

Varied nanostructures from a single multifunctional molecular material

David Canevet,^[a] Ángel Pérez del Pino,^[b] David B. Amabilino^{[b]*} and Marc Sallé^{[a]*}

[a] Dr. D. Canevet, Prof. Marc Sallé

Université d'Angers, MOLTECH ANJOU, UMR CNRS 6200

2 boulevard Lavoisier, 49045 Angers, France.

E-mail: marc.salle@univ-angers.fr; Fax: +33 241735405; Tel: +33 241735439

[b] Dr. Á. Pérez del Pino, Prof. D. B. Amabilino

Institut de Ciència de Materials de Barcelona (CSIC)

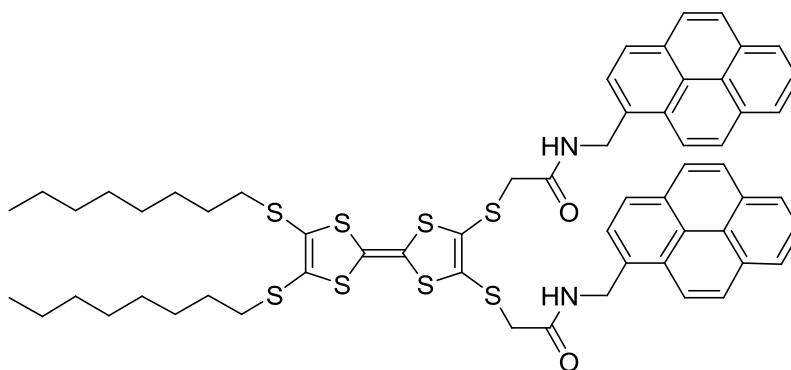
Campus Universitari de Bellaterra

08193 Cerdanyola del Vallès, Catalonia (Spain)

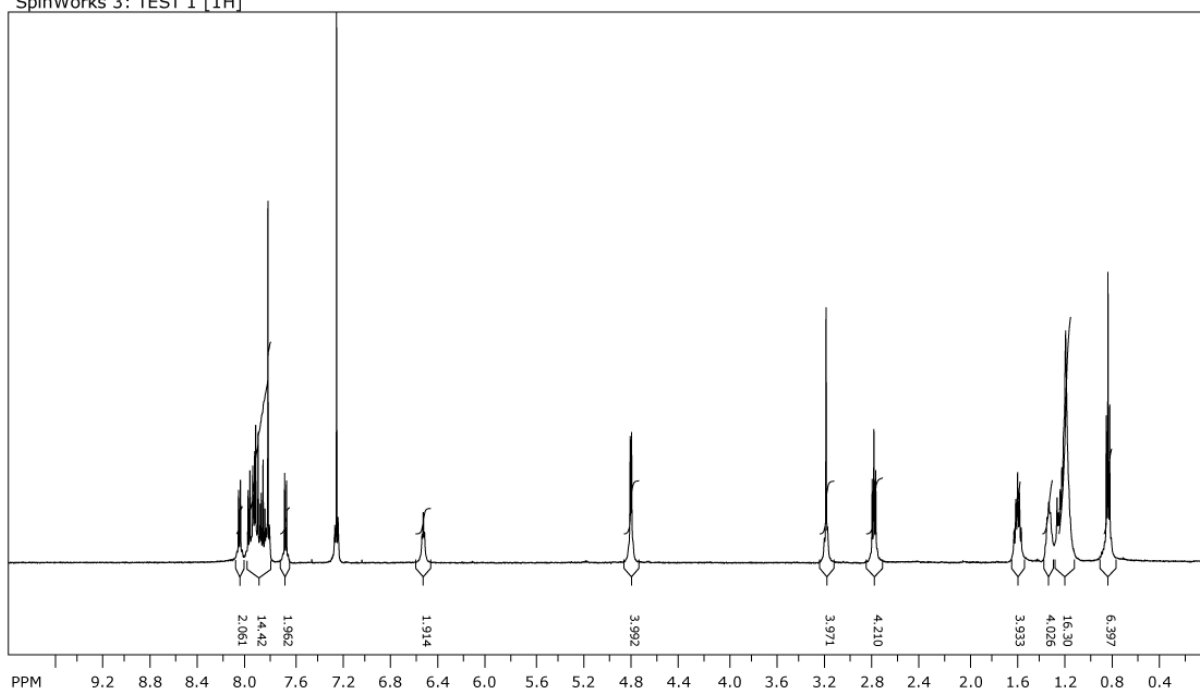
E-mail: amabilino@icmab.es

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Compound 1



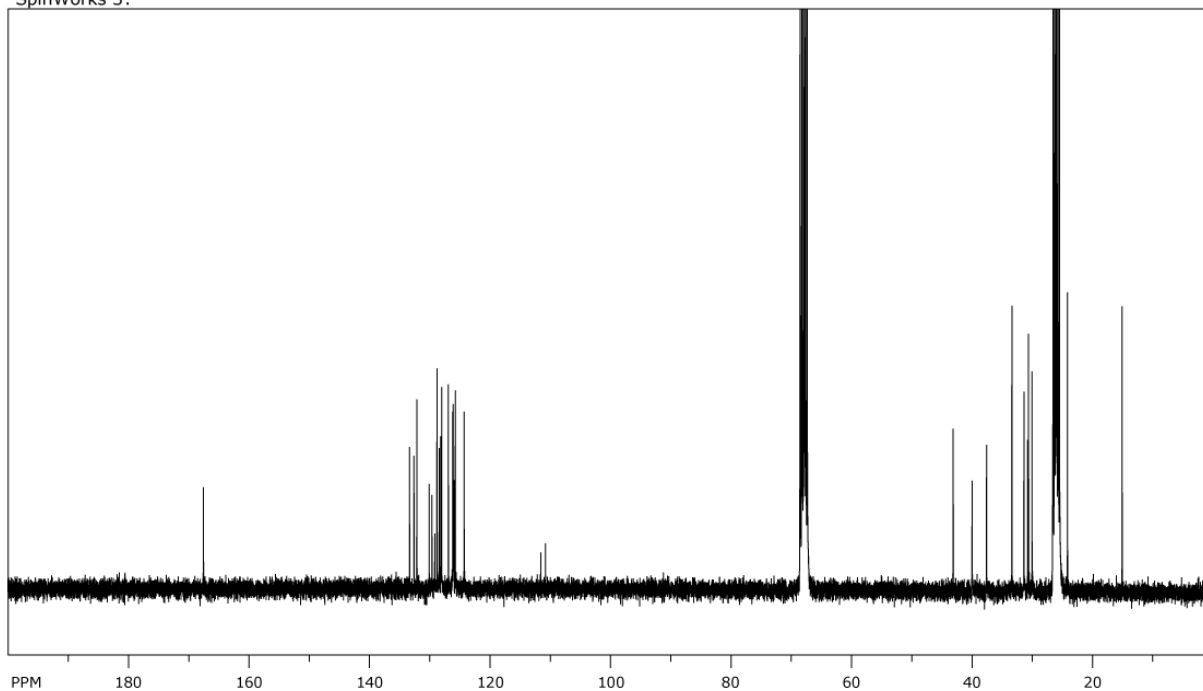
SpinWorks 3: TEST 1 [1H]



file: F:\Angers\RMN fld\dc236\1\fid exp: <zg30>
transmitter freq.: 499.902999 MHz
time domain size: 32768 points
width: 6510.42 Hz = 13.0234 ppm = 0.198682 Hz/pt
number of scans: 16

freq. of 0 ppm: 499.900032 MHz
processed size: 16384 complex points
LB: 0.200 GF: 0.0000
Hz/cm: 178.492 ppm/cm: 0.35705

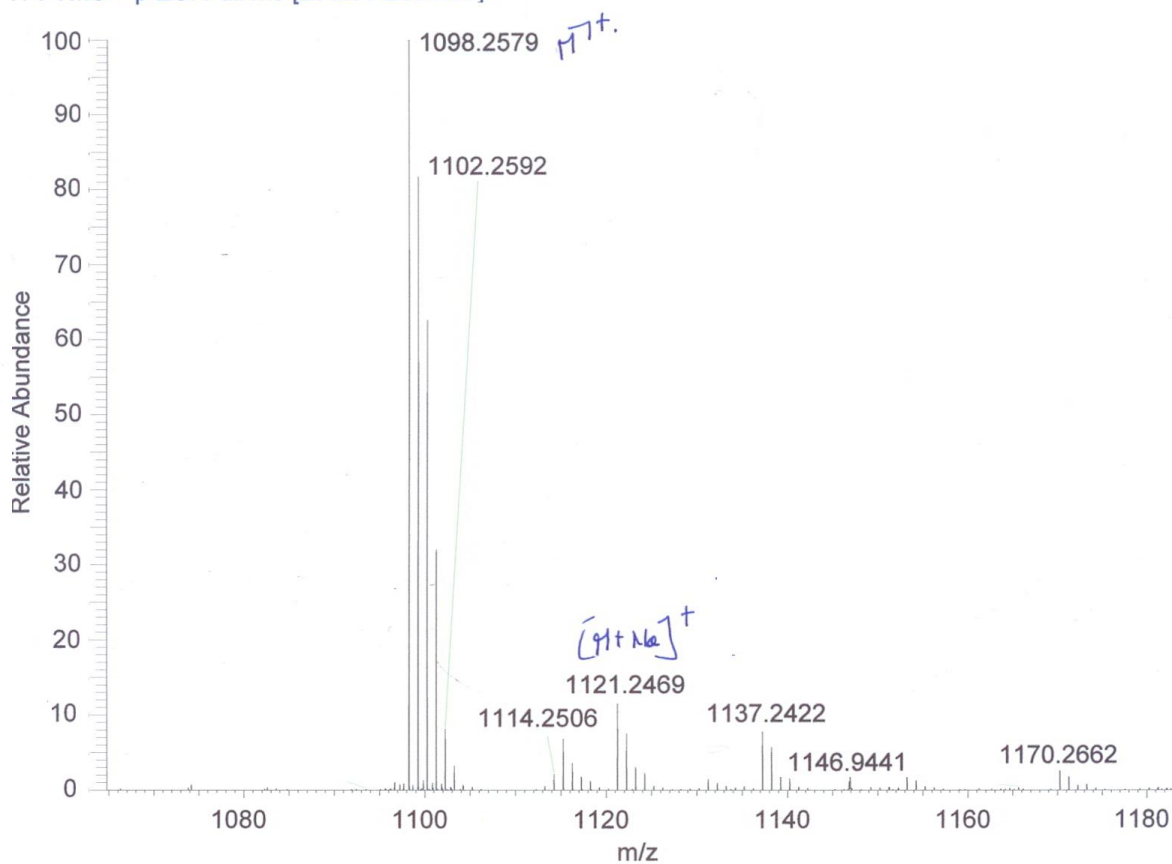
SpinWorks 3:



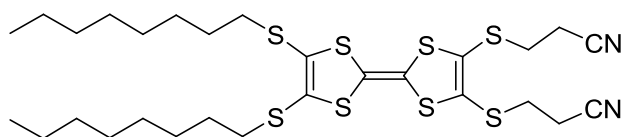
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transmitter freq.: 75.529993 MHz
time domain size: 65400 points
width: 22727.27 Hz = 300.9039 ppm = 0.347512 Hz/pt
number of scans: 20000

freq. of 0 ppm: 75.520324 MHz
processed size: 32768 complex points
LB: 0.000 GF: 0.0000
Hz/cm: 539.514 ppm/cm: 7.14304

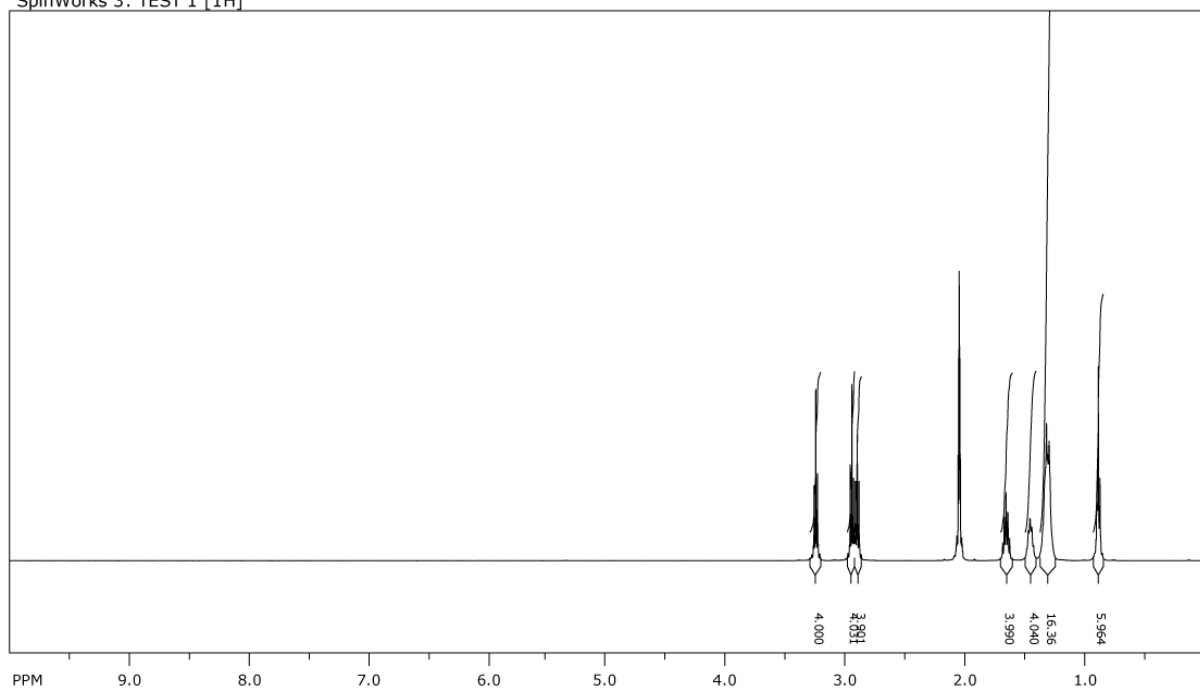
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T: FTMS + p ESI Full ms [200.00-2000.00]



Compound 2



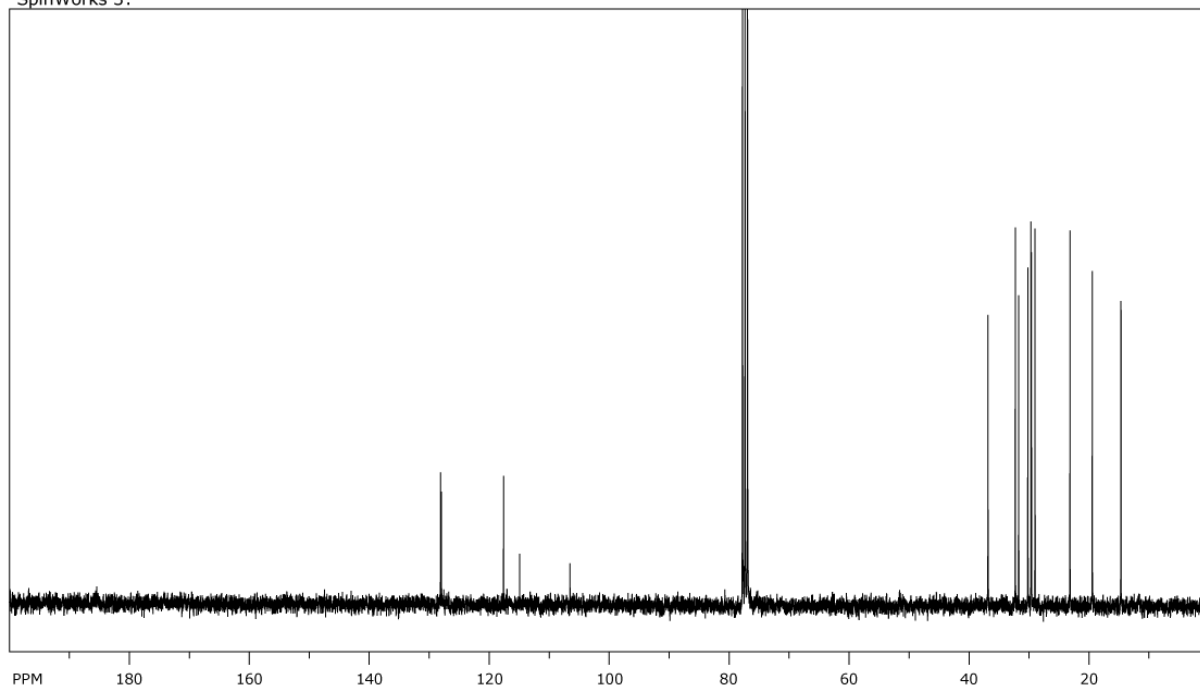
SpinWorks 3: TEST 1 [1H]



file: F:\Angers\RMN fid\dc220\1\fid exp: <zg30>
transmitter freq.: 499.902999 MHz
time domain size: 32768 points
width: 6510.42 Hz = 13.0234 ppm = 0.198682 Hz/pt
number of scans: 32

freq. of 0 ppm: 499.900013 MHz
processed size: 16384 complex points
LB: 0.200 GF: 0.0000
Hz/cm: 178.690 ppm/cm: 0.35745

SpinWorks 3:



file: F:\Angers\RMN fid\dc262\2\fid exp: <zpgg30>
transmitter freq.: 75.529993 MHz
time domain size: 65400 points
width: 22727.27 Hz = 300.9039 ppm = 0.347512 Hz/pt
number of scans: 527

freq. of 0 ppm: 75.520557 MHz
processed size: 32768 complex points
LB: 1.000 GF: 0.0000
Hz/cm: 539.514 ppm/cm: 7.14304

E:\dc\hot\analyses\DC235_1
CH3CN/H2O

08/07/2009 17:01:36

150V

DC235_1 #20-31 RT: 0.60-0.94 AV: 12 NL: 3.93E6
T: FTMS + p ESI Full ms [200.00-1000.00]

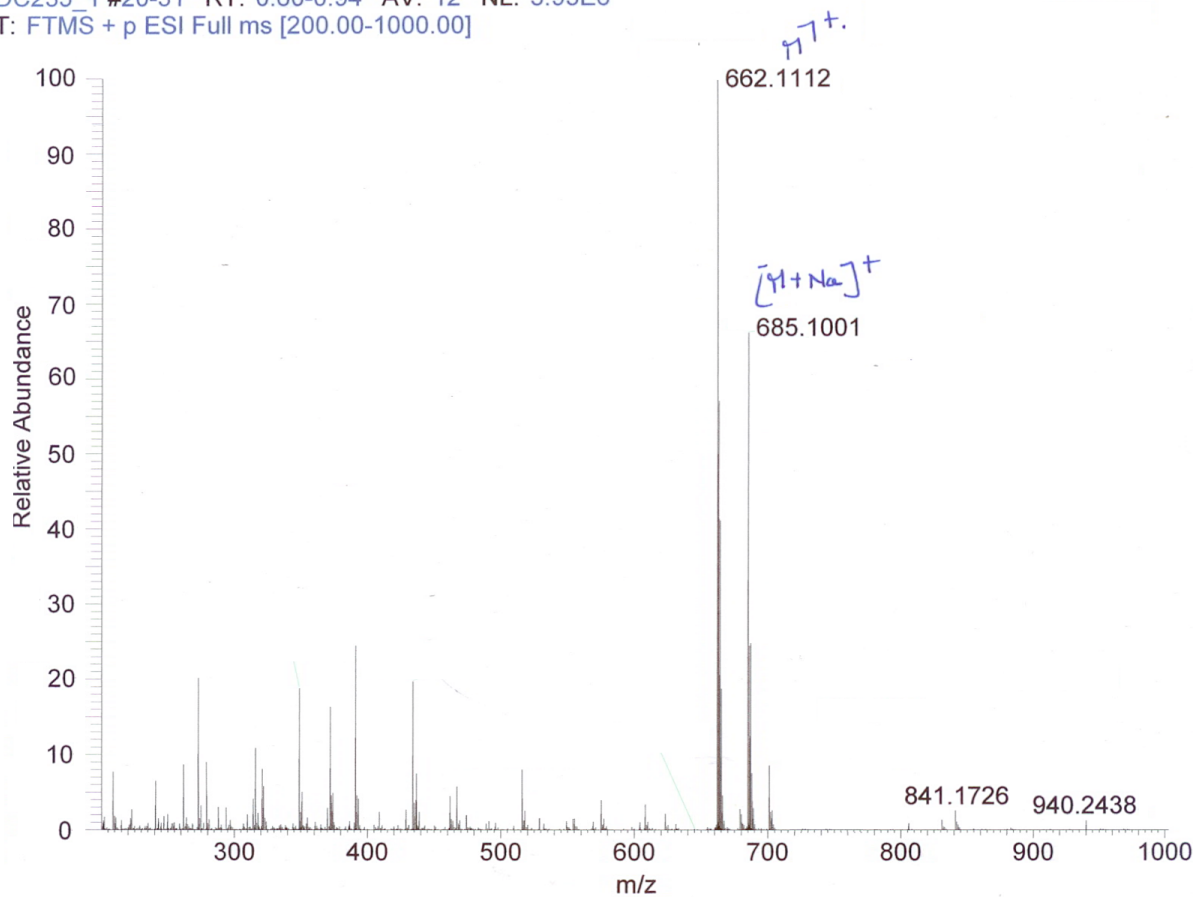


Fig. S11 - IR absorption spectra of the xerogel of **1** formed from ODCB (top), CB (middle) and chloroform (bottom) before and at different times after doping.

