

SUPPLEMENTARY INFORMATION

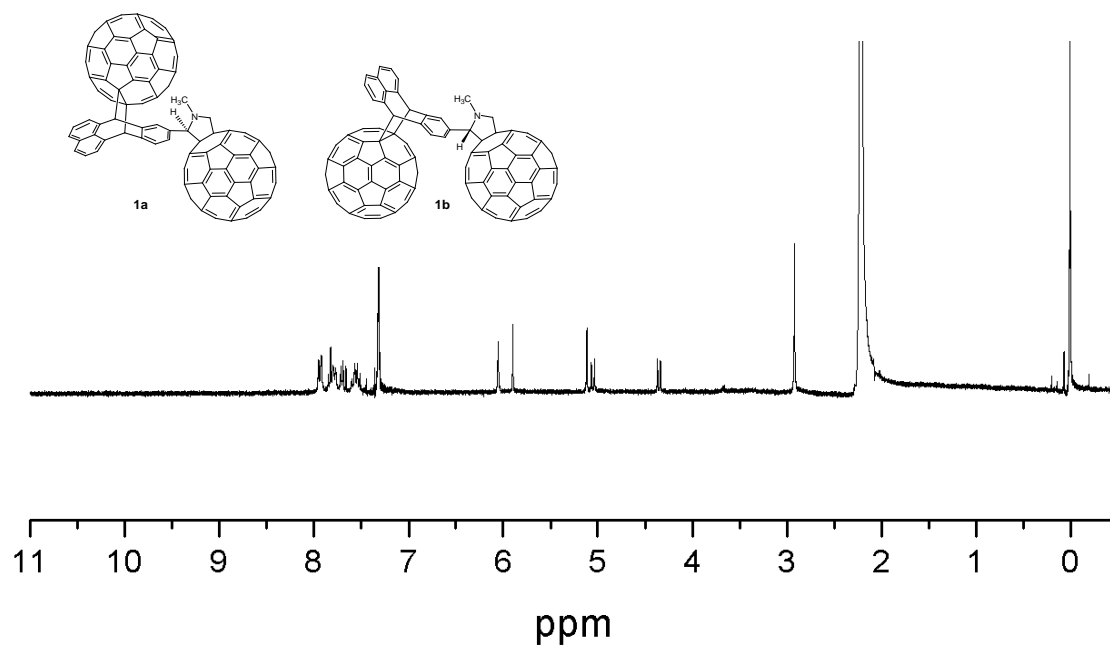
**C<sub>60</sub> dimers connected through pleiadene bridges: Fullerenes talking to each other**

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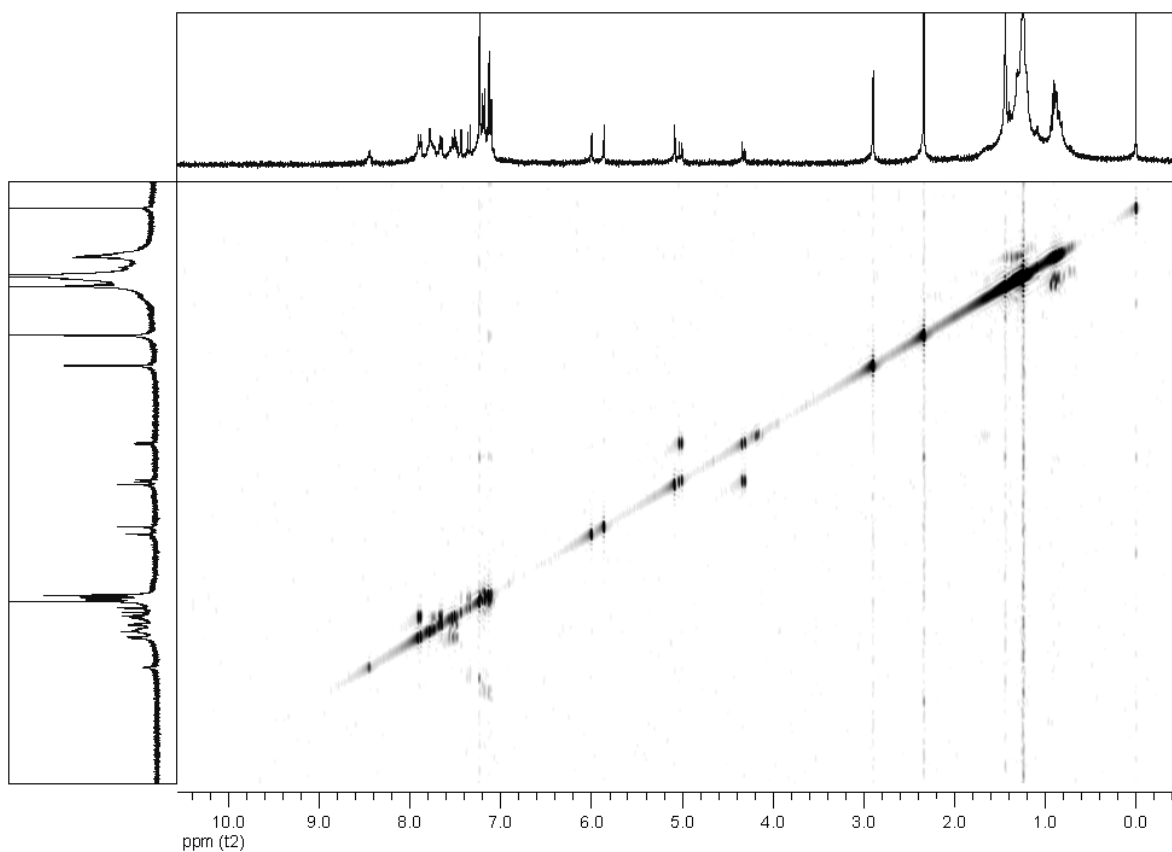
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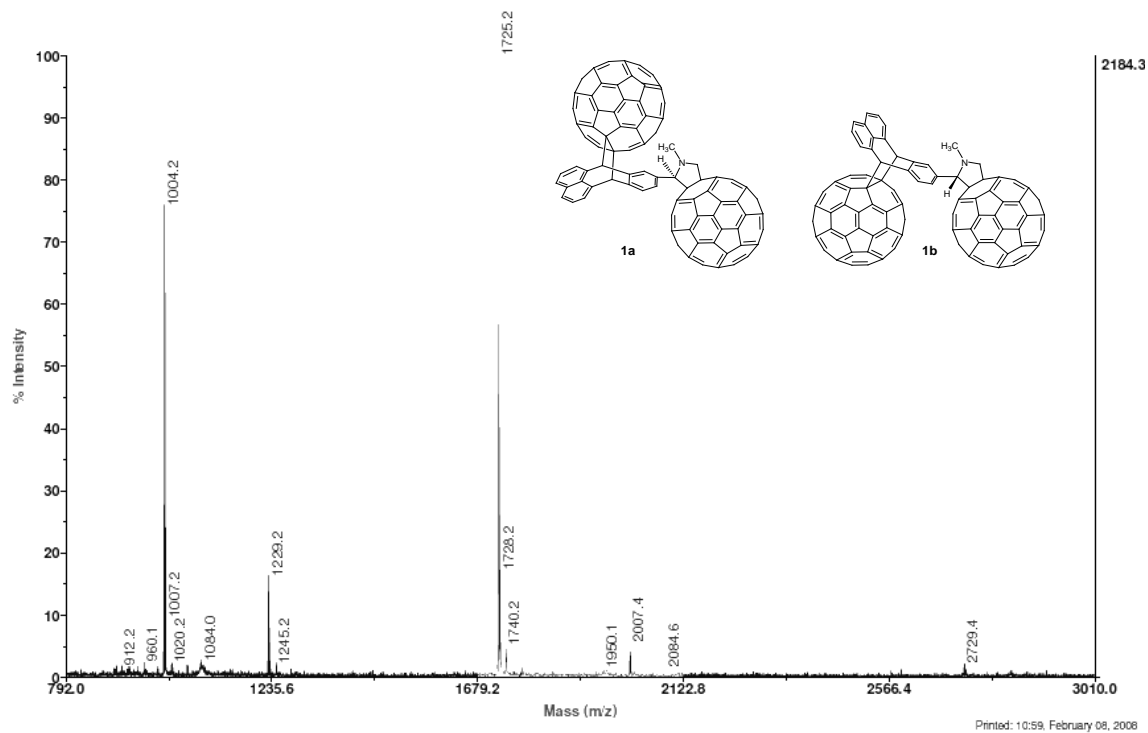
**Fig S1.** <sup>1</sup>H-NMR spectrum of **1a,b**



**Fig S2.** H-H COSY spectrum of **1a,b**

Applied Biosystems 4700 Proteomics Analyzer 347000029

4700 Reflector Spec #1 MC=>SM3[BP = 1725.2, 2184]



Applied Biosystems 4700 Proteomics Analyzer 347000029

4700 Reflector Spec #1 MC=>SM3[BP = 1725.2, 2184]

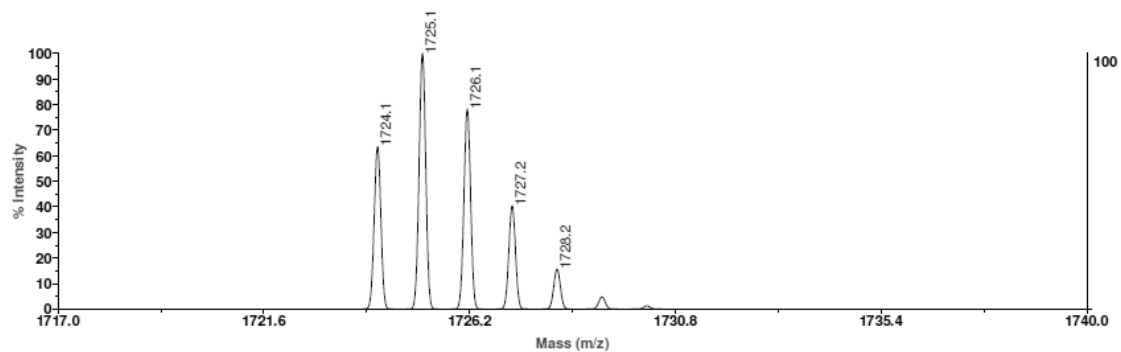
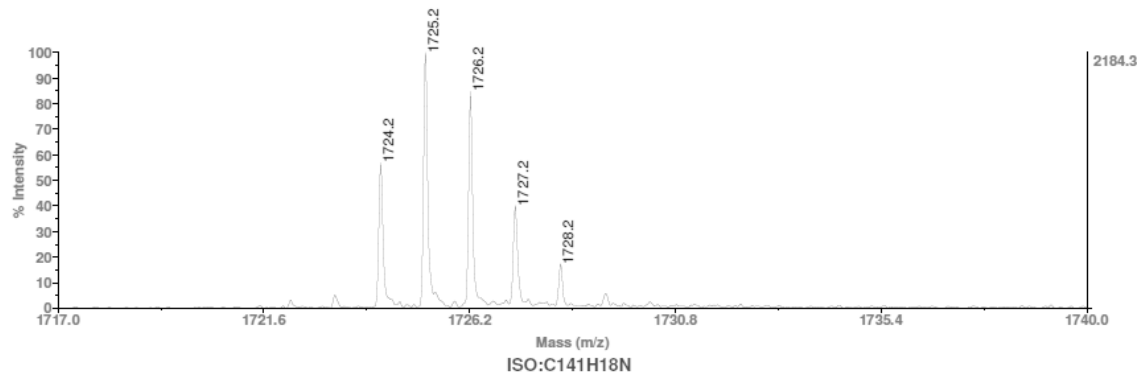
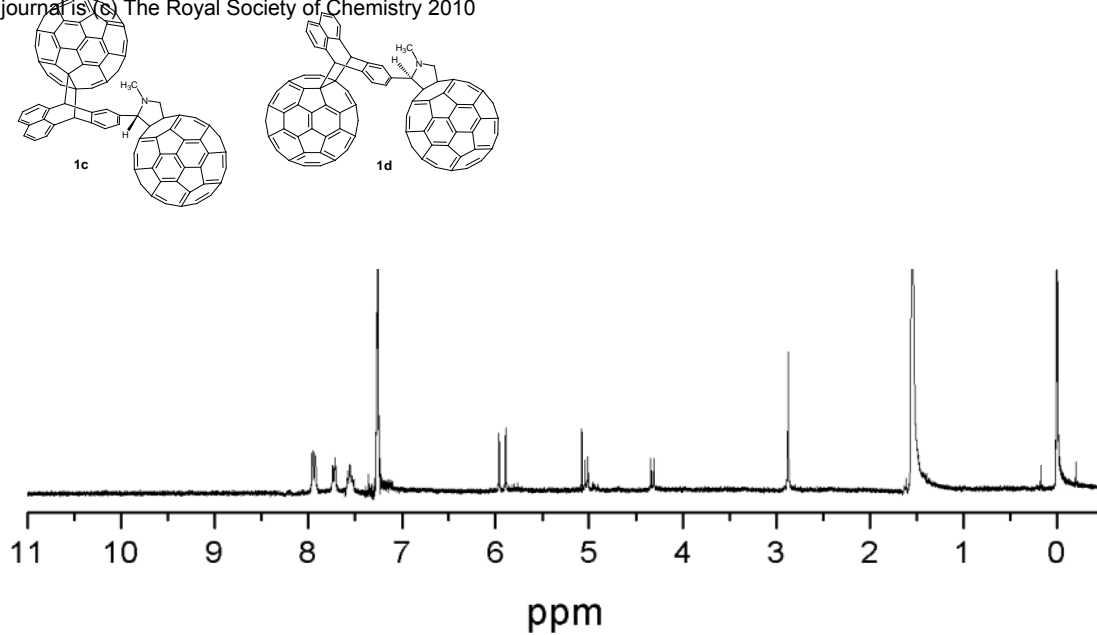
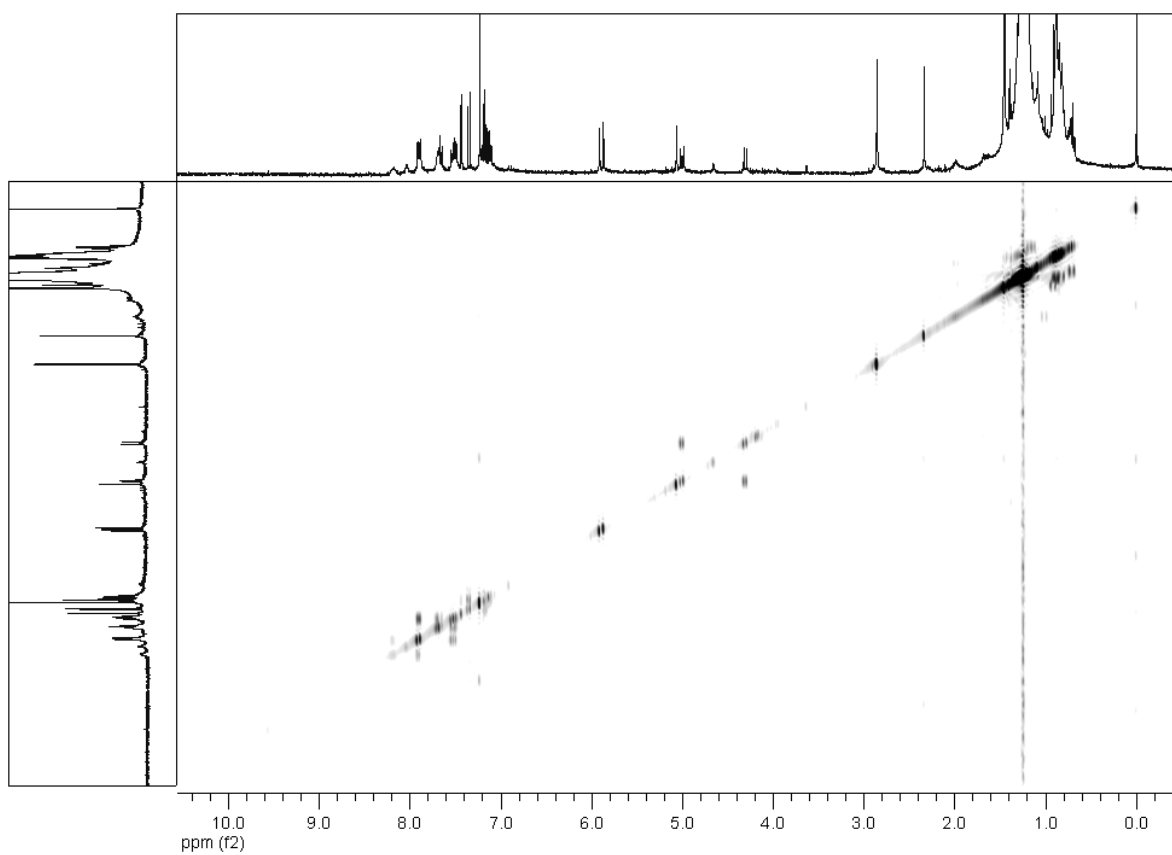


Fig S3. MS MALDI TOF spectrum of 1a,b



**Fig S4.** <sup>1</sup>H-NMR spectrum of **1c,d**



**Fig S5.** H-H COSY spectrum of **1c,d**

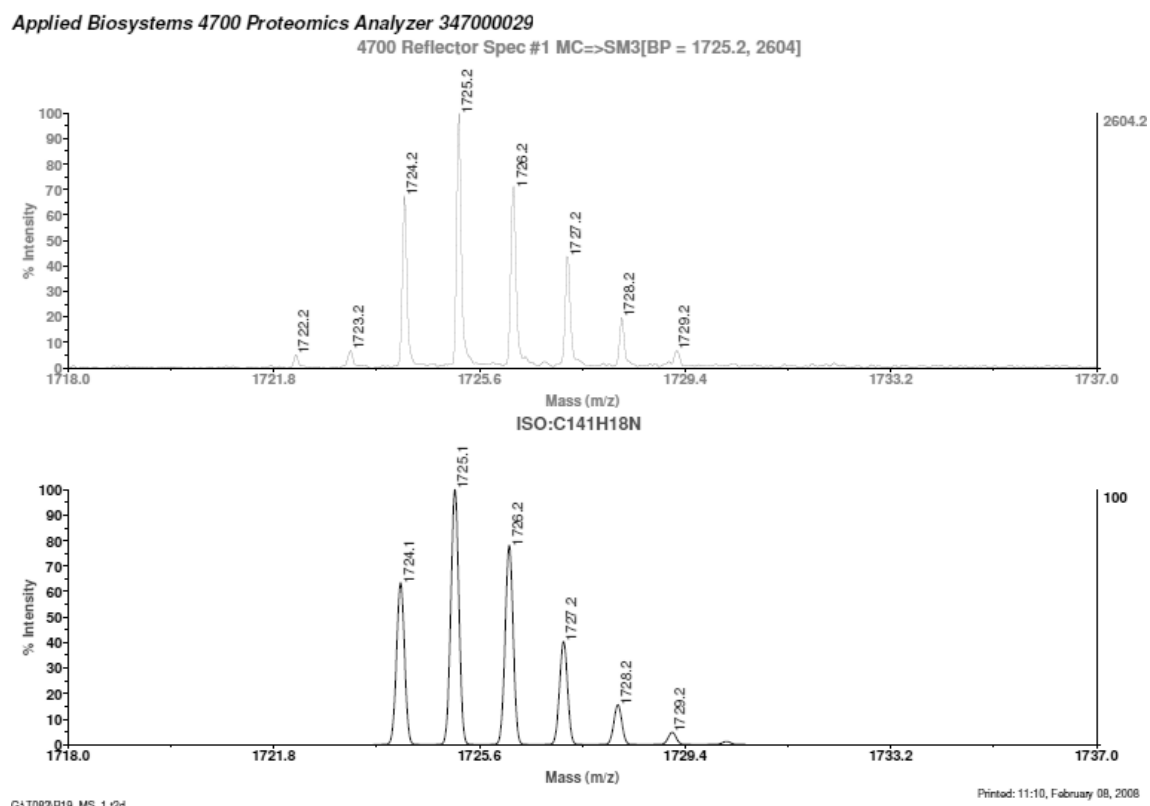
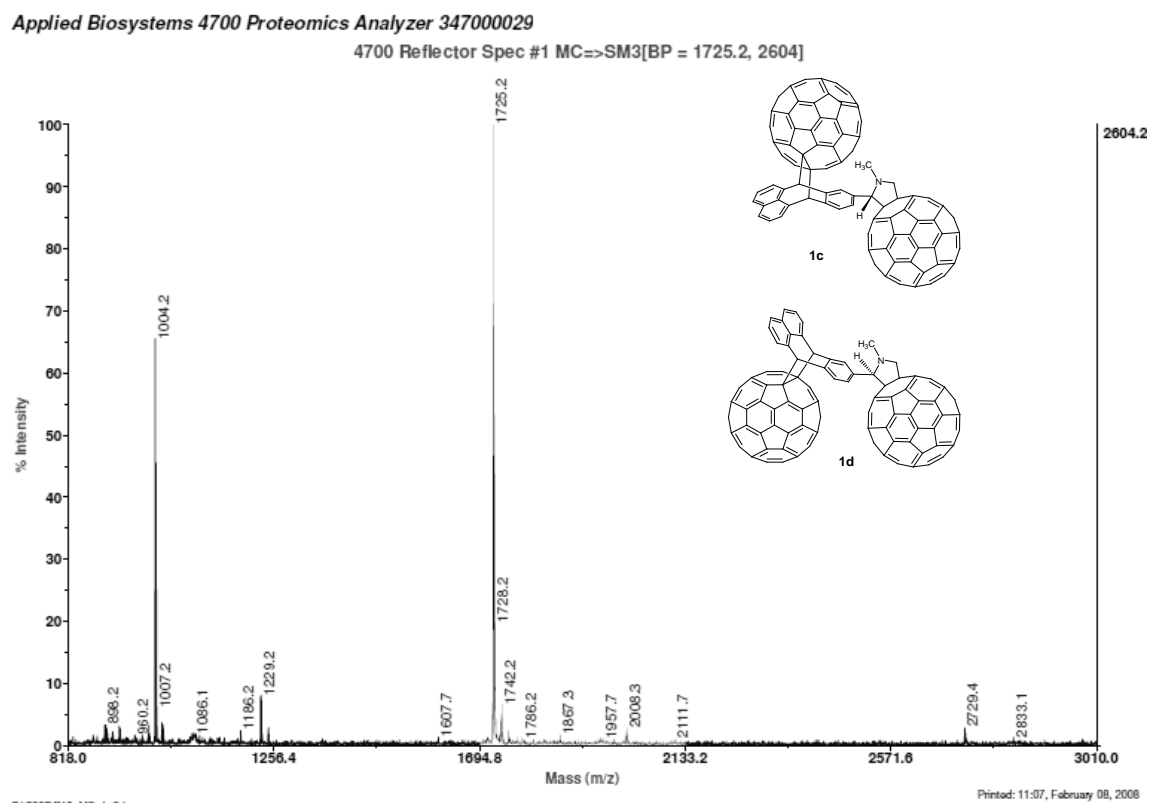


Fig S6. MS MALDI TOF spectrum of **1c,d**

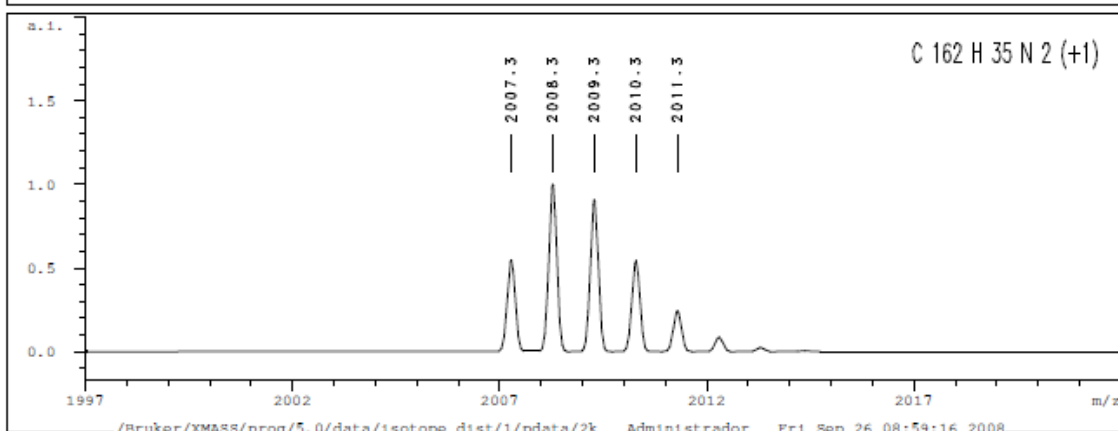
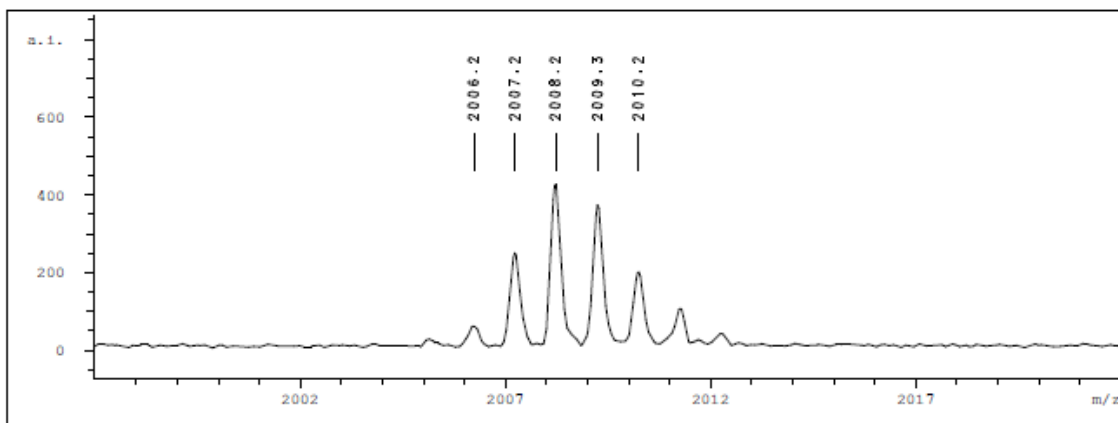
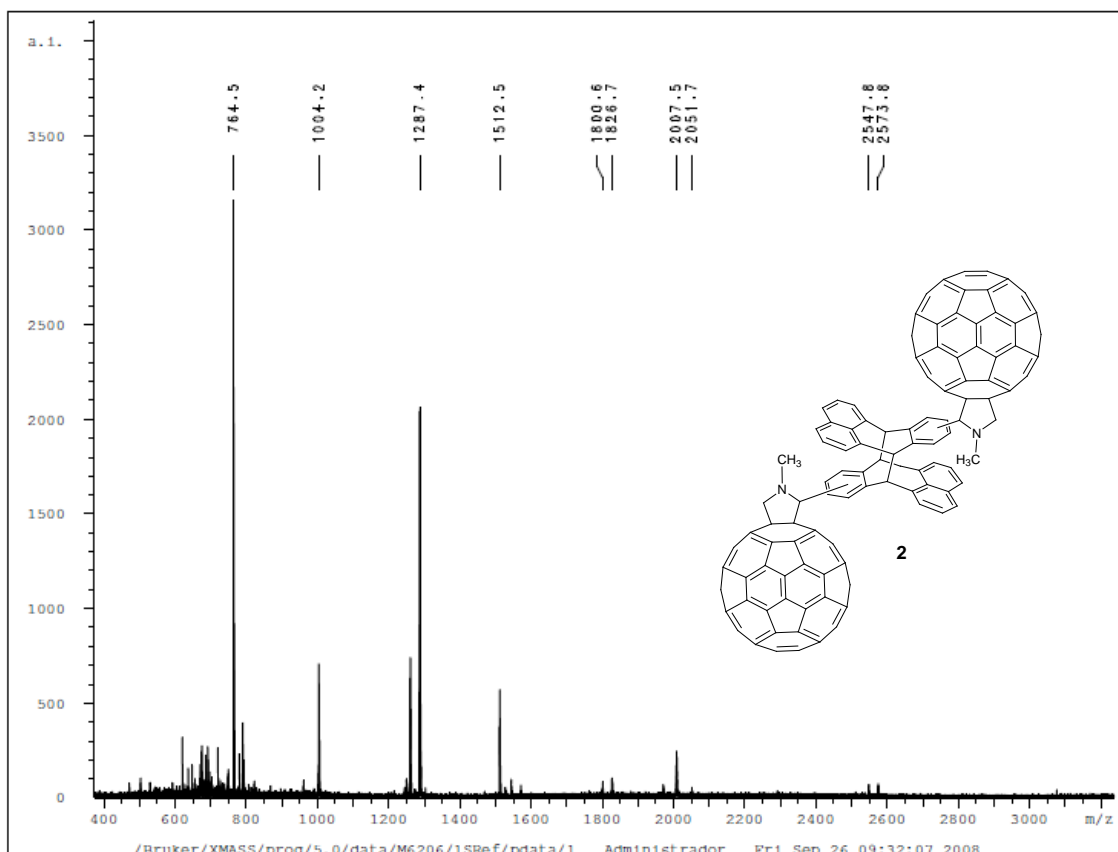
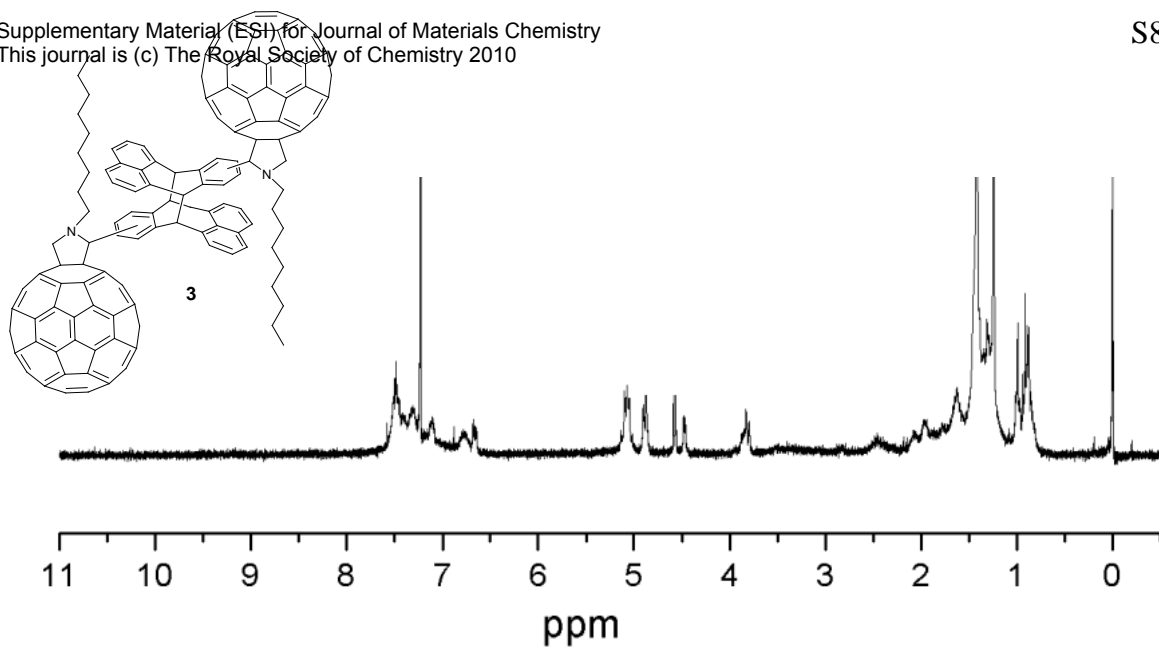
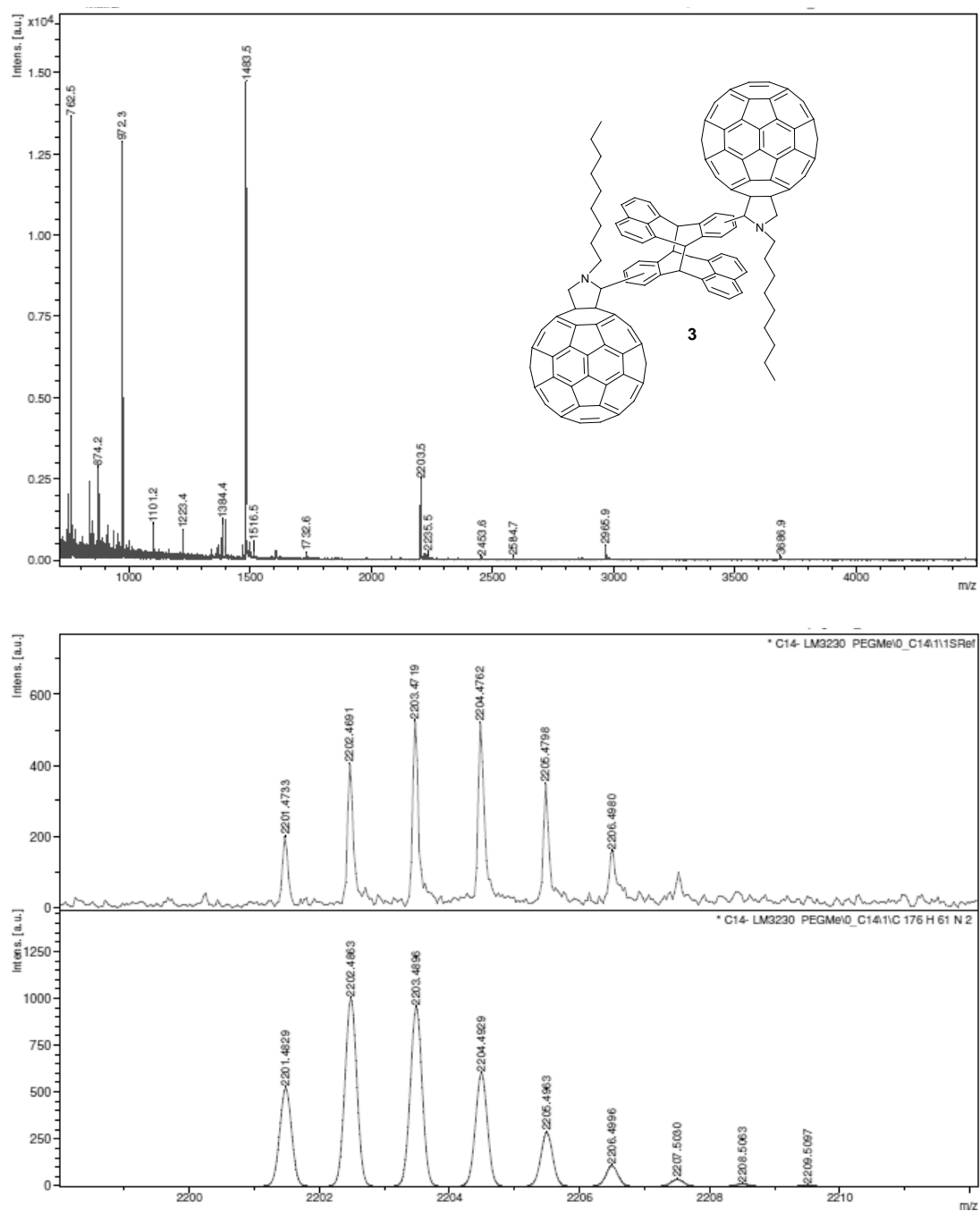


Fig S7. MS MALDI TOF spectrum of 2

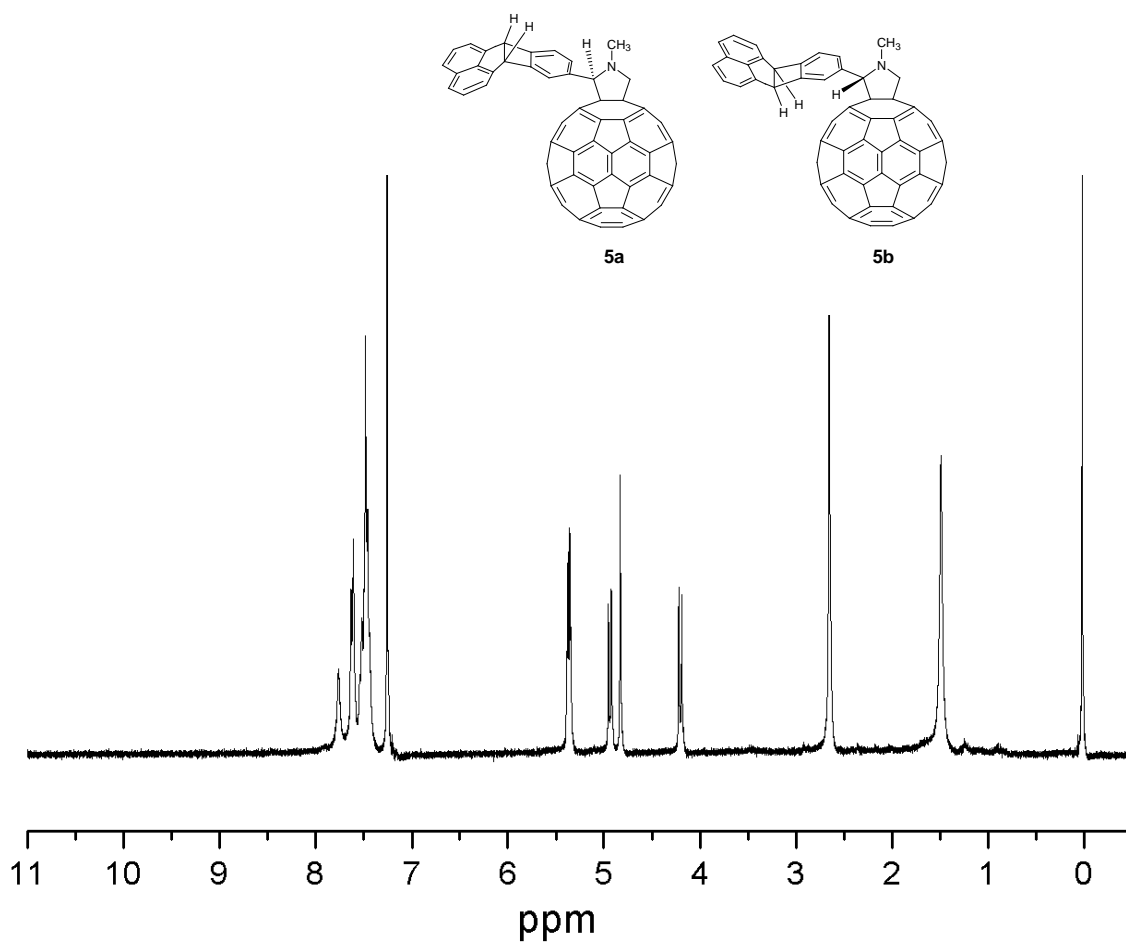


**Fig S8.** <sup>1</sup>H-NMR spectrum of **3**

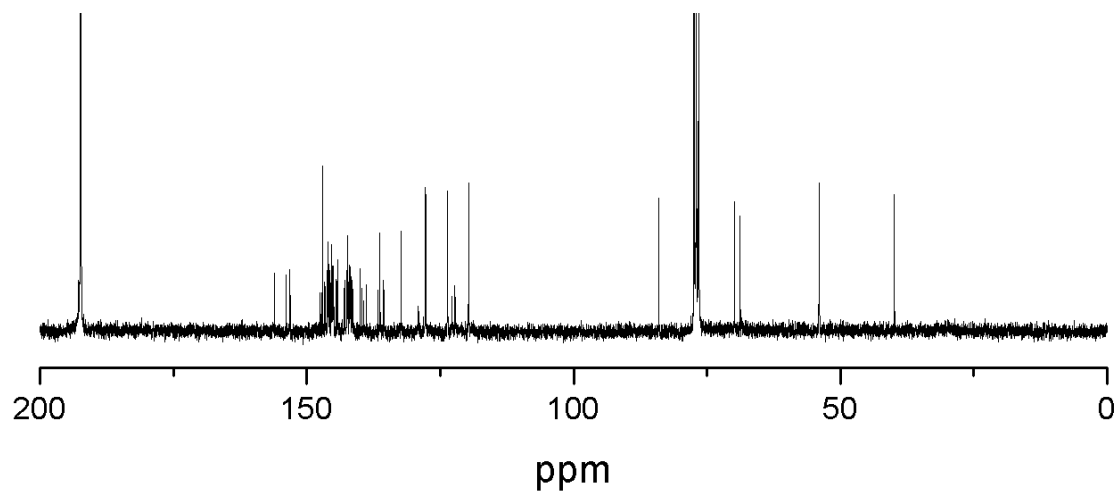




**Fig S9.** MS MALDI TOF spectrum of **3**



**Fig S10.** <sup>1</sup>H-NMR spectrum of **5a,b**



**Fig S11.** <sup>13</sup>C-NMR spectrum of **5a,b**

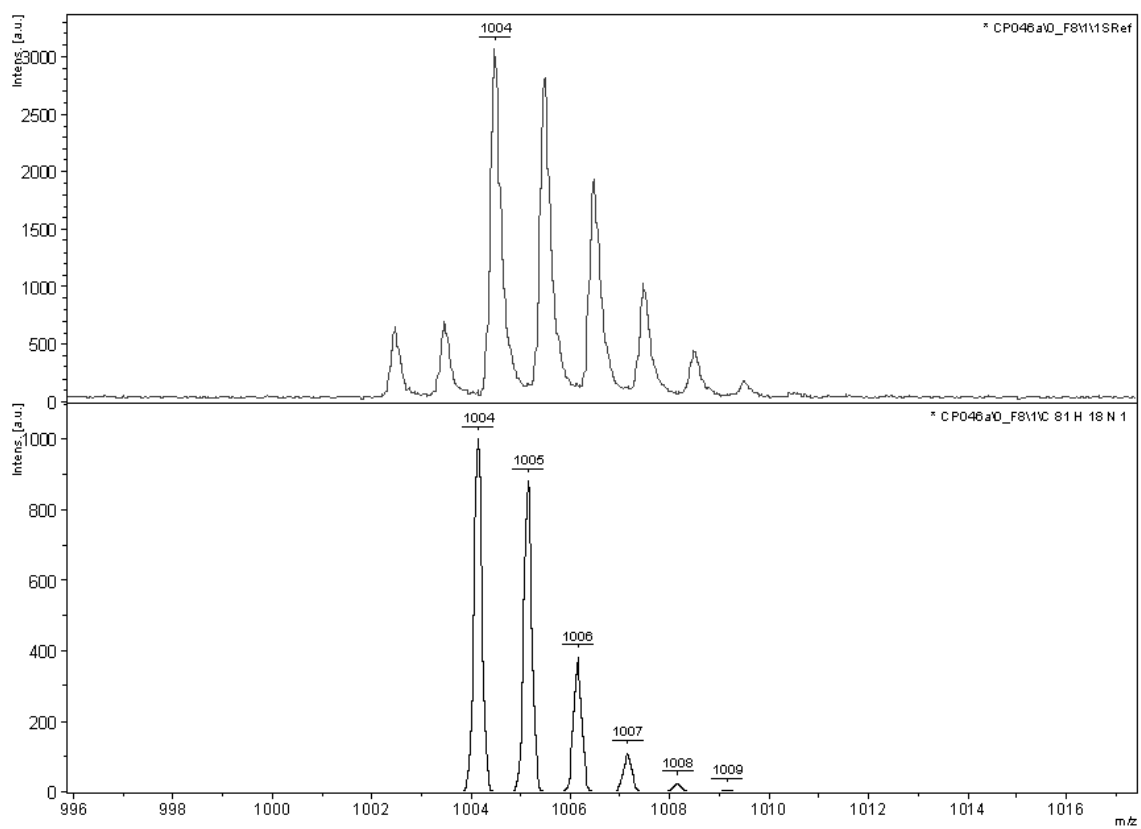
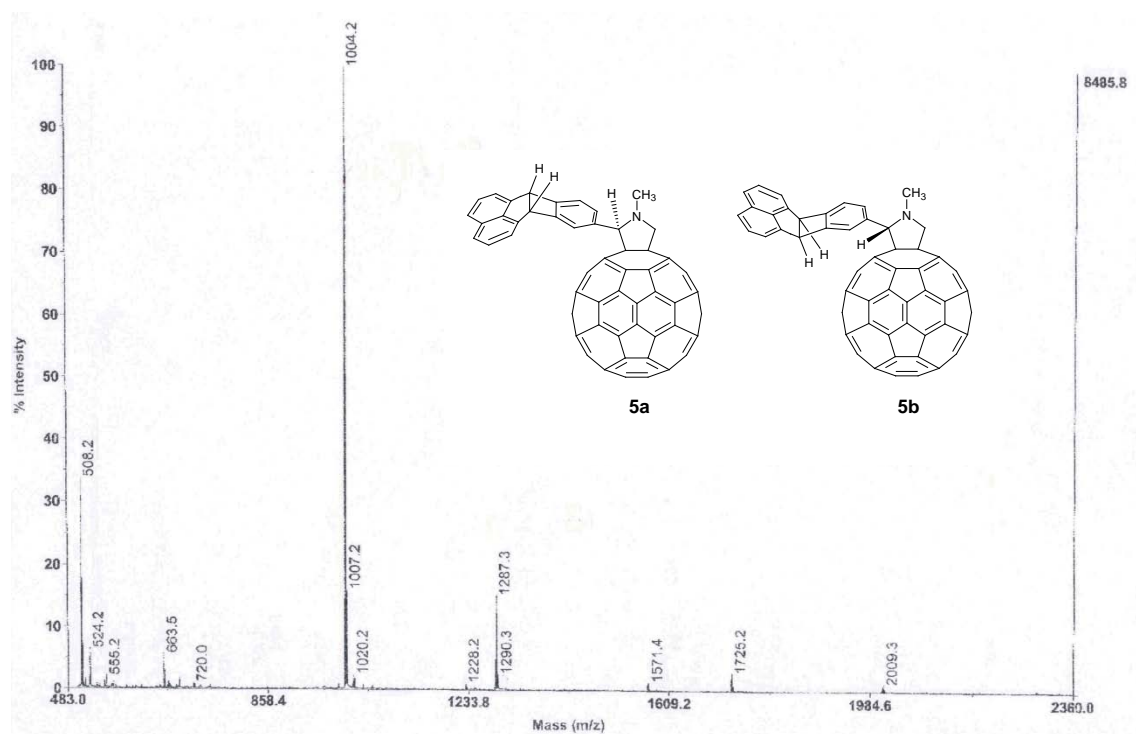
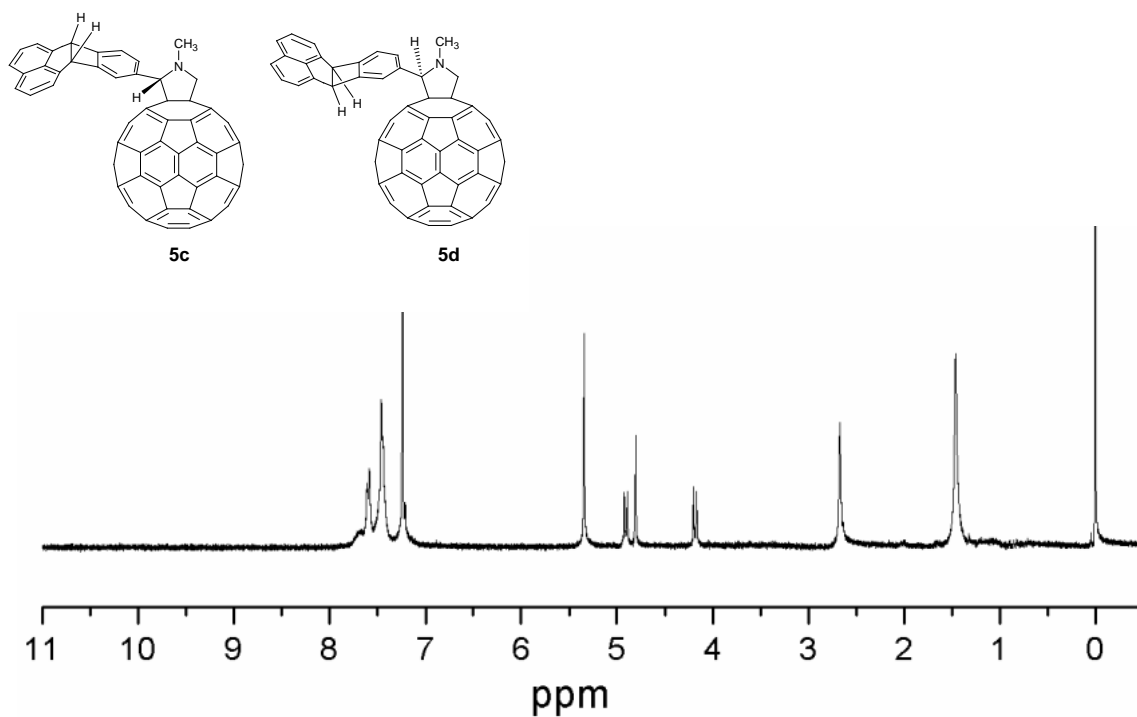
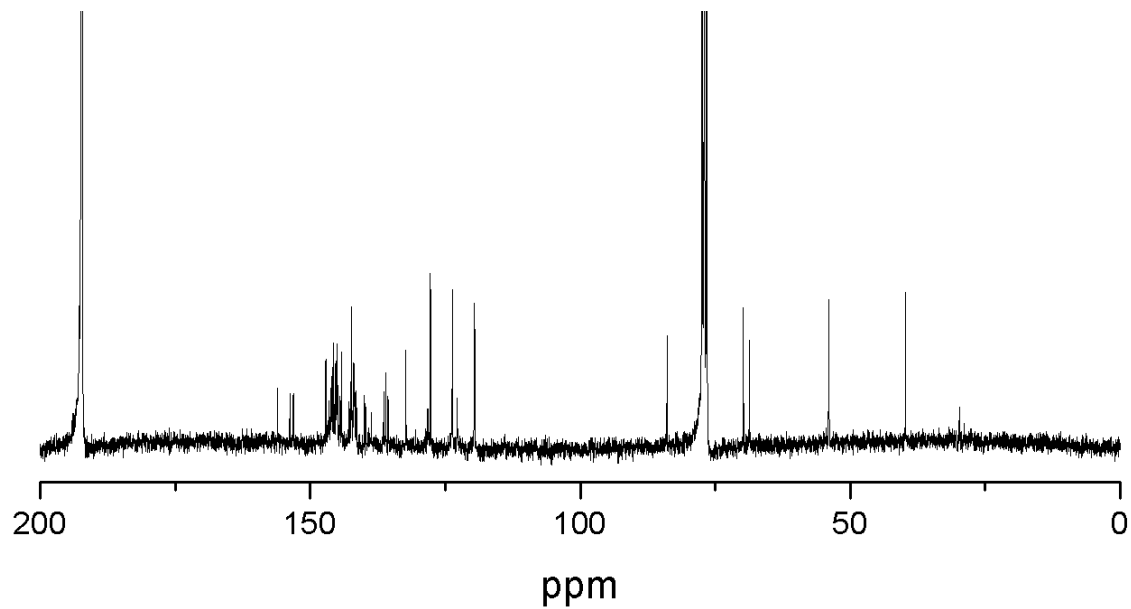


Fig S12. MS MALDI TOF spectrum of 5a,b



**Fig S13.** <sup>1</sup>H-NMR spectrum of 5c,d



**Fig S14.** <sup>13</sup>C-NMR spectrum of 5c,d

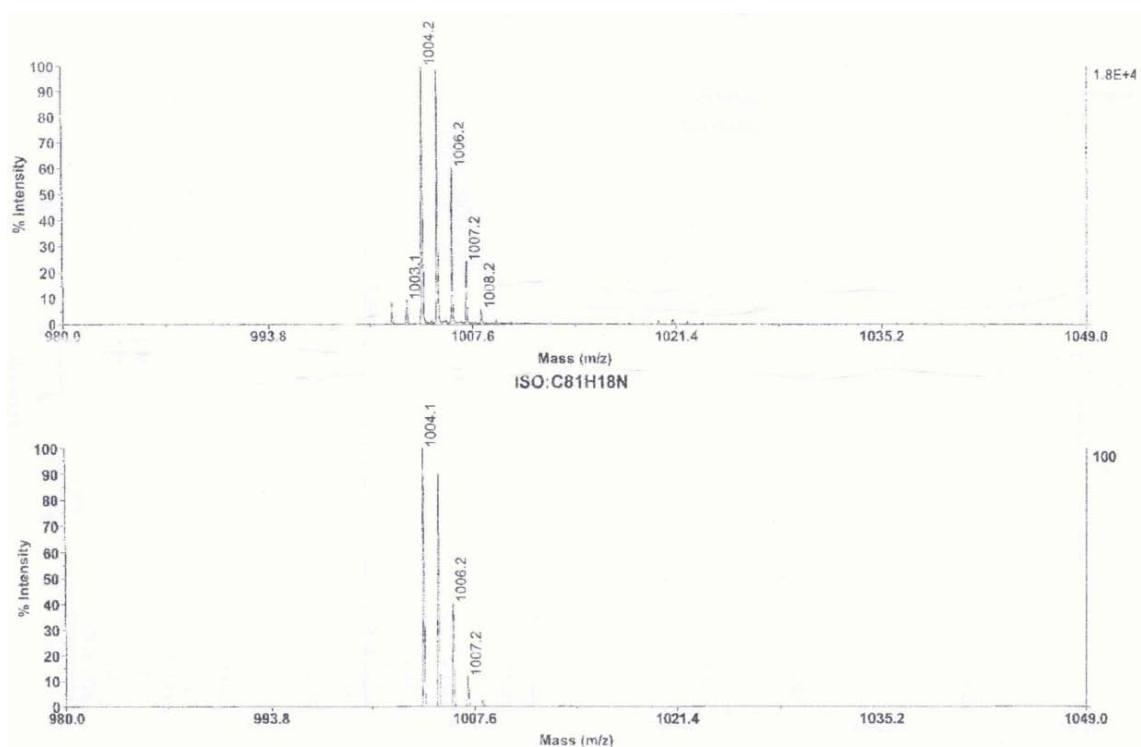
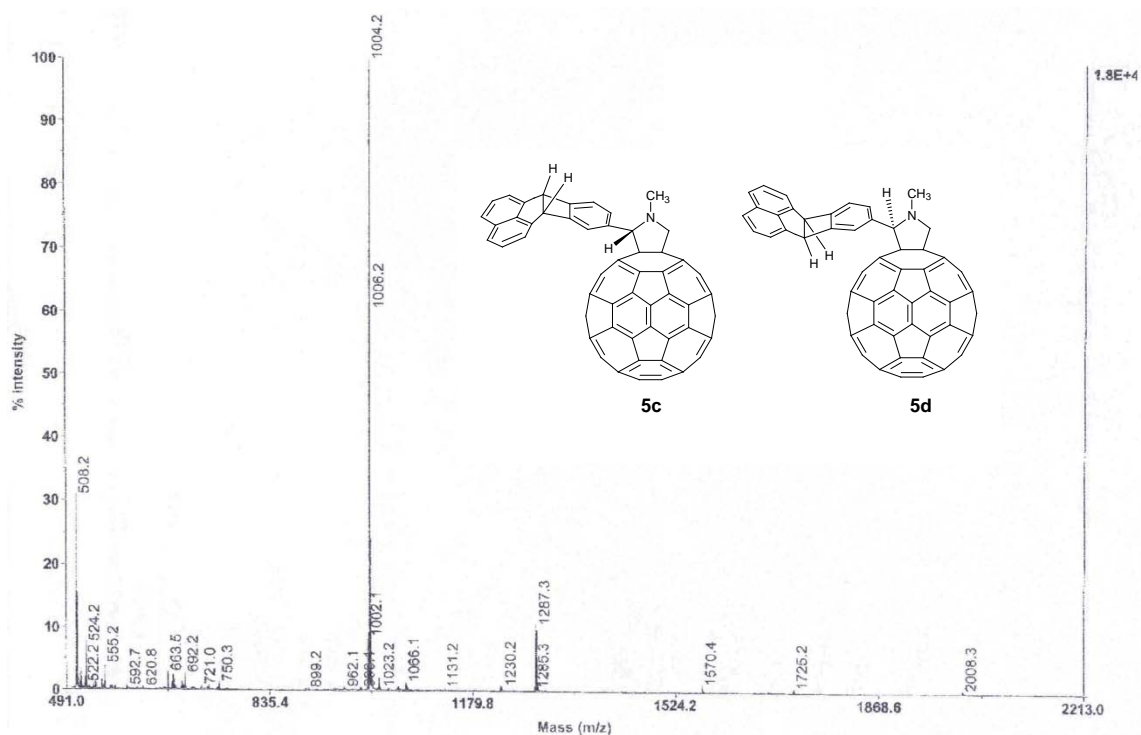
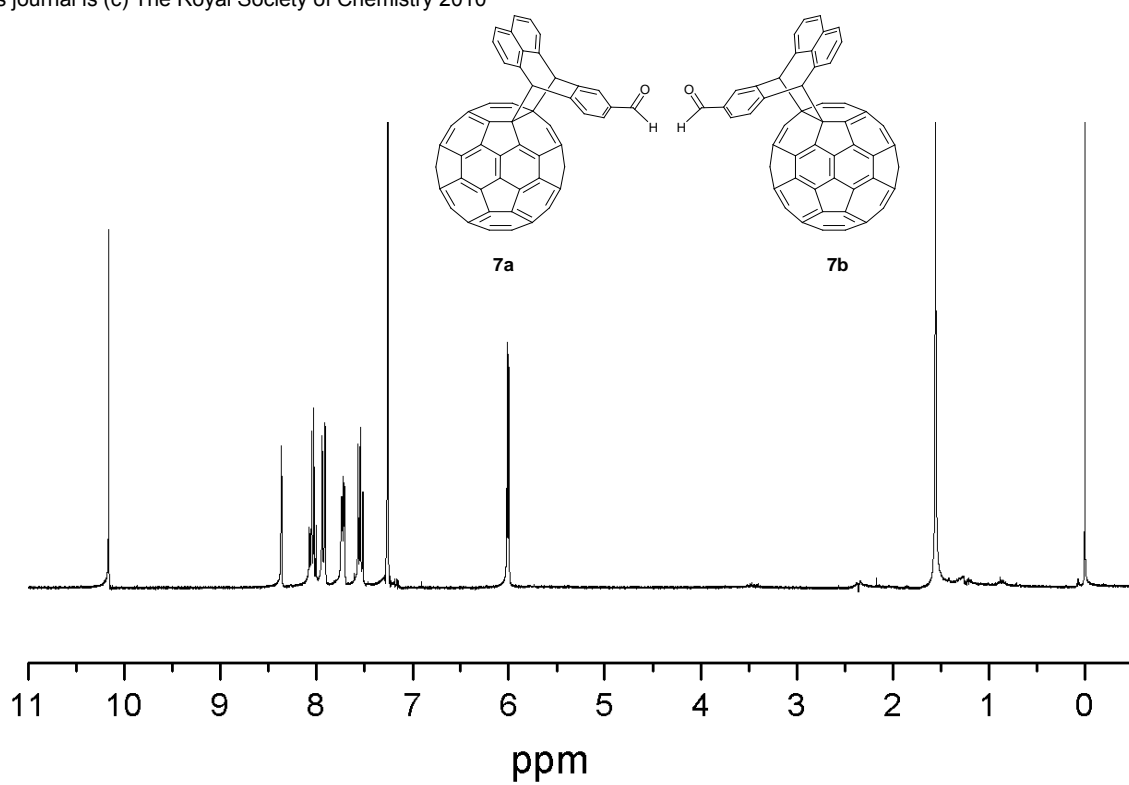
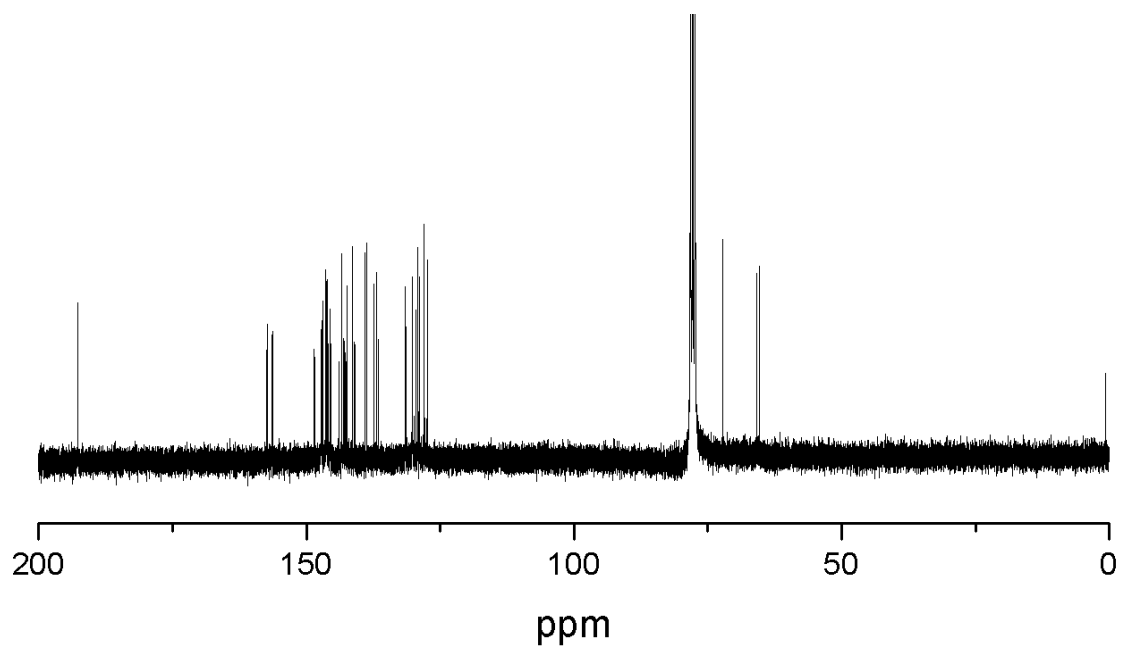


Fig S15. MS MALDI TOF spectrum of 5c,d



**Fig S16.**  $^1\text{H-NMR}$  spectrum of **7**



**Fig S17.**  $^{13}\text{C-NMR}$  spectrum of **7**

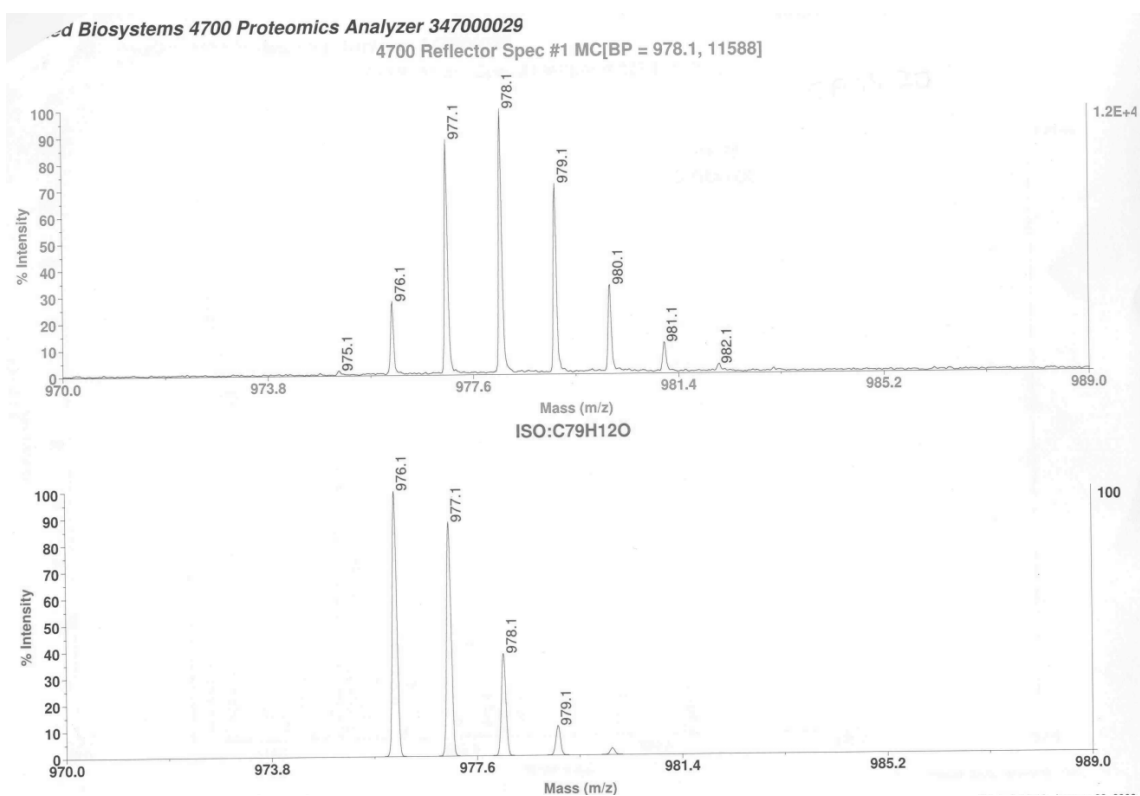
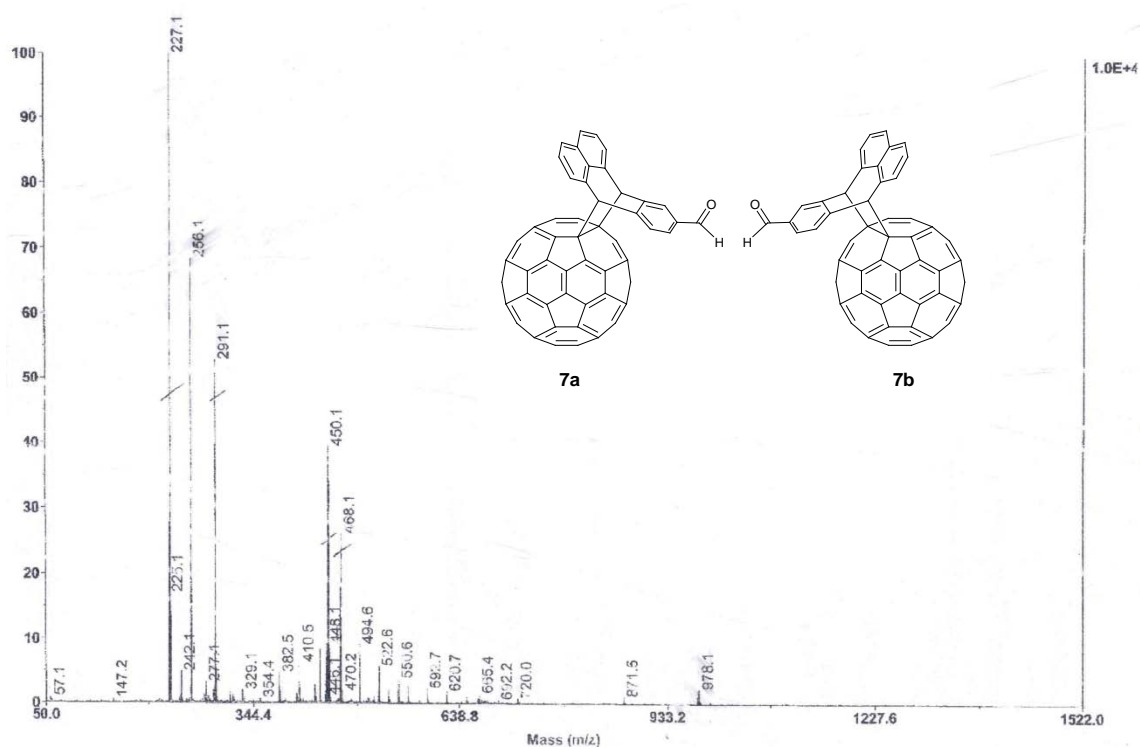
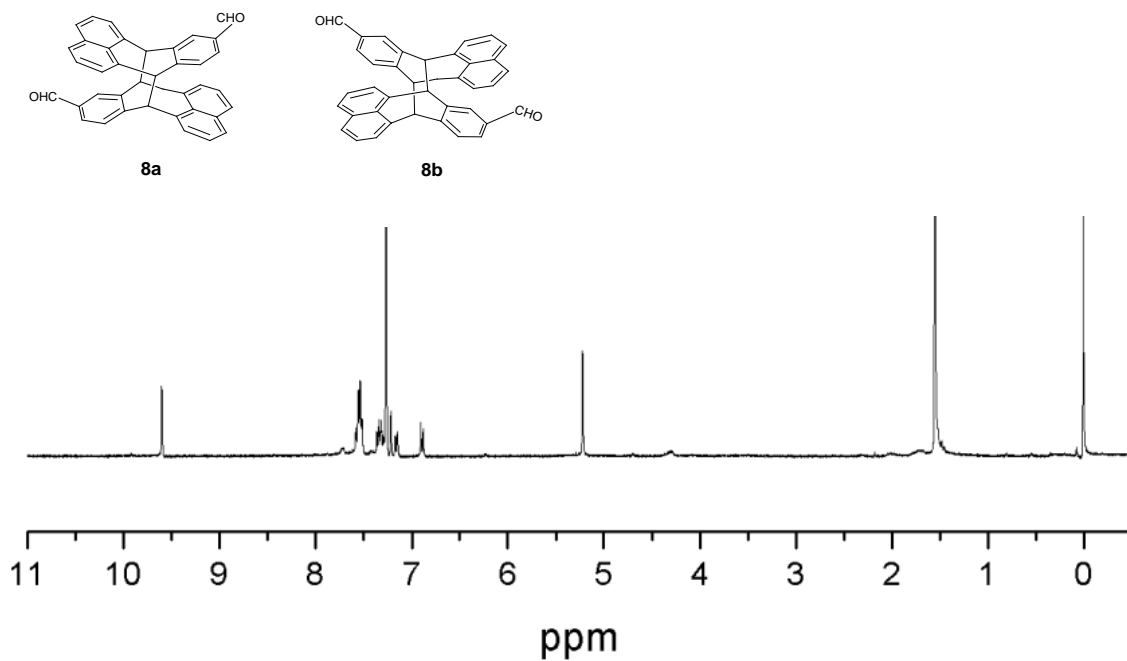
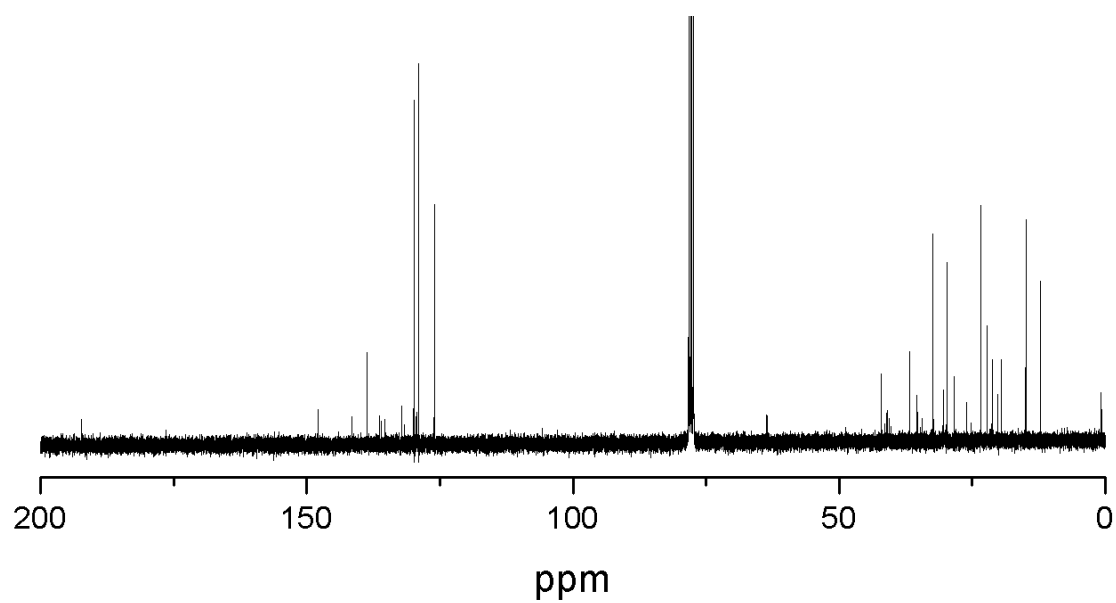


Fig S18. MS MALDI TOF spectrum of 7



**Fig S19.**  $^1\text{H-NMR}$  spectrum of **8ab**



**Fig S20.**  $^{13}\text{C-NMR}$  spectrum of **8a,b**



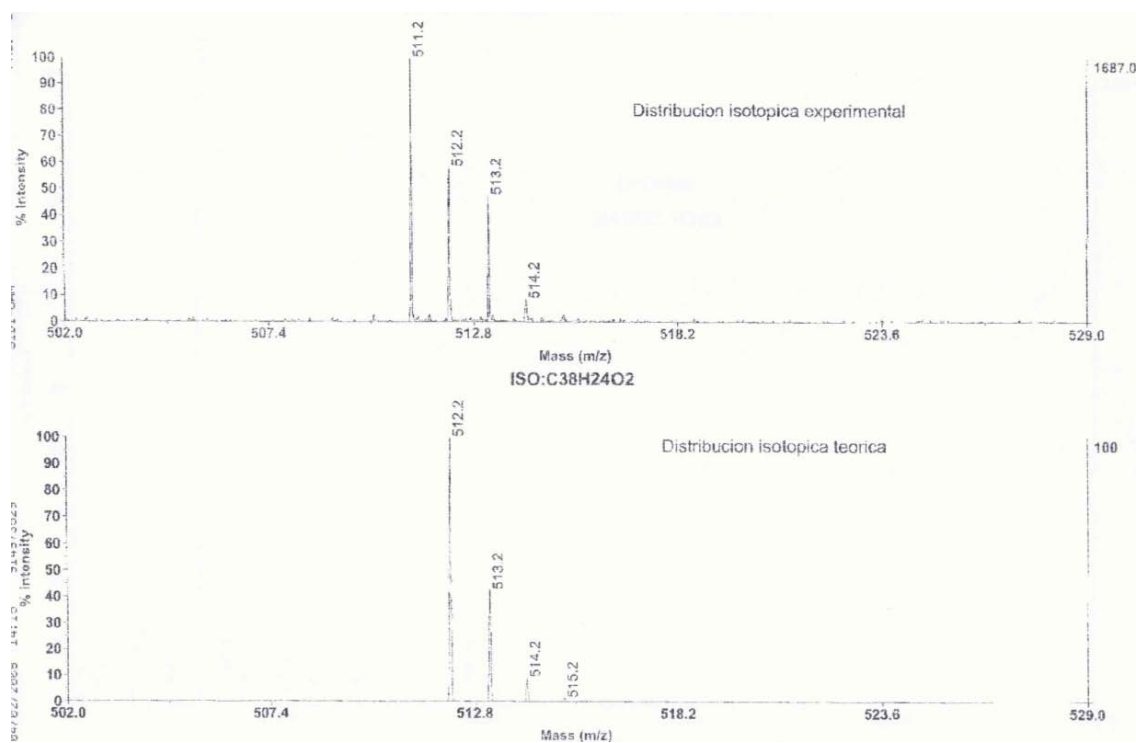
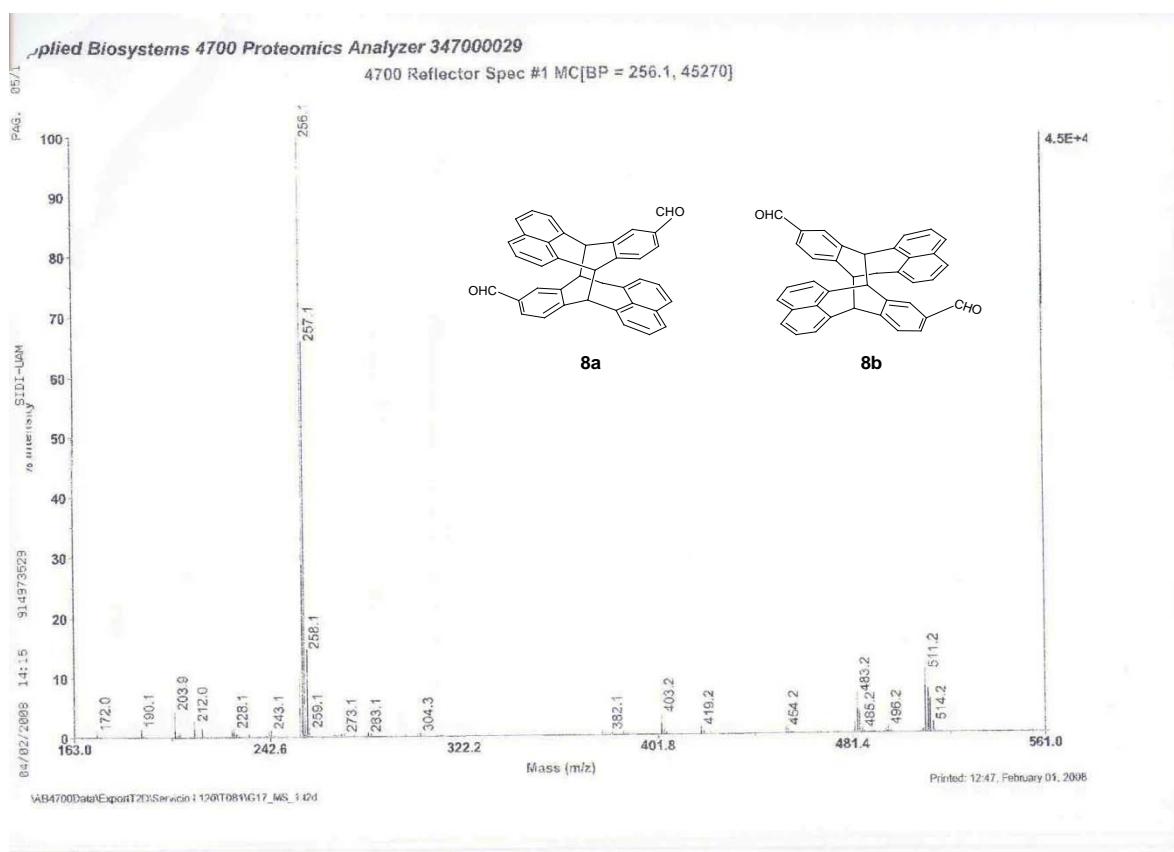
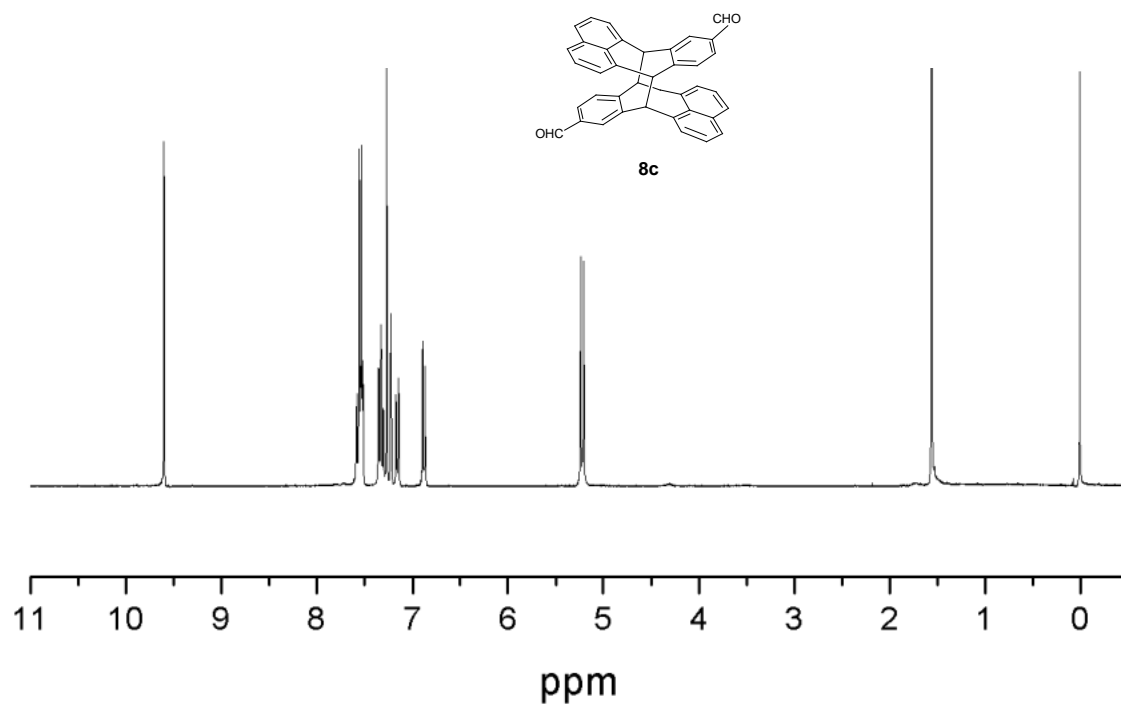
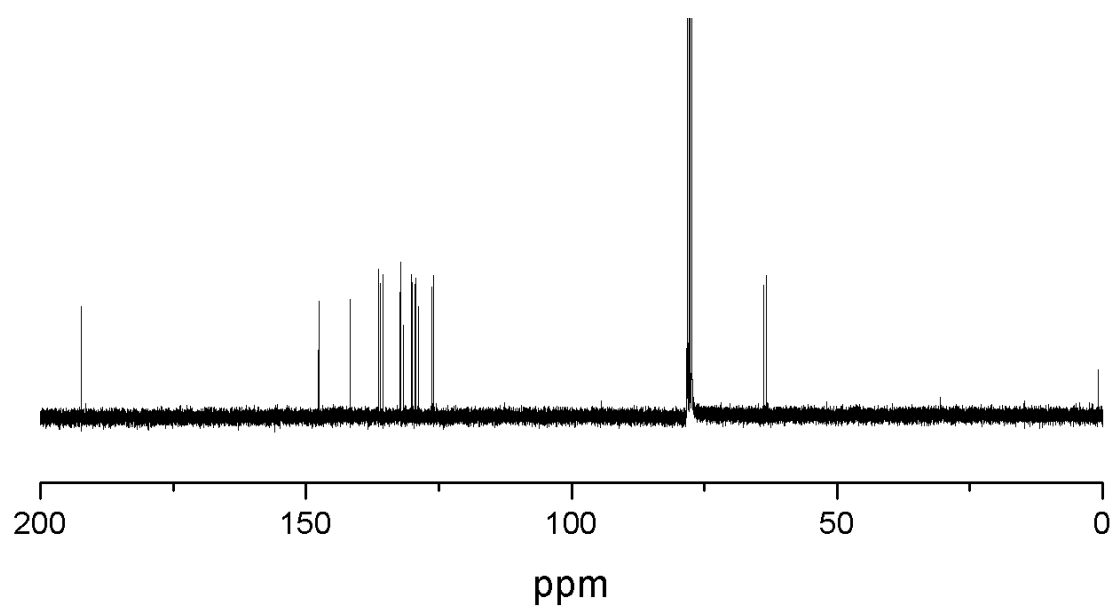


Fig S21. MS MALDI TOF spectrum of **8a,b**



**Fig S22.** <sup>1</sup>H-NMR spectrum of **8c**



**Fig S23.** <sup>13</sup>C-NMR spectrum of **8c**

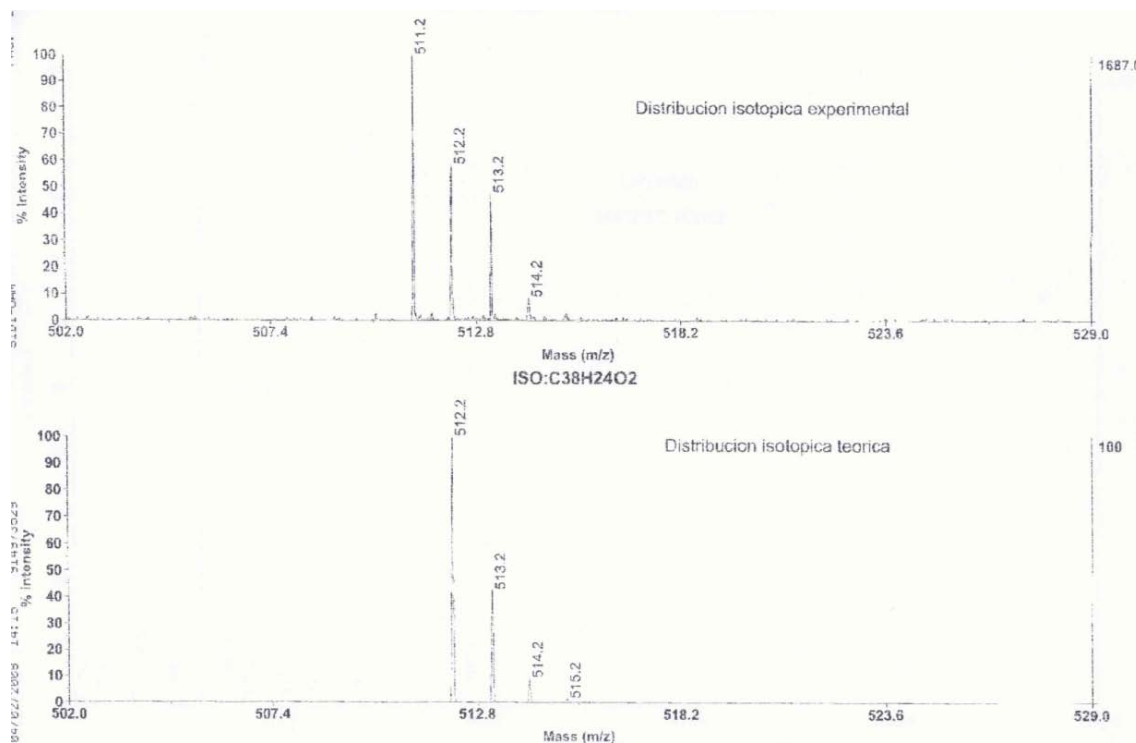
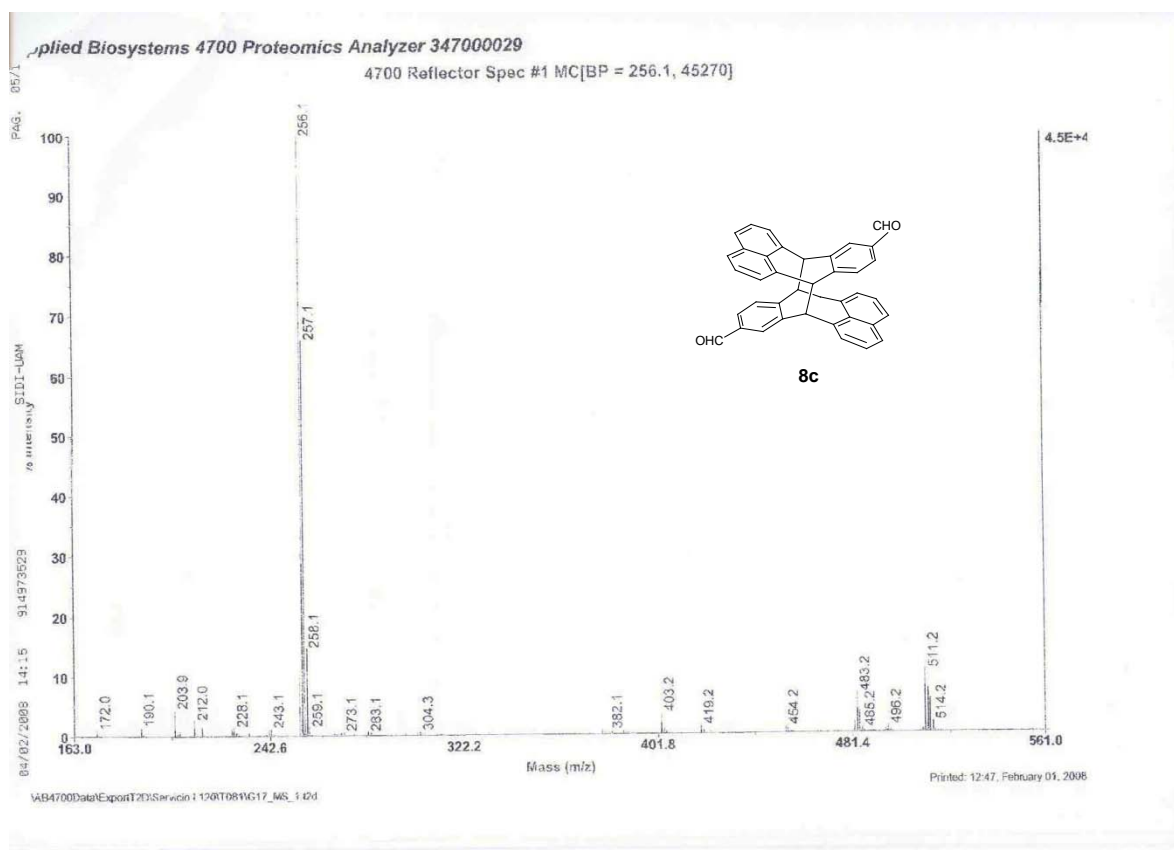


Fig S24. MS MALDI TOF spectrum of **8c**

