

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078863.D
 Acq On : 30 Apr 2015 22:44
 Operator : TP/IZ
 Sample : G2044-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59S

Quant Time: May 01 00:45:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	79675	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	324442	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	155978	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	314980	20.00	ng	0.00
75) Chrysene-d12	16.27	240	316647	20.00	ng	0.00
86) Perylene-d12	18.03	264	330212	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	248800	53.75	ng	0.00
7) Phenol-d6	6.91	99	331060	54.11	ng	0.00
23) Nitrobenzene-d5	8.06	82	181007	32.06	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	86375	51.19	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	342974	30.63	ng	0.00
78) Terphenyl-d14	14.97	244	397615	30.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	208	0.10	ng	# 88
10) Phenol	6.92	94	2081	0.29	ng	# 1
11) bis(2-Chloroethyl)ether	7.07	93	515	0.10	ng	# 1
15) Benzyl Alcohol	7.55	79	3785	0.83	ng	# 48
22) Acetophenone	7.87	105	265	0.04	ng	# 14
24) Nitrobenzene	8.06	77	400	0.07	ng	# 43
25) Isophorone	8.38	82	213	0.02	ng	# 69
27) 2,4-Dimethylphenol	8.57	122	2290	0.49	ng	# 4
31) Naphthalene	8.97	128	4226	0.27	ng	# 92
32) Benzoic acid	8.57	122	2290	7.00	ng	# 91
33) 4-Chloroaniline	8.97	127	530	0.08	ng	# 26
37) 2-Methylnaphthalene	9.83	142	1524	0.14	ng	# 88
45) 1,1'-Biphenyl	10.41	154	675	0.05	ng	# 43
48) Acenaphthylene	10.95	152	6217	0.39	ng	# 95
49) Dimethylphthalate	10.80	163	21534	1.88	ng	# 99
50) 2,6-Dinitrotoluene	10.80	165	274	0.12	ng	# 43
51) Acenaphthene	11.16	154	5636	0.60	ng	# 96
54) Dibenzofuran	11.38	168	3689	0.27	ng	# 92
57) Fluorene	11.80	166	4664	0.42	ng	# 97
62) Azobenzene	12.01	77	219	0.02	ng	# 1
65) n-Nitrosodiphenylamine	11.95	169	291	0.03	ng	# 72
70) Phenanthrene	13.01	178	97607	5.54	ng	# 96
71) Anthracene	13.06	178	25316	1.46	ng	# 98
72) Carbazole	13.27	167	6903	0.42	ng	# 95
73) Di-n-butylphthalate	13.71	149	3655	0.18	ng	# 93
74) Fluoranthene	14.48	202	201457	10.97	ng	# 96
77) Pyrene	14.77	202	200131	10.97	ng	# 99
79) Butylbenzylphthalate	15.59	149	994	0.12	ng	# 81
80) Benzo(a)anthracene	16.26	228	98446	5.68	ng	# 98
82) Chrysene	16.30	228	92041	5.52	ng	# 97
83) Bis(2-ethylhexyl)phthalate	16.31	149	14048	1.16	ng	# 96
84) Di-n-octyl phthalate	17.12	149	676	0.03	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.54	276	75659	3.56	ng	# 100
87) Benzo(b)fluoranthene	17.58	252	175238	9.70	ng	# 99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

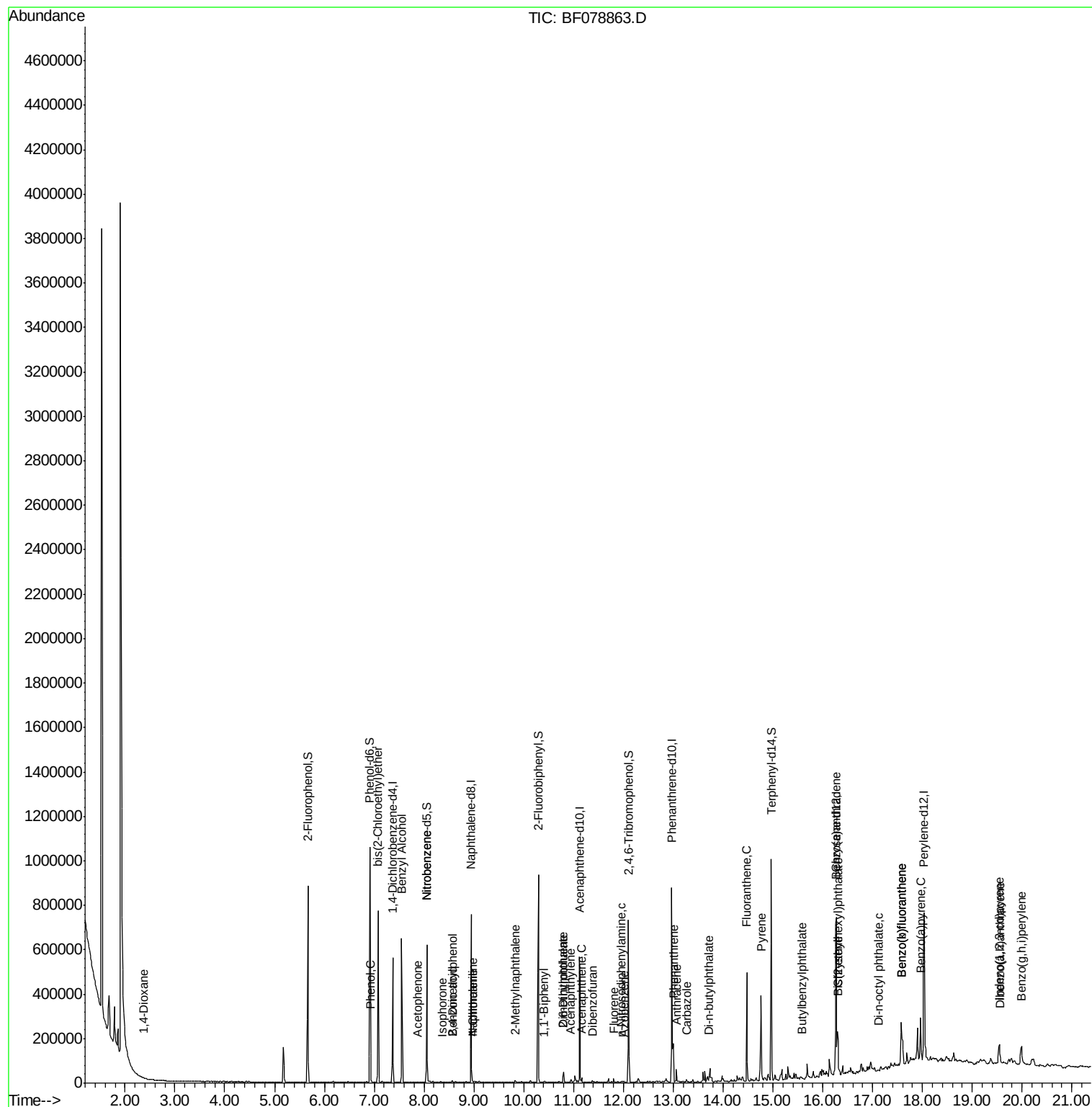
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	17.58	252	178995	10.23	ng	97
89) Benzo(a)pyrene	17.97	252	102482	6.16	ng	98
90) Dibenzo(a,h)anthracene	19.55	278	13191	0.75	ng	# 87
91) Benzo(g,h,i)perylene	19.99	276	73317	4.14	ng	98

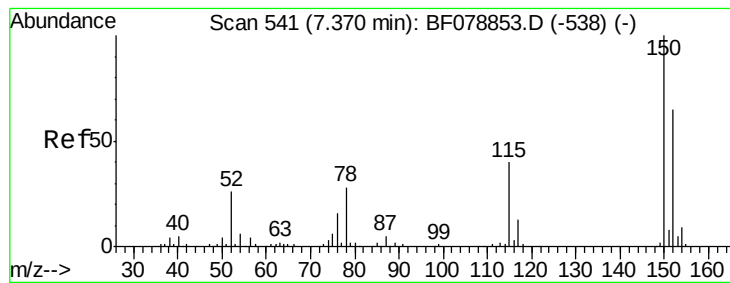
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

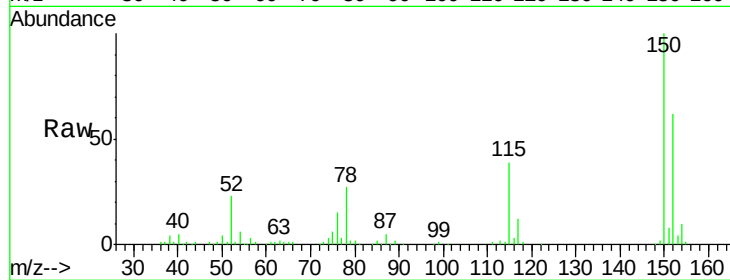
Tgt Ion:152 Resp: 79675

Ion Ratio Lower Upper

152 100

150 160.9 122.0 183.0

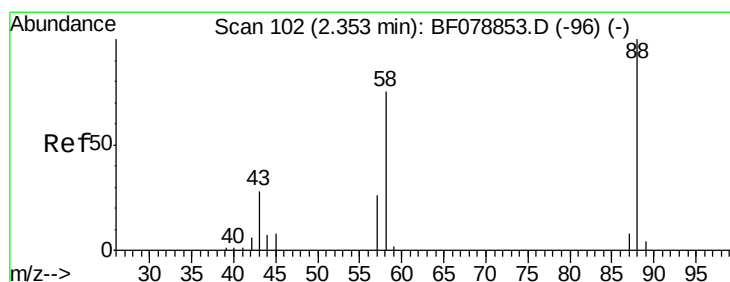
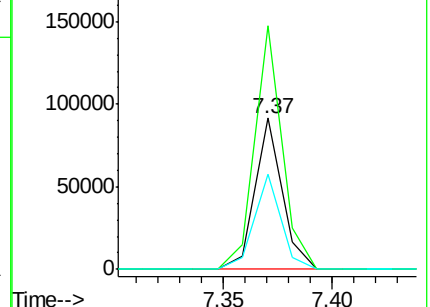
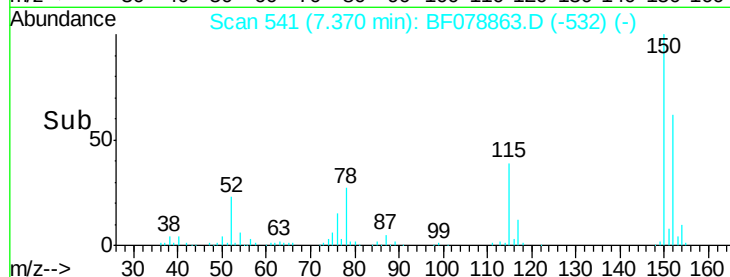
115 63.1 46.3 69.5



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: 0.10 ng

RT: 2.38 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

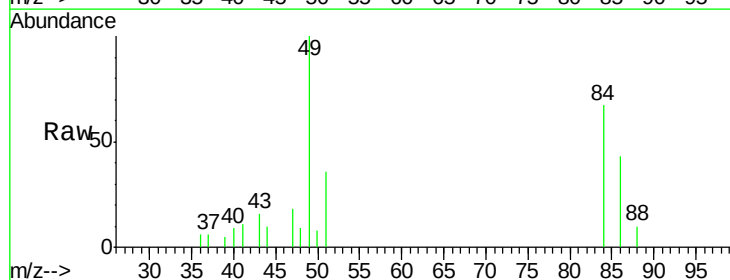
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 228.4 0.0 0.0#

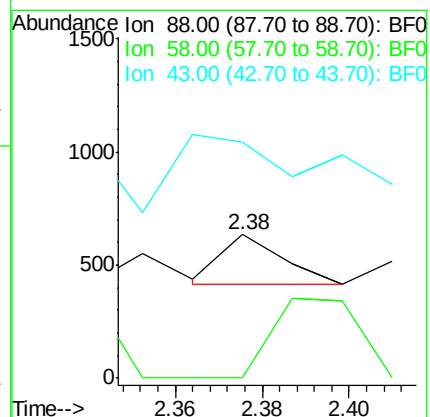
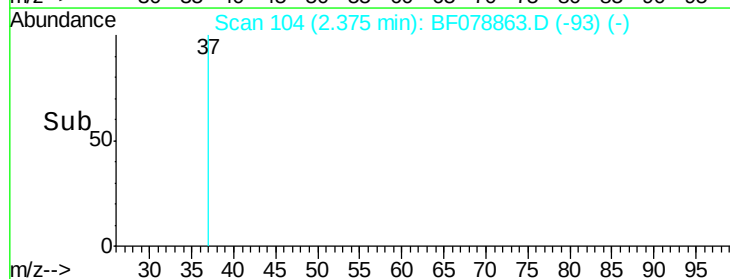
43 0.0 3.3 4.9#

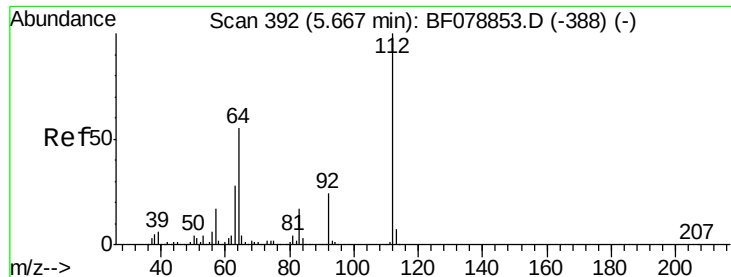


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.75 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

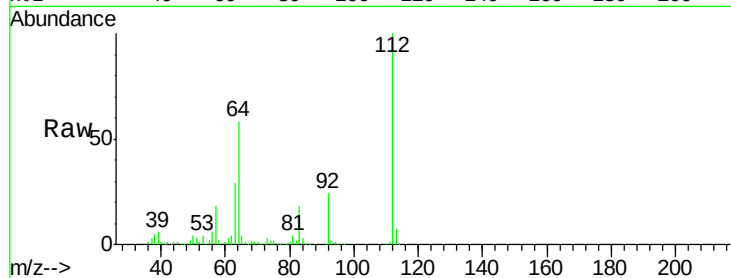
Tgt Ion: 112 Resp: 248800

Ion Ratio Lower Upper

112 100

64 57.8 53.5 80.3

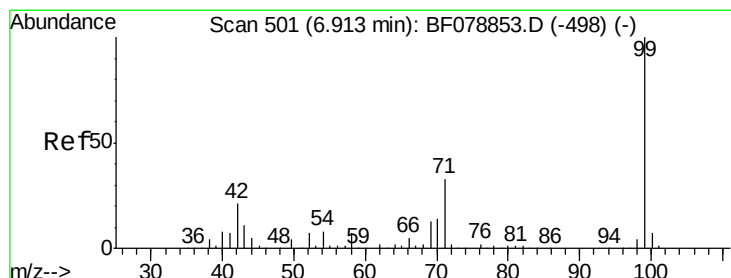
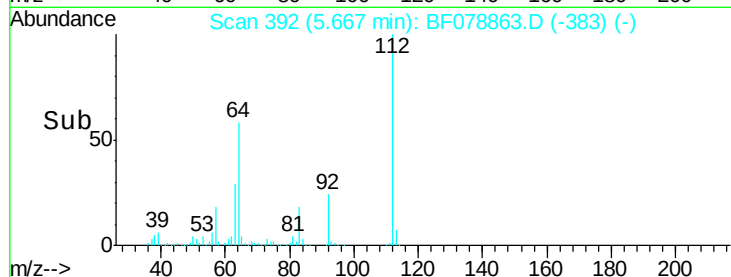
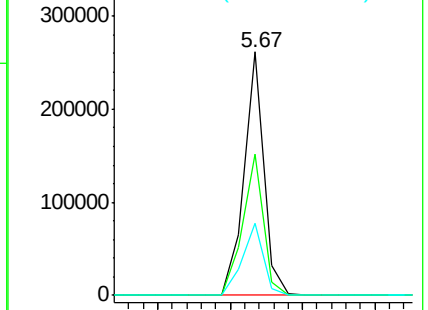
63 29.4 27.5 41.3



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: 54.11 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

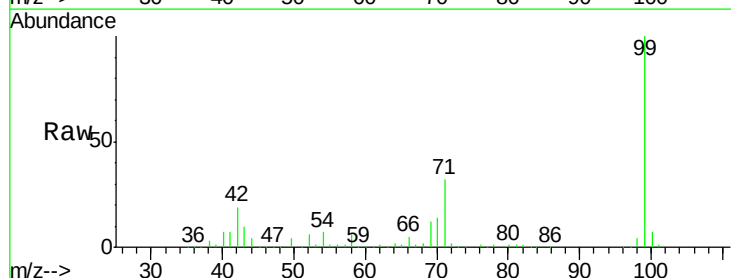
Tgt Ion: 99 Resp: 331060

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

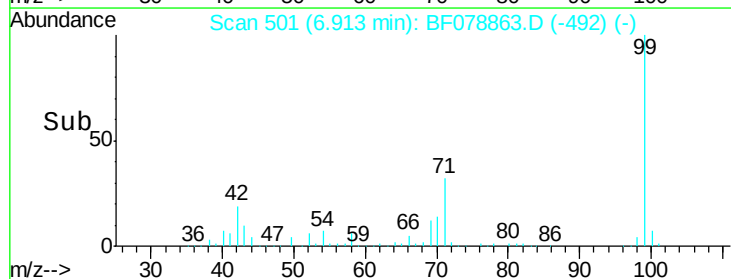
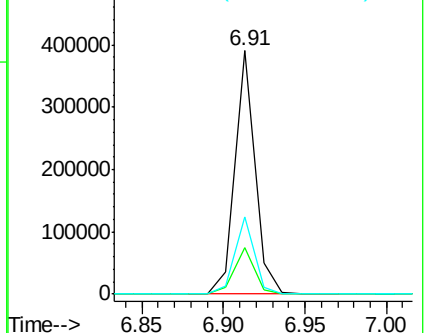
71 31.8 23.4 35.2

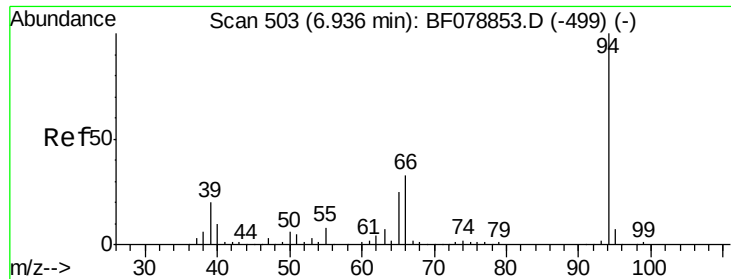


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 0.29 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

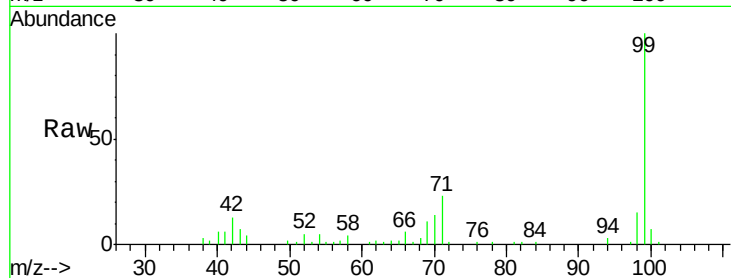
Tgt Ion: 94 Resp: 2081

Ion Ratio Lower Upper

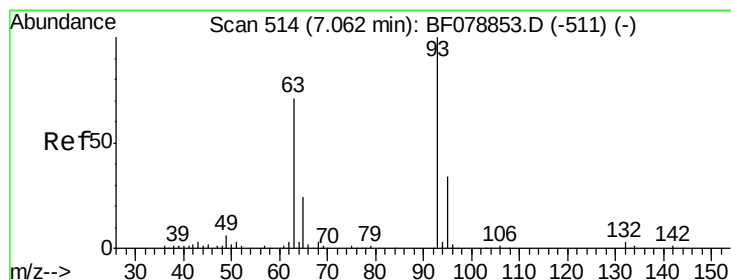
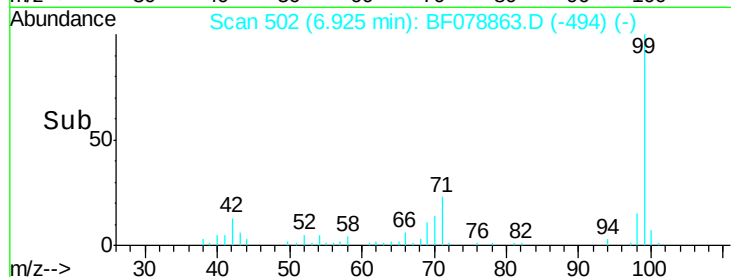
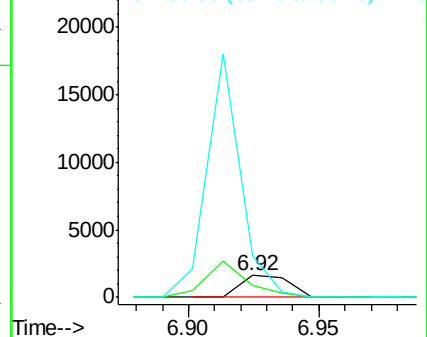
94 100

65 56.6 8.5 48.5#

66 187.1 16.0 56.0#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

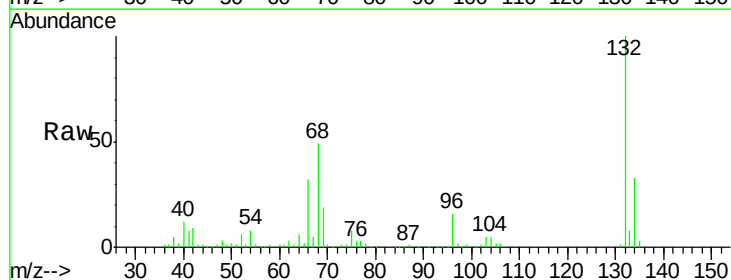
Tgt Ion: 93 Resp: 515

Ion Ratio Lower Upper

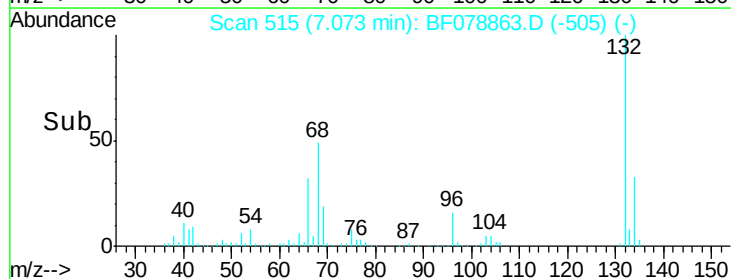
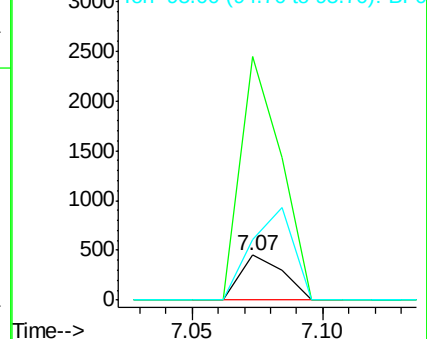
93 100

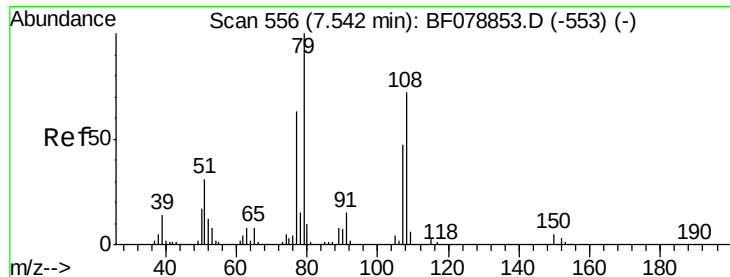
63 544.3 64.8 104.8#

95 136.5 12.4 52.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 0.83 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

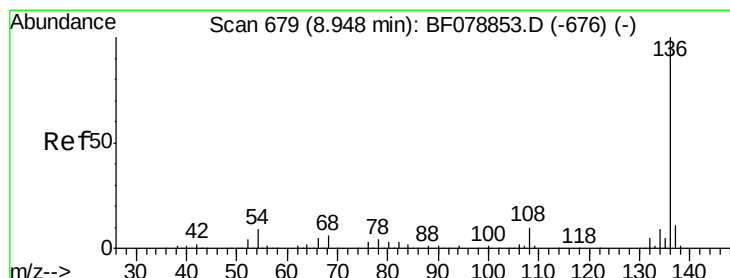
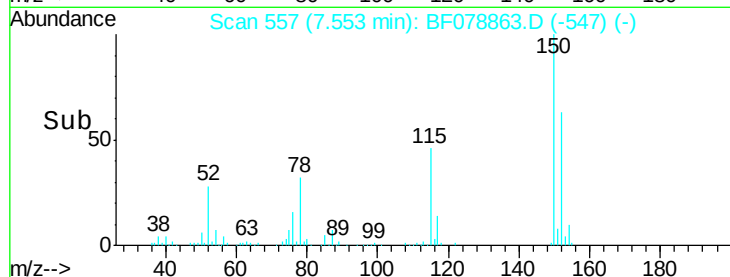
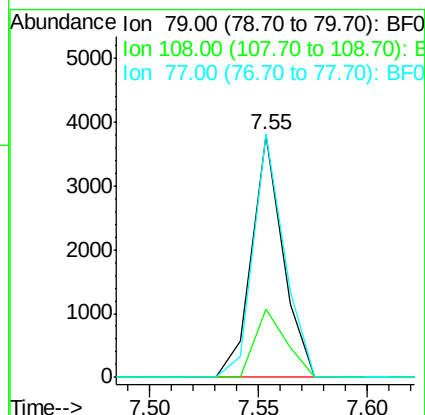
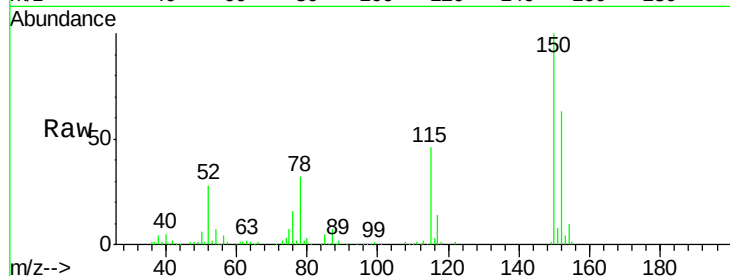
Tgt Ion: 79 Resp: 3785

Ion Ratio Lower Upper

79 100

108 27.9 62.5 93.7#

77 100.3 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Tgt Ion: 136 Resp: 324442

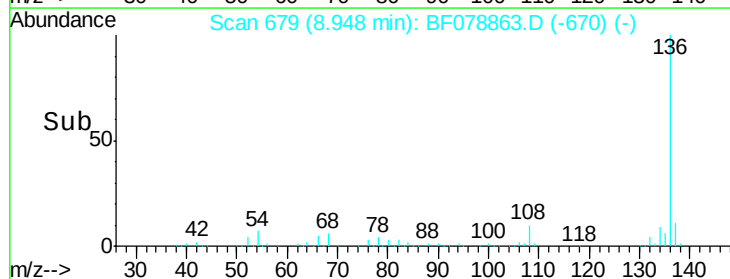
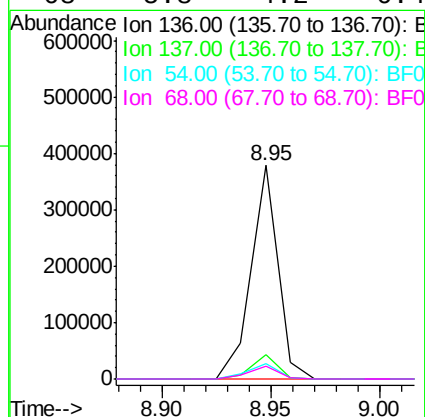
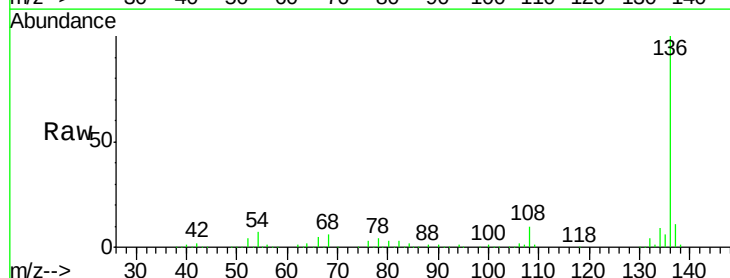
Ion Ratio Lower Upper

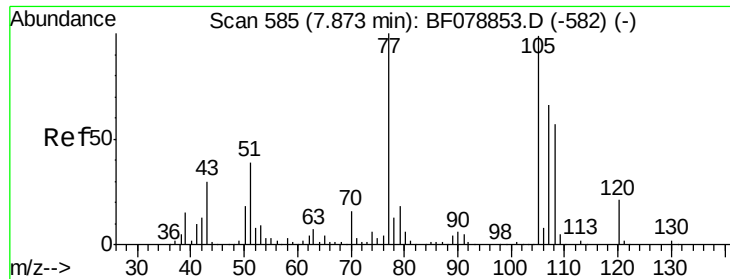
136 100

137 11.1 8.7 13.1

54 7.4 5.8 8.8

68 5.8 4.2 6.4





#22

Acetophenone

Concen: 0.04 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

Tgt Ion: 105 Resp: 265

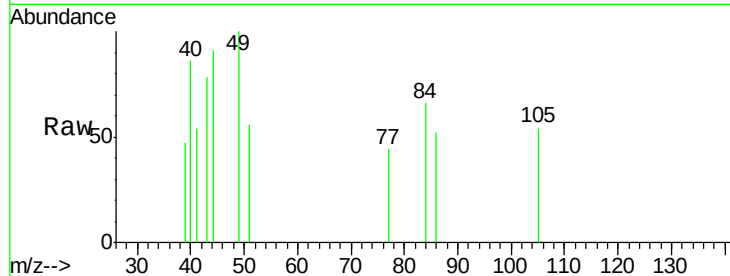
Ion Ratio Lower Upper

105 100

71 0.0 4.6 6.8#

51 103.4 26.7 40.1#

120 0.0 17.4 26.0#



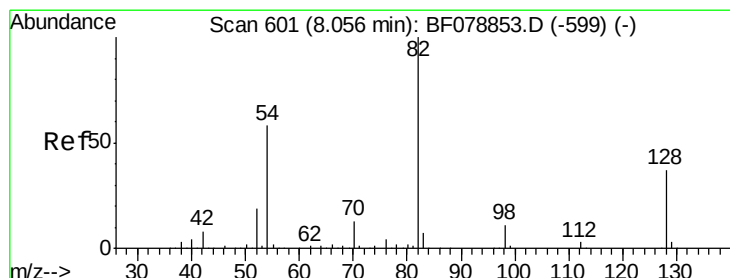
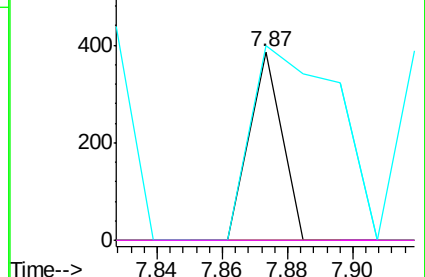
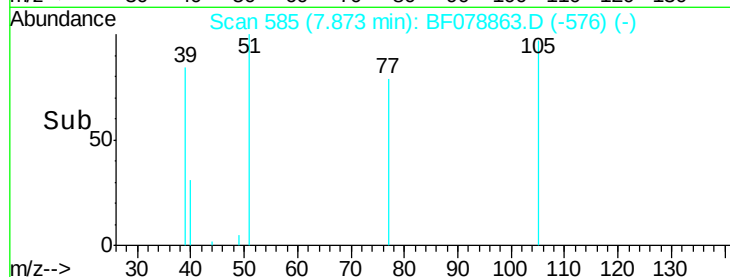
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 32.06 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

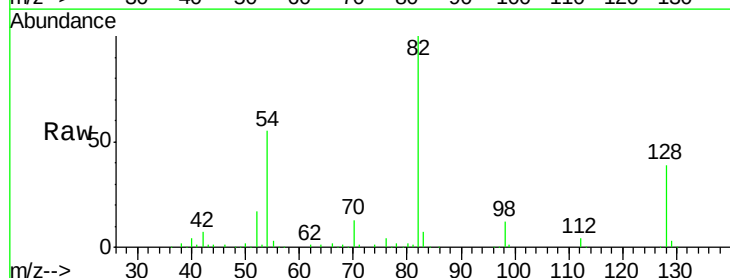
Tgt Ion: 82 Resp: 181007

Ion Ratio Lower Upper

82 100

128 38.8 30.0 45.0

54 54.9 46.4 69.6

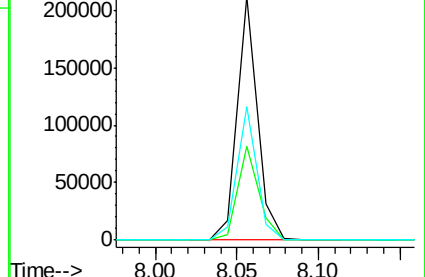
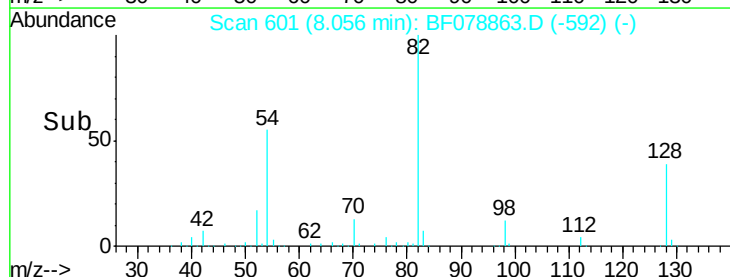


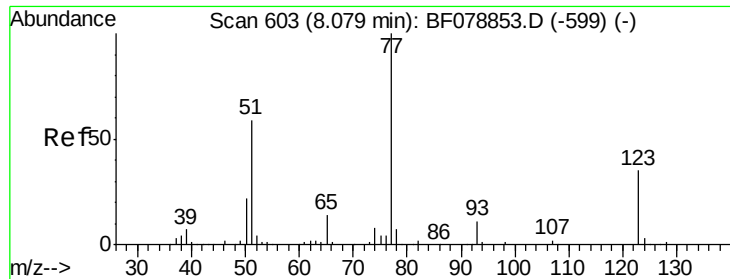
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

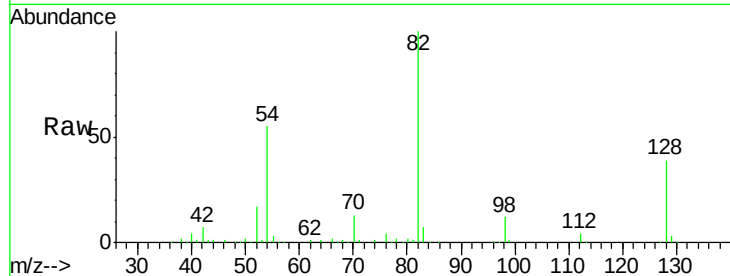




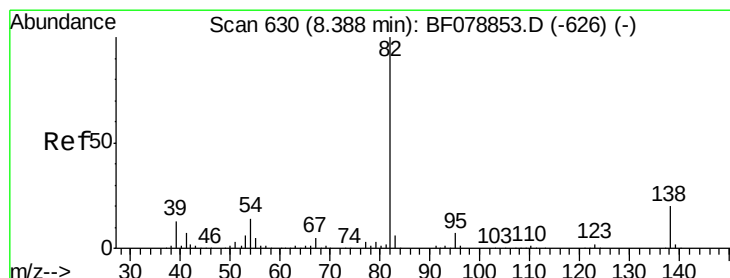
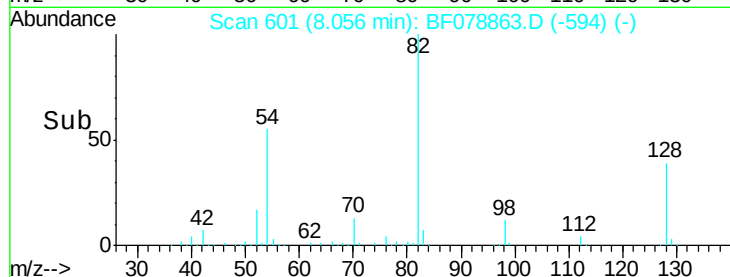
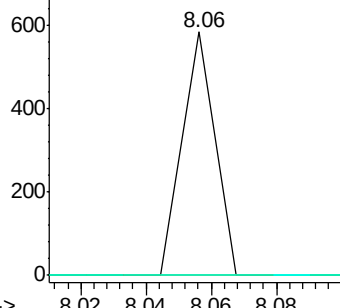
#24
Nitrobenzene
Concen: 0.07 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Instrument :
BNA_F
ClientSampleId :
SB-59S

Tgt Ion: 77 Resp: 400
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 10.6 15.8#

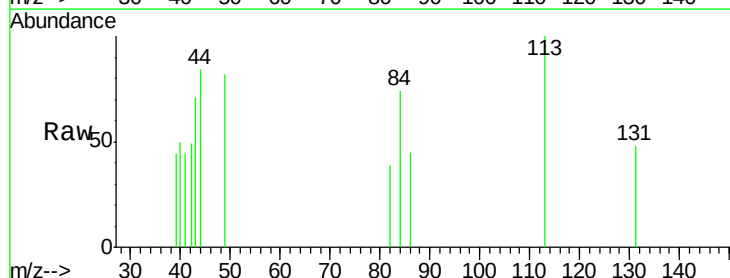


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

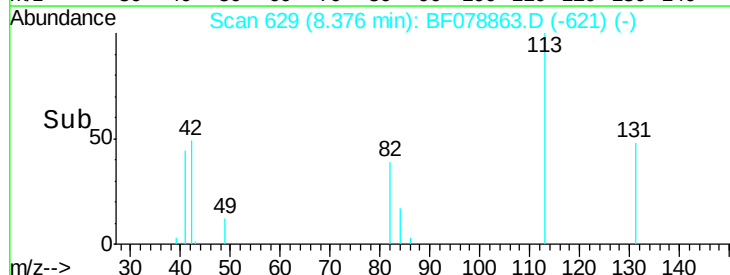
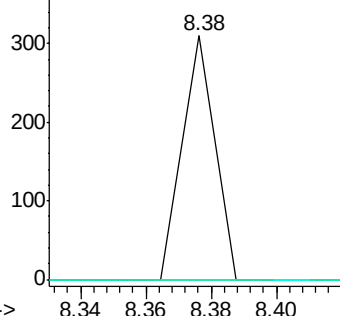


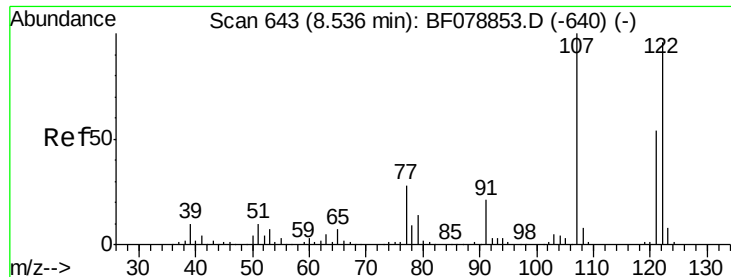
#25
Isophorone
Concen: 0.02 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion: 82 Resp: 213
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

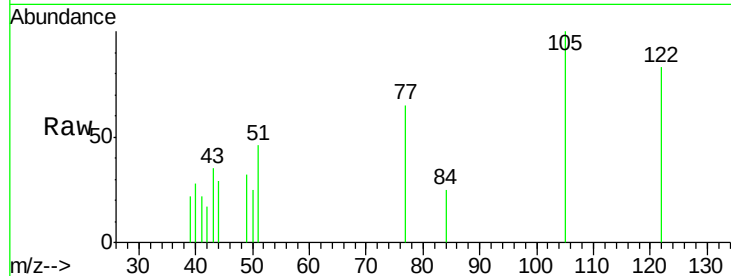




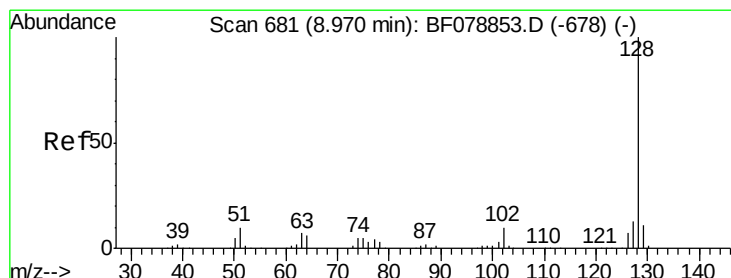
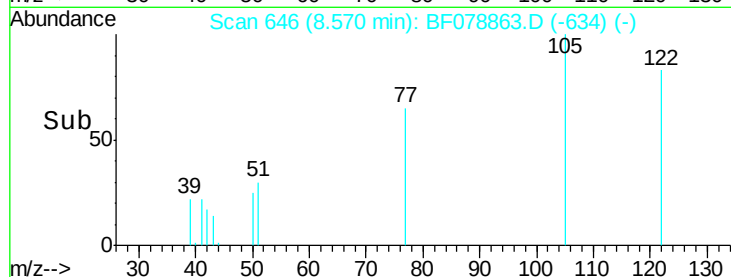
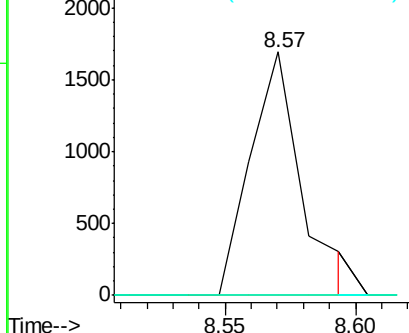
#27
2,4-Dimethylphenol
Concen: 0.49 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.03 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Instrument :
BNA_F
ClientSampleId :
SB-59S

Tgt Ion:122 Resp: 2290
Ion Ratio Lower Upper
122 100
107 0.0 90.6 135.8#
121 0.0 45.4 68.2#

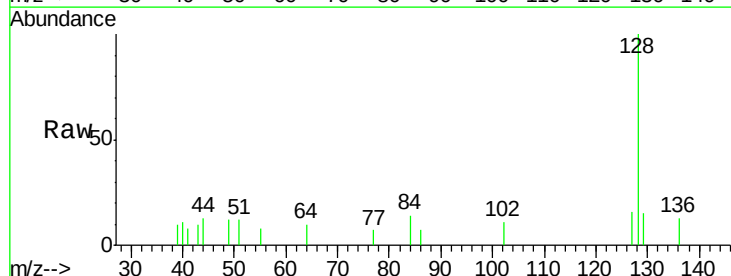


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

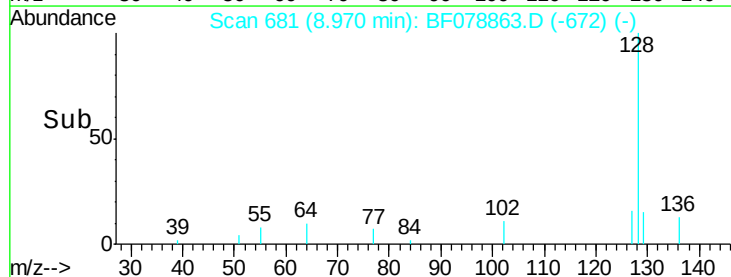
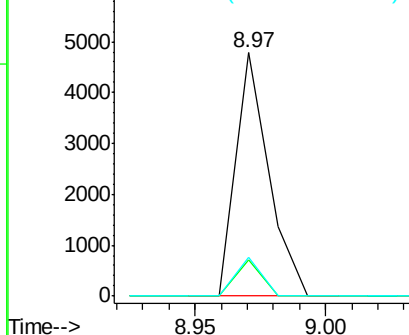


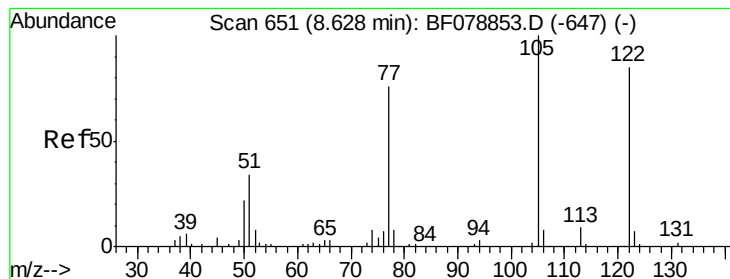
#31
Naphthalene
Concen: 0.27 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion:128 Resp: 4226
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 16.1 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.00 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampled :

SB-59S

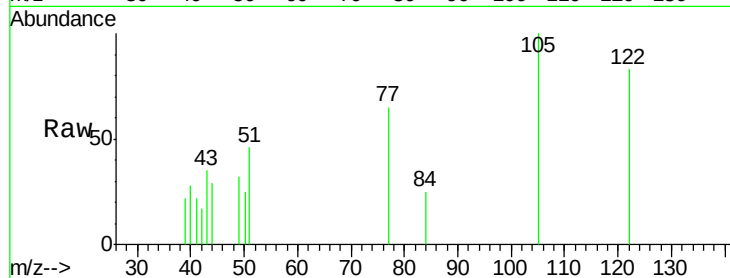
Tgt Ion:122 Resp: 2290

Ion Ratio Lower Upper

122 100

105 121.1 107.1 147.1

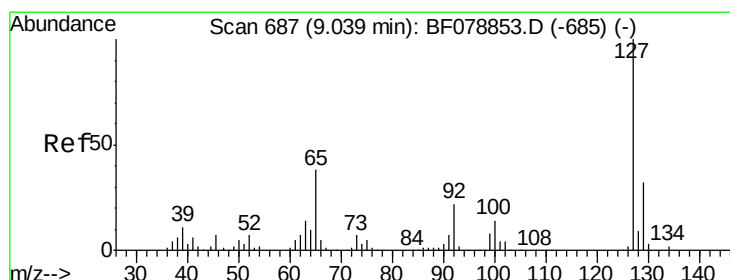
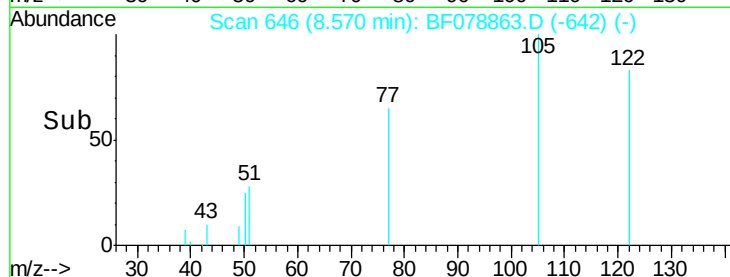
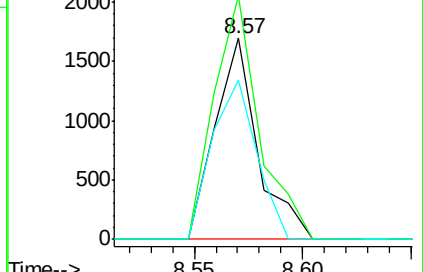
77 79.2 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 0.08 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Tgt Ion:127 Resp: 530

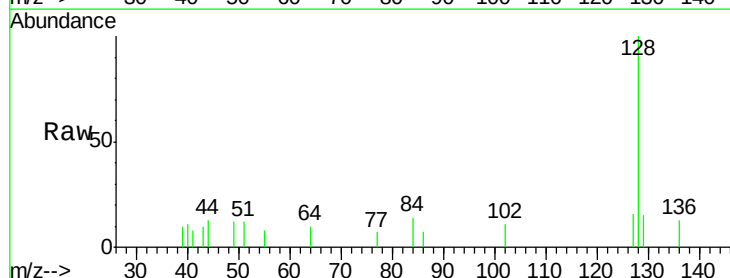
Ion Ratio Lower Upper

127 100

129 93.0 25.8 38.8#

65 0.0 25.8 38.6#

92 0.0 15.5 23.3#

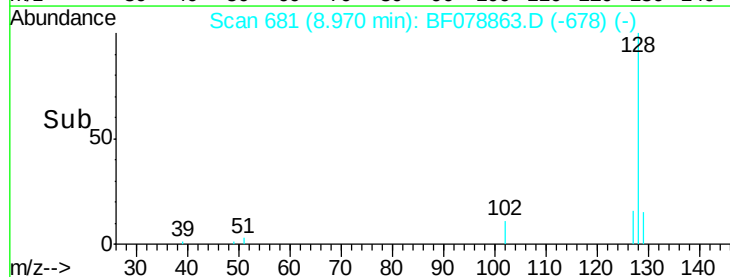
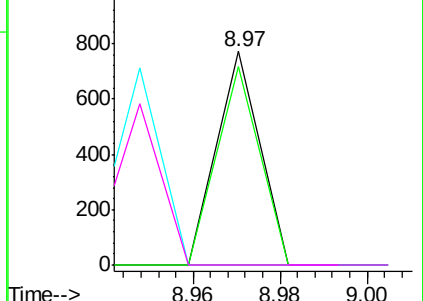


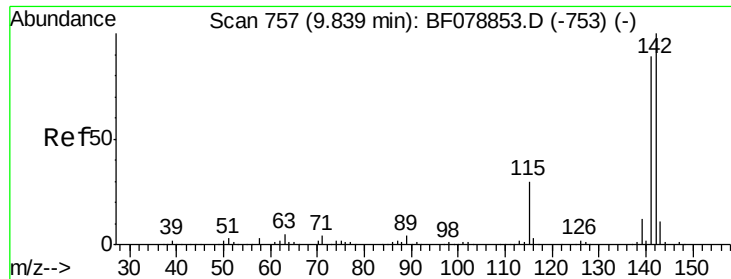
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

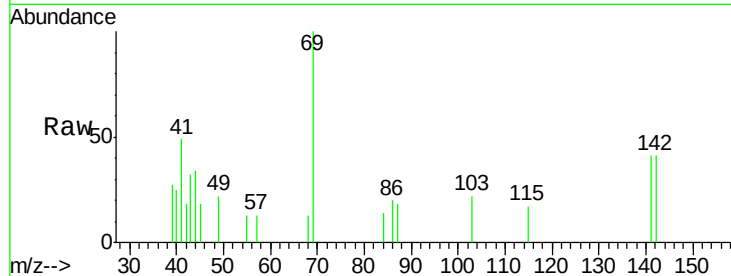




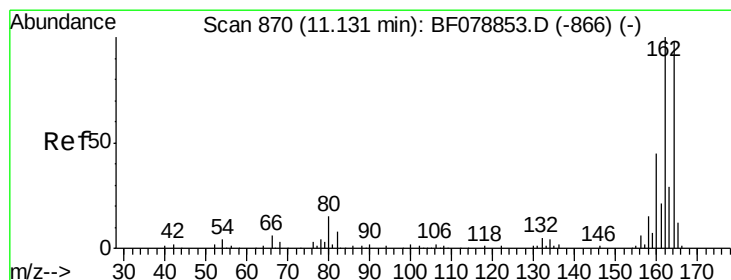
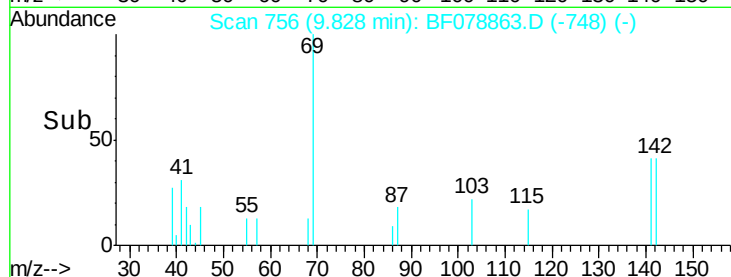
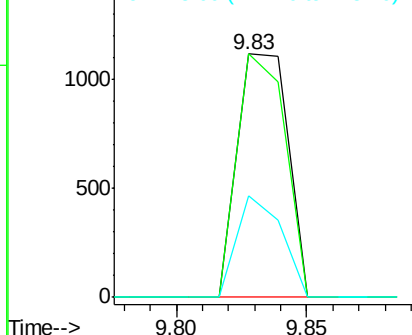
#37
 2-Methylnaphthalene
 Concen: 0.14 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

Instrument :
 BNA_F
 ClientSampleID :
 SB-59S

Tgt Ion:142 Resp: 1524
 Ion Ratio Lower Upper
 142 100
 141 99.9 70.9 106.3
 115 41.8 28.5 42.7

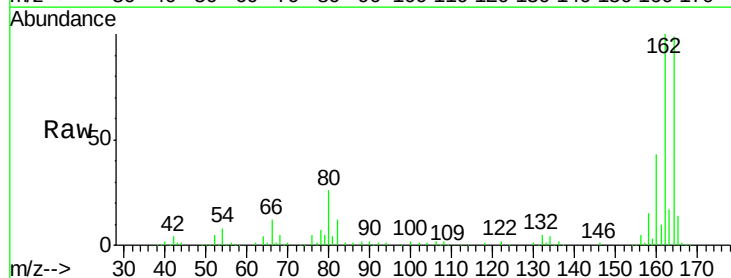


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

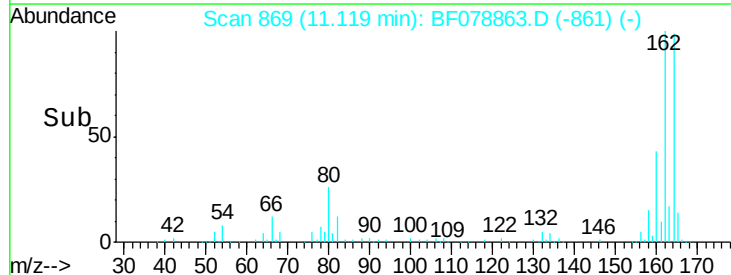
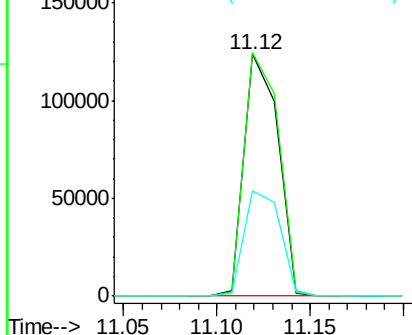


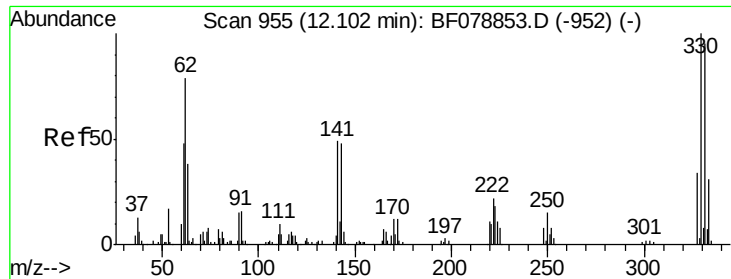
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

Tgt Ion:164 Resp: 155978
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.7 124.1
 160 43.4 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

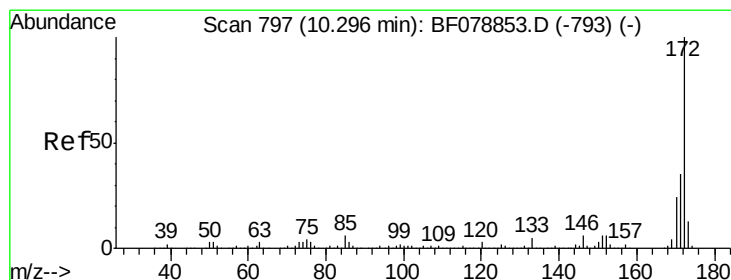
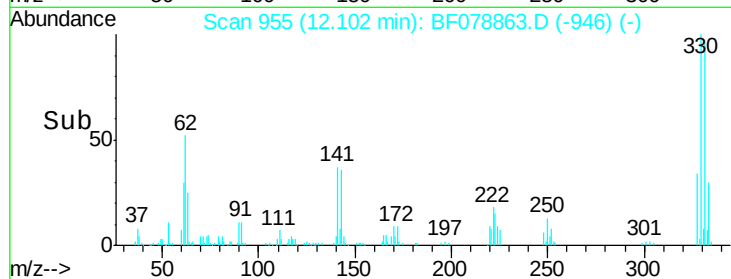
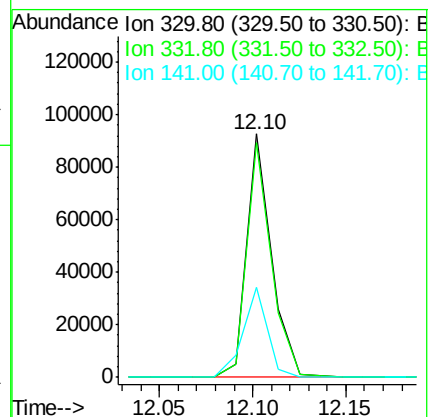
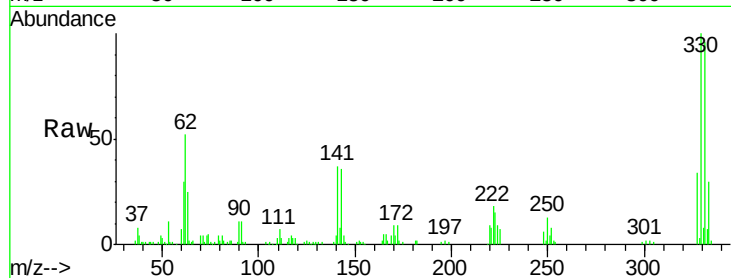




#41
 2,4,6-Tribromophenol
 Concen: 51.19 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

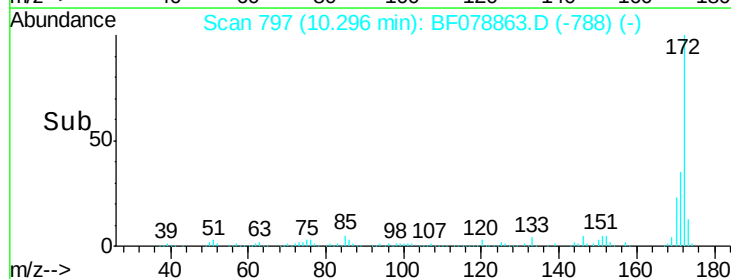
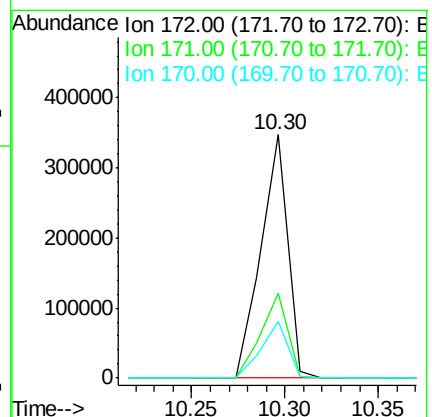
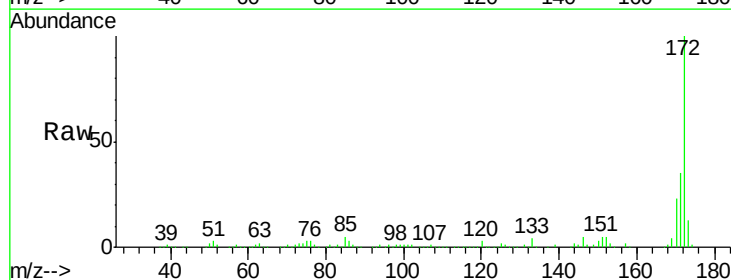
Instrument :
 BNA_F
 ClientSampleId :
 SB-59S

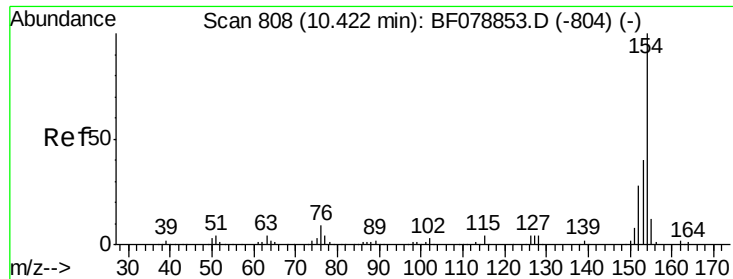
Tgt Ion:330 Resp: 86375
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 36.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 30.63 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

Tgt Ion:172 Resp: 342974
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 23.4 19.4 29.0

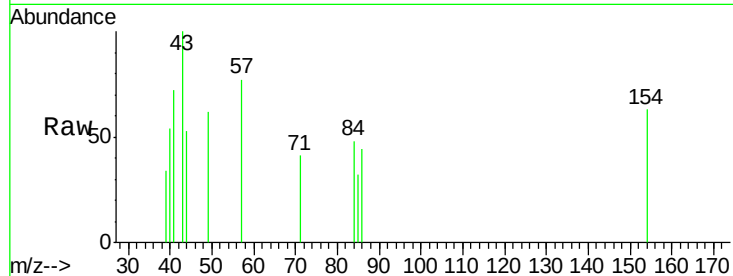




#45
 1,1'-Biphenyl
 Concen: 0.05 ng
 RT: 10.41 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

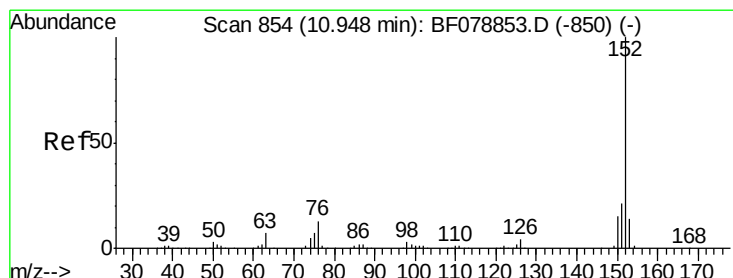
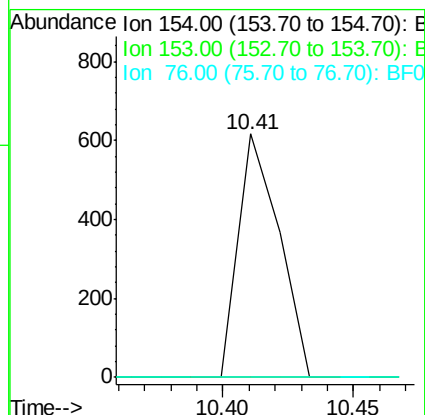
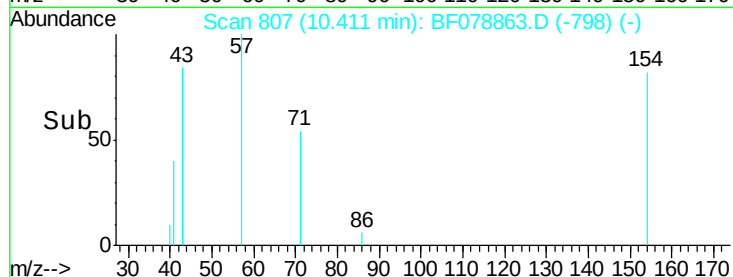
Instrument :
 BNA_F
 ClientSampleId :
 SB-59S

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	19.9	59.9#
76	0.0	0.0	35.0



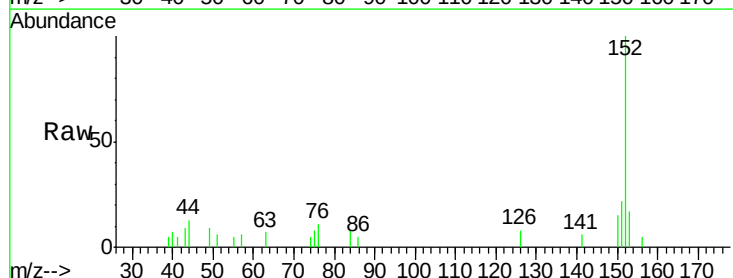
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

10.41



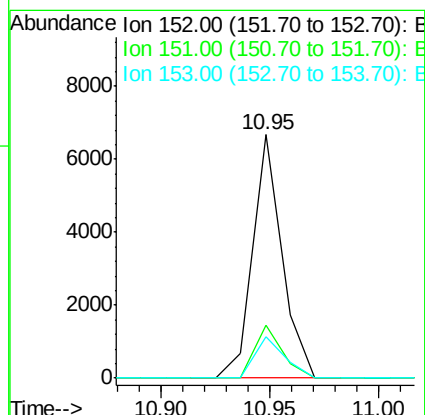
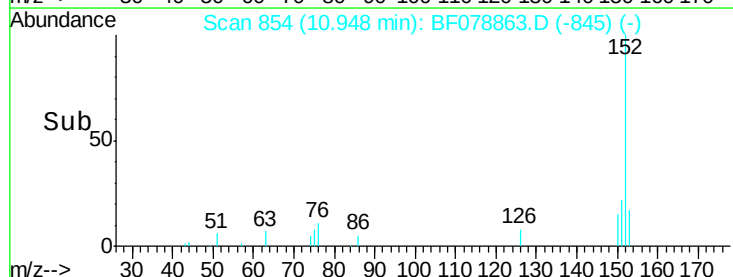
#48
 Acenaphthylene
 Concen: 0.39 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

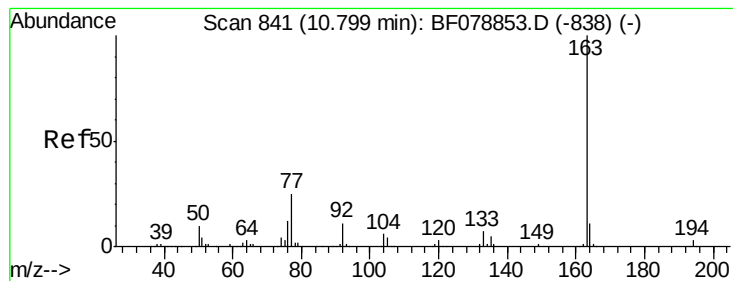
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.2	24.4
153	17.0	10.9	16.3#



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

10.95





#49

Dimethylphthalate

Concen: 1.88 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

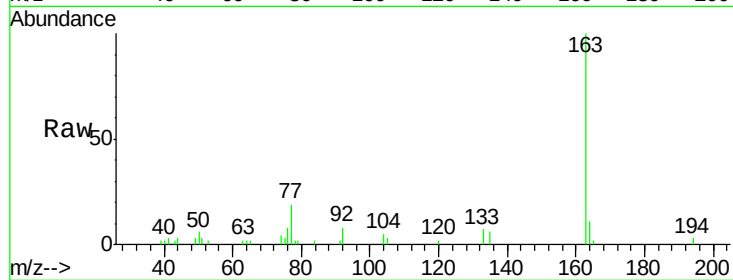
Tgt Ion:163 Resp: 21534

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

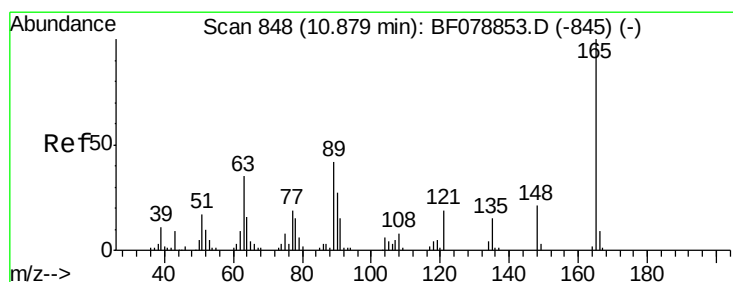
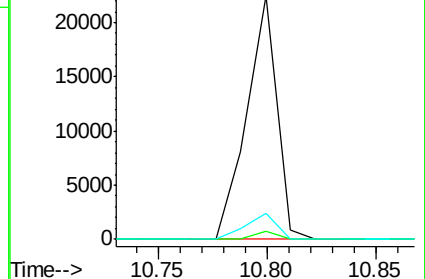
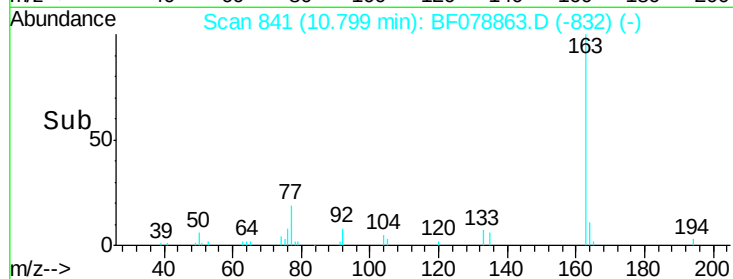
164 10.6 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 0.12 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.07 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

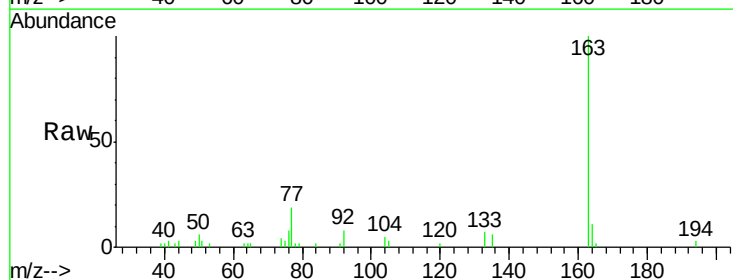
Tgt Ion:165 Resp: 274

Ion Ratio Lower Upper

165 100

63 91.3 54.4 81.6#

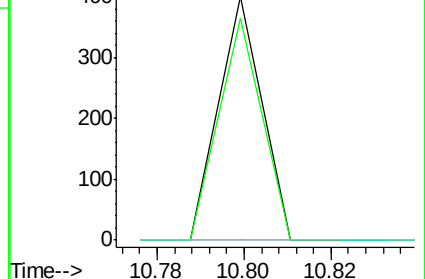
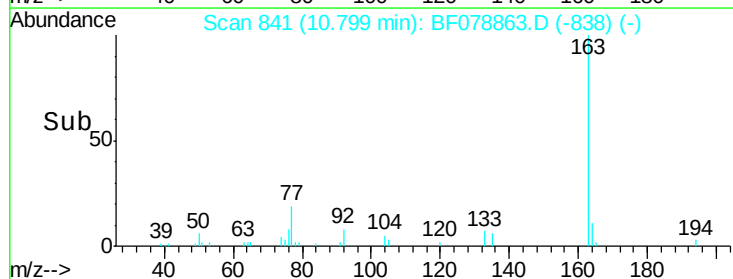
89 0.0 55.7 83.5#

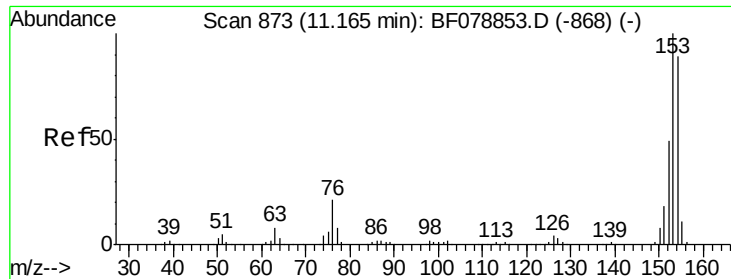


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.60 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

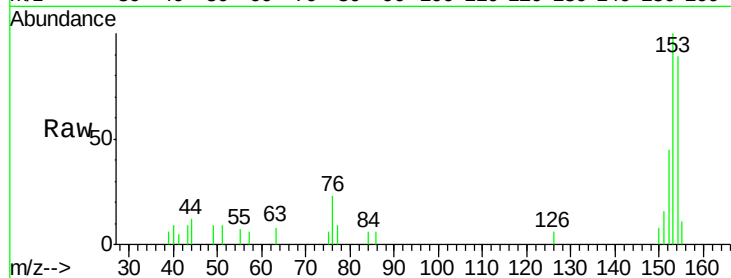
Tgt Ion:154 Resp: 5636

Ion Ratio Lower Upper

154 100

153 112.4 91.5 137.3

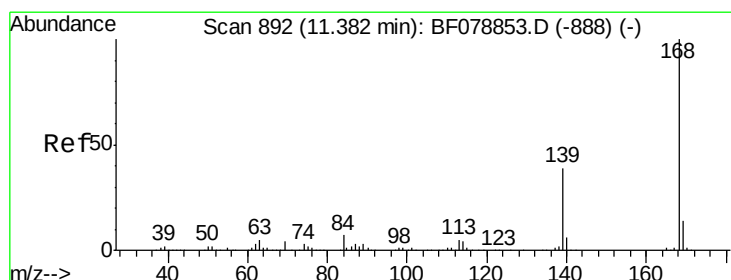
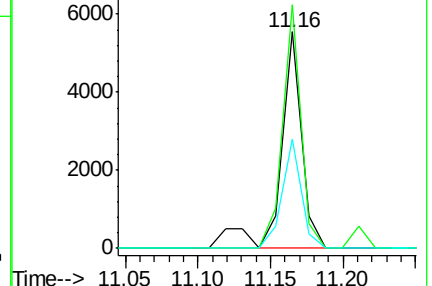
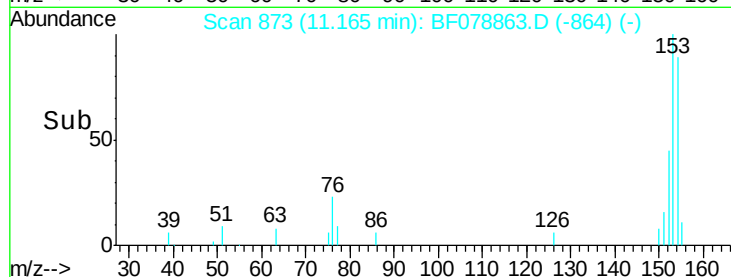
152 50.3 44.2 66.4



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: 0.27 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

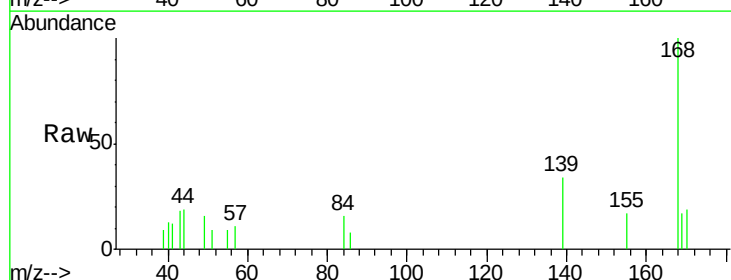
Tgt Ion:168 Resp: 3689

Ion Ratio Lower Upper

168 100

139 33.8 31.0 46.4

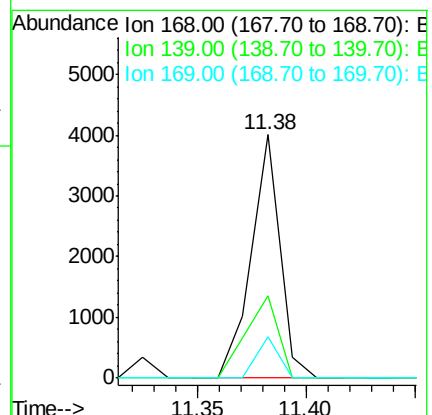
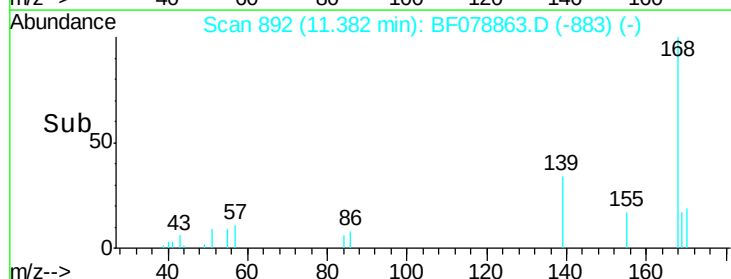
169 17.2 10.6 16.0#

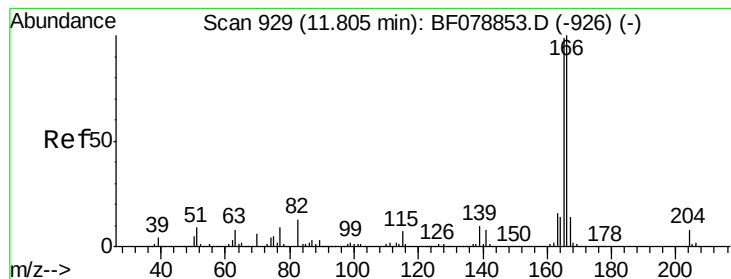


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.42 ng

RT: 11.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

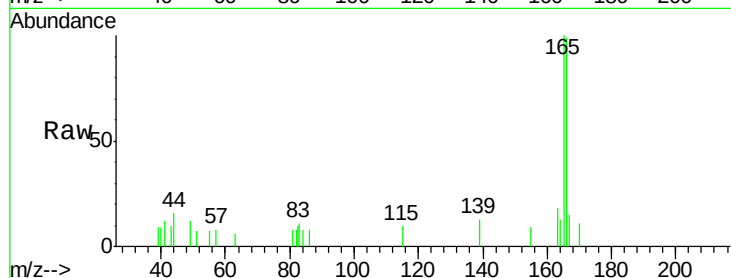
Tgt Ion:166 Resp: 4664

Ion Ratio Lower Upper

166 100

165 100.8 78.5 117.7

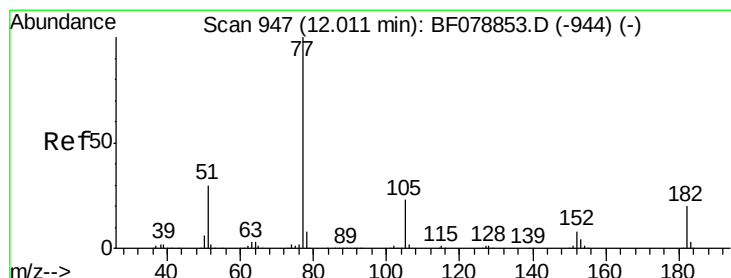
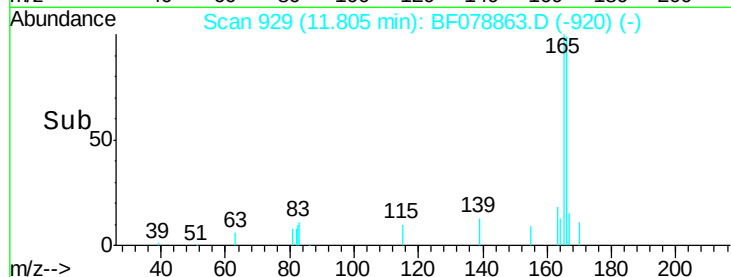
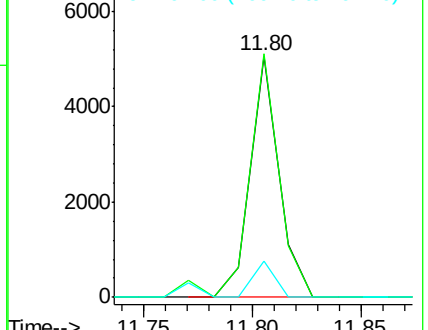
167 15.1 11.0 16.6



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: 0.02 ng

RT: 12.01 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Tgt Ion: 77 Resp: 219

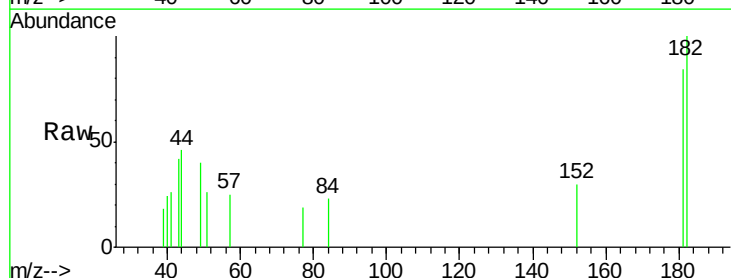
Ion Ratio Lower Upper

77 100

182 537.8 3.8 43.8#

105 0.0 3.9 43.9#

51 141.6 10.8 50.8#

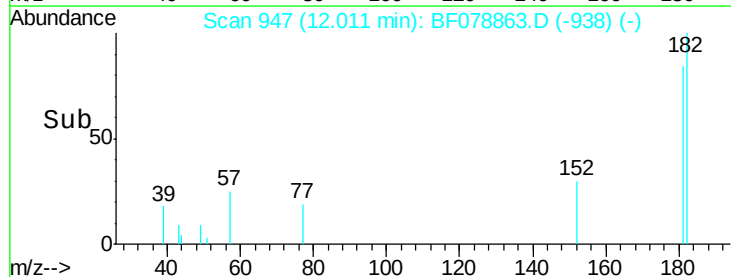
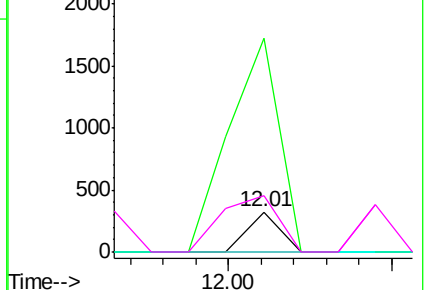


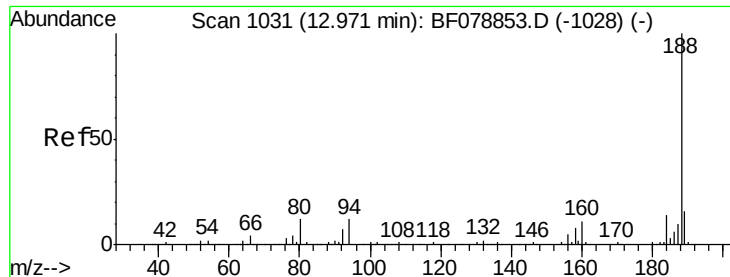
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

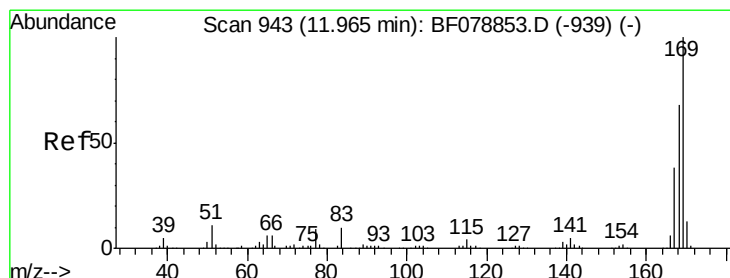
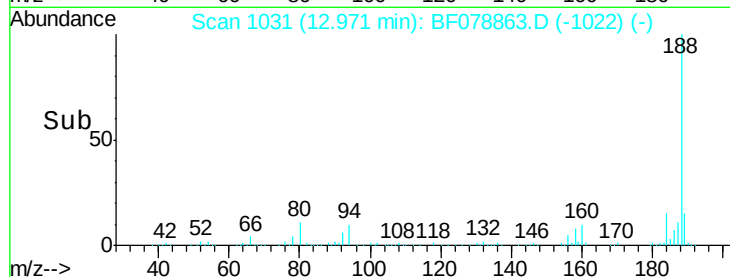
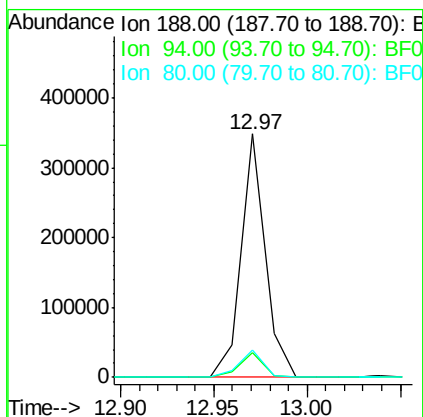
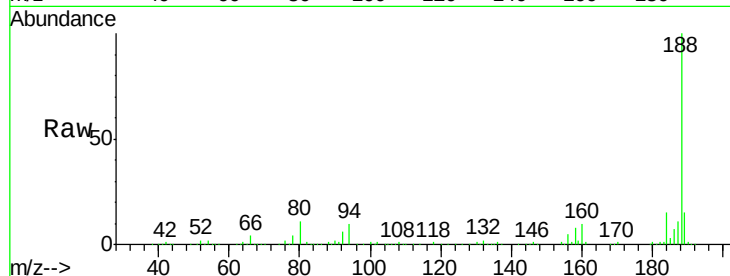




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

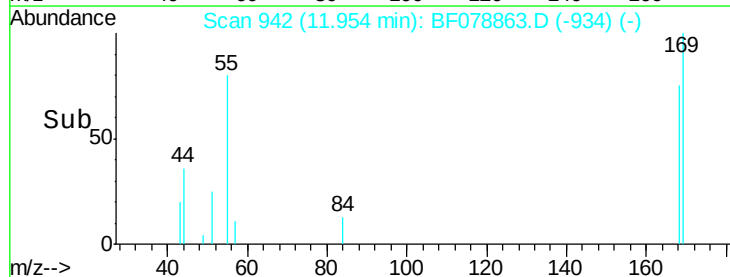
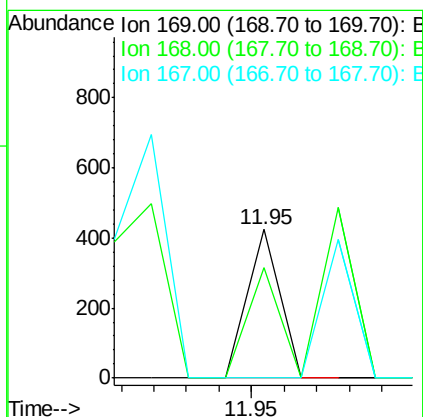
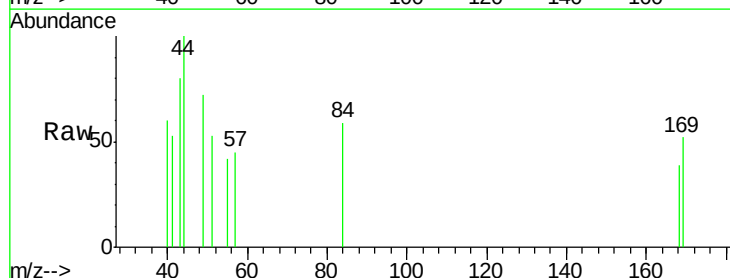
Instrument :
BNA_F
ClientSampleId :
SB-59S

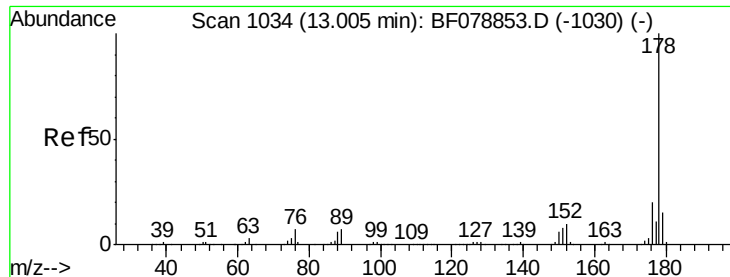
Tgt Ion:188 Resp: 314980
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.0 8.9 13.3



#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion:169 Resp: 291
Ion Ratio Lower Upper
169 100
168 74.5 54.6 82.0
167 0.0 30.6 45.8#





#70

Phenanthrene

Concen: 5.54 ng

RT: 13.01 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampled :

SB-59S

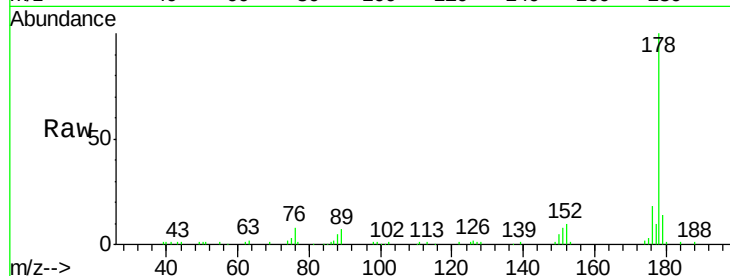
Tgt Ion:178 Resp: 97607

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

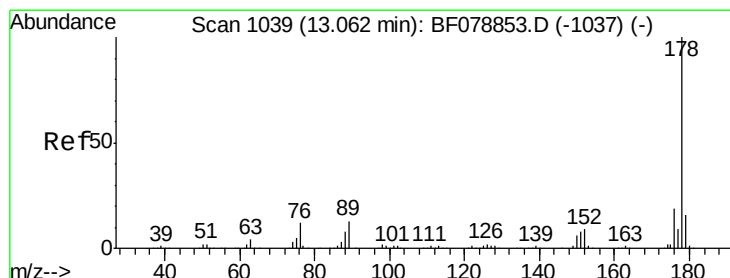
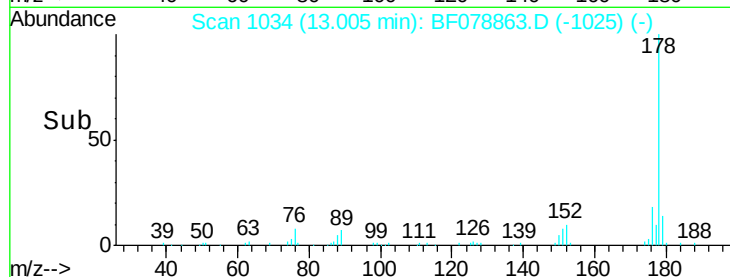
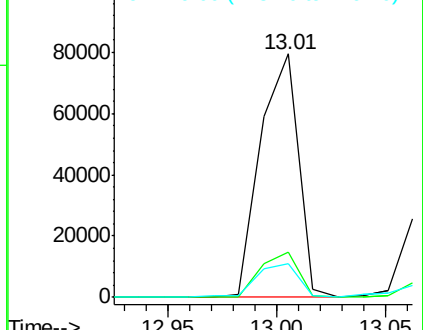
179 13.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 1.46 ng

RT: 13.06 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

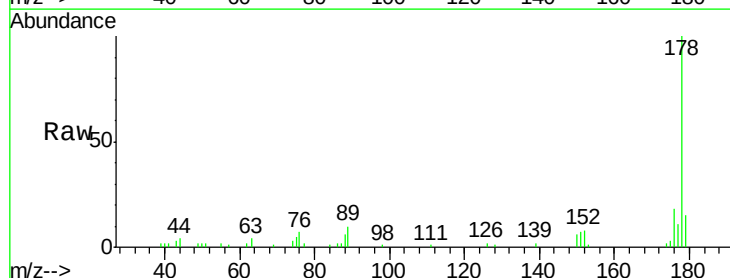
Tgt Ion:178 Resp: 25316

Ion Ratio Lower Upper

178 100

176 18.2 15.5 23.3

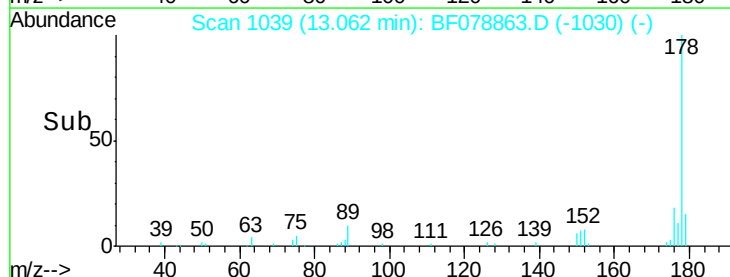
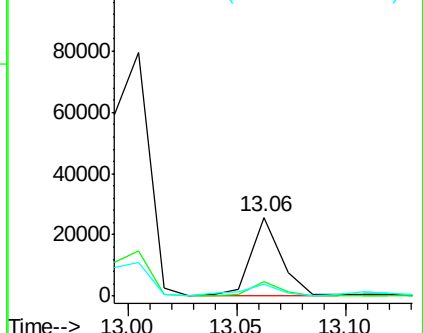
179 15.3 12.7 19.1

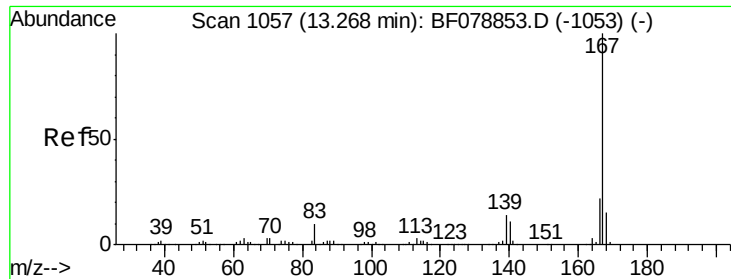


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.42 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

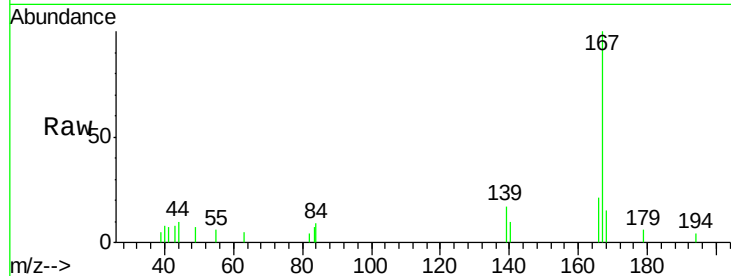
Tgt Ion:167 Resp: 6903

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

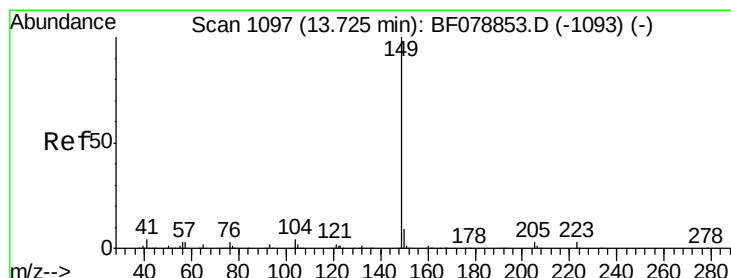
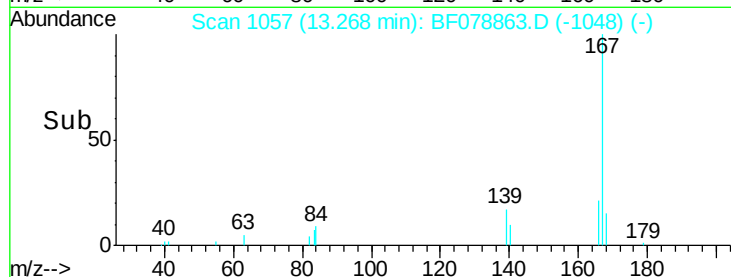
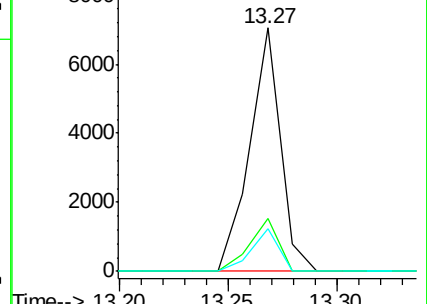
139 17.4 10.6 16.0#



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



#73

Di-n-butylphthalate

Concen: 0.18 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

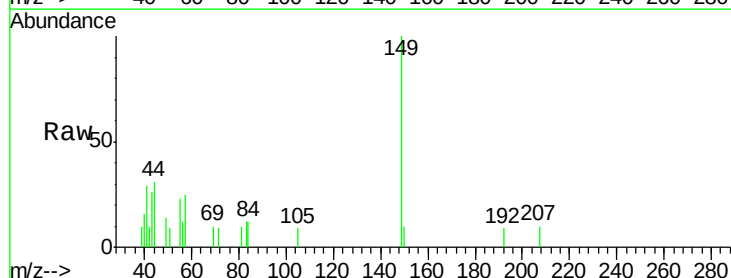
Tgt Ion:149 Resp: 3655

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

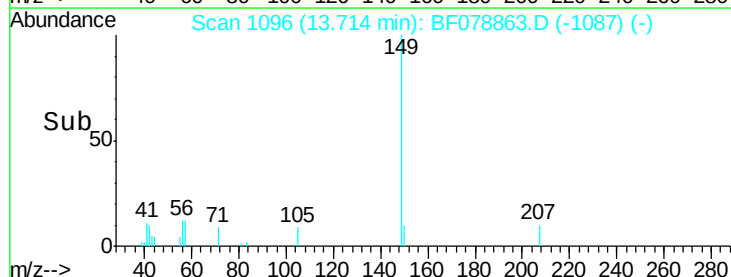
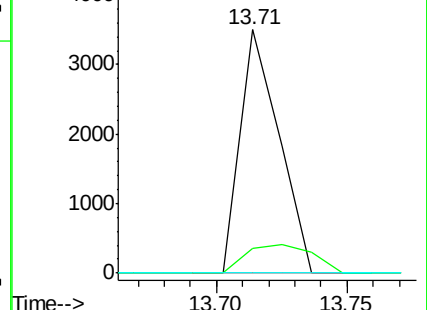
104 0.0 4.6 7.0#

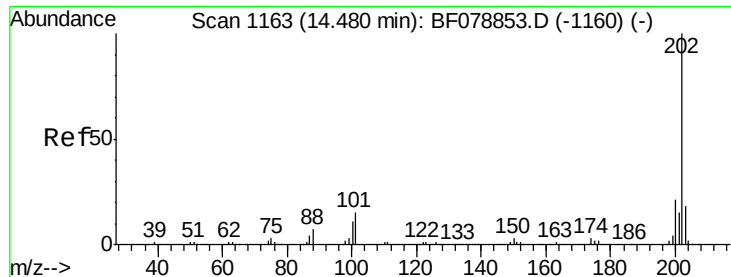


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

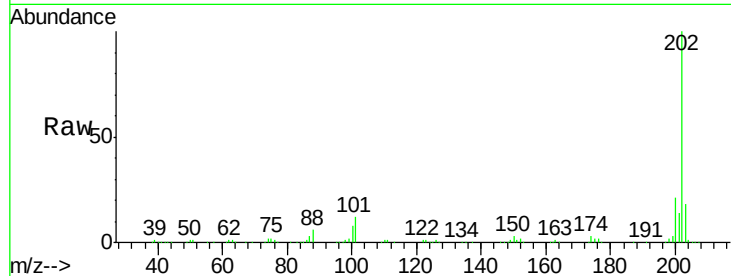




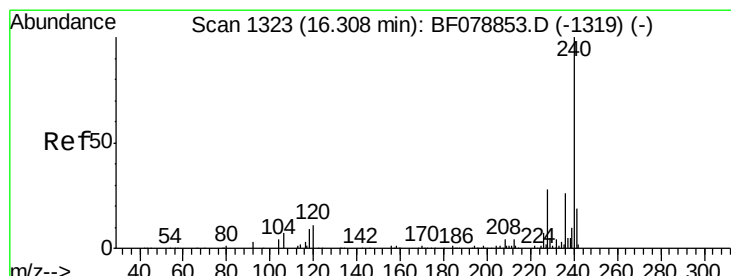
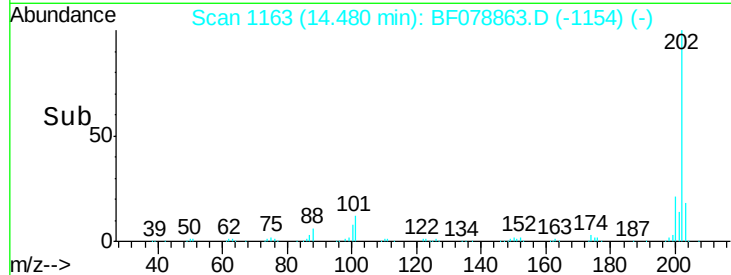
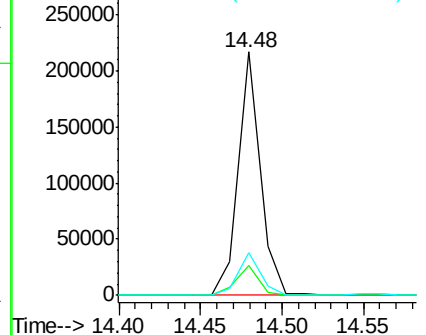
#74
 Fluoranthene
 Concen: 10.97 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-59S

Tgt Ion:	202	Resp:	201457
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	17.6	0.0	38.4

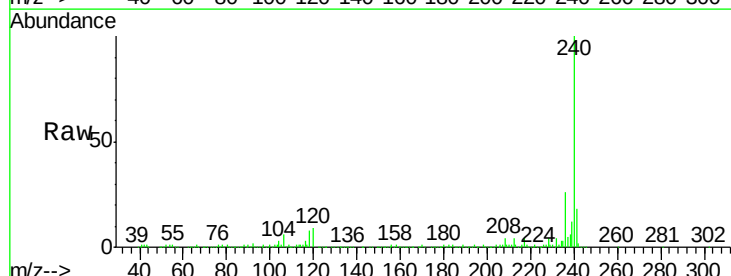


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

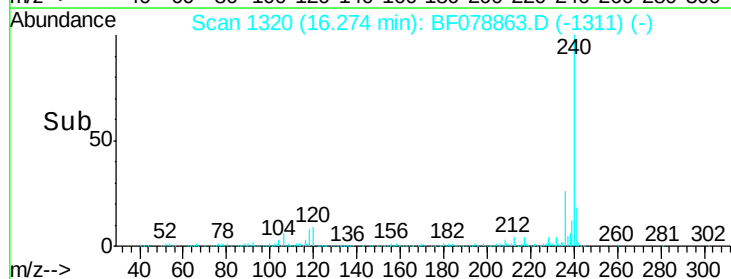
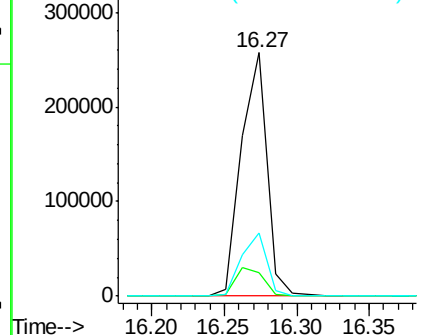


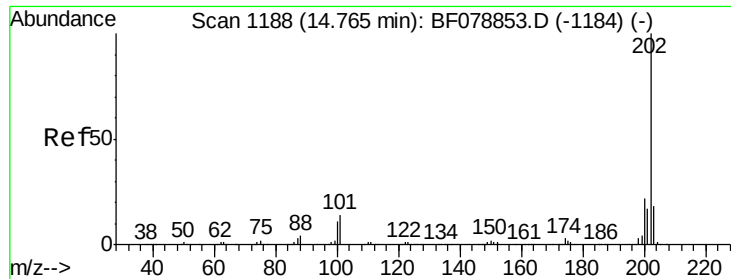
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF078863.D
 Acq: 30 Apr 2015 22:44

Tgt Ion:	240	Resp:	316647
Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.7	14.5#
236	25.7	20.2	30.4



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: 10.97 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

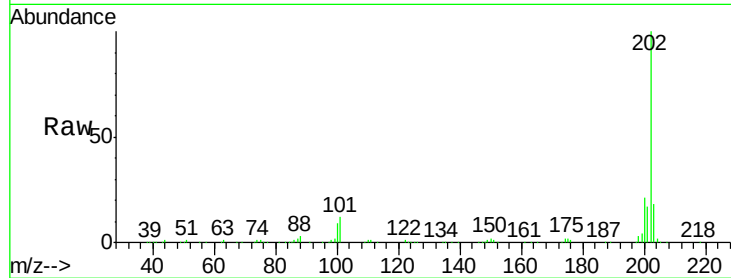
Tgt Ion:202 Resp: 200131

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

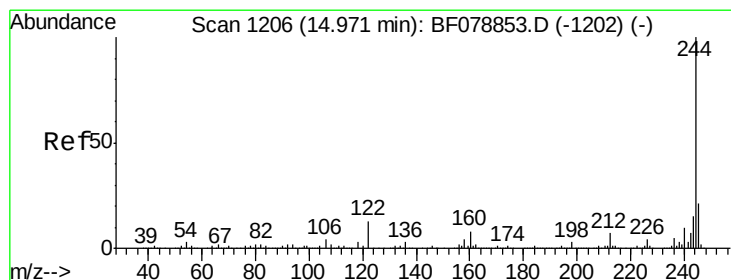
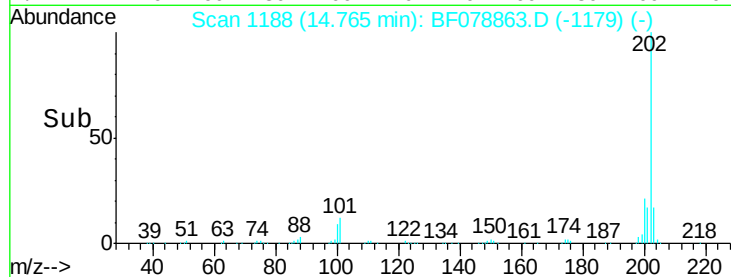
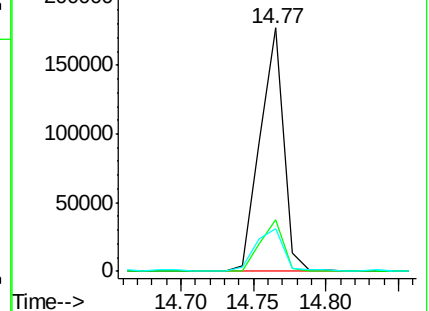
203 17.6 13.9 20.9



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: 30.06 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

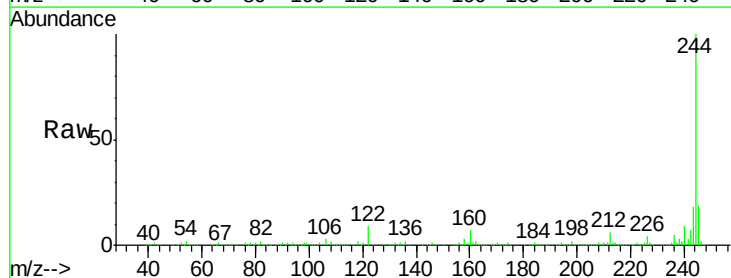
Tgt Ion:244 Resp: 397615

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

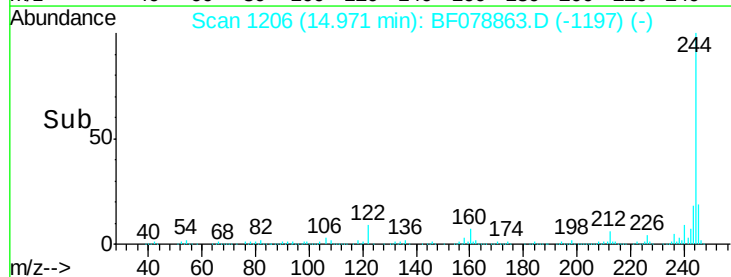
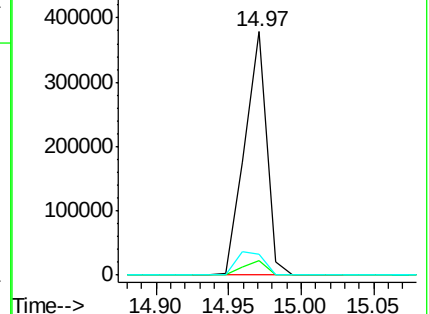
122 8.5 10.3 15.5#

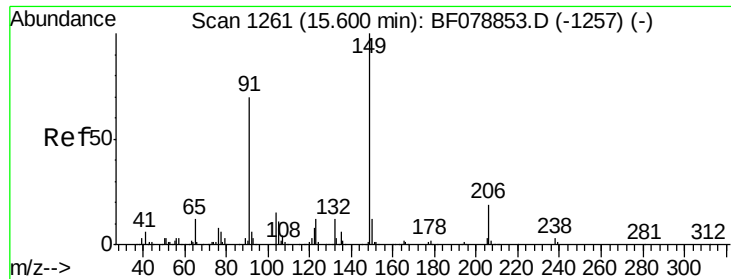


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.12 ng

RT: 15.59 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

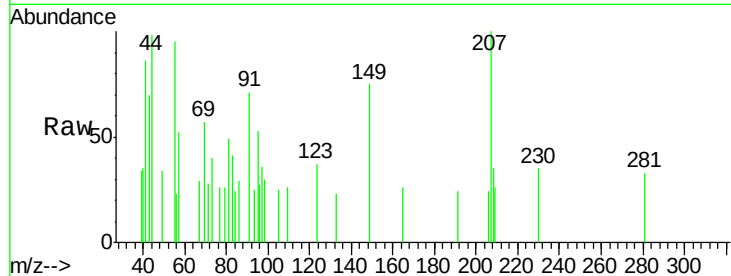
Tgt Ion:149 Resp: 994

Ion Ratio Lower Upper

149 100

91 94.6 64.6 97.0

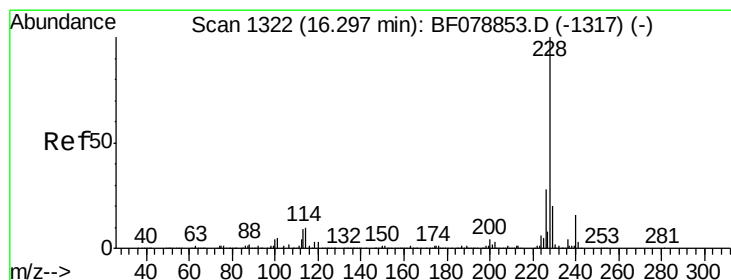
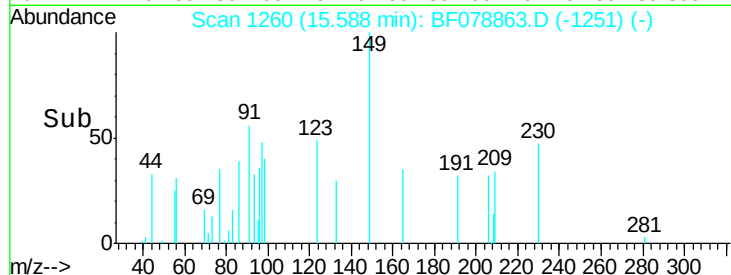
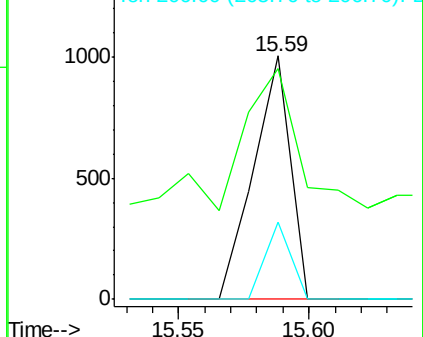
206 32.0 12.2 18.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 5.68 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

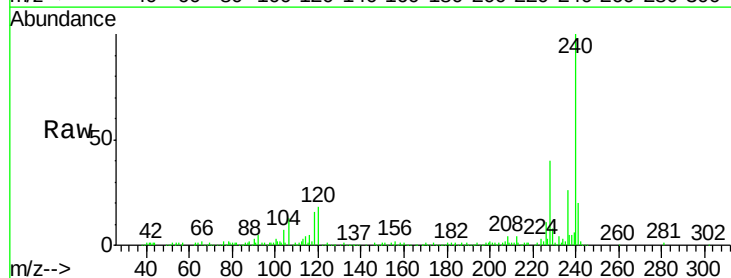
Tgt Ion:228 Resp: 98446

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

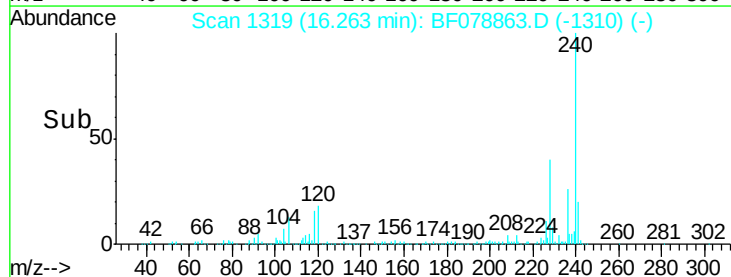
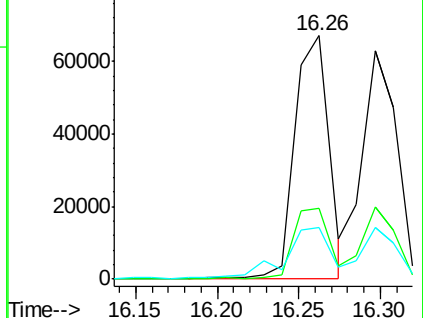
229 20.9 15.9 23.9

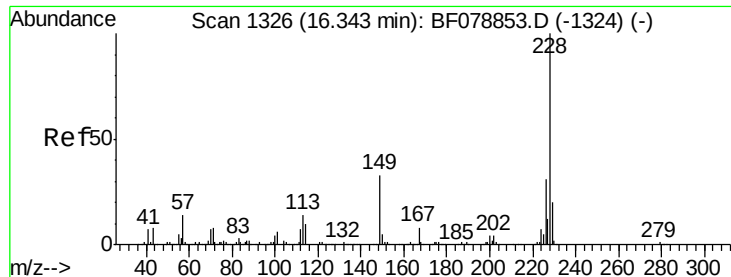


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 5.52 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

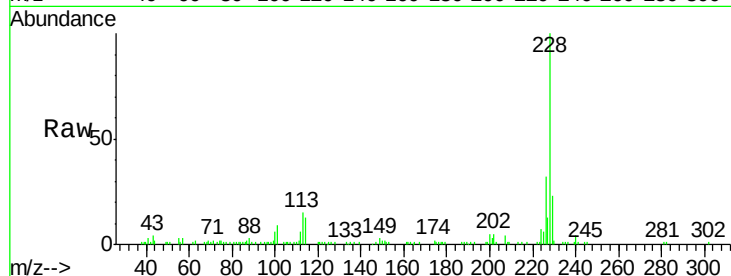
Tgt Ion:228 Resp: 92041

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

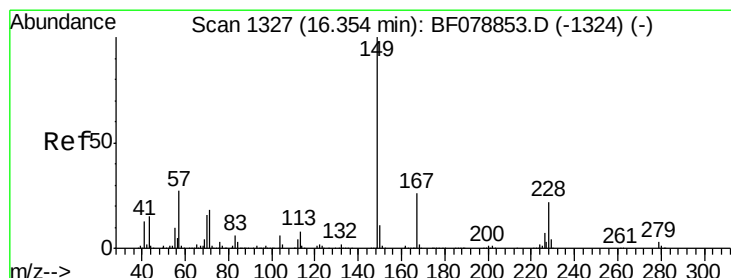
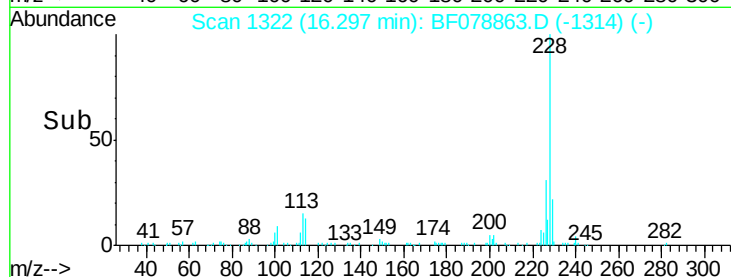
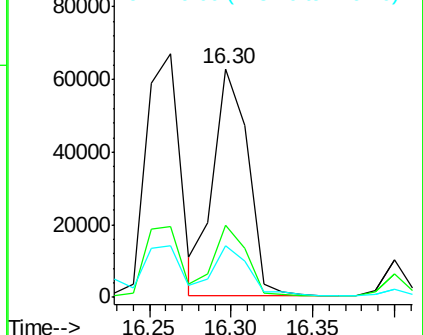
229 22.7 16.0 24.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.16 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

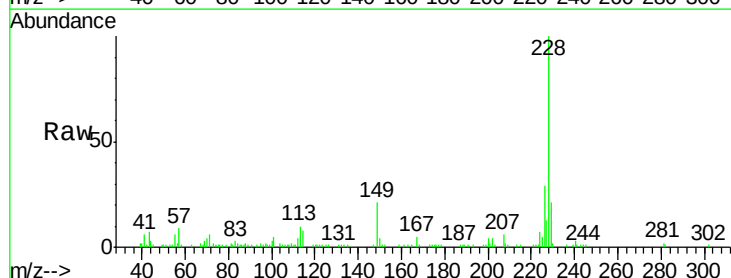
Tgt Ion:149 Resp: 14048

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.8

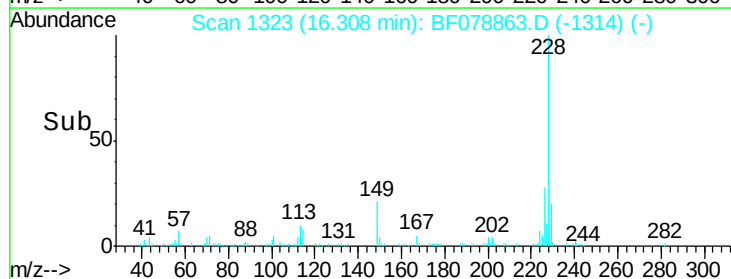
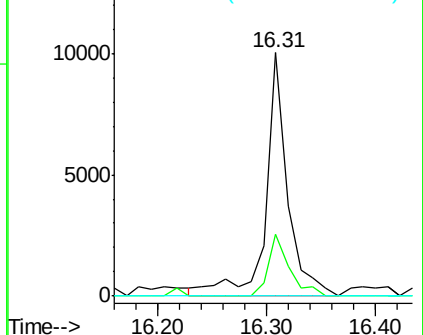
279 0.0 2.9 4.3#

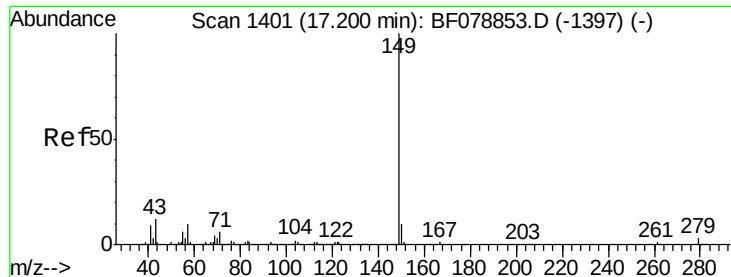


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

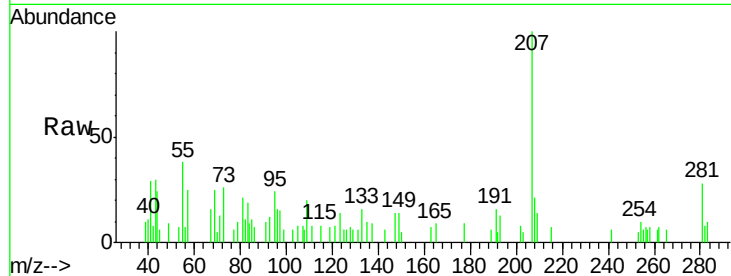




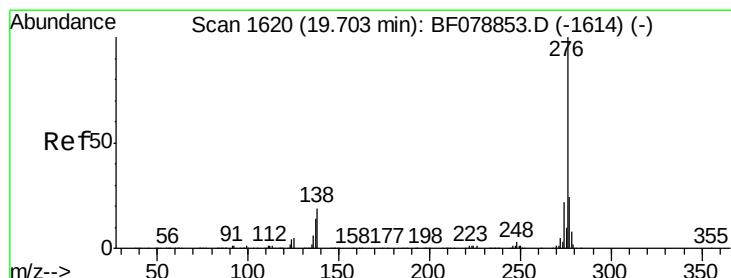
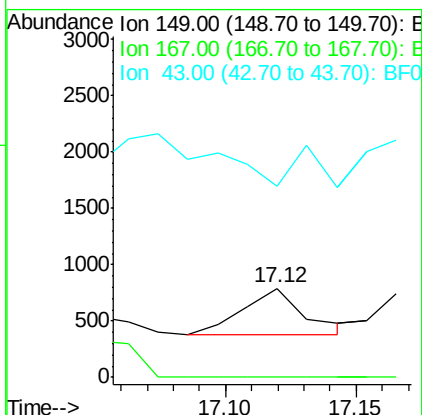
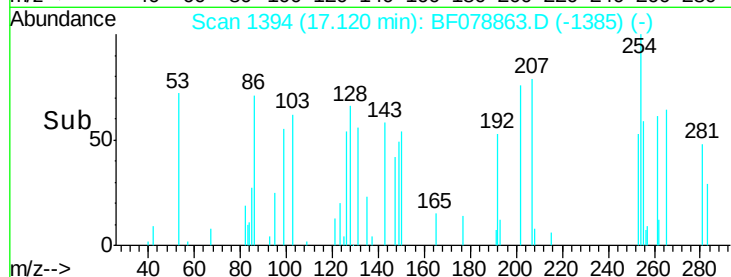
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Instrument :
BNA_F
ClientSampleId :
SB-59S

Tgt Ion:149 Resp: 676
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
43 0.0 0.0 0.0

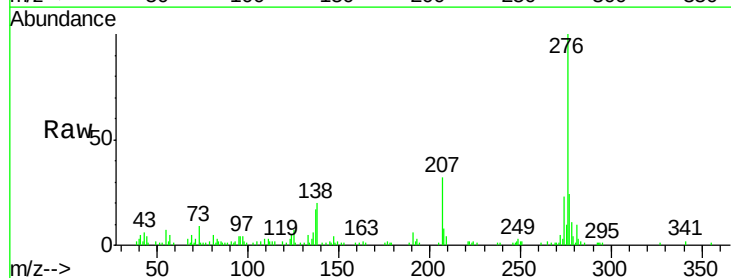


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

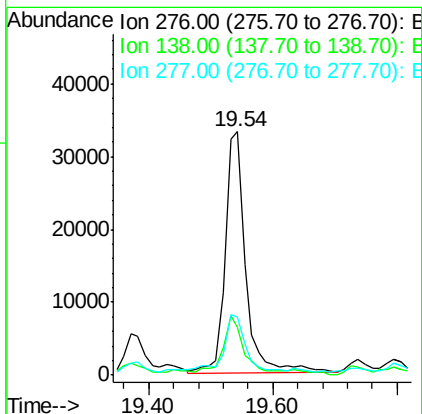
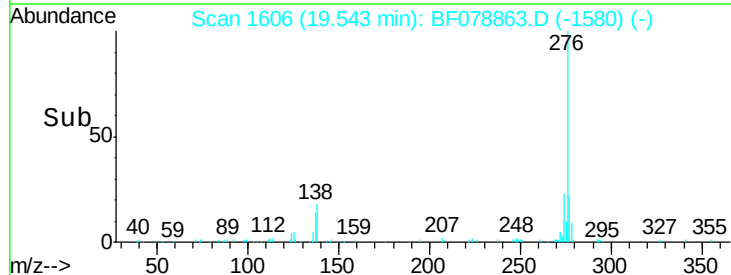


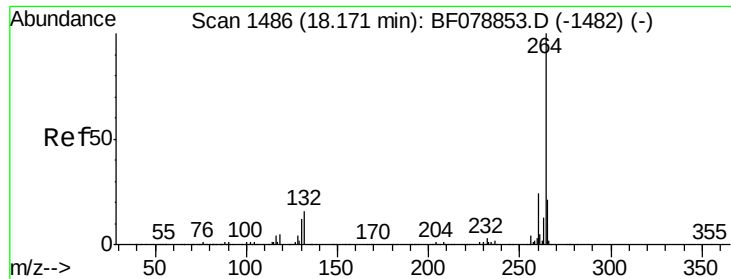
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.56 ng
RT: 19.54 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion:276 Resp: 75659
Ion Ratio Lower Upper
276 100
138 21.3 0.0 0.0#
277 29.6 0.0 0.0#



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

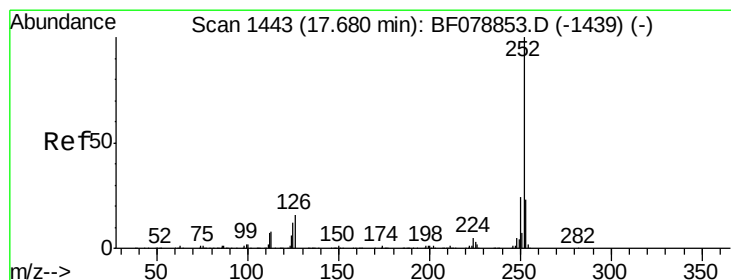
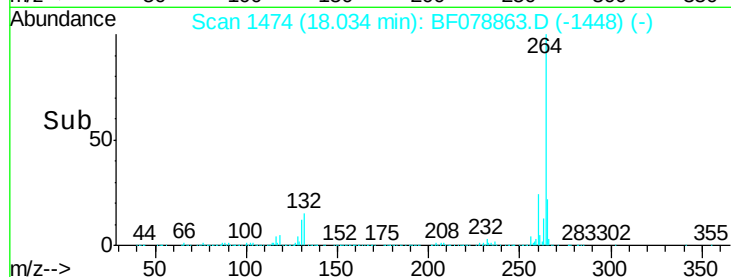
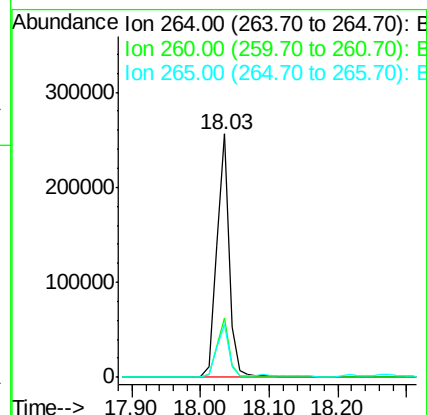
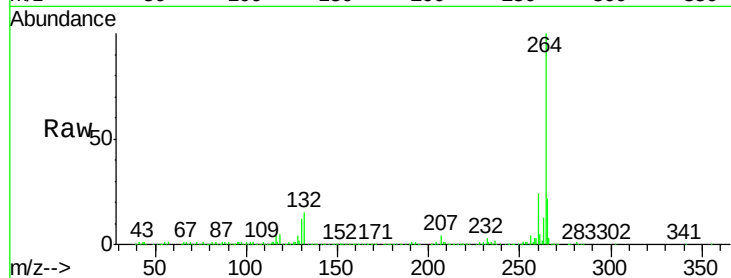




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

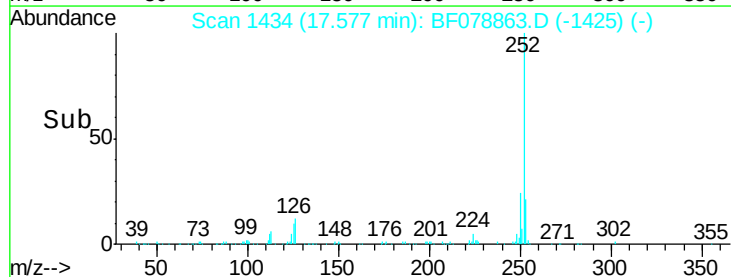
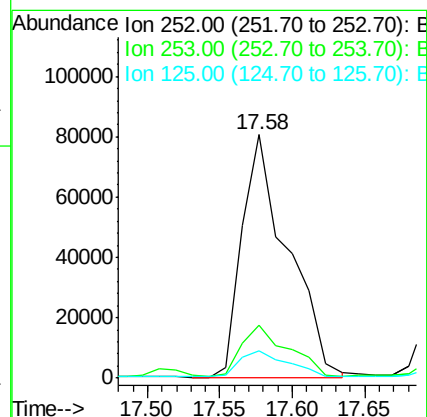
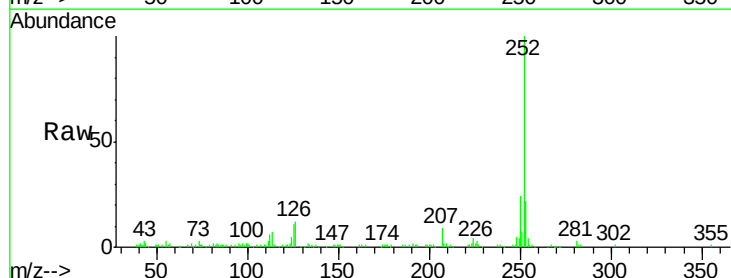
Instrument :
BNA_F
ClientSampleId :
SB-59S

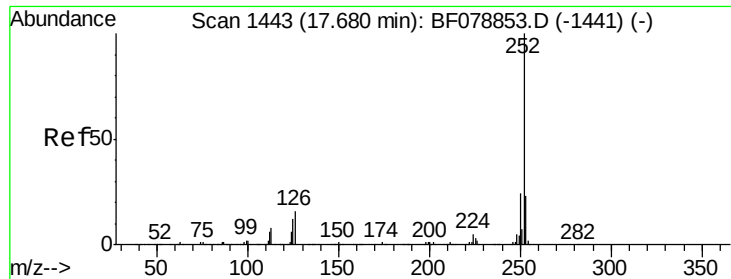
Tgt Ion:264 Resp: 330212
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.0 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 9.70 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion:252 Resp: 175238
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.0 9.5 14.3

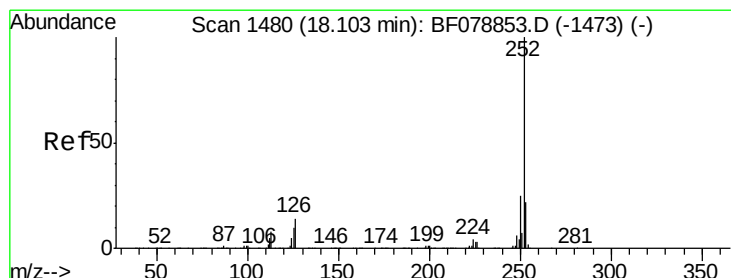
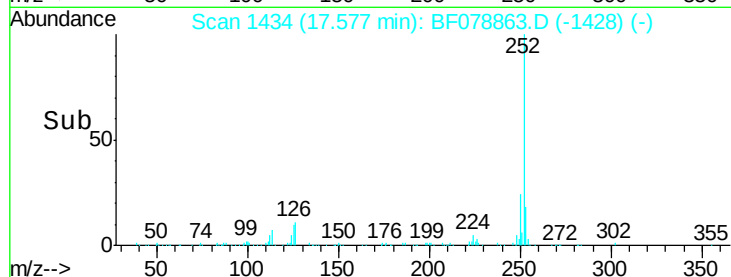
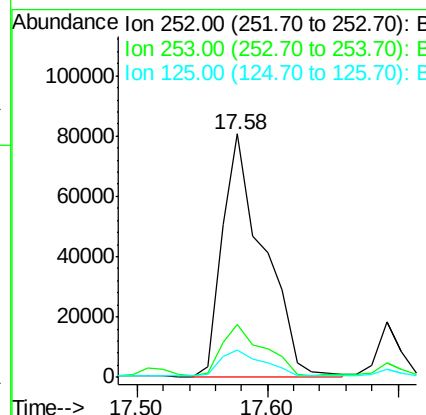
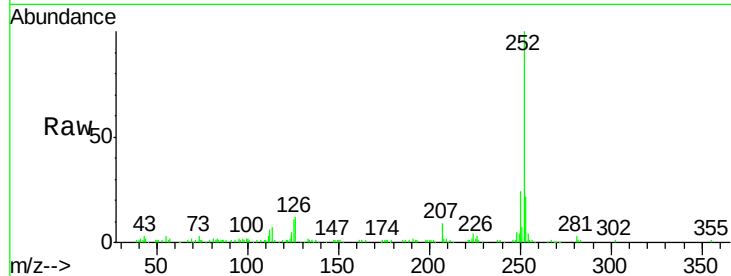




#88
Benzo(k)fluoranthene
Concen: 10.23 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

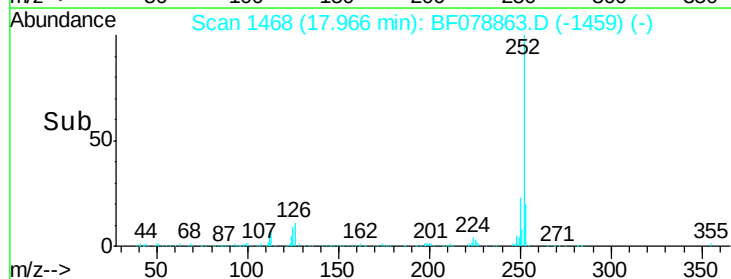
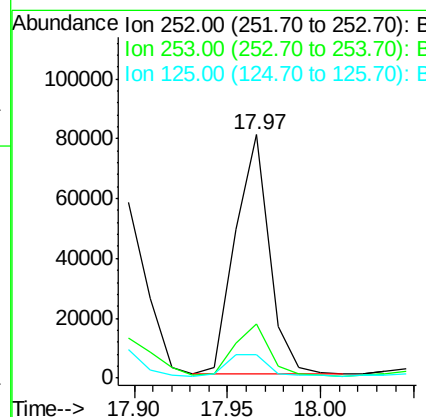
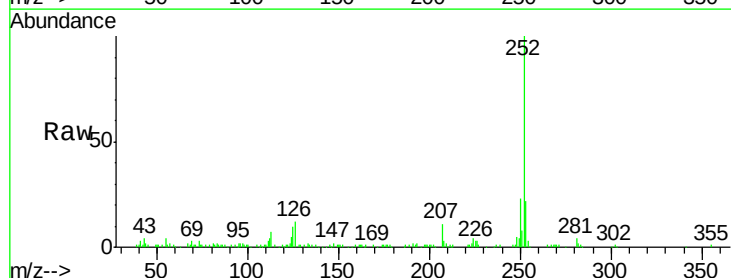
Instrument :
BNA_F
ClientSampleID :
SB-59S

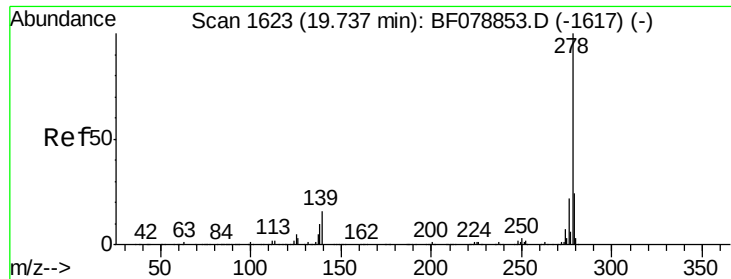
Tgt Ion:252 Resp: 178995
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 11.0 10.0 15.0



#89
Benzo(a)pyrene
Concen: 6.16 ng
RT: 17.97 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF078863.D
Acq: 30 Apr 2015 22:44

Tgt Ion:252 Resp: 102482
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.8 7.0 10.6





#90

Dibenzo(a,h)anthracene

Concen: 0.75 ng

RT: 19.55 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

Instrument :

BNA_F

ClientSampleId :

SB-59S

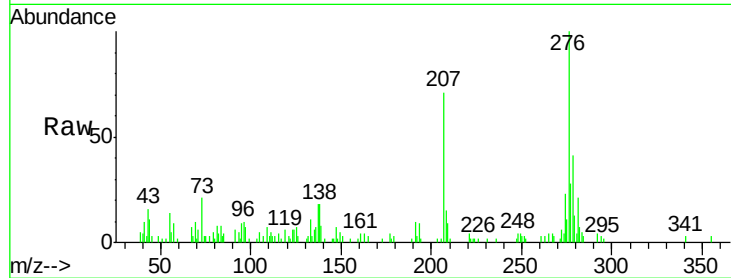
Tgt Ion: 278 Resp: 13191

Ion Ratio Lower Upper

278 100

139 19.9 12.8 19.2#

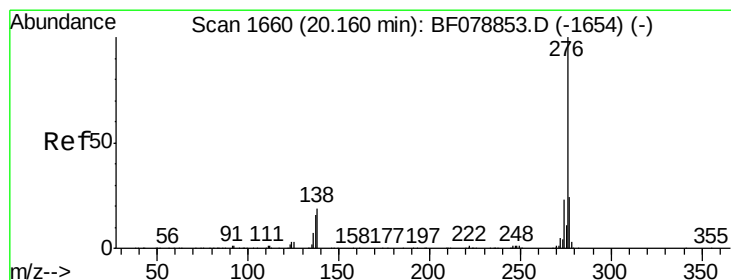
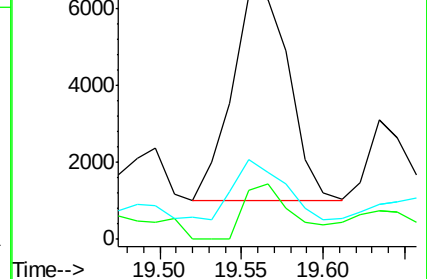
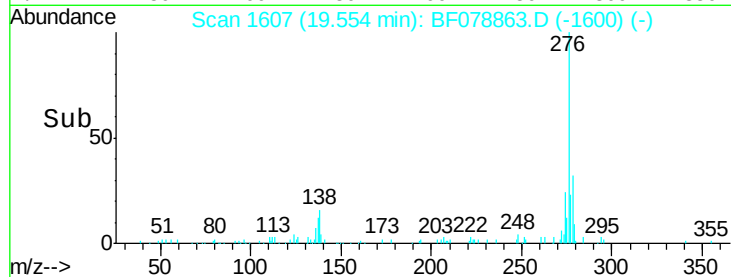
279 32.5 19.6 29.4#



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: 4.14 ng

RT: 19.99 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF078863.D

Acq: 30 Apr 2015 22:44

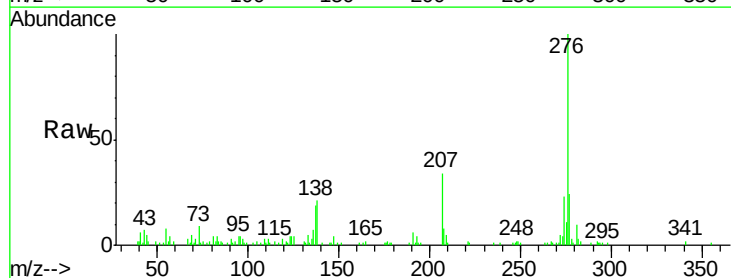
Tgt Ion: 276 Resp: 73317

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 21.0 17.4 26.0



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

