

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078230.D
 Acq On : 3 Apr 2015 7:26
 Operator : TP/IZ
 Sample : G1600-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Quant Time: Apr 03 07:08:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	49014	20.00	ng	0.01
21) Naphthalene-d8	8.60	136	181118	20.00	ng	0.01
38) Acenaphthene-d10	10.77	164	82591	20.00	ng	0.01
63) Phenanthrene-d10	12.60	188	172793	20.00	ng	0.01
75) Chrysene-d12	15.86	240	207616	20.00	ng	-0.02
86) Perylene-d12	17.56	264	202449	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	125962	42.37	ng	0.01
7) Phenol-d6	6.61	99	158131	42.45	ng	0.01
23) Nitrobenzene-d5	7.72	82	111091	37.18	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	29150	42.56	ng	0.01
44) 2-Fluorobiphenyl	9.95	172	197641	34.21	ng	0.01
78) Terphenyl-d14	14.59	244	222826	24.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	16826	6.81	ng	# 1
15) Benzyl Alcohol	7.21	79	8356	3.19	ng	# 58
18) Hexachloroethane	7.61	117	39373	30.04	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	17937	7.30	ng	# 43
22) Acetophenone	7.52	105	240400	56.97	ng	# 63
24) Nitrobenzene	7.69	77	44662	14.30	ng	# 16
25) Isophorone	8.01	82	33596	5.92	ng	# 1
26) 2-Nitrophenol	8.17	139	5075	3.41	ng	# 1
28) bis(2-Chloroethoxy)methane	8.34	93	9869	2.71	ng	# 1
29) 2,4-Dichlorophenol	8.42	162	7302	2.90	ng	# 1
31) Naphthalene	8.62	128	628028	66.62	ng	# 97
32) Benzoic acid	8.35	122	7038	10.55	ng	# 1
35) Caprolactam	9.17	113	56031	74.54	ng	# 1
37) 2-Methylnaphthalene	9.49	142	1238322	193.48	ng	# 95
42) 2,4,6-Trichlorophenol	9.86	196	3526	2.18	ng	# 13
45) 1,1'-Biphenyl	10.06	154	279381	41.36	ng	# 96
47) 2-Nitroaniline	10.18	65	7213	5.48	ng	# 54
48) Acenaphthylene	10.60	152	34942	4.07	ng	# 1
50) 2,6-Dinitrotoluene	10.53	165	3554	2.78	ng	# 78
51) Acenaphthene	10.81	154	46635	9.65	ng	# 93
52) 3-Nitroaniline	10.74	138	3062	2.11	ng	# 59
53) 2,4-Dinitrophenol	10.88	184	579	9.30	ng	# 1
54) Dibenzofuran	11.02	168	83981	11.38	ng	# 70
55) 4-Nitrophenol	10.97	139	8238	10.21	ng	# 30
56) 2,4-Dinitrotoluene	11.04	165	39625	23.97	ng	# 54
57) Fluorene	11.45	166	144868	24.21	ng	# 87
62) Azobenzene	11.65	77	14859	2.72	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.56	198	2058	10.53	ng	# 1
65) n-Nitrosodiphenylamine	11.61	169	210710	35.25	ng	# 42
68) Atrazine	12.28	200	4662	2.69	ng	# 15
70) Phenanthrene	12.64	178	511636	51.19	ng	# 98
71) Anthracene	12.64	178	499312	50.70	ng	# 97
74) Fluoranthene	14.10	202	32659	3.10	ng	# 90
77) Pyrene	14.37	202	106634	8.18	ng	# 88

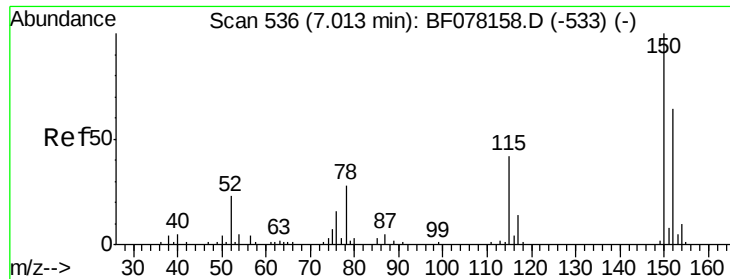
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

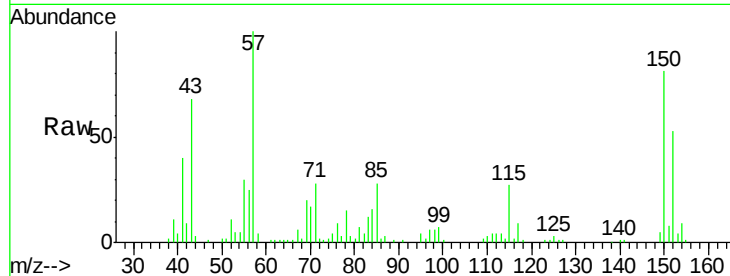


#1

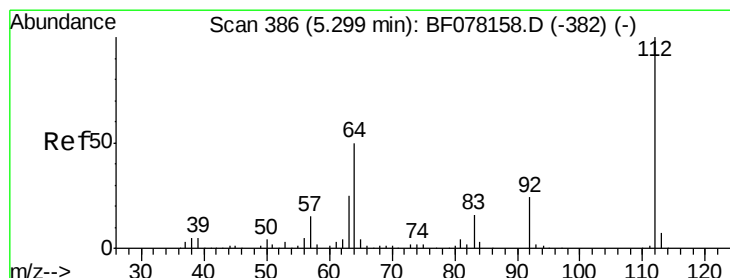
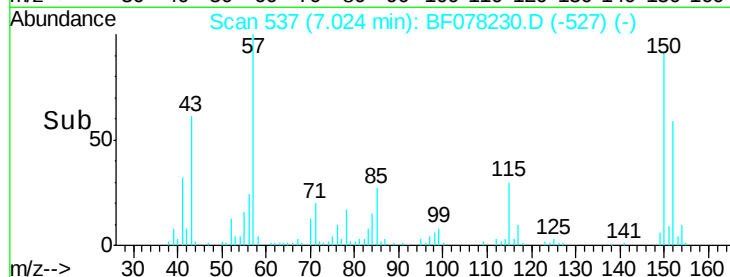
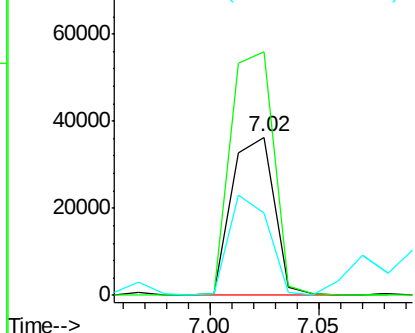
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

Tgt Ion:152 Resp: 49014
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 51.9 52.7 79.1#



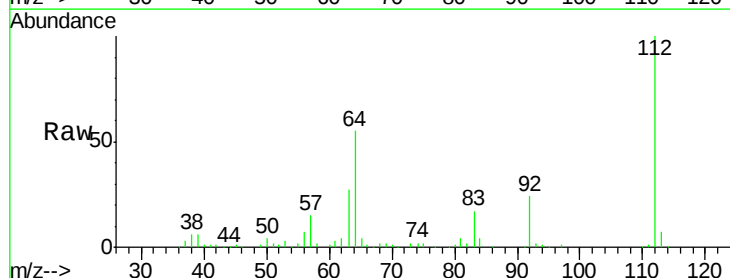
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



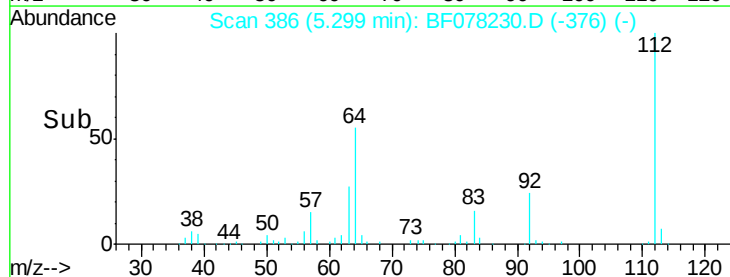
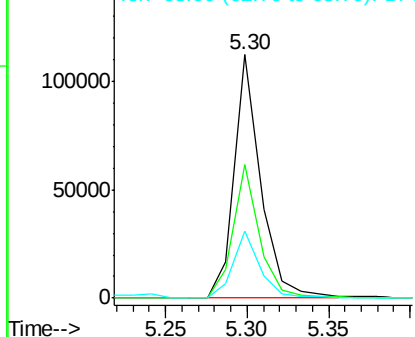
#5

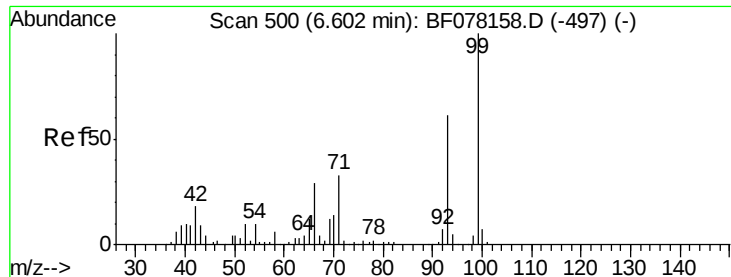
2-Fluorophenol
Concen: 42.37 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Tgt Ion:112 Resp: 125962
Ion Ratio Lower Upper
112 100
64 54.7 39.9 59.9
63 27.3 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: 42.45 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampled :

S-A-3(J)

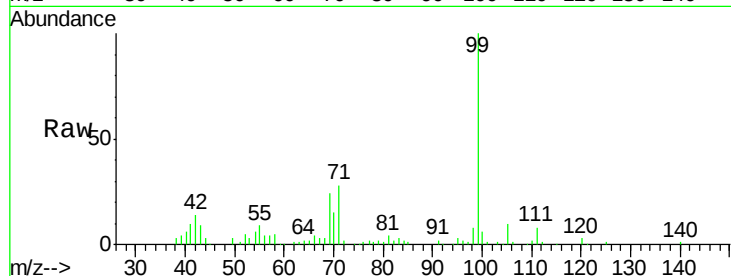
Tgt Ion: 99 Resp: 158131

Ion Ratio Lower Upper

99 100

42 13.6 14.8 22.2#

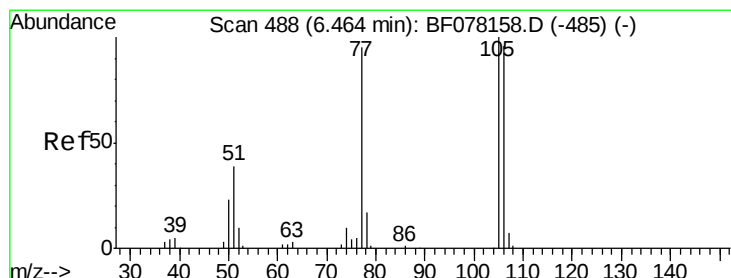
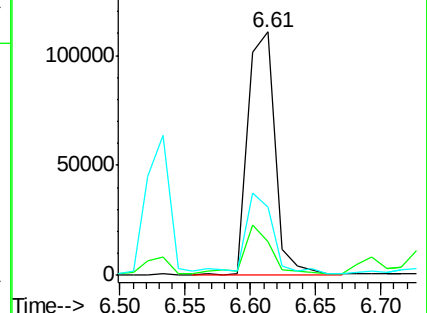
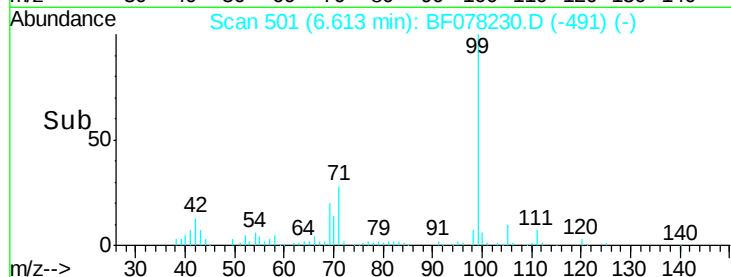
71 28.3 26.6 39.8



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: 6.81 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

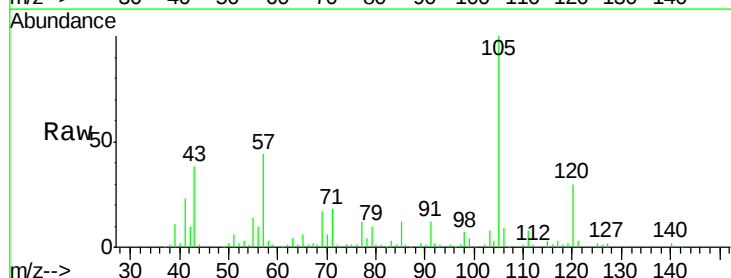
Tgt Ion: 77 Resp: 16826

Ion Ratio Lower Upper

77 100

105 811.4 85.4 125.4#

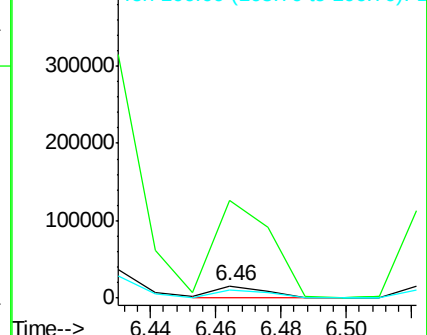
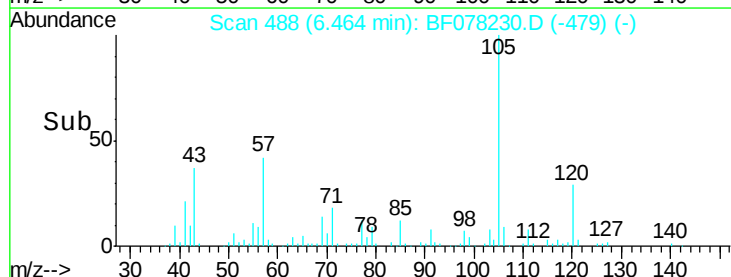
106 70.3 80.8 120.8#

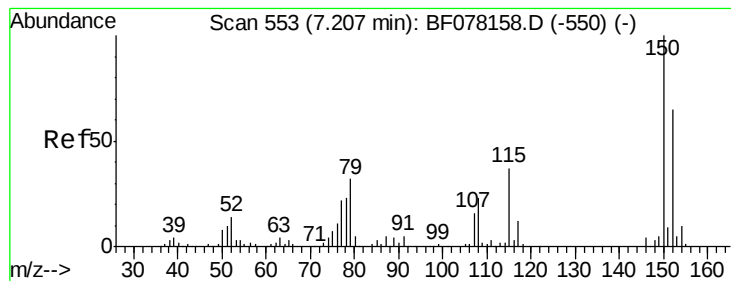


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.19 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

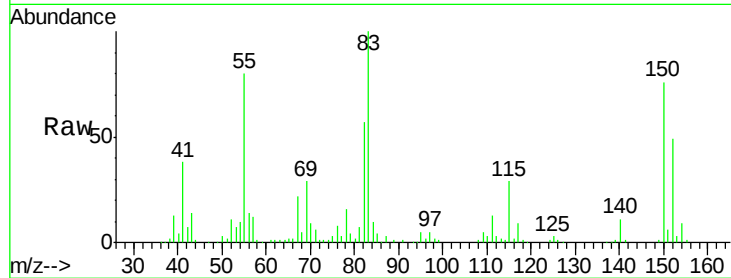
Tgt Ion: 79 Resp: 8356

Ion Ratio Lower Upper

79 100

108 15.2 57.6 86.4#

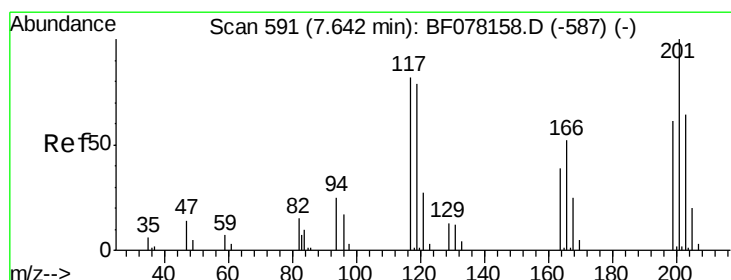
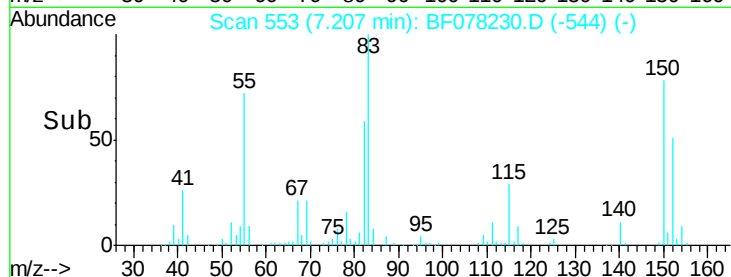
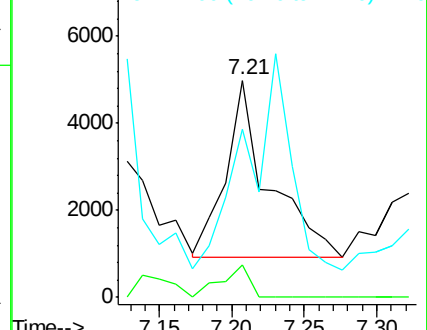
77 77.6 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 30.04 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.03 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

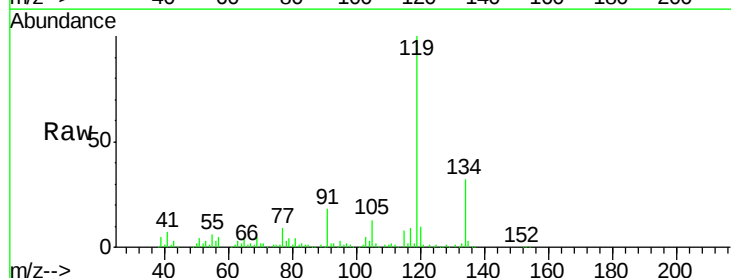
Tgt Ion: 117 Resp: 39373

Ion Ratio Lower Upper

117 100

119 1148.1 77.0 115.6#

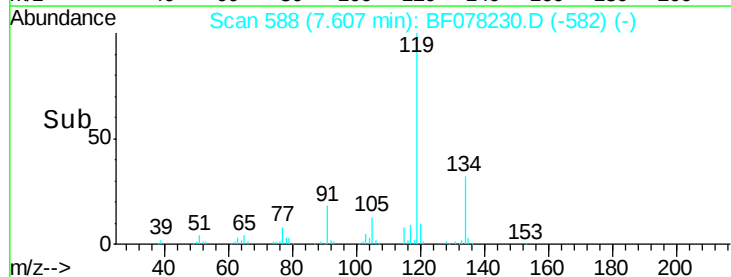
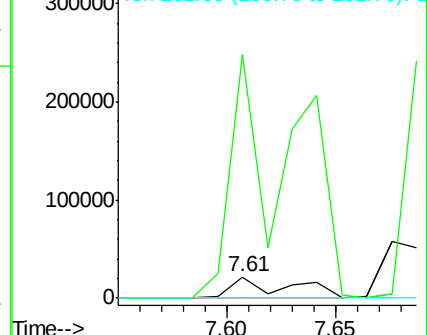
201 0.0 98.1 147.1#

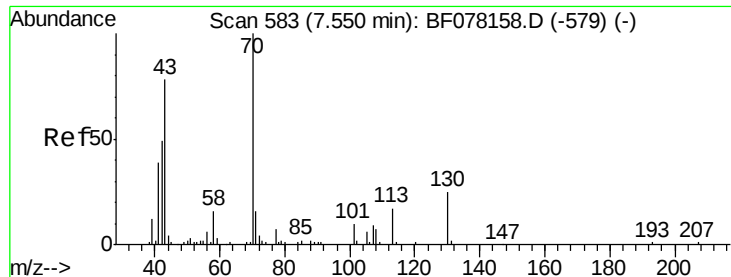


Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0

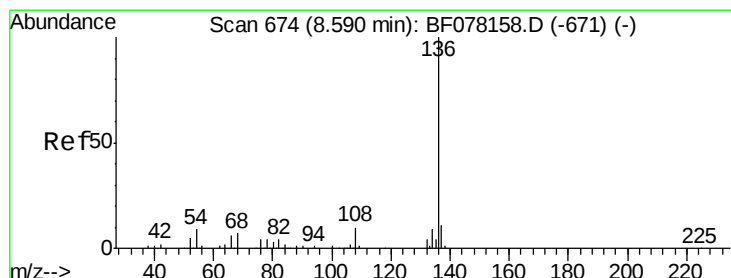
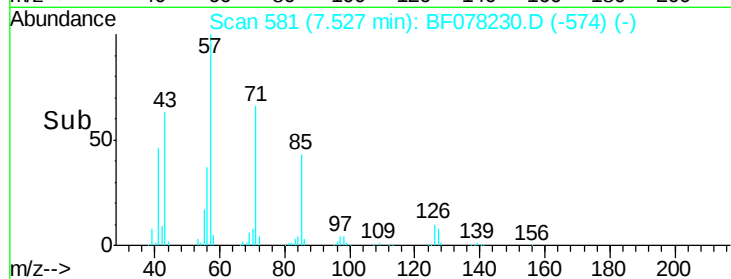
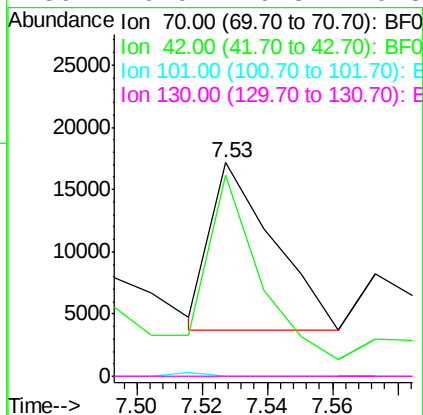
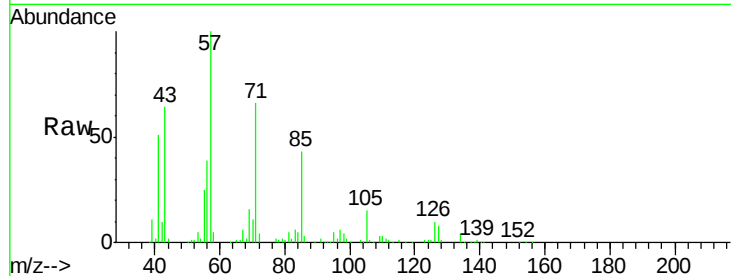




#19
n-Nitroso-di-n-propylamine
Concen: 7.30 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

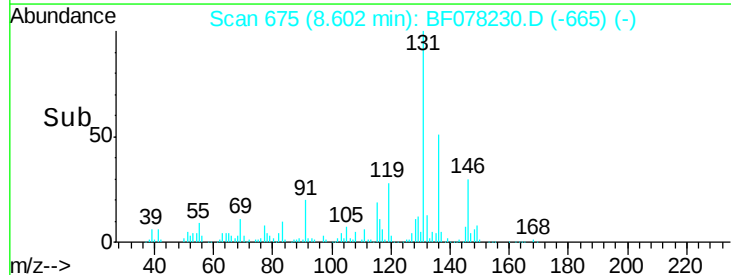
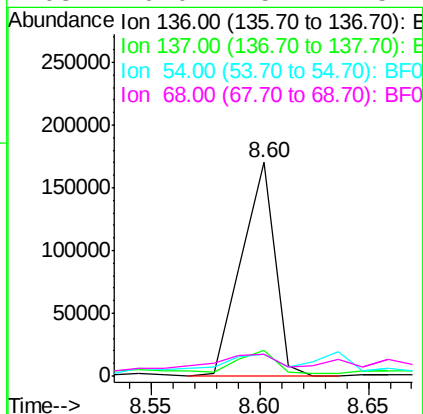
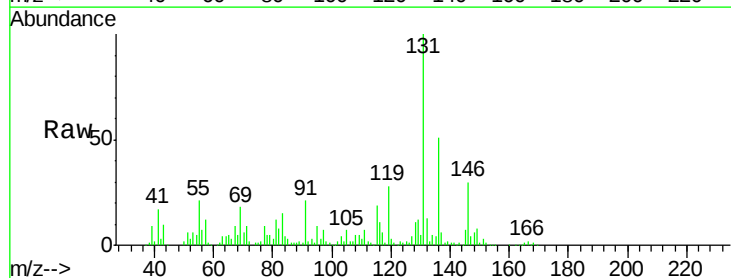
Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

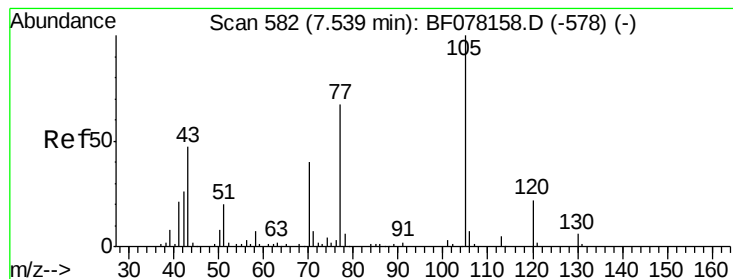
Tgt Ion:	70	Resp:	17937
Ion	Ratio	Lower	Upper
70	100		
42	94.4	38.9	58.3#
101	0.0	8.3	12.5#
130	0.0	19.8	29.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Tgt Ion:	136	Resp:	181118
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.4
54	10.2	7.0	10.6
68	10.0	5.4	8.2#





#22

Acetophenone

Concen: 56.97 ng

RT: 7.52 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

Tgt Ion: 105 Resp: 240400

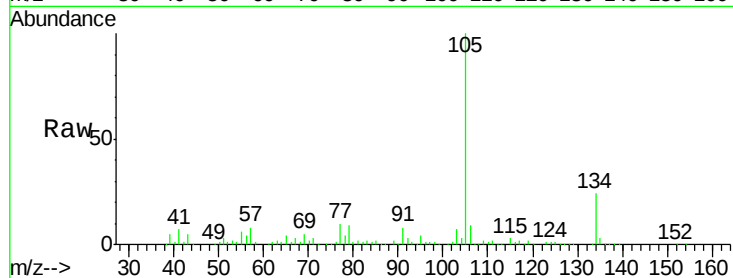
Ion Ratio Lower Upper

105 100

71 3.5 5.5 8.3#

51 3.4 16.0 24.0#

120 0.2 17.8 26.6#

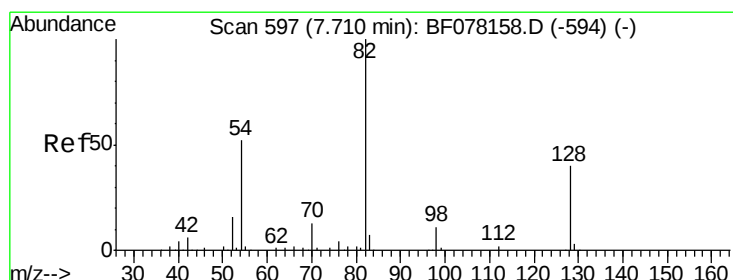
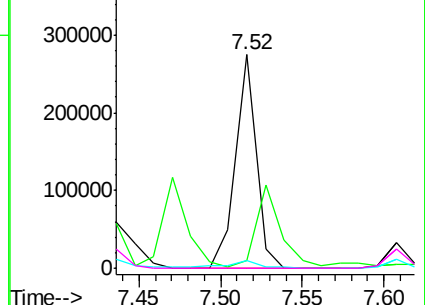
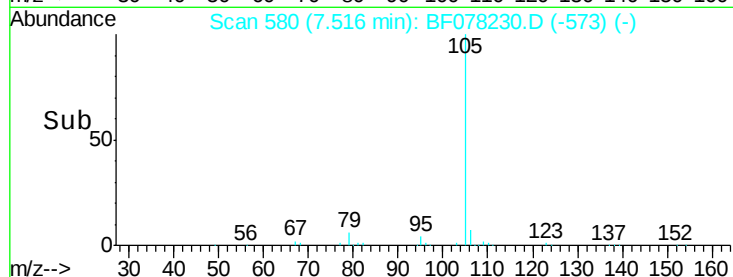


Abundance Ion 105.00 (104.70 to 105.70): E

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: 37.18 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

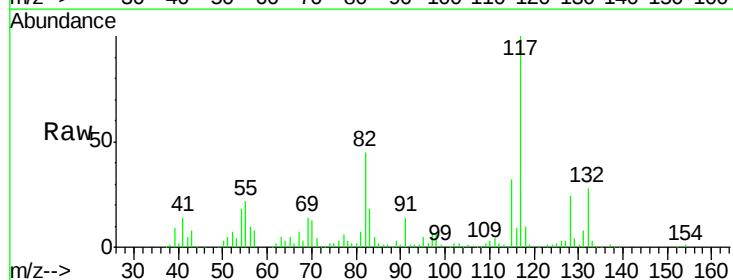
Tgt Ion: 82 Resp: 111091

Ion Ratio Lower Upper

82 100

128 52.6 31.8 47.8#

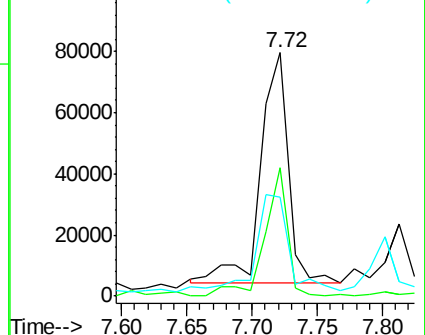
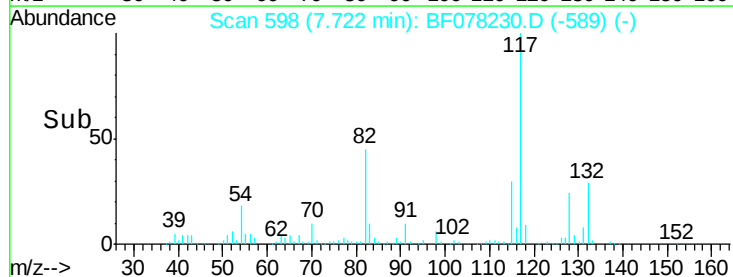
54 40.6 41.5 62.3#

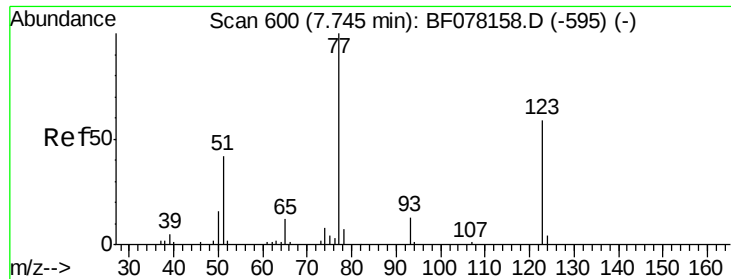


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

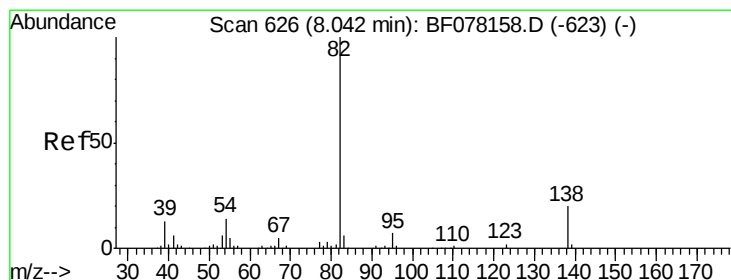
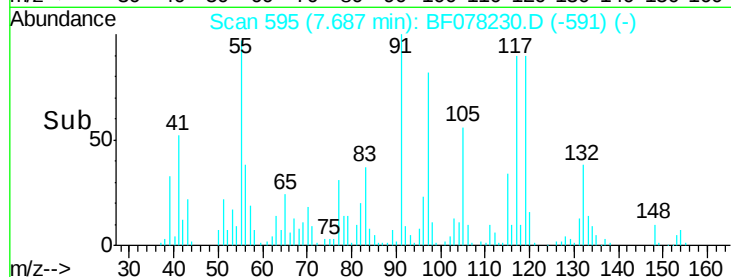
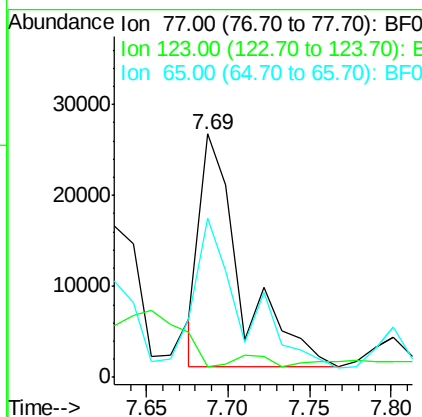
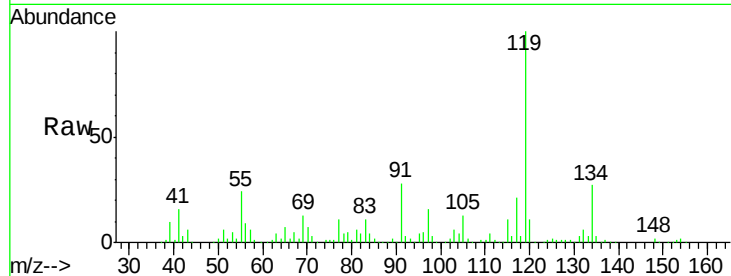




#24
 Nitrobenzene
 Concen: 14.30 ng
 RT: 7.69 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

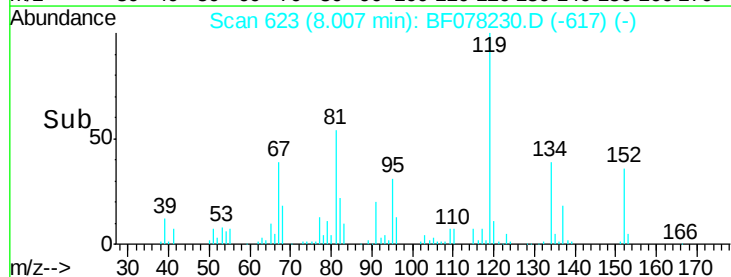
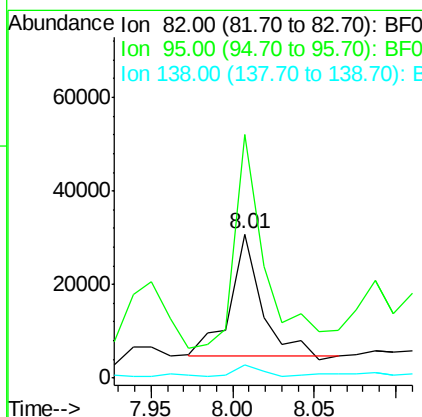
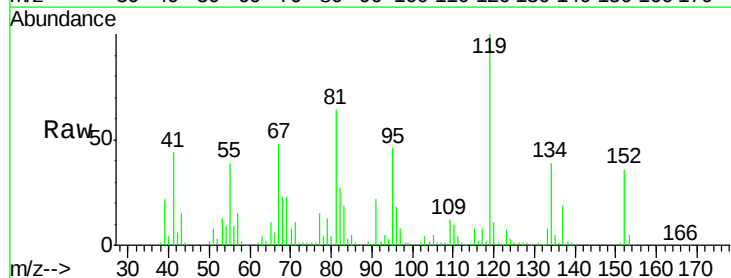
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

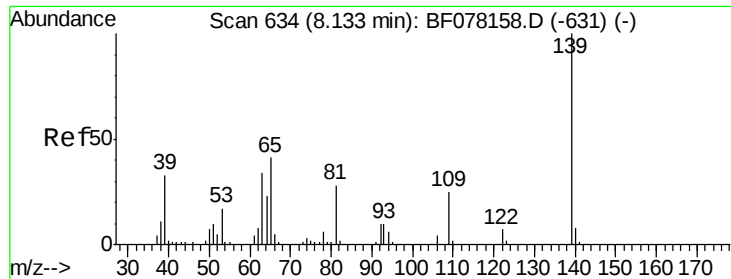
Tgt Ion: 77 Resp: 44662
 Ion Ratio Lower Upper
 77 100
 123 4.1 46.9 70.3#
 65 65.6 9.5 14.3#



#25
 Isophorone
 Concen: 5.92 ng
 RT: 8.01 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion: 82 Resp: 33596
 Ion Ratio Lower Upper
 82 100
 95 169.2 5.7 8.5#
 138 8.9 15.8 23.8#





#26

2-Nitrophenol

Concen: 3.41 ng

RT: 8.17 min Scan# 637

Delta R.T. 0.03 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampled :

S-A-3(J)

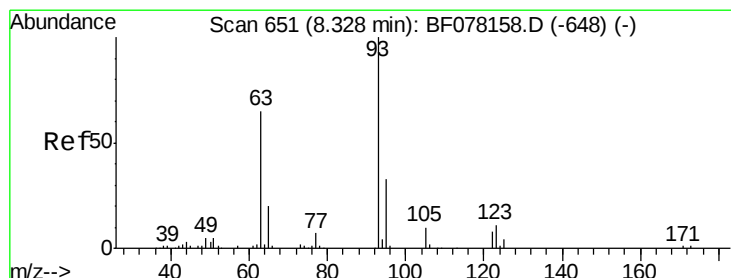
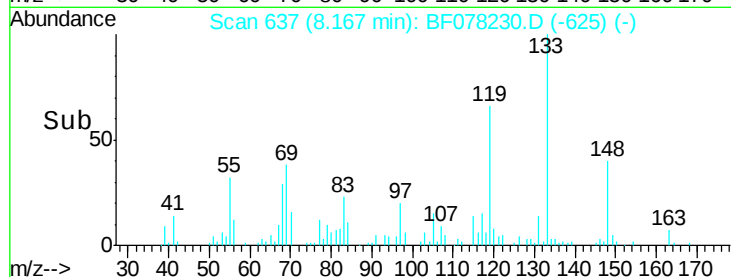
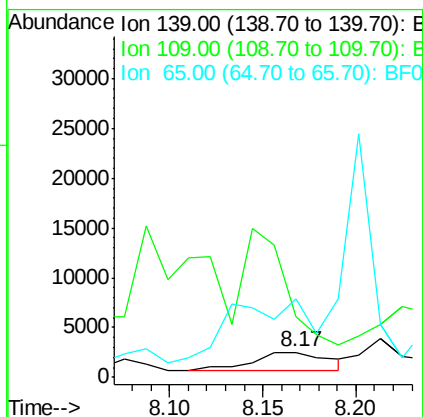
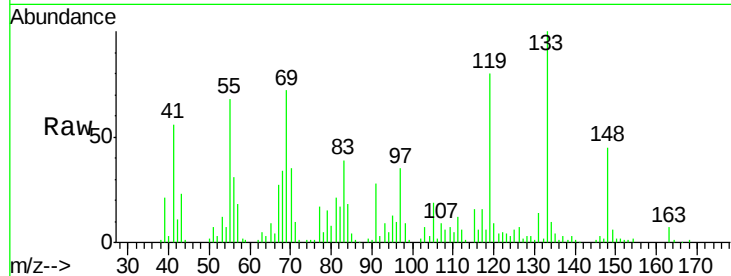
Tgt Ion: 139 Resp: 5075

Ion Ratio Lower Upper

139 100

109 238.9 19.8 29.8#

65 307.8 32.7 49.1#



#28

bis(2-Chloroethoxy)methane

Concen: 2.71 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

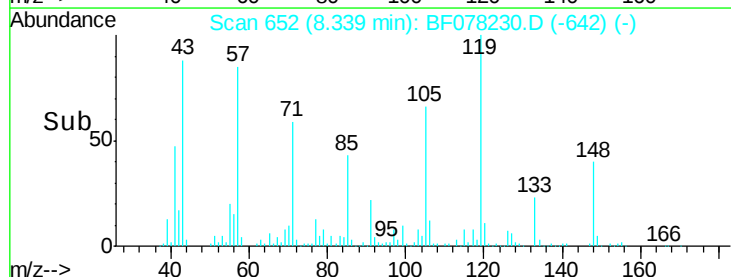
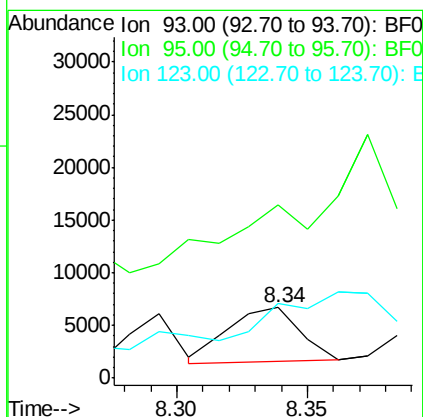
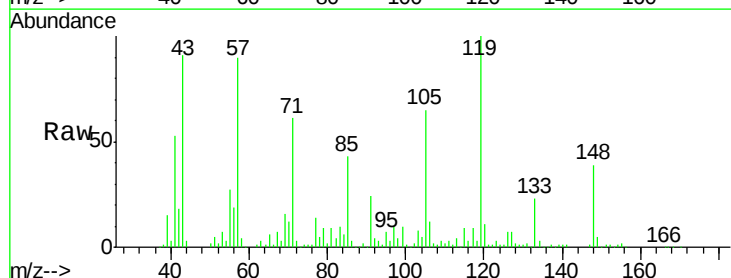
Tgt Ion: 93 Resp: 9869

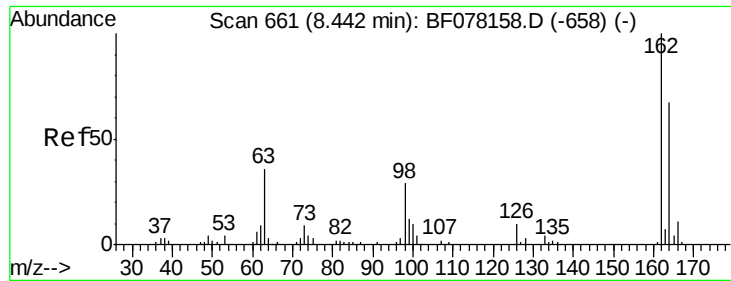
Ion Ratio Lower Upper

93 100

95 247.0 26.3 39.5#

123 106.0 9.1 13.7#

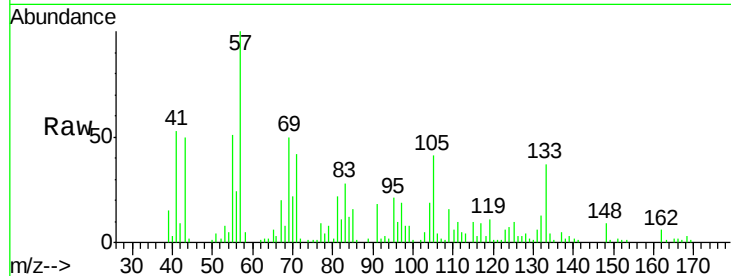




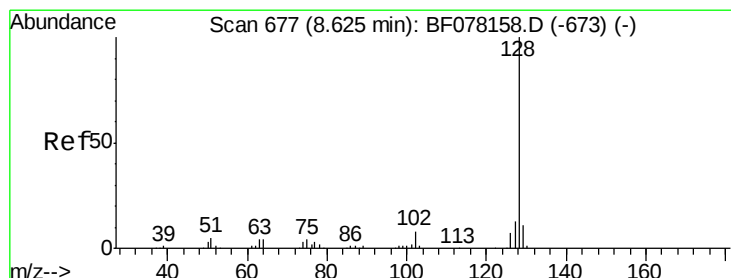
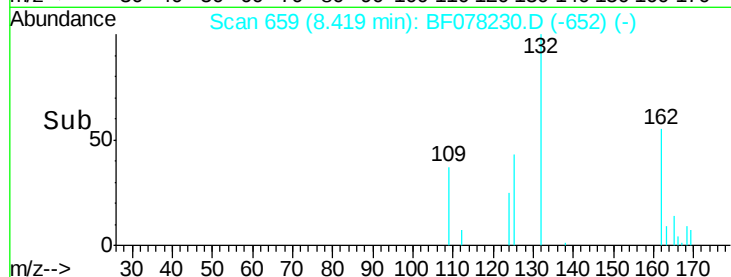
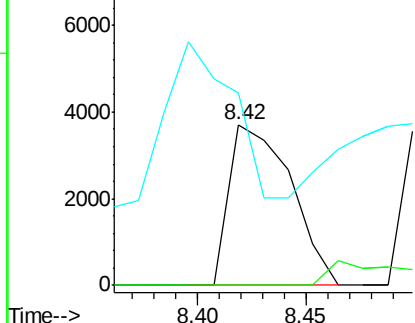
#29
2,4-Dichlorophenol
Concen: 2.90 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

Tgt Ion:162 Resp: 7302
Ion Ratio Lower Upper
162 100
164 0.0 47.0 87.0#
98 119.9 9.2 49.2#

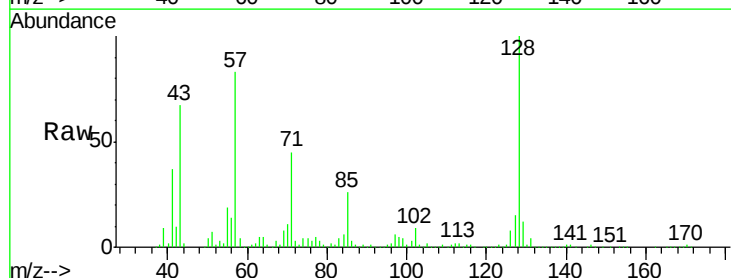


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

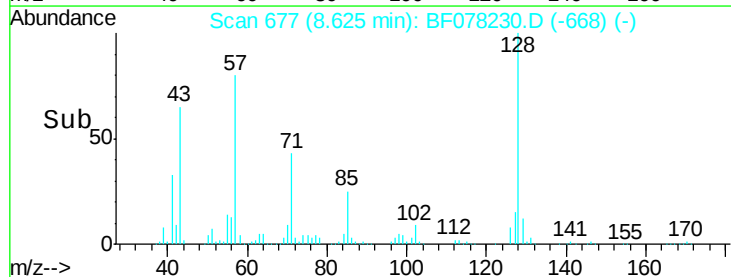
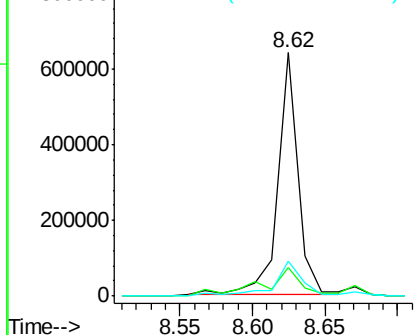


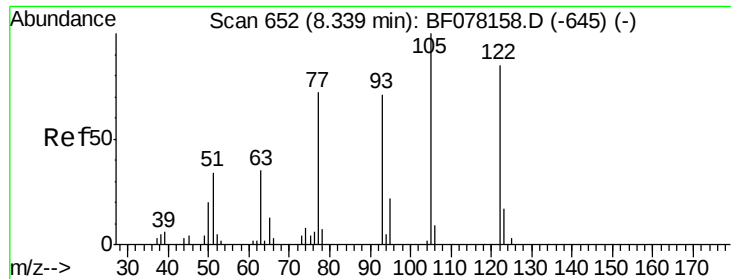
#31
Naphthalene
Concen: 66.62 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Tgt Ion:128 Resp: 628028
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.6 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

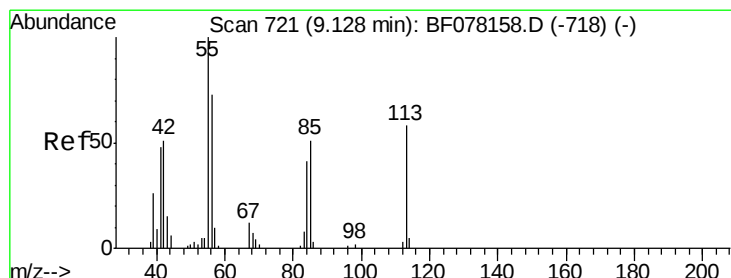
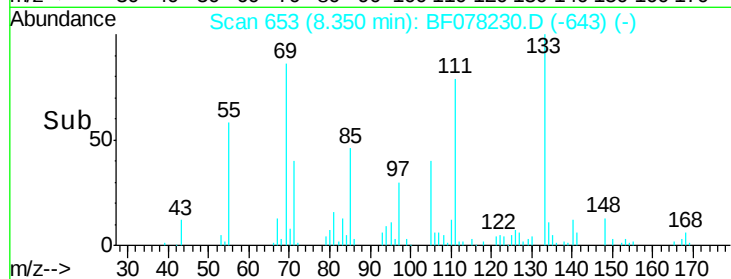
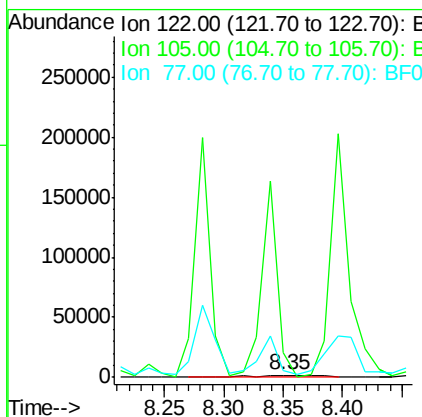
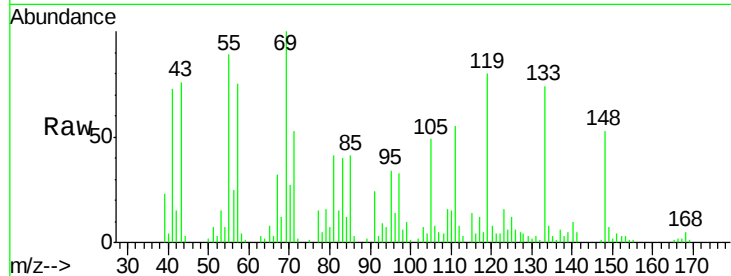




#32
Benzoic acid
Concen: 10.55 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

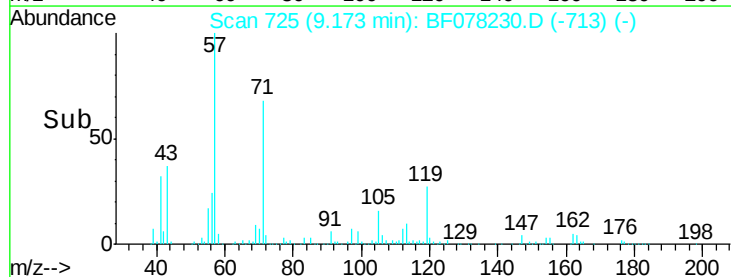
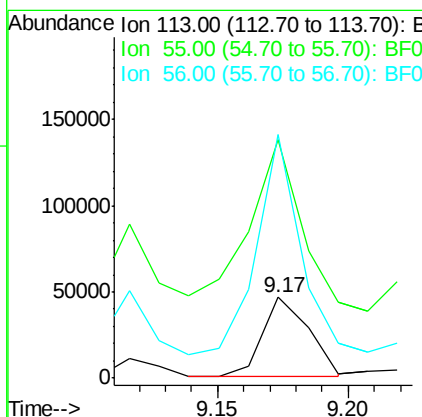
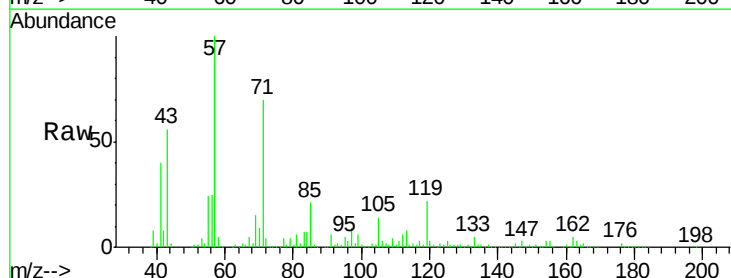
Instrument :
BNA_F
ClientSampled :
S-A-3(J)

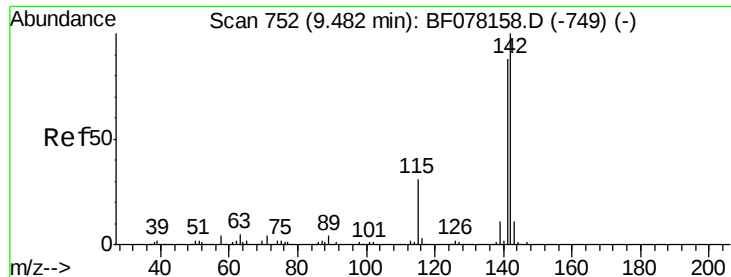
Tgt Ion:122 Resp: 7038
Ion Ratio Lower Upper
122 100
105 1187.6 96.1 136.1#
77 352.9 64.1 104.1#



#35
Caprolactam
Concen: 74.54 ng
RT: 9.17 min Scan# 725
Delta R.T. 0.03 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Tgt Ion:113 Resp: 56031
Ion Ratio Lower Upper
113 100
55 294.0 151.9 191.9#
56 300.6 106.1 146.1#

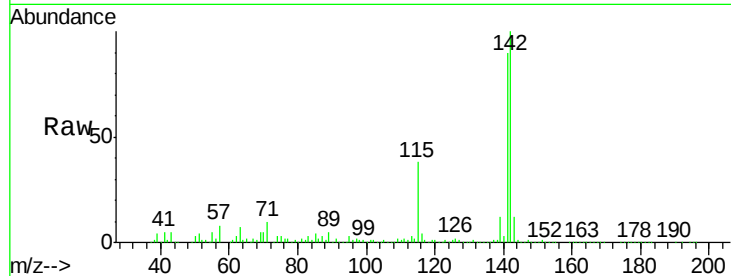




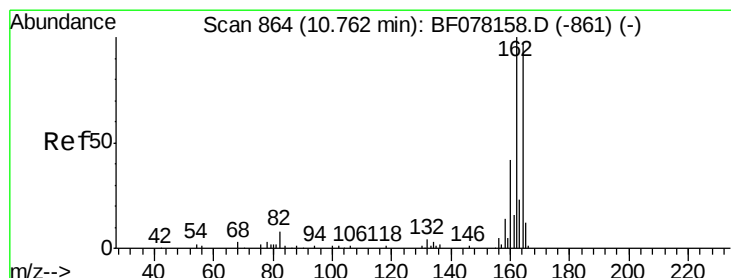
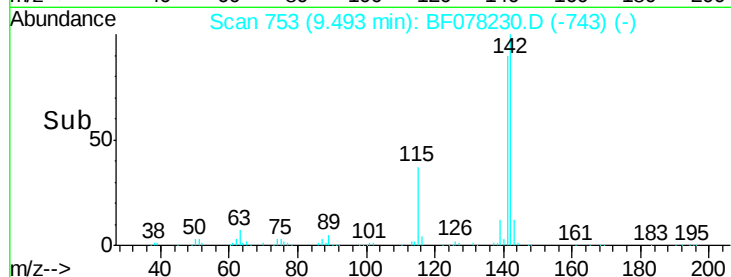
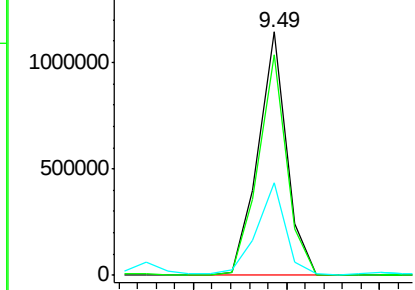
#37
 2-Methylnaphthalene
 Concen: 193.48 ng
 RT: 9.49 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Tgt Ion:142 Resp: 1238322
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.3 105.5
 115 37.9 24.6 37.0#

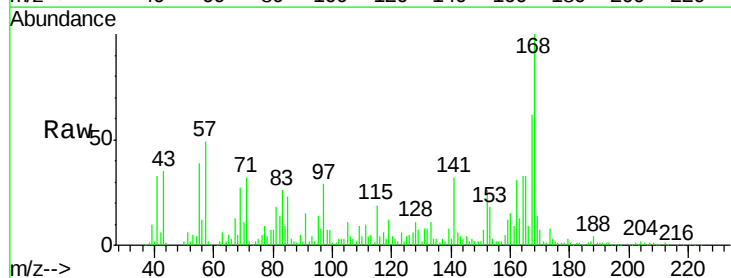


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

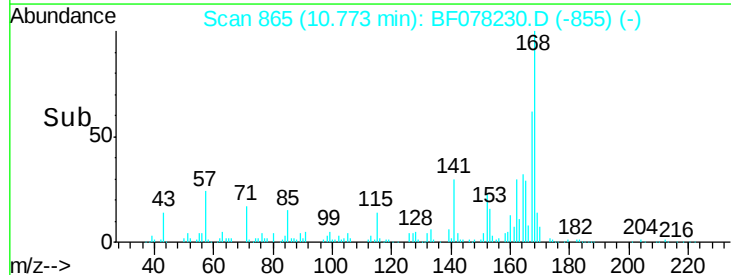
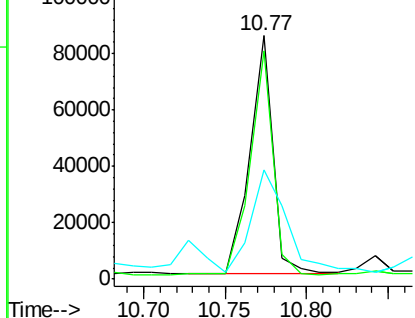


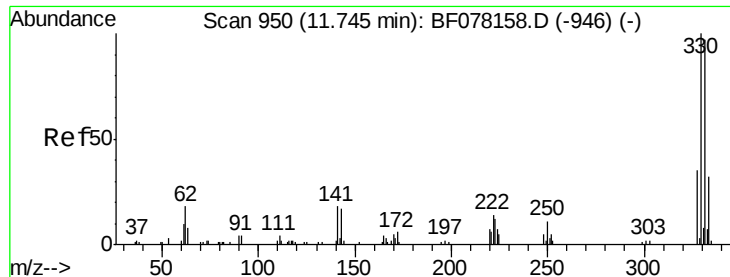
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.77 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:164 Resp: 82591
 Ion Ratio Lower Upper
 164 100
 162 93.7 82.2 123.2
 160 44.7 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

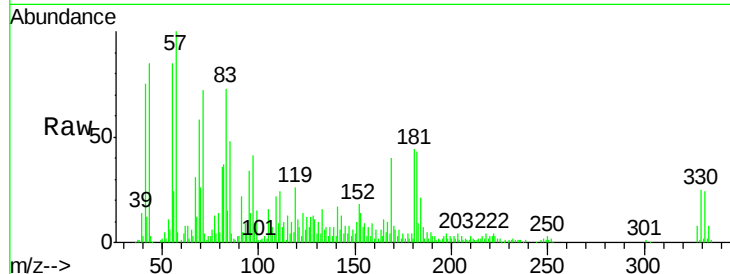




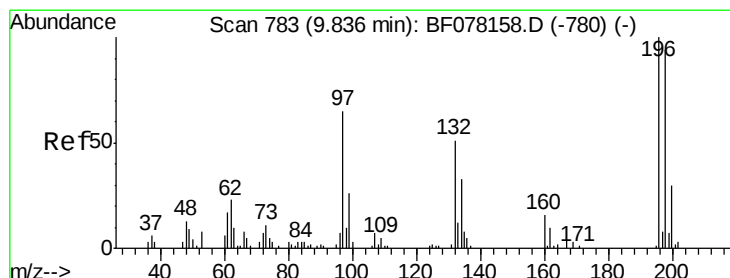
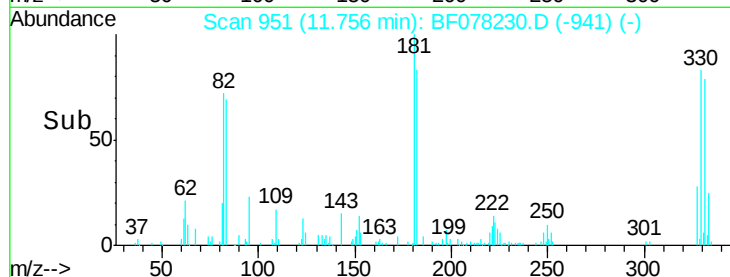
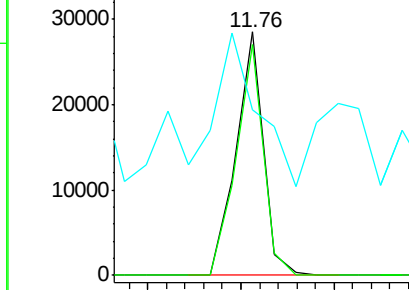
#41
 2,4,6-Tribromophenol
 Concen: 42.56 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Tgt Ion:330 Resp: 29150
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.6 117.8
 141 121.2 31.2 46.8#

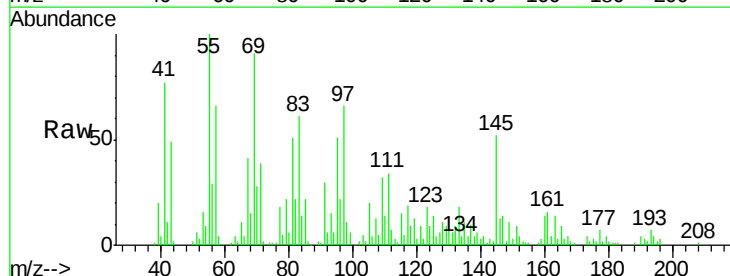


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

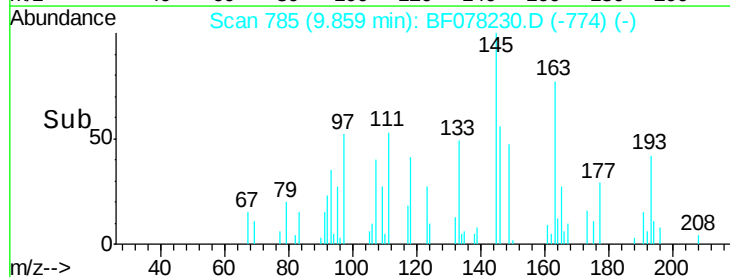
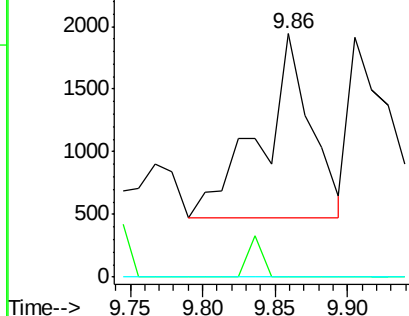


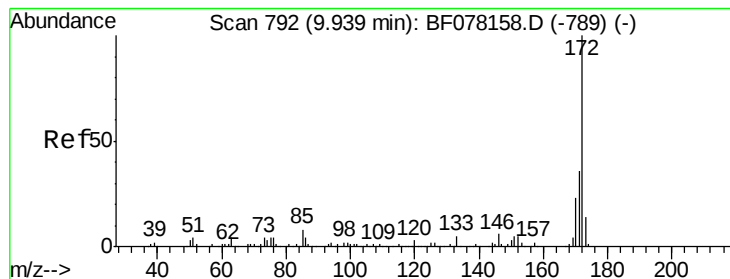
#42
 2,4,6-Trichlorophenol
 Concen: 2.18 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.02 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:196 Resp: 3526
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.2#
 200 0.0 24.0 36.0#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

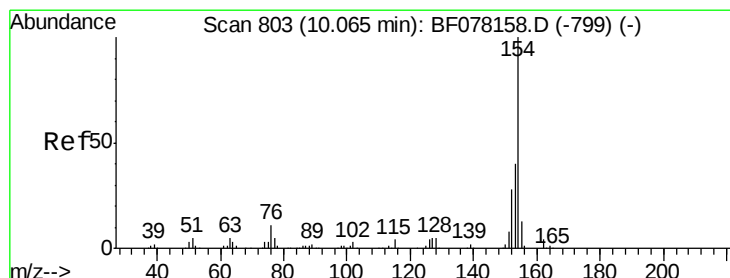
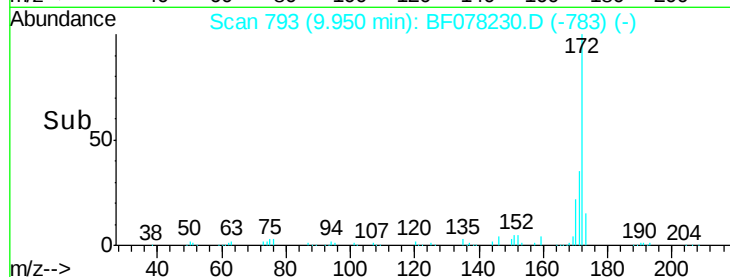
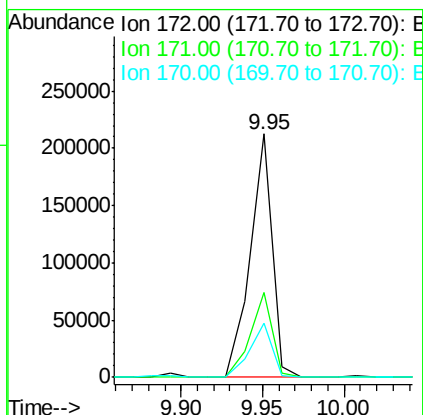
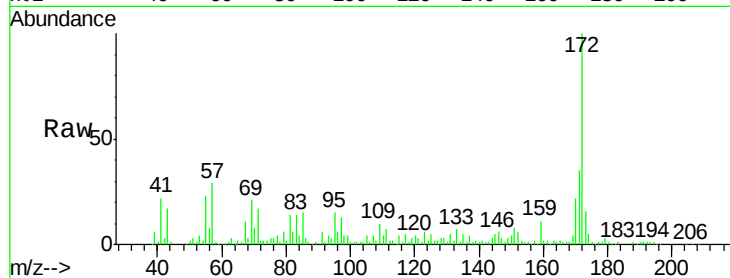




#44
 2-Fluorobiphenyl
 Concen: 34.21 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

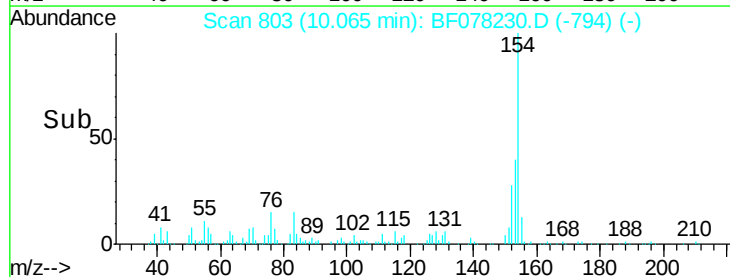
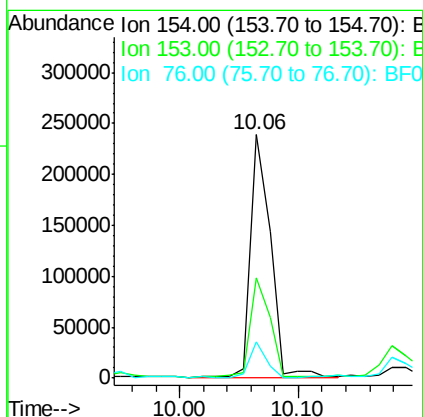
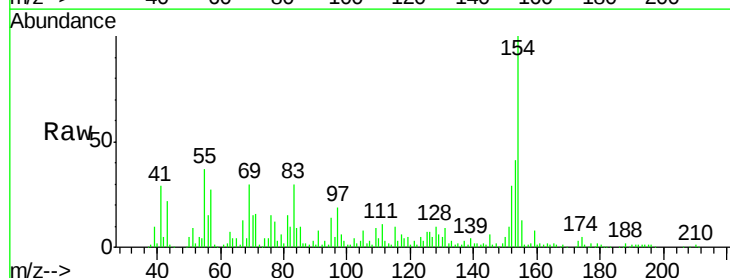
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

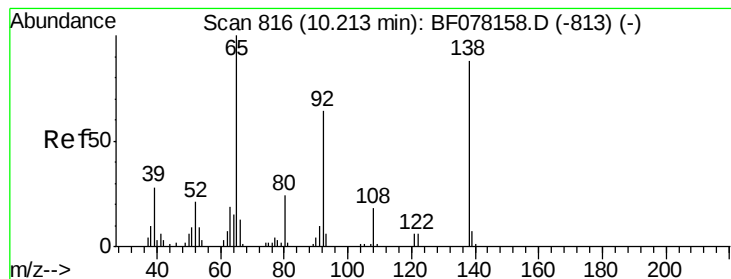
Tgt Ion:172 Resp: 197641
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 22.2 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 41.36 ng
 RT: 10.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:154 Resp: 279381
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.0 60.0
 76 15.1 0.0 30.6





#47

2-Nitroaniline

Concen: 5.48 ng

RT: 10.18 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

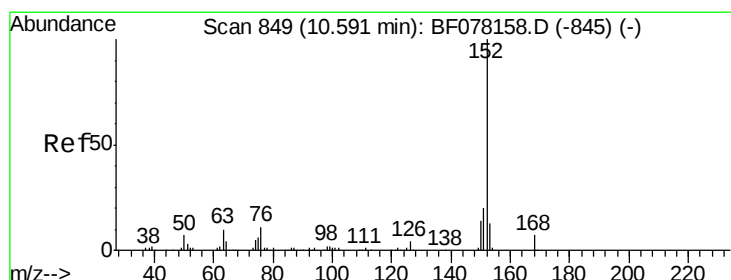
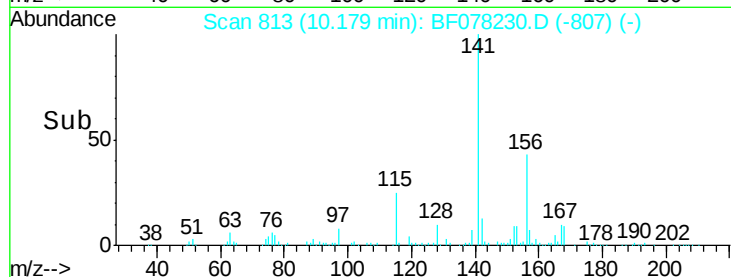
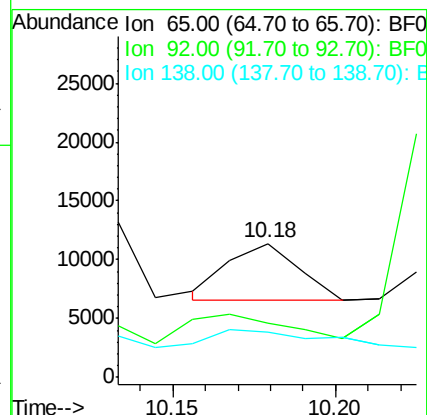
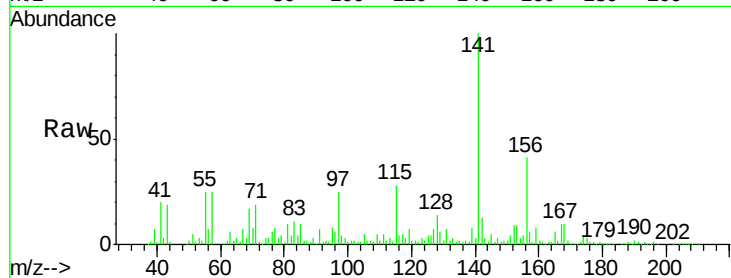
Tgt Ion: 65 Resp: 7213

Ion Ratio Lower Upper

65 100

92 40.3 51.3 76.9#

138 34.2 70.4 105.6#



#48

Acenaphthylene

Concen: 4.07 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

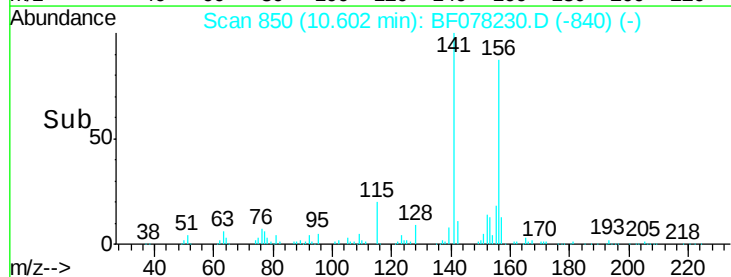
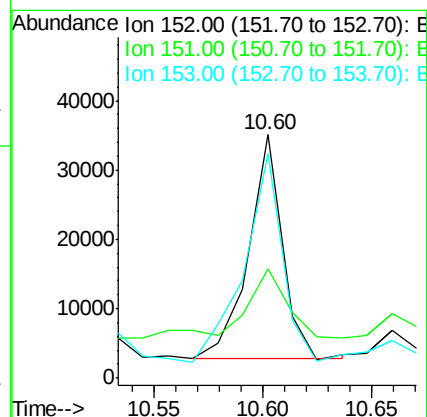
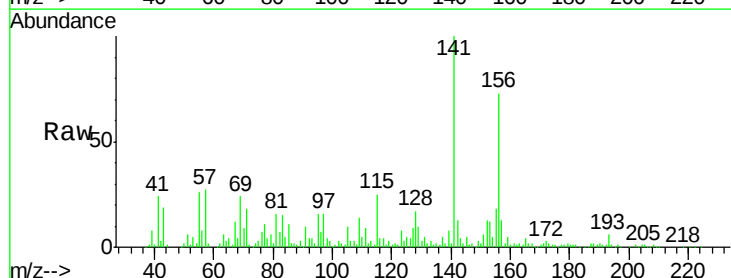
Tgt Ion: 152 Resp: 34942

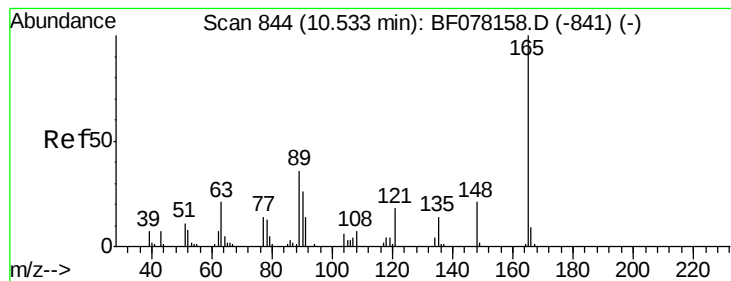
Ion Ratio Lower Upper

152 100

151 44.9 15.7 23.5#

153 92.3 10.2 15.2#





#50

2,6-Dinitrotoluene

Concen: 2.78 ng

RT: 10.53 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

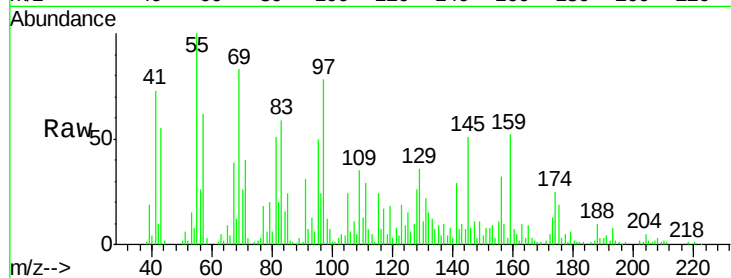
Tgt Ion:165 Resp: 3554

Ion Ratio Lower Upper

165 100

63 48.3 24.1 36.1#

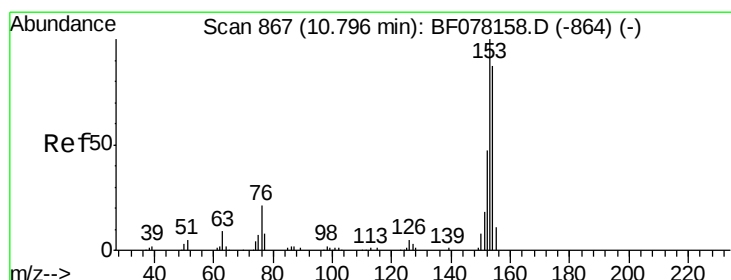
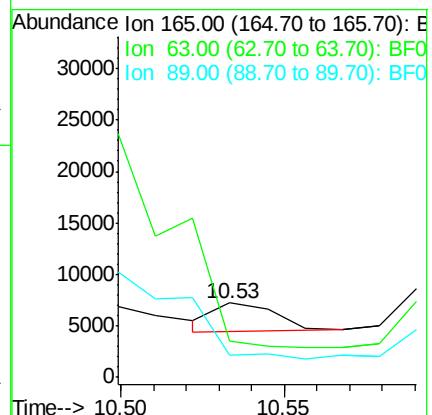
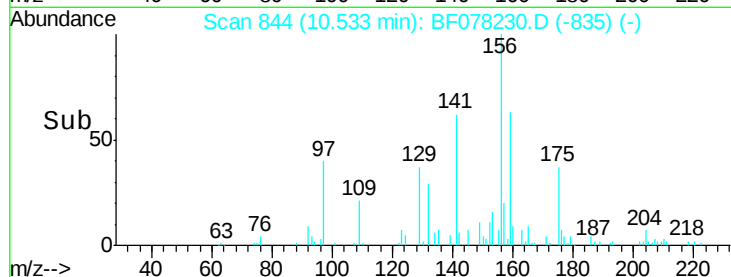
89 29.1 28.9 43.3



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: 9.65 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

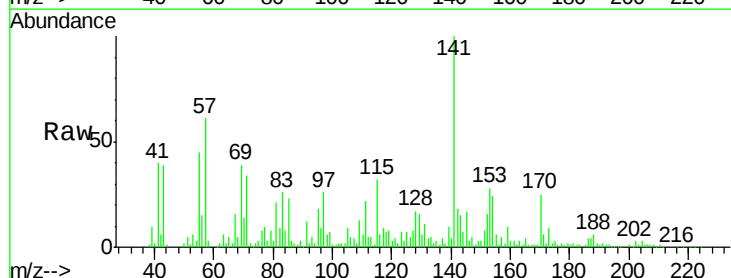
Tgt Ion:154 Resp: 46635

Ion Ratio Lower Upper

154 100

153 116.7 91.4 137.2

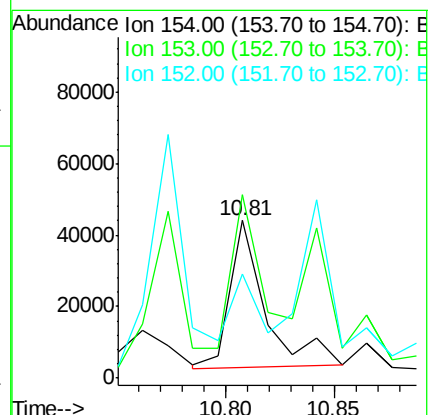
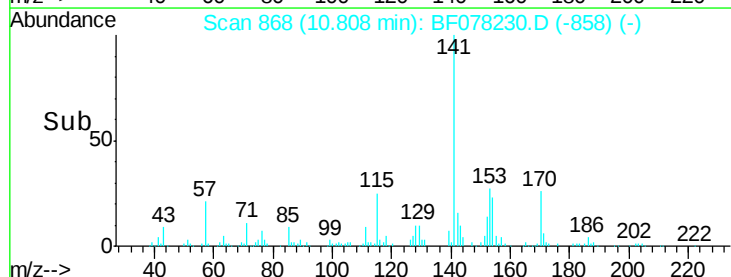
152 66.1 43.0 64.6#

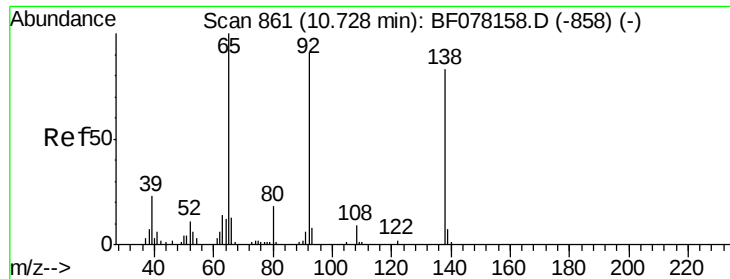


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

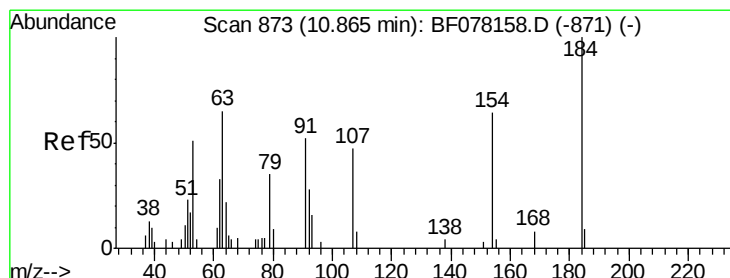
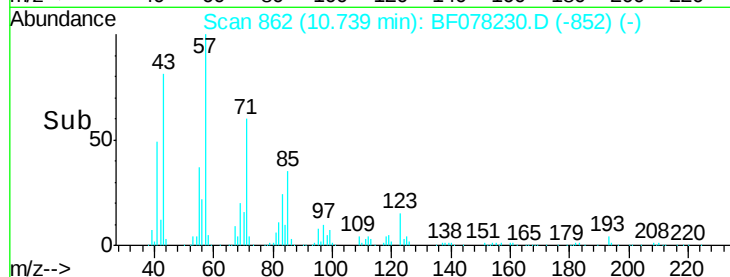
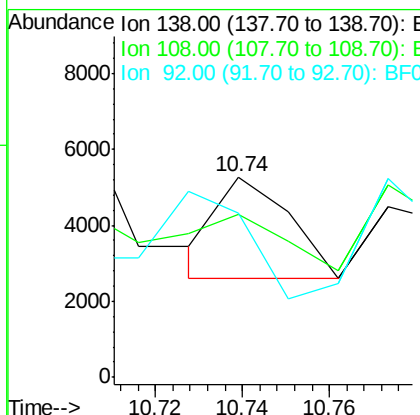
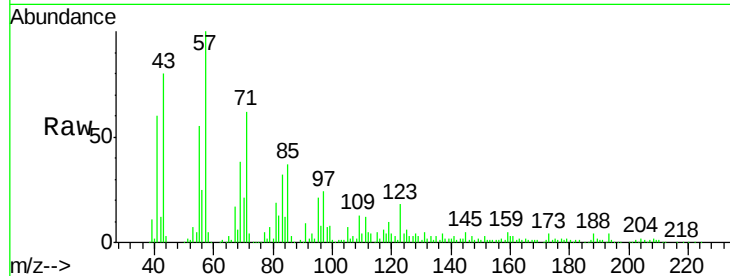




#52
 3-Nitroaniline
 Concen: 2.11 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

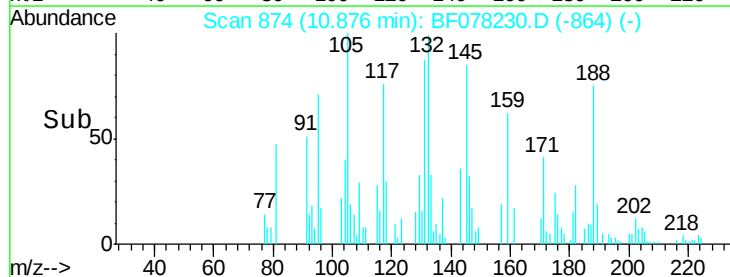
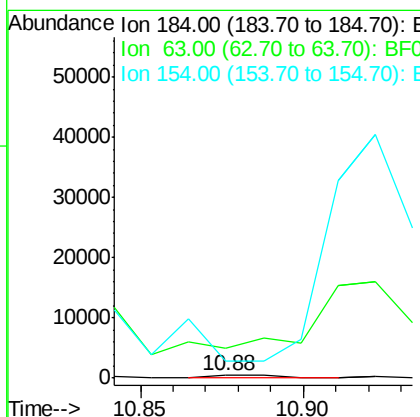
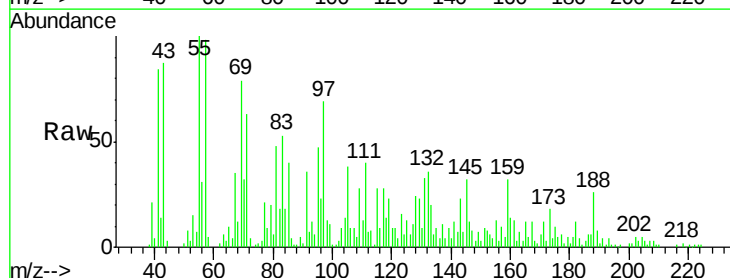
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

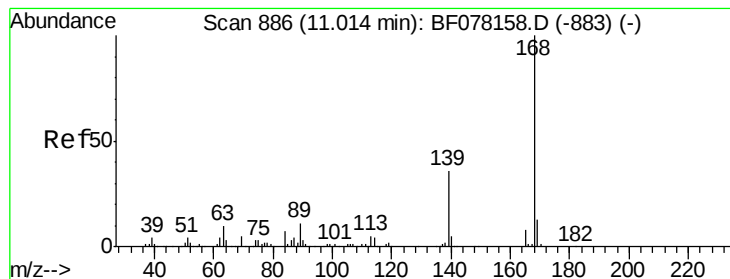
Tgt Ion:138 Resp: 3062
 Ion Ratio Lower Upper
 138 100
 108 81.2 8.2 12.4#
 92 81.6 88.4 132.6#



#53
 2,4-Dinitrophenol
 Concen: 9.30 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:184 Resp: 579
 Ion Ratio Lower Upper
 184 100
 63 1133.4 51.9 77.9#
 154 675.4 51.0 76.4#





#54

Dibenzenofuran

Concen: 11.38 ng

RT: 11.02 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

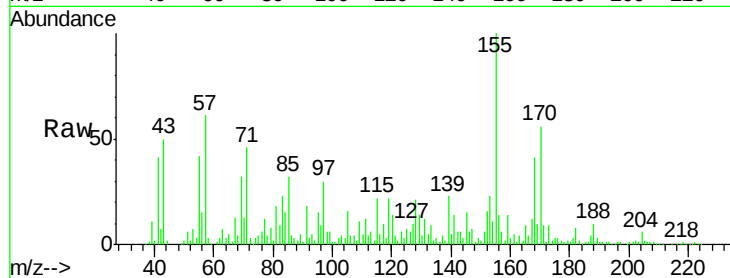
Tgt Ion:168 Resp: 83981

Ion Ratio Lower Upper

168 100

139 56.9 31.0 46.4#

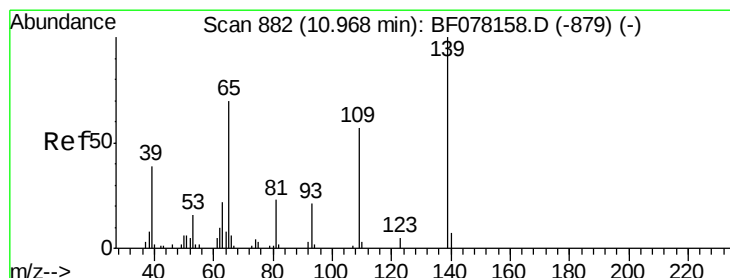
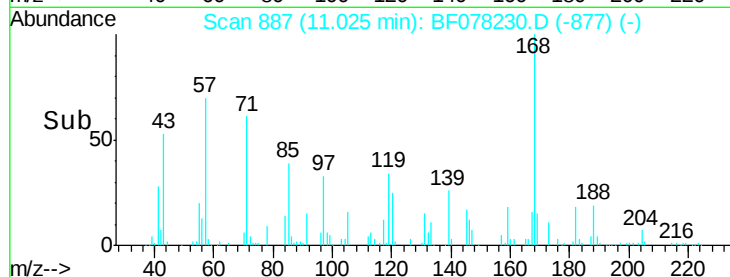
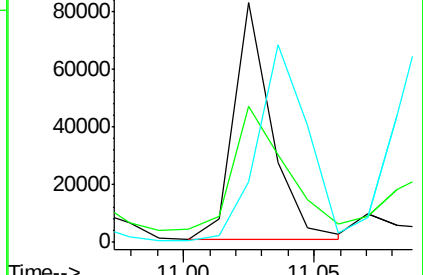
169 25.4 10.7 16.1#



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: 10.21 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

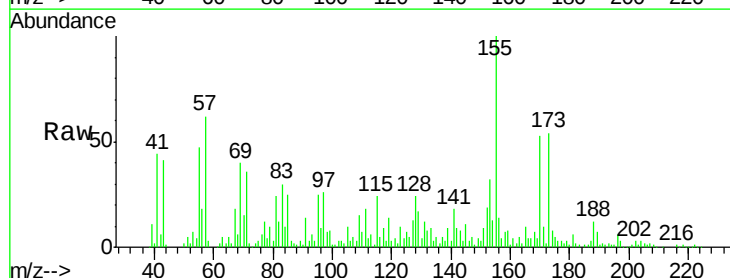
Tgt Ion:139 Resp: 8238

Ion Ratio Lower Upper

139 100

109 159.1 36.7 76.7#

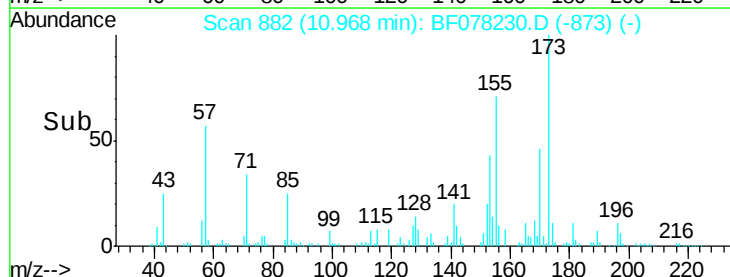
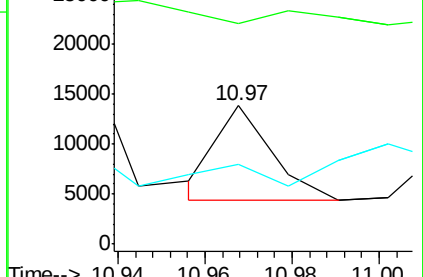
65 58.1 49.9 89.9

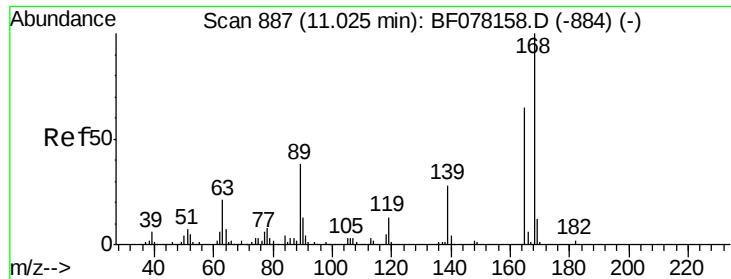


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

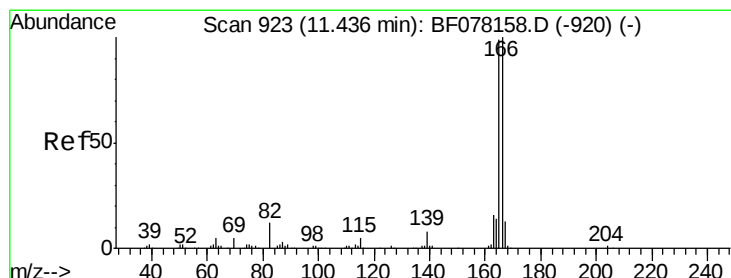
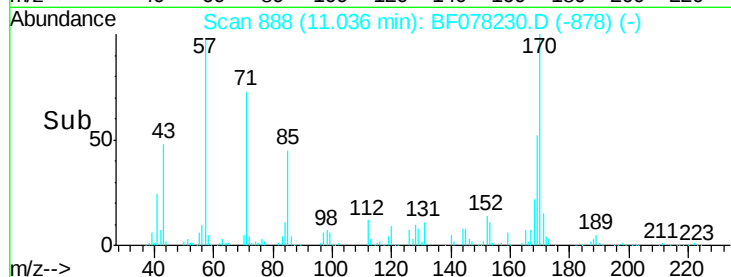
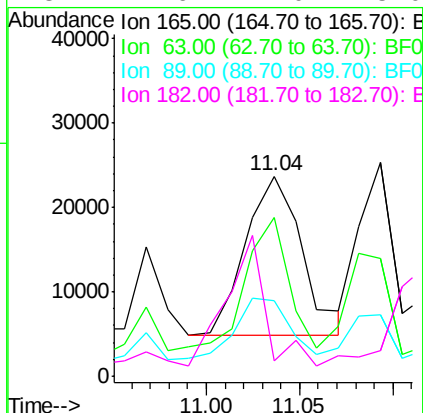
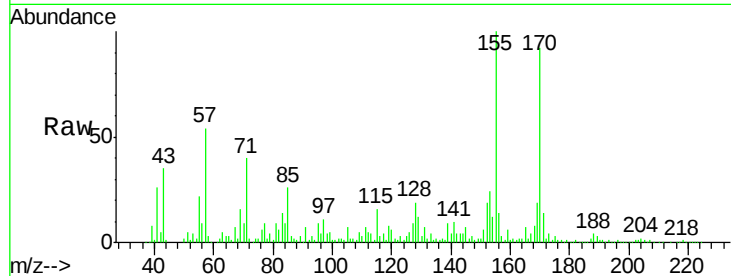




#56
 2,4-Dinitrotoluene
 Concen: 23.97 ng
 RT: 11.04 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

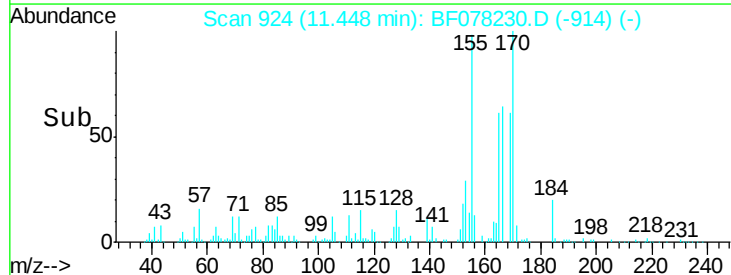
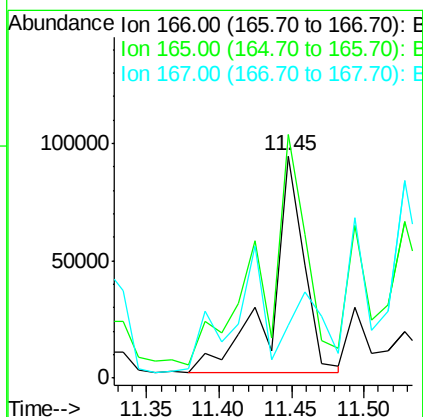
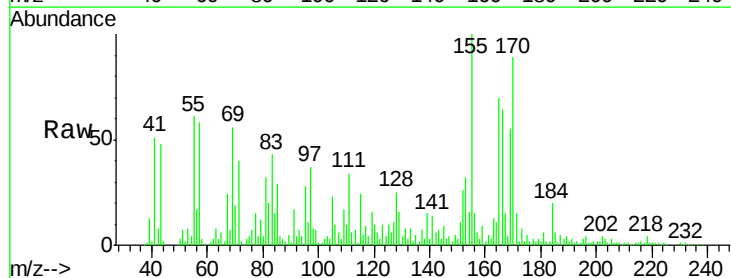
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

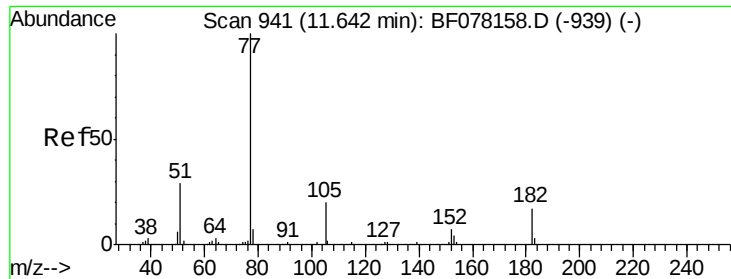
Tgt Ion:	165	Resp:	39625
Ion Ratio	Lower	Upper	
165	100		
63	79.4	26.5	39.7#
89	37.9	46.4	69.6#
182	7.6	2.0	3.0#



#57
 Fluorene
 Concen: 24.21 ng
 RT: 11.45 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:	166	Resp:	144868
Ion Ratio	Lower	Upper	
166	100		
165	109.5	78.9	118.3
167	23.7	10.7	16.1#

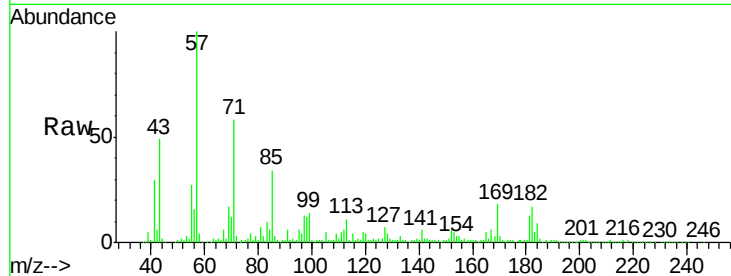




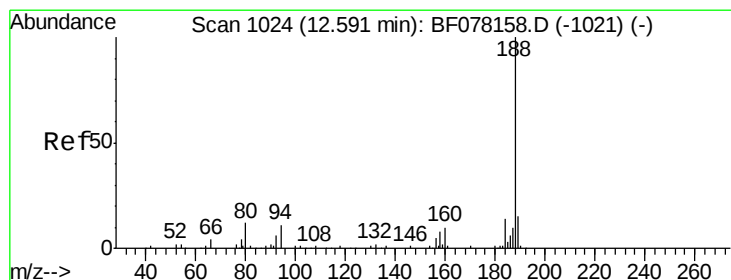
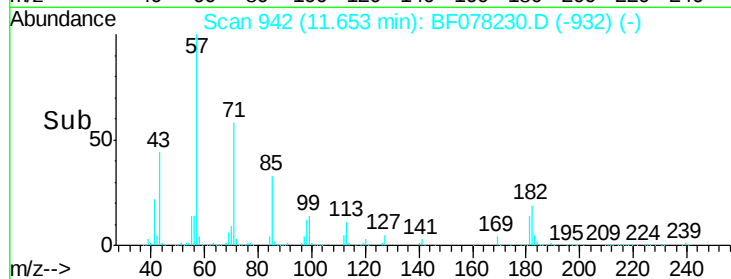
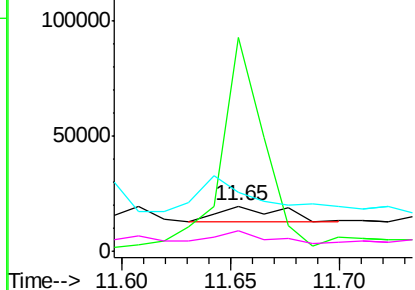
#62
Azobenzene
Concen: 2.72 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

Tgt Ion:	77	Resp:	14859
Ion	Ratio	Lower	Upper
77	100		
182	469.9	0.0	36.8#
105	128.6	0.3	40.3#
51	44.7	9.1	49.1

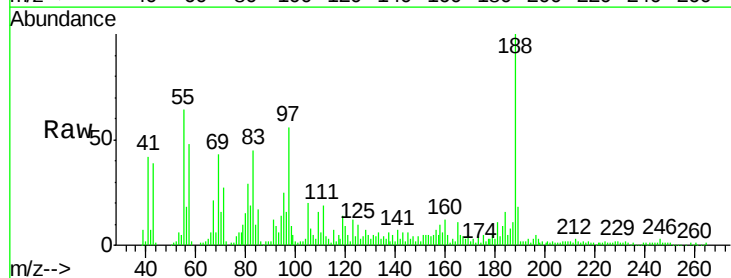


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

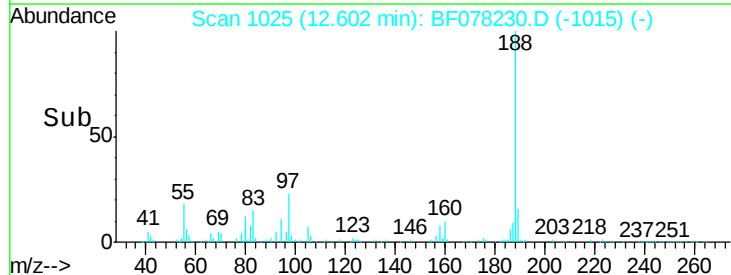
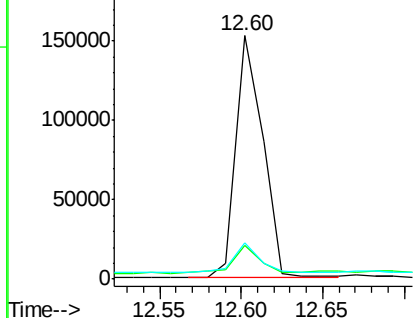


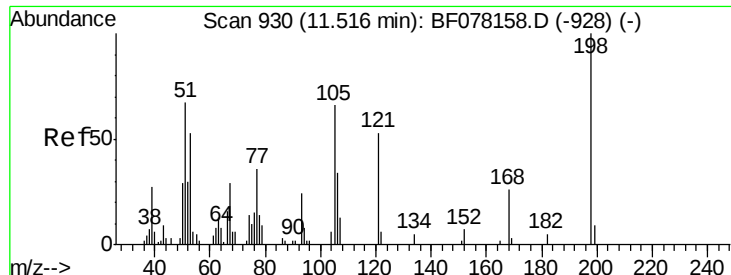
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF078230.D
Acq: 3 Apr 2015 7:26

Tgt Ion:	188	Resp:	172793
Ion	Ratio	Lower	Upper
188	100		
94	14.1	9.0	13.4#
80	15.0	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





#64

4,6-Dinitro-2-methylphenol

Concen: 10.53 ng

RT: 11.56 min Scan# 934

Delta R.T. 0.03 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

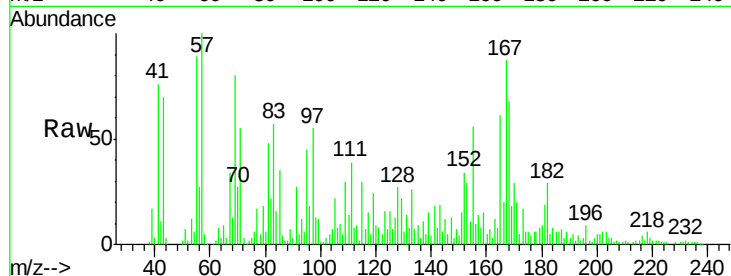
Tgt Ion:198 Resp: 2058

Ion Ratio Lower Upper

198 100

51 466.8 48.6 88.6#

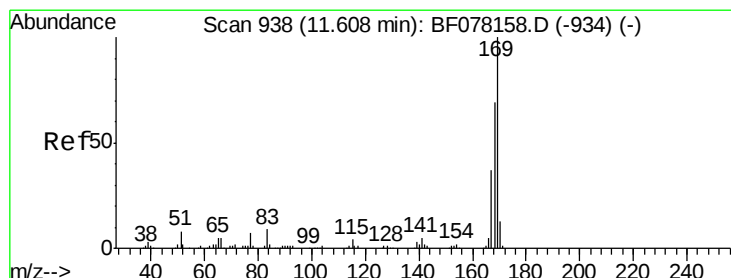
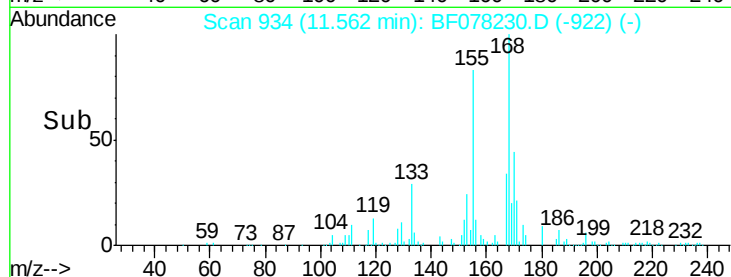
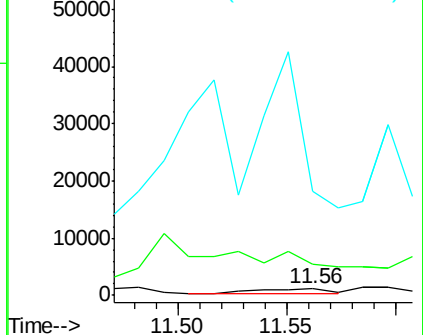
105 1548.2 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.25 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

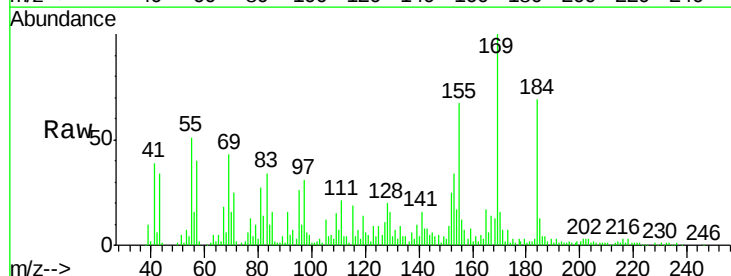
Tgt Ion:169 Resp: 210710

Ion Ratio Lower Upper

169 100

168 12.9 55.0 82.4#

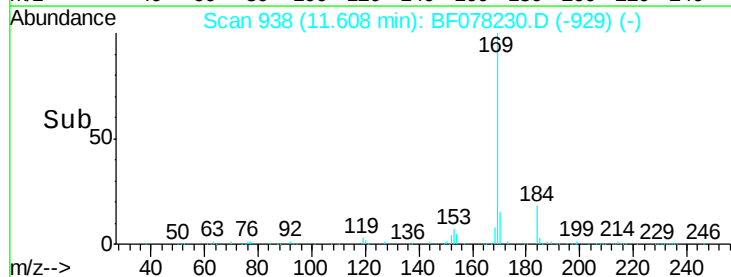
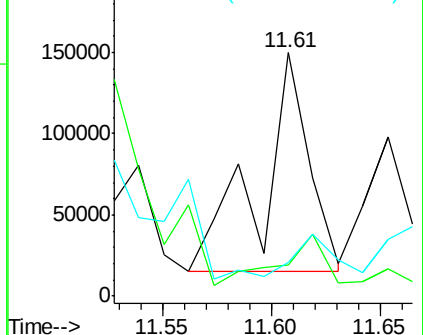
167 13.8 29.3 43.9#

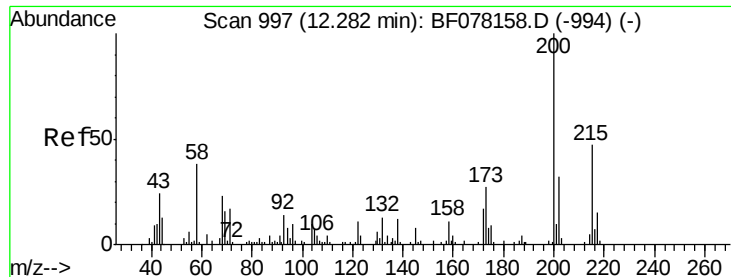


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 2.69 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

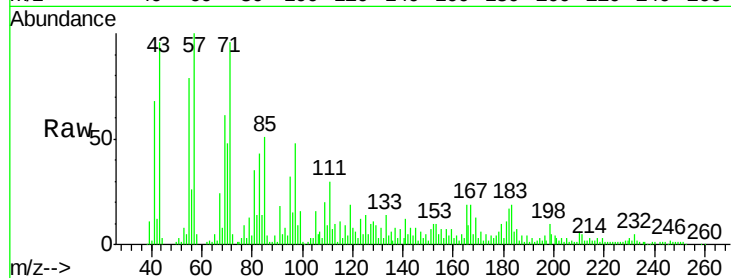
Tgt Ion:200 Resp: 4662

Ion Ratio Lower Upper

200 100

173 125.5 6.9 46.9#

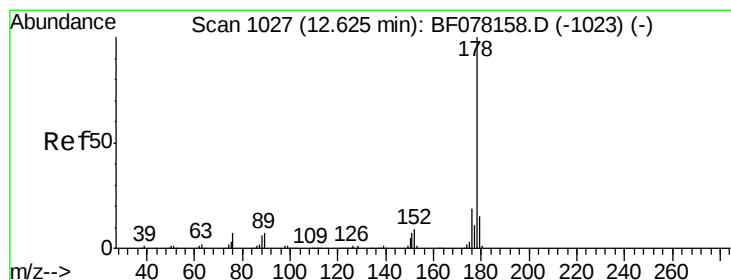
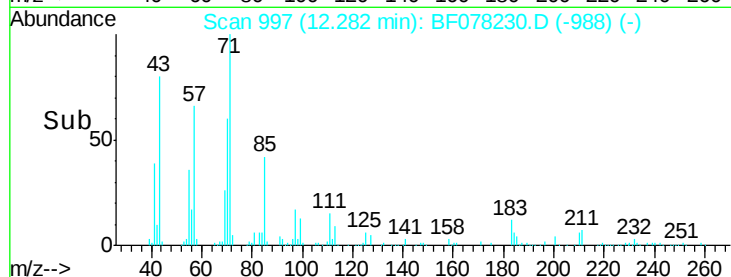
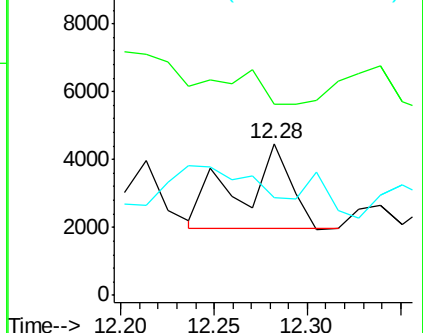
215 63.9 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 51.19 ng

RT: 12.64 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

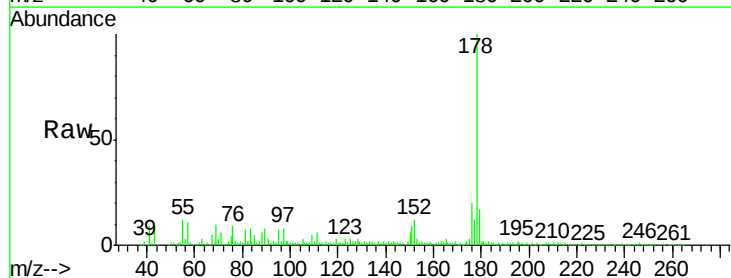
Tgt Ion:178 Resp: 511636

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

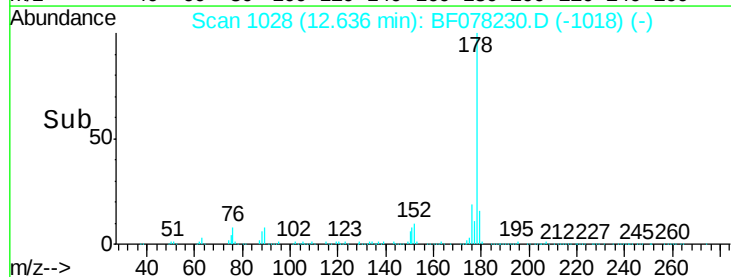
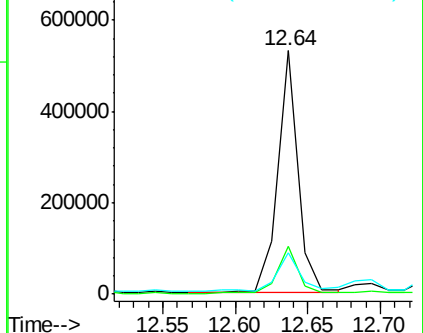
179 17.0 12.2 18.2

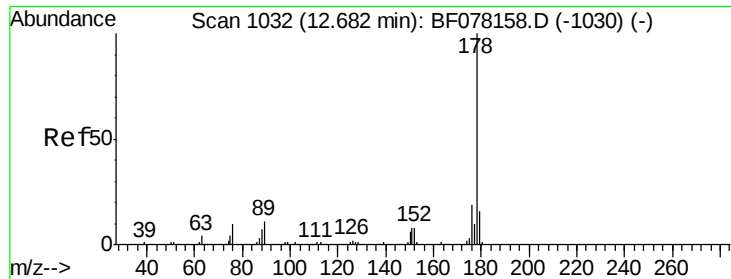


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

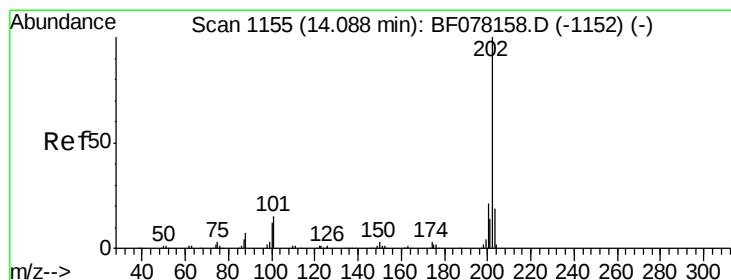
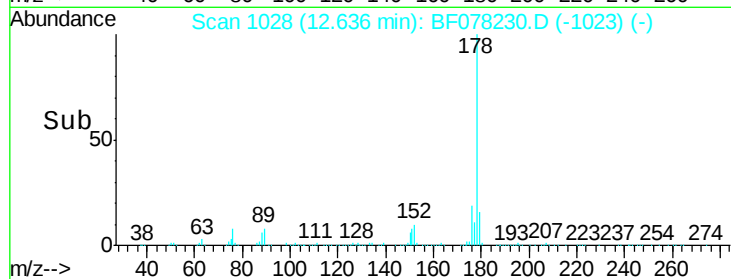
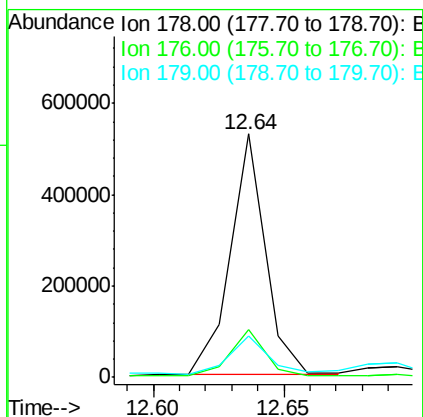
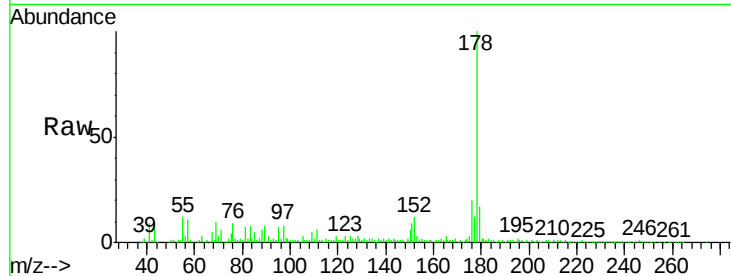




#71
 Anthracene
 Concen: 50.70 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. -0.05 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

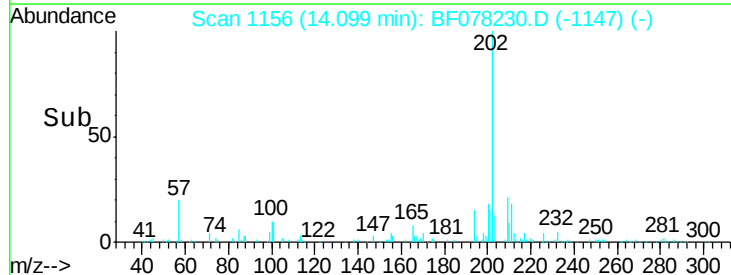
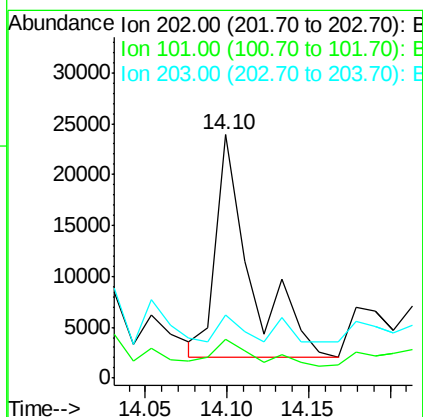
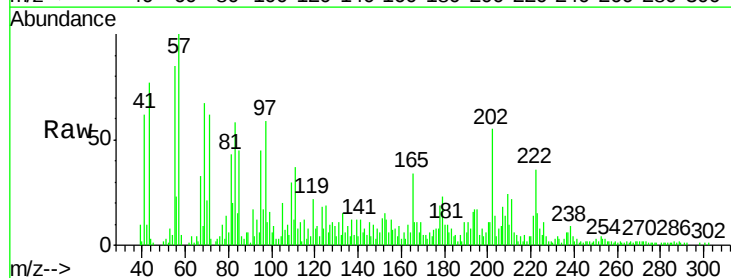
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

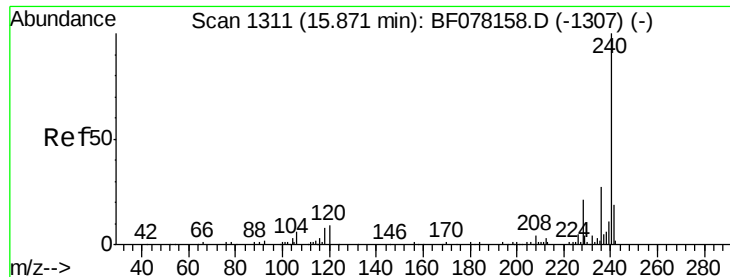
Tgt Ion:178 Resp: 499312
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.8 22.2
 179 17.0 12.4 18.6



#74
 Fluoranthene
 Concen: 3.10 ng
 RT: 14.10 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF078230.D
 Acq: 3 Apr 2015 7:26

Tgt Ion:202 Resp: 32659
 Ion Ratio Lower Upper
 202 100
 101 16.2 0.0 35.2
 203 26.1 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

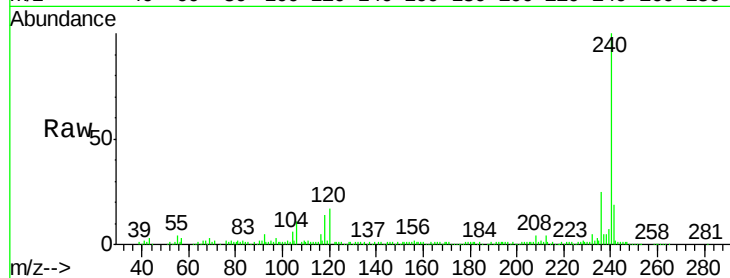
Tgt Ion:240 Resp: 207616

Ion Ratio Lower Upper

240 100

120 16.7 7.1 10.7#

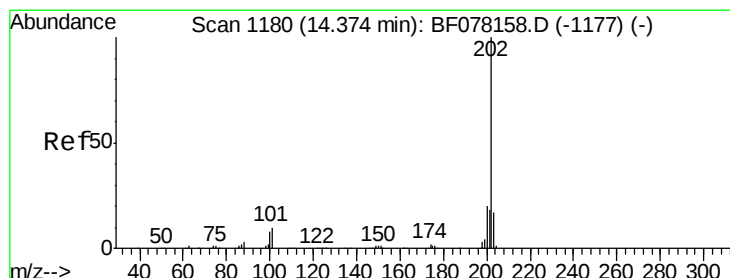
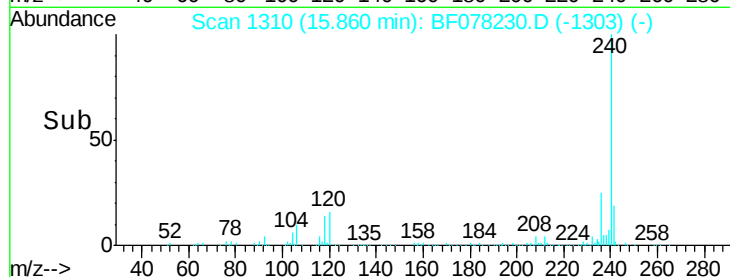
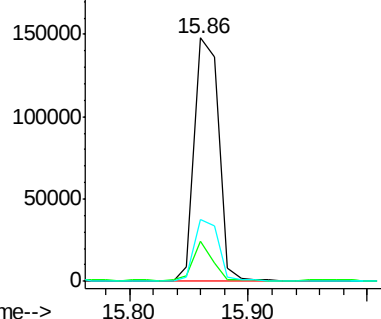
236 25.2 21.4 32.2



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: 8.18 ng

RT: 14.37 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

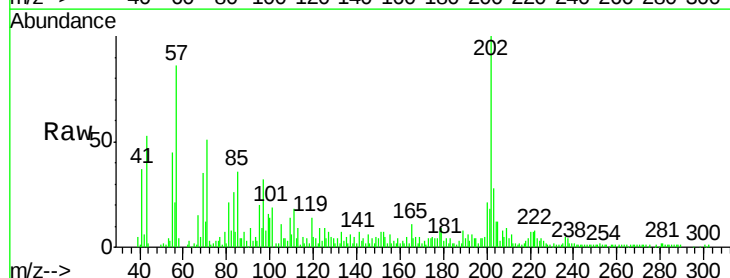
Tgt Ion:202 Resp: 106634

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

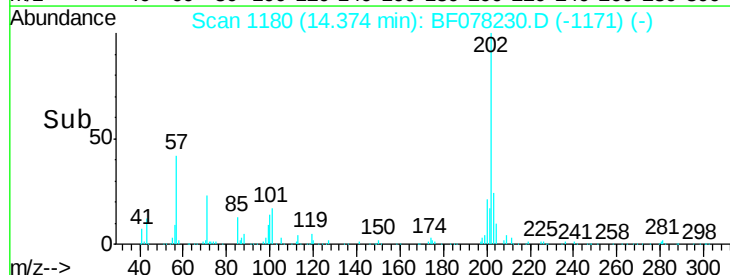
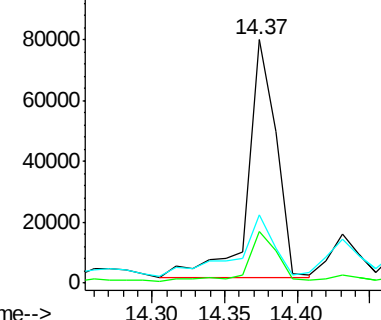
203 28.0 13.8 20.6#

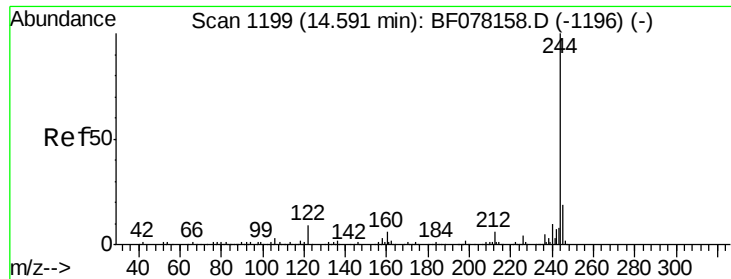


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 24.25 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

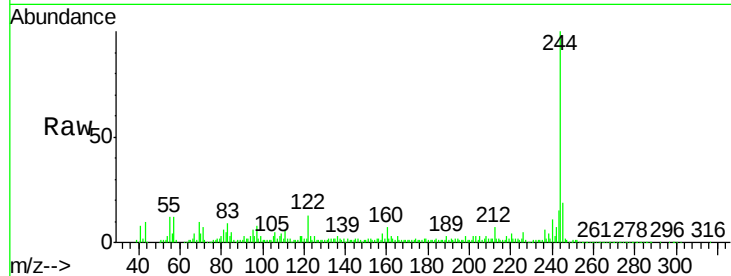
Tgt Ion:244 Resp: 222826

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

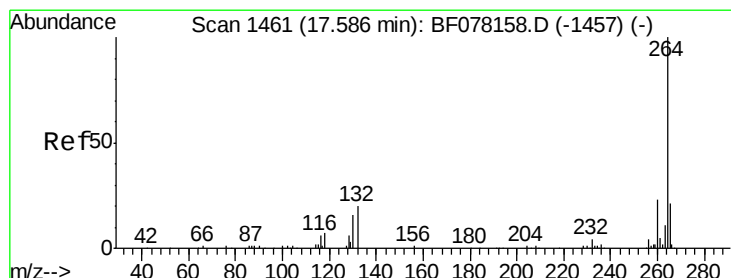
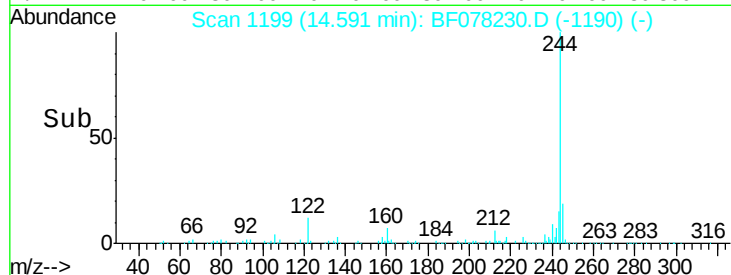
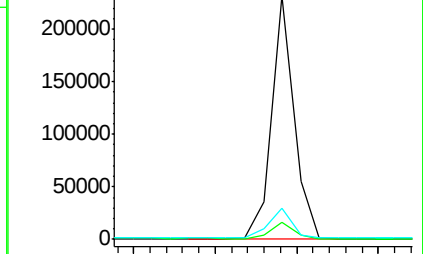
122 12.7 7.1 10.7#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.56 min Scan# 1459

Delta R.T. -0.10 min

Lab File: BF078230.D

Acq: 3 Apr 2015 7:26

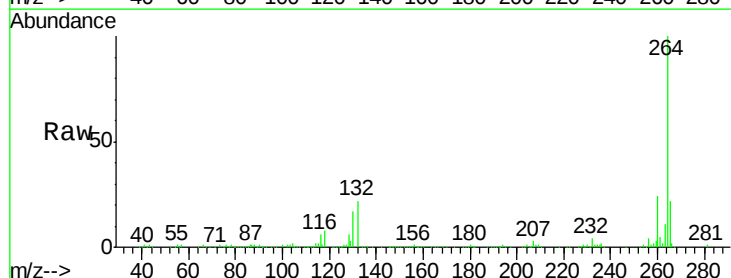
Tgt Ion:264 Resp: 202449

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

