

# Supplementary Materials

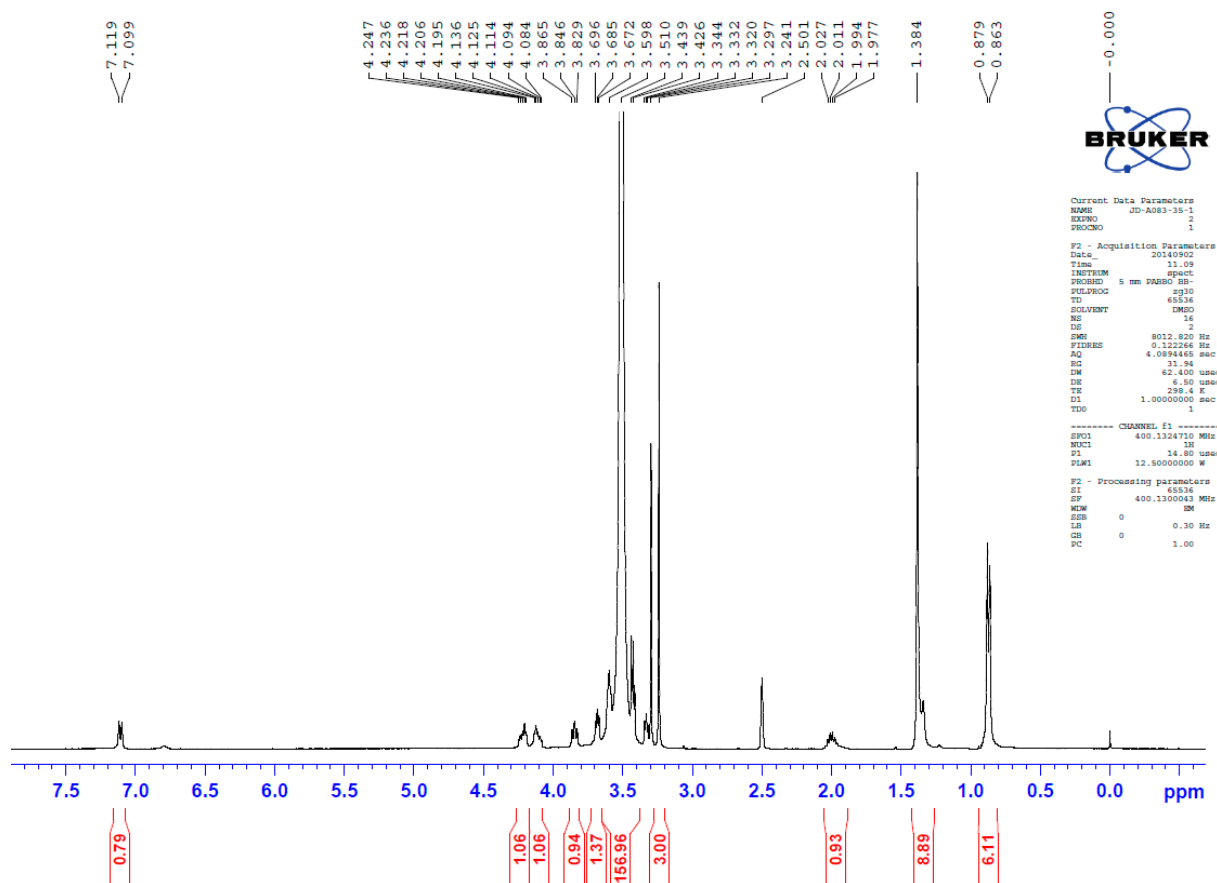


Figure S1. <sup>1</sup>H-NMR of compound 1a.

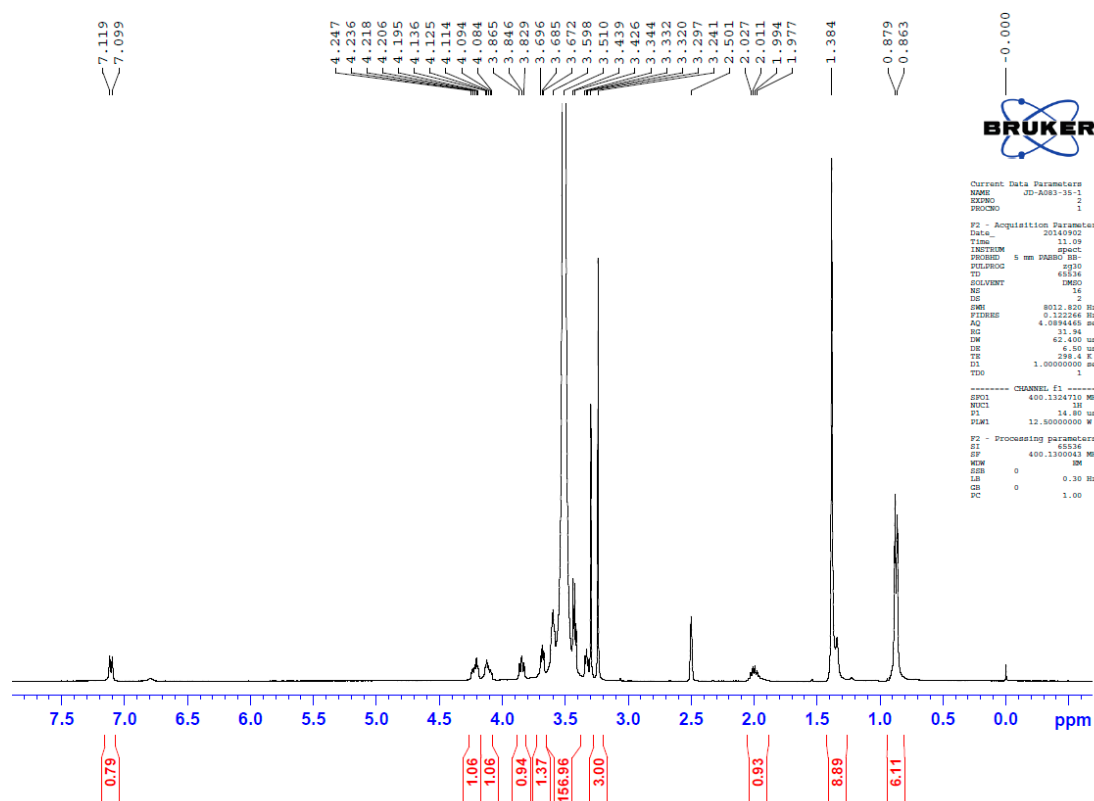
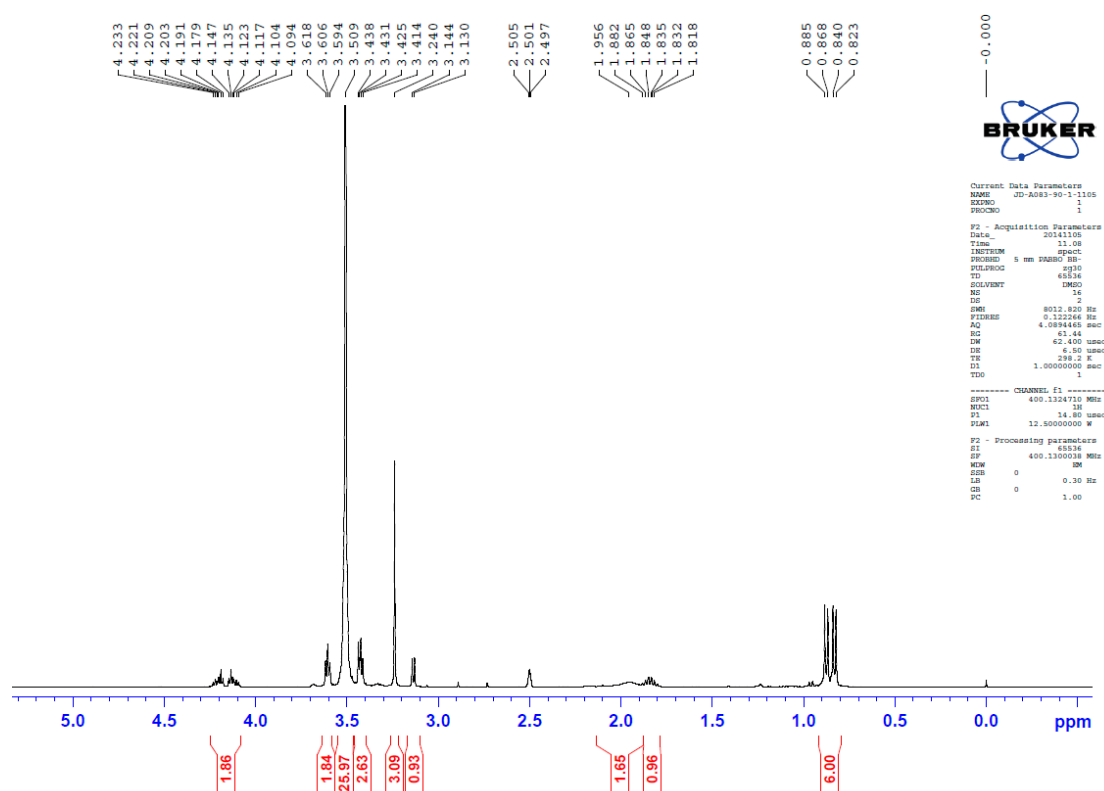
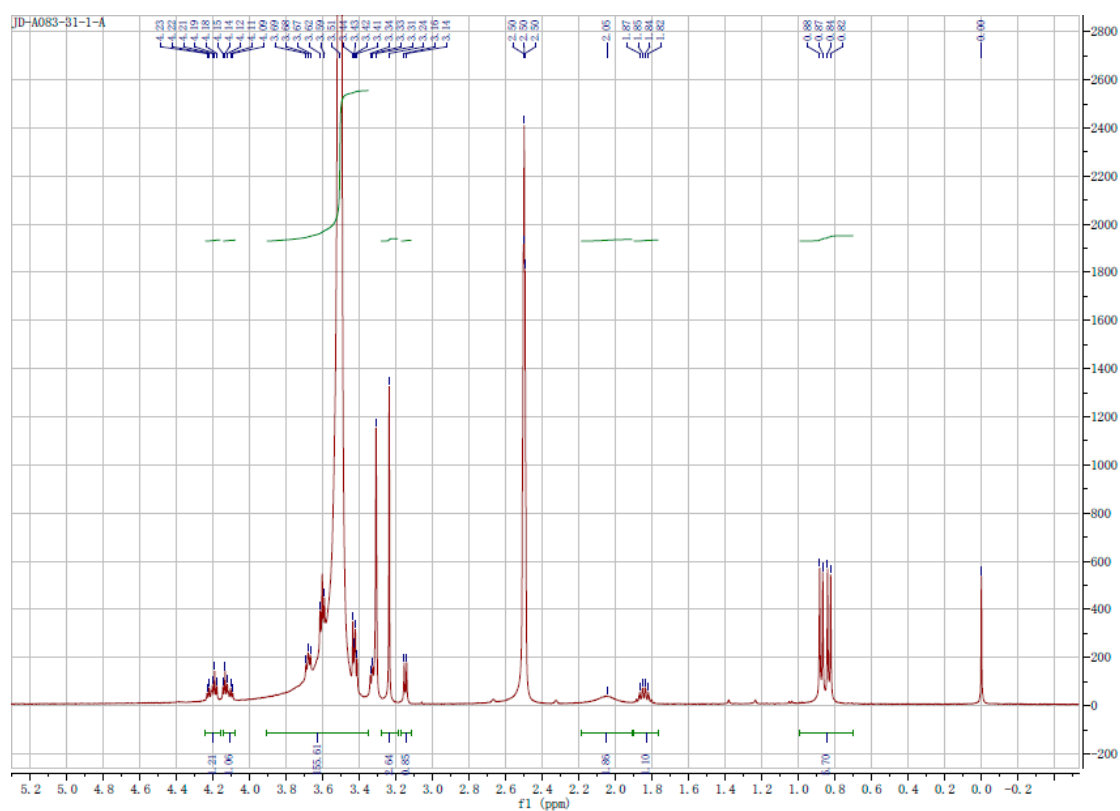
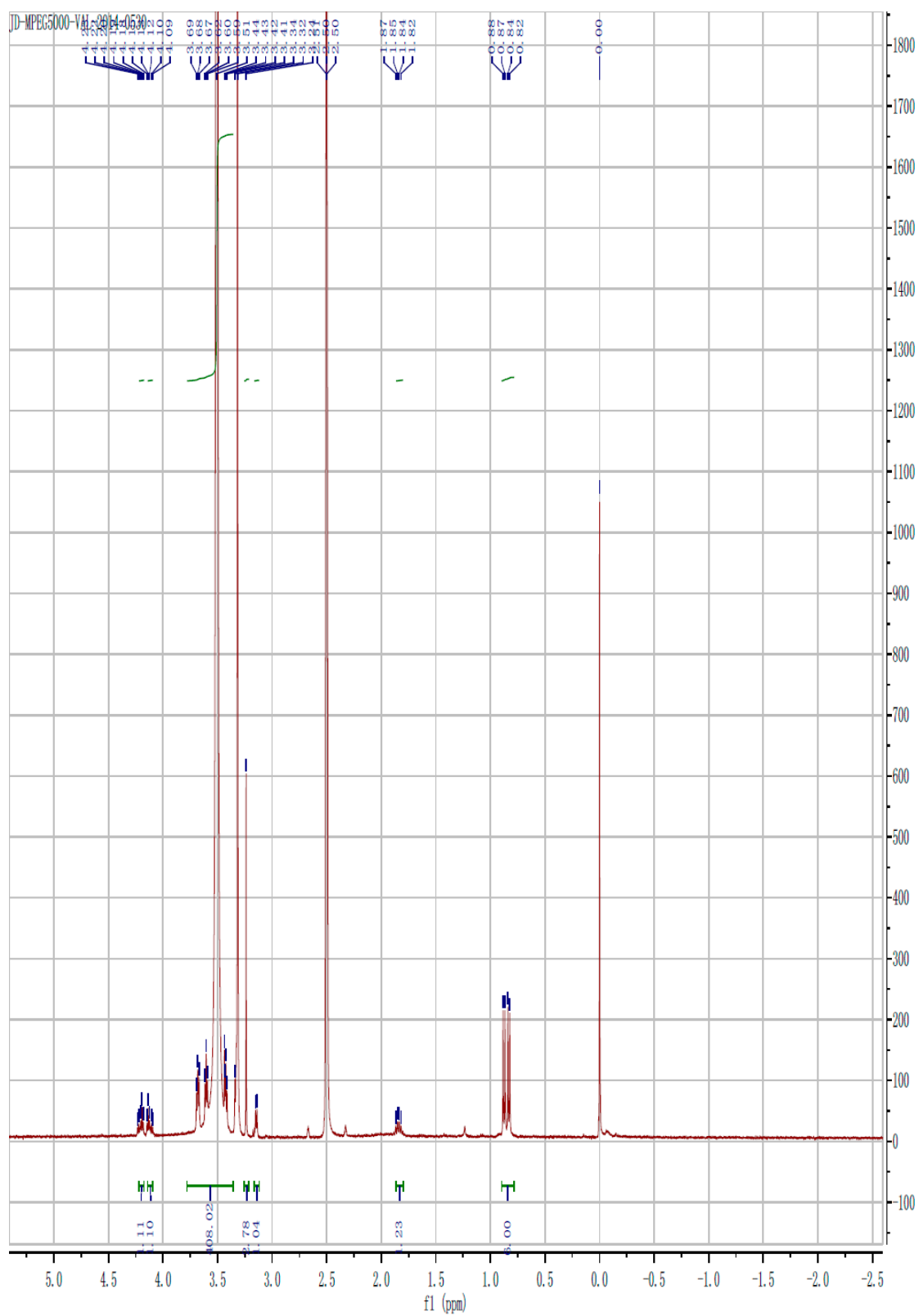


Figure S2. <sup>1</sup>H-NMR of compound 2b.

Figure S3.  $^1\text{H}$ -NMR of compound 3a.Figure S4.  $^1\text{H}$ -NMR of compound 3b.



**Figure S5.**  $^1\text{H}$ -NMR of compound **3c**.

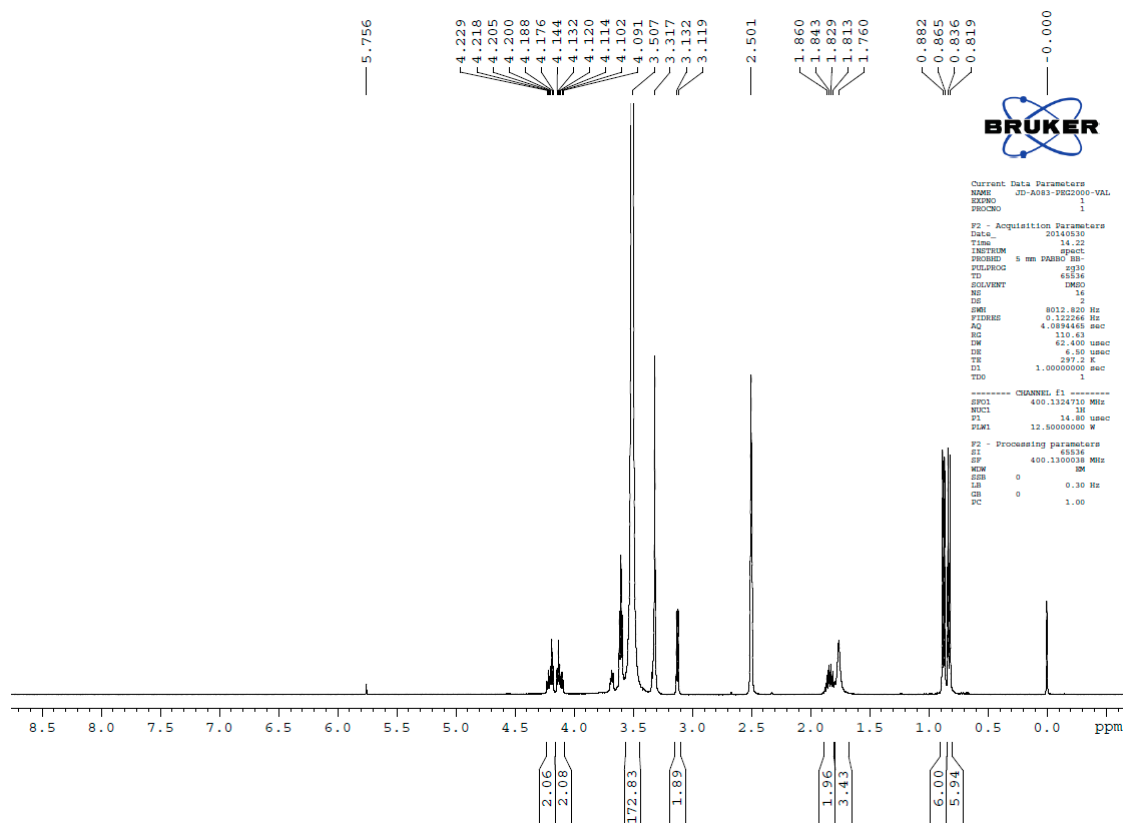
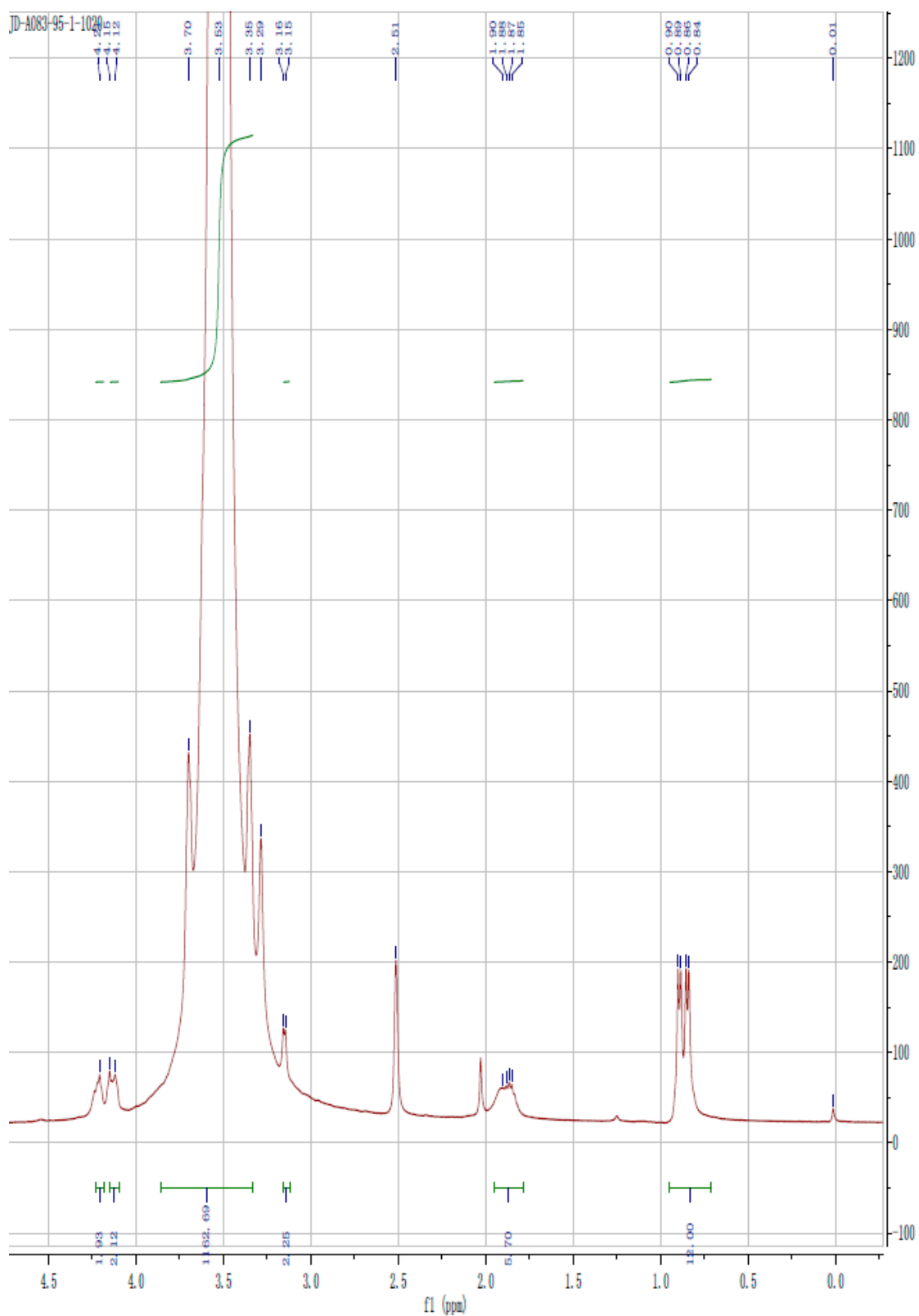
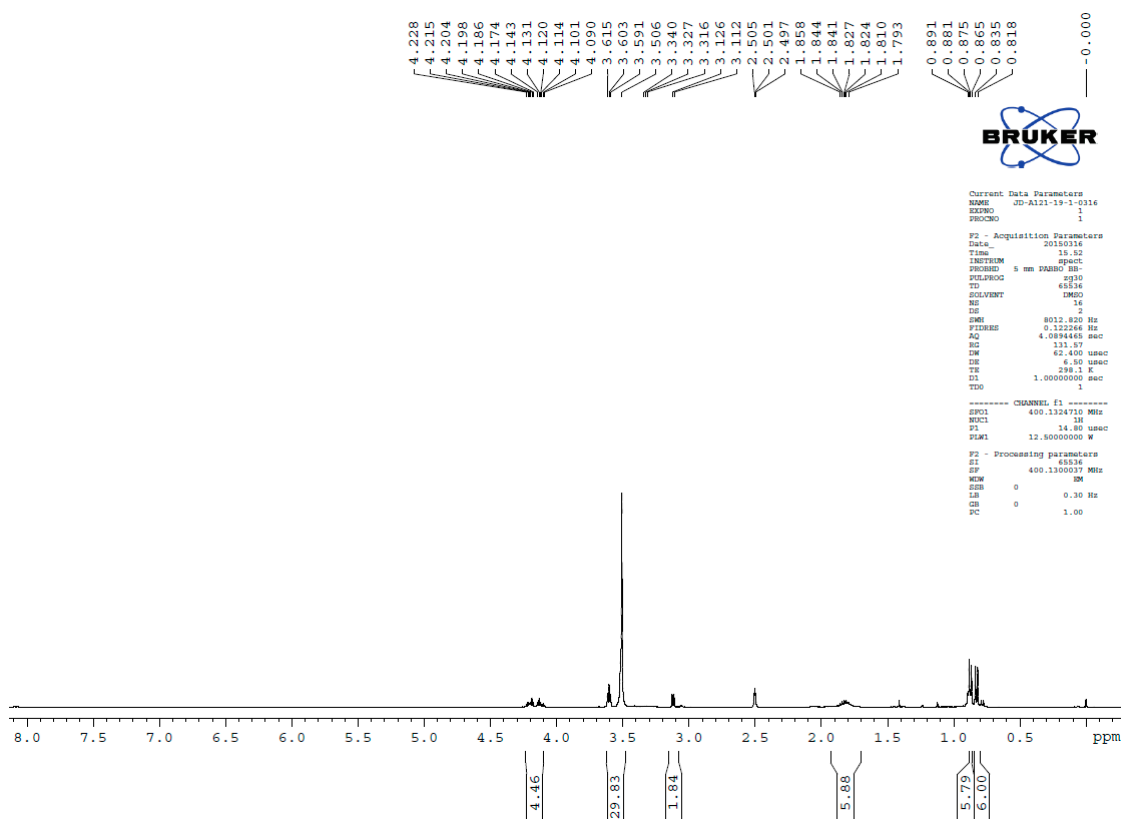
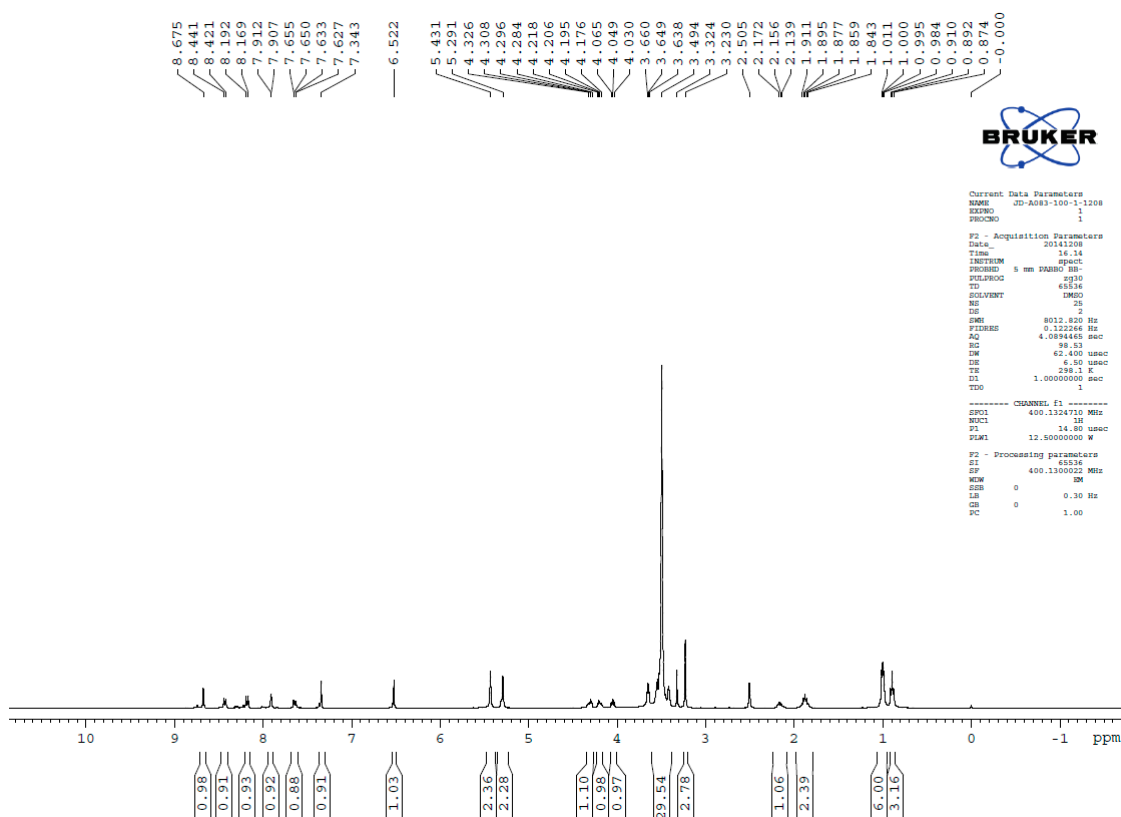
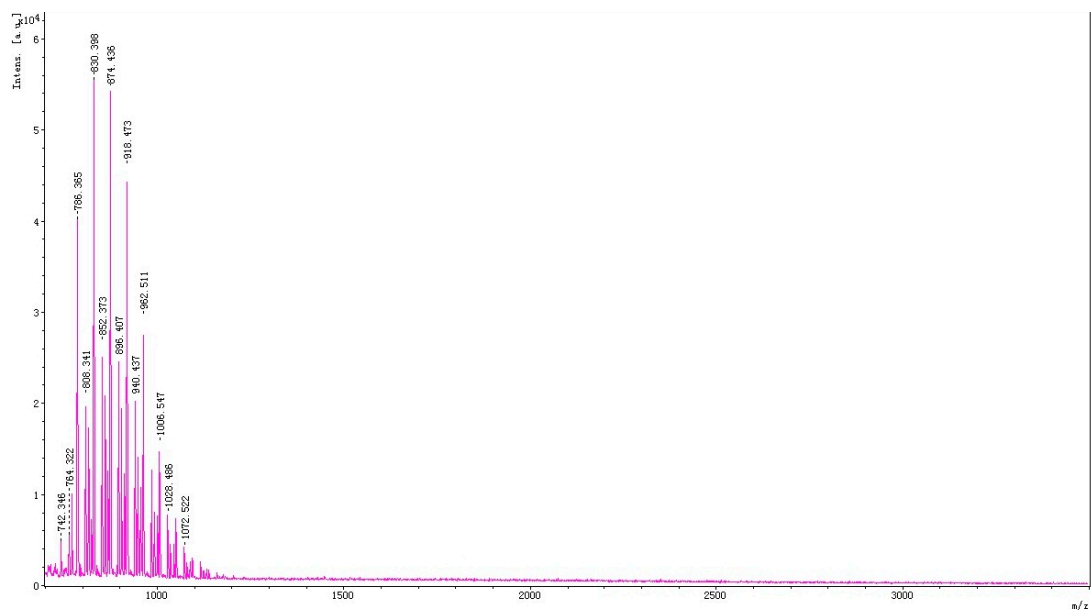


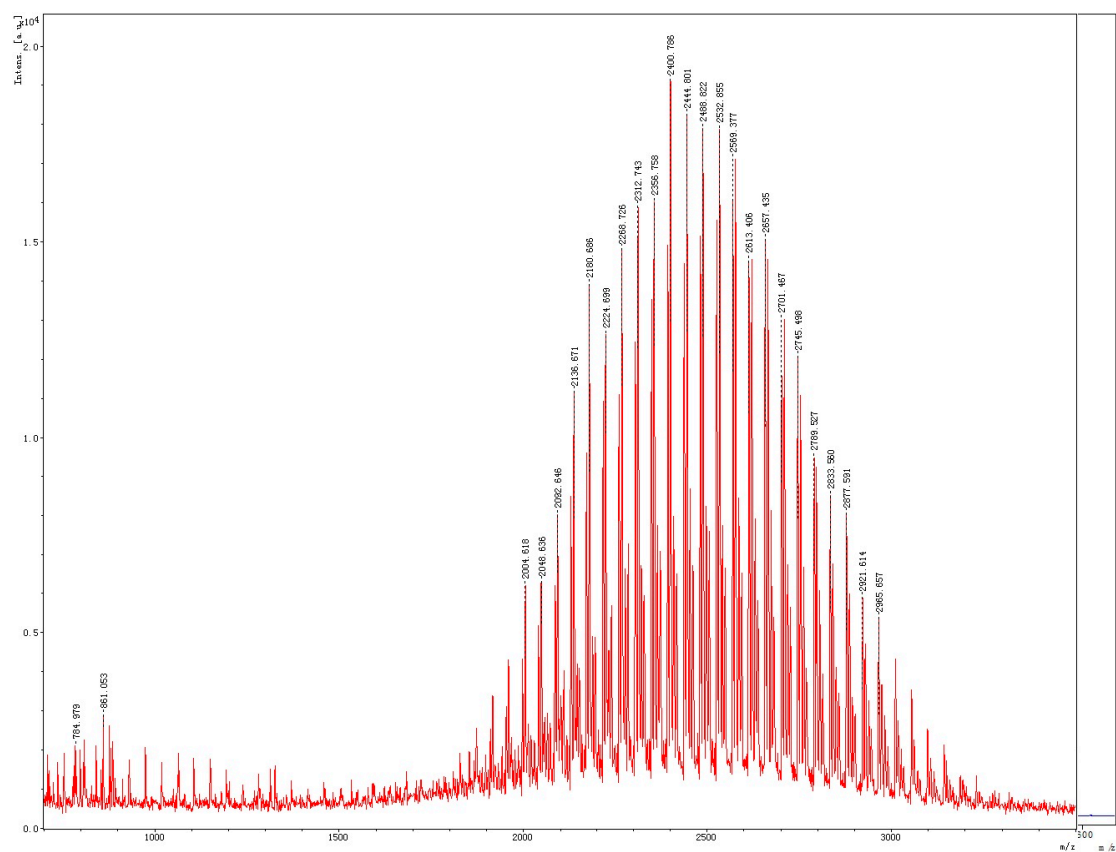
Figure S6.  $^1\text{H}$ -NMR of compound **3d**.



**Figure S7.**  $^1\text{H}$ -NMR of compound **3e**.

Figure S8.  $^1\text{H}$ -NMR of compound **3f**.Figure S9.  $^1\text{H}$ -NMR of compound **4a**.







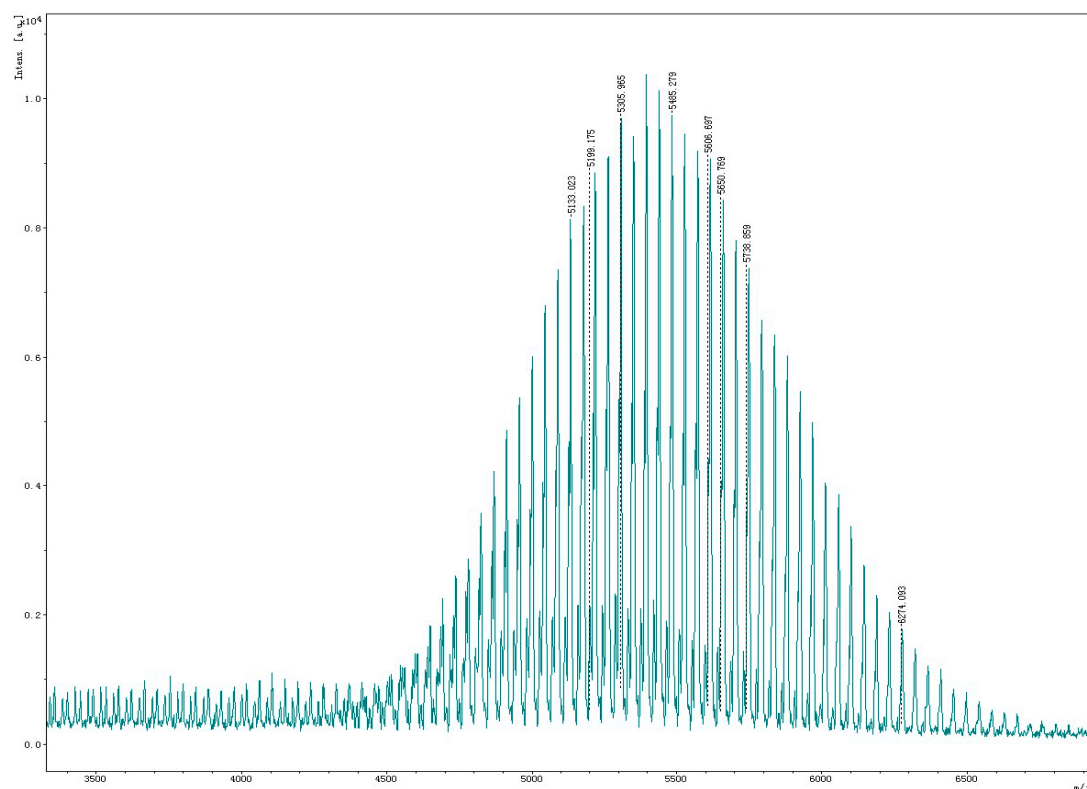
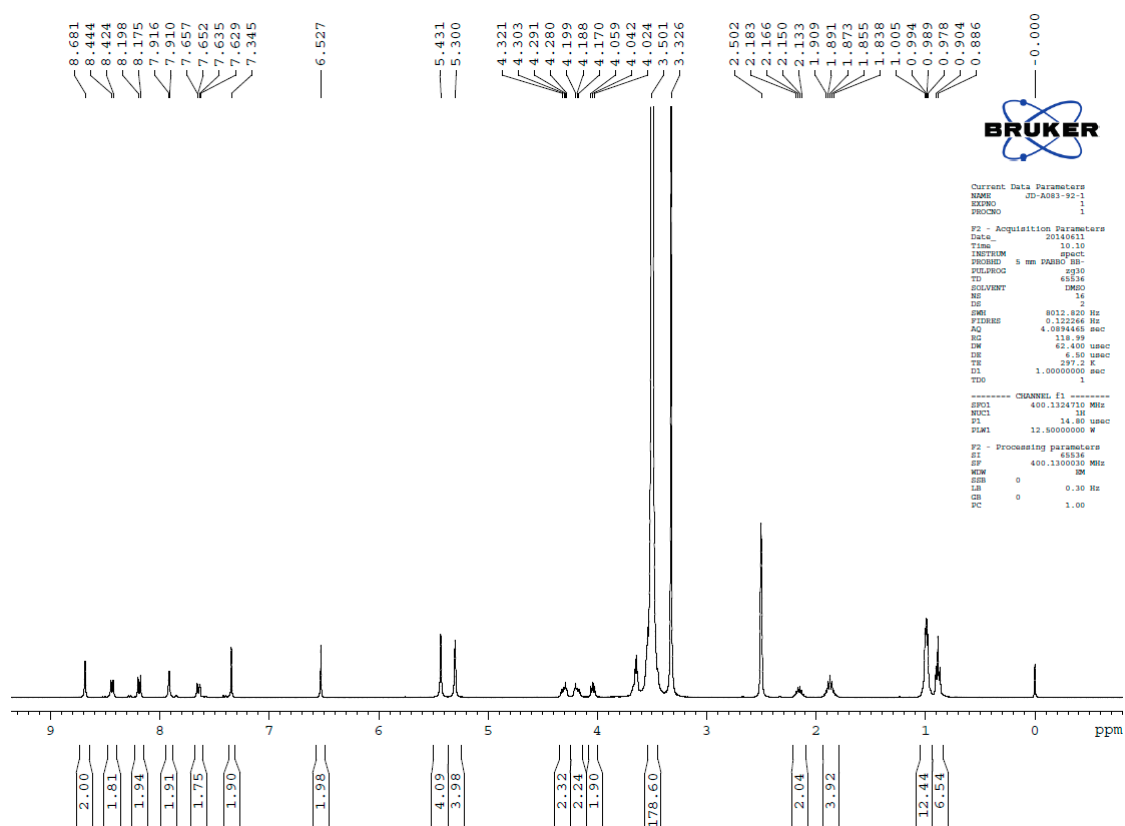


Figure S14. MALDI-TOF of compound 4c.

Figure S15.  $^1\text{H}$ -NMR of compound 4d.

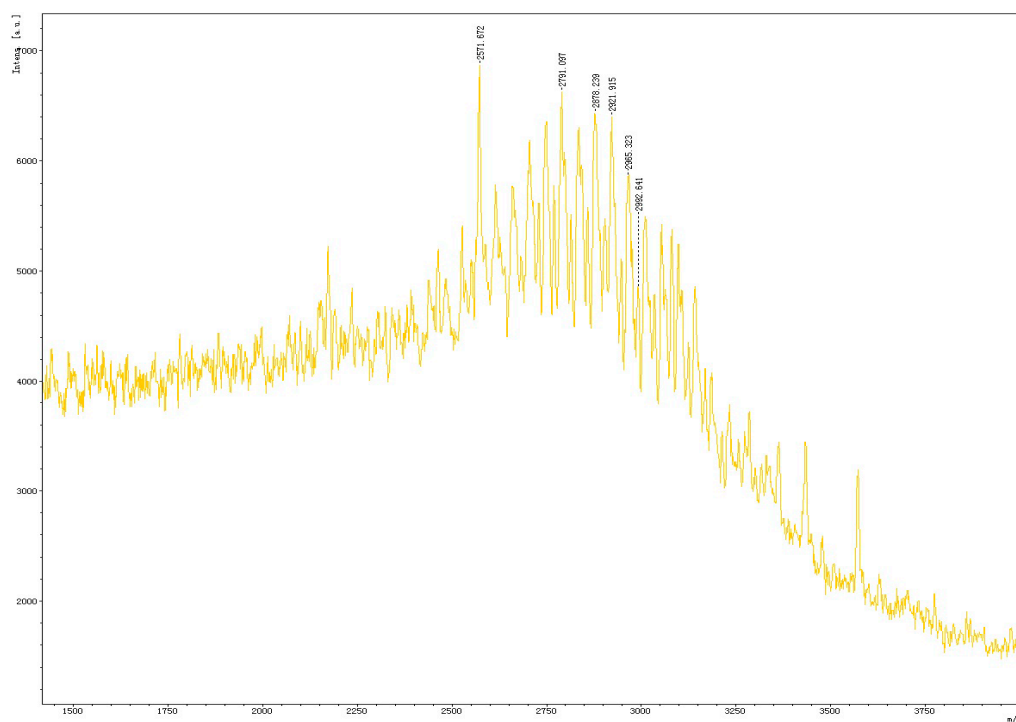
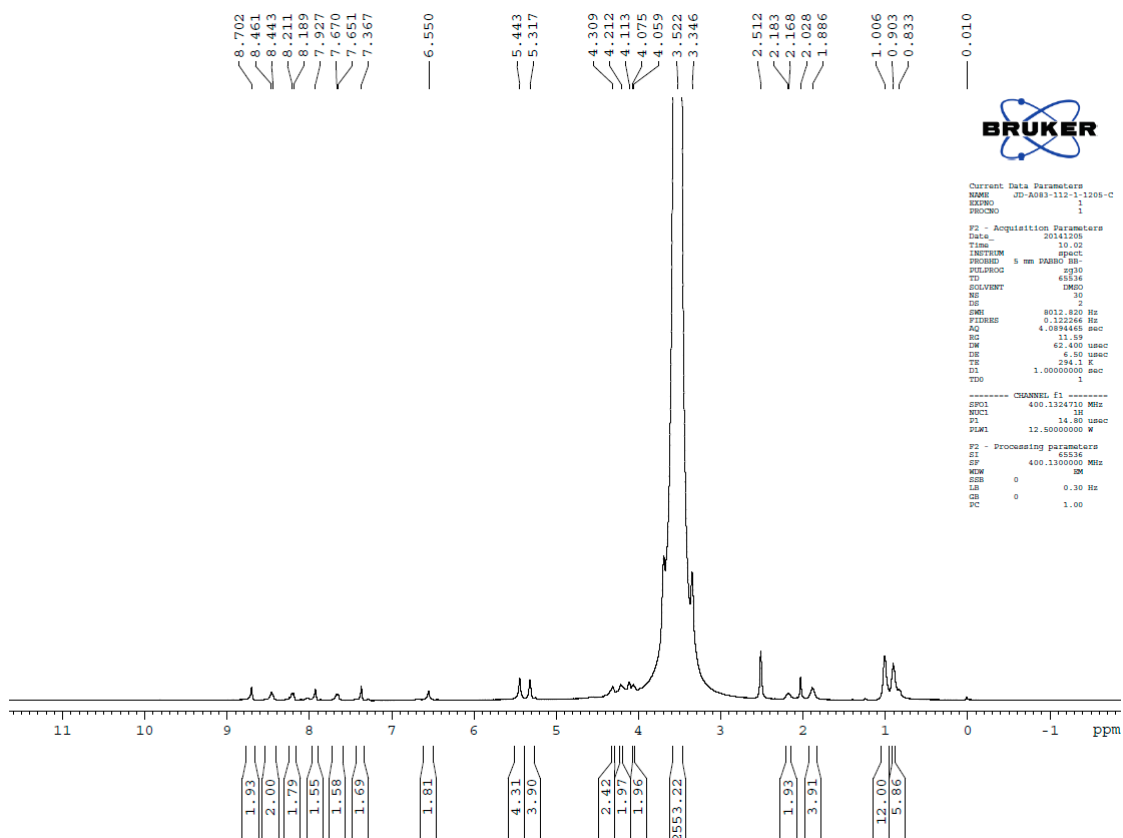


Figure S16. MALDI-TOF of compound 4d.

Figure S17. <sup>1</sup>H-NMR of compound 4e.

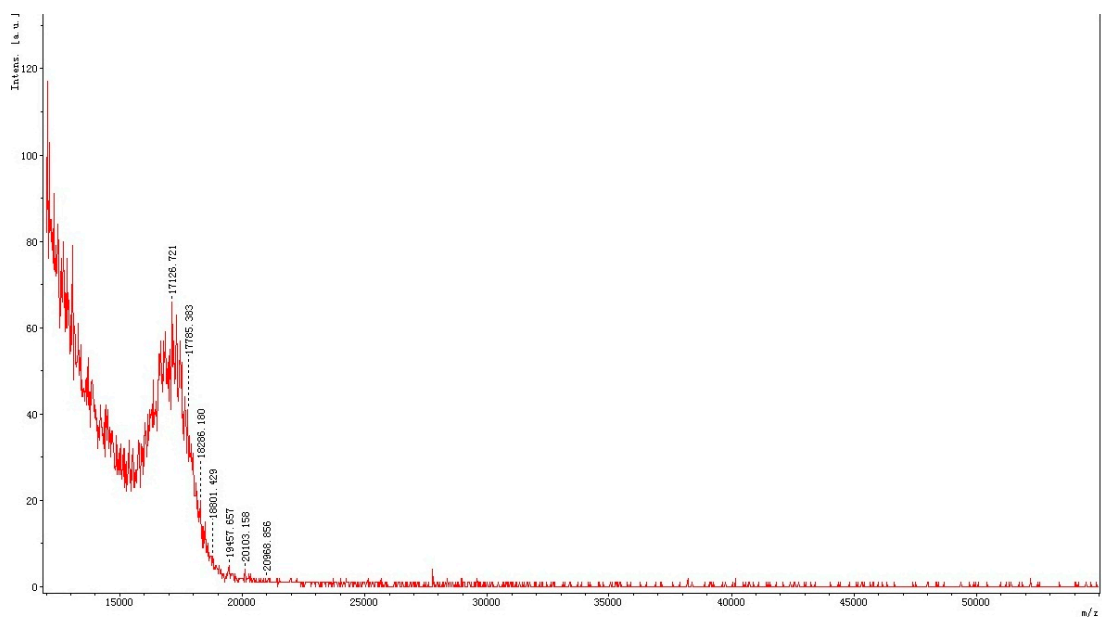
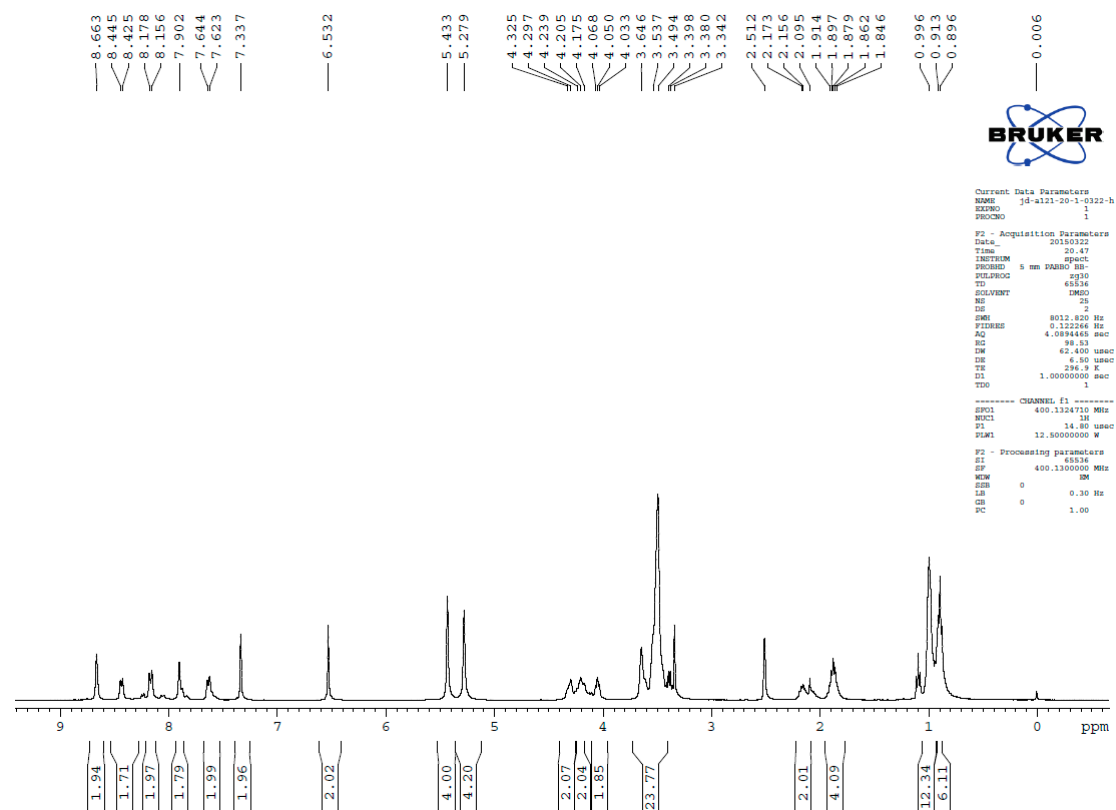


Figure S18. MALDI-TOF of compound 4e.

Figure S19. <sup>1</sup>H-NMR of compound 4f.

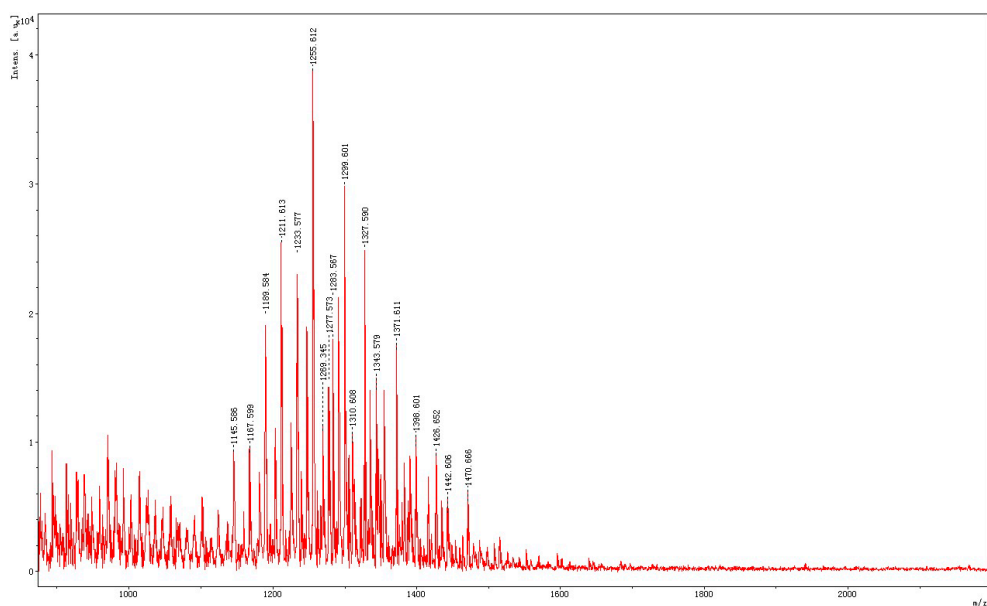
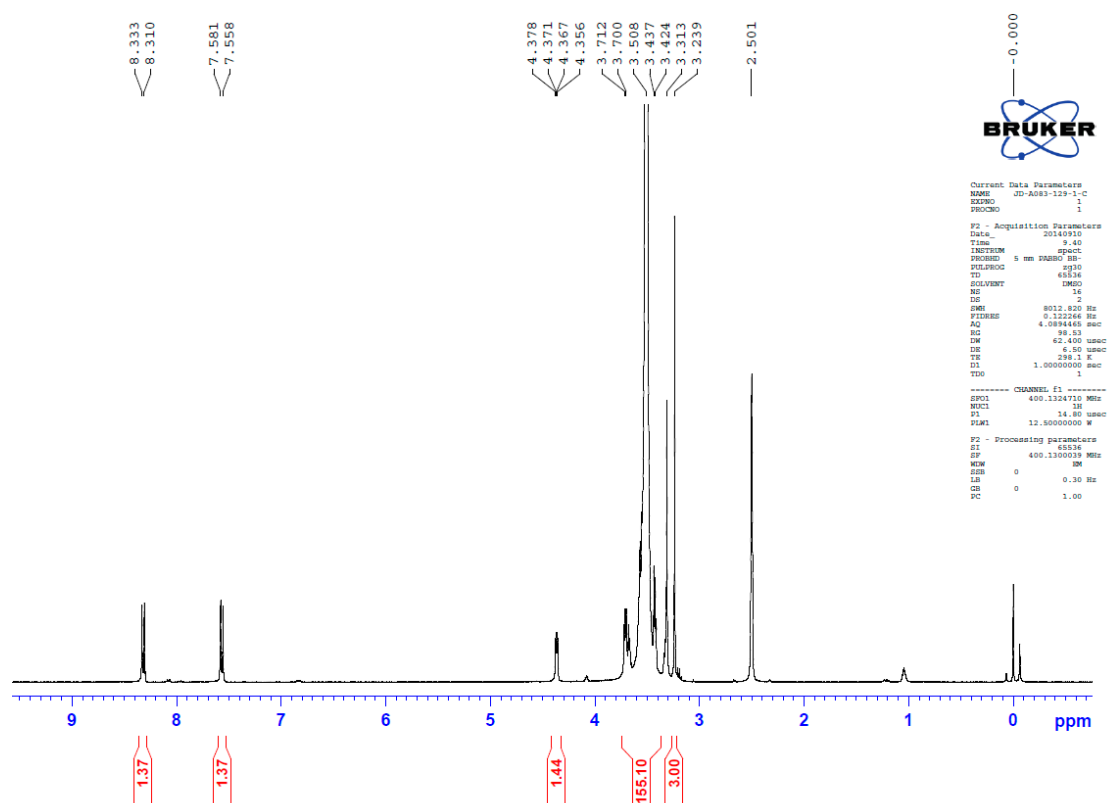
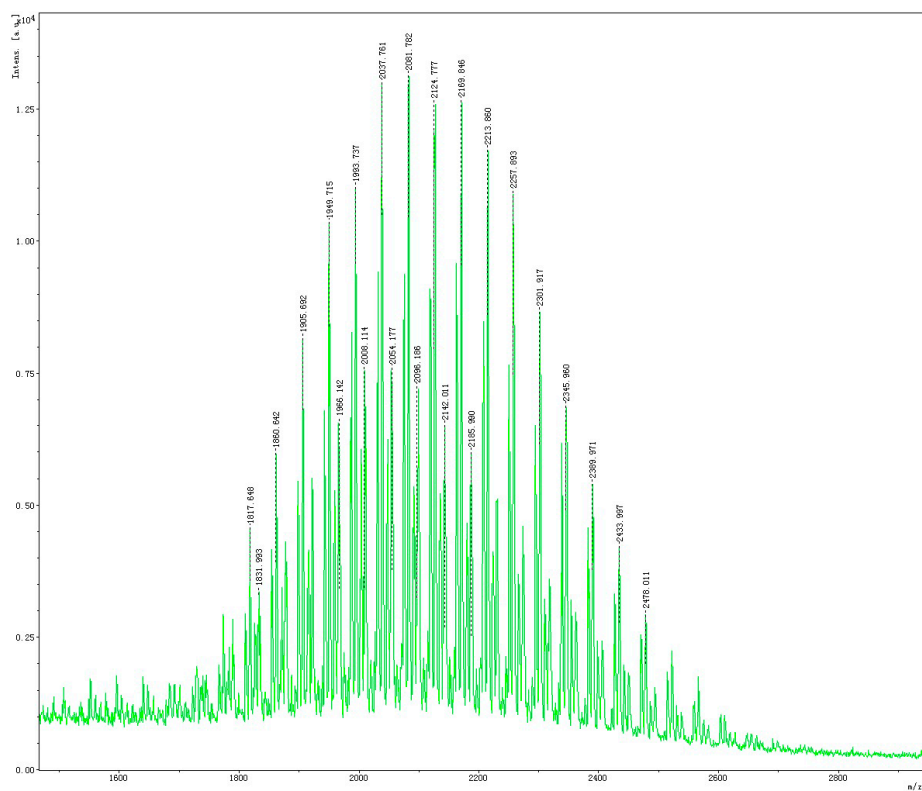
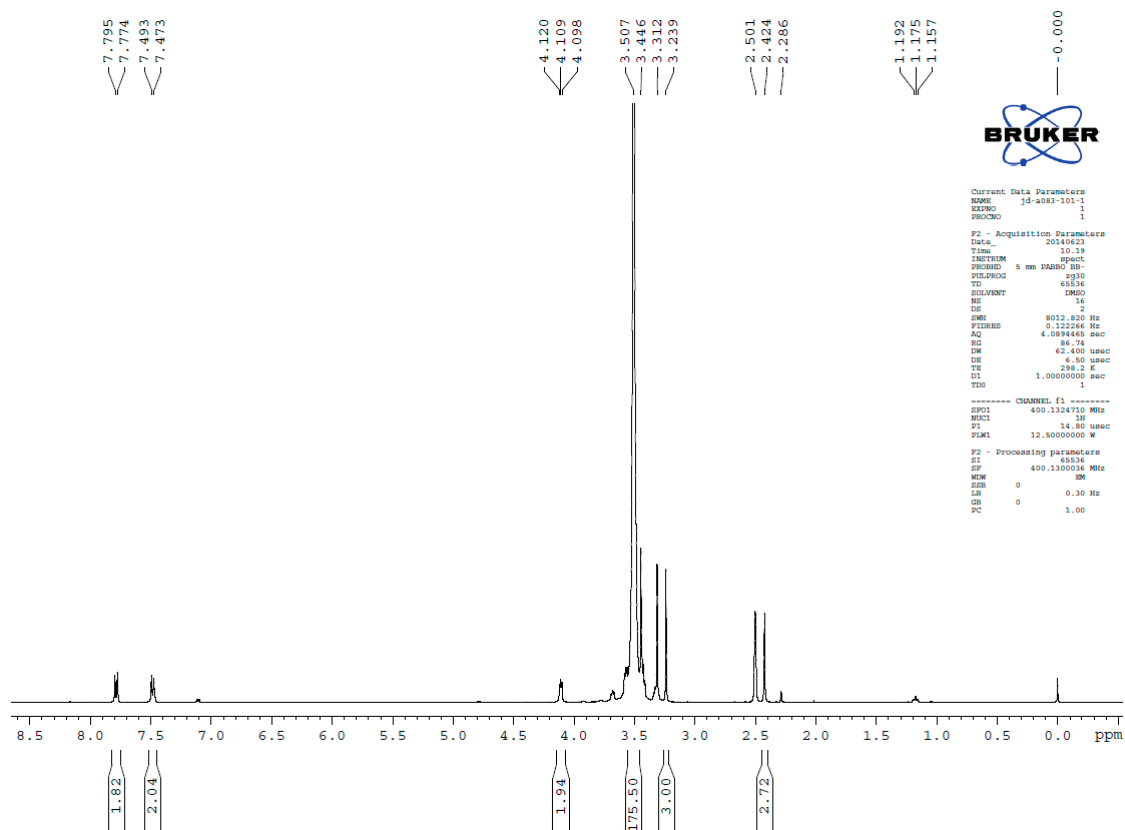
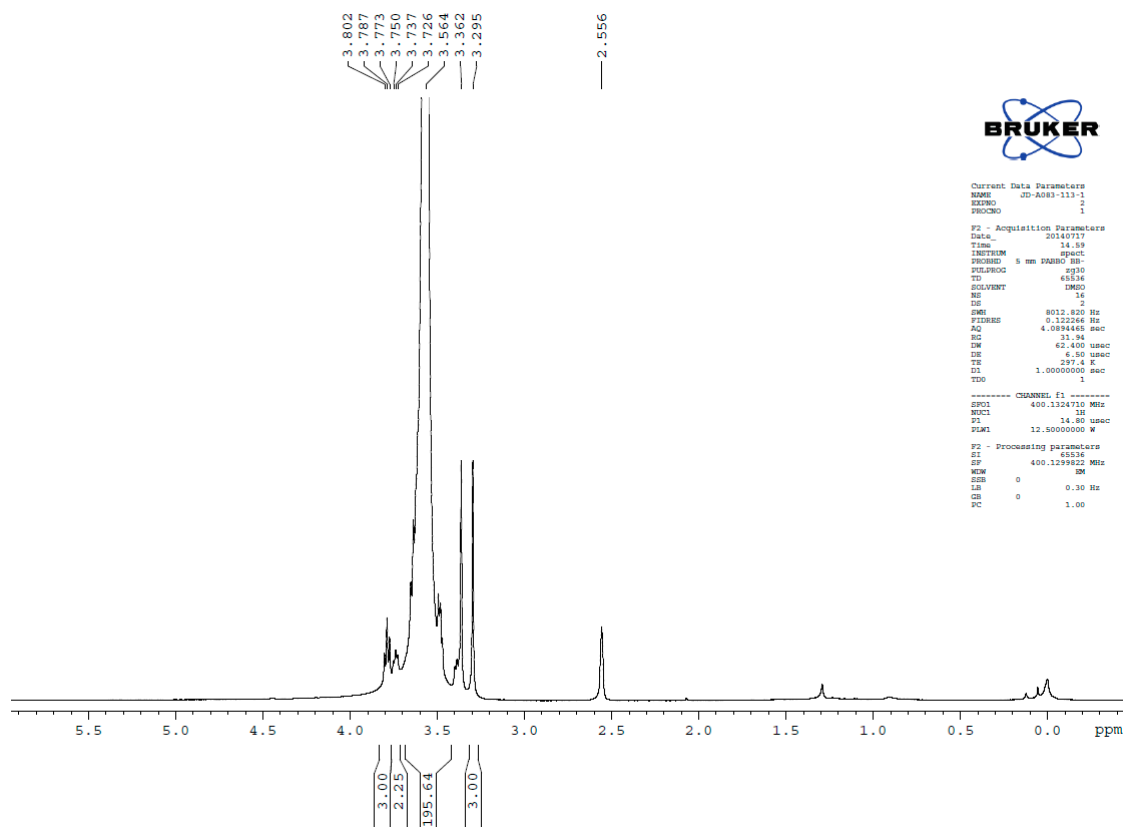


Figure S20. MALDI-TOF of compound 4f.

Figure S21. <sup>1</sup>H-NMR of compound 1b.



Figure S24. <sup>1</sup>H-NMR of compound 7.Figure S25. <sup>1</sup>H-NMR of compound 8.

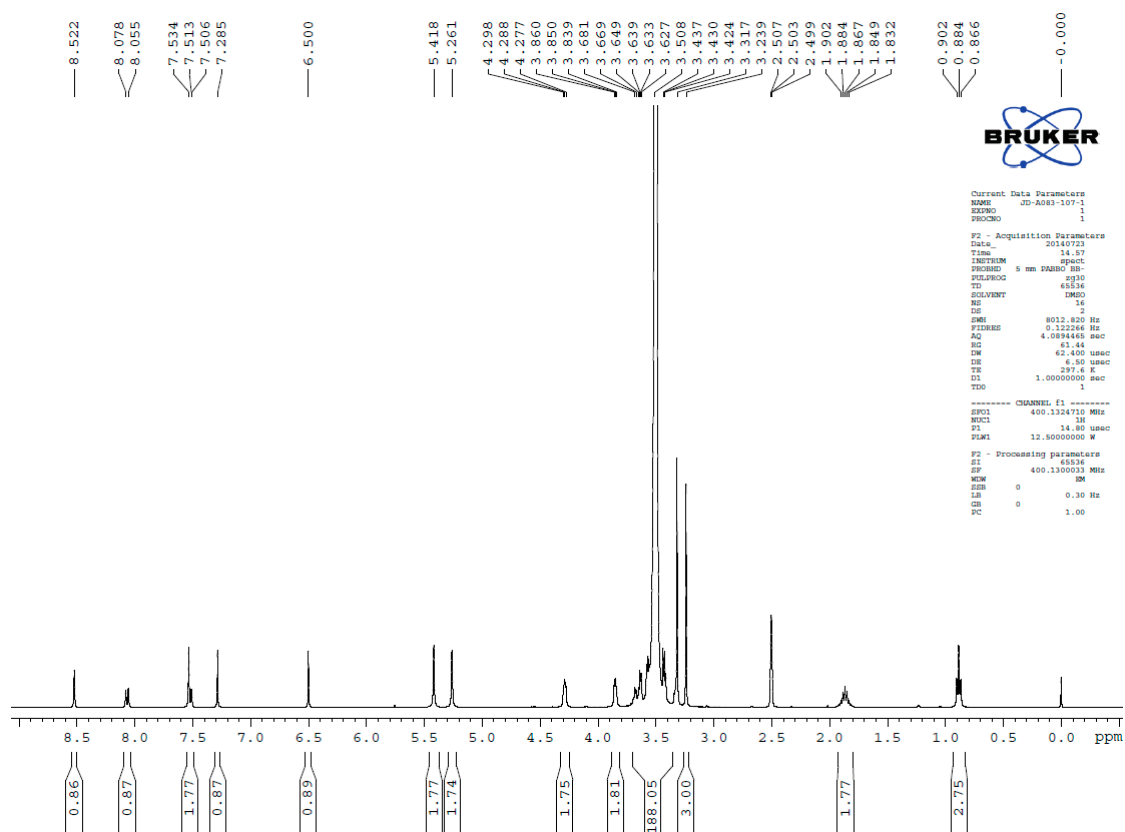
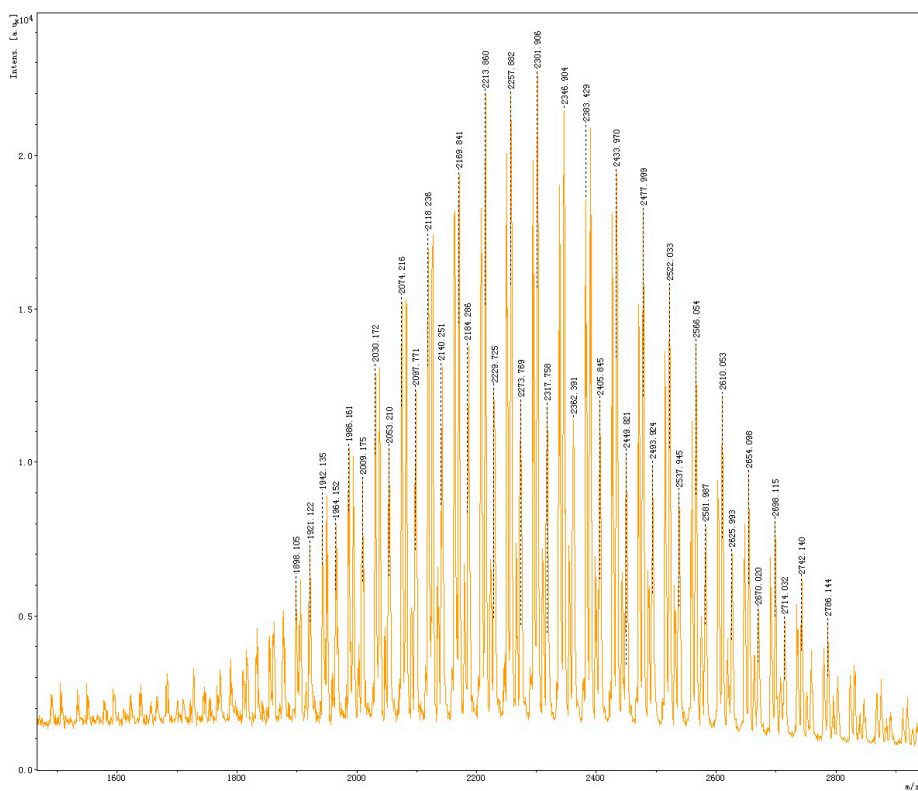
Figure S26. <sup>1</sup>H-NMR of compound 6.

Figure S27. MALDI-TOF of compound 6.