

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079902.D
 Acq On : 11 Jun 2015 18:36
 Operator : TP/IZ
 Sample : G2522-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Jun 12 04:43:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

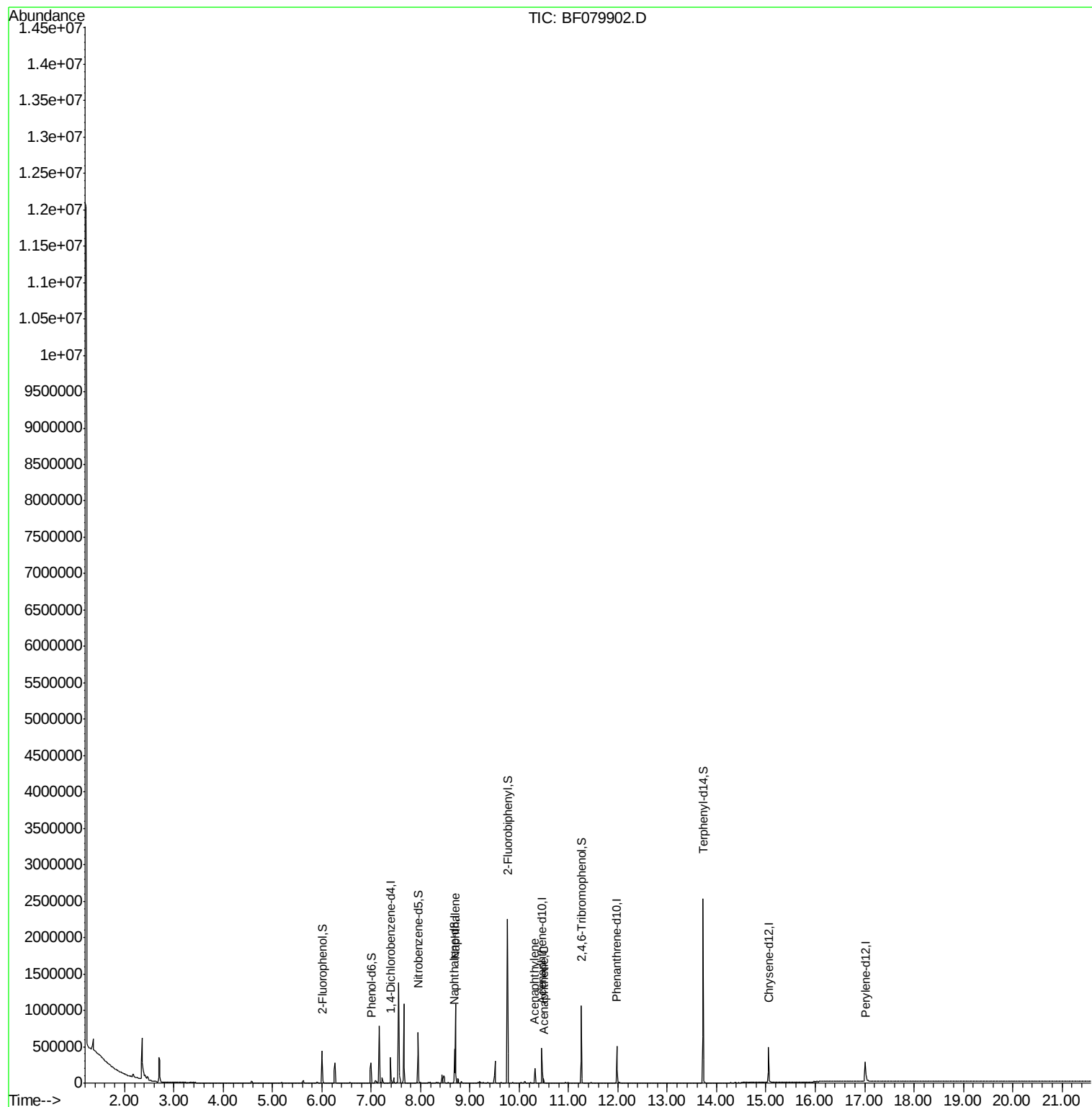
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	48287	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	189215	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	95607	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	201687	20.00	ng	0.00
75) Chrysene-d12	15.05	240	216449	20.00	ng	0.06
86) Perylene-d12	17.02	264	196607	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	149478	51.87	ng	0.01
7) Phenol-d6	6.99	99	121145	32.13	ng	0.00
23) Nitrobenzene-d5	7.95	82	257287	80.88	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	122827	143.94	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	643735	94.89	ng	0.00
78) Terphenyl-d14	13.73	244	861022	90.39	ng	0.03
Target Compounds						
31) Naphthalene	8.71	128	421225	41.63	ng	99
48) Acenaphthylene	10.32	152	76424	6.89	ng	98
51) Acenaphthene	10.49	154	13306	2.07	ng	97

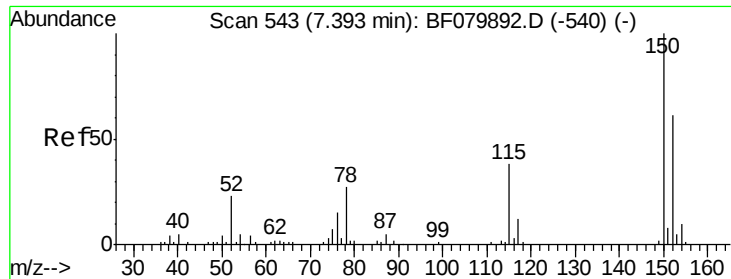
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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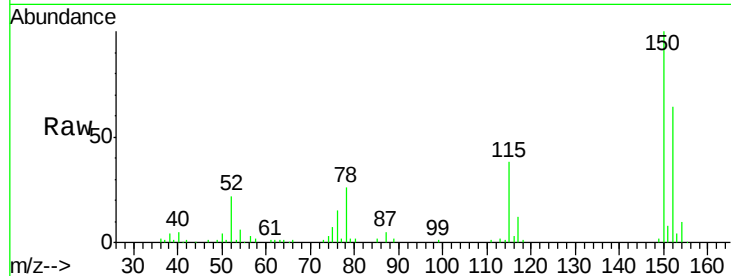


#1

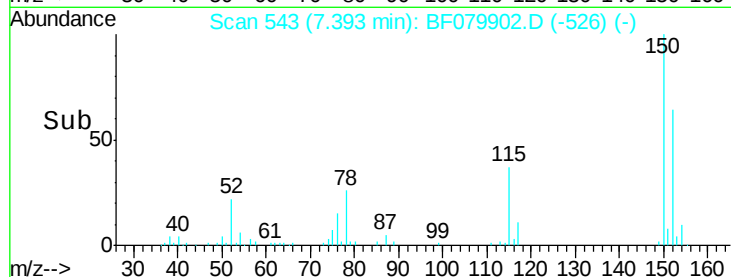
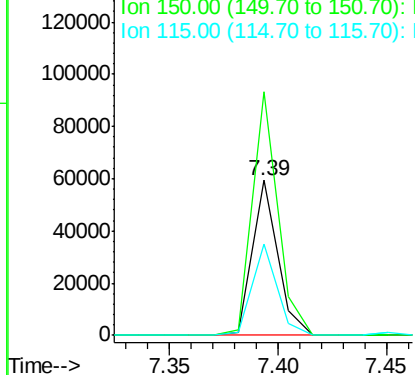
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:152 Resp: 48287
Ion Ratio Lower Upper
152 100
150 157.0 131.0 196.4
115 59.2 49.8 74.6



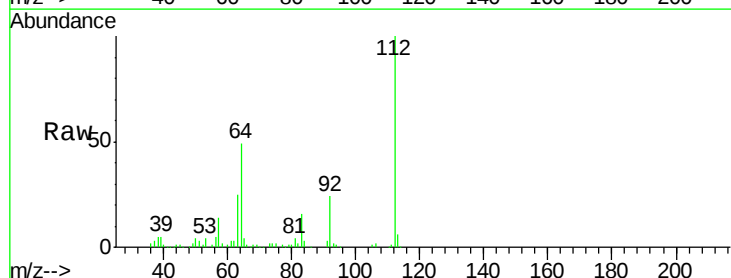
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



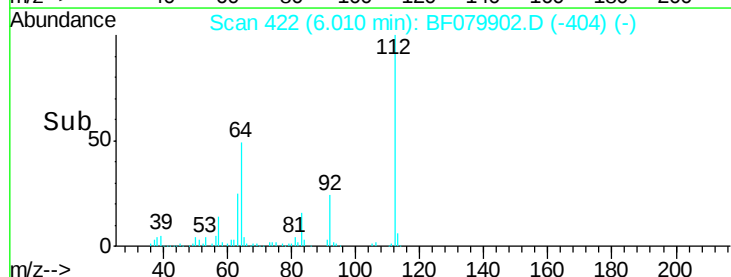
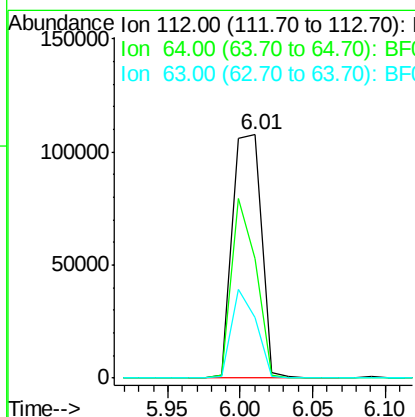
#5

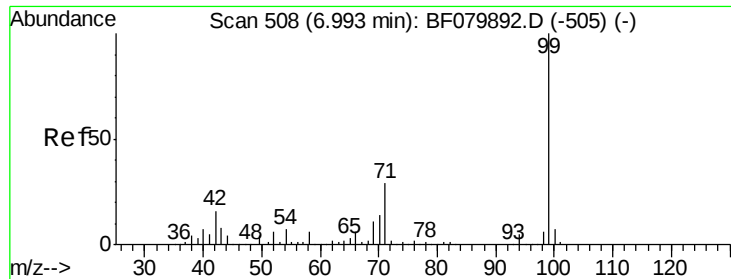
2-Fluorophenol
Concen: 51.87 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:112 Resp: 149478
Ion Ratio Lower Upper
112 100
64 49.0 54.5 81.7#
63 24.7 27.9 41.9#



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: 32.13 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampled :

MW-18

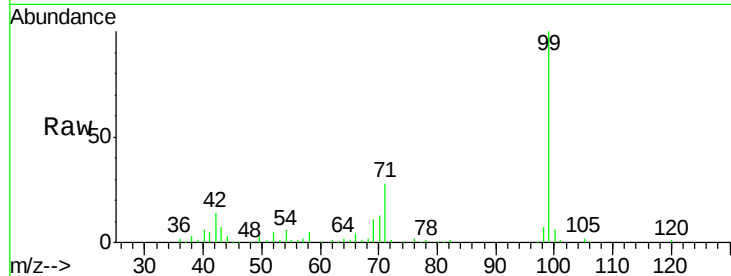
Tot Ion: 99 Resp: 121145

Ion Ratio Lower Upper

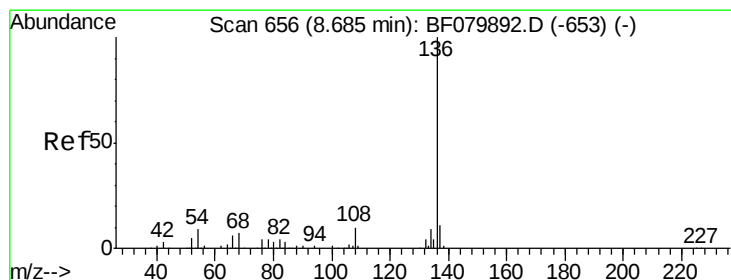
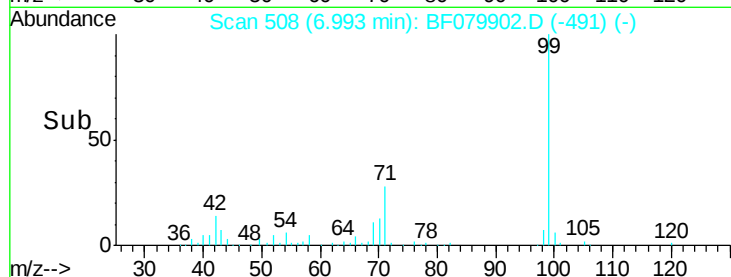
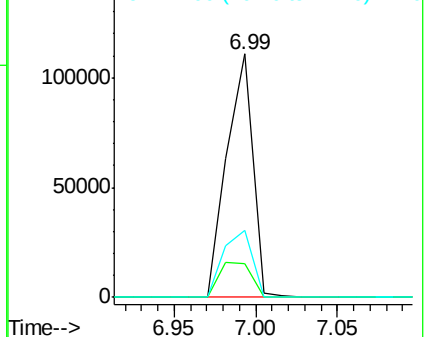
99 100

42 13.7 12.9 19.3

71 27.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Tgt Ion: 136 Resp: 189215

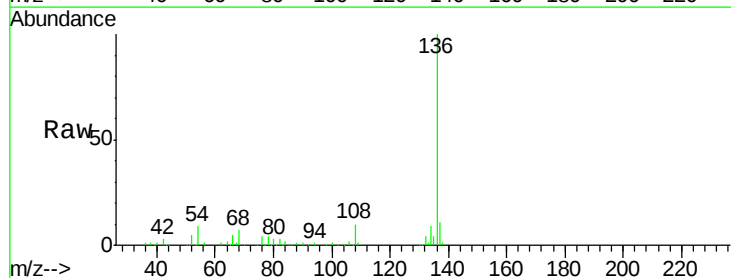
Ion Ratio Lower Upper

136 100

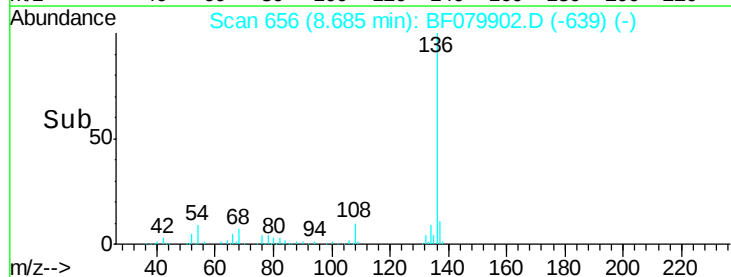
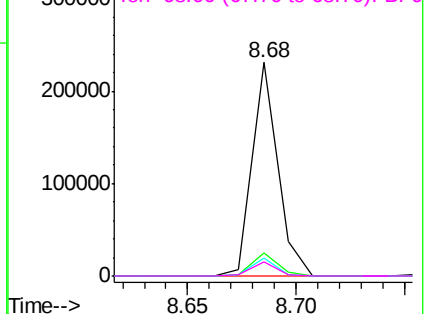
137 11.0 8.7 13.1

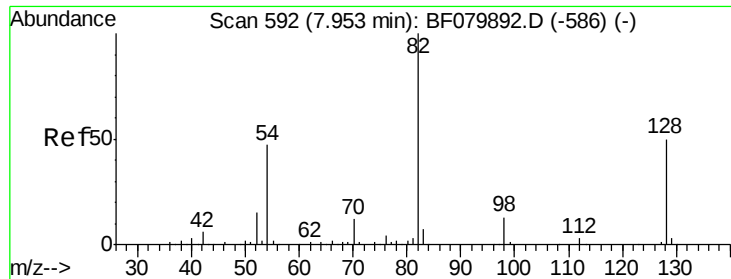
54 8.7 7.3 10.9

68 6.9 5.9 8.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 80.88 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

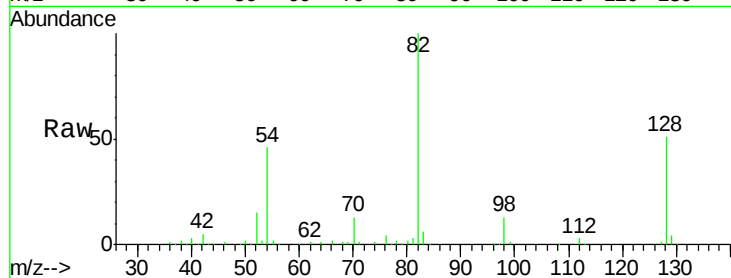
Tot Ion: 82 Resp: 257287

Ion Ratio Lower Upper

82 100

128 50.9 40.3 60.5

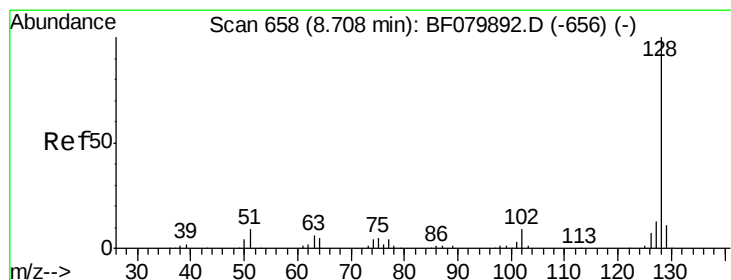
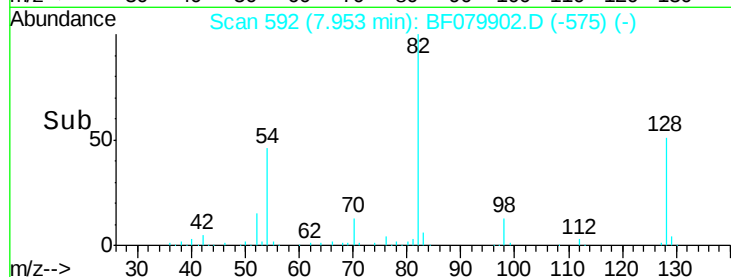
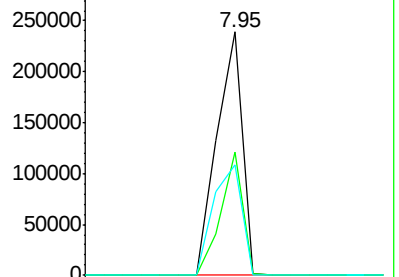
54 45.6 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF079892.D (-586) (-)

Ion 128.00 (127.70 to 128.70): BF079892.D (-586) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-586) (-)



#31

Naphthalene

Concen: 41.63 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

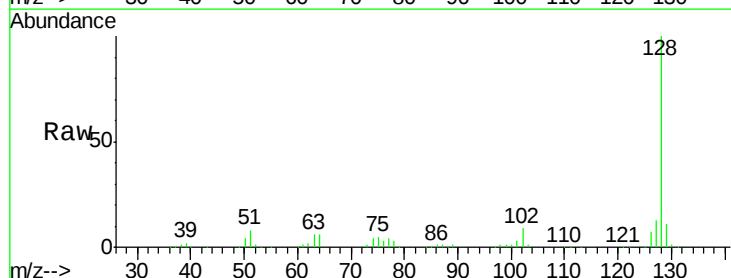
Tgt Ion: 128 Resp: 421225

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

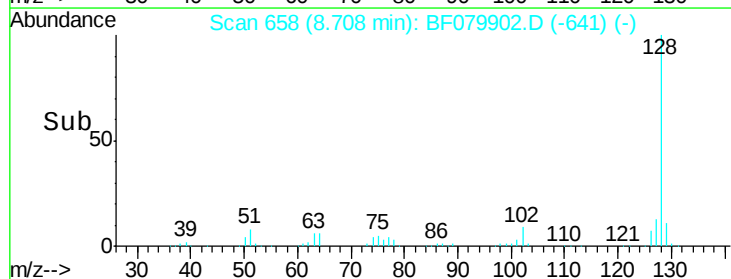
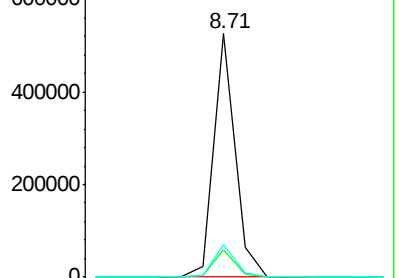
127 13.2 10.5 15.7

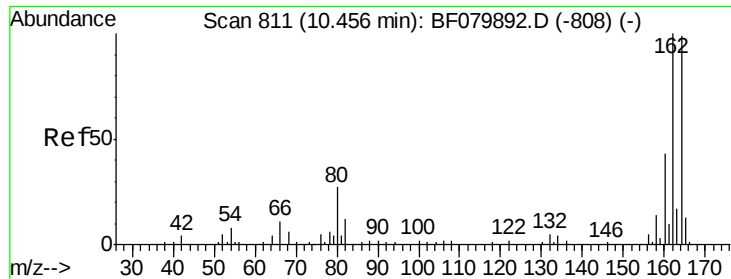


Abundance Ion 128.00 (127.70 to 128.70): BF079892.D (-656) (-)

Ion 129.00 (128.70 to 129.70): BF079892.D (-656) (-)

Ion 127.00 (126.70 to 127.70): BF079892.D (-656) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampled :

MW-18

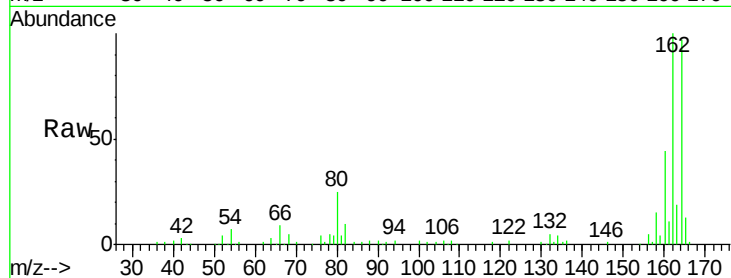
Tot Ion:164 Resp: 95607

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

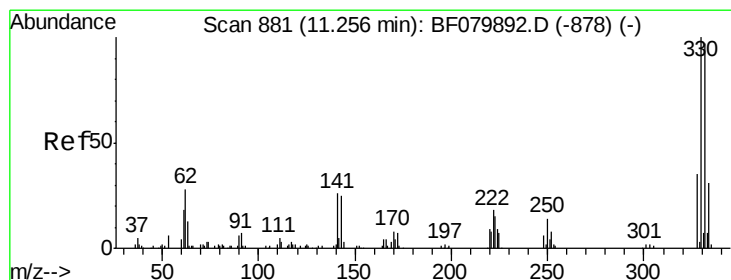
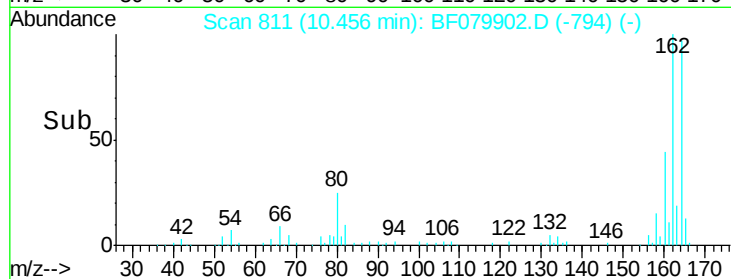
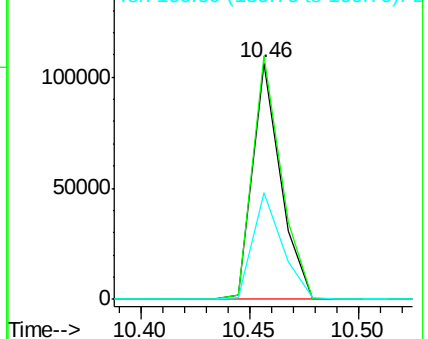
160 45.2 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.94 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

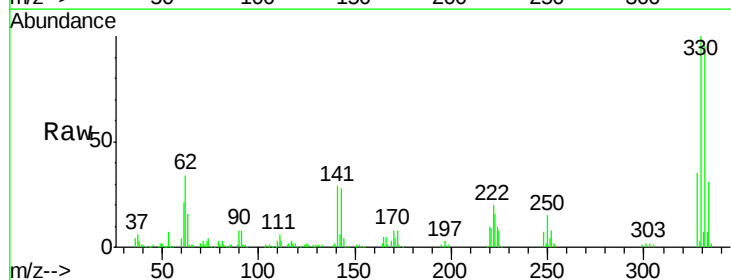
Tgt Ion:330 Resp: 122827

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

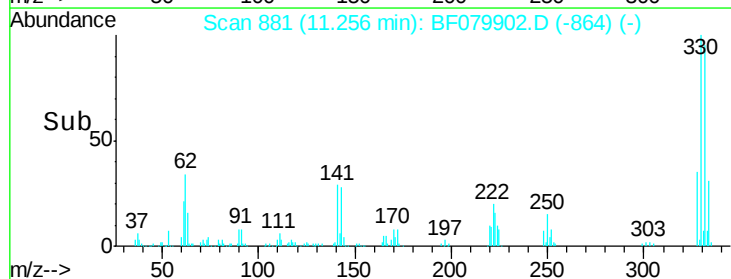
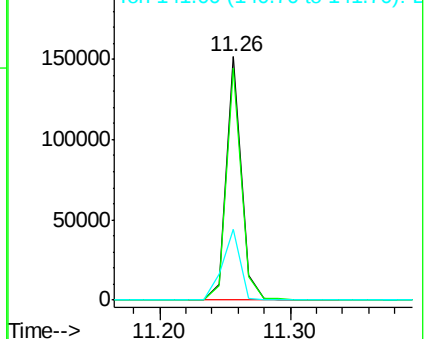
141 34.4 26.8 40.2

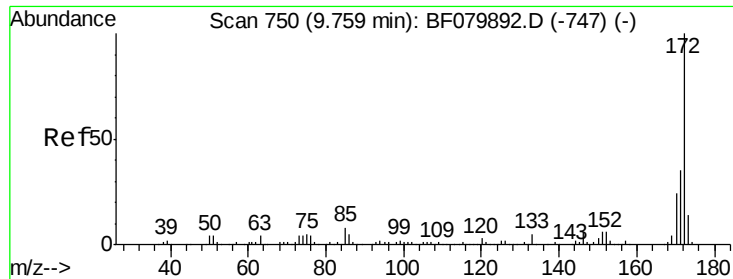


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



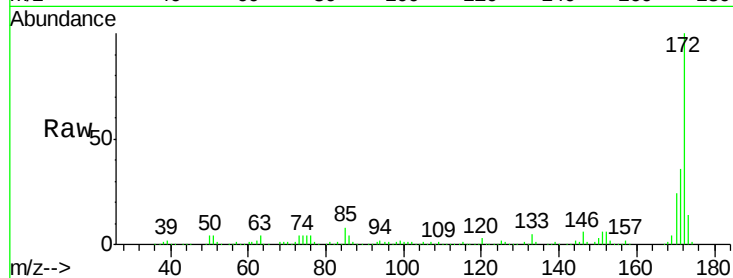


#44
 2-Fluorobiphenyl
 Concen: 94.89 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

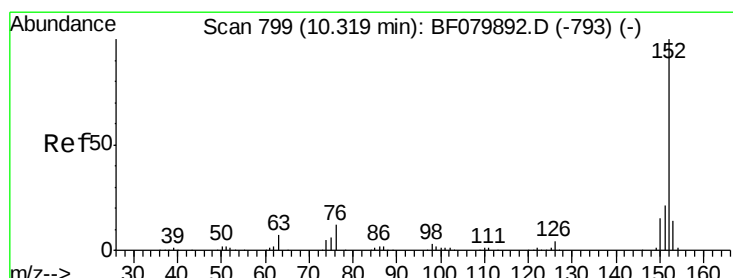
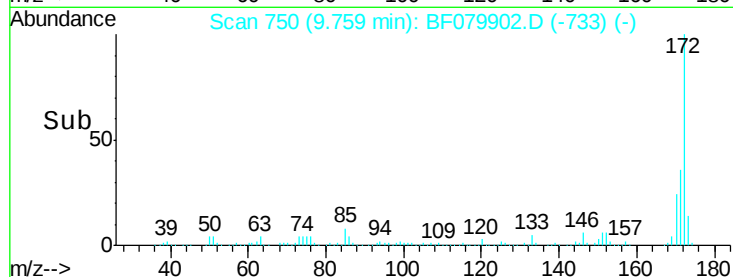
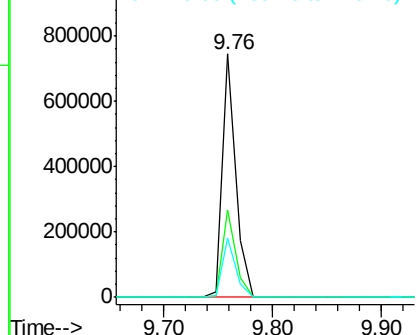
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion:172 Resp: 643735

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.2	19.0	28.4



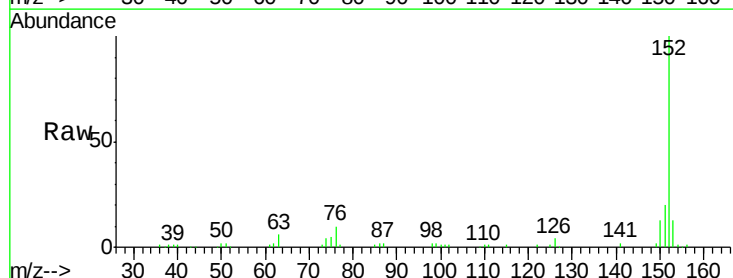
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



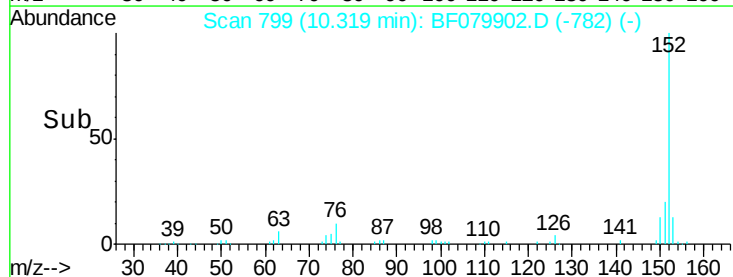
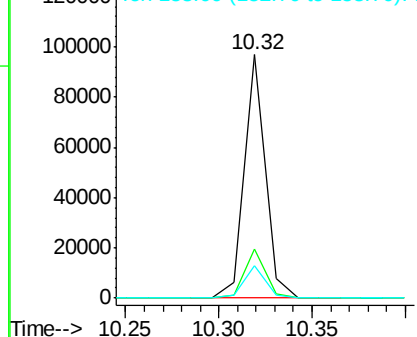
#48
 Acenaphthylene
 Concen: 6.89 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

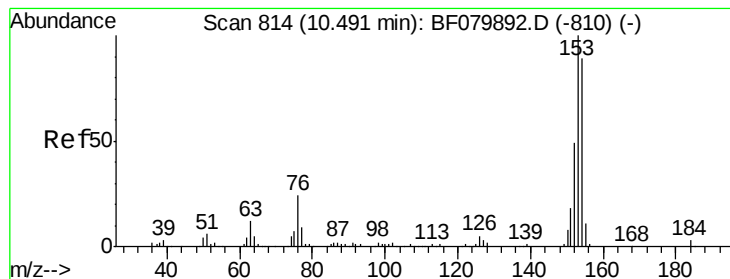
Tgt Ion:152 Resp: 76424

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.1	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 2.07 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

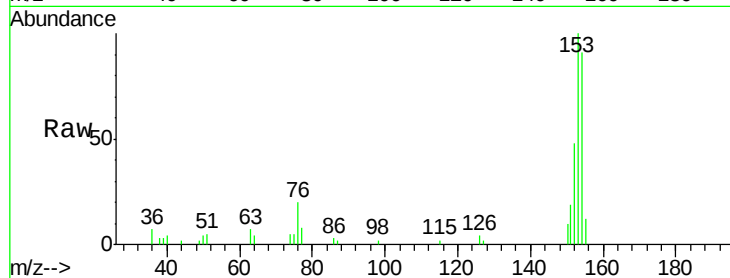
Tot Ion:154 Resp: 13306

Ion Ratio Lower Upper

154 100

153 109.5 90.0 135.0

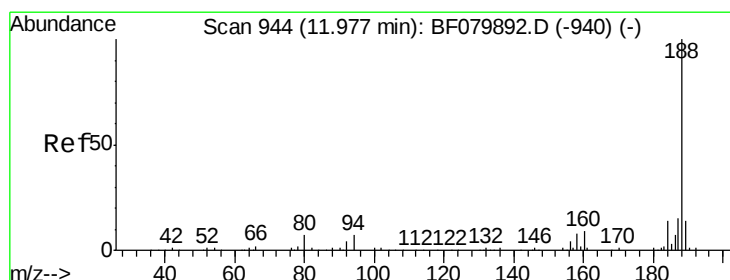
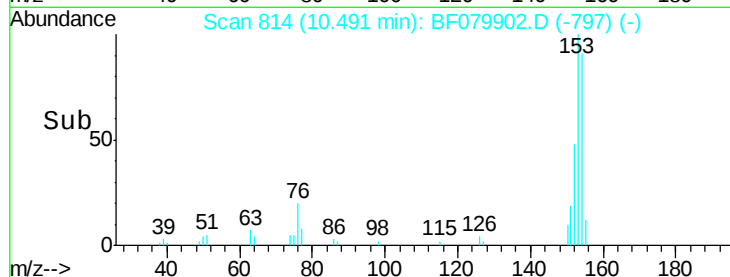
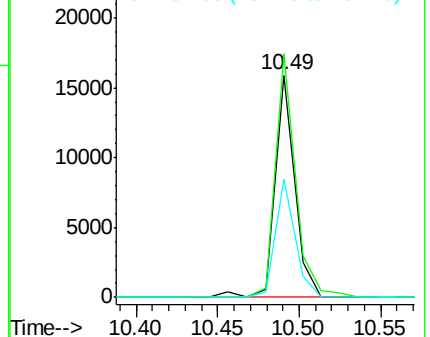
152 52.9 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

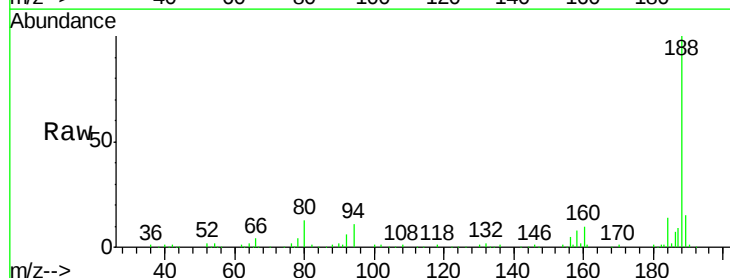
Tgt Ion:188 Resp: 201687

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

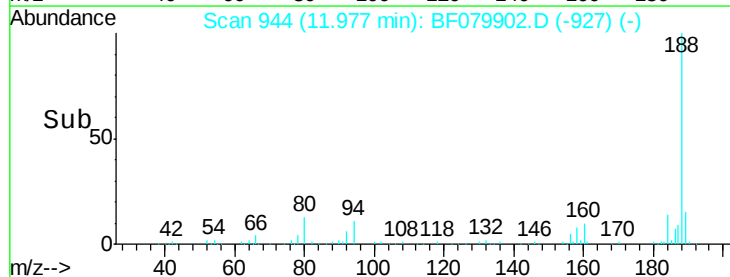
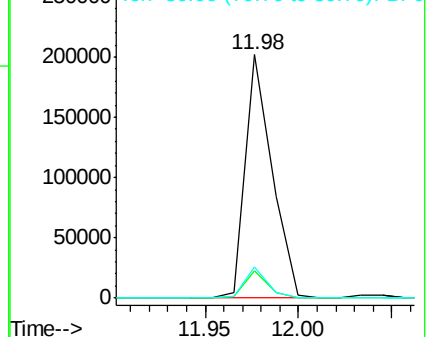
80 12.8 5.9 8.9#

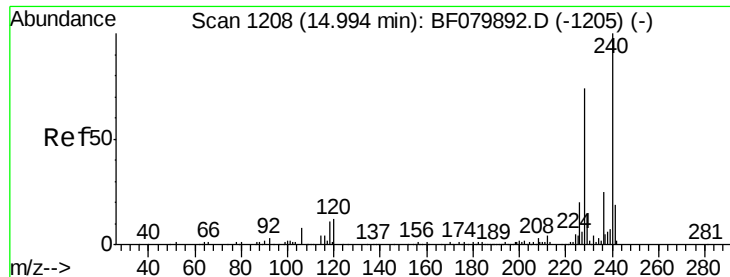


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.05 min Scan# 1213

Delta R.T. 0.06 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampled :

MW-18

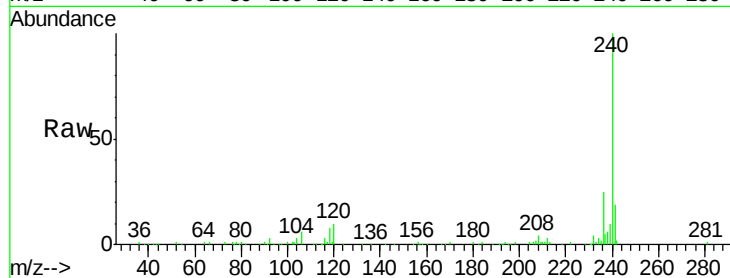
Tot Ion:240 Resp: 216449

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

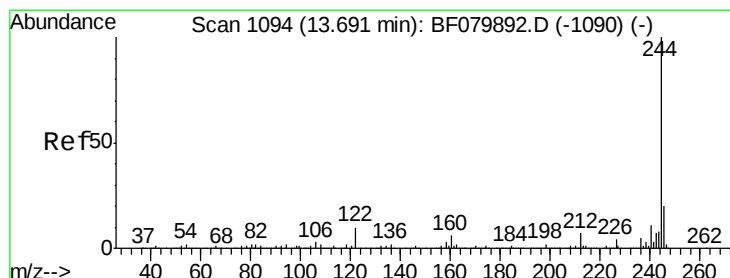
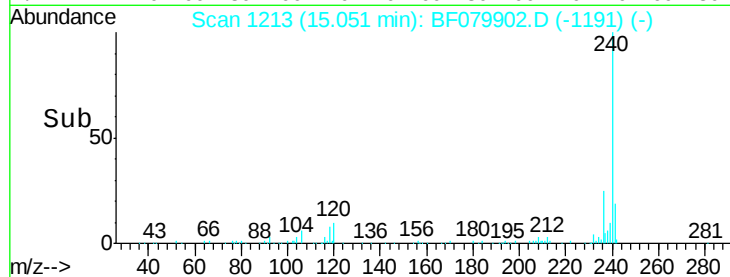
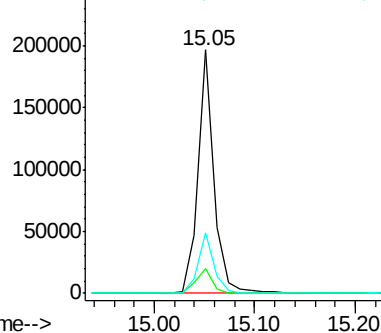
236 25.1 19.6 29.4



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: 90.39 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

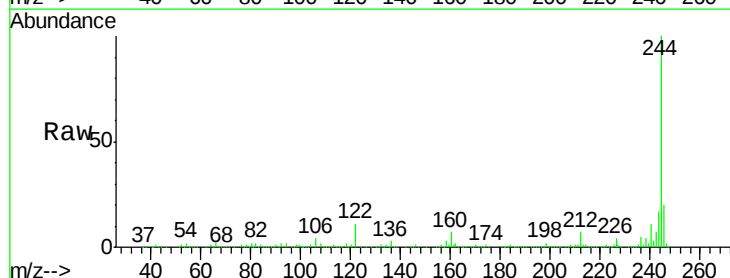
Tgt Ion:244 Resp: 861022

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

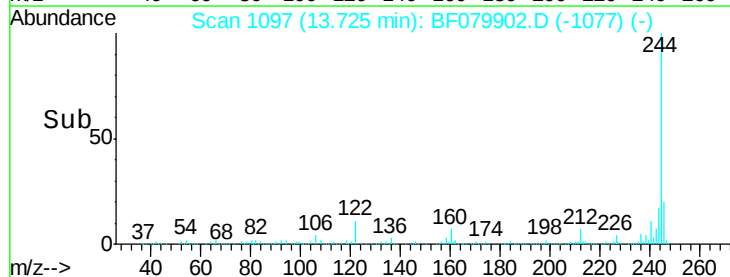
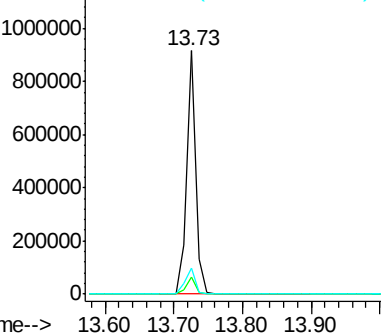
122 10.8 7.8 11.8

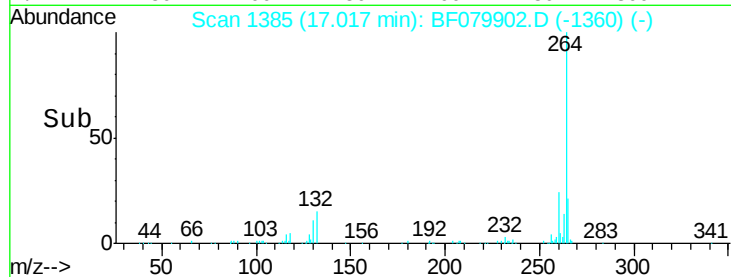
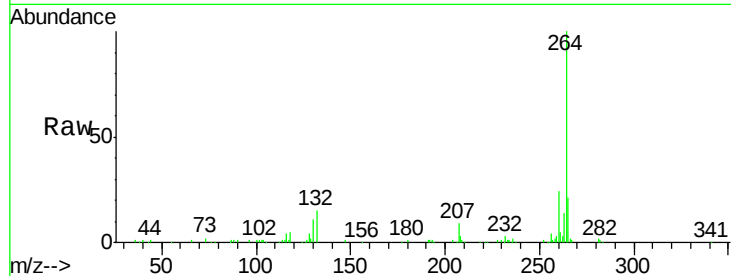
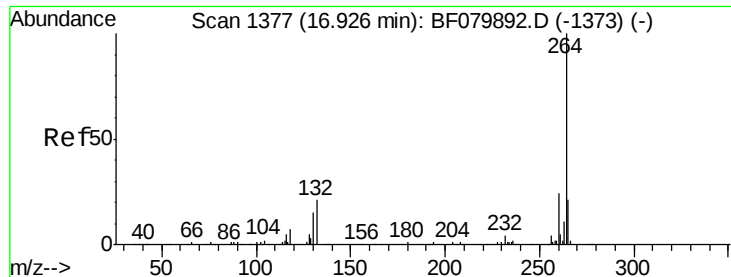


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.02 min Scan# 1385
Delta R.T. 0.09 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.4	17.0	25.6

