

# Supplementary Materials: Pd@[*n*Bu<sub>4</sub>][Br] as Simple Catalytic System for N-Alkylation Reaction with Alcohols

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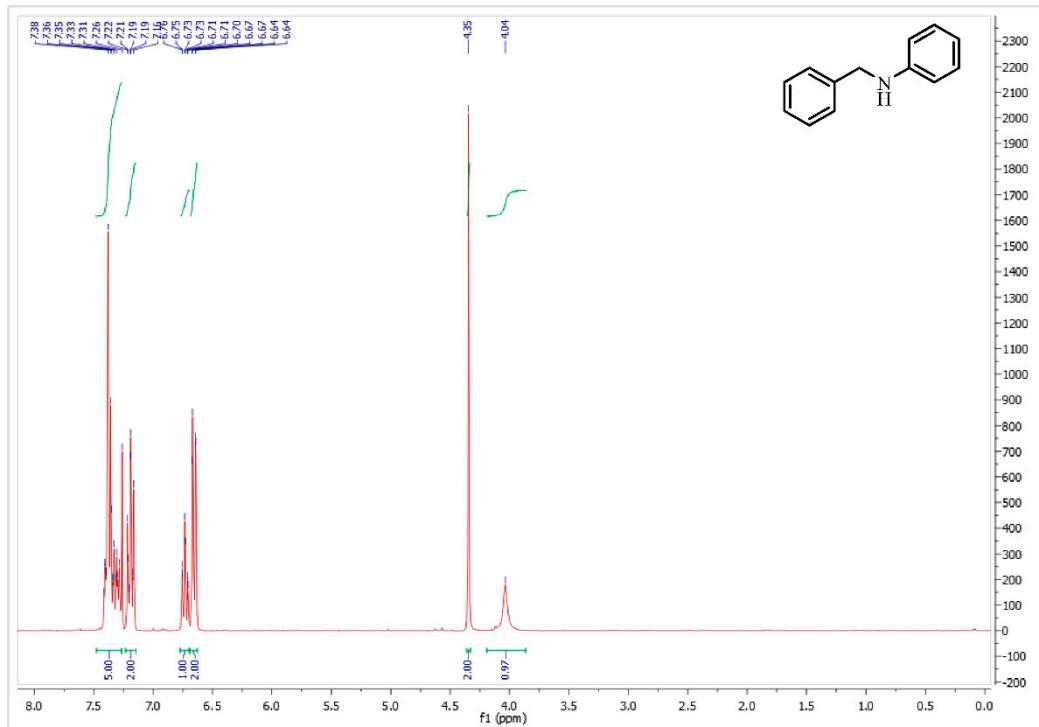


Figure S1. 3aa, <sup>1</sup>H-NMR.

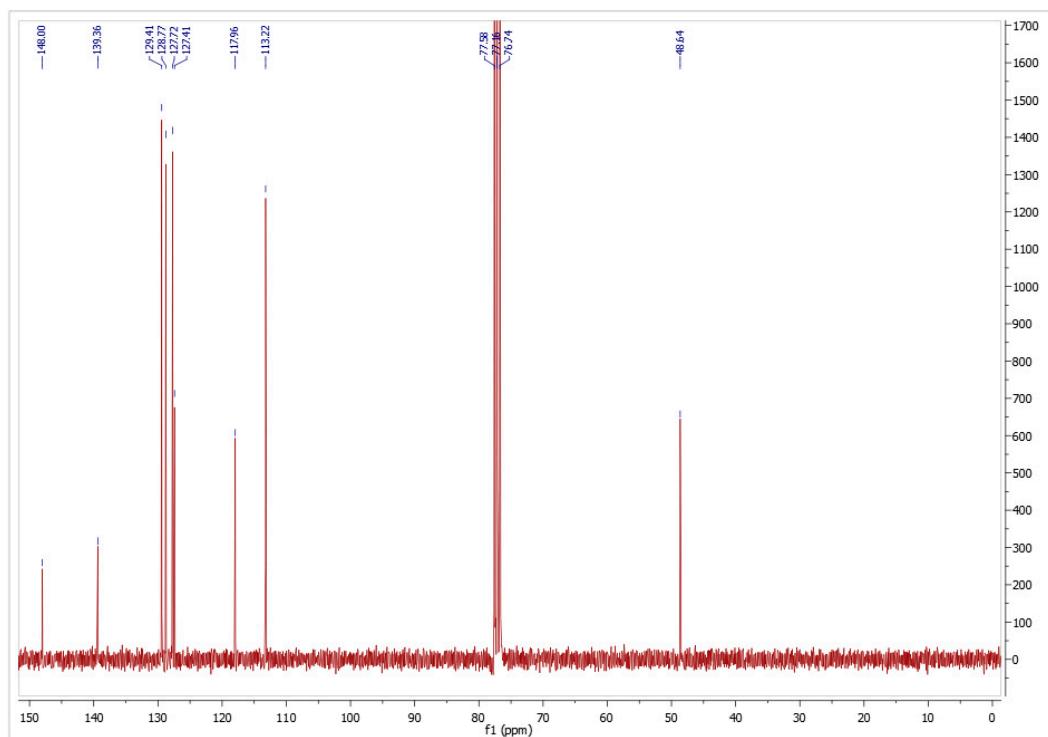
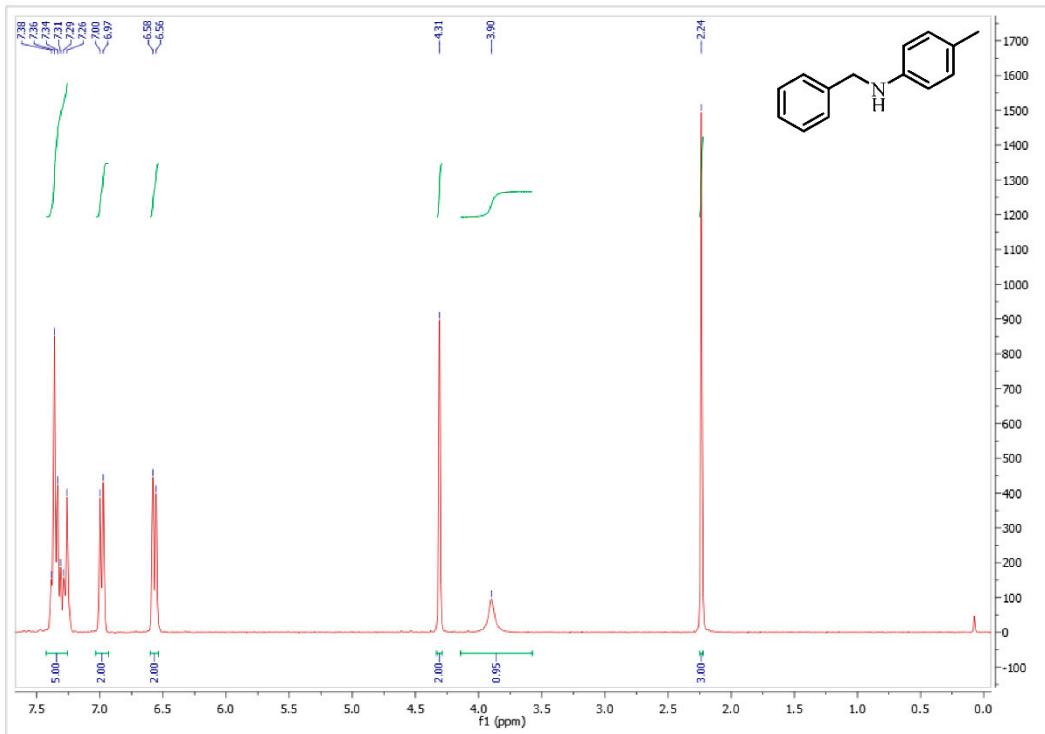
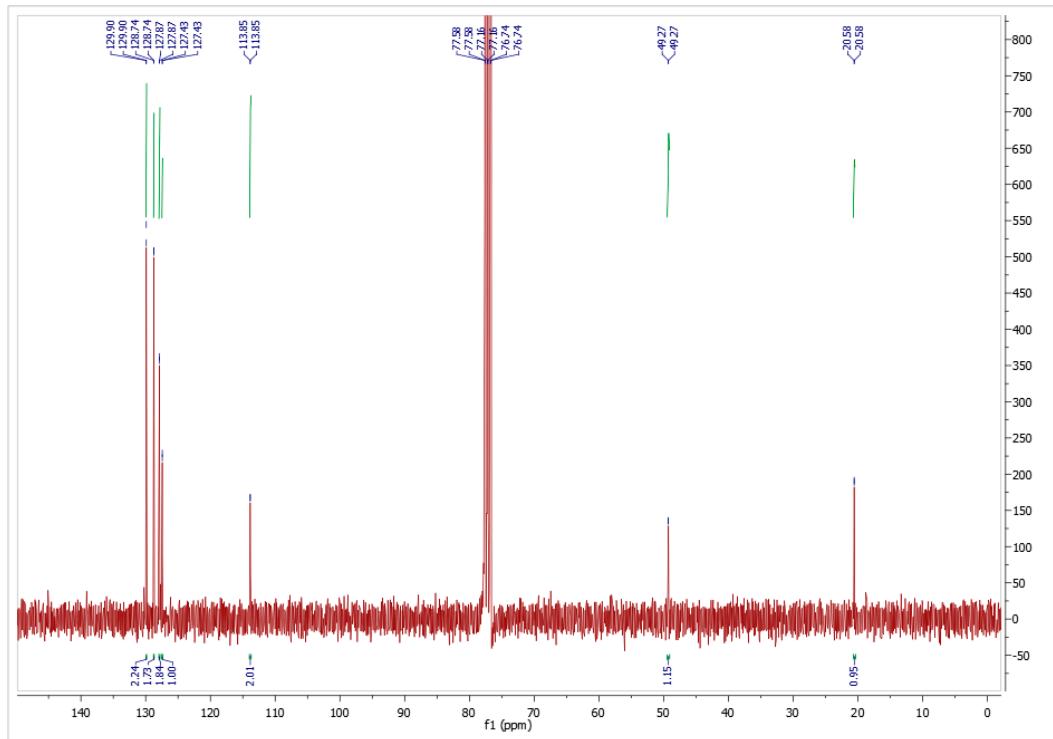
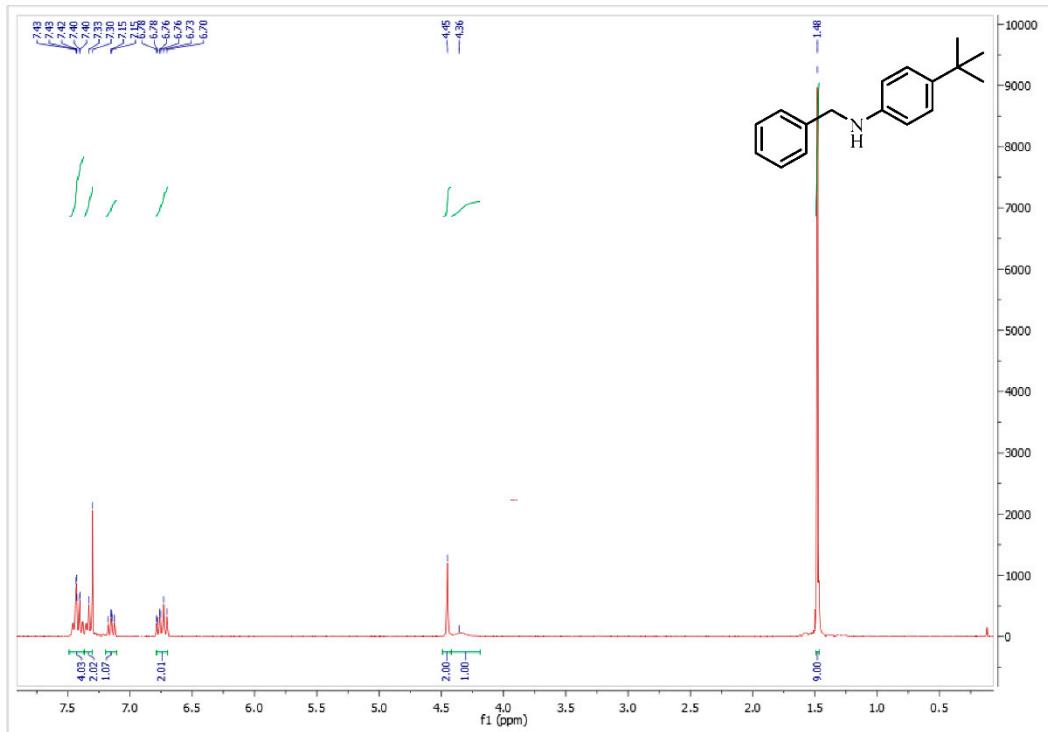
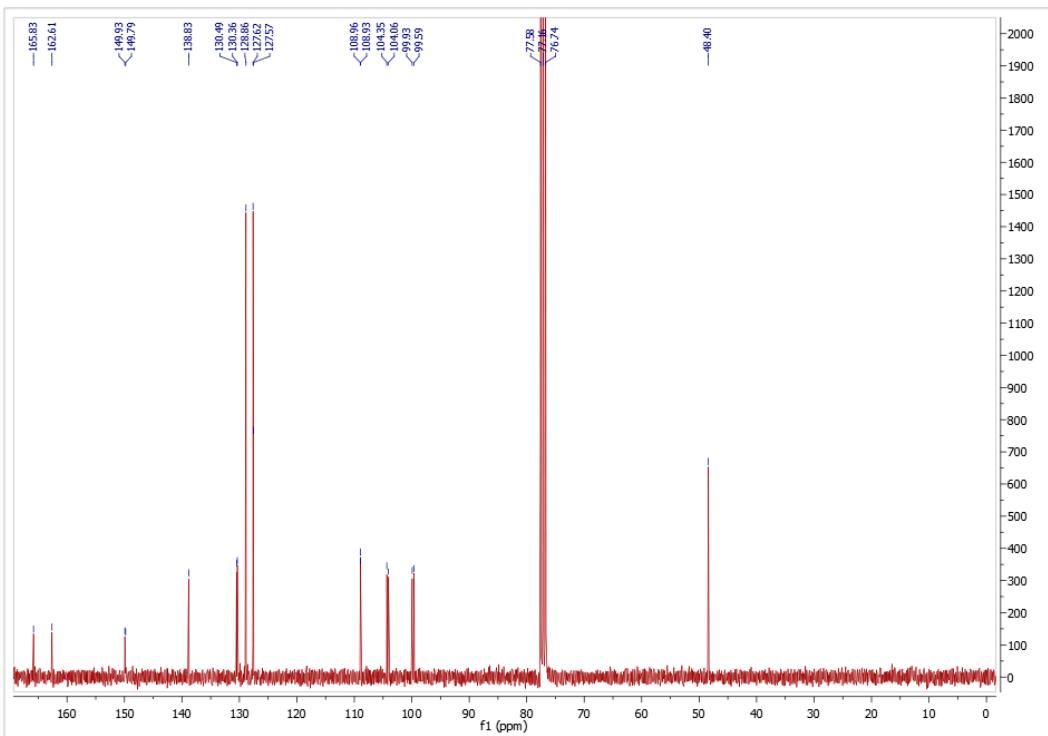
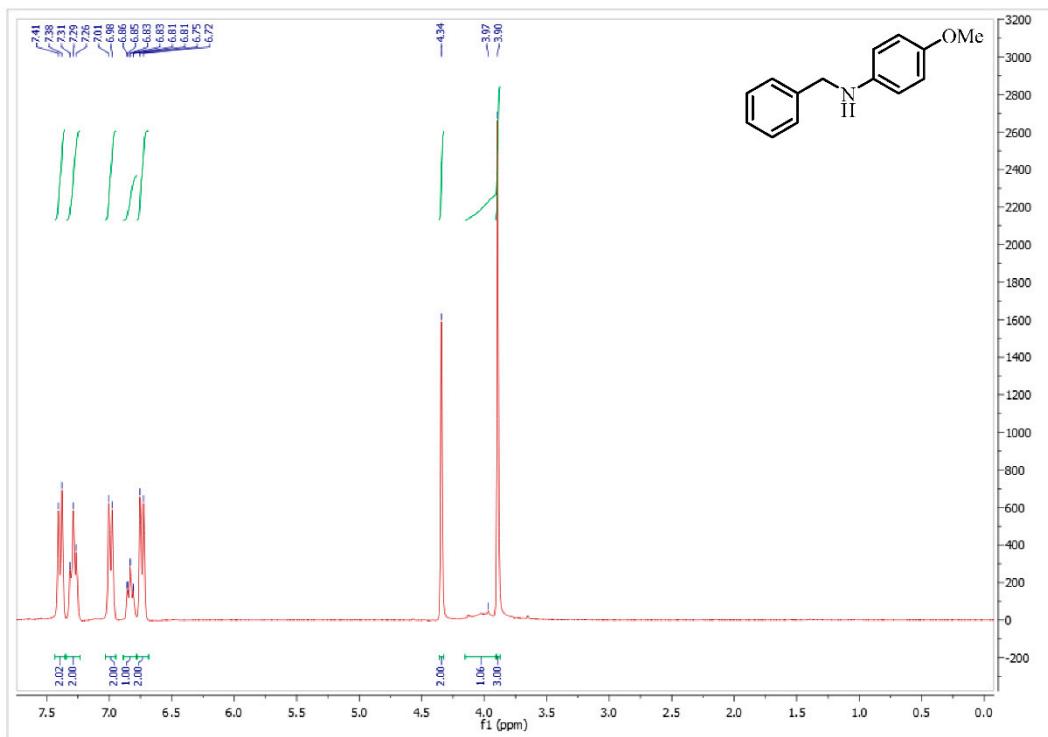
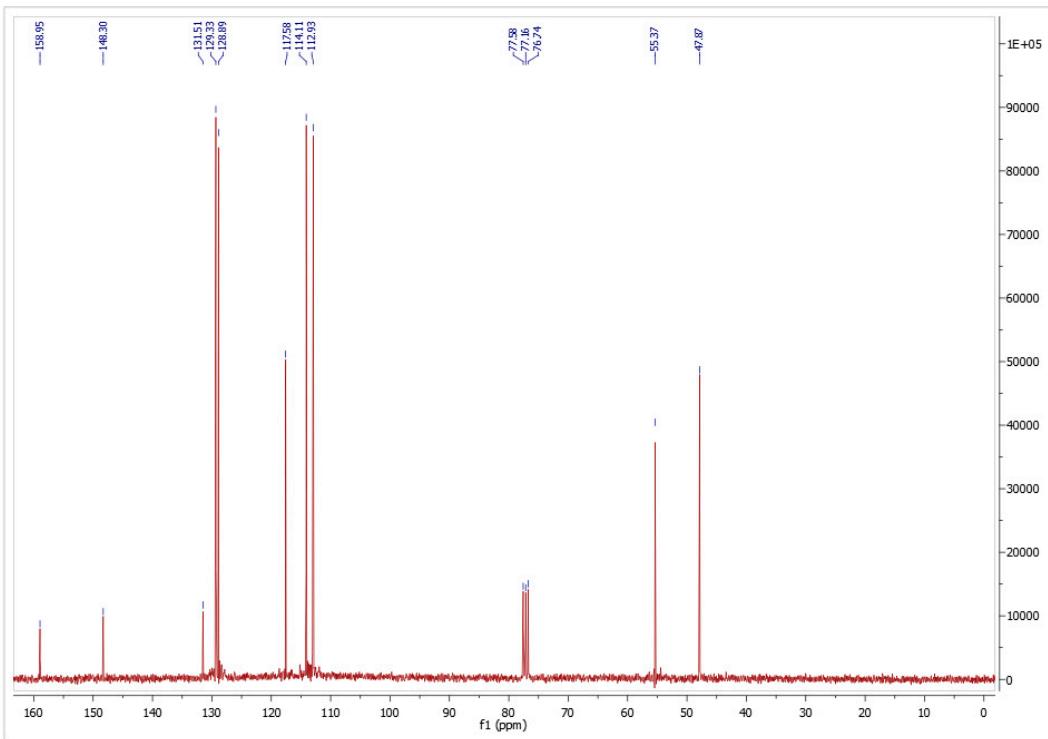
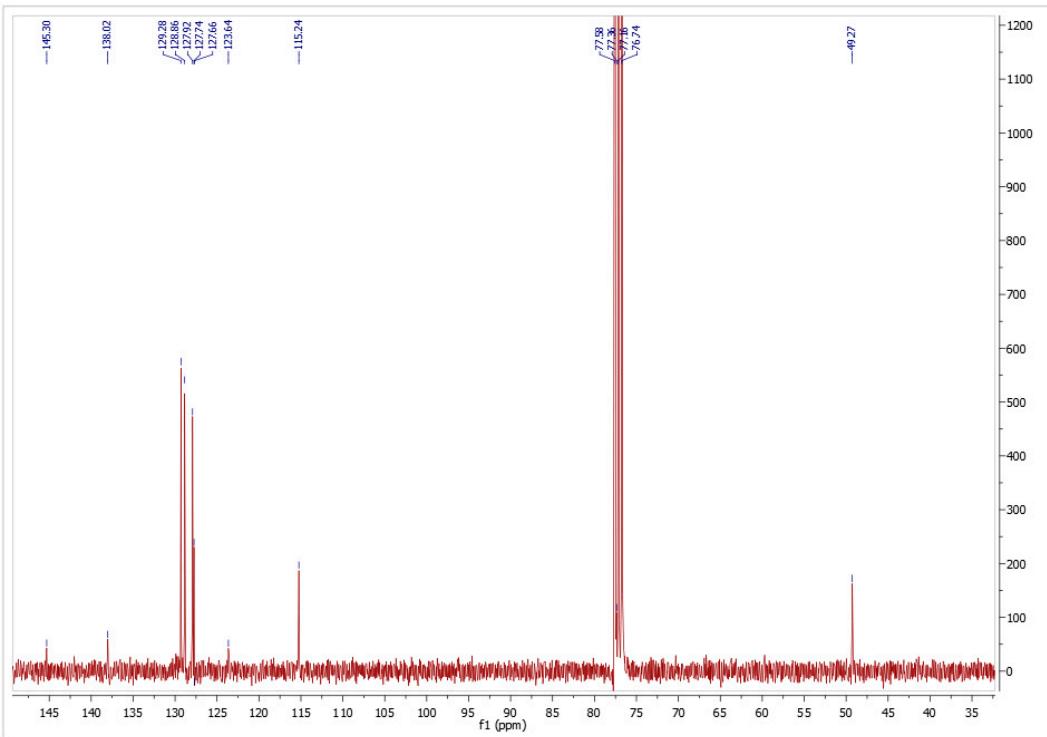
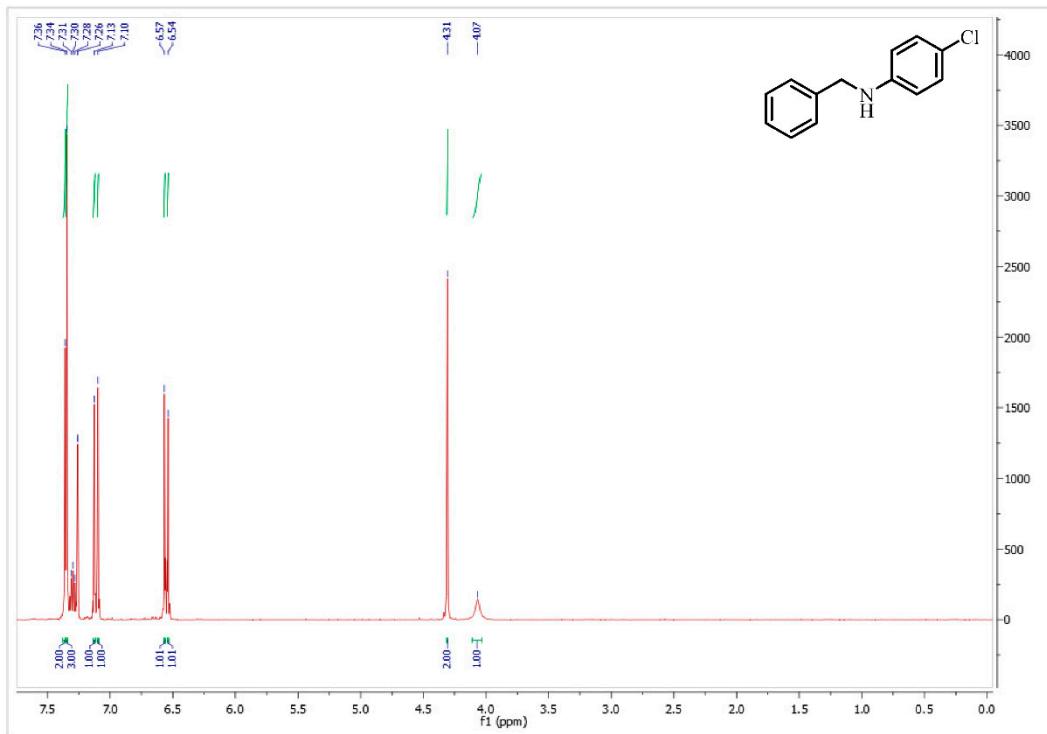


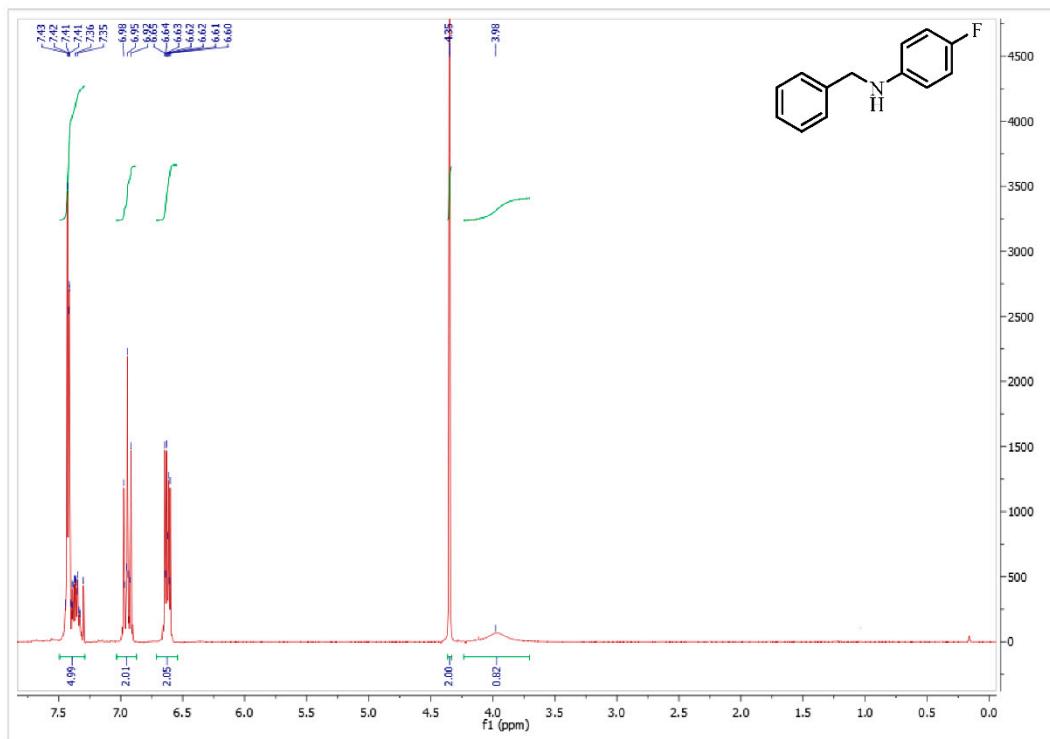
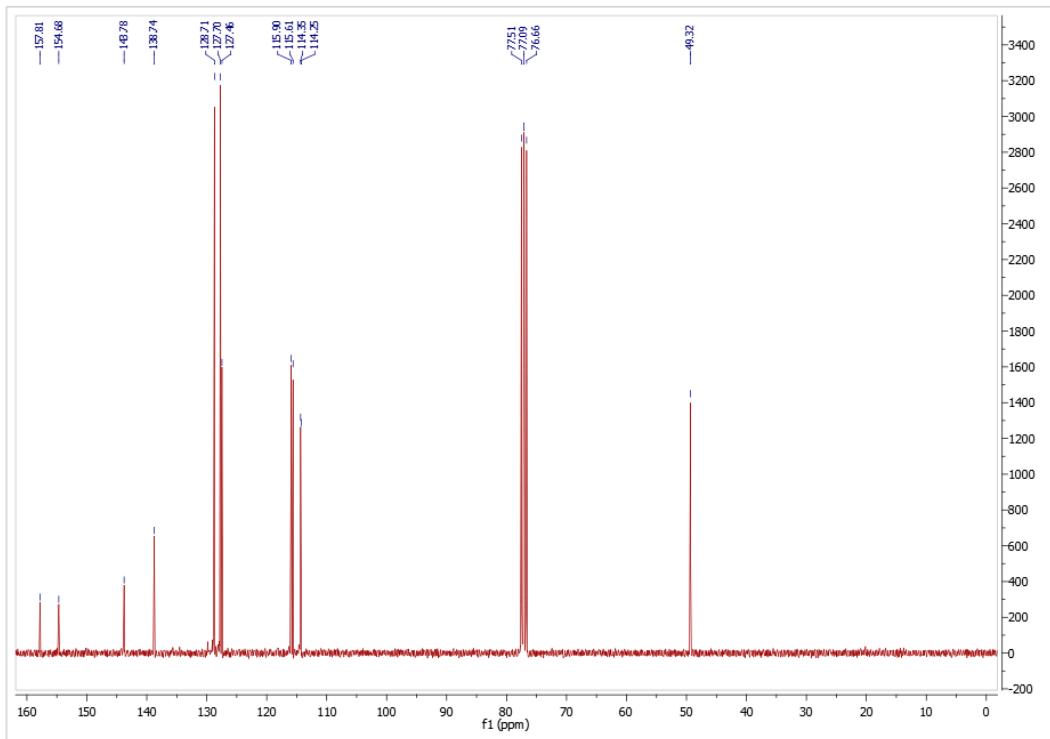
Figure S2. 3aa, <sup>13</sup>C-NMR.

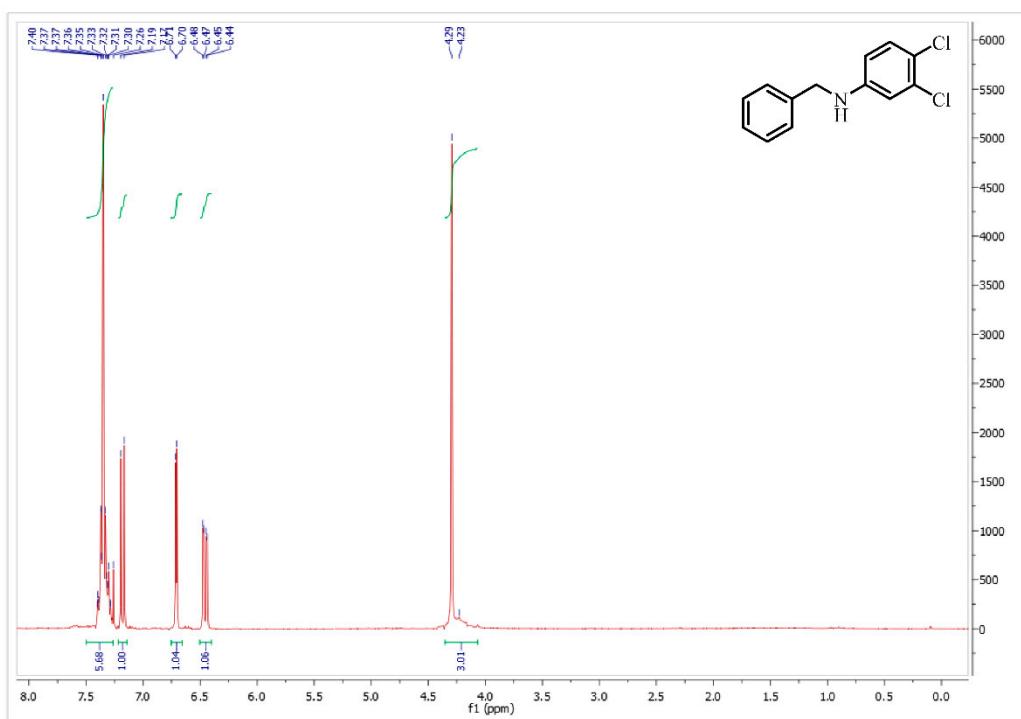
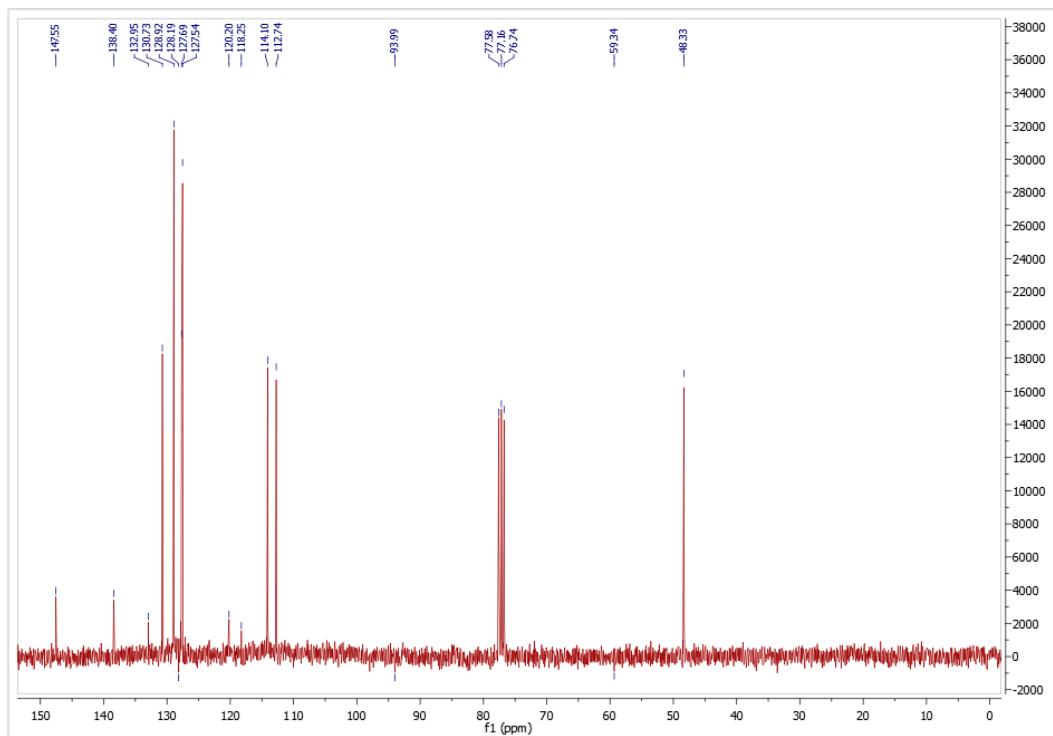
Figure S3. 3ab,  $^1\text{H}$ -NMR.Figure S4. 3ab,  $^{13}\text{C}$ -NMR.

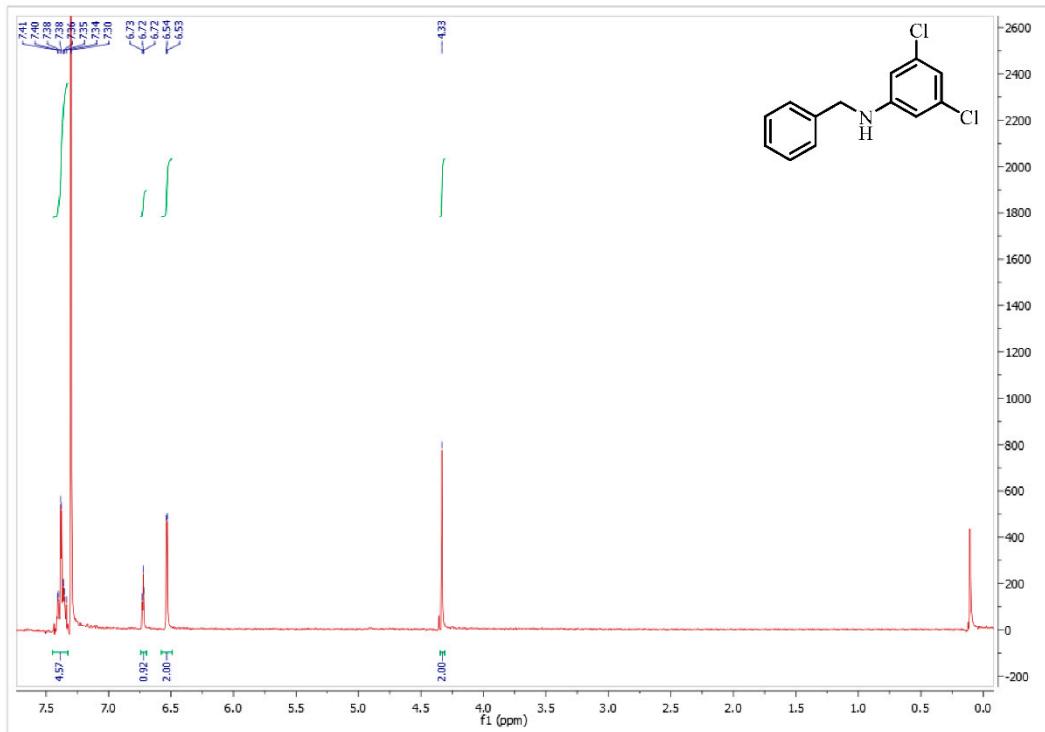
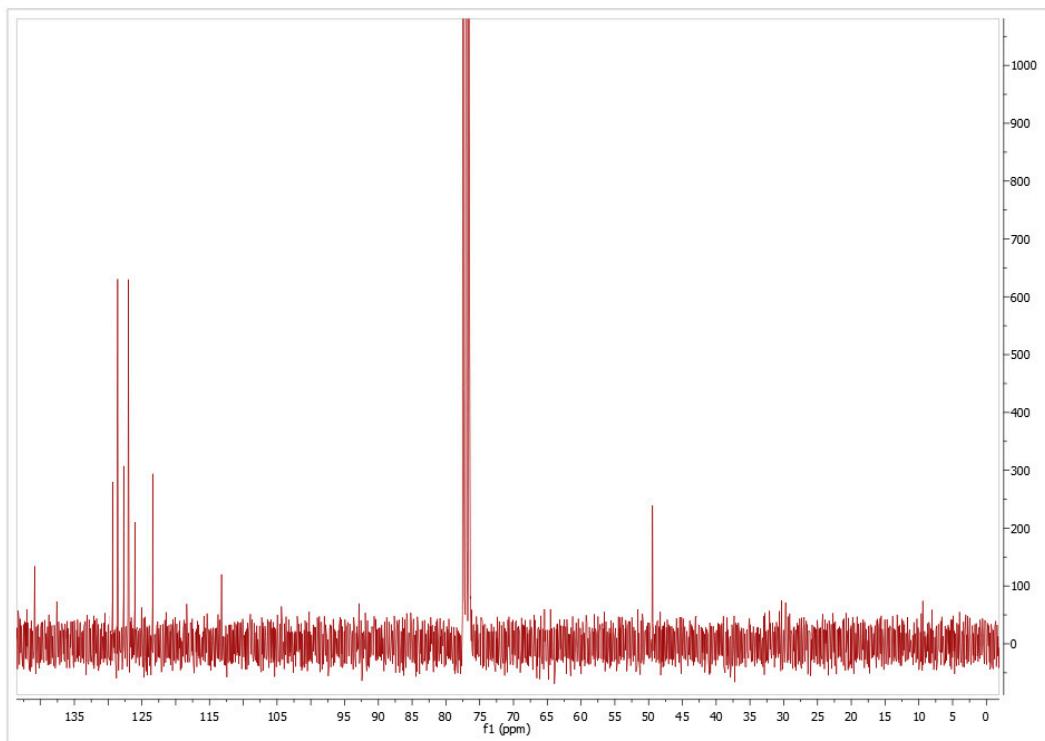
Figure S5. 3ac, <sup>1</sup>H-NMR.Figure S6. 3ac, <sup>13</sup>C-NMR.

**Figure S7.** 3ad,  $^1\text{H}$ -NMR.**Figure S8.** 3ad,  $^{13}\text{C}$ -NMR.



Figure S11. 3af,  $^1\text{H}$ -NMR.Figure S12. 3af,  $^{13}\text{C}$ -NMR.

**Figure S13.** **3ah**,  $^1\text{H}$ -NMR.**Figure S14.** **3ah**,  $^{13}\text{C}$ -NMR.

Figure S15. 3ai, <sup>1</sup>H-NMR.Figure S16. 3ai, <sup>13</sup>C-NMR.

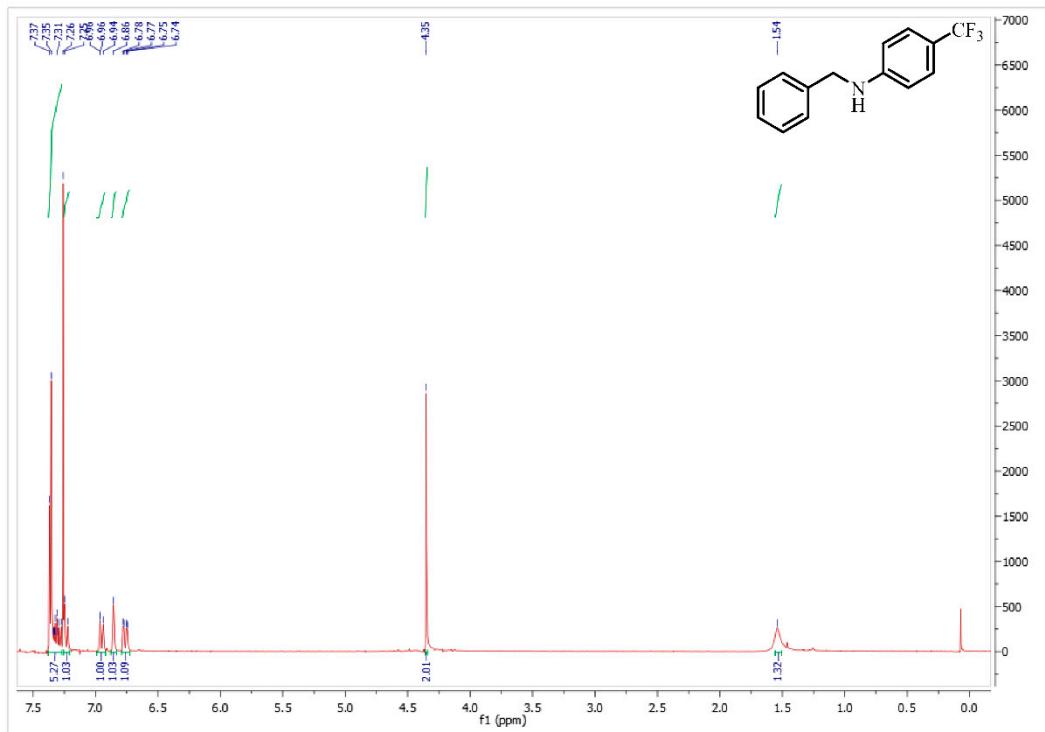


Figure S17. 3ak, <sup>1</sup>H-NMR.

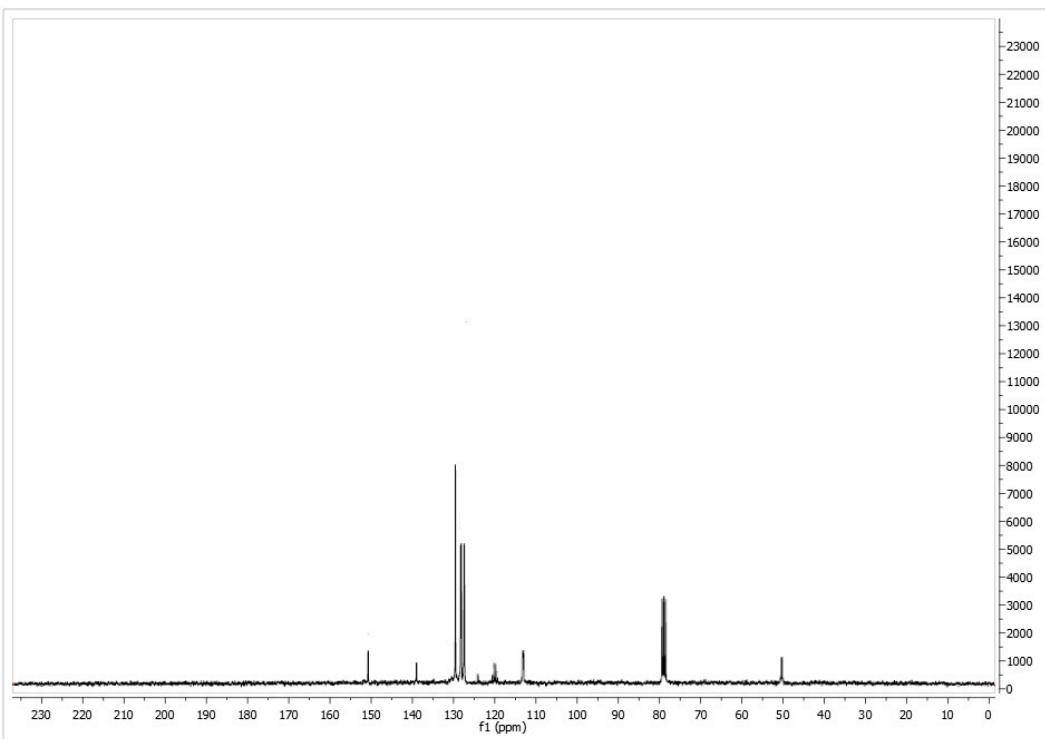
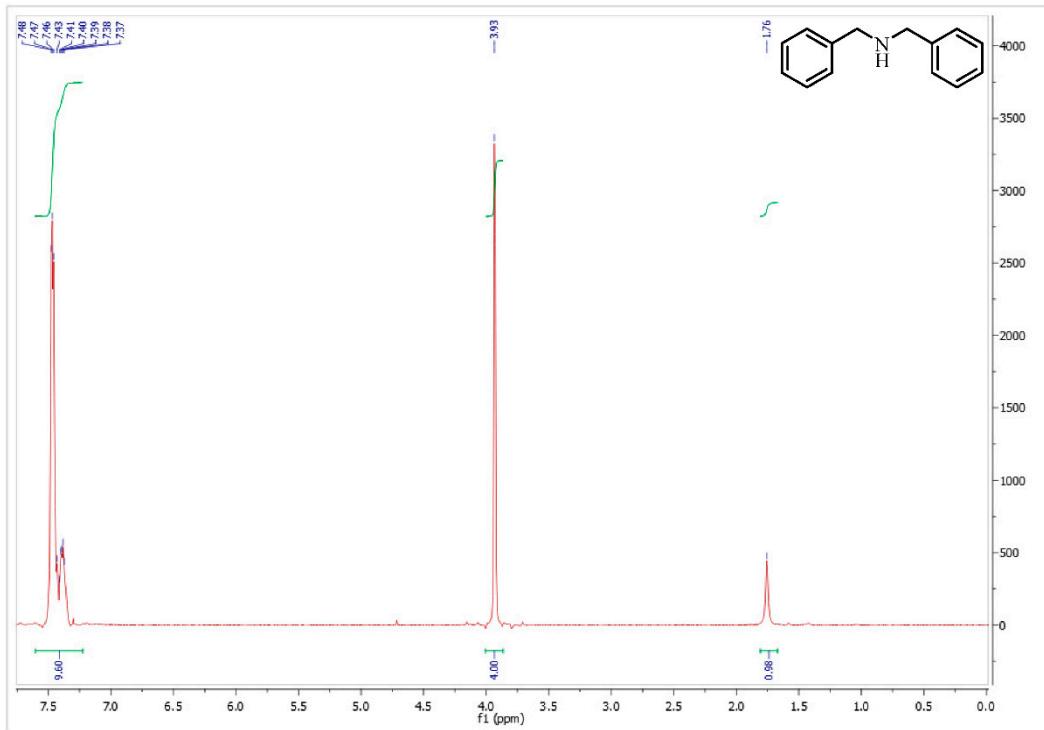
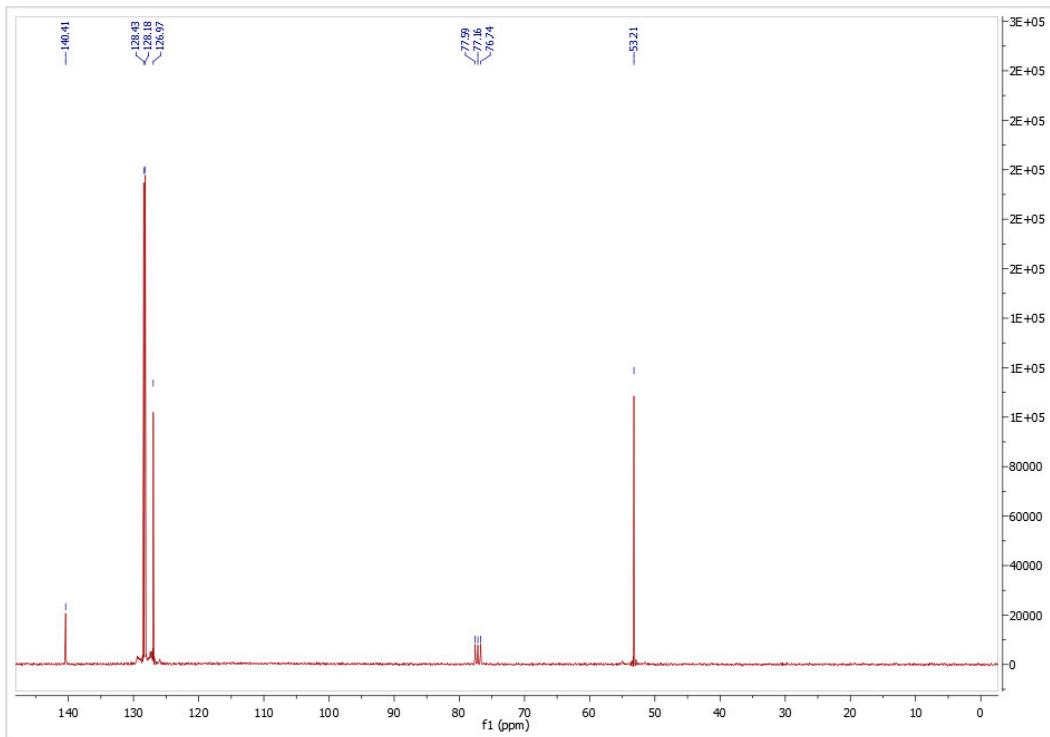
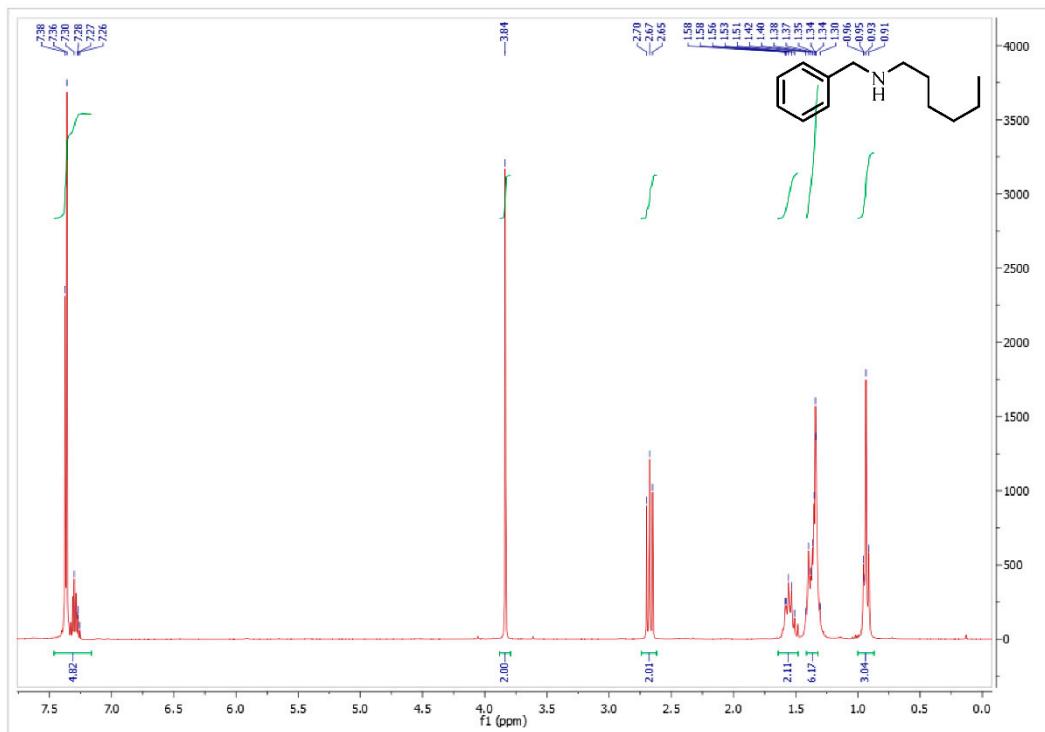
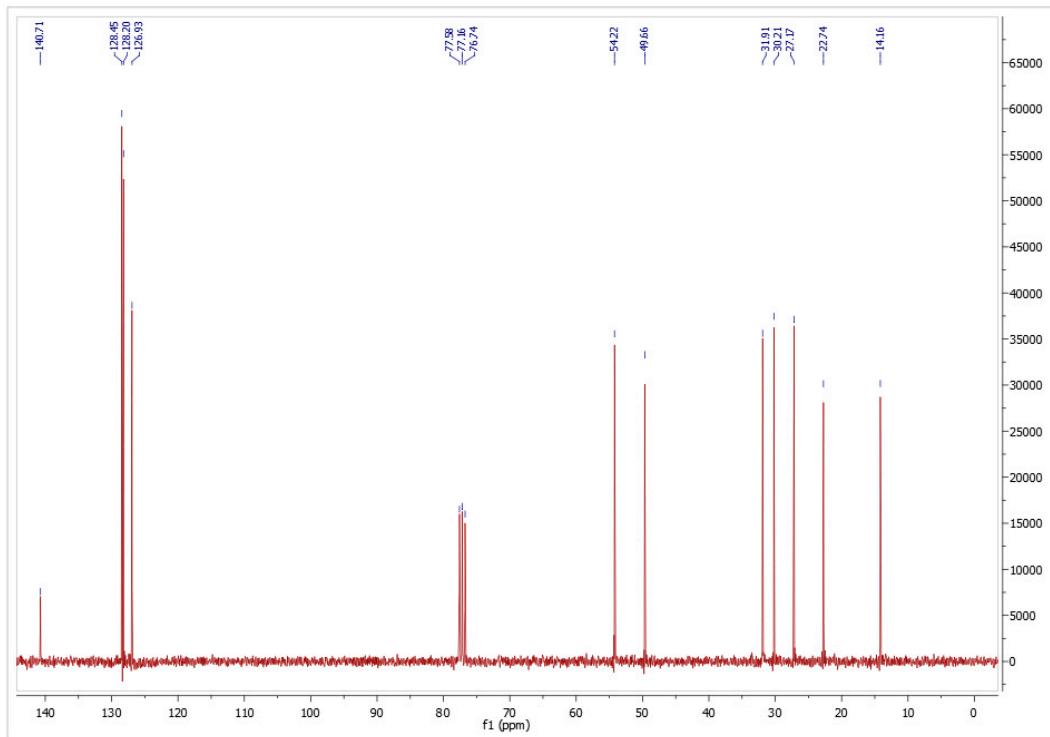


Figure S18. 3ak, <sup>13</sup>C-NMR.

**Figure S19.** 3am, <sup>1</sup>H-NMR.**Figure S20.** 3am, <sup>13</sup>C-NMR.



**Figure S21.** 3an,  $^1\text{H}$ -NMR.



**Figure S22. 3an,  $^{13}\text{C}$ -NMR.**

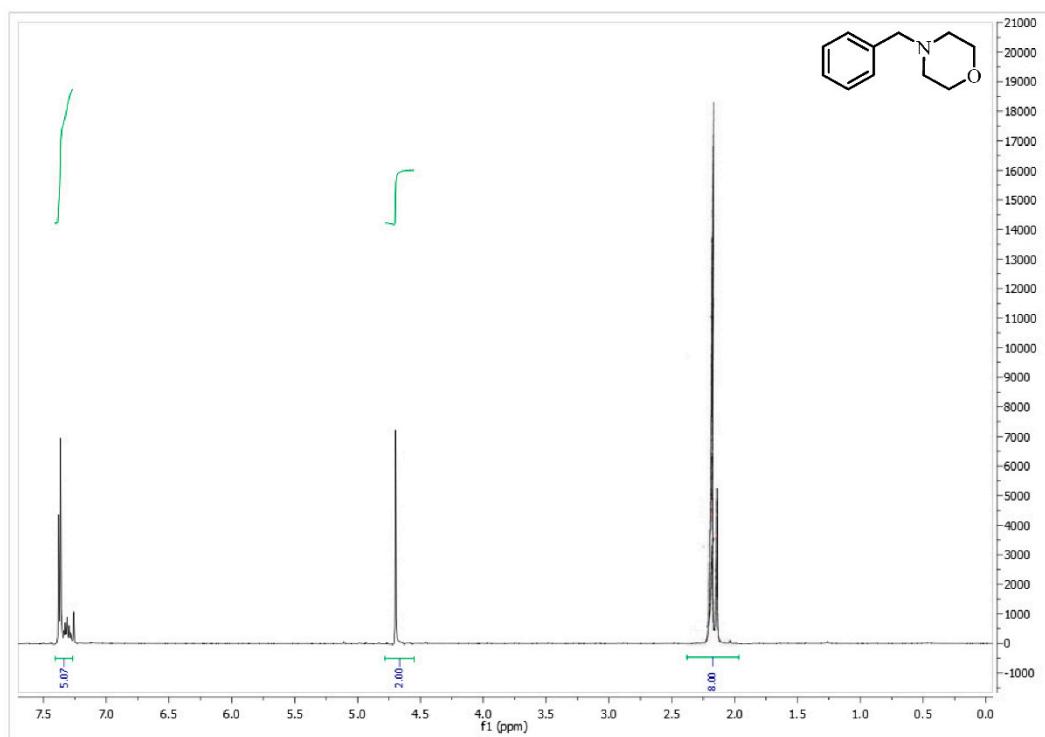


Figure S23. 3al, <sup>1</sup>H-NMR.

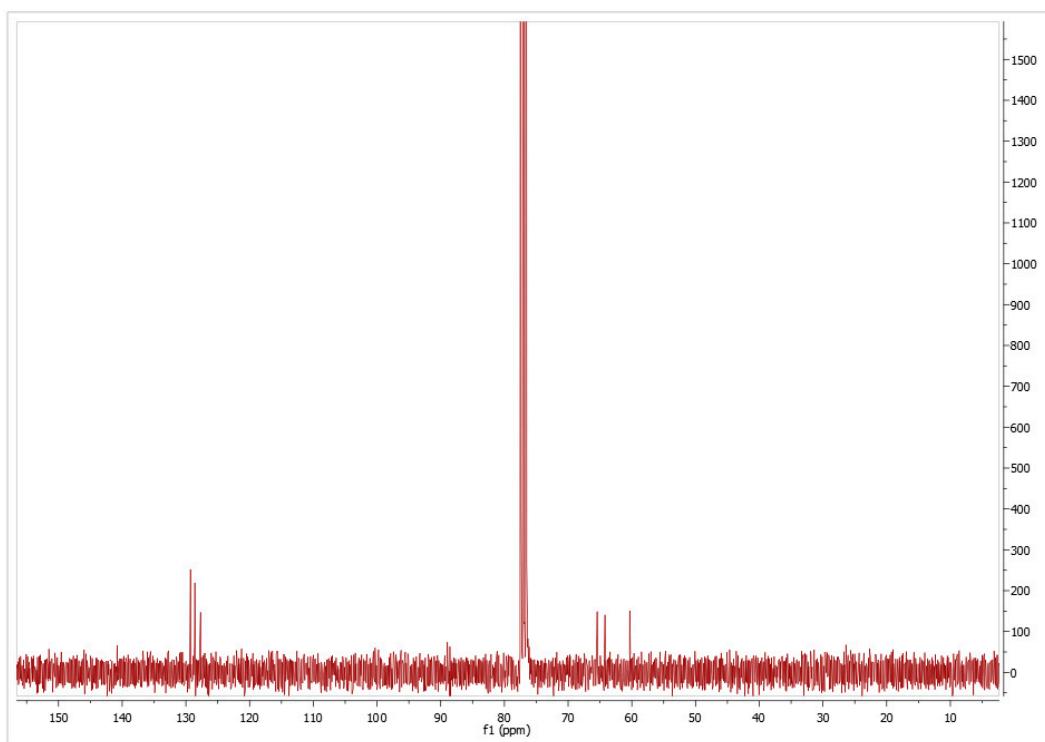
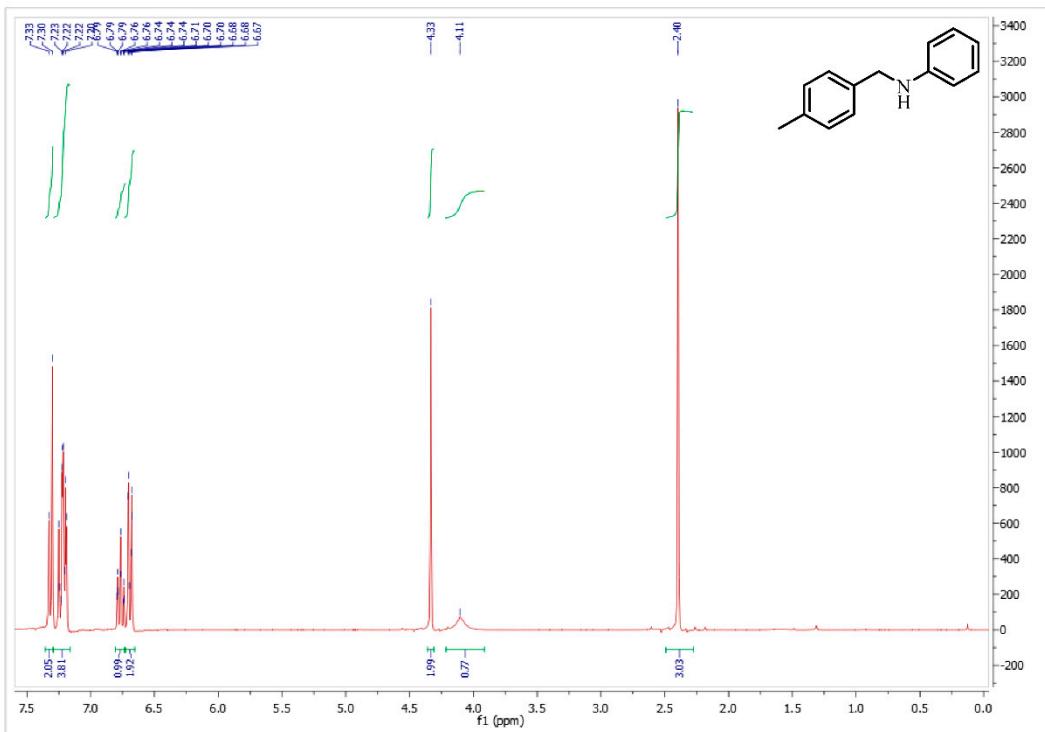
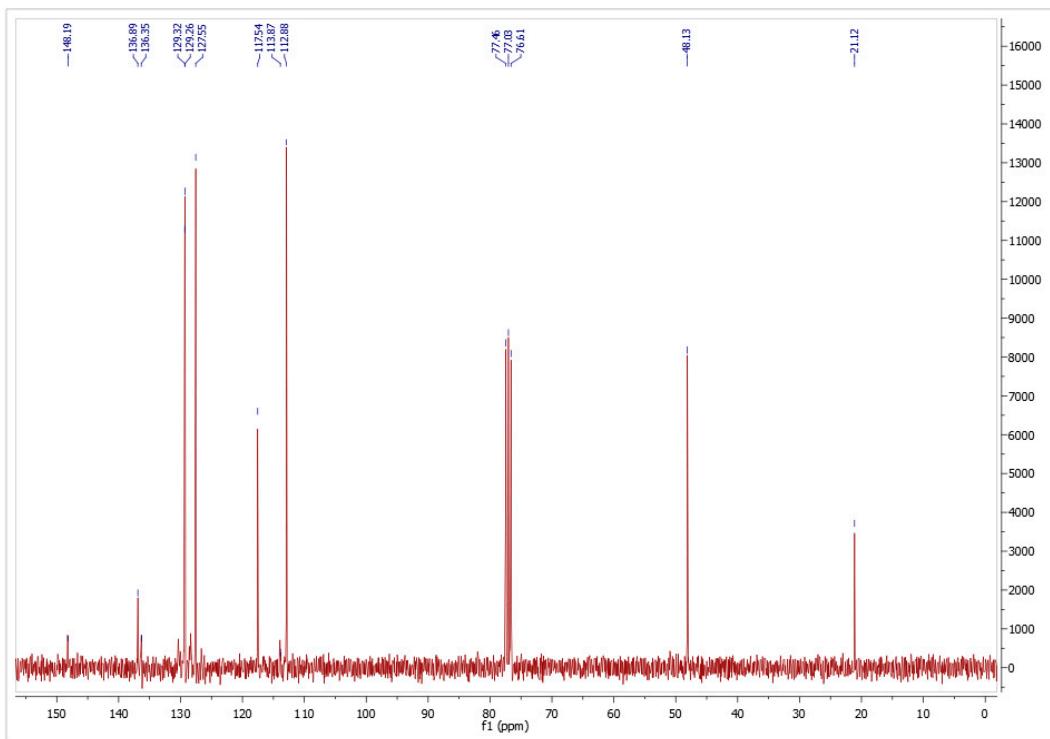
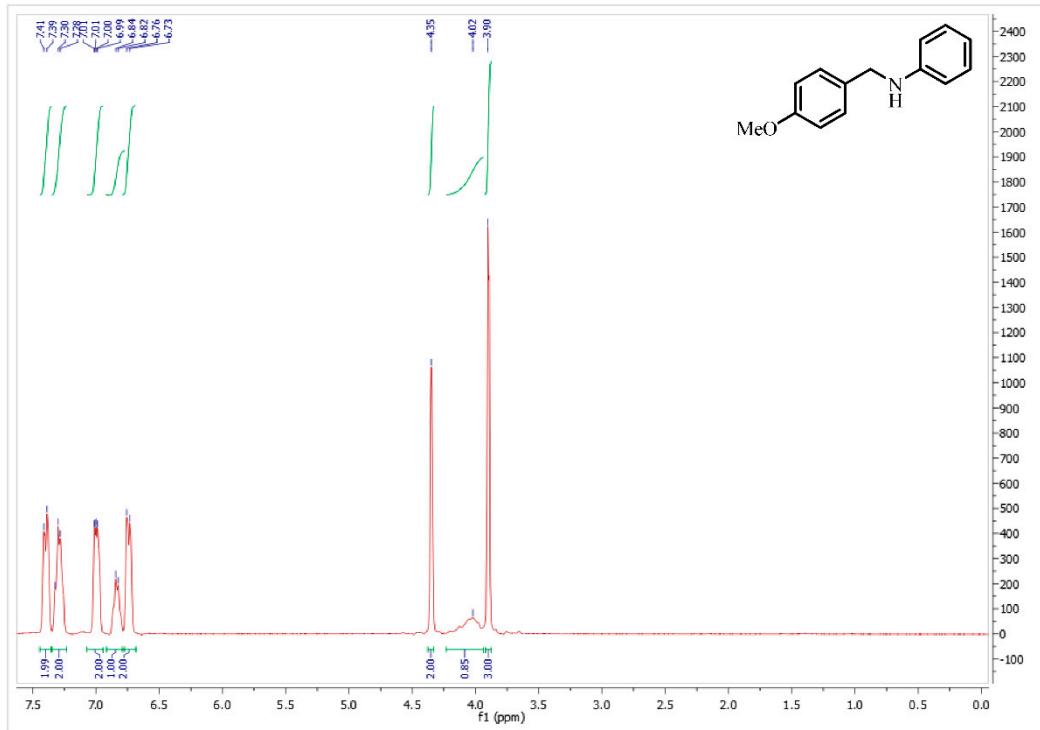
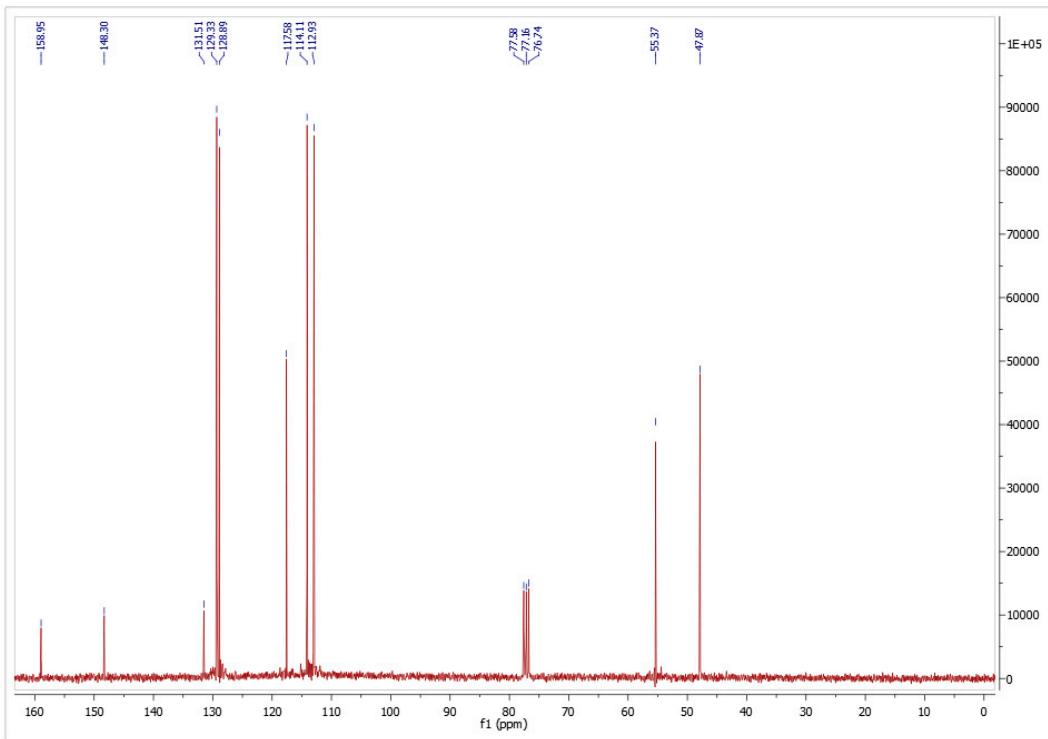
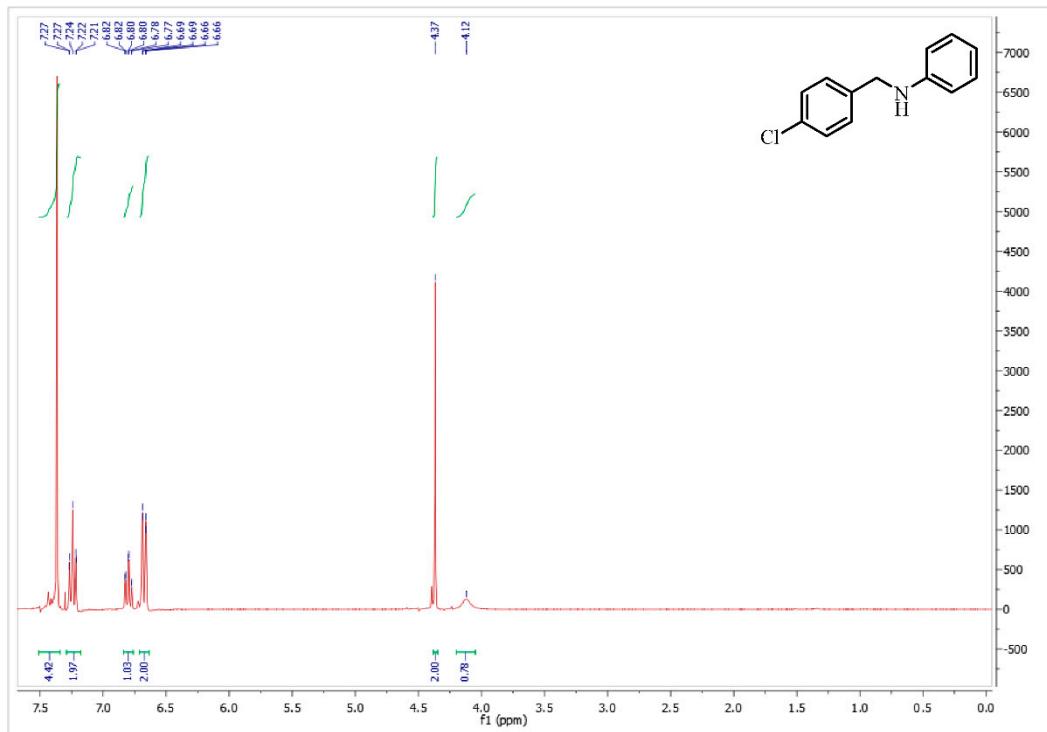
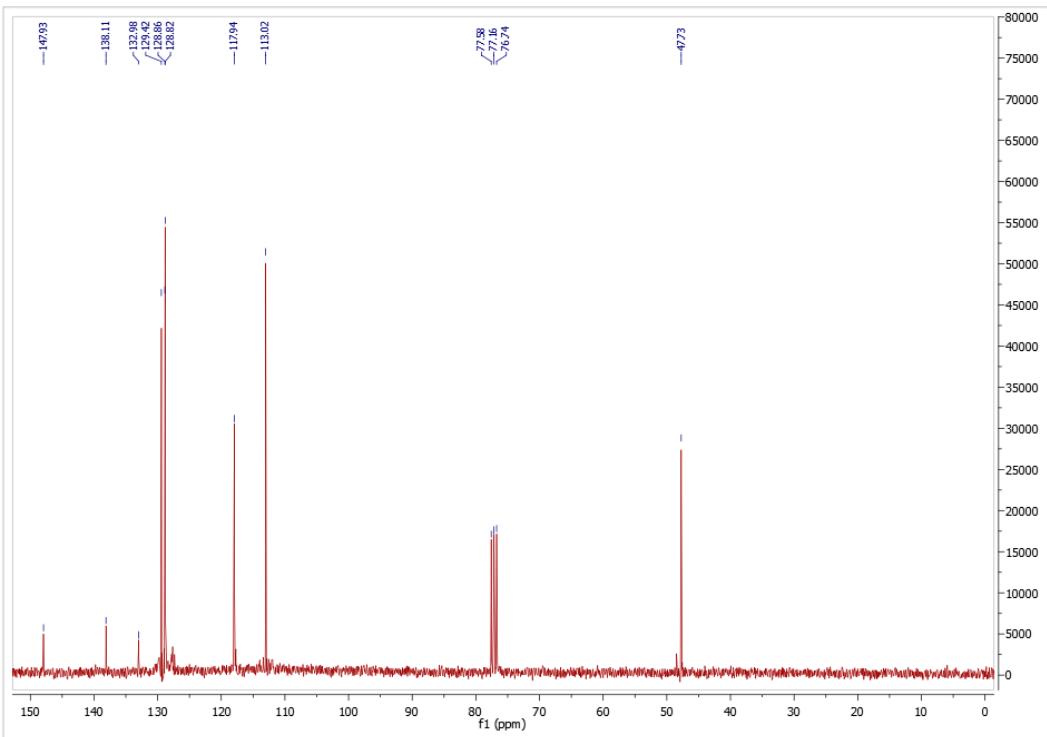


Figure S24. 3al, <sup>13</sup>C-NMR.

Figure S25. 3ba,  $^1\text{H}$ -NMR.Figure S26. 3ba,  $^{13}\text{C}$ -NMR.

Figure S27. 3ca,  $^1\text{H}$ -NMR.Figure S28. 3ca,  $^{13}\text{C}$ -NMR.

**Figure S29.** 3da,  $^1\text{H}$ -NMR.**Figure S30.** 3da,  $^{13}\text{C}$ -NMR.

