

Electronic Supplementary Information for

Synthesis of pyramidal tetraarylborate pentads

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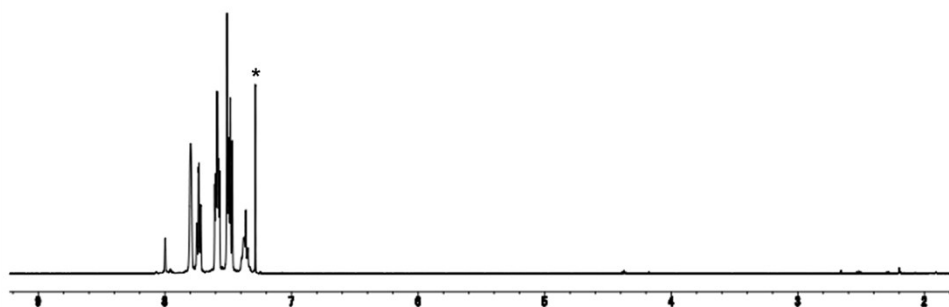
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(a)



(b)

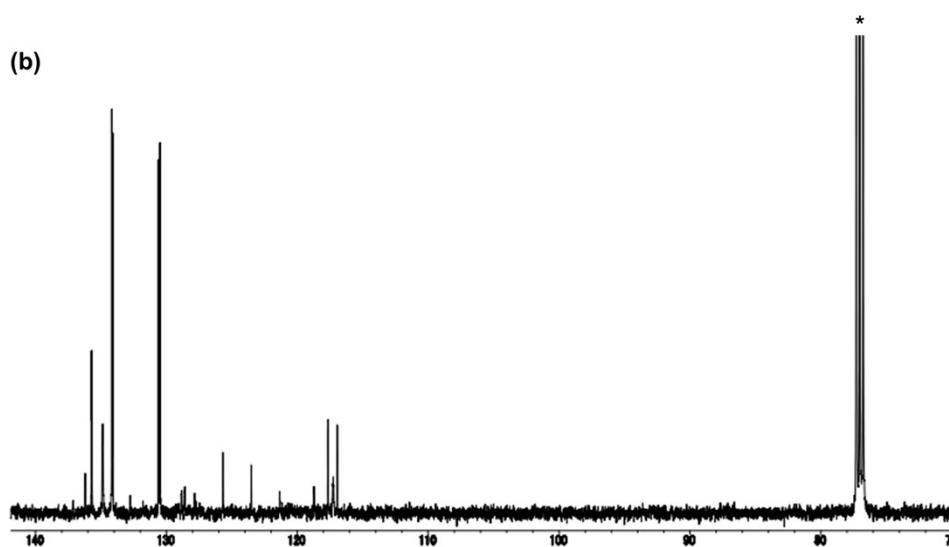


Figure S1. (a) ^1H NMR and (b) ^{13}C NMR spectrum of $(\text{TPP})_5 \cdot \mathbf{1}$ in CDCl_3 at room temperature. The solvents peaks are marked as asterisk.

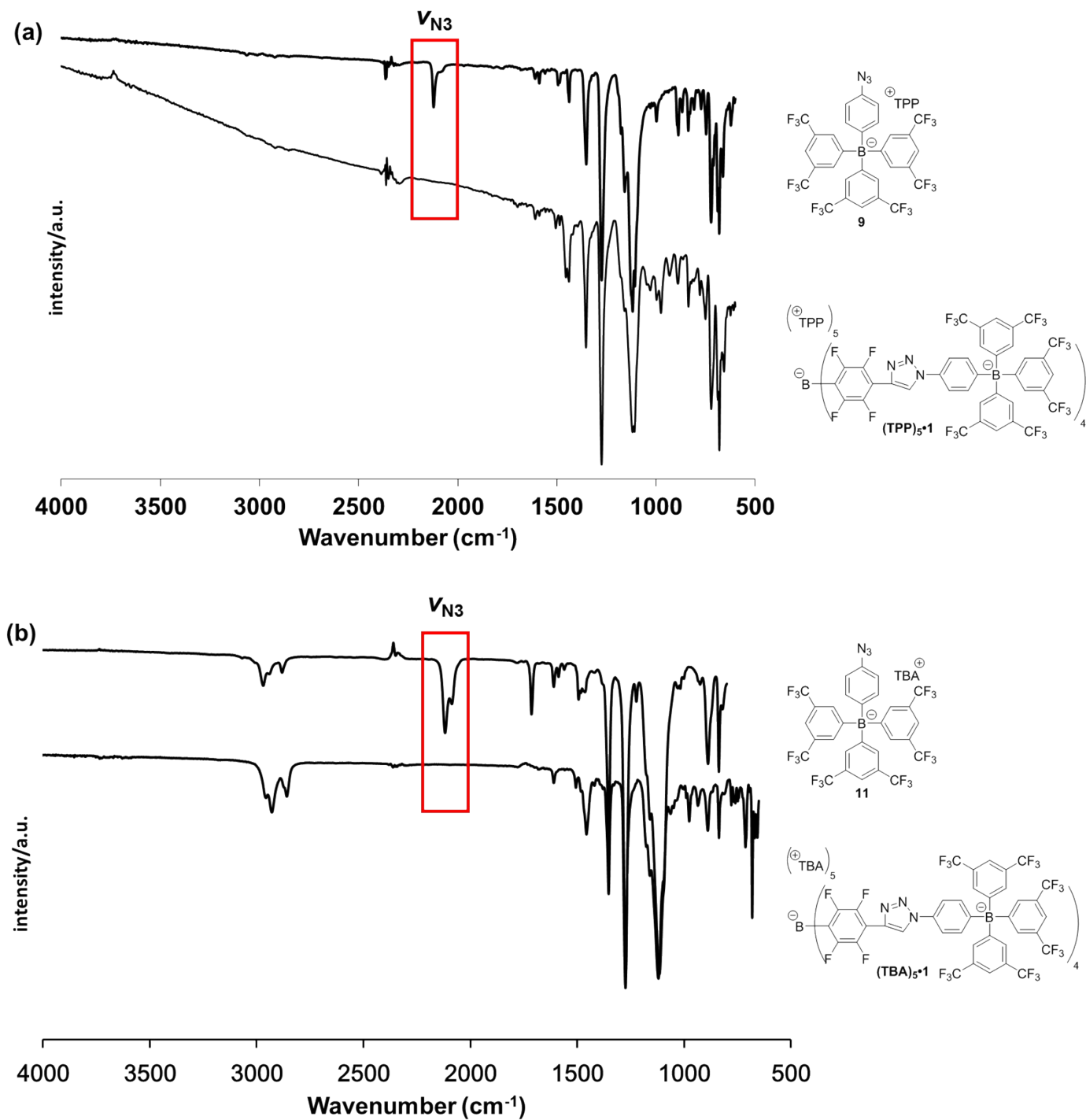


Figure S2. FT-IR spectra of (a) **9** and **(TPP)₅·1**, and (b) **11** and **(TBA)₅·1**.

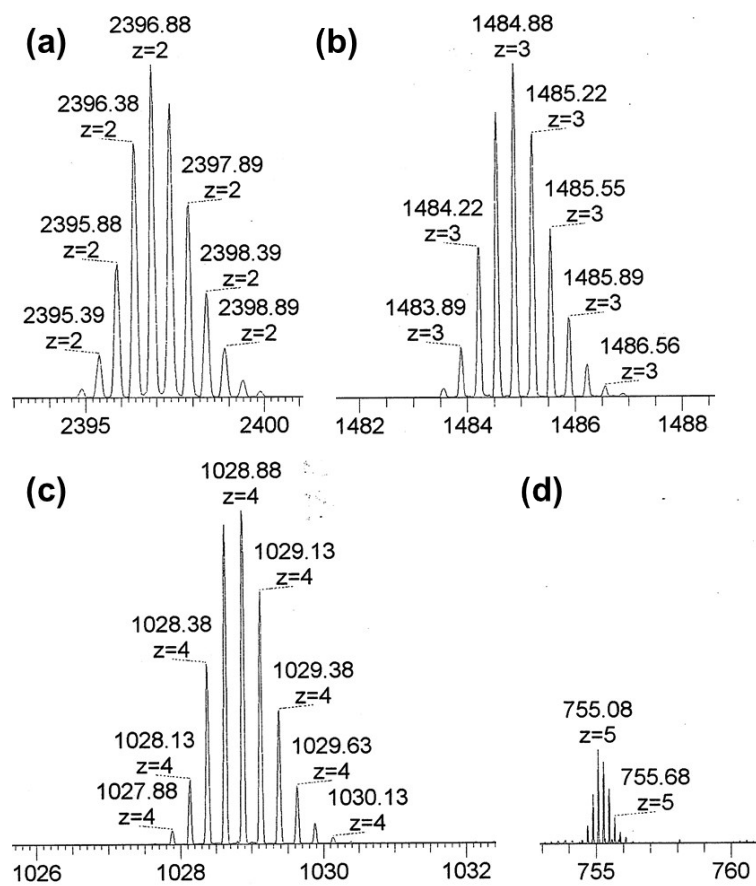


Figure S3. Electron-spray ionization mass spectrum (ESI-MS) of $(\text{TPP})_5 \cdot 1$ for (a) $z = 2$, (b) $z = 3$, (c) $z = 4$, (d) $z = 5$.

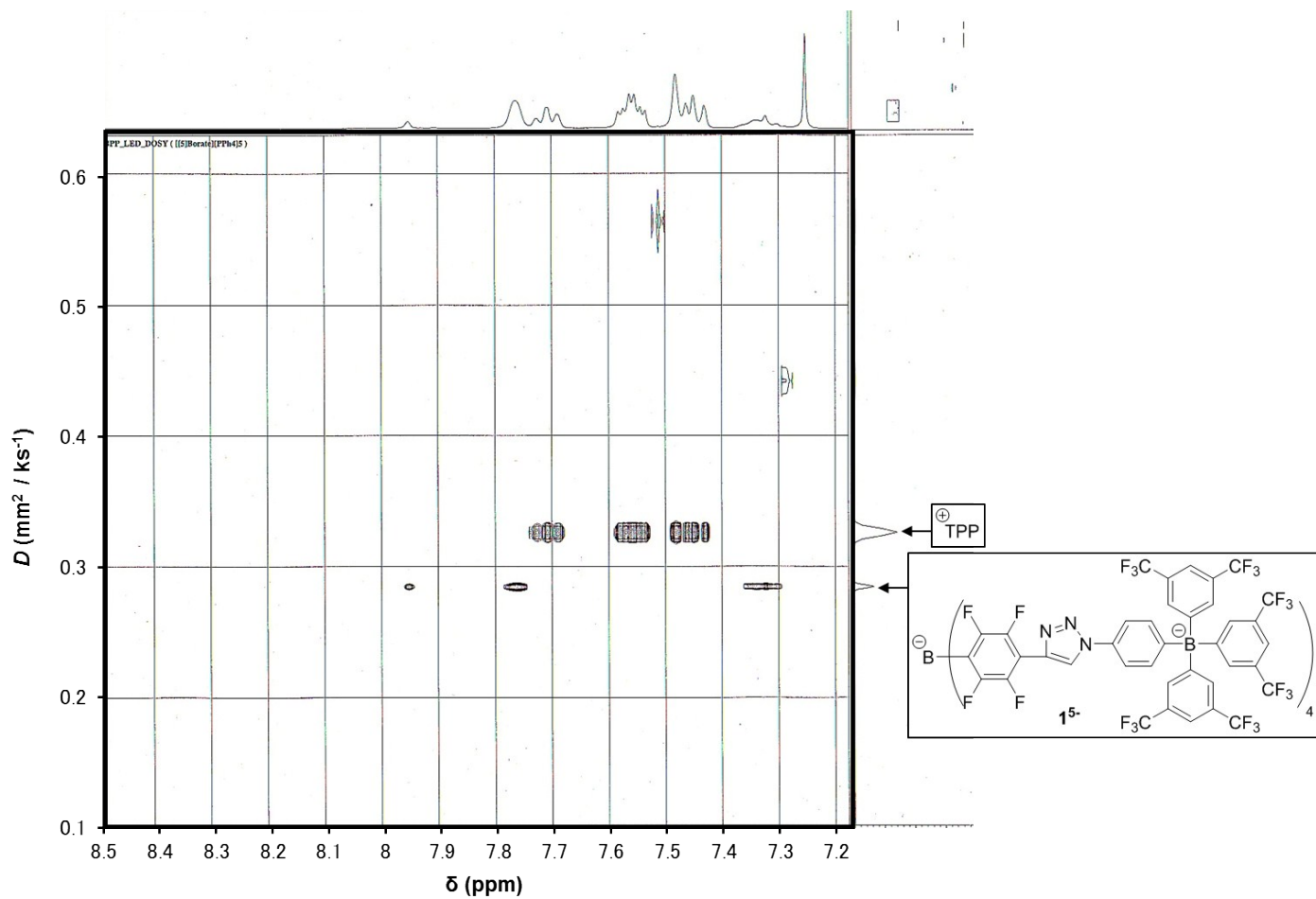


Figure S4. DOSY spectrum of (TPP)₅·**1** in CDCl₃ (2 mM) at 20 °C.