

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078390.D
 Acq On : 10 Apr 2015 8:17
 Operator : TP/IZ
 Sample : G1793-07DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

Quant Time: Apr 10 08:01:45 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 11:29:31 2015
 Response via : Initial Calibration

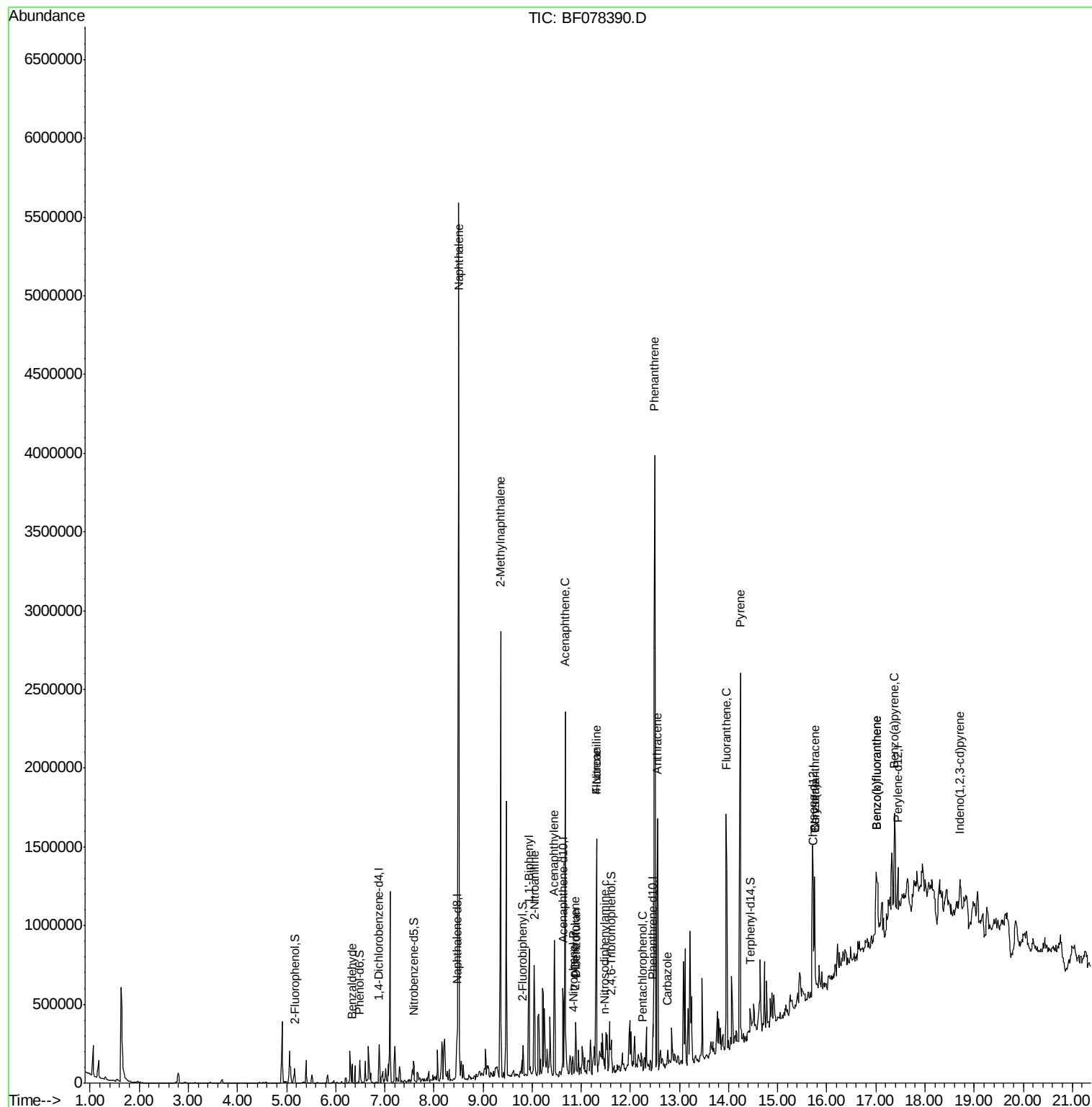
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	39473	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	160404	20.00	ng	0.01
38) Acenaphthene-d10	10.63	164	83614	20.00	ng	-0.01
63) Phenanthrene-d10	12.45	188	150854	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	146739	20.00	ng	-0.02
86) Perylene-d12	17.45	264	149496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	39869	16.65	ng	-0.01
7) Phenol-d6	6.49	99	51715	17.24	ng	0.01
23) Nitrobenzene-d5	7.58	82	25285	9.55	ng	0.00
41) 2,4,6-Tribromophenol	11.61	330	10111	14.58	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	60363	10.32	ng	0.00
78) Terphenyl-d14	14.44	244	62579	9.64	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	6695	3.37	ng	# 1
31) Naphthalene	8.51	128	3358895	402.32	ng	95
37) 2-Methylnaphthalene	9.36	142	812992	143.43	ng	96
45) 1,1'-Biphenyl	9.94	154	356831	52.17	ng	99
47) 2-Nitroaniline	10.04	65	3060	2.30	ng	# 36
48) Acenaphthylene	10.45	152	311743	35.88	ng	# 97
51) Acenaphthene	10.67	154	516606	105.59	ng	99
54) Dibenzofuran	10.89	168	125191	16.75	ng	93
55) 4-Nitrophenol	10.83	139	1531	4.13	ng	# 65
56) 2,4-Dinitrotoluene	10.88	165	5688	3.40	ng	# 12
57) Fluorene	11.31	166	546248	90.18	ng	98
61) 4-Nitroaniline	11.31	138	5309	3.57	ng	# 31
65) n-Nitrosodiphenylamine	11.47	169	11085	2.12	ng	# 1
69) Pentachlorophenol	12.25	266	208	8.00	ng	# 19
70) Phenanthrene	12.50	178	2024120	231.96	ng	97
71) Anthracene	12.56	178	743679	86.49	ng	100
72) Carbazole	12.76	167	36797	4.57	ng	96
74) Fluoranthene	13.95	202	916074	99.55	ng	98
77) Pyrene	14.24	202	1263086	137.12	ng	97
80) Benzo(a)anthracene	15.76	228	229381	26.27	ng	94
82) Chrysene	15.76	228	319845	38.99	ng	98
85) Indeno(1,2,3-cd)pyrene	18.71	276	117676	12.64	ng	# 88
87) Benzo(b)fluoranthene	17.01	252	362391	39.22	ng	# 88
88) Benzo(k)fluoranthene	17.01	252	363168	44.23	ng	# 91
89) Benzo(a)pyrene	17.38	252	326071	40.44	ng	# 88

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
Data File : BF078390.D
Acq On : 10 Apr 2015 8:17
Operator : TP/IZ
Sample : G1793-07DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5DDL

Quant Time: Apr 10 08:01:45 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 11:29:31 2015
Response via : Initial Calibration

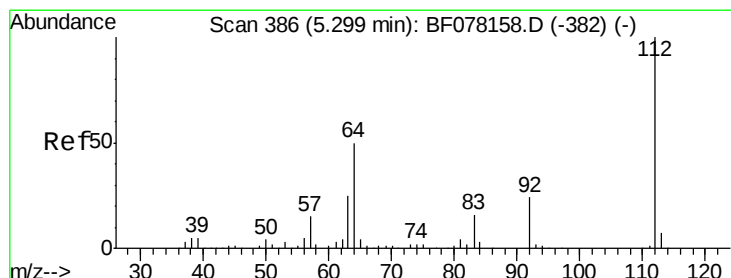
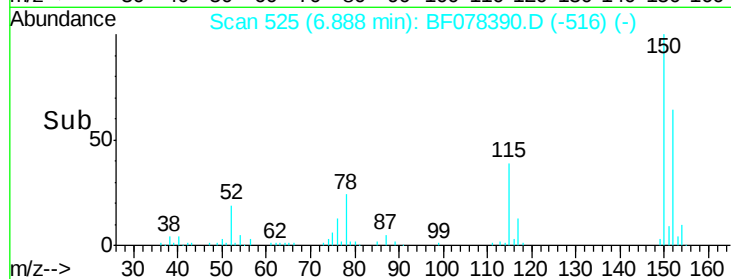
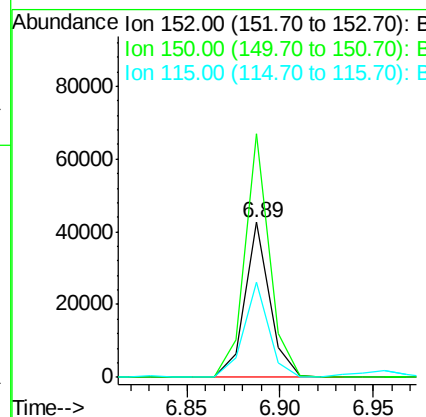
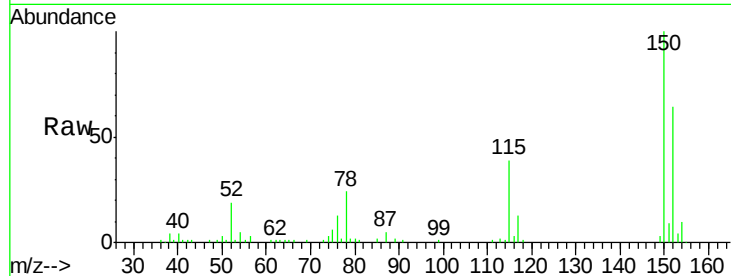




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

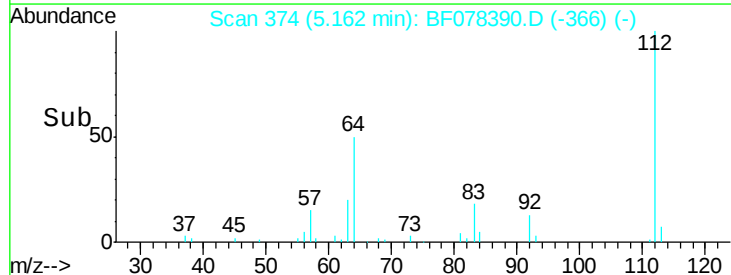
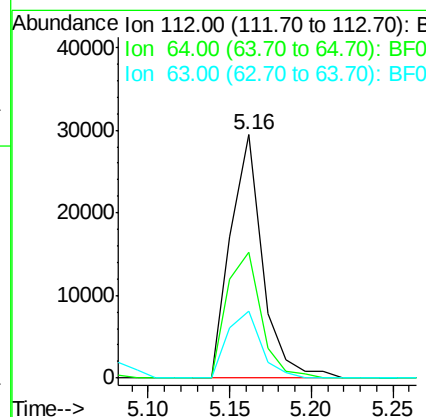
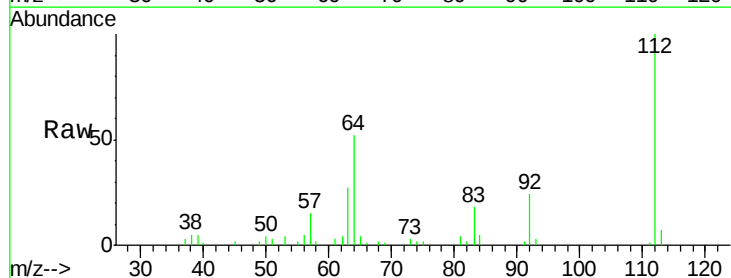
Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

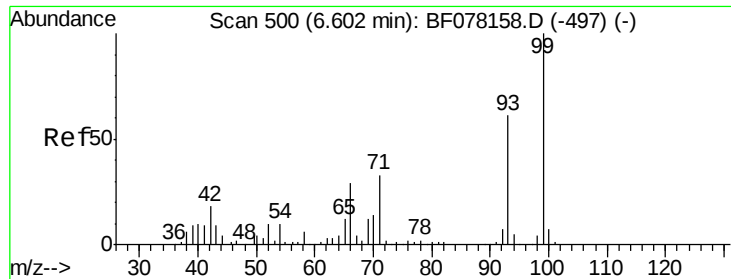
Tgt Ion:152 Resp: 39473
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.9 188.9
 115 61.5 52.7 79.1



#5
 2-Fluorophenol
 Concen: 16.65 ng
 RT: 5.16 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion:112 Resp: 39869
 Ion Ratio Lower Upper
 112 100
 64 51.5 39.9 59.9
 63 27.3 20.2 30.4





#7

Phenol-d6

Concen: 17.24 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

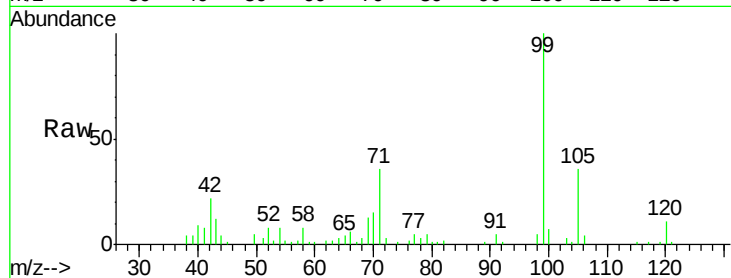
Tgt Ion: 99 Resp: 51715

Ion Ratio Lower Upper

99 100

42 22.0 14.8 22.2

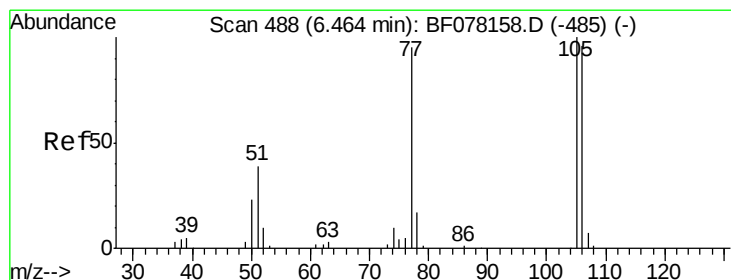
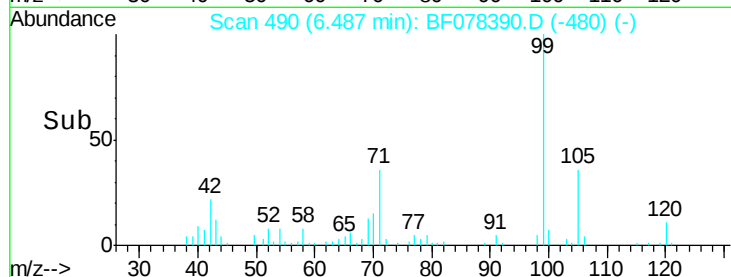
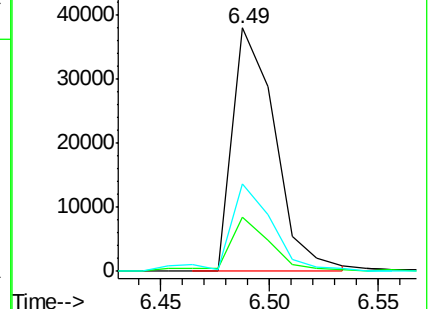
71 35.9 26.6 39.8



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: 3.37 ng

RT: 6.34 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

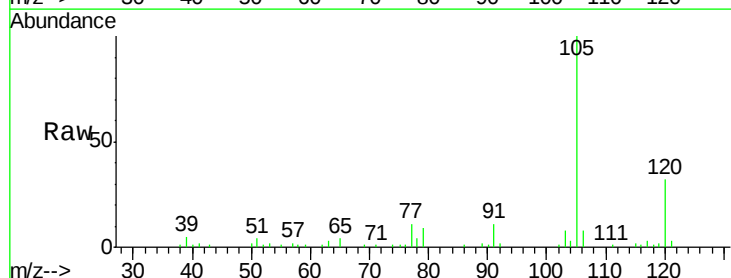
Tgt Ion: 77 Resp: 6695

Ion Ratio Lower Upper

77 100

105 927.9 85.4 125.4#

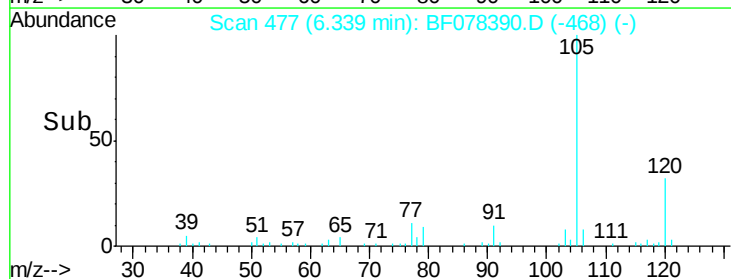
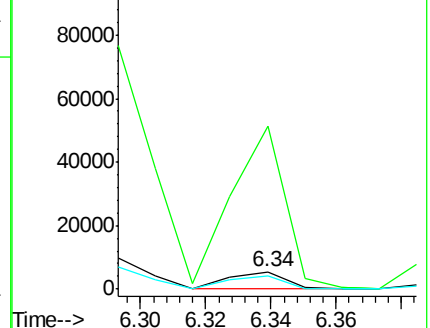
106 78.8 80.8 120.8#

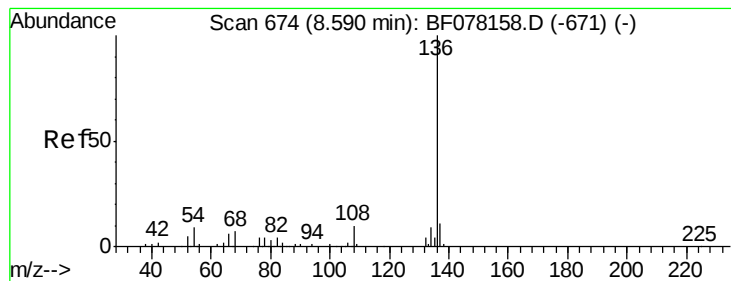


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

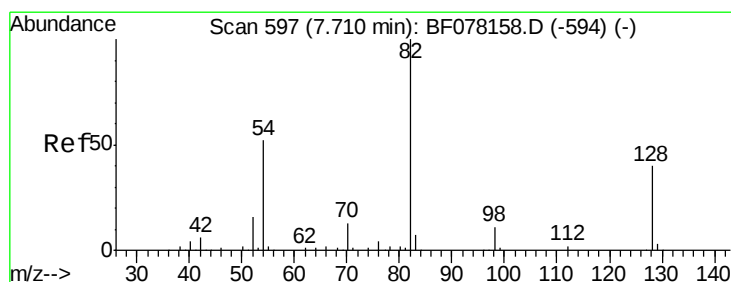
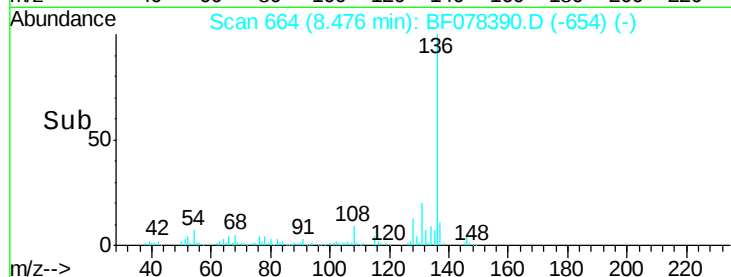
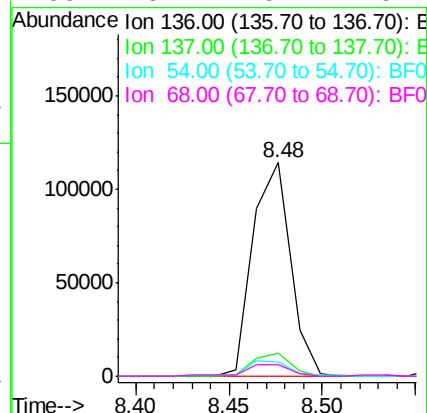
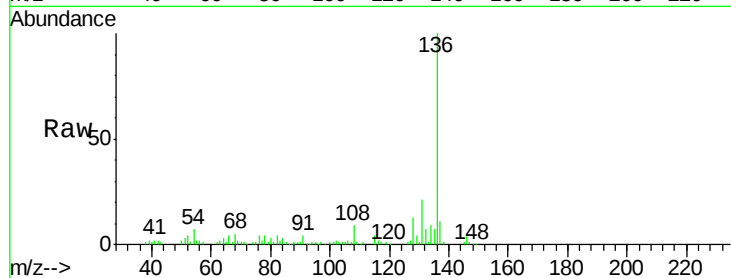




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

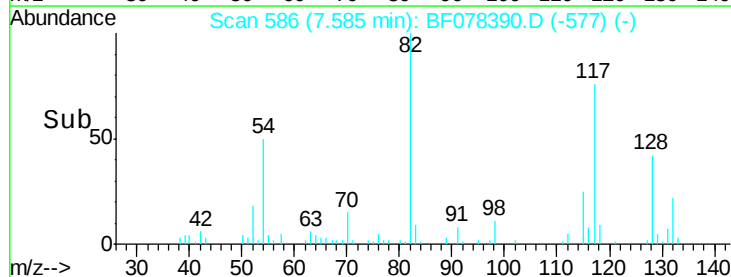
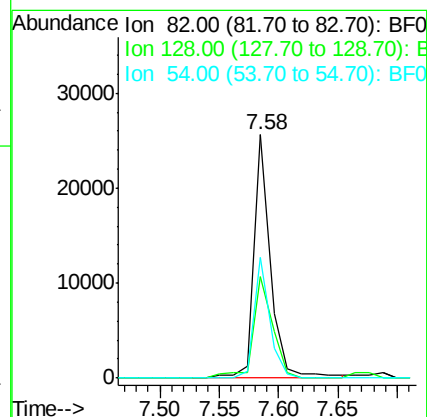
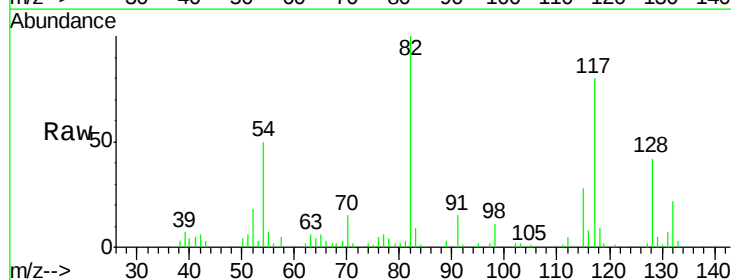
Instrument :
BNA_F
ClientSampleId :
SB-5DDL

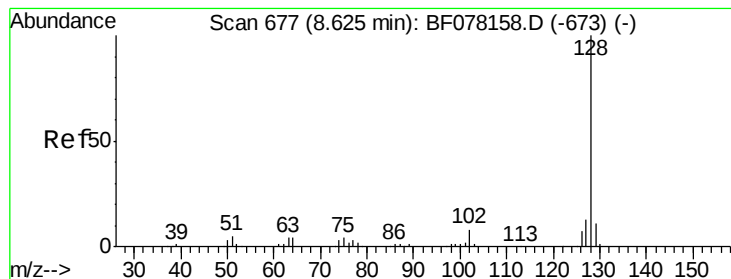
Tgt Ion:	136	Resp:	160404
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	6.7	7.0	10.6#
68	5.4	5.4	8.2#



#23
Nitrobenzene-d5
Concen: 9.55 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

Tgt Ion:	82	Resp:	25285
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.8	47.8
54	49.7	41.5	62.3





#31

Naphthalene

Concen: 402.32 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

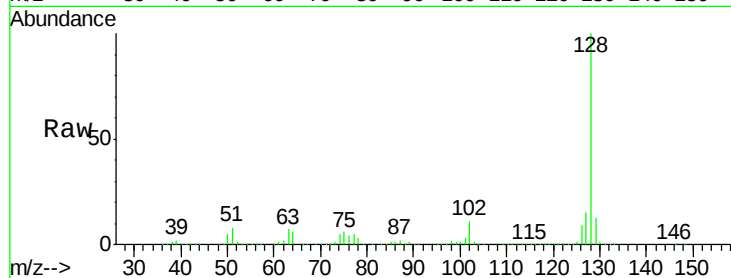
Tgt Ion:128 Resp: 3358895

Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8

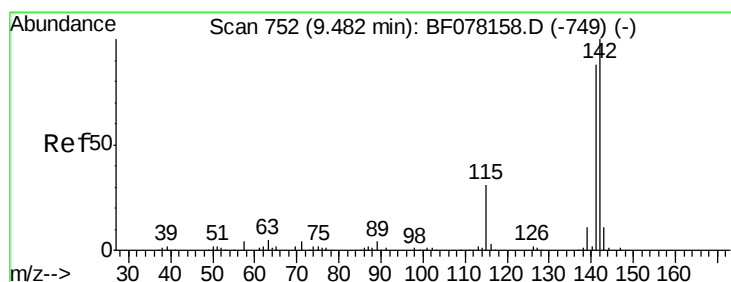
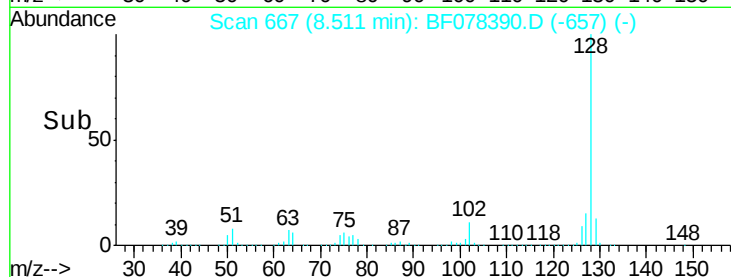
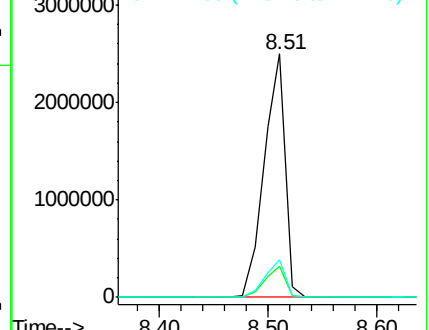
127 15.5 10.7 16.1



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



#37

2-Methylnaphthalene

Concen: 143.43 ng

RT: 9.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

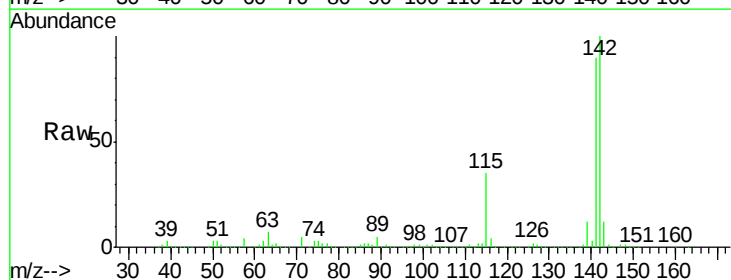
Tgt Ion:142 Resp: 812992

Ion Ratio Lower Upper

142 100

141 90.0 70.3 105.5

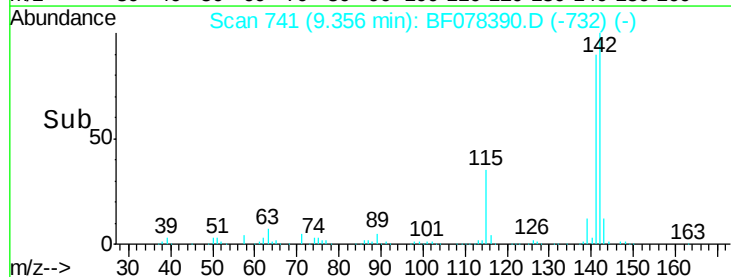
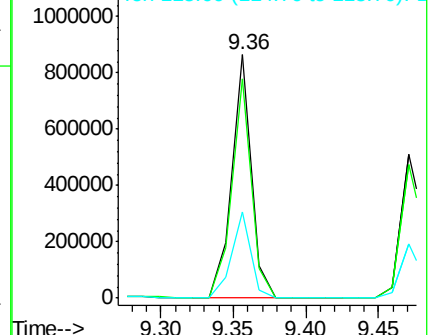
115 35.4 24.6 37.0

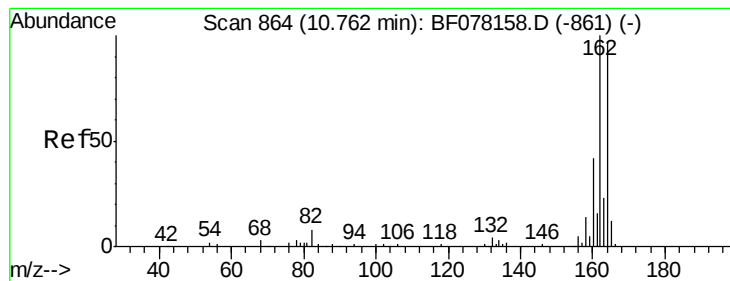


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.63 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

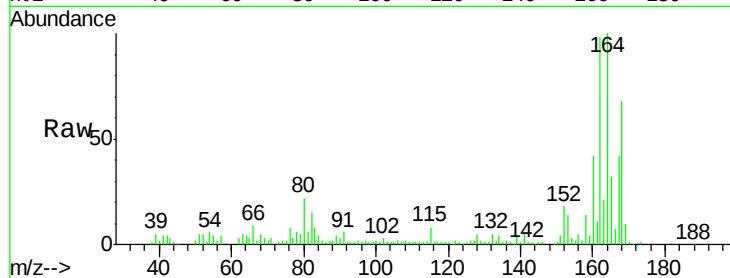
Tgt Ion:164 Resp: 83614

Ion Ratio Lower Upper

164 100

162 97.7 82.2 123.2

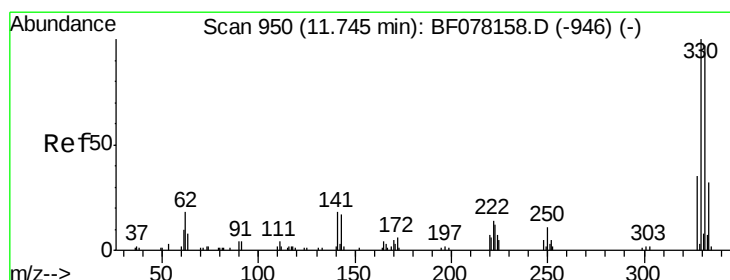
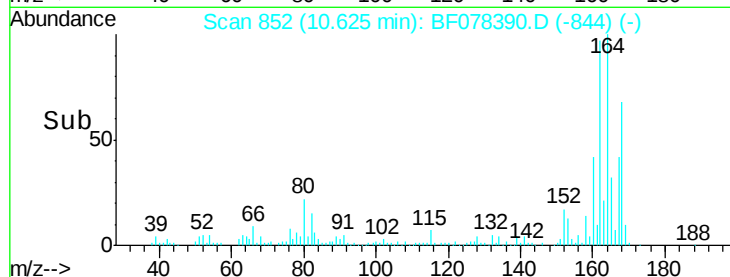
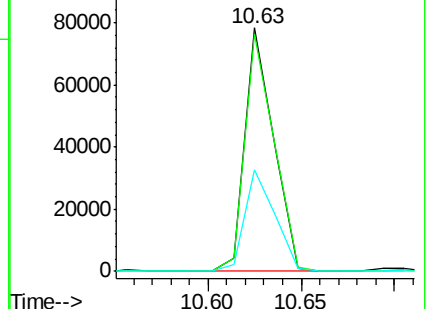
160 41.9 34.7 52.1



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: 14.58 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

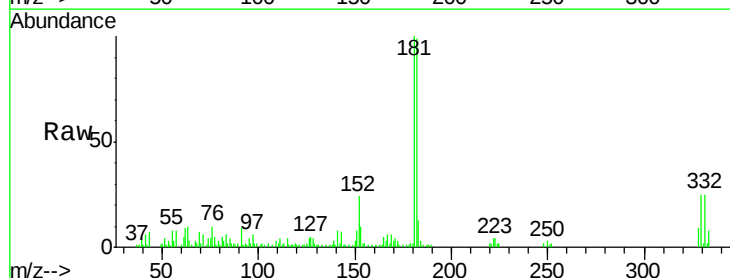
Tgt Ion:330 Resp: 10111

Ion Ratio Lower Upper

330 100

332 97.4 78.6 117.8

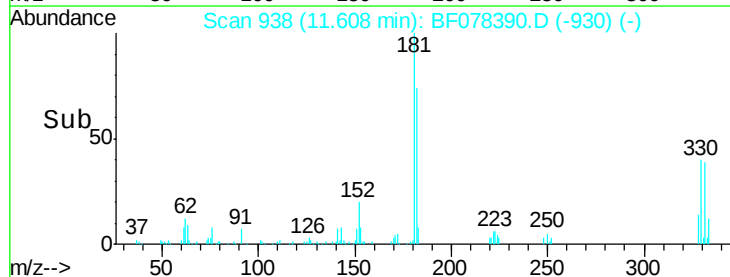
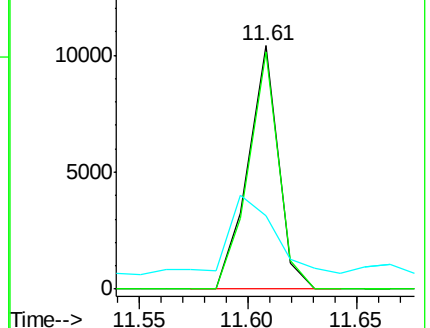
141 52.0 31.2 46.8#

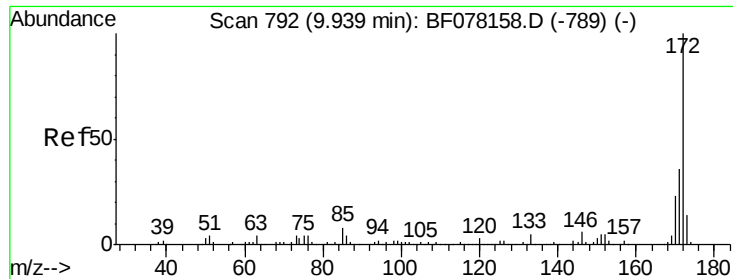


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

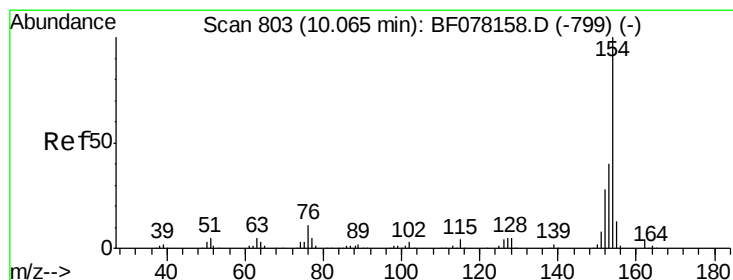
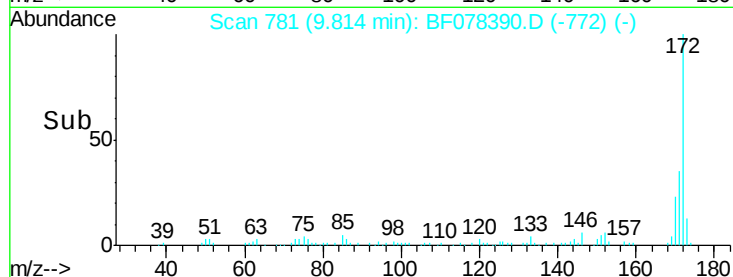
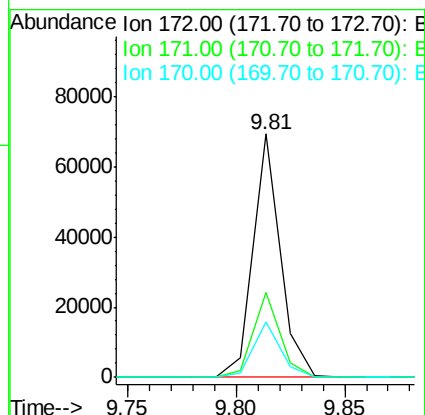
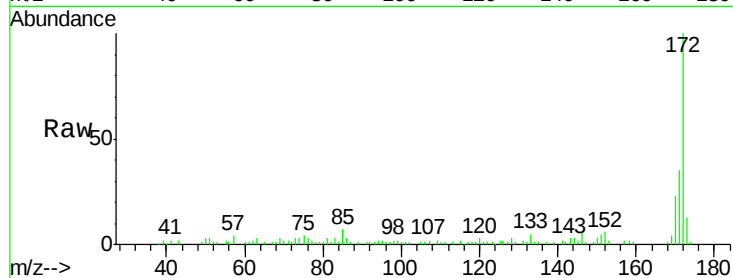




#44
 2-Fluorobiphenyl
 Concen: 10.32 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

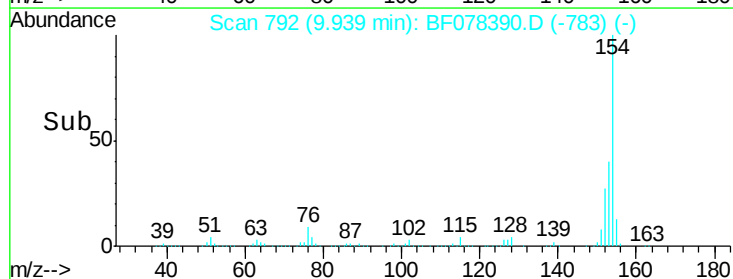
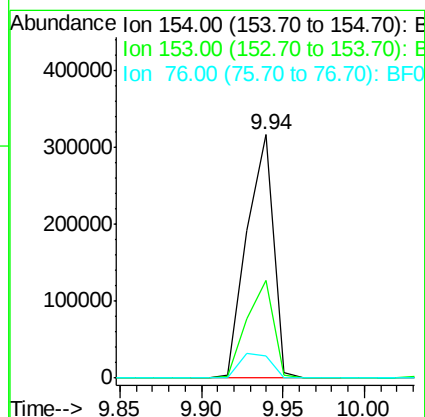
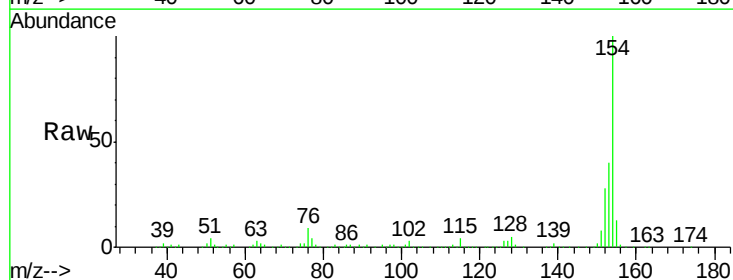
Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

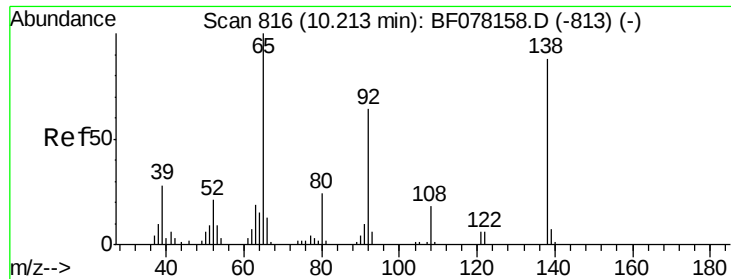
Tgt Ion:172 Resp: 60363
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 22.6 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 52.17 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion:154 Resp: 356831
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.0 60.0
 76 9.2 0.0 30.6

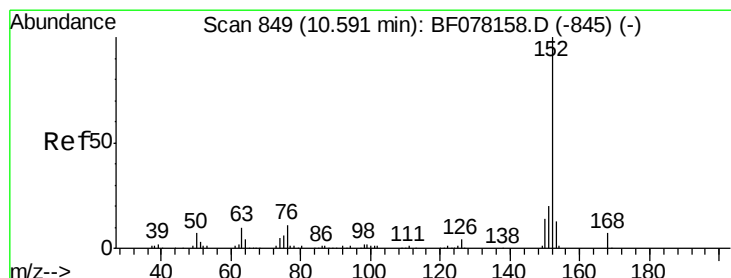
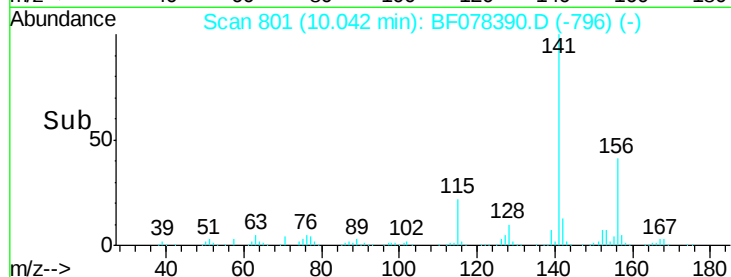
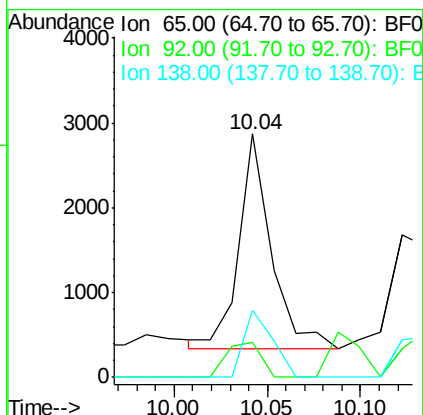
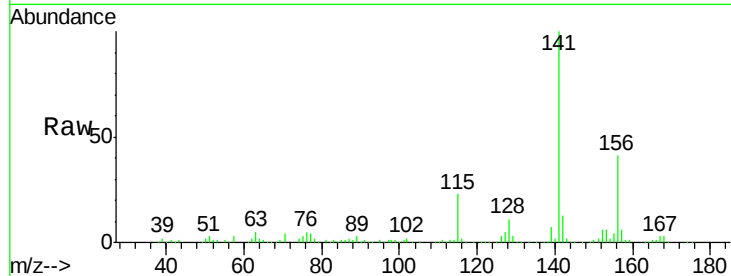




#47
2-Nitroaniline
Concen: 2.30 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.05 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

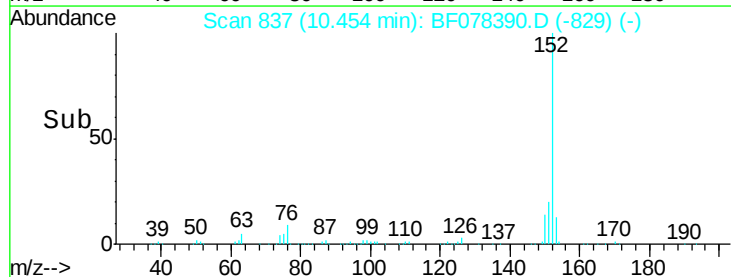
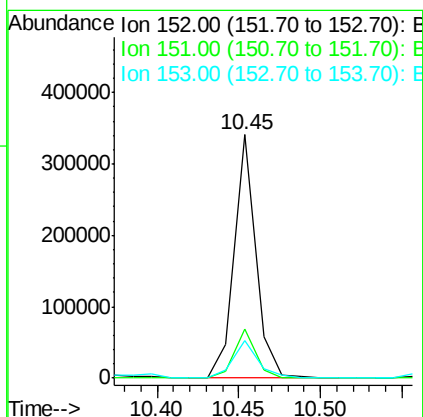
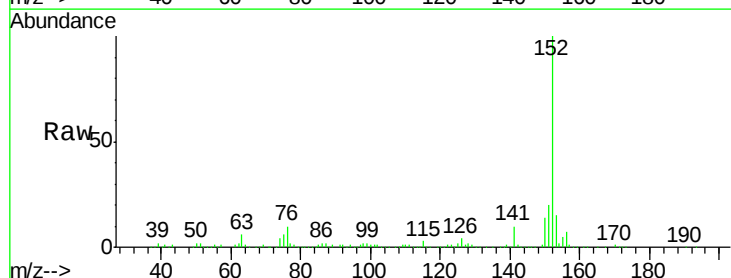
Instrument :
BNA_F
ClientSampleId :
SB-5DDL

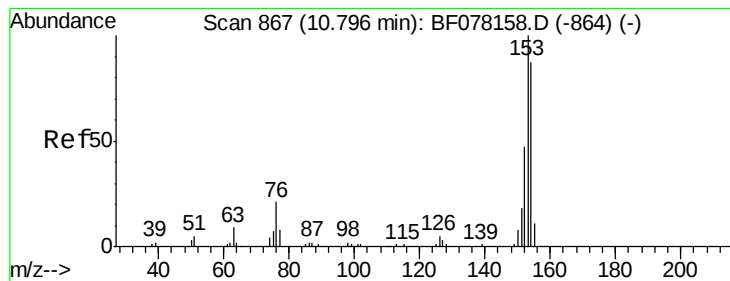
Tgt Ion: 65 Resp: 3060
Ion Ratio Lower Upper
65 100
92 14.4 51.3 76.9#
138 27.8 70.4 105.6#



#48
Acenaphthylene
Concen: 35.88 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

Tgt Ion: 152 Resp: 311743
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 15.3 10.2 15.2#





#51

Acenaphthene

Concen: 105.59 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

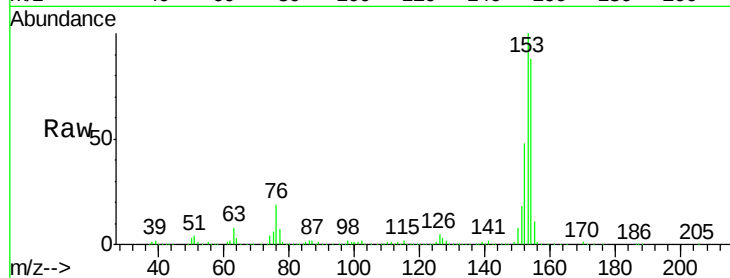
Tgt Ion:154 Resp: 516606

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.2

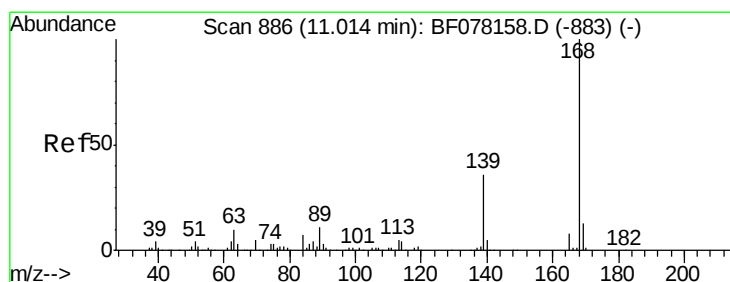
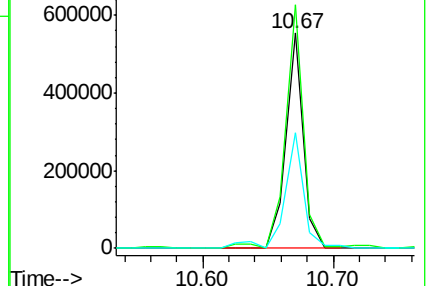
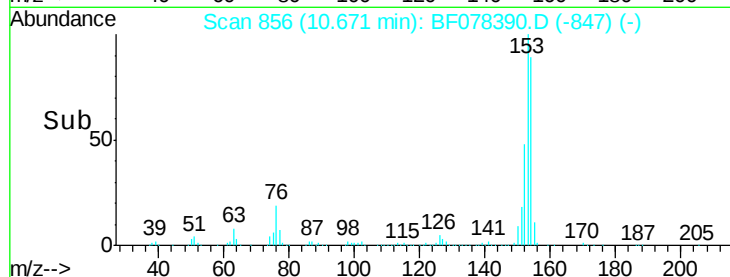
152 53.9 43.0 64.6



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

Dibenzofuran

Concen: 16.75 ng

RT: 10.89 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

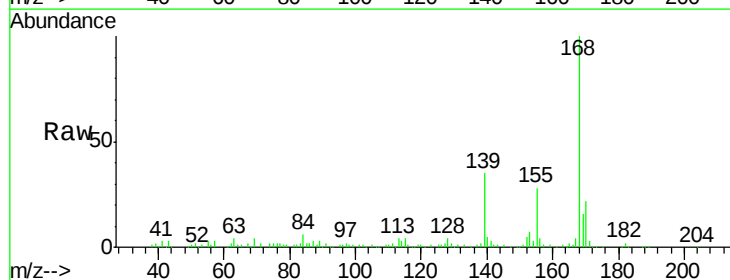
Tgt Ion:168 Resp: 125191

Ion Ratio Lower Upper

168 100

139 34.7 31.0 46.4

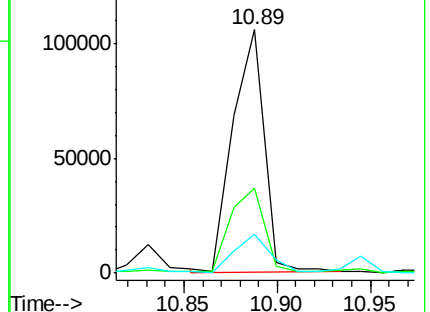
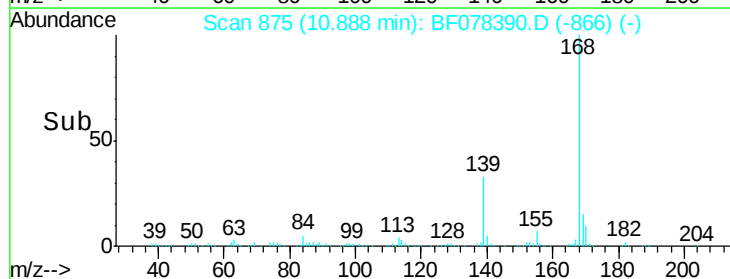
169 16.0 10.7 16.1

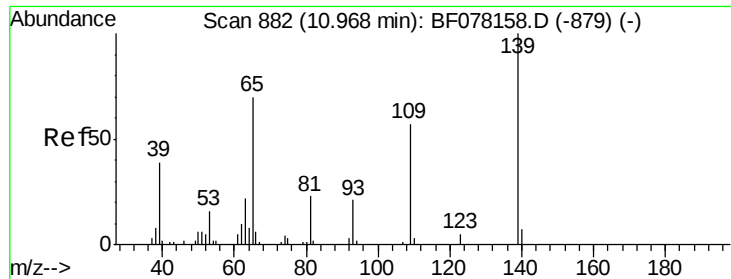


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

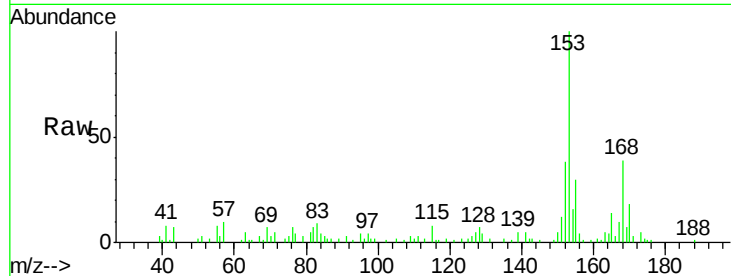




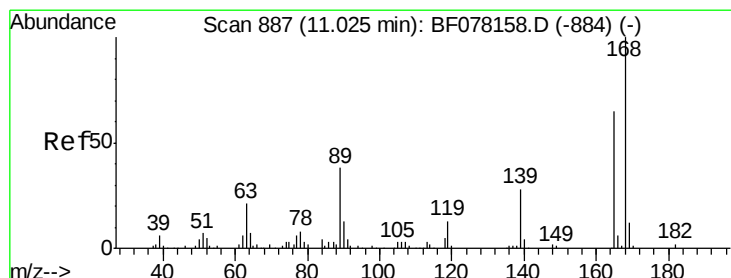
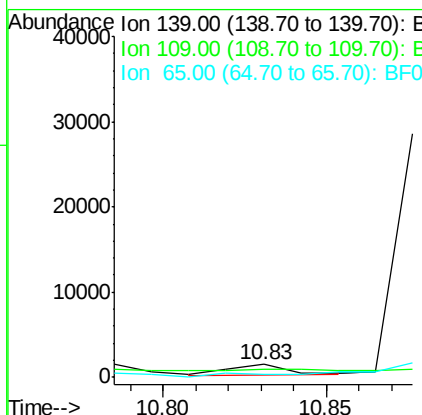
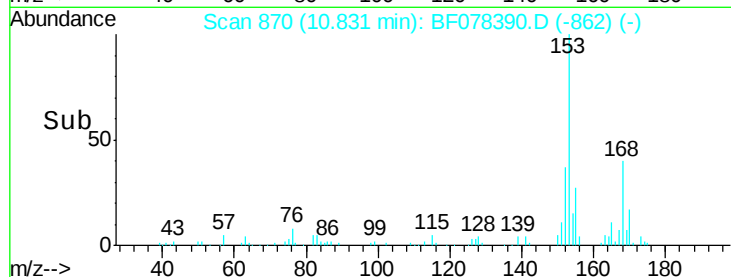
#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

Instrument :
BNA_F
ClientSampleId :
SB-5DDL

Tgt Ion:139 Resp: 1531
Ion Ratio Lower Upper
139 100
109 67.1 36.7 76.7
65 28.1 49.9 89.9#

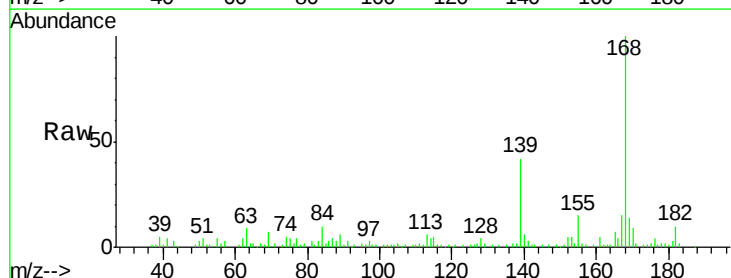


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

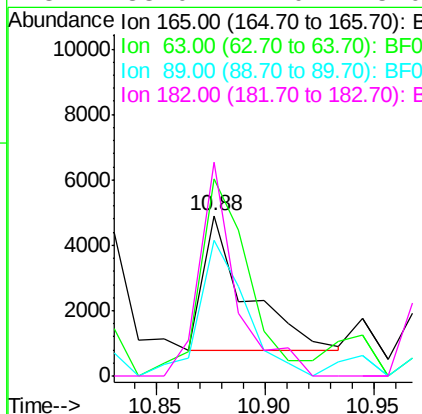
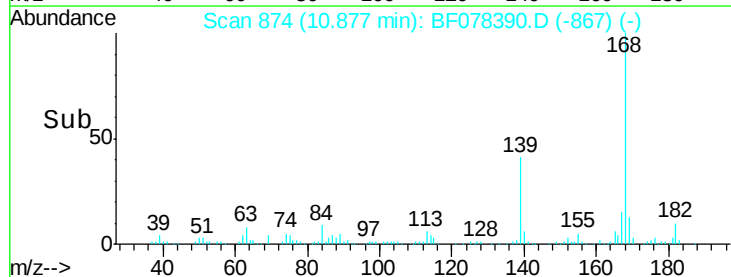


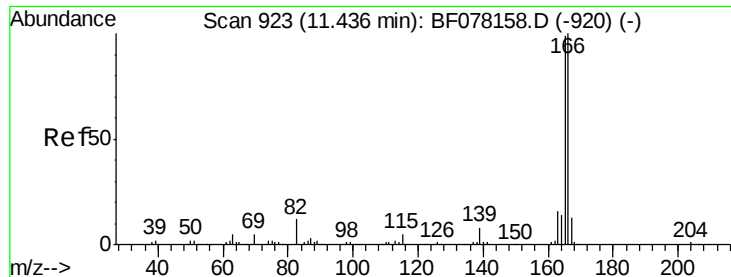
#56
2,4-Dinitrotoluene
Concen: 3.40 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF078390.D
Acq: 10 Apr 2015 8:17

Tgt Ion:165 Resp: 5688
Ion Ratio Lower Upper
165 100
63 122.6 26.5 39.7#
89 84.4 46.4 69.6#
182 133.0 2.0 3.0#



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

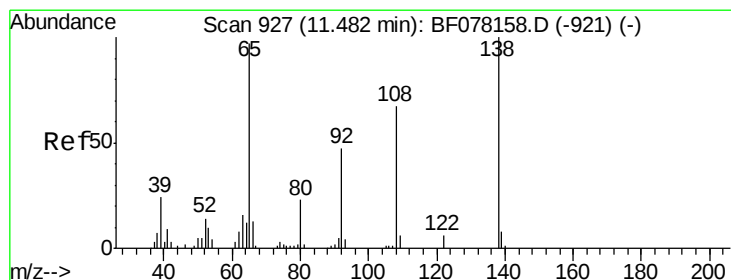
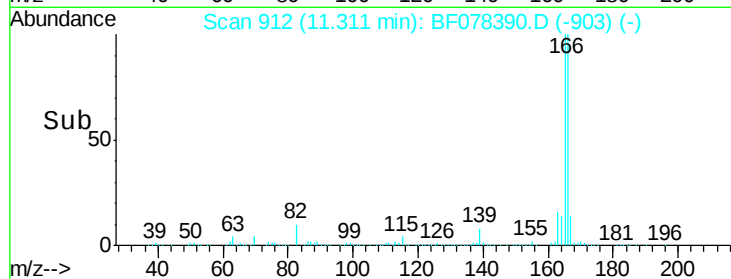
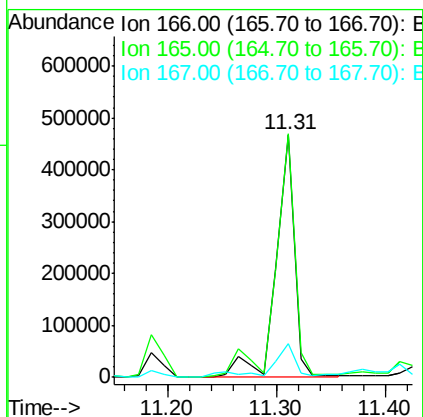
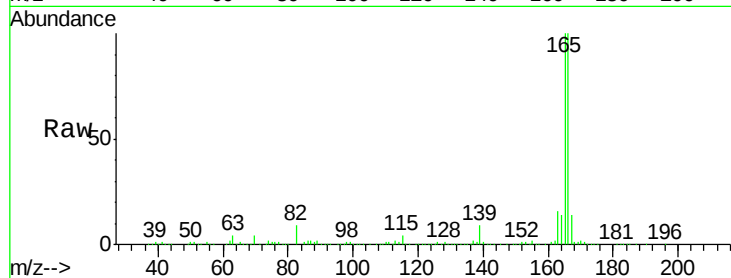




#57
Fluorene
 Concen: 90.18 ng
 RT: 11.31 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

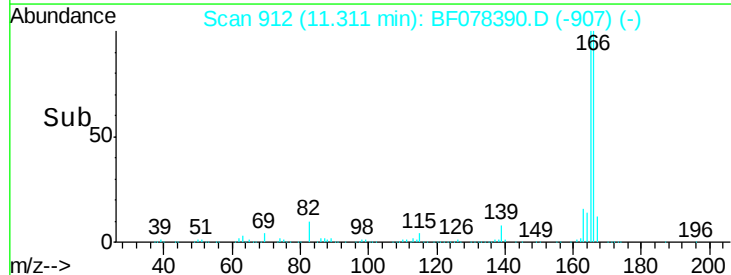
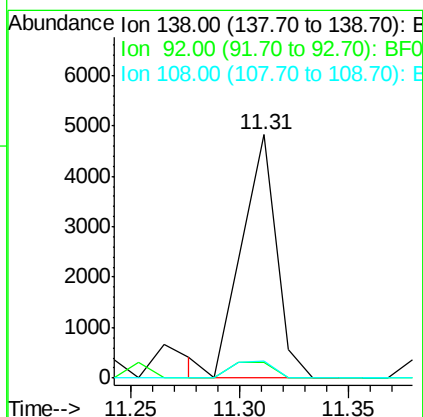
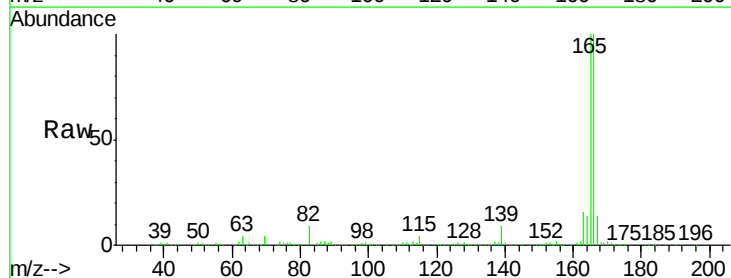
Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

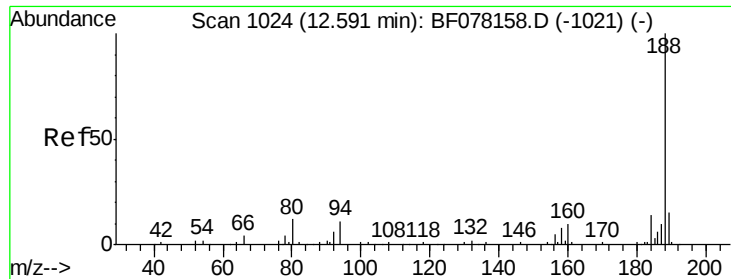
Tgt Ion:166 Resp: 546248
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.9 118.3
 167 14.0 10.7 16.1



#61
4-Nitroaniline
 Concen: 3.57 ng
 RT: 11.31 min Scan# 912
 Delta R.T. -0.05 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion:138 Resp: 5309
 Ion Ratio Lower Upper
 138 100
 92 6.2 27.3 67.3#
 108 6.8 47.2 87.2#

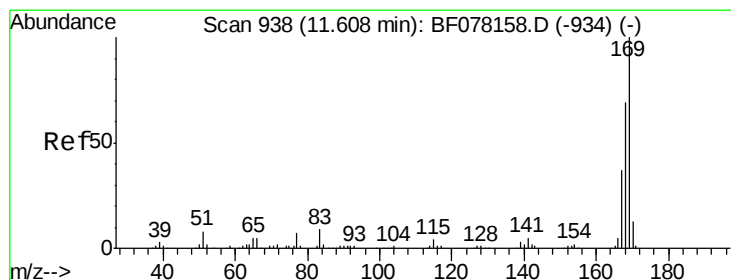
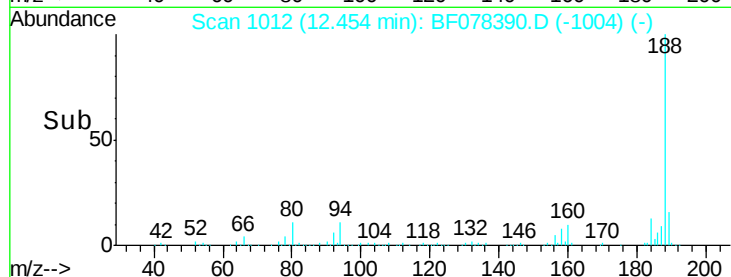
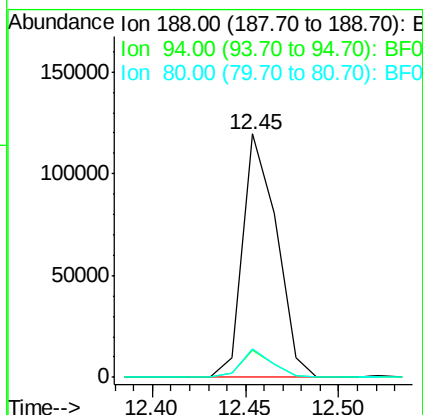
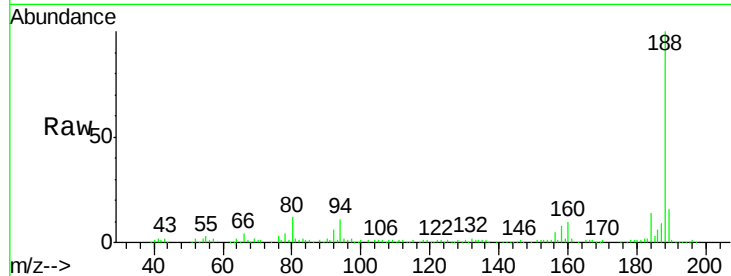




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

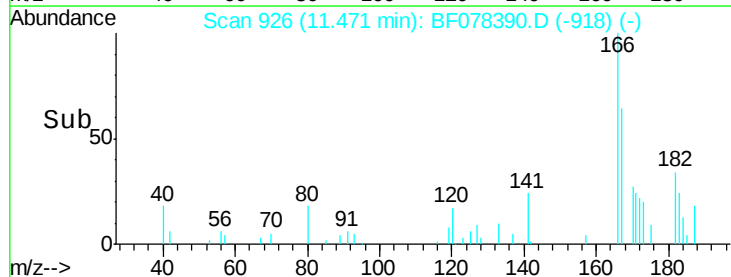
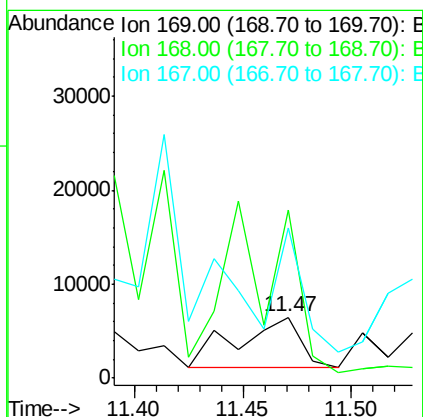
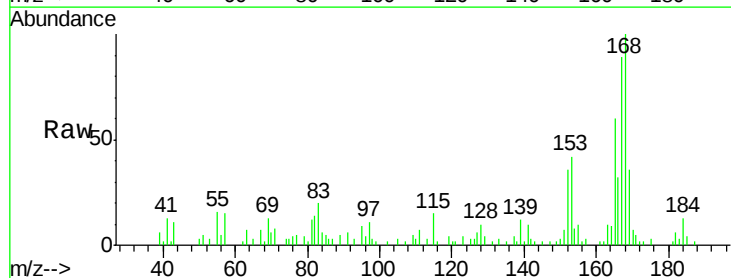
Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

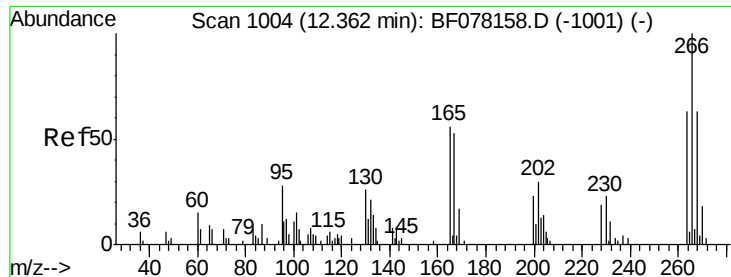
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.0	13.4
80	11.7	9.5	14.3



#65
 n-Nitrosodiphenylamine
 Concen: 2.12 ng
 RT: 11.47 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	277.2	55.0	82.4#
167	247.3	29.3	43.9#

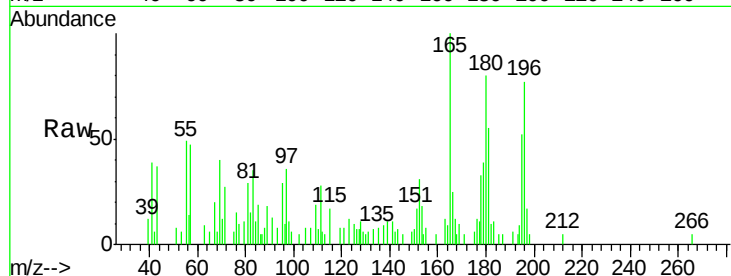




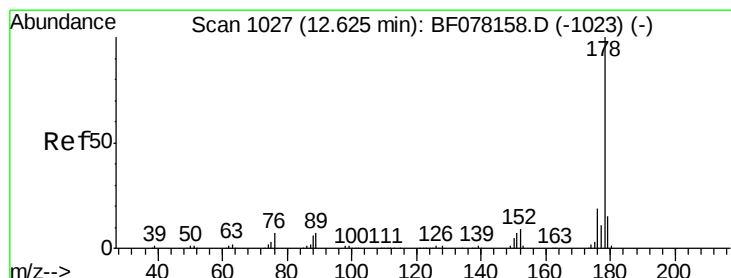
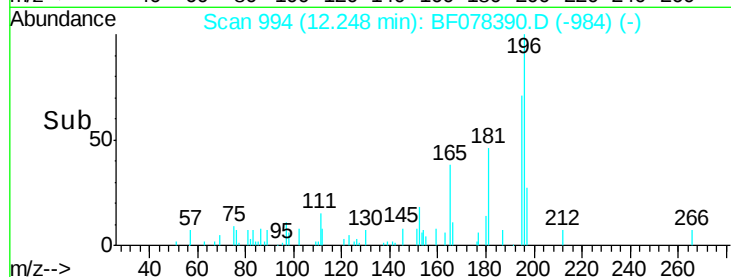
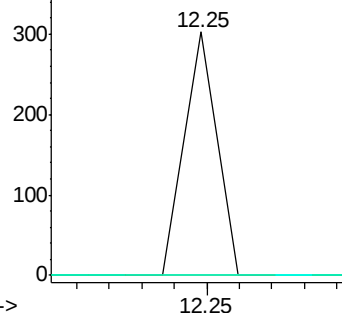
#69
 Pentachlorophenol
 Concen: 8.00 ng
 RT: 12.25 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

Tgt Ion: 266 Resp: 208
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.1 75.1#
 264 0.0 50.0 75.0#

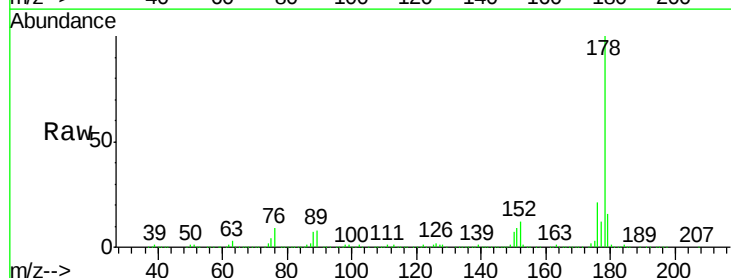


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

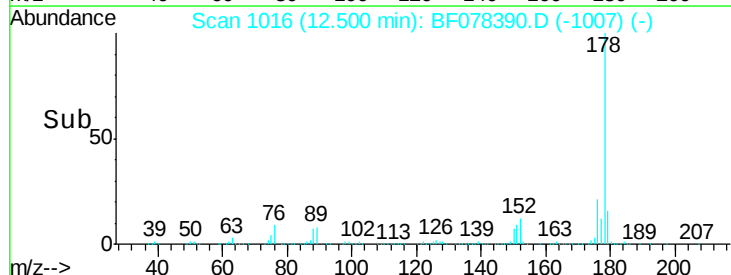
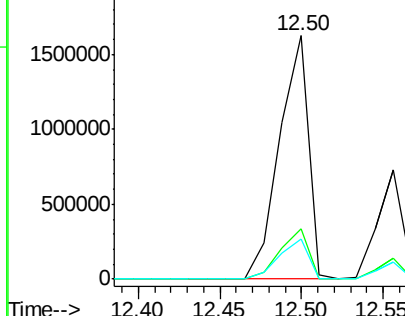


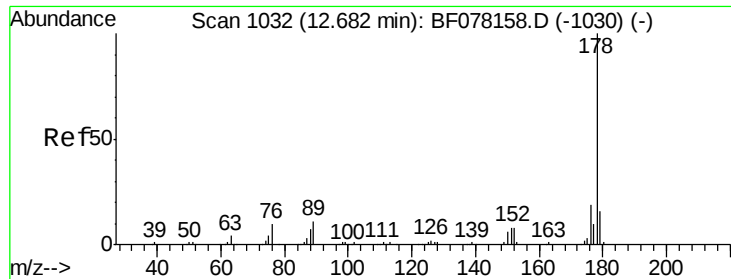
#70
 Phenanthrene
 Concen: 231.96 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion: 178 Resp: 2024120
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.0
 179 16.3 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

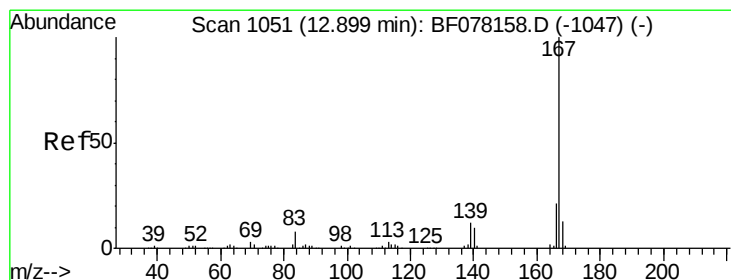
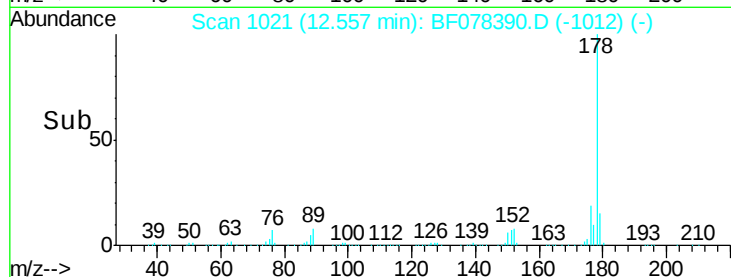
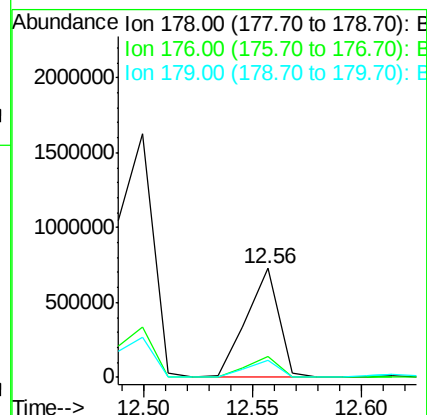
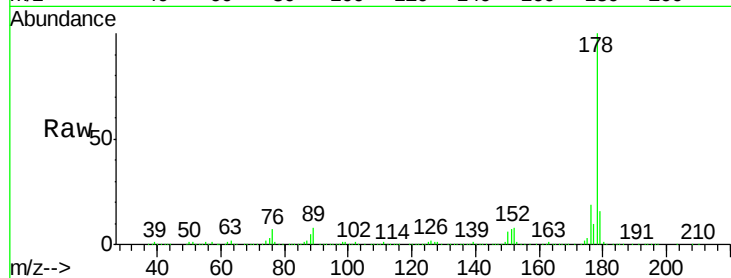




#71
 Anthracene
 Concen: 86.49 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

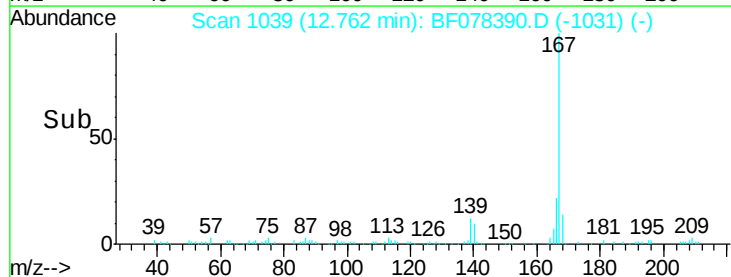
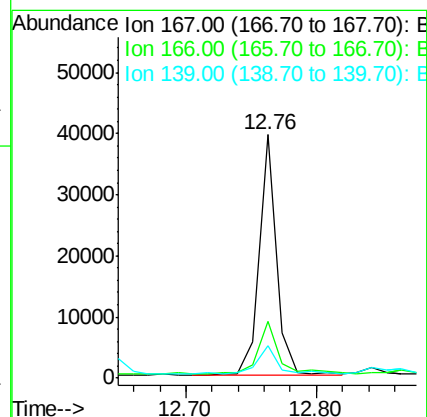
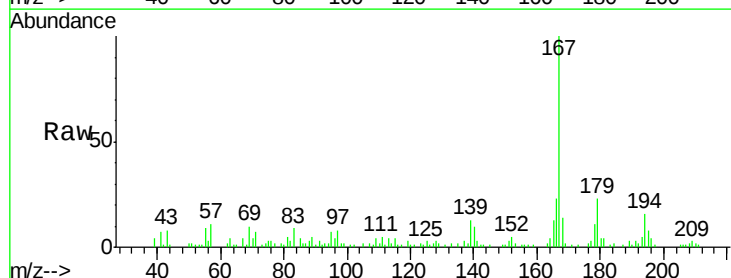
Instrument :
 BNA_F
 ClientSampleId :
 SB-5DDL

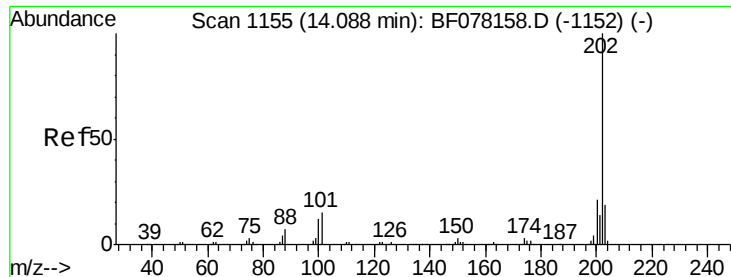
Tgt Ion:178 Resp: 743679
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.6 12.4 18.6



#72
 Carbazole
 Concen: 4.57 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078390.D
 Acq: 10 Apr 2015 8:17

Tgt Ion:167 Resp: 36797
 Ion Ratio Lower Upper
 167 100
 166 23.1 16.8 25.2
 139 13.5 10.0 15.0





#74

Fluoranthene

Concen: 99.55 ng

RT: 13.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

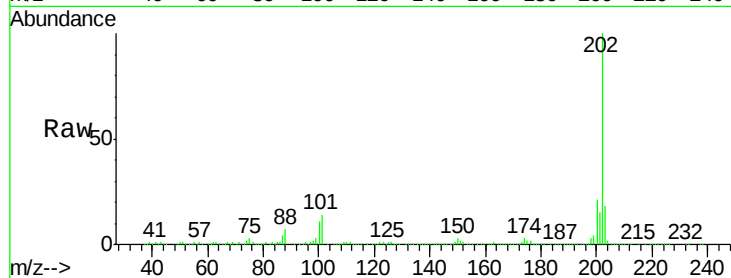
Tgt Ion:202 Resp: 916074

Ion Ratio Lower Upper

202 100

101 14.0 0.0 35.2

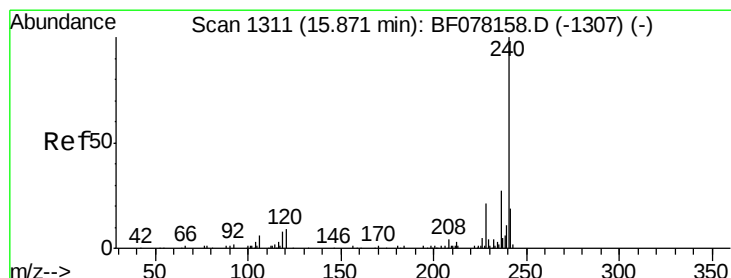
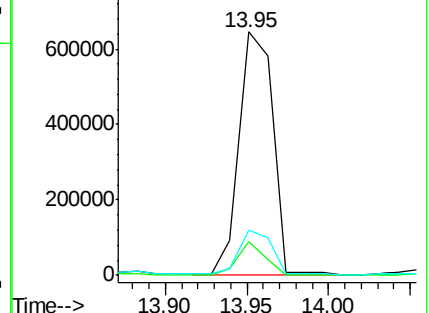
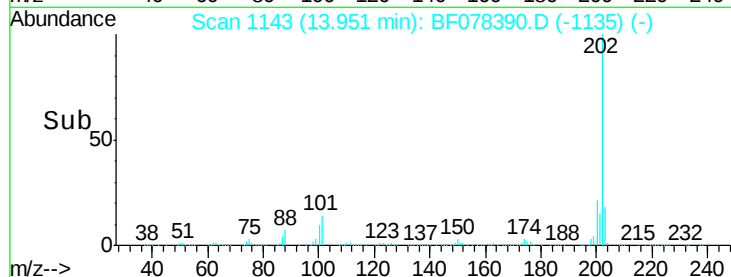
203 18.3 0.0 38.5



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: 15.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

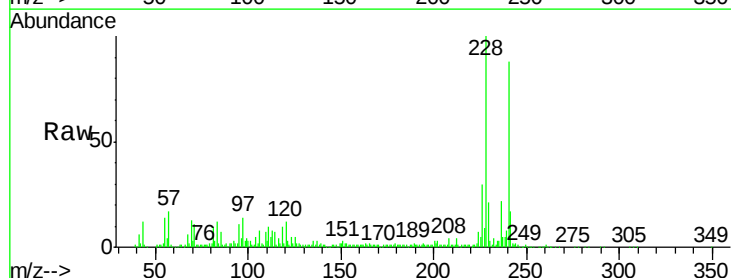
Tgt Ion:240 Resp: 146739

Ion Ratio Lower Upper

240 100

120 13.6 7.1 10.7#

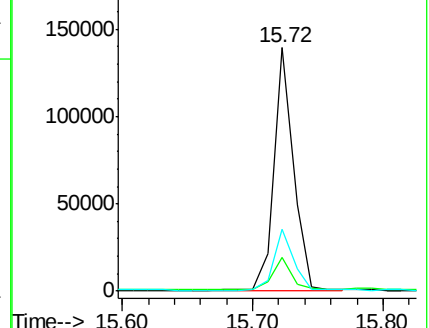
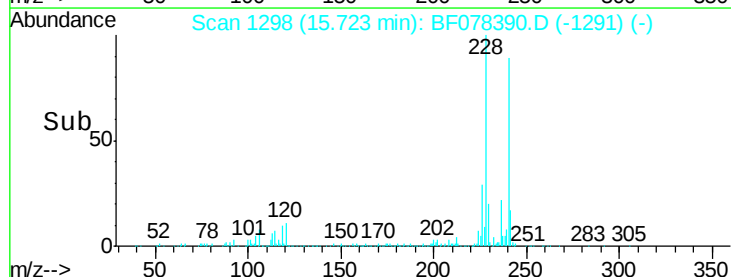
236 25.5 21.4 32.2

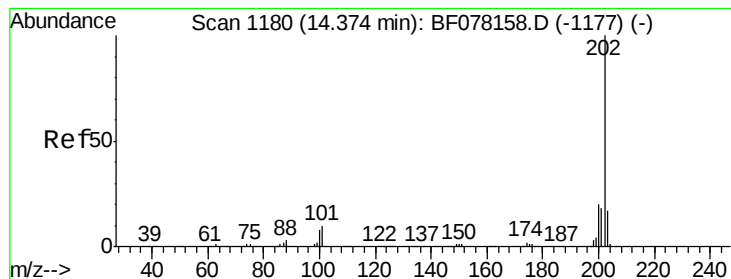


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 137.12 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

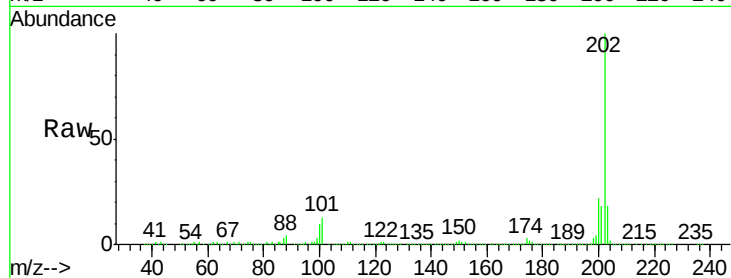
Tgt Ion:202 Resp: 1263086

Ion Ratio Lower Upper

202 100

200 22.3 16.3 24.5

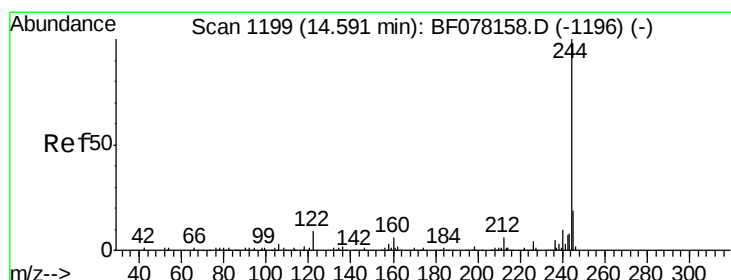
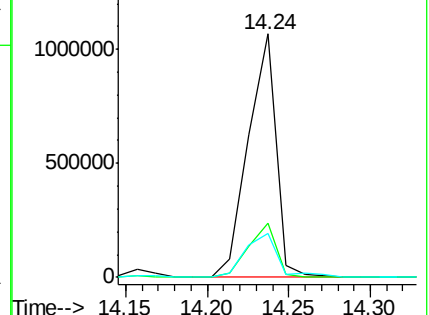
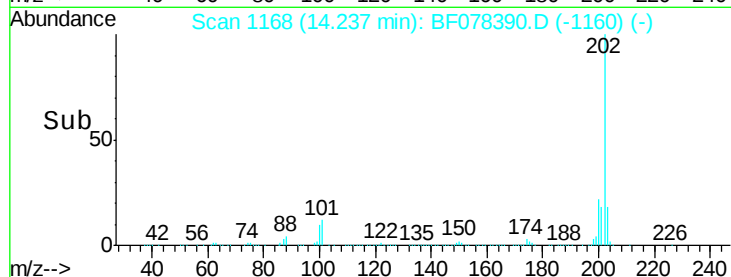
203 18.3 13.8 20.6



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: 9.64 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

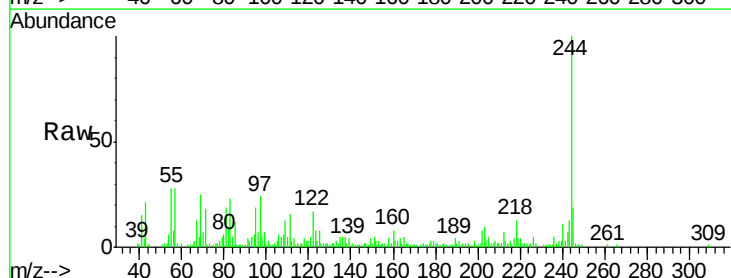
Tgt Ion:244 Resp: 62579

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

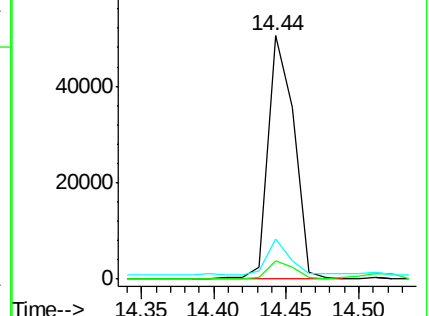
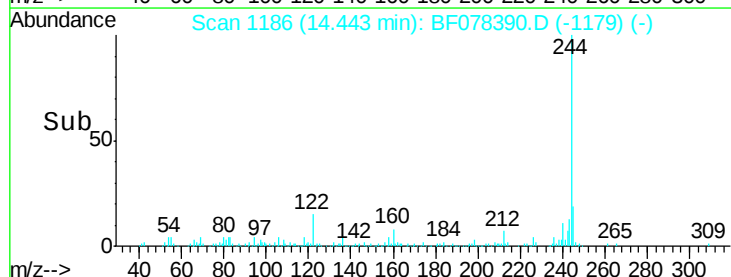
122 16.5 7.1 10.7#

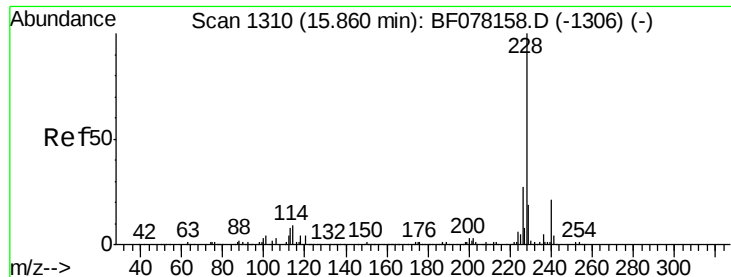


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 26.27 ng

RT: 15.76 min Scan# 1301

Delta R.T. 0.02 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

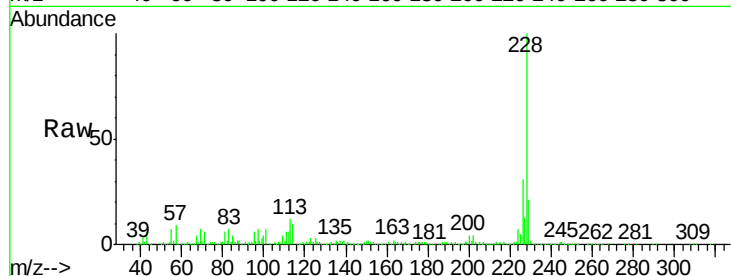
Tgt Ion:228 Resp: 229381

Ion Ratio Lower Upper

228 100

226 30.6 21.3 31.9

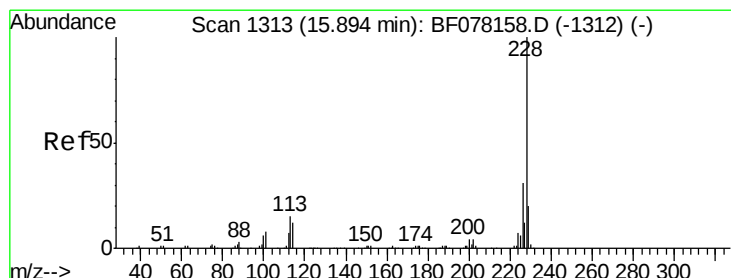
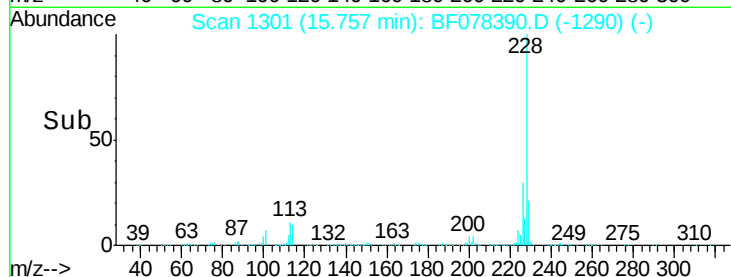
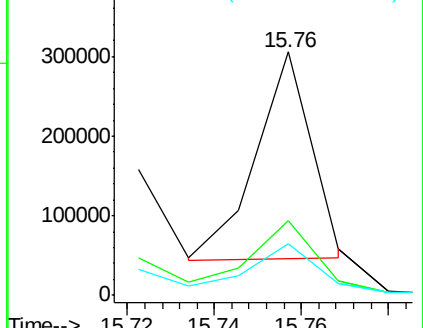
229 21.3 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 38.99 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

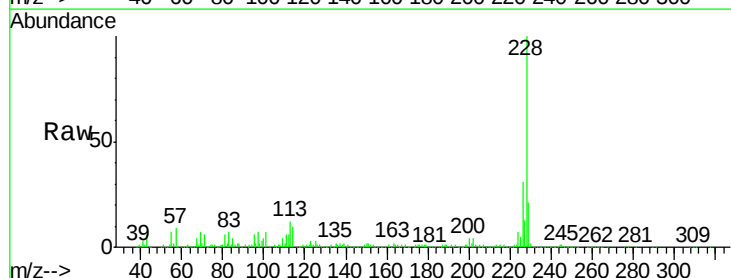
Tgt Ion:228 Resp: 319845

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

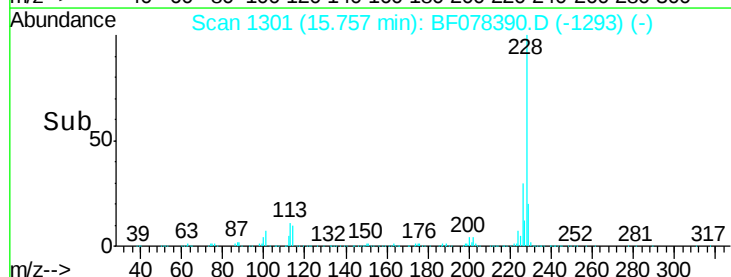
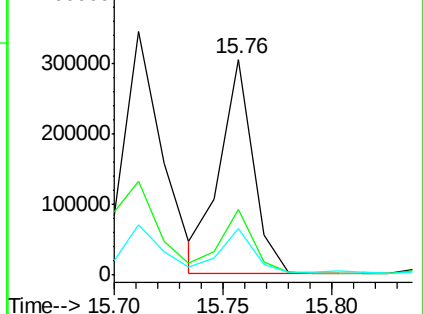
229 21.3 15.8 23.8

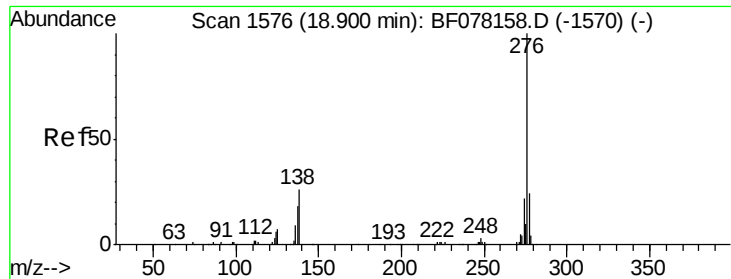


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 12.64 ng

RT: 18.71 min Scan# 1559

Delta R.T. -0.07 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

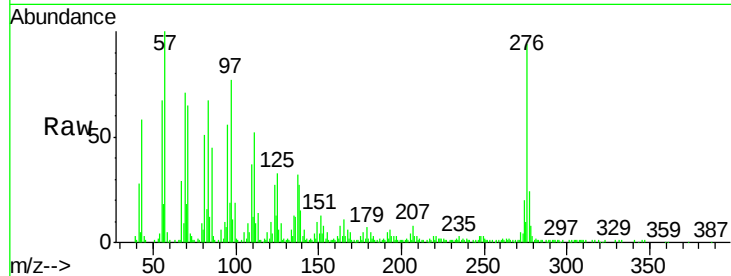
Tgt Ion:276 Resp: 117676

Ion Ratio Lower Upper

276 100

138 25.8 16.9 25.3#

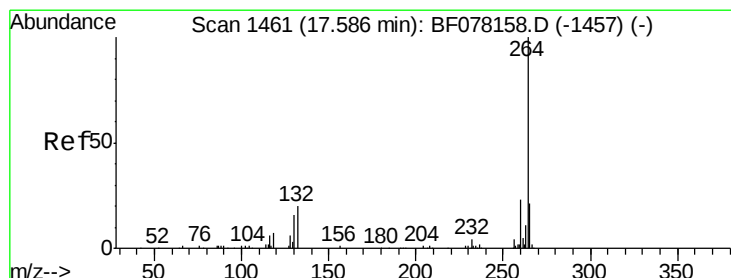
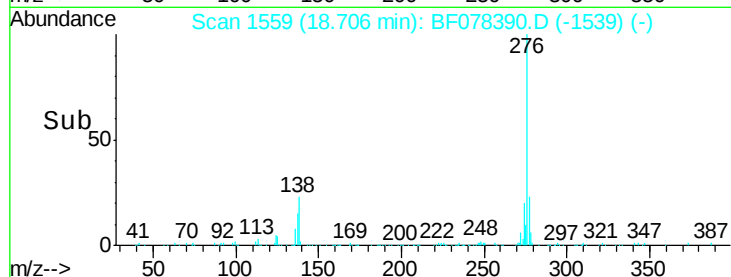
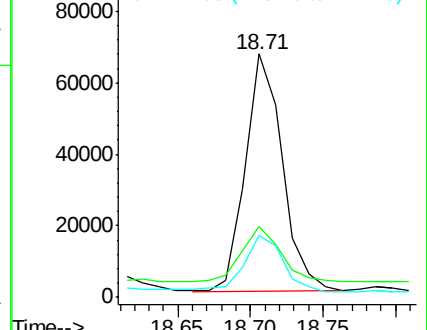
277 26.1 15.8 23.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.45 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

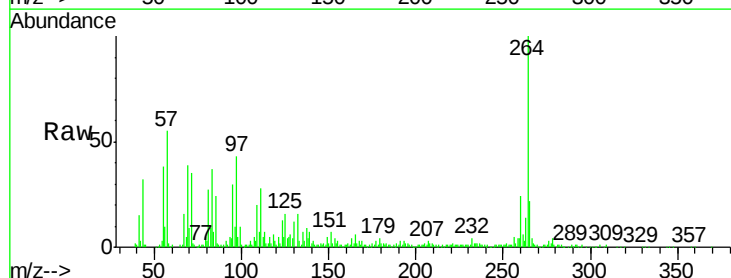
Tgt Ion:264 Resp: 149496

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

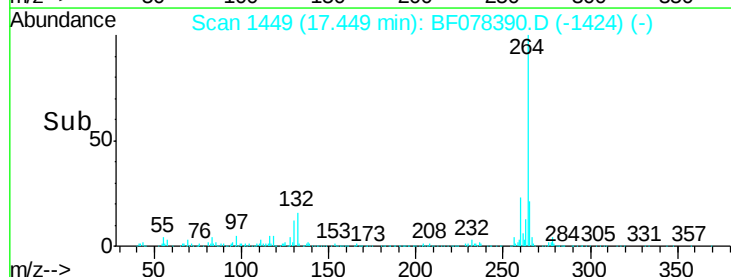
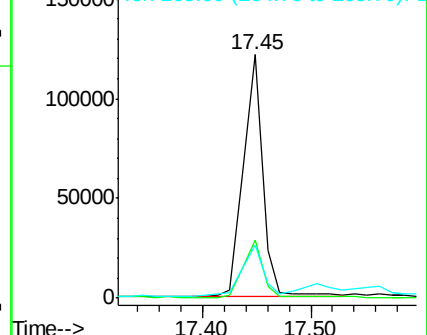
265 22.0 17.0 25.6

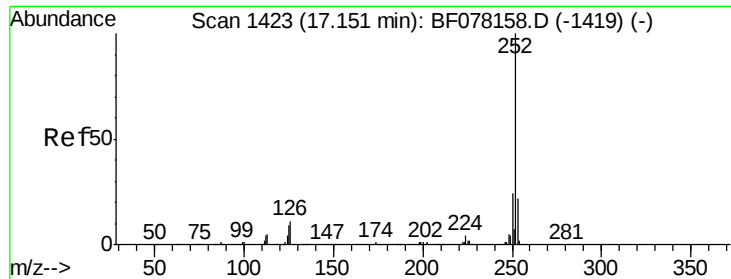


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.22 ng

RT: 17.01 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

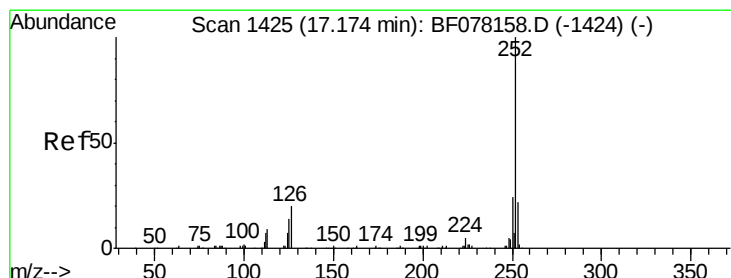
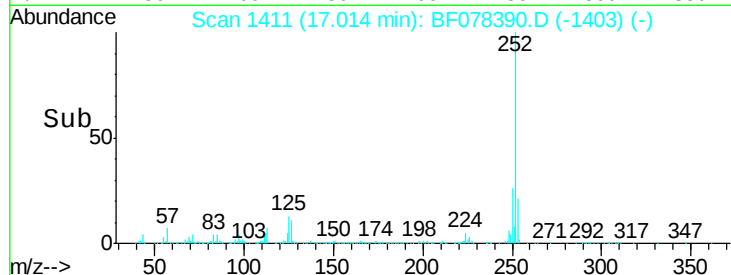
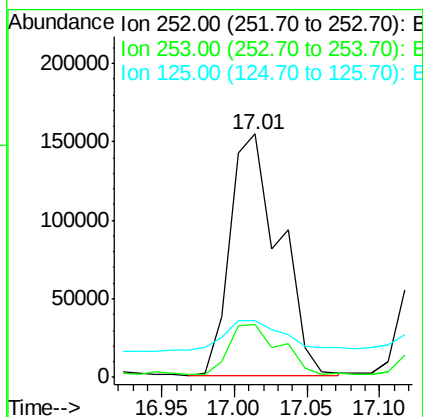
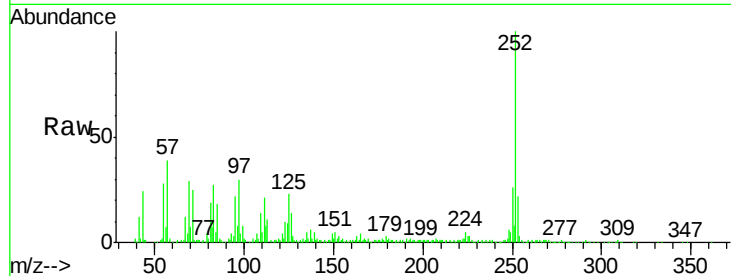
Instrument :

BNA_F

ClientSampleId :

SB-5DDL

Tgt Ion:	252	Resp:	362391
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	23.1	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 44.23 ng

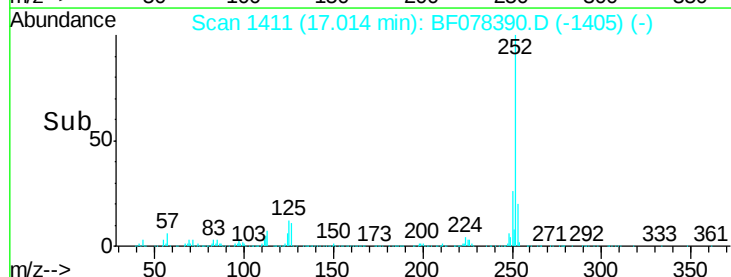
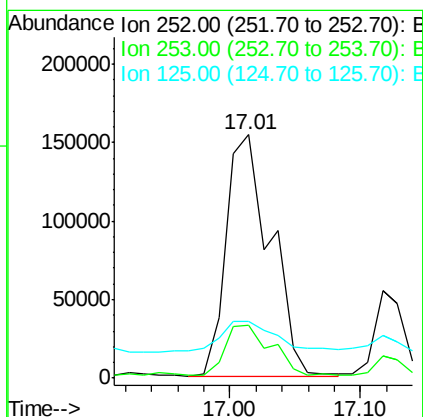
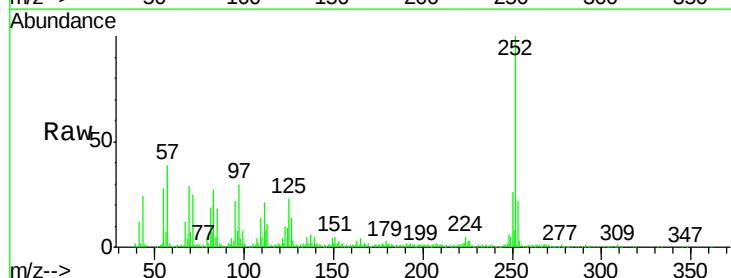
RT: 17.01 min Scan# 1411

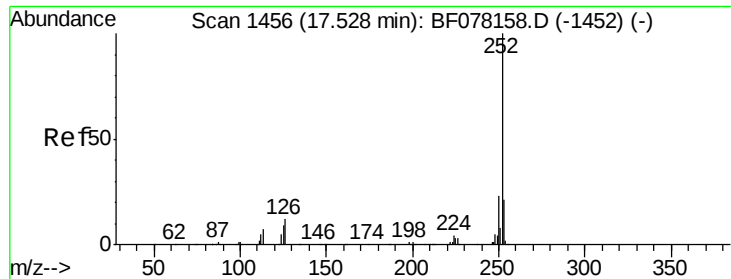
Delta R.T. -0.03 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Tgt Ion:	252	Resp:	363168
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	23.1	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 40.44 ng

RT: 17.38 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF078390.D

Acq: 10 Apr 2015 8:17

Instrument :

BNA_F

ClientSampleId :

SB-5DDL

Tgt Ion: 252 Resp: 326071

Ion Ratio Lower Upper

252 100

253 22.2 16.8 25.2

125 21.3 7.4 11.0#

