

Electronic Supplementary Information

Reactions of cadmium(II) nitrate with 4-(trimethylammonio)benzenethiolate in the presence of N-donor ligands

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Figure S1. Electronic spectra of the product derived from the reaction of $\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ and 2 equiv. of TabHPF_6 in the presence of Et_3N .	S3
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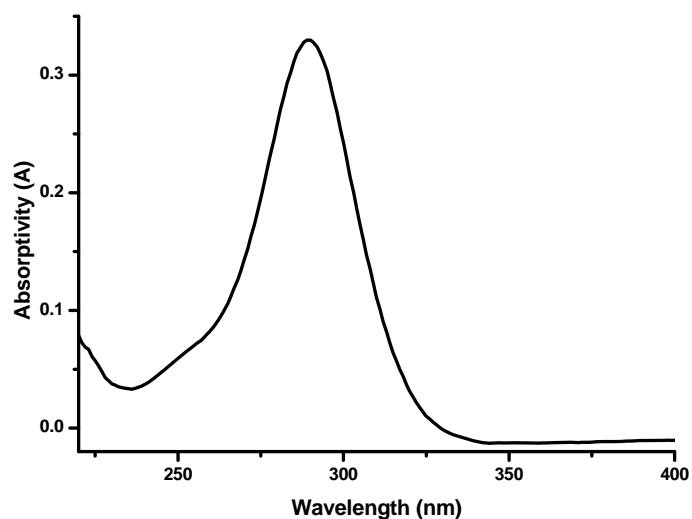
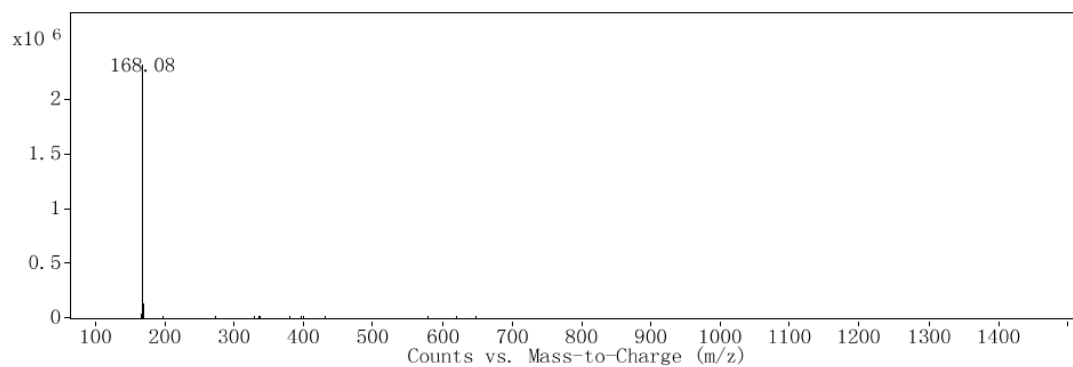
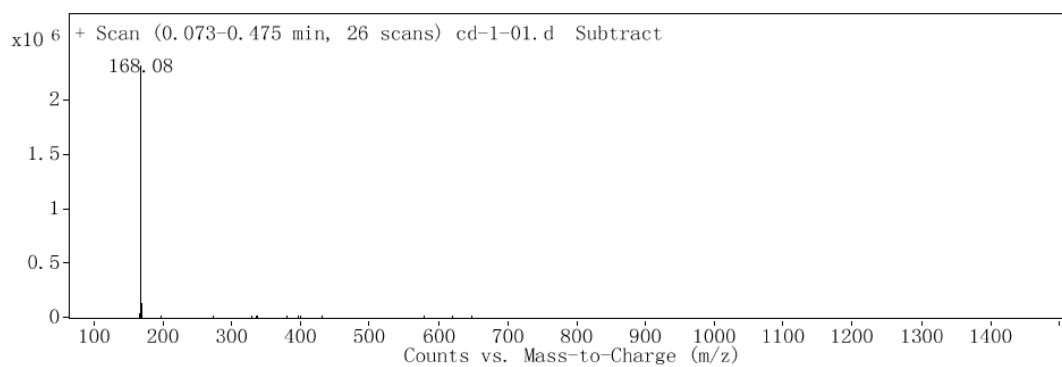


Figure S1. Electronic spectra of the product (4.2×10^{-4} M) derived from the reaction of $\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ and 2 equiv. of TabHPF_6 in the presence of Et_3N in MeCN in a 1-cm-thick glass cell.



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Figure S2. The positive-ion ESI mass spectrum of the product derived from the reaction of $\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ and 2 equiv. of TabHPF_6 in the presence of Et_3N .



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Figure S3. The positive-ion ESI mass spectrum of **1**.

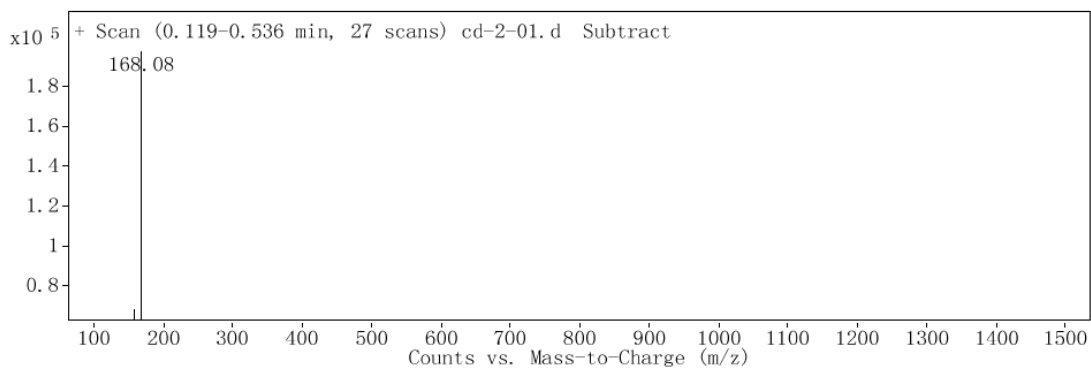
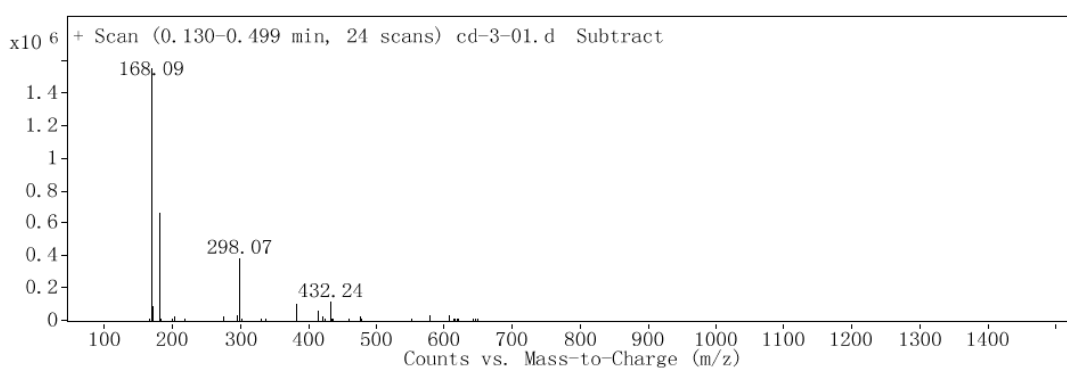
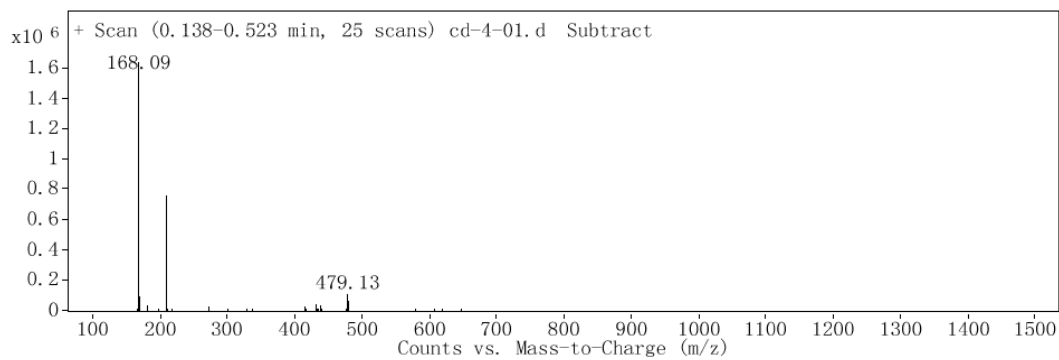


Figure S4. The positive-ion ESI mass spectrum of 2.



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Figure S5. The positive-ion ESI mass spectrum of 3.



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Figure S6. The positive-ion ESI mass spectrum of 4.

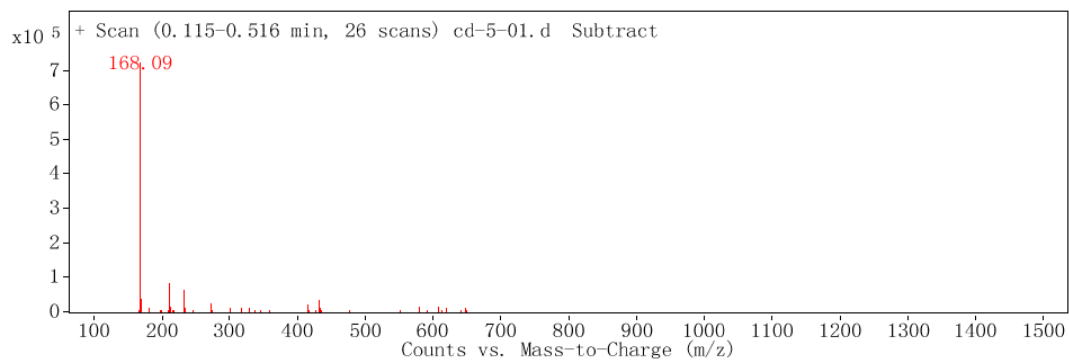
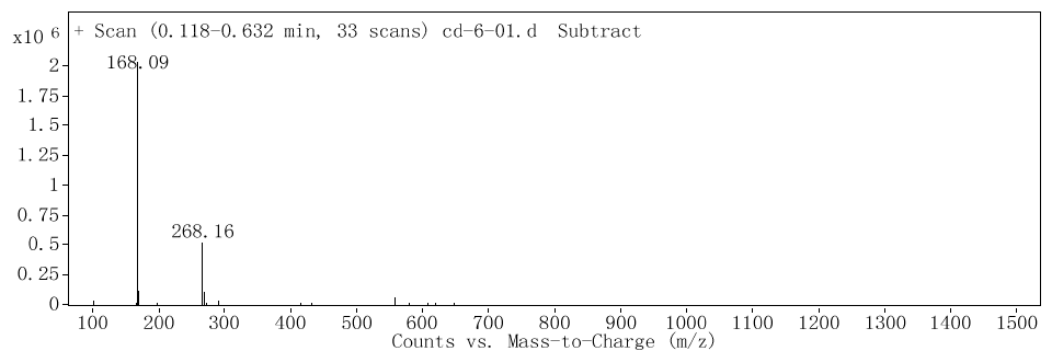


Figure S7. The positive-ion ESI mass spectrum of **5**.



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Figure S8. The positive-ion ESI mass spectrum of **6**.

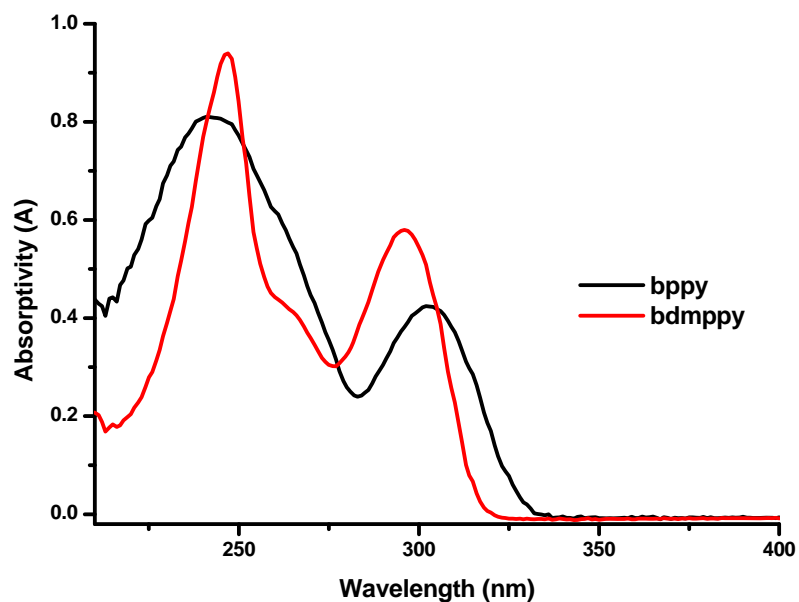


Figure S9. Electronic spectra of bppy and bdmppy in MeCN in a 1-cm-thick glass cell.