

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079941.D
 Acq On : 12 Jun 2015 18:07
 Operator : TP/IZ
 Sample : G2522-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Quant Time: Jun 12 23:10:15 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

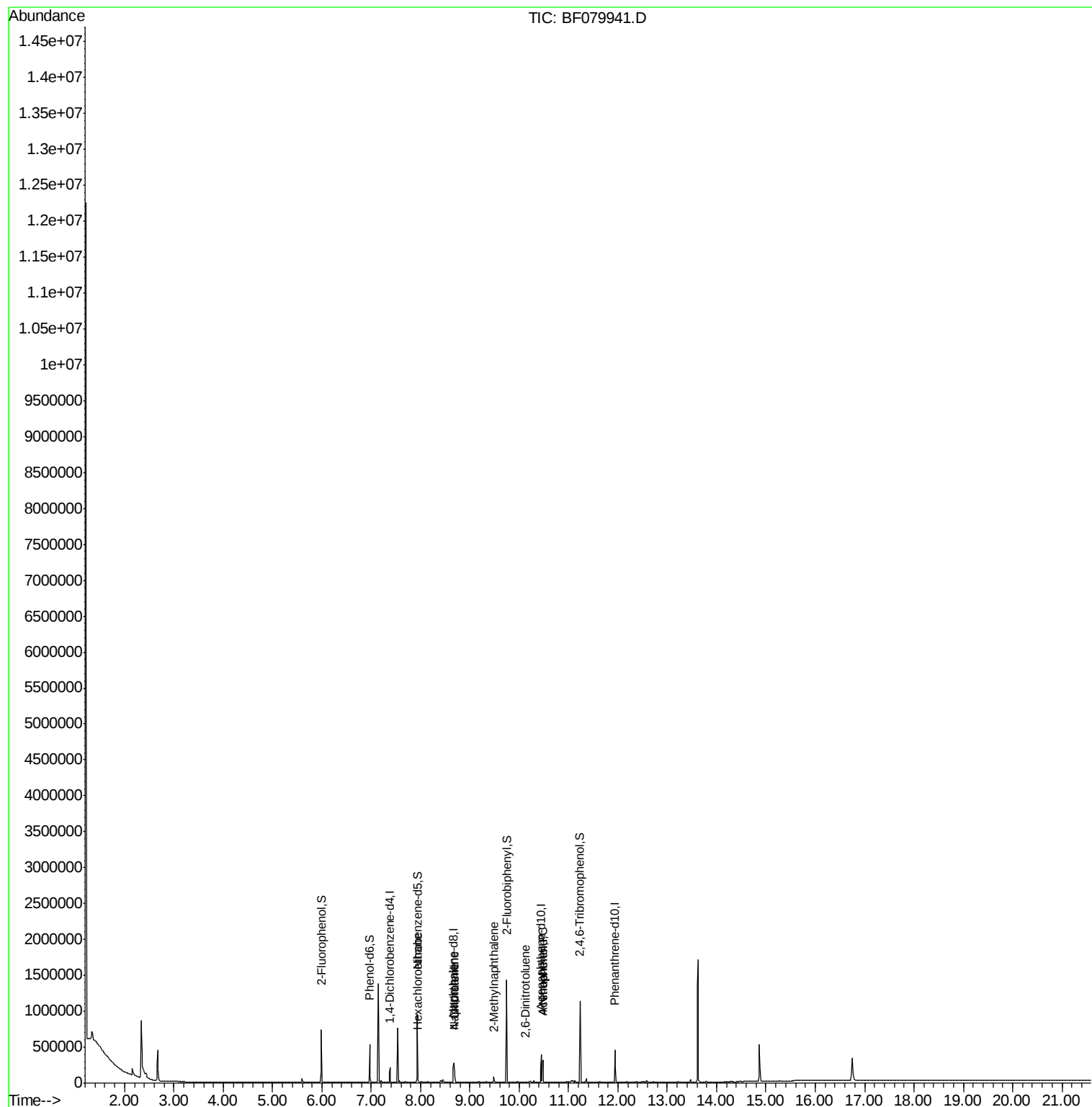
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41912	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	164030	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	89499	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	188044	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	185226	81.04	ng	0.00
7) Phenol-d6	6.97	99	155071	49.80	ng	0.00
23) Nitrobenzene-d5	7.93	82	257843	103.71	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	119124	132.10	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	596657	93.35	ng	0.00
78) Terphenyl-d14	13.62	244	774566	0.00	ng	-0.15
Target Compounds						Qvalue
18) Hexachloroethane	7.94	117	15270	14.65	ng	# 1
31) Naphthalene	8.68	128	66641	7.43	ng	99
33) 4-Chloroaniline	8.68	127	8688	2.50	ng	# 31
37) 2-Methylnaphthalene	9.48	142	19288	3.18	ng	88
50) 2,6-Dinitrotoluene	10.12	165	394	3.33	ng	# 21
51) Acenaphthene	10.48	154	102199	17.27	ng	98
55) 4-Nitrophenol	10.48	139	740	3.19	ng	# 30

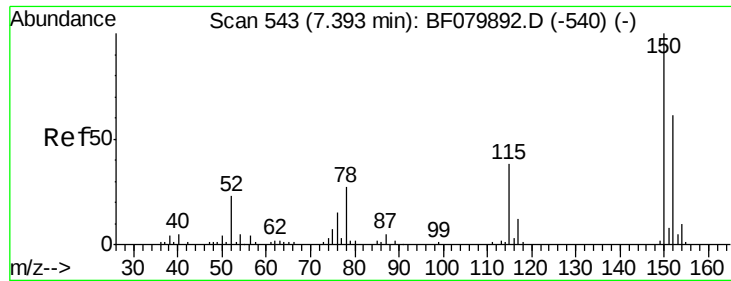
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Jun 12 23:10:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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Response via : Initial Calibration



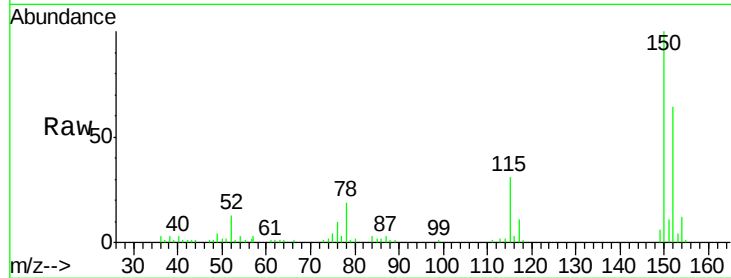


#1

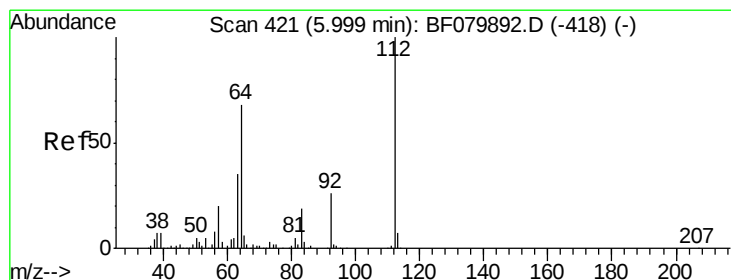
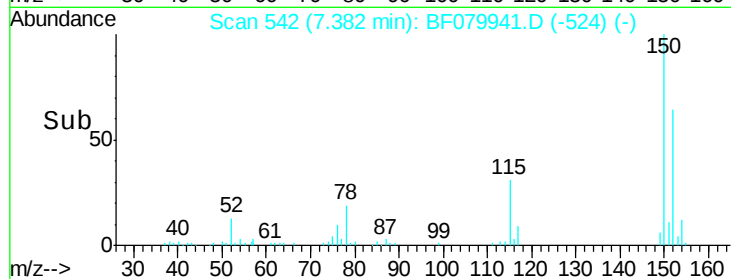
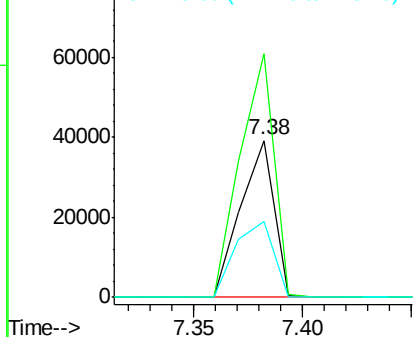
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:152 Resp: 41912
Ion Ratio Lower Upper
152 100
150 155.3 131.0 196.4
115 48.4 49.8 74.6#



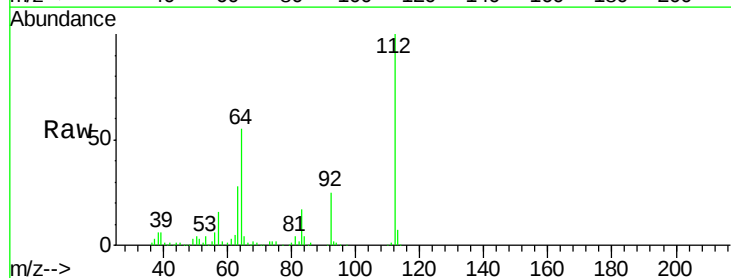
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



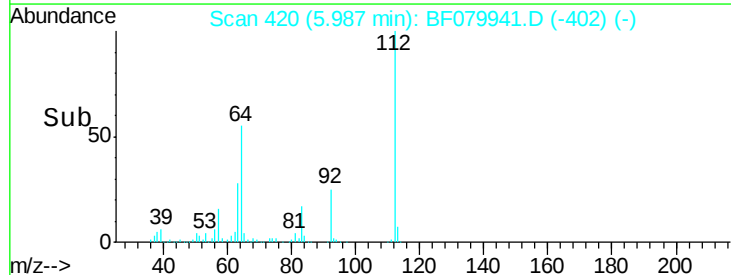
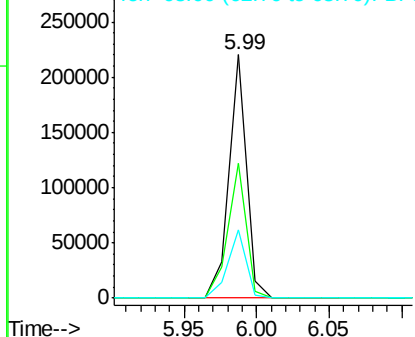
#5

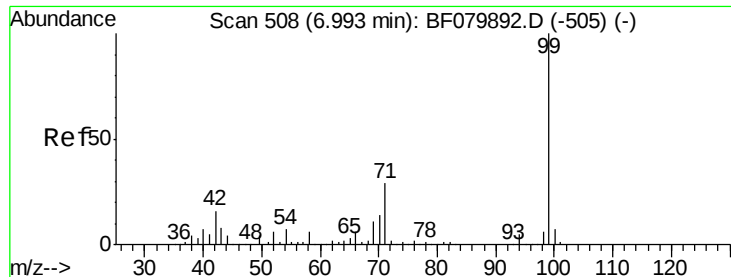
2-Fluorophenol
Concen: 81.04 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Tgt Ion:112 Resp: 185226
Ion Ratio Lower Upper
112 100
64 55.4 54.5 81.7
63 28.2 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: 49.80 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MW-101

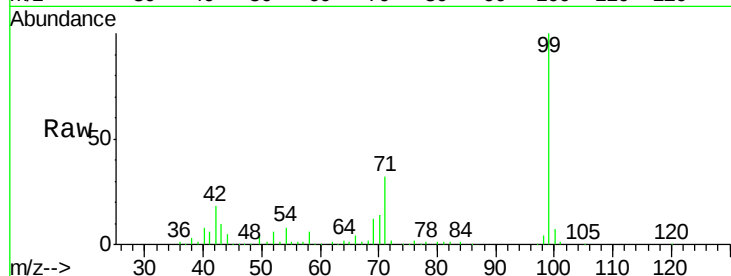
Tgt Ion: 99 Resp: 155071

Ion Ratio Lower Upper

99 100

42 18.5 12.9 19.3

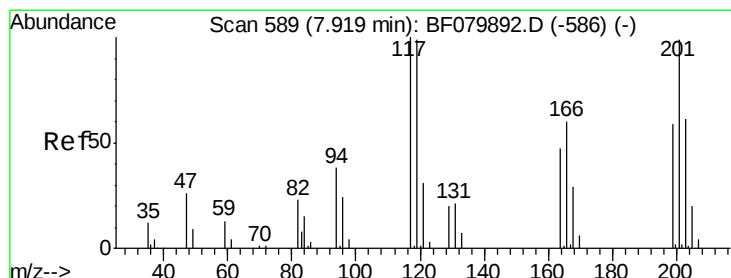
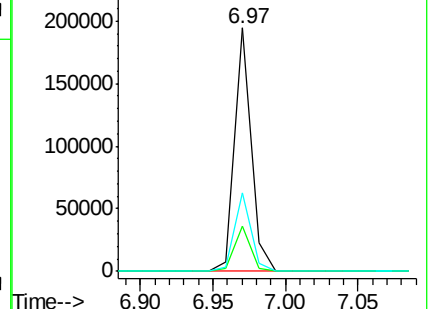
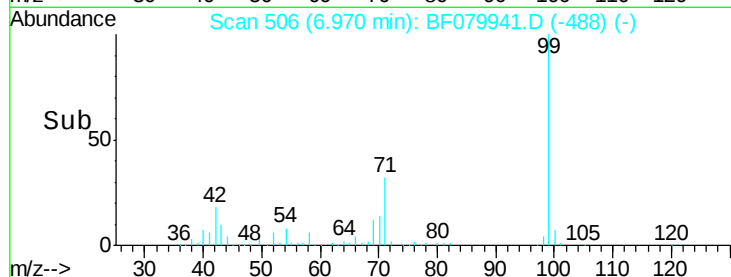
71 32.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079941.D (-506) (-)

Ion 42.00 (41.70 to 42.70): BF079941.D (-506) (-)

Ion 71.00 (70.70 to 71.70): BF079941.D (-506) (-)



#18

Hexachloroethane

Concen: 14.65 ng

RT: 7.94 min Scan# 591

Delta R.T. 0.05 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

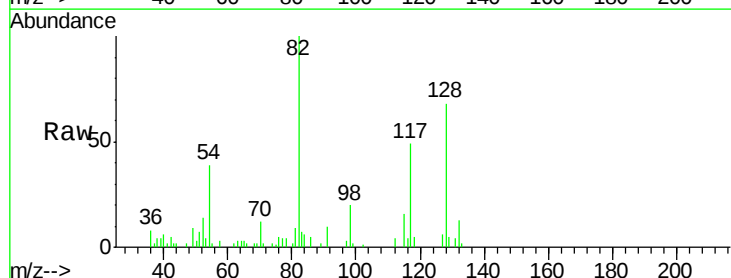
Tgt Ion: 117 Resp: 15270

Ion Ratio Lower Upper

117 100

119 0.0 79.0 118.6#

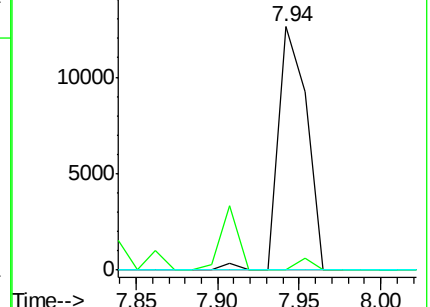
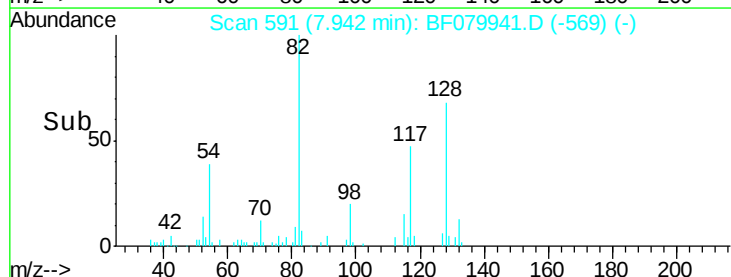
201 0.0 79.0 118.6#

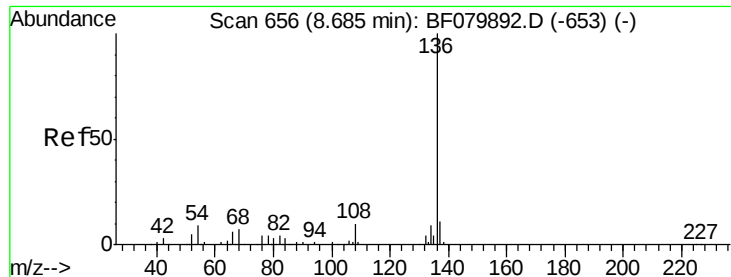


Abundance Ion 117.00 (116.70 to 117.70): BF079941.D (-569) (-)

Ion 119.00 (118.70 to 119.70): BF079941.D (-569) (-)

Ion 201.00 (200.70 to 201.70): BF079941.D (-569) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MW-101

Tgt Ion:136 Resp: 164030

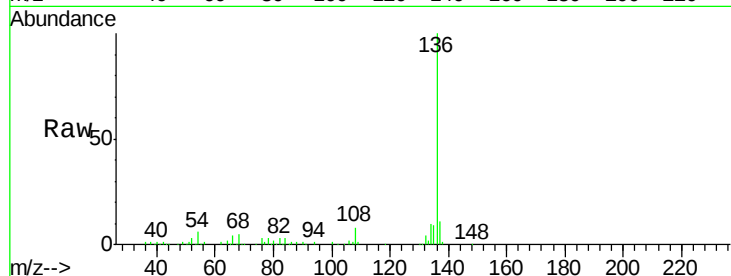
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.8 7.3 10.9#

68 4.6 5.9 8.9#

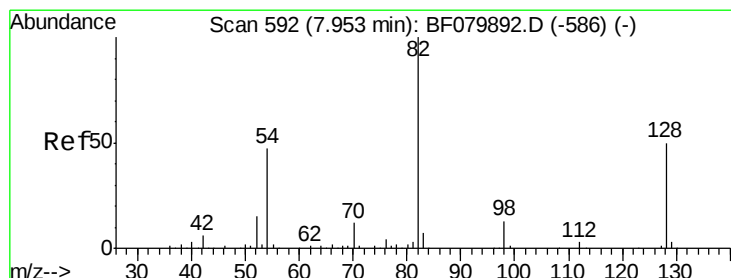
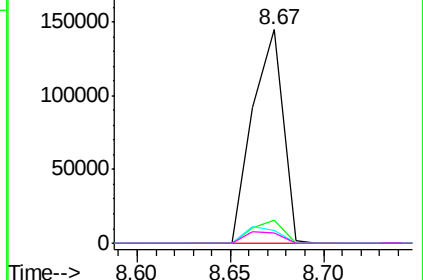
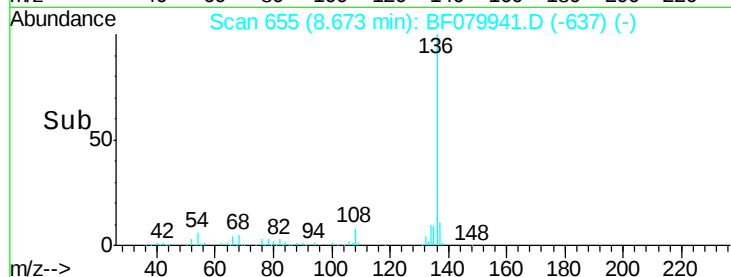


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.71 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

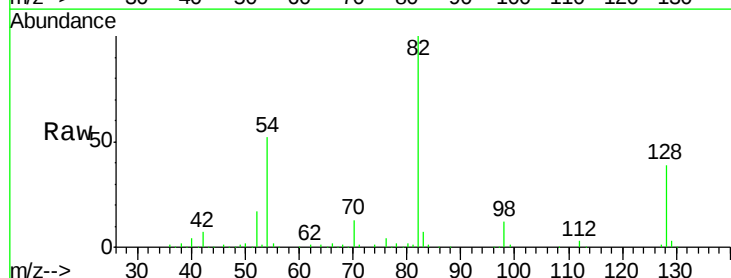
Tgt Ion: 82 Resp: 257843

Ion Ratio Lower Upper

82 100

128 39.3 40.3 60.5#

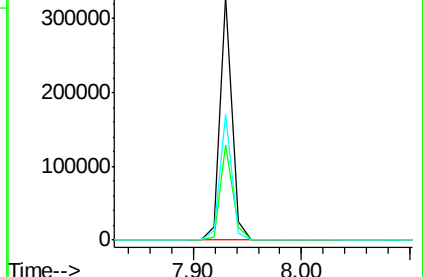
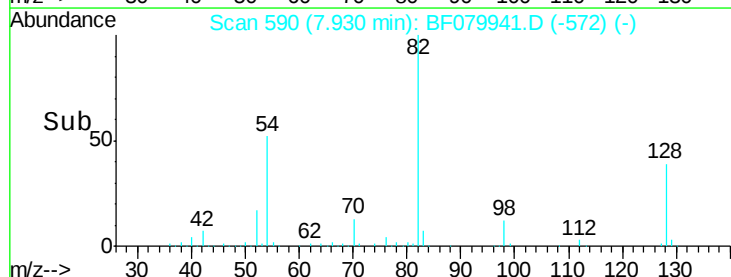
54 51.6 38.0 57.0

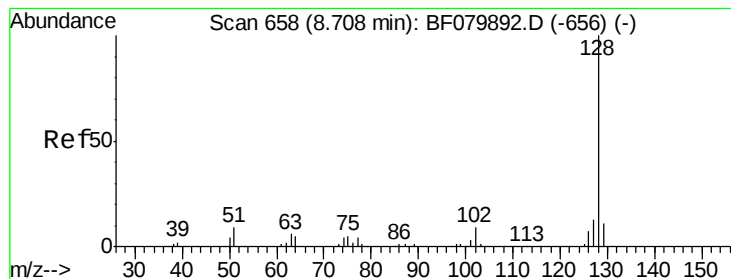


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.43 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

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MW-101

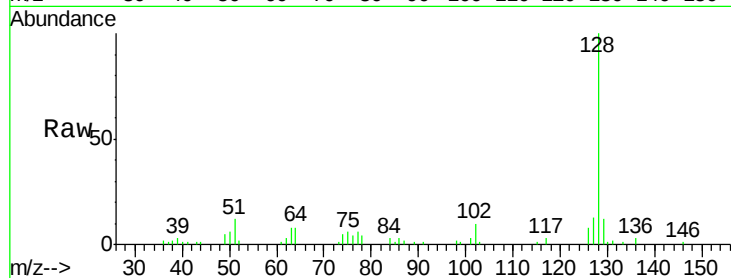
Tgt Ion:128 Resp: 66641

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

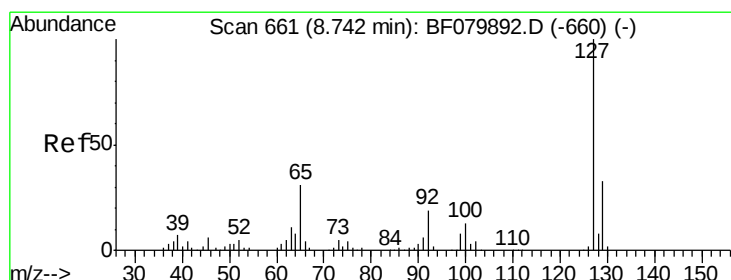
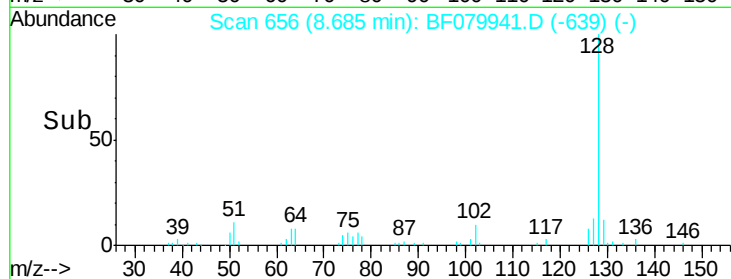
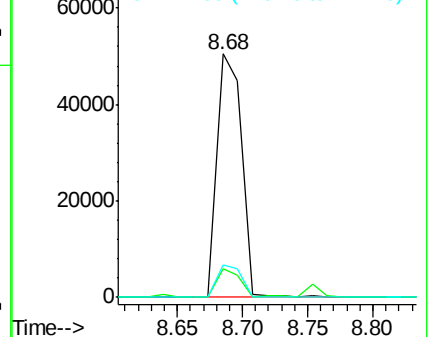
127 13.5 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.50 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.05 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Tgt Ion:127 Resp: 8688

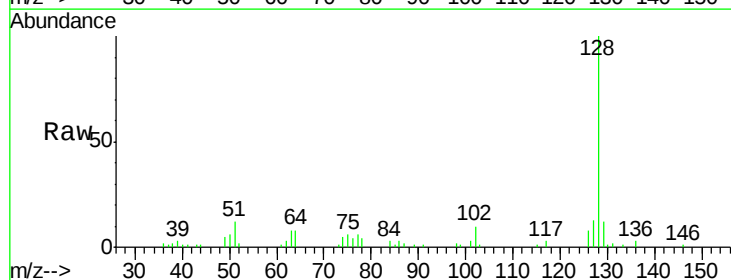
Ion Ratio Lower Upper

127 100

129 86.9 26.1 39.1#

65 0.0 25.5 38.3#

92 0.0 15.7 23.5#

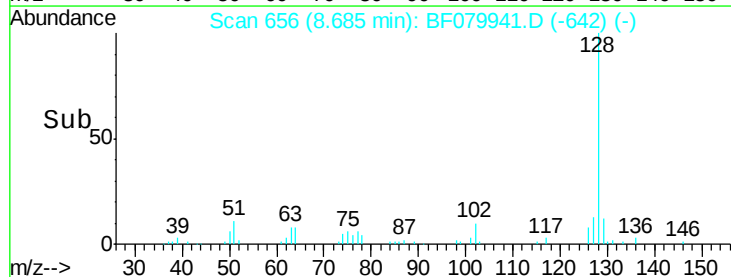
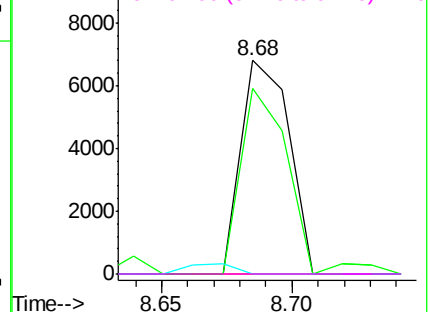


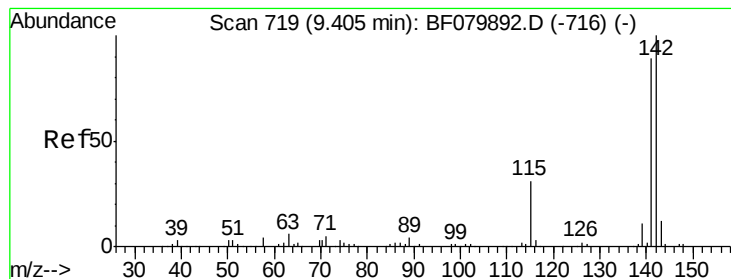
Abundance Ion 127.00 (126.70 to 127.70): E

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

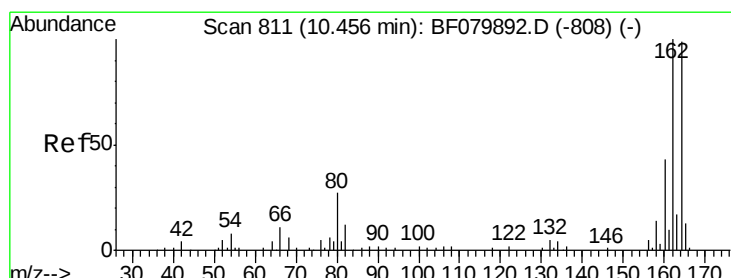
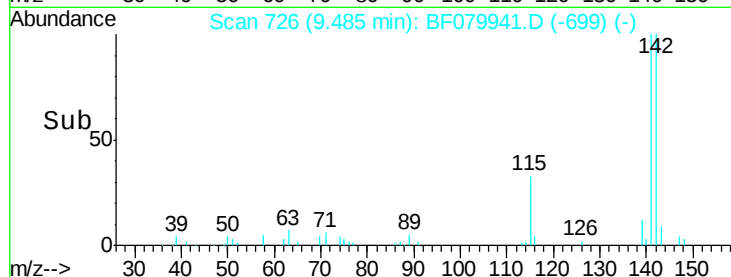
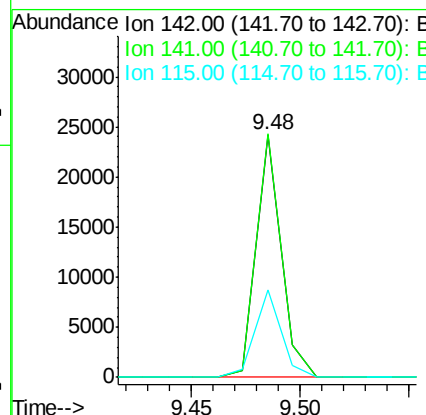
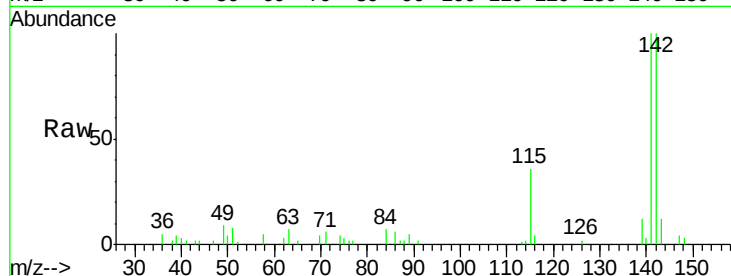




#37
 2-Methylnaphthalene
 Concen: 3.18 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.10 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

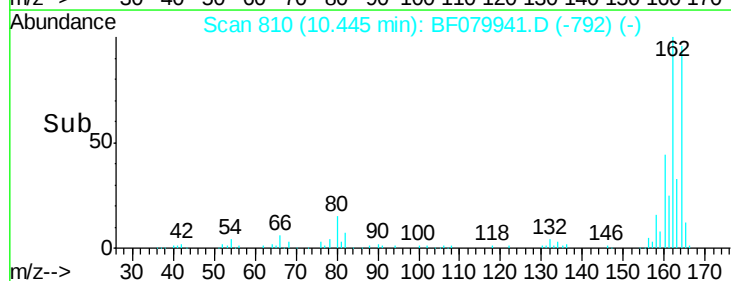
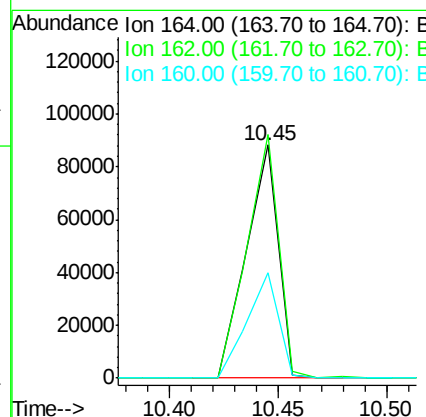
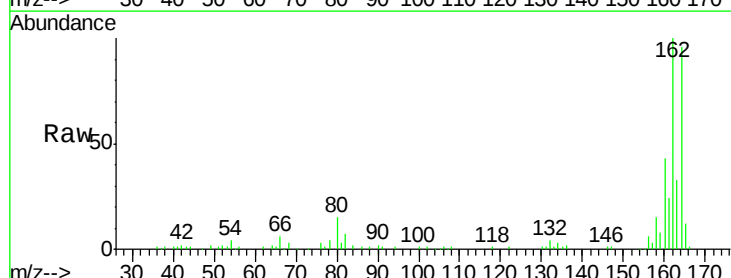
Instrument :
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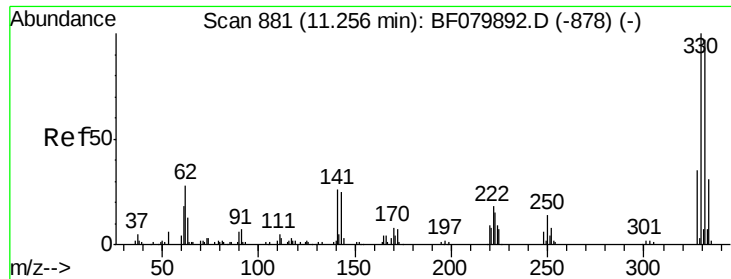
Tgt Ion:142 Resp: 19288
 Ion Ratio Lower Upper
 142 100
 141 100.4 70.9 106.3
 115 36.1 25.0 37.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Tgt Ion:164 Resp: 89499
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.7 121.1
 160 45.3 34.6 51.8

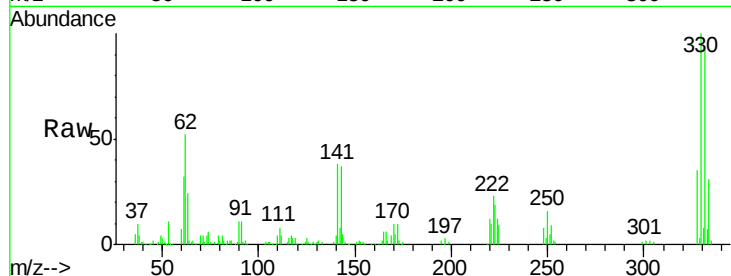




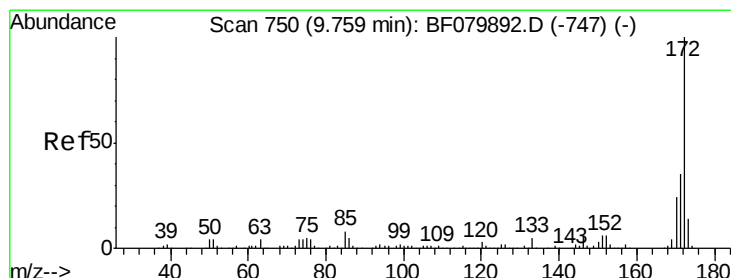
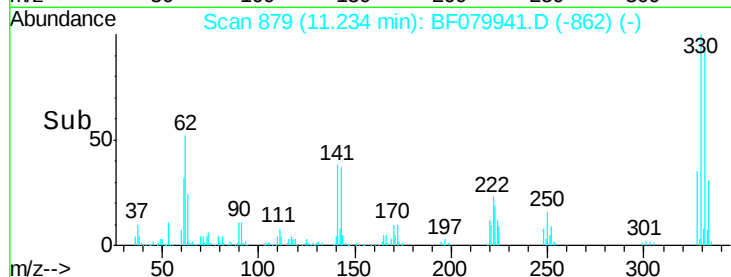
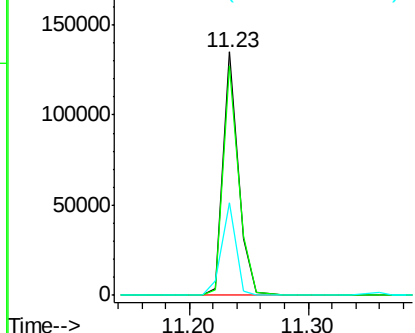
#41
 2,4,6-Tribromophenol
 Concen: 132.10 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Tgt Ion:330 Resp: 119124
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 36.2 26.8 40.2

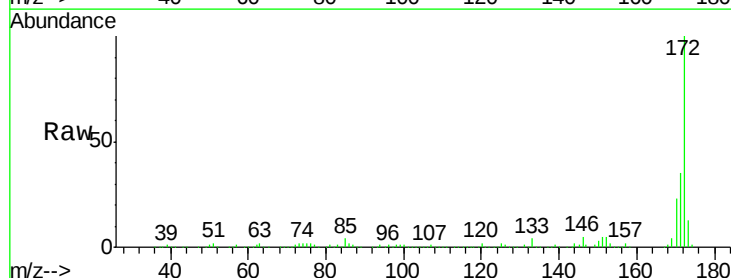


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

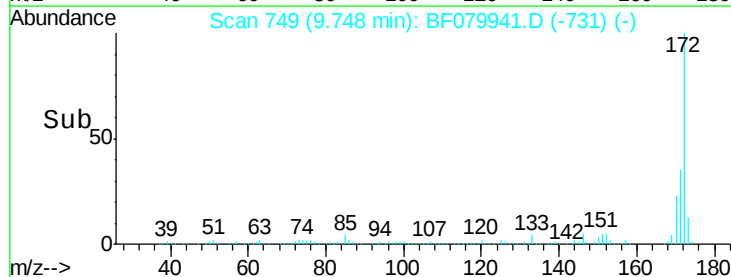
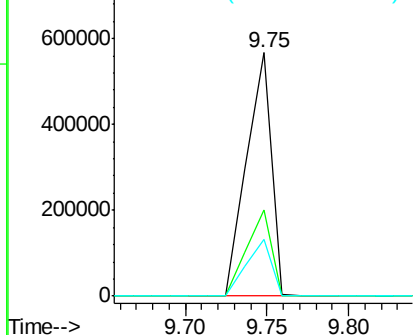


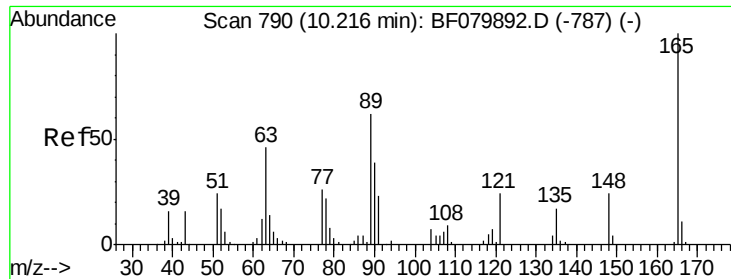
#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Tgt Ion:172 Resp: 596657
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.2 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

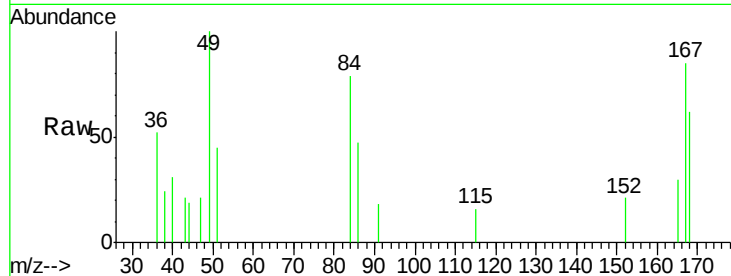




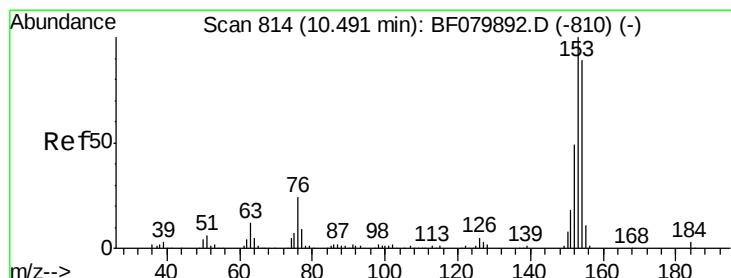
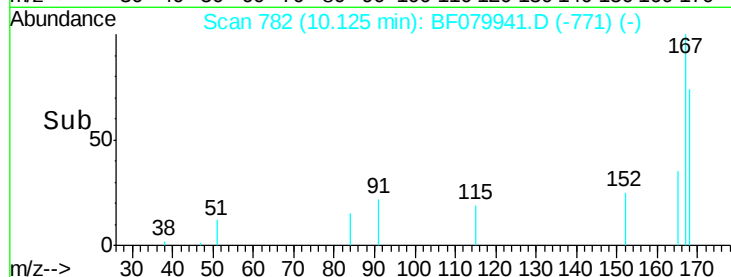
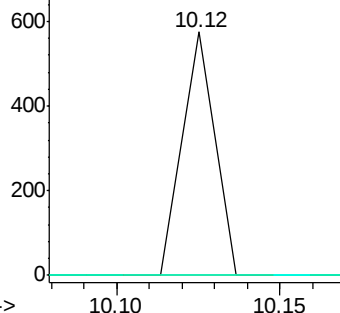
#50
 2,6-Dinitrotoluene
 Concen: 3.33 ng
 RT: 10.12 min Scan# 782
 Delta R.T. -0.08 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Instrument :
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 ClientSampleId :
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Tgt Ion:165 Resp: 394
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.4 69.6#
 89 0.0 49.6 74.4#

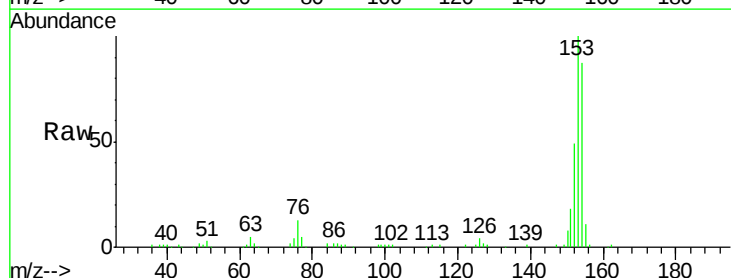


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

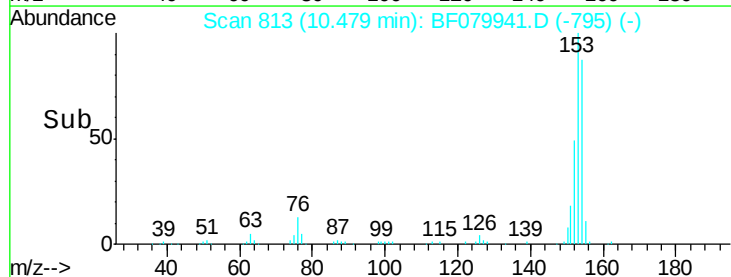
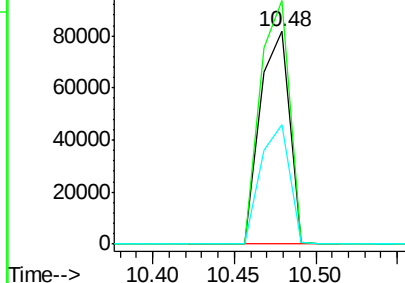


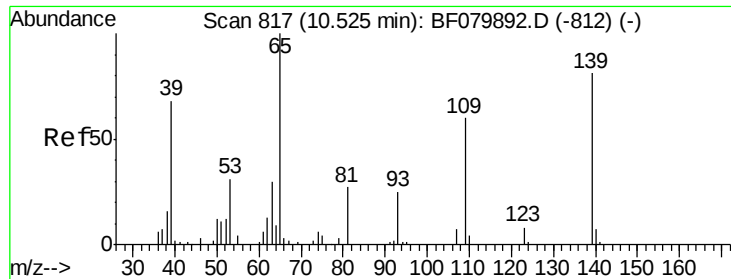
#51
 Acenaphthene
 Concen: 17.27 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Tgt Ion:154 Resp: 102199
 Ion Ratio Lower Upper
 154 100
 153 114.5 90.0 135.0
 152 56.4 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

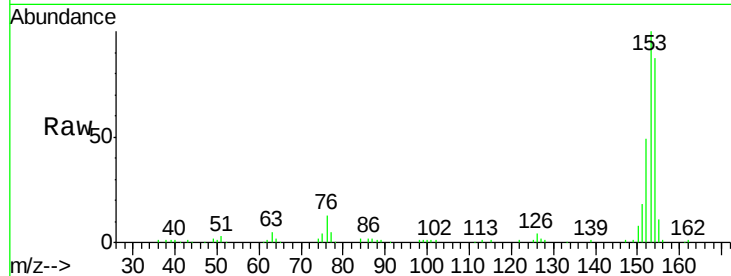




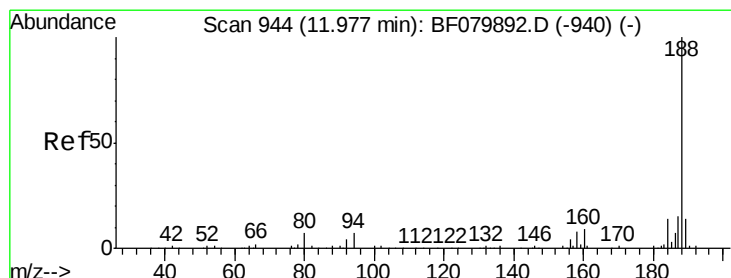
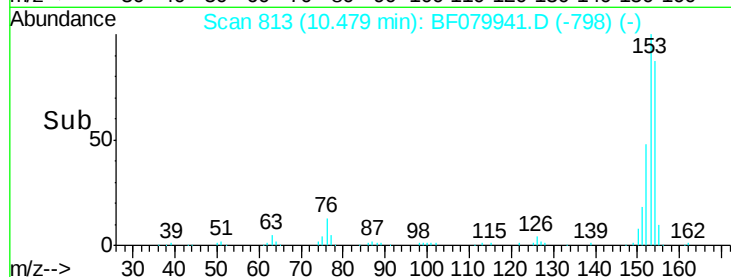
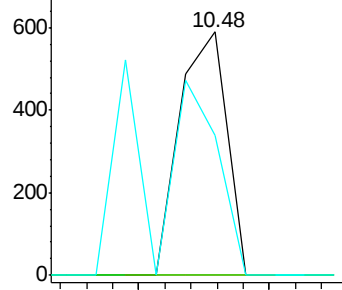
#55
4-Nitrophenol
Concen: 3.19 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:139 Resp: 740
Ion Ratio Lower Upper
139 100
109 0.0 54.8 94.8#
65 57.6 104.8 144.8#

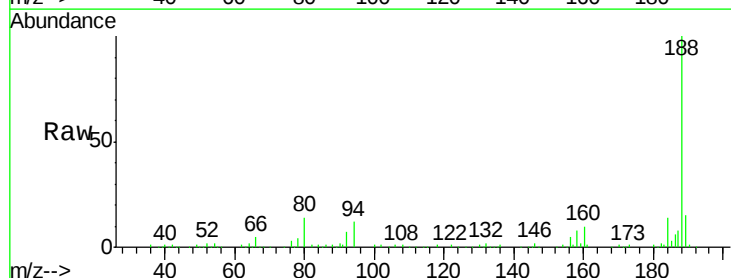


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

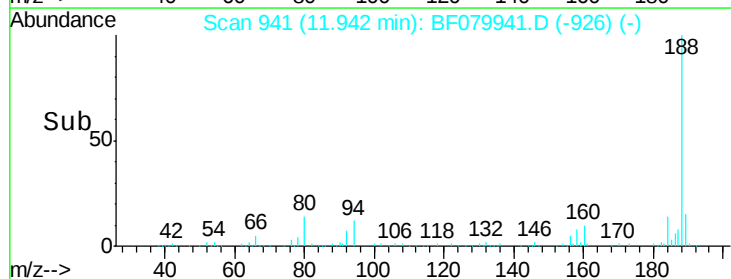
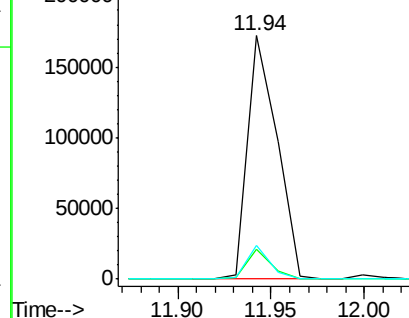


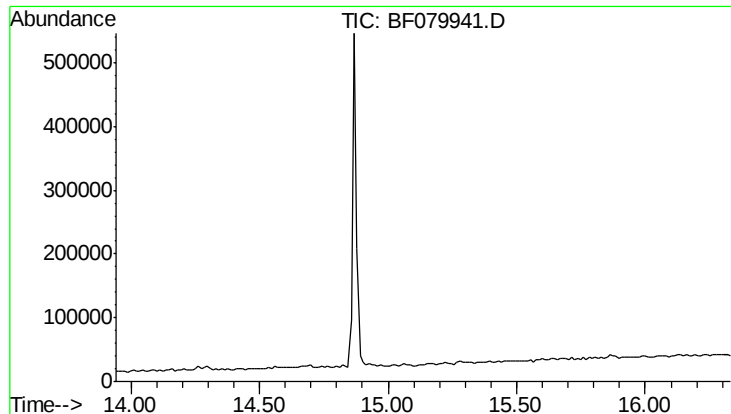
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Tgt Ion:188 Resp: 188044
Ion Ratio Lower Upper
188 100
94 12.4 5.8 8.8#
80 14.1 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

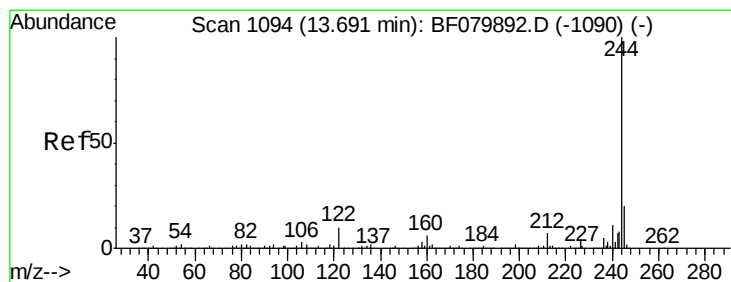
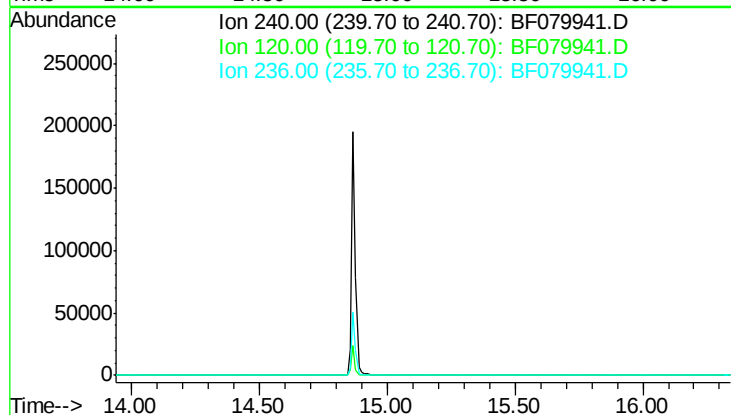




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

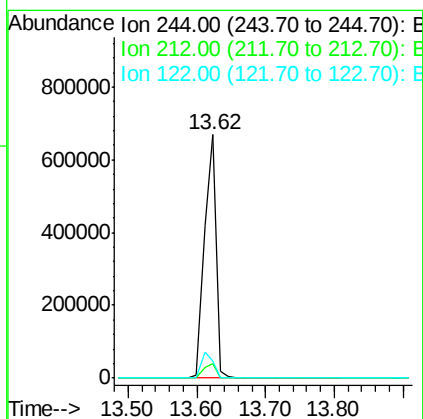
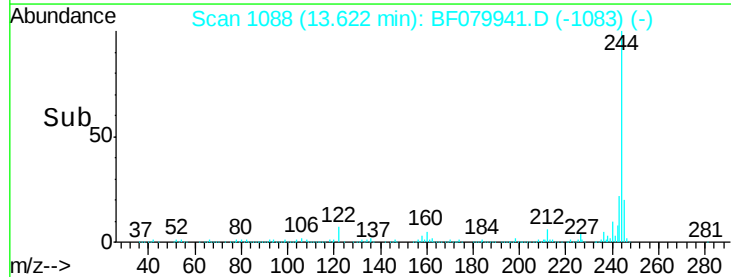
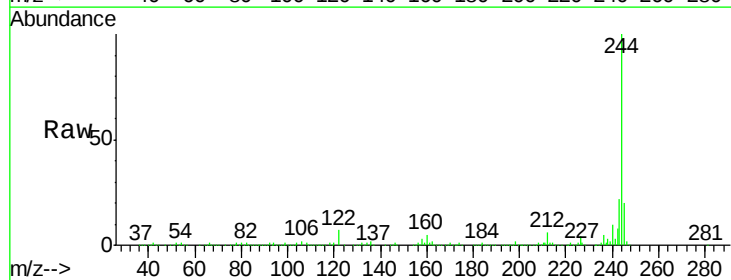
Instrument :
 BNA_F
 ClientSampleId :
 MW-101

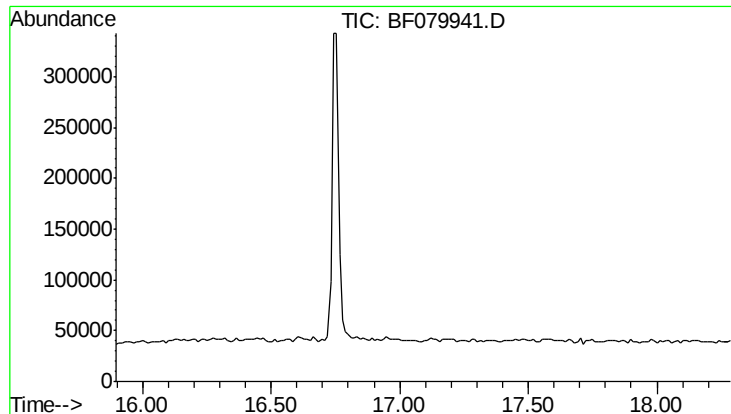
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.62 min Scan# 1088
 Delta R.T. -0.15 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Tgt Ion: 244 Resp: 774566
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.2
 122 6.8 7.8 11.8





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.10 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.1
265 21.3

