

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103886.D
 Acq On : 23 Mar 2018 17:53
 Operator : JU/SJ
 Sample : J1998-08 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 23:08:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143527	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	531490	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	207182	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	330873	20.00	ng	0.00
75) Chrysene-d12	14.17	240	239849	20.00	ng	0.00
86) Perylene-d12	15.72	264	174580	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	490277	51.96	ng	0.00
7) Phenol-d6	6.59	99	603484	52.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	326336	42.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	105075	58.99	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	580049	44.66	ng	0.00
78) Terphenyl-d14	13.11	244	484300	46.87	ng	0.01

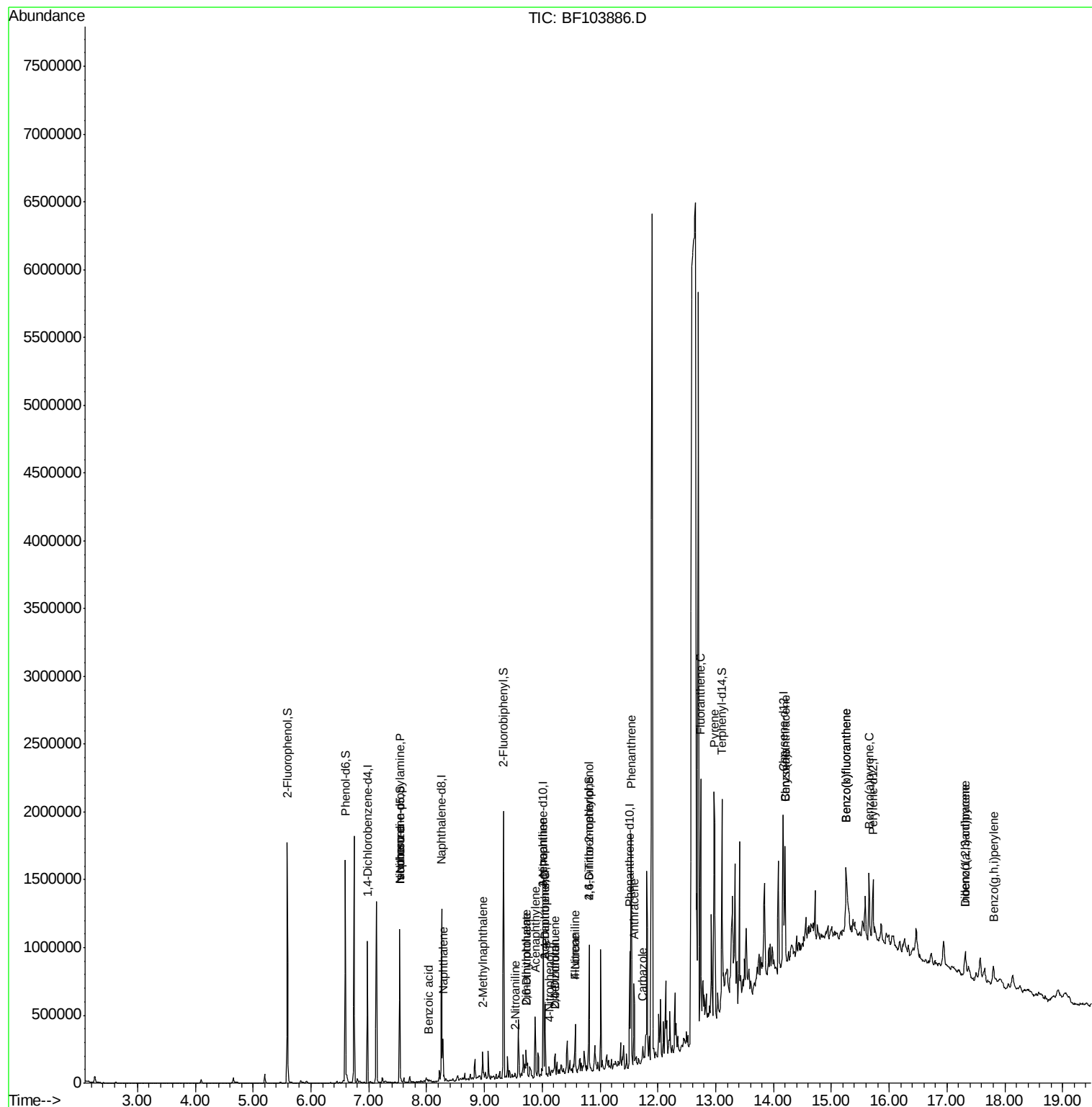
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.53	70	43556	5.887	ng	# 73
25) Isophorone	7.53	82	326331	18.496	ng	# 64
31) Naphthalene	8.28	128	124212	4.626	ng	# 99
32) Benzoic acid	8.03	122	381	9.962	ng	# 36
37) 2-Methylnaphthalene	8.97	142	47483	2.789	ng	# 97
47) 2-Nitroaniline	9.54	65	710	6.984	ng	# 2
48) Acenaphthylene	9.88	152	174436	8.198	ng	# 99
49) Dimethylphthalate	9.72	163	51488	3.257	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	1514	4.438	ng	# 66
51) Acenaphthene	10.05	154	34482	2.729	ng	# 98
52) 3-Nitroaniline	10.02	138	107	3.841	ng	# 1
53) 2,4-Dinitrophenol	10.05	184	580	7.756	ng	# 1
54) Dibenzofuran	10.22	168	42083	2.332	ng	# 94
55) 4-Nitrophenol	10.13	139	1330	5.401	ng	# 26
56) 2,4-Dinitrotoluene	10.22	165	905	6.417	ng	# 1
57) Fluorene	10.57	166	96613	6.900	ng	# 100
61) 4-Nitroaniline	10.56	138	1782	4.215	ng	# 64
64) 4,6-Dinitro-2-methylphenol	10.80	198	126	8.230	ng	# 1
70) Phenanthrene	11.54	178	617266	34.104	ng	# 99
71) Anthracene	11.59	178	221535	12.051	ng	# 99
72) Carbazole	11.74	167	36569	2.047	ng	# 98
74) Fluoranthene	12.74	202	764899	41.021	ng	# 100
77) Pyrene	12.97	202	799902	45.412	ng	# 99
80) Benzo(a)anthracene	14.20	228	299250	19.710	ng	# 95
82) Chrysene	14.20	228	299250	20.677	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.32	276	119696	9.470	ng	# 92
87) Benzo(b)fluoranthene	15.26	252	377834	34.257	ng	# 89
88) Benzo(k)fluoranthene	15.26	252	377834	35.637	ng	# 92
89) Benzo(a)pyrene	15.65	252	223895	22.381	ng	# 91
90) Dibenzo(a,h)anthracene	17.32	278	33117	3.823	ng	# 70
91) Benzo(g,h,i)perylene	17.80	276	115758	13.736	ng	# 95

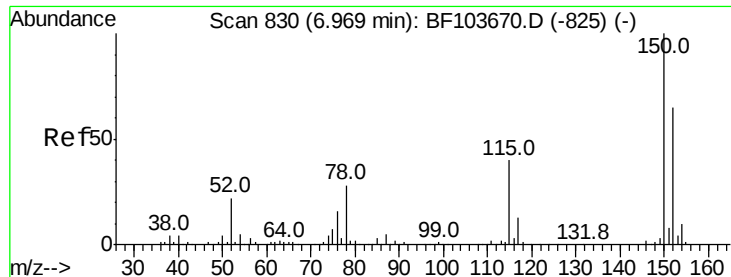
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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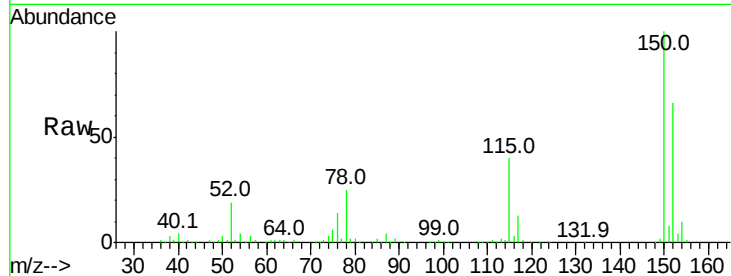


#1

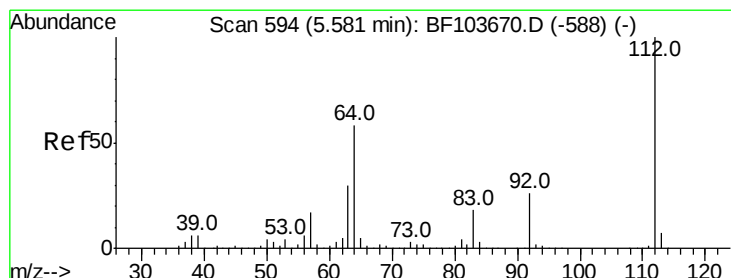
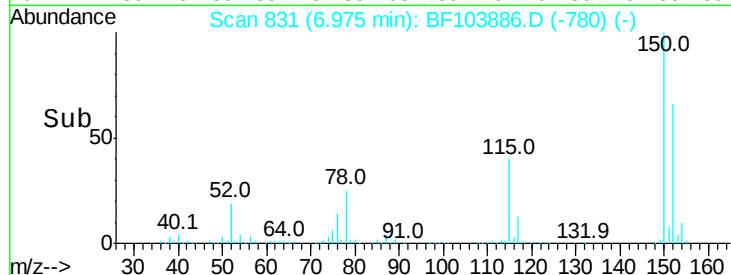
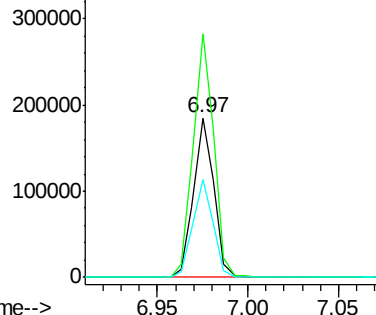
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143527
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 61.4 50.1 75.1



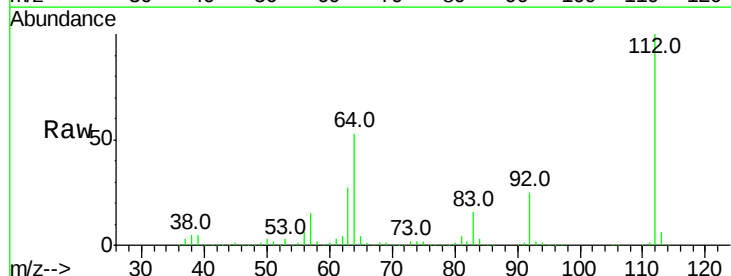
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



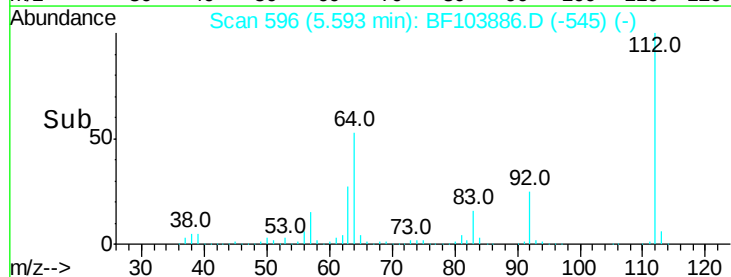
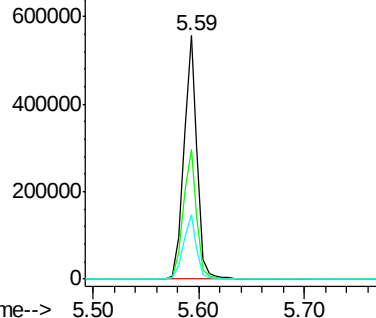
#5

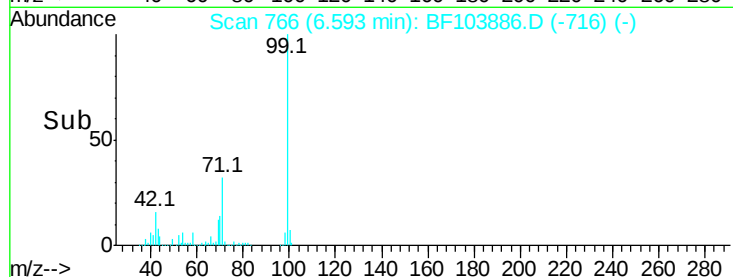
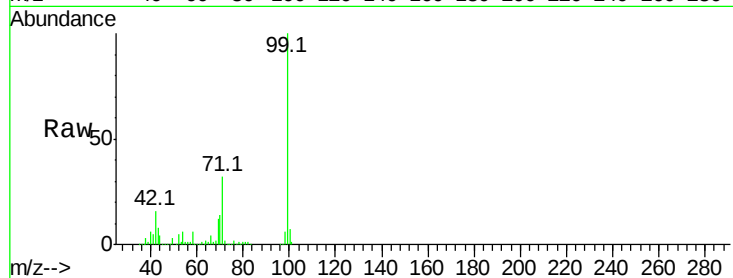
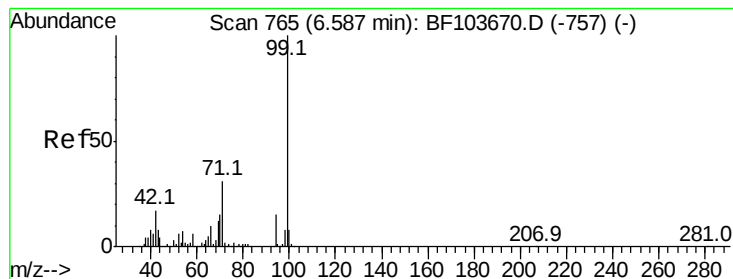
2-Fluorophenol
Concen: 51.956 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:112 Resp: 490277
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.7 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





#7

Phenol-d6

Concen: 52.273 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

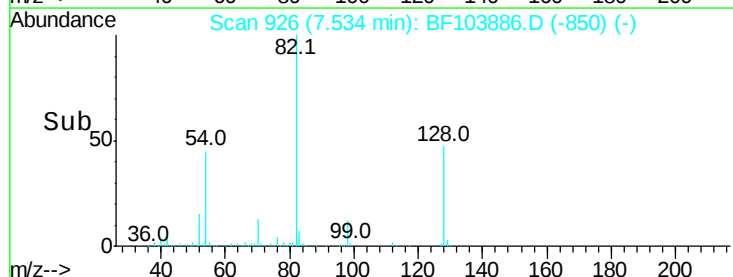
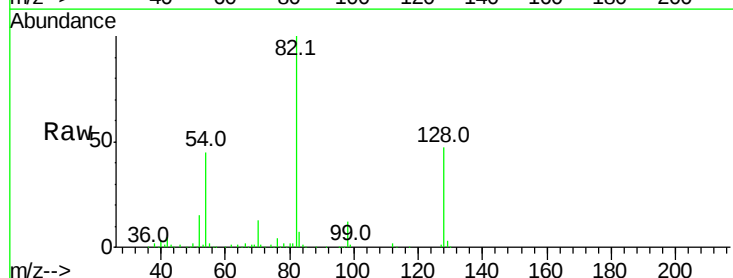
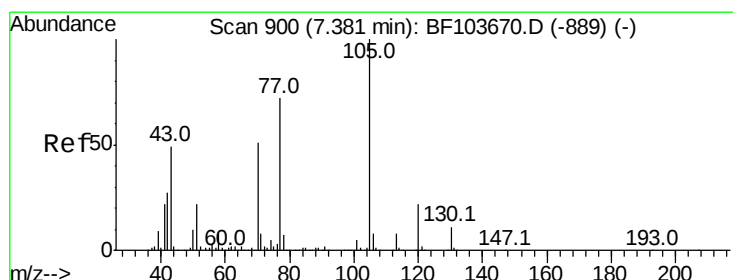
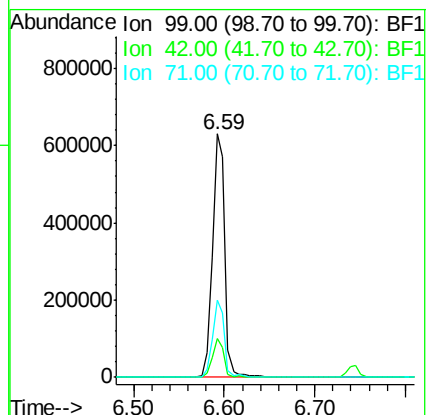
Tot Ion: 99 Resp: 603484

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.887 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Tgt Ion: 70 Resp: 43556

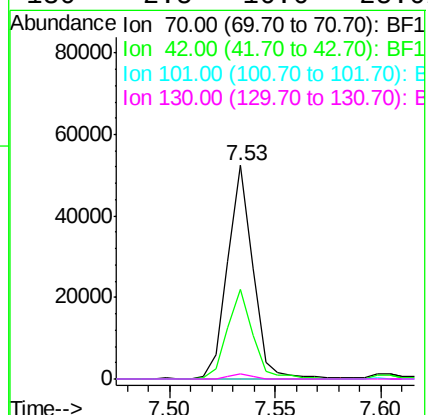
Ion Ratio Lower Upper

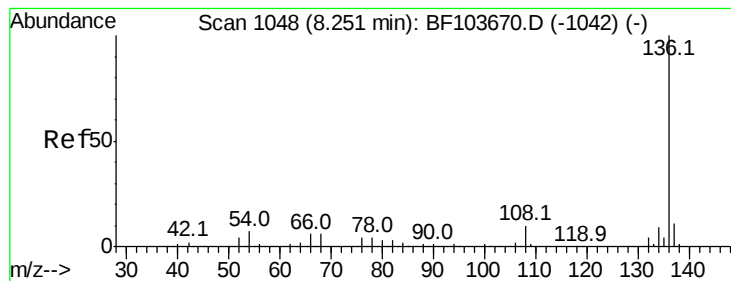
70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 531490

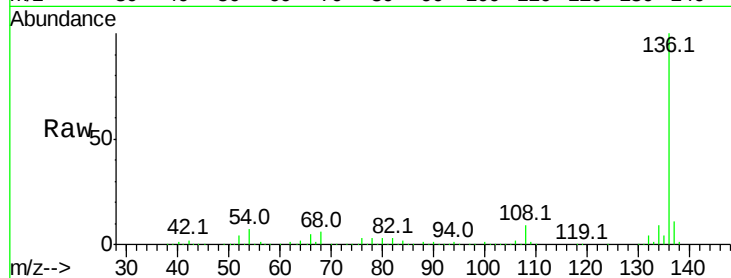
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.4 5.0 7.4

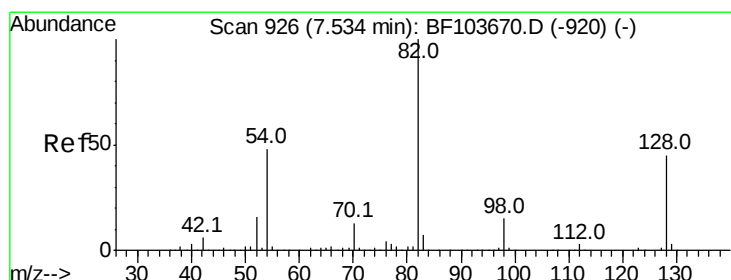
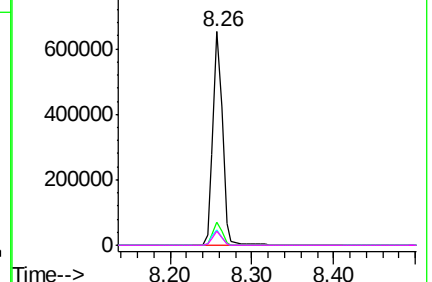
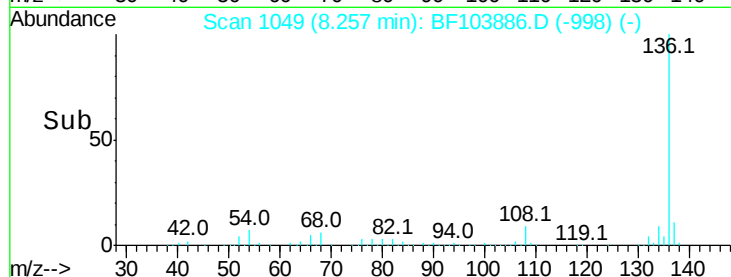


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.818 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

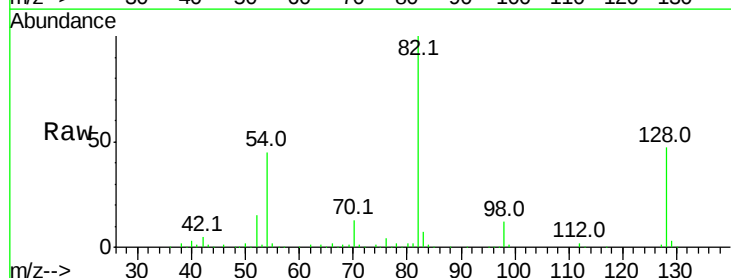
Tgt Ion: 82 Resp: 326336

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

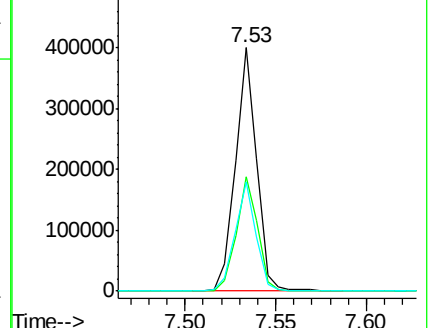
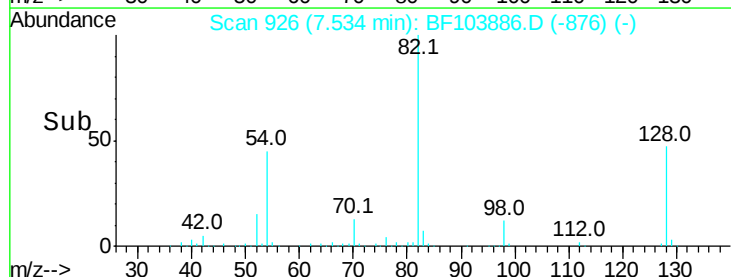
54 45.0 41.4 62.2

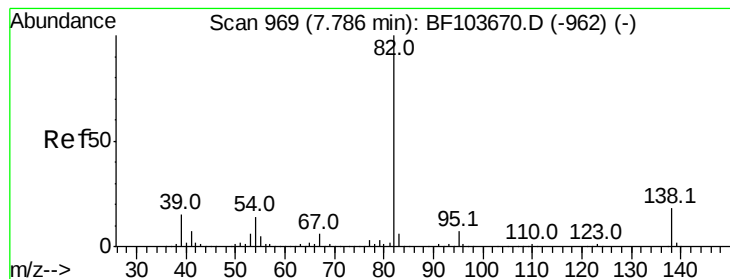


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.496 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

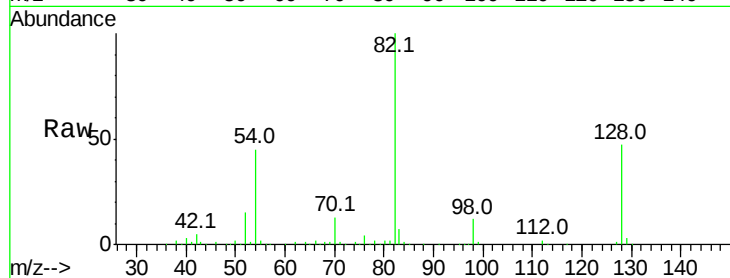
Tot Ion: 82 Resp: 326331

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

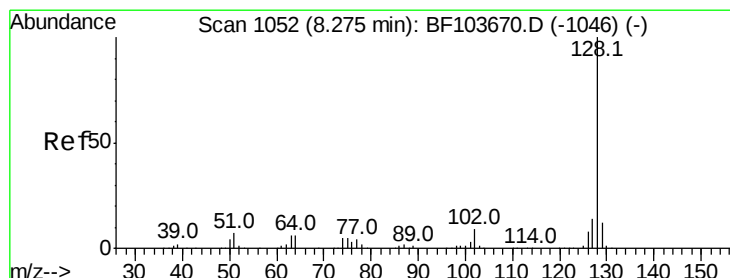
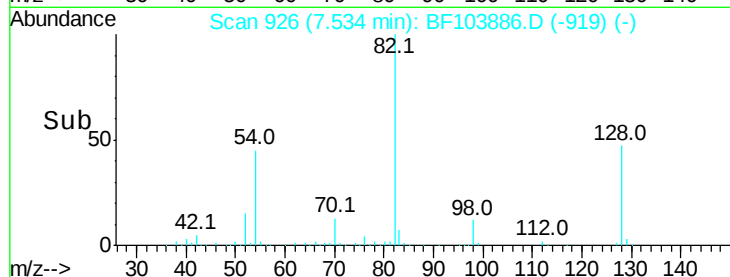
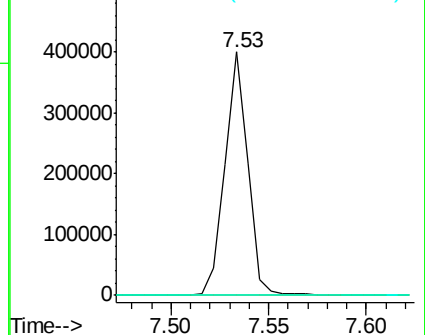
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 4.626 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

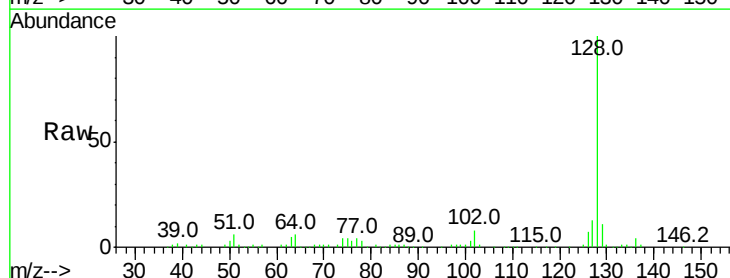
Tgt Ion: 128 Resp: 124212

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

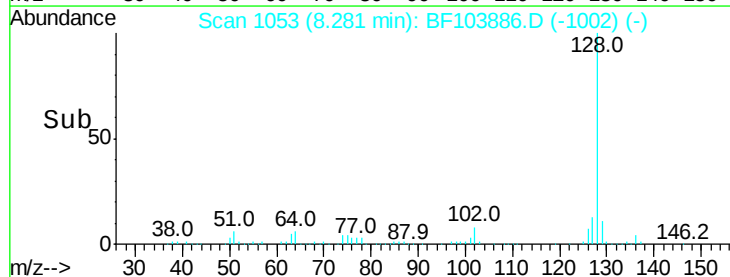
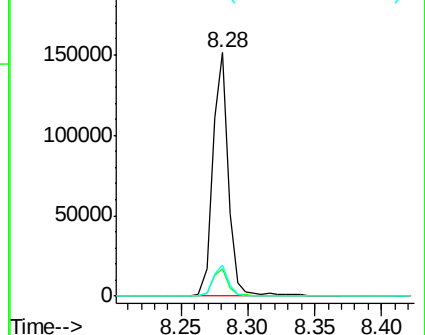
127 12.8 10.9 16.3

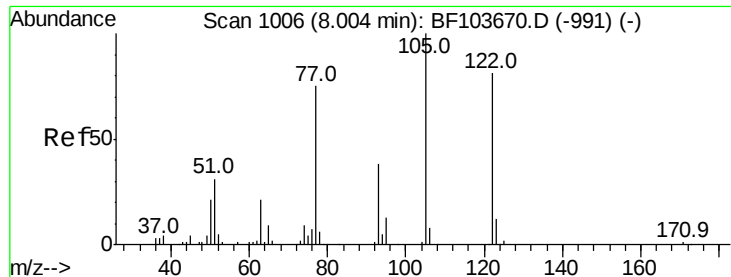


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

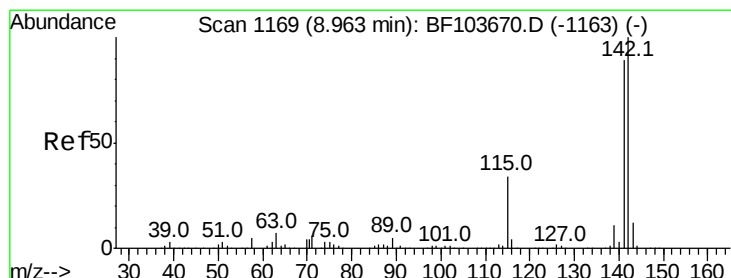
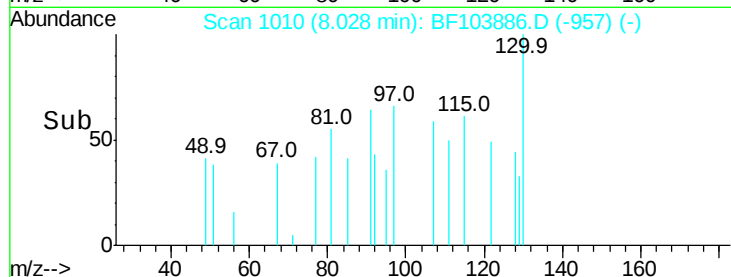
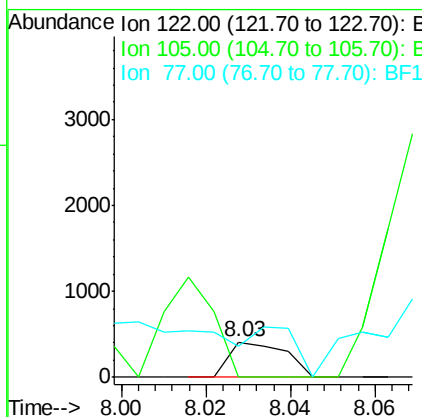
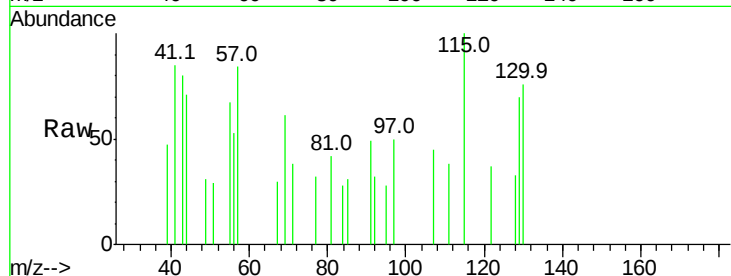




#32
Benzoic acid
Concen: 9.962 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

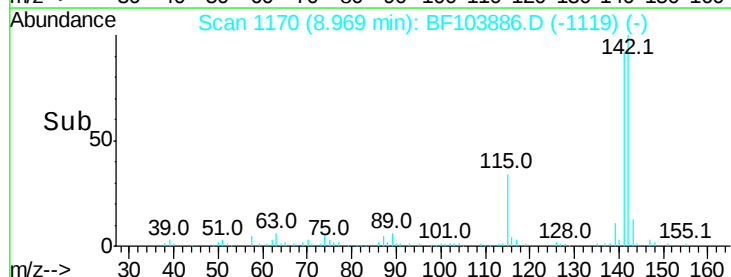
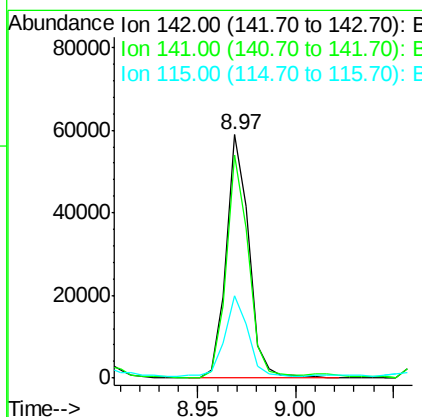
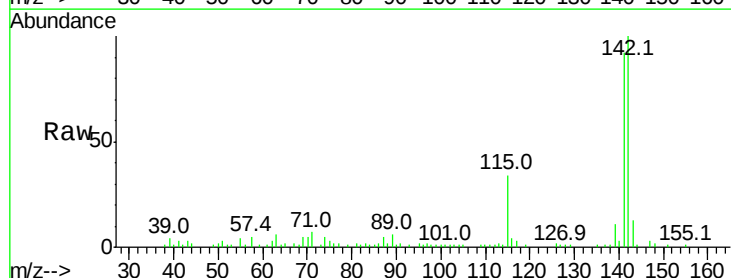
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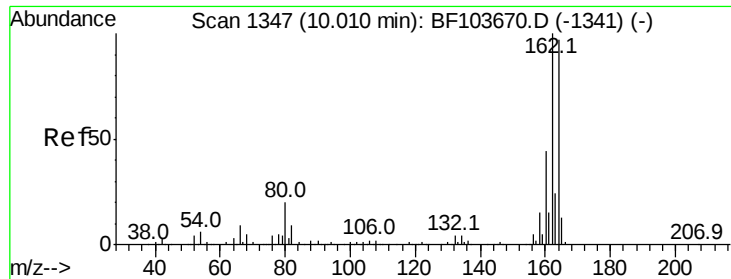
Tot Ion:122 Resp: 381
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 86.2 70.7 110.7



#37
2-Methylnaphthalene
Concen: 2.789 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:142 Resp: 47483
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2
115 34.0 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

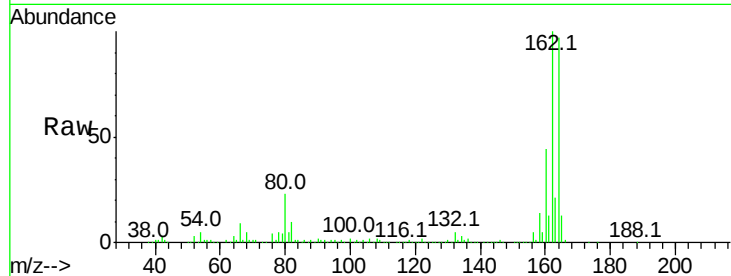
Tot Ion:164 Resp: 207182

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

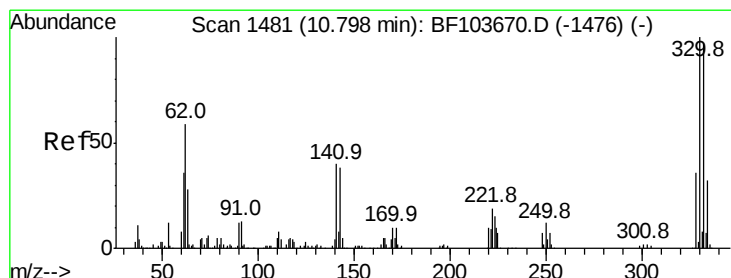
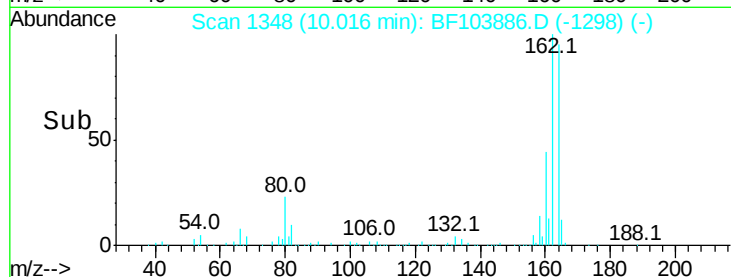
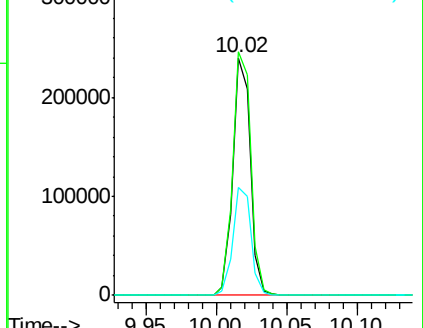
160 45.7 38.3 57.5



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: 58.986 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

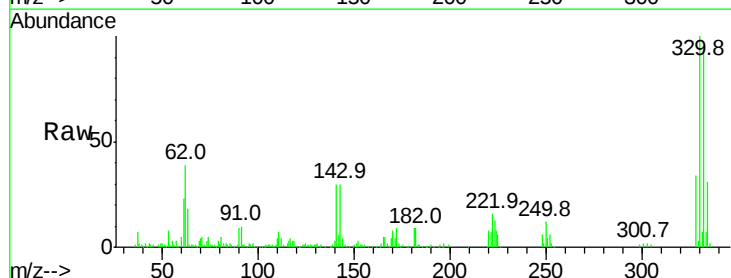
Tgt Ion:330 Resp: 105075

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

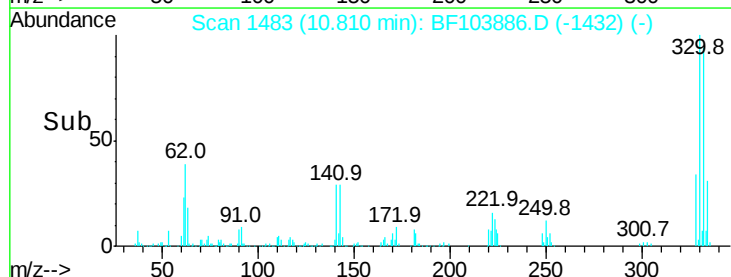
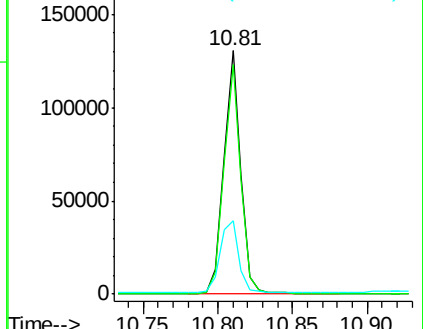
141 33.8 29.9 44.9

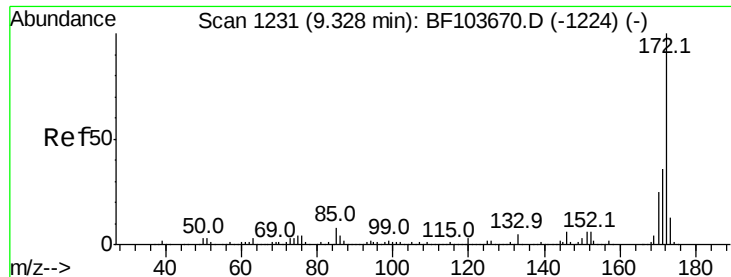


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

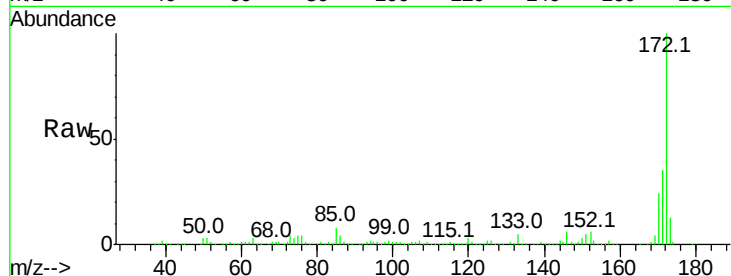




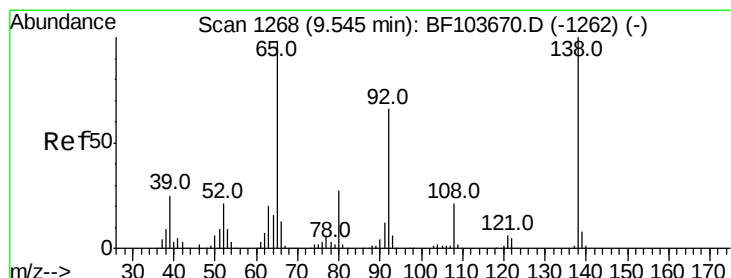
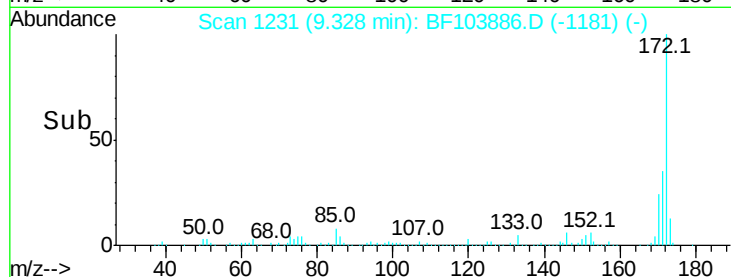
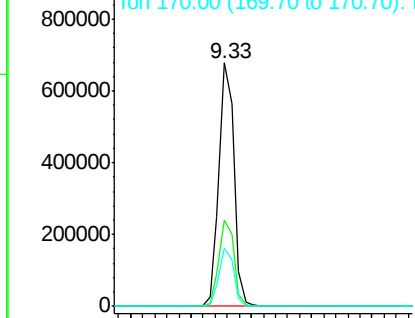
#44
 2-Fluorobiphenyl
 Concen: 44.660 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103886.D
 Acq: 23 Mar 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 580049
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.8 19.6 29.4

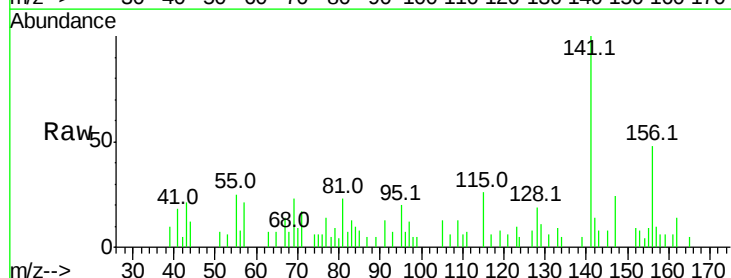


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

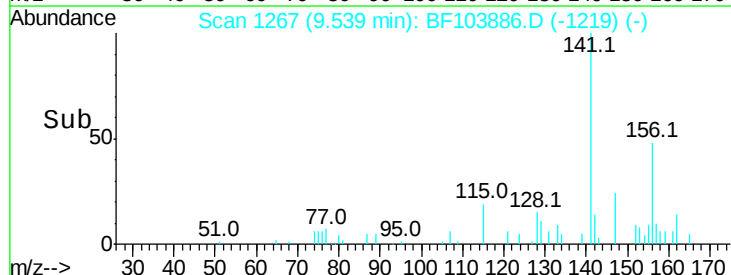
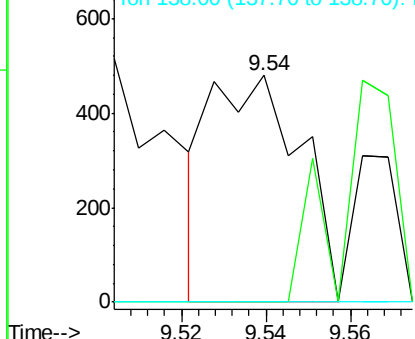


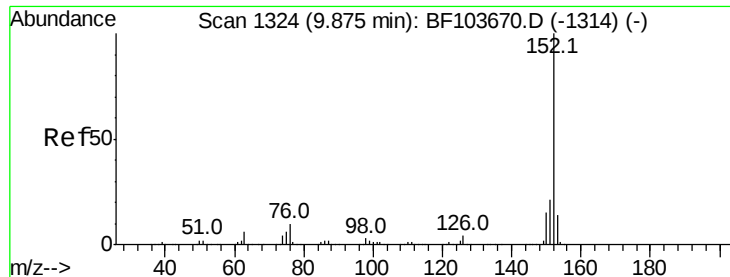
#47
 2-Nitroaniline
 Concen: 6.984 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF103886.D
 Acq: 23 Mar 2018 17:53

Tgt Ion: 65 Resp: 710
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 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





#48

Acenaphthylene

Concen: 8.198 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampled :

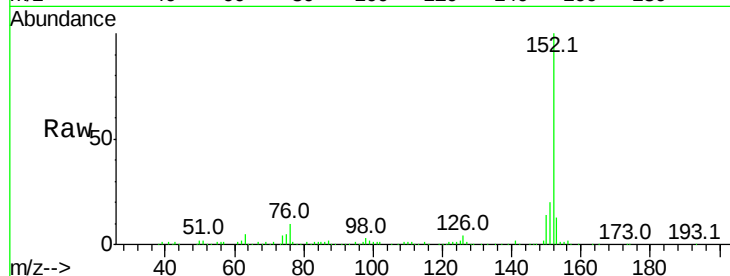
Tot Ion:152 Resp: 174436

Ion Ratio Lower Upper

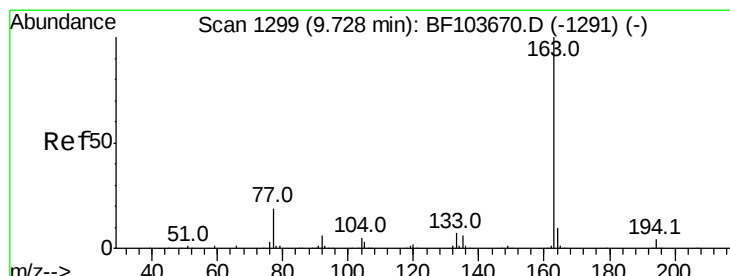
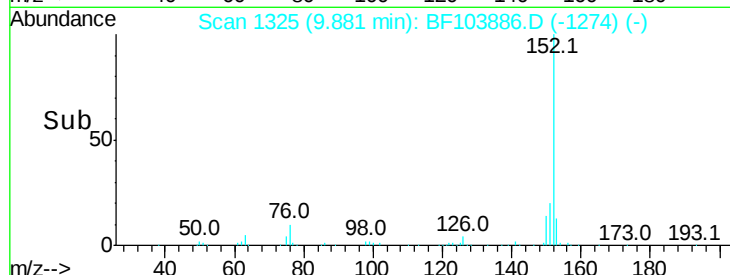
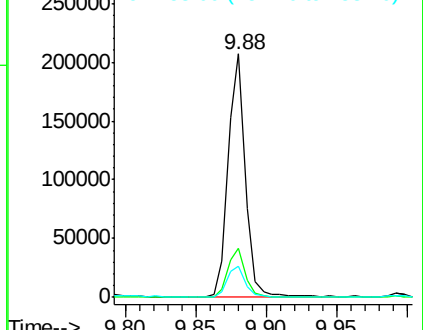
152 100

151 20.3 16.3 24.5

153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.257 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

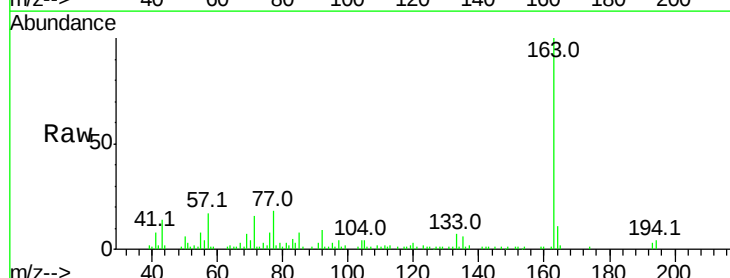
Tgt Ion:163 Resp: 51488

Ion Ratio Lower Upper

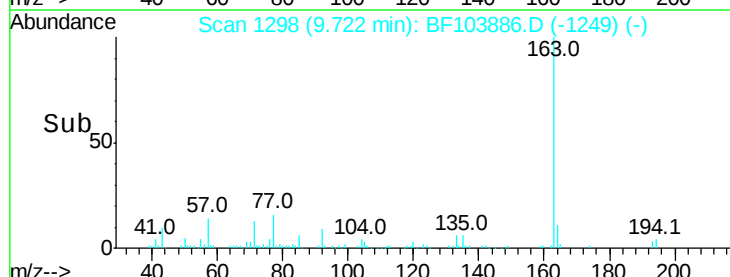
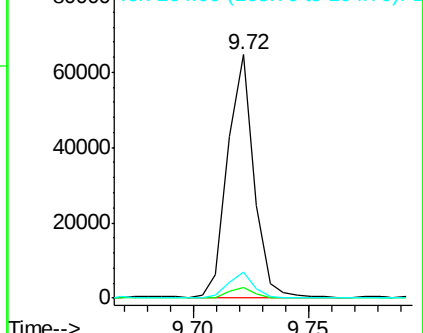
163 100

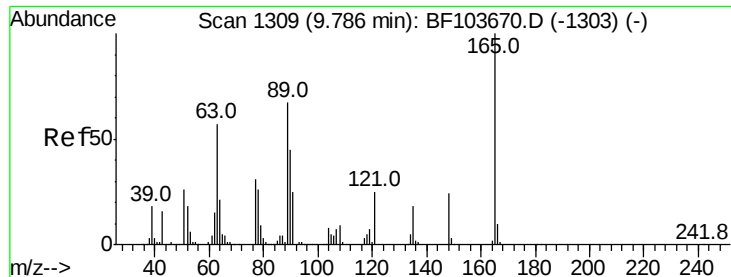
194 4.3 2.7 4.1#

164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

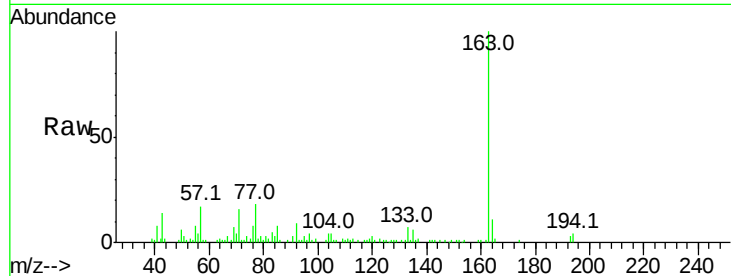




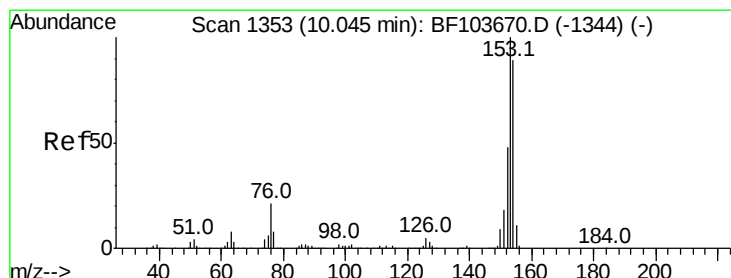
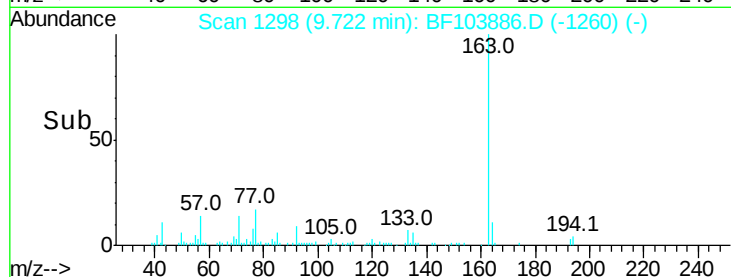
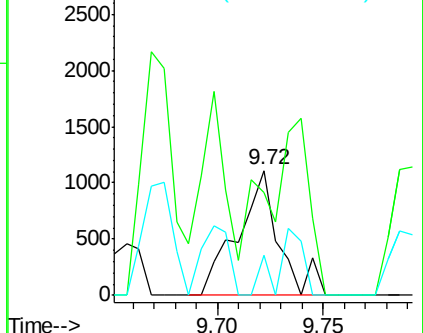
#50
2,6-Dinitrotoluene
Concen: 4.438 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.08 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 1514
Ion Ratio Lower Upper
165 100
63 82.3 44.7 67.1#
89 31.7 44.0 66.0#

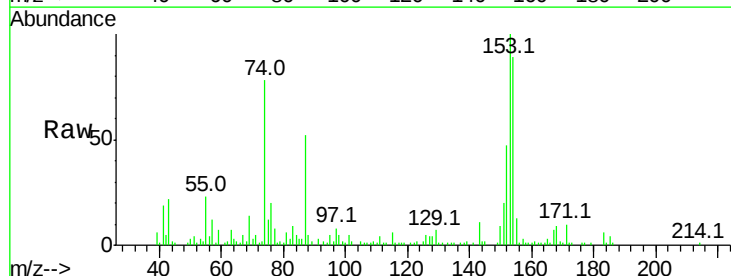


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

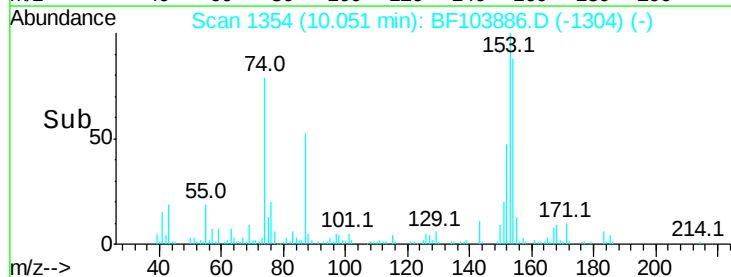
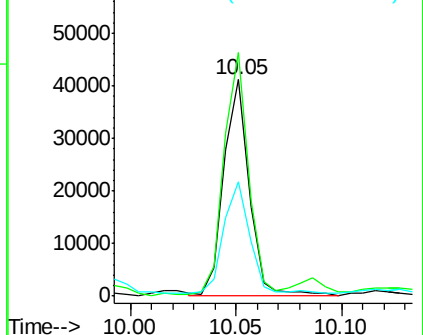


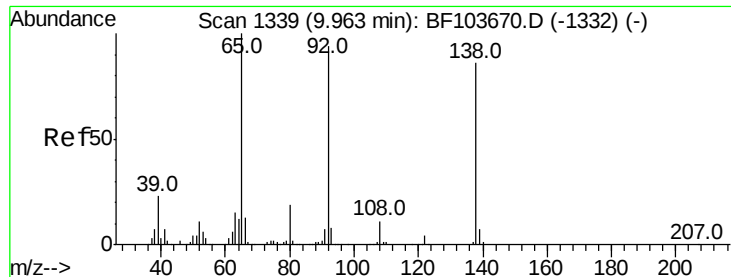
#51
Acenaphthene
Concen: 2.729 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:154 Resp: 34482
Ion Ratio Lower Upper
154 100
153 112.4 91.2 136.8
152 52.8 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





#52

3-Nitroaniline

Concen: 3.841 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.05 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

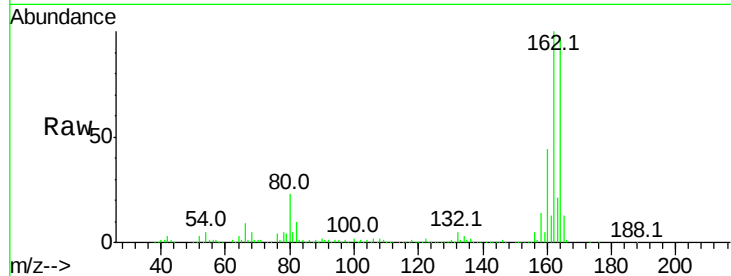
Tot Ion:138 Resp: 107

Ion Ratio Lower Upper

138 100

108 1638.4 9.4 14.0#

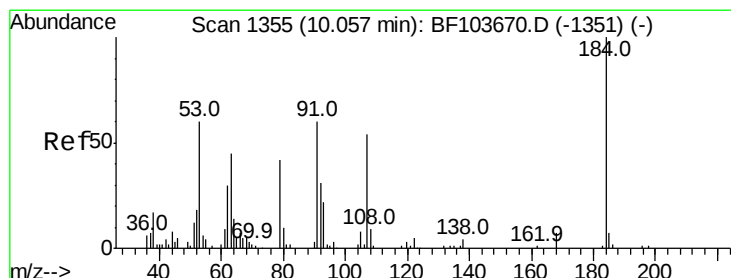
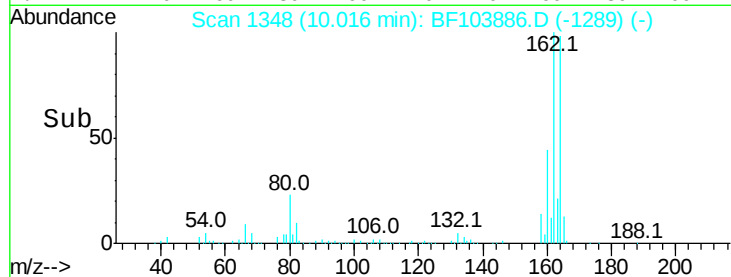
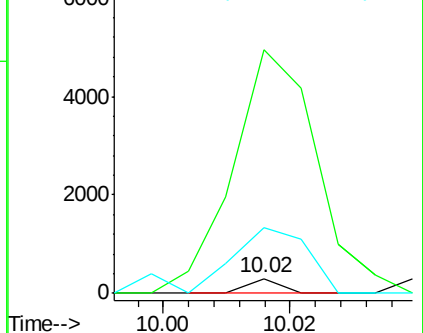
92 446.4 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 7.756 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

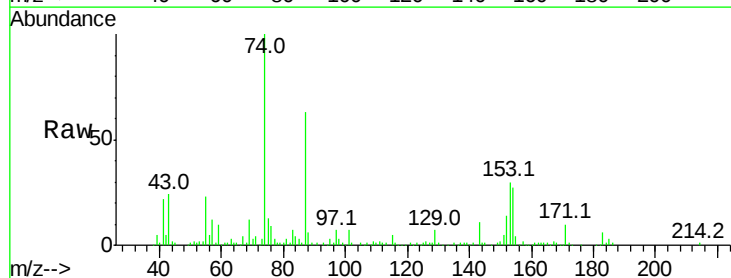
Tgt Ion:184 Resp: 580

Ion Ratio Lower Upper

184 100

63 381.3 54.2 81.2#

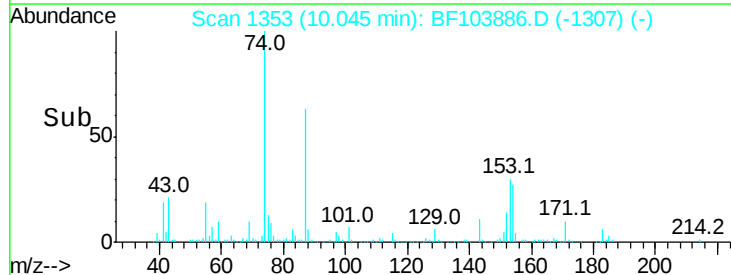
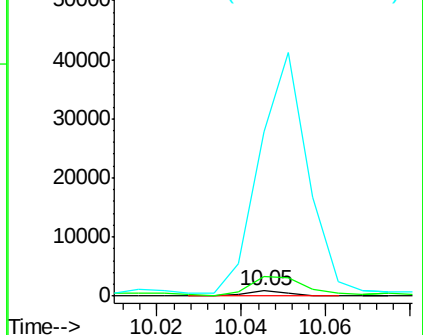
154 3256.2 184.0 276.0#

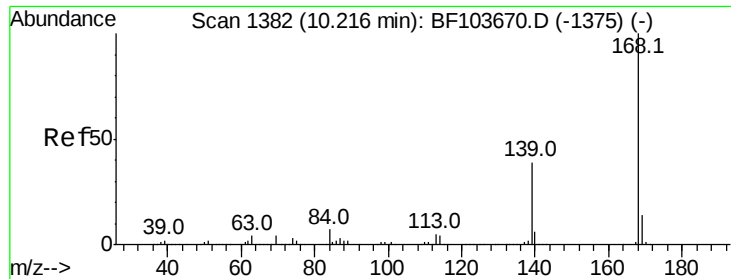


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.332 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

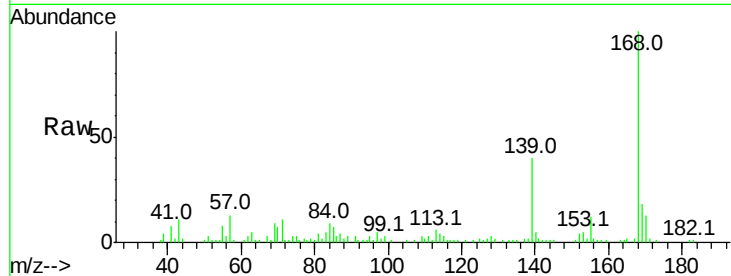
Tot Ion:168 Resp: 42083

Ion Ratio Lower Upper

168 100

139 39.8 30.1 45.1

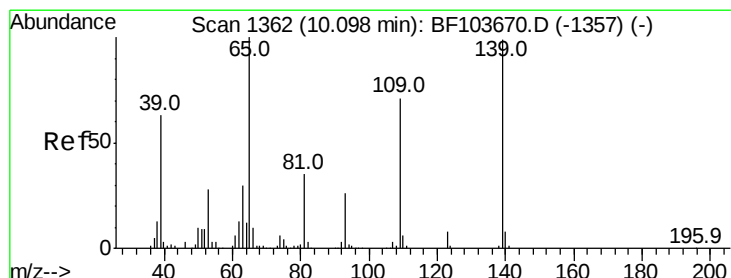
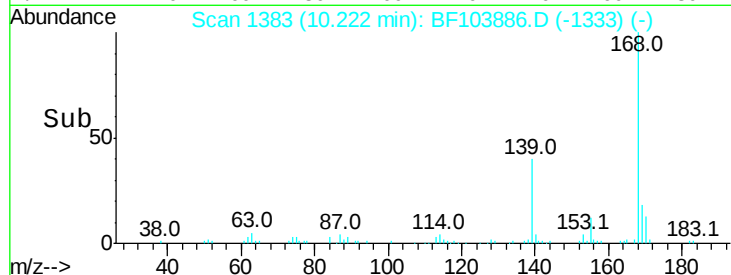
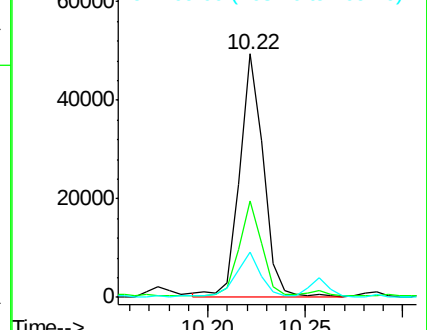
169 18.4 10.9 16.3#



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: 5.401 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

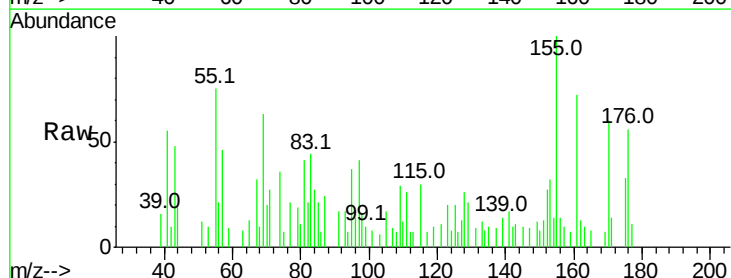
Tgt Ion:139 Resp: 1330

Ion Ratio Lower Upper

139 100

109 209.0 48.4 88.4#

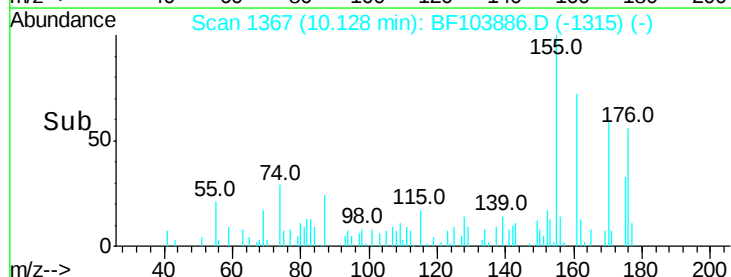
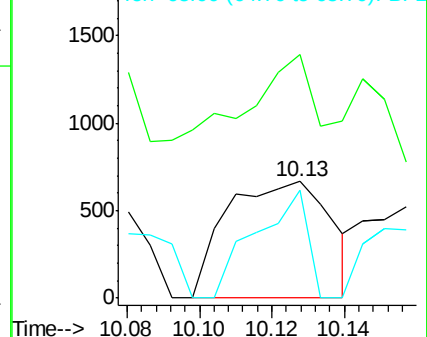
65 92.8 72.6 112.6

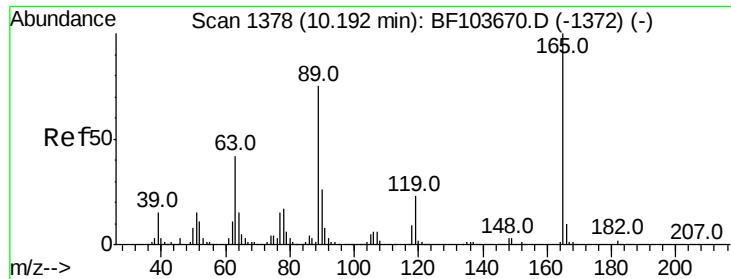


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

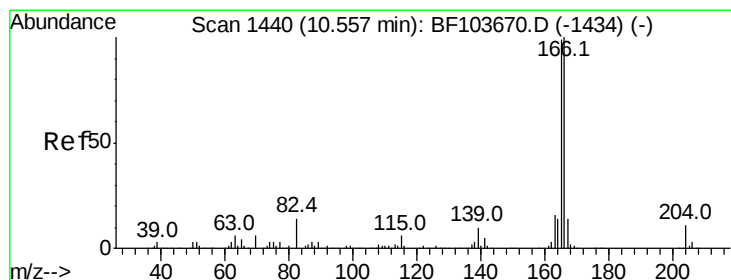
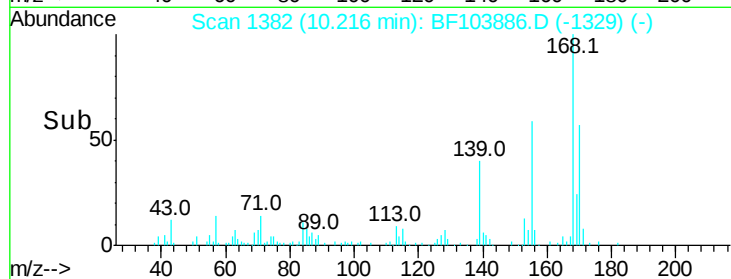
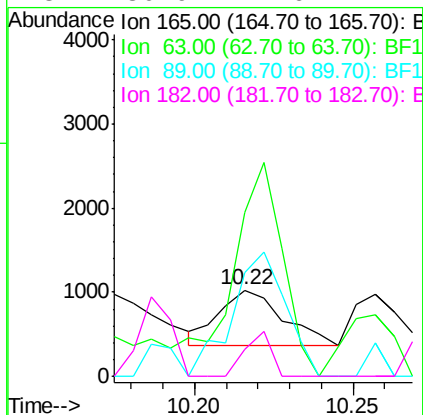
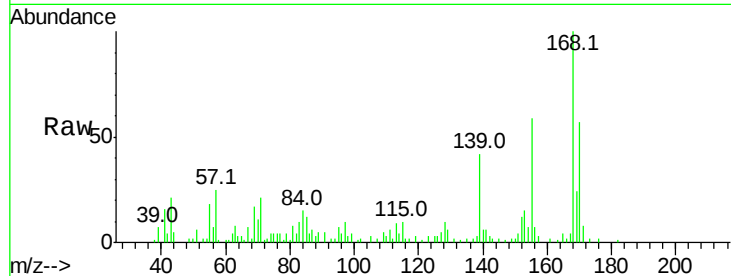




#56
2,4-Dinitrotoluene
Concen: 6.417 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

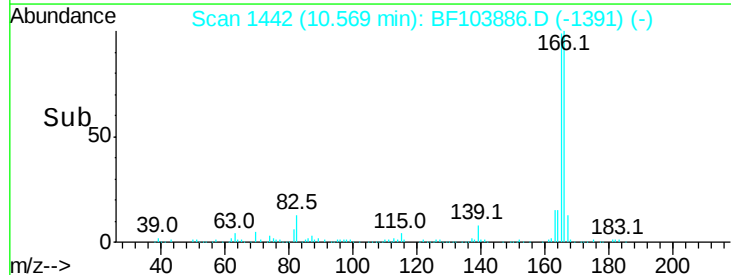
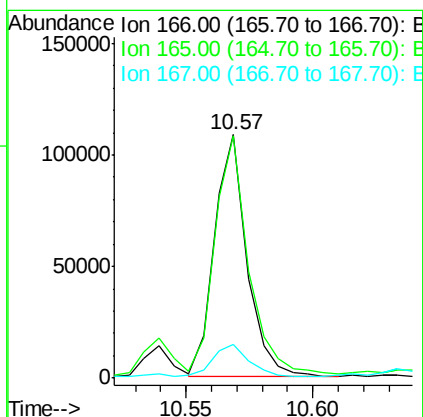
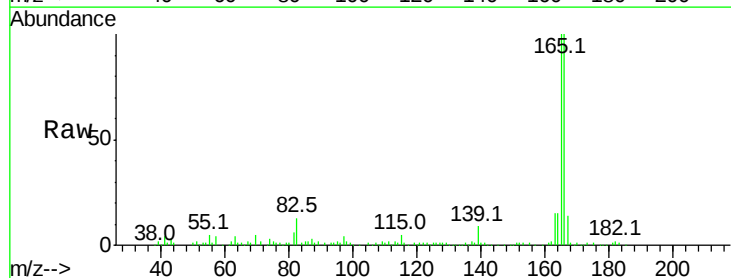
Instrument :
BNA_F
ClientSampleId :

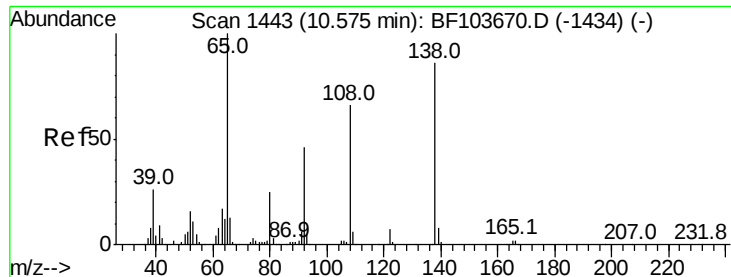
Tot Ion:165 Resp: 905
Ion Ratio Lower Upper
165 100
63 190.9 36.4 54.6#
89 120.8 57.8 86.6#
182 30.9 1.6 2.4#



#57
Fluorene
Concen: 6.900 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:166 Resp: 96613
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.8
167 14.0 10.6 16.0

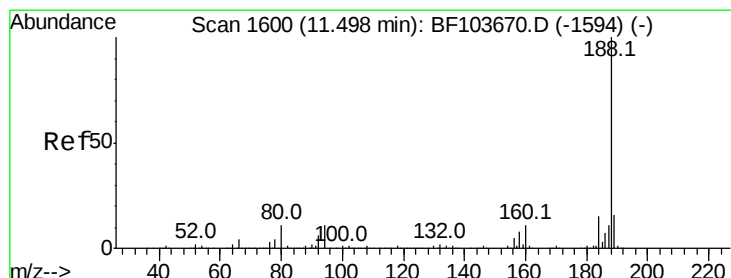
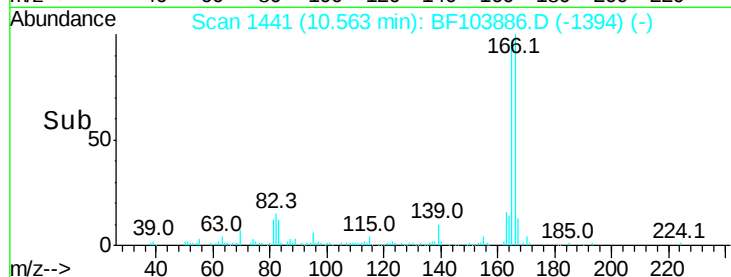
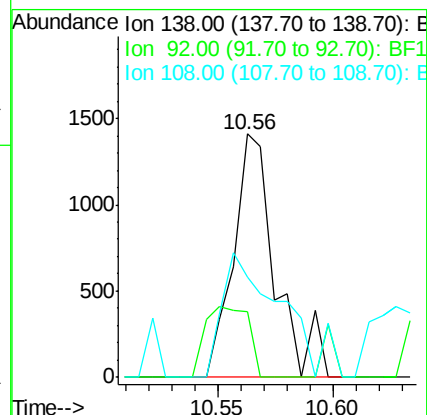
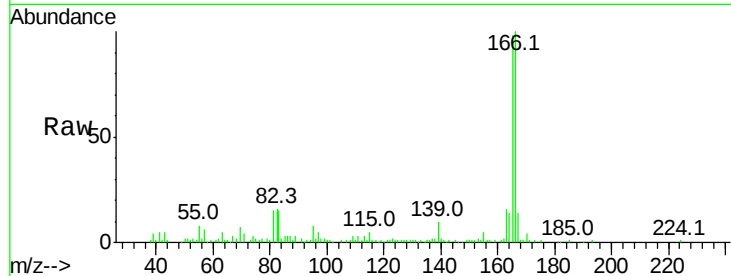




#61
4-Nitroaniline
Concen: 4.215 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

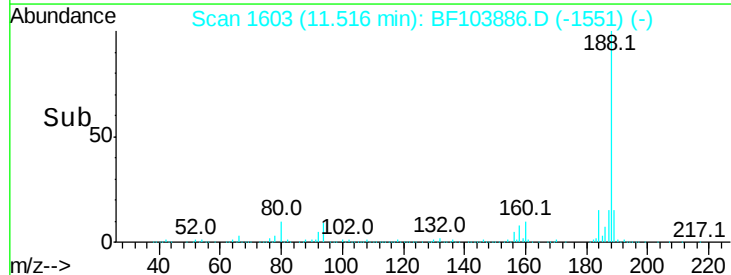
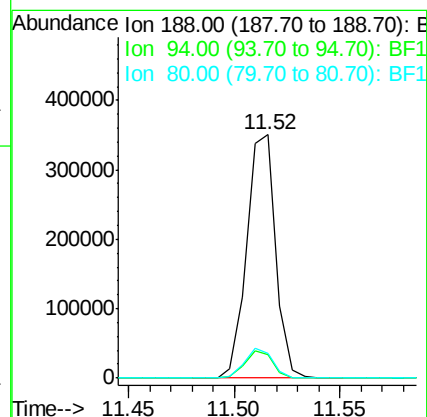
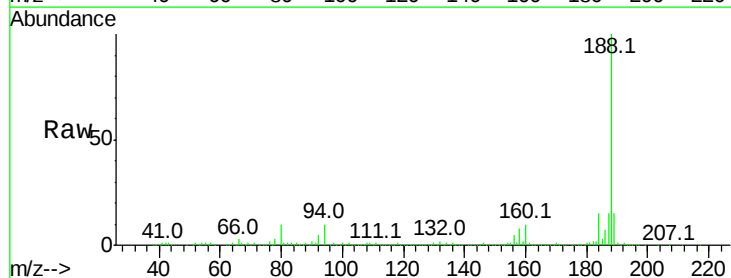
Instrument :
BNA_F
ClientSampleId :

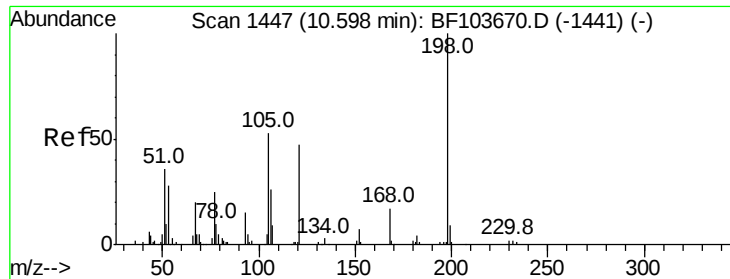
Tot Ion:138 Resp: 1782
Ion Ratio Lower Upper
138 100
92 27.2 30.2 70.2#
108 41.1 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:188 Resp: 330873
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.230 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.19 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampled :

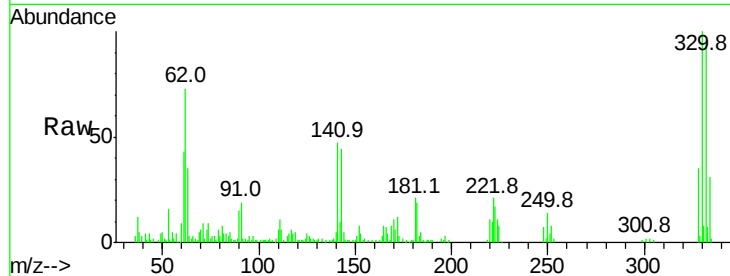
Tot Ion:198 Resp: 126

Ion Ratio Lower Upper

198 100

51 363.0 37.7 77.7#

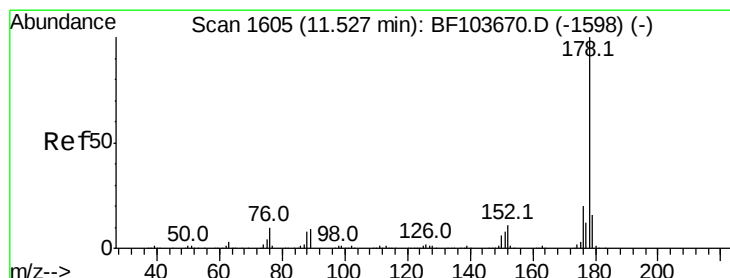
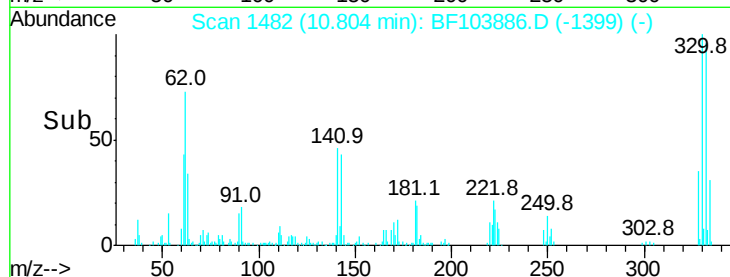
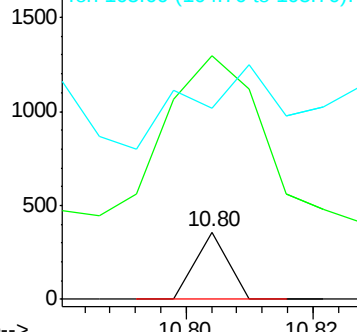
105 284.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 34.104 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

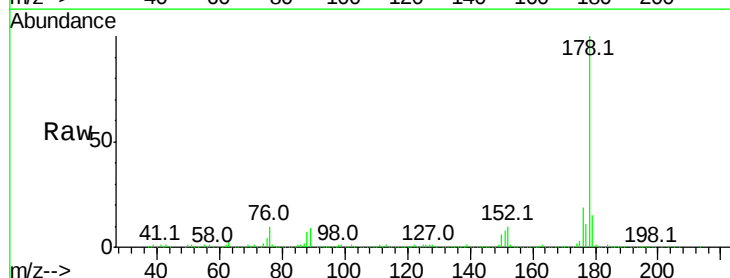
Tgt Ion:178 Resp: 617266

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

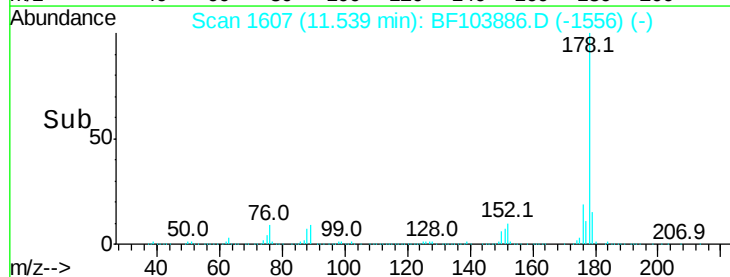
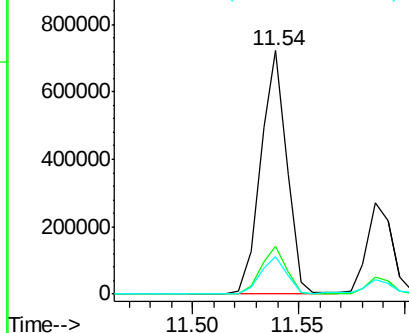
179 15.5 13.0 19.6

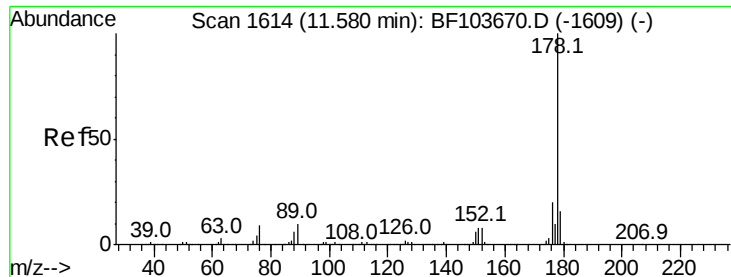


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

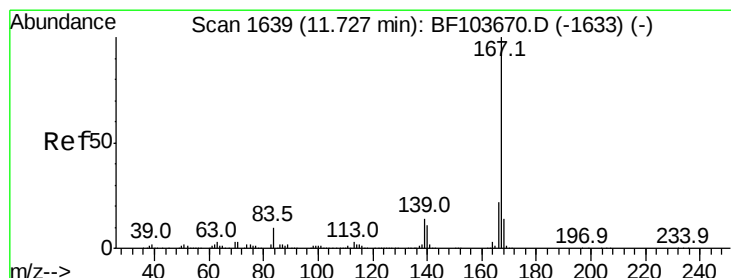
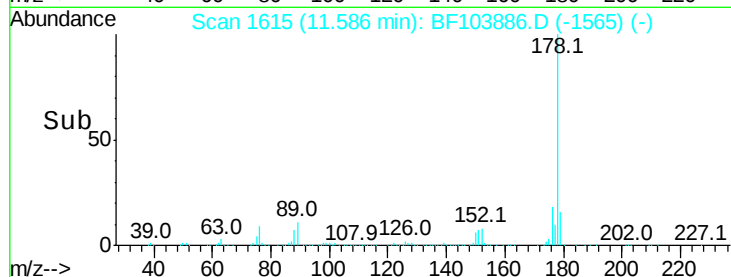
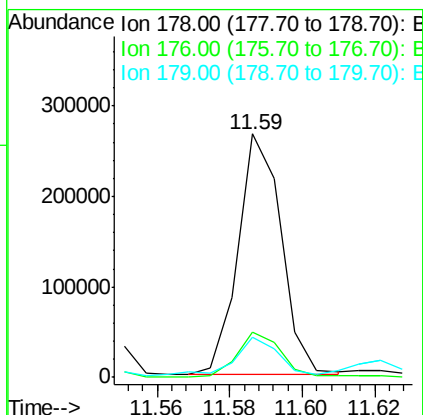
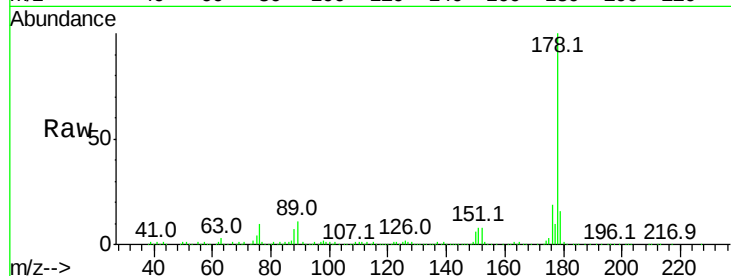




#71
 Anthracene
 Concen: 12.051 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103886.D
 Acq: 23 Mar 2018 17:53

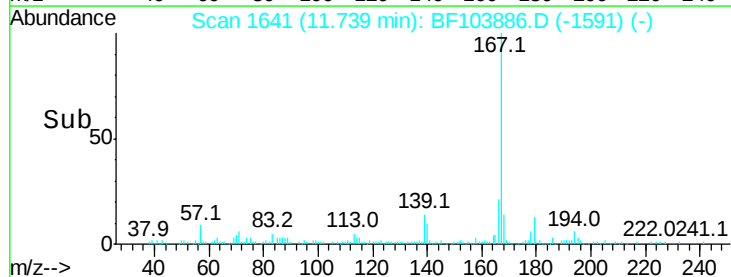
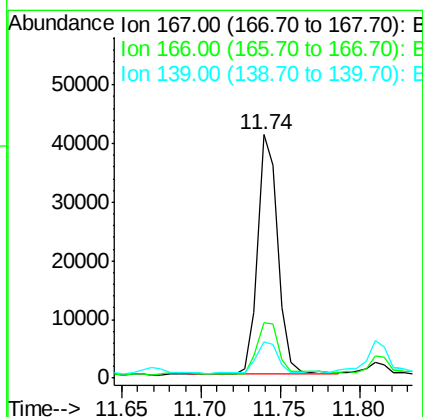
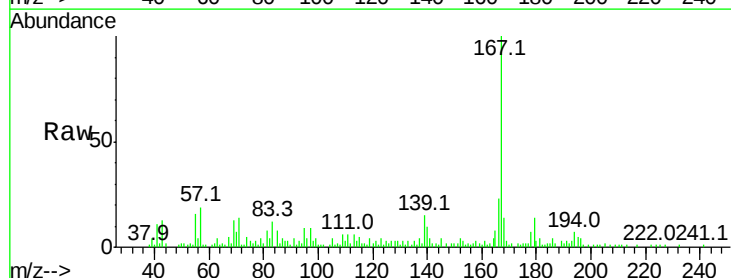
Instrument :
 BNA_F
 ClientSampleId :

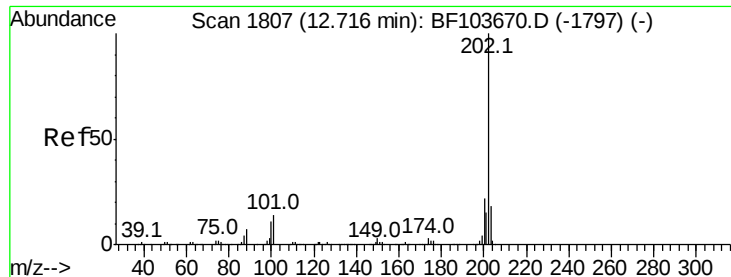
Tot Ion:178 Resp: 221535
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 2.047 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF103886.D
 Acq: 23 Mar 2018 17:53

Tgt Ion:167 Resp: 36569
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.9 10.9 16.3





#74

Fluoranthene

Concen: 41.021 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

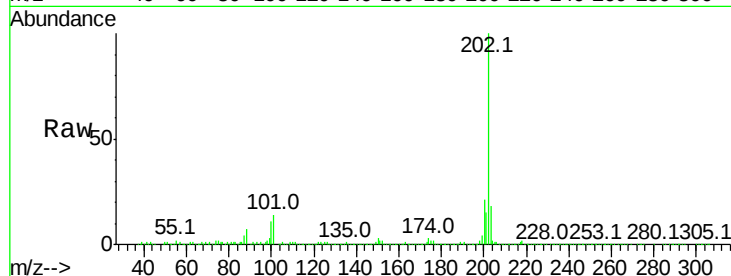
Tot Ion:202 Resp: 764899

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

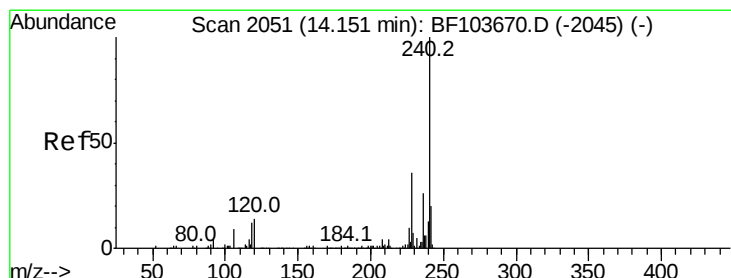
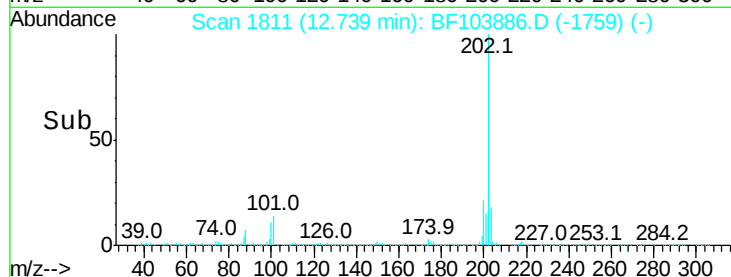
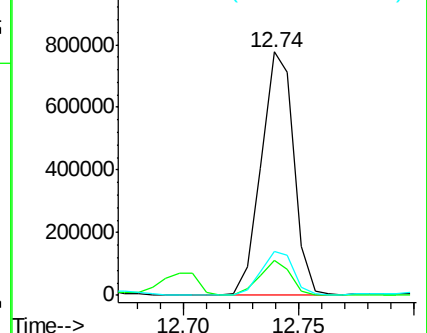
203 17.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

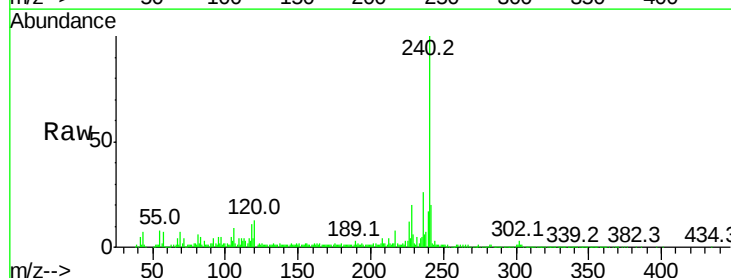
Tgt Ion:240 Resp: 239849

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

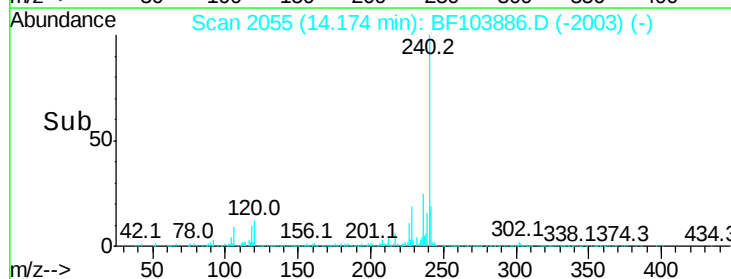
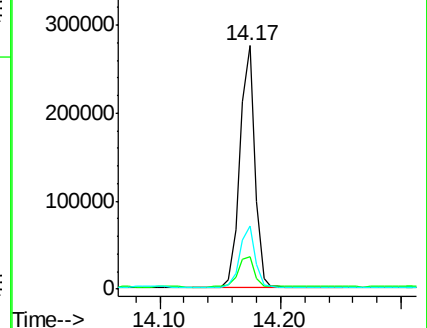
236 25.8 20.7 31.1

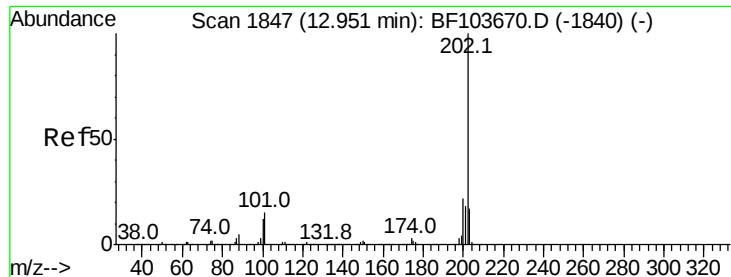


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

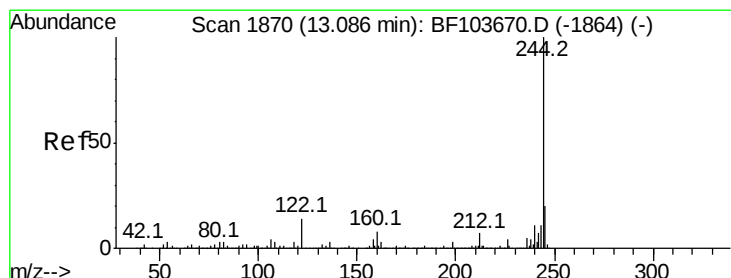
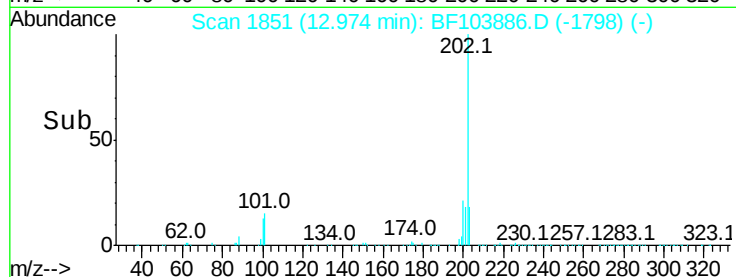
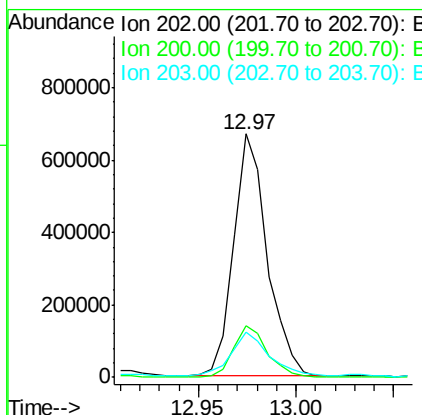
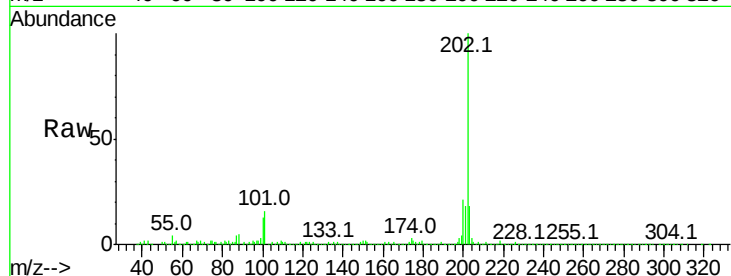




#77
Pvrene
Concen: 45.412 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

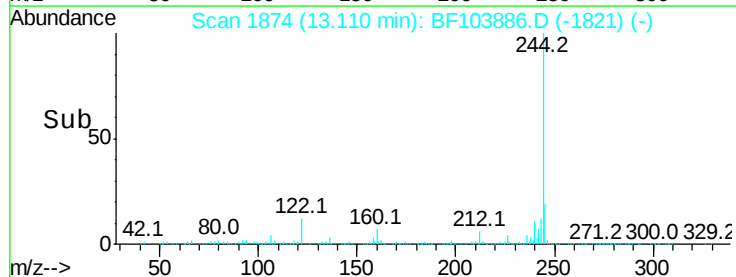
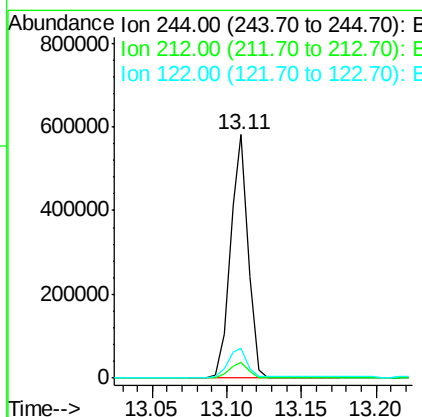
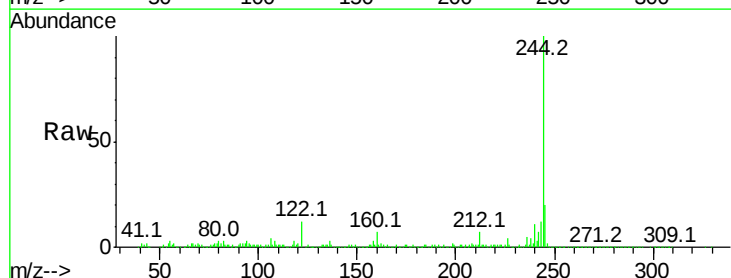
Instrument :
BNA_F
ClientSampleId :

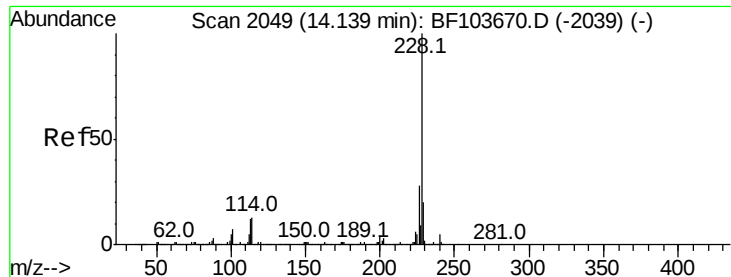
Tot Ion:202 Resp: 799902
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 46.868 ng
RT: 13.11 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:244 Resp: 484300
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 12.4 11.0 16.4





#80

Benzo(a)anthracene

Concen: 19.710 ng

RT: 14.20 min Scan# 2059

Delta R.T. 0.04 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampled :

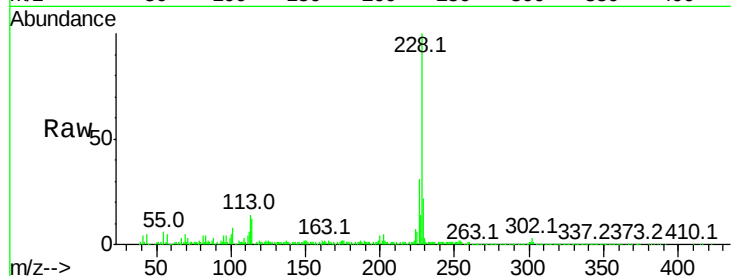
Tot Ion:228 Resp: 299250

Ion Ratio Lower Upper

228 100

226 30.9 22.6 33.8

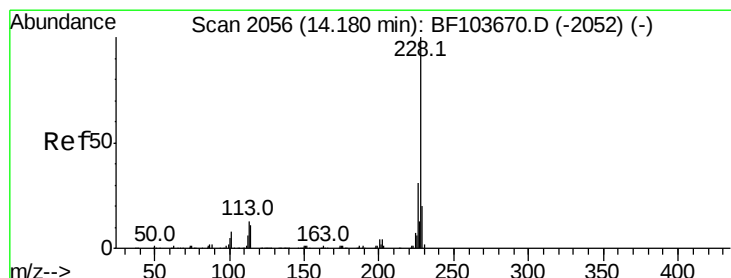
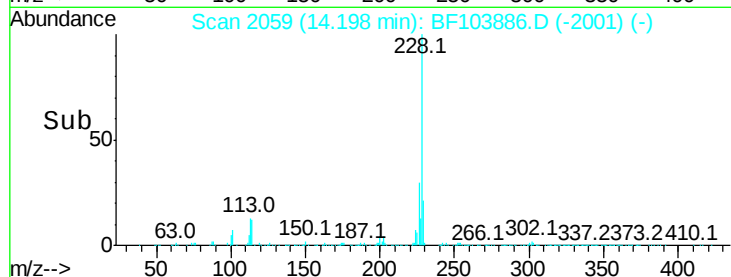
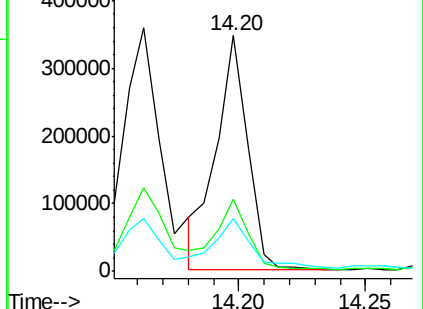
229 22.4 15.8 23.6



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: 20.677 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

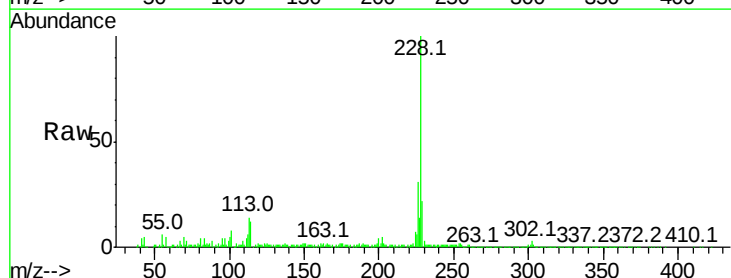
Tgt Ion:228 Resp: 299250

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

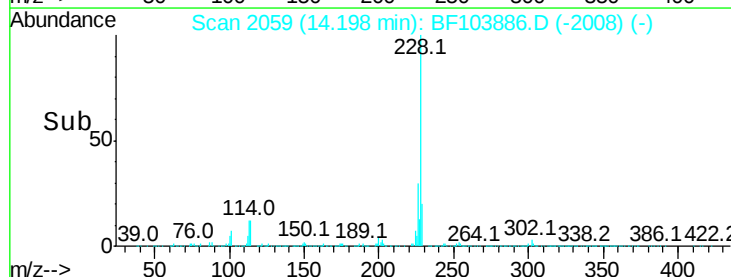
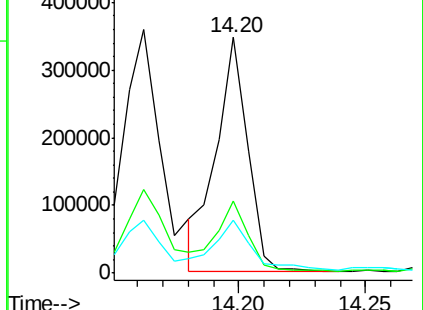
229 22.4 16.2 24.4

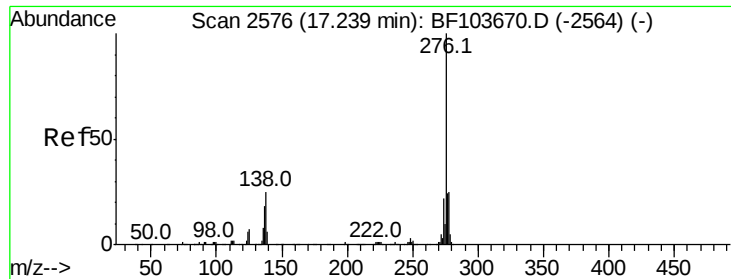


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

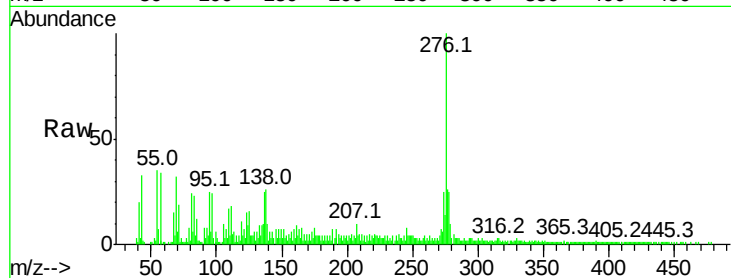




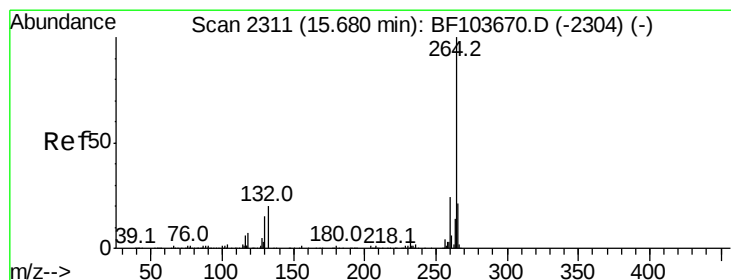
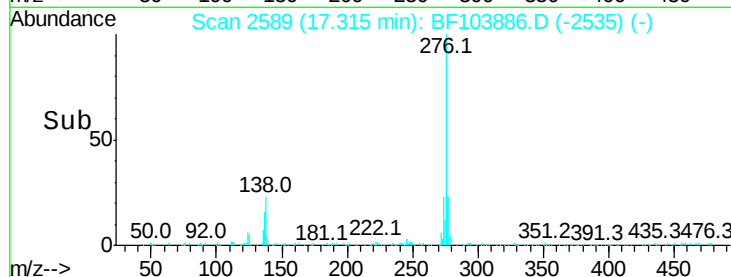
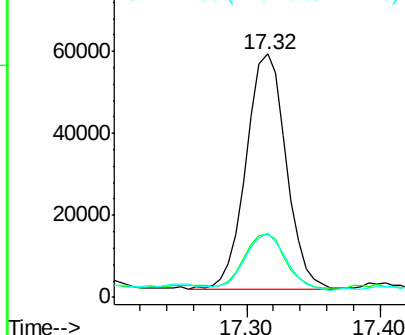
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.470 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.02 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	24.2	20.1	30.1

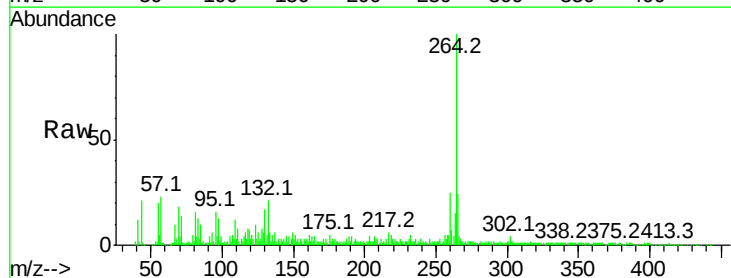


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

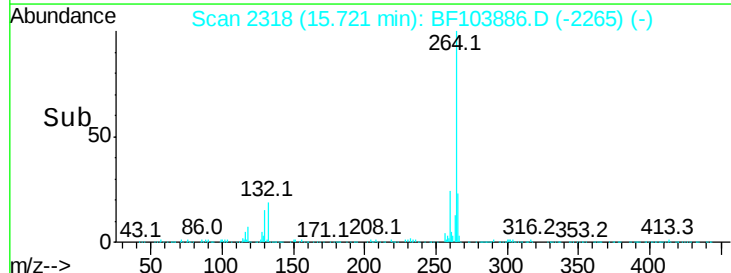
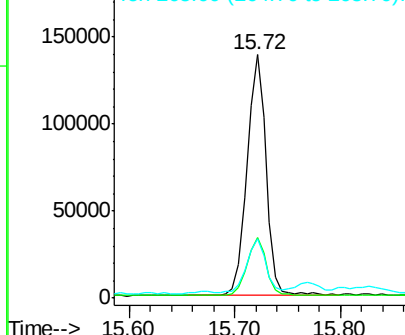


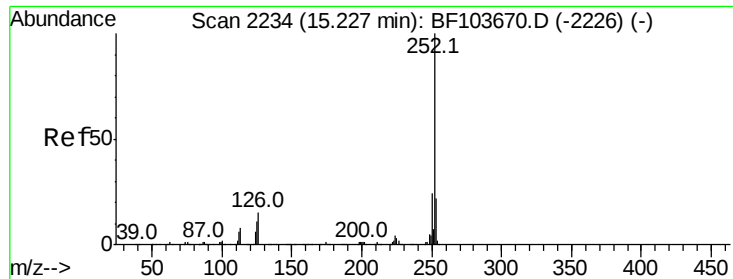
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	24.2	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: 34.257 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampled :

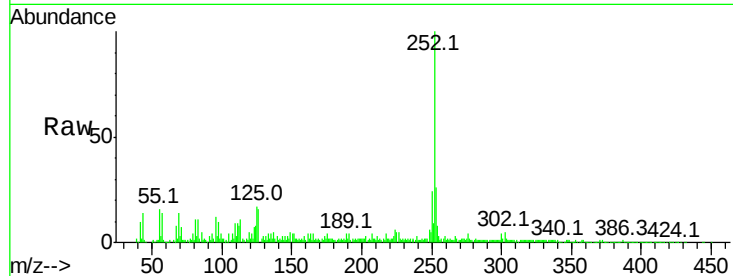
Tot Ion:252 Resp: 377834

Ion Ratio Lower Upper

252 100

253 25.7 17.0 25.6#

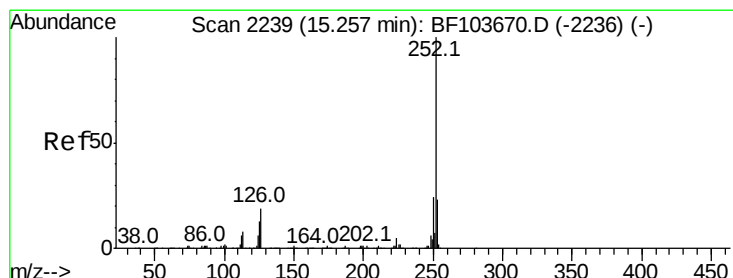
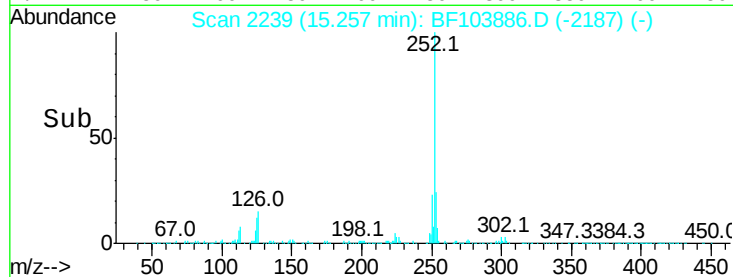
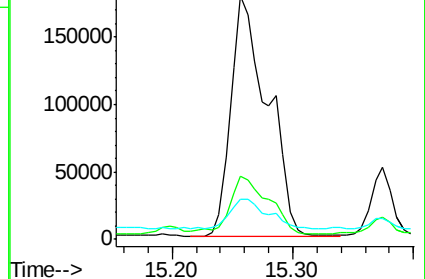
125 16.5 9.0 13.6#



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: 35.637 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

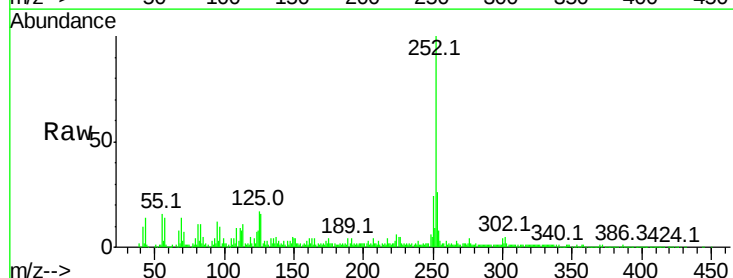
Tgt Ion:252 Resp: 377834

Ion Ratio Lower Upper

252 100

253 25.7 17.9 26.9

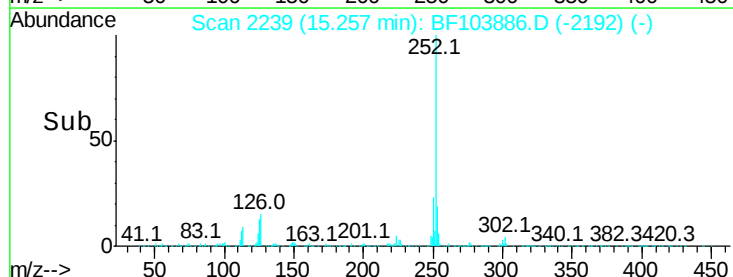
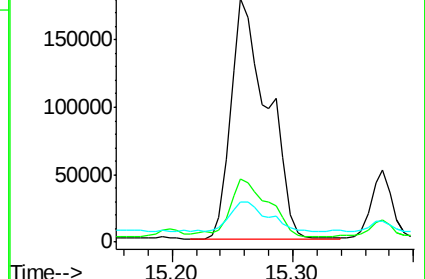
125 16.5 10.2 15.2#

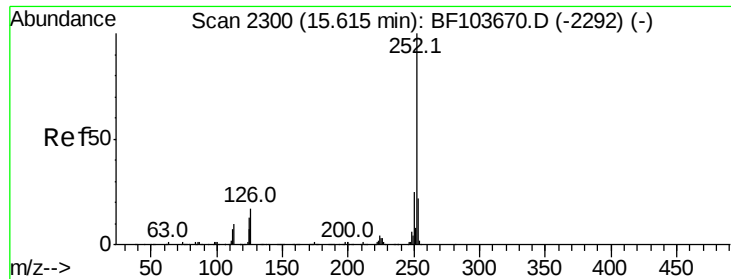


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

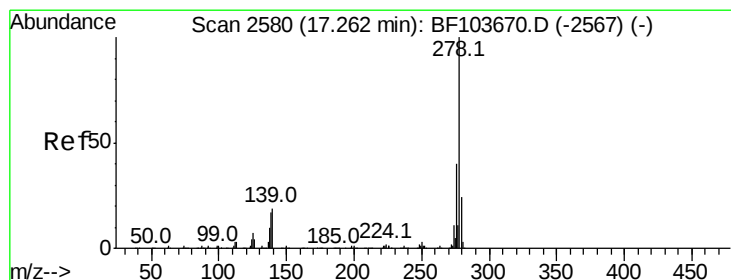
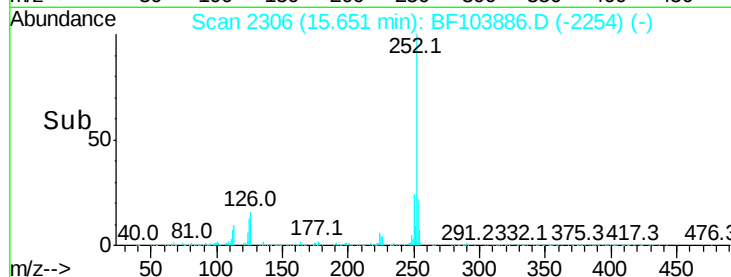
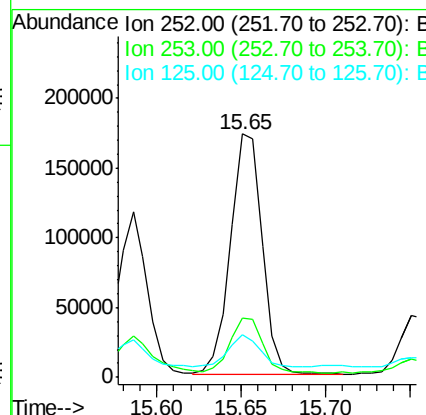
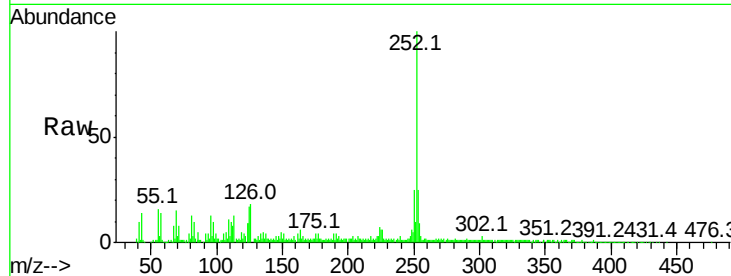




#89
Benzo(a)pyrene
Concen: 22.381 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

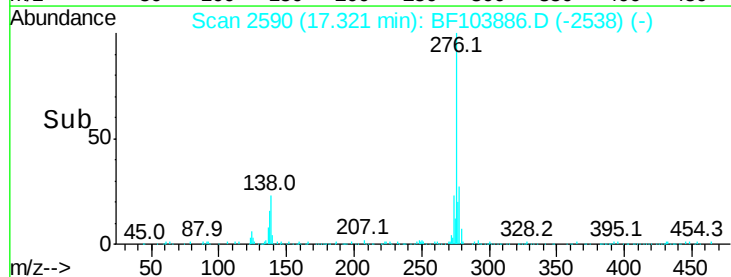
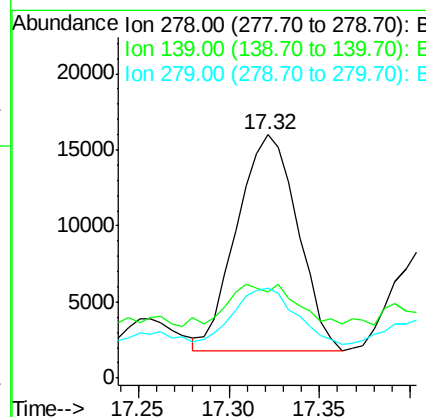
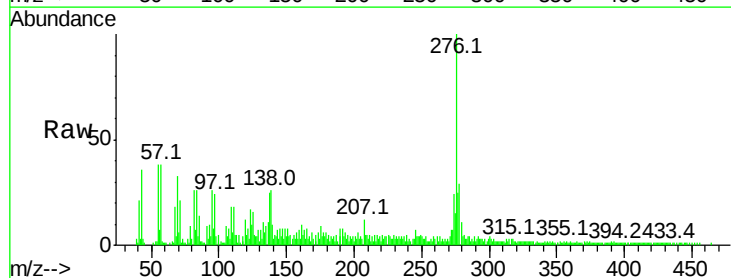
Instrument :
BNA_F
ClientSampleId :

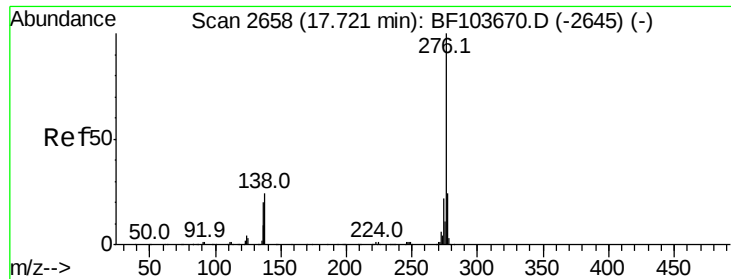
Tot Ion:252 Resp: 223895
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 17.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 3.823 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF103886.D
Acq: 23 Mar 2018 17:53

Tgt Ion:278 Resp: 33117
Ion Ratio Lower Upper
278 100
139 35.2 15.9 23.9#
279 36.9 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 13.736 ng

RT: 17.80 min Scan# 2672

Delta R.T. 0.02 min

Lab File: BF103886.D

Acq: 23 Mar 2018 17:53

Instrument :

BNA_F

ClientSampleId :

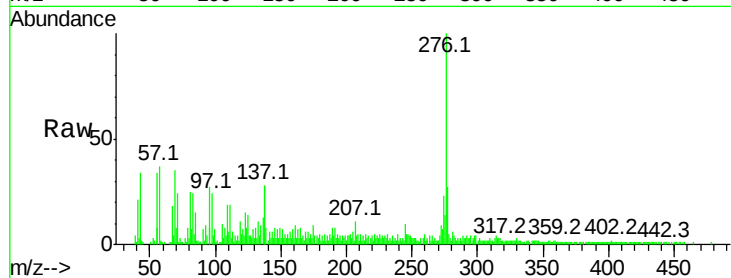
Tot Ion:276 Resp: 115758

Ion Ratio Lower Upper

276 100

277 27.3 17.9 26.9#

138 27.8 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

