

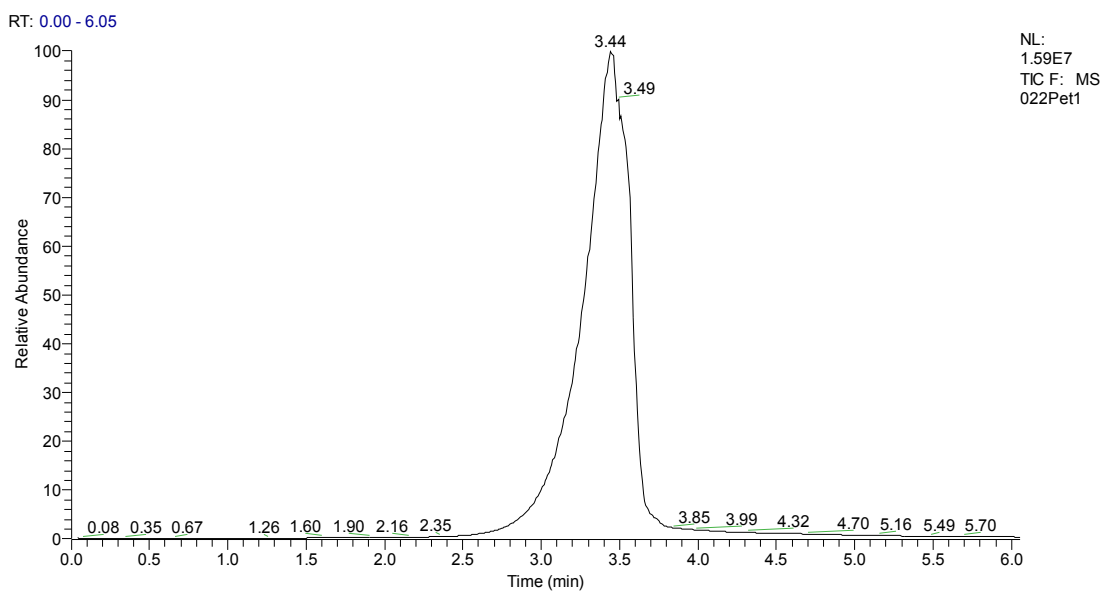
**Lithium, zinc and scandium complexes of phosphorylated salicylaldimines:
synthesis, structure, thermochemical and photophysical properties, and application in
organic light-emitting diodes (OLEDs)**

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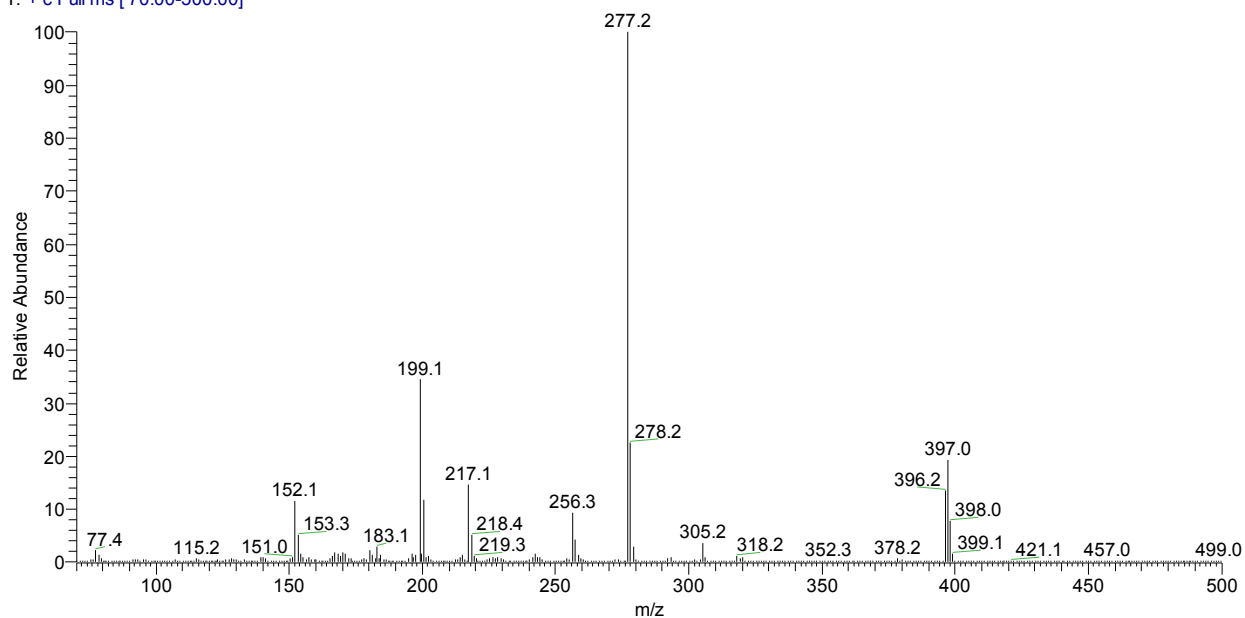


Fig. 1S. Gas-chromatography mass spectrum of ligand **1a**.

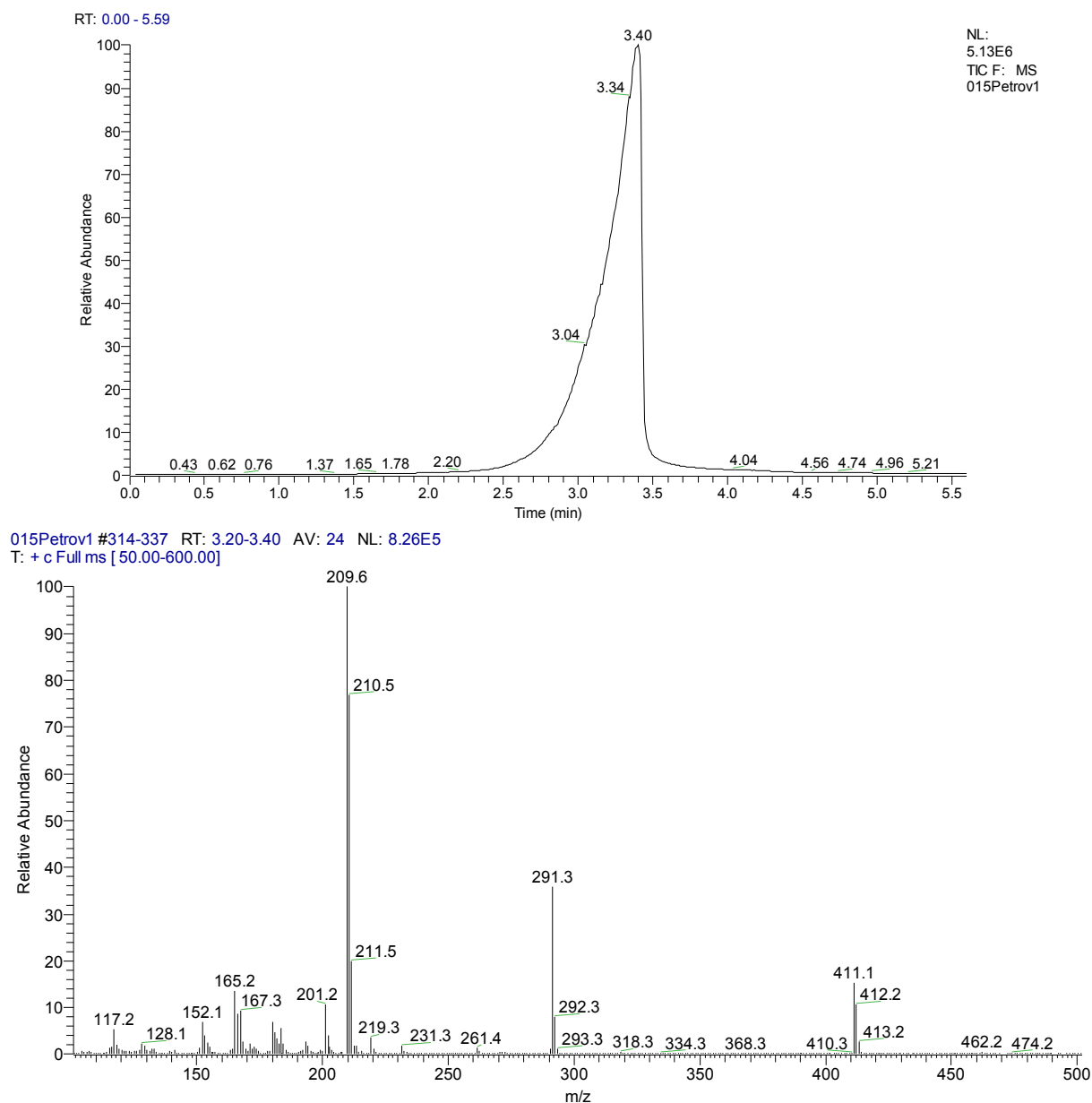


Fig. 2S. Gas-chromatography mass spectrum of ligand **1b**.

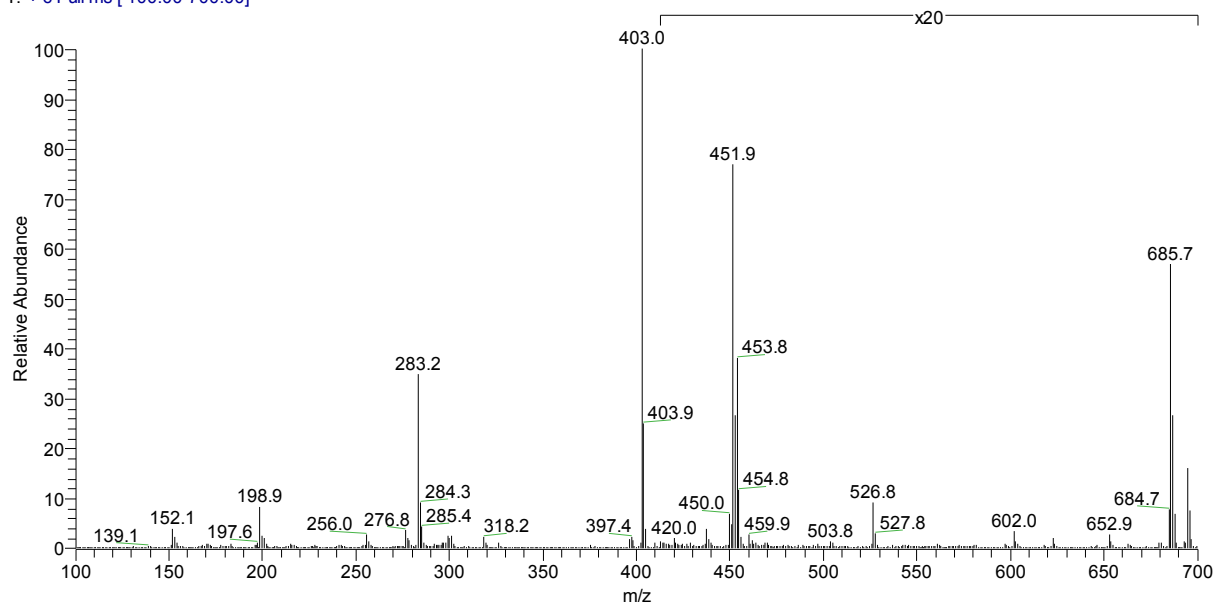
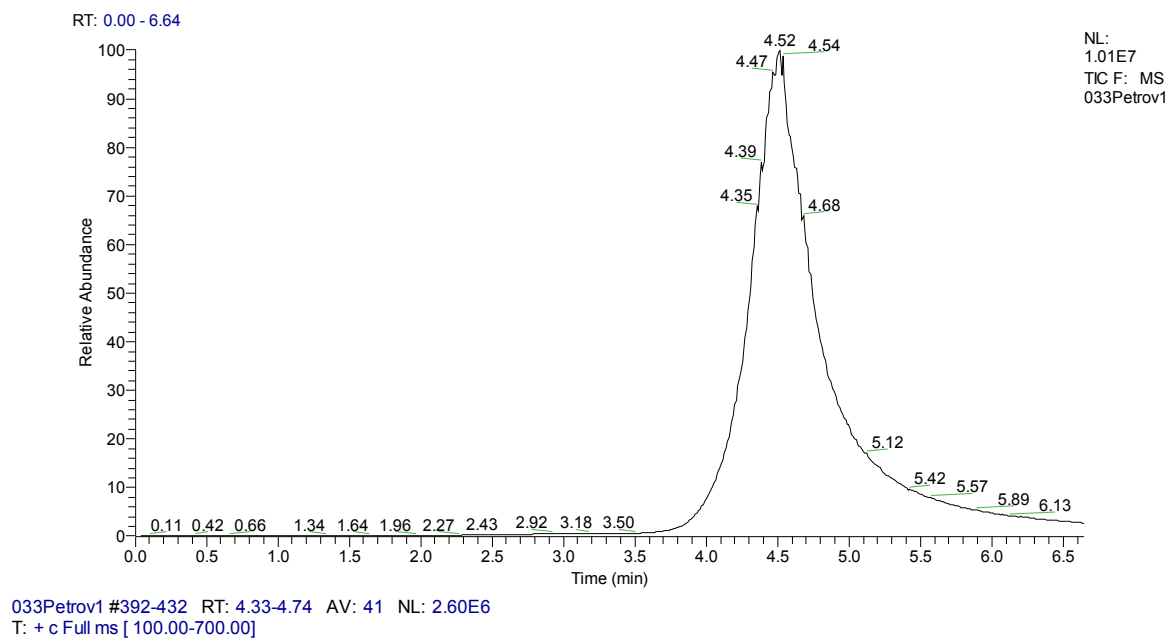


Fig. 3S. Gas-chromatography mass spectrum of complex **2a**.

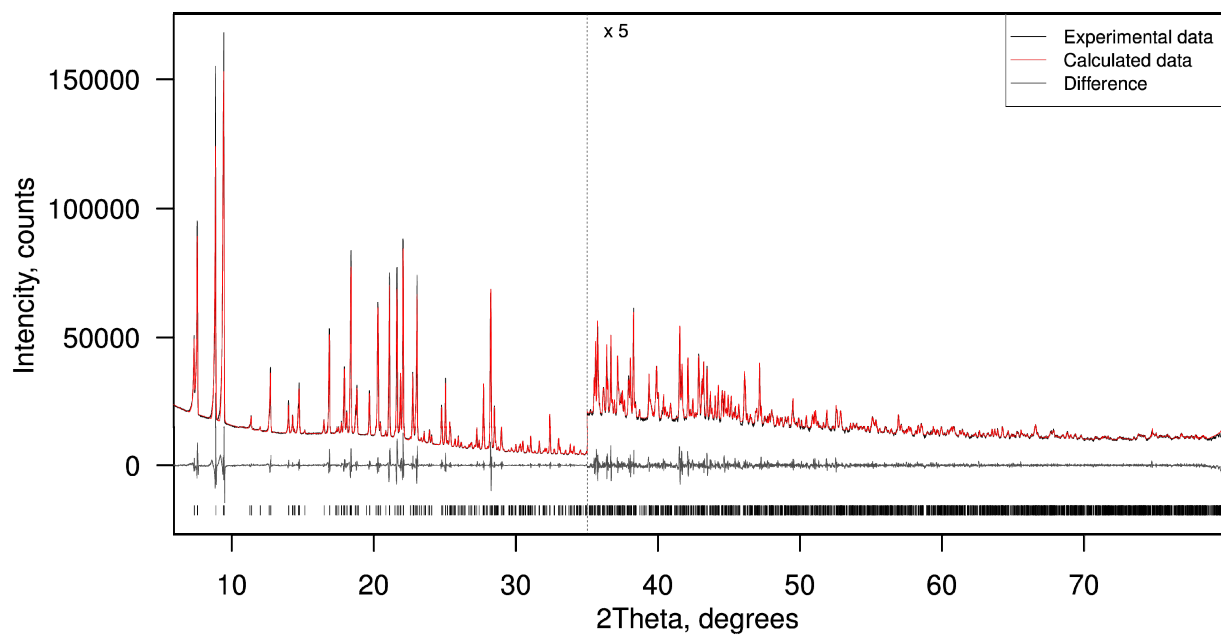


Fig. 4S. The experimental (black line), calculated (red line), and difference (grey line) powder XRD patterns of complex **4b**. Space group: $C2/c$; cell parameters: $a = 40.1059(9)$, $b = 10.2569(2)$, $c = 25.3030(4)$ Å, $\beta = 35.799(1)^\circ$.

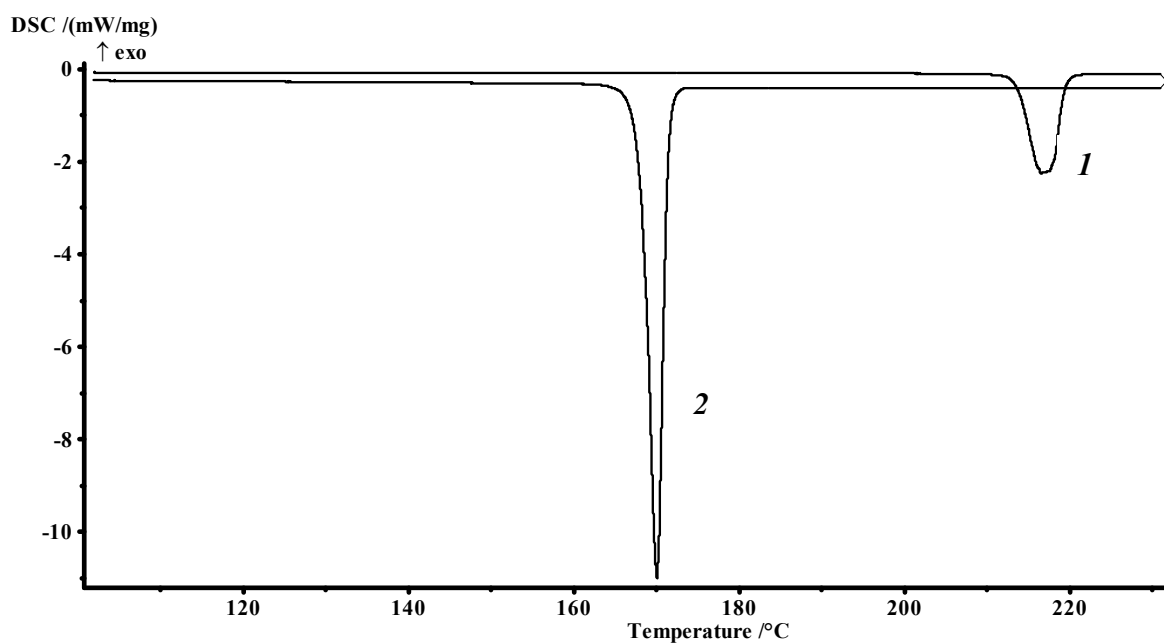


Fig. 5S. DSC traces of ligands **1a** (1) and **1b** (2).

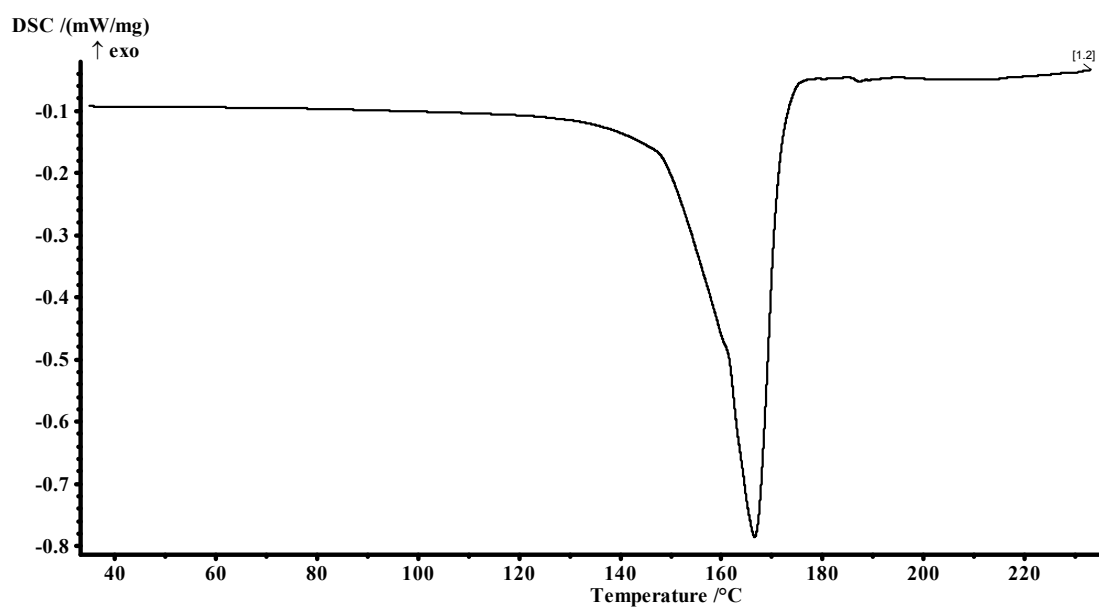


Fig. 6S. DSC trace of complex **4b**.