

Electronic Supplementary Information (ESI) - New Journal of Chemistry

Synthesis, characterisation and self-assembly behaviour of emissive surfactant–ruthenium(II) complexes

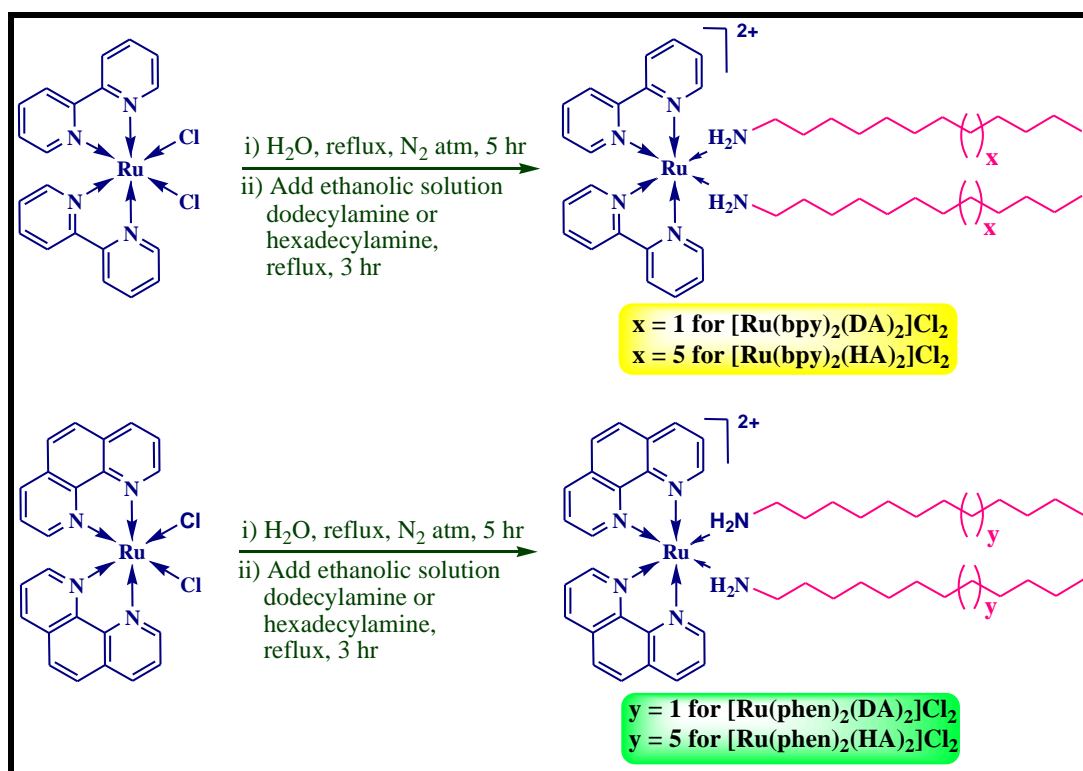
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Scheme S1. Schematic representation of synthesis of double chain surfactant–ruthenium(II) complexes.

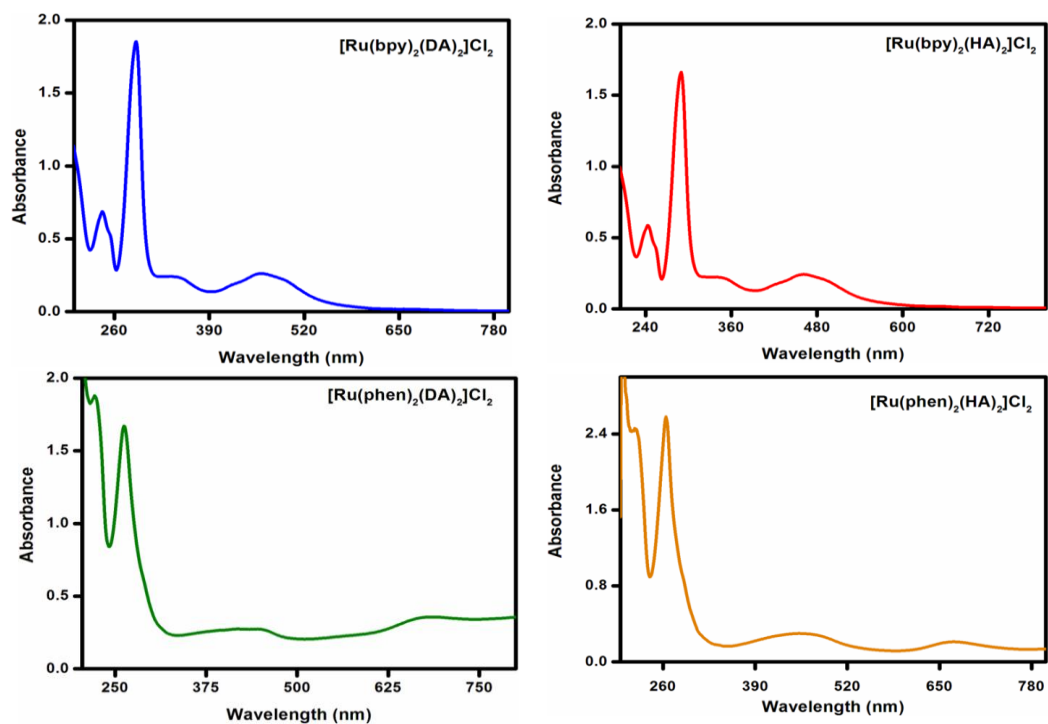


Fig.S1. UV-visible absorption spectra of complexes 1–4 (10 μM) in aqueous medium.

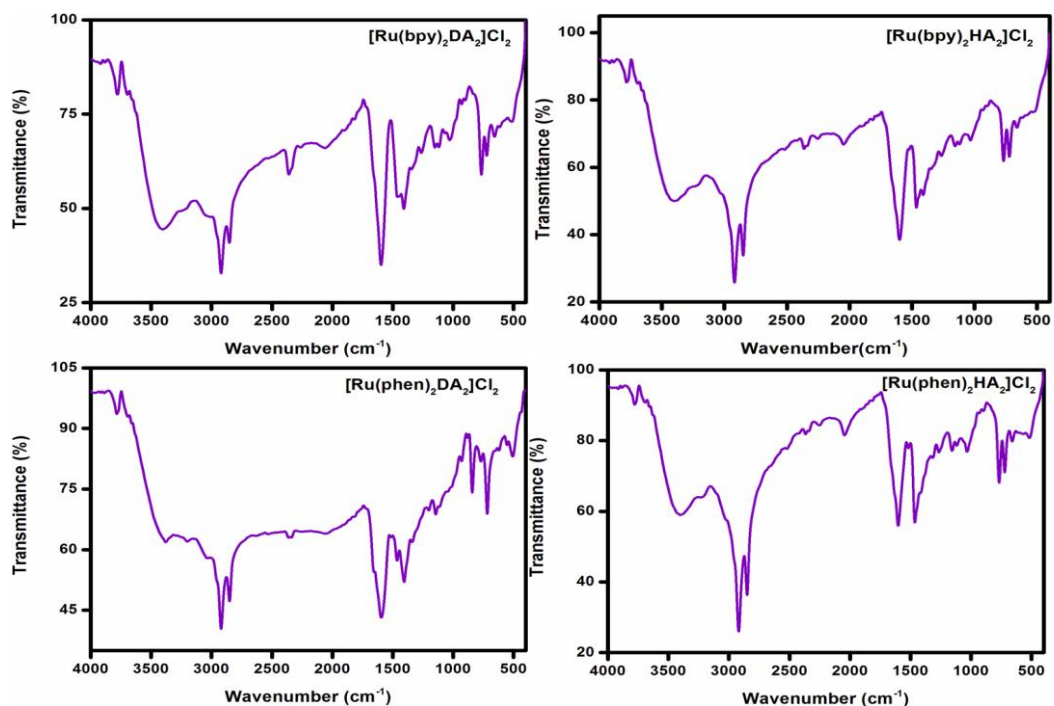


Fig.S2. FT-IR spectra of the complexes 1–4.

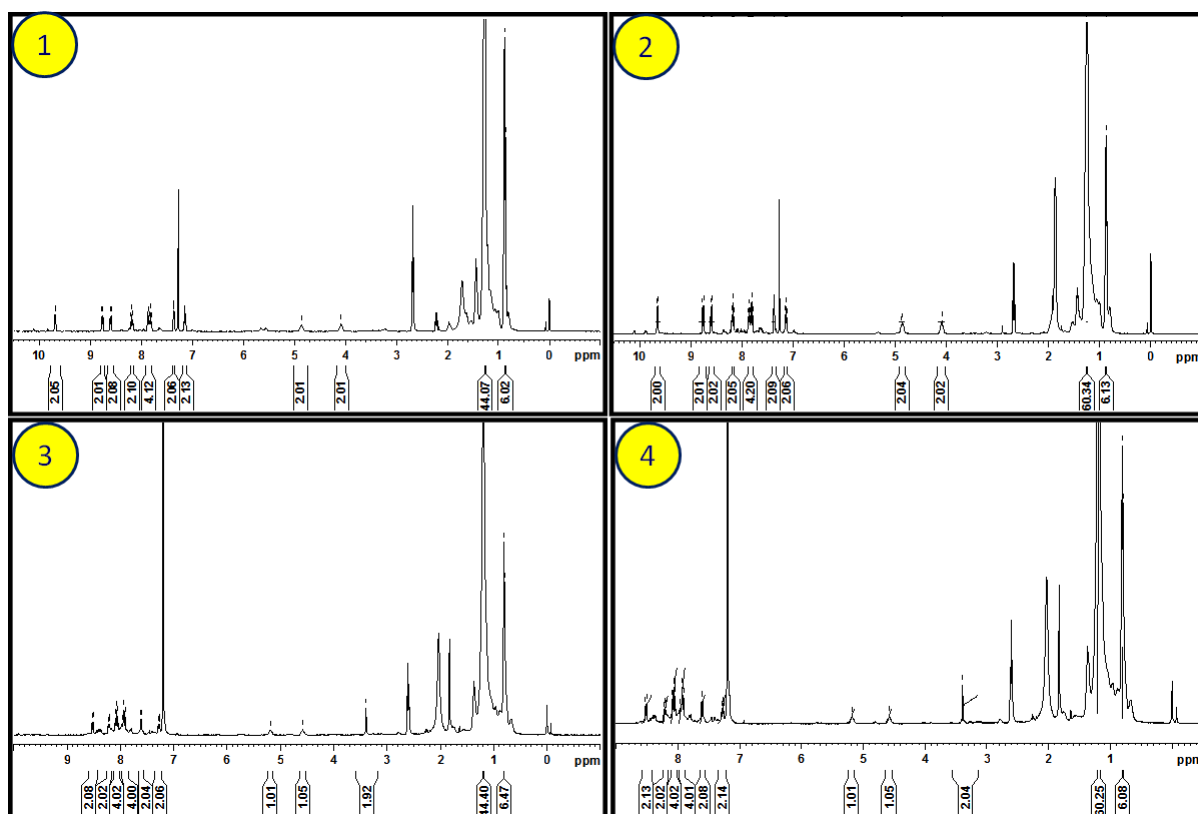


Fig.S3. $^1\text{H-NMR}$ spectra of complexes **1-4** in CDCl_3 .

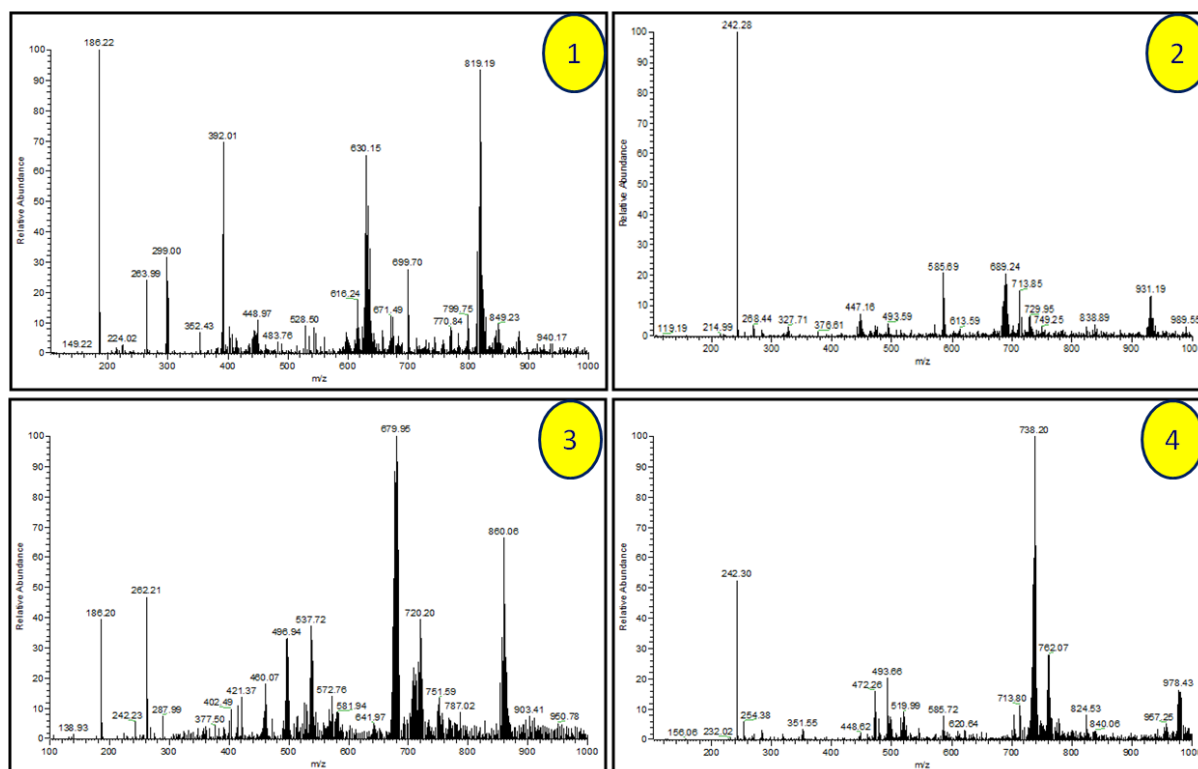


Fig. S4 ESI-mass spectra of complexes **1-4** in methanol.

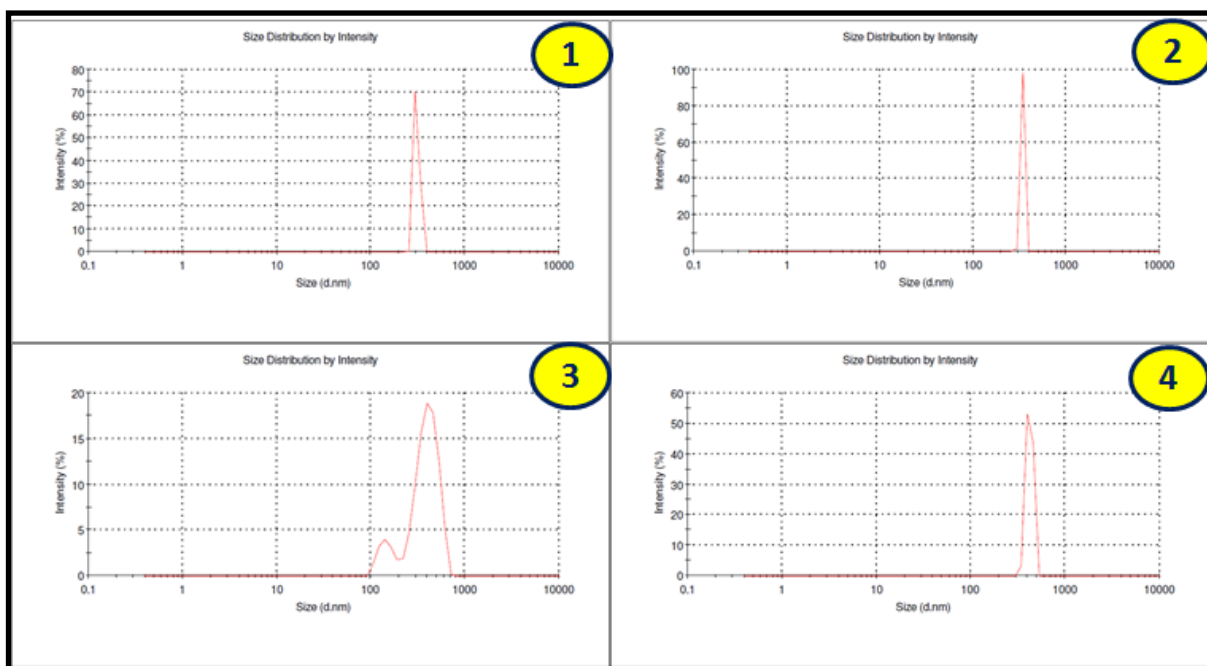


Fig.S5. DLS measurements for the complexes 1-4 (10 μM) in aqueous medium.

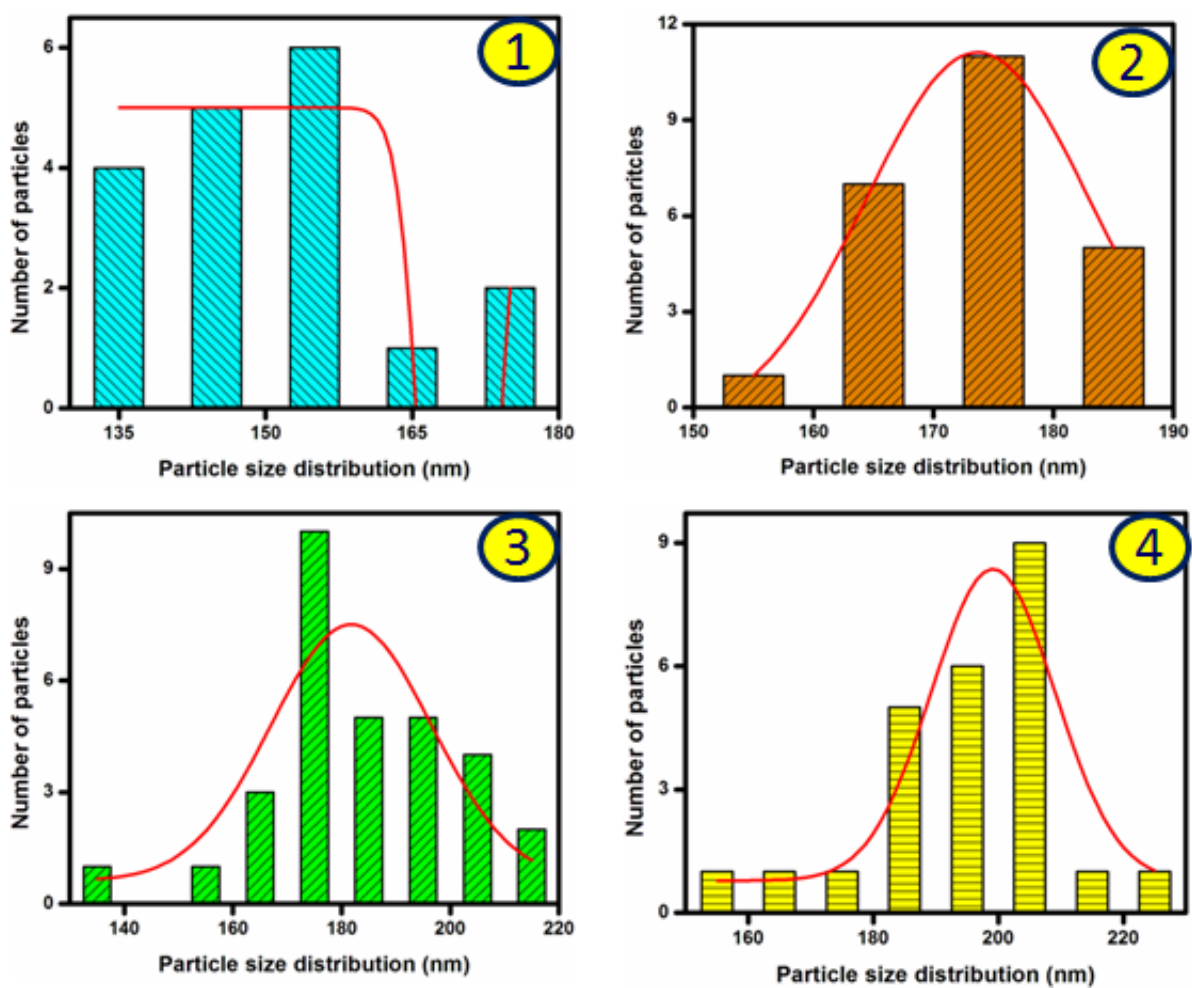


Fig. S6. Size distribution histogram plot from the FESEM images for the complexes 1-4.

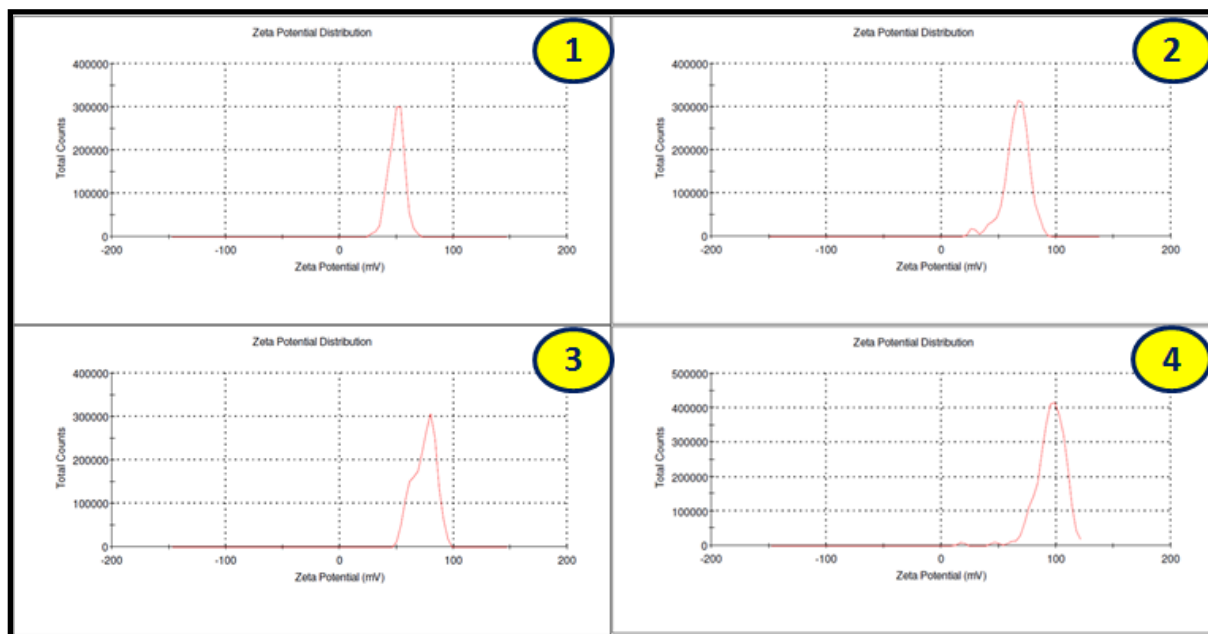


Fig.S7. Zeta potential measurements for the complexes 1–4 (10 μM) in aqueous medium.

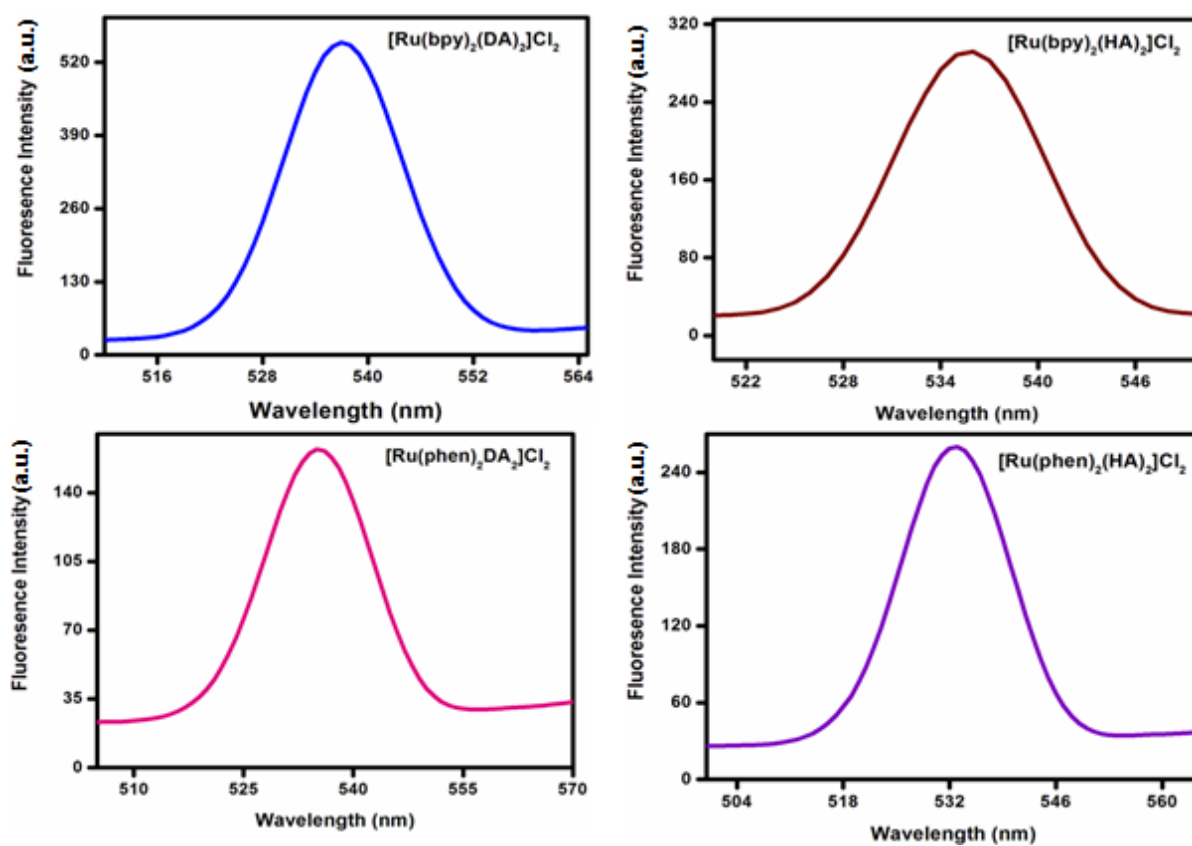


Fig.S8. Emission spectra of complexes 1 – 4 (50 μM) in aqueous medium at 298 K.