

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079968.D
 Acq On : 13 Jun 2015 9:41
 Operator : TP/IZ
 Sample : G2522-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Quant Time: Jun 15 00:56:40 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	52913	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	123730	20.00	ng	0.01
38) Acenaphthene-d10	10.44	164	112836	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	221672	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	16.97	264	268	20.00	ng	-0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	173918	60.27	ng	0.00
7) Phenol-d6	6.98	99	166428	42.33	ng	0.01
23) Nitrobenzene-d5	7.93	82	325090	173.35	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	146583	129.00	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	813055	100.90	ng	0.00
78) Terphenyl-d14	13.62	244	1006691	0.00	ng	-0.15

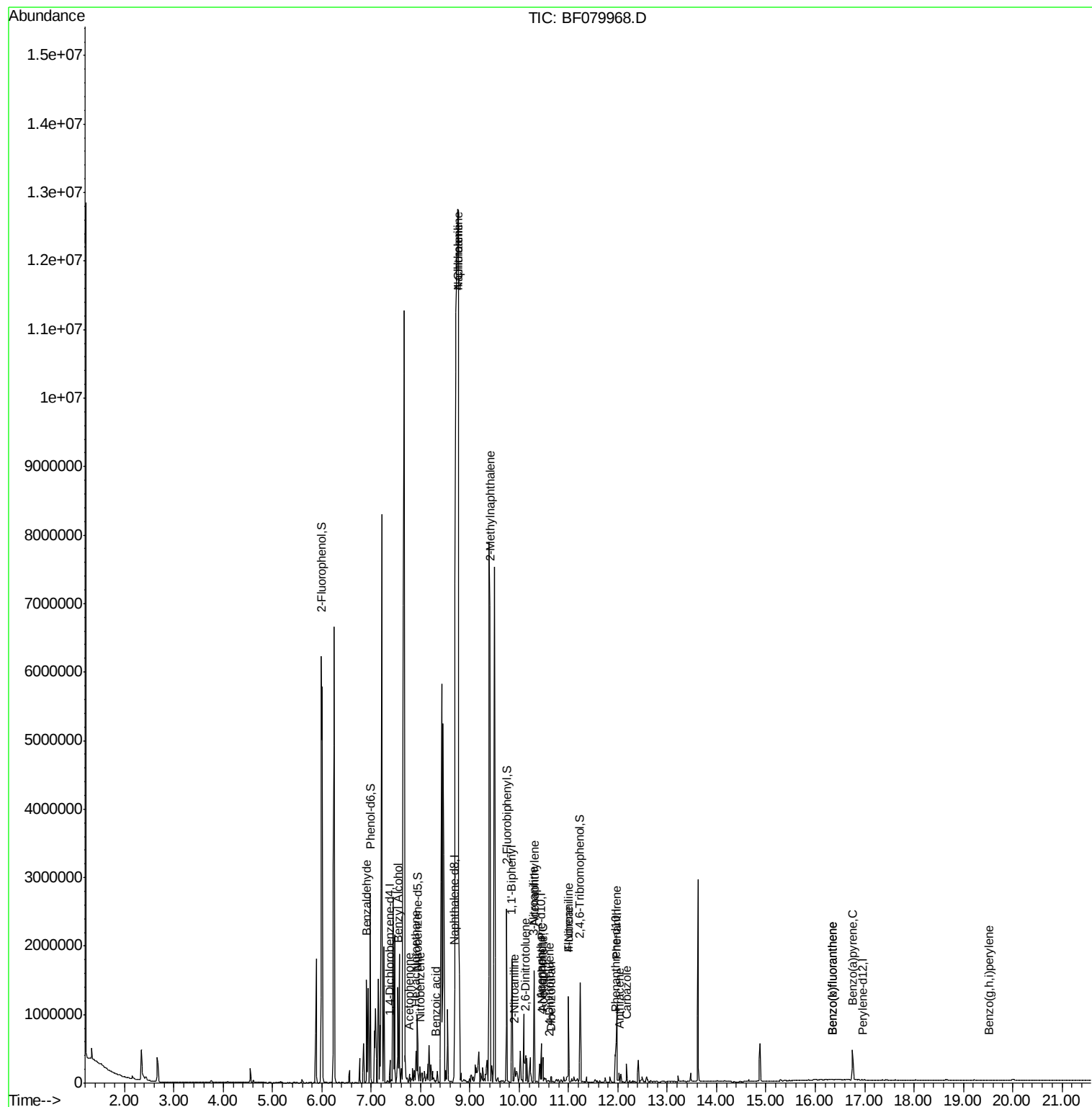
Target Compounds						Qvalue
9) Benzaldehyde	6.90	77	82070	36.32	ng	# 1
15) Benzyl Alcohol	7.54	79	11229	3.56	ng	# 37
18) Hexachloroethane	7.91	117	87518	66.51	ng	# 1
22) Acetophenone	7.77	105	39916	13.66	ng	# 79
24) Nitrobenzene	7.99	77	7342	3.68	ng	# 6
31) Naphthalene	8.76	128	20635745	3051.12	ng	# 73
32) Benzoic acid	8.31	122	2018	10.72	ng	# 70
33) 4-Chloroaniline	8.76	127	4533656	1726.98	ng	# 37
37) 2-Methylnaphthalene	9.40	142	3260639	713.58	ng	96
45) 1,1'-Biphenyl	9.85	154	522485	57.22	ng	95
47) 2-Nitroaniline	9.91	65	5072	7.05	ng	# 14
48) Acenaphthylene	10.31	152	924675	70.46	ng	99
50) 2,6-Dinitrotoluene	10.12	165	5147	5.96	ng	# 78
51) Acenaphthene	10.48	154	113503	15.22	ng	99
52) 3-Nitroaniline	10.30	138	270	3.01	ng	# 45
54) Dibenzofuran	10.65	168	35358	3.24	ng	90
55) 4-Nitrophenol	10.47	139	1496	3.56	ng	# 46
56) 2,4-Dinitrotoluene	10.60	165	1472	5.41	ng	# 76
57) Fluorene	10.99	166	355874	37.46	ng	98
61) 4-Nitroaniline	10.99	138	3540	4.69	ng	# 19
70) Phenanthrene	11.98	178	516975	39.13	ng	100
71) Anthracene	12.02	178	59865	4.68	ng	98
72) Carbazole	12.17	167	94046	7.58	ng	98
87) Benzo(b)fluoranthene	16.34	252	944	57.49	ng	# 60
88) Benzo(k)fluoranthene	16.34	252	944	56.37	ng	# 60
89) Benzo(a)pyrene	16.75	252	1254	80.30	ng	# 60
91) Benzo(g,h,i)perylene	19.53	276	206	12.97	ng	# 51

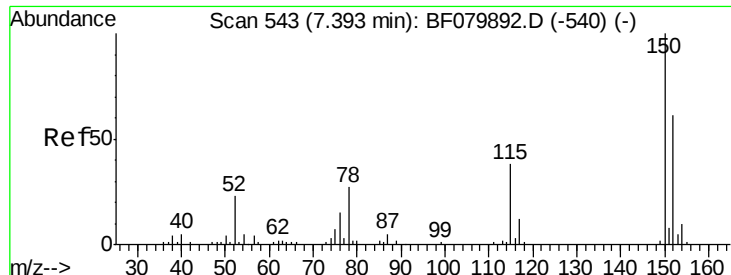
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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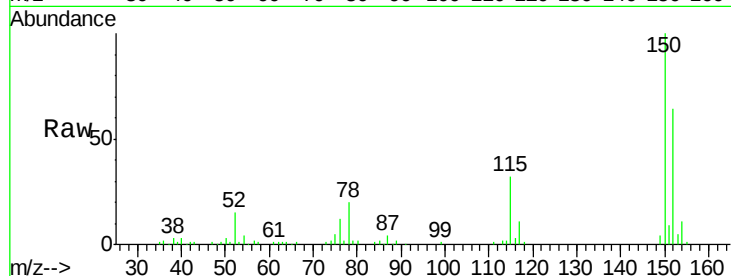


#1

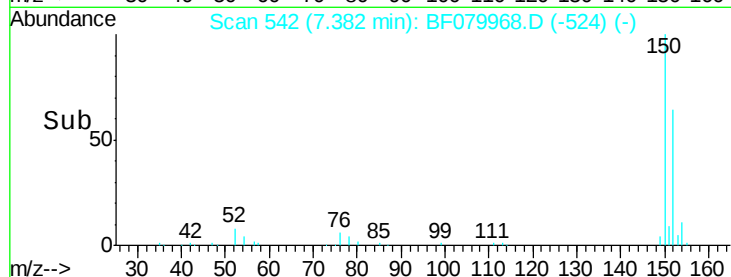
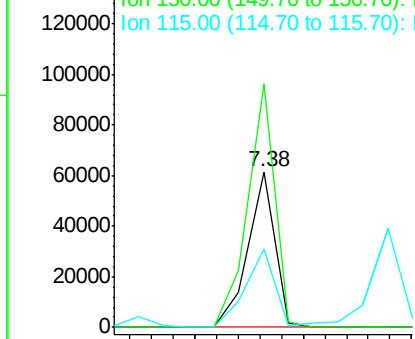
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:152 Resp: 52913
Ion Ratio Lower Upper
152 100
150 156.8 131.0 196.4
115 50.1 49.8 74.6



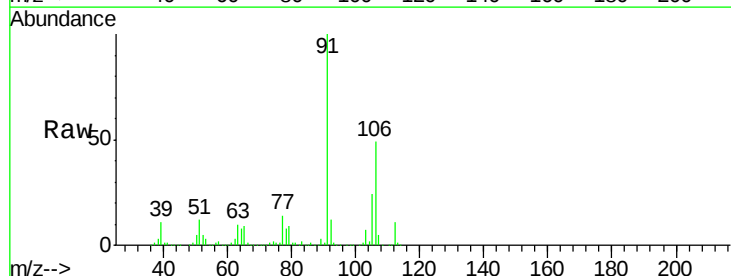
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



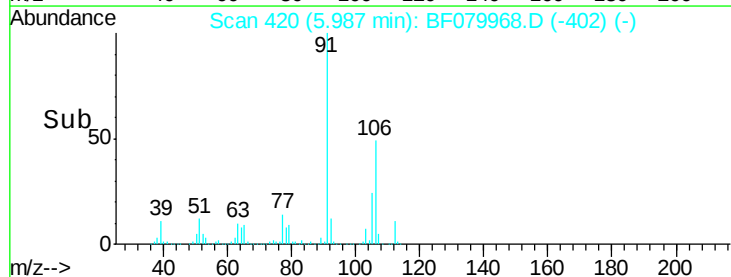
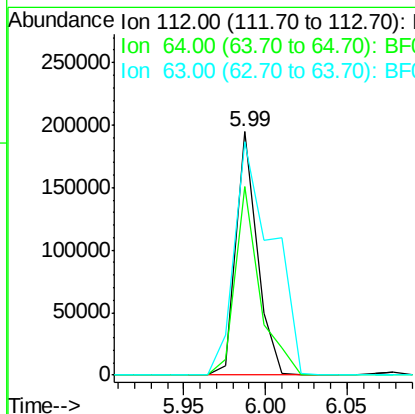
#5

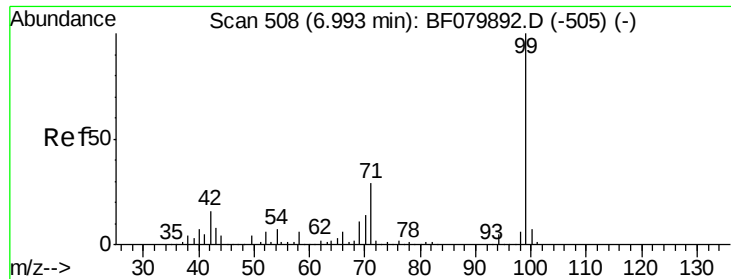
2-Fluorophenol
Concen: 60.27 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:112 Resp: 173918
Ion Ratio Lower Upper
112 100
64 77.6 54.5 81.7
63 95.7 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: 42.33 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

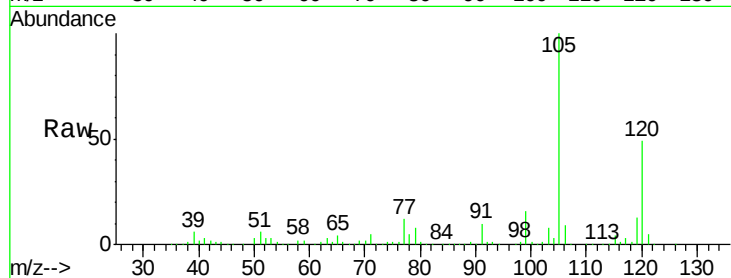
Tgt Ion: 99 Resp: 166428

Ion Ratio Lower Upper

99 100

42 14.0 12.9 19.3

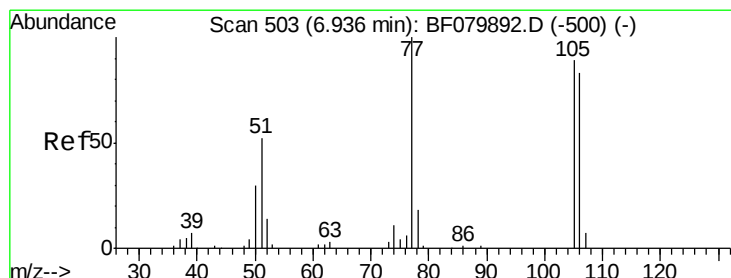
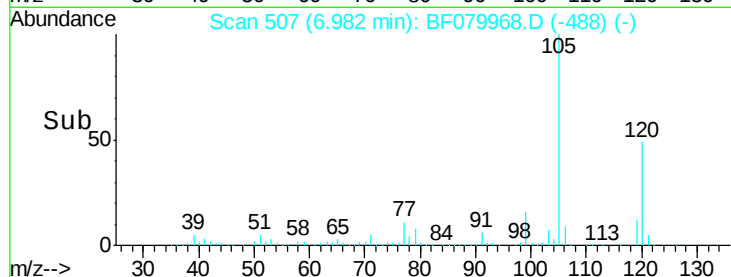
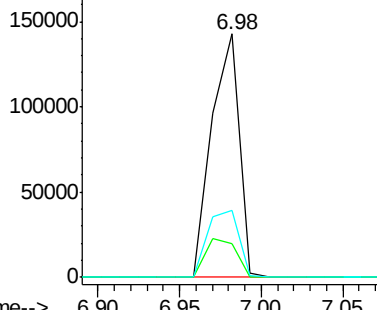
71 27.5 23.4 35.2



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: 36.32 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

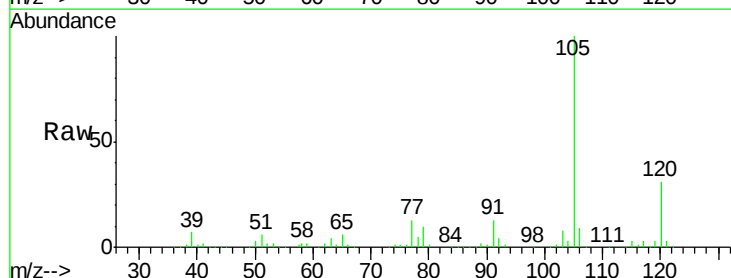
Tgt Ion: 77 Resp: 82070

Ion Ratio Lower Upper

77 100

105 753.9 68.6 108.6#

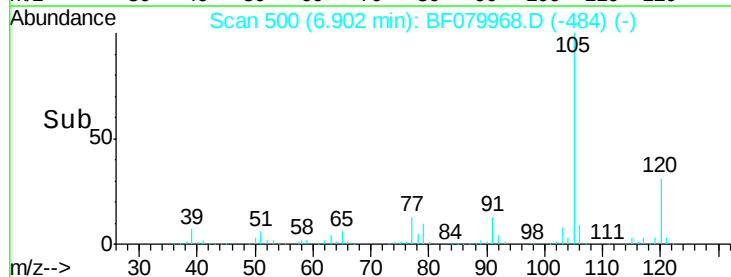
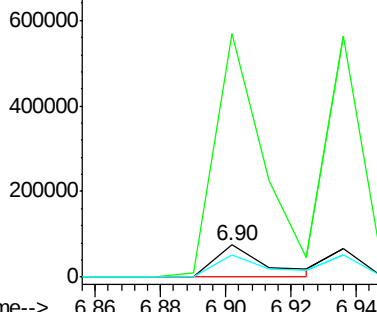
106 69.5 63.3 103.3

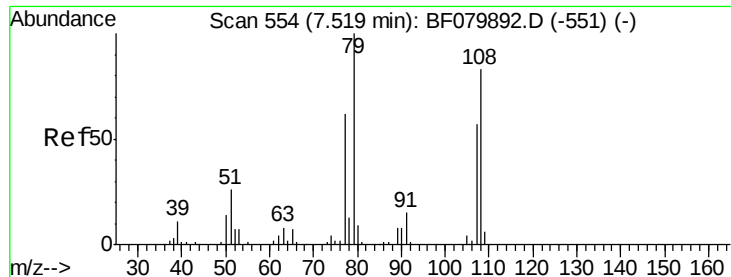


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.56 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.05 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampled :

MW-11C

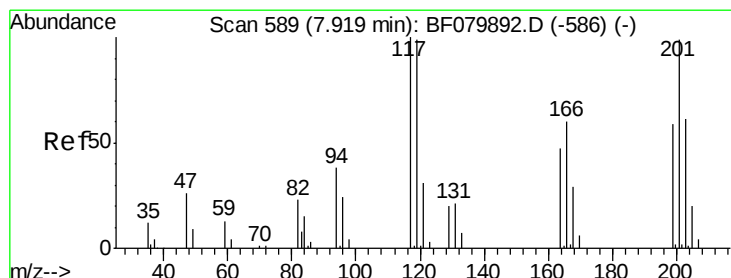
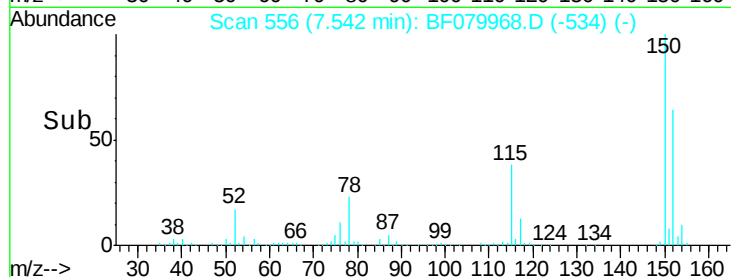
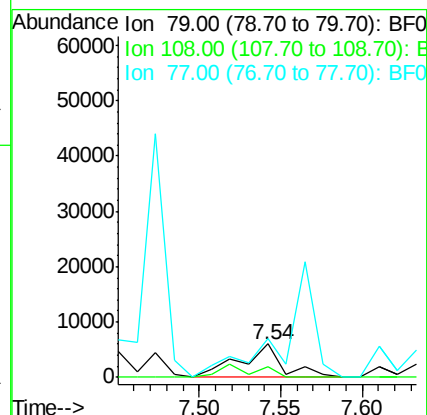
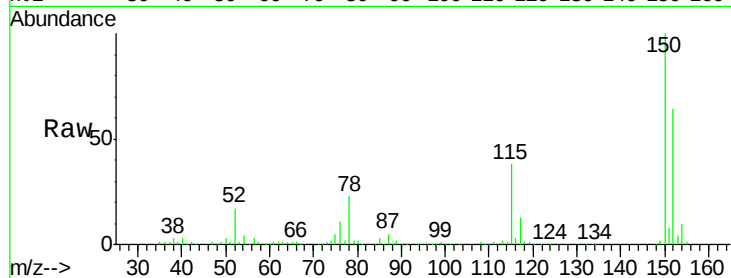
Tgt Ion: 79 Resp: 11229

Ion Ratio Lower Upper

79 100

108 33.4 66.4 99.6#

77 117.5 49.4 74.0#



#18

Hexachloroethane

Concen: 66.51 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

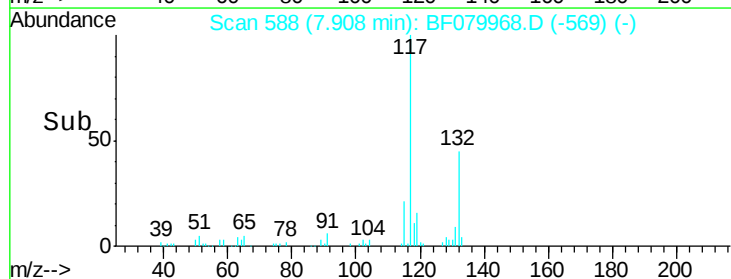
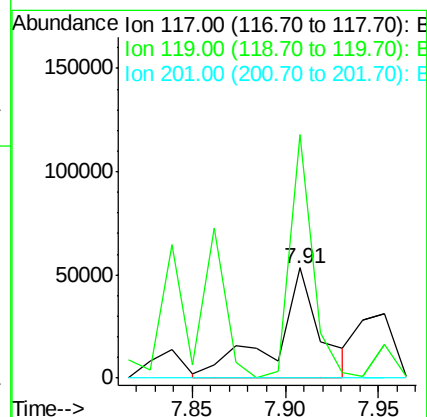
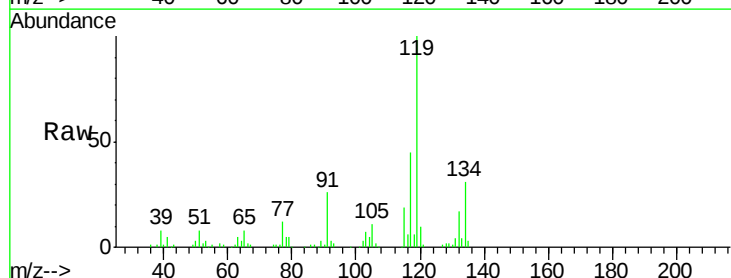
Tgt Ion: 117 Resp: 87518

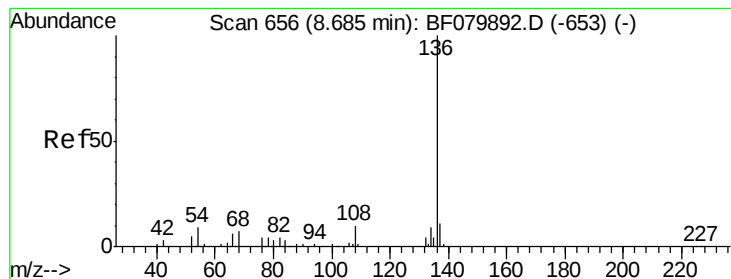
Ion Ratio Lower Upper

117 100

119 221.4 79.0 118.6#

201 0.0 79.0 118.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

Tgt Ion:136 Resp: 123730

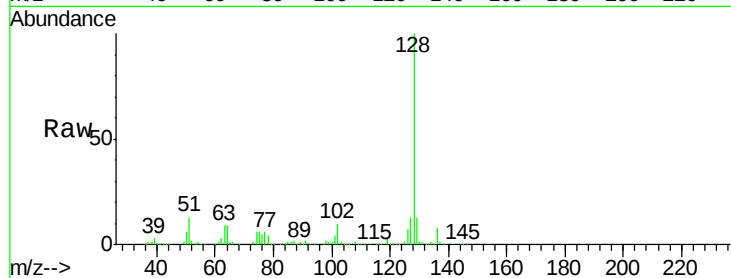
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 7.3 10.9

68 6.2 5.9 8.9

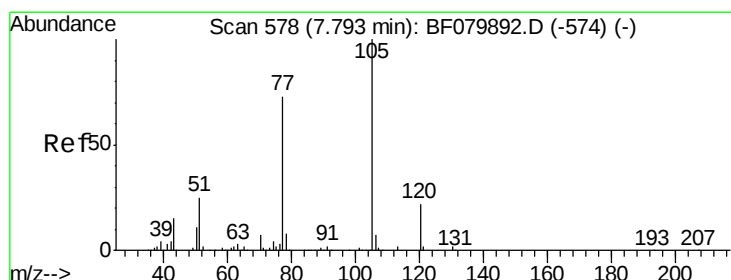
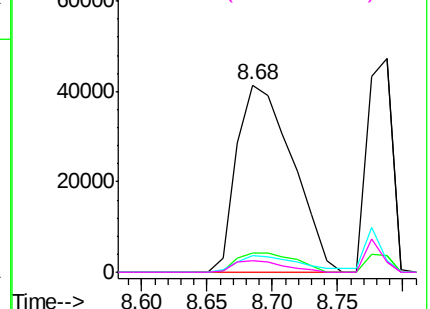
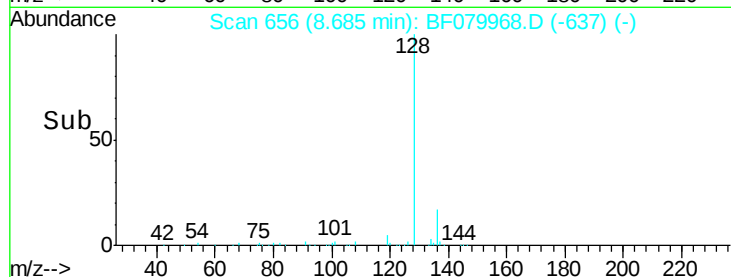


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 13.66 ng

RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Tgt Ion:105 Resp: 39916

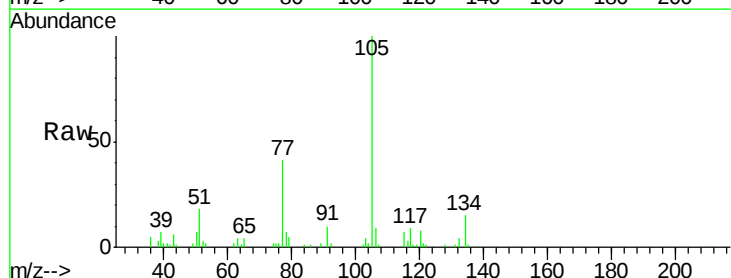
Ion Ratio Lower Upper

105 100

71 0.0 1.0 1.4#

51 17.6 19.8 29.6#

120 7.9 17.6 26.4#

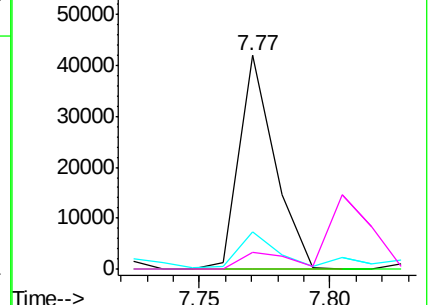
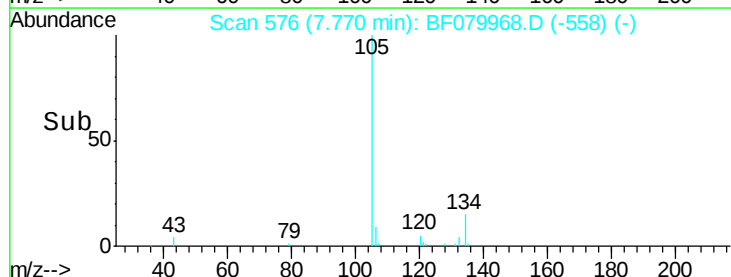


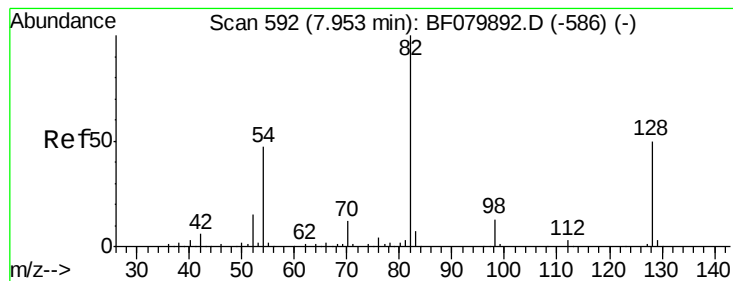
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 173.35 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079968.D

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Instrument :

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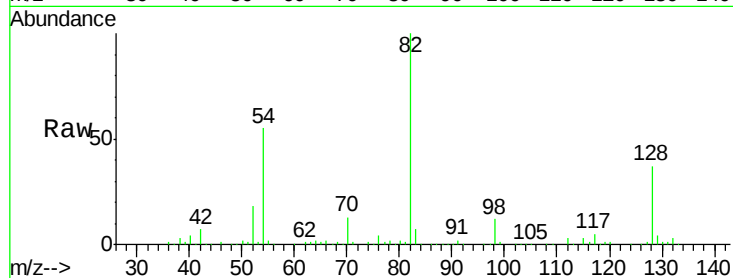
Tgt Ion: 82 Resp: 325090

Ion Ratio Lower Upper

82 100

128 37.0 40.3 60.5#

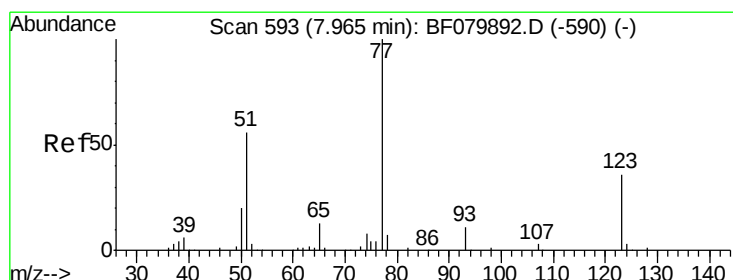
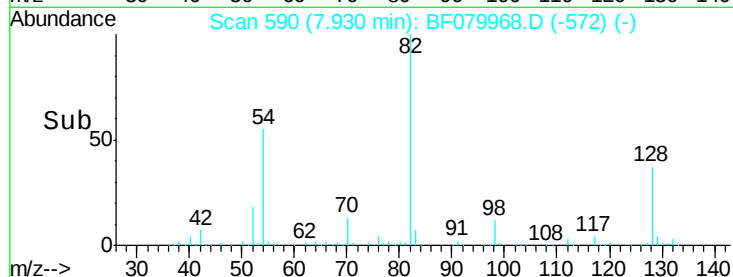
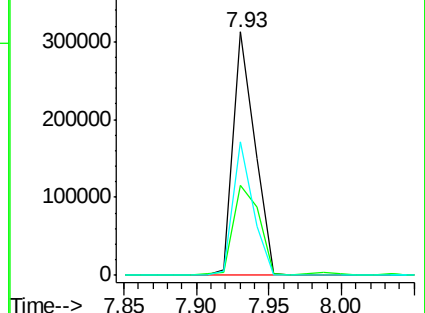
54 54.8 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3.68 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.03 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

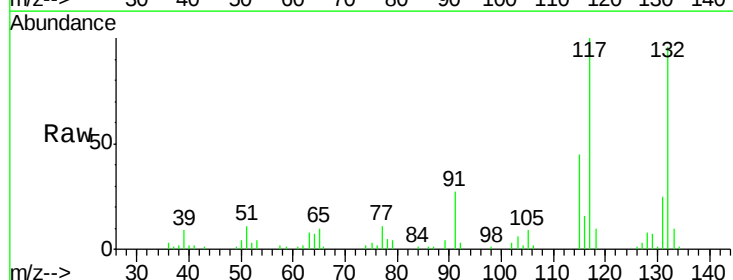
Tgt Ion: 77 Resp: 7342

Ion Ratio Lower Upper

77 100

123 0.0 28.8 43.2#

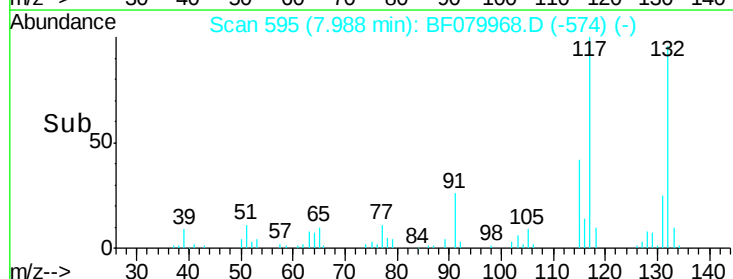
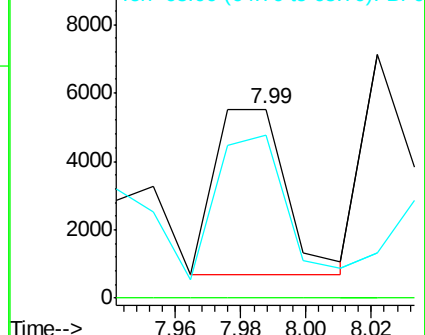
65 86.5 10.3 15.5#

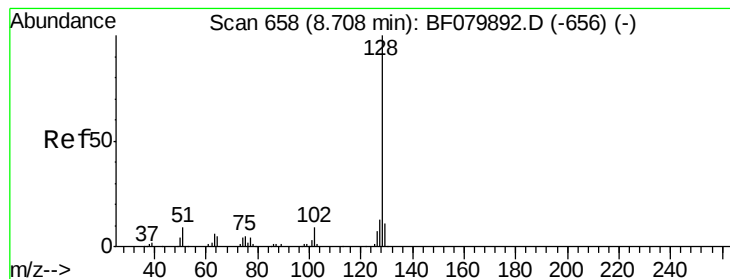


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#31

Naphthalene

Concen: 3051.12 ng

RT: 8.76 min Scan# 663

Delta R.T. 0.07 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

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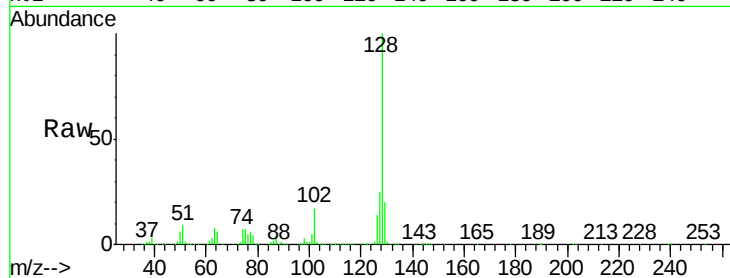
Tgt Ion:128 Resp:20635745

Ion Ratio Lower Upper

128 100

129 19.7 8.8 13.2#

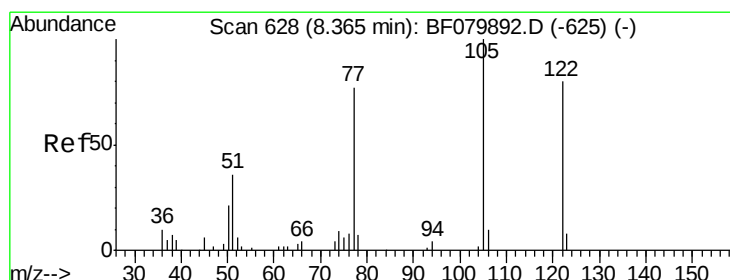
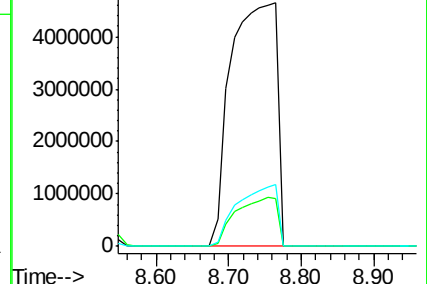
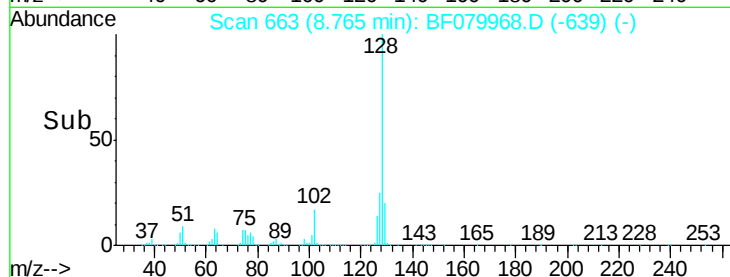
127 25.5 10.5 15.7#



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



#32

Benzoic acid

Concen: 10.72 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

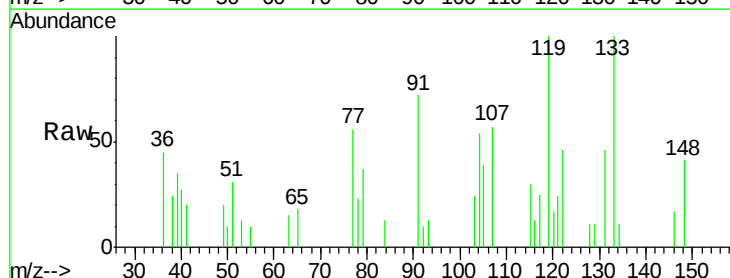
Tgt Ion:122 Resp: 2018

Ion Ratio Lower Upper

122 100

105 85.5 102.7 142.7#

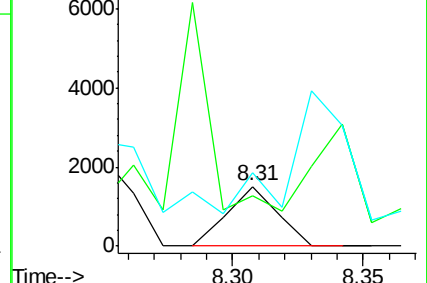
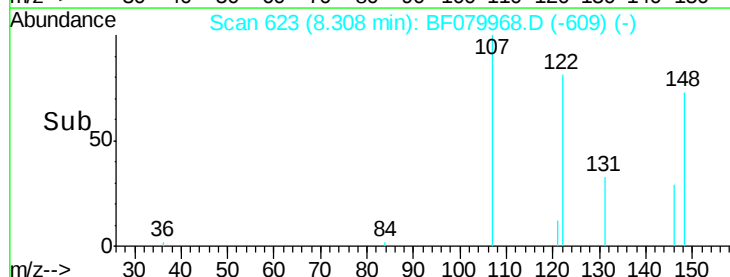
77 122.7 77.1 117.1#

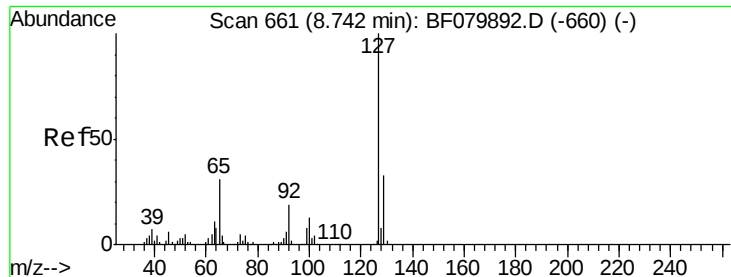


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

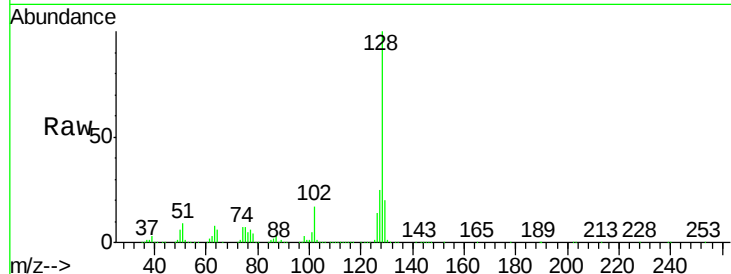




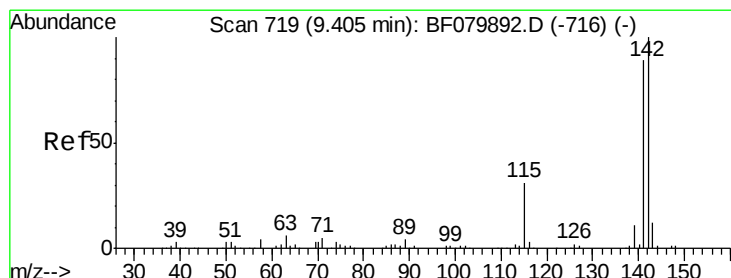
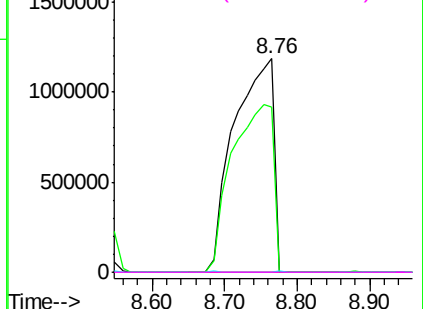
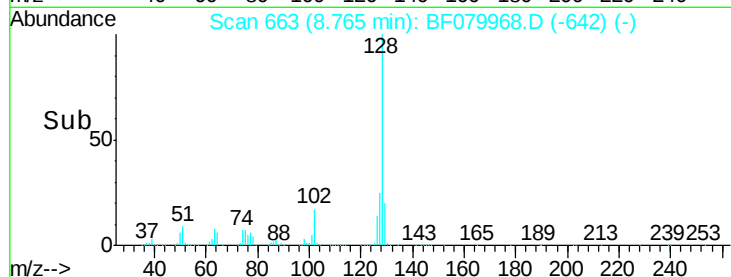
#33
 4-Chloroaniline
 Concen: 1726.98 ng
 RT: 8.76 min Scan# 663
 Delta R.T. 0.03 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion:127 Resp: 4533656
 Ion Ratio Lower Upper
 127 100
 129 77.4 26.1 39.1#
 65 0.0 25.5 38.3#
 92 0.0 15.7 23.5#

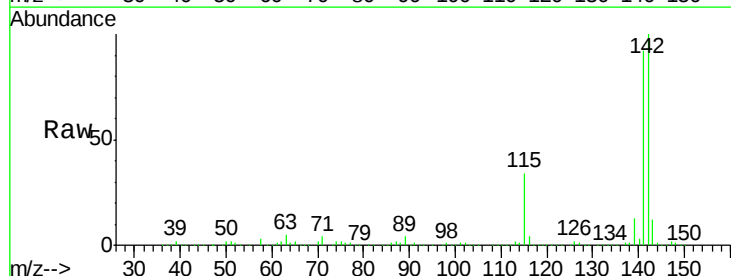


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

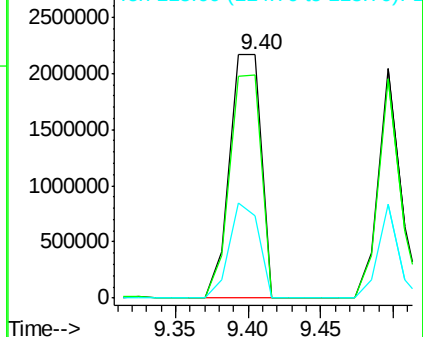
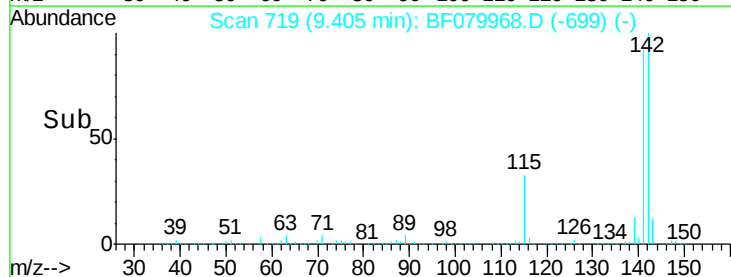


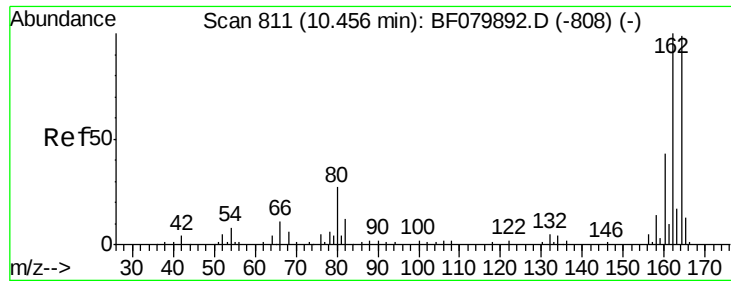
#37
 2-Methylnaphthalene
 Concen: 713.58 ng
 RT: 9.40 min Scan# 719
 Delta R.T. 0.02 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Tgt Ion:142 Resp: 3260639
 Ion Ratio Lower Upper
 142 100
 141 91.7 70.9 106.3
 115 33.7 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: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

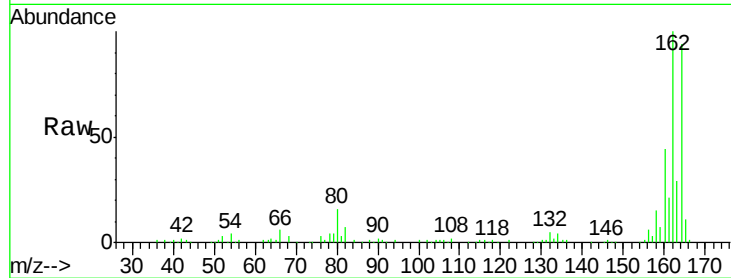
Tgt Ion:164 Resp: 112836

Ion Ratio Lower Upper

164 100

162 106.4 80.7 121.1

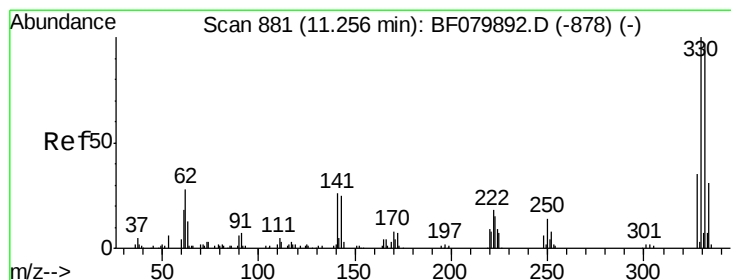
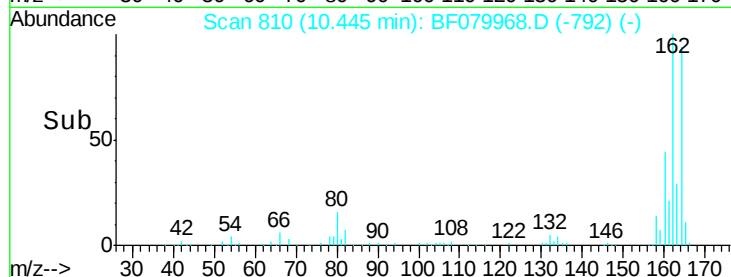
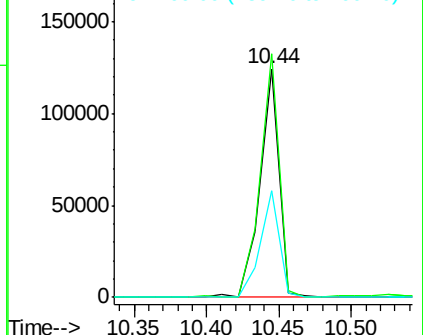
160 46.4 34.6 51.8



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: 129.00 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

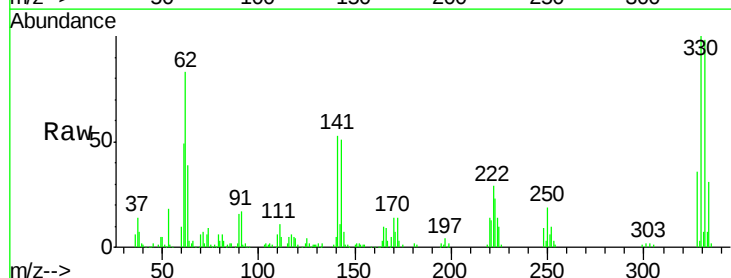
Tgt Ion:330 Resp: 146583

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

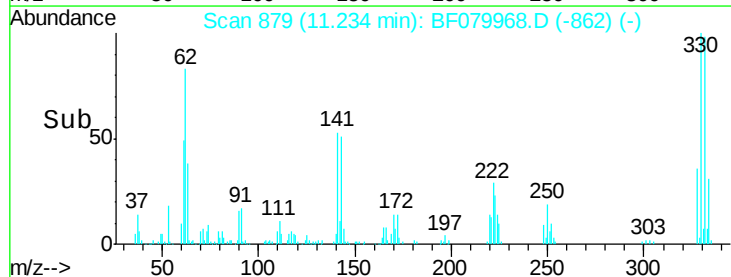
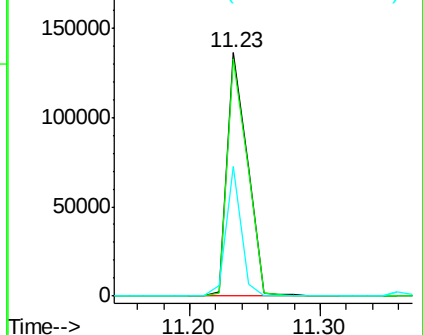
141 40.8 26.8 40.2#

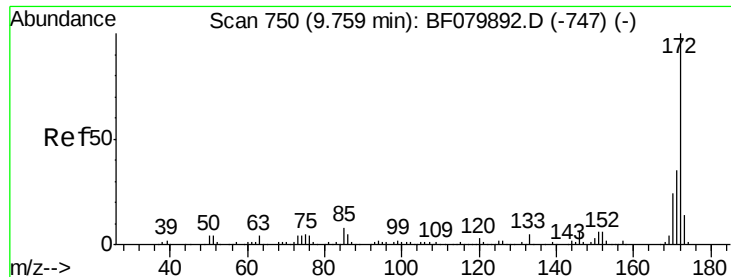


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

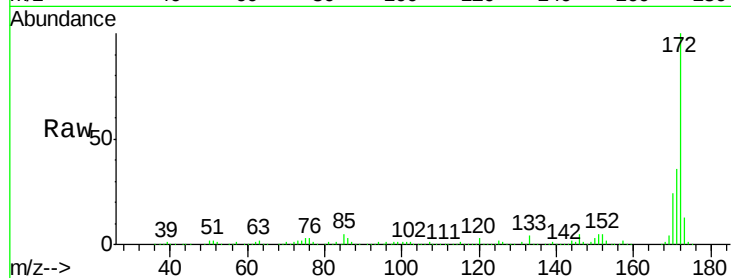




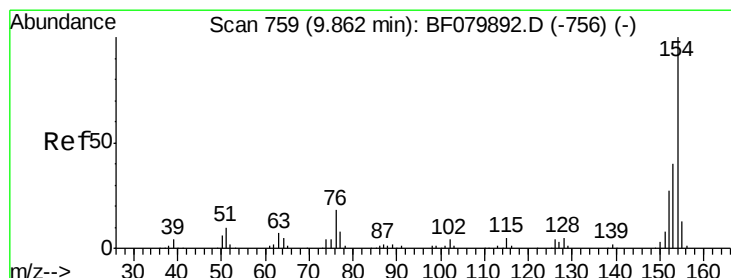
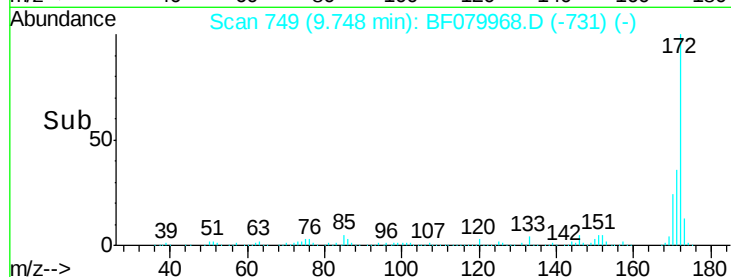
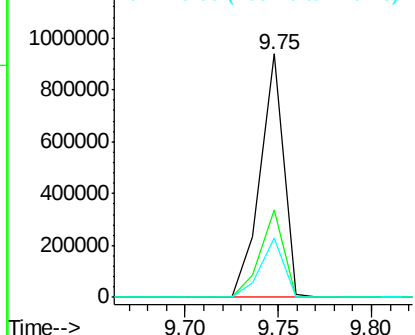
#44
 2-Fluorobiphenyl
 Concen: 100.90 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	24.5	19.0	28.4

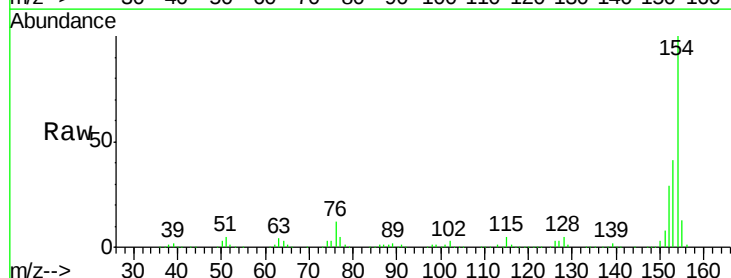


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

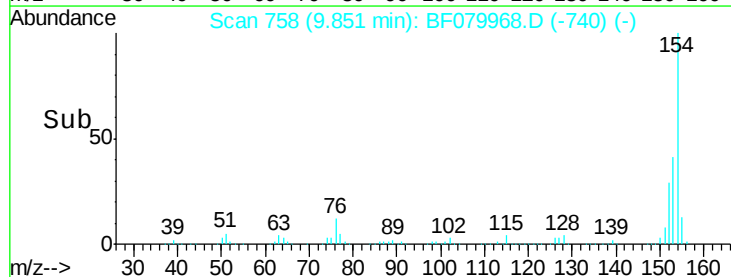
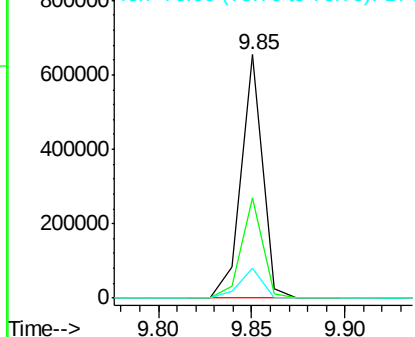


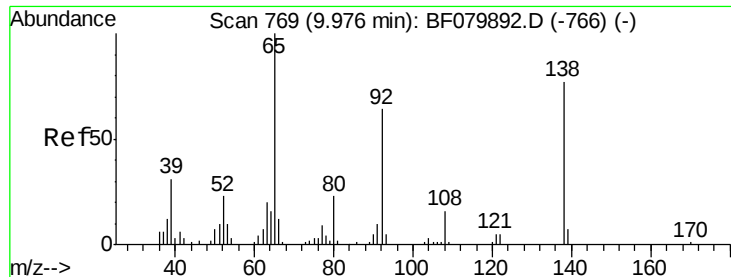
#45
 1,1'-Biphenyl
 Concen: 57.22 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.1	60.1
76	12.3	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

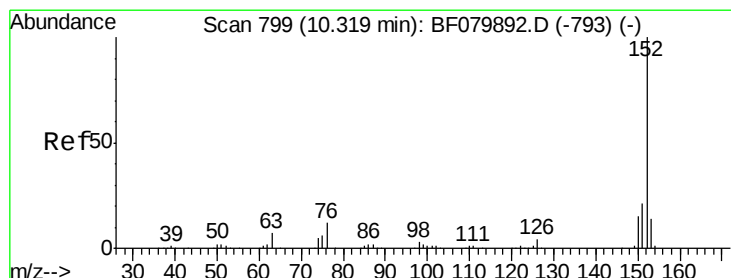
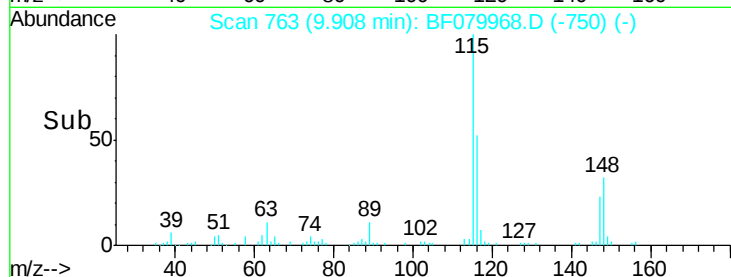
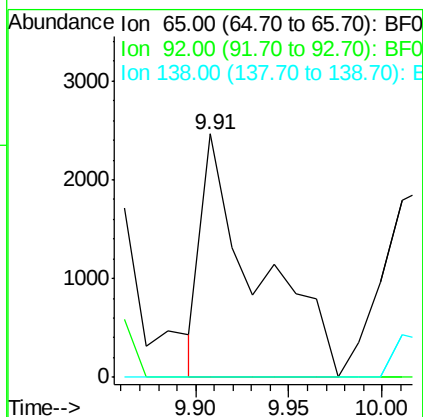
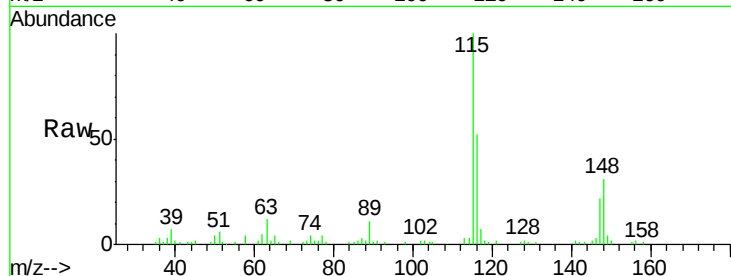




#47
 2-Nitroaniline
 Concen: 7.05 ng
 RT: 9.91 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

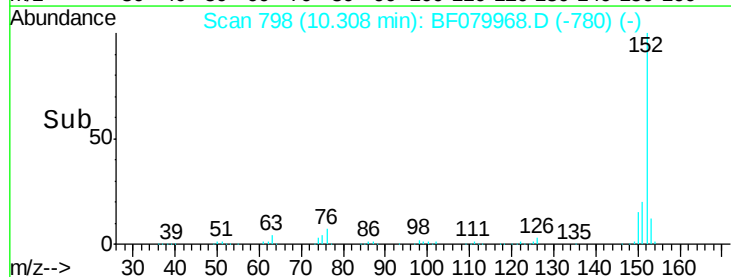
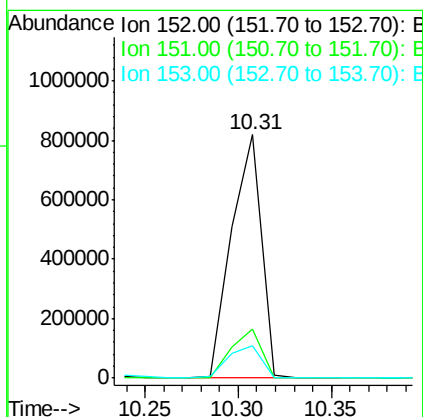
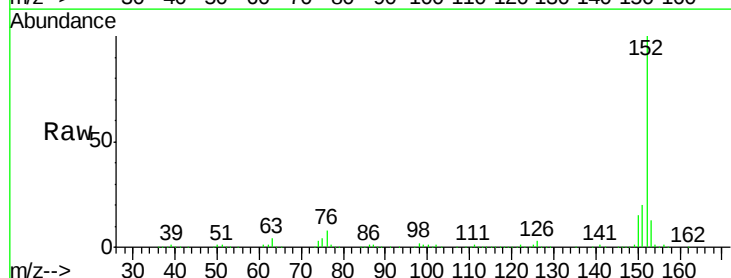
Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

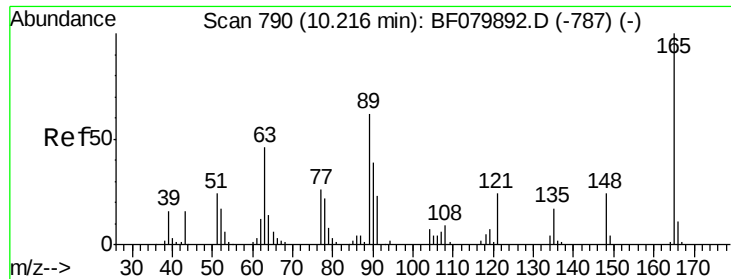
Tgt Ion: 65 Resp: 5072
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.1 76.7#
 138 0.0 62.0 93.0#



#48
 Acenaphthylene
 Concen: 70.46 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Tgt Ion: 152 Resp: 924675
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.4 10.8 16.2

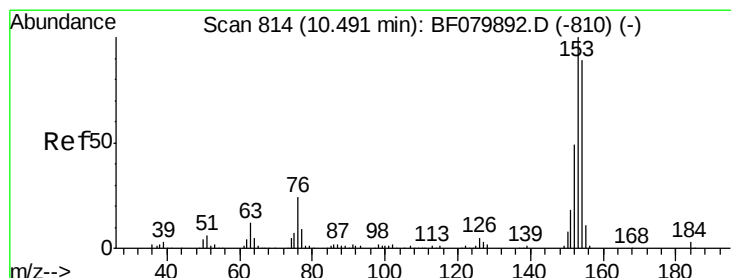
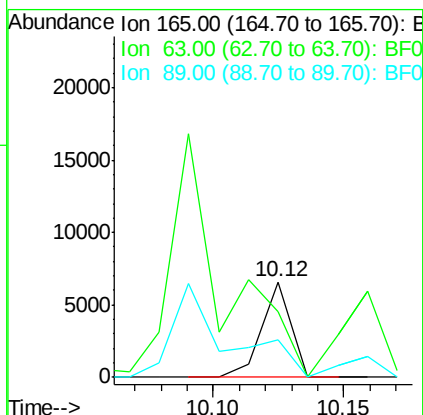
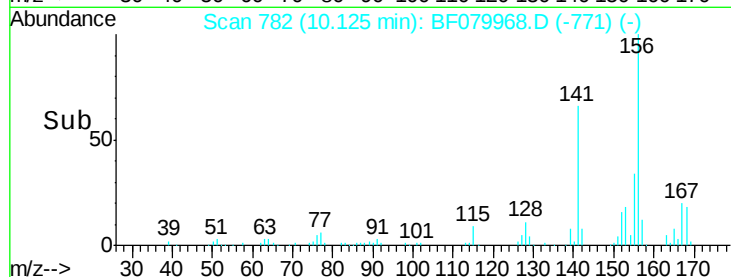
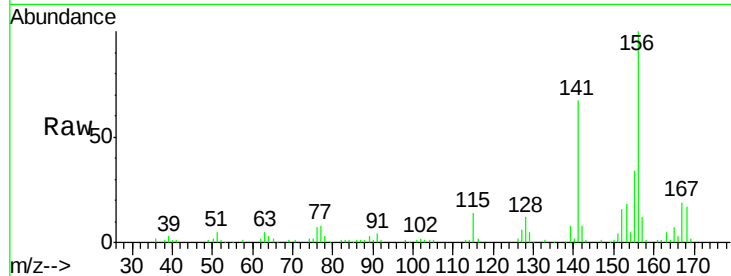




#50
2,6-Dinitrotoluene
Concen: 5.96 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

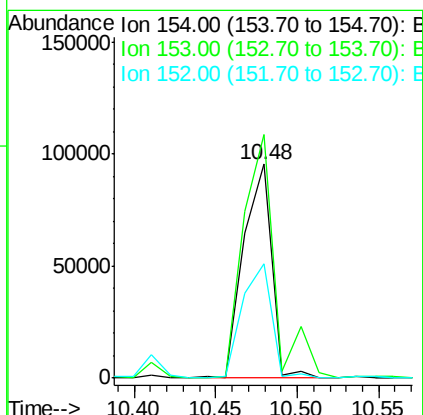
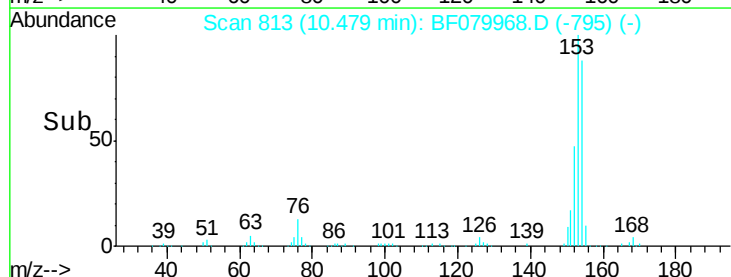
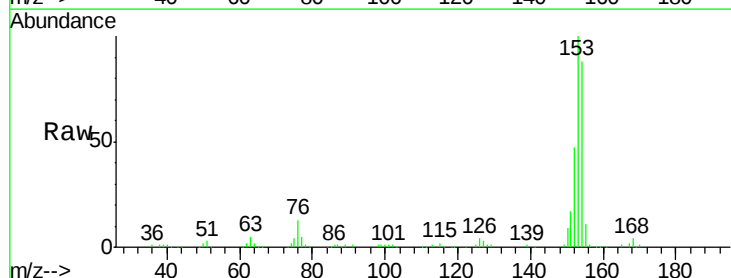
Instrument :
BNA_F
ClientSampleId :
MW-11C

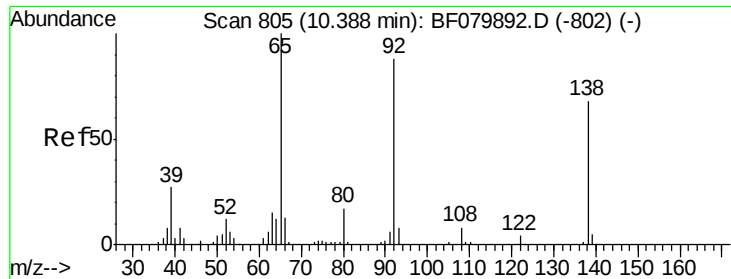
Tgt Ion:165 Resp: 5147
Ion Ratio Lower Upper
165 100
63 68.4 46.4 69.6
89 39.1 49.6 74.4#



#51
Acenaphthene
Concen: 15.22 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:154 Resp: 113503
Ion Ratio Lower Upper
154 100
153 113.9 90.0 135.0
152 53.7 43.7 65.5

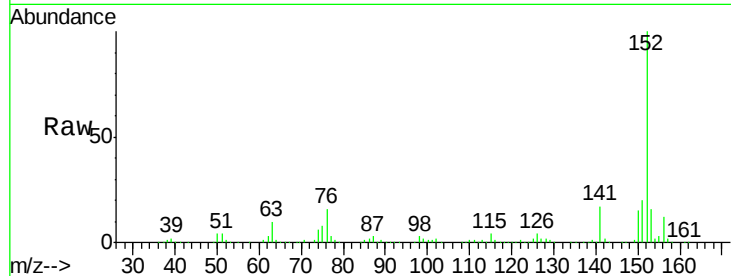




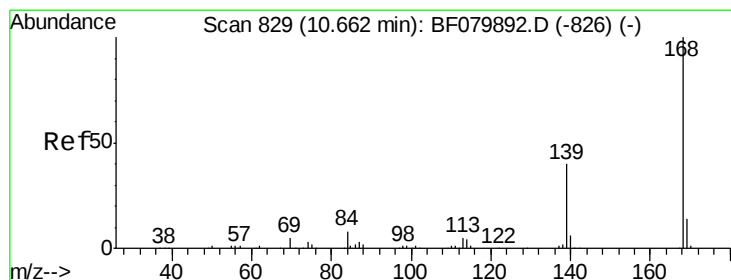
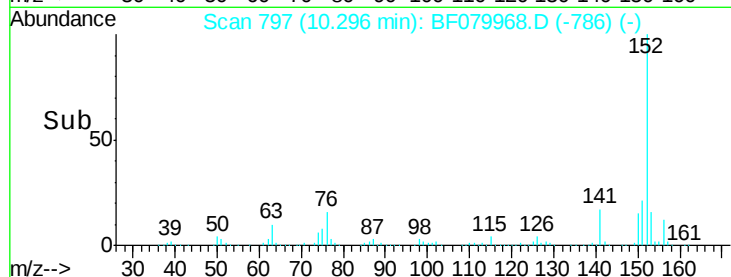
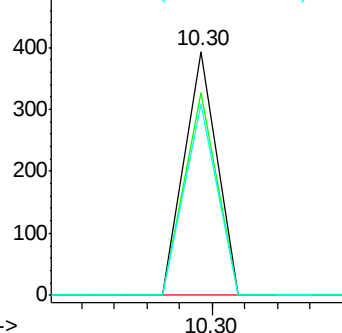
#52
3-Nitroaniline
Concen: 3.01 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:138 Resp: 270
Ion Ratio Lower Upper
138 100
108 83.2 9.0 13.6#
92 78.6 103.1 154.7#

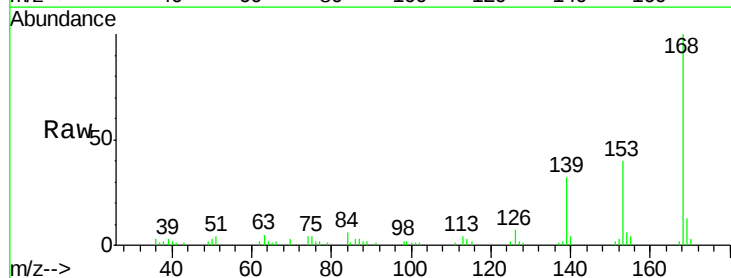


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

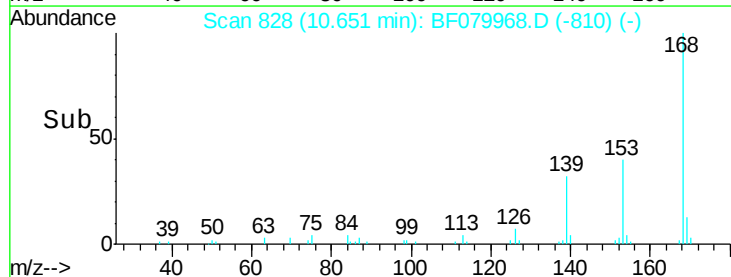
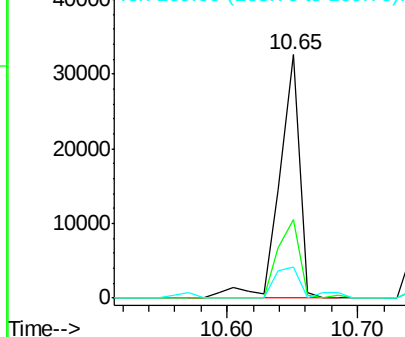


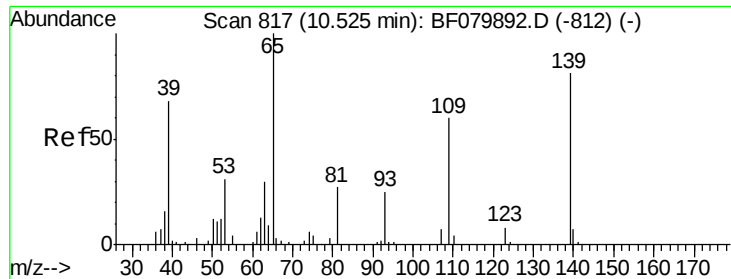
#54
Dibenzofuran
Concen: 3.24 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:168 Resp: 35358
Ion Ratio Lower Upper
168 100
139 32.3 32.2 48.2
169 12.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

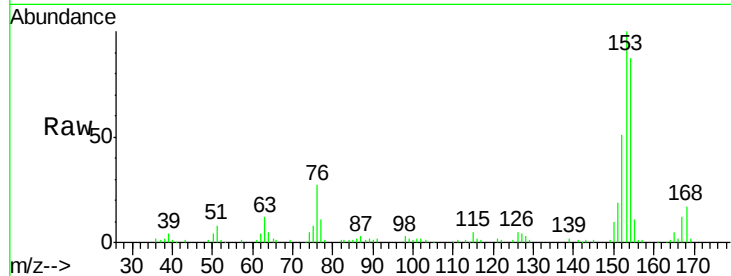




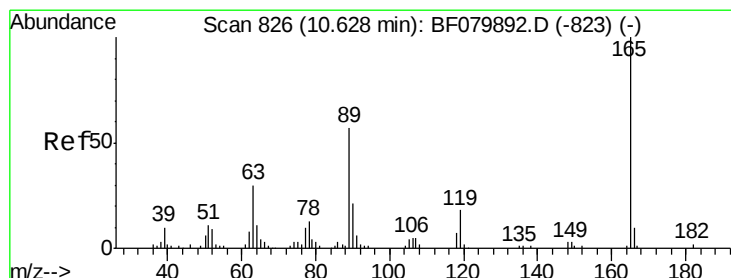
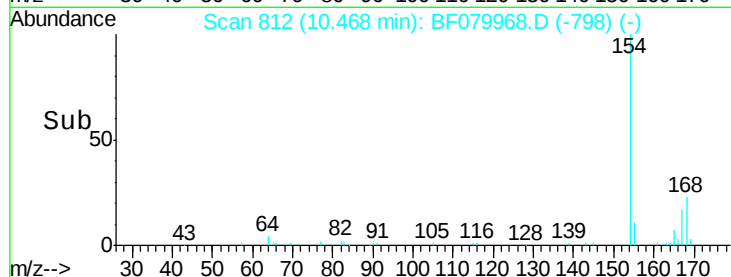
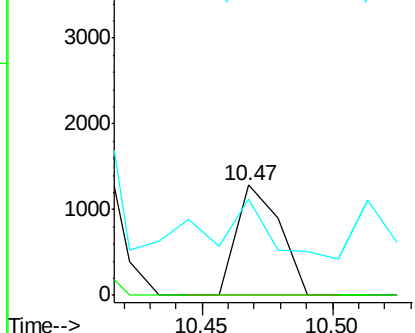
#55
4-Nitrophenol
Concen: 3.56 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:139 Resp: 1496
Ion Ratio Lower Upper
139 100
109 0.0 54.8 94.8#
65 87.3 104.8 144.8#



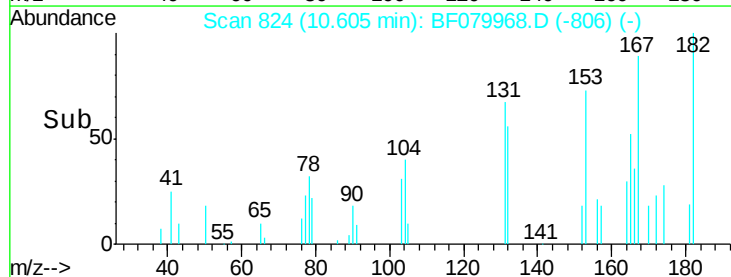
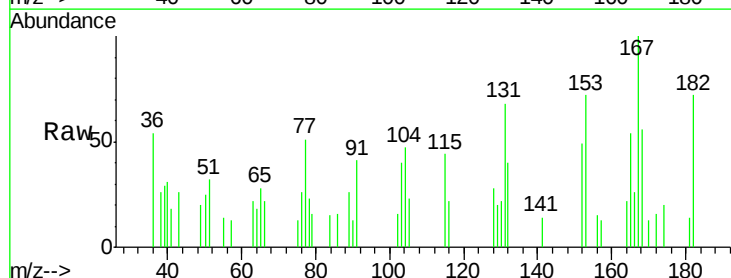
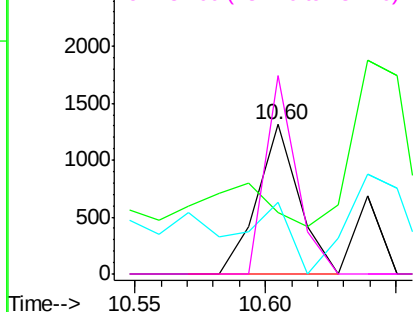
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

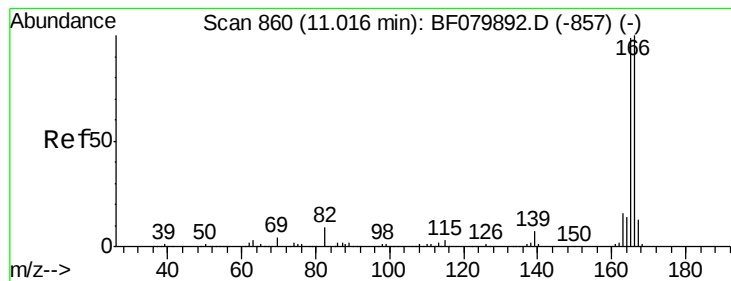


#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:165 Resp: 1472
Ion Ratio Lower Upper
165 100
63 41.1 24.3 36.5#
89 48.3 45.4 68.2
182 132.5 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: 37.46 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

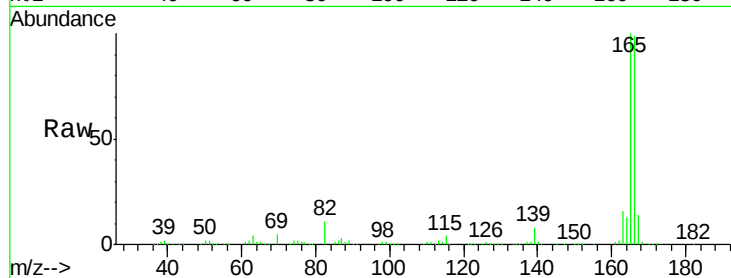
Tgt Ion:166 Resp: 355874

Ion Ratio Lower Upper

166 100

165 100.8 79.0 118.6

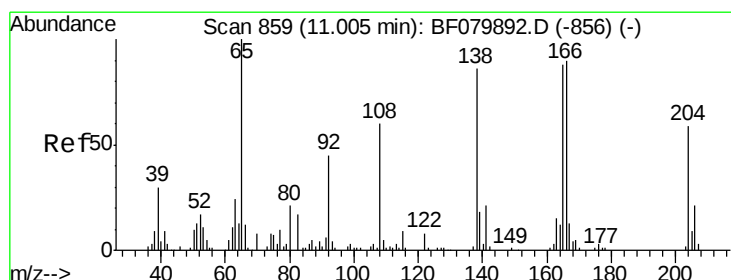
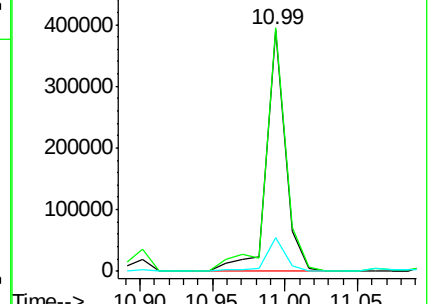
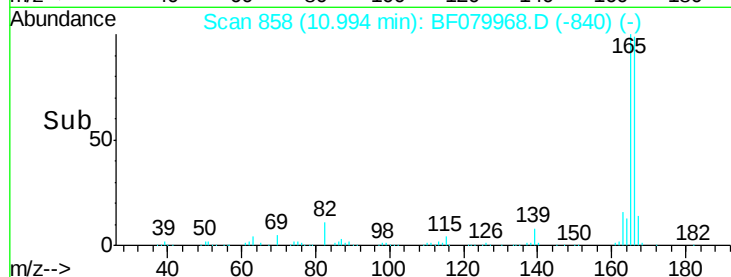
167 13.7 10.3 15.5



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: 4.69 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

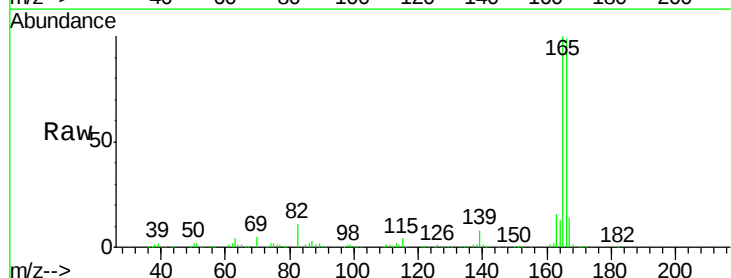
Tgt Ion:138 Resp: 3540

Ion Ratio Lower Upper

138 100

92 0.0 32.9 72.9#

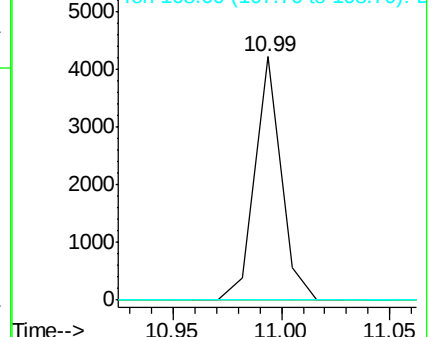
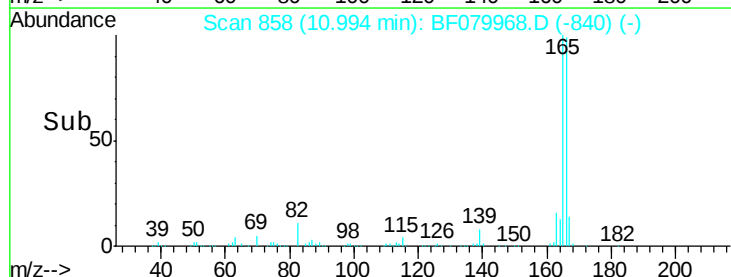
108 0.0 50.4 90.4#

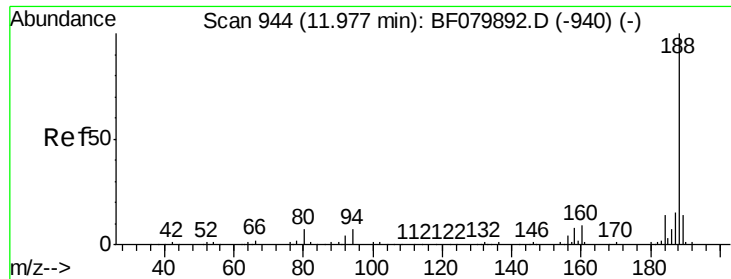


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

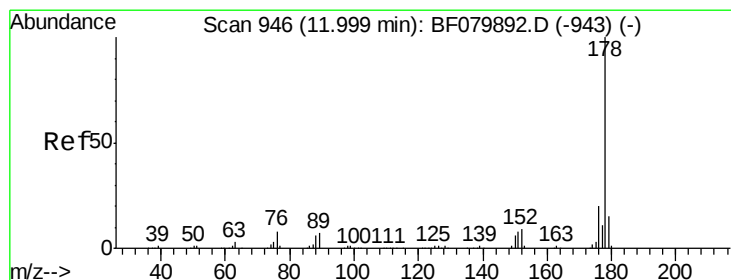
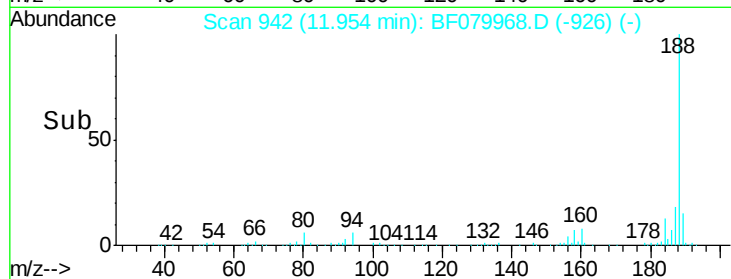
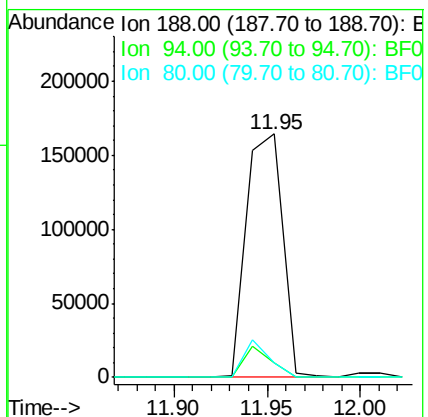
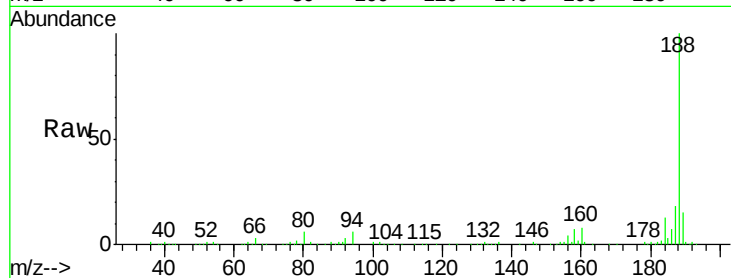




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

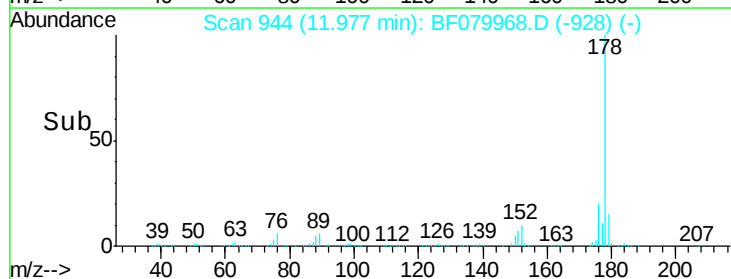
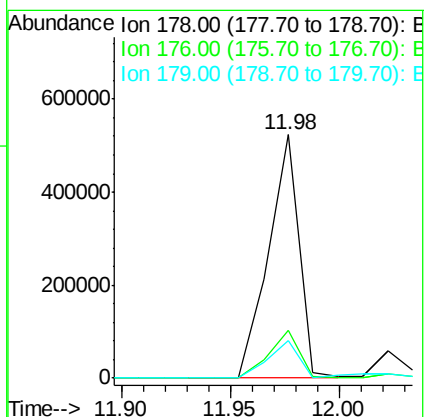
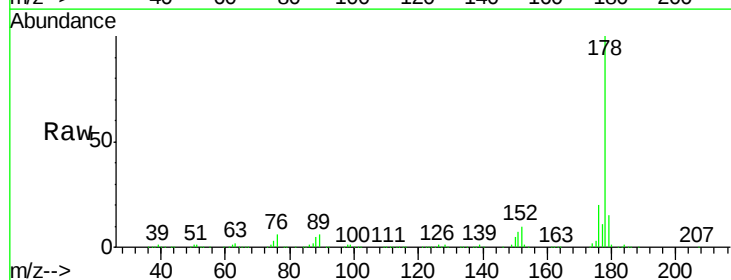
Instrument :
BNA_F
ClientSampleId :
MW-11C

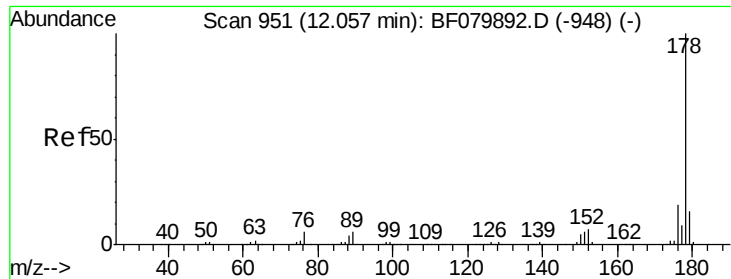
Tgt Ion:188 Resp: 221672
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 6.2 5.9 8.9



#70
Phenanthrene
Concen: 39.13 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:178 Resp: 516975
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.2 12.3 18.5

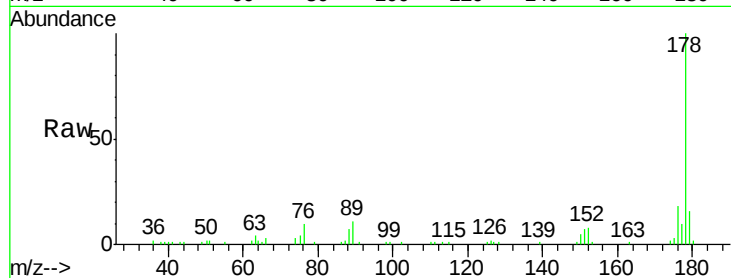




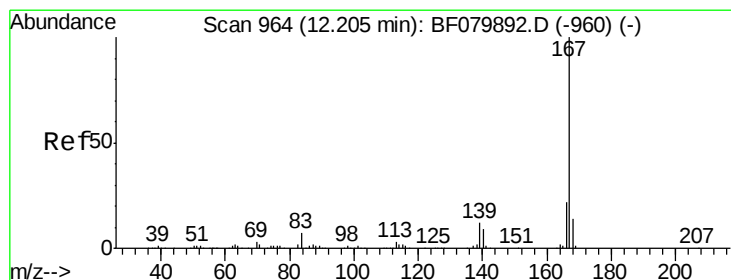
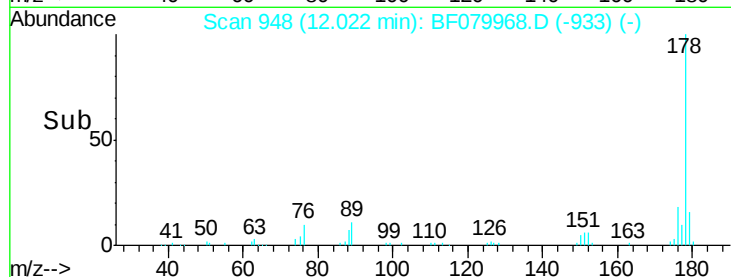
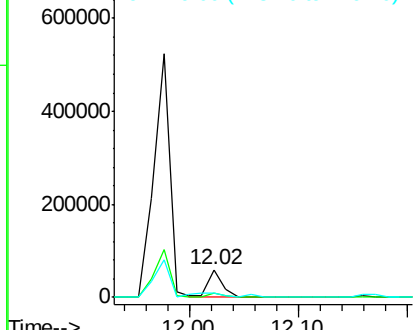
#71
 Anthracene
 Concen: 4.68 ng
 RT: 12.02 min Scan# 948
 Delta R.T. -0.03 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion:178 Resp: 59865
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.2 22.8
 179 15.9 12.5 18.7

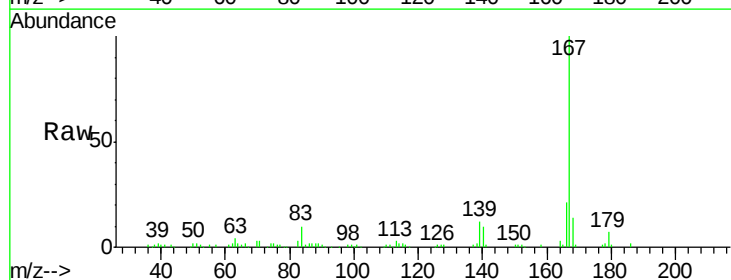


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

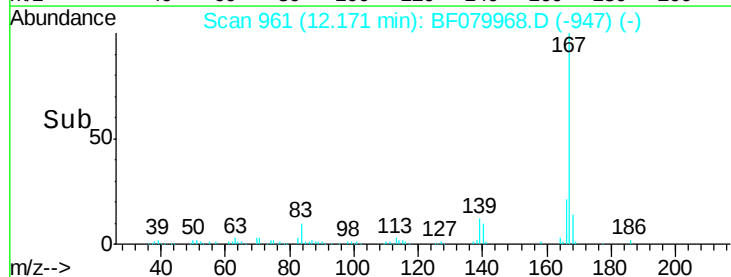
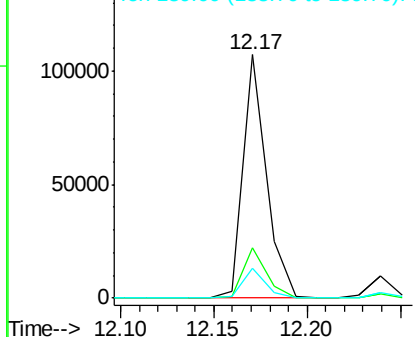


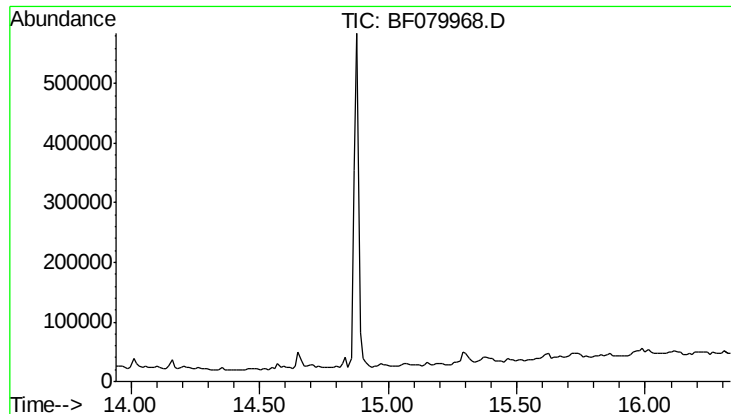
#72
 Carbazole
 Concen: 7.58 ng
 RT: 12.17 min Scan# 961
 Delta R.T. -0.05 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Tgt Ion:167 Resp: 94046
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.2
 139 12.4 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



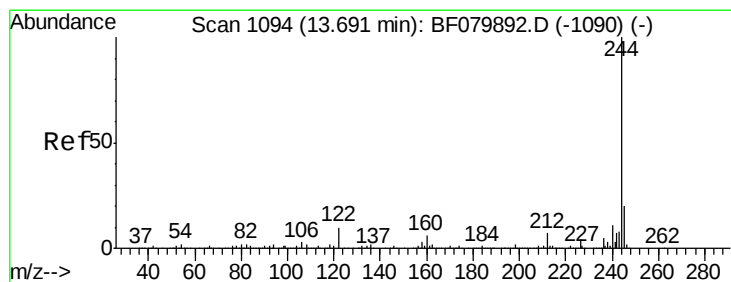
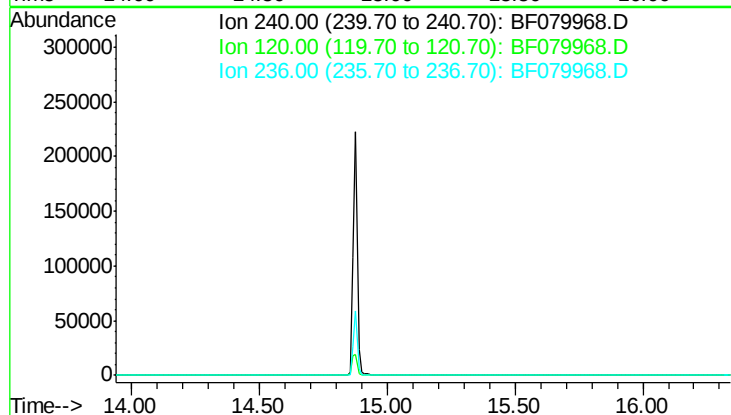


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion: 240

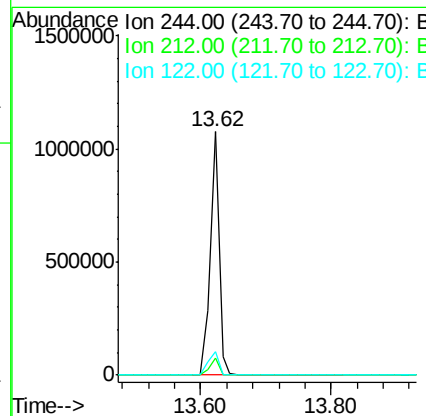
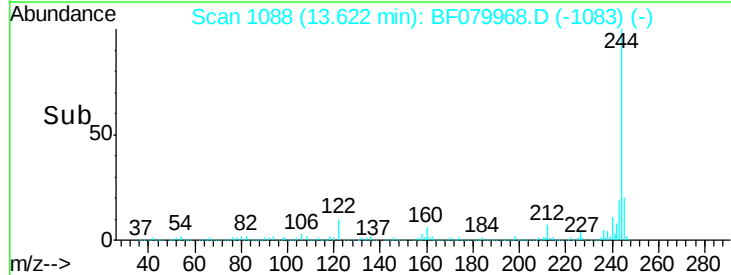
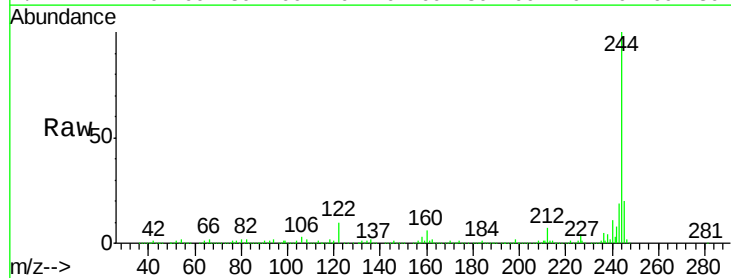
Sig	Exp Ratio
240	100
120	11.8
236	24.5

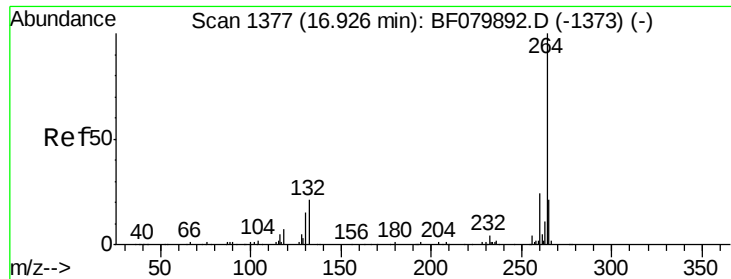


#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.62 min Scan# 1088
 Delta R.T. -0.15 min
 Lab File: BF079968.D
 Acq: 13 Jun 2015 9:41

Tgt Ion: 244 Resp: 1006691

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.8	7.8	11.8

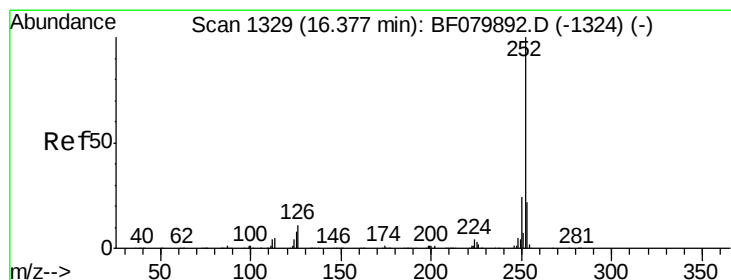
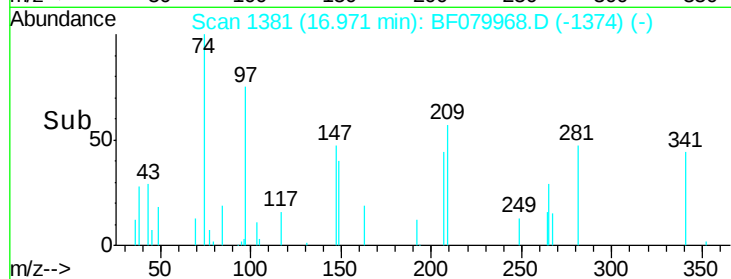
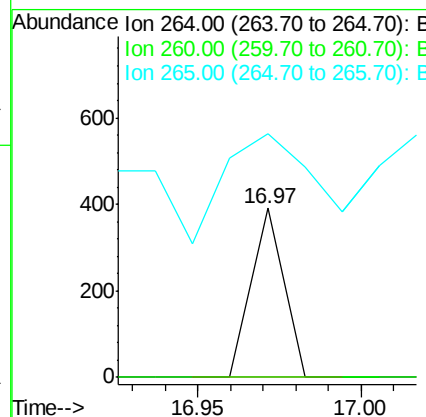
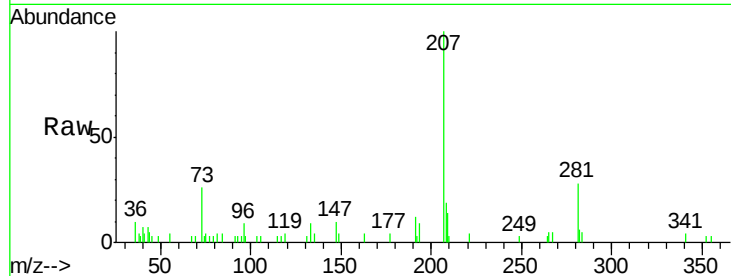




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1381
Delta R.T. -0.13 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

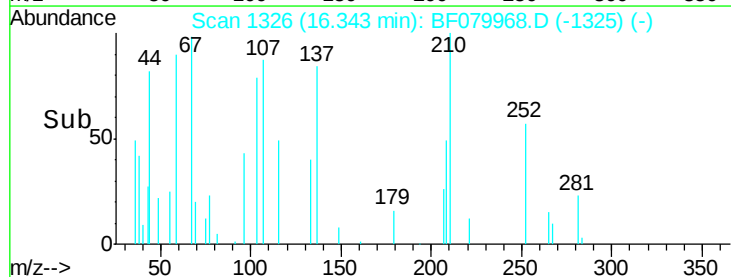
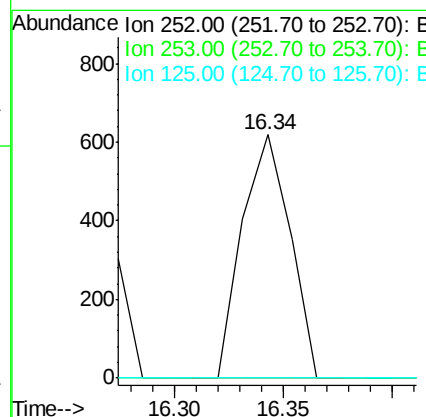
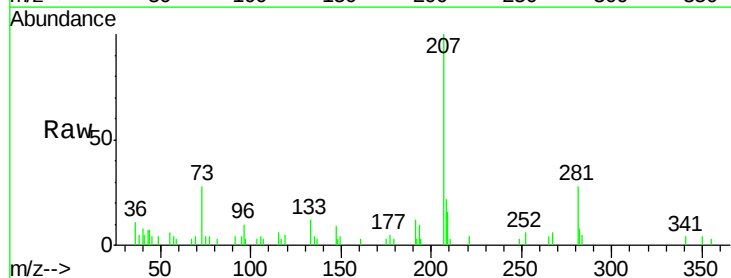
Instrument :
BNA_F
ClientSampleId :
MW-11C

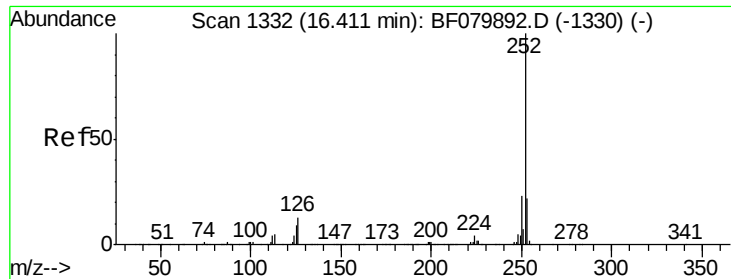
Tgt Ion:264 Resp: 268
Ion Ratio Lower Upper
264 100
260 0.0 19.3 28.9#
265 144.0 17.0 25.6#



#87
Benzo(b)fluoranthene
Concen: 57.49 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 0.0 6.5 9.7#

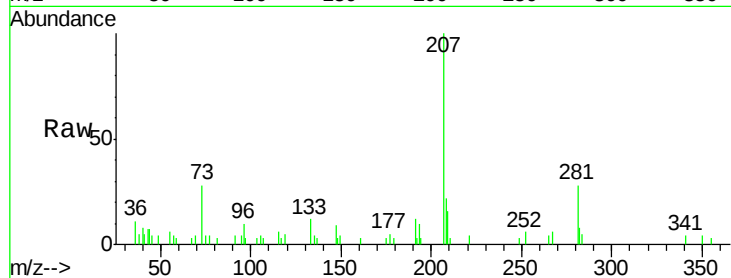




#88
Benzo(k)fluoranthene
Concen: 56.37 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.24 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

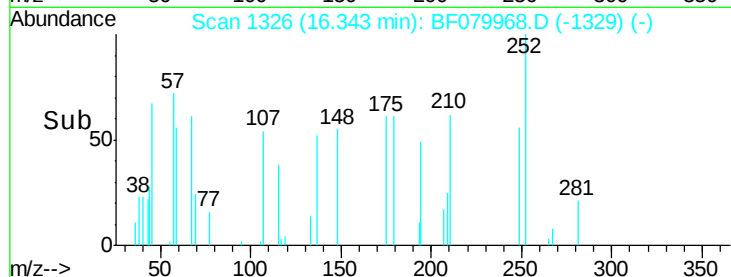
Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#

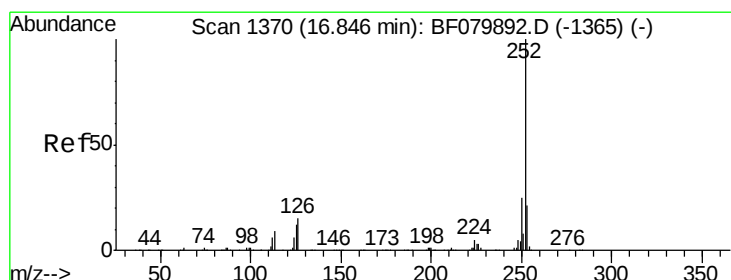


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

16.34

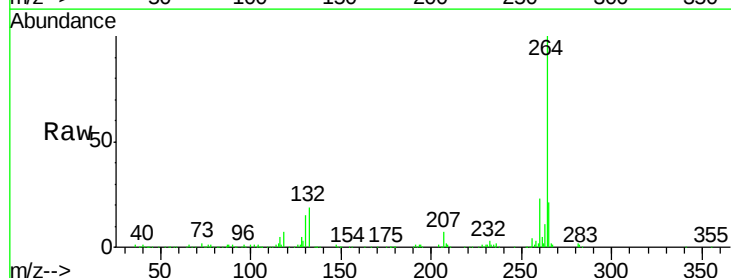


Time-->



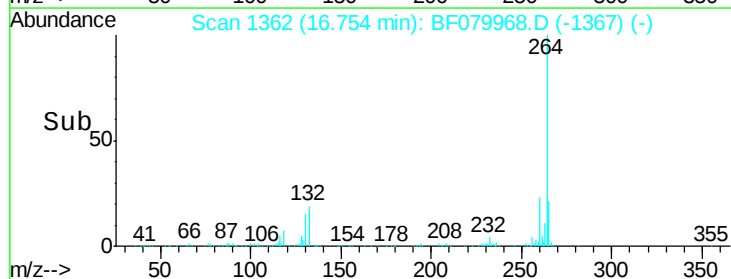
#89
Benzo(a)pyrene
Concen: 80.30 ng
RT: 16.75 min Scan# 1362
Delta R.T. -0.26 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:252 Resp: 1254
Ion Ratio Lower Upper
252 100
253 42.7 17.0 25.6#
125 0.0 9.7 14.5#

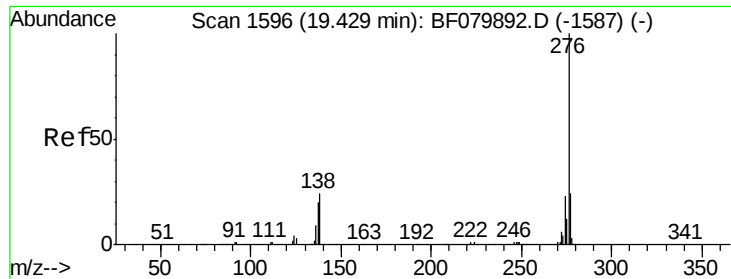


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

16.75



Time-->



#91

Benzo(g,h,i)perylene

Concen: 12.97 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.06 min

Lab File: BF079968.D

Acq: 13 Jun 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

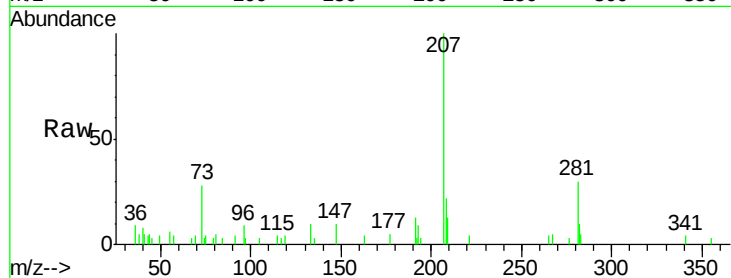
Tgt Ion: 276 Resp: 206

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.2#

138 0.0 19.1 28.7#

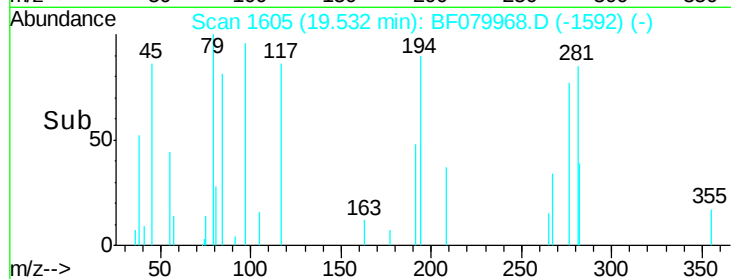


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

19.53



Time-->