

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103467.D
 Acq On : 6 Mar 2018 20:36
 Operator : SJ/JU
 Sample : J1722-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:14:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147052	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	570294	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	245230	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	363567	20.00	ng	0.00
75) Chrysene-d12	14.06	240	236857	20.00	ng	0.00
86) Perylene-d12	15.57	264	183950	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	936980	96.37	ng	0.00
7) Phenol-d6	6.51	99	1163133	97.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	736382	73.74	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	117914	56.81	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	947754	62.41	ng	0.00
78) Terphenyl-d14	12.99	244	587965	59.67	ng	0.00

Target Compounds

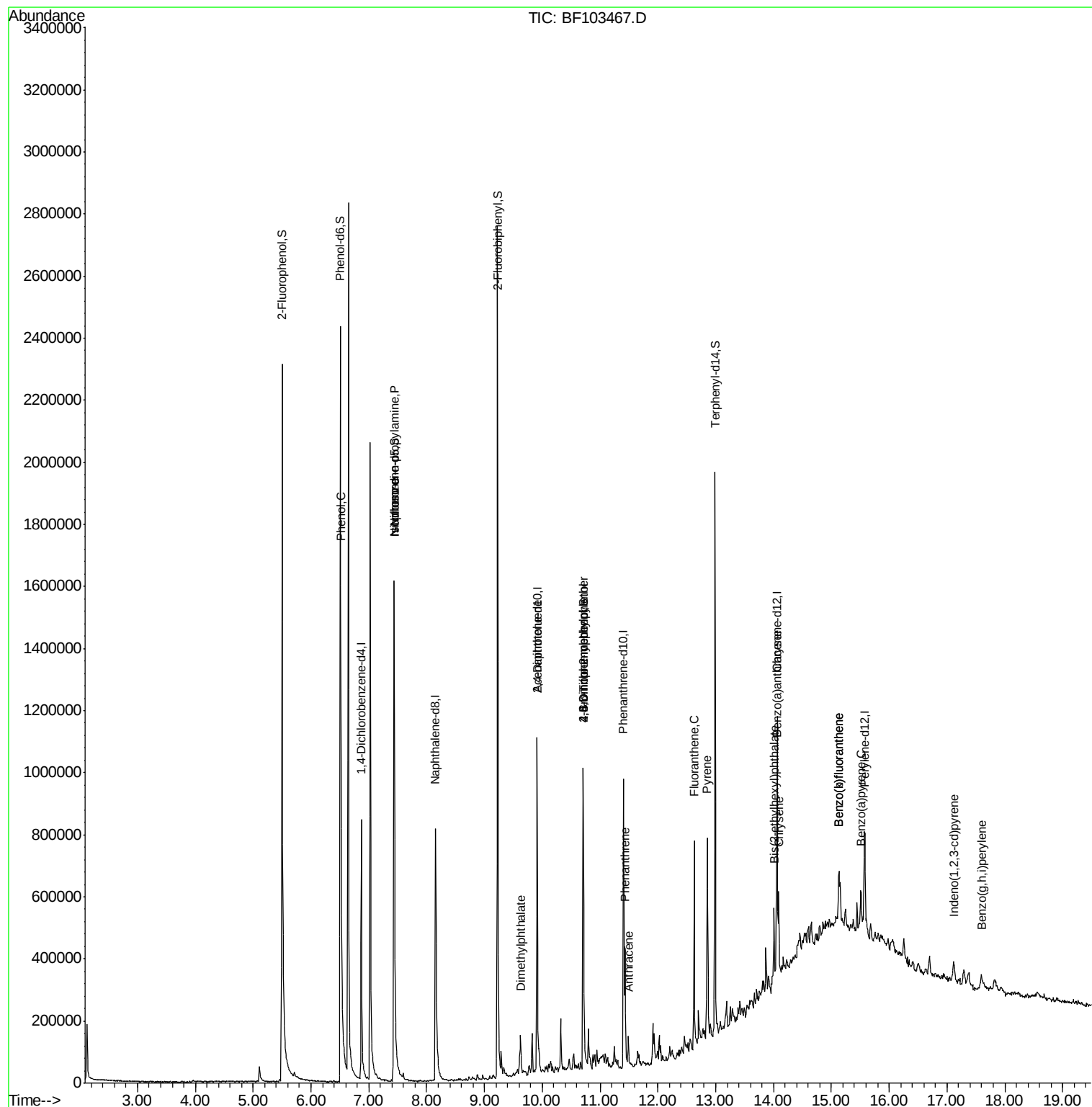
						Qvalue
9) Benzaldehyde	6.51	77	2598	Below Cal	#	1
10) Phenol	6.52	94	31431	2.276 ng	#	20
19) n-Nitroso-di-n-propylamine	7.44	70	98248	13.269 ng	#	83
25) Isophorone	7.44	82	736429	37.443 ng	#	64
49) Dimethylphthalate	9.62	163	58301	2.964 ng		99
56) 2,4-Dinitrotoluene	9.91	165	33112	6.342 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	215	5.033 ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	7703	2.034 ng	#	1
70) Phenanthrene	11.43	178	148509	7.422 ng		99
71) Anthracene	11.49	178	45394	2.212 ng		97
74) Fluoranthene	12.63	202	263648	13.113 ng		99
77) Pvrene	12.86	202	260254	14.093 ng		99
80) Benzo(a)anthracene	14.05	228	114630	7.459 ng		98
82) Chrysene	14.09	228	104783	7.022 ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	54824	4.164 ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	35542	3.009 ng		98
87) Benzo(b)fluoranthene	15.13	252	135491	11.203 ng	#	90
88) Benzo(k)fluoranthene	15.13	252	135491	11.897 ng	#	93
89) Benzo(a)pvrene	15.51	252	67227	6.224 ng	#	87
91) Benzo(a,h,i)perylene	17.60	276	35208	4.317 ng	#	91

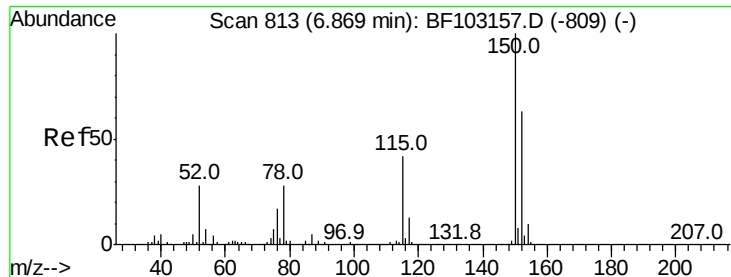
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 07 00:14:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration



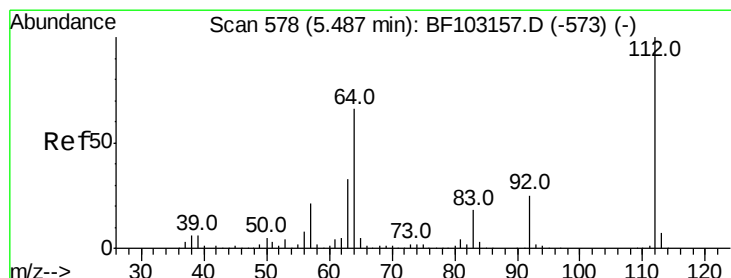
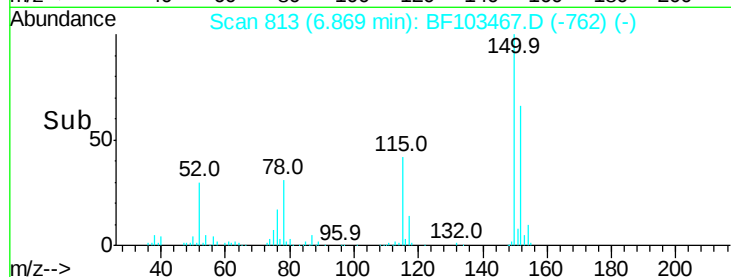
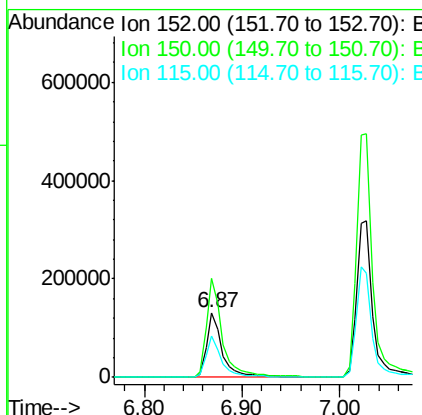
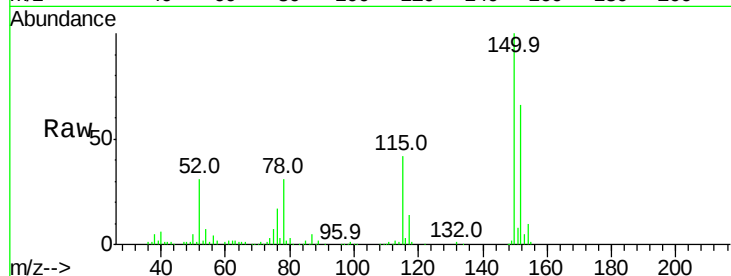


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Instrument :
BNA_F
ClientSampleId :

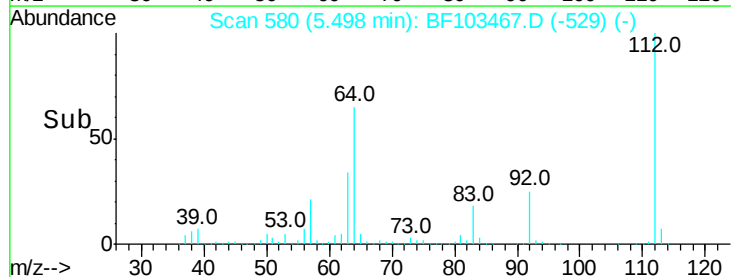
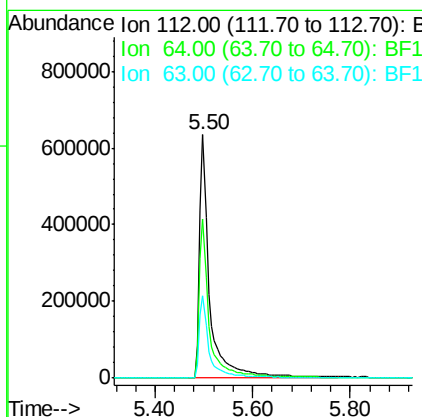
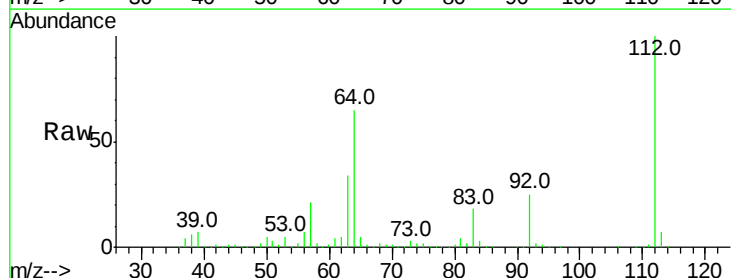
Tot Ion:152 Resp: 147052
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 64.4 50.1 75.1

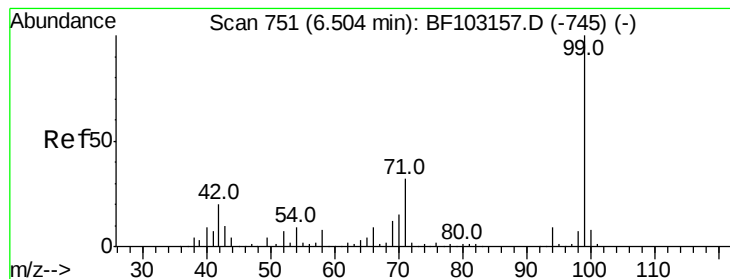


#5

2-Fluorophenol
Concen: 96.368 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion:112 Resp: 936980
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 34.0 23.7 35.5





#7

Phenol-d6

Concen: 97.763 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampled :

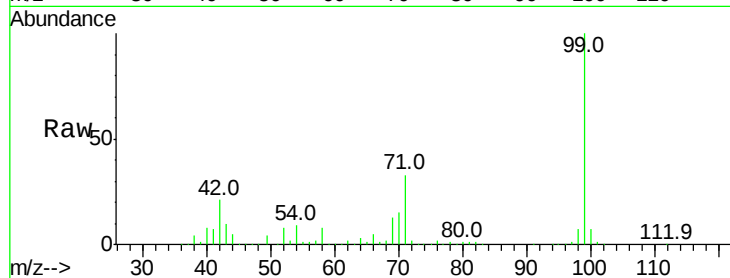
Tot Ion: 99 Resp: 1163133

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

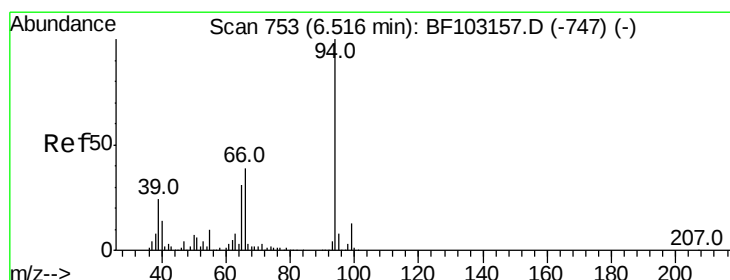
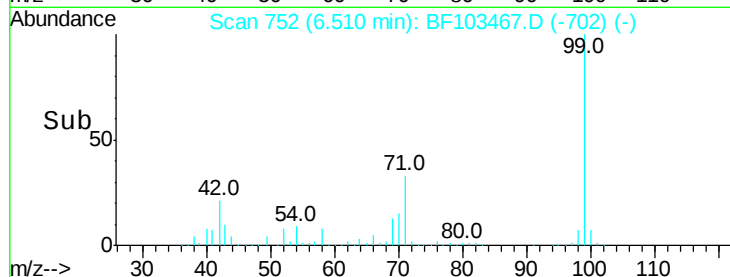
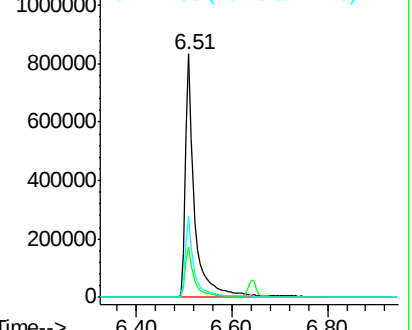
71 33.2 25.4 38.0



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: 2.276 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

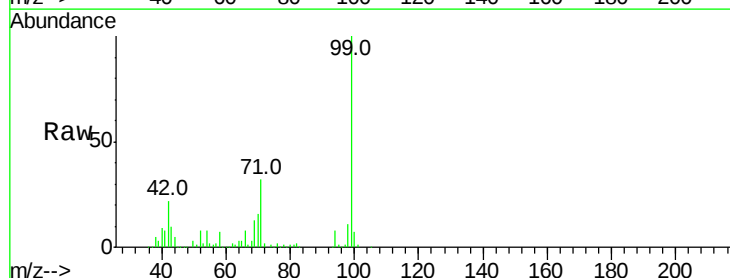
Tgt Ion: 94 Resp: 31431

Ion Ratio Lower Upper

94 100

65 45.8 7.9 47.9

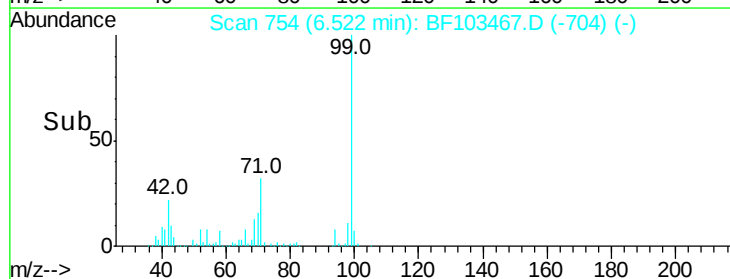
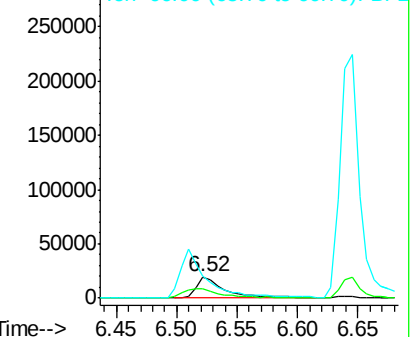
66 104.1 16.2 56.2#

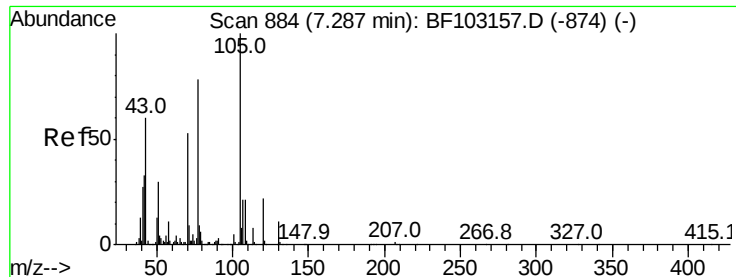


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

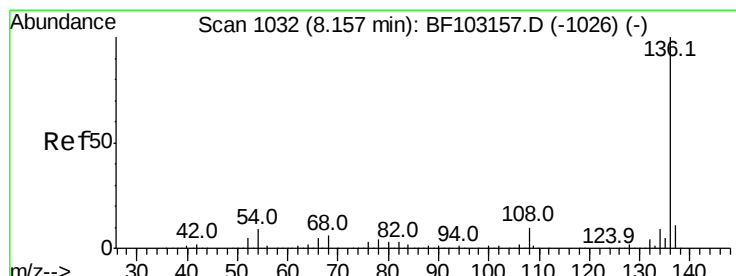
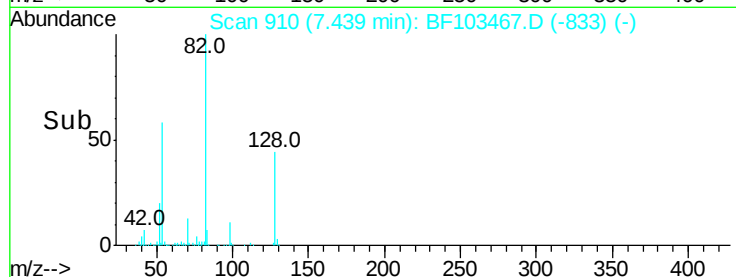
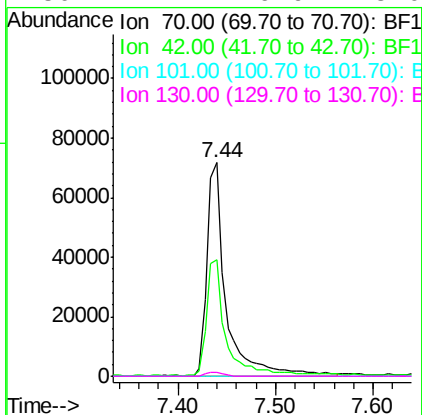
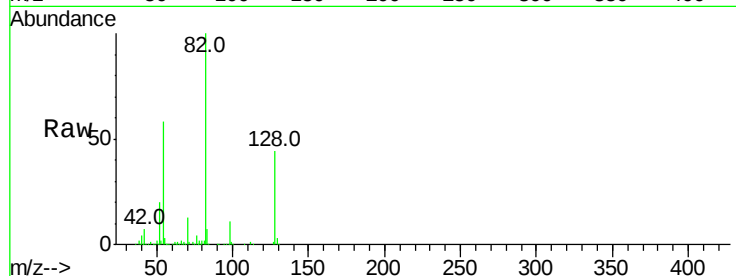




#19
n-Nitroso-di-n-propylamine
Concen: 13.269 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

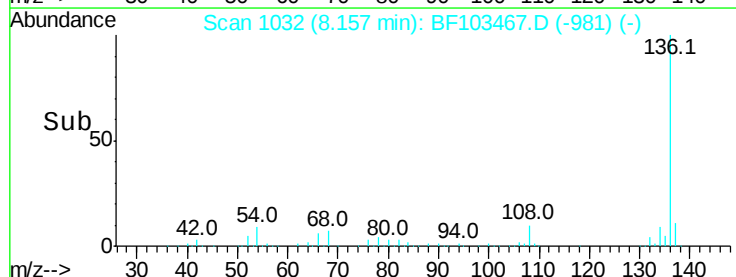
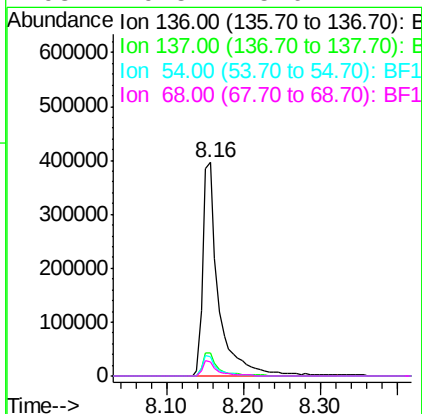
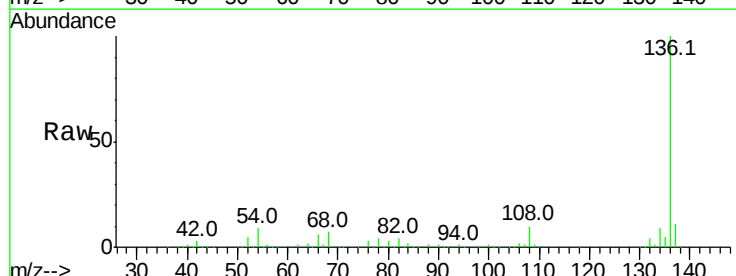
Instrument :
BNA_F
ClientSampleId :

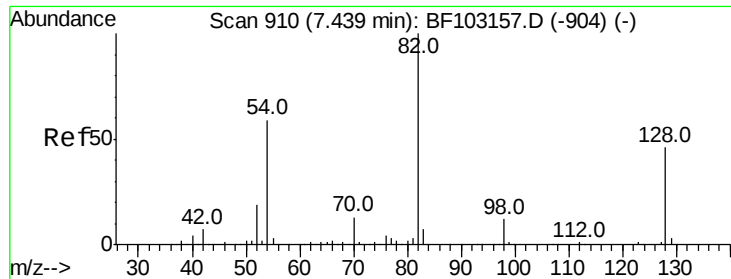
Tot Ion: 70 Resp: 98248
Ion Ratio Lower Upper
70 100
42 54.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion: 136 Resp: 570294
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 6.6 9.8
68 6.5 5.0 7.4

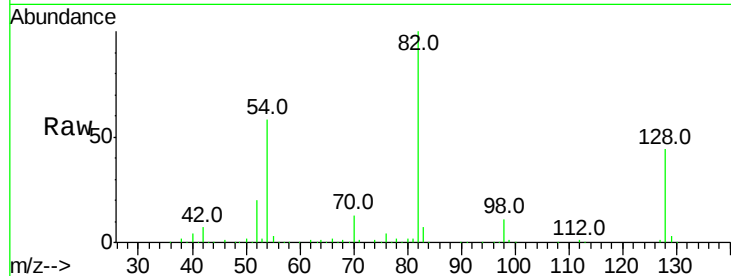




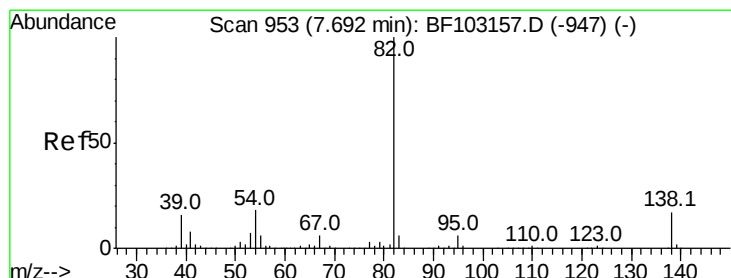
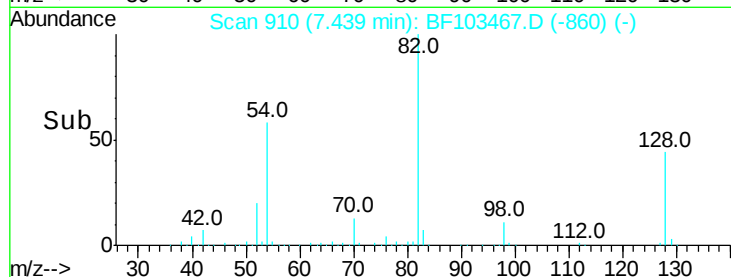
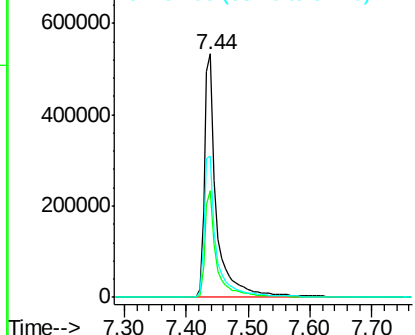
#23
Nitrobenzene-d5
Concen: 73.740 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 736382
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 58.2 41.4 62.2

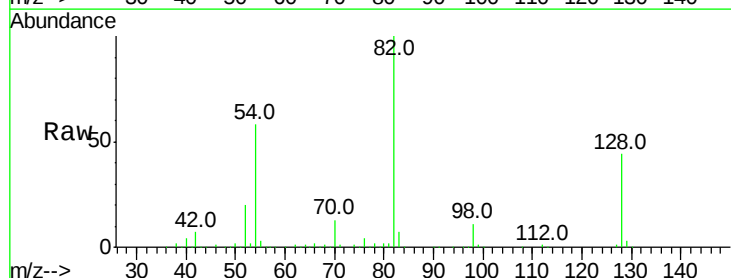


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

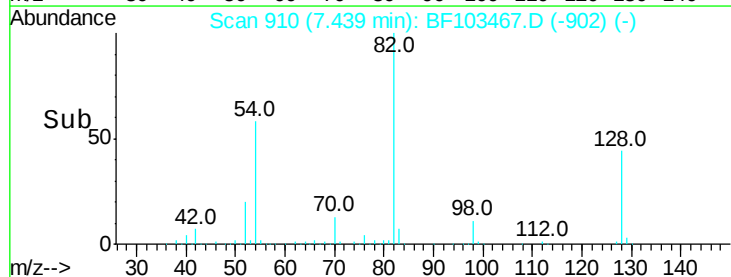
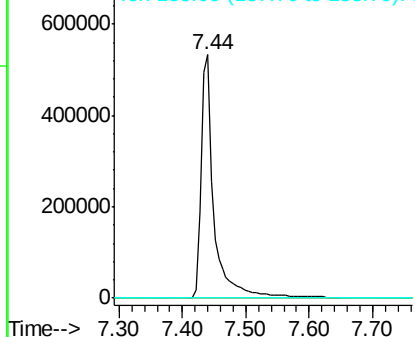


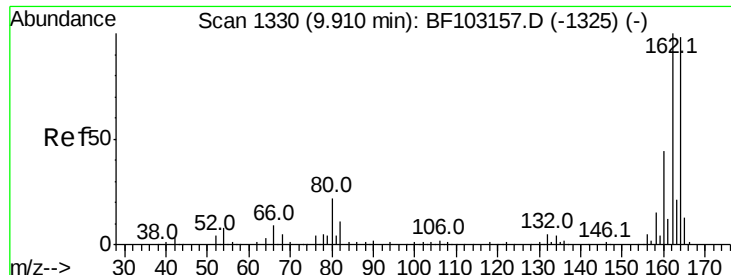
#25
Isophorone
Concen: 37.443 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion: 82 Resp: 736429
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

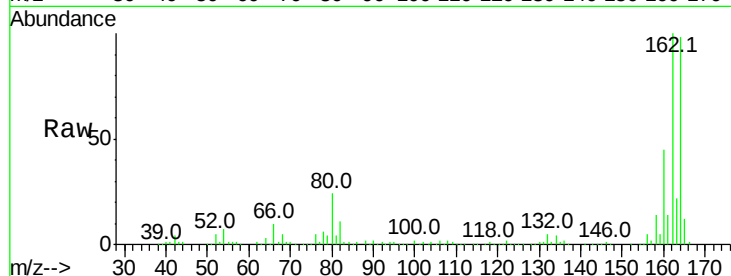




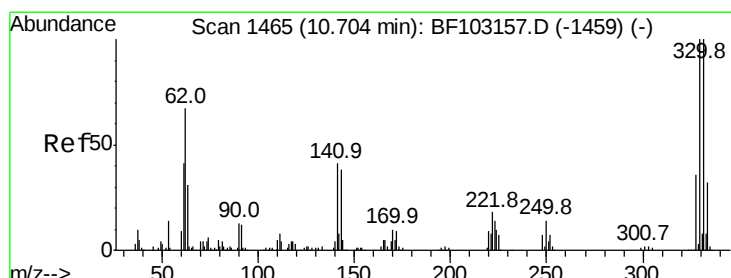
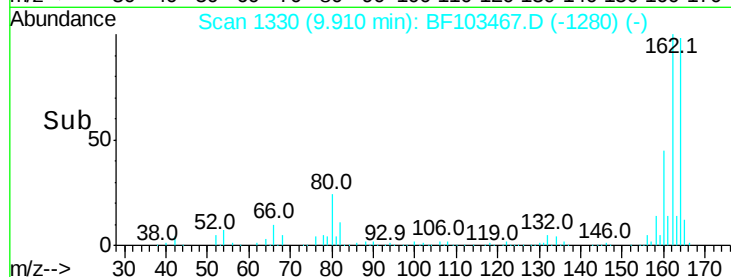
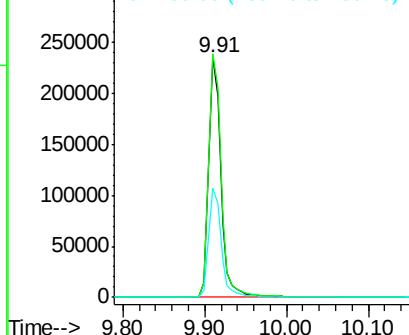
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 245230
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.6 38.3 57.5

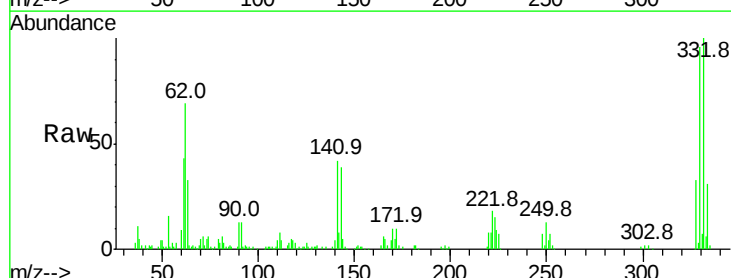


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

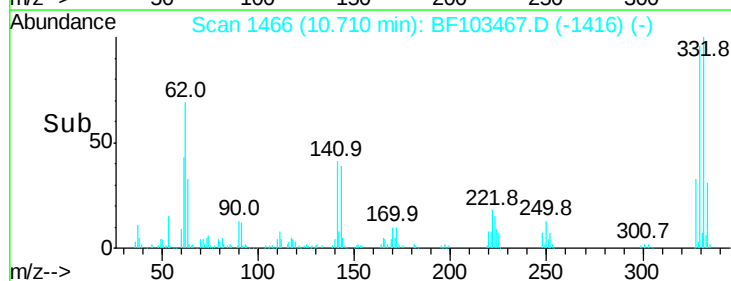
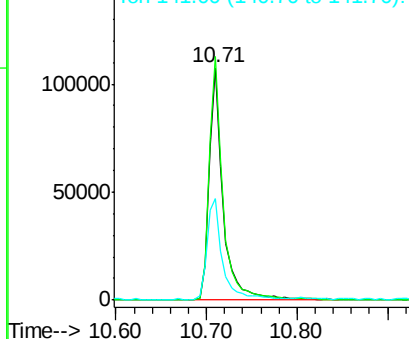


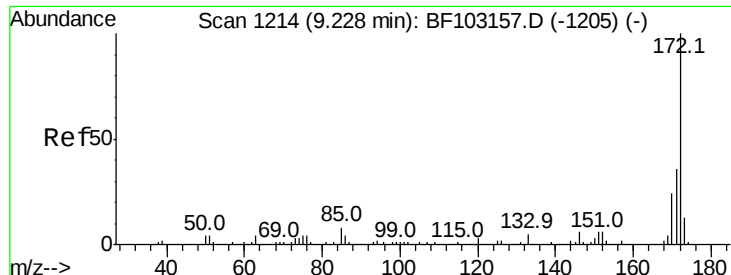
#41
2,4,6-Tribromophenol
Concen: 56.806 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion:330 Resp: 117914
Ion Ratio Lower Upper
330 100
332 103.8 77.0 115.6
141 46.6 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



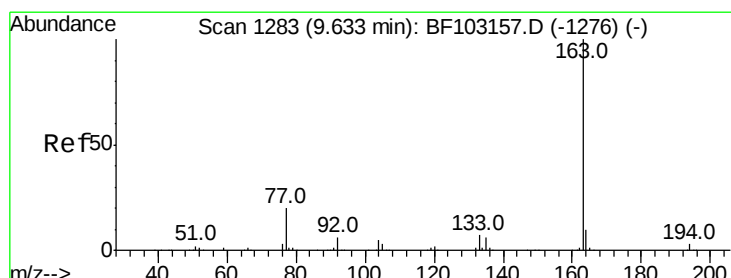
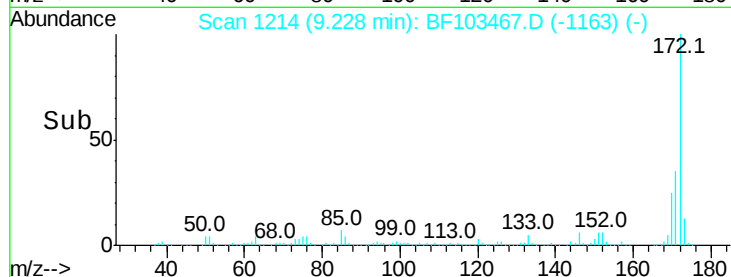
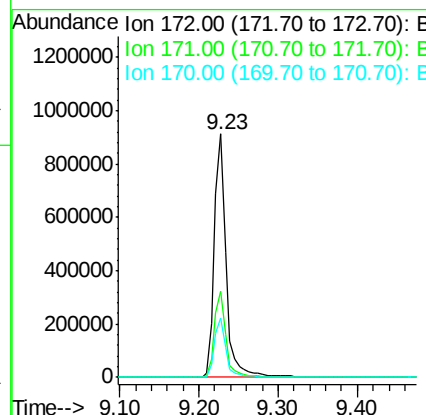
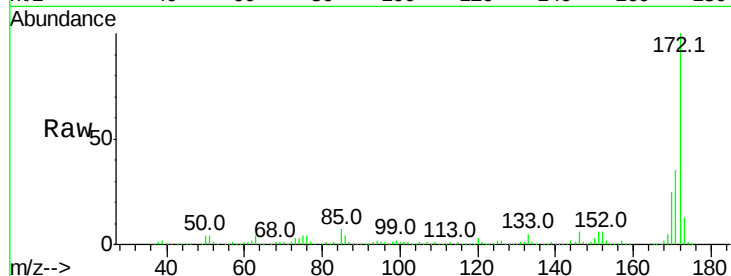


#44
 2-Fluorobiphenyl
 Concen: 62.409 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 947754

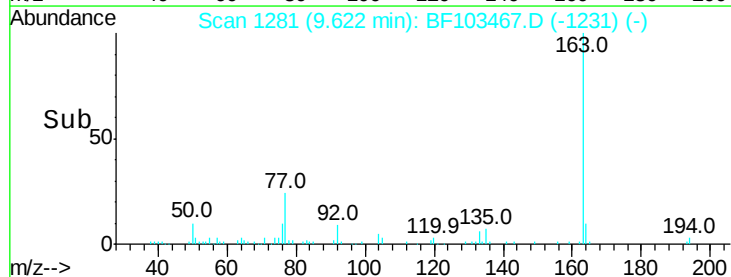
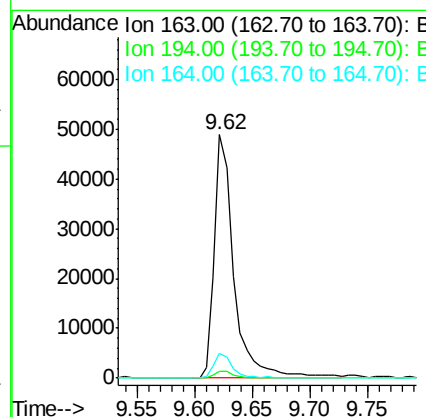
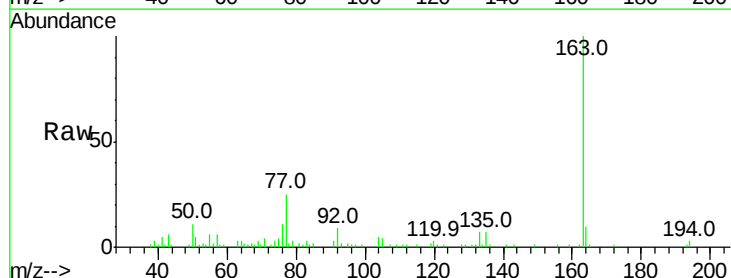
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.6	19.6	29.4

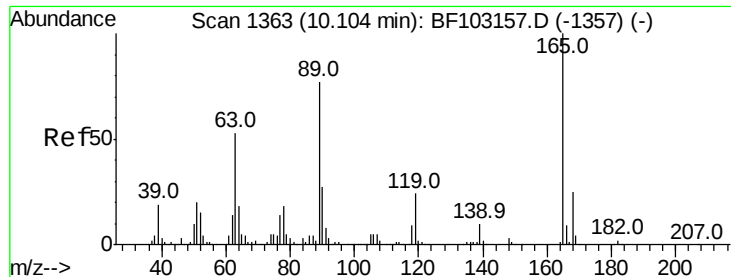


#49
 Dimethylphthalate
 Concen: 2.964 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

Tgt Ion:163 Resp: 58301

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.9	8.2	12.2

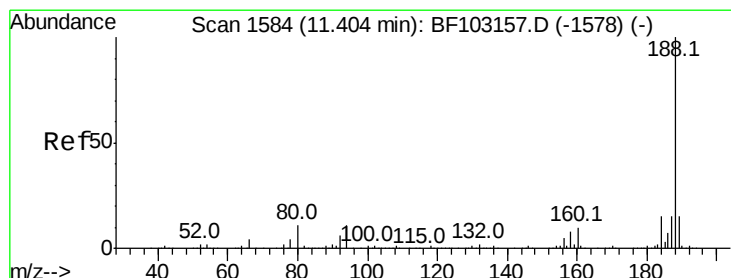
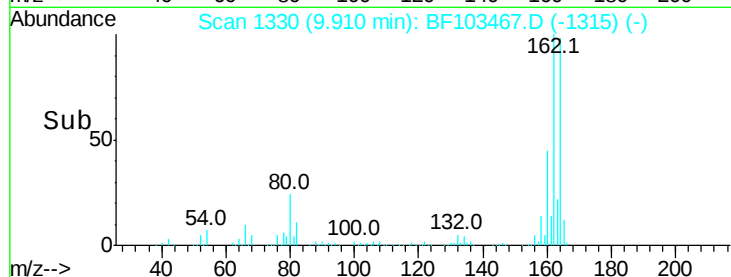
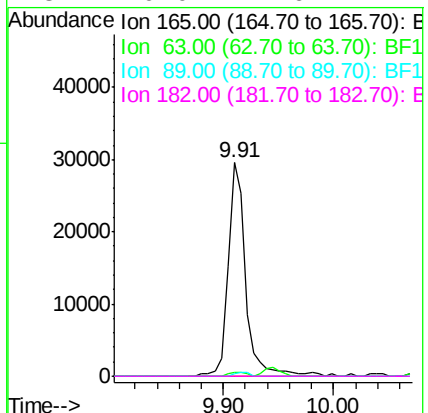
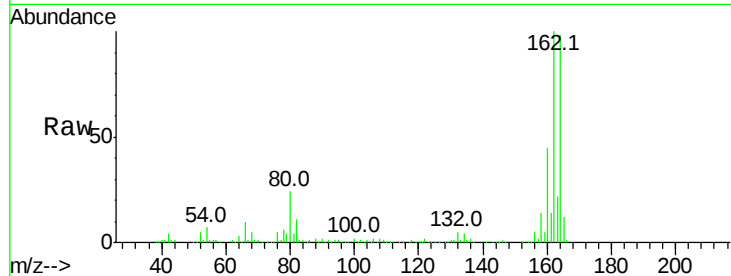




#56
 2,4-Dinitrotoluene
 Concen: 6.342 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

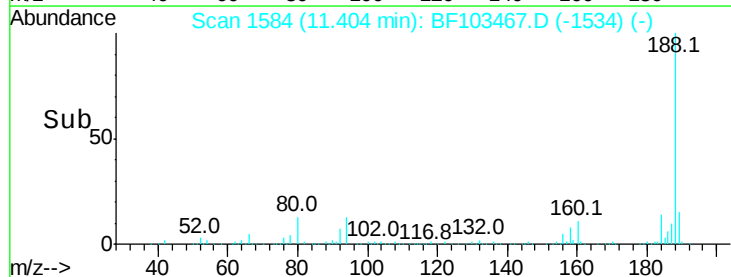
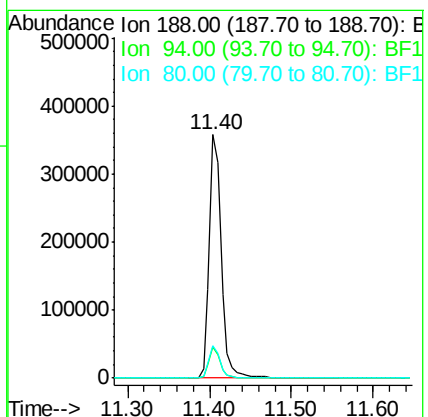
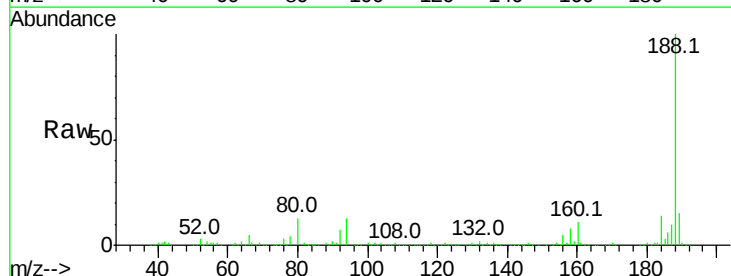
Instrument :
 BNA_F
 ClientSampleId :

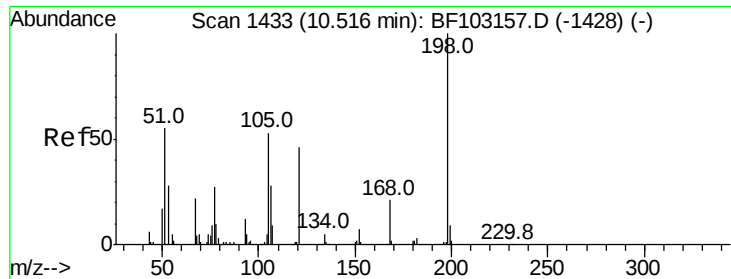
Tot Ion:165 Resp: 33112
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

Tgt Ion:188 Resp: 363567
 Ion Ratio Lower Upper
 188 100
 94 12.7 8.5 12.7
 80 13.1 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.033 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampleId :

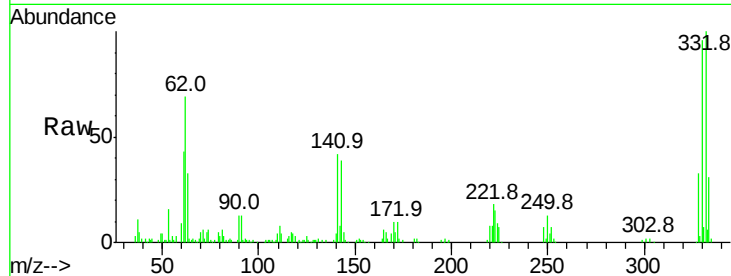
Tot Ion:198 Resp: 215

Ion Ratio Lower Upper

198 100

51 331.2 37.7 77.7#

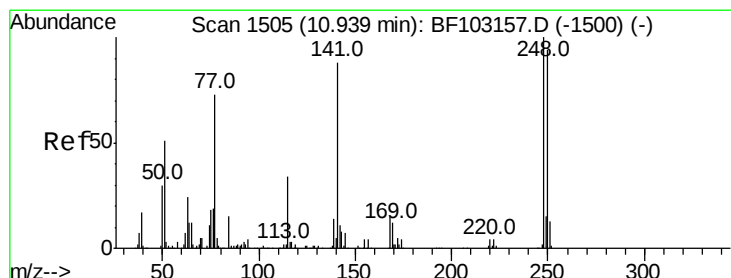
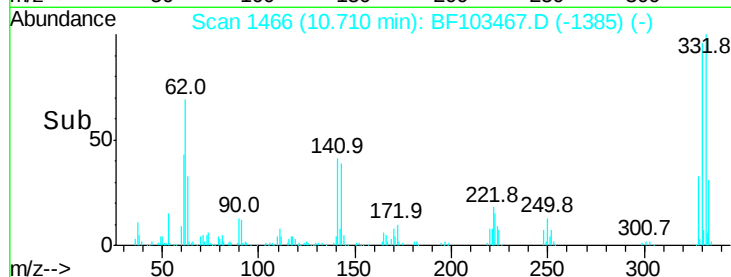
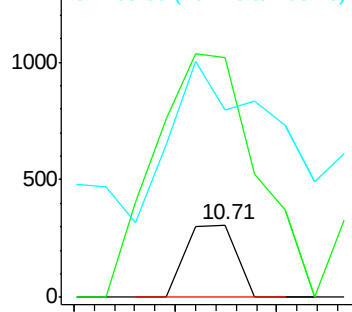
105 257.8 36.3 76.3#



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: 2.034 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

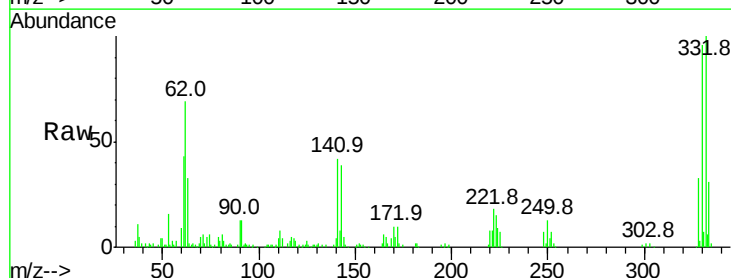
Tgt Ion:248 Resp: 7703

Ion Ratio Lower Upper

248 100

250 200.7 76.9 115.3#

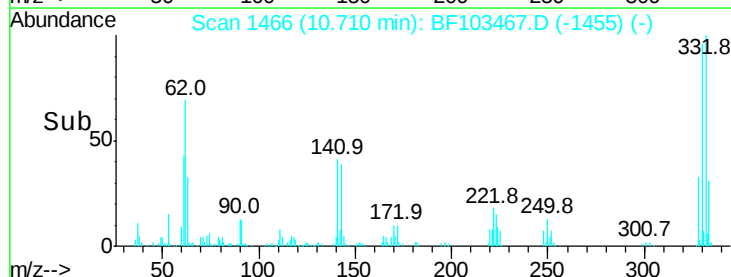
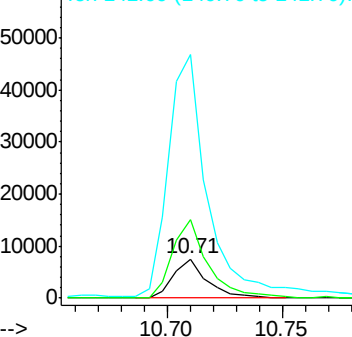
141 622.2 74.4 111.6#

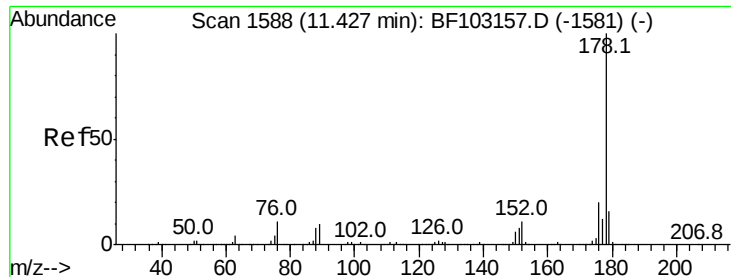


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 7.422 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampleId :

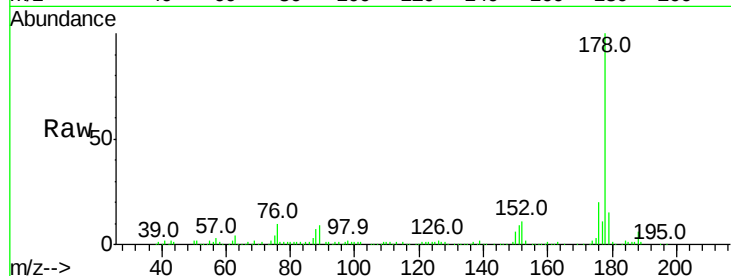
Tot Ion:178 Resp: 148509

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

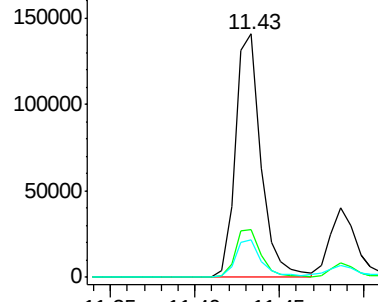
179 15.4 13.0 19.6



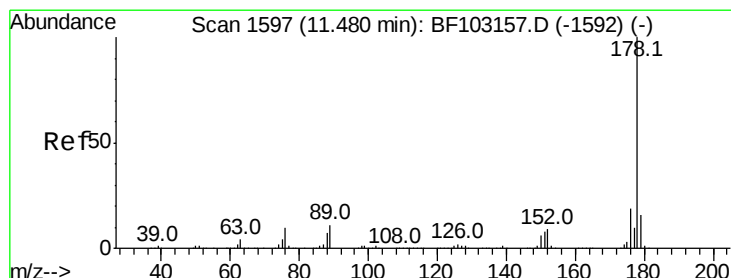
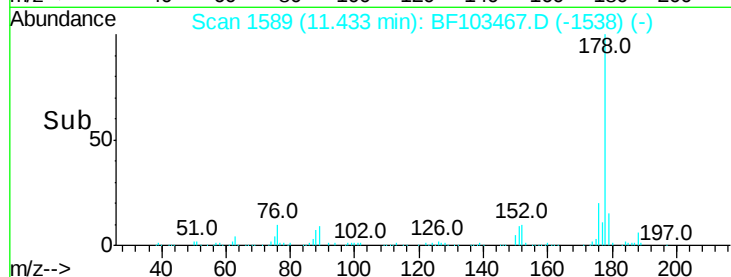
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 2.212 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

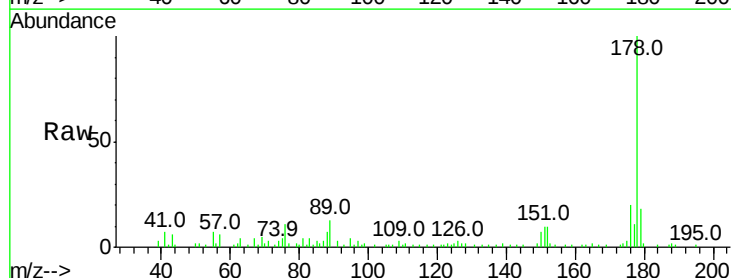
Tgt Ion:178 Resp: 45394

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

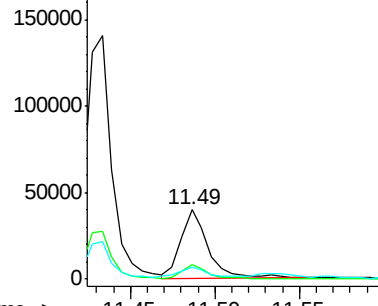
179 17.5 12.6 19.0



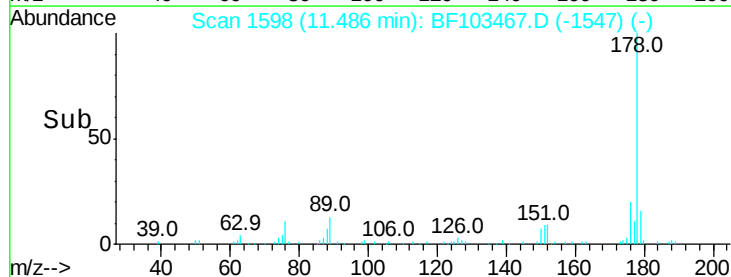
Abundance Ion 178.00 (177.70 to 178.70): E

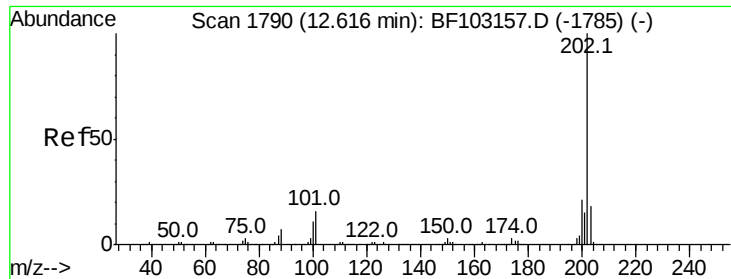
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#74

Fluoranthene

Concen: 13.113 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampleId :

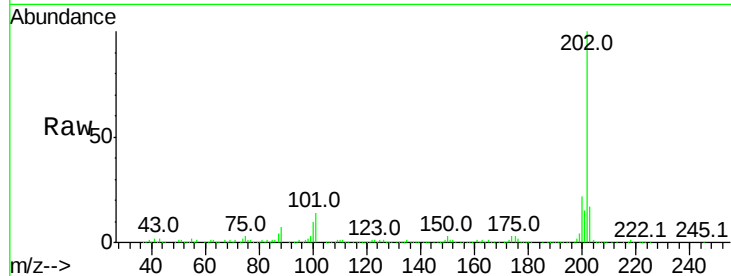
Tot Ion:202 Resp: 263648

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

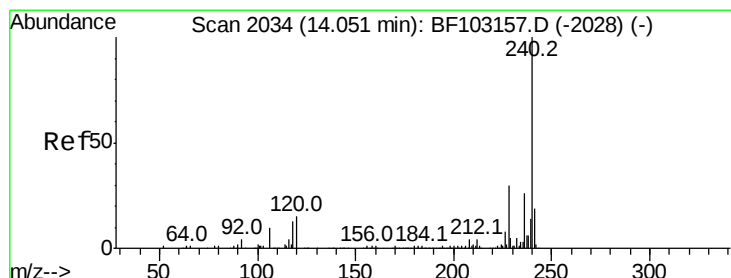
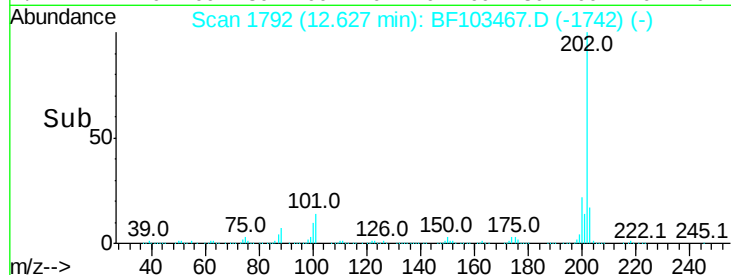
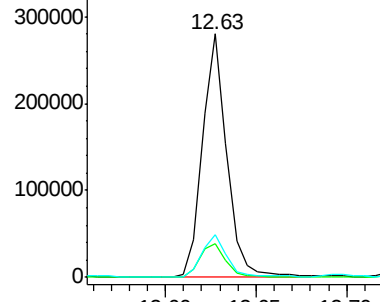
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

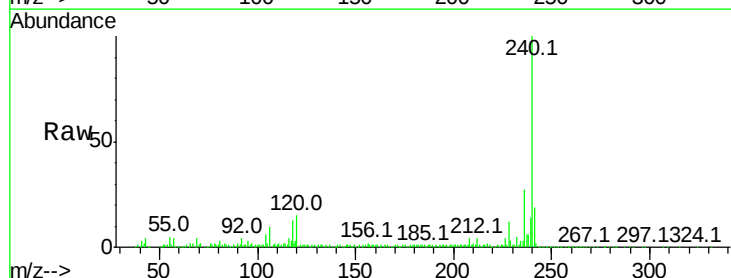
Tgt Ion:240 Resp: 236857

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

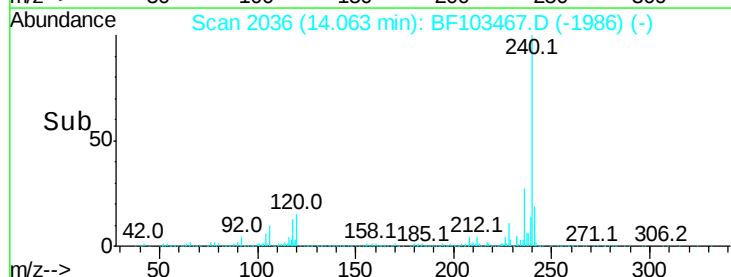
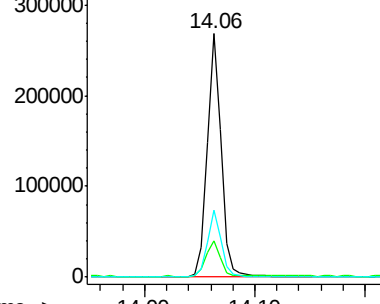
236 27.4 20.7 31.1

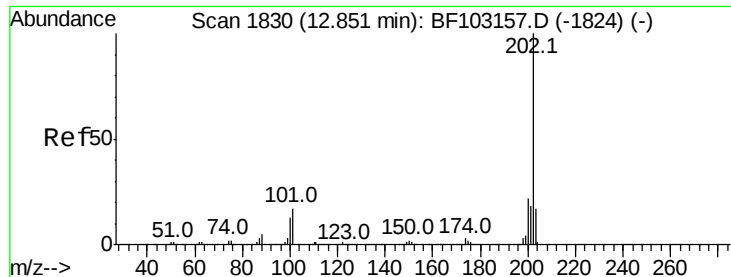


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 14.093 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampleId :

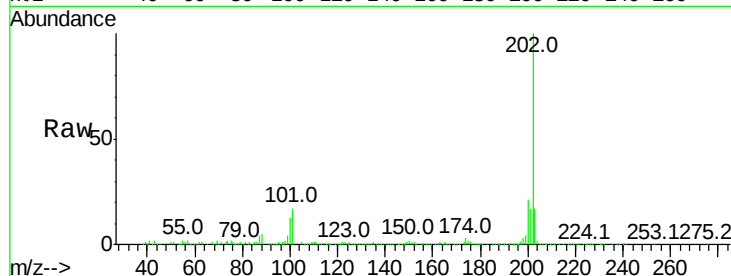
Tot Ion:202 Resp: 260254

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

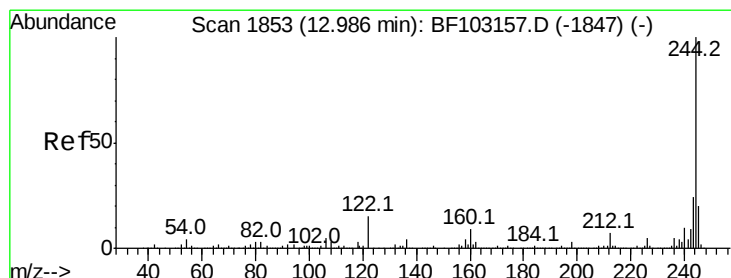
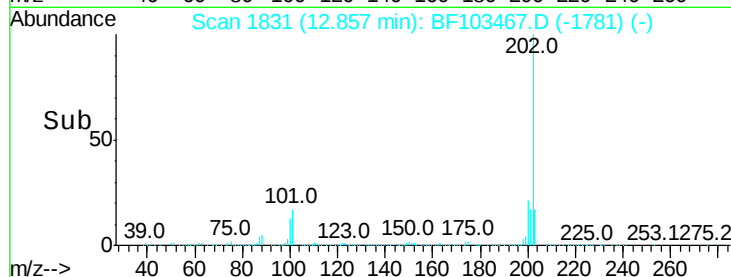
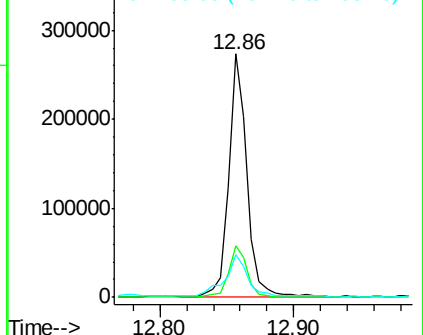
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.673 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

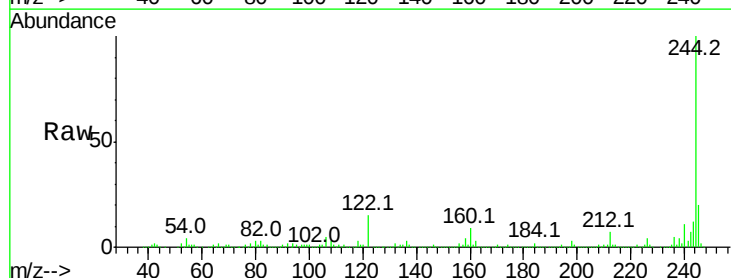
Tgt Ion:244 Resp: 587965

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

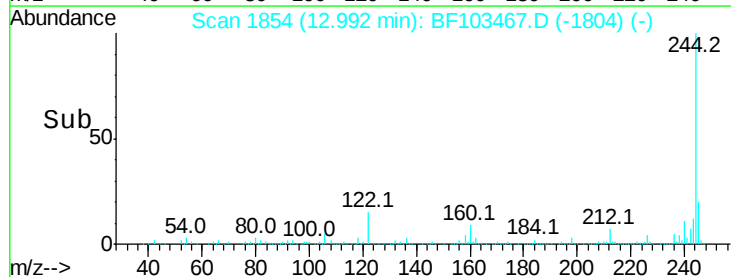
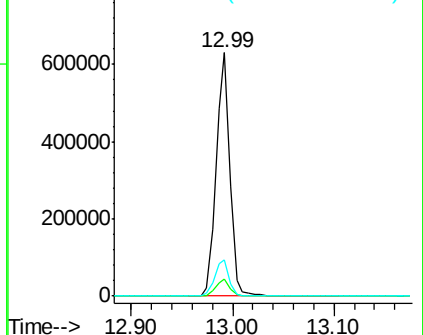
122 14.8 11.0 16.4

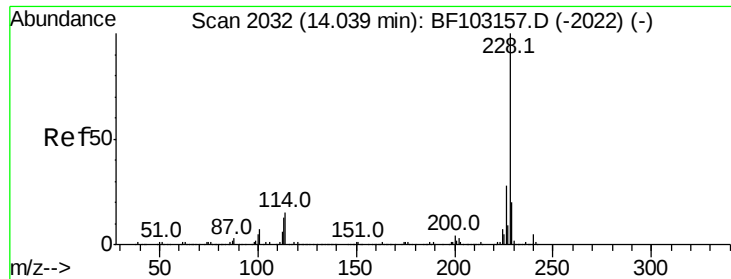


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

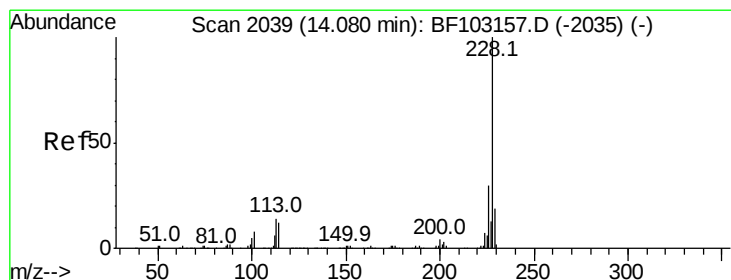
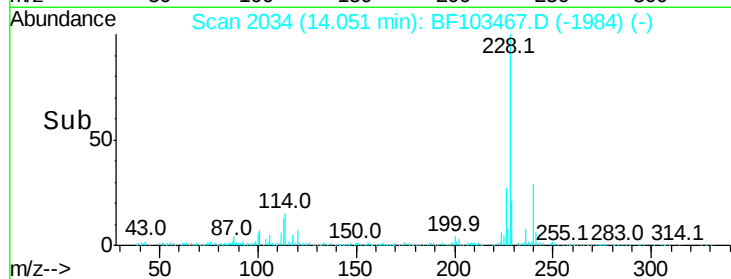
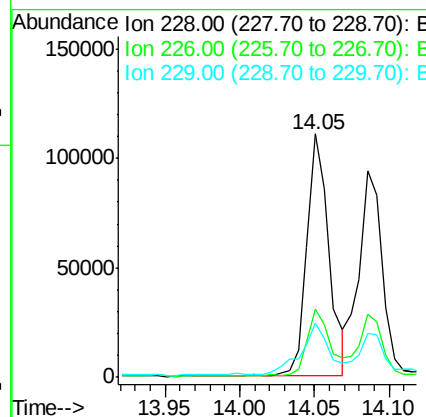
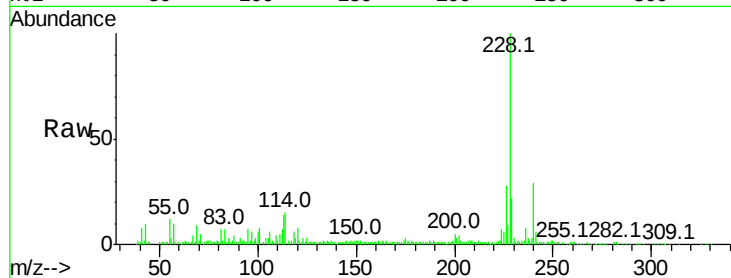




#80
Benzo(a)anthracene
Concen: 7.459 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

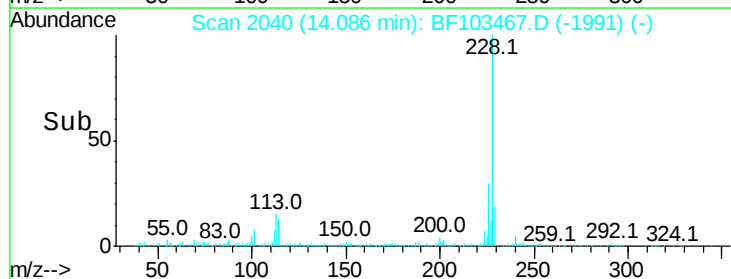
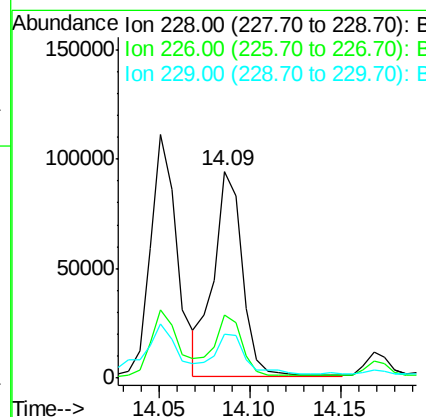
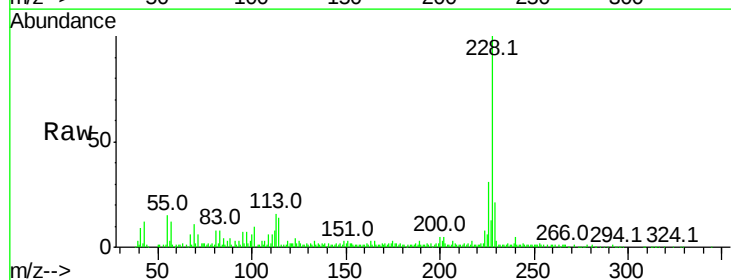
Instrument :
BNA_F
ClientSampled :

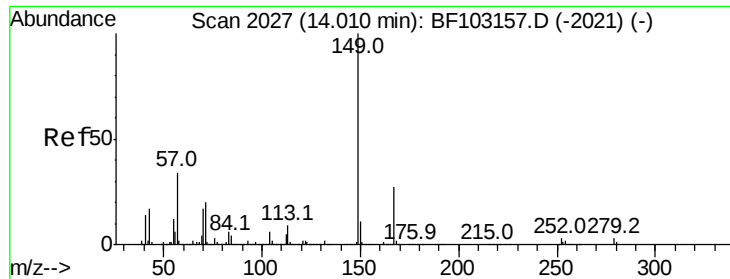
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.2	15.8	23.6



#82
Chrysene
Concen: 7.022 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.3	16.2	24.4

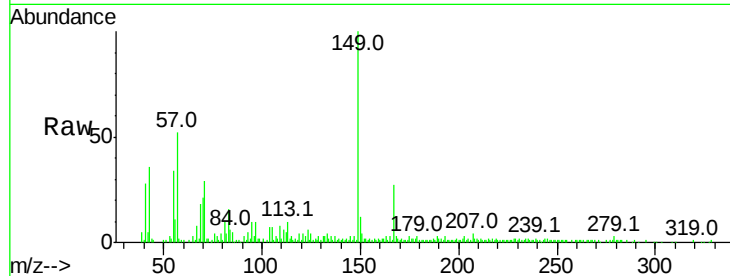




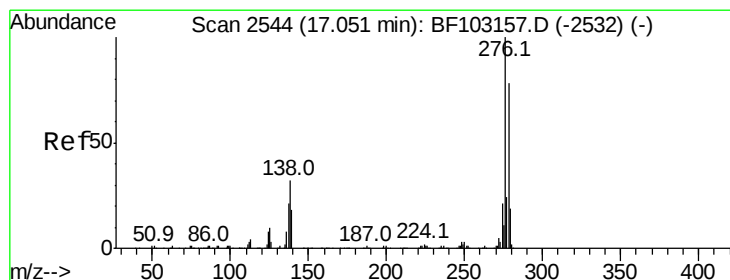
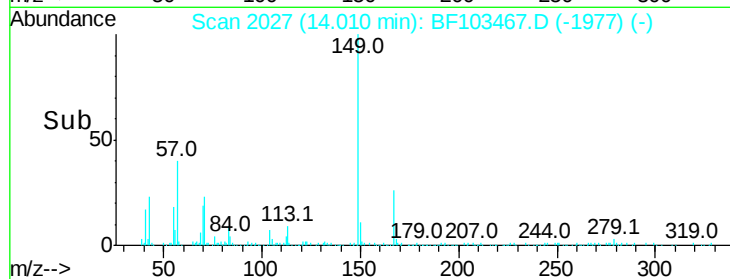
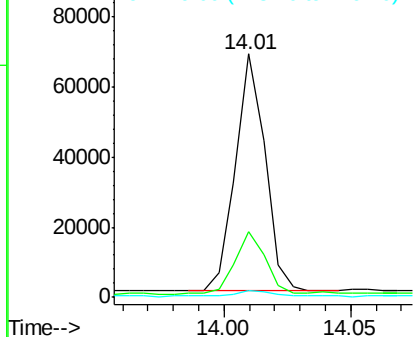
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.164 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.0	3.0	4.4

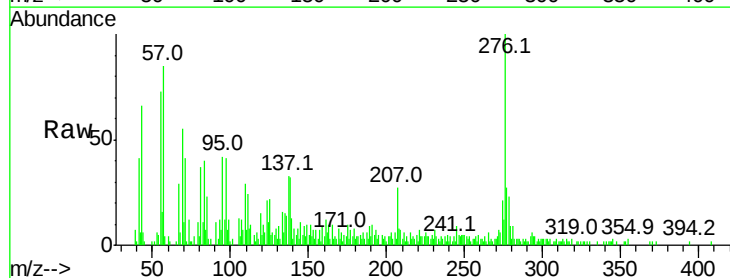


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

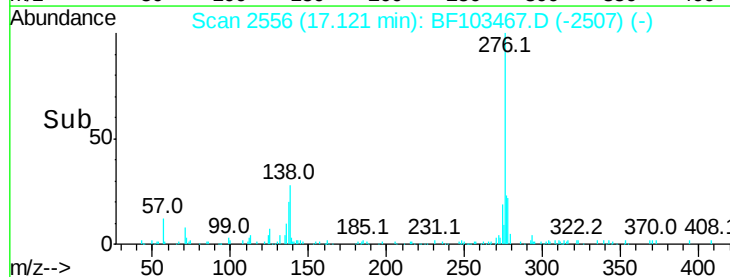
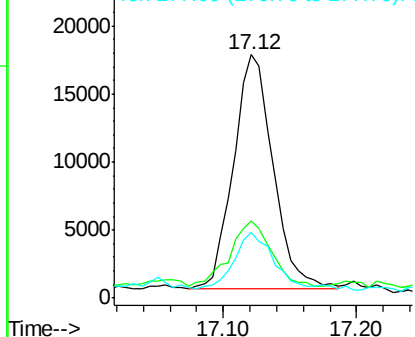


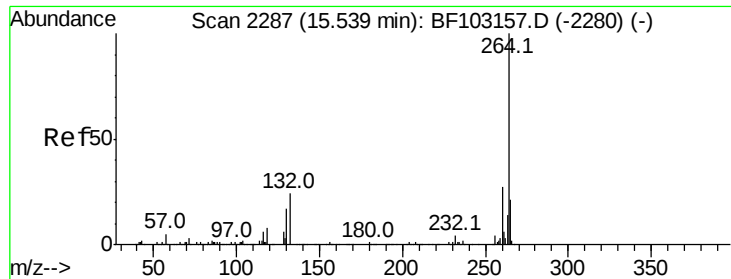
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.009 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF103467.D
 Acq: 6 Mar 2018 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	25.0	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

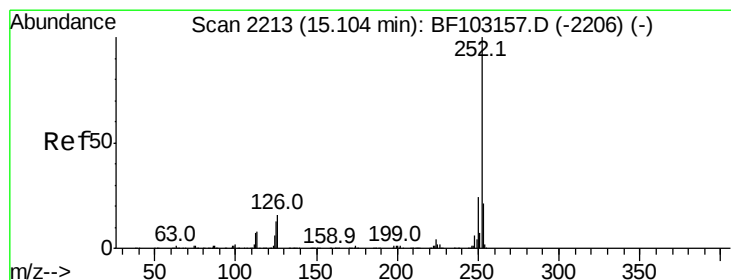
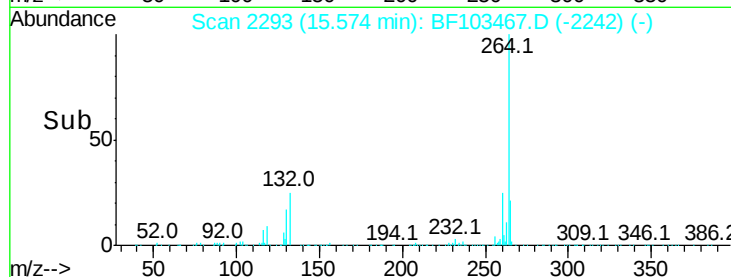
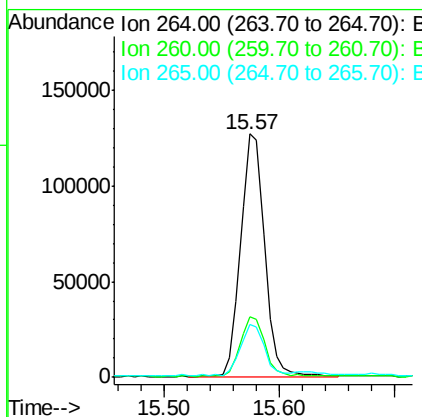
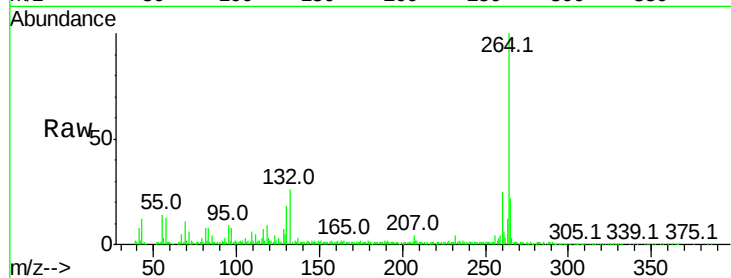




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

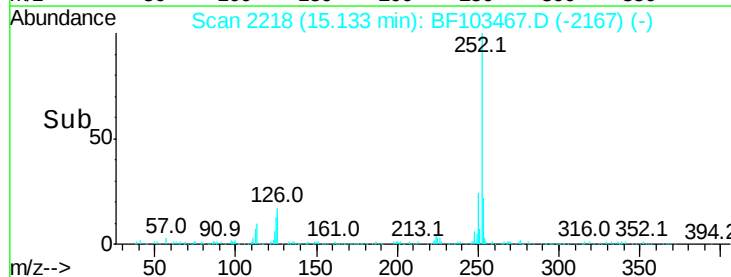
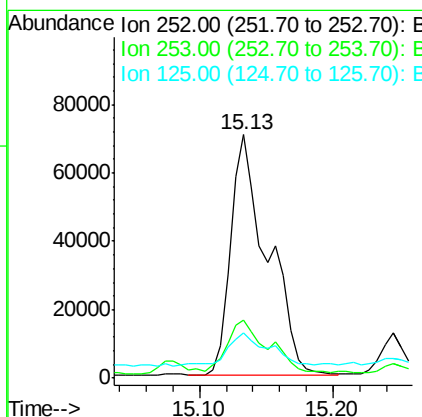
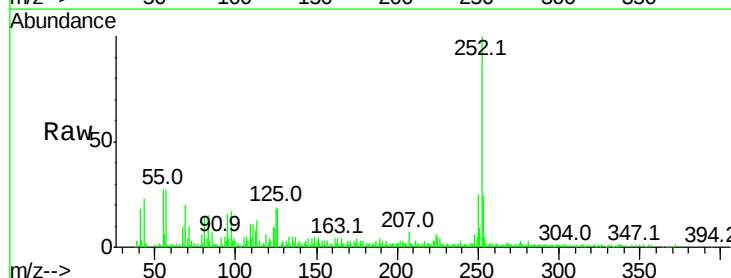
Instrument :
BNA_F
ClientSampleId :

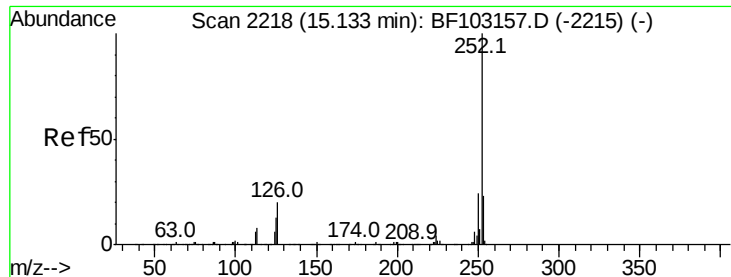
Tot Ion:264 Resp: 183950
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 11.203 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion:252 Resp: 135491
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 18.7 9.0 13.6#

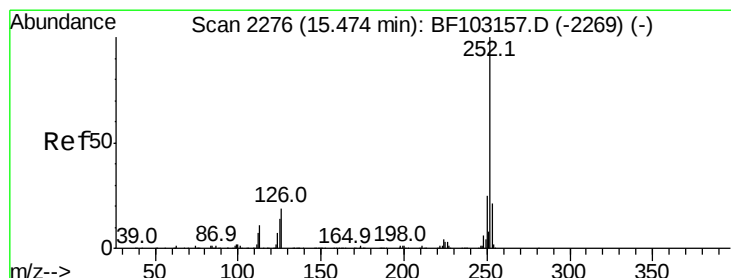
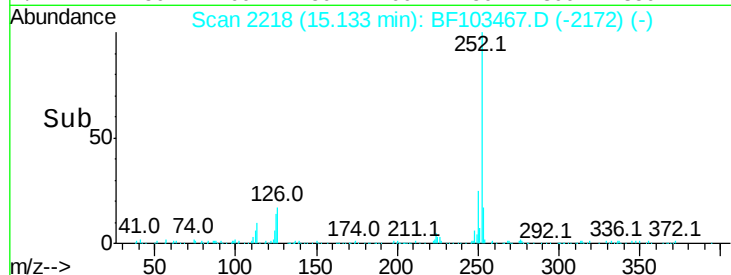
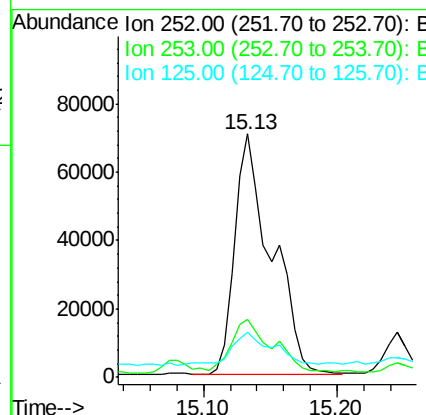
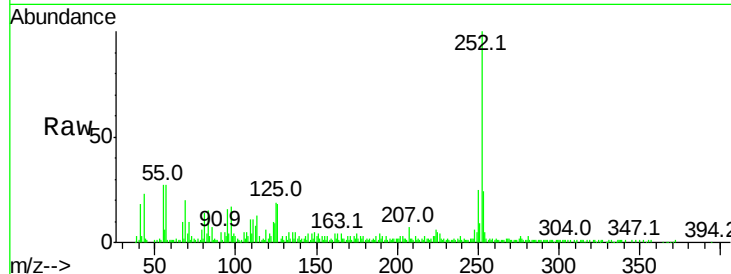




#88
Benzo(k)fluoranthene
Concen: 11.897 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

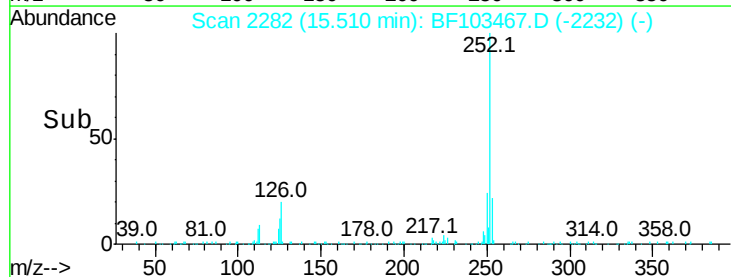
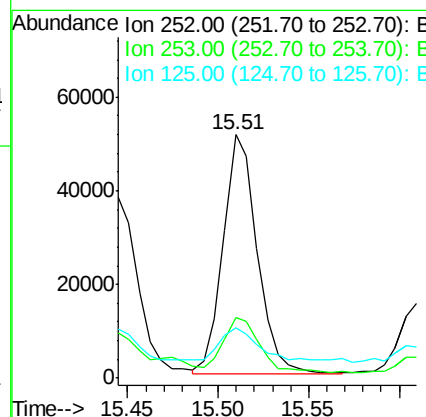
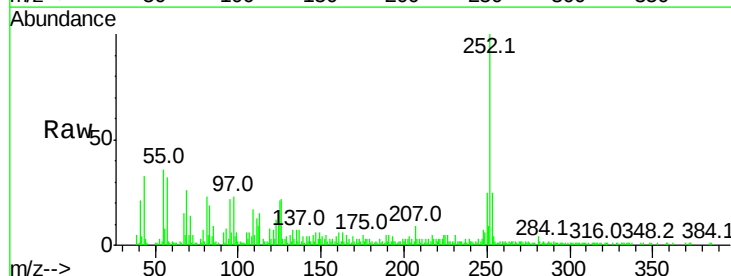
Instrument :
BNA_F
ClientSampled :

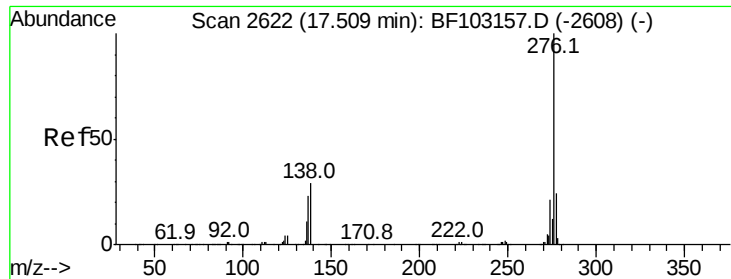
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	18.7	10.2	15.2



#89
Benzo(a)pyrene
Concen: 6.224 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103467.D
Acq: 6 Mar 2018 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	20.7	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 4.317 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.00 min

Lab File: BF103467.D

Acq: 6 Mar 2018 20:36

Instrument :

BNA_F

ClientSampleId :

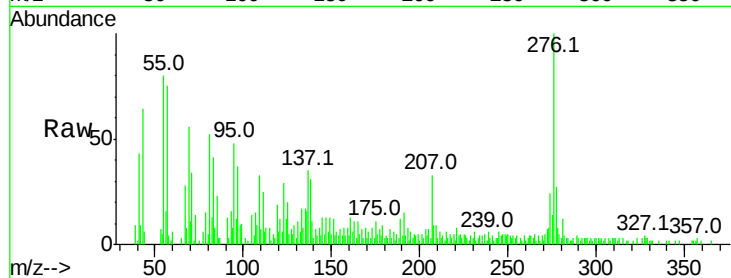
Tot Ion:276 Resp: 35208

Ion Ratio Lower Upper

276 100

277 27.3 17.9 26.9#

138 31.4 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

