

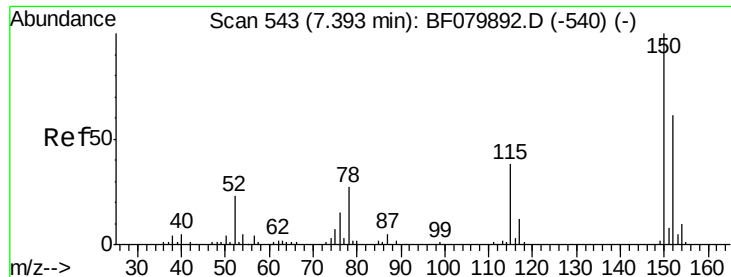
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079942.D
 Acq On : 12 Jun 2015 18:37
 Operator : TP/IZ
 Sample : G2522-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Jun 12 23:10:28 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	44828	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	140477	20.00	ng	0.01
38) Acenaphthene-d10	10.44	164	94055	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	190189	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	173795	71.09	ng	0.00
7) Phenol-d6	6.97	99	154805	46.48	ng	0.00
23) Nitrobenzene-d5	7.93	82	284555	133.65	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	134132	141.33	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	674720	100.45	ng	0.00
78) Terphenyl-d14	13.62	244	909814	0.00	ng	-0.15
Target Compounds						Qvalue
9) Benzaldehyde	6.94	77	26222	13.70	ng	# 1
15) Benzyl Alcohol	7.54	79	8290	3.10	ng	# 35
18) Hexachloroethane	7.91	117	61020	54.73	ng	# 3
20) 3+4-Methylphenols	7.75	107	6724	2.03	ng	85
22) Acetophenone	7.77	105	75919	22.88	ng	# 92
24) Nitrobenzene	7.98	77	8686	3.84	ng	# 7
31) Naphthalene	8.73	128	13704216	1784.69	ng	# 79
32) Benzoic acid	8.42	122	1329	9.80	ng	# 1
33) 4-Chloroaniline	8.73	127	2641271	886.18	ng	# 34
37) 2-Methylnaphthalene	9.50	142	1780499	343.20	ng	92
45) 1,1'-Biphenyl	9.85	154	400550	52.62	ng	94
47) 2-Nitroaniline	10.01	65	2990	6.24	ng	# 41
48) Acenaphthylene	10.31	152	1585948	144.97	ng	99
50) 2,6-Dinitrotoluene	10.12	165	3878	5.68	ng	# 78
51) Acenaphthene	10.48	154	91171	14.66	ng	99
52) 3-Nitroaniline	10.30	138	208	3.00	ng	# 1
54) Dibenzofuran	10.65	168	25146	2.77	ng	# 85
55) 4-Nitrophenol	10.47	139	1024	3.38	ng	# 52
56) 2,4-Dinitrotoluene	10.60	165	1210	5.40	ng	# 75
57) Fluorene	10.99	166	135026	17.05	ng	100
61) 4-Nitroaniline	10.99	138	1034	3.67	ng	# 19
70) Phenanthrene	11.98	178	459694	40.56	ng	99
71) Anthracene	12.02	178	59608	5.43	ng	98
72) Carbazole	12.17	167	53476	5.03	ng	99

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

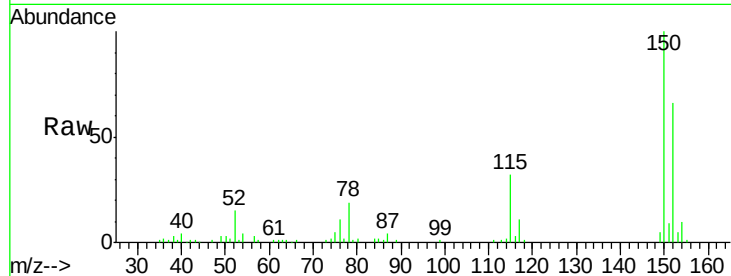


#1

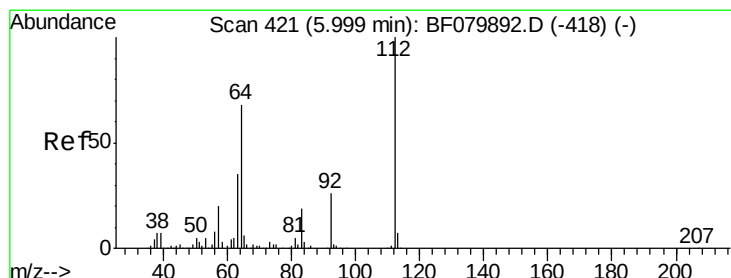
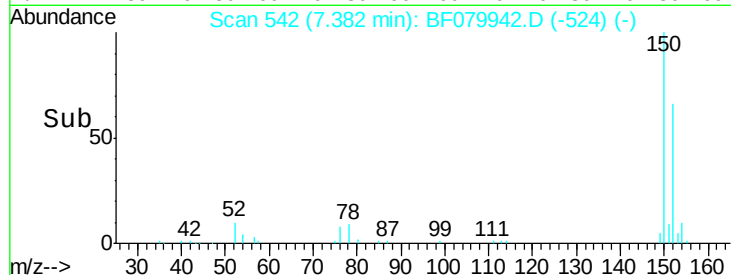
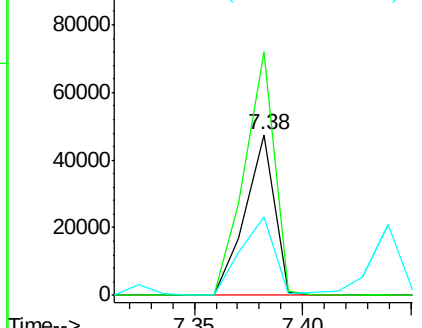
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 44828
Ion Ratio Lower Upper
152 100
150 151.5 131.0 196.4
115 48.9 49.8 74.6#



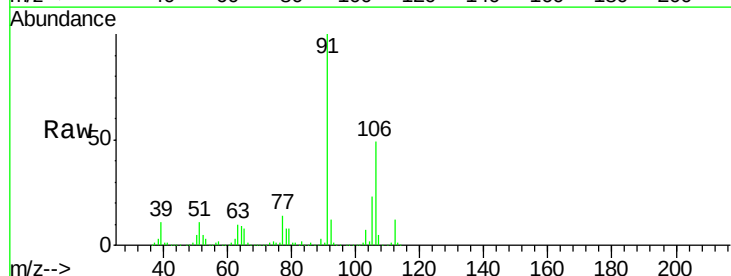
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



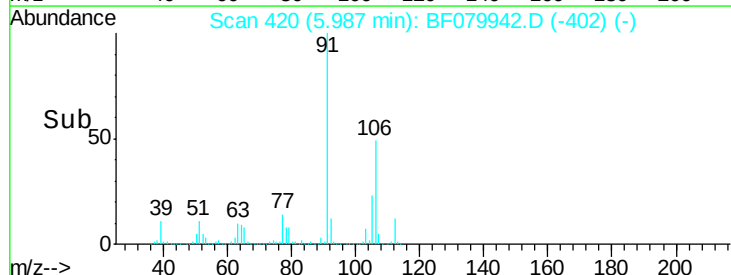
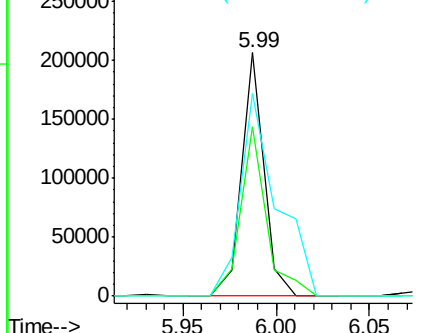
#5

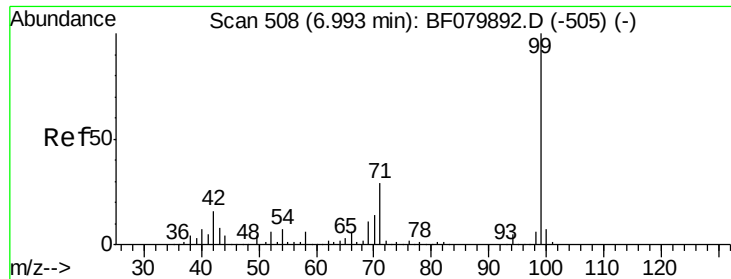
2-Fluorophenol
Concen: 71.09 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion:112 Resp: 173795
Ion Ratio Lower Upper
112 100
64 69.6 54.5 81.7
63 83.3 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: 46.48 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampled :

MW-16

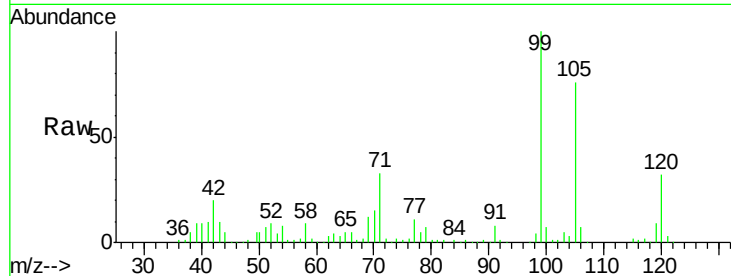
Tgt Ion: 99 Resp: 154805

Ion Ratio Lower Upper

99 100

42 20.0 12.9 19.3#

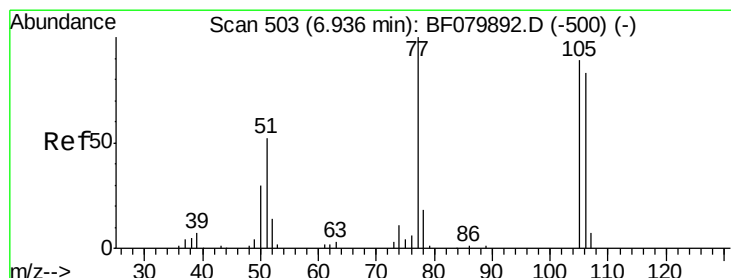
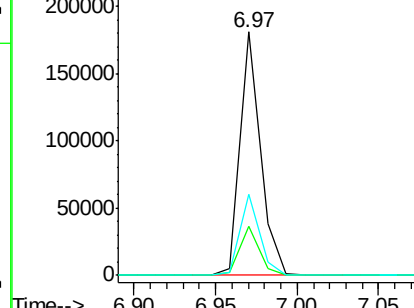
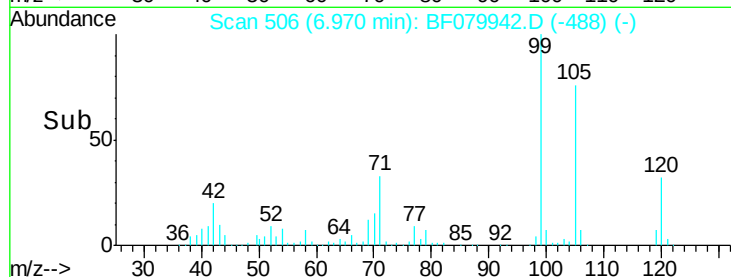
71 33.4 23.4 35.2



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



#9

Benzaldehyde

Concen: 13.70 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.01 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

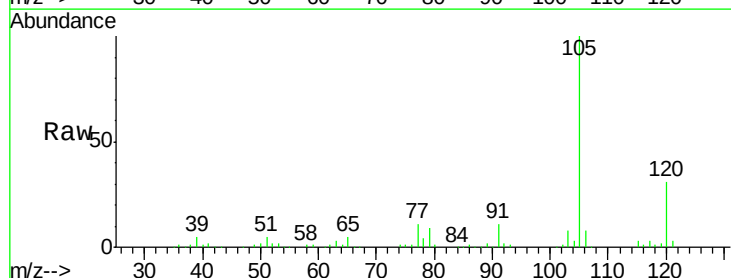
Tgt Ion: 77 Resp: 26222

Ion Ratio Lower Upper

77 100

105 875.9 68.6 108.6#

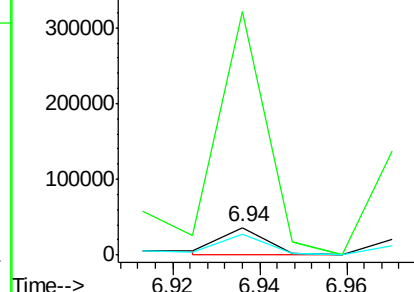
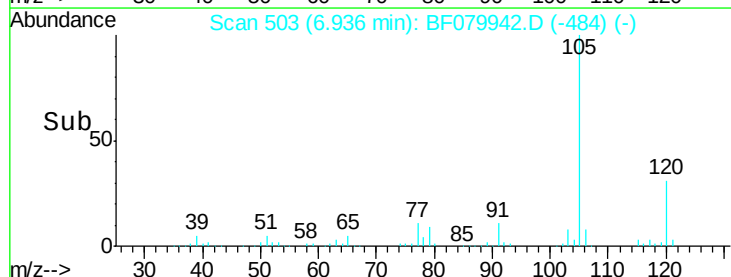
106 74.1 63.3 103.3

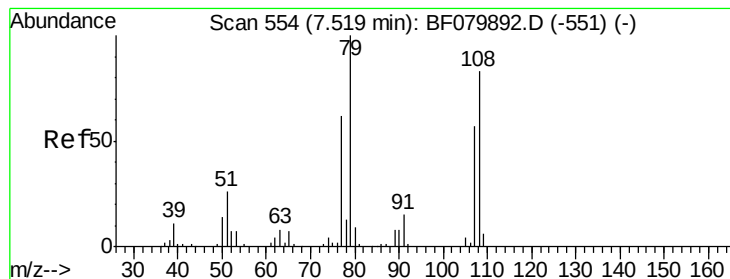


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.10 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.05 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

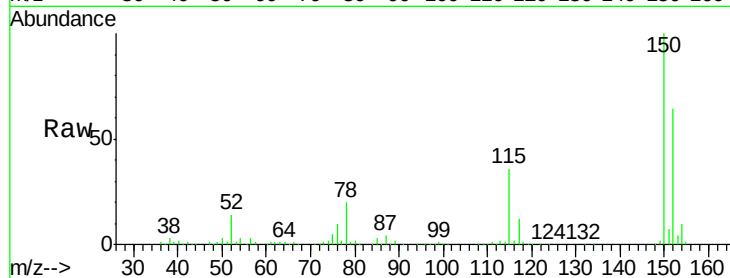
Tgt Ion: 79 Resp: 8290

Ion Ratio Lower Upper

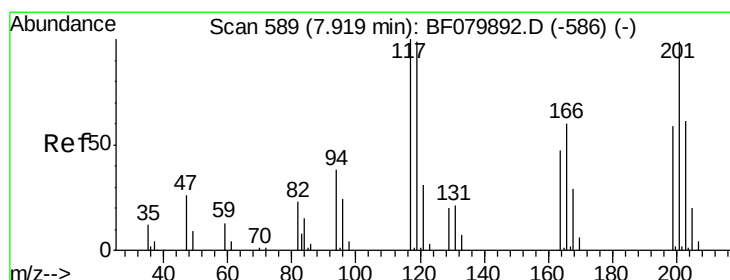
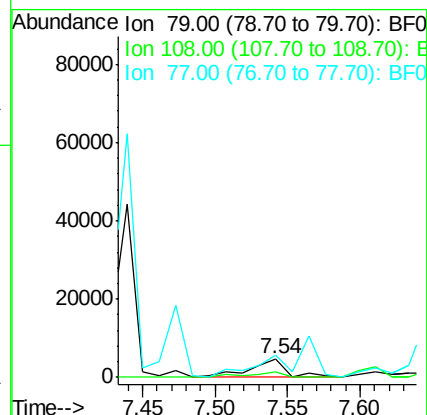
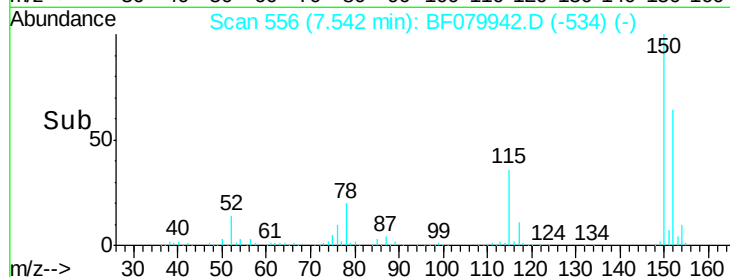
79 100

108 33.6 66.4 99.6#

77 121.2 49.4 74.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 54.73 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

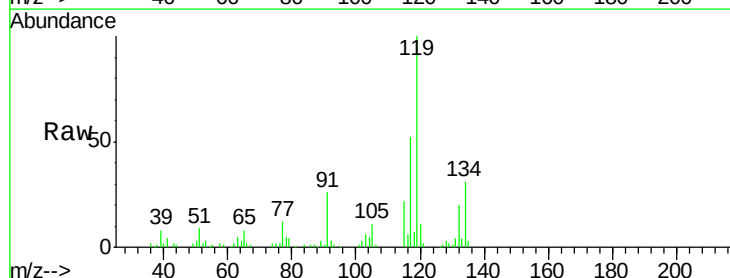
Tgt Ion: 117 Resp: 61020

Ion Ratio Lower Upper

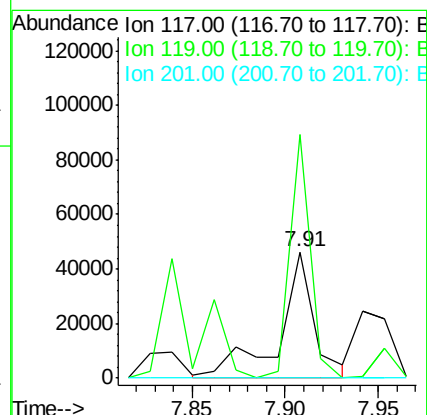
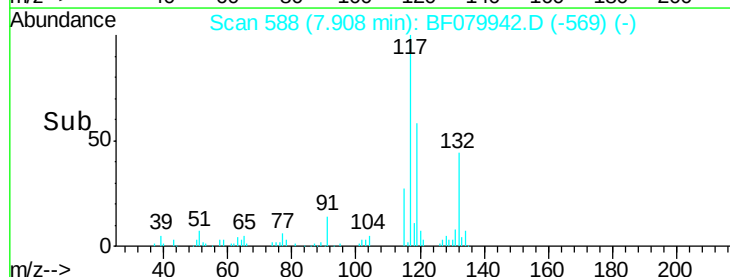
117 100

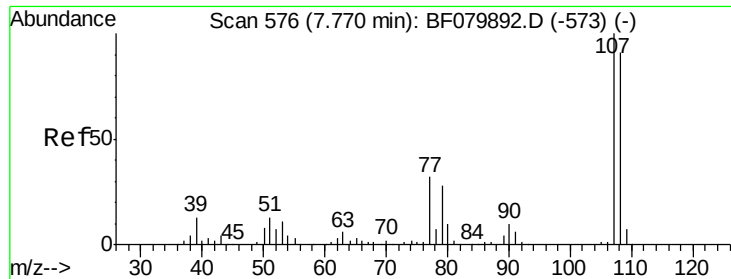
119 193.4 79.0 118.6#

201 0.0 79.0 118.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

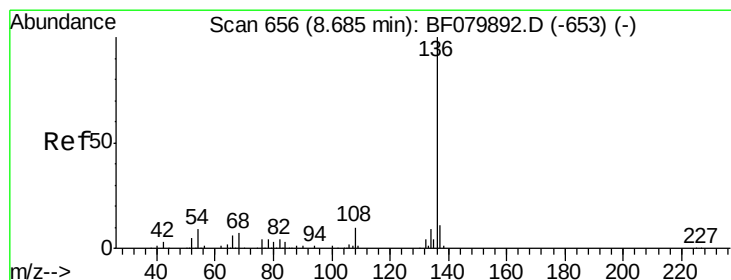
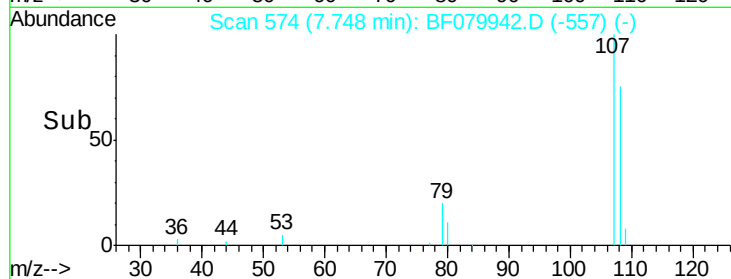
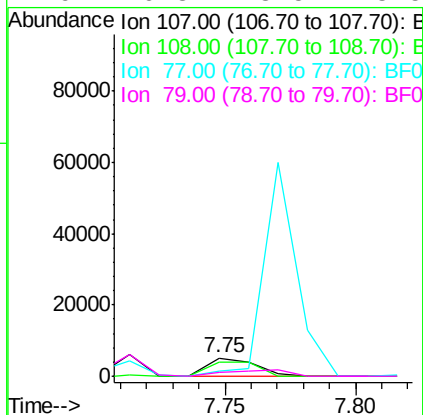
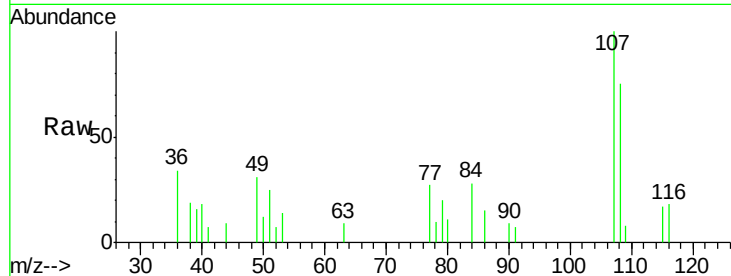




#20
3+4-Methylphenols
Concen: 2.03 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

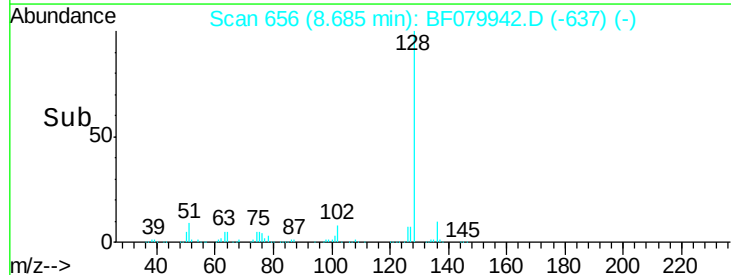
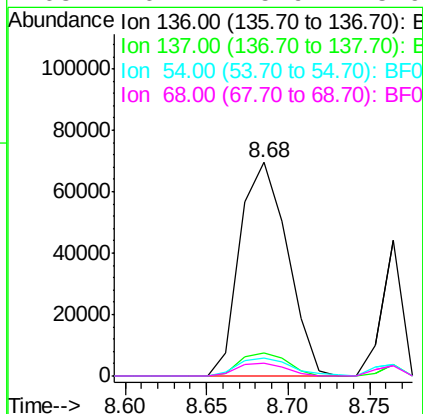
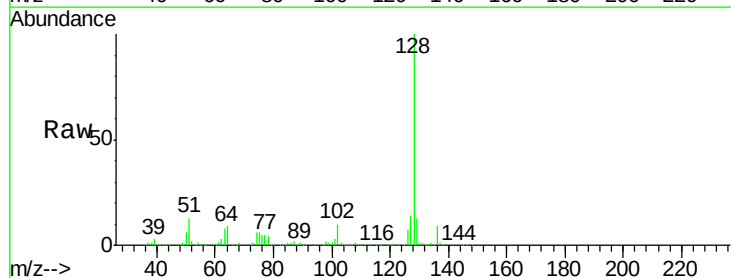
Instrument :
BNA_F
ClientSampleId :
MW-16

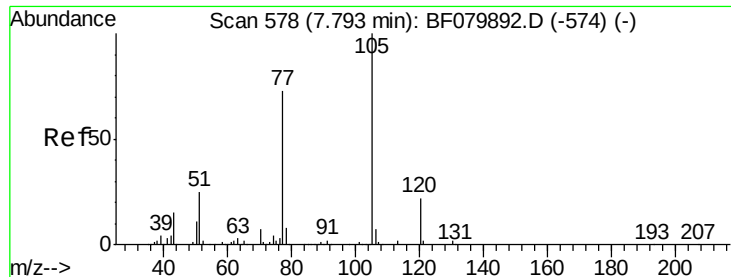
Tgt Ion:107 Resp: 6724
Ion Ratio Lower Upper
107 100
108 74.6 71.1 111.1
77 26.8 12.2 52.2
79 20.3 8.5 48.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion:136 Resp: 140477
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.2 7.3 10.9
68 6.1 5.9 8.9

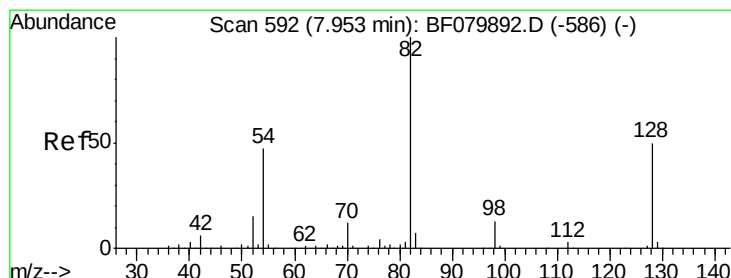
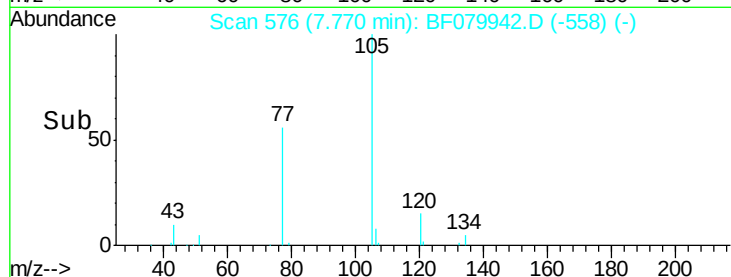
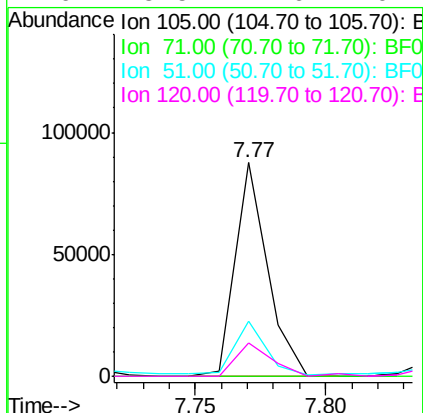
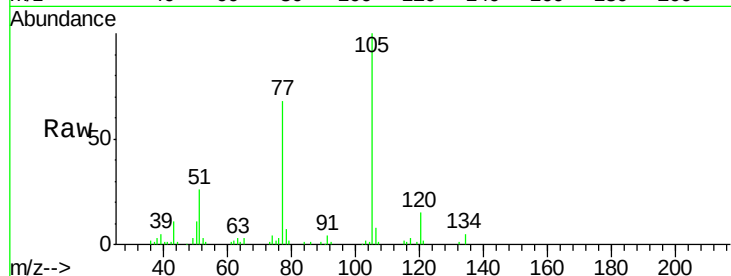




#22
 Acetophenone
 Concen: 22.88 ng
 RT: 7.77 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

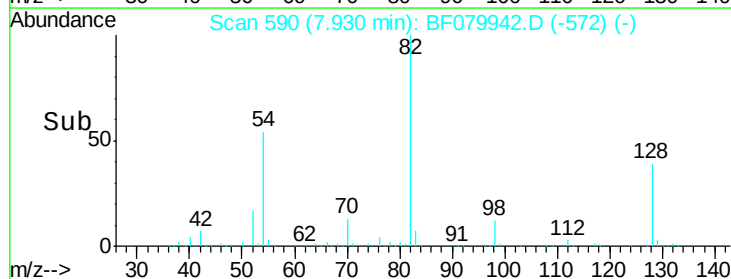
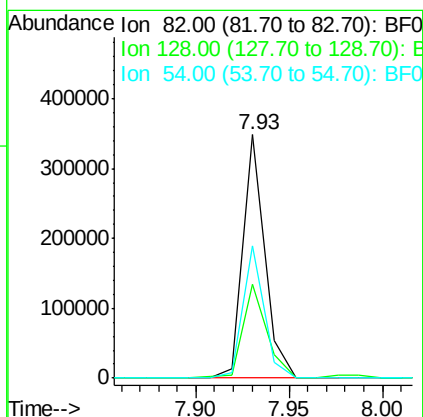
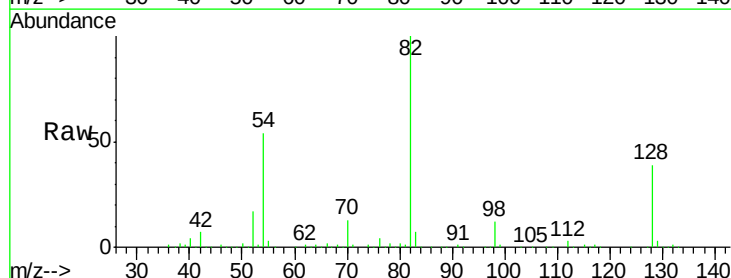
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

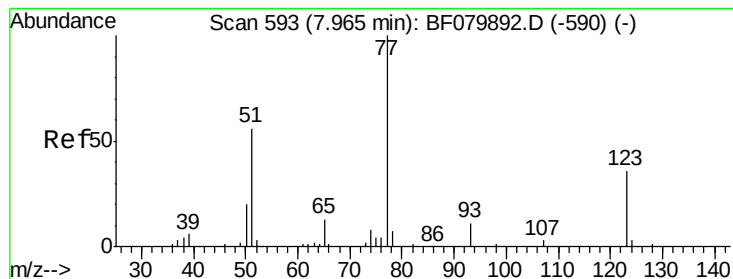
Tgt Ion:	105	Resp:	75919
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.0	1.4#
51	26.1	19.8	29.6
120	15.5	17.6	26.4#



#23
 Nitrobenzene-d5
 Concen: 133.65 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Tgt Ion:	82	Resp:	284555
Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.3	60.5#
54	54.1	38.0	57.0





#24

Nitrobenzene

Concen: 3.84 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.02 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

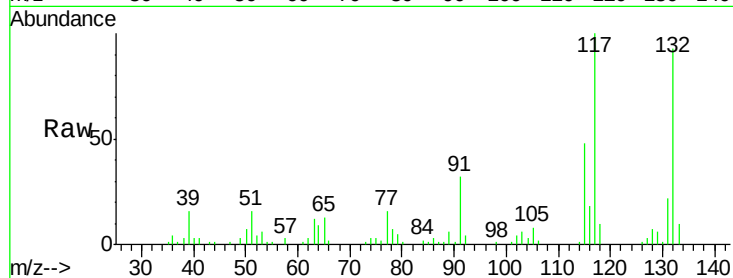
Tgt Ion: 77 Resp: 8686

Ion Ratio Lower Upper

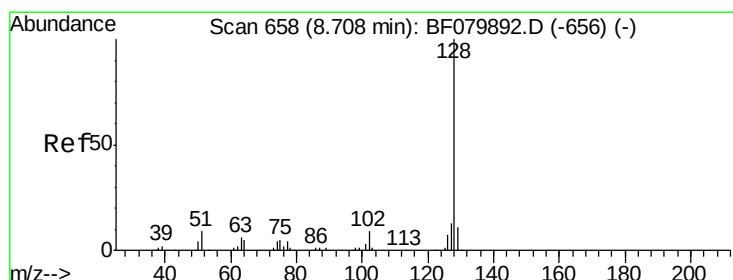
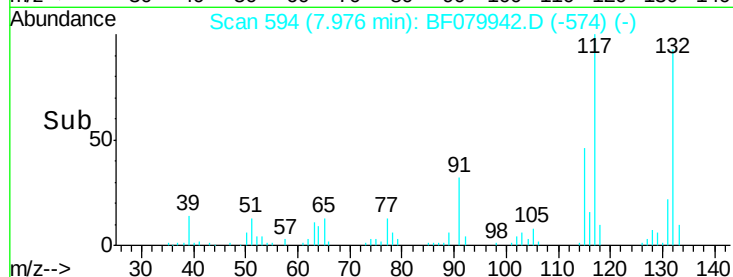
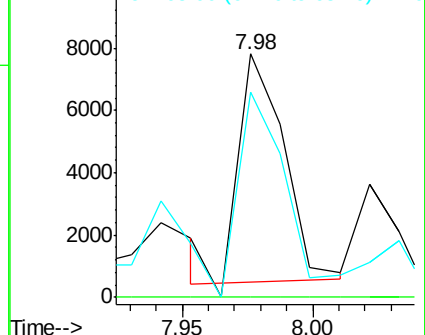
77 100

123 0.0 28.8 43.2#

65 84.3 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 1784.69 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.03 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

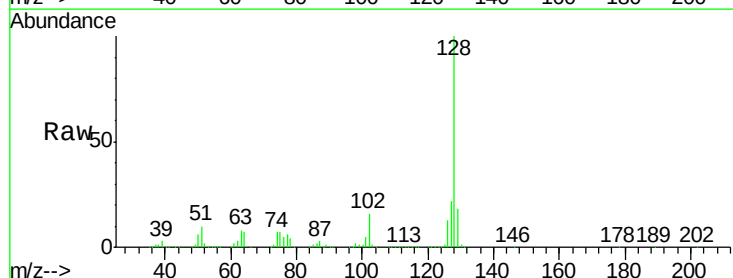
Tgt Ion: 128 Resp: 13704216

Ion Ratio Lower Upper

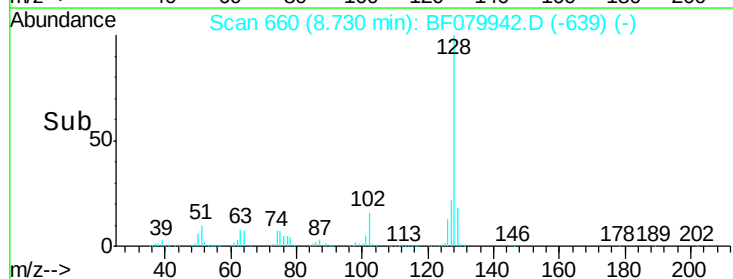
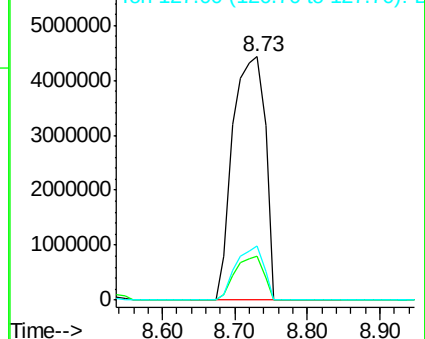
128 100

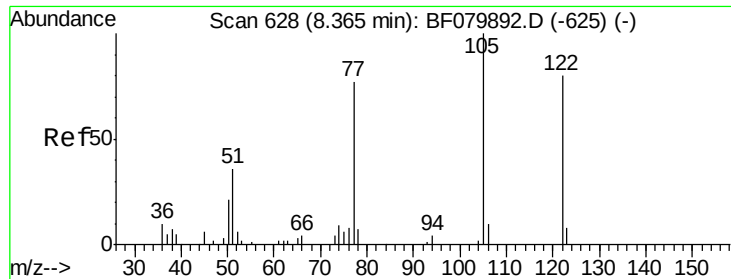
129 18.1 8.8 13.2#

127 22.2 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





#32

Benzoic acid

Concen: 9.80 ng

RT: 8.42 min Scan# 633

Delta R.T. 0.07 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

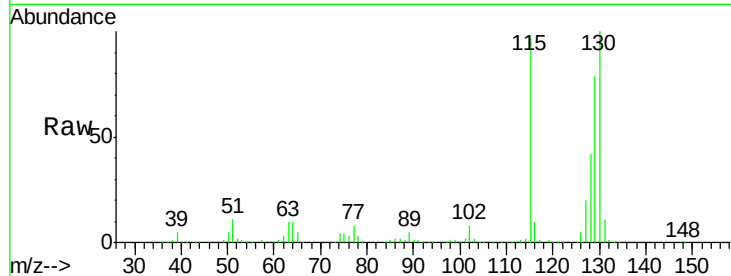
Tgt Ion:122 Resp: 1329

Ion Ratio Lower Upper

122 100

105 104.6 102.7 142.7

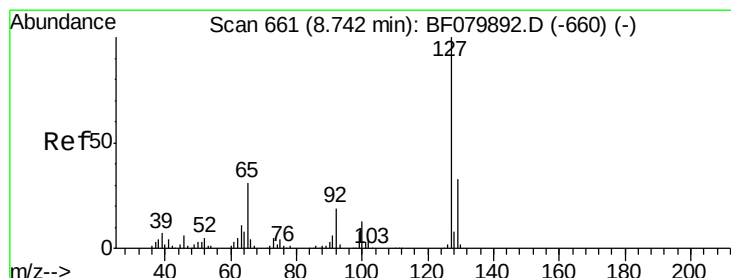
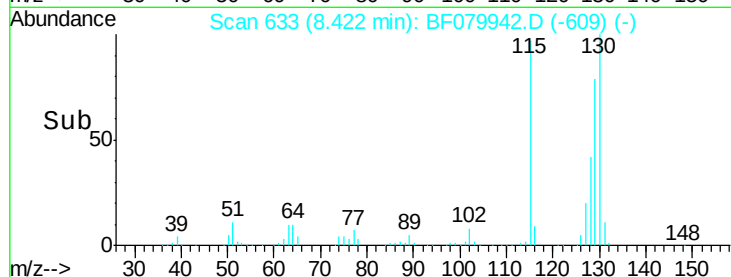
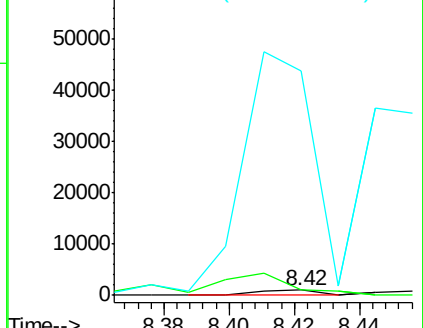
77 4385.2 77.1 117.1#



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: 886.18 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion:127 Resp: 2641271

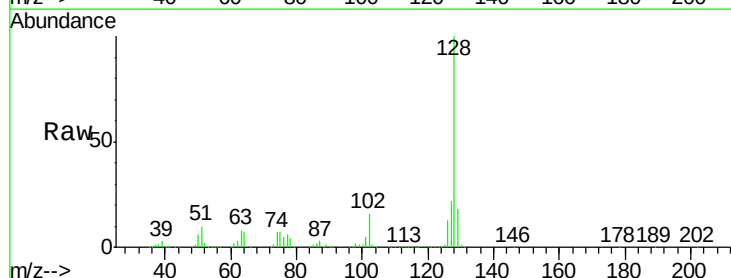
Ion Ratio Lower Upper

127 100

129 81.6 26.1 39.1#

65 0.0 25.5 38.3#

92 0.0 15.7 23.5#

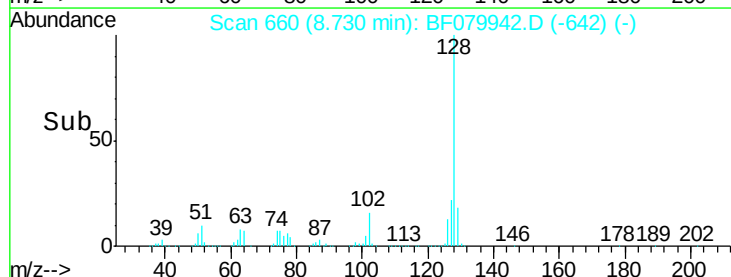
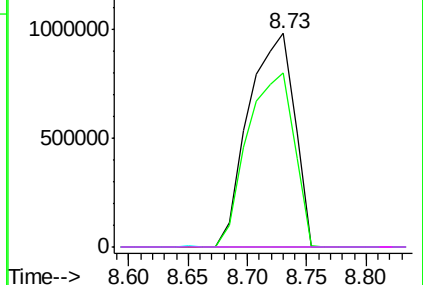


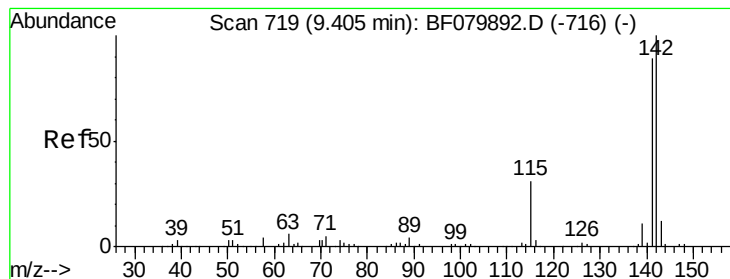
Abundance Ion 127.00 (126.70 to 127.70): E

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: 343.20 ng

RT: 9.50 min Scan# 727

Delta R.T. 0.11 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

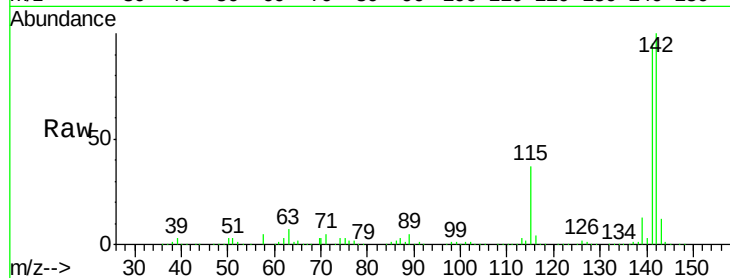
Tgt Ion:142 Resp: 1780499

Ion Ratio Lower Upper

142 100

141 94.8 70.9 106.3

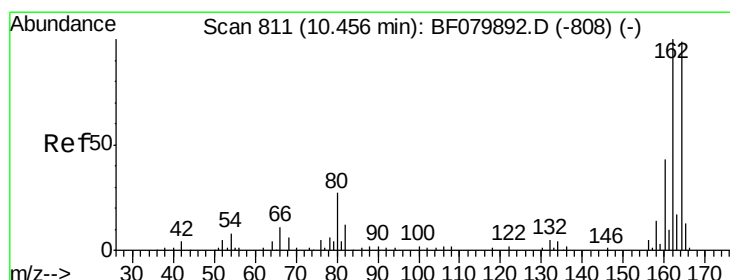
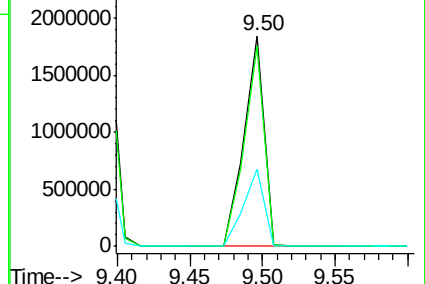
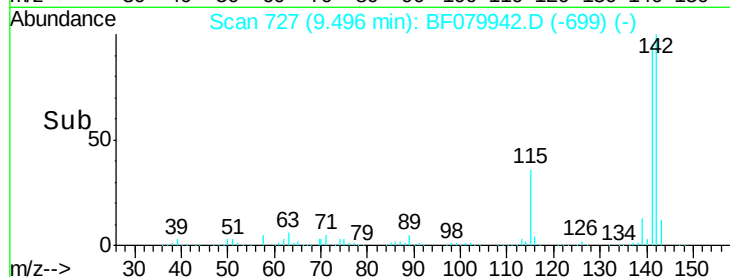
115 36.7 25.0 37.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

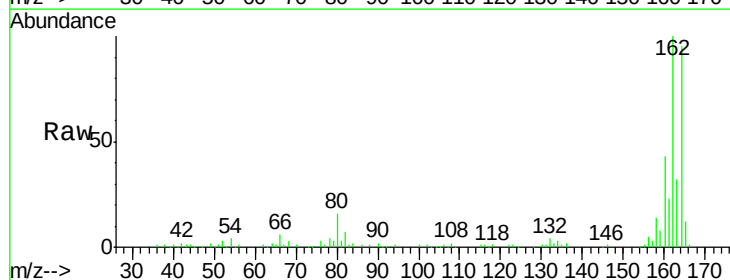
Tgt Ion:164 Resp: 94055

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

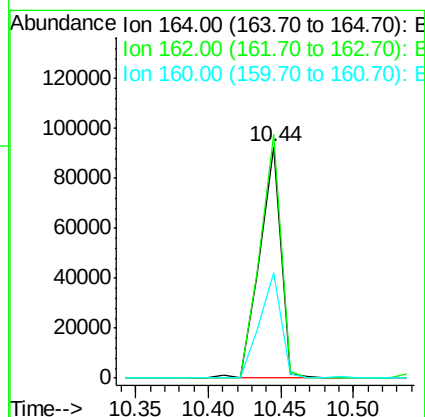
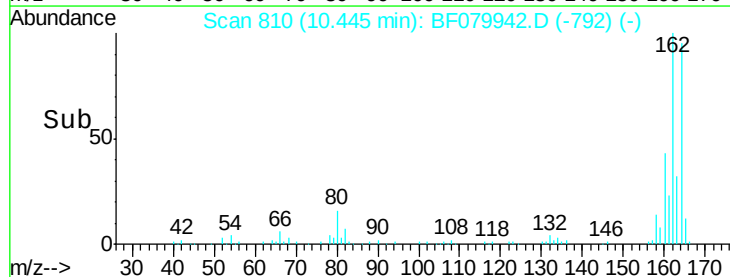
160 45.8 34.6 51.8

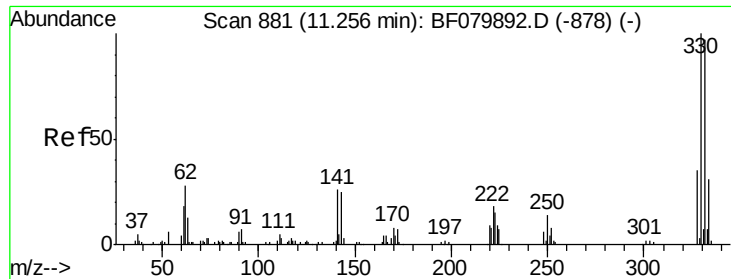


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

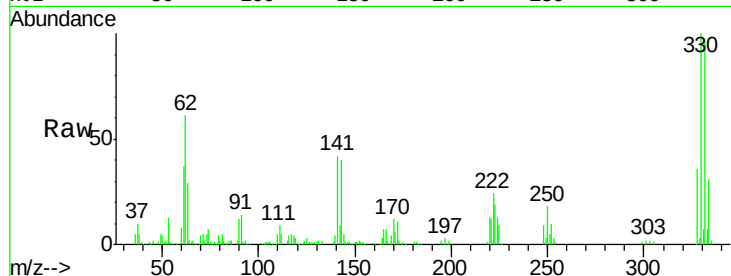




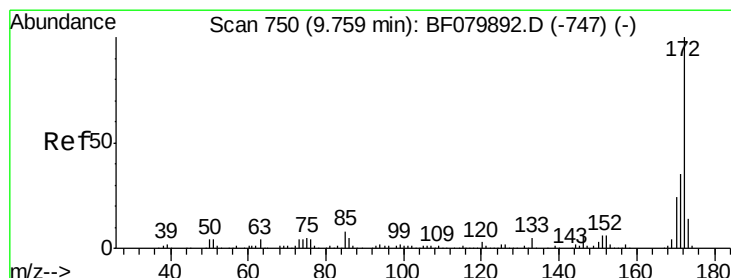
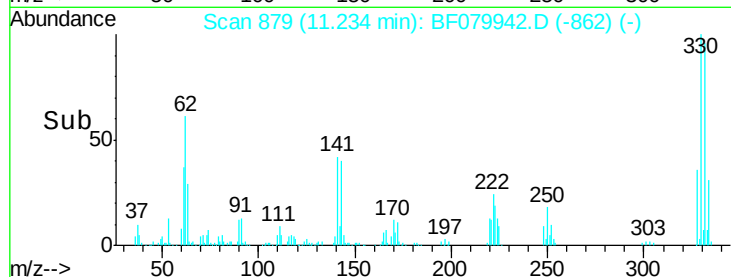
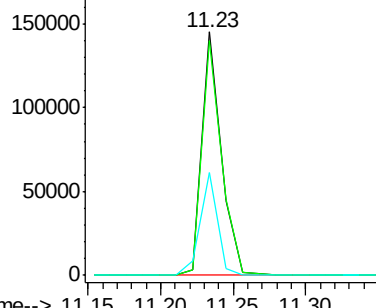
#41
 2,4,6-Tribromophenol
 Concen: 141.33 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	37.8	26.8	40.2

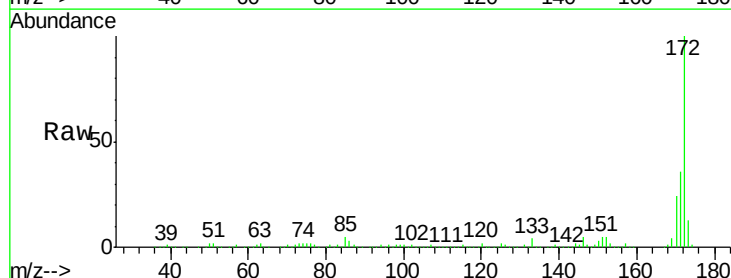


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

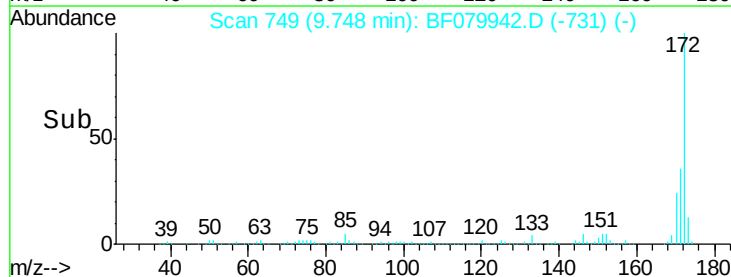
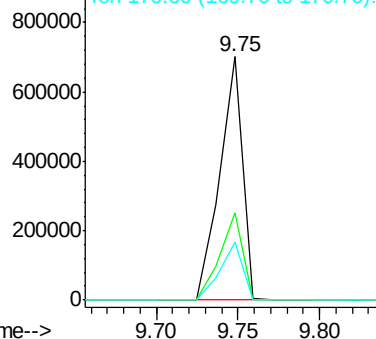


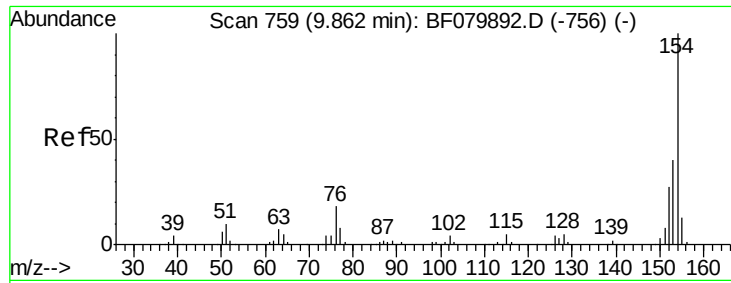
#44
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	24.0	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

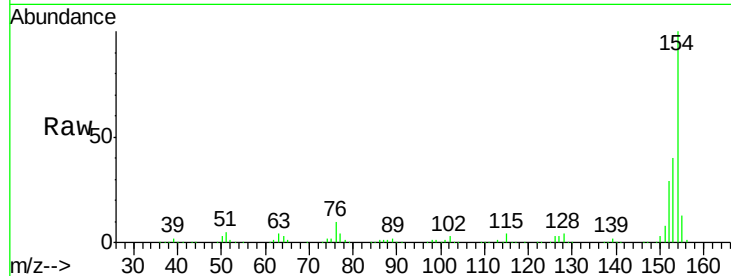




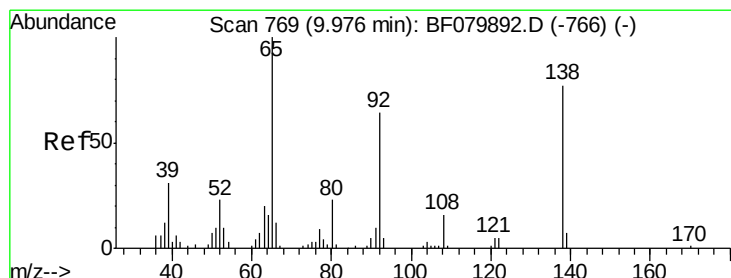
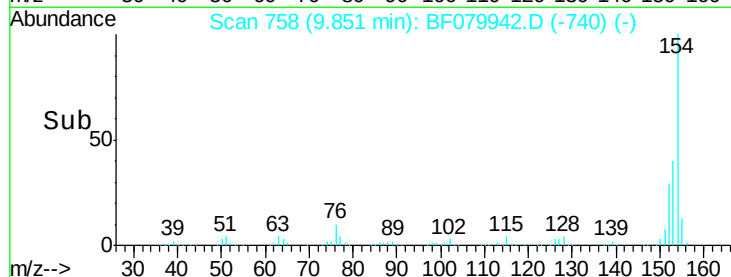
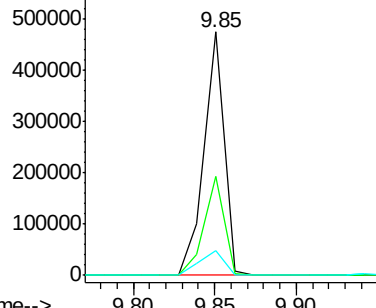
#45
 1,1'-Biphenyl
 Concen: 52.62 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:	154	Resp:	400550
Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	10.2	0.0	38.4

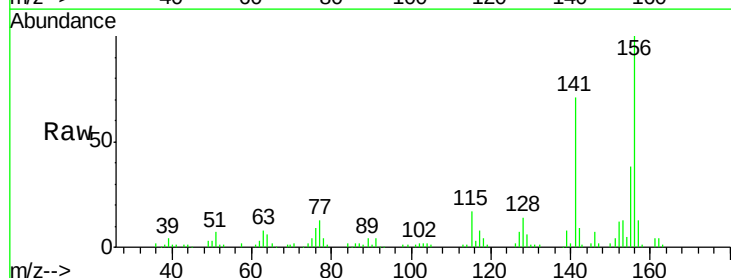


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

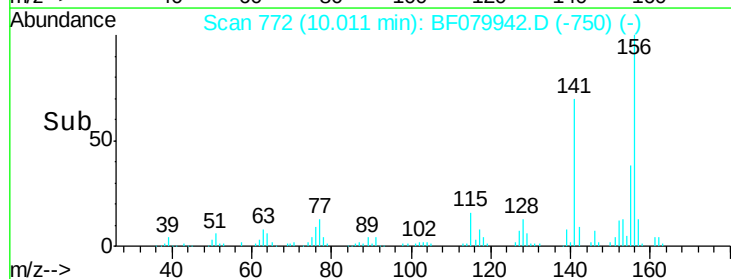
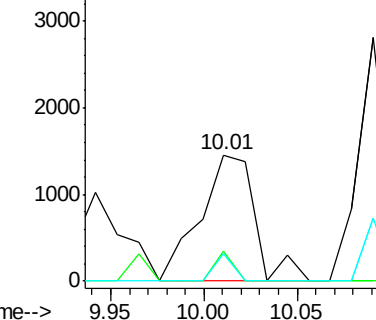


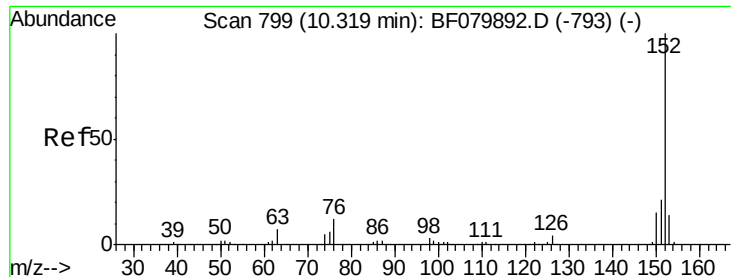
#47
 2-Nitroaniline
 Concen: 6.24 ng
 RT: 10.01 min Scan# 772
 Delta R.T. 0.05 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Tgt Ion:	65	Resp:	2990
Ion	Ratio	Lower	Upper
65	100		
92	23.7	51.1	76.7#
138	21.6	62.0	93.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 144.97 ng

RT: 10.31 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

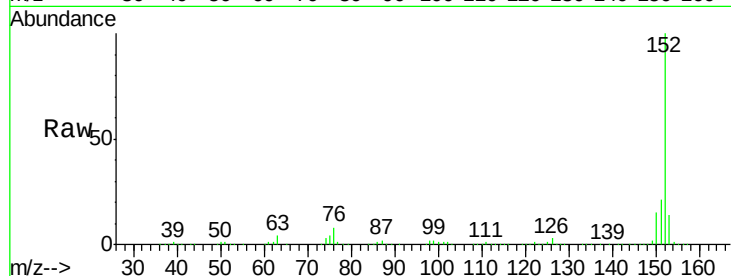
Tgt Ion:152 Resp: 1585948

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

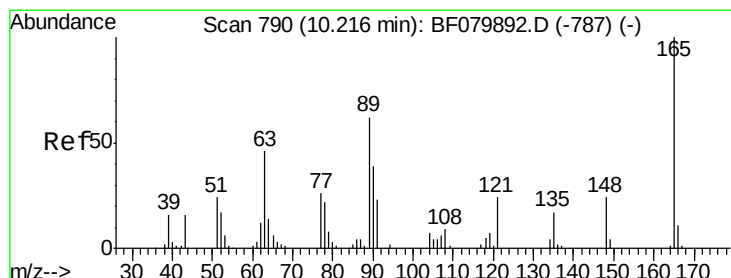
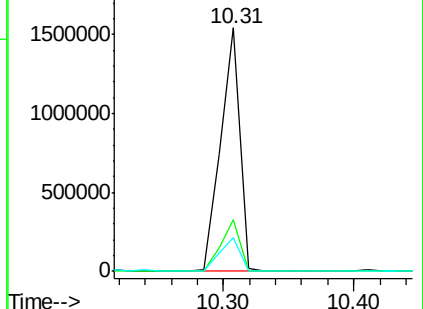
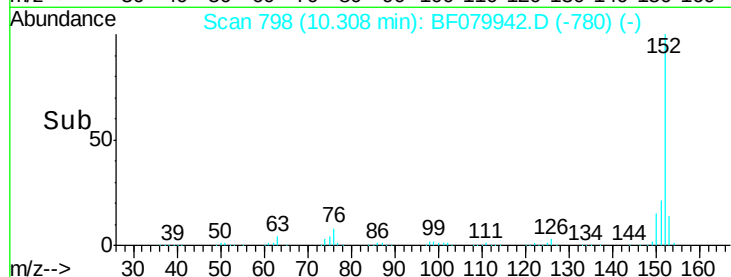
153 14.0 10.8 16.2



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



#50

2,6-Dinitrotoluene

Concen: 5.68 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.08 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

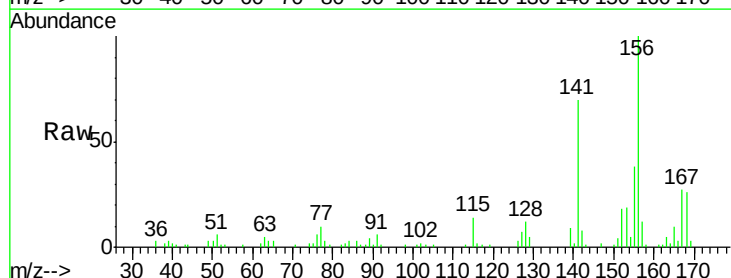
Tgt Ion:165 Resp: 3878

Ion Ratio Lower Upper

165 100

63 51.7 46.4 69.6

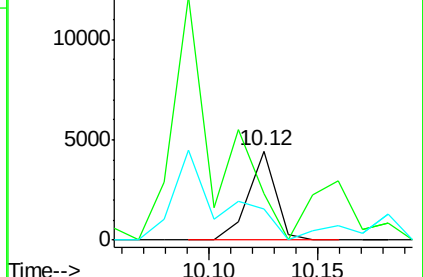
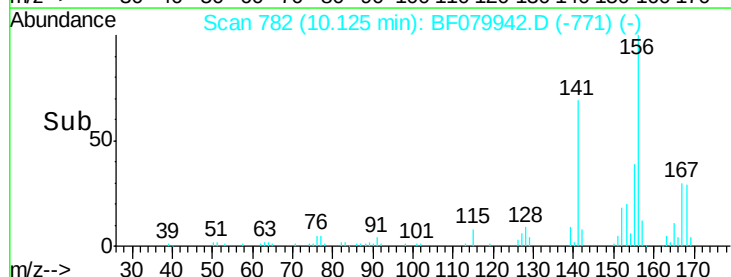
89 35.1 49.6 74.4#

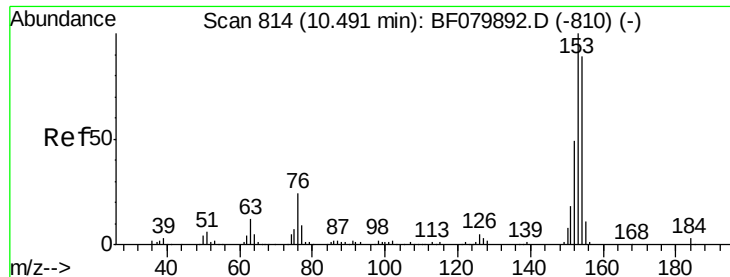


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 14.66 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

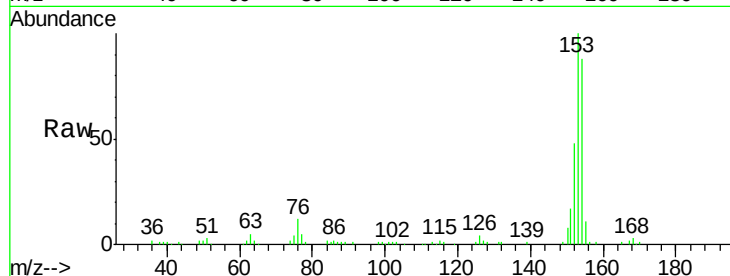
Tgt Ion:154 Resp: 91171

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

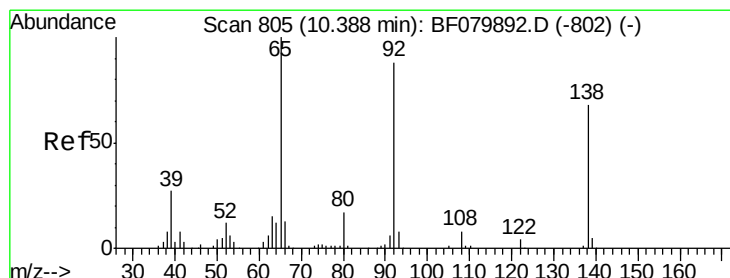
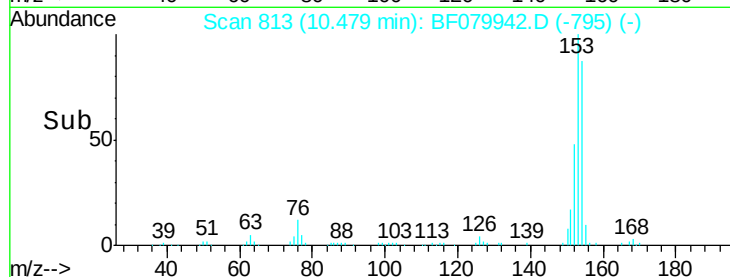
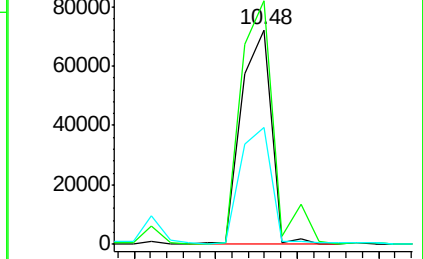
152 54.6 43.7 65.5



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



#52

3-Nitroaniline

Concen: 3.00 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.08 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

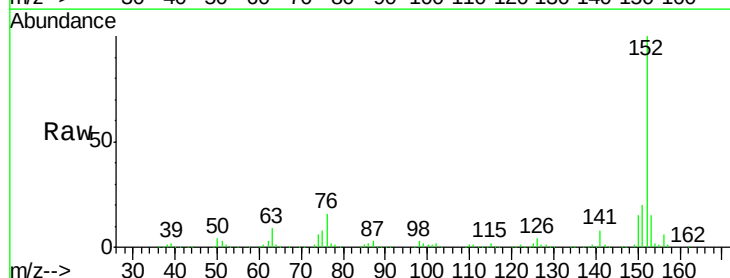
Tgt Ion:138 Resp: 208

Ion Ratio Lower Upper

138 100

108 0.0 9.0 13.6#

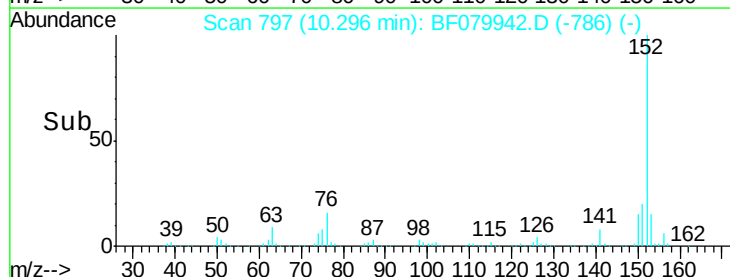
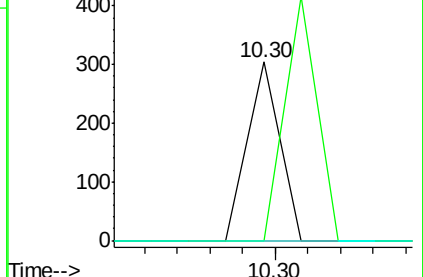
92 0.0 103.1 154.7#

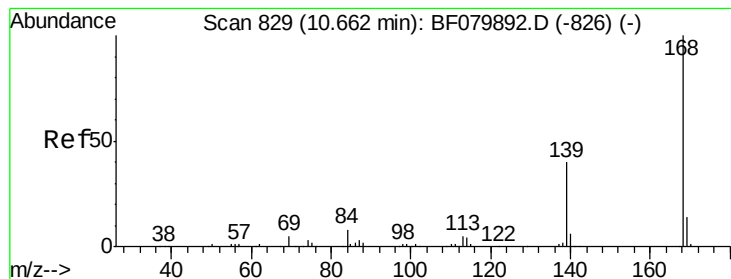


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 2.77 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

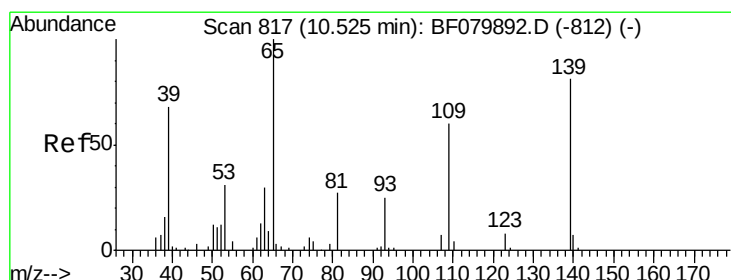
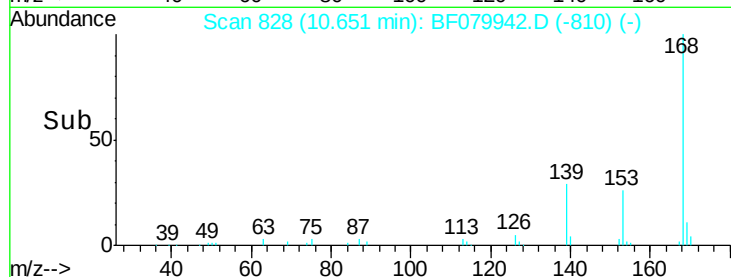
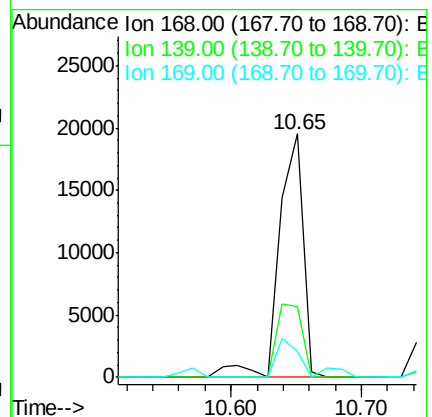
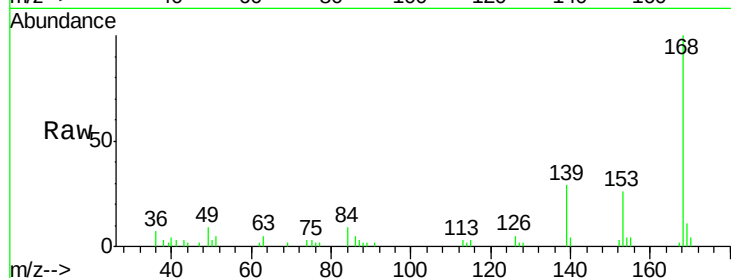
Tgt Ion:168 Resp: 25146

Ion Ratio Lower Upper

168 100

139 29.1 32.2 48.2#

169 10.8 11.0 16.6#



#55

4-Nitrophenol

Concen: 3.38 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

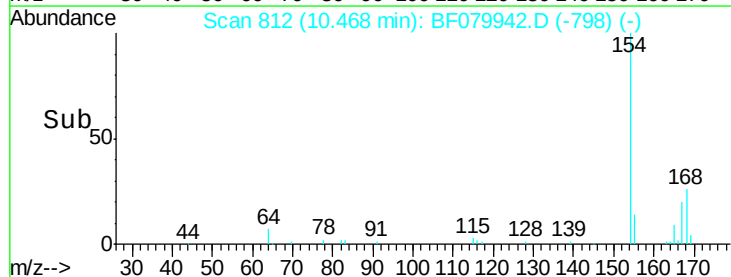
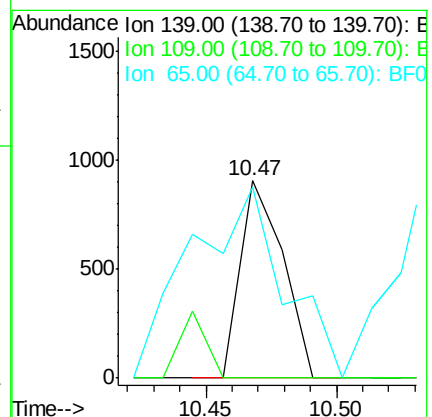
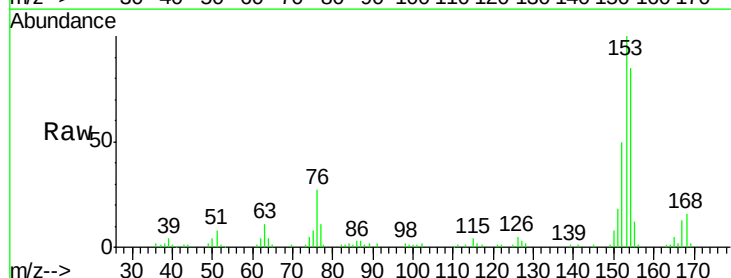
Tgt Ion:139 Resp: 1024

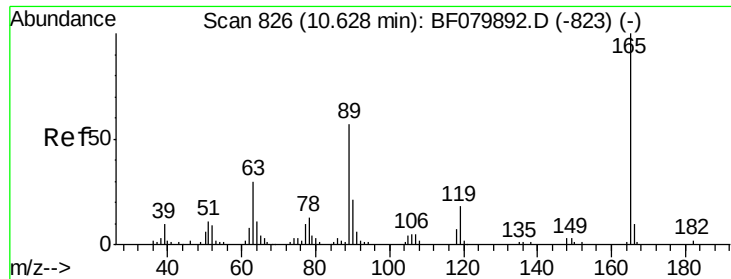
Ion Ratio Lower Upper

139 100

109 0.0 54.8 94.8#

65 96.9 104.8 144.8#





#56

2,4-Dinitrotoluene

Concen: 5.40 ng

RT: 10.60 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

Tgt Ion:165 Resp: 1210

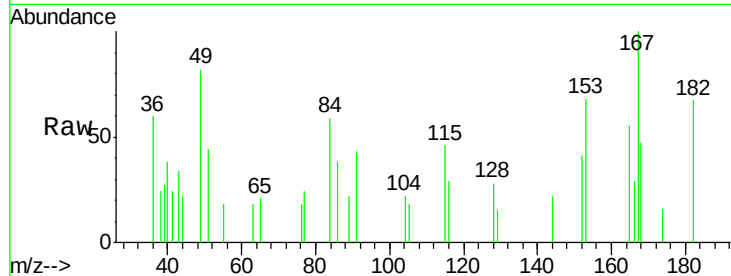
Ion Ratio Lower Upper

165 100

63 32.4 24.3 36.5

89 40.0 45.4 68.2#

182 122.5 1.8 2.8#

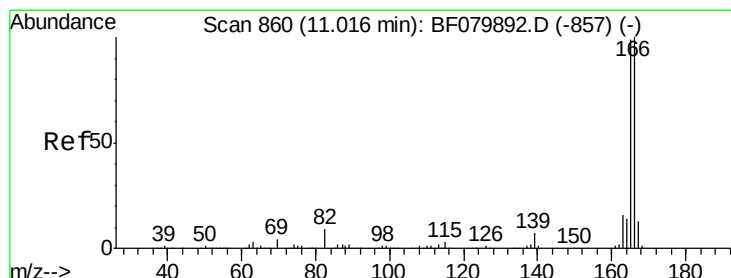
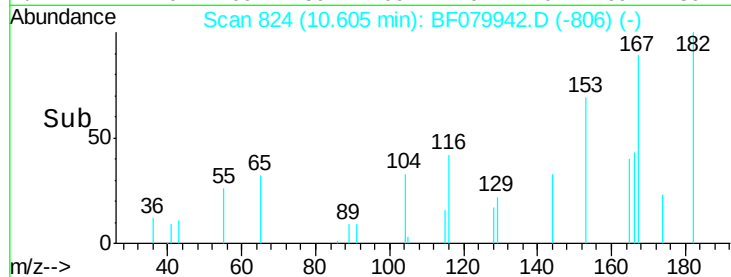
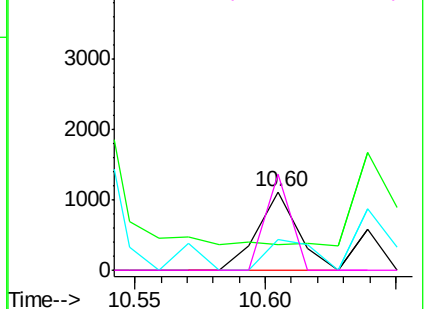


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 17.05 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

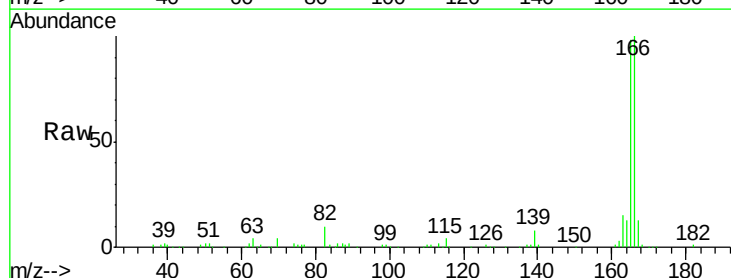
Tgt Ion:166 Resp: 135026

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

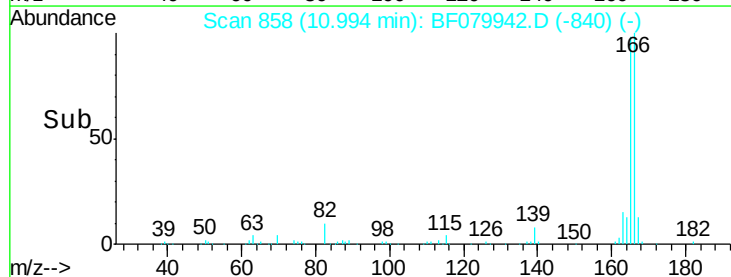
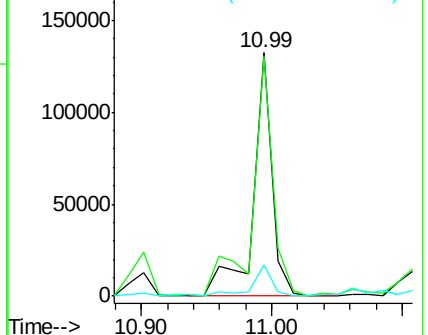
167 12.9 10.3 15.5

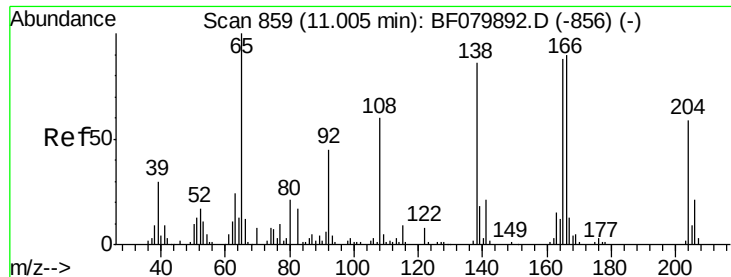


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

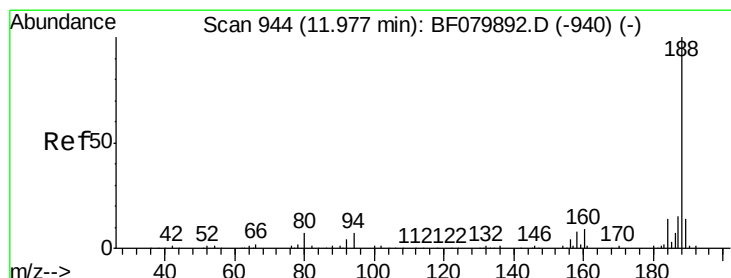
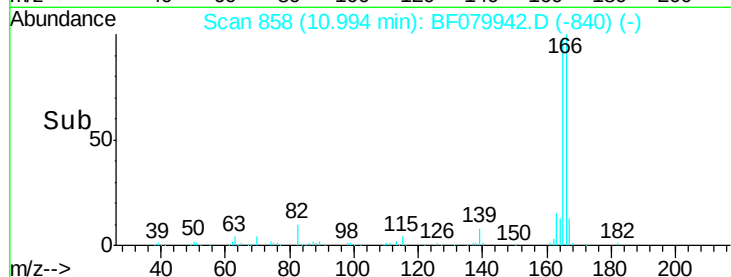
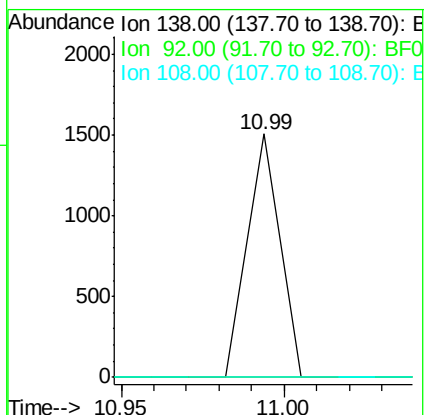
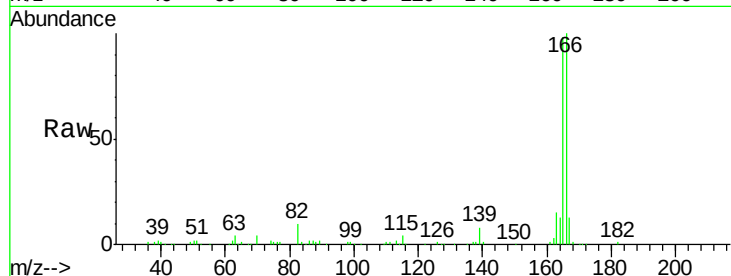




#61
4-Nitroaniline
Concen: 3.67 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

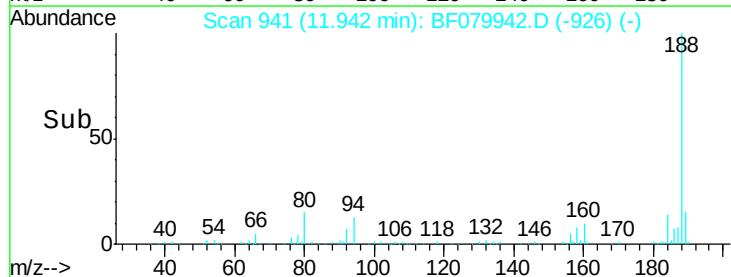
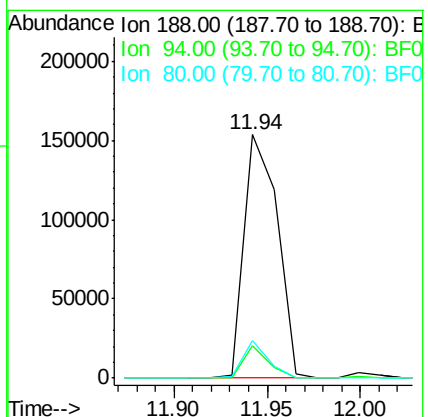
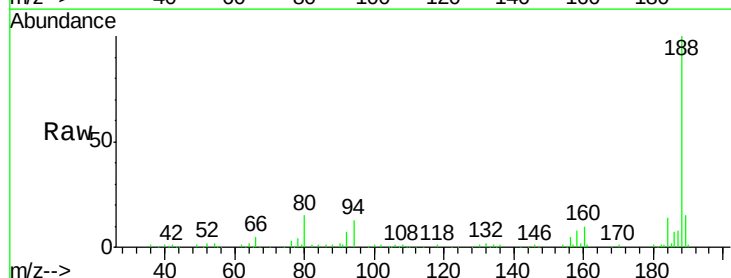
Instrument :
BNA_F
ClientSampleId :
MW-16

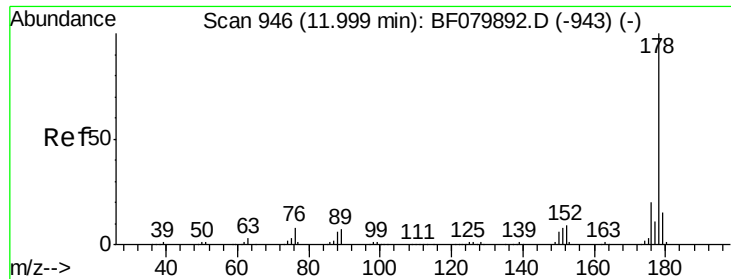
Tgt Ion:138 Resp: 1034
Ion Ratio Lower Upper
138 100
92 0.0 32.9 72.9#
108 0.0 50.4 90.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion:188 Resp: 190189
Ion Ratio Lower Upper
188 100
94 13.3 5.8 8.8#
80 15.4 5.9 8.9#

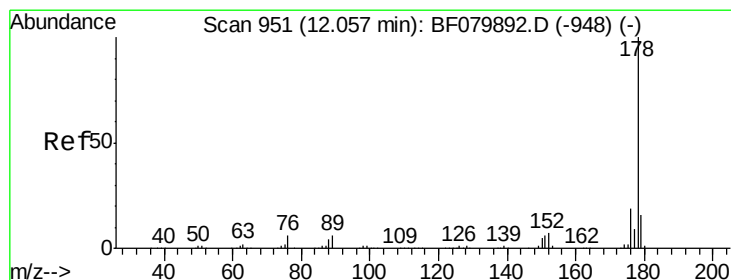
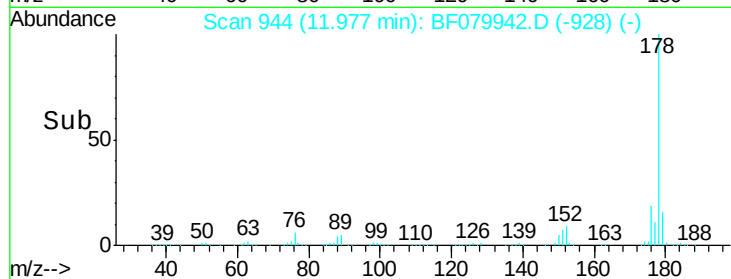
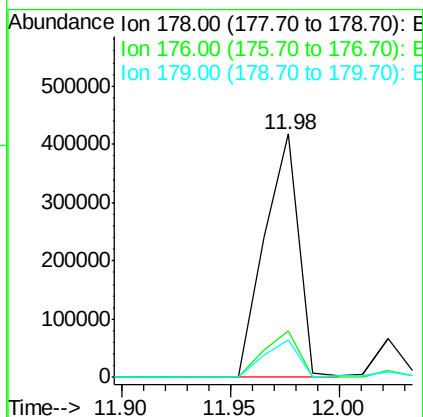
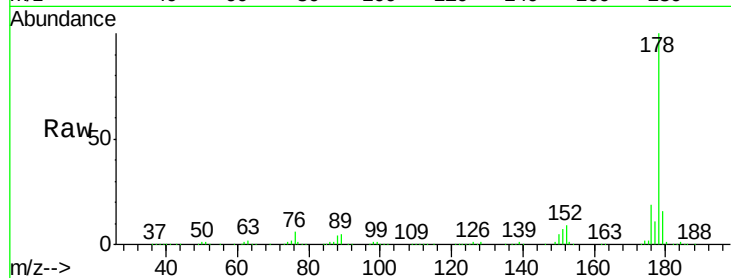




#70
Phenanthrene
Concen: 40.56 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

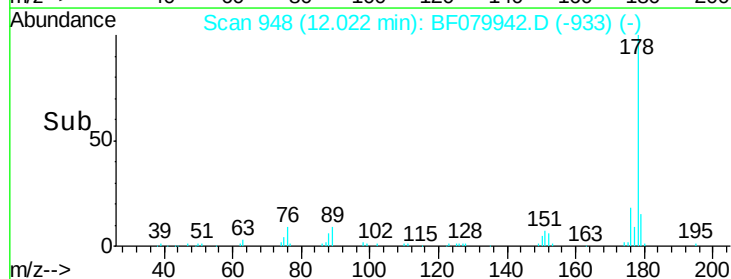
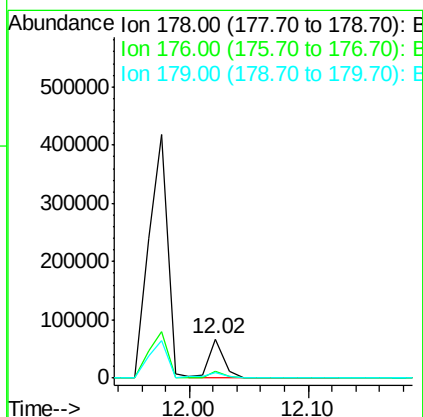
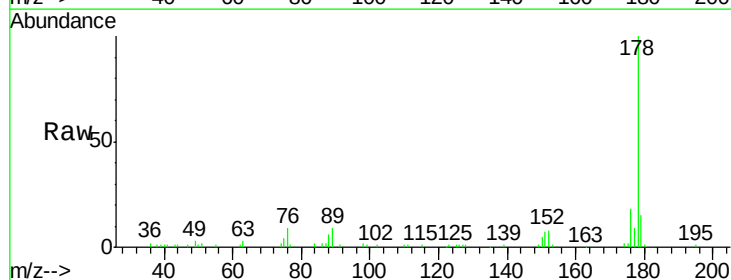
Instrument :
BNA_F
ClientSampleId :
MW-16

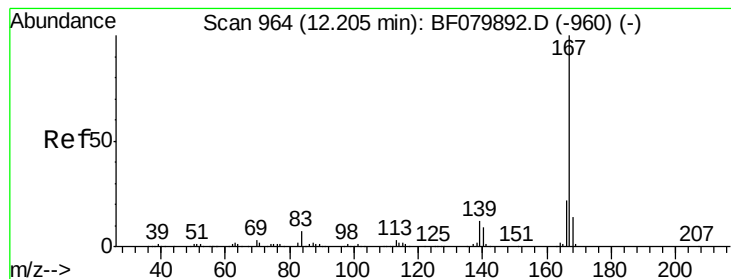
Tgt Ion:178 Resp: 459694
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.5 12.3 18.5



#71
Anthracene
Concen: 5.43 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion:178 Resp: 59608
Ion Ratio Lower Upper
178 100
176 17.7 15.2 22.8
179 14.9 12.5 18.7





#72

Carbazole

Concen: 5.03 ng

RT: 12.17 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

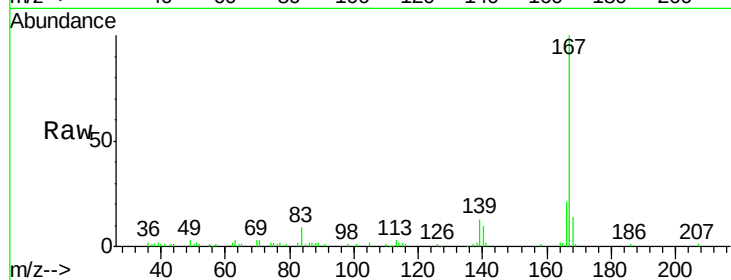
Tgt Ion:167 Resp: 53476

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.2

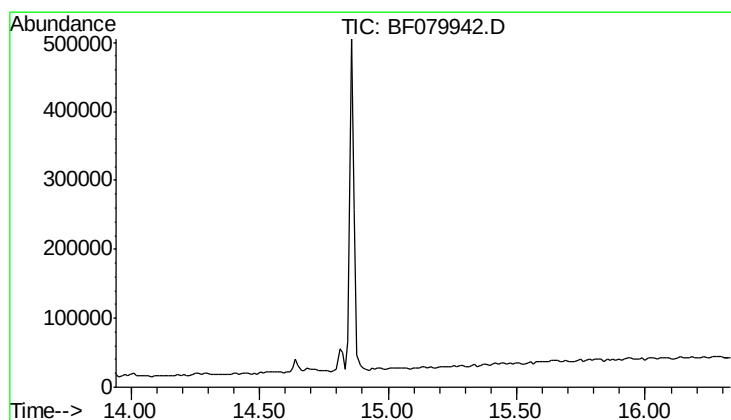
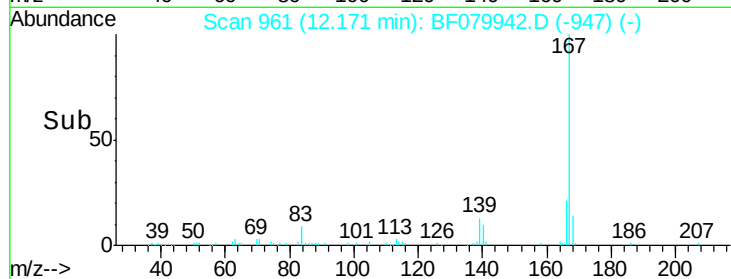
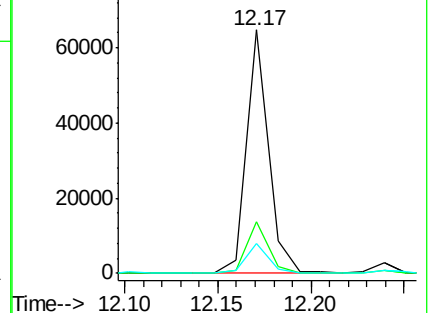
139 12.5 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 15.14 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

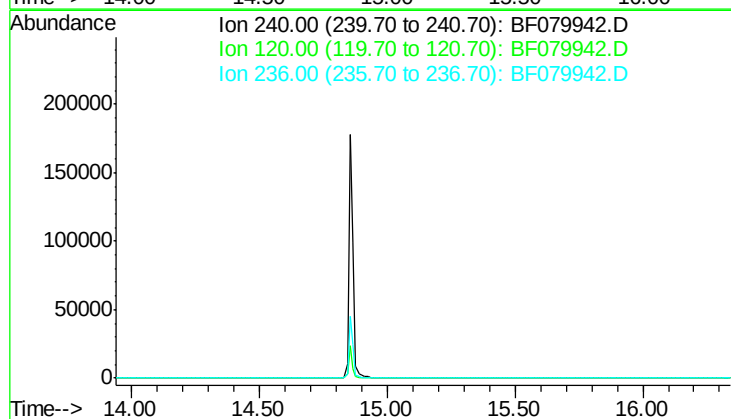
Tgt Ion: 240

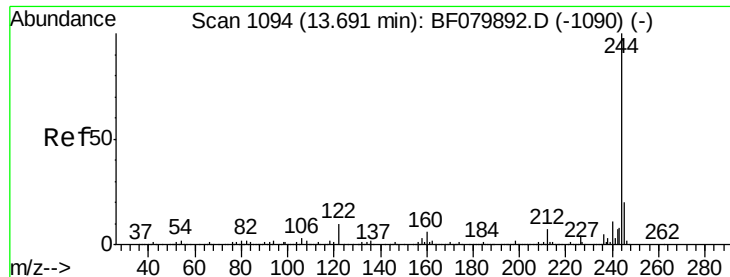
Sig Exp Ratio

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: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MW-16

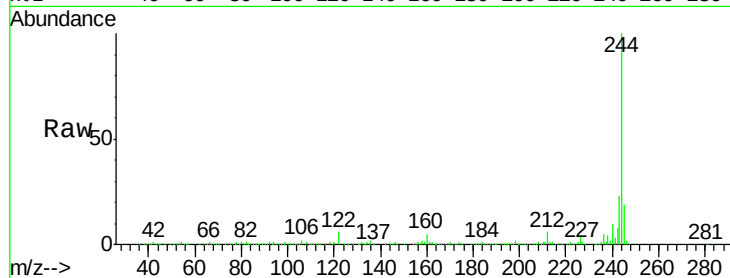
Tgt Ion: 244 Resp: 909814

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

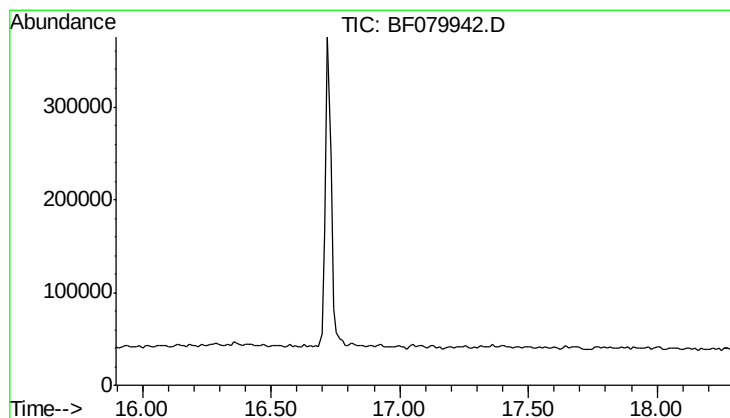
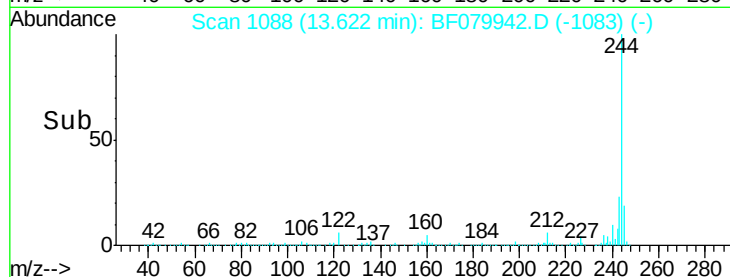
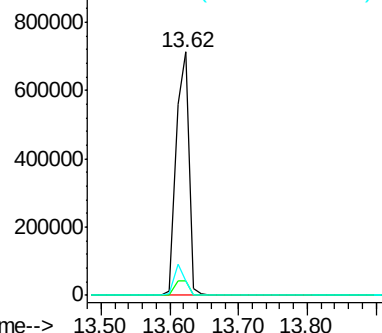
122 6.2 7.8 11.8#



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

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.10 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.1

265 21.3

