

Two-photon luminescence from polar bis-terpyridyl-stilbene derivatives of Ir(III) and Ru(II)

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SUPPLEMENTARY INFORMATION

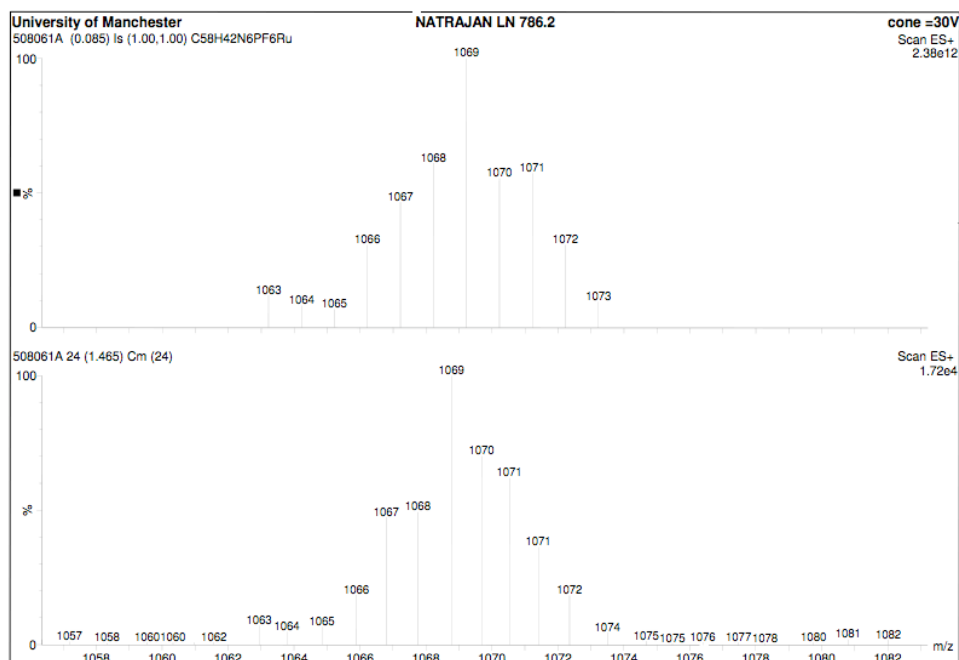


Fig. S1. Electrospray mass spectrum (positive mode) of $[\text{Ru}(\text{tpystilbene})_2] \cdot 2\text{PF}_6$; molecular ion corresponds to $\{\text{M} - \text{PF}_6\}^+$. Top, calculated spectrum; bottom, experimentally observed spectrum.

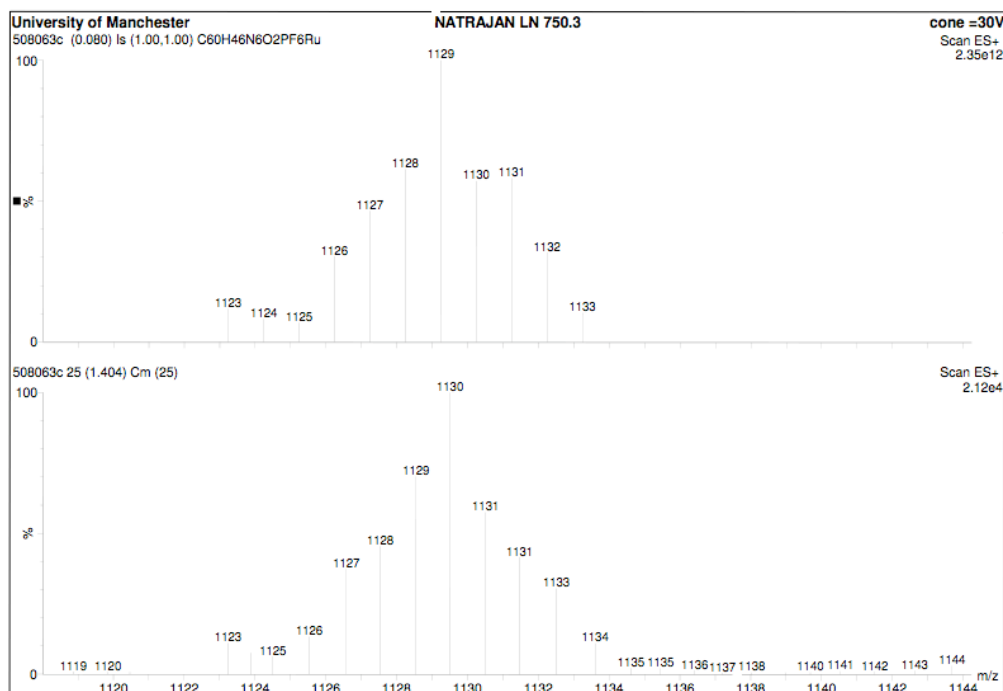


Fig. S2. Electrospray mass spectrum (positive mode) of $[\text{Ru}(\text{tpyeneaniso})_2] \cdot 2\text{PF}_6$; molecular ion corresponds to $\{\text{M} - \text{PF}_6\}^+$. Top, calculated spectrum; bottom, experimentally observed spectrum.

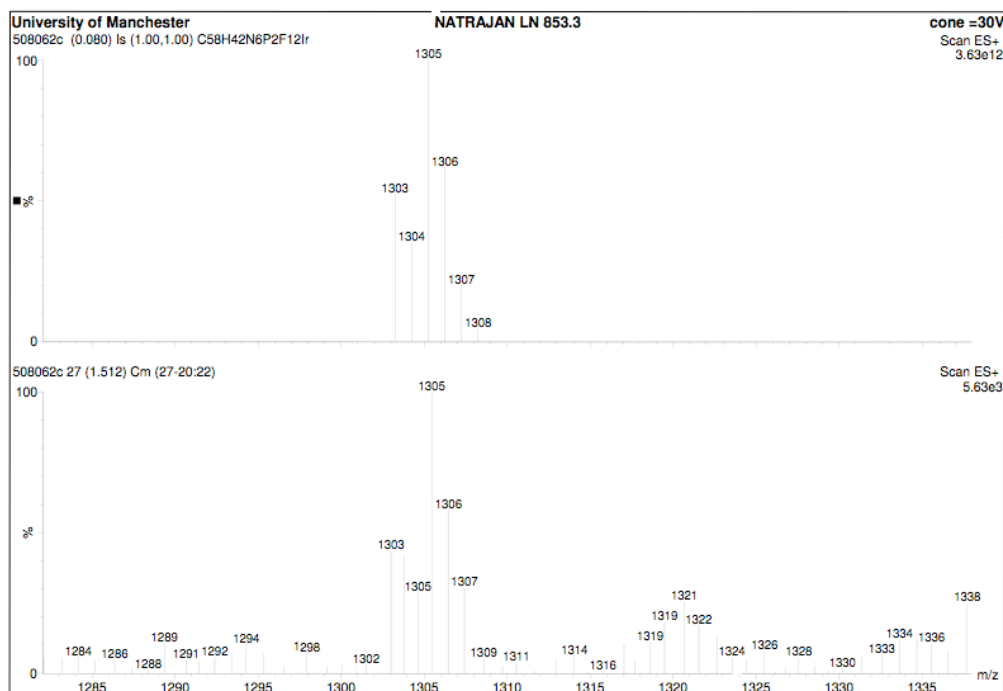


Fig. S3. Electrospray mass spectrum (positive mode) of $[\text{Ir}(\text{tpystilbene})_2] \cdot 3\text{PF}_6$; molecular ion corresponds to $\{\text{M} - \text{PF}_6\}^+$. Top, calculated spectrum; bottom, experimentally observed spectrum.

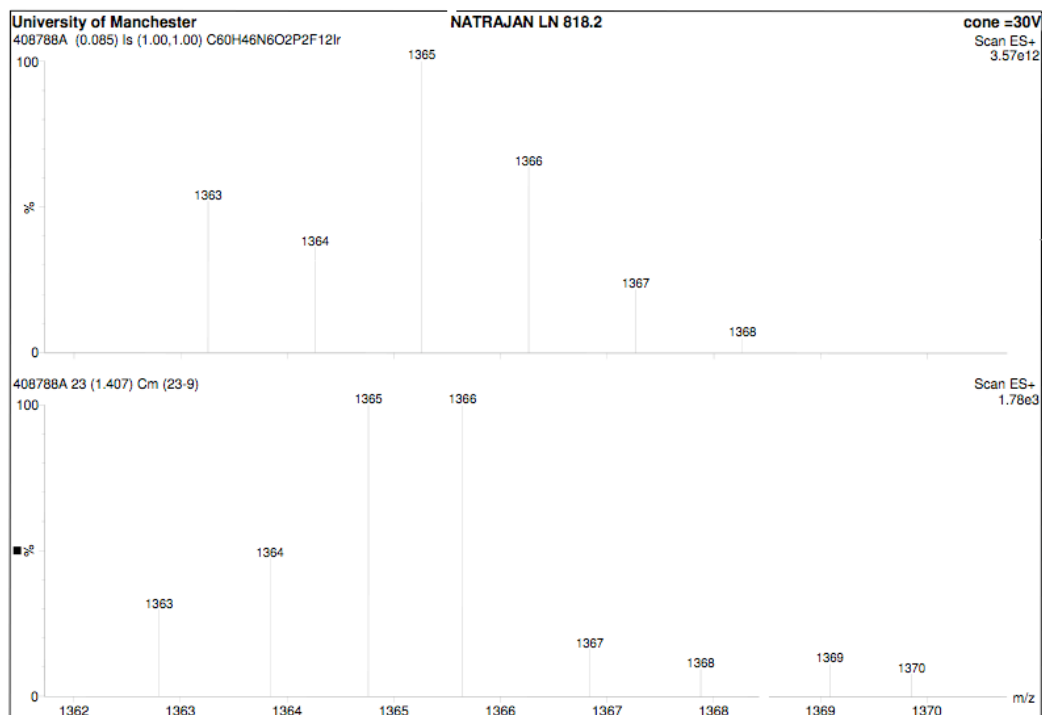
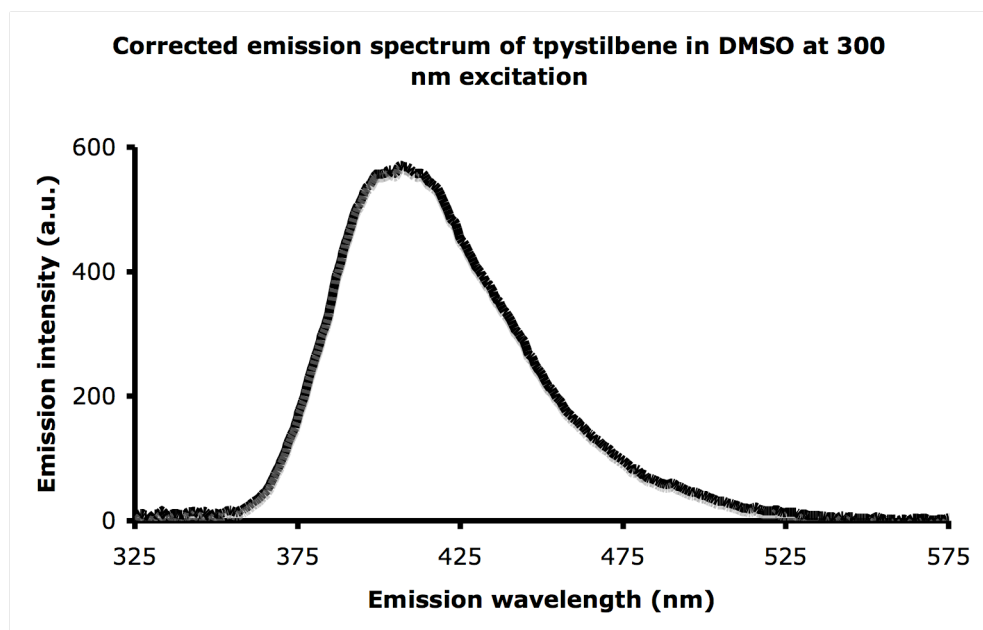
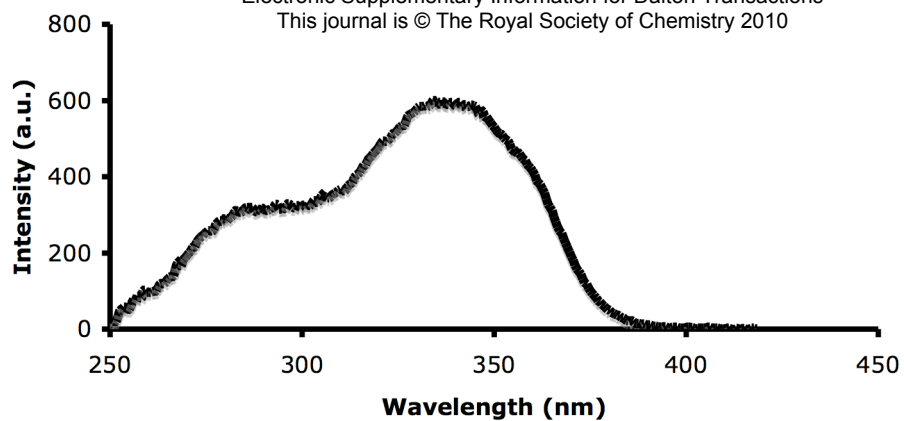
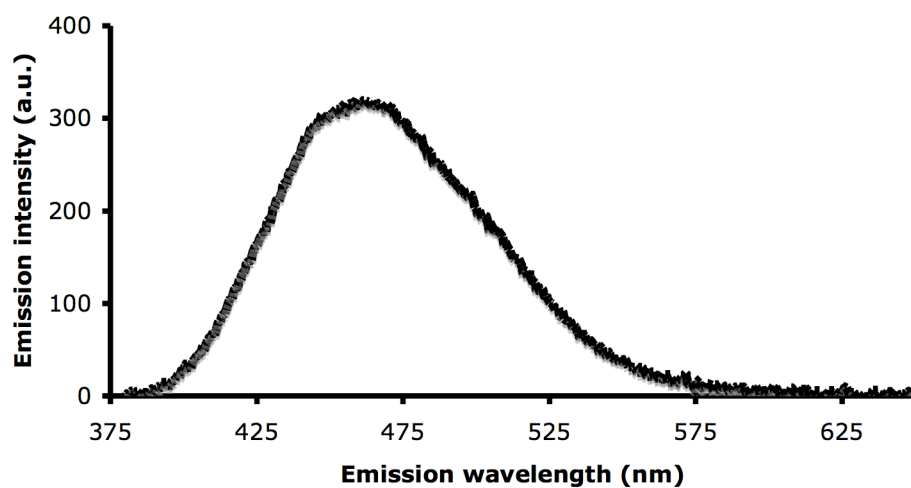


Fig. S4. Electrospray mass spectrum (positive mode) of [Ir(tpyeneanisole)₂].3PF₆; molecular ion corresponds to {M – PF₆}⁺. Top, calculated spectrum; bottom, experimentally observed spectrum.





Corrected emission spectrum of ttpyeneanisole in DMSO at 375 nm excitation



Corrected excitation spectrum of ttpyeneanisole in DMSO monitored at 460 nm

