

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083079.D
 Acq On : 20 Nov 2015 13:56
 Operator : UM/IZ
 Sample : G4452-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-03

Quant Time: Nov 20 22:54:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

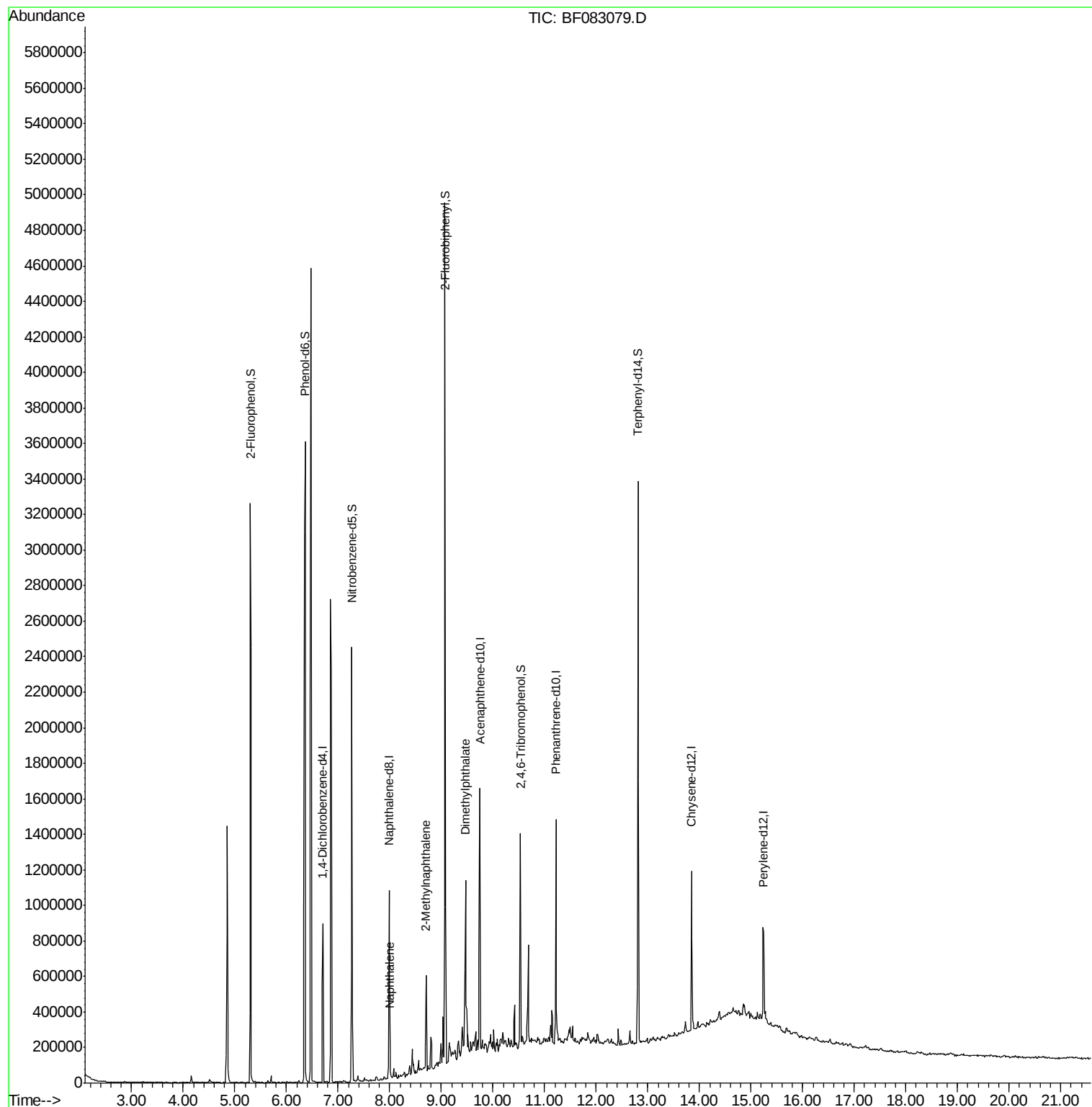
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164737	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	566420	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	290155	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	434074	20.00	ng	0.00
75) Chrysene-d12	13.85	240	365037	20.00	ng	-0.01
86) Perylene-d12	15.24	264	311689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1193490	112.53	ng	0.01
7) Phenol-d6	6.36	99	1746711	125.04	ng	0.01
23) Nitrobenzene-d5	7.26	82	835163	67.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	203450	66.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1486209	68.99	ng	-0.01
78) Terphenyl-d14	12.81	244	1148277	74.26	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.01	128	60624	2.05	ng	98
37) 2-Methylnaphthalene	8.70	142	132925	6.77	ng	98
49) Dimethylphthalate	9.47	163	392436	16.43	ng	98

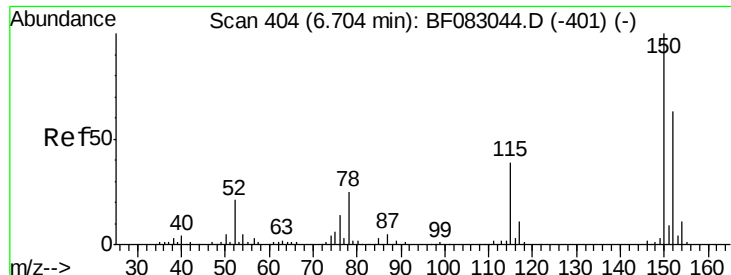
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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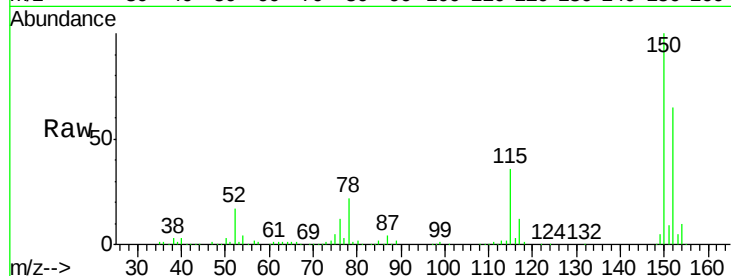


#1

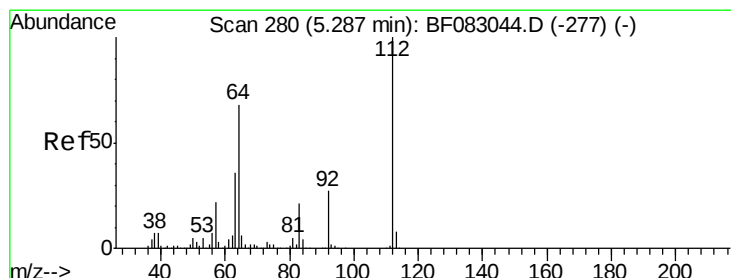
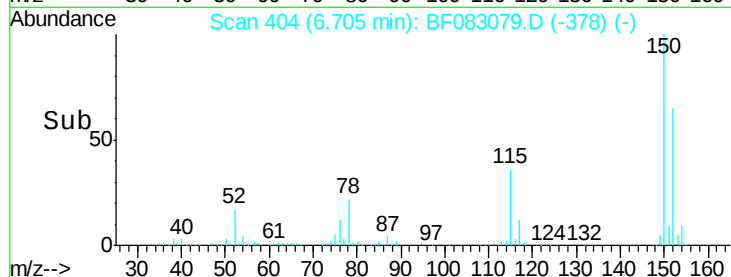
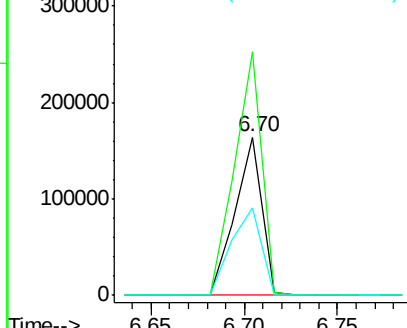
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
RW-20151116-03

Tot Ion:152 Resp: 164737
Ion Ratio Lower Upper
152 100
150 154.0 126.4 189.6
115 55.6 49.0 73.6



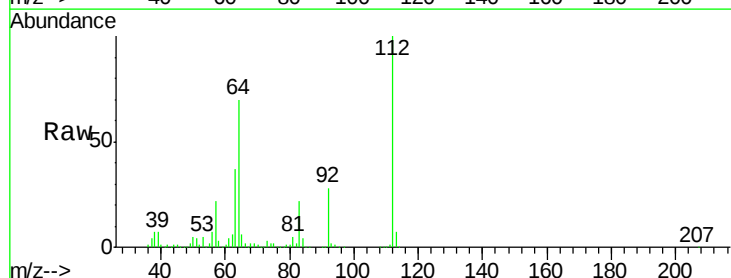
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



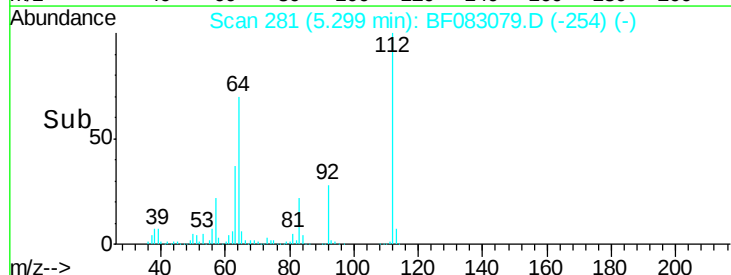
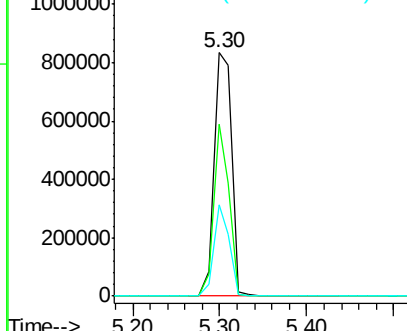
#5

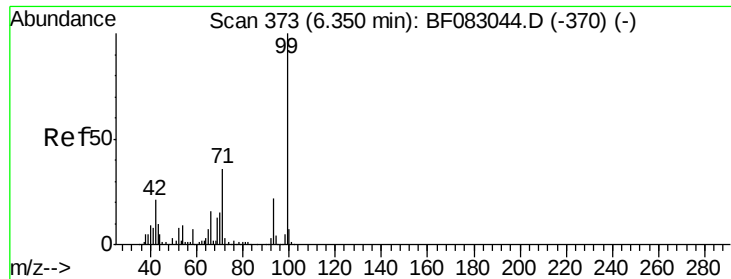
2-Fluorophenol
Concen: 112.53 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion:112 Resp: 1193490
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 37.2 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.04 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

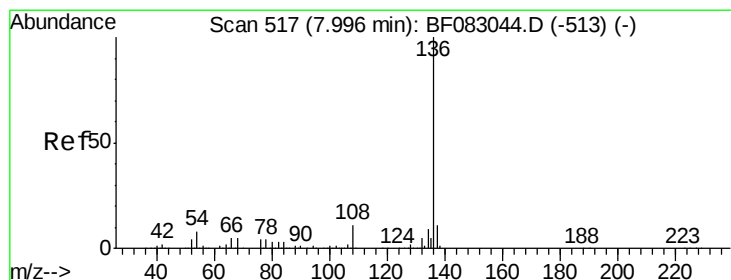
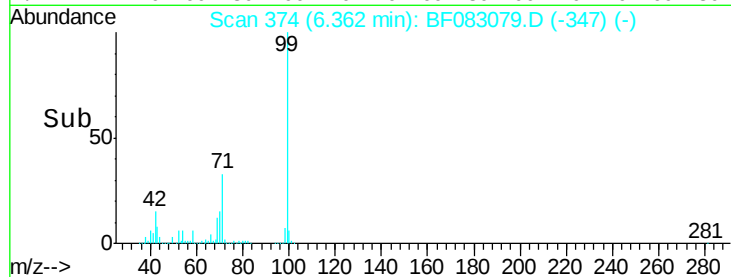
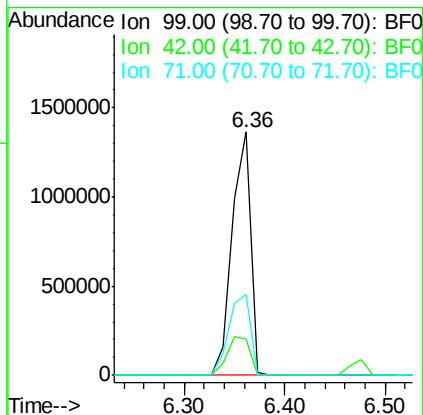
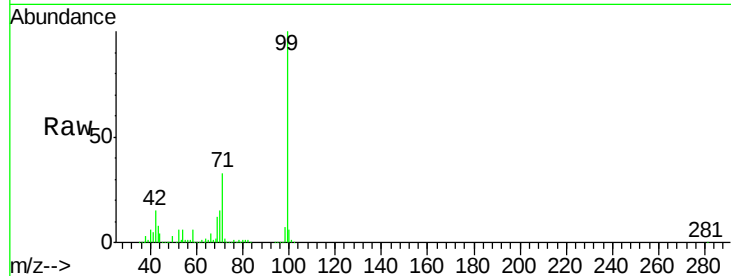
BNA_F

ClientSampleId :

RW-20151116-03

Tot Ion: 99 Resp: 1746711

Ion	Ratio	Lower	Upper
99	100		
42	15.1	16.6	25.0#
71	33.2	29.2	43.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

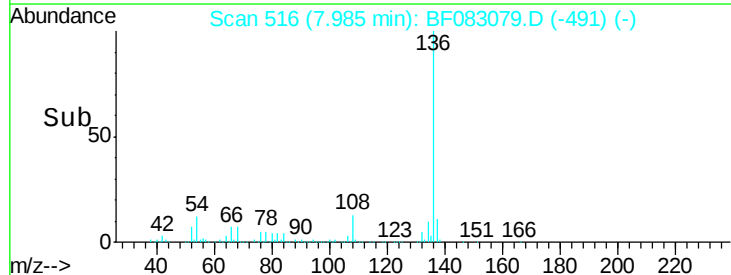
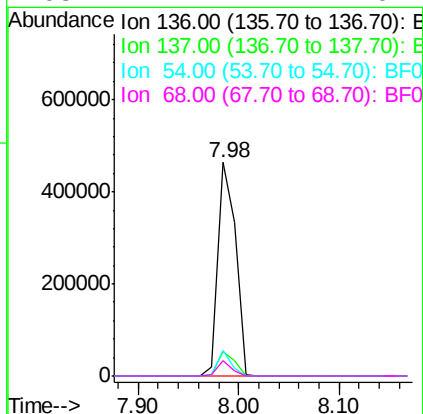
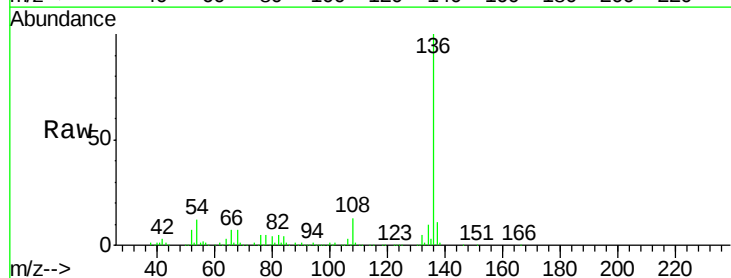
Delta R.T. -0.01 min

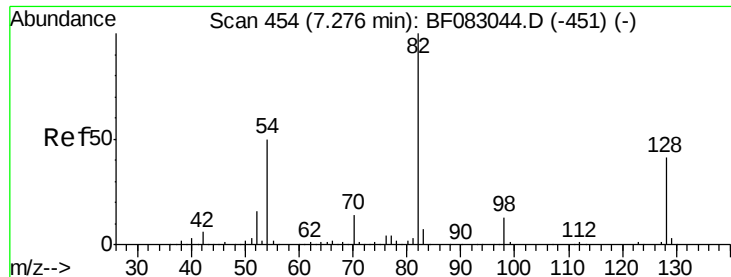
Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Tgt Ion: 136 Resp: 566420

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	11.7	6.2	9.2#
68	7.2	4.2	6.2#

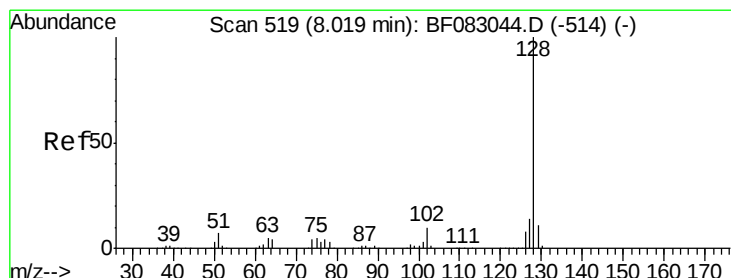
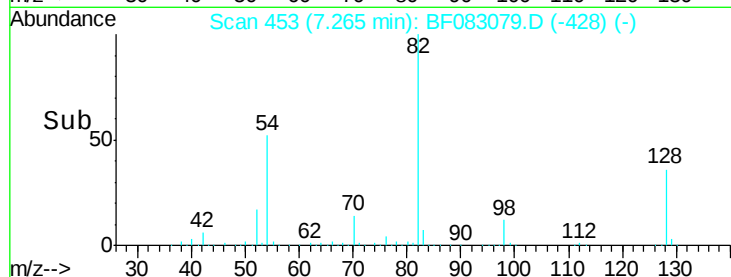
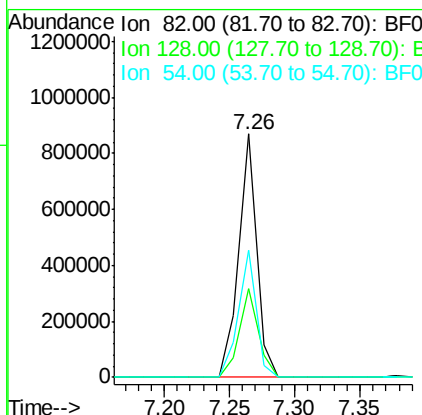
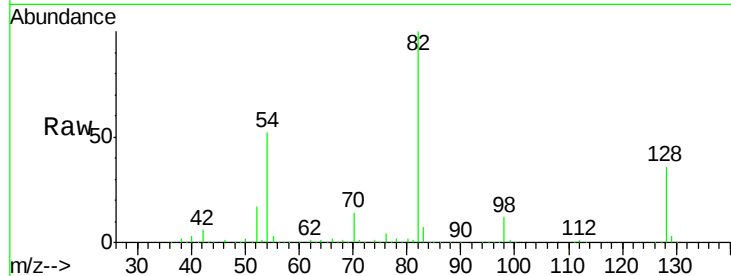




#23
Nitrobenzene-d5
Concen: 67.50 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

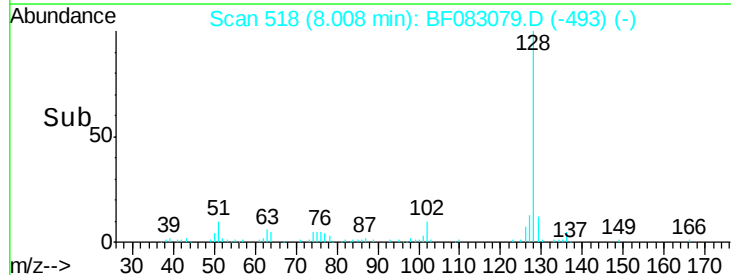
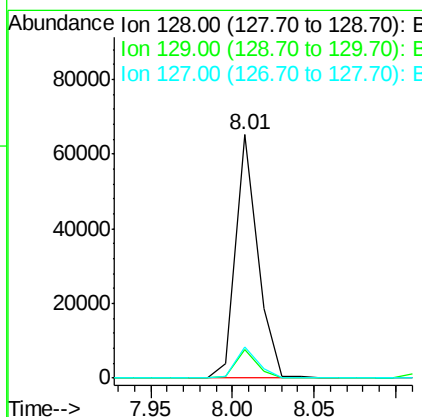
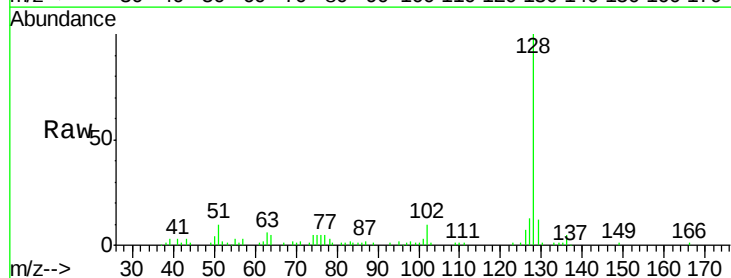
Instrument :
BNA_F
ClientSampleId :
RW-20151116-03

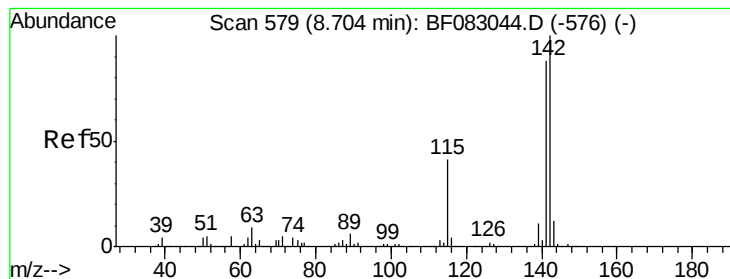
Tot Ion	82	Resp	835163
Ion Ratio	100	Lower	Upper
128	36.5	33.1	49.7
54	52.4	39.8	59.6



#31
Naphthalene
Concen: 2.05 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion	128	Resp	60624
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.7	9.0	13.4
127	12.8	10.9	16.3

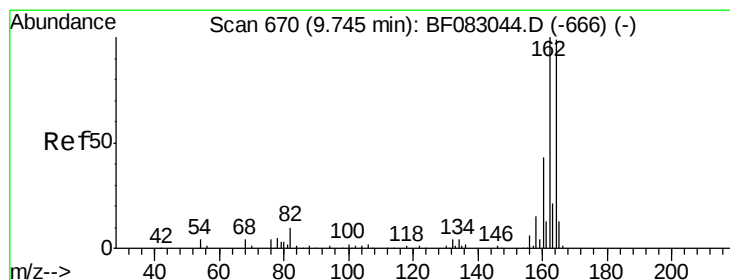
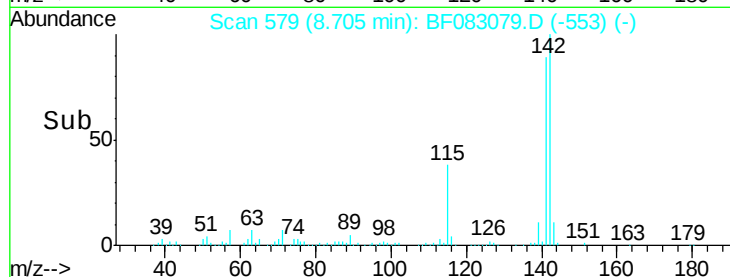
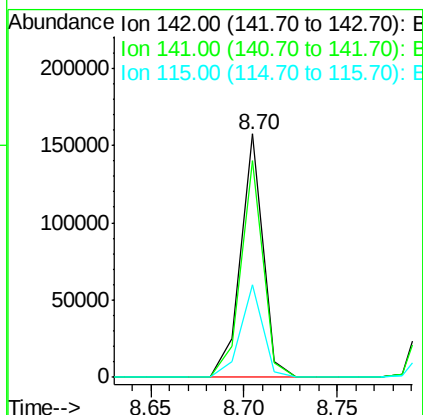
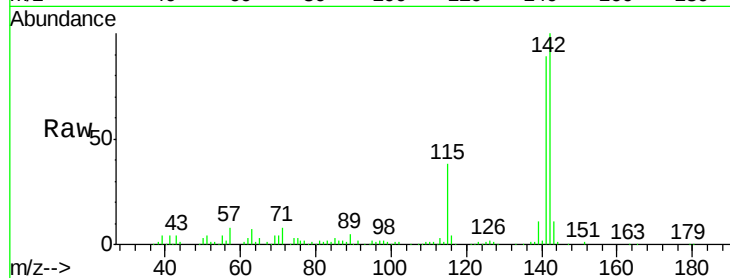




#37
 2-Methylnaphthalene
 Concen: 6.77 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

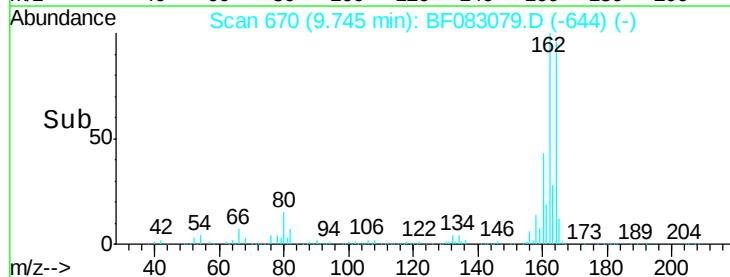
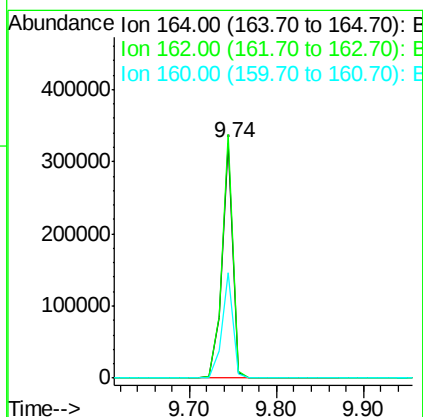
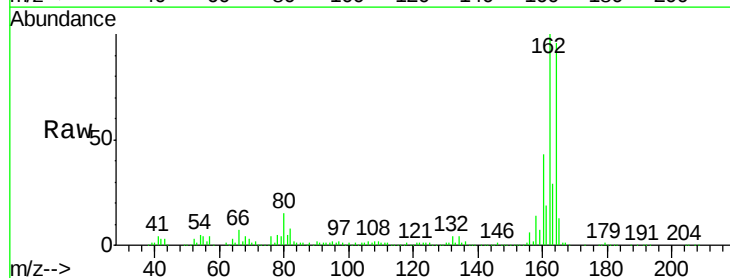
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-03

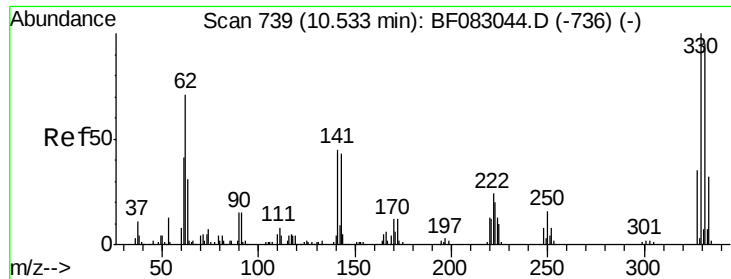
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	38.2	33.1	49.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.5	120.7
160	45.0	35.0	52.4

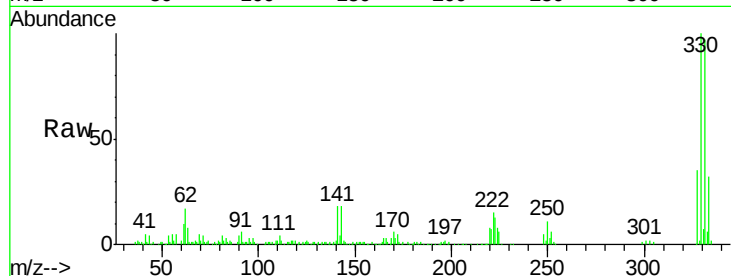




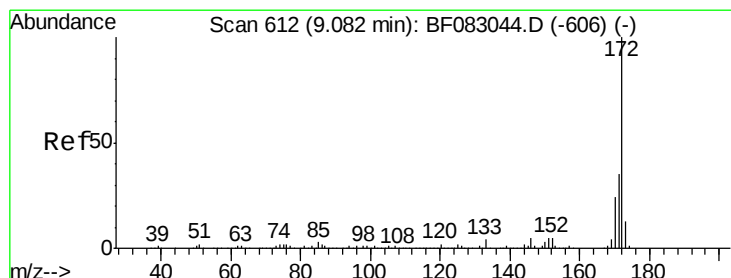
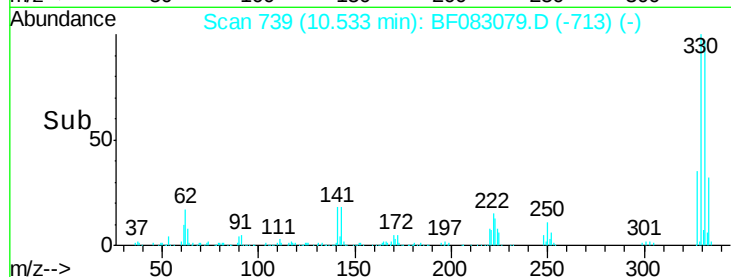
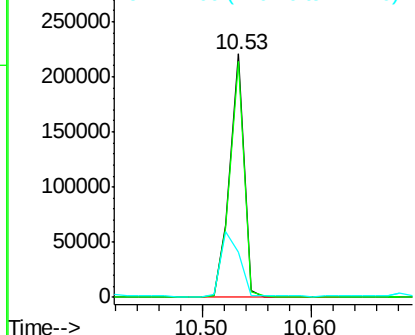
#41
 2,4,6-Tribromophenol
 Concen: 66.04 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	34.8	34.6	52.0

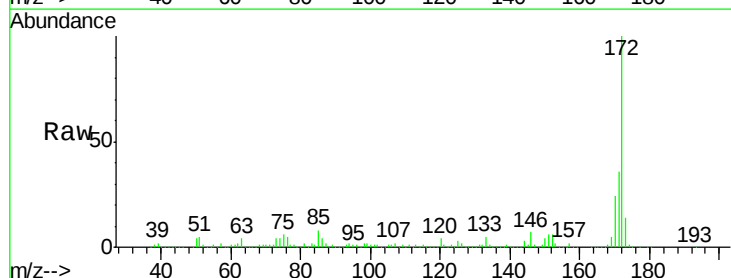


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

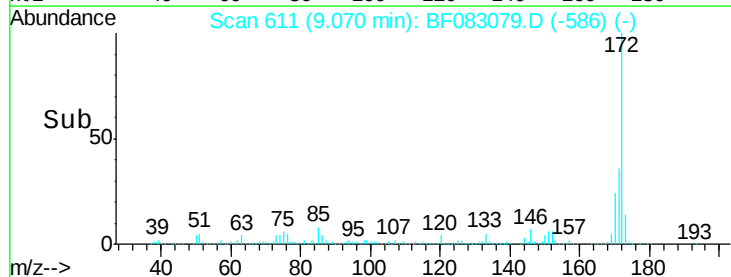
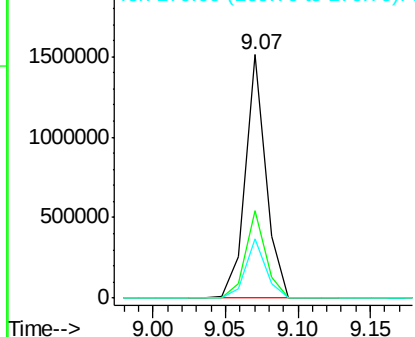


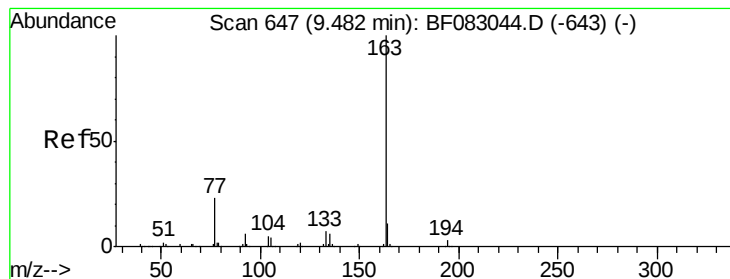
#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	24.1	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.43 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

RW-20151116-03

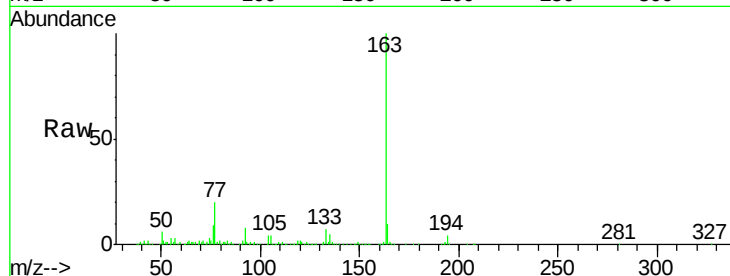
Tot Ion:163 Resp: 392436

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

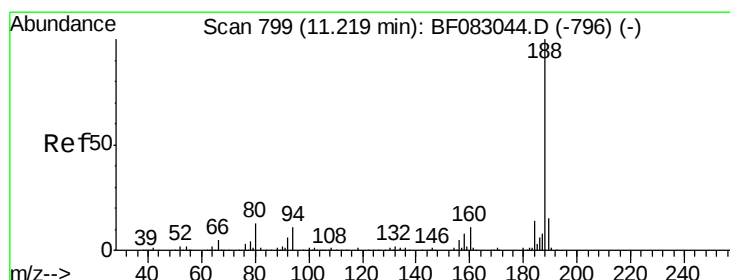
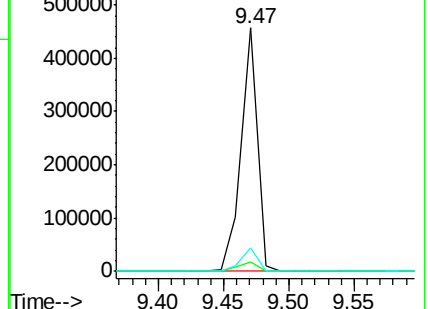
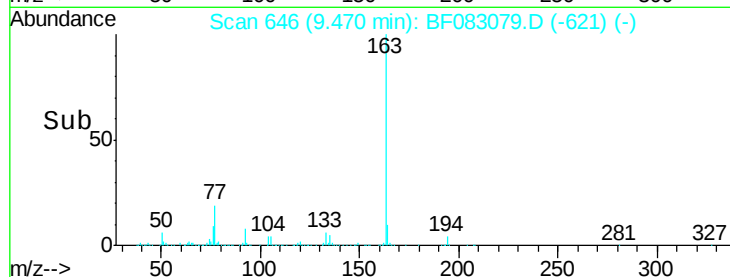
164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

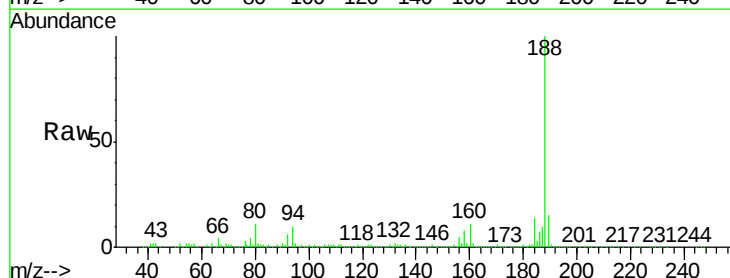
Tgt Ion:188 Resp: 434074

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

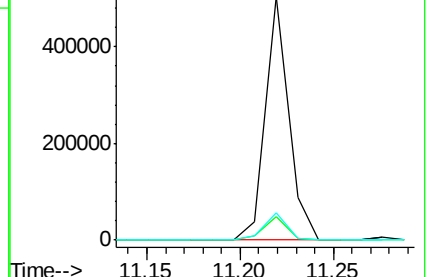
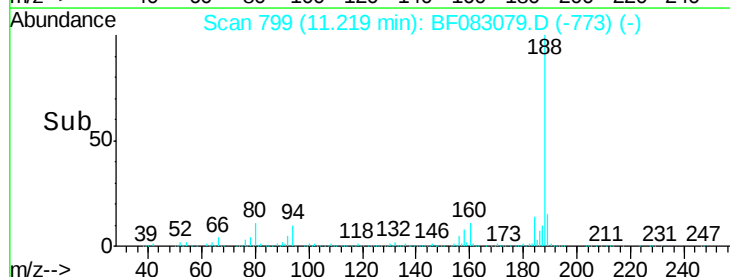
80 11.3 10.2 15.4

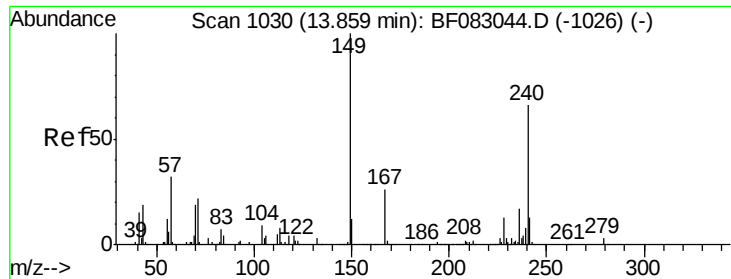


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

RW-20151116-03

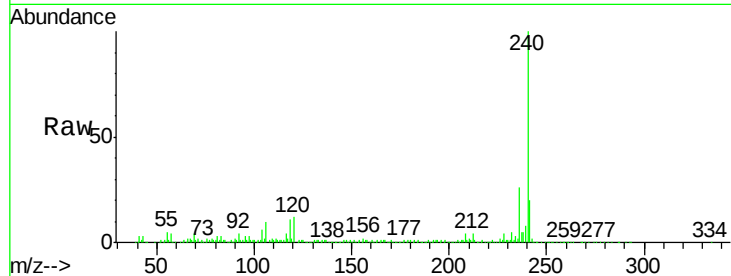
Tot Ion:240 Resp: 365037

Ion Ratio Lower Upper

240 100

120 12.3 5.3 7.9#

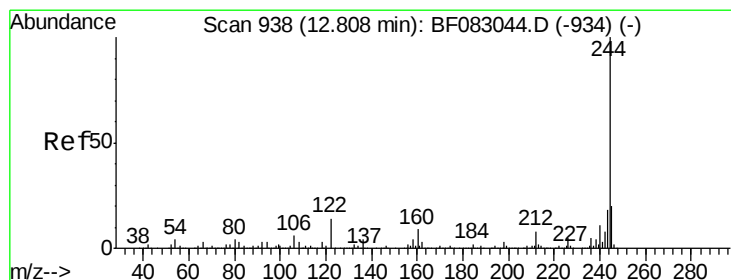
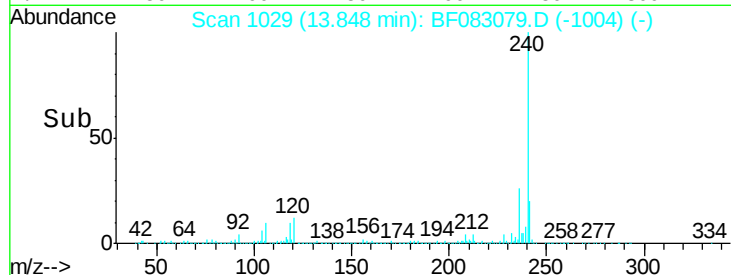
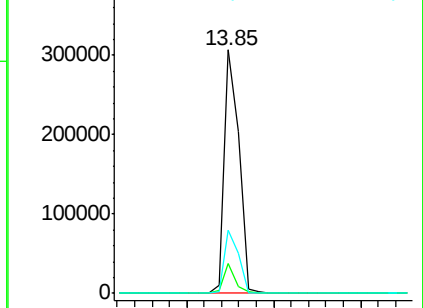
236 26.1 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

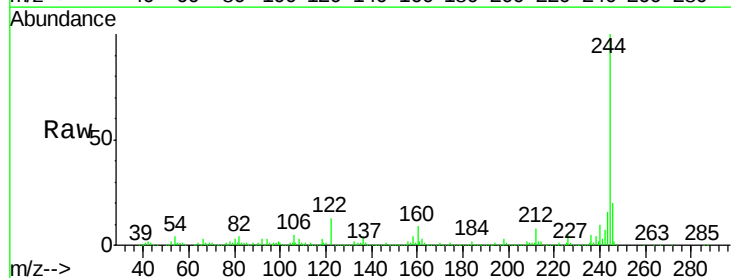
Tgt Ion:244 Resp: 1148277

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

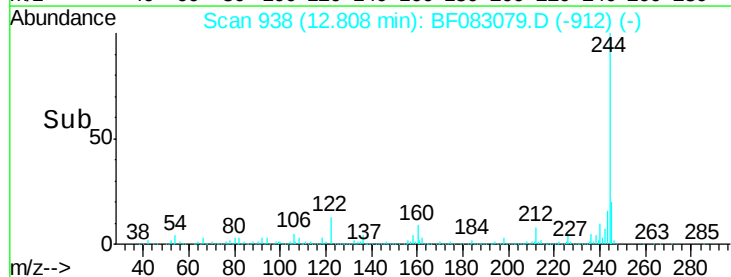
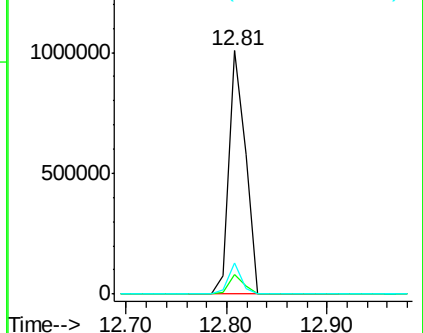
122 12.9 10.9 16.3

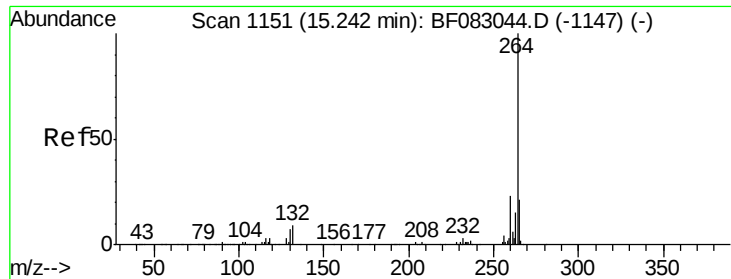


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
RW-20151116-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.9	17.0	25.6

