

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078343.D
 Acq On : 8 Apr 2015 19:36
 Operator : TP/IZ
 Sample : G1793-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6DA

Quant Time: Apr 09 01:07:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 00:49:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	39548	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	155711	20.00	ng	0.01
38) Acenaphthene-d10	10.65	164	80178	20.00	ng	0.00
63) Phenanthrene-d10	12.49	188	142016	20.00	ng	0.01
75) Chrysene-d12	15.78	240	129768	20.00	ng	0.01
86) Perylene-d12	17.57	264	149073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	99949	41.67	ng	0.00
7) Phenol-d6	6.51	99	156121	51.94	ng	0.00
23) Nitrobenzene-d5	7.61	82	102664	39.96	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	50157	75.43	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	237461	42.33	ng	0.00
78) Terphenyl-d14	14.48	244	301602	52.52	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.36	77	6434	3.23	ng	# 1
18) Hexachloroethane	7.49	117	3109	2.94	ng	# 1
24) Nitrobenzene	7.58	77	6175	2.30	ng	# 14
31) Naphthalene	8.53	128	4433738	547.07	ng	# 94
32) Benzoic acid	8.29	122	605	6.27	ng	# 1
35) Caprolactam	9.07	113	1418	2.19	ng	# 80
37) 2-Methylnaphthalene	9.38	142	1523682	276.91	ng	96
45) 1,1'-Biphenyl	9.96	154	648743	98.92	ng	99
47) 2-Nitroaniline	10.16	65	6909	5.41	ng	# 31
48) Acenaphthylene	10.48	152	391398	46.97	ng	# 94
49) Dimethylphthalate	10.35	163	21478	3.57	ng	# 98
51) Acenaphthene	10.70	154	1278767	272.58	ng	99
54) Dibenzofuran	10.91	168	856043	119.47	ng	98
55) 4-Nitrophenol	10.91	139	332074	311.73	ng	# 20
56) 2,4-Dinitrotoluene	10.90	165	12205	7.60	ng	# 1
57) Fluorene	11.34	166	1478020	254.47	ng	98
62) Azobenzene	11.53	77	16038	3.03	ng	# 1
65) n-Nitrosodiphenylamine	11.49	169	20847	4.24	ng	# 1
70) Phenanthrene	12.53	178	4406142	536.36	ng	94
71) Anthracene	12.59	178	1770668	218.74	ng	96
72) Carbazole	12.78	167	259775	34.24	ng	98
74) Fluoranthene	14.00	202	2687854	310.25	ng	97
77) Pyrene	14.27	202	2713489	333.10	ng	# 92
80) Benzo(a)anthracene	15.77	228	1488579	192.80	ng	94
82) Chrysene	15.81	228	1039530	143.30	ng	97
83) Bis(2-ethylhexyl)phthalate	15.85	149	11227	2.31	ng	# 92
85) Indeno(1,2,3-cd)pyrene	18.90	276	502957	61.10	ng	# 87
87) Benzo(b)fluoranthene	17.12	252	1620324	175.87	ng	# 94
88) Benzo(k)fluoranthene	17.12	252	1639941	200.30	ng	97
89) Benzo(a)pyrene	17.52	252	1096460	136.36	ng	# 94
90) Dibenzo(a,h)anthracene	18.91	278	132243	16.43	ng	# 92
91) Benzo(g,h,i)perylene	19.27	276	464627	57.57	ng	98

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Response via : Initial Calibration

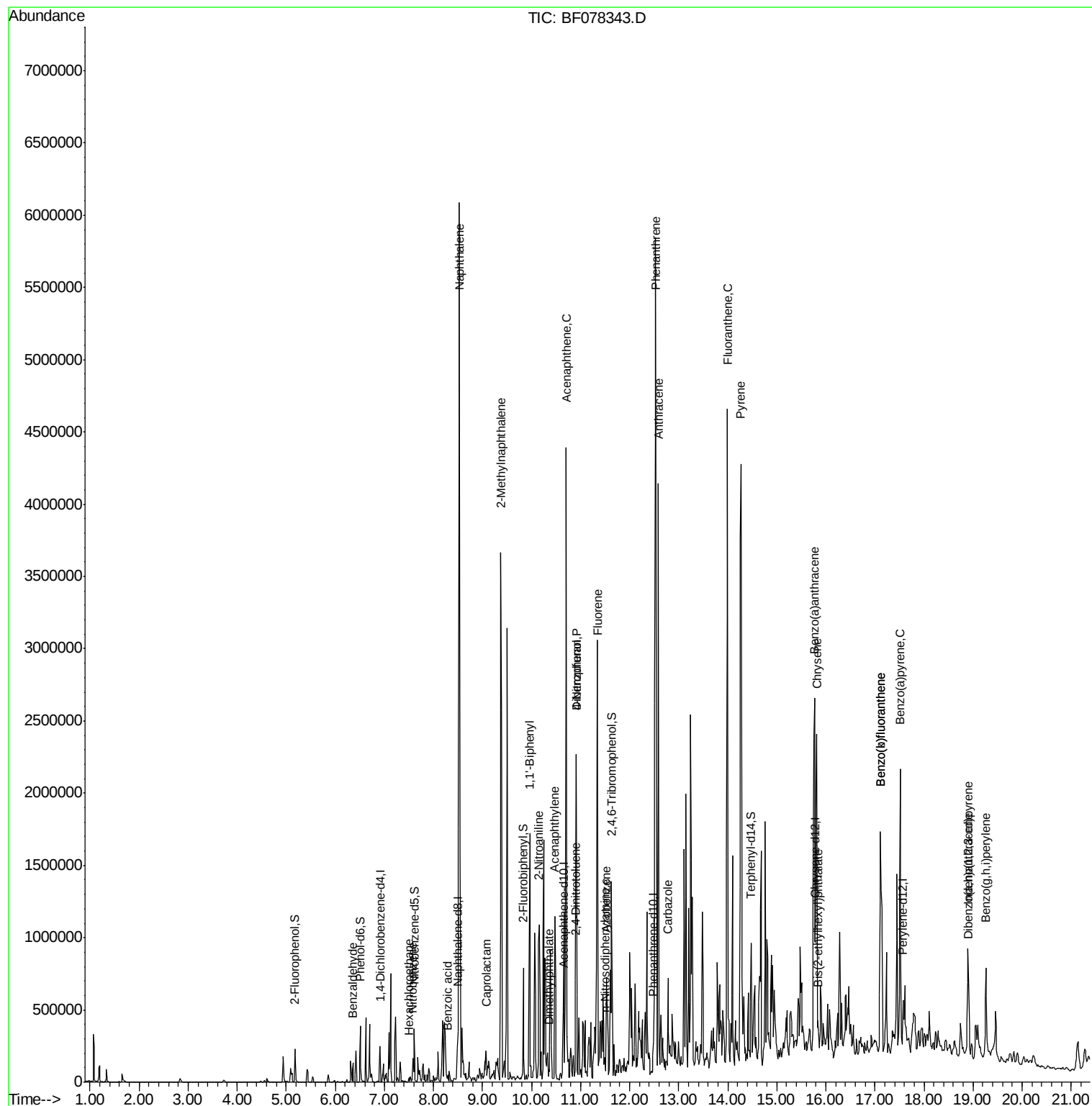
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

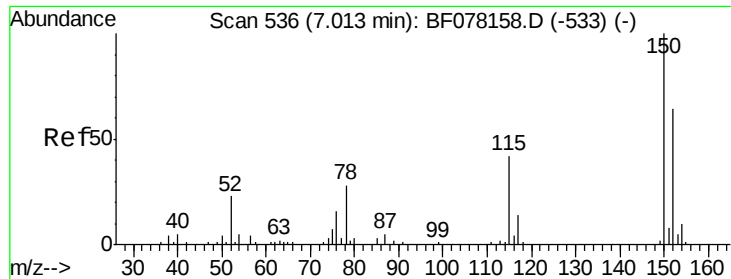
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Time: Apr 09 01:07:20 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

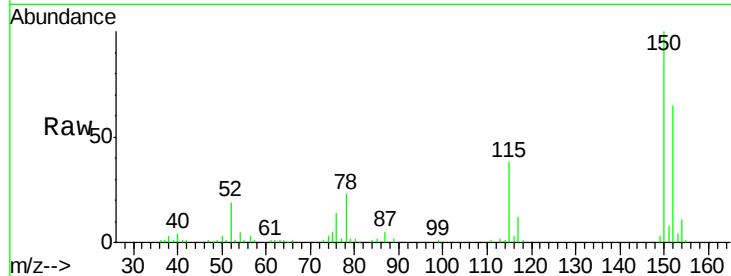
Tgt Ion:152 Resp: 39548

Ion Ratio Lower Upper

152 100

150 154.9 125.9 188.9

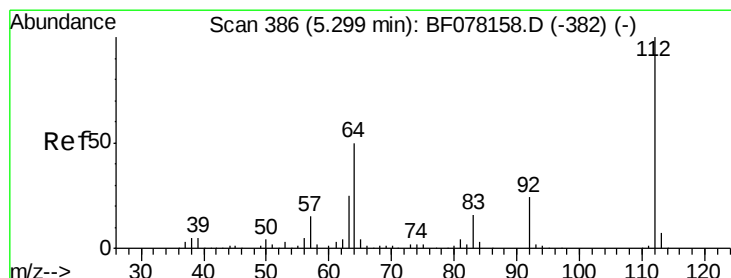
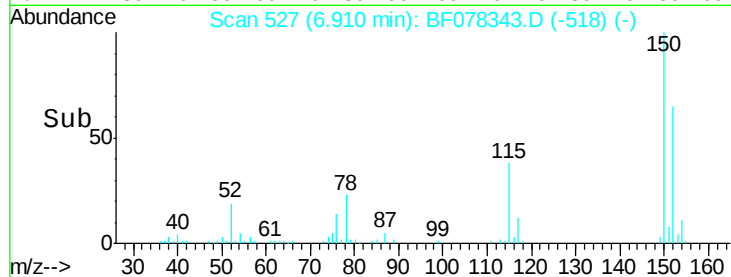
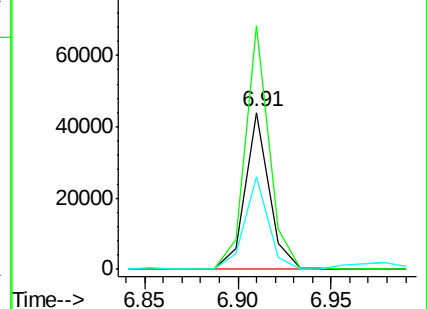
115 59.2 52.7 79.1



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: 41.67 ng

RT: 5.17 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

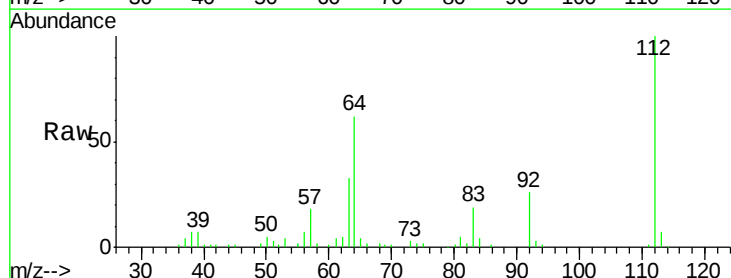
Tgt Ion:112 Resp: 99949

Ion Ratio Lower Upper

112 100

64 61.9 39.9 59.9#

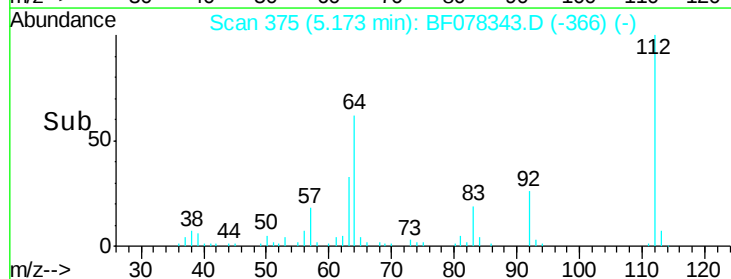
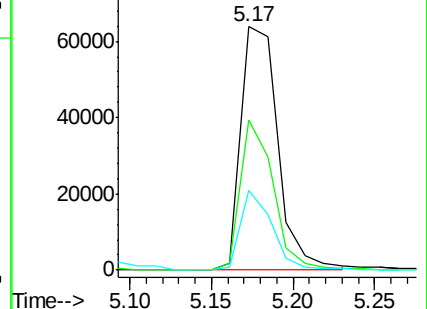
63 32.9 20.2 30.4#

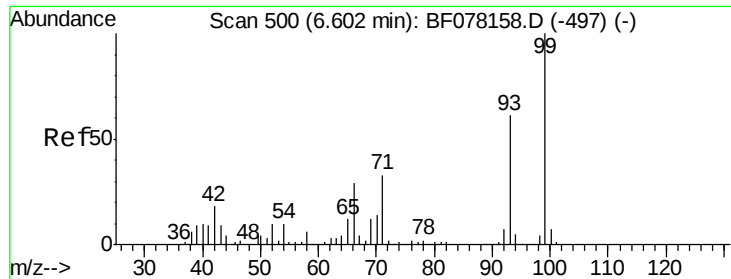


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.94 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

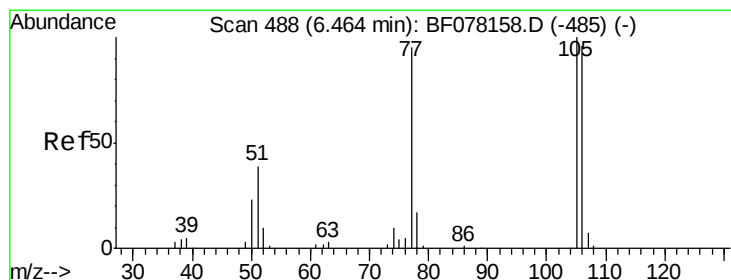
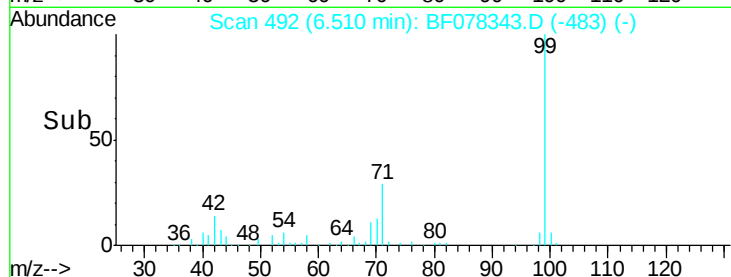
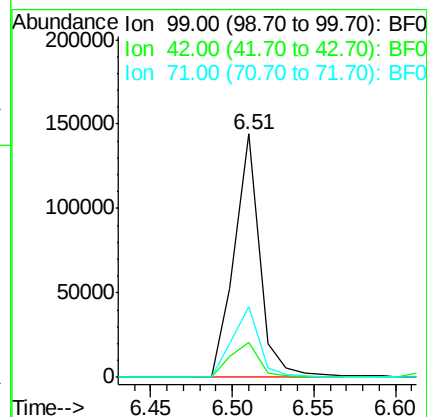
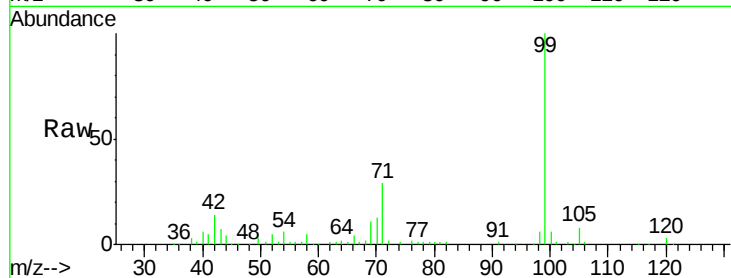
Tgt Ion: 99 Resp: 156121

Ion Ratio Lower Upper

99 100

42 14.4 14.8 22.2#

71 29.2 26.6 39.8



#9

Benzaldehyde

Concen: 3.23 ng

RT: 6.36 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

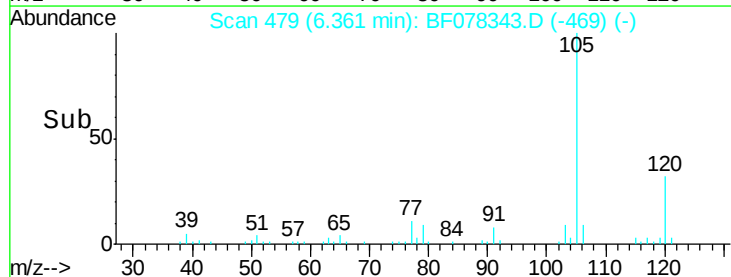
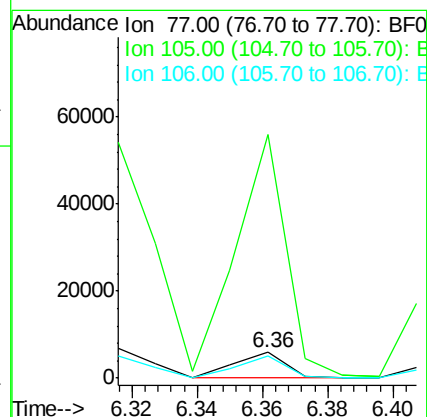
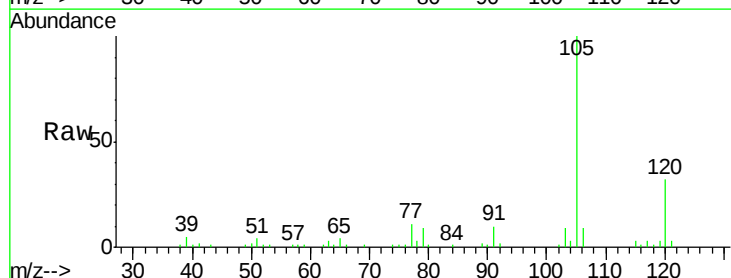
Tgt Ion: 77 Resp: 6434

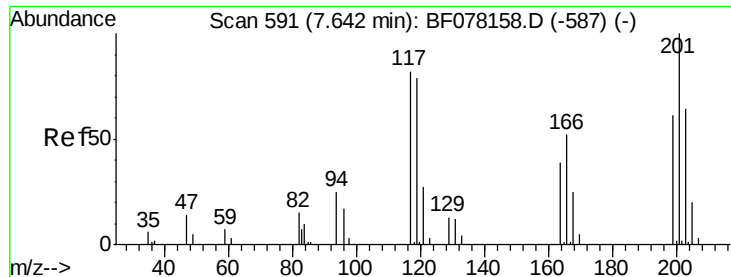
Ion Ratio Lower Upper

77 100

105 943.1 85.4 125.4#

106 84.9 80.8 120.8

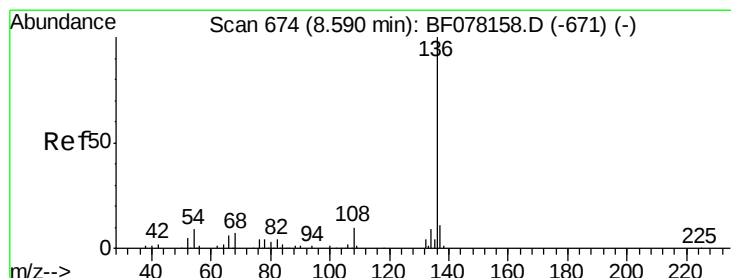
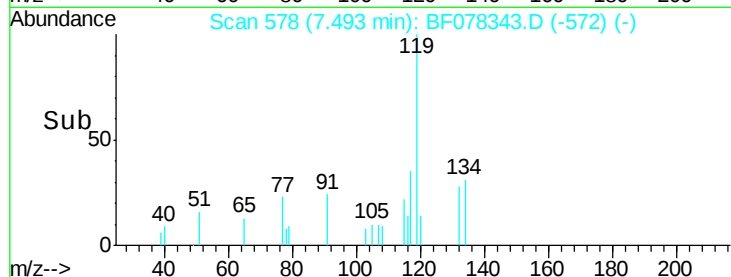
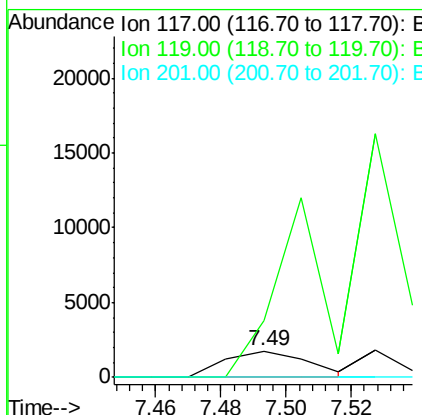
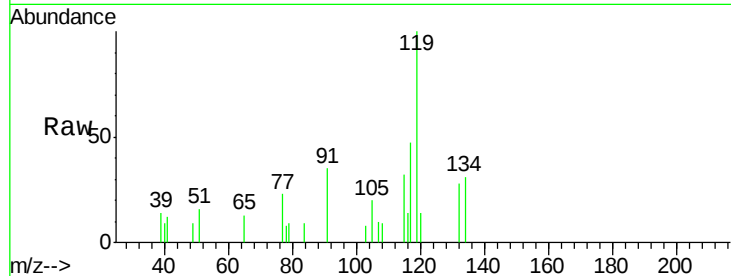




#18
Hexachloroethane
Concen: 2.94 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

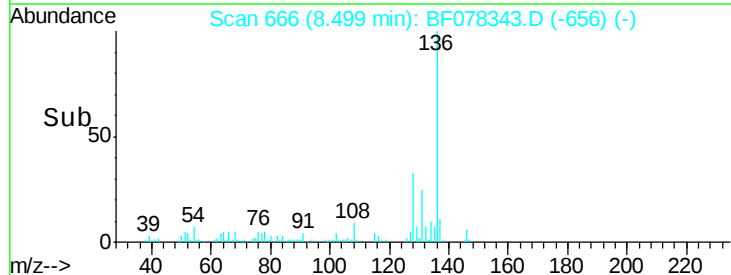
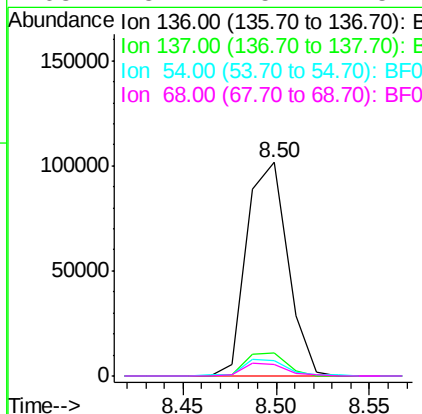
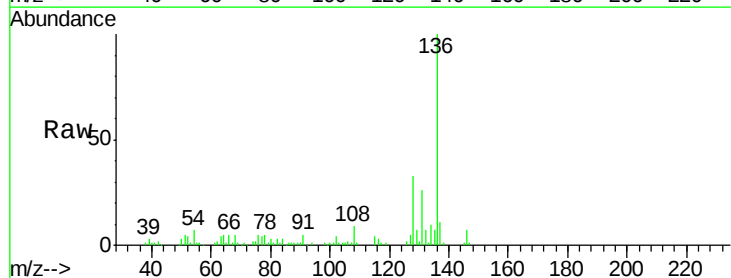
Instrument :
BNA_F
ClientSampleId :
SB-6DA

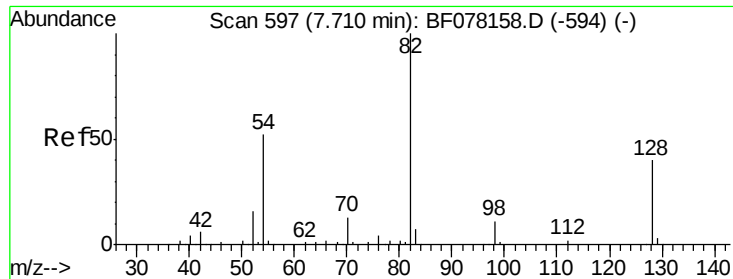
Tgt Ion:117 Resp: 3109
Ion Ratio Lower Upper
117 100
119 214.6 77.0 115.6#
201 0.0 98.1 147.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion:136 Resp: 155711
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 7.0 10.6#
68 5.1 5.4 8.2#

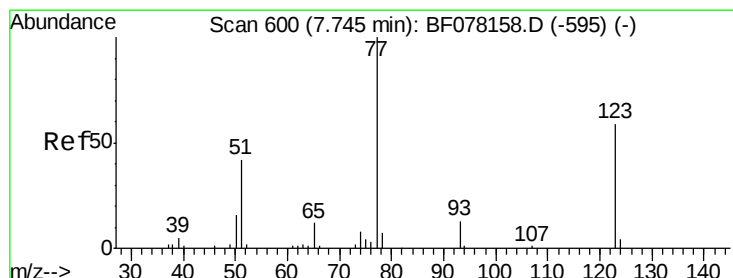
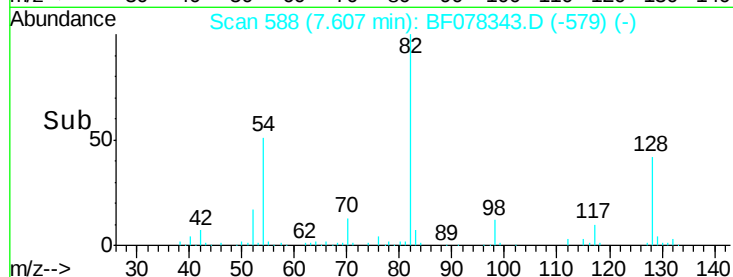
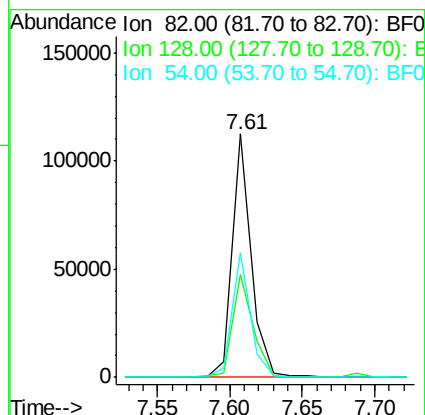
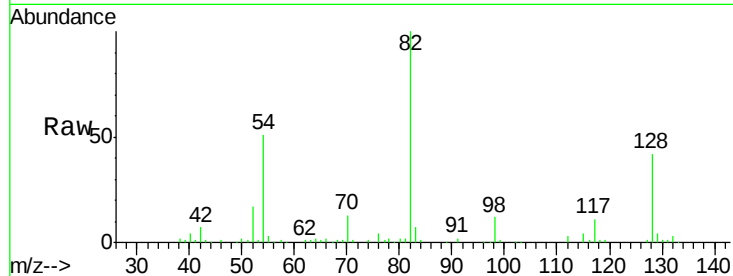




#23
 Nitrobenzene-d5
 Concen: 39.96 ng
 RT: 7.61 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

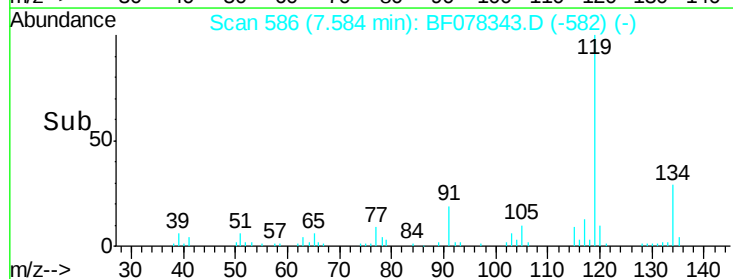
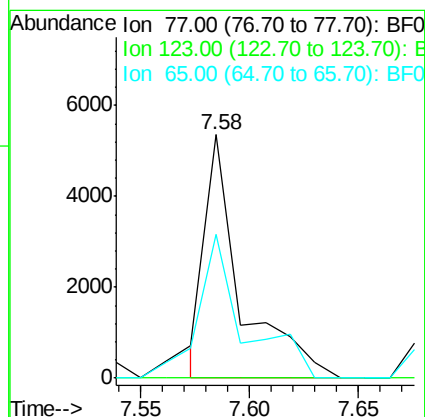
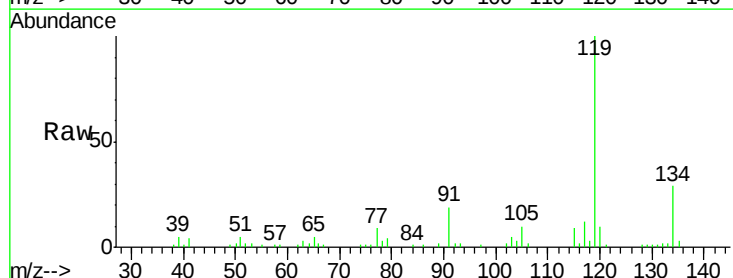
Instrument :
 BNA_F
 ClientSampled :
 SB-6DA

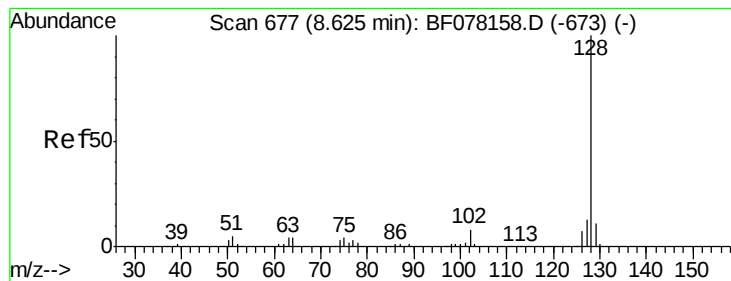
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.8	47.8
54	51.1	41.5	62.3



#24
 Nitrobenzene
 Concen: 2.30 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.06 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	58.8	9.5	14.3#





#31

Naphthalene

Concen: 547.07 ng

RT: 8.53 min Scan# 669

Delta R.T. 0.02 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

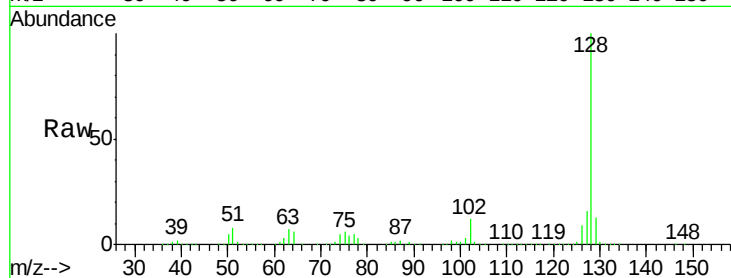
Tgt Ion:128 Resp: 4433738

Ion Ratio Lower Upper

128 100

129 13.3 8.6 12.8#

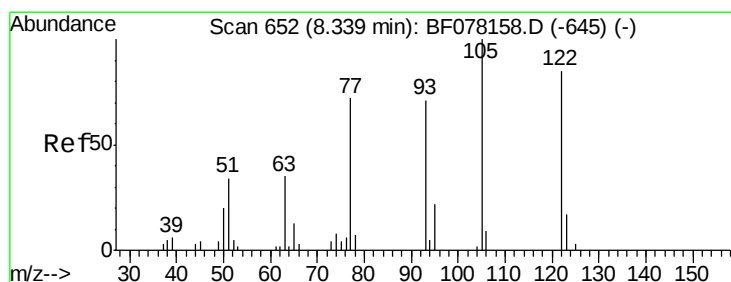
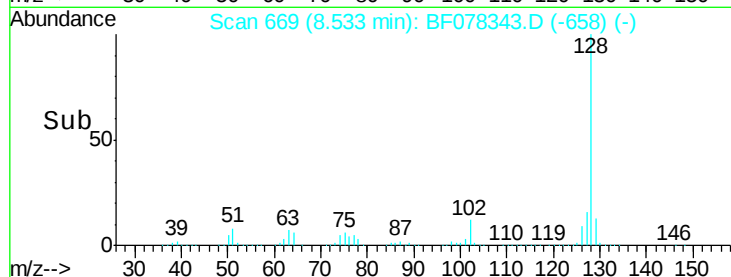
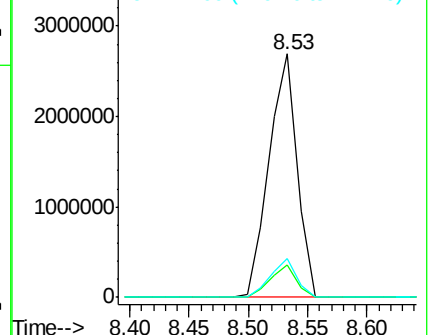
127 15.7 10.7 16.1



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: 6.27 ng

RT: 8.29 min Scan# 648

Delta R.T. 0.05 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

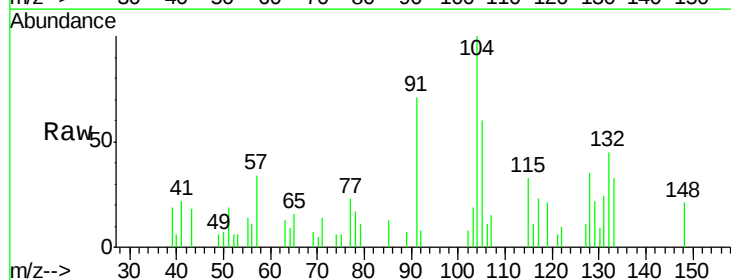
Tgt Ion:122 Resp: 605

Ion Ratio Lower Upper

122 100

105 630.2 96.1 136.1#

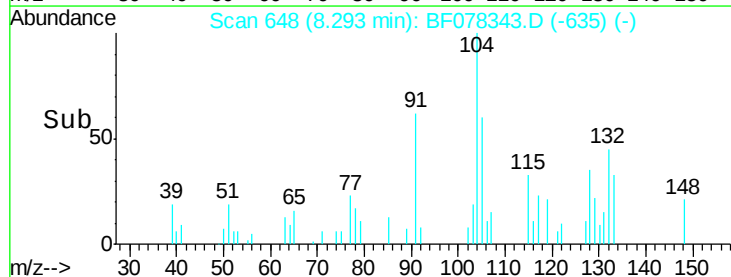
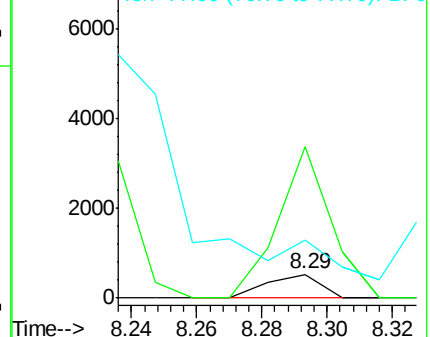
77 240.5 64.1 104.1#

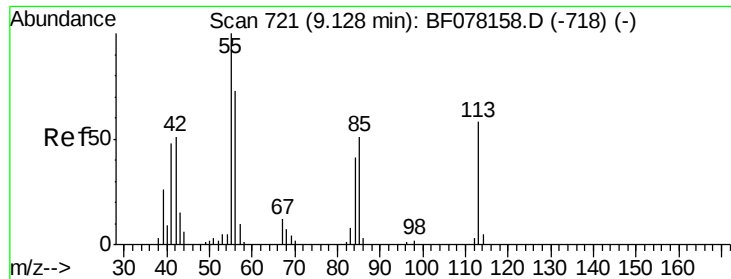


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

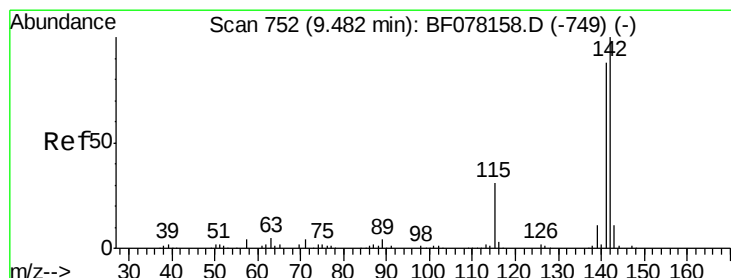
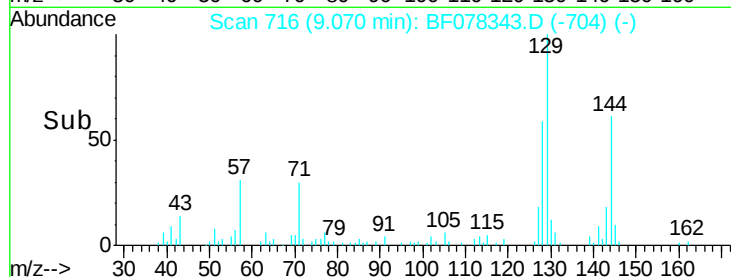
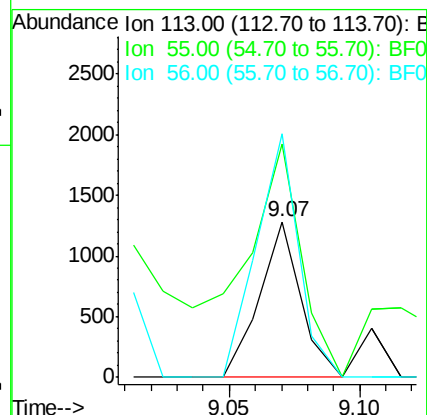
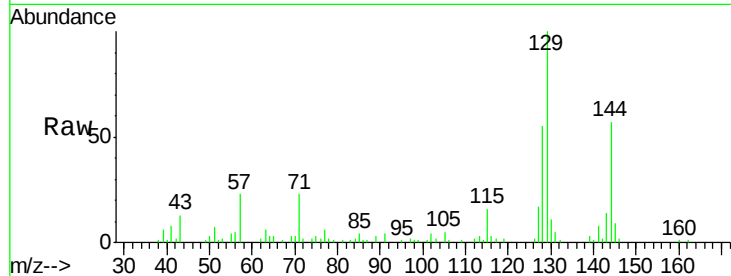




#35
 Caprolactam
 Concen: 2.19 ng
 RT: 9.07 min Scan# 716
 Delta R.T. 0.03 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

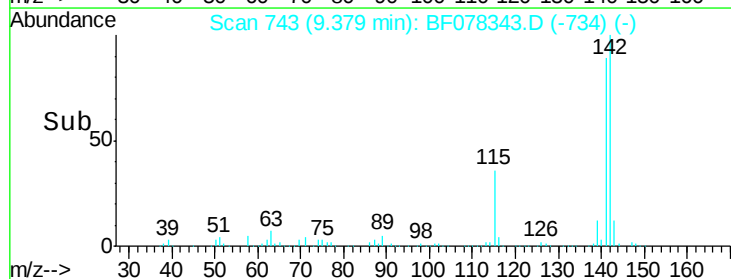
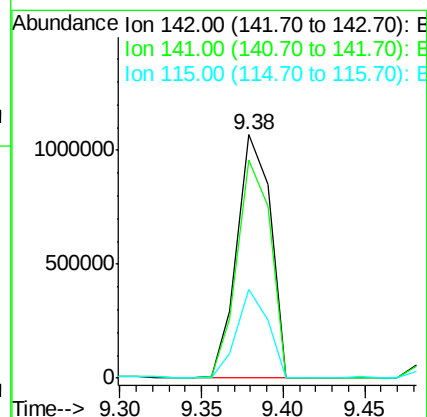
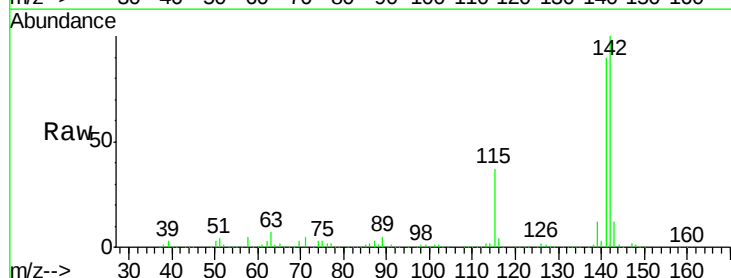
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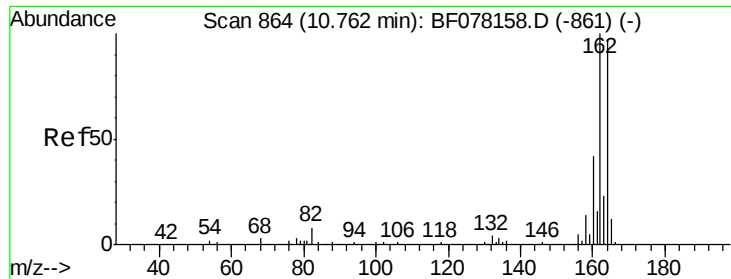
Tgt Ion:113 Resp: 1418
 Ion Ratio Lower Upper
 113 100
 55 150.5 151.9 191.9#
 56 156.7 106.1 146.1#



#37
 2-Methylnaphthalene
 Concen: 276.91 ng
 RT: 9.38 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

Tgt Ion:142 Resp: 1523682
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.3 105.5
 115 36.6 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

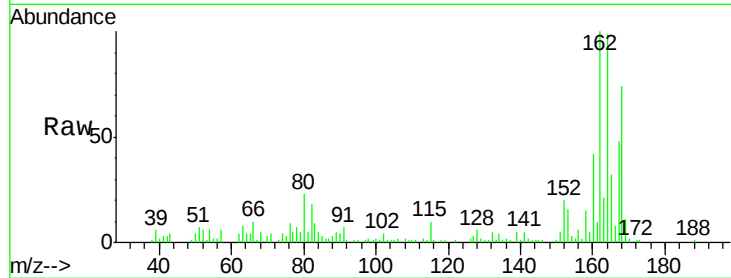
Tgt Ion:164 Resp: 80178

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

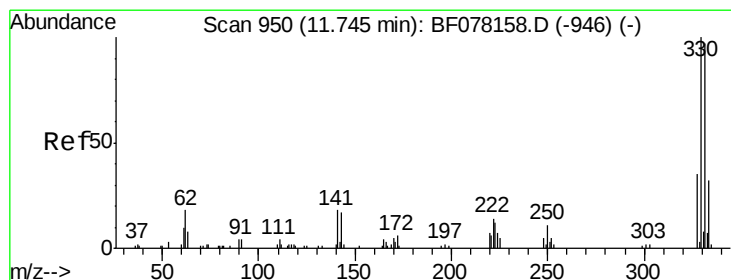
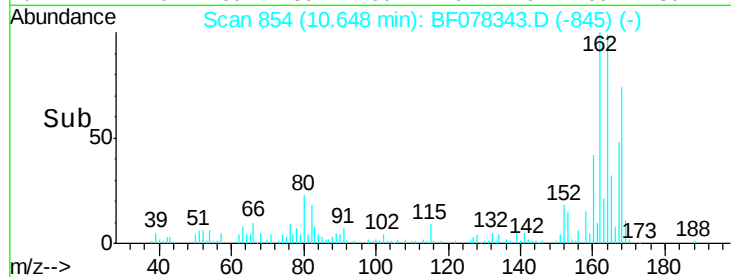
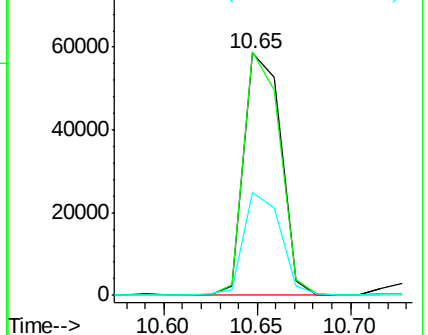
160 42.3 34.7 52.1



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: 75.43 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

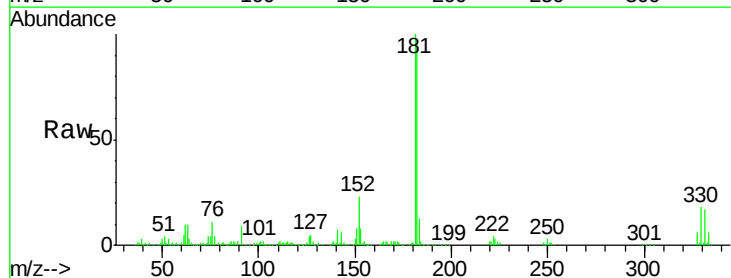
Tgt Ion:330 Resp: 50157

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

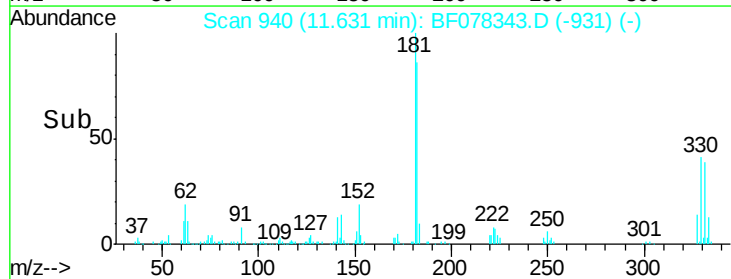
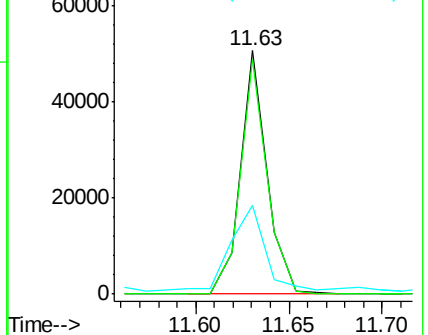
141 44.4 31.2 46.8

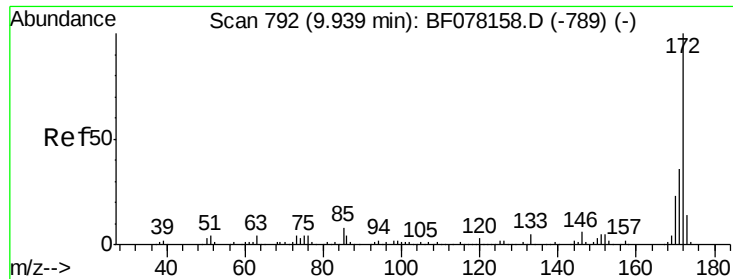


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

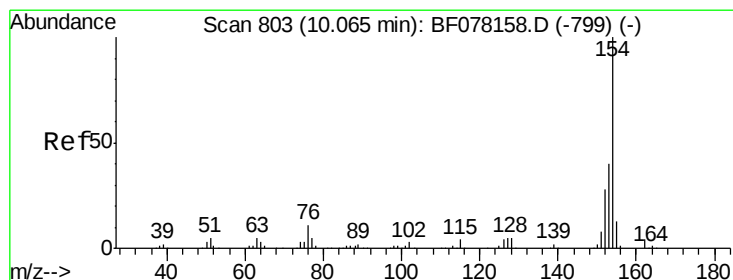
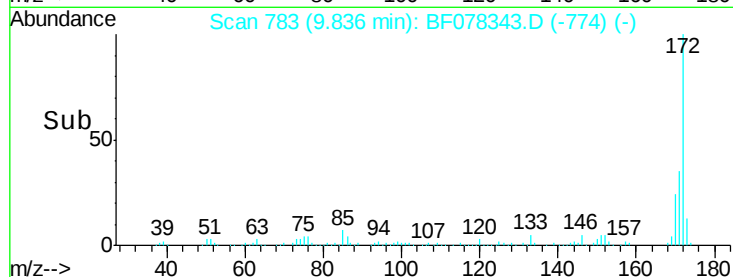
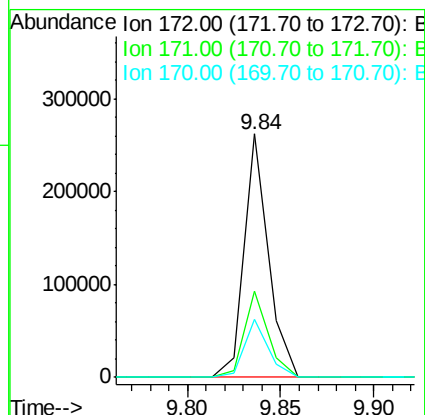
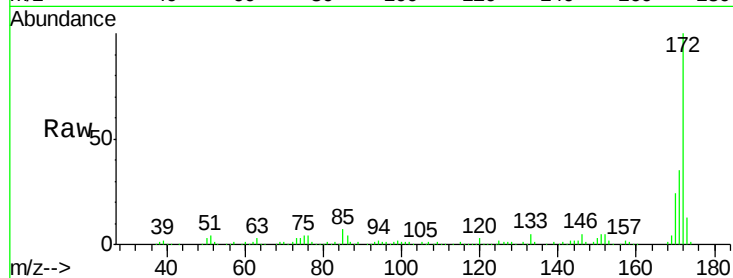




#44
 2-Fluorobiphenyl
 Concen: 42.33 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

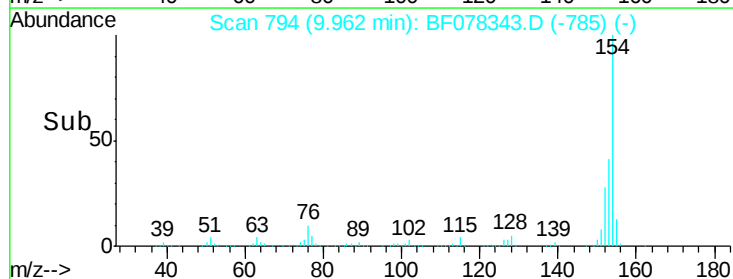
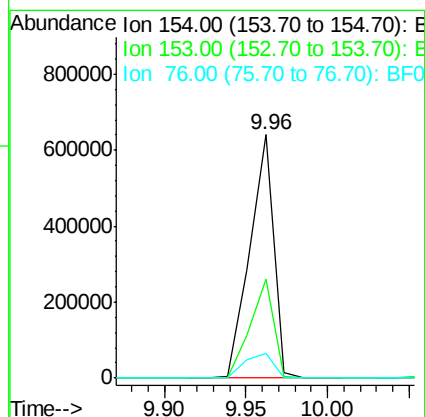
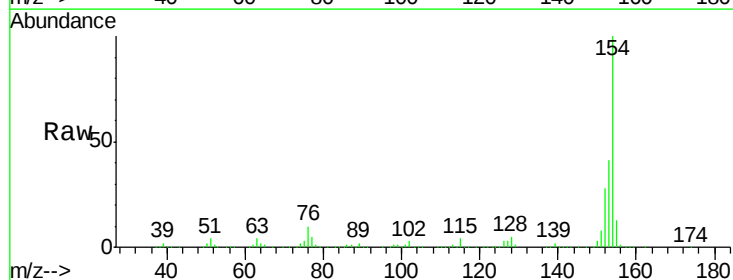
Instrument :
 BNA_F
 ClientSampleId :
 SB-6DA

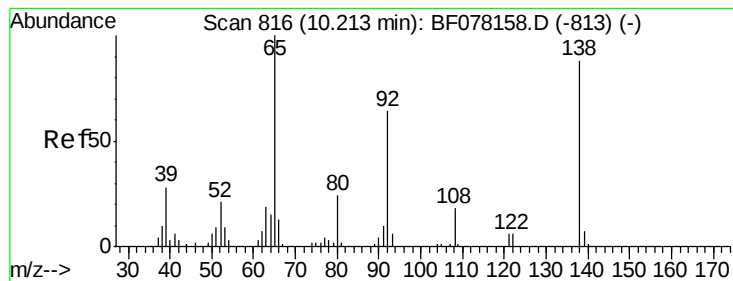
Tgt Ion:172 Resp: 237461
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.9 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 98.92 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

Tgt Ion:154 Resp: 648743
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.0 60.0
 76 10.2 0.0 30.6

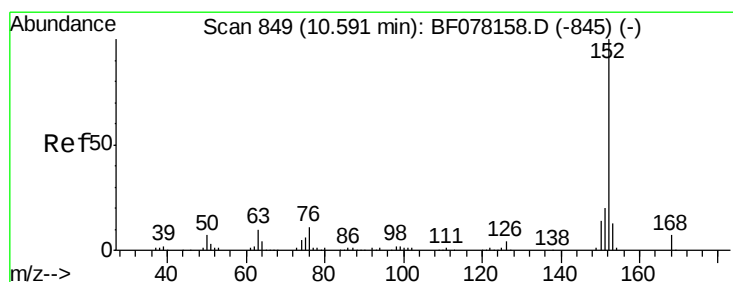
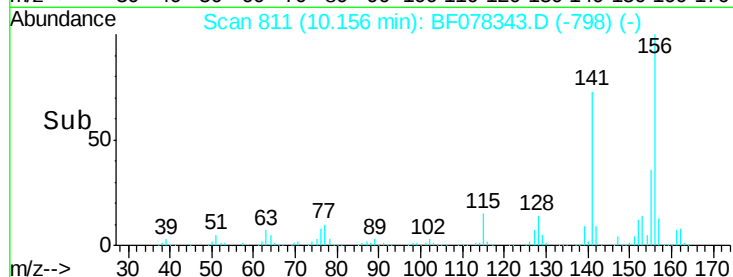
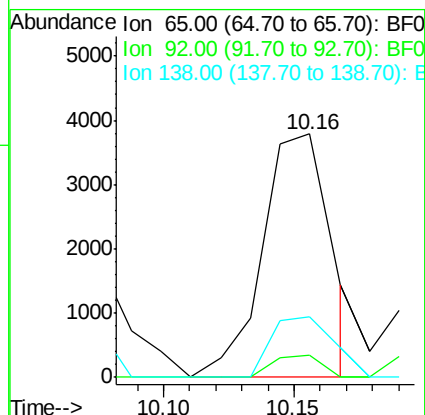
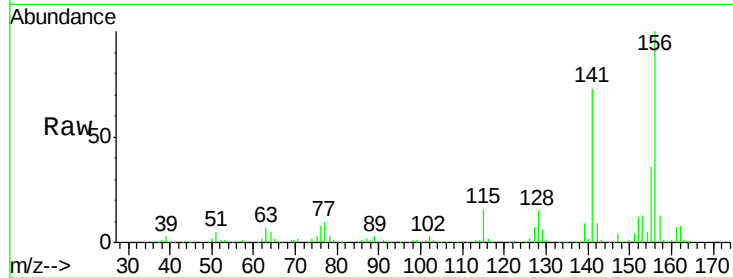




#47
2-Nitroaniline
Concen: 5.41 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.05 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

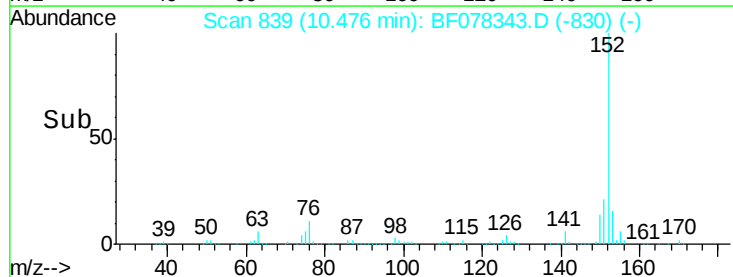
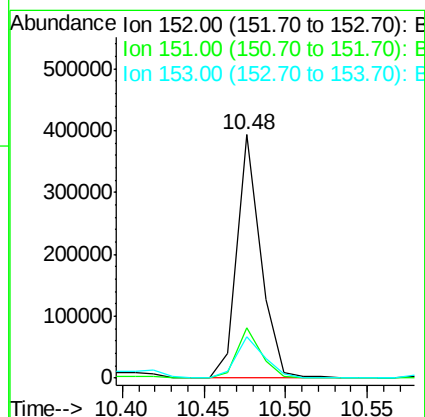
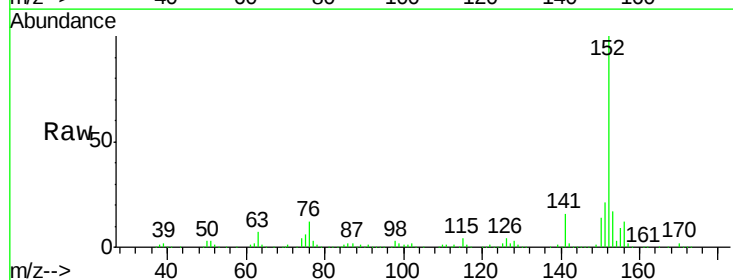
Instrument :
BNA_F
ClientSampleId :
SB-6DA

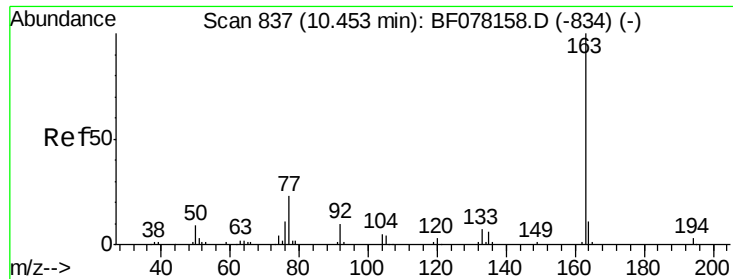
Tgt Ion: 65 Resp: 6909
Ion Ratio Lower Upper
65 100
92 9.0 51.3 76.9#
138 24.8 70.4 105.6#



#48
Acenaphthylene
Concen: 46.97 ng
RT: 10.48 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion: 152 Resp: 391398
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 16.9 10.2 15.2#

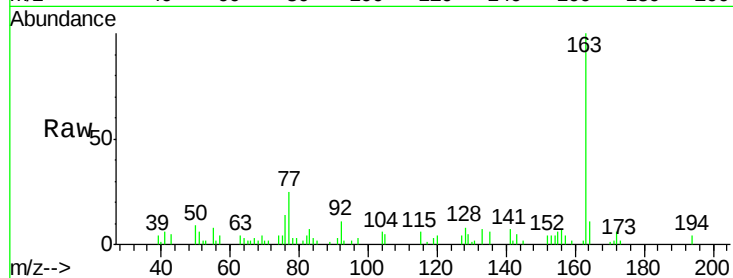




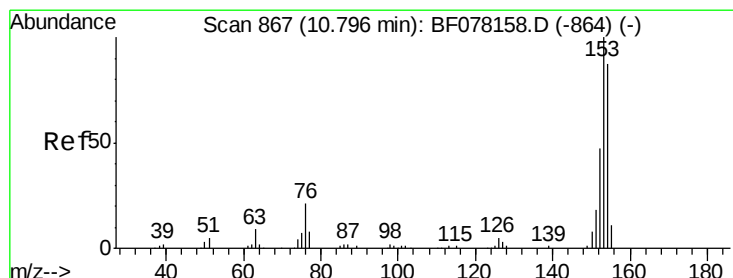
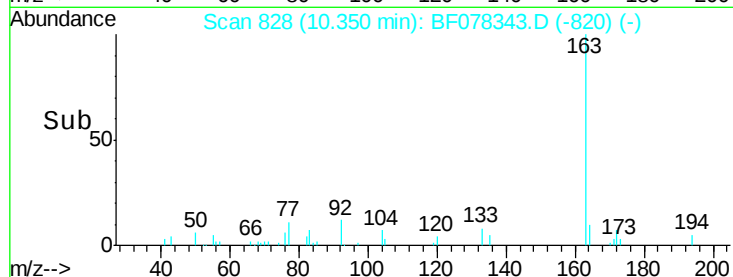
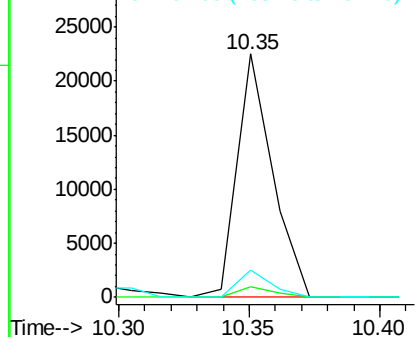
#49
Dimethylphthalate
Concen: 3.57 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Instrument :
BNA_F
ClientSampleId :
SB-6DA

Tgt Ion:163 Resp: 21478
Ion Ratio Lower Upper
163 100
194 4.3 2.3 3.5#
164 11.4 8.6 13.0

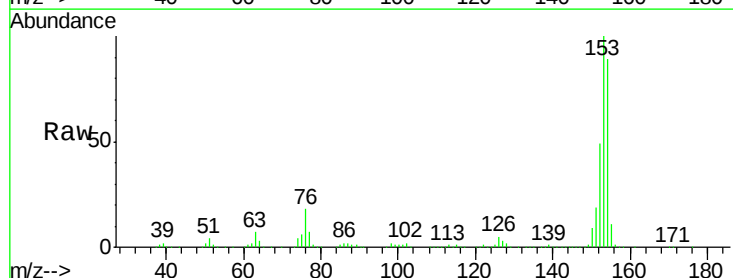


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

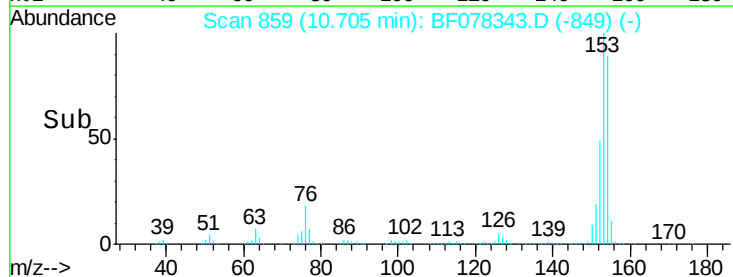
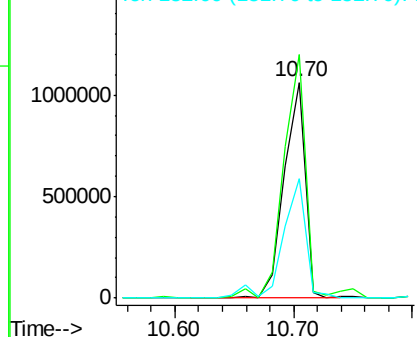


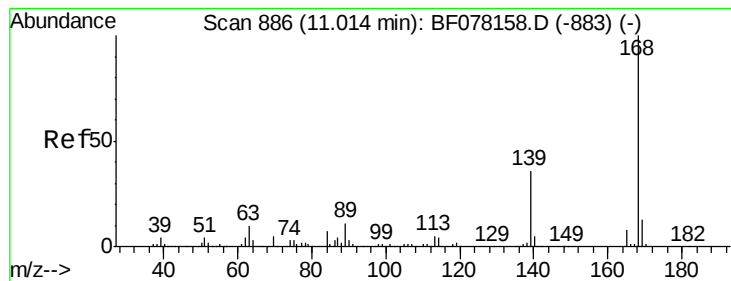
#51
Acenaphthene
Concen: 272.58 ng
RT: 10.70 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion:154 Resp: 1278767
Ion Ratio Lower Upper
154 100
153 113.0 91.4 137.2
152 55.2 43.0 64.6



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





#54

Dibenzenofuran

Concen: 119.47 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

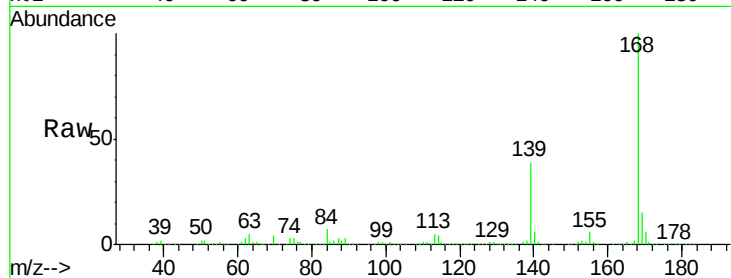
Tgt Ion:168 Resp: 856043

Ion Ratio Lower Upper

168 100

139 39.4 31.0 46.4

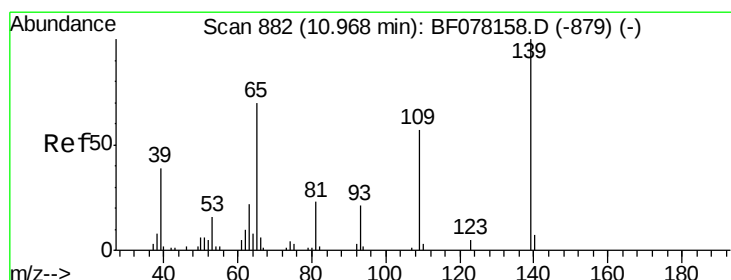
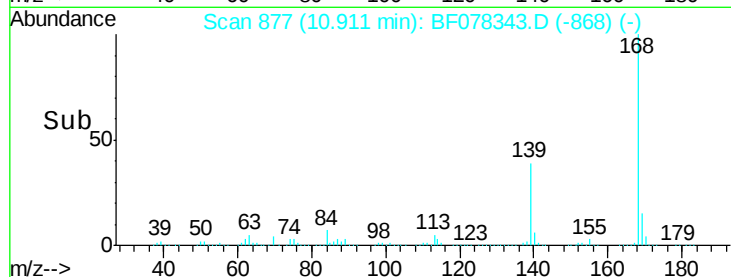
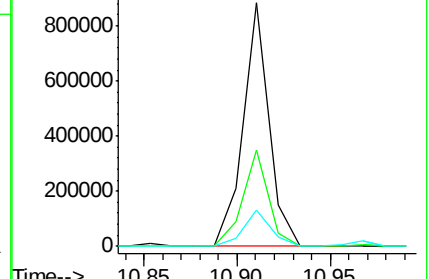
169 14.8 10.7 16.1



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: 311.73 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.05 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

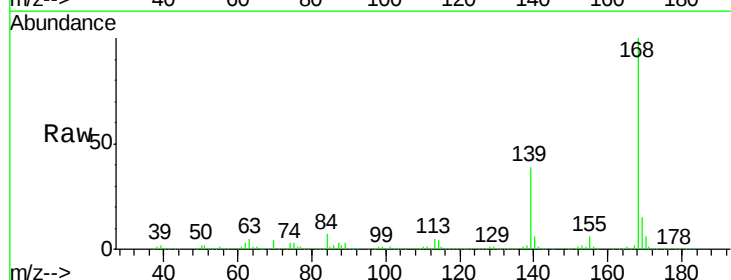
Tgt Ion:139 Resp: 332074

Ion Ratio Lower Upper

139 100

109 0.8 36.7 76.7#

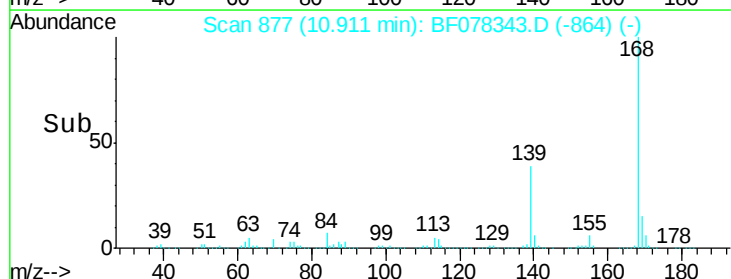
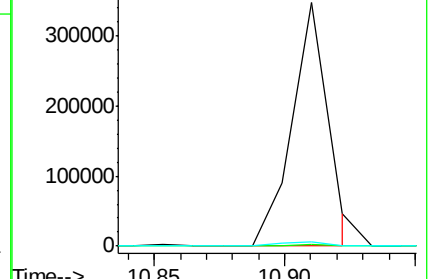
65 1.7 49.9 89.9#

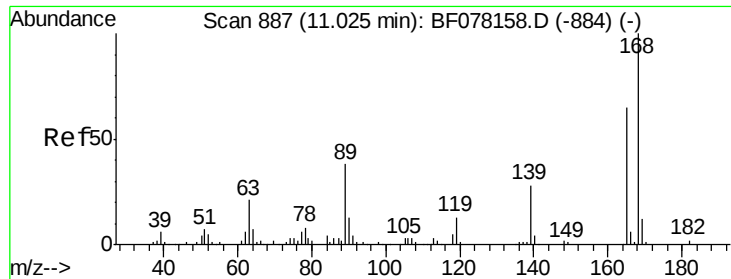


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

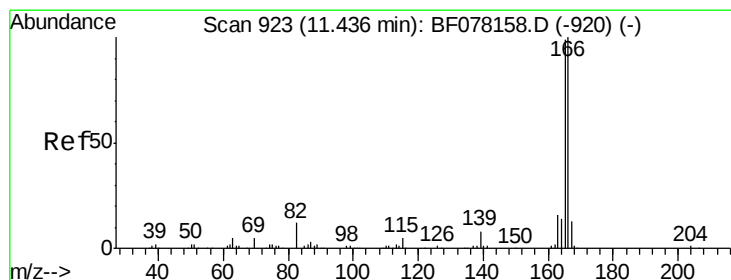
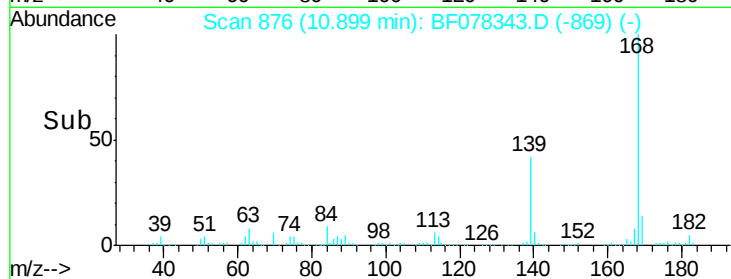
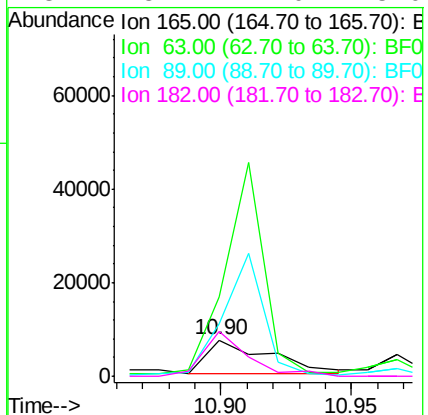
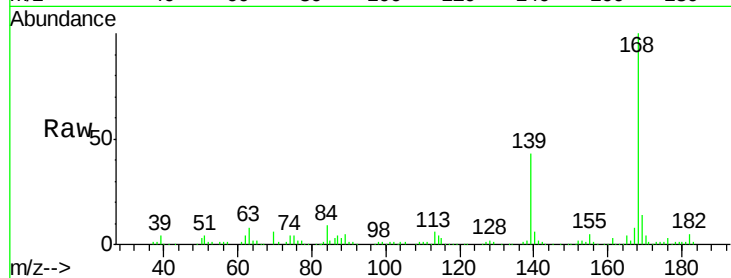




#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

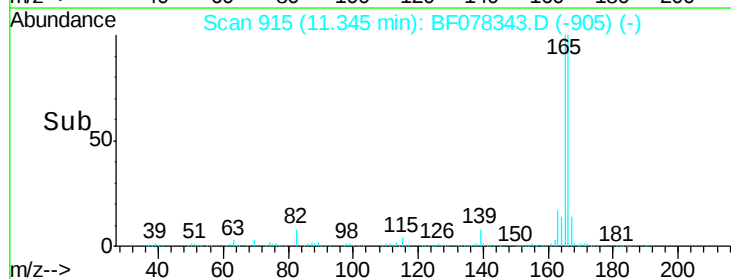
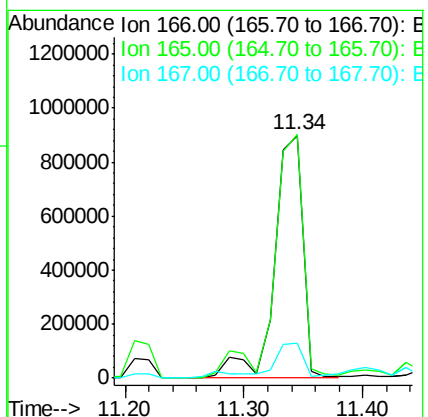
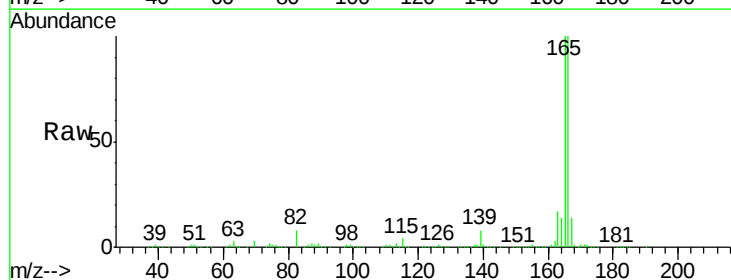
Instrument :
BNA_F
ClientSampleId :
SB-6DA

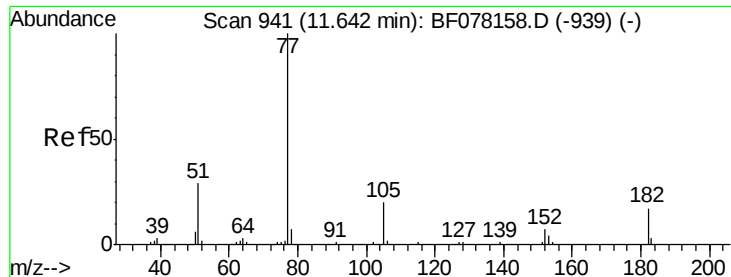
Tgt Ion	Ratio	Lower	Upper
165	100		
63	218.7	26.5	39.7#
89	144.2	46.4	69.6#
182	125.4	2.0	3.0#



#57
Fluorene
Concen: 254.47 ng
RT: 11.34 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.9	118.3
167	14.3	10.7	16.1





#62

Azobenzene

Concen: 3.03 ng

RT: 11.53 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

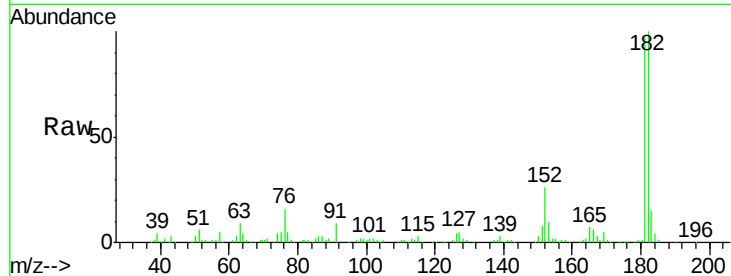
ClientSampleId :

SB-6DA

Tgt Ion: 77 Resp: 16038

Ion Ratio Lower Upper

77	100		
182	1908.1	0.0	36.8#
105	20.9	0.3	40.3
51	106.7	9.1	49.1#



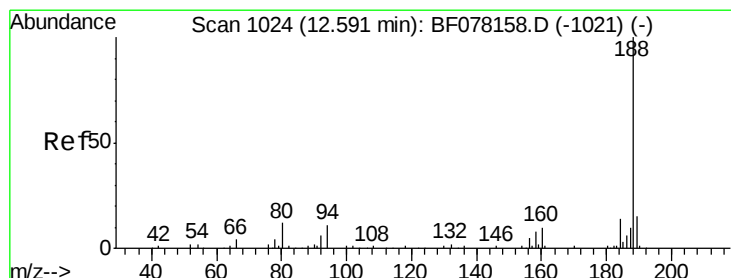
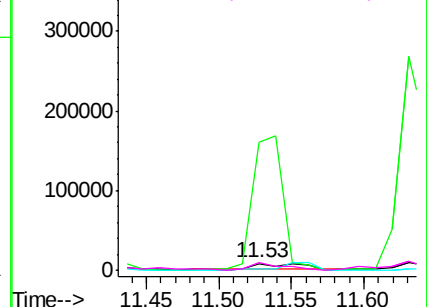
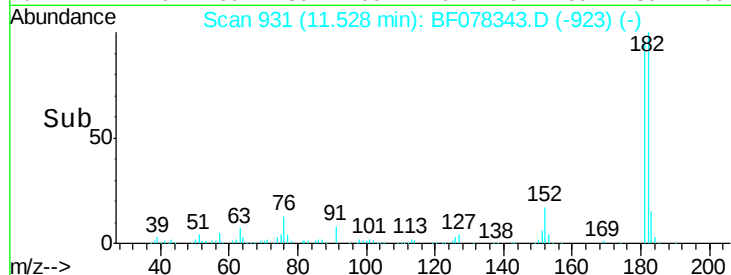
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.49 min Scan# 1015

Delta R.T. 0.01 min

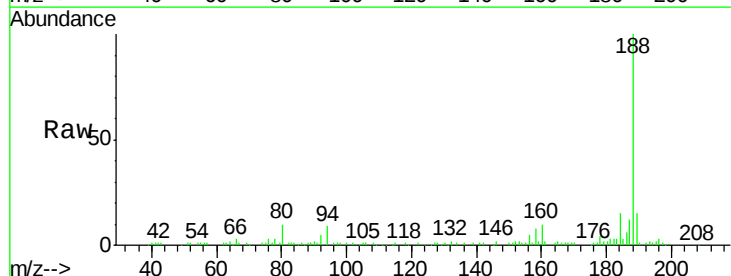
Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Tgt Ion: 188 Resp: 142016

Ion Ratio Lower Upper

188	100		
94	9.0	9.0	13.4
80	10.4	9.5	14.3

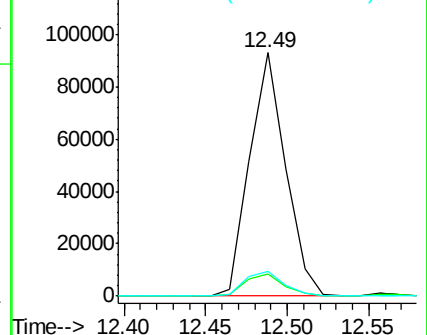
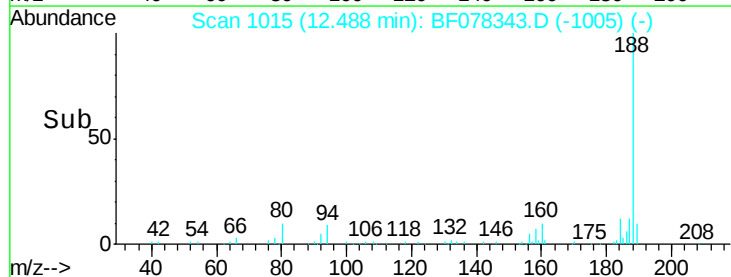


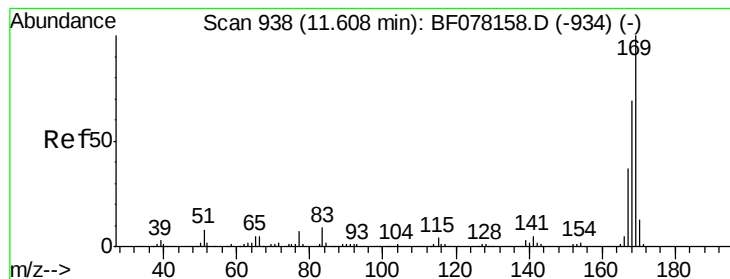
Abundance

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





#65

n-Nitrosodiphenylamine

Concen: 4.24 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

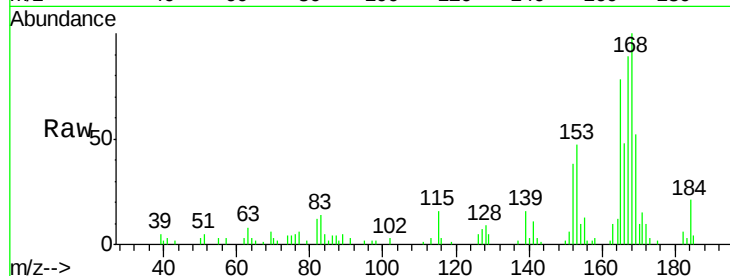
Tgt Ion:169 Resp: 20847

Ion Ratio Lower Upper

169 100

168 193.6 55.0 82.4#

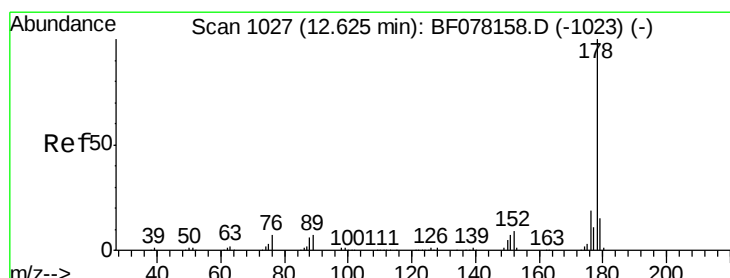
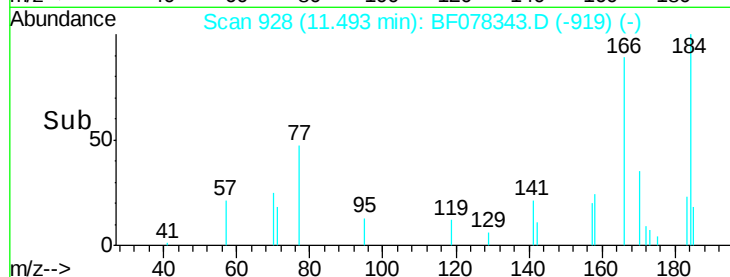
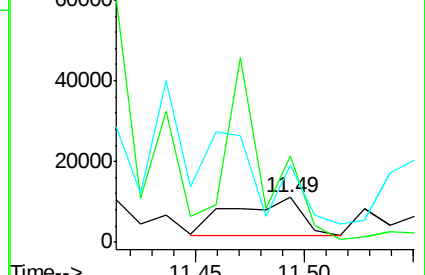
167 172.2 29.3 43.9#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 536.36 ng

RT: 12.53 min Scan# 1019

Delta R.T. 0.02 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

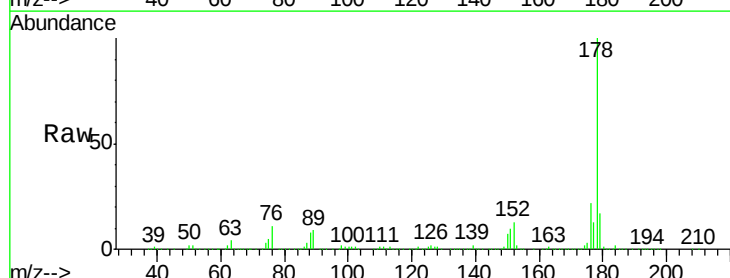
Tgt Ion:178 Resp: 4406142

Ion Ratio Lower Upper

178 100

176 22.1 15.4 23.0

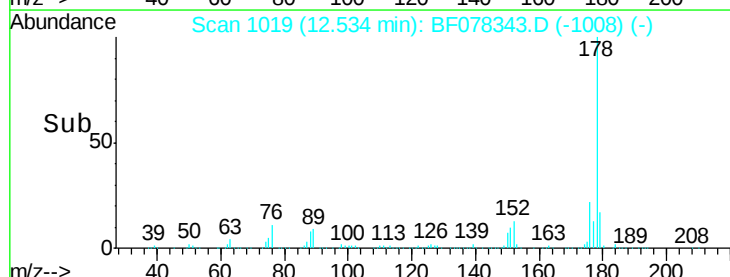
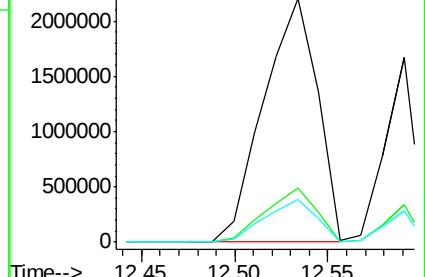
179 17.4 12.2 18.2

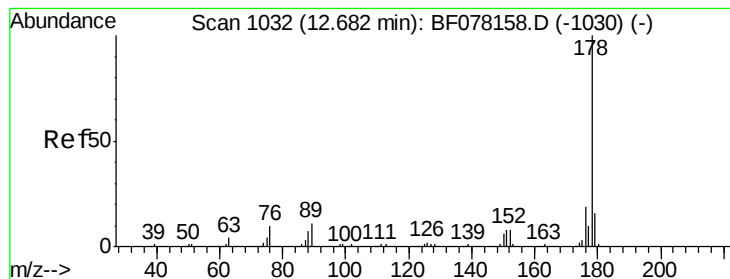


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 218.74 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

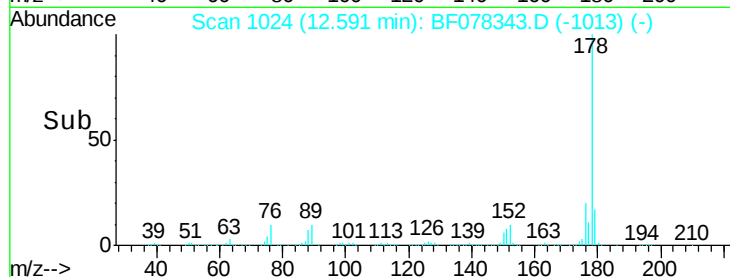
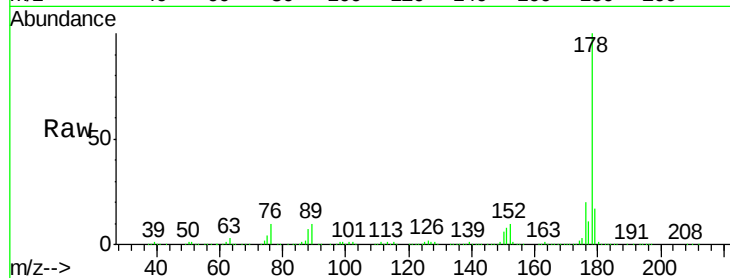
Tgt Ion:178 Resp: 1770668

Ion Ratio Lower Upper

178 100

176 20.5 14.8 22.2

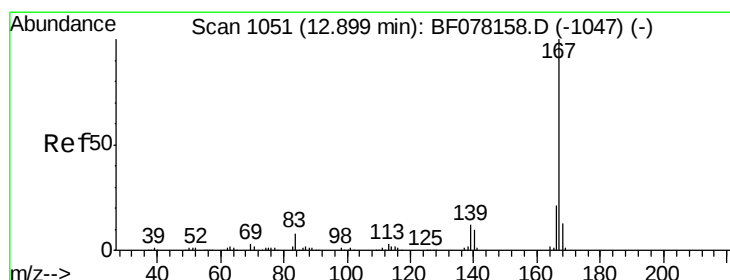
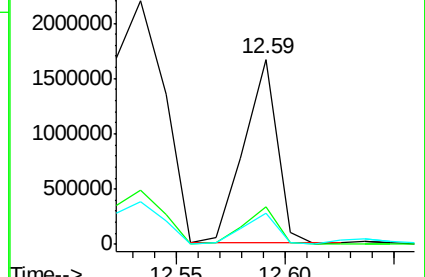
179 16.9 12.4 18.6



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: 34.24 ng

RT: 12.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

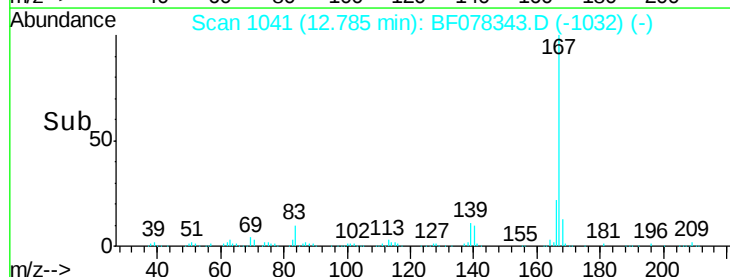
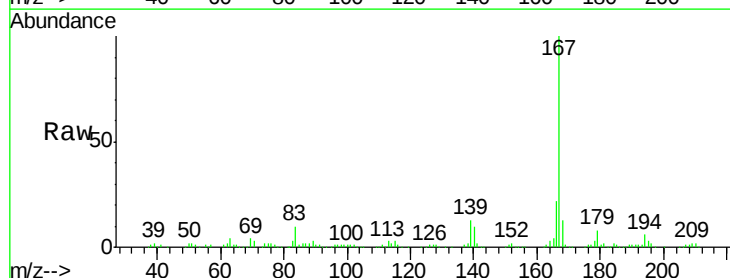
Tgt Ion:167 Resp: 259775

Ion Ratio Lower Upper

167 100

166 22.1 16.8 25.2

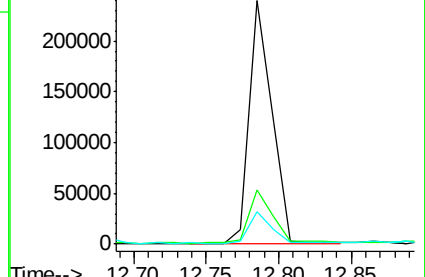
139 13.4 10.0 15.0

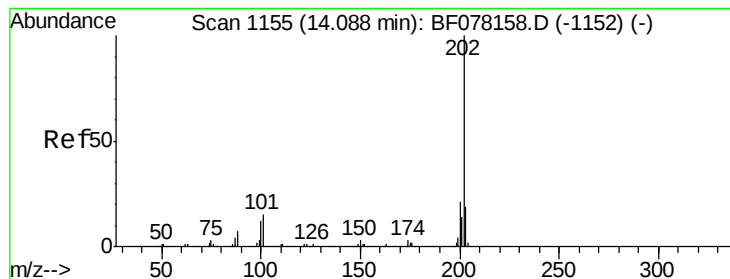


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 310.25 ng

RT: 14.00 min Scan# 1147

Delta R.T. 0.02 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

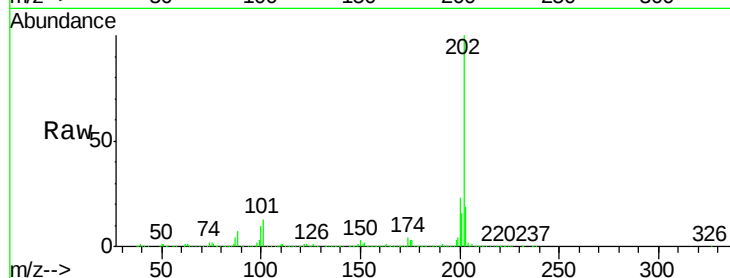
Tgt Ion:202 Resp: 2687854

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.2

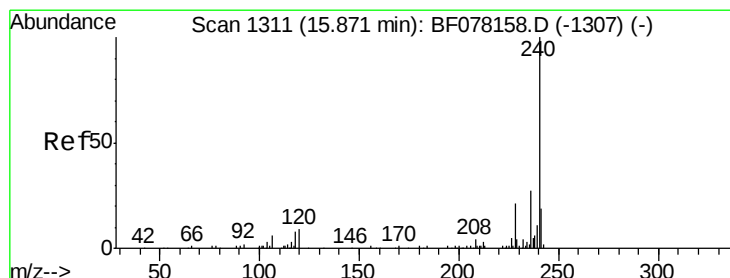
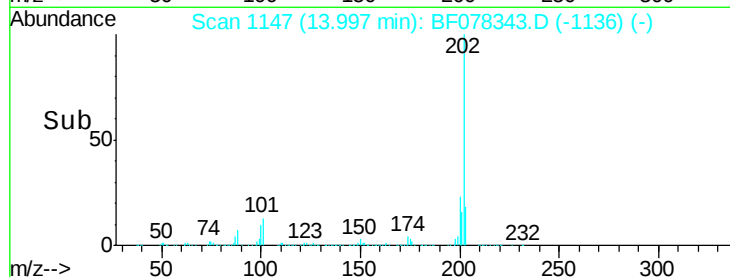
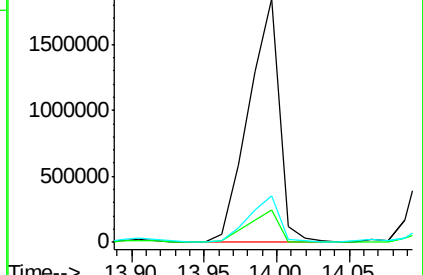
203 19.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

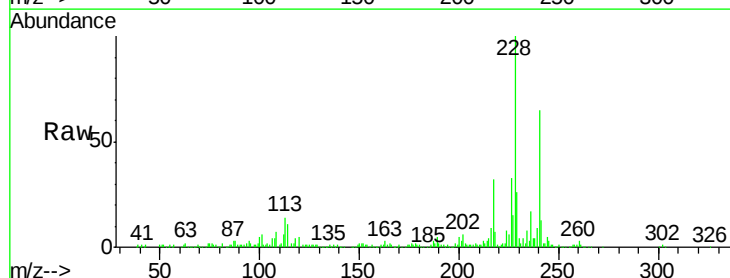
Tgt Ion:240 Resp: 129768

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

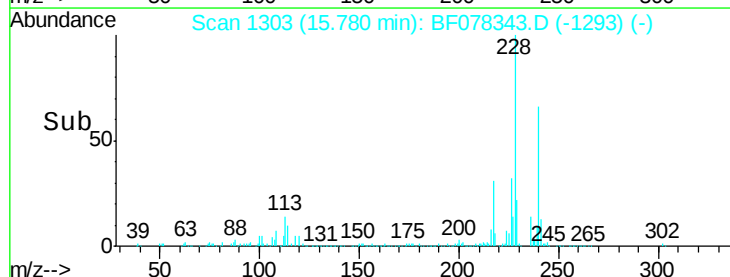
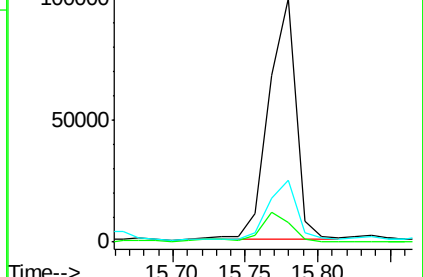
236 25.5 21.4 32.2

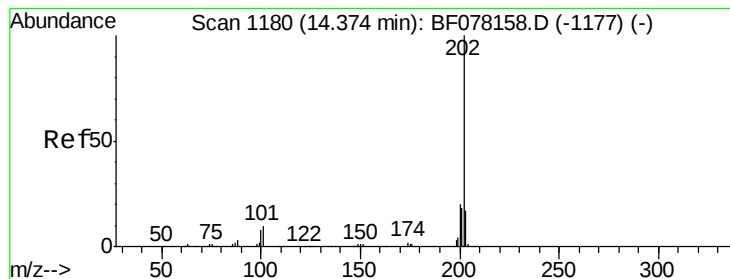


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 333.10 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

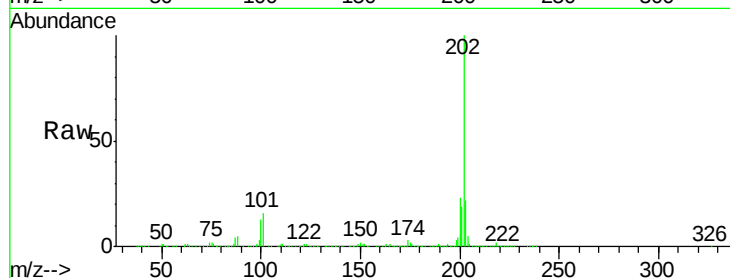
Tgt Ion:202 Resp: 2713489

Ion Ratio Lower Upper

202 100

200 23.4 16.3 24.5

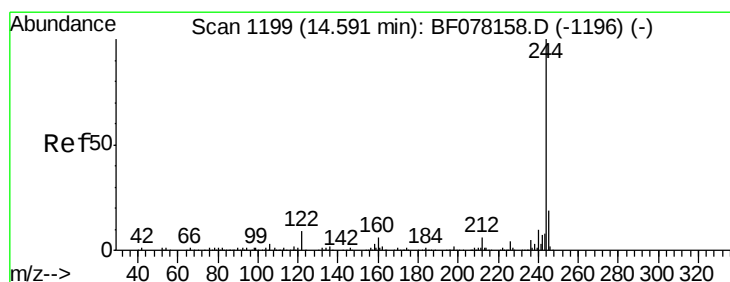
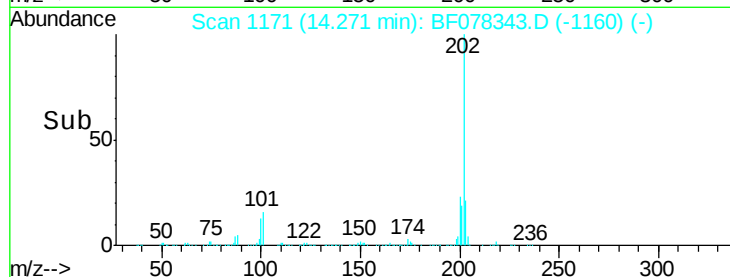
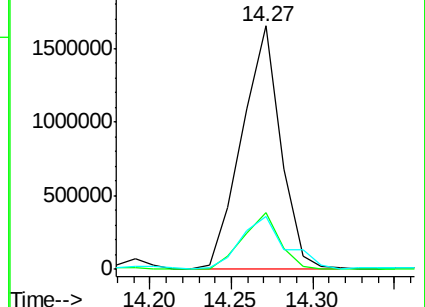
203 21.5 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.52 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

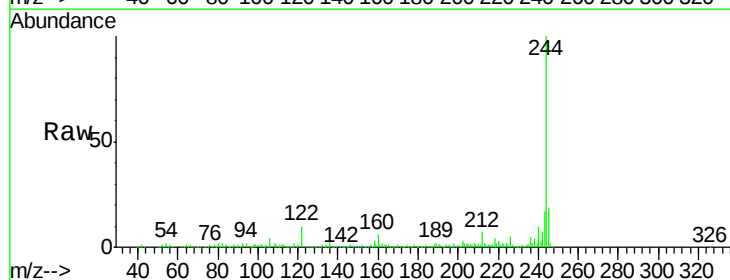
Tgt Ion:244 Resp: 301602

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

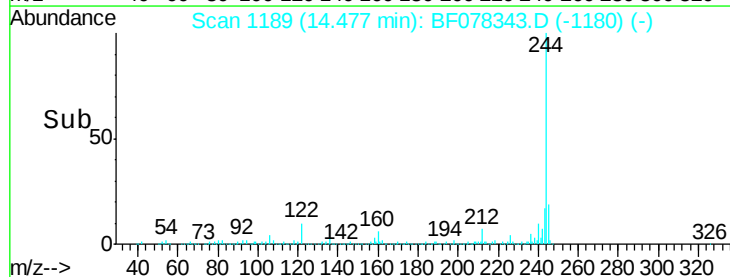
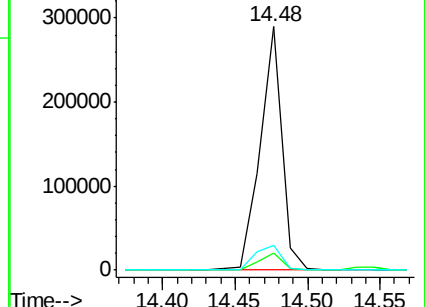
122 10.1 7.1 10.7

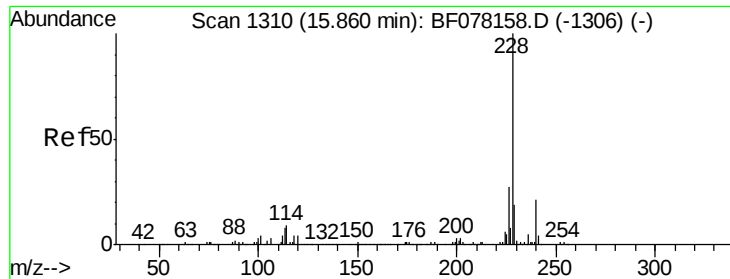


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

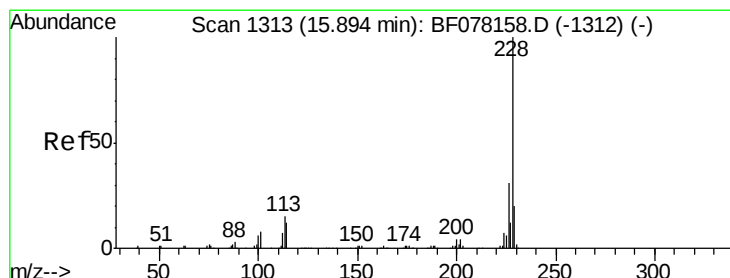
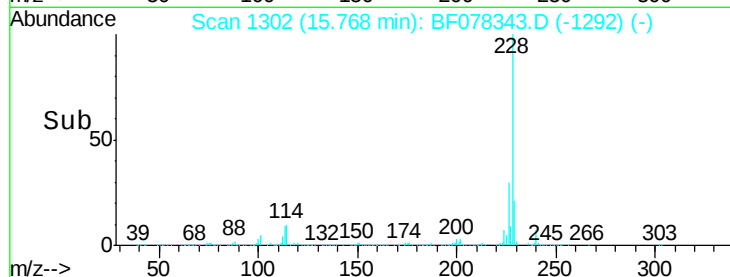
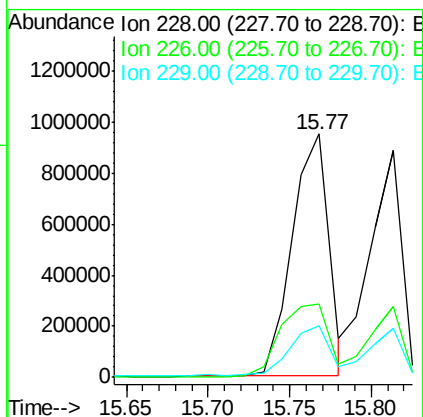
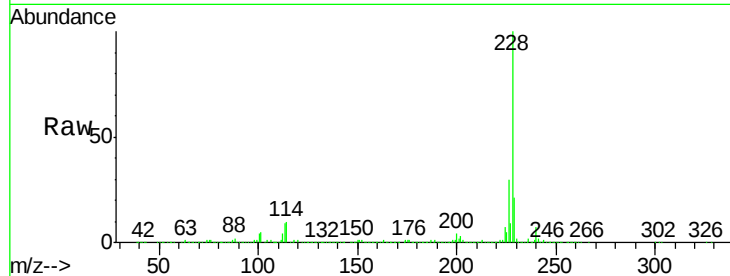




#80
Benzo(a)anthracene
Concen: 192.80 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

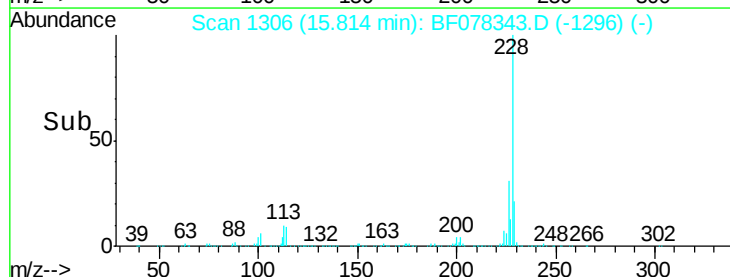
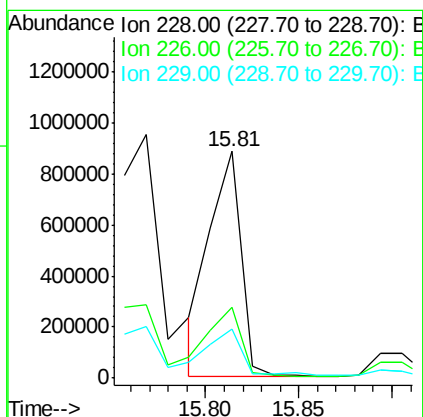
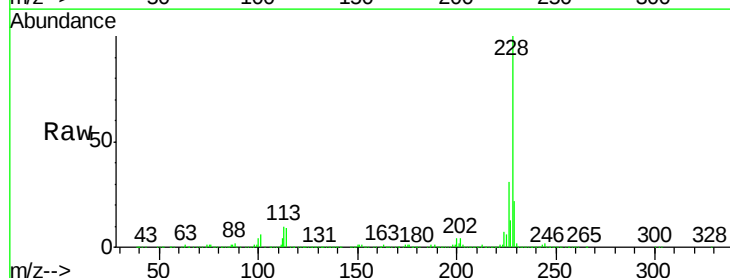
Instrument :
BNA_F
ClientSampleId :
SB-6DA

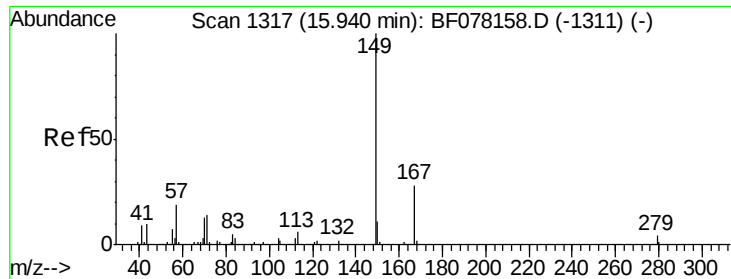
Tgt Ion:228 Resp: 1488579
Ion Ratio Lower Upper
228 100
226 30.0 21.3 31.9
229 21.4 15.4 23.2



#82
Chrysene
Concen: 143.30 ng
RT: 15.81 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion:228 Resp: 1039530
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.4
229 21.9 15.8 23.8

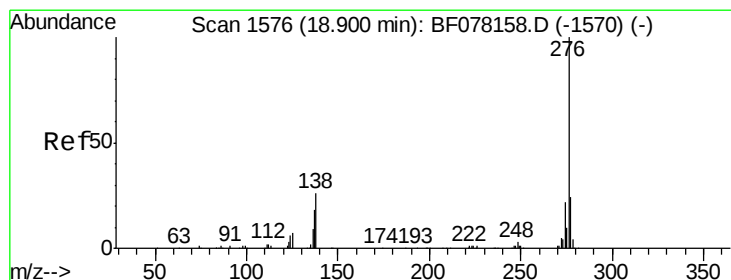
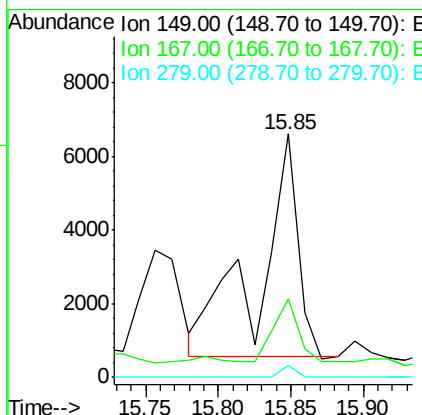
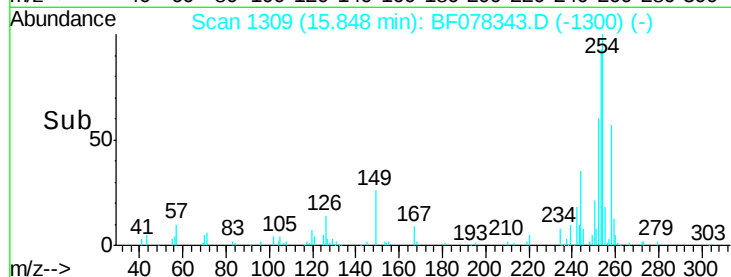
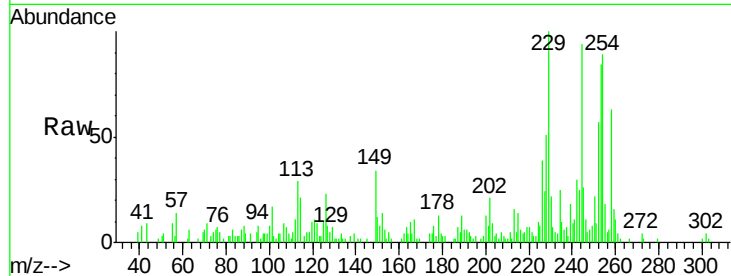




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.31 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

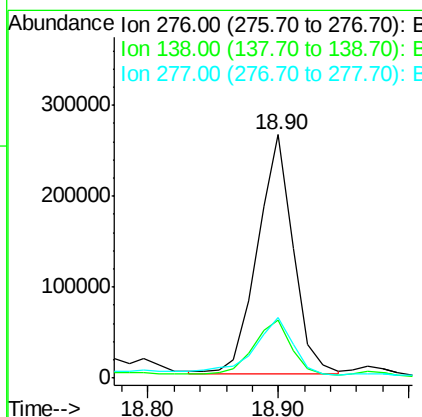
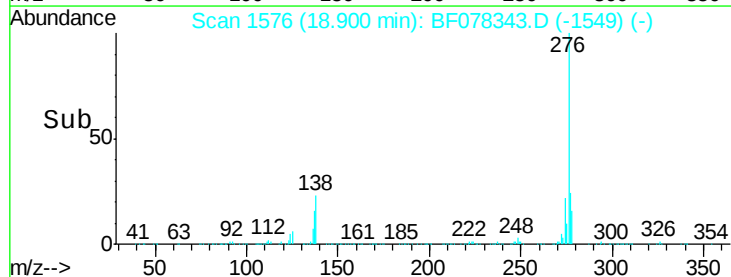
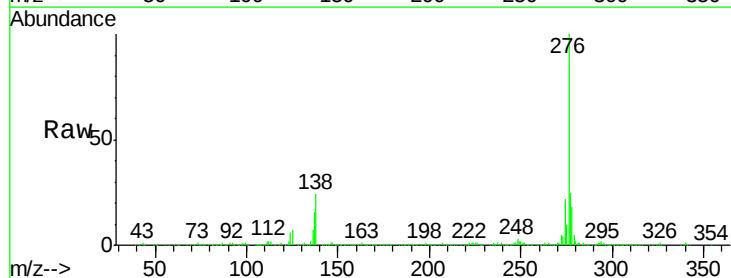
Instrument :
 BNA_F
 ClientSampleId :
 SB-6DA

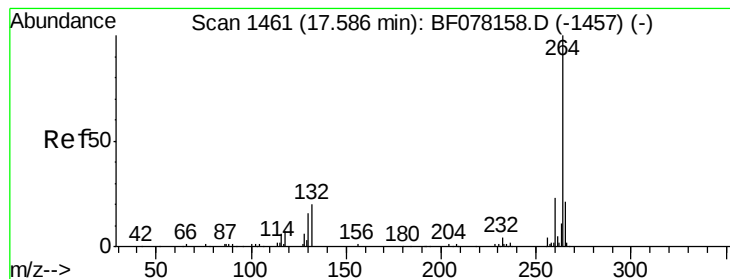
Tgt Ion:149 Resp: 11227
 Ion Ratio Lower Upper
 149 100
 167 32.4 22.2 33.2
 279 5.1 3.2 4.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.10 ng
 RT: 18.90 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF078343.D
 Acq: 8 Apr 2015 19:36

Tgt Ion:276 Resp: 502957
 Ion Ratio Lower Upper
 276 100
 138 25.9 16.9 25.3#
 277 27.2 15.8 23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.57 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

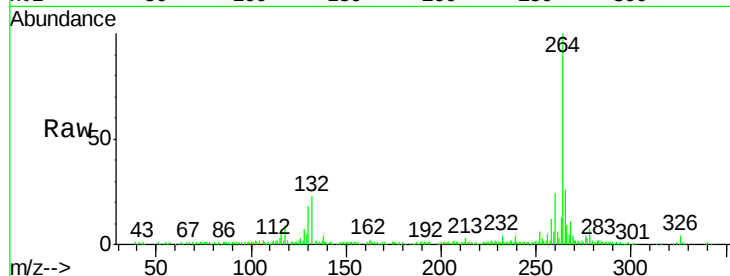
Tgt Ion:264 Resp: 149073

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

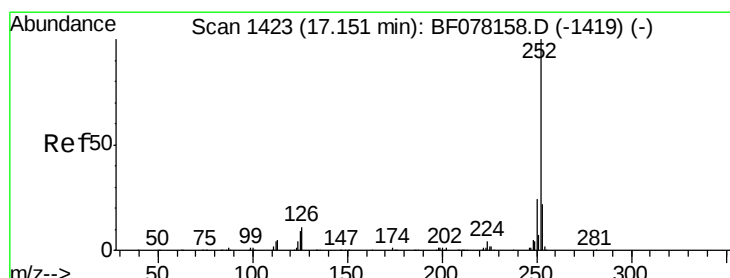
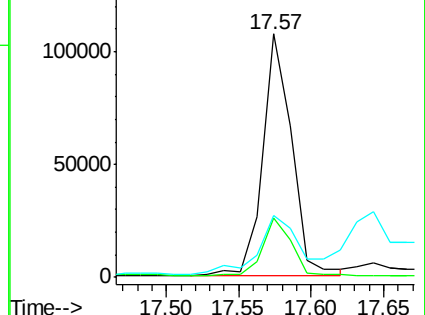
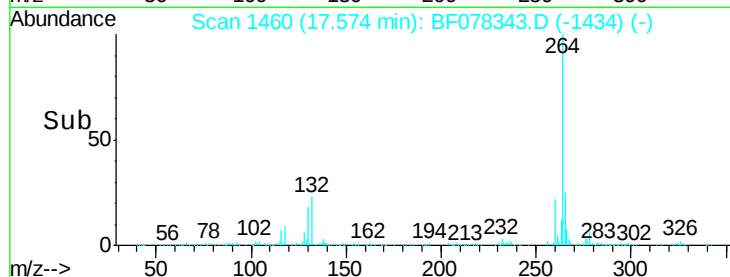
265 25.6 17.0 25.6#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 175.87 ng

RT: 17.12 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

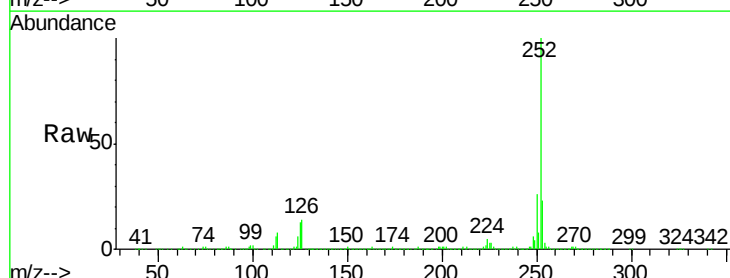
Tgt Ion:252 Resp: 1620324

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

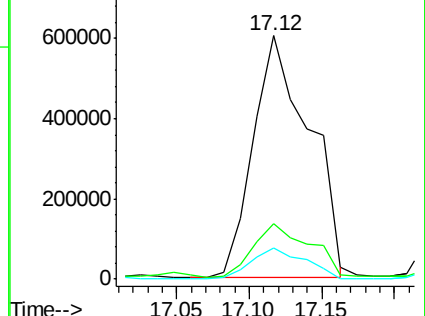
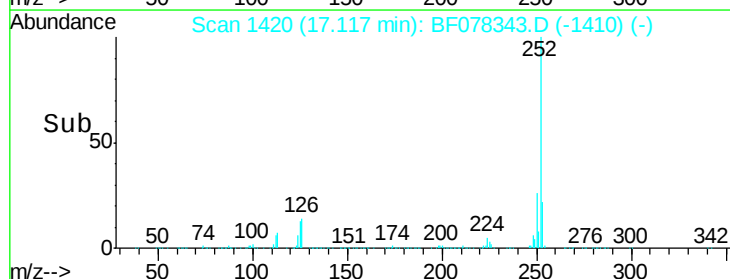
125 12.9 7.0 10.4#

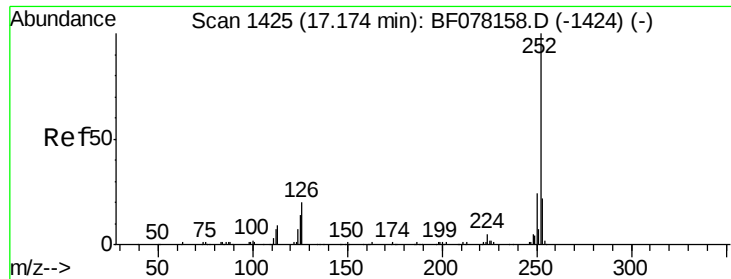


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

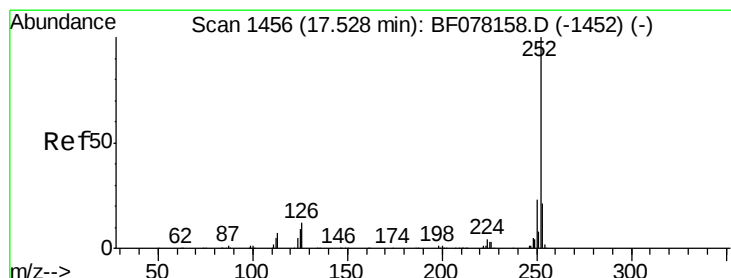
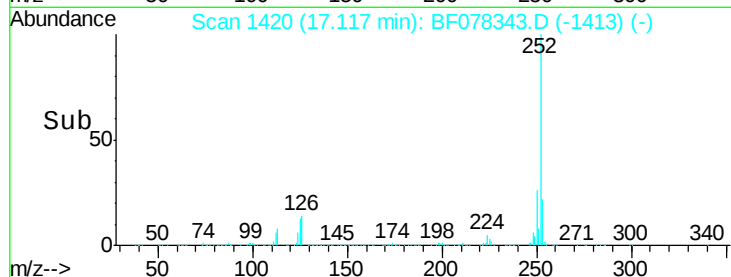
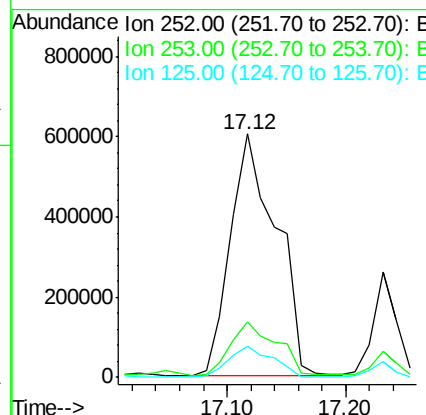
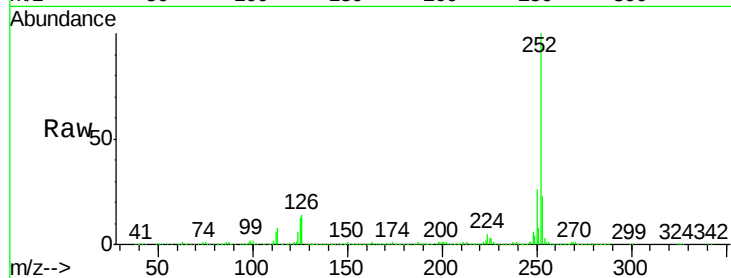




#88
Benzo(k)fluoranthene
Concen: 200.30 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

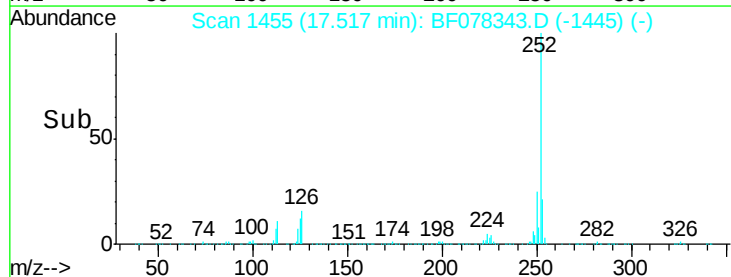
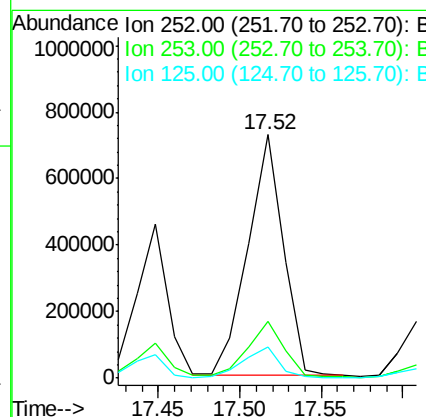
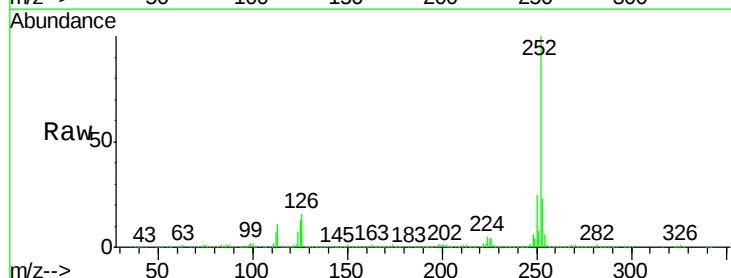
Instrument :
BNA_F
ClientSampleId :
SB-6DA

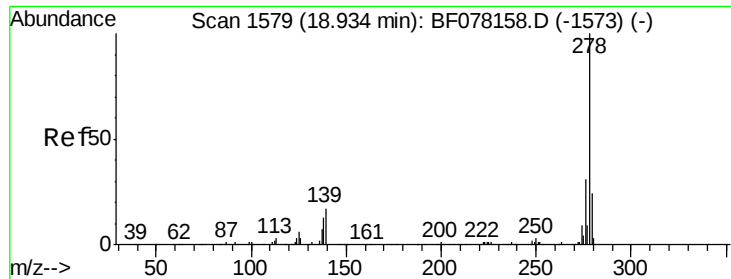
Tgt Ion:252 Resp: 1639941
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.9 11.6 17.4



#89
Benzo(a)pyrene
Concen: 136.36 ng
RT: 17.52 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF078343.D
Acq: 8 Apr 2015 19:36

Tgt Ion:252 Resp: 1096460
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 12.7 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 16.43 ng

RT: 18.91 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

Instrument :

BNA_F

ClientSampleId :

SB-6DA

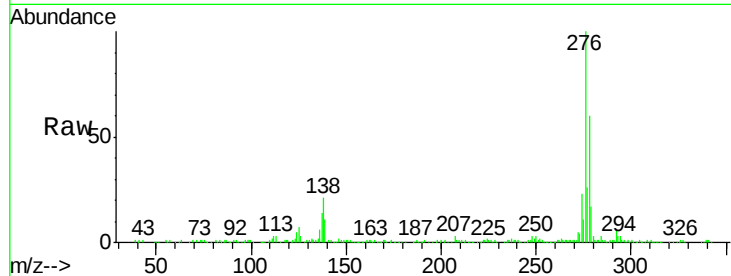
Tgt Ion:278 Resp: 132243

Ion Ratio Lower Upper

278 100

139 19.2 13.6 20.4

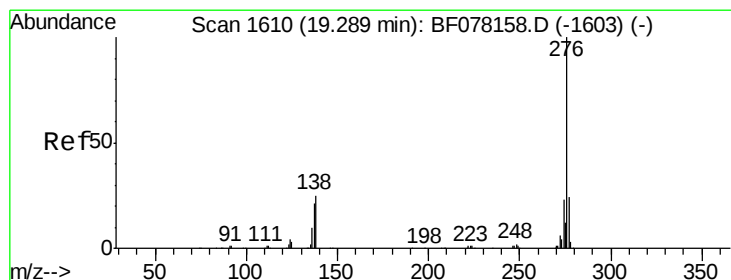
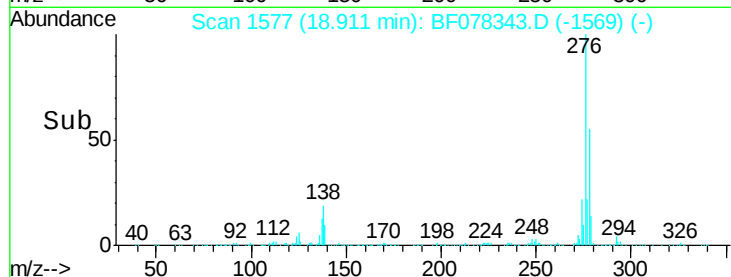
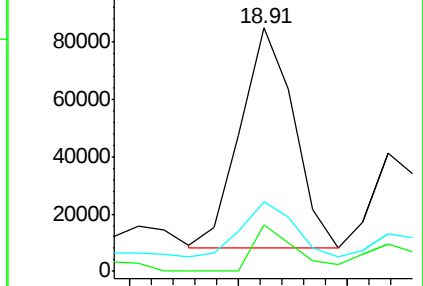
279 28.6 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 57.57 ng

RT: 19.27 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF078343.D

Acq: 8 Apr 2015 19:36

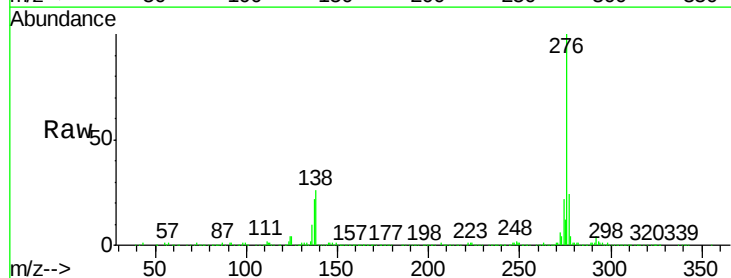
Tgt Ion:276 Resp: 464627

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 26.4 19.9 29.9



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

