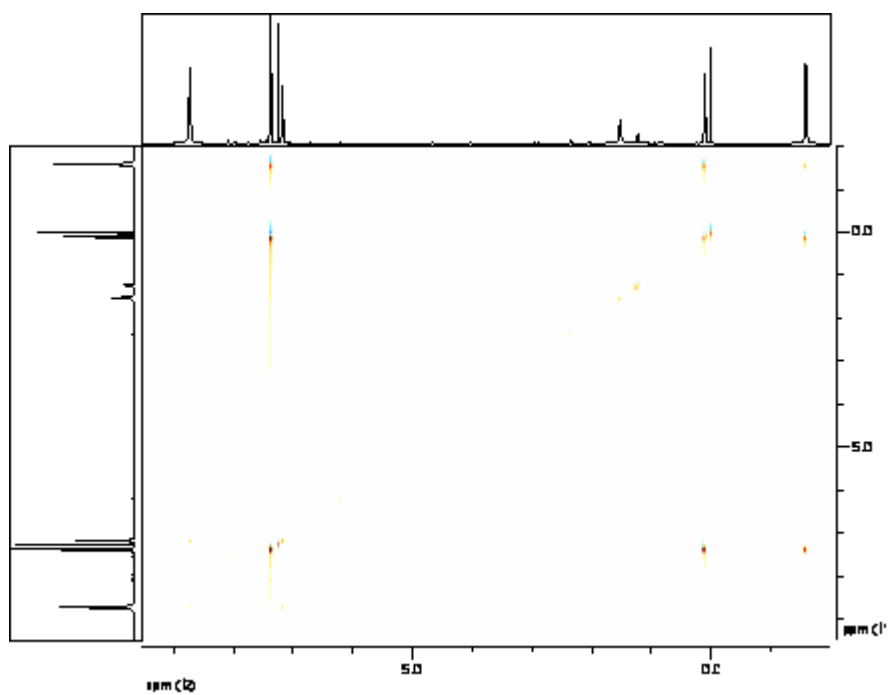
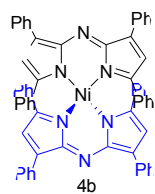


Supplementary Information

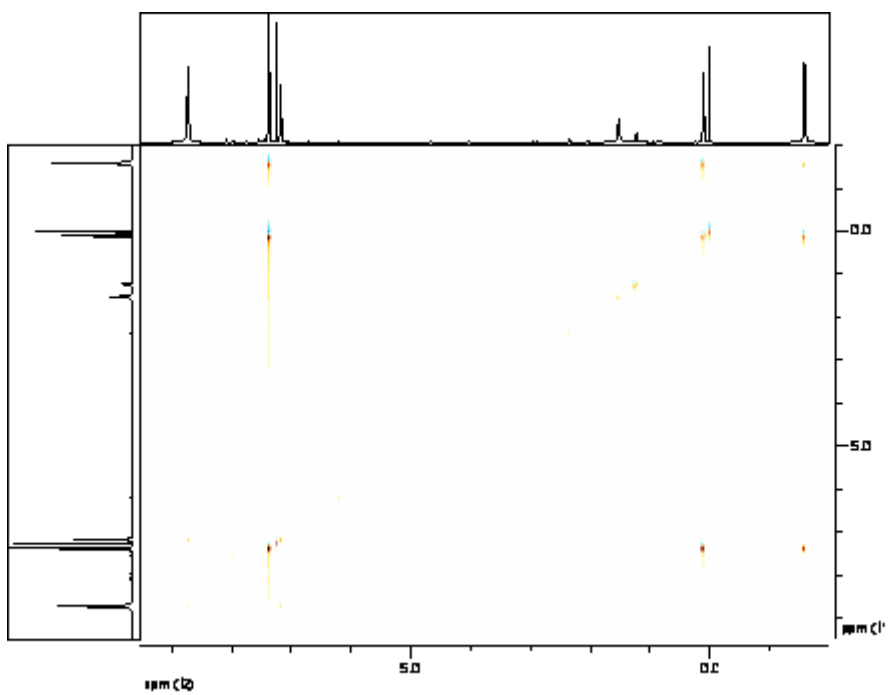
Co(II), Ni(II), Cu(II) and Zn(II) Complexes of Tetraphenylazadipyrromethene

Aniello Palma, John F. Gallagher, Helge Müller-Bunz, Joanna Wolowska, Eric J.L. McInnes and
Donal F. O'Shea*

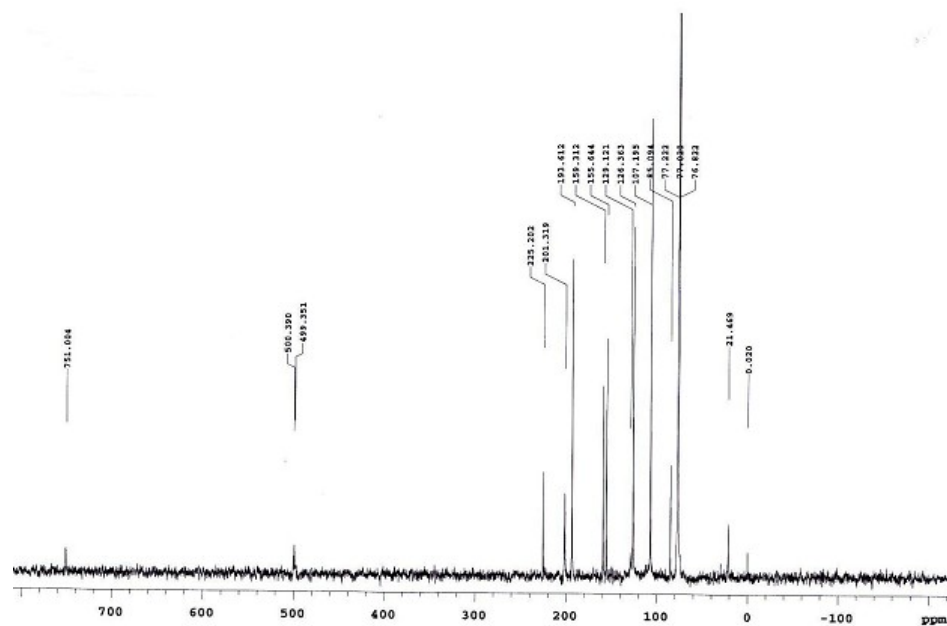
zqTOCSY 40°C of **4b**



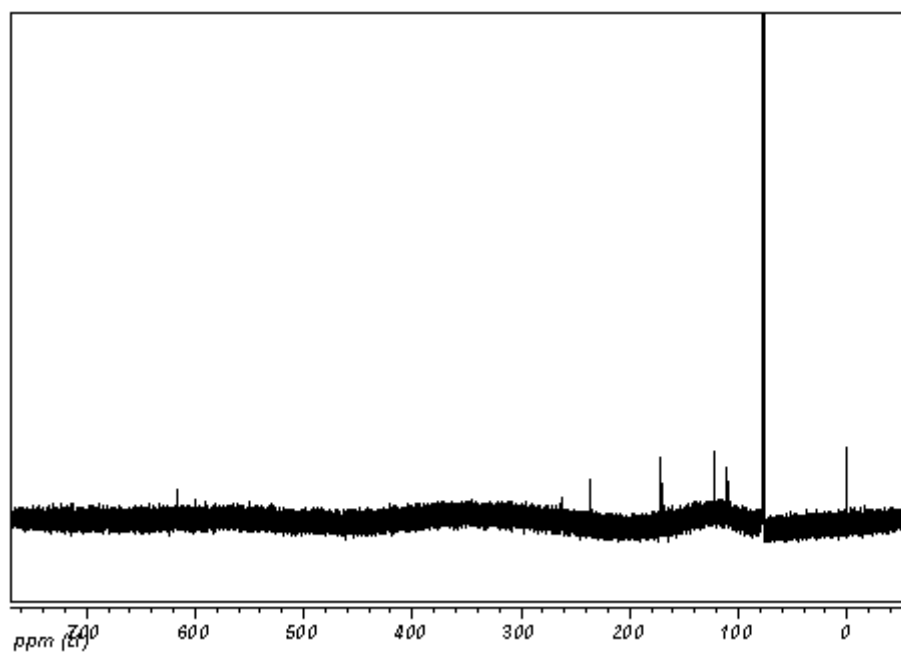
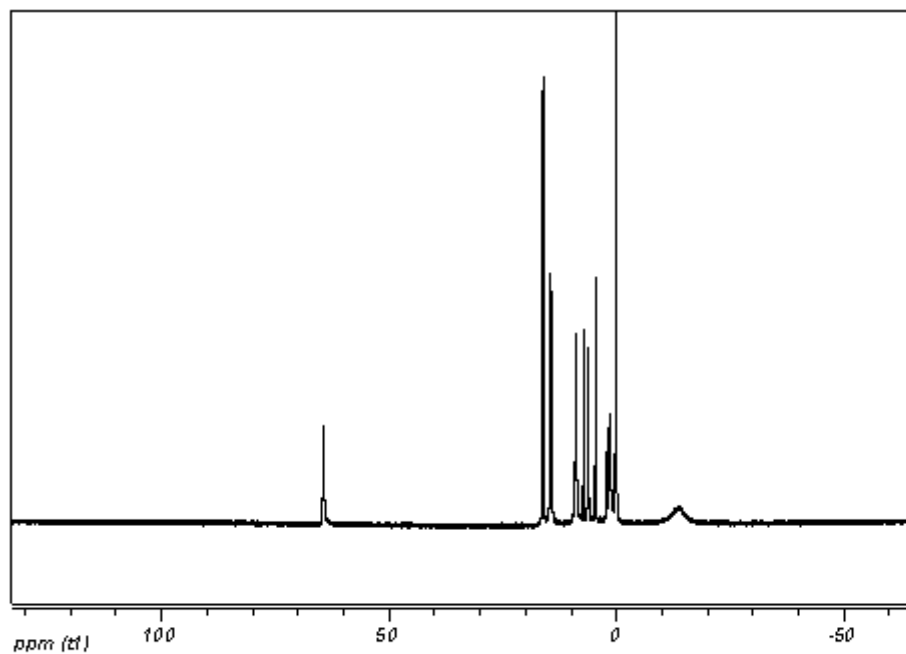
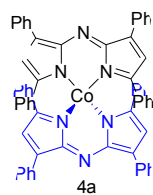
COSY of **4b**



^{13}C NMR of **4b**

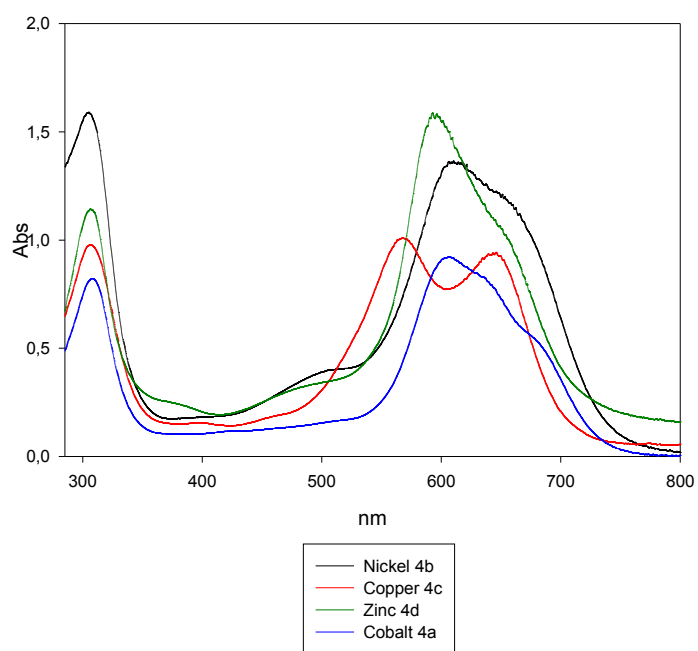


^1H NMR and ^{13}C NMR of **4a**

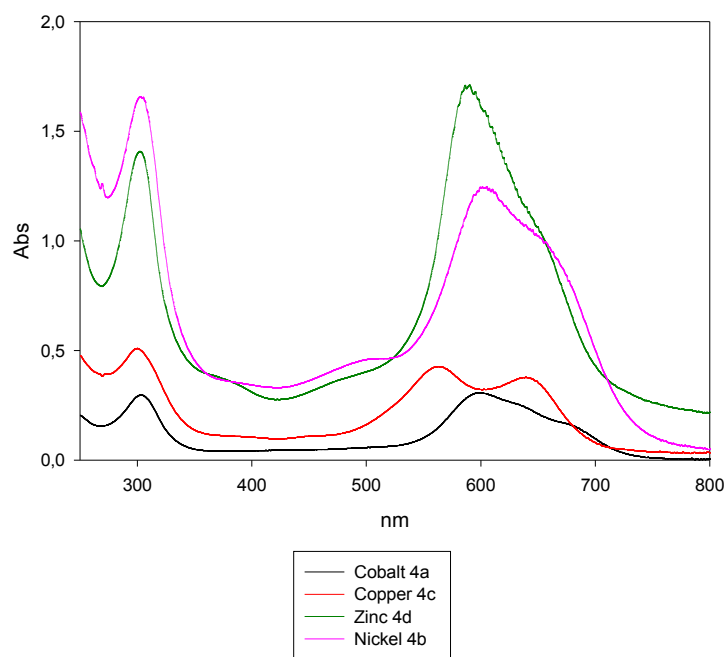


UV Spectra for **4a**, **4b**, **4c** and **4d**

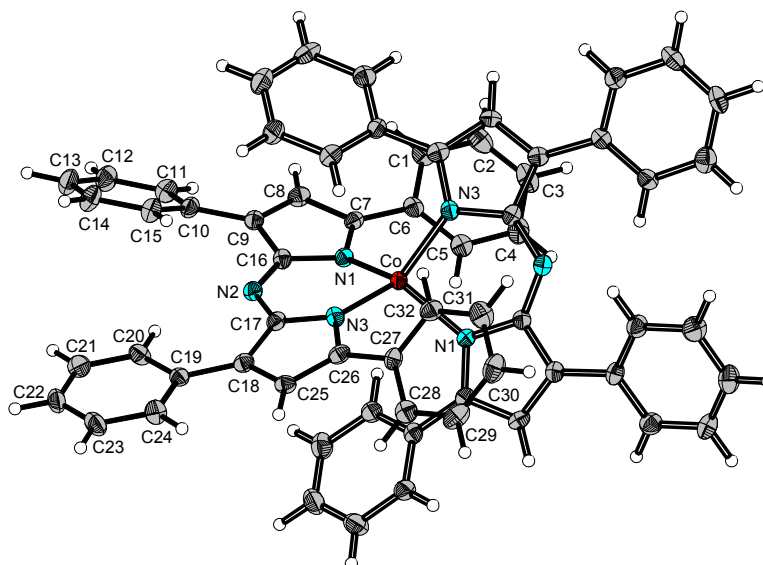
Toluene



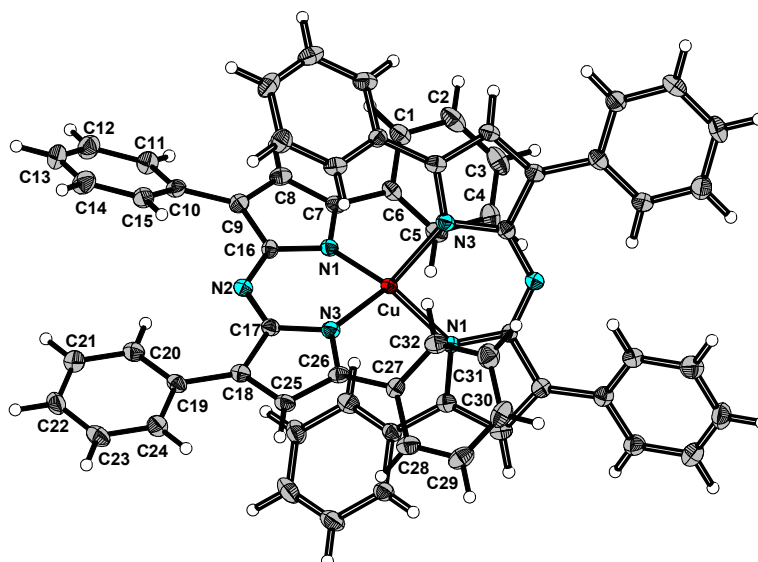
EtOH



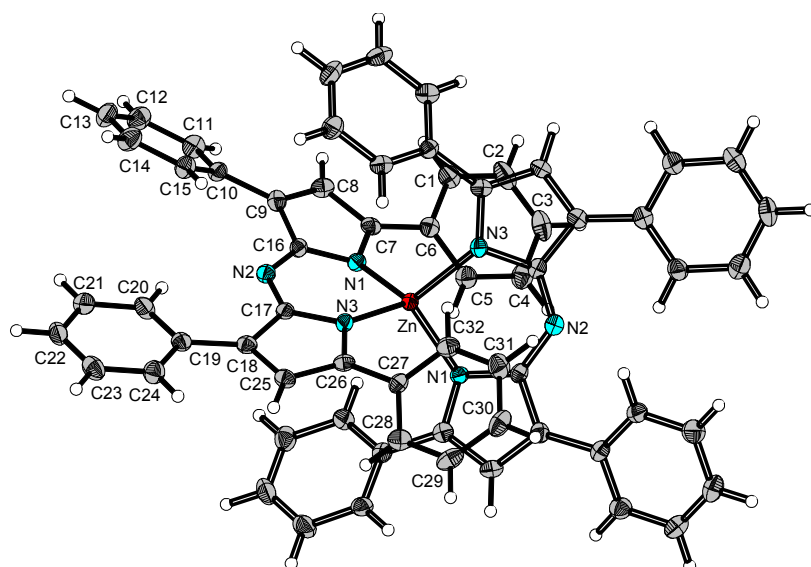
ORTEP Diagrams



Cobalt azadipyrromethane complex **4a**, molecule; thermal ellipsoids are drawn on the 50% probability level.



Copper azadipyrromethane complex **4c**, molecule; thermal ellipsoids are drawn on the 50% probability level.



Zn azadipyrromethane complex **4d**, molecule; thermal ellipsoids are drawn on the 50% probability level.

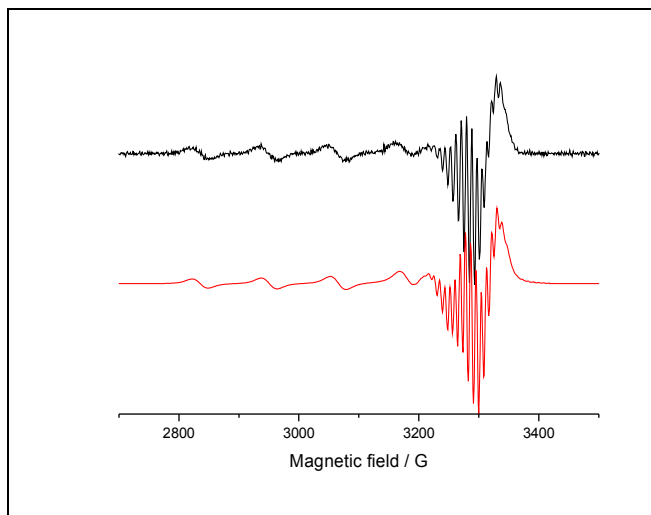


Fig. Second derivative X-band (ca. 9.7 GHz) EPR spectra of a frozen CH_2Cl_2 /toluene (10:1 v/v) solution of **4c**; experimental (black) and simulated (red) with $g_z = 2.248$, $g_{x,y} = 2.065$, $A_z(\text{Cu}) = 115$ G, $A_{x,y}(\text{Cu}) = 16$ G, $A_{x,y}(4 \times \text{N}) = 9.0$ G, $A_z(\text{N})$ arbitrarily small.