Electronic Supplementary Material (ESI) for Dalton Transactions. This journal is © The Royal Society of Chemistry 2015

SUPPORTING INFORMATION

Regiospecific synthesis of tetrasubstituted phthalocyanines and their liquid crystalline order

Petru Apostol, Ahmed Bentaleb, Mbolotiana Rajaoarivelo, Rodolphe Clérac, and Harald Bock

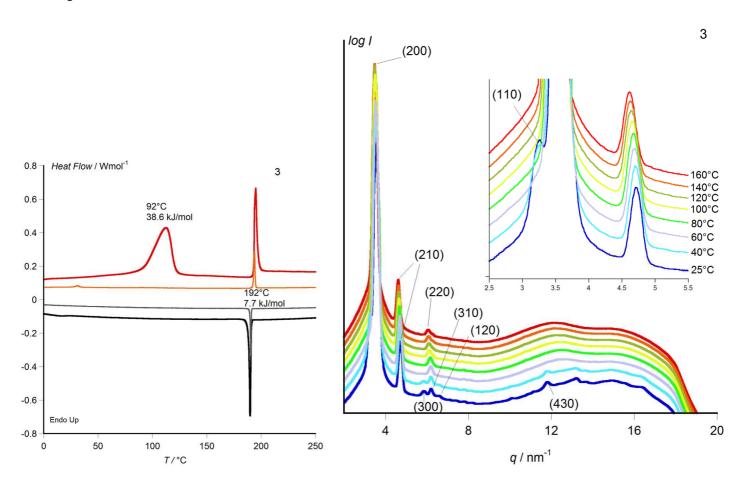
Differential scanning calorimetry (DSC) thermograms (*left***)** (onset temperatures of melting and clearing transitions are given, with transition enthalpies. Scan rates: 10 K/min on first heating/cooling [red/black], 3 K/min on second heating/cooling [orange/grey])

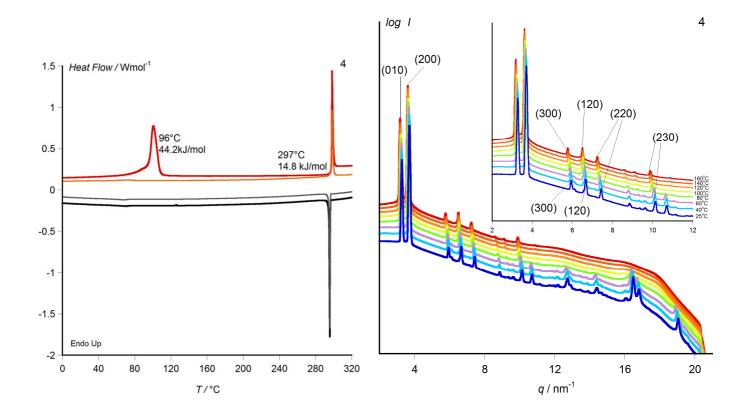
10 and

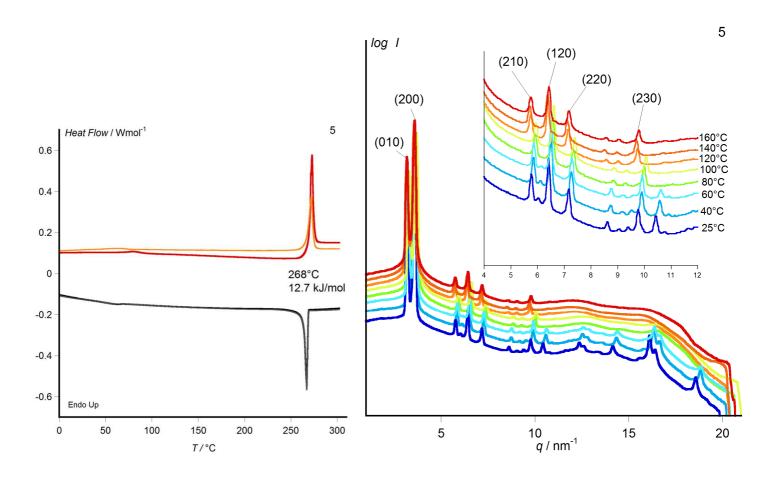
5

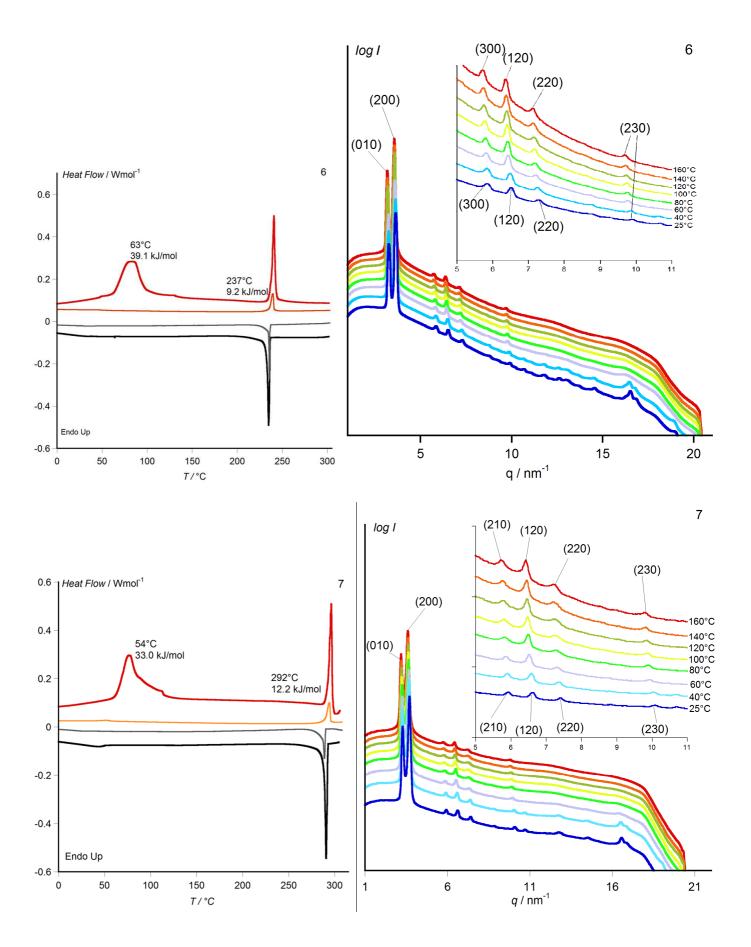
Powder X-ray diffraction spectra (*right*) at different temperatures upon stepwise cooling from 160 to 25°C (the Miller indices indicated in brackets correspond to a column lattice of hexagonal/rectangular symmetry)

for compounds 3-7:

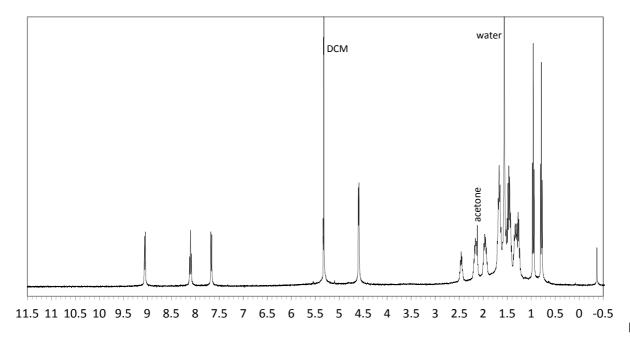




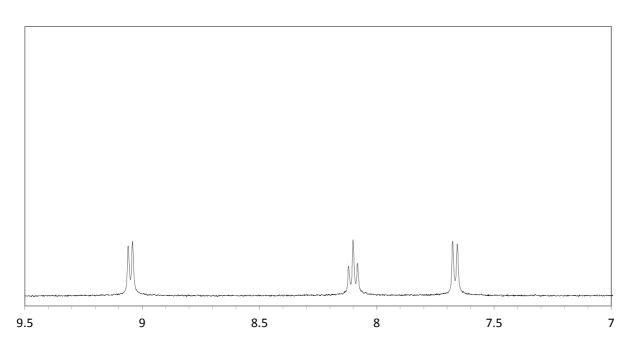




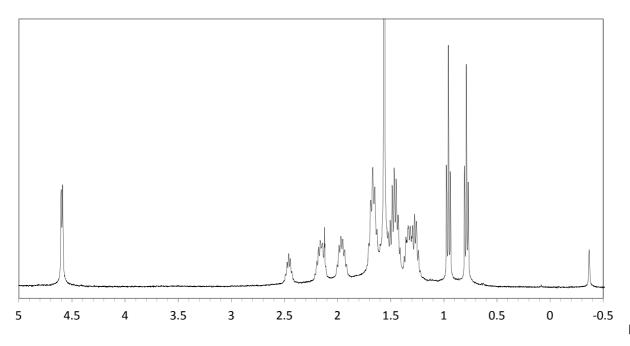
¹H NMR spectrum in DCM of compound 3:



ppm

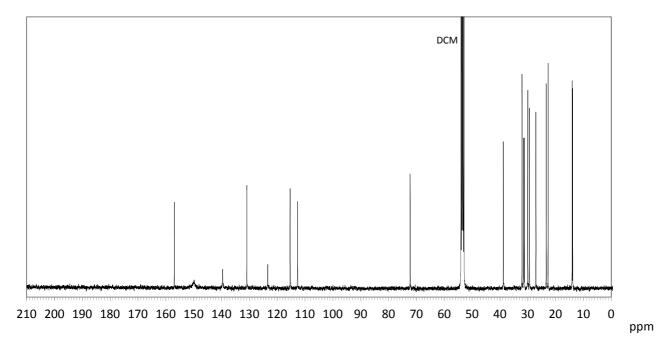


ppm



ppm

 $^{13}\mathrm{C}$ NMR spectrum in DCM of compound 3:



160 155 150 145 140 135 130 125 120 115 110

ppm

ppm

75 70 65 60 55 50 45 40 35 30 25 20 15 10