

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103769.D
 Acq On : 19 Mar 2018 21:25
 Operator : JU/SJ
 Sample : J1972-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 00:58:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172479	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	678418	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	285903	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	427003	20.00	ng	0.00
75) Chrysene-d12	14.16	240	332909	20.00	ng	0.00
86) Perylene-d12	15.70	264	261466	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1351060	119.14	ng	0.02
7) Phenol-d6	6.60	99	1675709	120.78	ng	0.01
23) Nitrobenzene-d5	7.54	82	1022025	105.06	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	315167	128.21	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1382729	77.15	ng	0.00
78) Terphenyl-d14	13.09	244	1024077	71.40	ng	0.00

Target Compounds

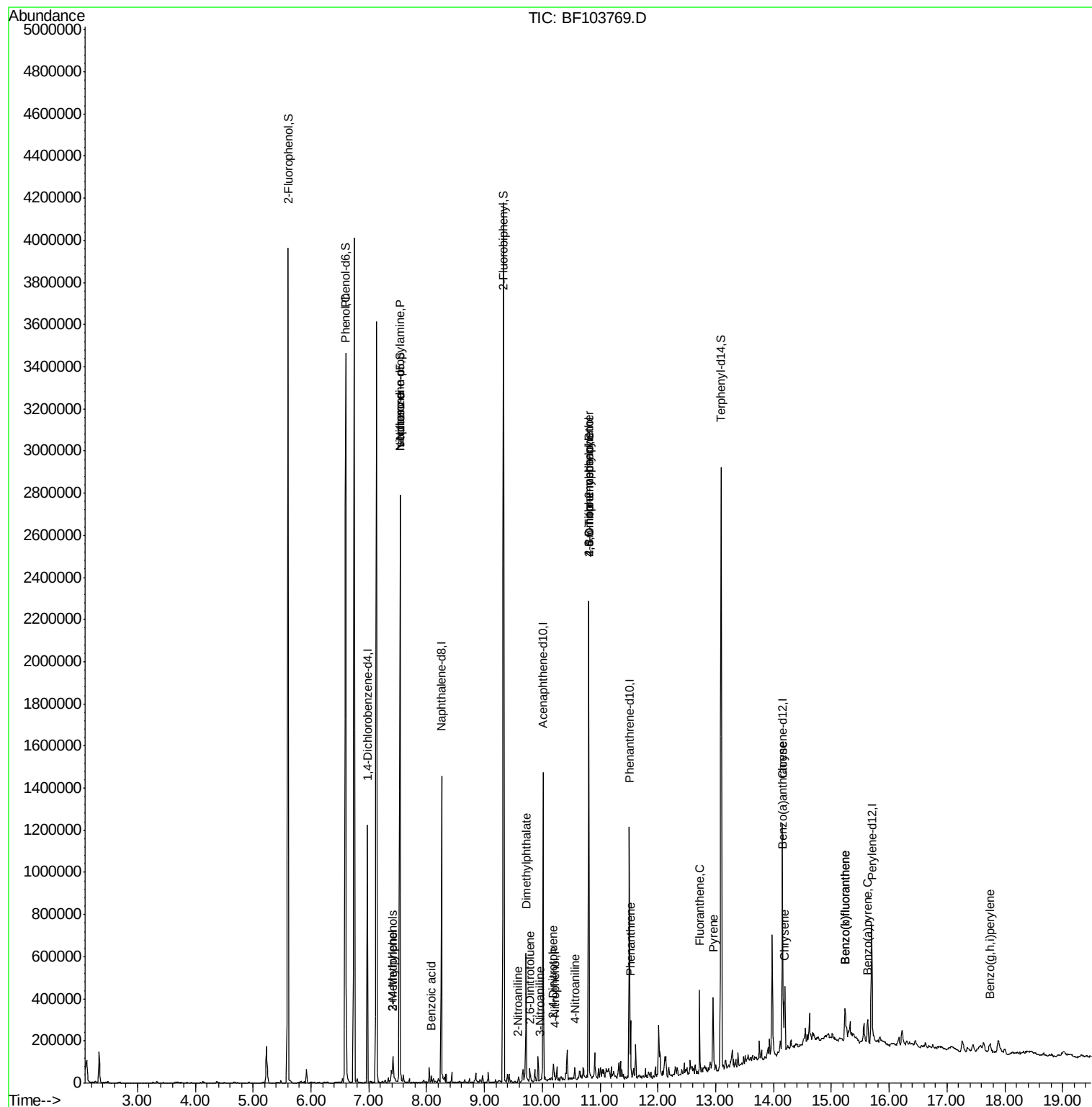
						Qvalue
10) Phenol	6.61	94	45380	3.078	ng	95
17) 2-Methylphenol	7.42	107	52421	4.955	ng	# 28
19) n-Nitroso-di-n-propylamine	7.54	70	134810	15.162	ng	# 74
20) 3+4-Methylphenols	7.42	107	52421	3.905	ng	# 40
25) Isophorone	7.54	82	1019496	45.270	ng	# 64
32) Benzoic acid	8.08	122	466	9.959	ng	# 1
47) 2-Nitroaniline	9.57	65	277	6.862	ng	# 9
49) Dimethylphthalate	9.72	163	212289	9.732	ng	99
50) 2,6-Dinitrotoluene	9.79	165	3644	4.776	ng	92
52) 3-Nitroaniline	9.95	138	609	3.925	ng	# 75
55) 4-Nitrophenol	10.22	139	1331	5.282	ng	# 30
56) 2,4-Dinitrotoluene	10.19	165	11208	8.039	ng	# 97
61) 4-Nitroaniline	10.56	138	134	3.775	ng	# 61
64) 4,6-Dinitro-2-methylphenol	10.80	198	622	8.553	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	19321	4.407	ng	# 1
70) Phenanthrene	11.53	178	88944	3.808	ng	97
74) Fluoranthene	12.72	202	132623	5.511	ng	98
77) Pyrene	12.96	202	135475	5.541	ng	98
80) Benzo(a)anthracene	14.14	228	77422	3.674	ng	96
82) Chrysene	14.18	228	78347	3.900	ng	97
87) Benzo(b)fluoranthene	15.24	252	107815	6.527	ng	# 93
88) Benzo(k)fluoranthene	15.24	252	107815	6.790	ng	96
89) Benzo(a)pyrene	15.63	252	51544	3.440	ng	# 92
91) Benzo(g,h,i)perylene	17.74	276	27594	2.186	ng	95

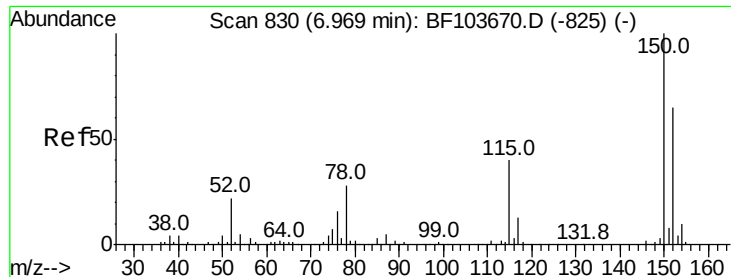
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
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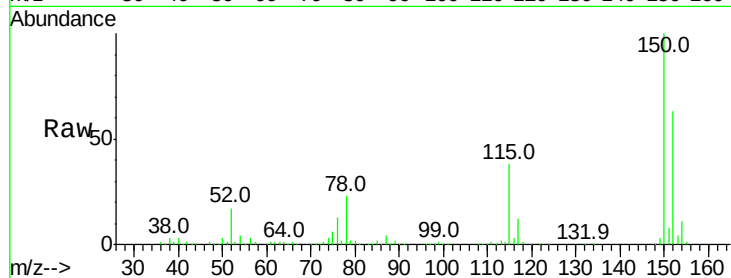


#1

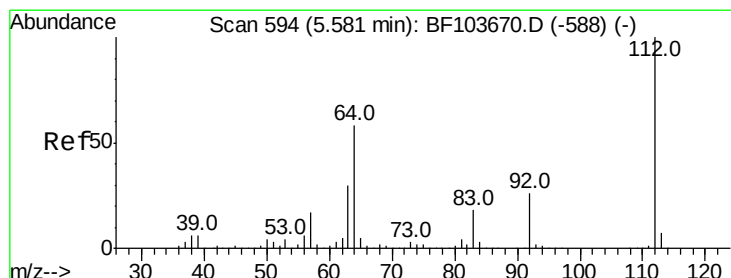
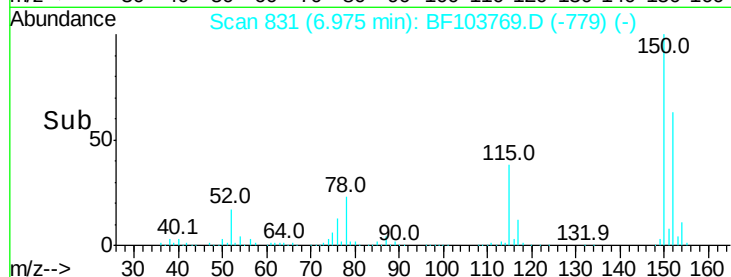
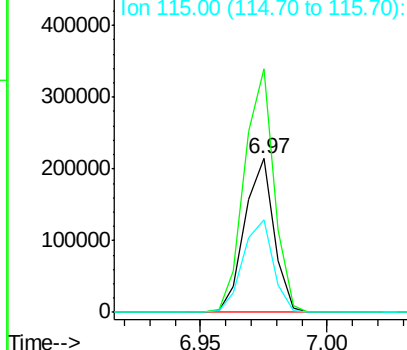
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172479
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.6 50.1 75.1



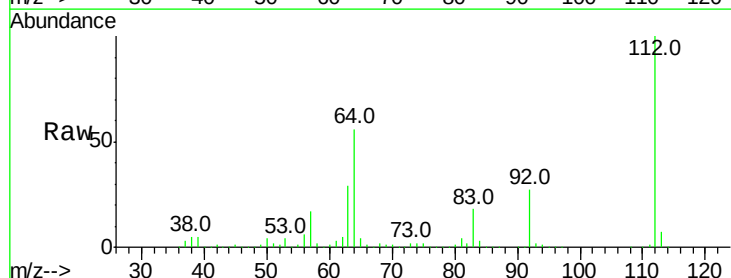
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



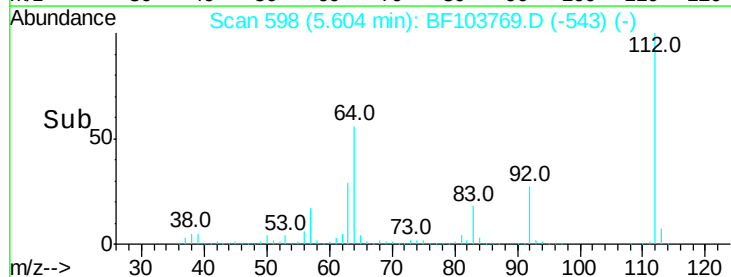
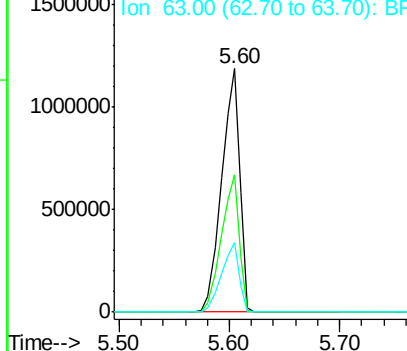
#5

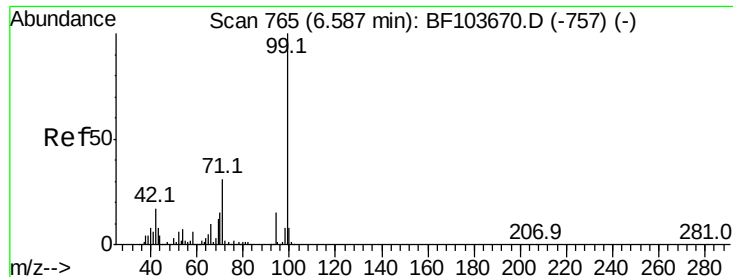
2-Fluorophenol
Concen: 119.142 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:112 Resp: 1351060
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.6 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: 120.784 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

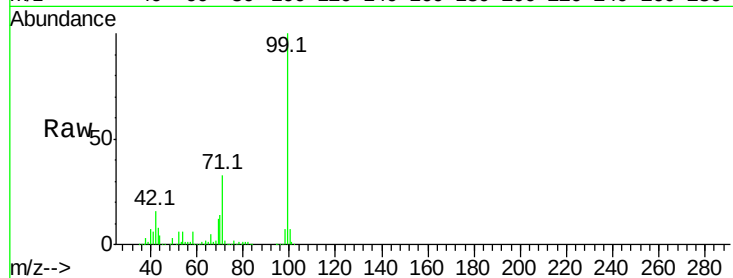
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1675709

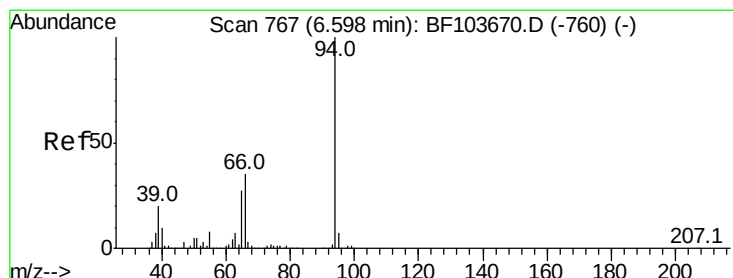
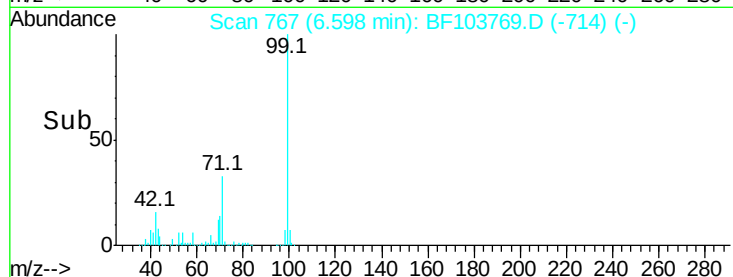
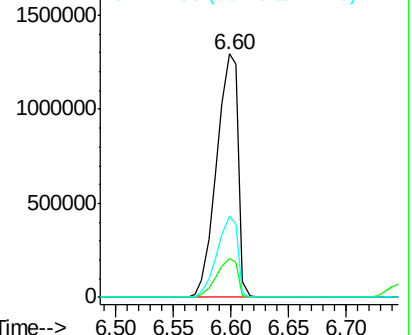
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.4	25.4	38.0



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



#10

Phenol

Concen: 3.078 ng

RT: 6.61 min Scan# 769

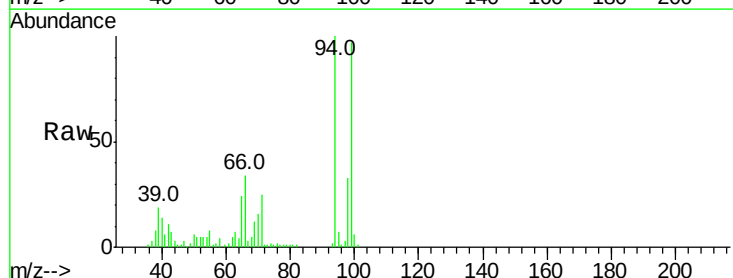
Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Tgt Ion: 94 Resp: 45380

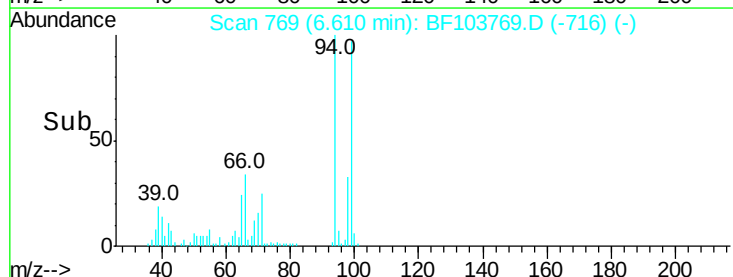
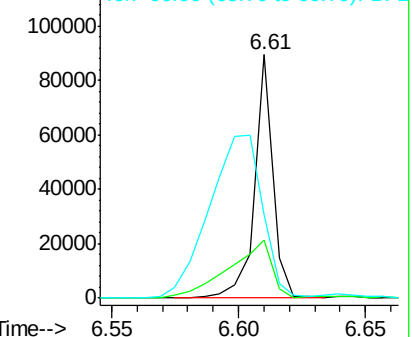
Ion	Ratio	Lower	Upper
94	100		
65	23.7	7.9	47.9
66	34.4	16.2	56.2

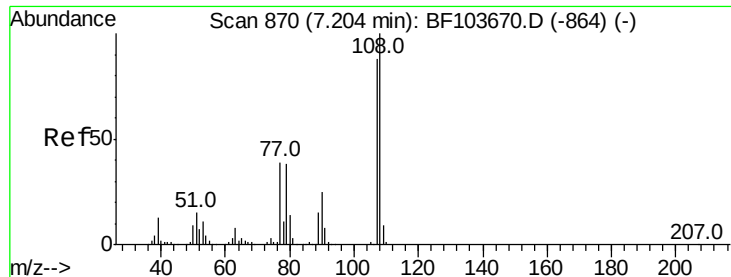


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

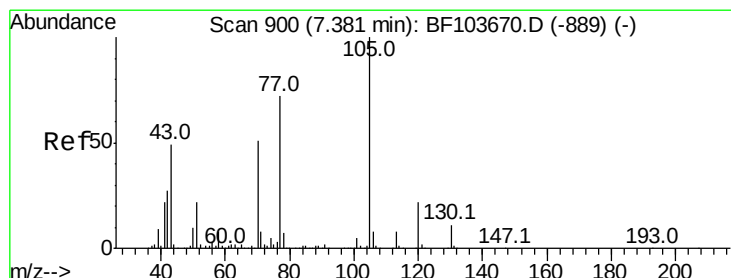
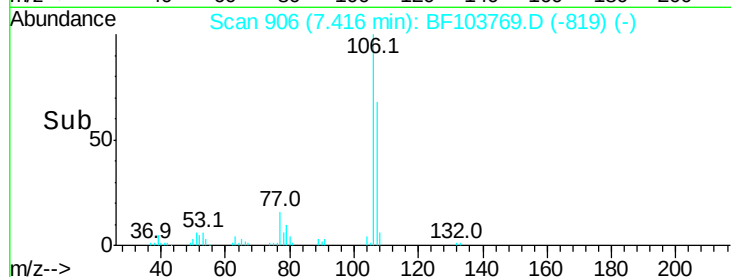
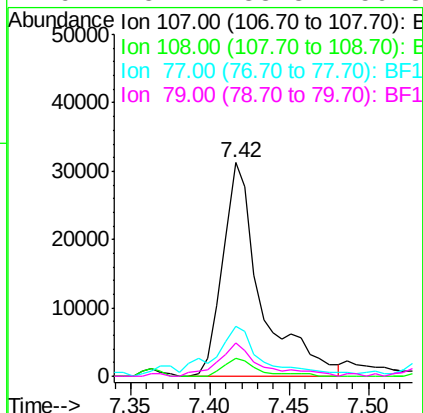
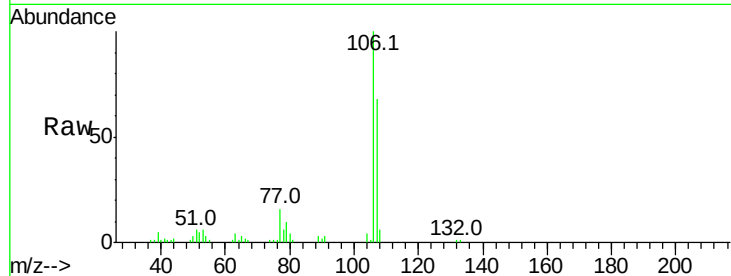




#17
2-Methylphenol
Concen: 4.955 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.21 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

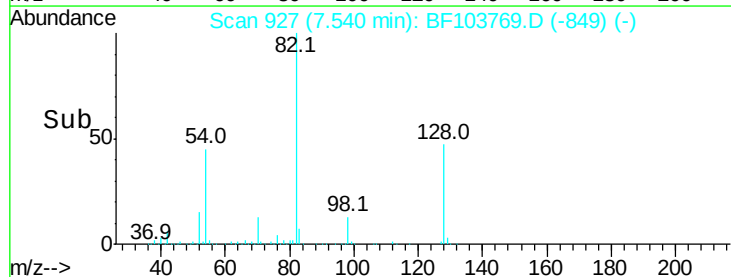
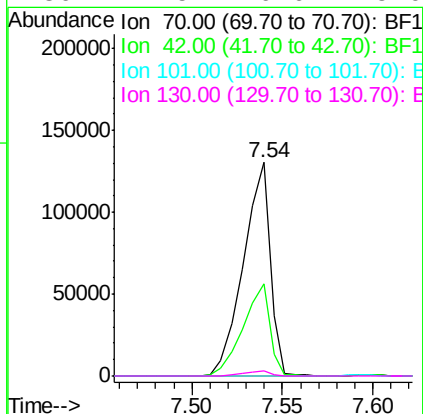
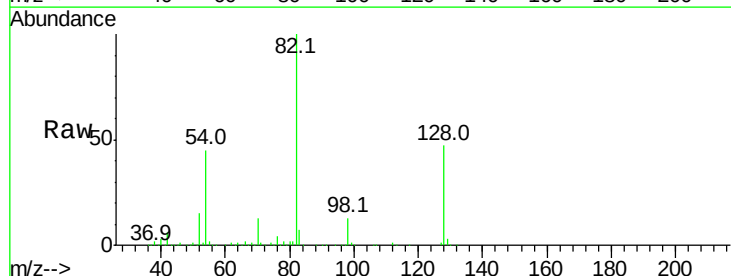
Instrument :
BNA_F
ClientSampled :

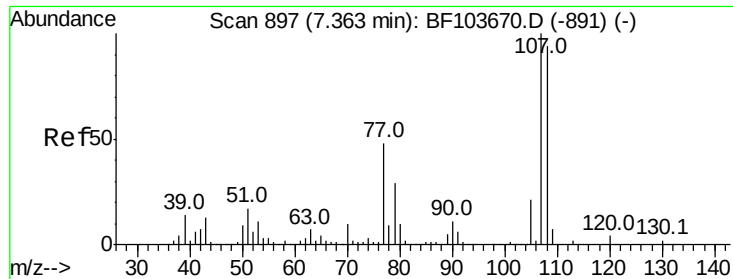
Tot Ion:107 Resp: 52421
Ion Ratio Lower Upper
107 100
108 8.5 91.7 137.5#
77 23.6 33.8 50.8#
79 15.4 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.162 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion: 70 Resp: 134810
Ion Ratio Lower Upper
70 100
42 43.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#





#20

3+4-Methylphenols

Concen: 3.905 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.05 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 52421

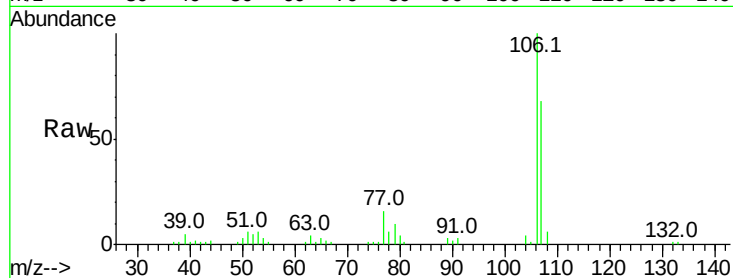
Ion Ratio Lower Upper

107 100

108 8.5 68.2 108.2#

77 23.6 26.7 66.7#

79 15.4 6.3 46.3

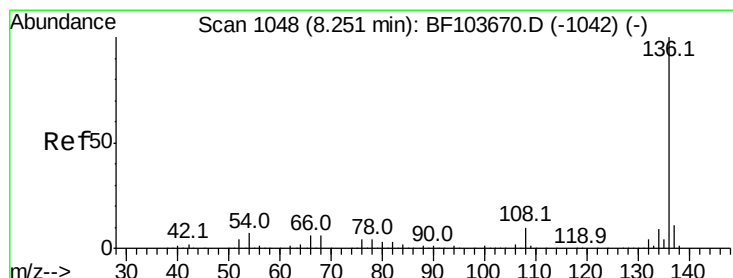
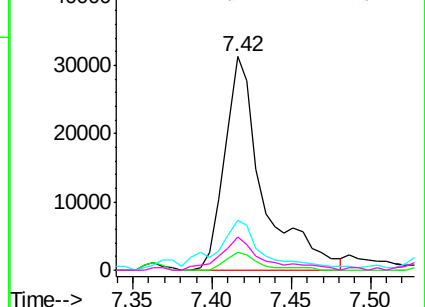
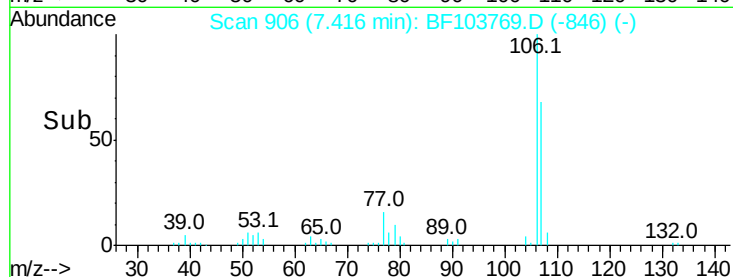


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Tgt Ion:136 Resp: 678418

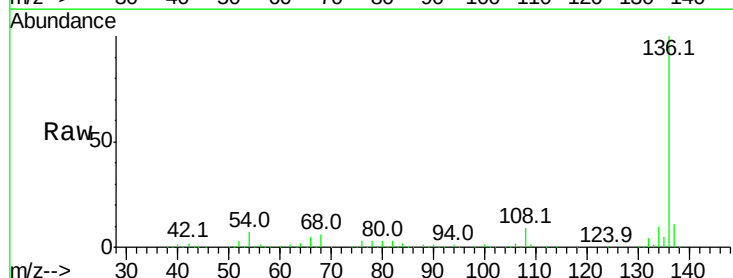
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

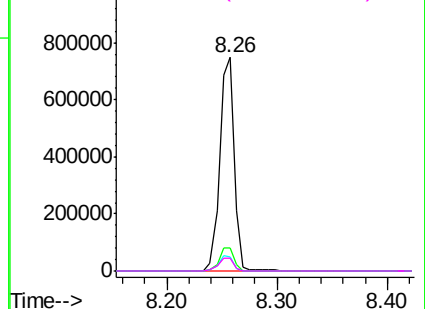
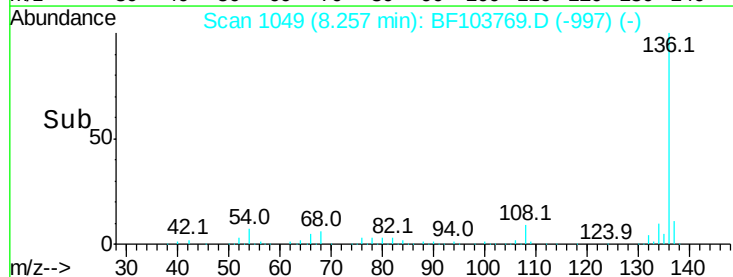


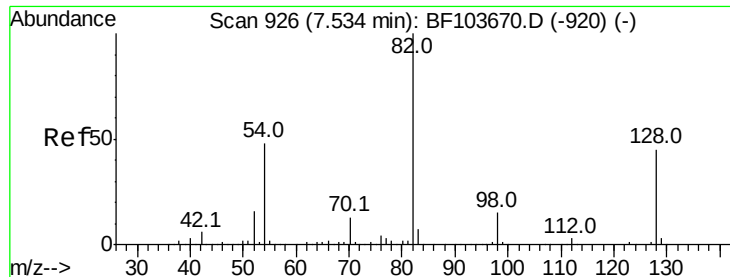
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.056 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampled :

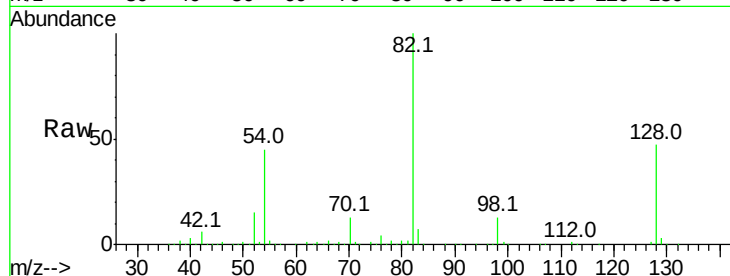
Tot Ion: 82 Resp: 1022025

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

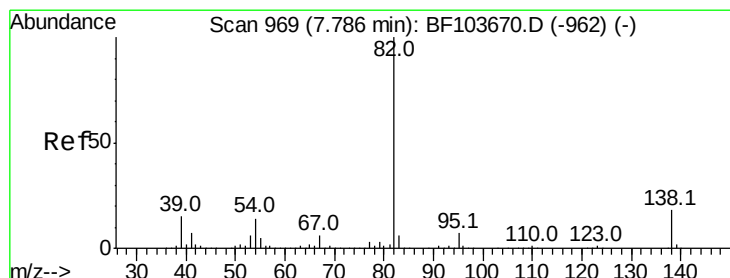
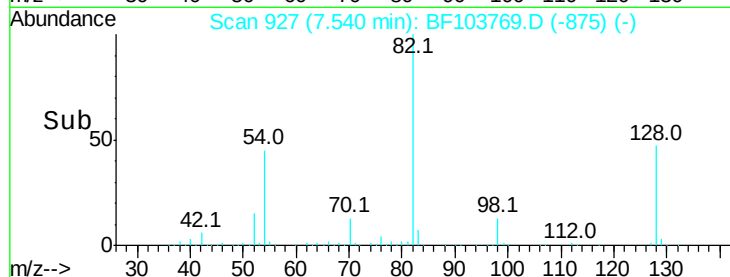
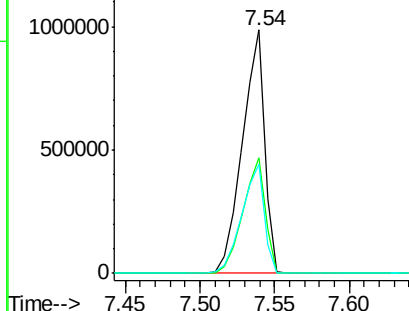
54 44.8 41.4 62.2



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



#25

Isophorone

Concen: 45.270 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

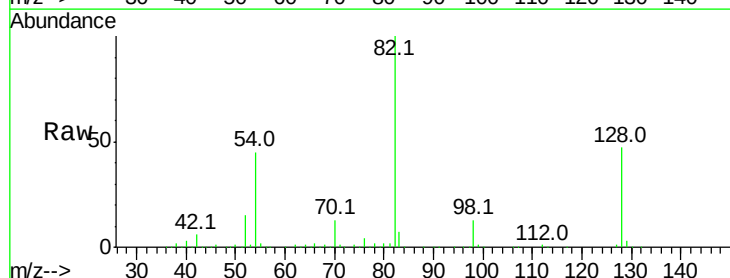
Tgt Ion: 82 Resp: 1019496

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

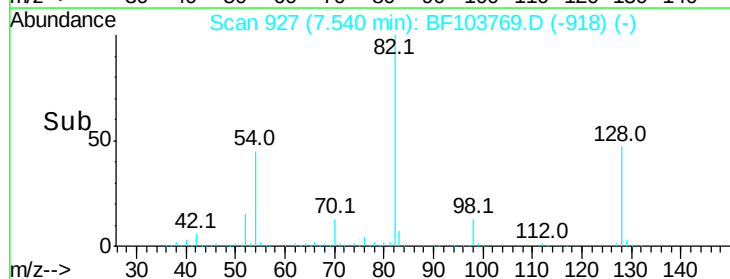
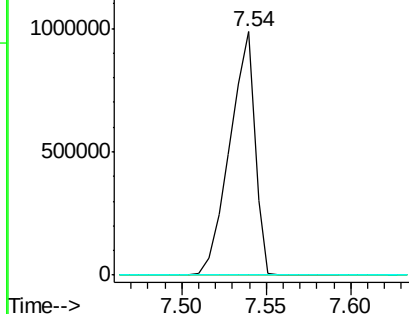
138 0.0 14.9 22.3#

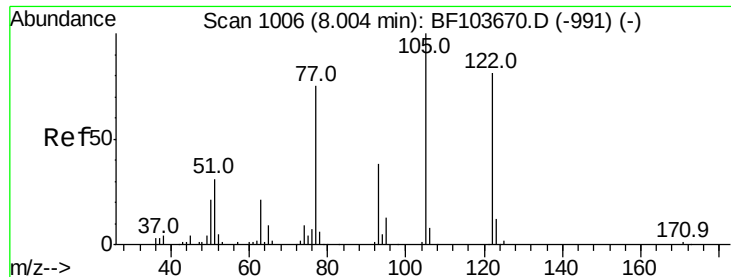


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

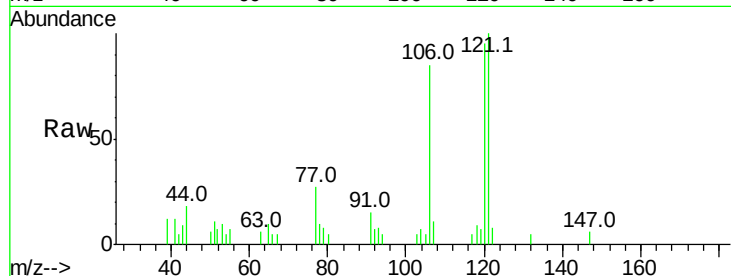




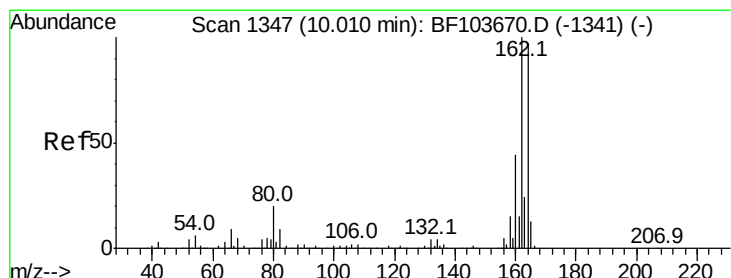
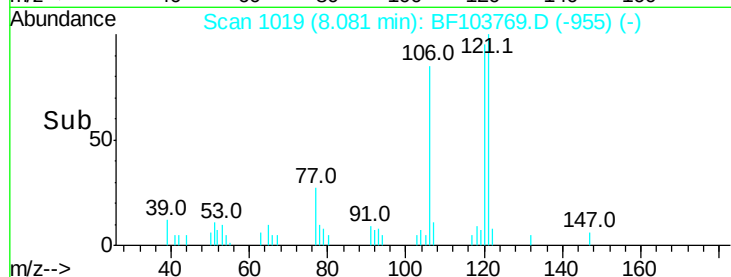
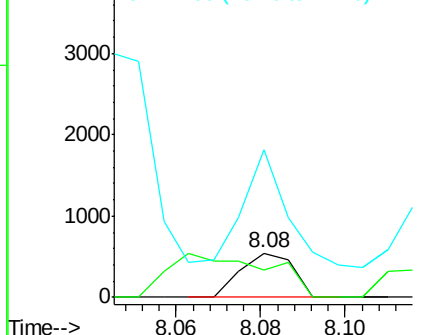
#32
Benzoic acid
Concen: 9.959 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.08 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 466
Ion Ratio Lower Upper
122 100
105 61.1 101.1 141.1#
77 334.7 70.7 110.7#

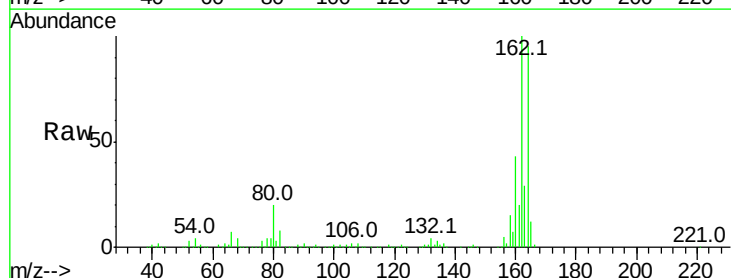


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

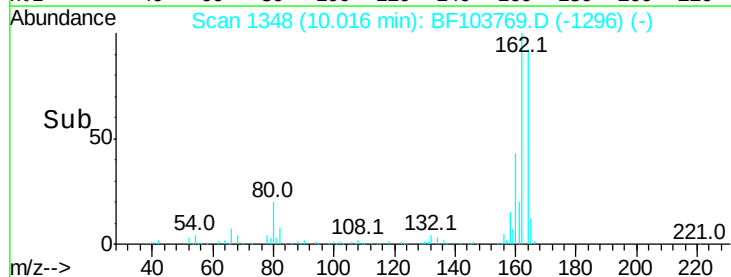
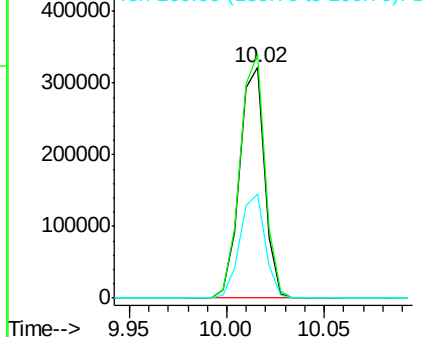


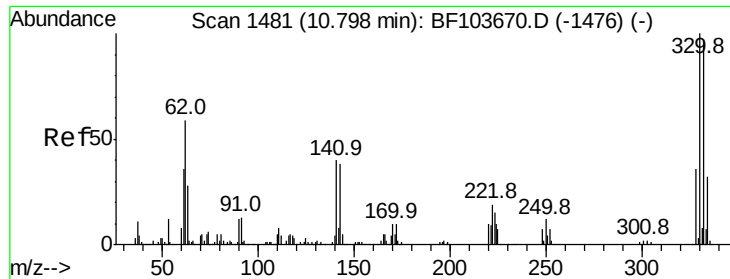
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:164 Resp: 285903
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.4 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

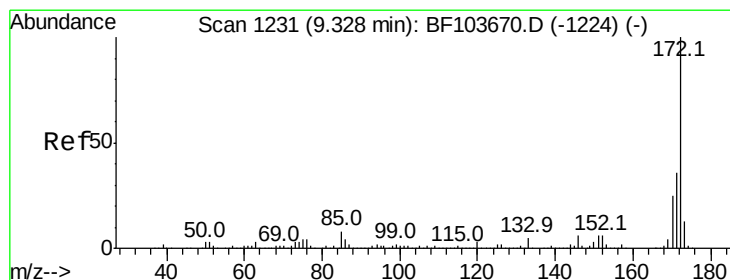
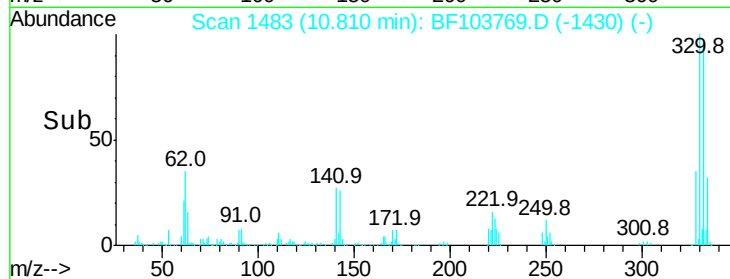
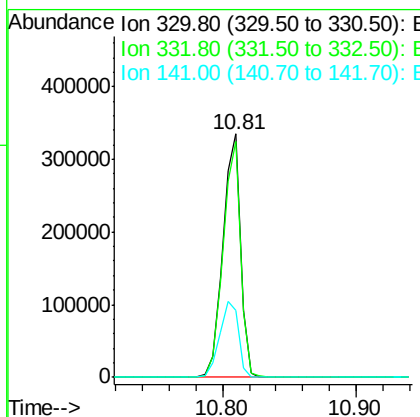
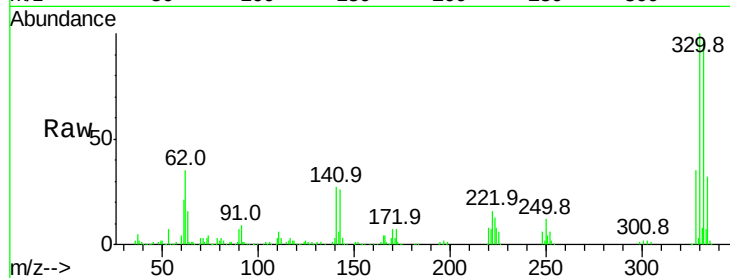




#41
 2,4,6-Tribromophenol
 Concen: 128.210 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

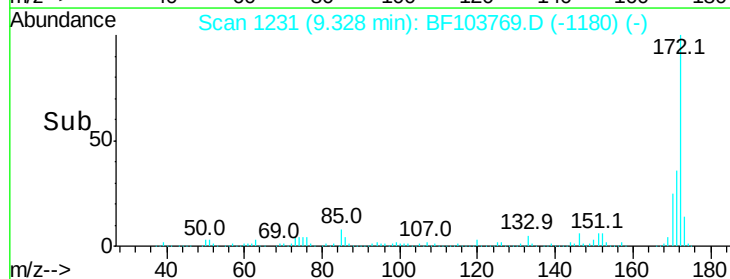
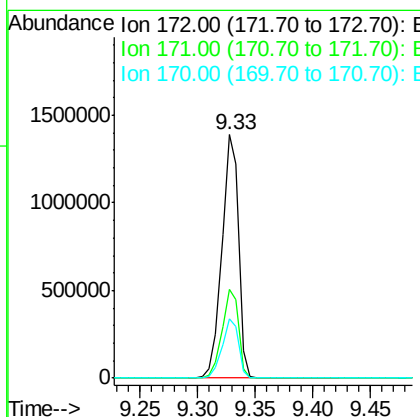
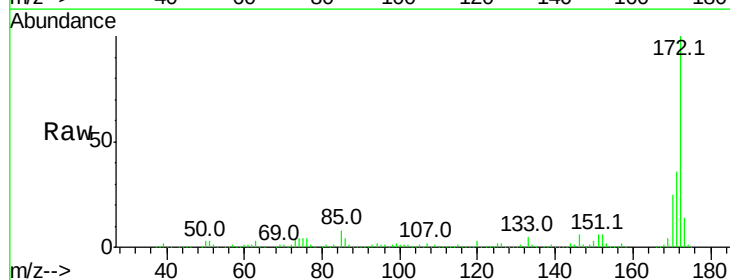
Instrument :
 BNA_F
 ClientSampleId :

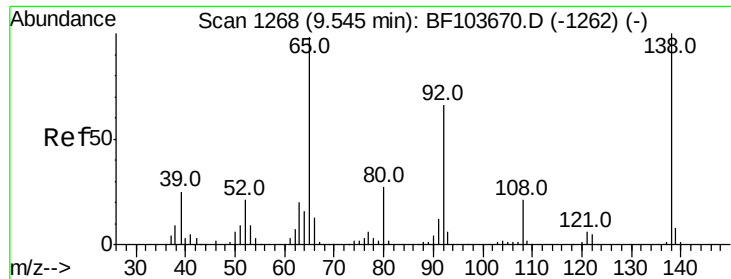
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 77.147 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4

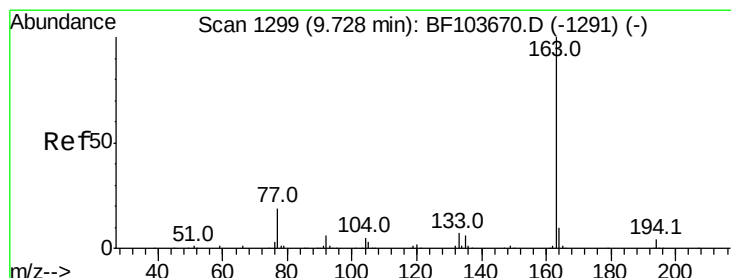
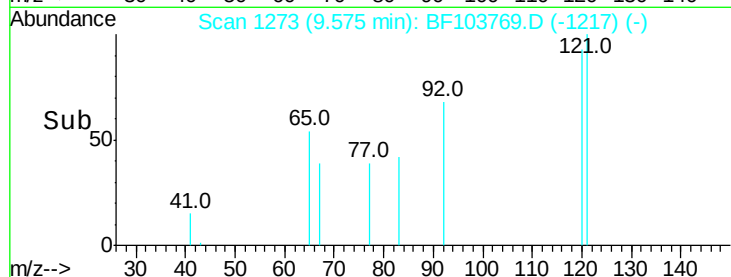
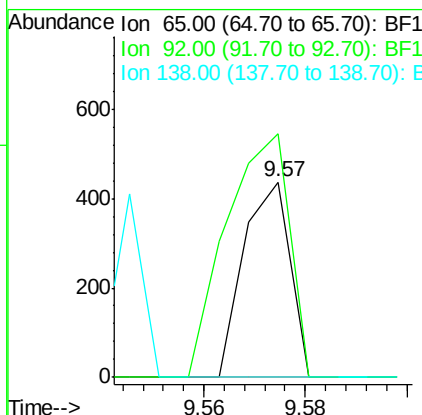
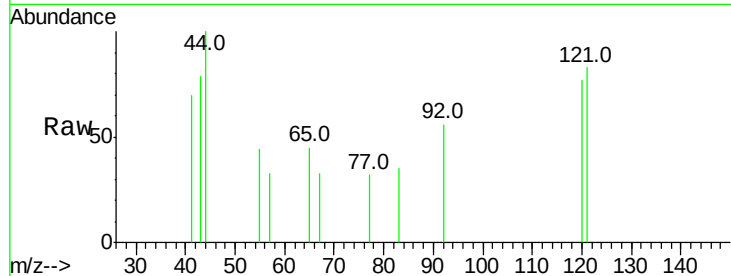




#47
 2-Nitroaniline
 Concen: 6.862 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.03 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

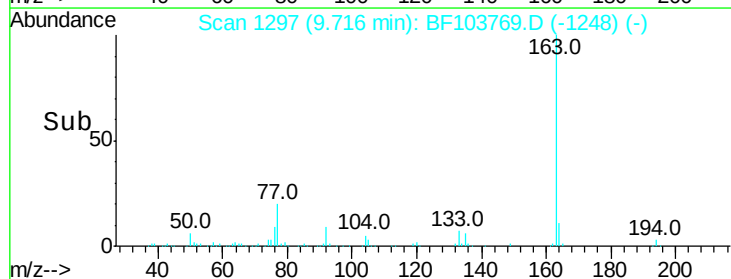
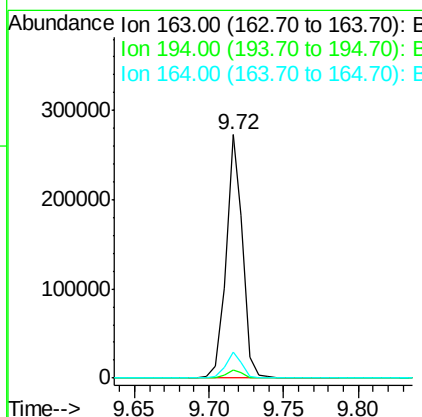
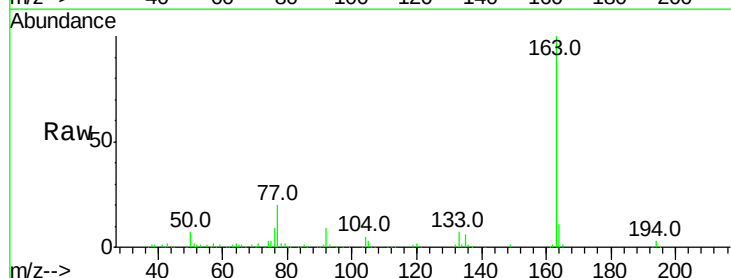
Instrument :
 BNA_F
 ClientSampled :

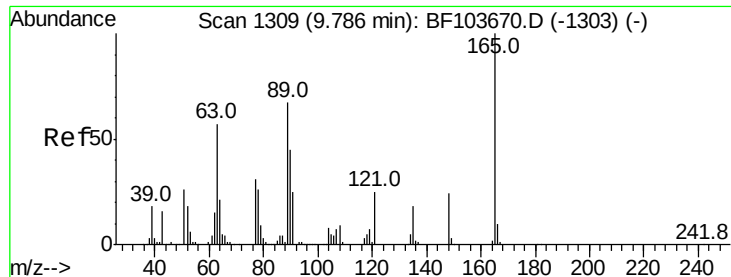
Tot Ion: 65 Resp: 277
 Ion Ratio Lower Upper
 65 100
 92 124.5 55.8 83.6#
 138 0.0 91.2 136.8#



#49
 Dimethylphthalate
 Concen: 9.732 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Tgt Ion:163 Resp: 212289
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.6 8.2 12.2

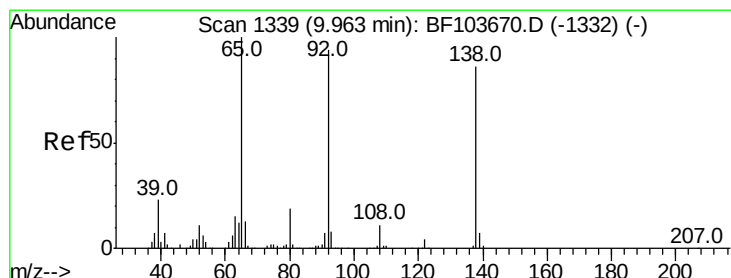
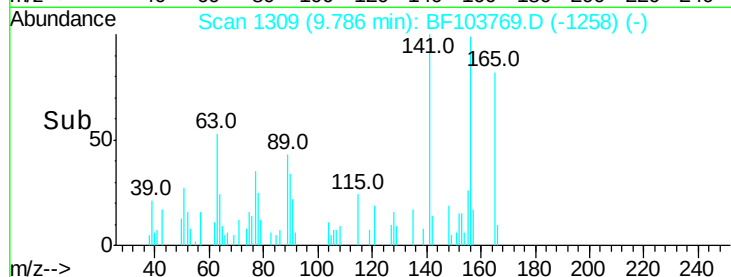
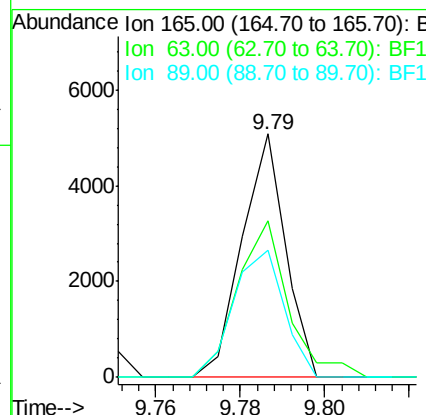
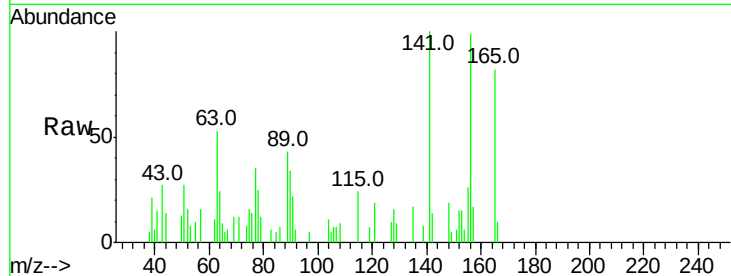




#50
 2,6-Dinitrotoluene
 Concen: 4.776 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

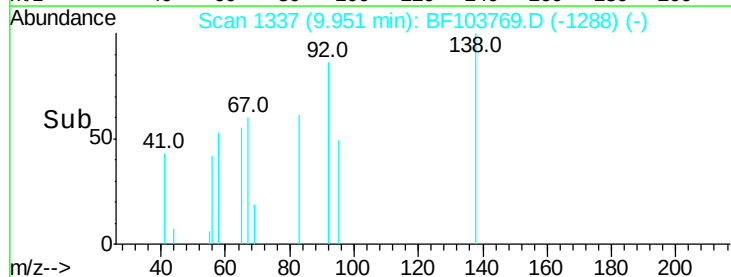
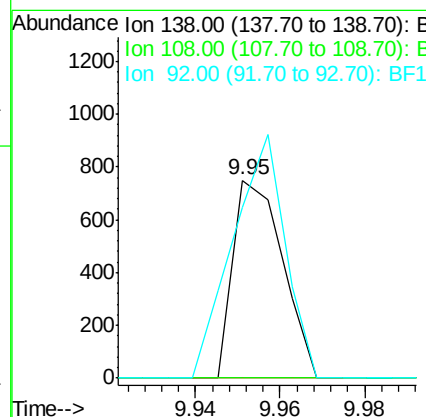
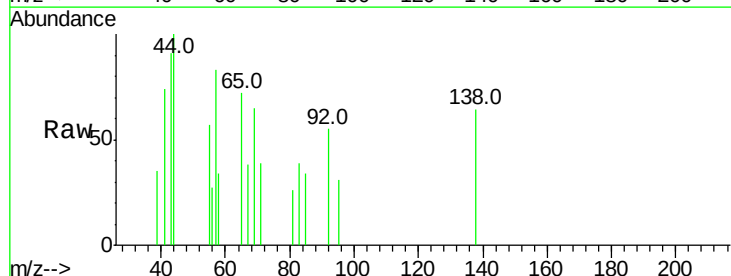
Instrument :
 BNA_F
 ClientSampleId :

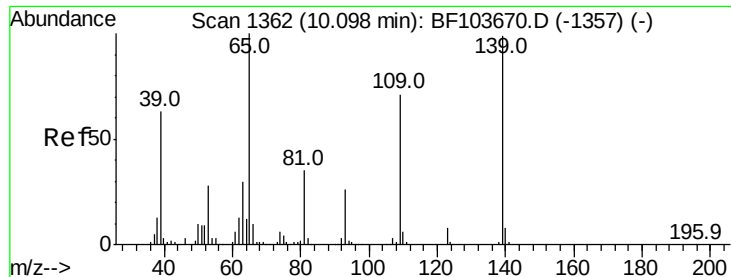
Tot Ion:165 Resp: 3644
 Ion Ratio Lower Upper
 165 100
 63 64.4 44.7 67.1
 89 52.4 44.0 66.0



#52
 3-Nitroaniline
 Concen: 3.925 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Tgt Ion:138 Resp: 609
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.4 14.0#
 92 86.1 89.4 134.2#





#55

4-Nitrophenol

Concen: 5.282 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.12 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampleId :

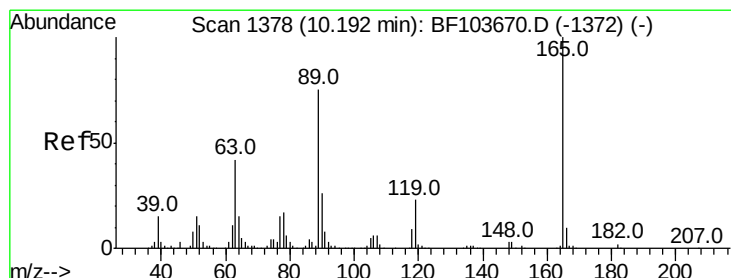
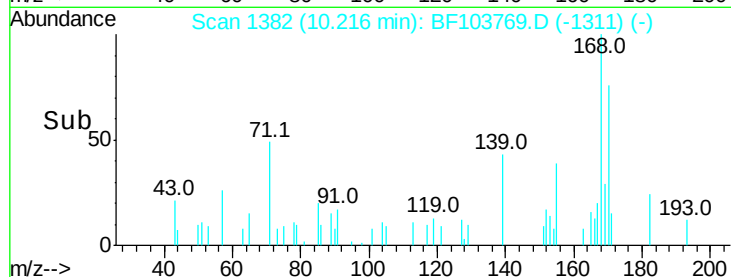
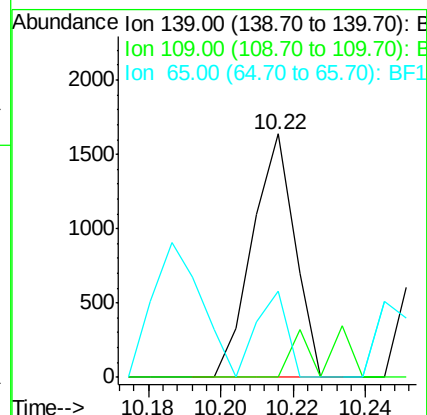
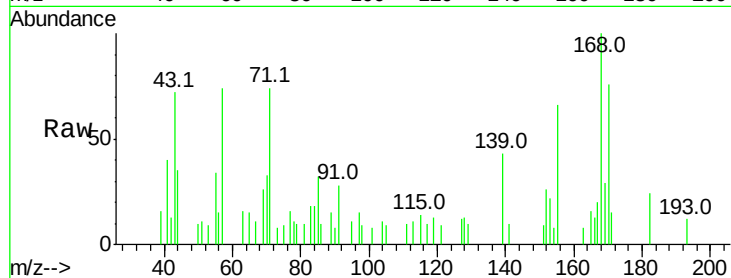
Tot Ion:139 Resp: 1331

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 35.4 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 8.039 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Tgt Ion:165 Resp: 11208

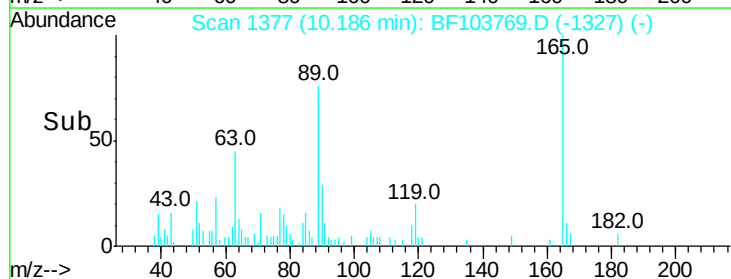
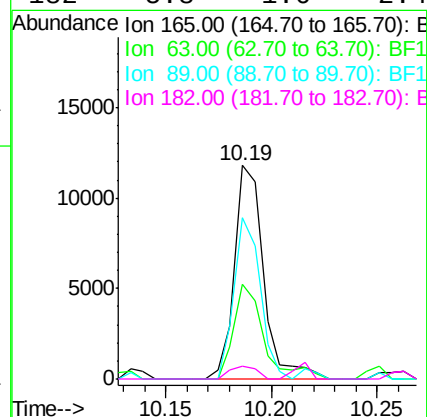
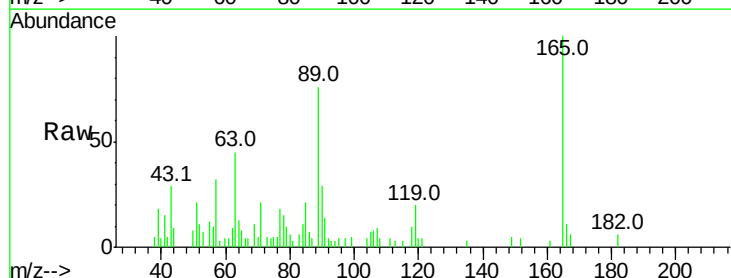
Ion Ratio Lower Upper

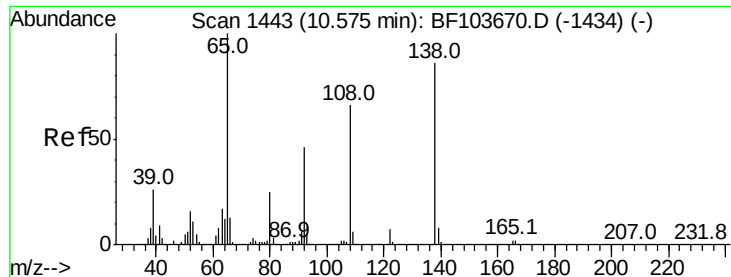
165 100

63 44.5 36.4 54.6

89 75.5 57.8 86.6

182 5.8 1.6 2.4#

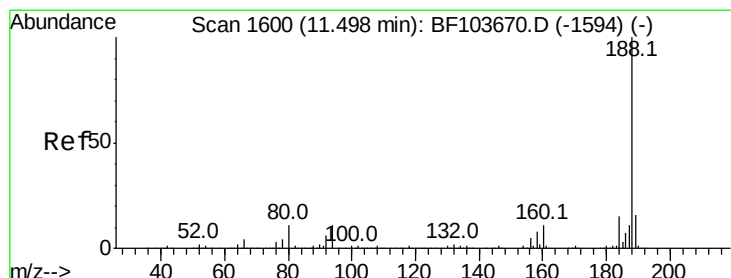
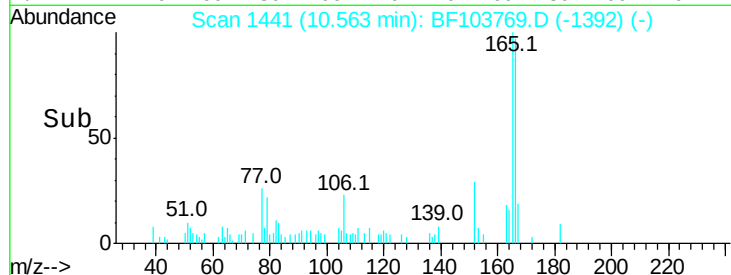
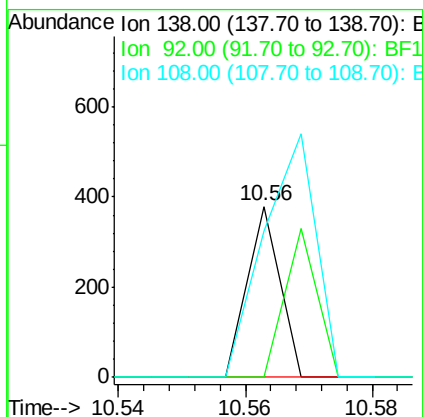
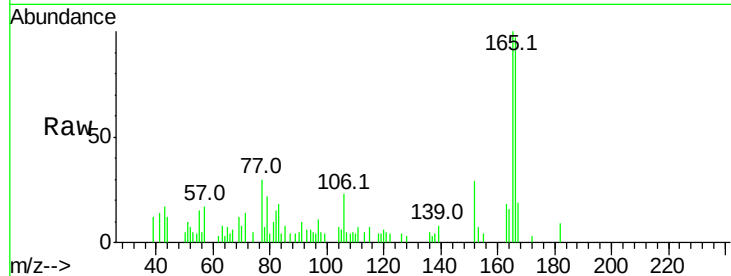




#61
4-Nitroaniline
Concen: 3.775 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

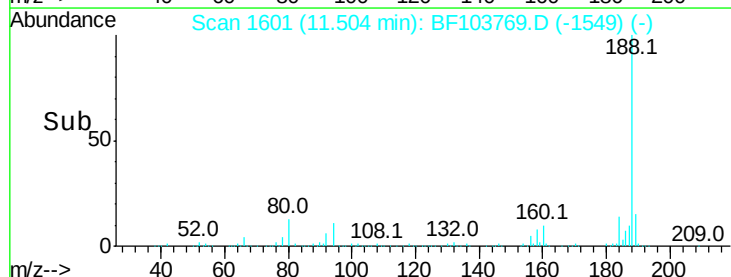
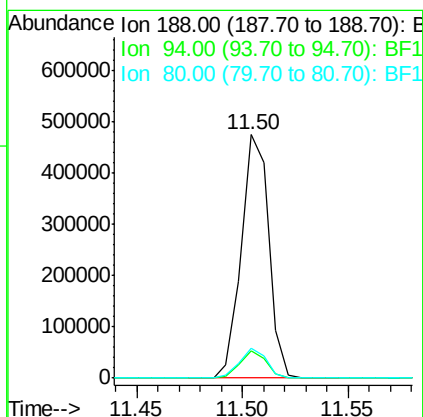
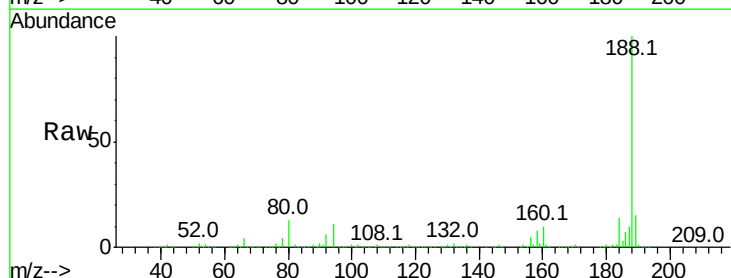
Instrument :
BNA_F
ClientSampleId :

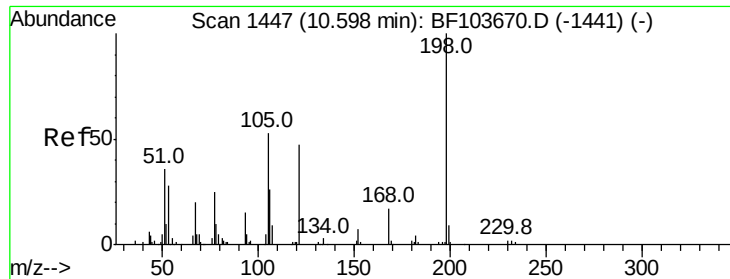
Tot Ion:138 Resp: 134
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 85.3 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:188 Resp: 427003
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.5 9.2 13.8

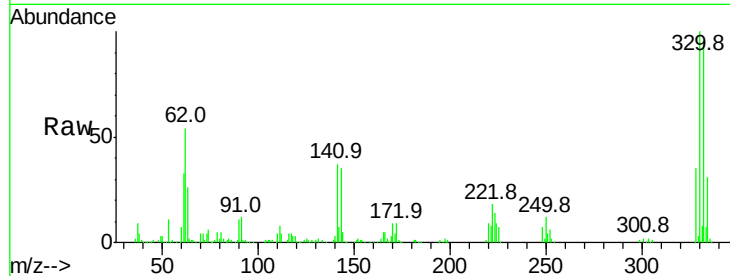




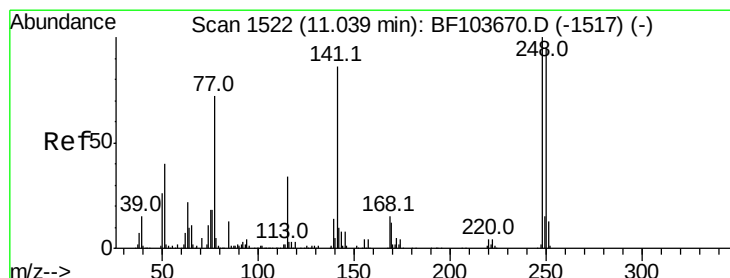
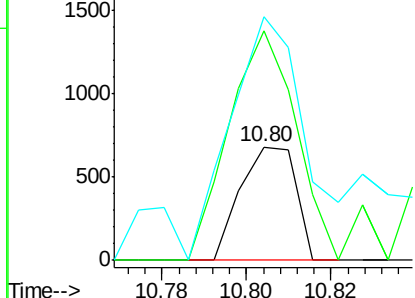
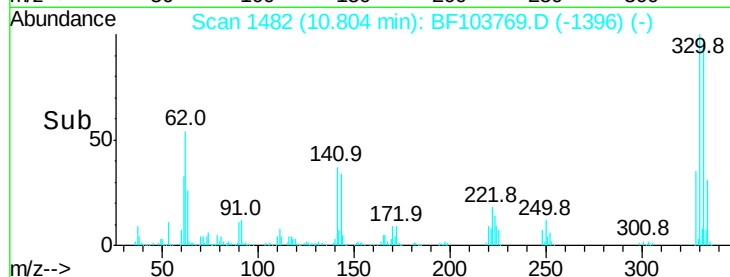
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.553 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.21 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 622
 Ion Ratio Lower Upper
 198 100
 51 201.5 37.7 77.7#
 105 214.2 36.3 76.3#

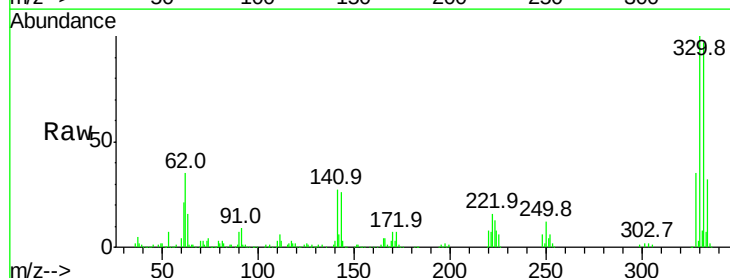


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

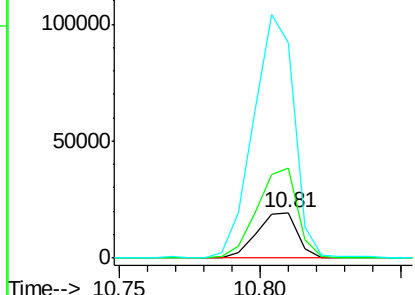
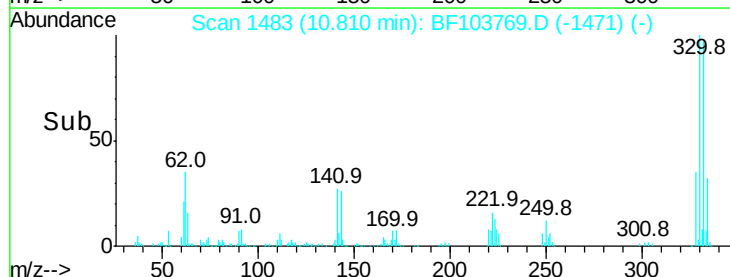


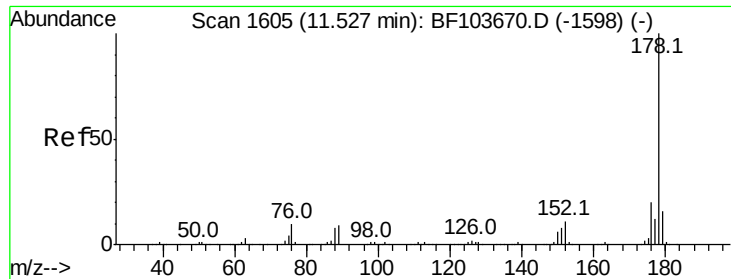
#66
 4-Bromophenyl-phenylether
 Concen: 4.407 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.23 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Tgt Ion:248 Resp: 19321
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 470.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

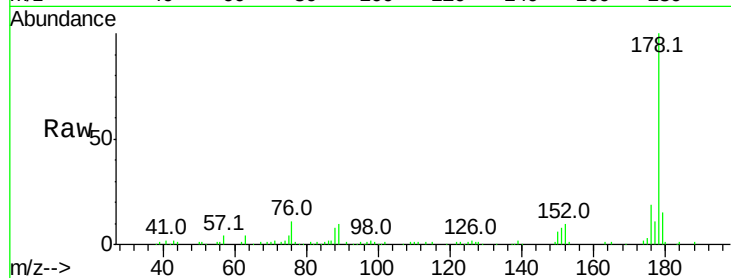




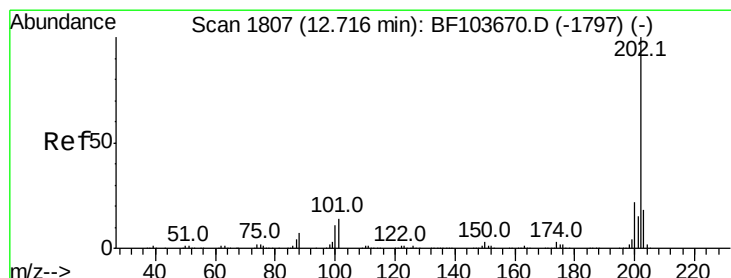
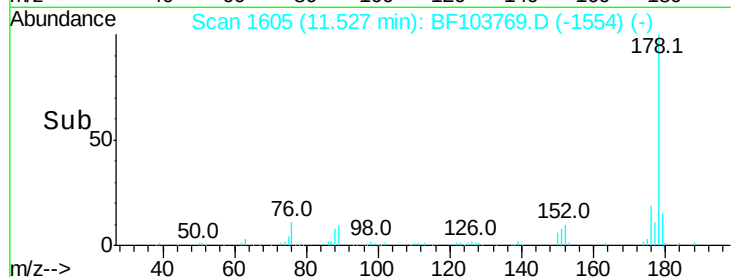
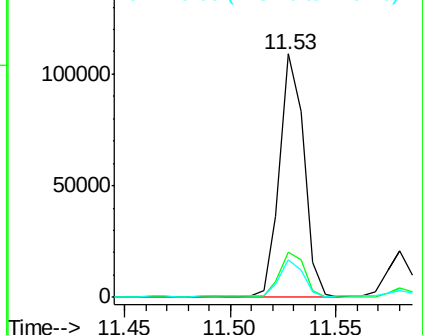
#70
Phenanthrene
Concen: 3.808 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 88944
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 15.3 13.0 19.6

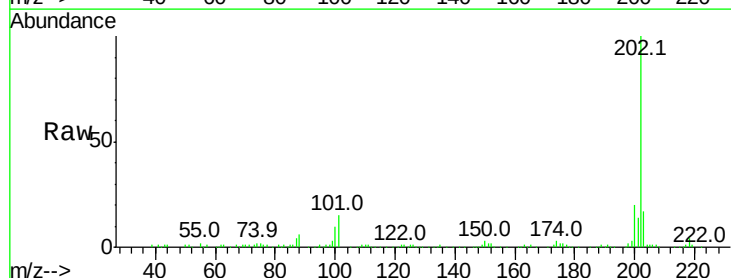


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

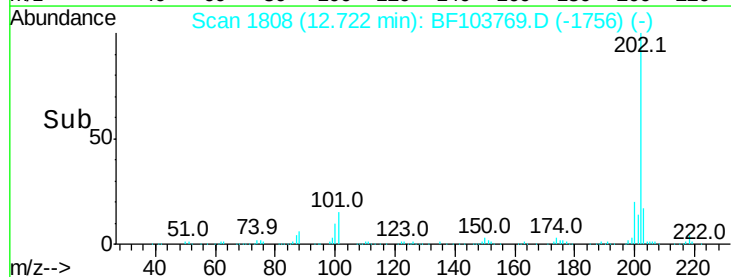
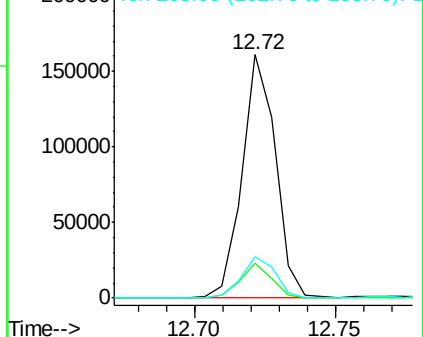


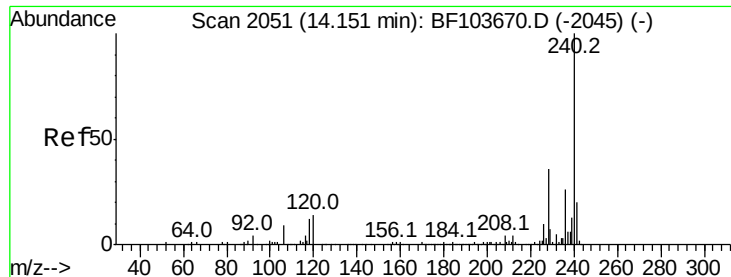
#74
Fluoranthene
Concen: 5.511 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:202 Resp: 132623
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 17.1 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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampleId :

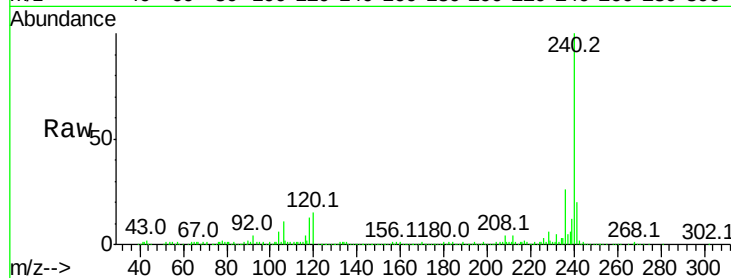
Tot Ion:240 Resp: 332909

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

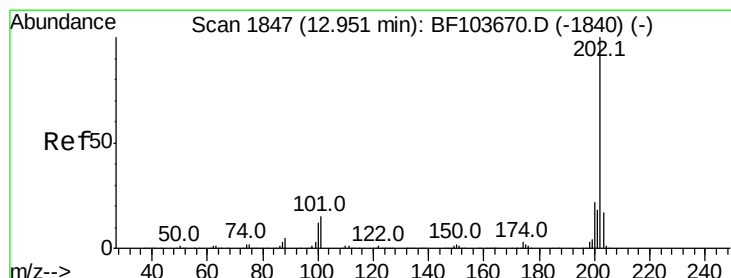
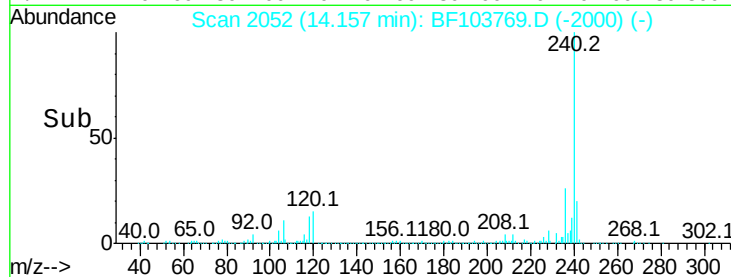
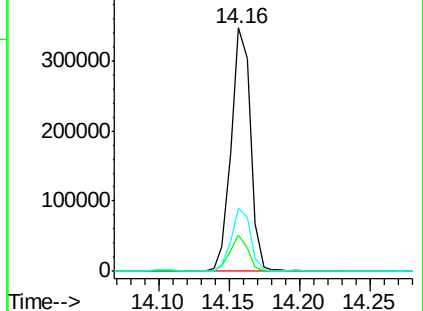
236 26.0 20.7 31.1



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: 5.541 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

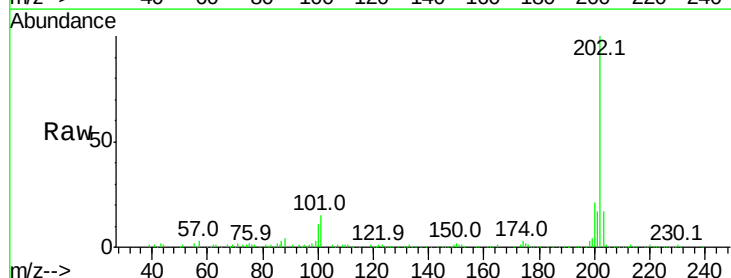
Tgt Ion:202 Resp: 135475

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

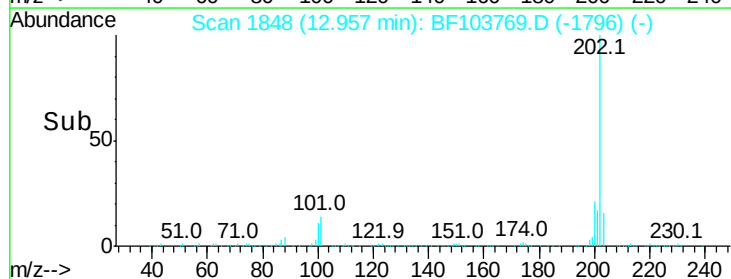
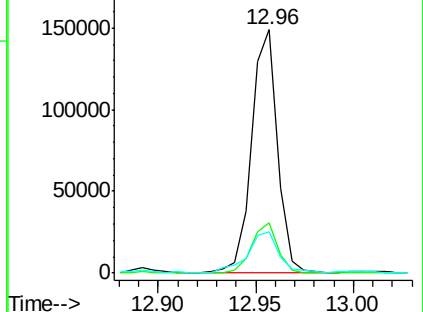
203 16.7 14.3 21.5

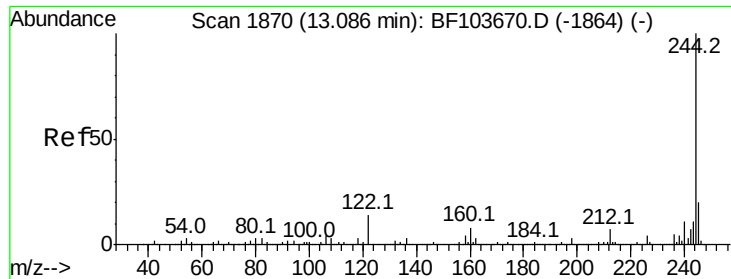


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



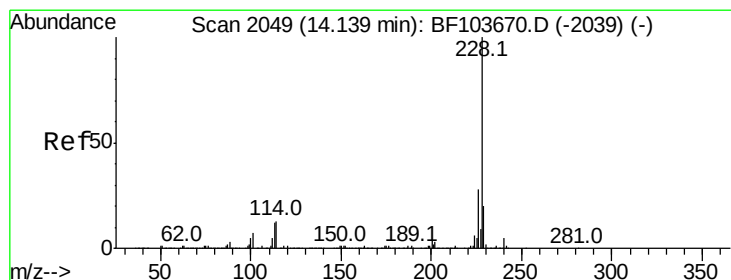
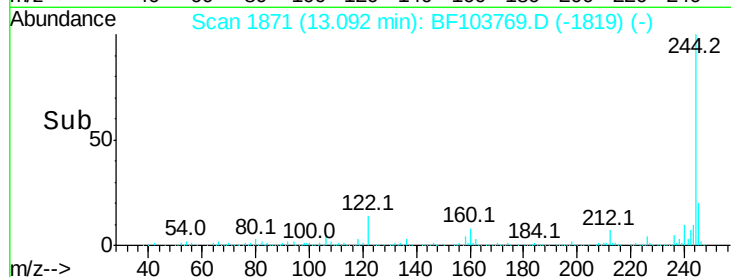
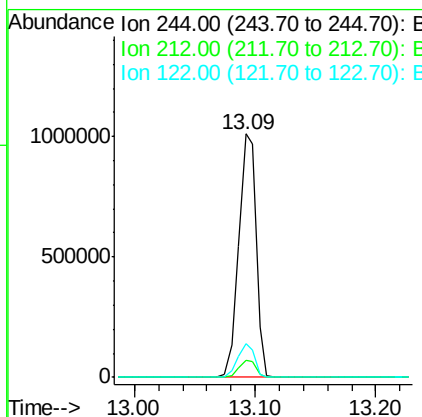
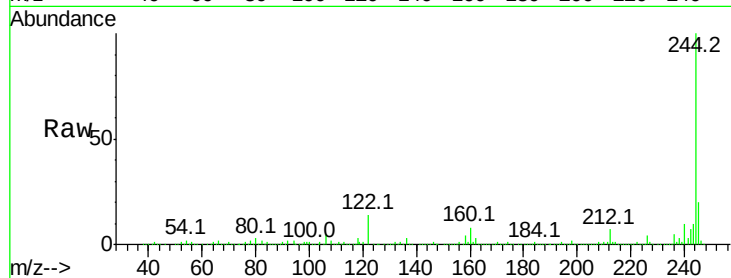


#78
 Terphenyl-d14
 Concen: 71.402 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1024077

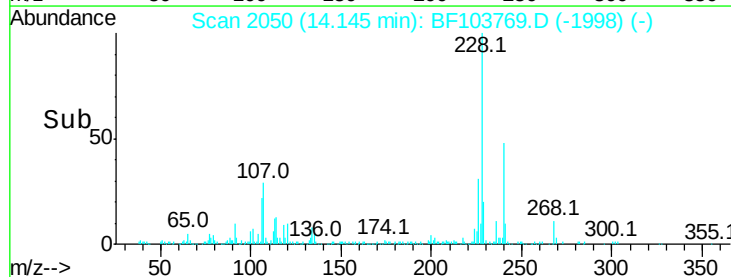
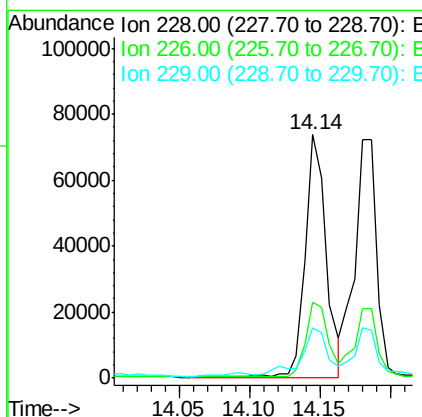
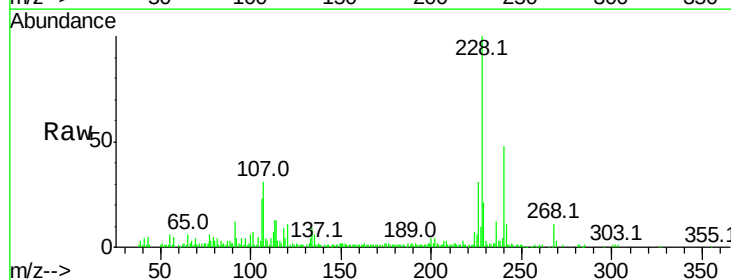
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

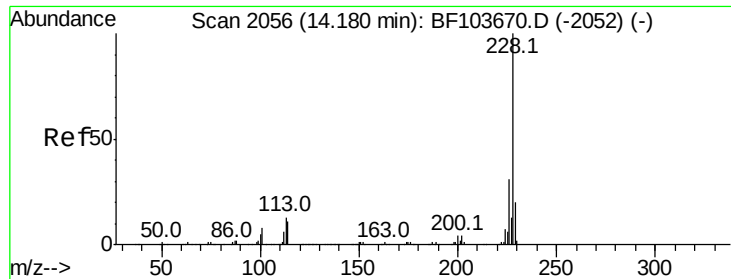


#80
 Benzo(a)anthracene
 Concen: 3.674 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF103769.D
 Acq: 19 Mar 2018 21:25

Tgt Ion:228 Resp: 77422

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.7	15.8	23.6





#82

Chrysene

Concen: 3.900 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

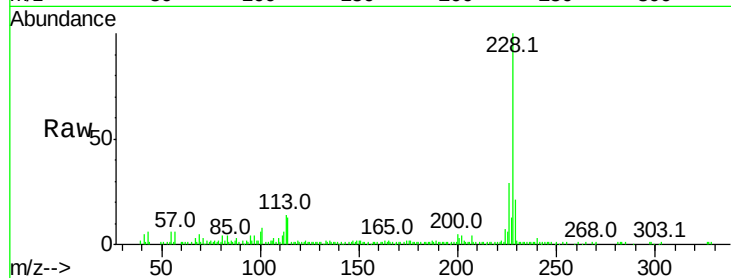
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 78347

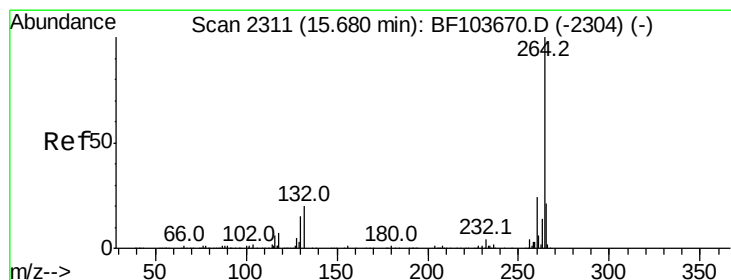
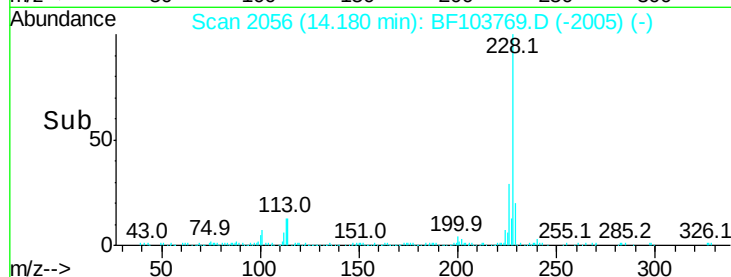
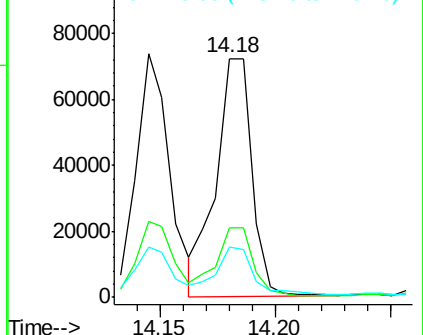
Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.9	16.2	24.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

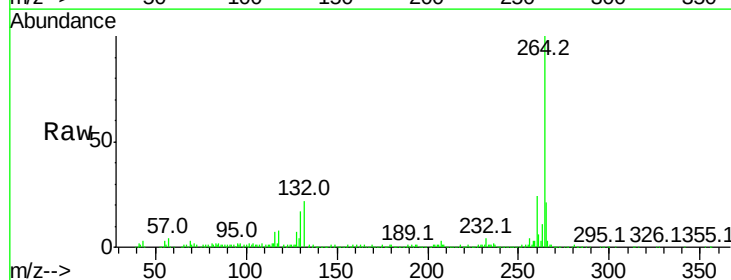
Delta R.T. 0.02 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Tgt Ion:264 Resp: 261466

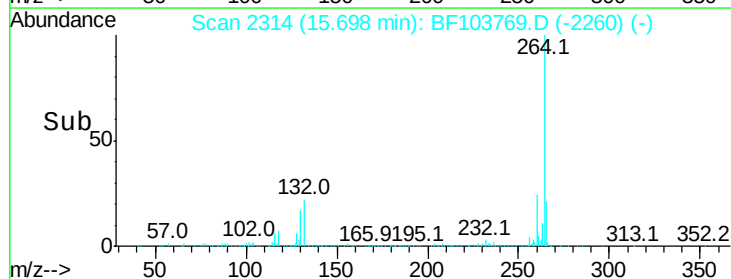
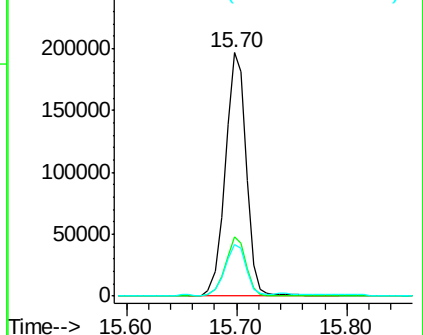
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

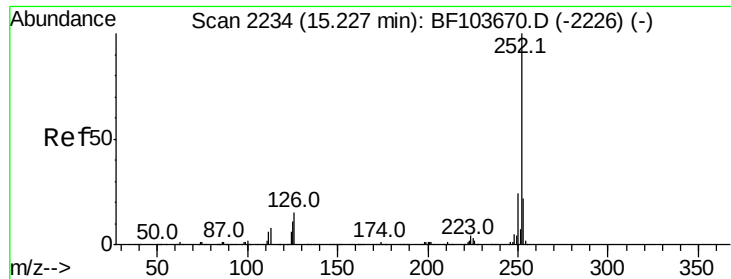


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.527 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampleId :

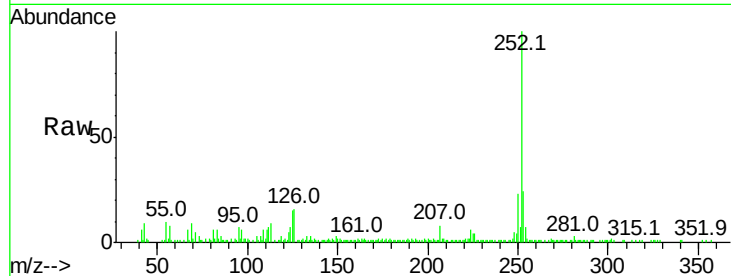
Tot Ion:252 Resp: 107815

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.6

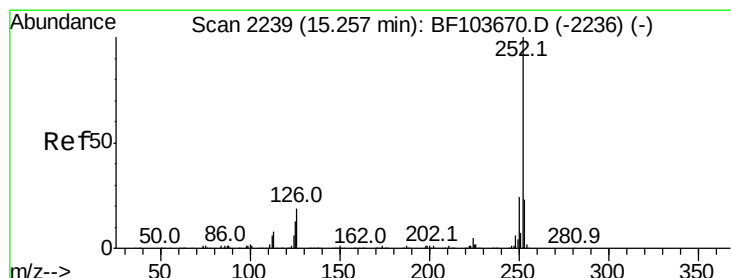
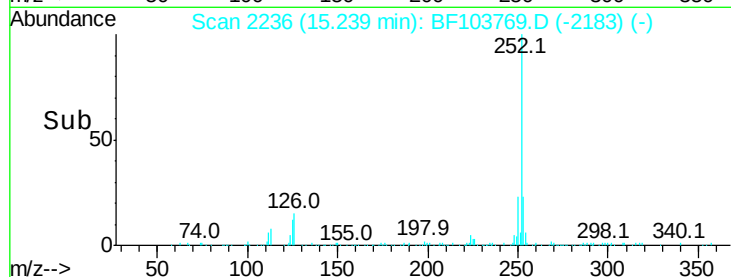
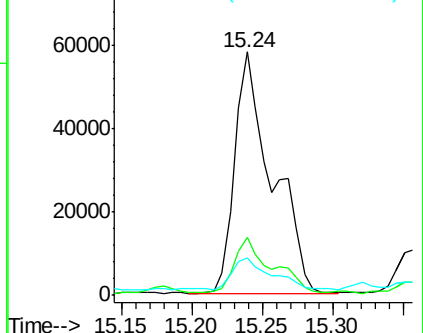
125 15.2 9.0 13.6#



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: 6.790 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

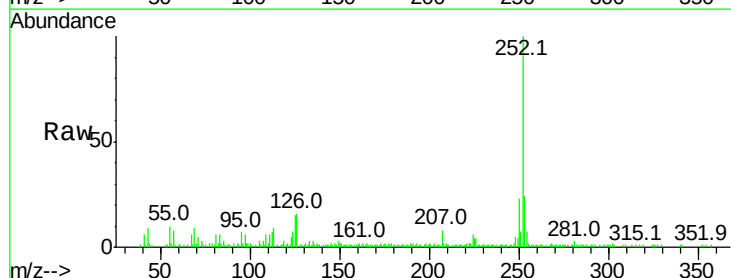
Tgt Ion:252 Resp: 107815

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

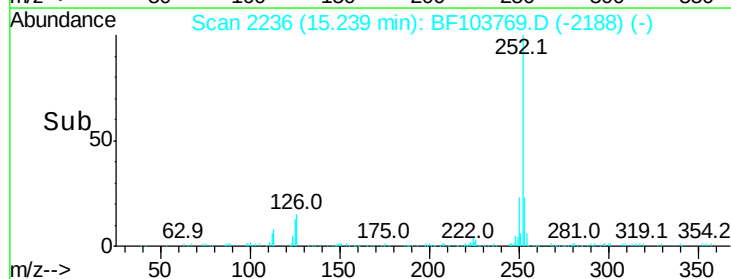
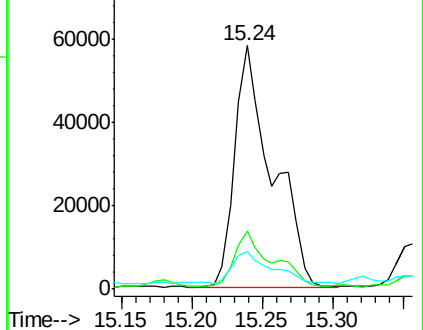
125 15.2 10.2 15.2

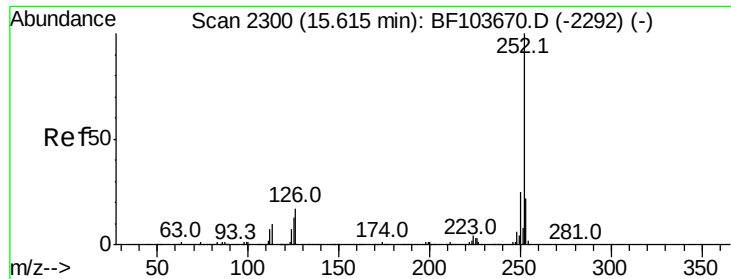


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.440 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

Instrument :

BNA_F

ClientSampleId :

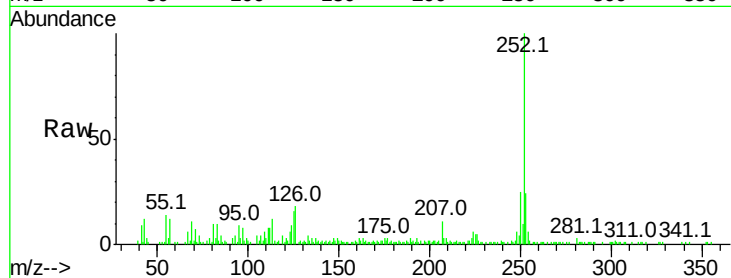
Tot Ion:252 Resp: 51544

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

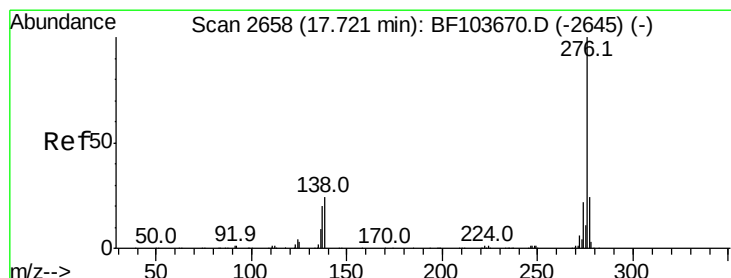
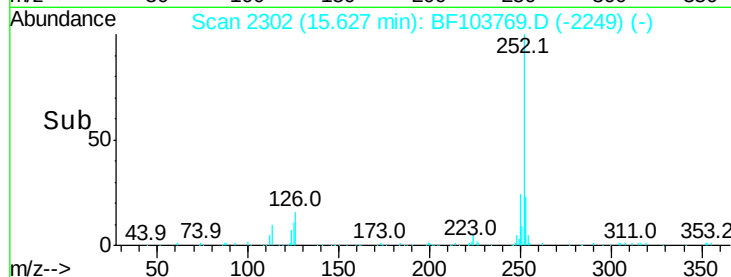
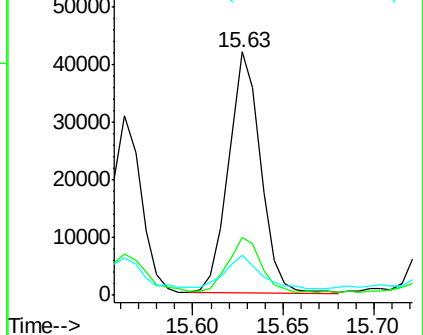
125 16.5 9.8 14.6#



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: 2.186 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.02 min

Lab File: BF103769.D

Acq: 19 Mar 2018 21:25

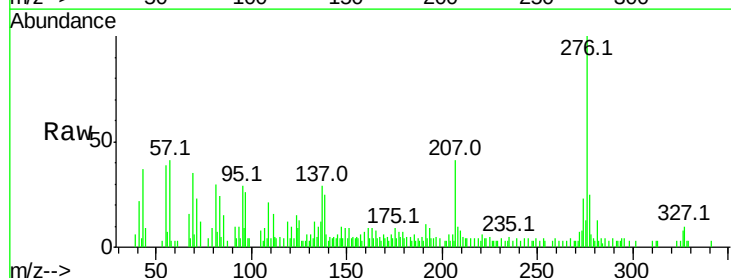
Tgt Ion:276 Resp: 27594

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 25.2 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

