

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106678.D
 Acq On : 21 Jun 2018 23:09
 Operator : JU/SJ
 Sample : J3523-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 03:24:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	66951	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	256119	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	122799	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	220676	20.00	ng	0.00
75) Chrysene-d12	14.15	240	190992	20.00	ng	0.00
86) Perylene-d12	15.69	264	145504	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	95846	24.24	ng	0.00
7) Phenol-d6	6.60	99	121618	24.63	ng	-0.01
23) Nitrobenzene-d5	7.52	82	71628	15.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	28257	19.85	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	132303	4.22	ng	-0.01
78) Terphenyl-d14	13.08	244	134996	17.12	ng	0.00

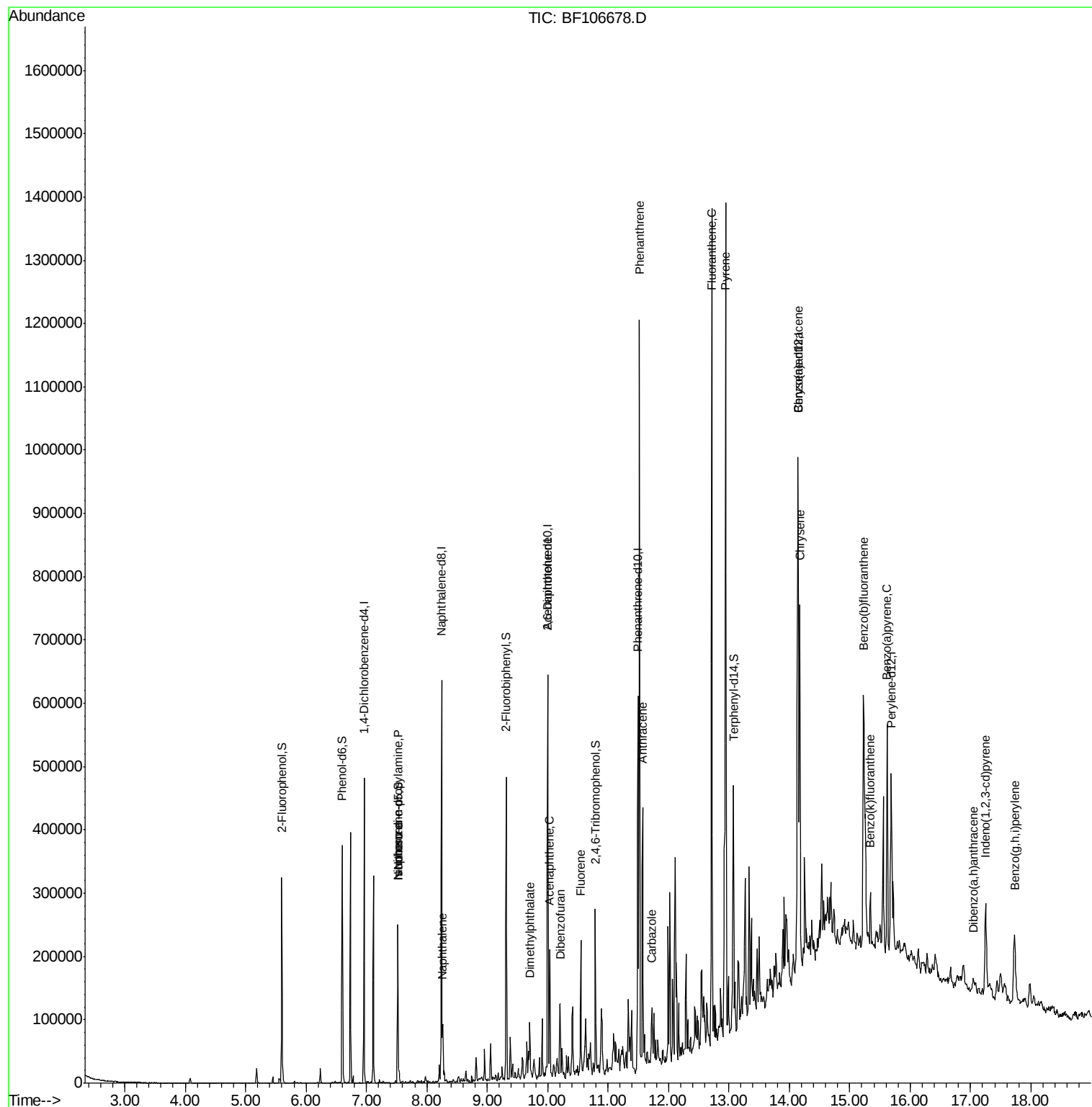
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	9737	2.992	ng	# 74
20) 3+4-Methylphenols	7.38	107	318	Below Cal		# 20
25) Isophorone	7.52	82	71627	8.820	ng	# 64
31) Naphthalene	8.27	128	34245	2.860	ng	# 99
49) Dimethylphthalate	9.71	163	21262	2.309	ng	# 95
50) 2,6-Dinitrotoluene	10.00	165	16803	8.616	ng	# 24
51) Acenaphthene	10.04	154	43355	5.661	ng	# 96
54) Dibenzofuran	10.21	168	42264	4.030	ng	# 94
57) Fluorene	10.55	166	55209	6.634	ng	# 98
70) Phenanthrene	11.52	178	465142	43.701	ng	# 98
71) Anthracene	11.57	178	149631	13.773	ng	# 98
72) Carbazole	11.72	167	31489	3.096	ng	# 97
74) Fluoranthene	12.72	202	580085	49.447	ng	# 94
77) Pyrene	12.95	202	584282	46.391	ng	# 99
80) Benzo(a)anthracene	14.14	228	300089	25.780	ng	# 99
82) Chrysene	14.18	228	256763	23.976	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.25	276	99925	10.995	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	350003	38.723	ng	# 96
88) Benzo(k)fluoranthene	15.34	252	44069	5.120	ng	# 95
89) Benzo(a)pyrene	15.62	252	200496	24.952	ng	# 96
90) Dibenzo(a,h)anthracene	17.05	278	18745	2.753	ng	# 96
91) Benzo(g,h,i)perylene	17.73	276	100968	15.170	ng	# 88

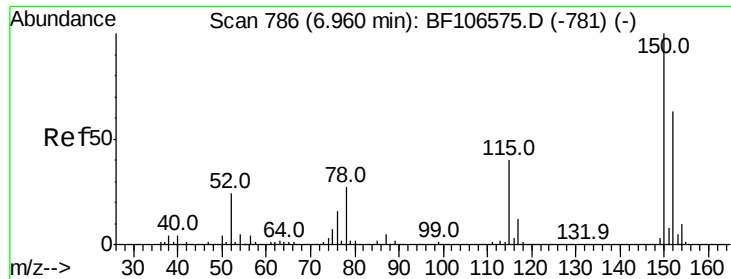
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106678.D
Acq On : 21 Jun 2018 23:09
Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 03:24:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



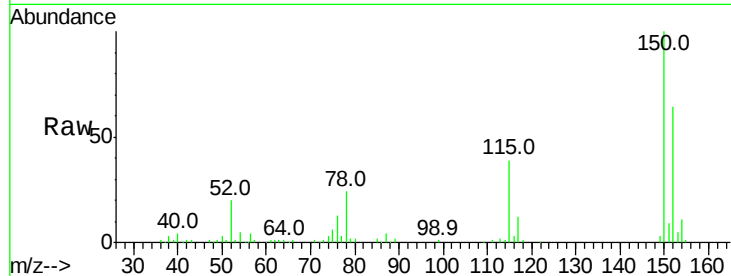


#1

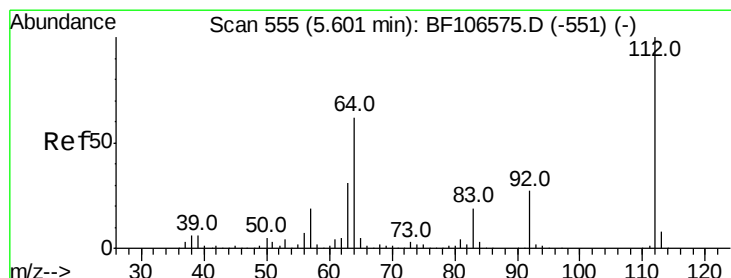
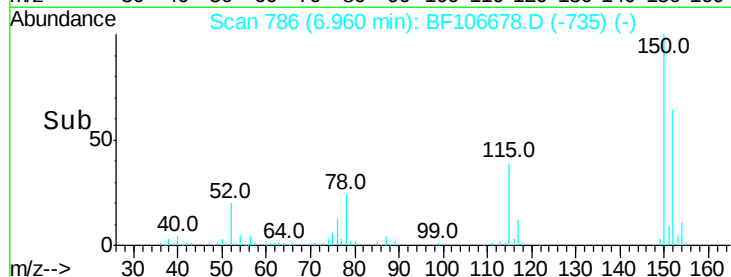
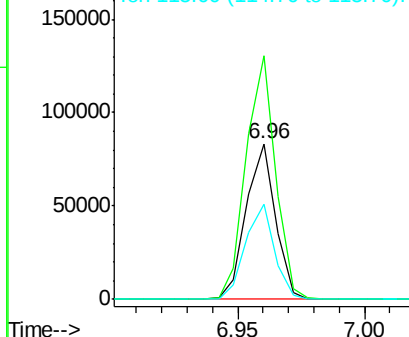
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66951
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.9 50.1 75.1



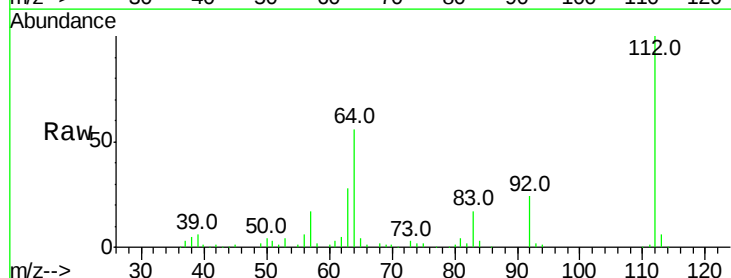
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



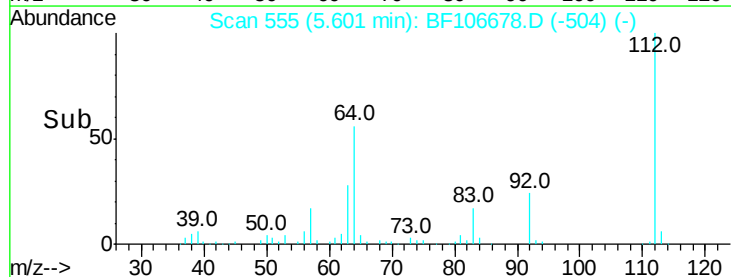
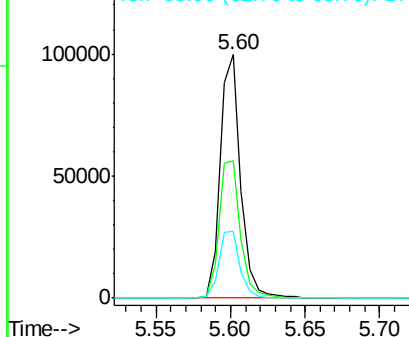
#5

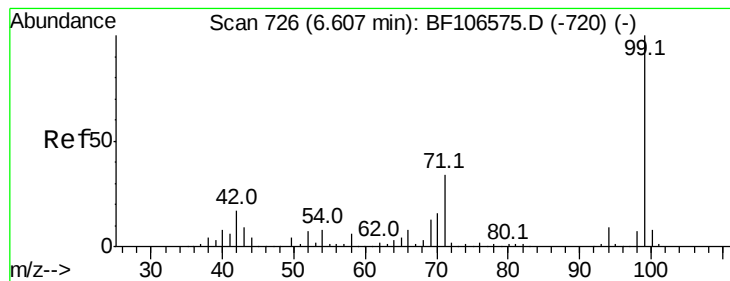
2-Fluorophenol
Concen: 24.241 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Tgt Ion:112 Resp: 95846
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.6 23.7 35.5



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





#7

Phenol-d6

Concen: 24.631 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

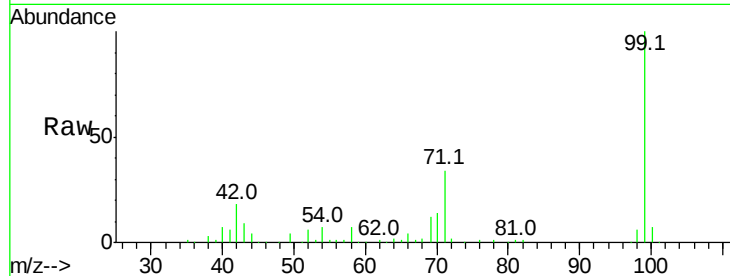
Tot Ion: 99 Resp: 121618

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

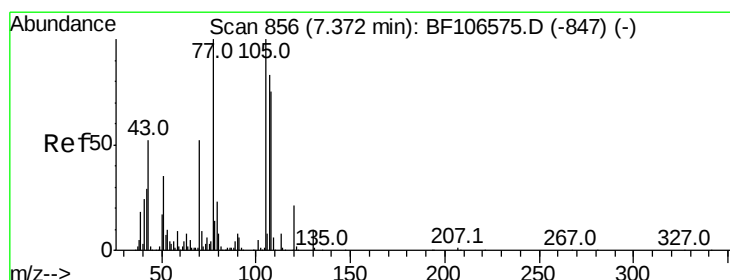
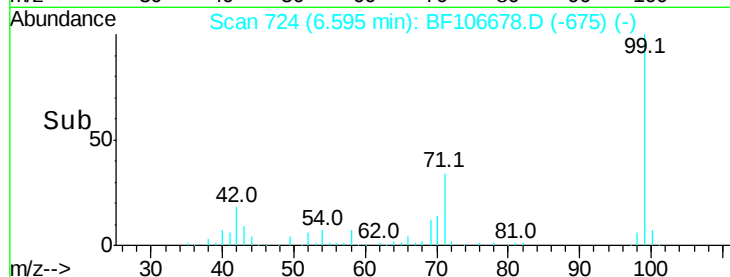
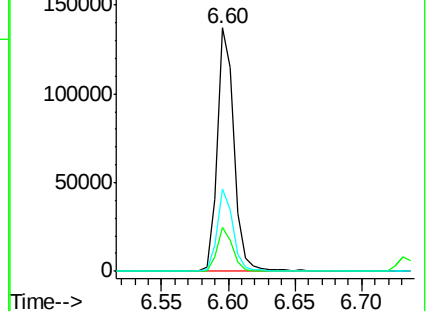
71 33.8 25.4 38.0



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: 2.992 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Tgt Ion: 70 Resp: 9737

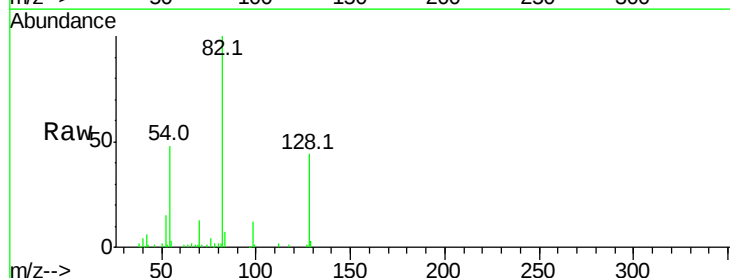
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

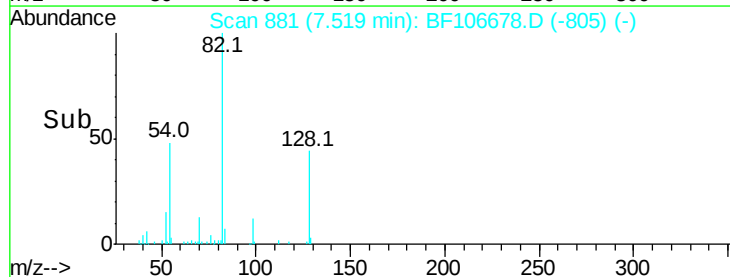
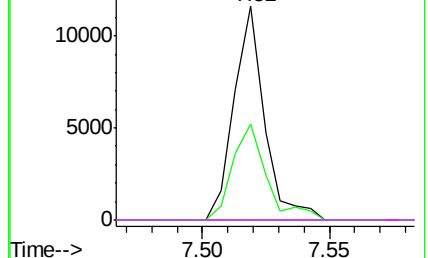


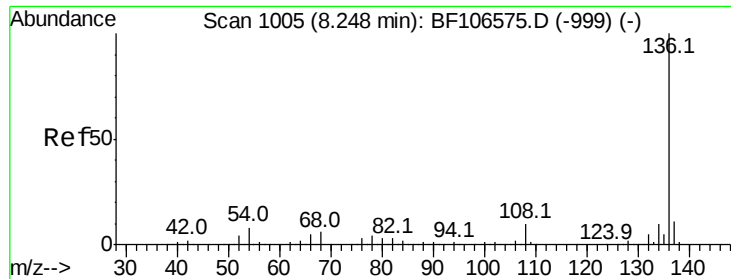
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

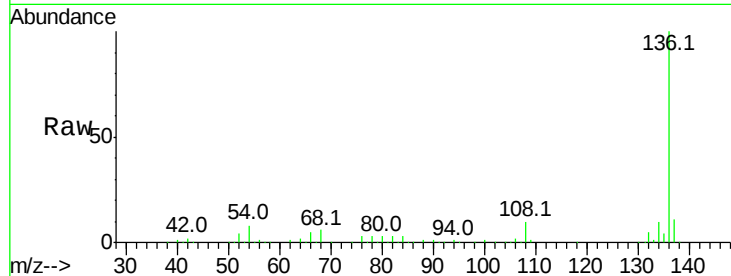




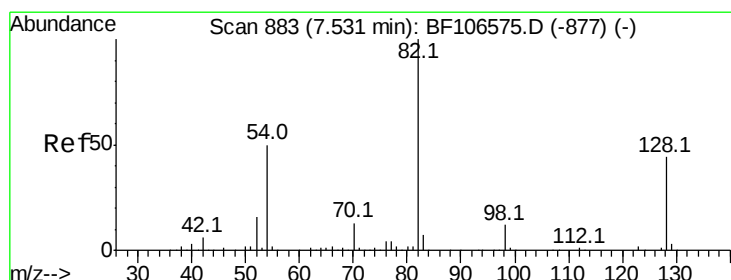
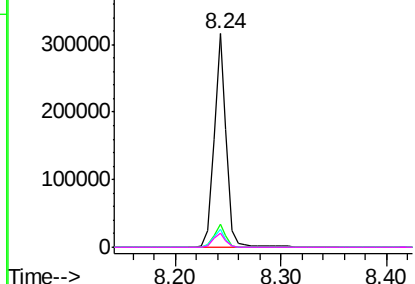
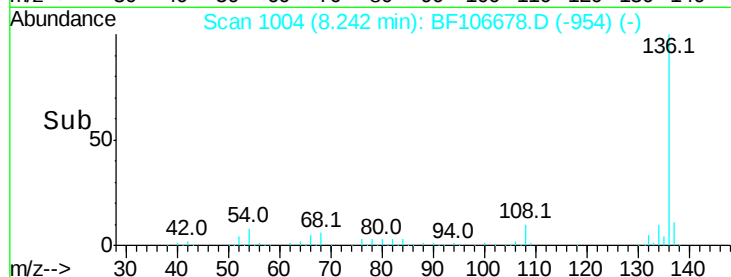
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	256119
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

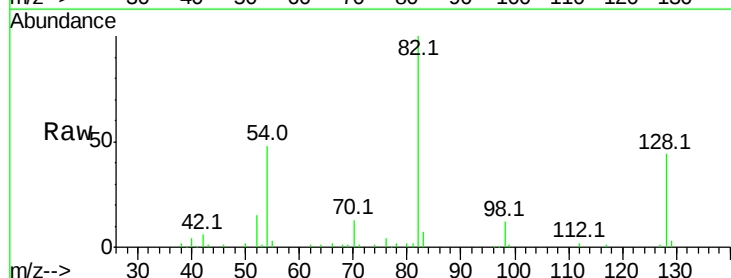


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

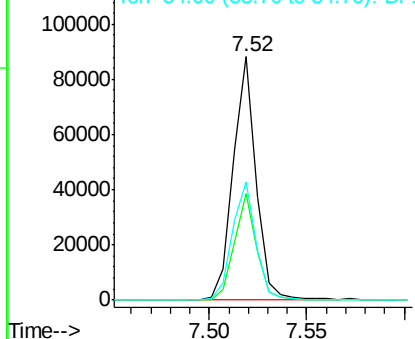
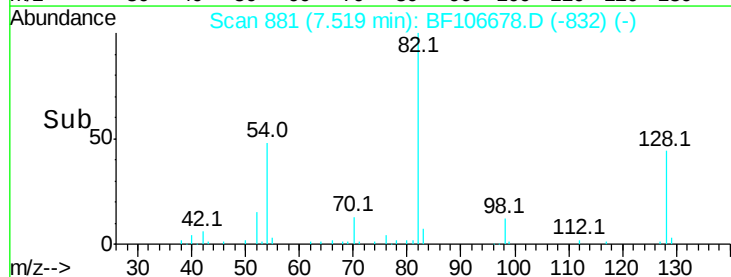


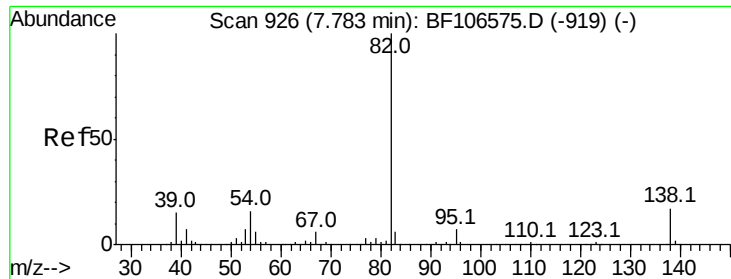
#23
Nitrobenzene-d5
Concen: 15.542 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Tgt Ion:	82	Resp:	71628
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.5	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: 8.820 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampled :

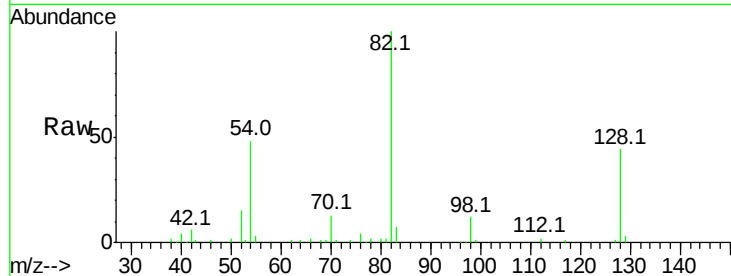
Tot Ion: 82 Resp: 71627

Ion Ratio Lower Upper

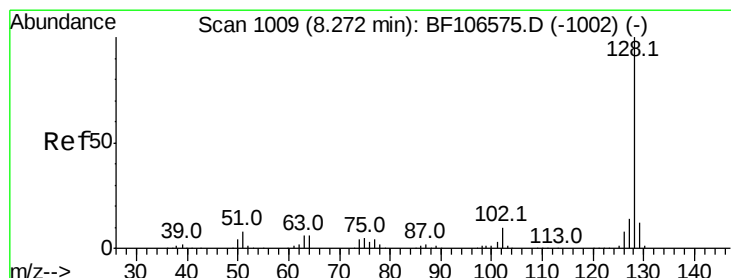
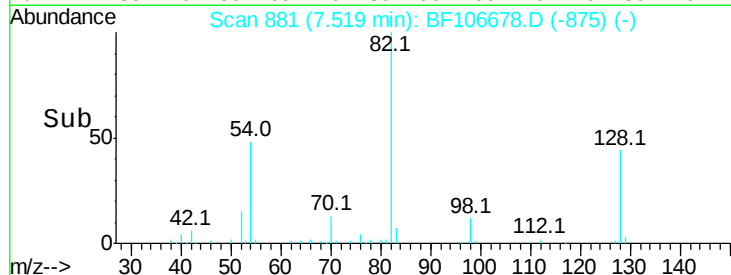
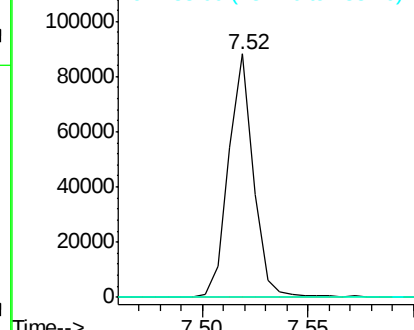
82 100

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: 2.860 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

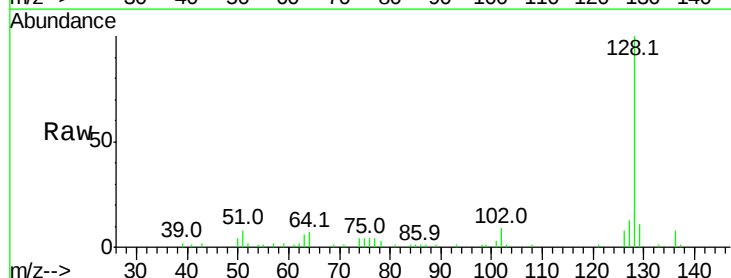
Tgt Ion: 128 Resp: 34245

Ion Ratio Lower Upper

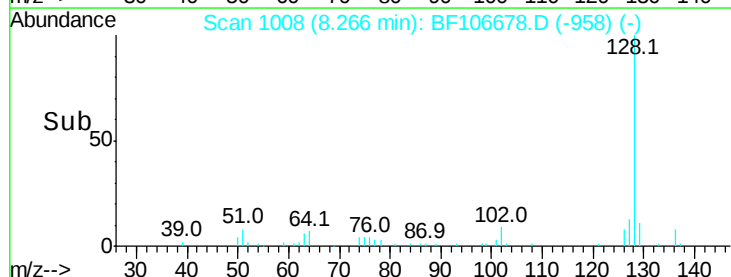
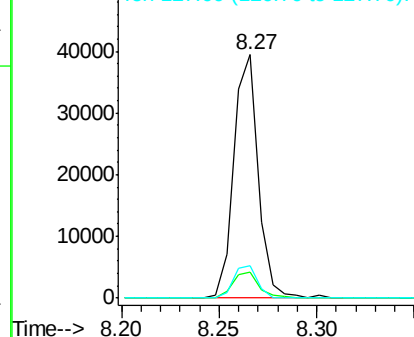
128 100

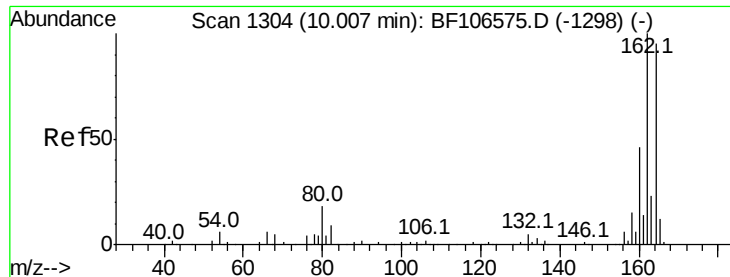
129 10.6 8.8 13.2

127 13.2 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

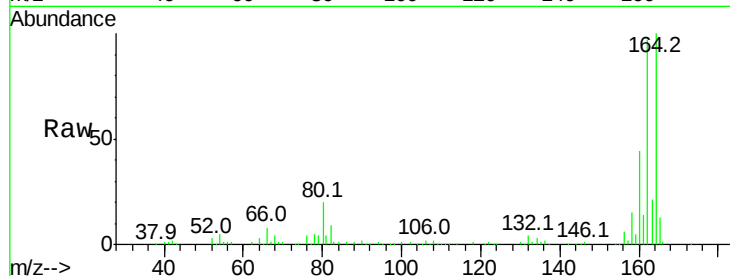




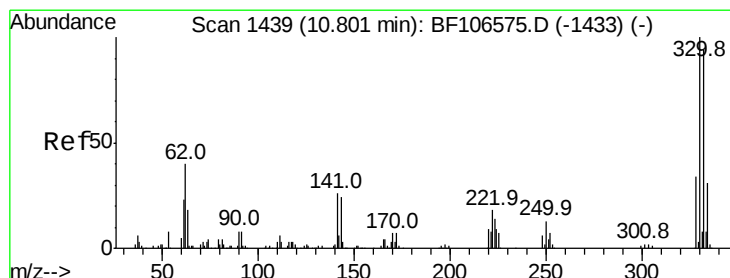
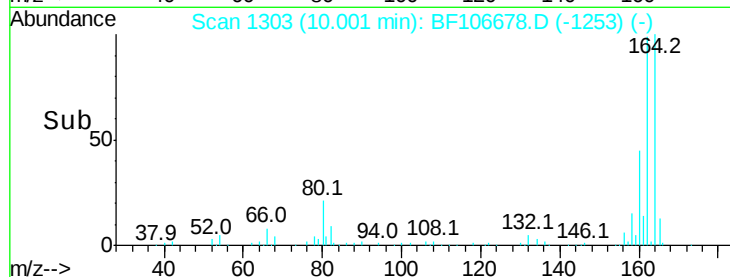
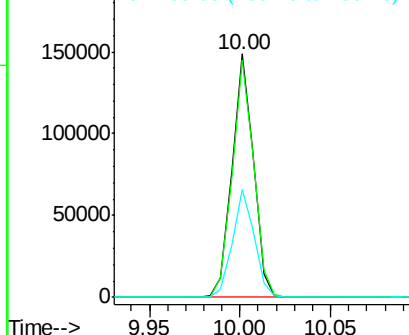
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 122799
Ion Ratio Lower Upper
164 100
162 97.2 86.1 129.1
160 44.3 38.3 57.5

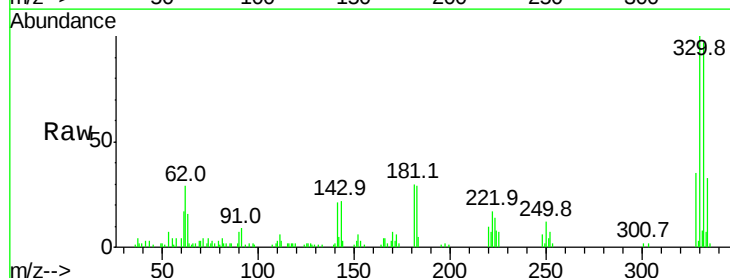


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

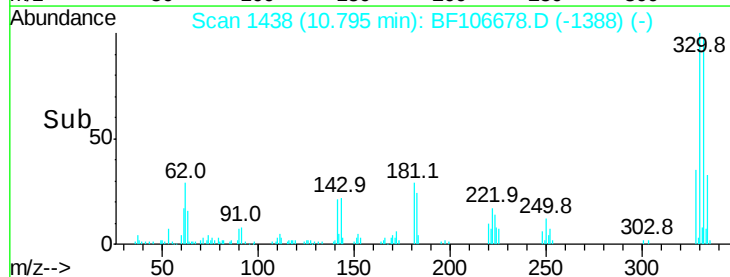
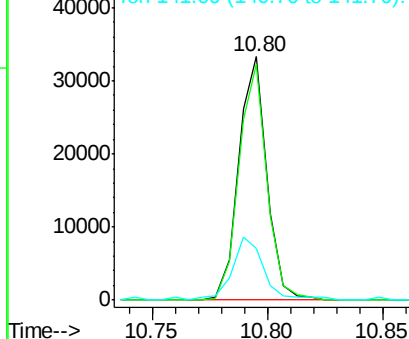


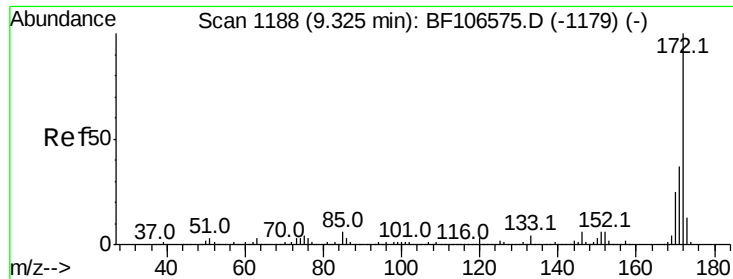
#41
2,4,6-Tribromophenol
Concen: 19.854 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Tgt Ion:330 Resp: 28257
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 29.3 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

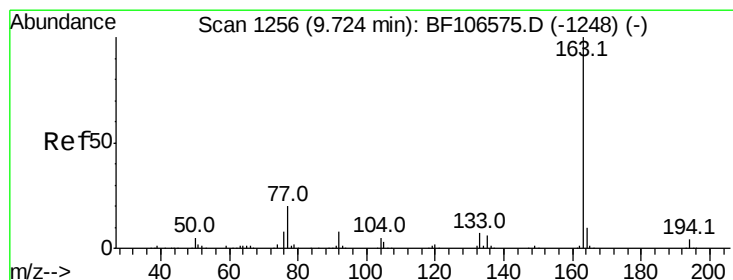
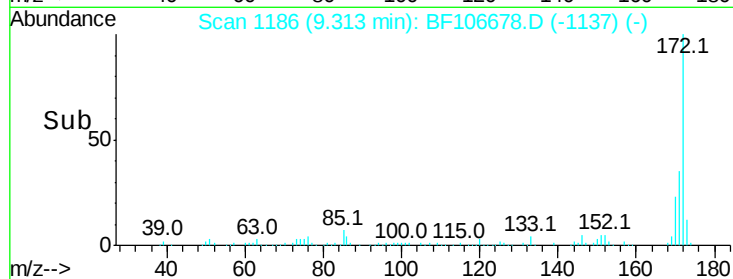
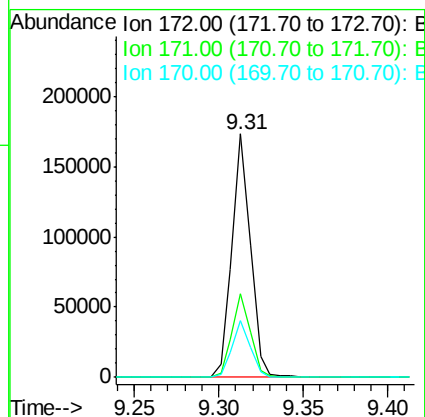
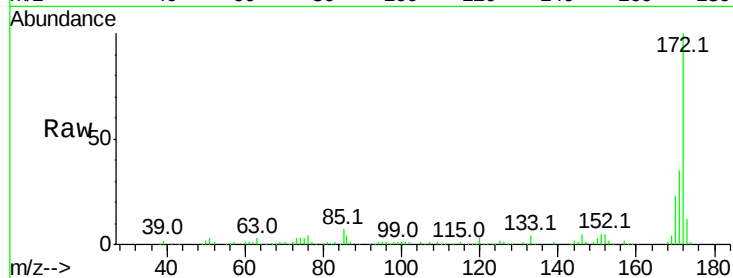




#44
2-Fluorobiphenyl
Concen: 4.217 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

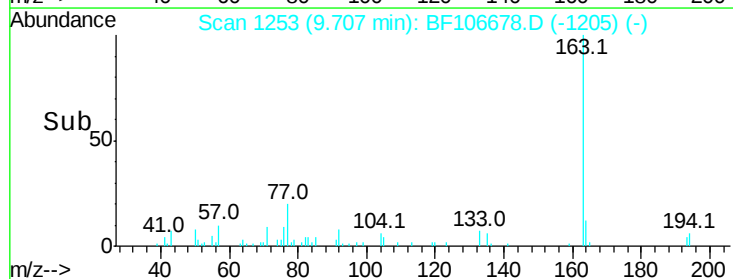
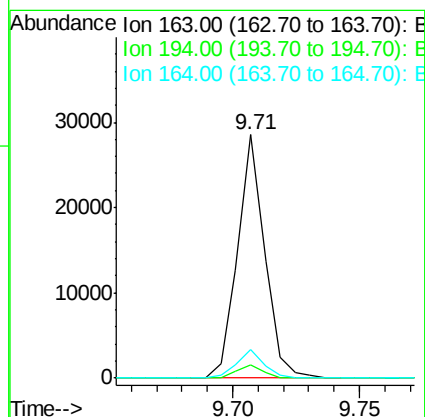
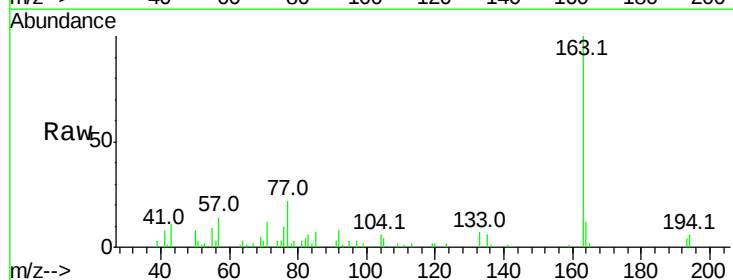
Instrument :
BNA_F
ClientSampleId :

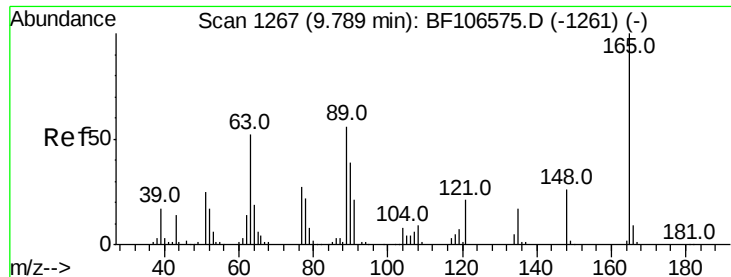
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.3	19.6	29.4



#49
Dimethylphthalate
Concen: 2.309 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	11.8	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 8.616 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

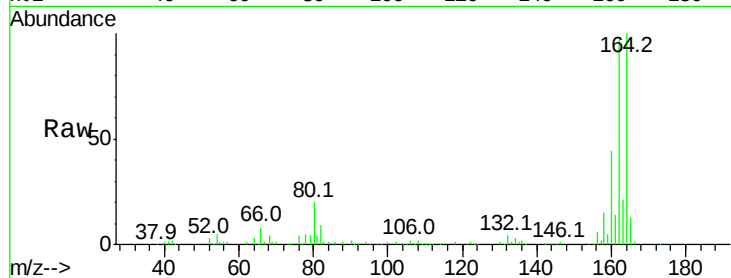
Tot Ion:165 Resp: 16803

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

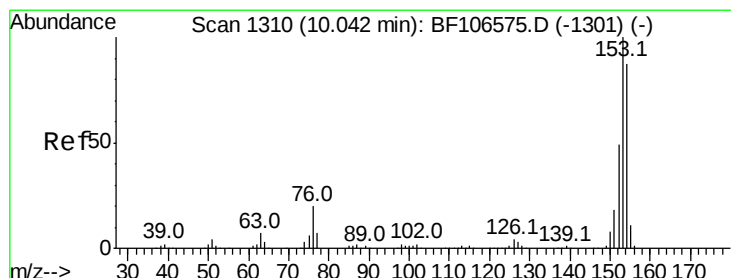
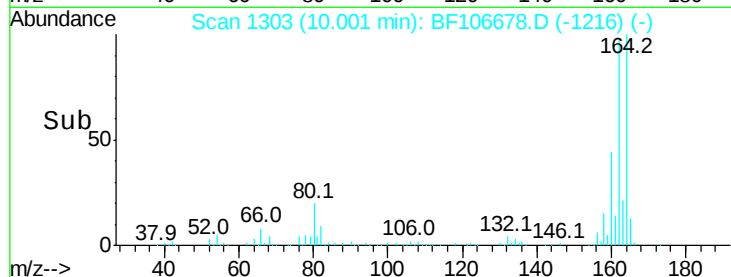
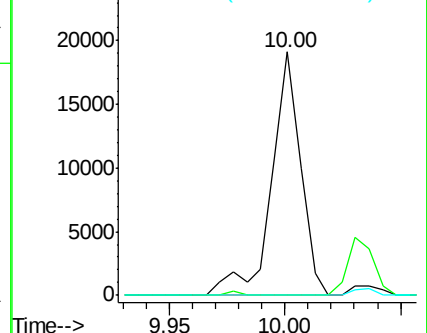
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 5.661 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

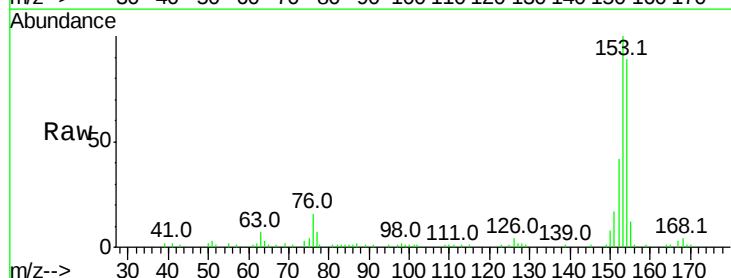
Tgt Ion:154 Resp: 43355

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

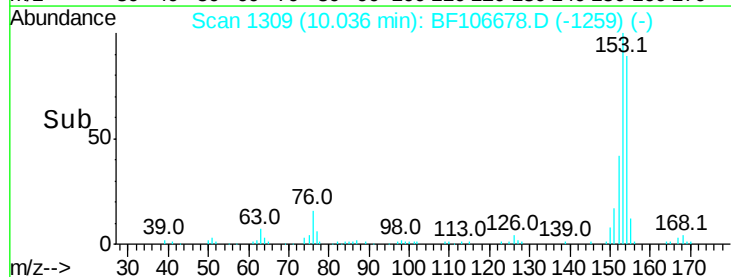
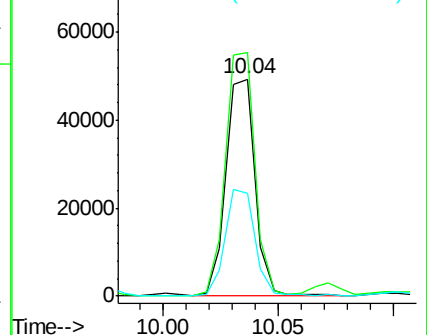
152 47.6 43.8 65.8

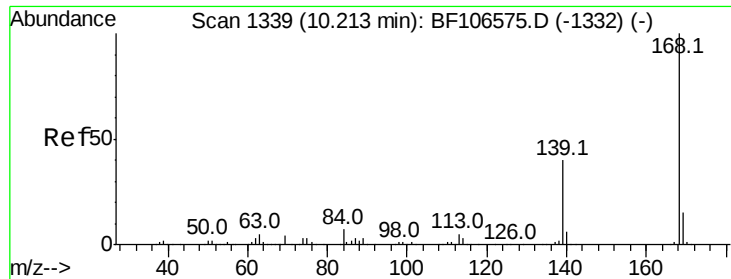


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 4.030 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

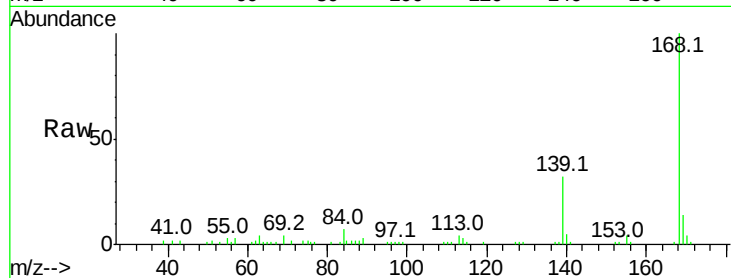
Tot Ion:168 Resp: 42264

Ion Ratio Lower Upper

168 100

139 32.5 30.1 45.1

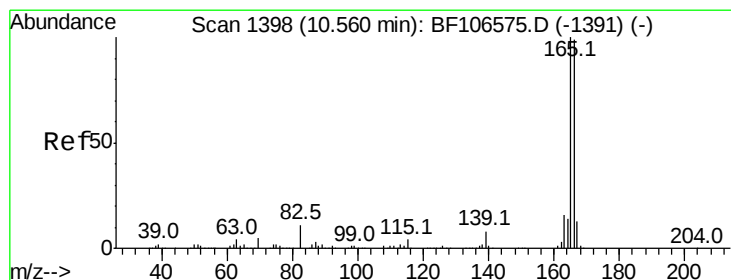
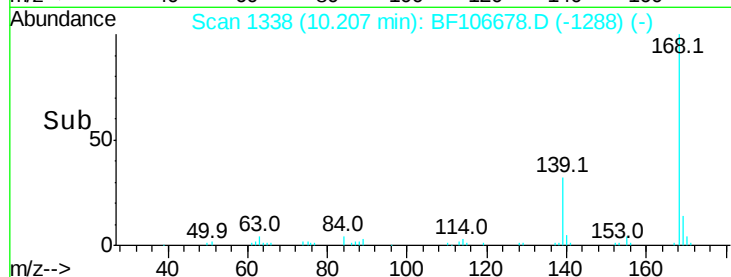
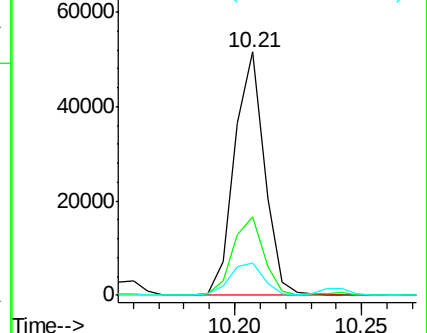
169 13.6 10.9 16.3



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



#57

Fluorene

Concen: 6.634 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

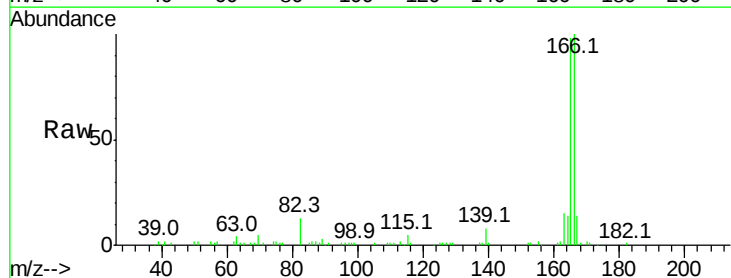
Tgt Ion:166 Resp: 55209

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

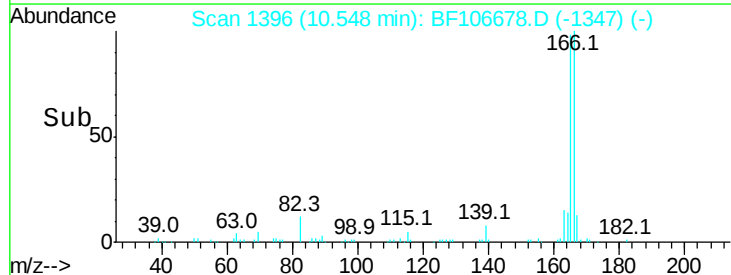
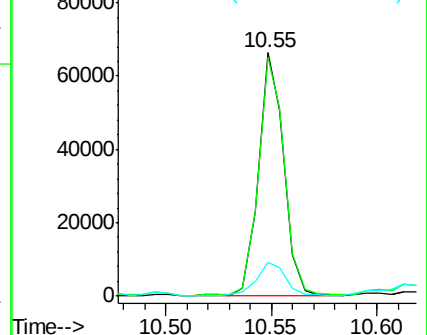
167 13.9 10.6 16.0

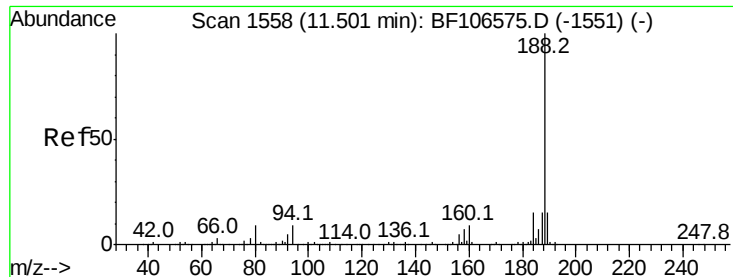


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

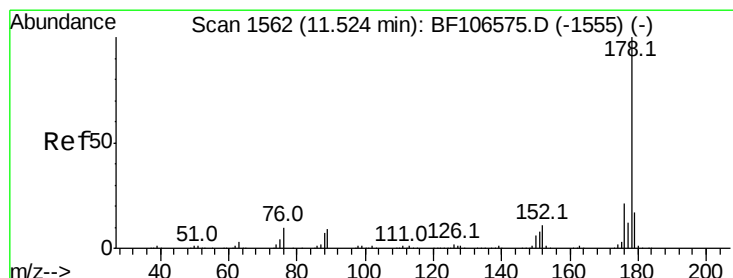
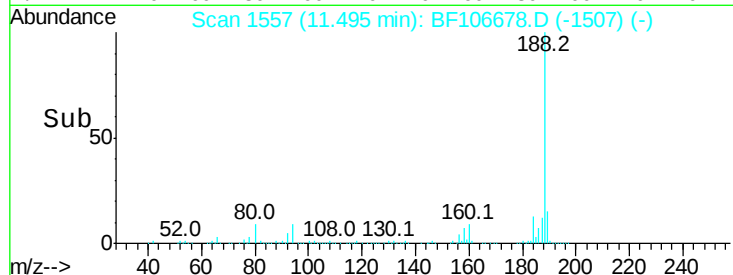
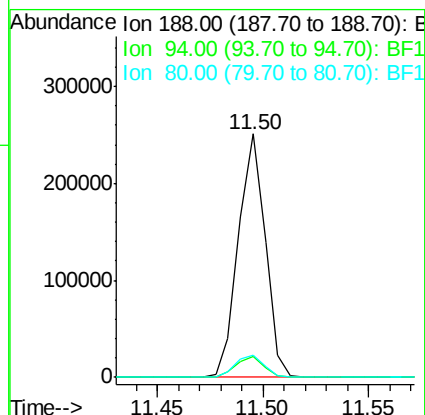
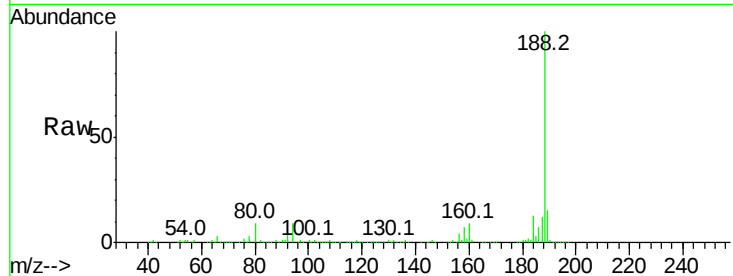




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

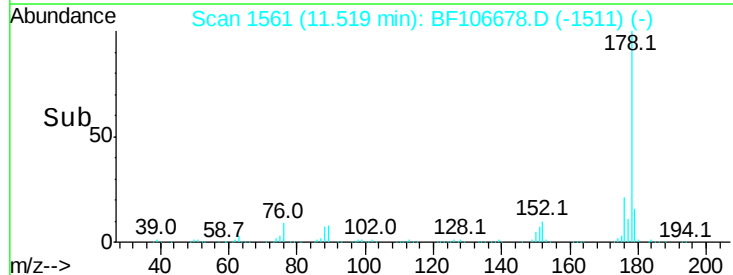
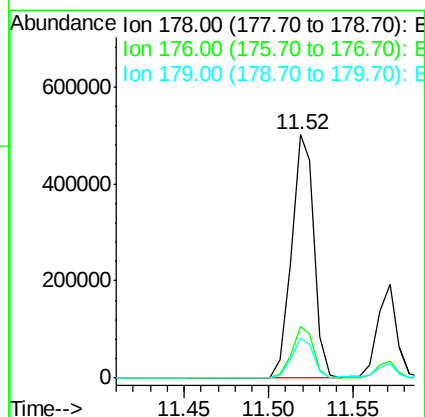
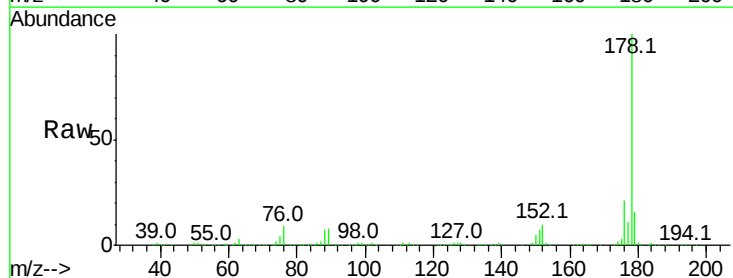
Instrument :
BNA_F
ClientSampleId :

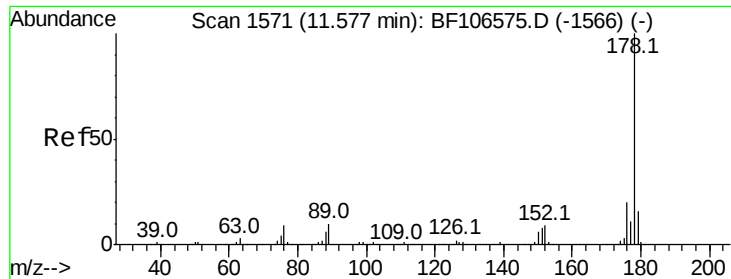
Tot Ion:188 Resp: 220676
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.3 9.2 13.8



#70
Phenanthrene
Concen: 43.701 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106678.D
Acq: 21 Jun 2018 23:09

Tgt Ion:178 Resp: 465142
Ion Ratio Lower Upper
178 100
176 21.0 15.8 23.8
179 16.2 13.0 19.6

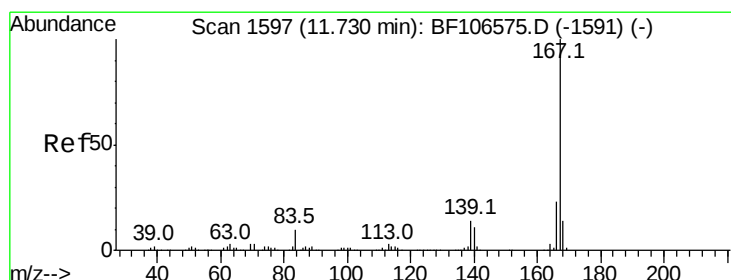
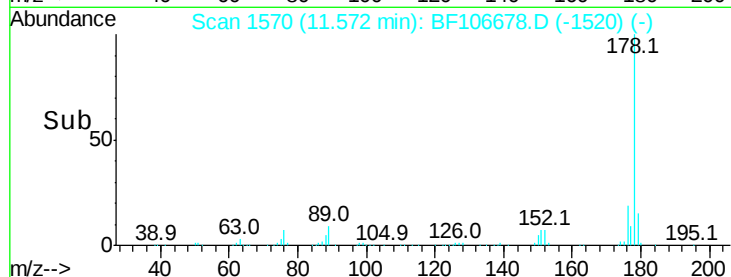
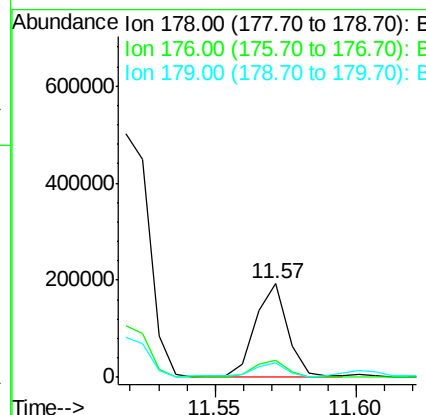
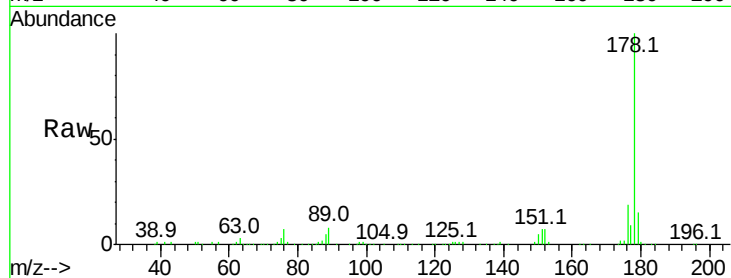




#71
 Anthracene
 Concen: 13.773 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106678.D
 Acq: 21 Jun 2018 23:09

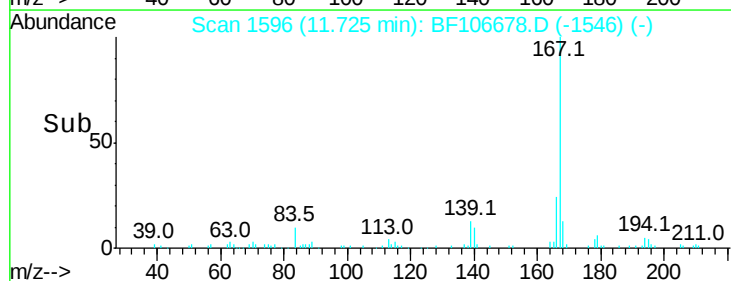
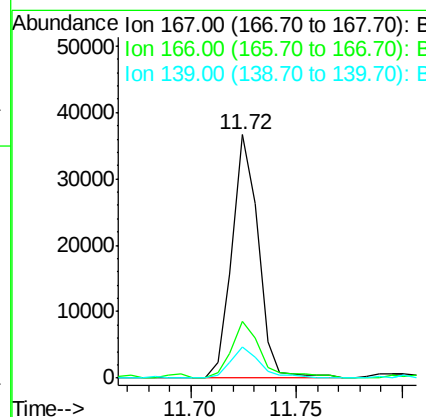
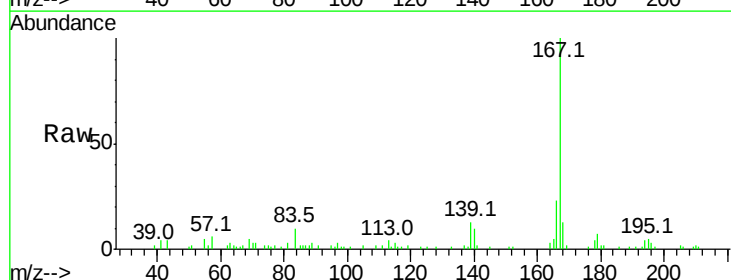
Instrument :
 BNA_F
 ClientSampleId :

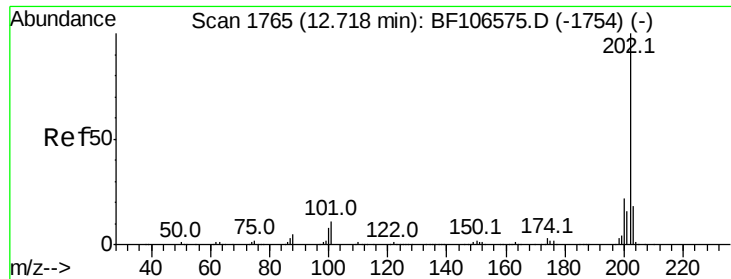
Tot Ion:178 Resp: 149631
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 3.096 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106678.D
 Acq: 21 Jun 2018 23:09

Tgt Ion:167 Resp: 31489
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 12.8 10.9 16.3

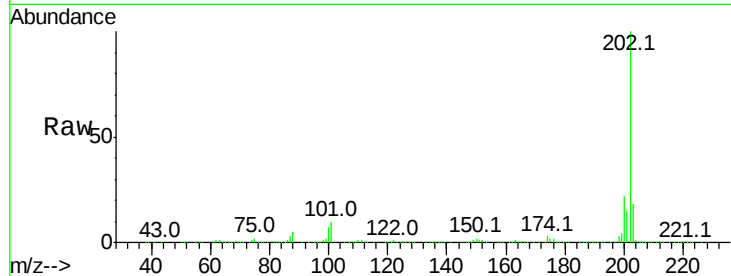




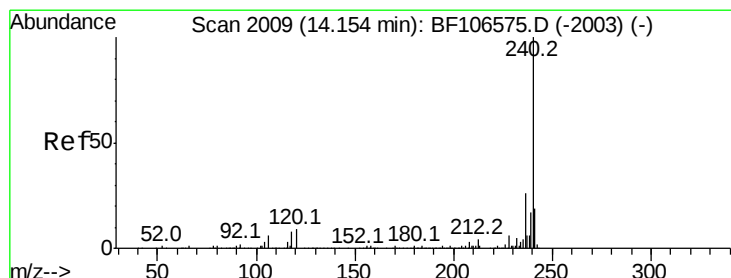
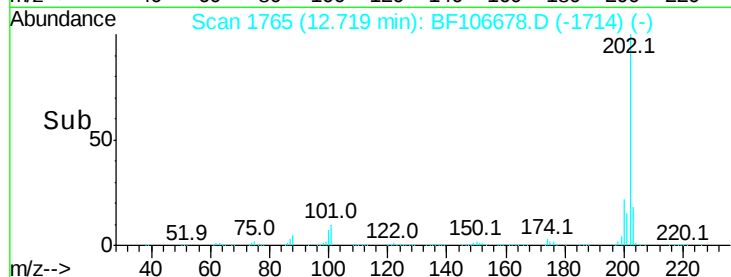
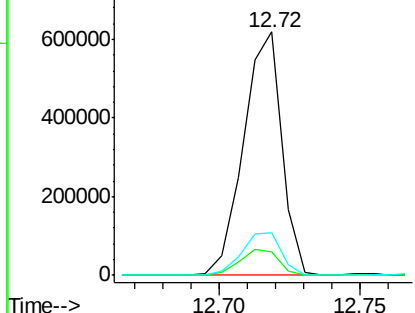
#74
 Fluoranthene
 Concen: 49.447 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF106678.D
 Acq: 21 Jun 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.6	0.0	38.1

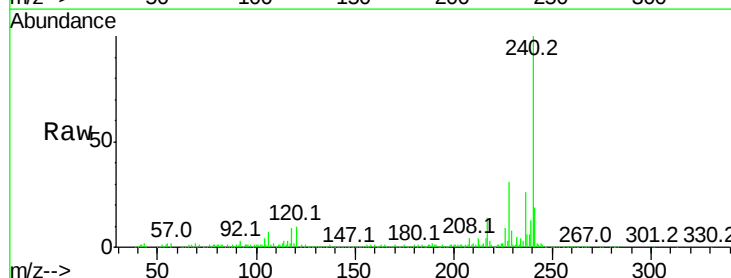


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

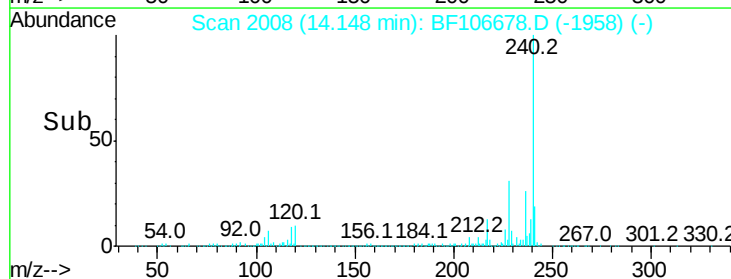
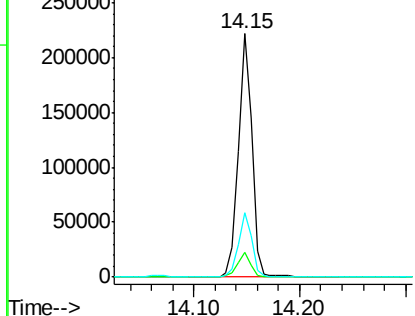


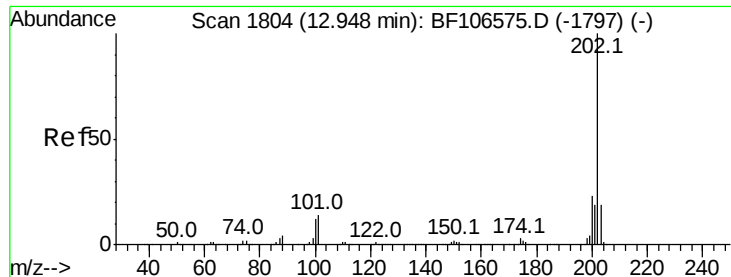
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106678.D
 Acq: 21 Jun 2018 23:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 46.391 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

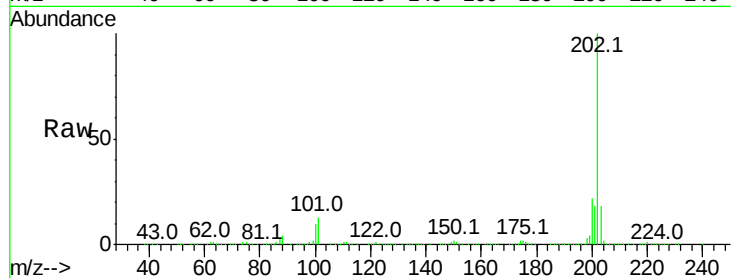
Tot Ion:202 Resp: 584282

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

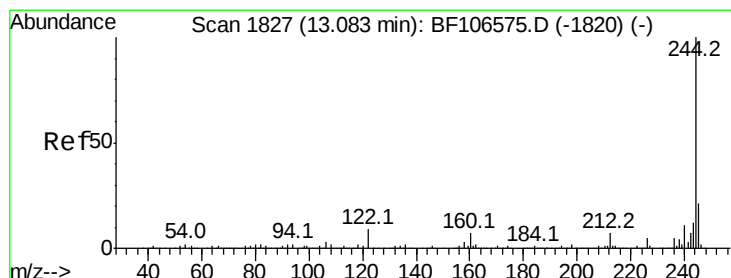
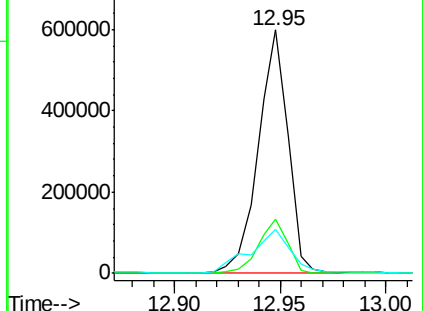
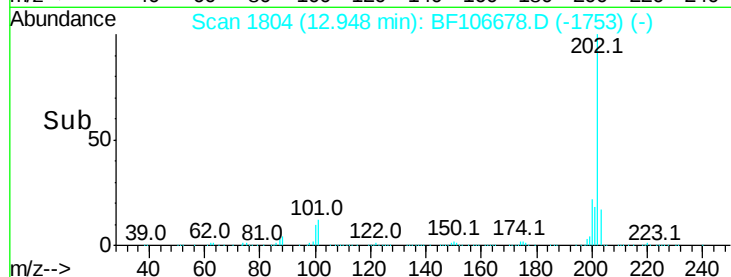
203 18.2 14.3 21.5



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: 17.121 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

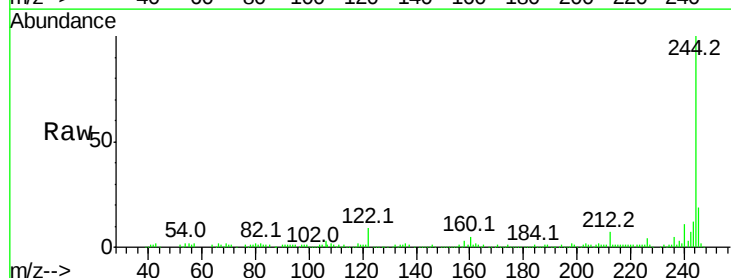
Tgt Ion:244 Resp: 134996

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

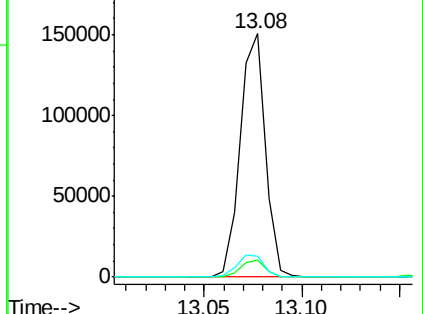
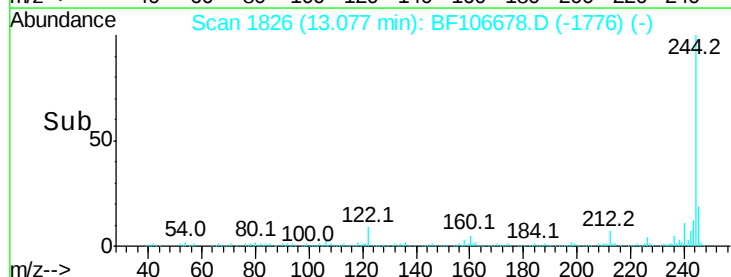
122 8.6 11.0 16.4#

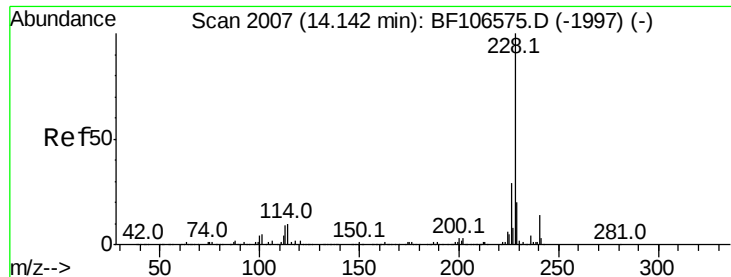


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 25.780 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

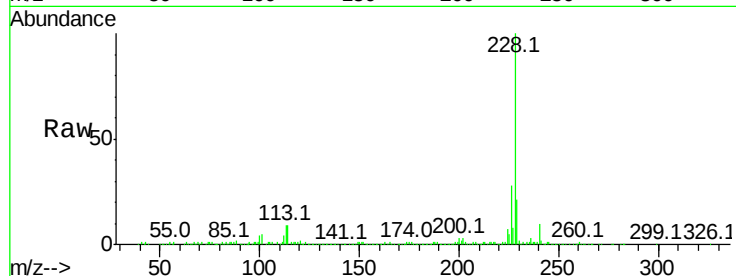
Tot Ion:228 Resp: 300089

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

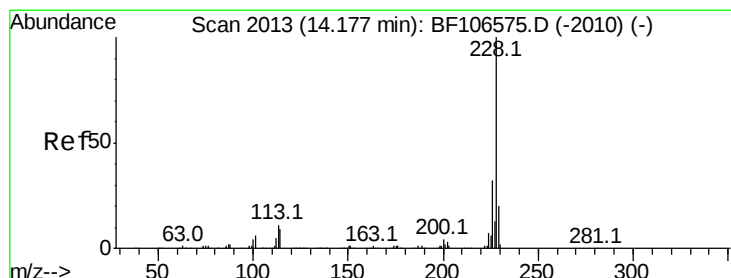
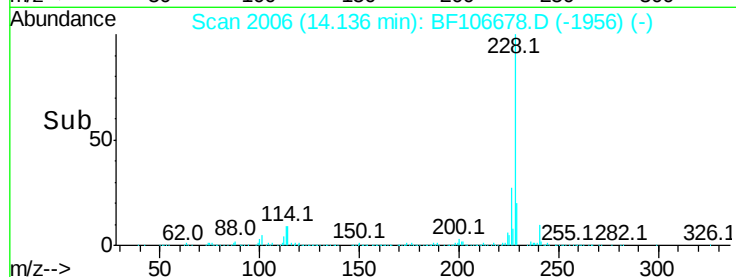
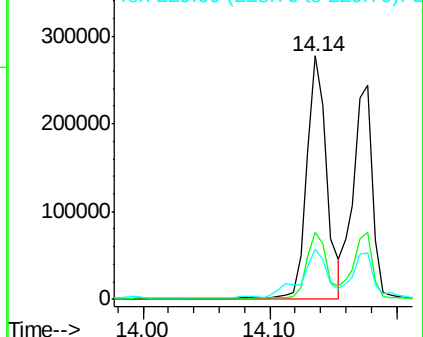
229 20.7 15.8 23.6



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



#82

Chrysene

Concen: 23.976 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

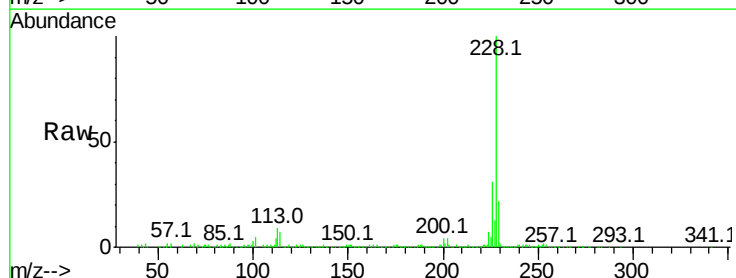
Tgt Ion:228 Resp: 256763

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

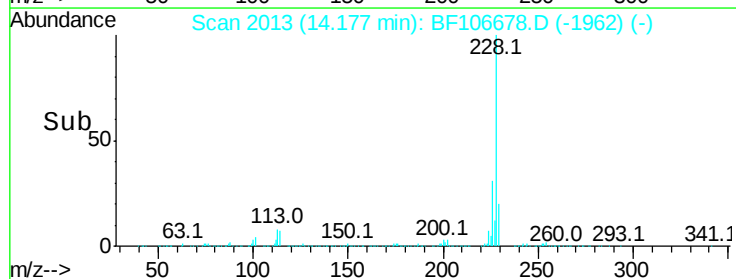
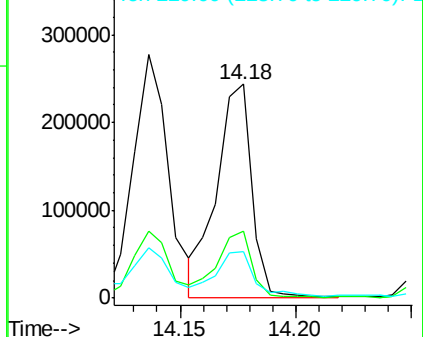
229 21.6 16.2 24.4

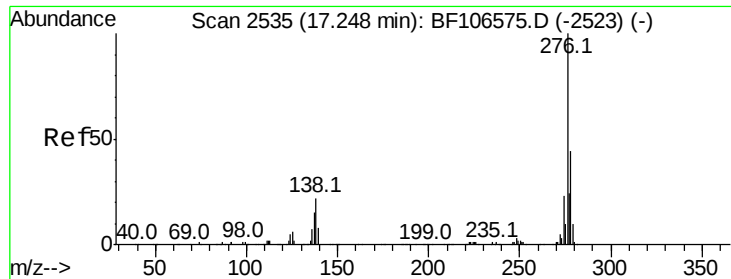


Abundance Ion 228.00 (227.70 to 228.70): E

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: 10.995 ng

RT: 17.25 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

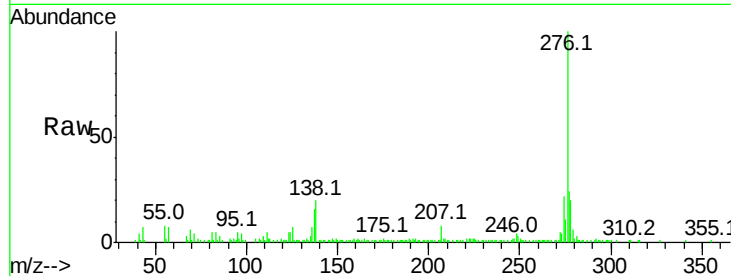
Tot Ion:276 Resp: 99925

Ion Ratio Lower Upper

276 100

138 18.7 25.0 37.6#

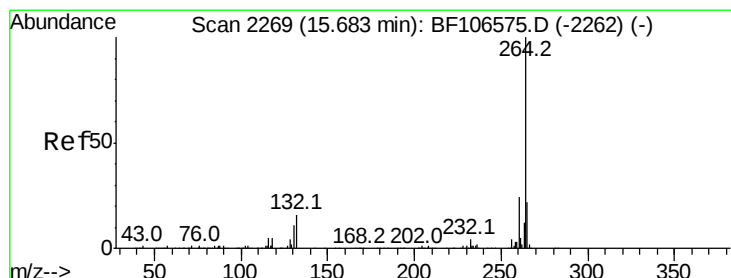
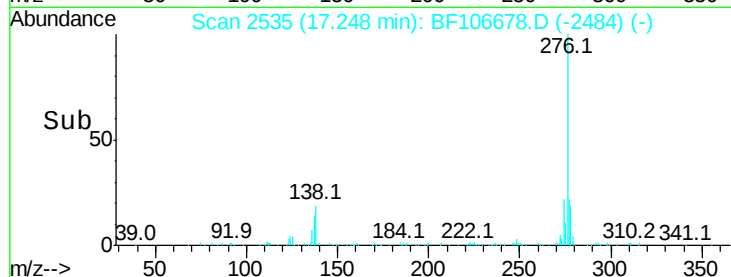
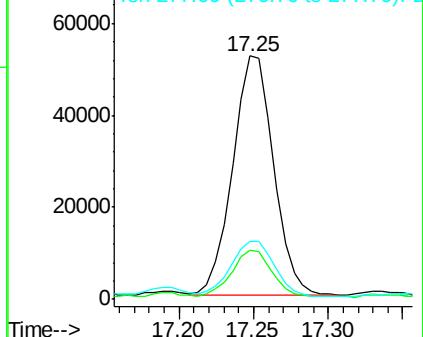
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

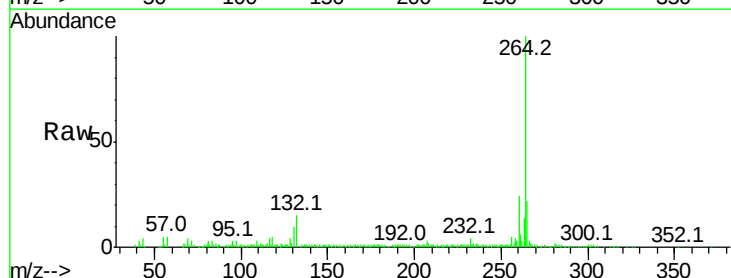
Tgt Ion:264 Resp: 145504

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

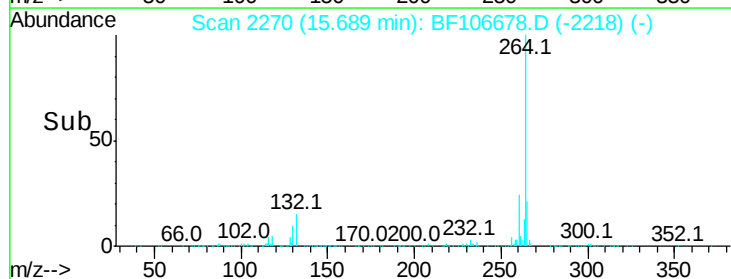
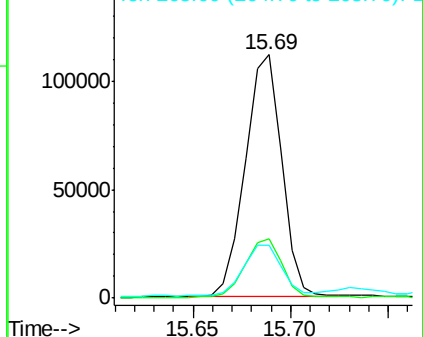
265 21.6 17.5 26.3

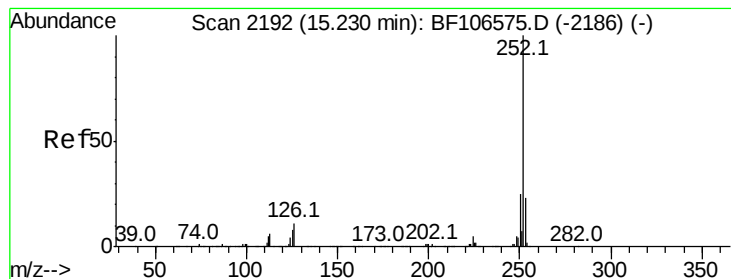


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.723 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

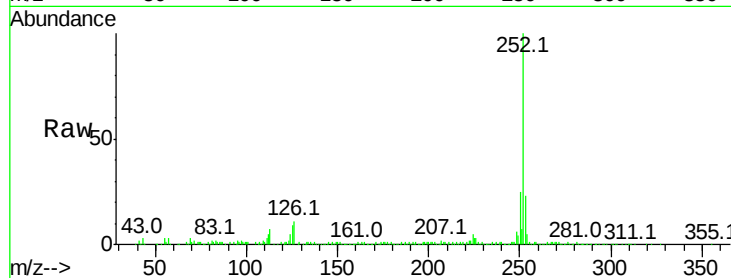
Tot Ion:252 Resp: 350003

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

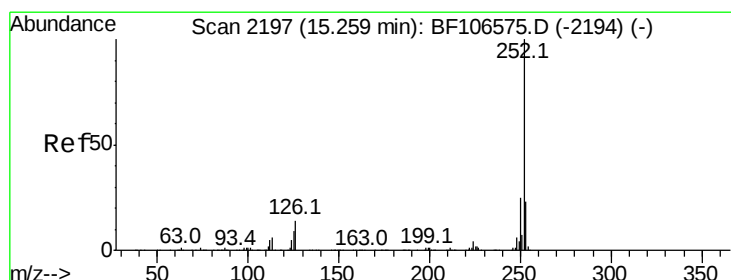
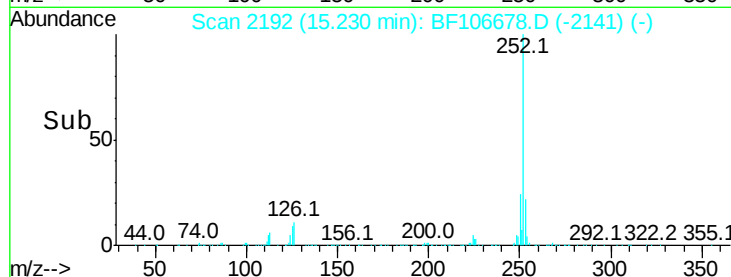
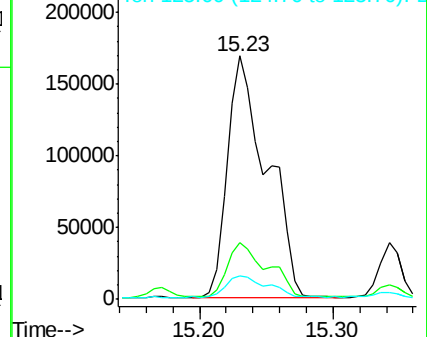
125 9.4 9.0 13.6



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: 5.120 ng

RT: 15.34 min Scan# 2211

Delta R.T. 0.08 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

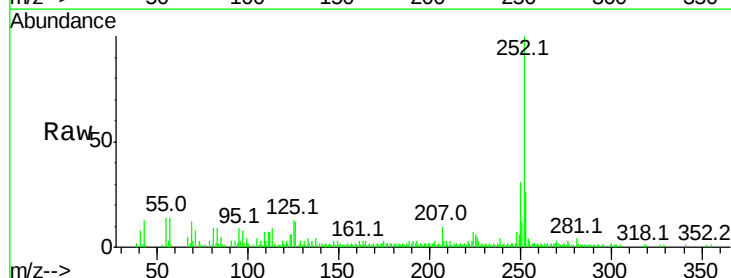
Tgt Ion:252 Resp: 44069

Ion Ratio Lower Upper

252 100

253 26.5 17.9 26.9

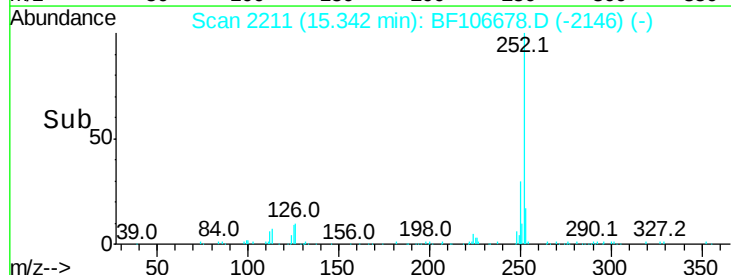
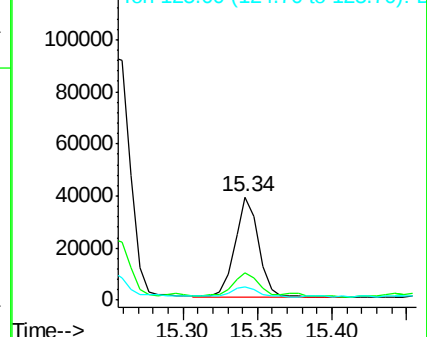
125 12.7 10.2 15.2

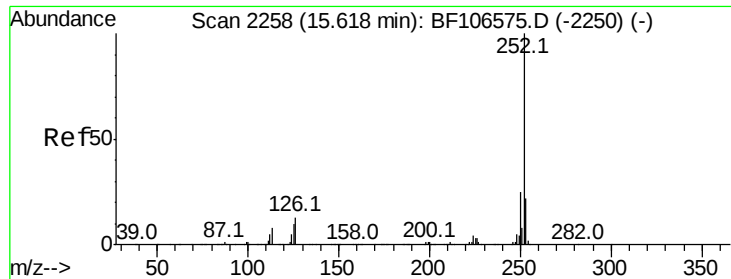


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.952 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampled :

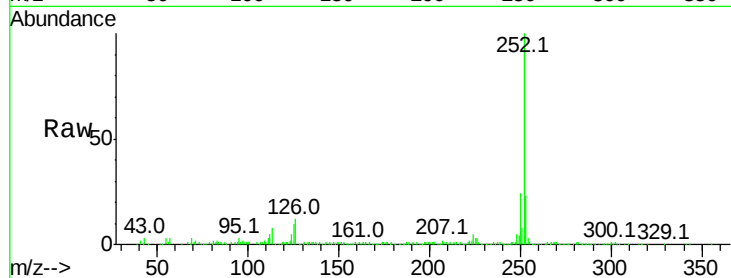
Tot Ion:252 Resp: 200496

Ion Ratio Lower Upper

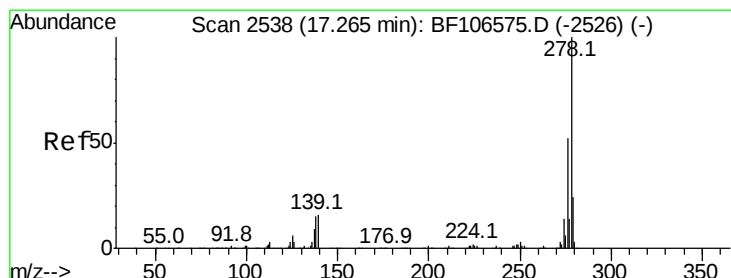
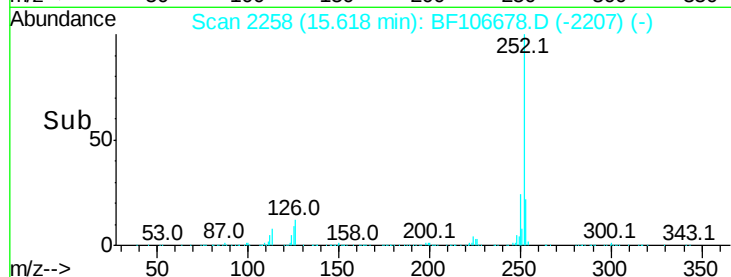
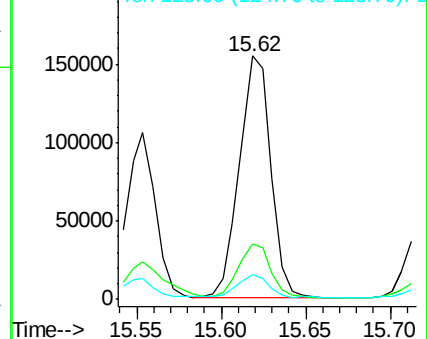
252 100

253 23.0 17.1 25.7

125 10.2 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: 2.753 ng

RT: 17.05 min Scan# 2501

Delta R.T. -0.22 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

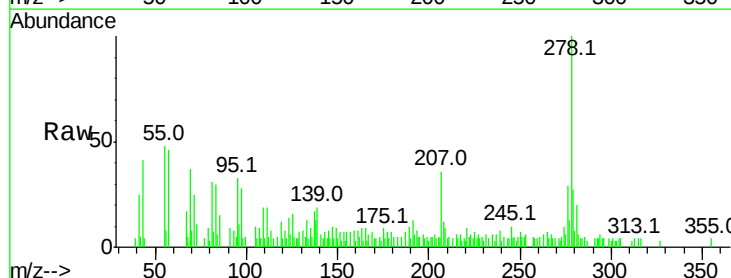
Tgt Ion:278 Resp: 18745

Ion Ratio Lower Upper

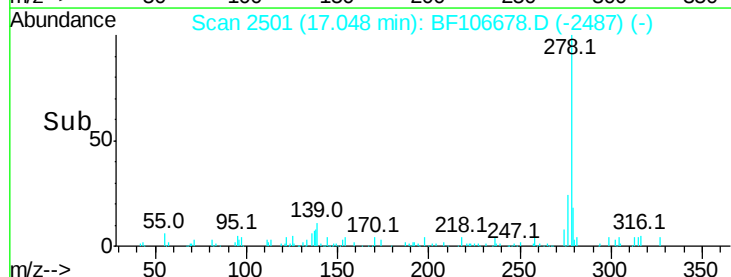
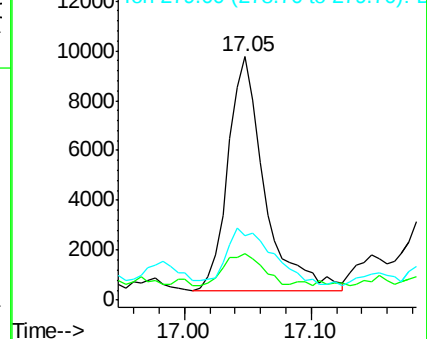
278 100

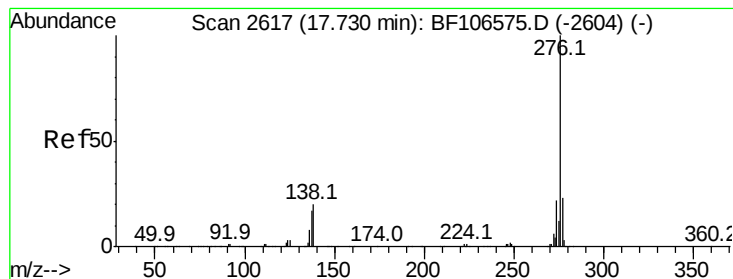
139 19.3 15.9 23.9

279 26.7 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(a,h,i)perylene

Concen: 15.170 ng

RT: 17.73 min Scan# 2617

Delta R.T. 0.00 min

Lab File: BF106678.D

Acq: 21 Jun 2018 23:09

Instrument :

BNA_F

ClientSampleId :

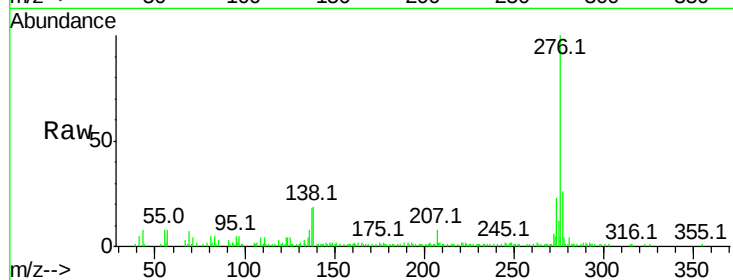
Tot Ion:276 Resp: 100968

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 19.3 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

