

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102748.D
 Acq On : 5 Feb 2018 19:54
 Operator : SJ/JU
 Sample : J1456-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:42:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	199213	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	848324	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	359902	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	498085	20.00	ng	0.00
75) Chrysene-d12	14.06	240	265455	20.00	ng	0.00
86) Perylene-d12	15.54	264	286744	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1490129	113.60	ng	0.00
7) Phenol-d6	6.51	99	1756392	111.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	908745	74.31	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	316521	109.27	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1501811	69.24	ng	0.00
78) Terphenyl-d14	13.00	244	847878	75.63	ng	0.00

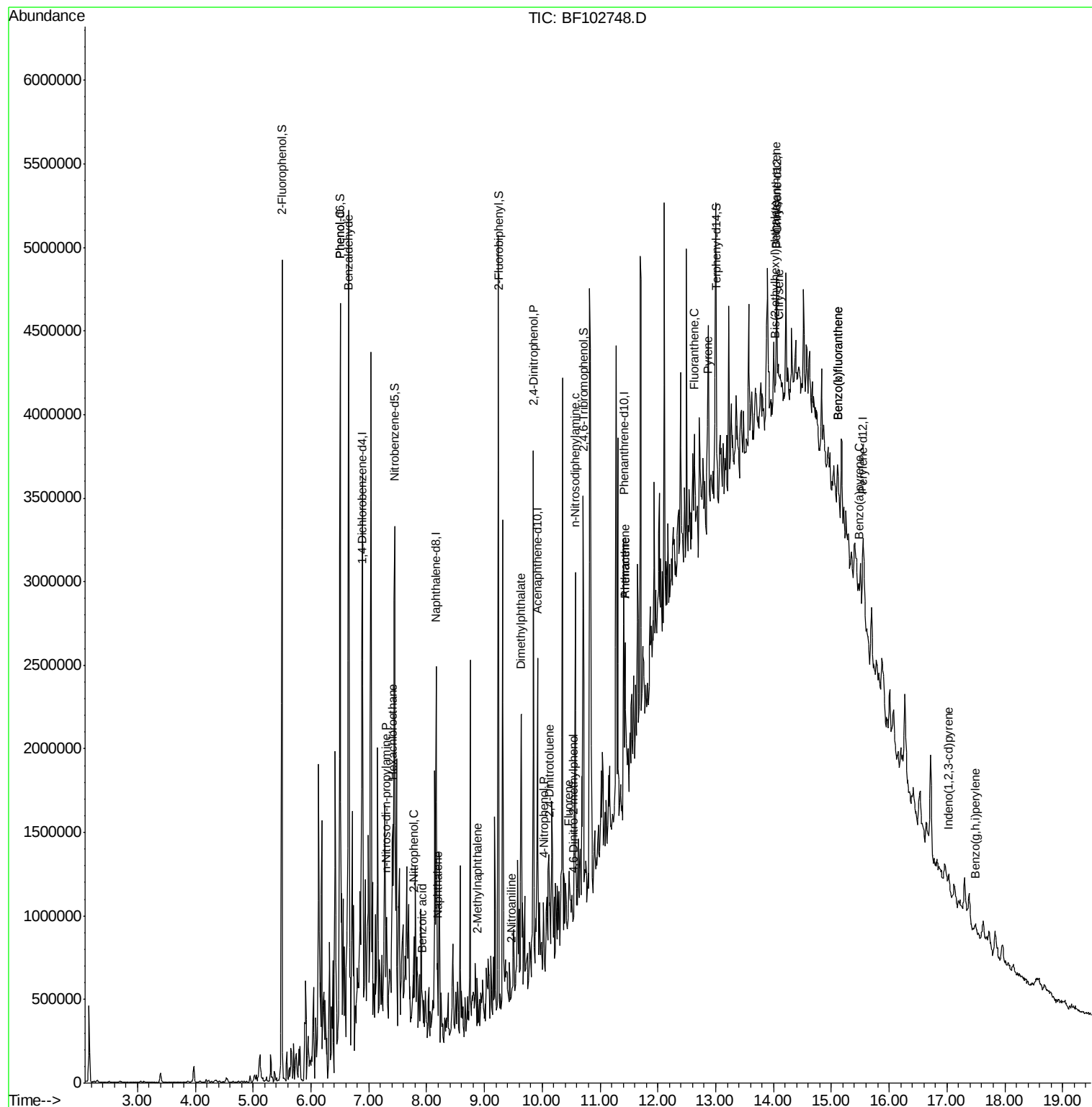
Target Compounds				Qvalue		
9) Benzaldehyde	6.65	77	36750	3.133	ng	82
10) Phenol	6.52	94	48213	2.848	ng	# 69
18) Hexachloroethane	7.42	117	17721	3.317	ng	# 1
19) n-Nitroso-di-n-propylamine	7.31	70	33779	3.244	ng	# 65
26) 2-Nitrophenol	7.78	139	3395	9.137	ng	# 1
31) Naphthalene	8.19	128	86922	2.097	ng	# 96
32) Benzoic acid	7.93	122	9973	9.687	ng	# 78
37) 2-Methylnaphthalene	8.87	142	68838	2.537	ng	98
47) 2-Nitroaniline	9.47	65	582	3.546	ng	# 24
49) Dimethylphthalate	9.63	163	141895	5.056	ng	# 98
53) 2,4-Dinitrophenol	9.85	184	288	8.228	ng	# 1
55) 4-Nitrophenol	10.02	139	7055	5.265	ng	# 26
56) 2,4-Dinitrotoluene	10.12	165	5161	3.750	ng	# 58
57) Fluorene	10.46	166	51361	2.260	ng	# 91
64) 4,6-Dinitro-2-methylphenol	10.53	198	448	8.992	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	56501	3.216	ng	# 43
70) Phenanthrene	11.43	178	313504	11.301	ng	99
71) Anthracene	11.43	178	313504	11.112	ng	98
74) Fluoranthene	12.63	202	261015	9.352	ng	97
77) Pvrene	12.86	202	248160	11.922	ng	98
80) Benzo(a)anthracene	14.04	228	93247	5.585	ng	# 90
82) Chrysene	14.08	228	85555	5.084	ng	# 92
83) Bis(2-ethylhexyl)phthalate	14.03	149	35969	2.821	ng	# 76
85) Indeno(1,2,3-cd)pyrene	17.03	276	50460	3.615	ng	96
87) Benzo(b)fluoranthene	15.10	252	145046	7.802	ng	# 44
88) Benzo(k)fluoranthene	15.10	252	145046	8.166	ng	# 46
89) Benzo(a)pyrene	15.48	252	75312	4.501	ng	# 41
91) Benzo(g,h,i)perylene	17.49	276	50593	3.806	ng	# 93

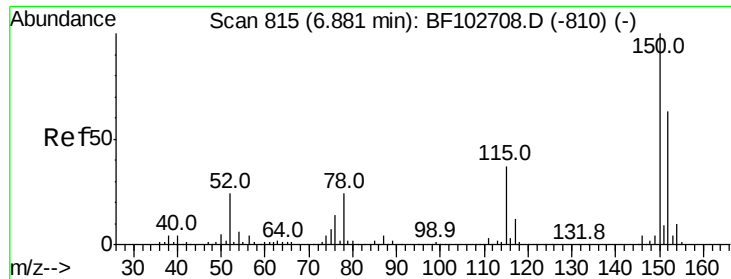
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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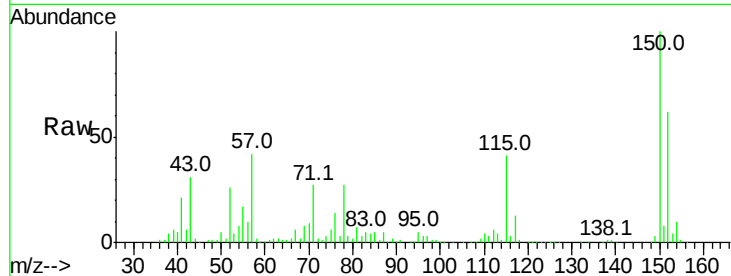


#1

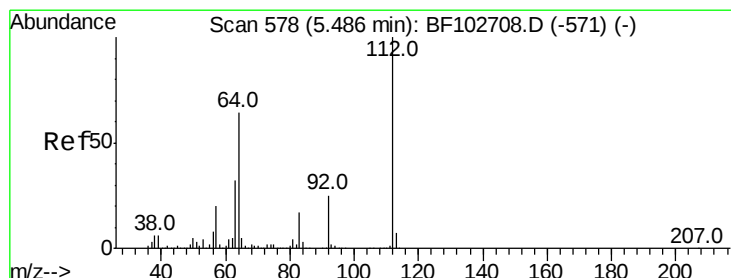
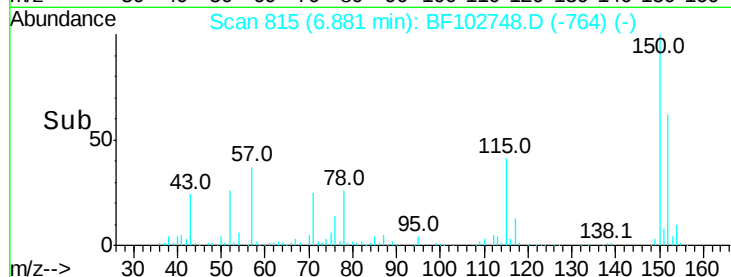
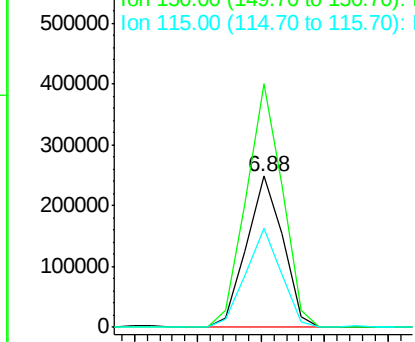
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199213
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 65.2 50.1 75.1



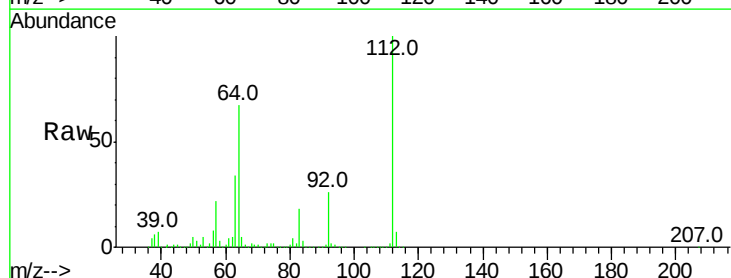
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



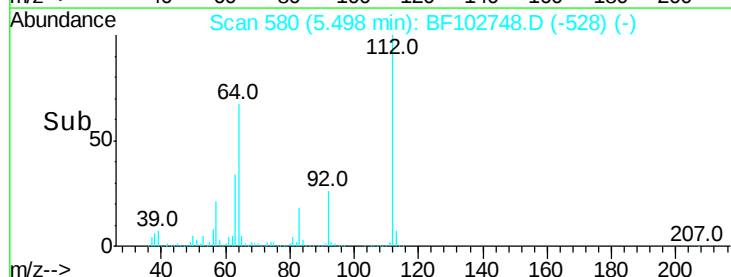
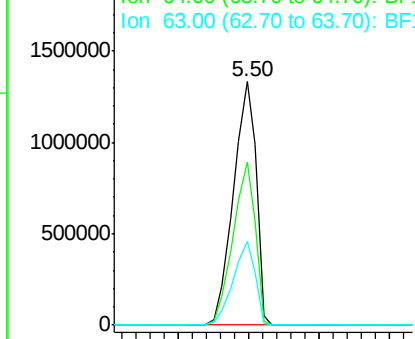
#5

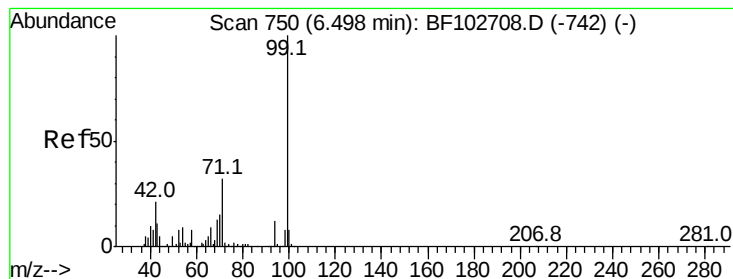
2-Fluorophenol
Concen: 113.597 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion:112 Resp: 1490129
Ion Ratio Lower Upper
112 100
64 66.9 47.9 71.9
63 34.1 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: 111.203 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

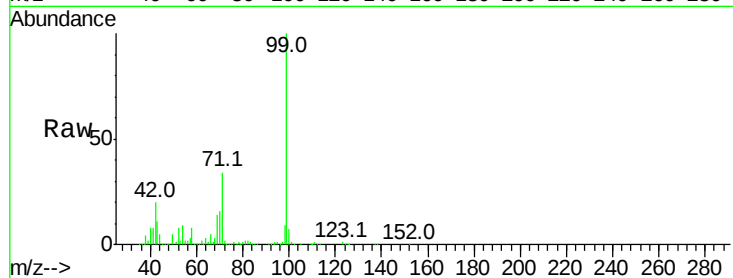
Tot Ion: 99 Resp: 1756392

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

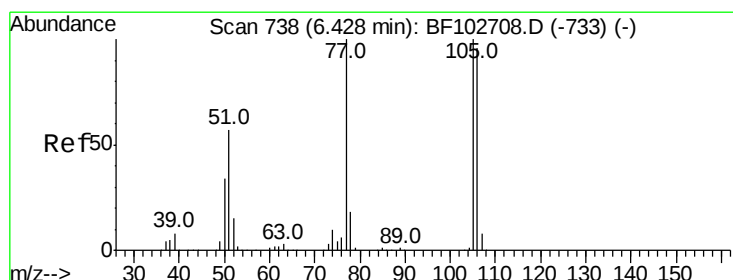
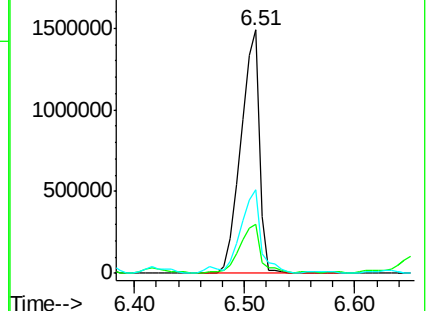
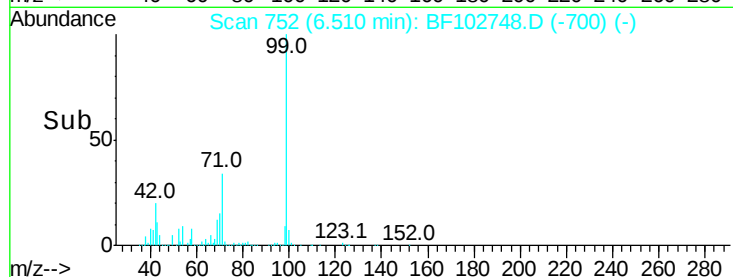
71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.133 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

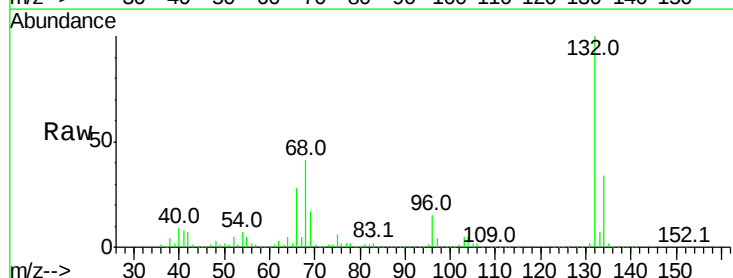
Tgt Ion: 77 Resp: 36750

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

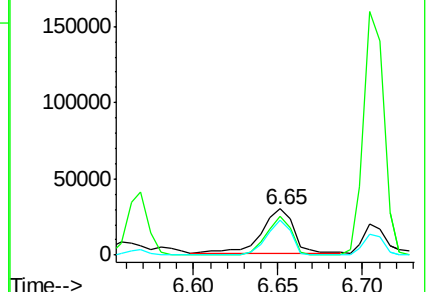
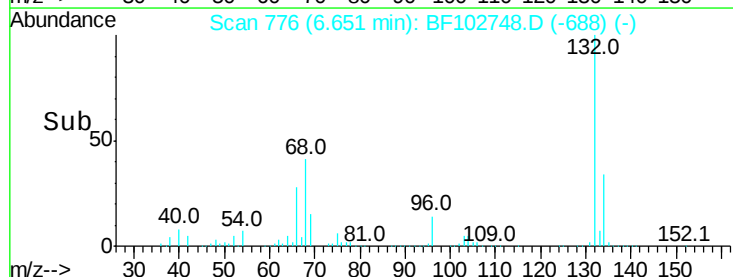
106 76.3 74.5 114.5

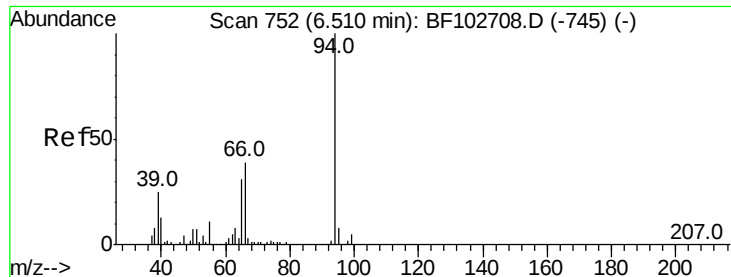


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

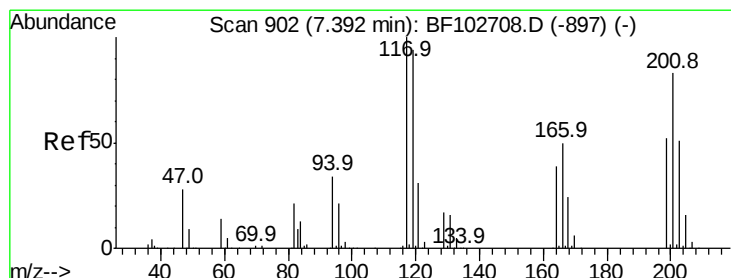
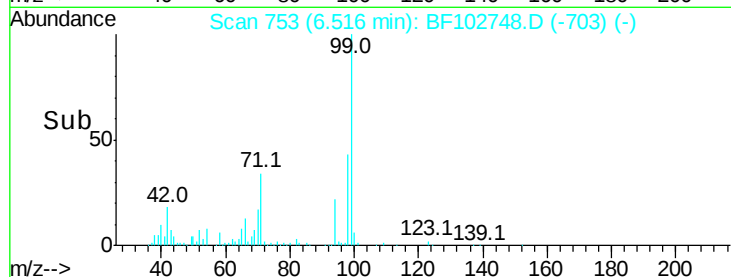
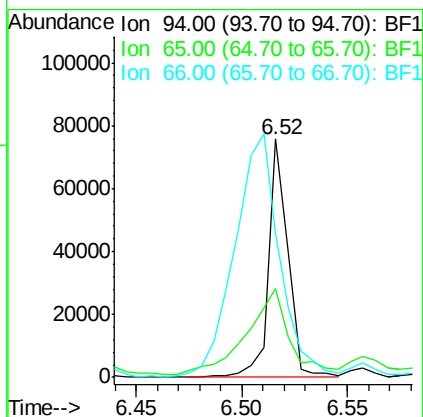
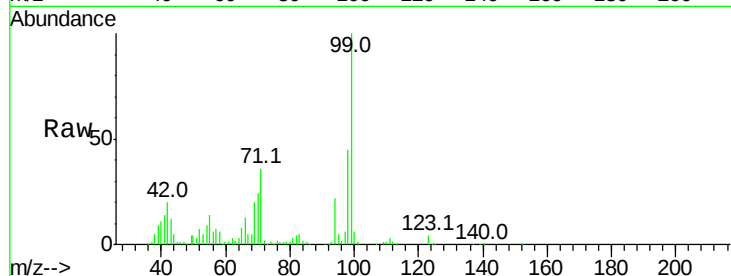




#10
Phenol
Concen: 2.848 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

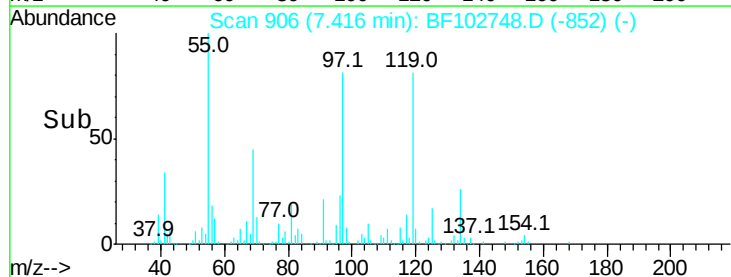
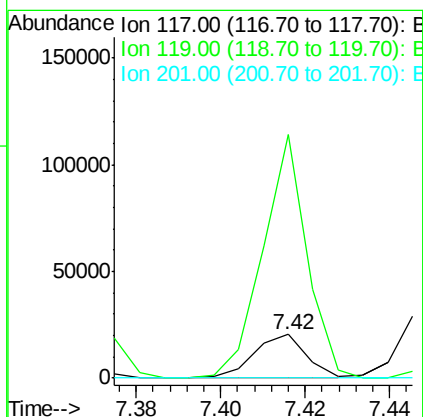
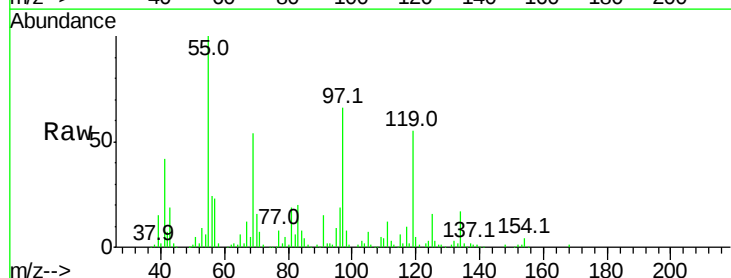
Instrument :
BNA_F
ClientSampleId :

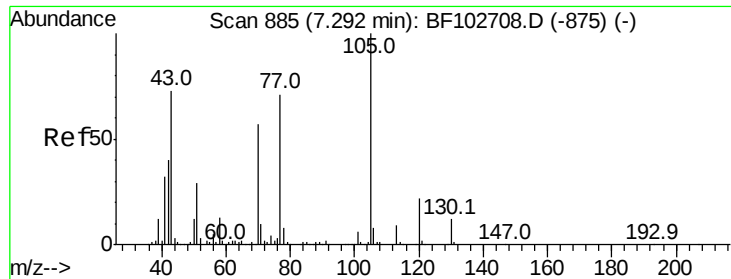
Tot Ion: 94 Resp: 48213
Ion Ratio Lower Upper
94 100
65 37.5 7.9 47.9
66 60.5 16.2 56.2#



#18
Hexachloroethane
Concen: 3.317 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.02 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion: 117 Resp: 17721
Ion Ratio Lower Upper
117 100
119 560.3 75.8 113.8#
201 0.0 75.7 113.5#

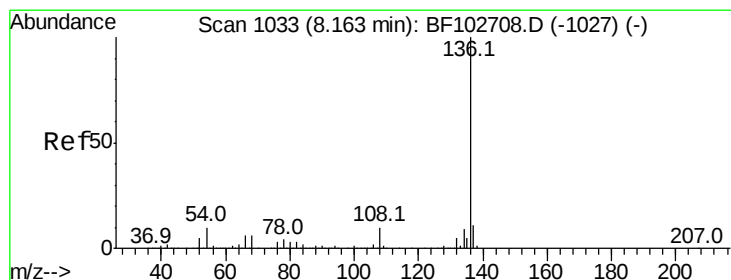
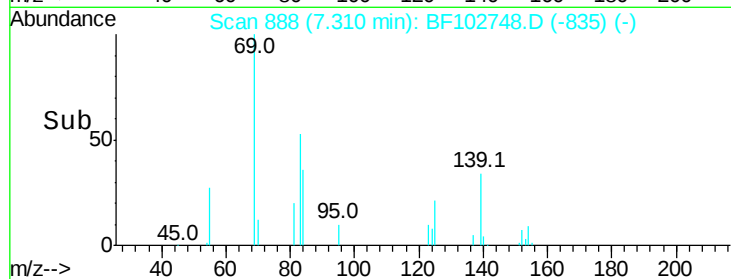
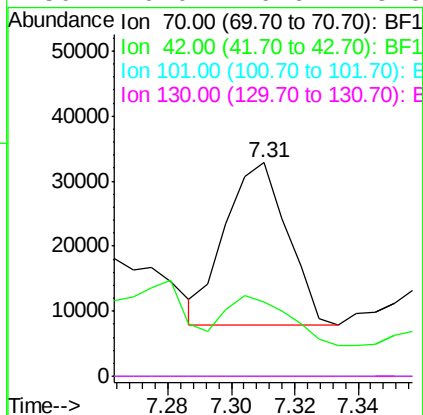
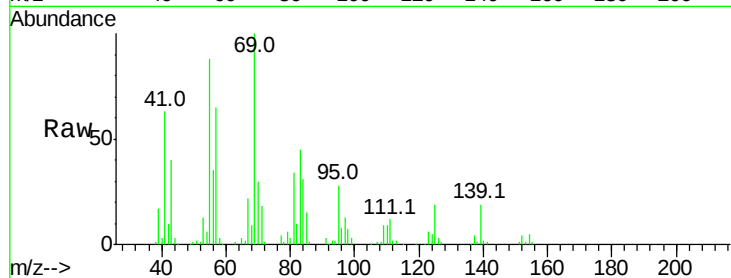




#19
n-Nitroso-di-n-propylamine
Concen: 3.244 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

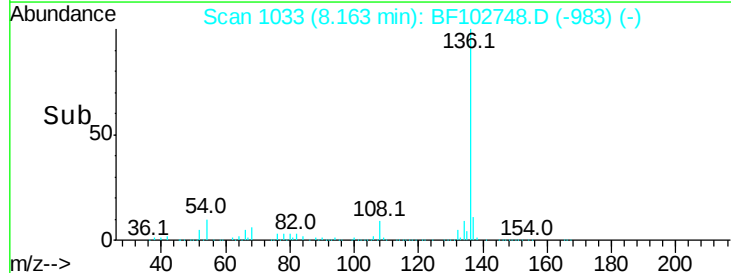
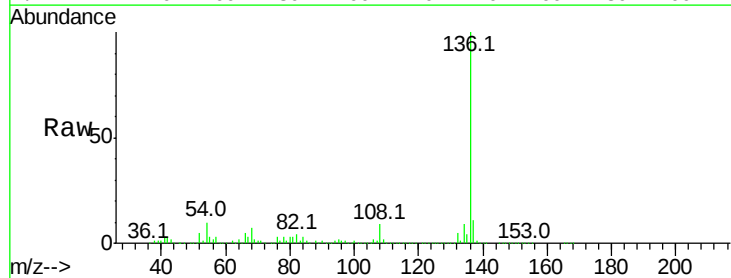
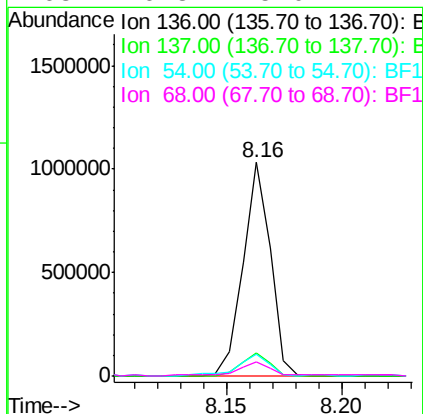
Instrument :
BNA_F
ClientSampled :

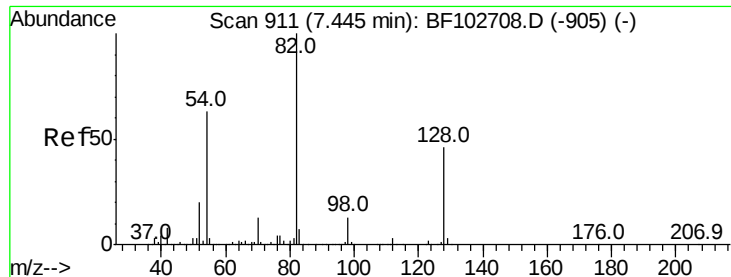
Tot Ion: 70 Resp: 33779
Ion Ratio Lower Upper
70 100
42 34.7 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion:136 Resp: 848324
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.2 6.6 9.8#
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 74.311 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampled :

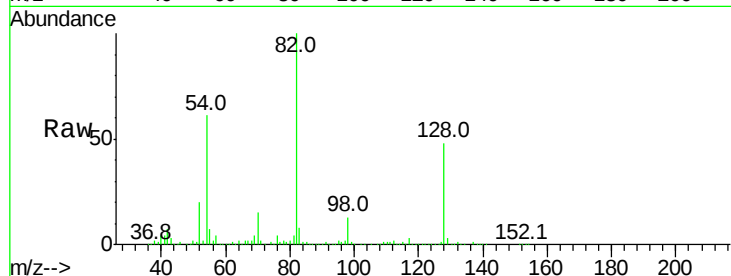
Tot Ion: 82 Resp: 908745

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

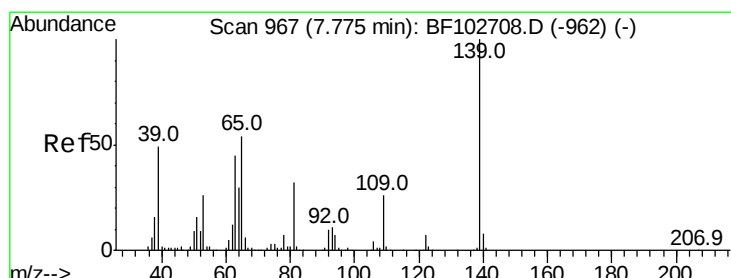
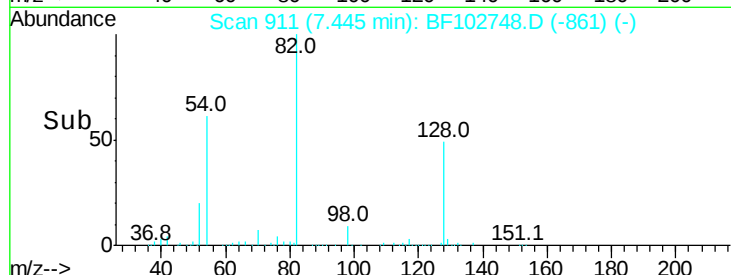
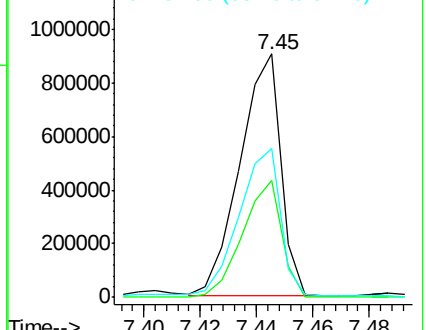
54 61.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#26

2-Nitrophenol

Concen: 9.137 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

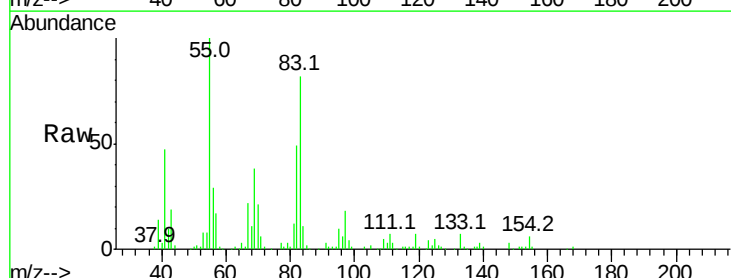
Tgt Ion:139 Resp: 3395

Ion Ratio Lower Upper

139 100

109 194.0 22.7 34.1#

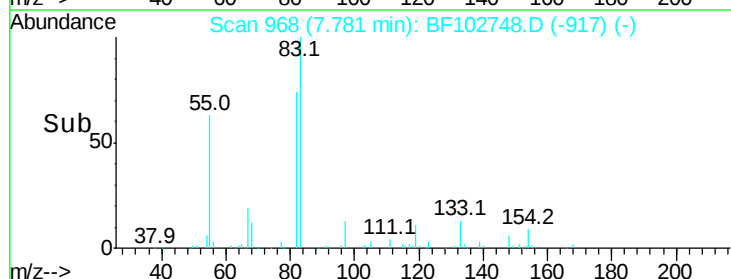
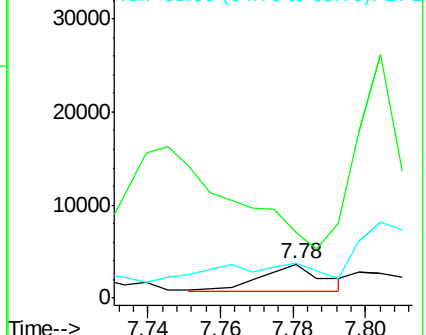
65 105.0 40.5 60.7#

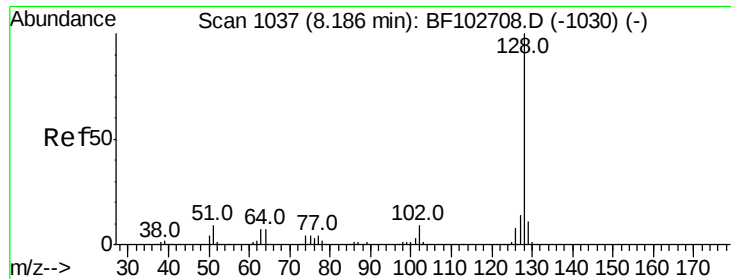


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

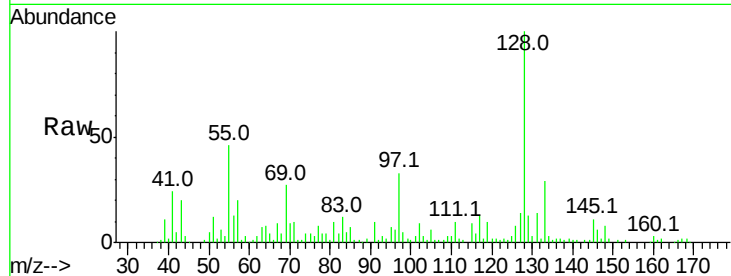




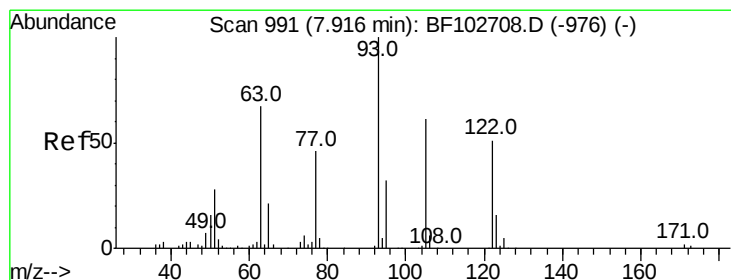
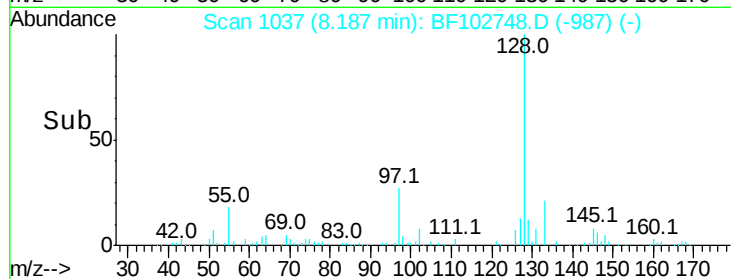
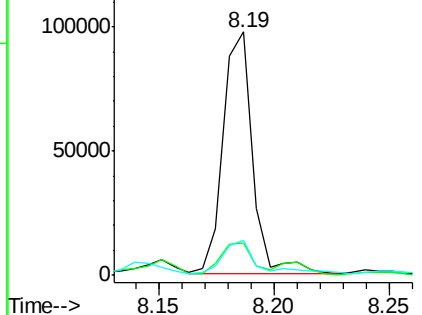
#31
Naphthalene
Concen: 2.097 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 86922
Ion Ratio Lower Upper
128 100
129 13.5 8.8 13.2#
127 14.4 10.9 16.3

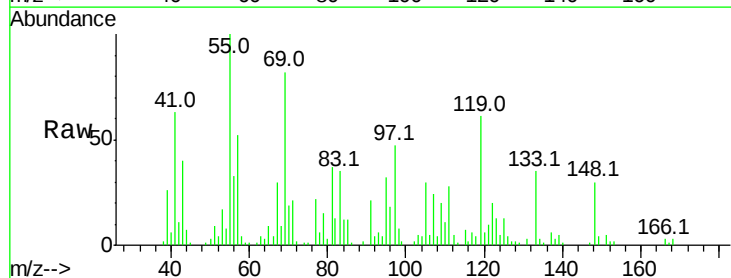


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

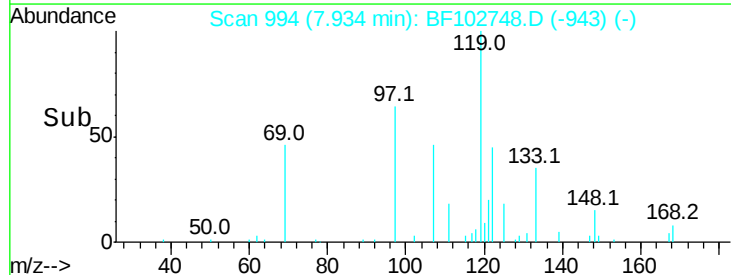
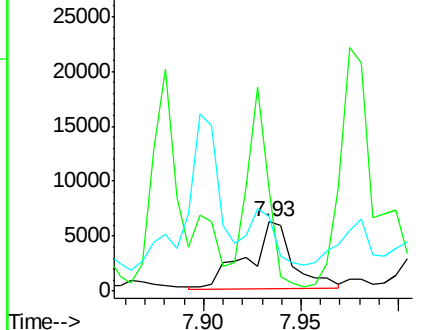


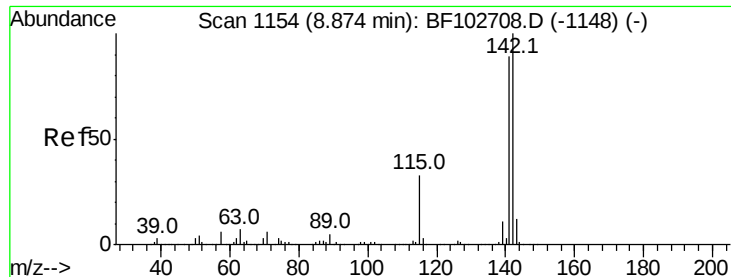
#32
Benzoic acid
Concen: 9.687 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion:122 Resp: 9973
Ion Ratio Lower Upper
122 100
105 147.9 101.1 141.1#
77 108.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

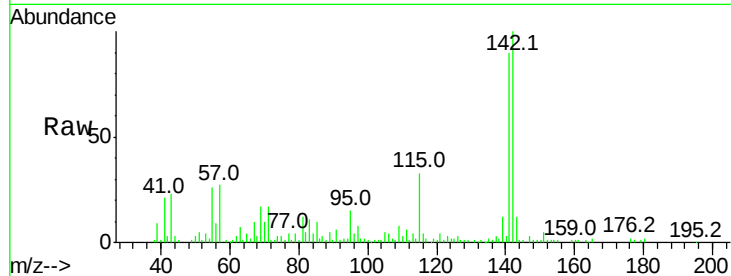




#37
 2-Methylnaphthalene
 Concen: 2.537 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.2	26.1	39.1

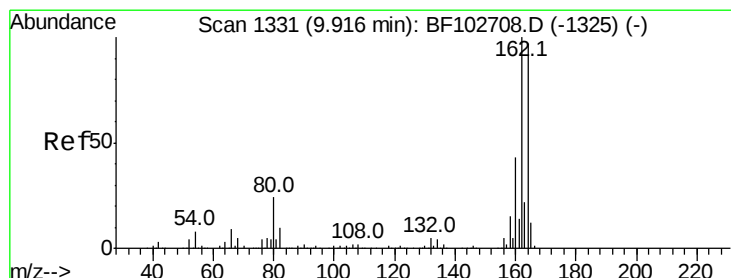
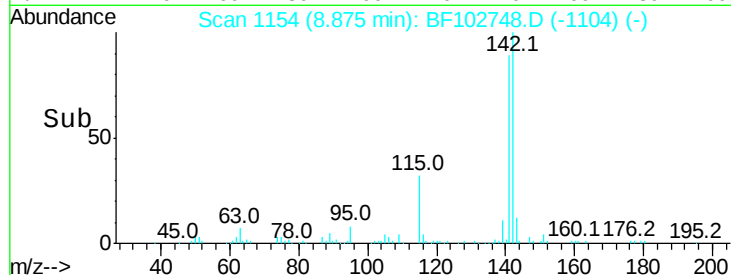
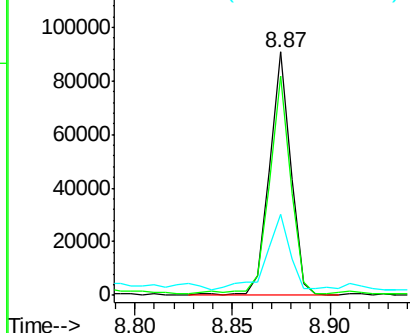


Abundance

Ion 142.00 (141.70 to 142.70): E

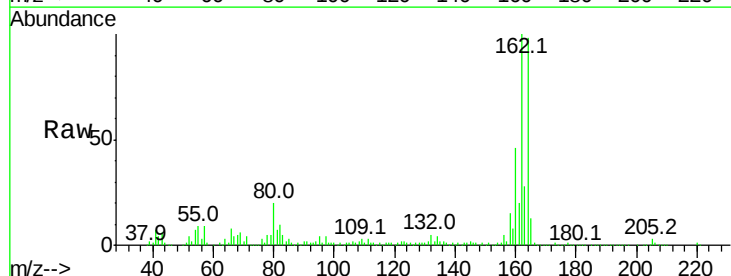
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.5	38.3	57.5

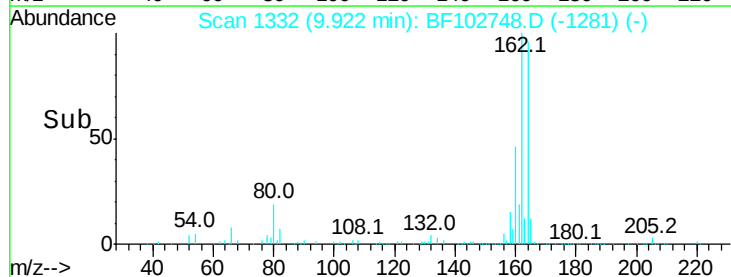
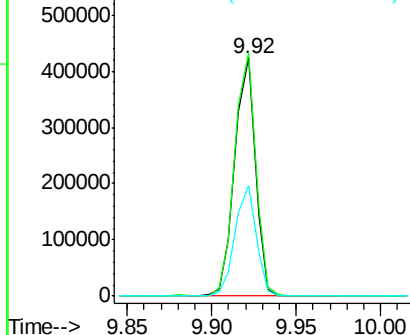


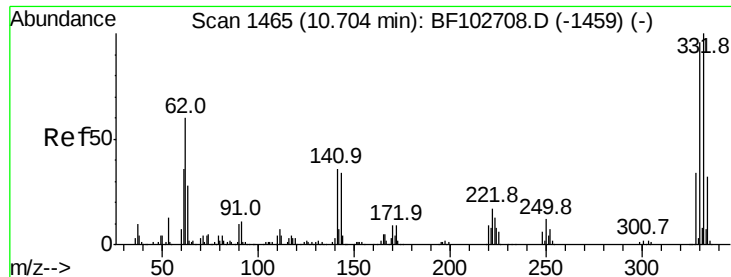
Abundance

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

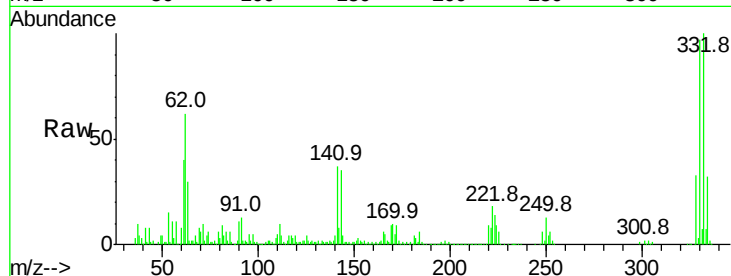




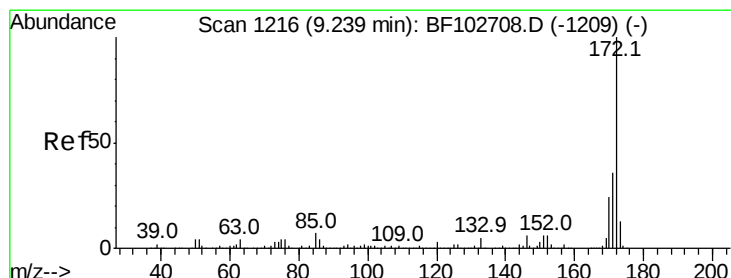
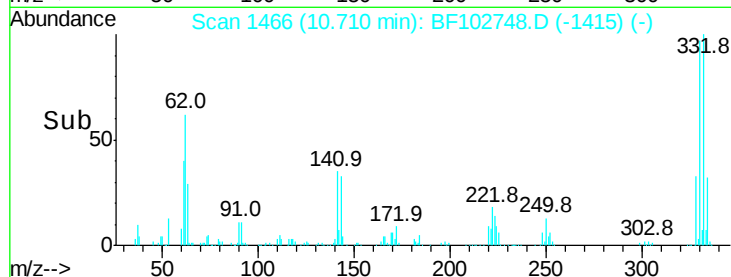
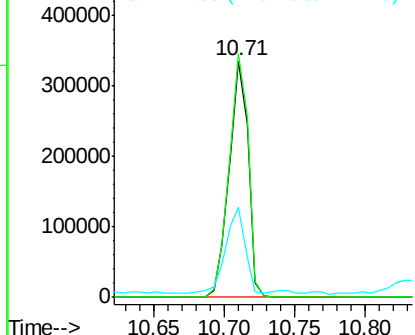
#41
 2,4,6-Tribromophenol
 Concen: 109.266 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 316521
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 36.8 29.9 44.9

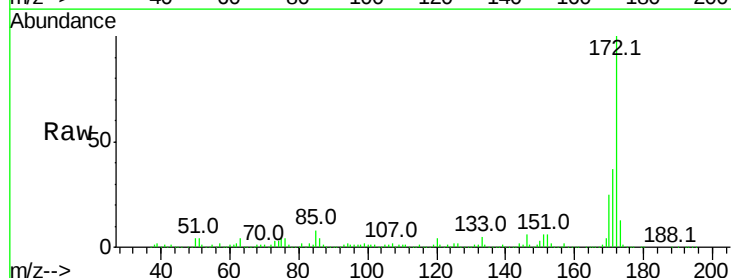


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

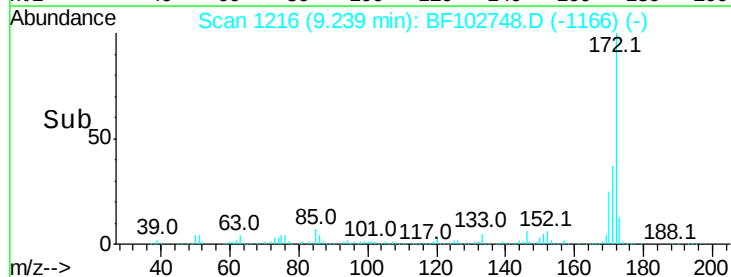
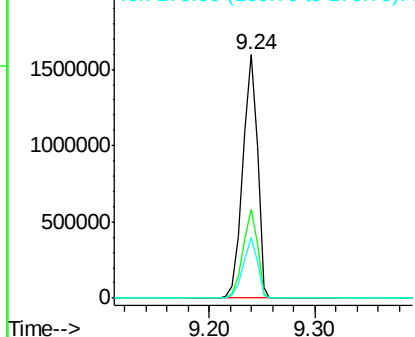


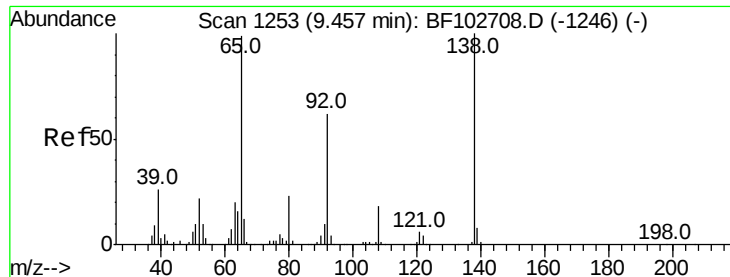
#44
 2-Fluorobiphenyl
 Concen: 69.242 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Tgt Ion:172 Resp: 1501811
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 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: 3.546 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampled :

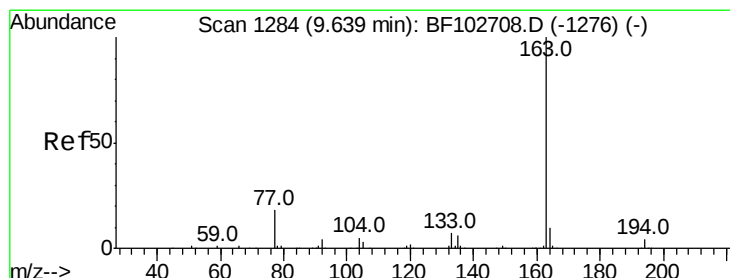
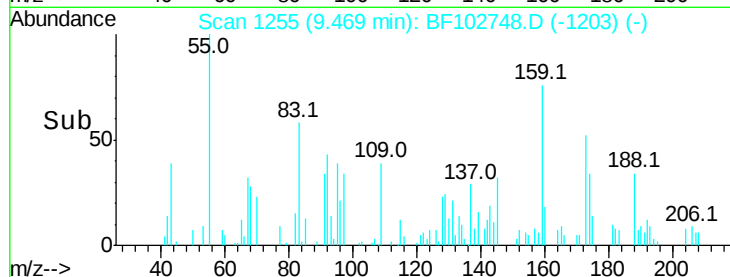
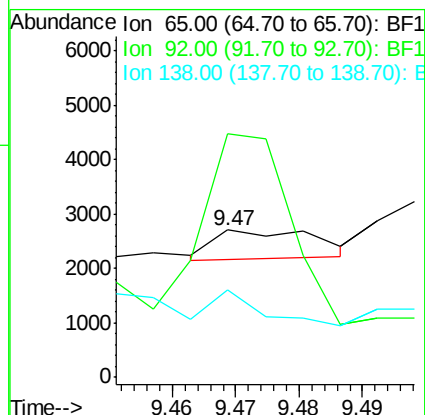
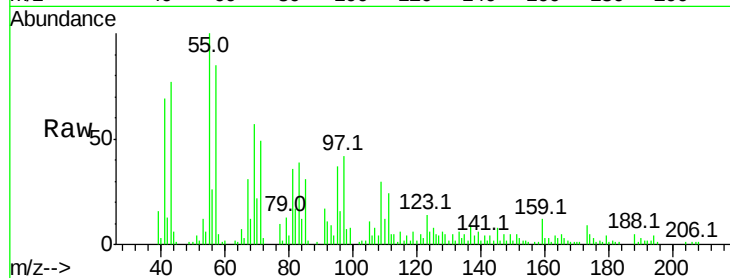
Tot Ion: 65 Resp: 582

Ion Ratio Lower Upper

65 100

92 165.1 55.8 83.6#

138 59.0 91.2 136.8#



#49

Dimethylphthalate

Concen: 5.056 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

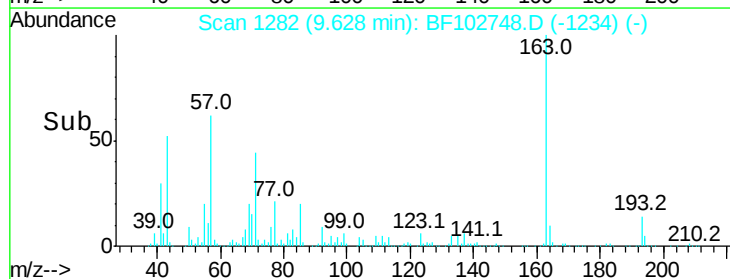
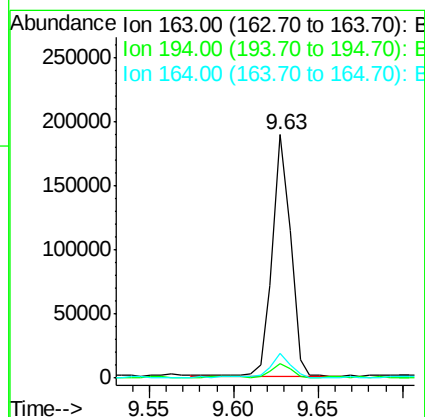
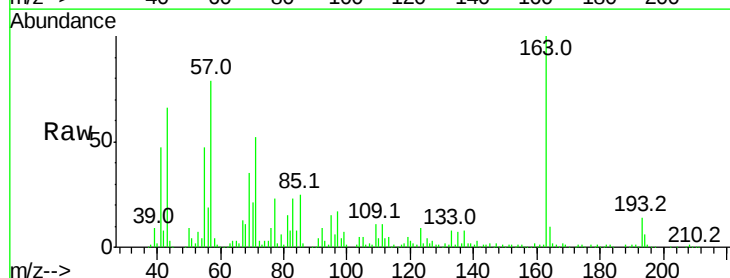
Tgt Ion: 163 Resp: 141895

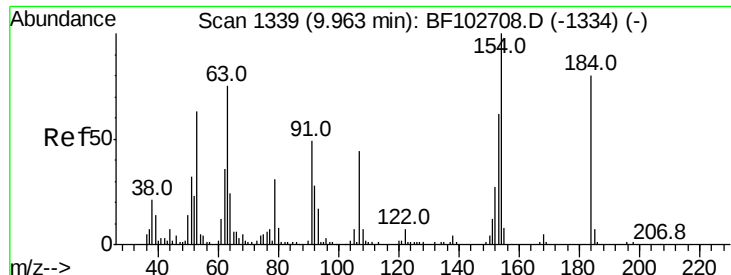
Ion Ratio Lower Upper

163 100

194 5.8 2.7 4.1#

164 10.0 8.2 12.2

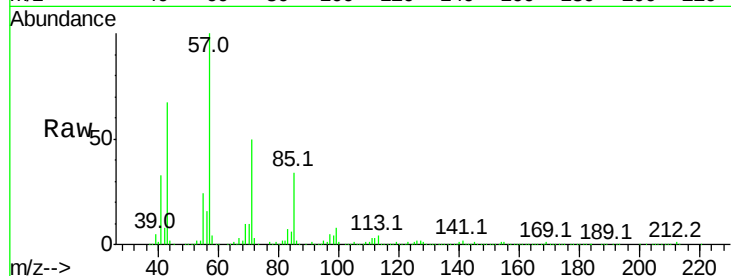




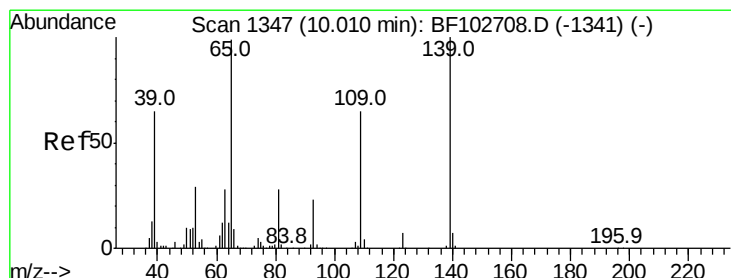
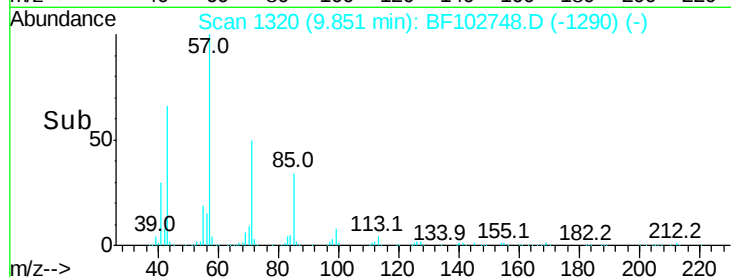
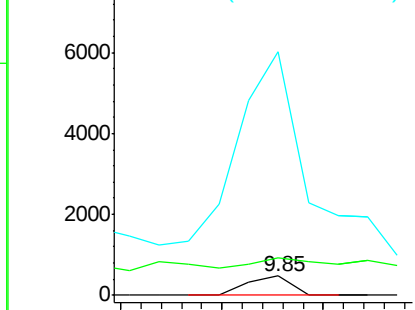
#53
 2,4-Dinitrophenol
 Concen: 8.228 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.12 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 288
 Ion Ratio Lower Upper
 184 100
 63 191.2 54.2 81.2#
 154 1259.2 184.0 276.0#

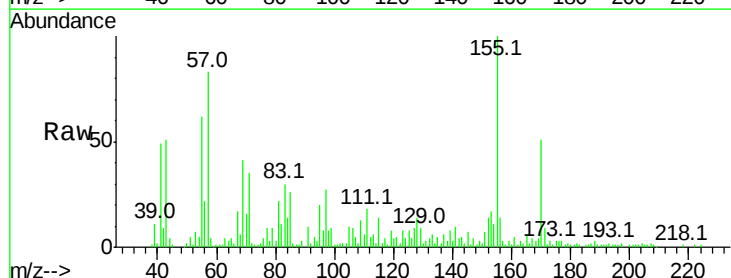


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

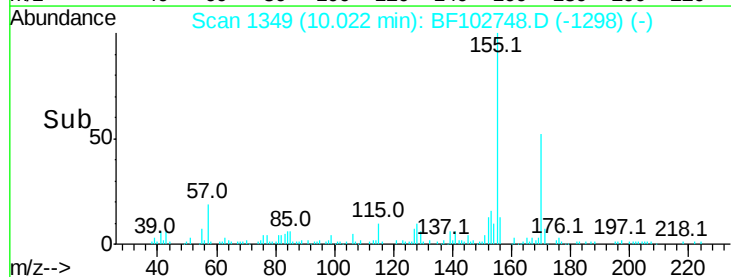
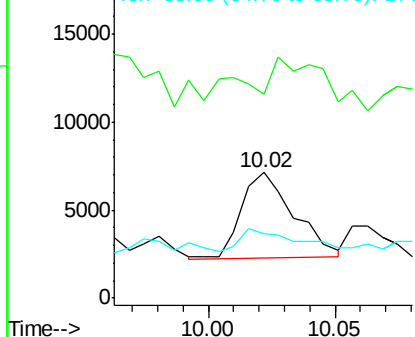


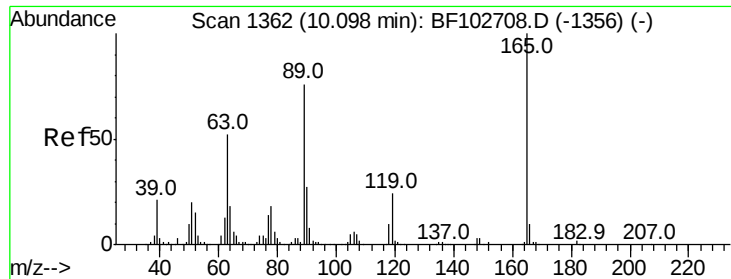
#55
 4-Nitrophenol
 Concen: 5.265 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Tgt Ion:139 Resp: 7055
 Ion Ratio Lower Upper
 139 100
 109 162.4 48.4 88.4#
 65 50.9 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

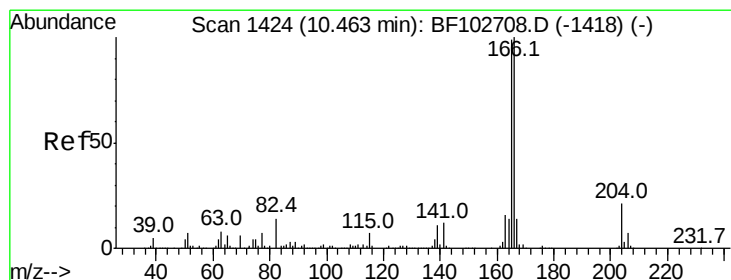
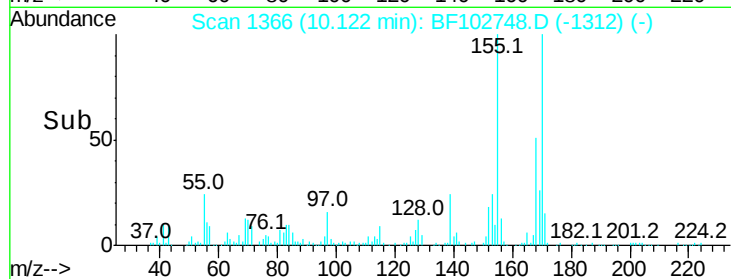
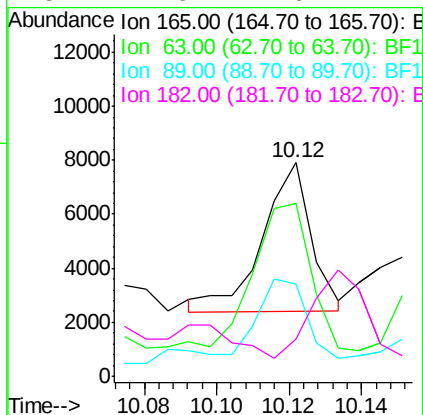
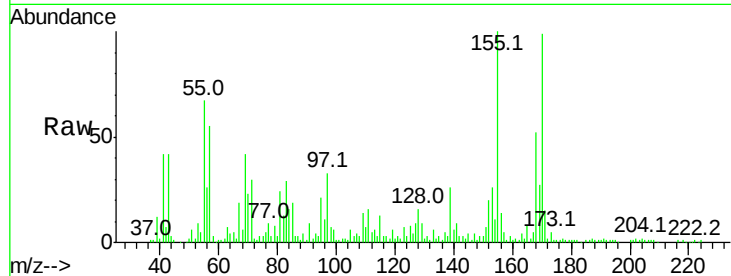




#56
 2,4-Dinitrotoluene
 Concen: 3.750 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

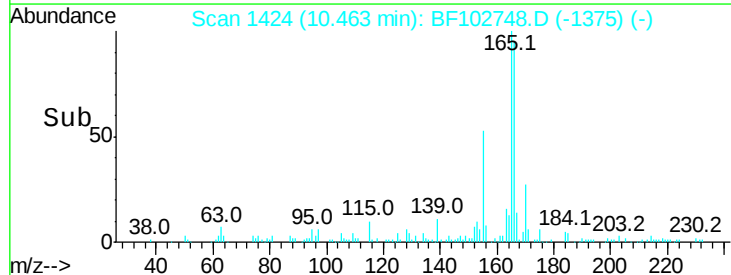
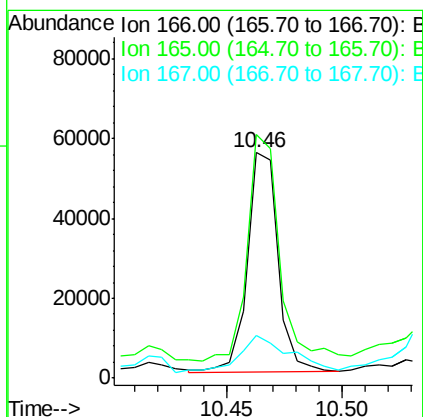
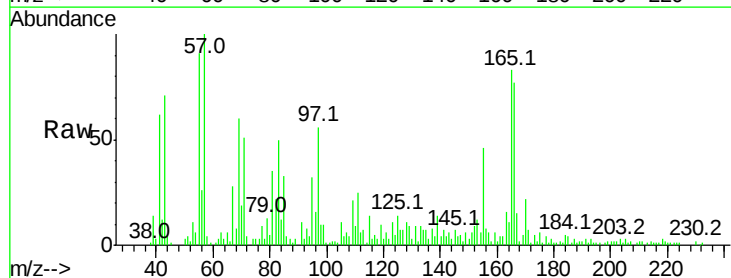
Instrument :
 BNA_F
 ClientSampleId :

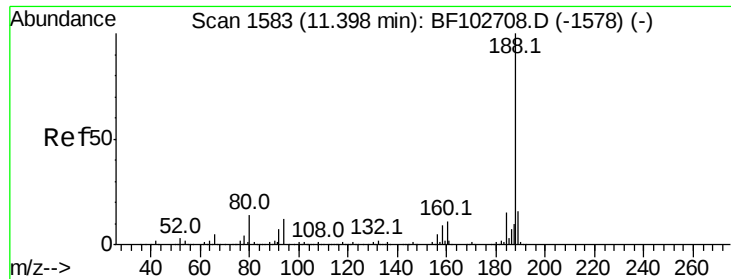
Tot Ion:165 Resp: 5161
 Ion Ratio Lower Upper
 165 100
 63 80.8 36.4 54.6#
 89 42.9 57.8 86.6#
 182 17.6 1.6 2.4#



#57
 Fluorene
 Concen: 2.260 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF102748.D
 Acq: 5 Feb 2018 19:54

Tgt Ion:166 Resp: 51361
 Ion Ratio Lower Upper
 166 100
 165 108.0 79.8 119.8
 167 18.9 10.6 16.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

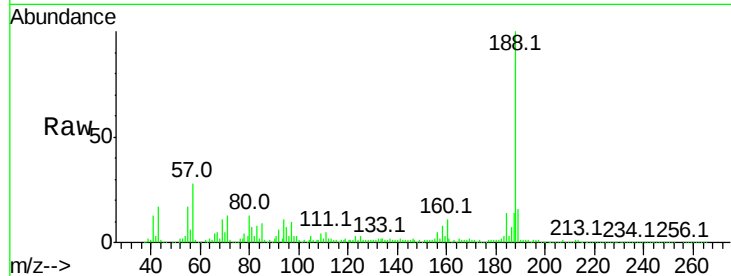
Tot Ion:188 Resp: 498085

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

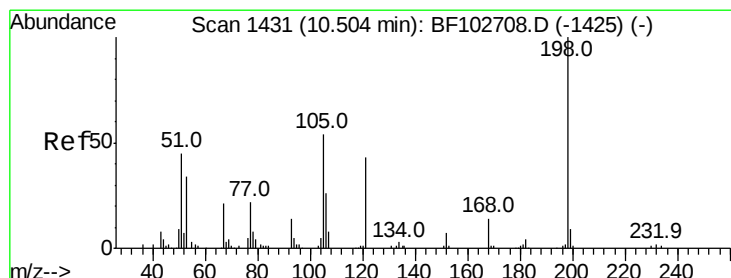
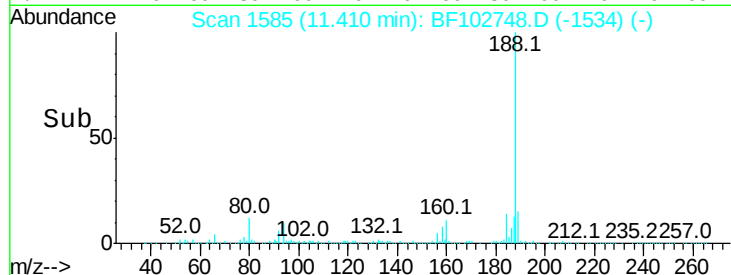
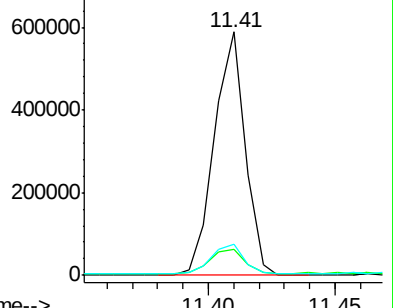
80 12.6 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.992 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

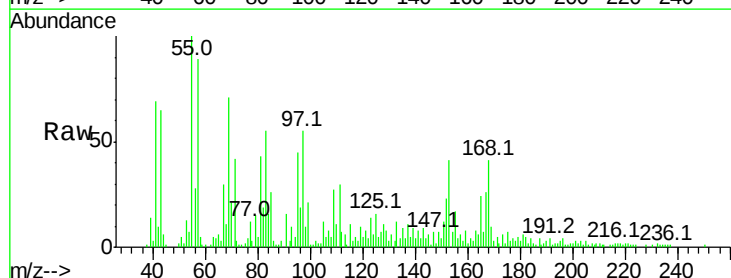
Tgt Ion:198 Resp: 448

Ion Ratio Lower Upper

198 100

51 547.9 37.7 77.7#

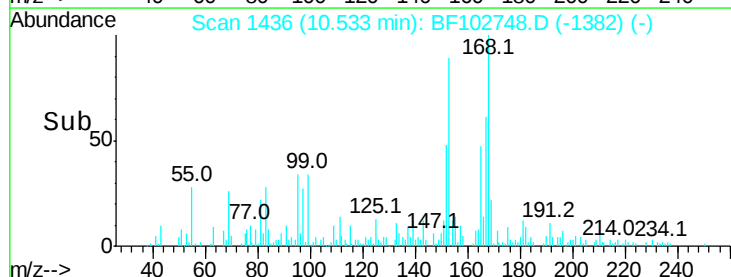
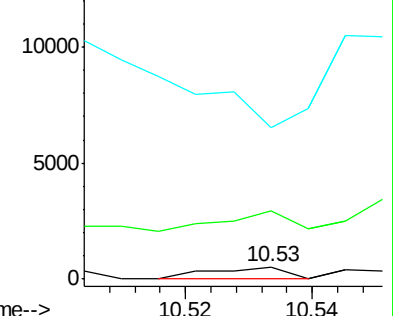
105 1211.7 36.3 76.3#

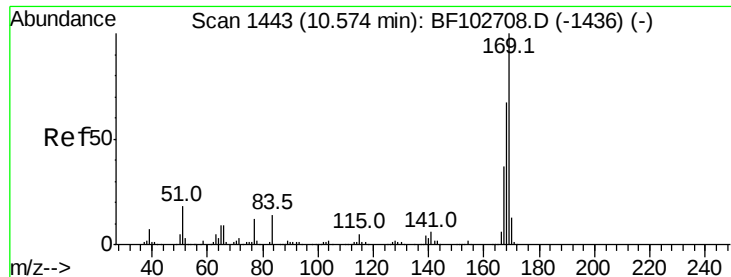


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.216 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

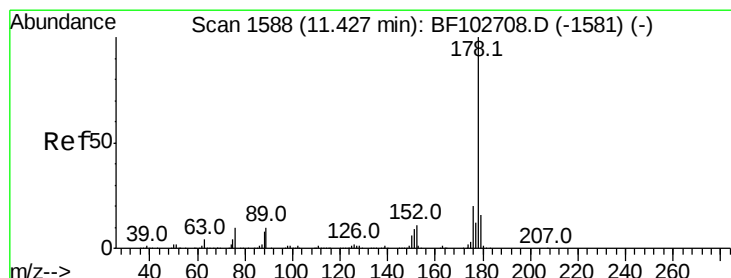
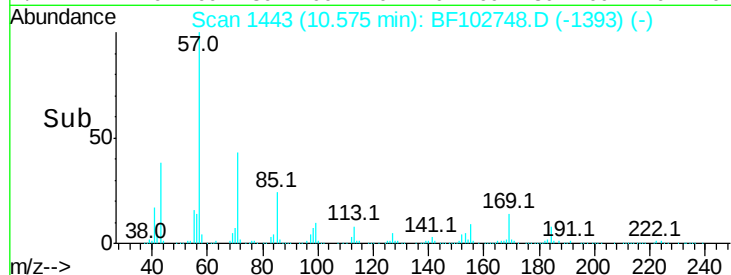
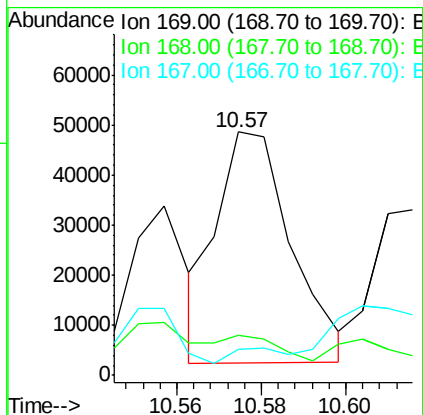
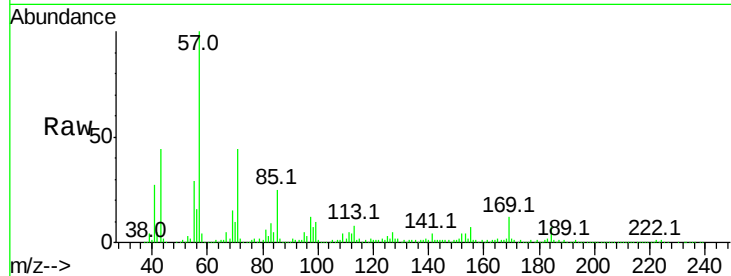
Tot Ion:169 Resp: 56501

Ion Ratio Lower Upper

169 100

168 16.6 54.4 81.6#

167 10.9 29.8 44.6#



#70

Phenanthrene

Concen: 11.301 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

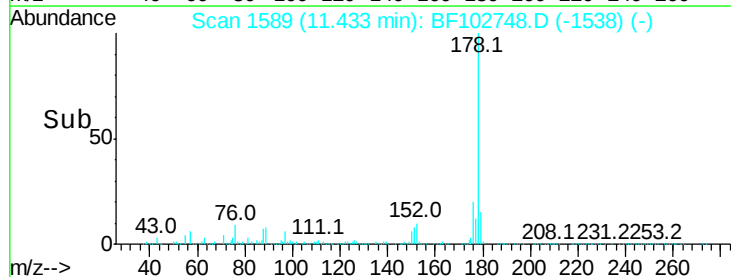
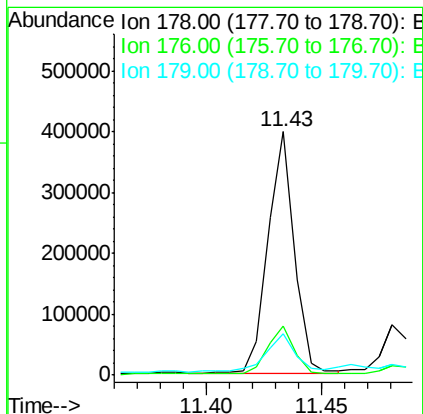
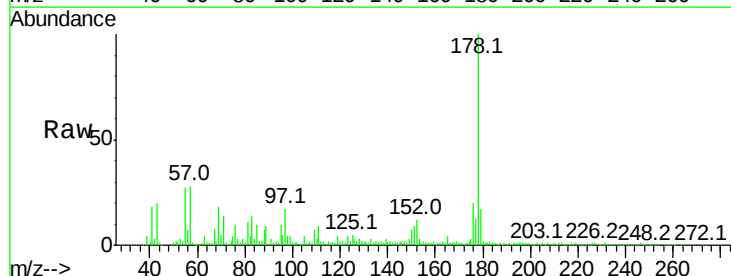
Tgt Ion:178 Resp: 313504

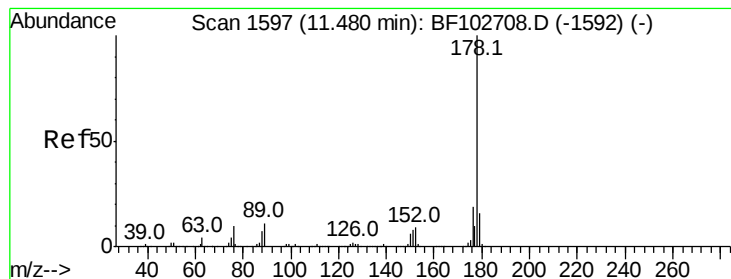
Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 17.0 13.0 19.6





#71

Anthracene

Concen: 11.112 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.05 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampled :

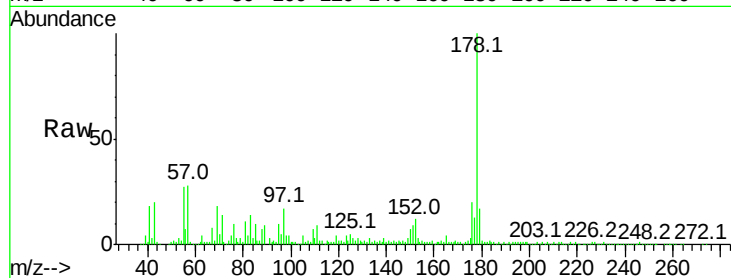
Tot Ion:178 Resp: 313504

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

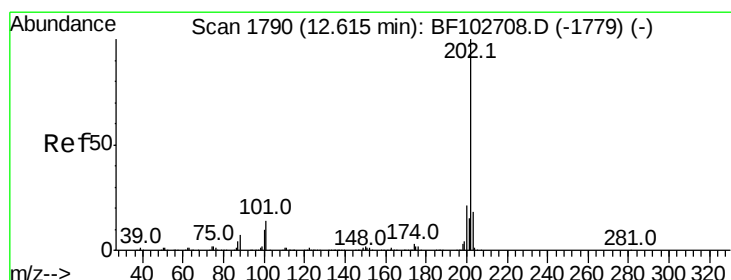
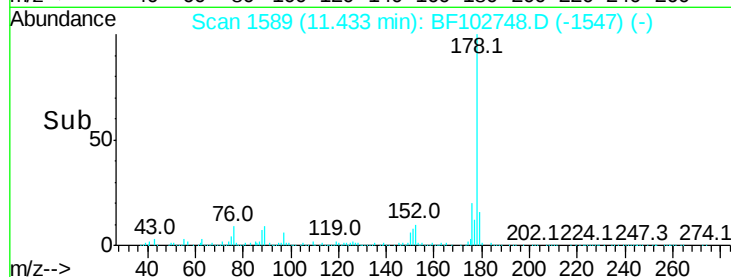
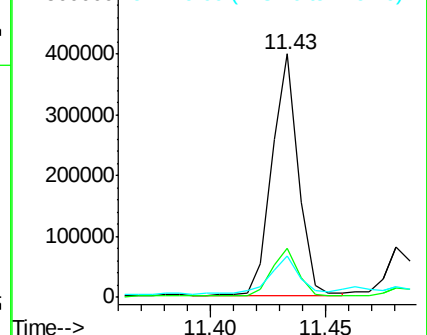
179 17.0 12.6 19.0



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



#74

Fluoranthene

Concen: 9.352 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

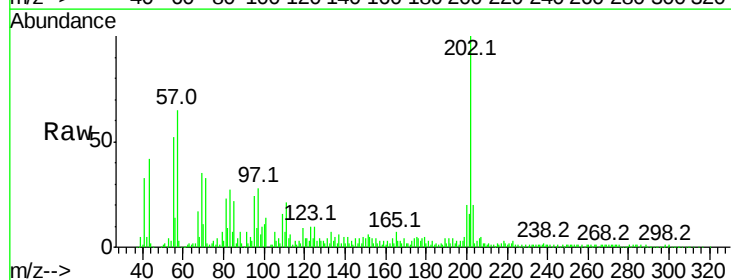
Tgt Ion:202 Resp: 261015

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

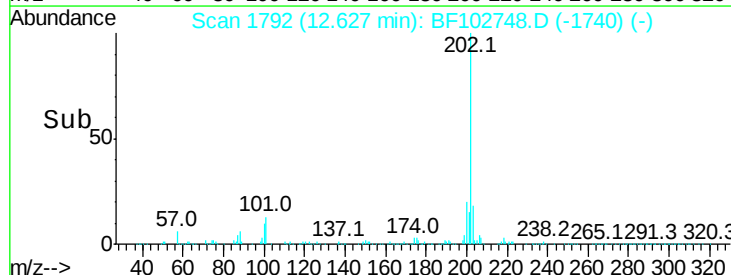
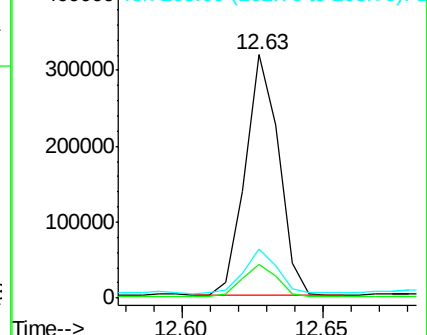
203 19.9 0.0 38.1

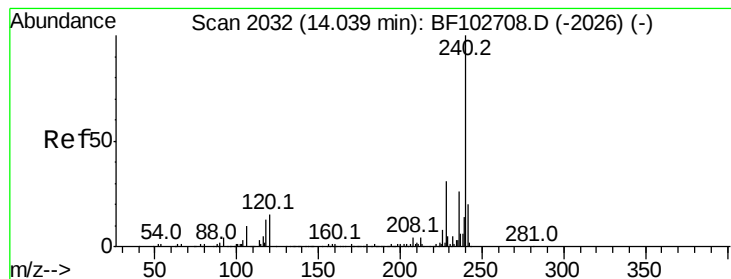


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

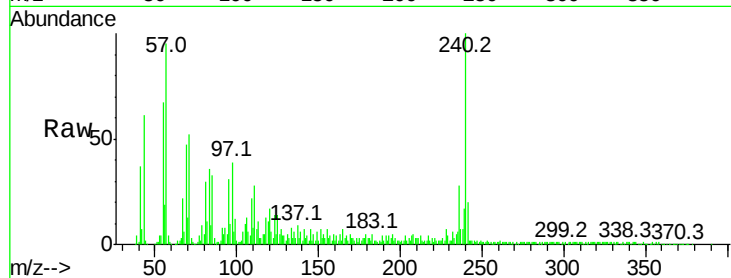
Tot Ion:240 Resp: 265455

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

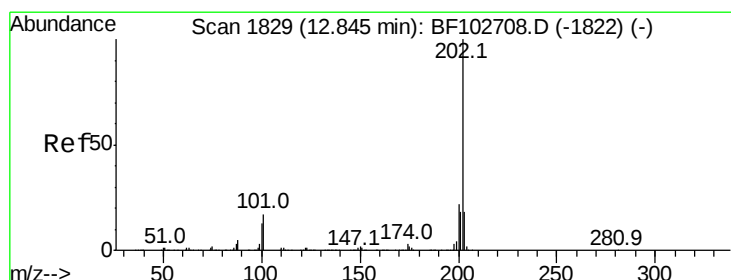
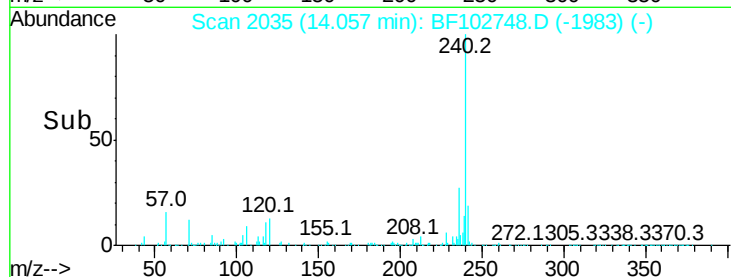
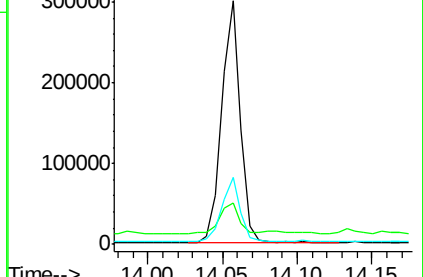
236 27.6 20.7 31.1



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

Pyrene

Concen: 11.922 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

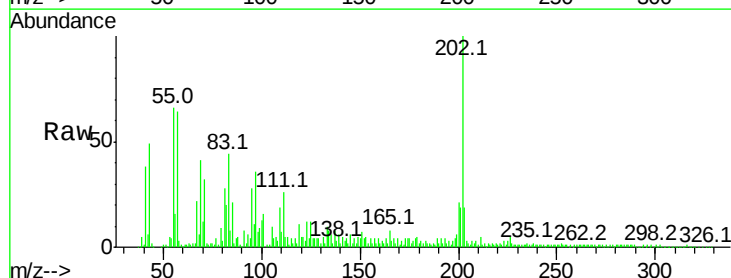
Tgt Ion:202 Resp: 248160

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

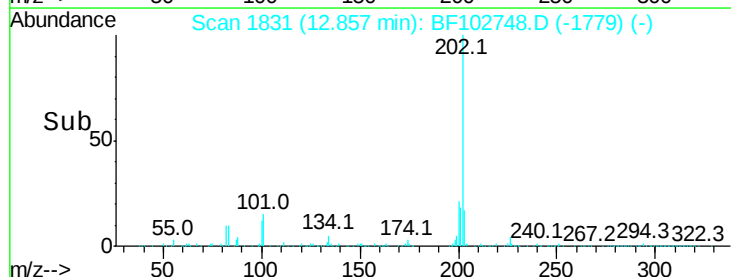
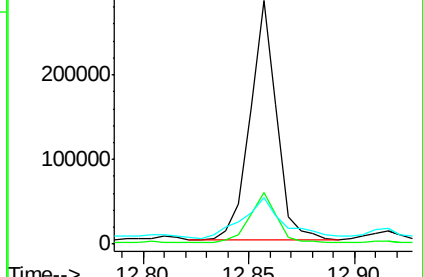
203 19.3 14.3 21.5

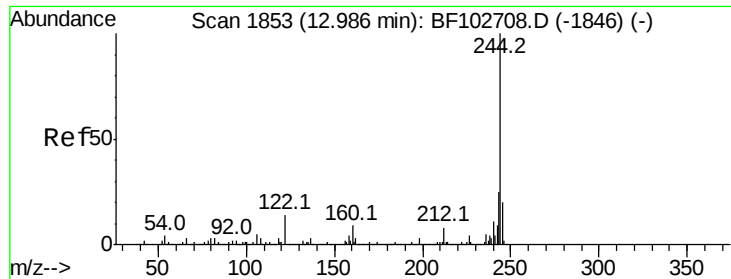


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.628 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

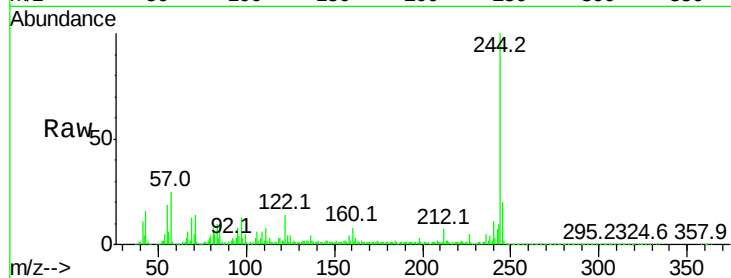
Tot Ion:244 Resp: 847878

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

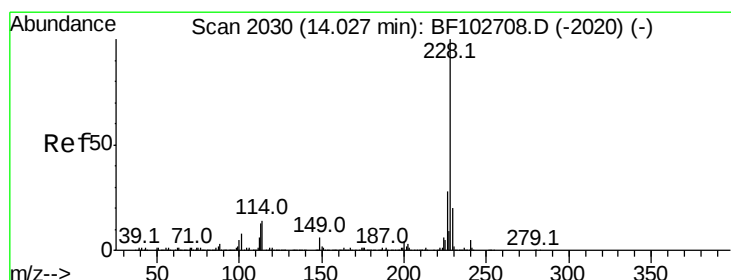
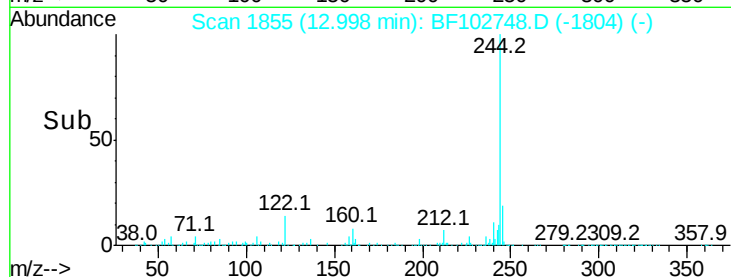
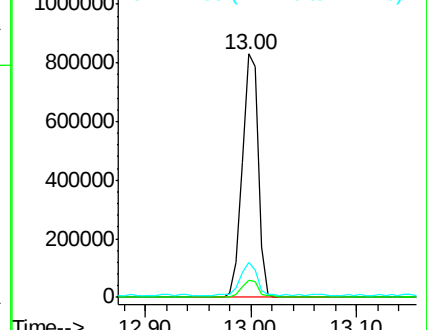
122 14.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 5.585 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

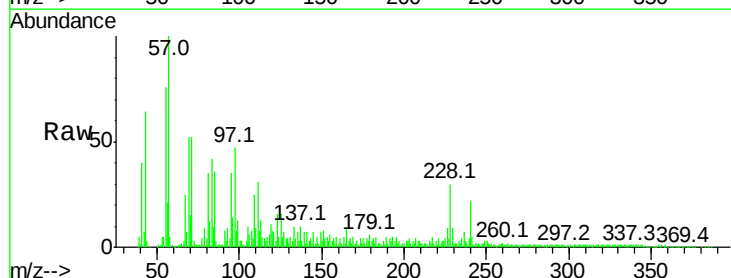
Tgt Ion:228 Resp: 93247

Ion Ratio Lower Upper

228 100

226 30.3 22.6 33.8

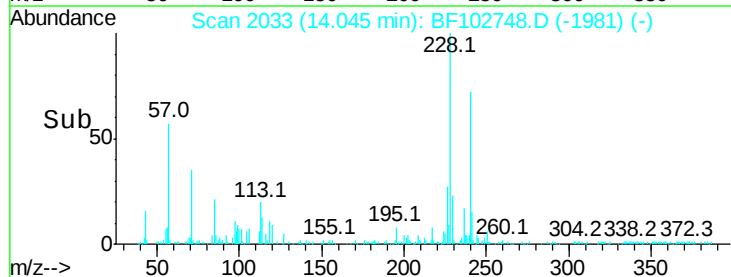
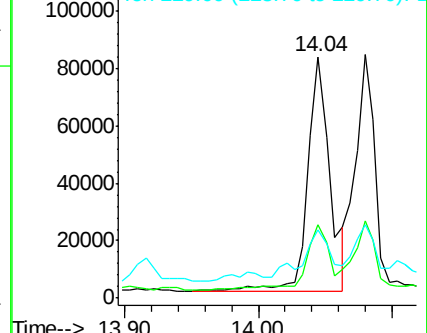
229 28.4 15.8 23.6#

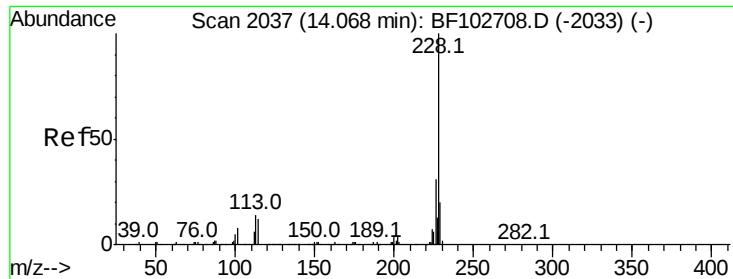


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 5.084 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

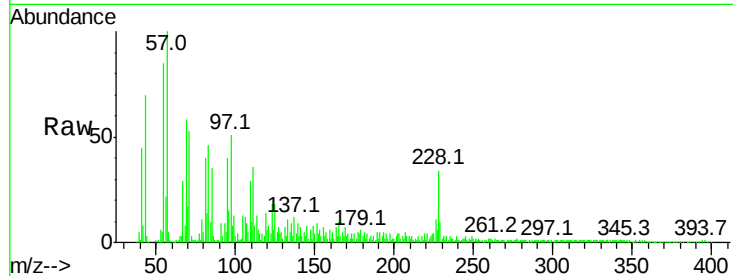
Tot Ion:228 Resp: 85555

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

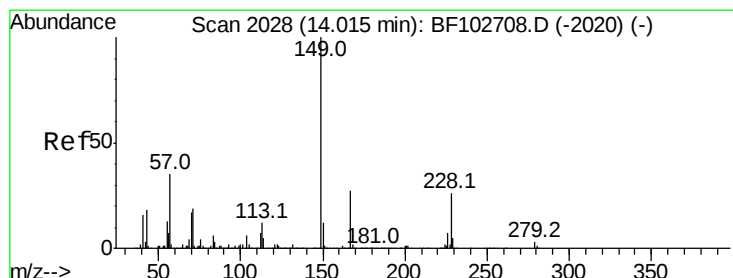
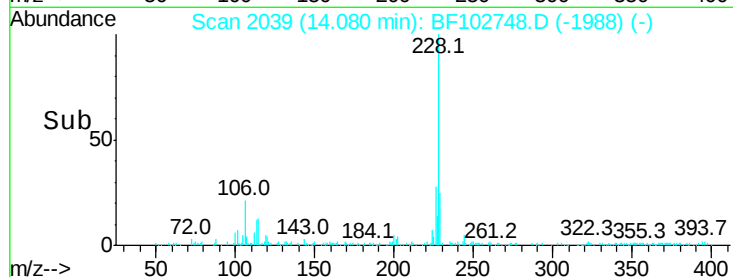
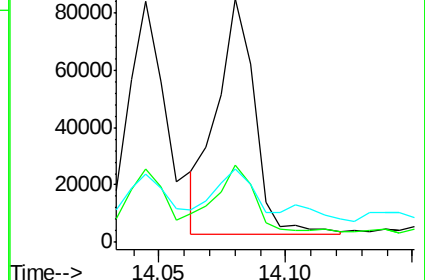
229 29.9 16.2 24.4#



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: 2.821 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

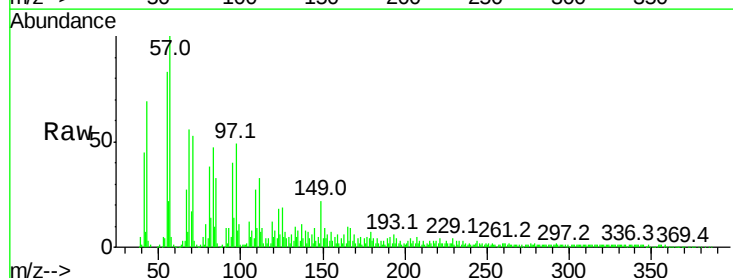
Tgt Ion:149 Resp: 35969

Ion Ratio Lower Upper

149 100

167 40.0 21.3 31.9#

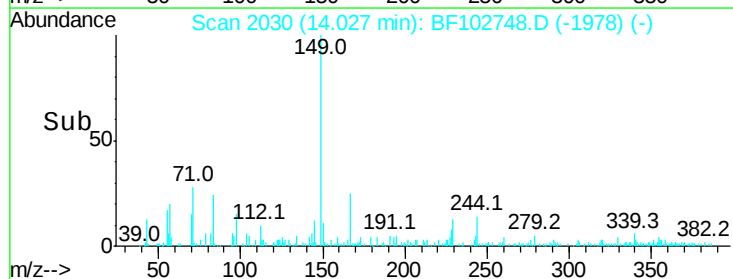
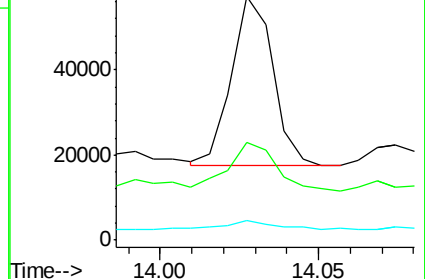
279 8.2 3.0 4.4#

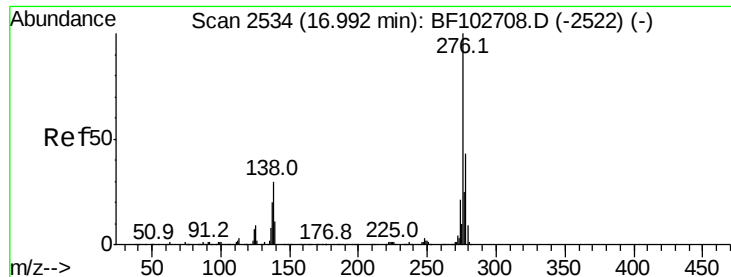


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

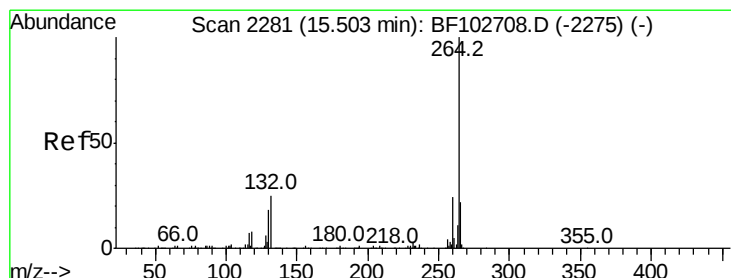
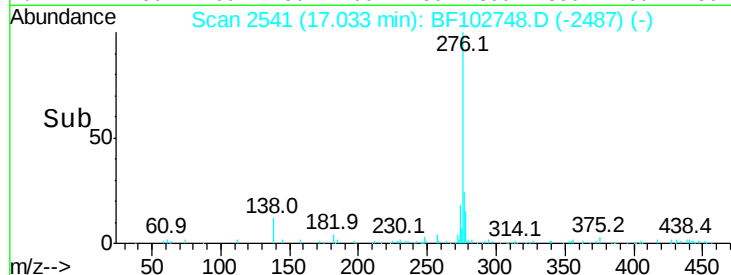
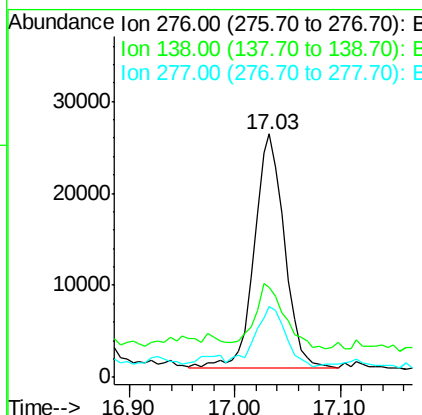
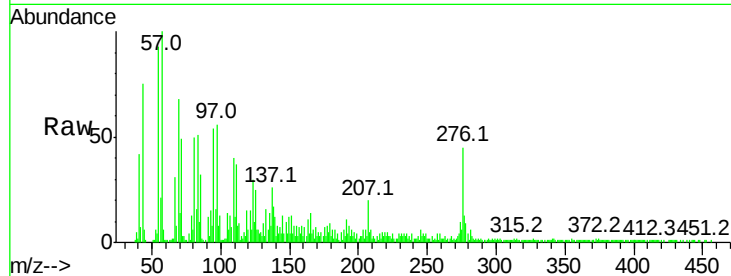




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.615 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

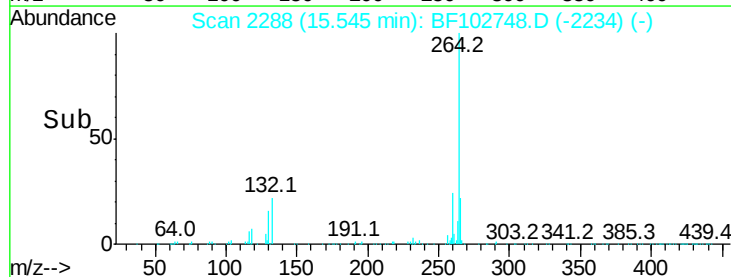
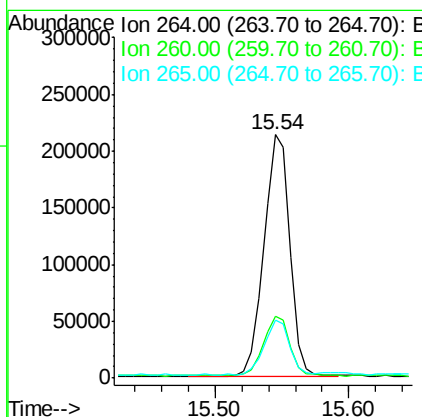
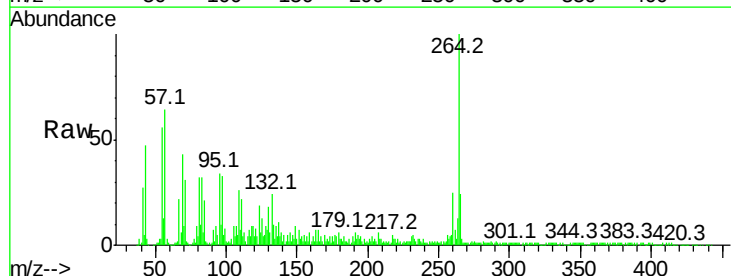
Instrument :
BNA_F
ClientSampleId :

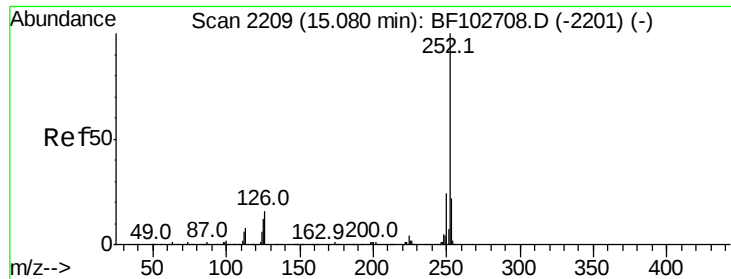
Tot Ion:276 Resp: 50460
Ion Ratio Lower Upper
276 100
138 27.5 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion:264 Resp: 286744
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 23.6 17.5 26.3

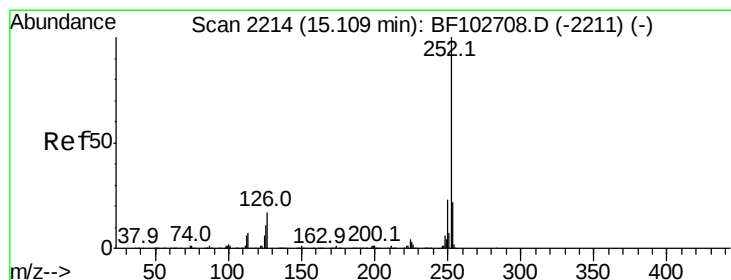
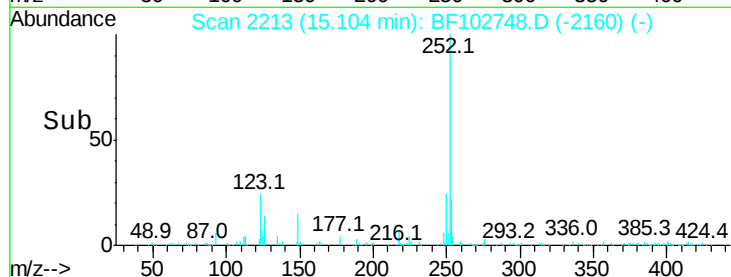
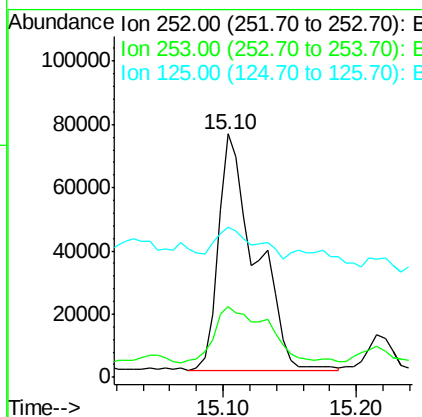
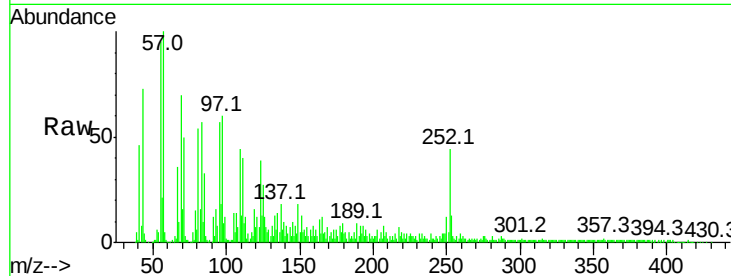




#87
Benzo(b)fluoranthene
Concen: 7.802 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

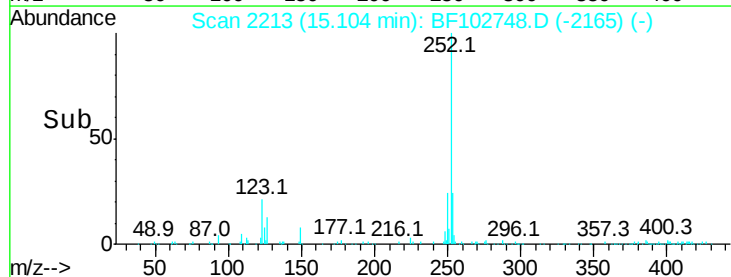
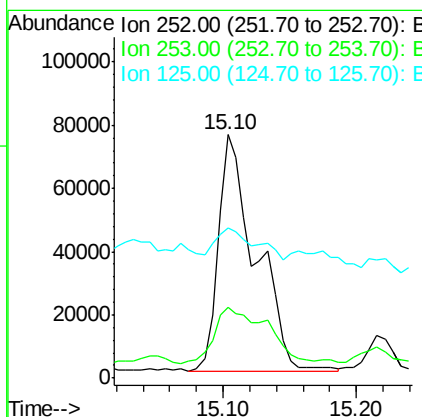
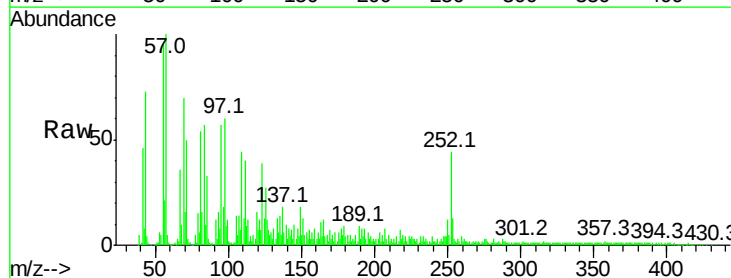
Instrument :
BNA_F
ClientSampleId :

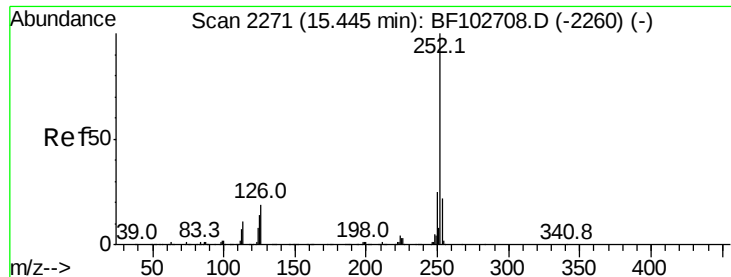
Tot Ion:252 Resp: 145046
Ion Ratio Lower Upper
252 100
253 29.1 17.0 25.6#
125 61.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 8.166 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF102748.D
Acq: 5 Feb 2018 19:54

Tgt Ion:252 Resp: 145046
Ion Ratio Lower Upper
252 100
253 29.1 17.9 26.9#
125 61.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 4.501 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

Instrument :

BNA_F

ClientSampleId :

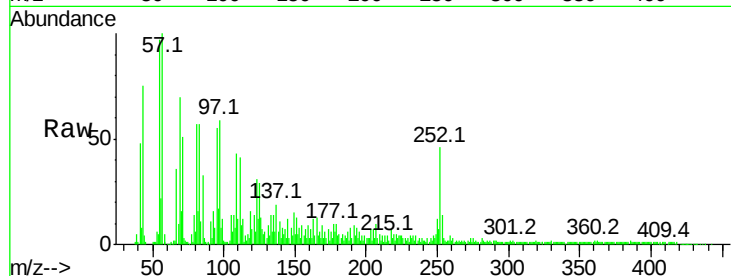
Tot Ion:252 Resp: 75312

Ion Ratio Lower Upper

252 100

253 30.7 17.1 25.7#

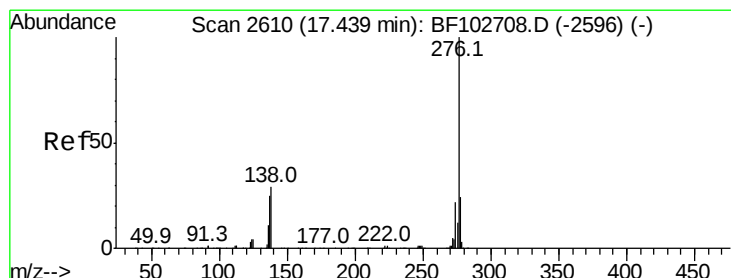
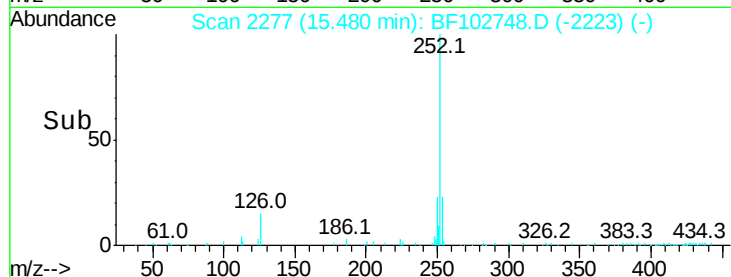
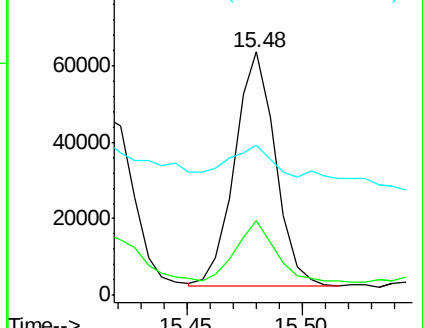
125 61.8 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 3.806 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF102748.D

Acq: 5 Feb 2018 19:54

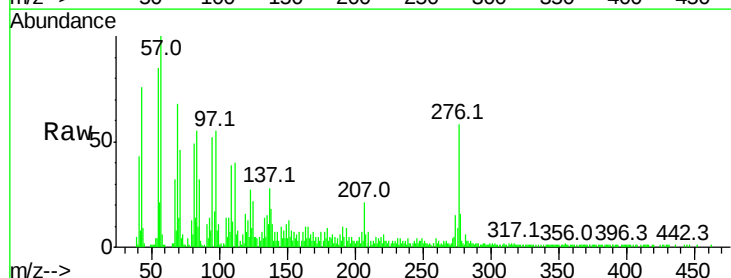
Tgt Ion:276 Resp: 50593

Ion Ratio Lower Upper

276 100

277 27.2 17.9 26.9#

138 30.0 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

