

## Supplementary Material

### A study towards the regioselective synthesis of the *e,e,e* trisadduct of C<sub>60</sub> via the [4+2] Diels-Alder reaction with tethers bearing *ortho*-quinodimethane precursors

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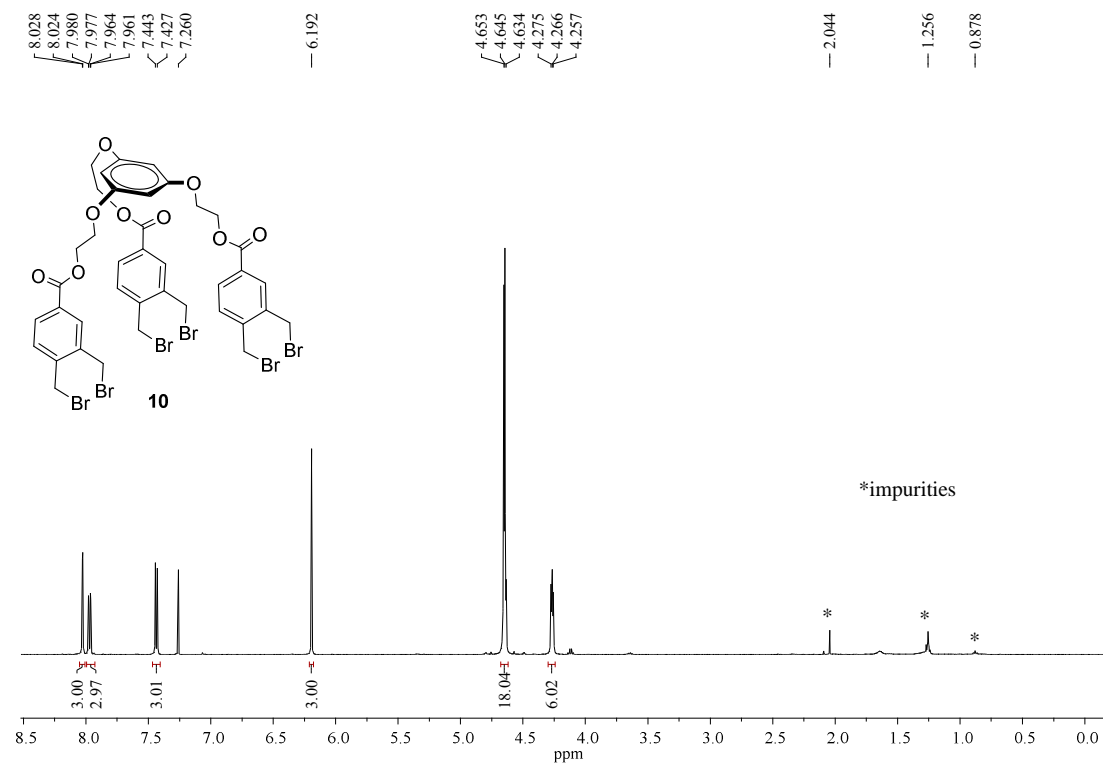
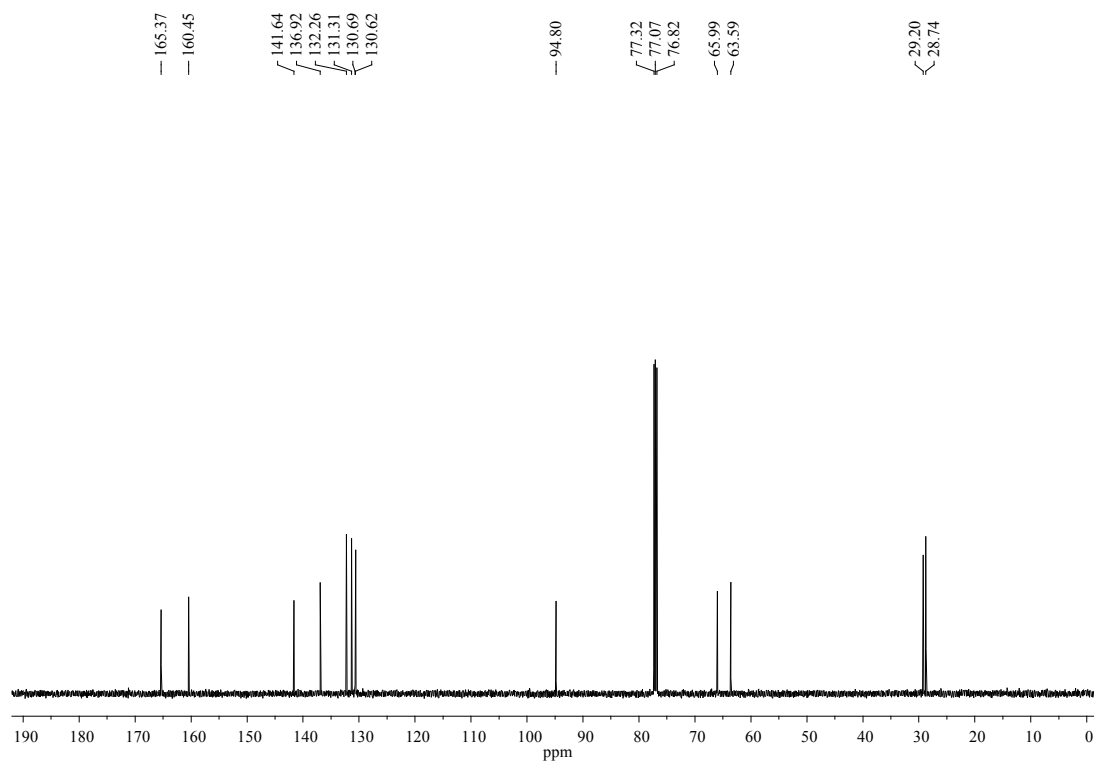
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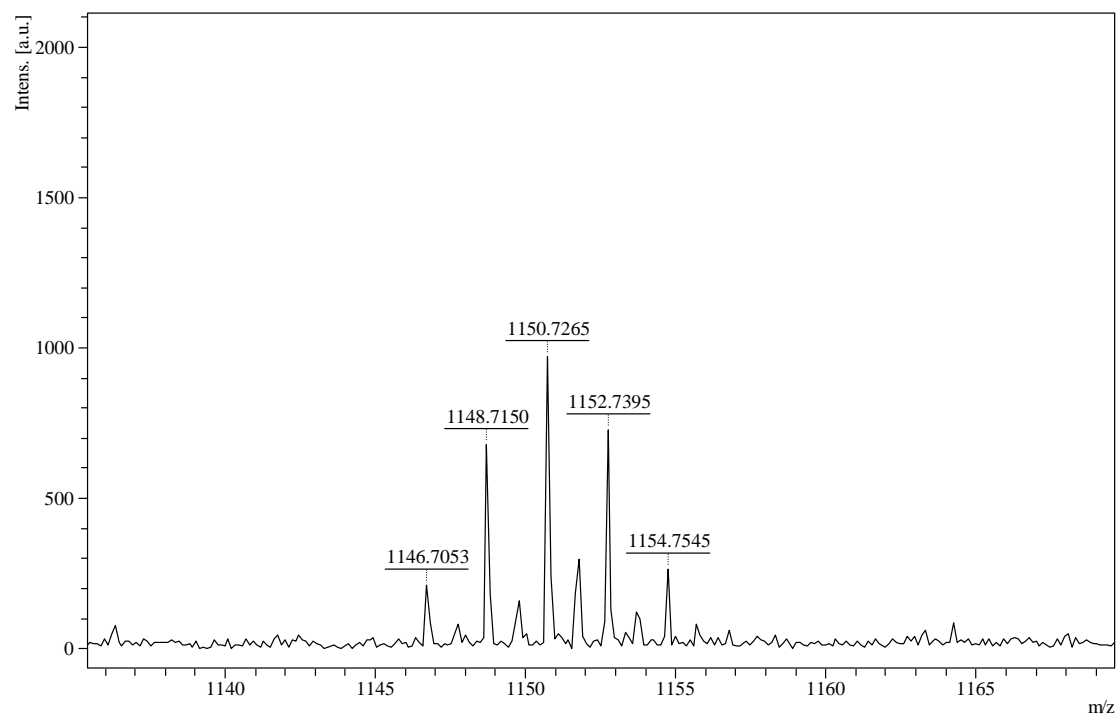
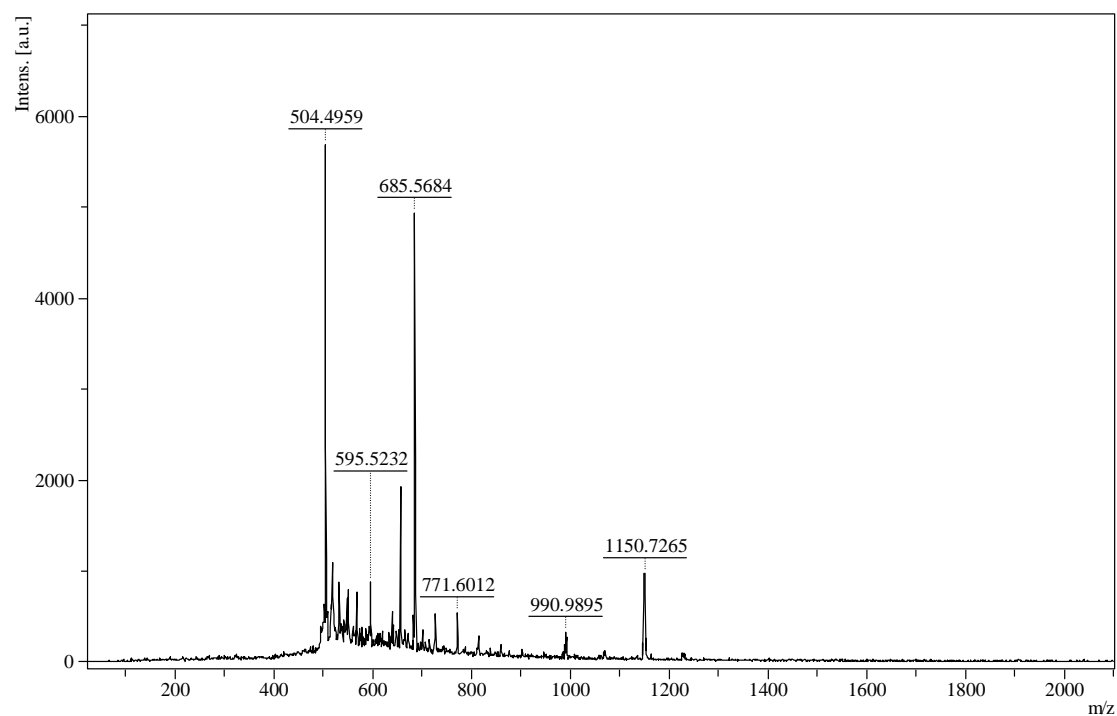
E-mail: [nchronak@ucy.ac.cy](mailto:nchronak@ucy.ac.cy)

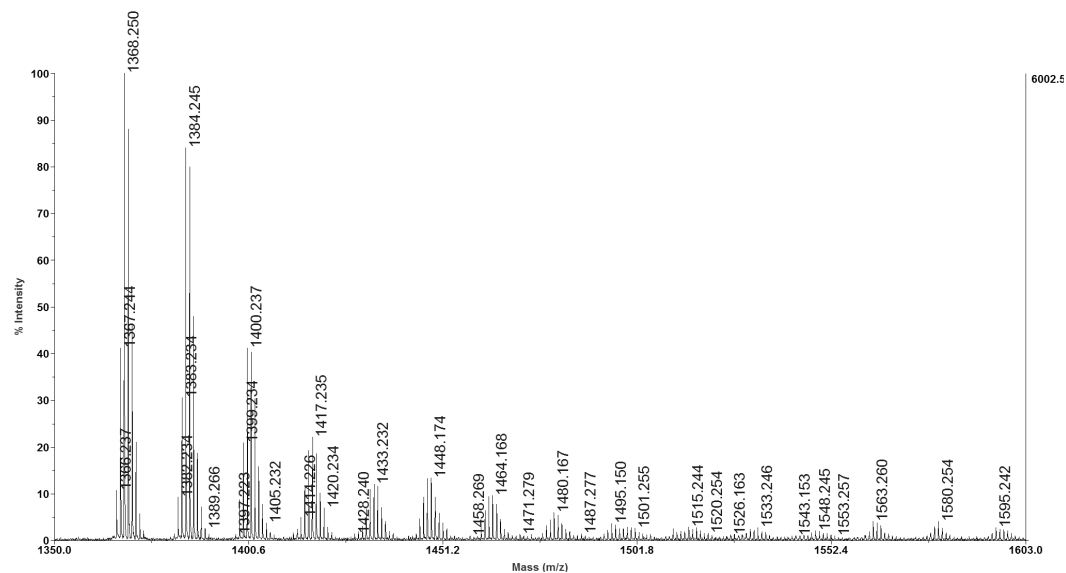
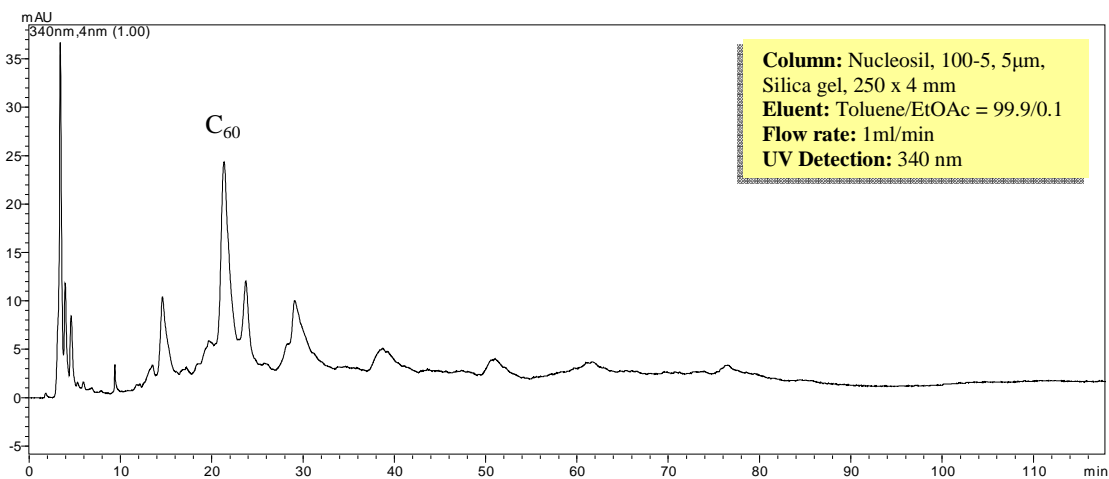
Dedicated to Professor Michael Orfanopoulos on the occasion of his 67<sup>th</sup> birthday

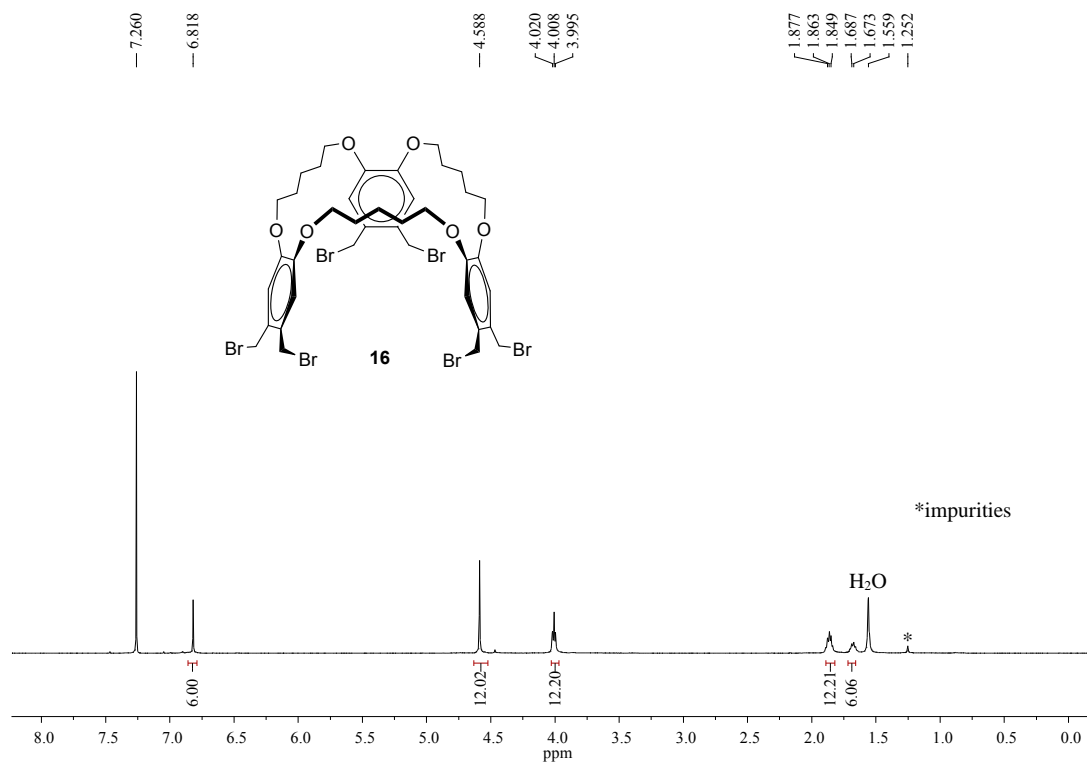
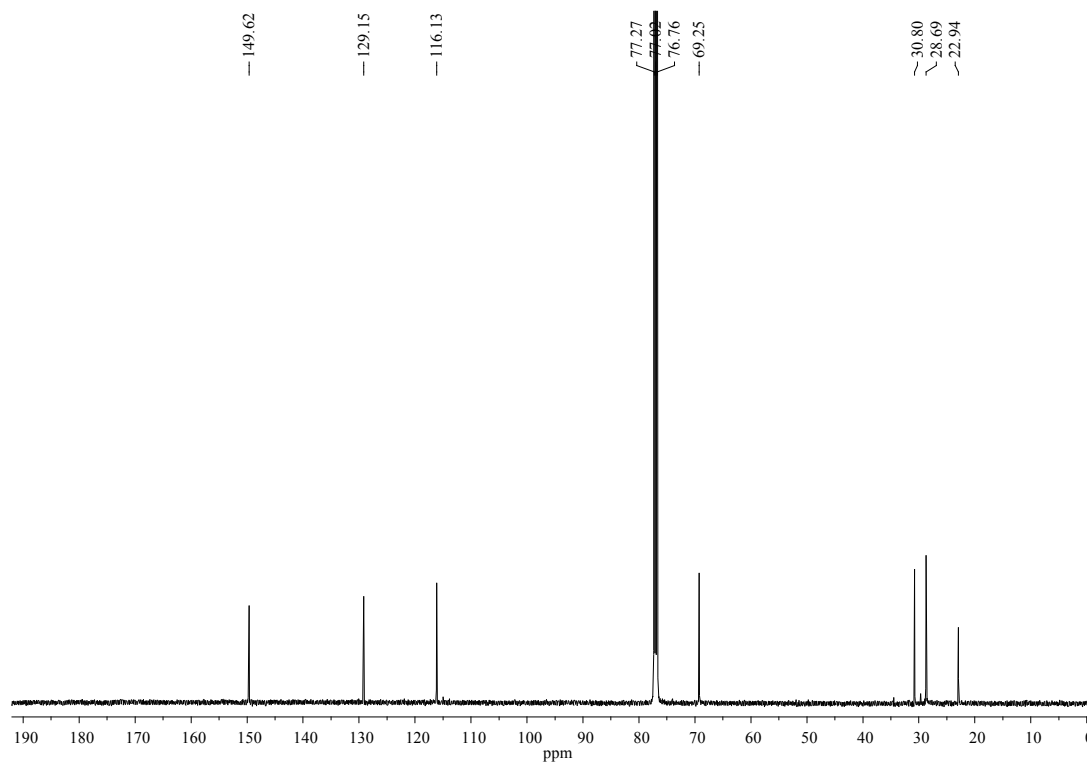
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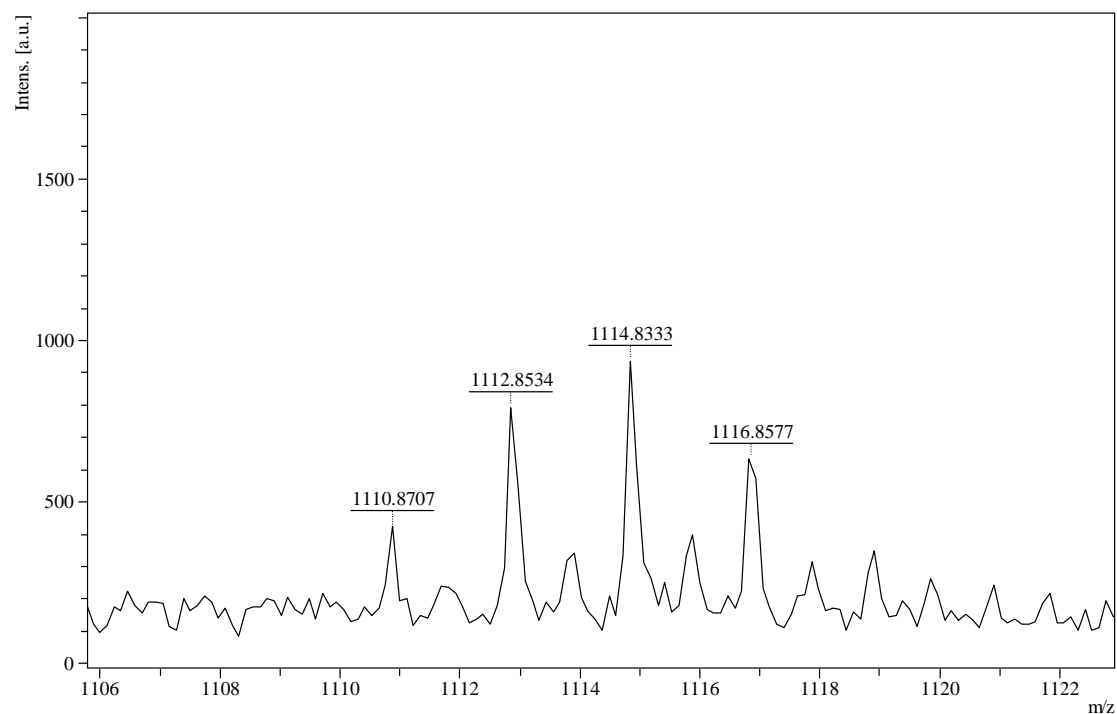
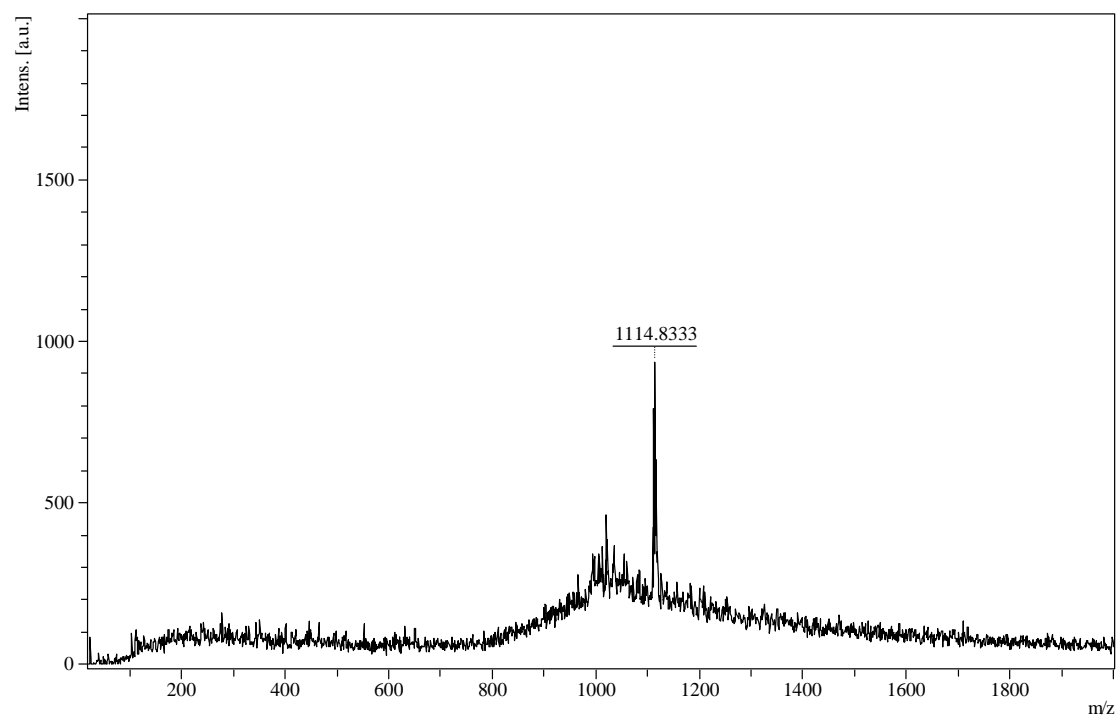
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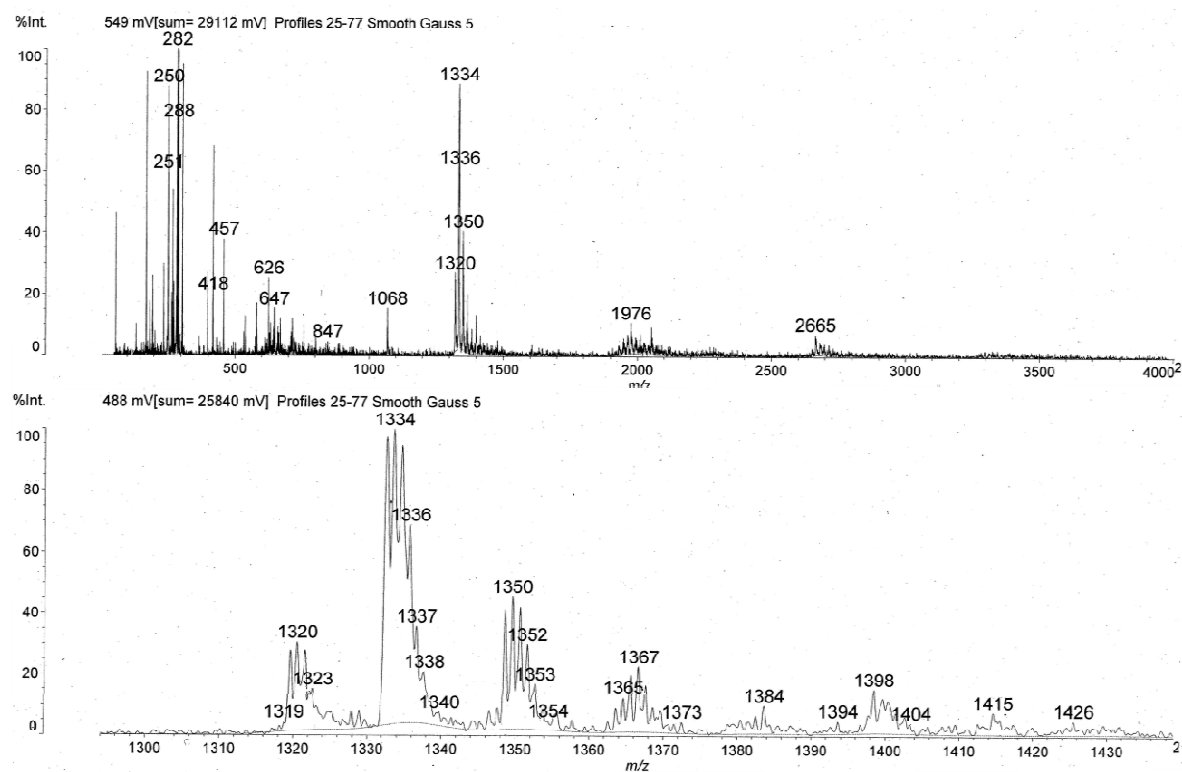
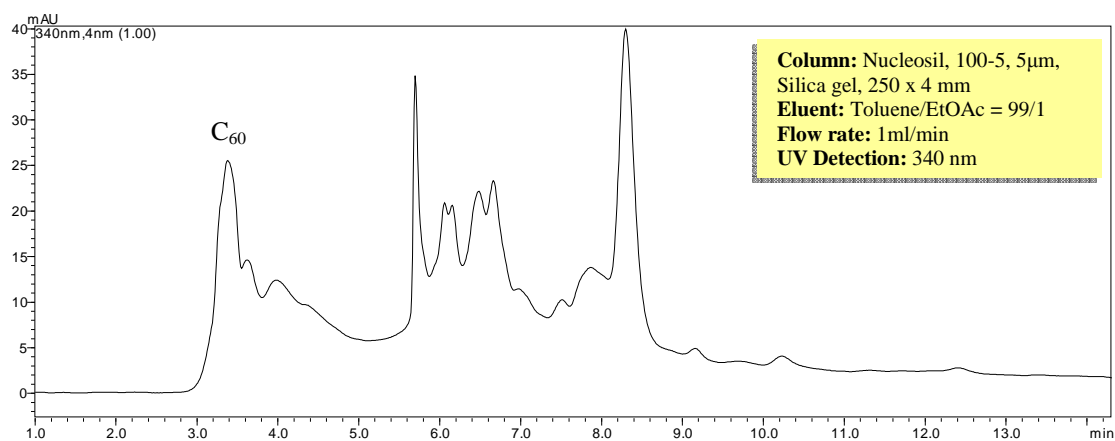
**$^1\text{H}$  NMR spectrum of 10 (500 MHz,  $\text{CDCl}_3$ , 25 °C)** **$^{13}\text{C}$  NMR spectrum of 10 (125 MHz,  $\text{CDCl}_3$ , 25 °C)**

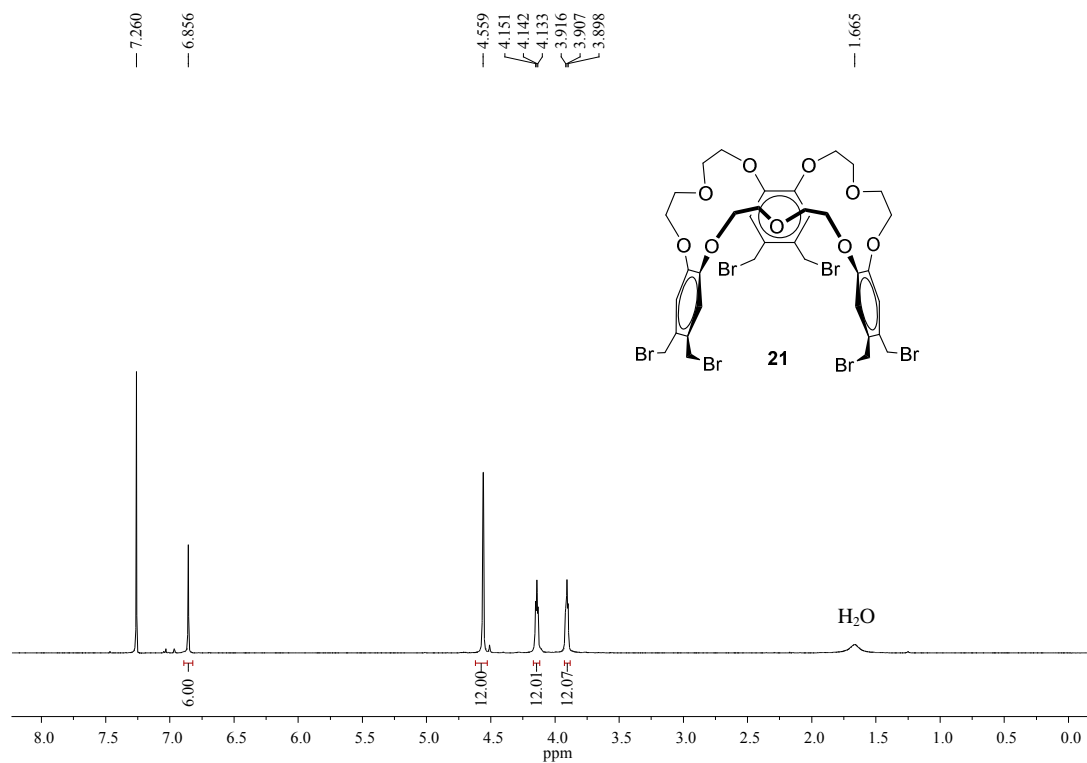
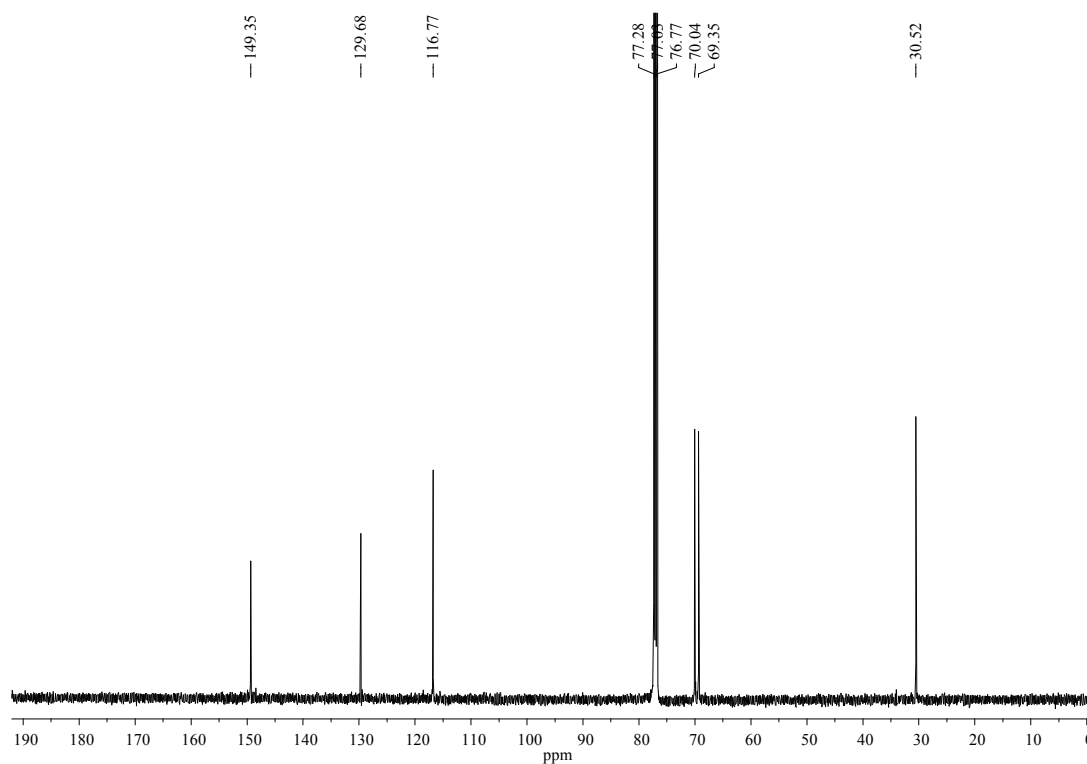
**High resolution MALDI-TOF mass spectrum of 10 (positive mode, HCCA matrix)**

**MALDI-TOF spectrum of the reaction of 10 with C<sub>60</sub> (negative mode, HCCA matrix)****HPLC elugram of the reaction of 10 with C<sub>60</sub>**

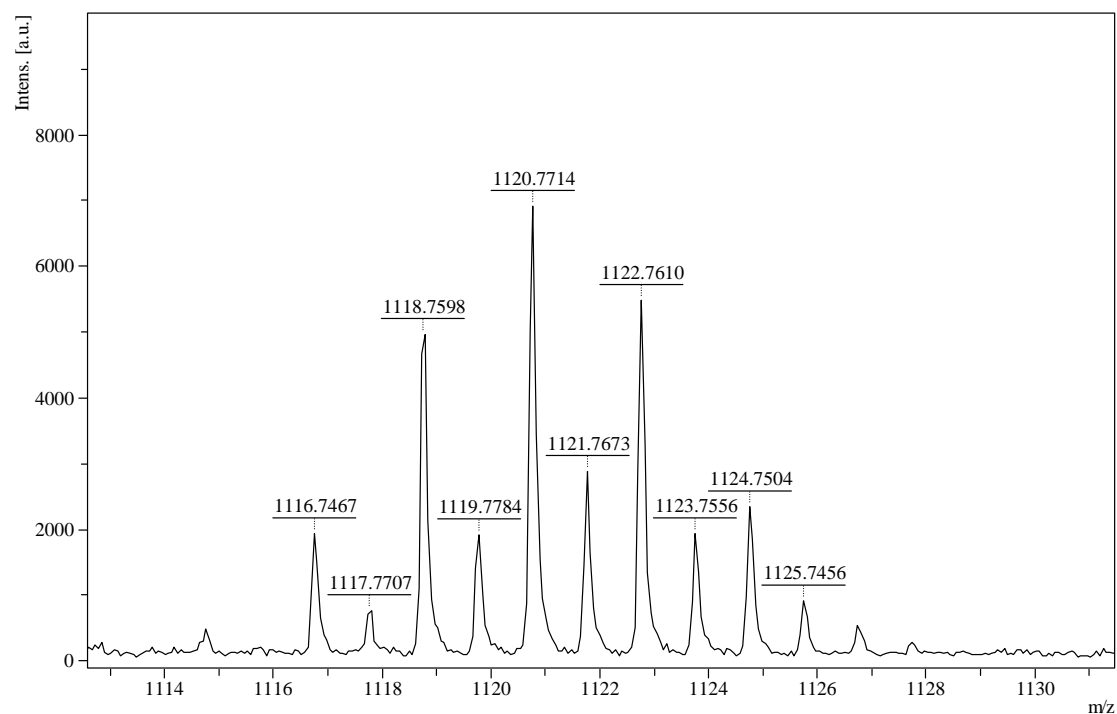
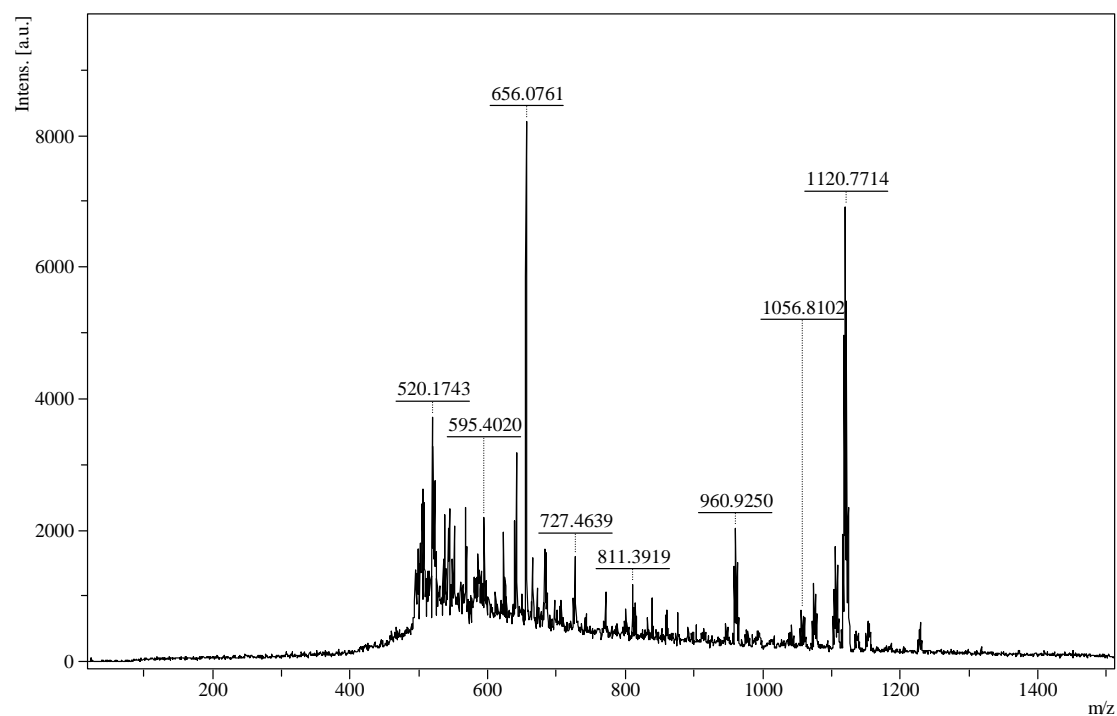
**$^1\text{H}$  NMR spectrum of 16 (500 MHz,  $\text{CDCl}_3$ , 25 °C)** **$^{13}\text{C}$  NMR spectrum of 16 (125 MHz,  $\text{CDCl}_3$ , 25 °C)**

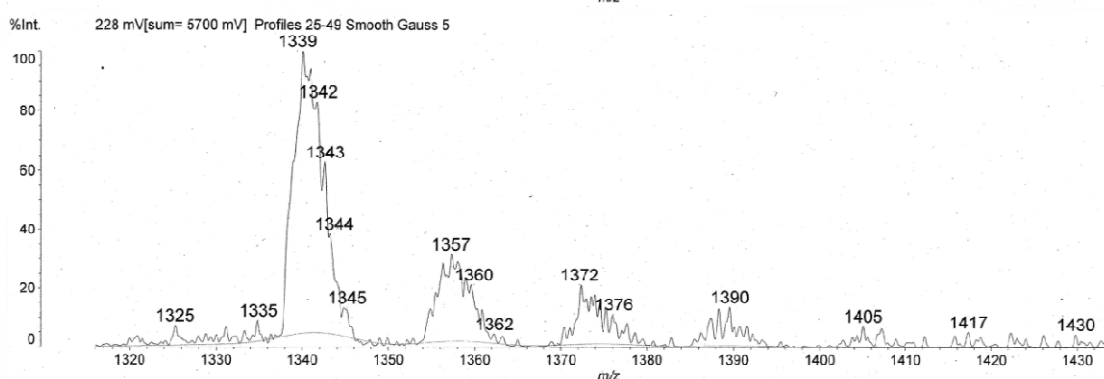
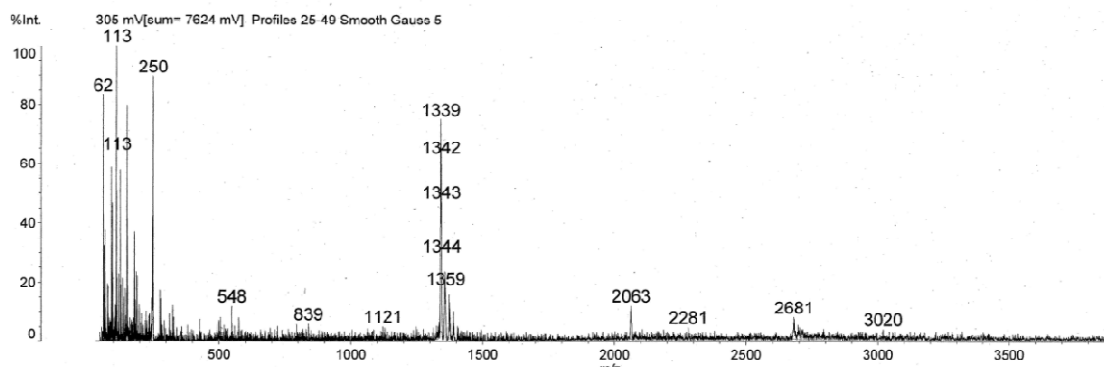
**High resolution MALDI-TOF mass spectrum of 16 (positive mode, HCCA matrix)**

**MALDI-TOF spectrum of the reaction of 16 with C<sub>60</sub> (positive mode, HCCA matrix)****HPLC elugram of the reaction of 16 with C<sub>60</sub>**

**$^1\text{H}$  NMR spectrum of 21 (500 MHz,  $\text{CDCl}_3$ , 25 °C)** **$^{13}\text{C}$  NMR spectrum of 21 (125 MHz,  $\text{CDCl}_3$ , 25 °C)**



**High resolution MALDI-TOF mass spectrum of 21 (positive mode, HCCA matrix)**

**MALDI-TOF spectrum and HPLC of the reaction of 21 with C<sub>60</sub> (positive mode, HCCA matrix)****HPLC elugram of the reaction of 21 with C<sub>60</sub>**