

UNIVERSIDAD NACIONAL DE ROSARIO.

FACULTAD DE CIENCIAS BIOQUIMICAS Y FARMACEUTICAS.-



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Título: ***Biosíntesis y transporte de metabolitos nitrogenados como blanco de nuevos agentes antiparasitarios***

Director de Tesis: Dr. Guillermo Roberto Labadie.

Material Suplementario

2014

Índice

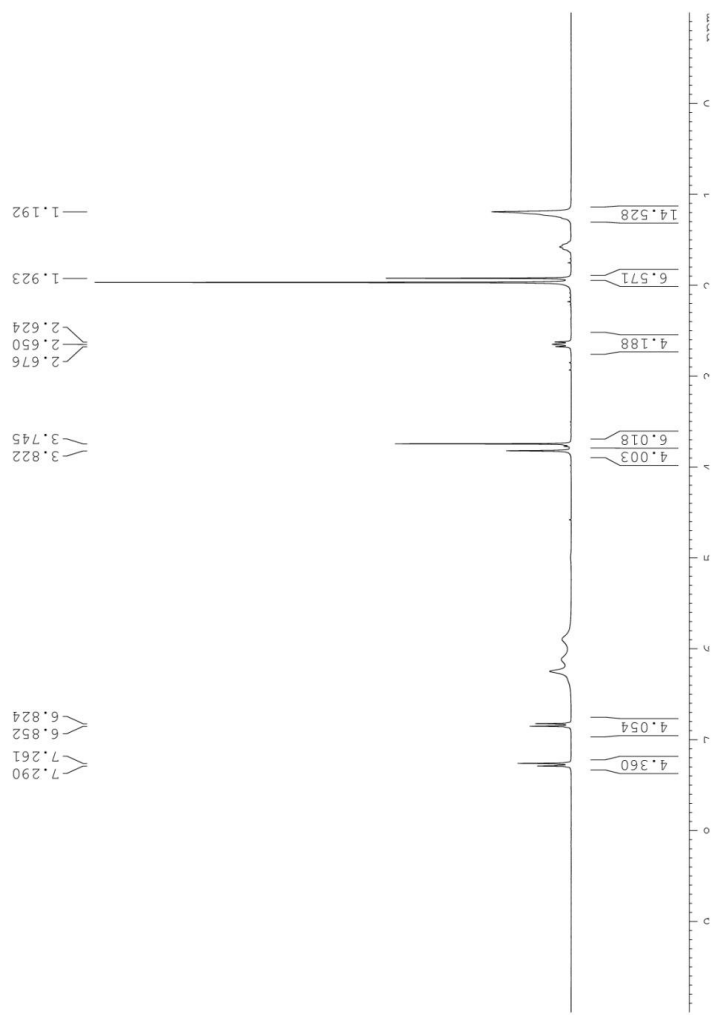
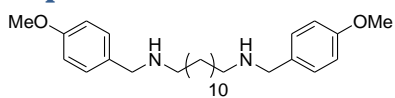
Página

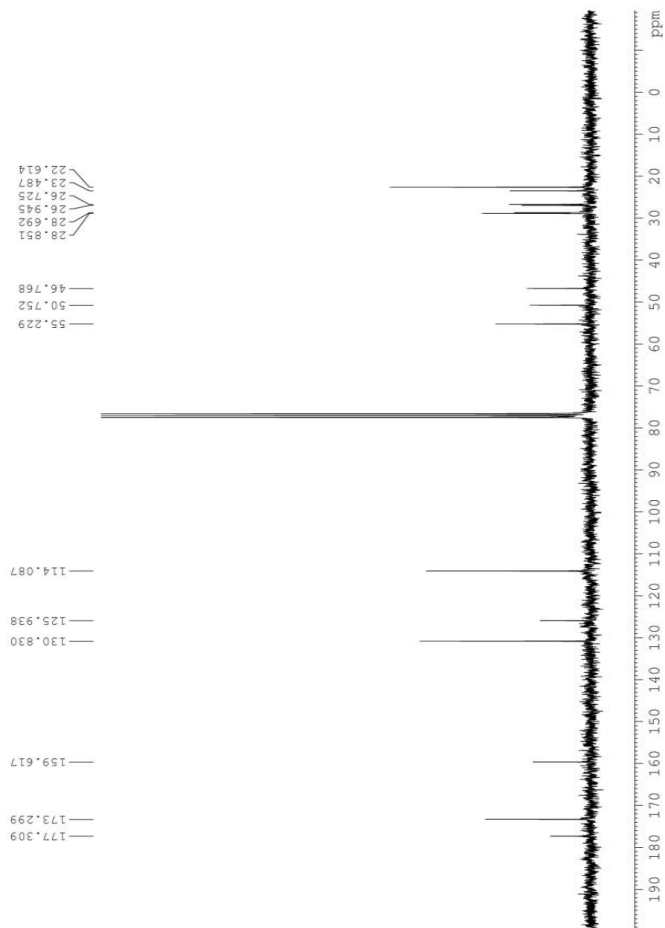
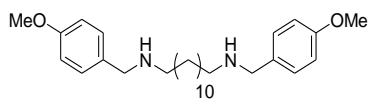
Espectro de RMN del compuesto 6.....	5
<i>Espectro de RMN del compuesto 12.....</i>	<i>7</i>
<i>Espectro de RMN del compuesto 18.....</i>	<i>9</i>
<i>Espectro de RMN del compuesto 24.....</i>	<i>11</i>
Espectro de RMN del compuesto 30.....	13
Espectro de RMN del compuesto 31.....	15
<i>Espectro de RMN del compuesto 32.....</i>	<i>17</i>
Espectro de RMN del compuesto 33.....	19
Espectro de RMN del compuesto 34.....	21
<i>Espectro de RMN del compuesto 35.....</i>	<i>23</i>
<i>Espectro de RMN del compuesto 36.....</i>	<i>25</i>
Espectro de RMN del compuesto 37.....	27
<i>Espectro de RMN del compuesto 38.....</i>	<i>29</i>
<i>Espectro de RMN del compuesto 39.....</i>	<i>31</i>
Espectro de RMN del compuesto 40.....	33
Espectro de RMN del compuesto 41.....	36
Espectro de RMN del compuesto 42.....	38
Espectro de RMN del compuesto 43.....	40
Espectro de RMN del compuesto 44.....	42
Espectro de RMN del compuesto 45.....	44
Espectro de RMN del compuesto 46.....	46
Espectro de RMN del compuesto 47.....	48
Espectro de RMN de compuesto 48.....	51
Espectro de RMN del compuesto 49.....	54
Espectro de RMN del compuesto 50.....	57
Espectro de RMN del compuesto 51.....	60
Espectro de RMN del compuesto 52.....	63
Espectro de RMN del compuesto 53.....	65
Espectro de RMN del compuesto 54.....	67
Espectro de RMN del compuesto 55.....	69
Espectro de RMN del compuesto 56.....	71

Espectro de RMN del compuesto 57	74
Espectro de RMN del compuesto 58.....	76
Espectro de RMN del compuesto 59	78
Espectro de RMN del compuesto 60	81
Espectro de RMN del compuesto 61	84
Espectro de RMN del compuesto 62.....	86
Espectro de RMN del compuesto 63.....	89
Espectro de RMN del compuesto 64.....	92
Espectro de RMN del compuesto 65.....	94
Espectro de RMN del compuesto 66	96
Espectro de RMN del compuesto 67.....	98
Espectro de RMN del compuesto 68.....	100
Espectro de RMN del compuesto 69.....	103
Espectro de RMN del compuesto 70.....	105
Espectro de RMN del compuesto 71	107
Espectro de RMN del compuesto 72.....	109
Espectro de RMN del compuesto 73.....	111
Espectro de RMN del compuesto 74	113
Espectro de RMN del compuesto 75.....	115
Espectro de RMN del compuesto 76.....	118
Espectro de RMN del compuesto 77.....	121
Espectro de RMN del compuesto 78.....	124
Espectro de RMN del compuesto 79.....	127
Espectro de RMN del compuesto 80.....	129
Espectro de RMN del compuesto 81	132
Espectro de RMN del compuesto 82.....	135
Espectro de RMN del compuesto 83.....	137
Espectro de RMN del compuesto 84.....	139
Espectro de RMN del compuesto 85	142
Espectro de RMN del compuesto 86.....	145
Espectro de RMN del compuesto 87	147

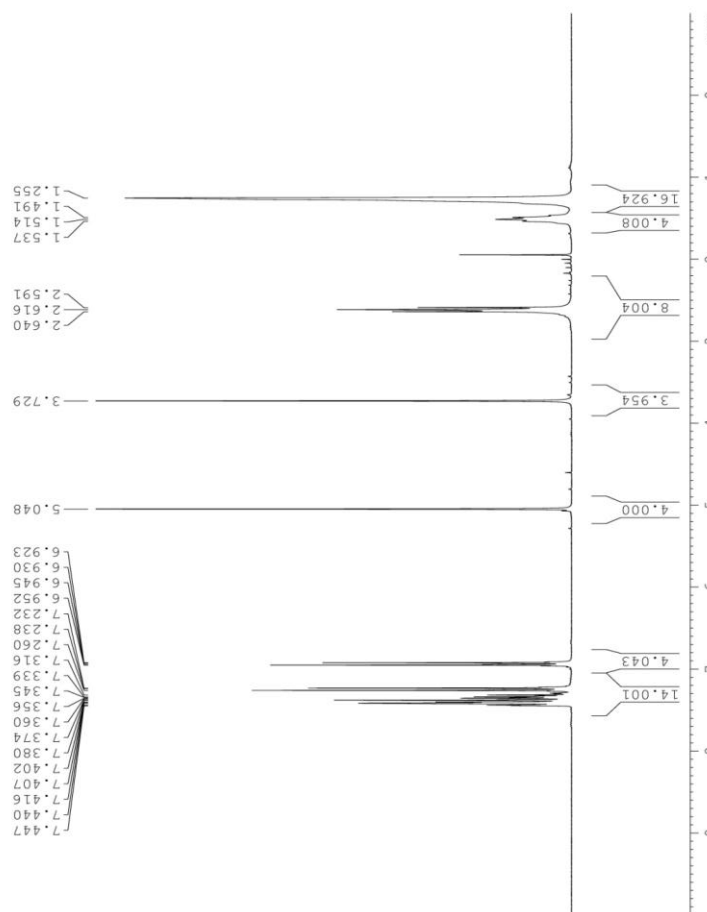
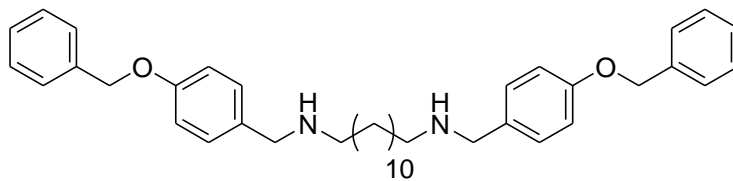
Los espectros se organizan en primer lugar $^1\text{HRMN}$, luego $^{13}\text{CRMN}$ y espectros infrarrojos (IR) seleccionados.

Espectro de RMN del compuesto 6

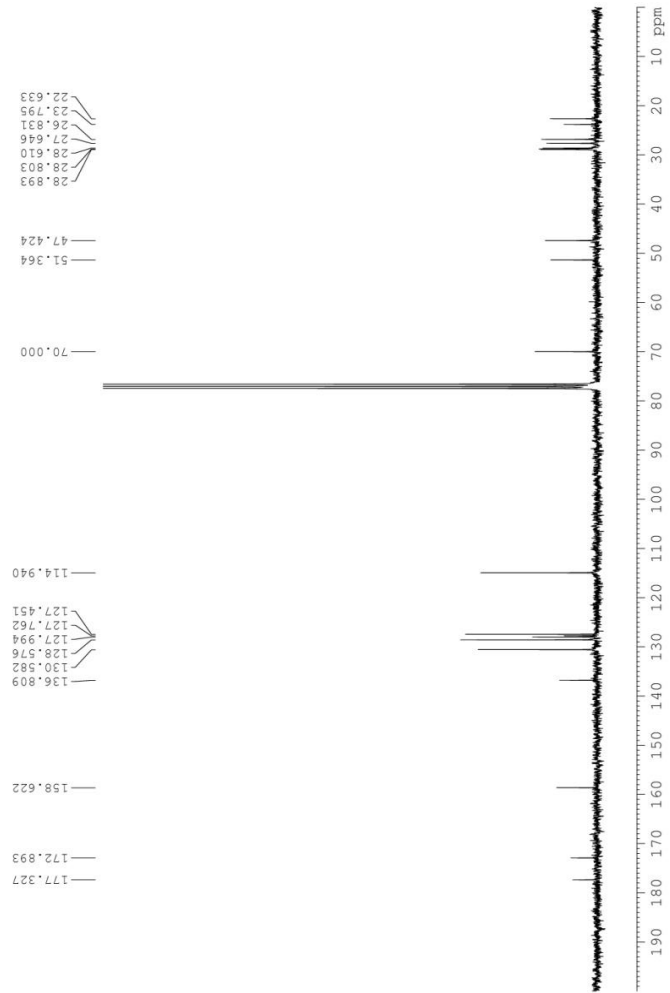
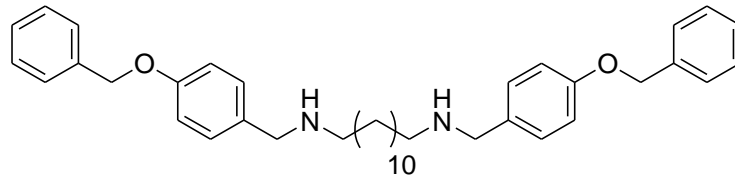




Espectro de RMN del compuesto 12

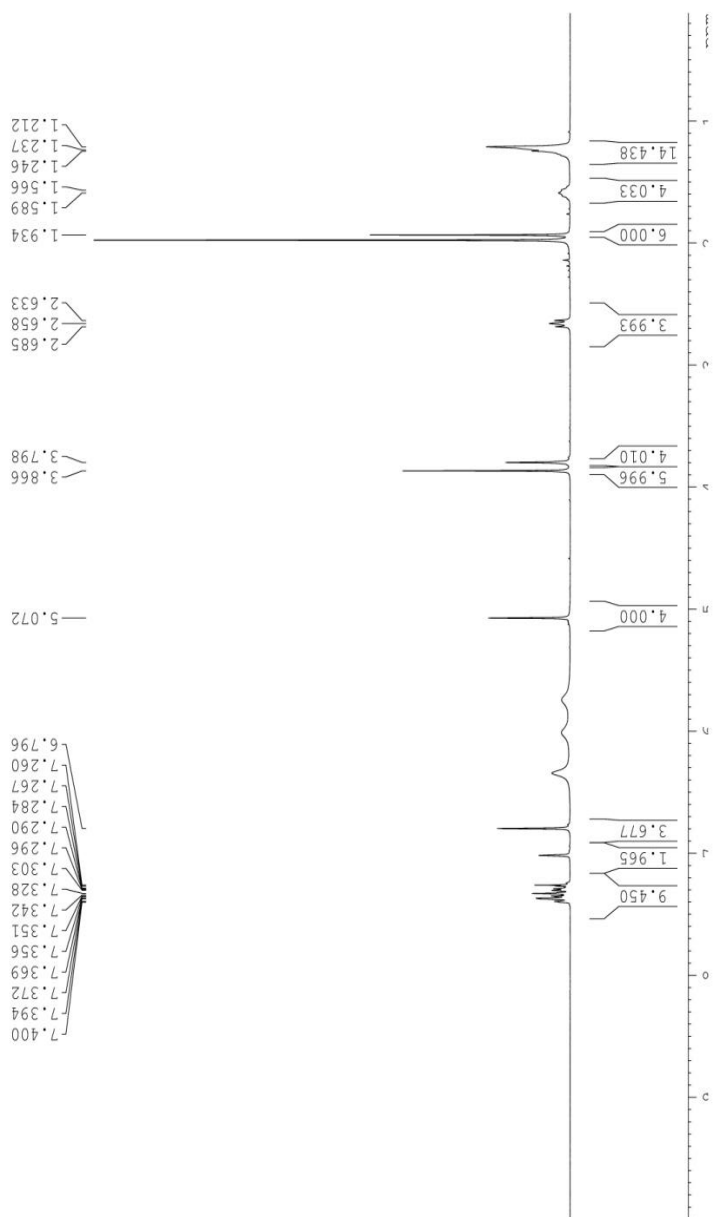
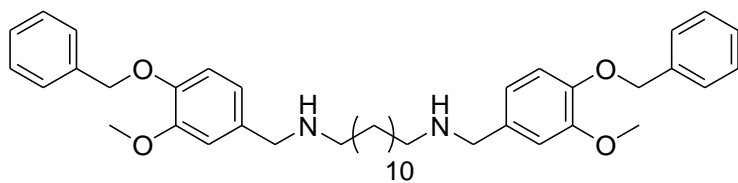


Espectro de ^1H

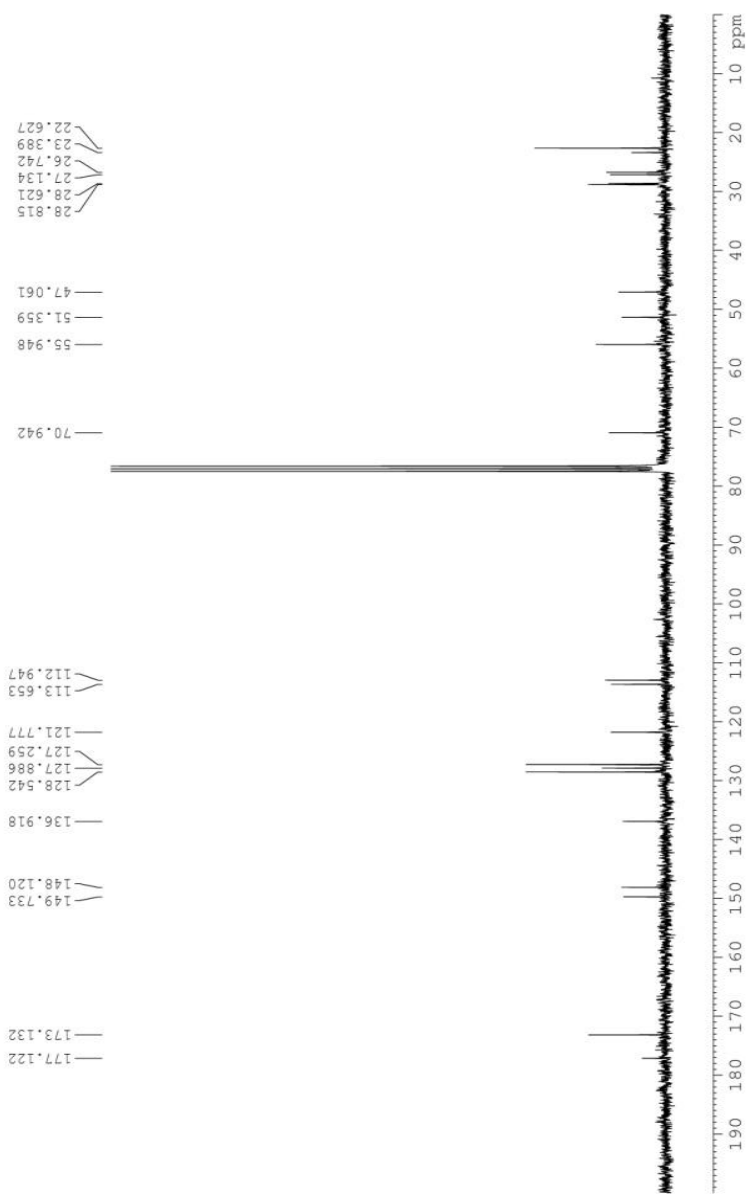
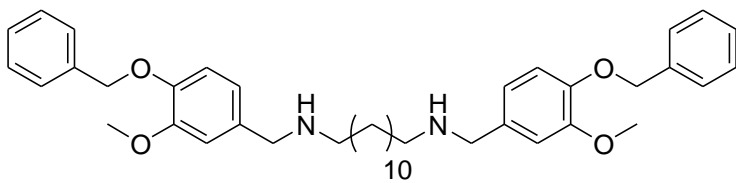


Espectro de 13C

Espectro de RMN del compuesto 18

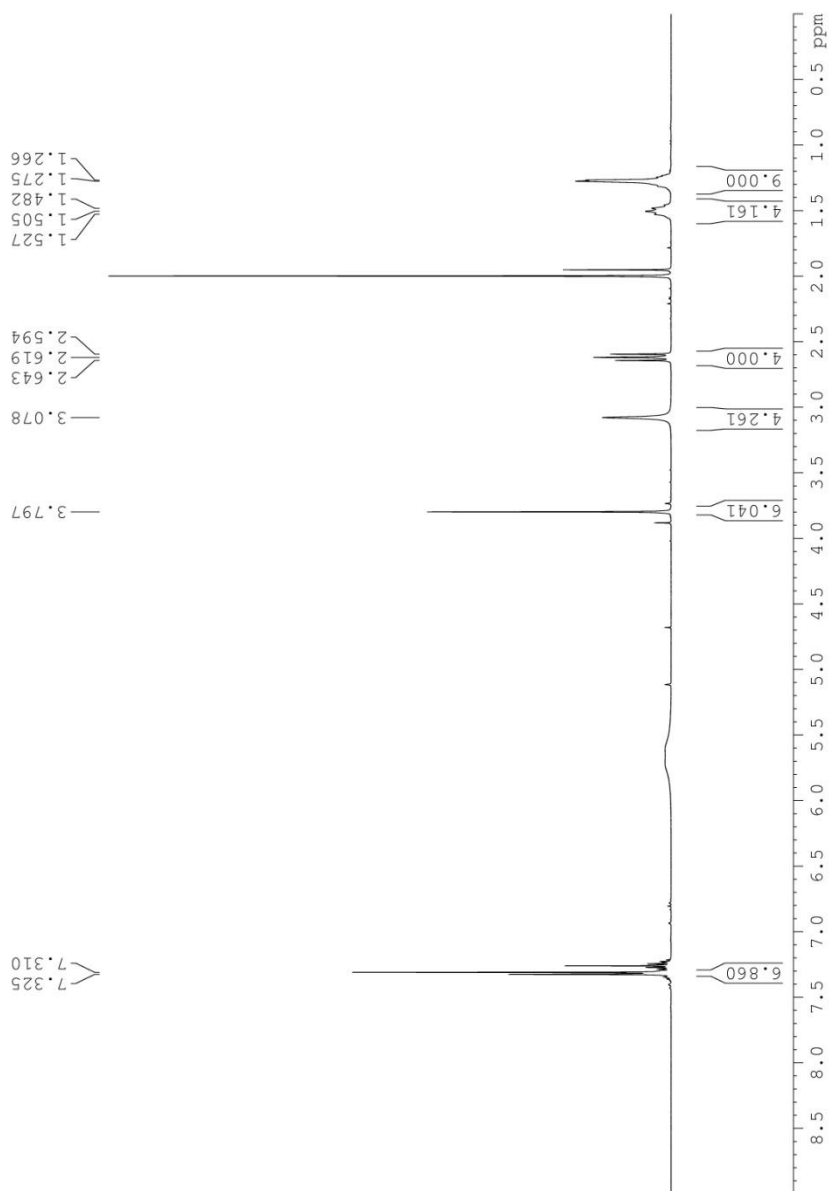
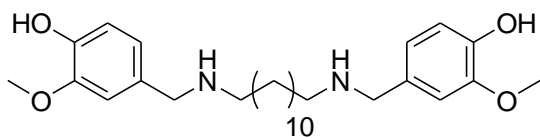


Espectro de ^1H

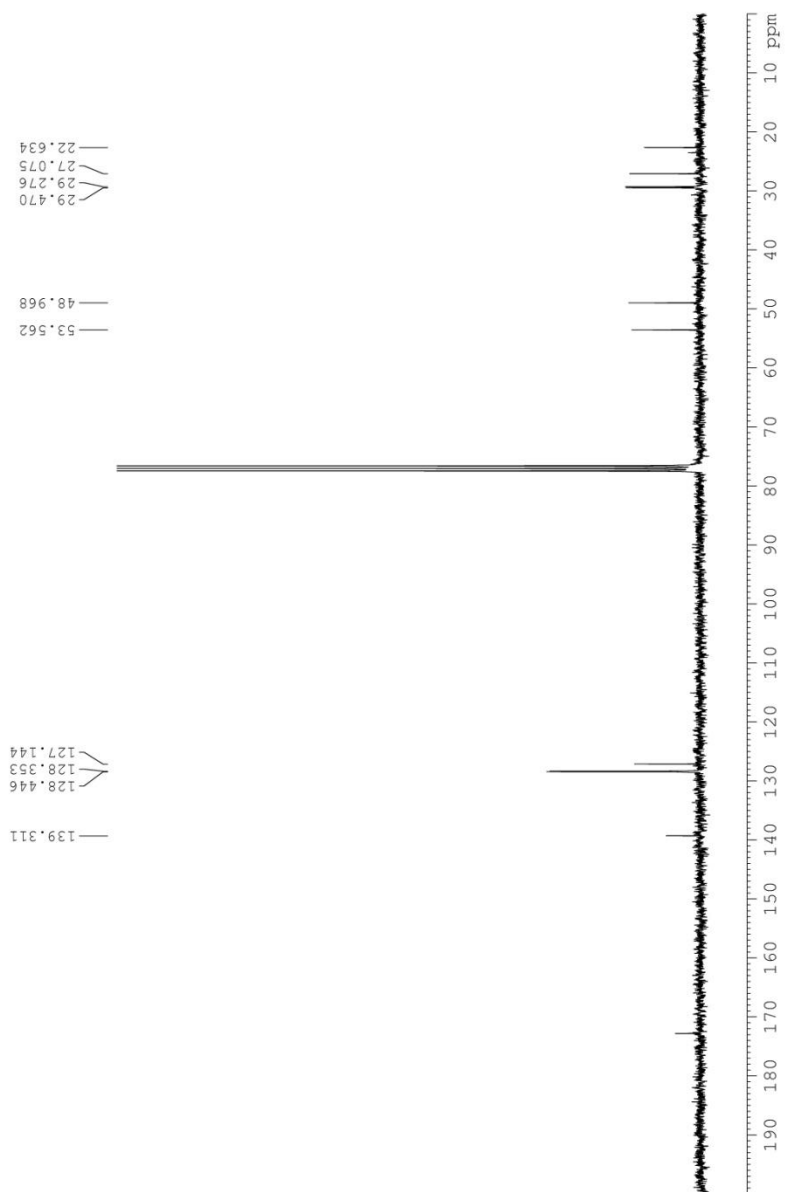
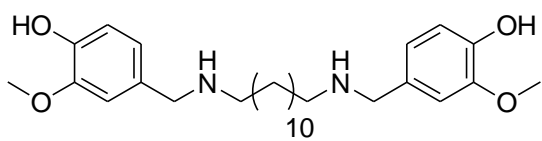


Espectro de ¹³CRMN

Espectro de RMN del compuesto 24

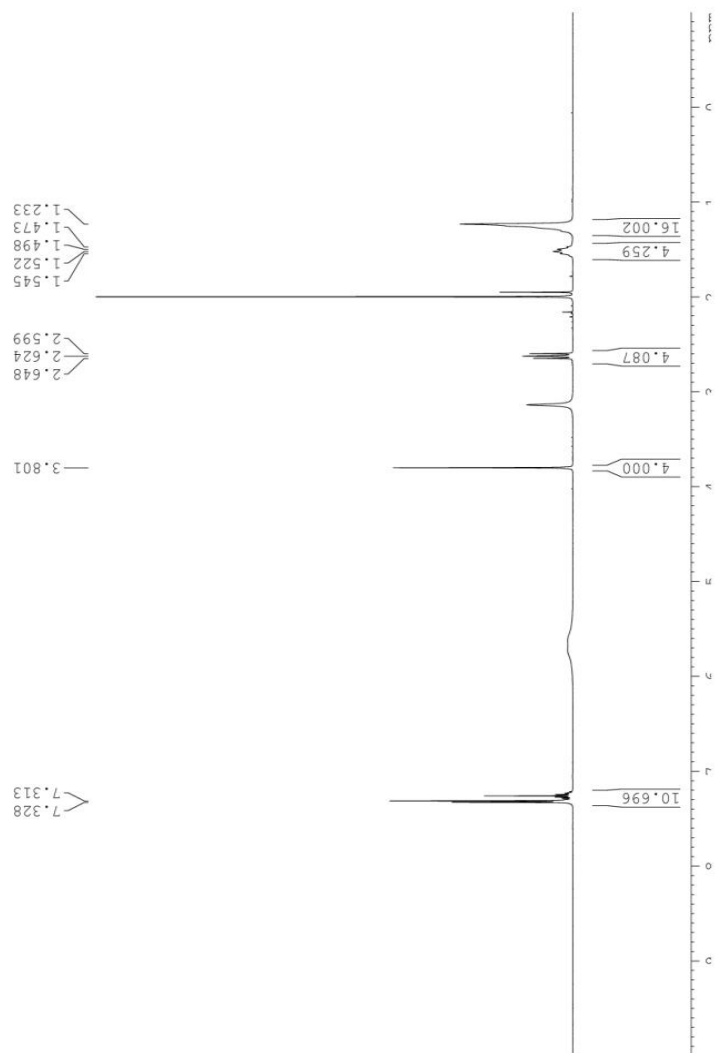
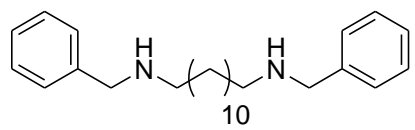


Espectro de ¹HRMN

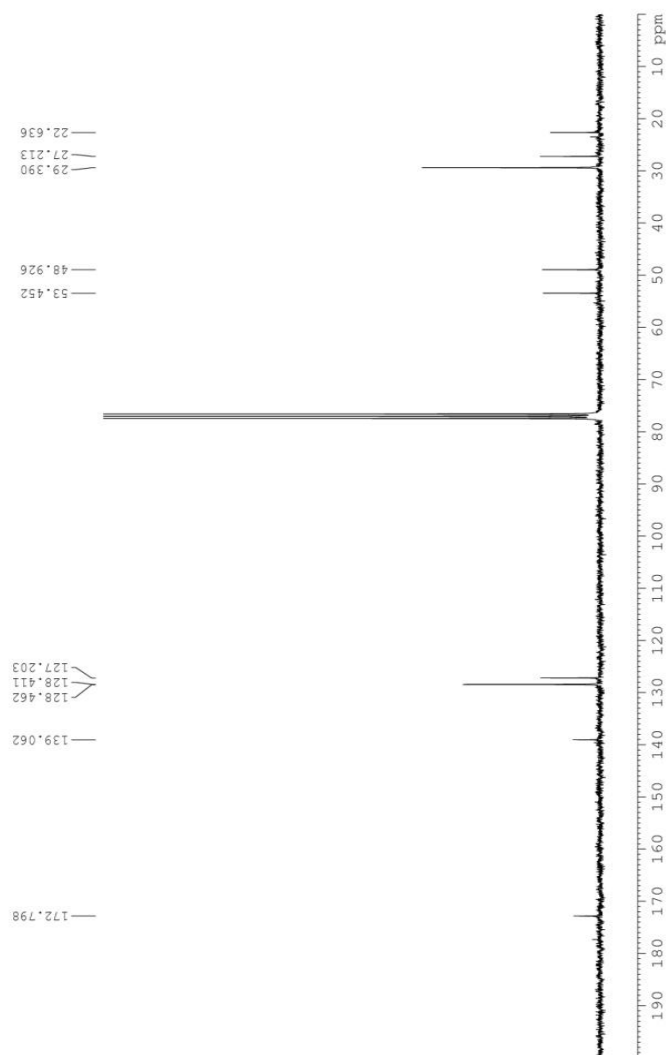
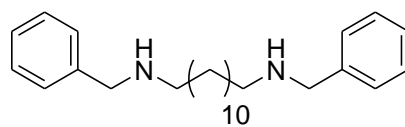


Espectro de ¹³C RMN.

Espectro de RMN del compuesto 30

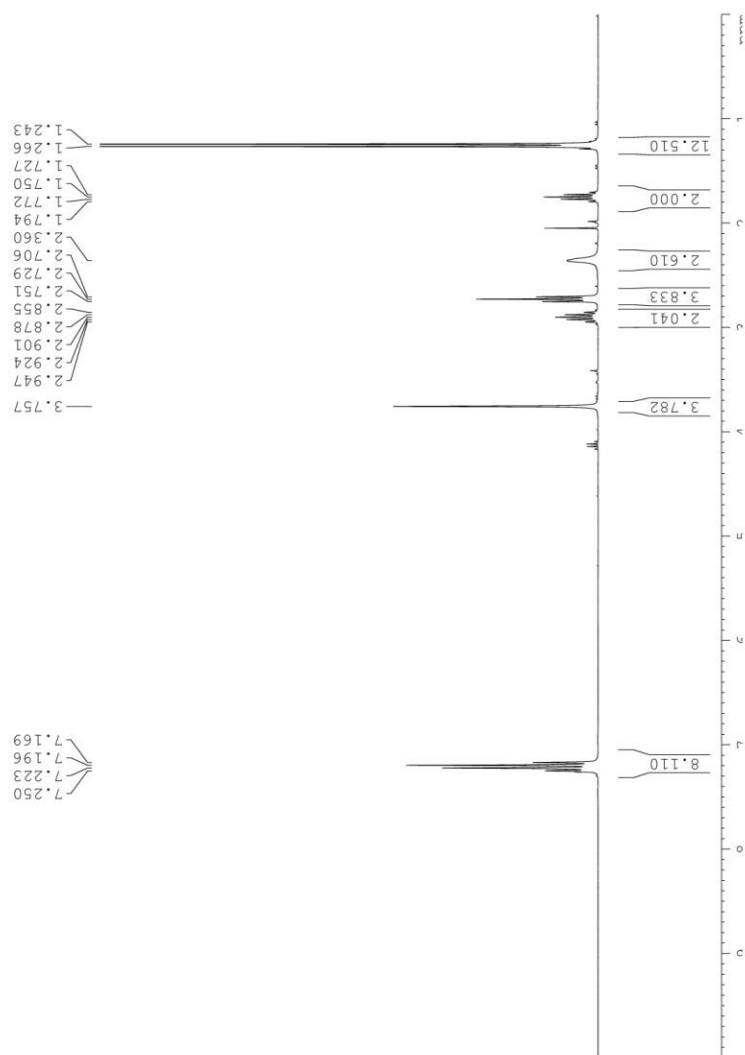
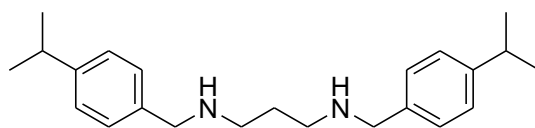


Espectro de 1H

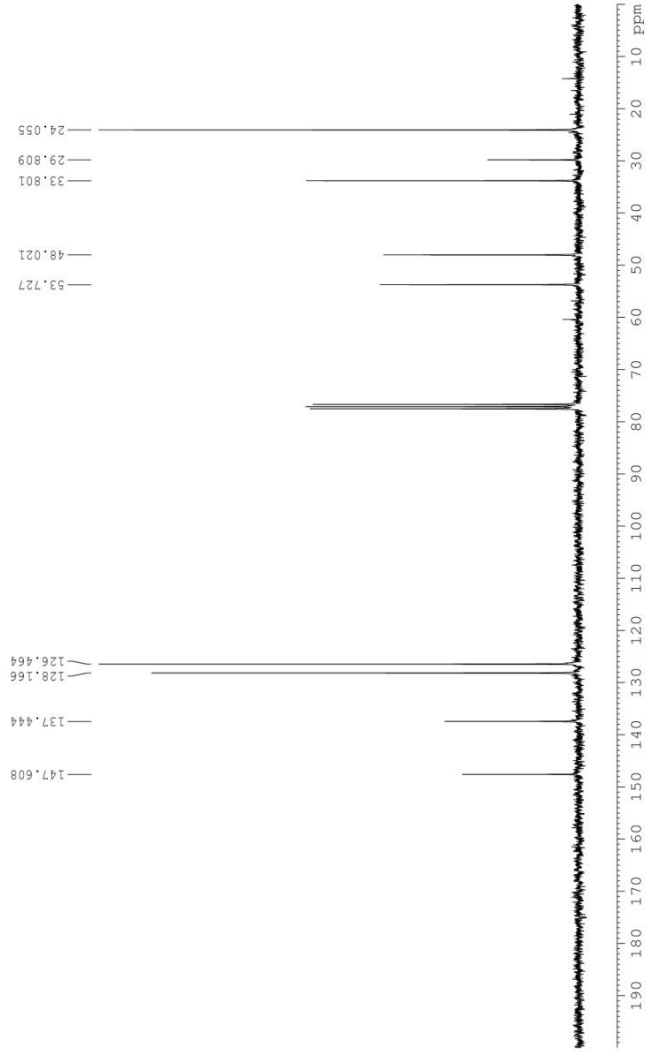
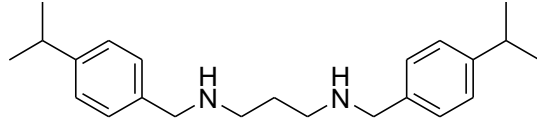


Espectro de 13CRMN.

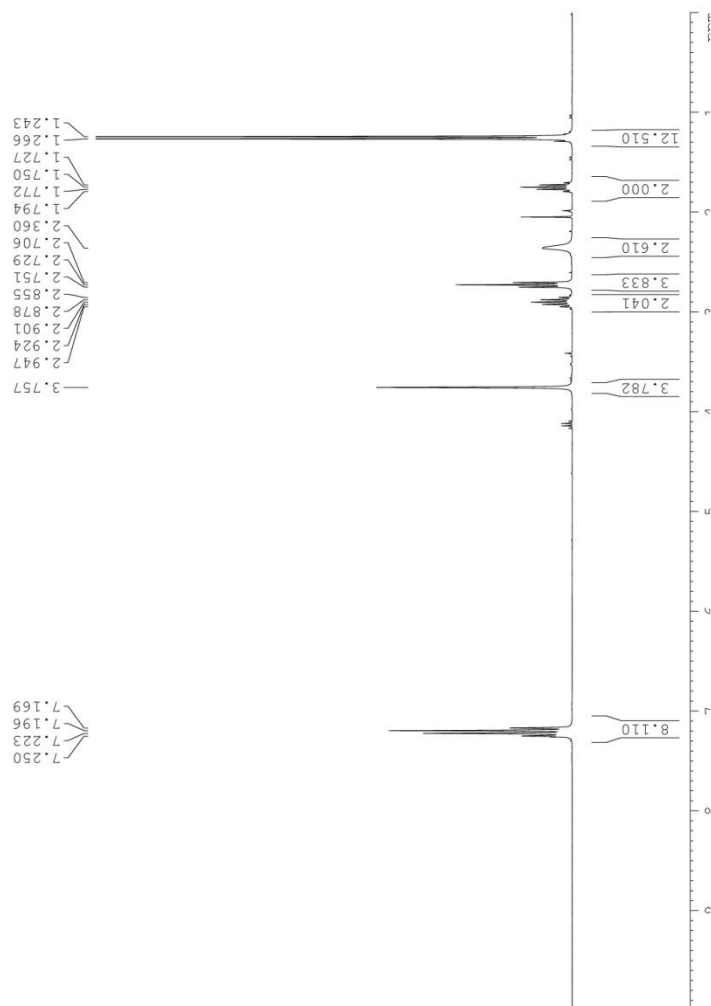
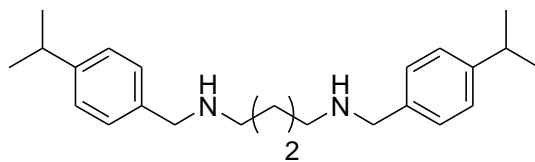
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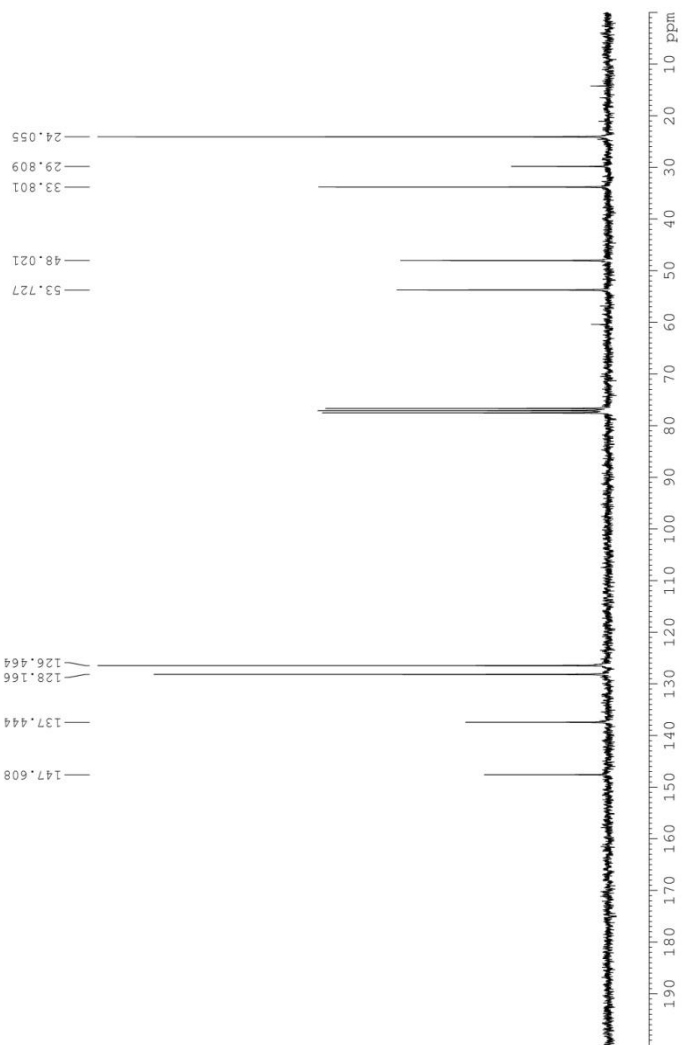
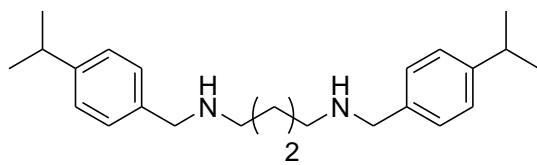


Espectro de ¹H RMN.

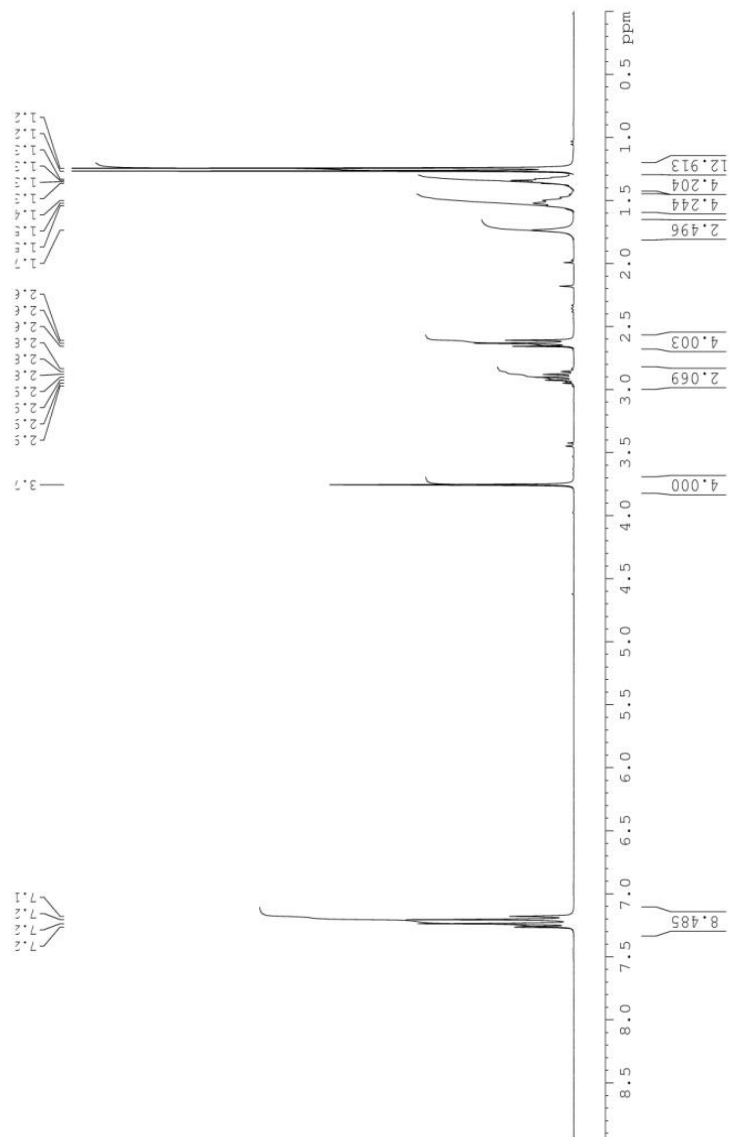
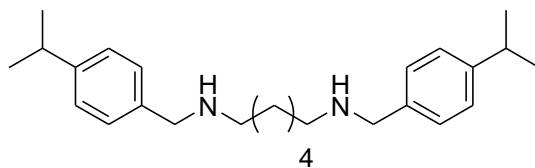


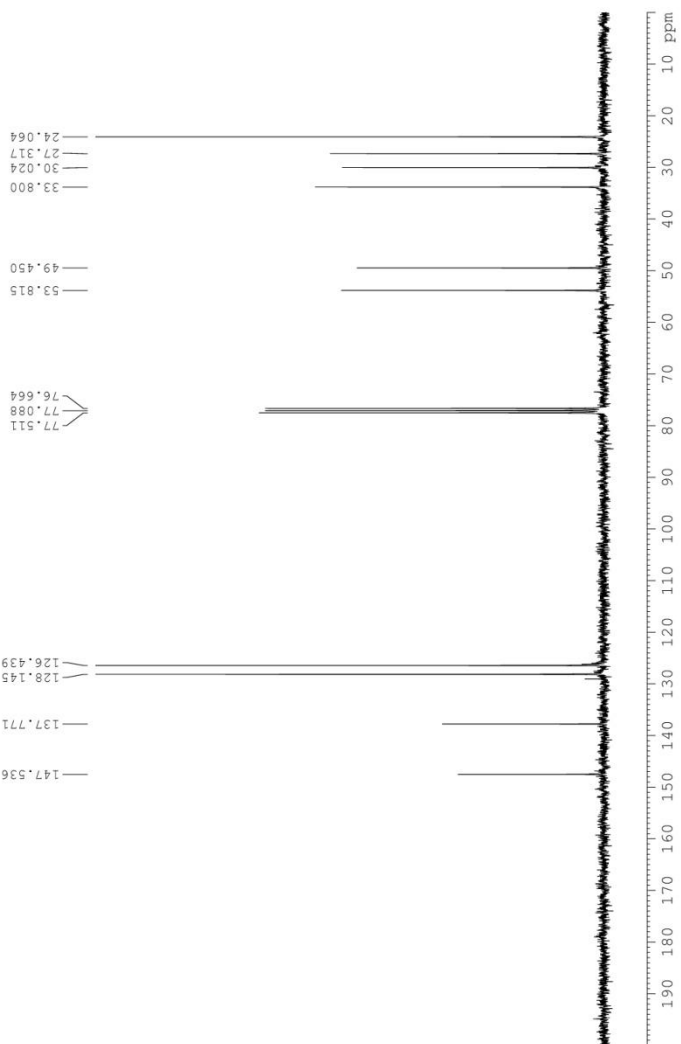
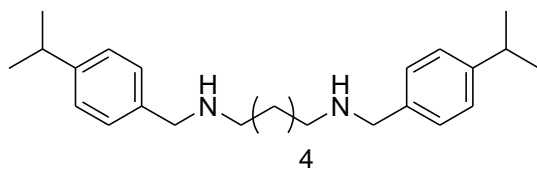
Espectro de RMN del compuesto 32



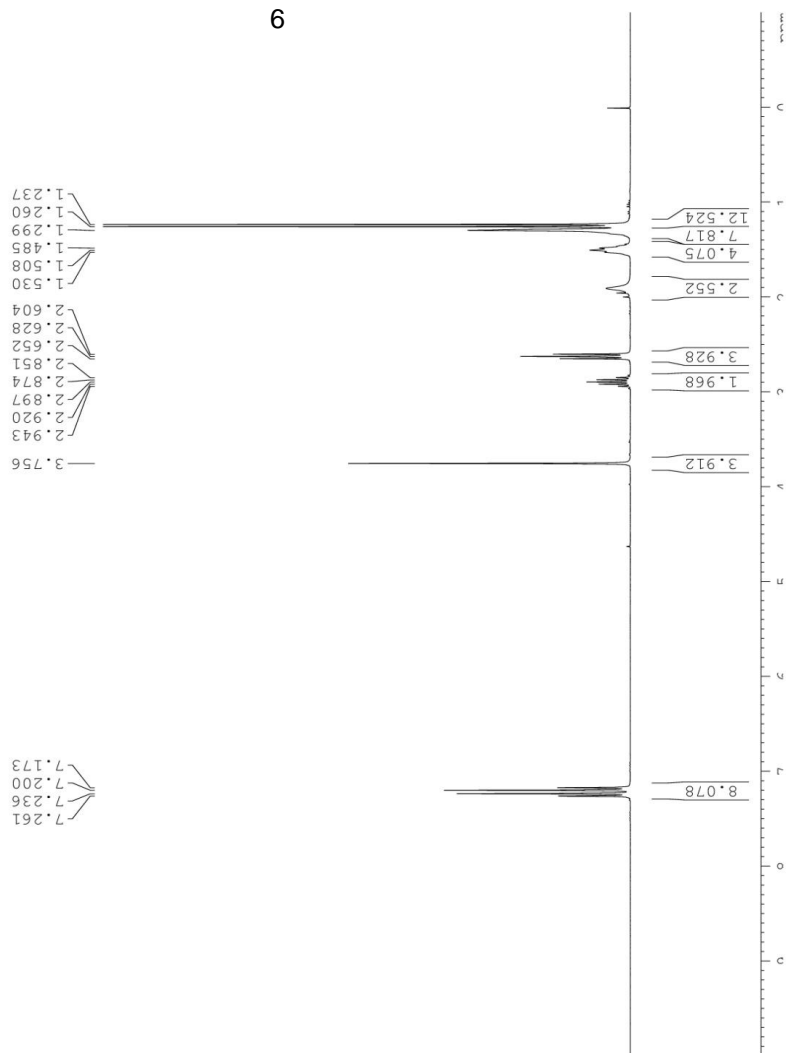
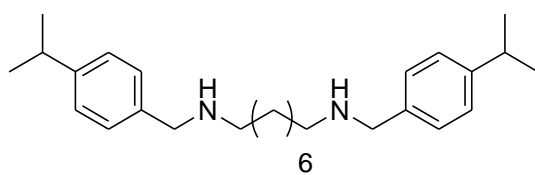


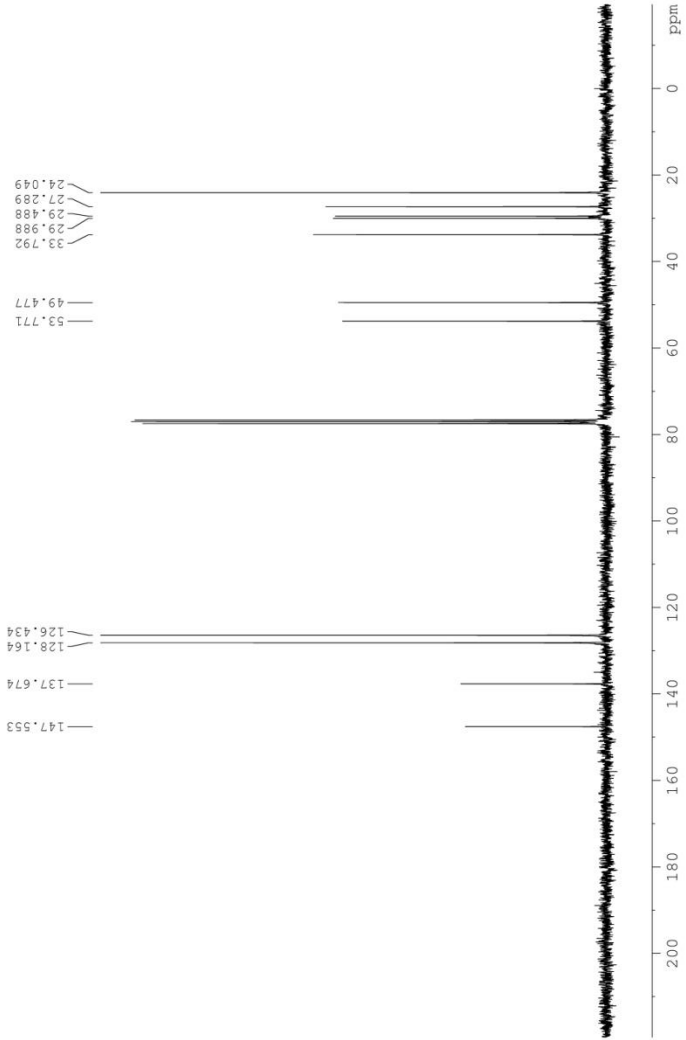
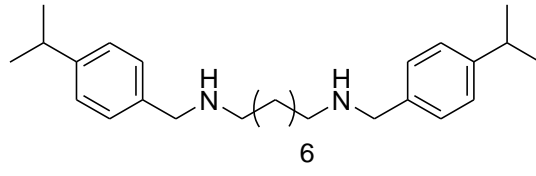
Espectro de RMN del compuesto 33



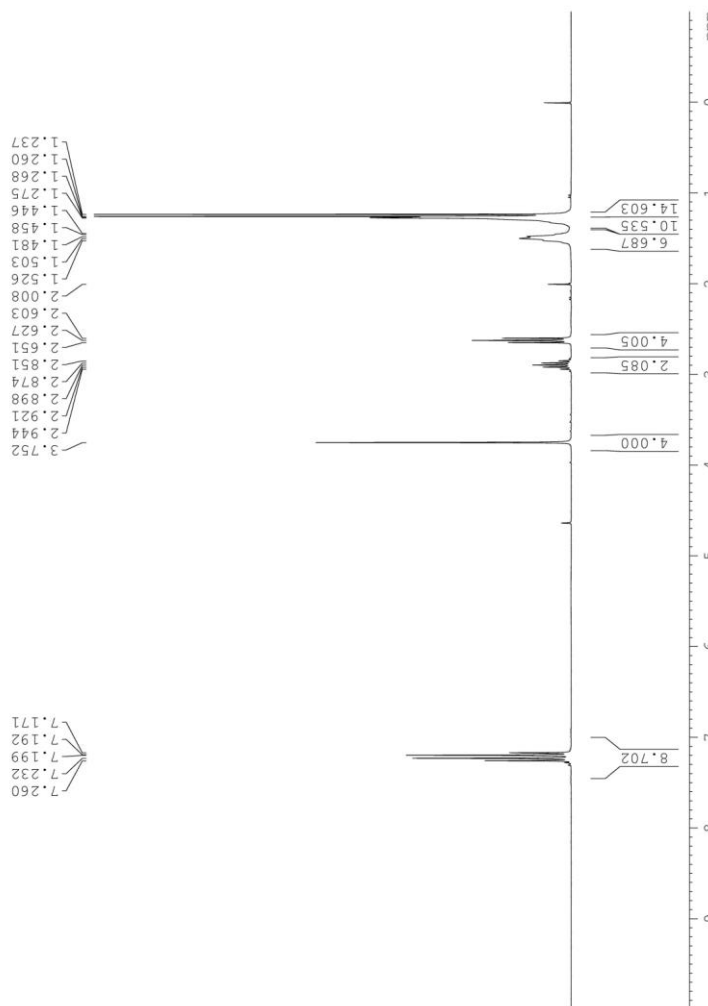
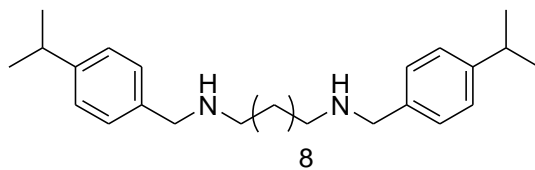


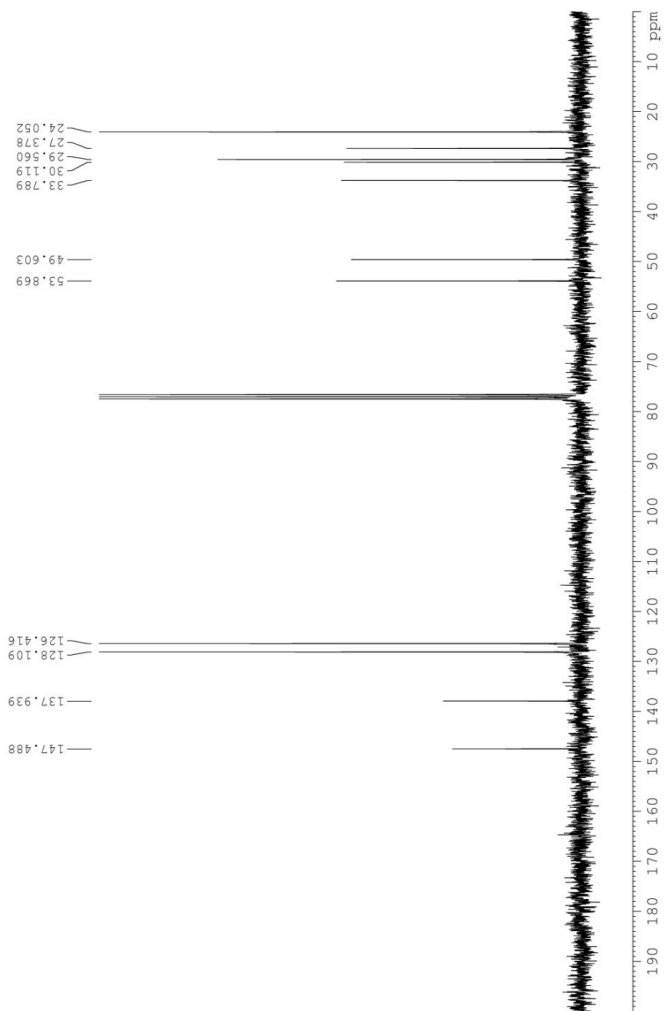
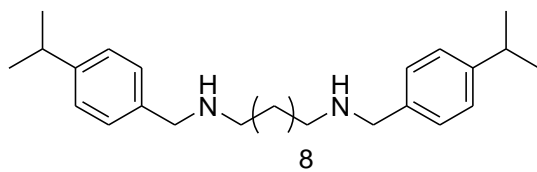
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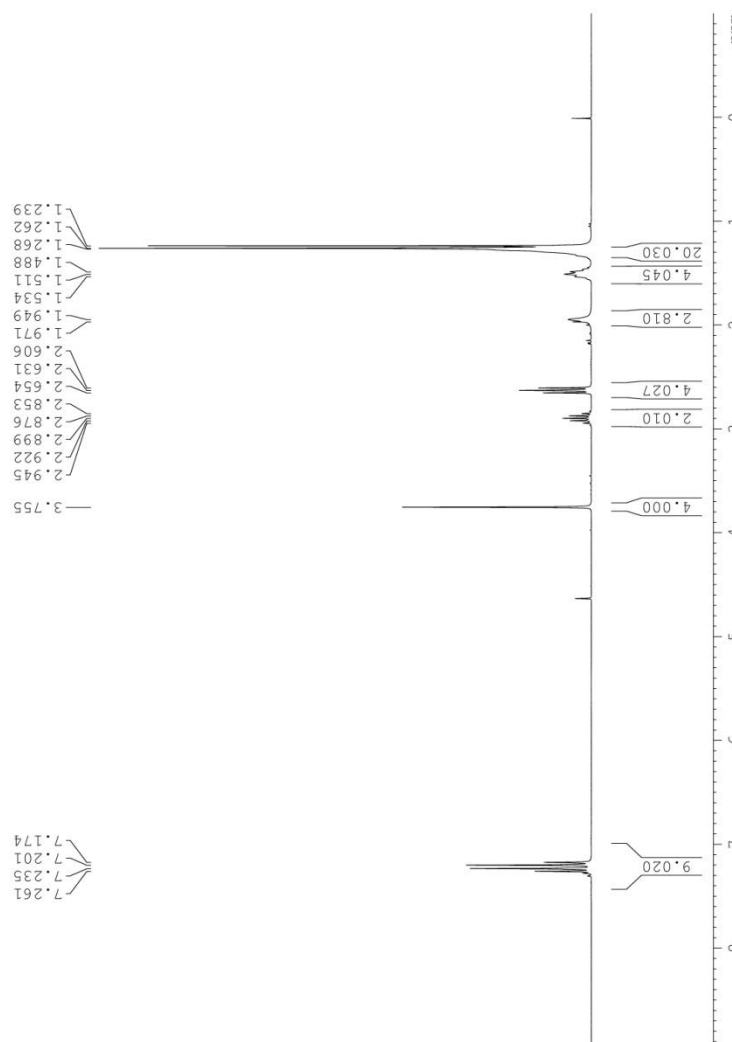
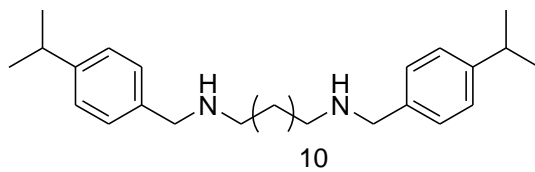


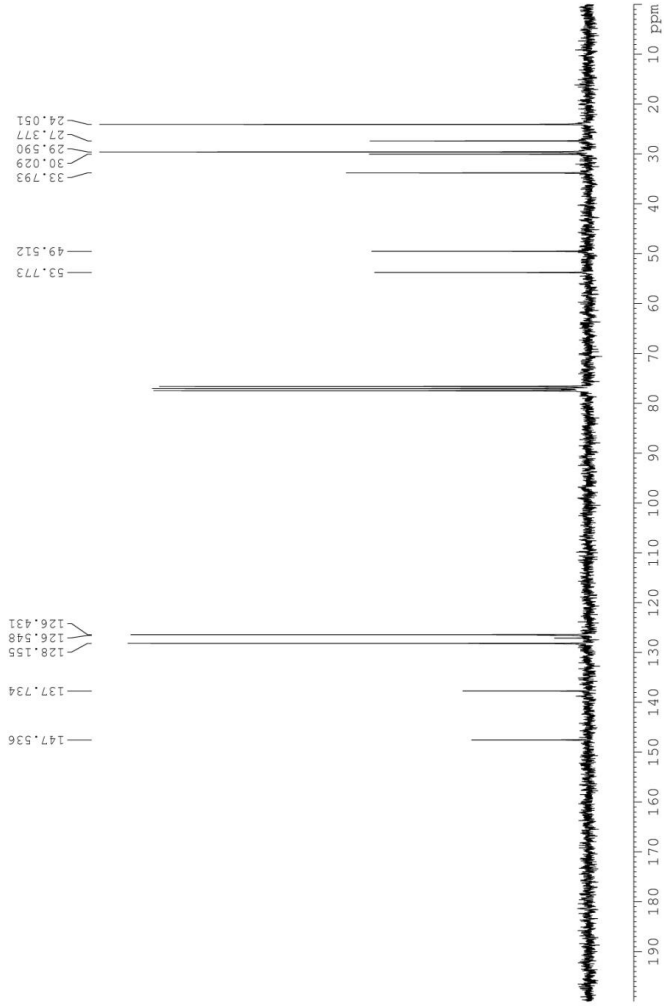
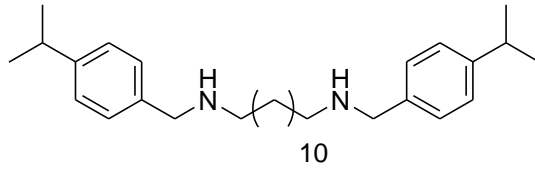
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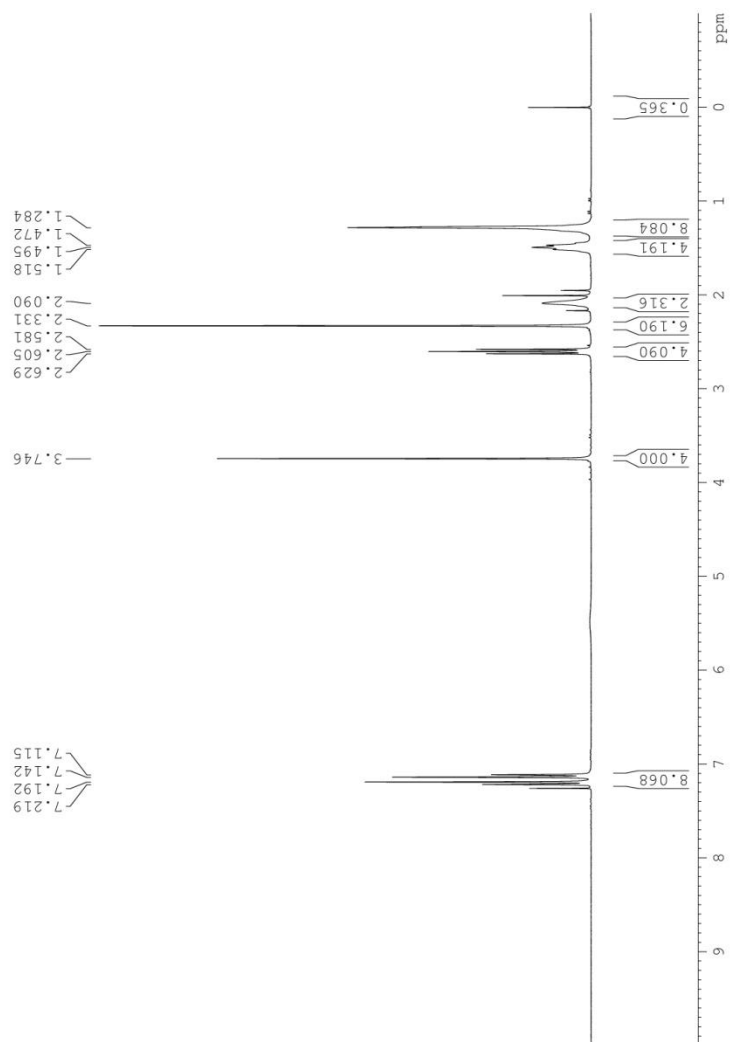
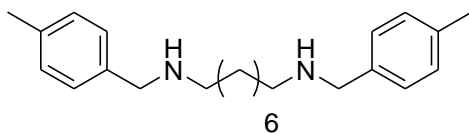


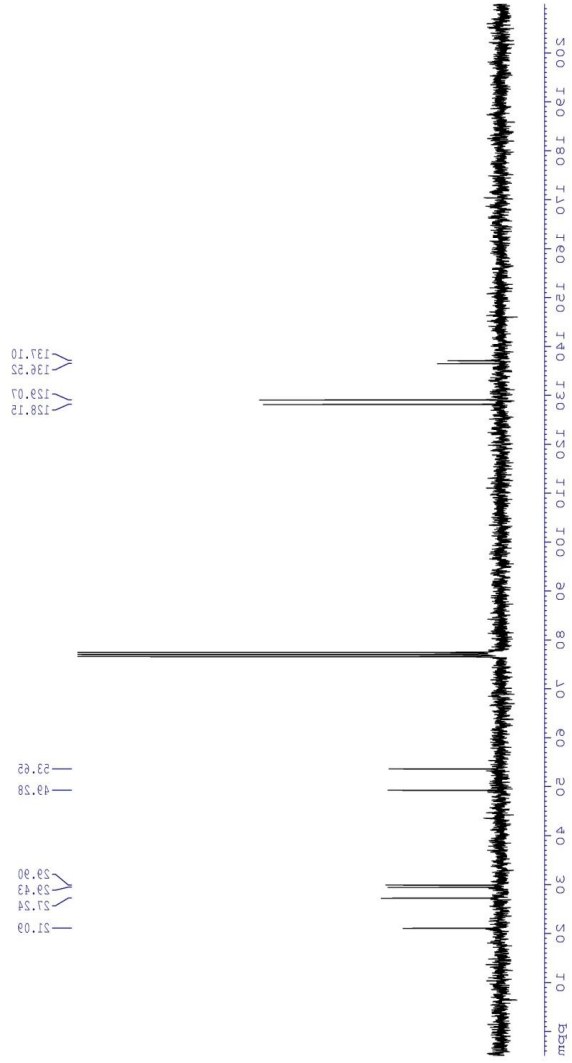
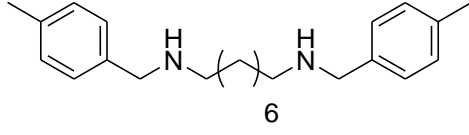
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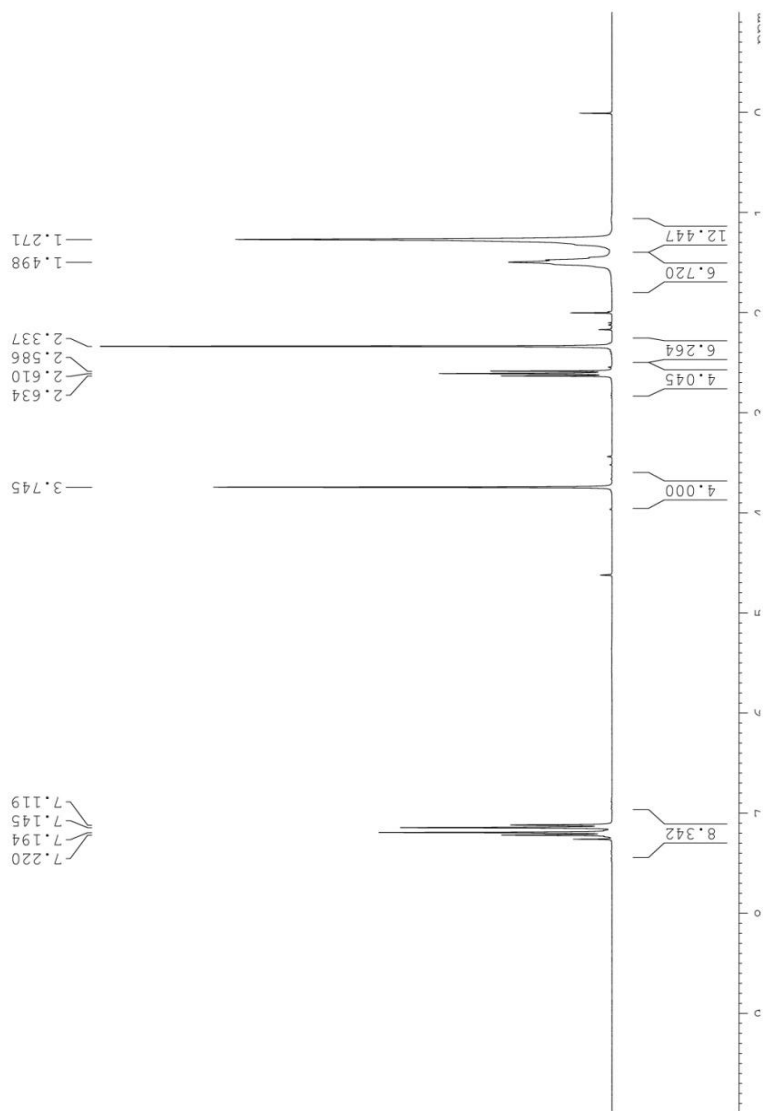
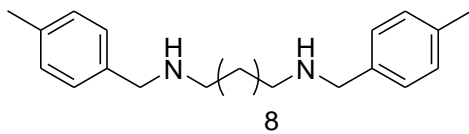


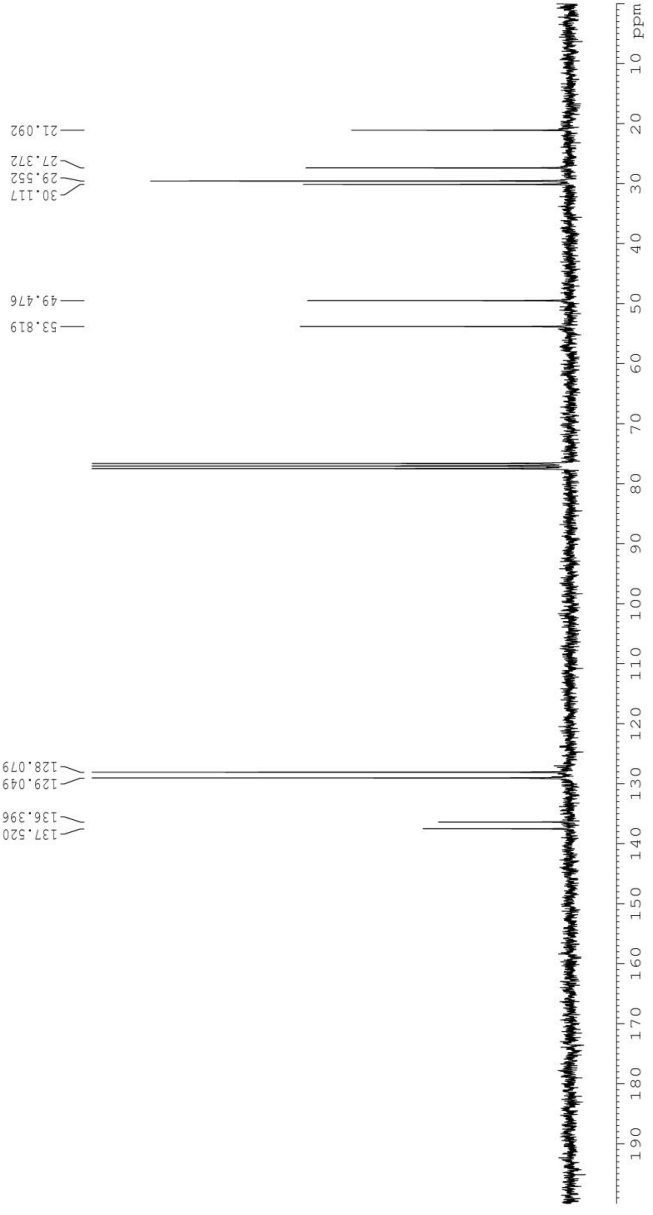
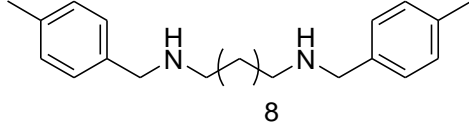
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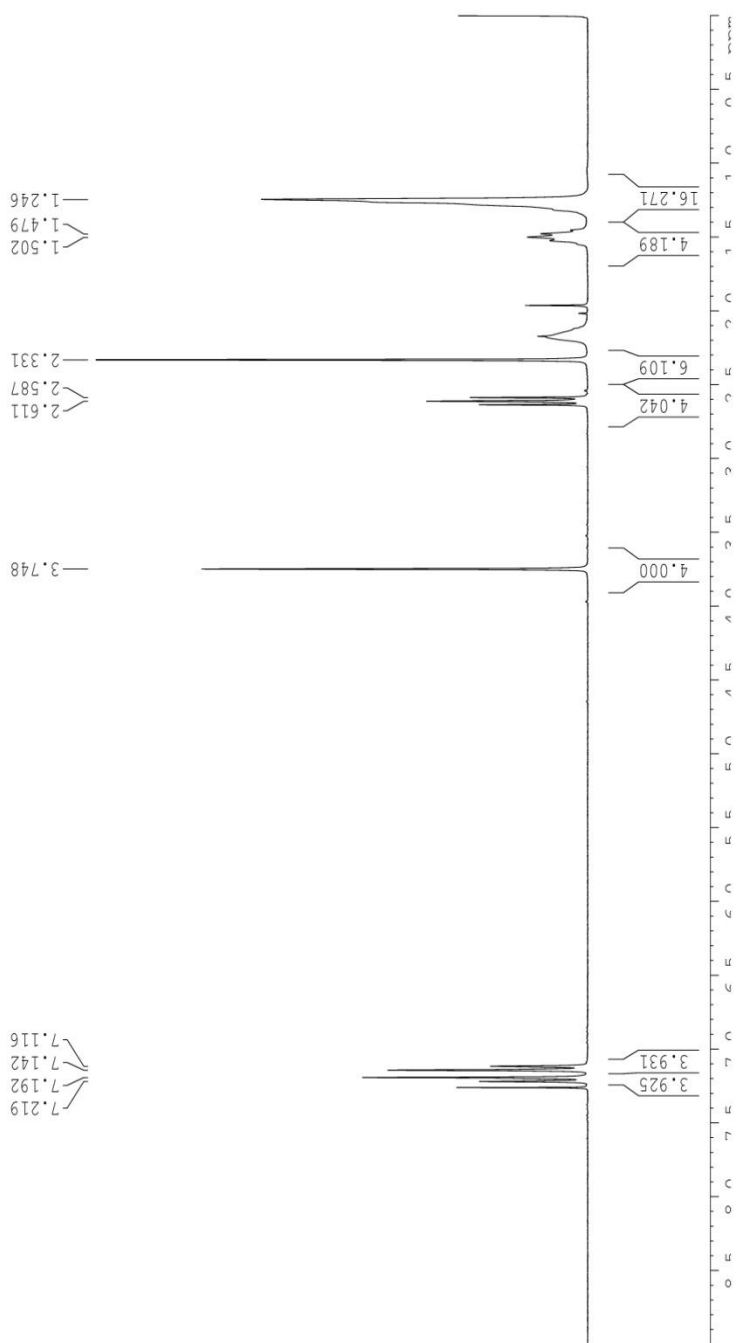
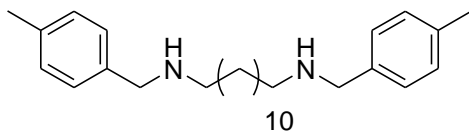


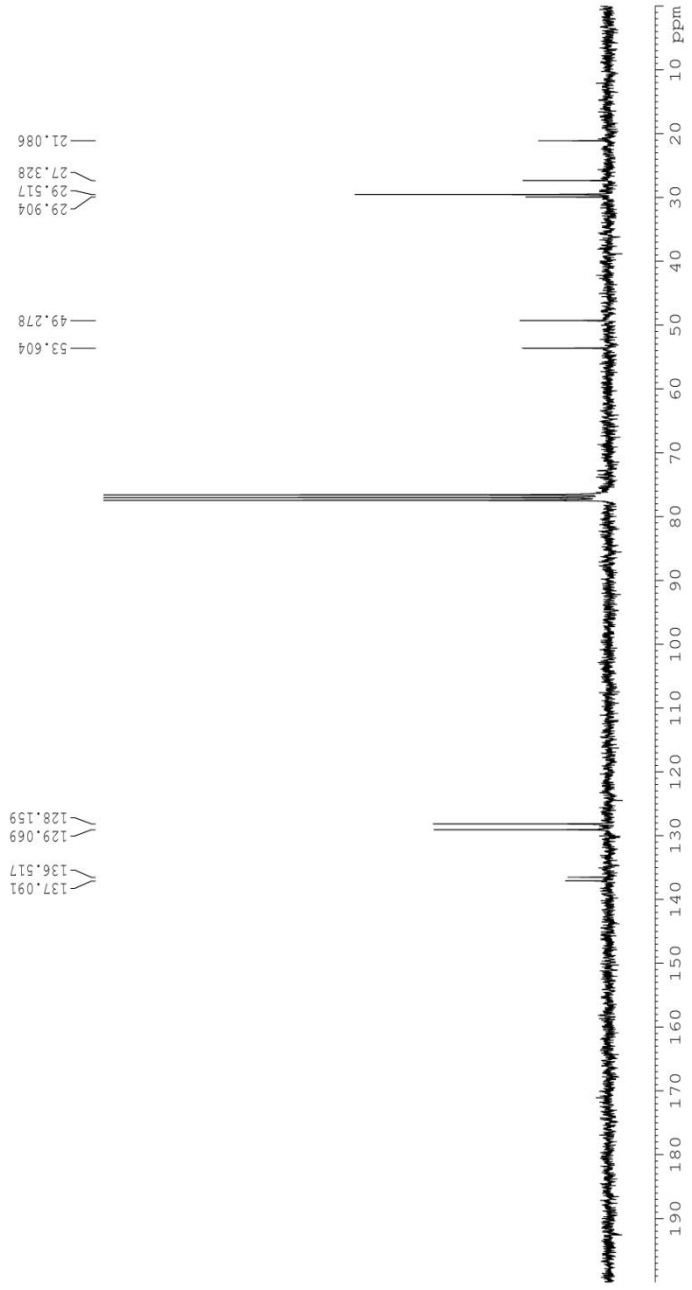
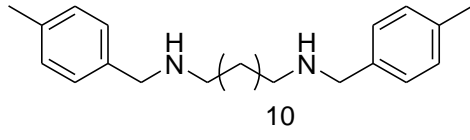
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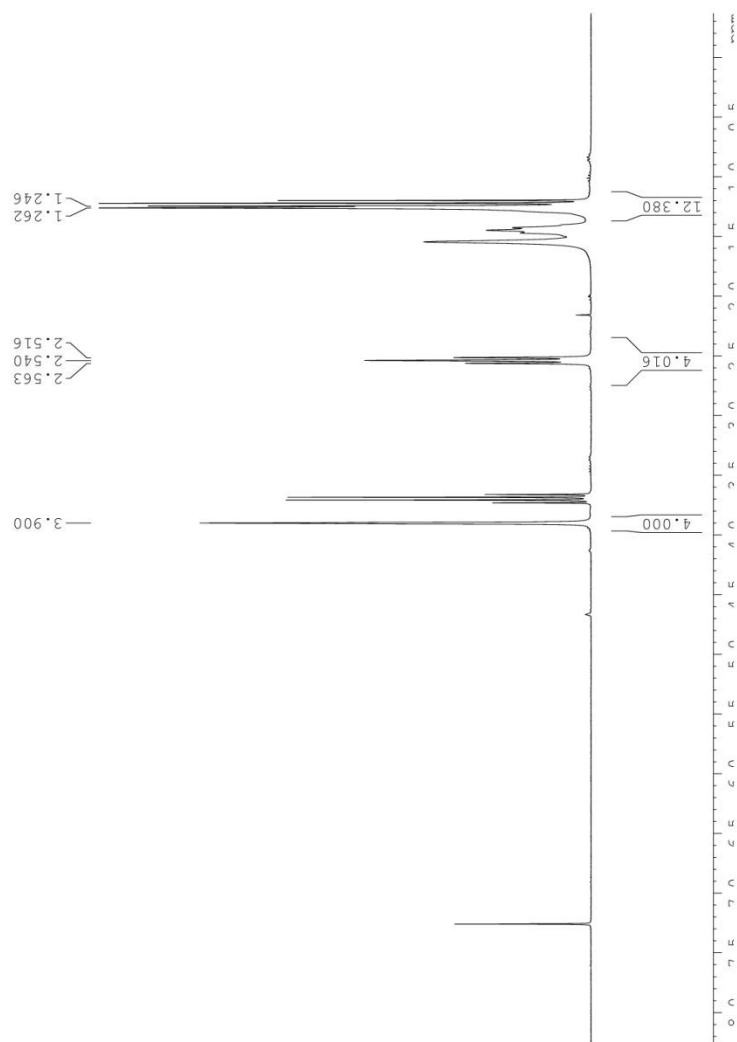
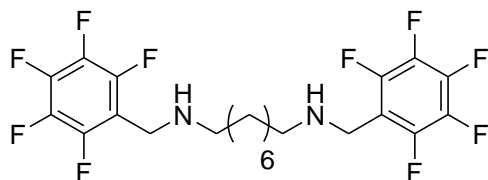


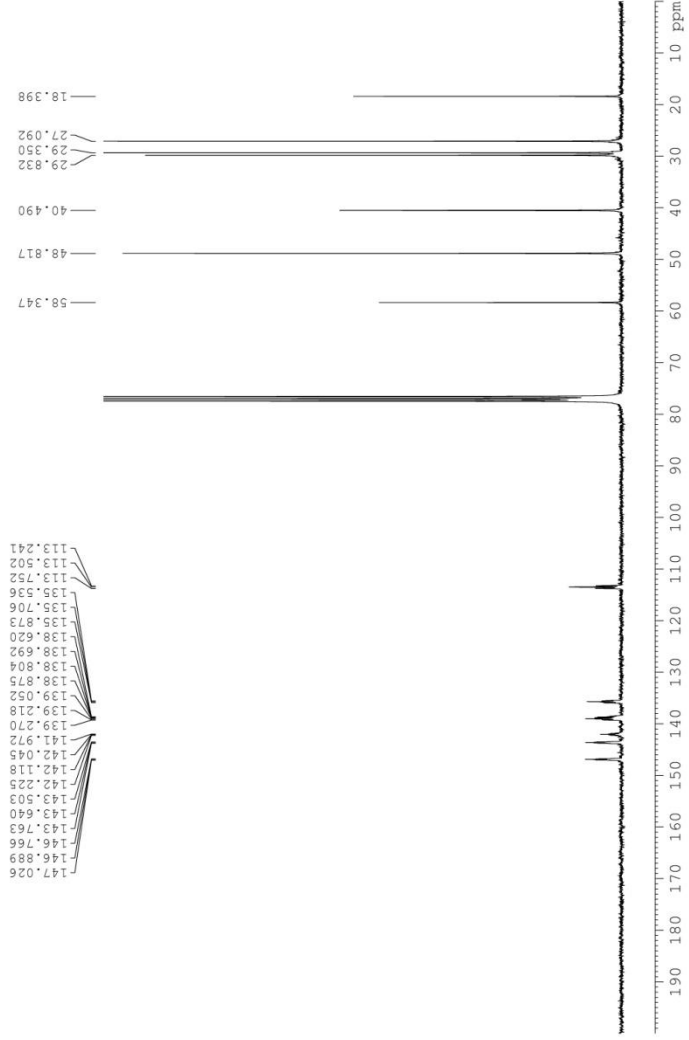
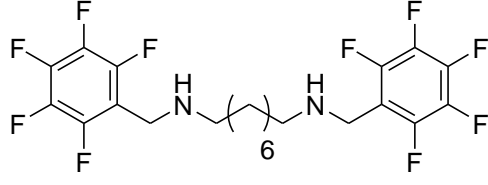
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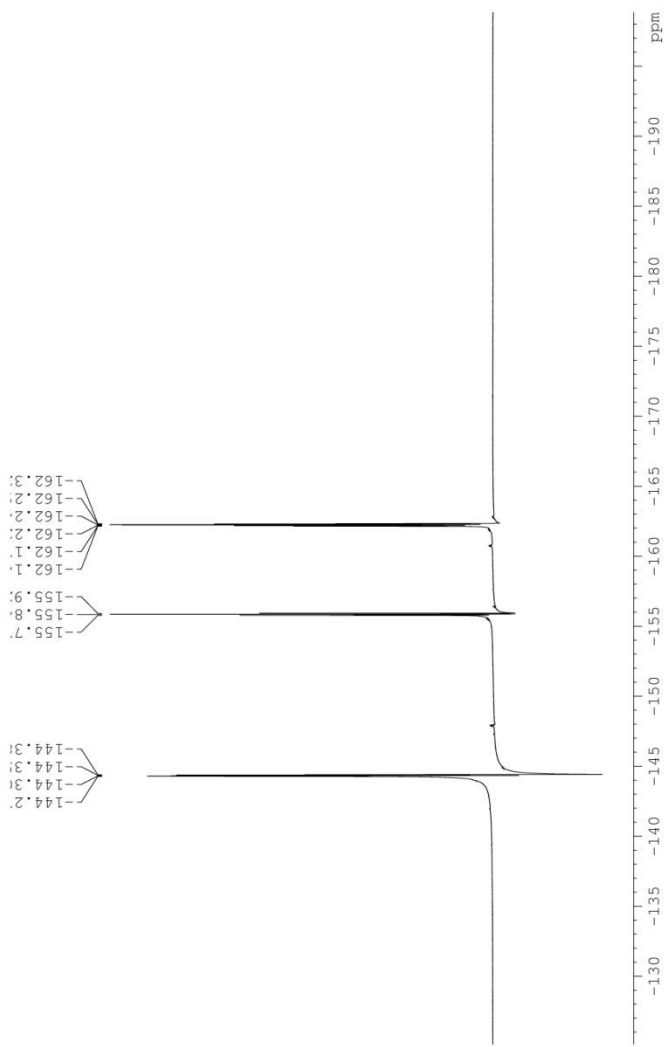




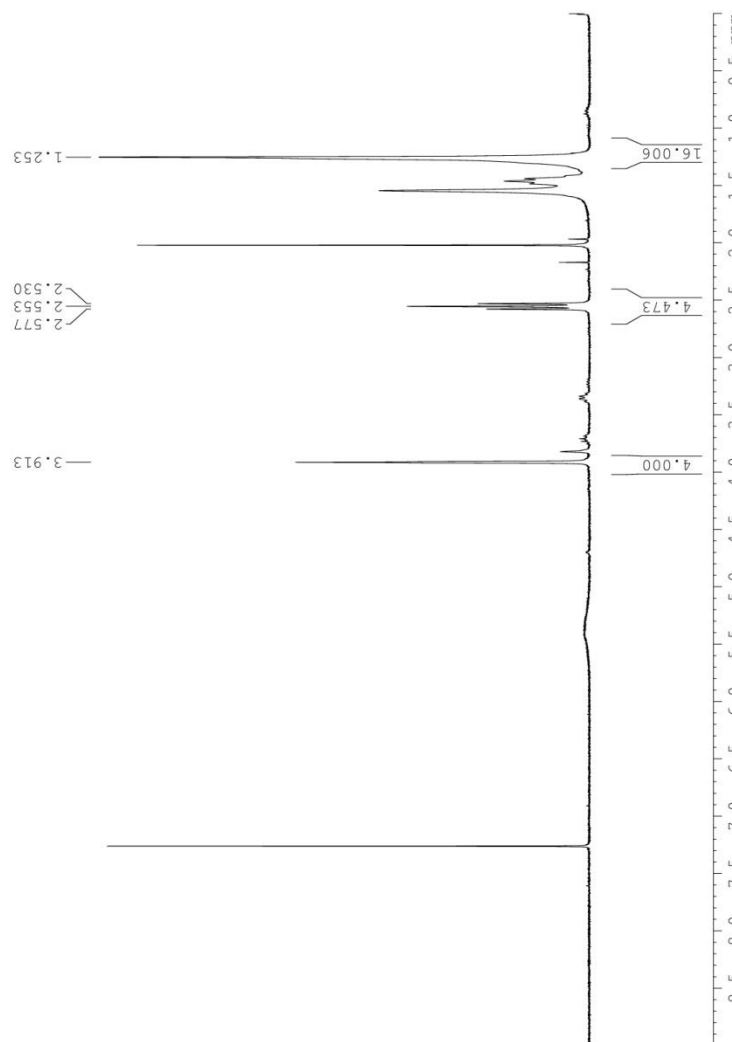
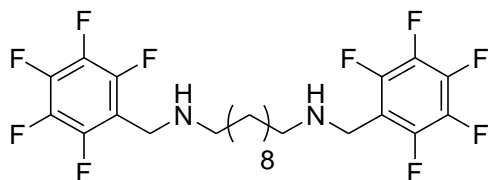
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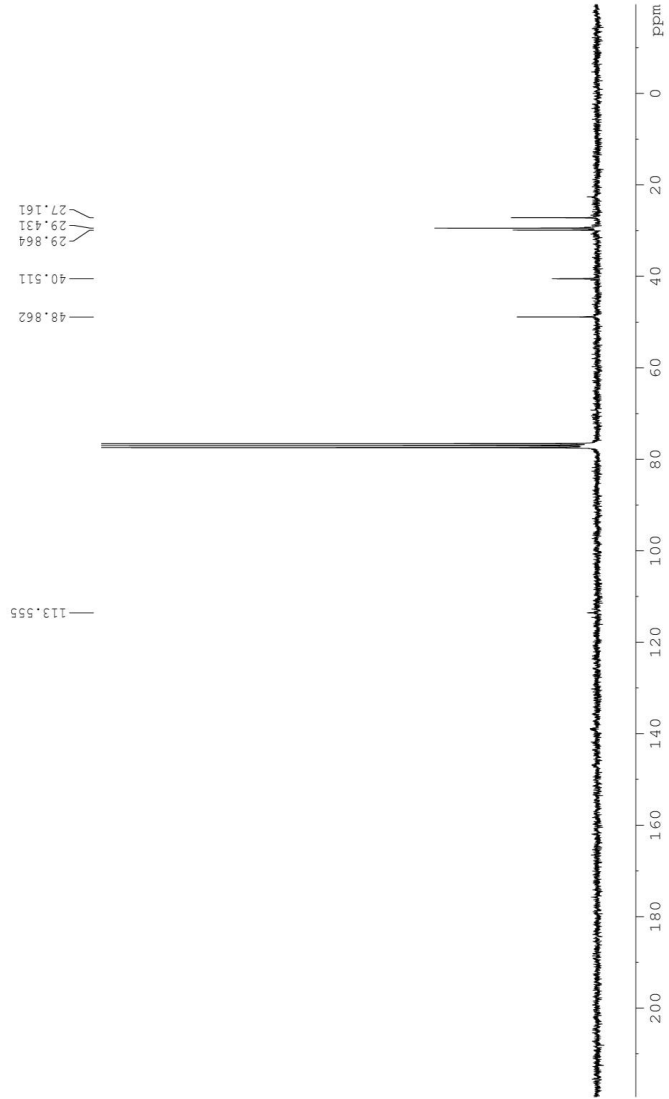
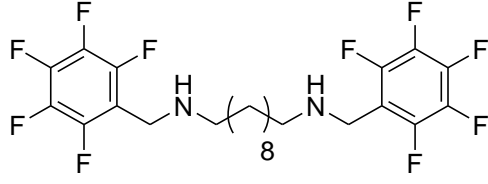




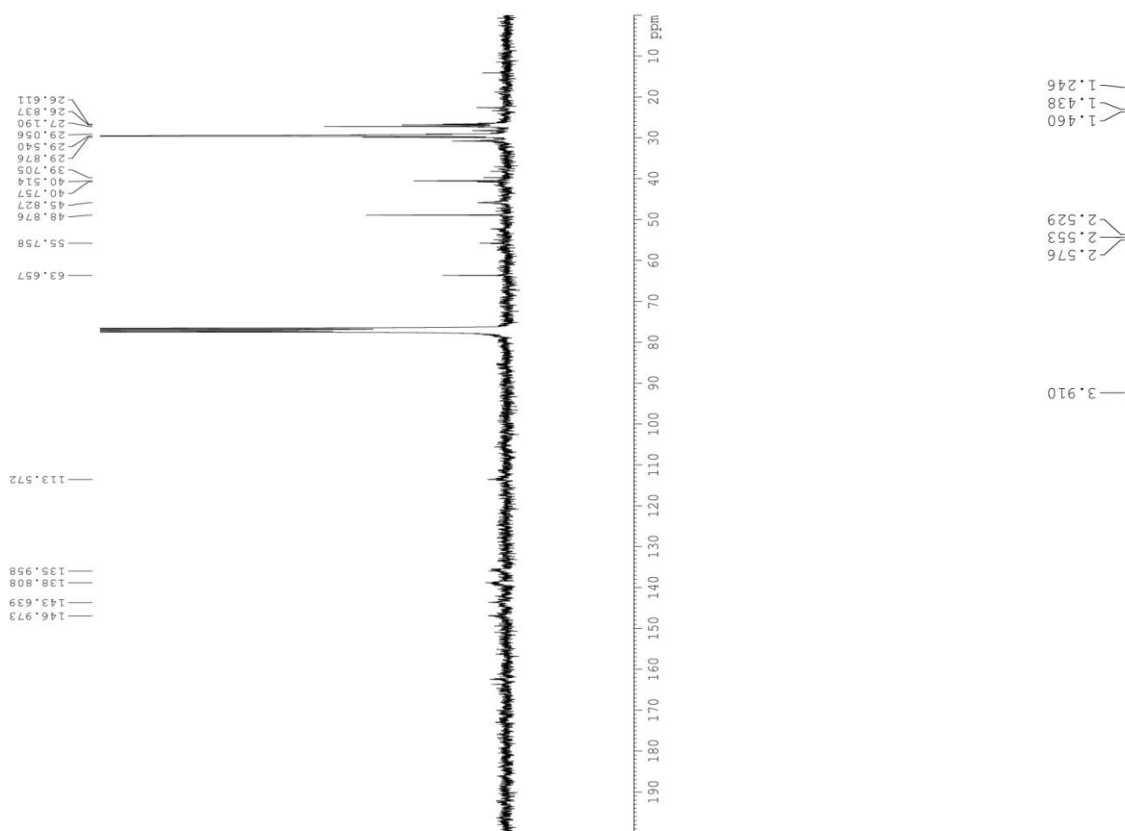
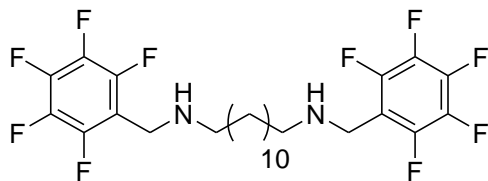


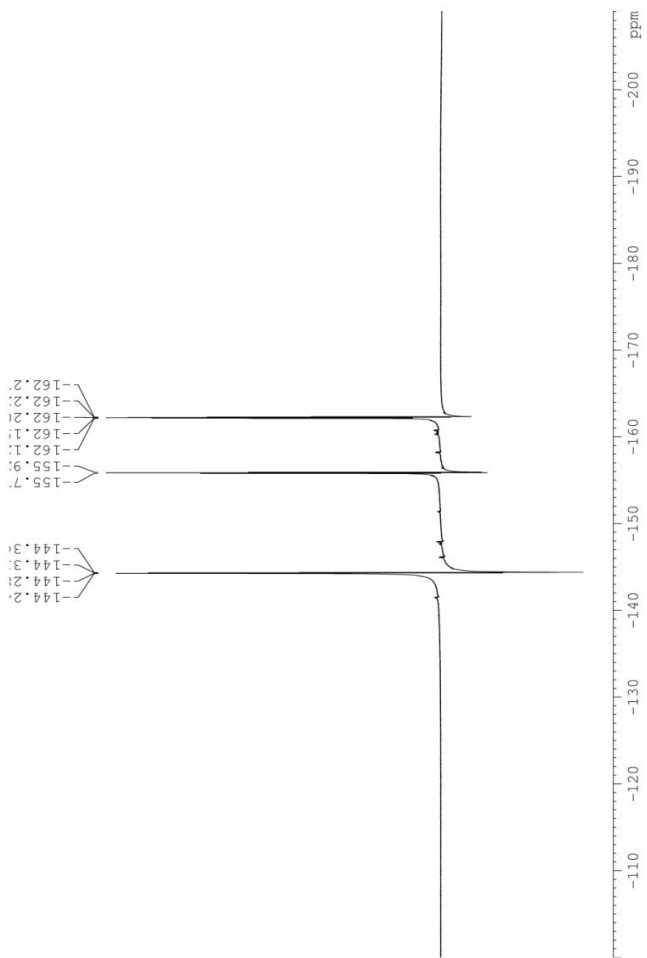
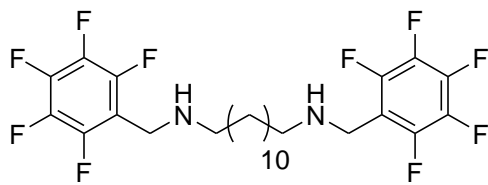
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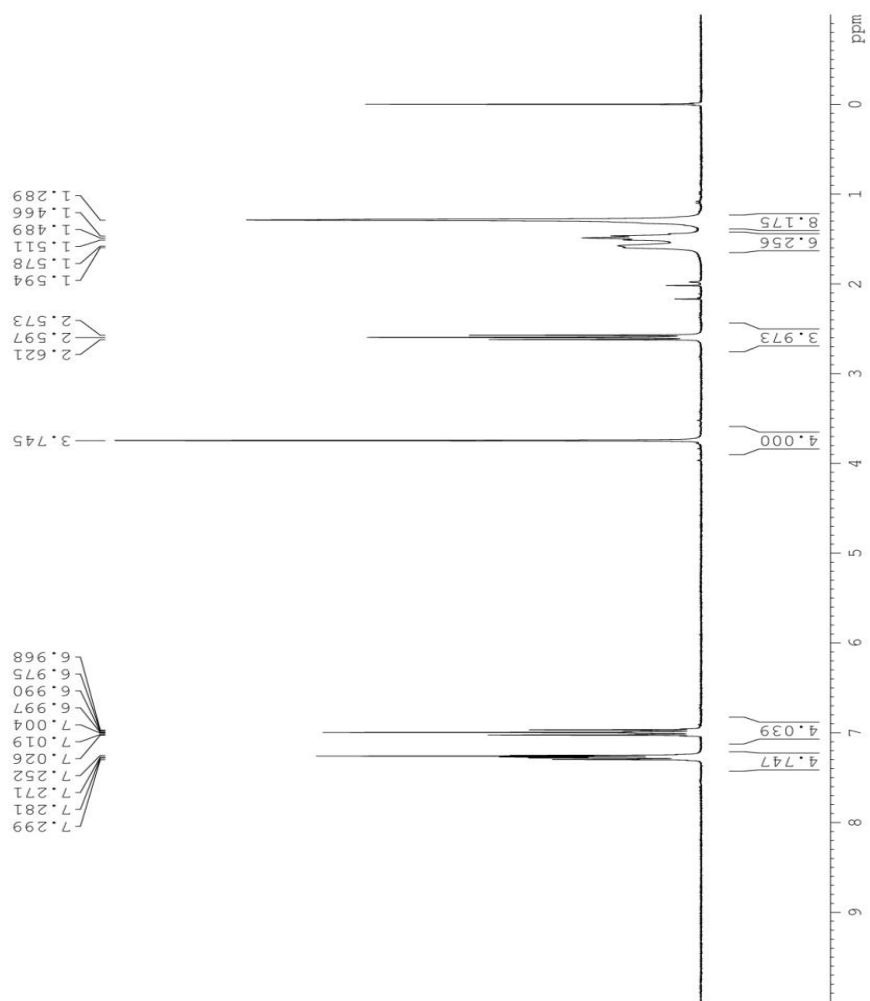
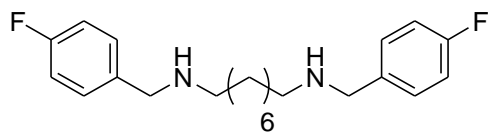


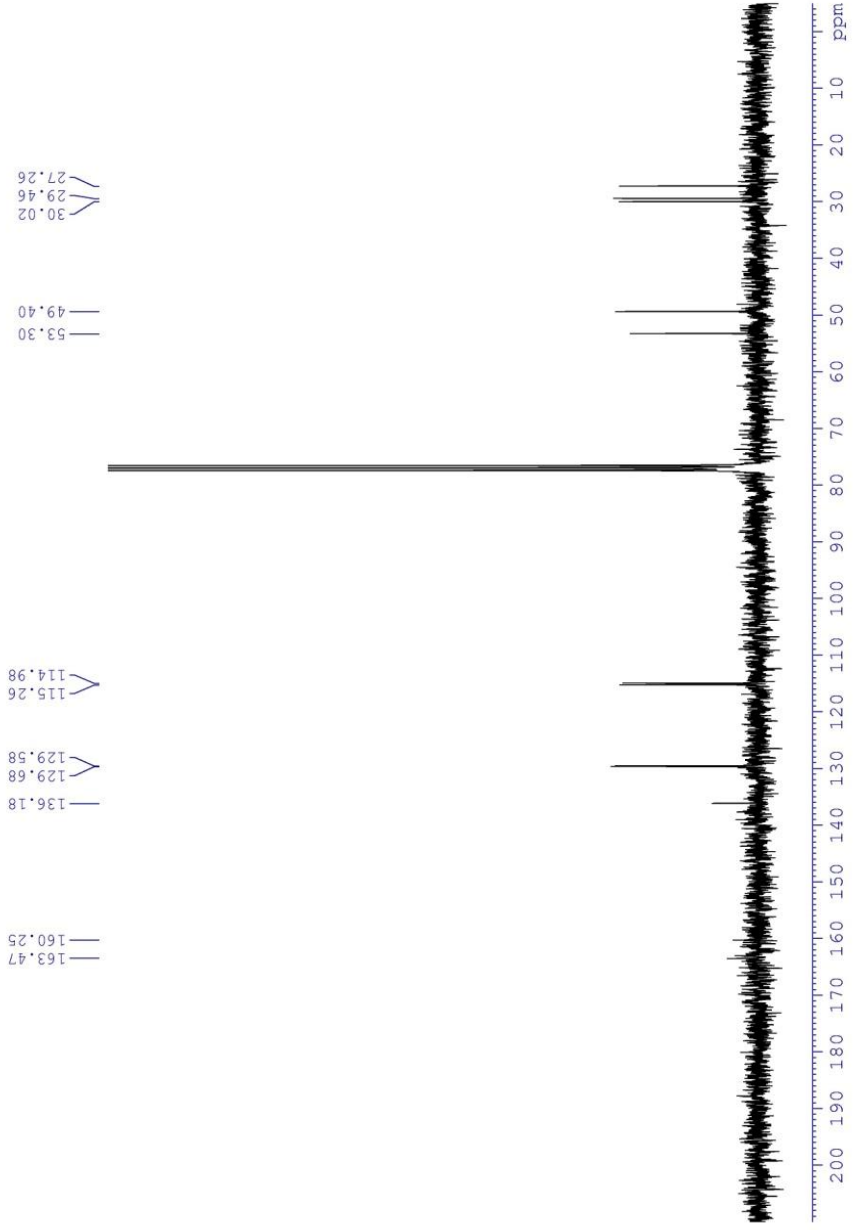
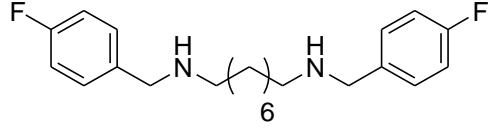
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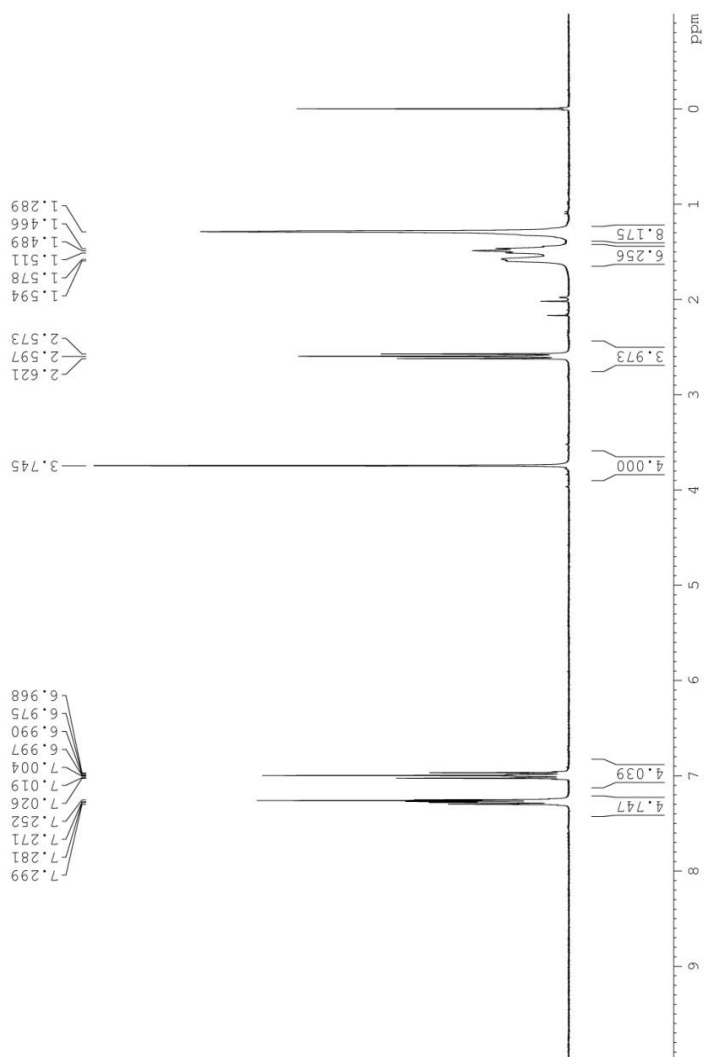
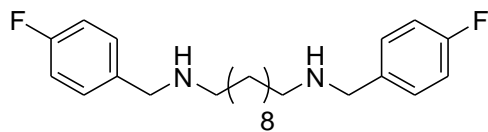


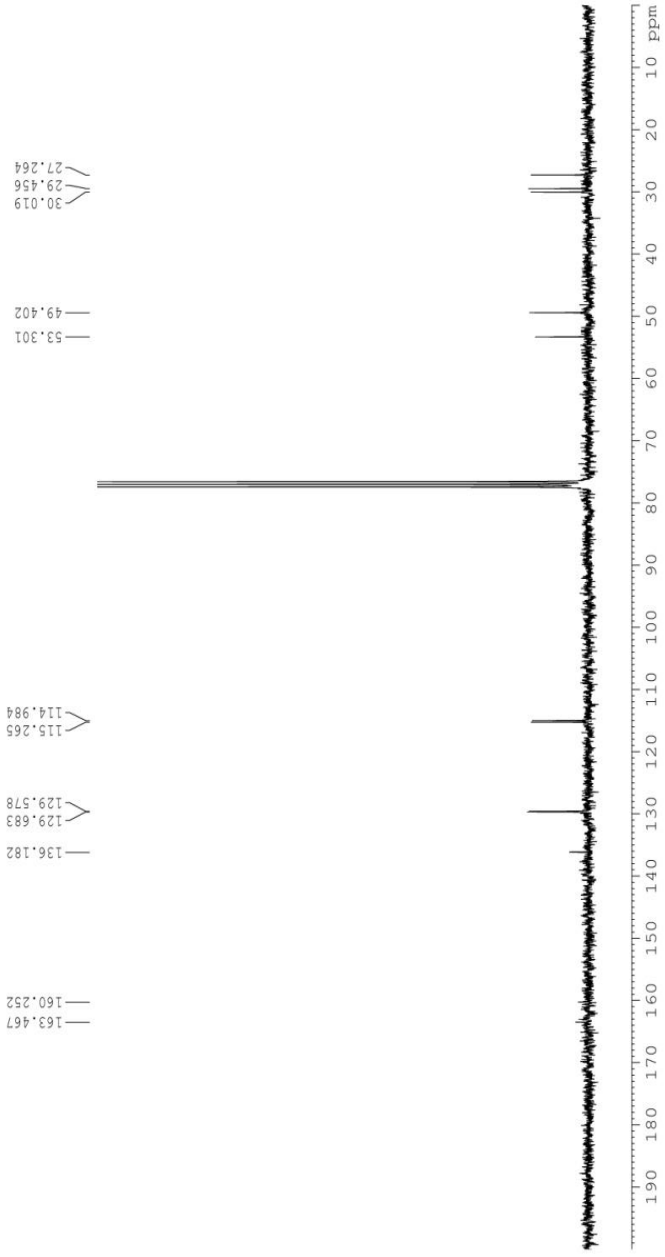
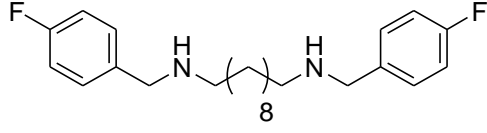
Espectro de RMN del compuesto 43



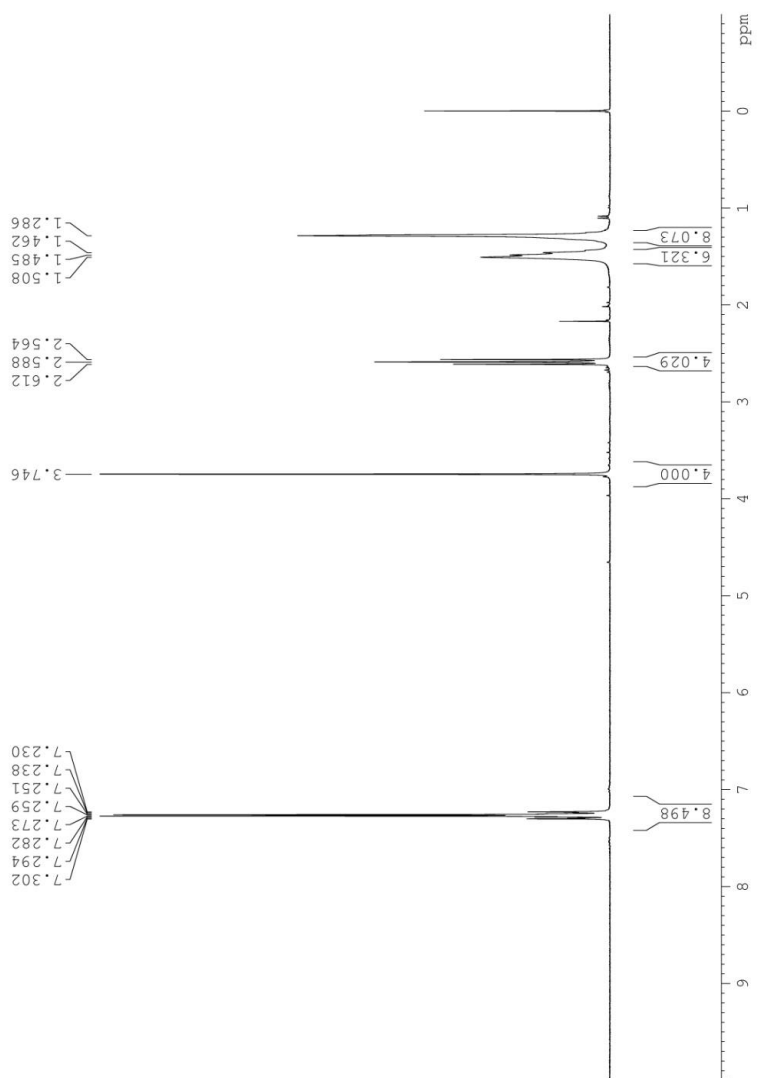
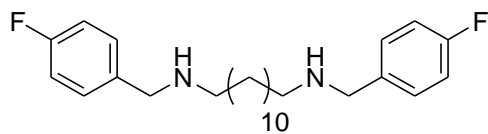


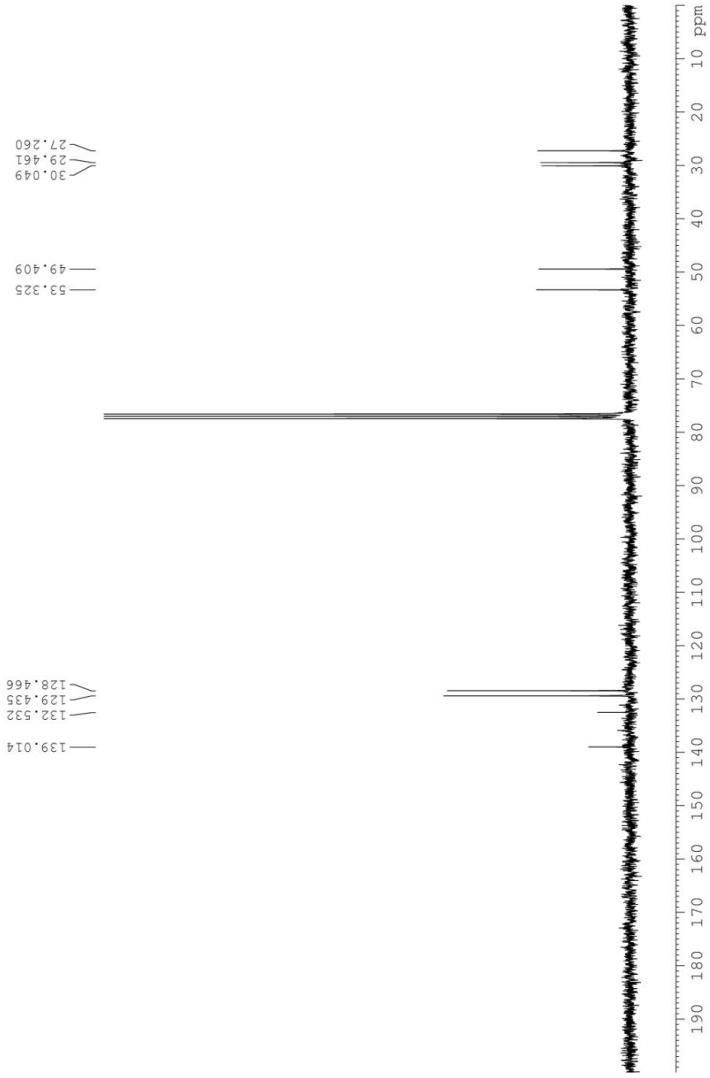
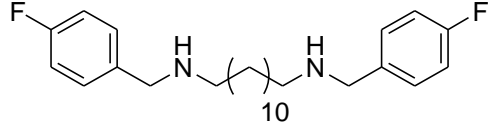
Espectro de RMN del compuesto 44



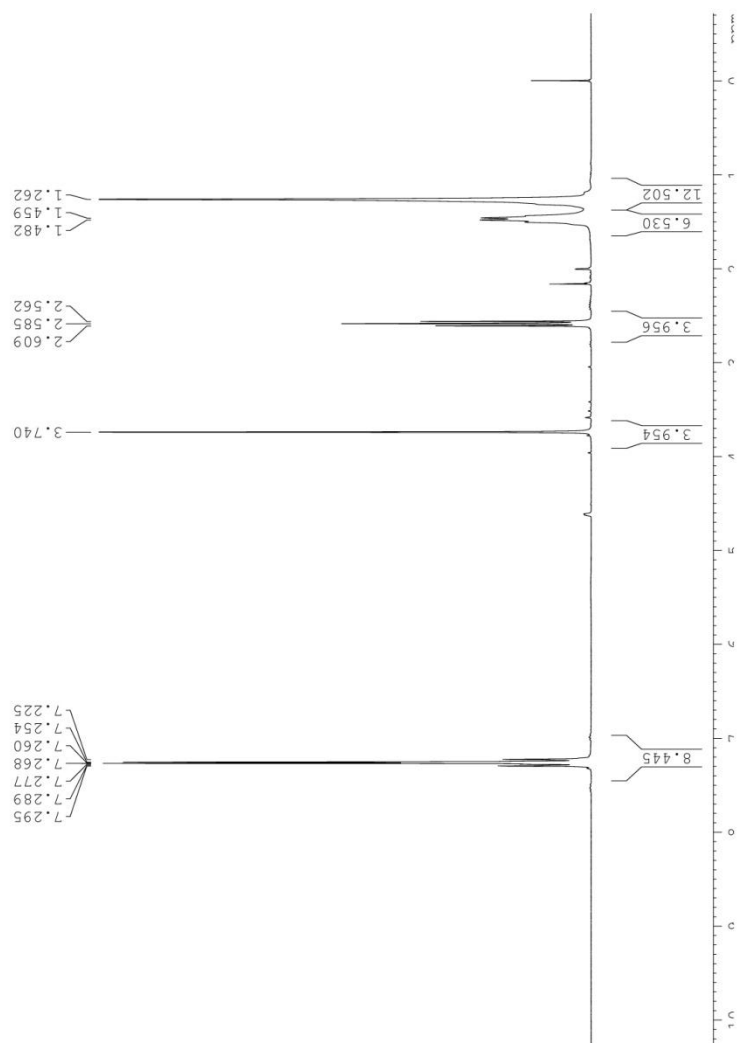
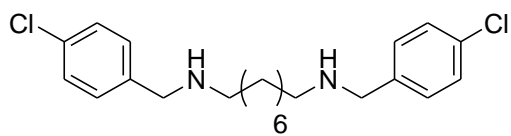


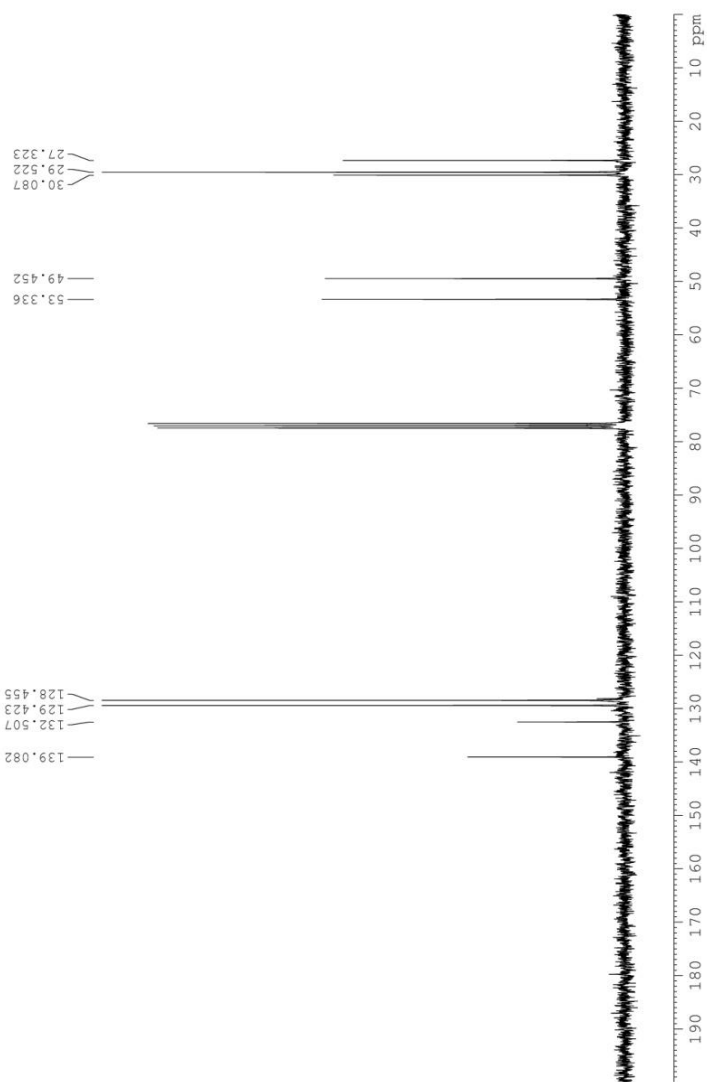
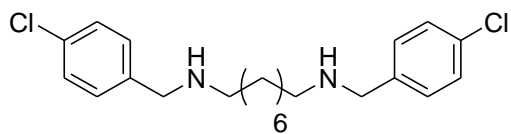
Espectro de RMN del compuesto 45

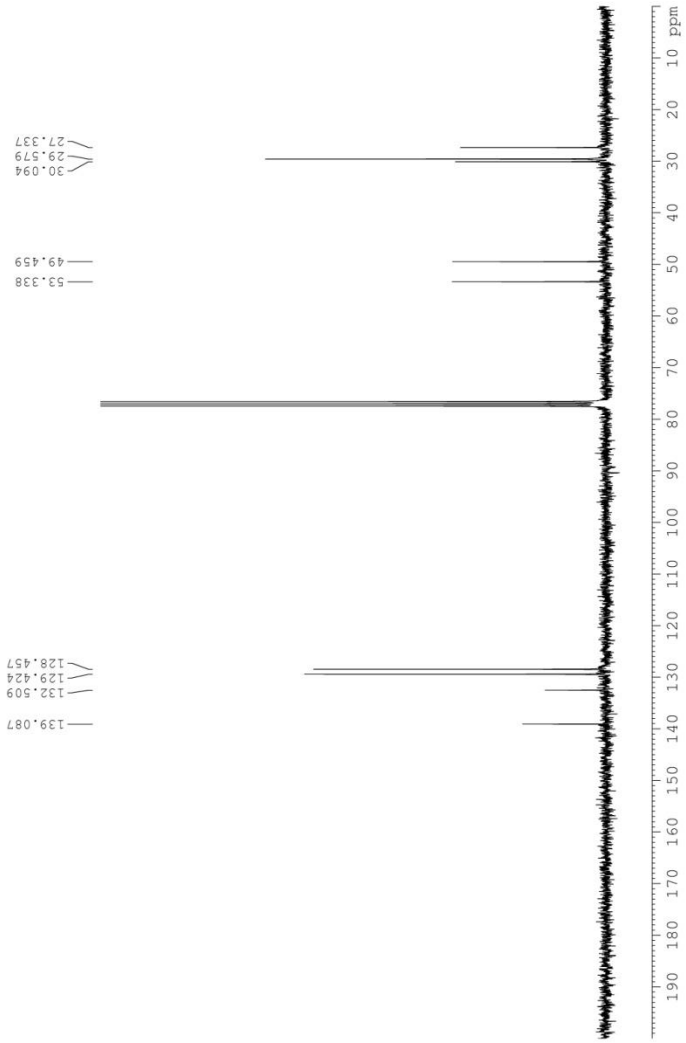
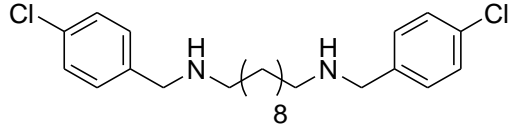


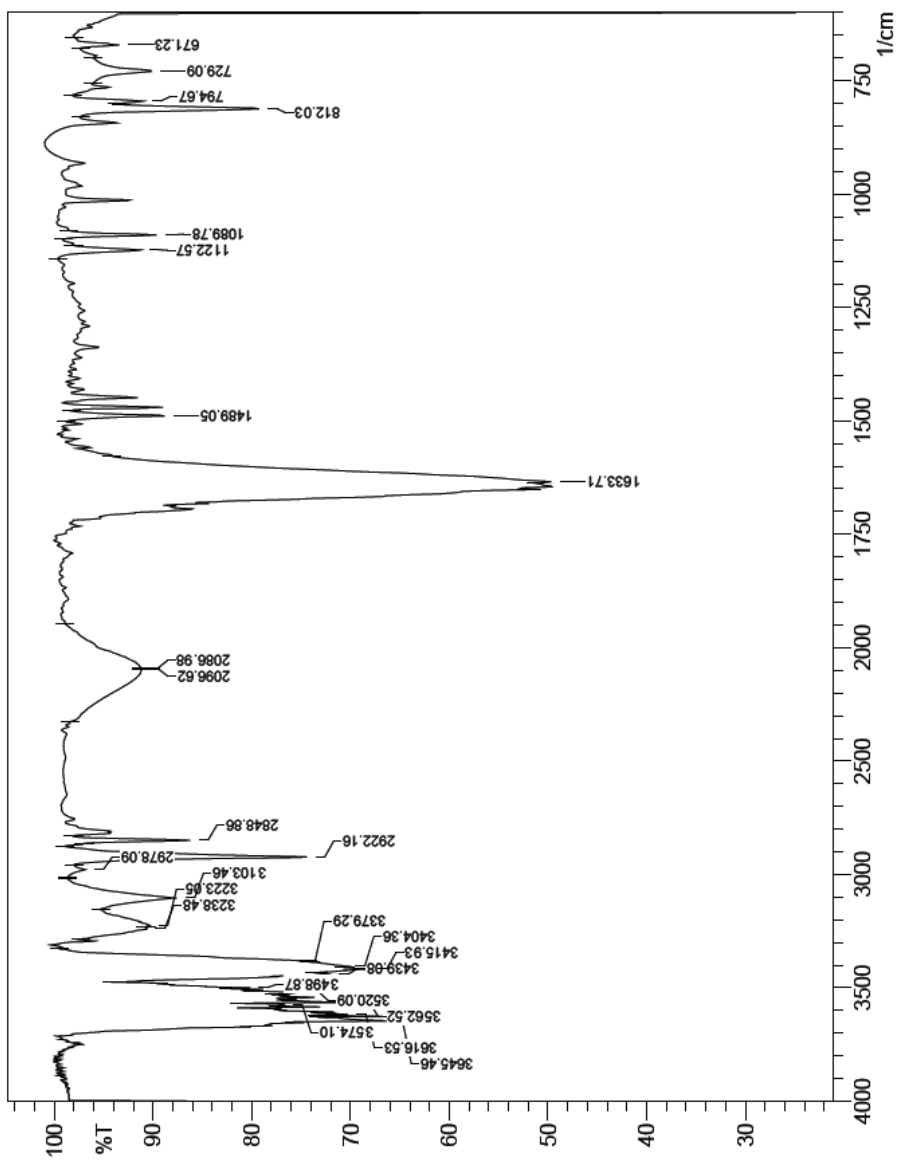
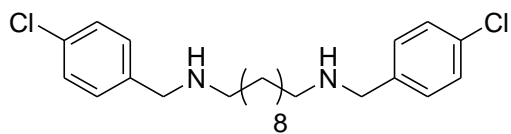


Espectro de RMN del compuesto 46

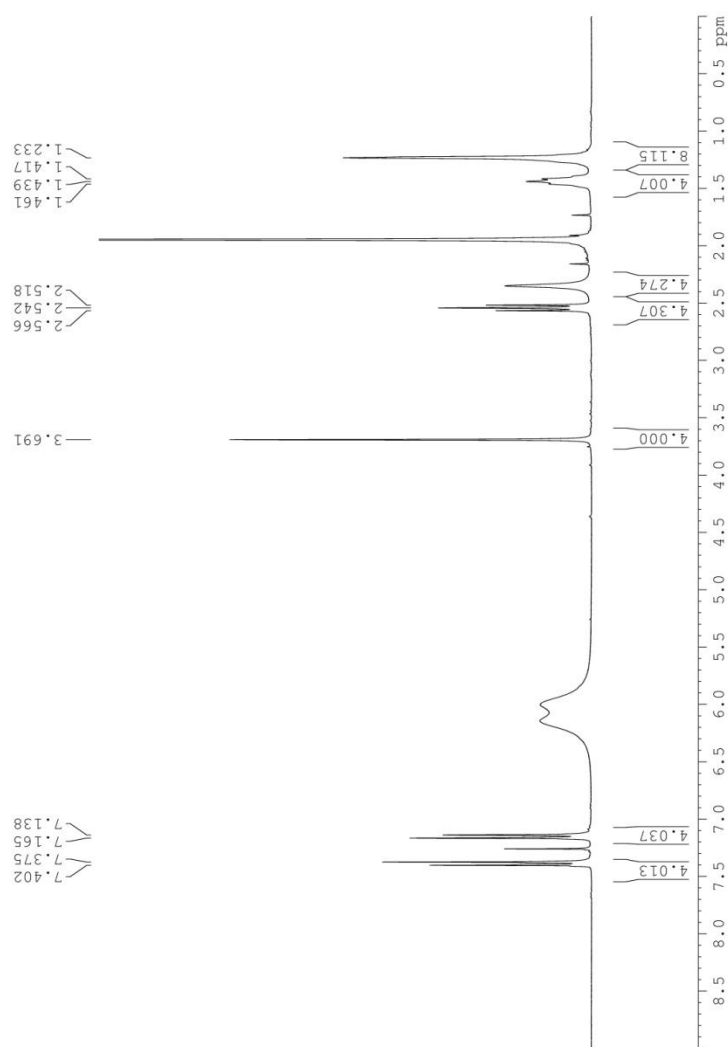
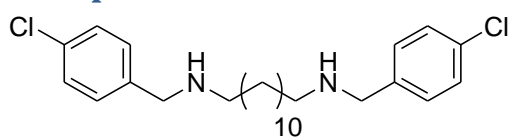


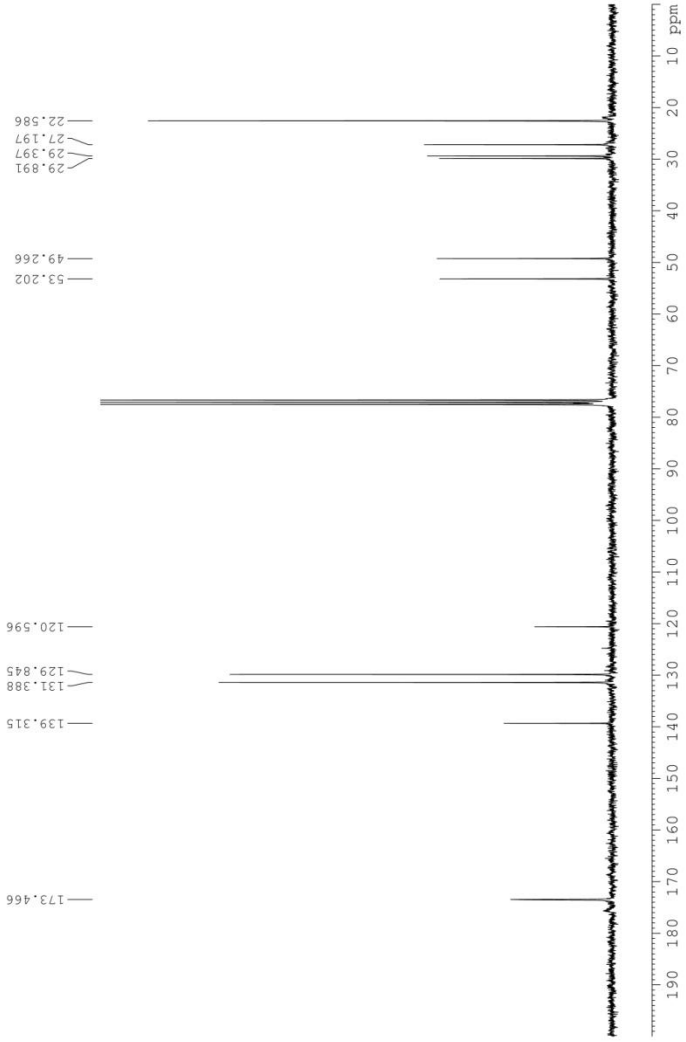
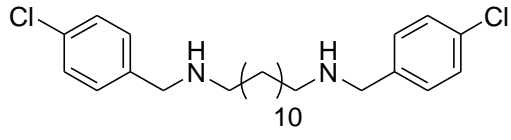


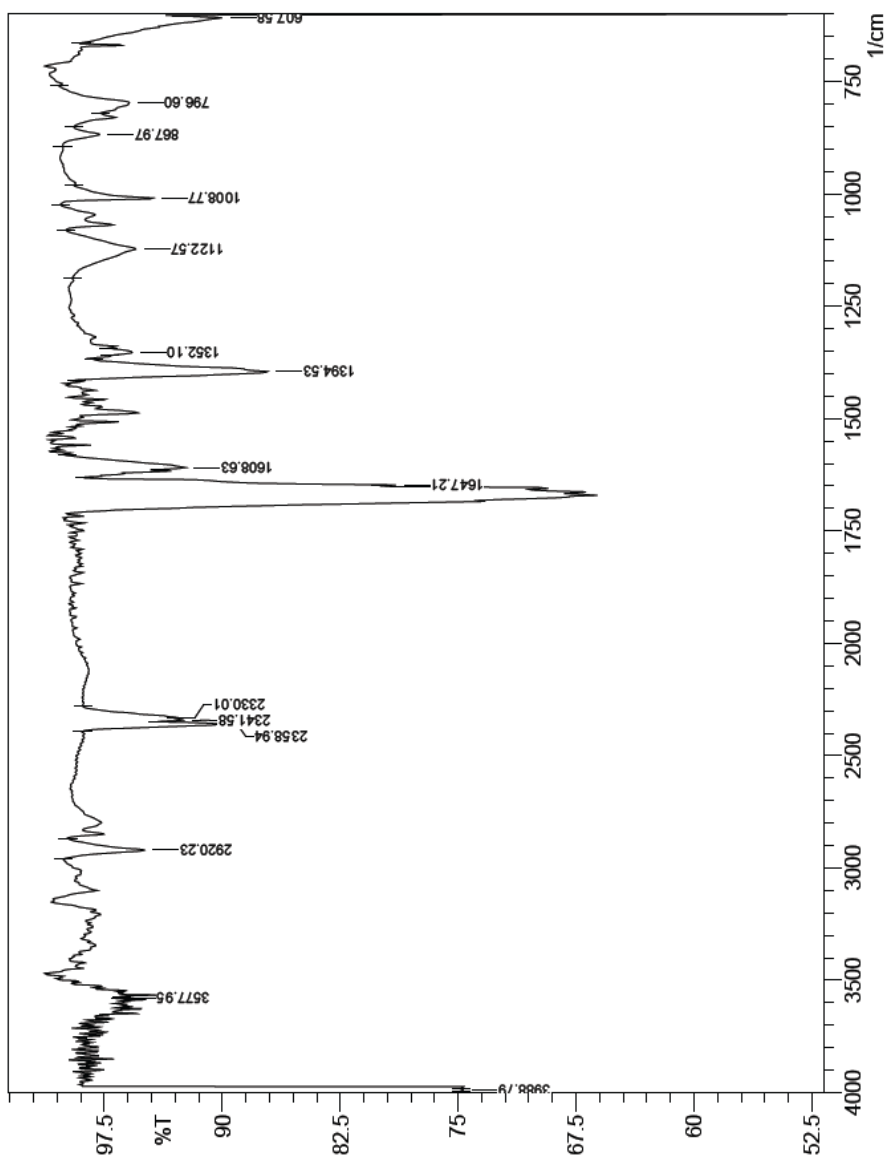
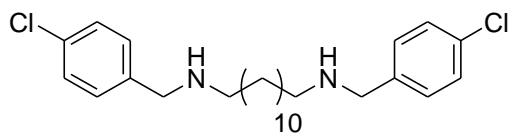




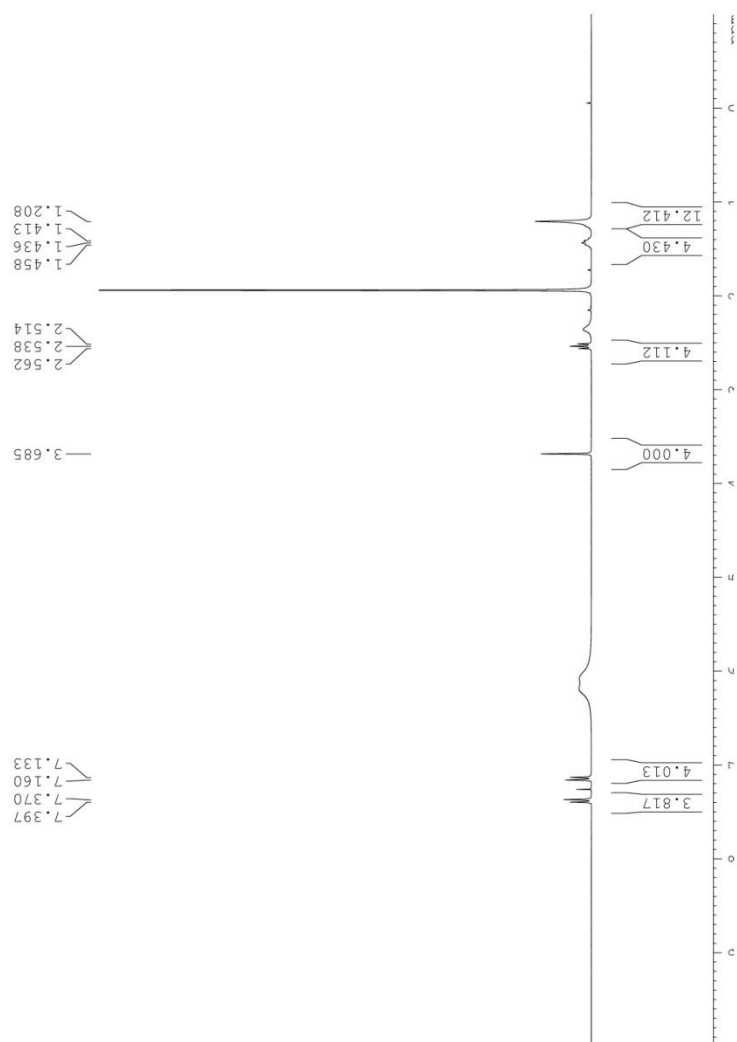
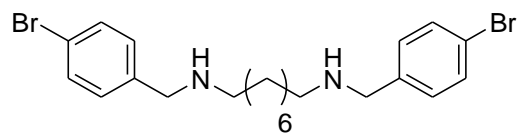
Espectro de RMN de compuesto 48.

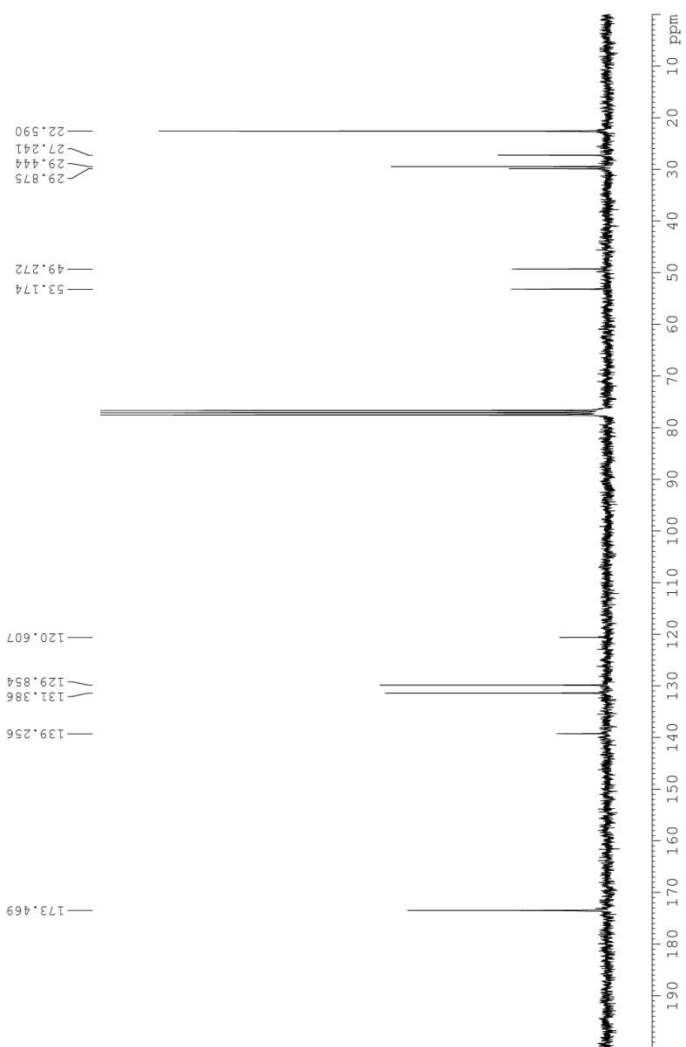
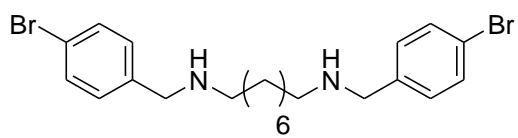


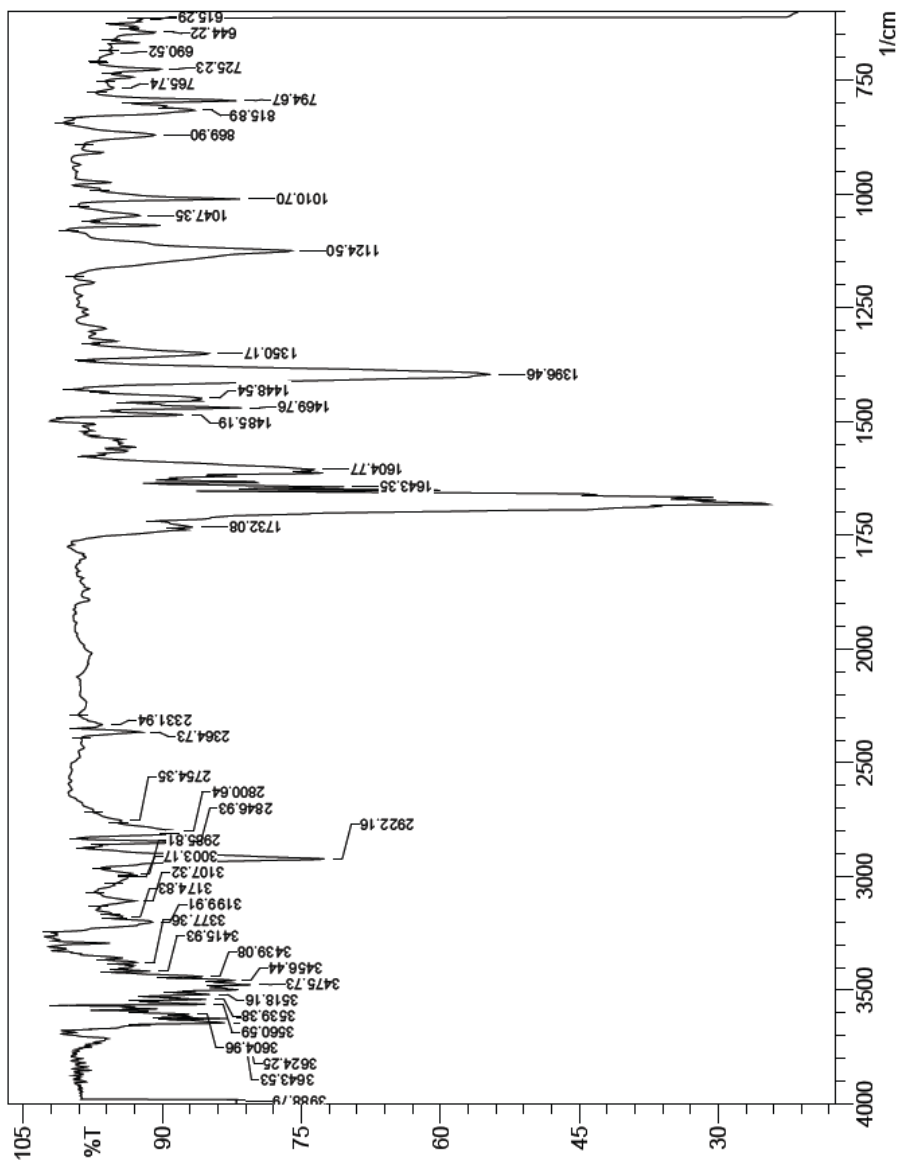
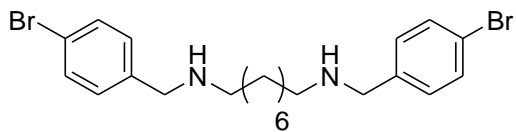




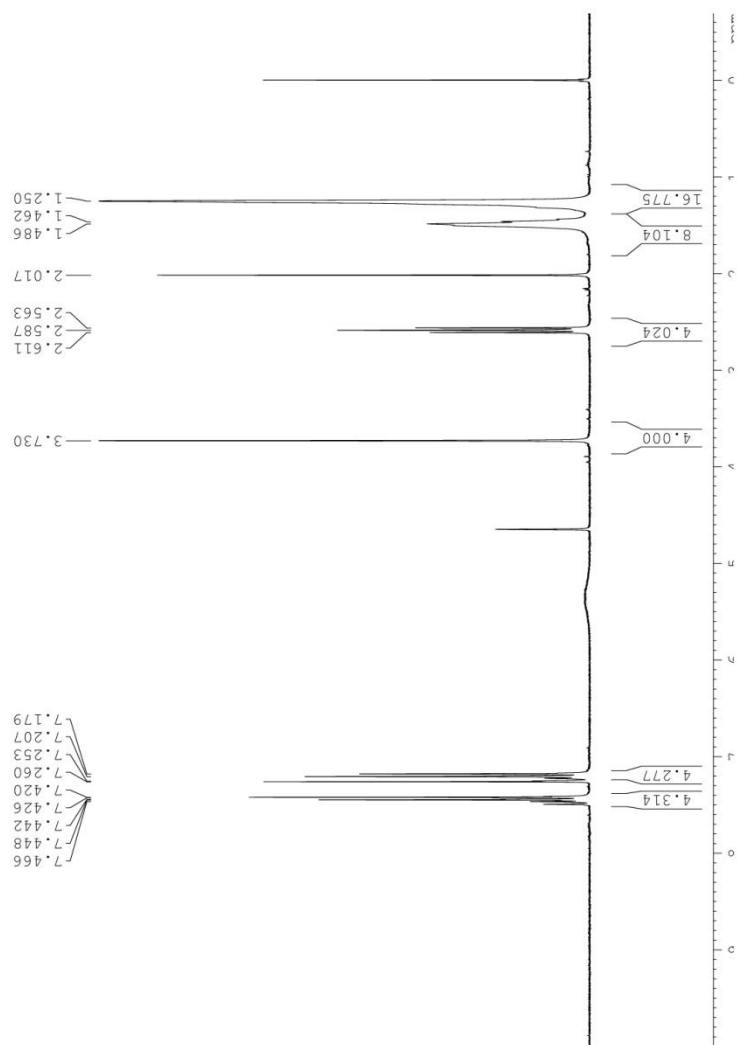
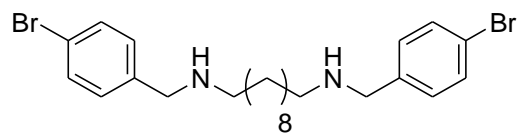
Espectro de RMN del compuesto 49

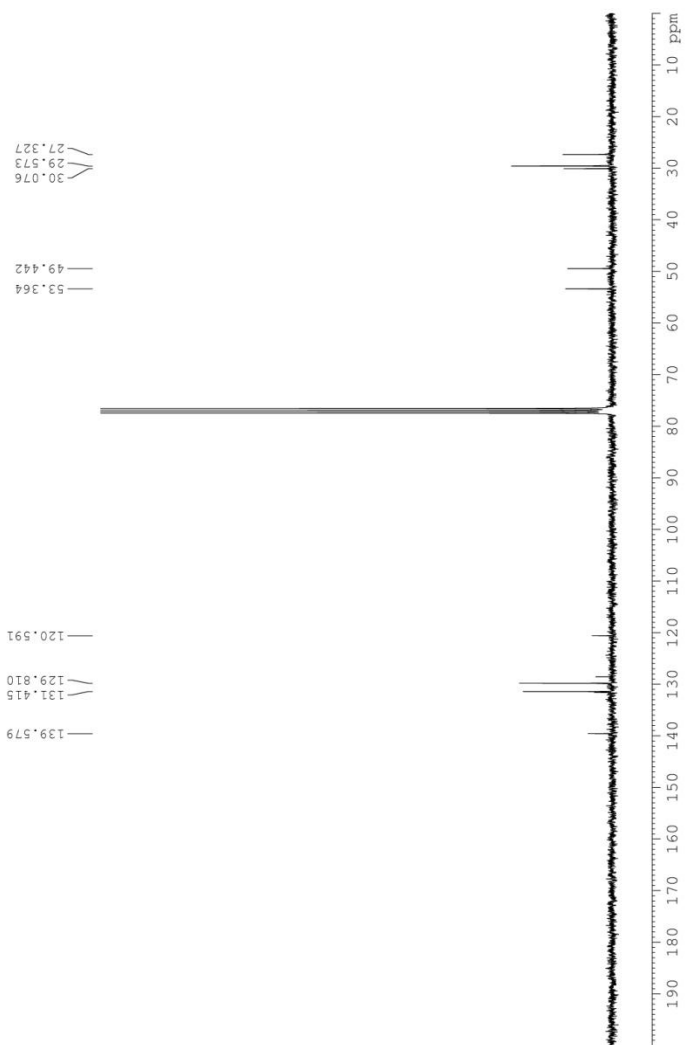
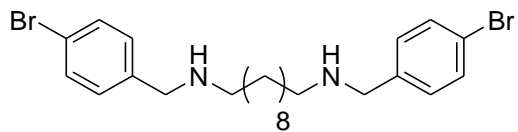


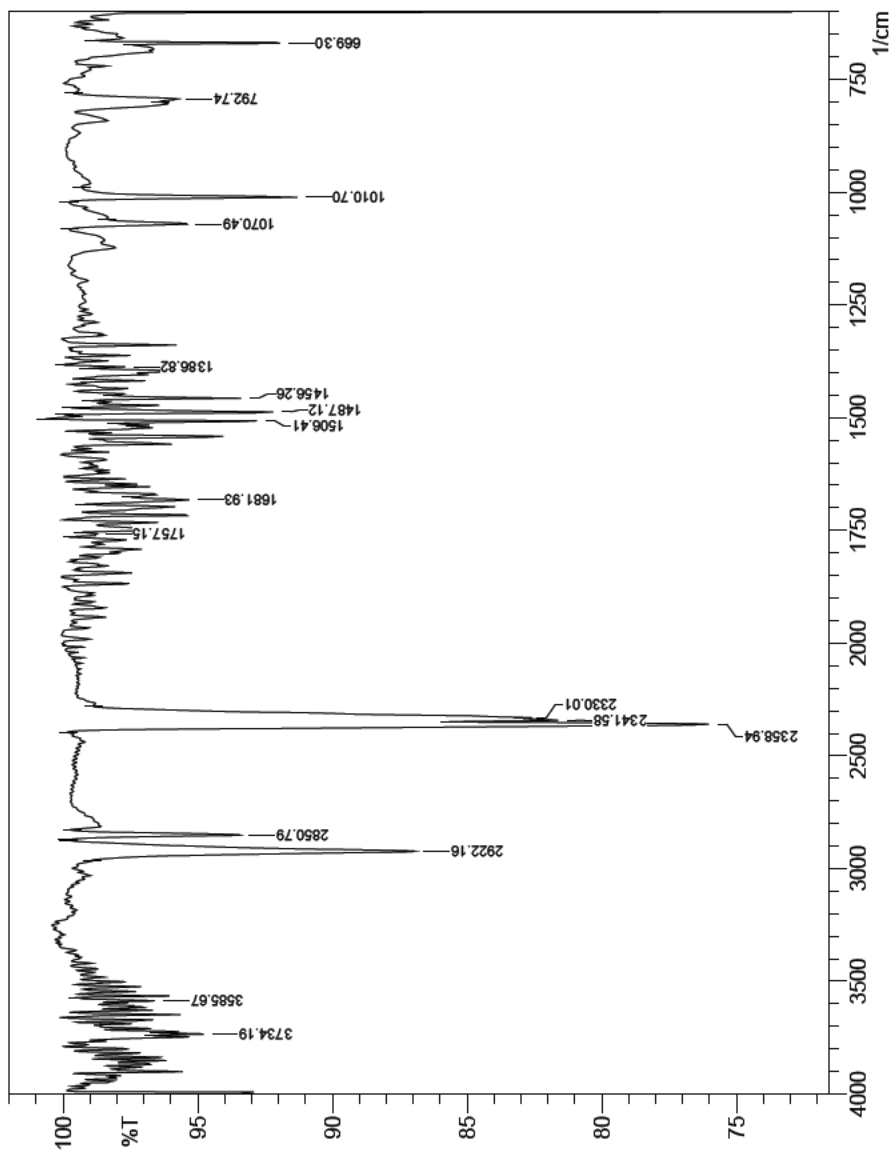
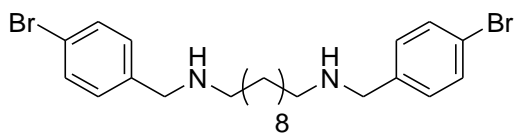




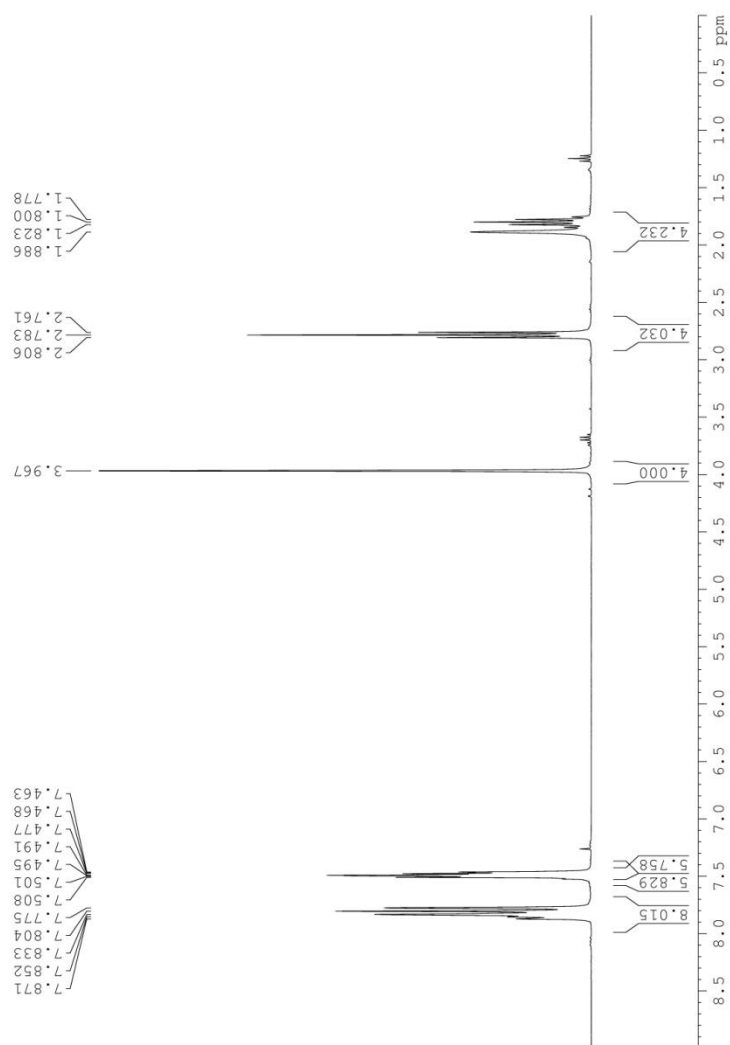
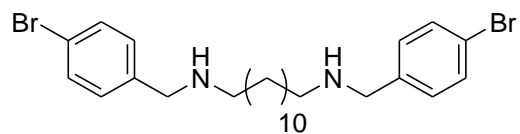
Espectro de RMN del compuesto 50

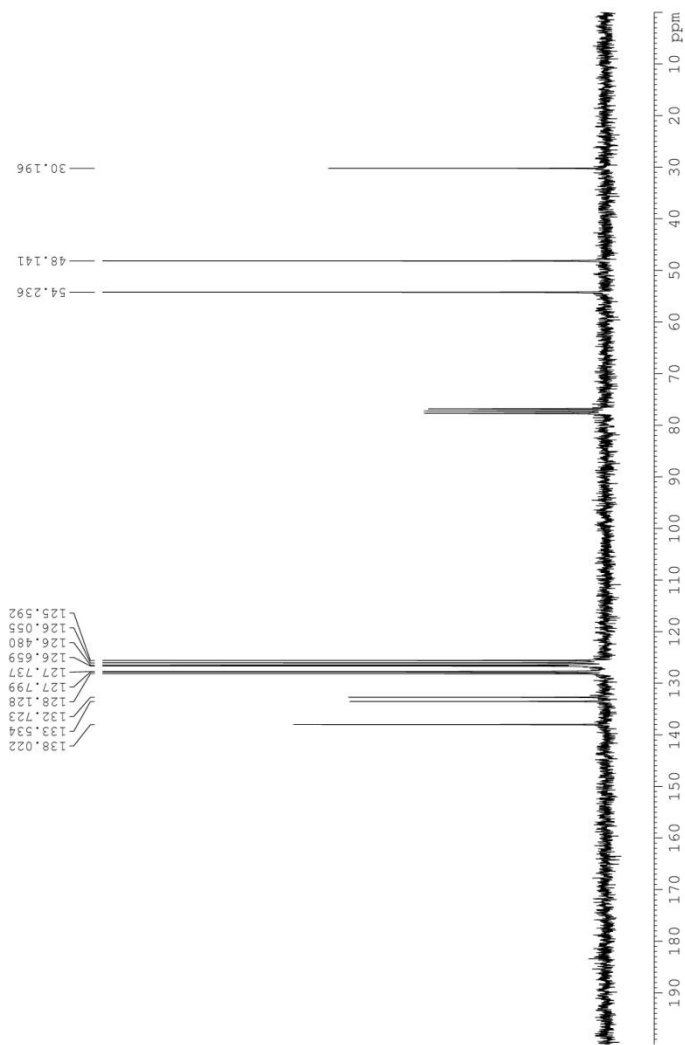
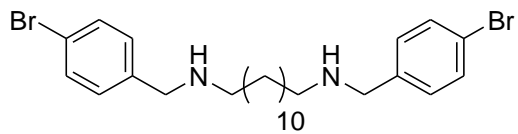


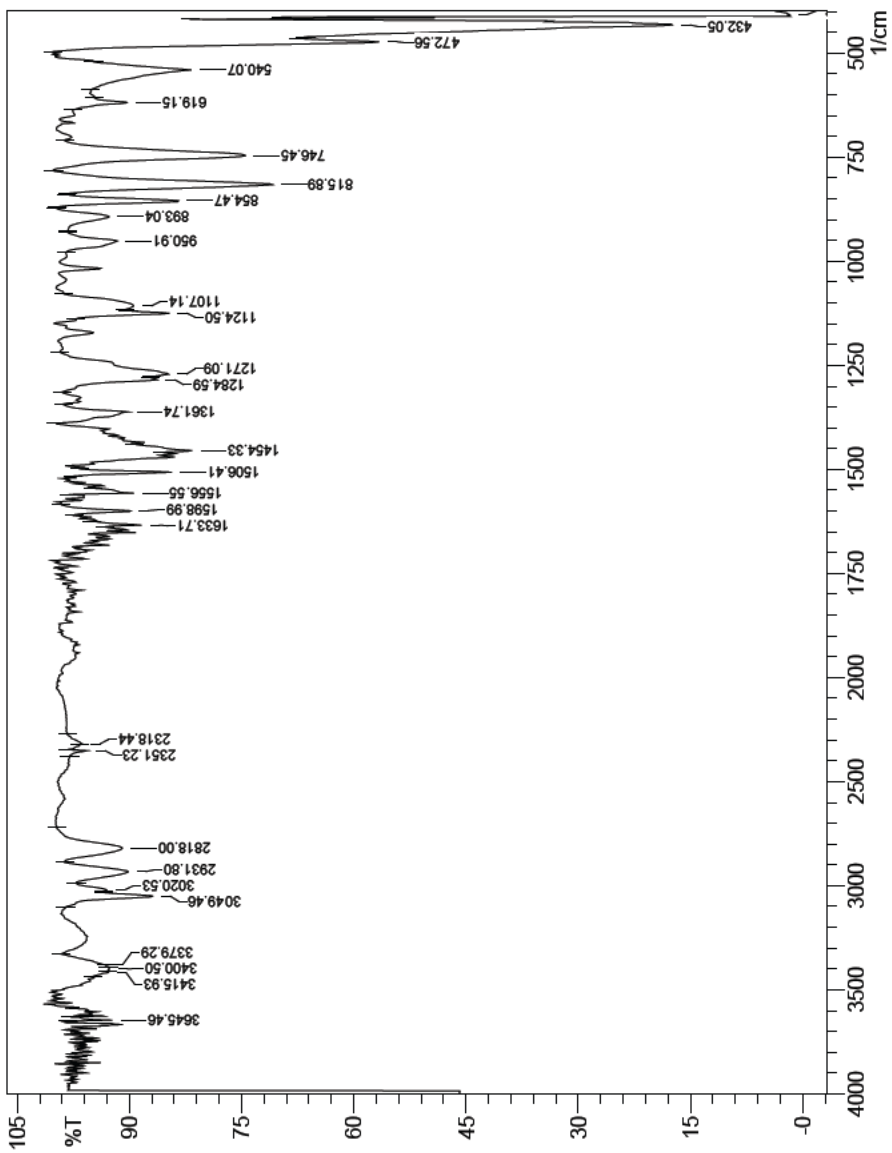
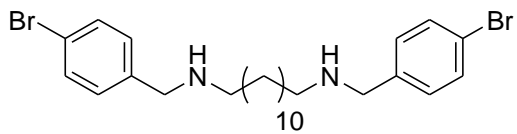




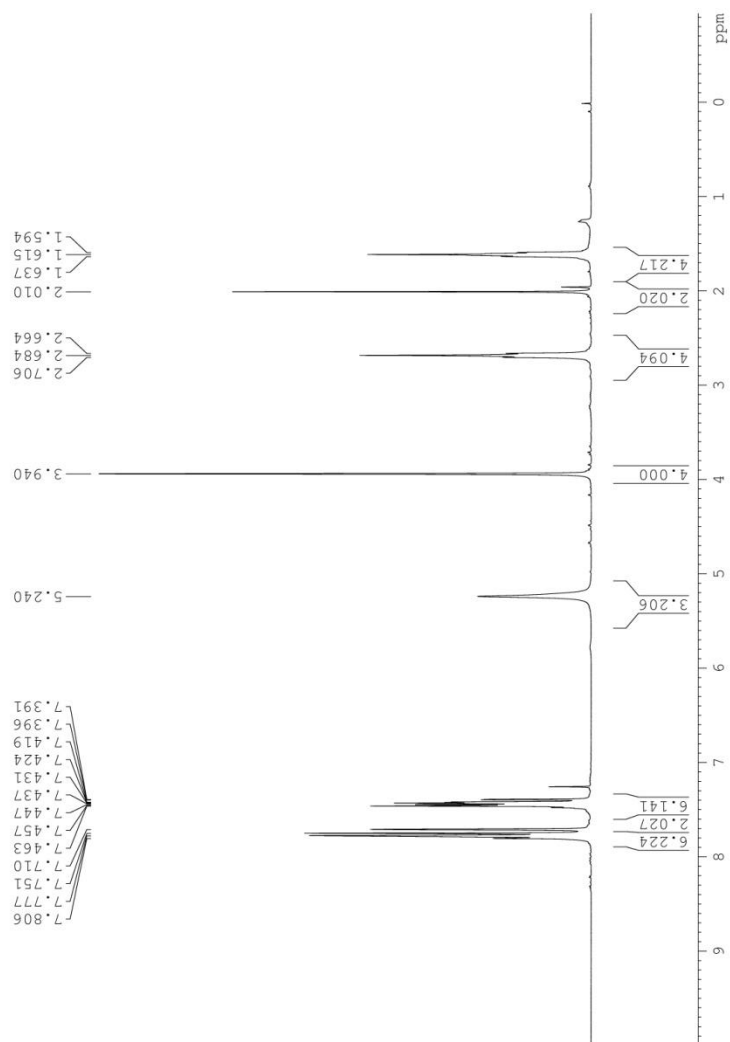
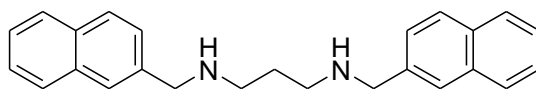
Espectro de RMN del compuesto 51

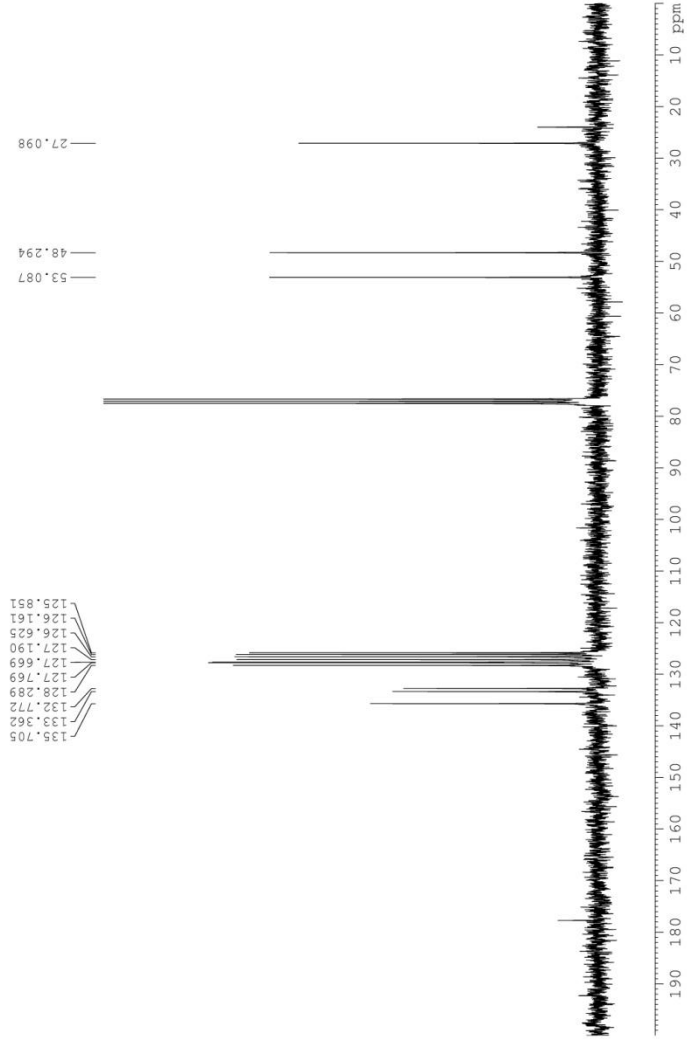
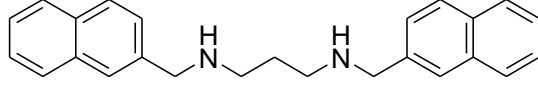




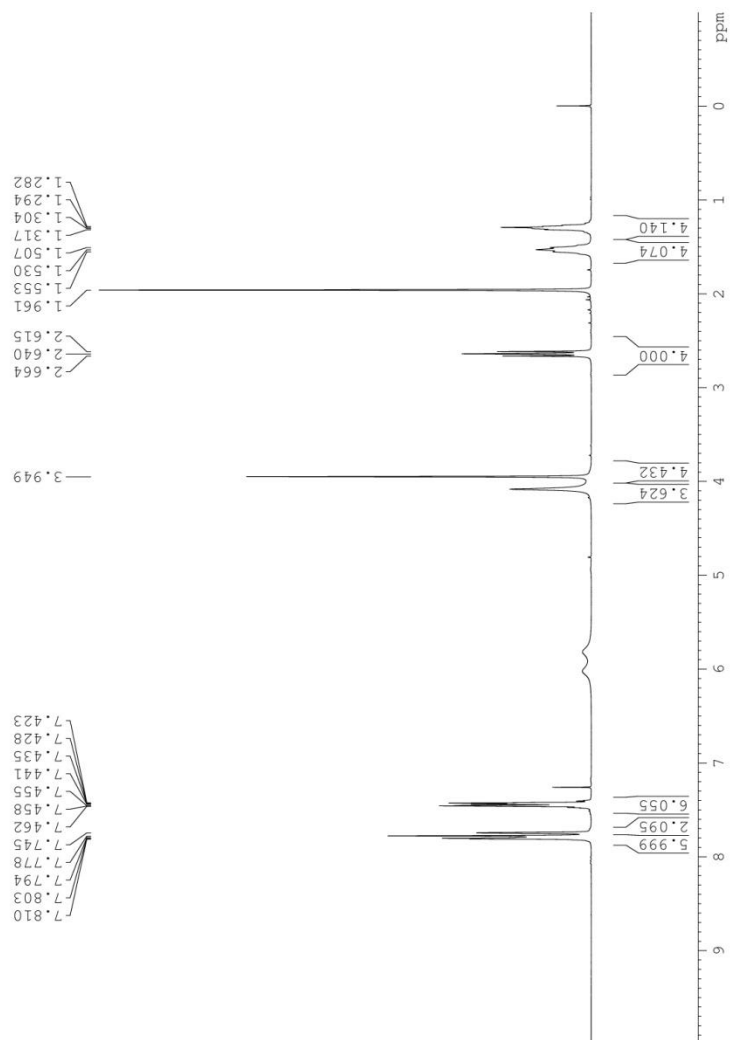
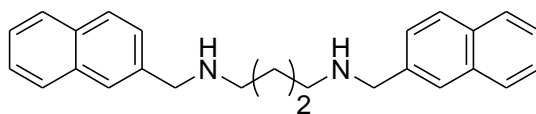


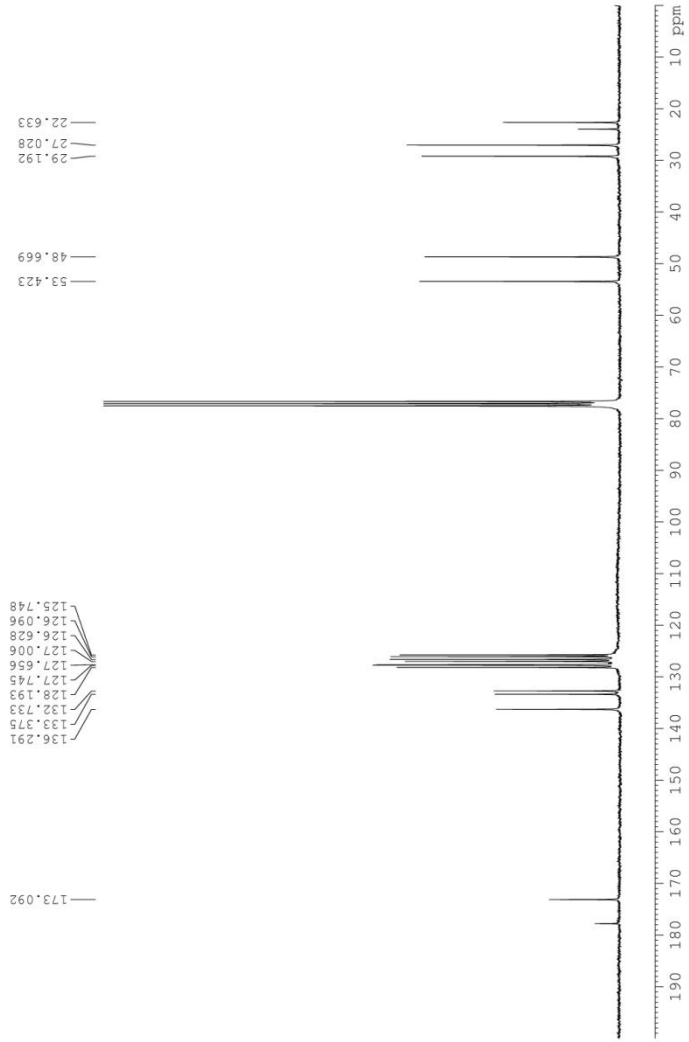
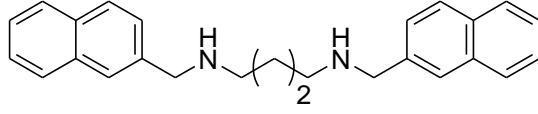
Espectro de RMN del compuesto 52



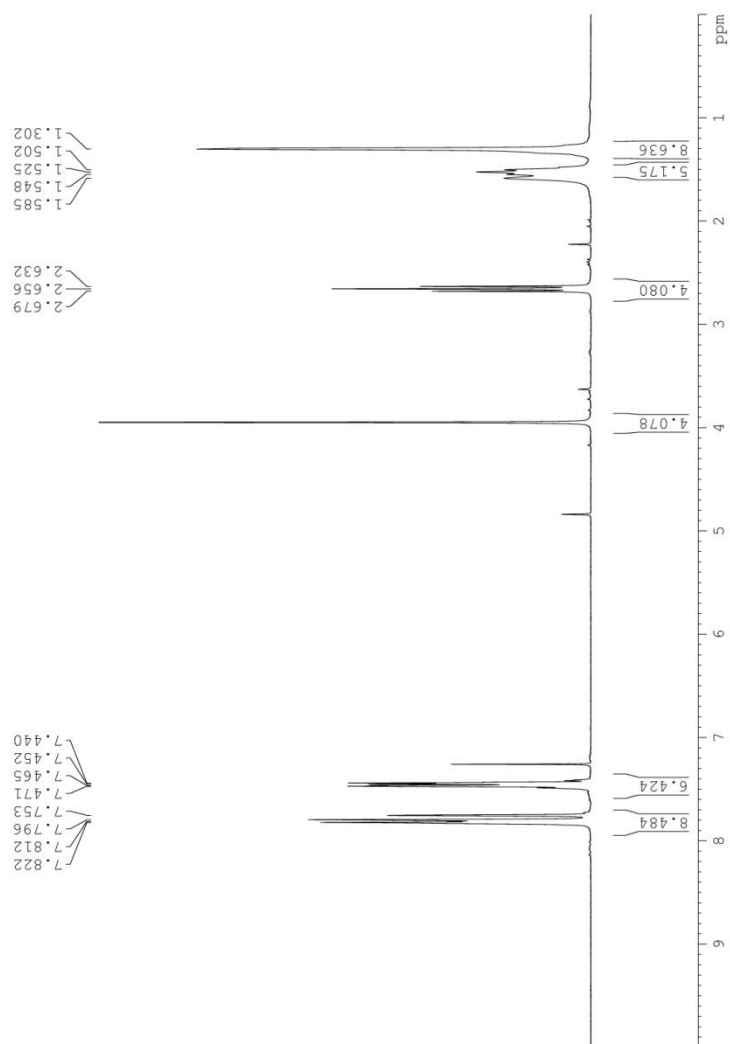
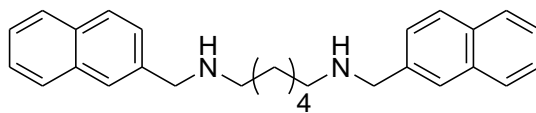


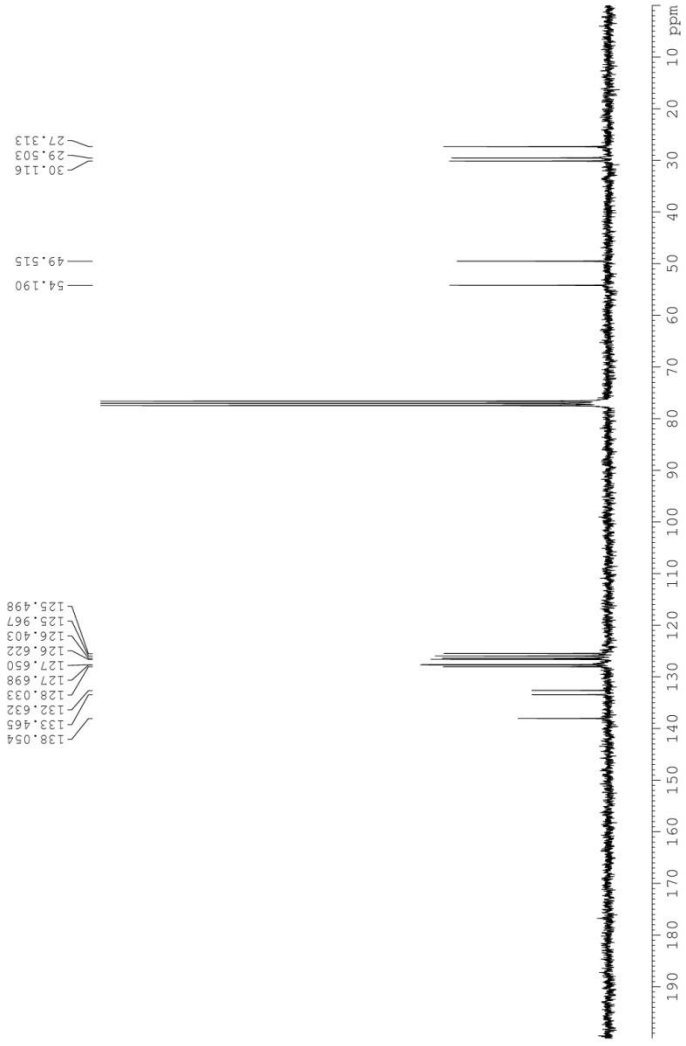
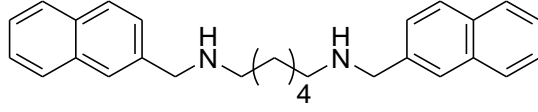
Espectro de RMN del compuesto 53





Espectro de RMN del compuesto 54

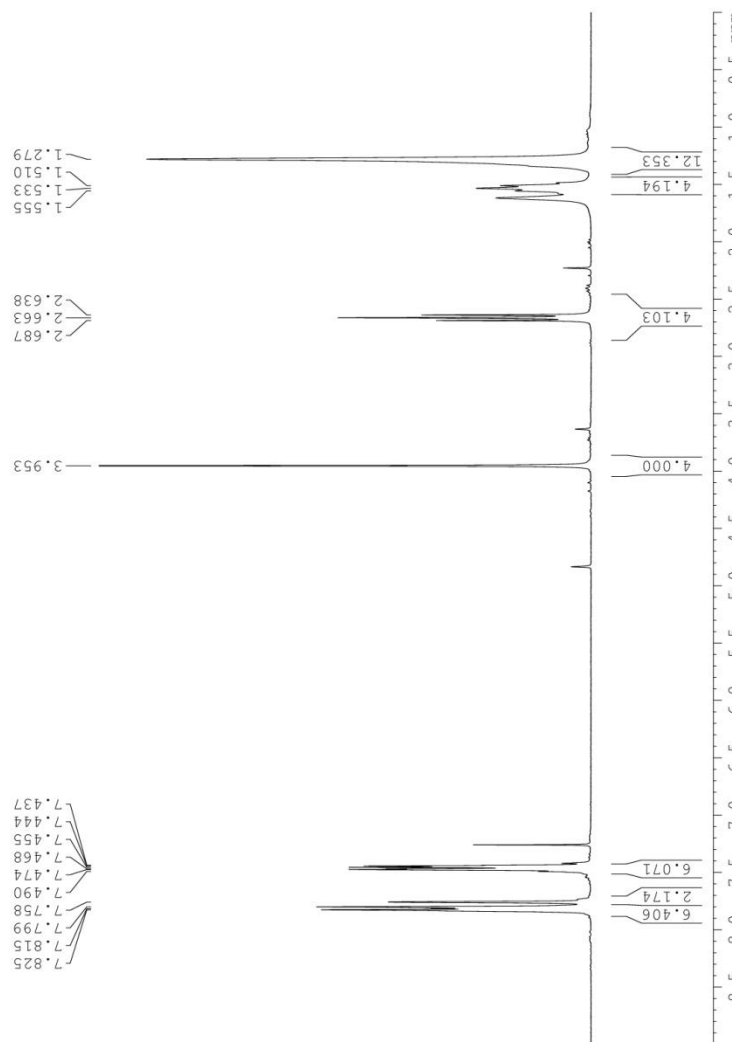
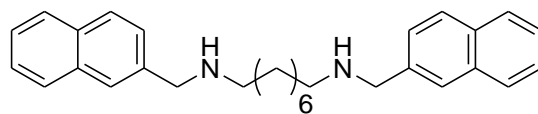


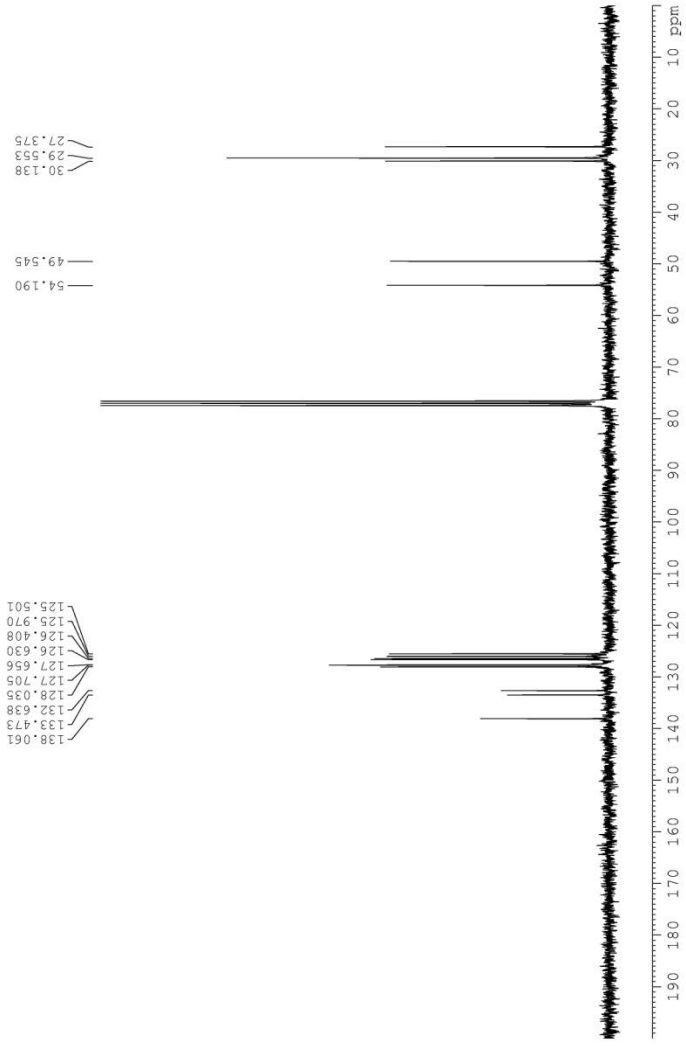
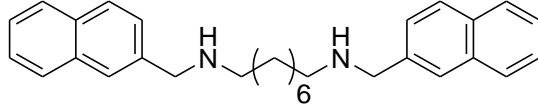


- 138.054
- 133.465
- 132.632
- 128.033
- 127.698
- 127.650
- 126.622
- 126.403
- 125.967
- 125.498

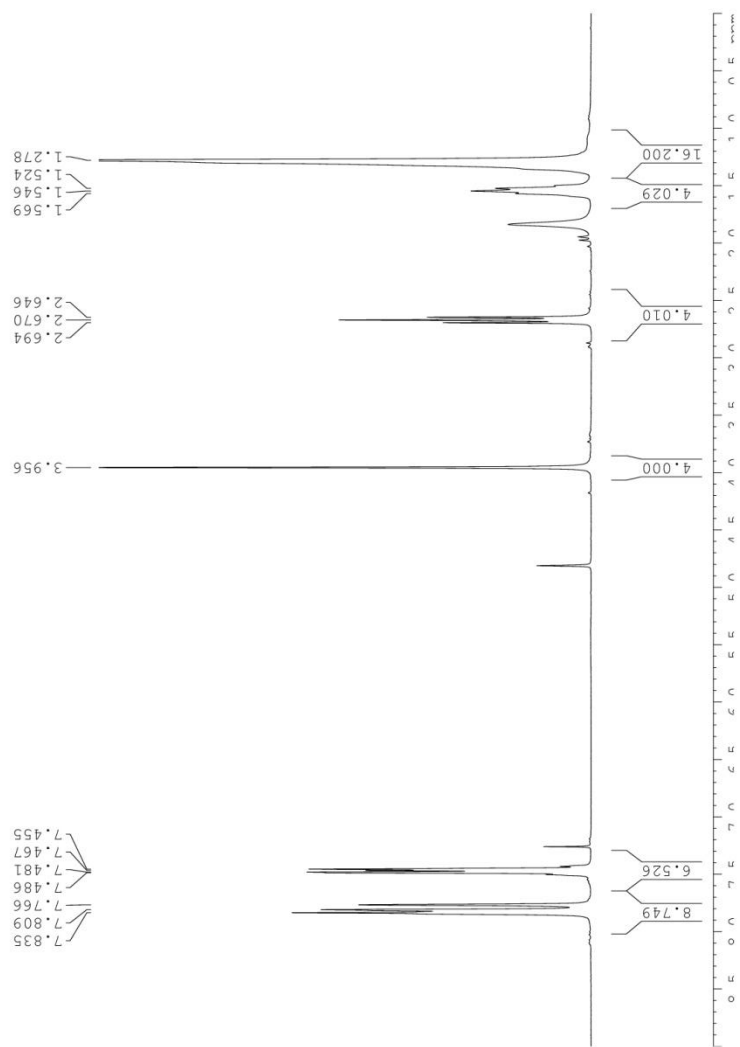
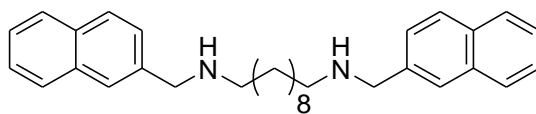
- 54.190
- 49.515
- 30.116
- 29.503
- 27.313

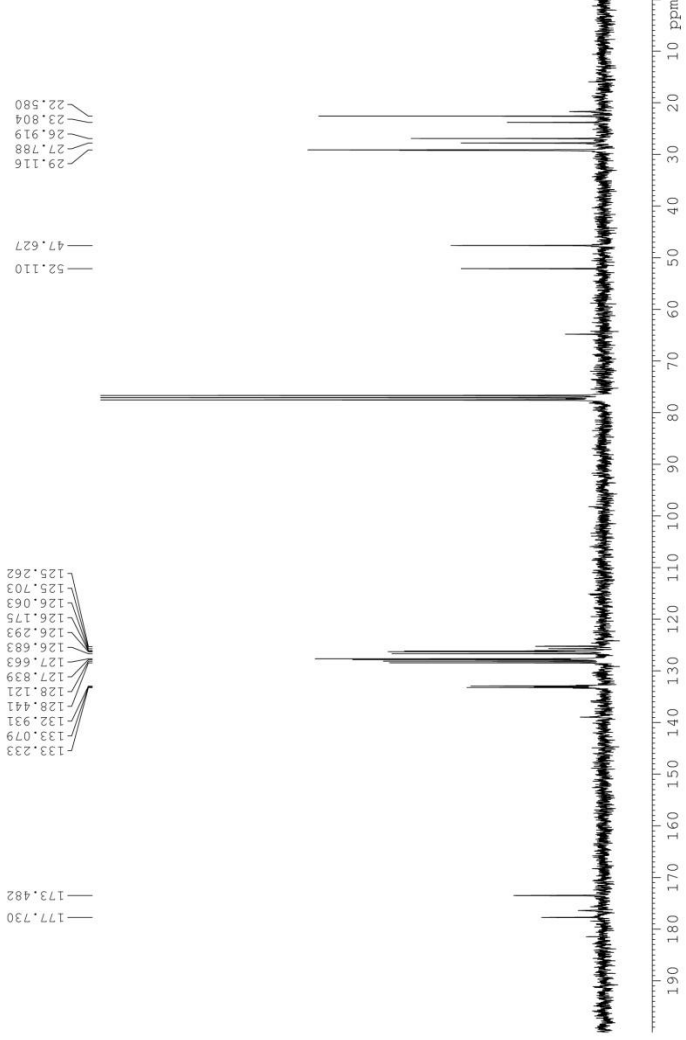
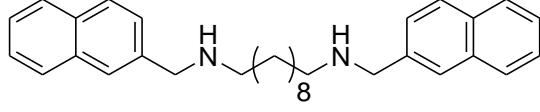
Espectro de RMN del compuesto 55

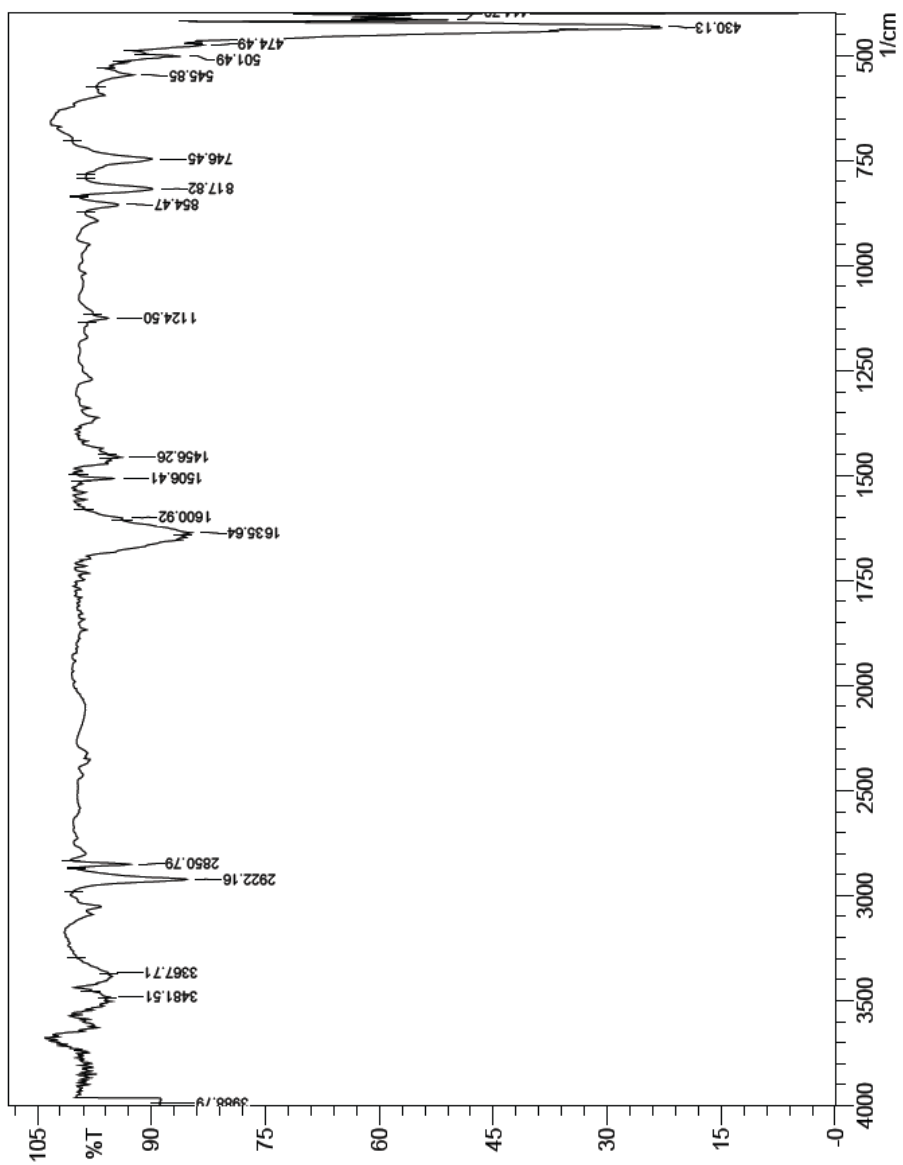
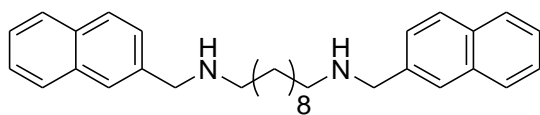




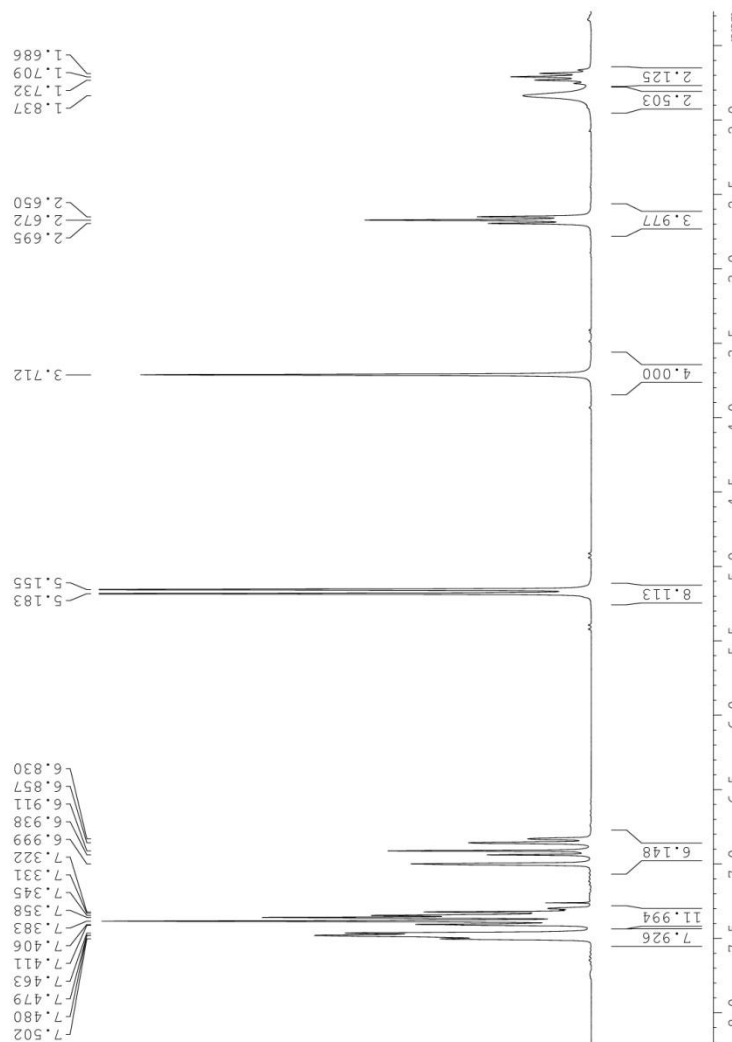
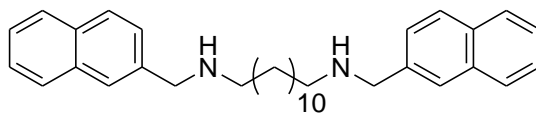
Espectro de RMN del compuesto 56

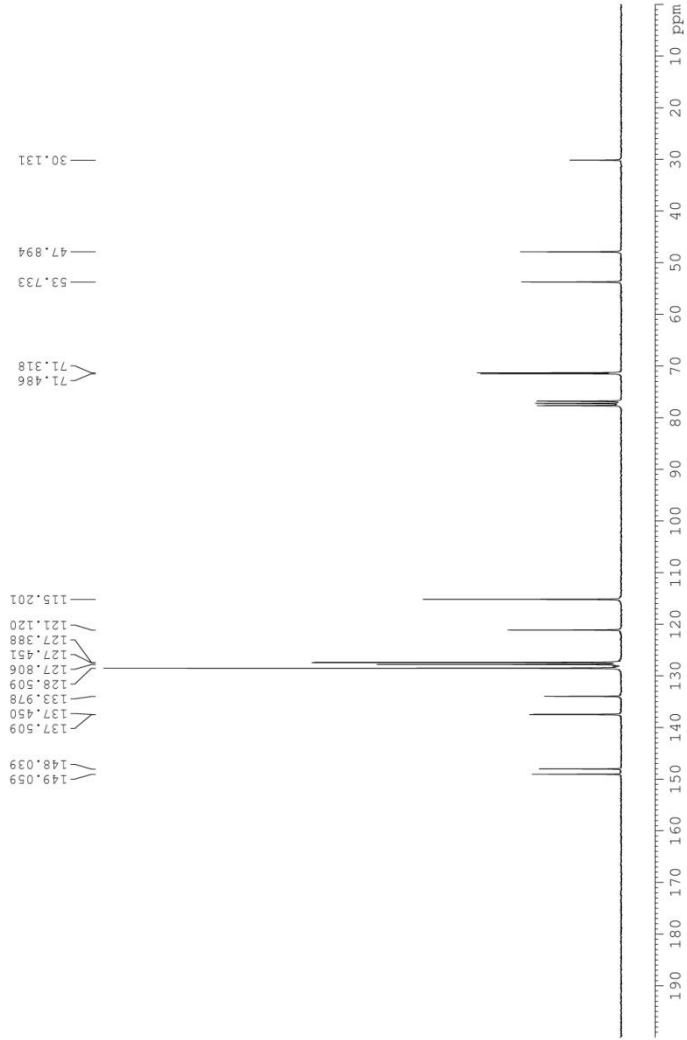
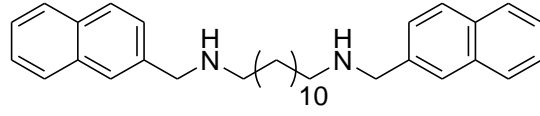




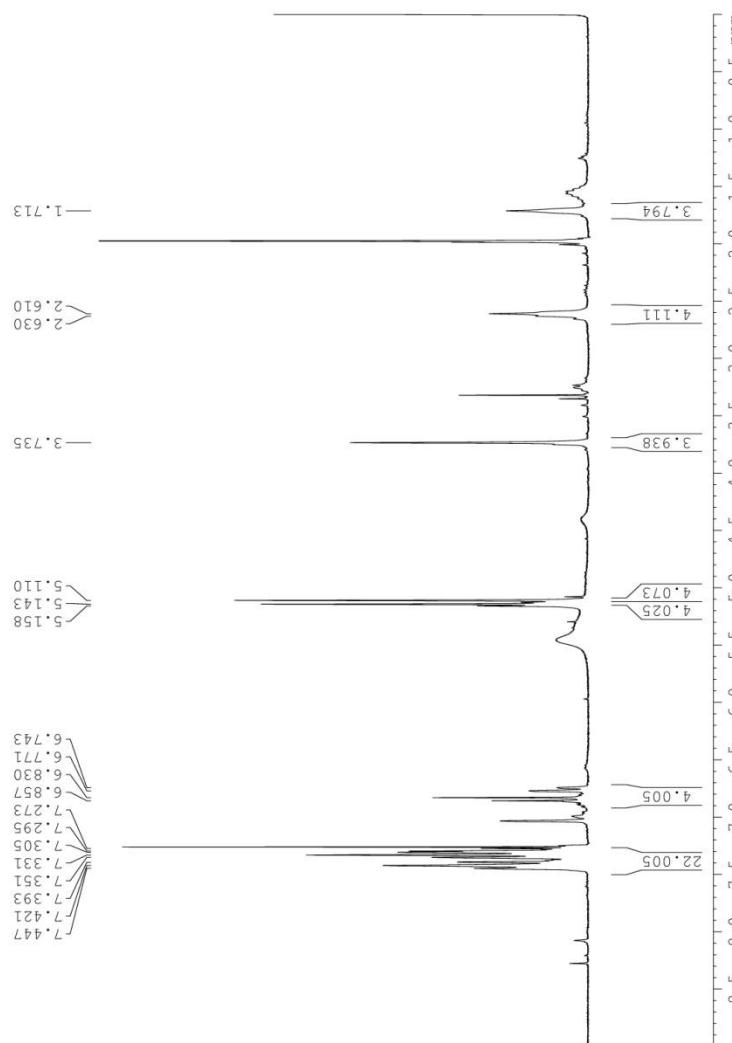
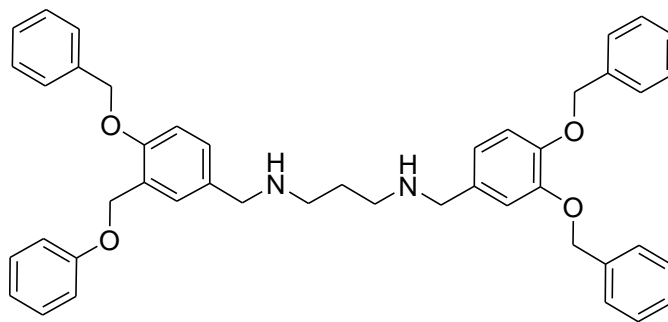


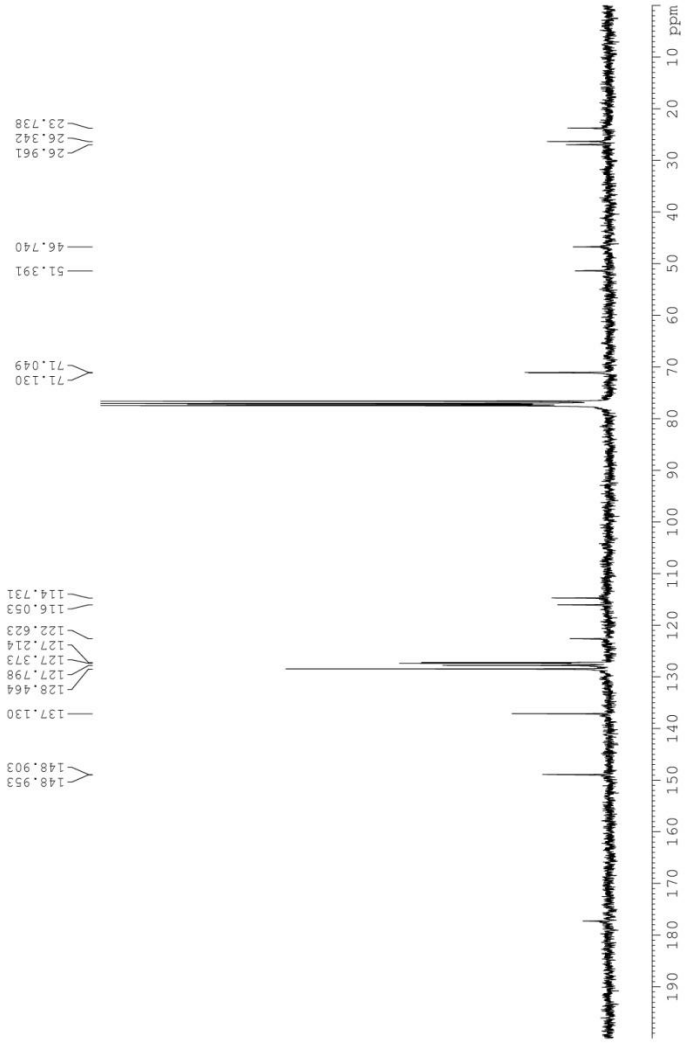
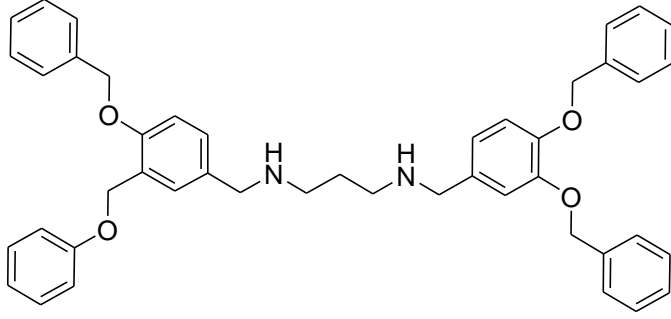
Espectro de RMN del compuesto 57



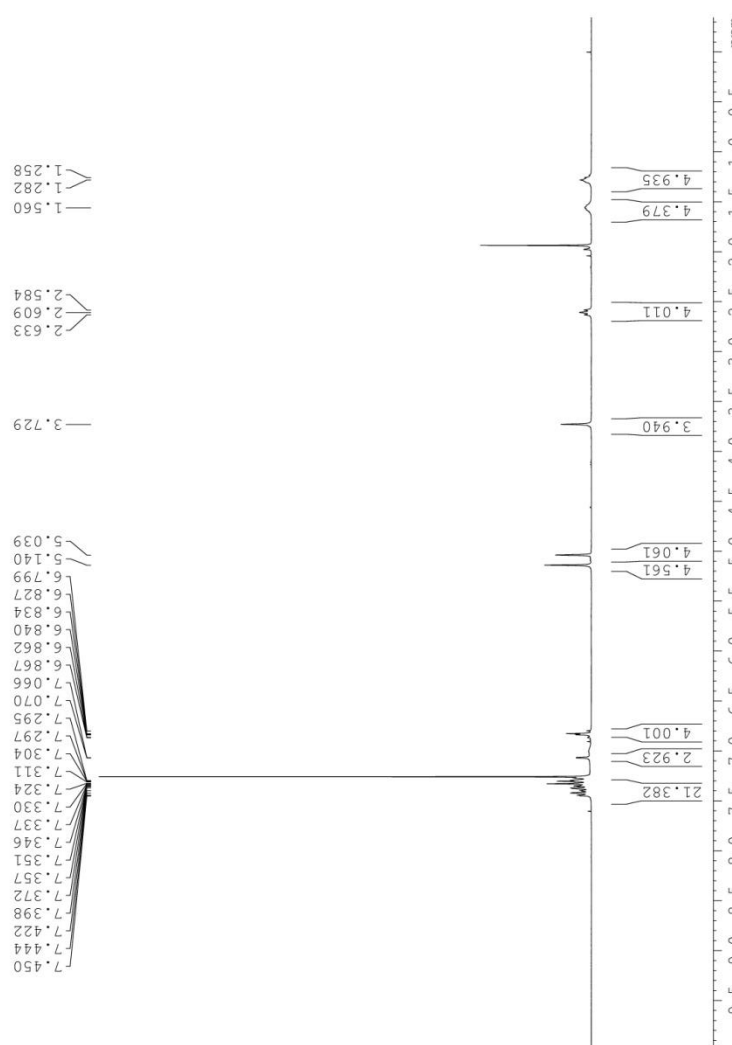
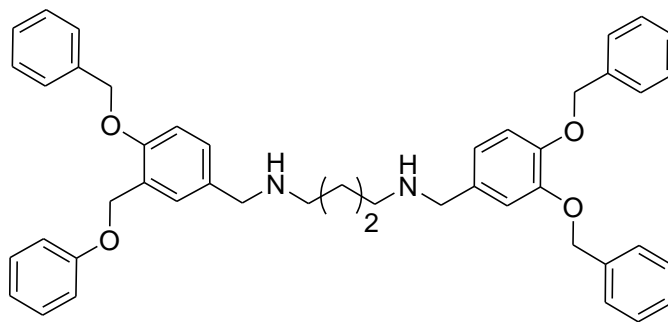


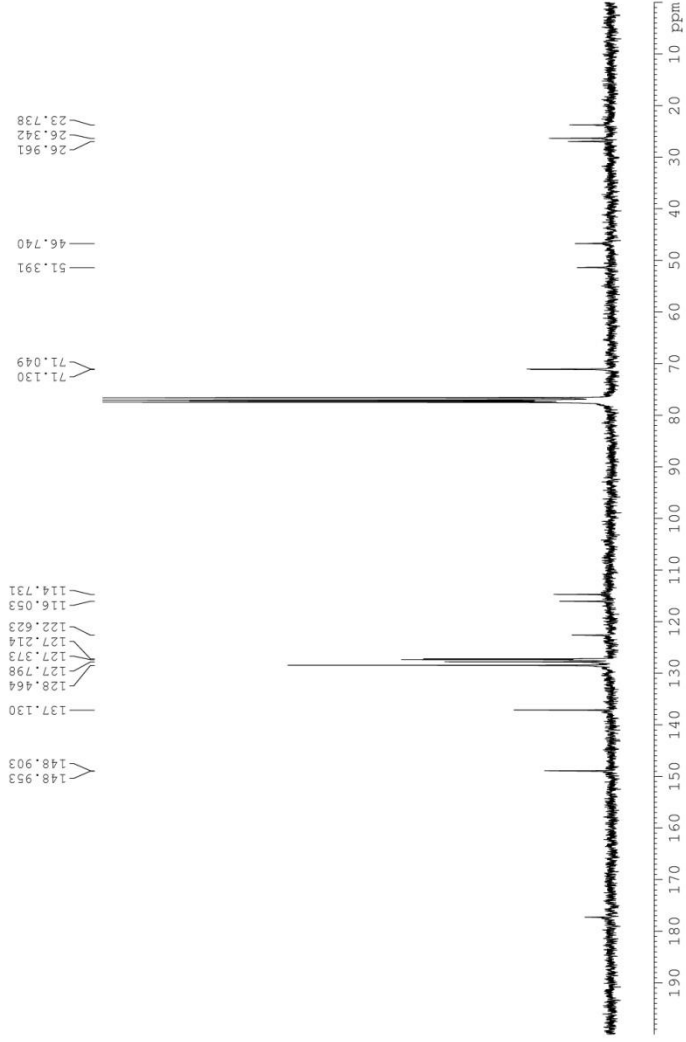
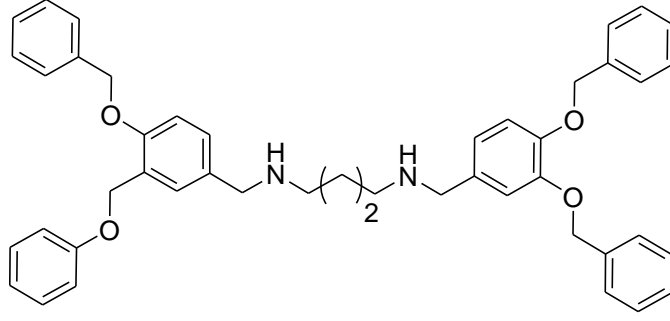
Espectro de RMN del compuesto 58

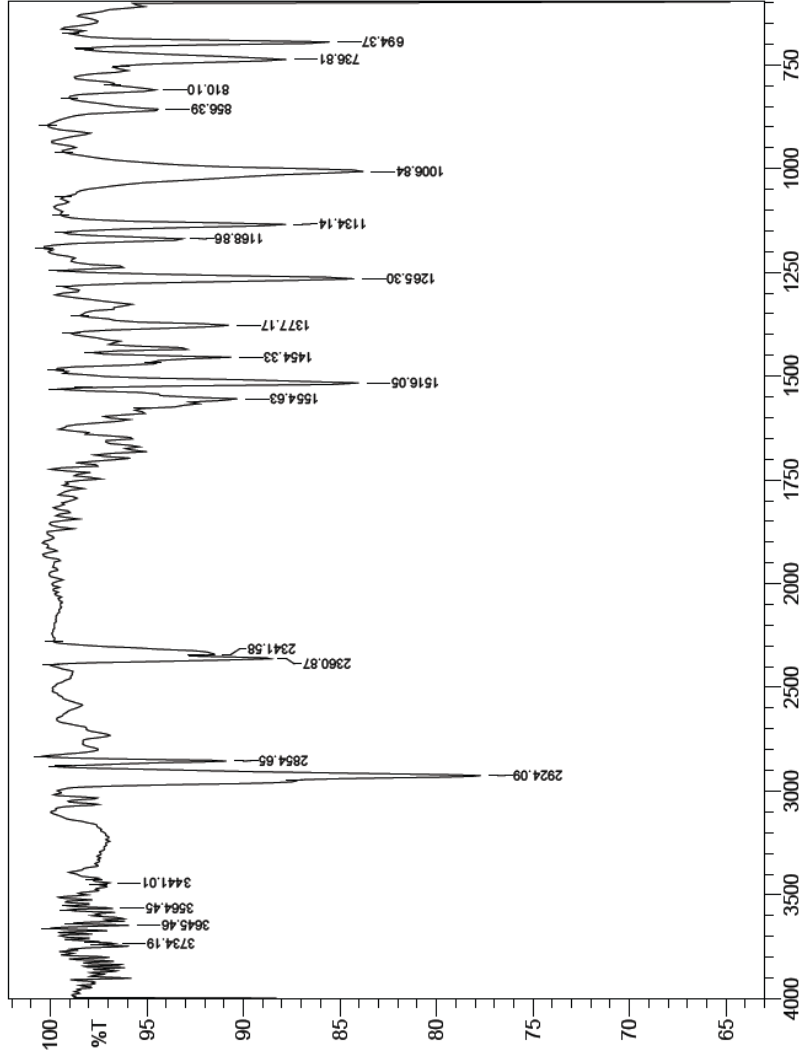
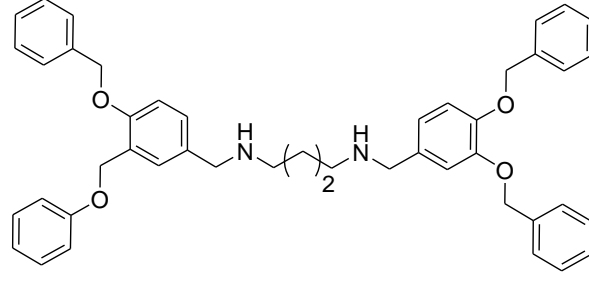




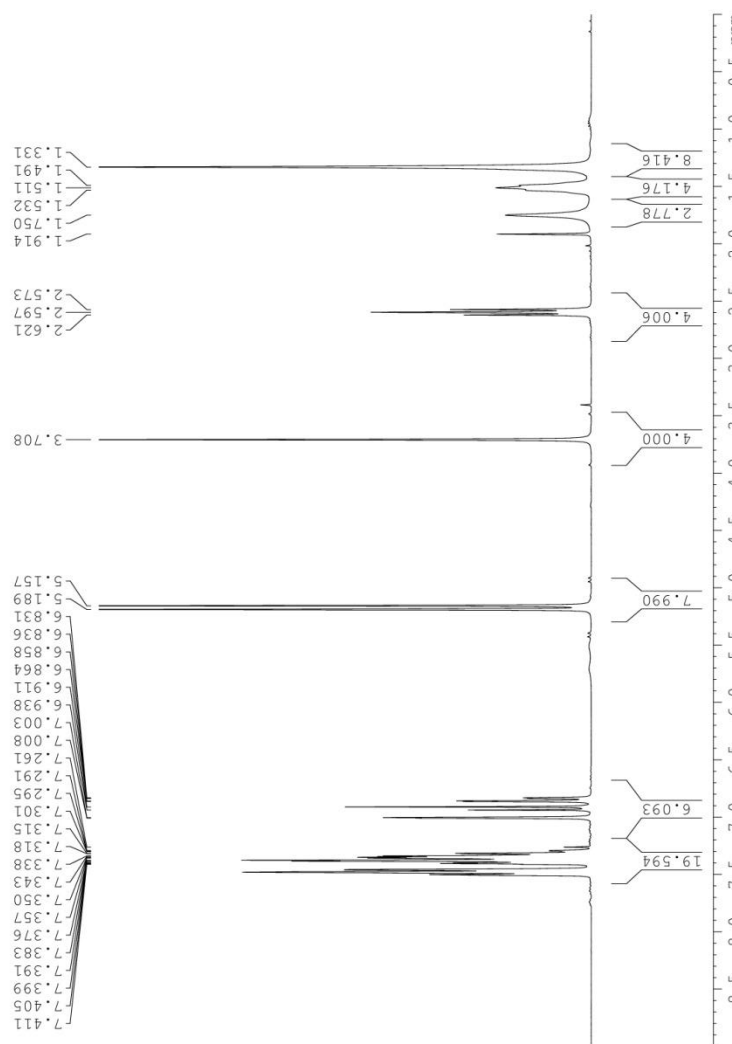
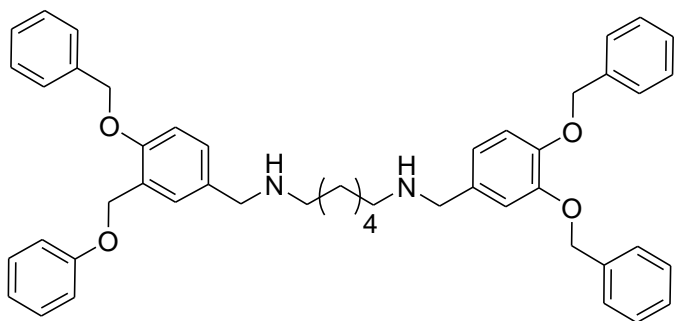
Espectro de RMN del compuesto 59

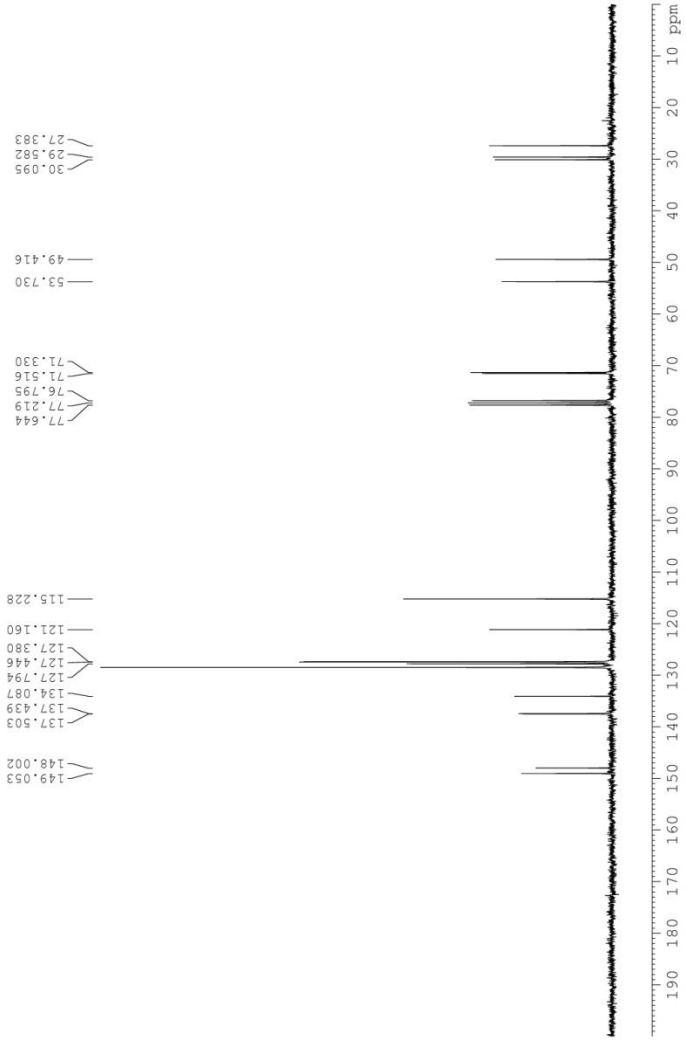
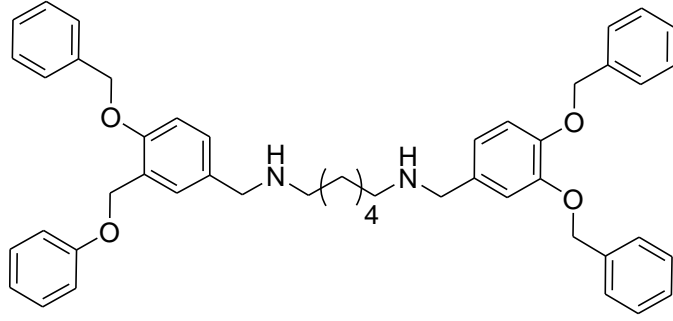


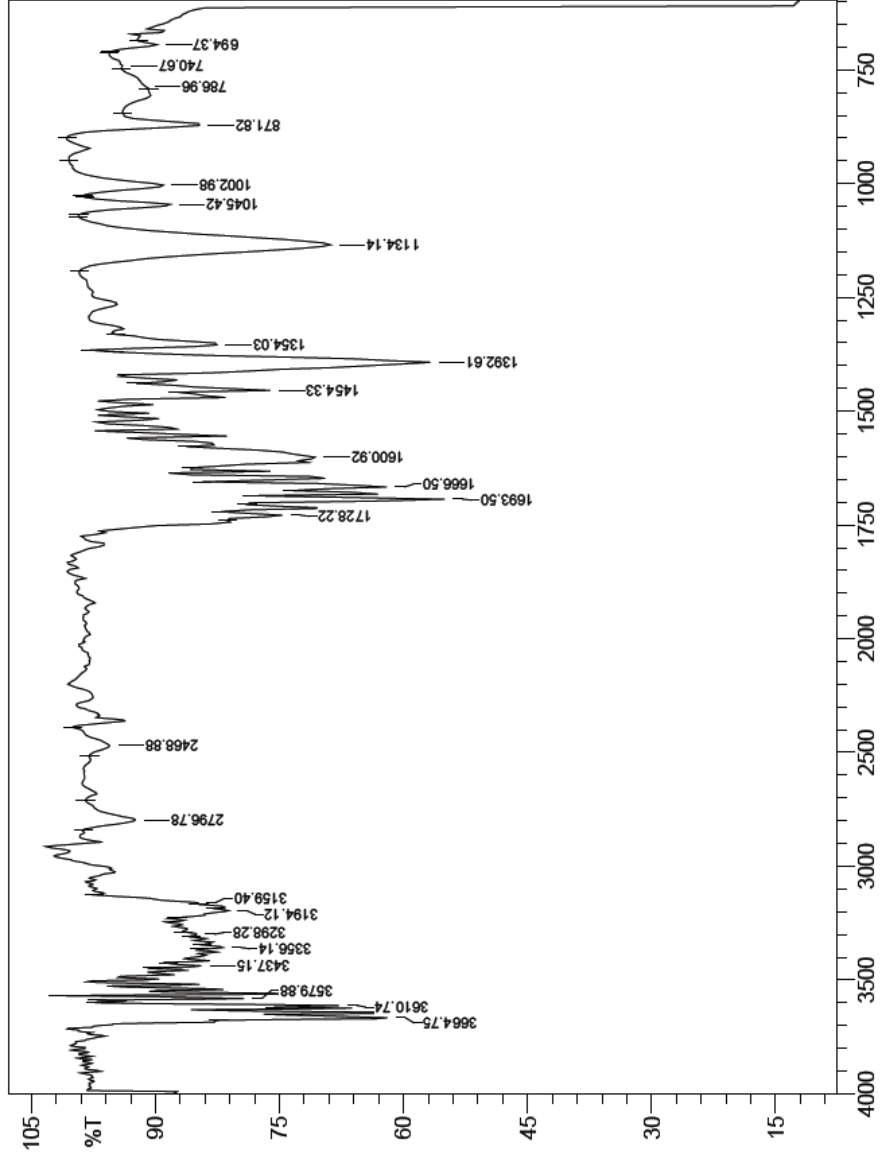
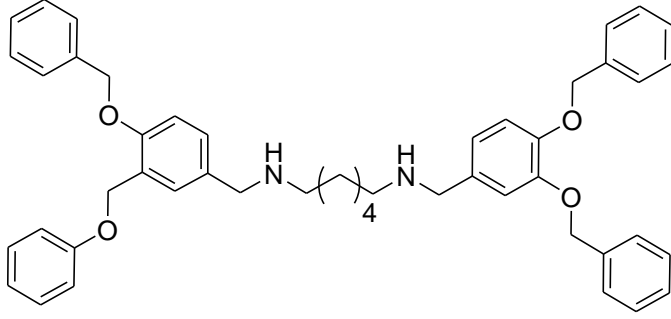




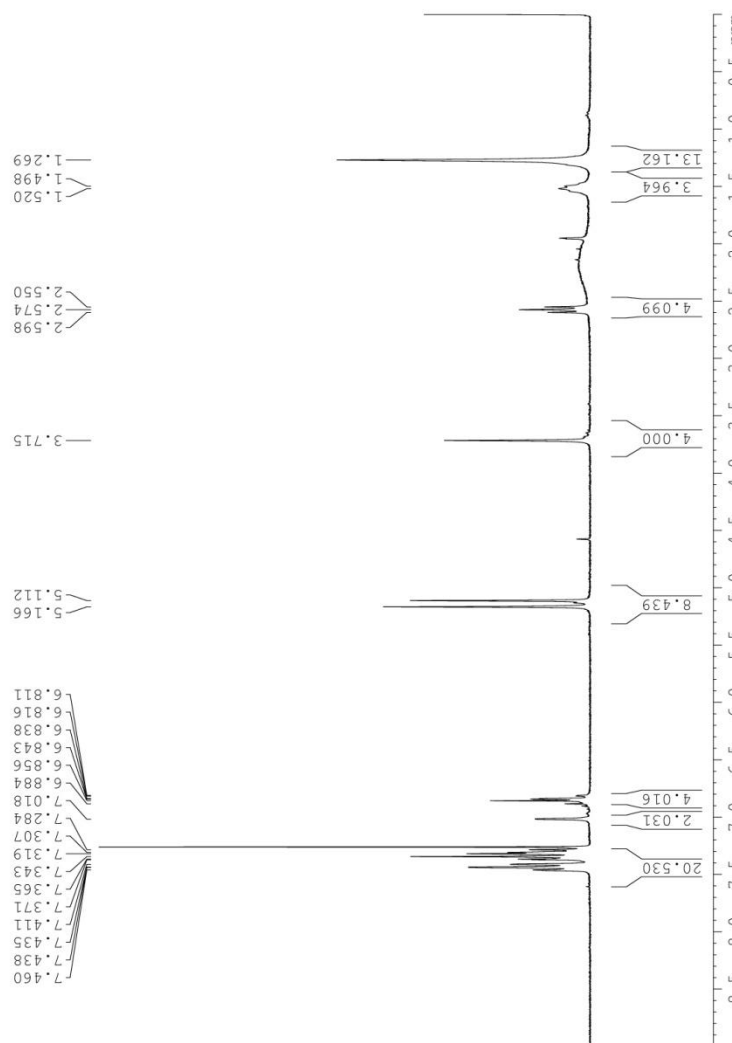
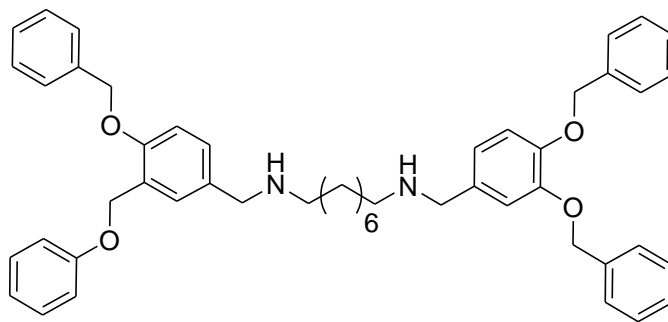
Espectro de RMN del compuesto 60

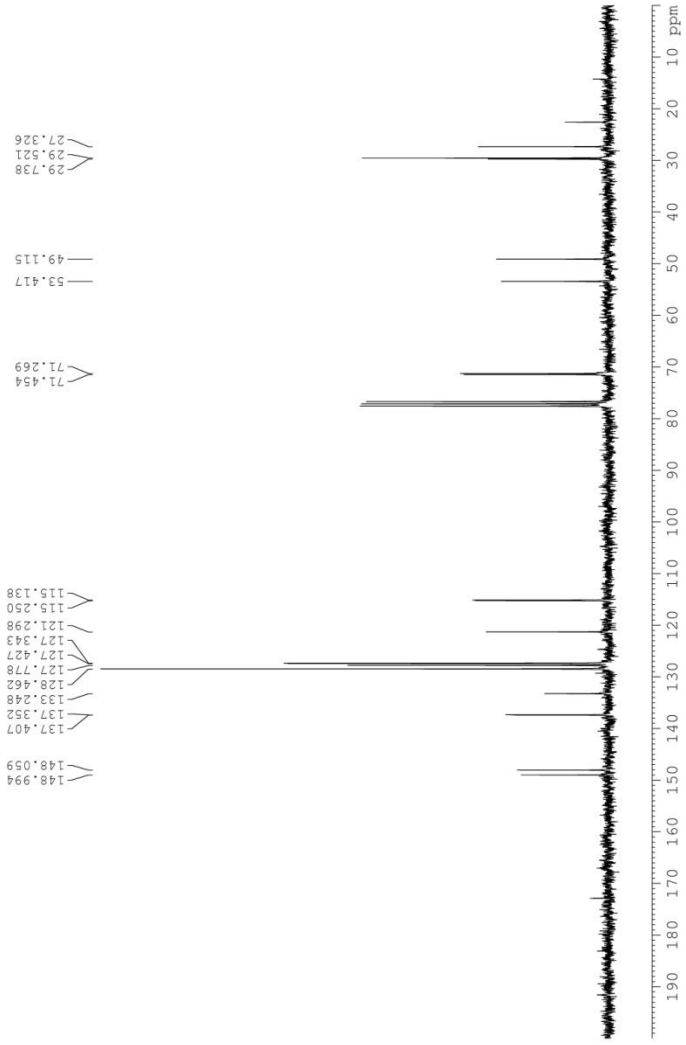
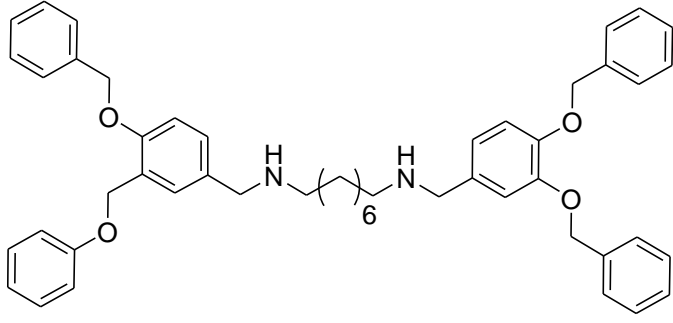




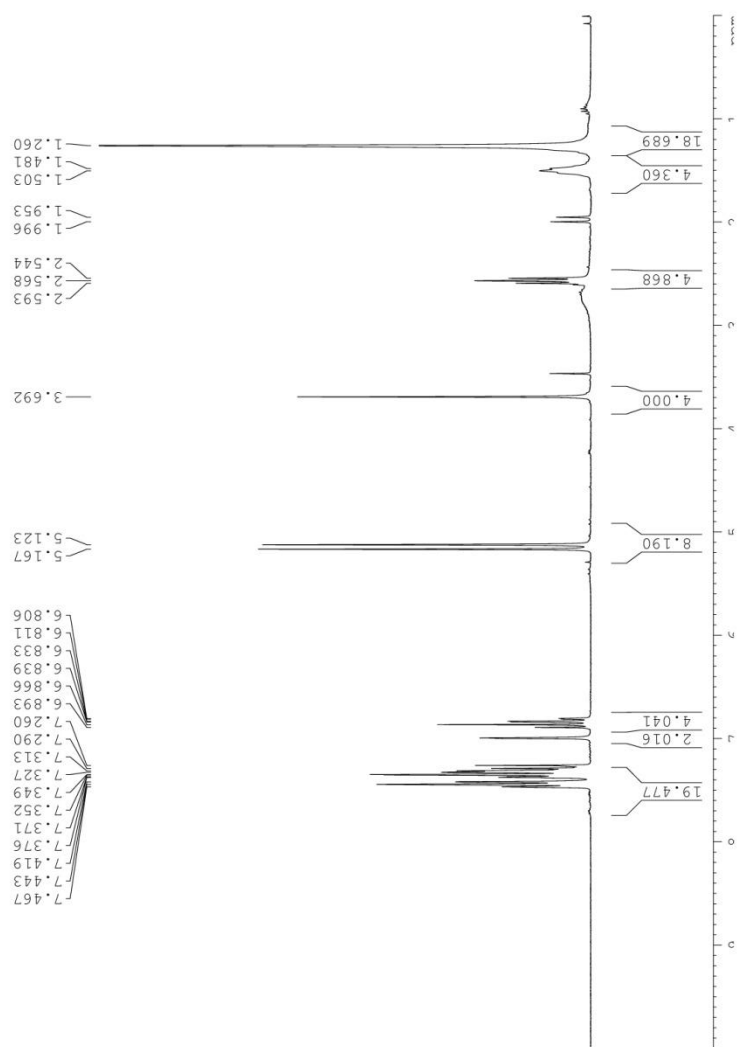
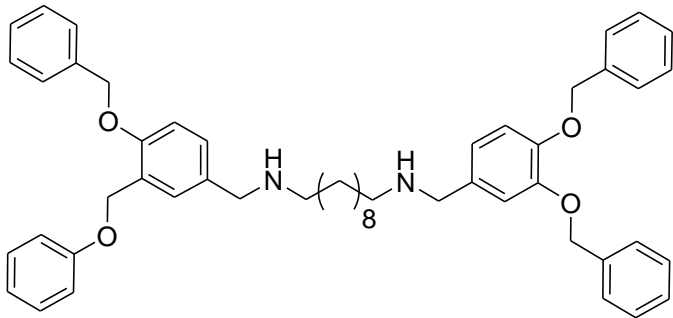


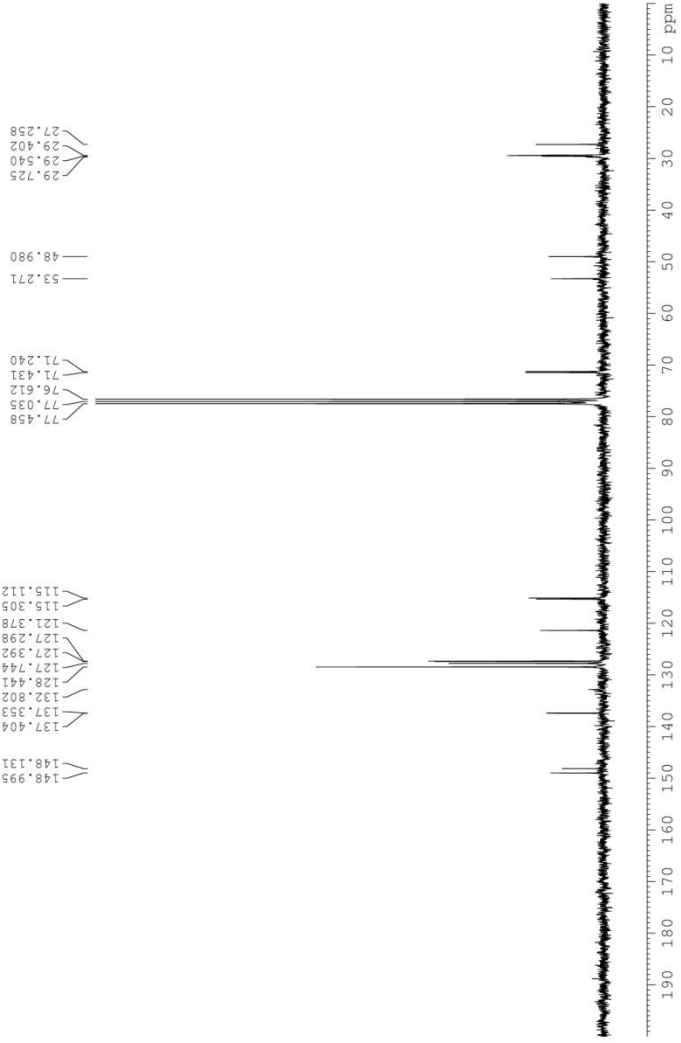
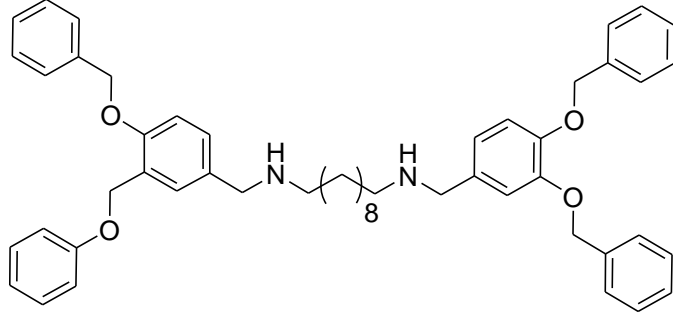
Espectro de RMN del compuesto 61

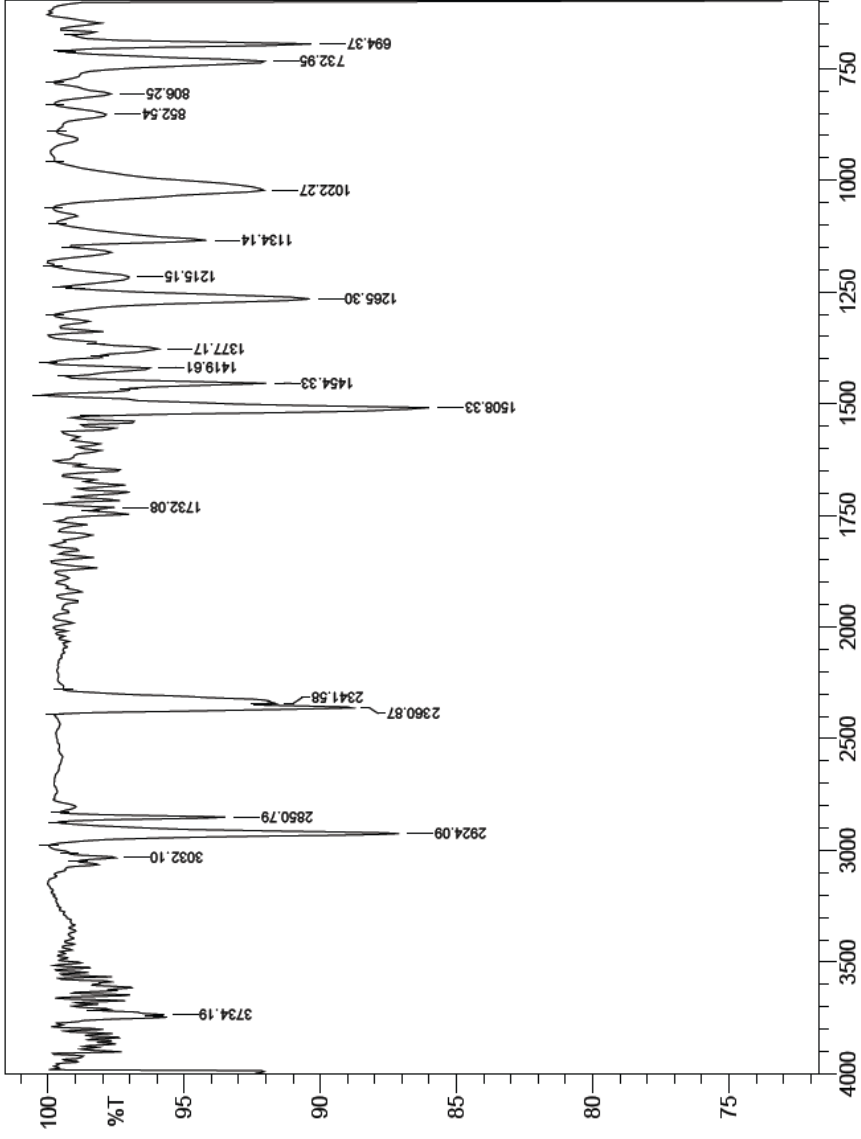
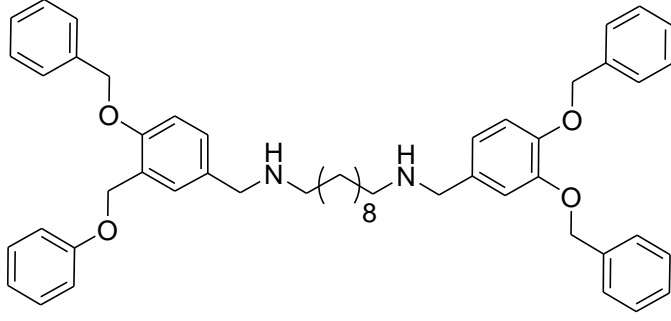




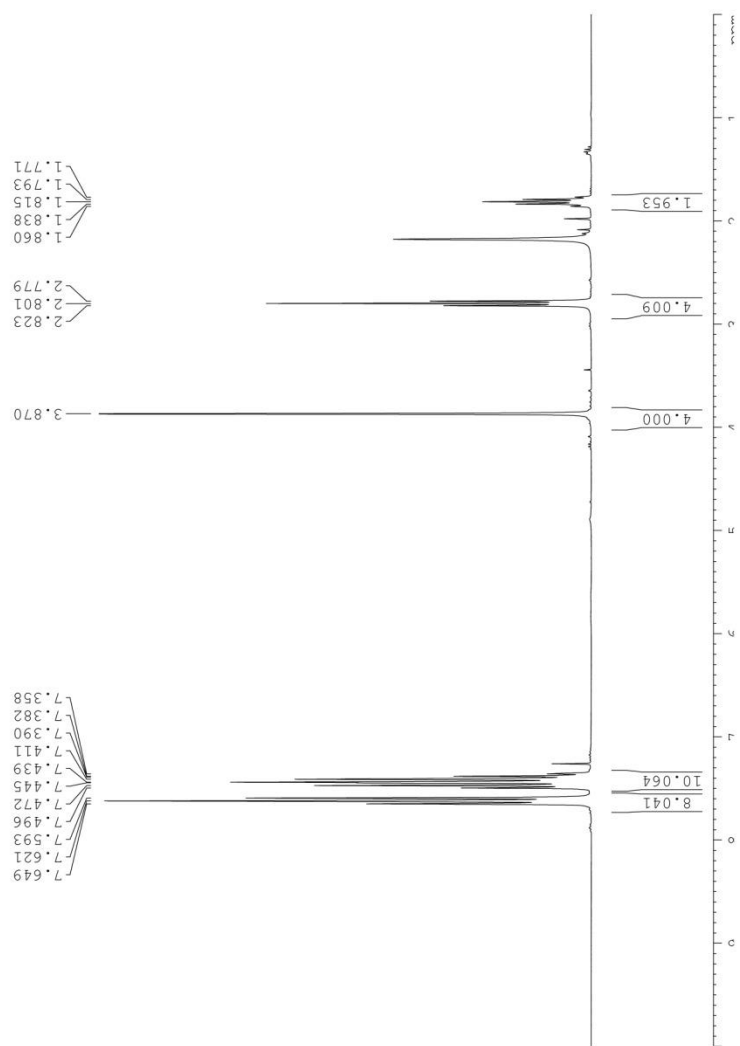
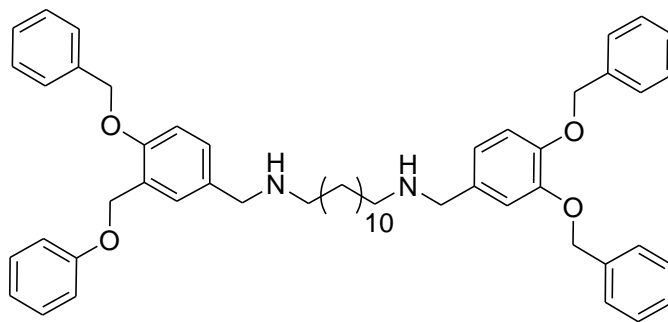
Espectro de RMN del compuesto 62

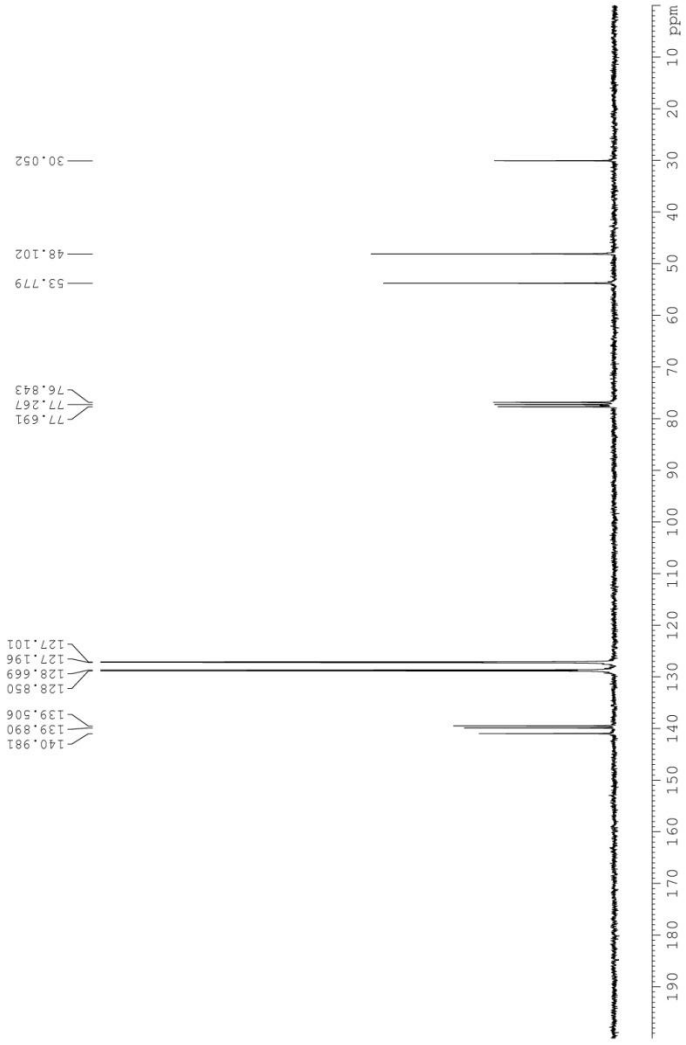
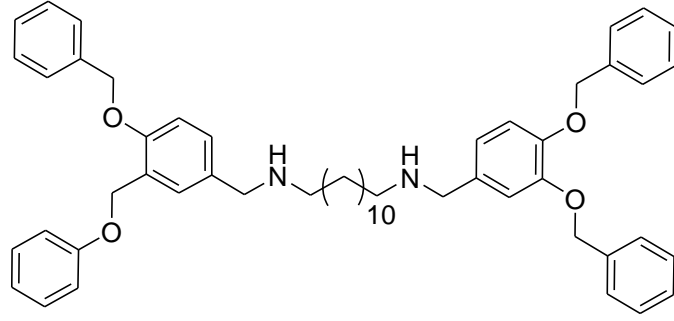


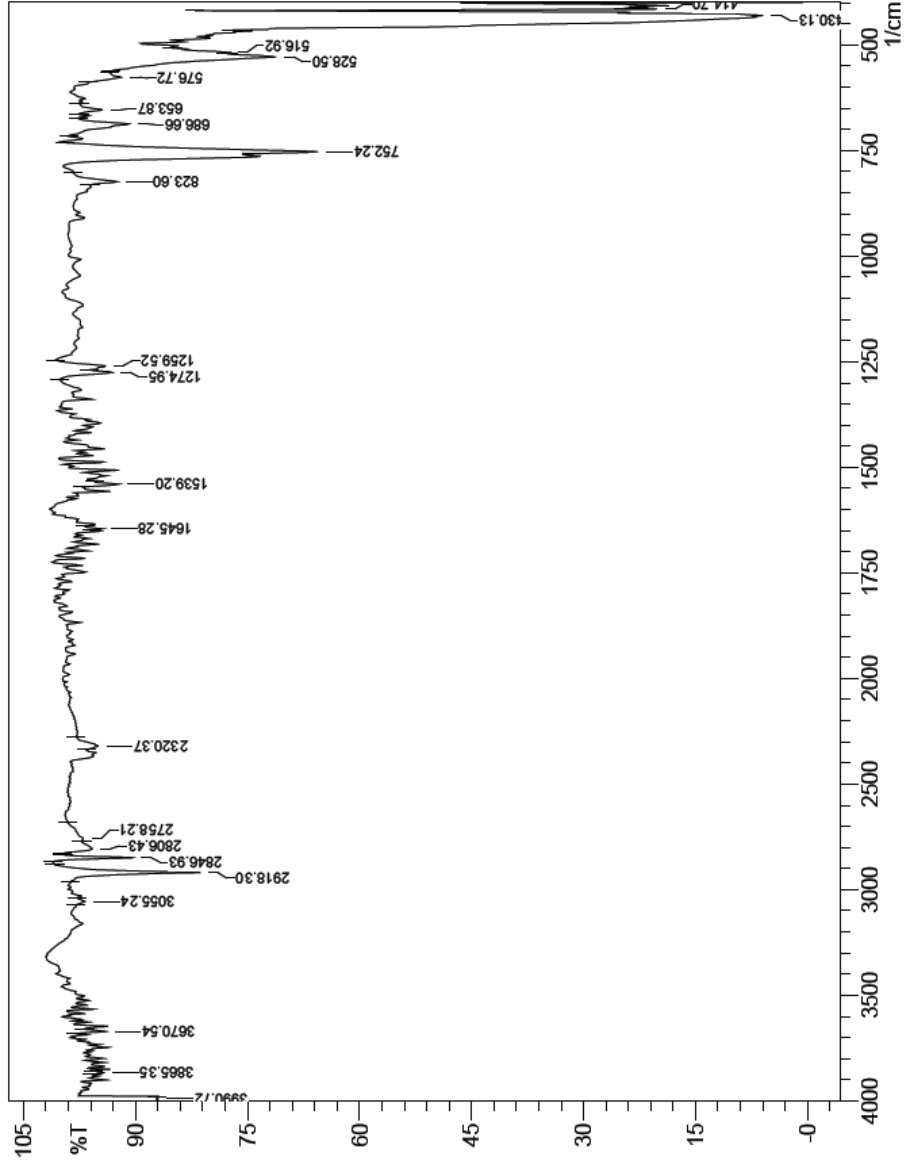
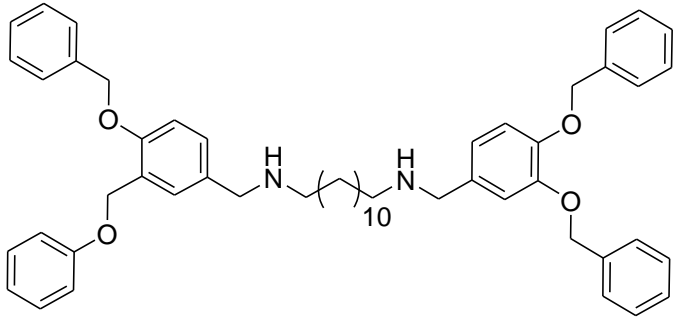




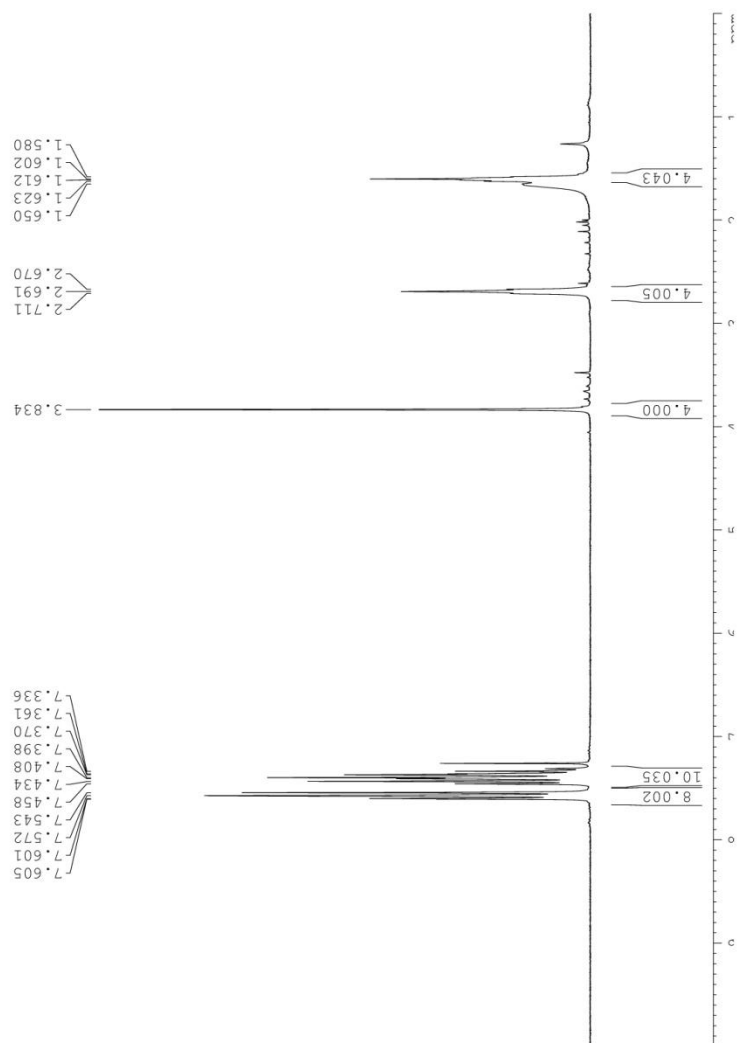
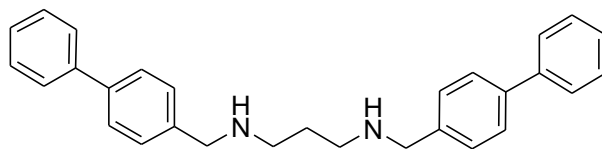
Espectro de RMN del compuesto 63

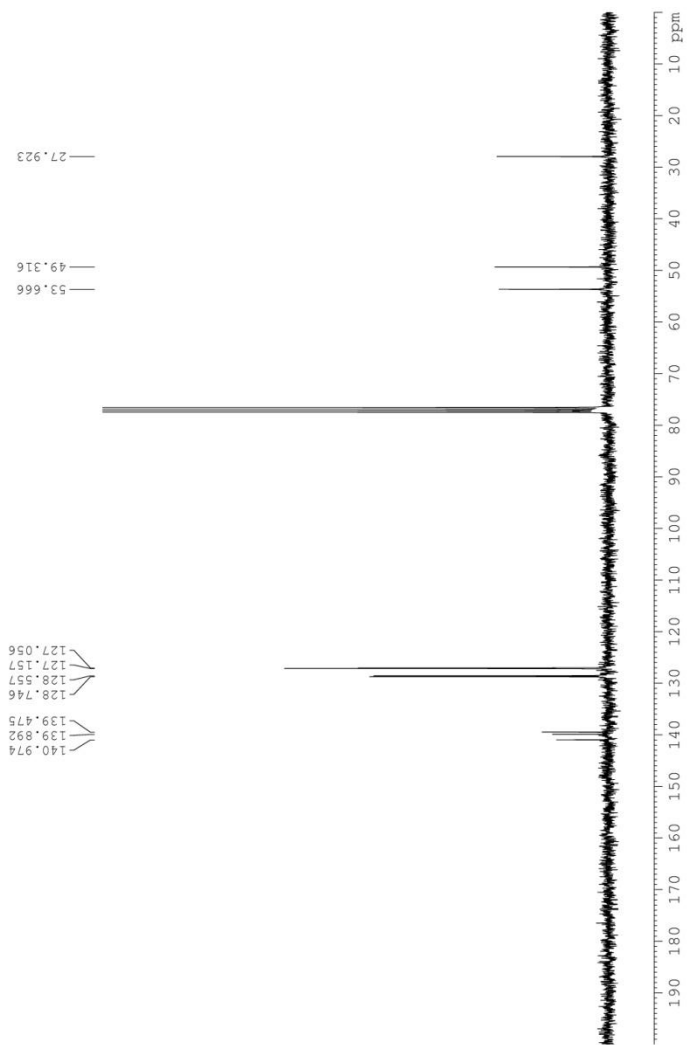
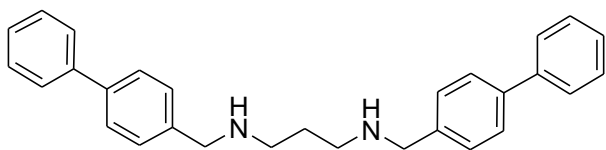




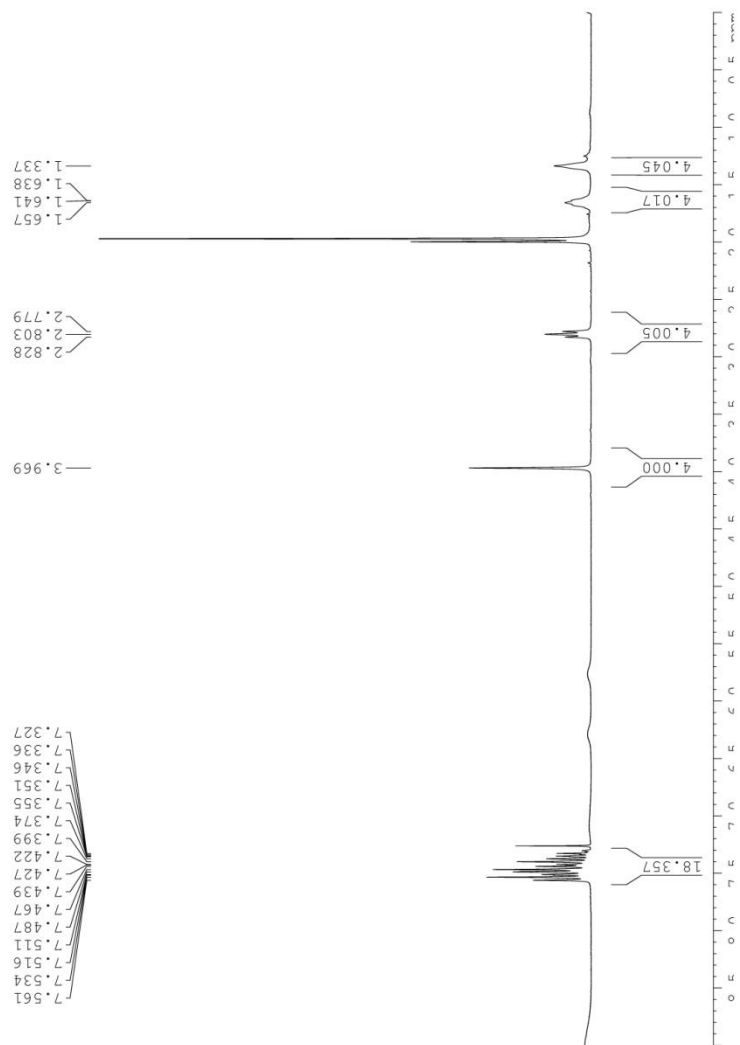
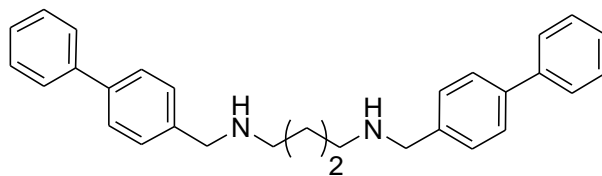


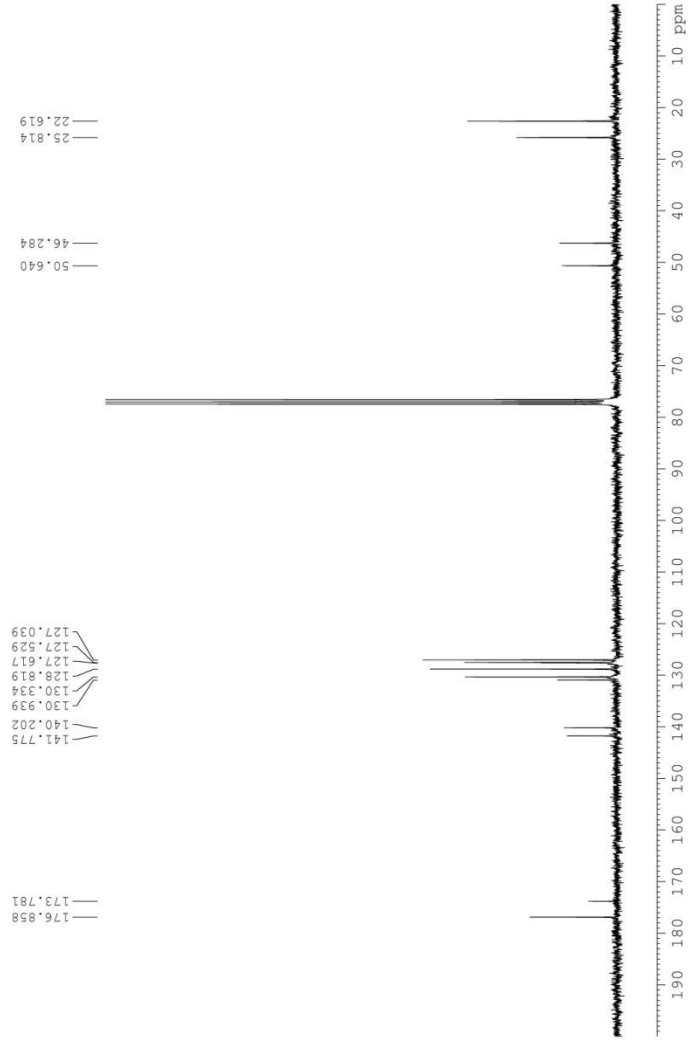
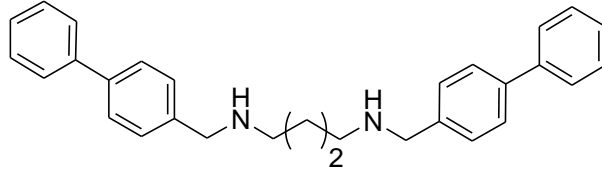
Espectro de RMN del compuesto 64



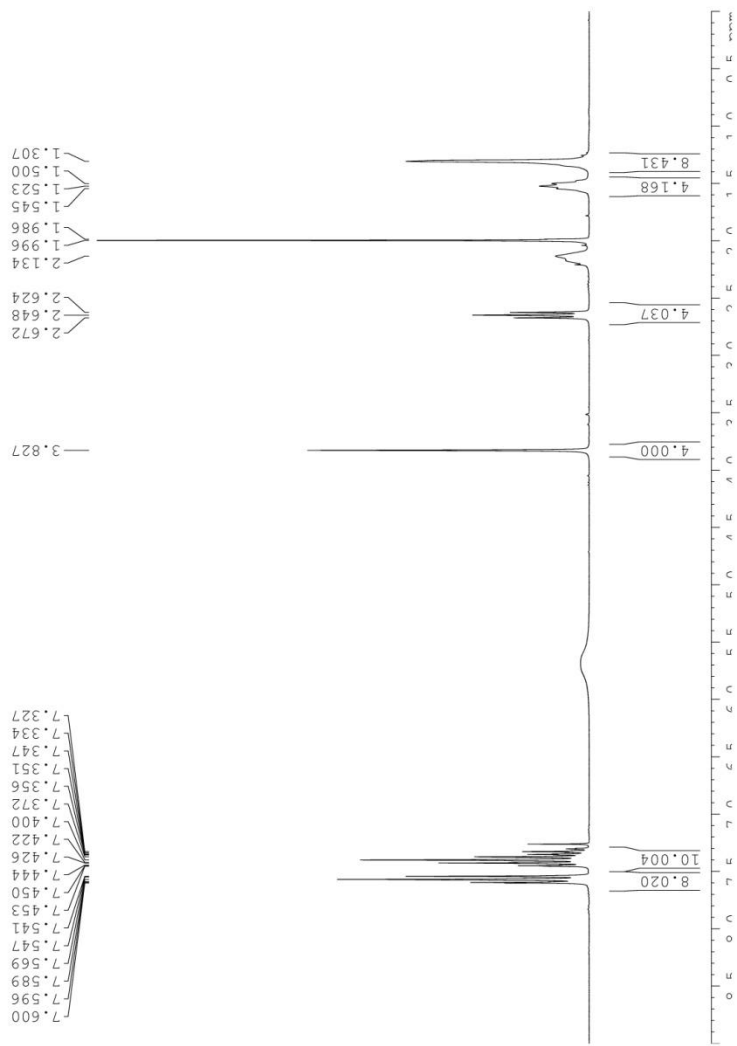
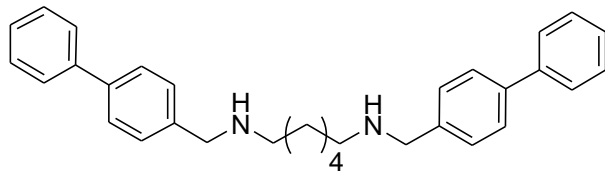


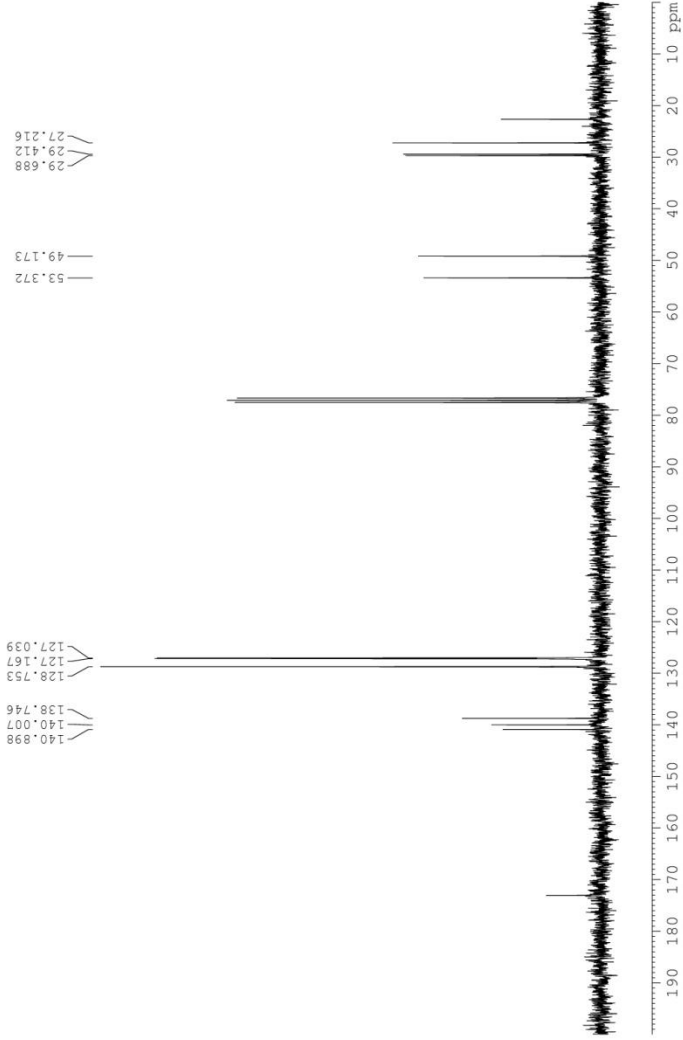
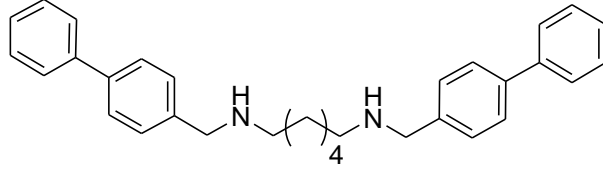
Espectro de RMN del compuesto 65



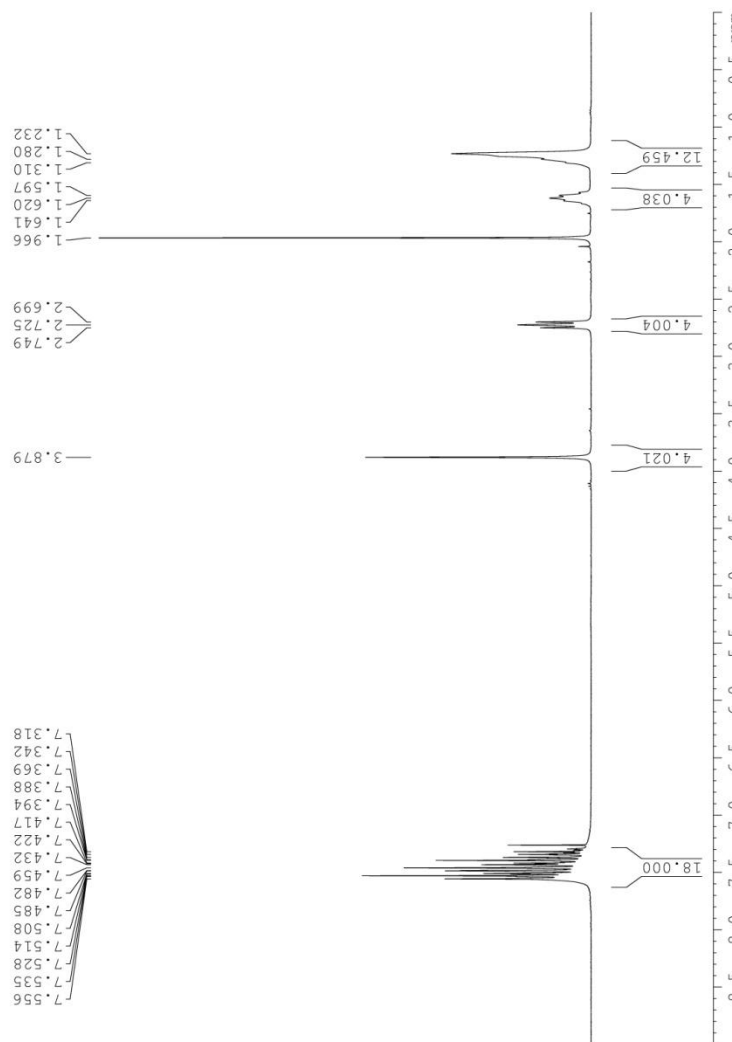
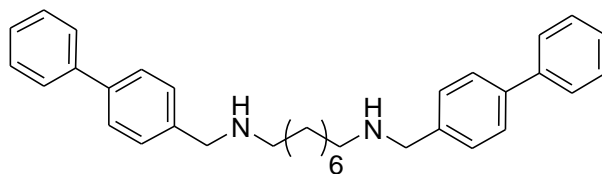


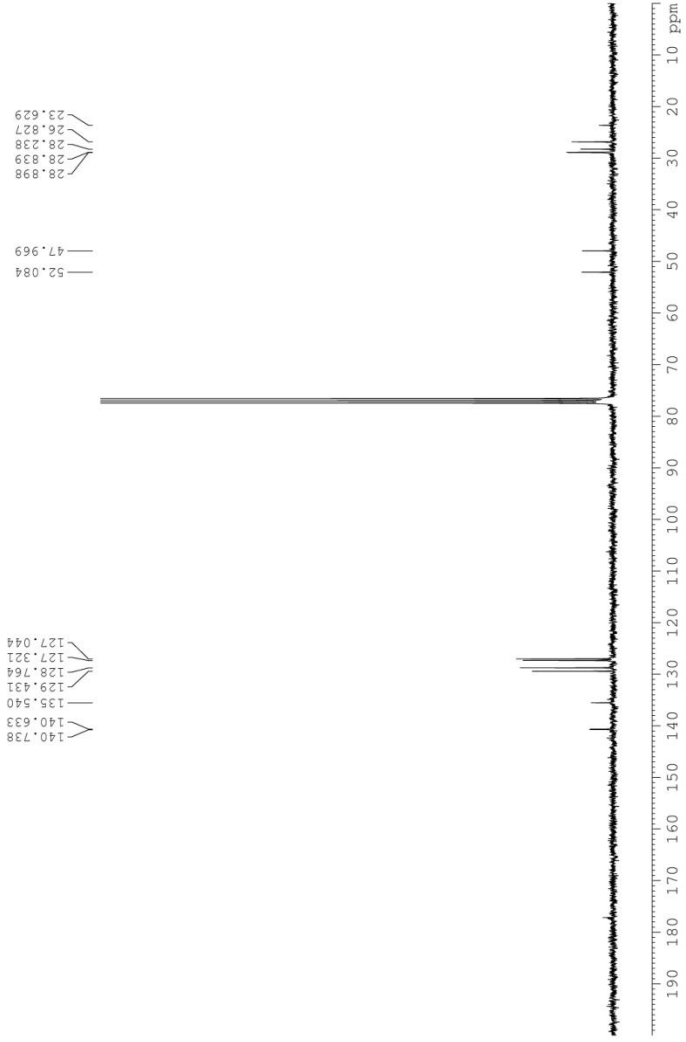
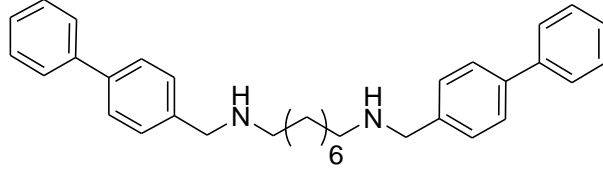
Espectro de RMN del compuesto 66



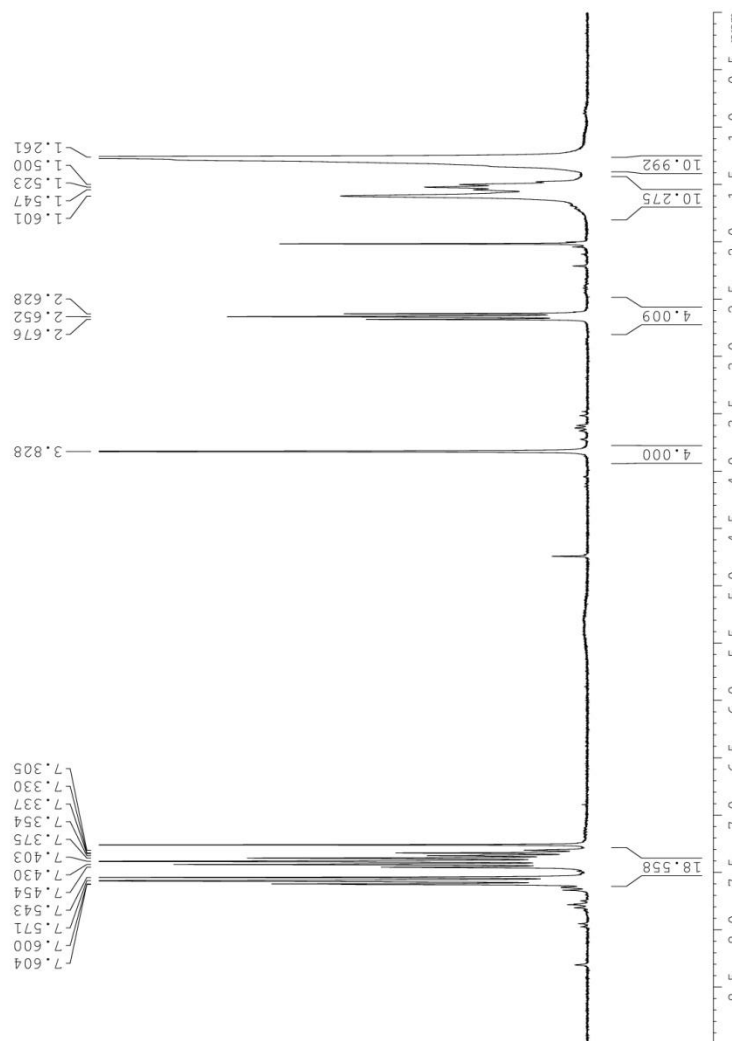
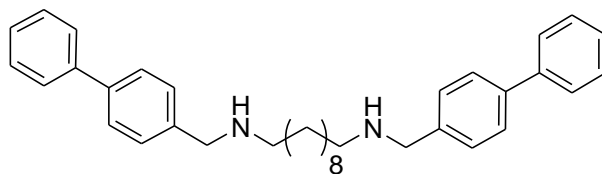


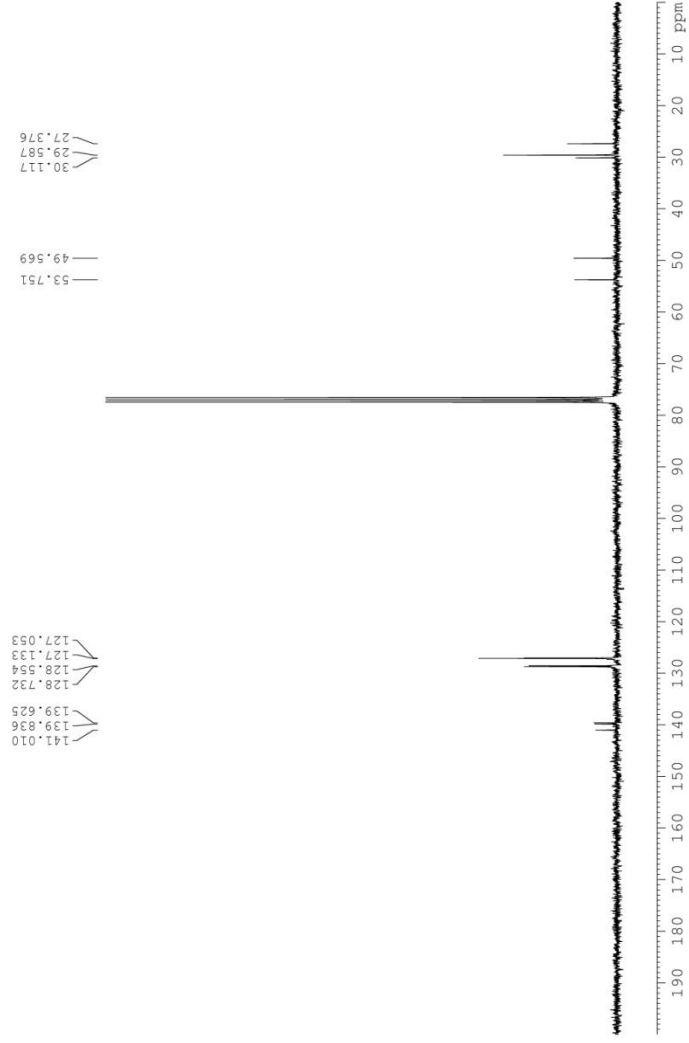
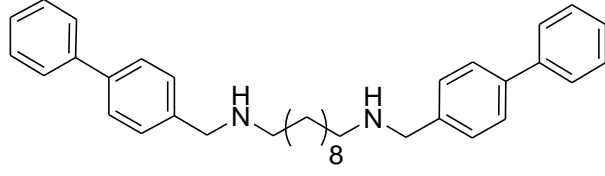
Espectro de RMN del compuesto 67

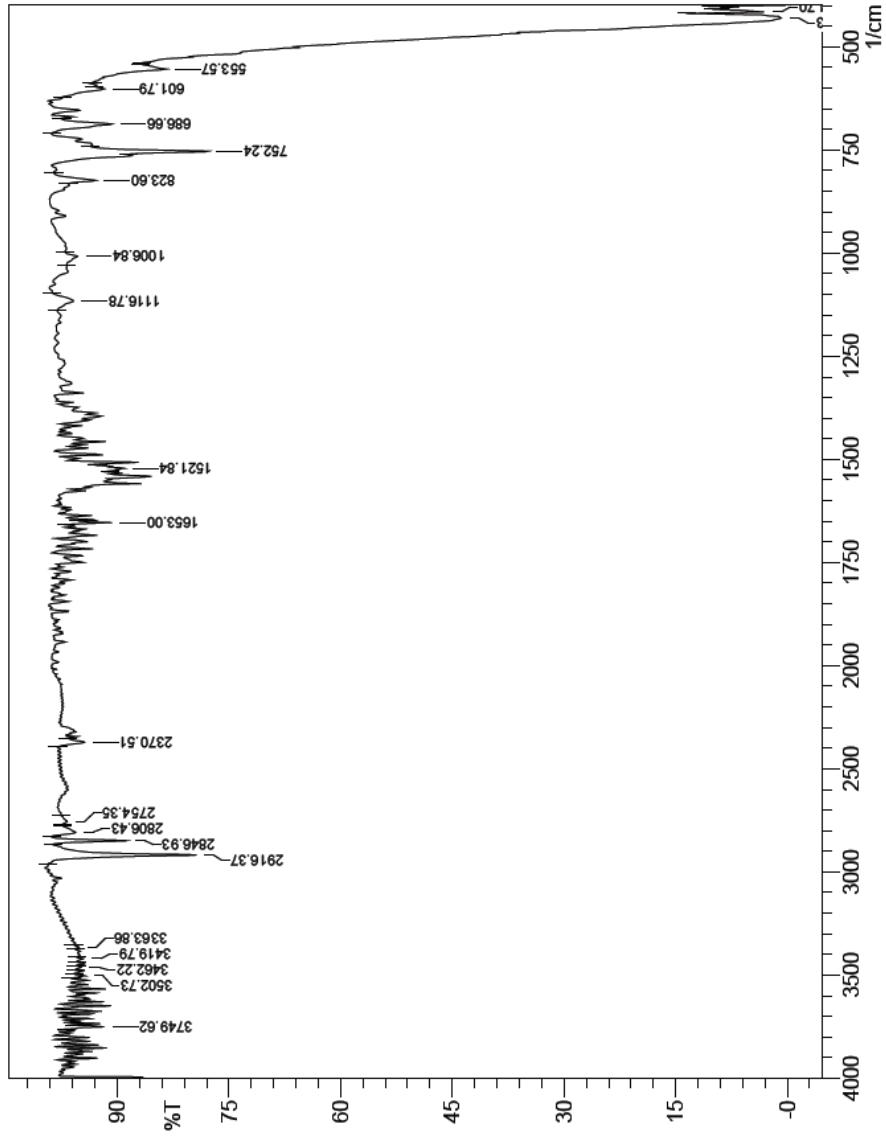
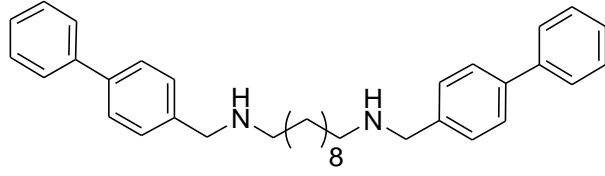




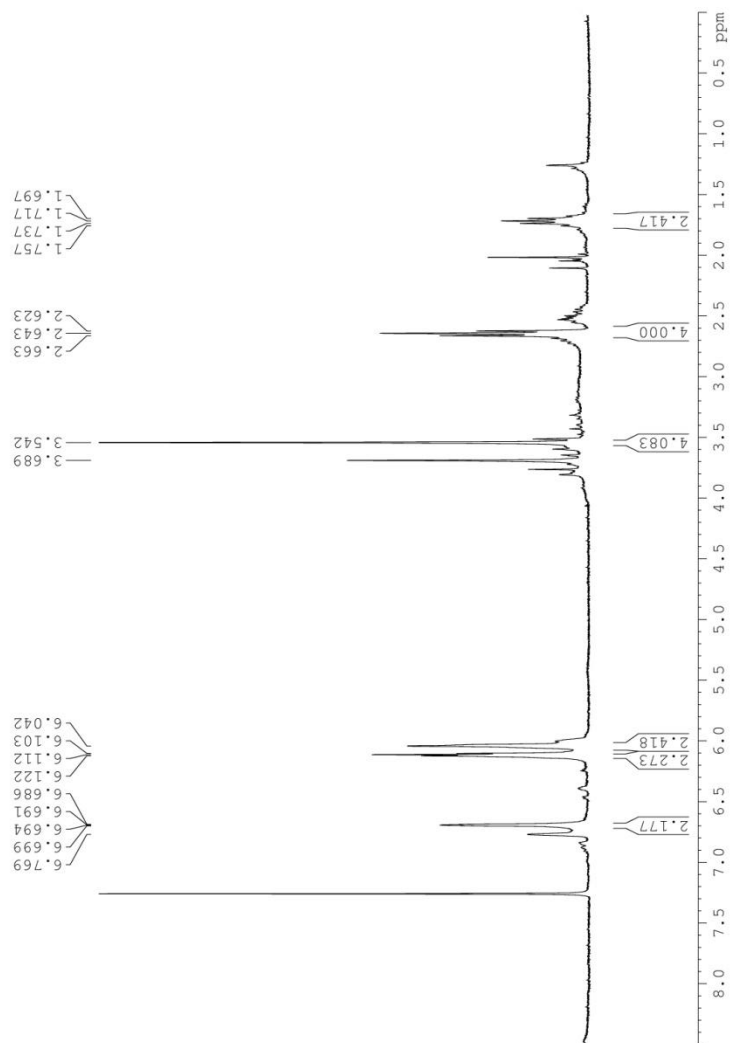
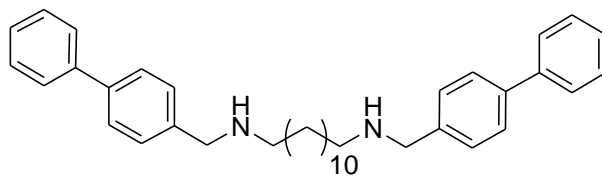
Espectro de RMN del compuesto 68

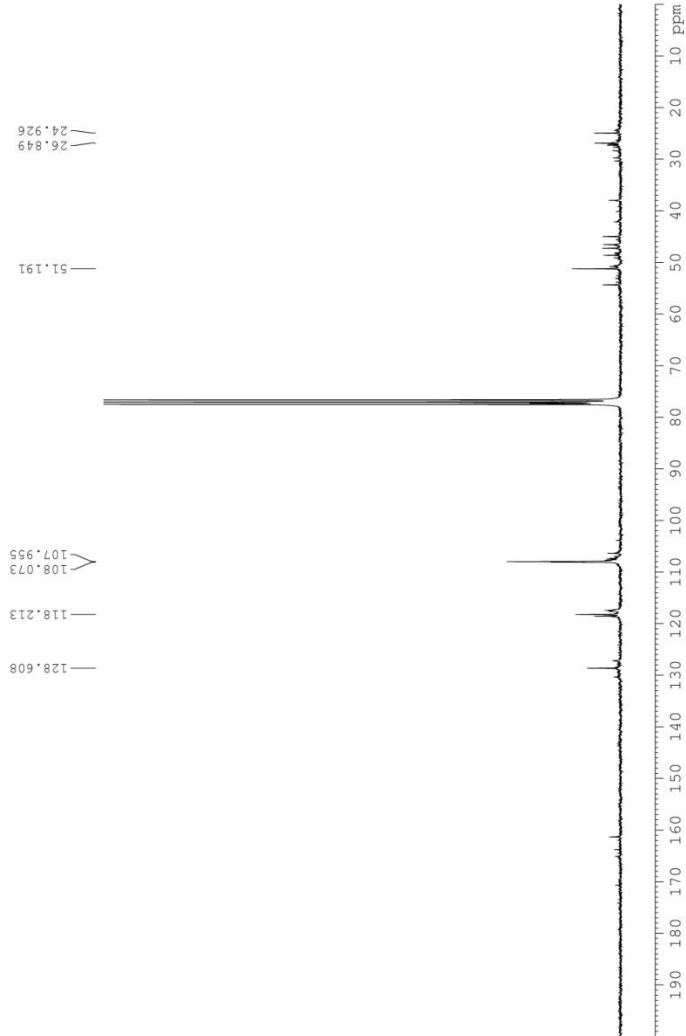
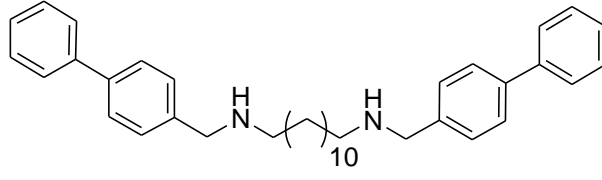




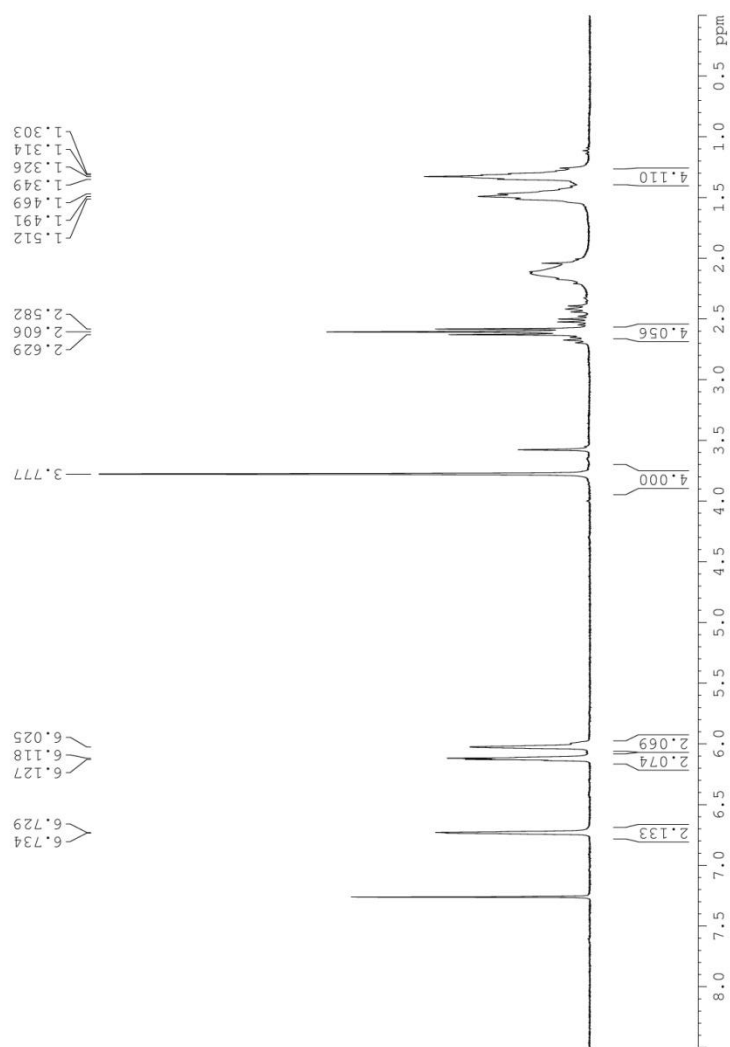
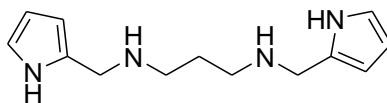


Espectro de RMN del compuesto 69

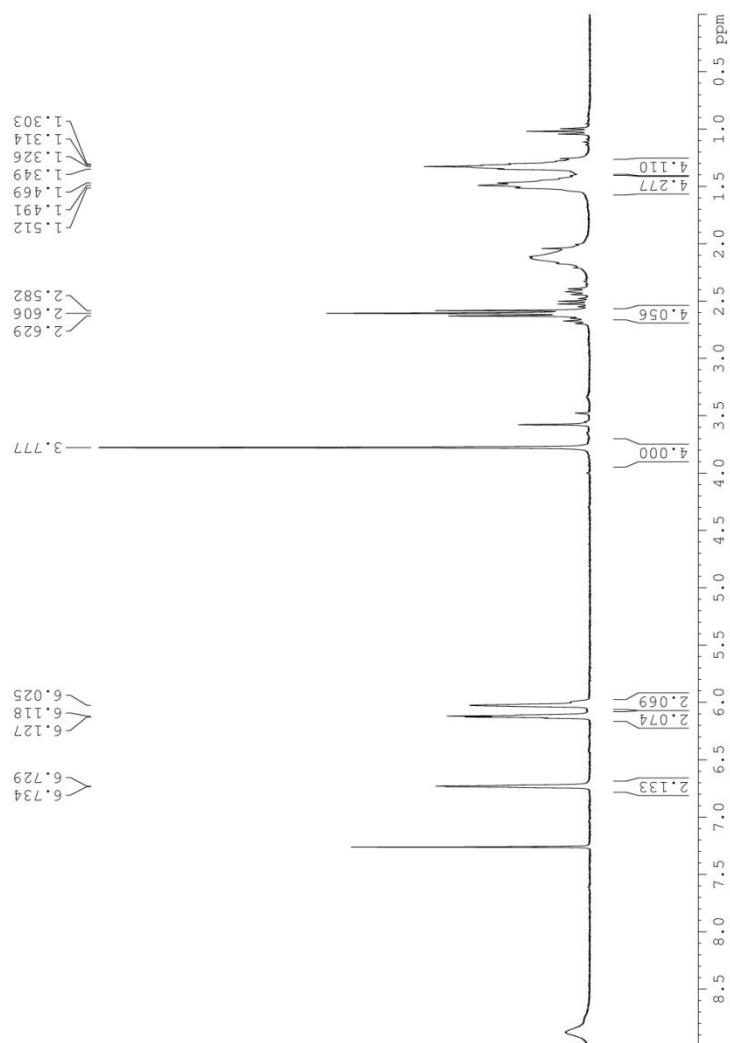
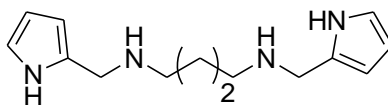


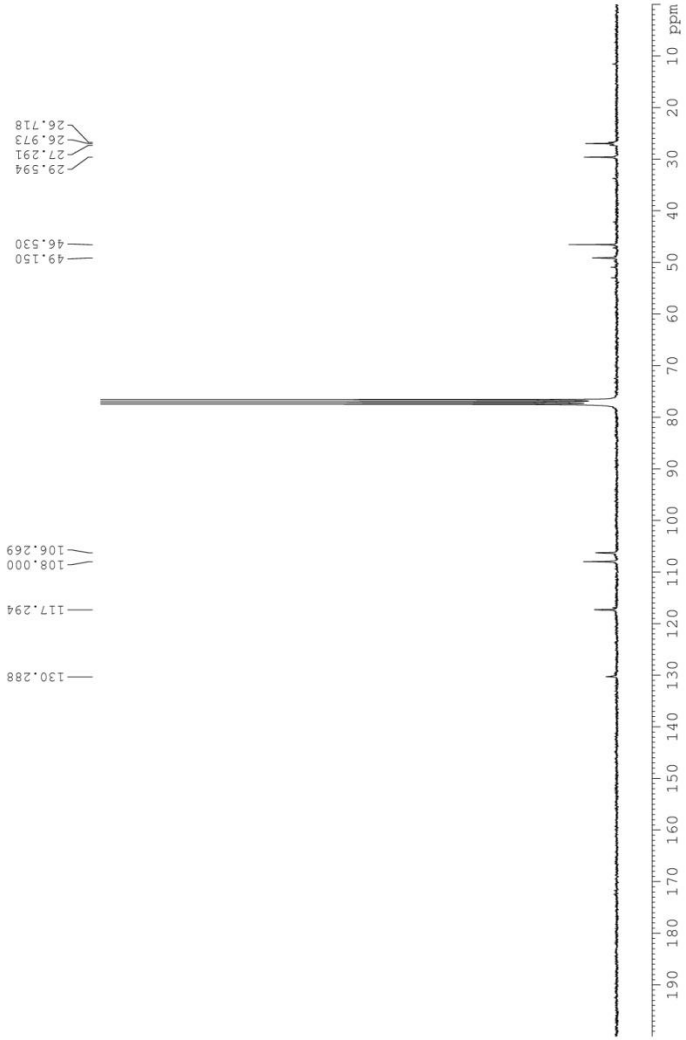
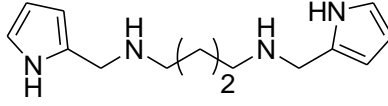


Espectro de RMN del compuesto 70

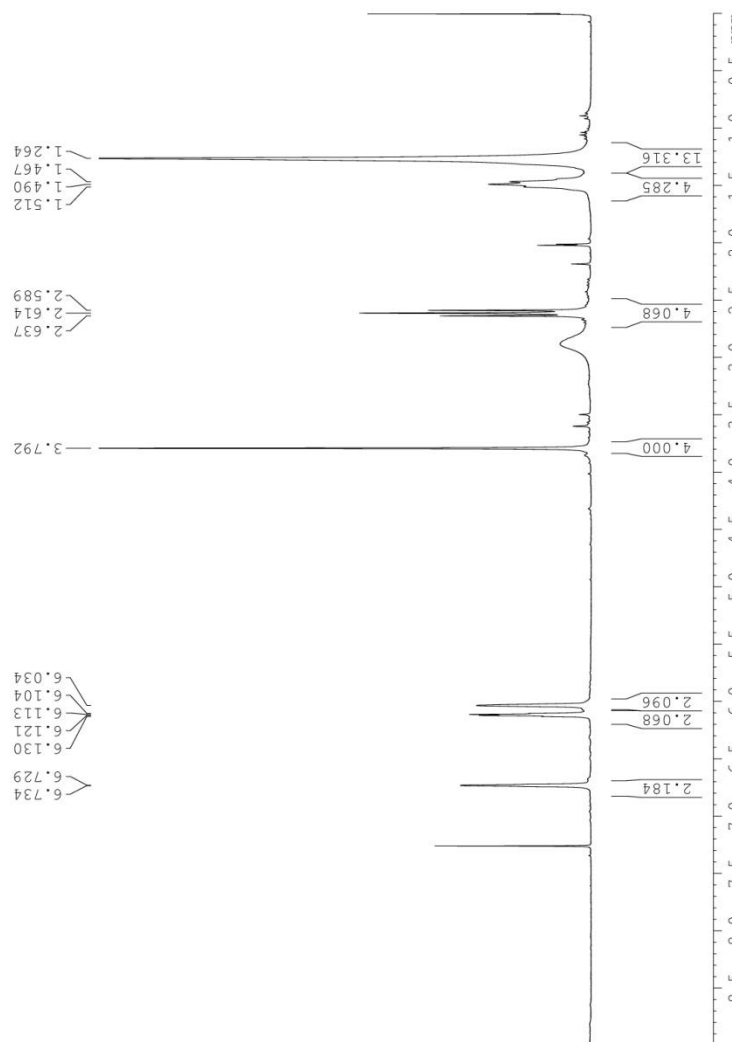
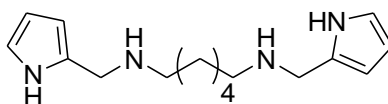


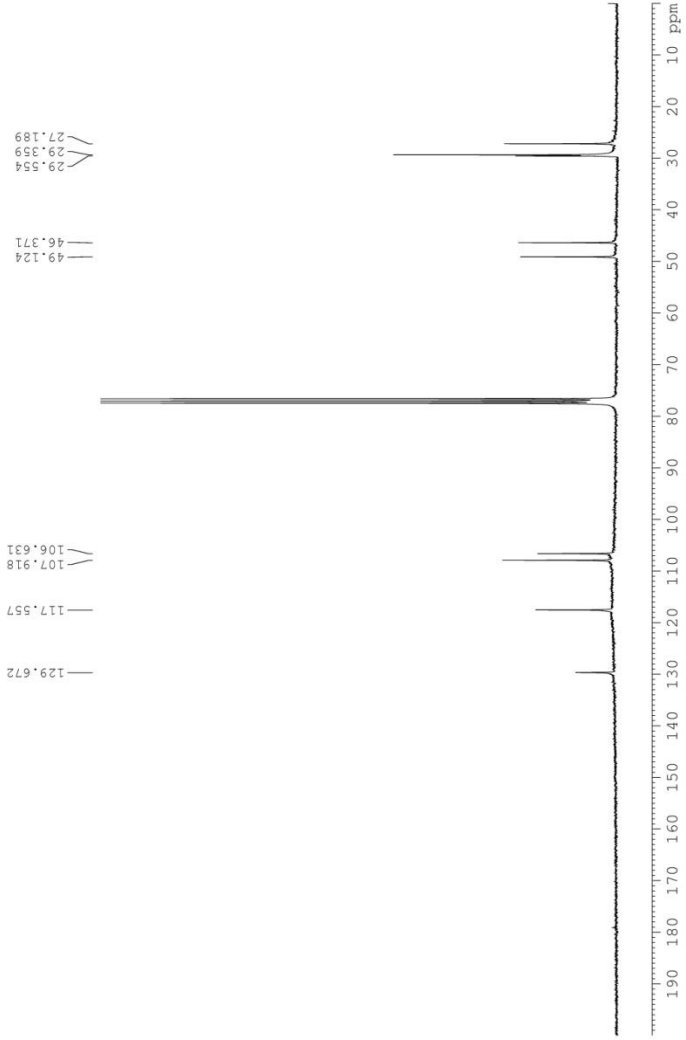
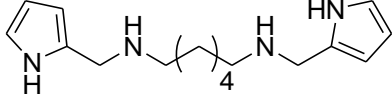
Espectro de RMN del compuesto 71



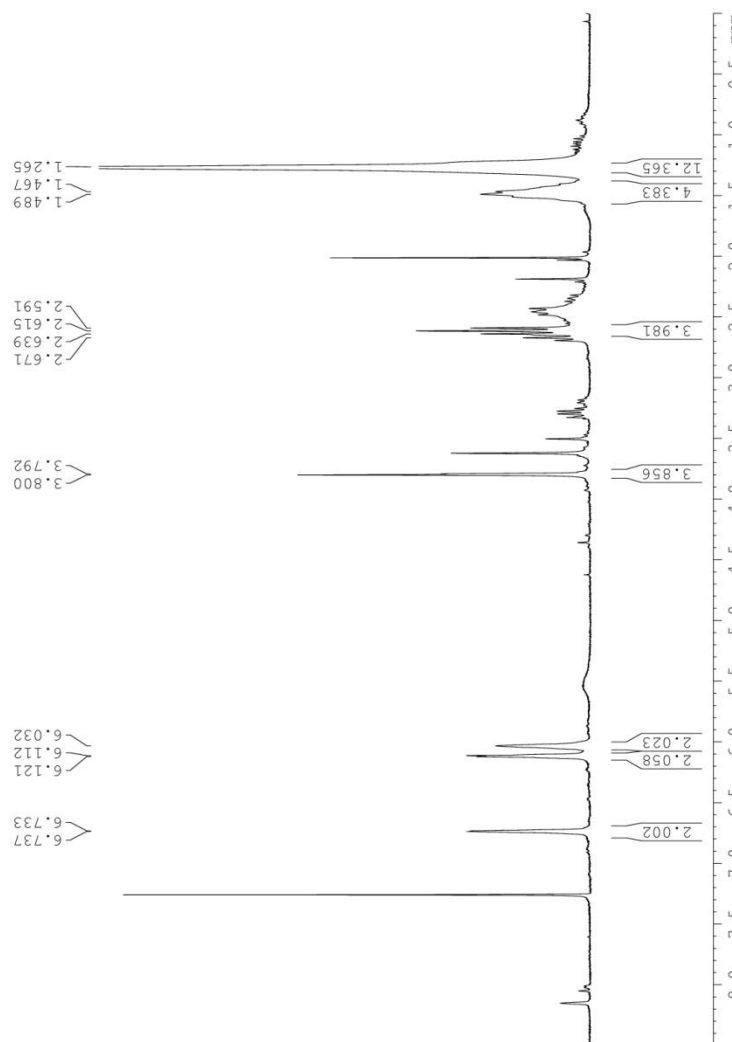
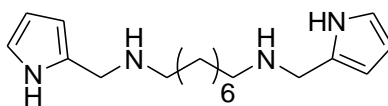


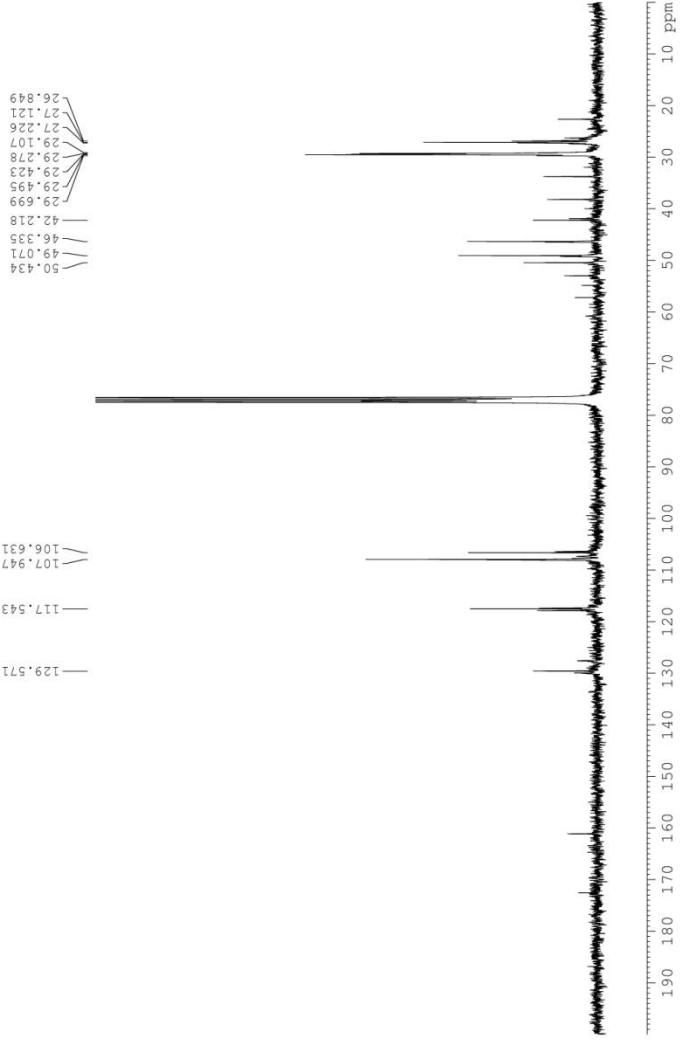
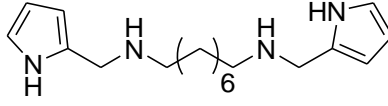
Espectro de RMN del compuesto 72



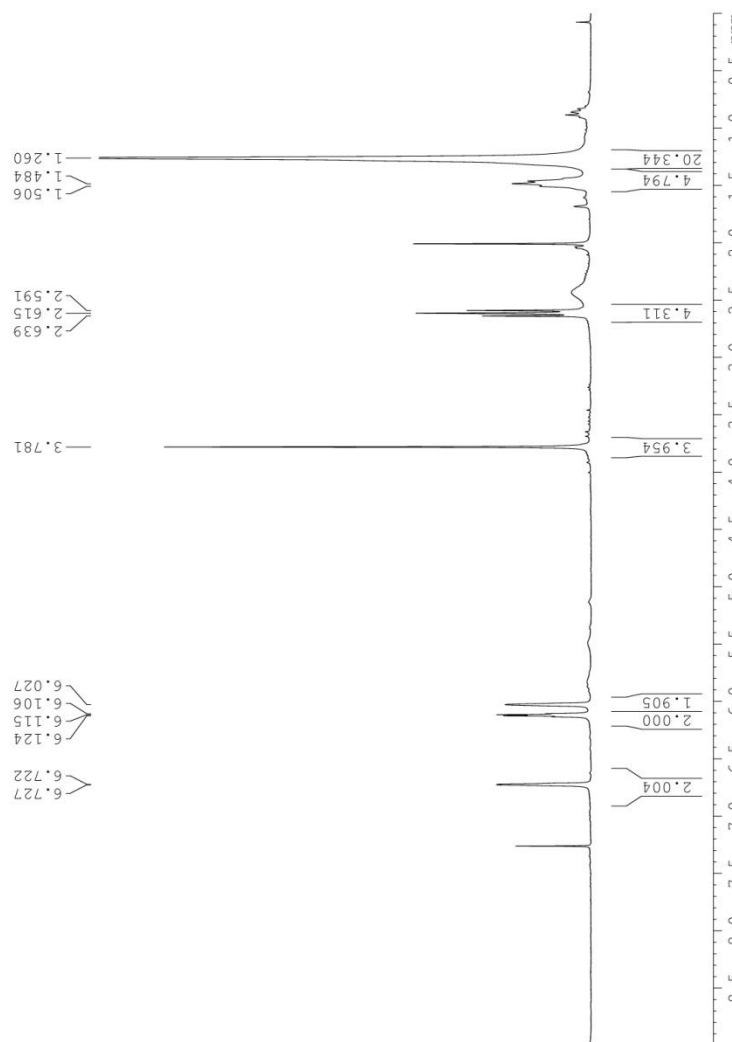
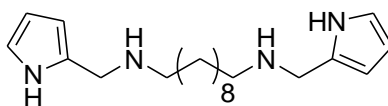


Espectro de RMN del compuesto 73

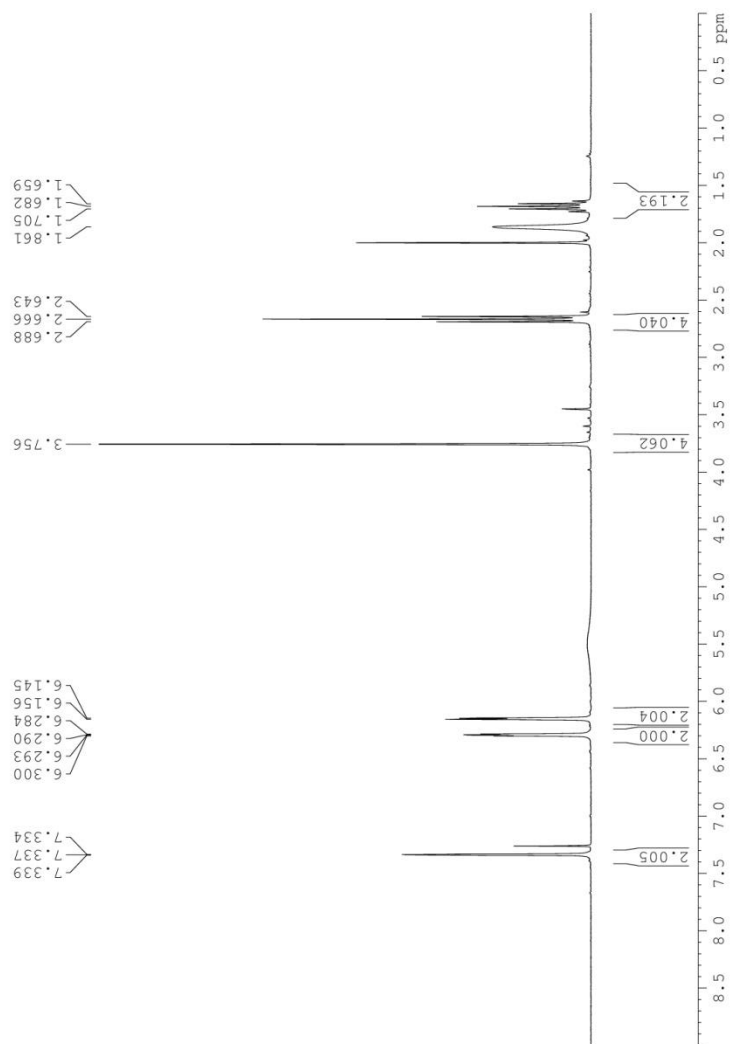
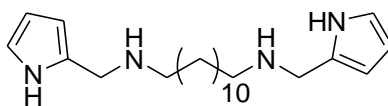


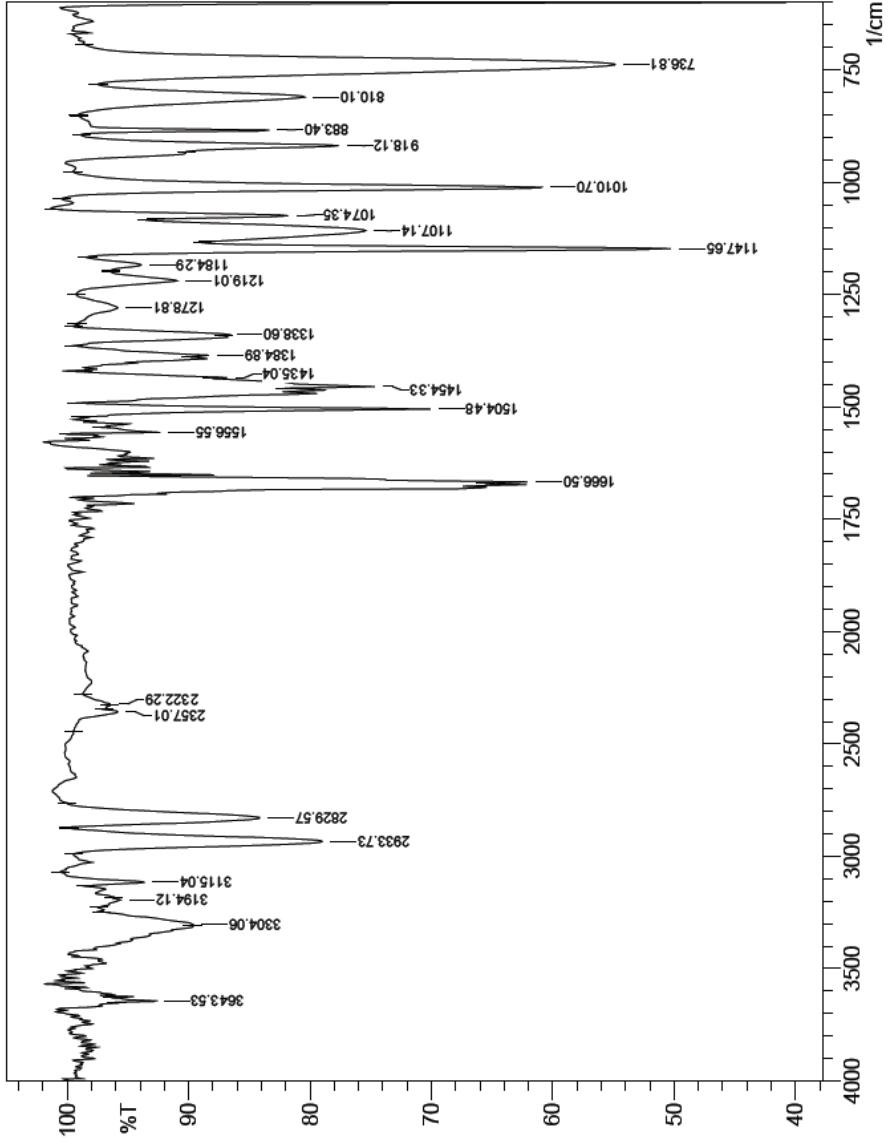
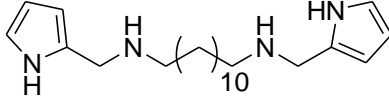


Espectro de RMN del compuesto 74

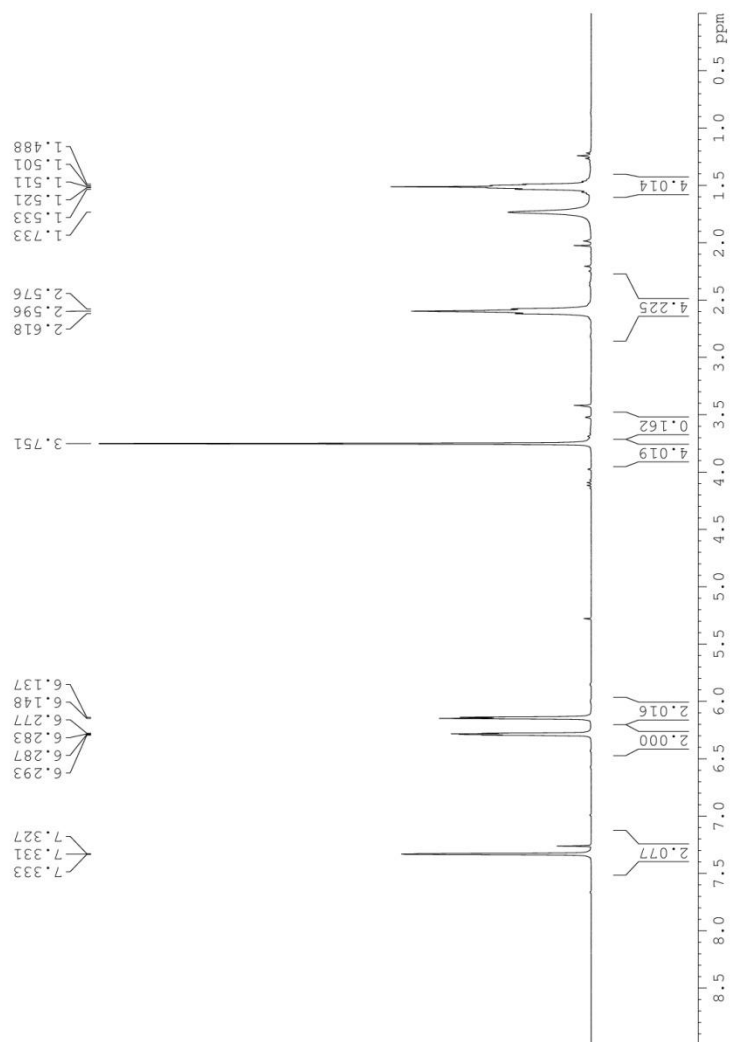
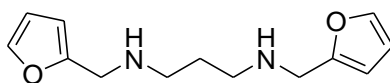


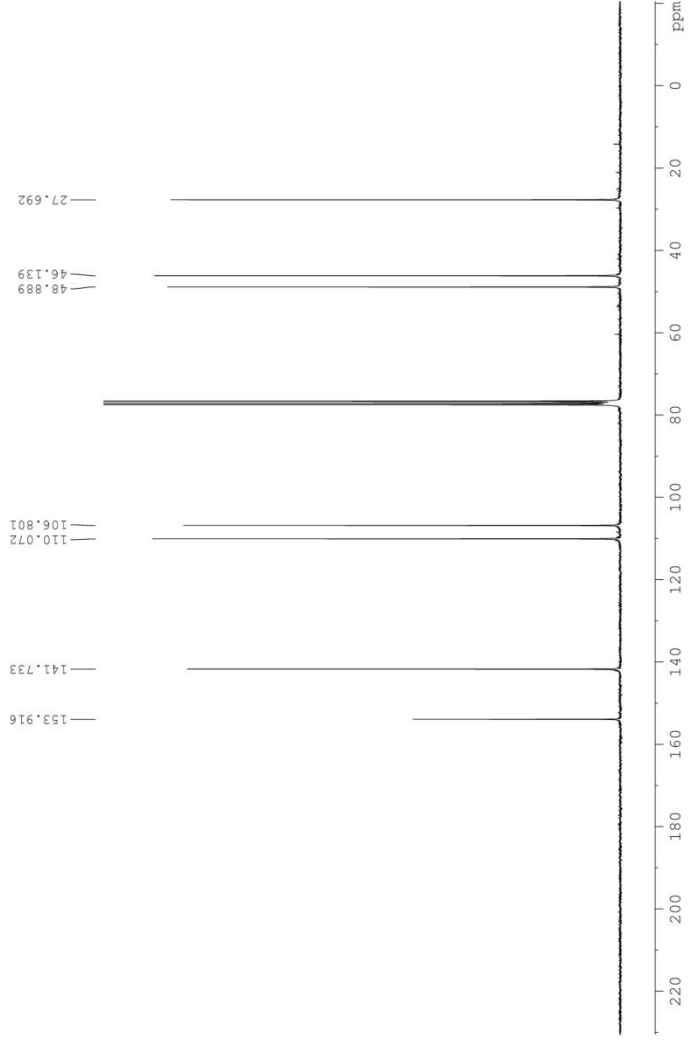
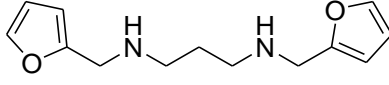
Espectro de RMN del compuesto 75

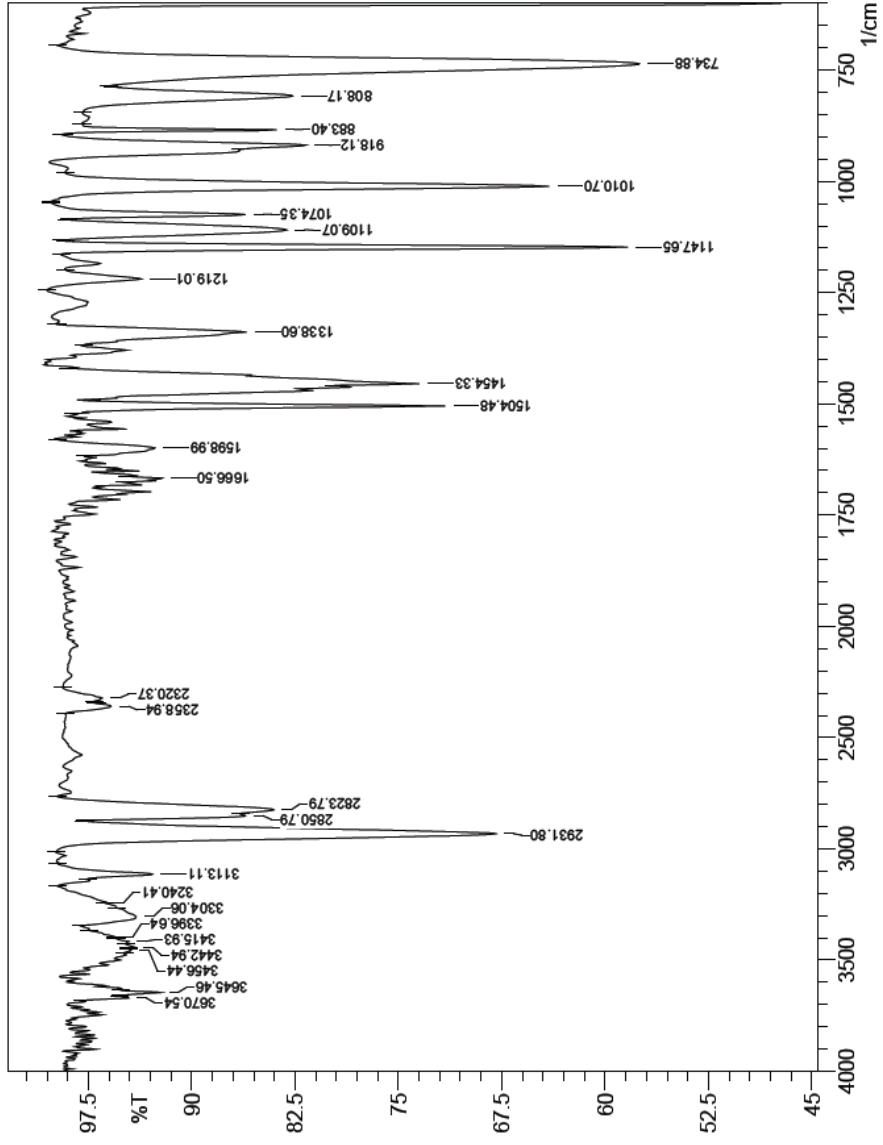
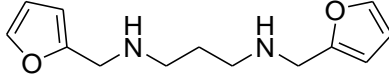




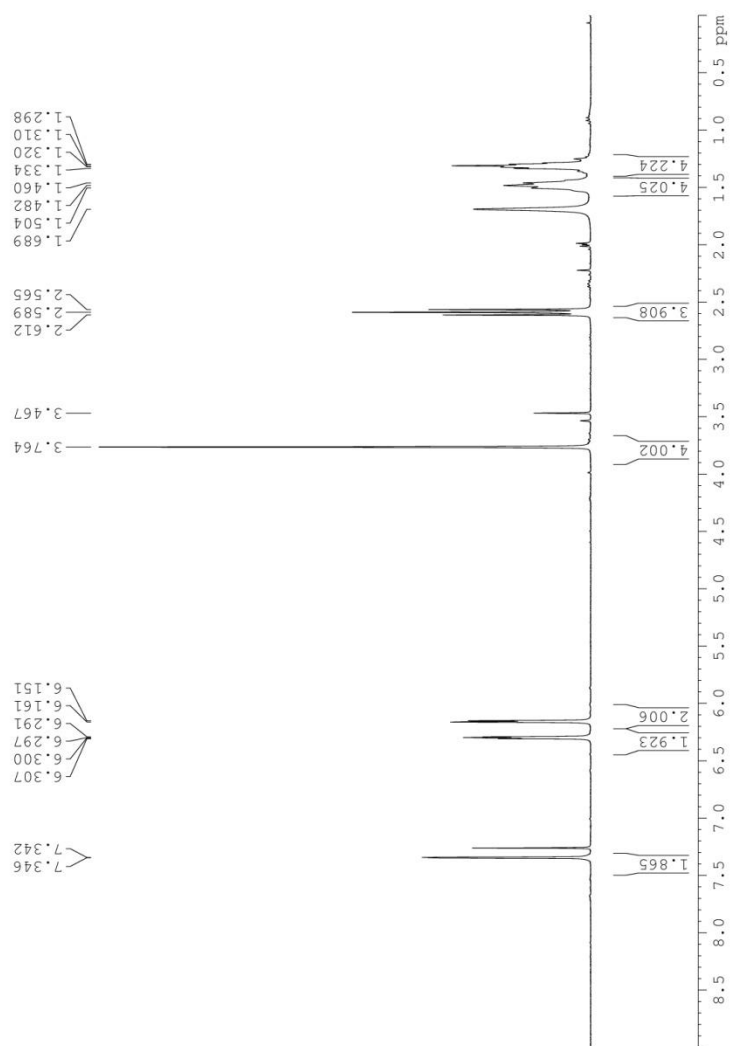
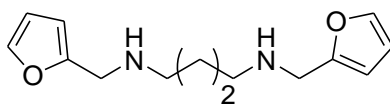
Espectro de RMN del compuesto 76

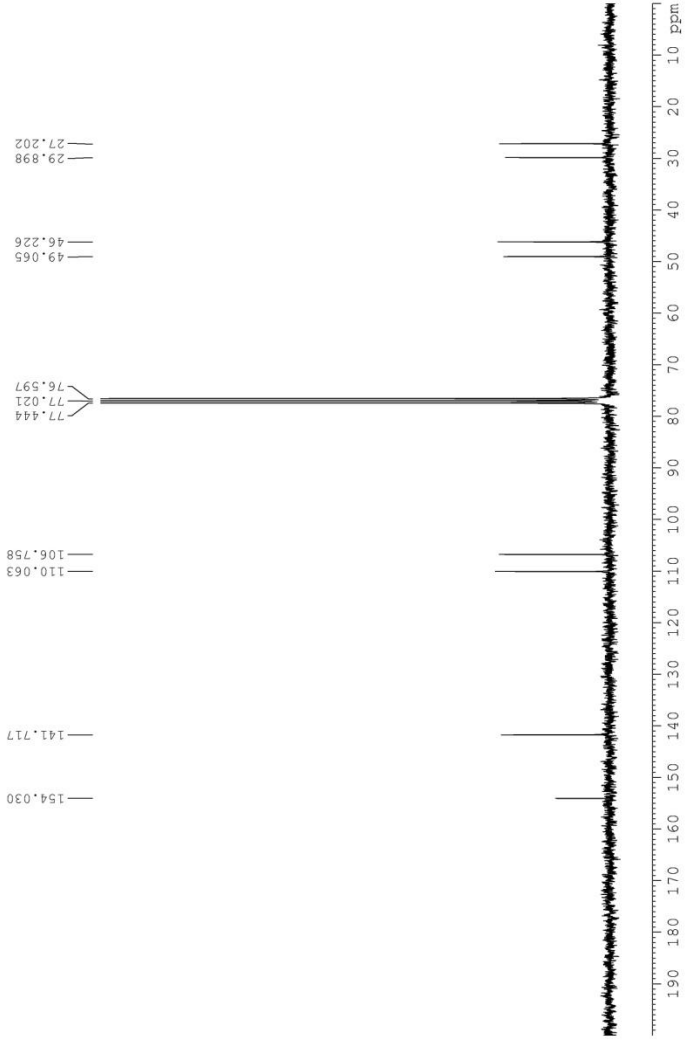
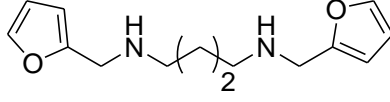


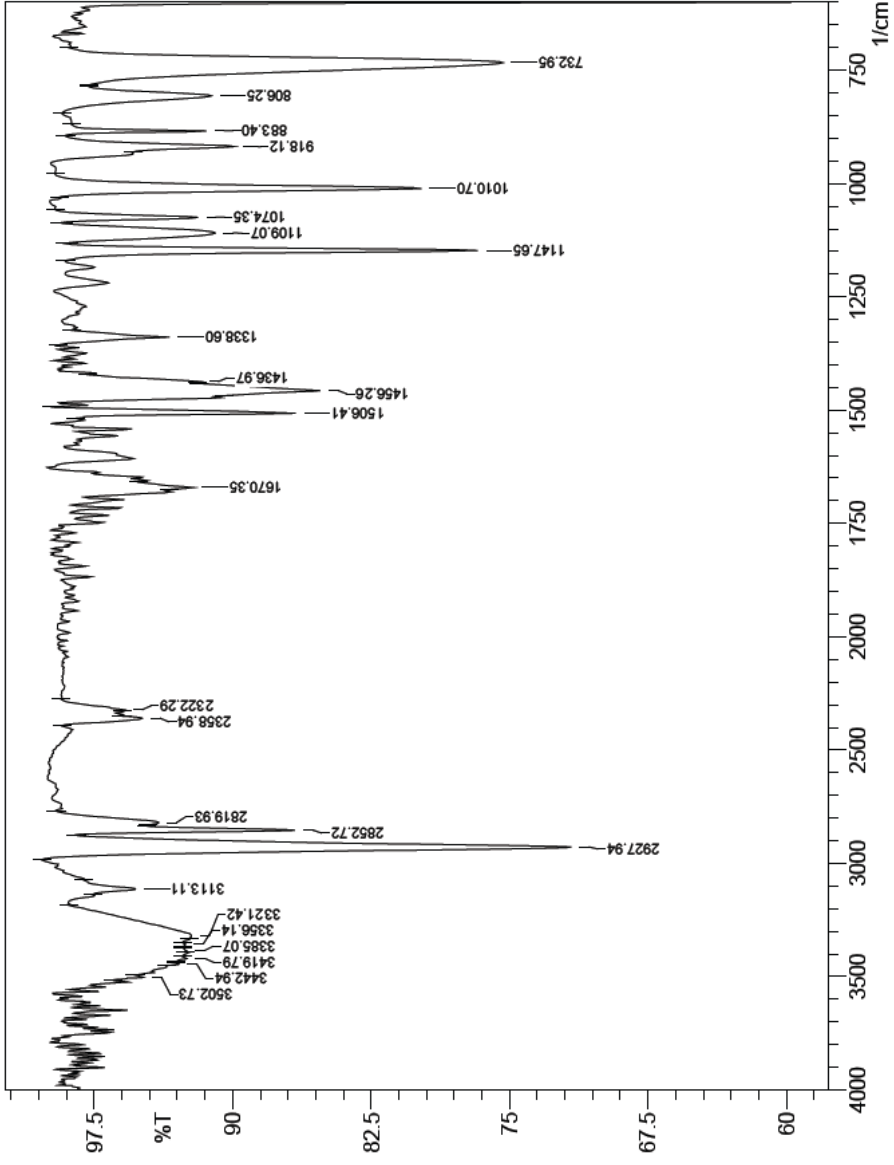
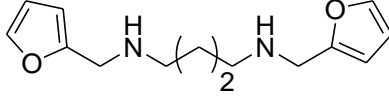




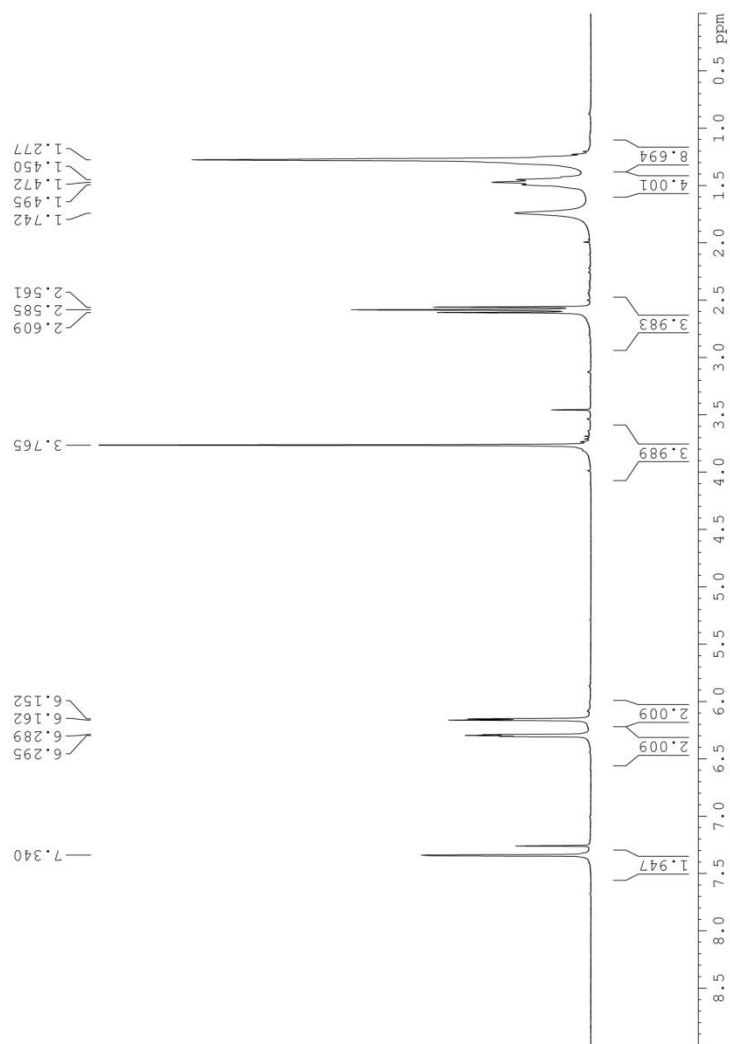
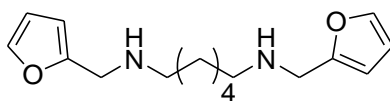
Espectro de RMN del compuesto 77

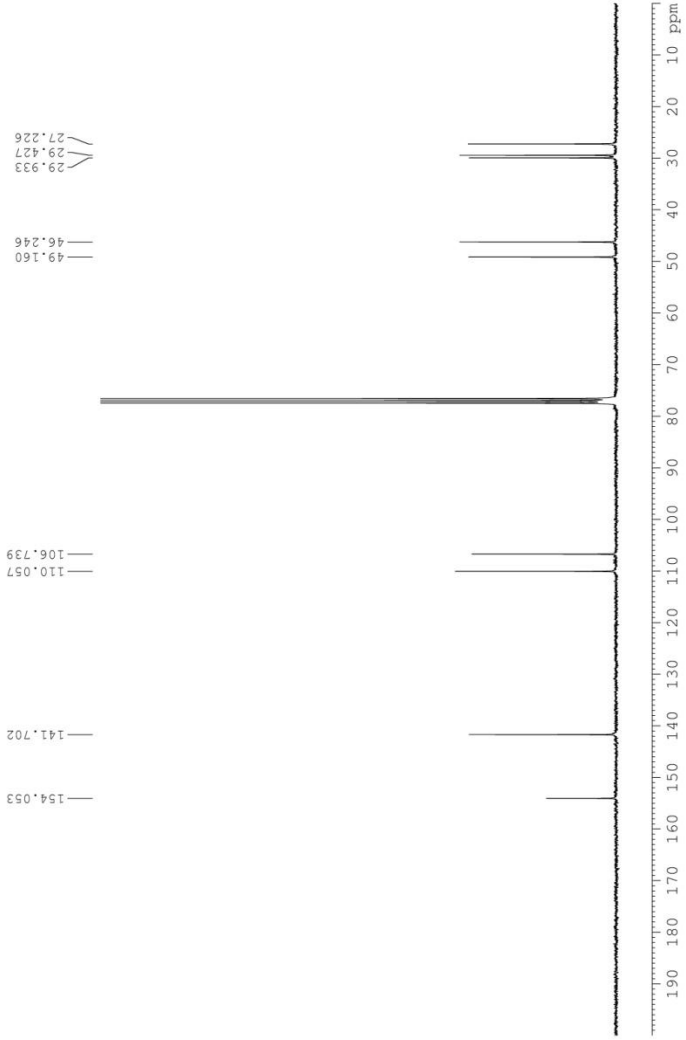
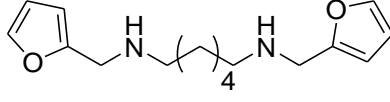


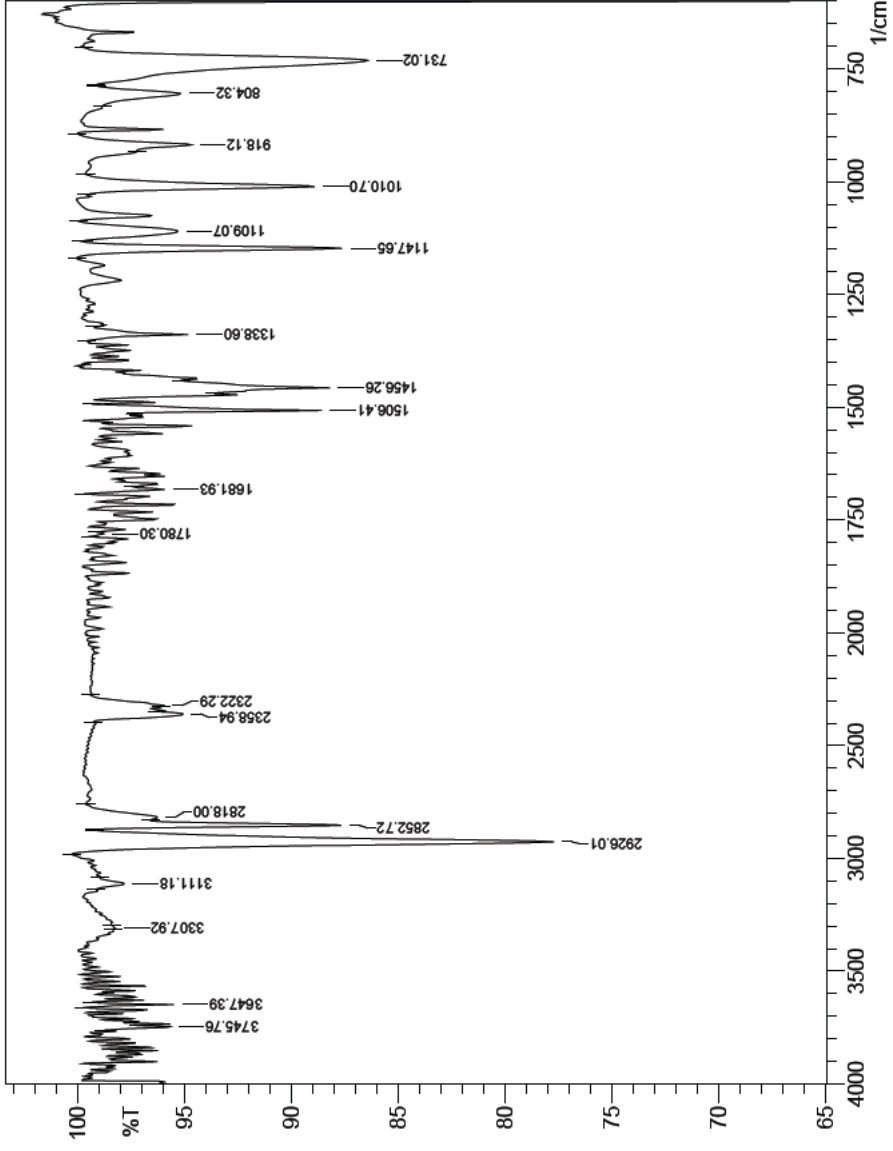
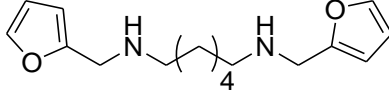




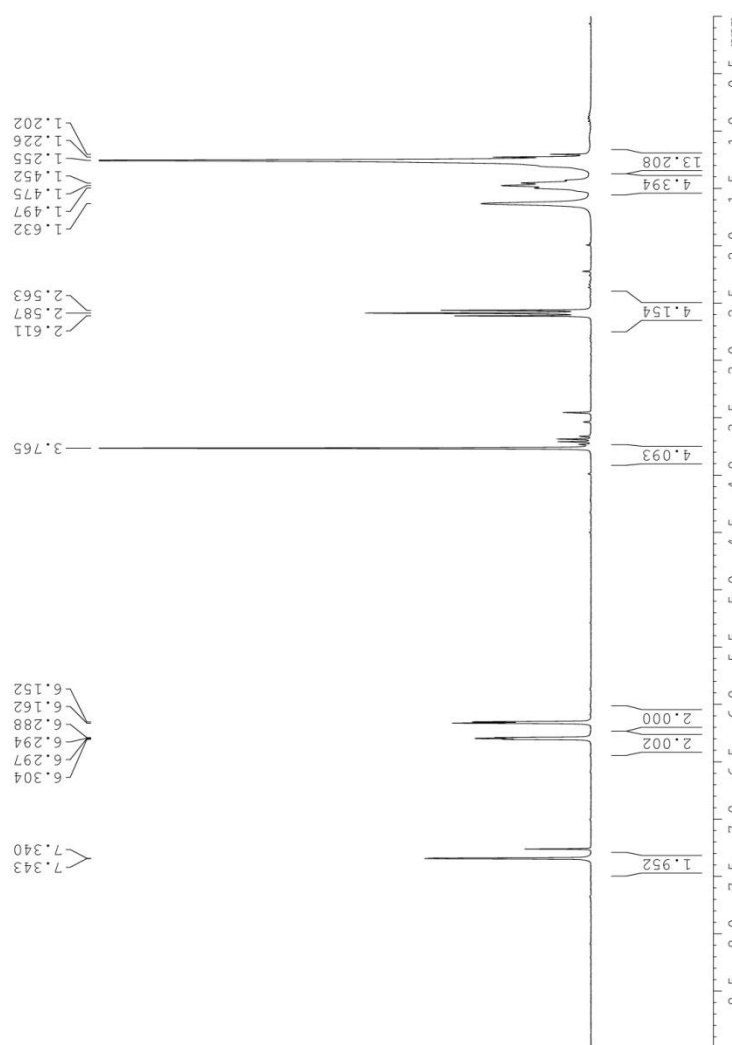
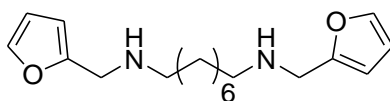
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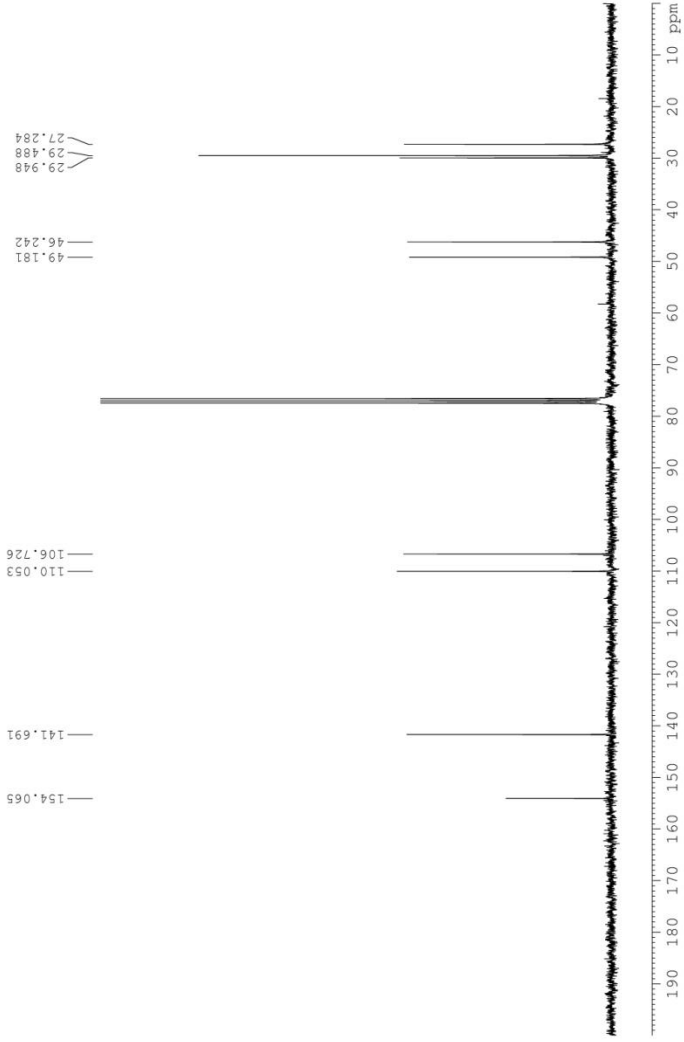
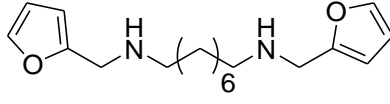




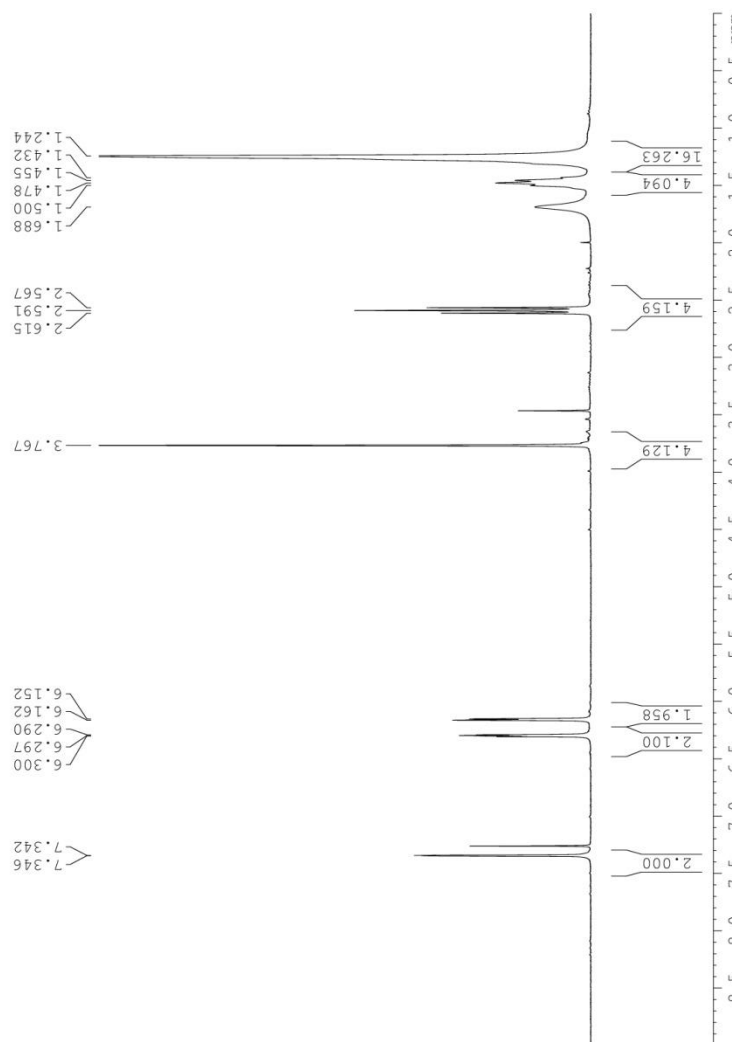
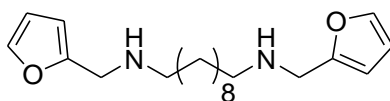


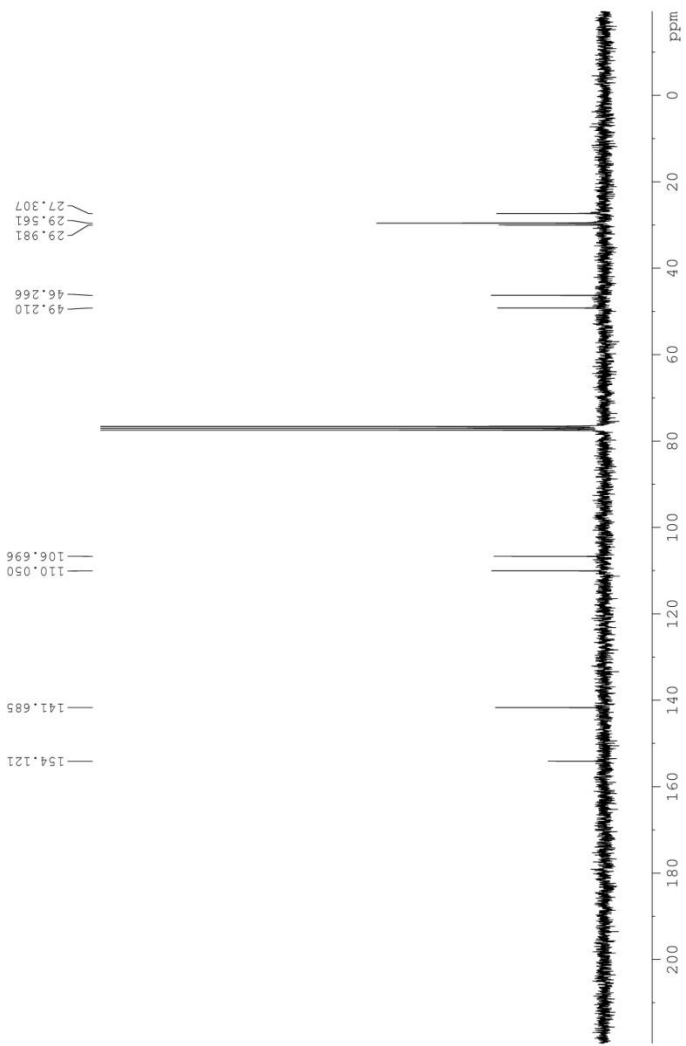
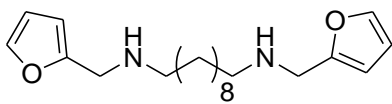
Espectro de RMN del compuesto 79

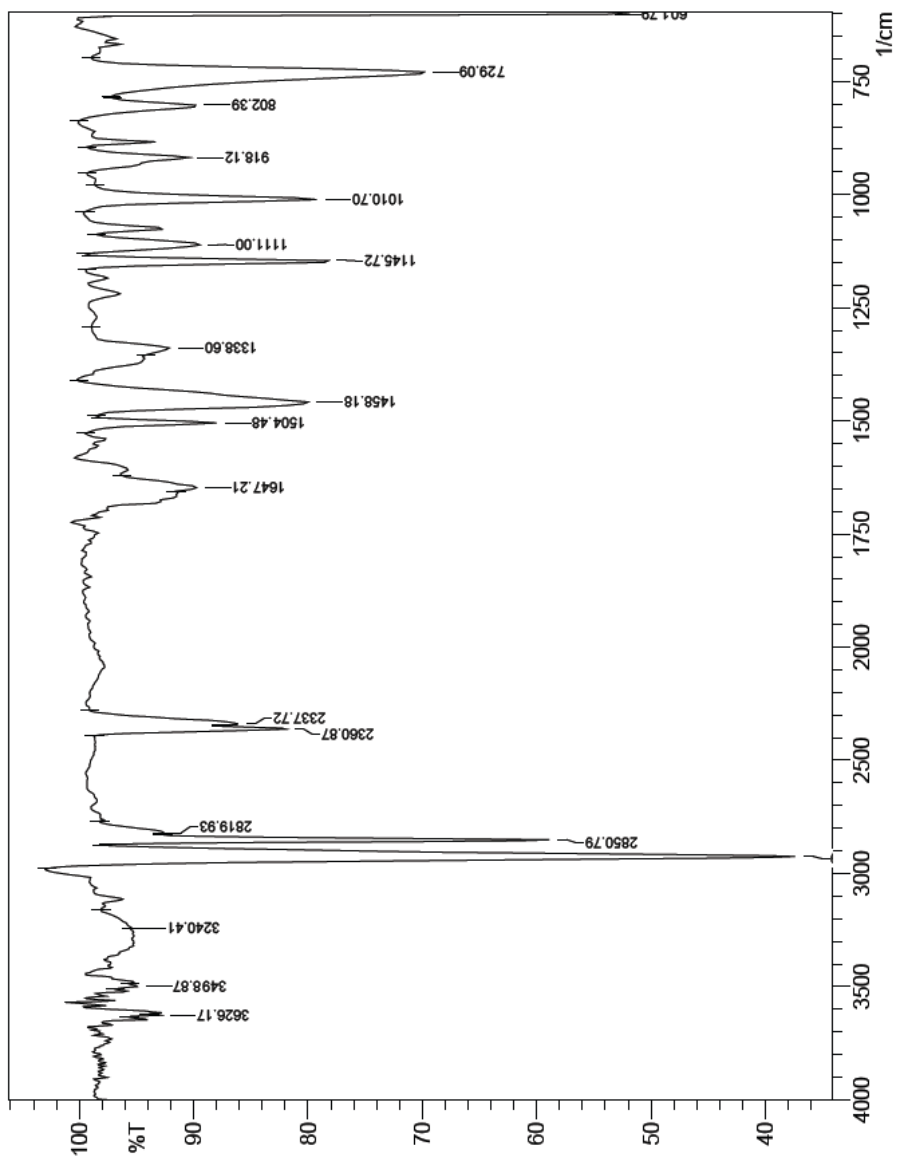
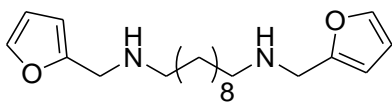




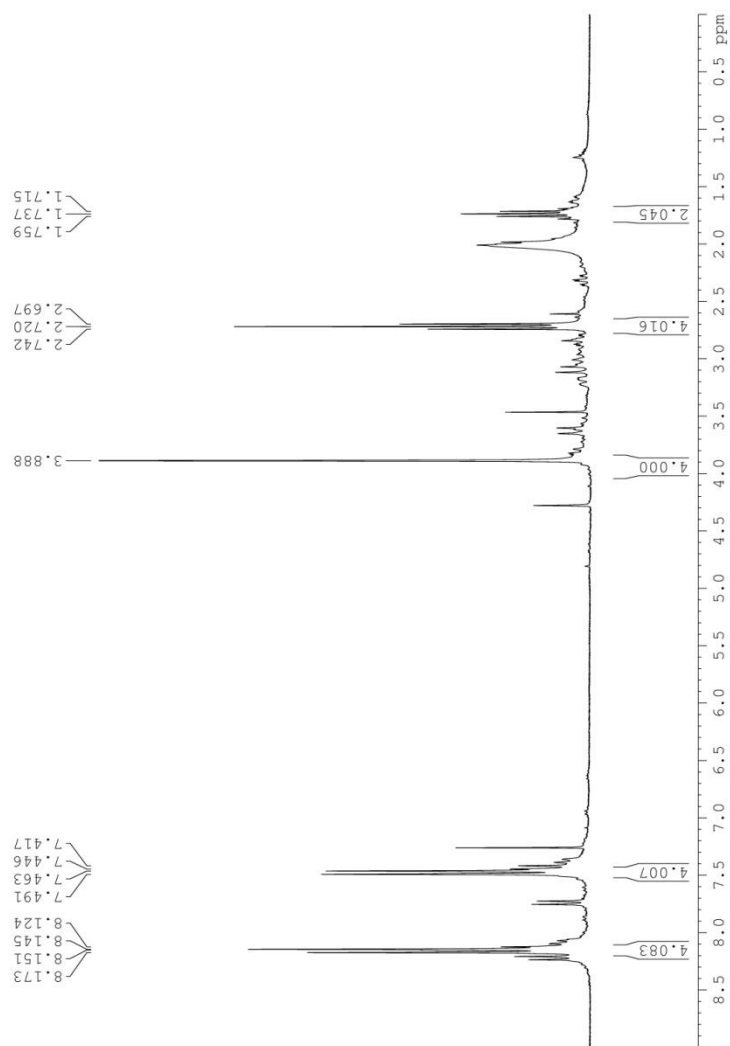
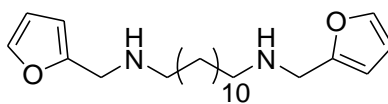
Espectro de RMN del compuesto 80

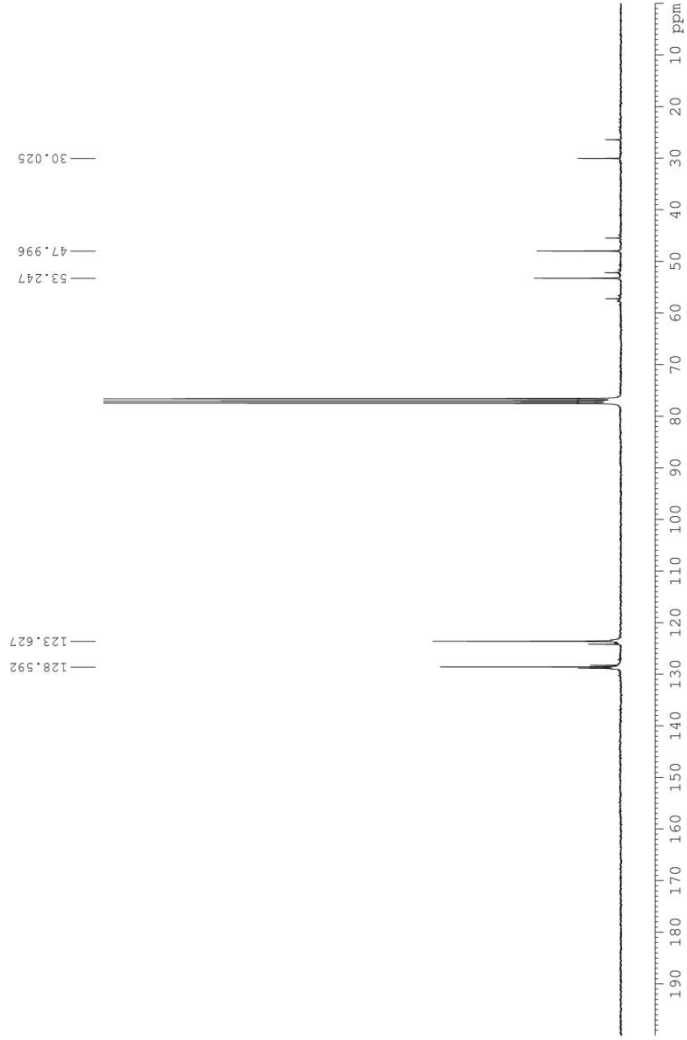
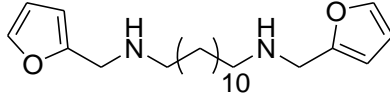


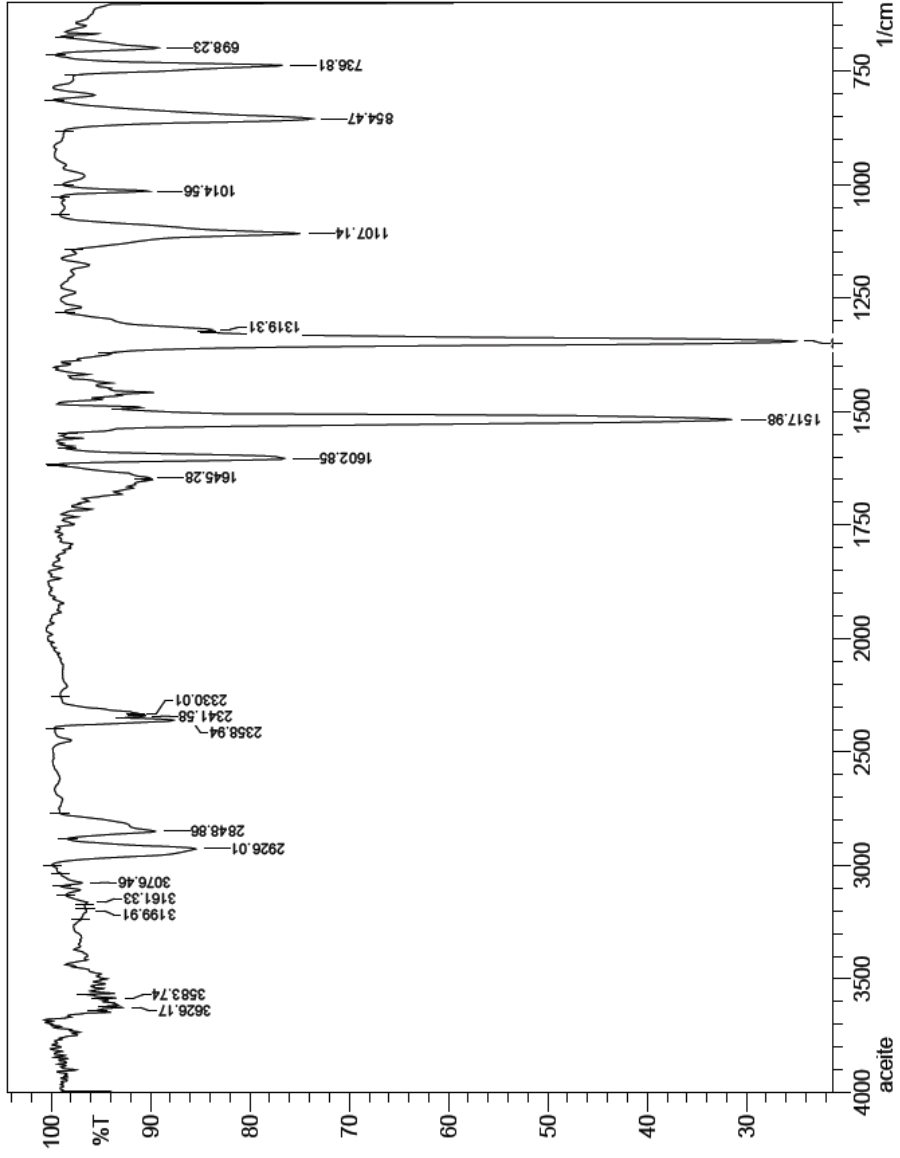
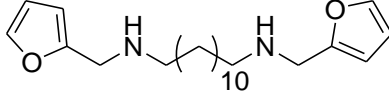




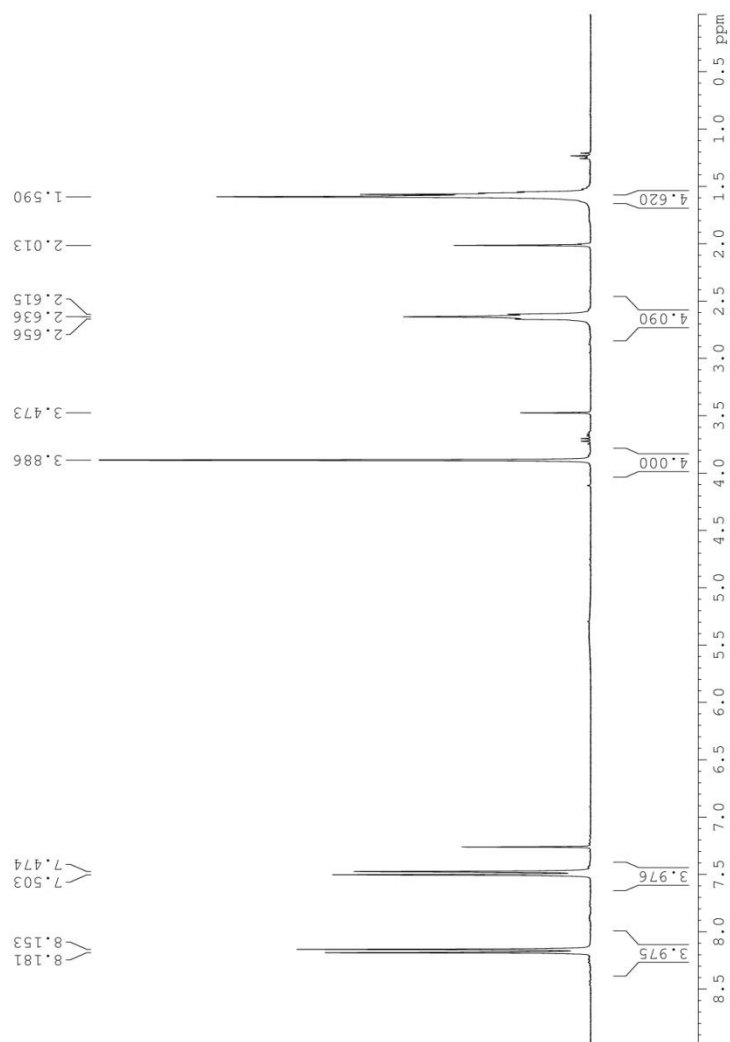
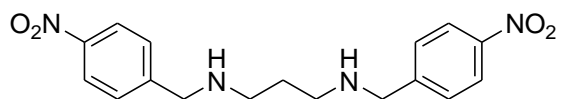
Espectro de RMN del compuesto 81

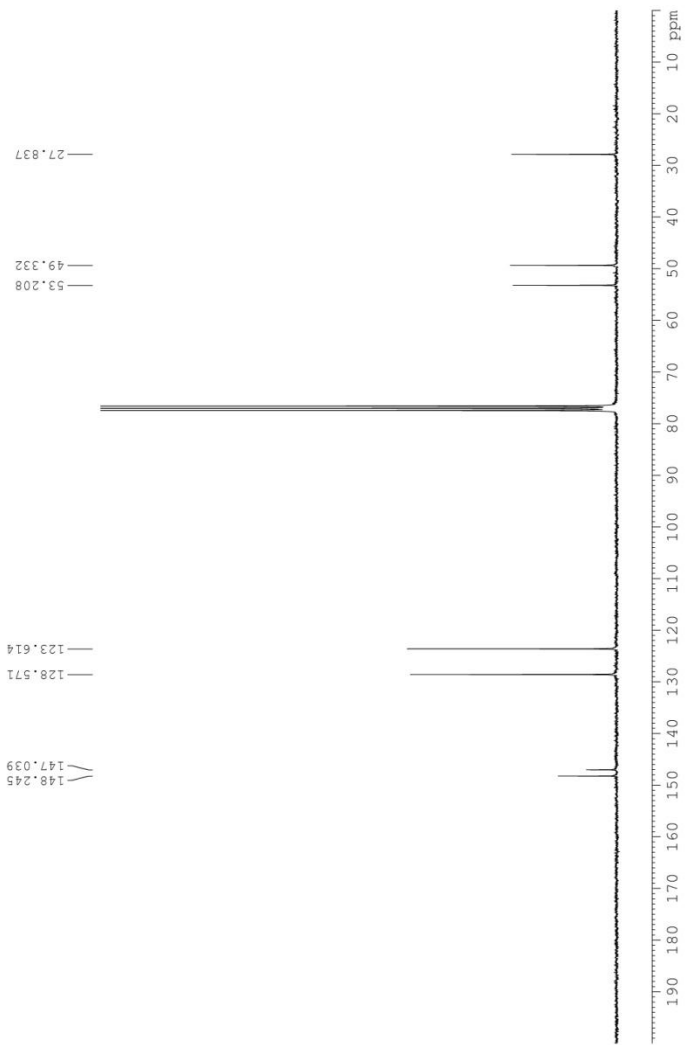
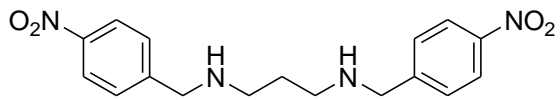




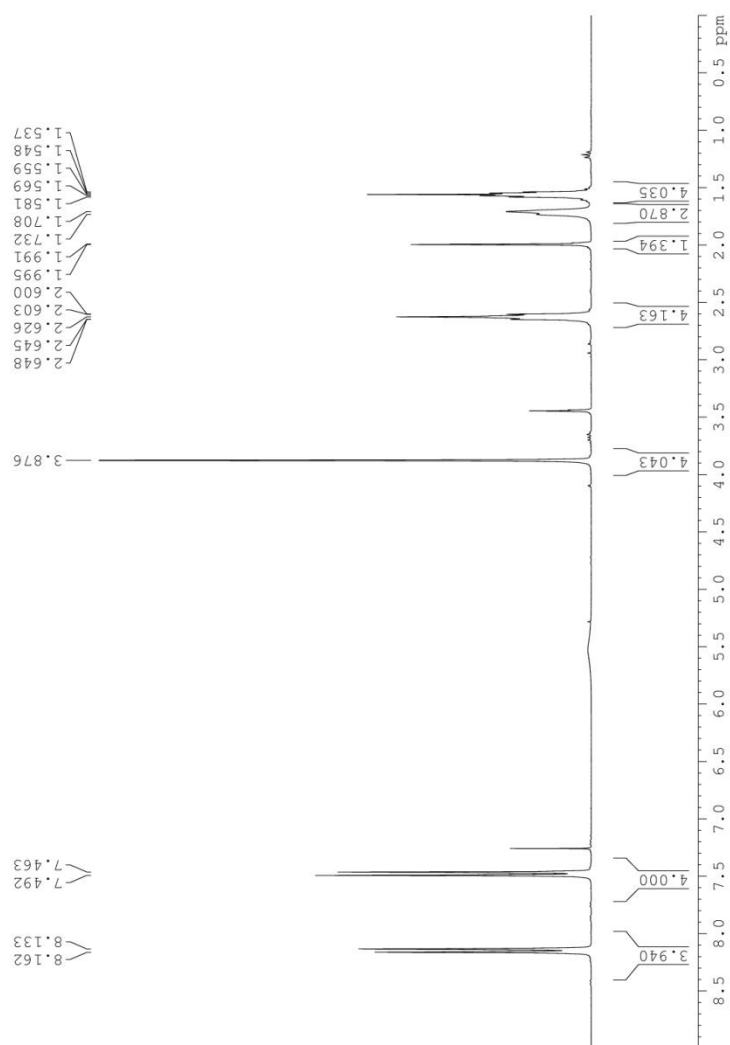
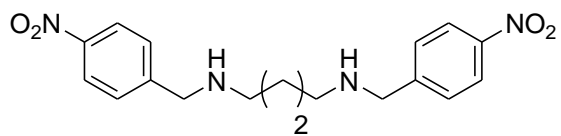


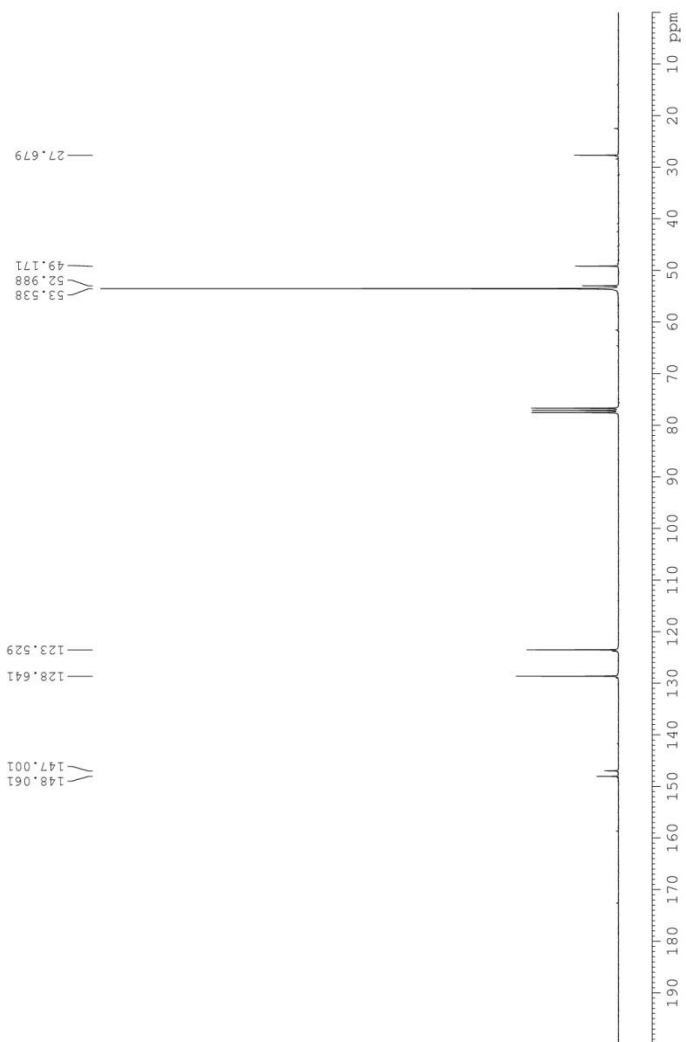
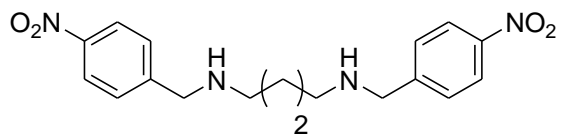
Espectro de RMN del compuesto 82



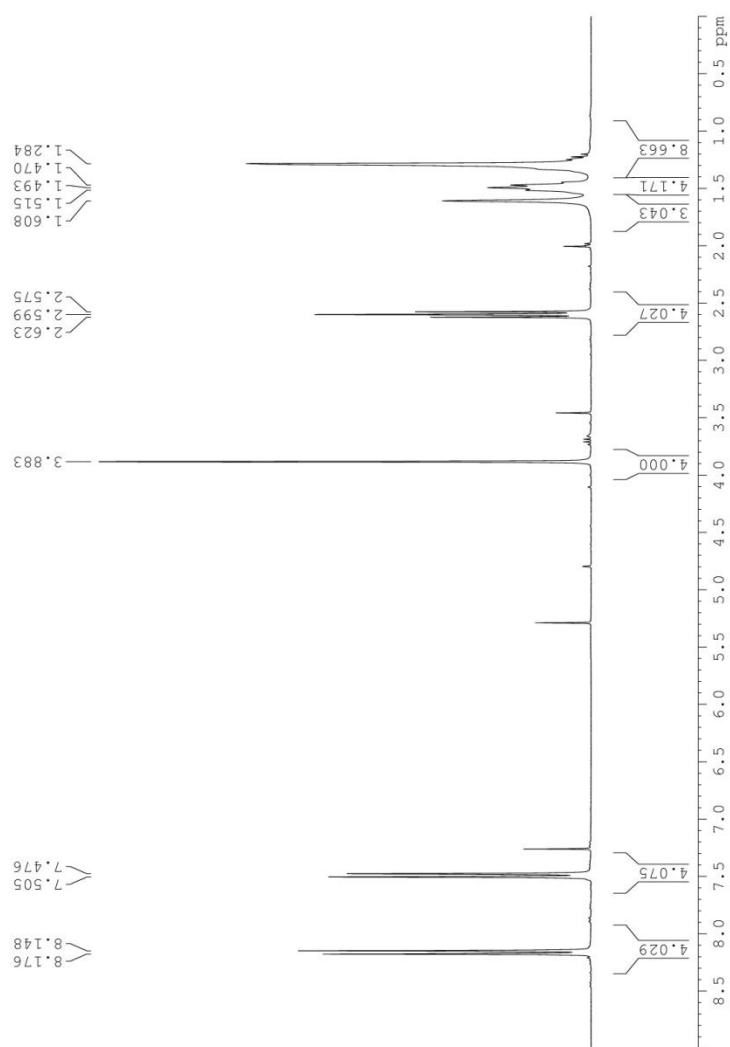
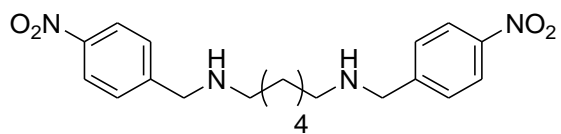


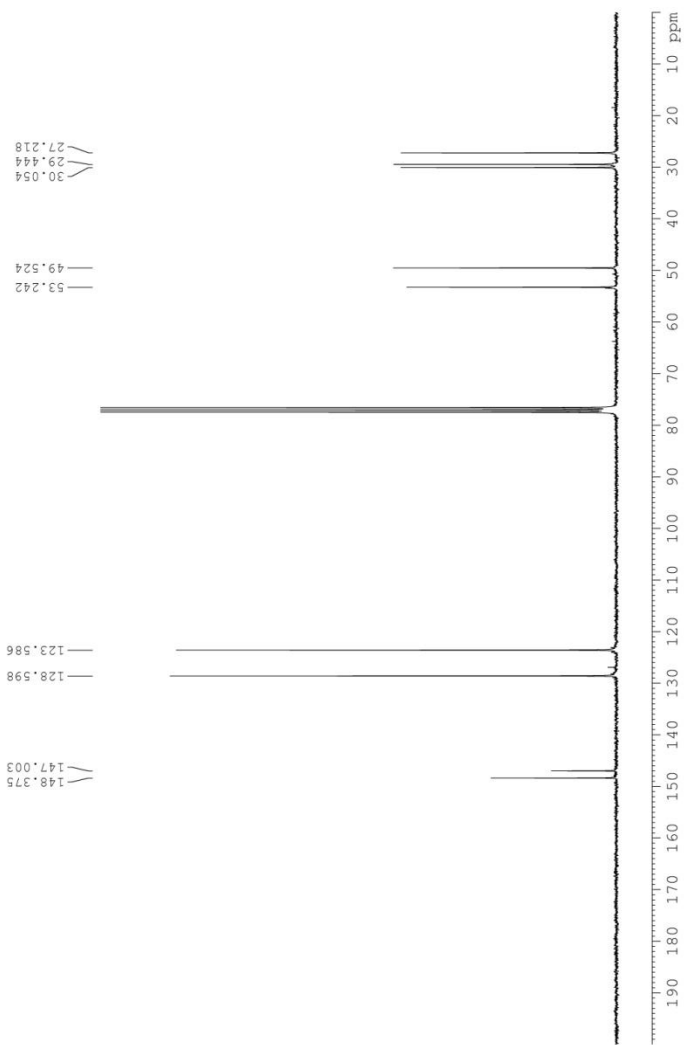
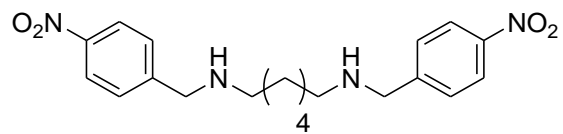
Espectro de RMN del compuesto 83

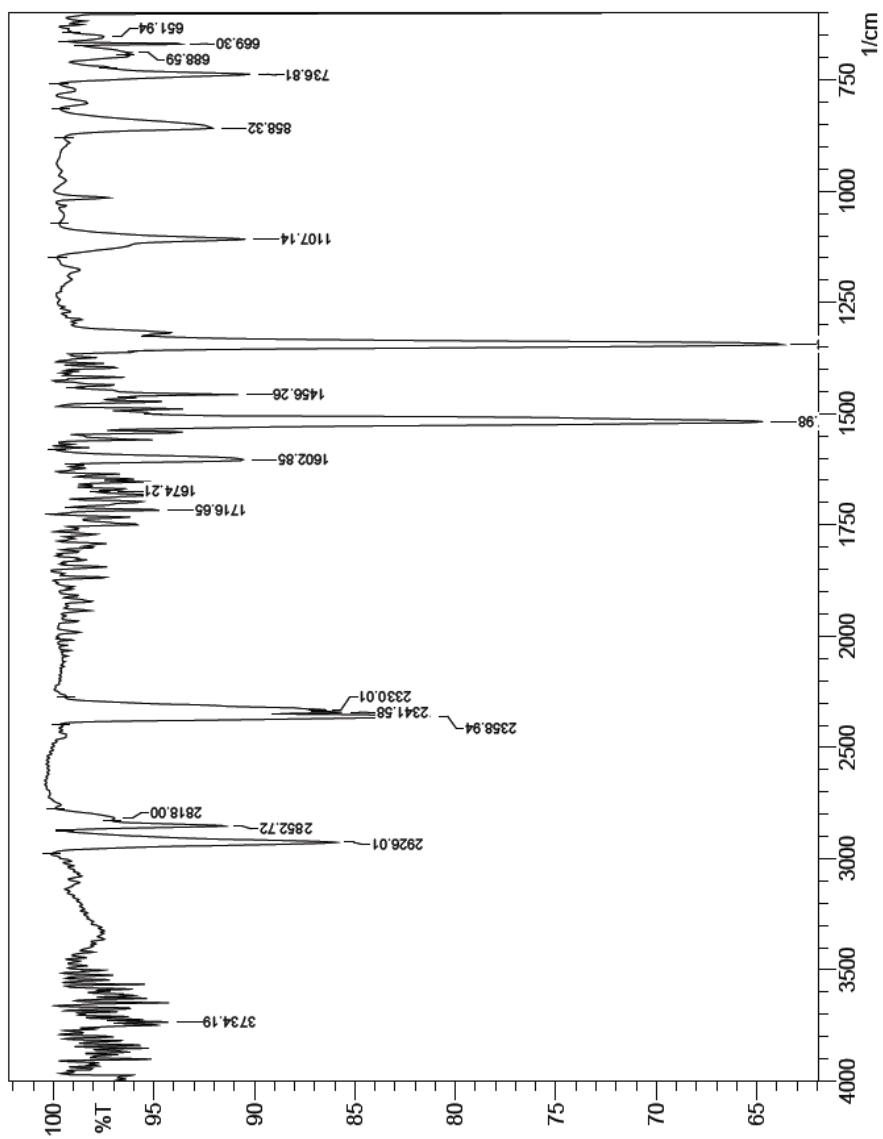
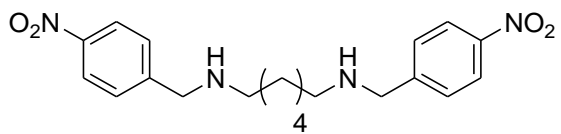




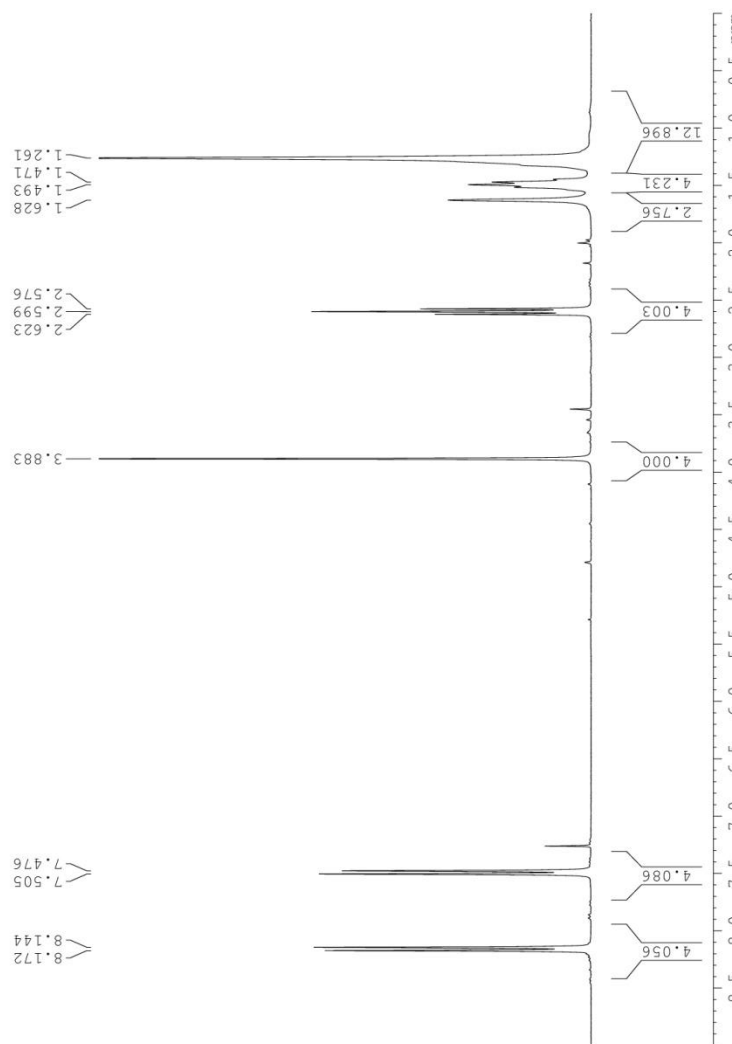
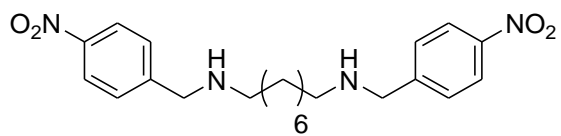
Espectro de RMN del compuesto 84

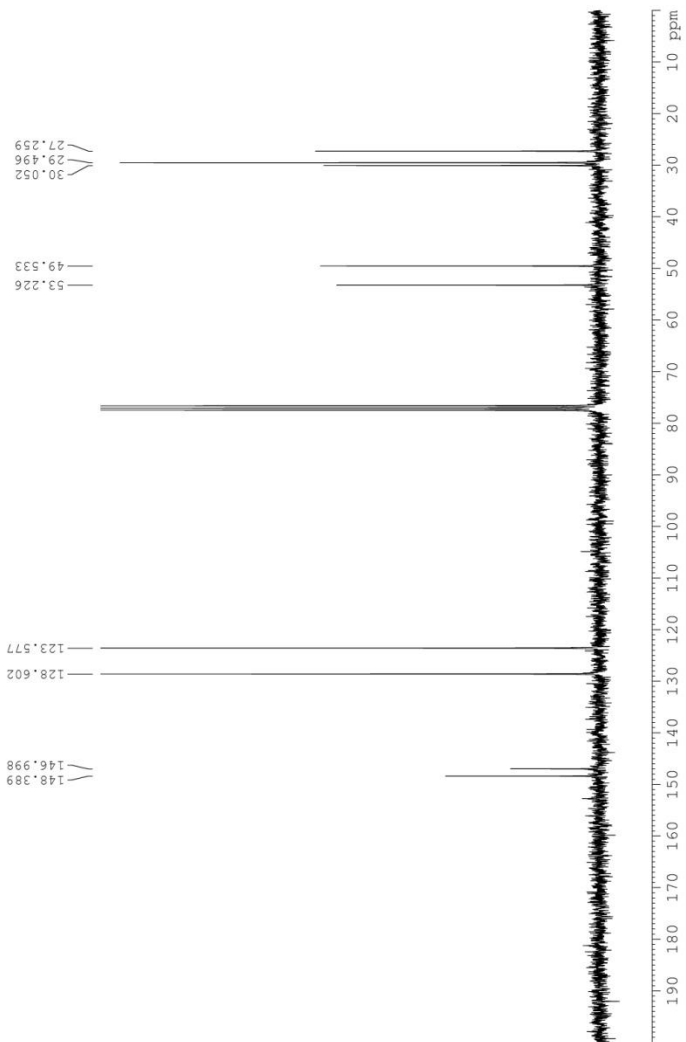
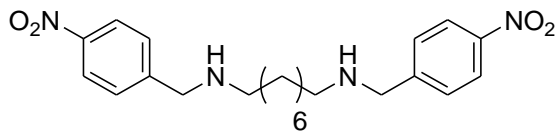


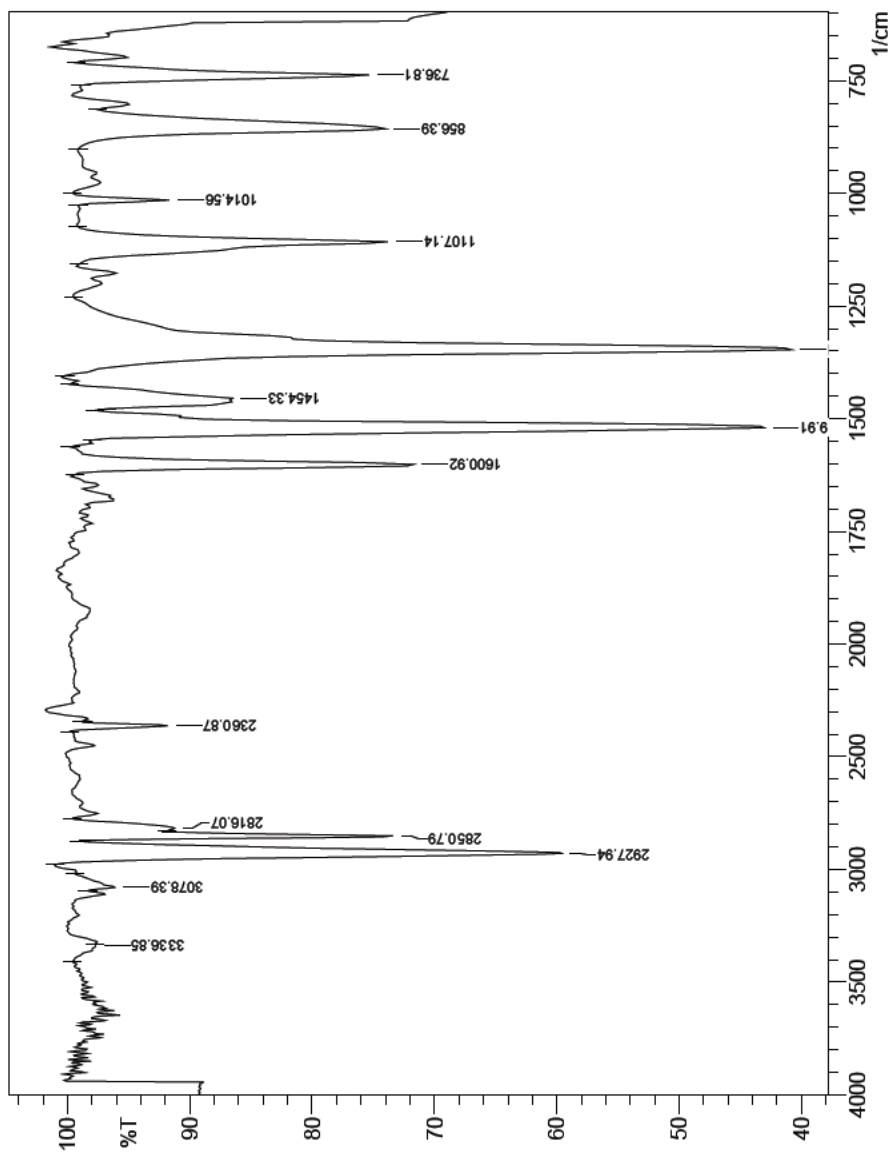
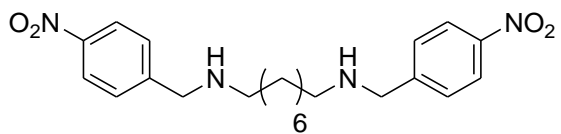




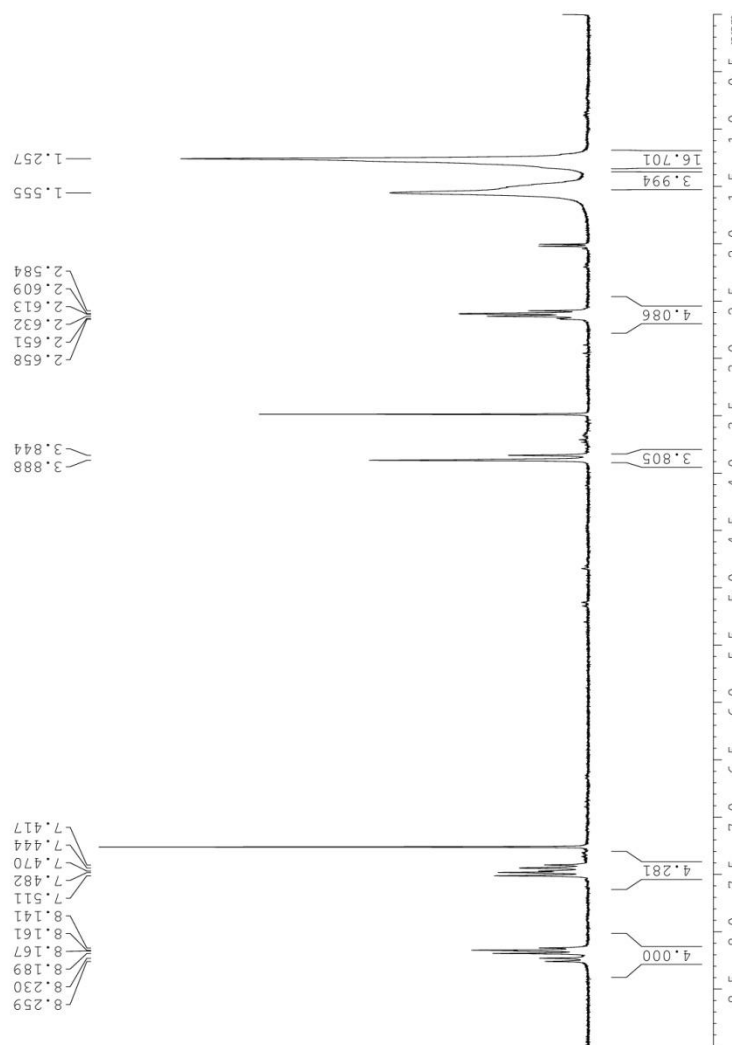
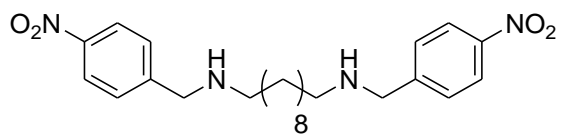
Espectro de RMN del compuesto 85

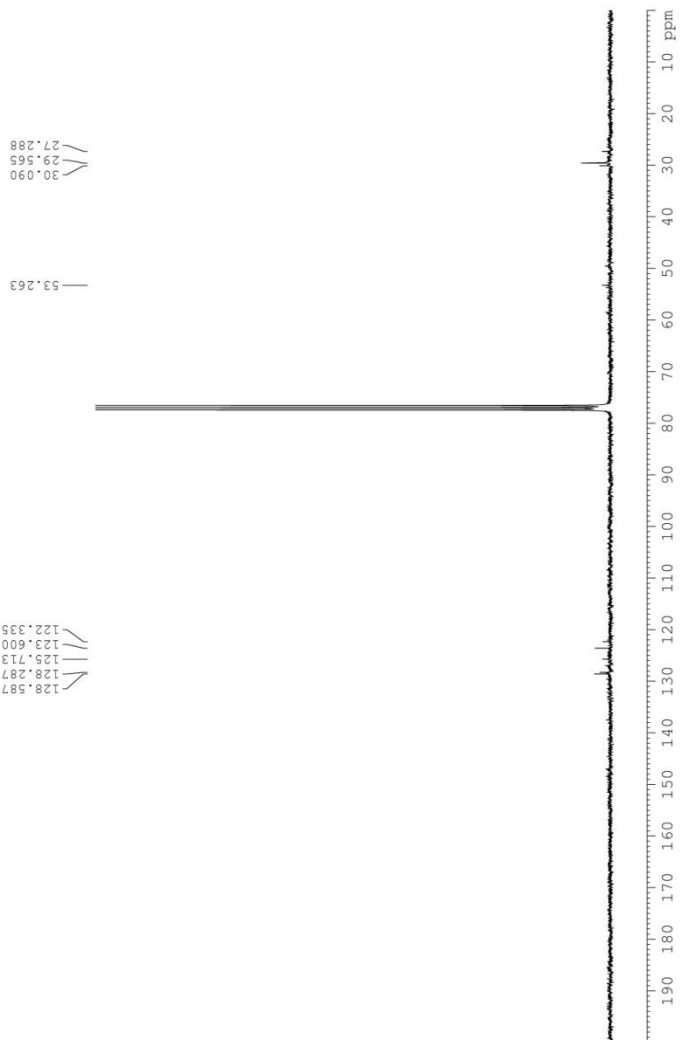
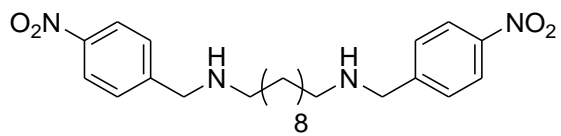






Espectro de RMN del compuesto 86





Espectro de RMN del compuesto 87

