

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103768.D
 Acq On : 19 Mar 2018 20:57
 Operator : JU/SJ
 Sample : J1972-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 00:57:59 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	176743	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	705193	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	320415	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	522305	20.00	ng	0.01
75) Chrysene-d12	14.16	240	342440	20.00	ng	0.00
86) Perylene-d12	15.70	264	307788	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1451920	124.95	ng	0.02
7) Phenol-d6	6.60	99	1774487	124.82	ng	0.02
23) Nitrobenzene-d5	7.54	82	1116096	110.37	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	393174	142.72	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1604088	79.86	ng	0.00
78) Terphenyl-d14	13.10	244	1245737	84.44	ng	0.01

Target Compounds

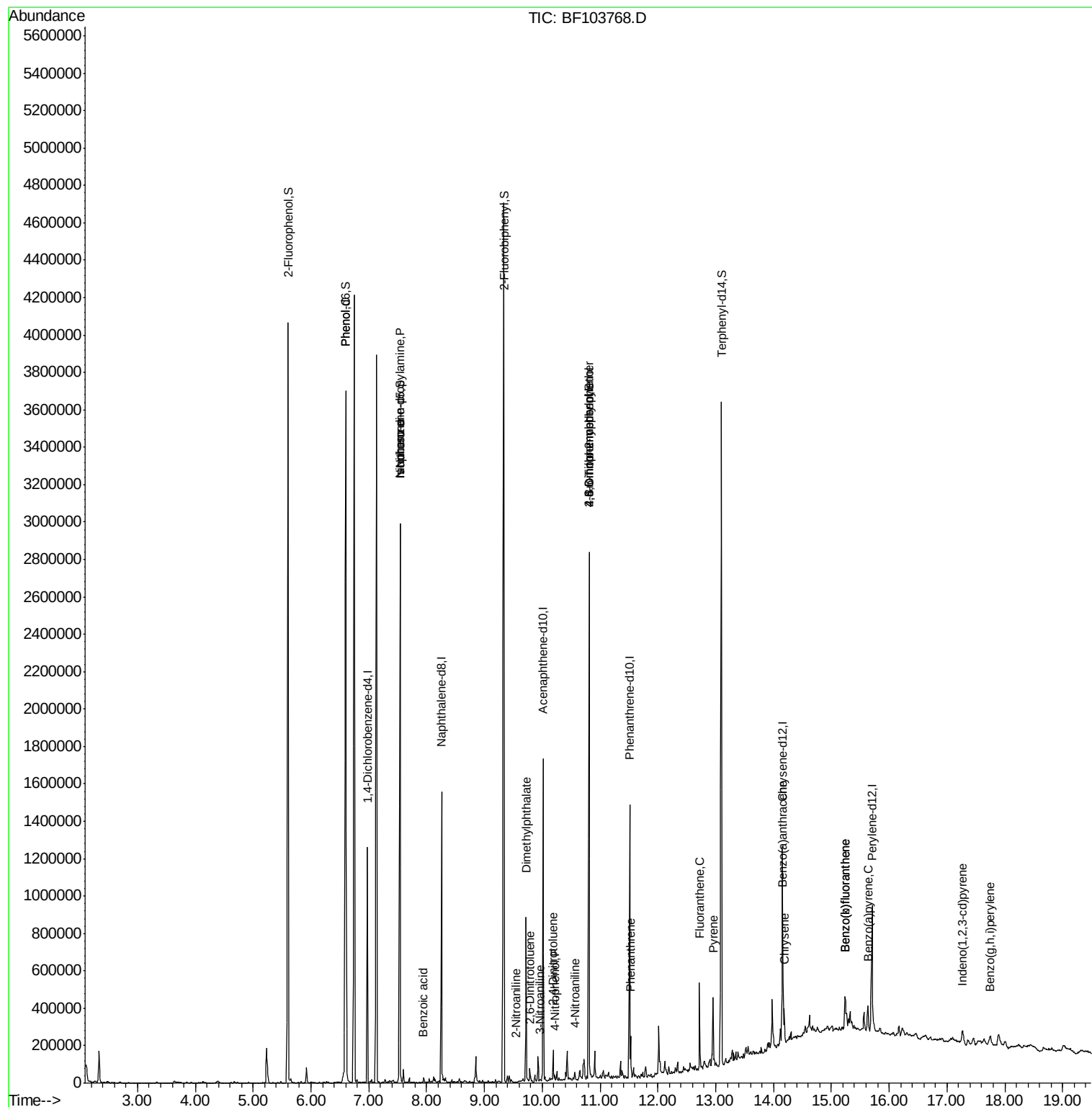
						Qvalue
10) Phenol	6.61	94	151967	10.060	ng	98
19) n-Nitroso-di-n-propylamine	7.54	70	145283	15.946	ng	# 74
25) Isophorone	7.54	82	1113829	47.580	ng	# 64
32) Benzoic acid	7.93	122	389	9.949	ng	# 77
47) 2-Nitroaniline	9.55	65	127	6.834	ng	# 2
49) Dimethylphthalate	9.72	163	335187	13.711	ng	99
50) 2,6-Dinitrotoluene	9.79	165	6409	5.227	ng	98
52) 3-Nitroaniline	9.96	138	607	3.913	ng	# 94
55) 4-Nitrophenol	10.22	139	1407	5.265	ng	# 22
56) 2,4-Dinitrotoluene	10.19	165	25079	9.858	ng	# 92
61) 4-Nitroaniline	10.56	138	749	3.876	ng	# 82
64) 4,6-Dinitro-2-methylphenol	10.81	198	585	8.452	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23705	4.420	ng	# 1
70) Phenanthrene	11.53	178	76592	2.681	ng	98
74) Fluoranthene	12.72	202	167374	5.686	ng	99
77) Pyrene	12.96	202	146856	5.840	ng	99
80) Benzo(a)anthracene	14.14	228	71484	3.298	ng	97
82) Chrysene	14.19	228	76328	3.694	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	42518	2.356	ng	95
87) Benzo(b)fluoranthene	15.24	252	134727	6.929	ng	# 93
88) Benzo(k)fluoranthene	15.24	252	134727	7.208	ng	# 96
89) Benzo(a)pyrene	15.63	252	66599	3.776	ng	# 94
91) Benzo(g,h,i)perylene	17.75	276	43484	2.927	ng	98

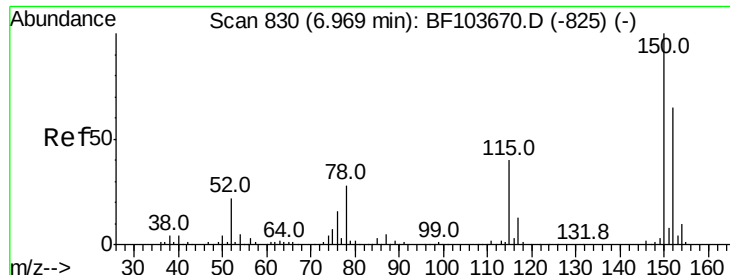
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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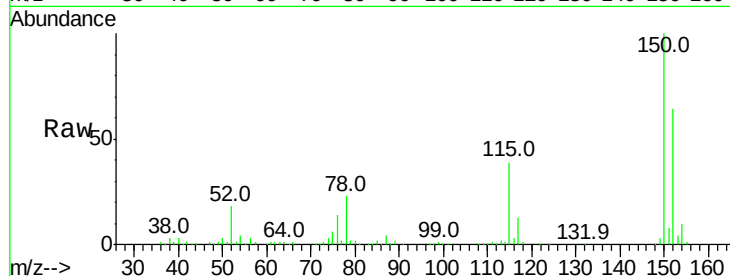


#1

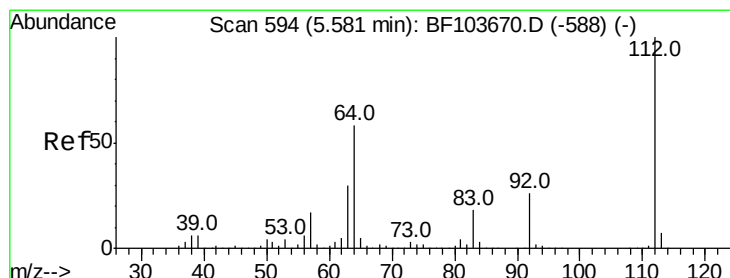
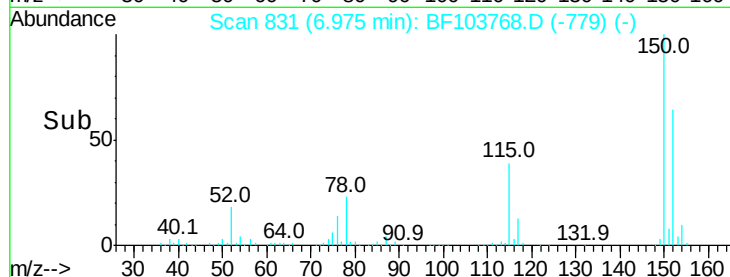
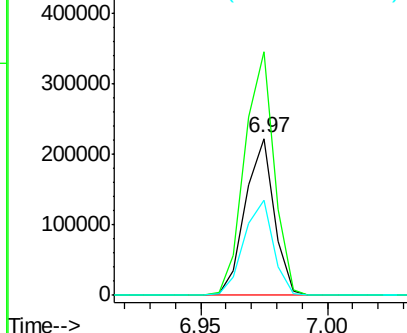
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176743
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.4 50.1 75.1



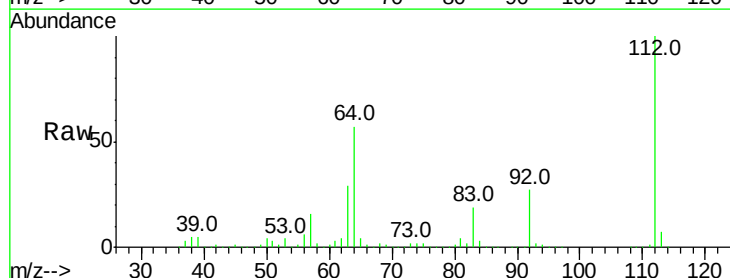
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



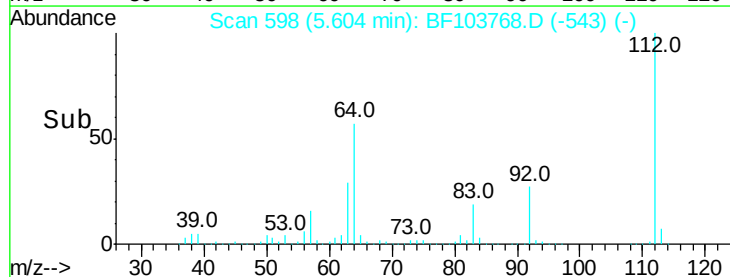
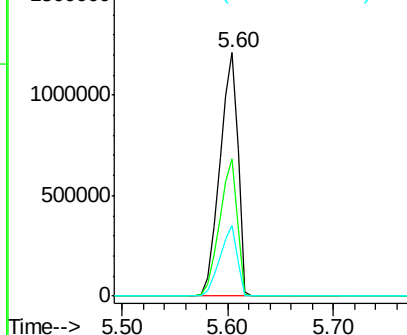
#5

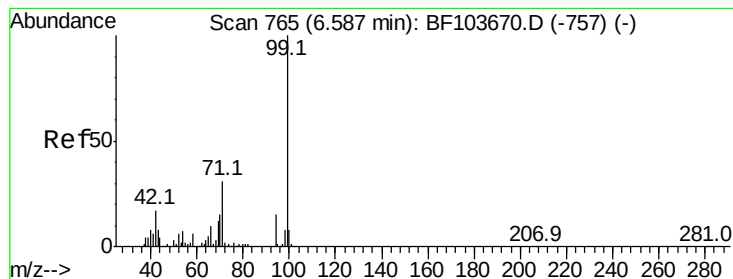
2-Fluorophenol
Concen: 124.948 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:112 Resp: 1451920
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.9 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: 124.819 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

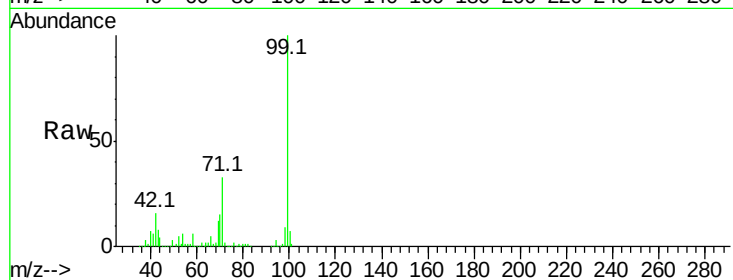
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1774487

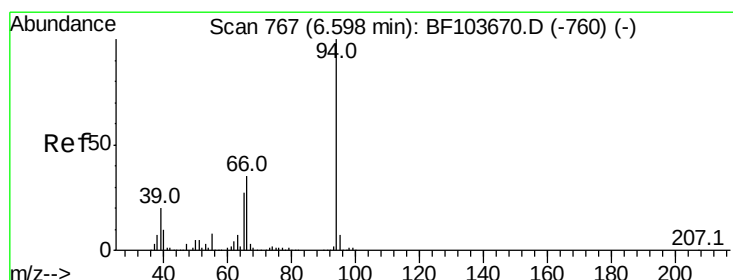
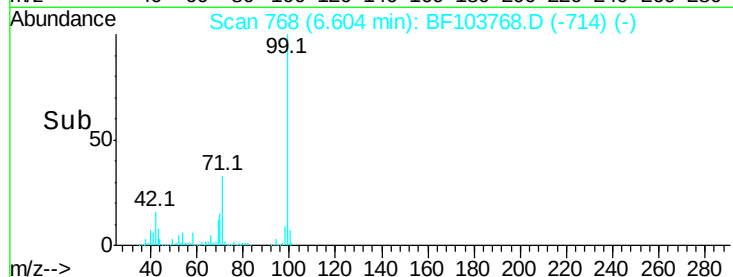
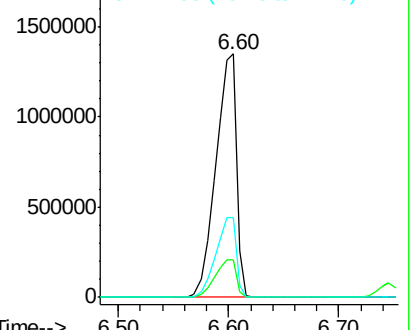
Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.7	25.4	38.0



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: 10.060 ng

RT: 6.61 min Scan# 769

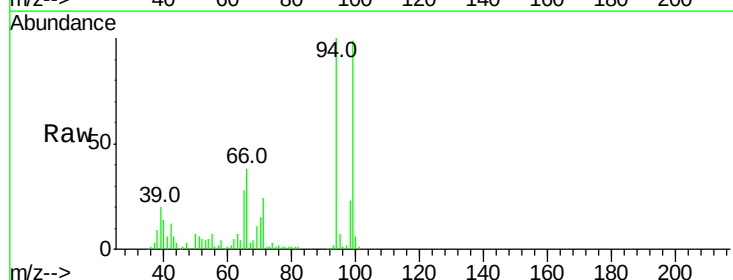
Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Tgt Ion: 94 Resp: 151967

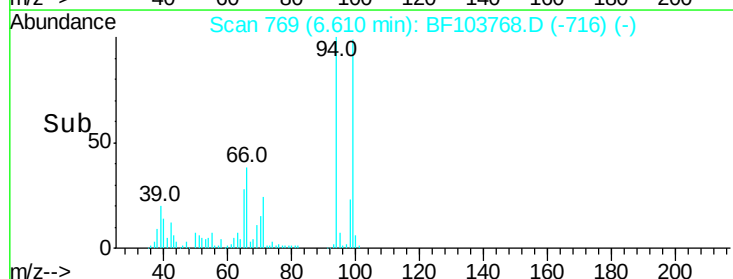
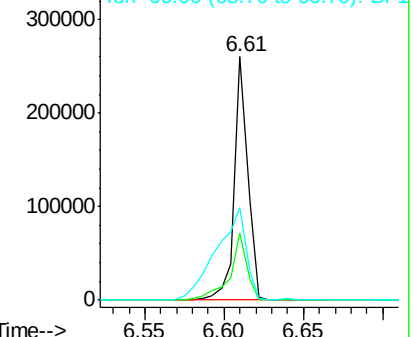
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	38.1	16.2	56.2

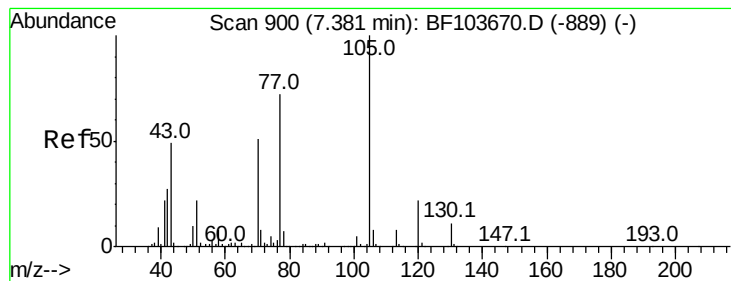


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.946 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.16 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 145283

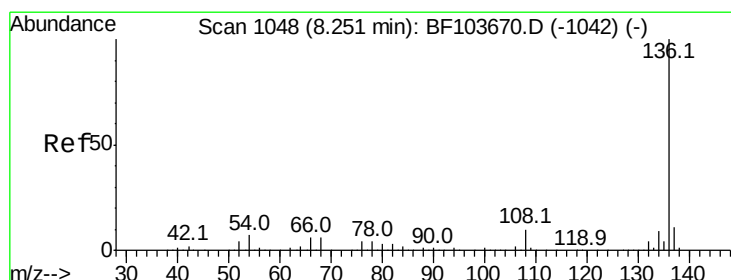
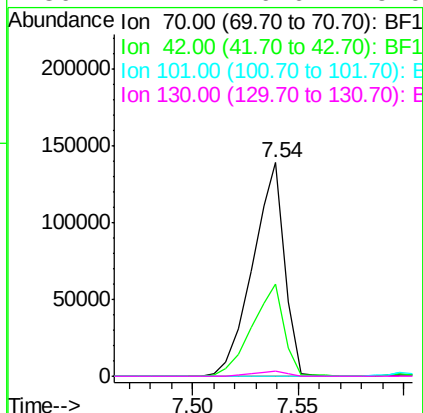
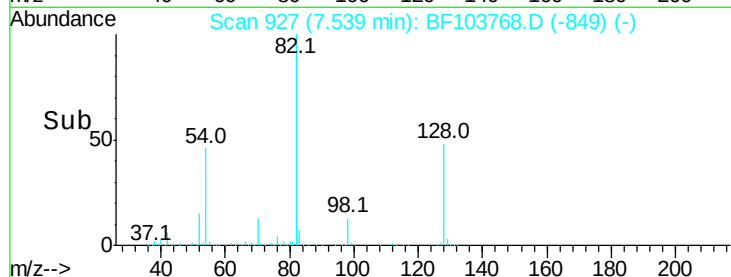
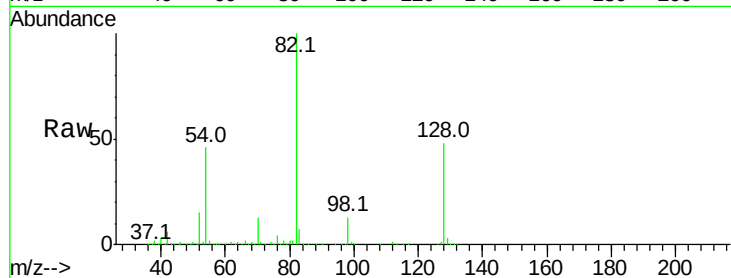
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Tgt Ion: 136 Resp: 705193

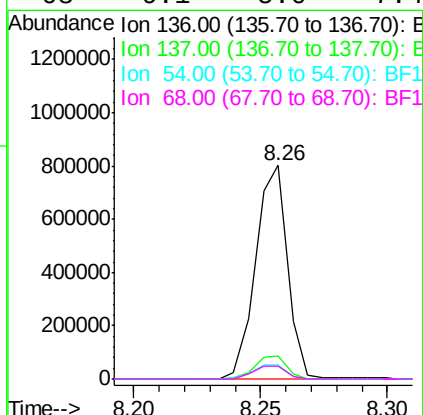
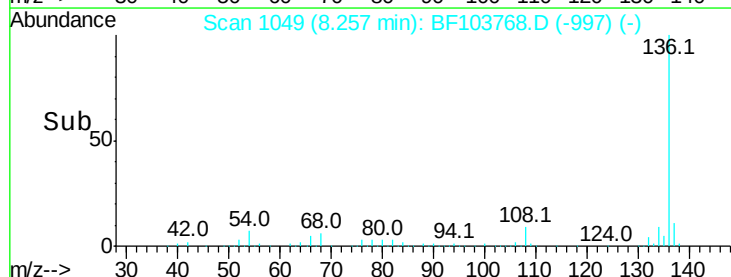
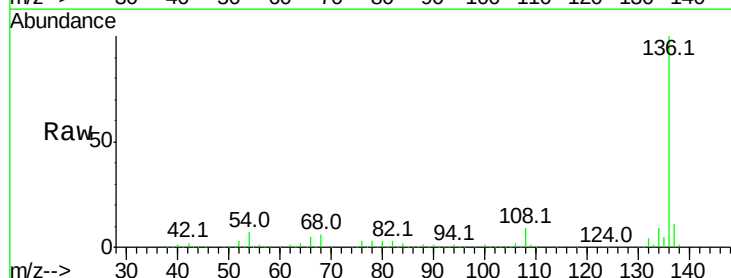
Ion Ratio Lower Upper

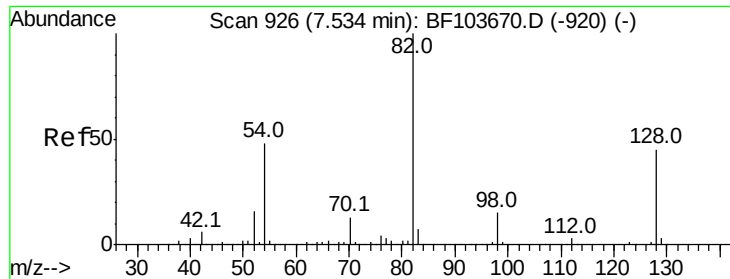
136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8#

68 6.1 5.0 7.4



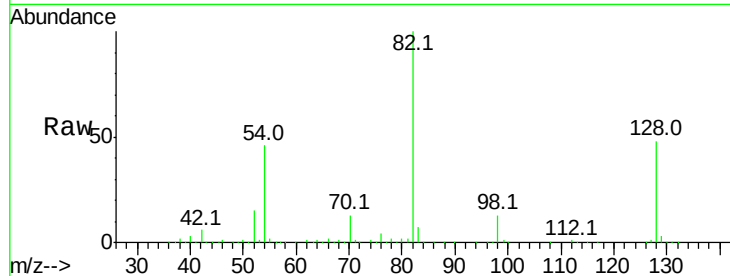


#23
 Nitrobenzene-d5
 Concen: 110.370 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

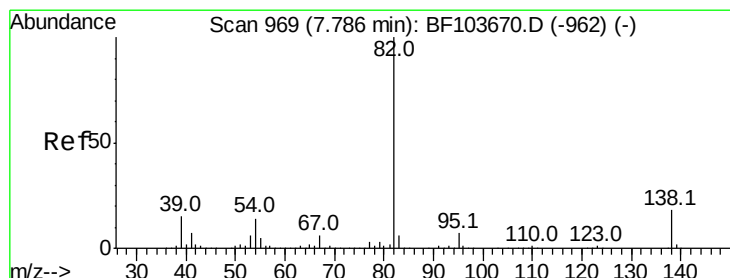
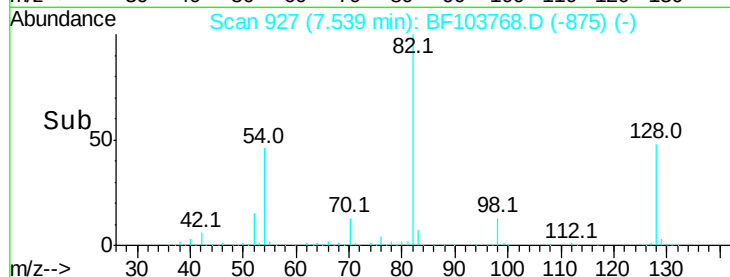
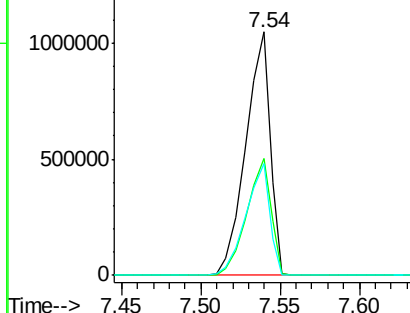
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1116096

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	45.7	41.4	62.2



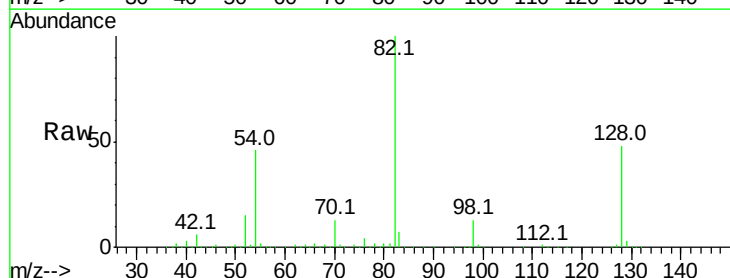
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



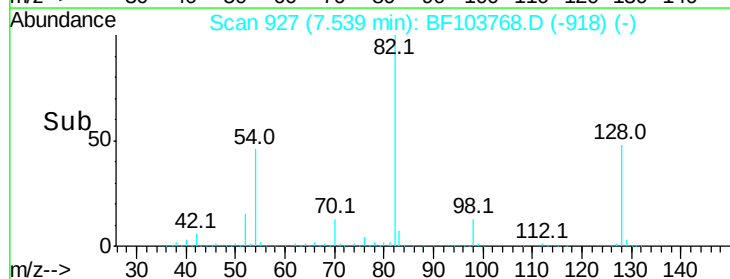
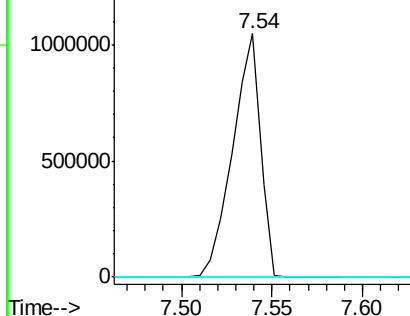
#25
 Isophorone
 Concen: 47.580 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.25 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

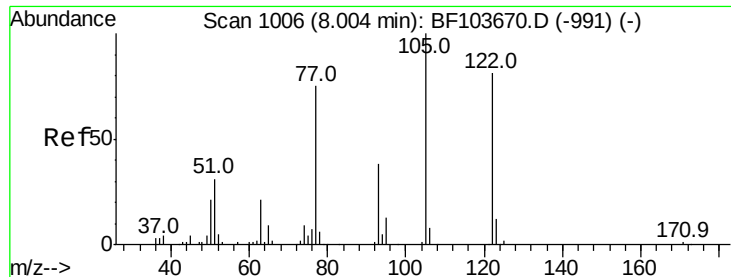
Tgt Ion: 82 Resp: 1113829

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: 9.949 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.07 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Instrument :

BNA_F

ClientSampleId :

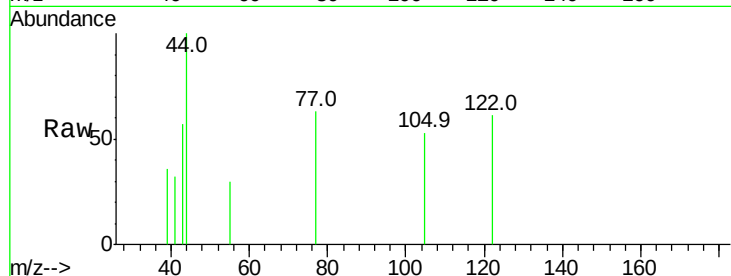
Tot Ion:122 Resp: 389

Ion Ratio Lower Upper

122 100

105 86.4 101.1 141.1#

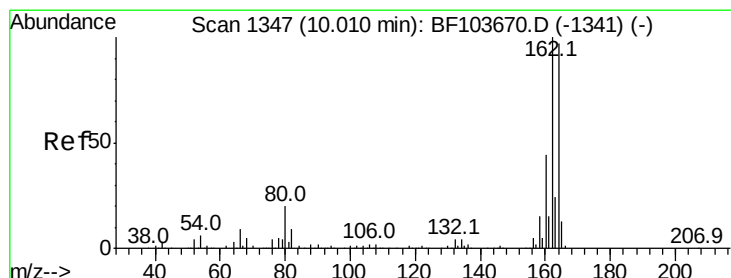
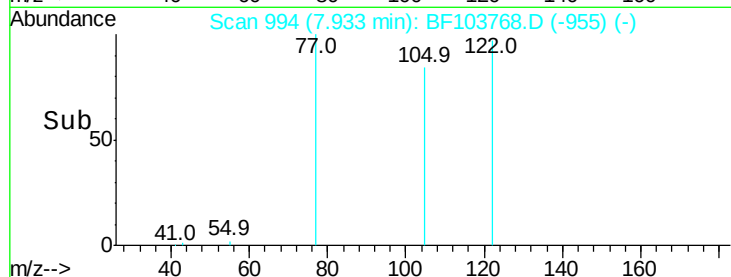
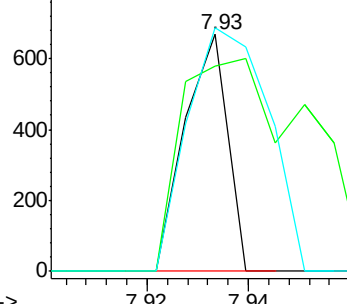
77 102.7 70.7 110.7



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: BF103768.D

Acq: 19 Mar 2018 20:57

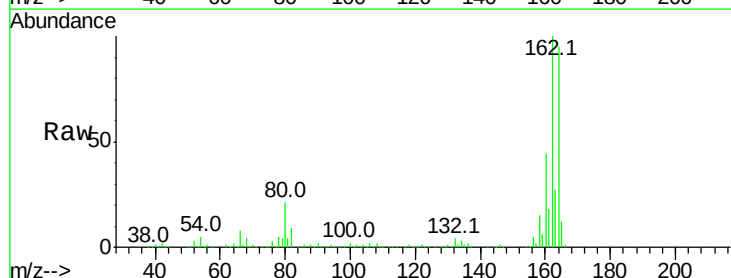
Tgt Ion:164 Resp: 320415

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

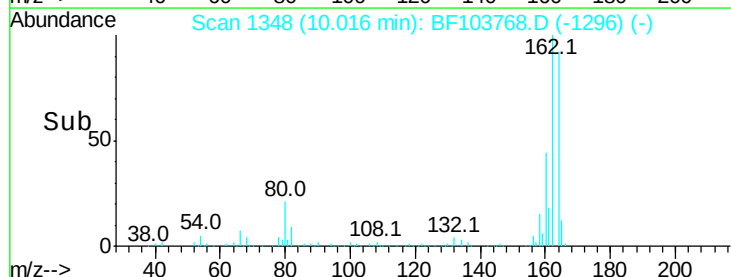
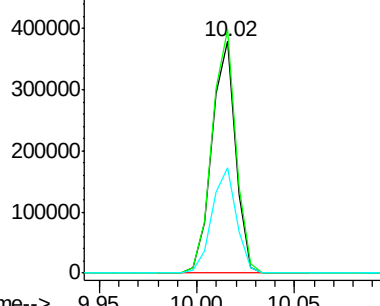
160 45.7 38.3 57.5

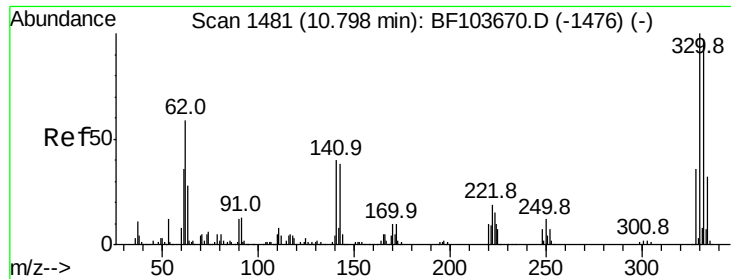


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

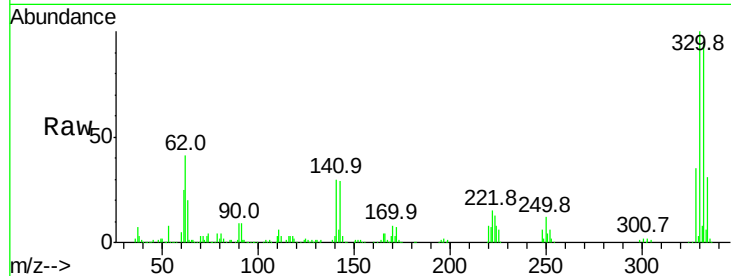




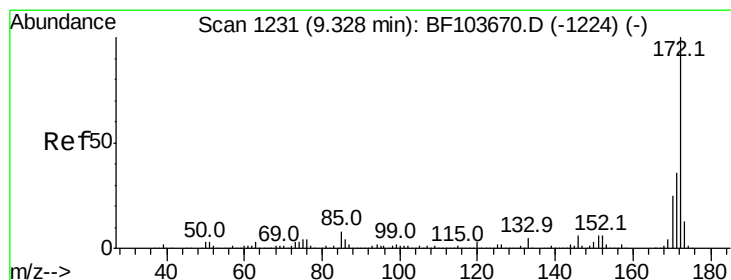
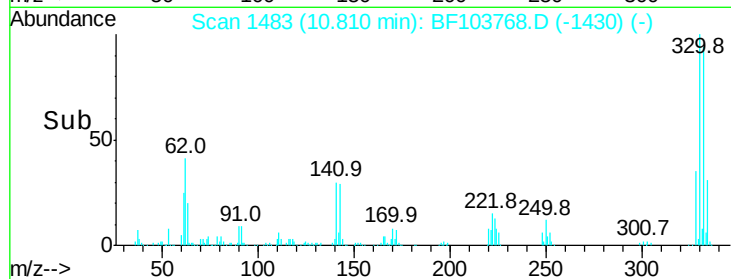
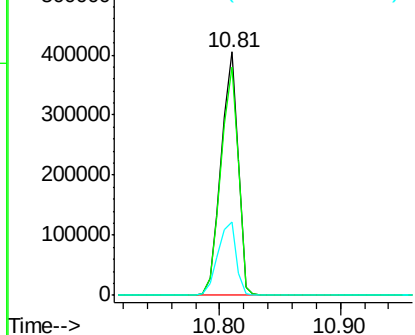
#41
 2,4,6-Tribromophenol
 Concen: 142.716 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 393174
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.3 29.9 44.9

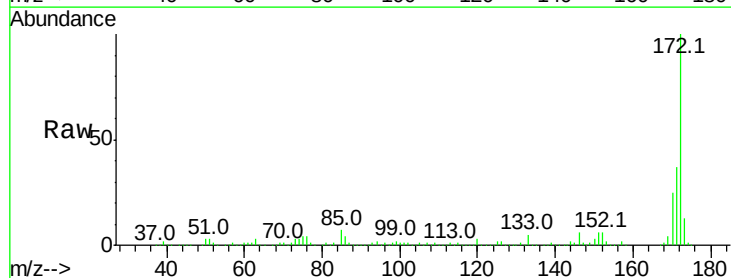


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

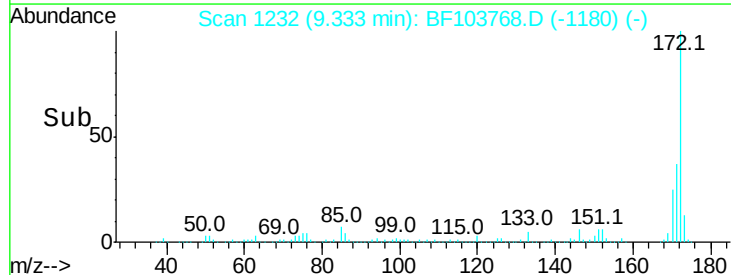
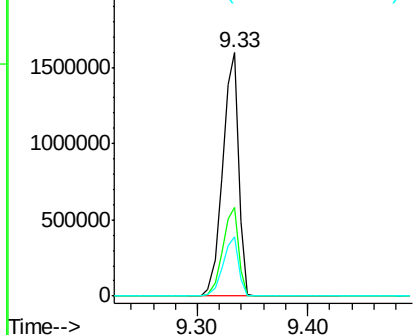


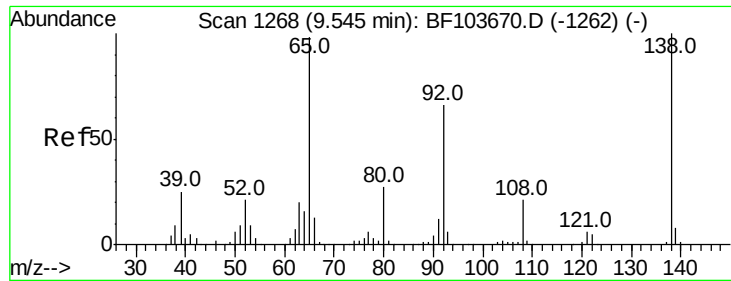
#44
 2-Fluorobiphenyl
 Concen: 79.858 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Tgt Ion:172 Resp: 1604088
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 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

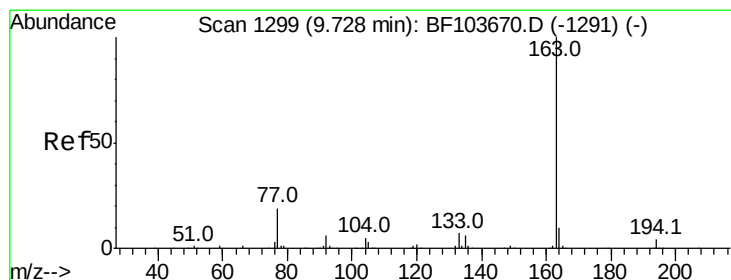
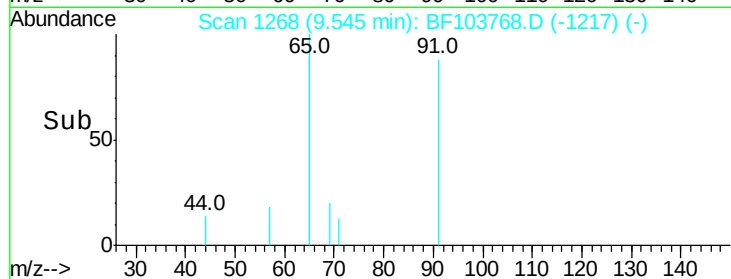
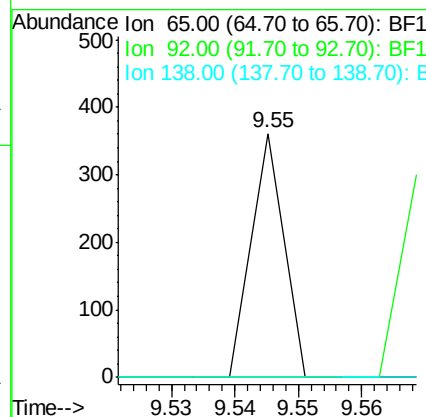
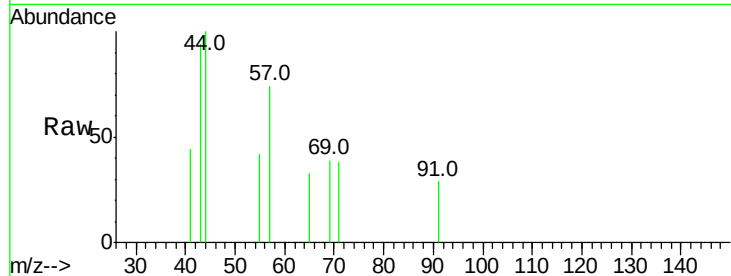




#47
 2-Nitroaniline
 Concen: 6.834 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

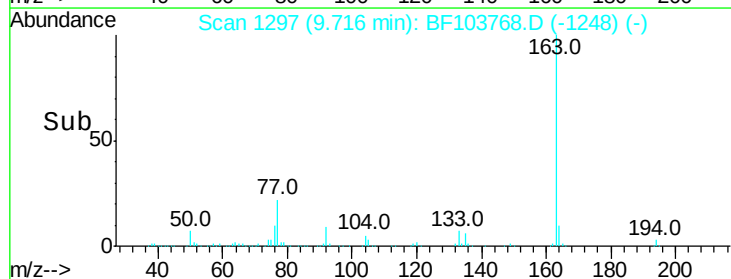
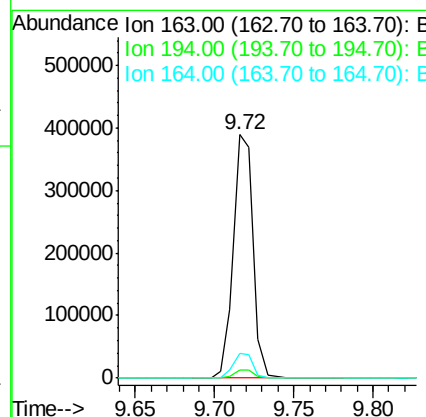
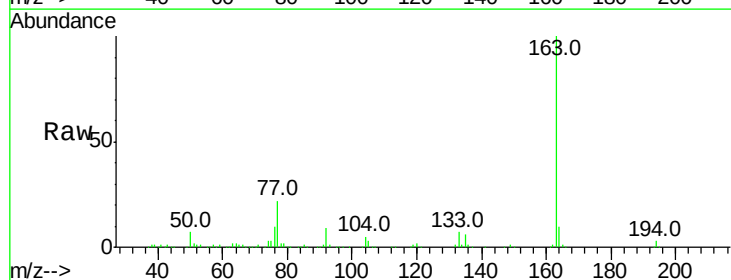
Instrument :
 BNA_F
 ClientSampleId :

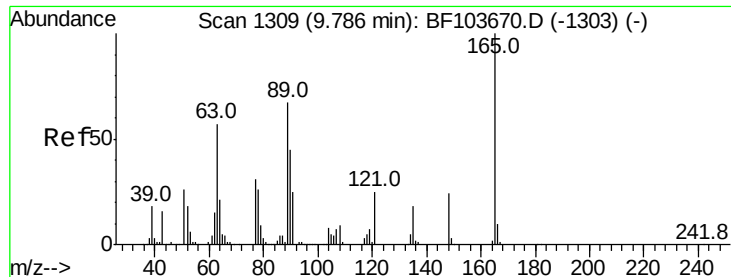
Tot Ion: 65 Resp: 127
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



#49
 Dimethylphthalate
 Concen: 13.711 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Tgt Ion:163 Resp: 335187
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.4 8.2 12.2

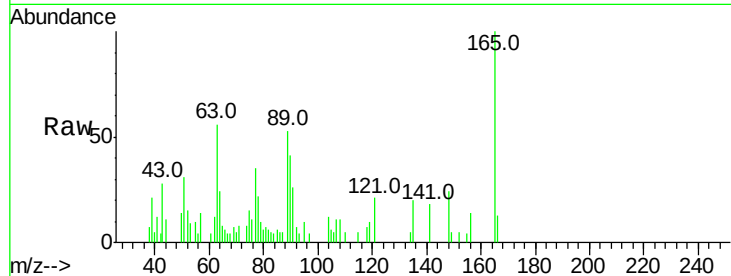




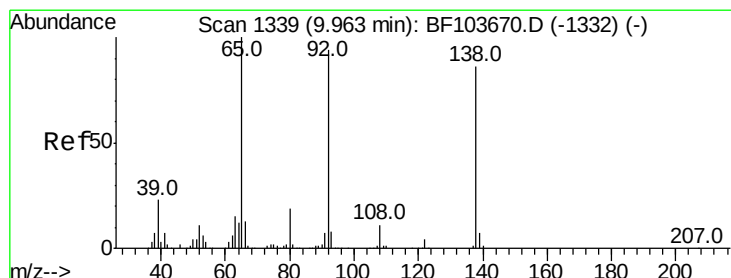
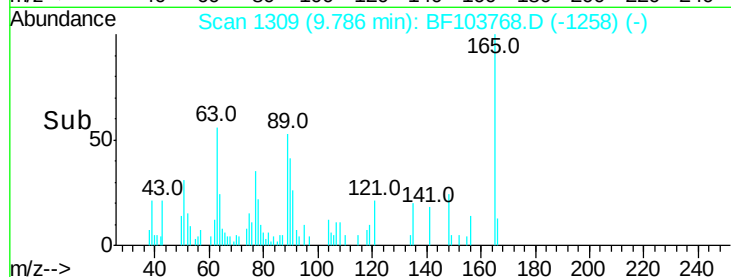
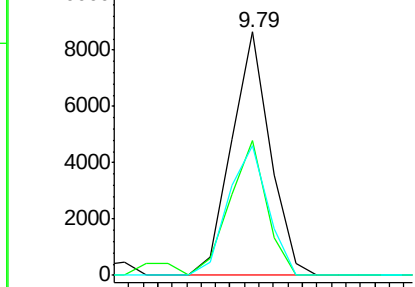
#50
 2,6-Dinitrotoluene
 Concen: 5.227 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 6409
 Ion Ratio Lower Upper
 165 100
 63 55.5 44.7 67.1
 89 53.1 44.0 66.0

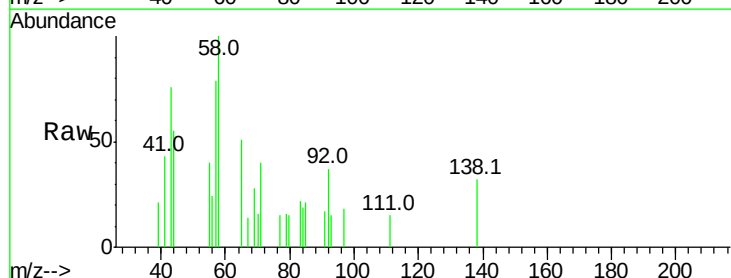


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

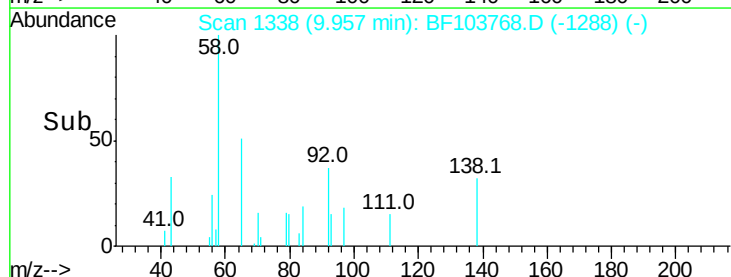
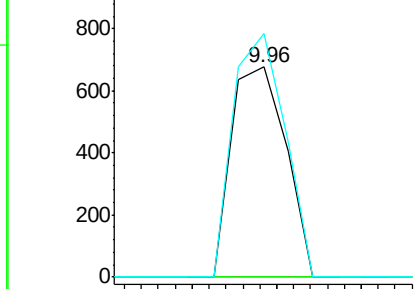


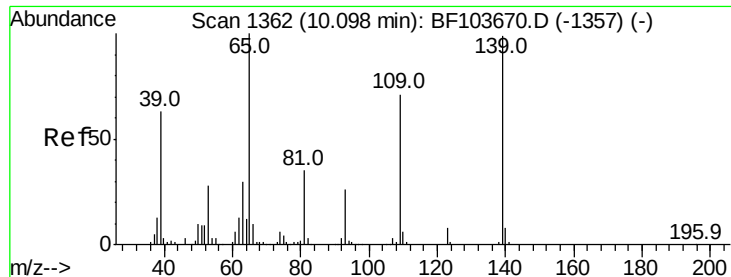
#52
 3-Nitroaniline
 Concen: 3.913 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Tgt Ion:138 Resp: 607
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.4 14.0#
 92 115.8 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

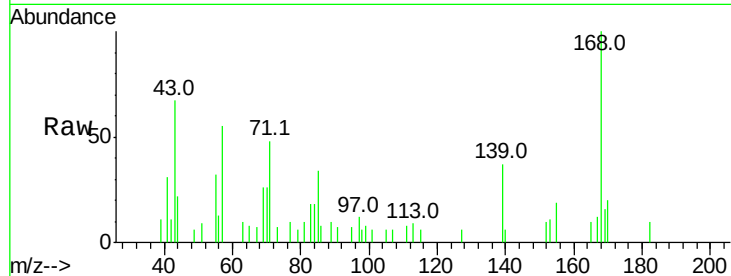




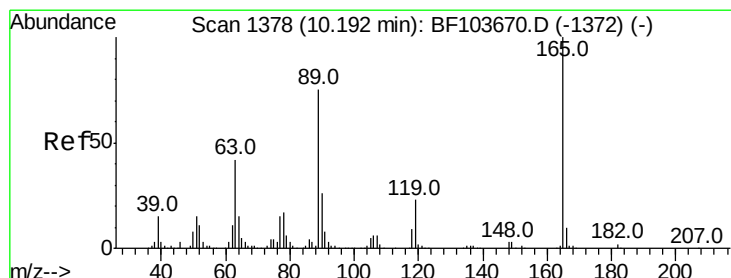
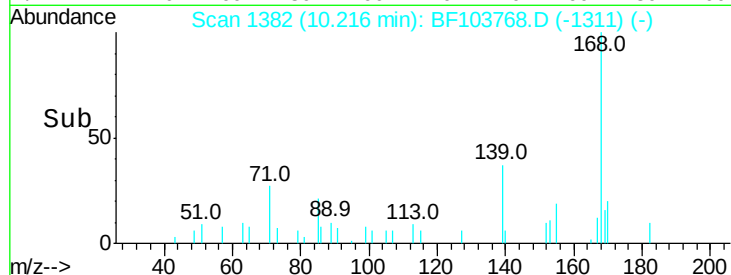
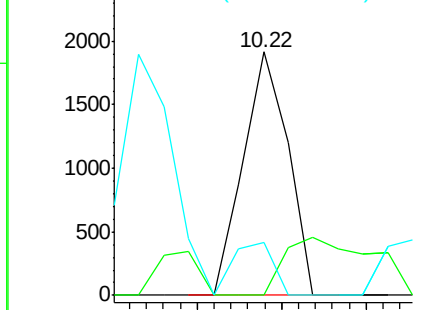
#55
4-Nitrophenol
Concen: 5.265 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 1407
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 21.9 72.6 112.6#

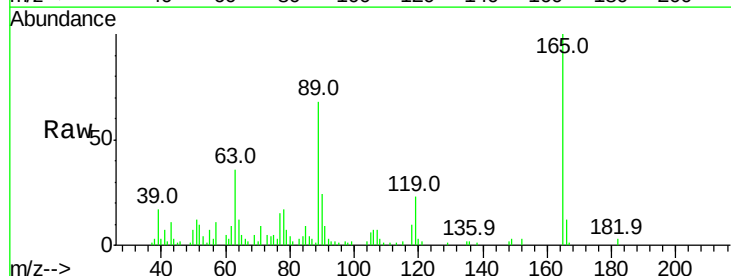


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

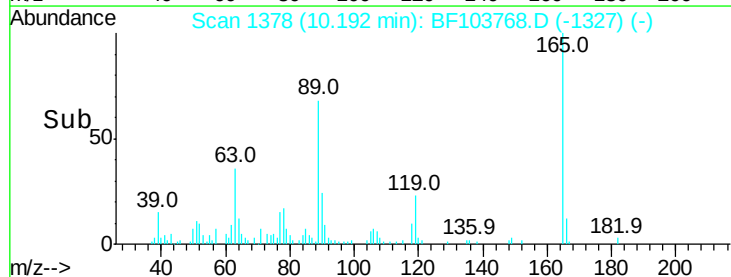
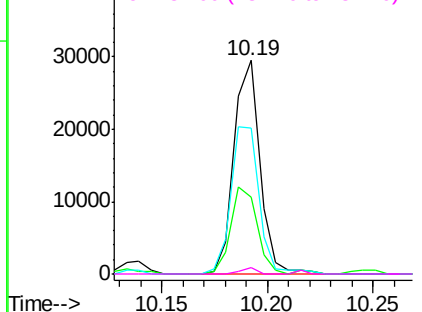


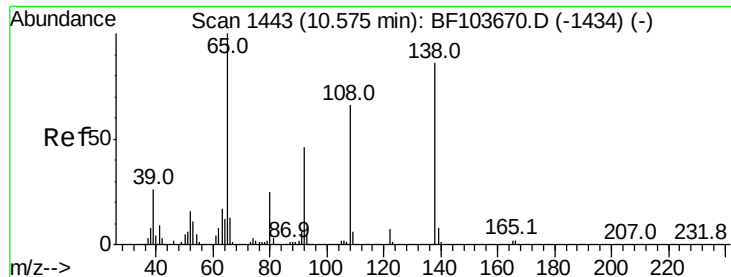
#56
2,4-Dinitrotoluene
Concen: 9.858 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:165 Resp: 25079
Ion Ratio Lower Upper
165 100
63 35.9 36.4 54.6#
89 68.3 57.8 86.6
182 3.3 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

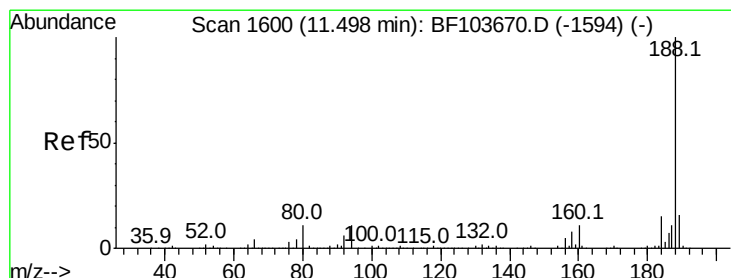
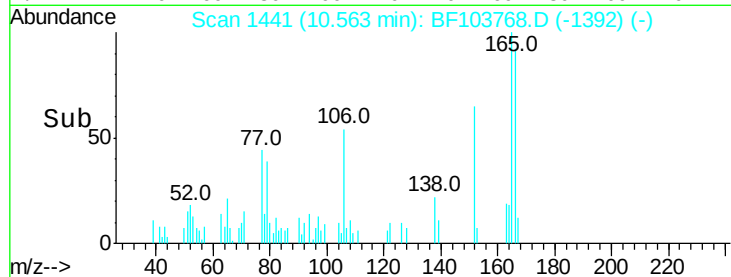
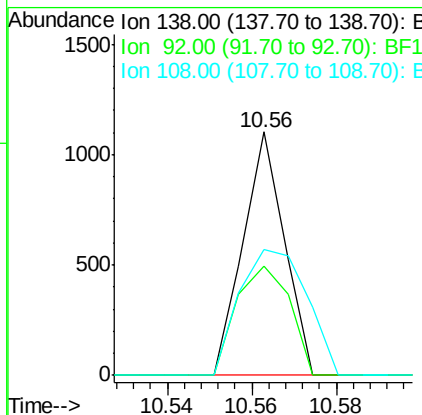
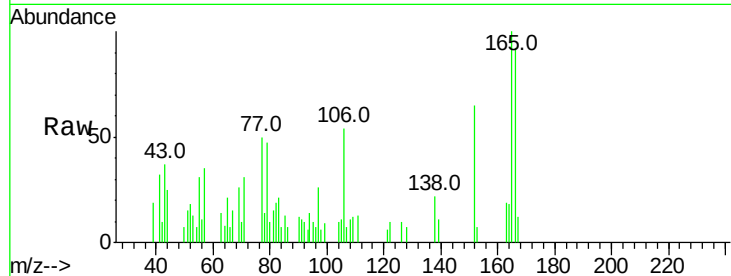




#61
4-Nitroaniline
Concen: 3.876 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

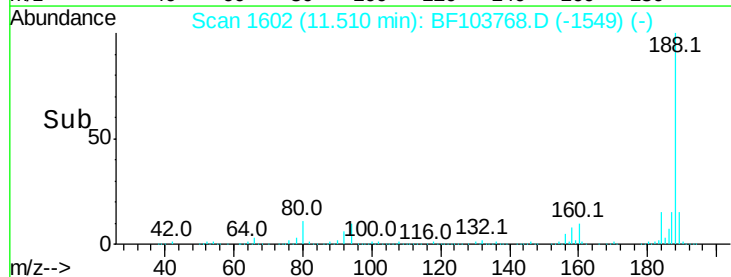
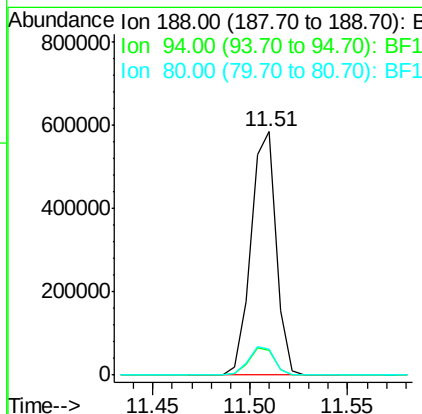
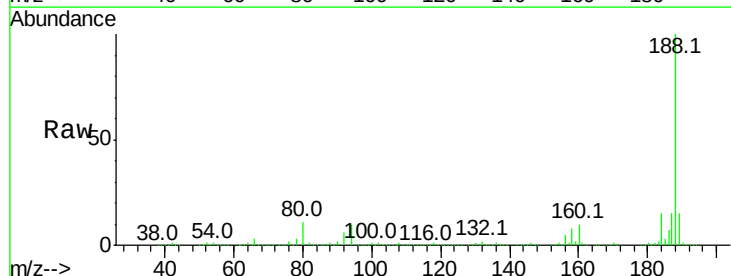
Instrument :
BNA_F
ClientSampled :

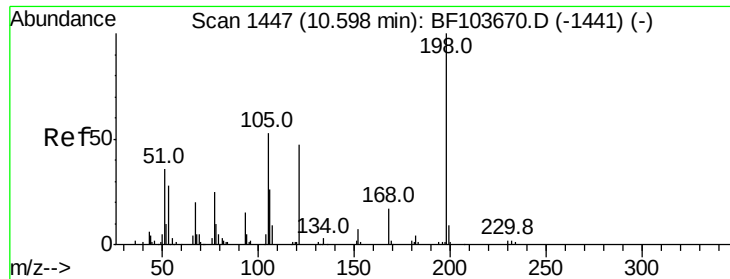
Tot Ion:138 Resp: 749
Ion Ratio Lower Upper
138 100
92 44.8 30.2 70.2
108 51.9 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:188 Resp: 522305
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.452 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.21 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Instrument :

BNA_F

ClientSampleId :

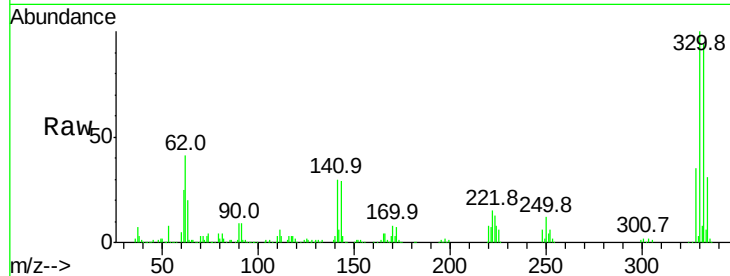
Tot Ion:198 Resp: 585

Ion Ratio Lower Upper

198 100

51 152.0 37.7 77.7#

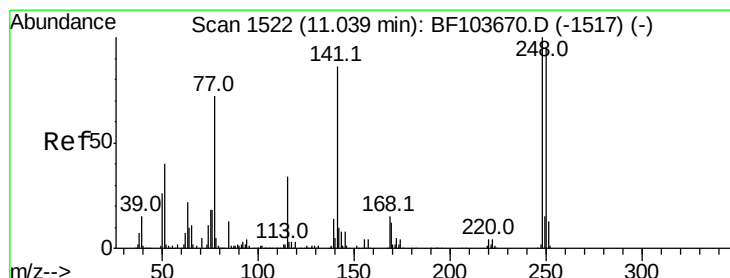
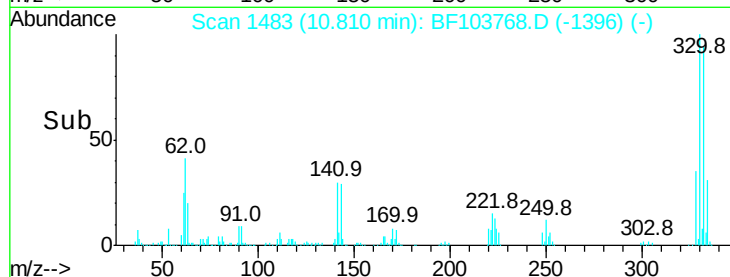
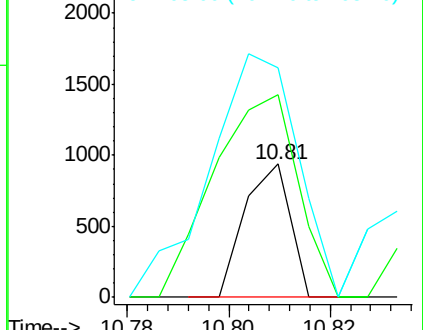
105 172.0 36.3 76.3#



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: 4.420 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.23 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

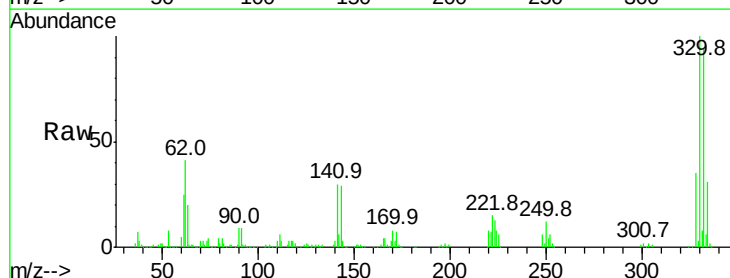
Tgt Ion:248 Resp: 23705

Ion Ratio Lower Upper

248 100

250 199.1 76.9 115.3#

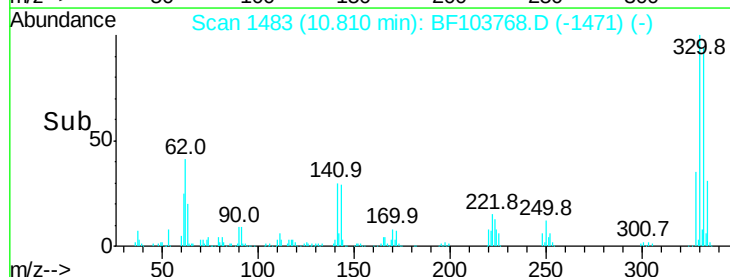
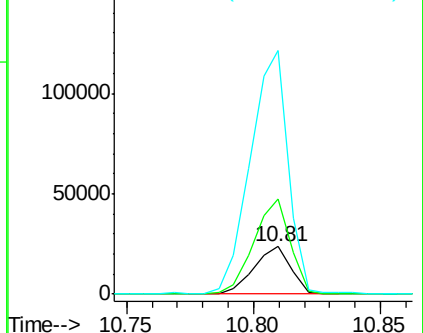
141 512.2 74.4 111.6#

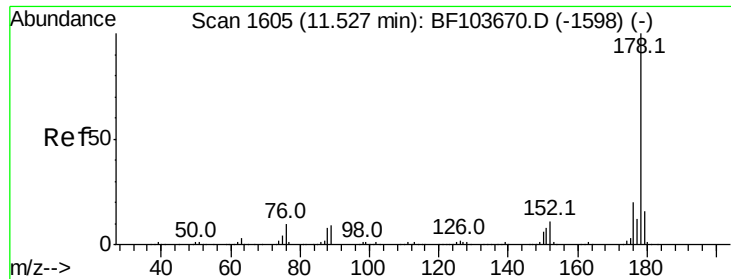


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

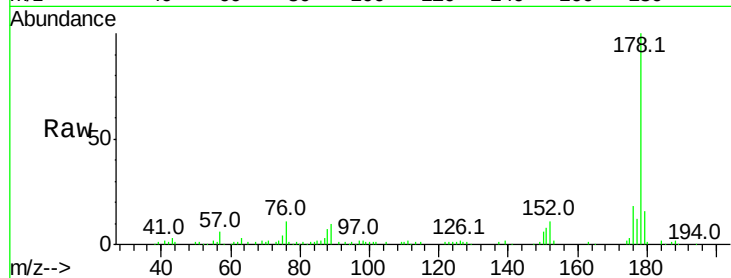




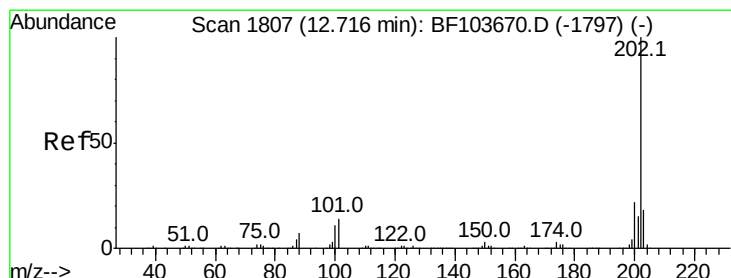
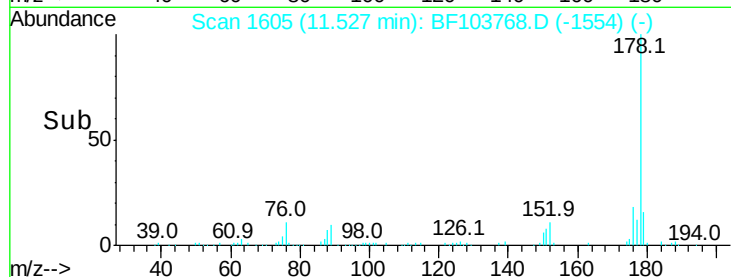
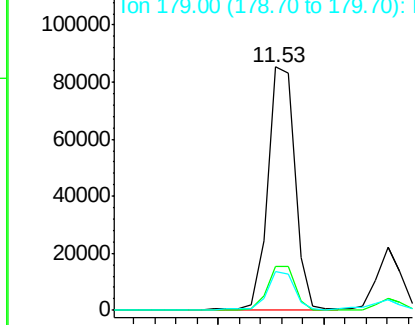
#70
Phenanthrene
Concen: 2.681 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 76592
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 16.0 13.0 19.6

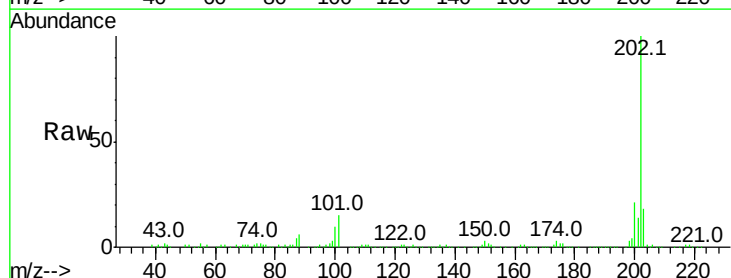


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

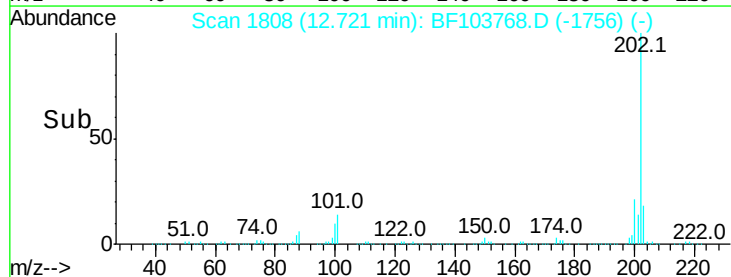
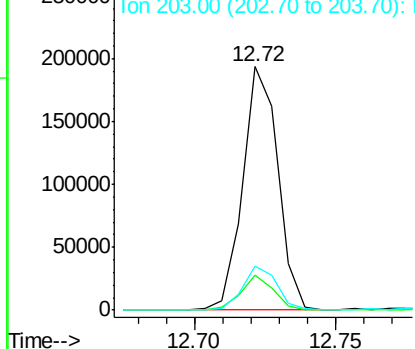


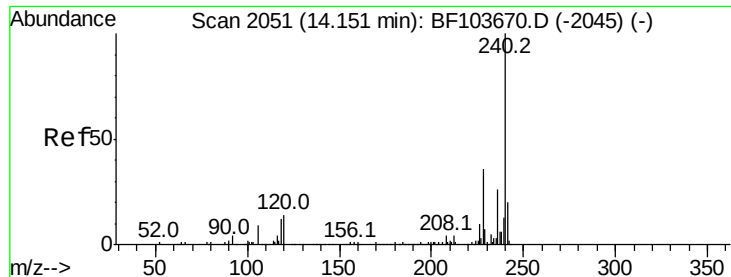
#74
Fluoranthene
Concen: 5.686 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:202 Resp: 167374
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Instrument :

BNA_F

ClientSampleId :

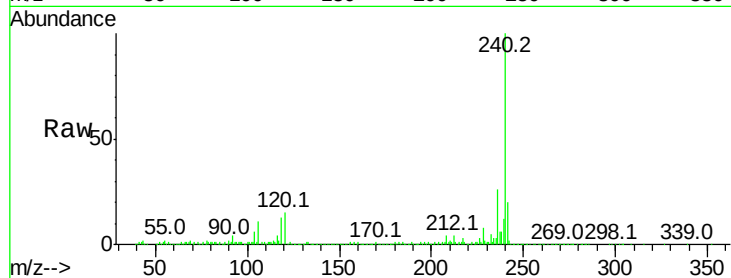
Tot Ion:240 Resp: 342440

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

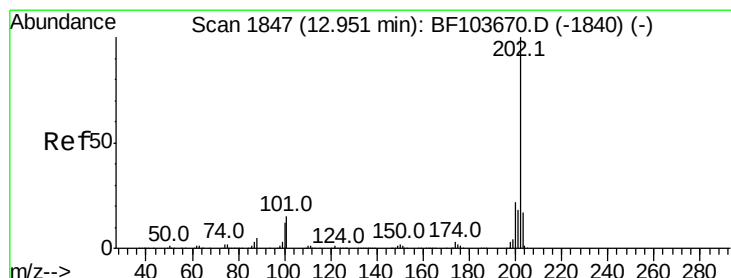
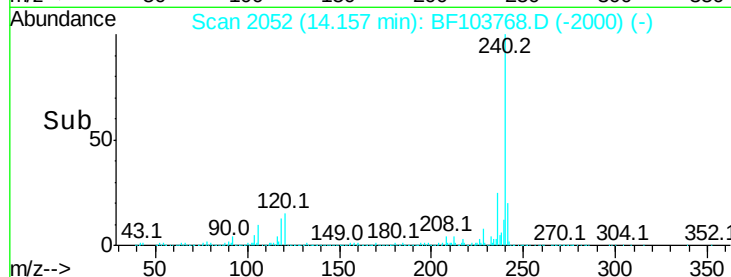
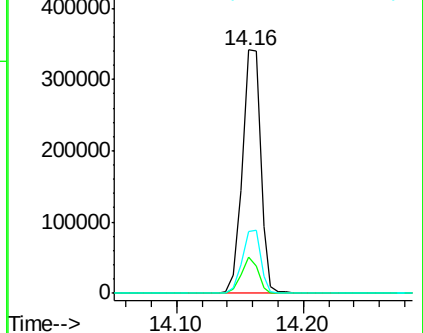
236 25.6 20.7 31.1



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: 5.840 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

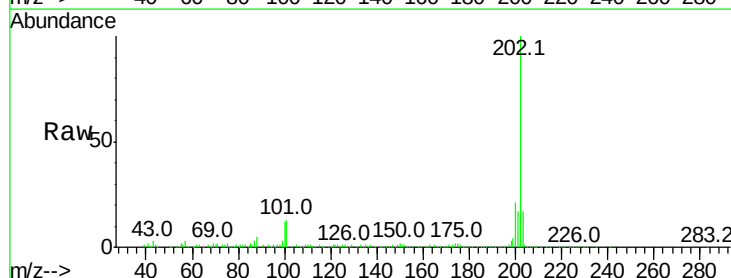
Tgt Ion:202 Resp: 146856

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

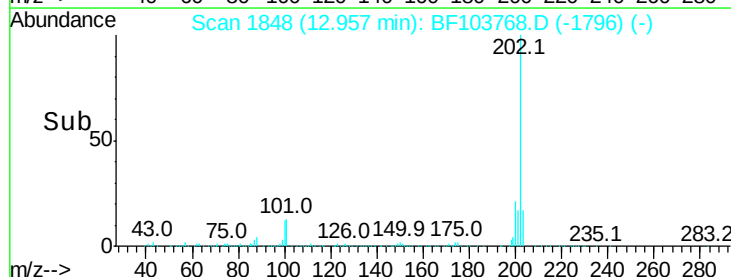
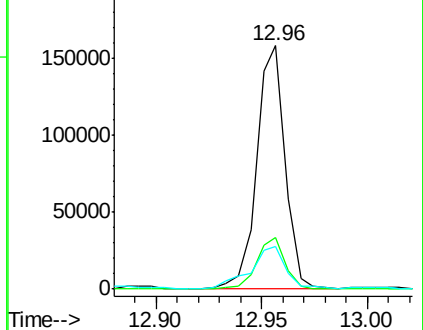
203 17.4 14.3 21.5

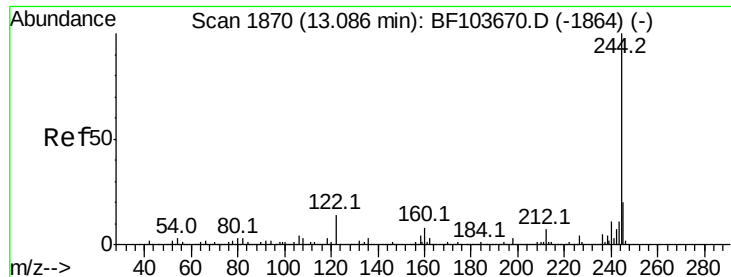


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.439 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

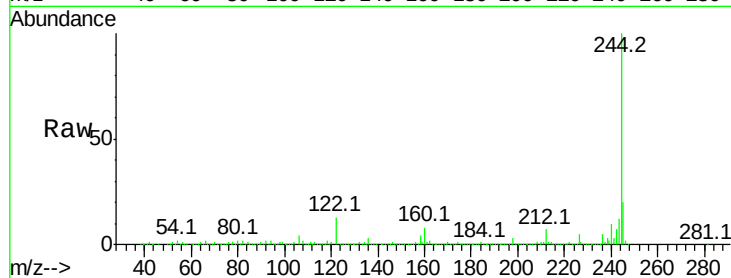
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1245737

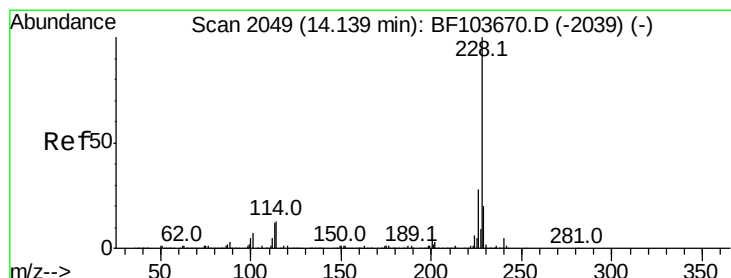
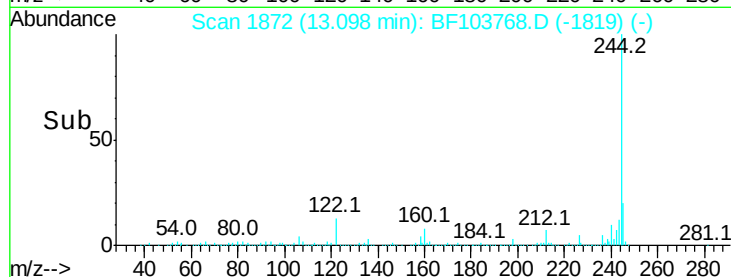
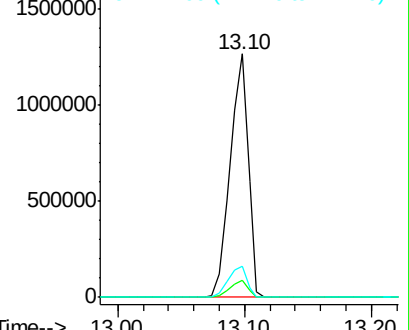
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.7	11.0	16.4



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: 3.298 ng

RT: 14.14 min Scan# 2050

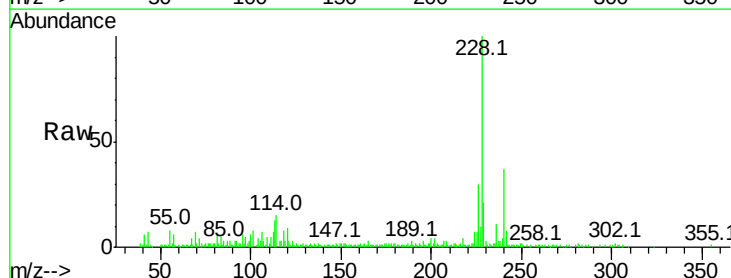
Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Tgt Ion:228 Resp: 71484

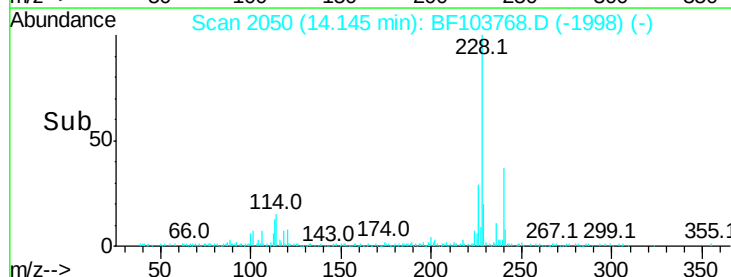
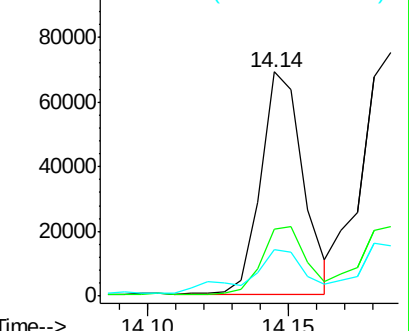
Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.9	15.8	23.6

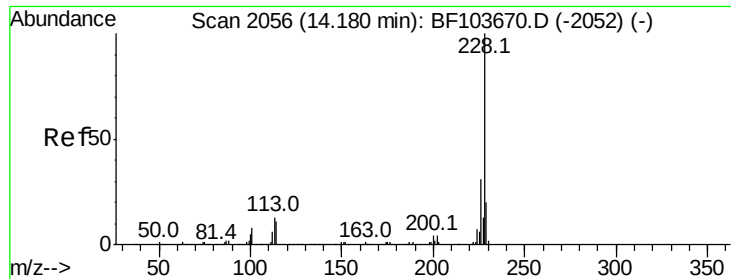


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.694 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

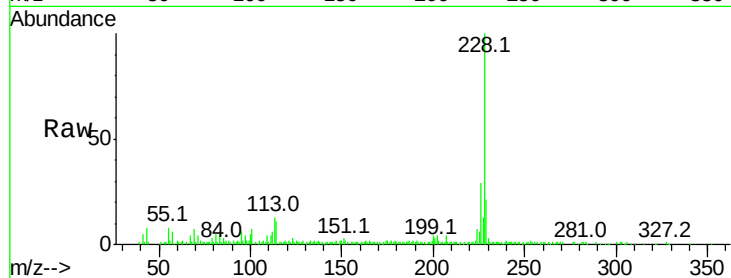
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 76328

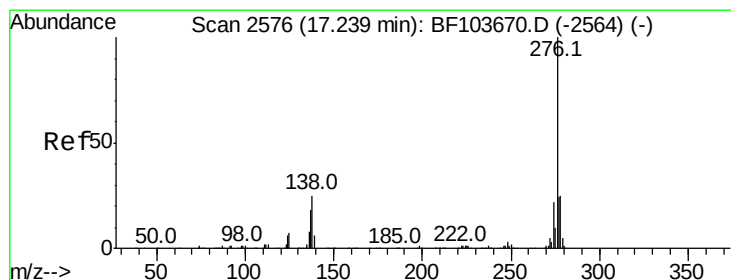
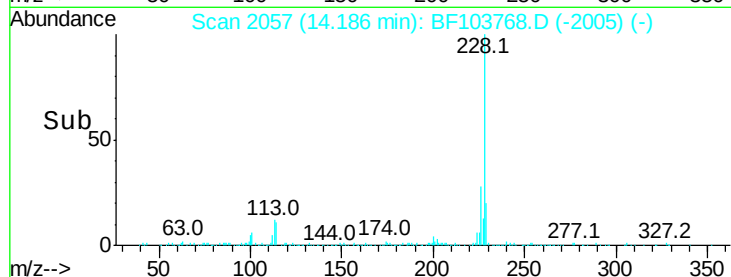
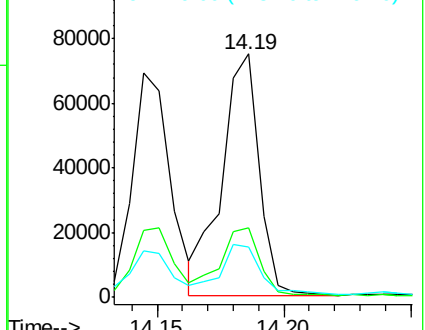
Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	20.8	16.2	24.4



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: 2.356 ng

RT: 17.27 min Scan# 2581

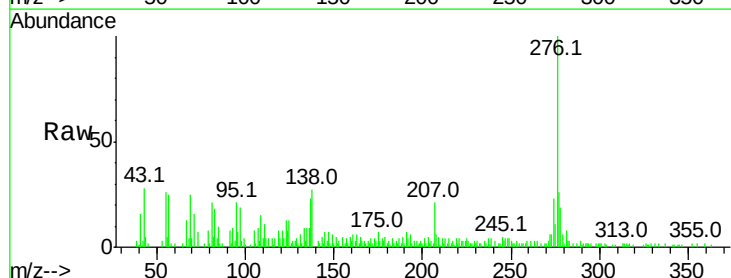
Delta R.T. 0.03 min

Lab File: BF103768.D

Acq: 19 Mar 2018 20:57

Tgt Ion:276 Resp: 42518

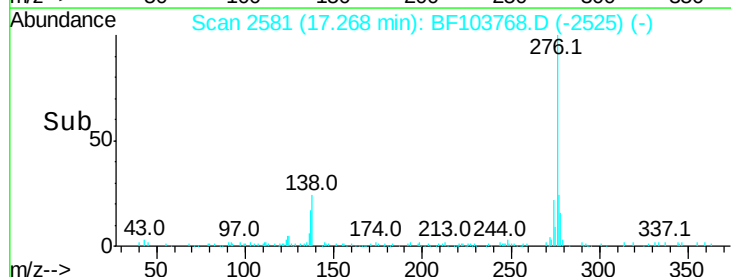
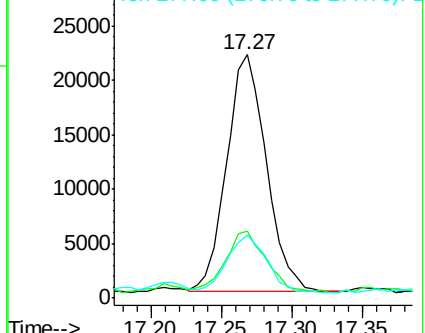
Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	24.6	20.1	30.1

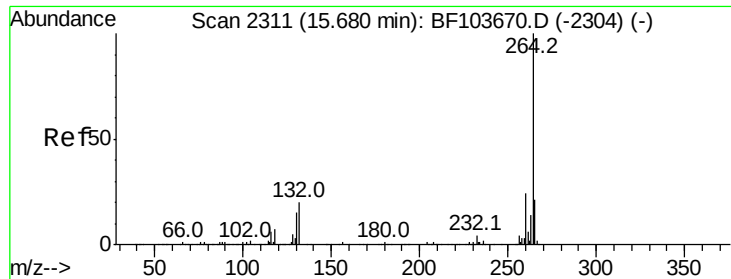


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

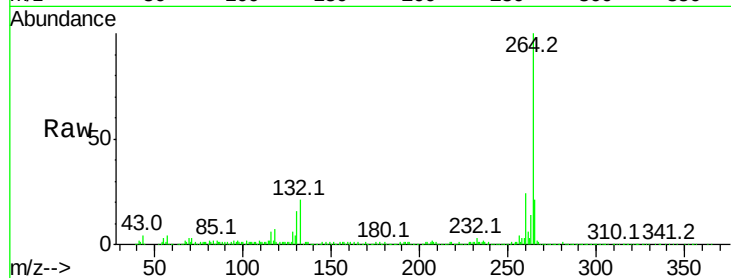




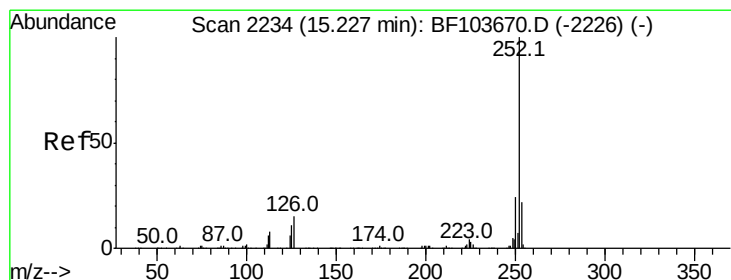
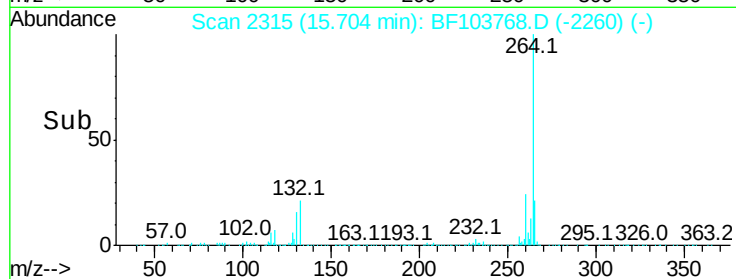
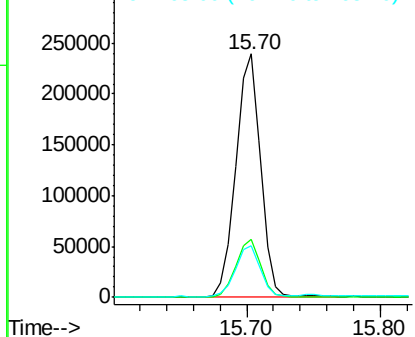
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 307788
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 17.5 26.3

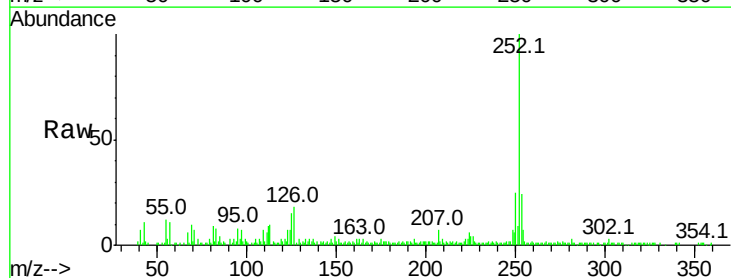


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

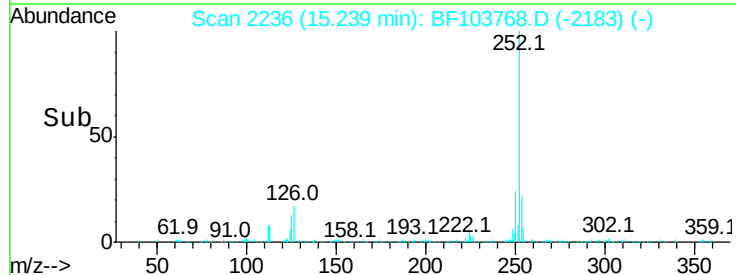
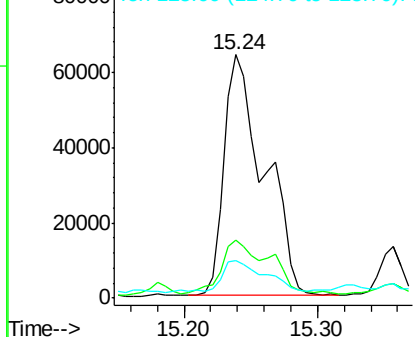


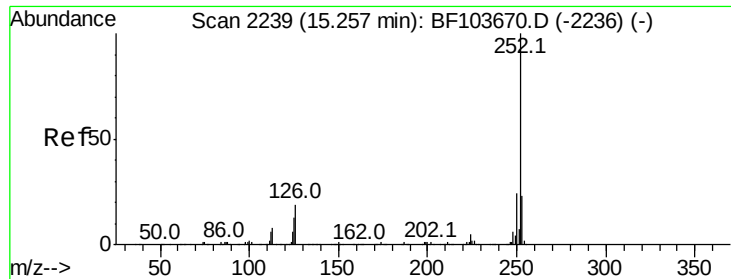
#87
Benzo(b)fluoranthene
Concen: 6.929 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:252 Resp: 134727
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 15.4 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

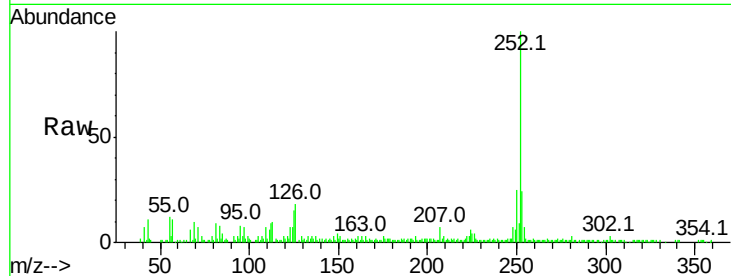




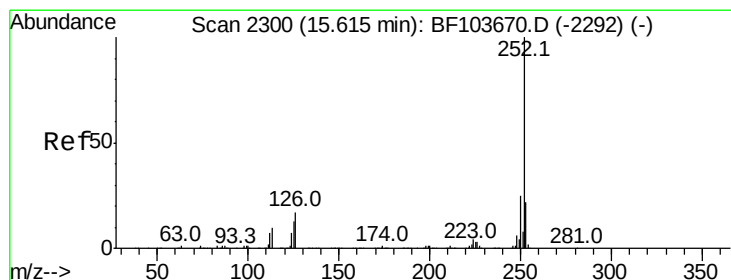
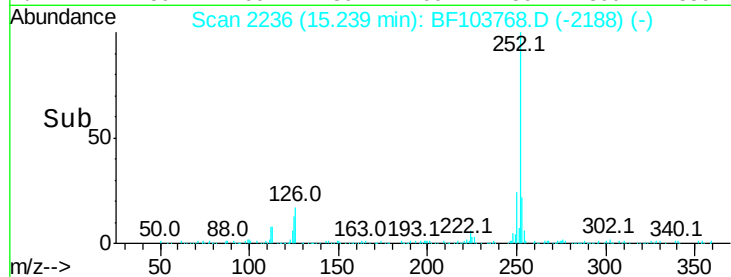
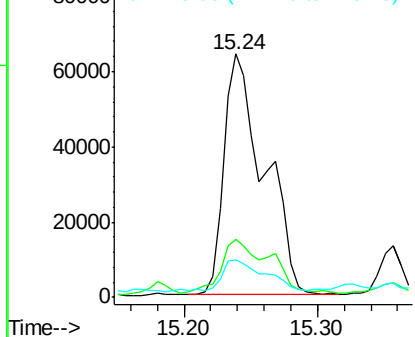
#88
Benzo(k)fluoranthene
Concen: 7.208 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 134727
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 15.4 10.2 15.2#

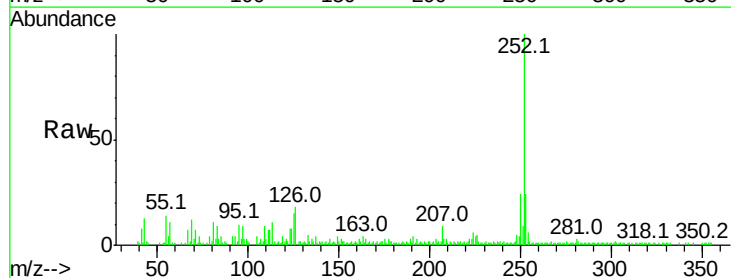


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

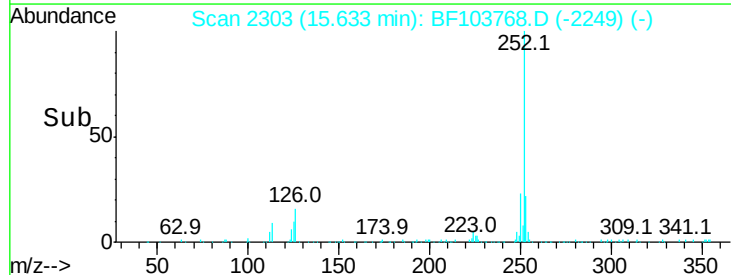
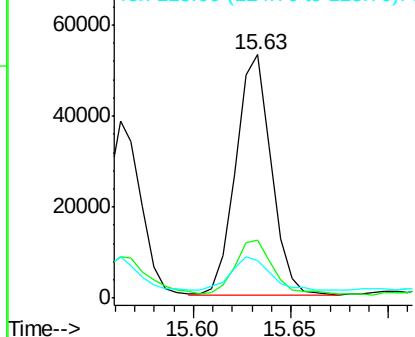


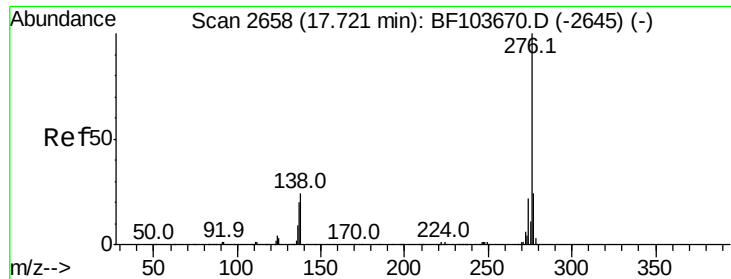
#89
Benzo(a)pyrene
Concen: 3.776 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103768.D
Acq: 19 Mar 2018 20:57

Tgt Ion:252 Resp: 66599
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 15.3 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

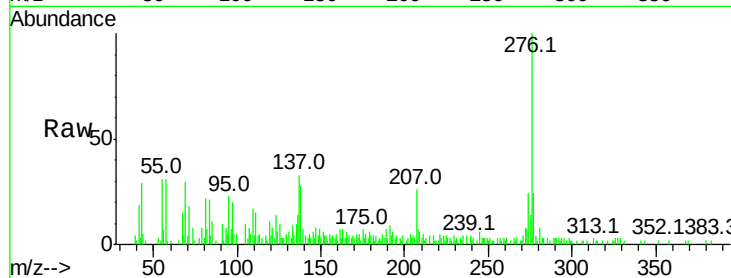




#91
 Benzo(a,h,i)perylene
 Concen: 2.927 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.03 min
 Lab File: BF103768.D
 Acq: 19 Mar 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.1	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

