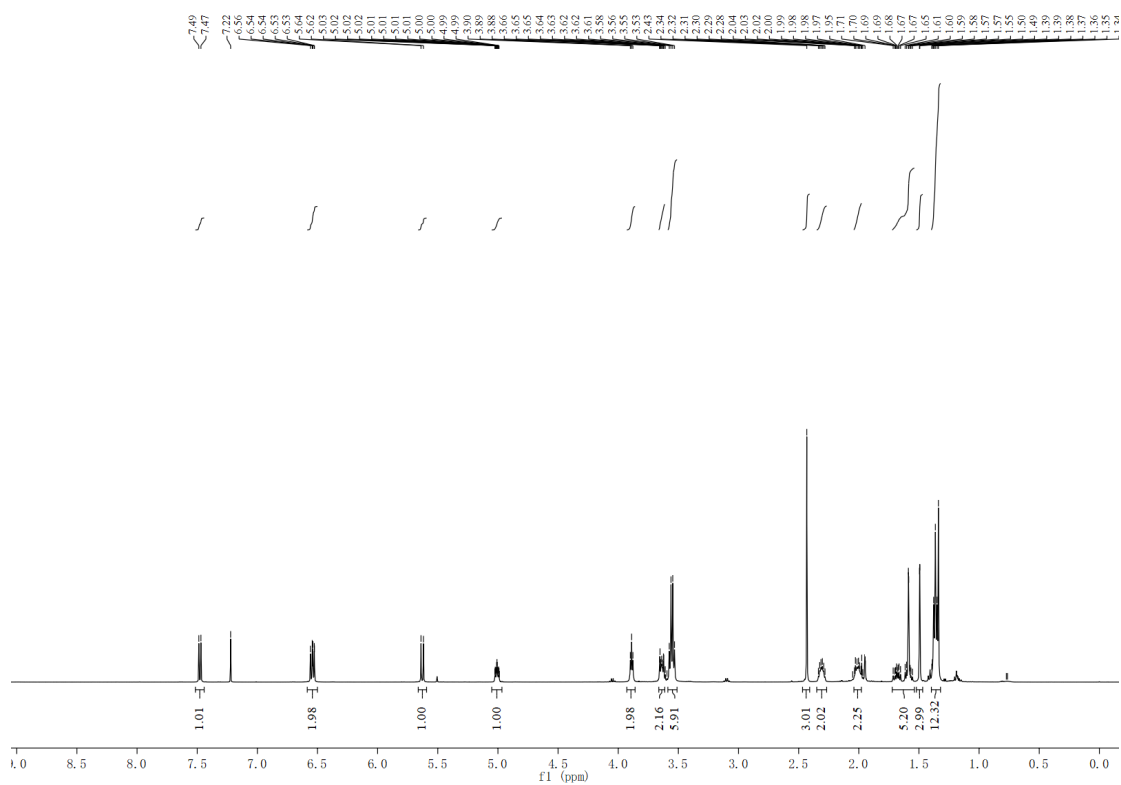


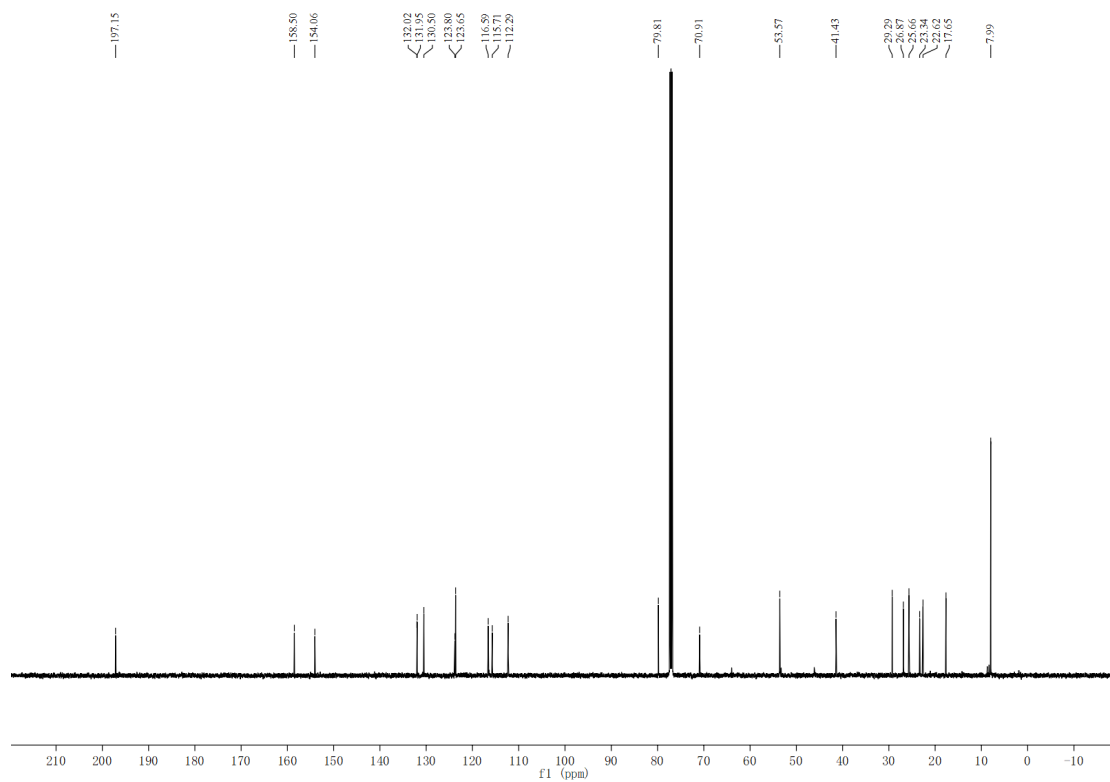
## Supplementary data

### **Index:**

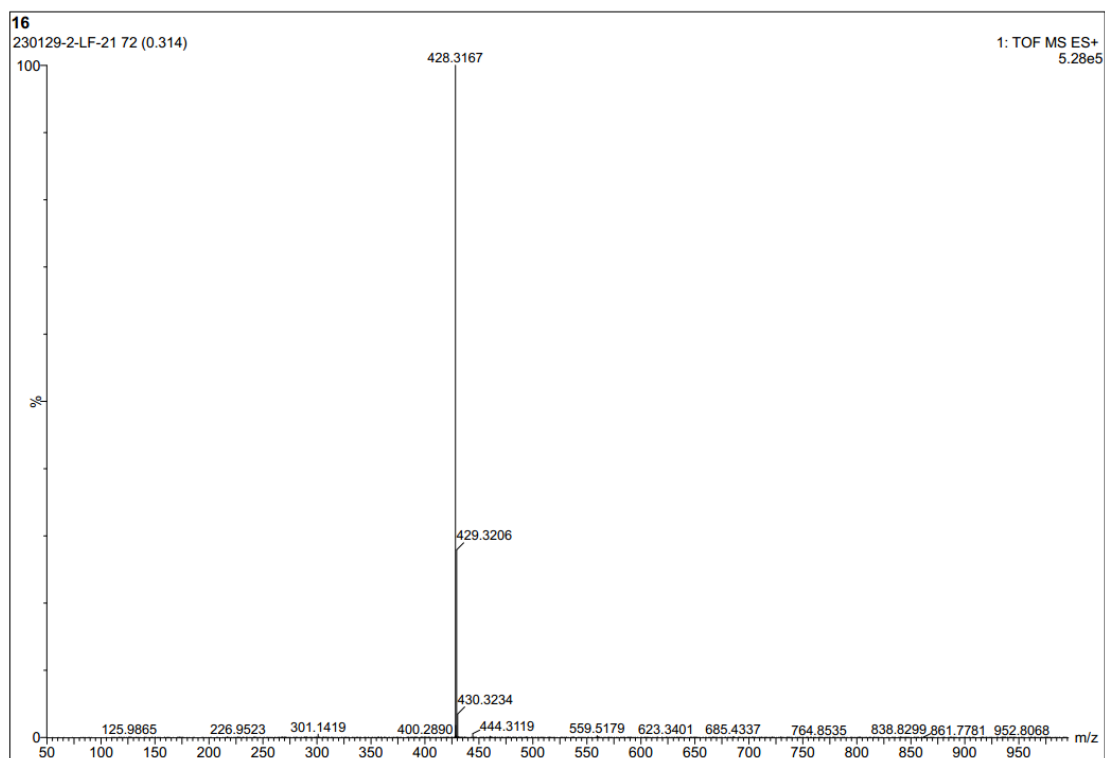
<sup>1</sup> H NMR, <sup>13</sup> C NMR Spectra and HRMS of target compounds	2-25
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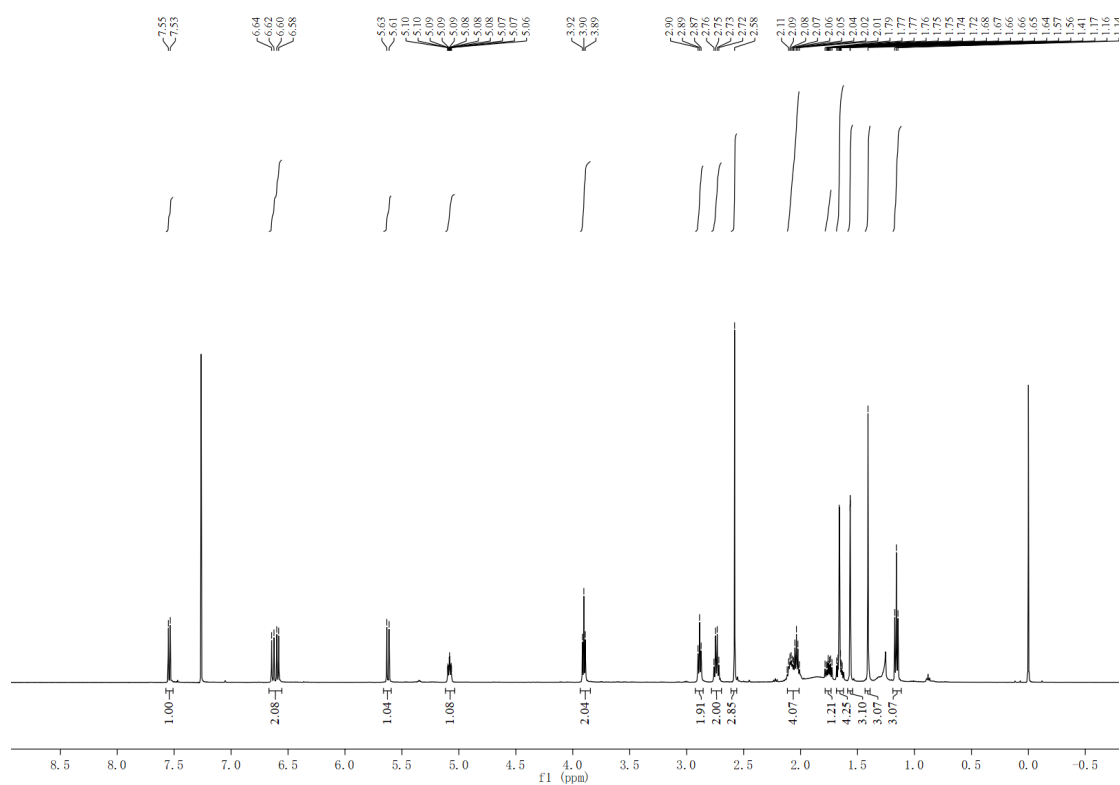
**<sup>1</sup>H NMR spectrum of 5a**

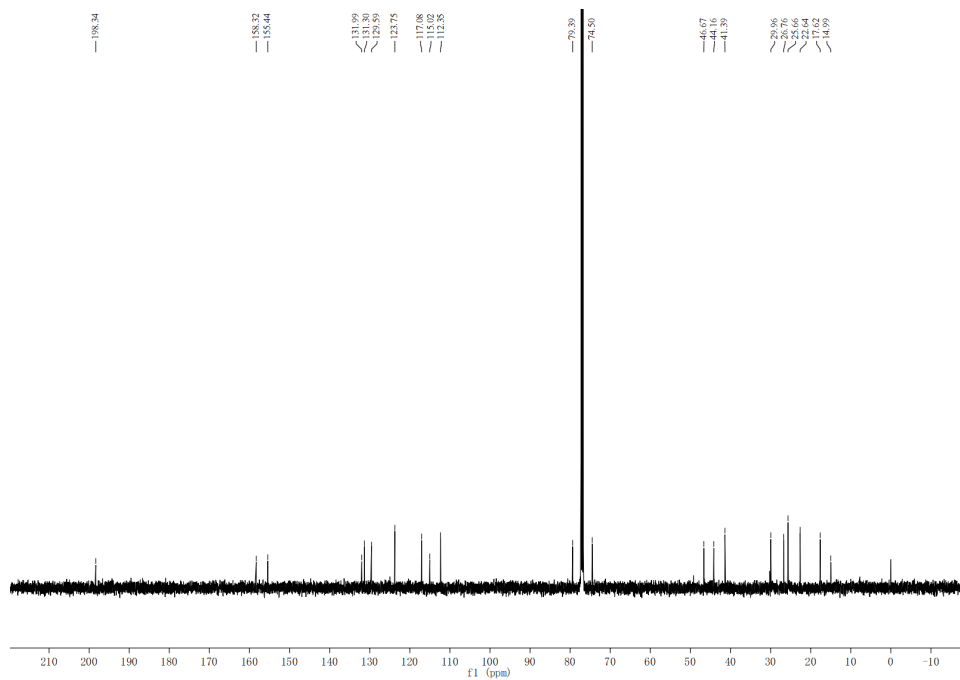


**<sup>13</sup>C NMR spectrum of 5a**

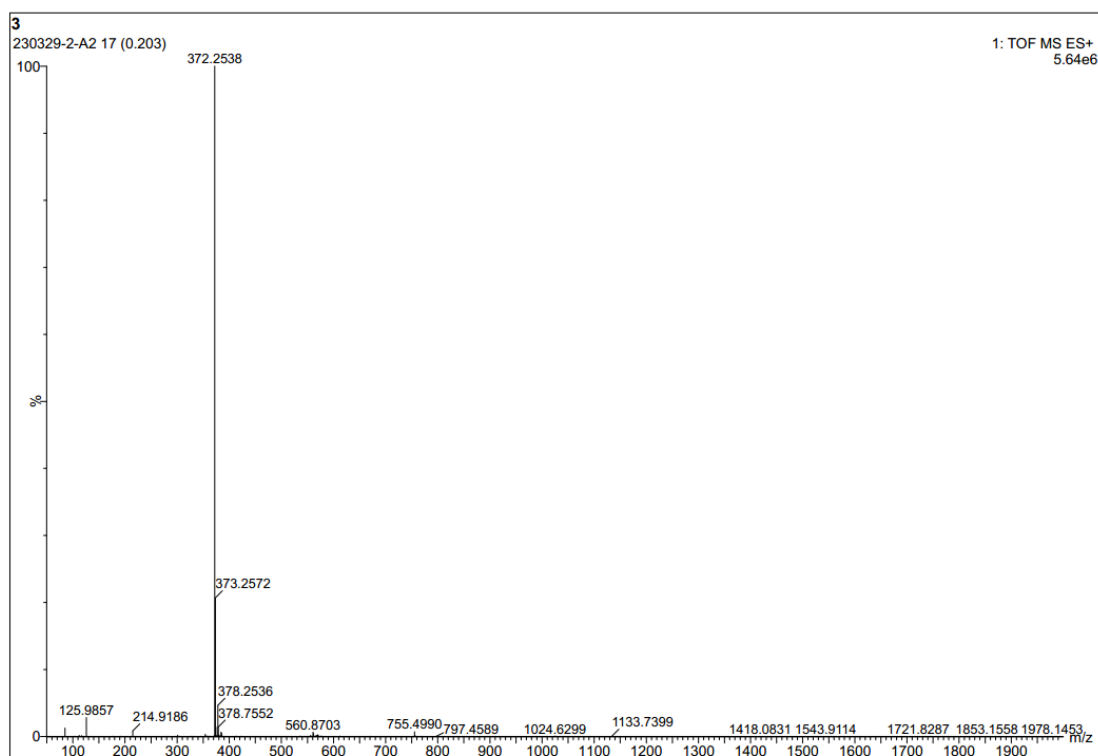


HRMS spectrum of 5a

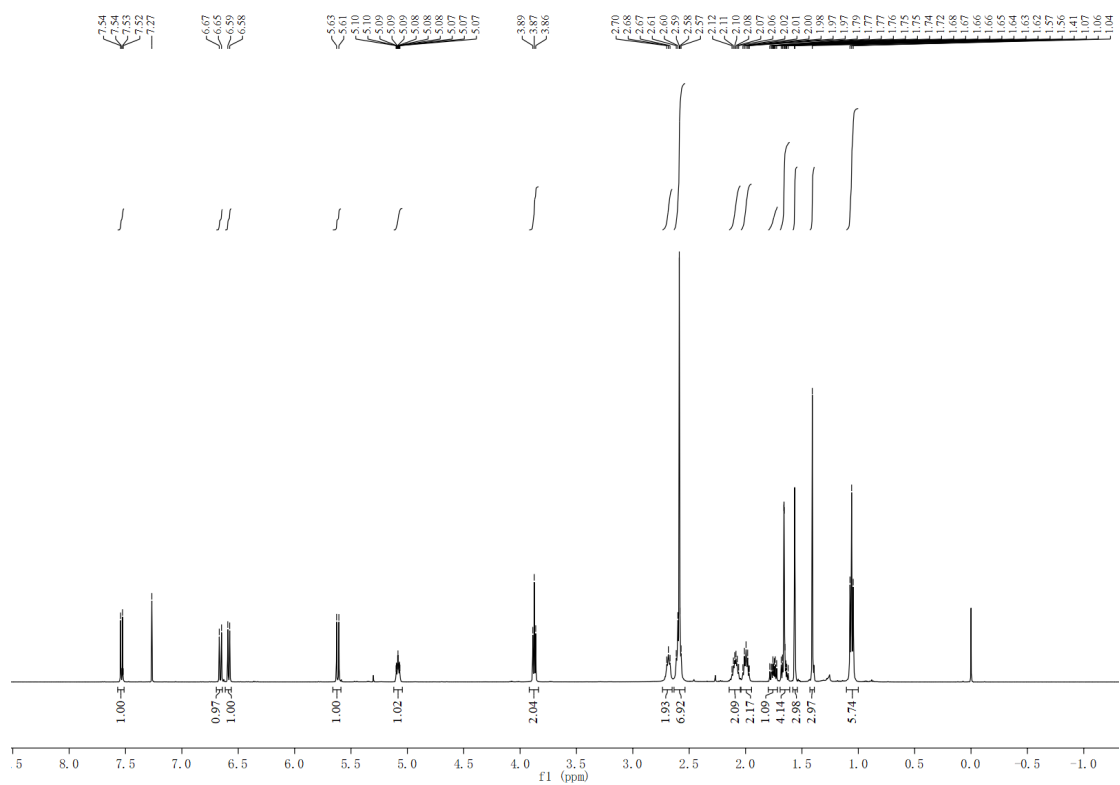




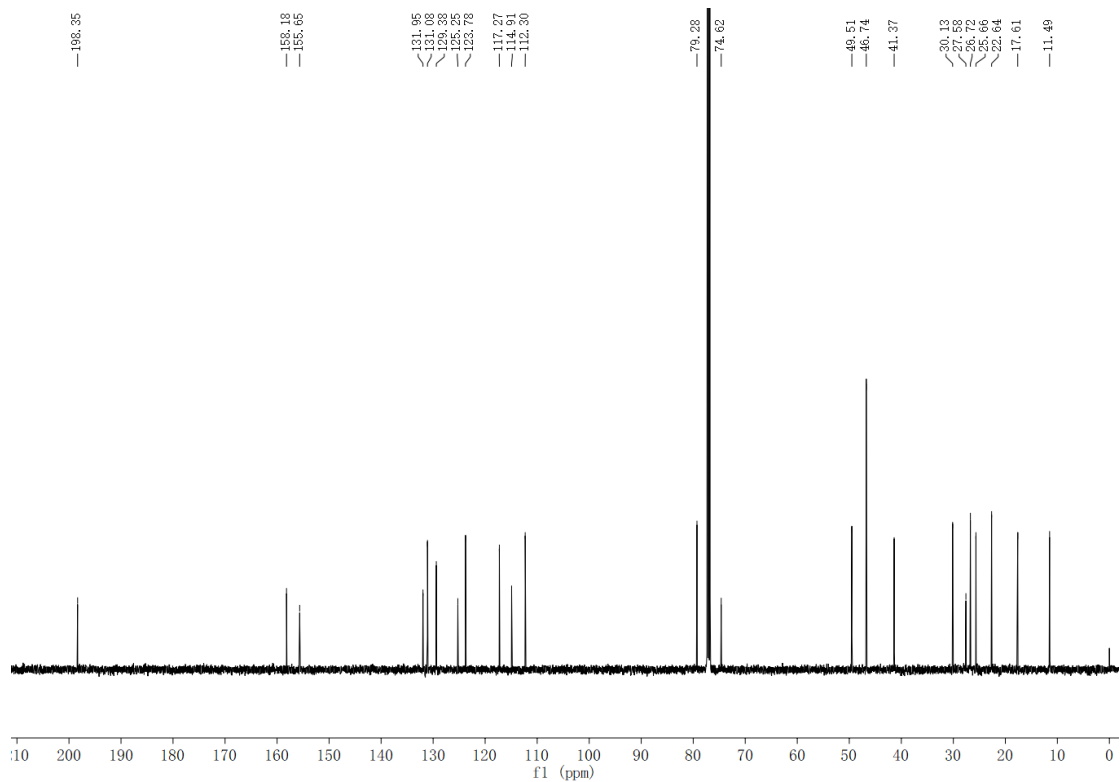
<sup>13</sup>C NMR spectrum of 5b



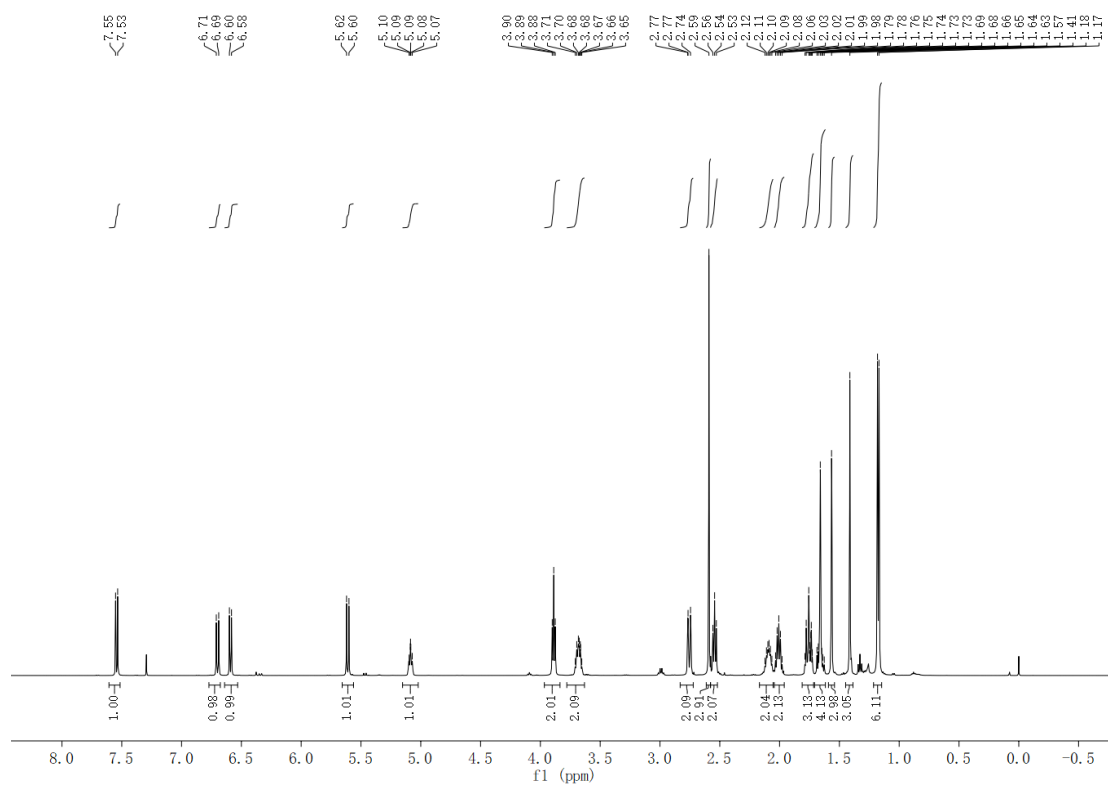
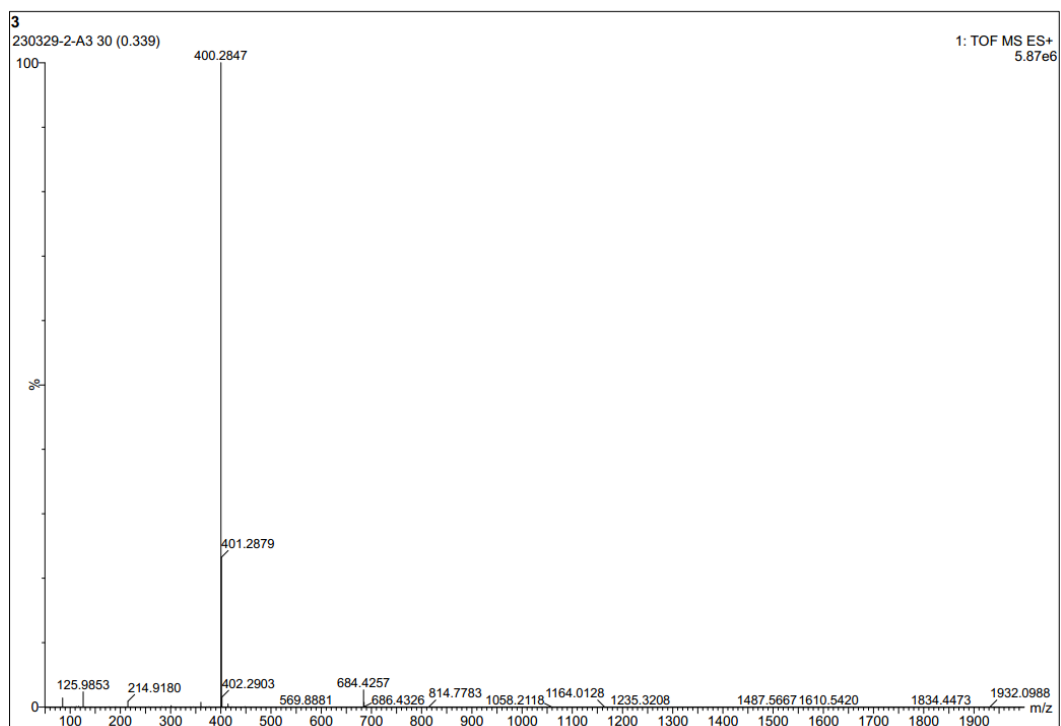
HRMS spectrum of 5b

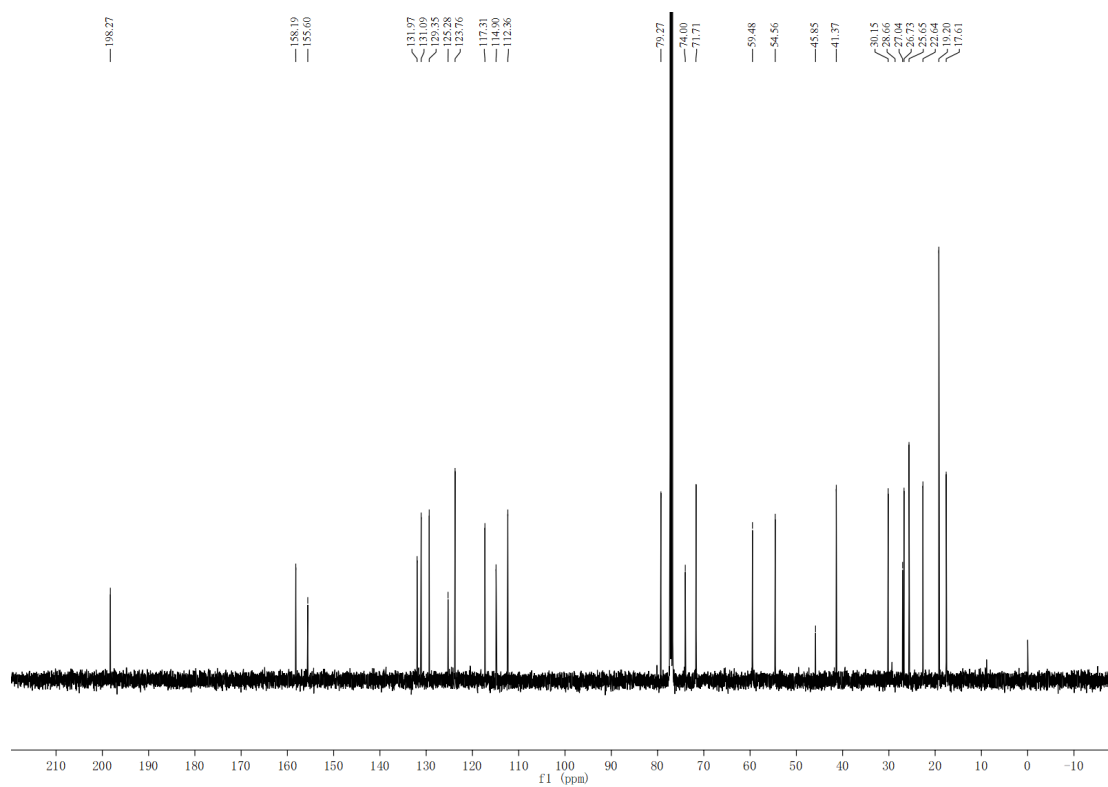


<sup>1</sup>H NMR spectrum of 5c

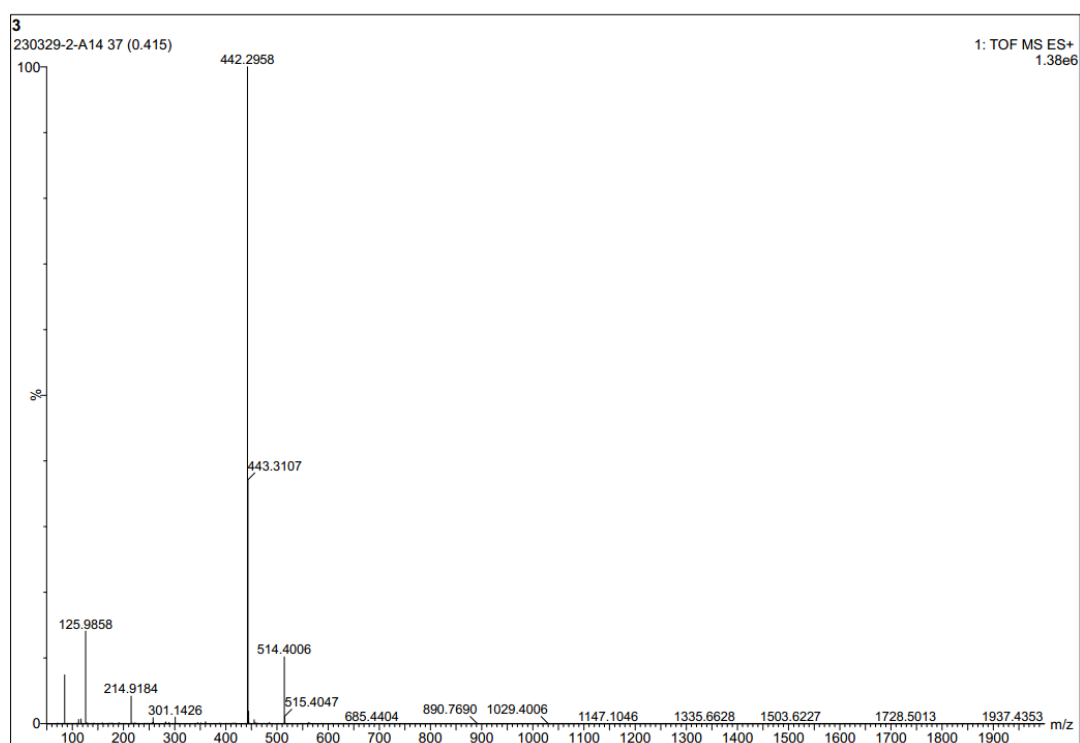


<sup>13</sup>C NMR spectrum of 5c

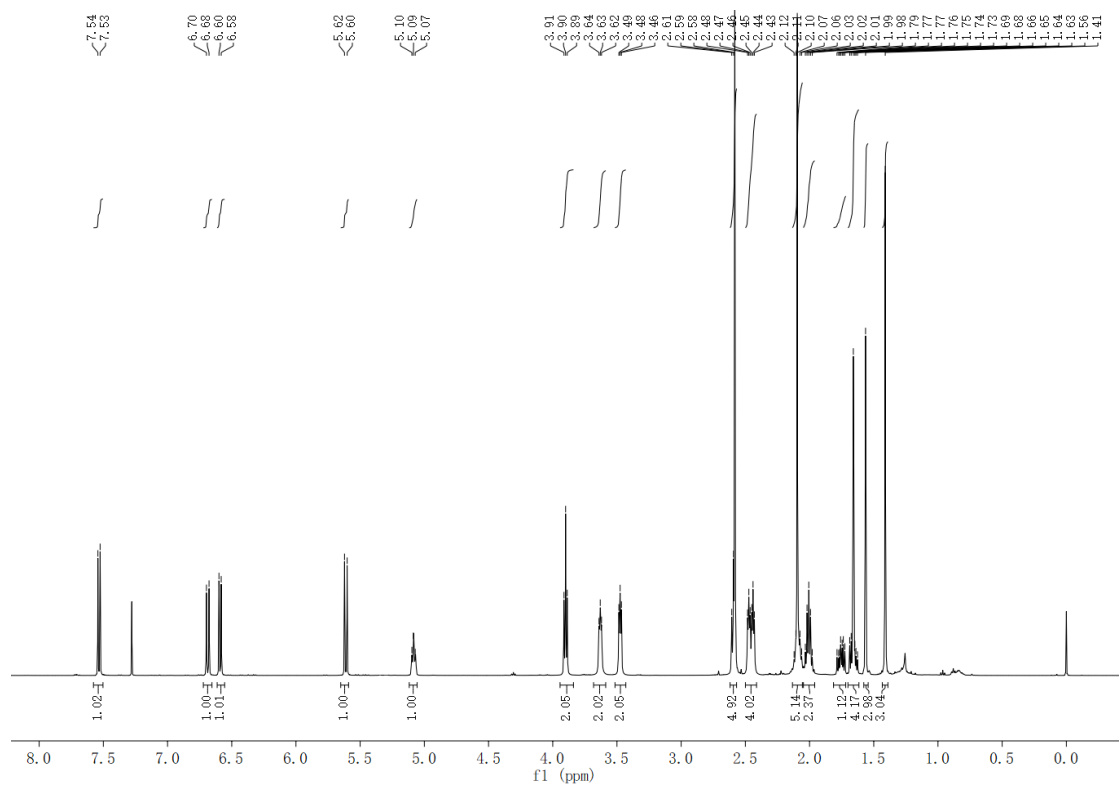




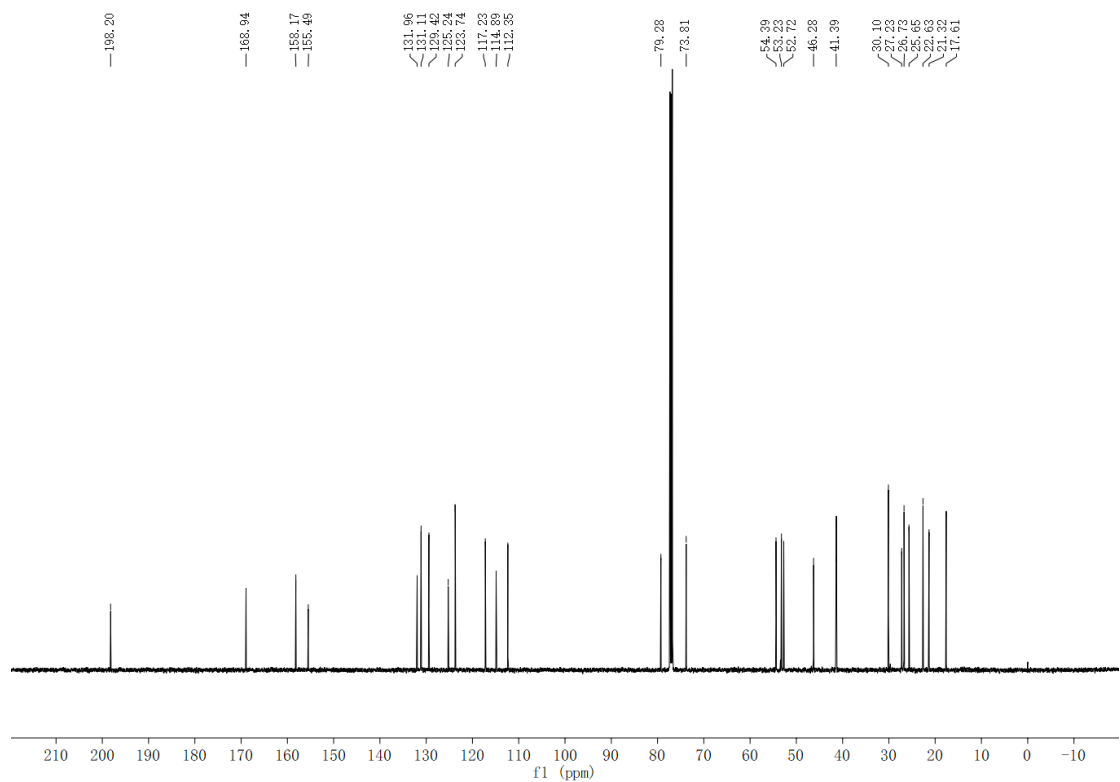
<sup>13</sup>C NMR spectrum of 5d



HRMS spectrum of 5d

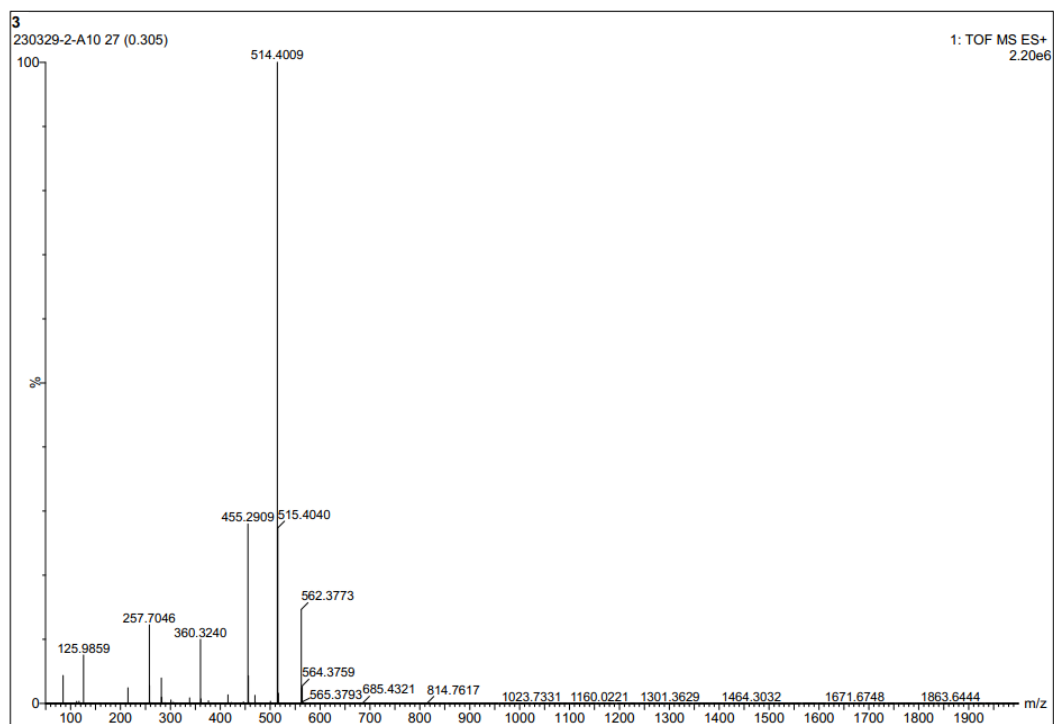


<sup>1</sup>H NMR spectrum of 5e

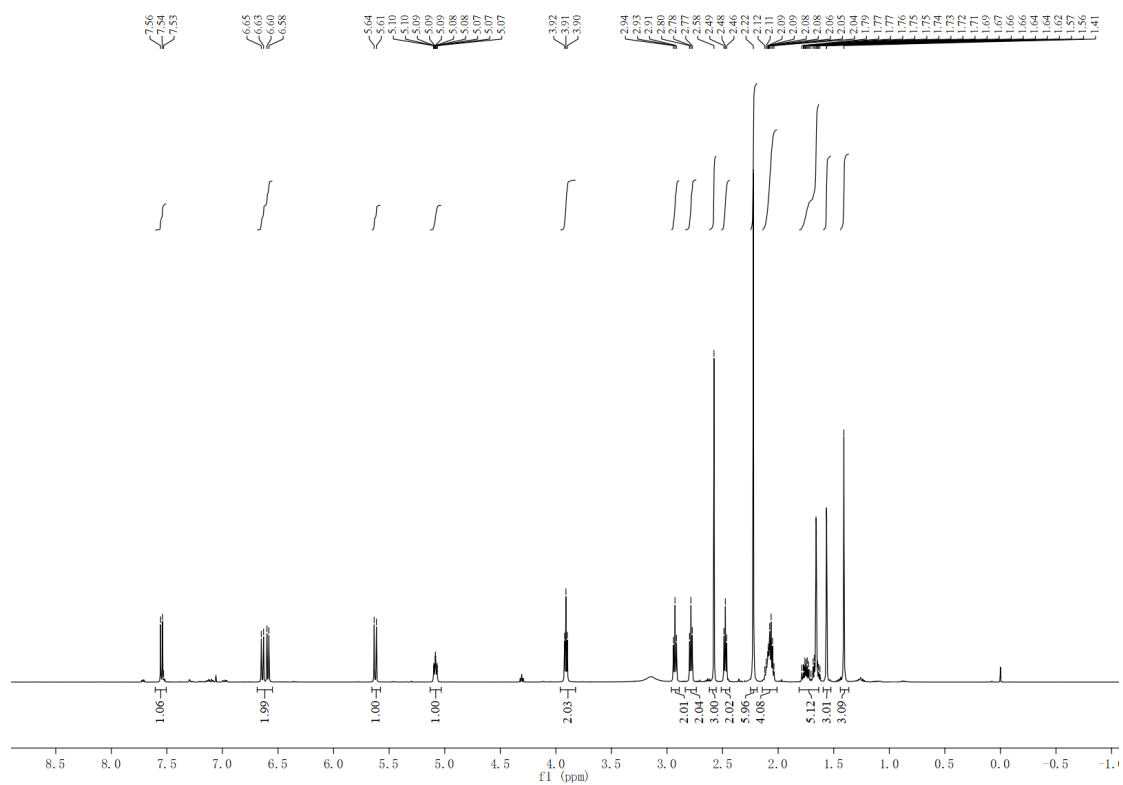


<sup>13</sup>C NMR spectrum of 5e

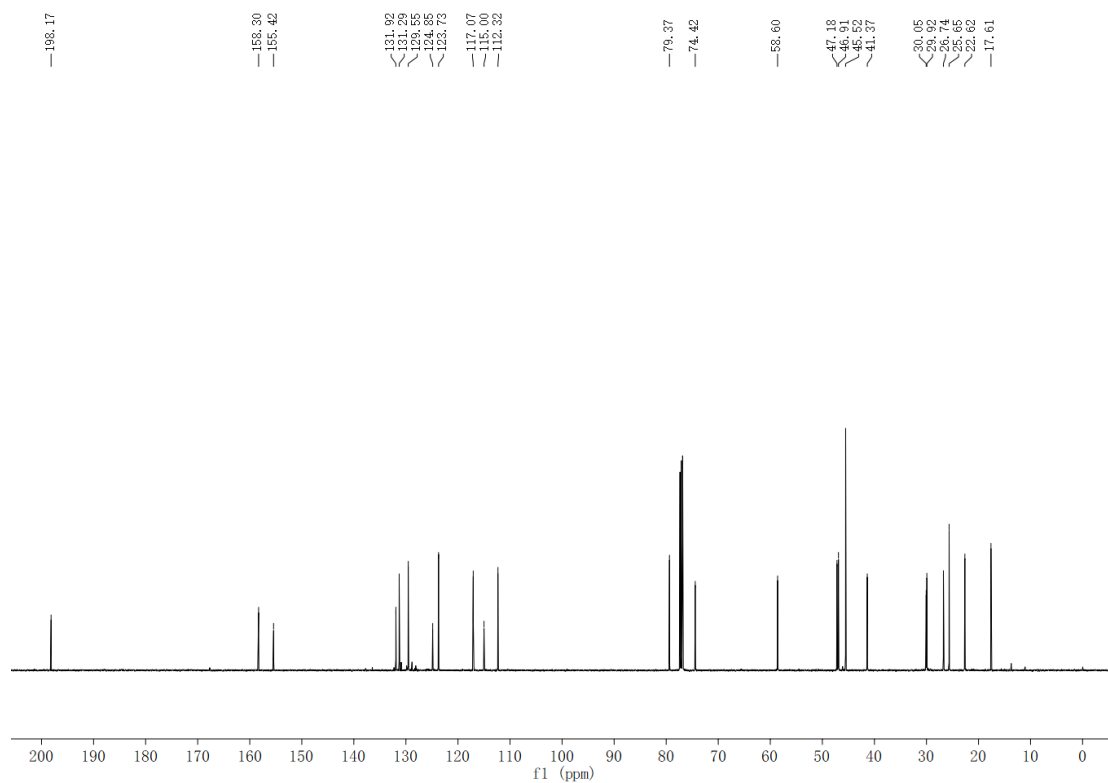




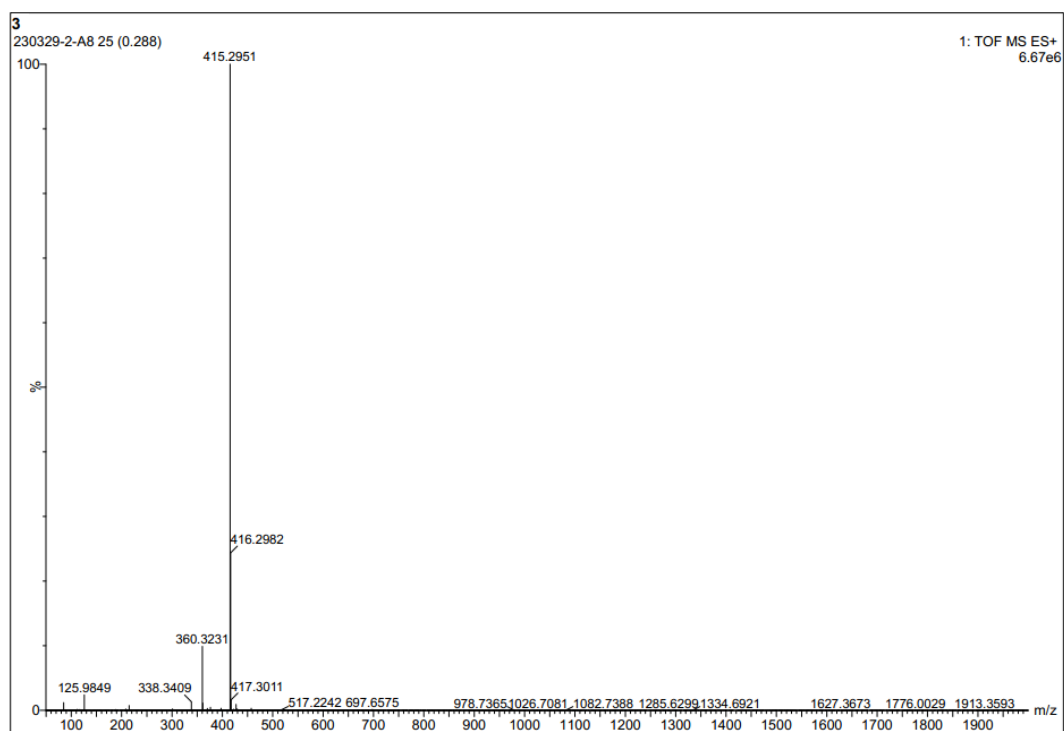
HRMS spectrum of 5e



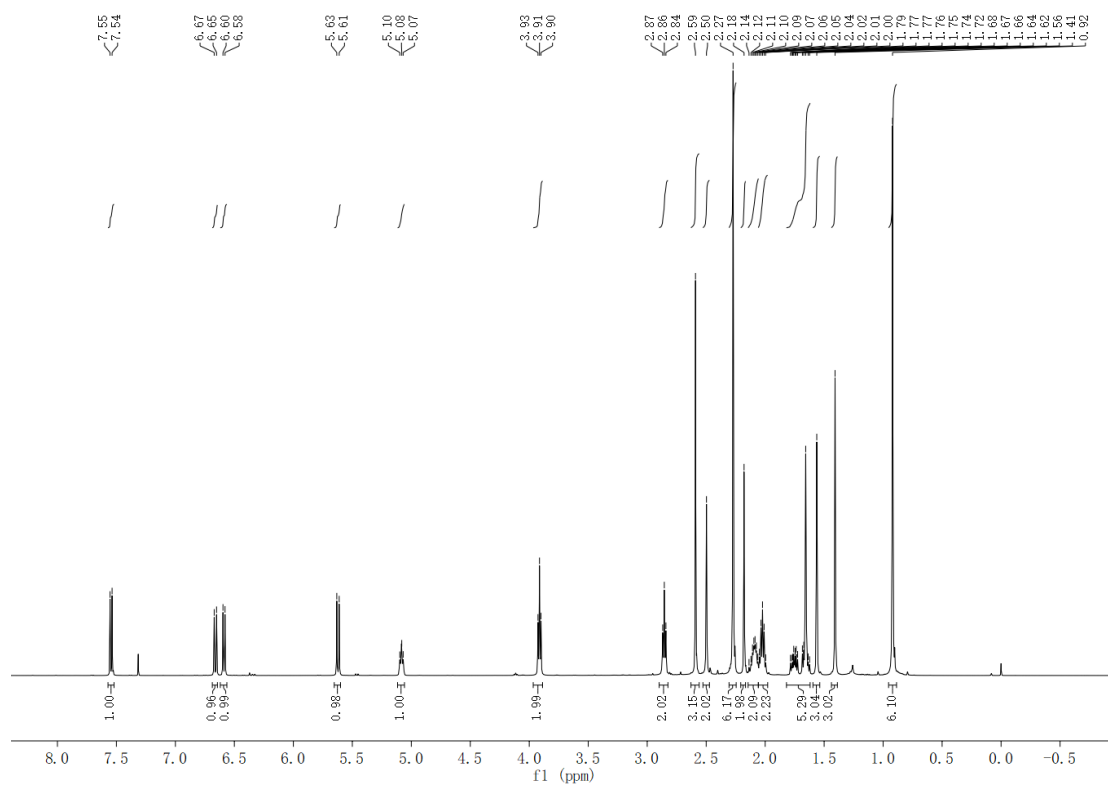
$^1\text{H}$  NMR spectrum of 5f



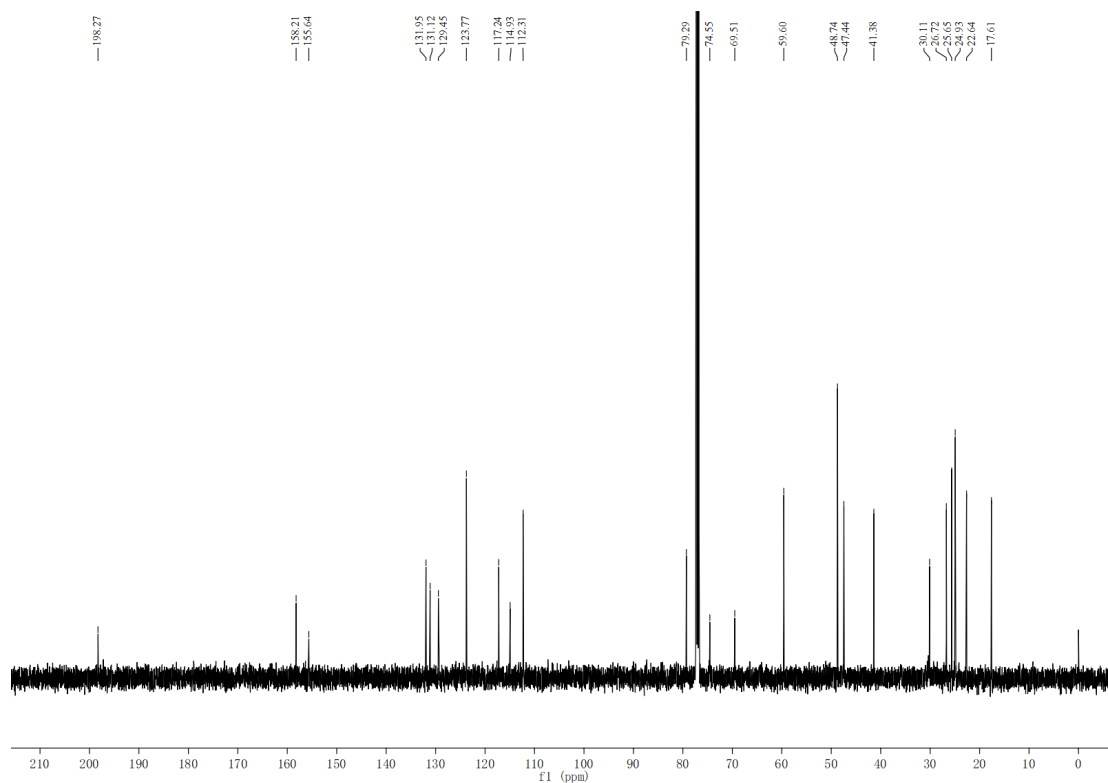
<sup>13</sup>C NMR spectrum of 5f



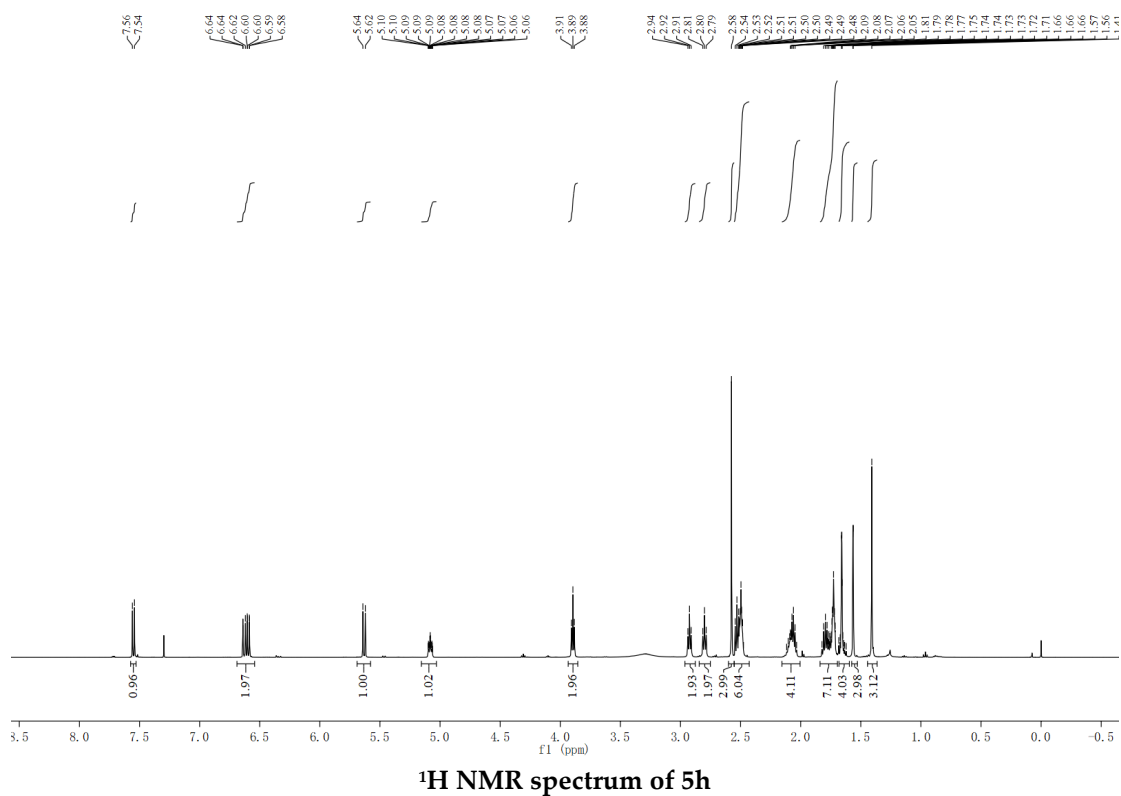
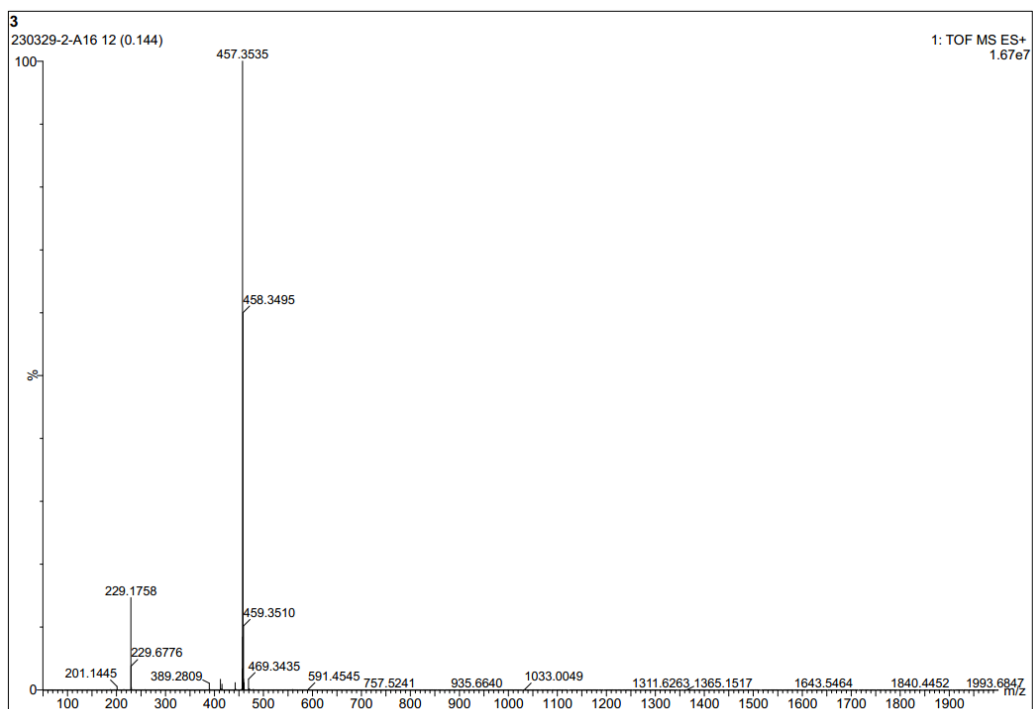
HRMS spectrum of 5f

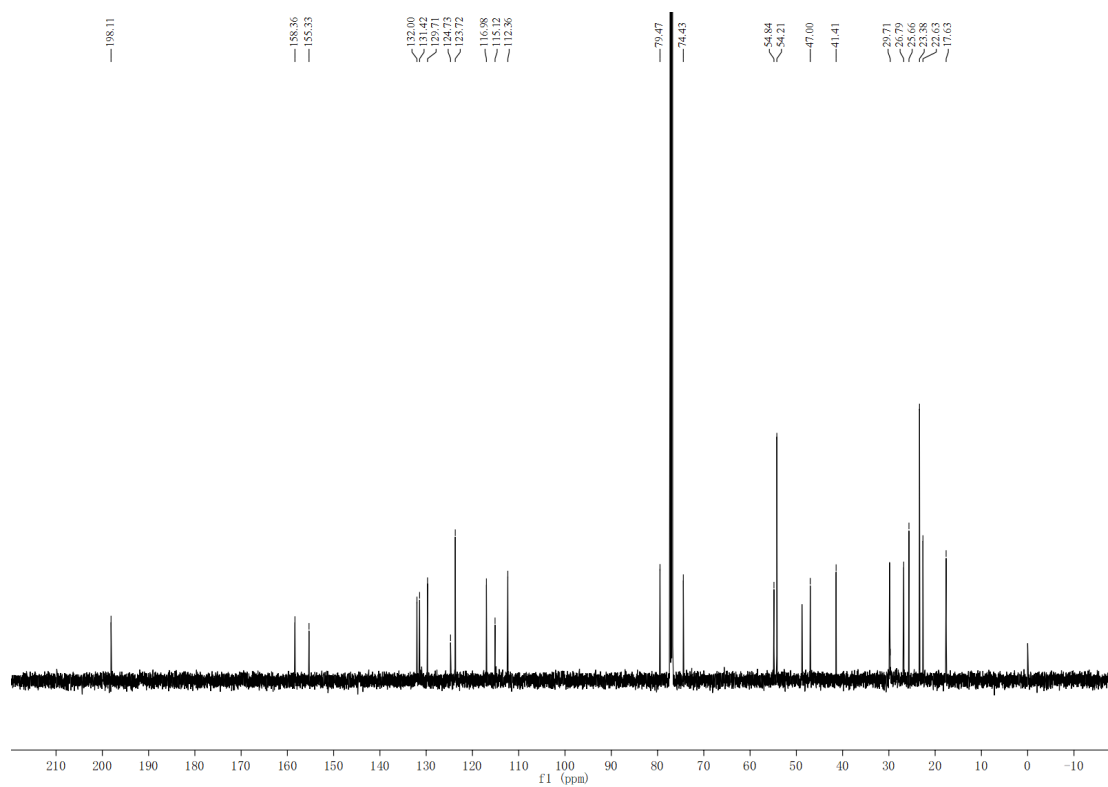


<sup>1</sup>H NMR spectrum of 5g

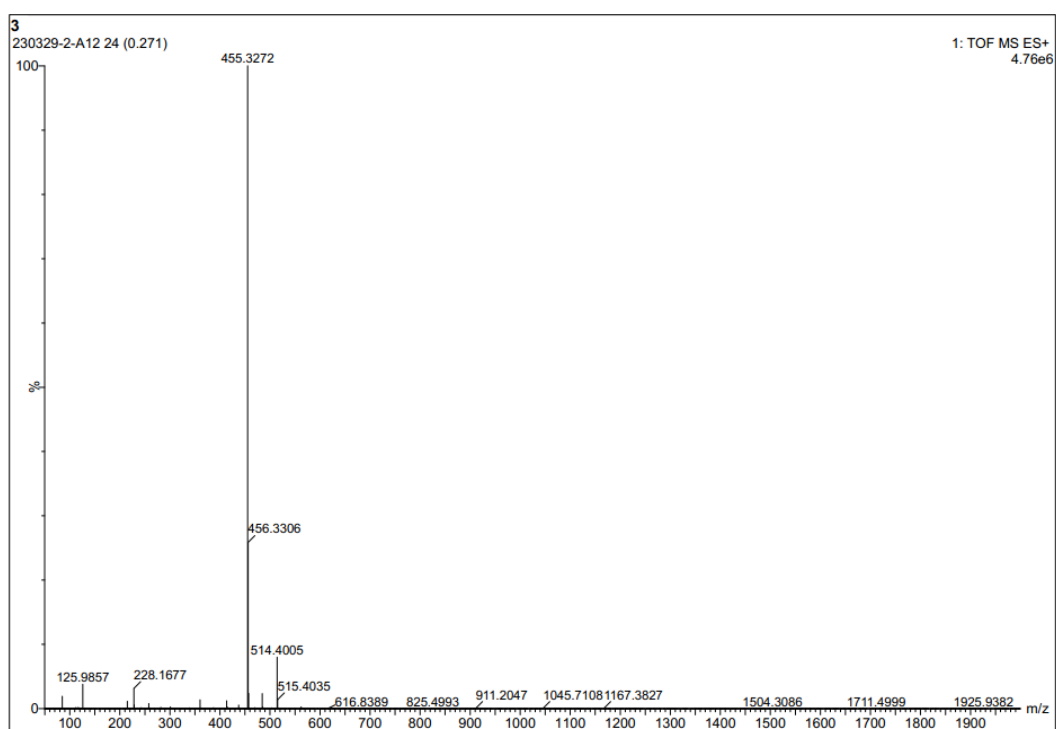


<sup>13</sup>C NMR spectrum of 5g

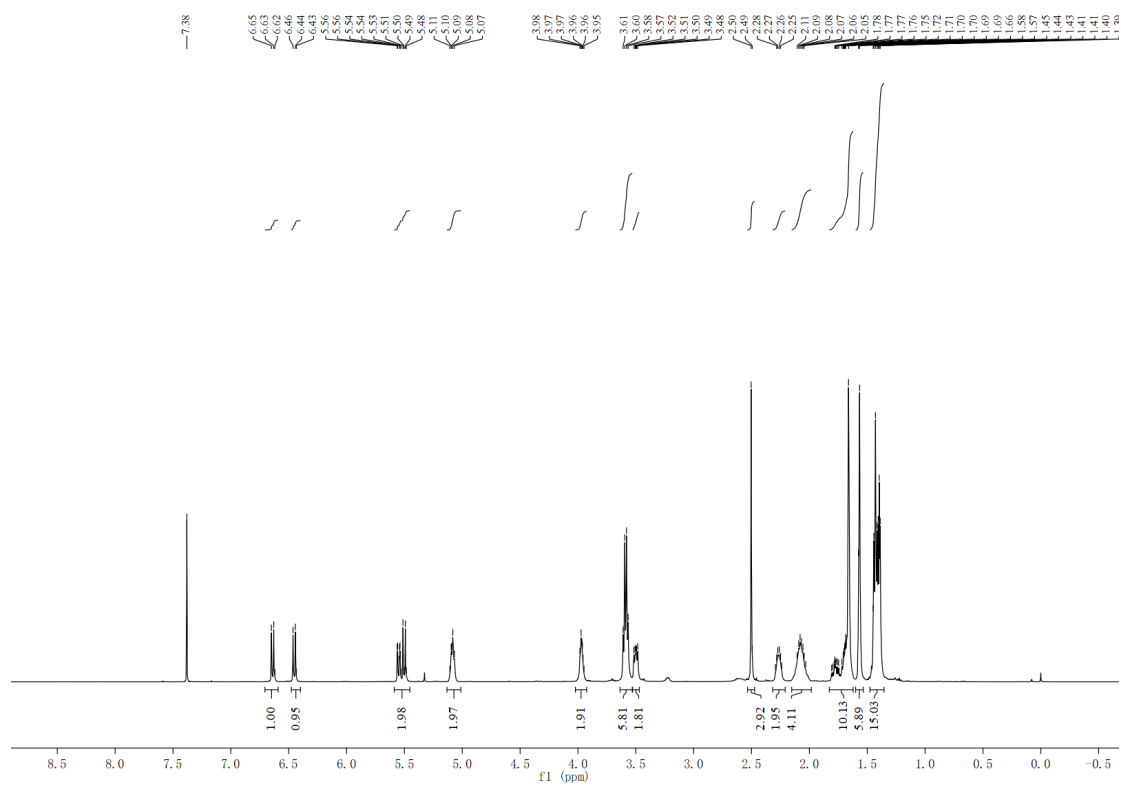




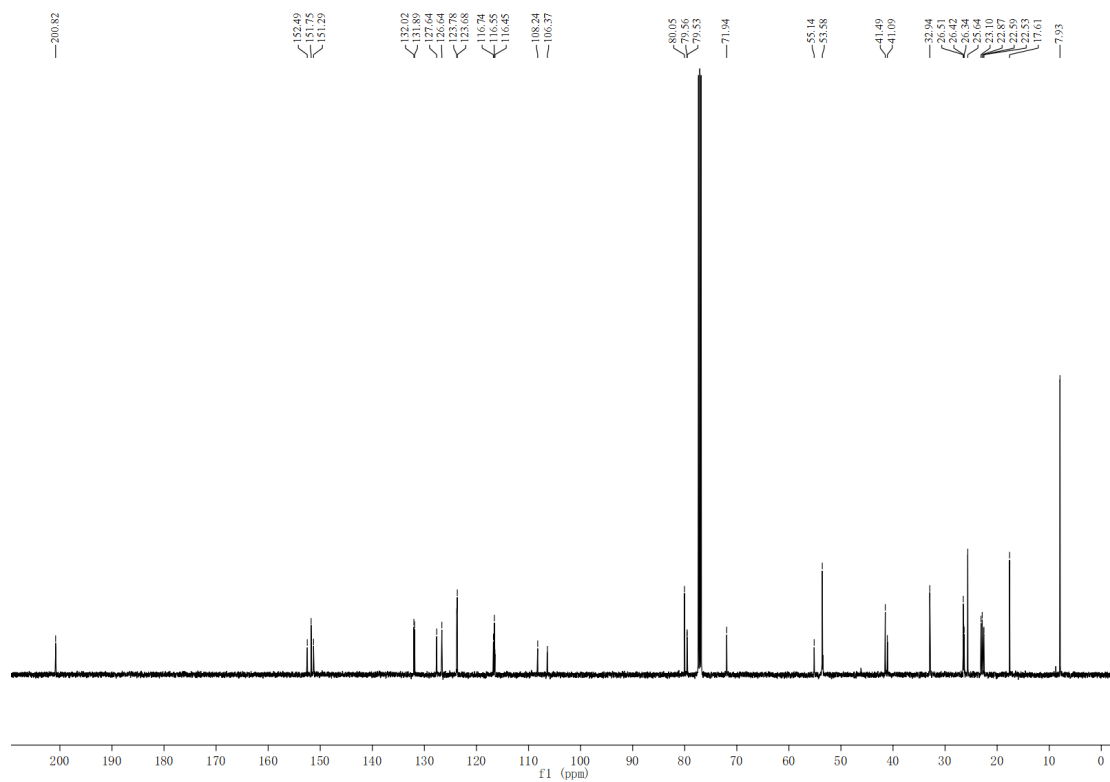
<sup>13</sup>C NMR spectrum of 5h



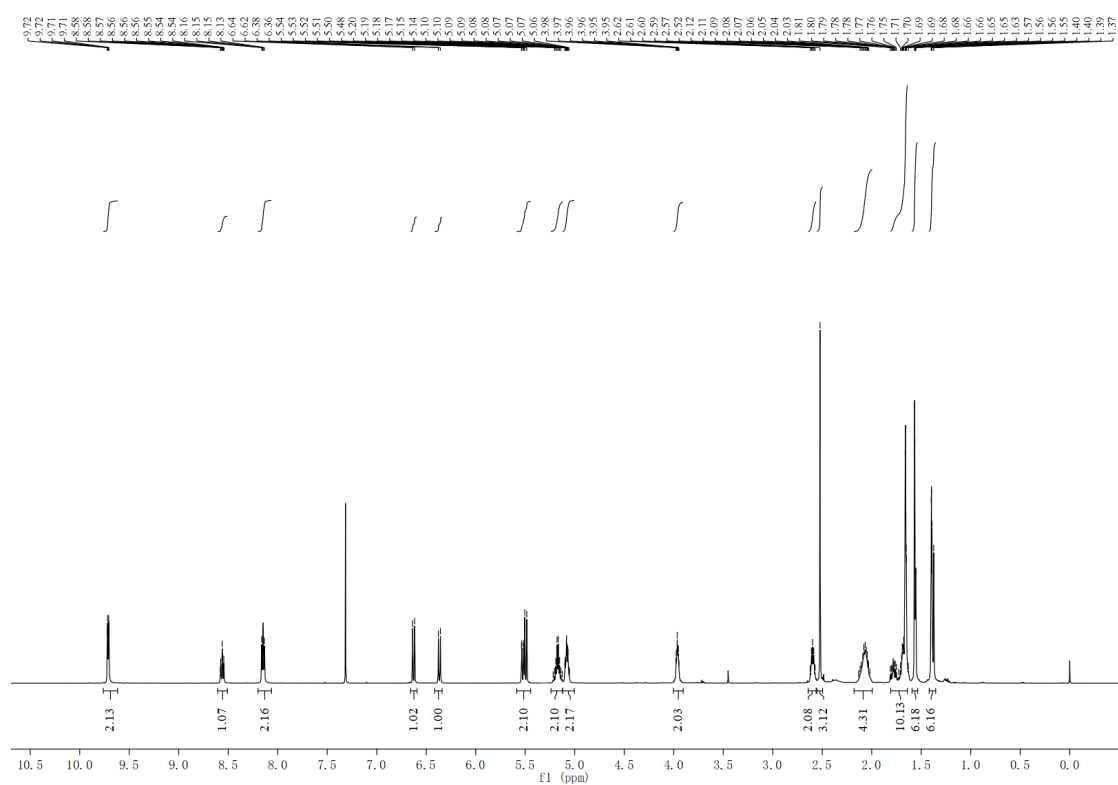
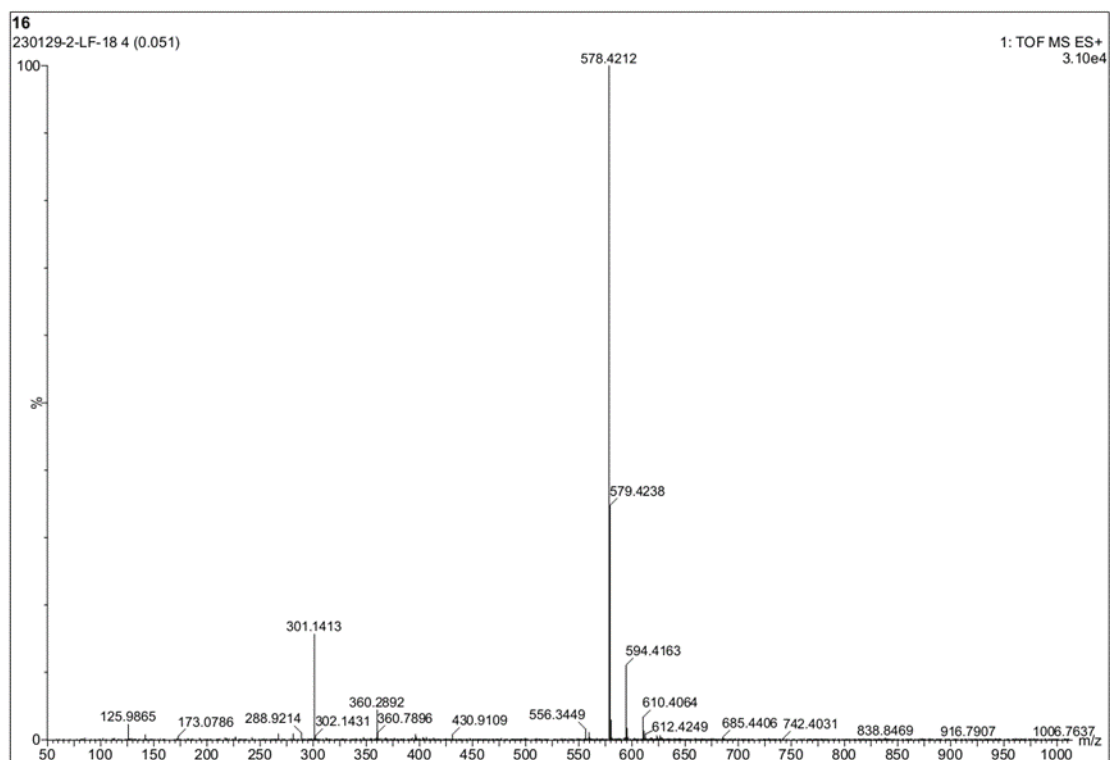
HRMS spectrum of 5h

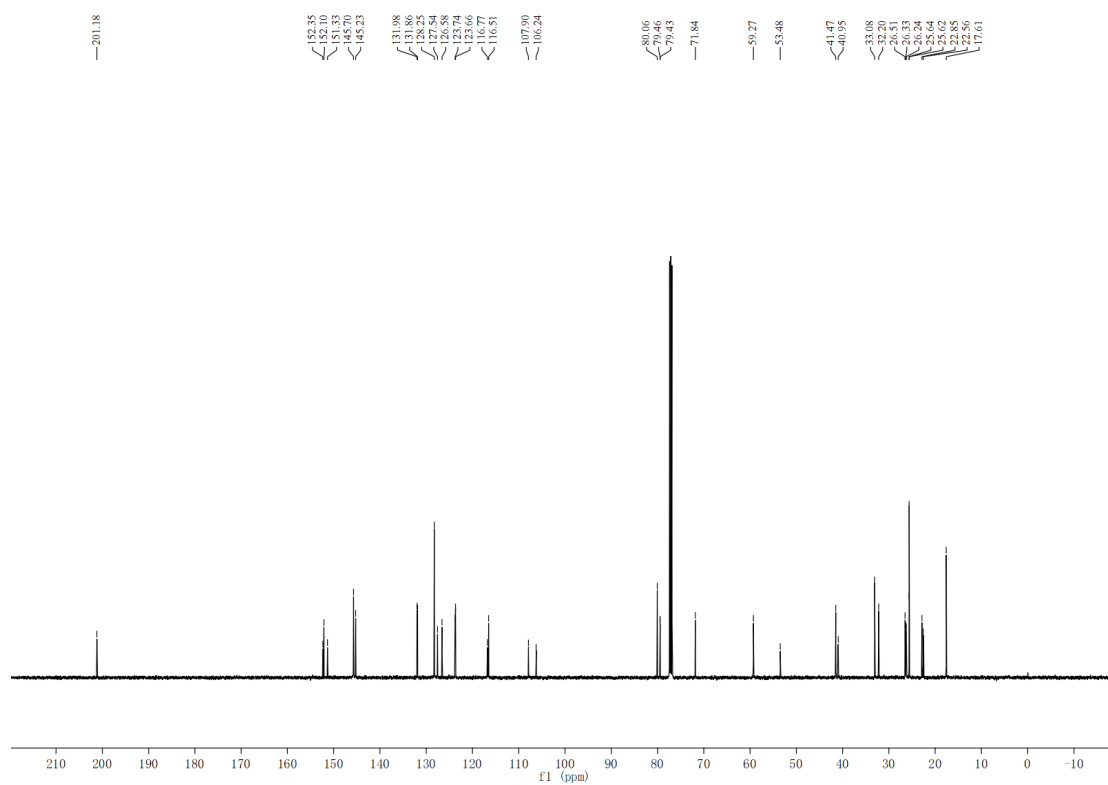


<sup>1</sup>H NMR spectrum of 9a

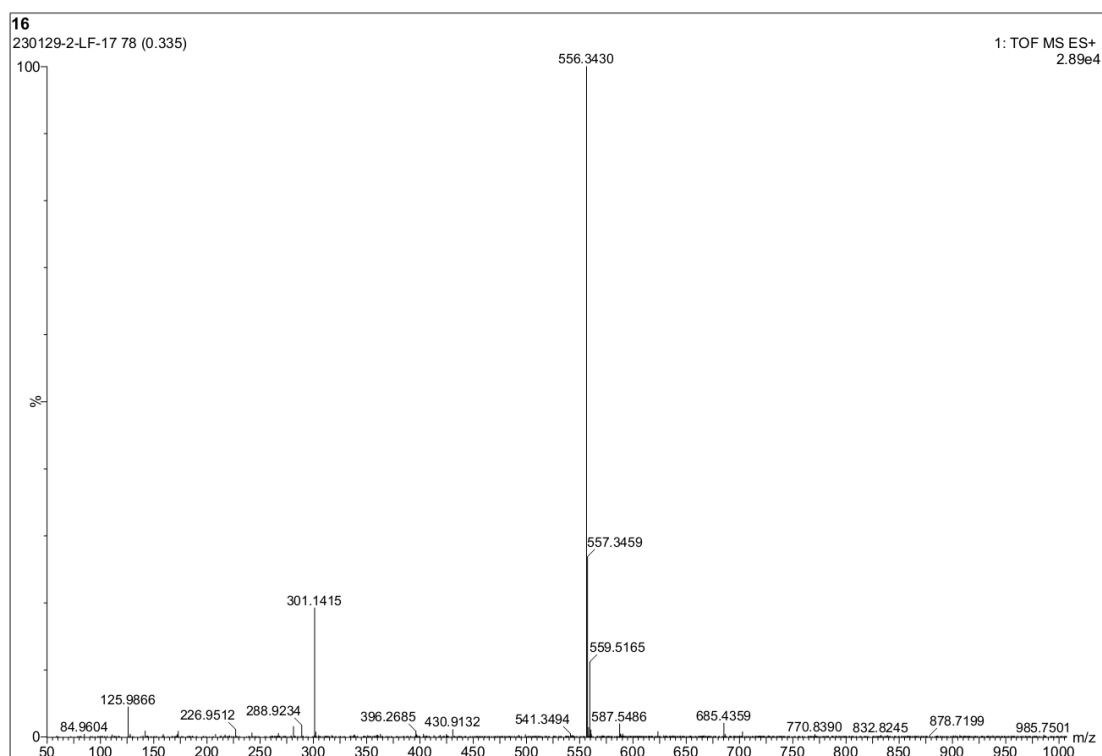


<sup>13</sup>C NMR spectrum of 9a



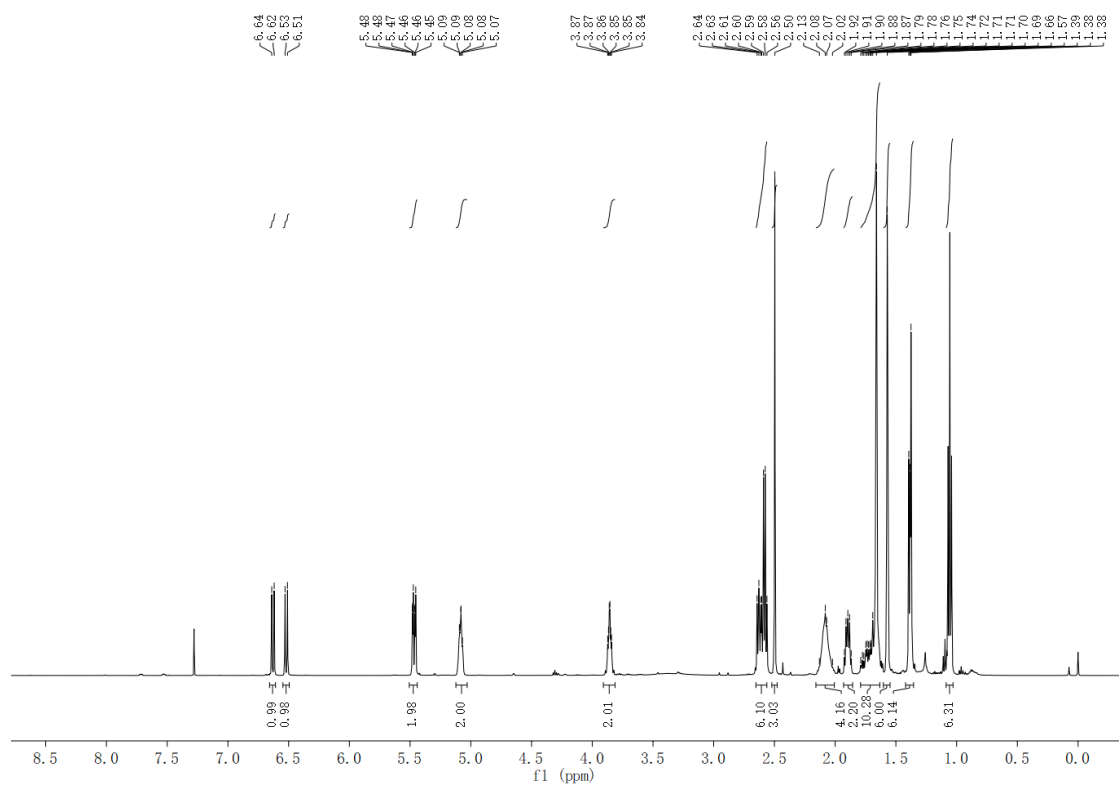


**$^{13}\text{C}$  NMR spectrum of 9b**

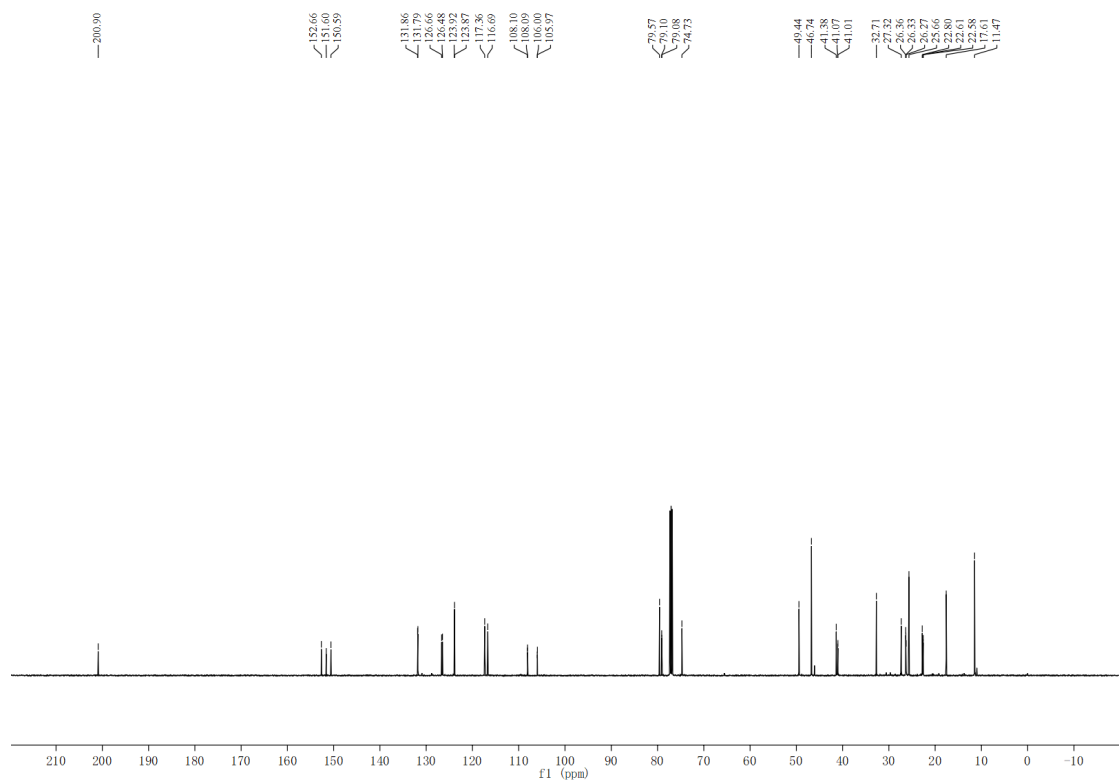


**HRMS spectrum of 9b**

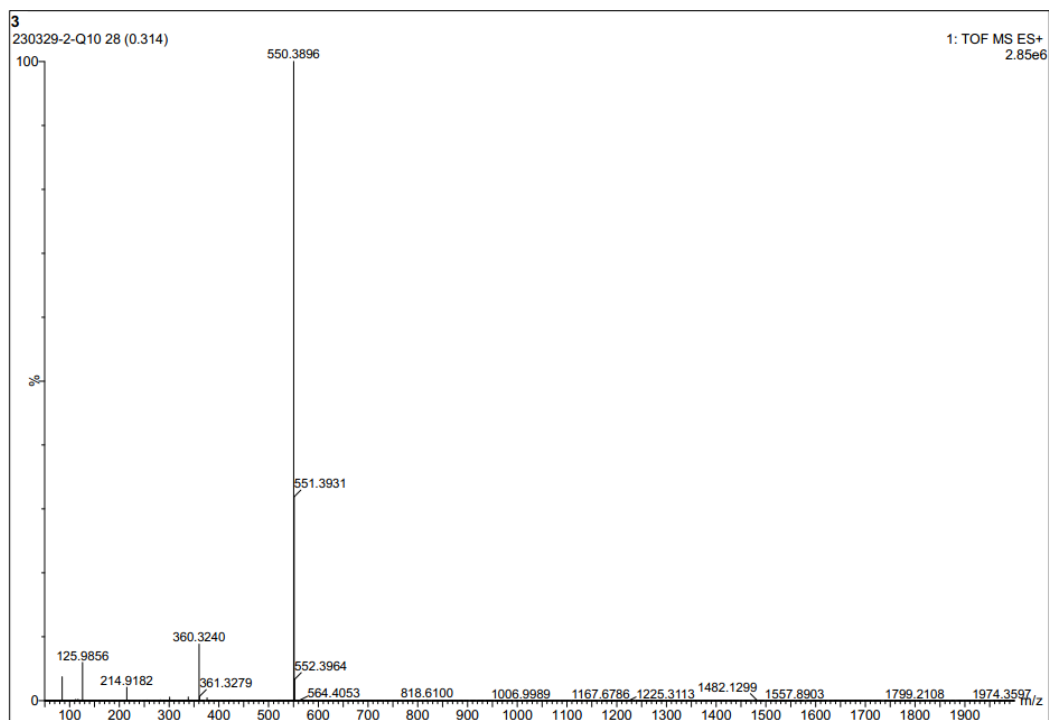




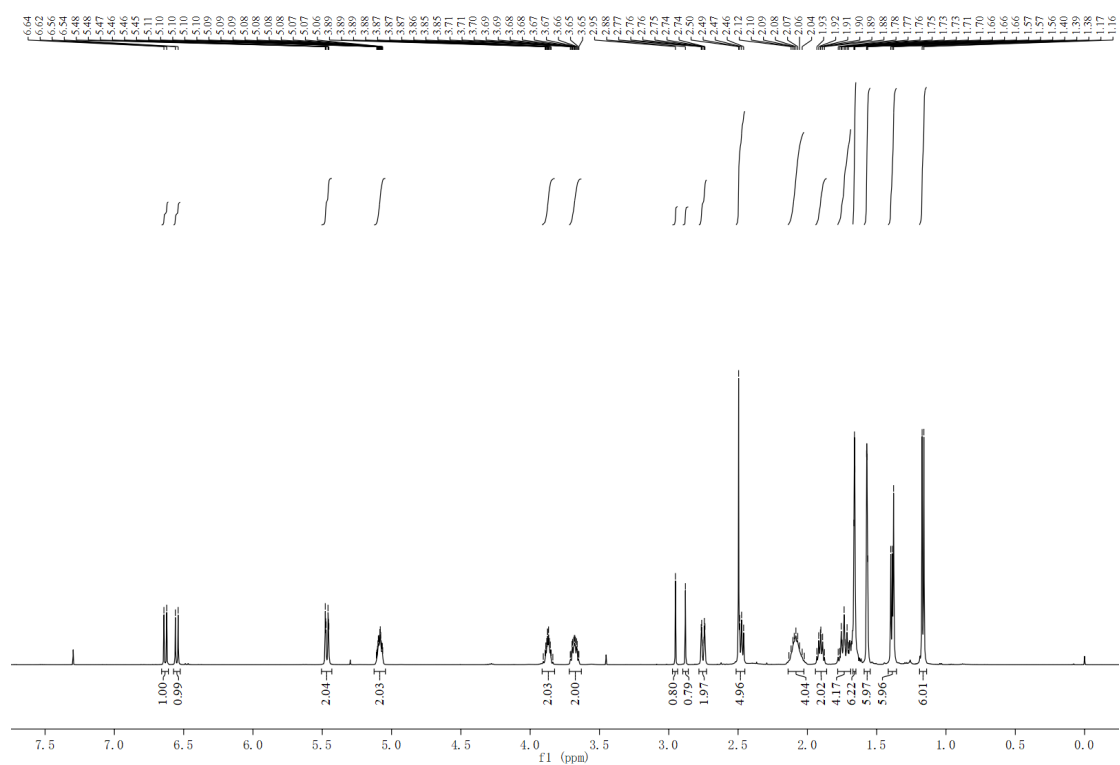
$^1\text{H}$  NMR spectrum of 9c



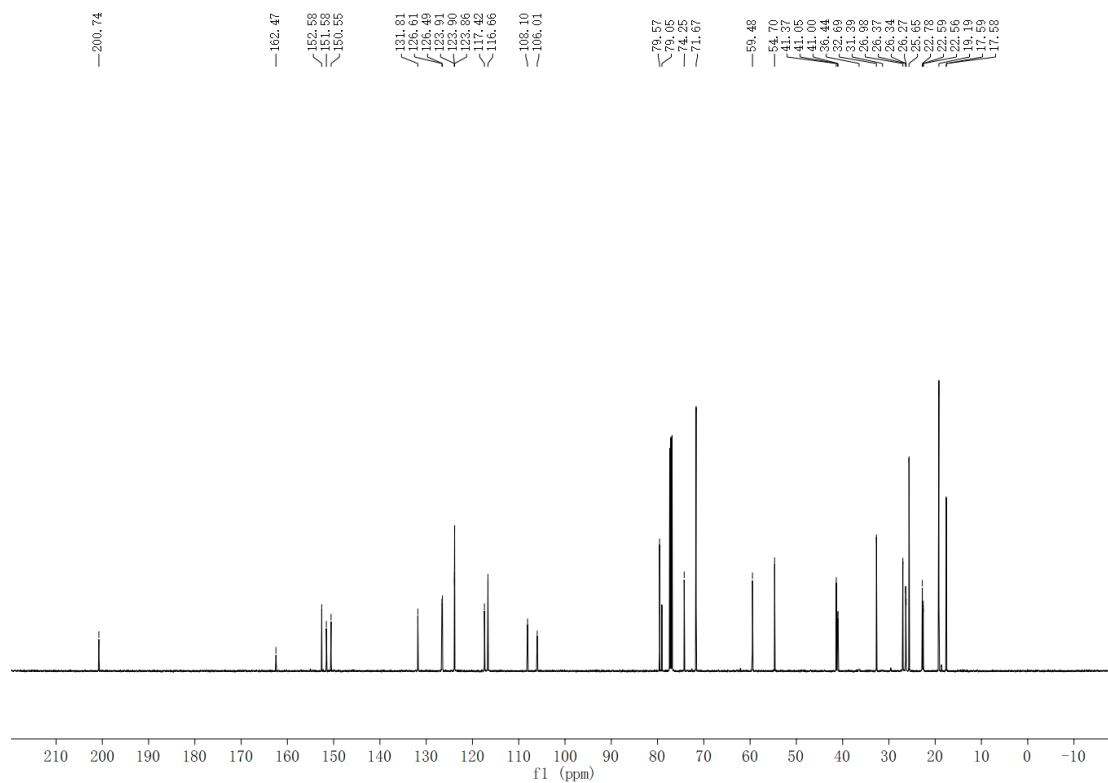
$^{13}\text{C}$  NMR spectrum of 9c



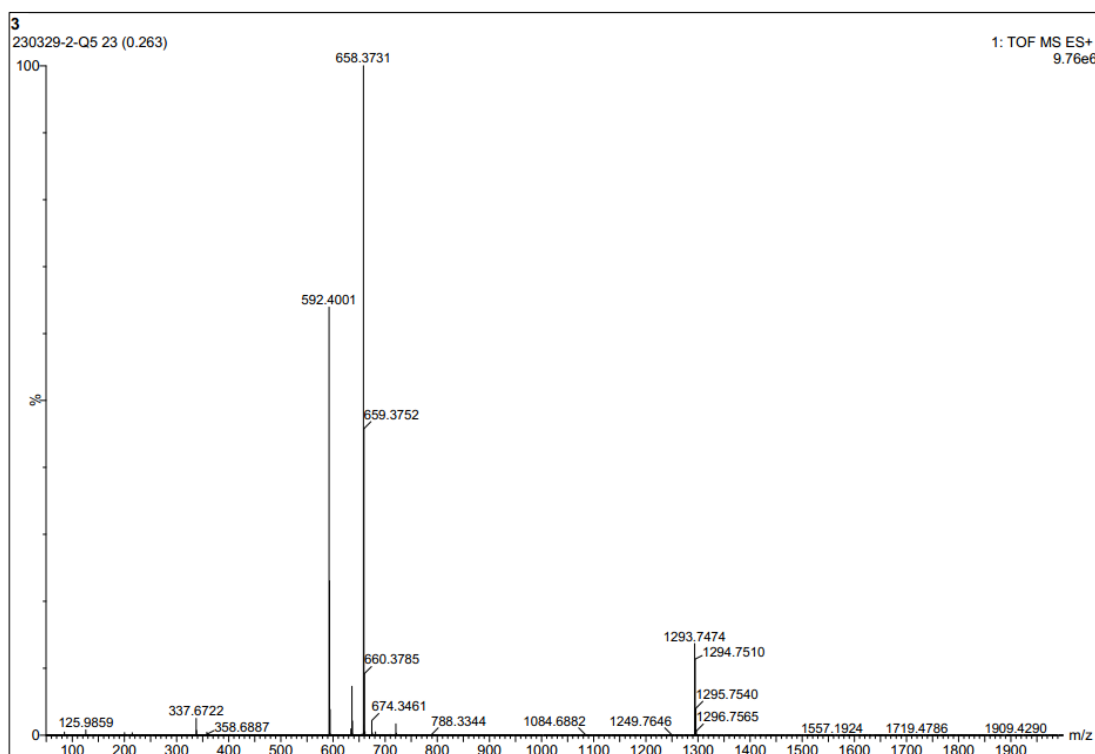
HRMS spectrum of 9c



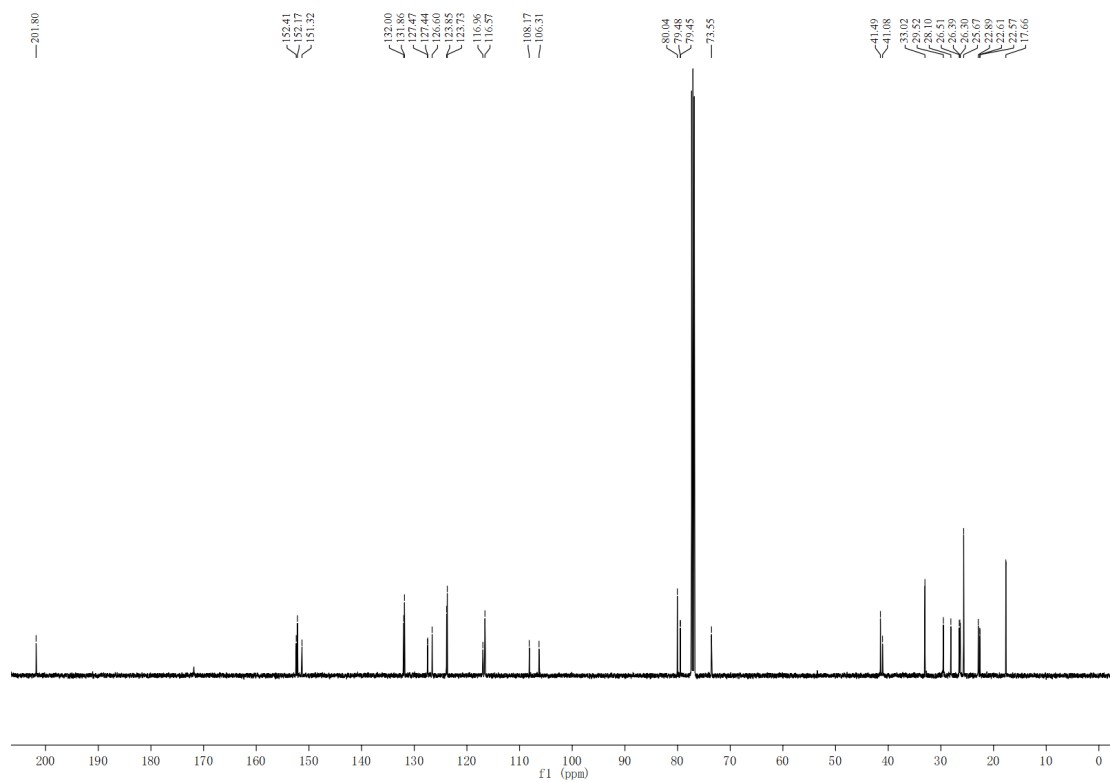
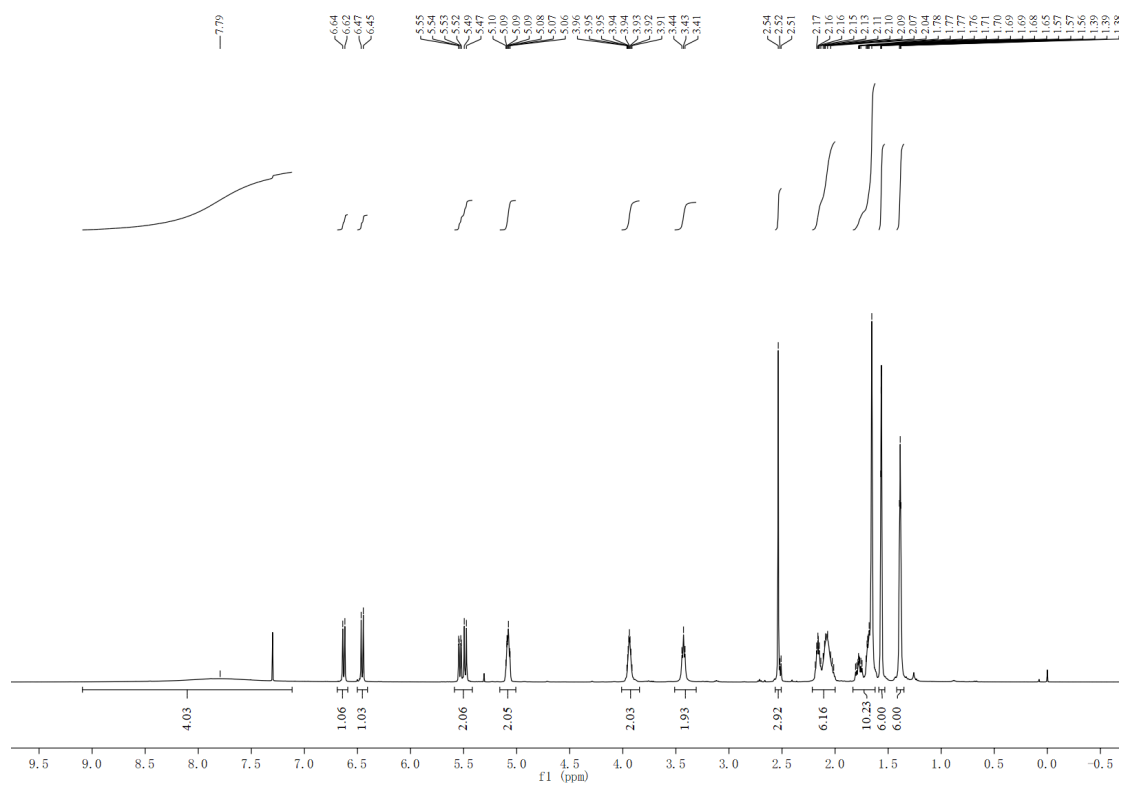
$^1\text{H}$  NMR spectrum of 9d

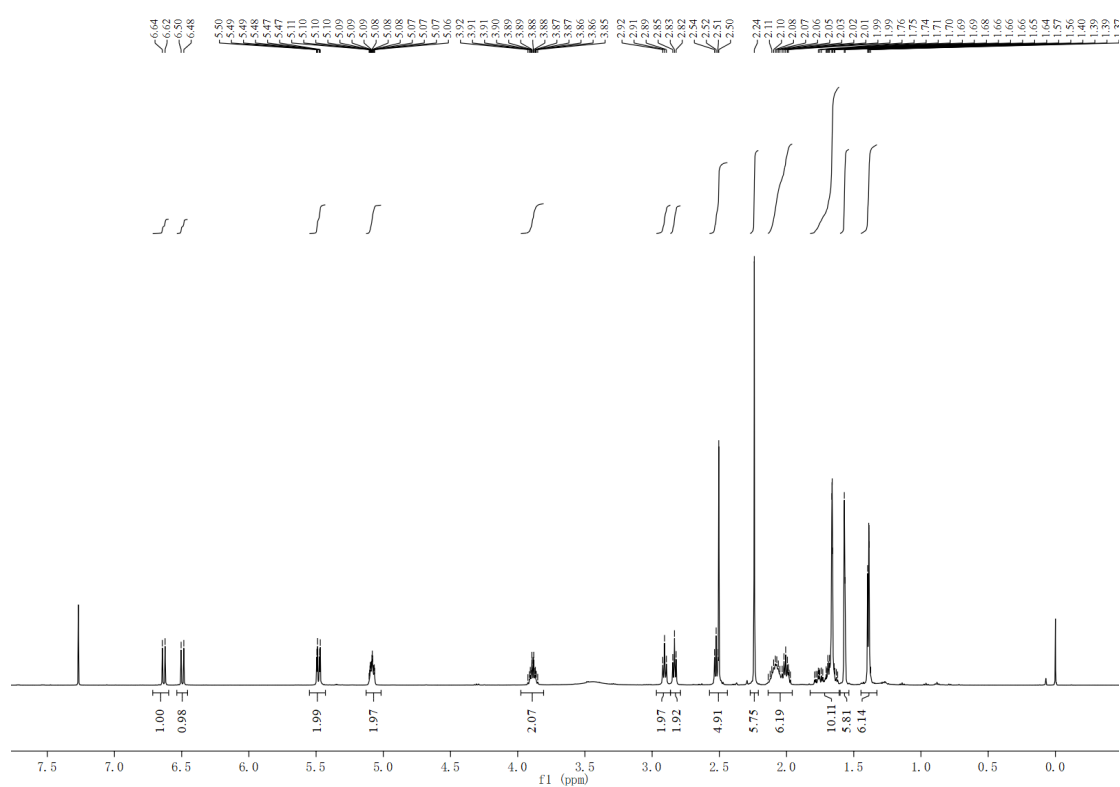
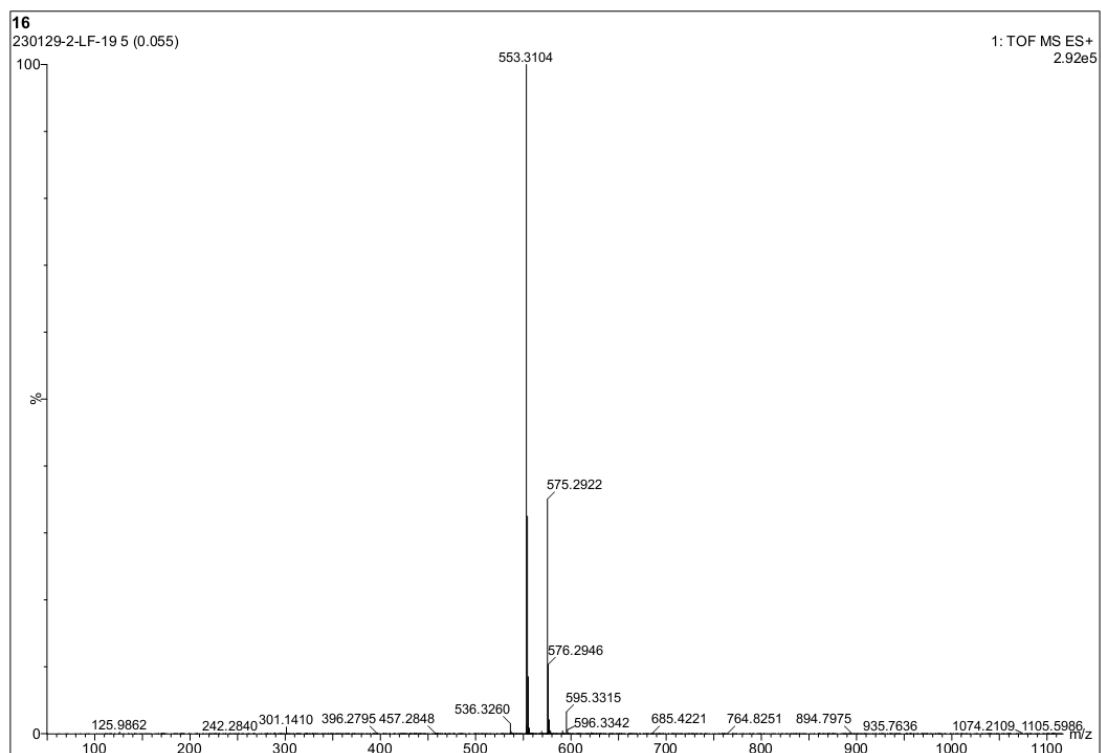


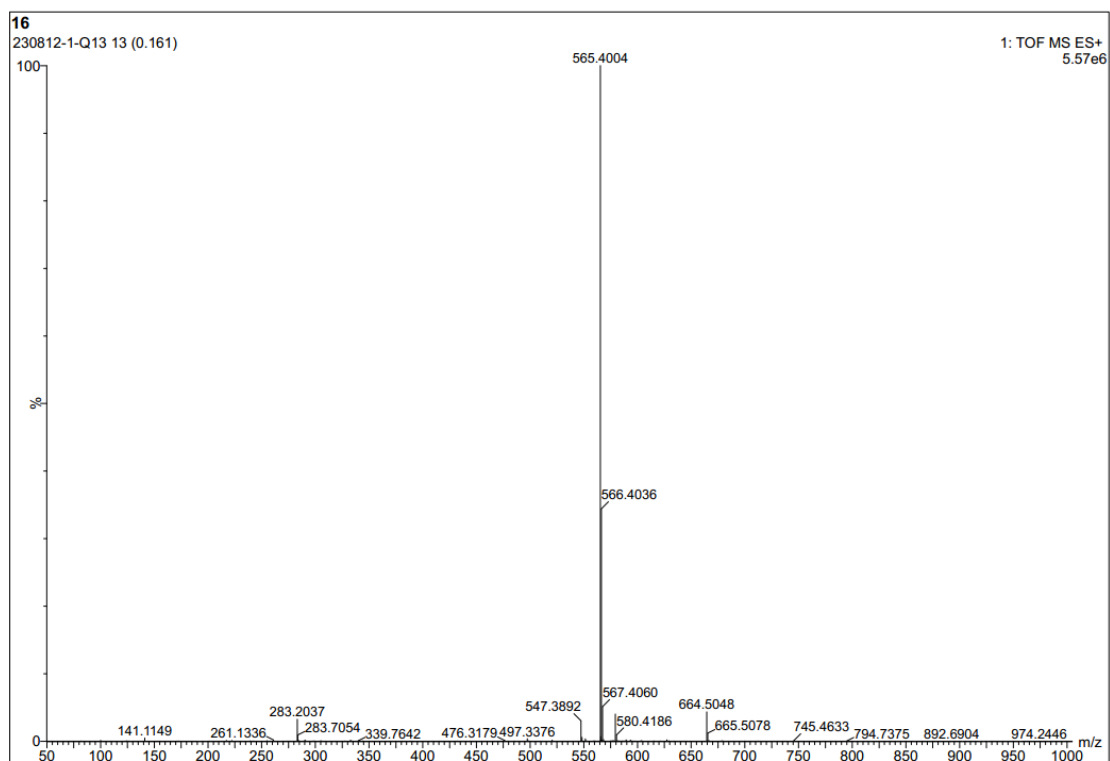
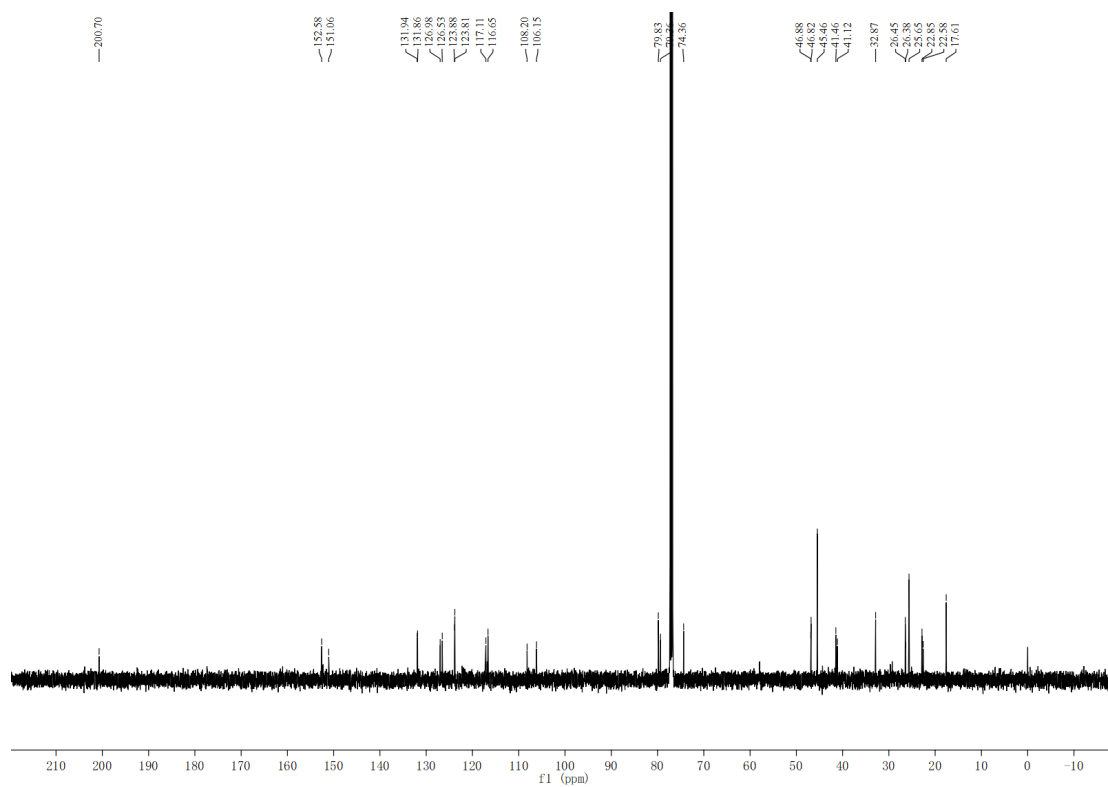
**<sup>13</sup>C NMR spectrum of 9d**

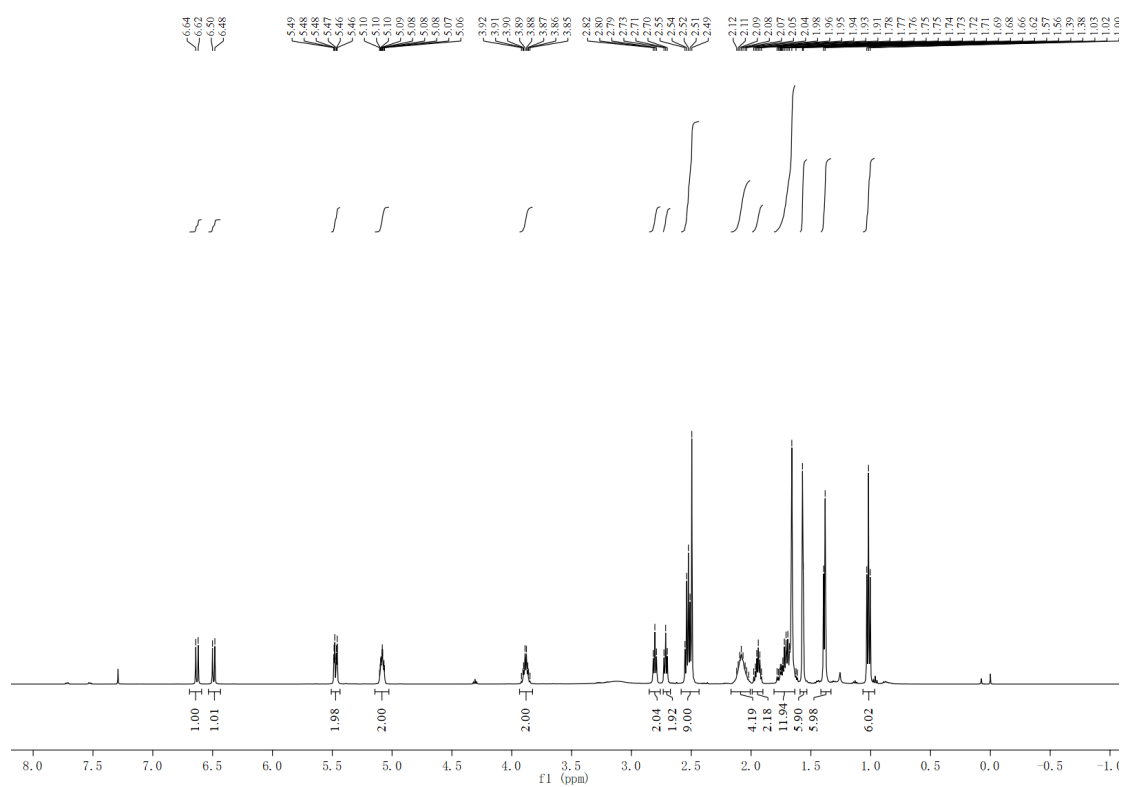


**HRMS spectrum of 9d**

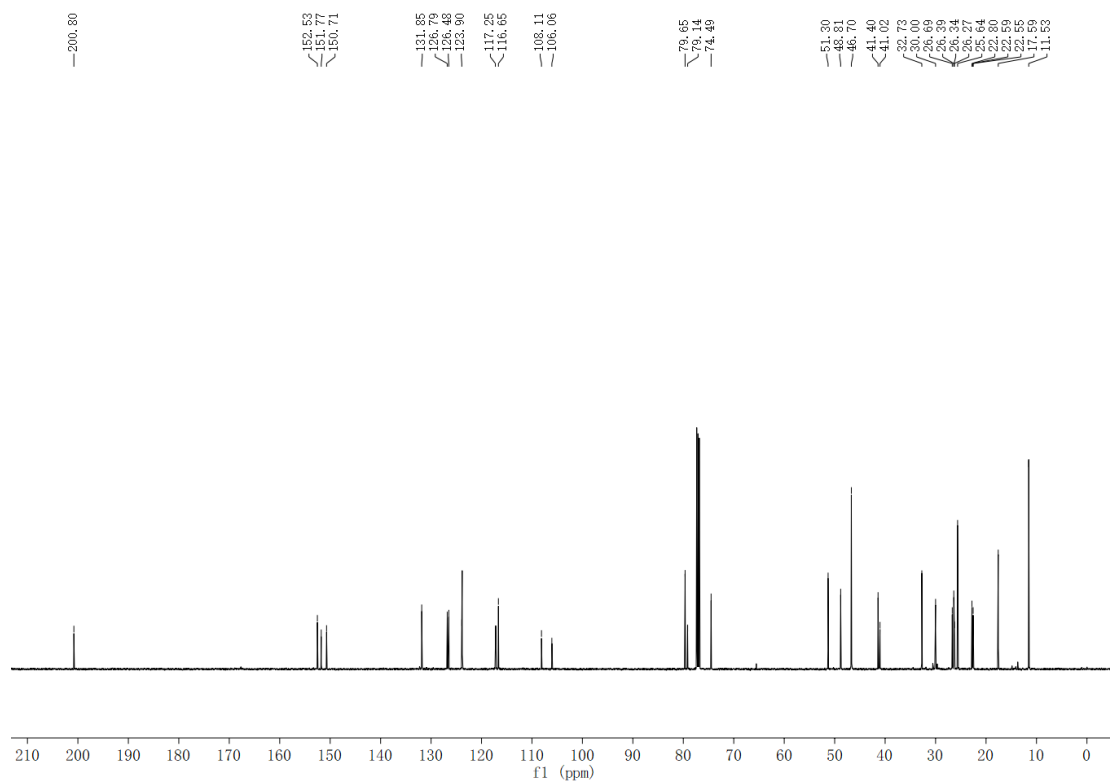




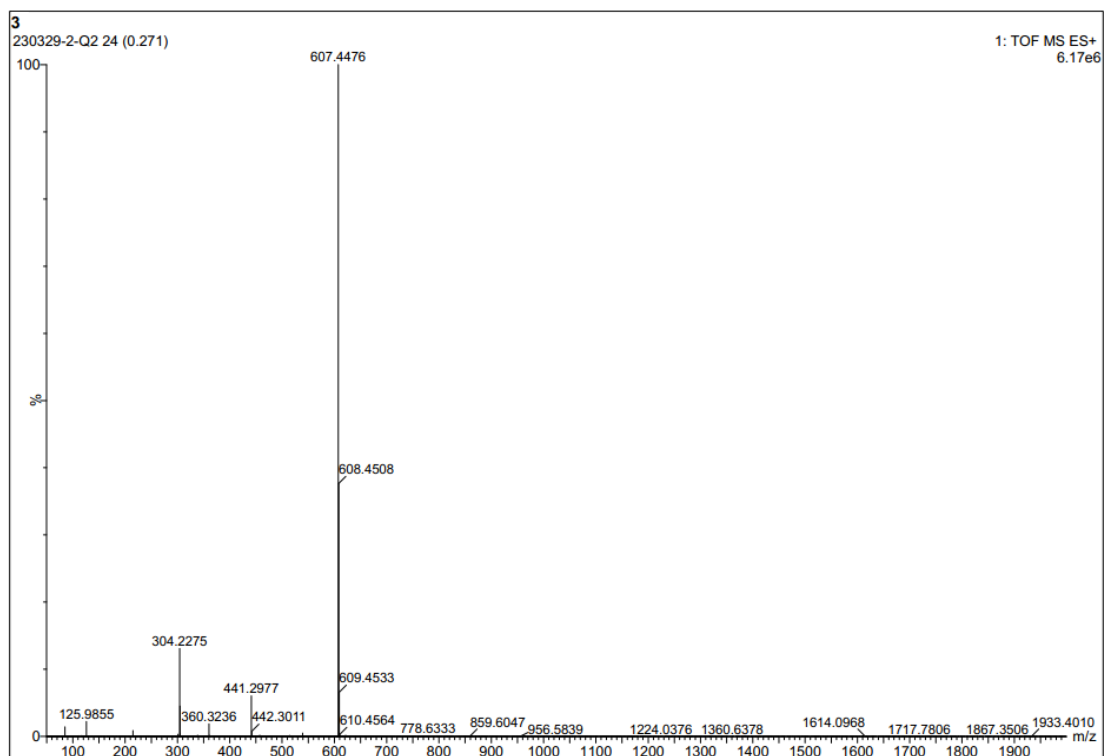




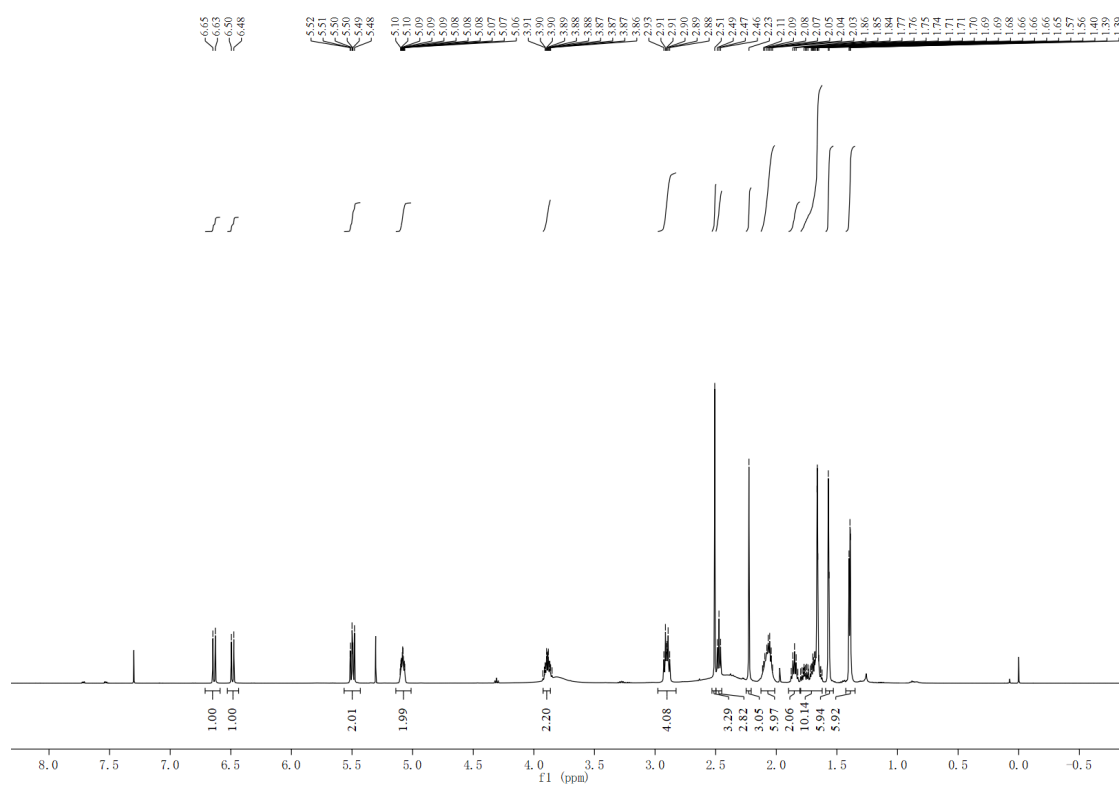
<sup>1</sup>H NMR spectrum of 9g



<sup>13</sup>C NMR spectrum of 9g

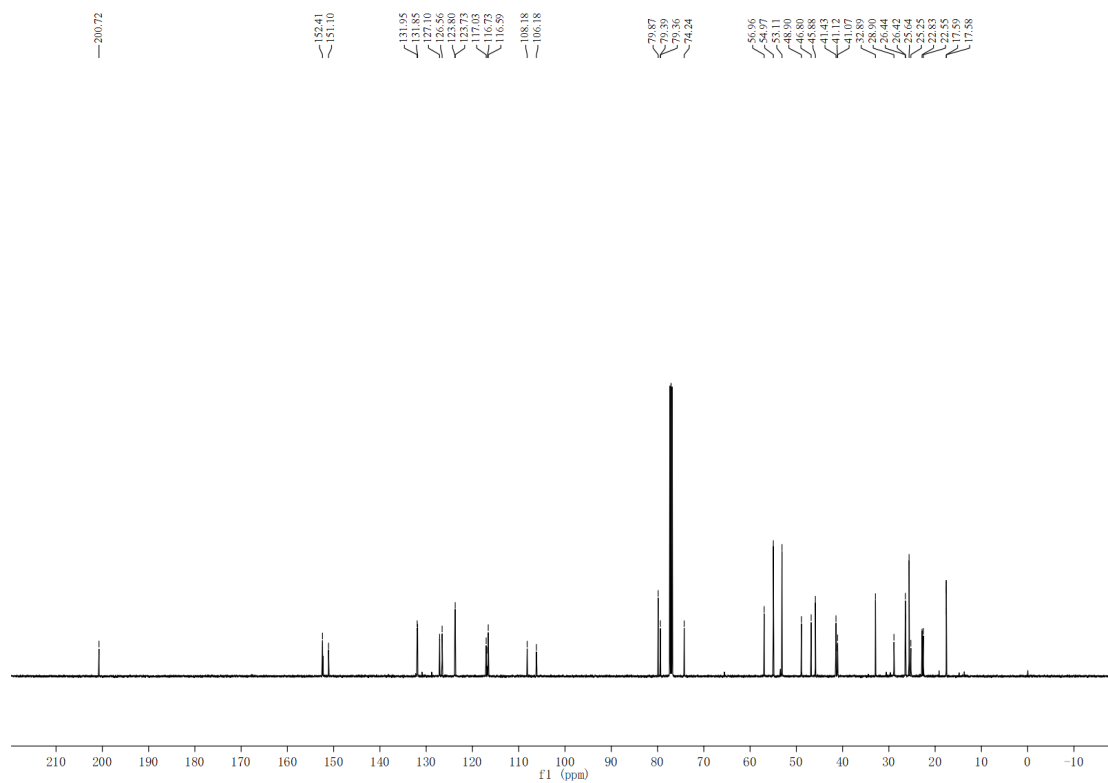


HRMS spectrum of 9g

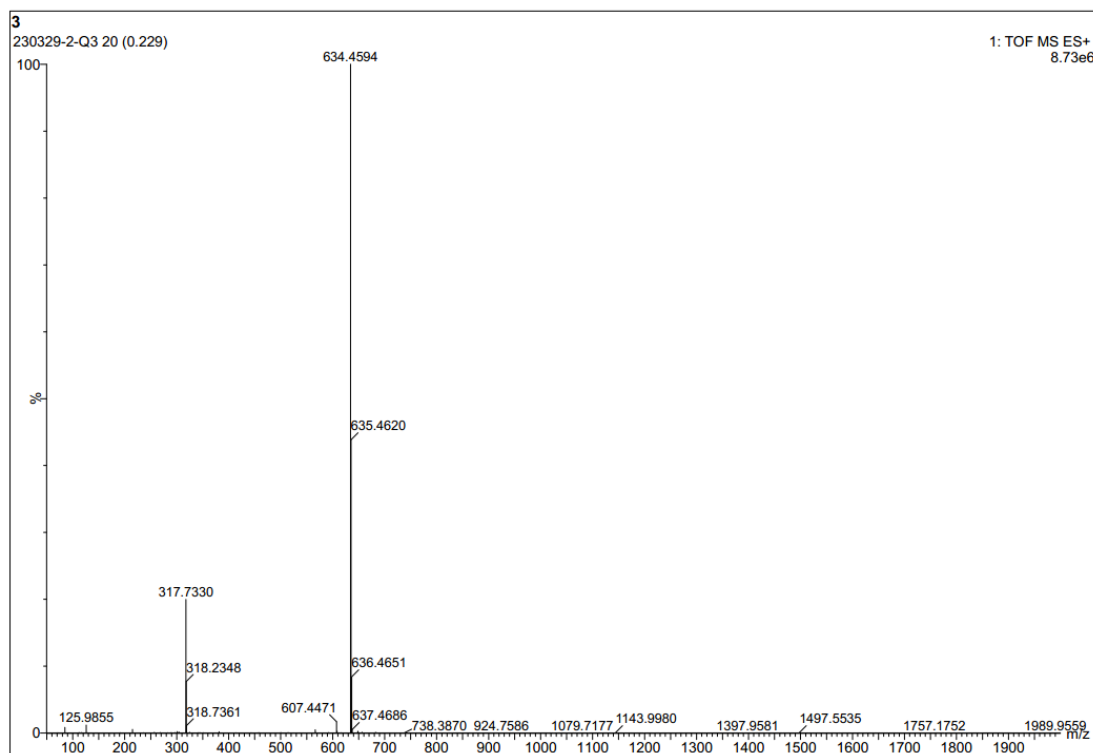


$^1\text{H}$  NMR spectrum of 9h





**$^{13}\text{C}$  NMR spectrum of 9h**



**HRMS spectrum of 9h**