

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103006.D
 Acq On : 14 Feb 2018 23:45
 Operator : SJ/JU
 Sample : J1537-06RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 02:10:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167626	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	666191	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	251224	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357845	20.00	ng	0.00
75) Chrysene-d12	14.05	240	267117	20.00	ng	0.01
86) Perylene-d12	15.54	264	213926	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1309487	118.64	ng	0.02
7) Phenol-d6	6.51	99	1550510	116.67	ng	0.01
23) Nitrobenzene-d5	7.44	82	956838	99.64	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	230606	114.05	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1396672	92.25	ng	0.00
78) Terphenyl-d14	12.99	244	934635	82.85	ng	0.00

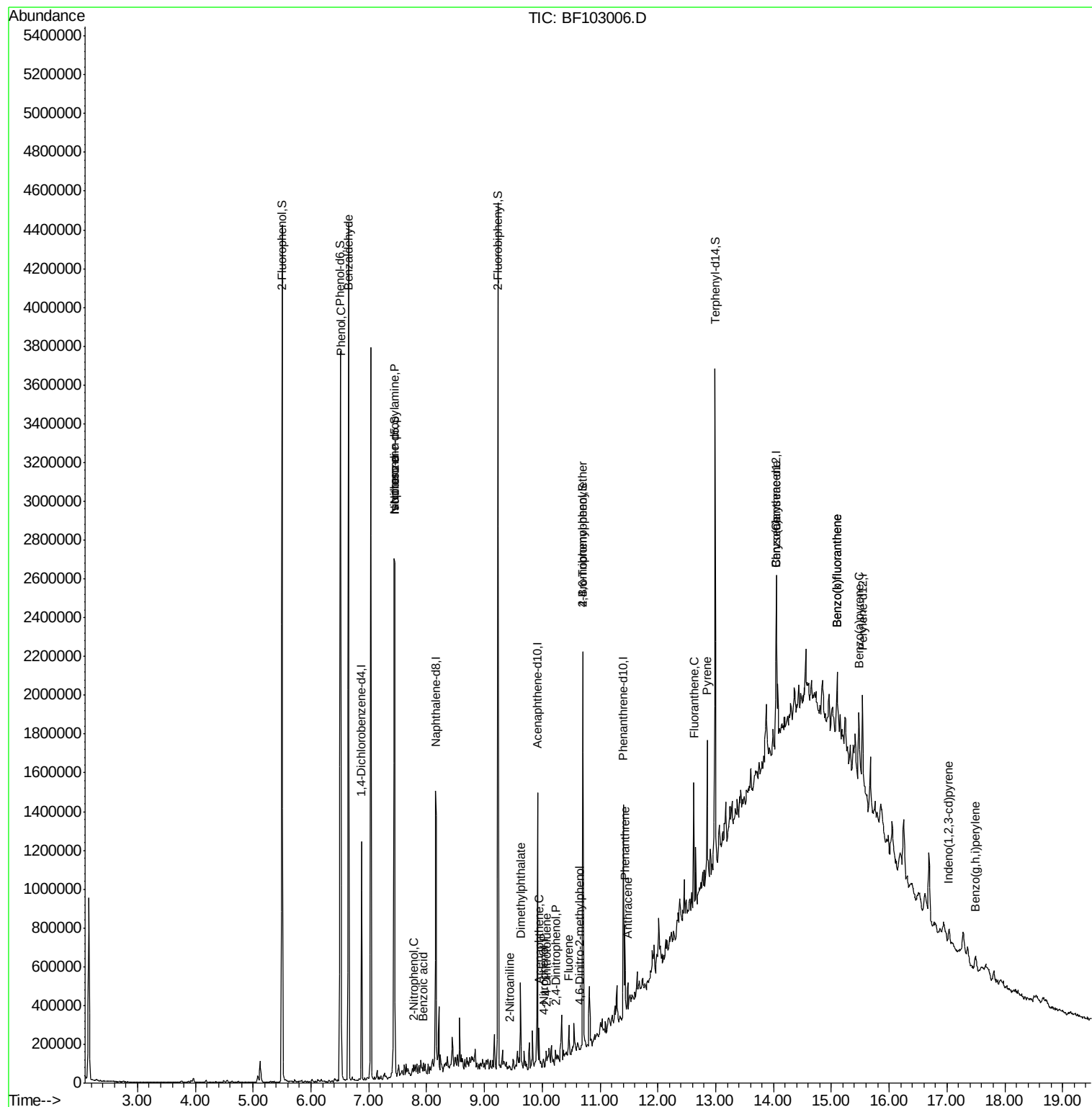
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	27261	2.76	ng	82
10) Phenol	6.52	94	112344	7.89	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	125206	14.29	ng	# 79
25) Isophorone	7.44	82	956838	43.27	ng	# 64
26) 2-Nitrophenol	7.77	139	397	8.74	ng	# 1
32) Benzoic acid	7.93	122	175	8.57	ng	# 81
47) 2-Nitroaniline	9.45	65	483	3.56	ng	# 30
49) Dimethylphthalate	9.62	163	111743	5.70	ng	99
51) Acenaphthene	9.95	154	32326	2.09	ng	98
53) 2,4-Dinitrophenol	10.23	184	238	8.29	ng	# 1
55) 4-Nitrophenol	10.03	139	1677	4.45	ng	# 1
56) 2,4-Dinitrotoluene	10.07	165	3797	3.79	ng	# 48
57) Fluorene	10.46	166	37785	2.38	ng	95
64) 4,6-Dinitro-2-methylphenol	10.65	198	304	8.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15748	4.16	ng	# 1
70) Phenanthrene	11.43	178	147534	7.40	ng	100
71) Anthracene	11.48	178	53748	2.65	ng	97
74) Fluoranthene	12.62	202	237843	11.86	ng	99
77) Pyrene	12.85	202	275307	13.14	ng	99
80) Benzo(a)anthracene	14.04	228	117270	6.98	ng	# 93
82) Chrysene	14.04	228	117270	6.92	ng	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	49561	3.53	ng	94
87) Benzo(b)fluoranthene	15.10	252	158879	11.46	ng	# 74
88) Benzo(k)fluoranthene	15.10	252	158879	11.99	ng	# 77
89) Benzo(a)pyrene	15.47	252	90473	7.25	ng	# 79
91) Benzo(g,h,i)perylene	17.49	276	52688	5.31	ng	# 88

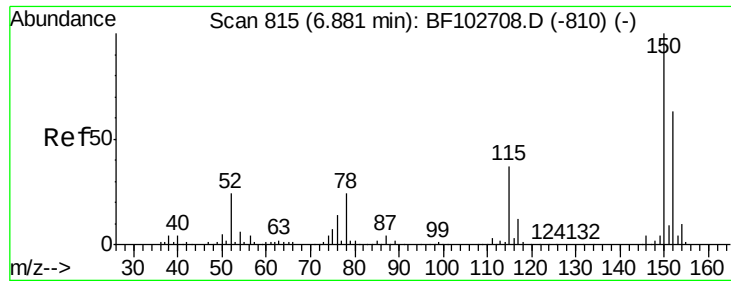
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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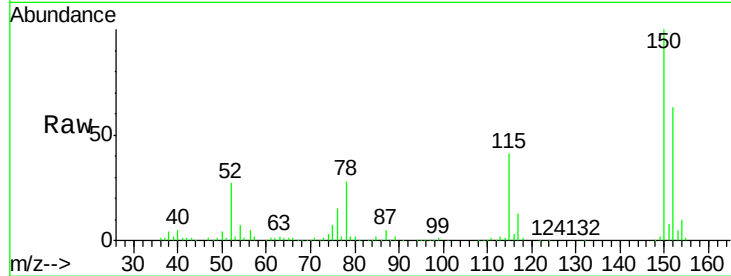


#1

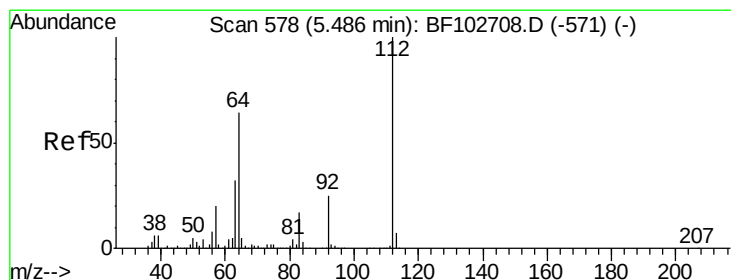
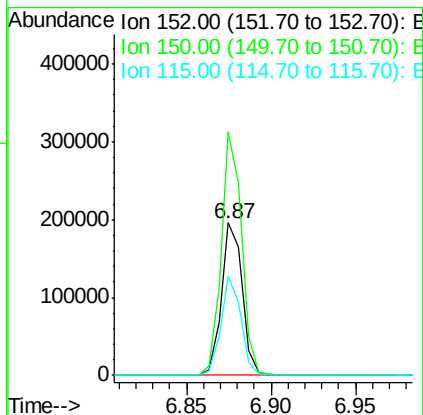
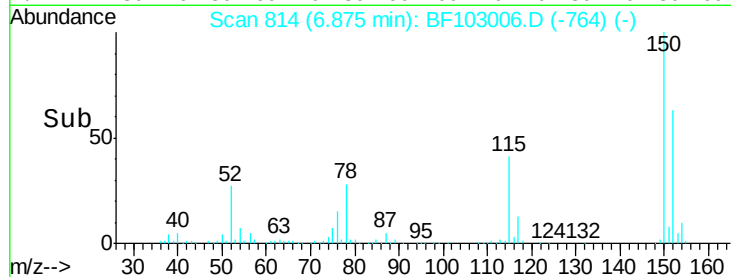
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167626
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.9 50.1 75.1



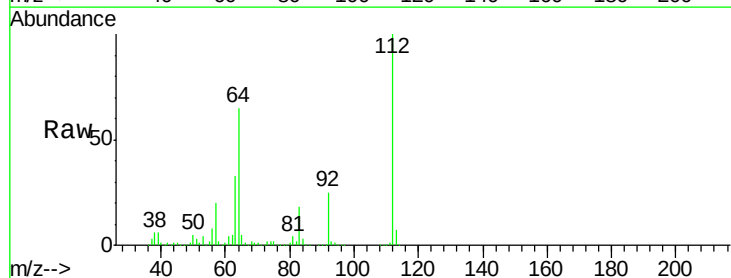
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



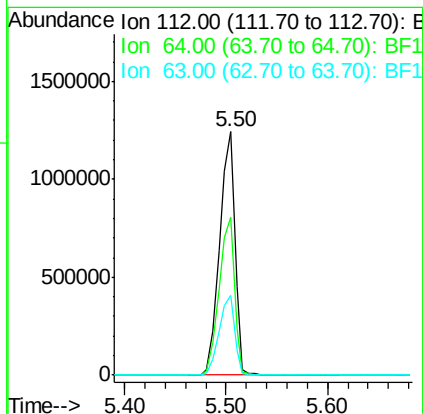
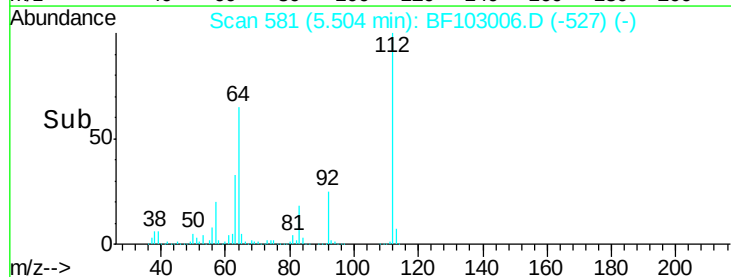
#5

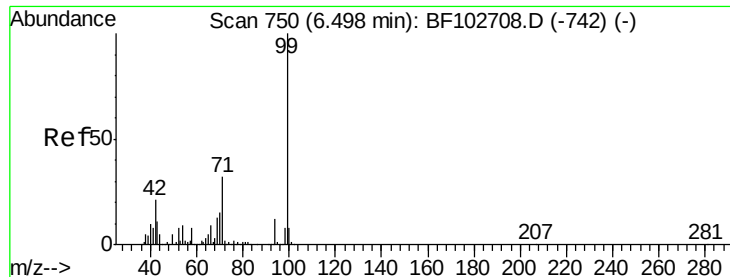
2-Fluorophenol
Concen: 118.64 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:112 Resp: 1309487
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 32.6 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: 116.67 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

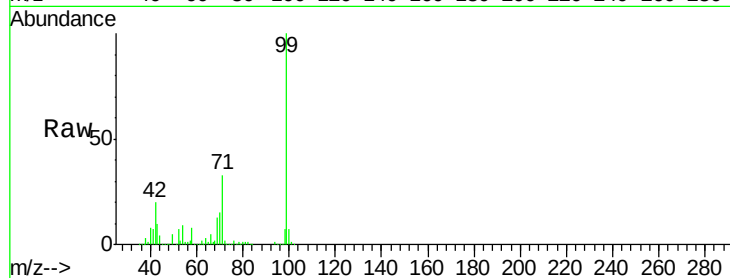
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1550510

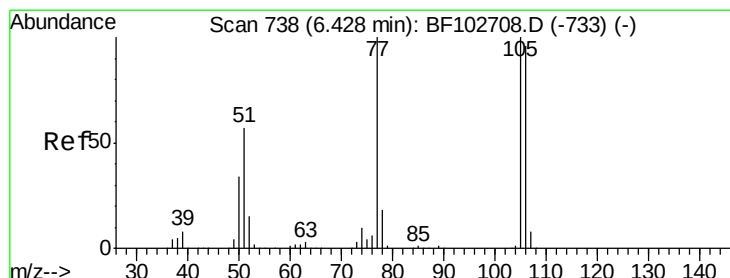
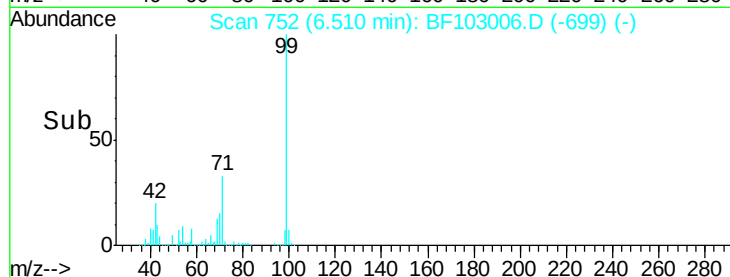
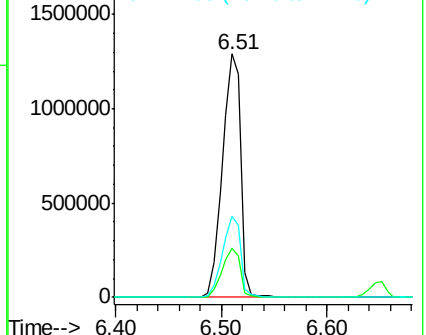
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.4	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.65 min Scan# 776

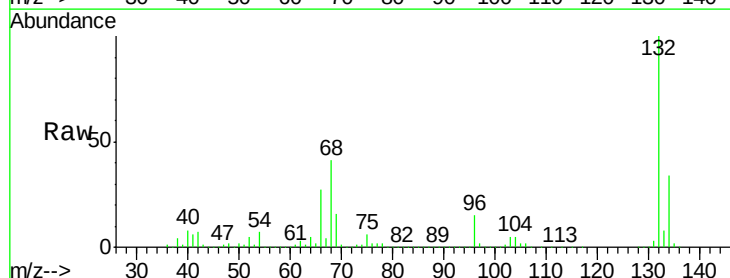
Delta R.T. 0.22 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Tgt Ion: 77 Resp: 27261

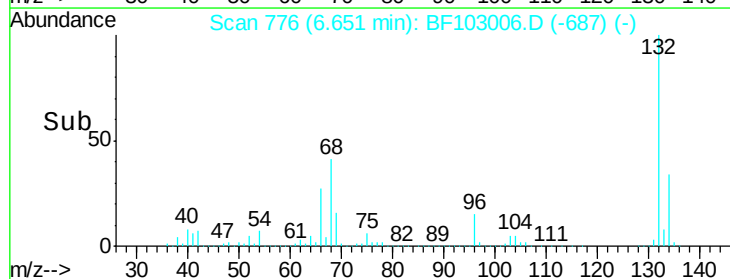
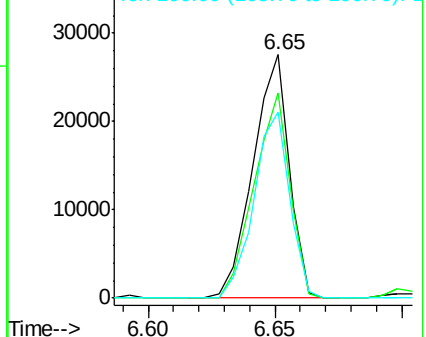
Ion	Ratio	Lower	Upper
77	100		
105	84.2	81.1	121.1
106	76.6	74.5	114.5

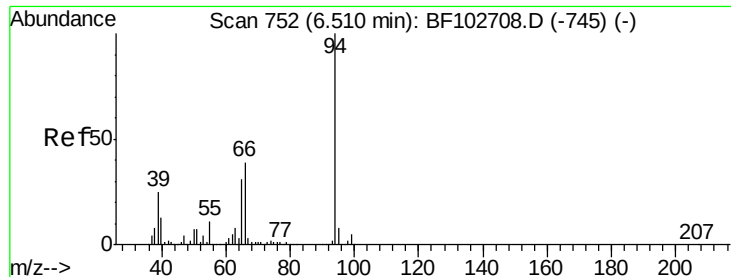


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

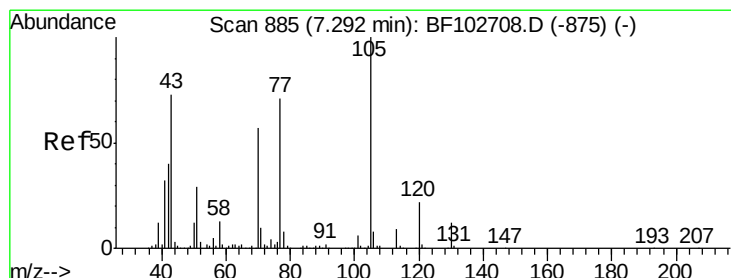
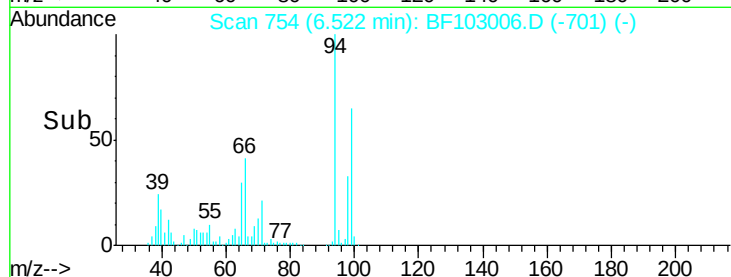
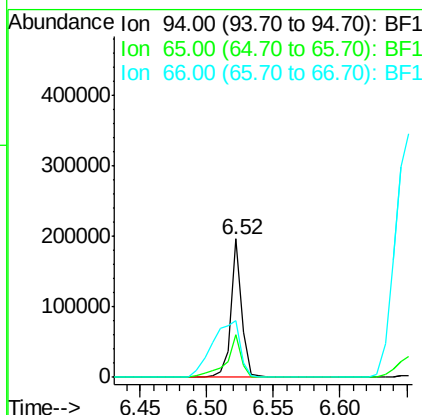
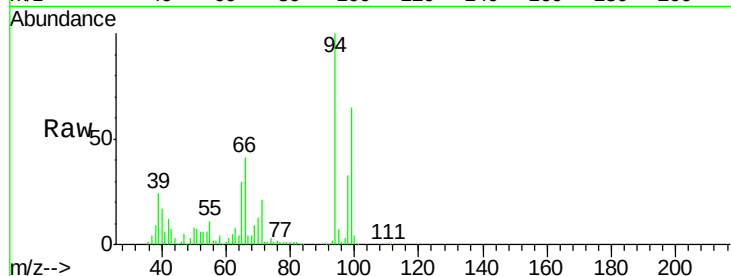




#10
Phenol
Concen: 7.89 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

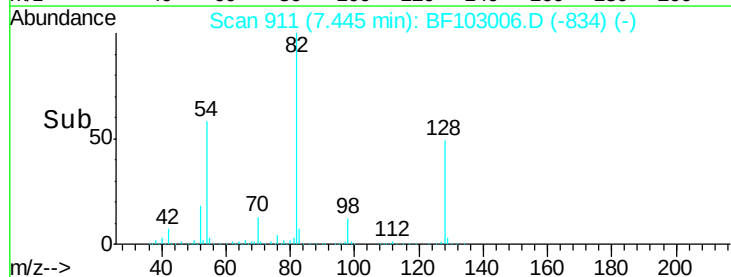
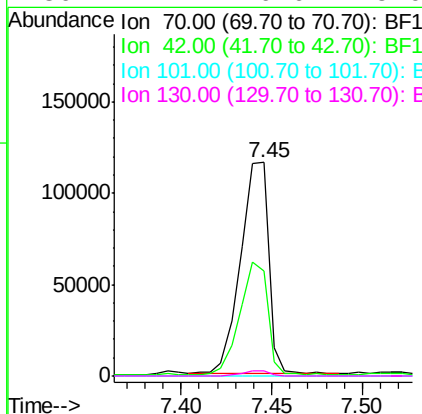
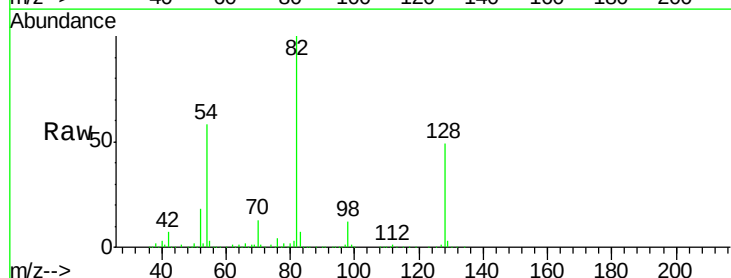
Instrument :
BNA_F
ClientSampled :

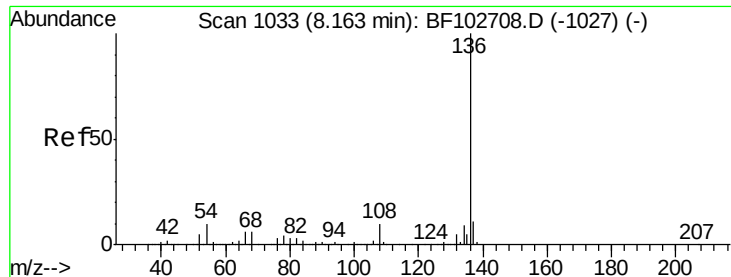
Tot Ion: 94 Resp: 112344
Ion Ratio Lower Upper
94 100
65 30.5 7.9 47.9
66 41.1 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion: 70 Resp: 125206
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

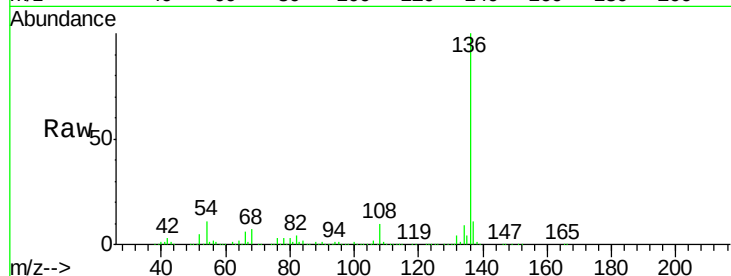




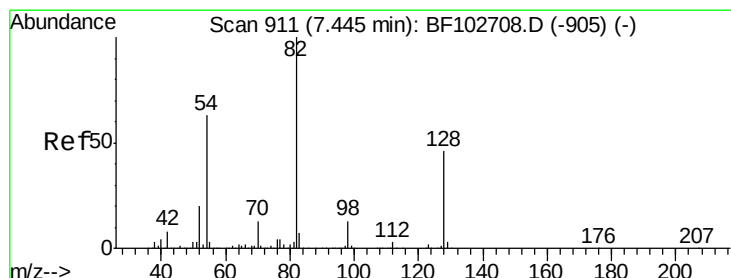
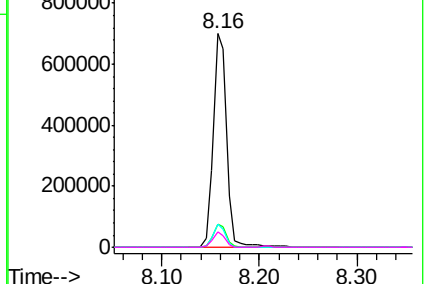
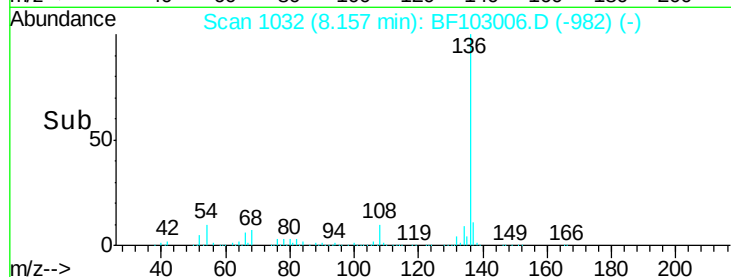
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	666191
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.6	6.6 9.8#
68	7.0	5.0 7.4

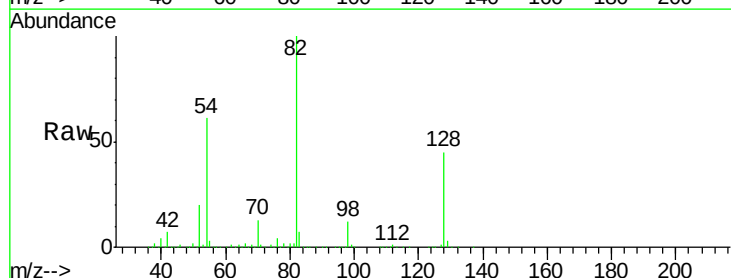


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

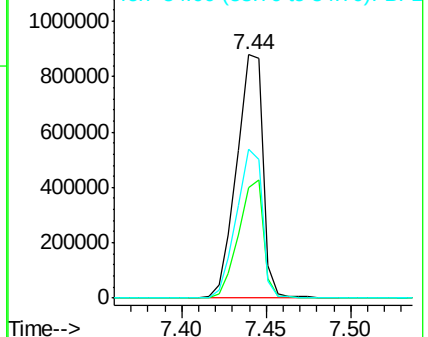
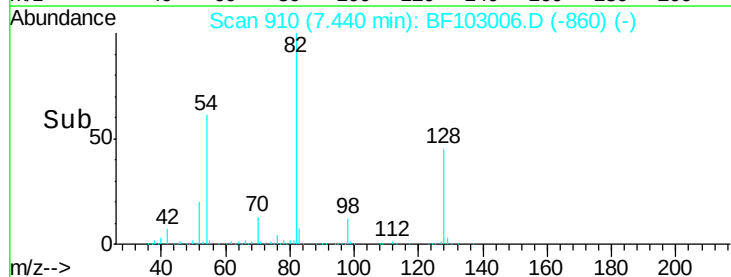


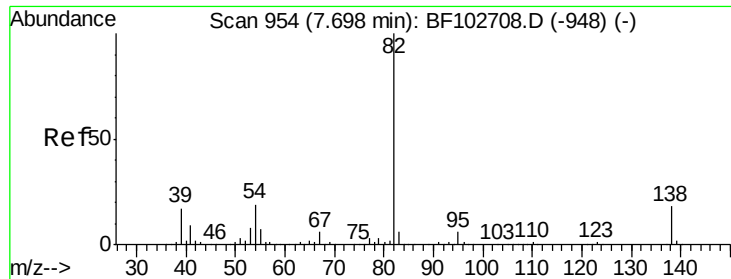
#23
Nitrobenzene-d5
Concen: 99.64 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion: 82	Resp:	956838
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	60.9	41.4 62.2



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





#25

Isophorone

Concen: 43.27 ng

RT: 7.44 min Scan# 910

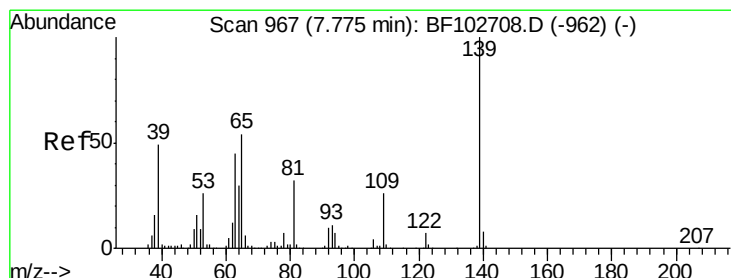
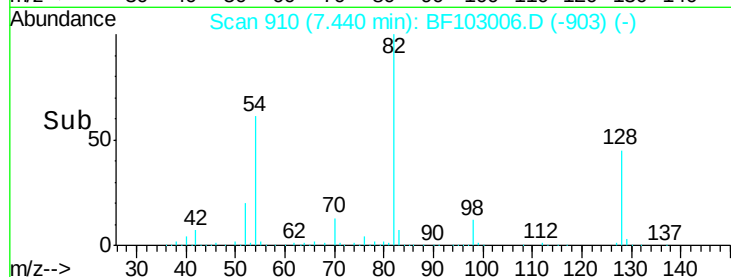
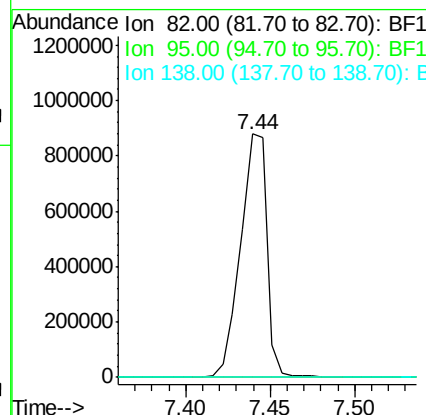
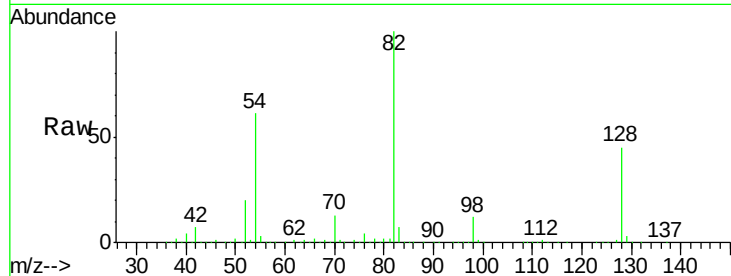
Delta R.T. -0.26 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	956838
Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



#26

2-Nitrophenol

Concen: 8.74 ng

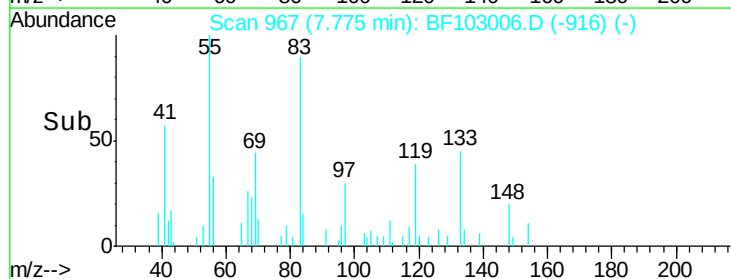
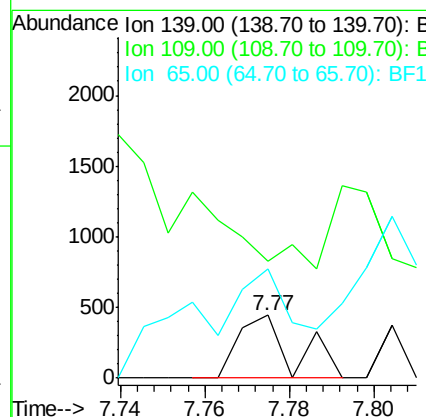
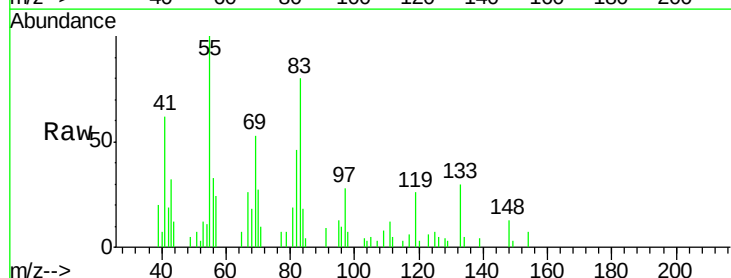
RT: 7.77 min Scan# 967

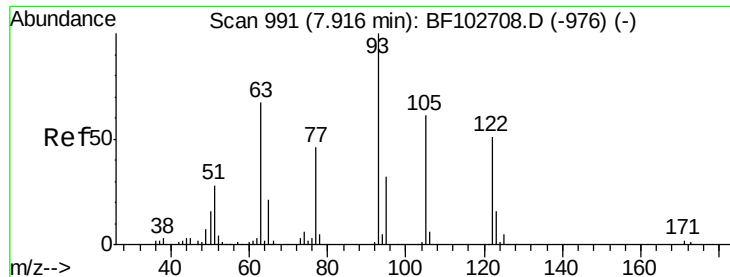
Delta R.T. 0.00 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Tgt Ion:	139	Resp:	397
Ion	Ratio	Lower	Upper
139	100		
109	187.2	22.7	34.1#
65	175.0	40.5	60.7#

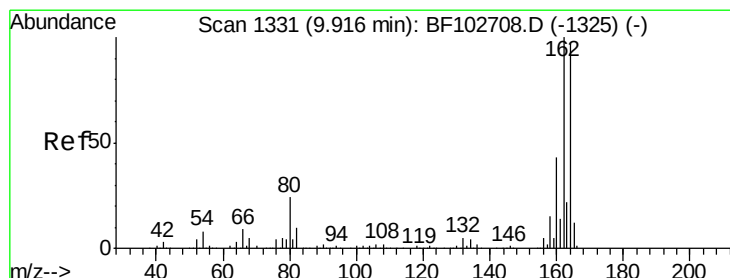
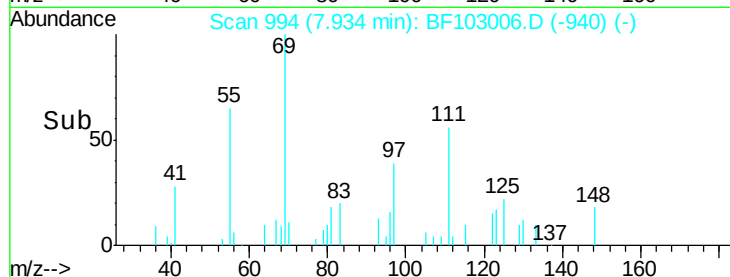
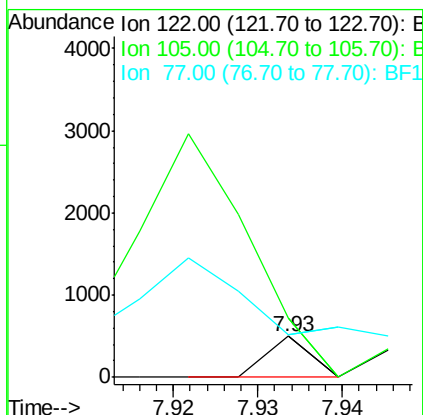
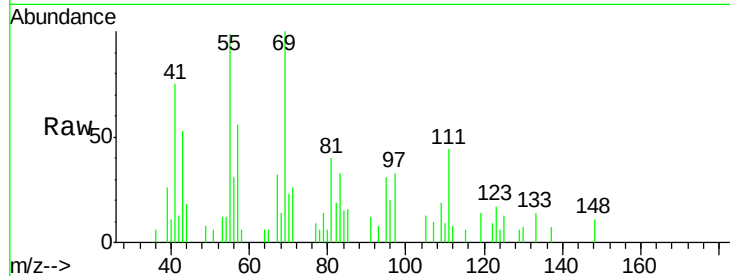




#32
Benzoic acid
Concen: 8.57 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

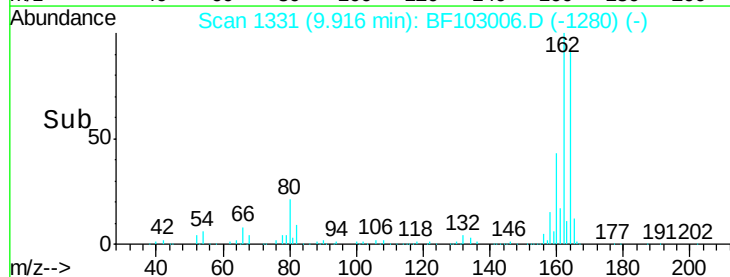
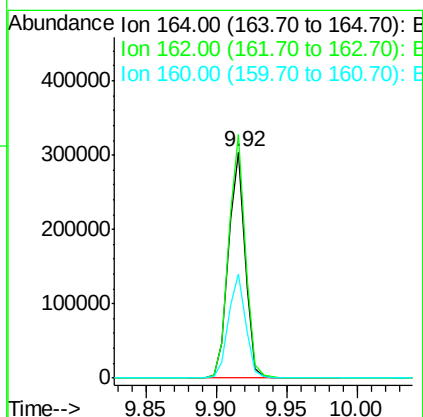
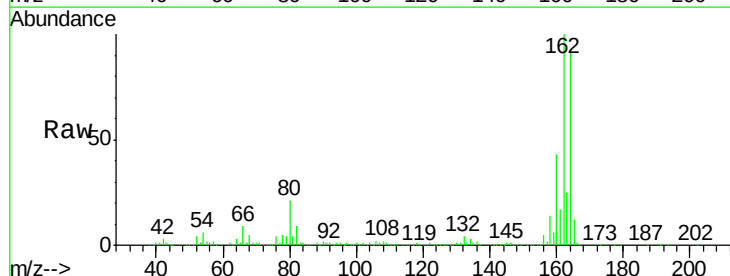
Instrument :
BNA_F
ClientSampleId :

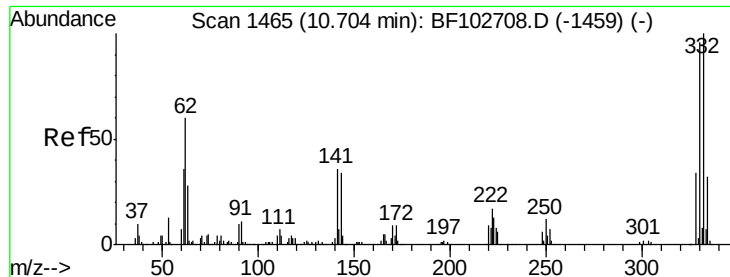
Tot Ion:122 Resp: 175
Ion Ratio Lower Upper
122 100
105 144.9 101.1 141.1#
77 105.6 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:164 Resp: 251224
Ion Ratio Lower Upper
164 100
162 107.7 86.1 129.1
160 46.0 38.3 57.5

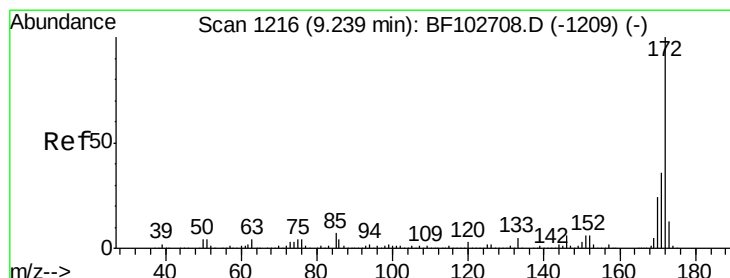
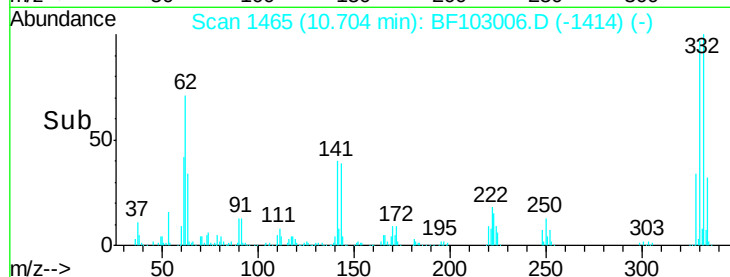
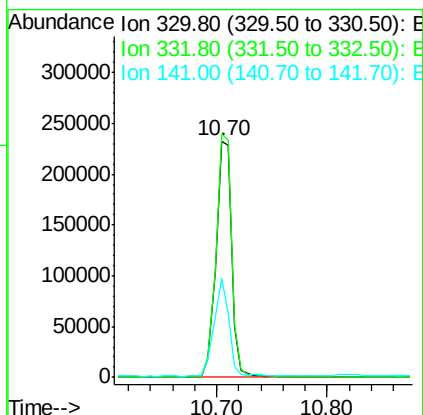
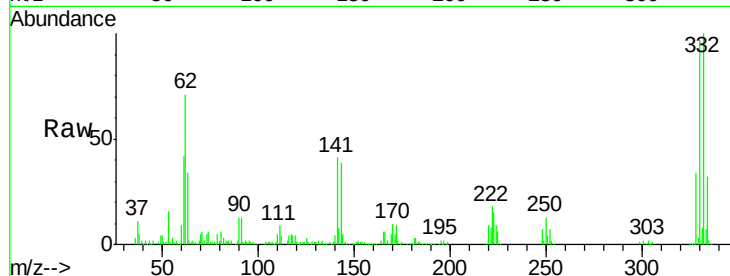




#41
 2,4,6-Tribromophenol
 Concen: 114.05 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

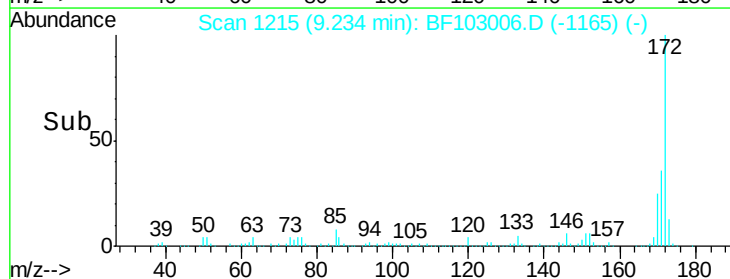
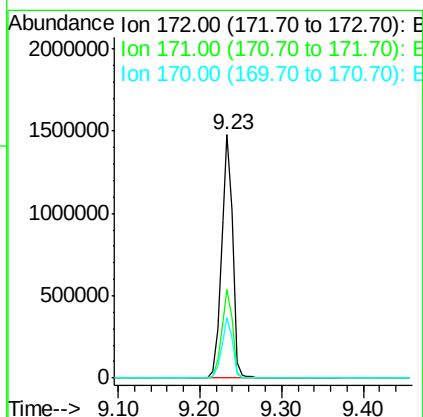
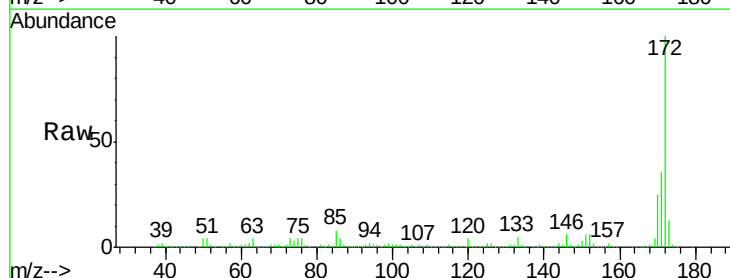
Instrument :
 BNA_F
 ClientSampleId :

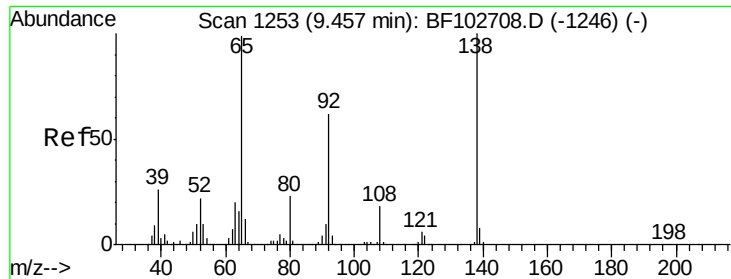
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	38.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 92.25 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4





#47

2-Nitroaniline

Concen: 3.56 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Instrument :

BNA_F

ClientSampled :

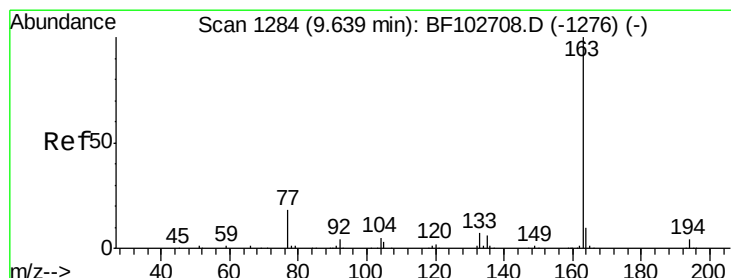
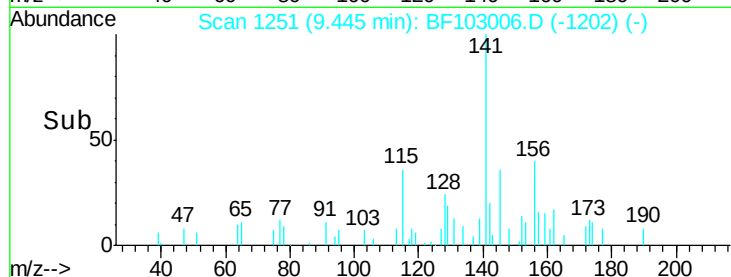
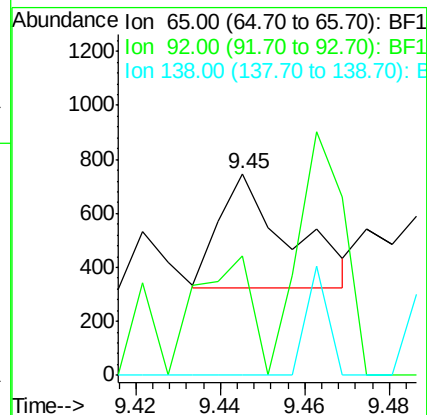
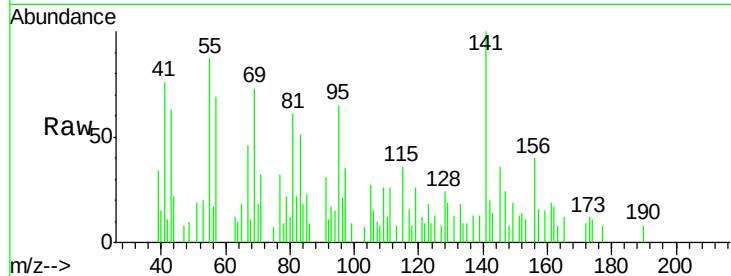
Tot Ion: 65 Resp: 483

Ion Ratio Lower Upper

65 100

92 59.2 55.8 83.6

138 0.0 91.2 136.8#



#49

Dimethylphthalate

Concen: 5.70 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

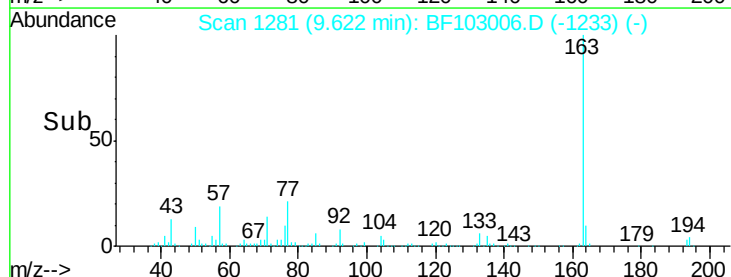
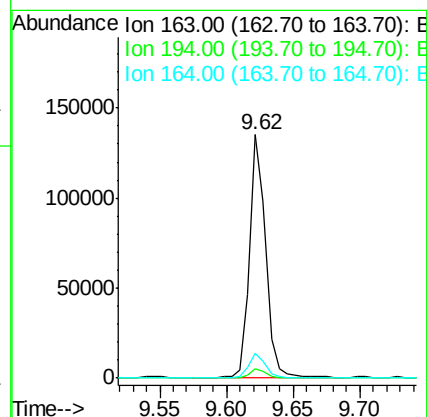
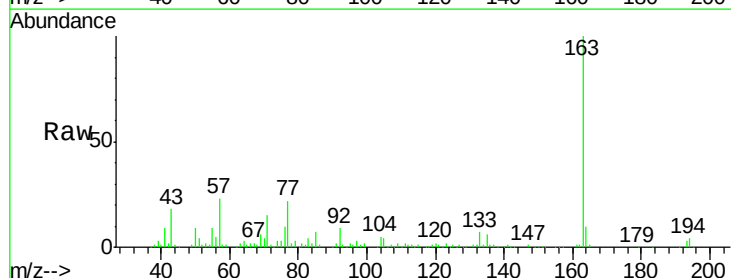
Tgt Ion: 163 Resp: 111743

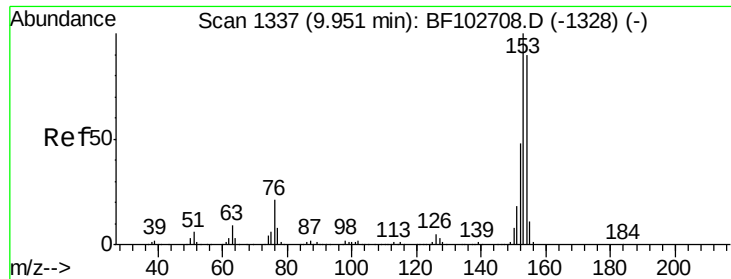
Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 9.9 8.2 12.2





#51

Acenaphthene

Concen: 2.09 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Instrument :

BNA_F

ClientSampleId :

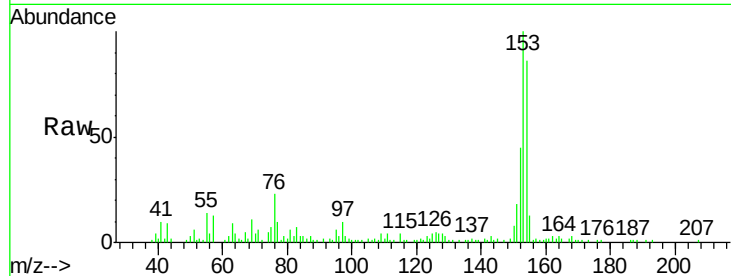
Tot Ion:154 Resp: 32326

Ion Ratio Lower Upper

154 100

153 115.9 91.2 136.8

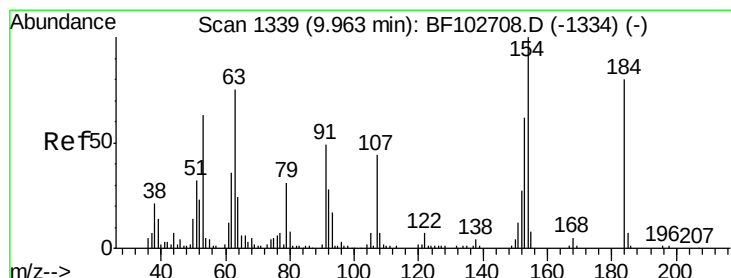
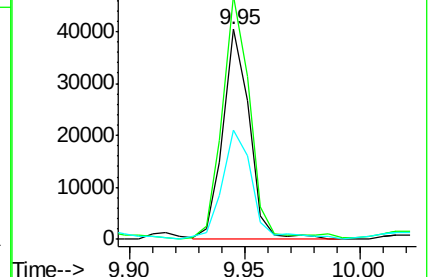
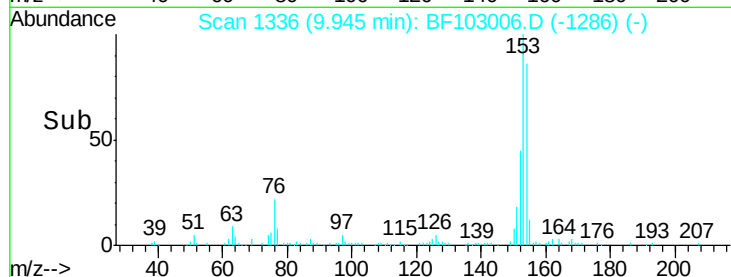
152 52.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.29 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.27 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

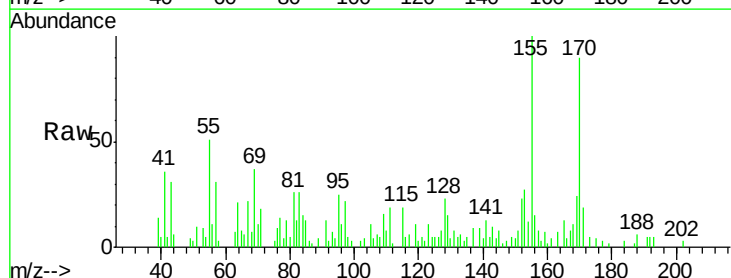
Tgt Ion:184 Resp: 238

Ion Ratio Lower Upper

184 100

63 273.7 54.2 81.2#

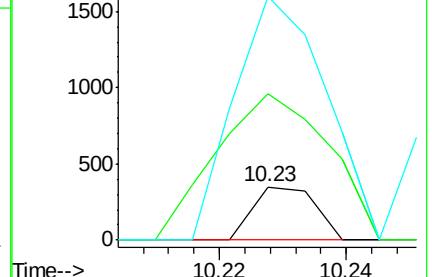
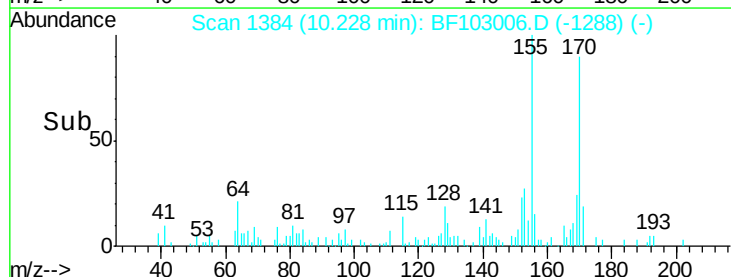
154 456.6 184.0 276.0#

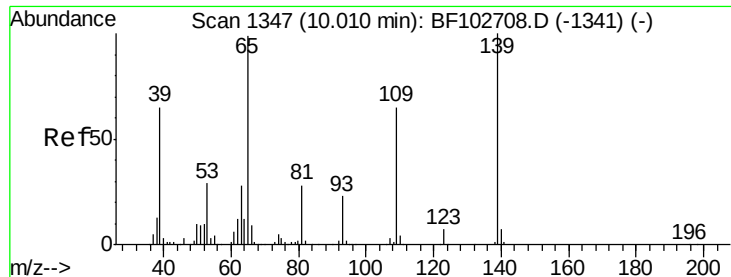


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

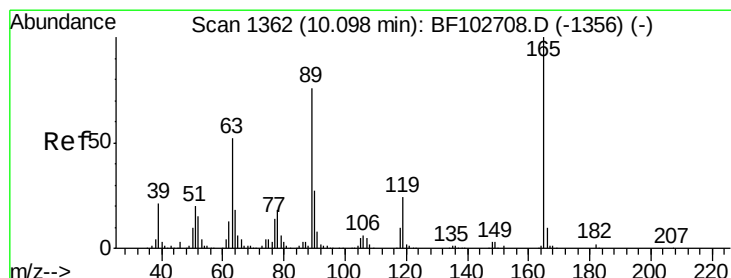
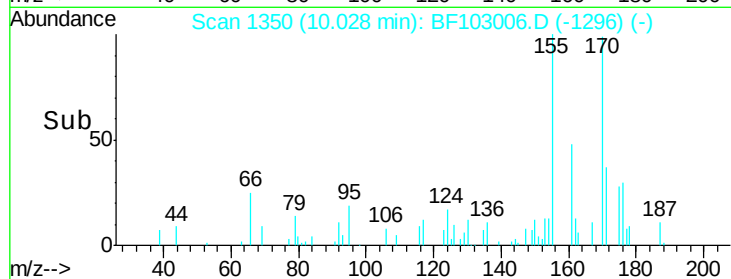
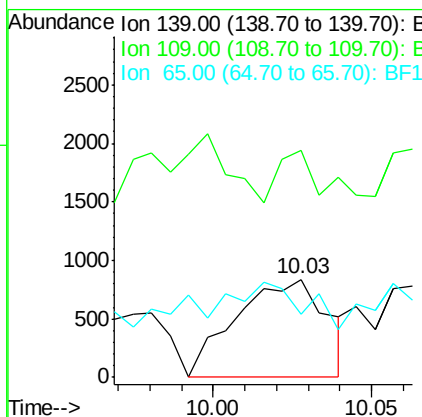
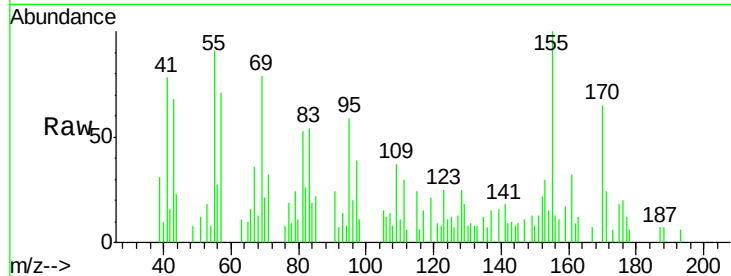




#55
4-Nitrophenol
Concen: 4.45 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

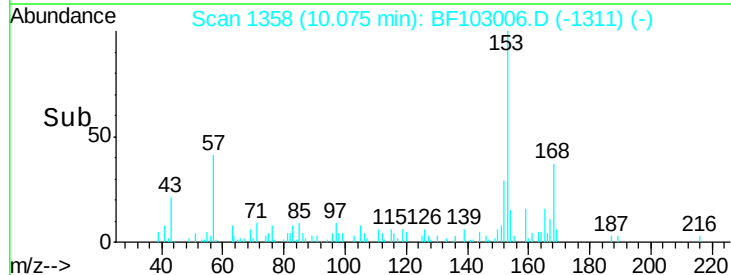
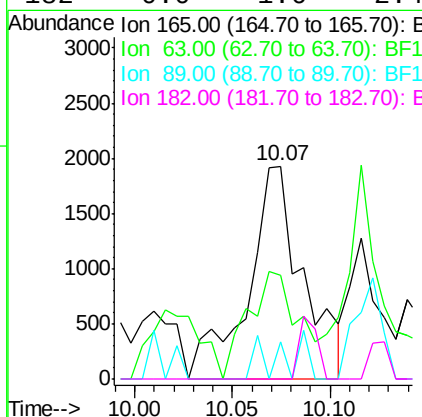
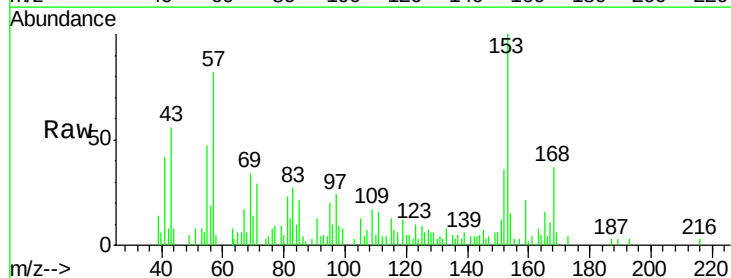
Instrument :
BNA_F
ClientSampled :

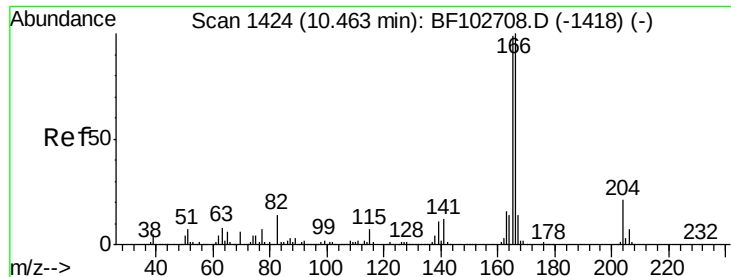
Tot Ion:139 Resp: 1677
Ion Ratio Lower Upper
139 100
109 232.7 48.4 88.4#
65 64.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.79 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:165 Resp: 3797
Ion Ratio Lower Upper
165 100
63 66.8 36.4 54.6#
89 17.2 57.8 86.6#
182 0.0 1.6 2.4#

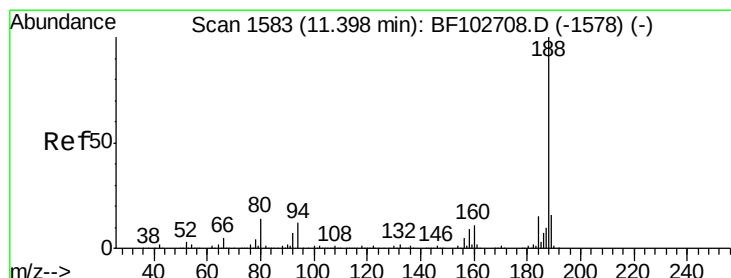
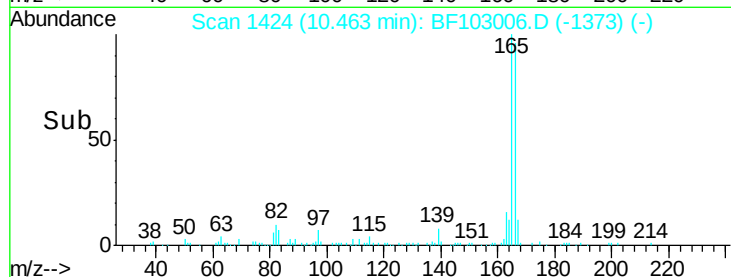
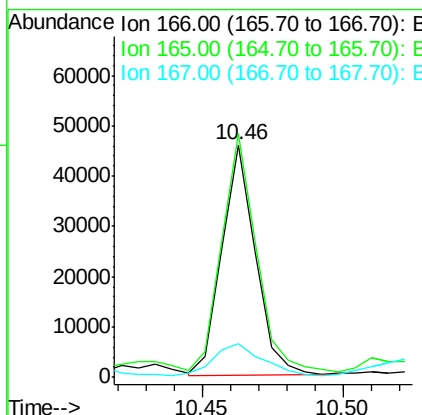
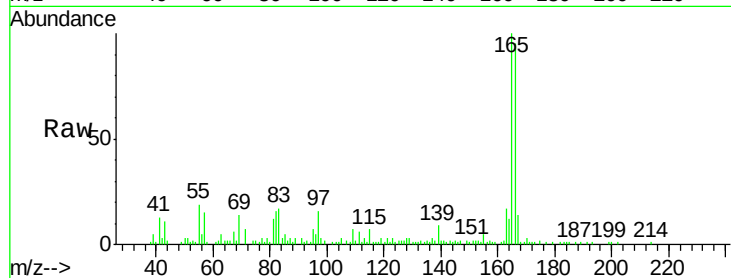




#57
 Fluorene
 Concen: 2.38 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

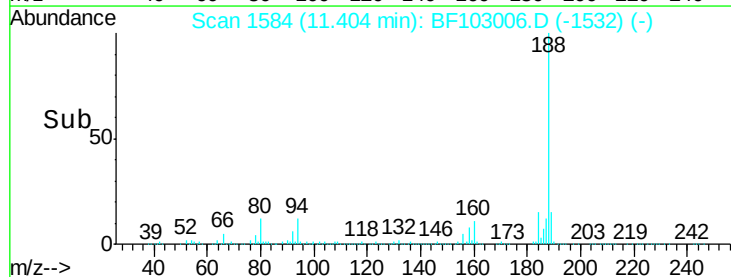
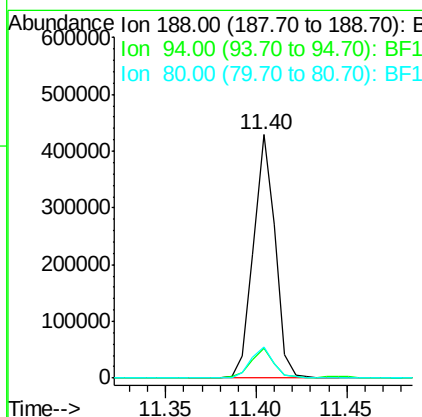
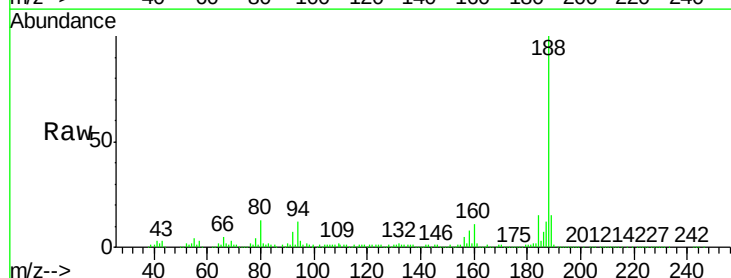
Instrument :
 BNA_F
 ClientSampleId :

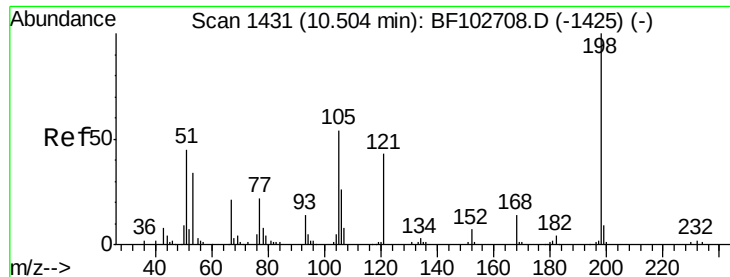
Tot Ion:166 Resp: 37785
 Ion Ratio Lower Upper
 166 100
 165 104.9 79.8 119.8
 167 14.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

Tgt Ion:188 Resp: 357845
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.6 9.2 13.8

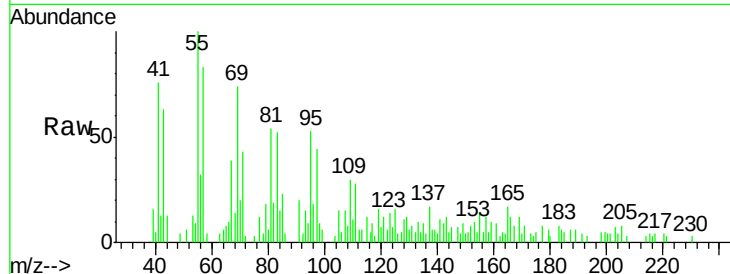




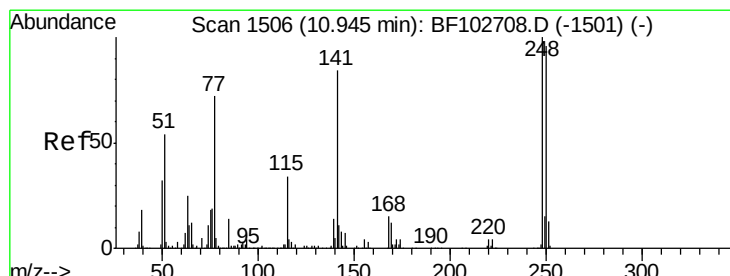
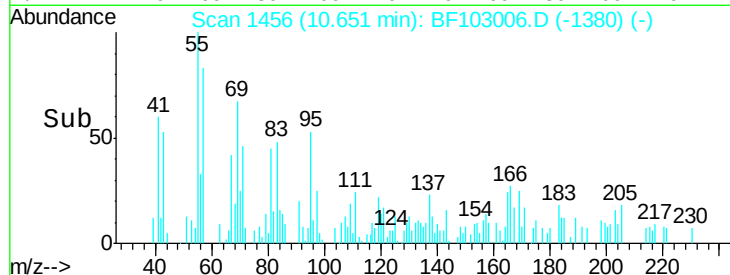
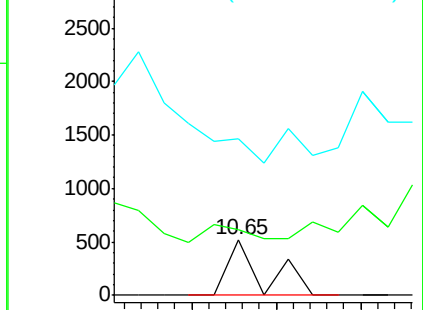
#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.15 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 304
Ion Ratio Lower Upper
198 100
51 118.0 37.7 77.7#
105 280.6 36.3 76.3#

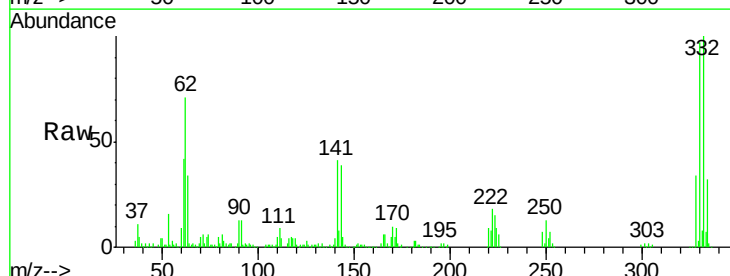


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

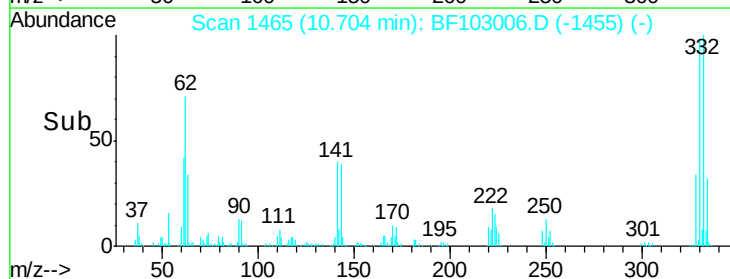
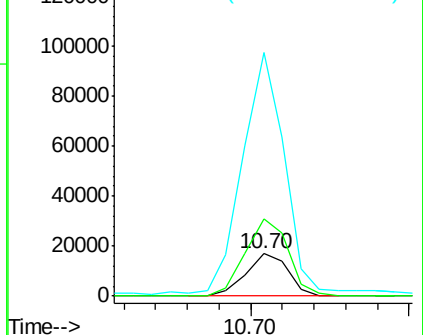


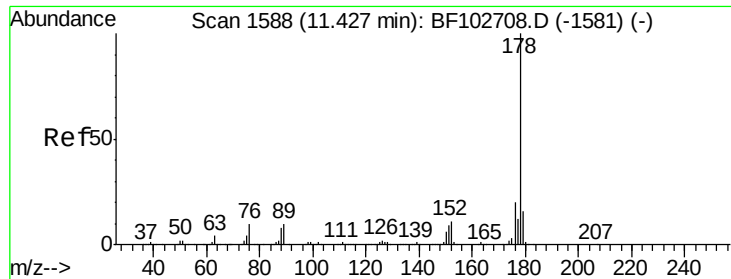
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:248 Resp: 15748
Ion Ratio Lower Upper
248 100
250 182.6 76.9 115.3#
141 579.2 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

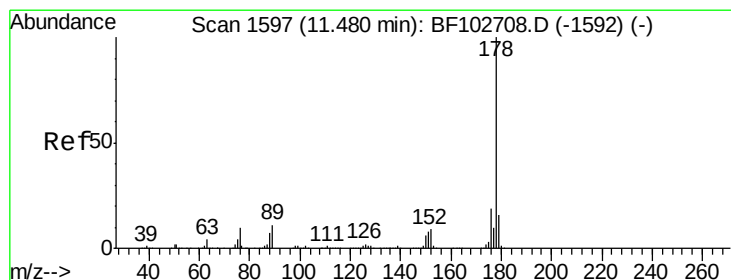
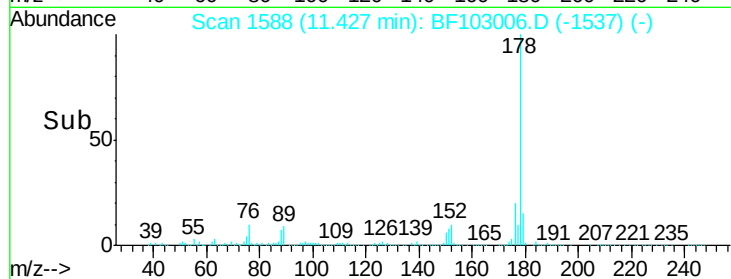
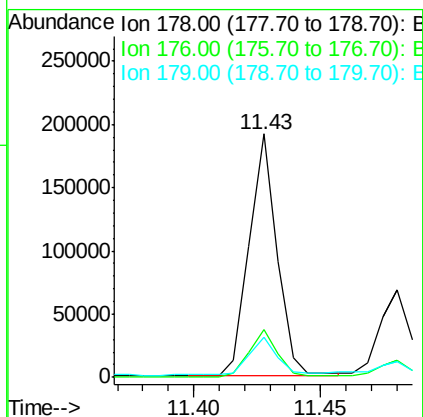
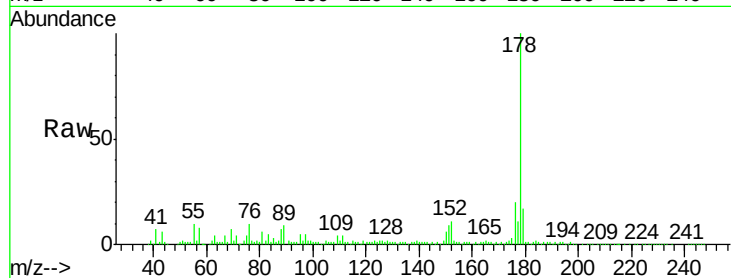




#70
Phenanthrene
Concen: 7.40 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

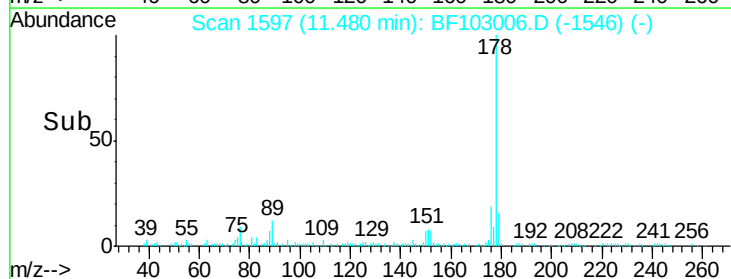
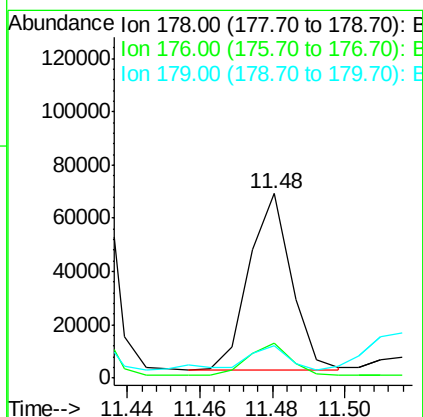
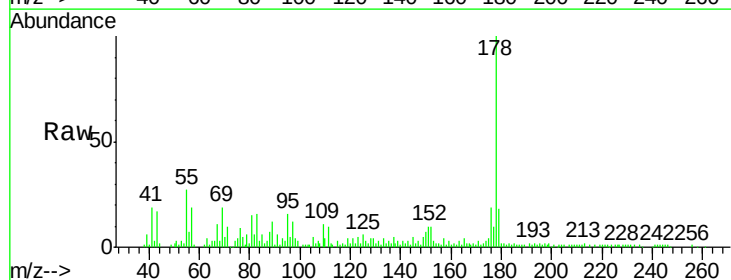
Instrument :
BNA_F
ClientSampled :

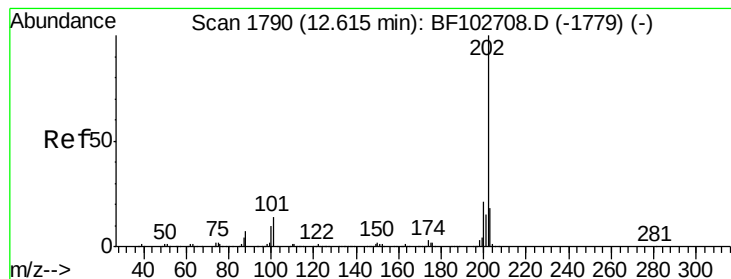
Tot Ion:178 Resp: 147534
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.5 13.0 19.6



#71
Anthracene
Concen: 2.65 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:178 Resp: 53748
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 17.9 12.6 19.0





#74

Fluoranthene

Concen: 11.86 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Instrument :

BNA_F

ClientSampleId :

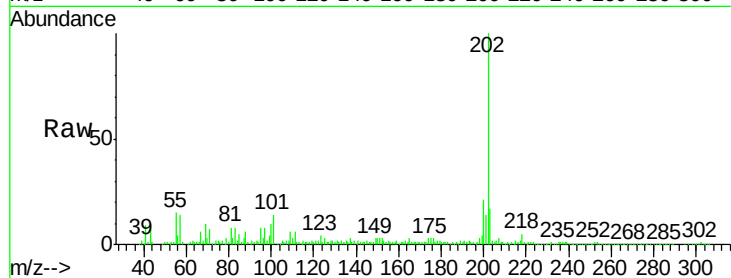
Tot Ion:202 Resp: 237843

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

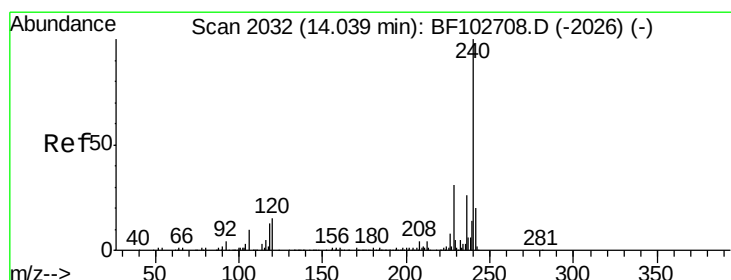
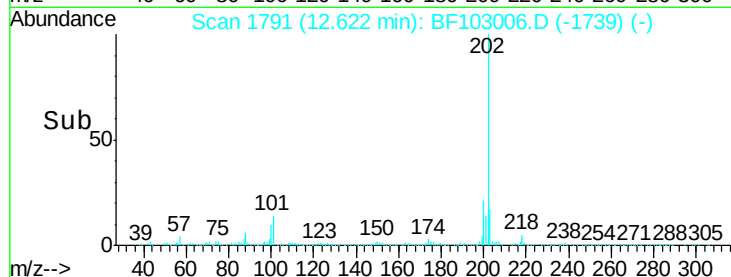
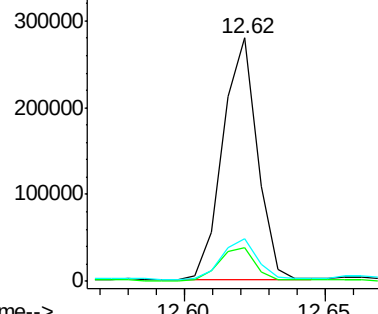
203 17.3 0.0 38.1



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: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

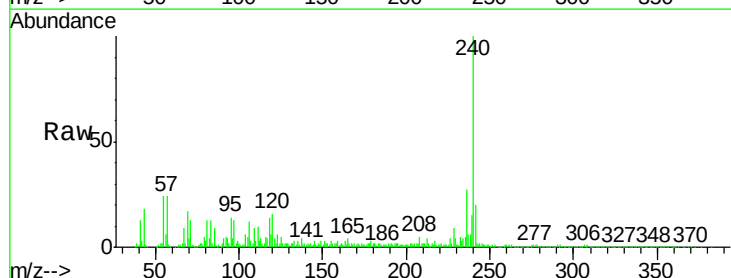
Tgt Ion:240 Resp: 267117

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

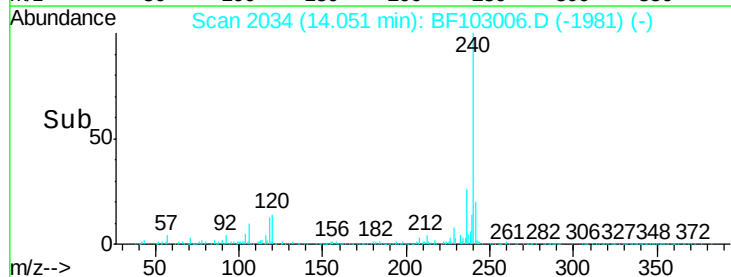
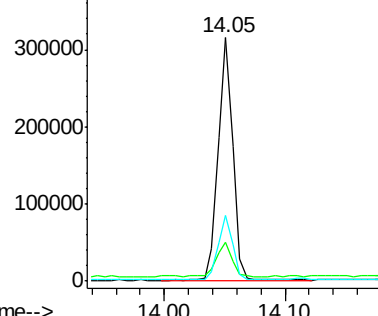
236 26.9 20.7 31.1

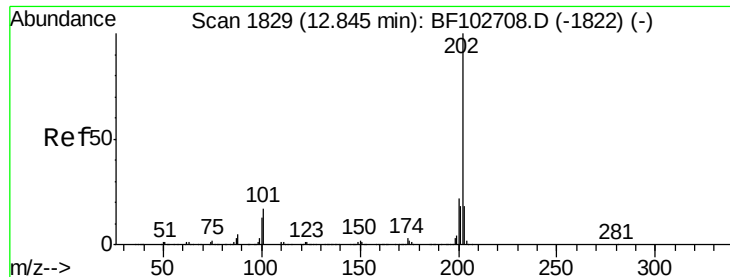


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

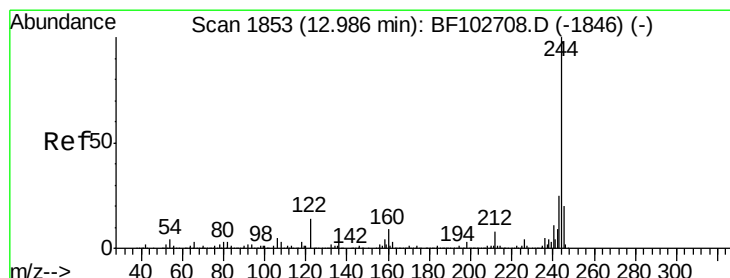
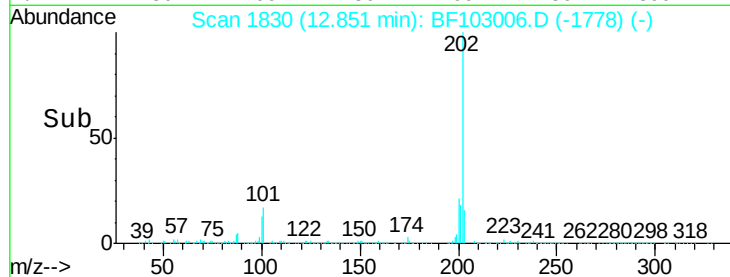
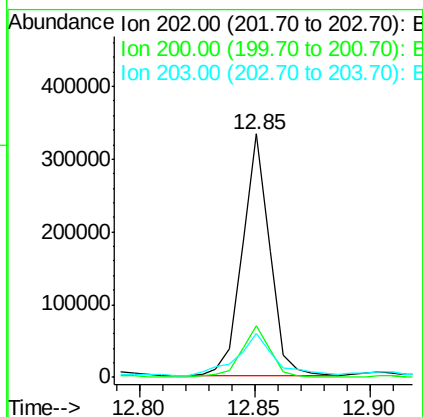
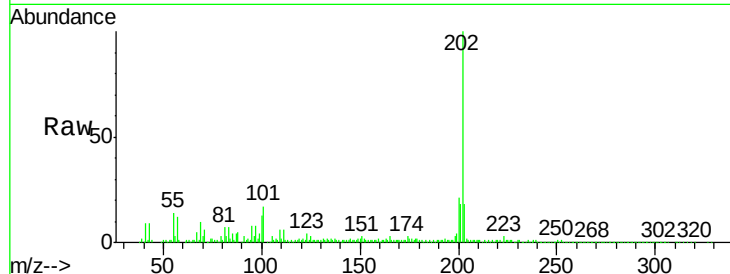




#77
Pvrene
Concen: 13.14 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

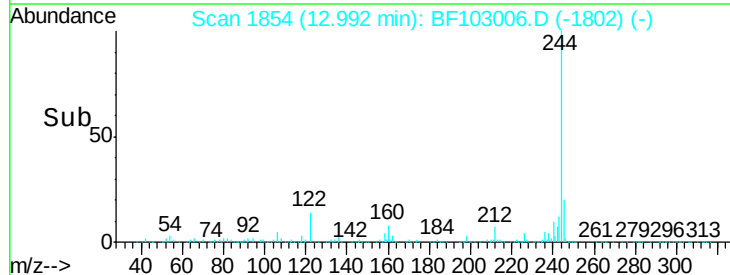
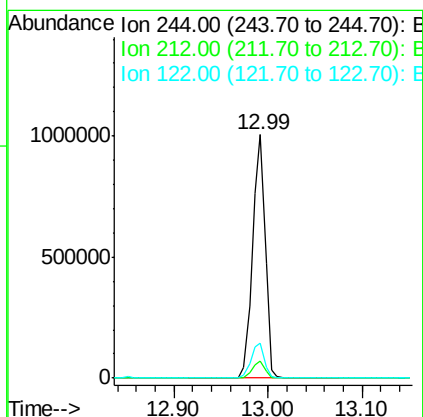
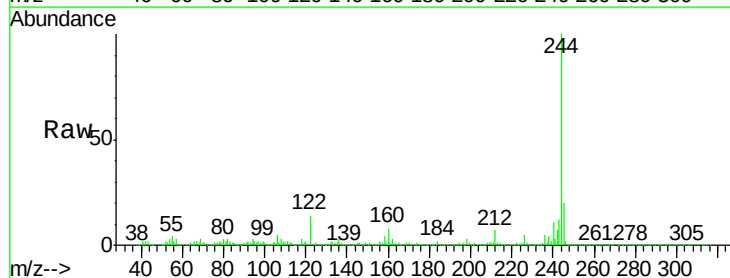
Instrument :
BNA_F
ClientSampleId :

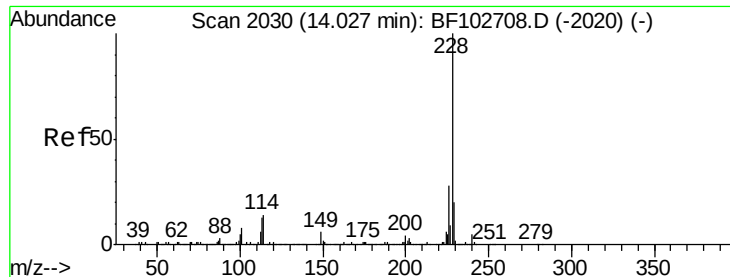
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.9	14.3	21.5



#78
Terphenyl-d14
Concen: 82.85 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4





#80

Benzo(a)anthracene

Concen: 6.98 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

Instrument :

BNA_F

ClientSampleId :

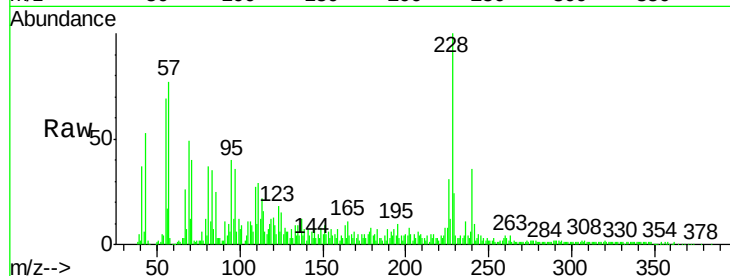
Tot Ion:228 Resp: 117270

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

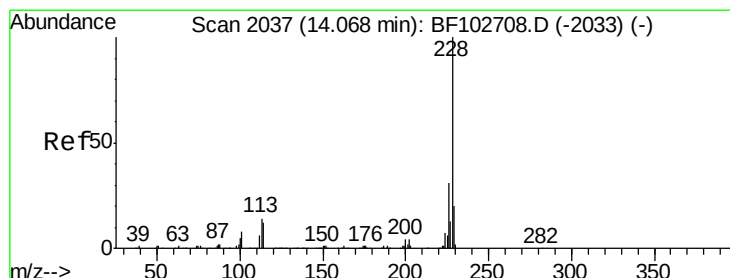
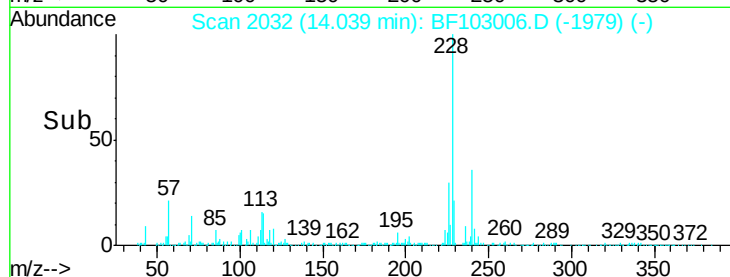
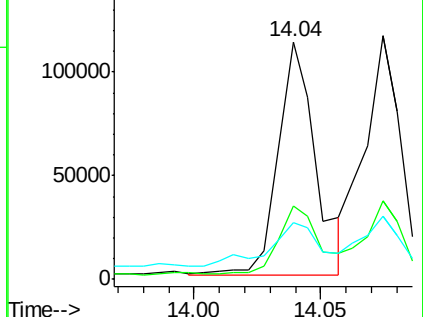
229 24.0 15.8 23.6#



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: 6.92 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF103006.D

Acq: 14 Feb 2018 23:45

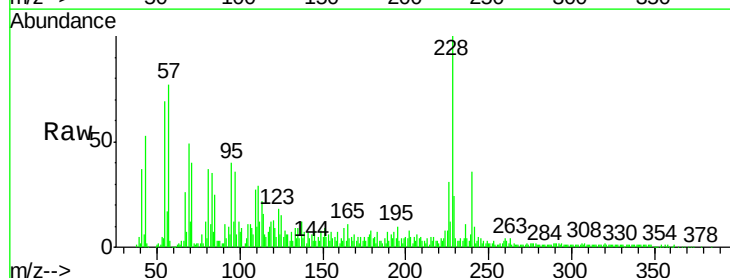
Tgt Ion:228 Resp: 117270

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

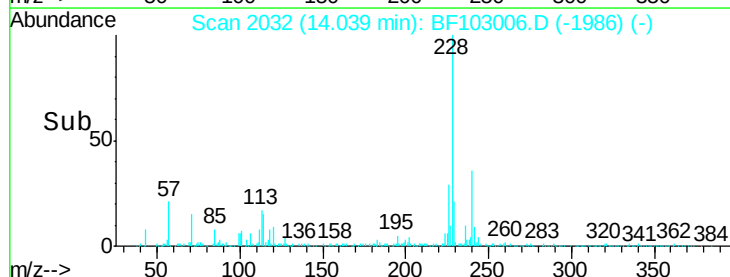
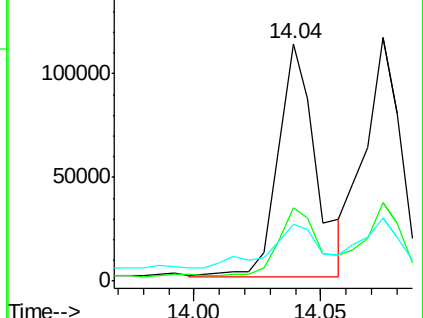
229 24.0 16.2 24.4

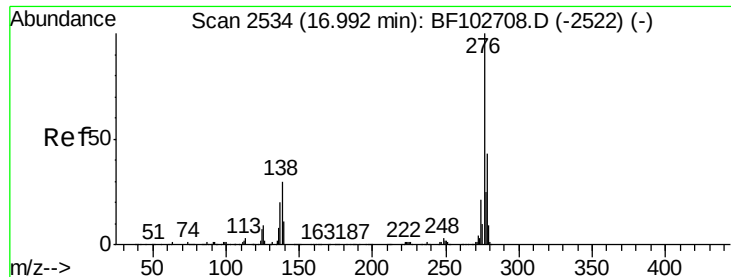


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

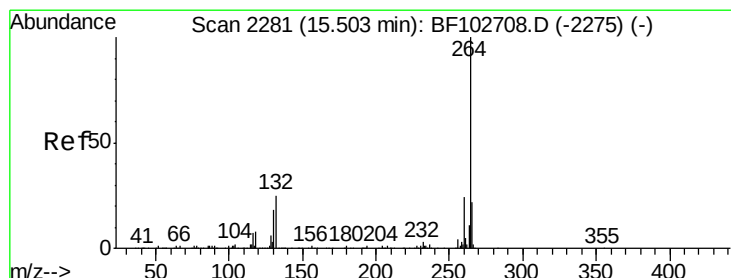
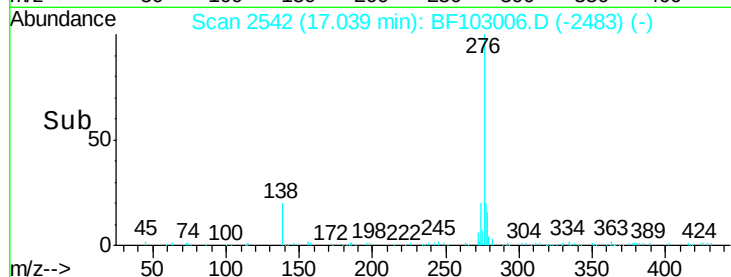
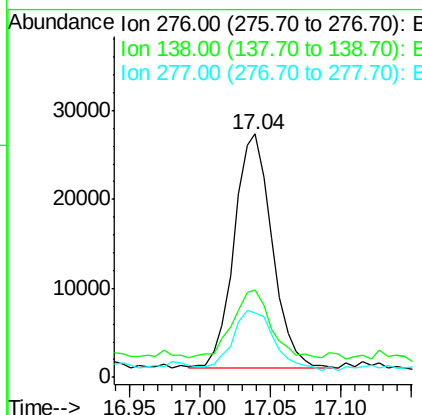
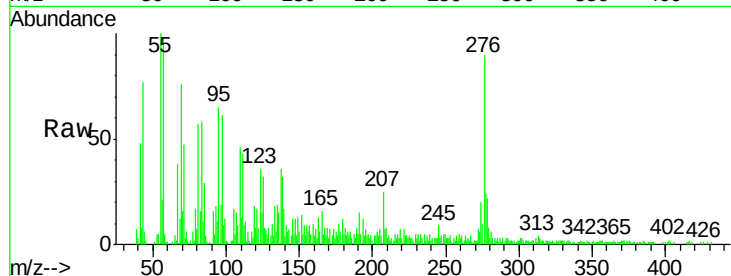




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.53 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.05 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

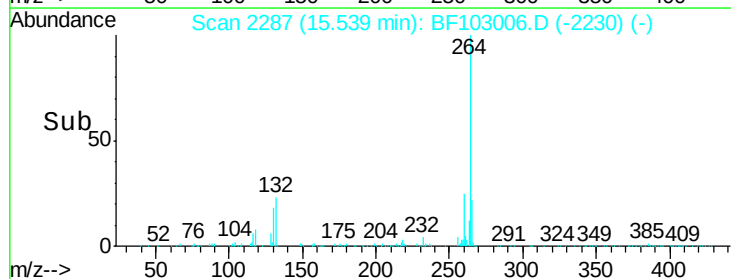
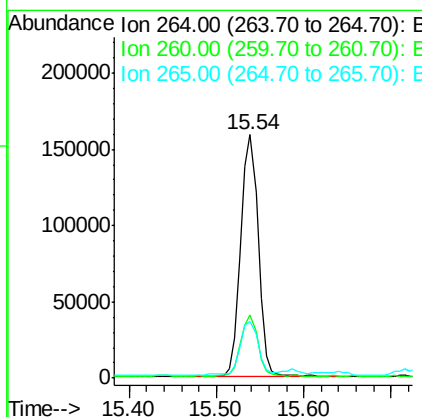
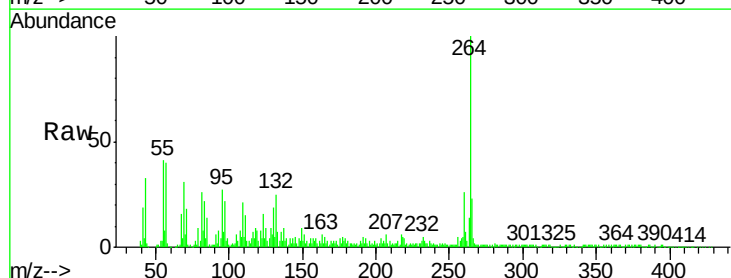
Instrument :
 BNA_F
 ClientSampleId :

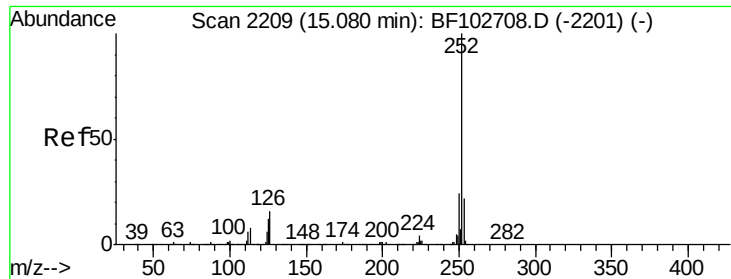
Tot Ion:276 Resp: 49561
 Ion Ratio Lower Upper
 276 100
 138 28.3 25.0 37.6
 277 28.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.04 min
 Lab File: BF103006.D
 Acq: 14 Feb 2018 23:45

Tgt Ion:264 Resp: 213926
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.2 28.8
 265 23.3 17.5 26.3

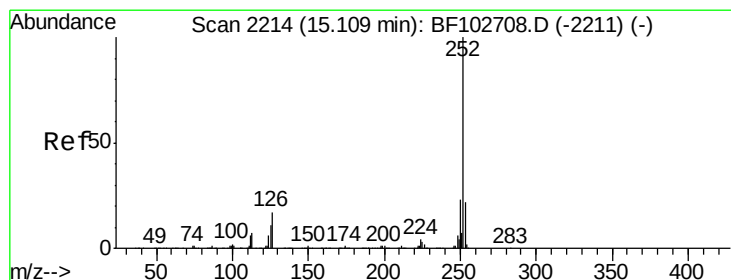
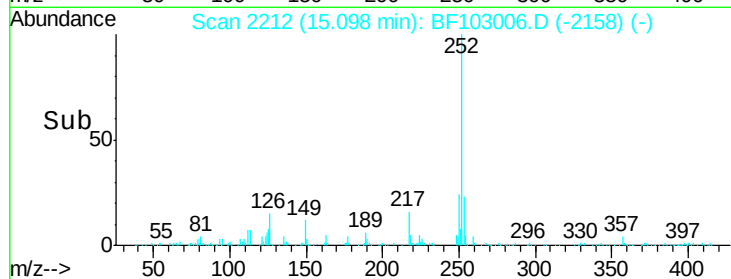
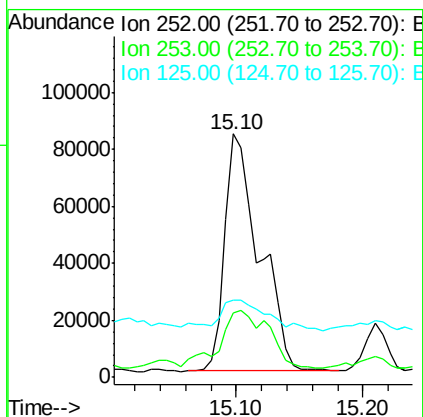
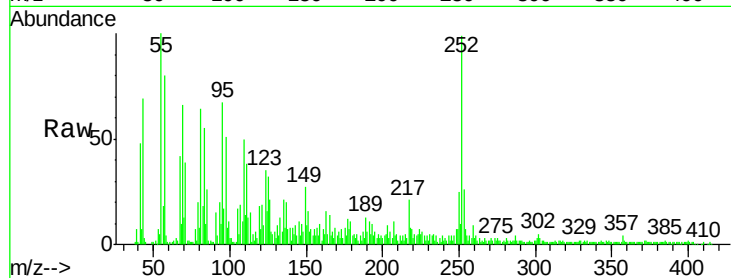




#87
Benzo(b)fluoranthene
Concen: 11.46 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

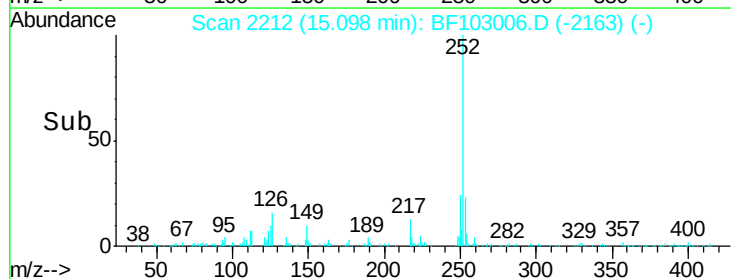
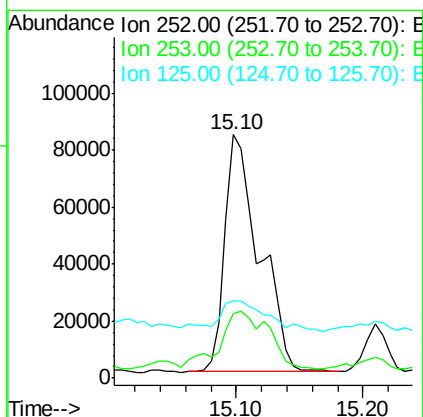
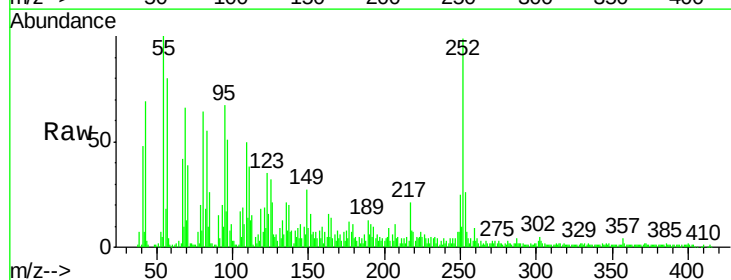
Instrument :
BNA_F
ClientSampleId :

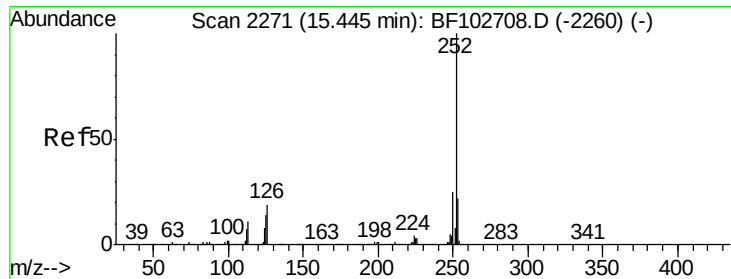
Tot Ion:252 Resp: 158879
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.6#
125 31.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 11.99 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:252 Resp: 158879
Ion Ratio Lower Upper
252 100
253 26.5 17.9 26.9
125 31.9 10.2 15.2#

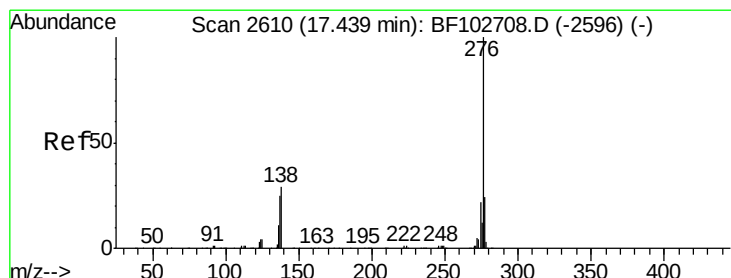
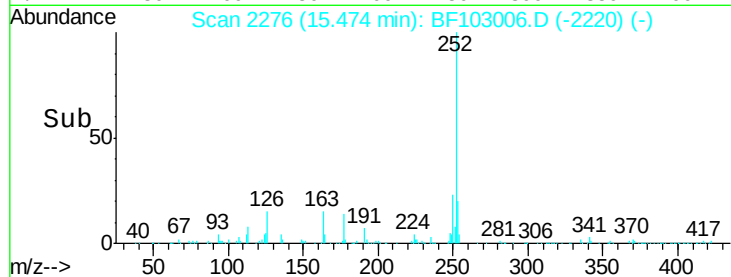
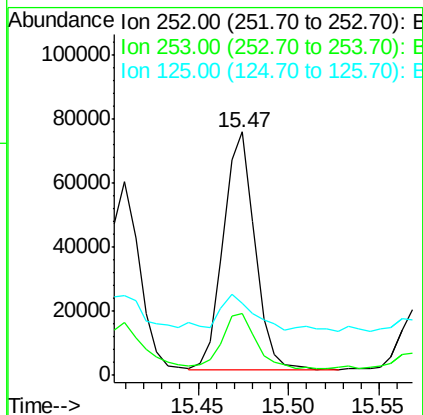
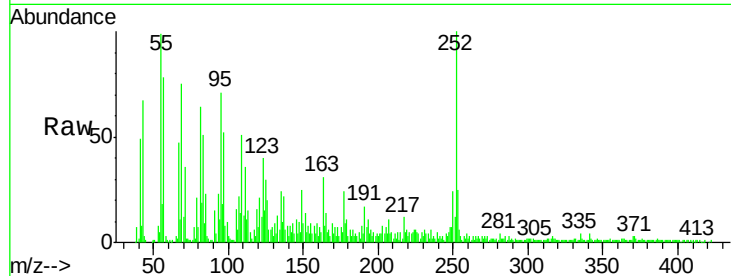




#89
Benzo(a)pyrene
Concen: 7.25 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 90473
Ion Ratio Lower Upper
252 100
253 25.3 17.1 25.7
125 29.5 9.8 14.6#



#91
Benzo(g,h,i)perylene
Concen: 5.31 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.05 min
Lab File: BF103006.D
Acq: 14 Feb 2018 23:45

Tgt Ion:276 Resp: 52688
Ion Ratio Lower Upper
276 100
277 27.3 17.9 26.9#
138 34.3 21.8 32.8#

