

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078498.D
 Acq On : 14 Apr 2015 11:19
 Operator : TP/IZ
 Sample : G1850-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-ODA

Quant Time: Apr 14 12:01:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 11:28:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	33380	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	137821	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	69057	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	132466	20.00	ng	0.00
75) Chrysene-d12	15.63	240	144811	20.00	ng	-0.01
86) Perylene-d12	17.34	264	149581	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	201685	99.62	ng	0.01
7) Phenol-d6	6.43	99	271500	107.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	153343	67.44	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	65387	114.17	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	283417	58.66	ng	0.00
78) Terphenyl-d14	14.38	244	324862	50.69	ng	0.00

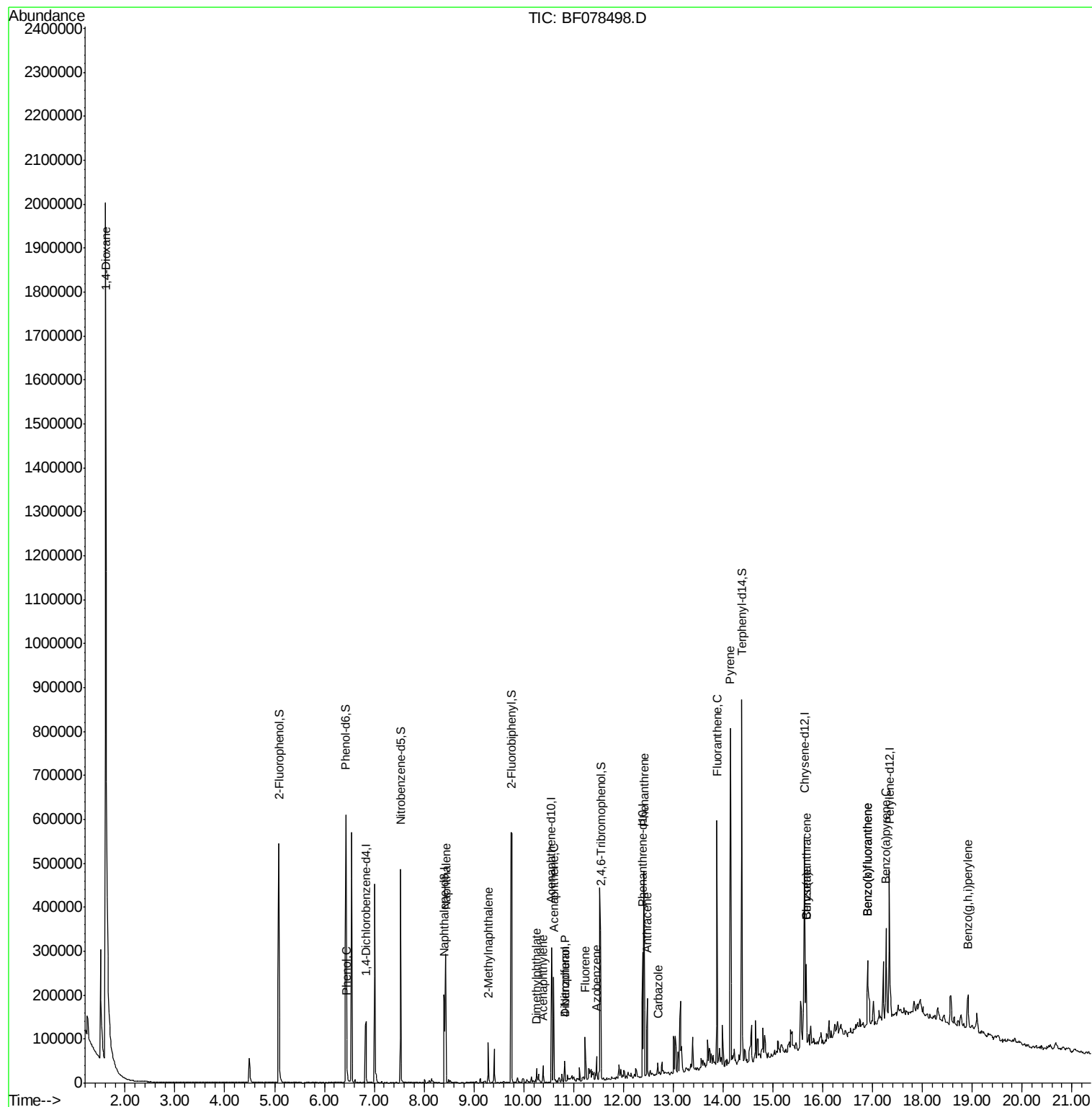
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.61	88	88407	96.57	ng	# 23
10) Phenol	6.44	94	6564	2.16	ng	# 61
31) Naphthalene	8.43	128	150027	20.91	ng	98
37) 2-Methylnaphthalene	9.29	142	26386	5.42	ng	99
48) Acenaphthylene	10.39	152	14846	2.07	ng	98
49) Dimethylphthalate	10.26	163	15842	3.05	ng	100
51) Acenaphthene	10.60	154	67753	16.77	ng	100
54) Dibenzofuran	10.82	168	23403	3.79	ng	97
55) 4-Nitrophenol	10.82	139	9088	12.58	ng	# 18
57) Fluorene	11.23	166	36335	7.26	ng	98
62) Azobenzene	11.46	77	10167	2.23	ng	# 1
70) Phenanthrene	12.41	178	198238	25.87	ng	99
71) Anthracene	12.48	178	89062	11.80	ng	99
72) Carbazole	12.70	167	14557	2.06	ng	94
74) Fluoranthene	13.87	202	238089	29.46	ng	96
77) Pyrene	14.15	202	325489	35.80	ng	97
80) Benzo(a)anthracene	15.67	228	53548	6.22	ng	92
82) Chrysene	15.67	228	79266	9.79	ng	97
87) Benzo(b)fluoranthene	16.90	252	120983	13.09	ng	# 95
88) Benzo(k)fluoranthene	16.90	252	116671	14.20	ng	100
89) Benzo(a)pyrene	17.27	252	101755	12.61	ng	# 92
91) Benzo(g,h,i)perylene	18.91	276	54347	6.71	ng	96

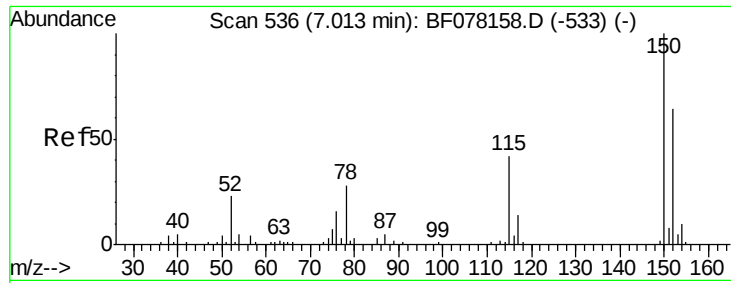
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

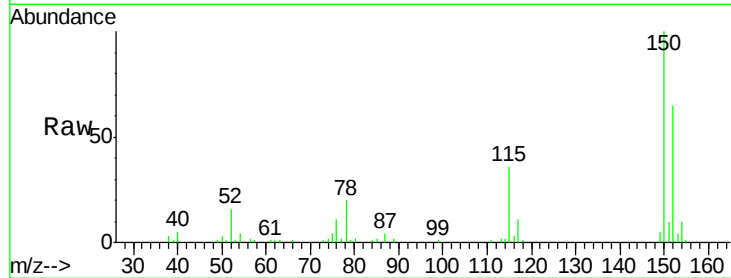
Tgt Ion:152 Resp: 33380

Ion Ratio Lower Upper

152 100

150 153.6 125.9 188.9

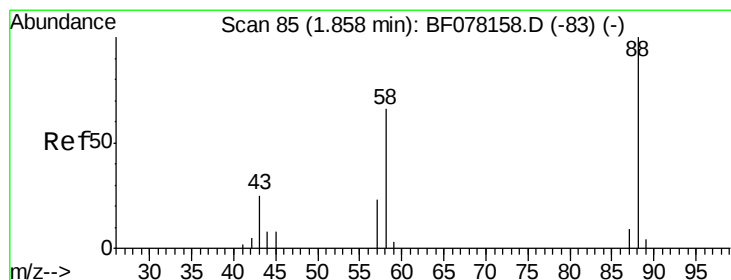
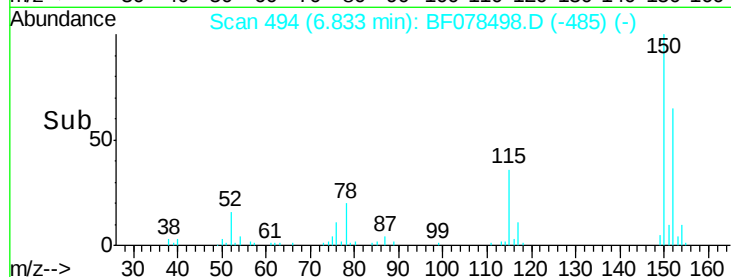
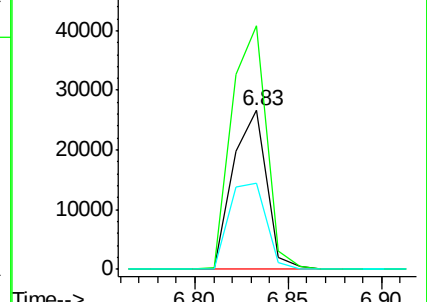
115 54.6 52.7 79.1



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



#2

1,4-Dioxane

Concen: 96.57 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

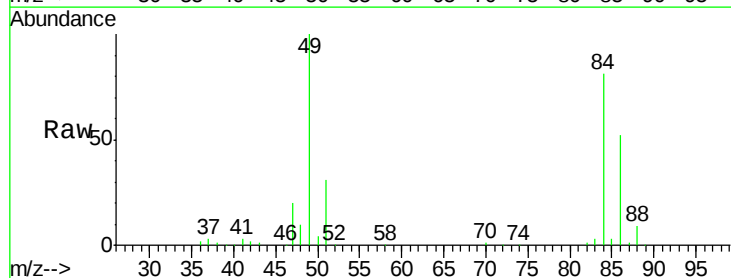
Tgt Ion: 88 Resp: 88407

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

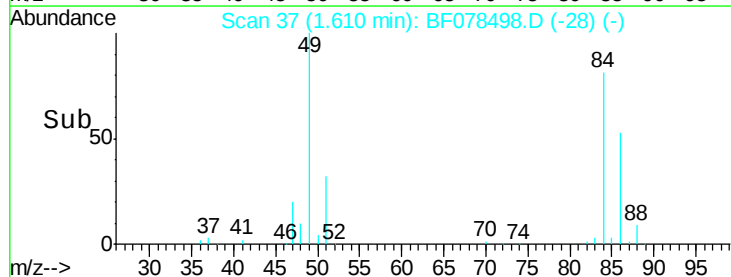
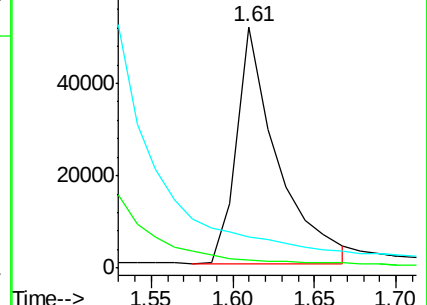
43 0.0 21.4 32.2#

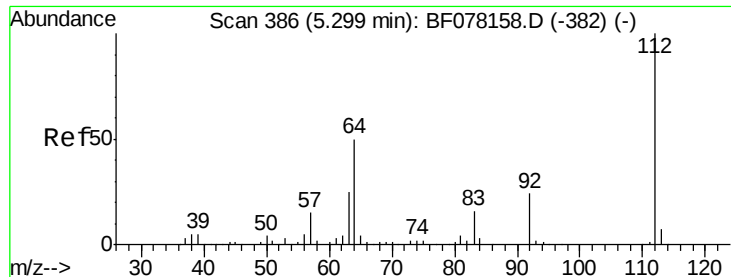


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 99.62 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.01 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleID :

SB-ODA

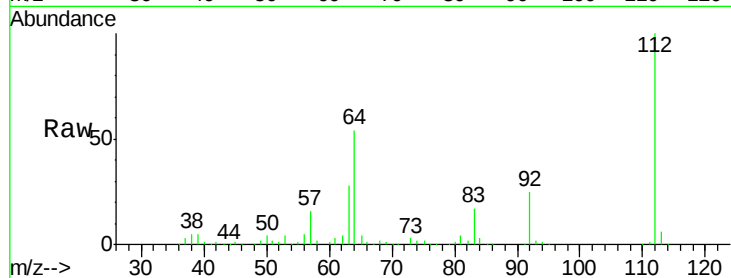
Tgt Ion: 112 Resp: 201685

Ion Ratio Lower Upper

112 100

64 53.6 39.9 59.9

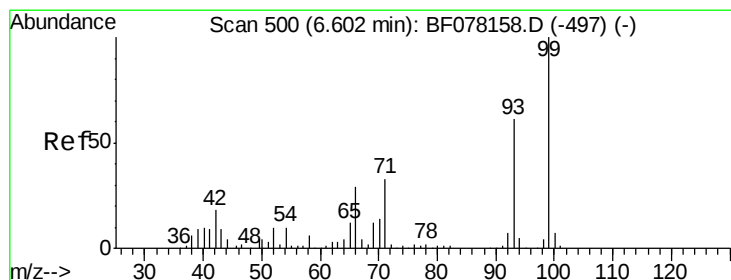
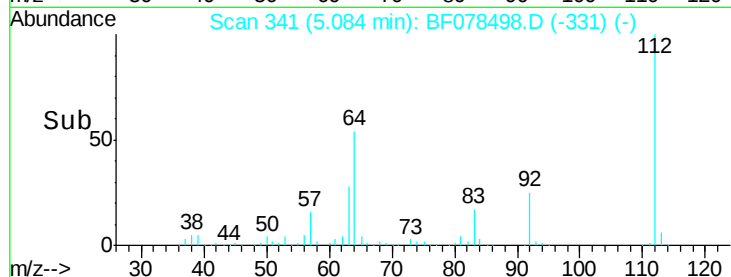
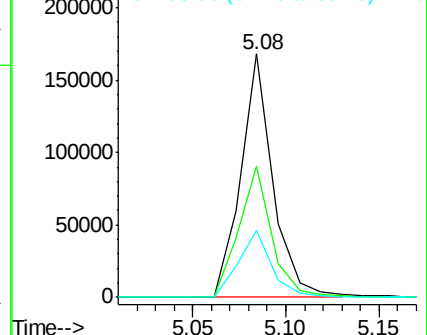
63 27.6 20.2 30.4



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: 107.01 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

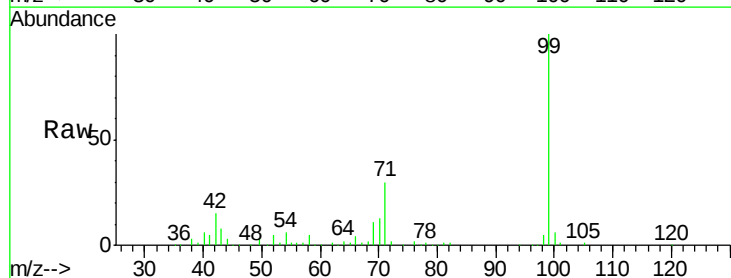
Tgt Ion: 99 Resp: 271500

Ion Ratio Lower Upper

99 100

42 14.9 14.8 22.2

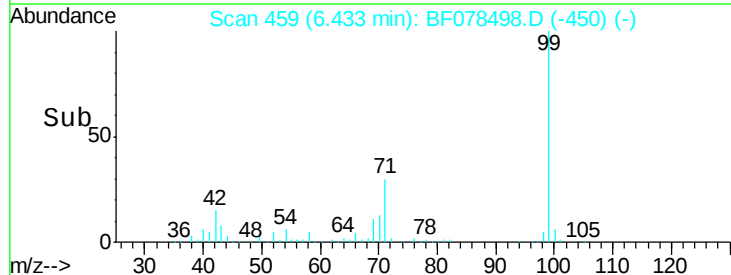
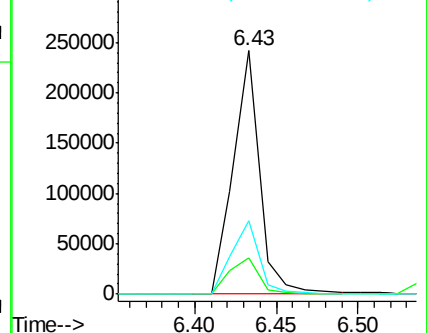
71 30.2 26.6 39.8

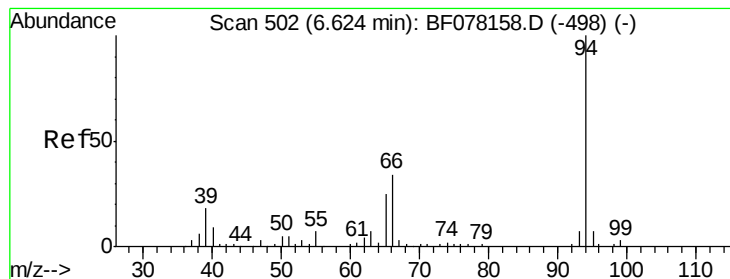


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.16 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

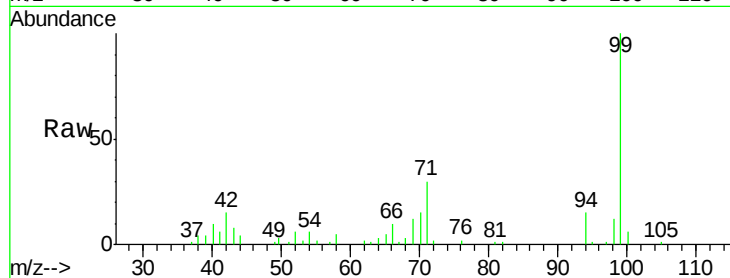
Tgt Ion: 94 Resp: 6564

Ion Ratio Lower Upper

94 100

65 36.1 4.9 44.9

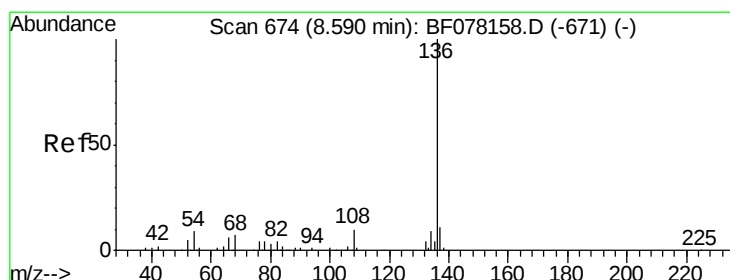
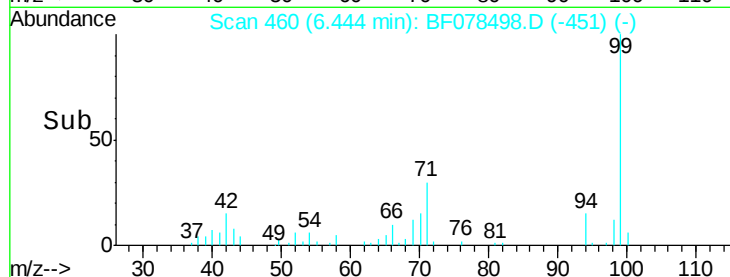
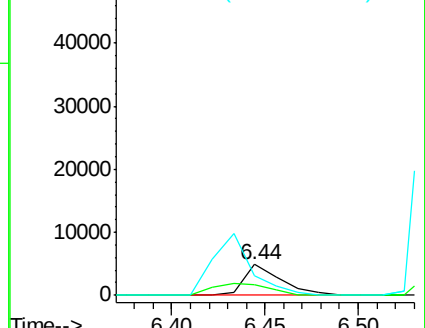
66 63.0 13.8 53.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Tgt Ion: 136 Resp: 137821

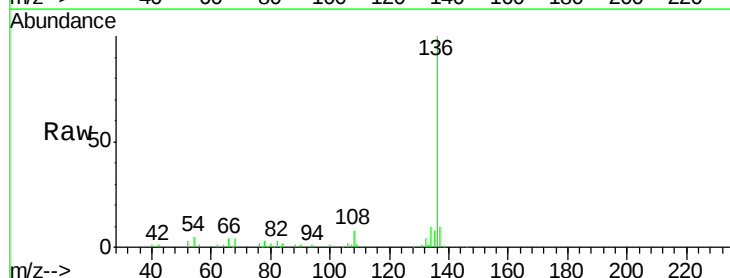
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.1 7.0 10.6#

68 4.2 5.4 8.2#

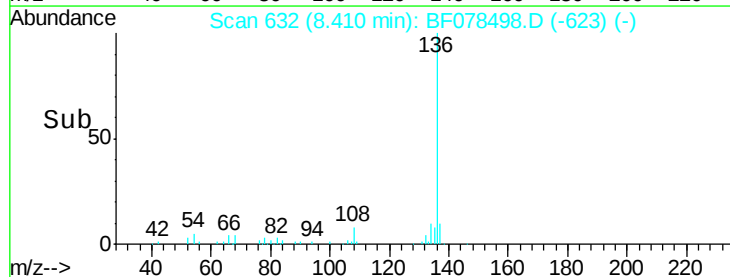
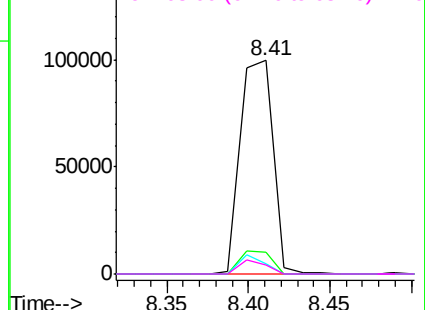


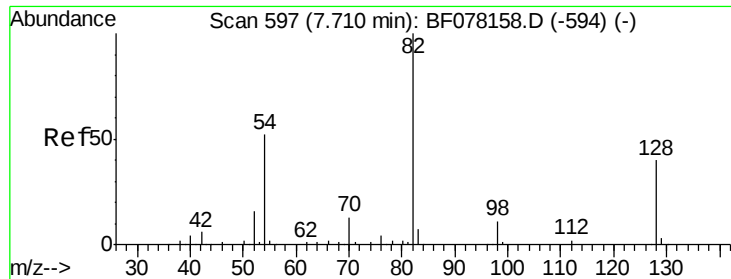
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

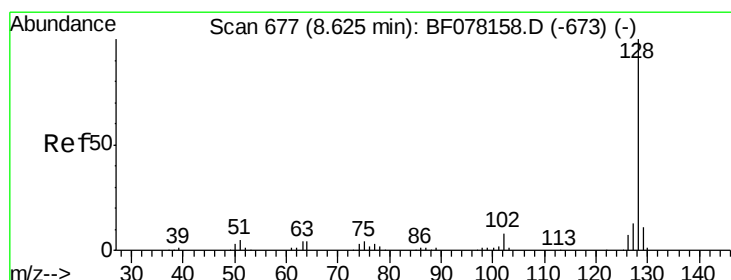
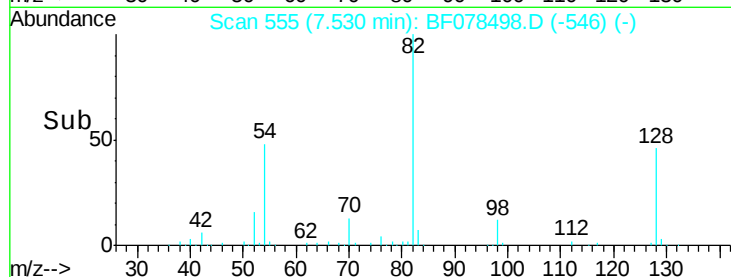
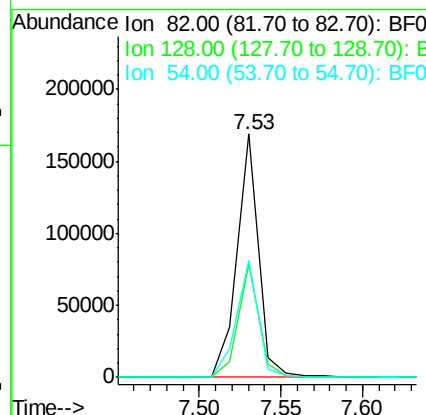
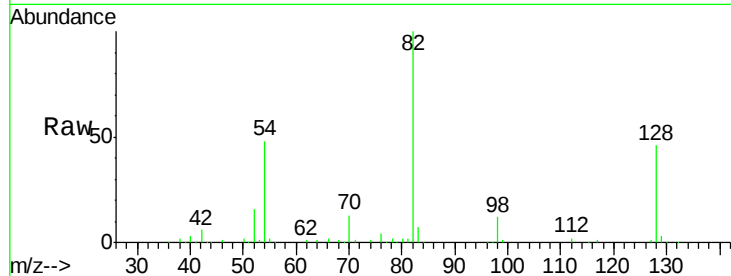




#23
Nitrobenzene-d5
Concen: 67.44 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

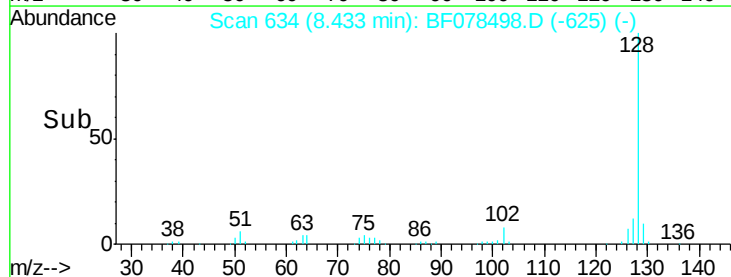
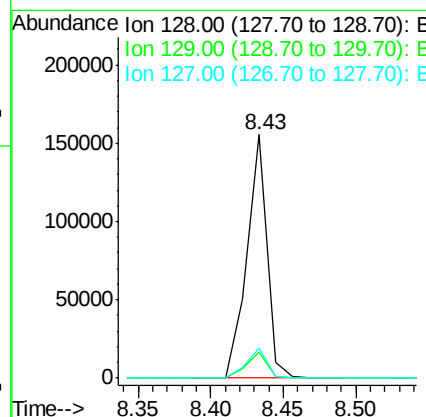
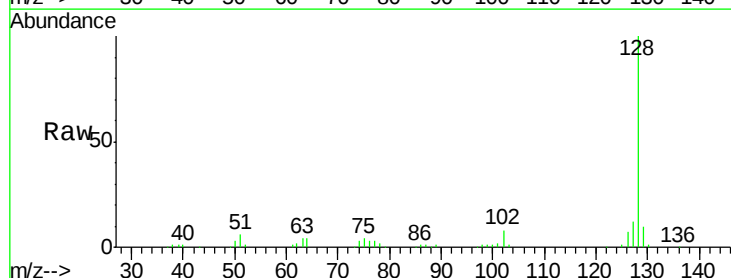
Instrument :
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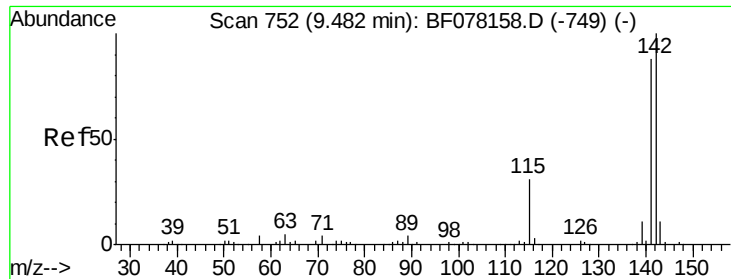
Tgt Ion: 82 Resp: 153343
Ion Ratio Lower Upper
82 100
128 46.4 31.8 47.8
54 47.9 41.5 62.3



#31
Naphthalene
Concen: 20.91 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Tgt Ion: 128 Resp: 150027
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.3 10.7 16.1

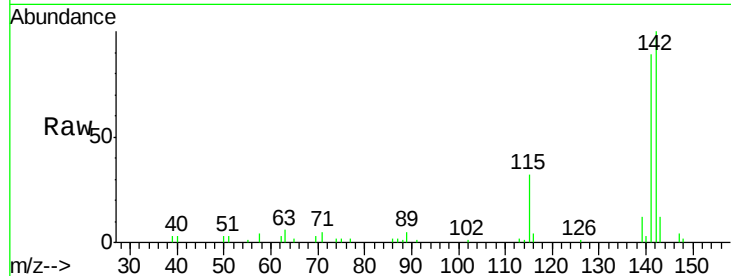




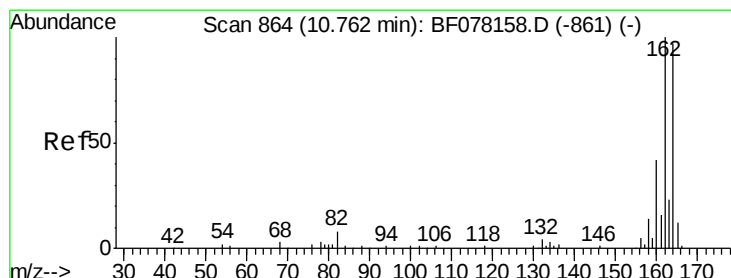
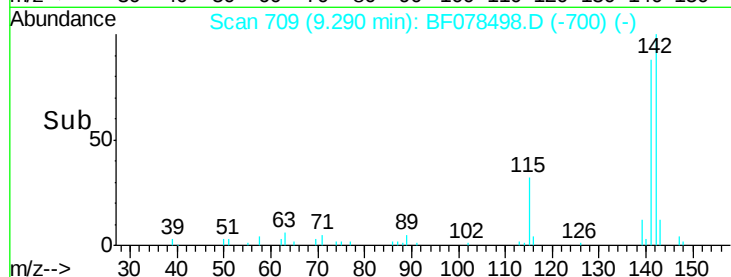
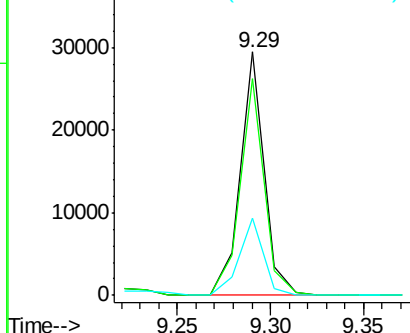
#37
 2-Methylnaphthalene
 Concen: 5.42 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-0DA

Tgt Ion:142 Resp: 26386
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5
 115 31.9 24.6 37.0

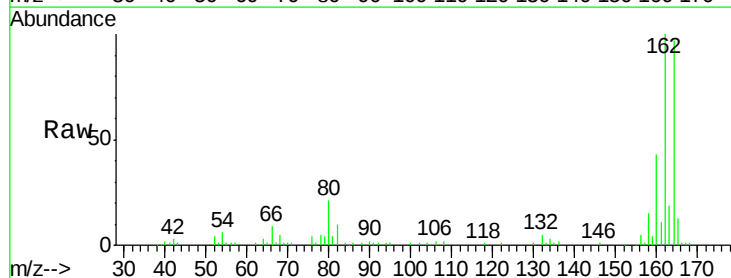


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

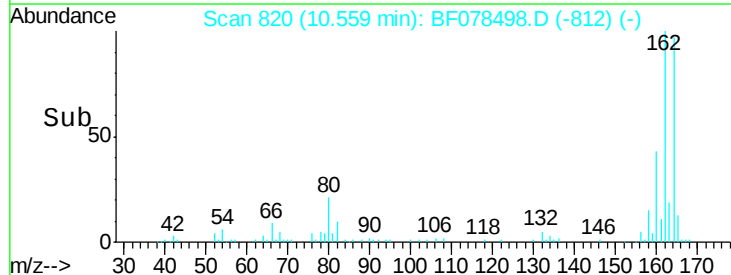
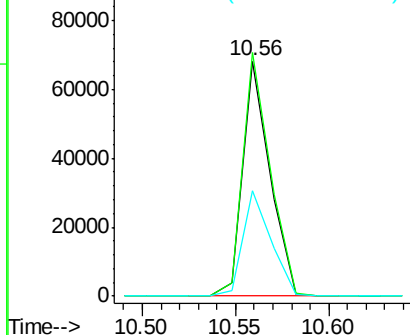


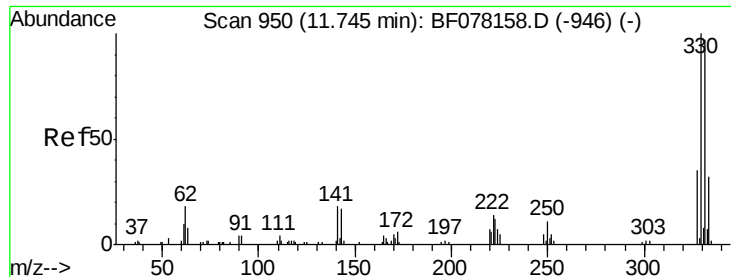
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

Tgt Ion:164 Resp: 69057
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.2
 160 44.5 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

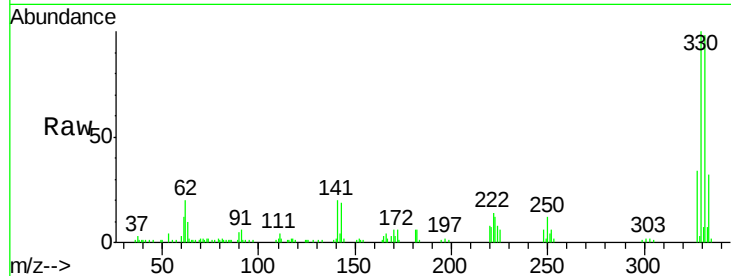




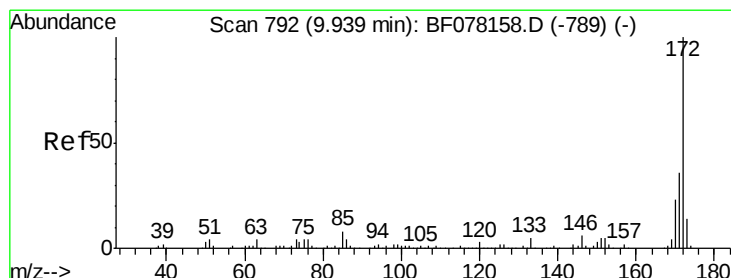
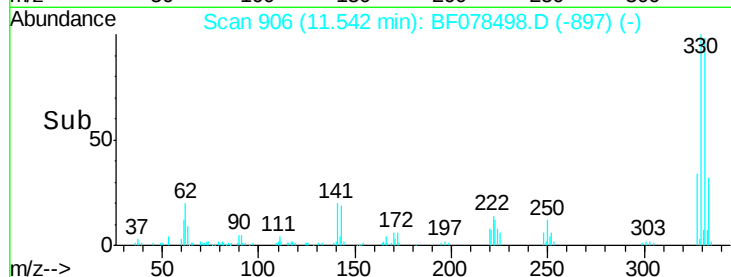
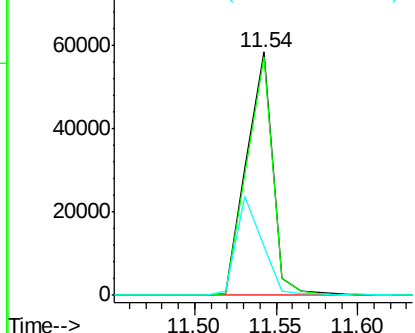
#41
 2,4,6-Tribromophenol
 Concen: 114.17 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-ODA

Tgt Ion:330 Resp: 65387
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 117.8
 141 40.5 31.2 46.8

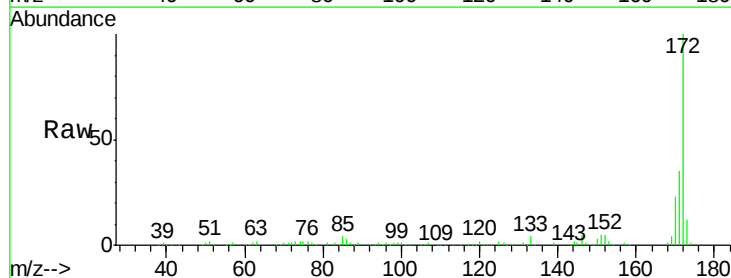


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

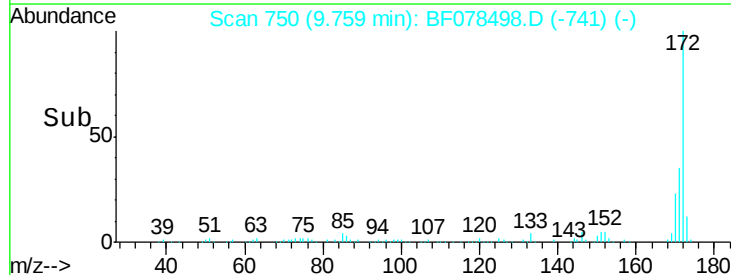
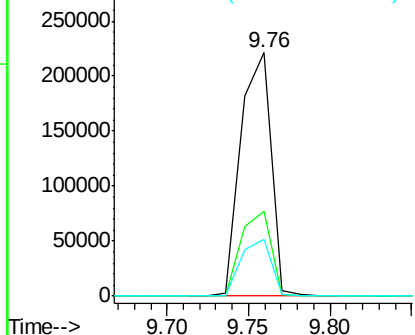


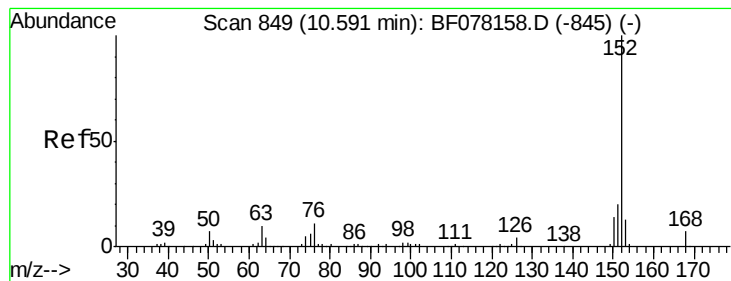
#44
 2-Fluorobiphenyl
 Concen: 58.66 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

Tgt Ion:172 Resp: 283417
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.2 18.5 27.7



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





#48

Acenaphthylene

Concen: 2.07 ng

RT: 10.39 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

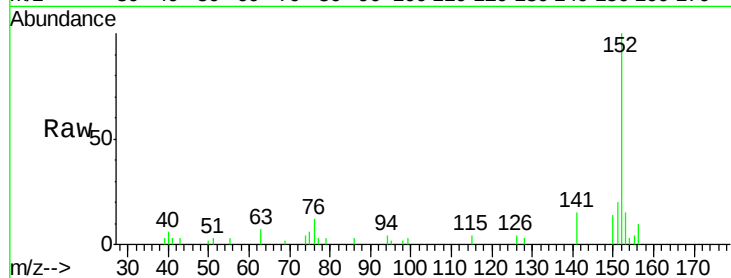
Tgt Ion:152 Resp: 14846

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

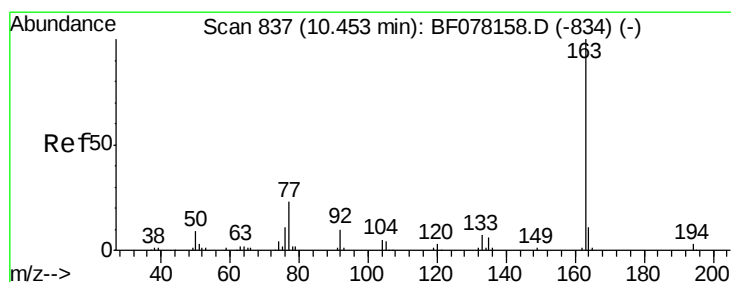
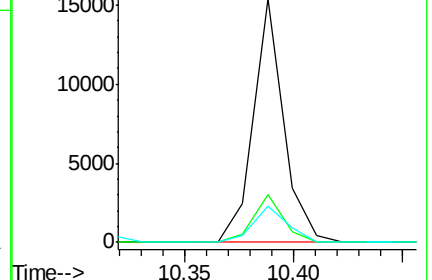
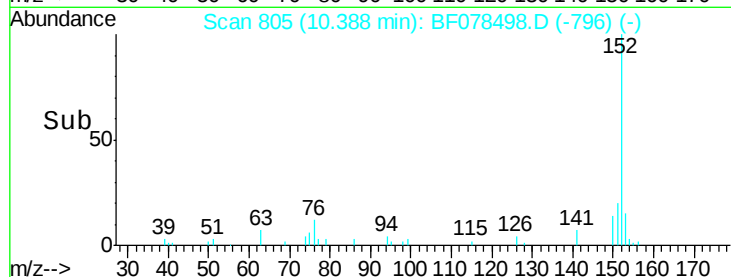
153 14.7 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.05 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

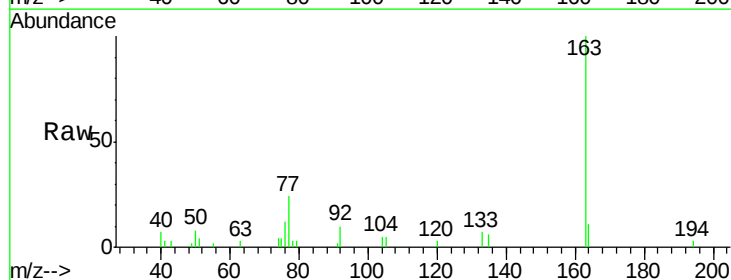
Tgt Ion:163 Resp: 15842

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

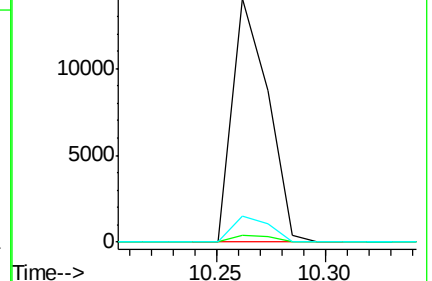
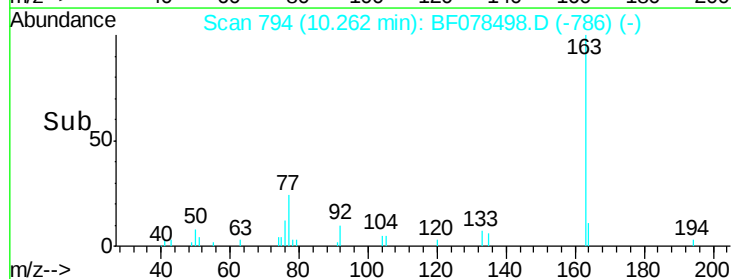
164 10.8 8.6 13.0

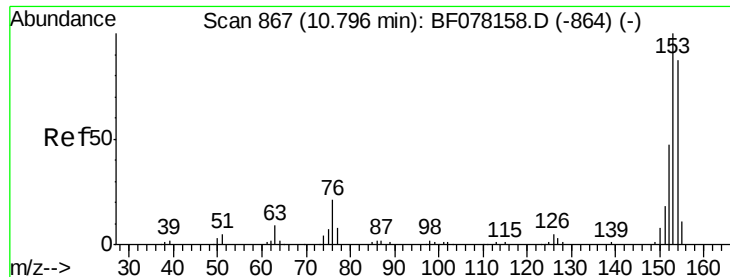


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 16.77 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

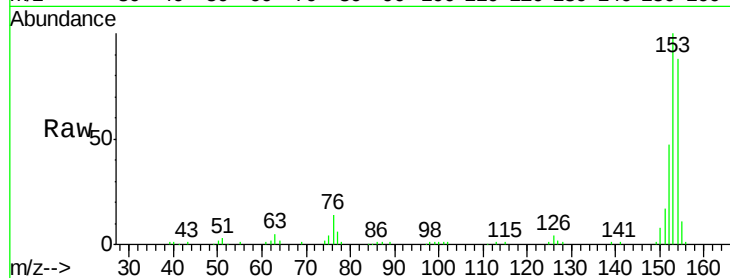
Tgt Ion:154 Resp: 67753

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

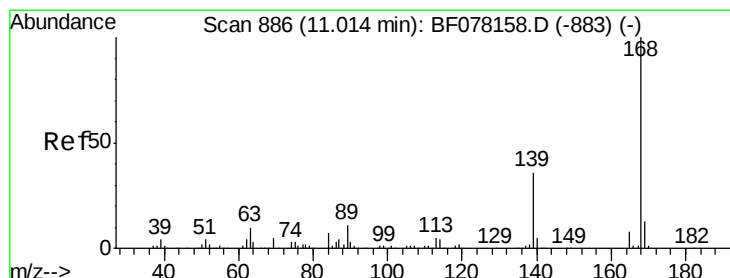
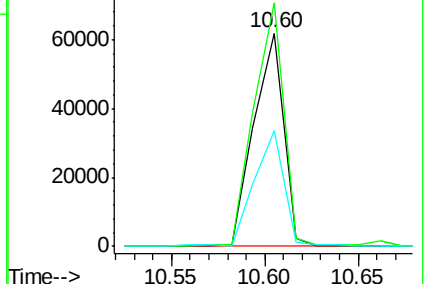
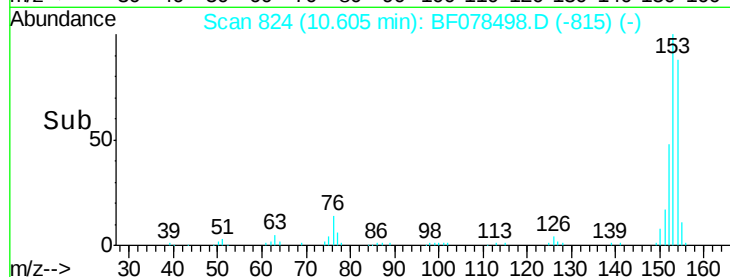
152 54.0 43.0 64.6



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: 3.79 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

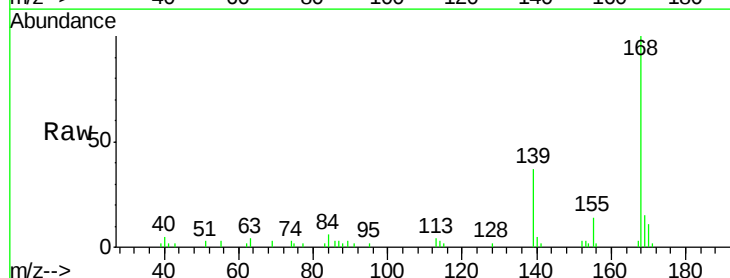
Tgt Ion:168 Resp: 23403

Ion Ratio Lower Upper

168 100

139 37.0 31.0 46.4

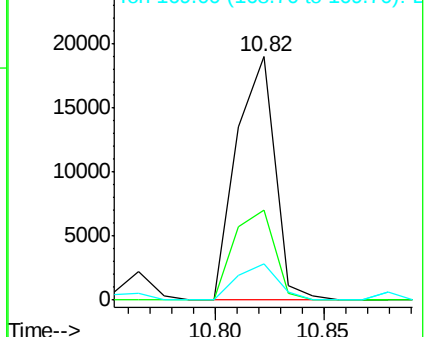
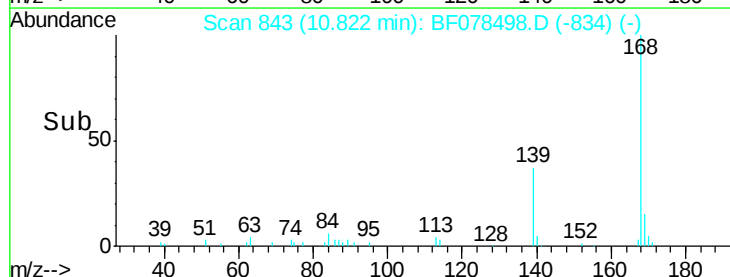
169 14.8 10.7 16.1

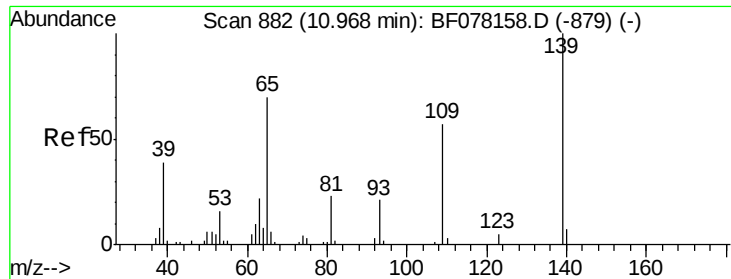


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

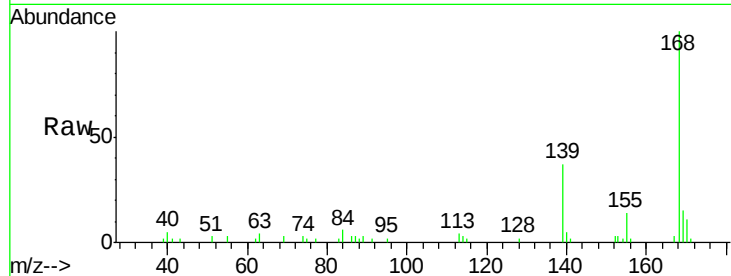




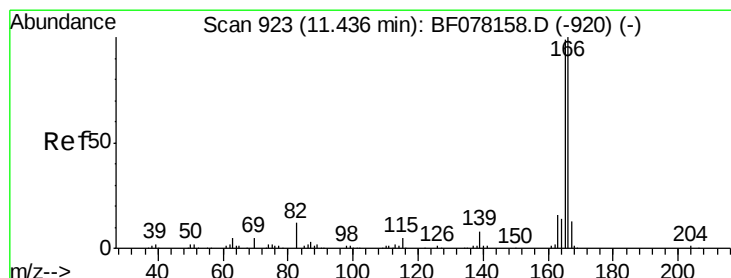
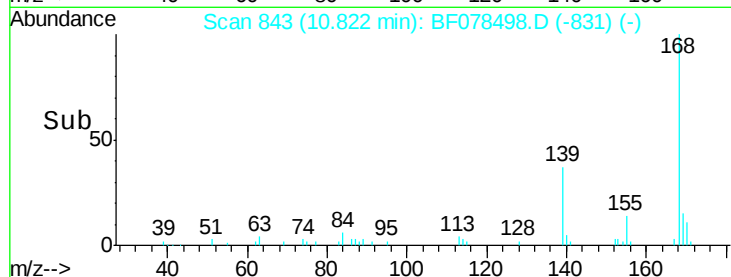
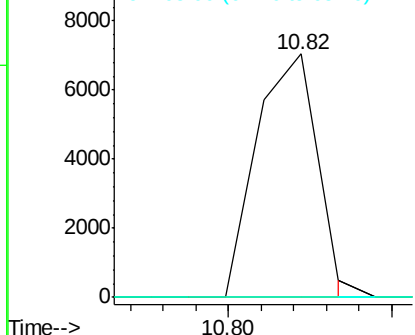
#55
4-Nitrophenol
Concen: 12.58 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.03 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Instrument :
BNA_F
ClientSampleId :
SB-0DA

Tgt Ion:139 Resp: 9088
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

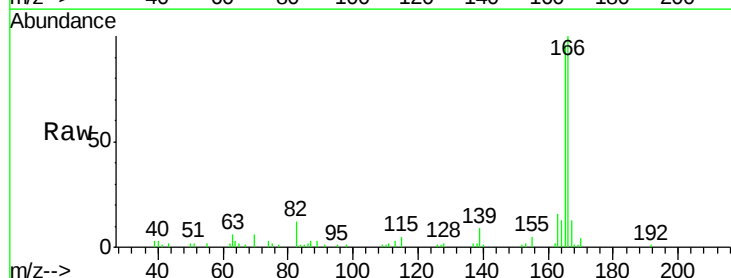


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

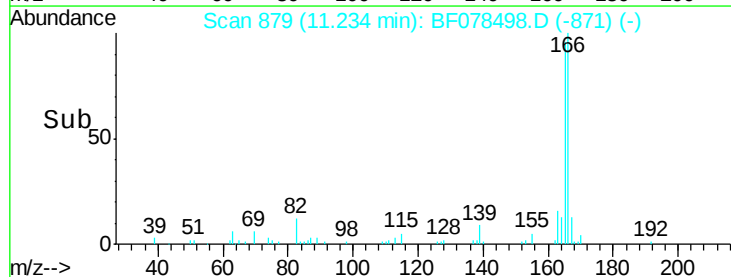
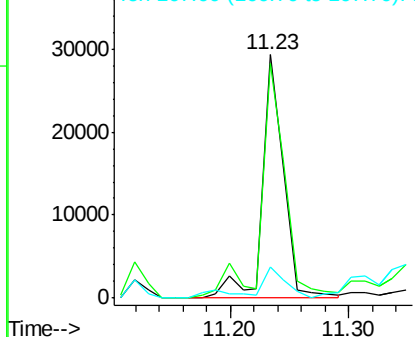


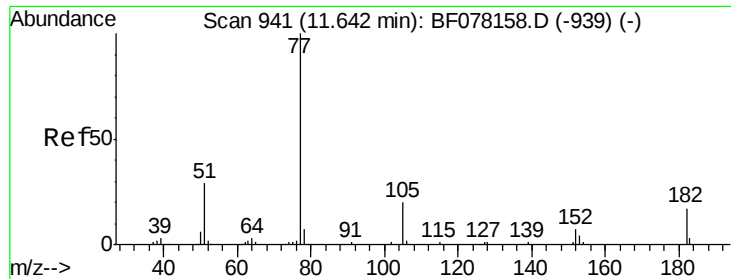
#57
Fluorene
Concen: 7.26 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Tgt Ion:166 Resp: 36335
Ion Ratio Lower Upper
166 100
165 96.3 78.9 118.3
167 13.0 10.7 16.1



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

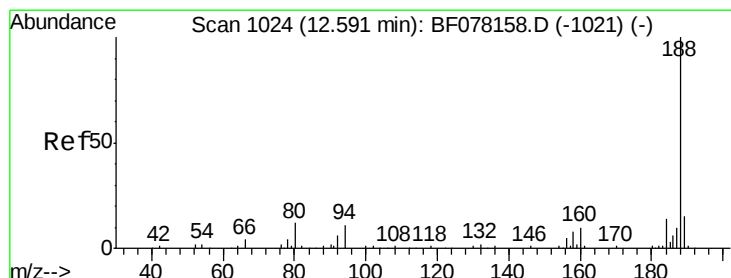
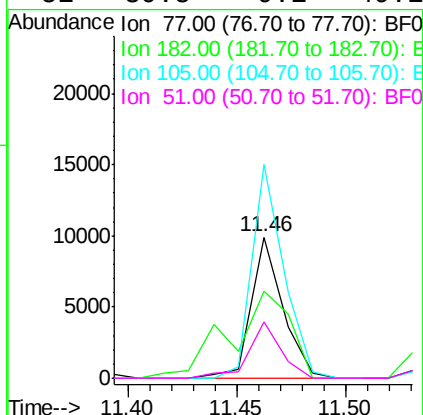
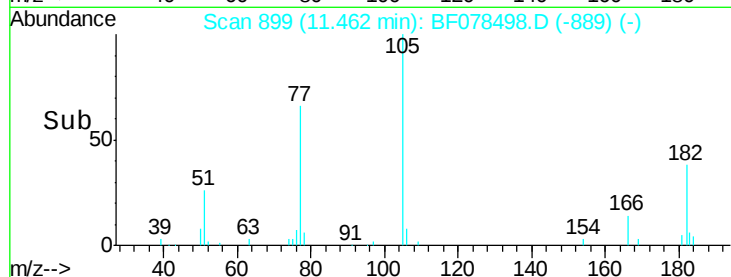
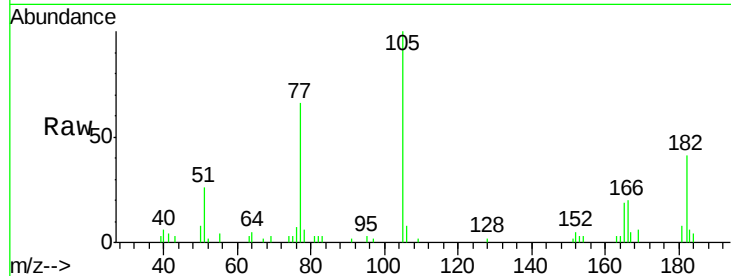




#62
Azobenzene
Concen: 2.23 ng
RT: 11.46 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

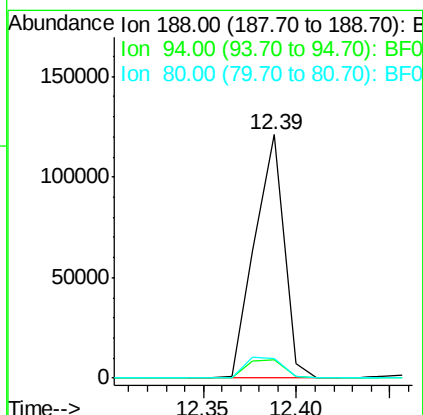
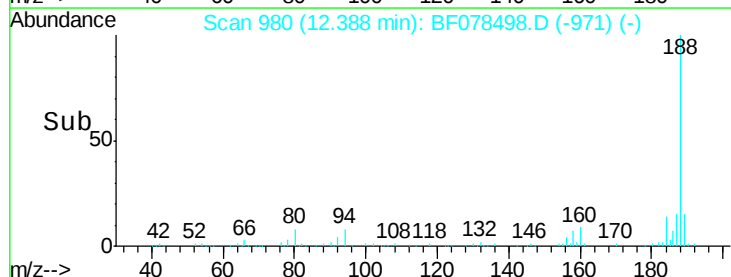
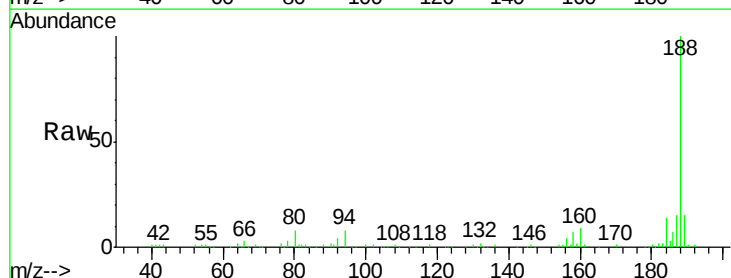
Instrument :
BNA_F
ClientSampleId :
SB-0DA

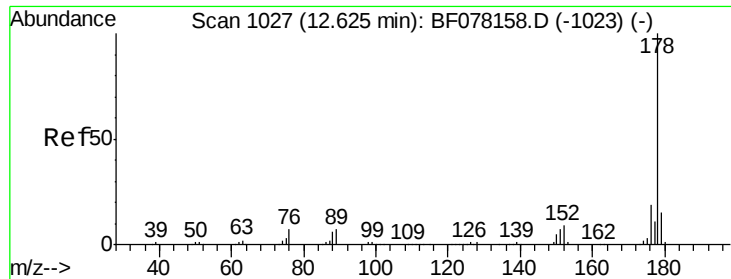
Tgt Ion: 77 Resp: 10167
Ion Ratio Lower Upper
77 100
182 61.9 0.0 36.8#
105 151.4 0.3 40.3#
51 39.8 9.1 49.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Tgt Ion: 188 Resp: 132466
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 8.1 9.5 14.3#

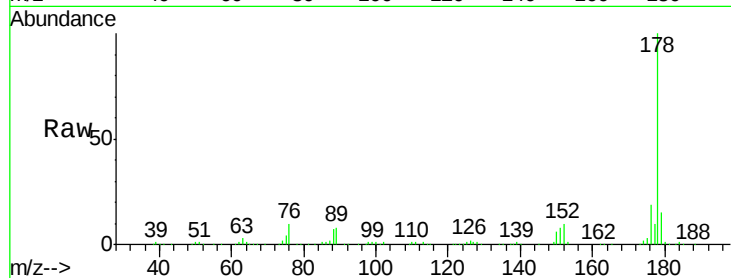




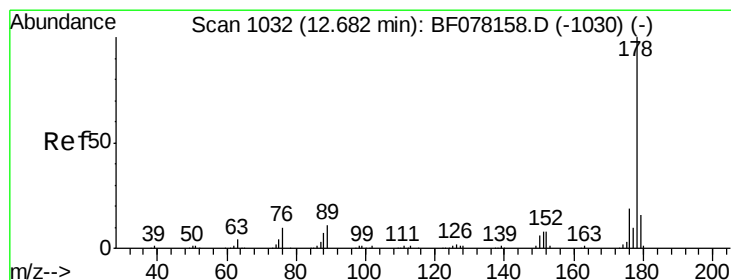
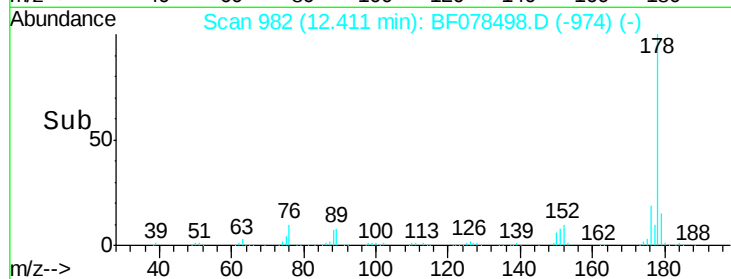
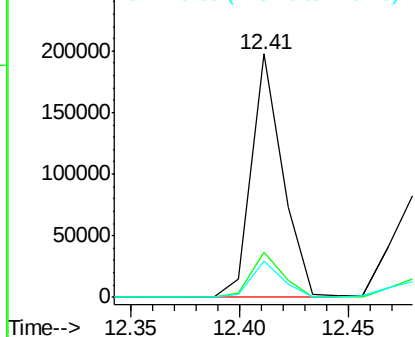
#70
Phenanthrene
Concen: 25.87 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Instrument :
BNA_F
ClientSampled :
SB-ODA

Tgt Ion:178 Resp: 198238
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 14.7 12.2 18.2

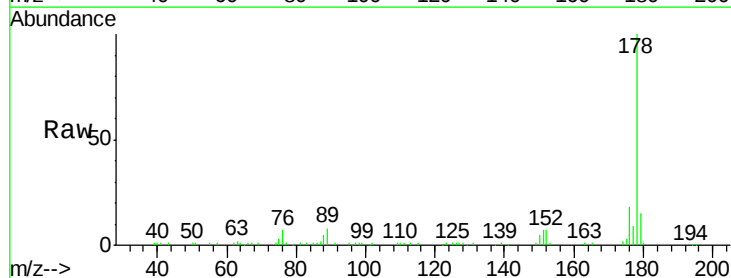


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

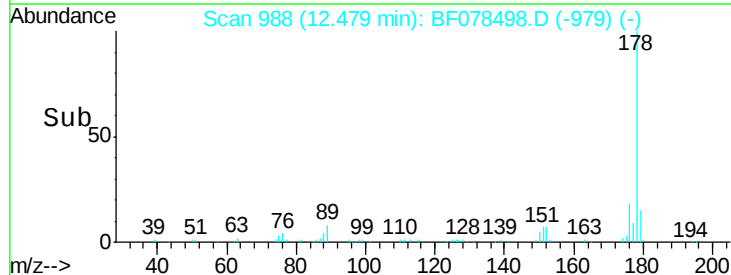
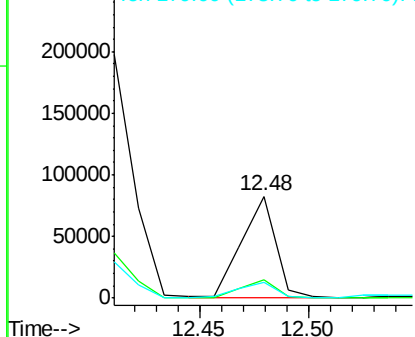


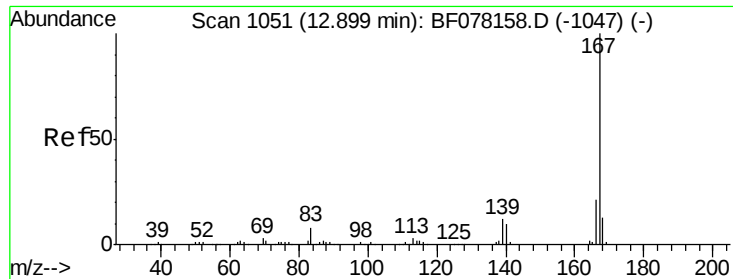
#71
Anthracene
Concen: 11.80 ng
RT: 12.48 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF078498.D
Acq: 14 Apr 2015 11:19

Tgt Ion:178 Resp: 89062
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 15.4 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: 2.06 ng

RT: 12.70 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

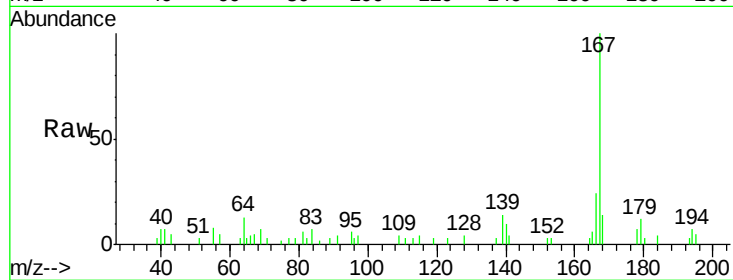
Tgt Ion:167 Resp: 14557

Ion Ratio Lower Upper

167 100

166 24.2 16.8 25.2

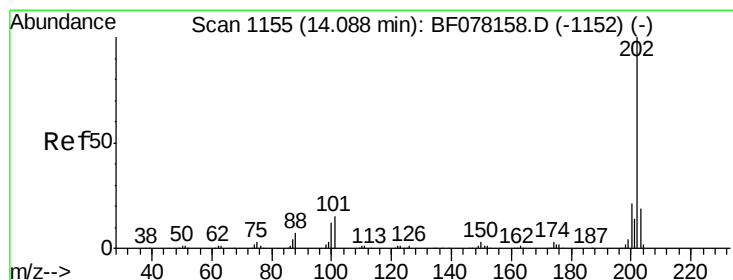
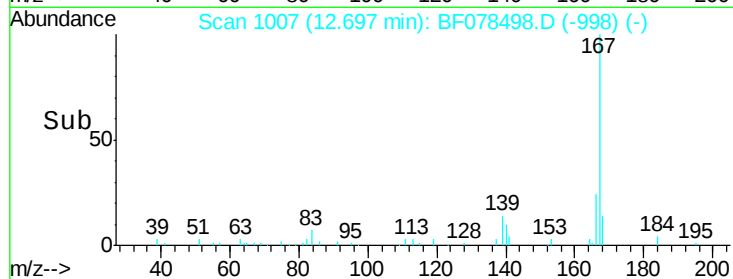
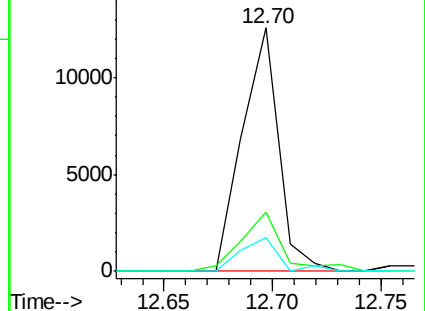
139 13.9 10.0 15.0



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: 29.46 ng

RT: 13.87 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

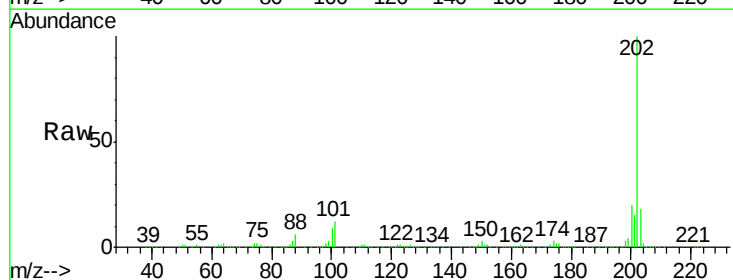
Tgt Ion:202 Resp: 238089

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.2

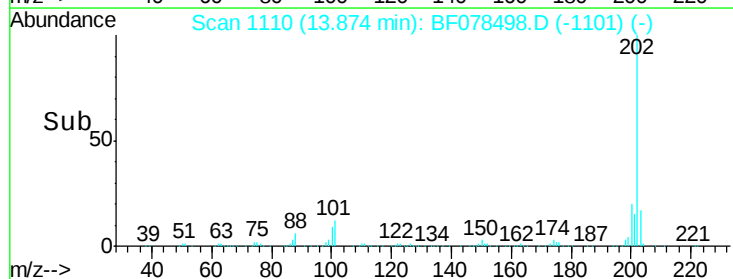
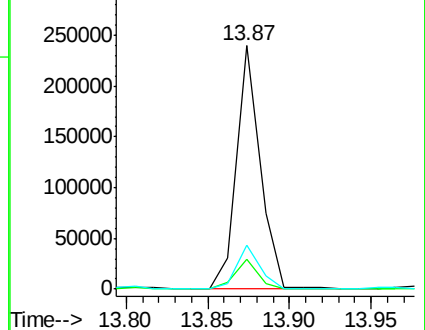
203 17.9 0.0 38.5

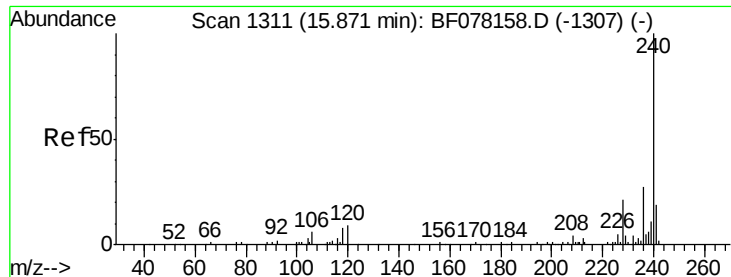


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.63 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

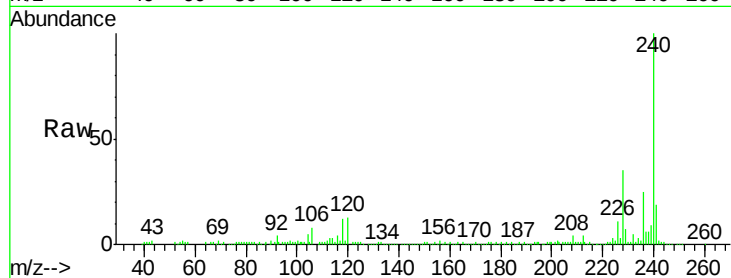
Tgt Ion:240 Resp: 144811

Ion Ratio Lower Upper

240 100

120 13.0 7.1 10.7#

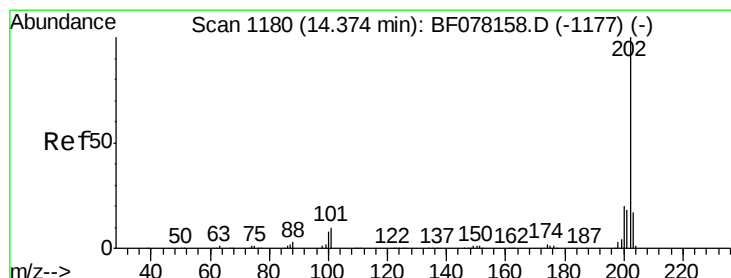
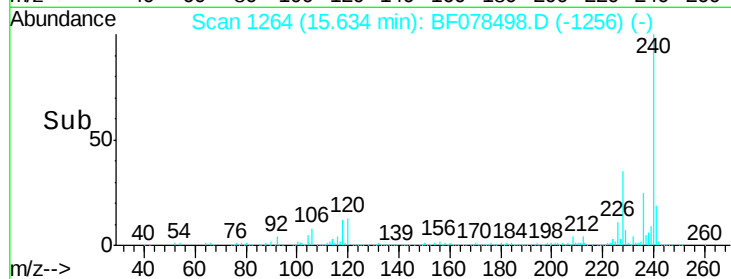
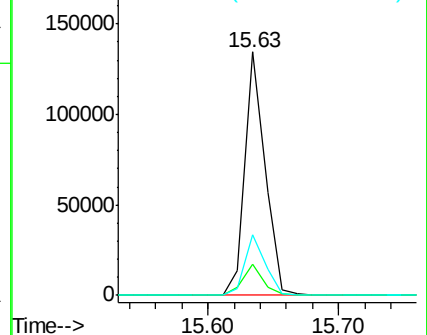
236 25.0 21.4 32.2



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: 35.80 ng

RT: 14.15 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

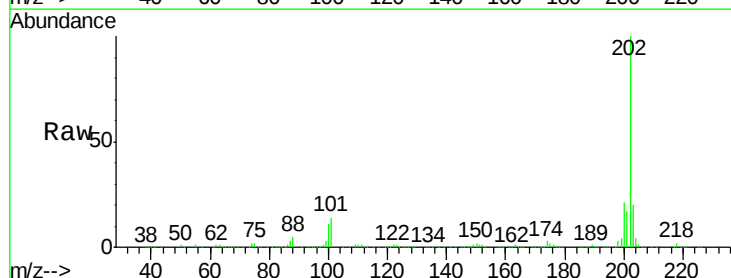
Tgt Ion:202 Resp: 325489

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

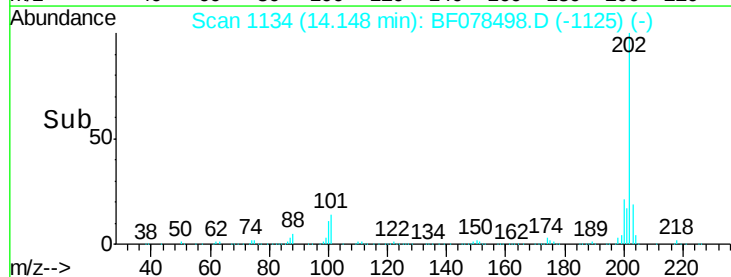
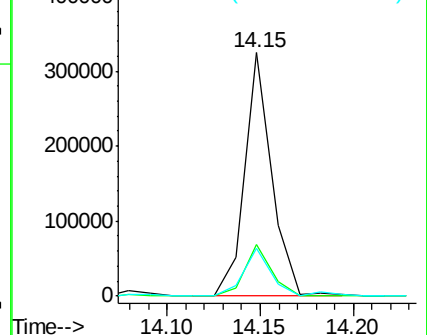
203 19.5 13.8 20.6

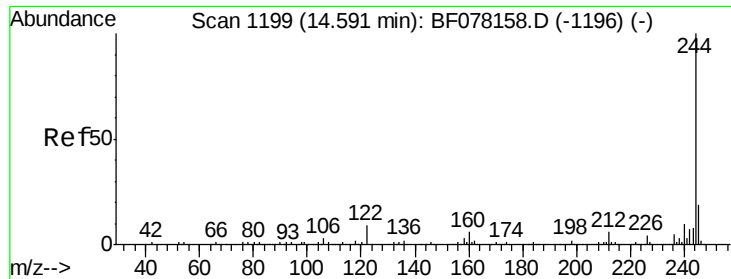


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

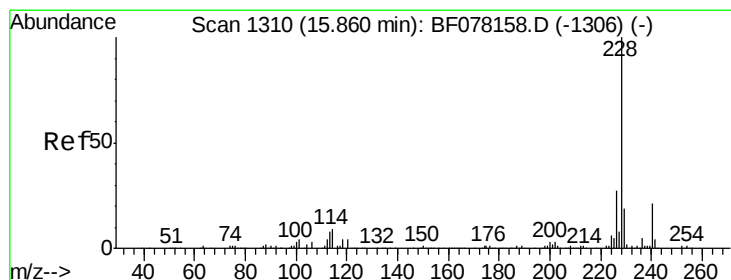
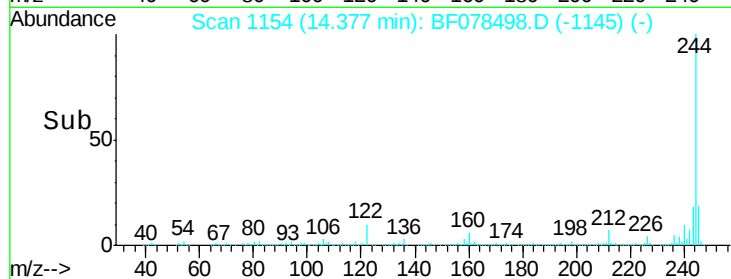
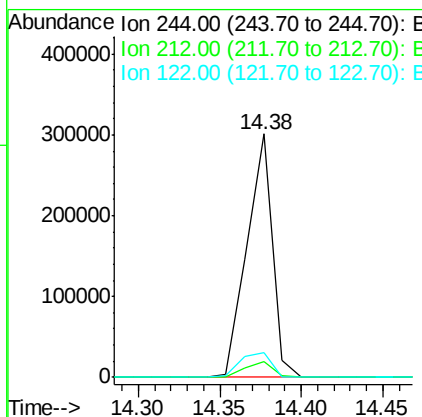
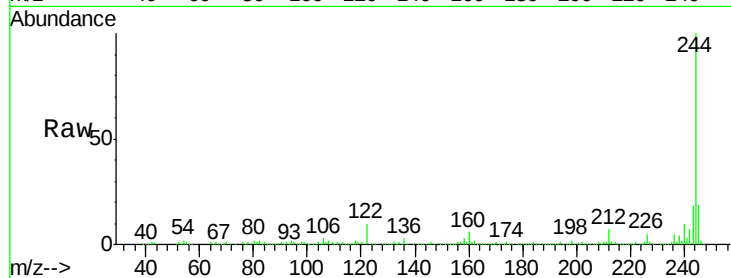




#78
 Terphenyl-d14
 Concen: 50.69 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

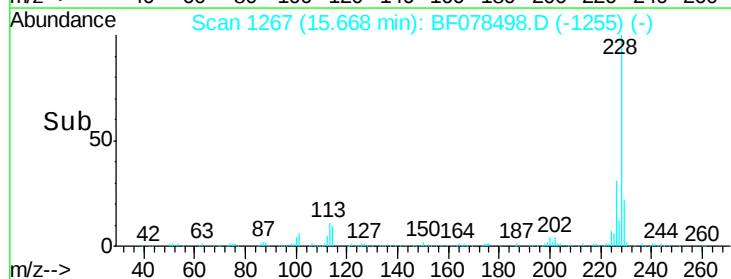
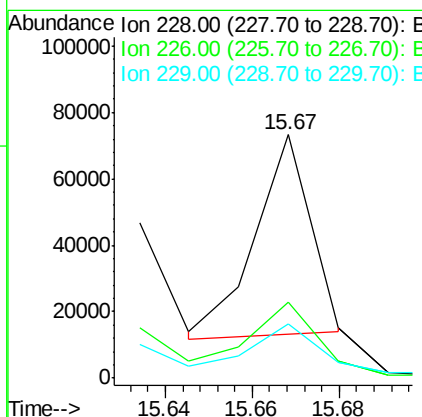
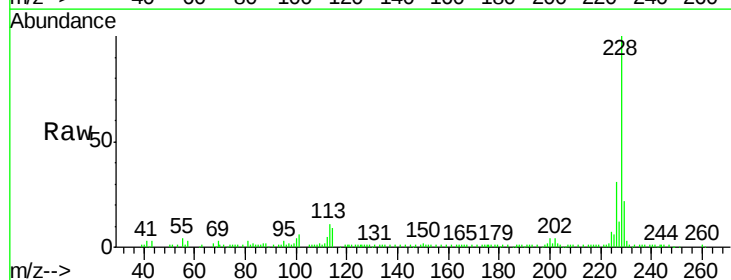
Instrument :
 BNA_F
 ClientSampleId :
 SB-0DA

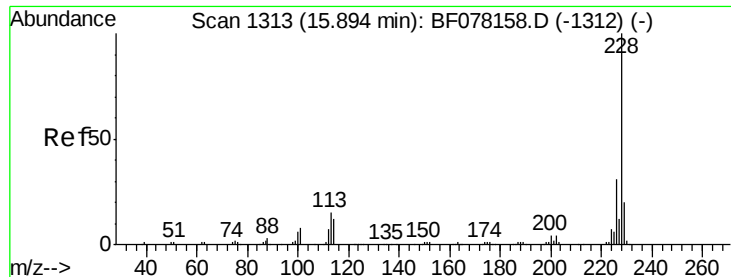
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	9.9	7.1	10.7



#80
 Benzo(a)anthracene
 Concen: 6.22 ng
 RT: 15.67 min Scan# 1267
 Delta R.T. 0.03 min
 Lab File: BF078498.D
 Acq: 14 Apr 2015 11:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.3	31.9
229	22.4	15.4	23.2





#82

Chrysene

Concen: 9.79 ng

RT: 15.67 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-ODA

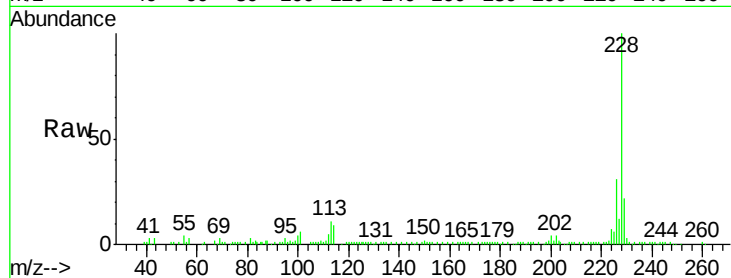
Tgt Ion:228 Resp: 79266

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

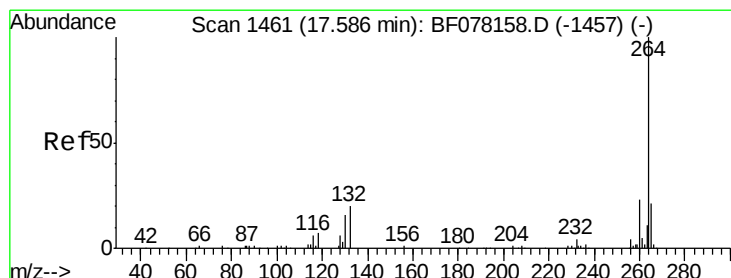
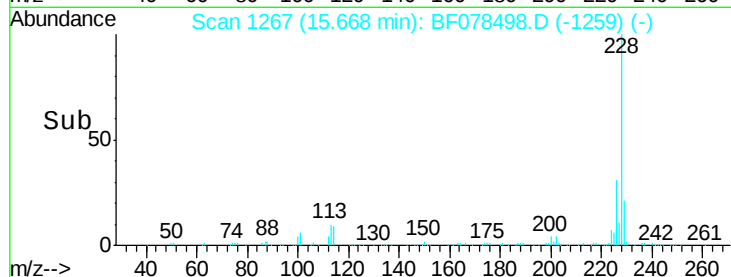
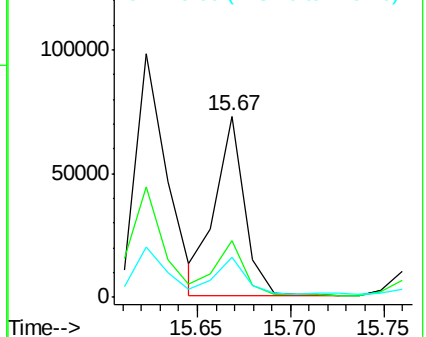
229 22.4 15.8 23.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.34 min Scan# 1413

Delta R.T. 0.05 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

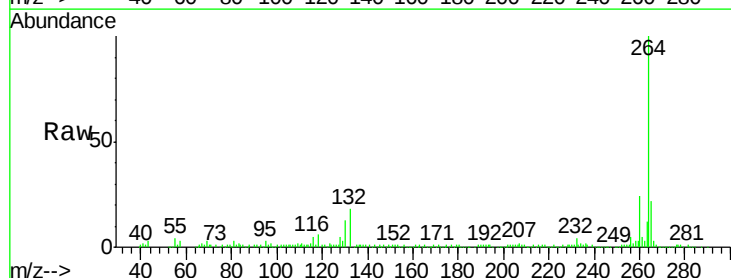
Tgt Ion:264 Resp: 149581

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

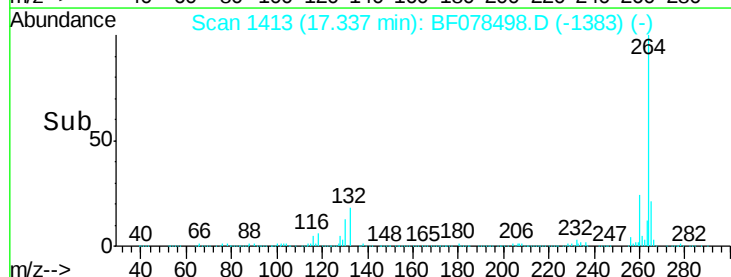
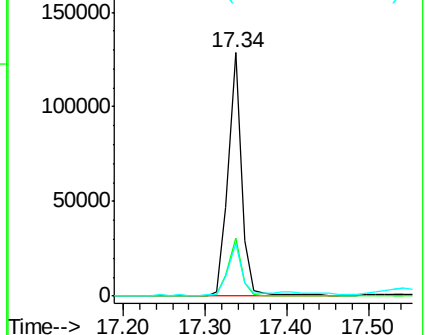
265 21.6 17.0 25.6

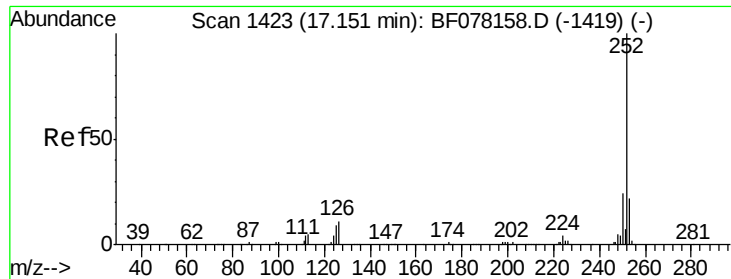


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 13.09 ng

RT: 16.90 min Scan# 1375

Delta R.T. 0.02 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

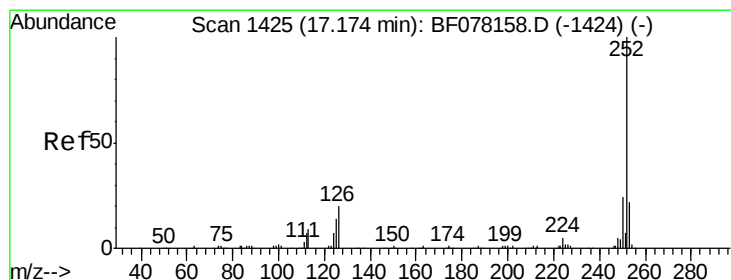
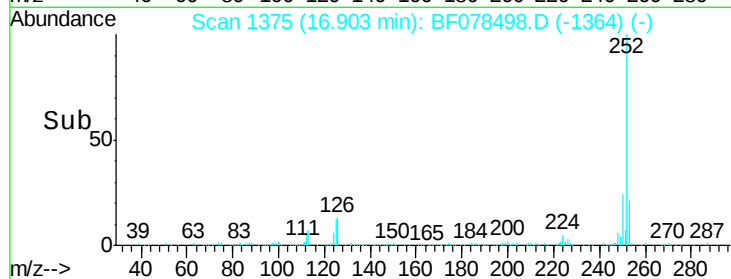
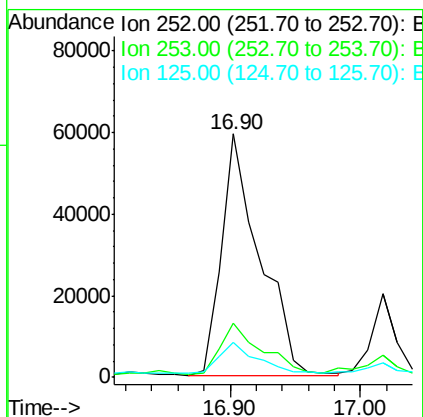
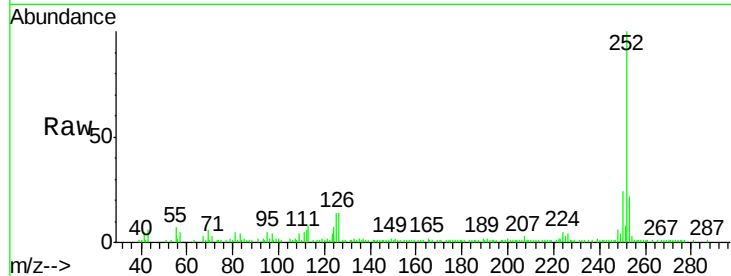
Instrument :

BNA_F

ClientSampleId :

SB-0DA

Tgt Ion:	252	Resp:	120983
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	14.2	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 14.20 ng

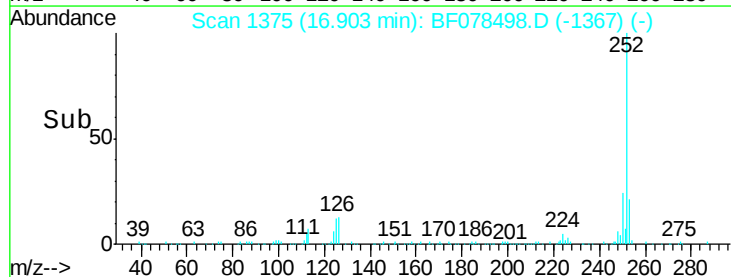
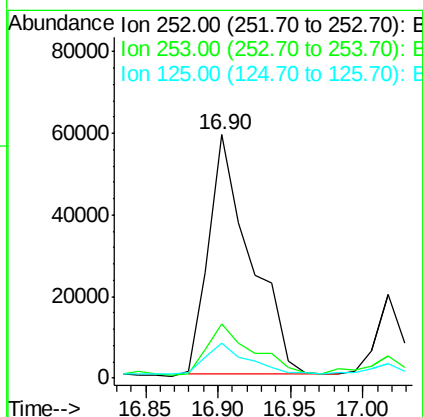
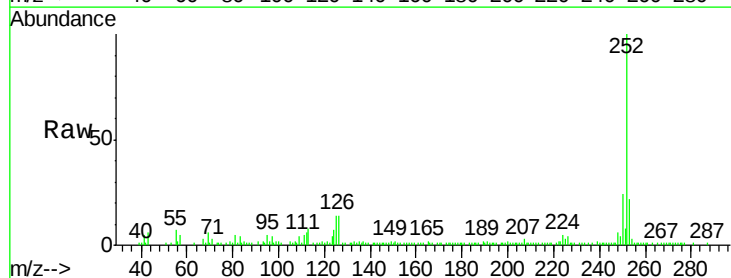
RT: 16.90 min Scan# 1375

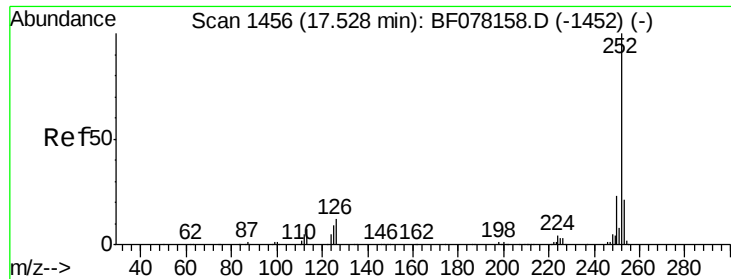
Delta R.T. -0.01 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Tgt Ion:	252	Resp:	116671
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	14.2	11.6	17.4





#89

Benzo(a)pyrene

Concen: 12.61 ng

RT: 17.27 min Scan# 1407

Delta R.T. 0.03 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

Instrument :

BNA_F

ClientSampleId :

SB-0DA

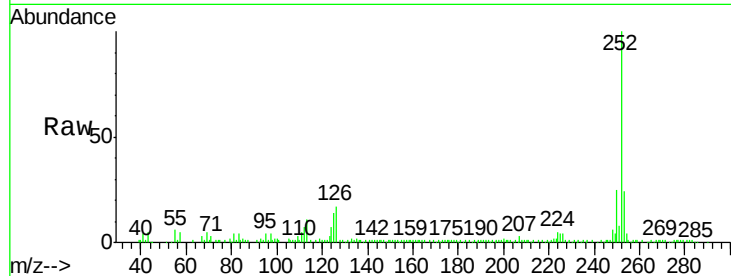
Tgt Ion:252 Resp: 101755

Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

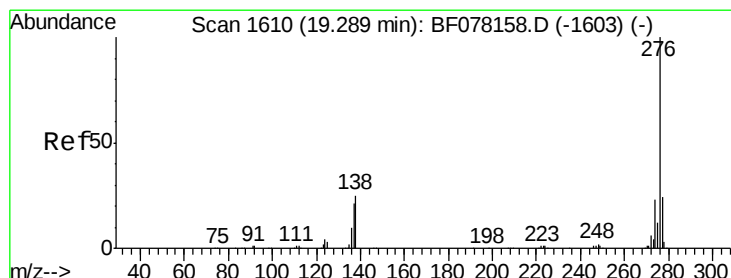
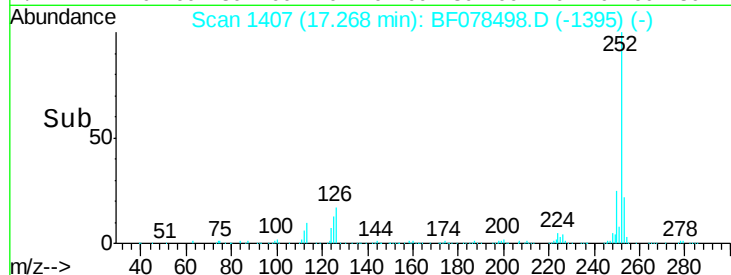
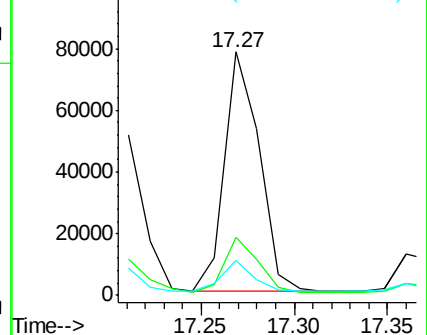
125 14.2 7.4 11.0#



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



#91

Benzo(g,h,i)perylene

Concen: 6.71 ng

RT: 18.91 min Scan# 1551

Delta R.T. 0.07 min

Lab File: BF078498.D

Acq: 14 Apr 2015 11:19

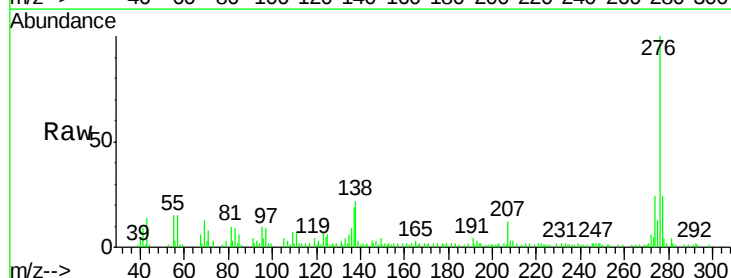
Tgt Ion:276 Resp: 54347

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 21.7 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

