

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103894.D
 Acq On : 23 Mar 2018 22:18
 Operator : JU/SJ
 Sample : J1996-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 00:51:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126534	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	489835	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	203353	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	324099	20.00	ng	0.00
75) Chrysene-d12	14.17	240	243493	20.00	ng	0.00
86) Perylene-d12	15.72	264	191723	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	844406	101.50	ng	0.00
7) Phenol-d6	6.60	99	1034569	101.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	592179	84.31	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	199033	113.83	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	814161	63.86	ng	0.00
78) Terphenyl-d14	13.10	244	662553	63.16	ng	0.00

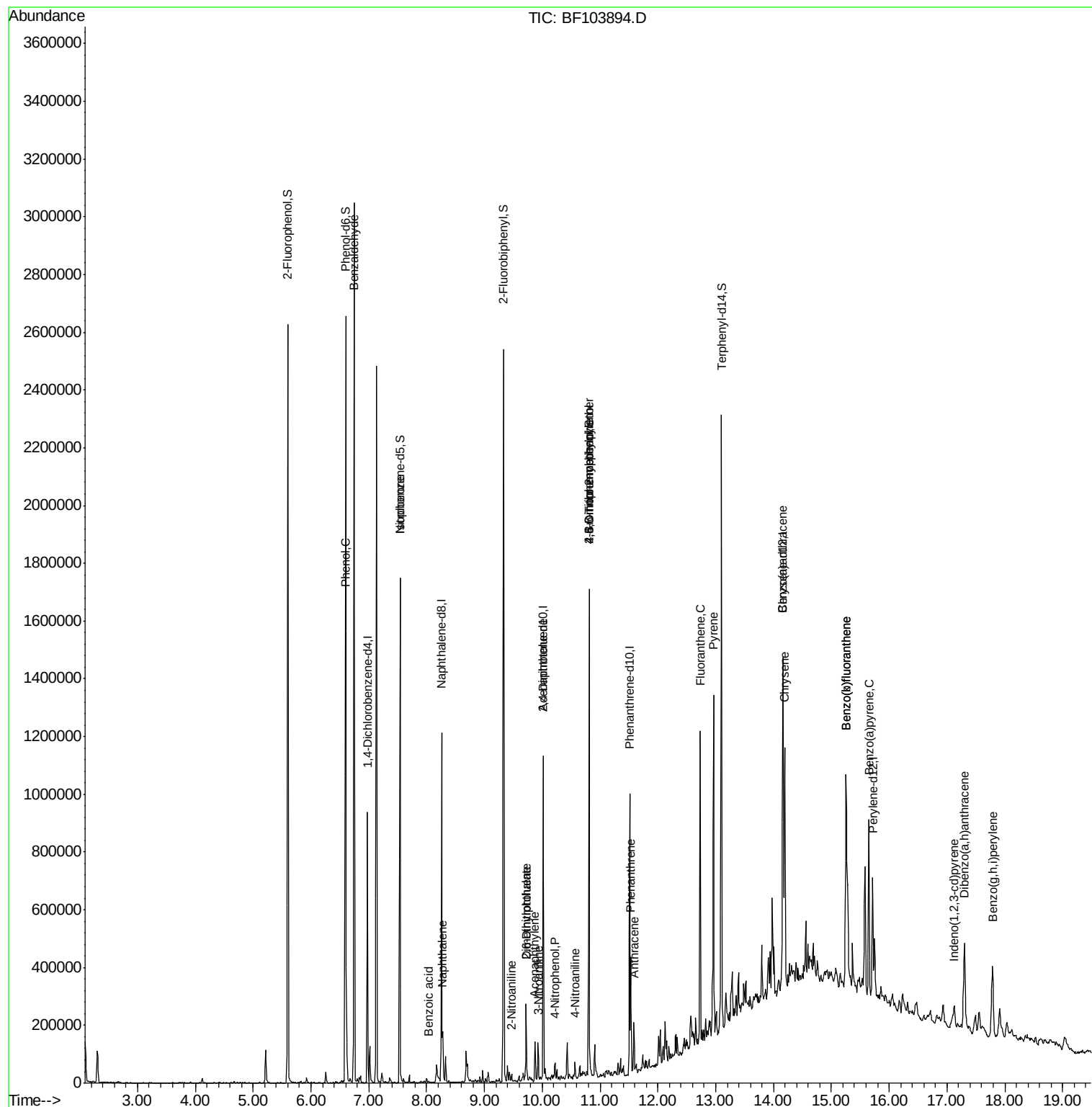
Target Compounds				Qvalue		
9) Benzaldehyde	6.75	77	18212	2.724	ng	81
10) Phenol	6.61	94	73082	6.757	ng	96
25) Isophorone	7.54	82	592262	36.424	ng	# 64
31) Naphthalene	8.28	128	65815	2.660	ng	97
32) Benzoic acid	8.03	122	804	10.035	ng	# 1
47) 2-Nitroaniline	9.47	65	695	6.983	ng	# 2
48) Acenaphthylene	9.87	152	60190	2.882	ng	100
49) Dimethylphthalate	9.72	163	105789	6.819	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1254	4.367	ng	# 18
52) 3-Nitroaniline	9.94	138	239	3.876	ng	# 2
55) 4-Nitrophenol	10.22	139	6583	7.143	ng	# 11
56) 2,4-Dinitrotoluene	10.02	165	26605	12.305	ng	# 23
61) 4-Nitroaniline	10.57	138	274	3.822	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	380	8.468	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	12369	3.717	ng	# 1
70) Phenanthrene	11.53	178	129288	7.292	ng	97
71) Anthracene	11.59	178	61165	3.397	ng	99
74) Fluoranthene	12.73	202	440601	24.123	ng	97
77) Pyrene	12.96	202	443754	24.816	ng	99
80) Benzo(a)anthracene	14.16	228	359759	23.341	ng	97
82) Chrysene	14.19	228	330868	22.519	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	40545	3.160	ng	95
87) Benzo(b)fluoranthene	15.26	252	596433	49.241	ng	96
88) Benzo(k)fluoranthene	15.26	252	596433	51.225	ng	99
89) Benzo(a)pyrene	15.65	252	298897	27.206	ng	97
90) Dibenzo(a,h)anthracene	17.31	278	56609	5.951	ng	98
91) Benzo(g,h,i)perylene	17.79	276	212269	22.937	ng	97

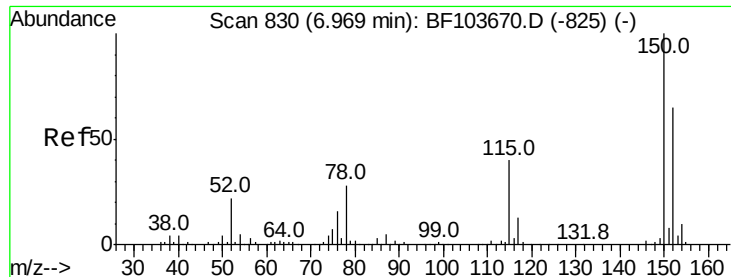
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
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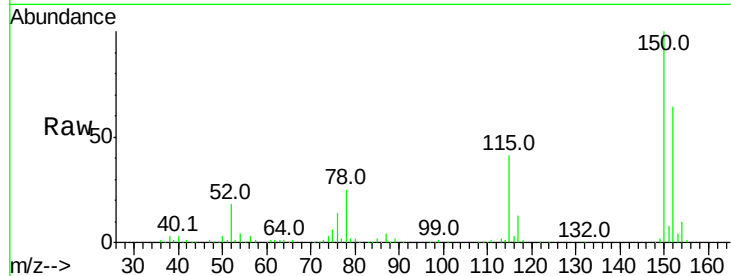


#1

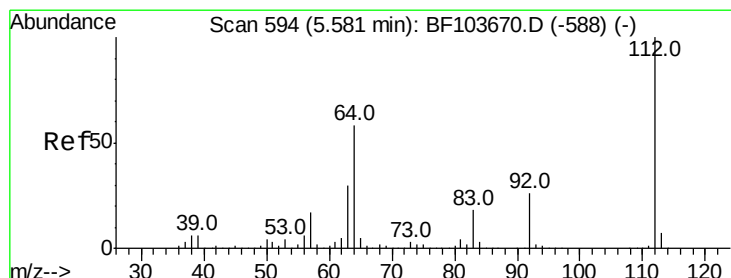
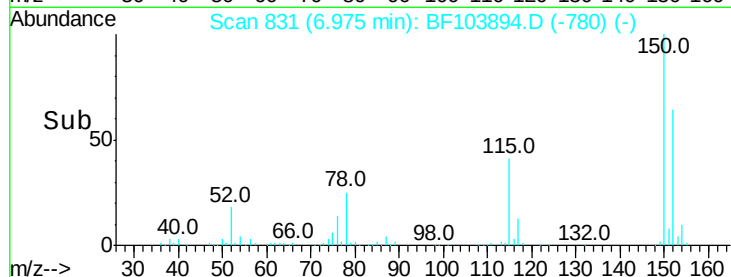
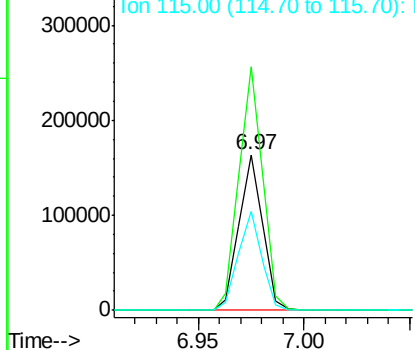
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126534
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.6 50.1 75.1



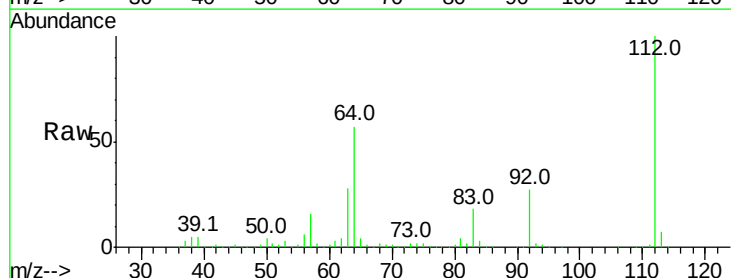
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



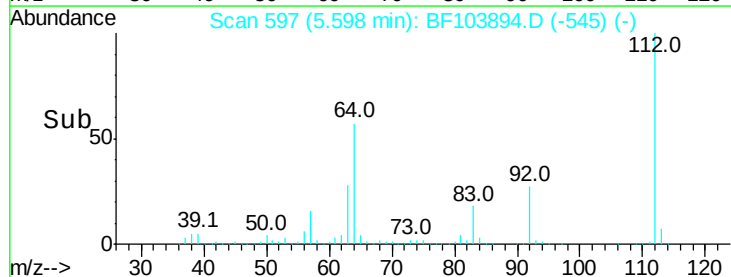
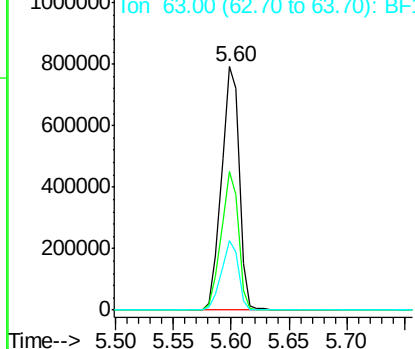
#5

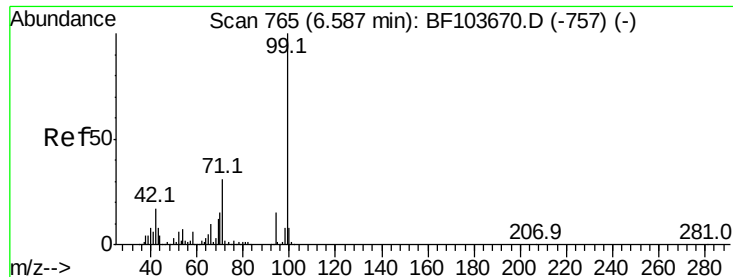
2-Fluorophenol
Concen: 101.501 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion:112 Resp: 844406
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.648 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

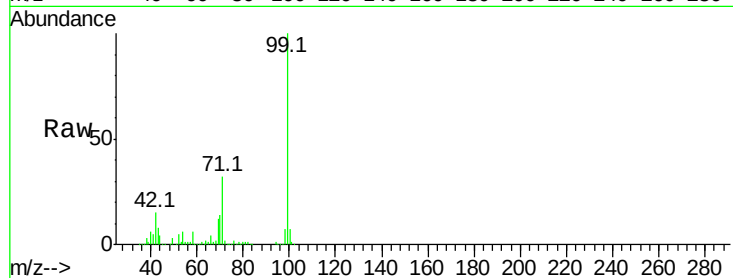
Tot Ion: 99 Resp: 1034569

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

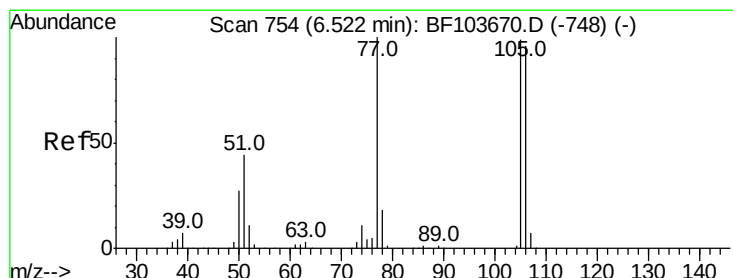
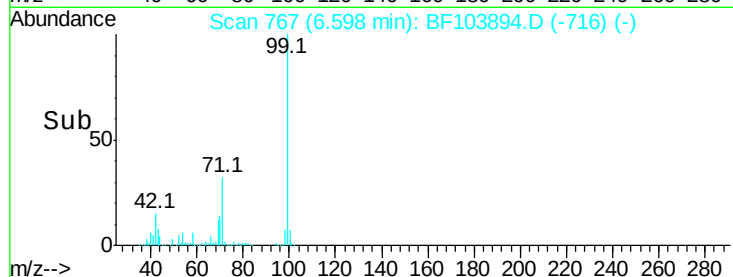
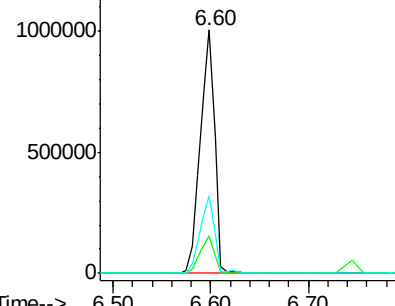
71 31.9 25.4 38.0



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: 2.724 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

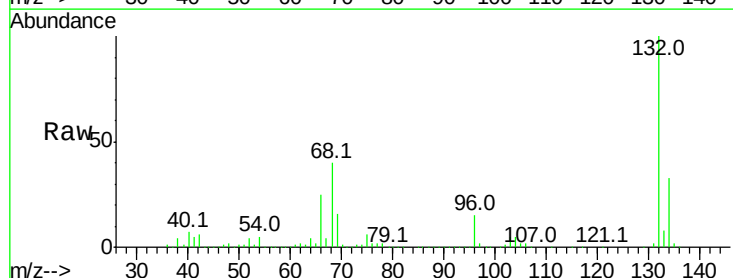
Tgt Ion: 77 Resp: 18212

Ion Ratio Lower Upper

77 100

105 81.6 81.1 121.1

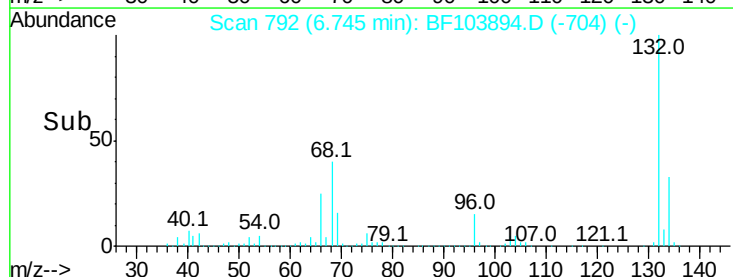
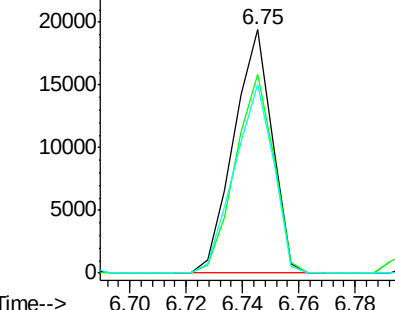
106 77.3 74.5 114.5

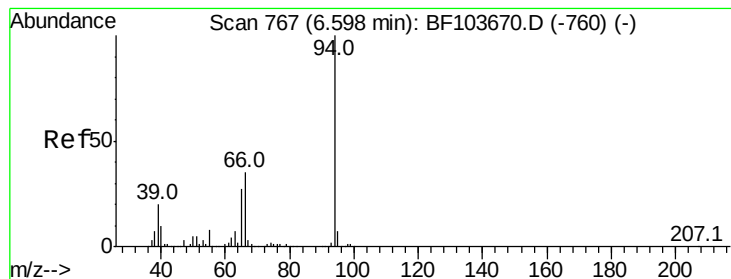


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 6.757 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

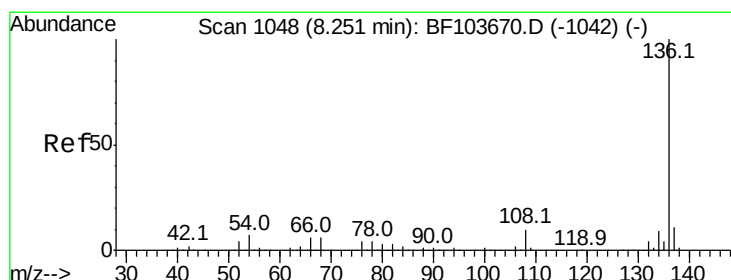
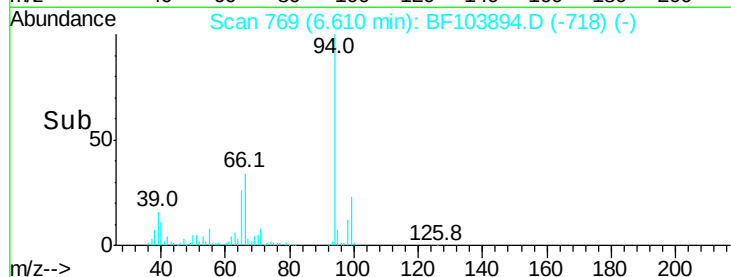
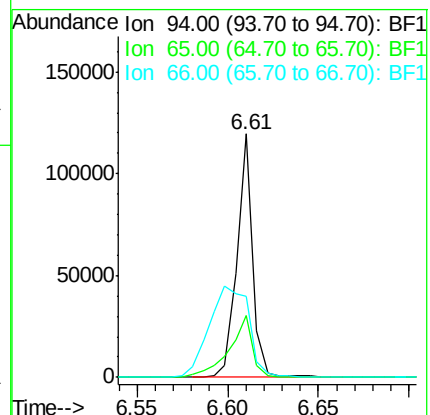
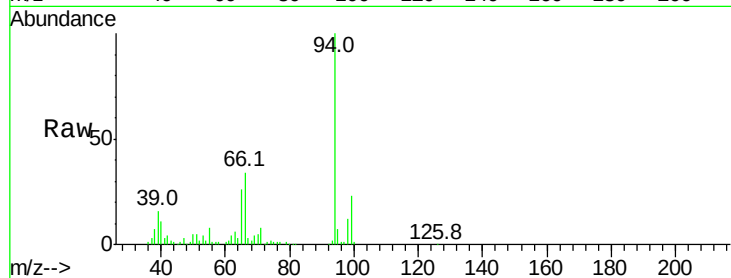
Tot Ion: 94 Resp: 73082

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

66 33.5 16.2 56.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Tgt Ion: 136 Resp: 489835

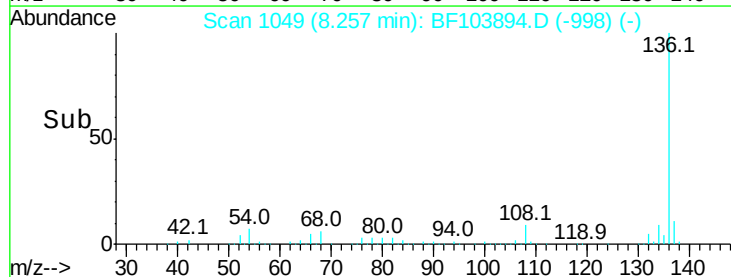
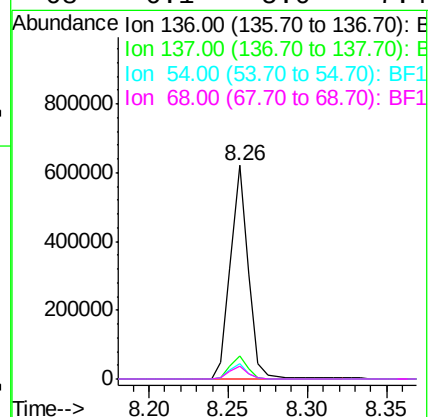
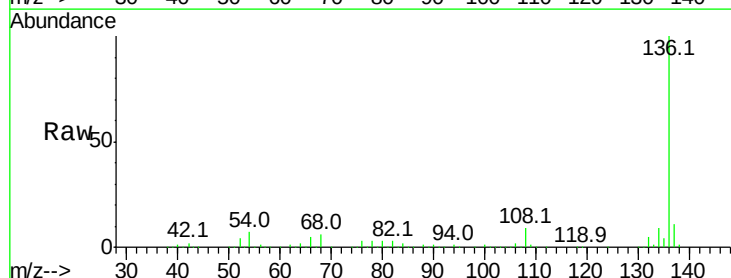
Ion Ratio Lower Upper

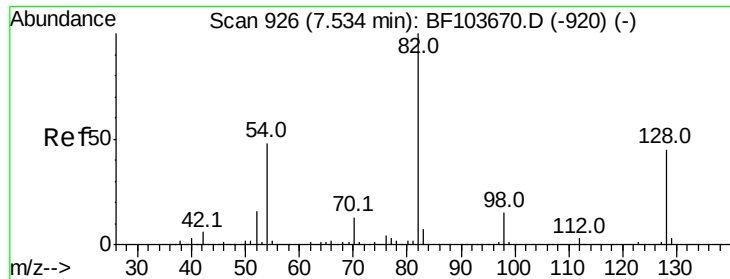
136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.306 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103894.D

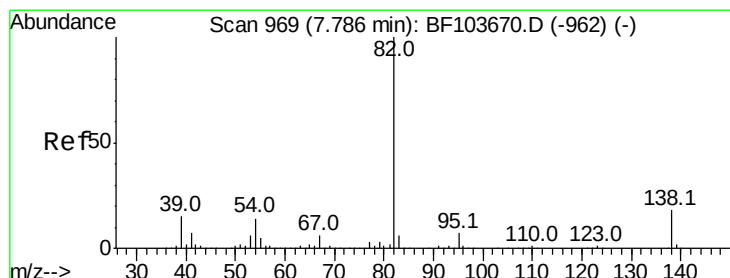
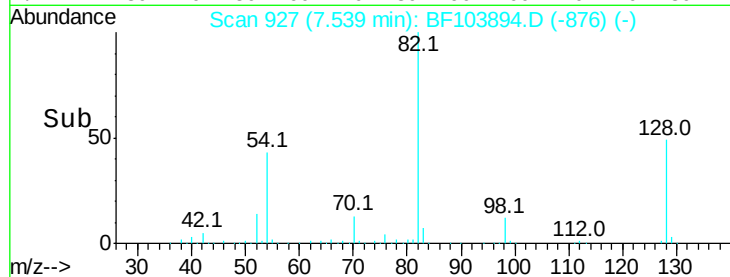
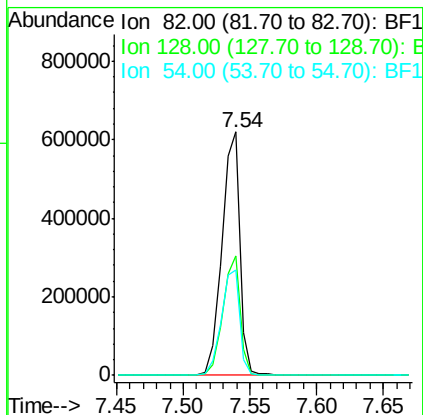
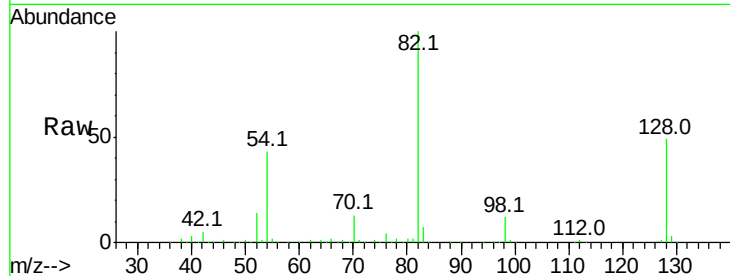
Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	592179
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	43.1	41.4	62.2



#25

Isophorone

Concen: 36.424 ng

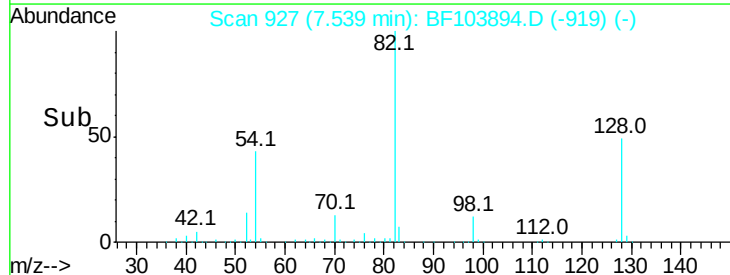
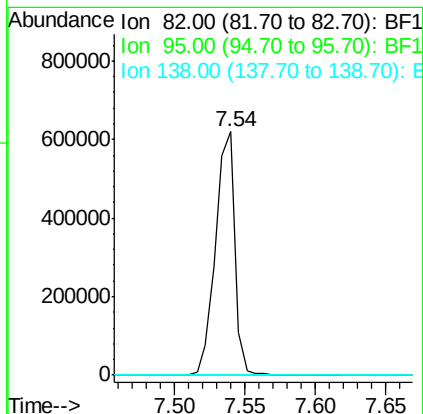
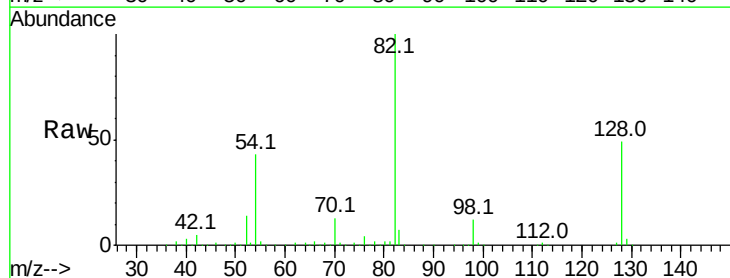
RT: 7.54 min Scan# 927

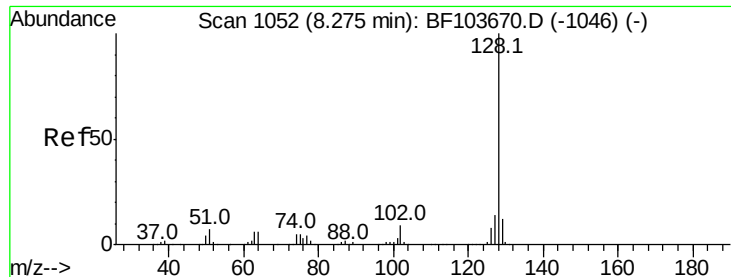
Delta R.T. -0.25 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Tgt Ion:	82	Resp:	592262
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 2.660 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

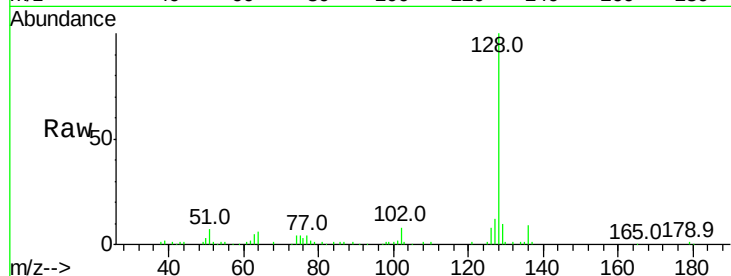
Tot Ion:128 Resp: 65815

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

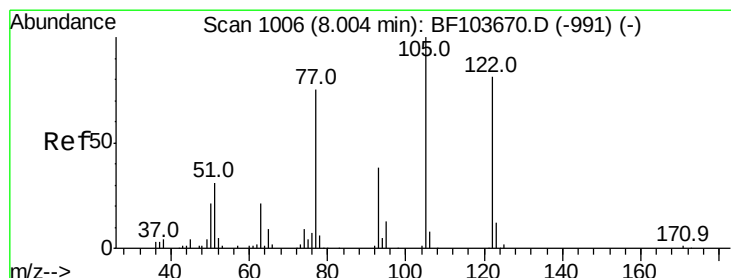
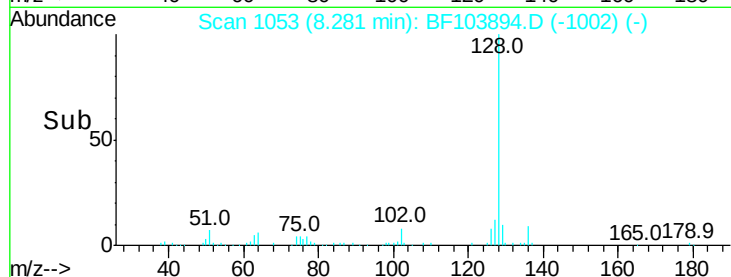
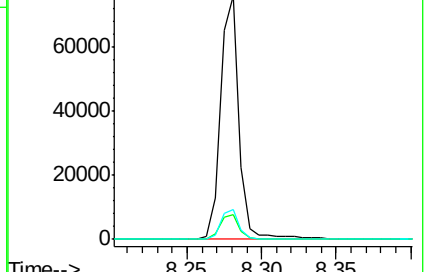
127 12.5 10.9 16.3



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: 10.035 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

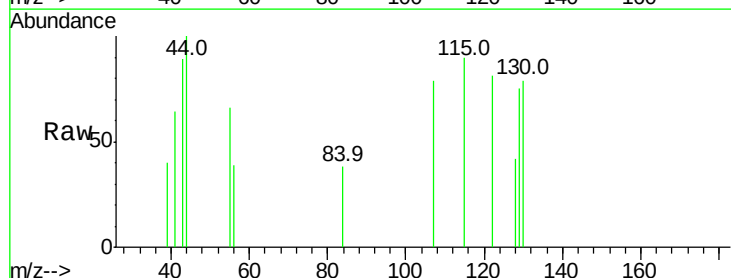
Tgt Ion:122 Resp: 804

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

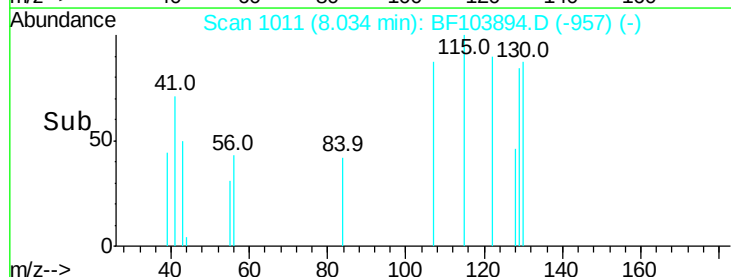
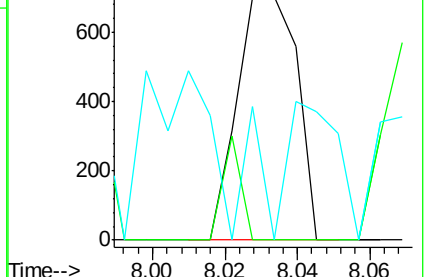
77 0.0 70.7 110.7#

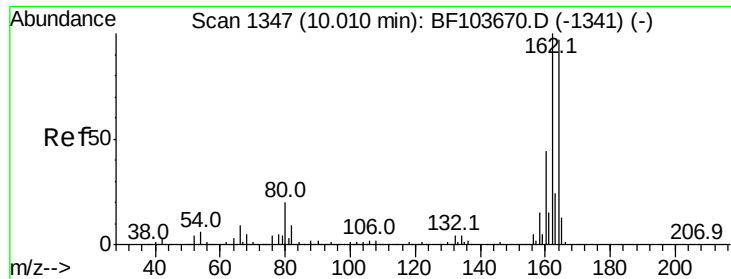


Abundance Ion 122.00 (121.70 to 122.70): E

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: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

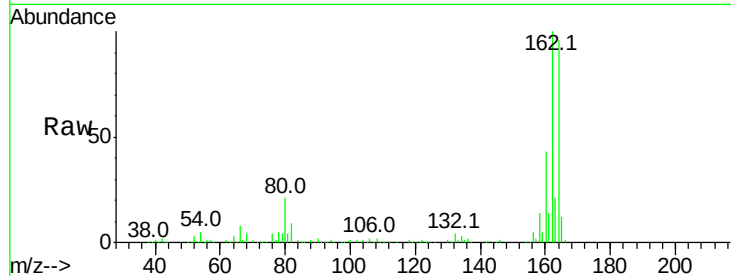
Tot Ion:164 Resp: 203353

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

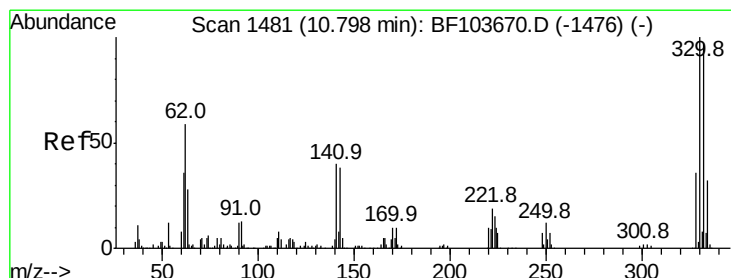
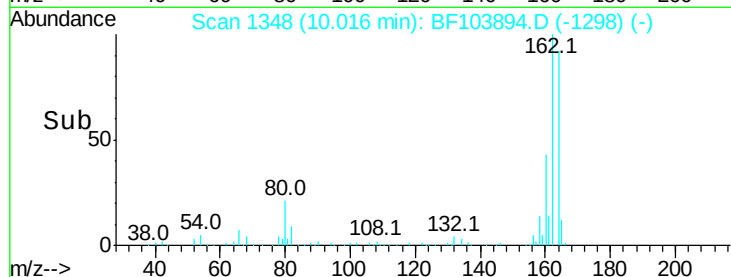
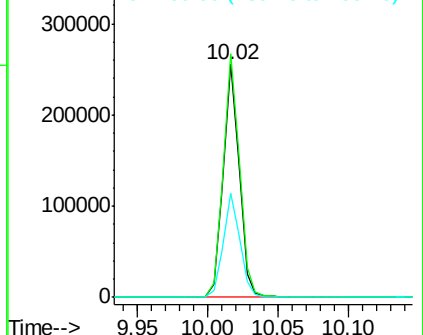
160 44.5 38.3 57.5



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: 113.834 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

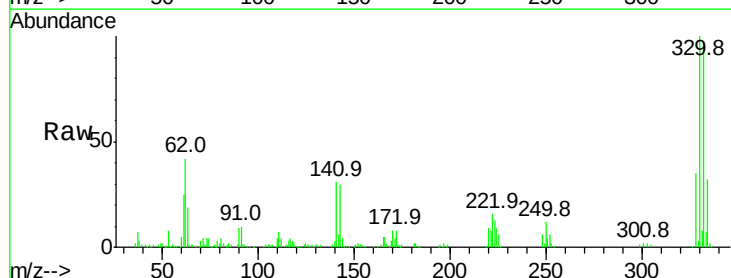
Tgt Ion:330 Resp: 199033

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

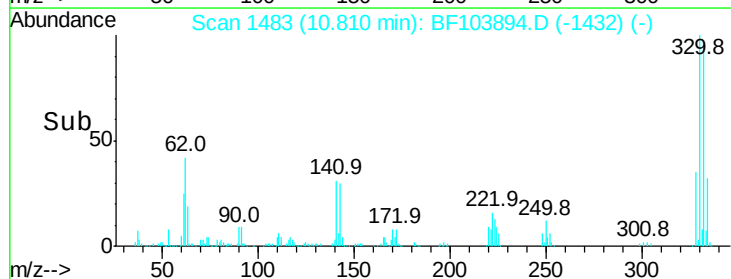
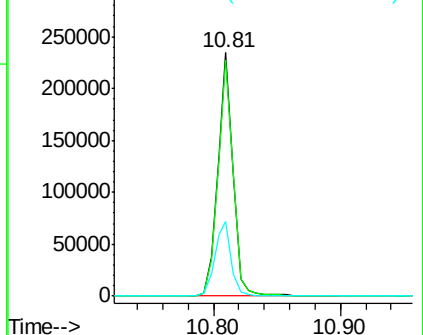
141 33.4 29.9 44.9

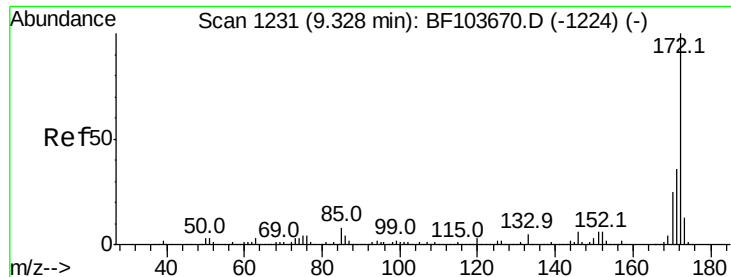


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

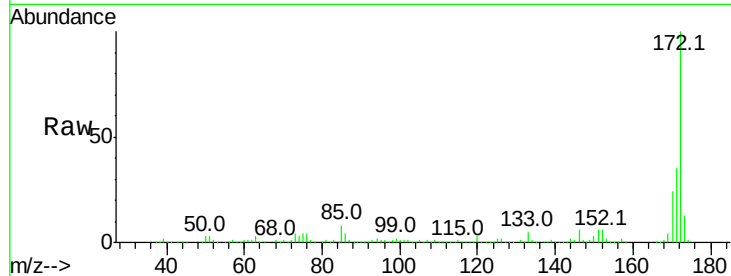




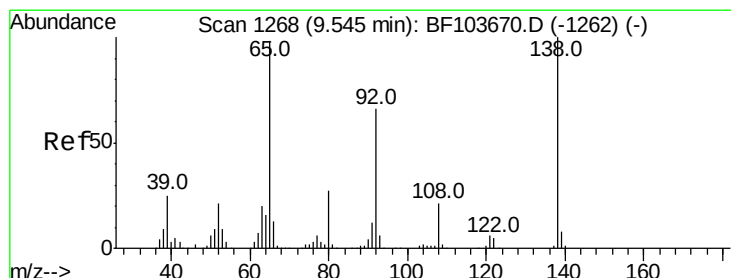
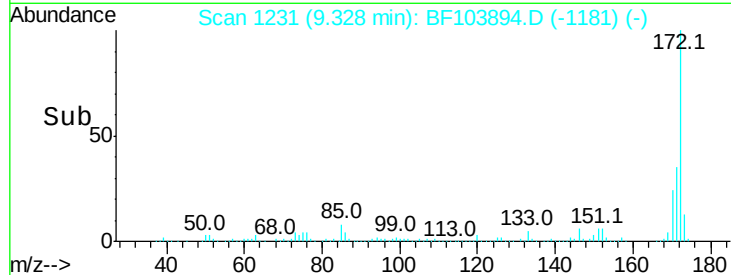
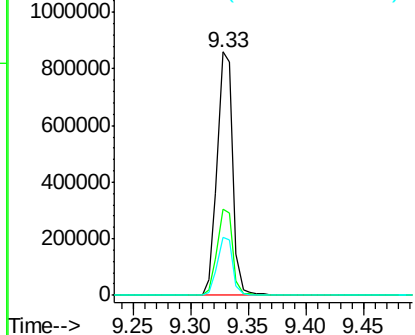
#44
2-Fluorobiphenyl
Concen: 63.865 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 814161
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.8 19.6 29.4

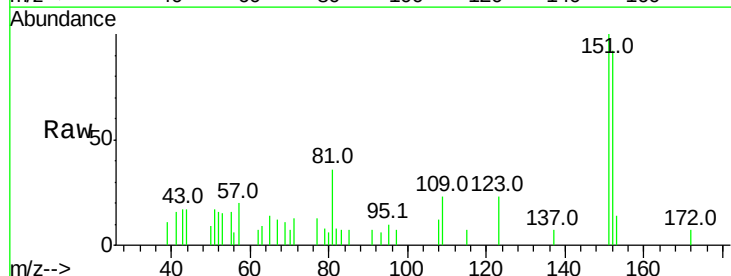


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

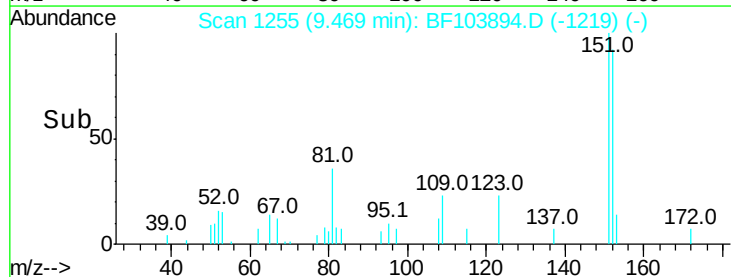
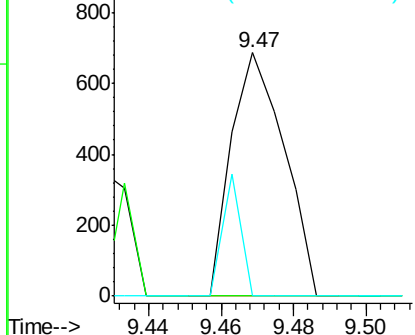


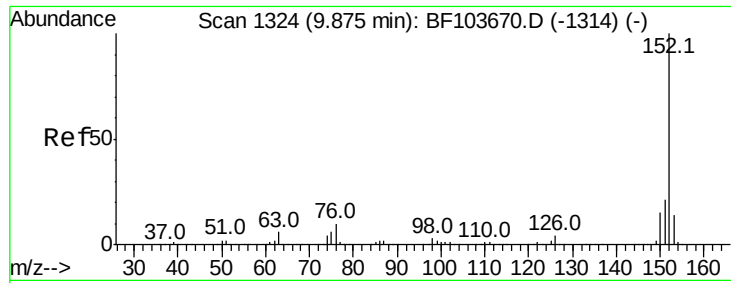
#47
2-Nitroaniline
Concen: 6.983 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.09 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion: 65 Resp: 695
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

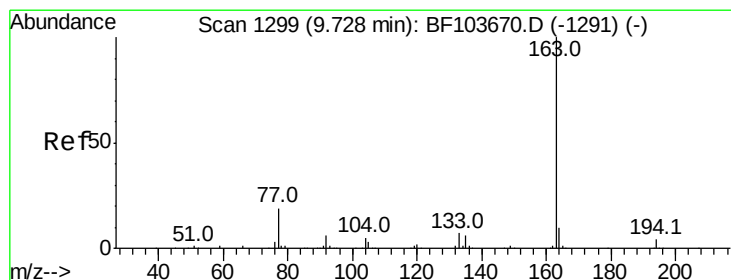
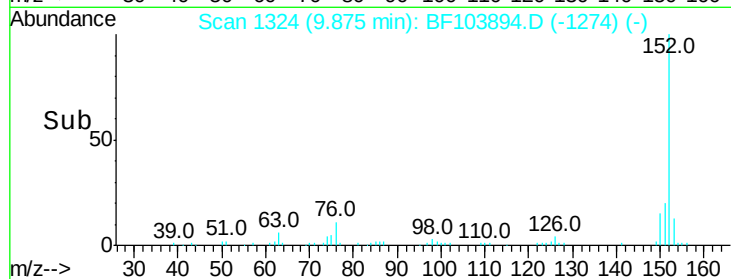
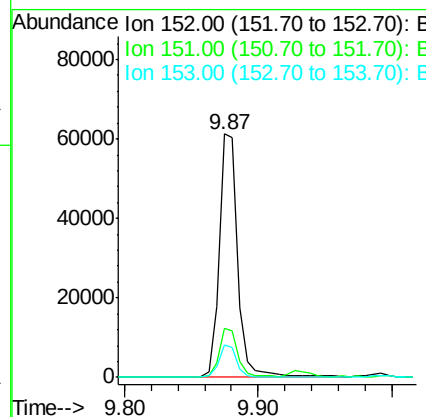
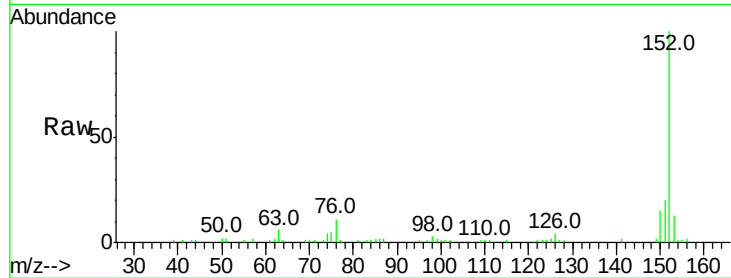




#48
Acenaphthylene
Concen: 2.882 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

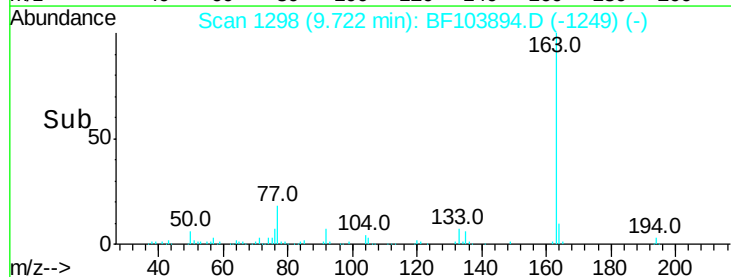
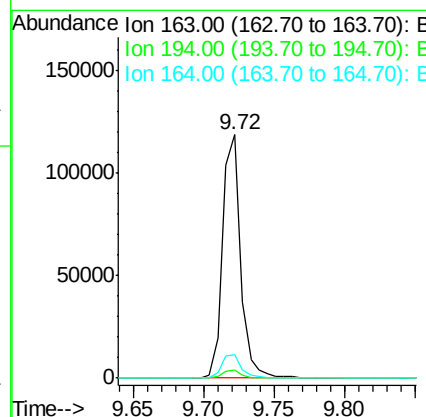
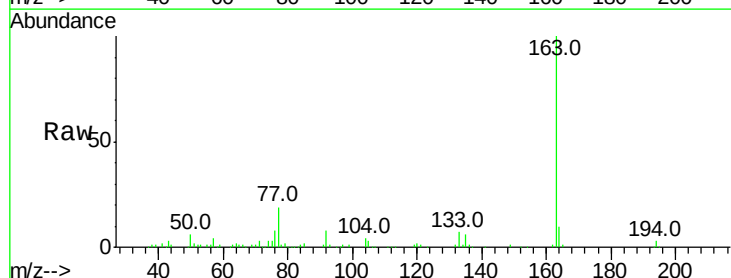
Instrument :
BNA_F
ClientSampleId :

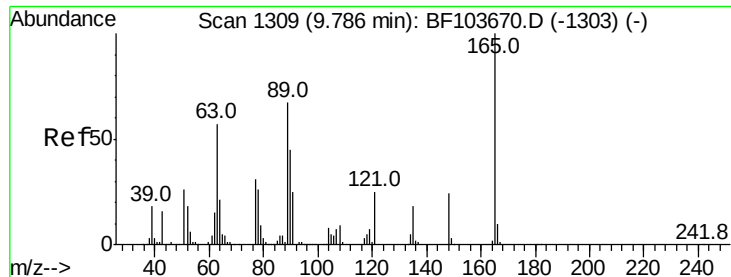
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1



#49
Dimethylphthalate
Concen: 6.819 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

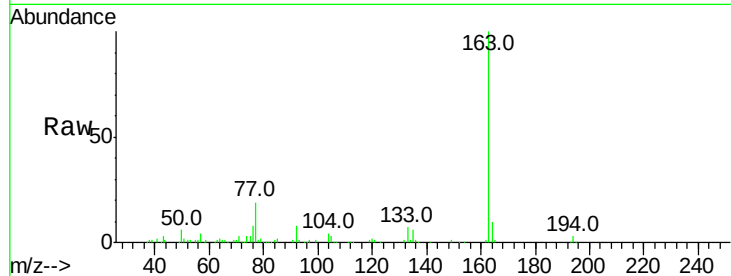




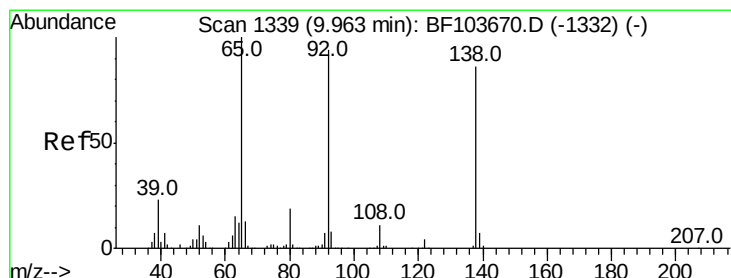
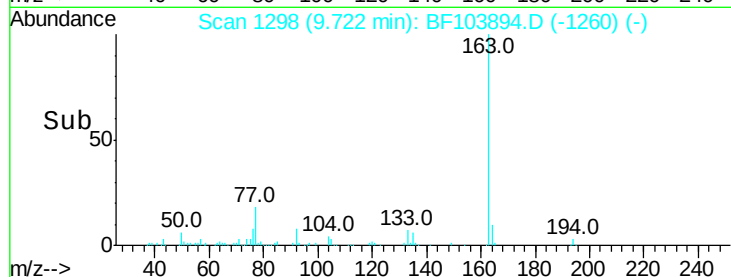
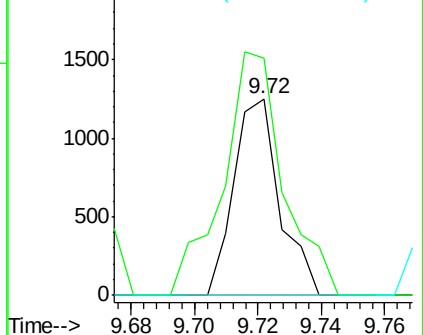
#50
 2,6-Dinitrotoluene
 Concen: 4.367 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.08 min
 Lab File: BF103894.D
 Acq: 23 Mar 2018 22:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 1254
 Ion Ratio Lower Upper
 165 100
 63 120.3 44.7 67.1#
 89 0.0 44.0 66.0#

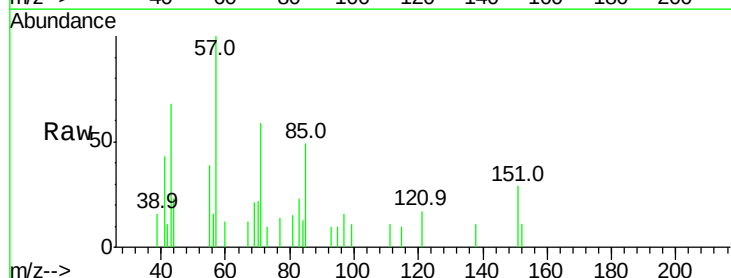


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

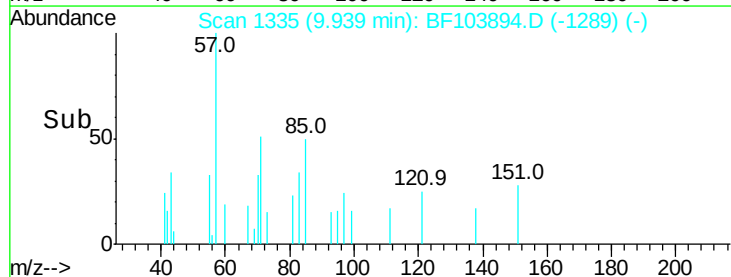
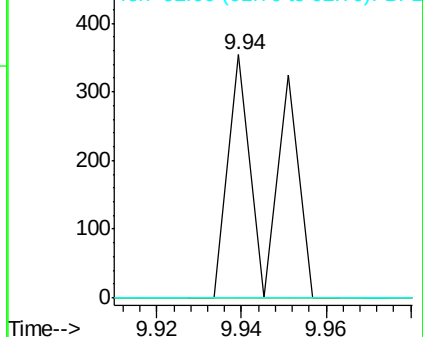


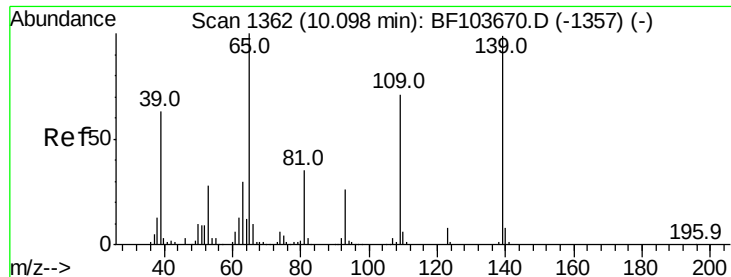
#52
 3-Nitroaniline
 Concen: 3.876 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: BF103894.D
 Acq: 23 Mar 2018 22:18

Tgt Ion:138 Resp: 239
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.4 14.0#
 92 0.0 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

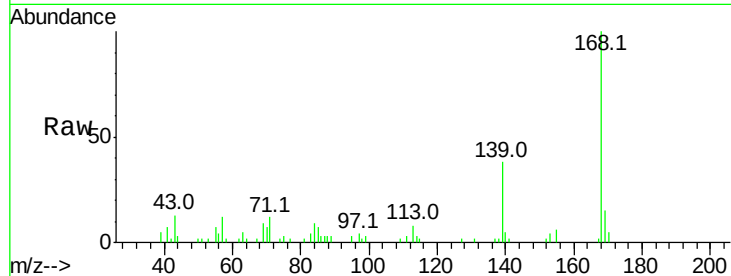




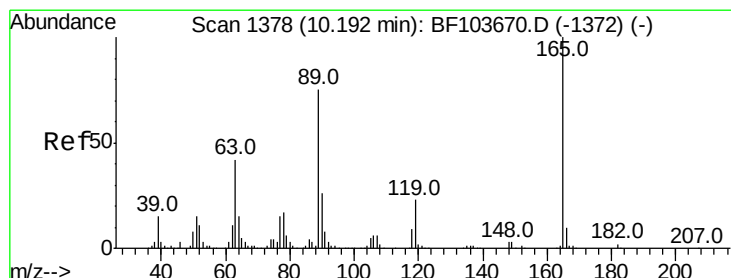
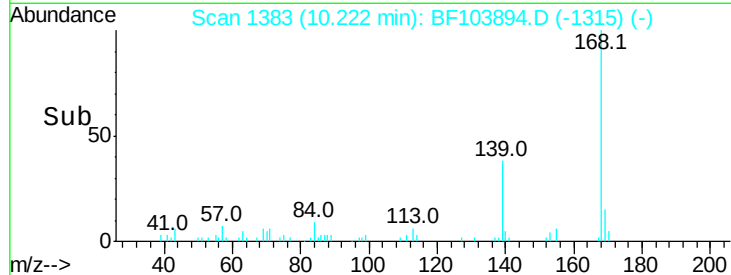
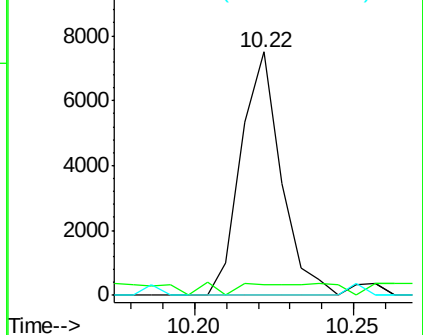
#55
4-Nitrophenol
Concen: 7.143 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 6583
Ion Ratio Lower Upper
139 100
109 4.5 48.4 88.4#
65 0.0 72.6 112.6#

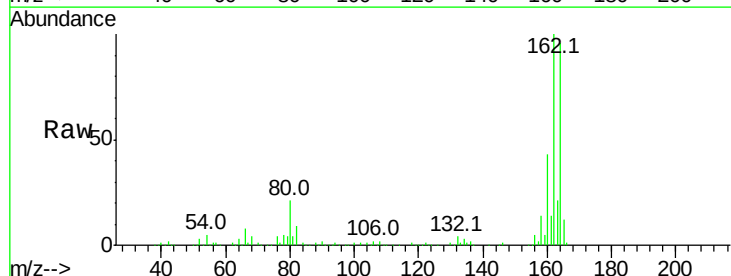


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

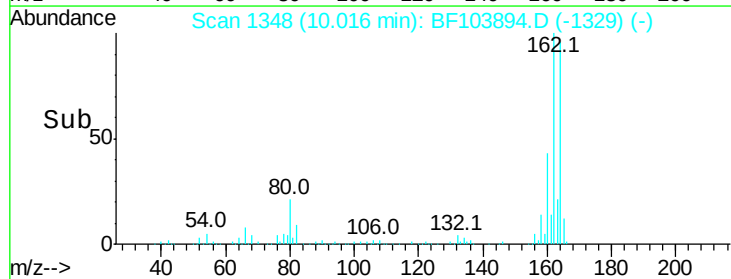
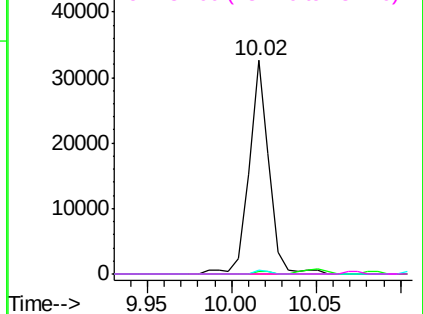


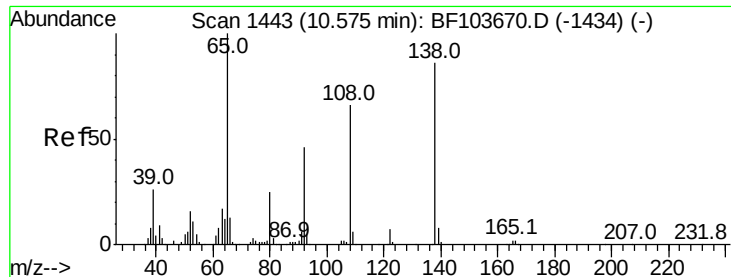
#56
2,4-Dinitrotoluene
Concen: 12.305 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion:165 Resp: 26605
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 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

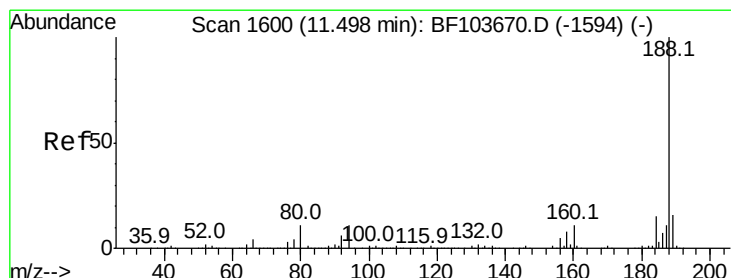
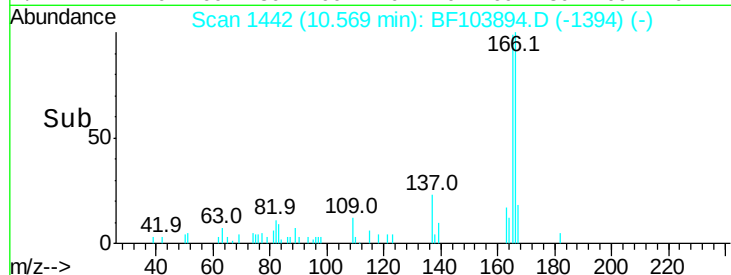
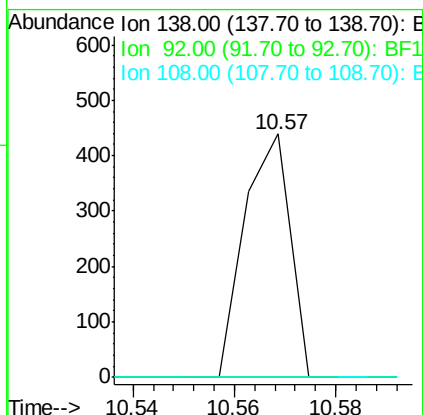
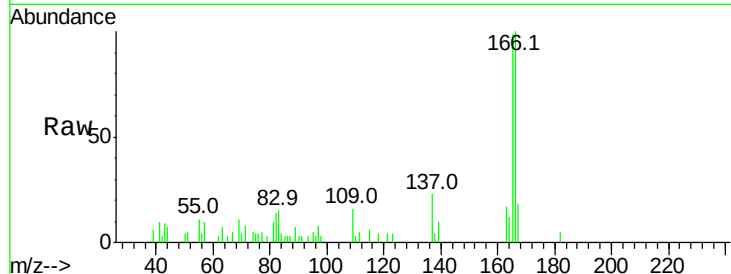




#61
4-Nitroaniline
Concen: 3.822 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

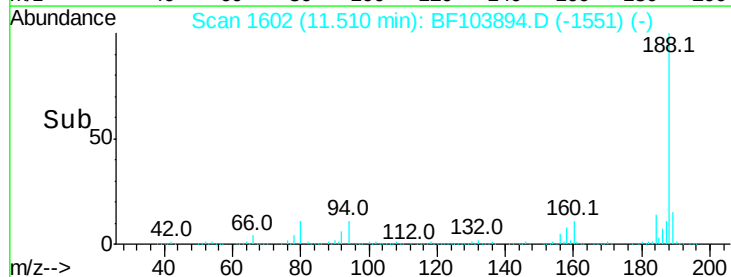
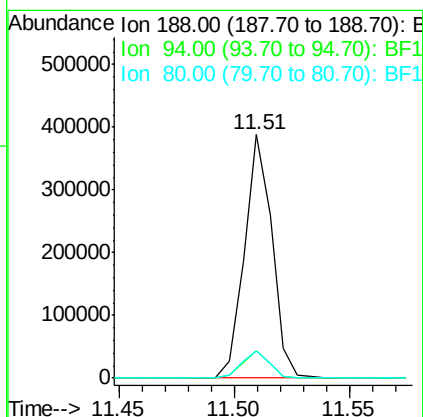
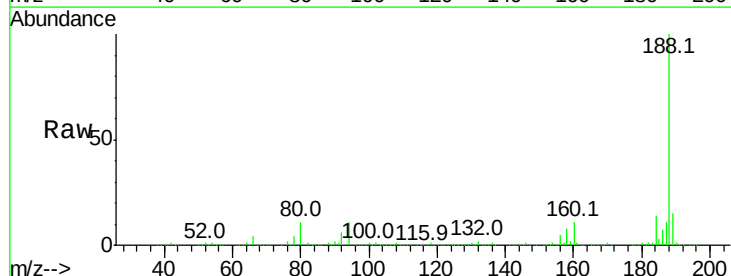
Instrument :
BNA_F
ClientSampleId :

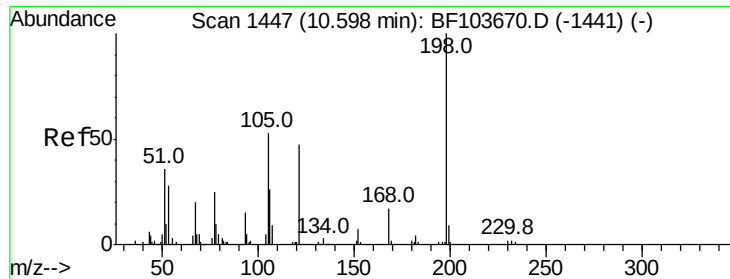
Tot Ion:138 Resp: 274
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion:188 Resp: 324099
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.4 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.468 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampled :

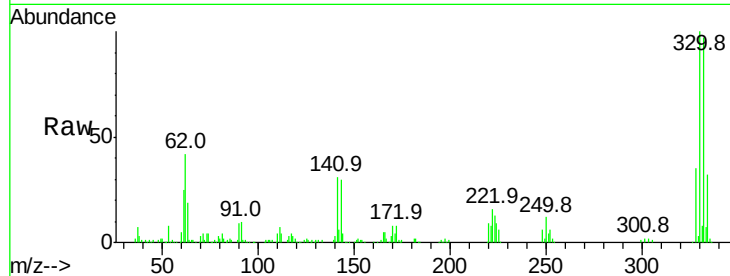
Tot Ion:198 Resp: 380

Ion Ratio Lower Upper

198 100

51 142.5 37.7 77.7#

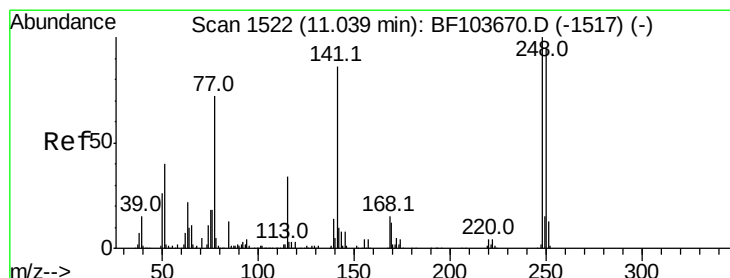
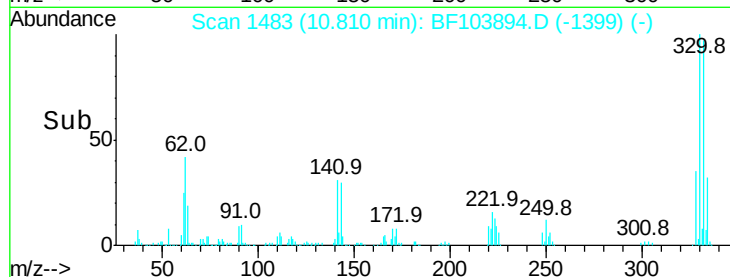
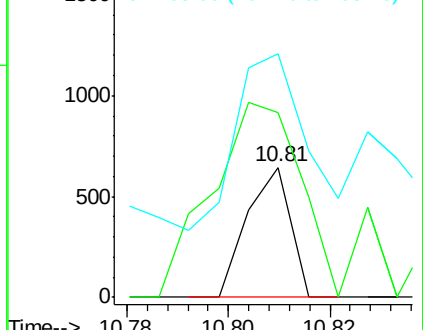
105 187.1 36.3 76.3#



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: 3.717 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.24 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

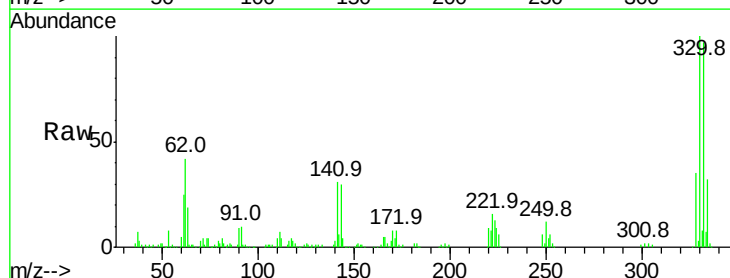
Tgt Ion:248 Resp: 12369

Ion Ratio Lower Upper

248 100

250 195.1 76.9 115.3#

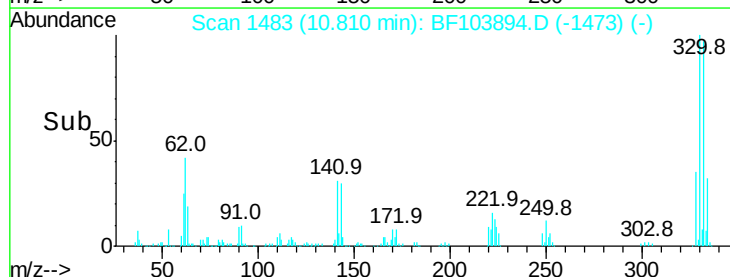
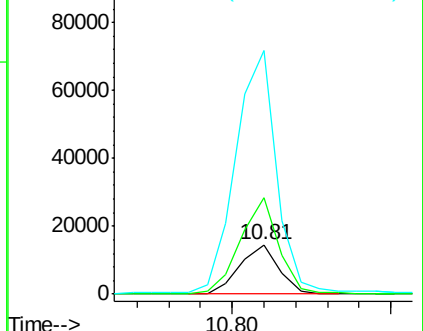
141 491.9 74.4 111.6#

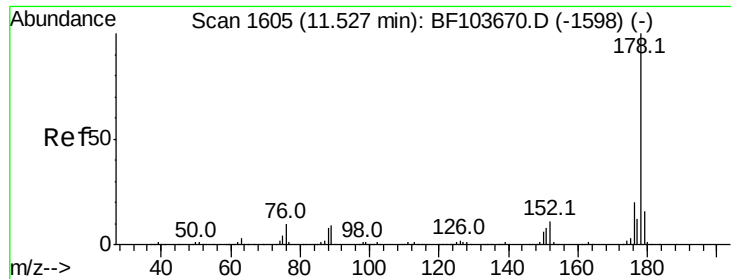


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

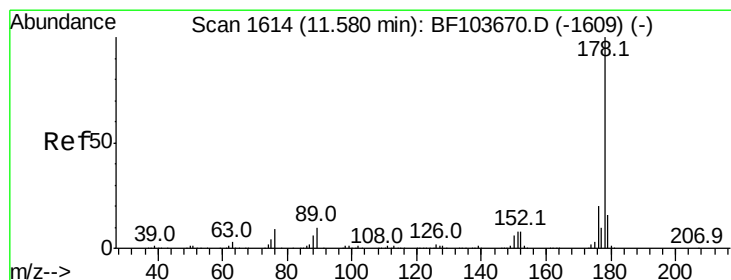
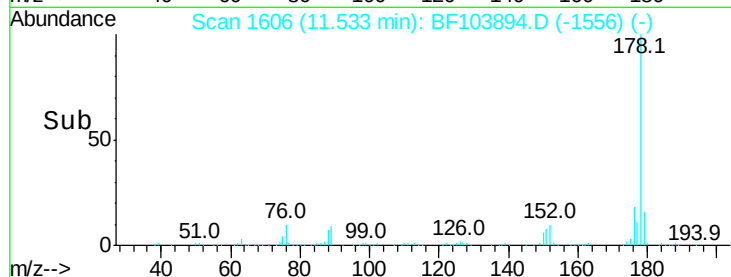
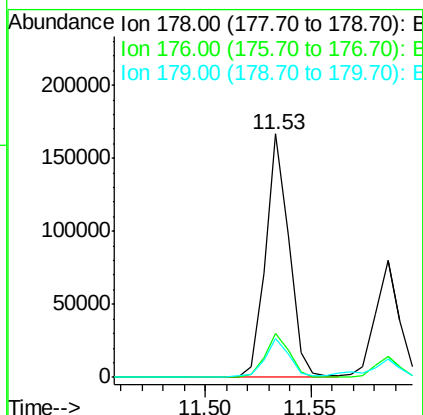
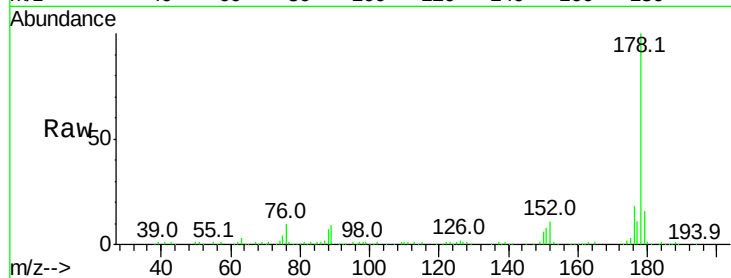




#70
Phenanthrene
Concen: 7.292 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

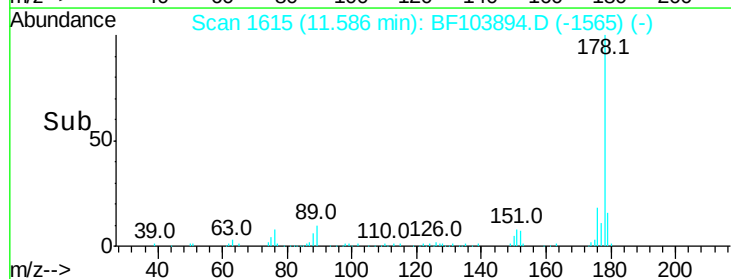
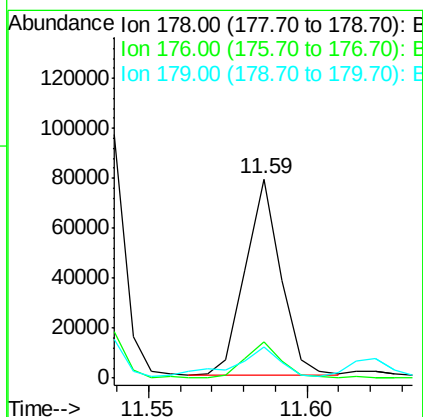
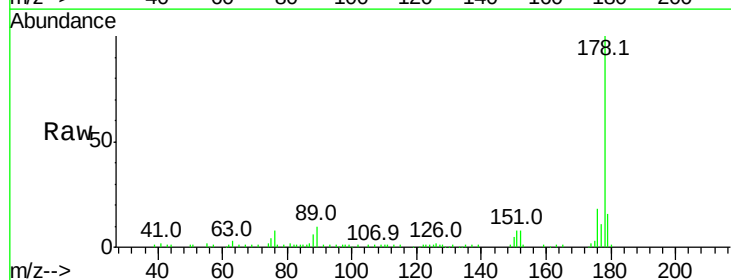
Instrument :
BNA_F
ClientSampleId :

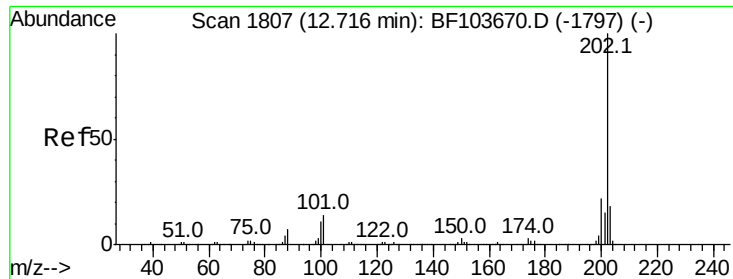
Tot Ion:178 Resp: 129288
Ion Ratio Lower Upper
178 100
176 17.9 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 3.397 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion:178 Resp: 61165
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.8 12.6 19.0





#74

Fluoranthene

Concen: 24.123 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

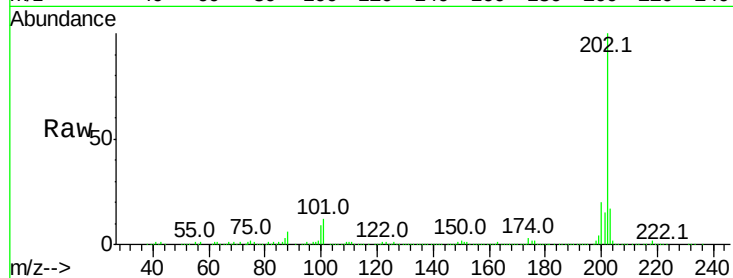
Tot Ion:202 Resp: 440601

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

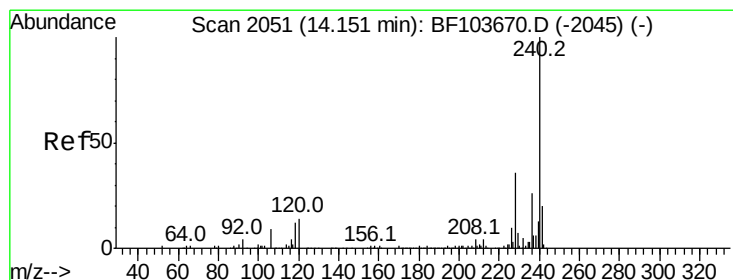
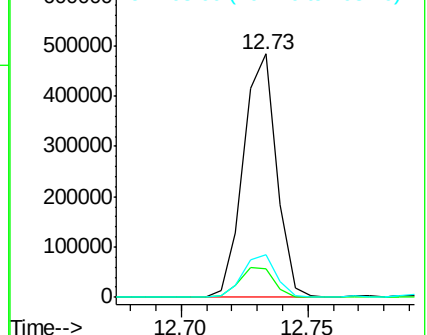
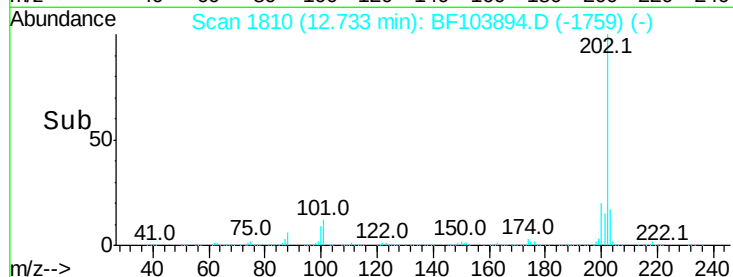
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

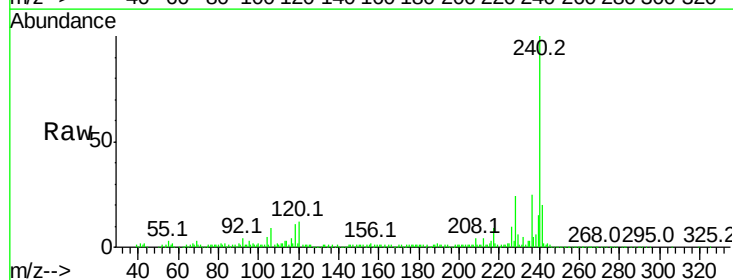
Tgt Ion:240 Resp: 243493

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

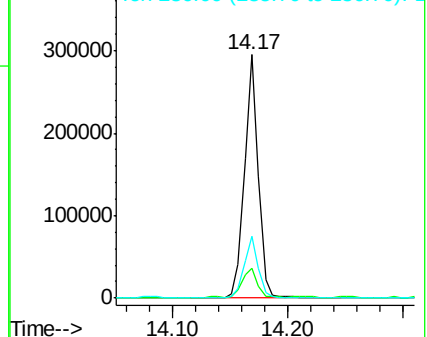
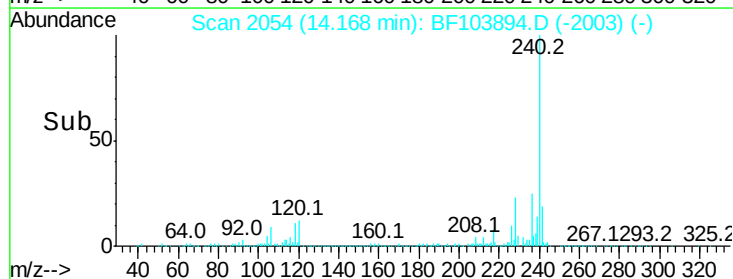
236 25.3 20.7 31.1

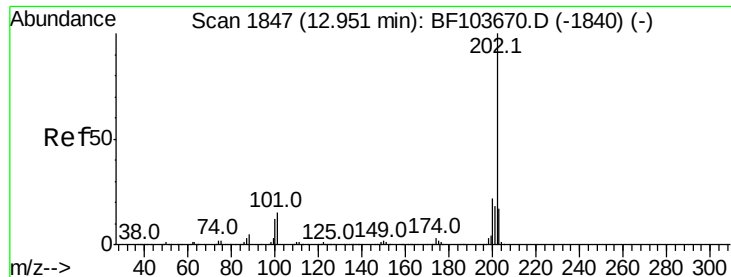


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 24.816 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

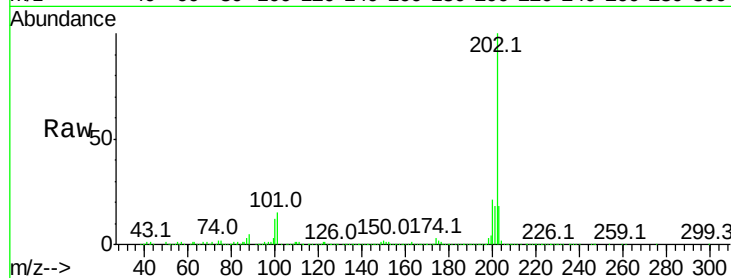
Tot Ion:202 Resp: 443754

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

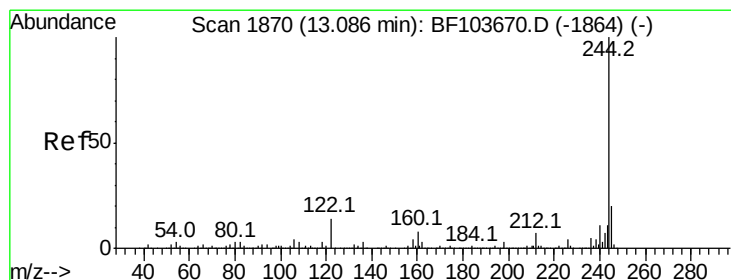
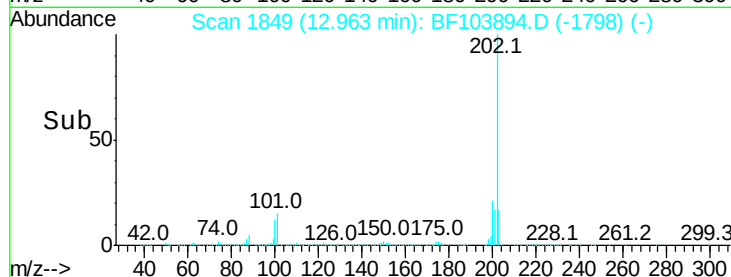
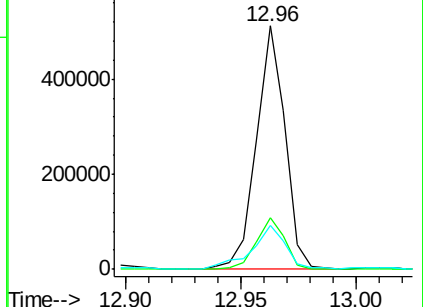
203 17.9 14.3 21.5



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: 63.159 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

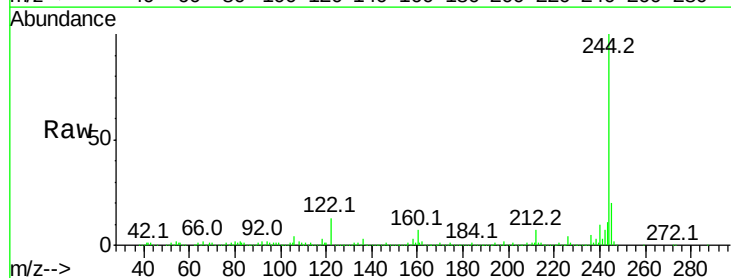
Tgt Ion:244 Resp: 662553

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

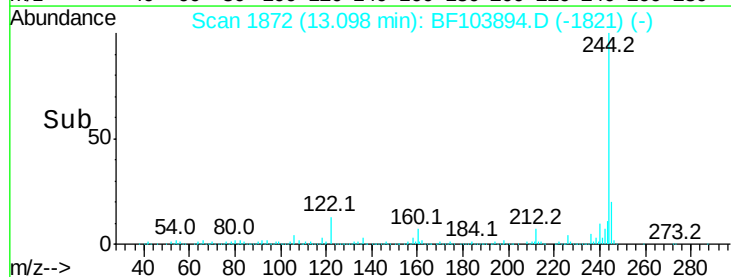
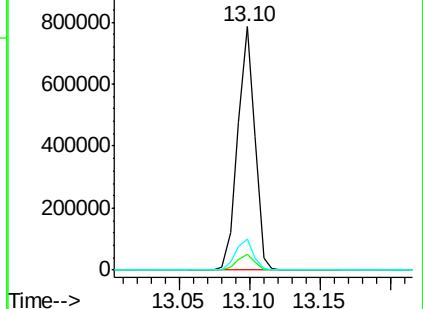
122 13.0 11.0 16.4

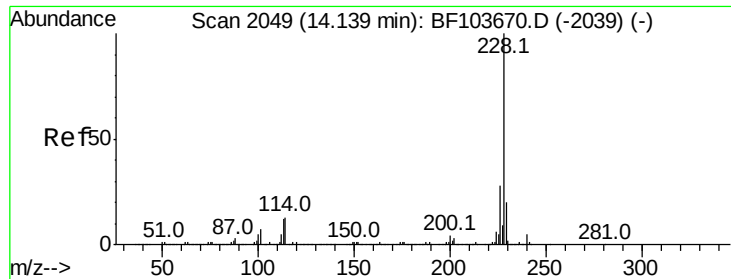


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 23.341 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF103894.D

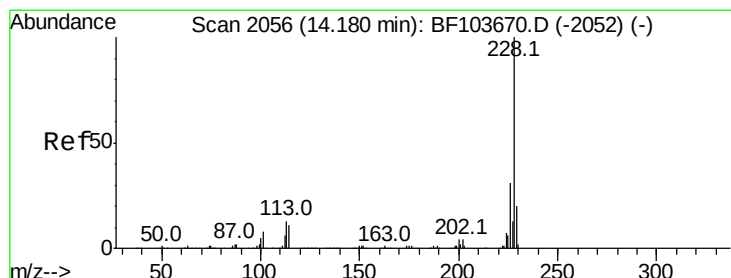
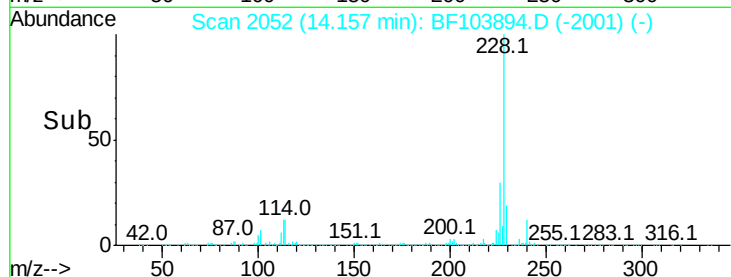
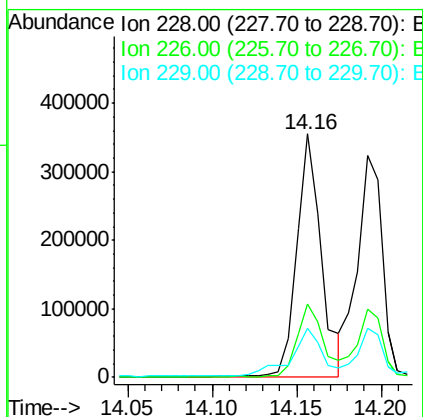
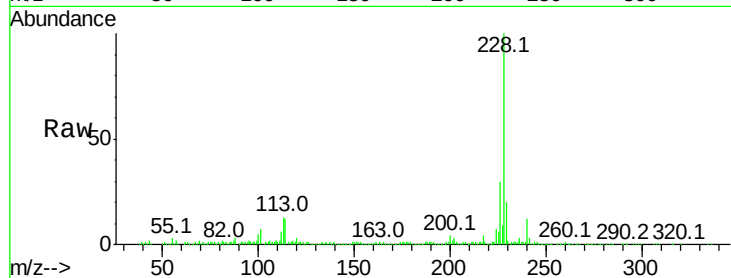
Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:228	Resp:	359759
Ion	Ratio	Lower Upper
228	100	
226	30.1	22.6 33.8
229	20.3	15.8 23.6



#82

Chrysene

Concen: 22.519 ng

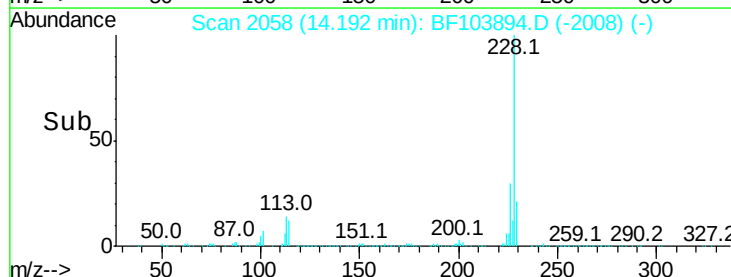
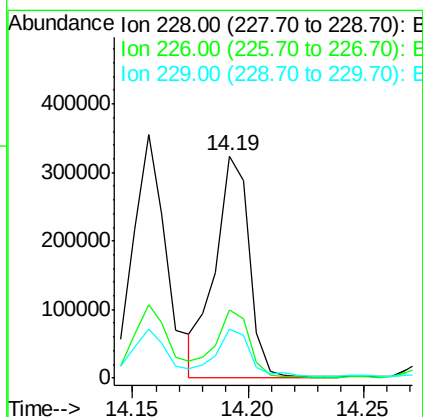
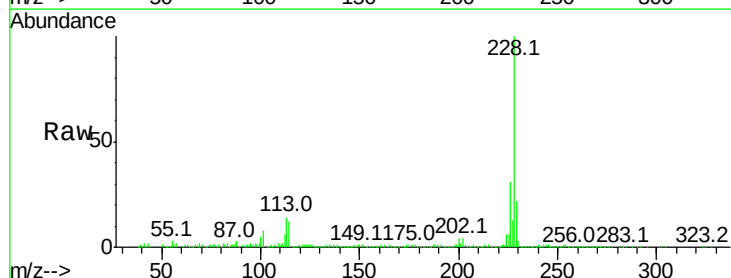
RT: 14.19 min Scan# 2058

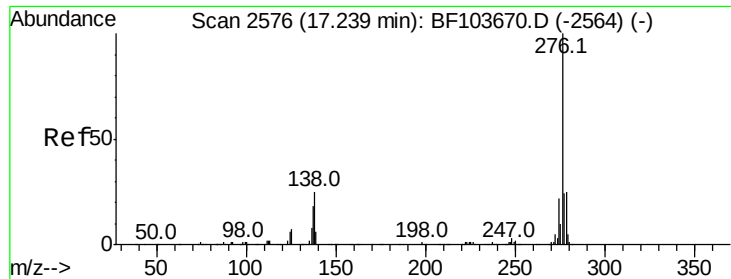
Delta R.T. -0.01 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Tgt Ion:228	Resp:	330868
Ion	Ratio	Lower Upper
228	100	
226	30.5	25.0 37.6
229	22.2	16.2 24.4

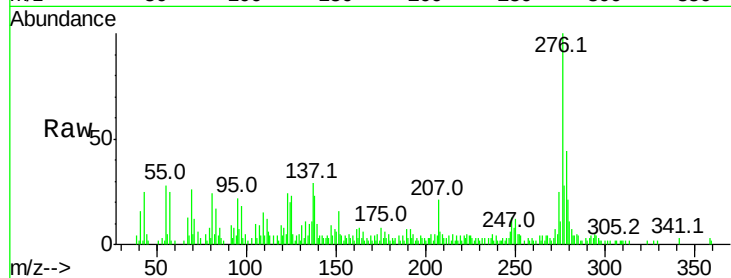




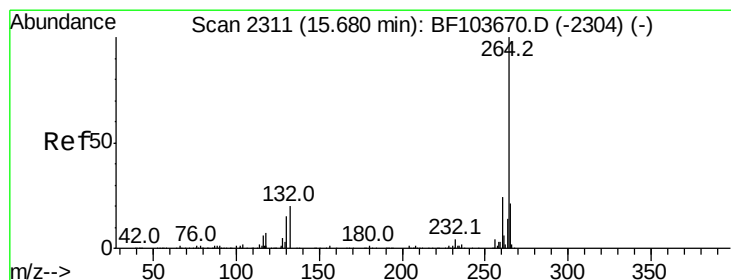
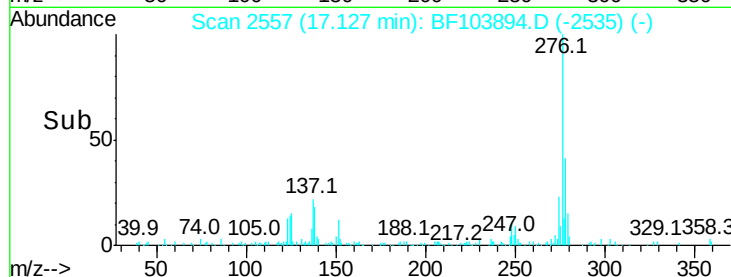
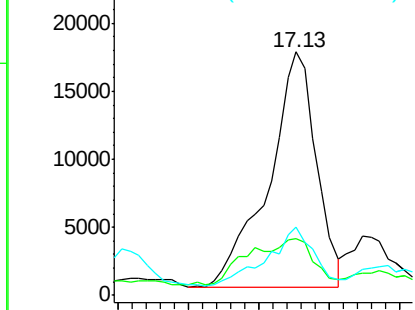
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.160 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. -0.17 min
 Lab File: BF103894.D
 Acq: 23 Mar 2018 22:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	24.9	20.1	30.1

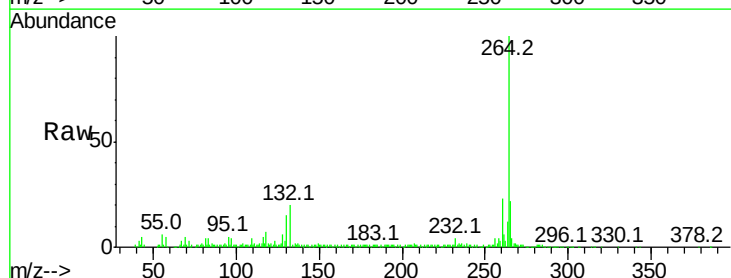


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

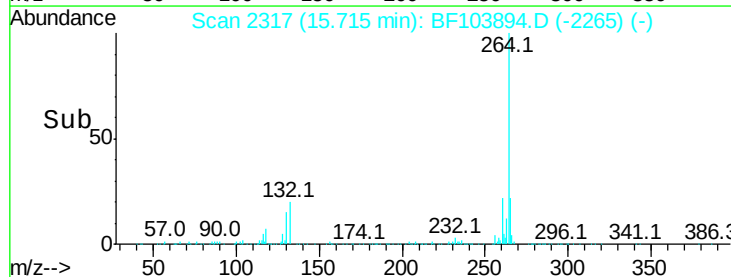
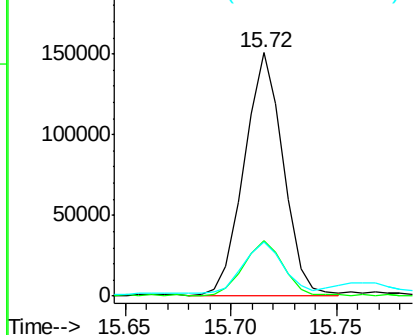


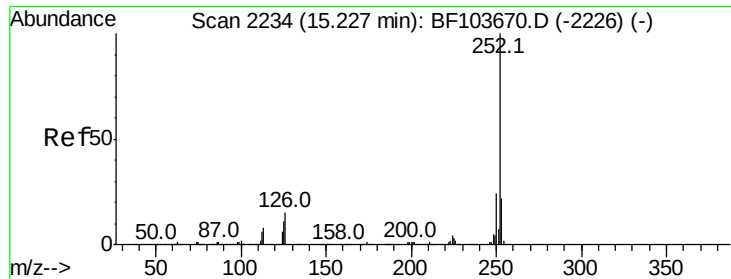
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2317
 Delta R.T. 0.01 min
 Lab File: BF103894.D
 Acq: 23 Mar 2018 22:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.4	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: 49.241 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

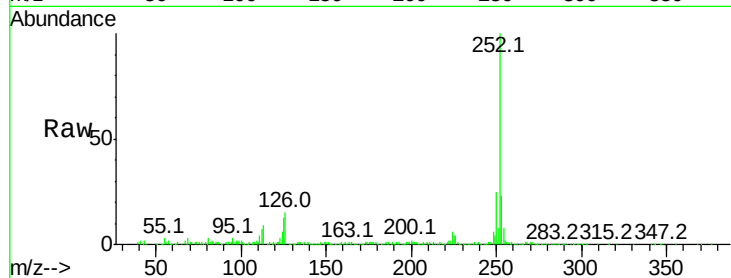
Tot Ion:252 Resp: 596433

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

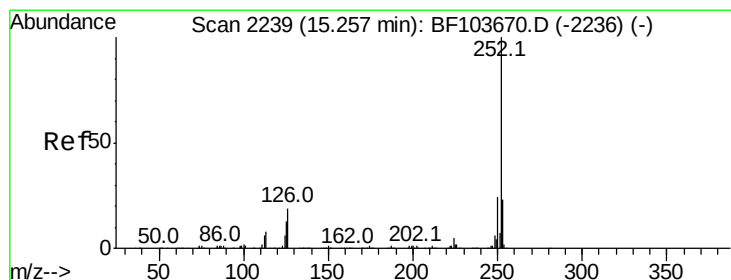
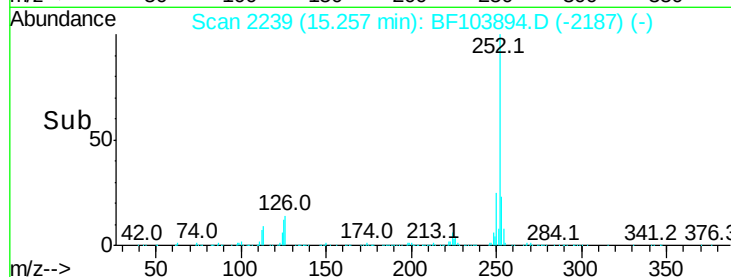
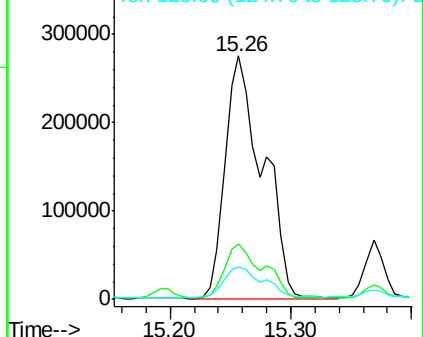
125 13.2 9.0 13.6



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: 51.225 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

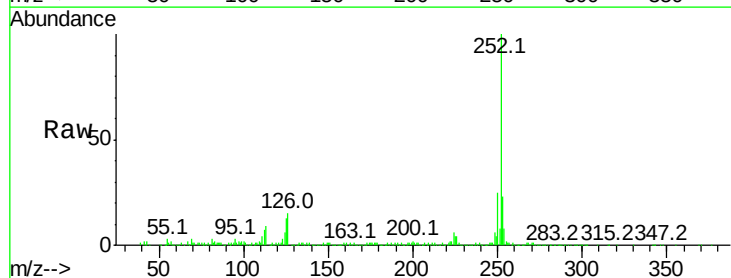
Tgt Ion:252 Resp: 596433

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

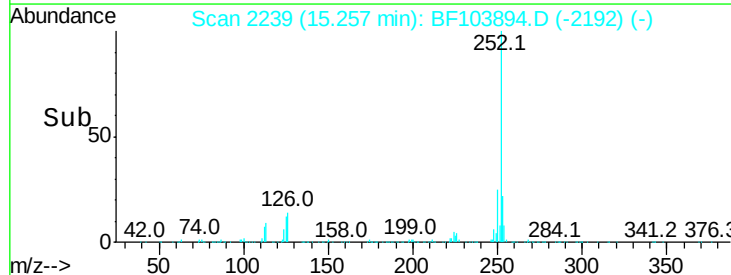
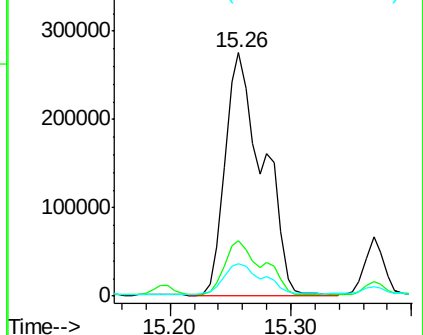
125 13.2 10.2 15.2

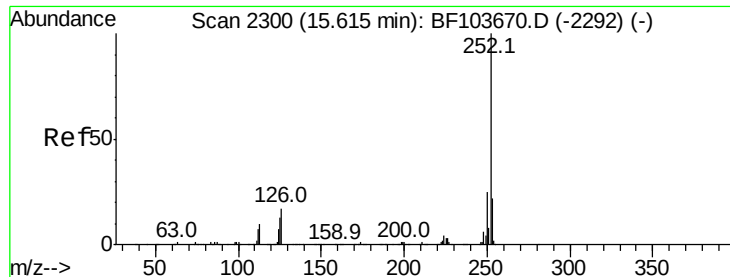


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

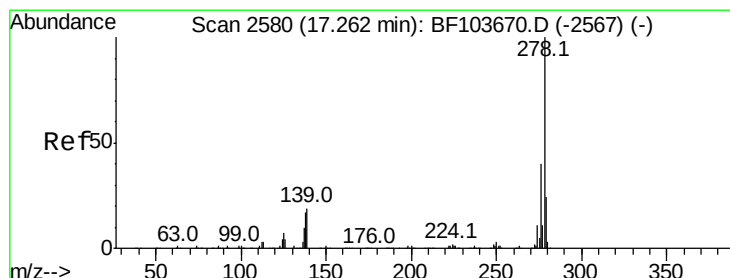
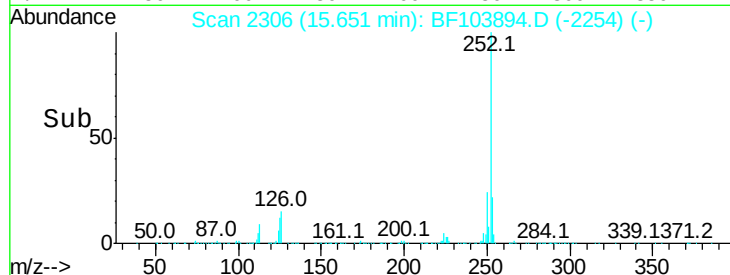
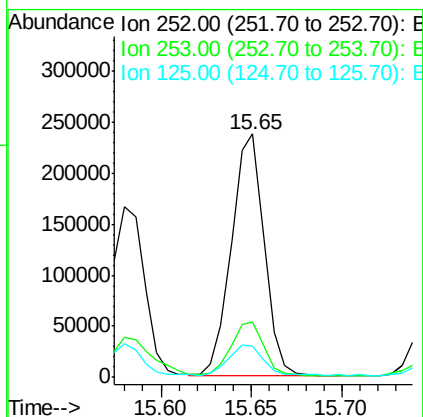
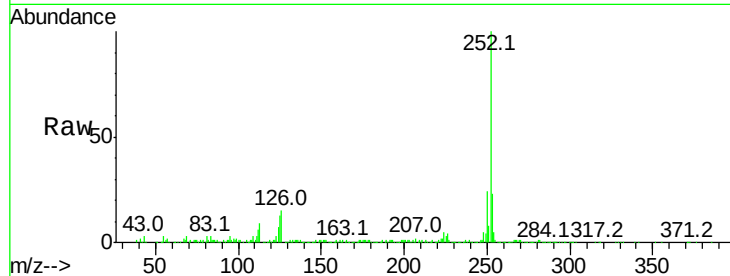




#89
Benzo(a)pyrene
Concen: 27.206 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

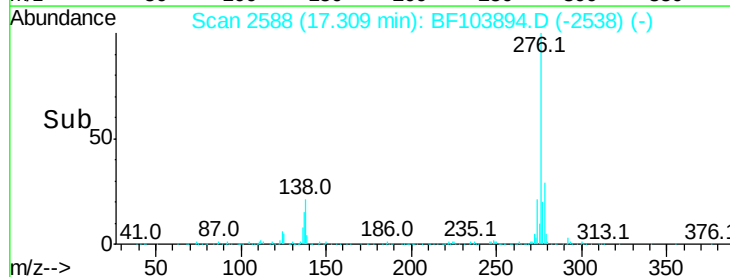
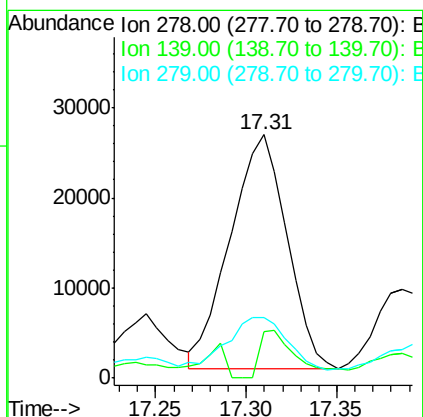
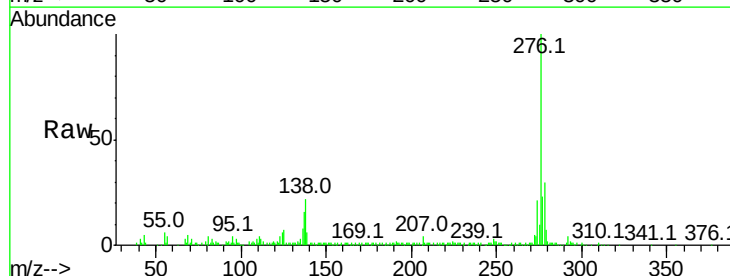
Instrument :
BNA_F
ClientSampleId :

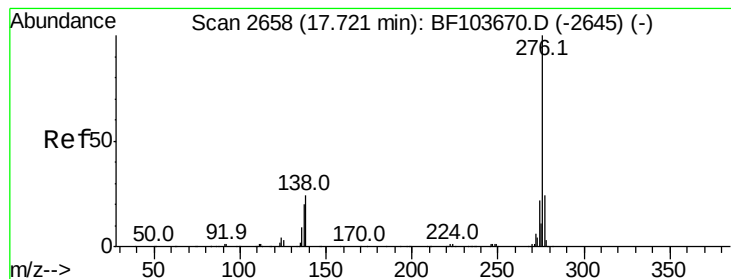
Tot Ion:252 Resp: 298897
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 12.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 5.951 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103894.D
Acq: 23 Mar 2018 22:18

Tgt Ion:278 Resp: 56609
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 24.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 22.937 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103894.D

Acq: 23 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

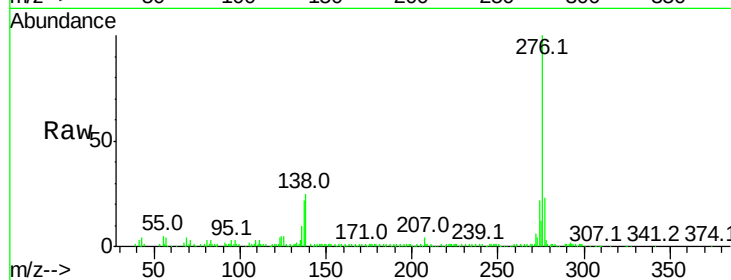
Tot Ion: 276 Resp: 212269

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 24.6 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

