

## Supporting Information

# Near-Infrared Emission of Novel Bent-core V-shape Conjugated Polymers based on *B, O*-Chelated Azadipyrromethene Structure

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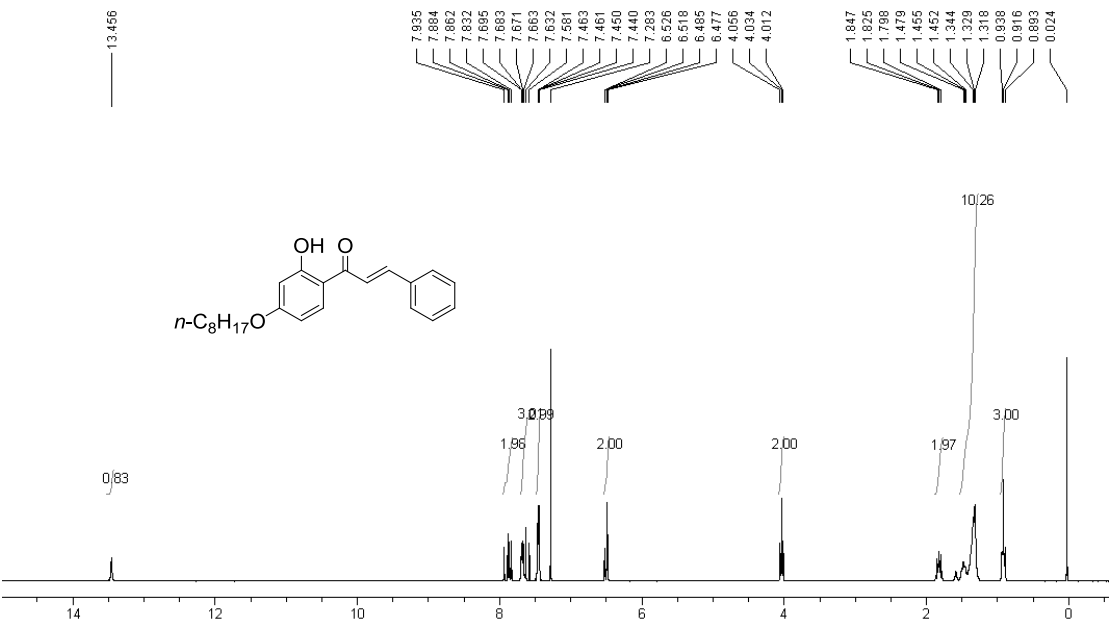
Key Lab of Mesoscopic Chemistry of MOE, School of Chemistry and Chemical Engineering,  
Nanjing University, Nanjing 210093, China

## Contents:

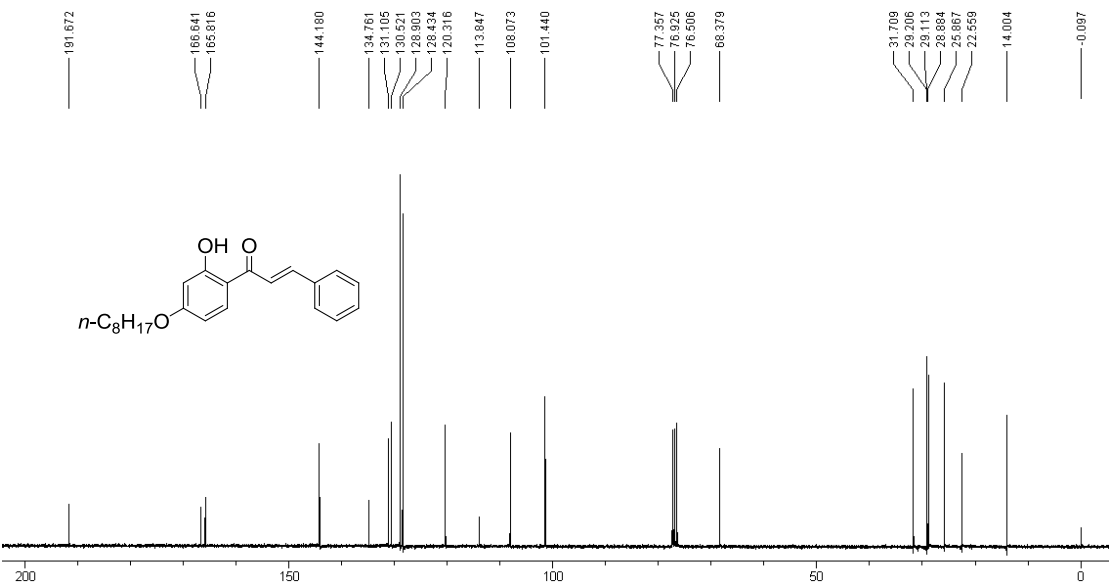
1.  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra of the compounds
2. Mass spectra

**<sup>1</sup>H NMR and <sup>13</sup>C NMR spectra of the compounds**

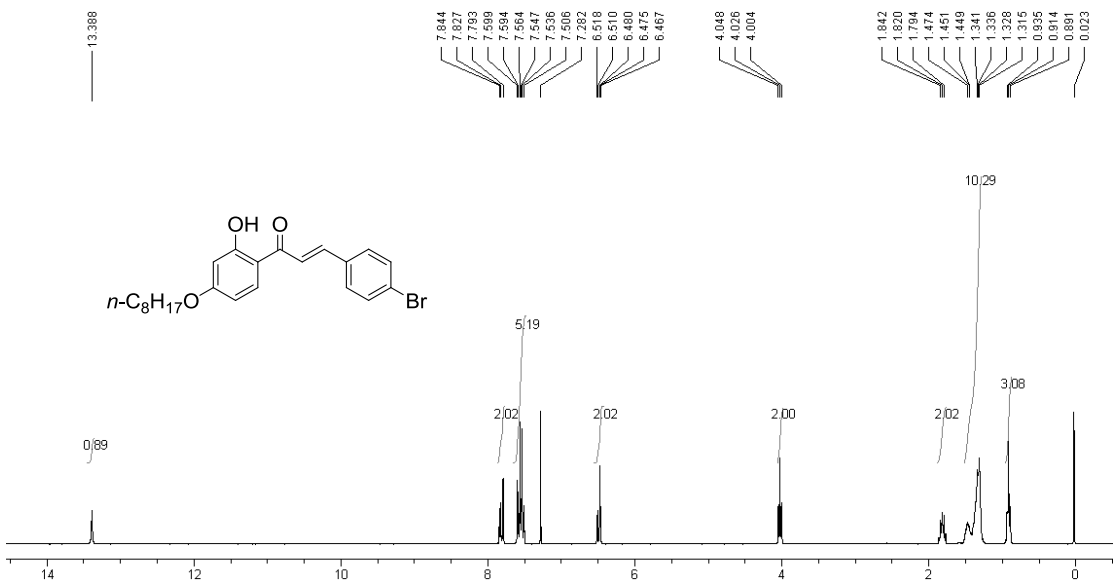
<sup>1</sup>H NMR of **3a** in CDCl<sub>3</sub>



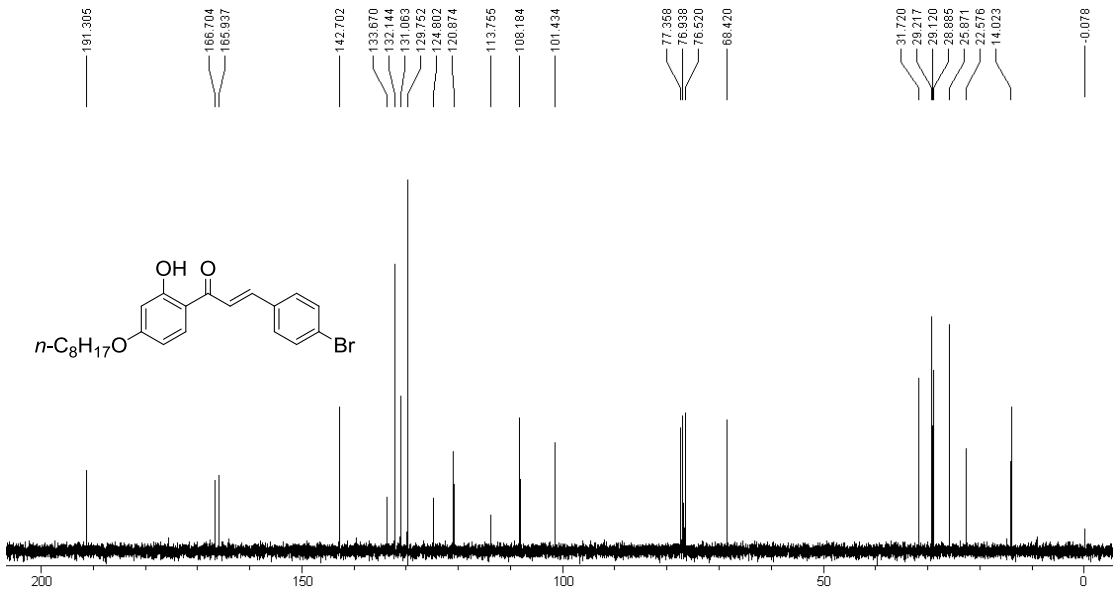
<sup>13</sup>C NMR of **3a** in CDCl<sub>3</sub>



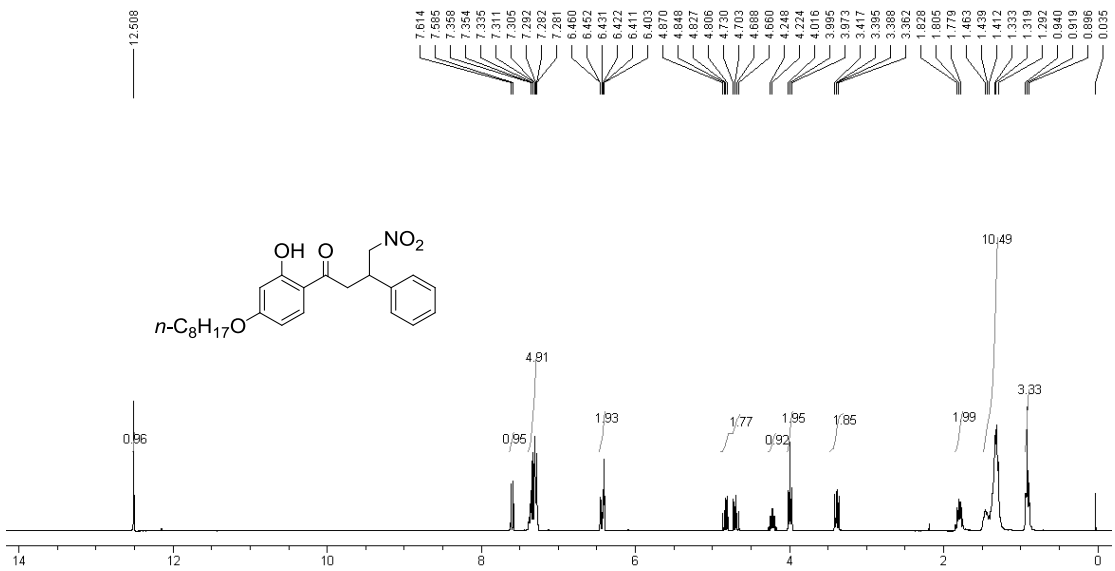
<sup>1</sup>H NMR of **3b** in CDCl<sub>3</sub>



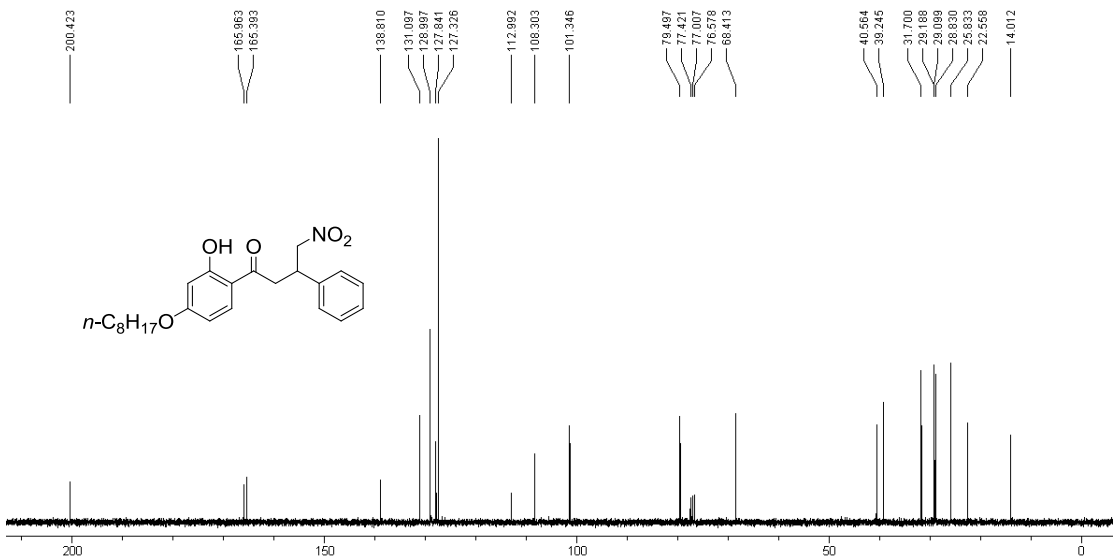
<sup>13</sup>C NMR of **3b** in CDCl<sub>3</sub>



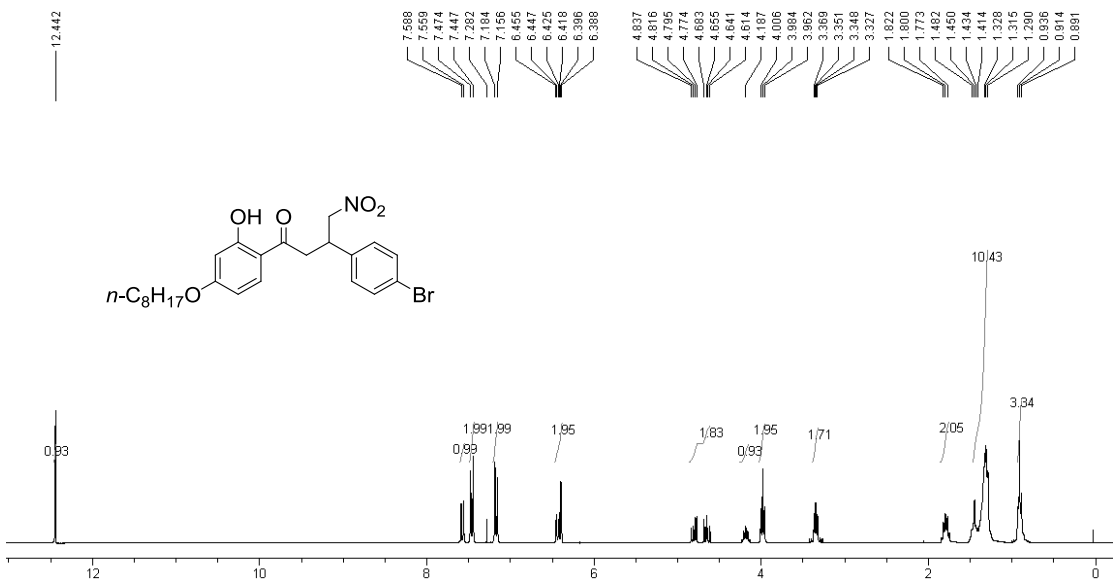
<sup>1</sup>H NMR of **4a** in CDCl<sub>3</sub>



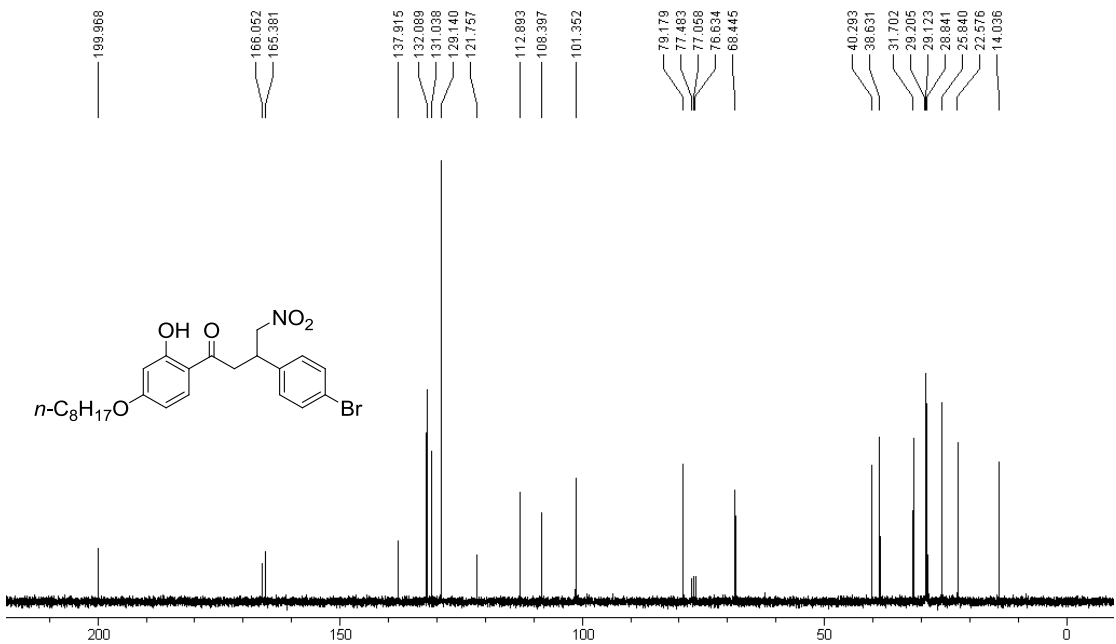
<sup>13</sup>C NMR of **4a** in CDCl<sub>3</sub>



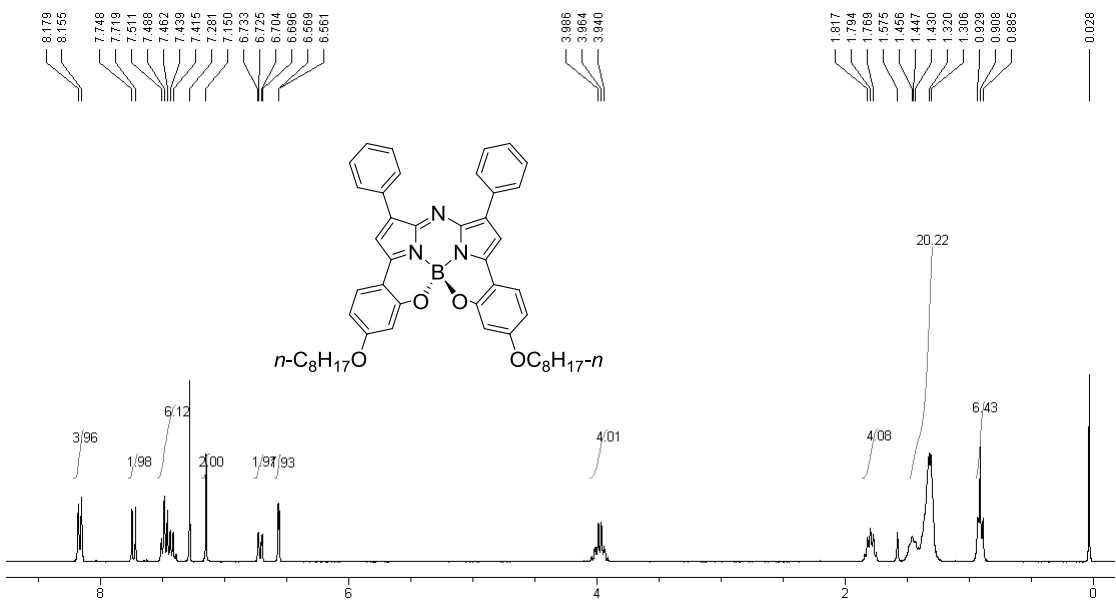
<sup>1</sup>H NMR of **4b** in CDCl<sub>3</sub>



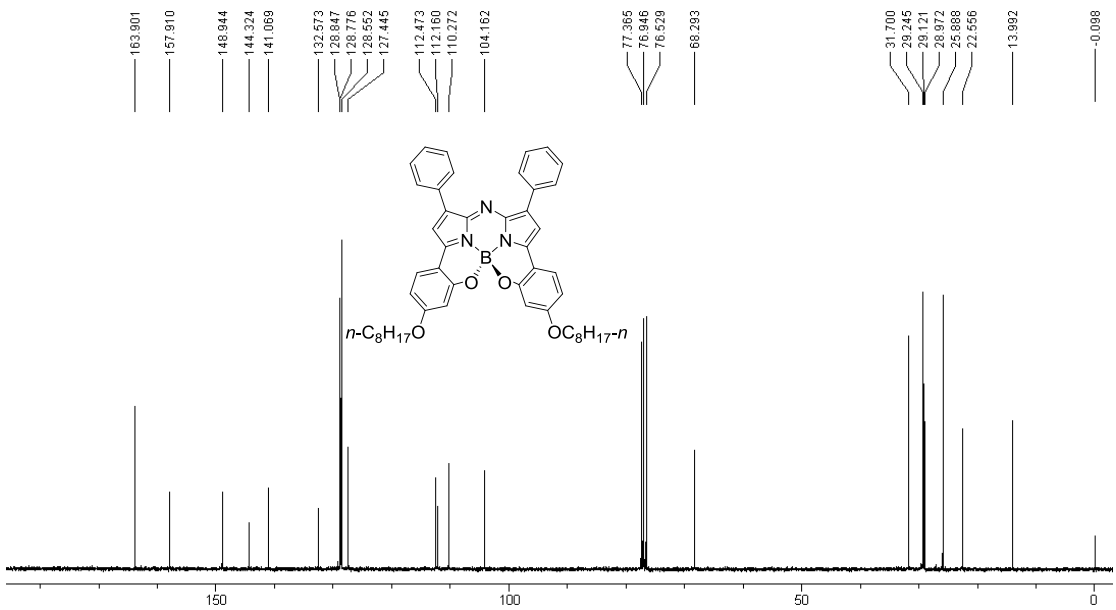
<sup>13</sup>C NMR of **4b** in CDCl<sub>3</sub>



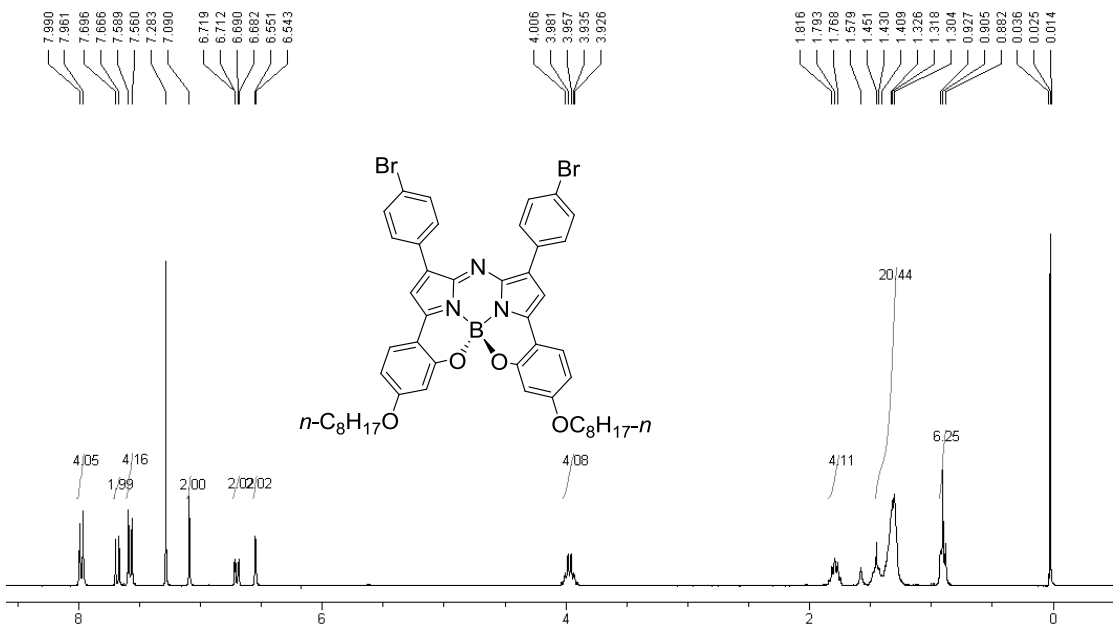
<sup>1</sup>H NMR of **6** in CDCl<sub>3</sub>



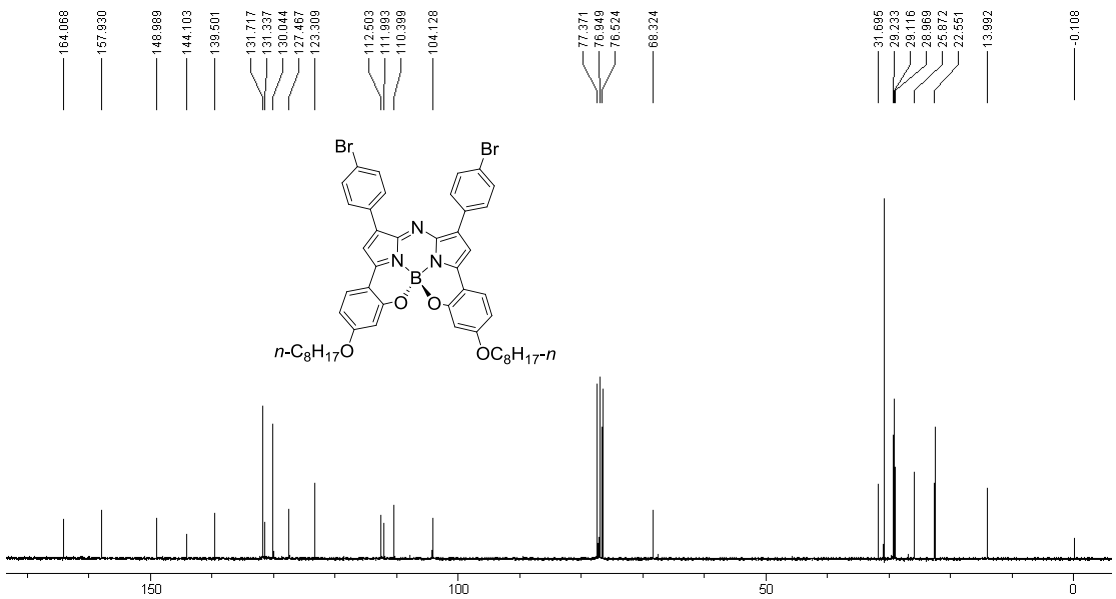
<sup>13</sup>C NMR of **6** in CDCl<sub>3</sub>



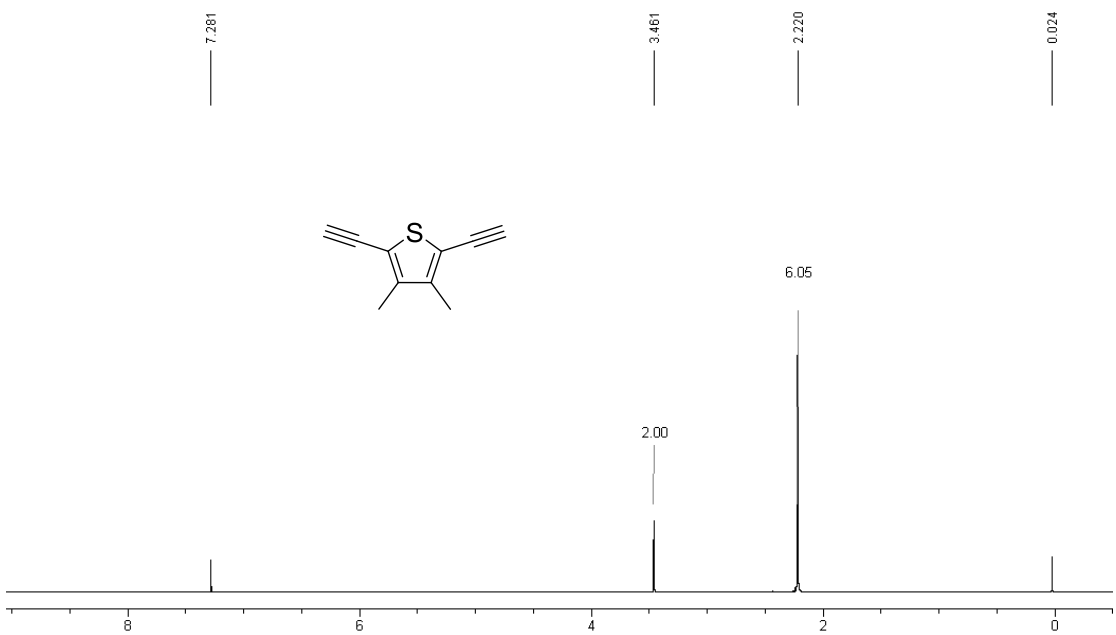
<sup>1</sup>H NMR of **M-1** in CDCl<sub>3</sub>



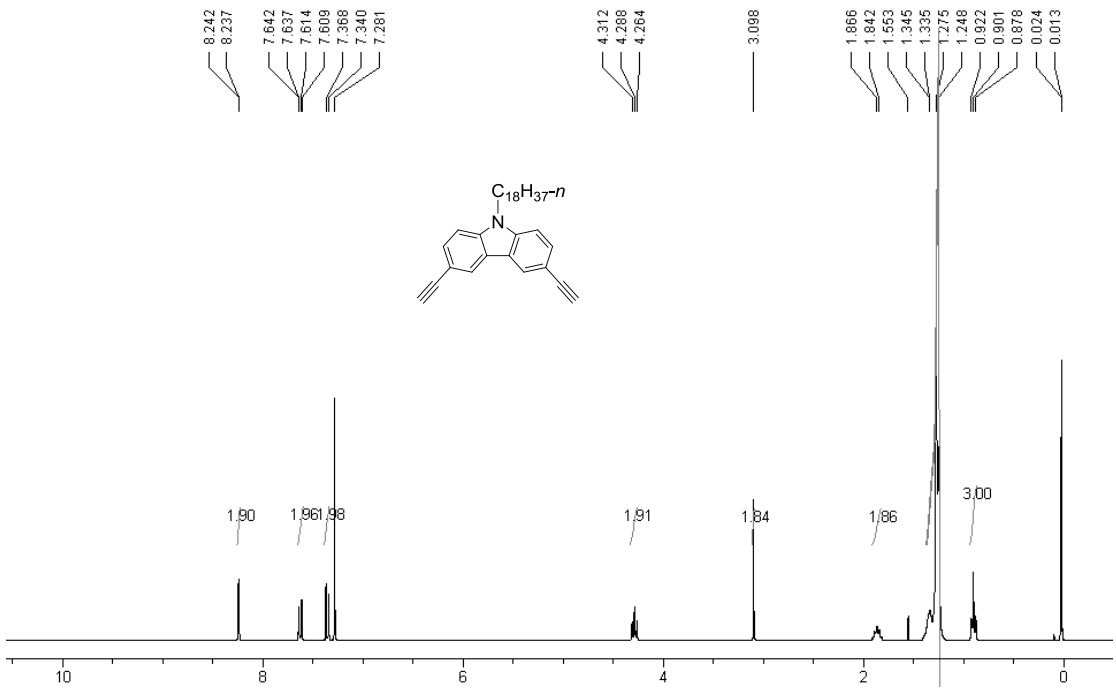
<sup>13</sup>C NMR of **M-1** in CDCl<sub>3</sub>



<sup>1</sup>H NMR of **M-2** in CDCl<sub>3</sub>

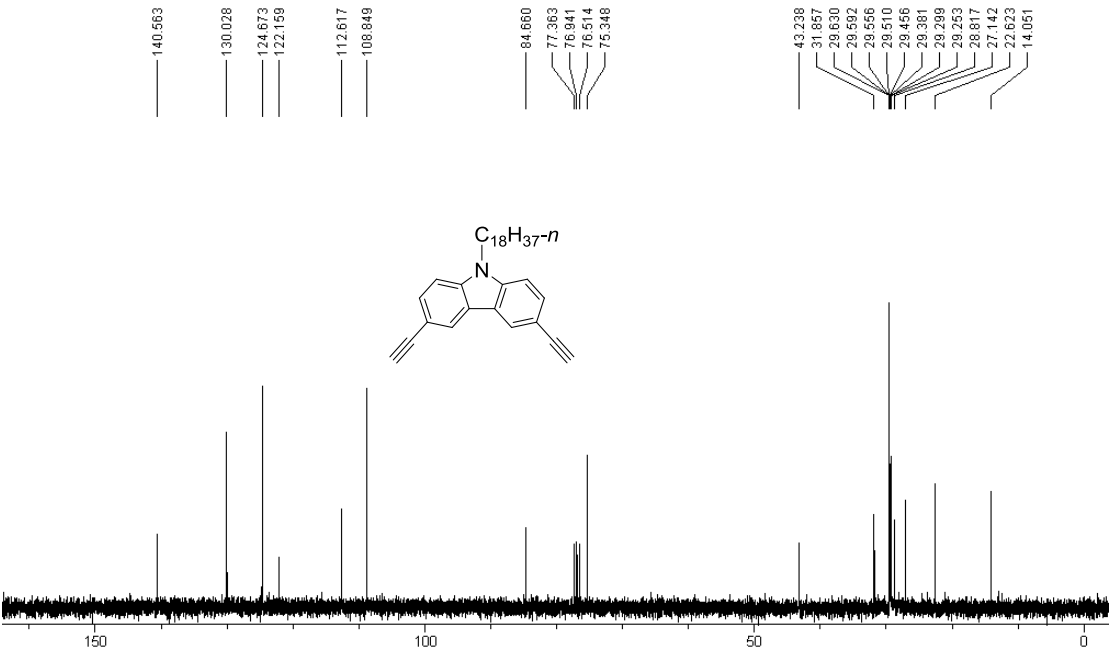


<sup>1</sup>H NMR of **M-3** in CDCl<sub>3</sub>

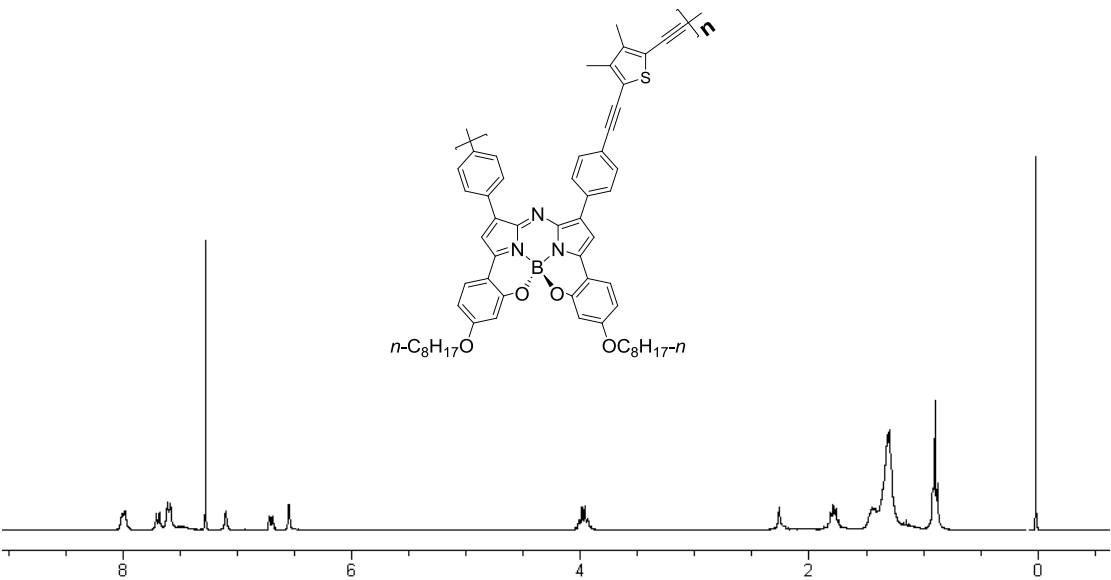




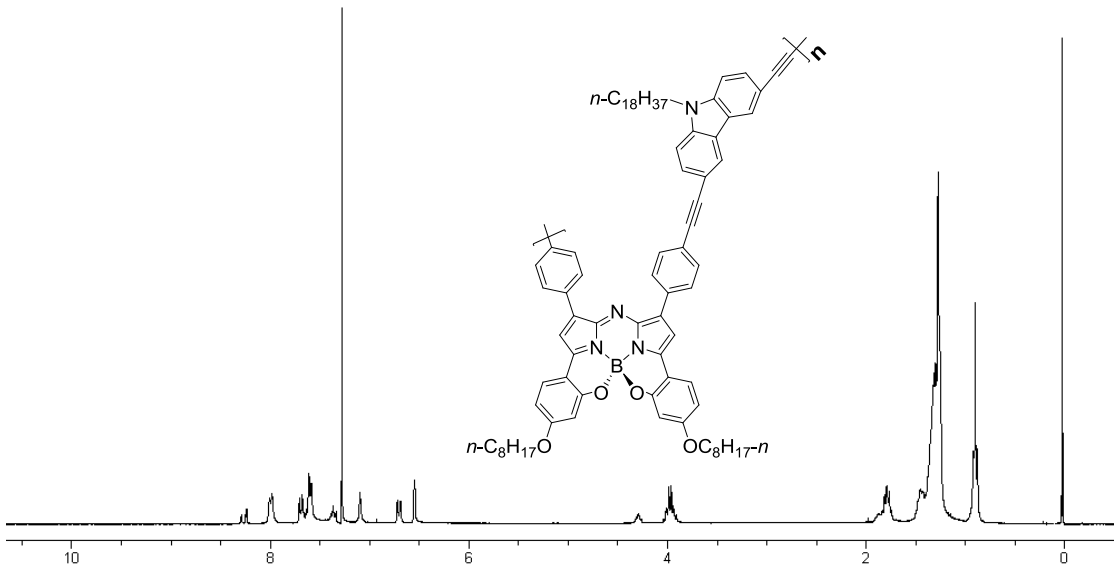
<sup>13</sup>C NMR of **M-3** in CDCl<sub>3</sub>



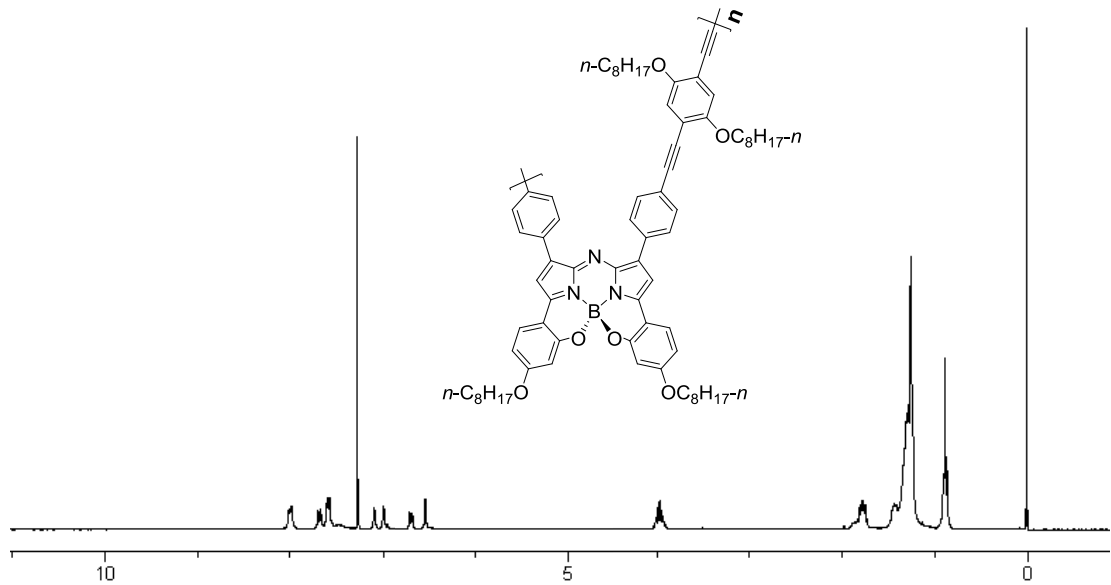
<sup>1</sup>H NMR of **P-1** in CDCl<sub>3</sub>



<sup>1</sup>H NMR of **P-2** in CDCl<sub>3</sub>

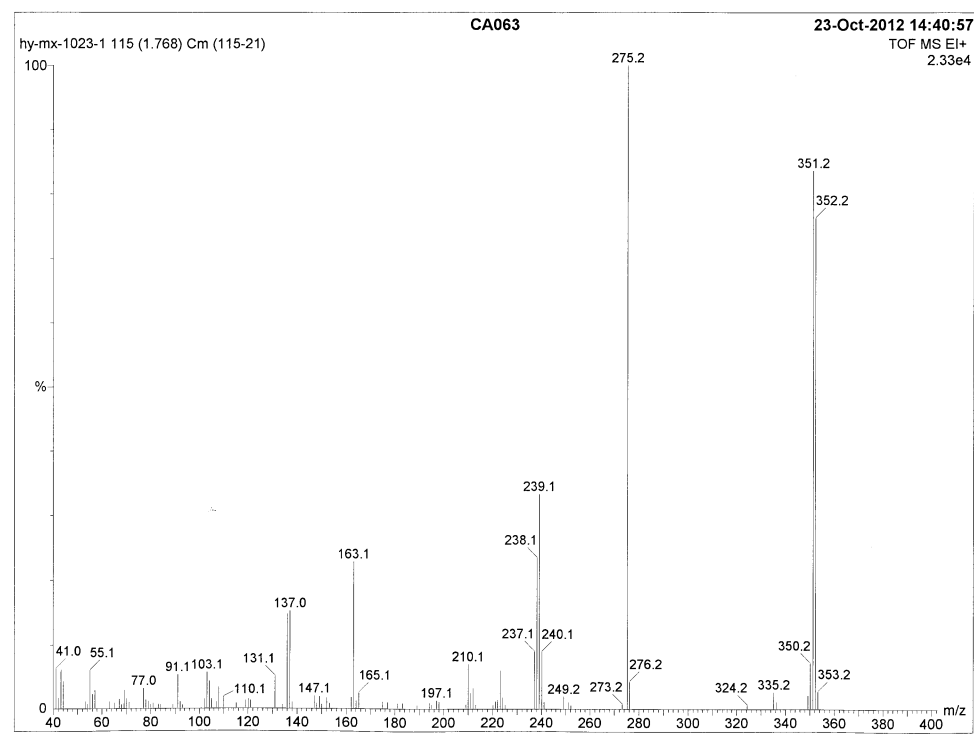


<sup>1</sup>H NMR of **P-3** in CDCl<sub>3</sub>

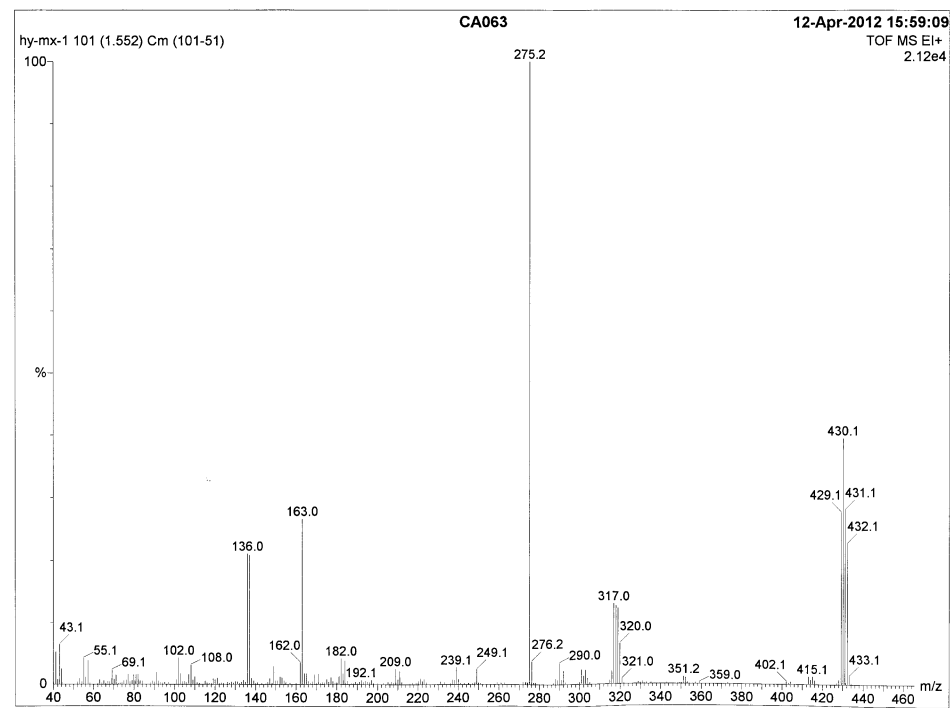


Mass spectrum

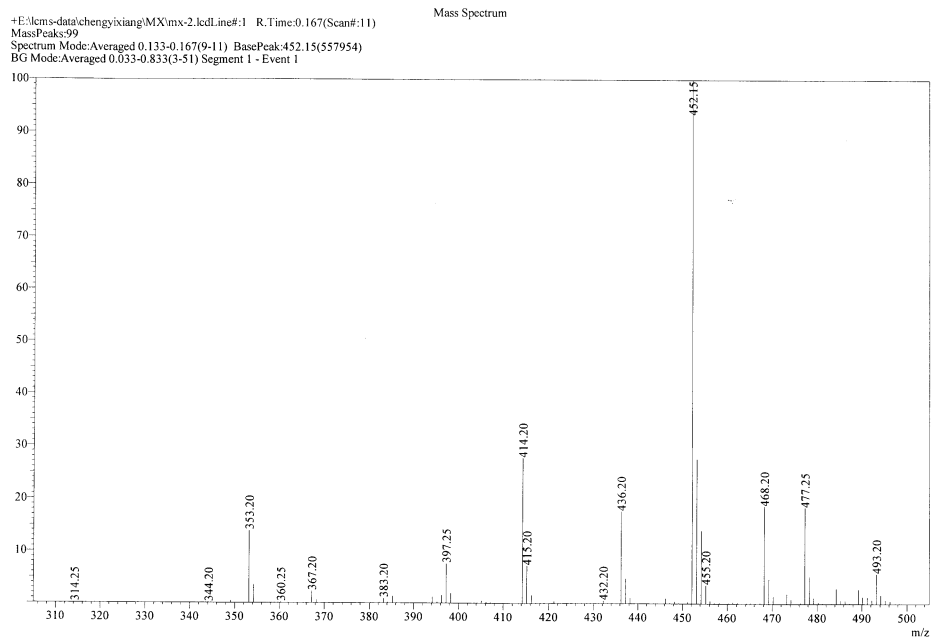
Compound 3a



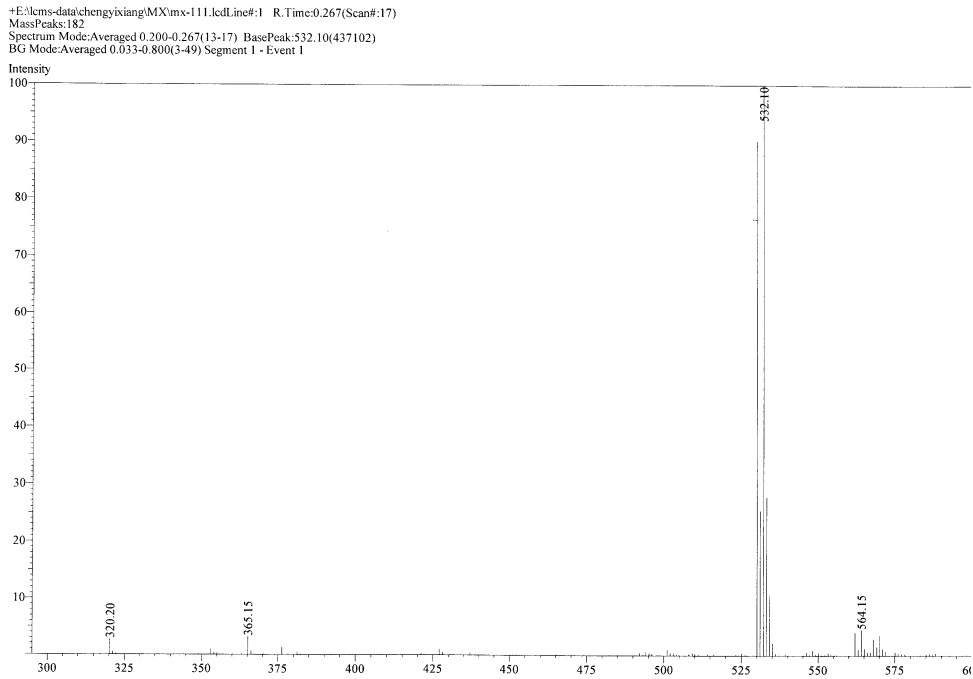
Compound 3b



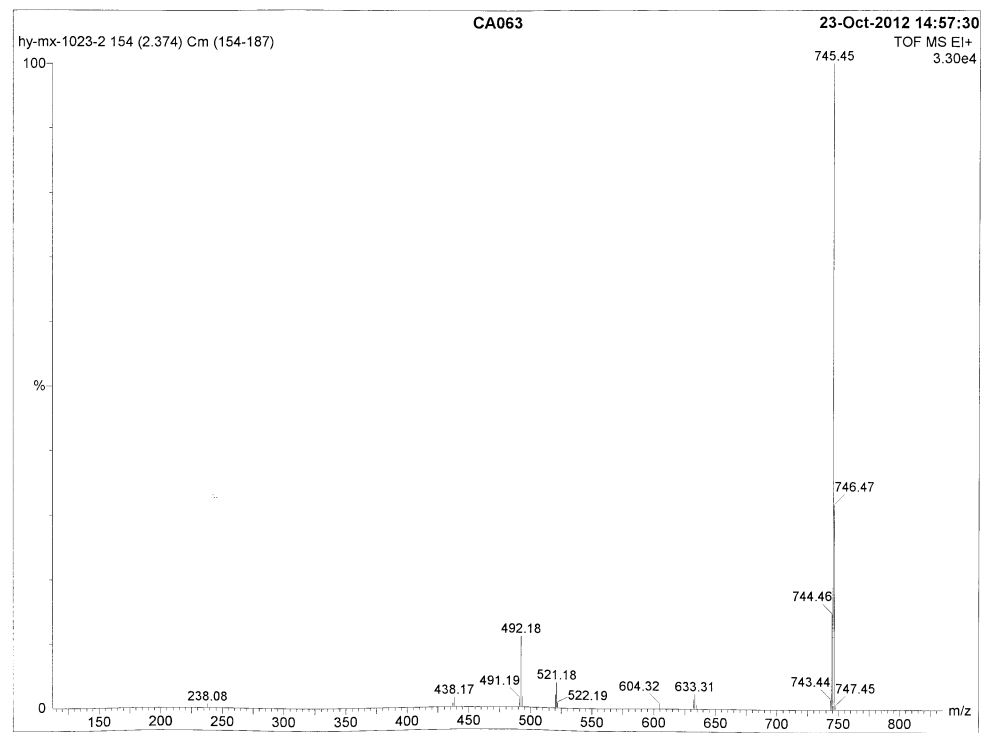
Compound **4a**



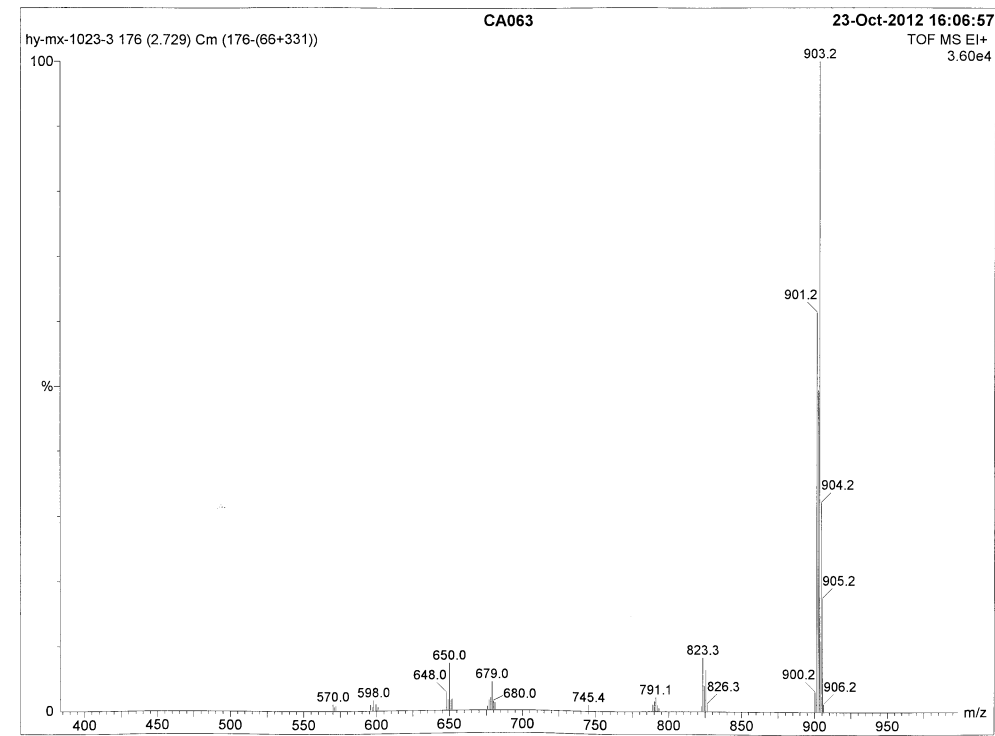
Compound **4b**



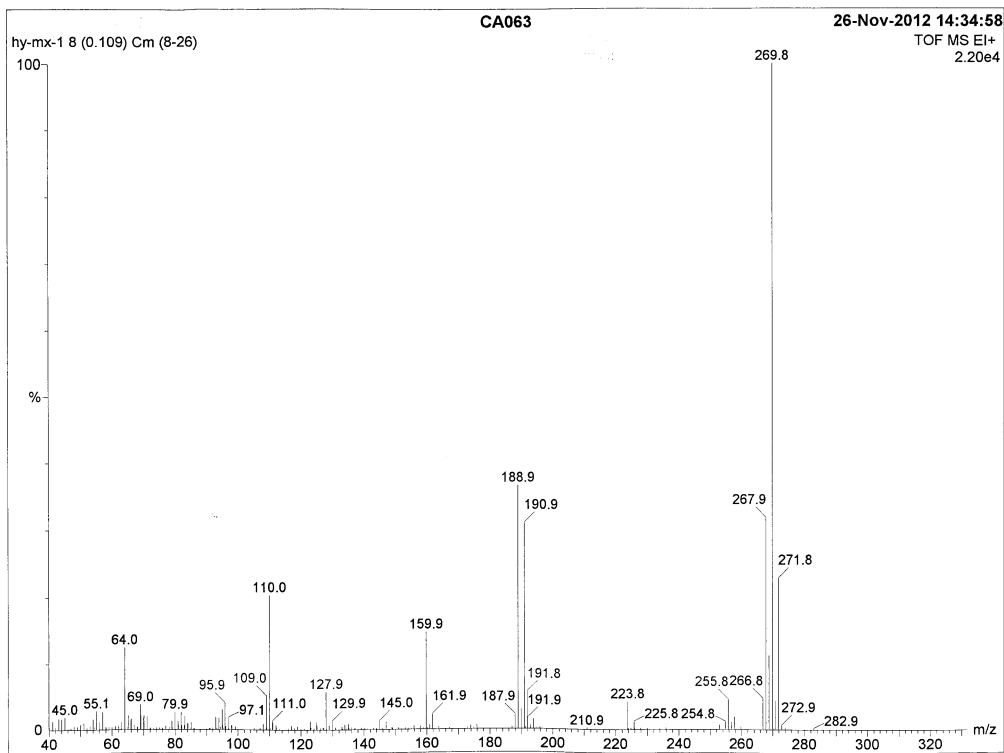
Compound **6**



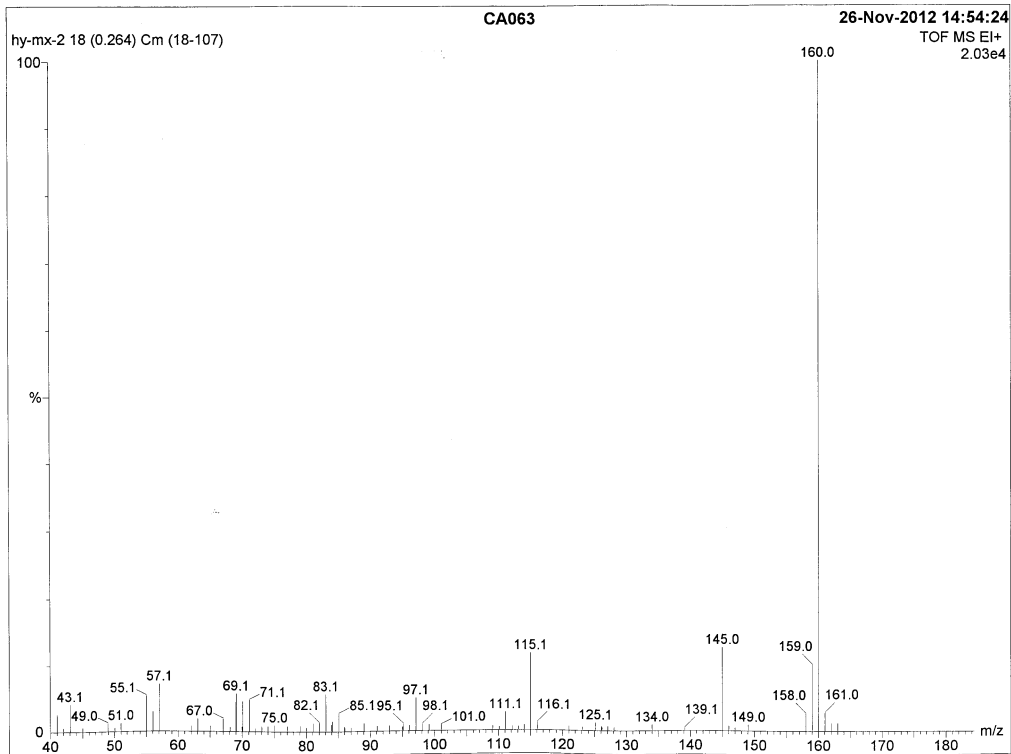
Compound **M-1**



Compound 8



Compound M-2



Compound **M-3**

