

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104193.D
 Acq On : 3 Apr 2018 21:30
 Operator : JU/SJ
 Sample : J2182-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:15:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112358	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	490780	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	230404	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	411721	20.00	ng	0.00
75) Chrysene-d12	14.16	240	242087	20.00	ng	0.00
86) Perylene-d12	15.71	264	232843	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	608361	86.35	ng	0.00
7) Phenol-d6	6.59	99	825080	95.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	488037	60.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	207024	80.69	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	683384	46.77	ng	0.00
78) Terphenyl-d14	13.08	244	647236	61.73	ng	0.00

Target Compounds

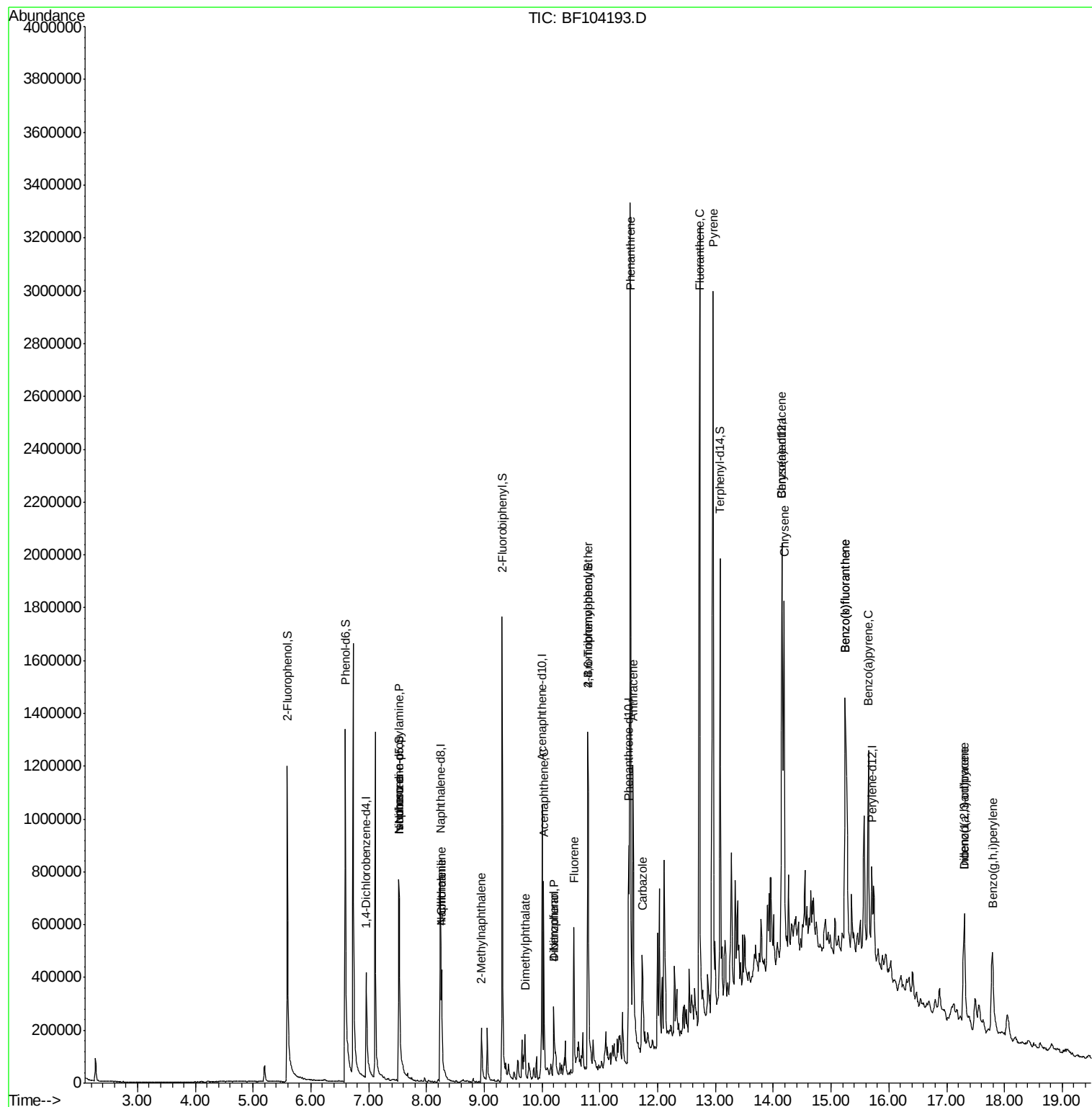
						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	58446	11.362	ng	# 74
25) Isophorone	7.52	82	491182	33.211	ng	# 64
31) Naphthalene	8.26	128	253062	10.555	ng	99
33) 4-Chloroaniline	8.26	127	31777	3.144	ng	# 33
37) 2-Methylnaphthalene	8.95	142	85765	5.430	ng	99
49) Dimethylphthalate	9.70	163	81142	4.461	ng	99
51) Acenaphthene	10.03	154	174175	12.741	ng	98
54) Dibenzofuran	10.20	168	170993	8.565	ng	99
55) 4-Nitrophenol	10.20	139	61742	22.888	ng	# 11
57) Fluorene	10.55	166	220046	13.362	ng	97
66) 4-Bromophenyl-phenylether	10.79	248	12214	2.773	ng	# 1
70) Phenanthrene	11.53	178	1512858	67.869	ng	99
71) Anthracene	11.57	178	621733	26.702	ng	98
72) Carbazole	11.73	167	259363	11.671	ng	99
74) Fluoranthene	12.73	202	1791286	75.600	ng	97
77) Pyrene	12.96	202	1538271	88.393	ng	99
80) Benzo(a)anthracene	14.14	228	754601	49.816	ng	98
82) Chrysene	14.19	228	636145	42.877	ng	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	381702	24.827	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	981899	69.291	ng	# 95
88) Benzo(k)fluoranthene	15.24	252	981899	73.557	ng	97
89) Benzo(a)pyrene	15.64	252	538614	41.016	ng	96
90) Dibenzo(a,h)anthracene	17.30	278	76020	6.261	ng	# 74
91) Benzo(g,h,i)perylene	17.79	276	359997	29.603	ng	94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104193.D
Acq On : 3 Apr 2018 21:30
Operator : JU/SJ
Sample : J2182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 04 01:15:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration



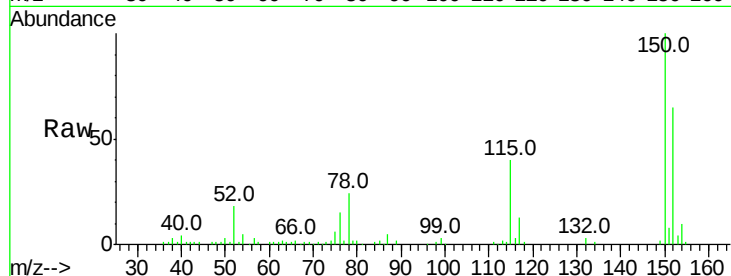


#1

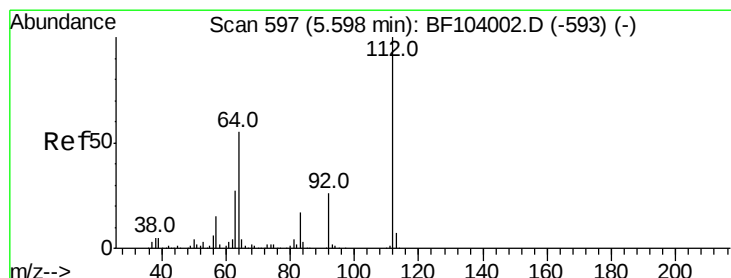
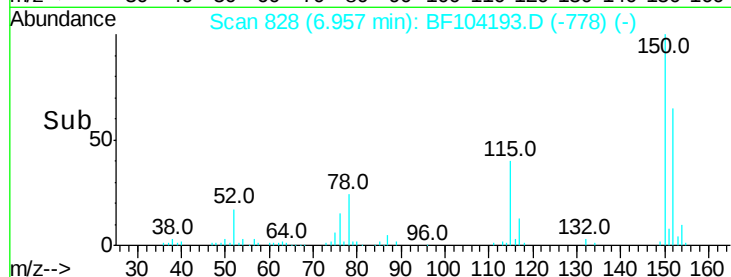
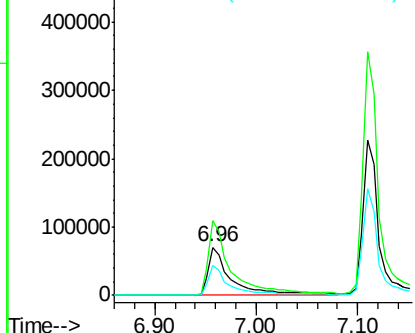
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112358
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.6 50.1 75.1



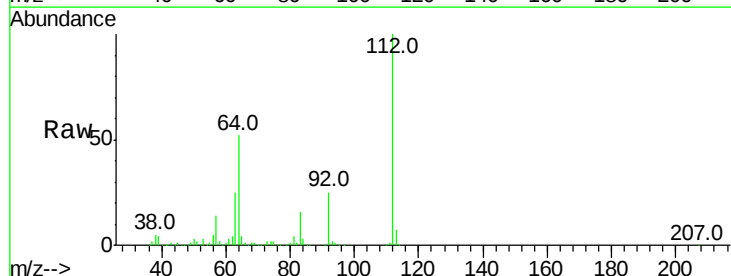
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



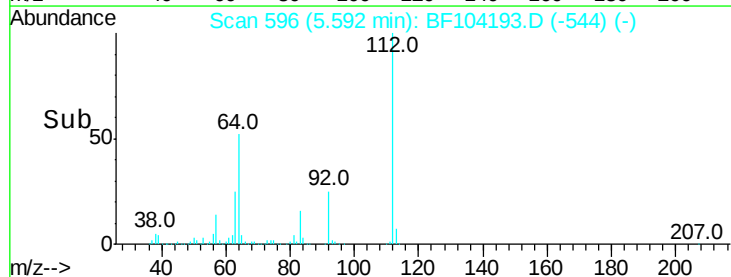
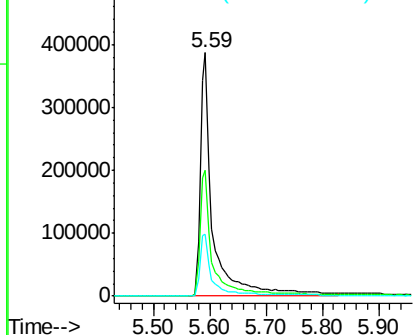
#5

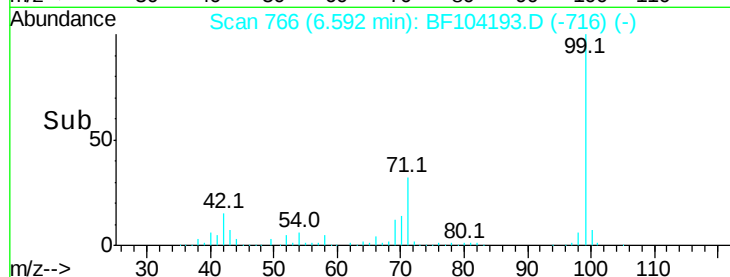
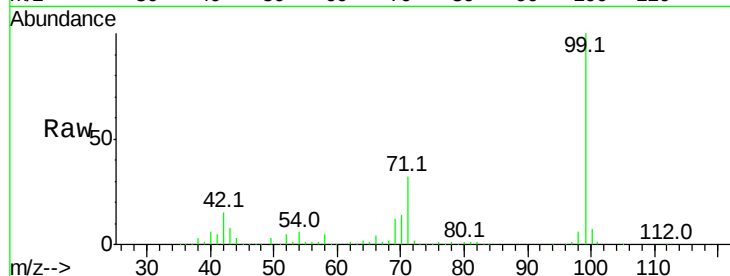
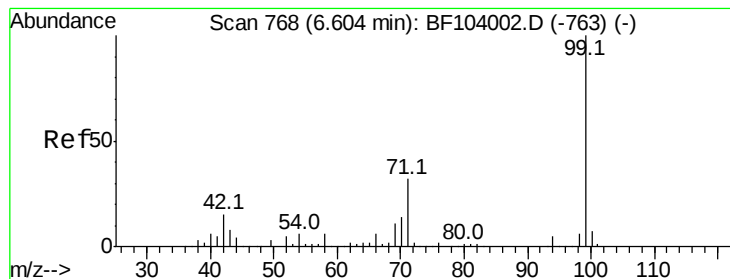
2-Fluorophenol
Concen: 86.347 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:112 Resp: 608361
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 25.4 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: 95.186 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

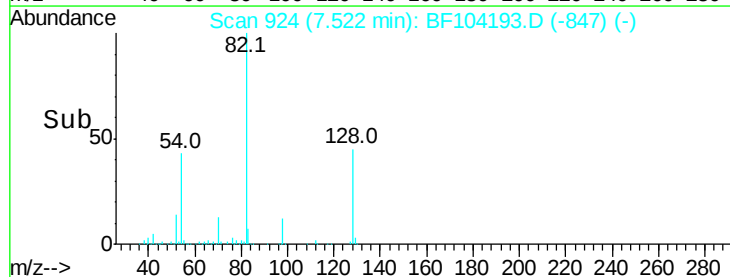
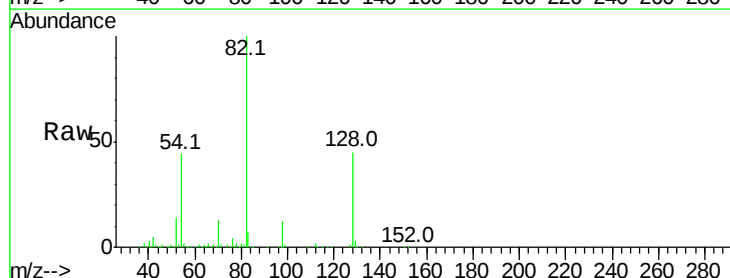
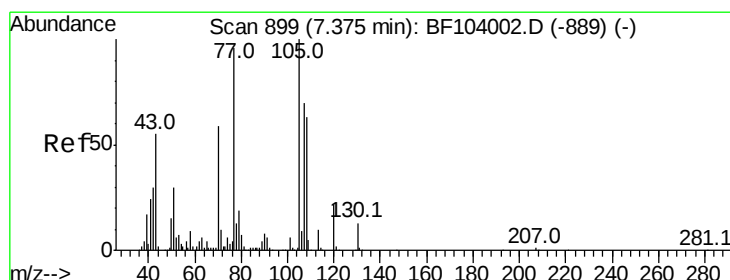
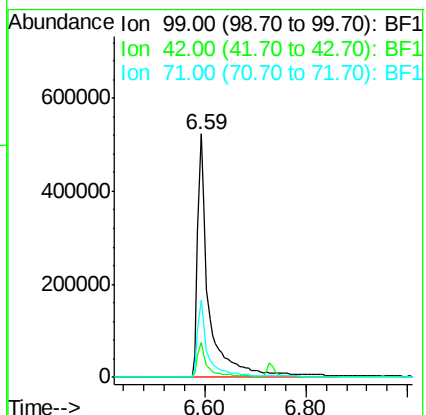
Tot Ion: 99 Resp: 825080

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.362 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Tgt Ion: 70 Resp: 58446

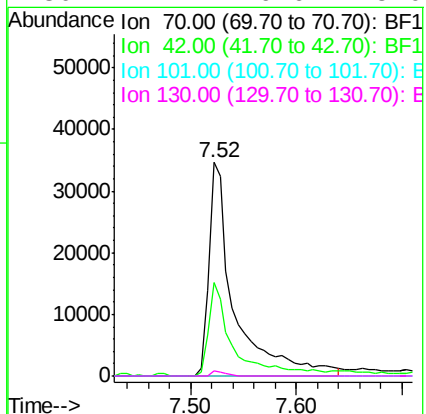
Ion Ratio Lower Upper

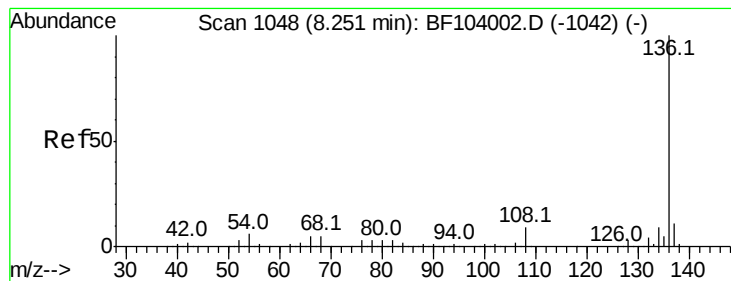
70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 490780

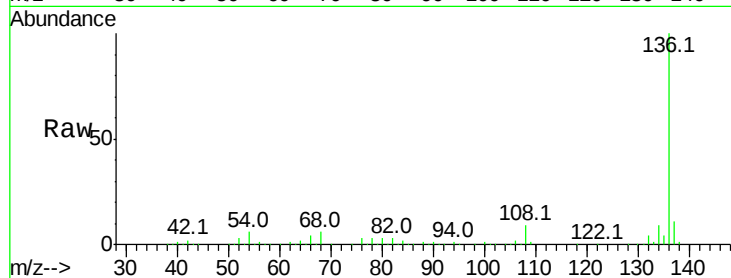
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

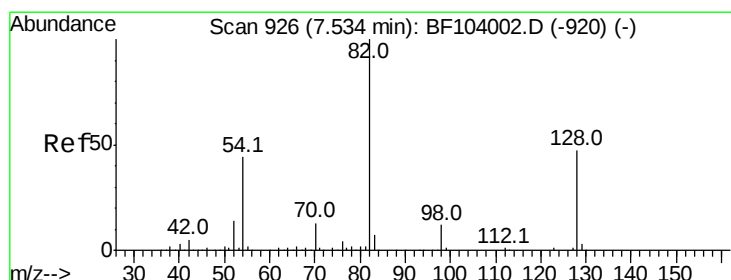
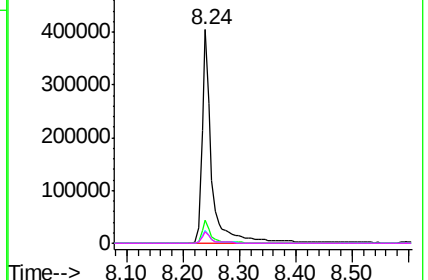
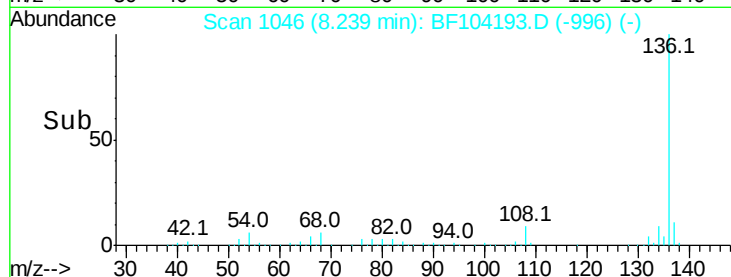


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.814 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

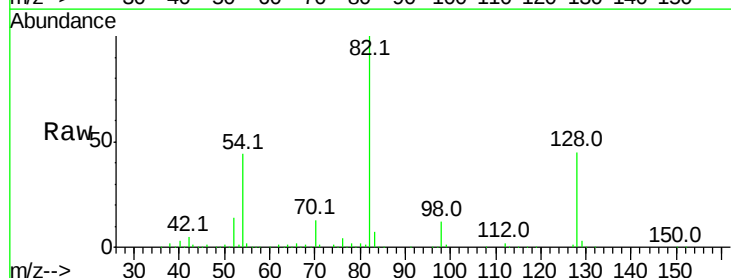
Tgt Ion: 82 Resp: 488037

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

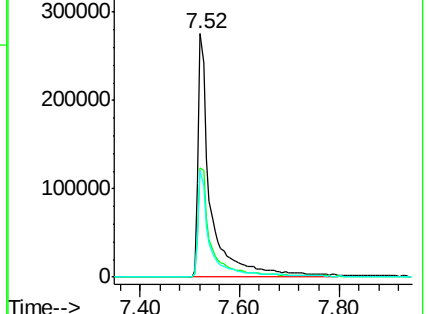
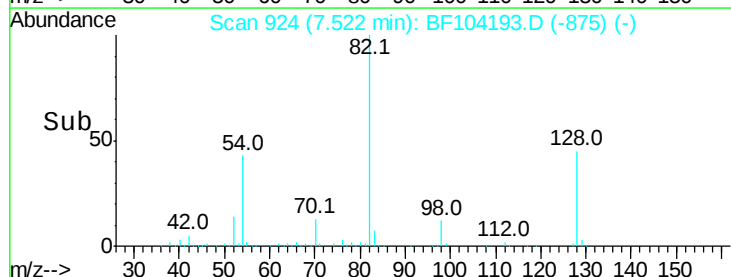
54 43.6 41.4 62.2

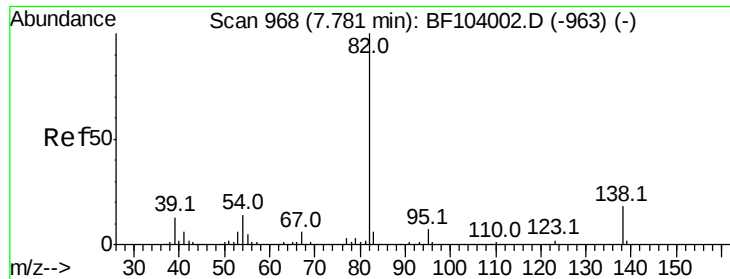


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.211 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.26 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

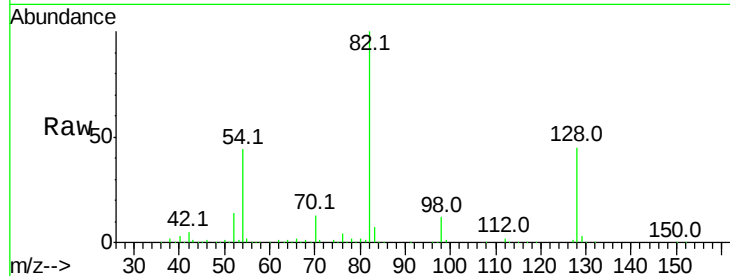
Tot Ion: 82 Resp: 491182

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

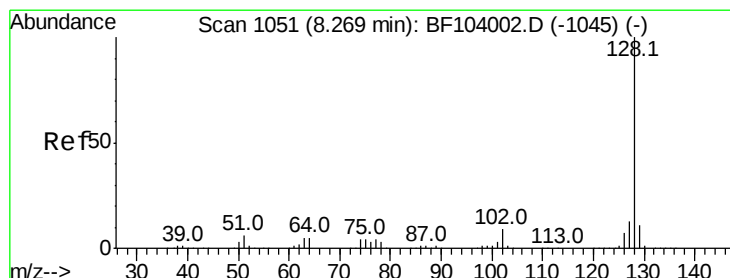
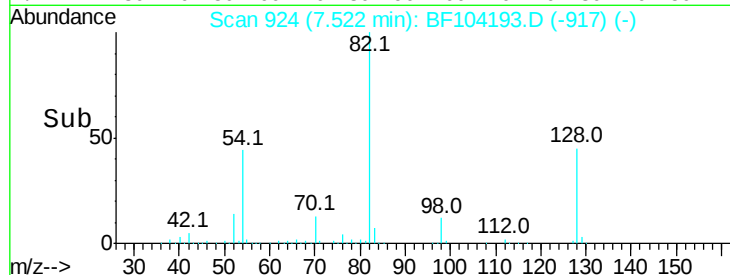
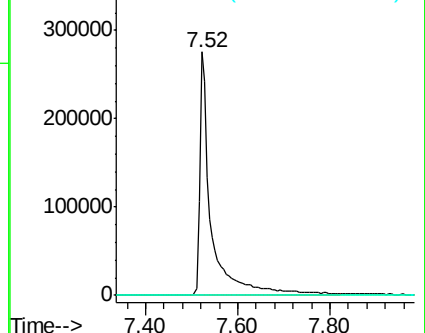
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 10.555 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

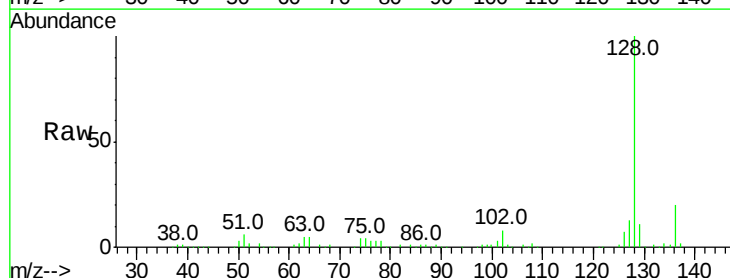
Tgt Ion:128 Resp: 253062

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

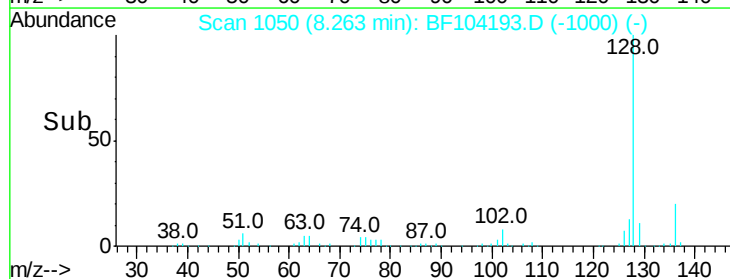
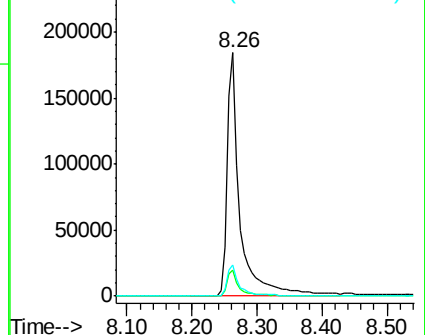
127 13.0 10.9 16.3

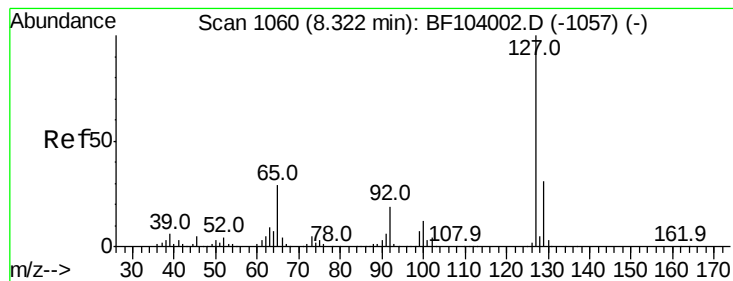


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 3.144 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.06 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 31777

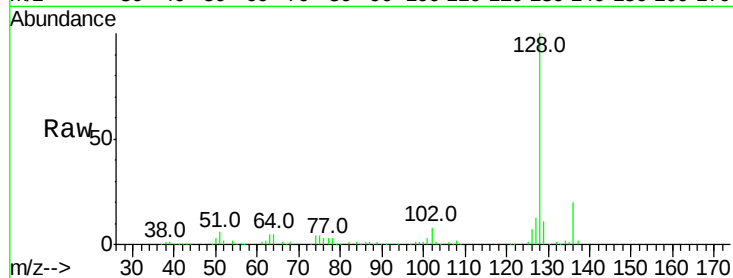
Ion Ratio Lower Upper

127 100

129 84.3 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

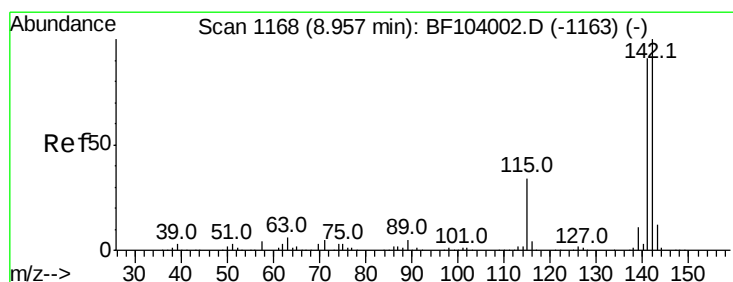
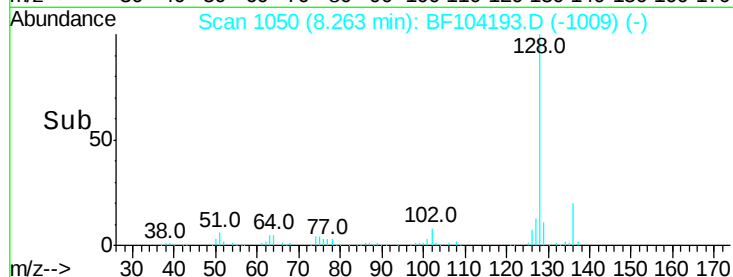
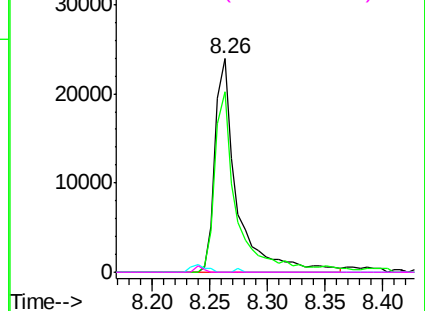


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#37

2-Methylnaphthalene

Concen: 5.430 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

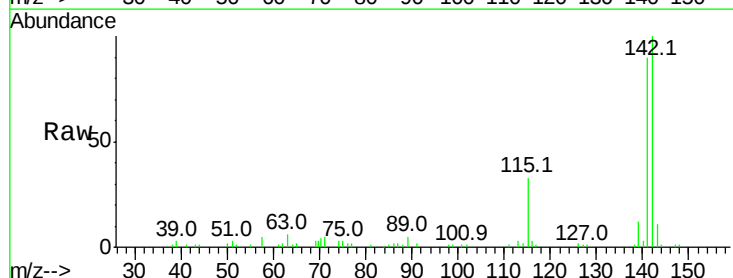
Tgt Ion:142 Resp: 85765

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

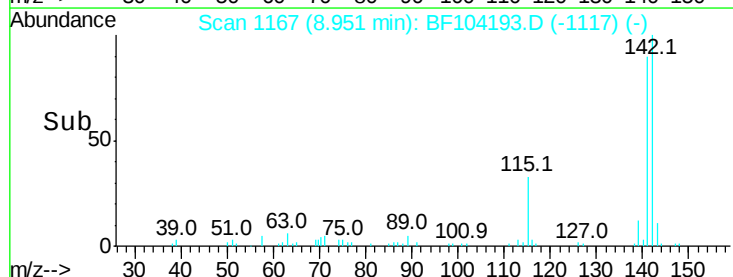
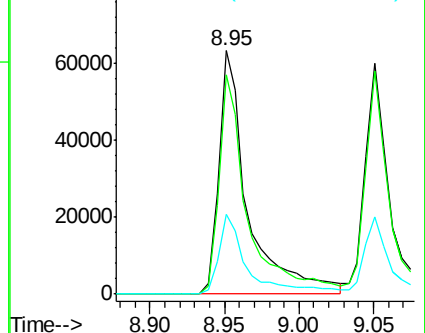
115 33.0 26.1 39.1

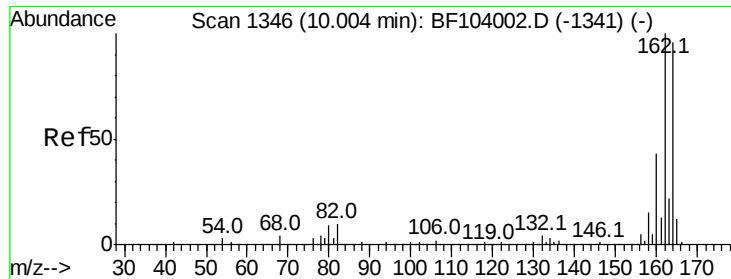


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

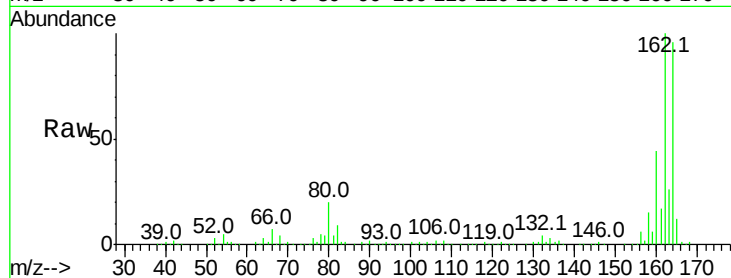
Tot Ion:164 Resp: 230404

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

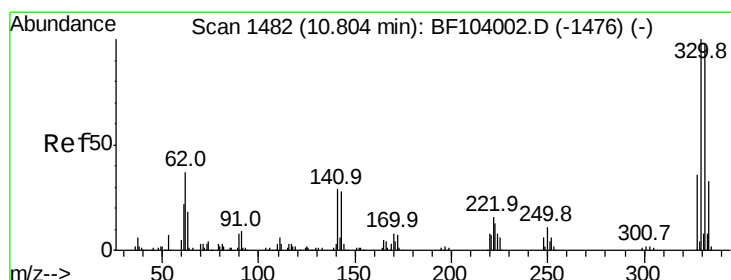
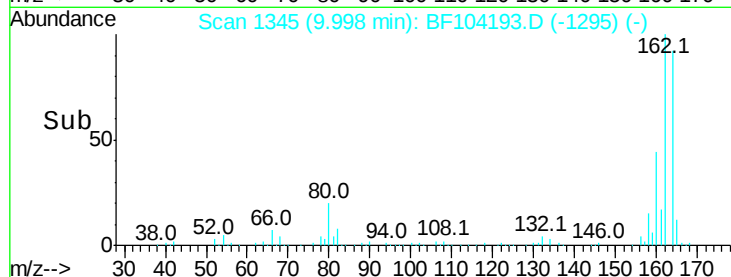
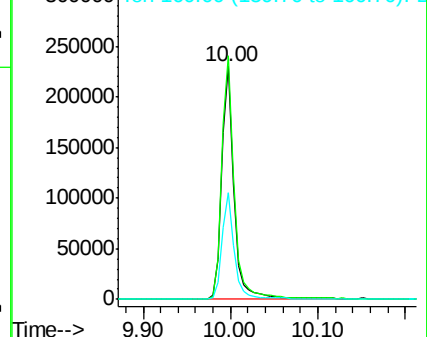
160 45.9 38.3 57.5



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: 80.694 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

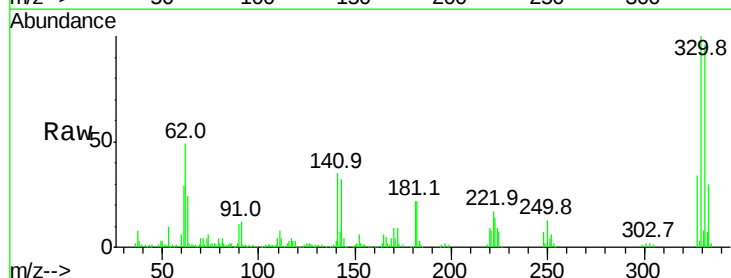
Tgt Ion:330 Resp: 207024

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

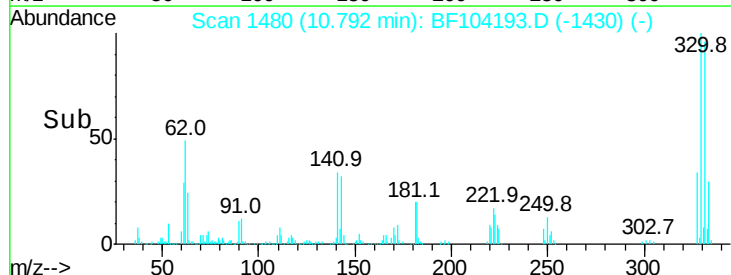
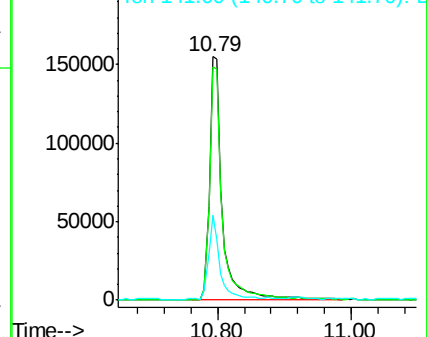
141 30.0 29.9 44.9

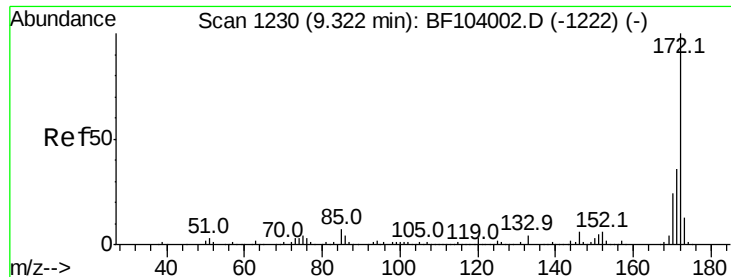


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

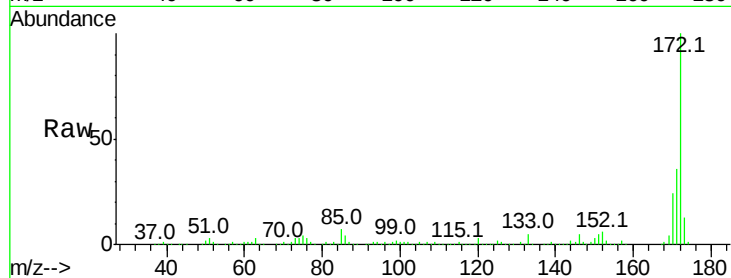




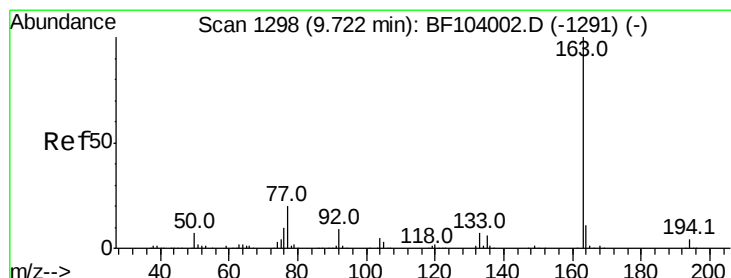
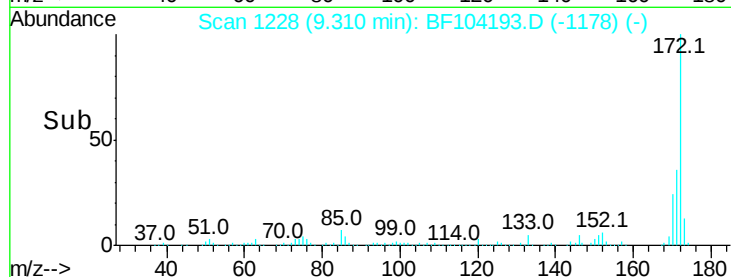
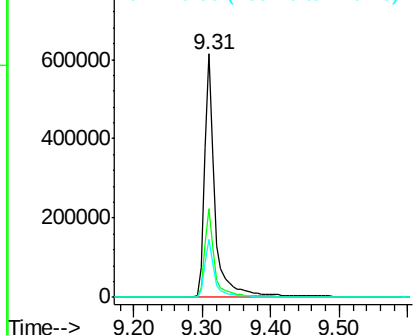
#44
2-Fluorobiphenyl
Concen: 46.772 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 683384
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4

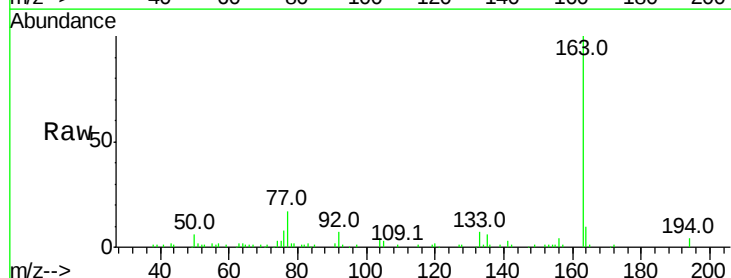


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

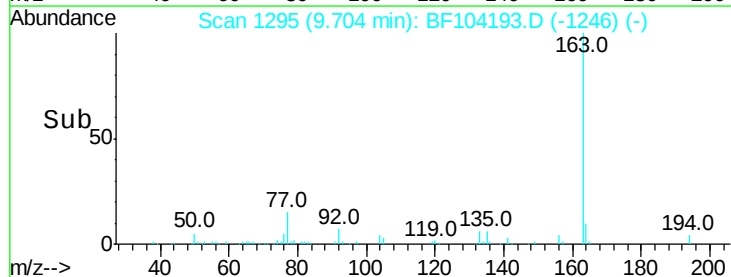
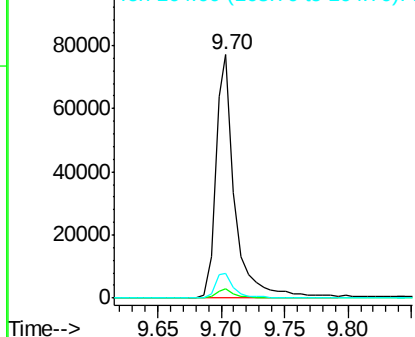


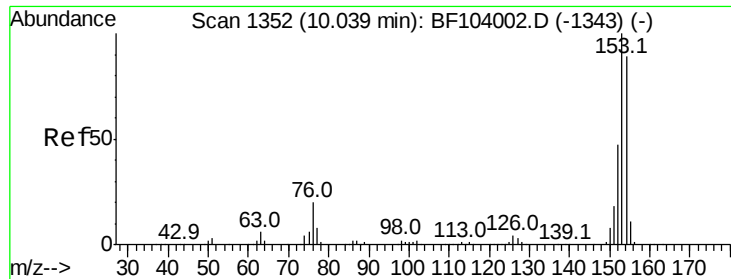
#49
Dimethylphthalate
Concen: 4.461 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:163 Resp: 81142
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

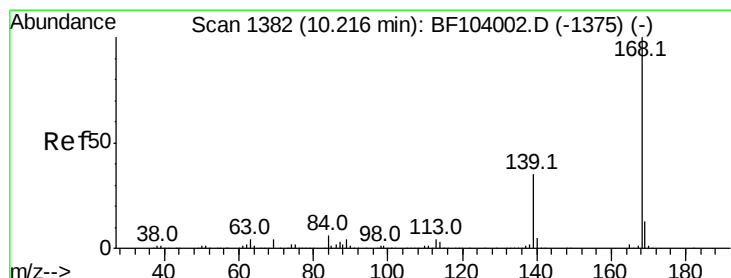
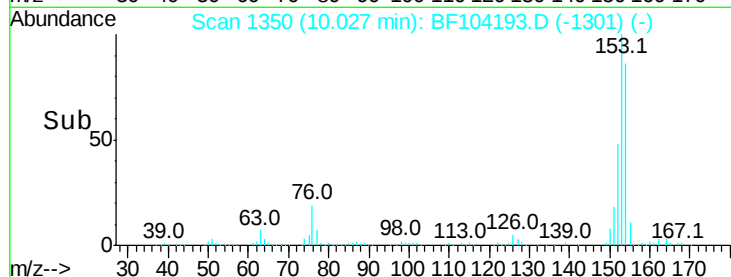
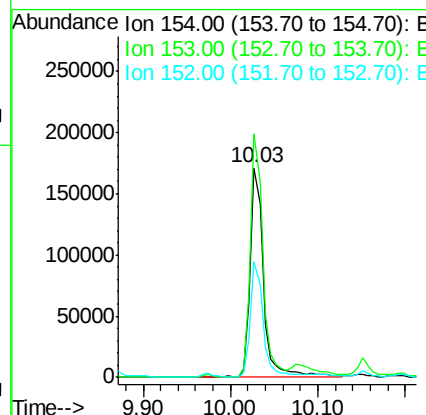
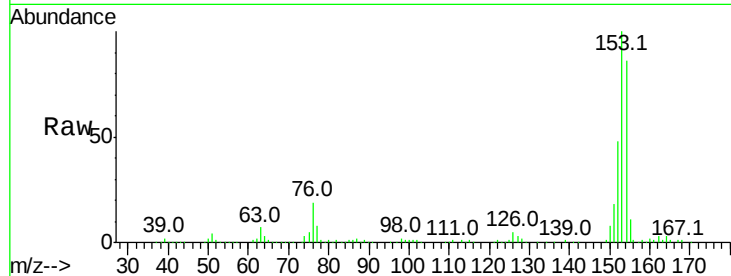




#51
Acenaphthene
Concen: 12.741 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

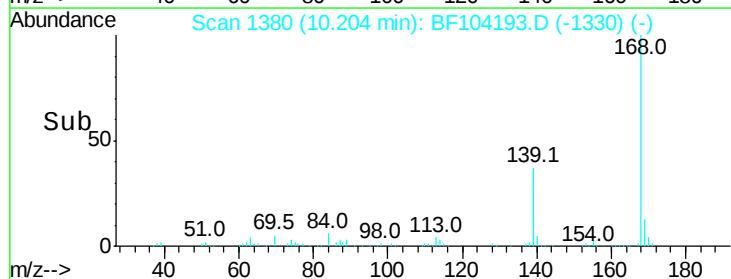
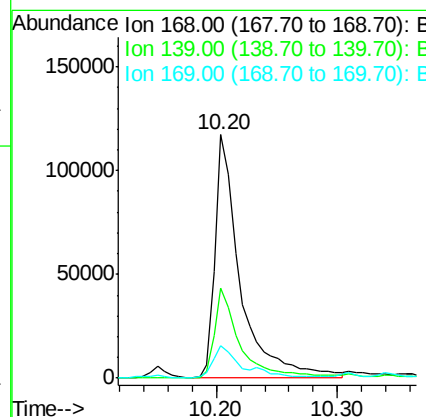
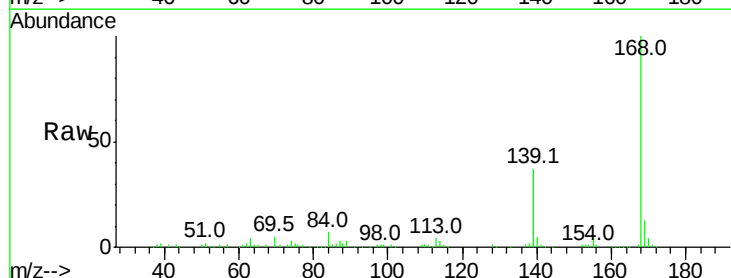
Instrument :
BNA_F
ClientSampled :

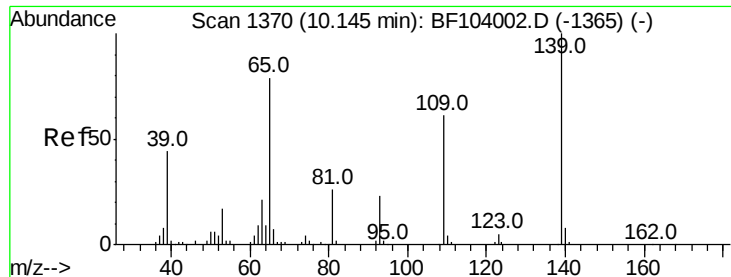
Tot Ion:154 Resp: 174175
Ion Ratio Lower Upper
154 100
153 116.2 91.2 136.8
152 55.3 43.8 65.8



#54
Dibenzofuran
Concen: 8.565 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:168 Resp: 170993
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.3 10.9 16.3

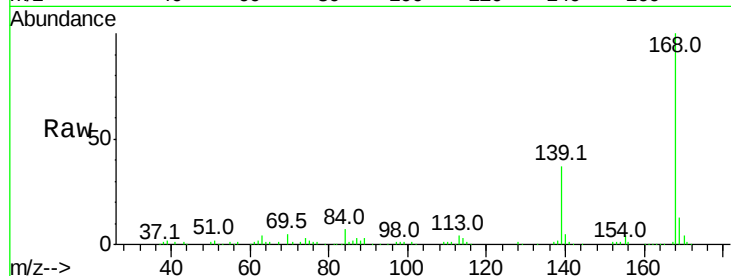




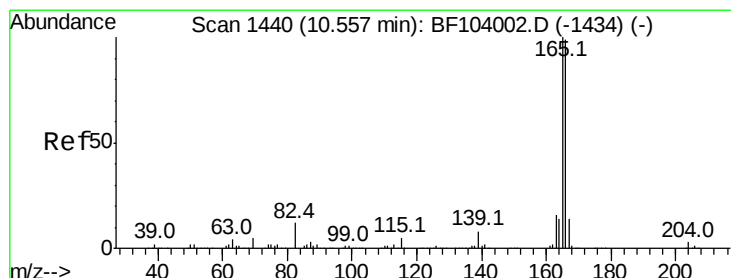
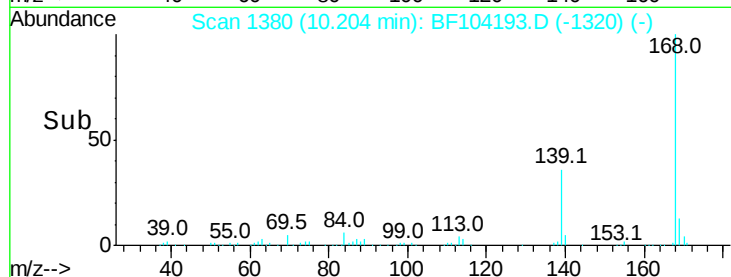
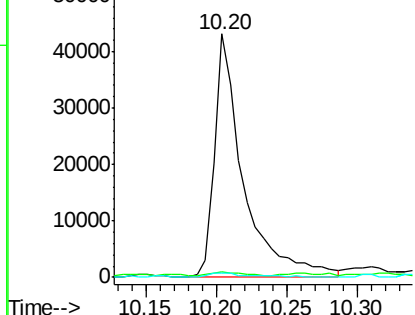
#55
4-Nitrophenol
Concen: 22.888 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.05 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.1	48.4	88.4#
65	1.6	72.6	112.6#

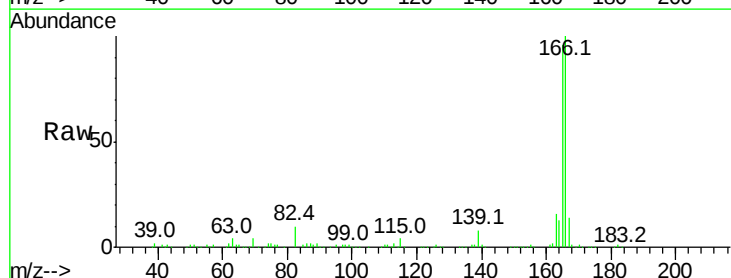


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

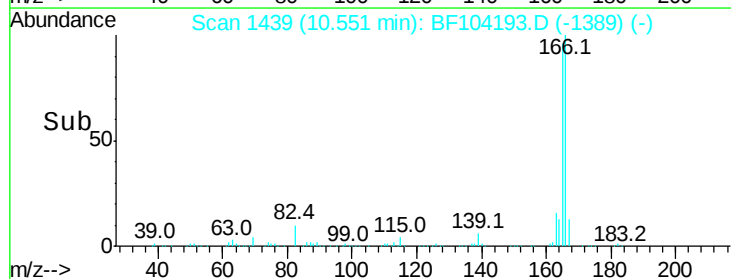
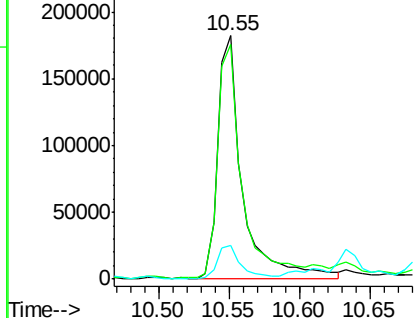


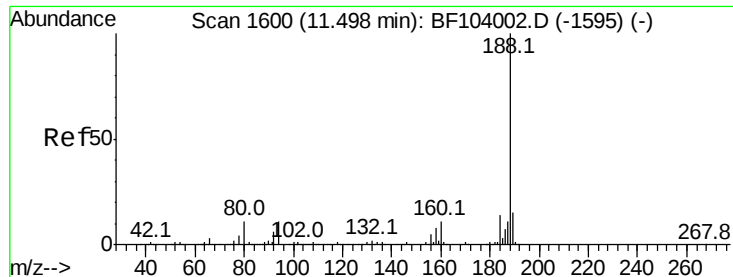
#57
Fluorene
Concen: 13.362 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	13.6	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

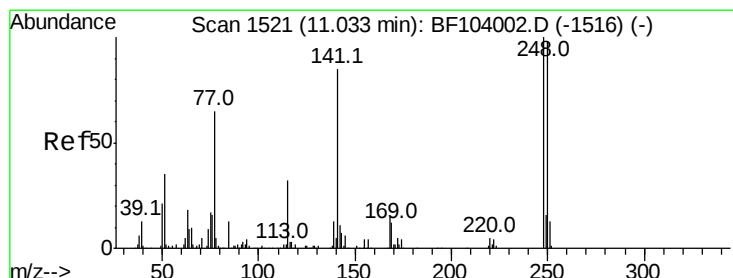
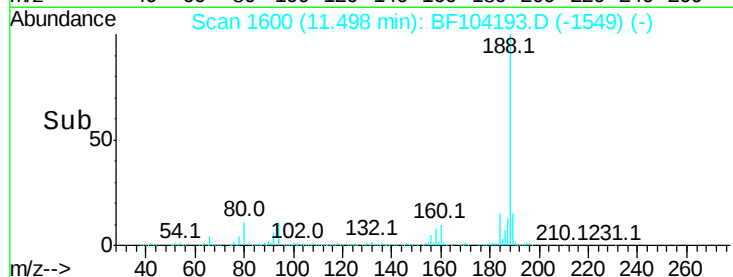
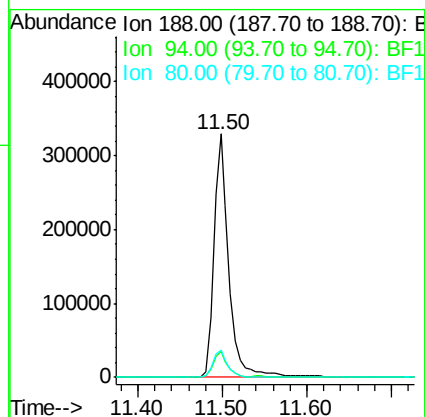
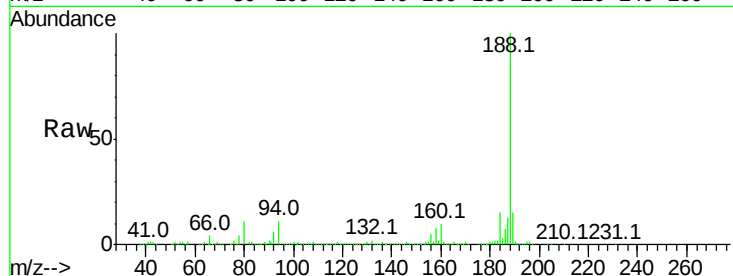




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

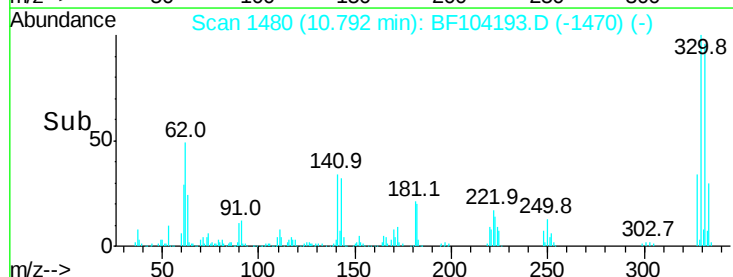
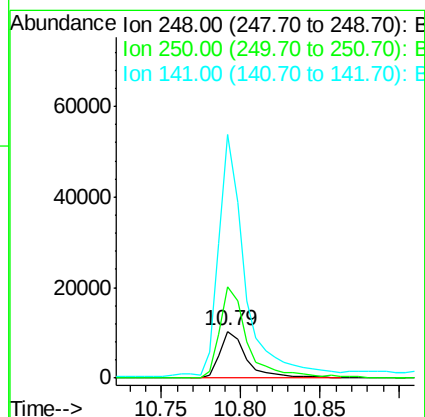
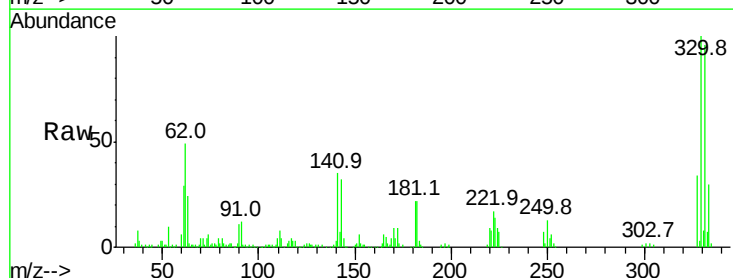
Instrument :
BNA_F
ClientSampled :

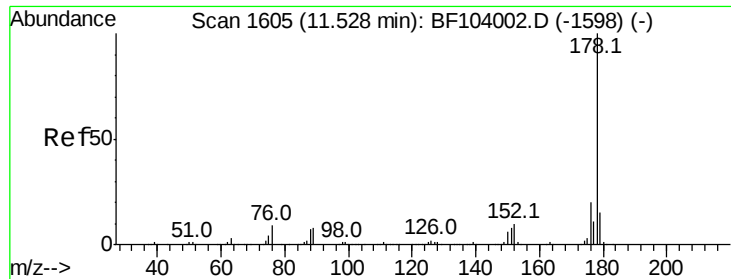
Tot Ion:188 Resp: 411721
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.773 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:248 Resp: 12214
Ion Ratio Lower Upper
248 100
250 195.4 76.9 115.3#
141 523.7 74.4 111.6#

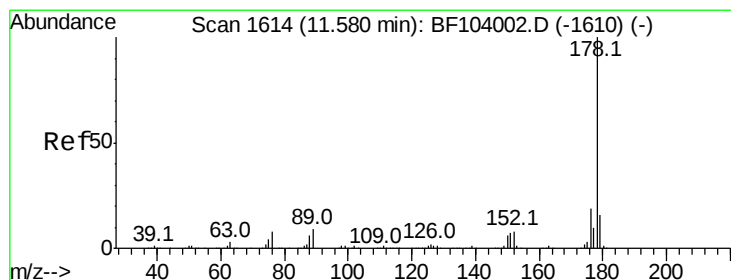
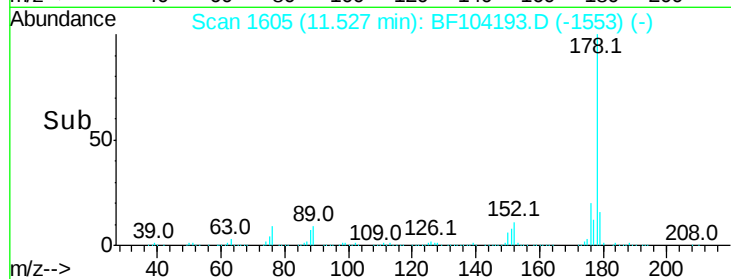
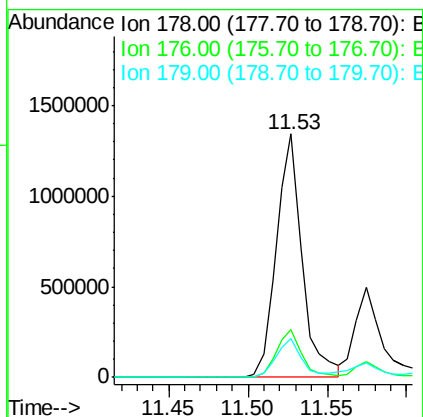
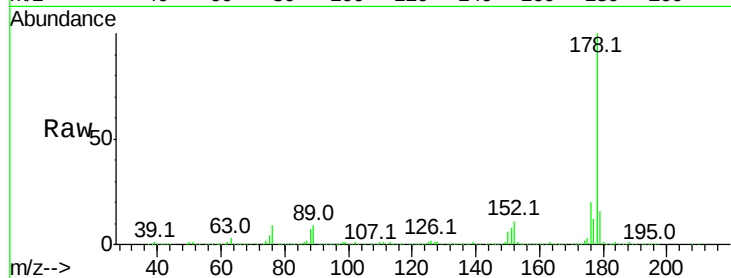




#70
Phenanthrene
Concen: 67.869 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

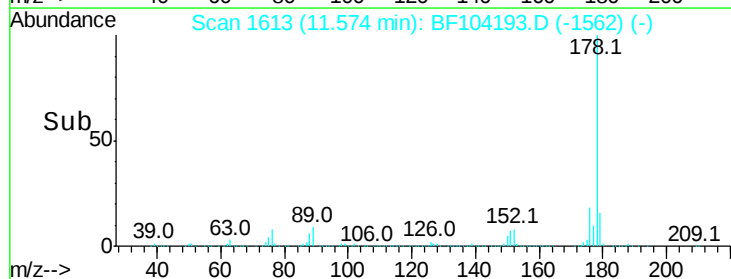
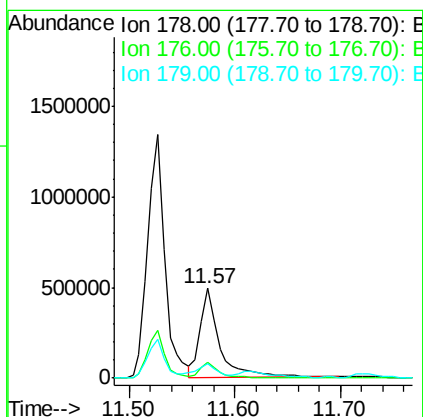
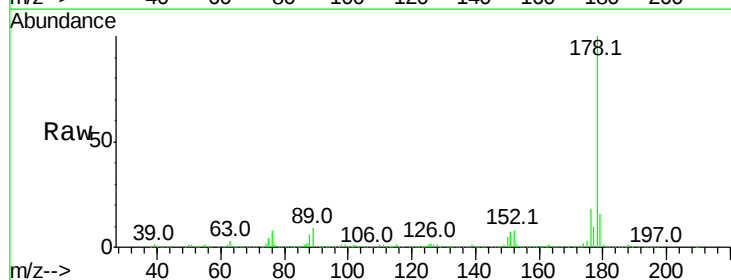
Instrument :
BNA_F
ClientSampleId :

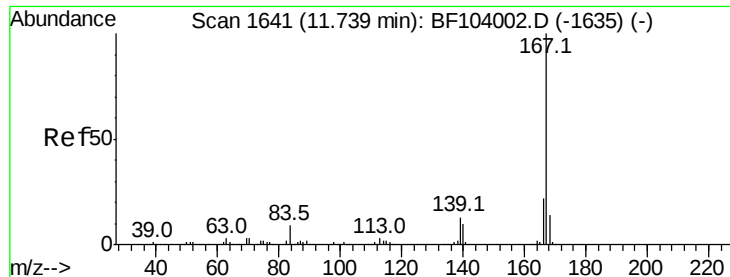
Tot Ion:178 Resp: 1512858
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 26.702 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:178 Resp: 621733
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 16.4 12.6 19.0





#72

Carbazole

Concen: 11.671 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

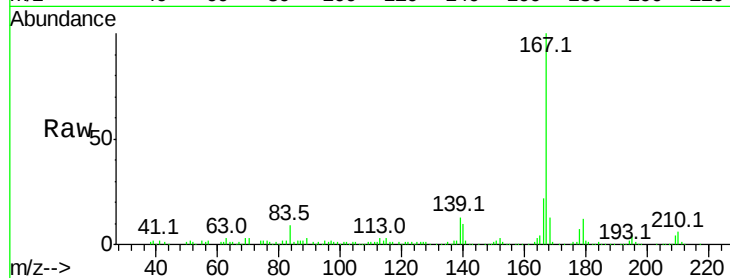
Tot Ion:167 Resp: 259363

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

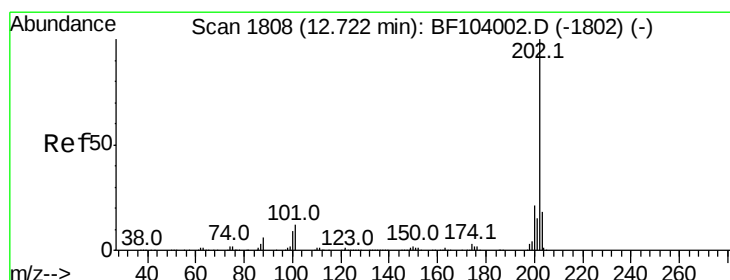
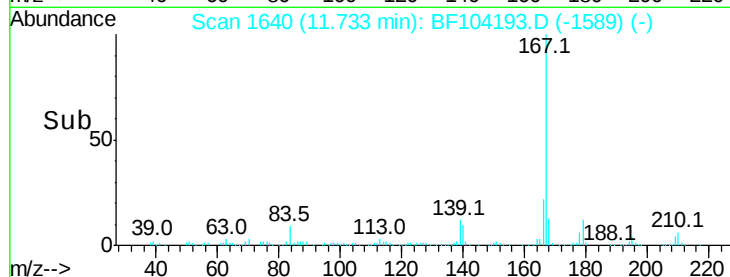
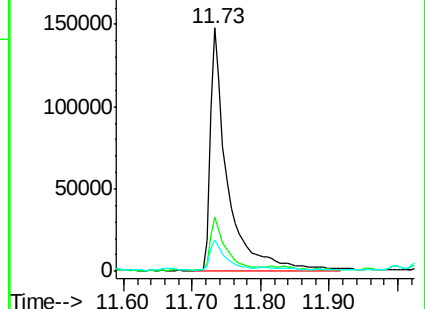
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 75.600 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

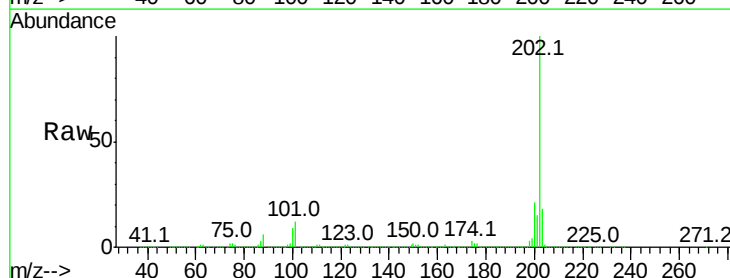
Tgt Ion:202 Resp: 1791286

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

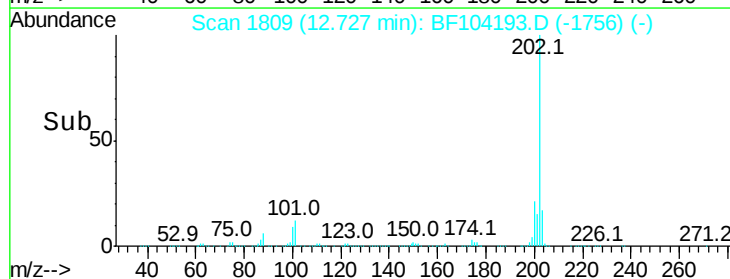
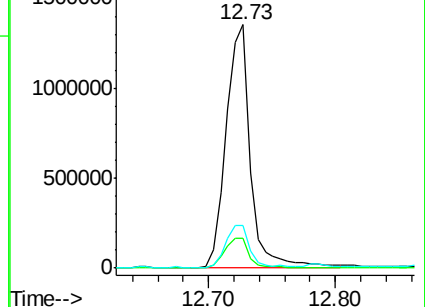
203 17.5 0.0 38.1

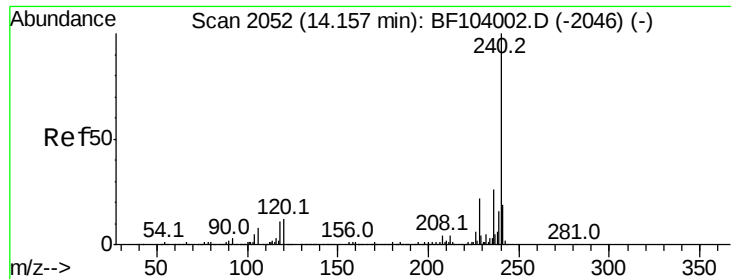


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

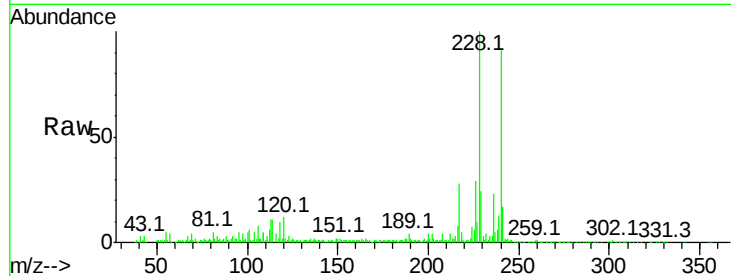
Tot Ion:240 Resp: 242087

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

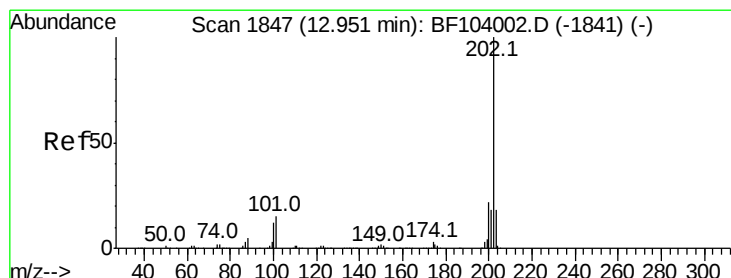
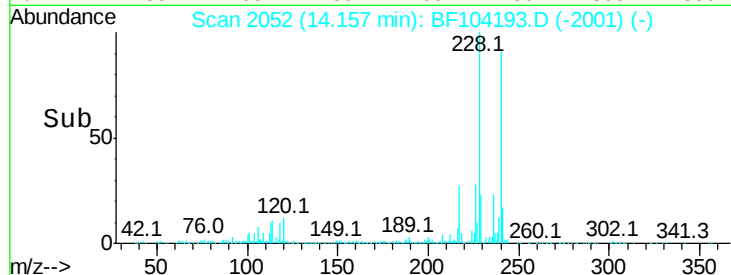
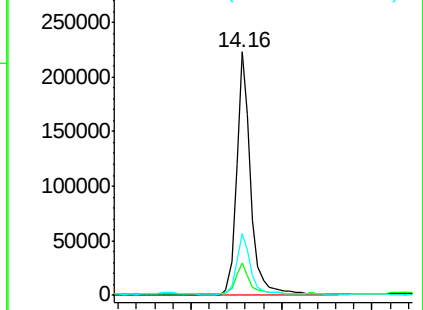
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 88.393 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

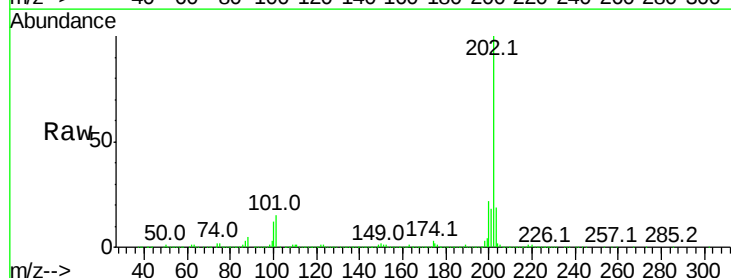
Tgt Ion:202 Resp: 1538271

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

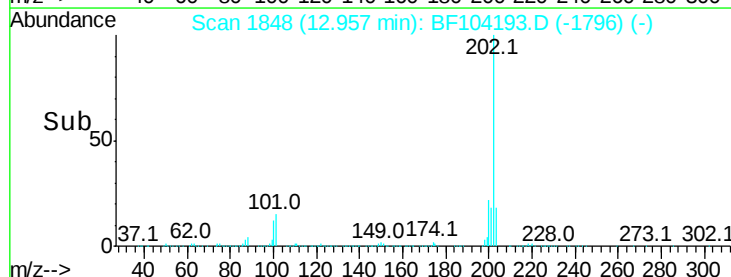
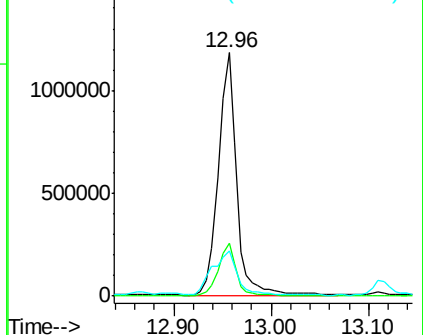
203 18.8 14.3 21.5

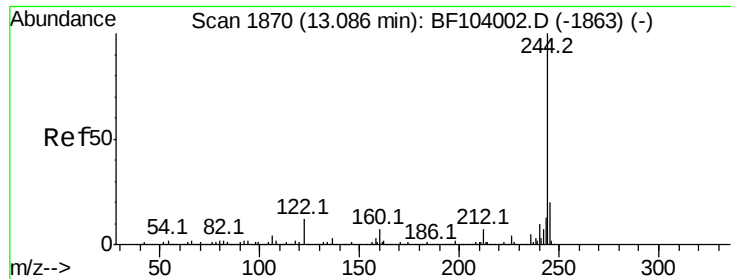


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.731 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

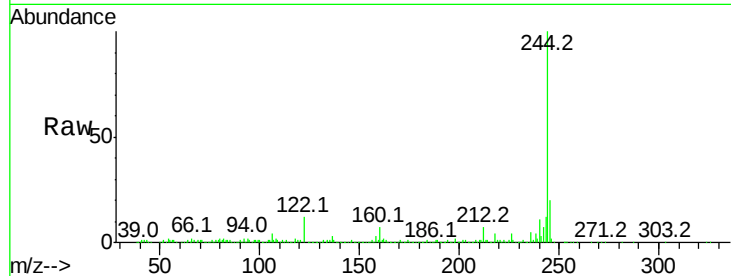
Tot Ion:244 Resp: 647236

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.2	11.0	16.4

244 100

212 6.7 5.4 8.0

122 12.2 11.0 16.4



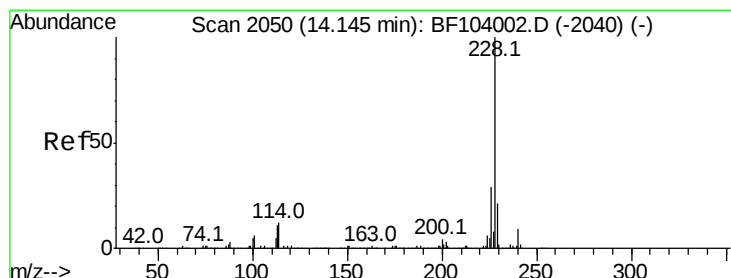
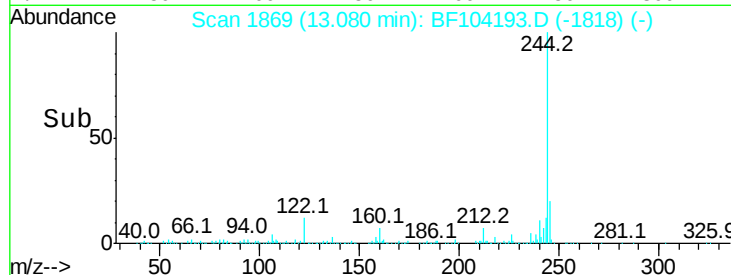
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.08

Time-->



#80

Benzo(a)anthracene

Concen: 49.816 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

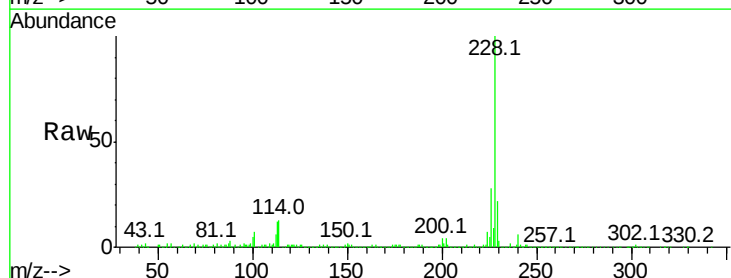
Tgt Ion:228 Resp: 754601

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.7	15.8	23.6

228 100

226 27.6 22.6 33.8

229 21.7 15.8 23.6



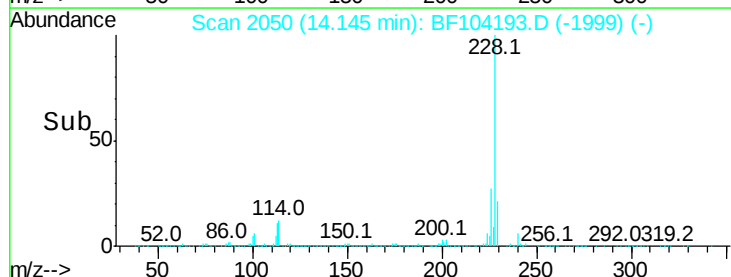
Abundance Ion 228.00 (227.70 to 228.70): E

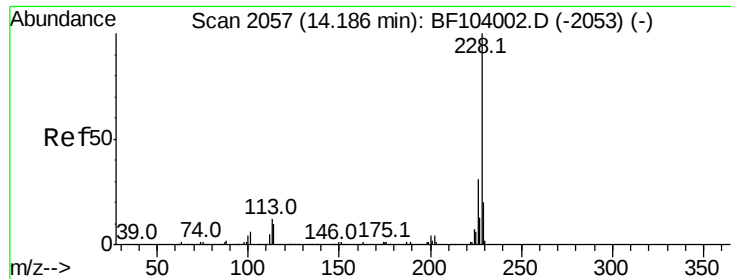
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.14

Time-->





#82

Chrysene

Concen: 42.877 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

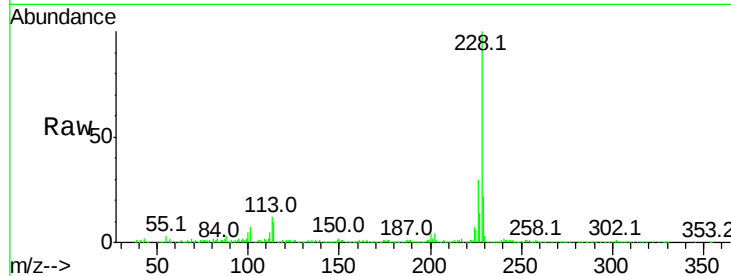
Tot Ion:228 Resp: 636145

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

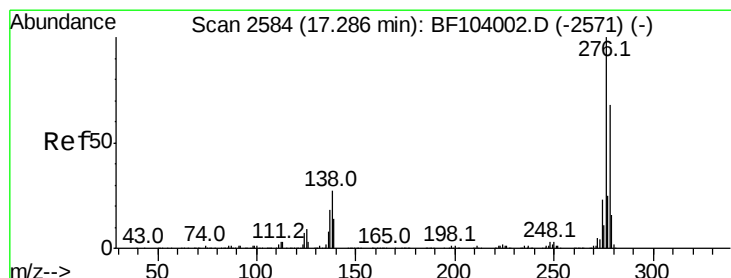
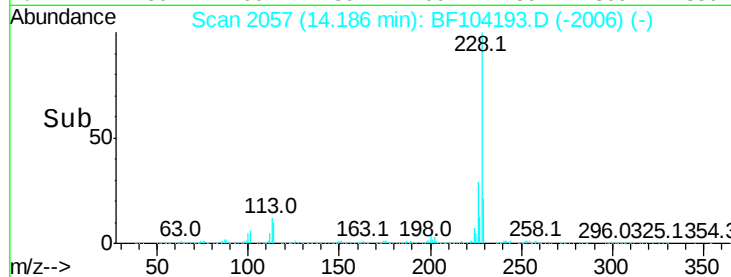
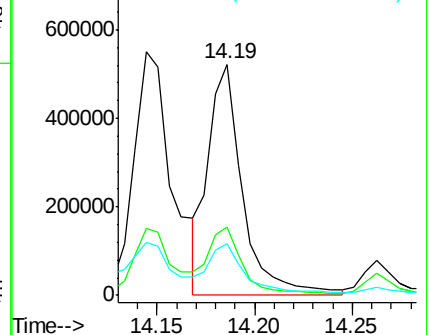
229 22.2 16.2 24.4



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: 24.827 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

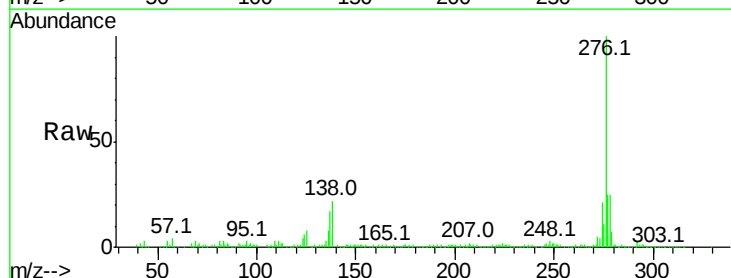
Tgt Ion:276 Resp: 381702

Ion Ratio Lower Upper

276 100

138 23.2 25.0 37.6#

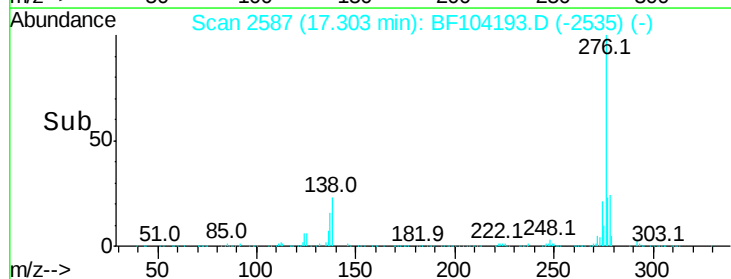
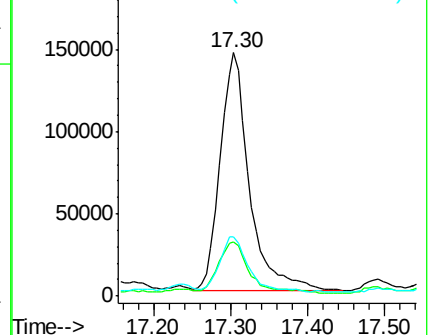
277 22.6 20.1 30.1

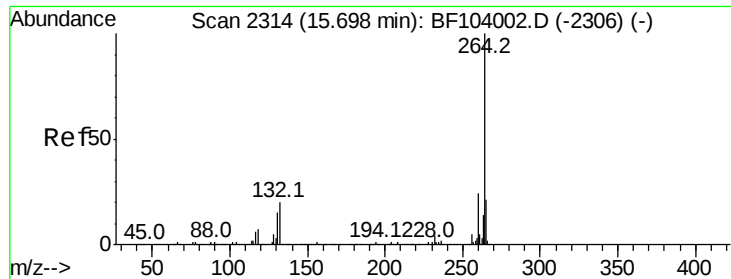


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



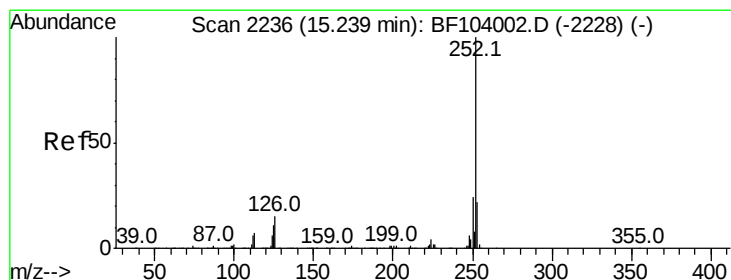
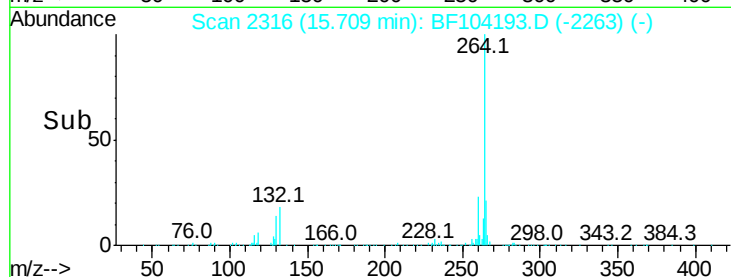
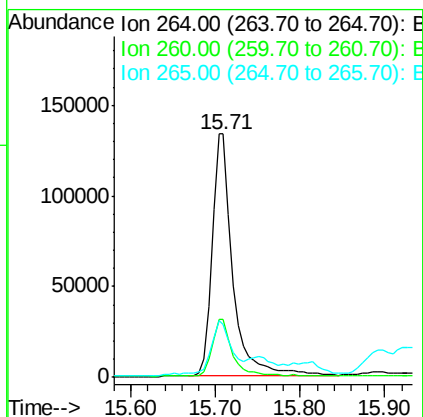
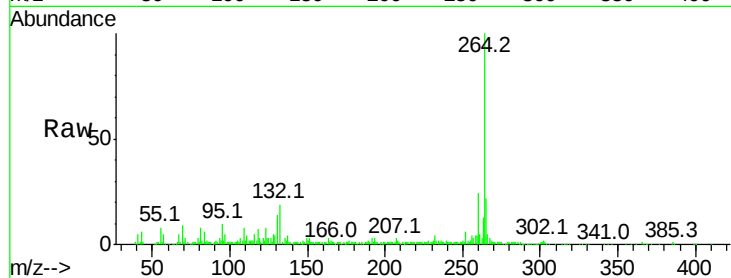


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 232843

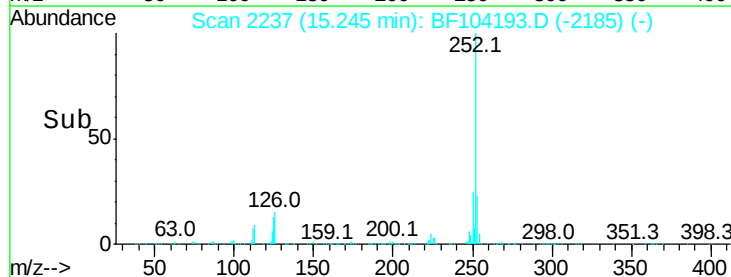
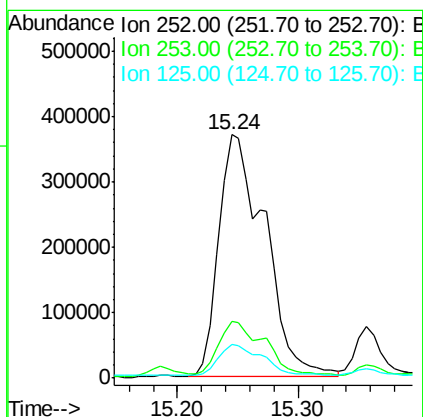
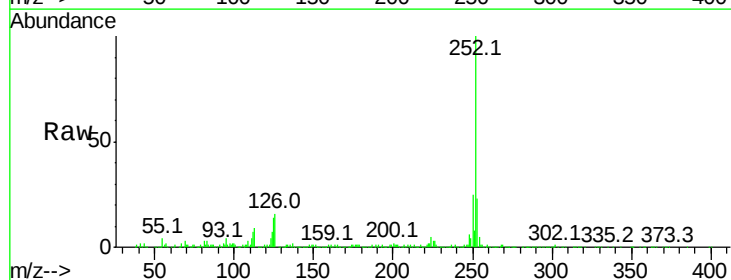
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

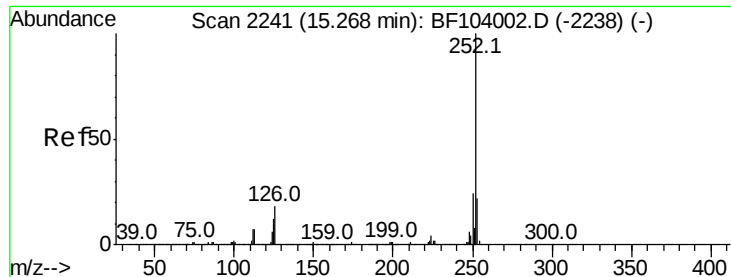


#87
Benzo(b)fluoranthene
Concen: 69.291 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion:252 Resp: 981899

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.9	9.0	13.6

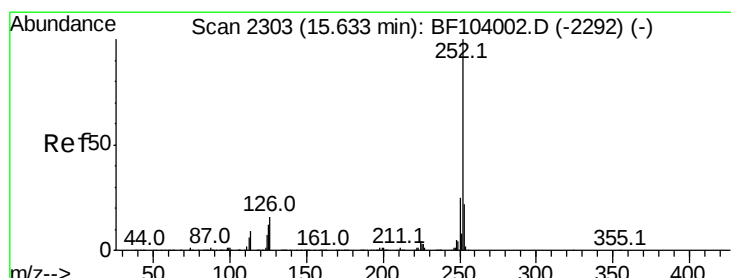
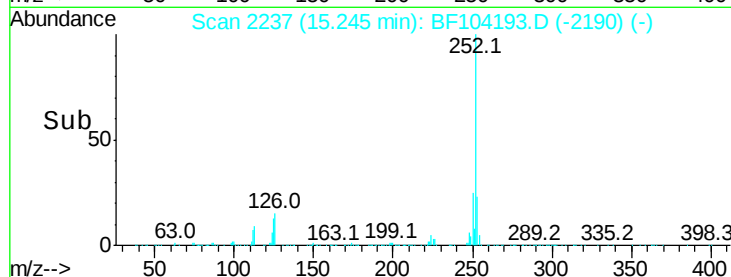
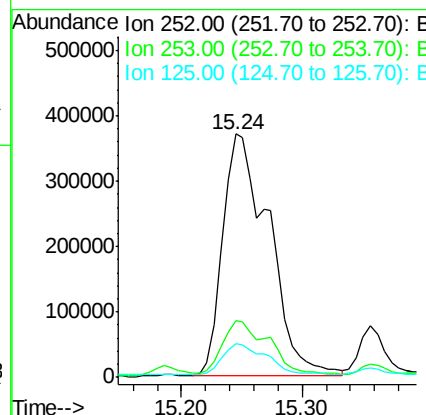
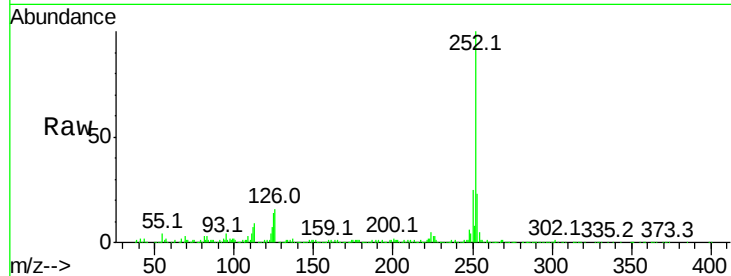




#88
Benzo(k)fluoranthene
Concen: 73.557 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

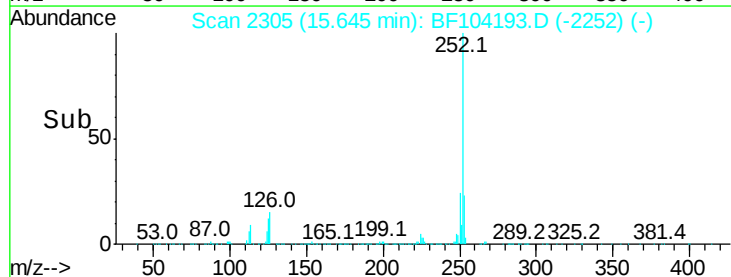
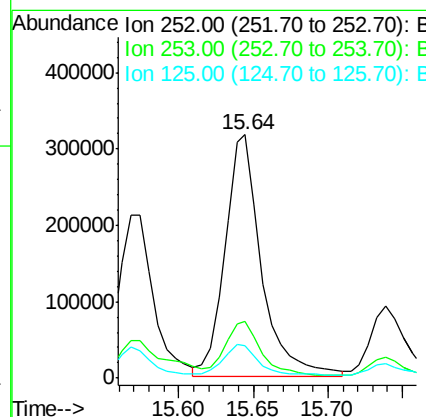
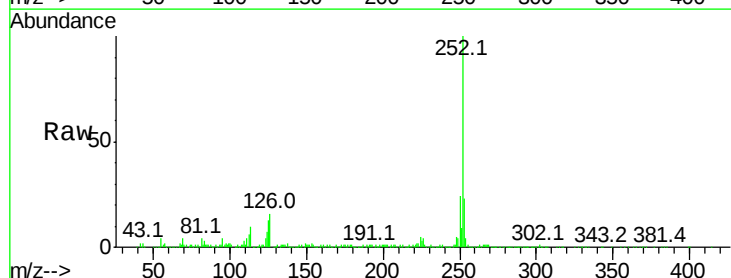
Instrument :
BNA_F
ClientSampleId :

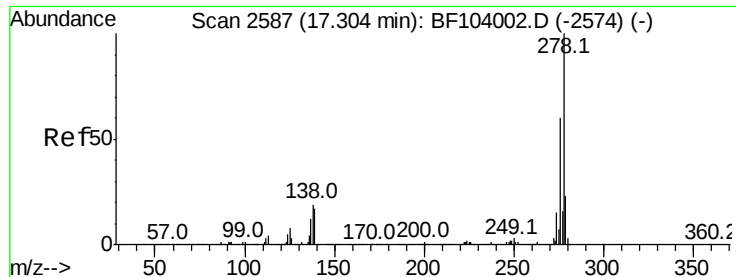
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.9	10.2	15.2



#89
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BF104193.D
Acq: 3 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 6.261 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

Instrument :

BNA_F

ClientSampled :

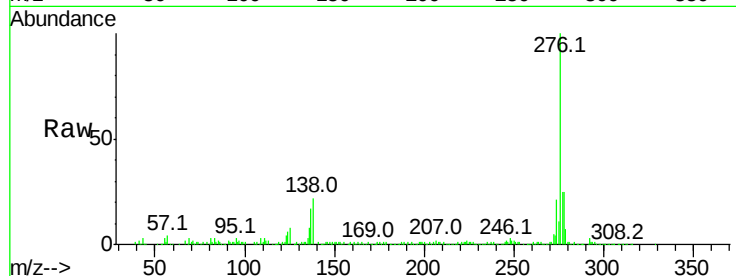
Tot Ion:278 Resp: 76020

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

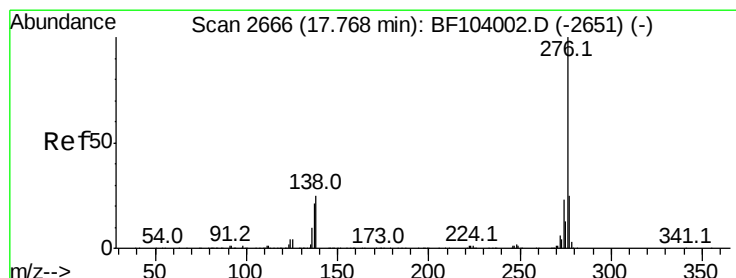
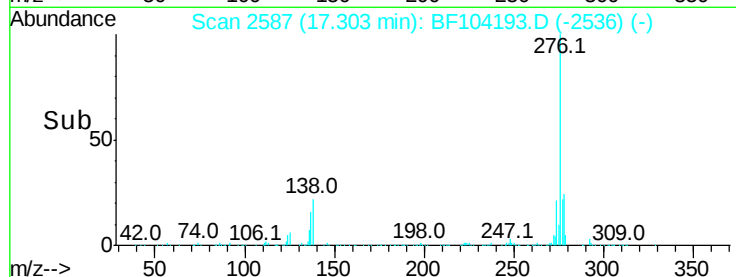
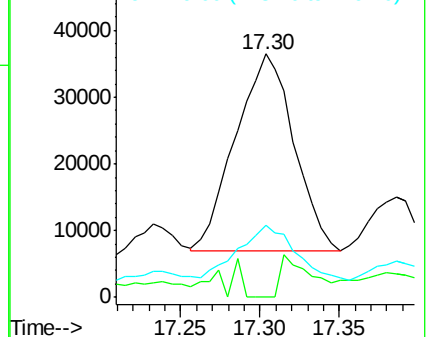
279 29.4 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 29.603 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.01 min

Lab File: BF104193.D

Acq: 3 Apr 2018 21:30

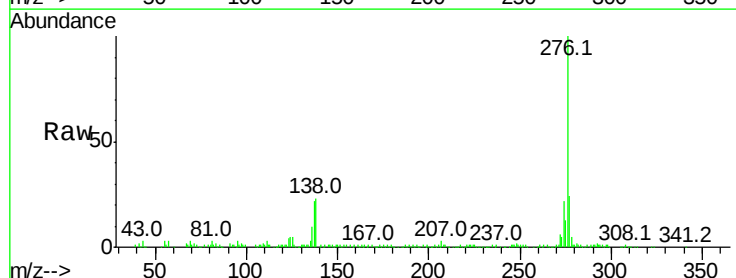
Tgt Ion:276 Resp: 359997

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 23.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

