

## Electronic Supplementary Information (ESI)

### Reactions of a methylmercury zwitterionic thiolate complex 5 [MeHg(Tab)]PF<sub>6</sub> with various ligands: relevance to methylmercury detoxification

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<b>Figure S1.</b> The positive-ion ESI mass spectrum of [Hg(4,6-Me <sub>2</sub> pymS) <sub>2</sub> ].	S3
<b>Figure S2.</b> The positive-ion ESI mass spectrum of <b>1</b> .	S3
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<b>Figure S6.</b> The positive-ion ESI mass spectrum of <b>6</b> .	S4

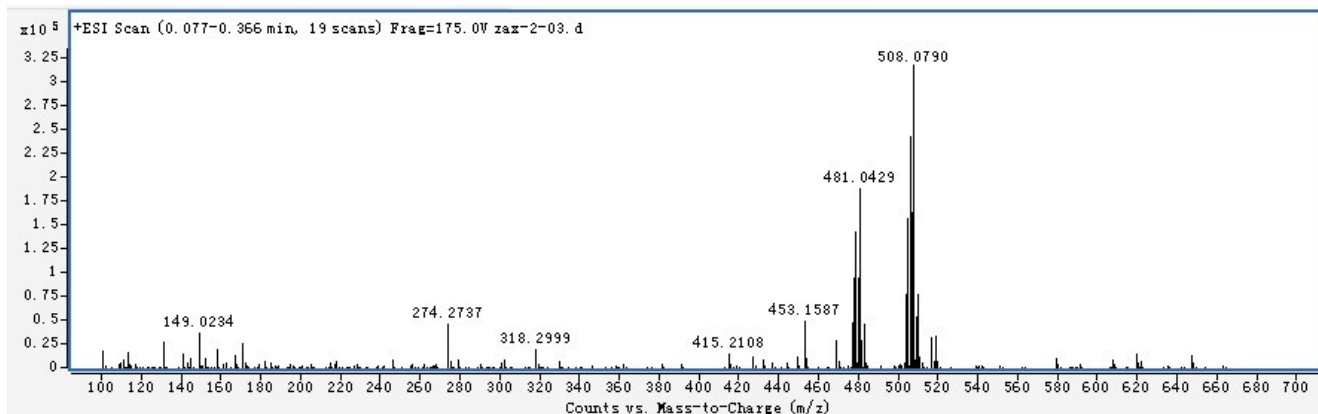
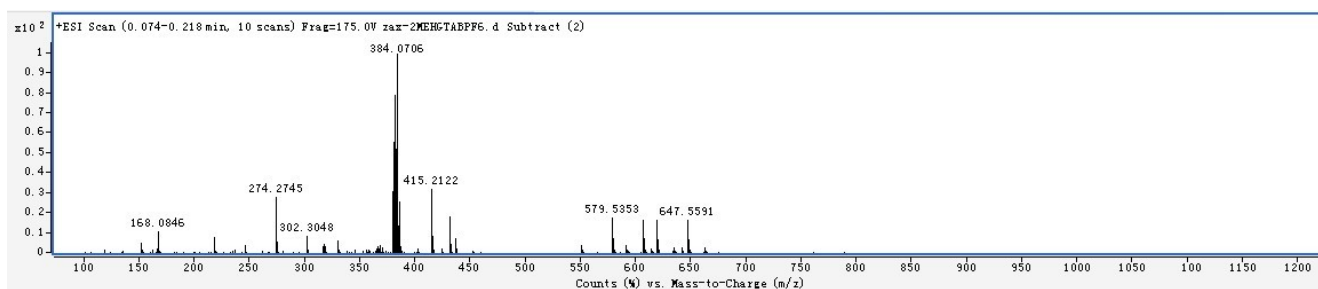


Figure S1. The positive-ion ESI mass spectrum of [Hg(4,6-Me<sub>2</sub>pymS)<sub>2</sub>].



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Figure S2. The positive-ion ESI mass spectrum of 1.

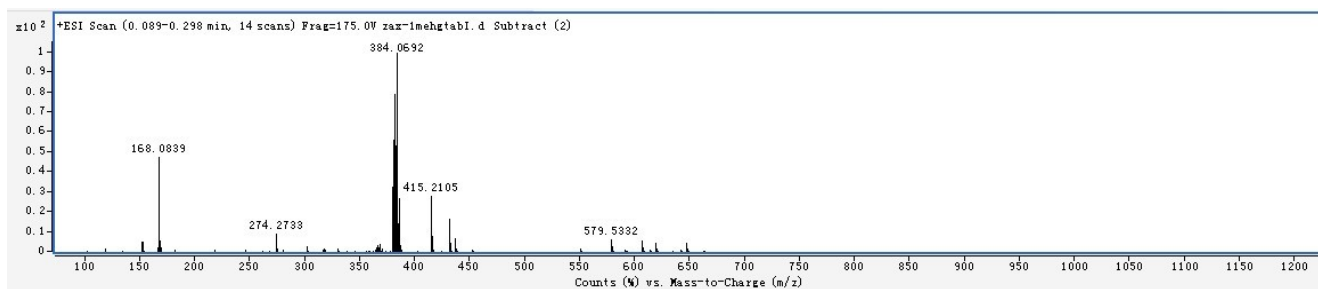
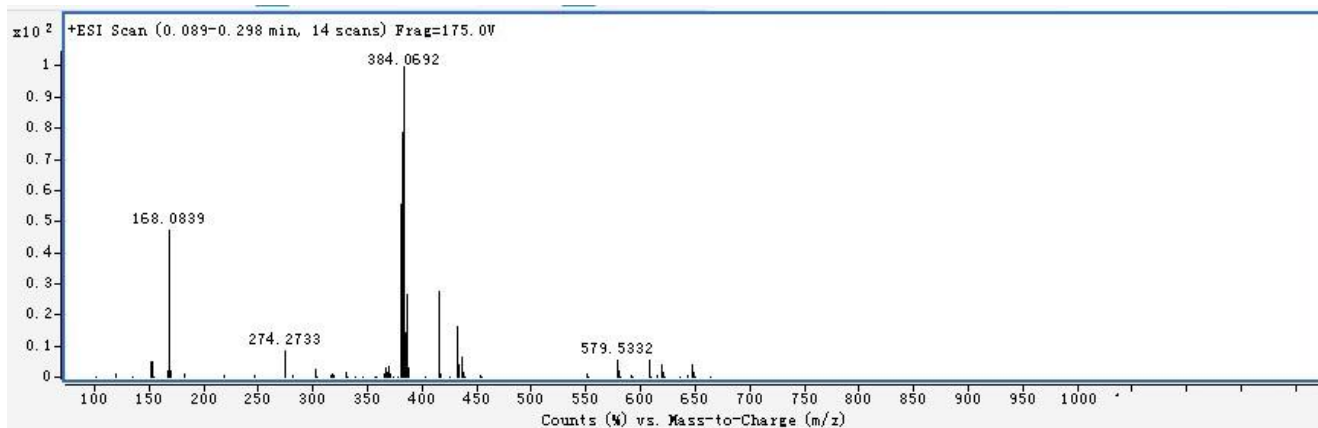


Figure S3. The positive-ion ESI mass spectrum of 2.



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Figure S4. The positive-ion ESI mass spectrum of 3.

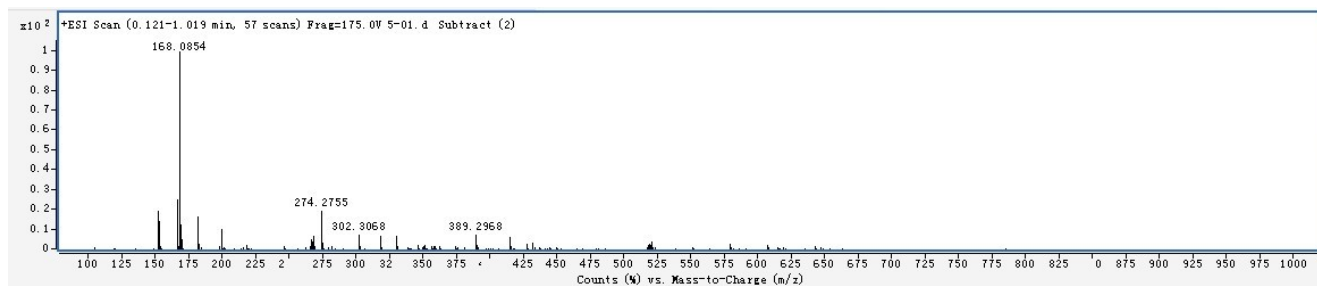


Figure S5. The positive-ion ESI mass spectrum of **4**.

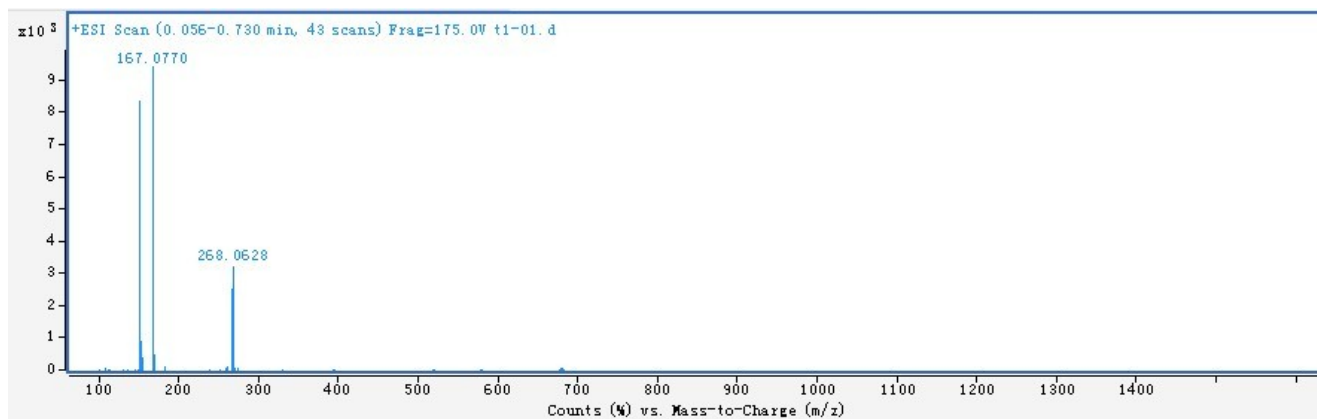


Figure S6. The positive-ion ESI mass spectrum of **6**.

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