

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078354.D
 Acq On : 9 Apr 2015 00:51
 Operator : TP/IZ
 Sample : G1793-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D

Quant Time: Apr 09 01:13:17 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	40579	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	168571	20.00	ng	0.01
38) Acenaphthene-d10	10.66	164	84905	20.00	ng	0.01
63) Phenanthrene-d10	12.49	188	159207	20.00	ng	0.01
75) Chrysene-d12	15.76	240	159130	20.00	ng	-0.01
86) Perylene-d12	17.44	264	169553	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	30117	12.24	ng	0.01
7) Phenol-d6	6.52	99	37838	12.27	ng	0.01
23) Nitrobenzene-d5	7.61	82	21243	7.64	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	7778	11.05	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	46630	7.85	ng	0.00
78) Terphenyl-d14	14.48	244	54521	7.74	ng	0.00

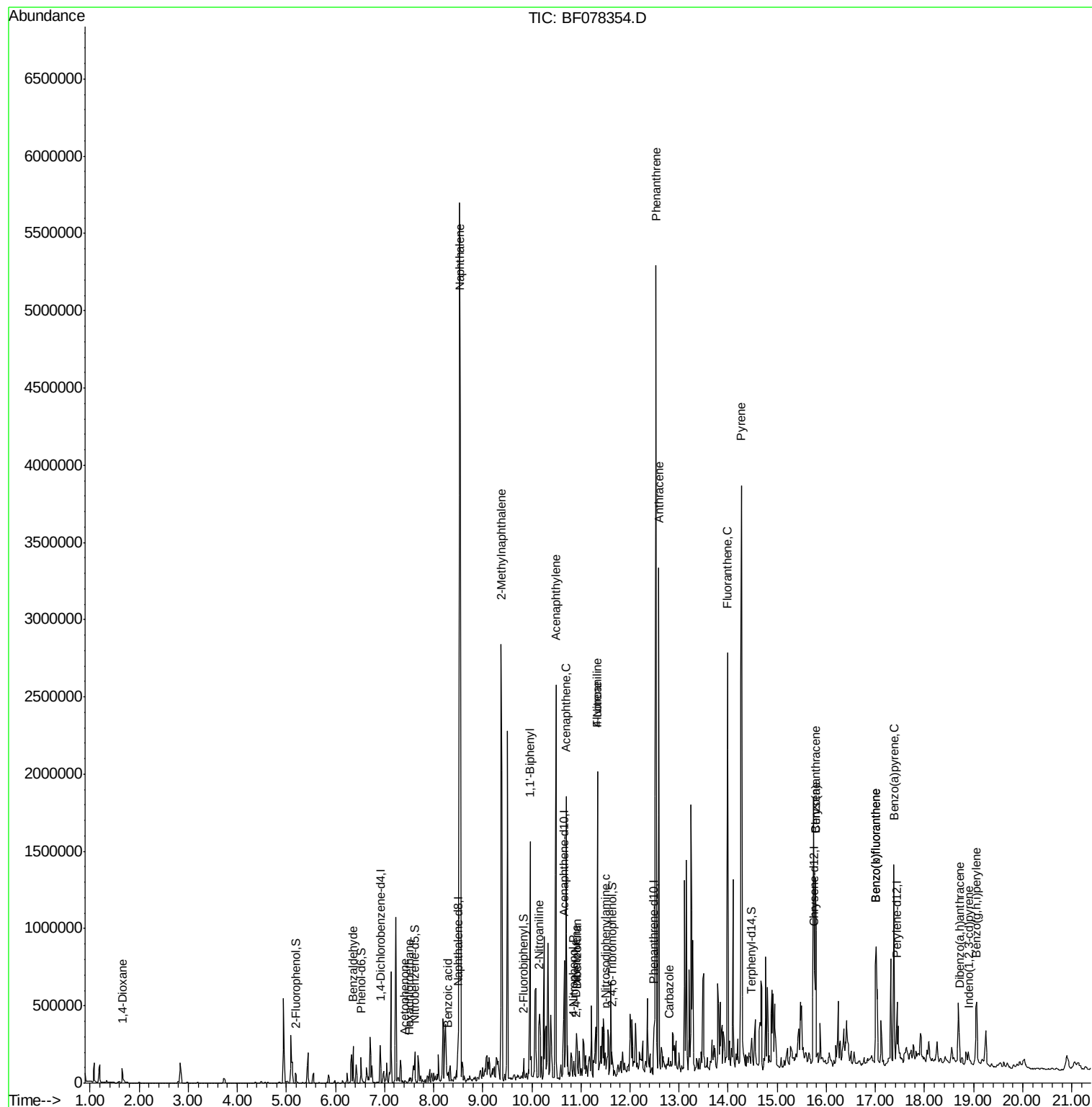
Target Compounds						Qvalue
2) 1,4-Dioxane	1.65	88	4066	3.65	ng	# 23
9) Benzaldehyde	6.36	77	10176	4.98	ng	# 1
18) Hexachloroethane	7.49	117	4504	4.15	ng	# 22
22) Acetophenone	7.41	105	8411	2.14	ng	# 63
31) Naphthalene	8.53	128	4741661	540.43	ng	# 94
32) Benzoic acid	8.29	122	1180	6.65	ng	# 1
37) 2-Methylnaphthalene	9.38	142	1132941	190.19	ng	98
45) 1,1'-Biphenyl	9.96	154	511772	73.69	ng	99
47) 2-Nitroaniline	10.16	65	3054	2.26	ng	# 38
48) Acenaphthylene	10.49	152	1188966	134.75	ng	97
51) Acenaphthene	10.69	154	499423	100.53	ng	98
54) Dibenzofuran	10.91	168	66169	8.72	ng	# 97
55) 4-Nitrophenol	10.85	139	844	3.51	ng	# 54
56) 2,4-Dinitrotoluene	10.90	165	9071	5.34	ng	# 67
57) Fluorene	11.33	166	824003	133.97	ng	98
61) 4-Nitroaniline	11.33	138	7901	5.24	ng	# 25
65) n-Nitrosodiphenylamine	11.49	169	18121	3.29	ng	# 1
70) Phenanthrene	12.53	178	3062656	332.56	ng	95
71) Anthracene	12.59	178	1459123	160.79	ng	97
72) Carbazole	12.80	167	17084	2.01	ng	# 88
74) Fluoranthene	13.99	202	1728036	177.93	ng	98
77) Pyrene	14.27	202	2104655	210.69	ng	95
80) Benzo(a)anthracene	15.78	228	556943	58.82	ng	94
82) Chrysene	15.78	228	579221	65.11	ng	98
85) Indeno(1,2,3-cd)pyrene	18.90	276	22718	2.25	ng	# 56
87) Benzo(b)fluoranthene	17.01	252	520182	49.64	ng	# 96
88) Benzo(k)fluoranthene	17.01	252	683180	73.36	ng	98
89) Benzo(a)pyrene	17.38	252	629778	68.86	ng	97
90) Dibenzo(a,h)anthracene	18.71	278	33882	3.70	ng	95
91) Benzo(g,h,i)perylene	19.06	276	296719	32.32	ng	97

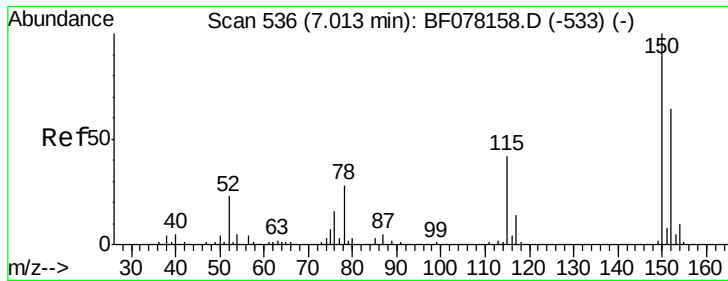
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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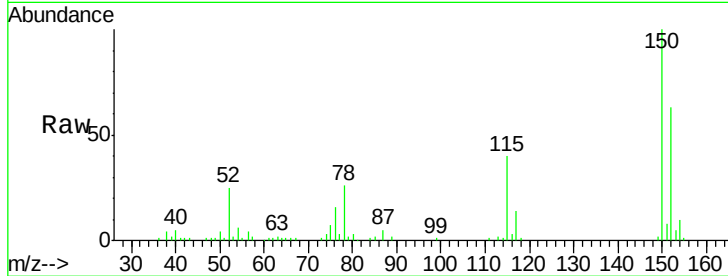


#1

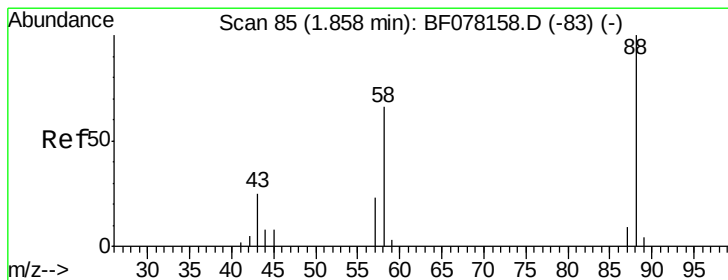
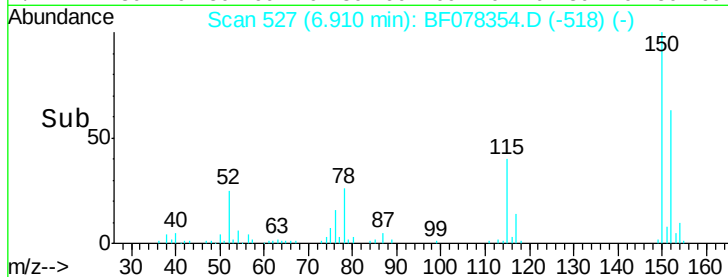
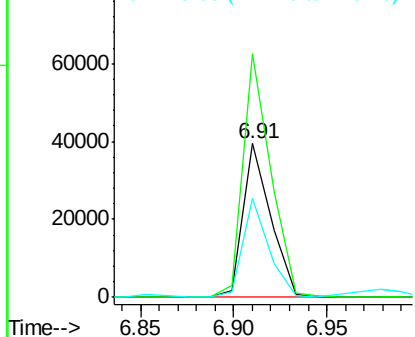
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Instrument :
BNA_F
ClientSampled :
SB-4D

Tgt Ion:152 Resp: 40579
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 64.0 52.7 79.1



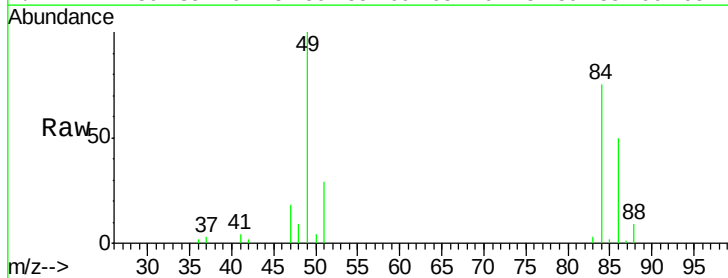
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



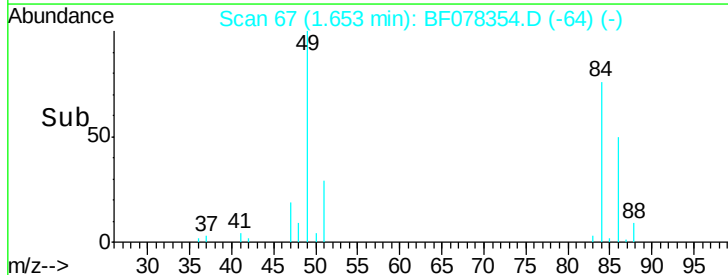
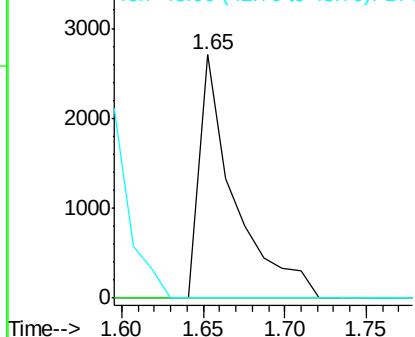
#2

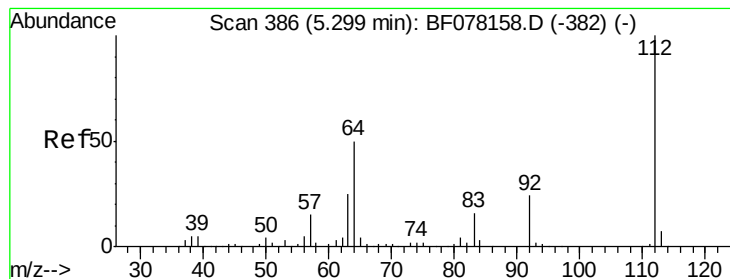
1,4-Dioxane
Concen: 3.65 ng
RT: 1.65 min Scan# 67
Delta R.T. -0.07 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion: 88 Resp: 4066
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: 12.24 ng

RT: 5.18 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

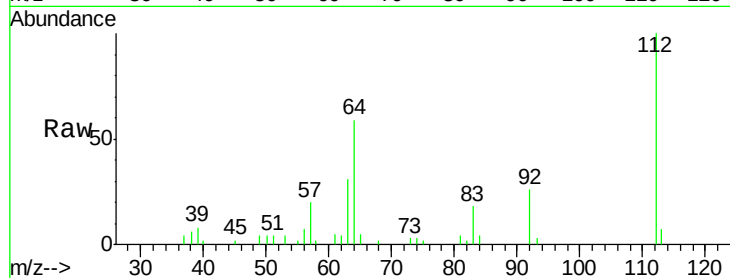
Instrument :

BNA_F

ClientSampleId :

SB-4D

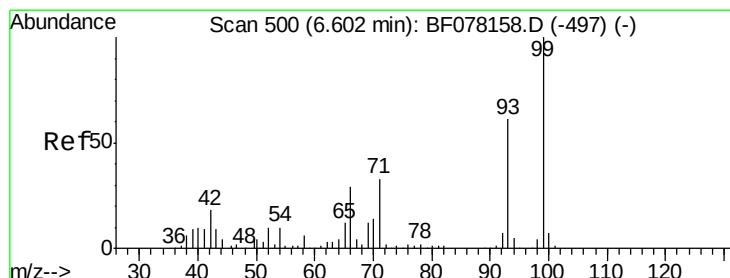
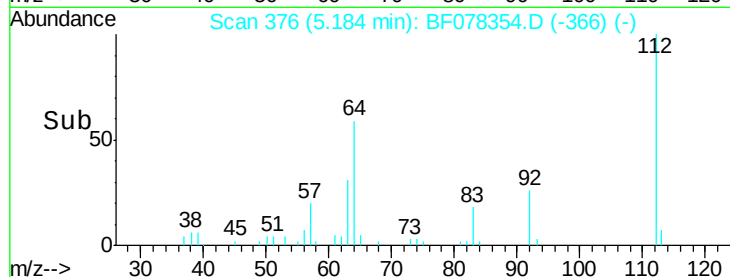
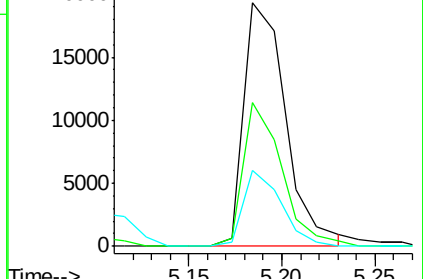
Tgt Ion:	112	Resp:	30117
Ion	Ratio	Lower	Upper
112	100		
64	59.0	39.9	59.9
63	31.3	20.2	30.4



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: 12.27 ng

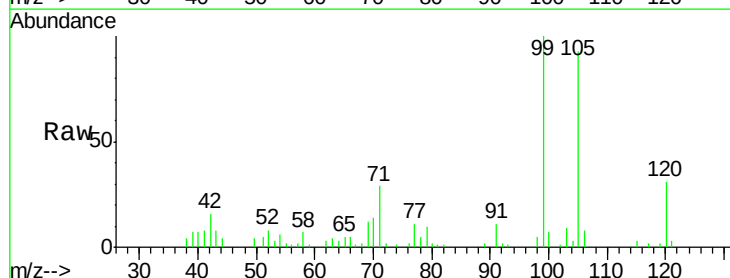
RT: 6.52 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

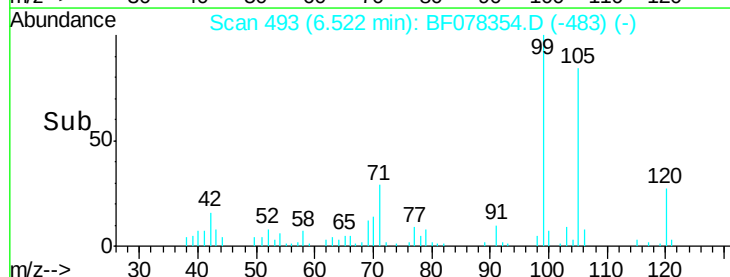
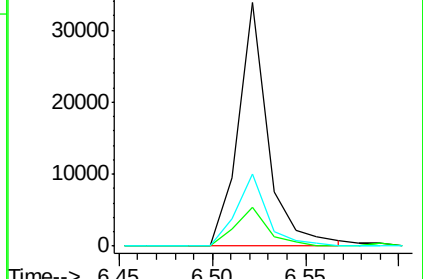
Tgt Ion:	99	Resp:	37838
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.8	22.2
71	29.5	26.6	39.8

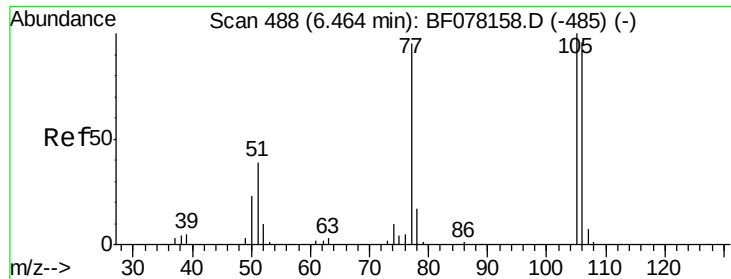


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.98 ng

RT: 6.36 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

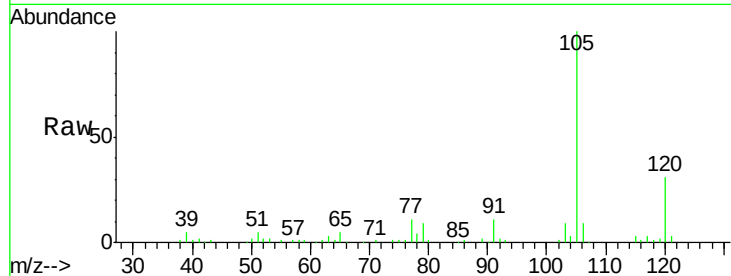
Tgt Ion: 77 Resp: 10176

Ion Ratio Lower Upper

77 100

105 900.8 85.4 125.4#

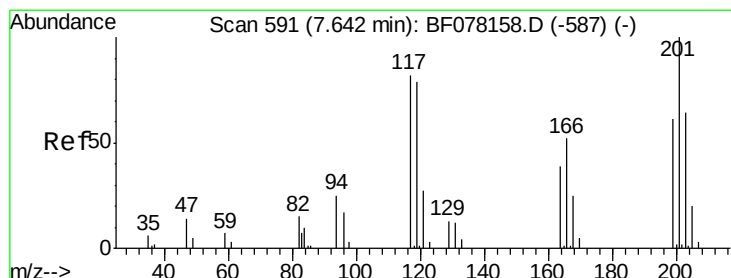
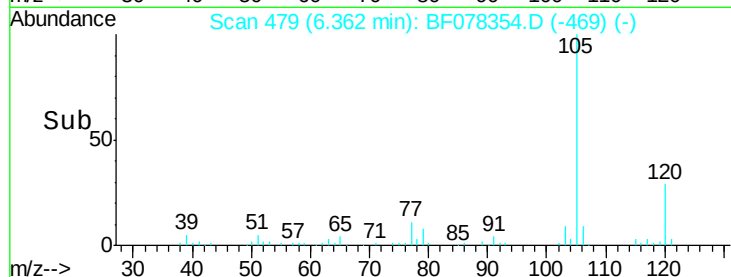
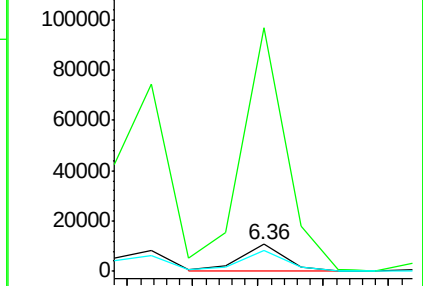
106 78.8 80.8 120.8#



Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-485) (-)

Ion 105.00 (104.70 to 105.70): BF078158.D (-485) (-)

Ion 106.00 (105.70 to 106.70): BF078158.D (-485) (-)



#18

Hexachloroethane

Concen: 4.15 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

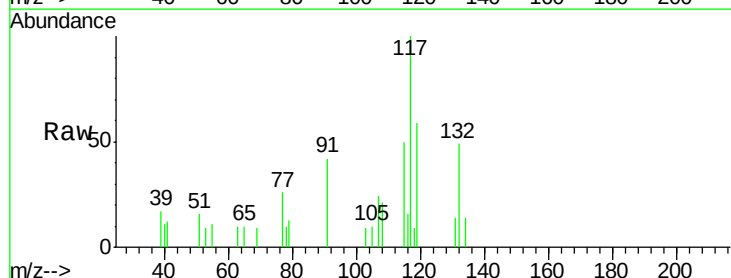
Tgt Ion: 117 Resp: 4504

Ion Ratio Lower Upper

117 100

119 58.7 77.0 115.6#

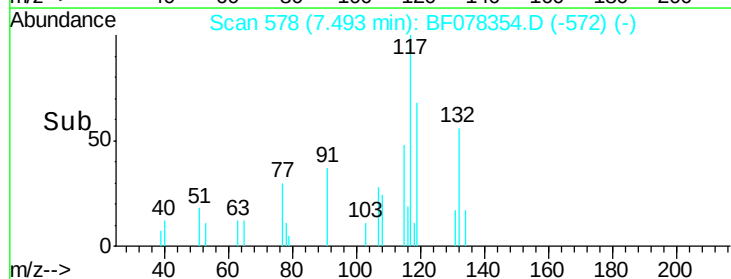
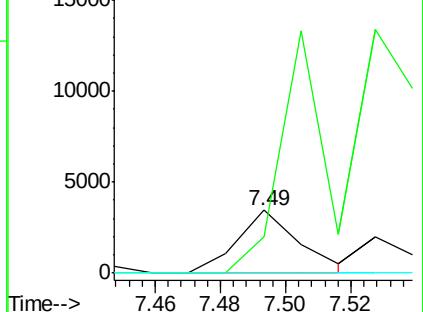
201 0.0 98.1 147.1#

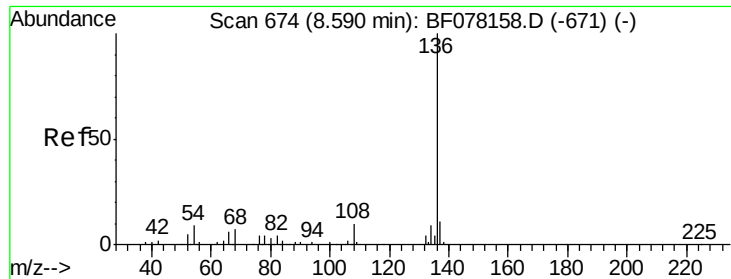


Abundance Ion 117.00 (116.70 to 117.70): BF078158.D (-587) (-)

Ion 119.00 (118.70 to 119.70): BF078158.D (-587) (-)

Ion 201.00 (200.70 to 201.70): BF078158.D (-587) (-)

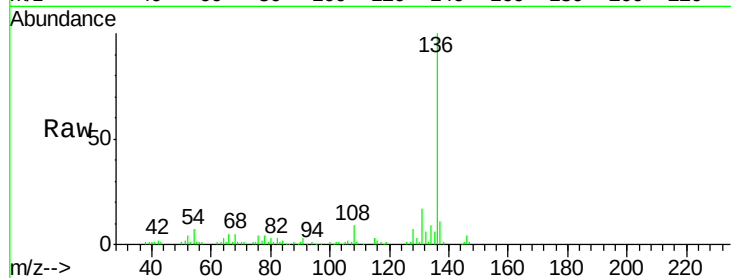




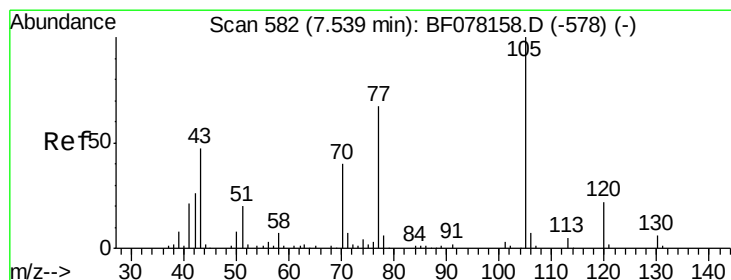
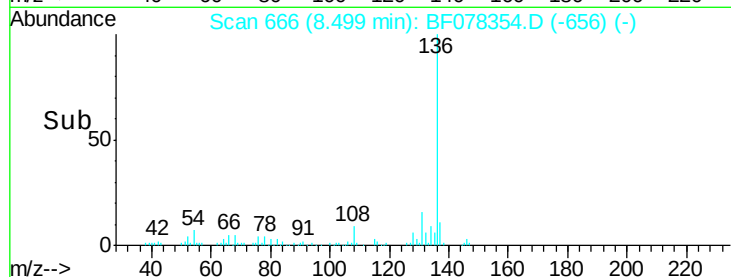
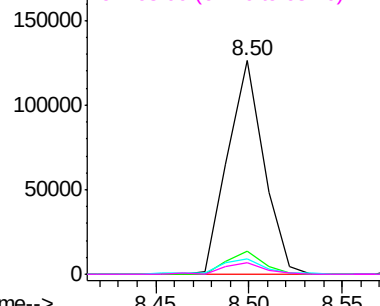
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Instrument :
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ClientSampleId :
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Tgt Ion:	136	Resp:	168571
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.1	7.0	10.6
68	5.4	5.4	8.2#

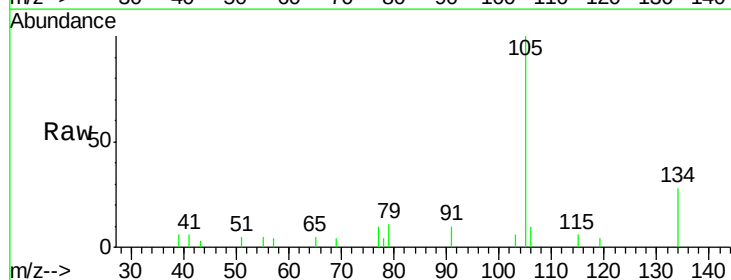


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

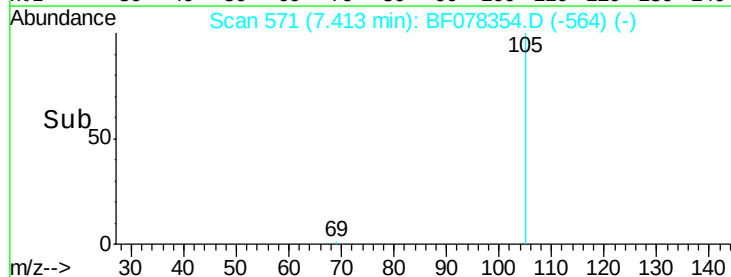
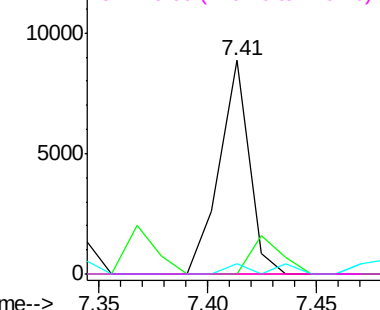


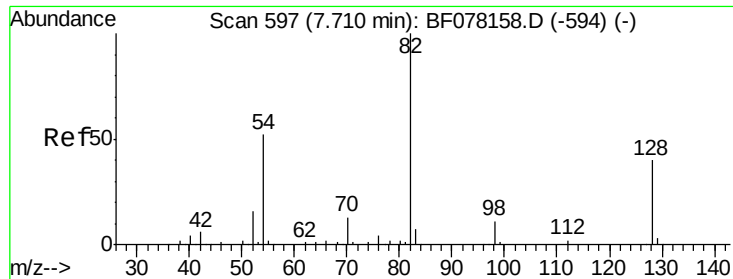
#22
Acetophenone
Concen: 2.14 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion:	105	Resp:	8411
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	4.9	16.0	24.0#
120	0.0	17.8	26.6#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

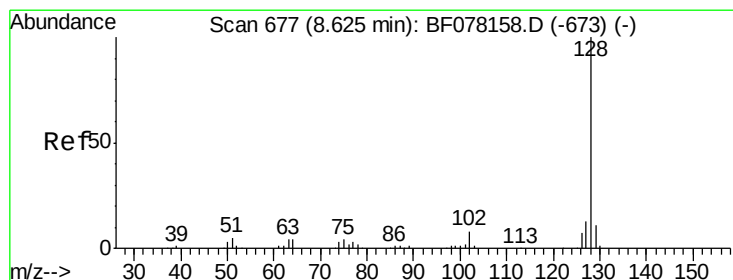
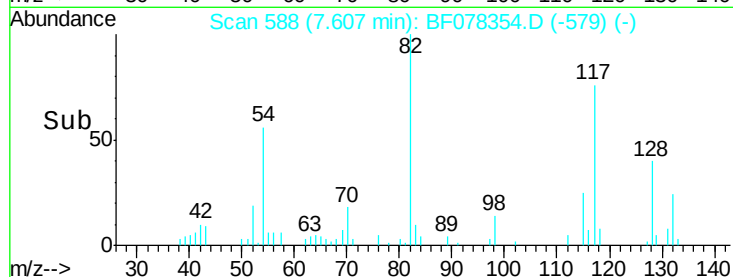
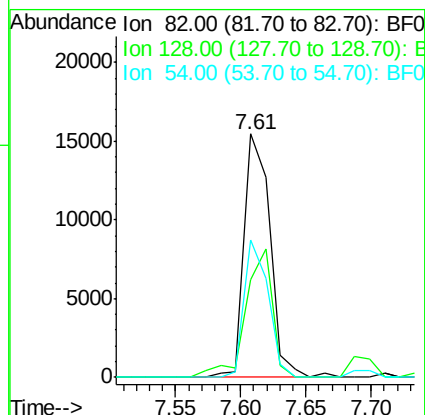
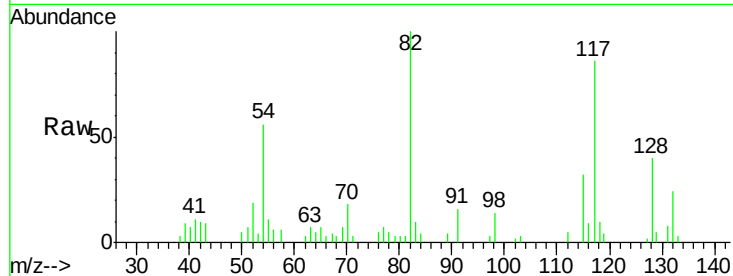




#23
Nitrobenzene-d5
Concen: 7.64 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

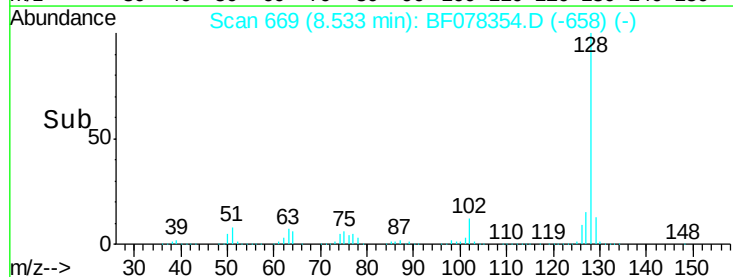
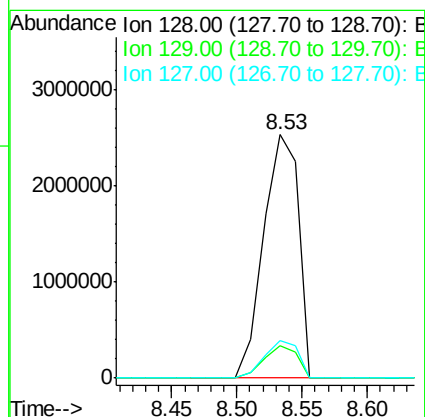
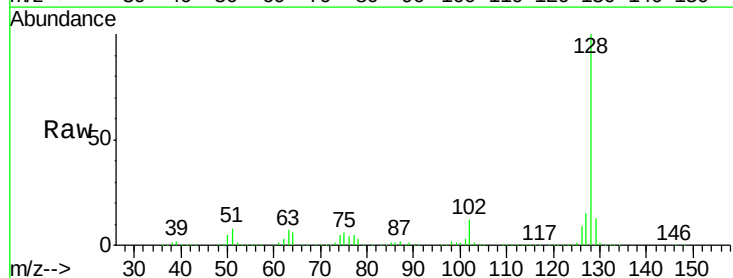
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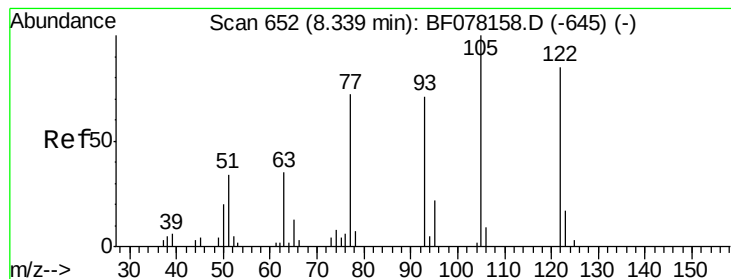
Tgt Ion: 82 Resp: 21243
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.8
54 56.5 41.5 62.3



#31
Naphthalene
Concen: 540.43 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.02 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion: 128 Resp: 4741661
Ion Ratio Lower Upper
128 100
129 13.2 8.6 12.8#
127 15.5 10.7 16.1





#32

Benzoic acid

Concen: 6.65 ng

RT: 8.29 min Scan# 648

Delta R.T. 0.05 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

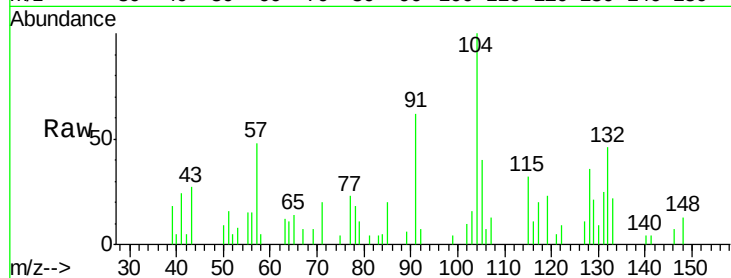
Tgt Ion:122 Resp: 1180

Ion Ratio Lower Upper

122 100

105 455.5 96.1 136.1#

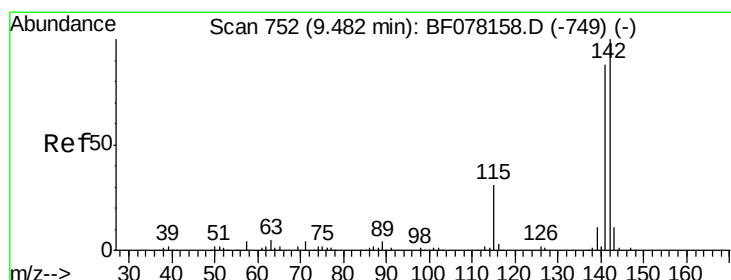
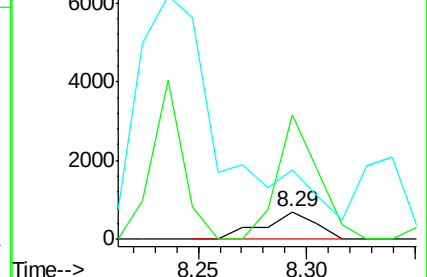
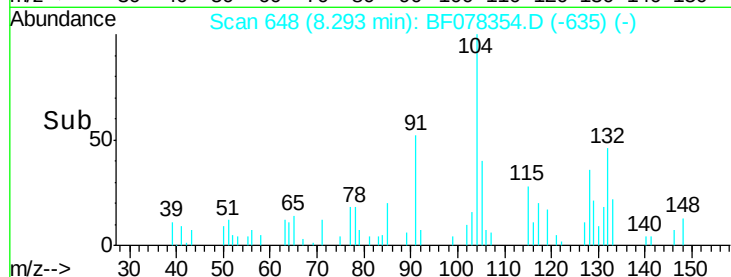
77 256.1 64.1 104.1#



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



#37

2-Methylnaphthalene

Concen: 190.19 ng

RT: 9.38 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

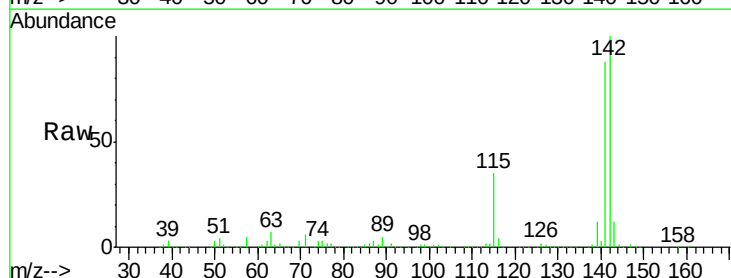
Tgt Ion:142 Resp: 1132941

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

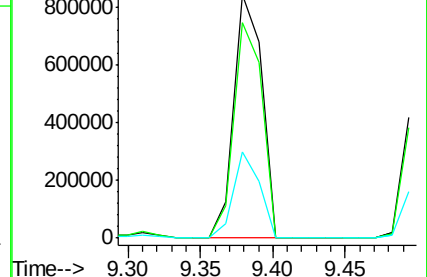
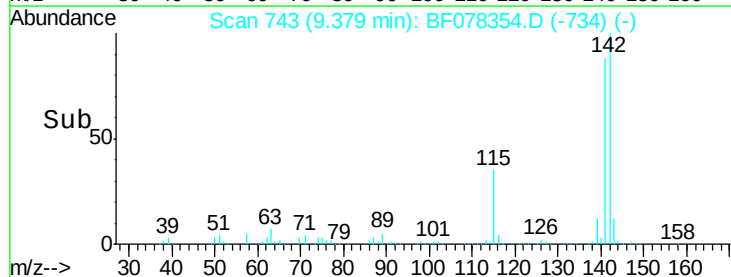
115 35.4 24.6 37.0

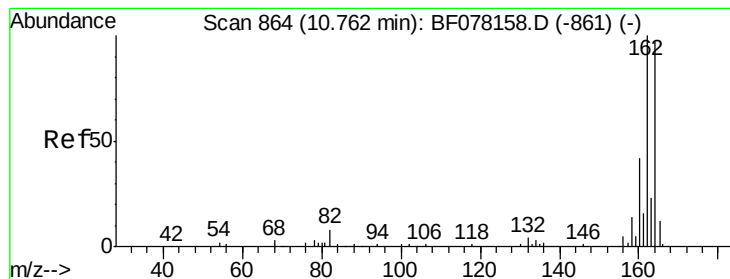


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.66 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF078354.D

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Instrument :

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SB-4D

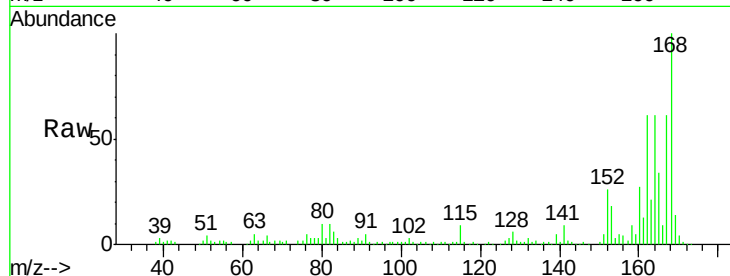
Tgt Ion:164 Resp: 84905

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

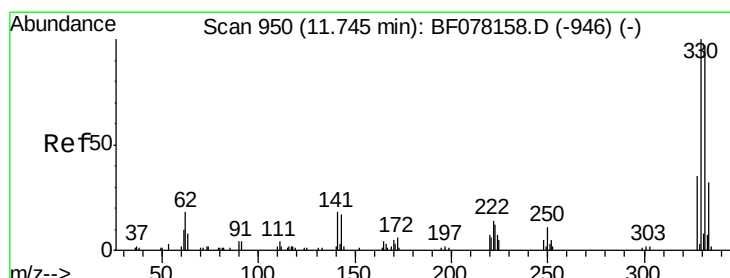
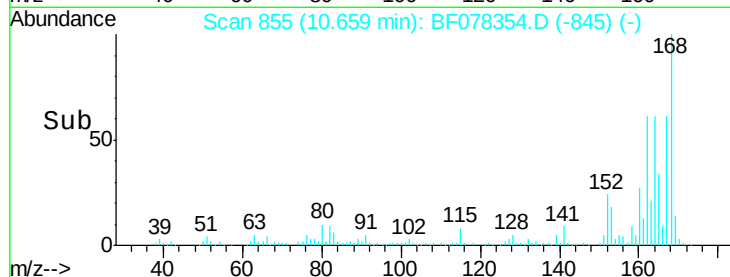
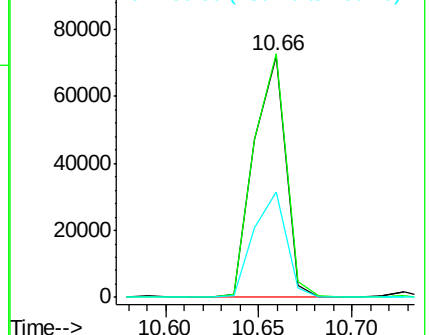
160 43.7 34.7 52.1



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: 11.05 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

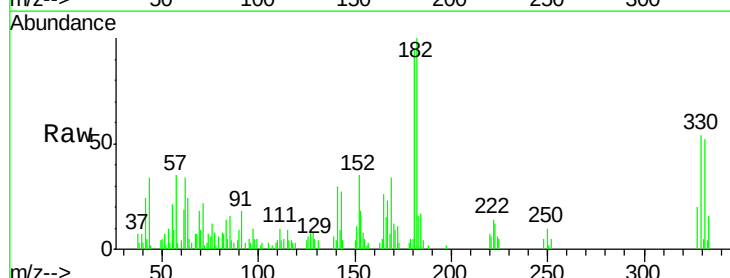
Tgt Ion:330 Resp: 7778

Ion Ratio Lower Upper

330 100

332 95.5 78.6 117.8

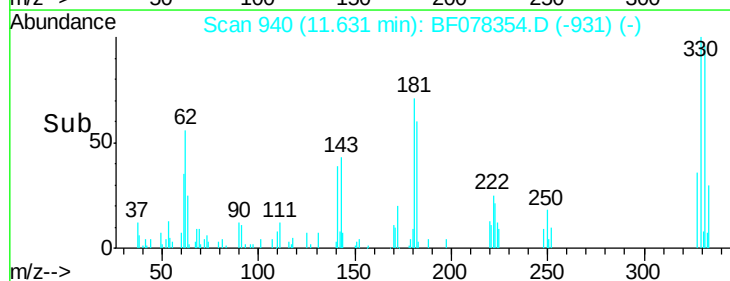
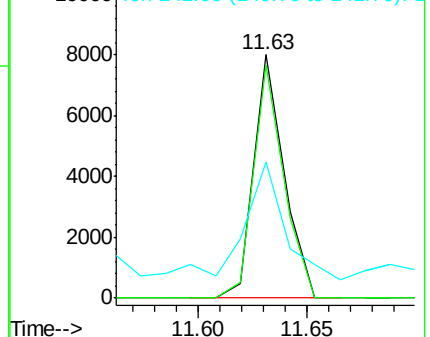
141 64.7 31.2 46.8#

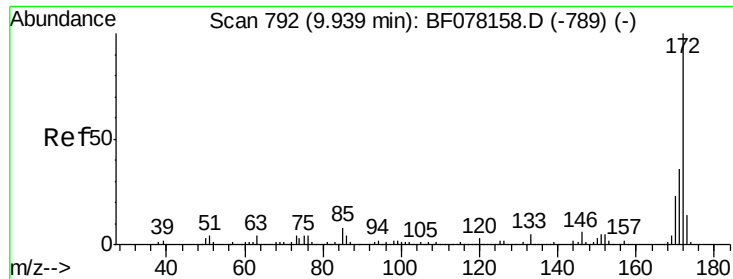


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

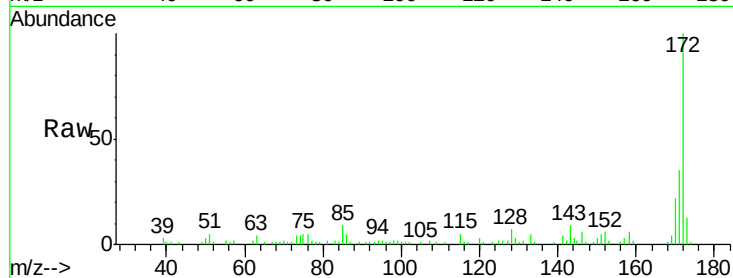




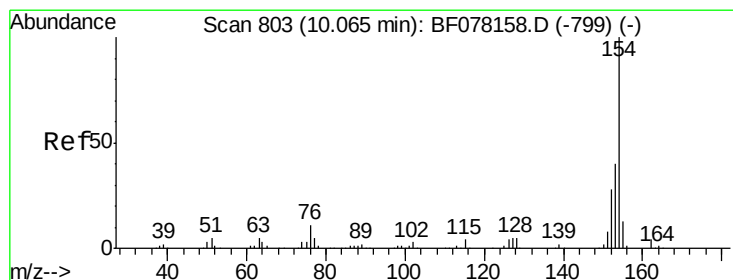
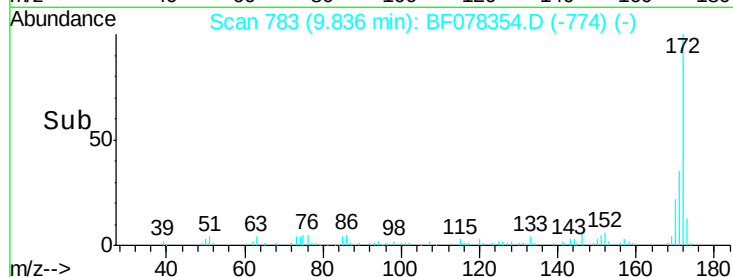
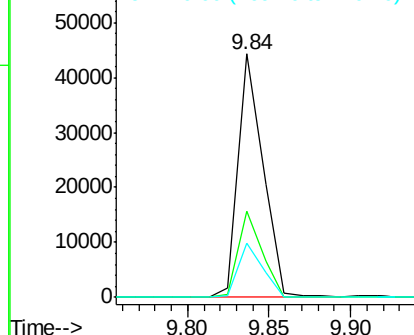
#44
 2-Fluorobiphenyl
 Concen: 7.85 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078354.D
 Acq: 9 Apr 2015 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D

Tgt Ion:172 Resp: 46630
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 22.3 18.5 27.7

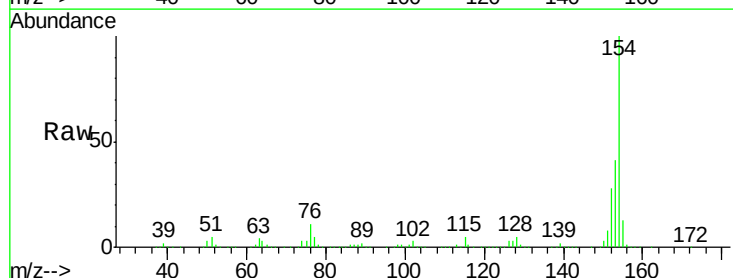


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

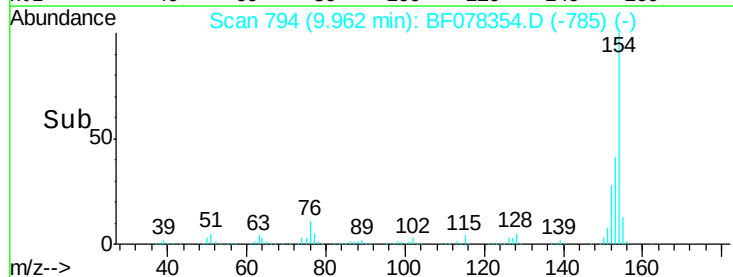
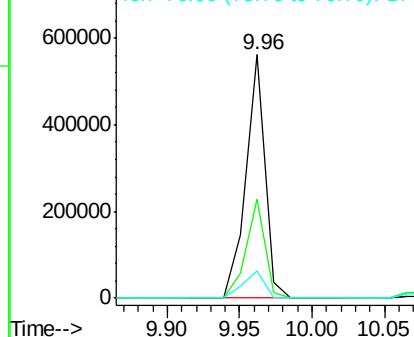


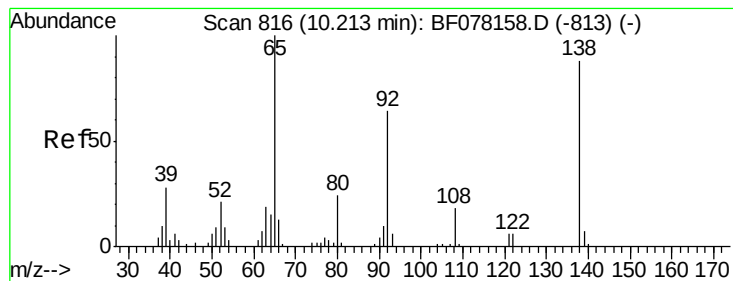
#45
 1,1'-Biphenyl
 Concen: 73.69 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF078354.D
 Acq: 9 Apr 2015 00:51

Tgt Ion:154 Resp: 511772
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.0 60.0
 76 11.4 0.0 30.6



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





#47

2-Nitroaniline

Concen: 2.26 ng

RT: 10.16 min Scan# 811

Delta R.T. 0.05 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

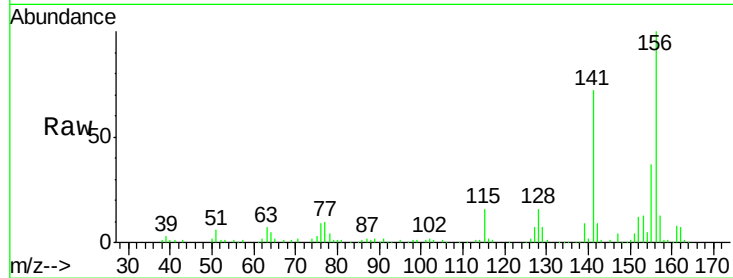
Tgt Ion: 65 Resp: 3054

Ion Ratio Lower Upper

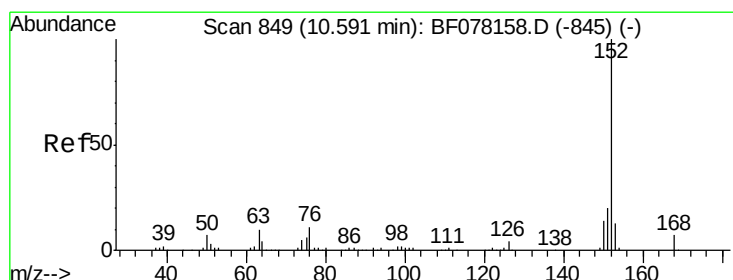
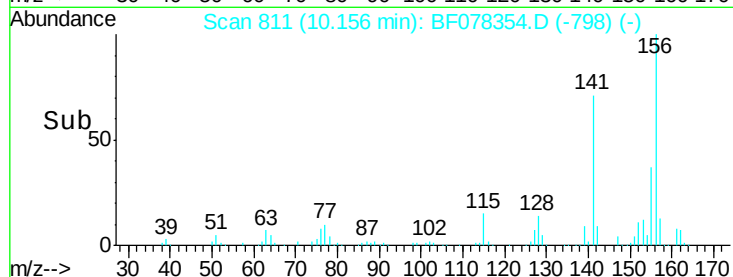
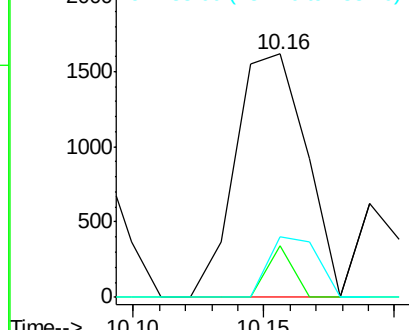
65 100

92 21.1 51.3 76.9#

138 25.1 70.4 105.6#



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



#48

Acenaphthylene

Concen: 134.75 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

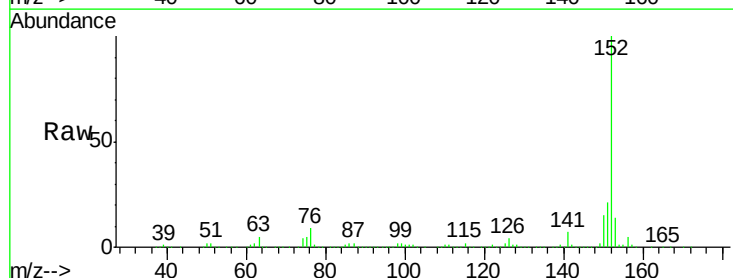
Tgt Ion: 152 Resp: 1188966

Ion Ratio Lower Upper

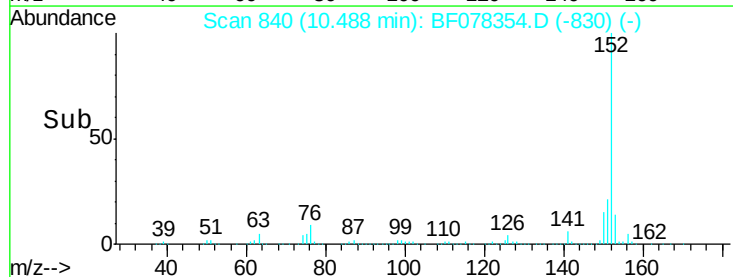
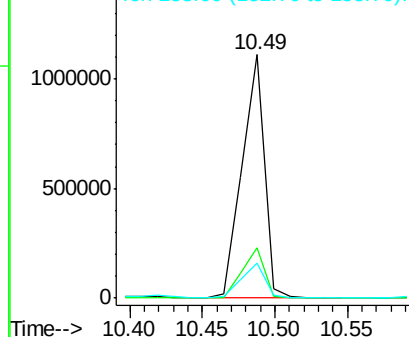
152 100

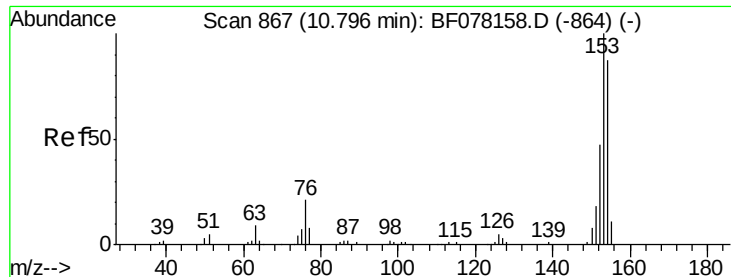
151 20.8 15.7 23.5

153 14.4 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





#51

Acenaphthene

Concen: 100.53 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

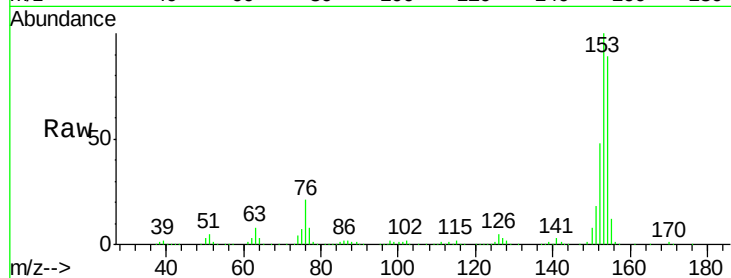
Tgt Ion:154 Resp: 499423

Ion Ratio Lower Upper

154 100

153 111.8 91.4 137.2

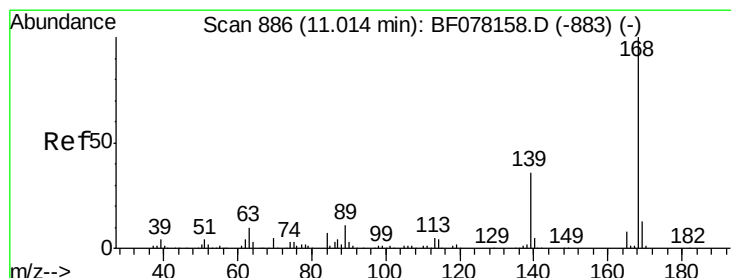
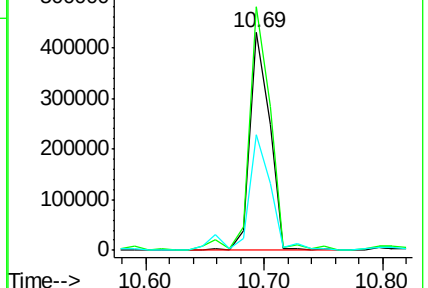
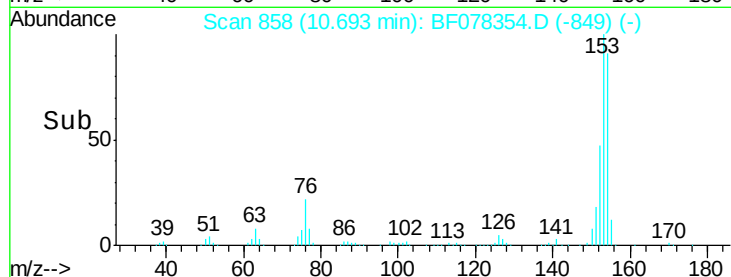
152 53.1 43.0 64.6



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: 8.72 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

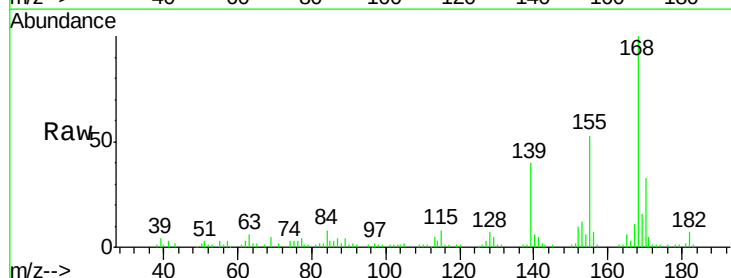
Tgt Ion:168 Resp: 66169

Ion Ratio Lower Upper

168 100

139 40.0 31.0 46.4

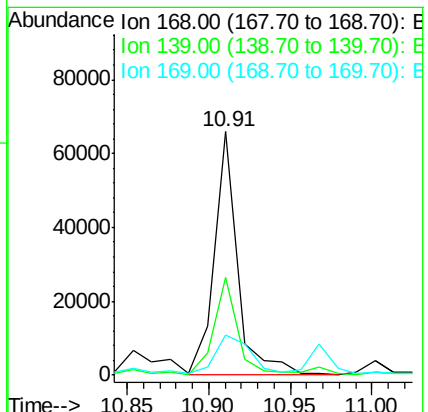
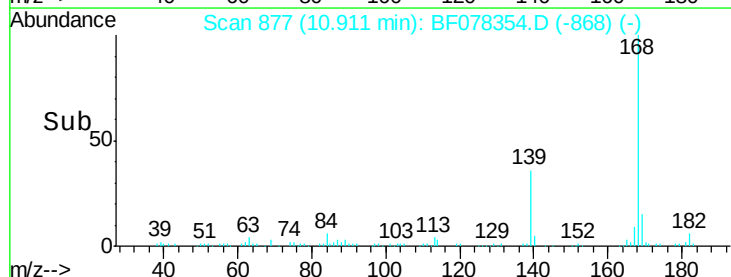
169 16.3 10.7 16.1#

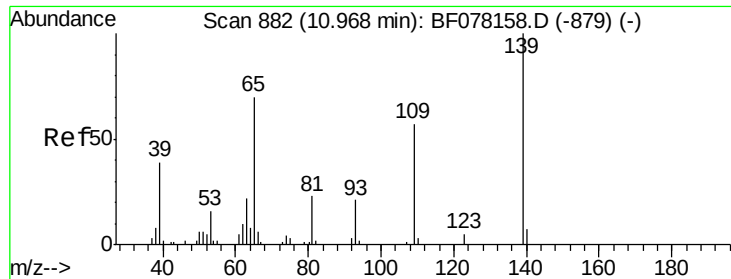


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

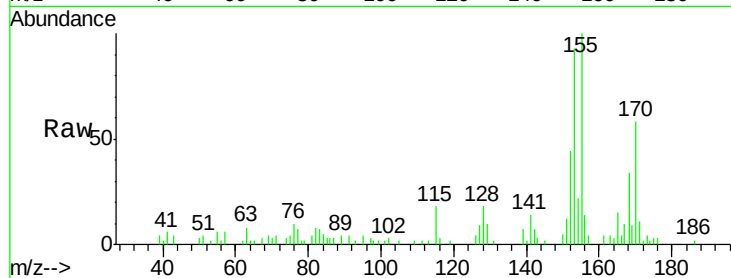




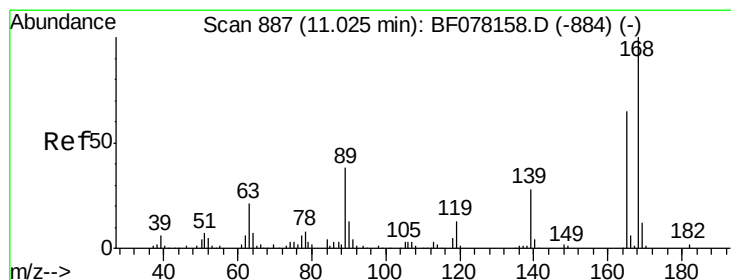
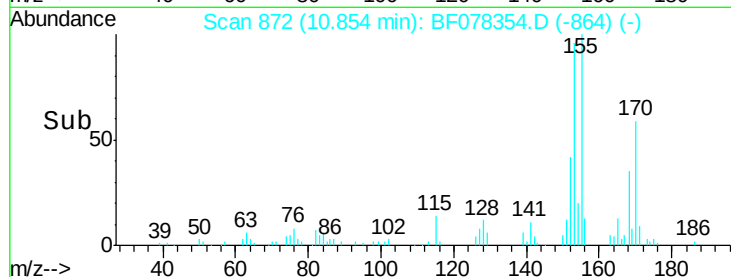
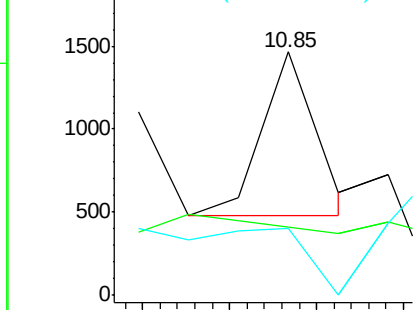
#55
4-Nitrophenol
Concen: 3.51 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-4D

Tgt Ion:139 Resp: 844
Ion Ratio Lower Upper
139 100
109 27.9 36.7 76.7#
65 27.6 49.9 89.9#

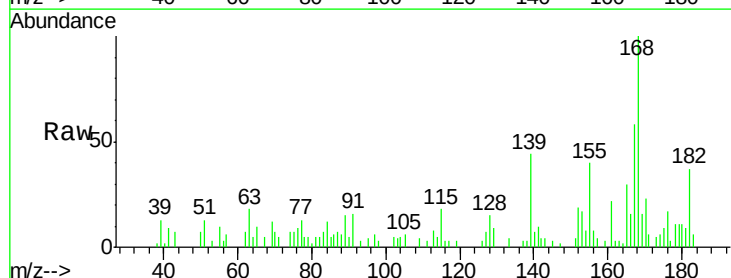


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

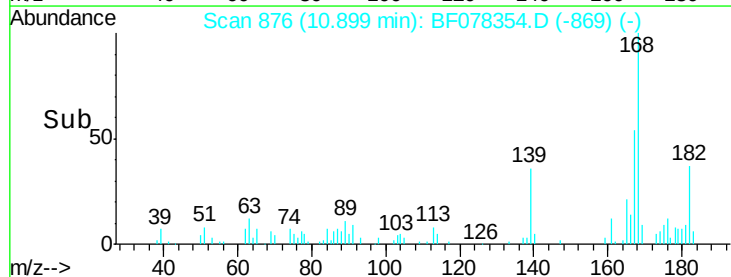
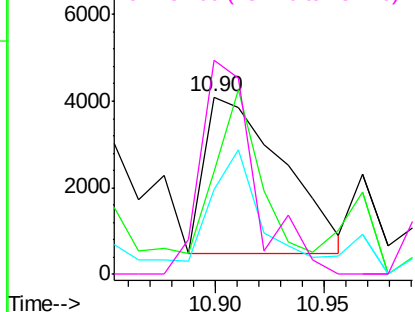


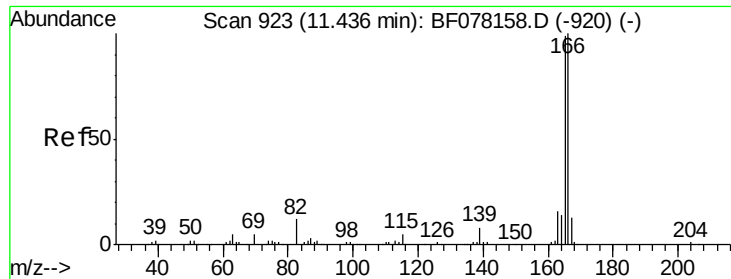
#56
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion:165 Resp: 9071
Ion Ratio Lower Upper
165 100
63 58.1 26.5 39.7#
89 47.9 46.4 69.6
182 120.9 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

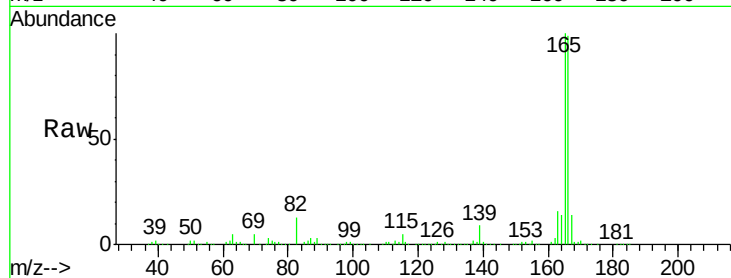




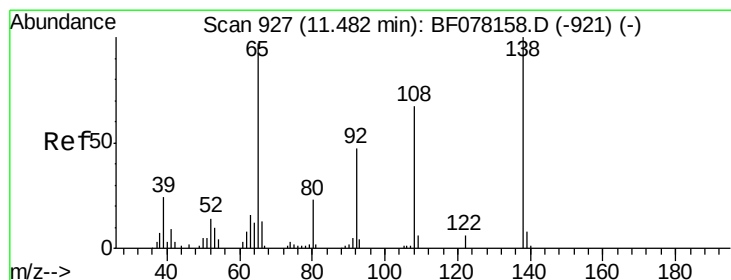
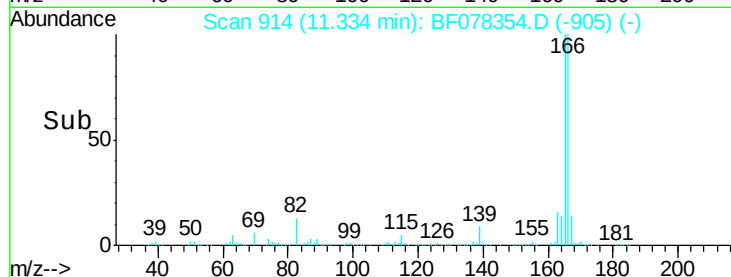
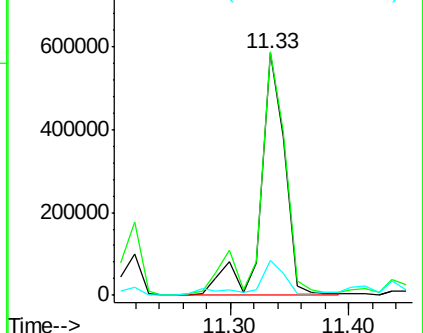
#57
 Fluorene
 Concen: 133.97 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078354.D
 Acq: 9 Apr 2015 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D

Tgt Ion:166 Resp: 824003
 Ion Ratio Lower Upper
 166 100
 165 100.7 78.9 118.3
 167 14.3 10.7 16.1

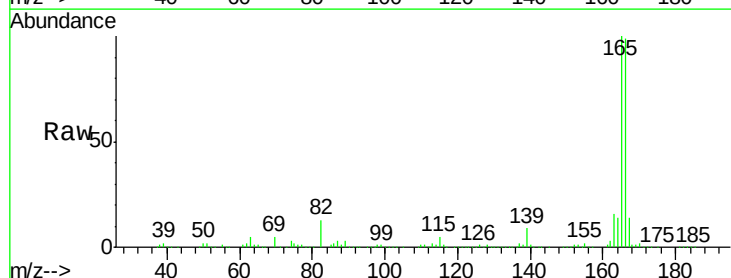


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

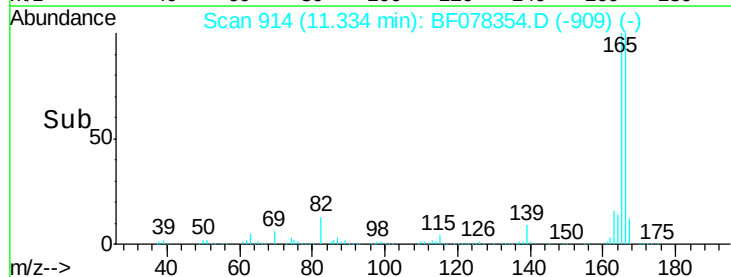
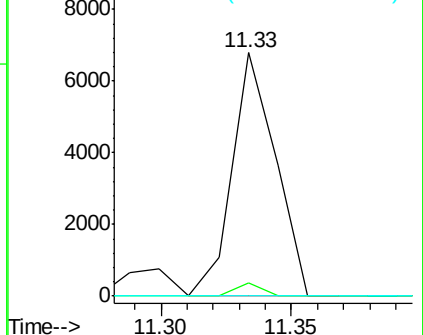


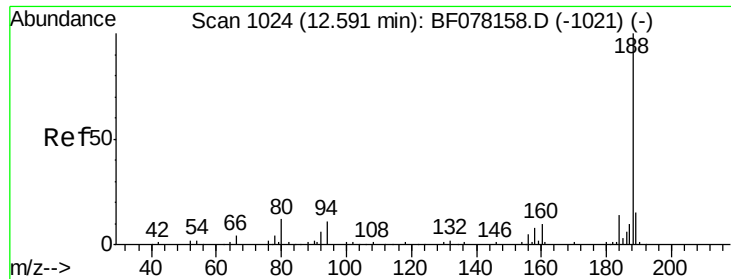
#61
 4-Nitroaniline
 Concen: 5.24 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.05 min
 Lab File: BF078354.D
 Acq: 9 Apr 2015 00:51

Tgt Ion:138 Resp: 7901
 Ion Ratio Lower Upper
 138 100
 92 5.2 27.3 67.3#
 108 0.0 47.2 87.2#



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

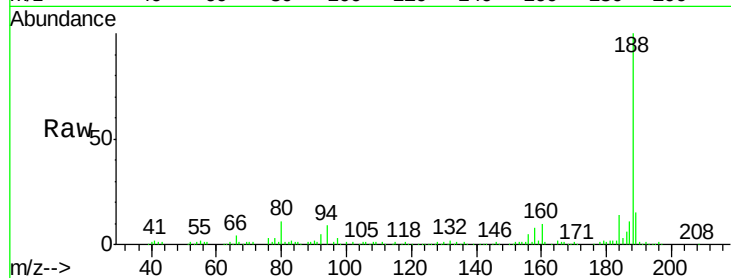




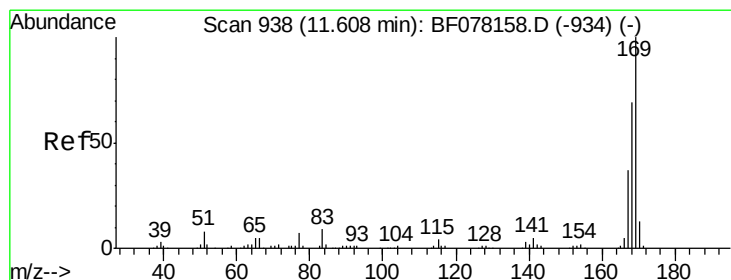
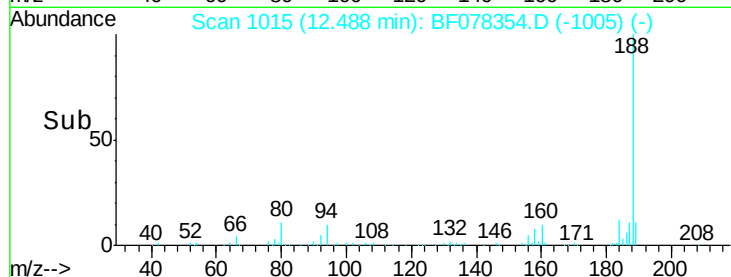
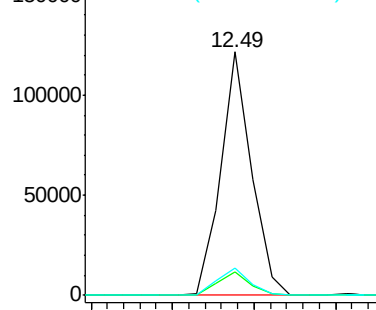
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.49 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-4D

Tgt Ion:188 Resp: 159207
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 11.2 9.5 14.3

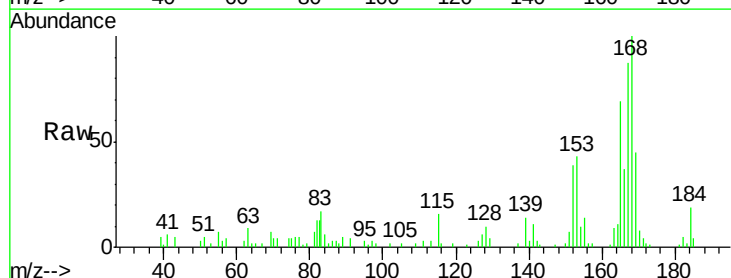


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

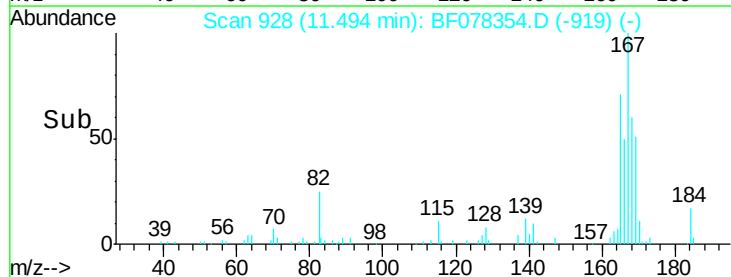
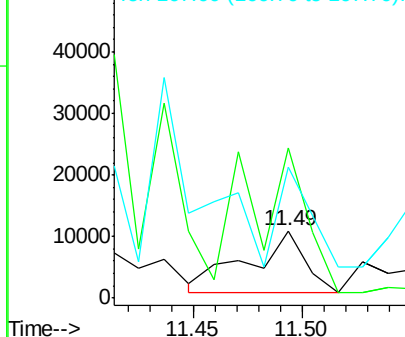


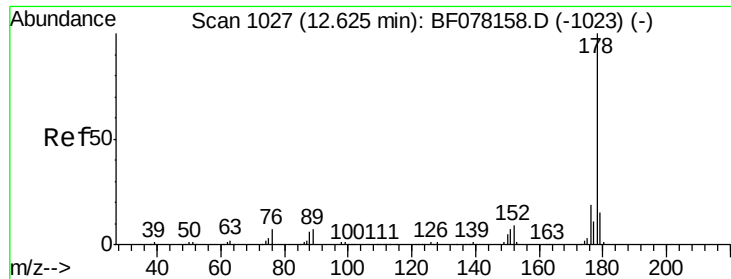
#65
n-Nitrosodiphenylamine
Concen: 3.29 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion:169 Resp: 18121
Ion Ratio Lower Upper
169 100
168 223.4 55.0 82.4#
167 195.0 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

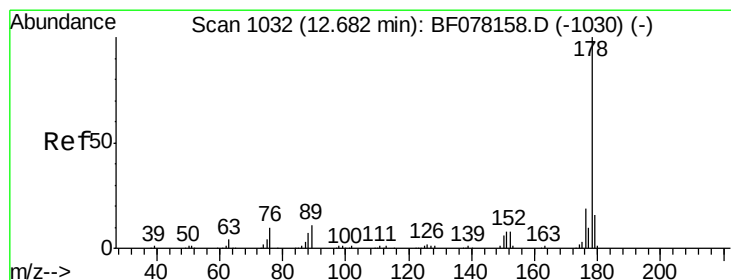
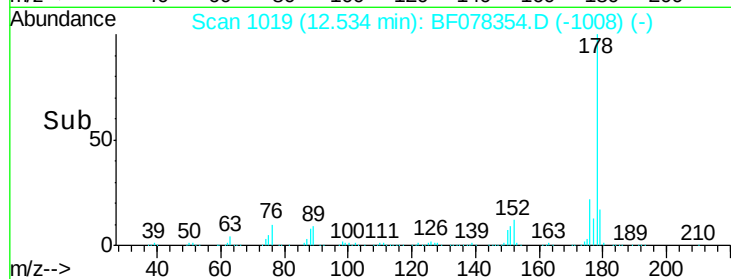
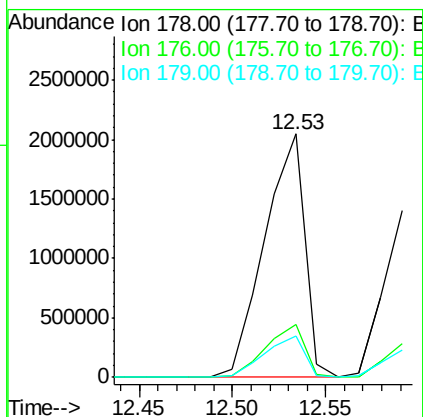
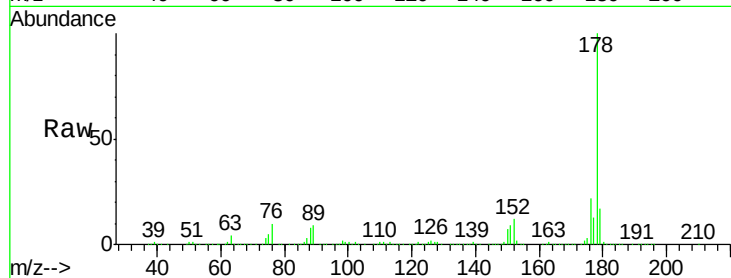




#70
Phenanthrene
Concen: 332.56 ng
RT: 12.53 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

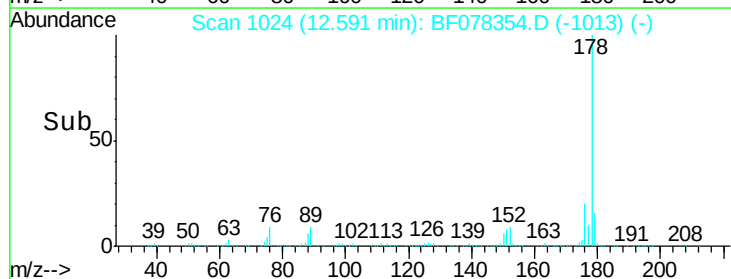
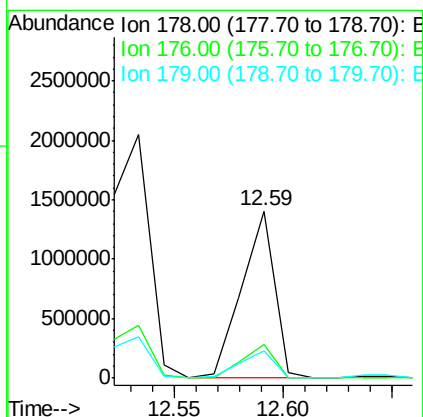
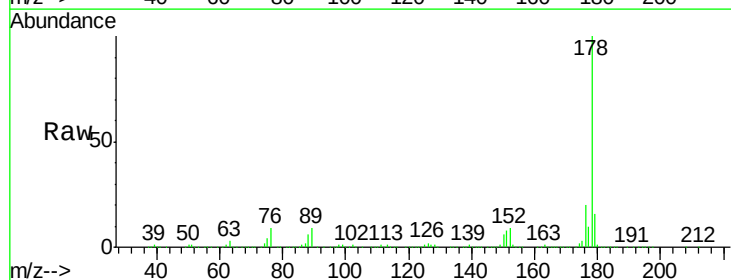
Instrument :
BNA_F
ClientSampled :
SB-4D

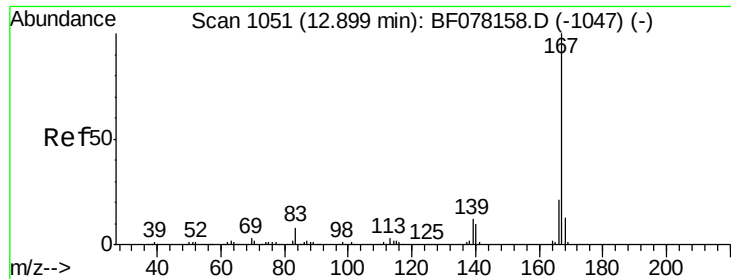
Tgt Ion:178 Resp: 3062656
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.0
179 17.1 12.2 18.2



#71
Anthracene
Concen: 160.79 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion:178 Resp: 1459123
Ion Ratio Lower Upper
178 100
176 20.0 14.8 22.2
179 16.3 12.4 18.6





#72

Carbazole

Concen: 2.01 ng

RT: 12.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

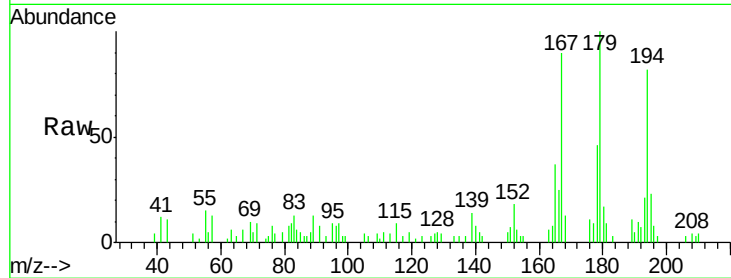
Tgt Ion:167 Resp: 17084

Ion Ratio Lower Upper

167 100

166 27.8 16.8 25.2#

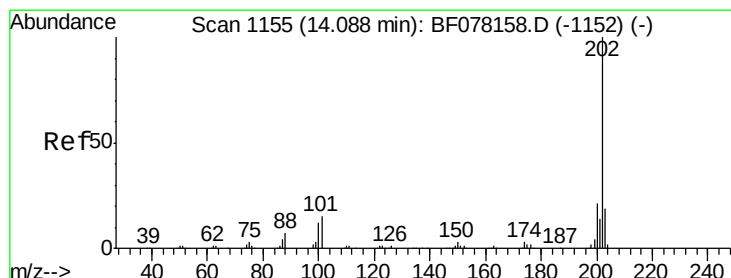
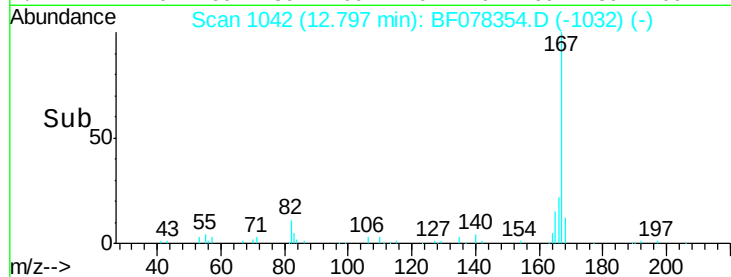
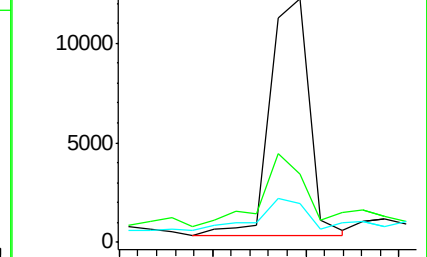
139 16.0 10.0 15.0#



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: 177.93 ng

RT: 13.99 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

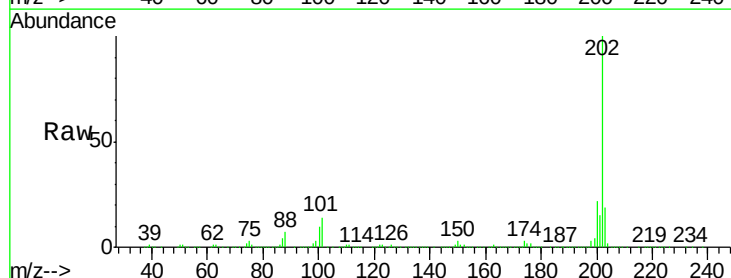
Tgt Ion:202 Resp: 1728036

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.2

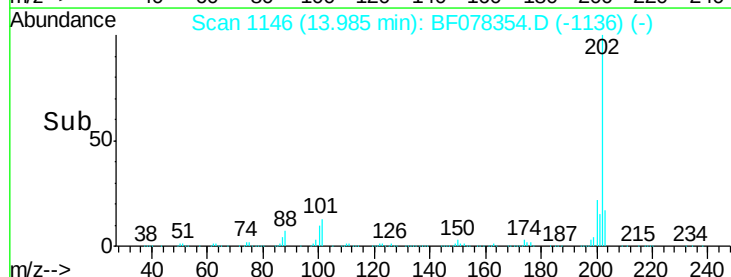
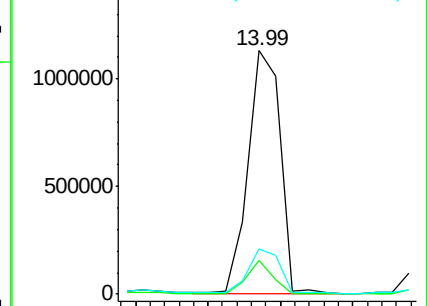
203 18.8 0.0 38.5

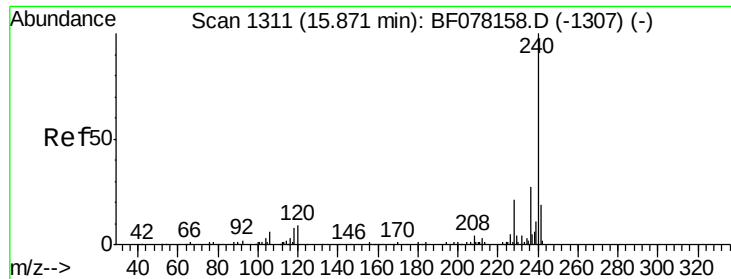


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

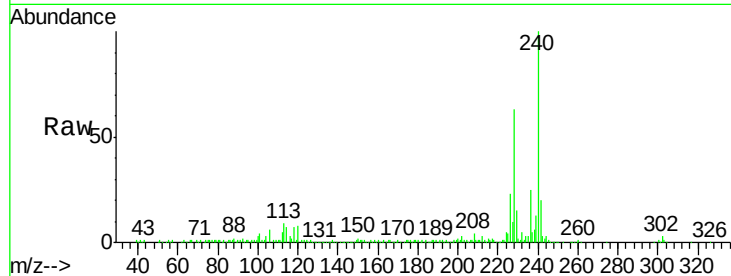
Tgt Ion:240 Resp: 159130

Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

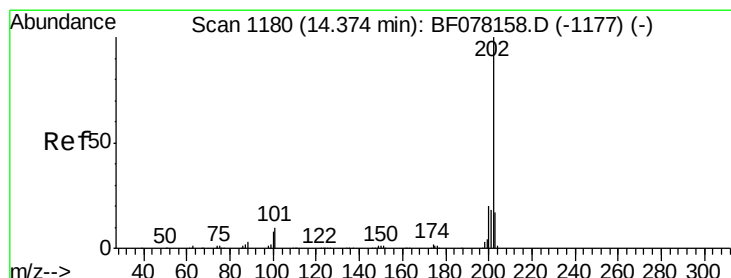
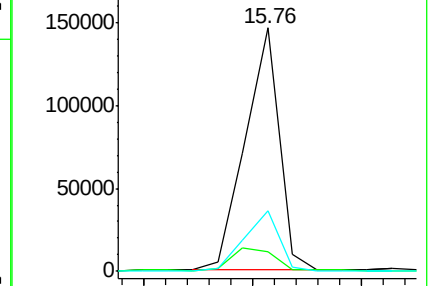
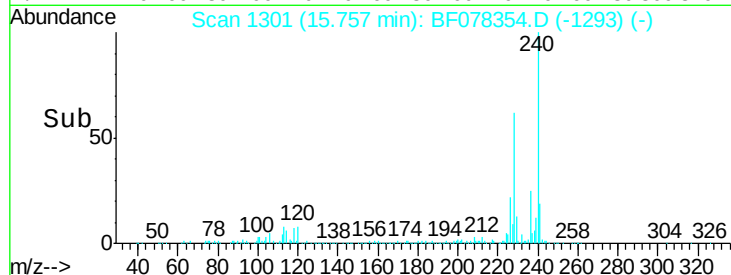
236 24.9 21.4 32.2



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: 210.69 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

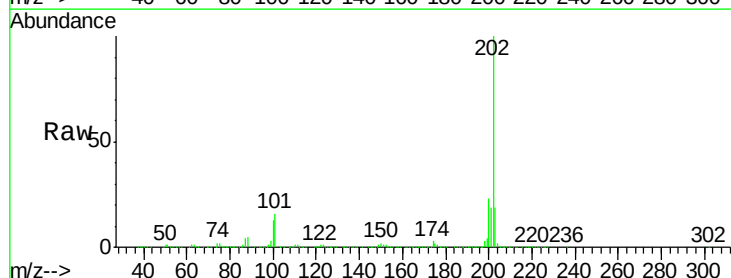
Tgt Ion:202 Resp: 2104655

Ion Ratio Lower Upper

202 100

200 22.7 16.3 24.5

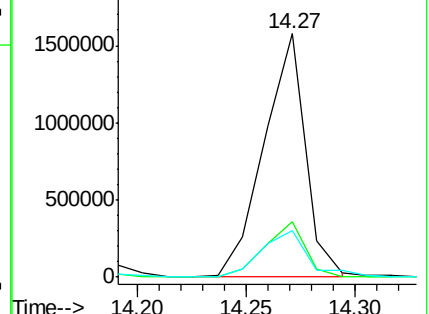
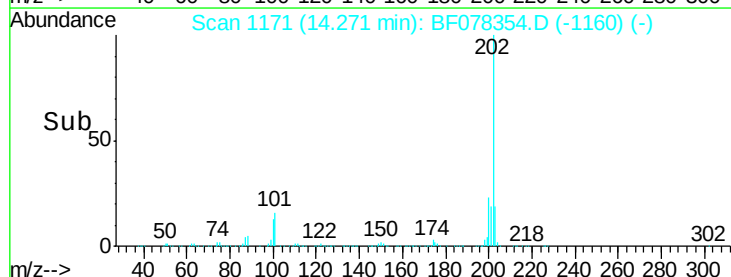
203 19.2 13.8 20.6

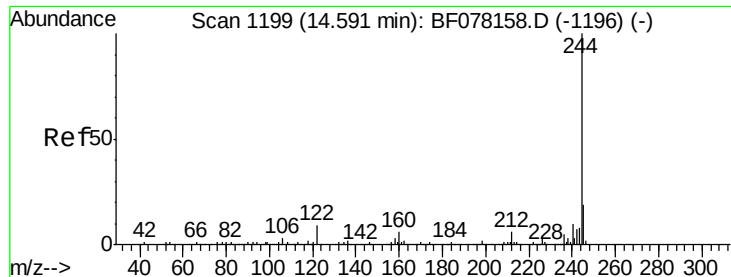


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.74 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

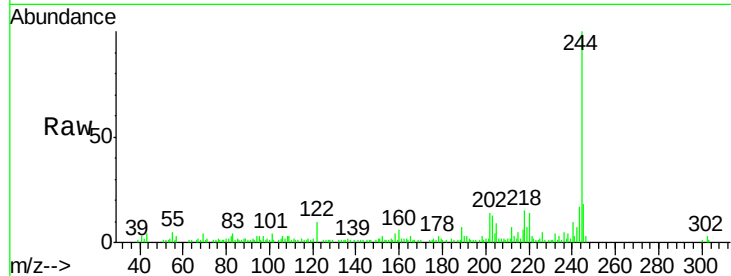
Tgt Ion:244 Resp: 54521

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

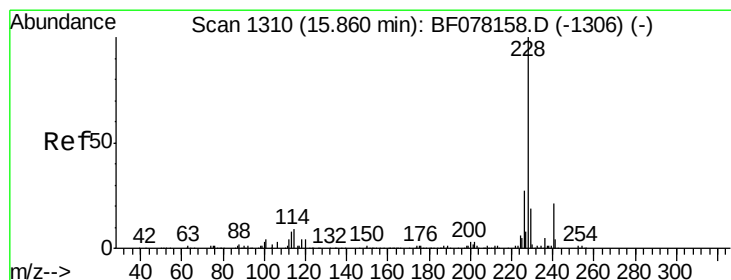
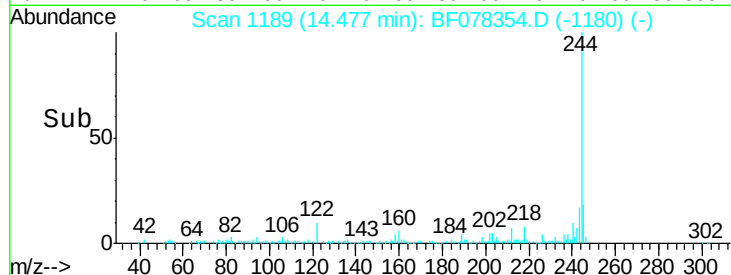
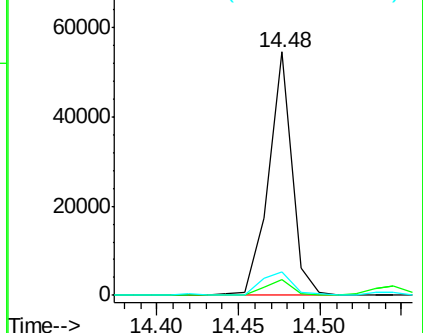
122 9.6 7.1 10.7



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: 58.82 ng

RT: 15.78 min Scan# 1303

Delta R.T. 0.02 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

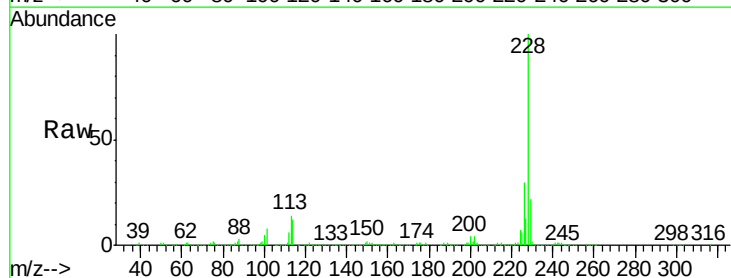
Tgt Ion:228 Resp: 556943

Ion Ratio Lower Upper

228 100

226 30.1 21.3 31.9

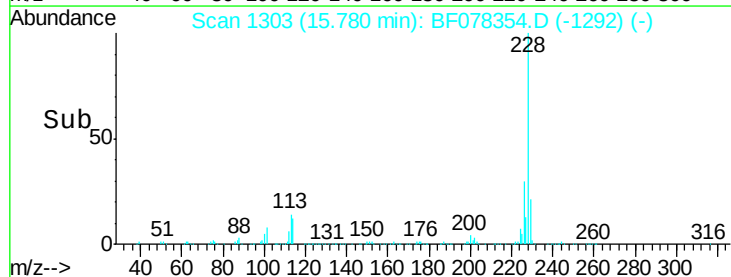
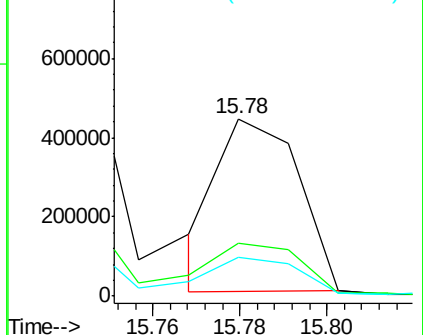
229 21.5 15.4 23.2

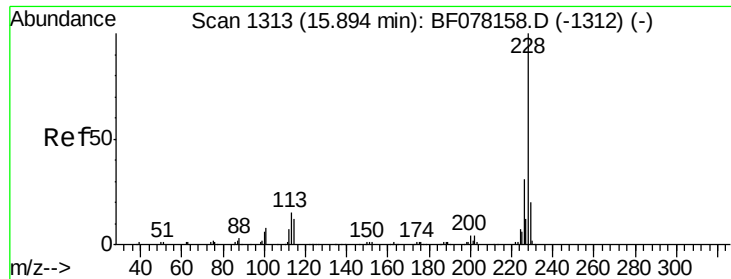


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 65.11 ng

RT: 15.78 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

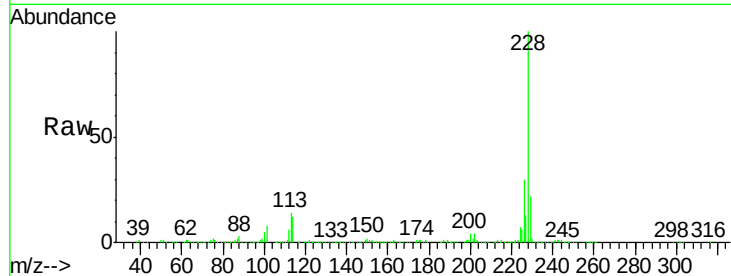
Tgt Ion:228 Resp: 579221

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

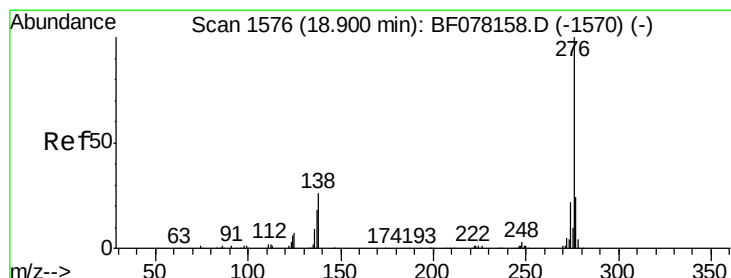
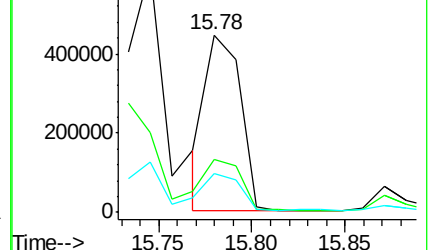
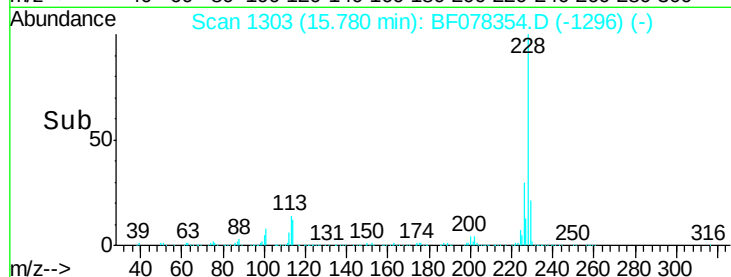
229 21.5 15.8 23.8



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: 2.25 ng

RT: 18.90 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

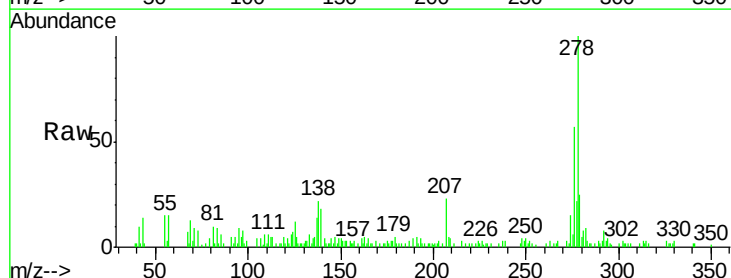
Tgt Ion:276 Resp: 22718

Ion Ratio Lower Upper

276 100

138 47.2 16.9 25.3#

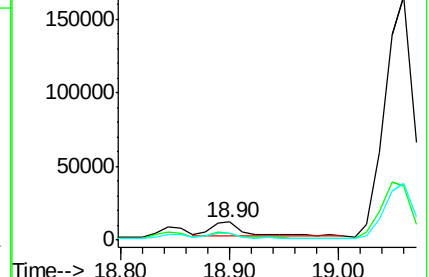
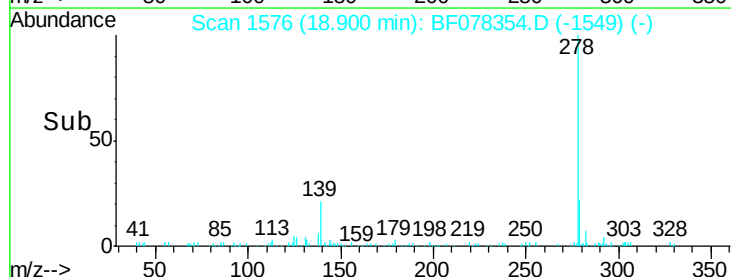
277 34.4 15.8 23.6#

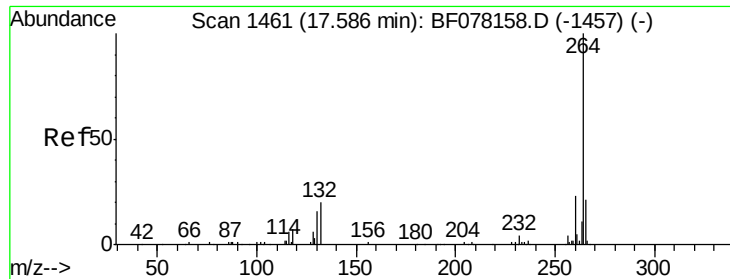


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



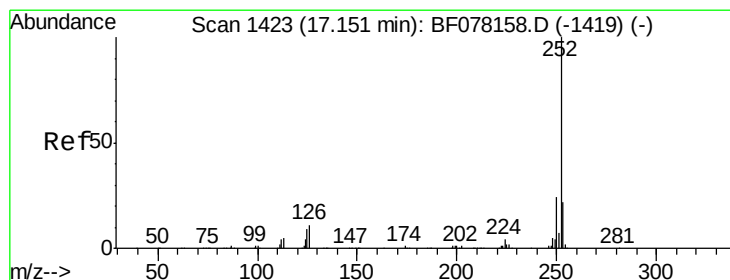
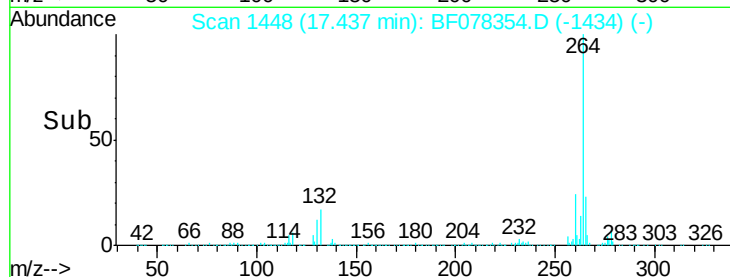
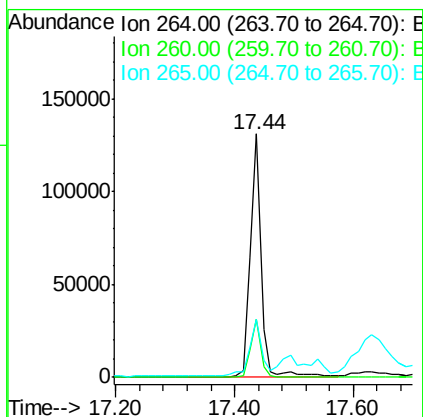
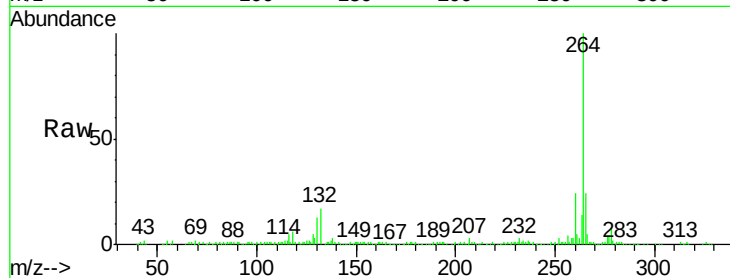


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.14 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-4D

Tgt Ion: 264 Resp: 169553

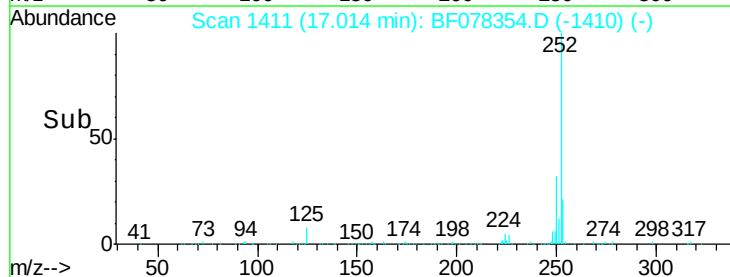
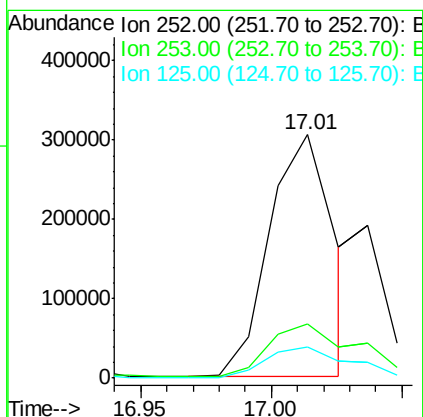
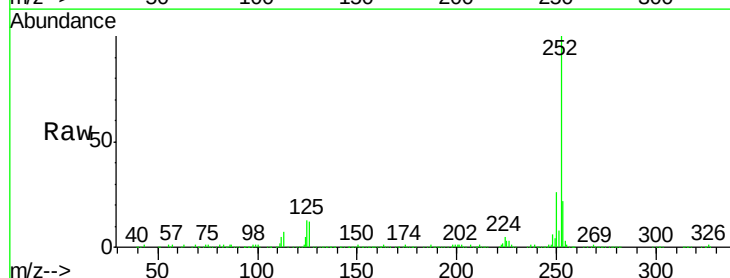
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	23.6	17.0	25.6

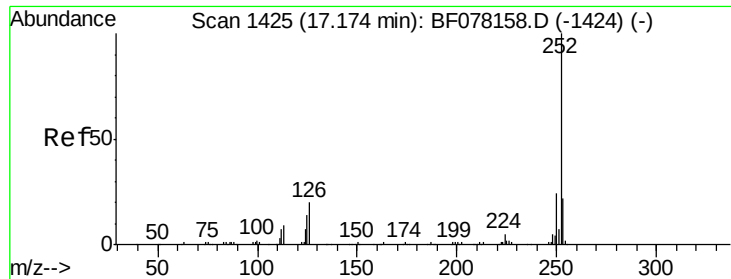


#87
Benzo(b)fluoranthene
Concen: 49.64 ng
RT: 17.01 min Scan# 1411
Delta R.T. -0.09 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion: 252 Resp: 520182

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.6	7.0	10.4

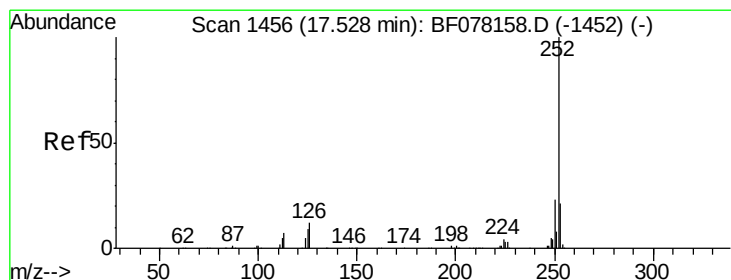
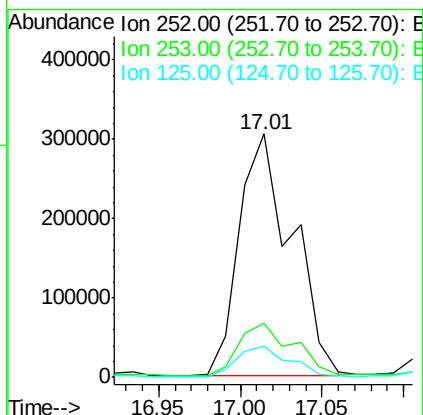
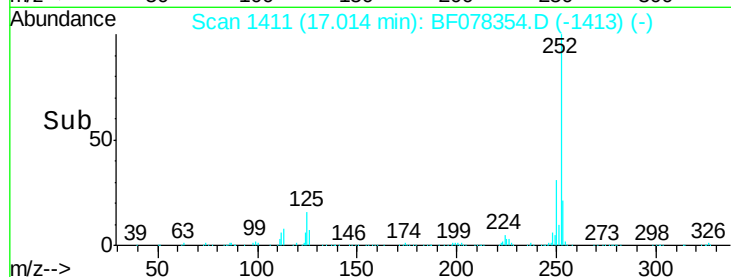
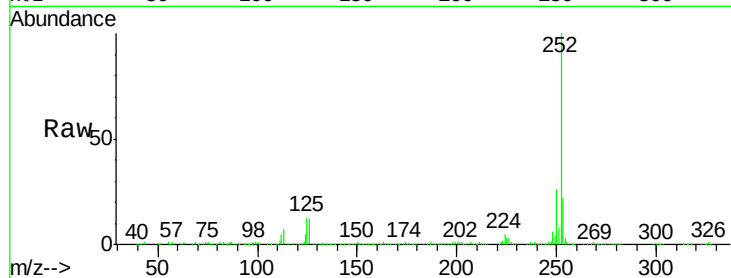




#88
Benzo(k)fluoranthene
Concen: 73.36 ng
RT: 17.01 min Scan# 1411
Delta R.T. -0.13 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

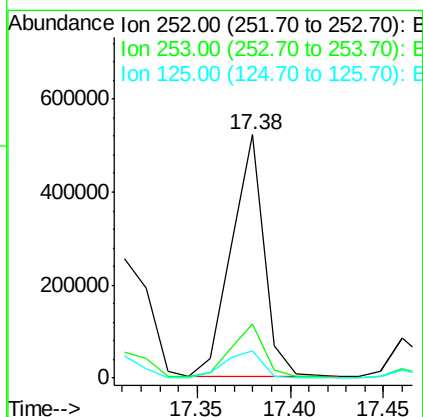
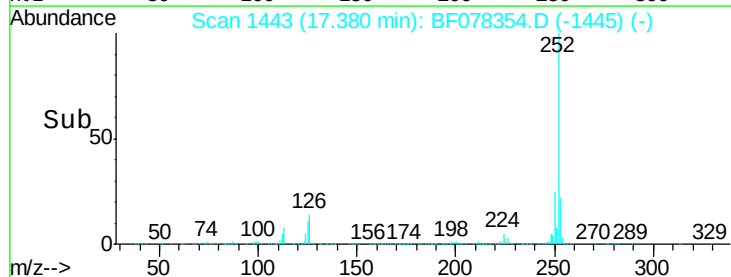
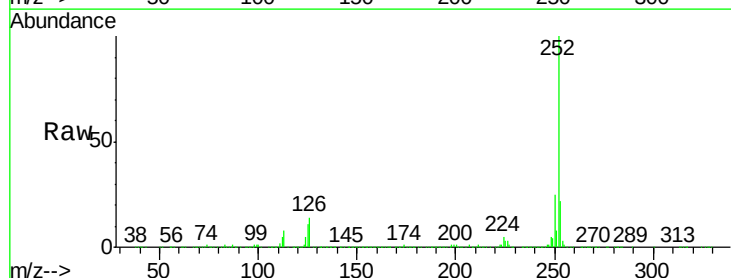
Instrument :
BNA_F
ClientSampleId :
SB-4D

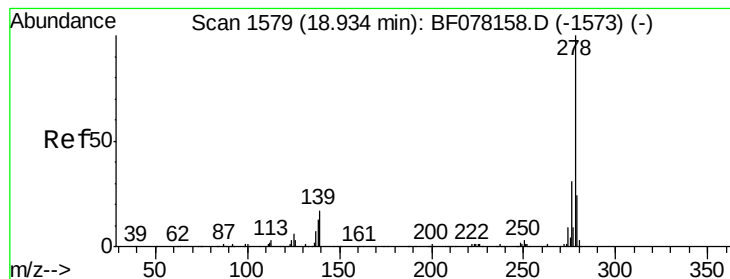
Tgt Ion:252 Resp: 683180
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.6 11.6 17.4



#89
Benzo(a)pyrene
Concen: 68.86 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.13 min
Lab File: BF078354.D
Acq: 9 Apr 2015 00:51

Tgt Ion:252 Resp: 629778
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 11.0 7.4 11.0





#90

Dibenzo(a,h)anthracene

Concen: 3.70 ng

RT: 18.71 min Scan# 1559

Delta R.T. -0.22 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-4D

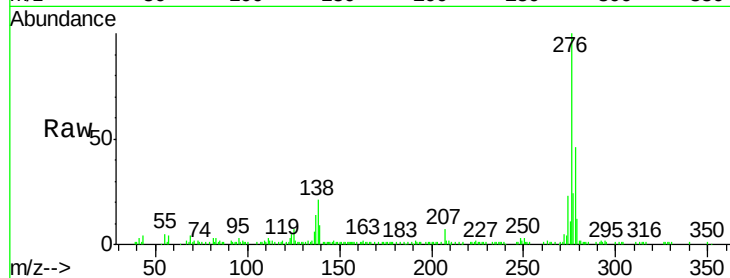
Tgt Ion:278 Resp: 33882

Ion Ratio Lower Upper

278 100

139 18.8 13.6 20.4

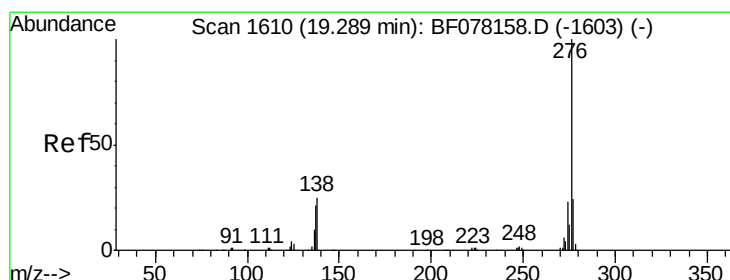
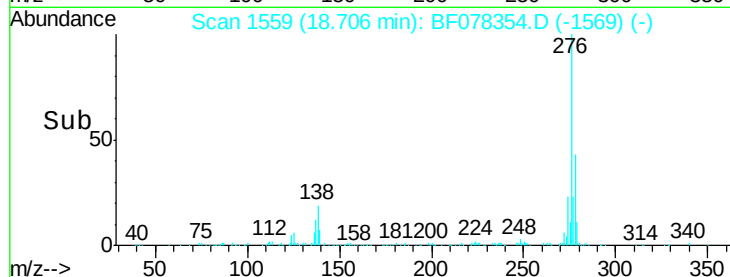
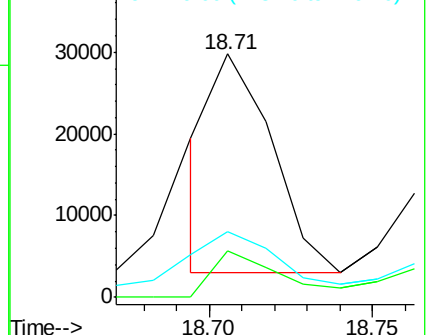
279 26.9 19.0 28.6



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: 32.32 ng

RT: 19.06 min Scan# 1590

Delta R.T. -0.19 min

Lab File: BF078354.D

Acq: 9 Apr 2015 00:51

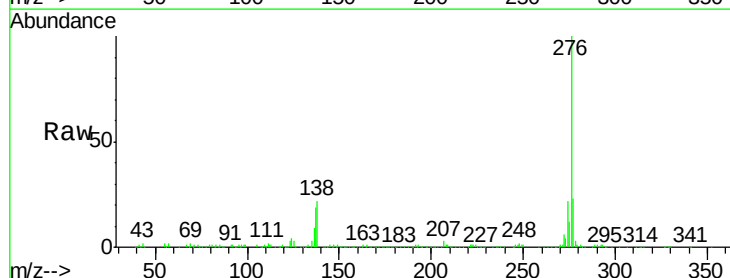
Tgt Ion:276 Resp: 296719

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 22.3 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

