

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079959.D
 Acq On : 13 Jun 2015 5:21
 Operator : TP/IZ
 Sample : G2522-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Jun 15 00:53:14 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 22:57:49 2015
 Response via : Initial Calibration

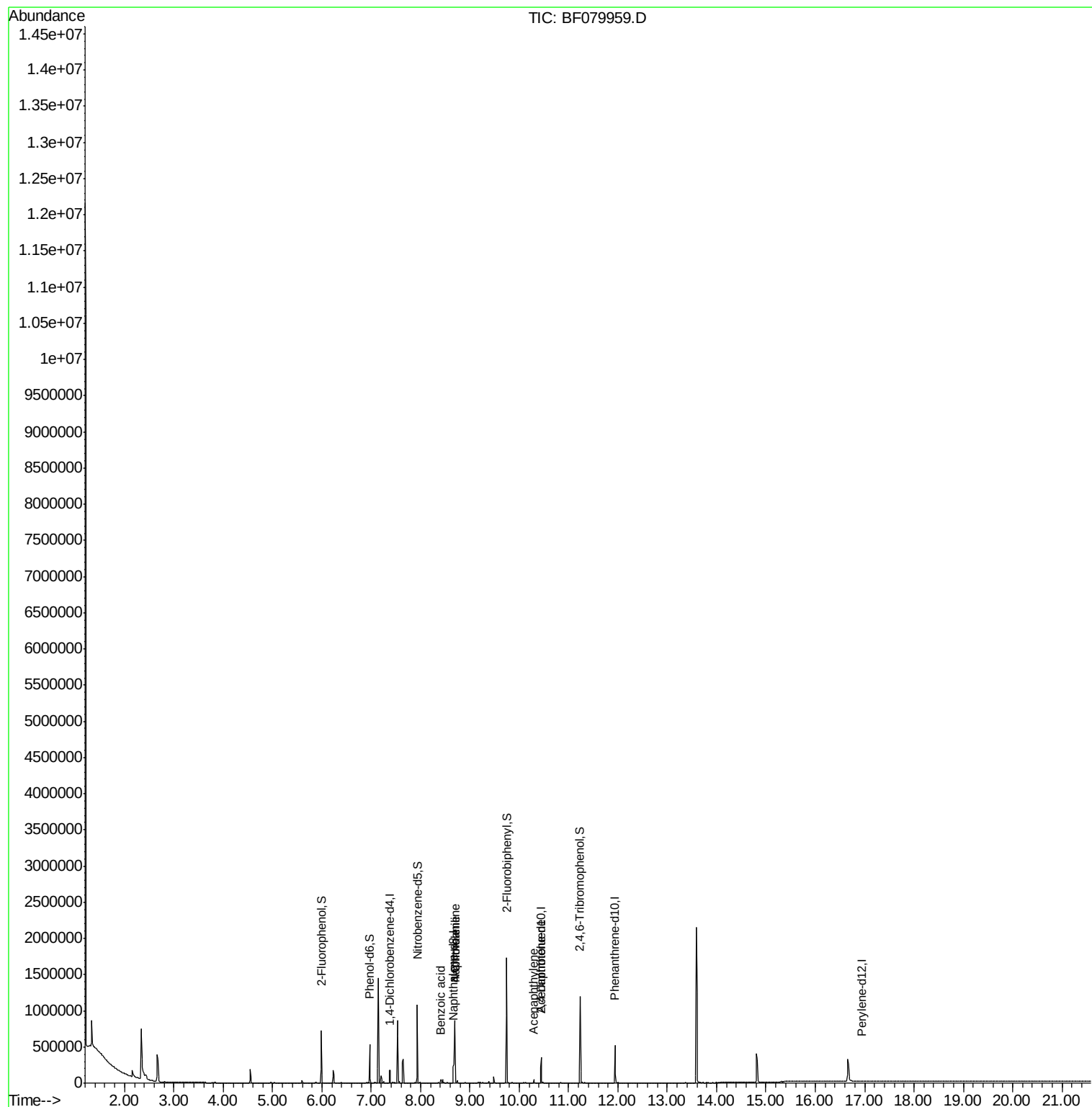
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41055	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	162940	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	84270	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	190395	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	16.94	264	210	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	180648	80.68	ng	0.00
7) Phenol-d6	6.97	99	152680	50.05	ng	0.00
23) Nitrobenzene-d5	7.93	82	290832	117.77	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	121594	142.96	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	672258	111.71	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
31) Naphthalene	8.70	128	565380	63.48	ng	99
32) Benzoic acid	8.41	122	212	8.72	ng	# 1
33) 4-Chloroaniline	8.70	127	74049	21.42	ng	# 36
48) Acenaphthylene	10.30	152	23779	2.43	ng	99
56) 2,4-Dinitrotoluene	10.44	165	10921	10.82	ng	# 32

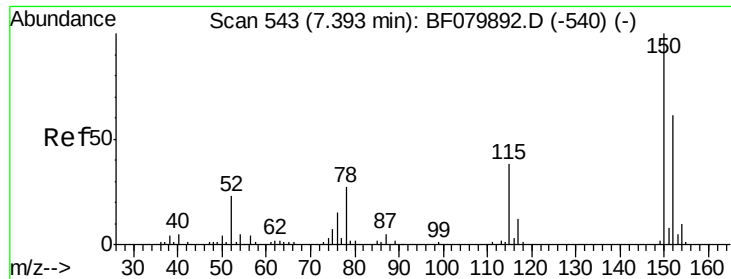
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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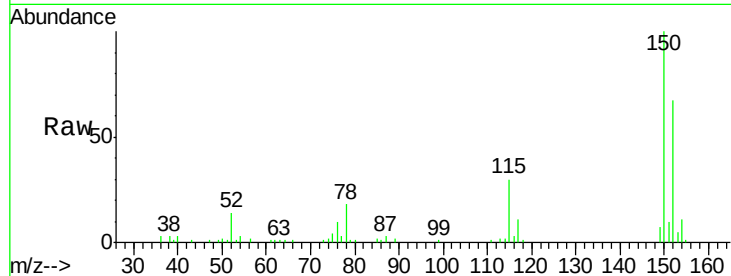


#1

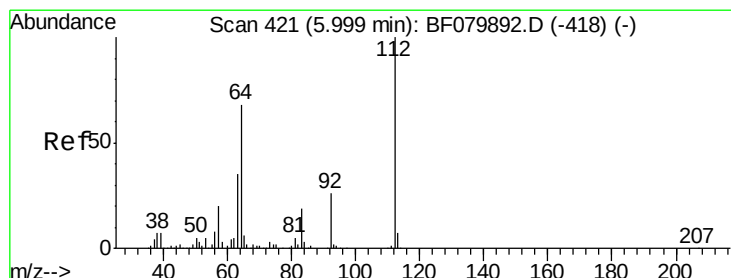
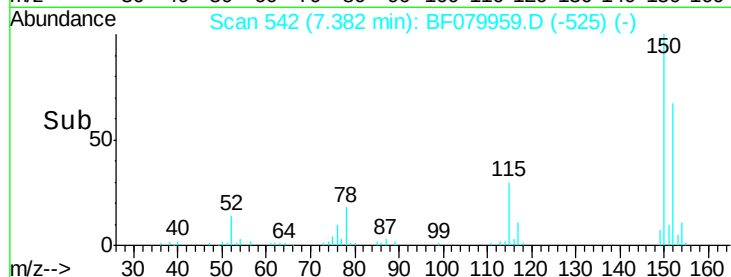
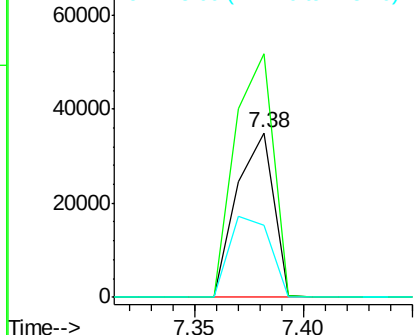
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079959.D
Acq: 13 Jun 2015 5:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 41055
Ion Ratio Lower Upper
152 100
150 148.2 131.0 196.4
115 44.2 49.8 74.6#



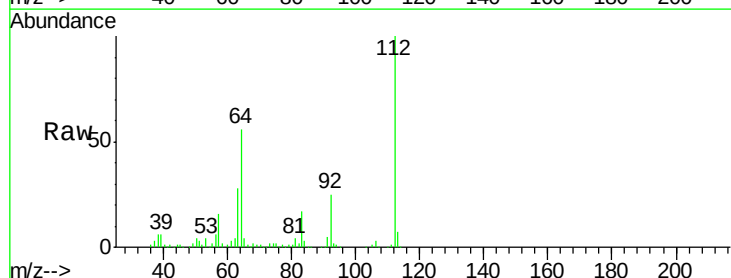
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



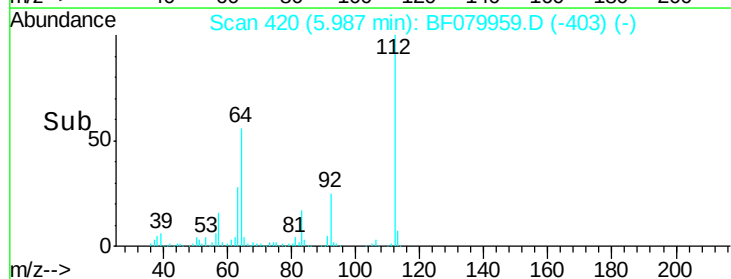
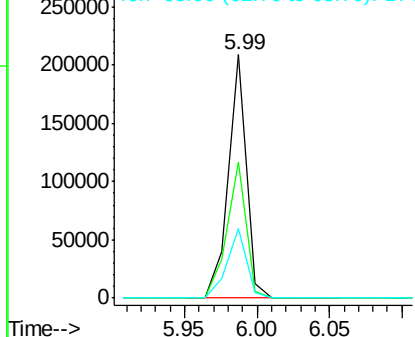
#5

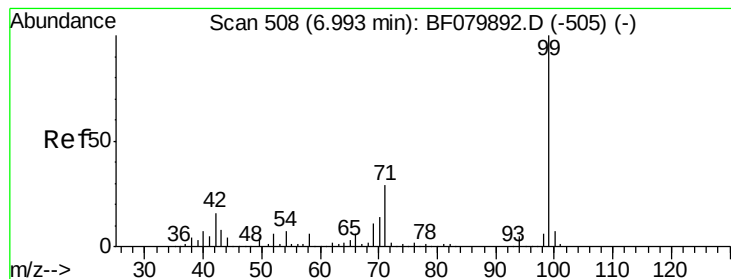
2-Fluorophenol
Concen: 80.68 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079959.D
Acq: 13 Jun 2015 5:21

Tgt Ion:112 Resp: 180648
Ion Ratio Lower Upper
112 100
64 56.2 54.5 81.7
63 28.4 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: 50.05 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Instrument :

BNA_F

ClientSampleId :

MW-15

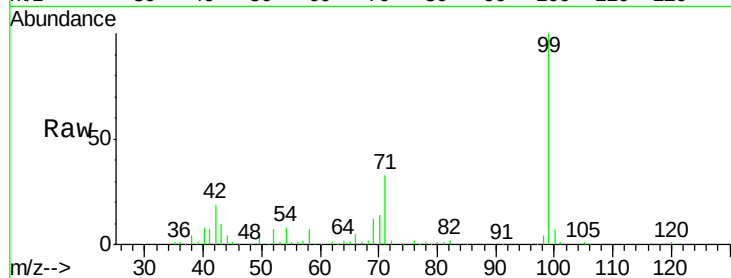
Tgt Ion: 99 Resp: 152680

Ion Ratio Lower Upper

99 100

42 18.6 12.9 19.3

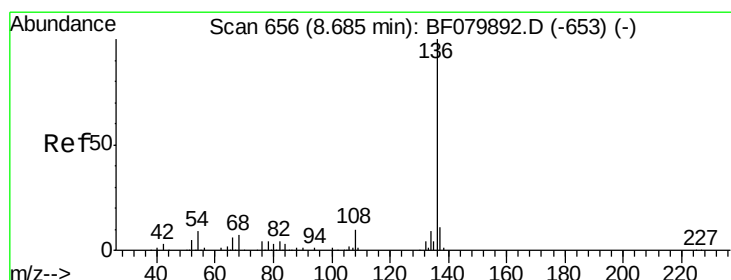
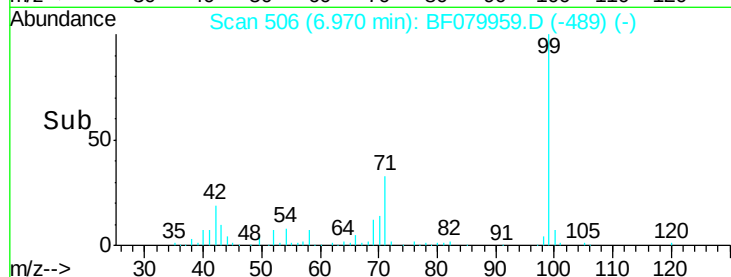
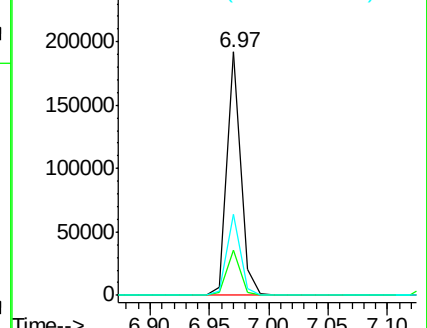
71 33.1 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Tgt Ion: 136 Resp: 162940

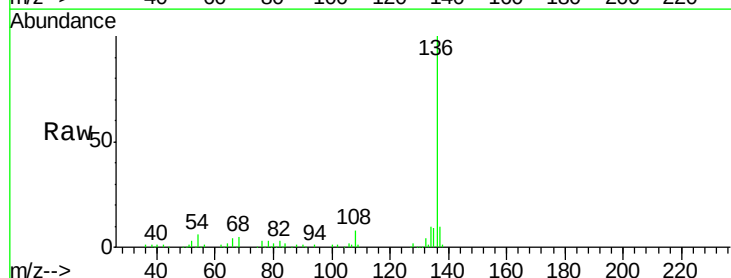
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.6 7.3 10.9#

68 4.8 5.9 8.9#

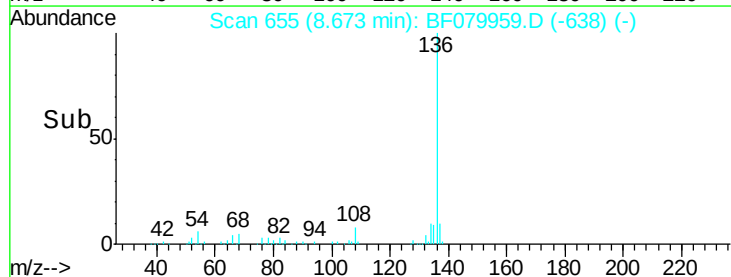
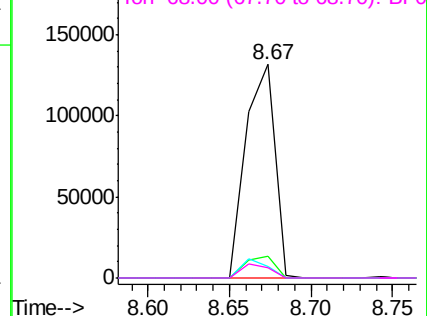


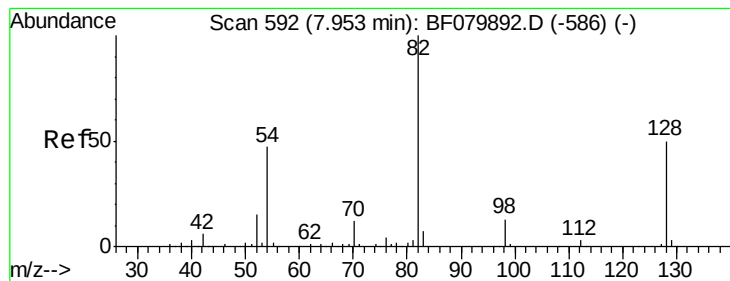
Abundance Ion 136.00 (135.70 to 136.70): E

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: 117.77 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Instrument :

BNA_F

ClientSampleId :

MW-15

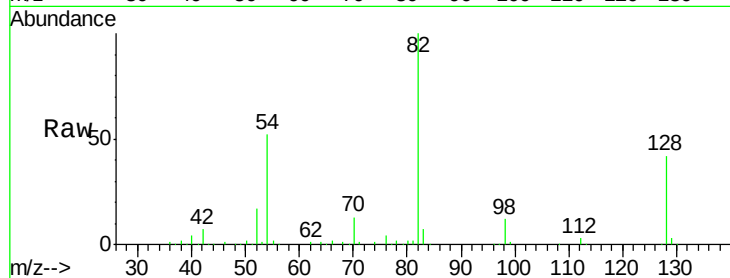
Tgt Ion: 82 Resp: 290832

Ion Ratio Lower Upper

82 100

128 41.7 40.3 60.5

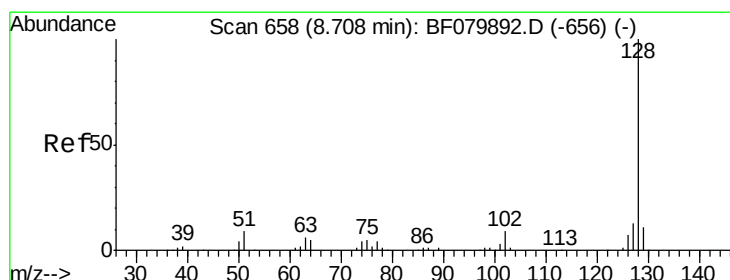
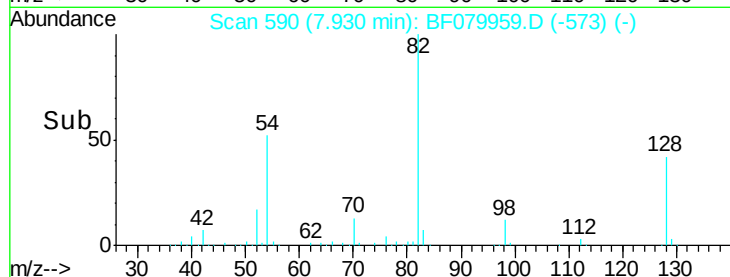
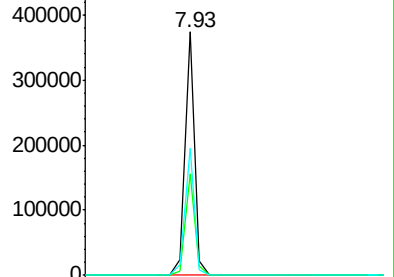
54 52.0 38.0 57.0



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: 63.48 ng

RT: 8.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

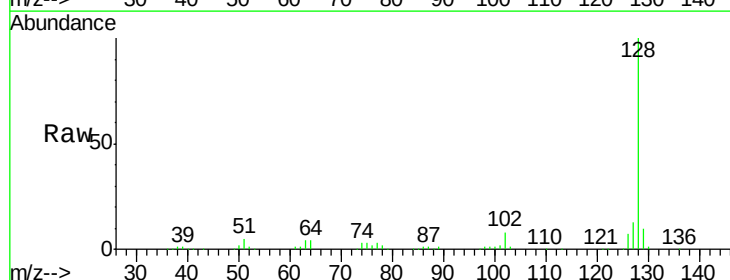
Tgt Ion: 128 Resp: 565380

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

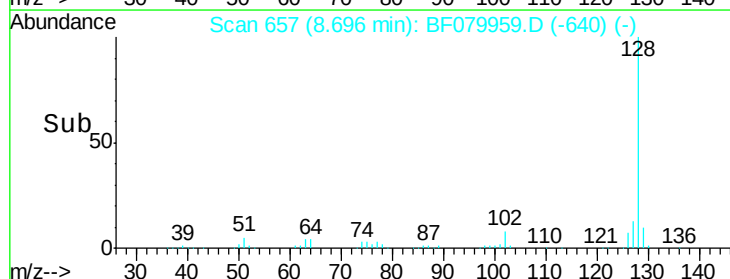
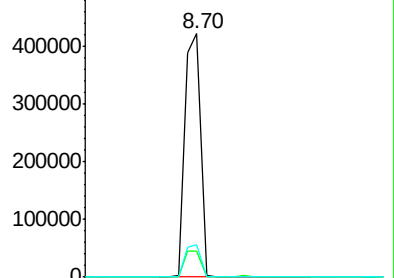
127 13.2 10.5 15.7

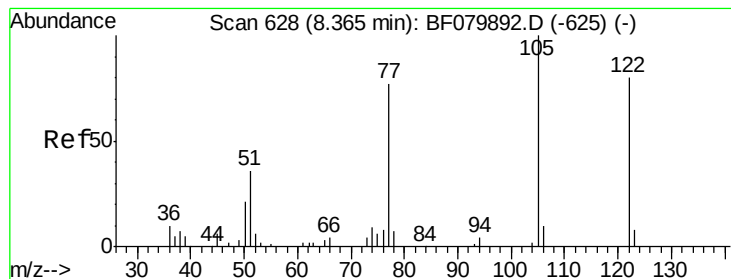


Abundance Ion 128.00 (127.70 to 128.70): BF079892.D (-656) (-)

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

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





#32

Benzoic acid

Concen: 8.72 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.06 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Instrument :

BNA_F

ClientSampleId :

MW-15

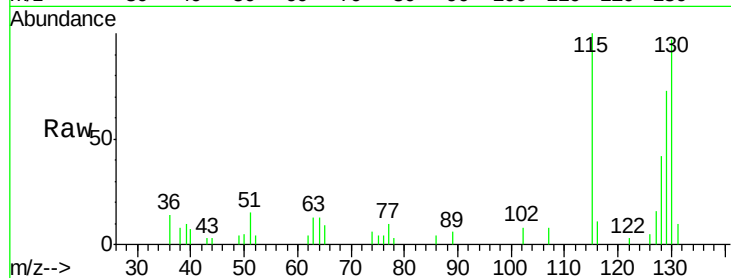
Tgt Ion:122 Resp: 212

Ion Ratio Lower Upper

122 100

105 0.0 102.7 142.7#

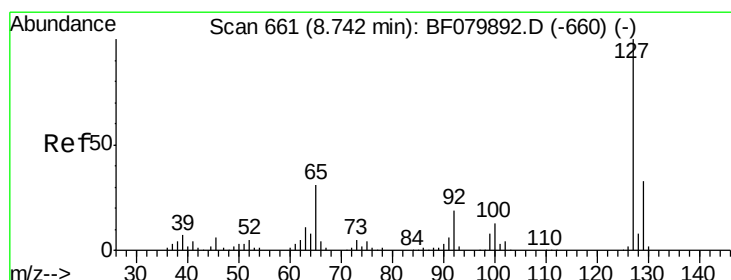
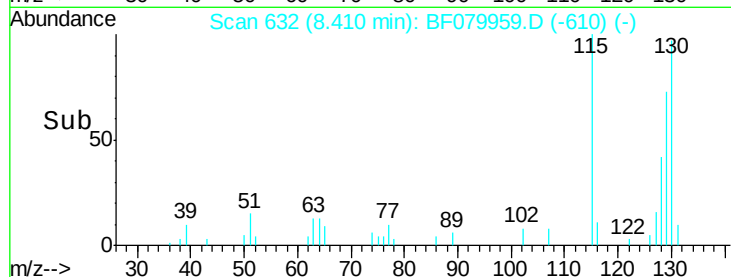
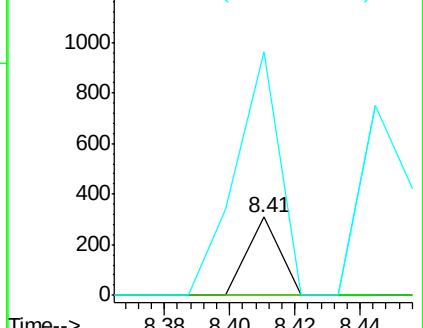
77 311.3 77.1 117.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 21.42 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.03 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Tgt Ion:127 Resp: 74049

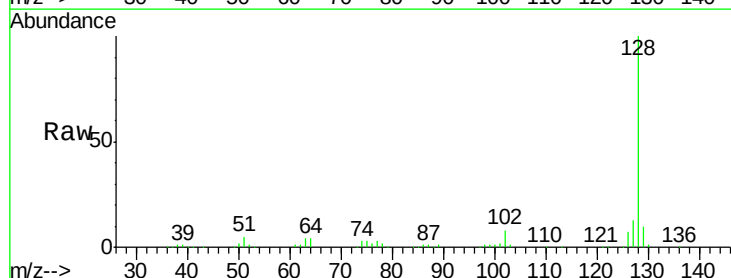
Ion Ratio Lower Upper

127 100

129 79.4 26.1 39.1#

65 0.0 25.5 38.3#

92 0.0 15.7 23.5#

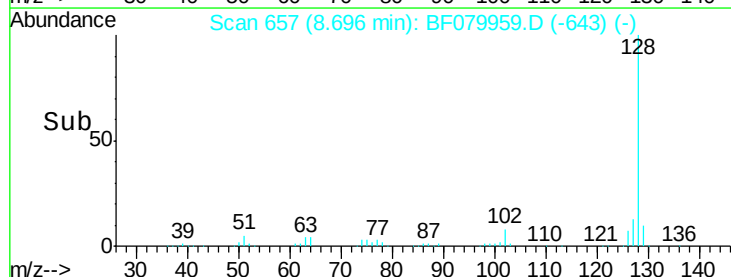
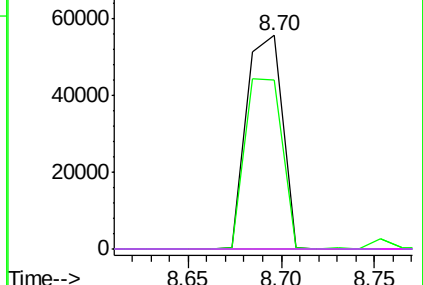


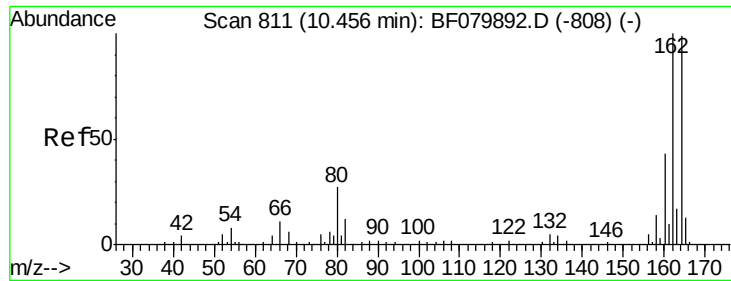
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

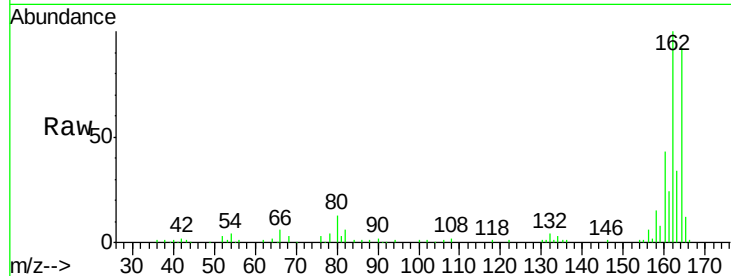




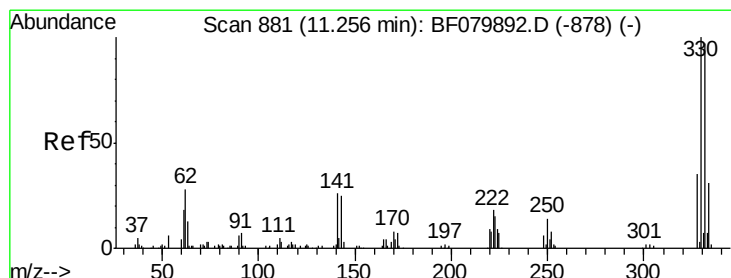
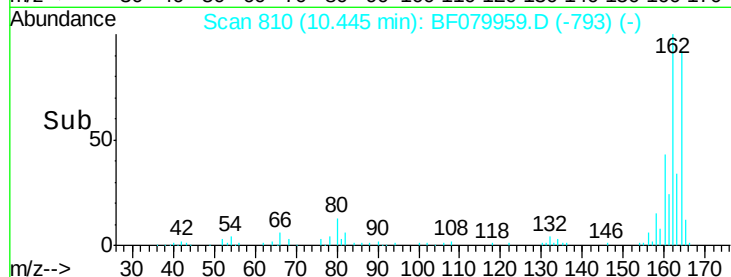
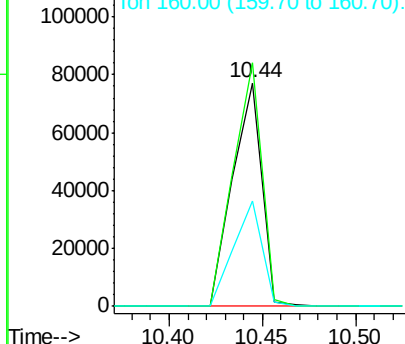
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

Instrument :
 BNA_F
 ClientSampled :
 MW-15

Tgt Ion:164 Resp: 84270
 Ion Ratio Lower Upper
 164 100
 162 109.1 80.7 121.1
 160 46.9 34.6 51.8

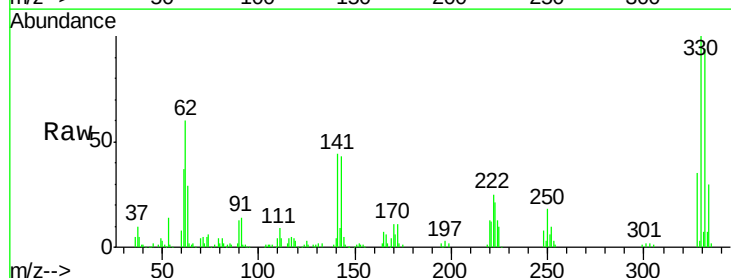


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

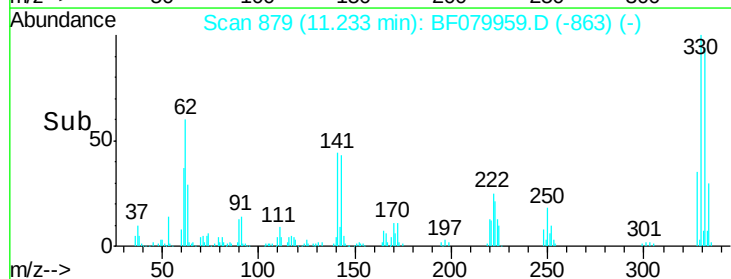
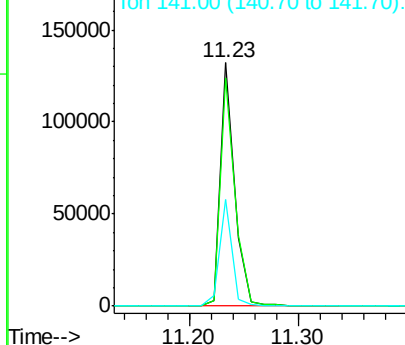


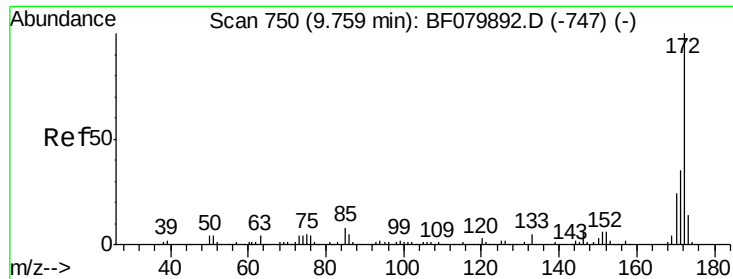
#41
 2,4,6-Tribromophenol
 Concen: 142.96 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

Tgt Ion:330 Resp: 121594
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 38.6 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

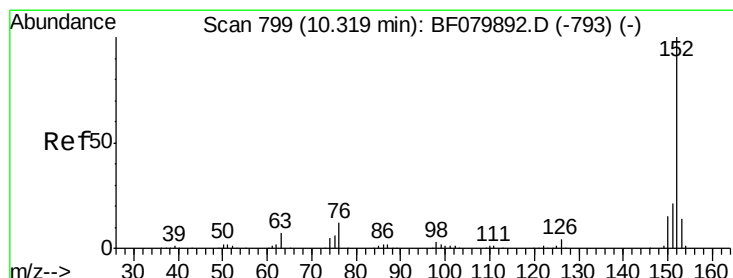
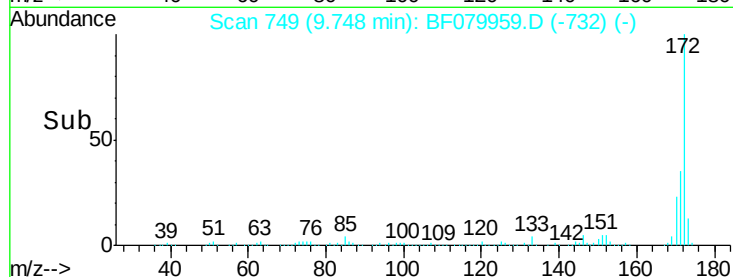
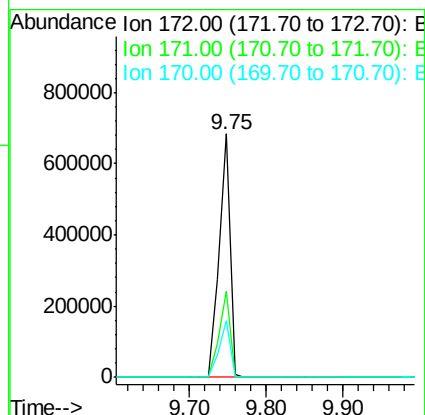
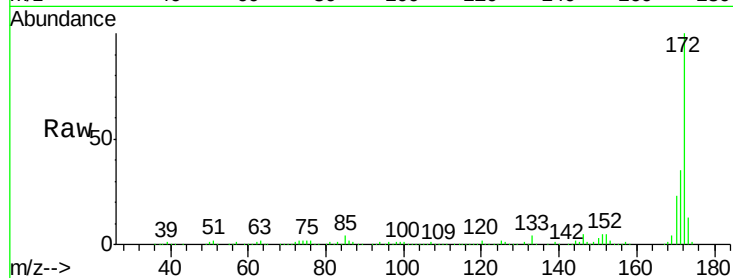




#44
 2-Fluorobiphenyl
 Concen: 111.71 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

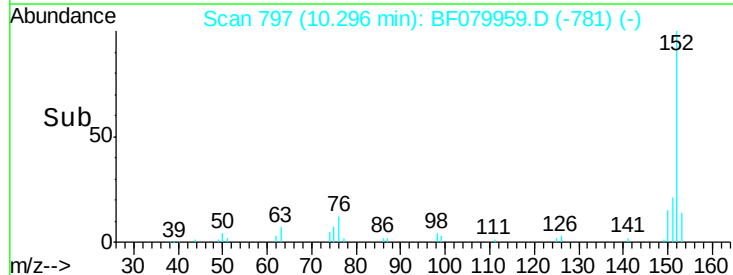
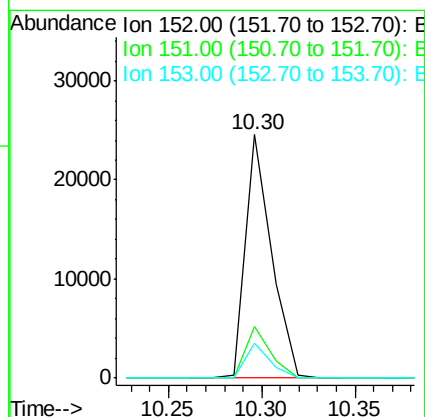
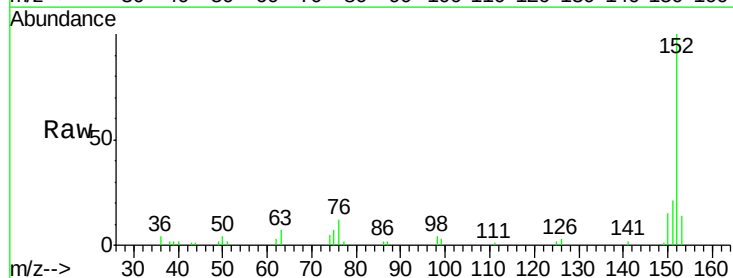
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

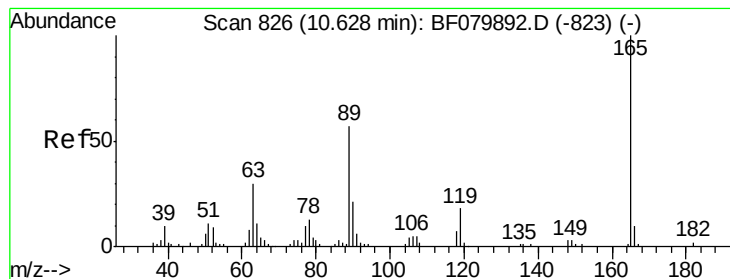
Tgt Ion:172 Resp: 672258
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.5 19.0 28.4



#48
 Acenaphthylene
 Concen: 2.43 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

Tgt Ion:152 Resp: 23779
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.8 25.2
 153 14.4 10.8 16.2





#56

2,4-Dinitrotoluene

Concen: 10.82 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.16 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

Instrument :

BNA_F

ClientSampleId :

MW-15

Tgt Ion:165 Resp: 10921

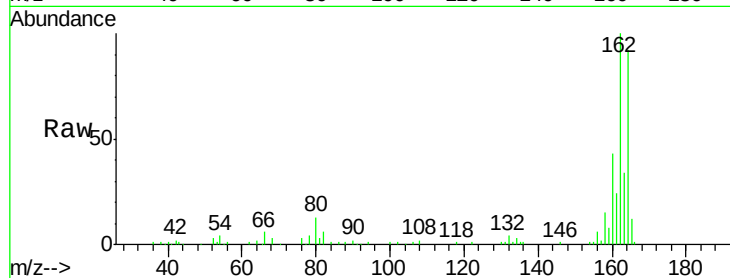
Ion Ratio Lower Upper

165 100

63 0.0 24.3 36.5#

89 0.0 45.4 68.2#

182 0.0 1.8 2.8#



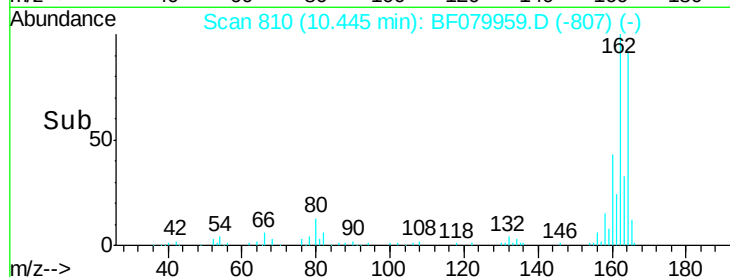
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

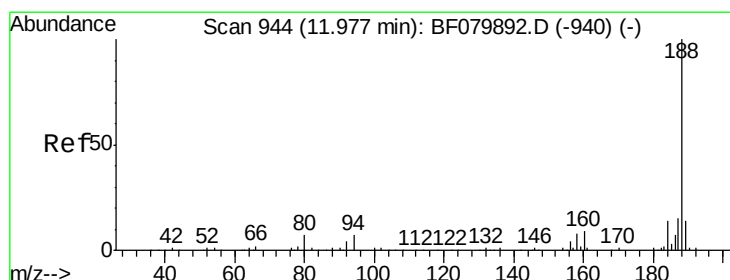
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.40 10.45



Time--> 10.40 10.45



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079959.D

Acq: 13 Jun 2015 5:21

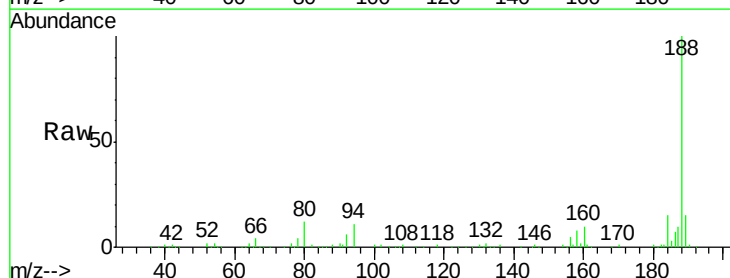
Tgt Ion:188 Resp: 190395

Ion Ratio Lower Upper

188 100

94 10.8 5.8 8.8#

80 12.4 5.9 8.9#

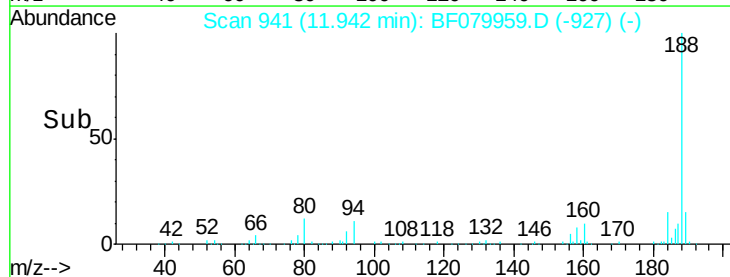


Abundance Ion 188.00 (187.70 to 188.70): E

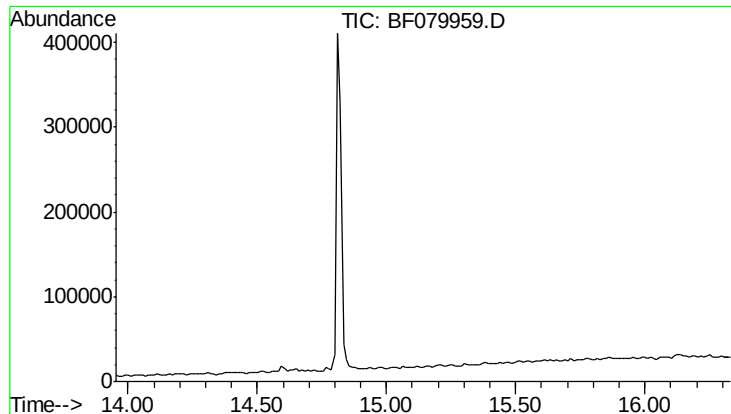
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.90 11.95 12.00



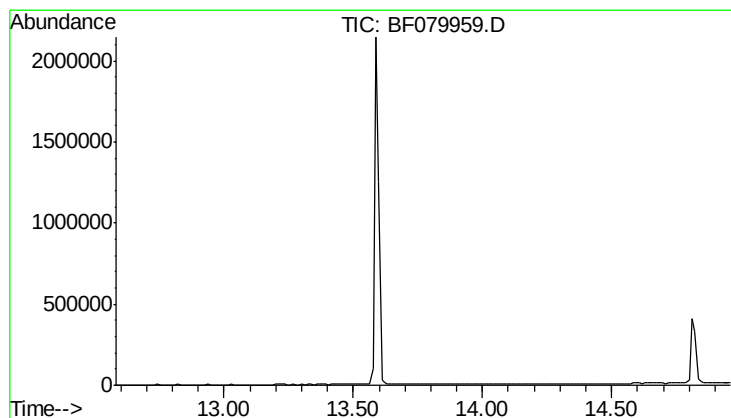
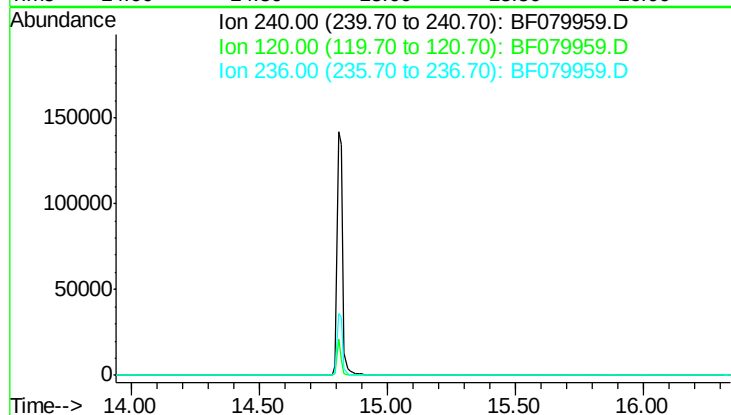
Time--> 11.90 11.95 12.00



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

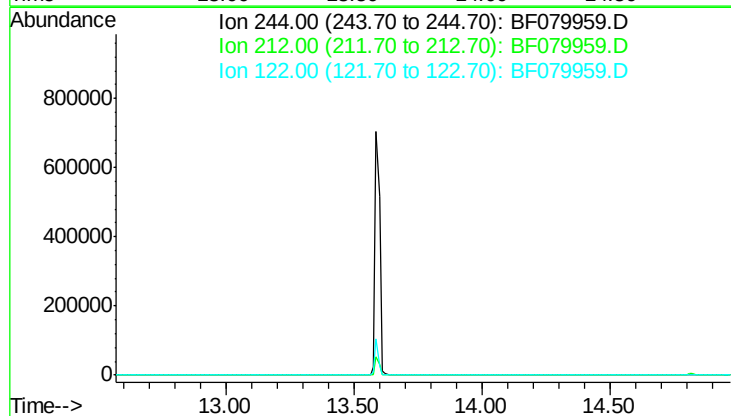
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

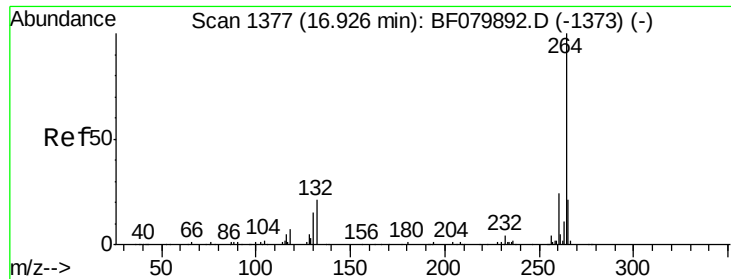
Tgt Ion	Exp Ratio
240	100
120	11.8
236	24.5



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.77 min
 Lab File: BF079959.D
 Acq: 13 Jun 2015 5:21

Tgt Ion	Exp Ratio
244	100
212	6.8
122	9.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.94 min Scan# 1378
Delta R.T. -0.16 min
Lab File: BF079959.D
Acq: 13 Jun 2015 5:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 264 Resp: 210
Ion Ratio Lower Upper
264 100
260 0.0 19.3 28.9#
265 117.6 17.0 25.6#

