

Supplementary Material

Chemical and biological studies on the soft coral *Nephthea* sp.

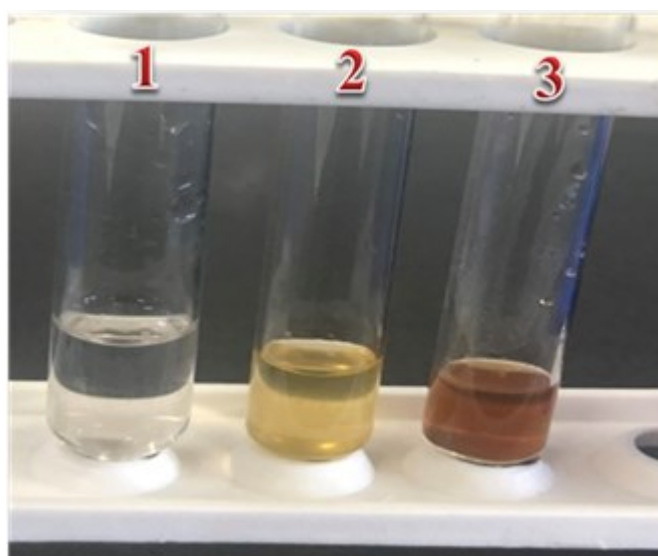


Fig. S1: Colour change during the preparation of AgNPs using the total extract of *Nephthea* sp. (1: silver nitrate solution; 2: total extract; 3: total extract after formation of AgNPs).

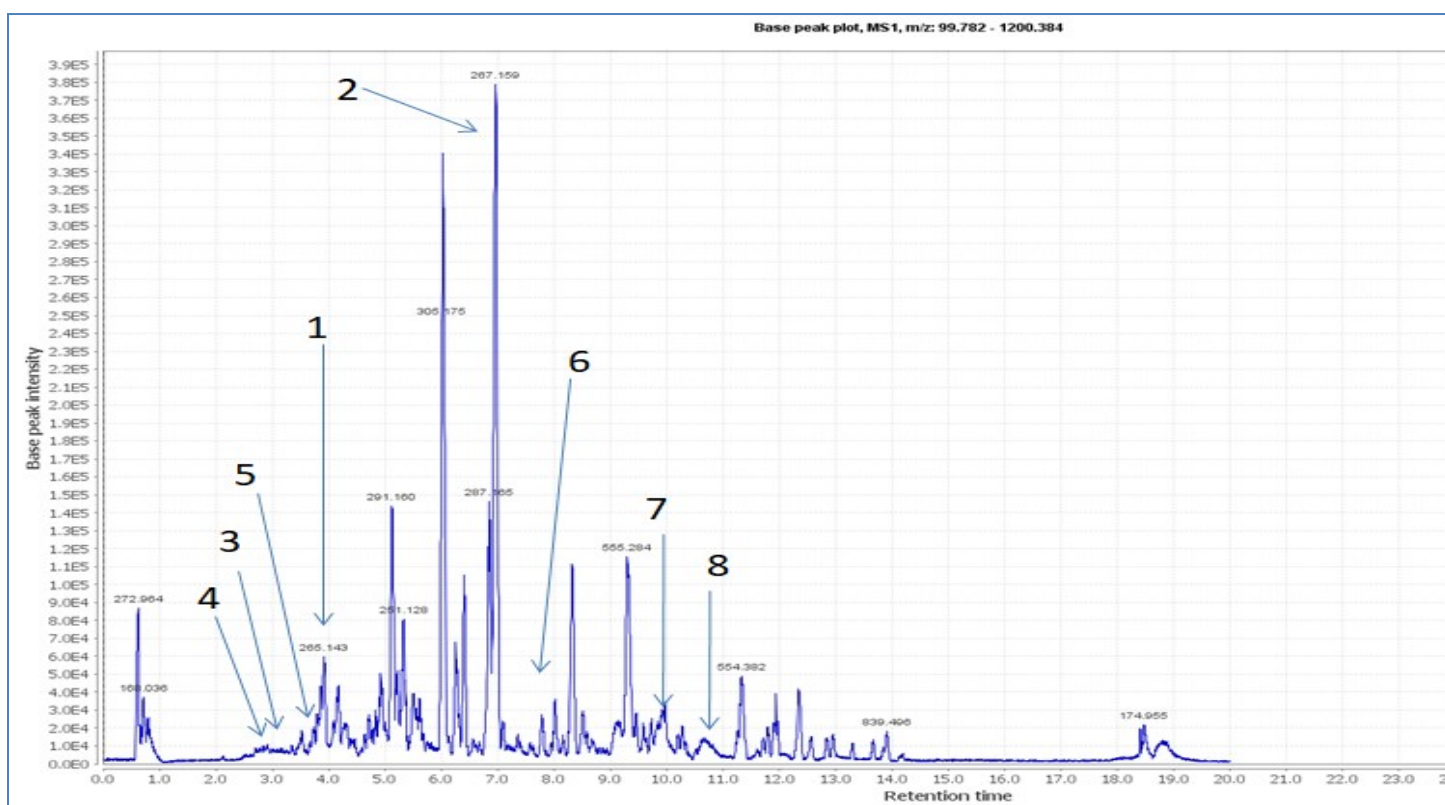


Fig. S2: LC-MS chromatogram of metabolomics analysis of *Nephthea* sp.

Table S1: A list of the characterized metabolites from *Nephthea* sp.

No.	Compound	Molecular formula	Retention time (min)	<i>m/z</i>
1	Philippinlin E	C ₁₅ H ₂₀ O ₄	6.25	265.143
2	5,8-Epidioxy-11-hydroperoxy-6-eudesmen	C ₁₅ H ₂₄ O ₄	5.29	267.159
3	Paralemnolin L	C ₁₇ H ₂₄ O ₃	3.30	276.196
4	Laevinone A	C ₁₇ H ₂₂ O ₄	3.22	289.141
5	Nardosinanol F	C ₁₇ H ₂₂ O ₄	3.86	291.158
6	Nardosinanol I	C ₁₆ H ₂₄ O ₅	8.42	297.151
7	Dendronpholide N	C ₂₅ H ₄₂ O ₈	10.23	469.262
8	Dendronesterol B	C ₂₉ H ₅₀ O ₆	11.31	494.361