

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103181.D
 Acq On : 22 Feb 2018 23:40
 Operator : SJ/JU
 Sample : PB106758BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

Quant Time: Feb 23 04:54:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162871	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	674657	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	269187	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	368261	20.00	ng	0.00
75) Chrysene-d12	14.04	240	276238	20.00	ng	0.00
86) Perylene-d12	15.54	264	244688	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1130769	105.00	ng	0.02
7) Phenol-d6	6.50	99	1355584	102.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	877191	74.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	197416	86.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1329296	85.07	ng	0.00
78) Terphenyl-d14	12.98	244	831523	72.36	ng	0.00

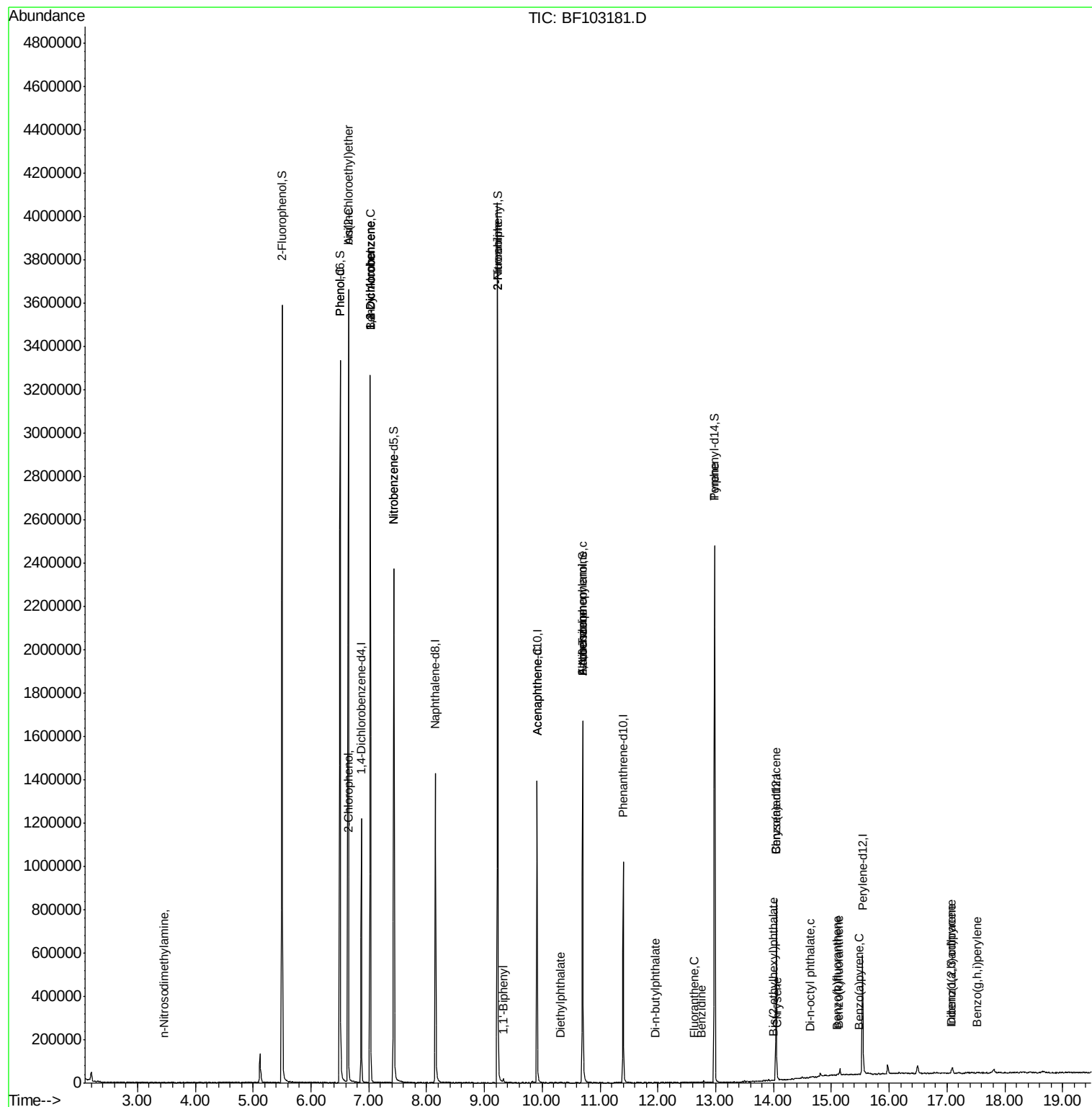
Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.46	42	128	0.021	ng	# 1
6) Aniline	6.65	93	1396	0.073	ng	# 1
8) 2-Chlorophenol	6.66	128	293	0.026	ng	# 1
10) Phenol	6.50	94	138	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	6.65	93	1396	0.120	ng	# 1
12) 1,3-Dichlorobenzene	7.03	146	134	0.010	ng	# 1
13) 1,4-Dichlorobenzene	7.03	146	134	0.010	ng	# 1
14) 1,2-Dichlorobenzene	7.03	146	134	0.011	ng	# 1
15) Benzyl Alcohol	7.03	79	13530	1.363	ng	# 33
24) Nitrobenzene	7.43	77	2522	0.194	ng	# 32
45) 1,1'-Biphenyl	9.33	154	4777	0.212	ng	# 97
47) 2-Nitroaniline	9.23	65	2466	0.373	ng	# 1
51) Acenaphthene	9.91	154	866	0.054	ng	# 4
57) Fluorene	10.70	166	10826	0.578	ng	# 91
59) Diethylphthalate	10.32	149	1214	0.059	ng	# 61
62) Azobenzene	10.70	77	1137	0.054	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	6568	0.512	ng	# 45
73) Di-n-butylphthalate	11.96	149	496	0.019	ng	# 78
74) Fluoranthene	12.62	202	118	0.006	ng	# 62
76) Benzidine	12.76	184	437	0.042	ng	# 66
77) Pyrene	12.99	202	2581	0.120	ng	# 67
80) Benzo(a)anthracene	14.04	228	1325	0.074	ng	# 51
82) Chrysene	14.07	228	845	0.049	ng	# 70
83) Bis(2-ethylhexyl)phthalate	14.00	149	396	0.026	ng	# 57
84) Di-n-octyl phthalate	14.63	149	1607	0.065	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.06	276	1530	0.111	ng	# 55
87) Benzo(b)fluoranthene	15.10	252	1902	0.118	ng	# 71
88) Benzo(k)fluoranthene	15.13	252	1707	0.113	ng	# 84
89) Benzo(a)pyrene	15.47	252	929	0.065	ng	# 25
90) Dibenzo(a,h)anthracene	17.07	278	991	0.089	ng	# 14
91) Benzo(g,h,i)perylene	17.52	276	1071	0.099	ng	# 50

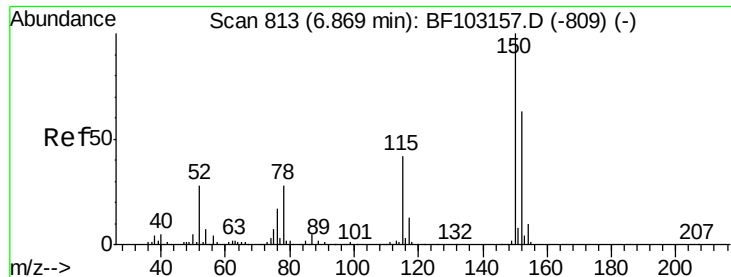
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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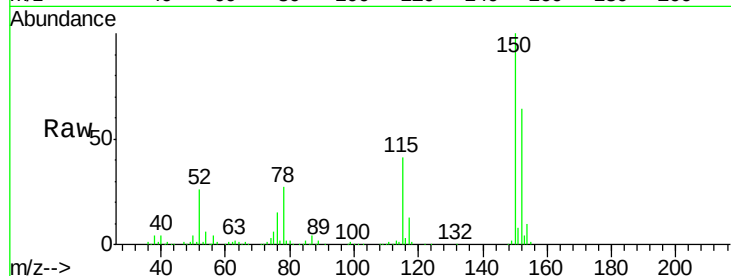


#1

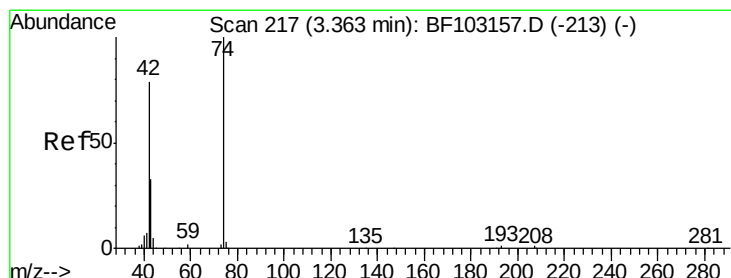
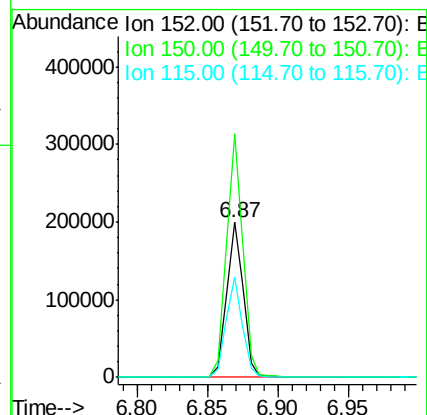
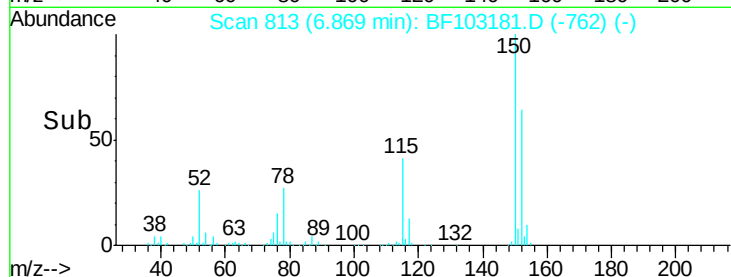
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Instrument :
BNA_F
ClientSampleId :
PB106758BL

Tot Ion:152 Resp: 162871
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 64.7 50.1 75.1



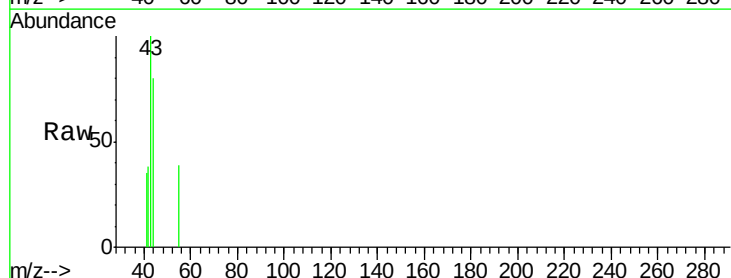
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



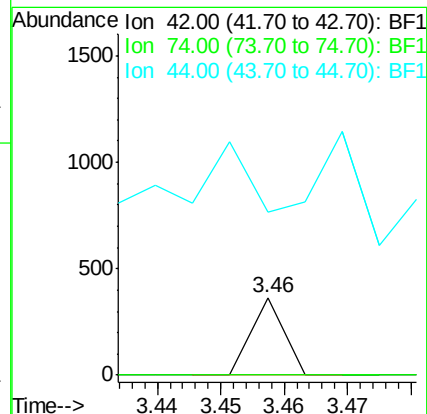
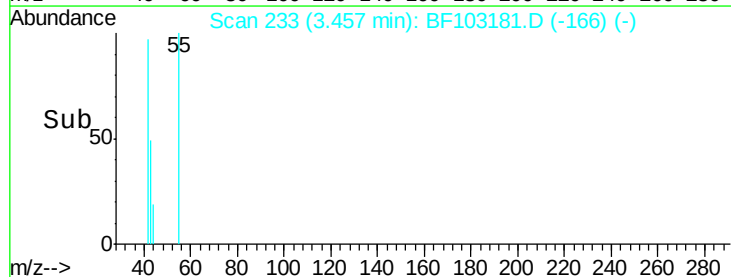
#4

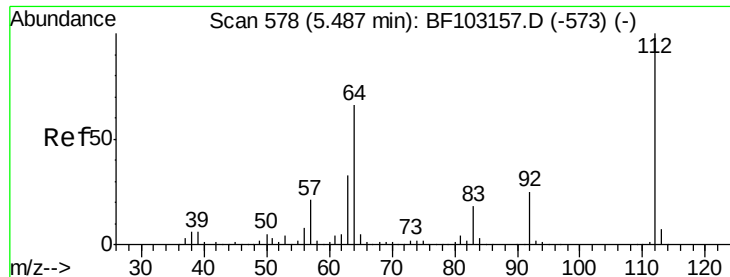
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion: 42 Resp: 128
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 210.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.004 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

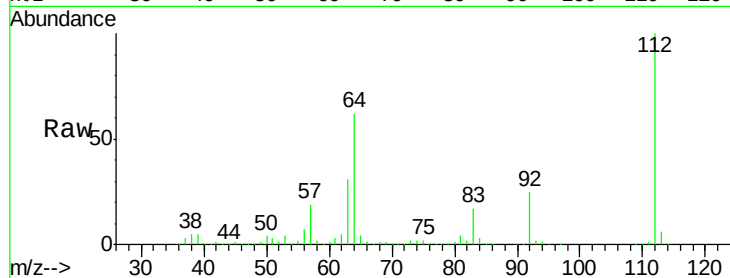
Tot Ion:112 Resp: 1130769

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

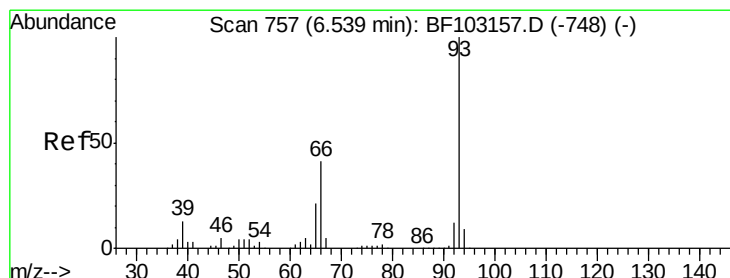
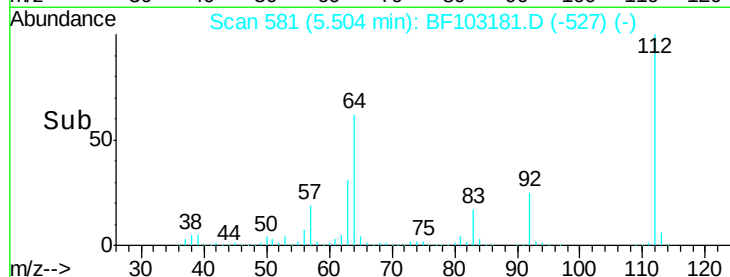
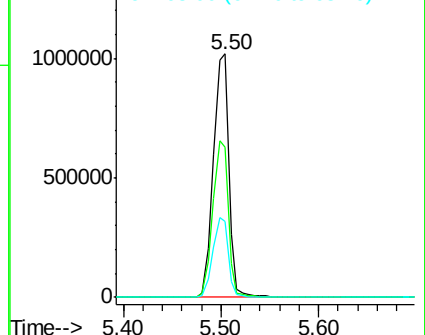
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.073 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.11 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

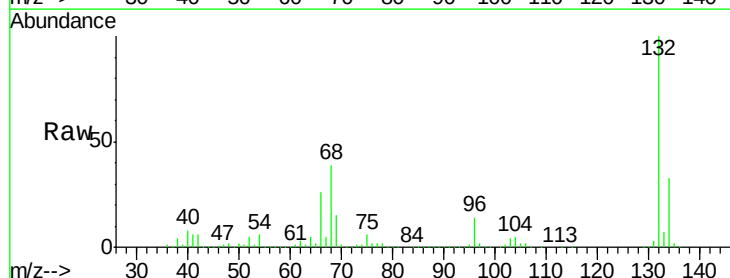
Tgt Ion: 93 Resp: 1396

Ion Ratio Lower Upper

93 100

66 19434.6 32.2 48.2#

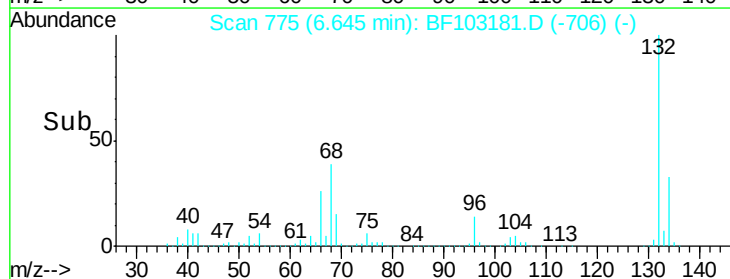
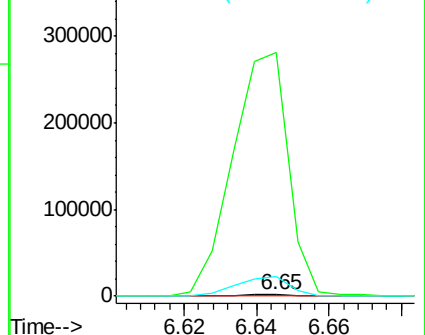
65 1583.4 16.4 24.6#

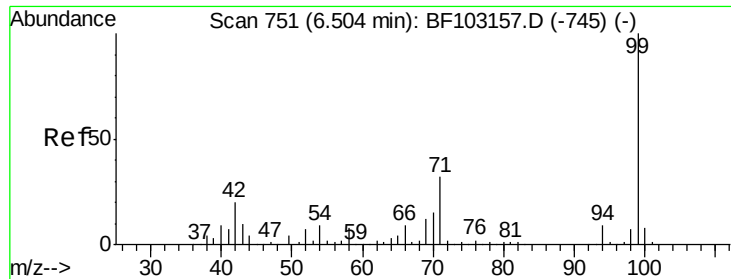


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.873 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

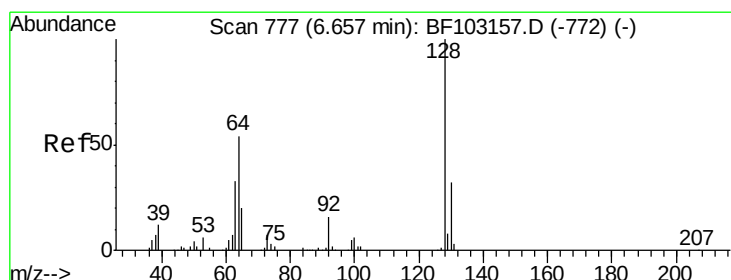
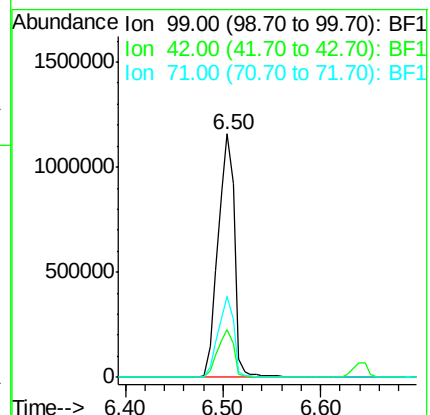
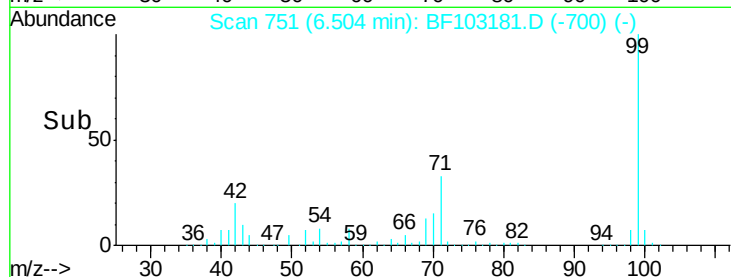
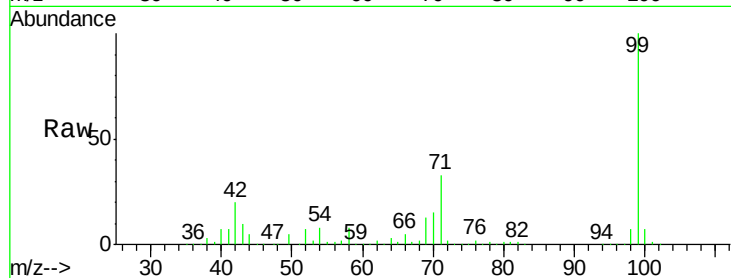
Tot Ion: 99 Resp: 1355584

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 0.026 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

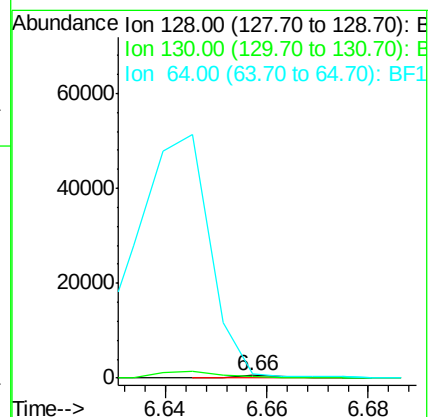
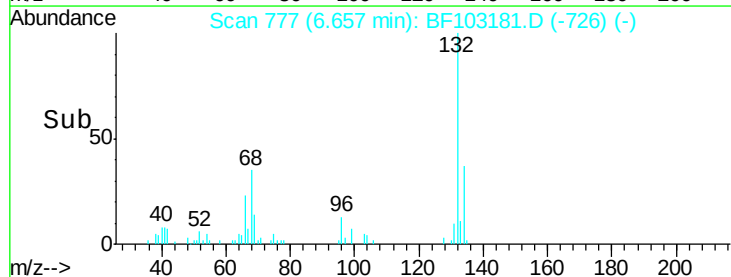
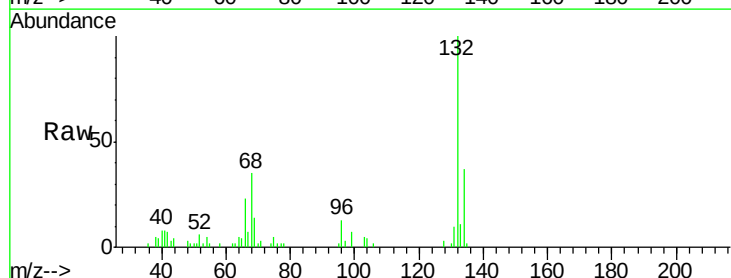
Tgt Ion: 128 Resp: 293

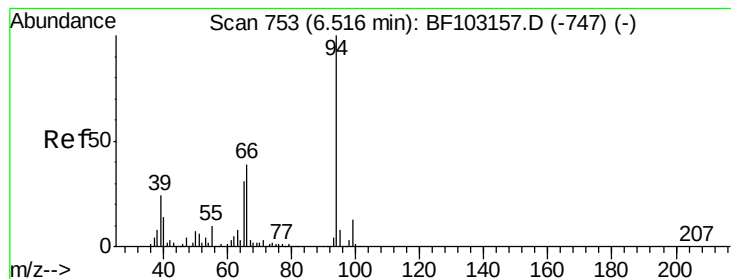
Ion Ratio Lower Upper

128 100

130 74.6 13.0 53.0#

64 194.3 29.4 69.4#





#10

Phenol

Concen: 0.009 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

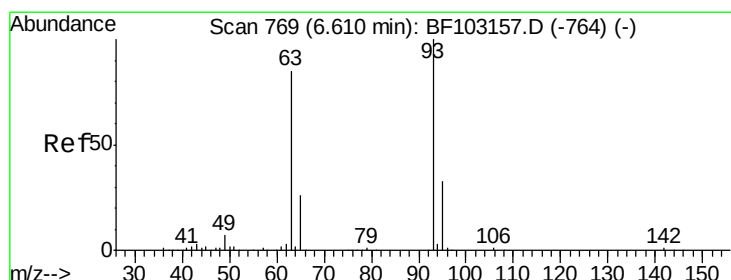
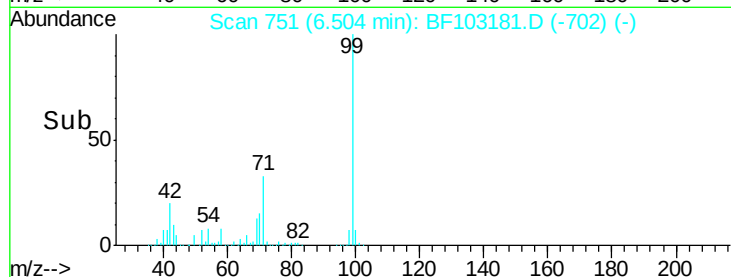
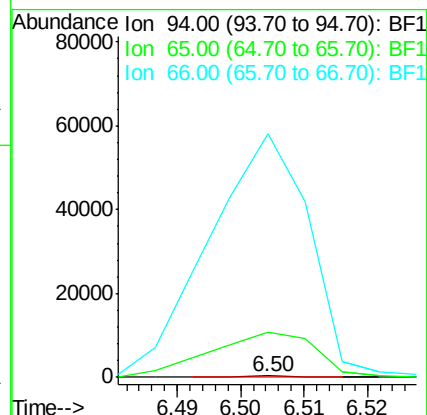
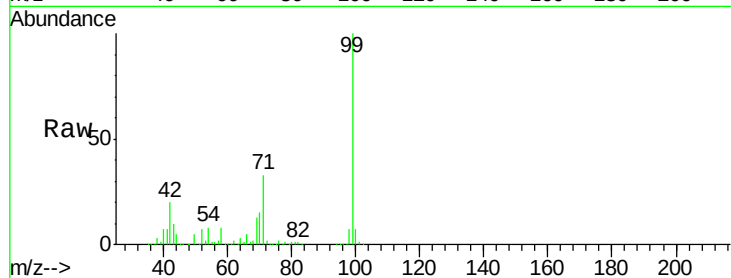
Tot Ion: 94 Resp: 138

Ion Ratio Lower Upper

94 100

65 2731.5 7.9 47.9#

66 14894.4 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.120 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.04 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

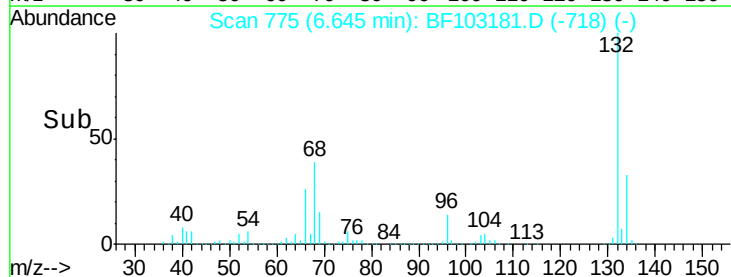
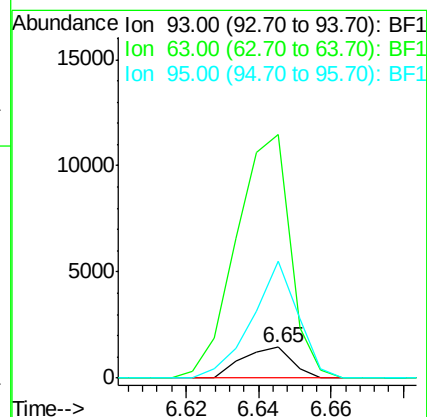
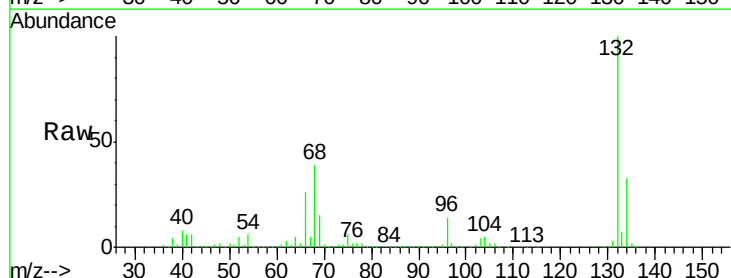
Tgt Ion: 93 Resp: 1396

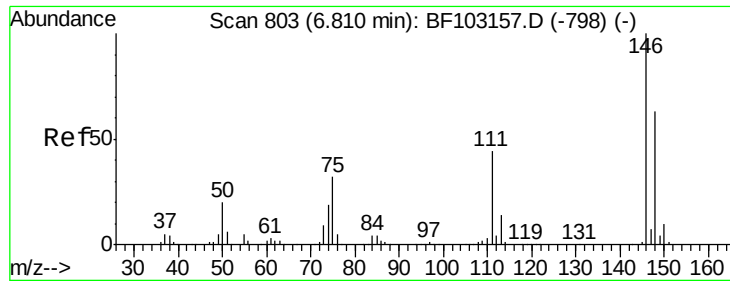
Ion Ratio Lower Upper

93 100

63 793.1 58.6 98.6#

95 382.8 11.8 51.8#

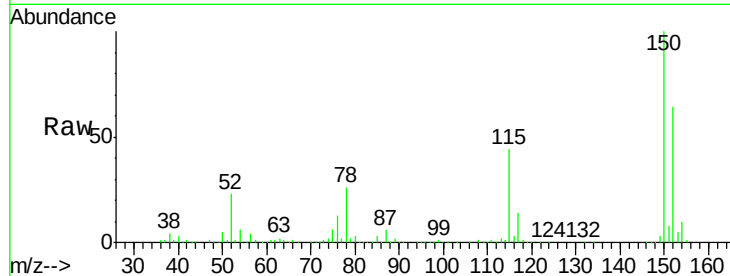




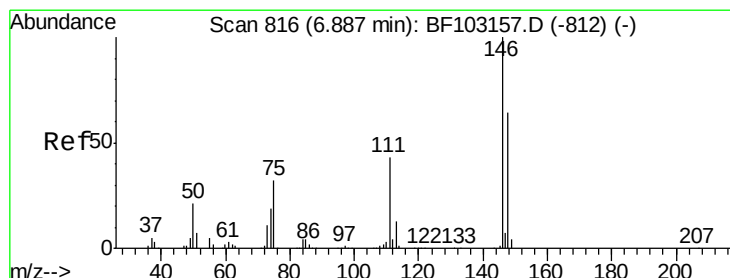
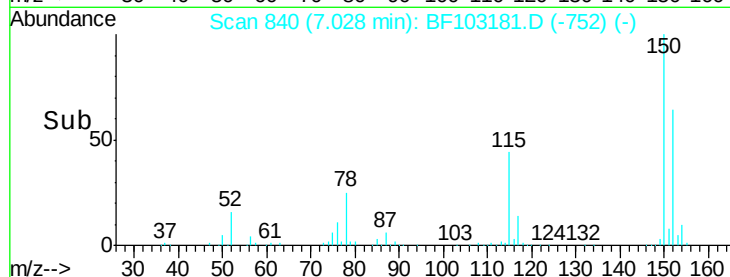
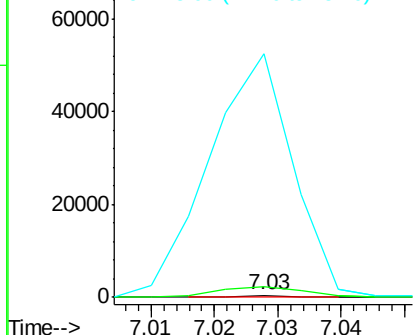
#12
 1,3-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.22 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

Tot Ion:146 Resp: 134
 Ion Ratio Lower Upper
 146 100
 148 592.7 51.8 77.8#
 75 13772.2 24.2 36.4#

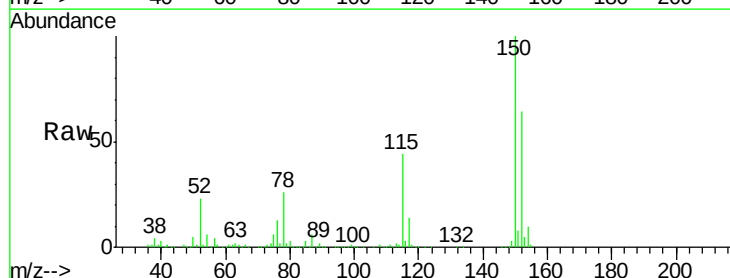


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

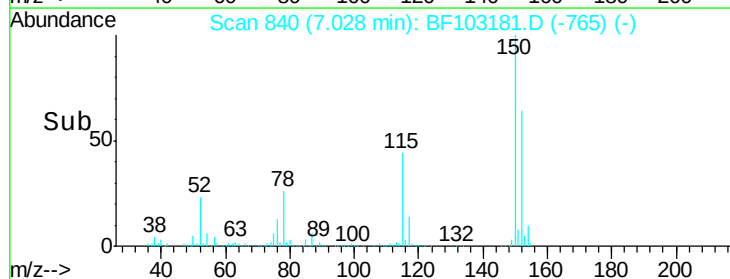
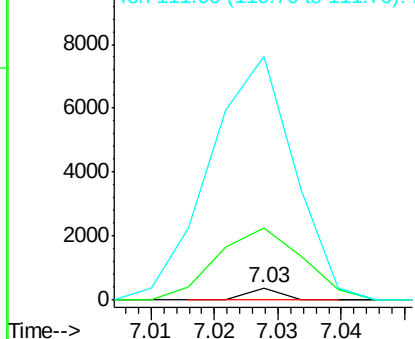


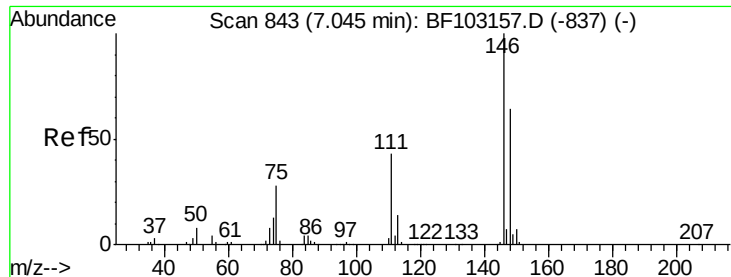
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.14 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Tgt Ion:146 Resp: 134
 Ion Ratio Lower Upper
 146 100
 148 592.7 50.8 76.2#
 111 1998.7 34.2 51.2#



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

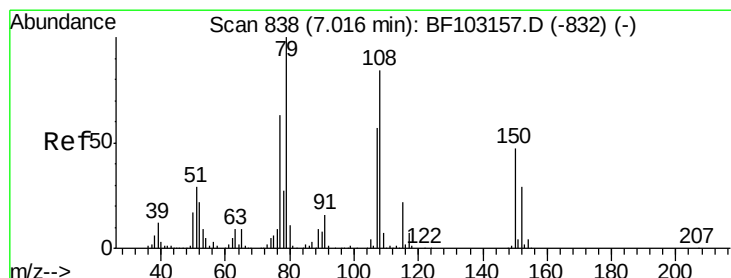
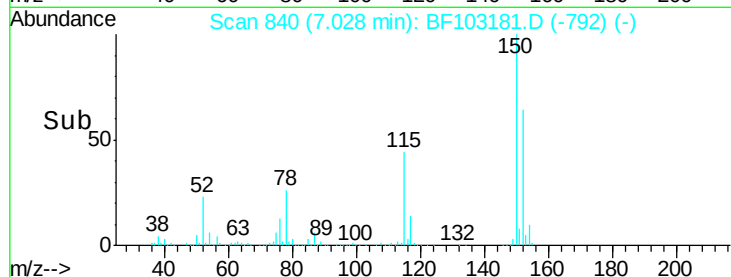
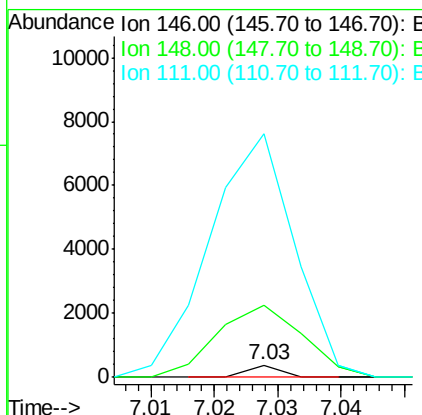
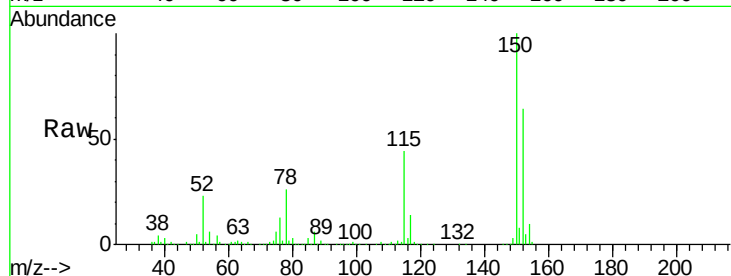




#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

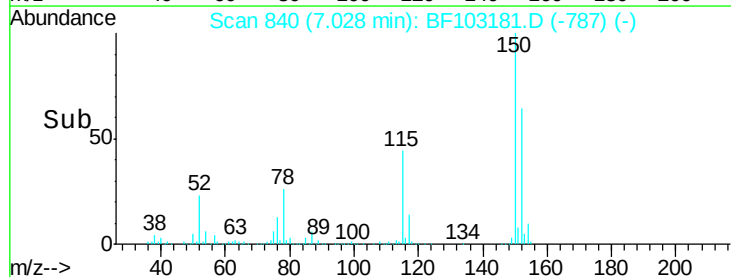
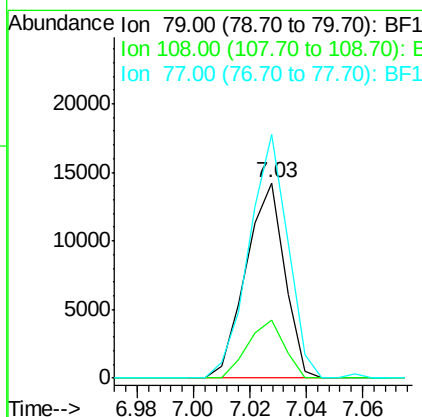
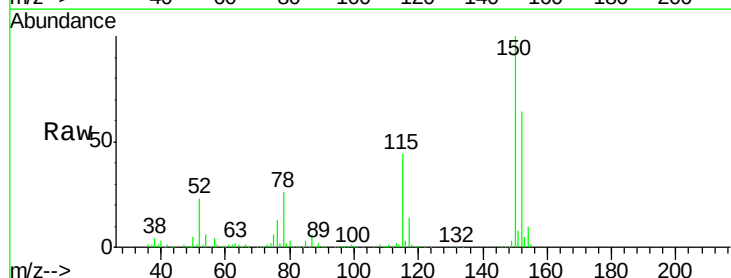
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

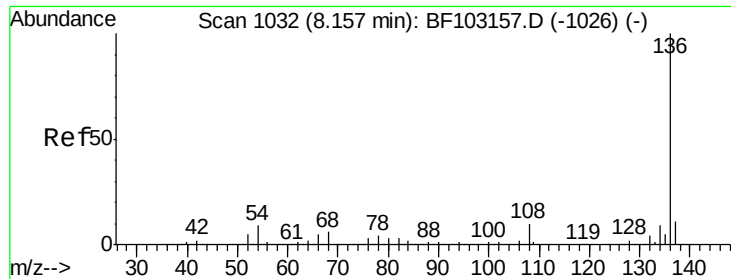
Tot Ion:146 Resp: 134
 Ion Ratio Lower Upper
 146 100
 148 592.7 50.6 75.8#
 111 1998.7 36.0 54.0#



#15
 Benzyl Alcohol
 Concen: 1.363 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Tgt Ion: 79 Resp: 13530
 Ion Ratio Lower Upper
 79 100
 108 30.0 65.1 97.7#
 77 124.9 50.6 75.8#

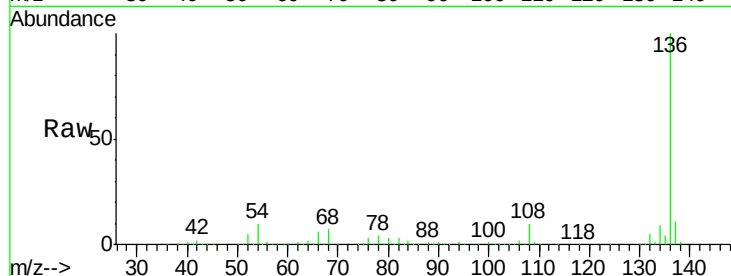




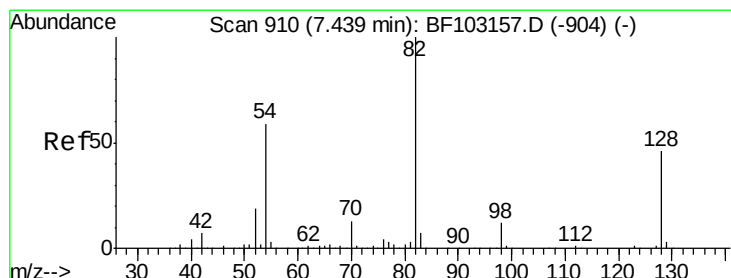
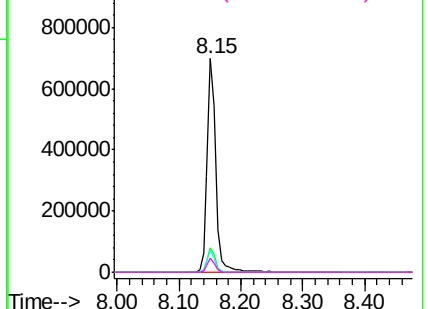
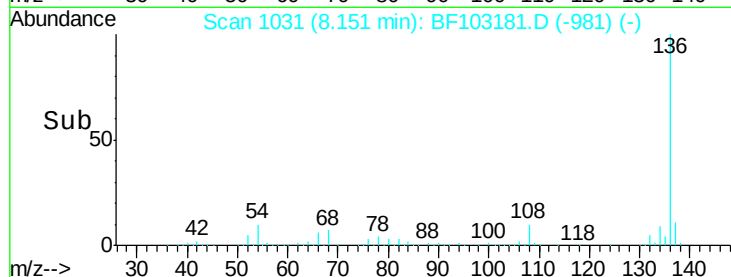
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Instrument :
BNA_F
ClientSampleId :
PB106758BL

Tot Ion:136	Resp:	674657
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.0	6.6 9.8#
68	6.8	5.0 7.4

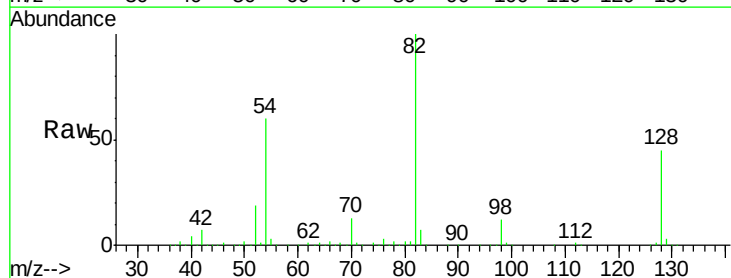


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

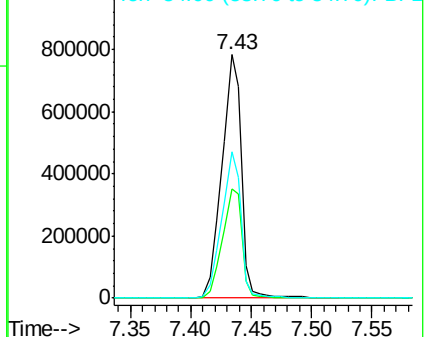
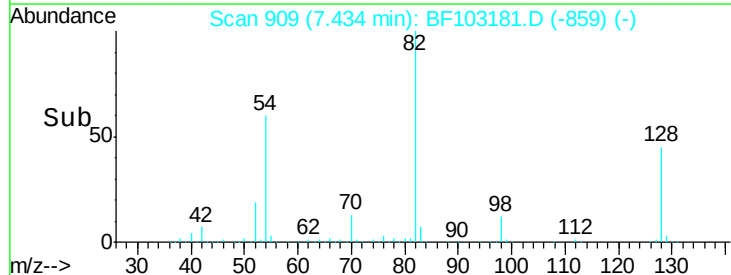


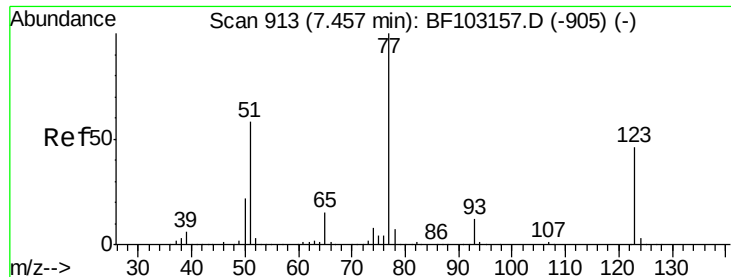
#23
Nitrobenzene-d5
Concen: 74.253 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion: 82	Resp:	877191
Ion Ratio	Lower	Upper
82	100	
128	44.8	36.1 54.1
54	59.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.194 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

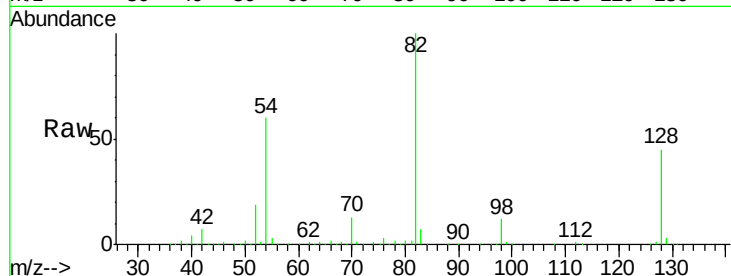
Tot Ion: 77 Resp: 2522

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

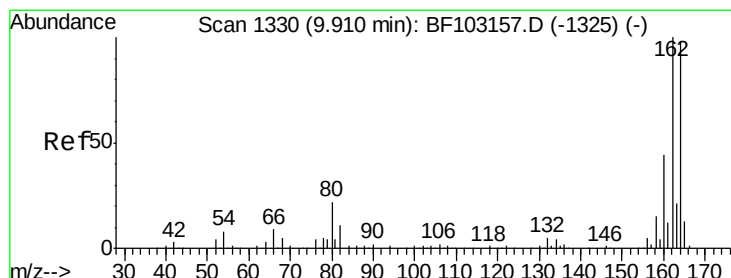
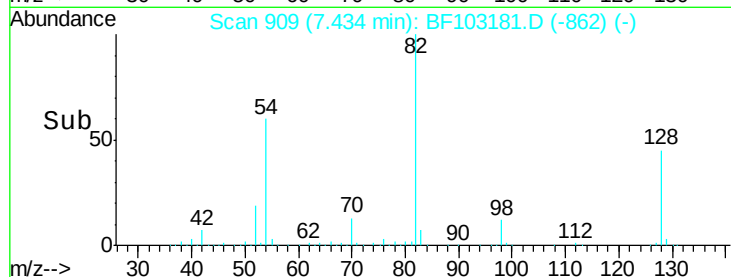
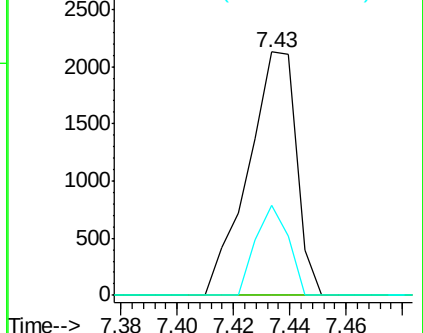
65 36.8 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

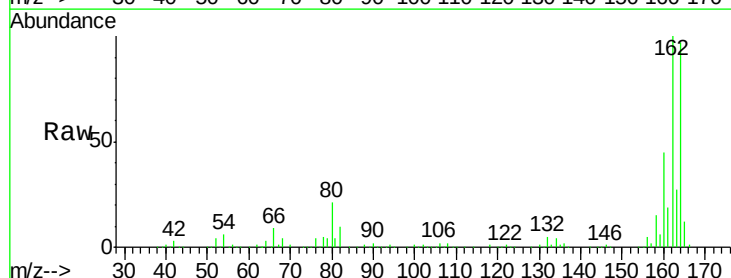
Tgt Ion:164 Resp: 269187

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

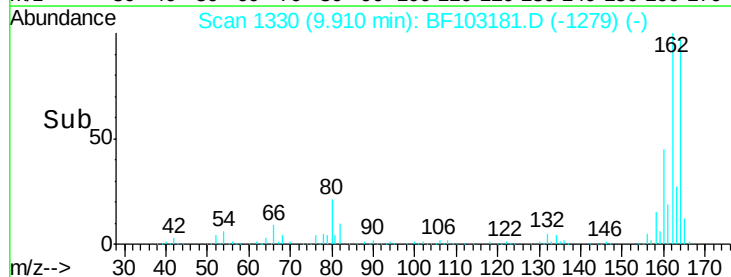
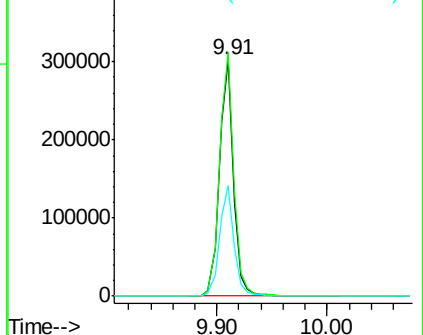
160 46.7 38.3 57.5

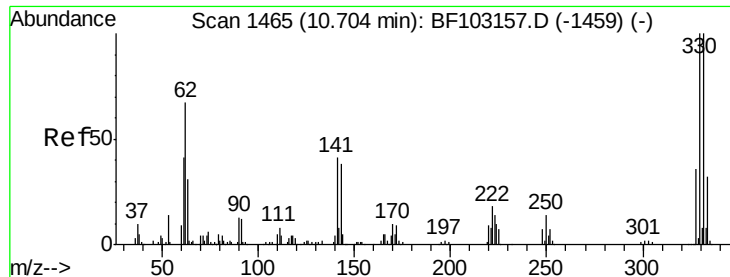


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

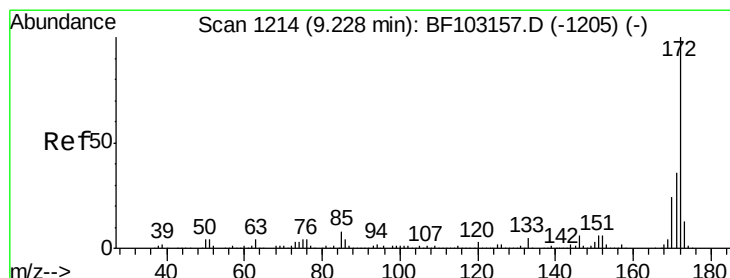
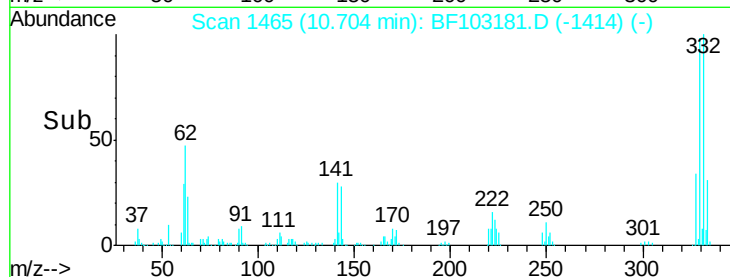
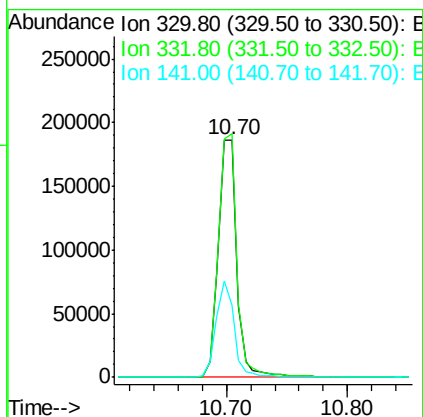
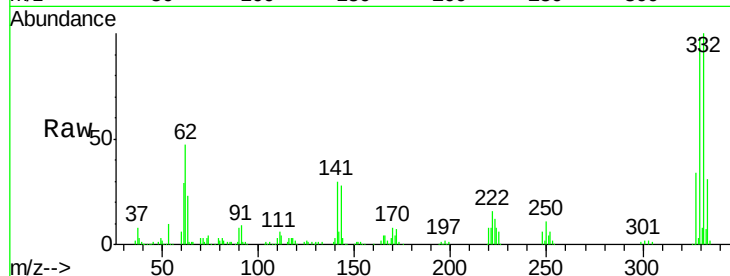




#41
 2,4,6-Tribromophenol
 Concen: 86.642 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

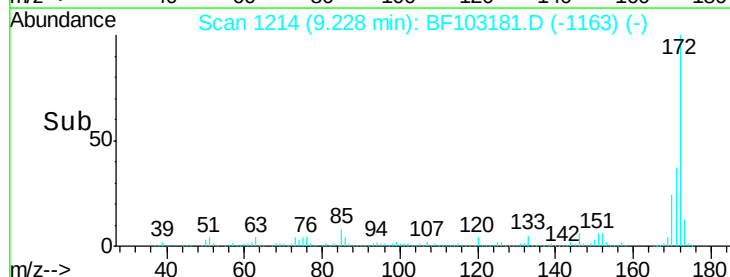
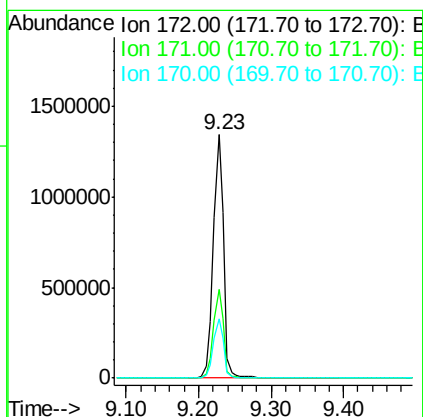
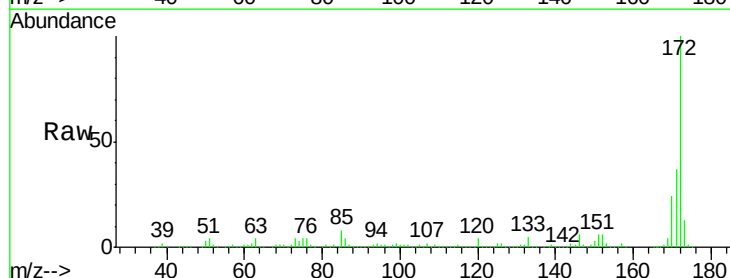
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

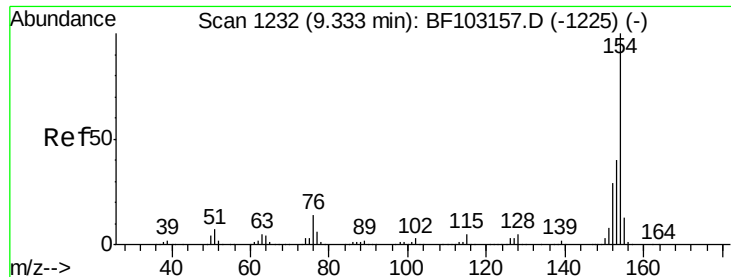
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	39.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.071 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.212 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

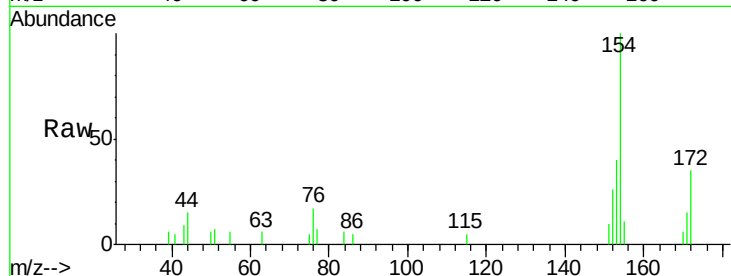
Tot Ion:154 Resp: 4777

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

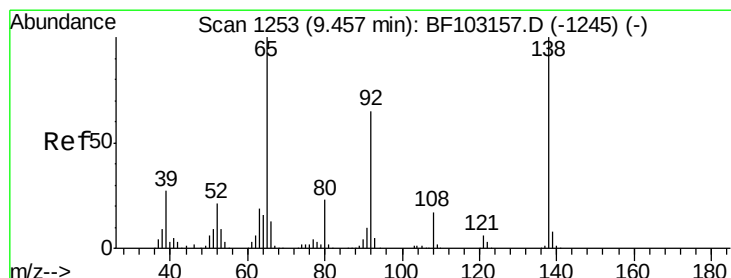
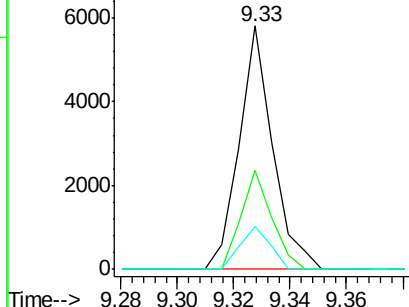
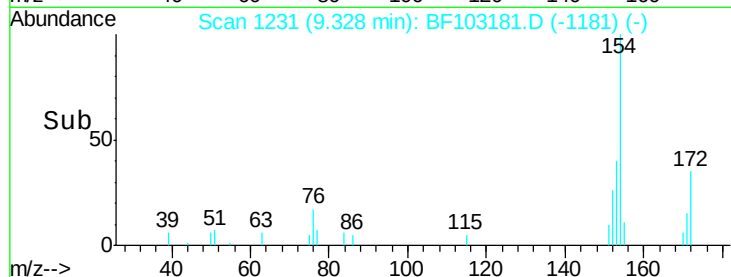
76 17.5 0.0 34.0



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): BF1



#47

2-Nitroaniline

Concen: 0.373 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.23 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

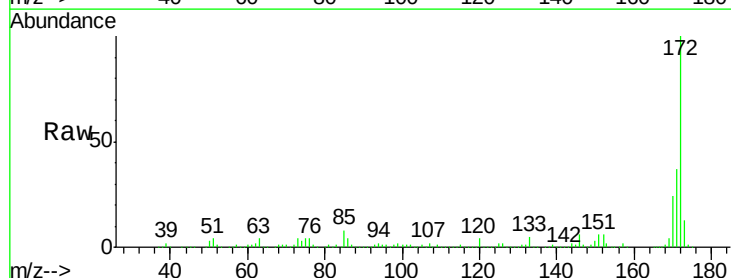
Tgt Ion: 65 Resp: 2466

Ion Ratio Lower Upper

65 100

92 183.7 55.8 83.6#

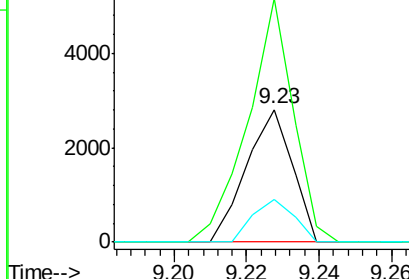
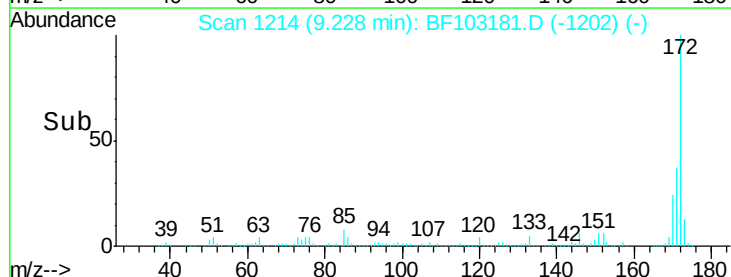
138 31.9 91.2 136.8#

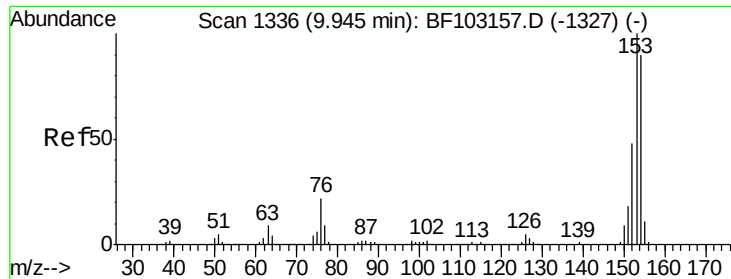


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#51

Acenaphthene

Concen: 0.054 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

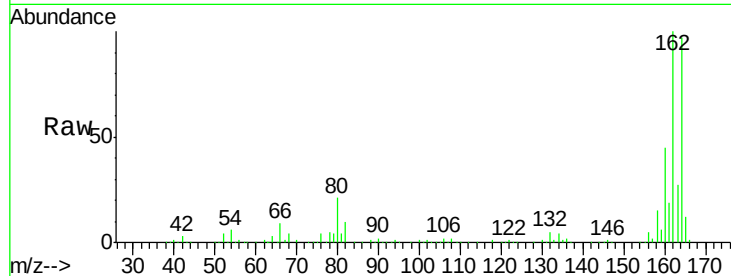
Tot Ion:154 Resp: 866

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

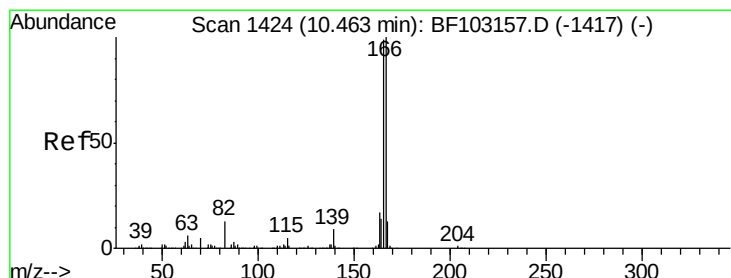
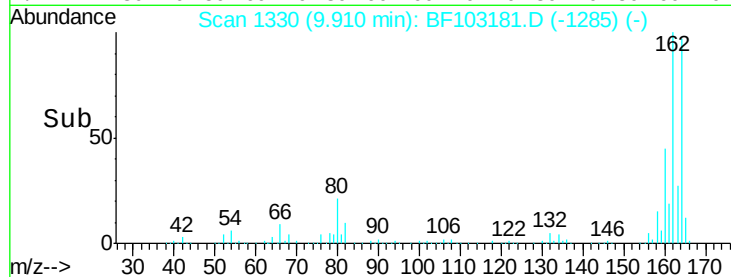
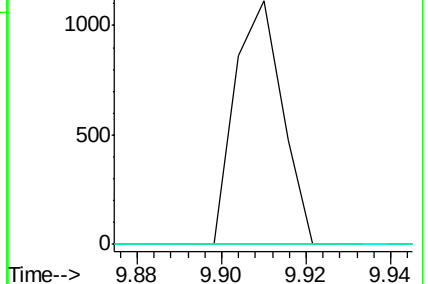
152 0.0 43.8 65.8#



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



#57

Fluorene

Concen: 0.578 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.24 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

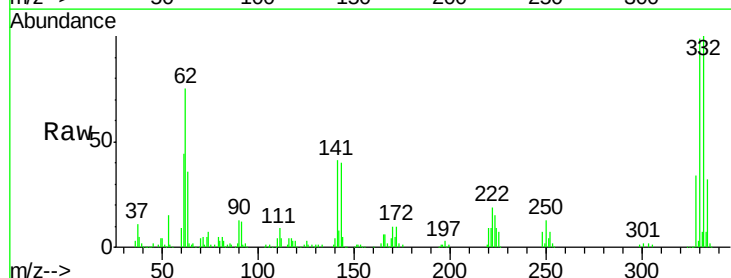
Tgt Ion:166 Resp: 10826

Ion Ratio Lower Upper

166 100

165 104.8 79.8 119.8

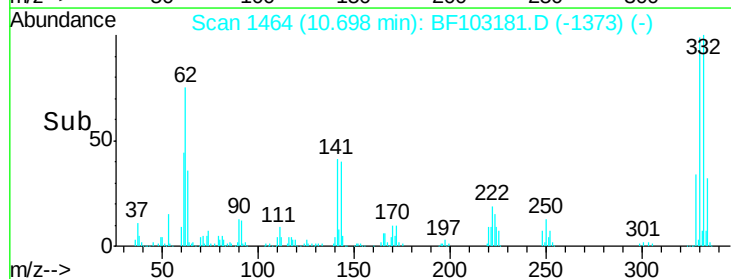
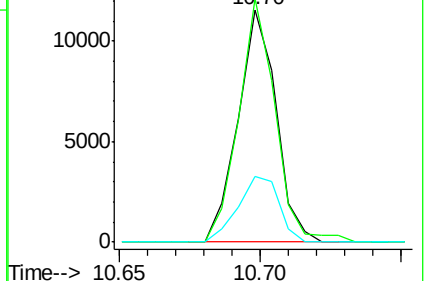
167 28.2 10.6 16.0#

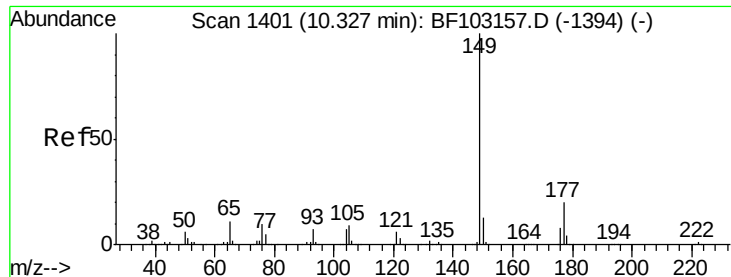


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.059 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

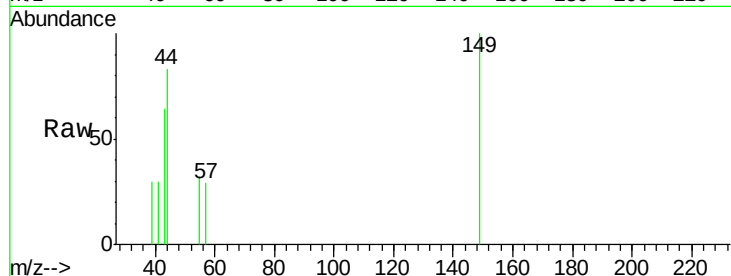
Tot Ion:149 Resp: 1214

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

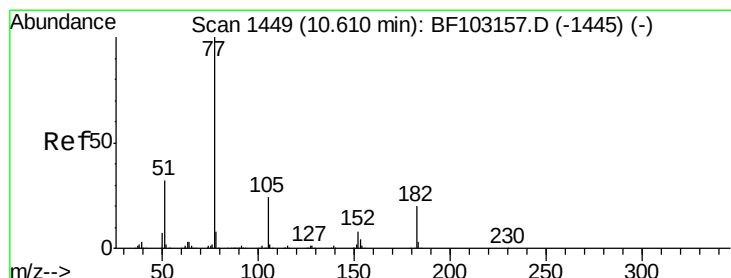
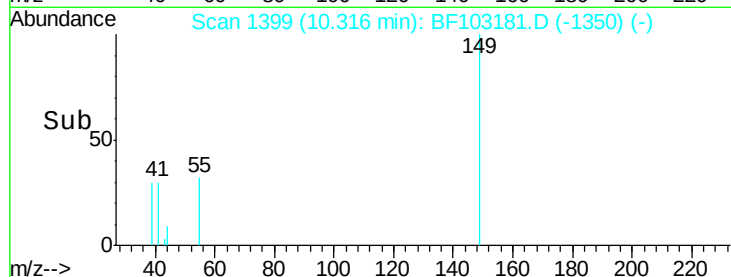
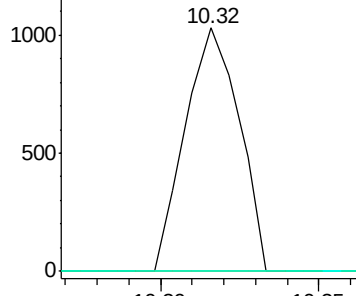
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.054 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.09 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Tgt Ion: 77 Resp: 1137

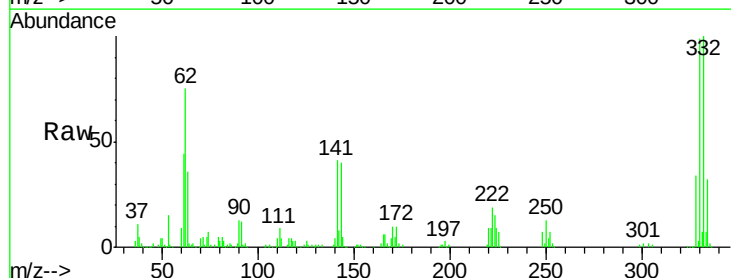
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 90.0 3.0 43.0#

51 100.1 9.9 49.9#

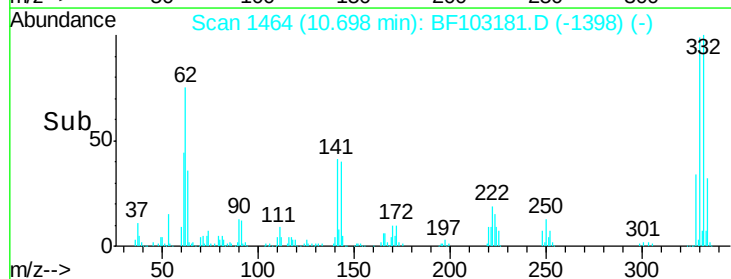
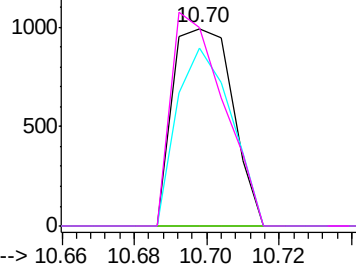


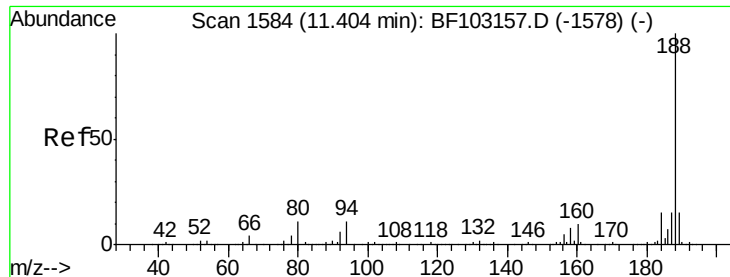
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

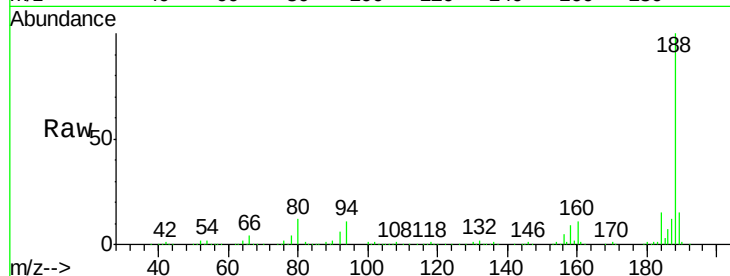
Tot Ion:188 Resp: 368261

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

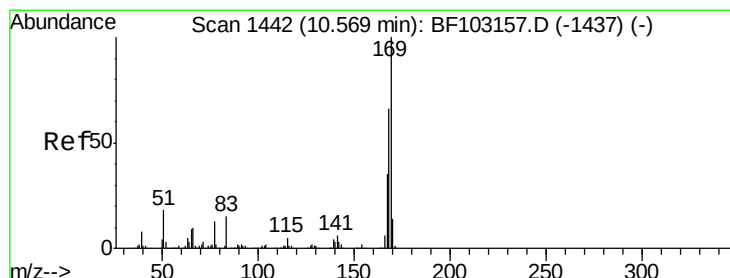
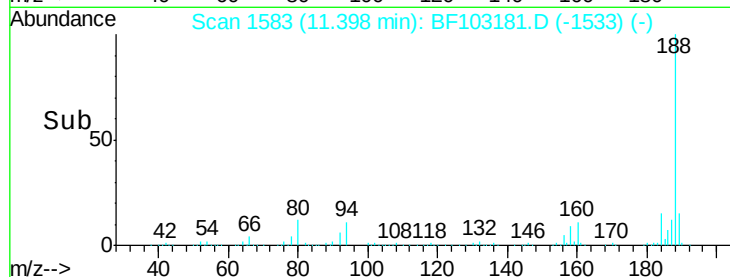
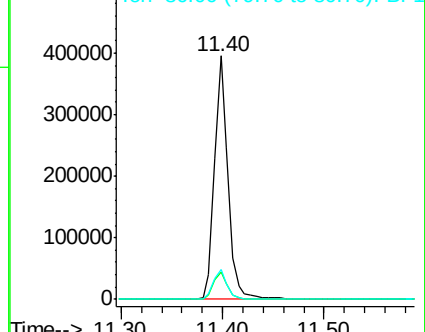
80 12.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 0.512 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.13 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

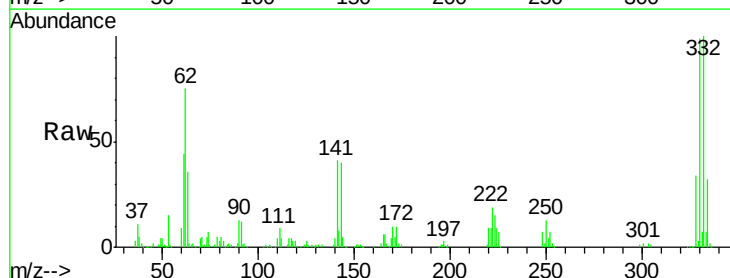
Tgt Ion:169 Resp: 6568

Ion Ratio Lower Upper

169 100

168 8.3 54.4 81.6#

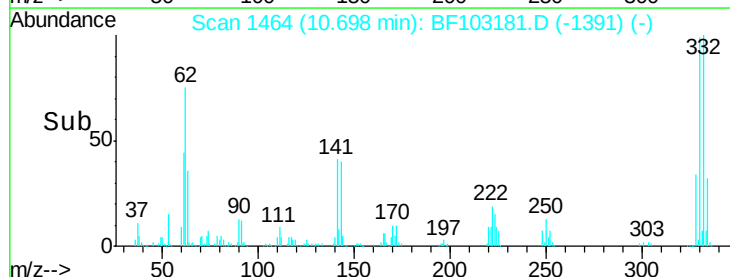
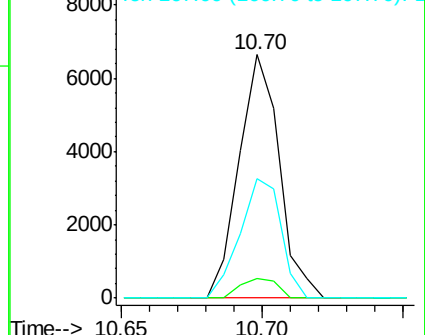
167 49.0 29.8 44.6#

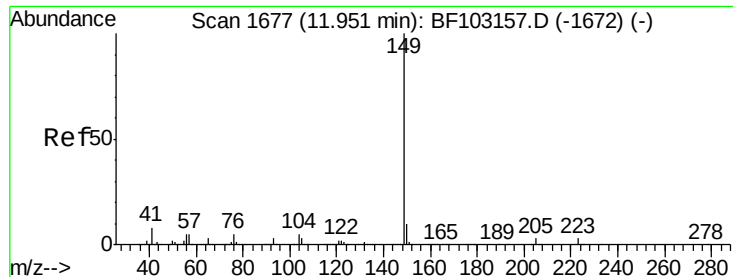


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.019 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

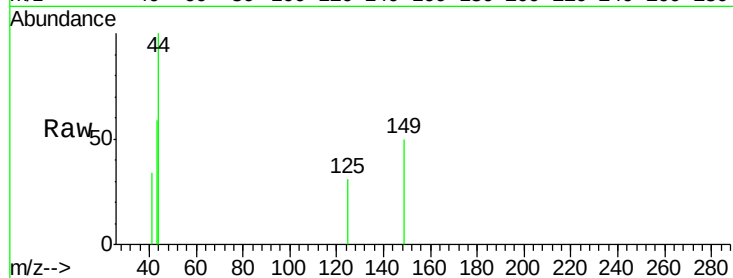
Tot Ion:149 Resp: 496

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.8 5.8#



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

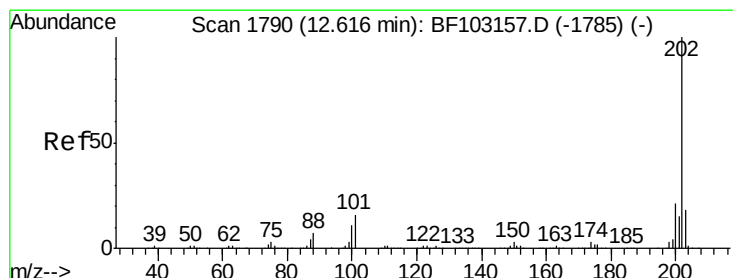
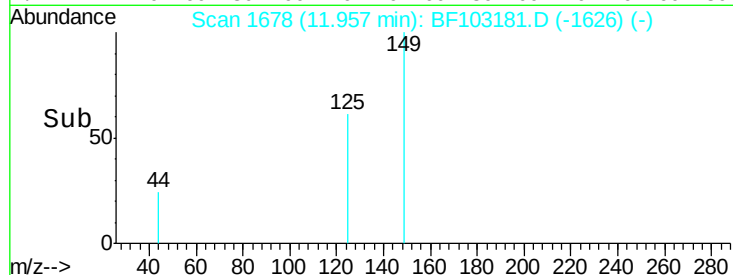
11.96

400

200

0

11.92 11.94 11.96 11.98



#74

Fluoranthene

Concen: 0.006 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

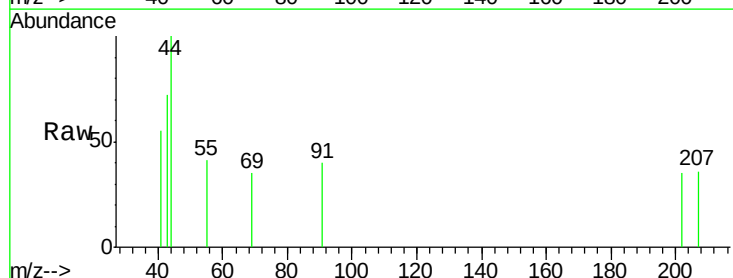
Tgt Ion:202 Resp: 118

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

203 0.0 0.0 38.1



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

12.62

400

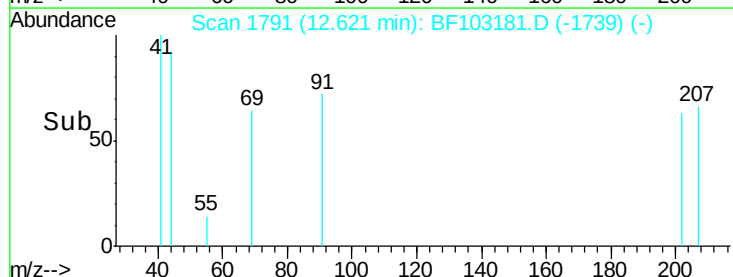
300

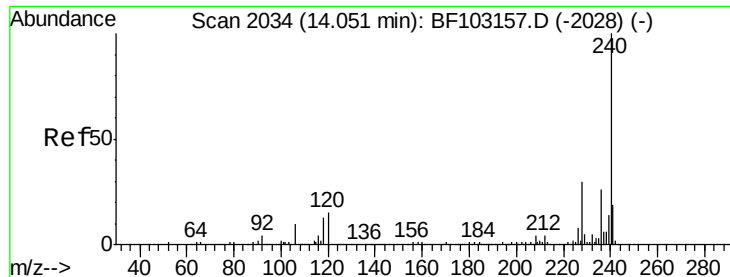
200

100

0

12.60 12.62 12.64





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

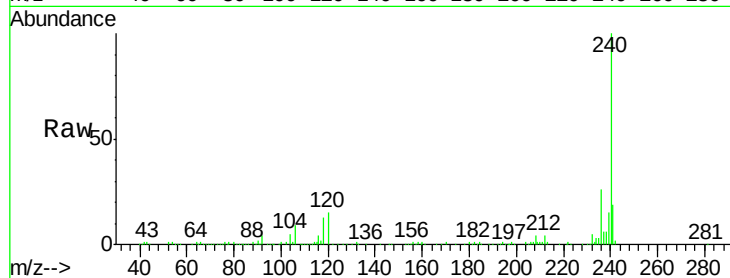
Tot Ion:240 Resp: 276238

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

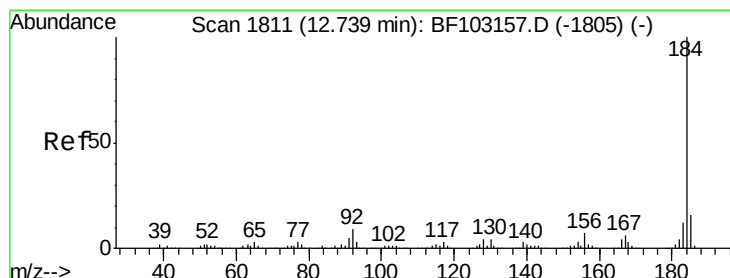
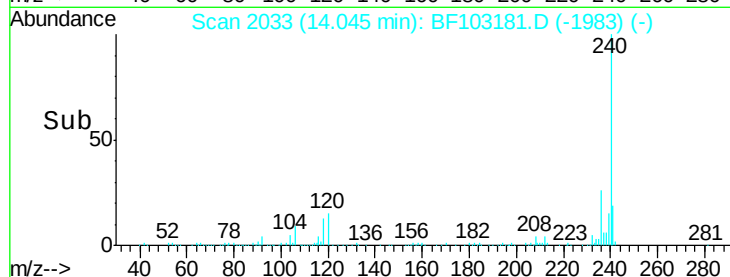
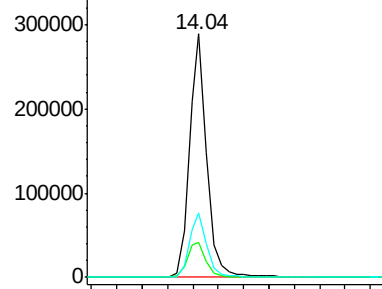
236 26.2 20.7 31.1



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: 0.042 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

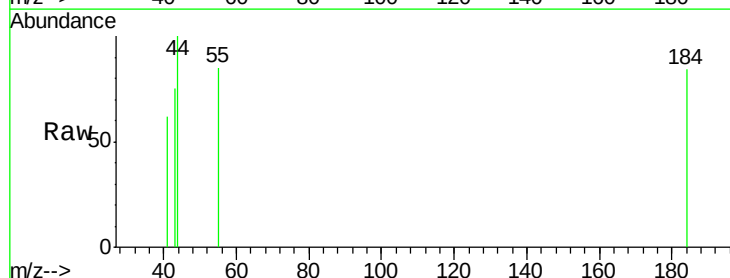
Tgt Ion:184 Resp: 437

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

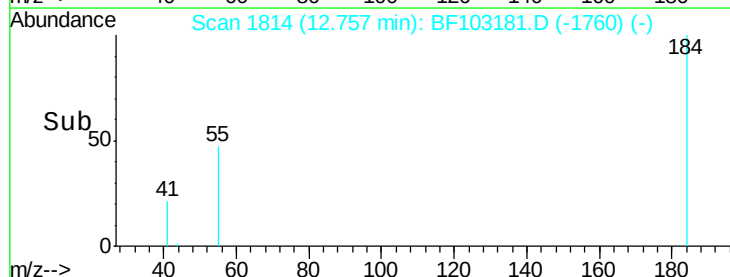
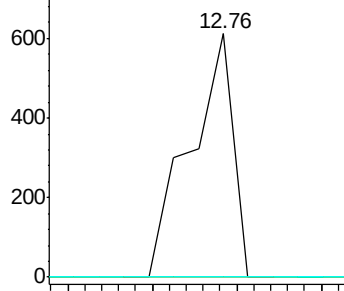
183 0.0 9.3 13.9#

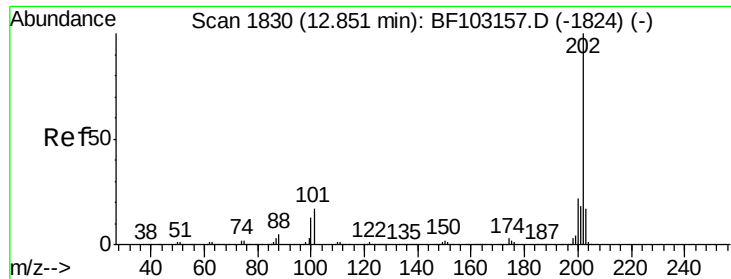


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

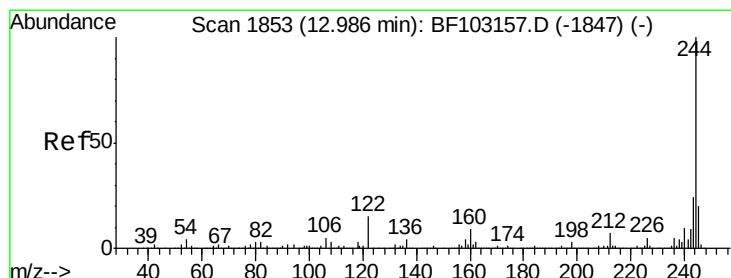
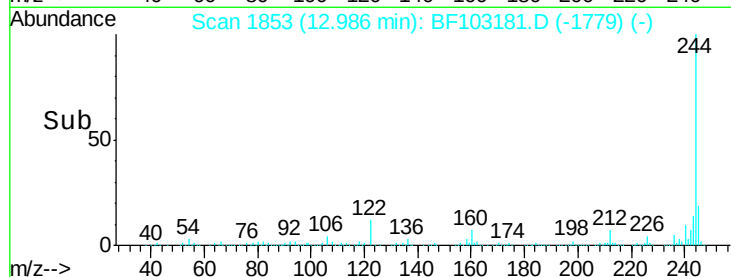
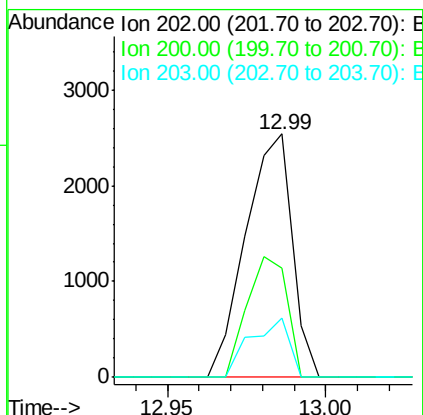
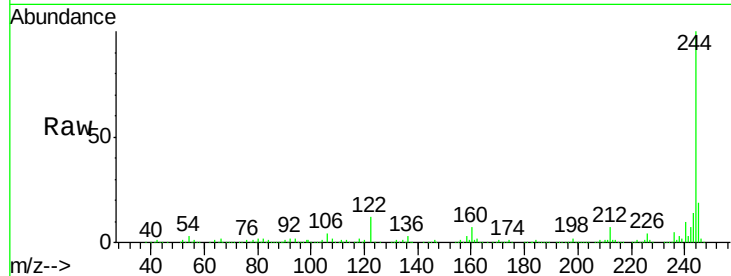




#77
Pvrene
Concen: 0.120 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.14 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

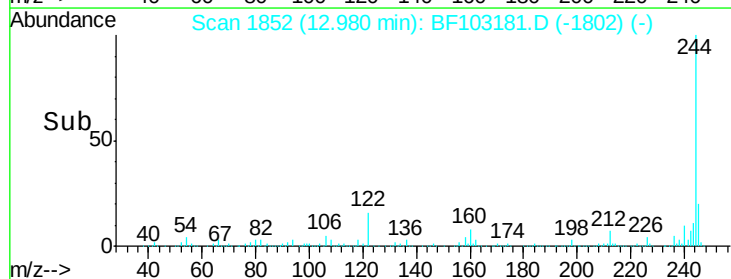
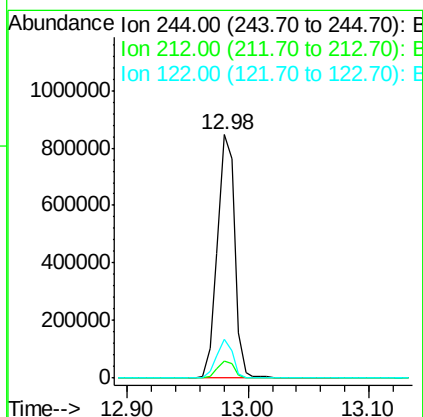
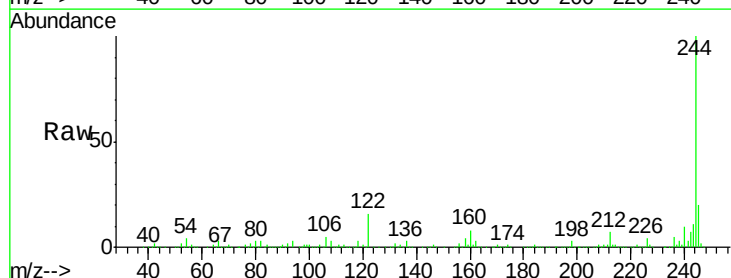
Instrument :
BNA_F
ClientSampleId :
PB106758BL

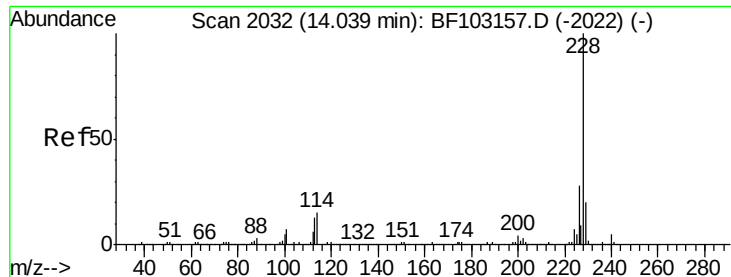
Tot Ion:202 Resp: 2581
Ion Ratio Lower Upper
202 100
200 44.8 17.4 26.2#
203 24.3 14.3 21.5#



#78
Terphenyl-d14
Concen: 72.360 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion:244 Resp: 831523
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 15.8 11.0 16.4





#80

Benzo(a)anthracene

Concen: 0.074 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

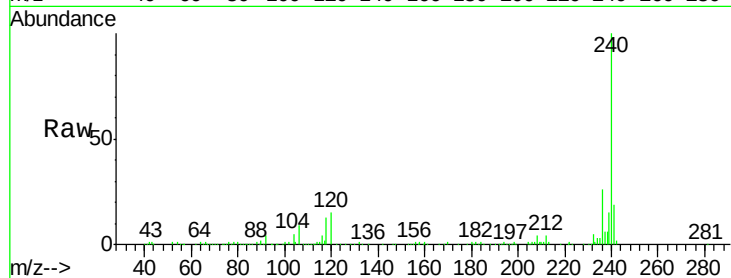
Tot Ion:228 Resp: 1325

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

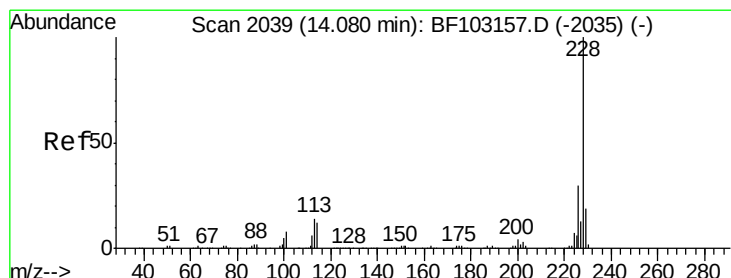
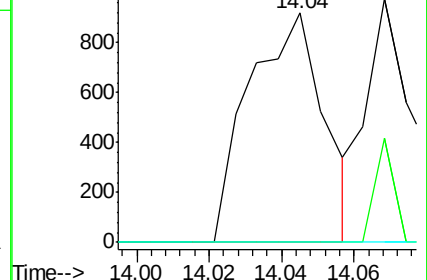
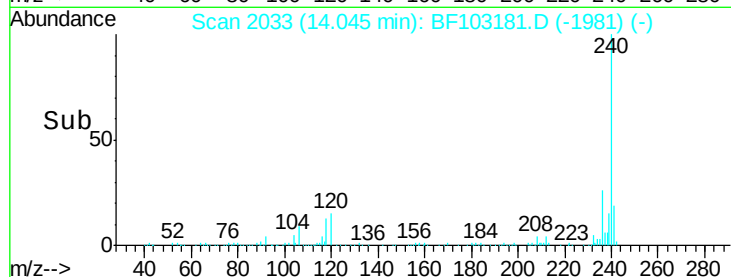
229 0.0 15.8 23.6#



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: 0.049 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

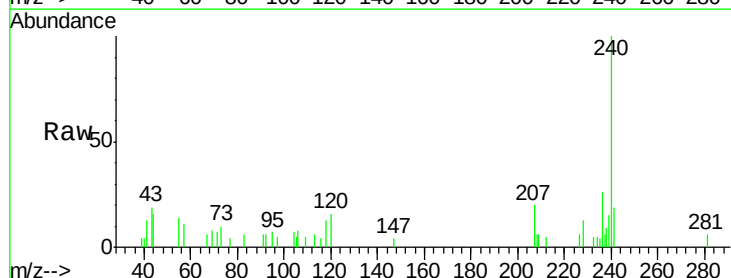
Tgt Ion:228 Resp: 845

Ion Ratio Lower Upper

228 100

226 42.8 25.0 37.6#

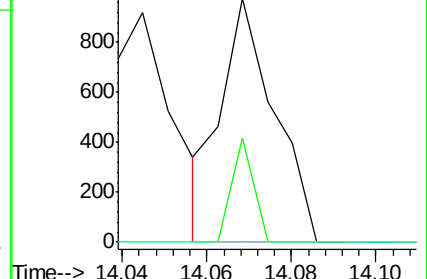
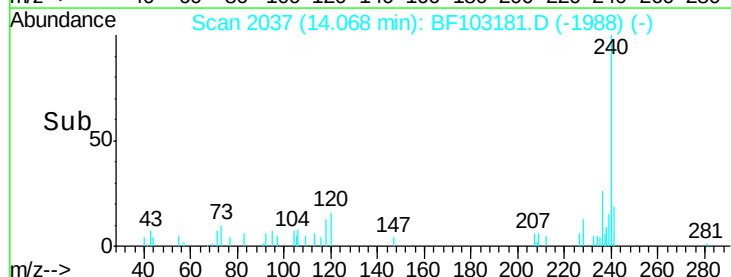
229 0.0 16.2 24.4#

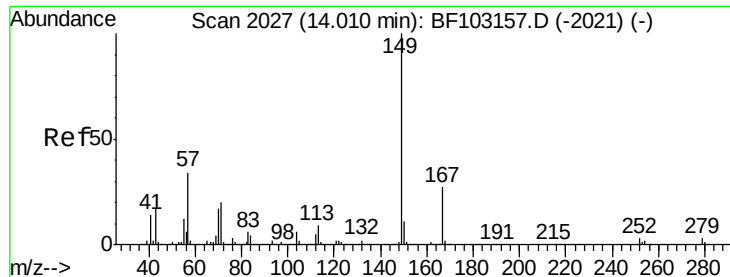


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

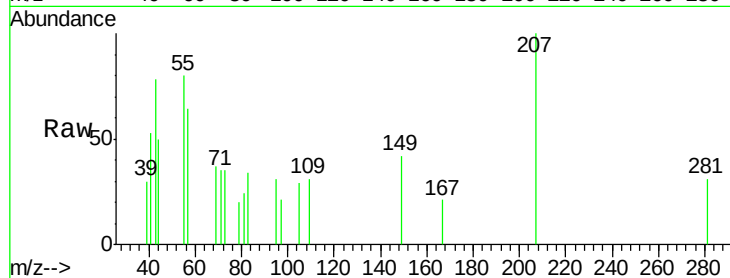
Tot Ion:149 Resp: 396

Ion Ratio Lower Upper

149 100

167 51.3 21.3 31.9#

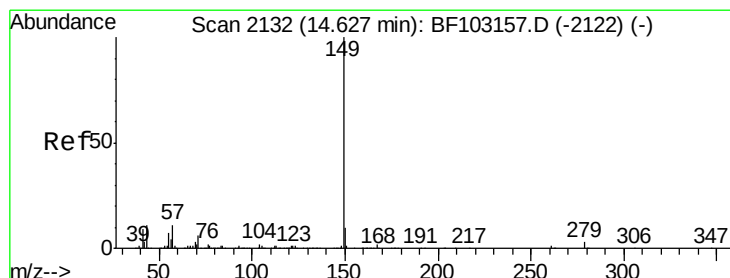
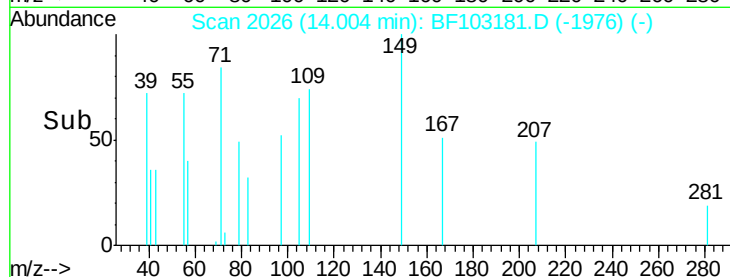
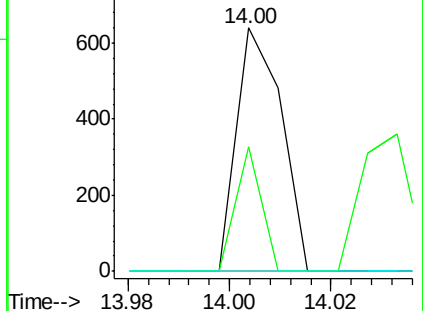
279 0.0 3.0 4.4#



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: 0.065 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

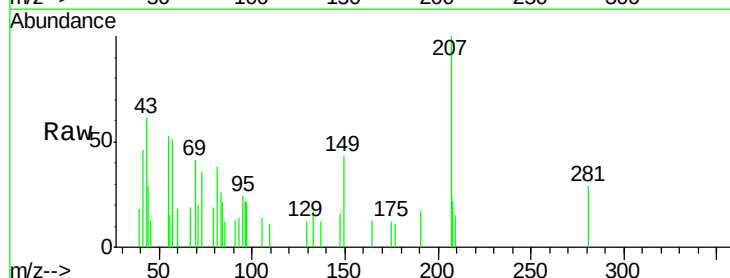
Tgt Ion:149 Resp: 1607

Ion Ratio Lower Upper

149 100

167 7.1 1.2 1.8#

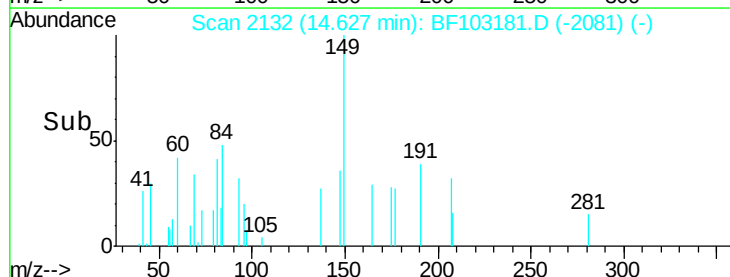
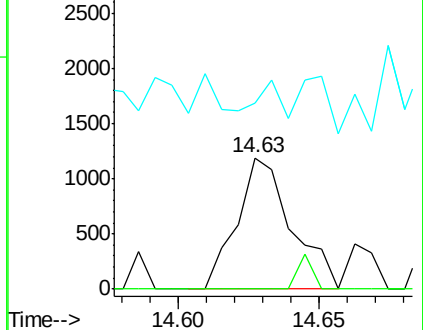
43 10.8 8.4 12.6

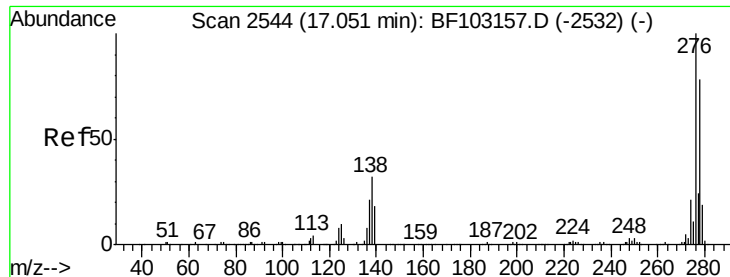


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

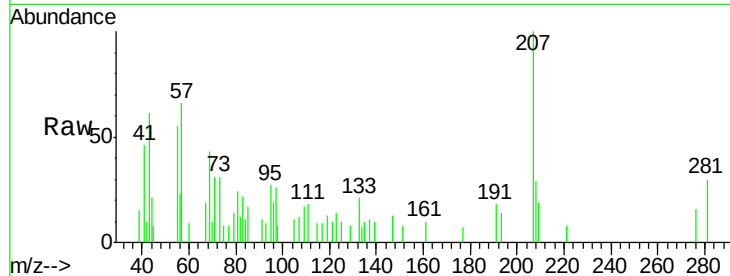




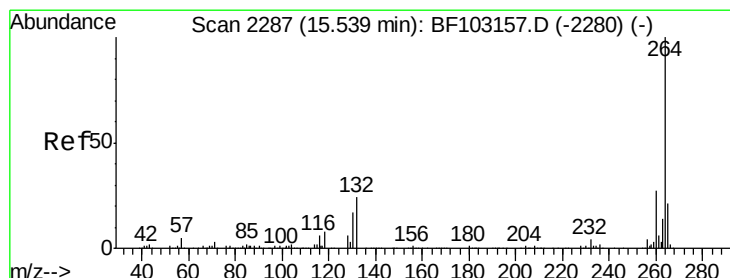
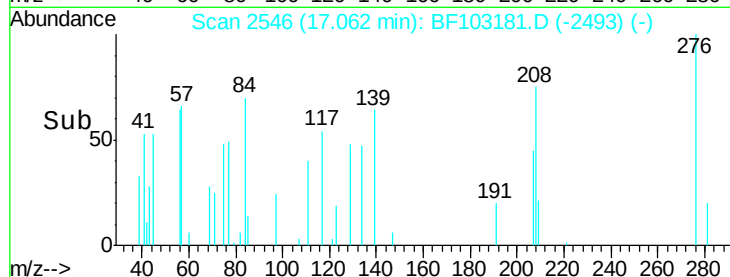
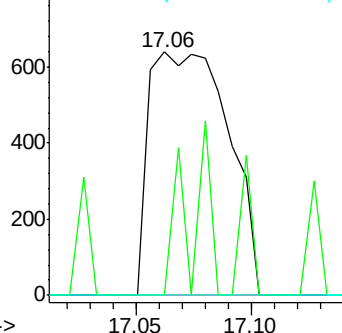
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Instrument :
BNA_F
ClientSampleId :
PB106758BL

Tot Ion:276 Resp: 1530
Ion Ratio Lower Upper
276 100
138 9.0 25.0 37.6#
277 0.0 20.1 30.1#

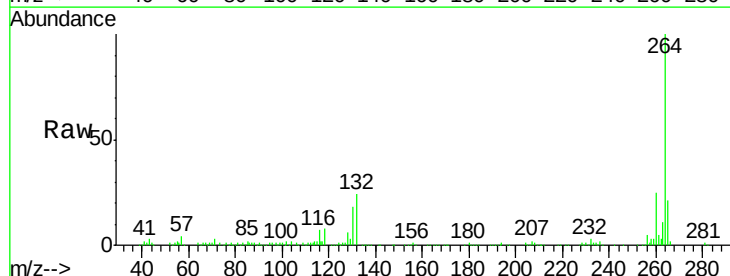


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

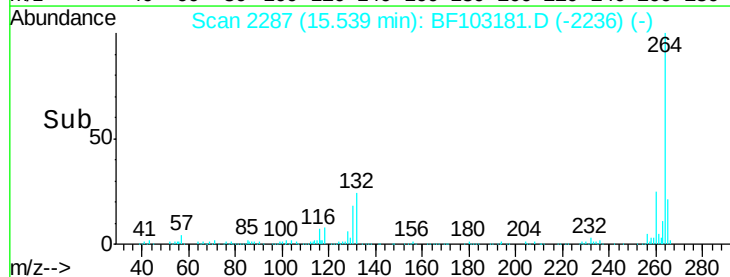
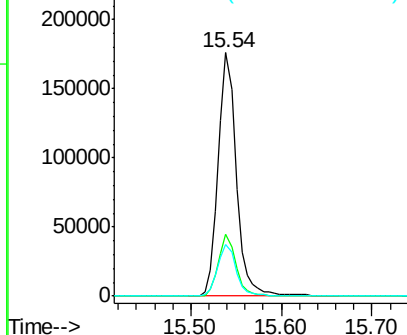


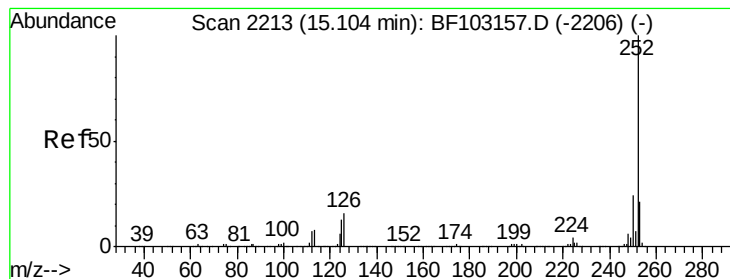
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion:264 Resp: 244688
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.118 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

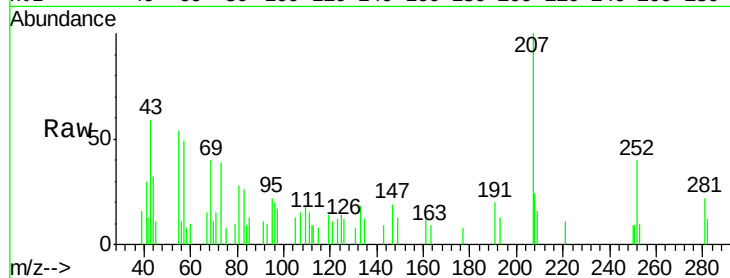
Tot Ion:252 Resp: 1902

Ion Ratio Lower Upper

252 100

253 26.4 17.0 25.6#

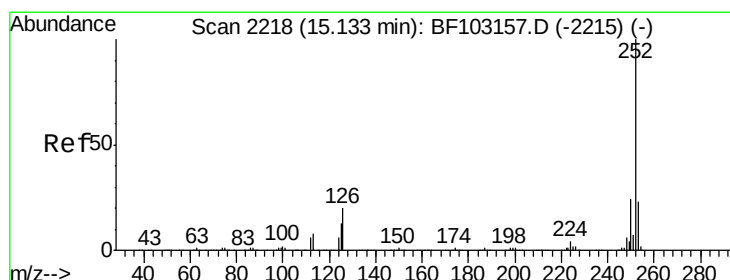
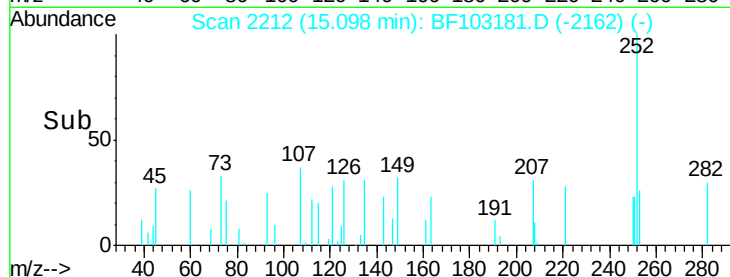
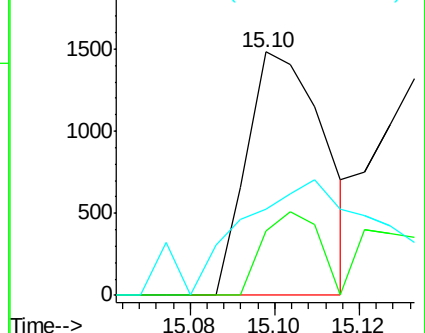
125 35.3 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.113 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

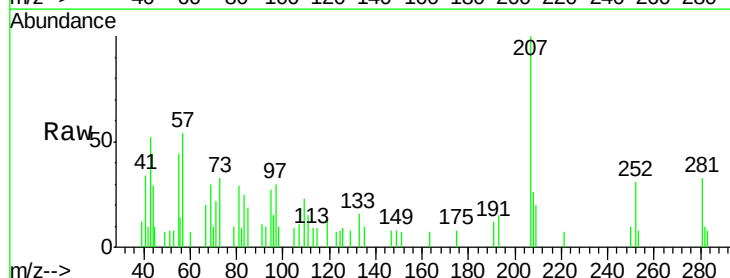
Tgt Ion:252 Resp: 1707

Ion Ratio Lower Upper

252 100

253 26.7 17.9 26.9

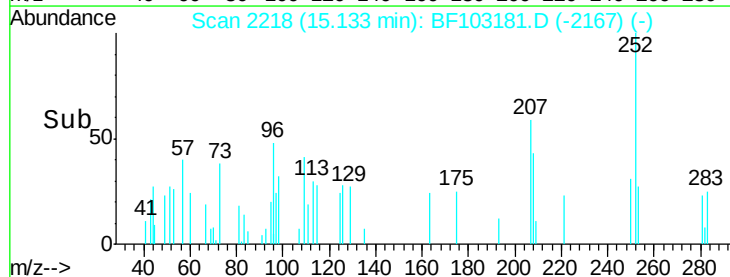
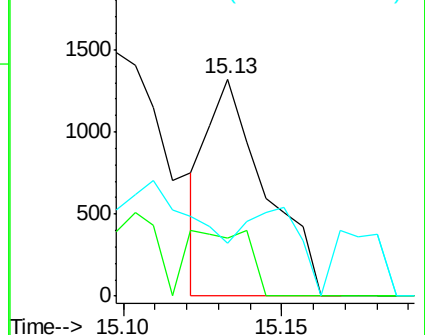
125 24.2 10.2 15.2#

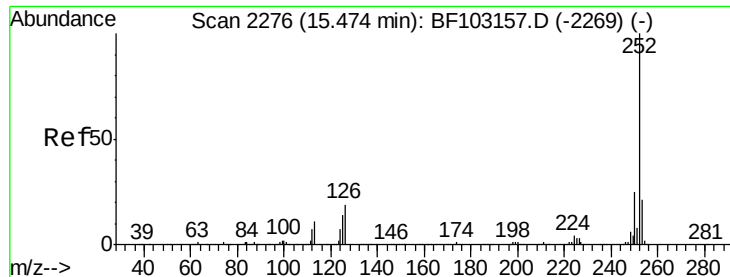


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.065 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

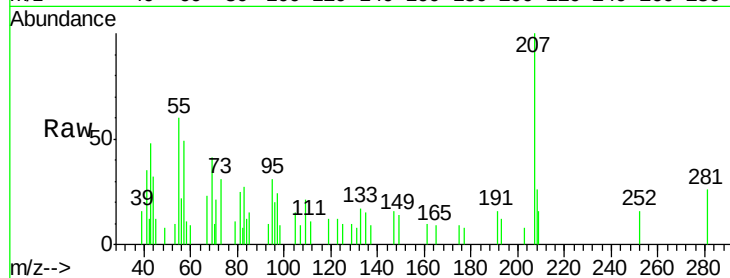
Tot Ion:252 Resp: 929

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

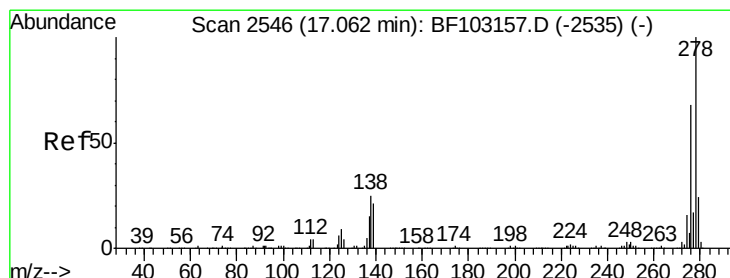
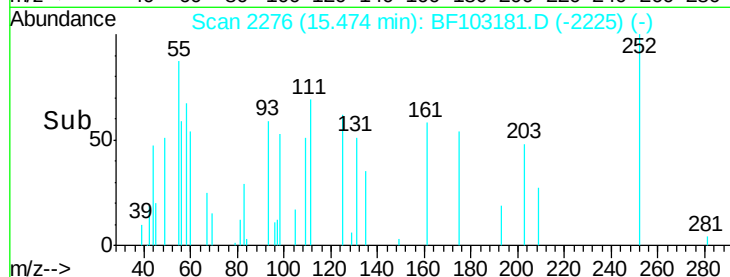
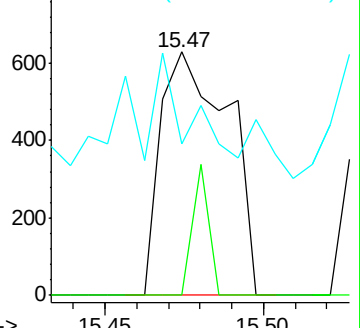
125 62.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

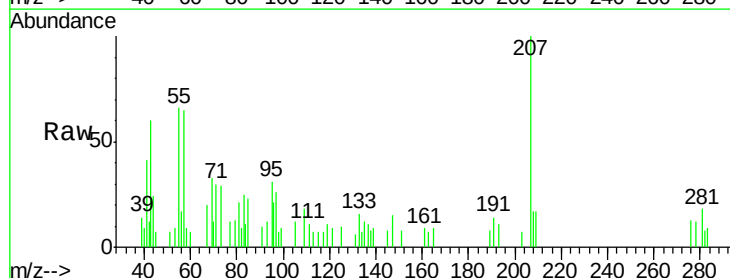
Tgt Ion:278 Resp: 991

Ion Ratio Lower Upper

278 100

139 79.8 15.9 23.9#

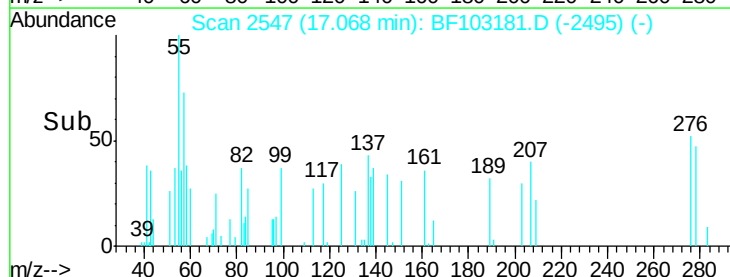
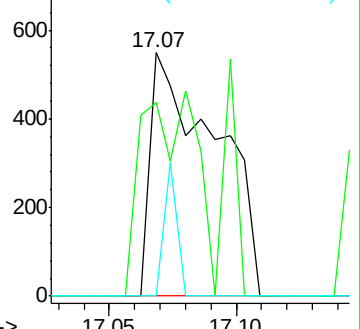
279 0.0 19.0 28.4#

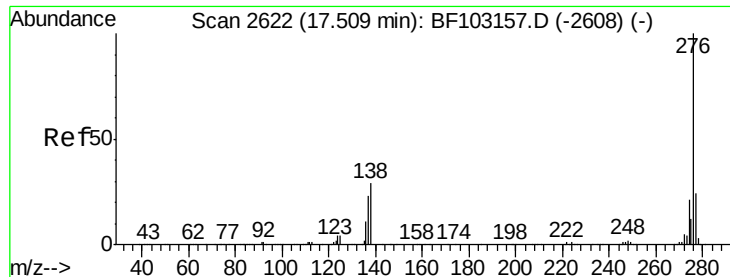


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.099 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

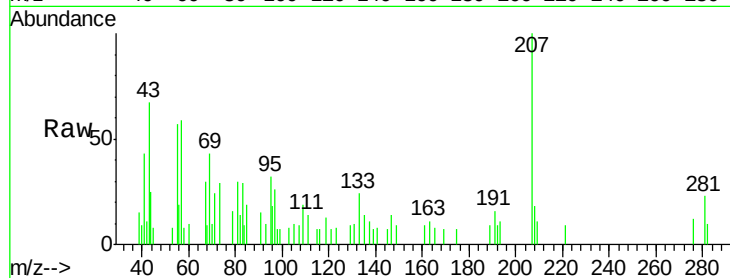
Tot Ion: 276 Resp: 1071

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



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

