

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078236.D
 Acq On : 3 Apr 2015 10:18
 Operator : TP/IZ
 Sample : G1719-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

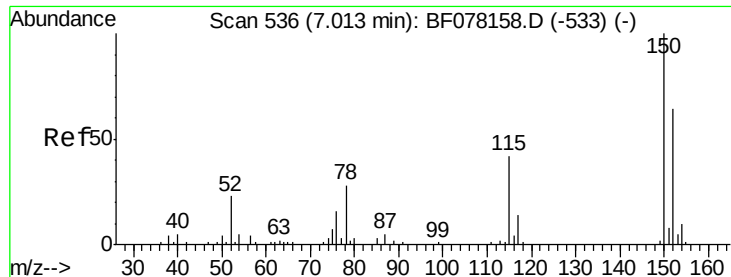
Quant Time: Apr 03 11:58:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	6511	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	28534	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	14349	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	26765	20.00	ng	0.00
75) Chrysene-d12	15.87	240	28991	20.00	ng	0.00
86) Perylene-d12	17.62	264	29240	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	24766	62.71	ng	0.02
7) Phenol-d6	6.64	99	18125	36.62	ng	0.03
23) Nitrobenzene-d5	7.71	82	42107	89.45	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	16627	139.72	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	98710	98.33	ng	0.00
78) Terphenyl-d14	14.59	244	111759	87.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.84	88	438	2.45	ng	# 23
8) 2-Chlorophenol	6.76	128	1104	2.36	ng	# 75
10) Phenol	6.65	94	1193	2.01	ng	# 68
12) 1,3-Dichlorobenzene	6.94	146	2760	5.38	ng	# 87
13) 1,4-Dichlorobenzene	7.04	146	28317	54.85	ng	# 100
14) 1,2-Dichlorobenzene	7.22	146	78040	161.21	ng	# 100
15) Benzyl Alcohol	7.21	79	729	2.10	ng	# 24
20) 3+4-Methylphenols	7.57	107	3550	7.34	ng	# 42
22) Acetophenone	7.54	105	2002	3.01	ng	# 75
24) Nitrobenzene	7.74	77	3986	8.10	ng	# 86
27) 2,4-Dimethylphenol	8.22	122	1920	4.40	ng	# 82
30) 1,2,4-Trichlorobenzene	8.53	180	60313	132.59	ng	# 96
31) Naphthalene	8.62	128	126450	85.14	ng	# 99
33) 4-Chloroaniline	8.68	127	93054	150.99	ng	# 94
37) 2-Methylnaphthalene	9.48	142	29033	28.79	ng	# 97
51) Acenaphthene	10.80	154	8935	10.64	ng	# 95
54) Dibenzofuran	11.01	168	6183	4.82	ng	# 89
55) 4-Nitrophenol	11.01	139	2717	16.89	ng	# 31
56) 2,4-Dinitrotoluene	11.02	165	8965	31.21	ng	# 76
57) Fluorene	11.44	166	10102	9.72	ng	# 95
71) Anthracene	12.68	178	4297	2.82	ng	# 95
73) Di-n-butylphthalate	13.36	149	54362	33.56	ng	# 98
74) Fluoranthene	14.10	202	3358	2.06	ng	# 83
76) Benzidine	14.29	184	3168	2.84	ng	# 89

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

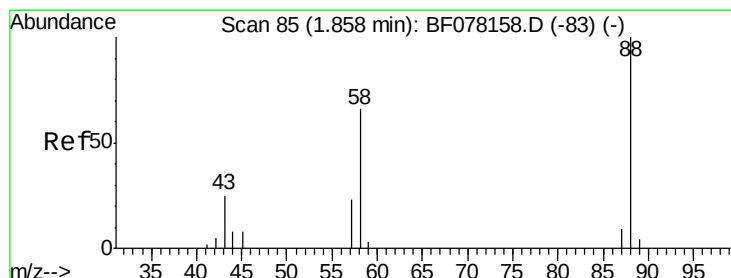
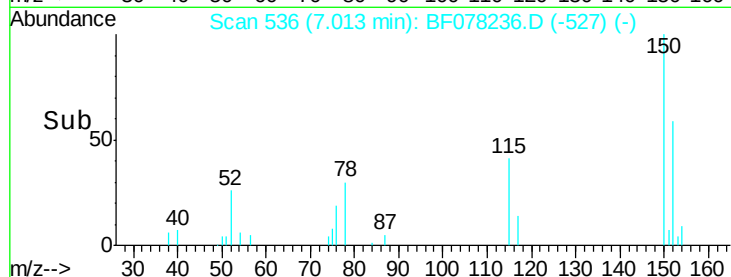
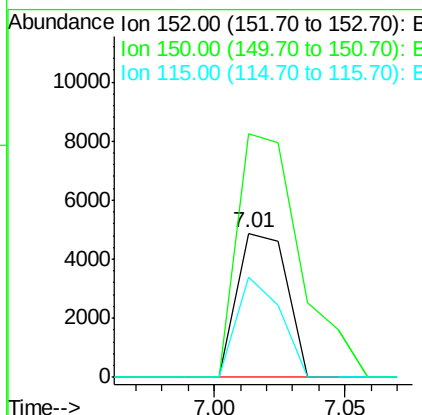
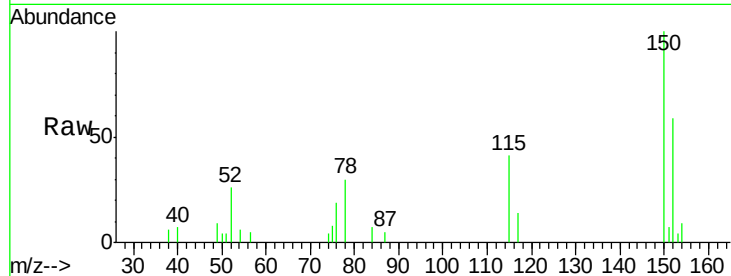


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

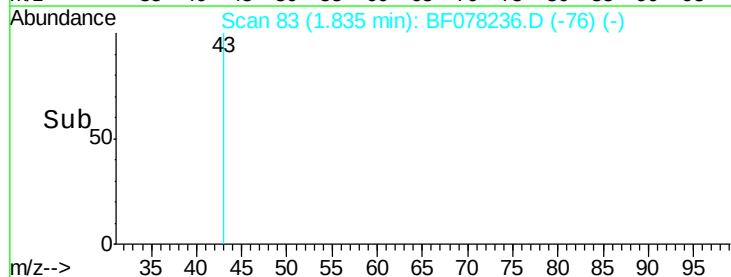
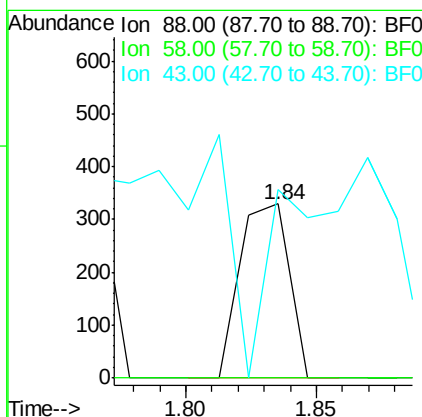
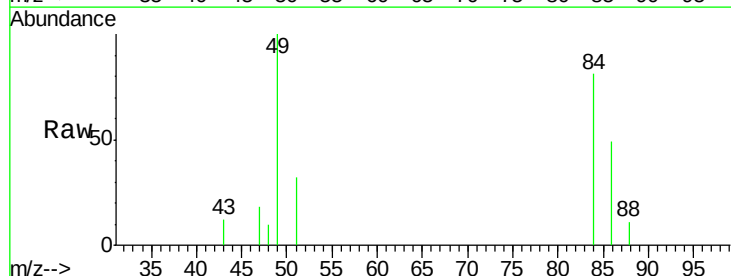
Tot Ion:152 Resp: 6511
Ion Ratio Lower Upper
152 100
150 169.2 125.9 188.9
115 69.3 52.7 79.1

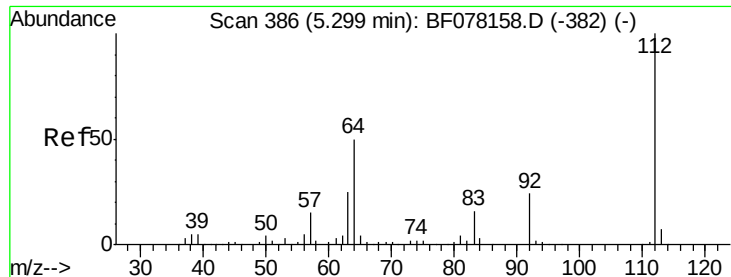


#2

1,4-Dioxane
Concen: 2.45 ng
RT: 1.84 min Scan# 83
Delta R.T. -0.02 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Tgt Ion: 88 Resp: 438
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#





#5

2-Fluorophenol

Concen: 62.71 ng

RT: 5.32 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

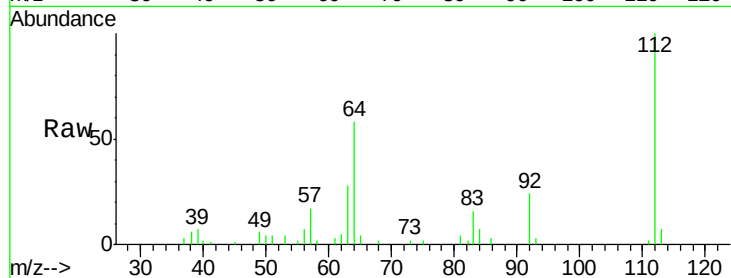
Tot Ion:112 Resp: 24766

Ion Ratio Lower Upper

112 100

64 57.7 39.9 59.9

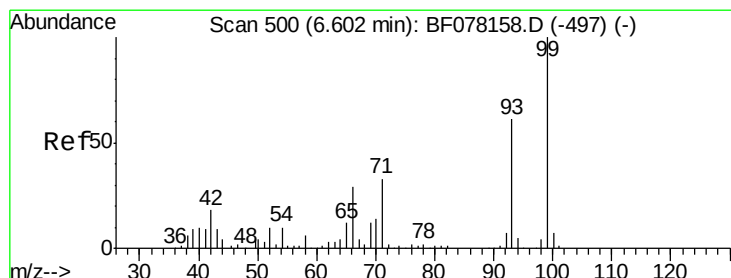
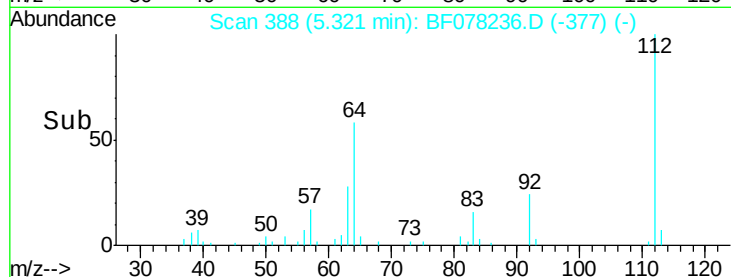
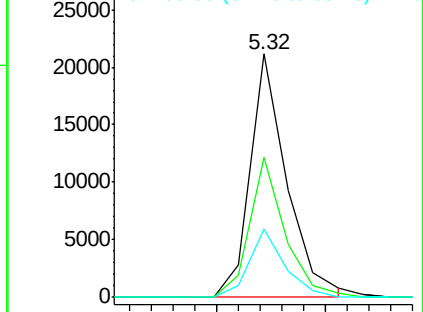
63 28.0 20.2 30.4



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: 36.62 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

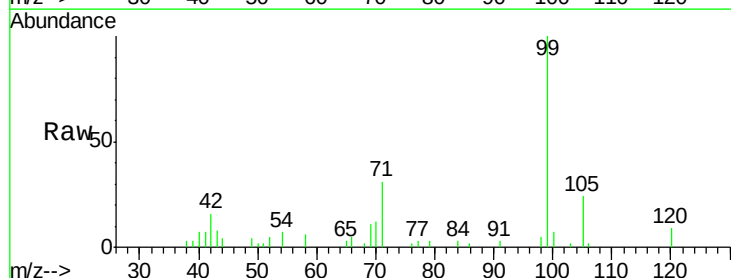
Tgt Ion: 99 Resp: 18125

Ion Ratio Lower Upper

99 100

42 15.6 14.8 22.2

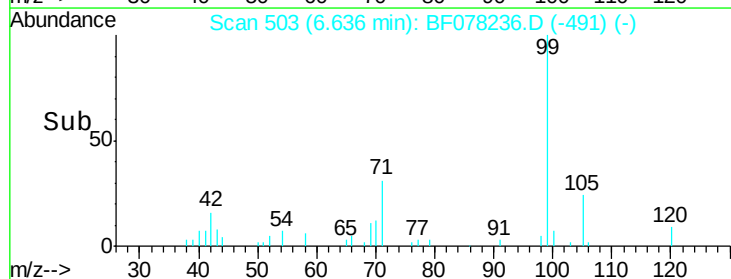
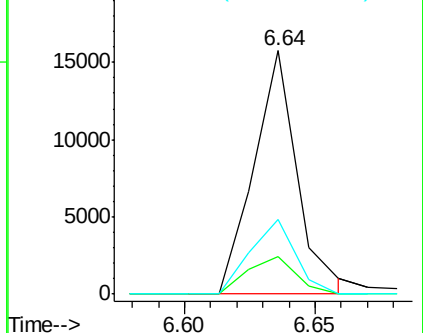
71 30.6 26.6 39.8

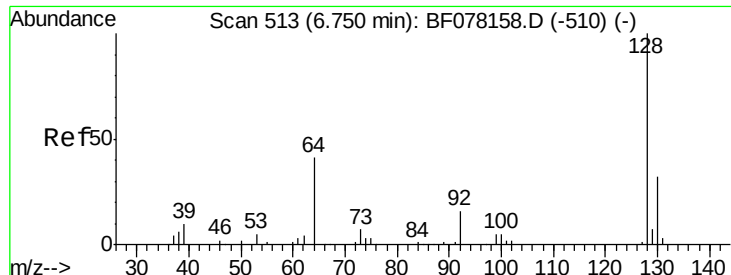


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 2.36 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

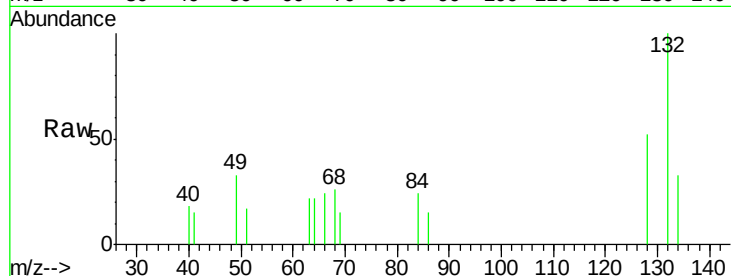
Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

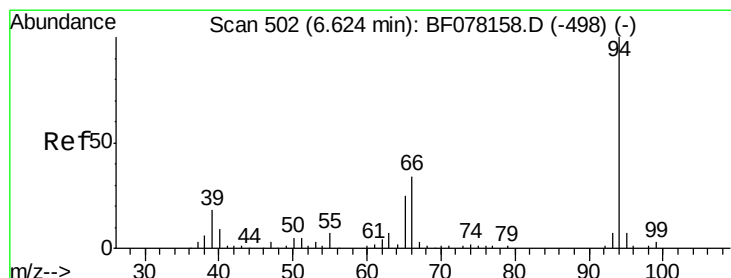
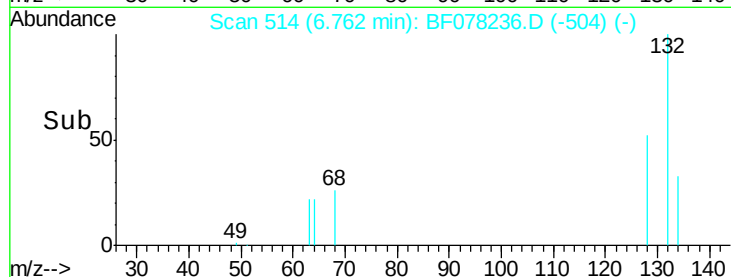
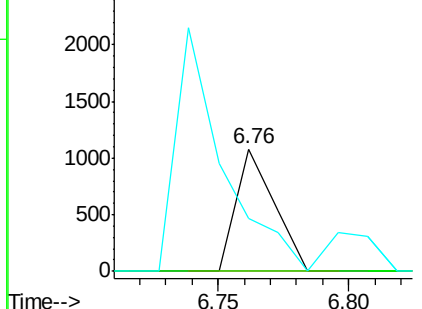
Tot Ion:	128	Resp:	1104
Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.3	52.3#
64	43.1	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 2.01 ng

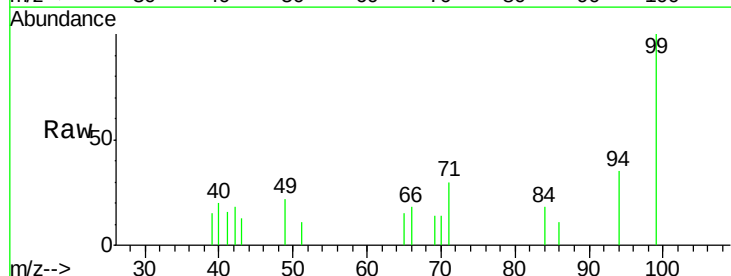
RT: 6.65 min Scan# 504

Delta R.T. 0.02 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

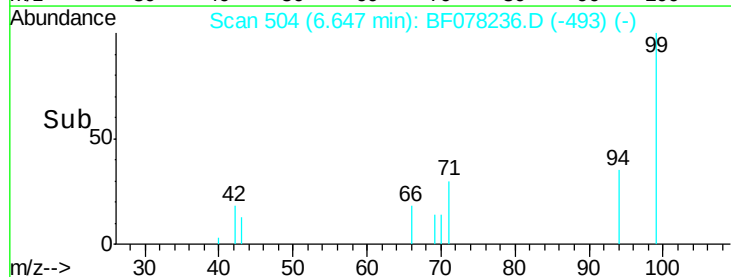
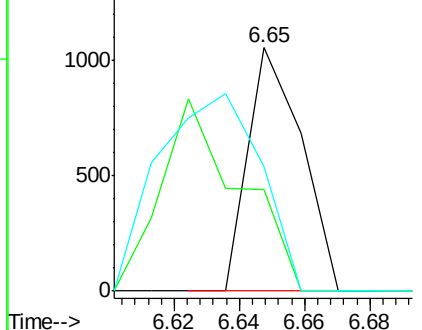
Tgt Ion:	94	Resp:	1193
Ion	Ratio	Lower	Upper
94	100		
65	41.6	4.9	44.9
66	51.1	13.8	53.8

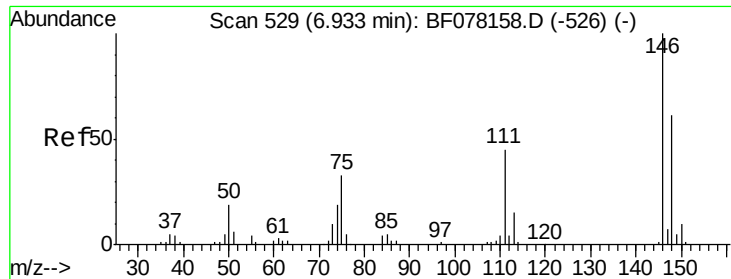


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#12

1,3-Dichlorobenzene

Concen: 5.38 ng

RT: 6.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

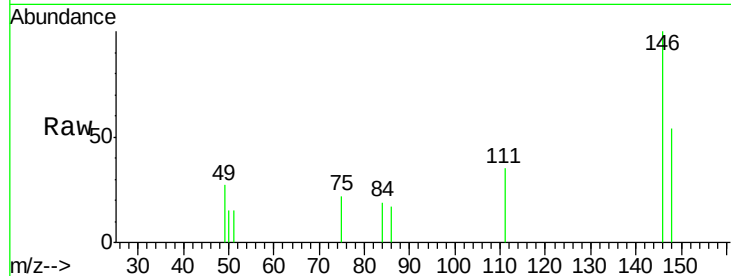
Tot Ion:146 Resp: 2760

Ion Ratio Lower Upper

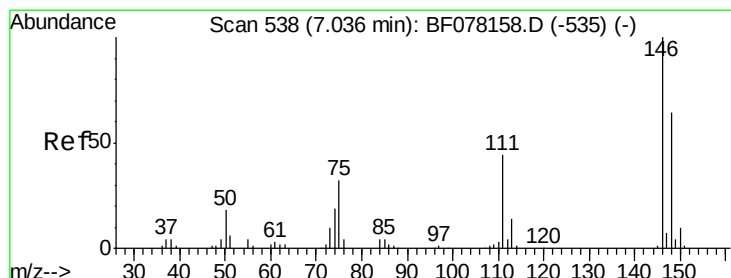
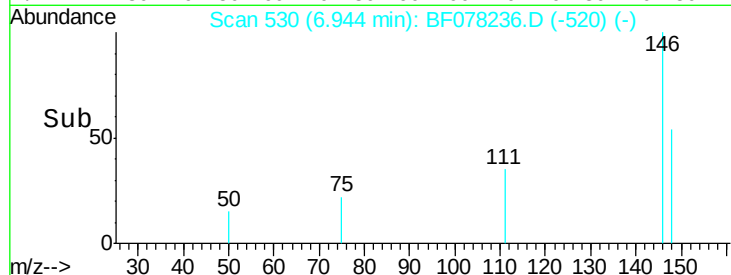
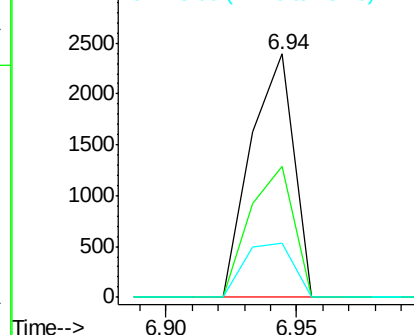
146 100

148 54.0 49.1 73.7

75 22.2 26.6 40.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 54.85 ng

RT: 7.04 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

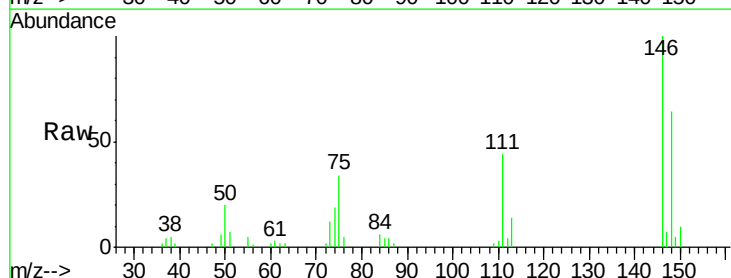
Tgt Ion:146 Resp: 28317

Ion Ratio Lower Upper

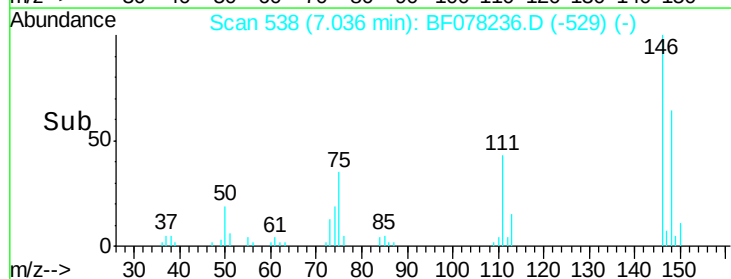
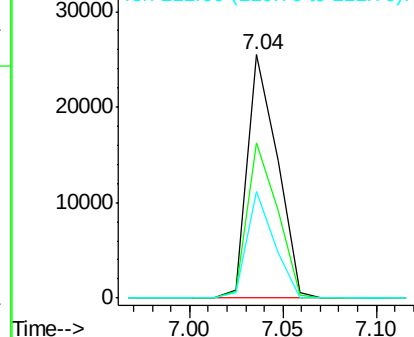
146 100

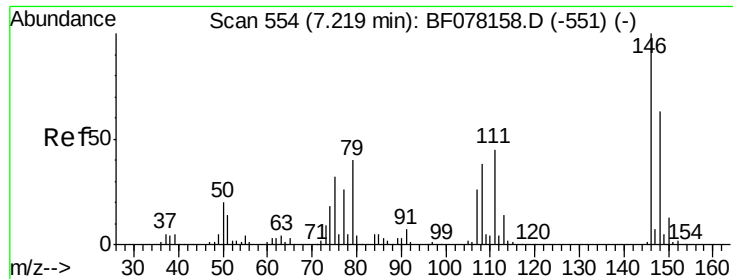
148 64.0 51.4 77.0

111 43.7 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

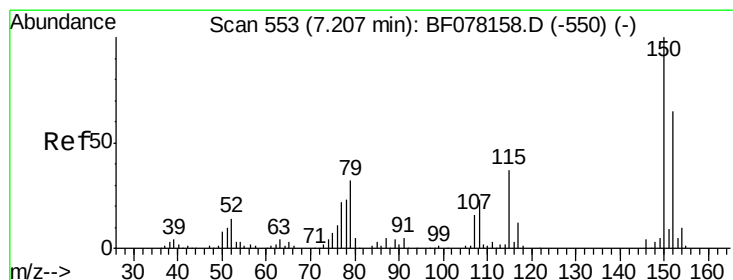
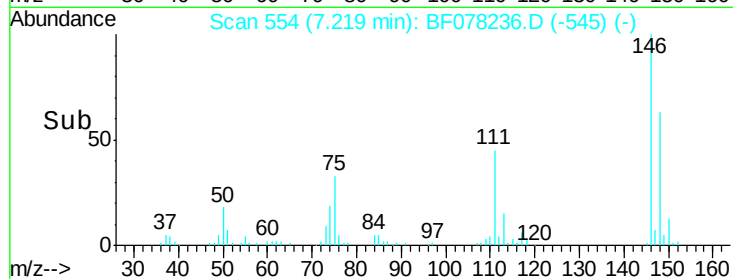
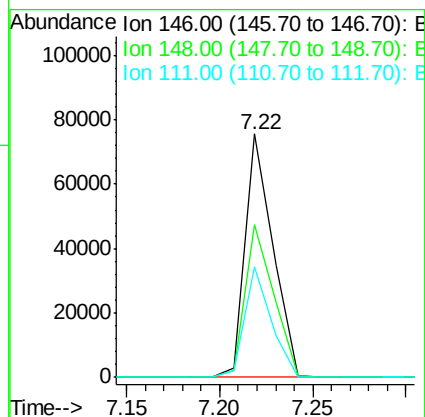
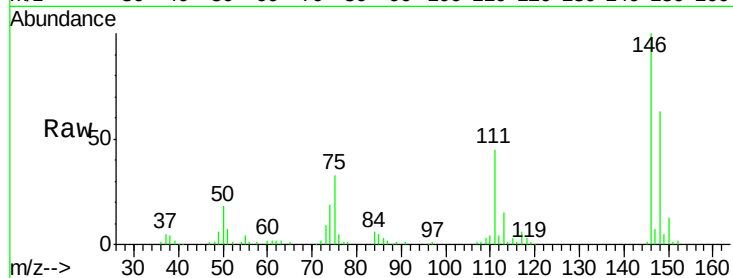




#14
 1,2-Dichlorobenzene
 Concen: 161.21 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

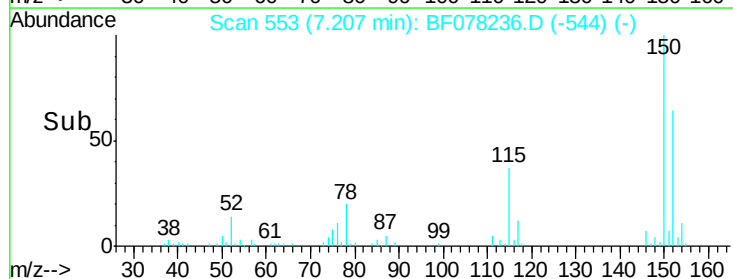
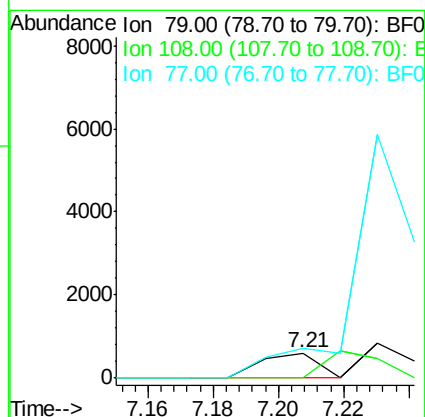
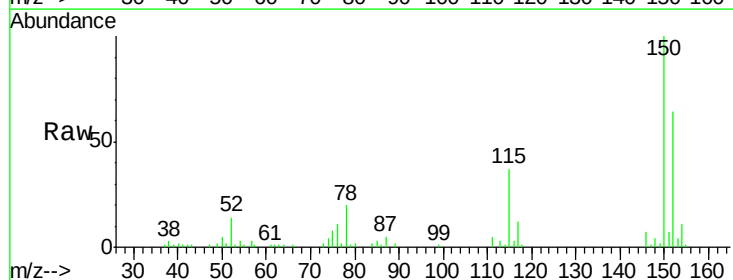
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

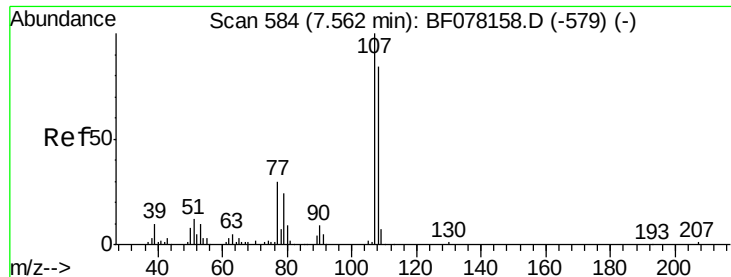
Tot Ion:146 Resp: 78040
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.2 75.4
 111 45.2 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 2.10 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

Tgt Ion: 79 Resp: 729
 Ion Ratio Lower Upper
 79 100
 108 0.0 57.6 86.4#
 77 118.5 53.5 80.3#





#20

3+4-Methylphenols

Concen: 7.34 ng

RT: 7.57 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

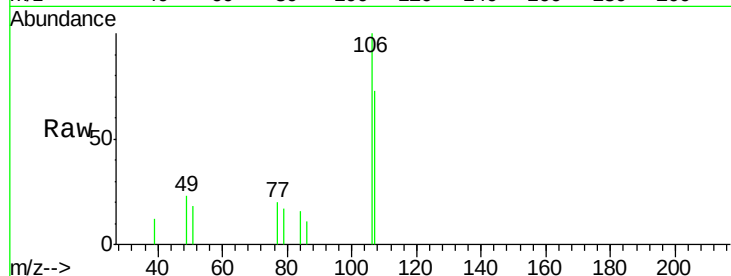
Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

Tot Ion:	107	Resp:	3550
Ion	Ratio	Lower	Upper
107	100		
108	0.0	64.4	104.4#
77	27.9	9.7	49.7
79	23.8	4.0	44.0

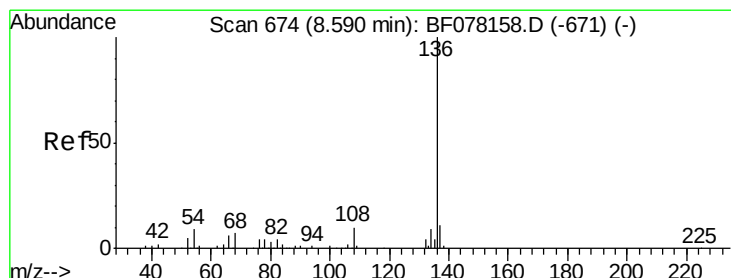
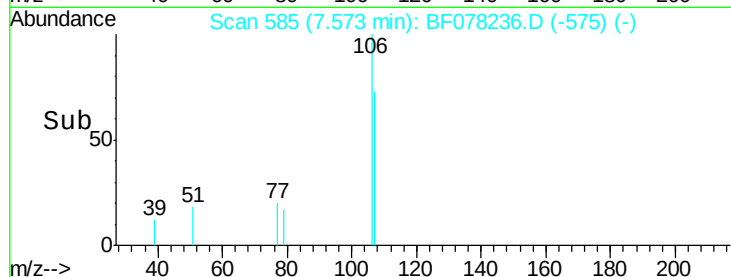
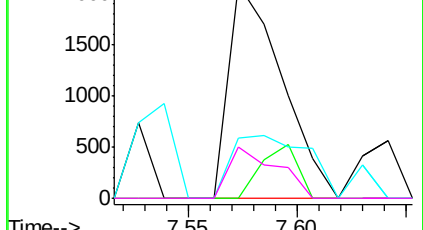


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

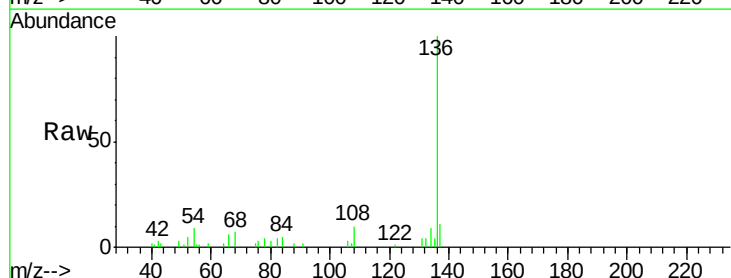
RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Tgt Ion:	136	Resp:	28534
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.0	7.0	10.6
68	7.2	5.4	8.2

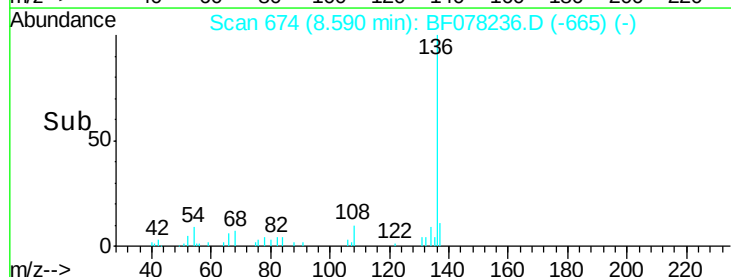
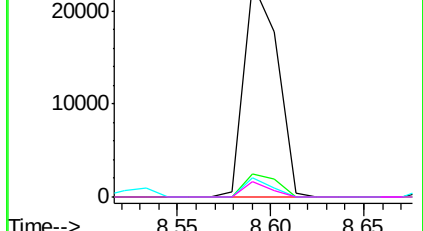


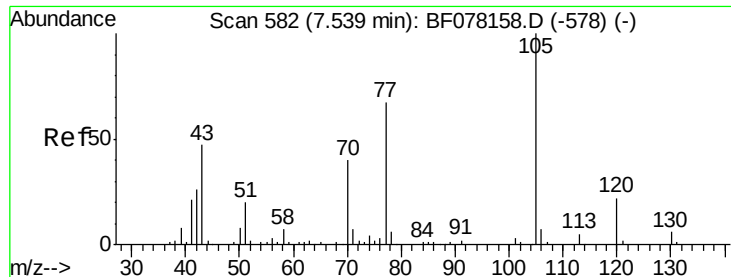
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

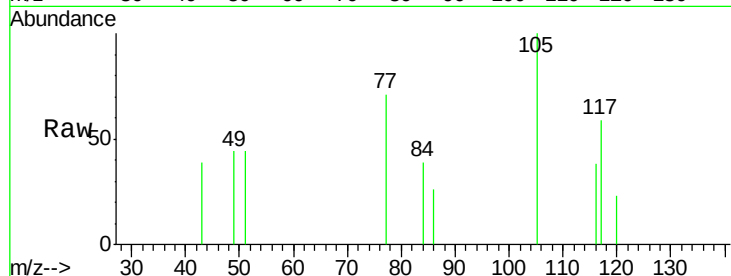




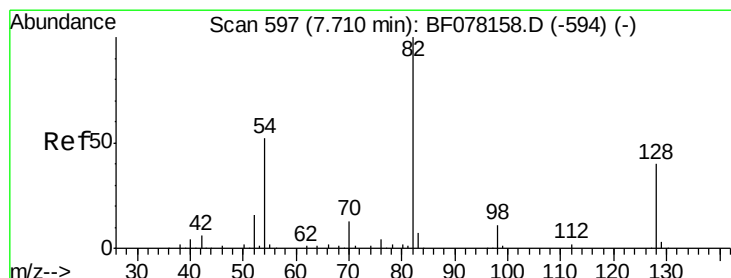
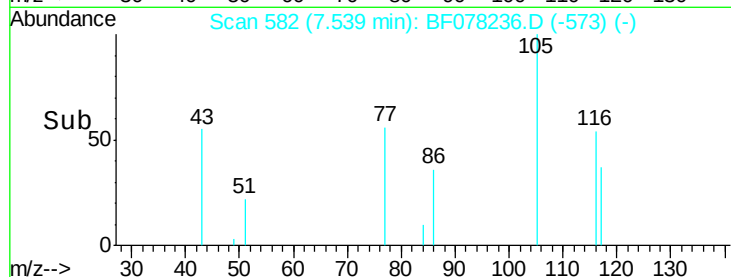
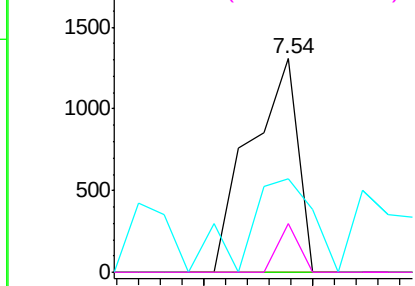
#22
Acetophenone
Concen: 3.01 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

Tot Ion:105 Resp: 2002
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 44.0 16.0 24.0#
120 23.0 17.8 26.6

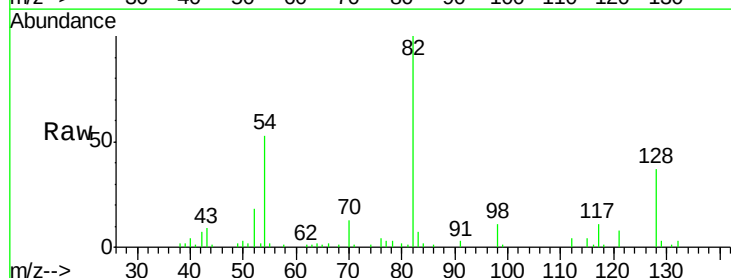


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

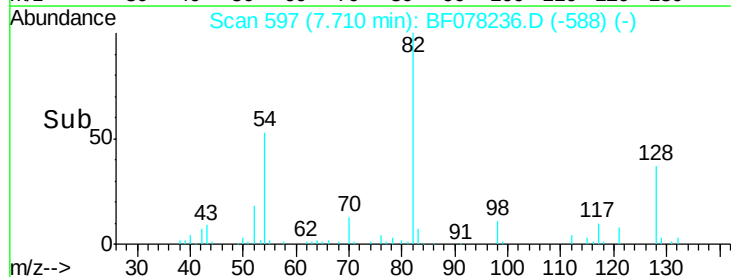
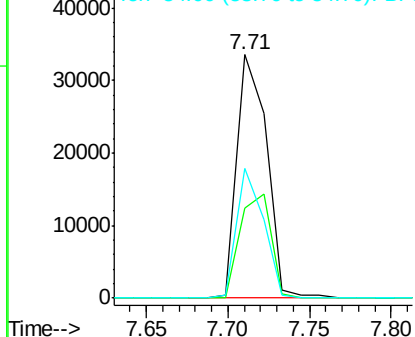


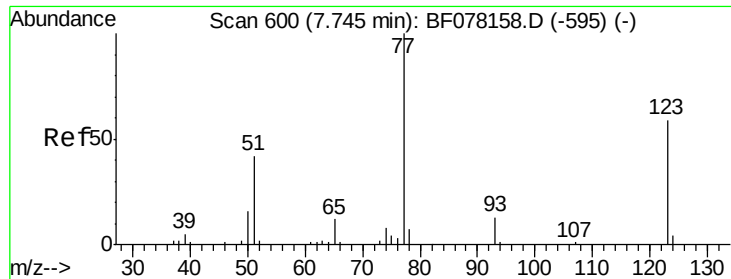
#23
Nitrobenzene-d5
Concen: 89.45 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Tgt Ion: 82 Resp: 42107
Ion Ratio Lower Upper
82 100
128 36.9 31.8 47.8
54 53.2 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: 8.10 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

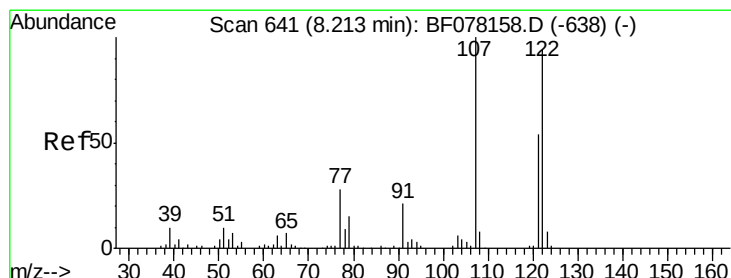
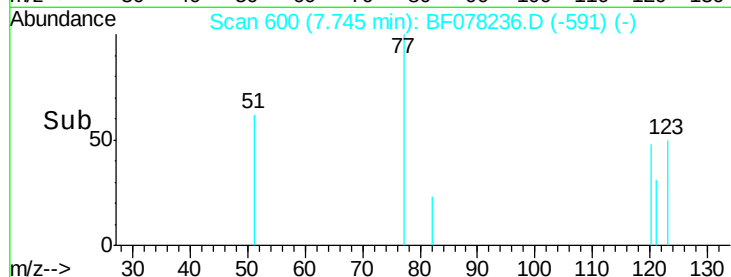
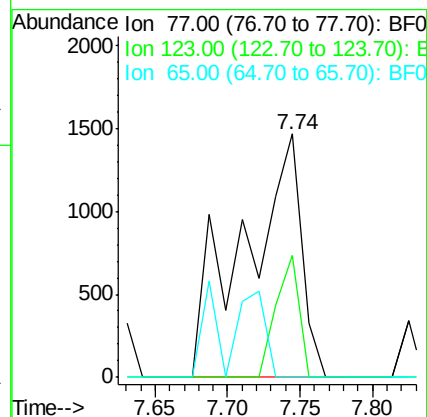
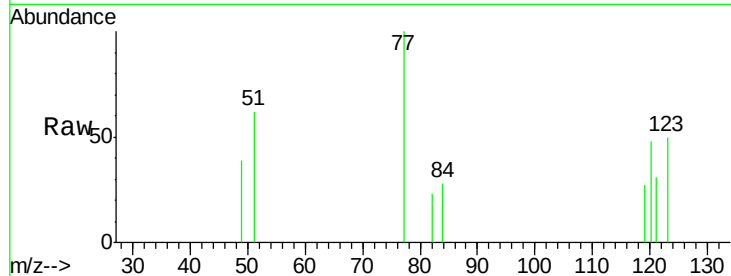
Tot Ion: 77 Resp: 3986

Ion Ratio Lower Upper

77 100

123 50.2 46.9 70.3

65 0.0 9.5 14.3#



#27

2,4-Dimethylphenol

Concen: 4.40 ng

RT: 8.22 min Scan# 642

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

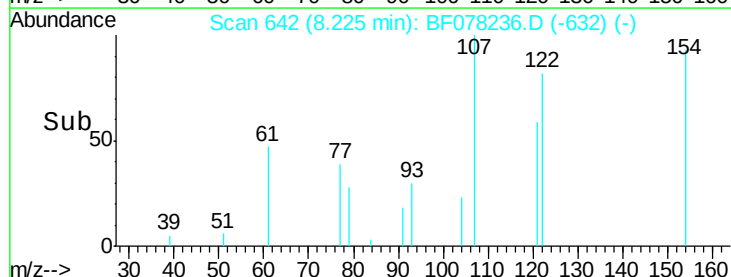
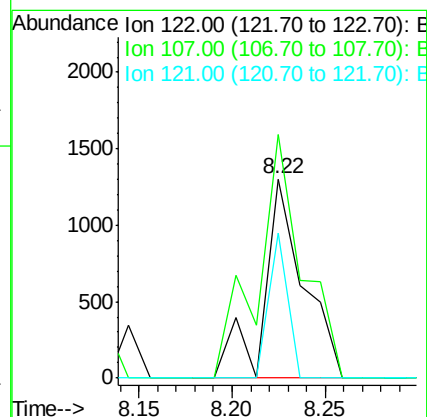
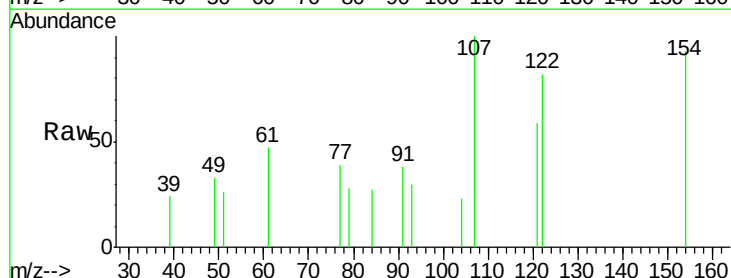
Tgt Ion: 122 Resp: 1920

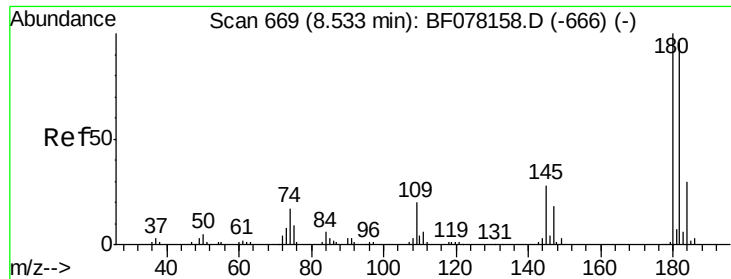
Ion Ratio Lower Upper

122 100

107 122.3 84.6 127.0

121 72.6 46.0 69.0#

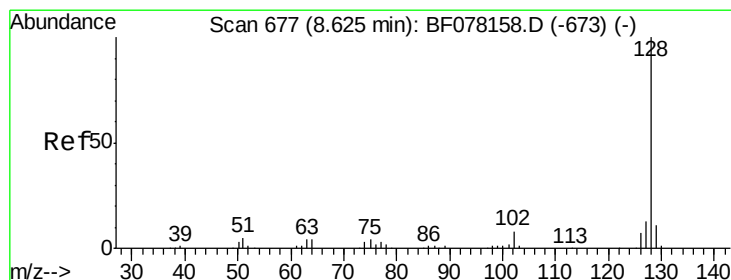
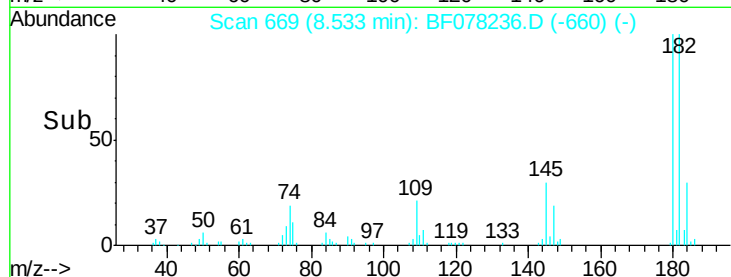
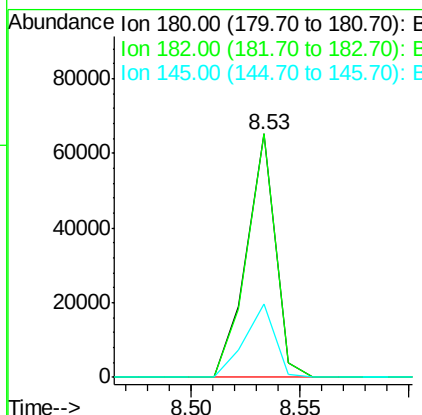
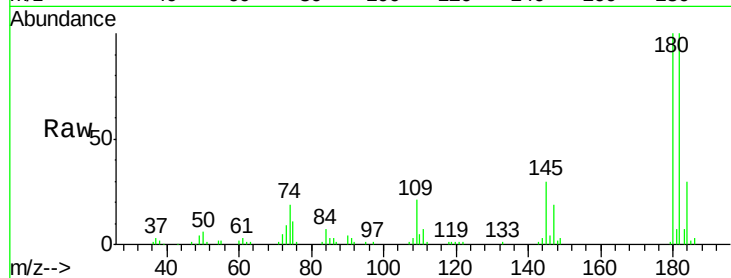




#30
 1,2,4-Trichlorobenzene
 Concen: 132.59 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

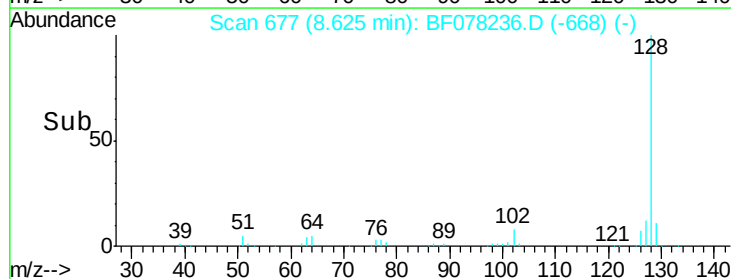
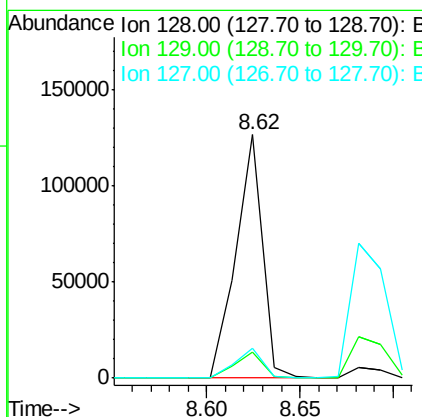
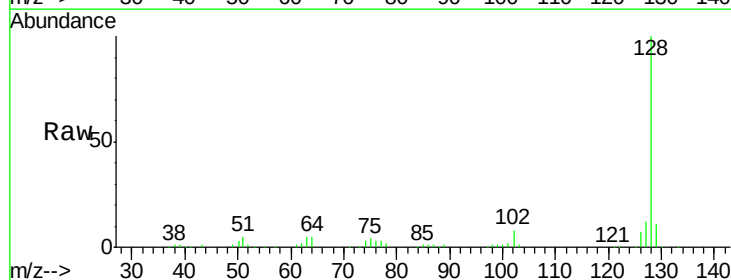
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

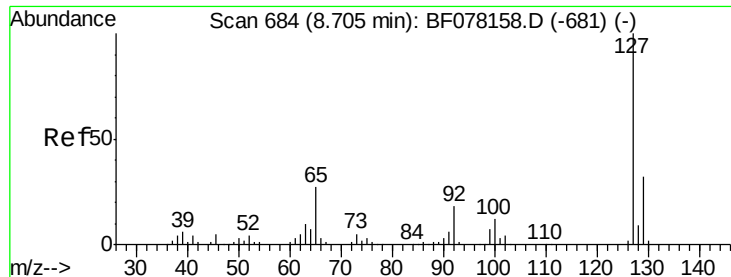
Tot Ion:180 Resp: 60313
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.9 115.3
 145 30.0 22.5 33.7



#31
 Naphthalene
 Concen: 85.14 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

Tgt Ion:128 Resp: 126450
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 12.8
 127 12.5 10.7 16.1

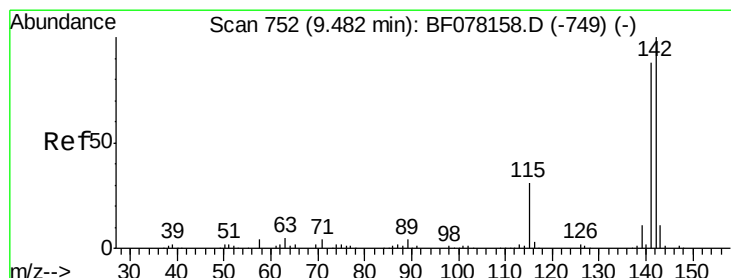
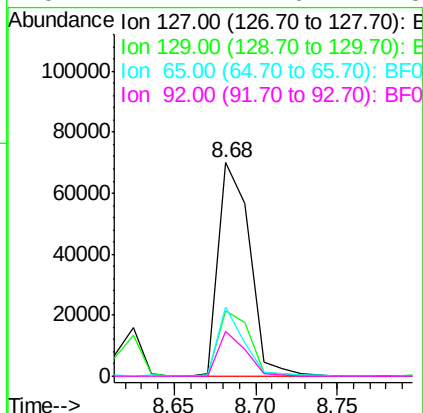
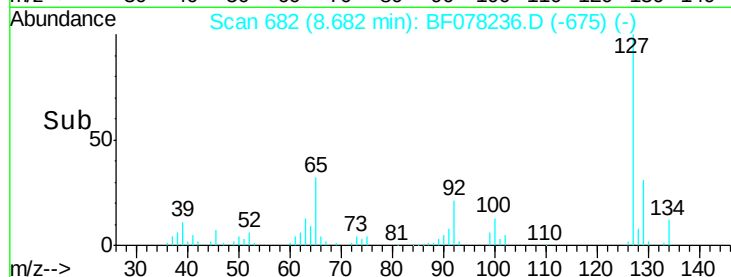
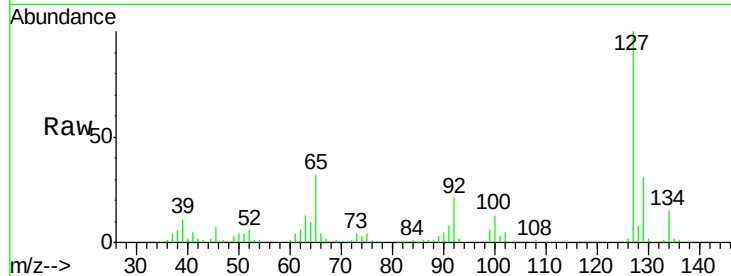




#33
4-Chloroaniline
Concen: 150.99 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

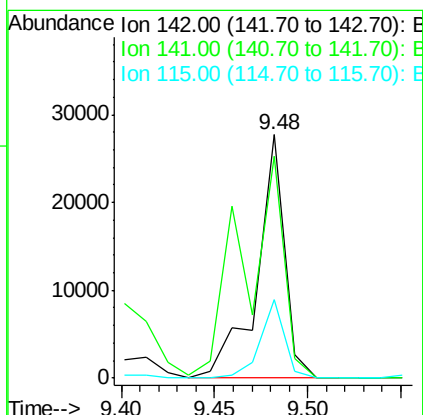
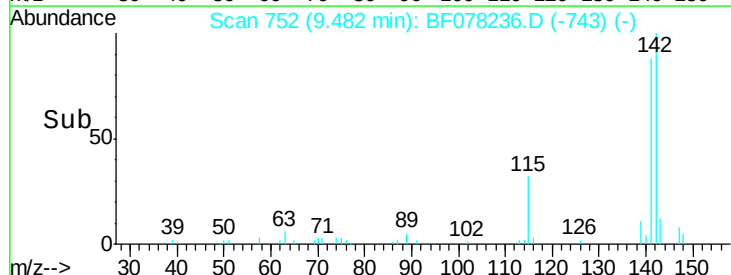
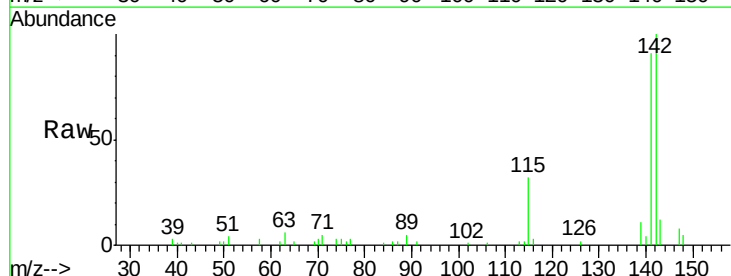
Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

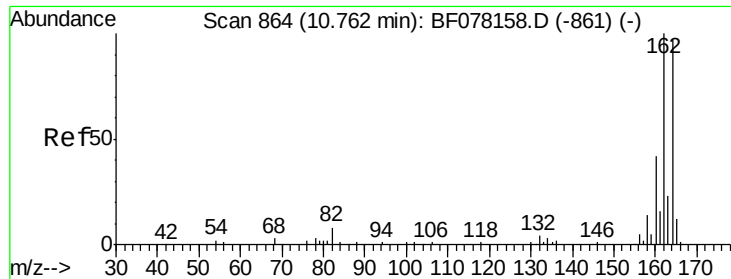
Tot Ion:127	Resp:	93054
Ion Ratio	Lower	Upper
127	100	
129	30.7	25.5 38.3
65	32.3	21.7 32.5
92	21.1	14.6 21.8



#37
2-Methylnaphthalene
Concen: 28.79 ng
RT: 9.48 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Tgt Ion:142	Resp:	29033
Ion Ratio	Lower	Upper
142	100	
141	90.9	70.3 105.5
115	32.1	24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

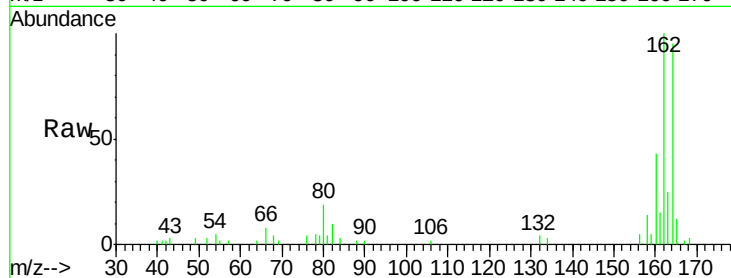
Tot Ion:164 Resp: 14349

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.2

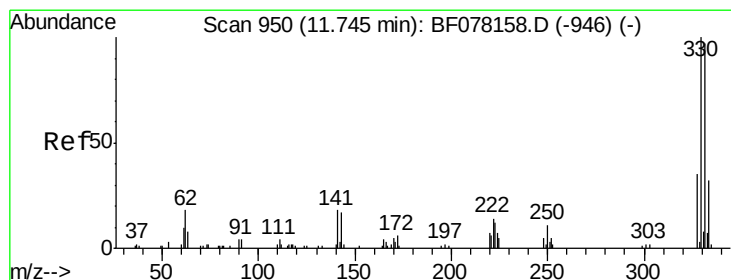
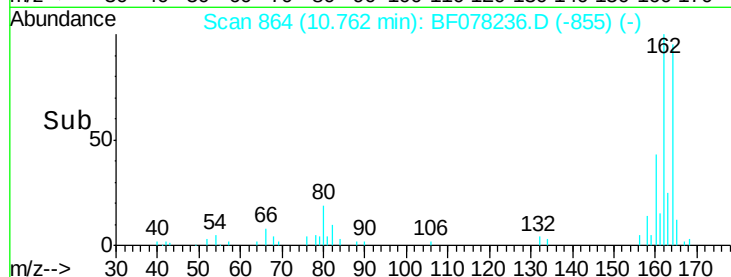
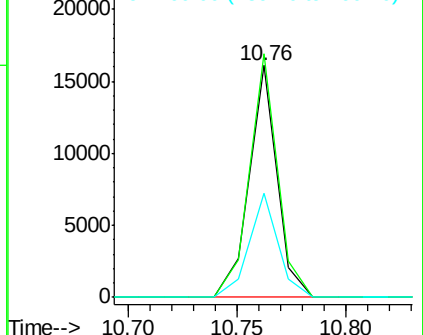
160 44.6 34.7 52.1



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: 139.72 ng

RT: 11.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

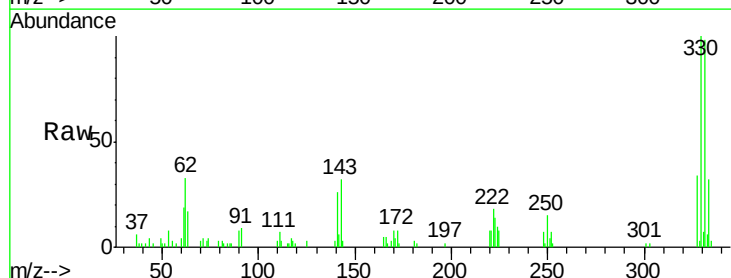
Tgt Ion:330 Resp: 16627

Ion Ratio Lower Upper

330 100

332 98.6 78.6 117.8

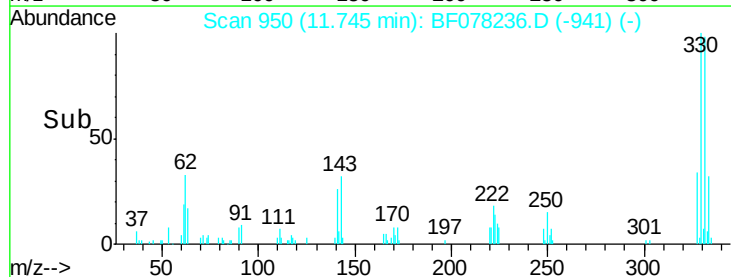
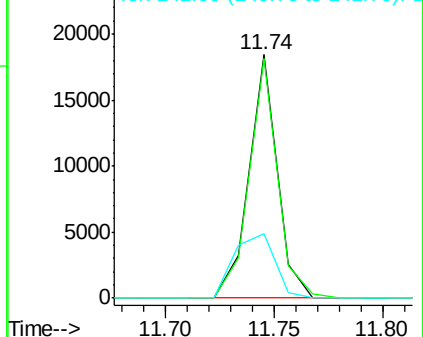
141 38.4 31.2 46.8

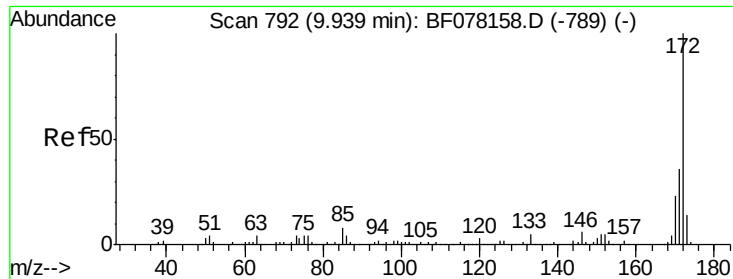


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

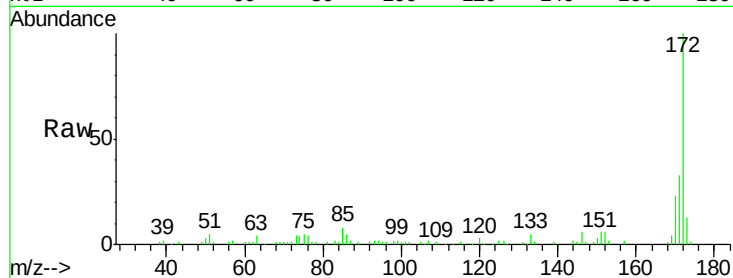




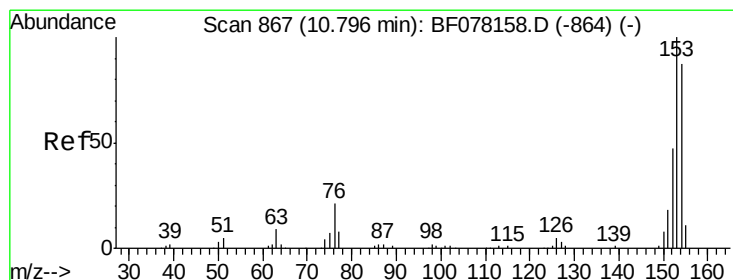
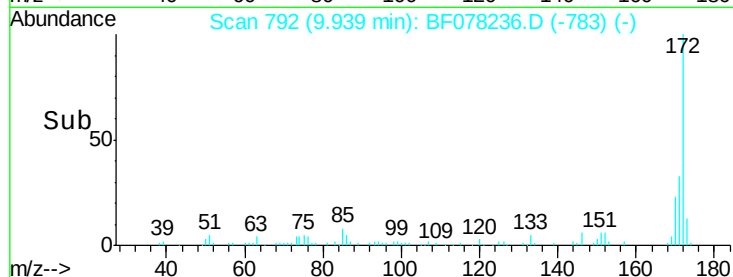
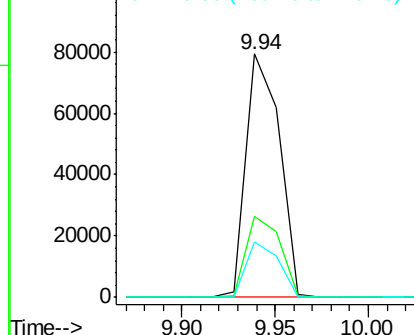
#44
 2-Fluorobiphenyl
 Concen: 98.33 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

Tot Ion:172 Resp: 98710
 Ion Ratio Lower Upper
 172 100
 171 33.3 28.6 42.8
 170 23.0 18.5 27.7

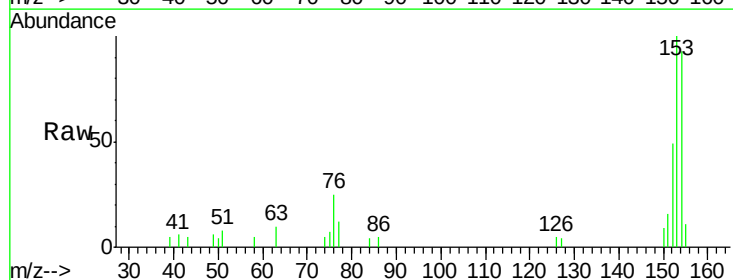


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

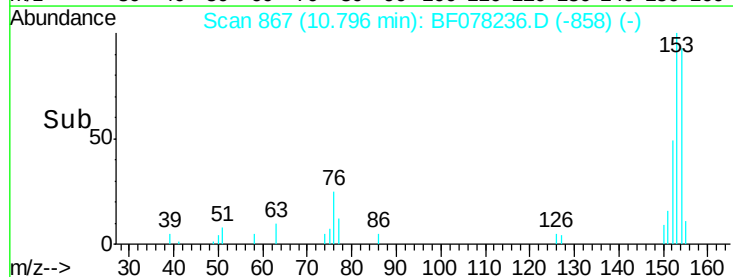
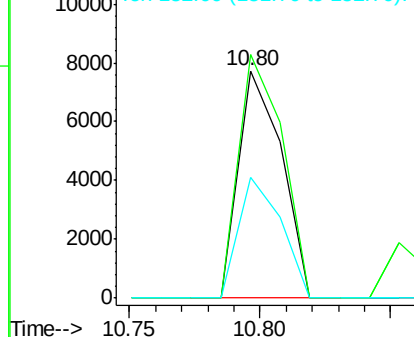


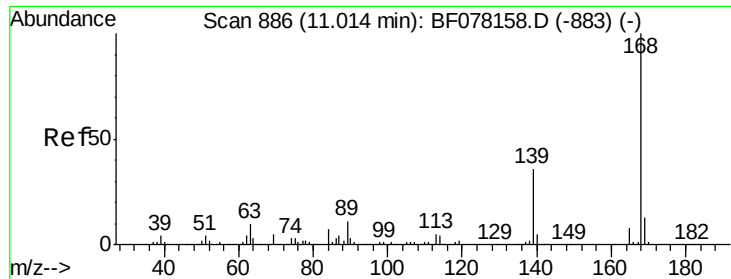
#51
 Acenaphthene
 Concen: 10.64 ng
 RT: 10.80 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

Tgt Ion:154 Resp: 8935
 Ion Ratio Lower Upper
 154 100
 153 107.2 91.4 137.2
 152 53.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

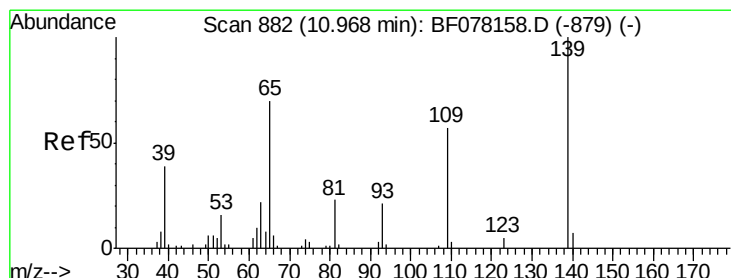
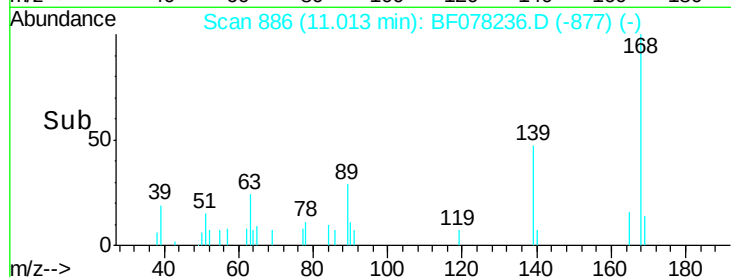
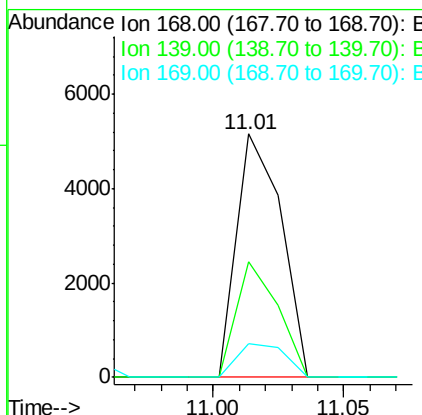
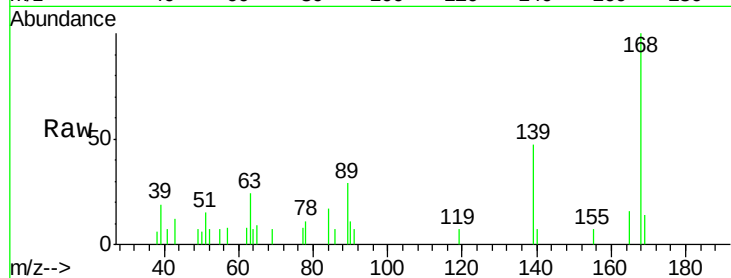




#54
Dibenzenofuran
Concen: 4.82 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

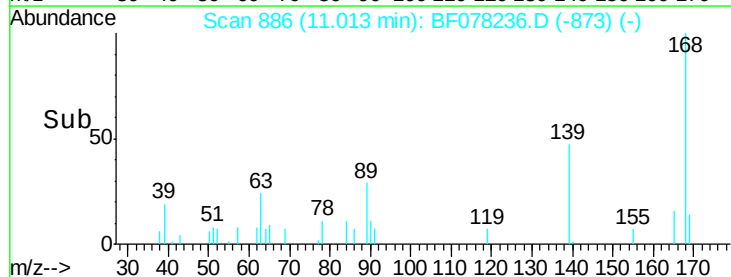
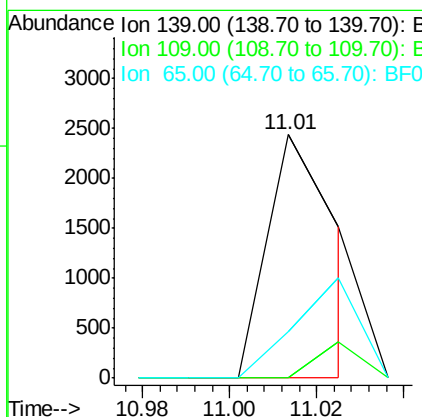
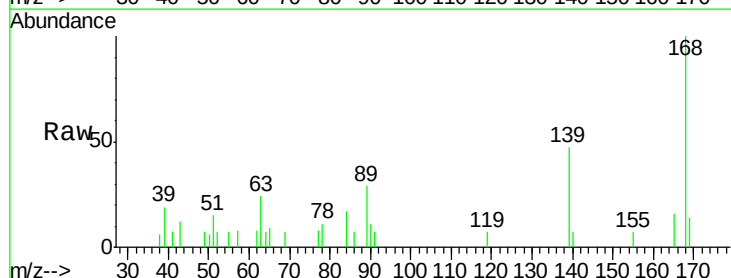
Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

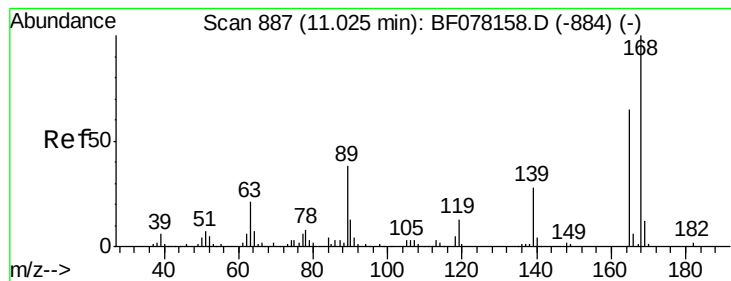
Tot Ion:168 Resp: 6183
Ion Ratio Lower Upper
168 100
139 47.3 31.0 46.4#
169 14.0 10.7 16.1



#55
4-Nitrophenol
Concen: 16.89 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.05 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Tgt Ion:139 Resp: 2717
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 19.1 49.9 89.9#

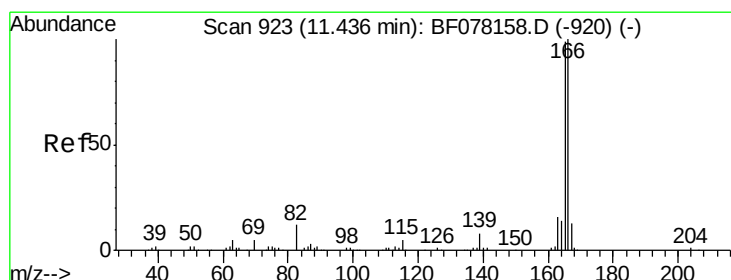
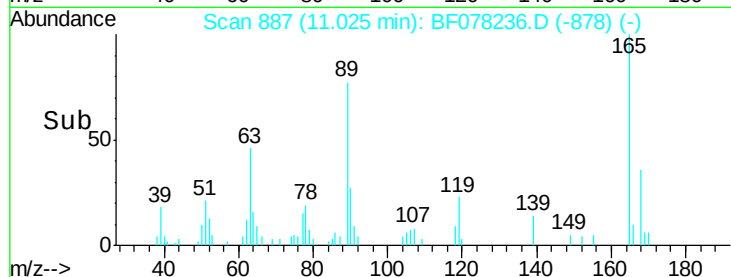
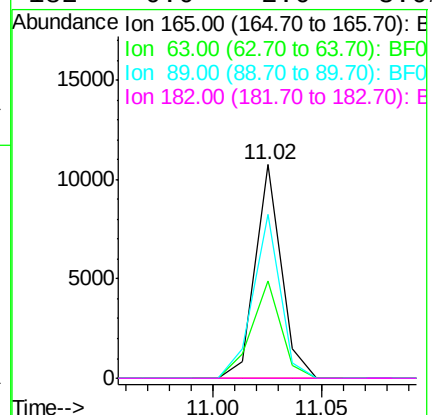
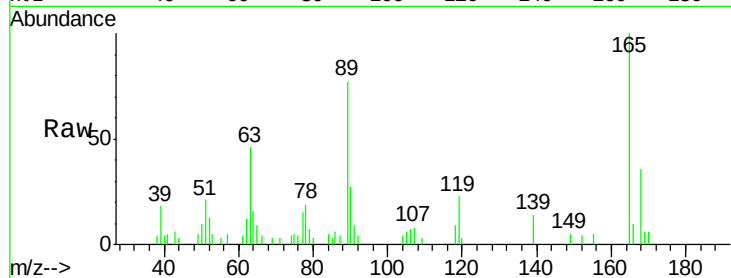




#56
 2,4-Dinitrotoluene
 Concen: 31.21 ng
 RT: 11.02 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

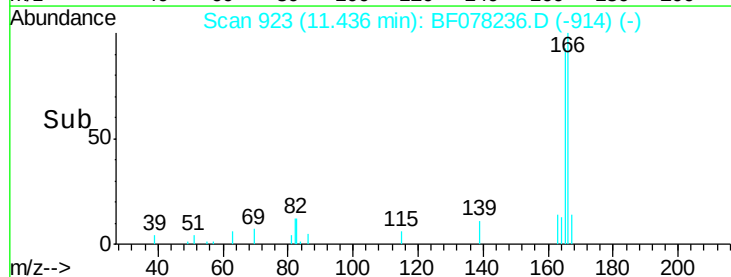
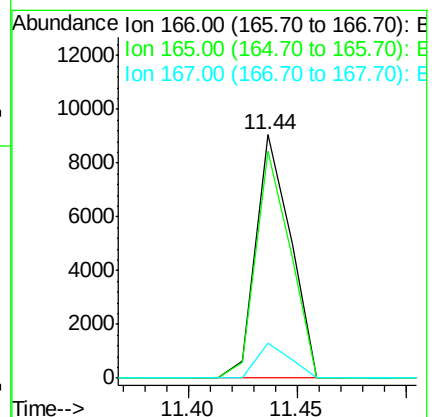
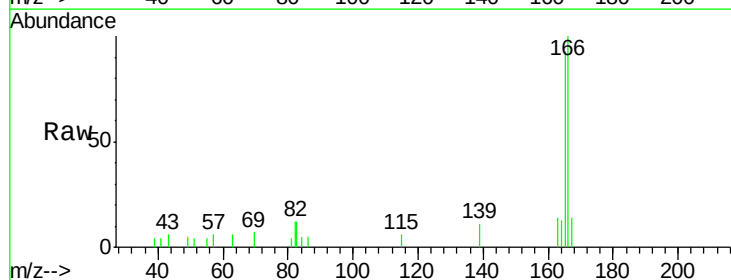
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

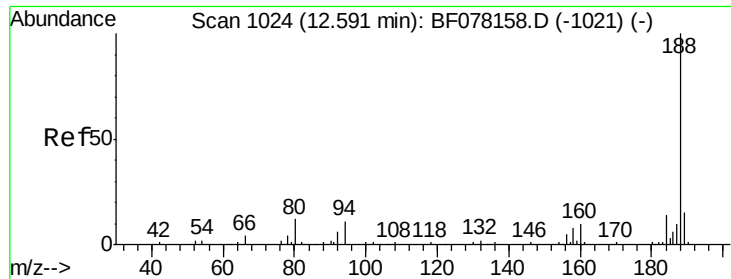
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	26.5	39.7#
89	77.0	46.4	69.6#
182	0.0	2.0	3.0#



#57
 Fluorene
 Concen: 9.72 ng
 RT: 11.44 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF078236.D
 Acq: 3 Apr 2015 10:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	78.9	118.3
167	14.2	10.7	16.1

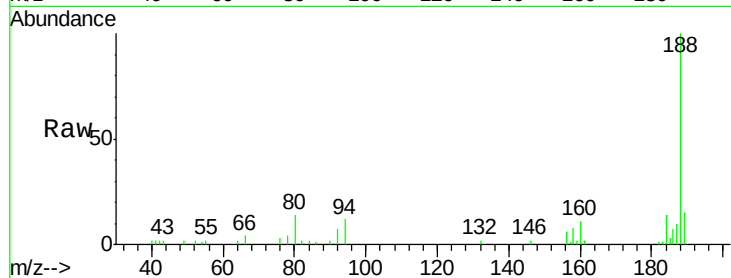




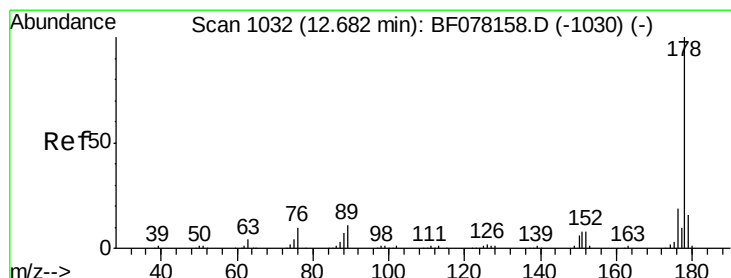
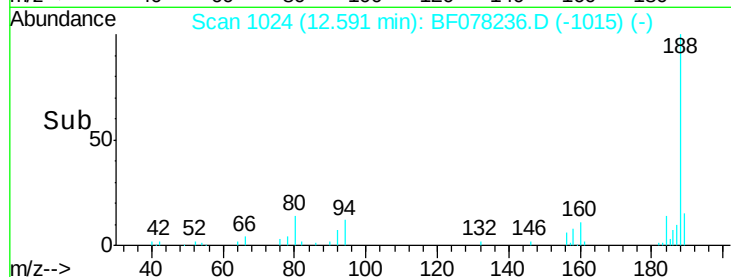
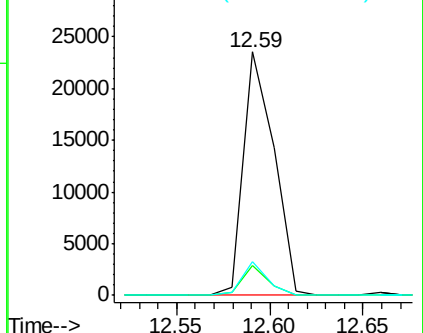
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

Tot Ion:188 Resp: 26765
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.4
80 13.8 9.5 14.3

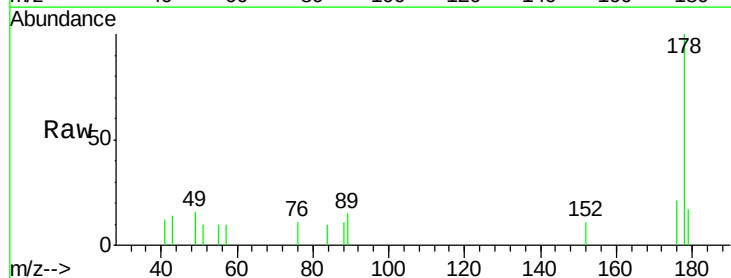


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

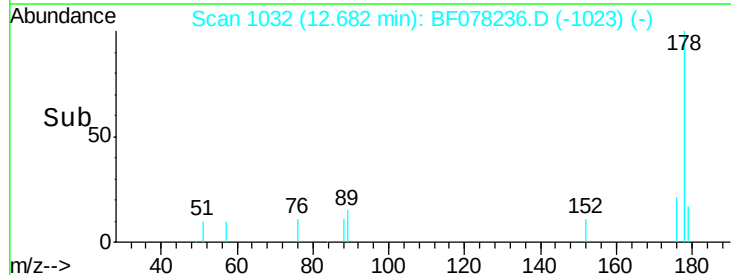
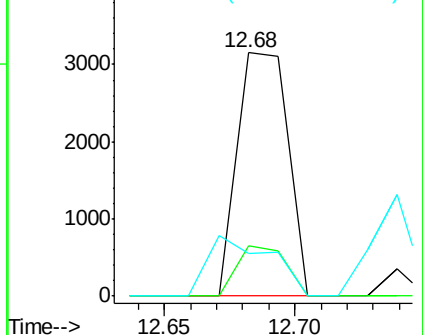


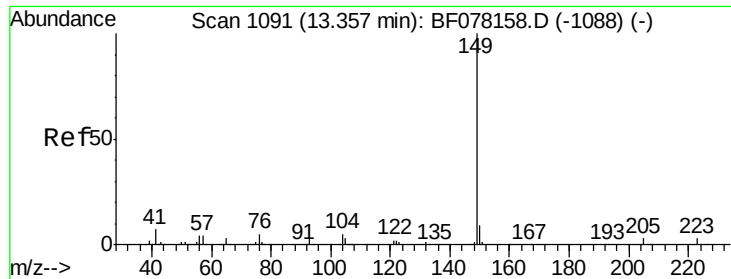
#71
Anthracene
Concen: 2.82 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078236.D
Acq: 3 Apr 2015 10:18

Tgt Ion:178 Resp: 4297
Ion Ratio Lower Upper
178 100
176 20.9 14.8 22.2
179 17.5 12.4 18.6



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





#73

Di-n-butylphthalate

Concen: 33.56 ng

RT: 13.36 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

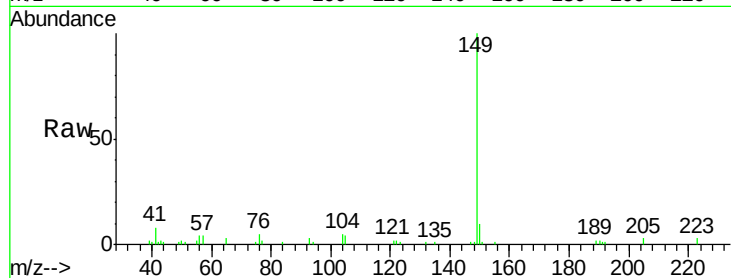
Tot Ion:149 Resp: 54362

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

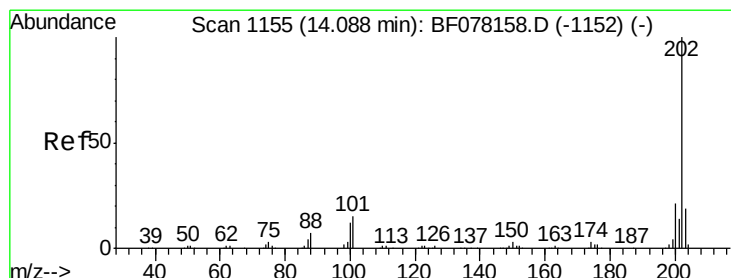
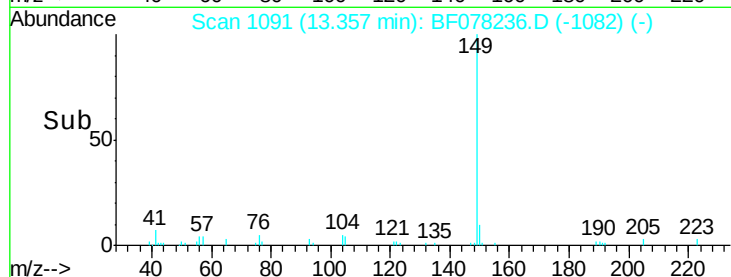
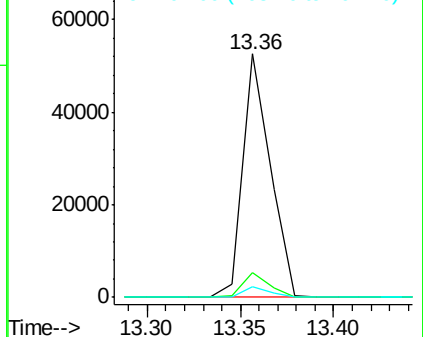
104 4.6 3.8 5.6



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: 2.06 ng

RT: 14.10 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

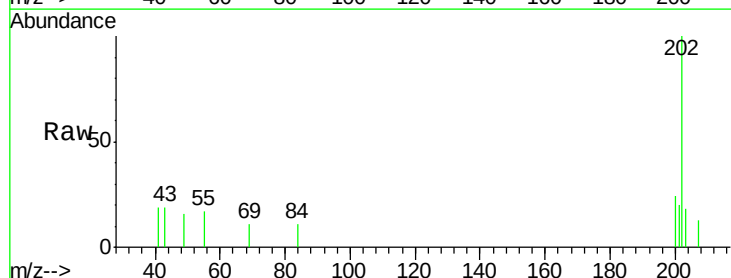
Tgt Ion:202 Resp: 3358

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

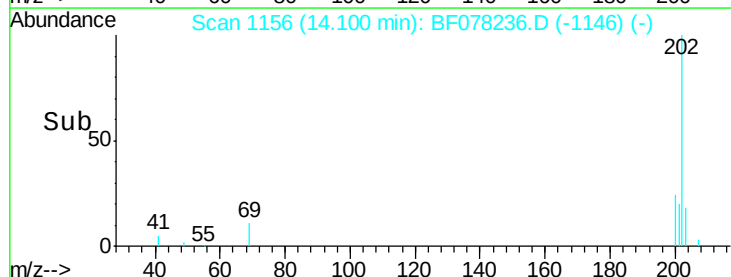
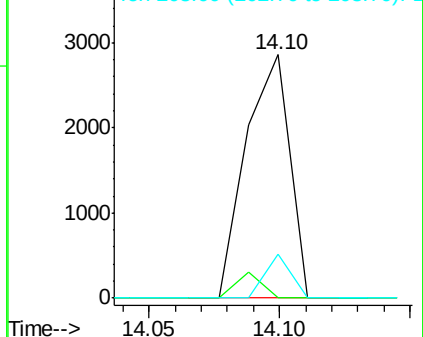
203 18.2 0.0 38.5

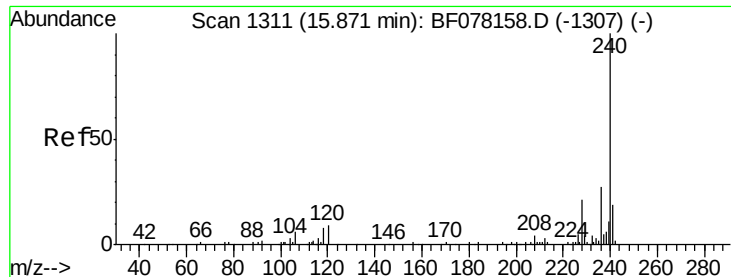


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.87 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

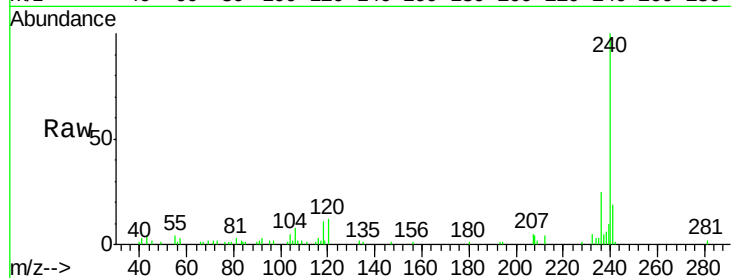
Tot Ion:240 Resp: 28991

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

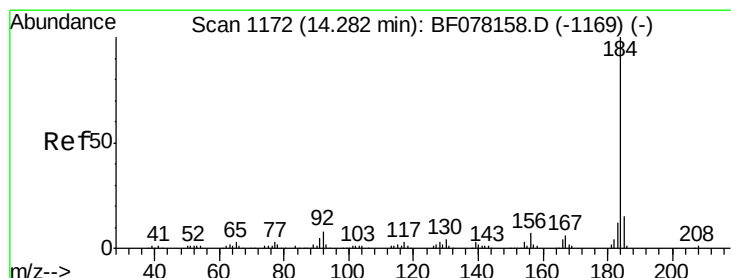
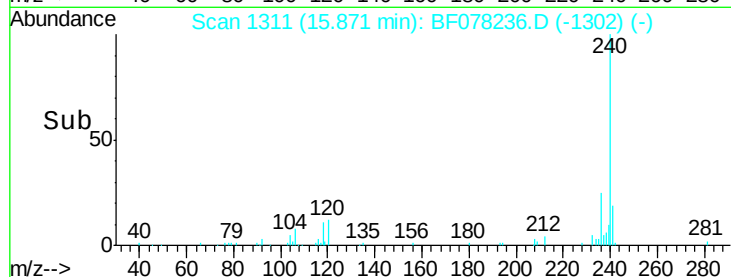
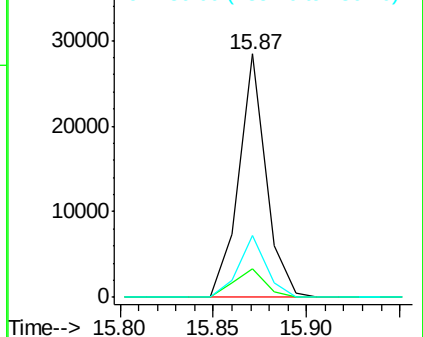
236 25.3 21.4 32.2



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



#76

Benzidine

Concen: 2.84 ng

RT: 14.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

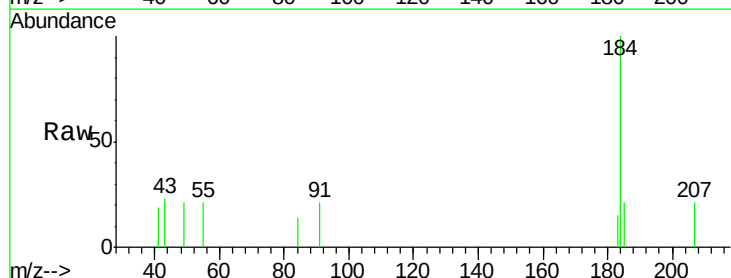
Tgt Ion:184 Resp: 3168

Ion Ratio Lower Upper

184 100

185 20.7 12.2 18.2#

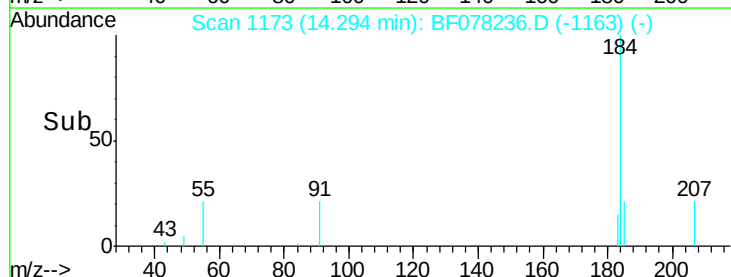
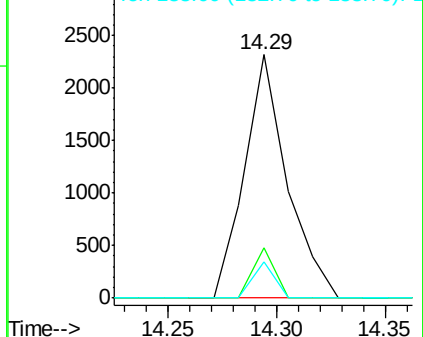
183 14.8 9.5 14.3#

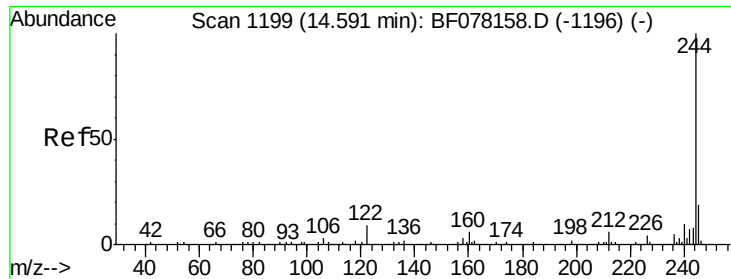


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.11 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

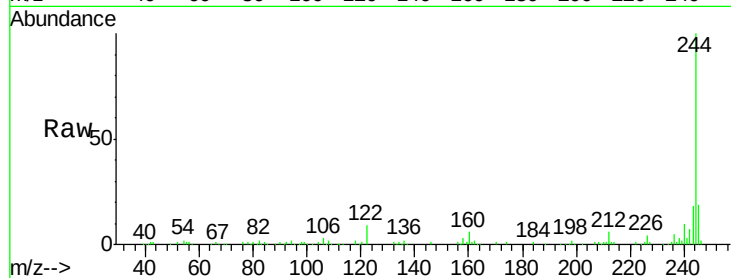
Tot Ion:244 Resp: 111759

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

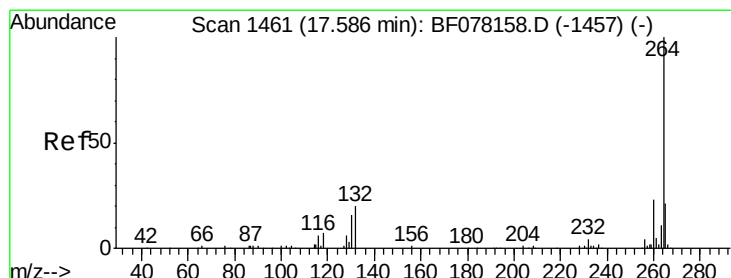
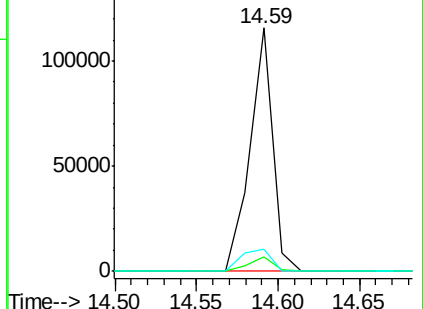
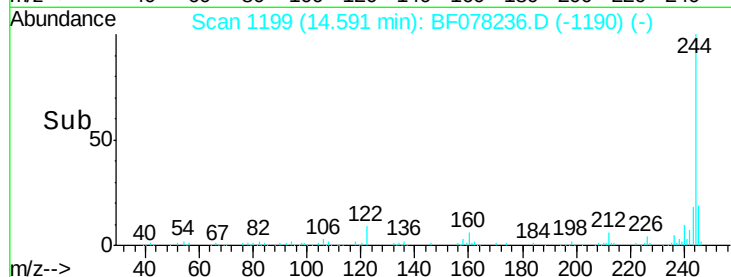
122 9.1 7.1 10.7



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: 17.62 min Scan# 1464

Delta R.T. 0.03 min

Lab File: BF078236.D

Acq: 3 Apr 2015 10:18

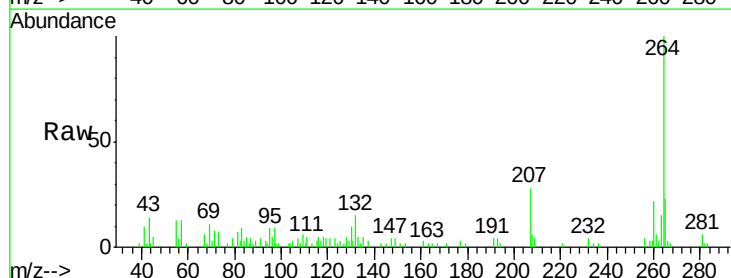
Tgt Ion:264 Resp: 29240

Ion Ratio Lower Upper

264 100

260 21.9 18.6 27.8

265 22.8 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

