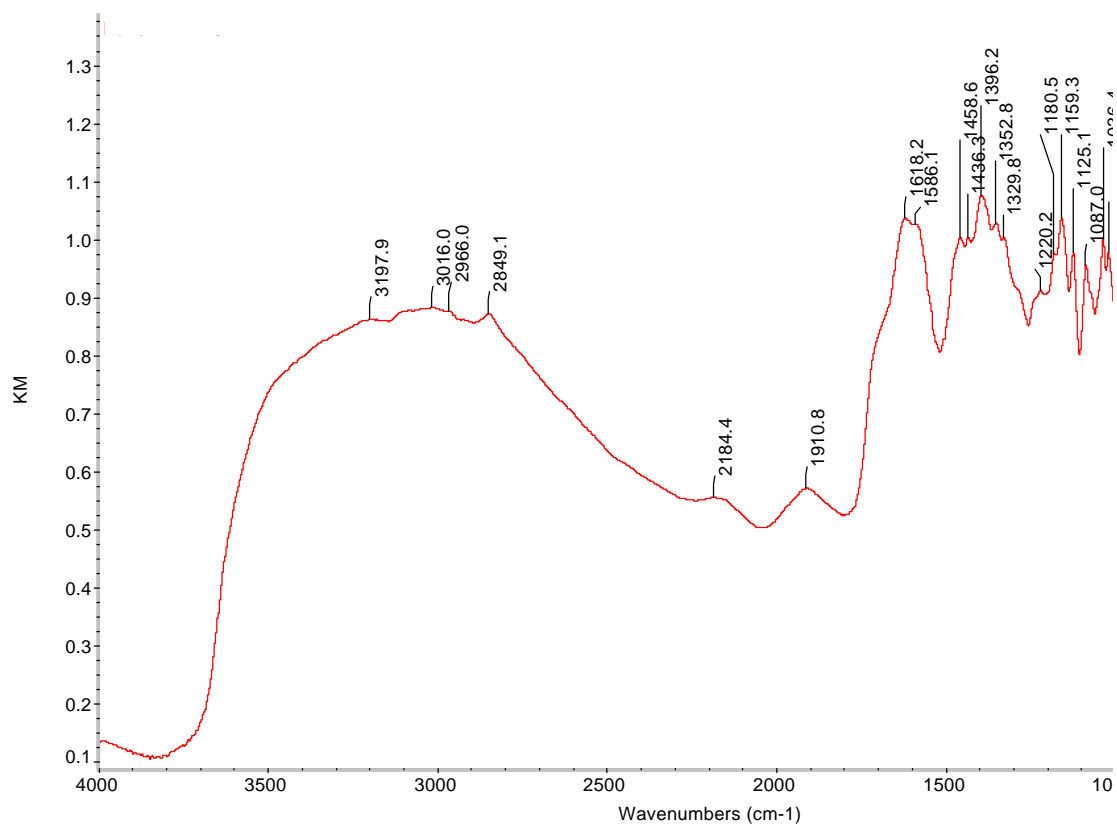
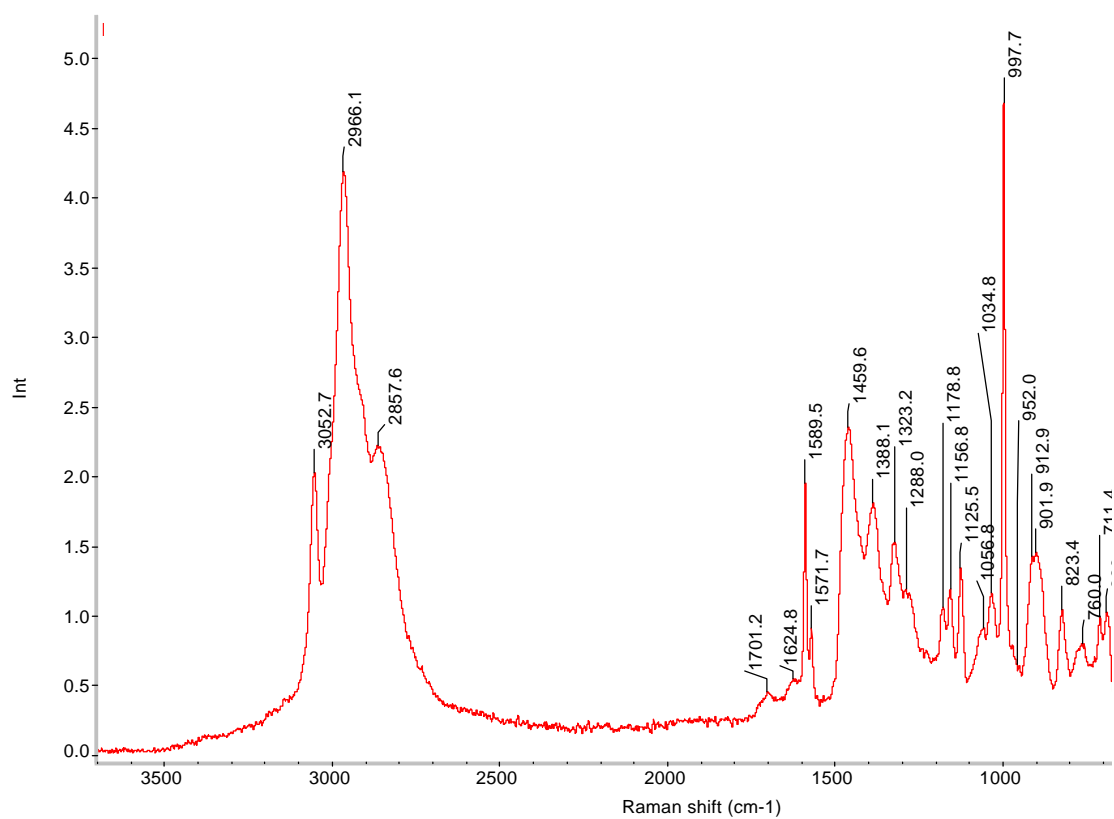


Fig.S11



IR spectrum of H₄do3aPPh

Fig. S12



.RA spectrum of H₄do3aPPh

¹H-NMR: b m 3.38 – 3.53 (16 H), b d 3.23 (2H, ²J_{PH} = 12.1 Hz), b s 3.69 (2 H), b s 4.41 (4 H), 7.6 -7,7 m (5 H).