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SUPPORTING INFORMATION

Title: Variability in the Structures of Luminescent [2-(Aminomethyl)pyridine]silver(I) Complexes: Effect of Ligand Ratio, Anion, Hydrogen Bonding, and π-Stacking

Author(s): Rodney P. Feazell, Cody E. Carson, Kevin K. Klausmeyer*

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^{1}H NMR data for 2-aminomethylpyridine: (CD_3CN, 298 K) δ: 1.67 (s, br, 2H, -NH_2); 3.87 (s, 2H, -CH_2); 7.19 (m, 1H); 7.37 (d,m, $J_{H–Ho}$ = 9 Hz, 1H); 7.71 (t,d, $J_{H–Ho}$ = 8 Hz, $J_{H–Hm}$ = 3 Hz, 1H); 8.5 (d, $J_{H–Ho}$ = 4 Hz, 1H)

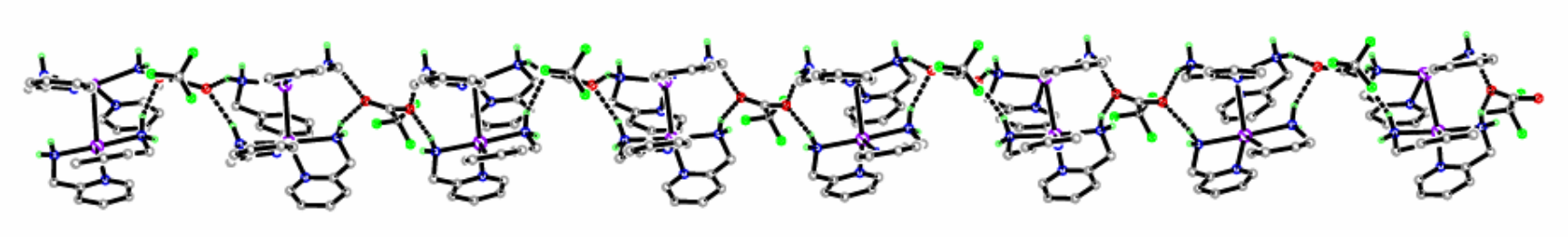

Figure S1: A view of the H–bonded chains of dimetallic clusters of **2**.

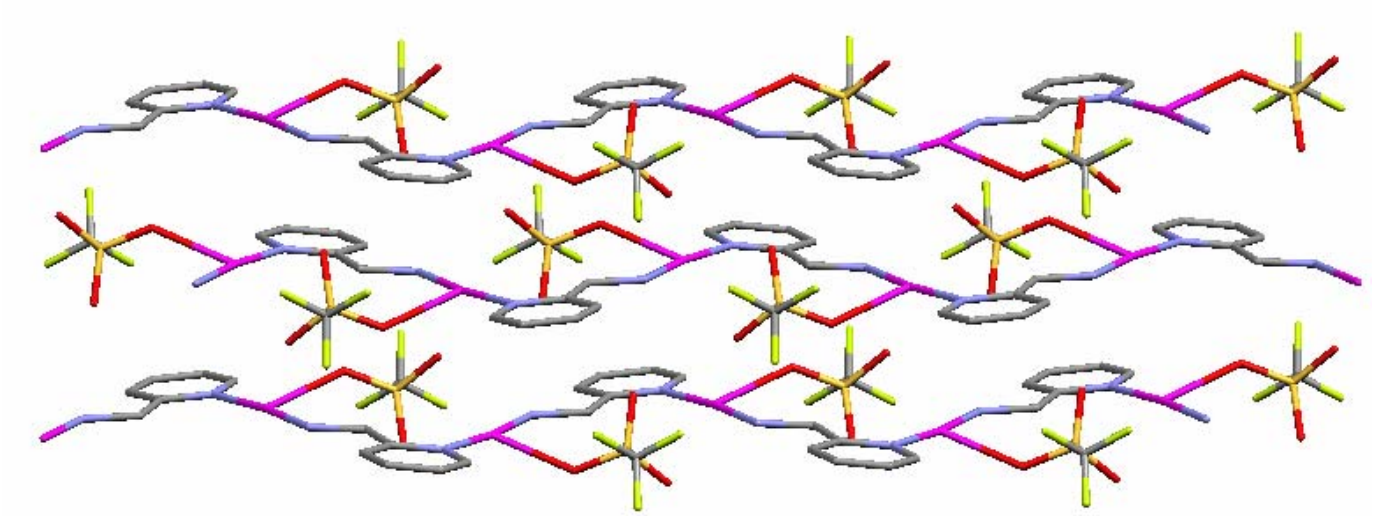

Figure S2: Stick diagram showing how the polymers of **6** stack together.

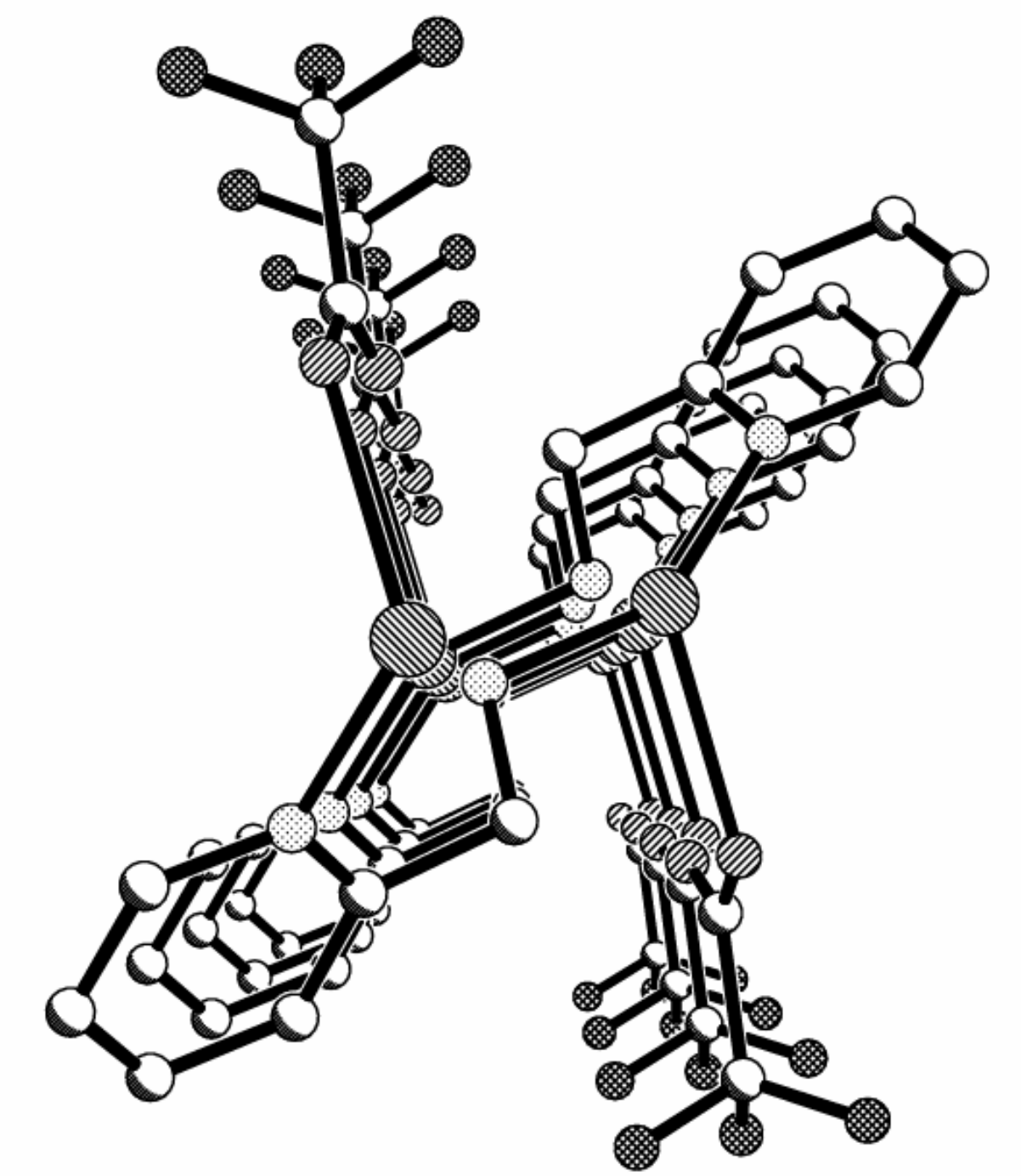

Figure S3: The helix formed by the polymer **7** as seen looking into the tube of the polymer.

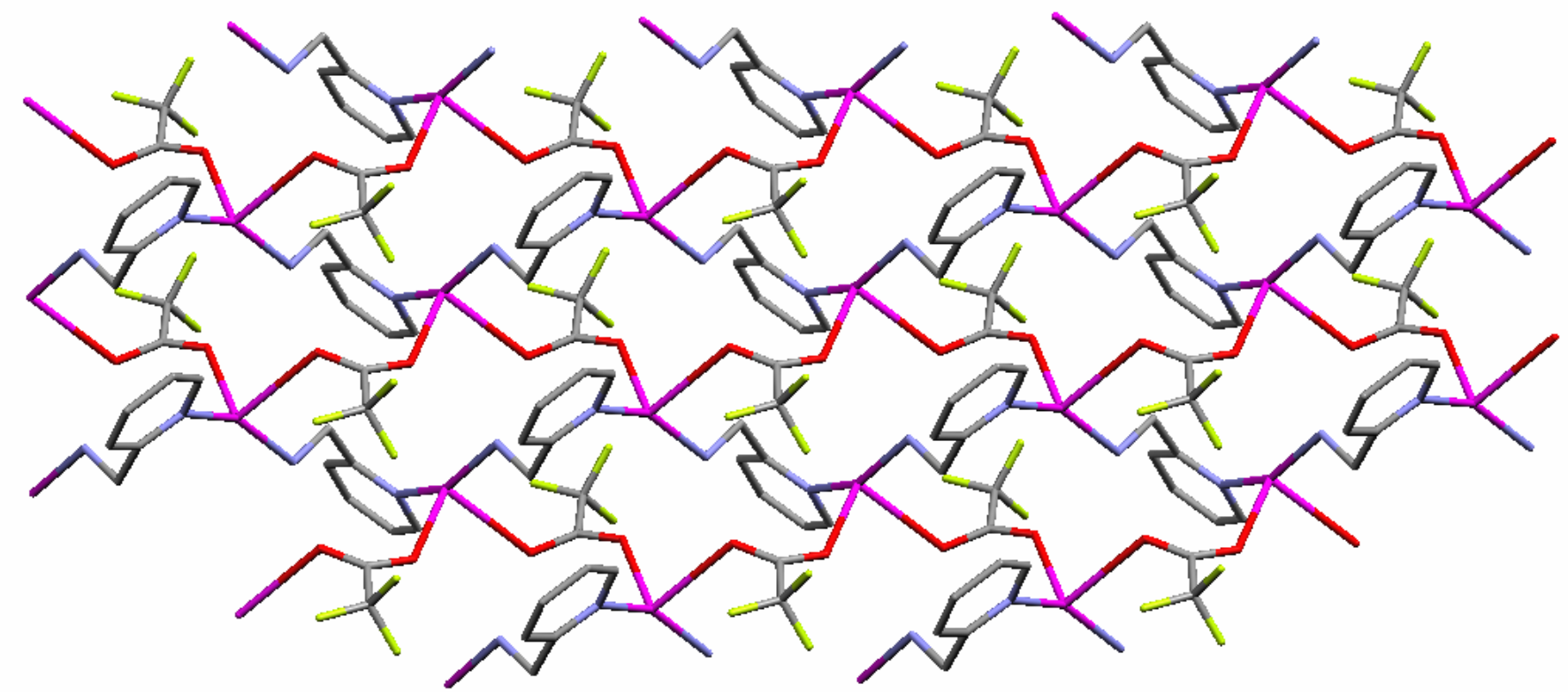

Figure S4: Cross-linking between the polymers of compound **7**.

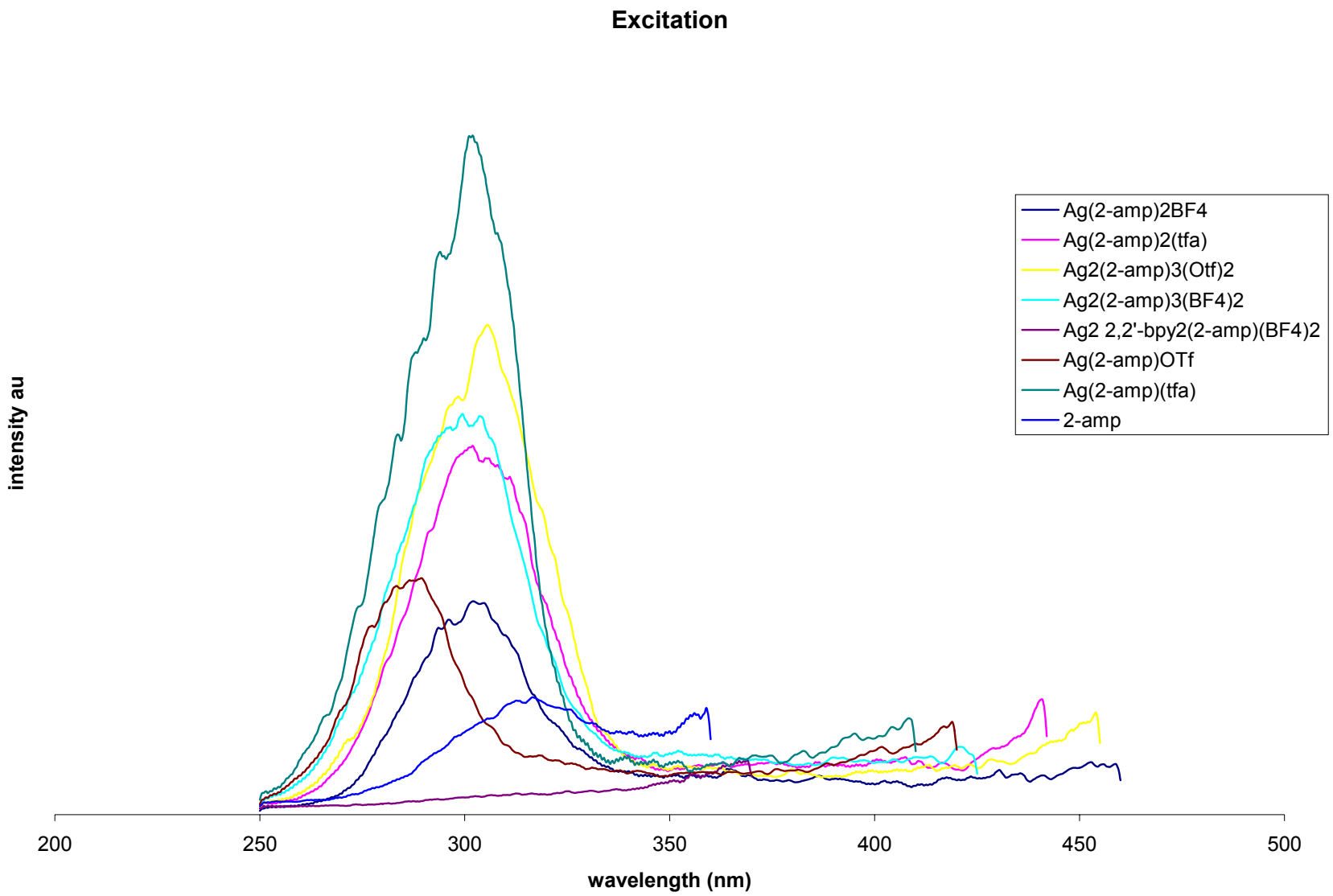

Figure S5: Excitation spectra of all compounds mentioned

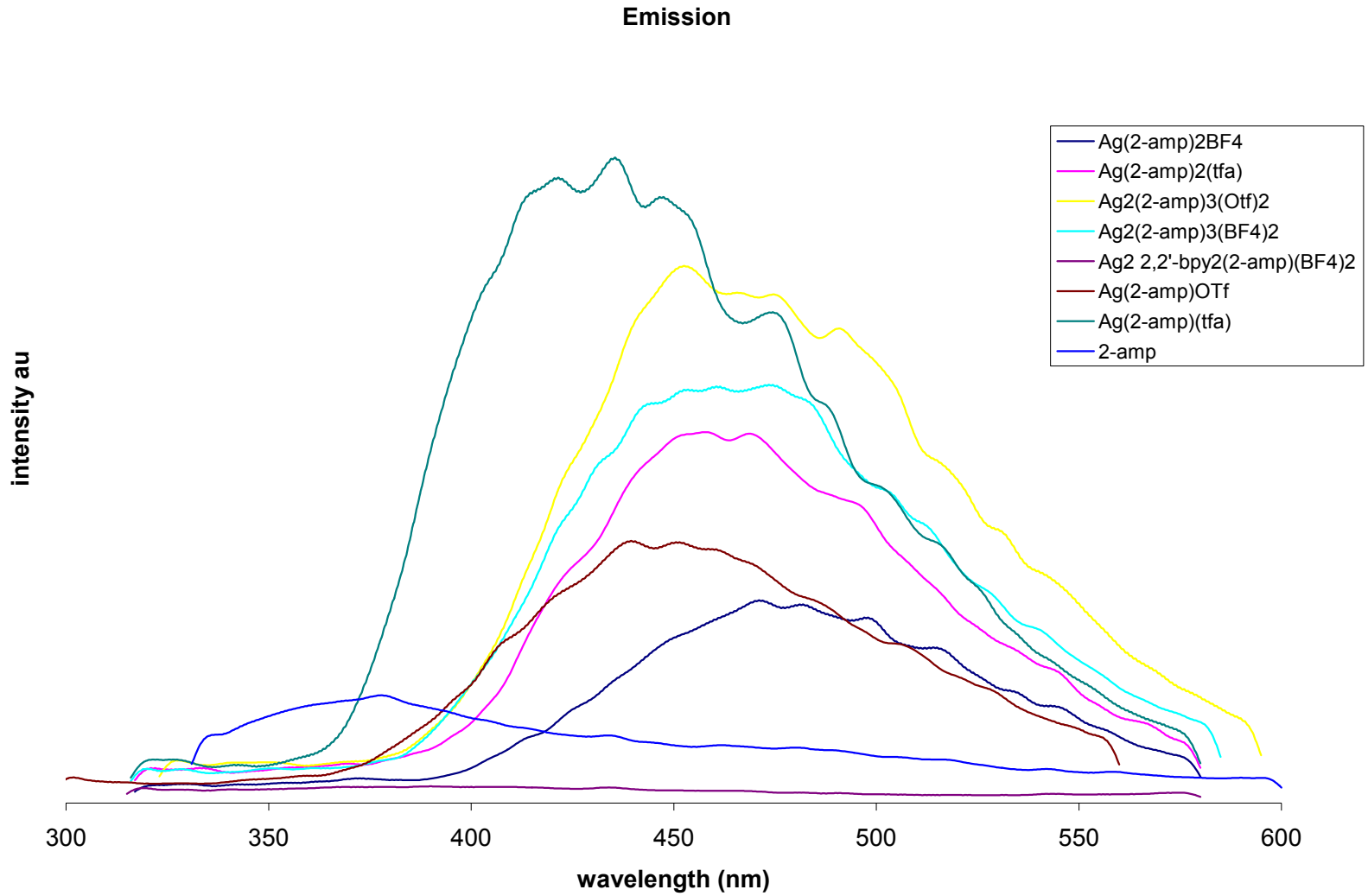

Figure S6: Emission spectra of all compounds mentioned.