

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106720.D
 Acq On : 22 Jun 2018 20:36
 Operator : JU/SJ
 Sample : J3246-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:24:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	53076	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	202090	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	93180	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	160774	20.00	ng	0.00
75) Chrysene-d12	14.15	240	145336	20.00	ng	0.00
86) Perylene-d12	15.68	264	122421	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	144478	46.09	ng	0.00
7) Phenol-d6	6.60	99	183728	46.94	ng	-0.01
23) Nitrobenzene-d5	7.52	82	112531	30.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	47049	43.56	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	226229	31.88	ng	-0.01
78) Terphenyl-d14	13.08	244	223703	37.28	ng	0.00

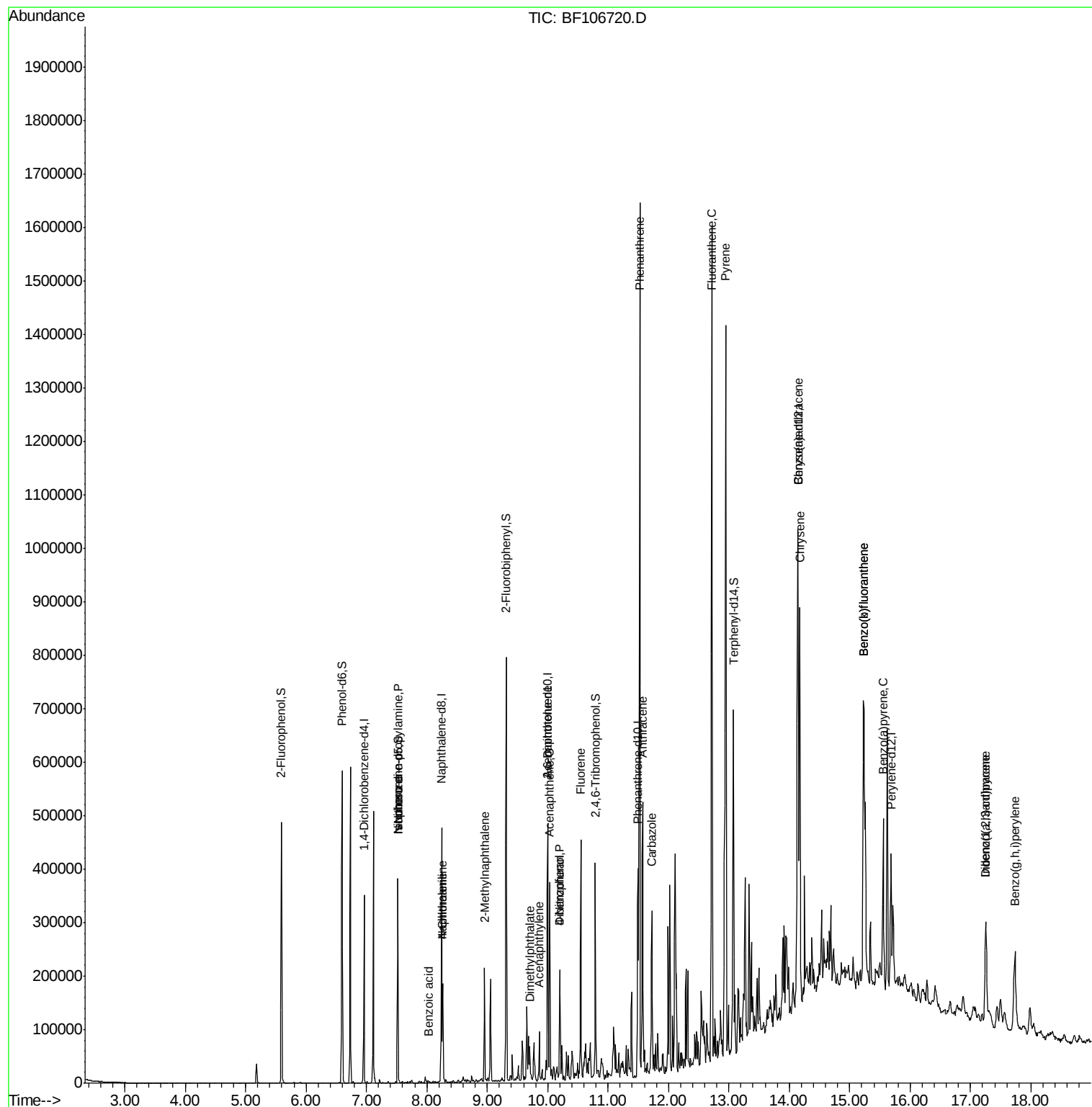
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	14310	5.546	ng	# 77
20) 3+4-Methylphenols	7.38	107	264	Below	Cal	# 63
25) Isophorone	7.52	82	112529	17.561	ng	# 64
31) Naphthalene	8.26	128	77768	8.231	ng	# 99
32) Benzoic acid	8.03	122	114	5.782	ng	# 1
33) 4-Chloroaniline	8.26	127	10117	2.552	ng	# 33
37) 2-Methylnaphthalene	8.95	142	54459	8.696	ng	# 94
48) Acenaphthylene	9.86	152	23928	2.593	ng	# 96
49) Dimethylphthalate	9.71	163	20920	2.993	ng	# 97
50) 2,6-Dinitrotoluene	10.00	165	14197	9.593	ng	# 24
51) Acenaphthene	10.03	154	74929	12.894	ng	# 97
54) Dibenzofuran	10.20	168	71586	8.996	ng	# 94
55) 4-Nitrophenol	10.20	139	23558	19.819	ng	# 11
57) Fluorene	10.55	166	113512	17.976	ng	# 99
70) Phenanthrene	11.52	178	703009	90.659	ng	# 99
71) Anthracene	11.57	178	193490	24.446	ng	# 98
72) Carbazole	11.72	167	115215	15.548	ng	# 97
74) Fluoranthene	12.72	202	771941	90.318	ng	# 95
77) Pvrene	12.95	202	707043	73.774	ng	# 98
80) Benzo(a)anthracene	14.14	228	374807	42.314	ng	# 97
82) Chrysene	14.18	228	327262	40.159	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.25	276	136698	19.767	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	499863	65.731	ng	# 95
88) Benzo(k)fluoranthene	15.23	252	499863	69.023	ng	# 96
89) Benzo(a)pyrene	15.55	252	170694	25.249	ng	# 97
90) Dibenzo(a,h)anthracene	17.26	278	33195	5.794	ng	# 91
91) Benzo(g,h,i)perylene	17.74	276	132318	23.628	ng	# 89

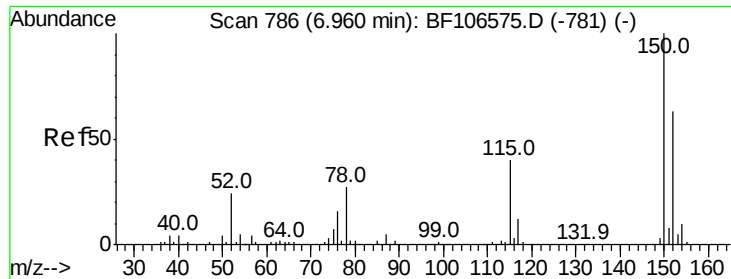
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
Operator : JU/SJ
Sample : J3246-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 22:24:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration



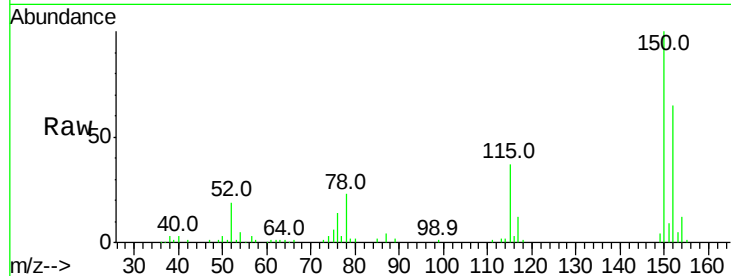


#1

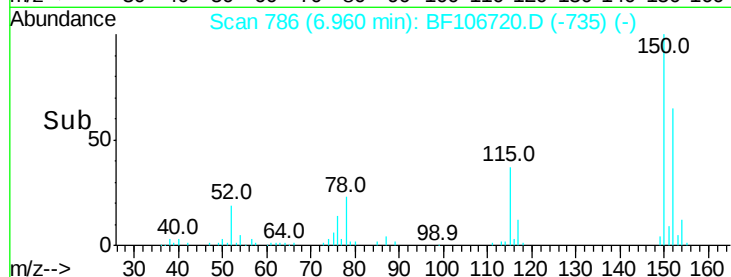
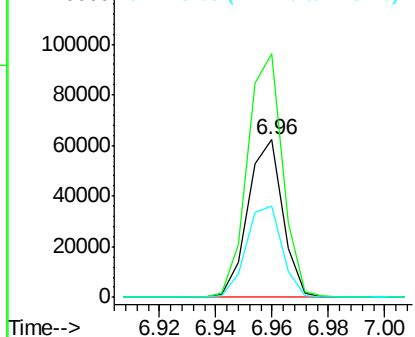
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53076
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.9 50.1 75.1



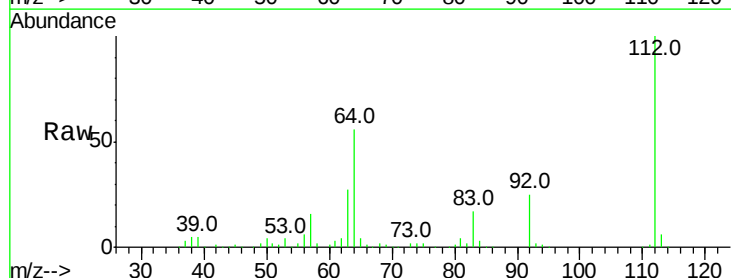
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



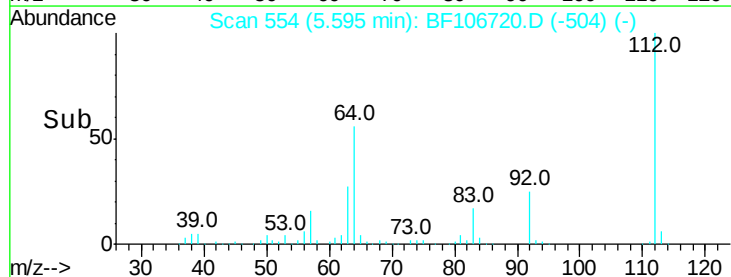
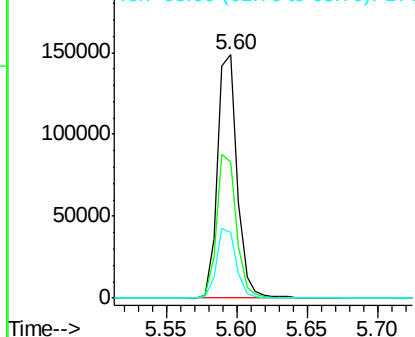
#5

2-Fluorophenol
Concen: 46.094 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion:112 Resp: 144478
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.1 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: 46.938 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampled :

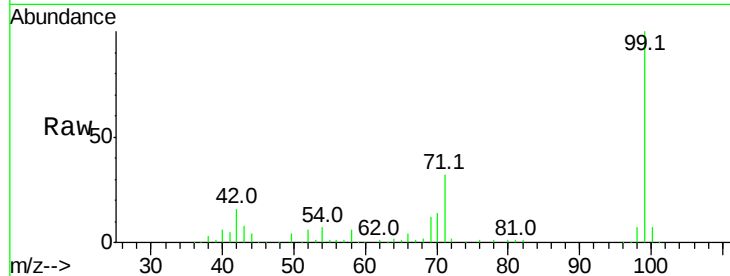
Tot Ion: 99 Resp: 183728

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

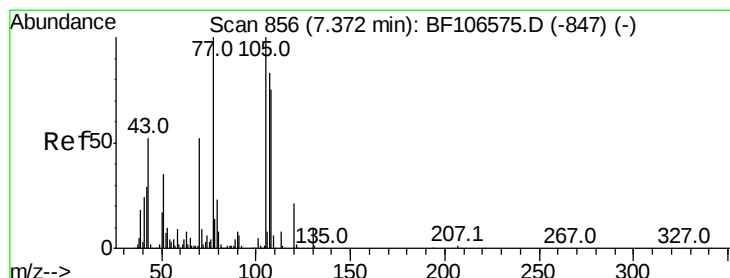
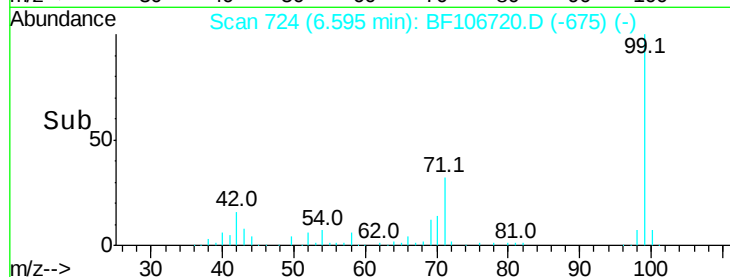
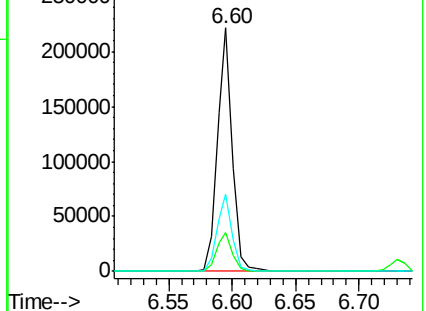
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 5.546 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Tgt Ion: 70 Resp: 14310

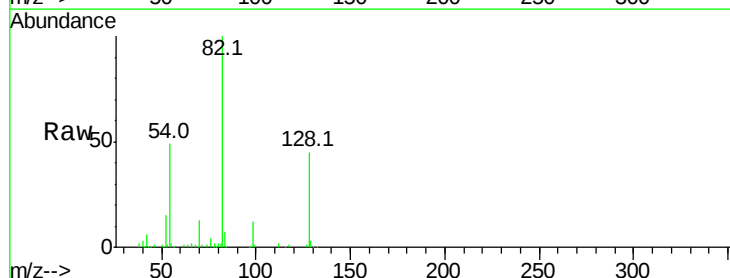
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

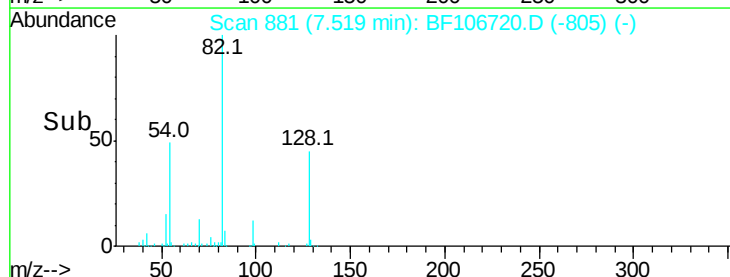
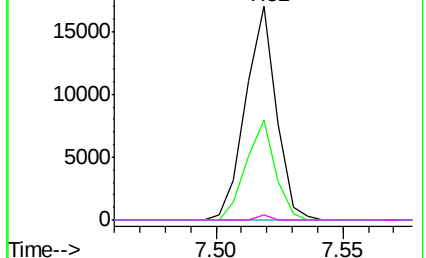


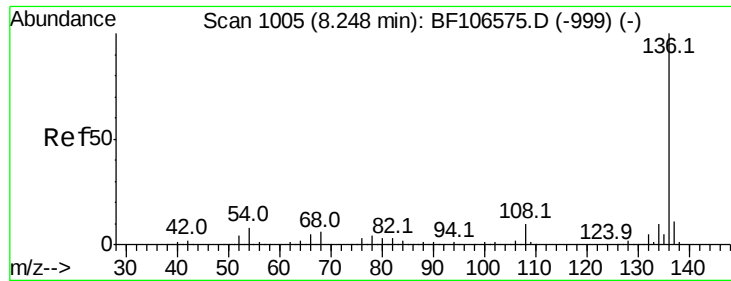
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

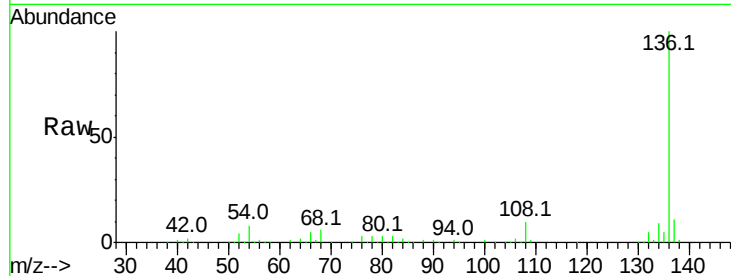




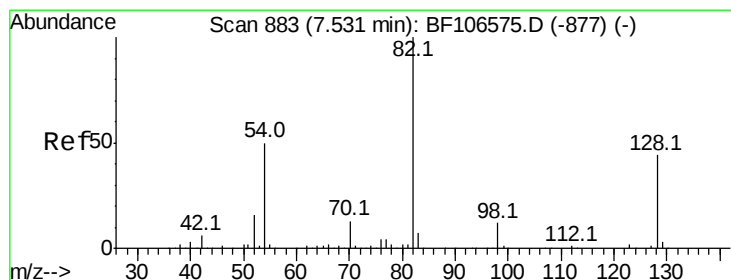
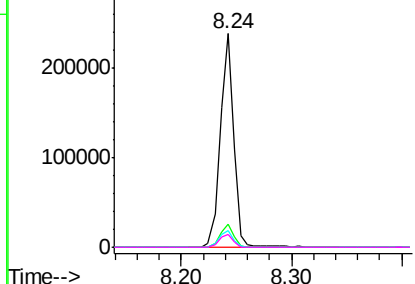
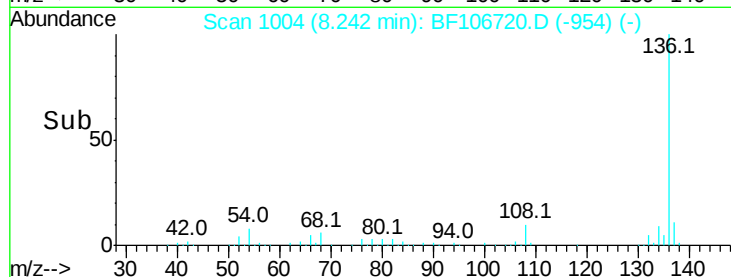
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	202090
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.9	6.6	9.8
68 6.3	5.0	7.4

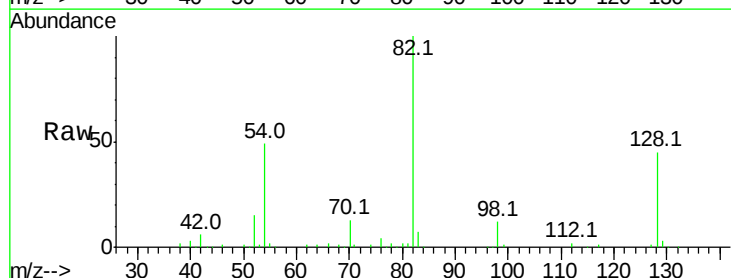


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

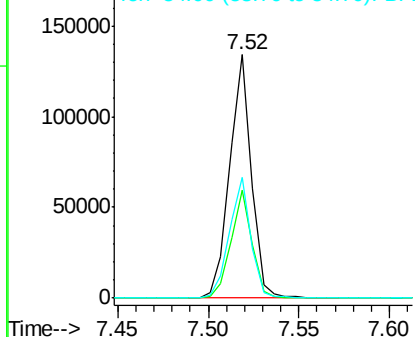
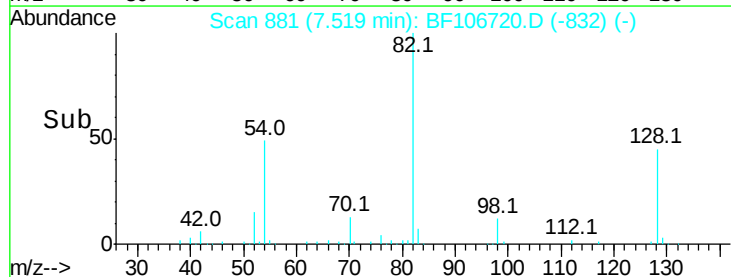


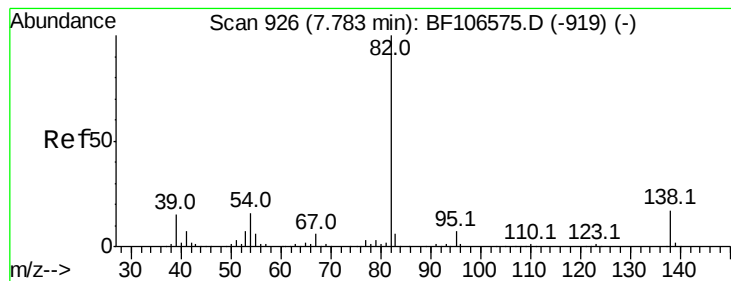
#23
Nitrobenzene-d5
Concen: 30.945 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion	82	Resp: Lower	112531 Upper
	Ratio		
82	100		
128	44.6	36.1	54.1
54	49.4	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: 17.561 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

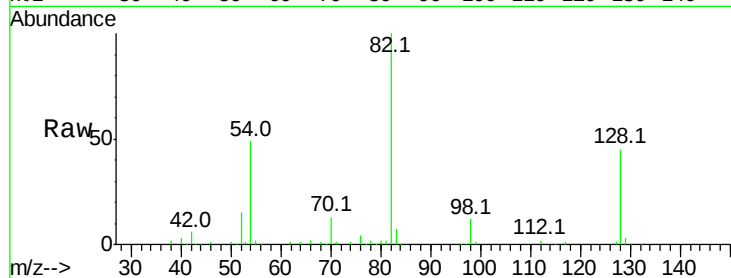
Tot Ion: 82 Resp: 112529

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

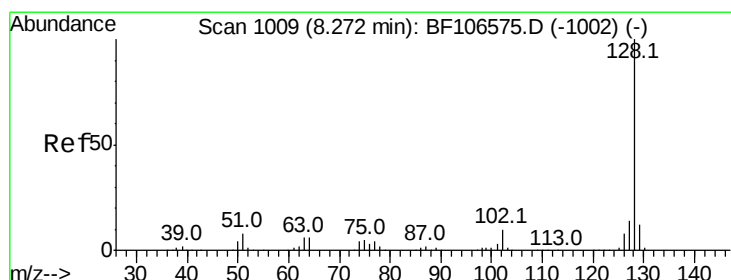
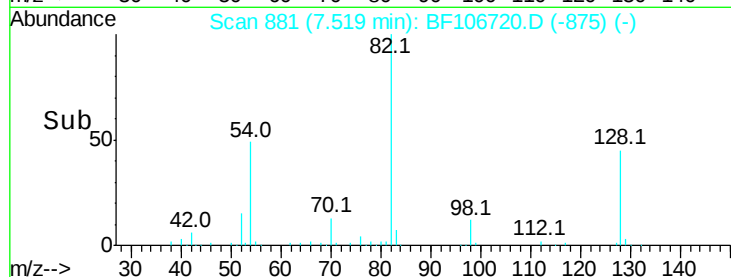
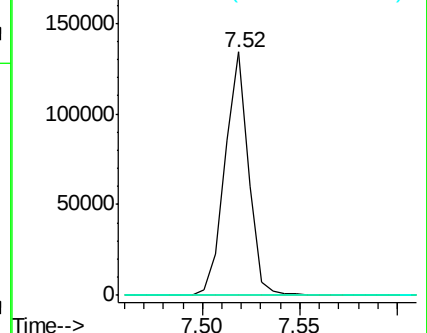
138 0.0 14.9 22.3#



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: 8.231 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

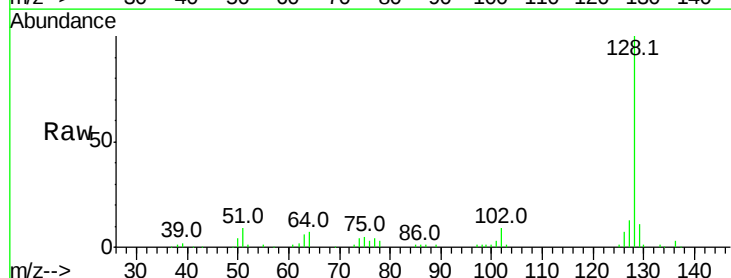
Tgt Ion: 128 Resp: 77768

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

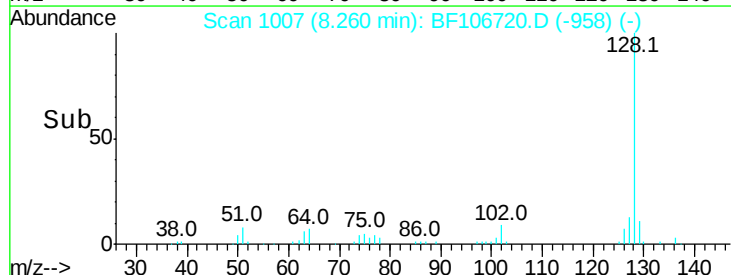
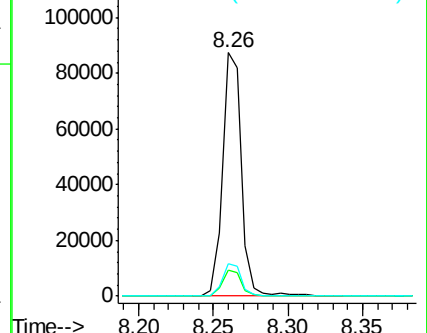
127 13.1 10.9 16.3

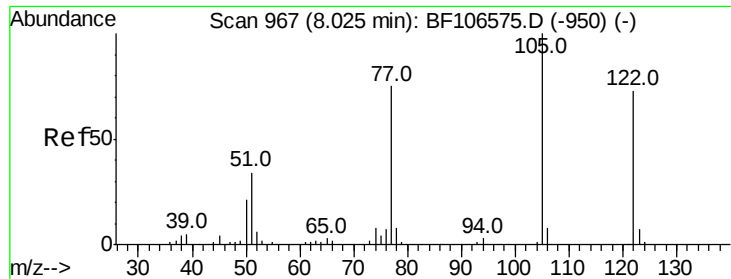


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

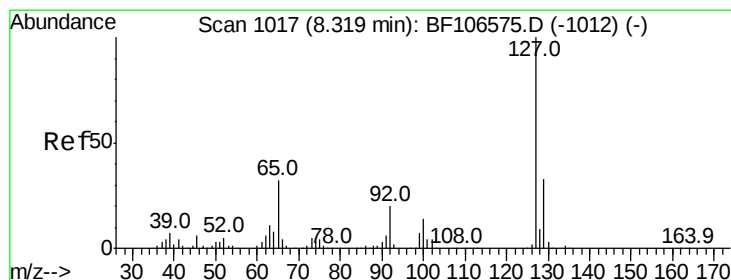
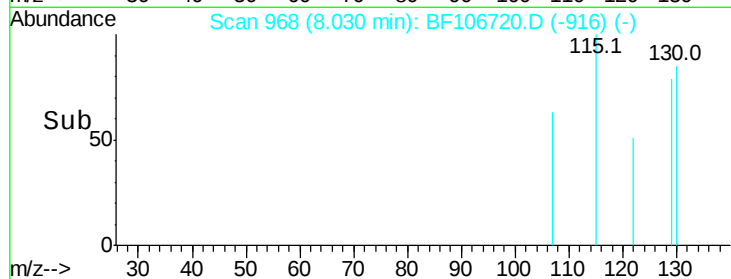
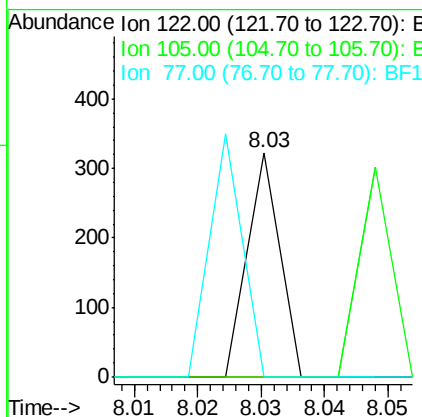
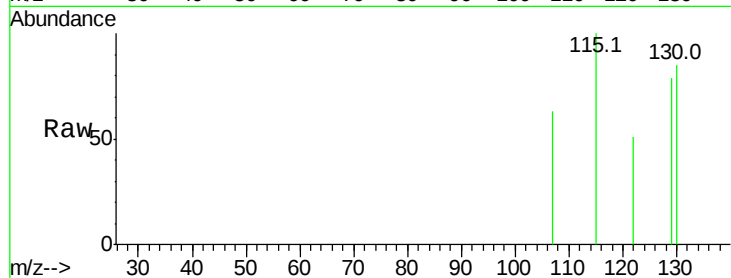




#32
Benzoic acid
Concen: 5.782 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

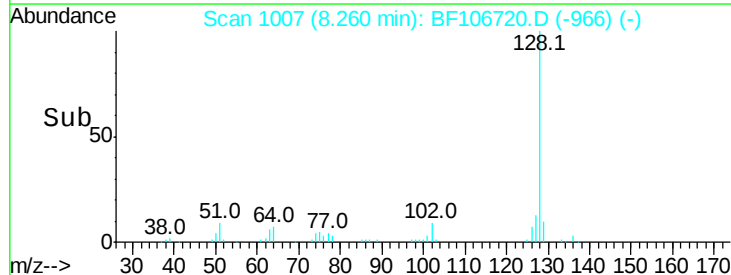
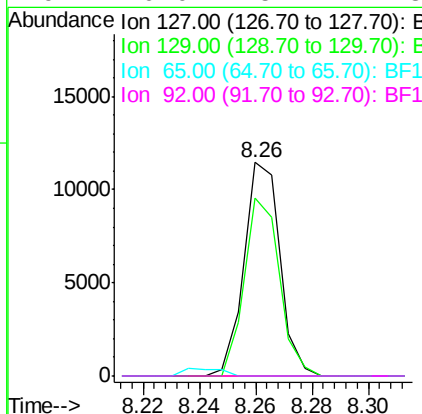
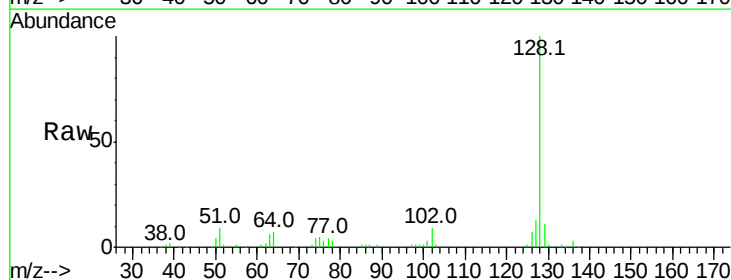
Instrument :
BNA_F
ClientSampleId :

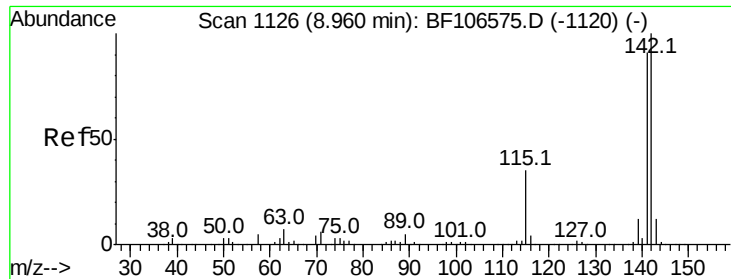
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



#33
4-Chloroaniline
Concen: 2.552 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.06 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

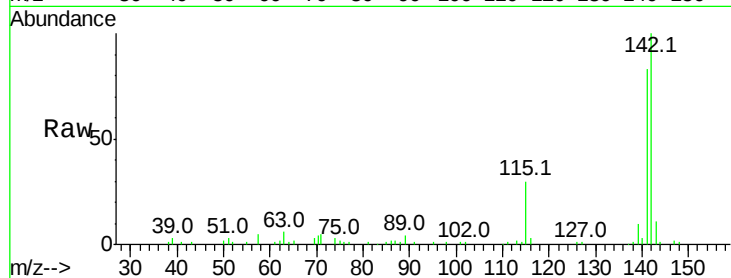




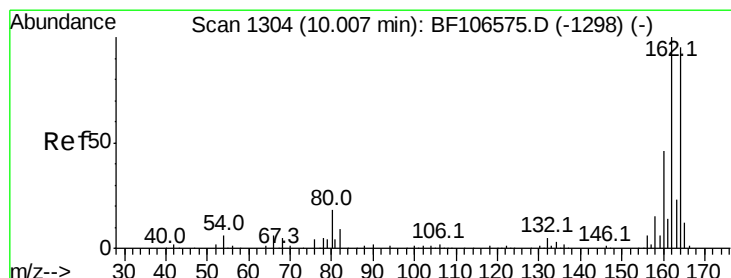
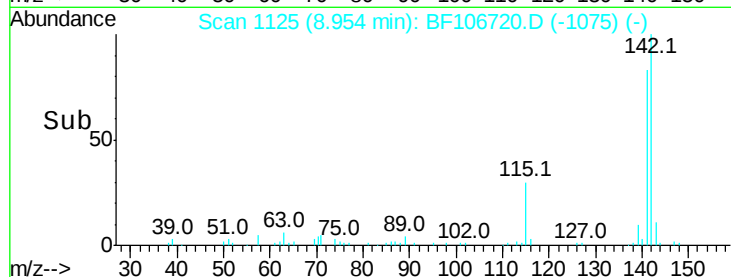
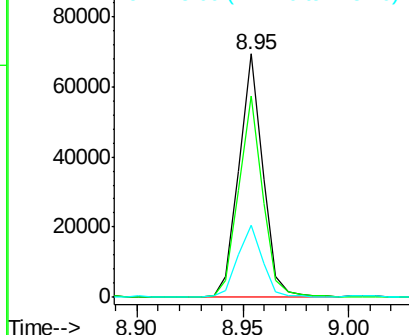
#37
2-Methylnaphthalene
Concen: 8.696 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 54459
Ion Ratio Lower Upper
142 100
141 82.7 70.8 106.2
115 29.7 26.1 39.1

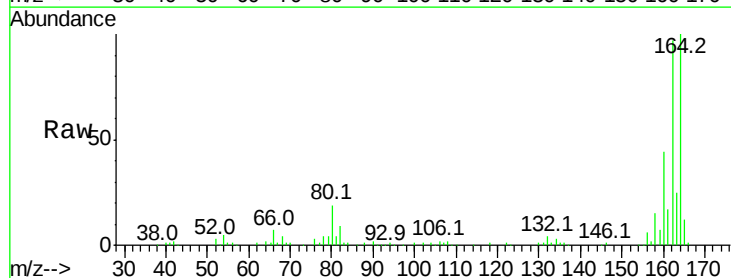


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

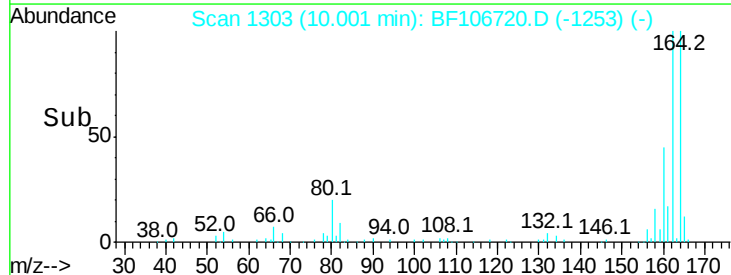
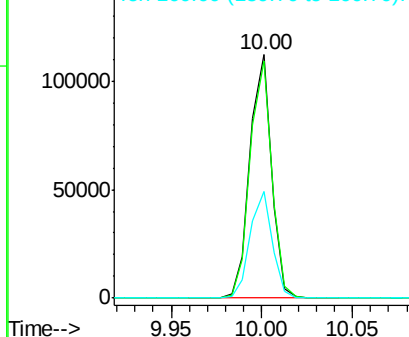


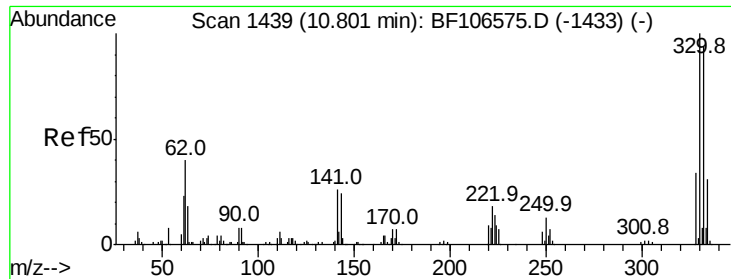
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion:164 Resp: 93180
Ion Ratio Lower Upper
164 100
162 97.3 86.1 129.1
160 44.0 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: 43.565 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

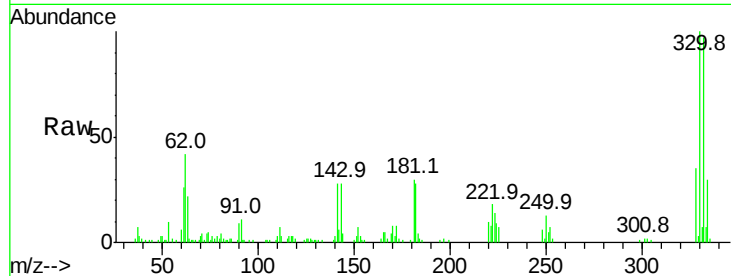
Tot Ion:330 Resp: 47049

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

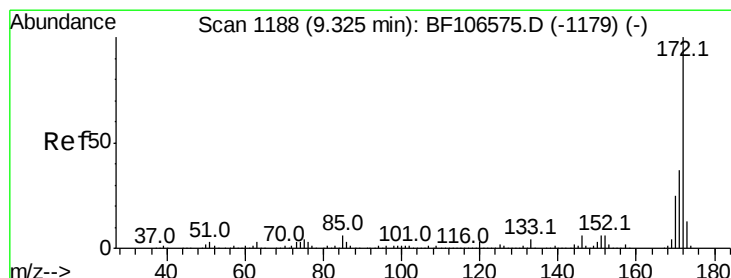
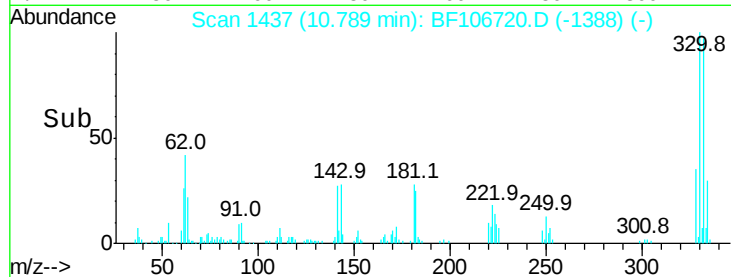
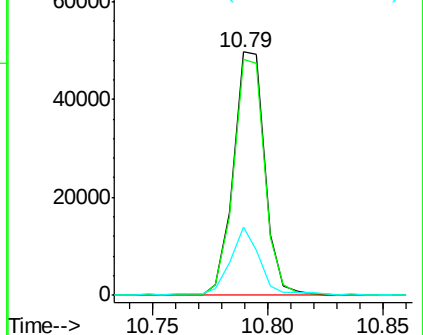
141 27.3 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 31.875 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

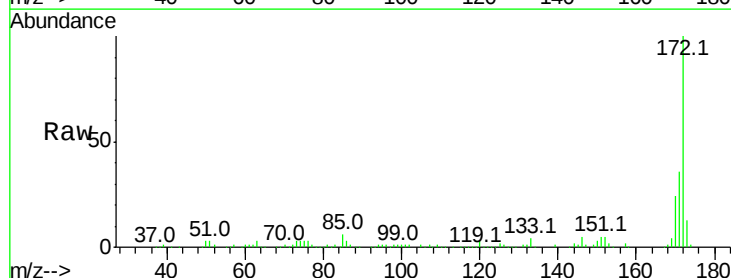
Tgt Ion:172 Resp: 226229

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

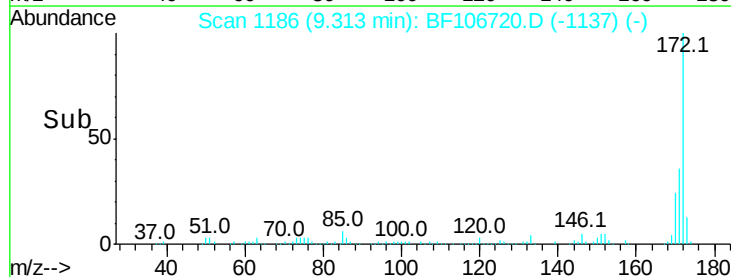
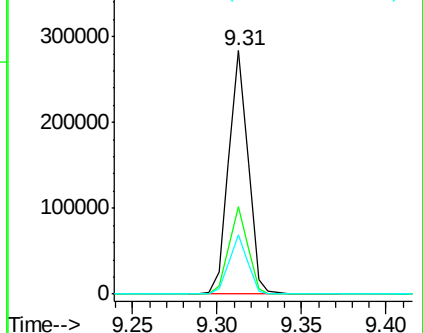
170 24.2 19.6 29.4

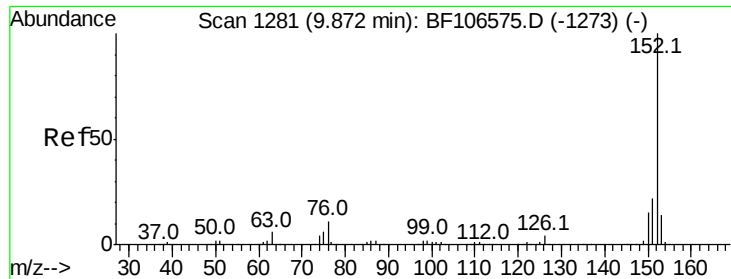


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.593 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

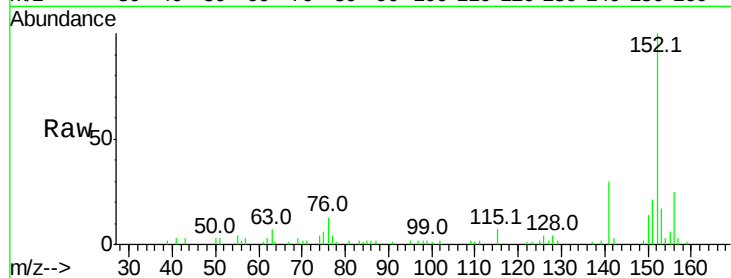
Tot Ion:152 Resp: 23928

Ion Ratio Lower Upper

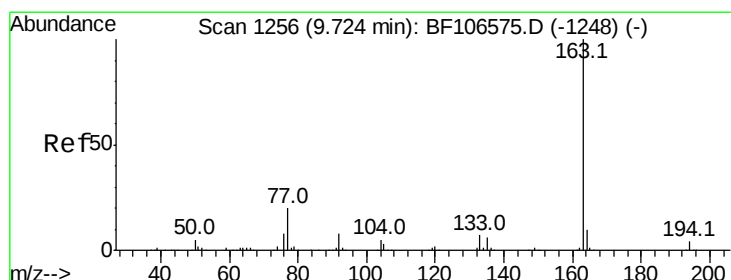
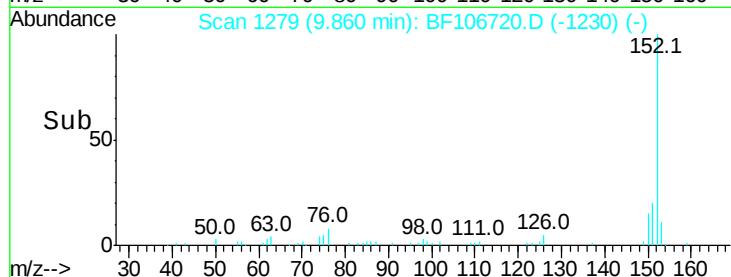
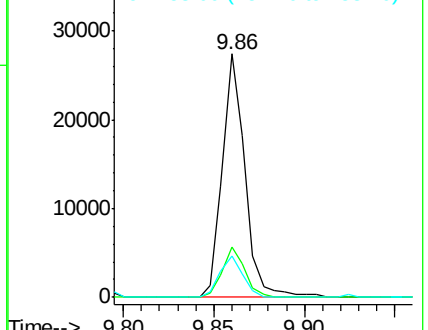
152 100

151 20.8 16.3 24.5

153 16.9 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.993 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

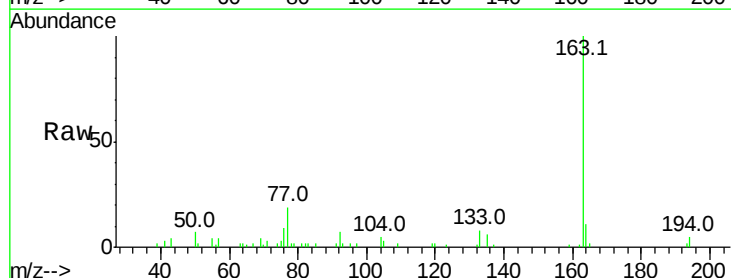
Tgt Ion:163 Resp: 20920

Ion Ratio Lower Upper

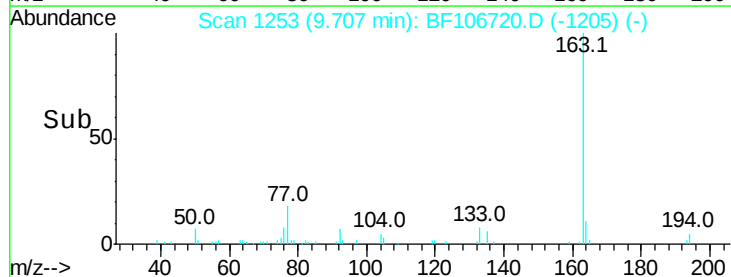
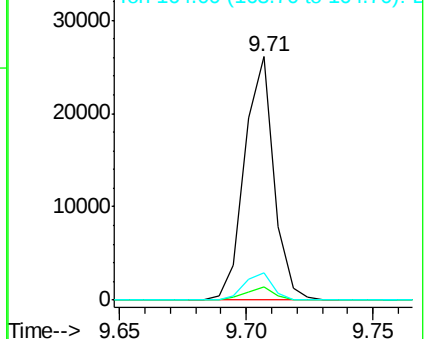
163 100

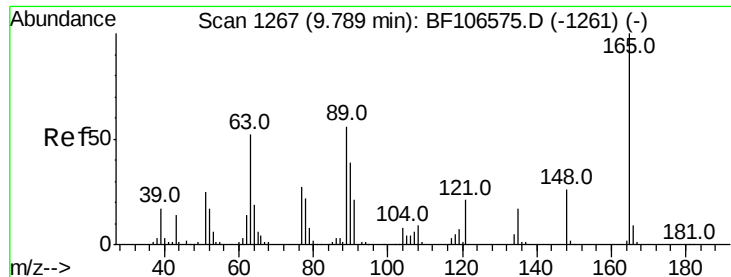
194 5.2 2.7 4.1#

164 11.1 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

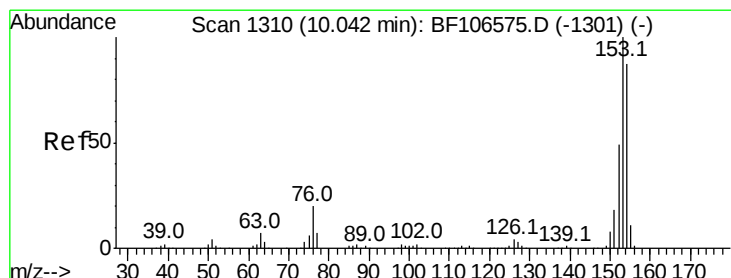
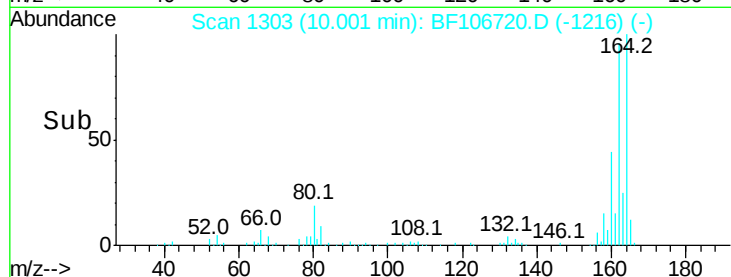
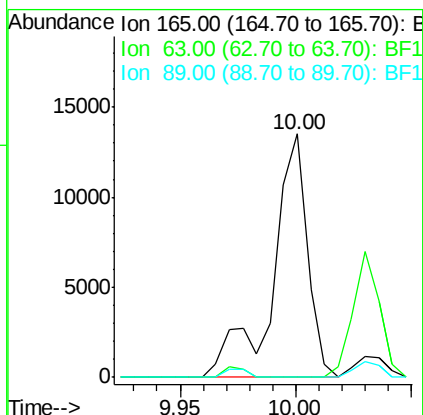
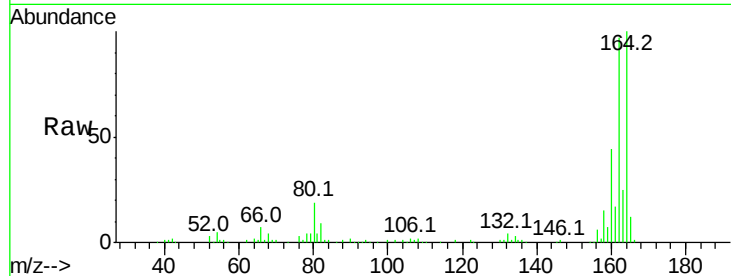




#50
2,6-Dinitrotoluene
Concen: 9.593 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

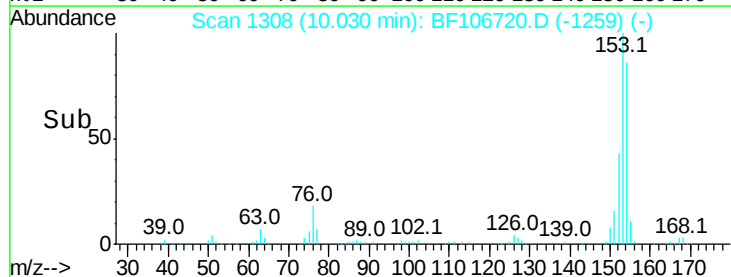
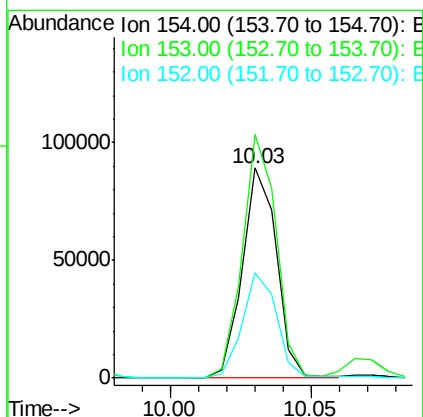
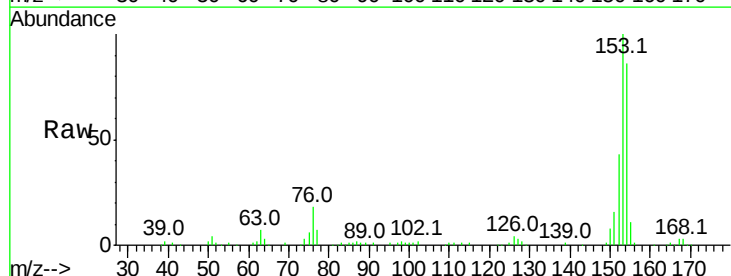
Instrument :
BNA_F
ClientSampleId :

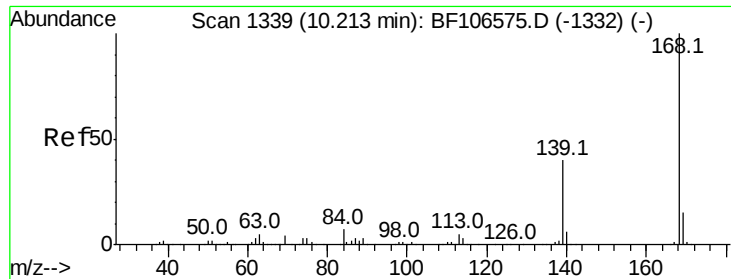
Tot Ion:165 Resp: 14197
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#51
Acenaphthene
Concen: 12.894 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion:154 Resp: 74929
Ion Ratio Lower Upper
154 100
153 116.1 91.2 136.8
152 50.4 43.8 65.8





#54

Dibenzofuran

Concen: 8.996 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

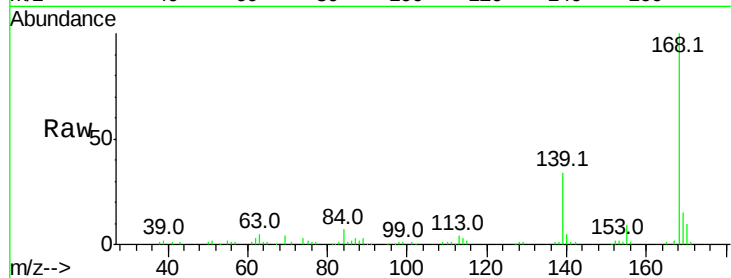
Tot Ion:168 Resp: 71586

Ion Ratio Lower Upper

168 100

139 33.6 30.1 45.1

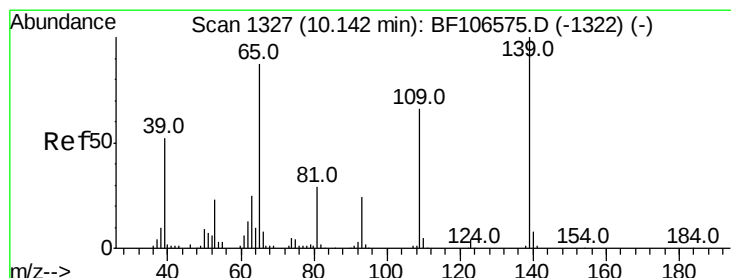
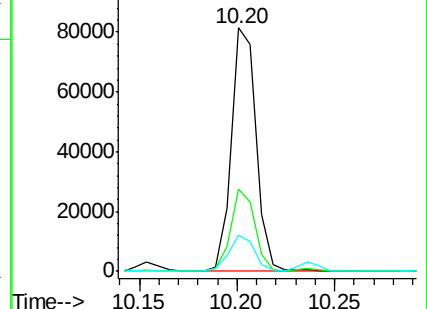
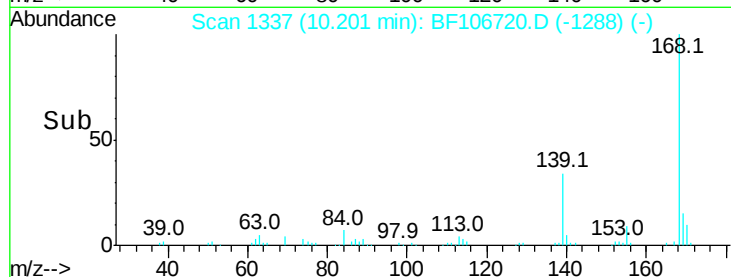
169 14.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 19.819 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

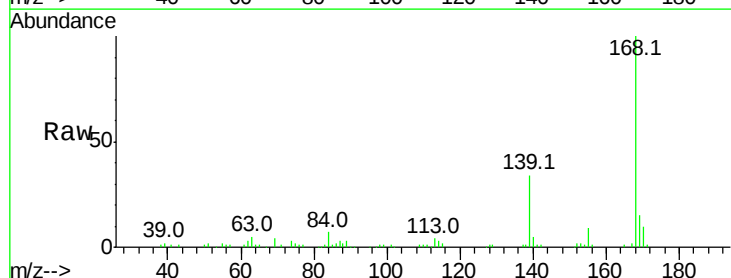
Tgt Ion:139 Resp: 23558

Ion Ratio Lower Upper

139 100

109 1.9 48.4 88.4#

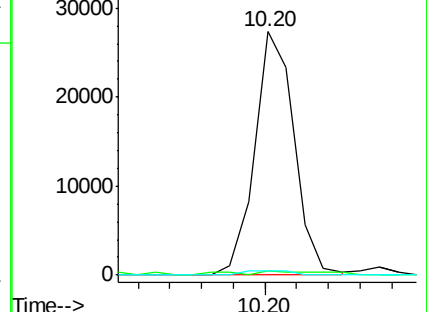
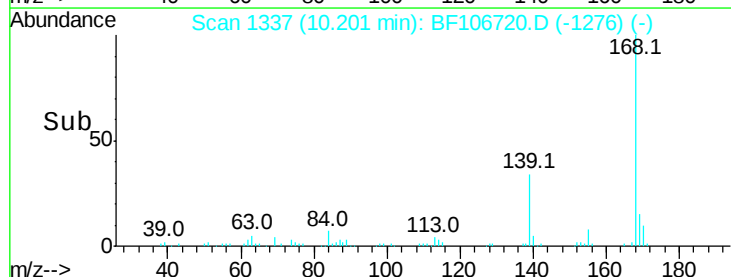
65 1.9 72.6 112.6#

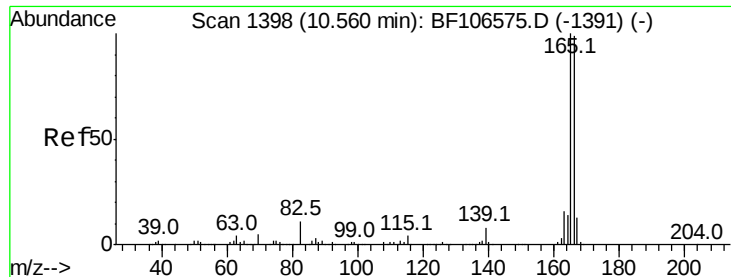


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

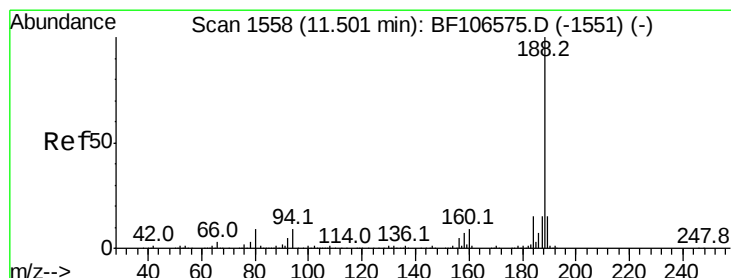
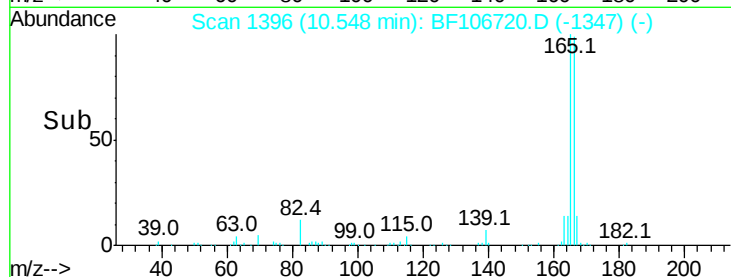
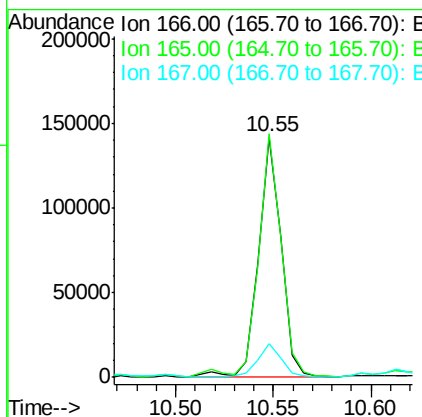
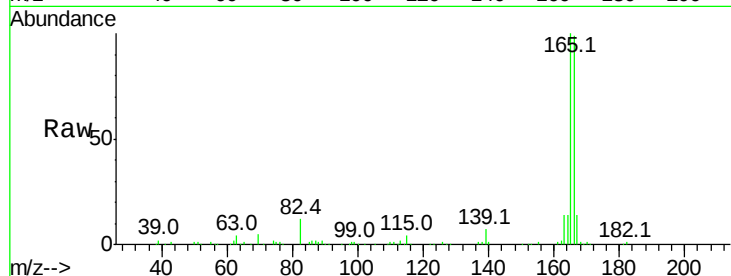




#57
Fluorene
 Concen: 17.976 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106720.D
 Acq: 22 Jun 2018 20:36

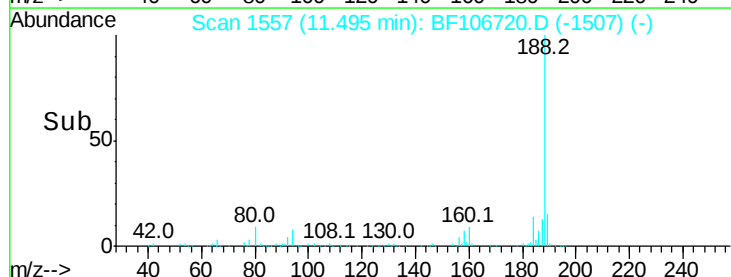
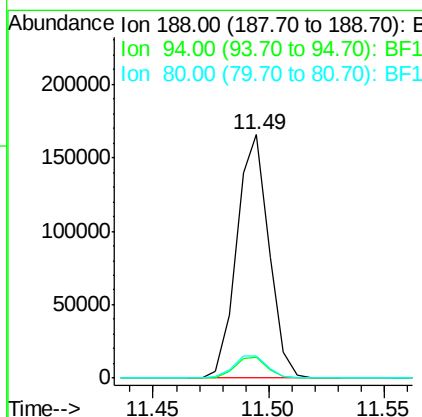
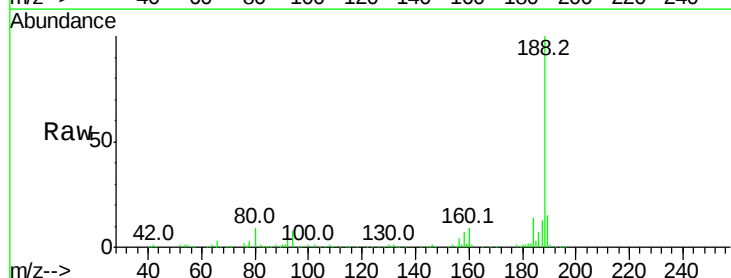
Instrument :
 BNA_F
 ClientSampleId :

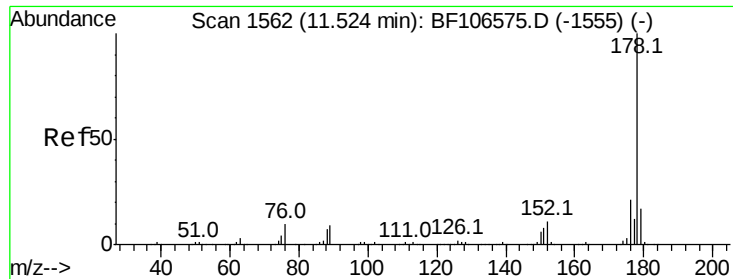
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.8	119.8
167	13.8	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106720.D
 Acq: 22 Jun 2018 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

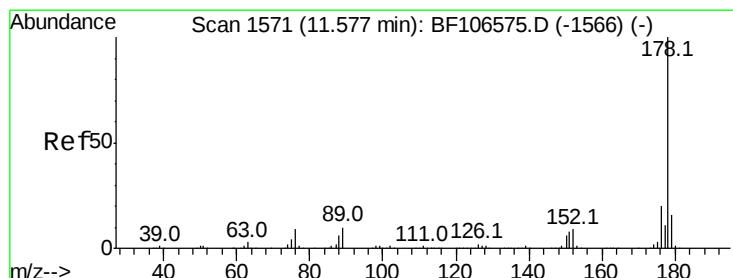
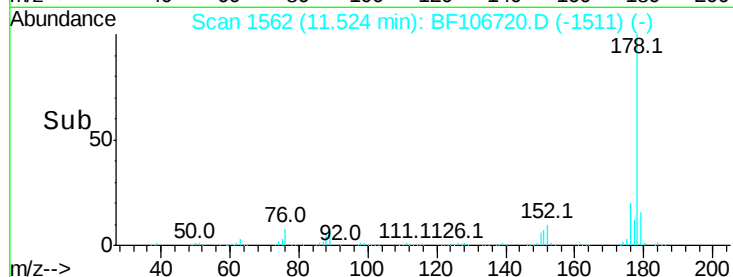
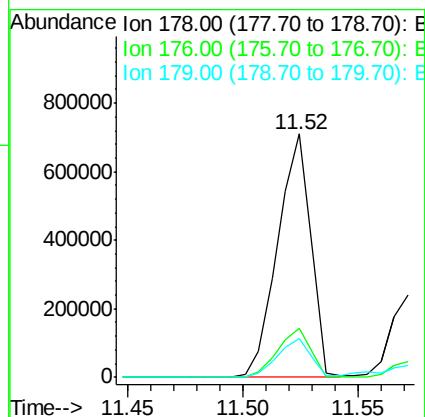
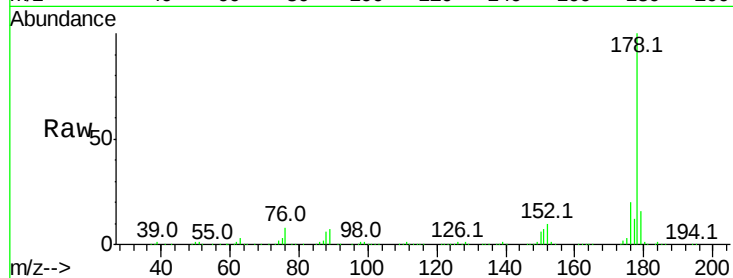




#70
Phenanthrene
Concen: 90.659 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

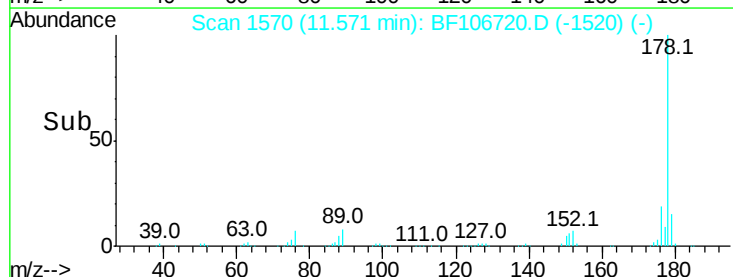
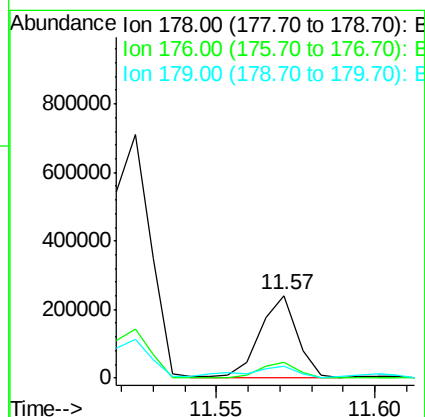
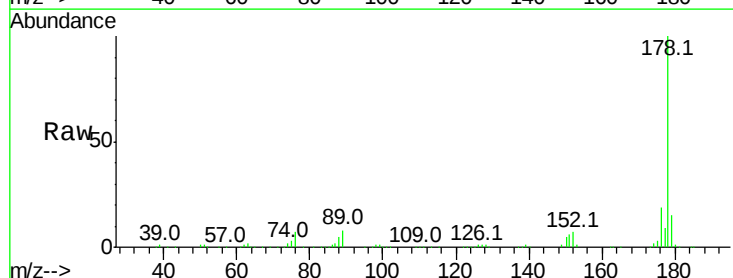
Instrument :
BNA_F
ClientSampleId :

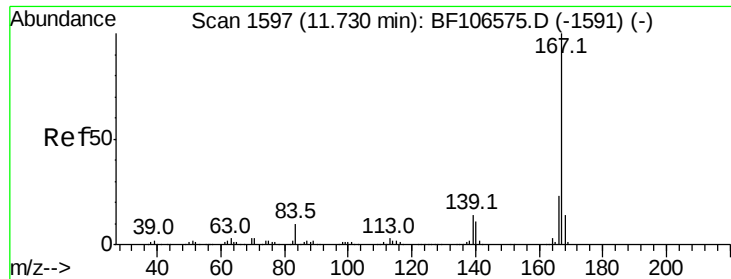
Tot Ion:178 Resp: 703009
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 24.446 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion:178 Resp: 193490
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.0 12.6 19.0





#72

Carbazole

Concen: 15.548 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

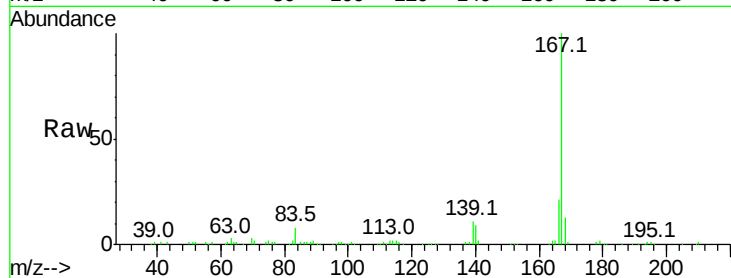
Tot Ion:167 Resp: 115215

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

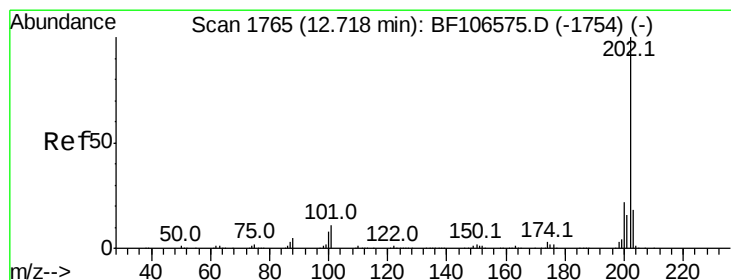
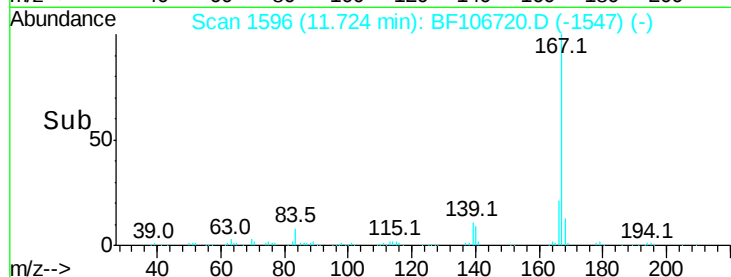
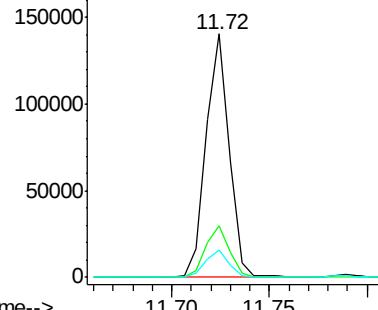
139 11.1 10.9 16.3



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: 90.318 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

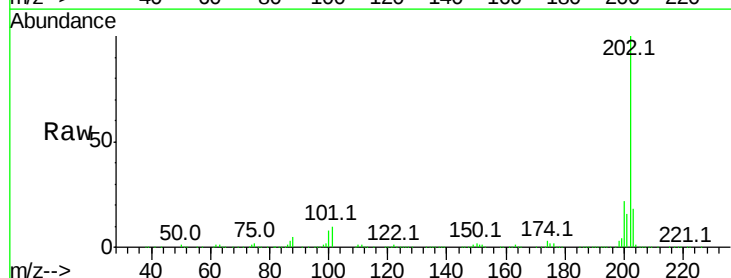
Tgt Ion:202 Resp: 771941

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

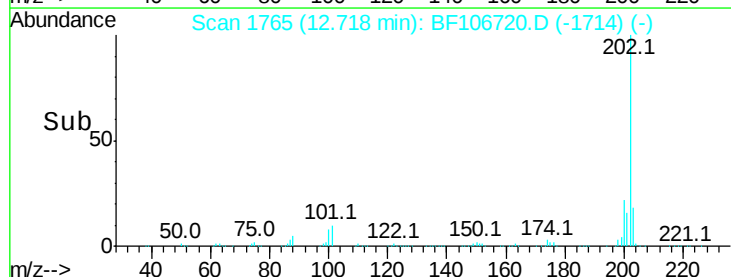
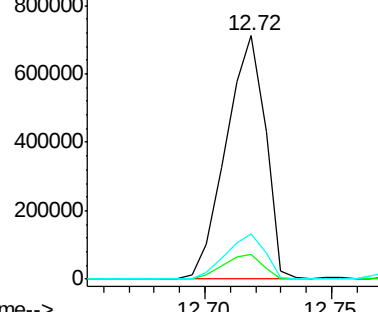
203 18.3 0.0 38.1

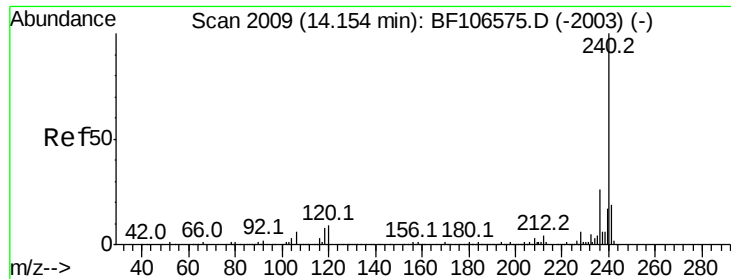


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

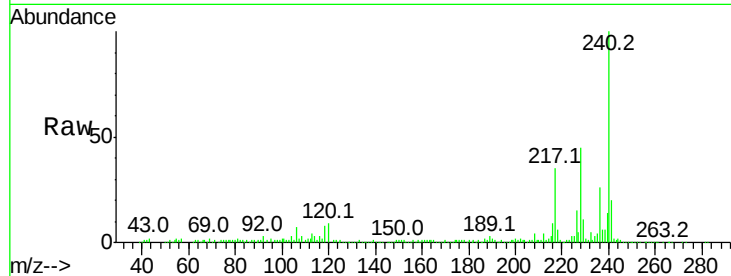
Tot Ion:240 Resp: 145336

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

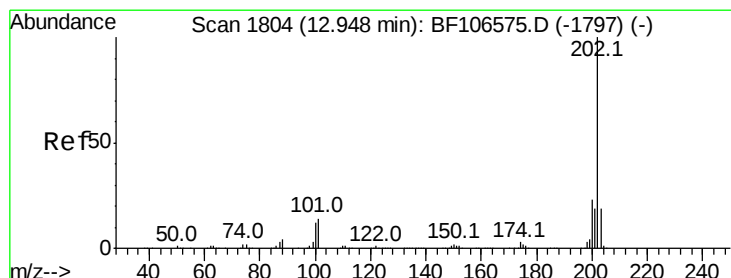
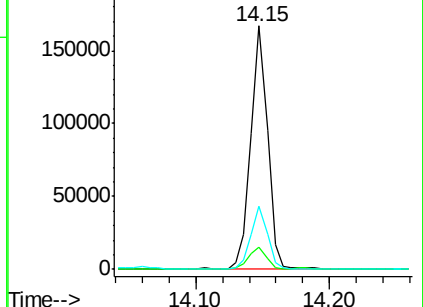
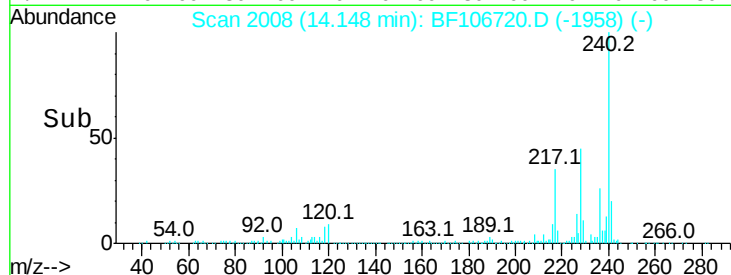
236 25.9 20.7 31.1



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

Pyrene

Concen: 73.774 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

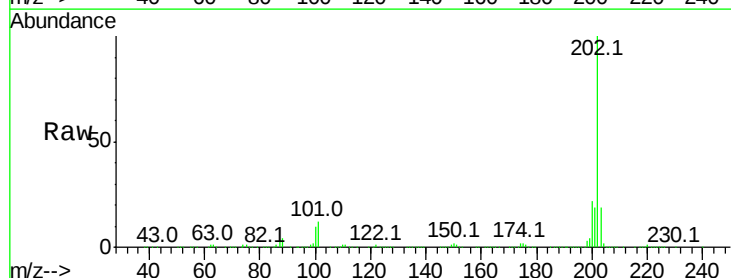
Tgt Ion:202 Resp: 707043

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

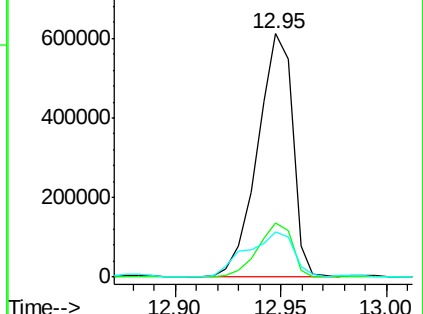
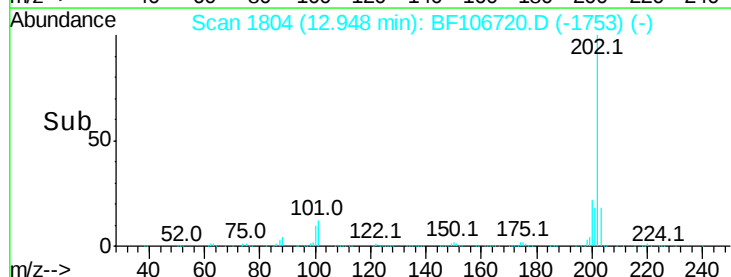
203 18.8 14.3 21.5

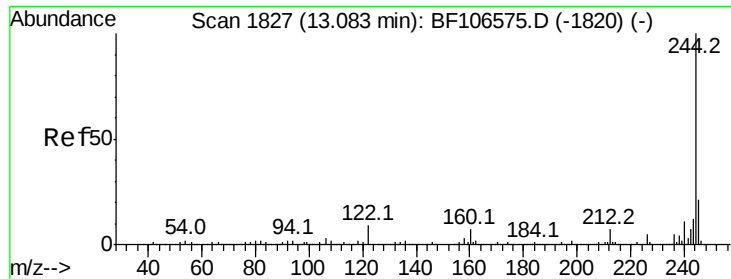


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

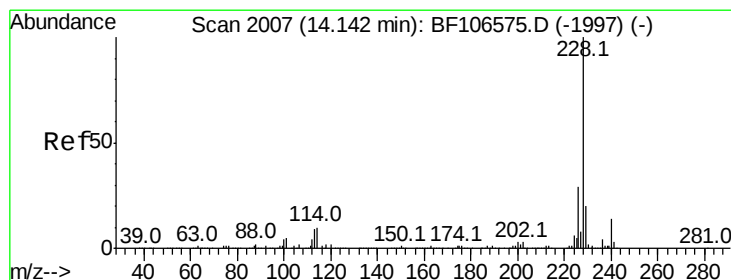
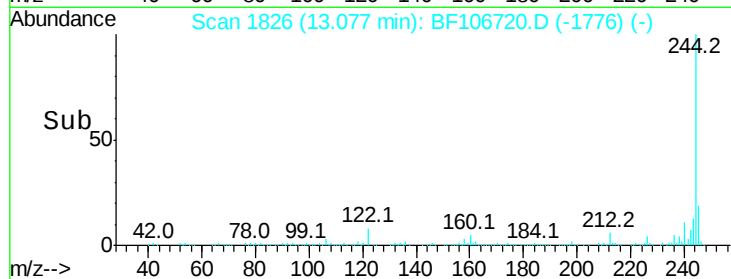
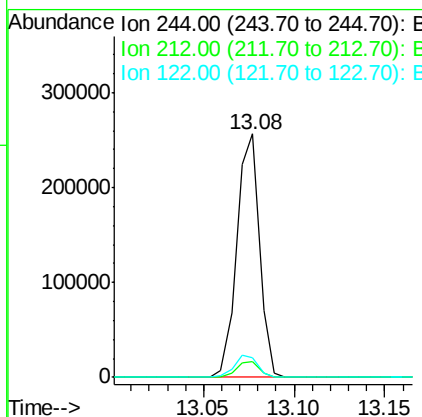
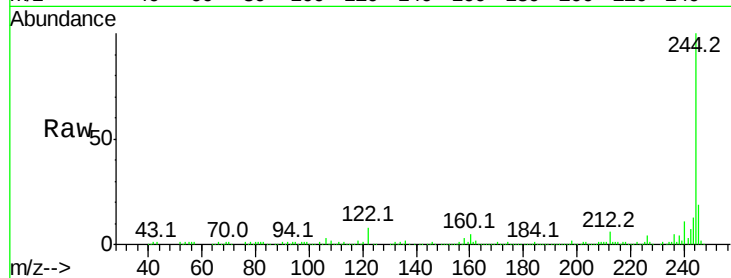




#78
 Terphenyl-d14
 Concen: 37.284 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106720.D
 Acq: 22 Jun 2018 20:36

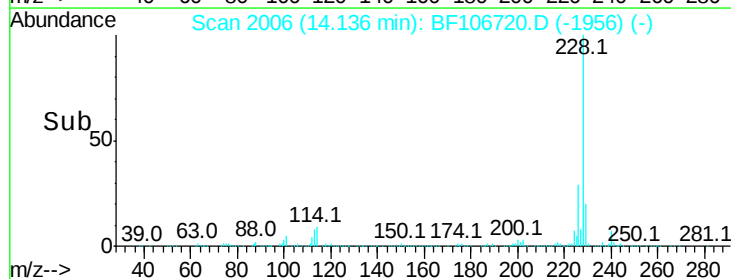
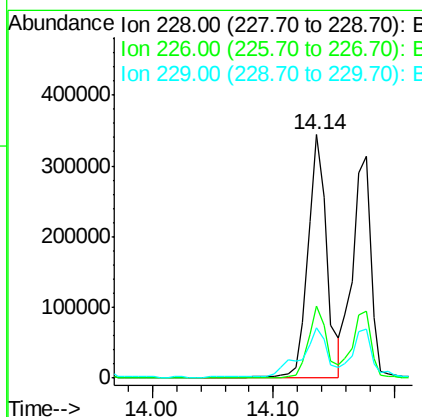
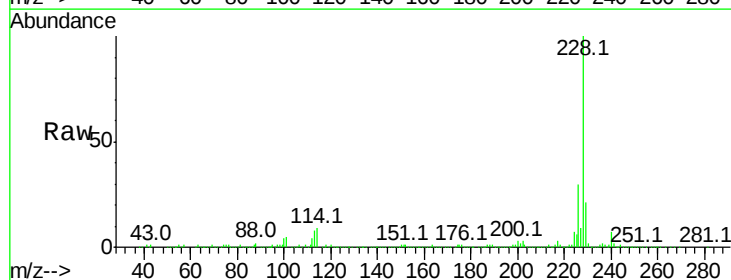
Instrument :
 BNA_F
 ClientSampleId :

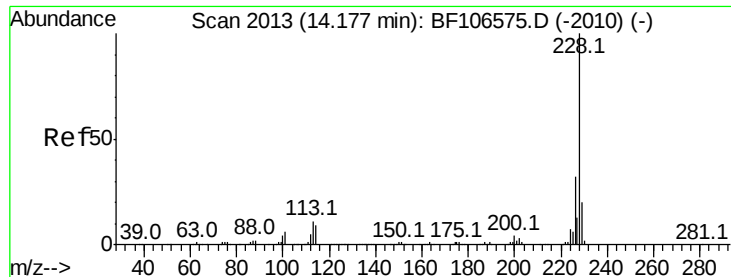
Tot Ion:244 Resp: 223703
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.9 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 42.314 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106720.D
 Acq: 22 Jun 2018 20:36

Tgt Ion:228 Resp: 374807
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.6 33.8
 229 20.9 15.8 23.6





#82

Chrysene

Concen: 40.159 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

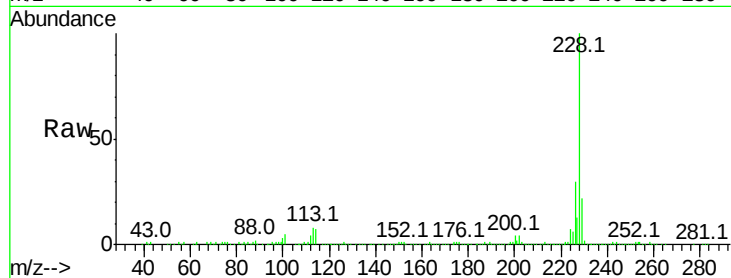
Tot Ion:228 Resp: 327262

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.3	16.2	24.4

228 100

226 30.5 25.0 37.6

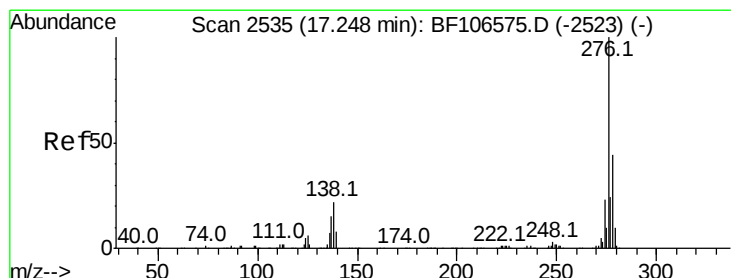
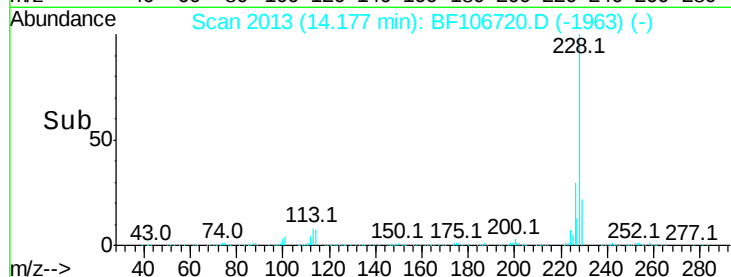
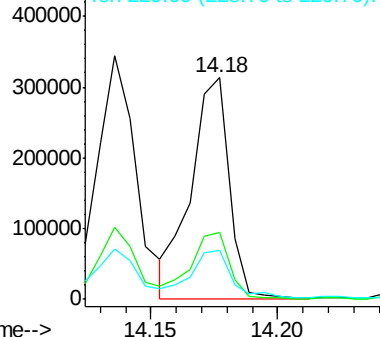
229 22.3 16.2 24.4



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: 19.767 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

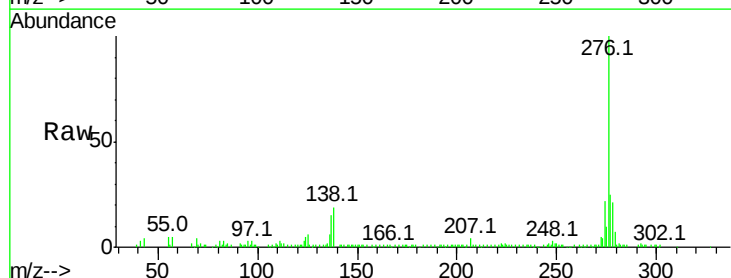
Tgt Ion:276 Resp: 136698

Ion	Ratio	Lower	Upper
276	100		
138	18.9	25.0	37.6#
277	24.9	20.1	30.1

276 100

138 18.9 25.0 37.6#

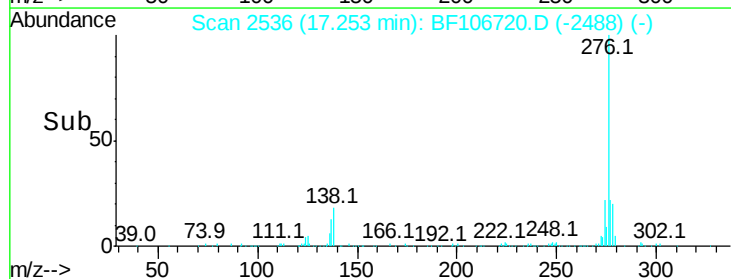
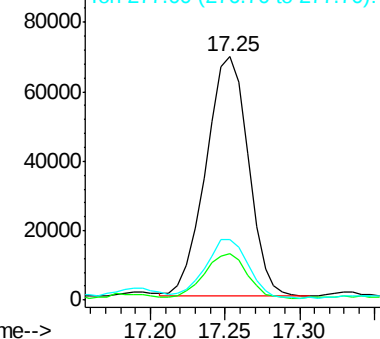
277 24.9 20.1 30.1

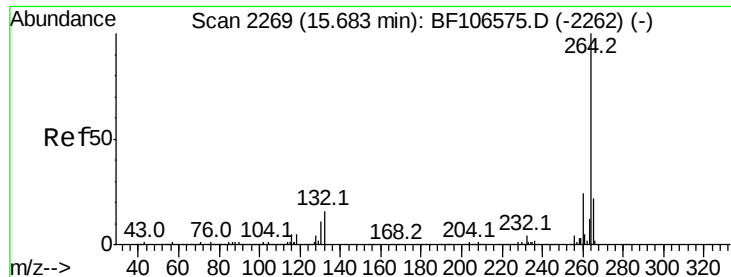


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

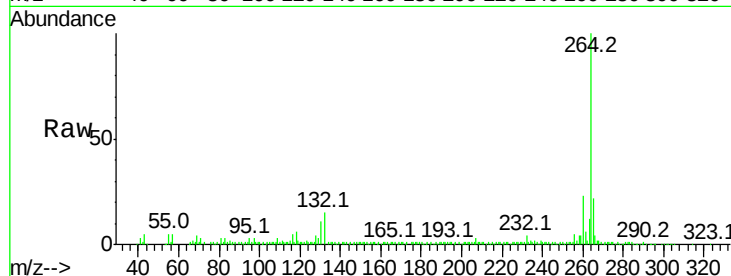




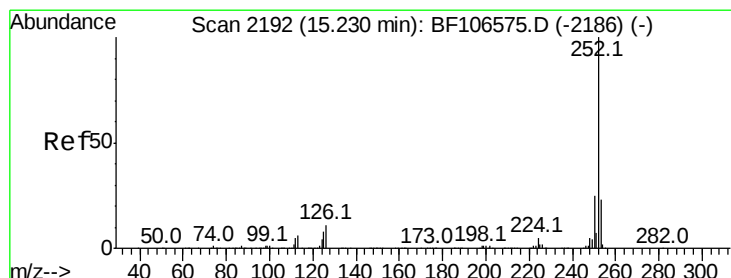
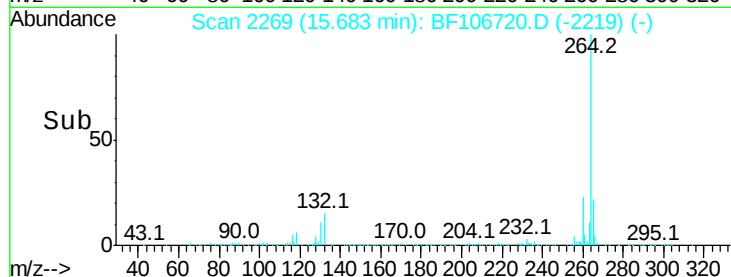
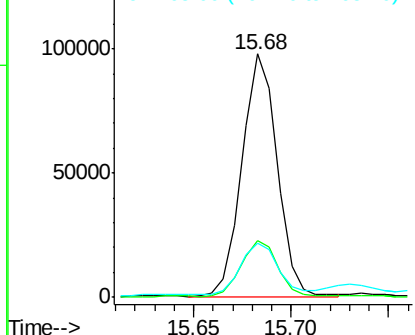
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.5	26.3

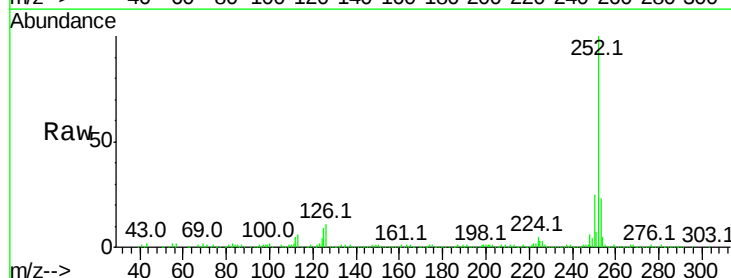


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

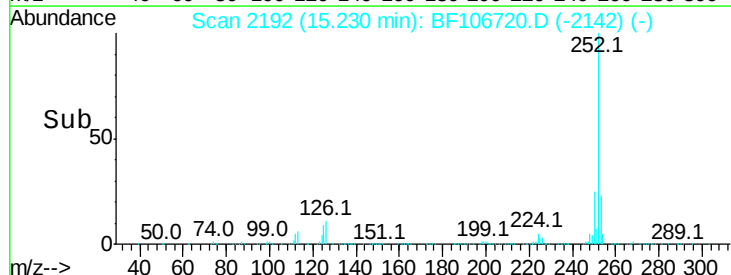
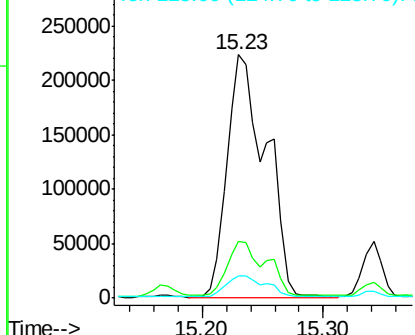


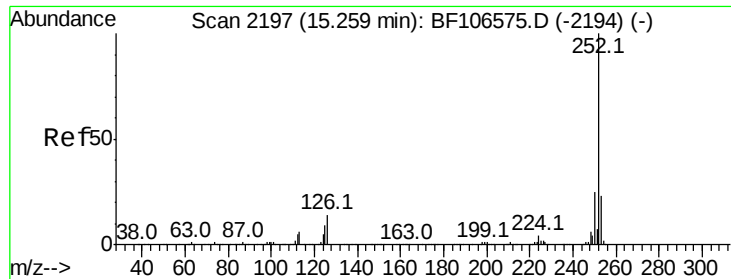
#87
Benzo(b)fluoranthene
Concen: 65.731 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	9.2	9.0	13.6



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

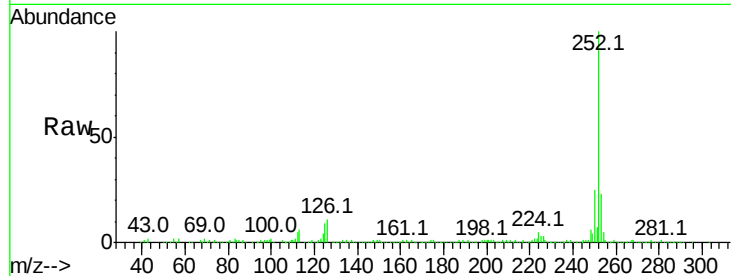




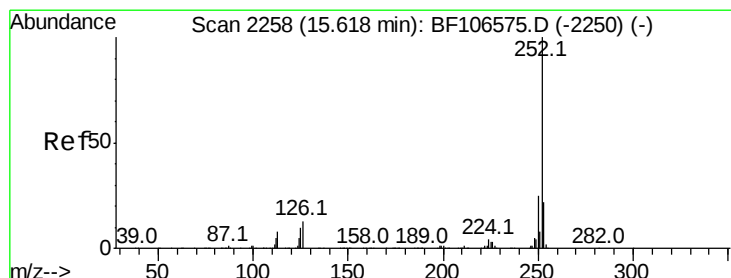
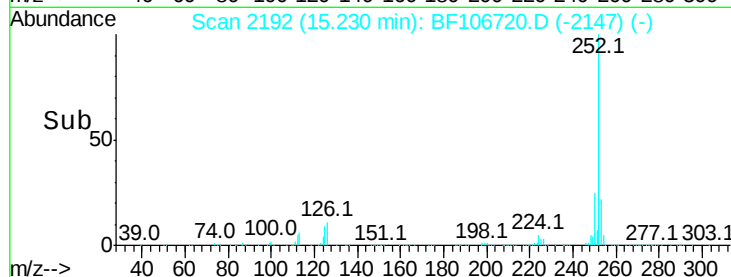
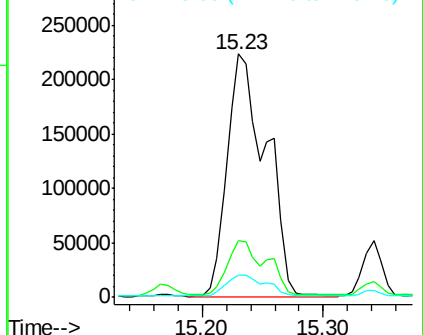
#88
Benzo(k)fluoranthene
Concen: 69.023 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.04 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 499863
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 9.2 10.2 15.2#

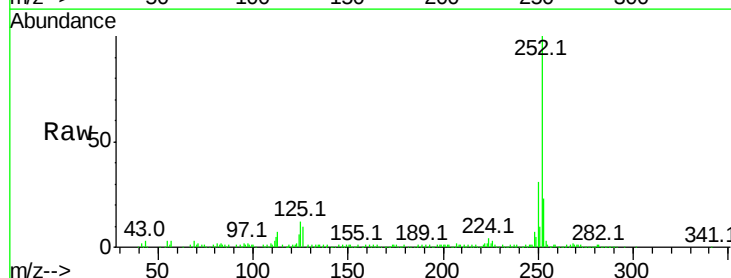


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

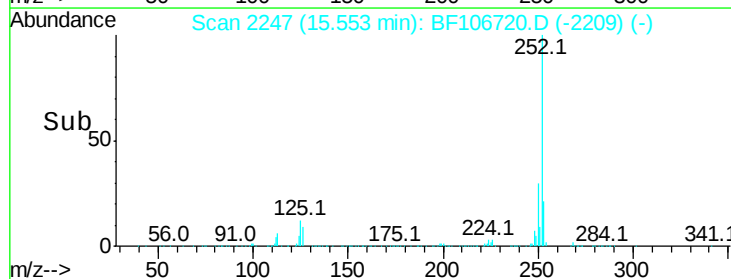
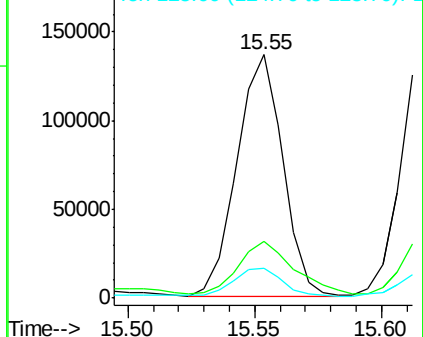


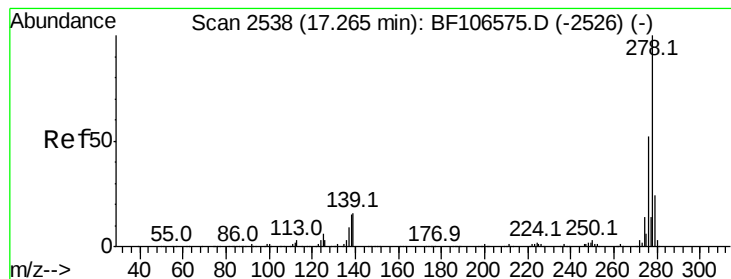
#89
Benzo(a)pyrene
Concen: 25.249 ng
RT: 15.55 min Scan# 2247
Delta R.T. -0.08 min
Lab File: BF106720.D
Acq: 22 Jun 2018 20:36

Tgt Ion:252 Resp: 170694
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 12.4 9.8 14.6



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





#90

Dibenzo(a,h)anthracene

Concen: 5.794 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Instrument :

BNA_F

ClientSampleId :

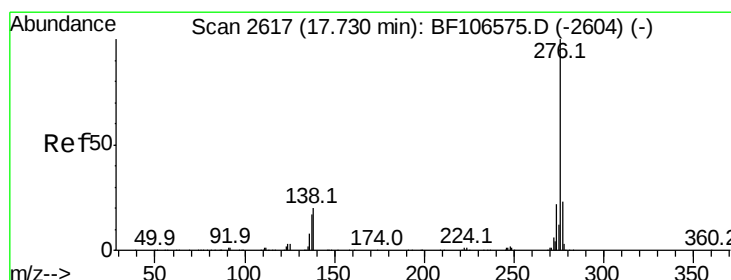
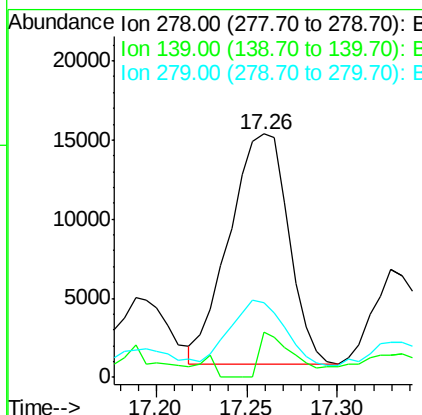
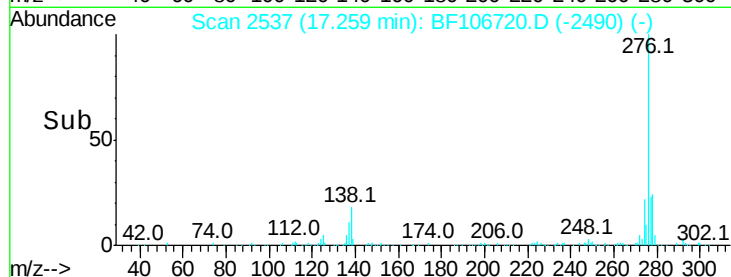
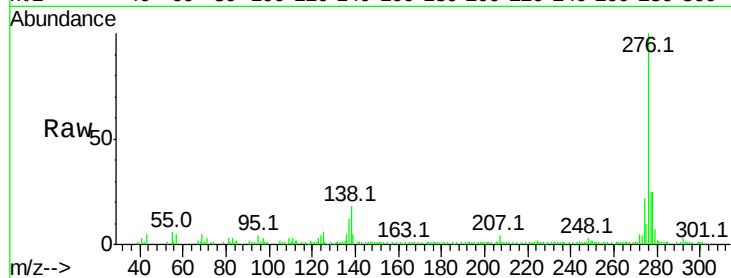
Tot Ion:278 Resp: 33195

Ion Ratio Lower Upper

278 100

139 18.8 15.9 23.9

279 30.4 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 23.628 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF106720.D

Acq: 22 Jun 2018 20:36

Tgt Ion:276 Resp: 132318

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 18.8 21.8 32.8#

