

Electronic Supplementary Information

New Phosphorescent Platinum (II) Complexes: Lamellar Mesophase and Mechanochromism

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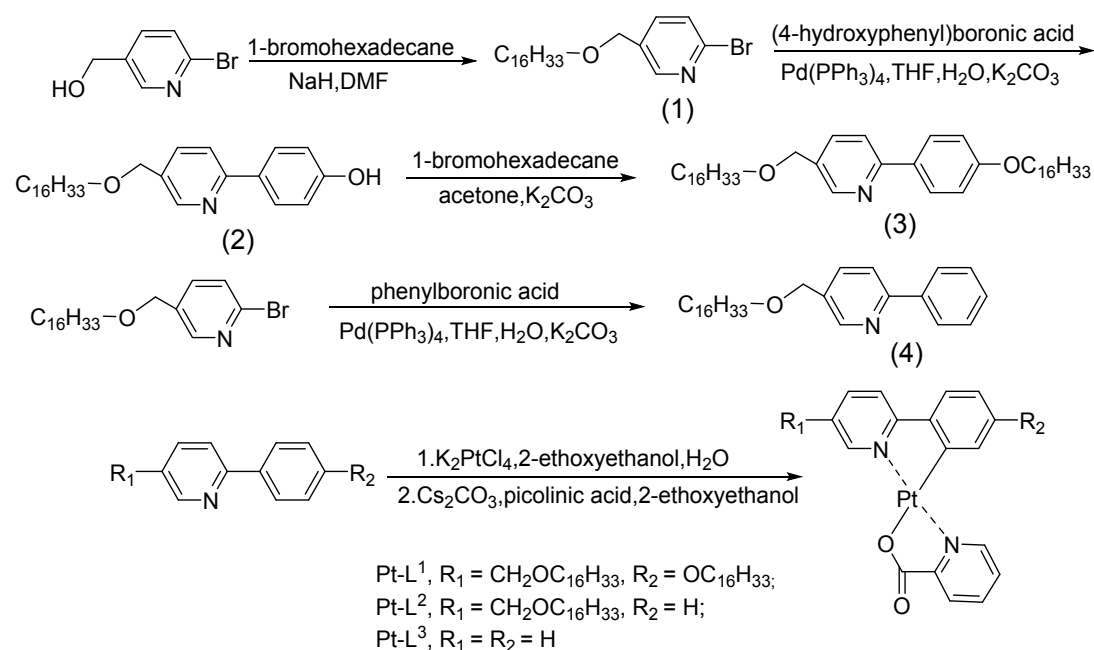
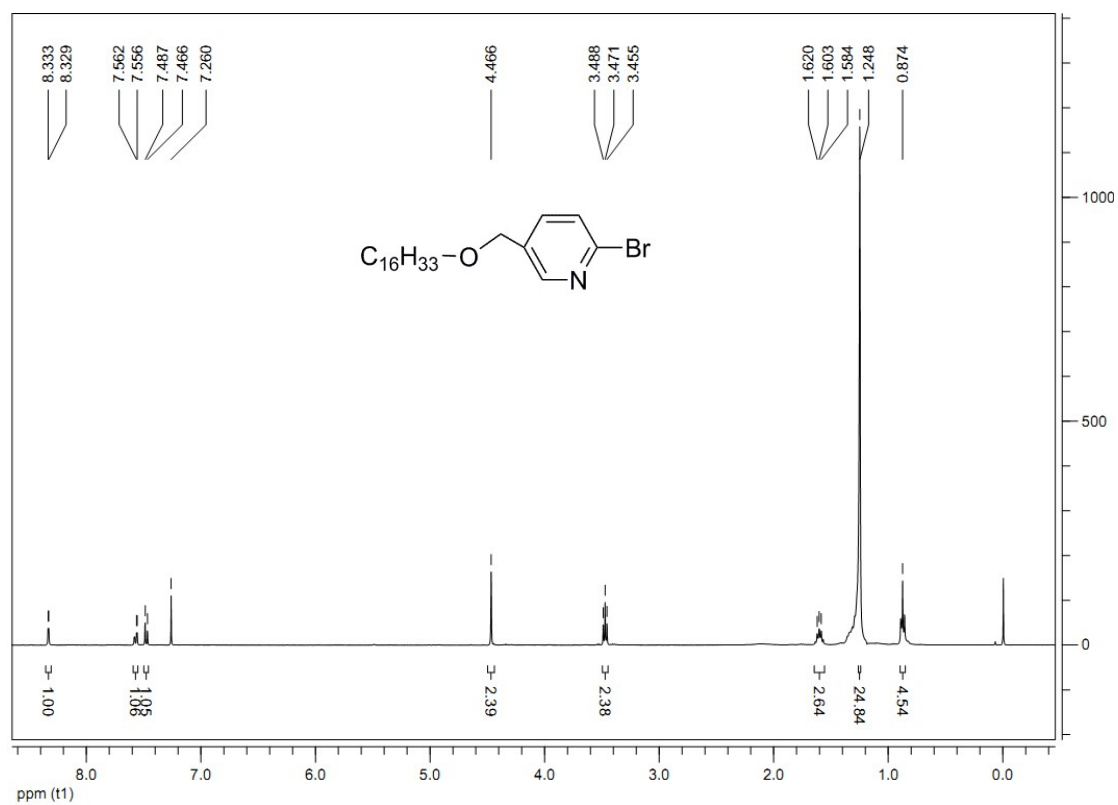
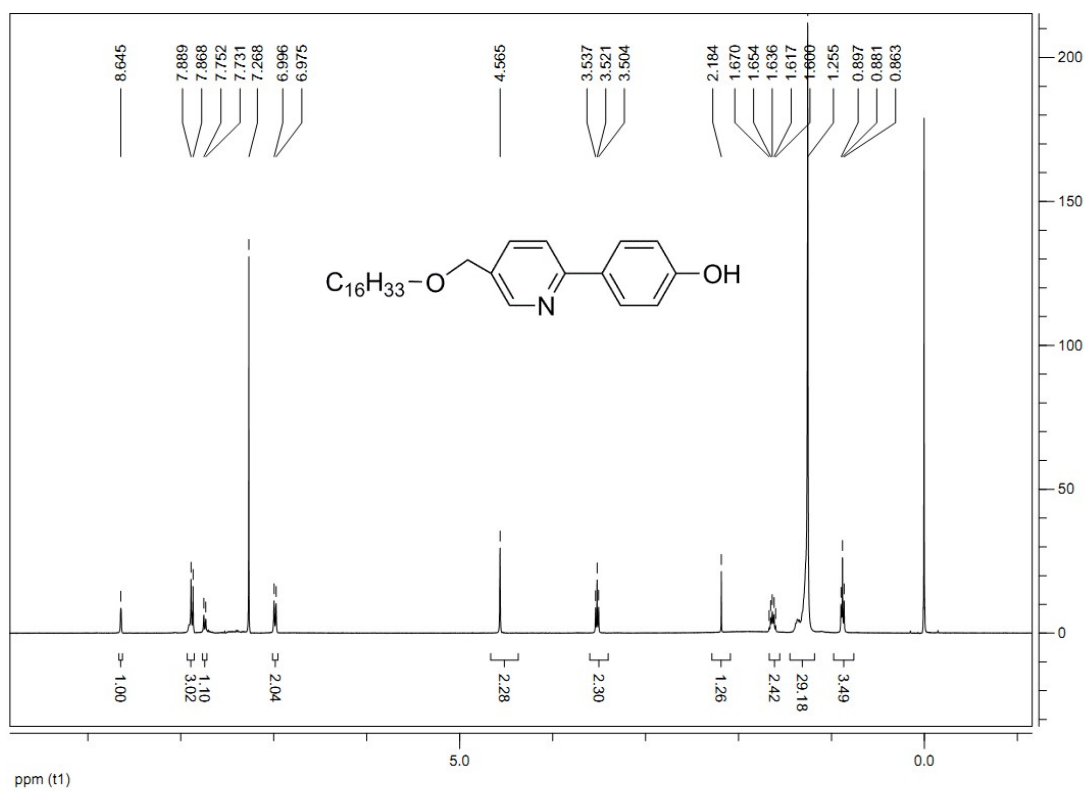
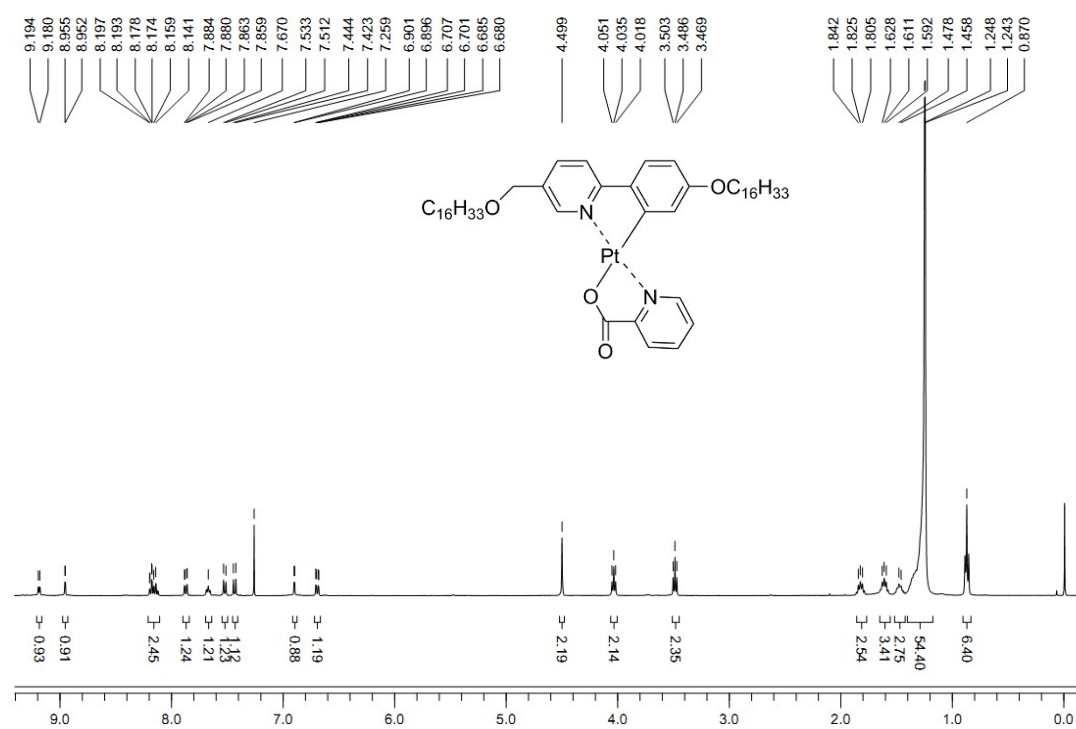
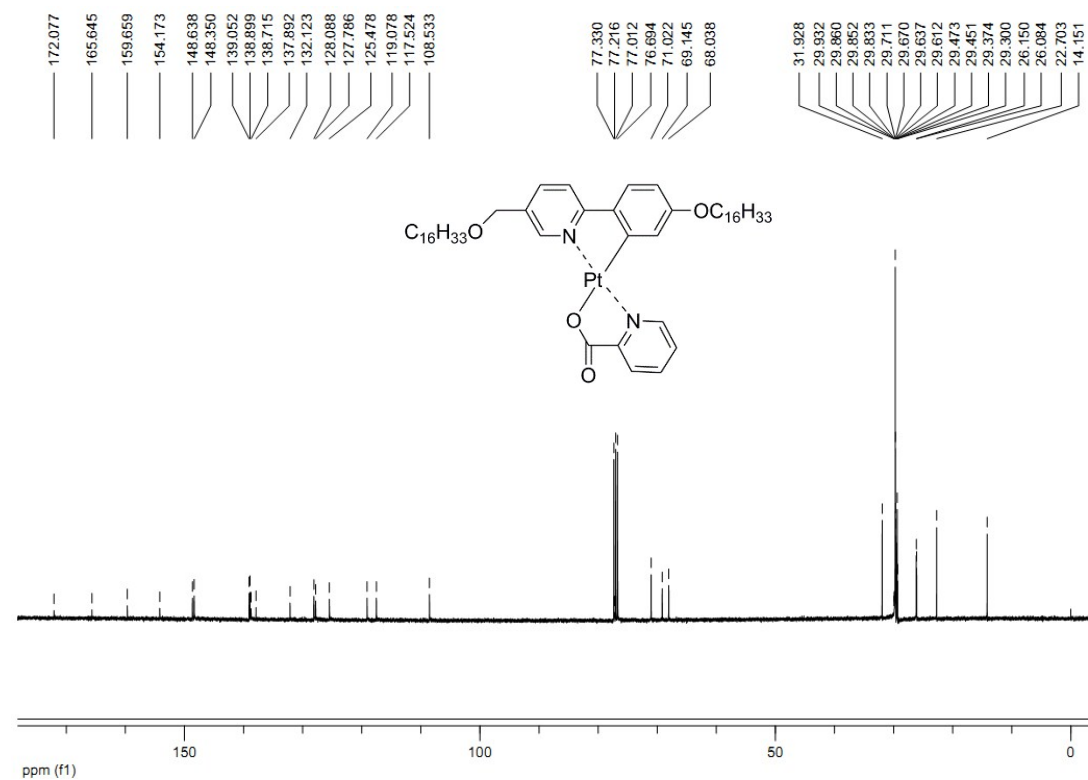
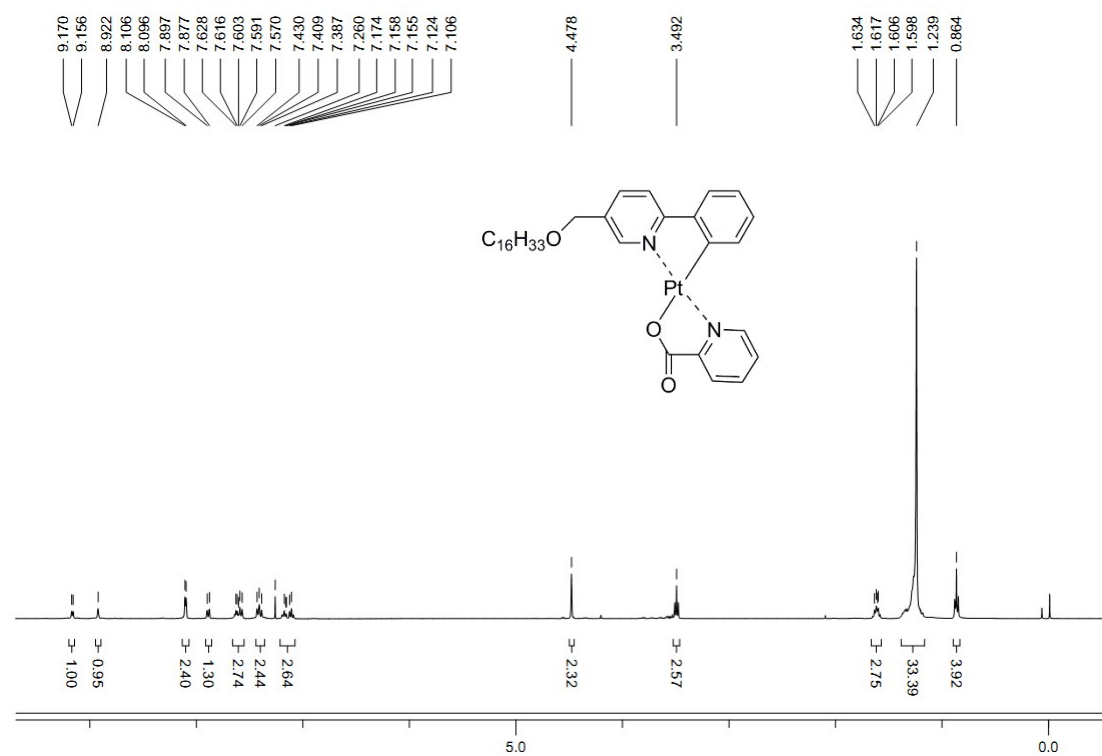
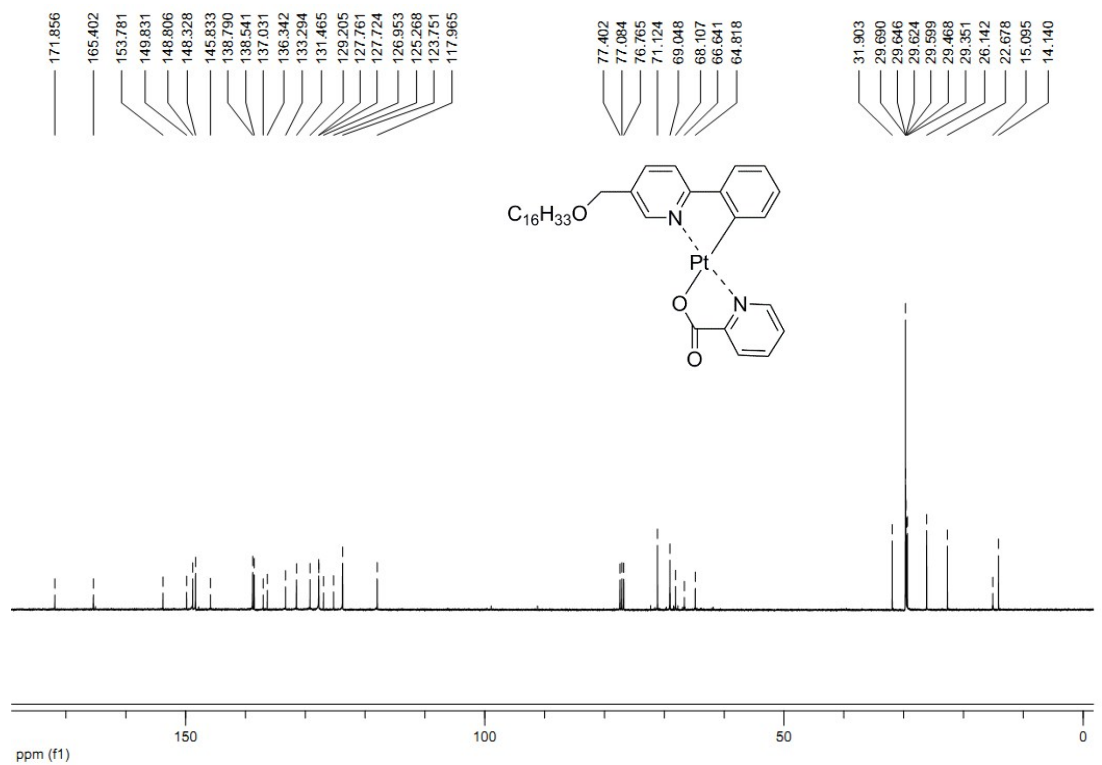
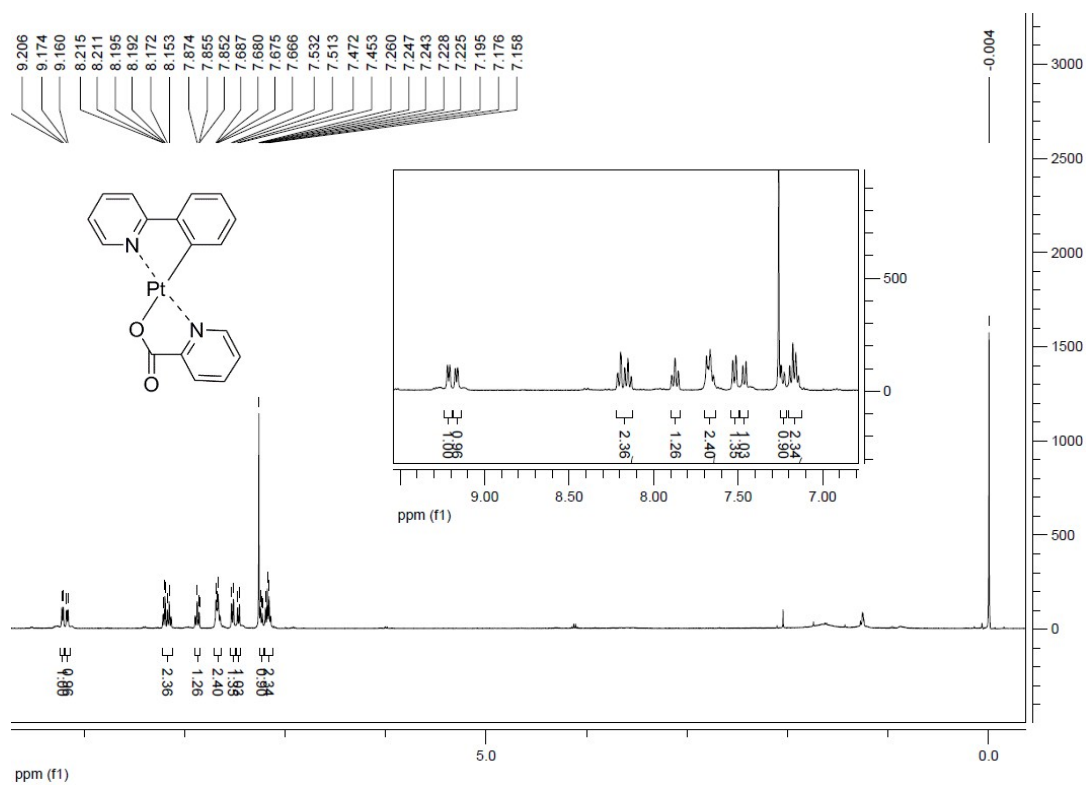
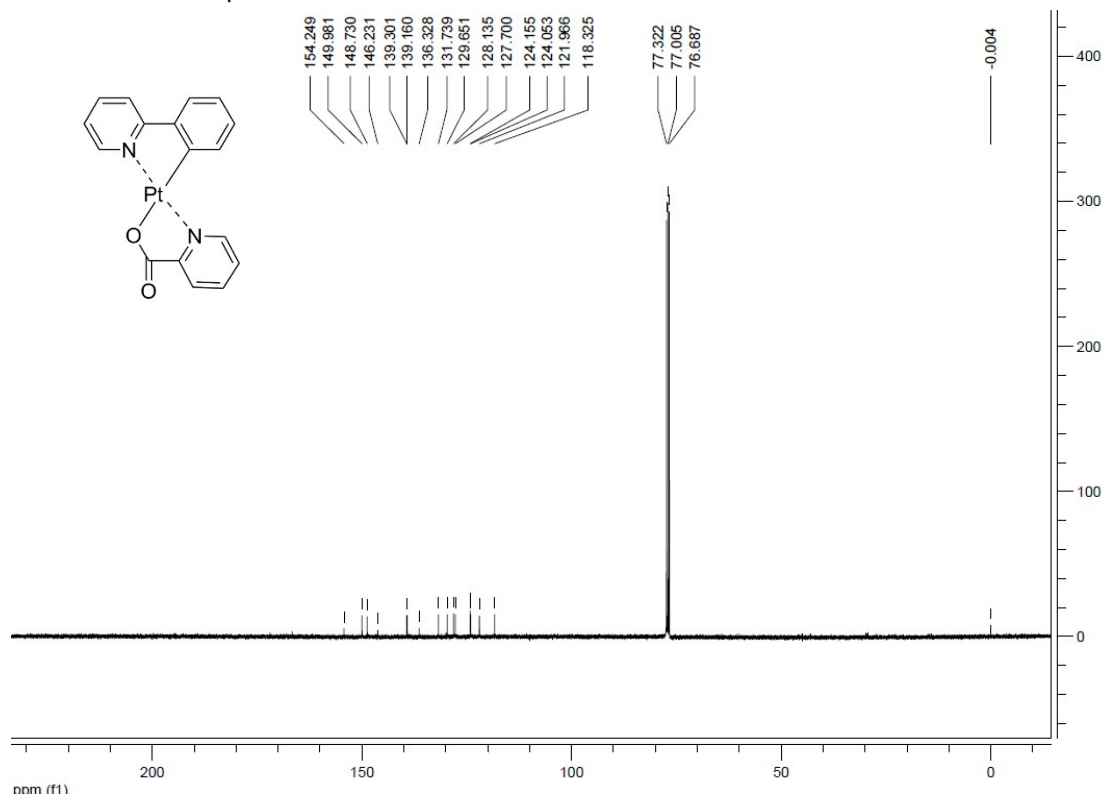


Figure S1. Synthesis routine to complexes

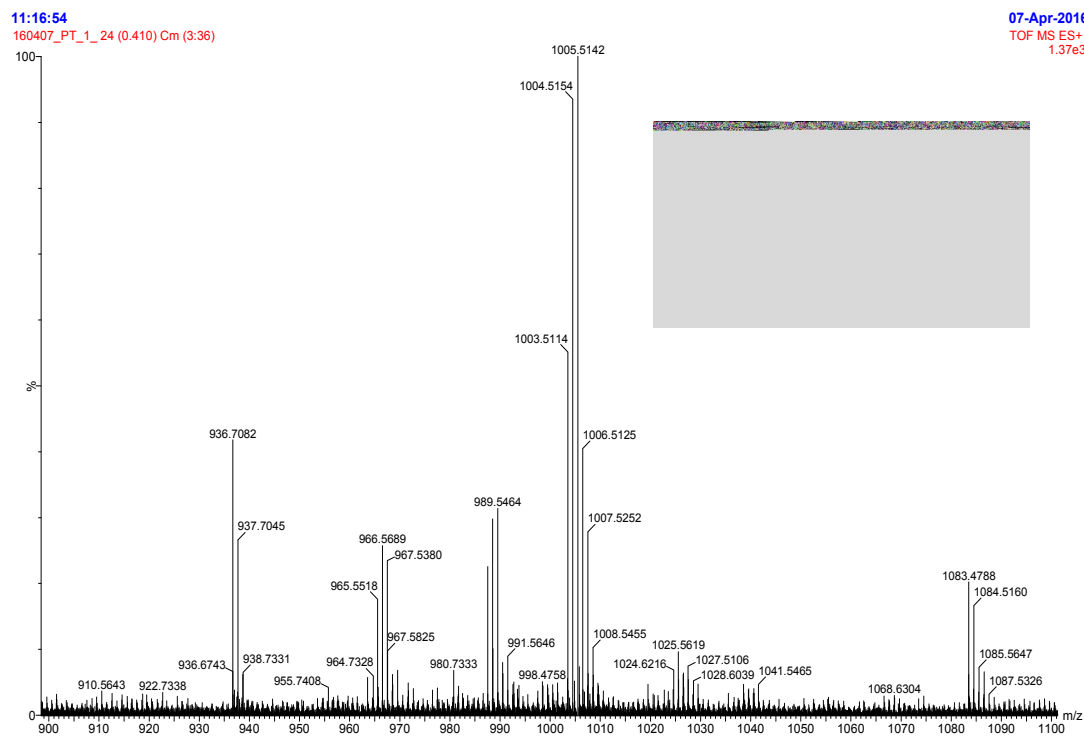
^1H NMR of Compound (1) ^1H NMR of Compound (2)

¹H NMR of complexes Pt-L¹¹³C NMR of complexes Pt-L¹

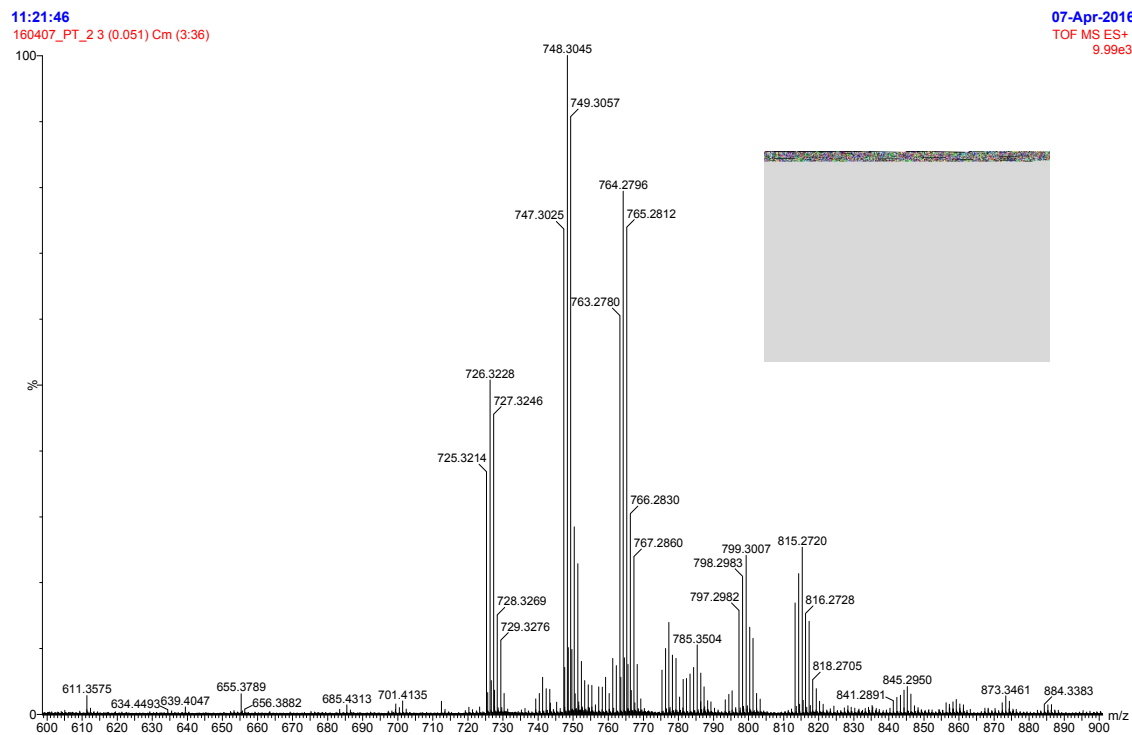
^1H NMR of complexes Pt-L² ^{13}C NMR of complexes Pt-L²

^1H NMR of complexes Pt-L³ ^{13}C NMR of complexes Pt-L³

HRMS of complexes Pt-L¹



HRMS of complexes Pt-L²



HRMS of complexes Pt-L³

11:26:10

160407_PT_3.27 (0.462) Cm (3:36)

07-Apr-2016

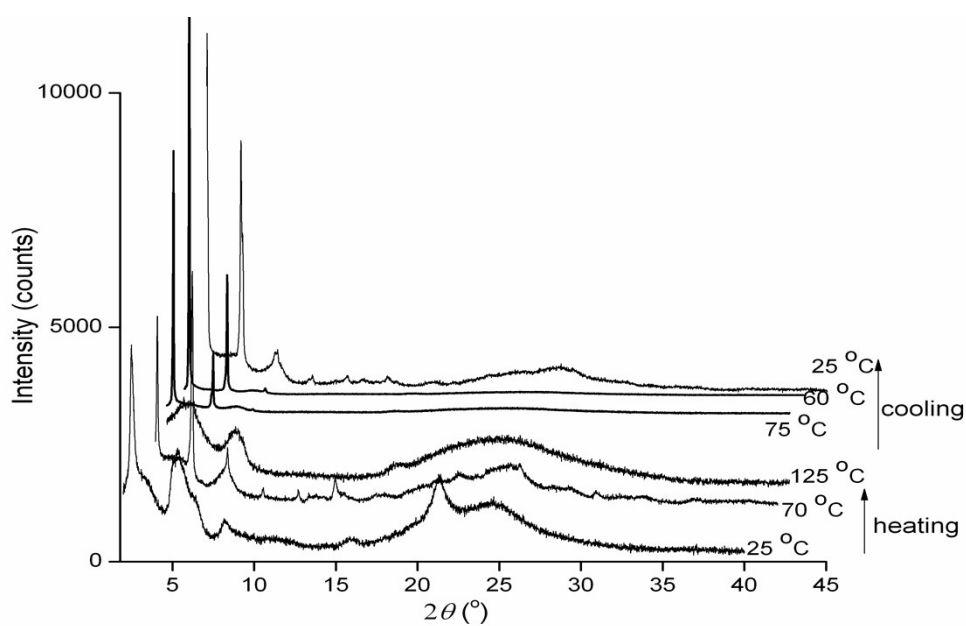
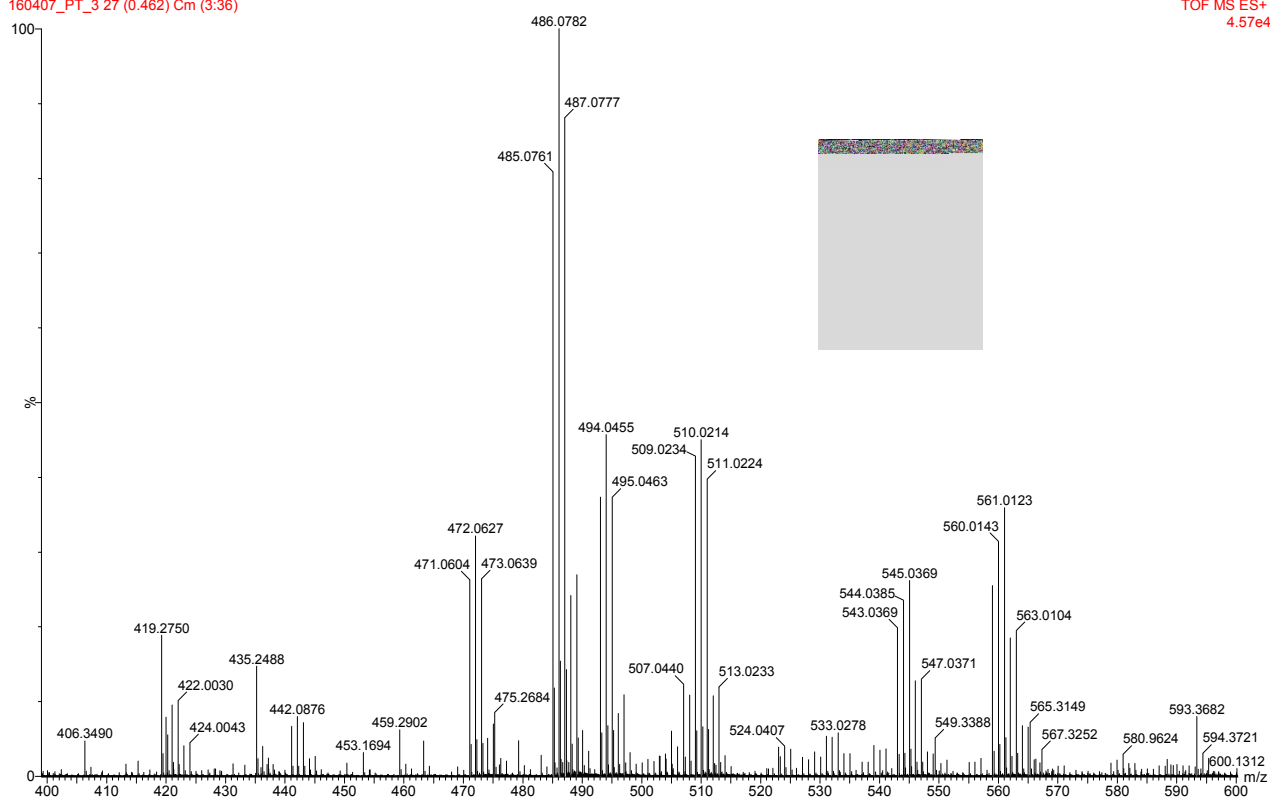
TOF MS ES+
4.57e4

Figure S2. The variational temperatures WAXD of the complexes Pt-L1

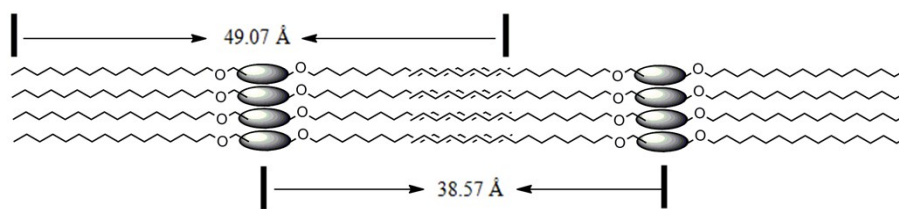
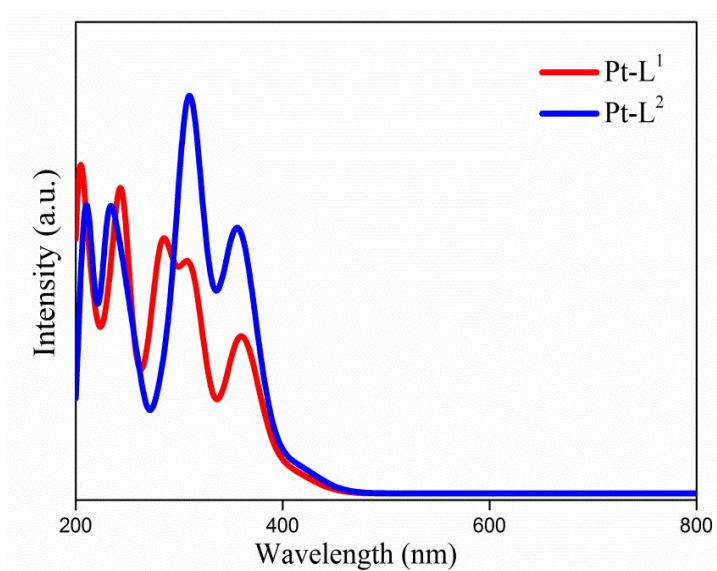
Figure S3. A proposed molecular arrangement of Pt-L¹

Figure S4. The theory UV-Vis absorption spectra