**Fig. S1** $^1$H NMR spectrum (500 MHz) of [(PaPy$_2$Q)Fe(NO)](ClO$_4$)$_2$ (2) in CD$_3$CN. The peaks around 2 ppm are due to solvent and water.
Fig. S2  Electronic absorption spectra of [(PaPy$_3$)Fe(NO)](ClO$_4$)$_2$ (1, solid line) and [(PaPy$_2$Q)Fe(NO)](ClO$_4$)$_2$ (2, dash line) in acetonitrile.