

# F7 fraction: Compound 1

## Analysis Compound 1 HRMS

### Analysis Inf

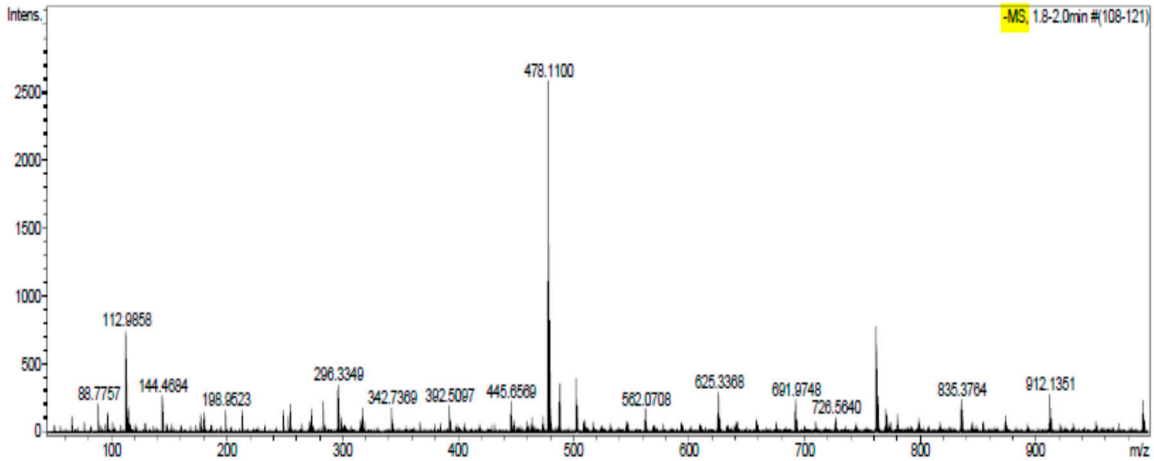
Analysis Na O:\Analyses SCA 2014\octobre\Nizar F7.d  
Method MS\_Inf\_TL\_50\_1000\_pos.m  
Sample Nam Nizar F7  
Comment

Acquisition Date 10/10/2014 12:04:05

Operator BDAL@DE  
Instrument / Ser# micrOTOF-Q II 10315

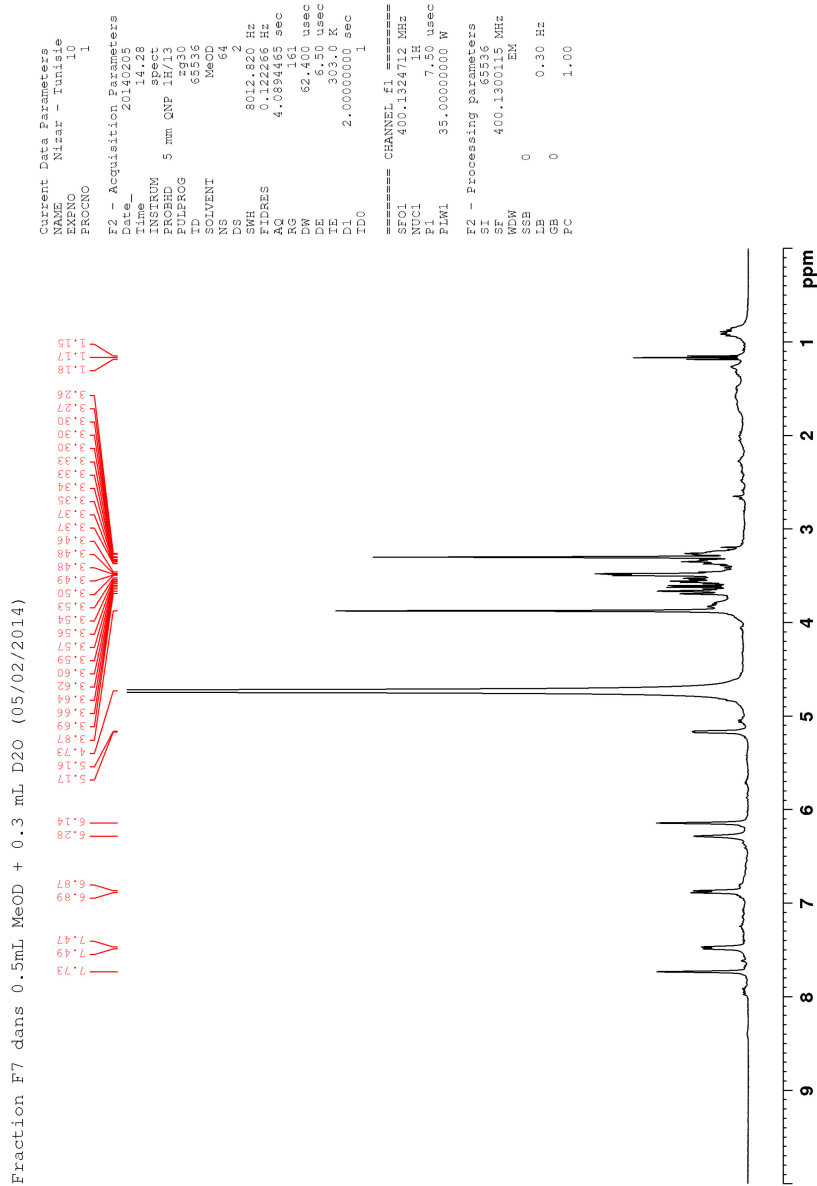
### Acquisition Param

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.6 Bar
Focus	Not active	Set Capillary	3500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	1000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Source



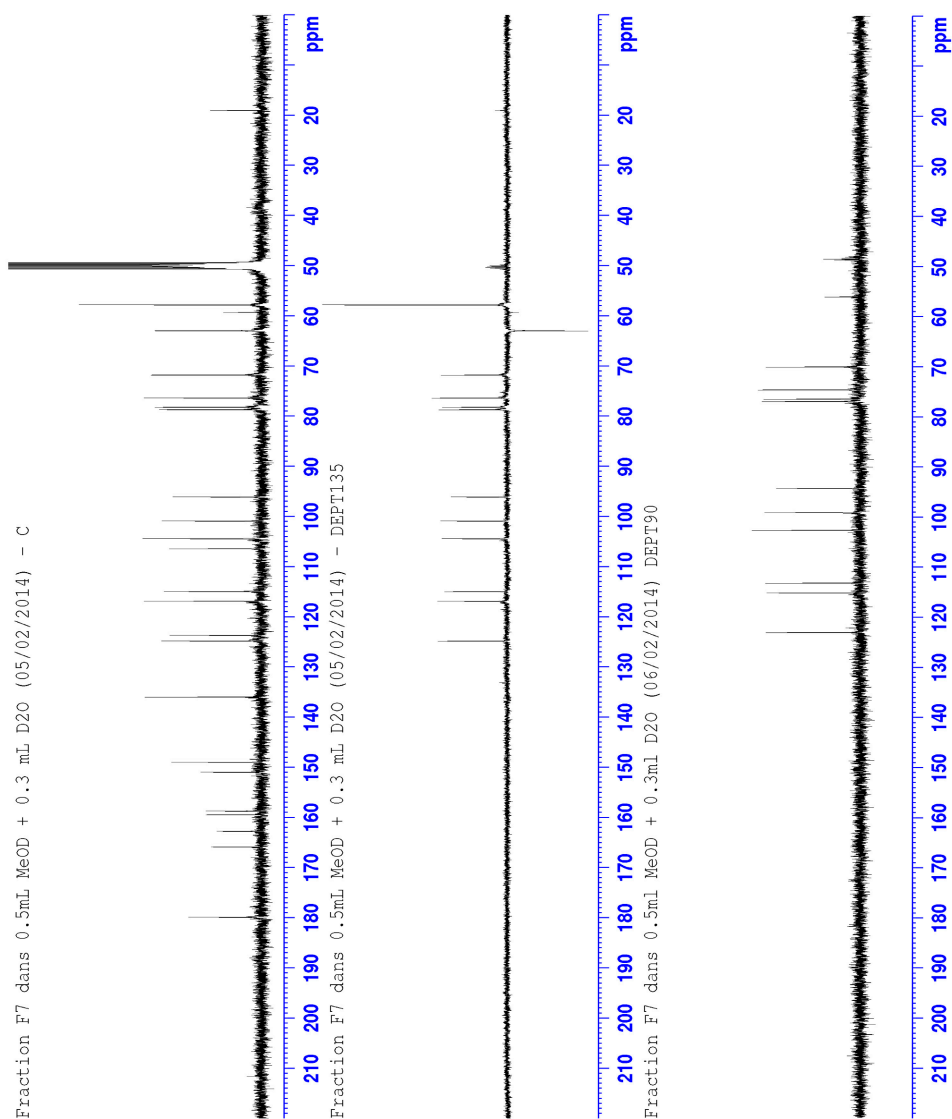
Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma
477.1050	1	C 22 H 21 O 12	100.00	477.1033	-1.7	-3.6	493.6

<sup>1</sup>H-NMR Spectra

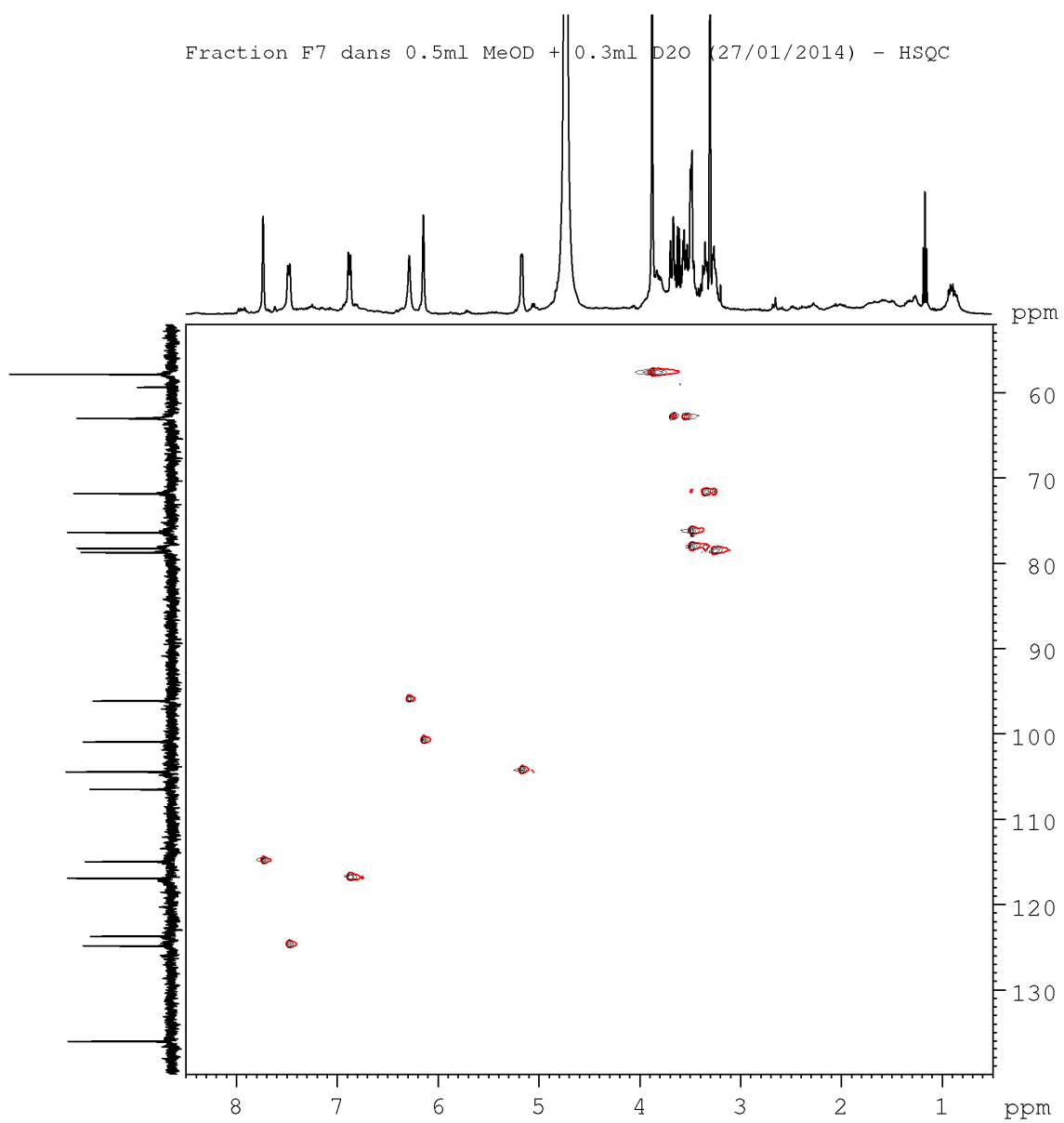




DEPT -90 and DEPT -135 Spectra

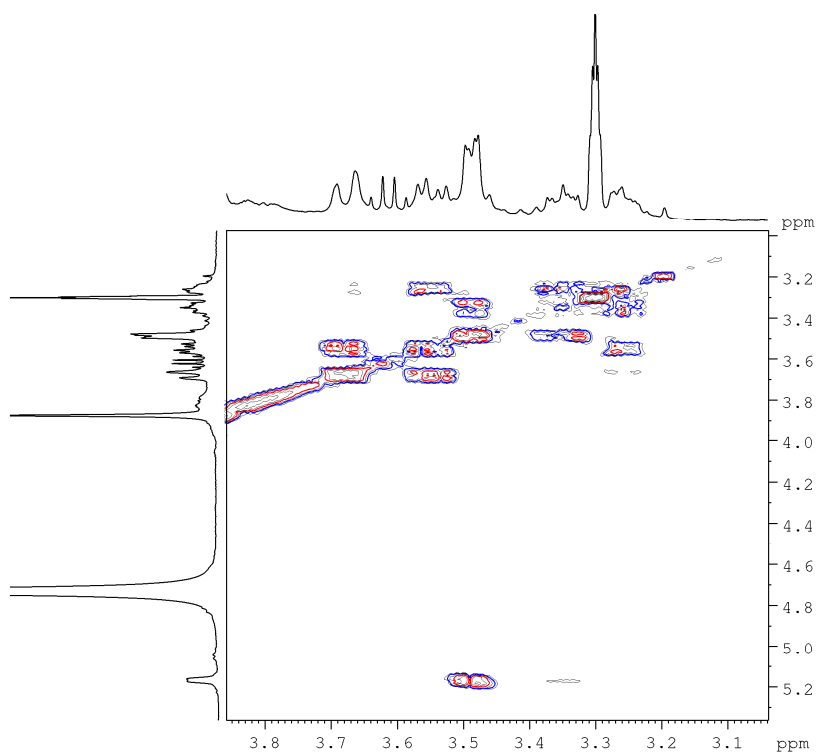
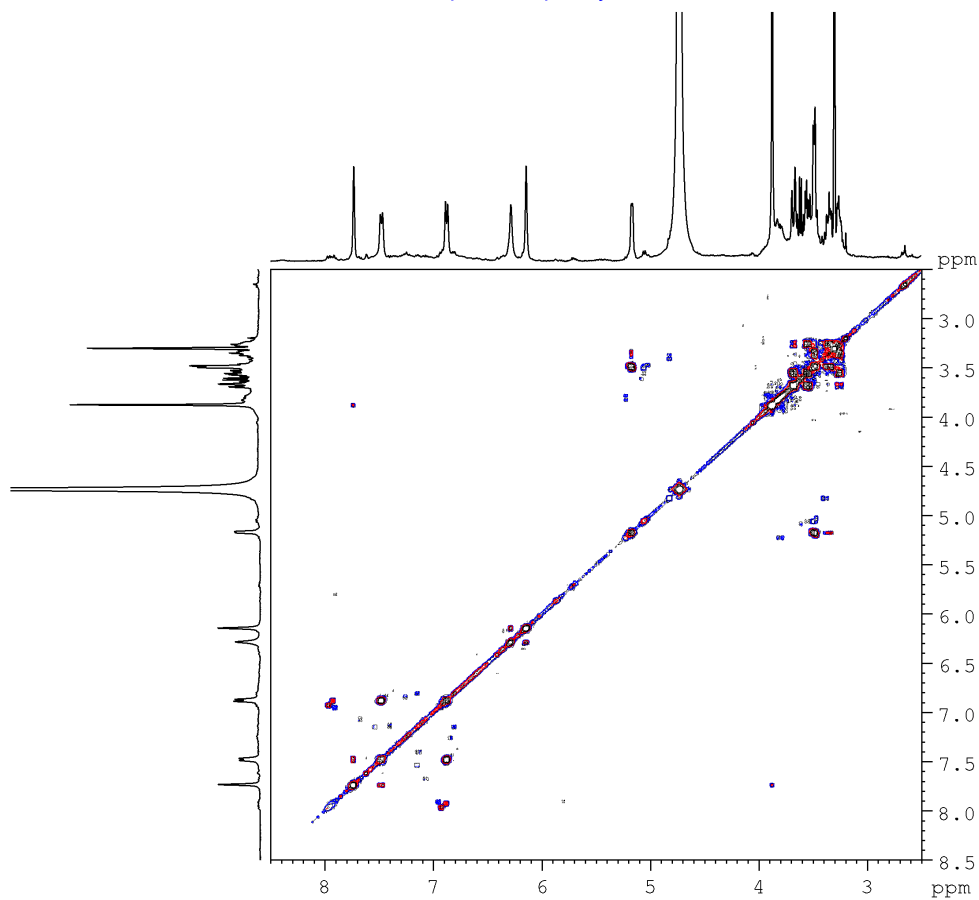


HSQC Spectra



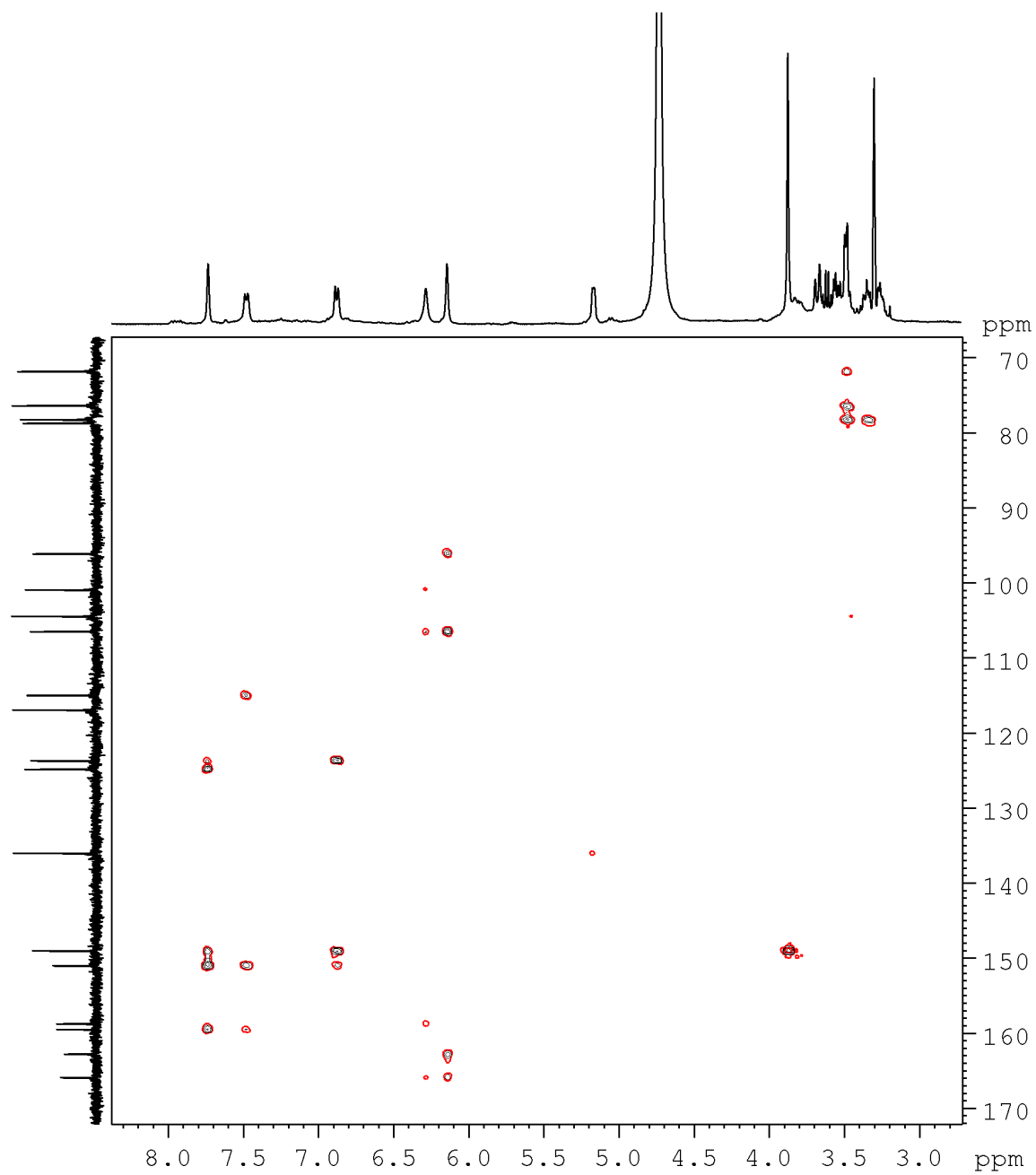
### COSY Spectra

Fraction F7 dans 0.5ml MeOD + 0.3ml D2O (06/02/2014) - cosy



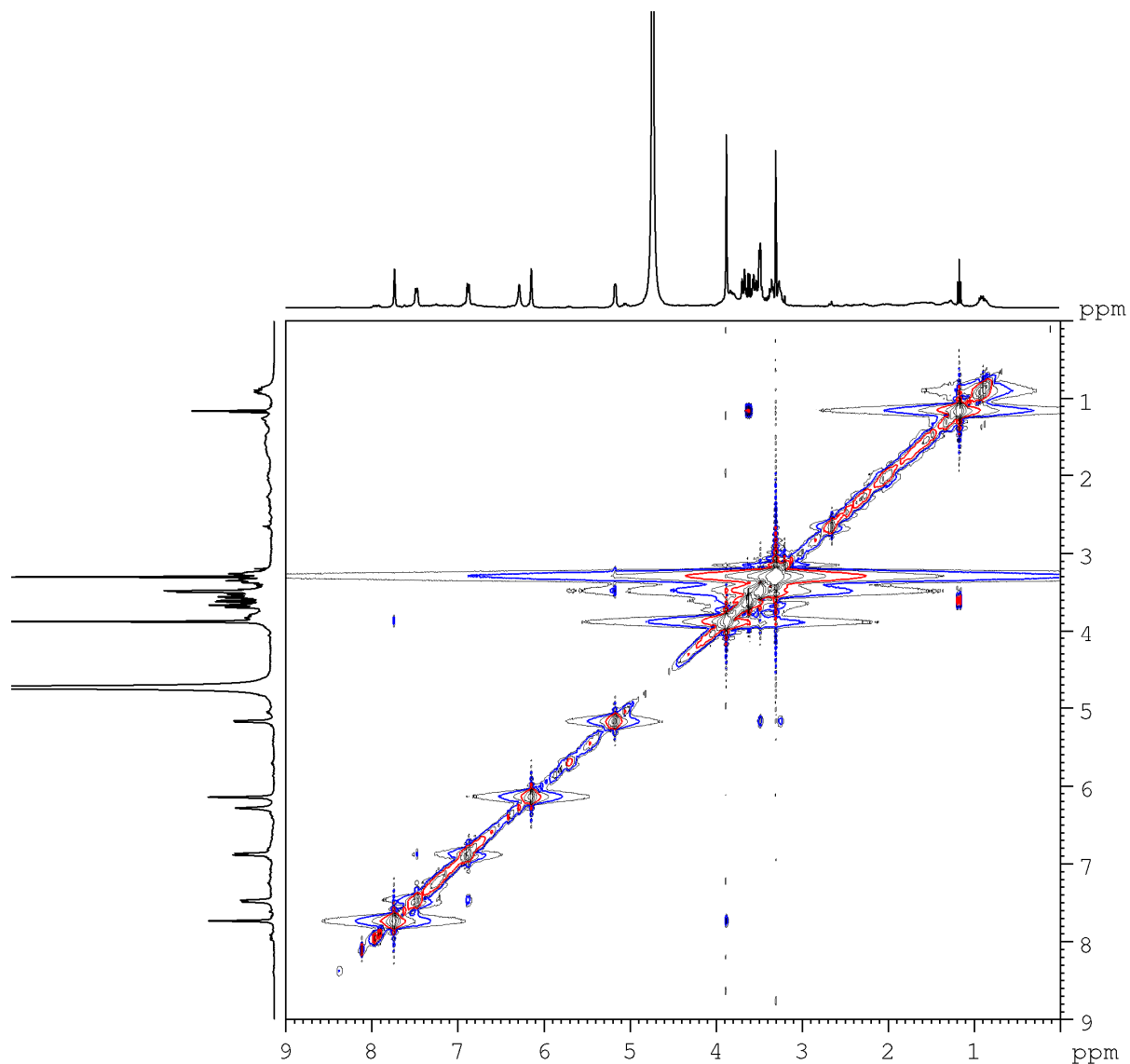
## HMBC Spectra

Fraction F7 dans 0.5ml MeOD + 0.3ml D2O (06/02/2014) - hmbc



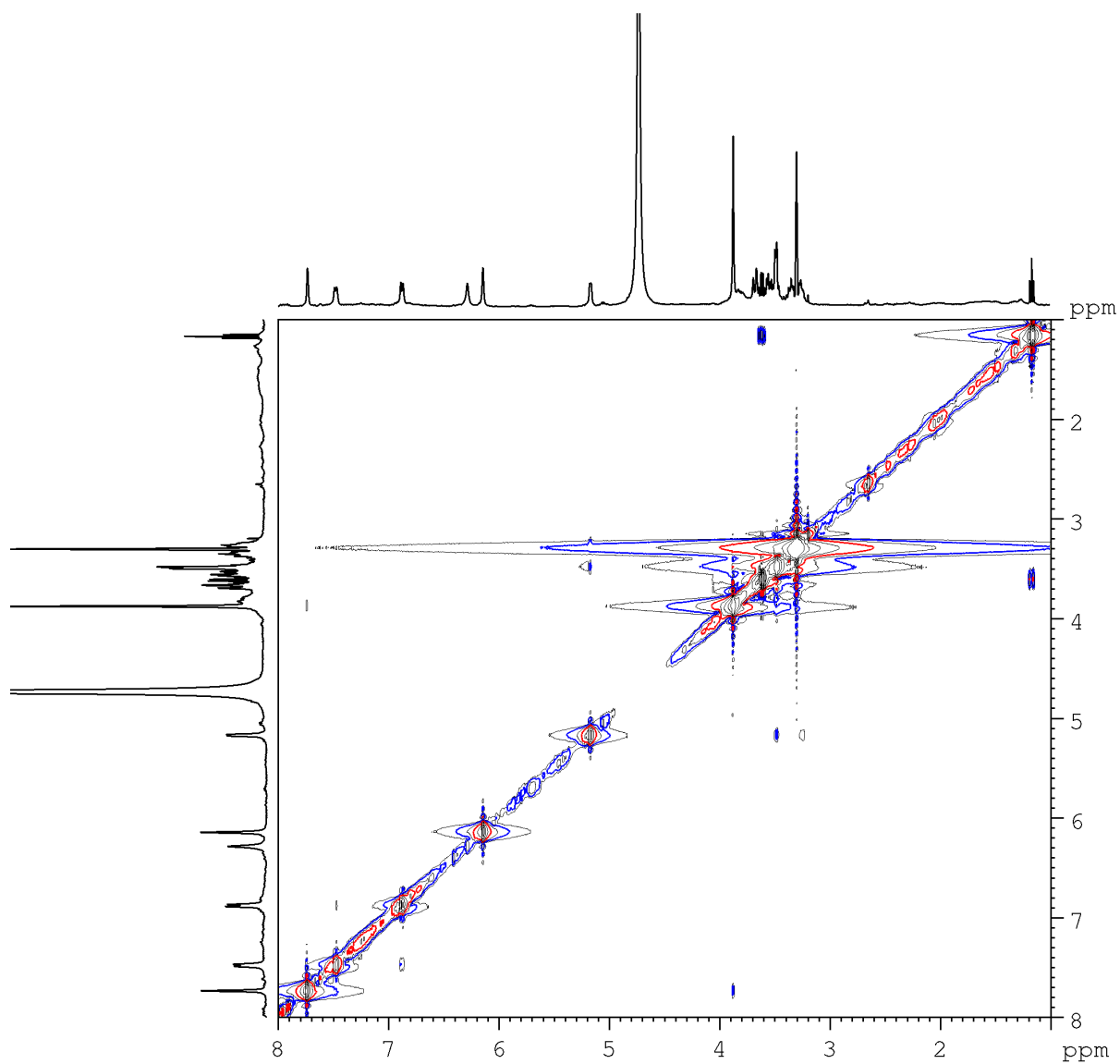
NOESY spectra

Fraction F7 dans 0.5mL MeOD + 0.3 mL D2O - NOESY - (07/05/2014)





Fraction F7 dans 0.5mL MeOD + 0.3 mL D2O - NOESY - (07/05/2014)

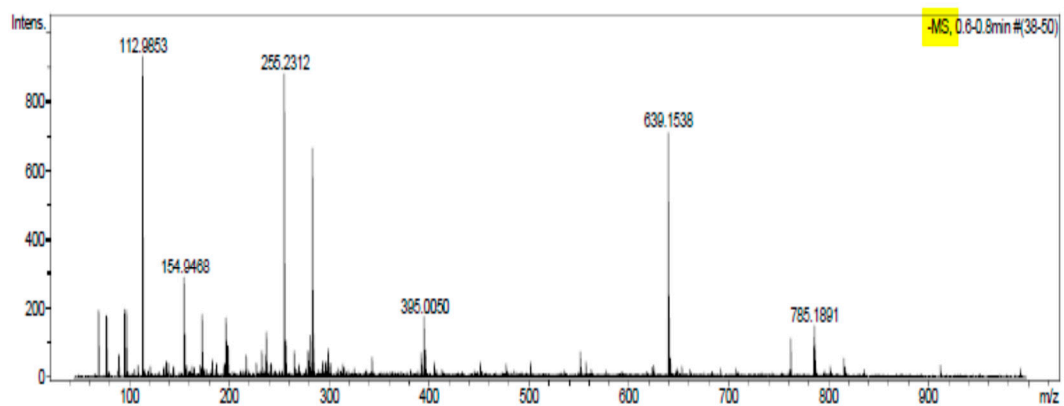


## F5 fraction: Compound 2

### Analysis Compound 2 HRMS

<b>Analysis Inf</b>	Acquisition Date	10/10/2014 11:58:29
Analysis Na O:\Analyses SCA 2014\octobre\Nizar F5-2.d	Operator	BDAL@DE
Method MS_Inf_TL_50_1000_pos.m	Instrument / Ser#	micrOTOF-Q II
Sample Nam Nizar F5		10315
Comment		

<b>Acquisition Param</b>	ESI	Ion Polarity	Negative	Set Nebulizer	0.6 Bar
Source Type	Not active	Set Capillary	3500 V	Set Dry Heater	180 °C
Focus	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan Begin	1000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Source



Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma
639.1538	1	C <sub>28</sub> H <sub>31</sub> O <sub>17</sub>	100.00	639.1567	2.9	4.5	43.2
	2	C <sub>35</sub> H <sub>27</sub> O <sub>12</sub>	66.68	639.1508	-3.0	-4.6	54.6



<sup>13</sup>C-NMR Spectra

Fraction F5 dans MeOD / D2O (17/02/2014) - C

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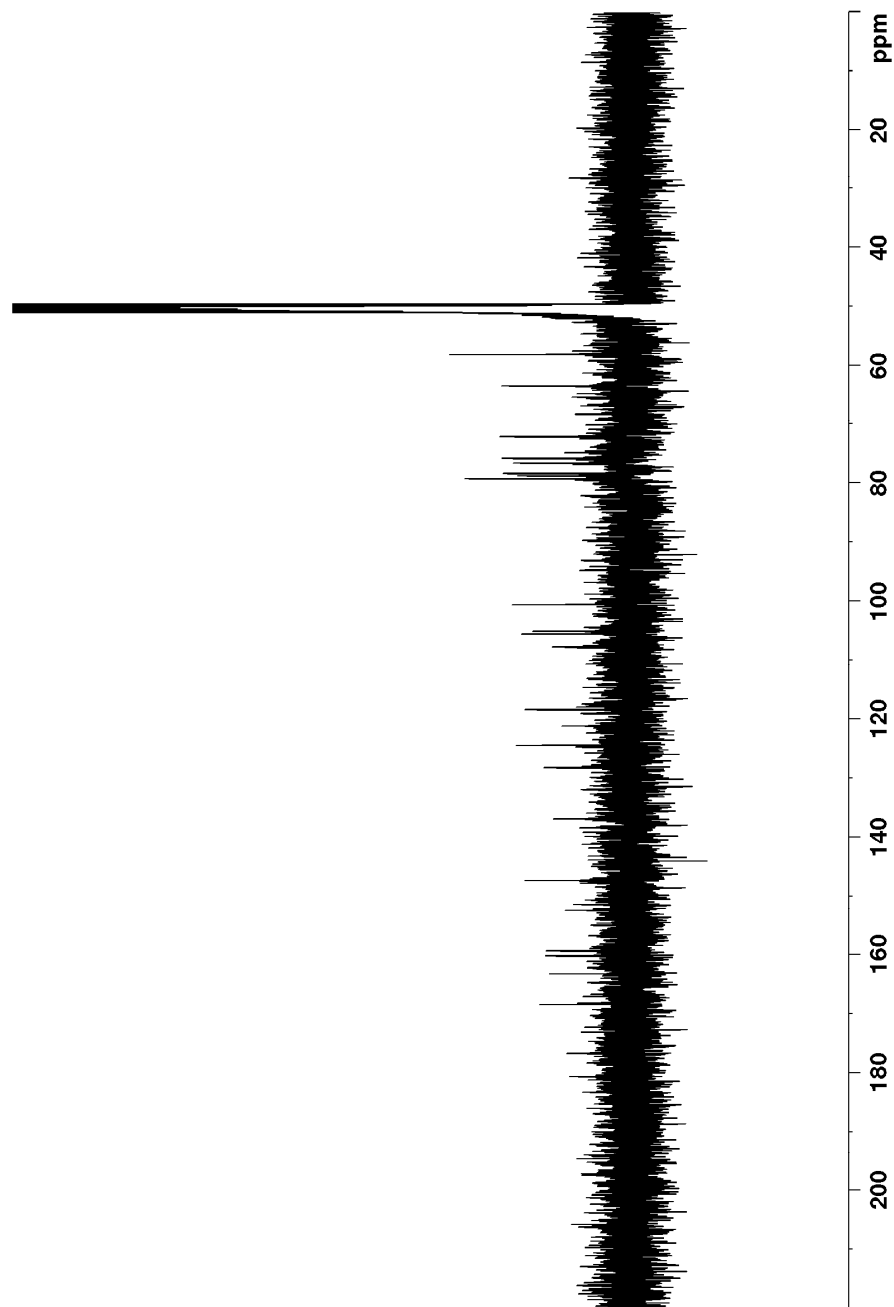
Current: Data Parameters
NAME      Nizar - Tunisie
EXPNO     59
PROCNO    1

F2 - Acquisition Parameters
Date_     20140217
Time      22:51
INSTRUM   spect
PROBHD    5 mm QNP 1H/13
PULPROG   zgpg30
TD         65536
SOLVENT   MeOD
NS         5504
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631488 sec
RG         2050
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         3.00000000 sec
D11        0.03000000 sec
ID0        1

===== CHANNEL f1 =====
SF01      100.6228306 MHz
NUC1       13C
P1         7.15 usec
PLW1      69.98400116 W

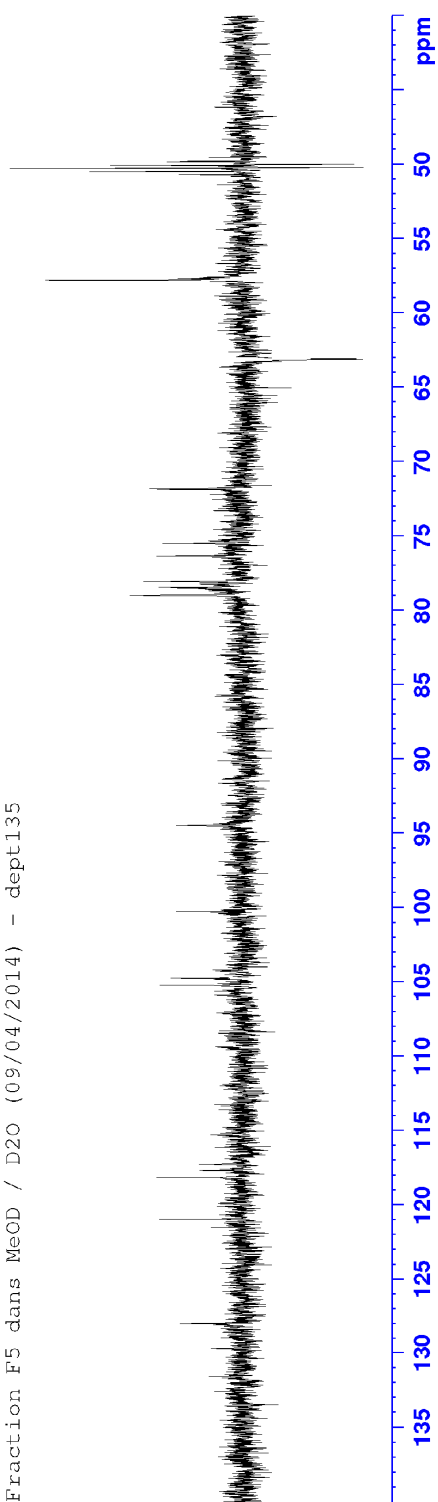
===== CHANNEL f2 =====
SF02      400.136006 MHz
NUC2       1H
CPDPRG12  waltz16
PCPD2     90.00 usec
PLM2      34.59499893 W
PLW2      0.2430000 W
PLW3      0.1968400 W

F2 - Processing Parameters
SI         32768
SF         100.6128265 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
FC         1.40
    
```

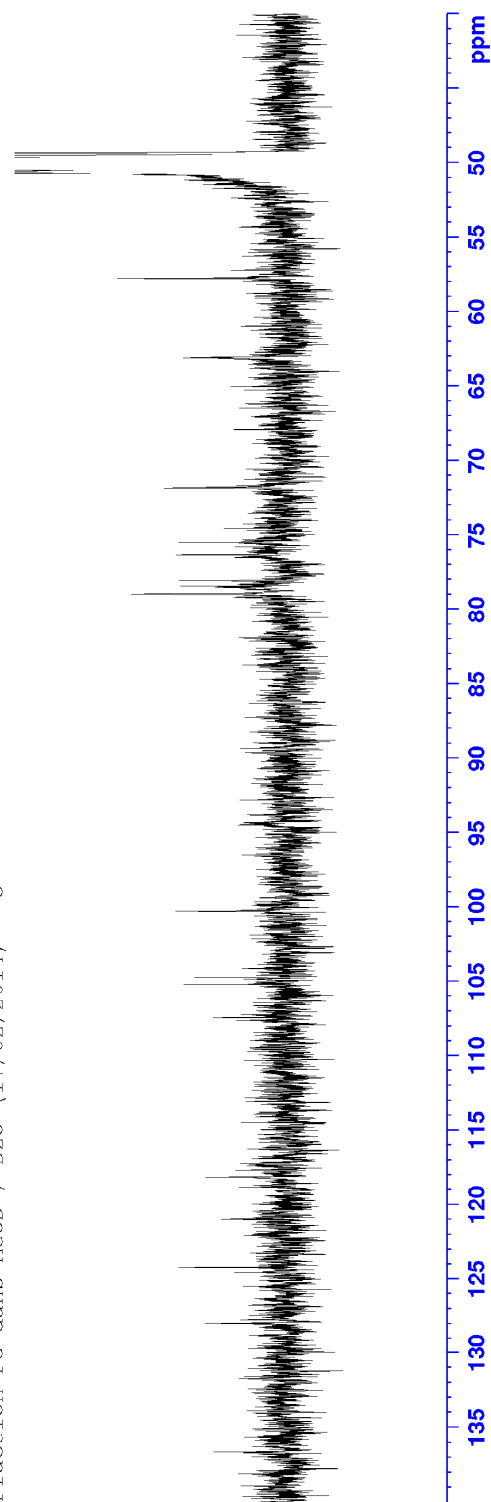


DEPT 135 spectra

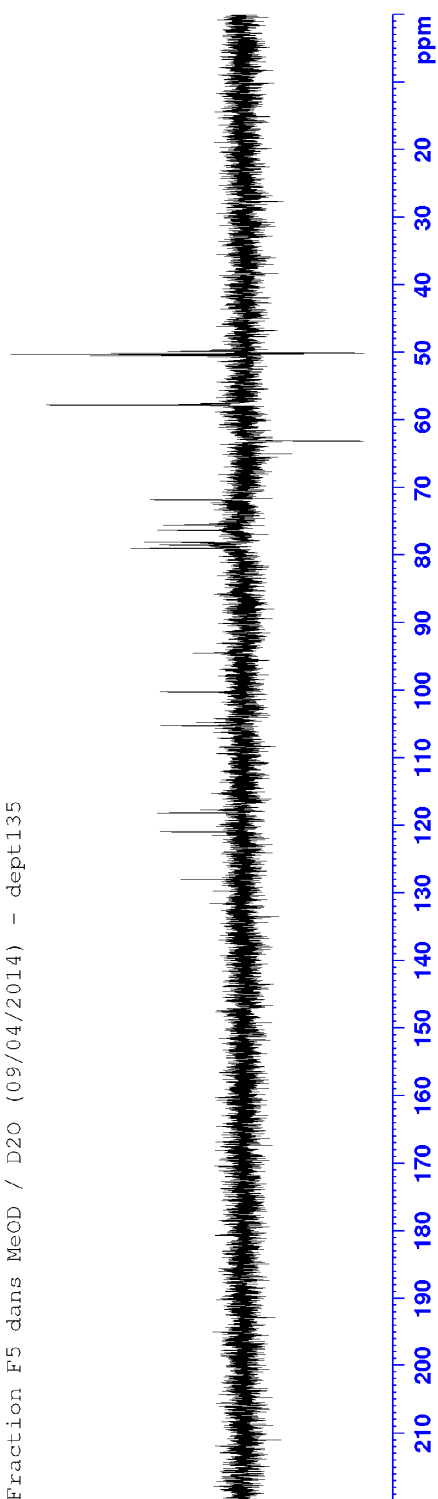
Fraction F5 dans MeOD / D2O (09/04/2014) - dept135



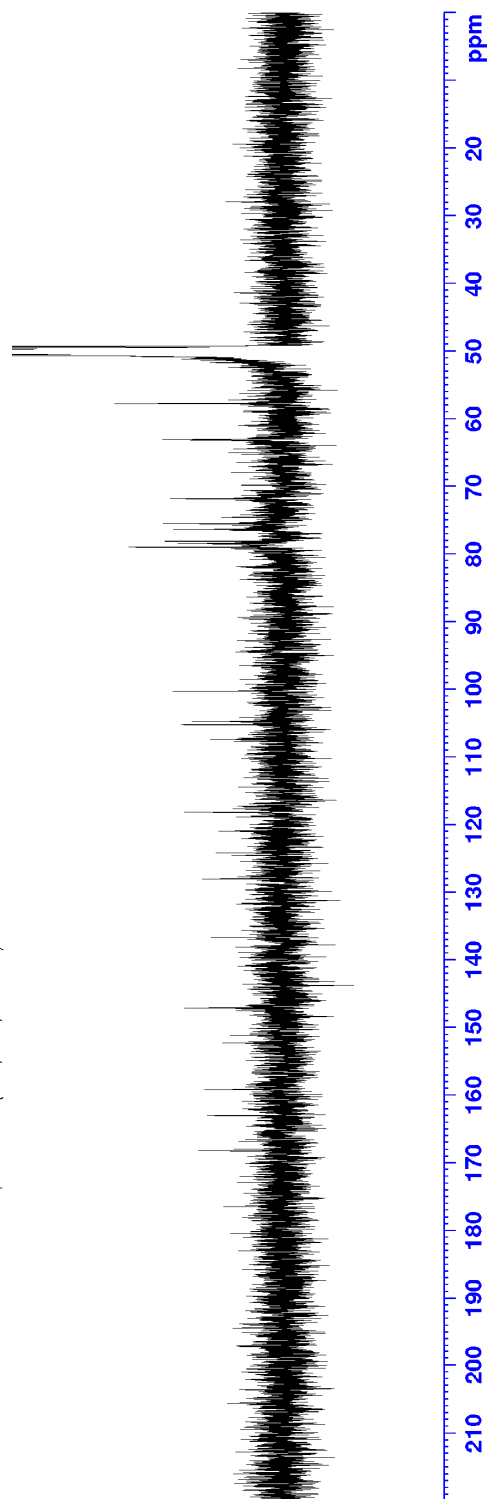
Fraction F5 dans MeOD / D2O (17/02/2014) - C



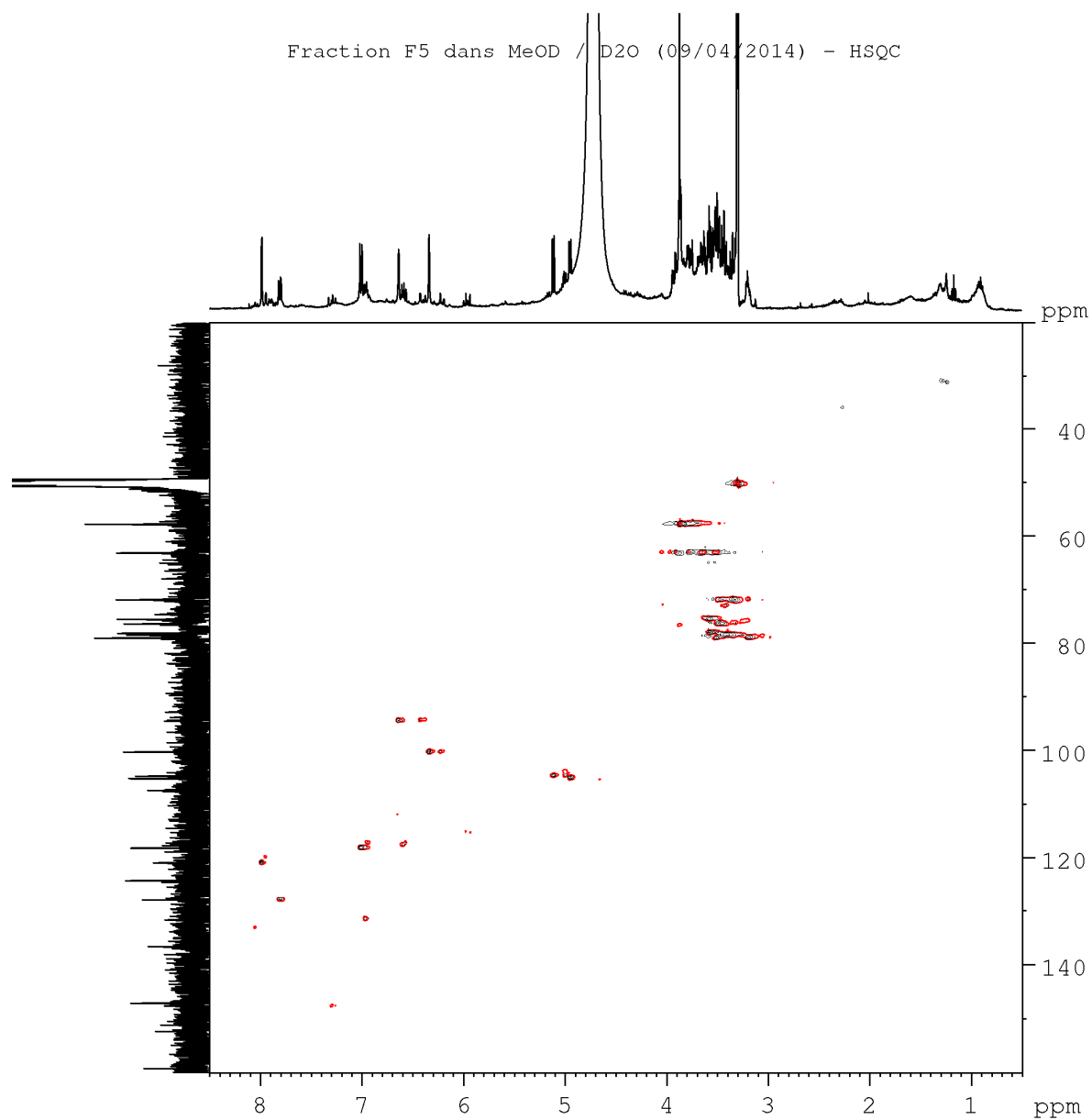
Fraction F5 dans MeOD / D2O (09/04/2014) - dept135



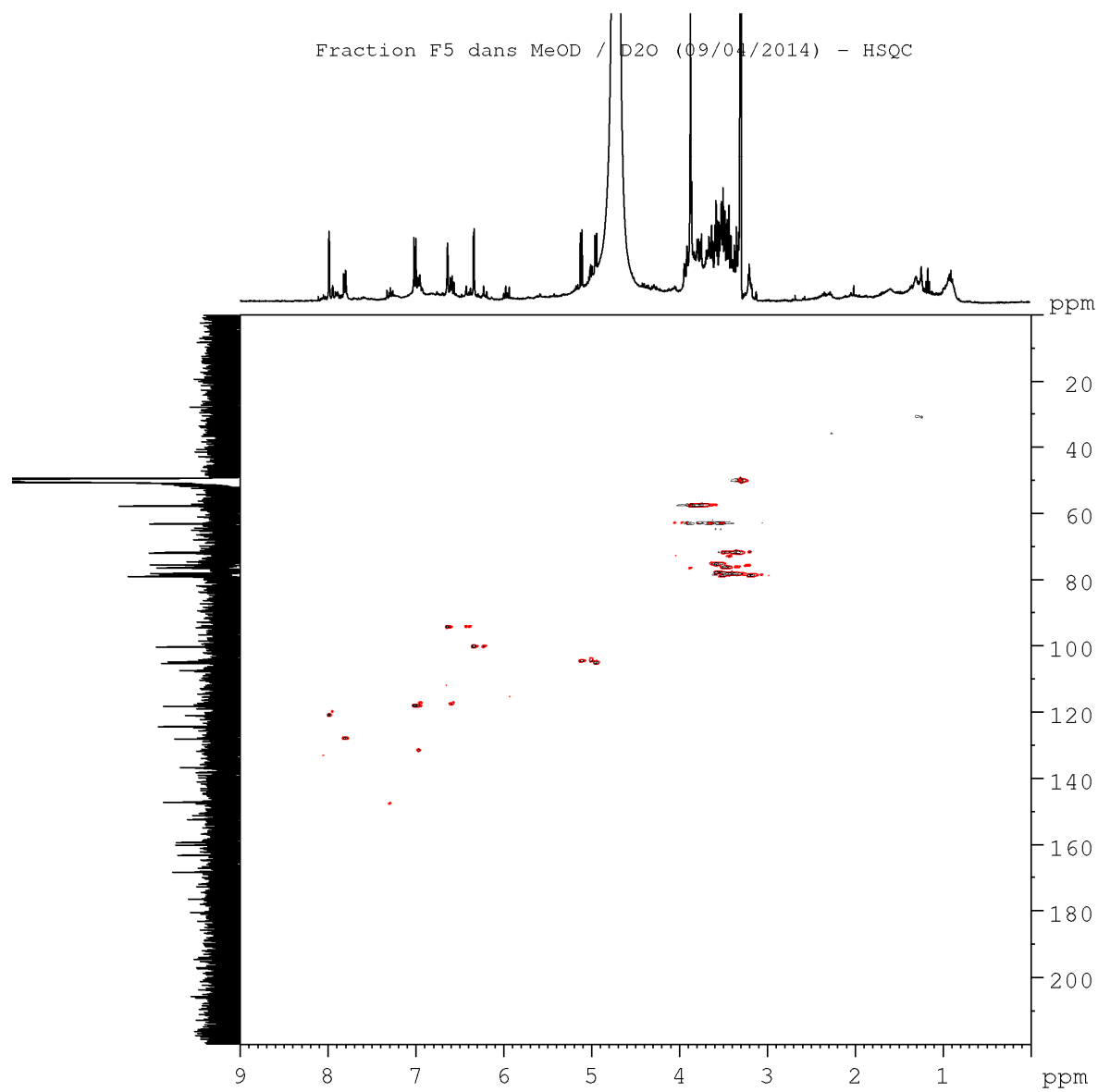
Fraction F5 dans MeOD / D2O (17/02/2014) - C



HSQC Spectra



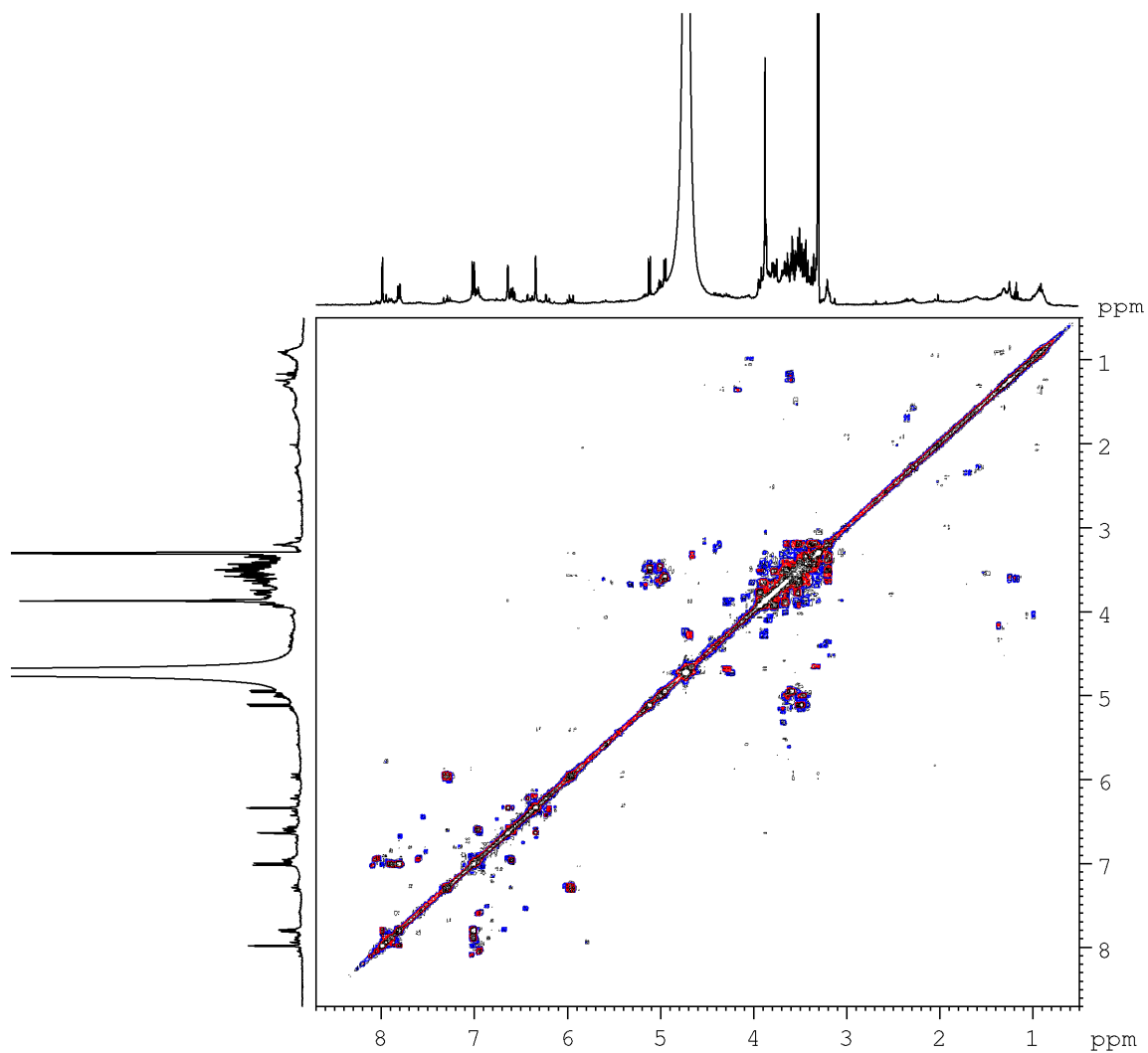
HSQC Spectra

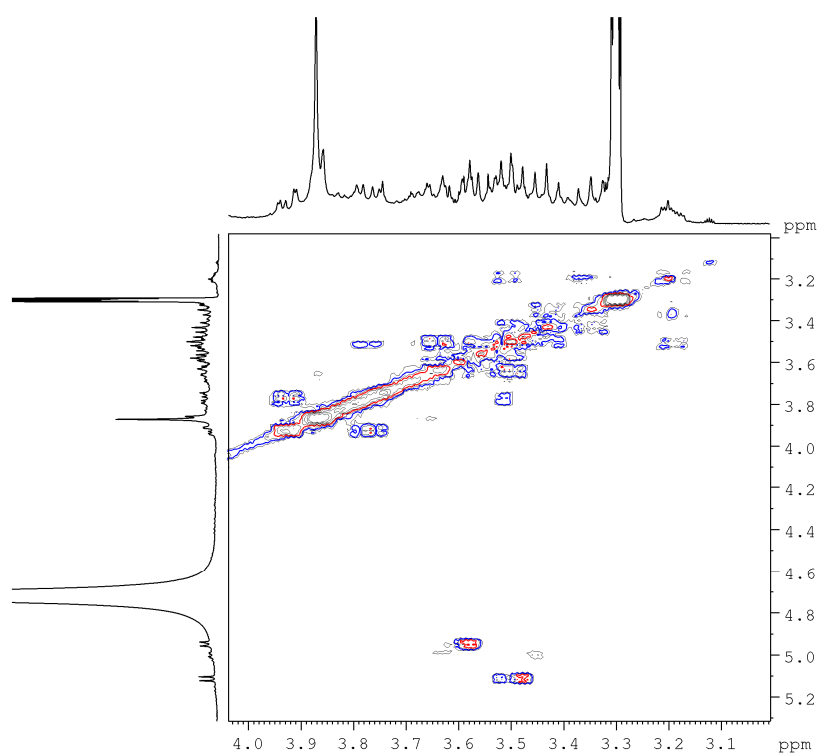
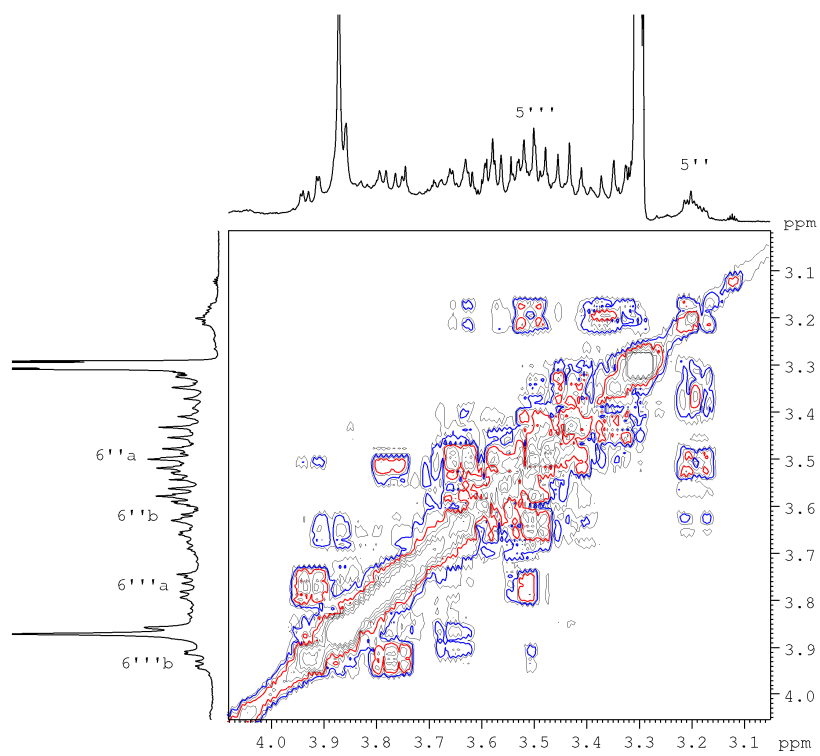




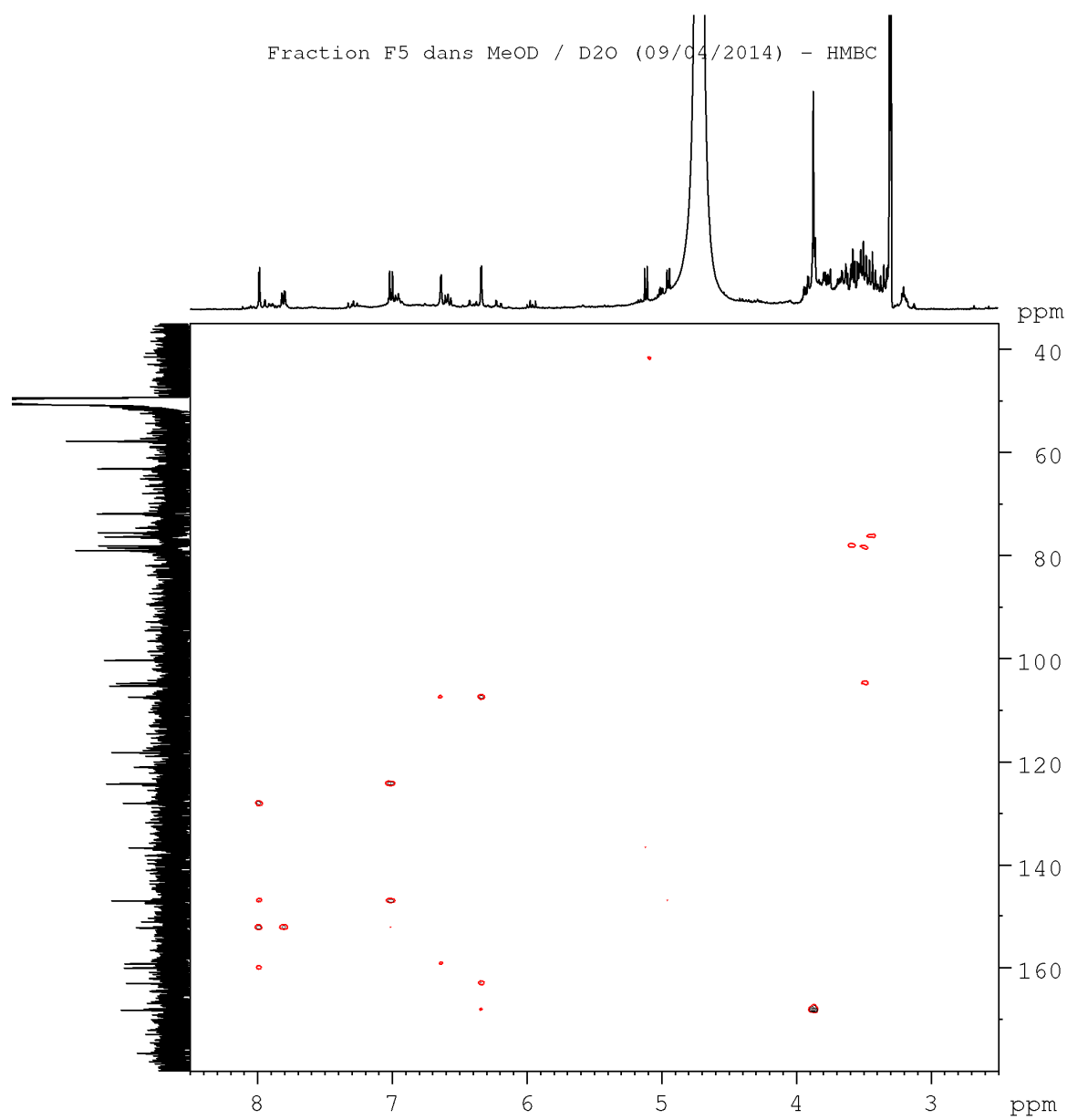
COSY spectra

Fraction F5 dans MeOD / D2O (09/04/2014) - COSY





### HMBC Spectra



NOESY spectra

Fraction F5 dans MeOD / D2O (07/05/2014) - NOESY

