

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102656.D
 Acq On : 30 Jan 2018 22:51
 Operator : SJ/JU
 Sample : J1363-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 02:30:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	136117	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	578934	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	244247	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	357144	20.00	ng	0.00
75) Chrysene-d12	13.88	240	262994	20.00	ng	0.00
86) Perylene-d12	15.31	264	232311	20.00	ng	0.00

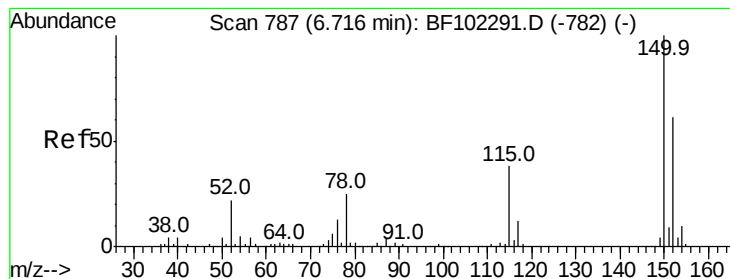
System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	14721	1.64	ng	0.02
7) Phenol-d6	6.39	99	22290	2.06	ng	0.02
23) Nitrobenzene-d5	7.29	82	12546	1.25	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	2771	1.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	26398	1.59	ng	0.00
78) Terphenyl-d14	12.82	244	19206	1.65	ng	0.00

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.12	70	21972	3.317	ng	# 64
31) Naphthalene	8.02	128	354153	12.252	ng	99
33) 4-Chloroaniline	8.02	127	45449	3.739	ng	# 33
37) 2-Methylnaphthalene	8.71	142	170877	8.877	ng	97
45) 1,1'-Biphenyl	9.17	154	59773	2.737	ng	99
48) Acenaphthylene	9.61	152	243661	9.213	ng	98
50) 2,6-Dinitrotoluene	9.75	165	37592	8.637	ng	# 26
51) Acenaphthene	9.78	154	223091	14.443	ng	99
54) Dibenzofuran	9.95	168	261924	12.530	ng	99
55) 4-Nitrophenol	9.95	139	99333	29.225	ng	# 10
57) Fluorene	10.30	166	391773	23.652	ng	99
70) Phenanthrene	11.26	178	1374229	66.032	ng	99
71) Anthracene	11.31	178	505059	23.776	ng	99
72) Carbazole	11.47	167	127276	6.142	ng	98
74) Fluoranthene	12.46	202	1185893	55.878	ng	97
77) Pyrene	12.68	202	1059235	52.092	ng	100
80) Benzo(a)anthracene	13.90	228	372543	23.008	ng	93
82) Chrysene	13.90	228	372543	22.657	ng	97
85) Indeno(1,2,3-cd)pyrene	16.71	276	120580	8.880	ng	97
87) Benzo(b)fluoranthene	14.90	252	521287	34.620	ng	# 95
88) Benzo(k)fluoranthene	14.90	252	521287	36.644	ng	98
89) Benzo(a)pyrene	15.25	252	286304	21.083	ng	95
90) Dibenzo(a,h)anthracene	16.72	278	32419	2.947	ng	# 84
91) Benzo(g,h,i)perylene	17.14	276	117527	10.820	ng	98

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

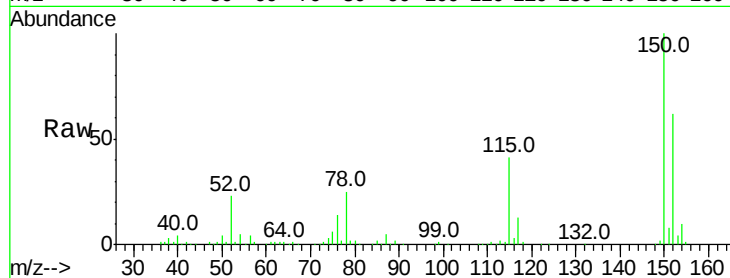


#1

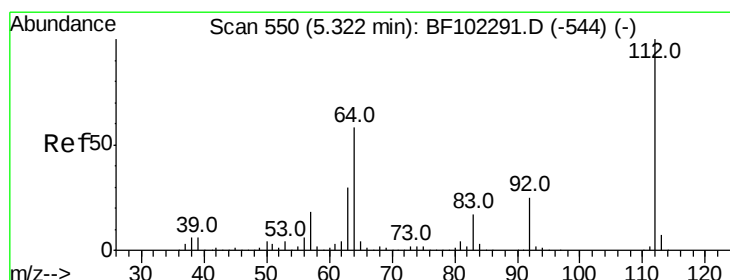
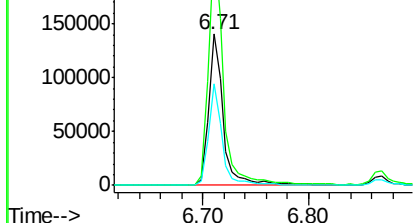
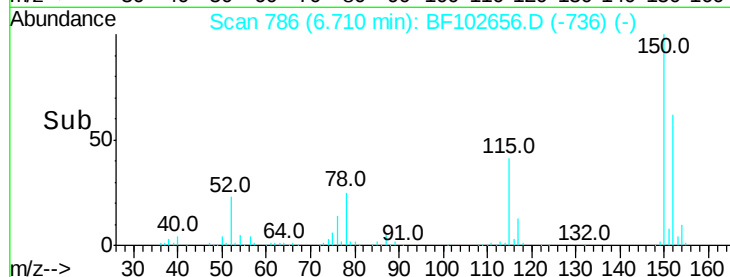
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136117
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 66.9 50.1 75.1



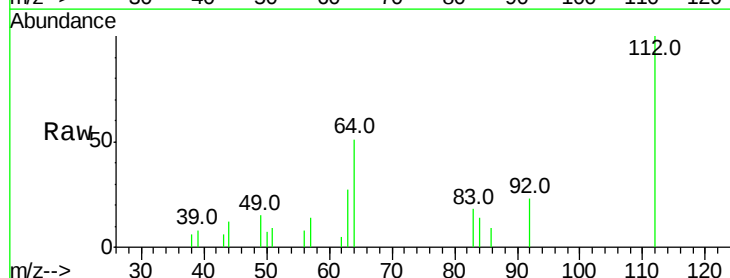
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



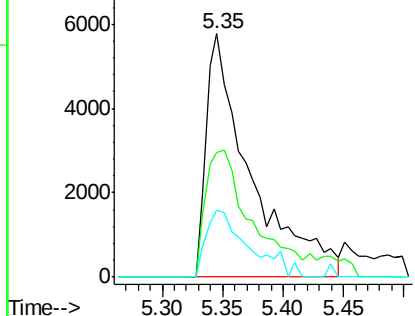
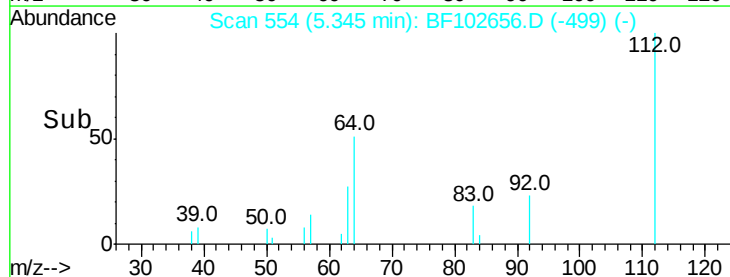
#5

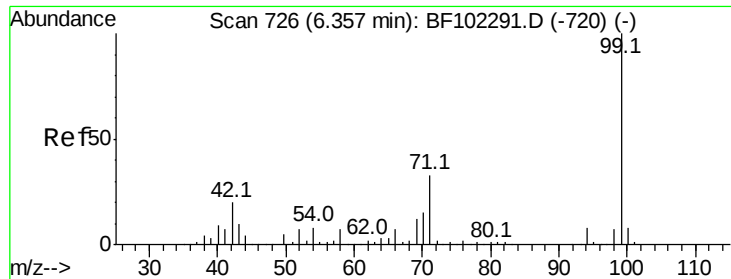
2-Fluorophenol
Concen: 1.640 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:112 Resp: 14721
Ion Ratio Lower Upper
112 100
64 51.3 47.9 71.9
63 27.3 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: 2.060 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampled :

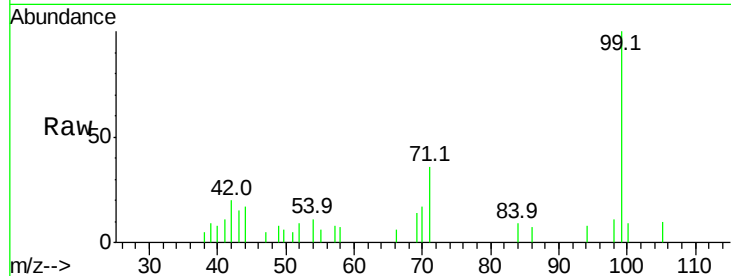
Tot Ion: 99 Resp: 22290

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

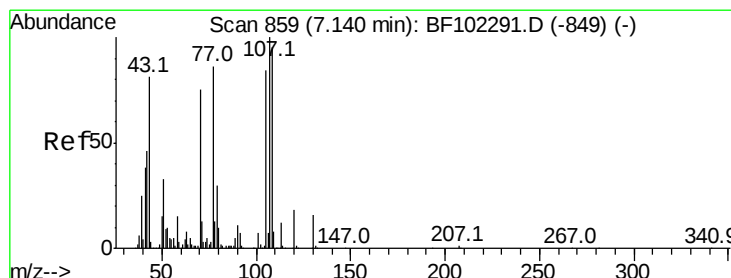
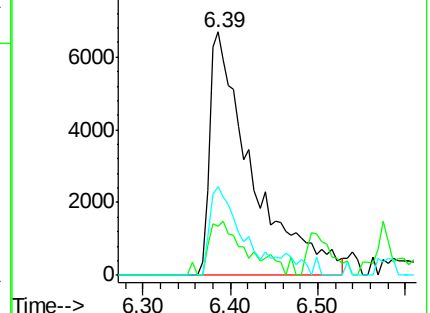
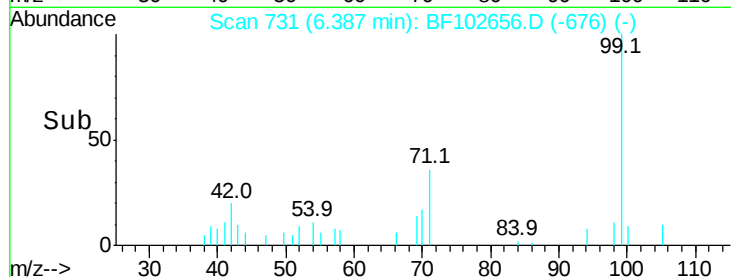
71 36.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.317 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Tgt Ion: 70 Resp: 21972

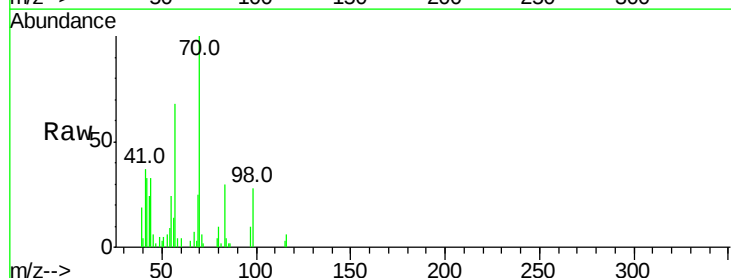
Ion Ratio Lower Upper

70 100

42 32.9 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

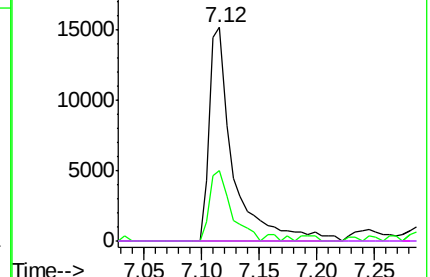
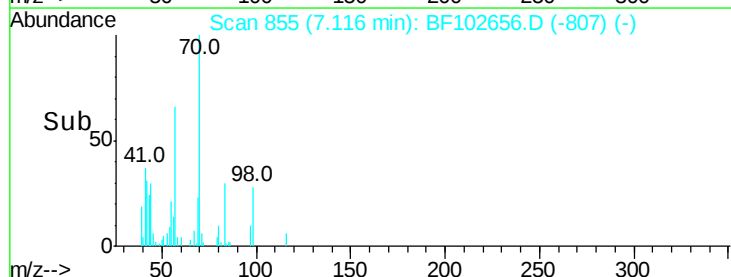


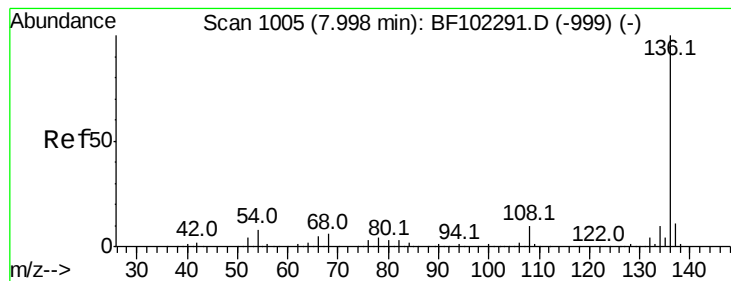
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 578934

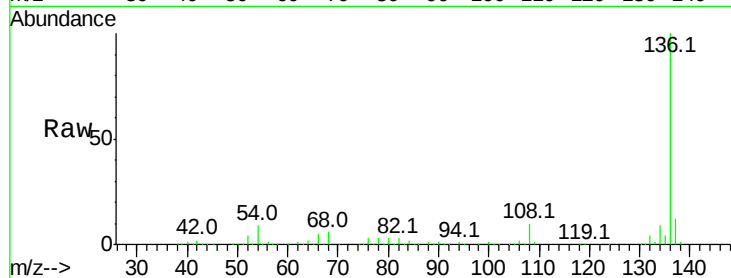
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.6 6.6 9.8

68 6.2 5.0 7.4

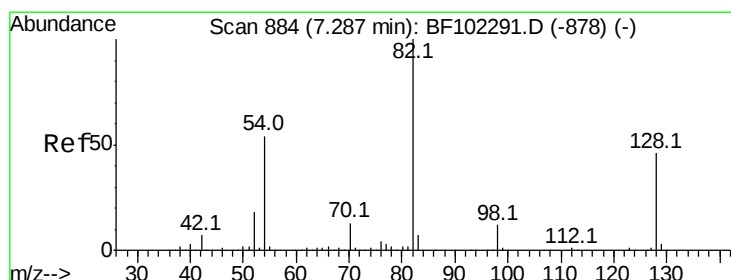
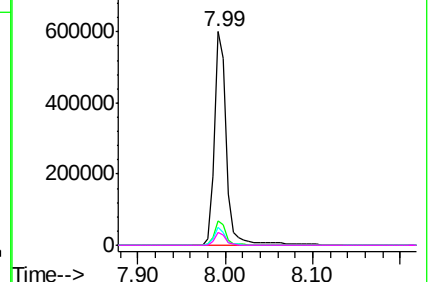
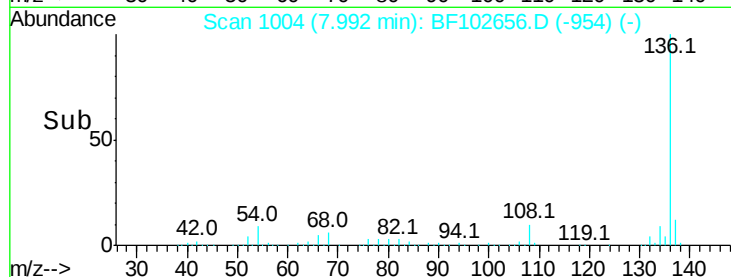


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.245 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

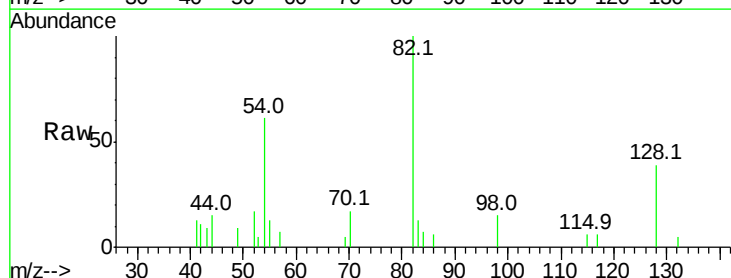
Tgt Ion: 82 Resp: 12546

Ion Ratio Lower Upper

82 100

128 39.0 36.1 54.1

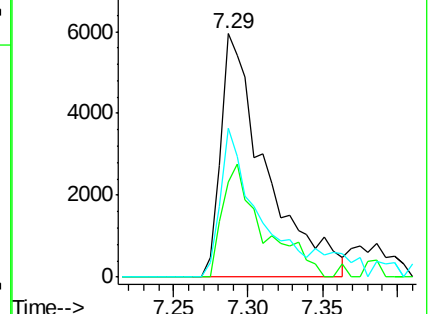
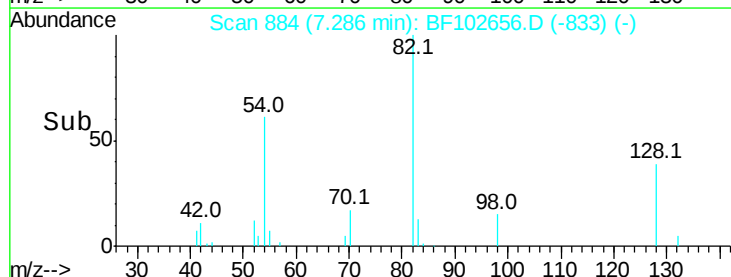
54 61.1 41.4 62.2

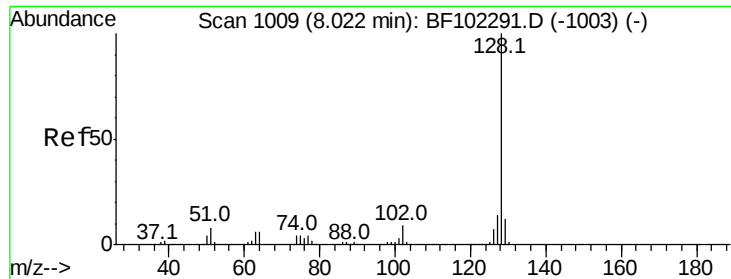


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

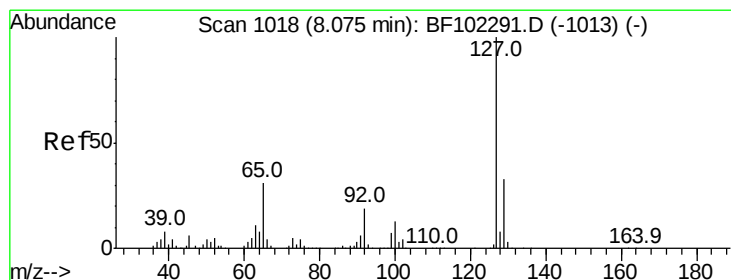
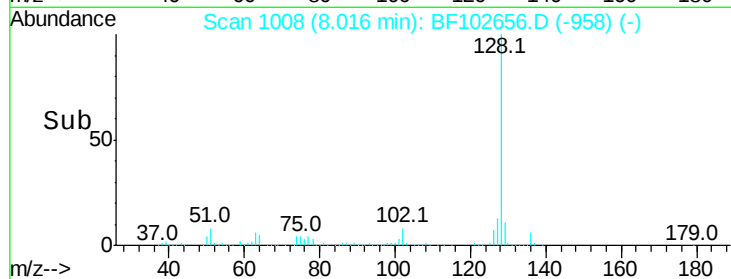
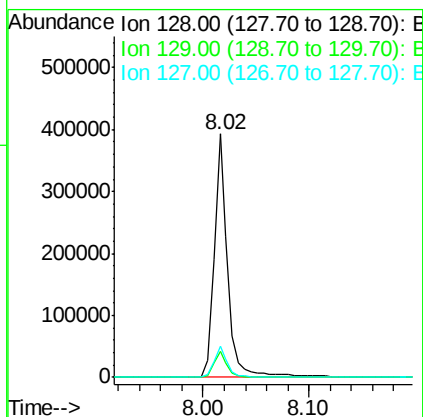
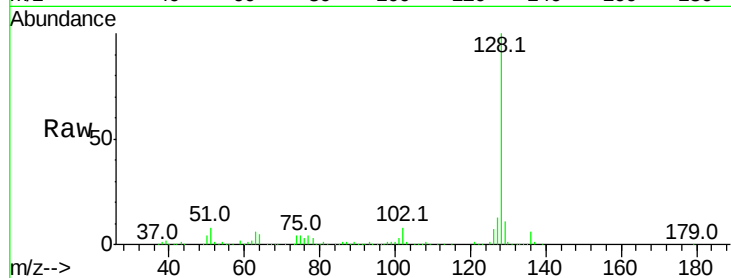




#31
Naphthalene
Concen: 12.252 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

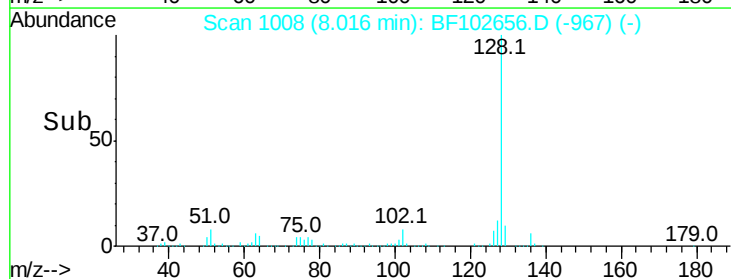
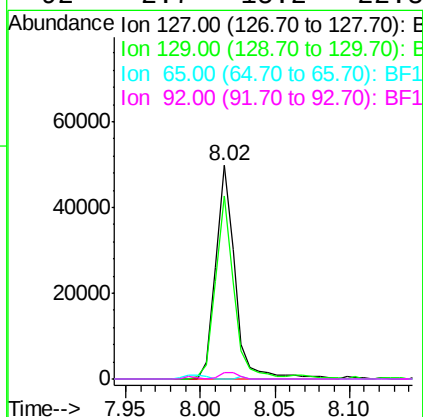
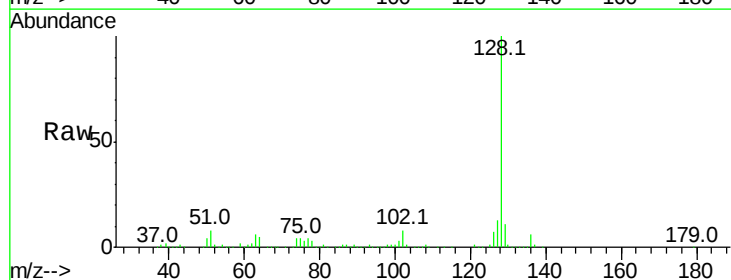
Instrument :
BNA_F
ClientSampled :

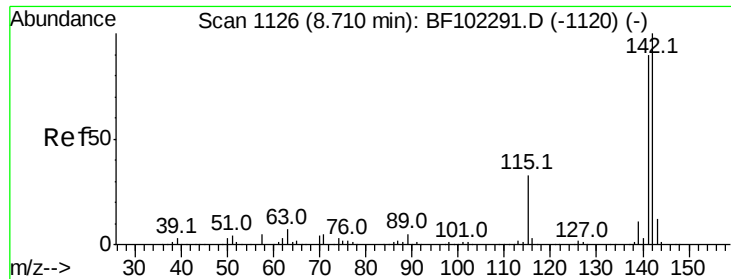
Tot Ion:128 Resp: 354153
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.9 16.3



#33
4-Chloroaniline
Concen: 3.739 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:127 Resp: 45449
Ion Ratio Lower Upper
127 100
129 85.8 25.9 38.9#
65 0.0 25.0 37.4#
92 2.7 15.2 22.8#

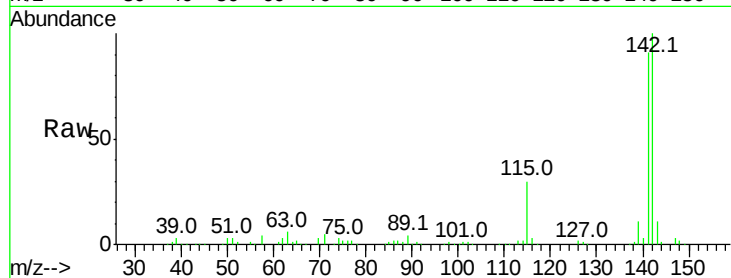




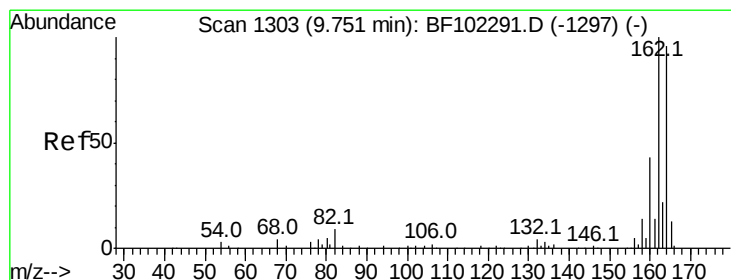
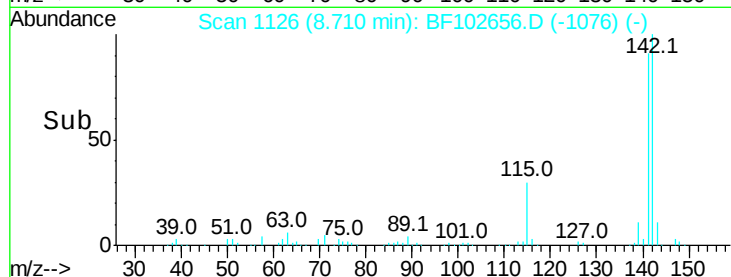
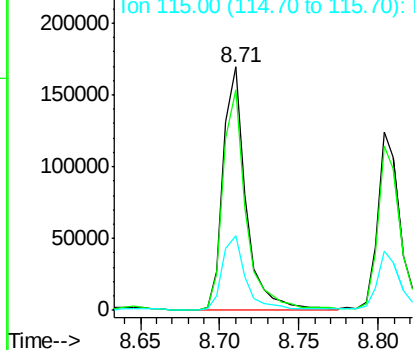
#37
2-Methylnaphthalene
Concen: 8.877 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	30.4	26.1	39.1

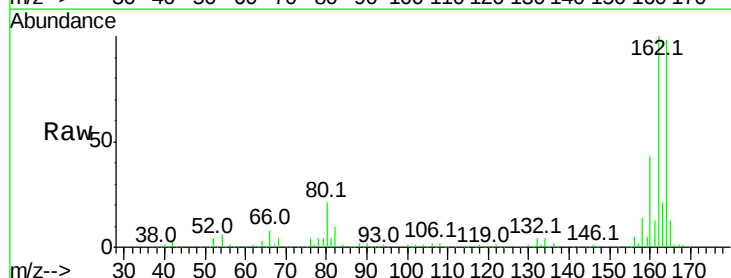


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

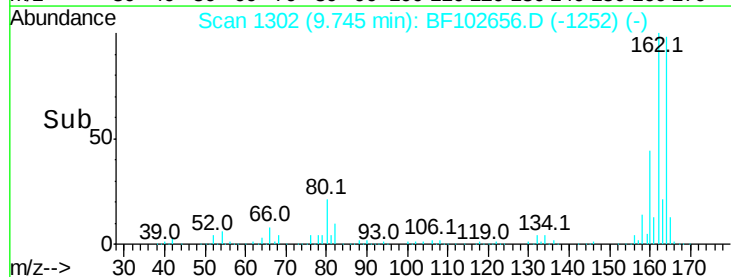
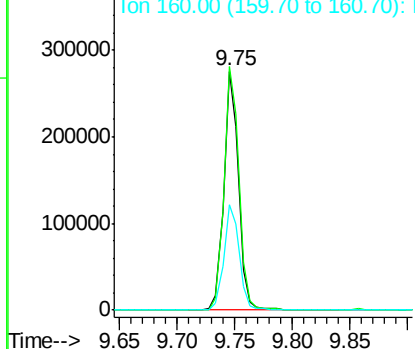


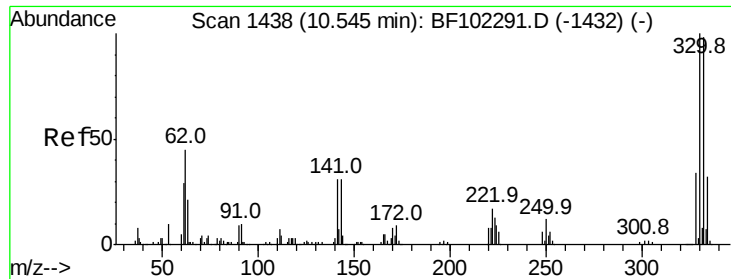
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	44.4	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

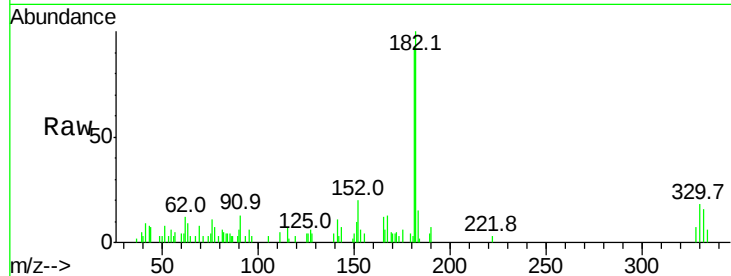




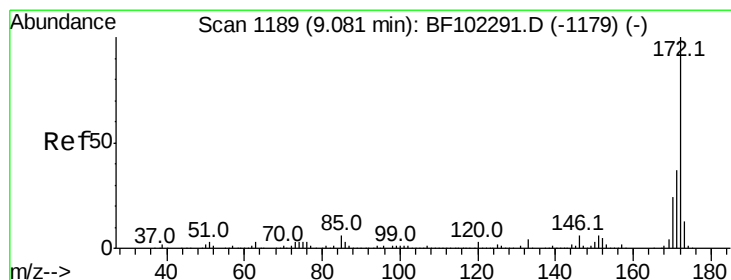
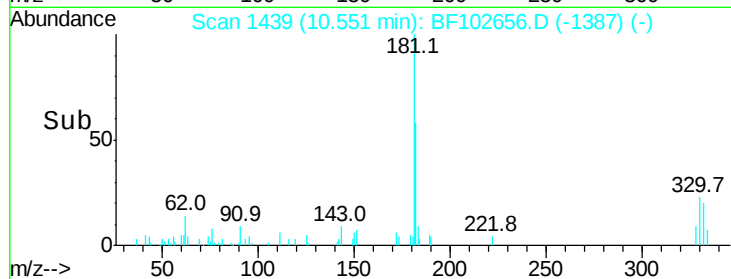
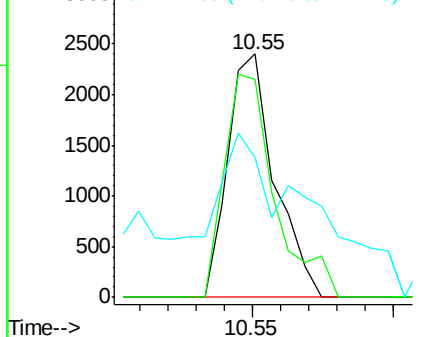
#41
 2,4,6-Tribromophenol
 Concen: 1.145 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102656.D
 Acq: 30 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2771
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 142.5 29.9 44.9#

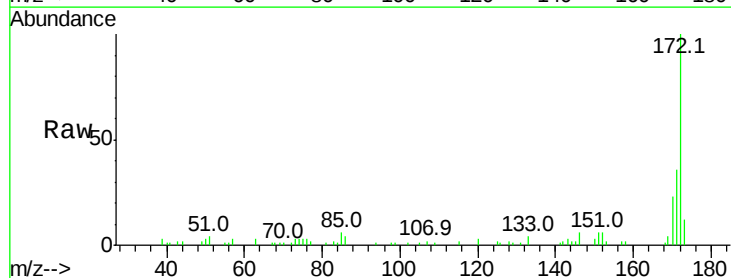


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

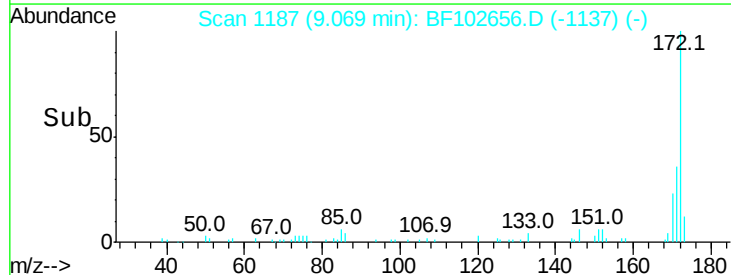
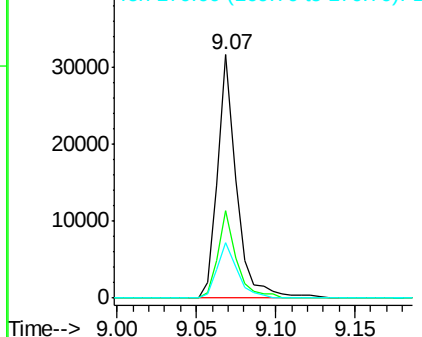


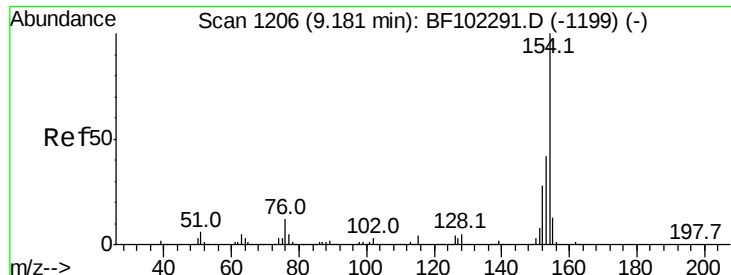
#44
 2-Fluorobiphenyl
 Concen: 1.589 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102656.D
 Acq: 30 Jan 2018 22:51

Tgt Ion:172 Resp: 26398
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 22.7 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





#45

1,1'-Biphenyl

Concen: 2.737 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

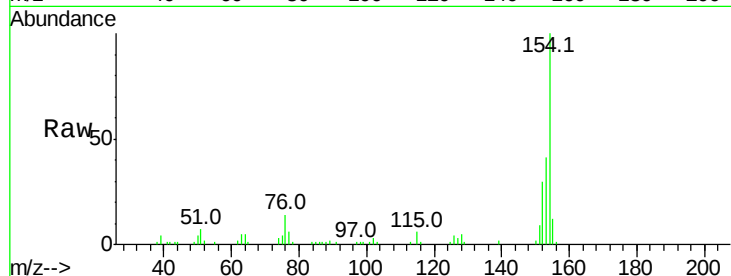
Tot Ion:154 Resp: 59773

Ion Ratio Lower Upper

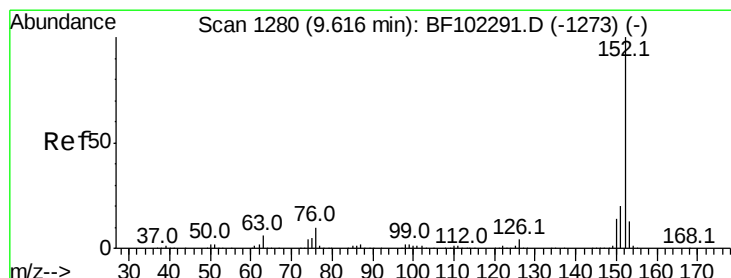
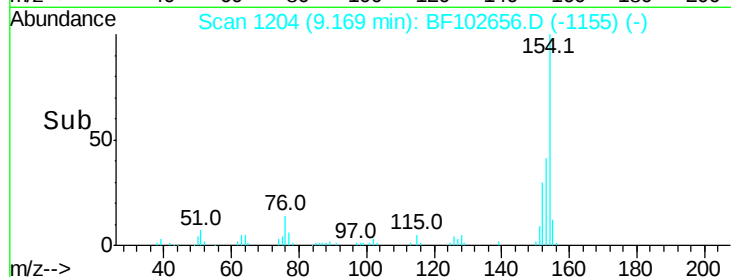
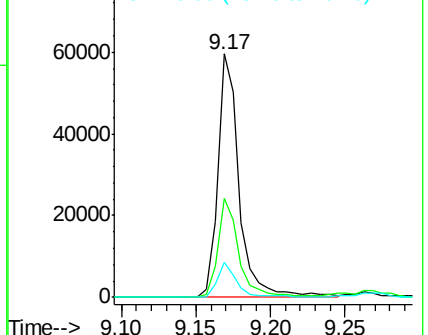
154 100

153 40.5 21.3 61.3

76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 9.213 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

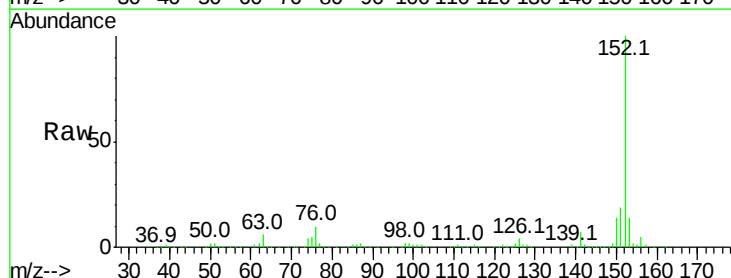
Tgt Ion:152 Resp: 243661

Ion Ratio Lower Upper

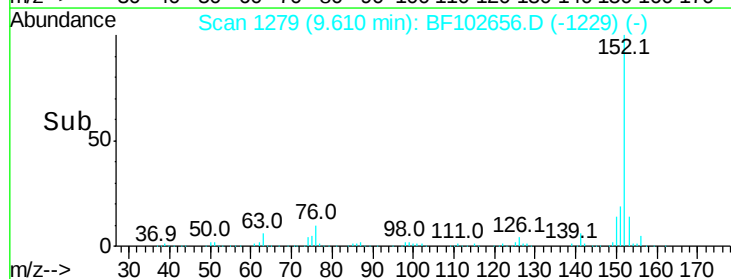
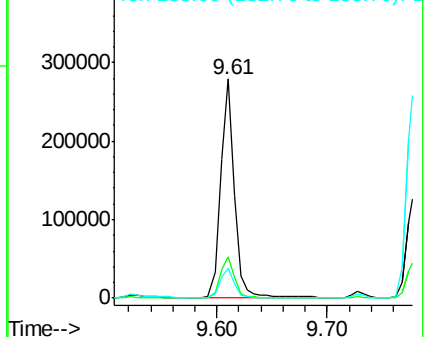
152 100

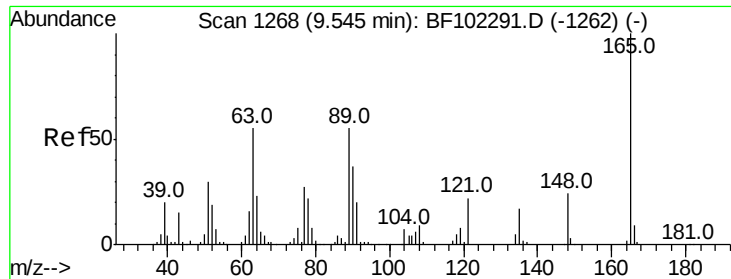
151 18.8 16.3 24.5

153 13.6 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

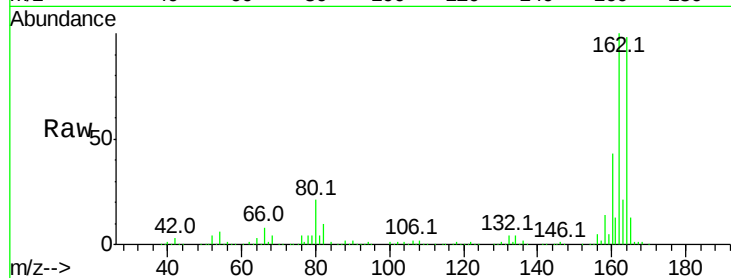




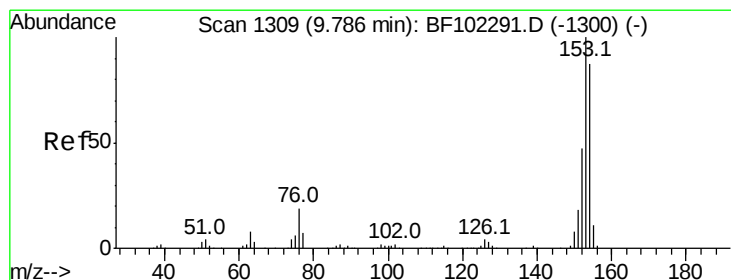
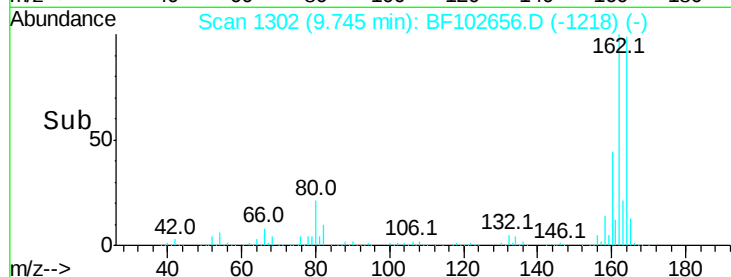
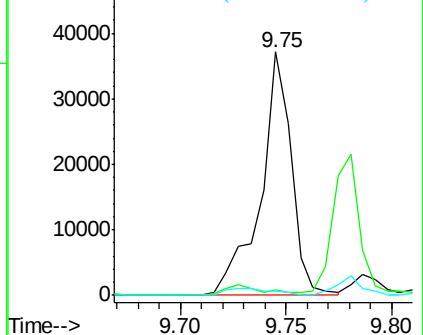
#50
 2,6-Dinitrotoluene
 Concen: 8.637 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102656.D
 Acq: 30 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 37592
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.7 67.1#
 89 1.9 44.0 66.0#

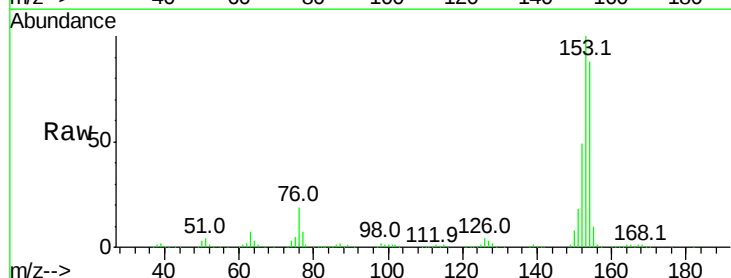


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

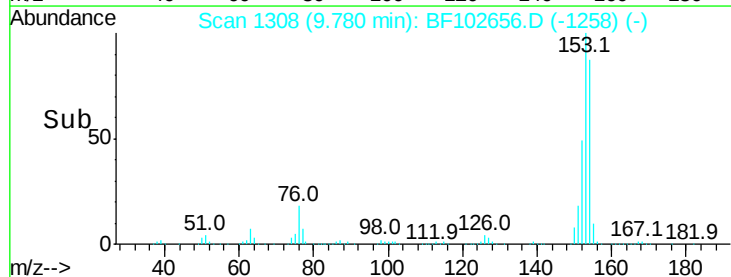
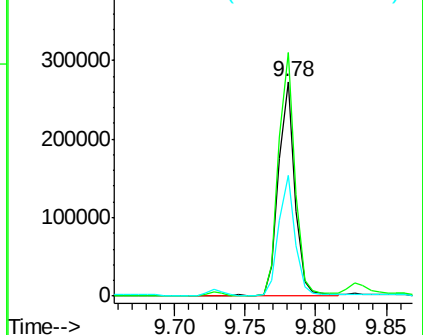


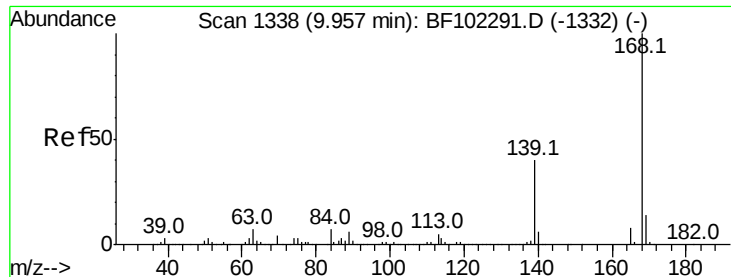
#51
 Acenaphthene
 Concen: 14.443 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF102656.D
 Acq: 30 Jan 2018 22:51

Tgt Ion:154 Resp: 223091
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.2 136.8
 152 56.1 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

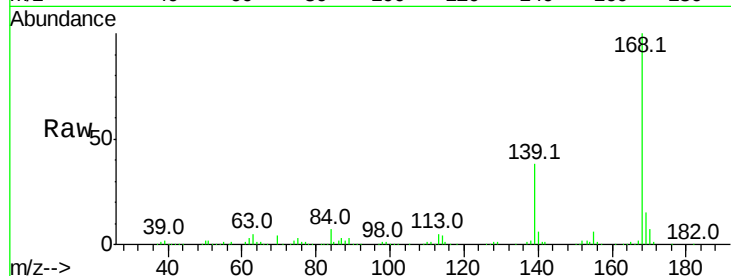




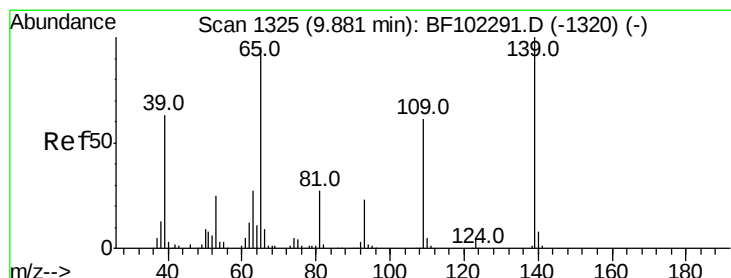
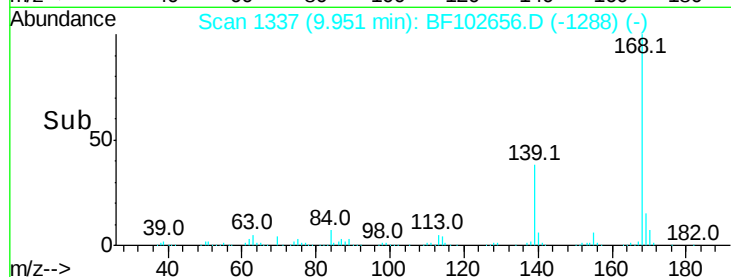
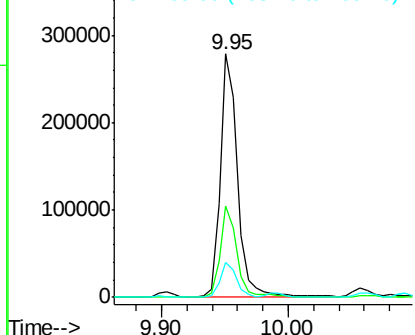
#54
Dibenzofuran
Concen: 12.530 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 261924
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 14.5 10.9 16.3

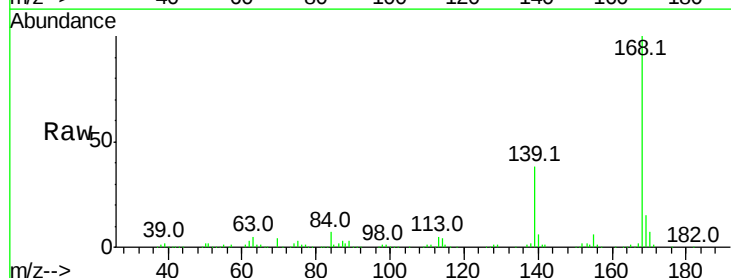


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

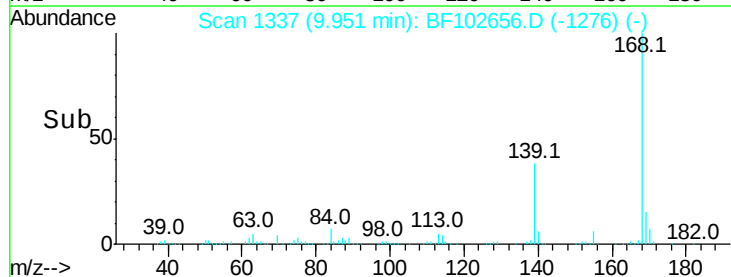
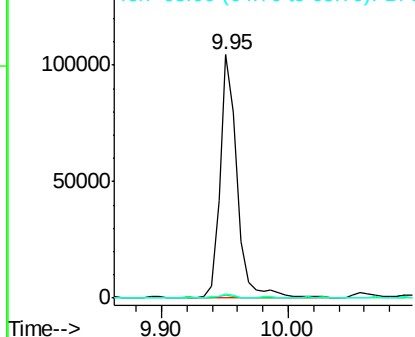


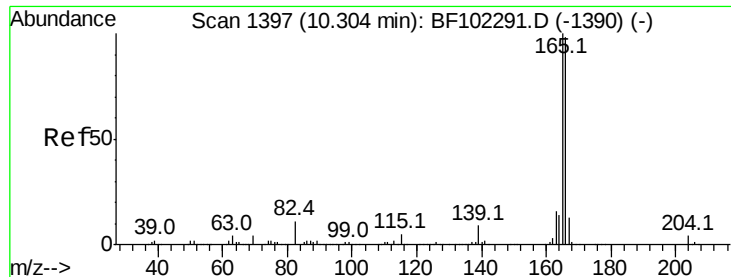
#55
4-Nitrophenol
Concen: 29.225 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:139 Resp: 99333
Ion Ratio Lower Upper
139 100
109 1.0 48.4 88.4#
65 1.7 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: 23.652 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

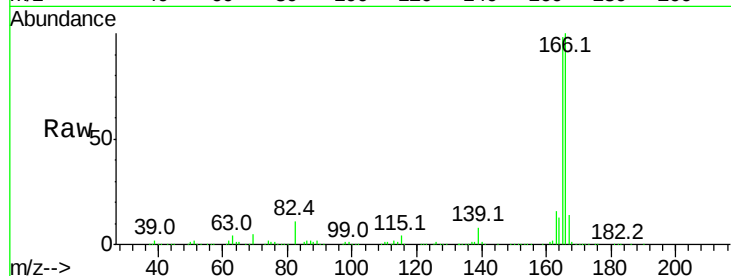
Tot Ion:166 Resp: 391773

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

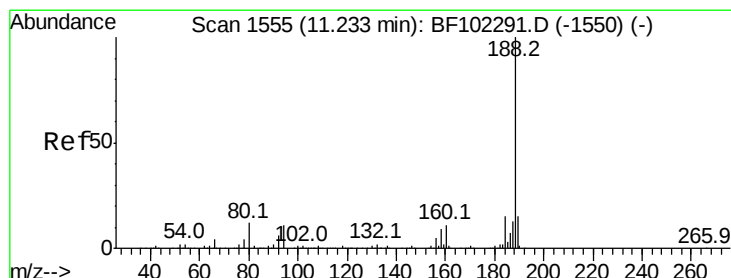
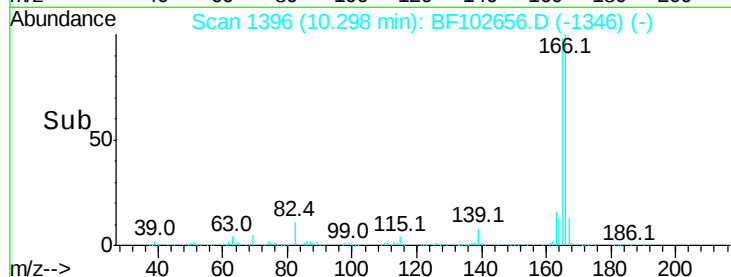
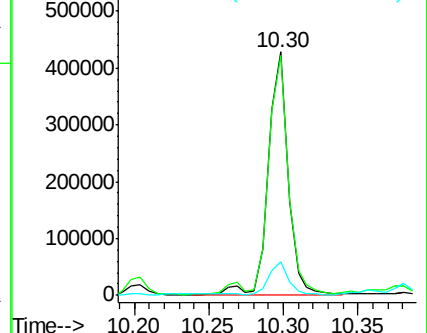
167 13.7 10.6 16.0



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

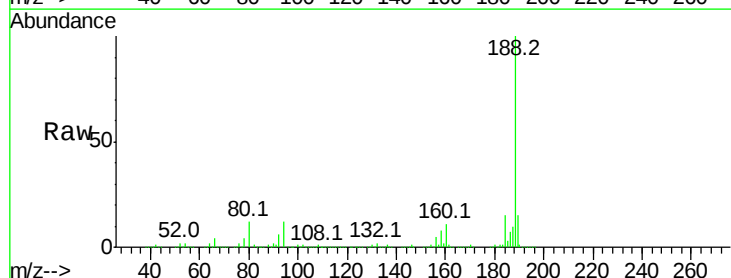
Tgt Ion:188 Resp: 357144

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

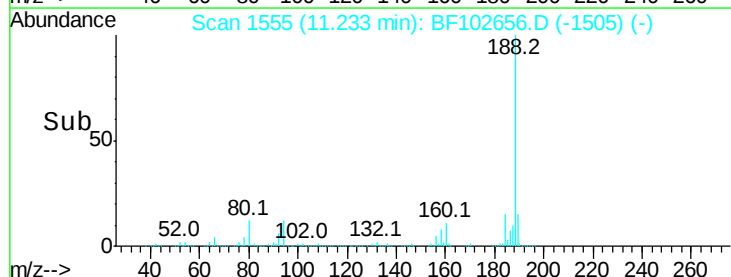
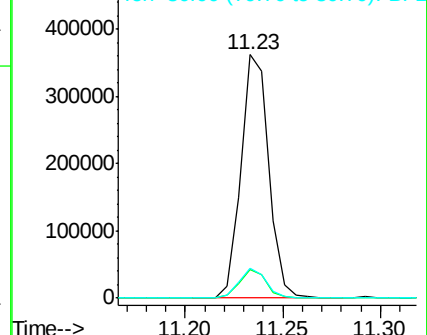
80 12.3 9.2 13.8

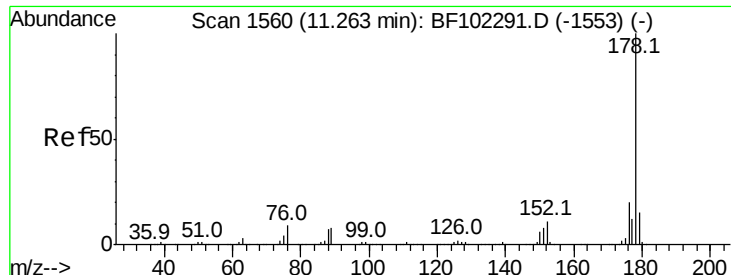


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

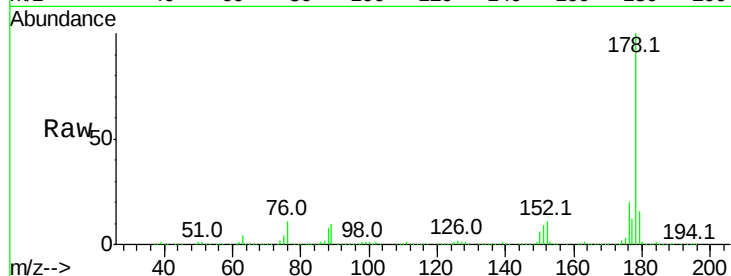




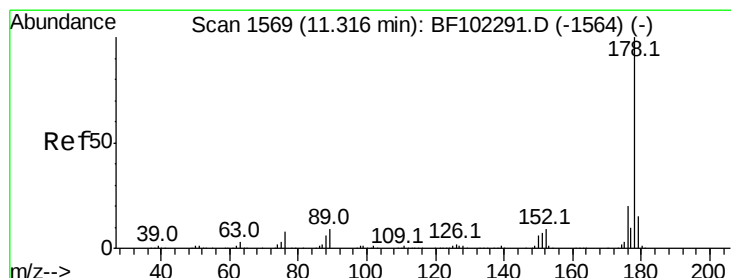
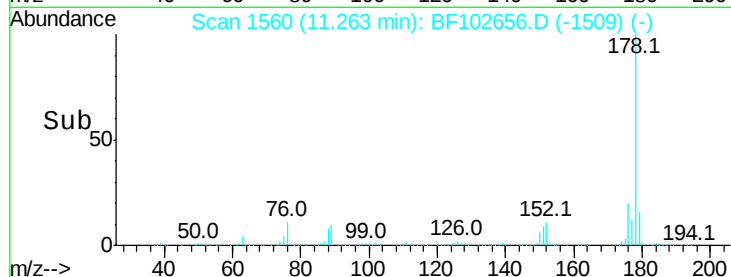
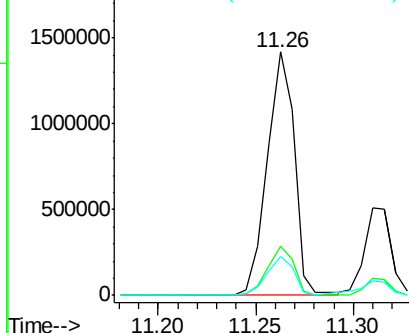
#70
Phenanthrene
Concen: 66.032 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1374229
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.9 13.0 19.6

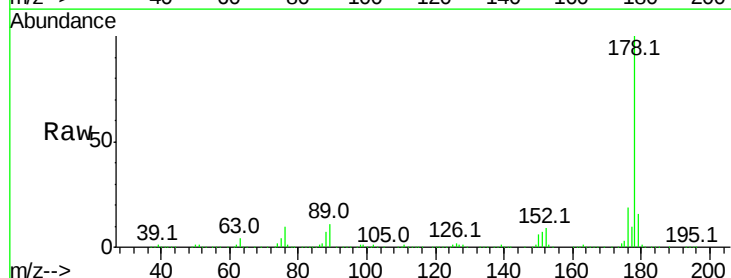


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

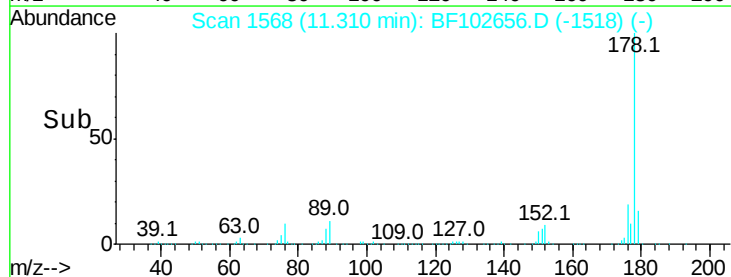
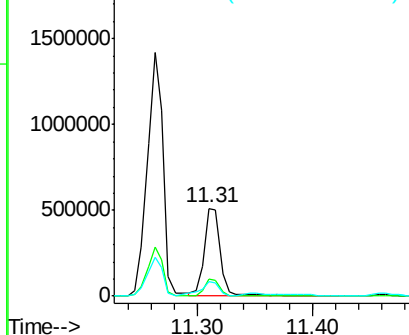


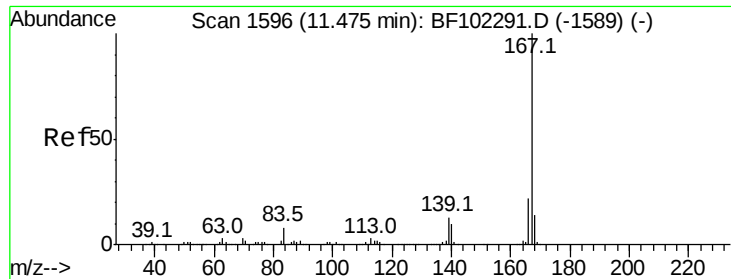
#71
Anthracene
Concen: 23.776 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:178 Resp: 505059
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.142 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

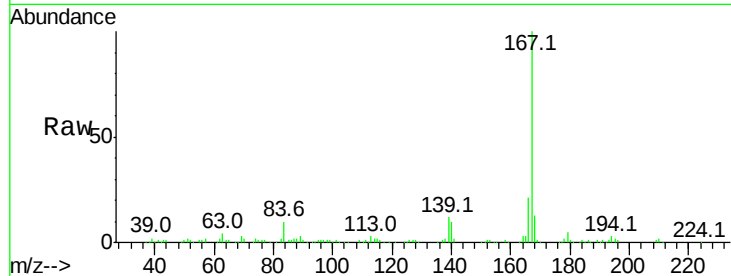
Tot Ion:167 Resp: 127276

Ion Ratio Lower Upper

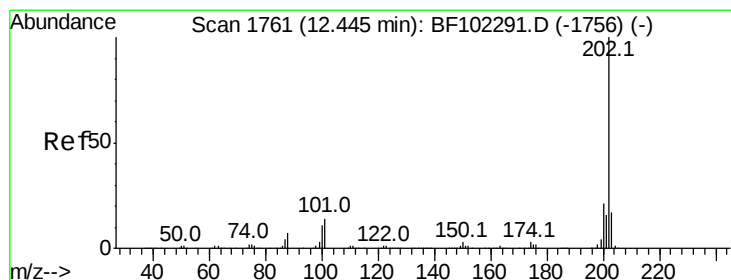
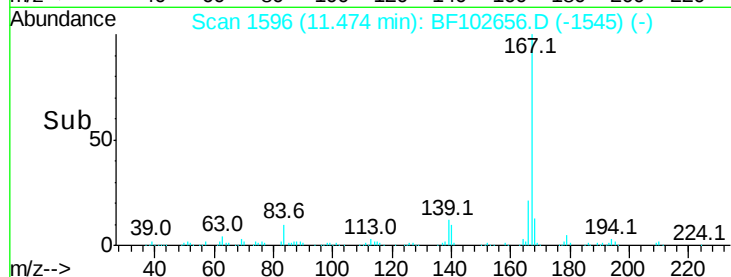
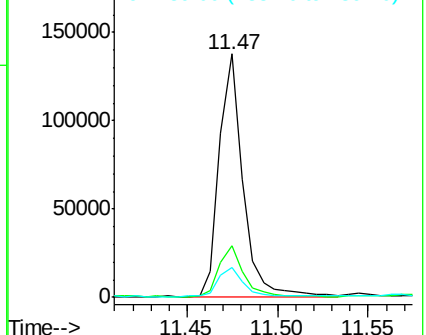
167 100

166 21.4 17.6 26.4

139 12.1 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: 55.878 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

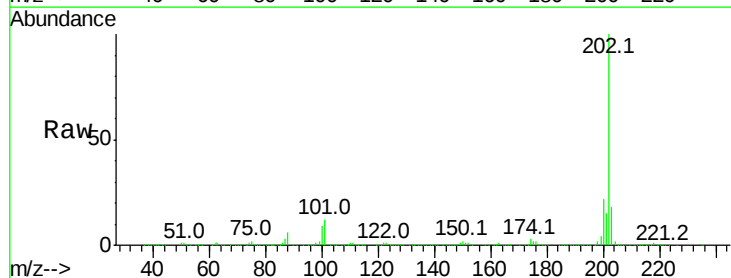
Tgt Ion:202 Resp: 1185893

Ion Ratio Lower Upper

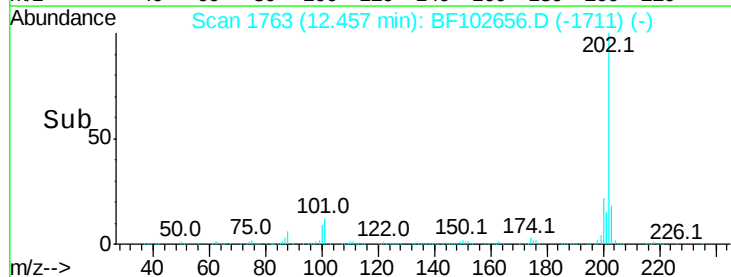
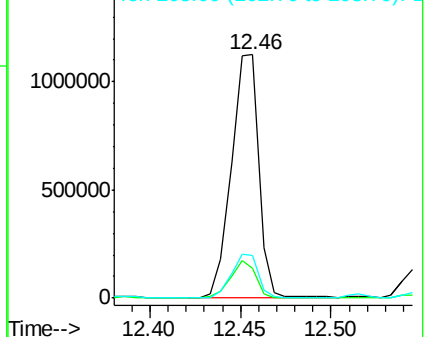
202 100

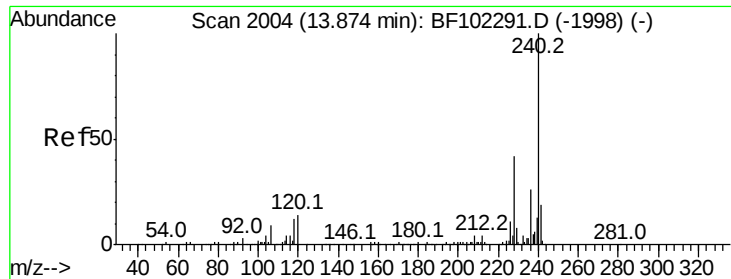
101 12.1 0.0 34.1

203 17.8 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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

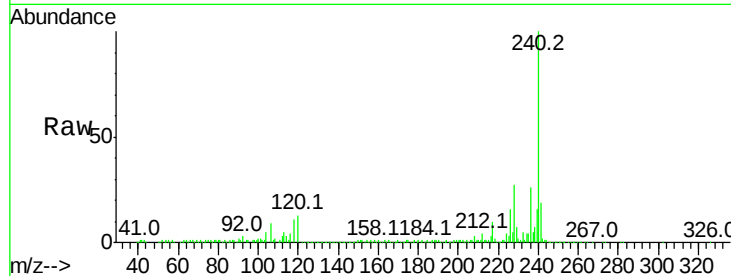
Tot Ion:240 Resp: 262994

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

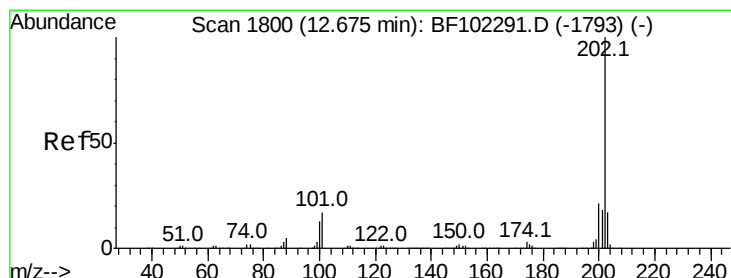
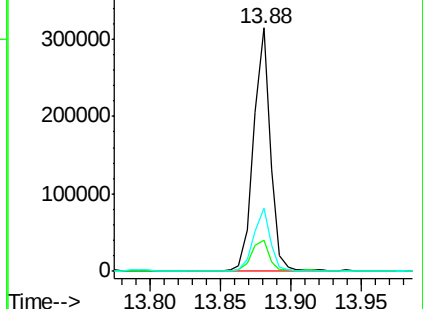
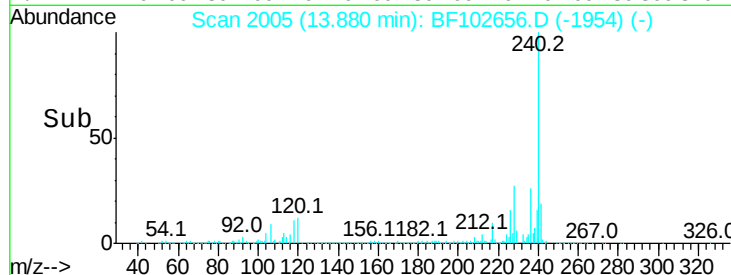
236 26.0 20.7 31.1



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: 52.092 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

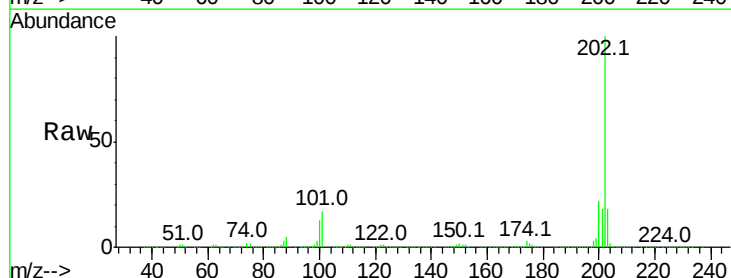
Tgt Ion:202 Resp: 1059235

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

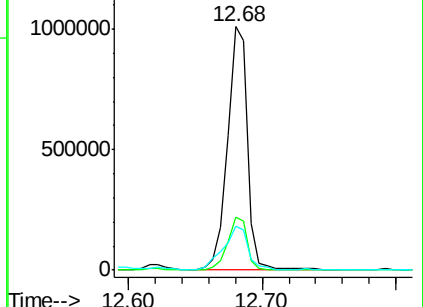
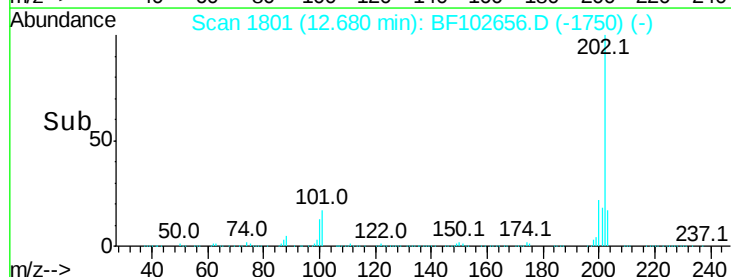
203 18.0 14.3 21.5

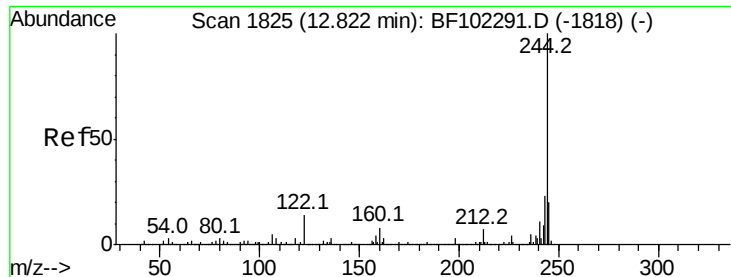


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.646 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampled :

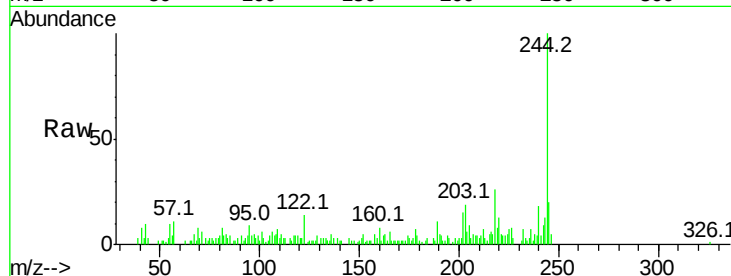
Tot Ion:244 Resp: 19206

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

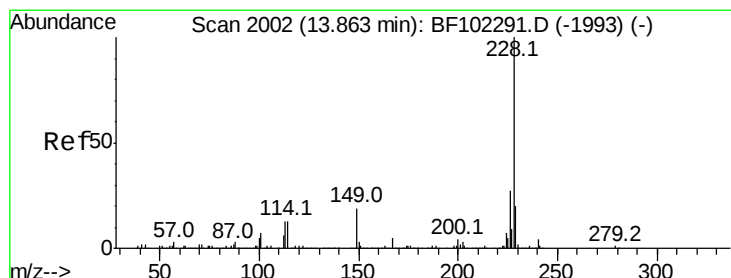
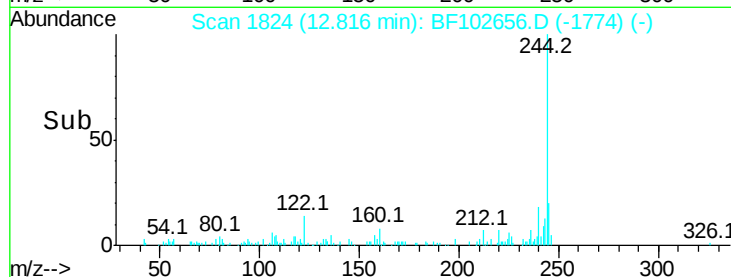
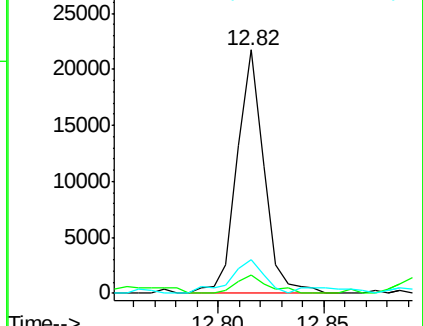
122 13.9 11.0 16.4



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: 23.008 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

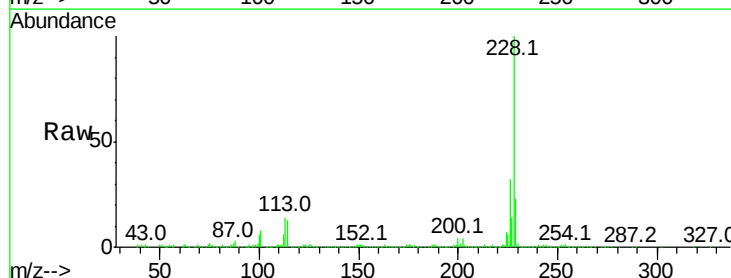
Tgt Ion:228 Resp: 372543

Ion Ratio Lower Upper

228 100

226 32.0 22.6 33.8

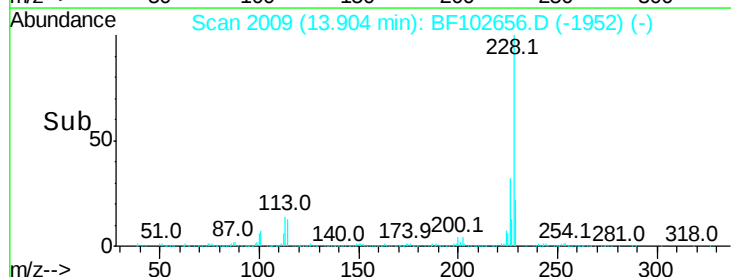
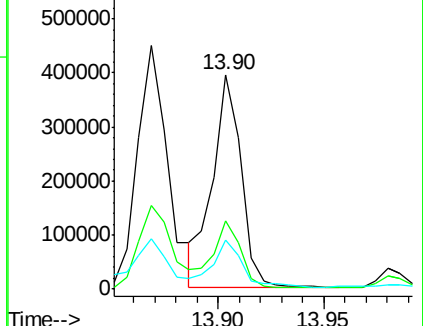
229 22.6 15.8 23.6

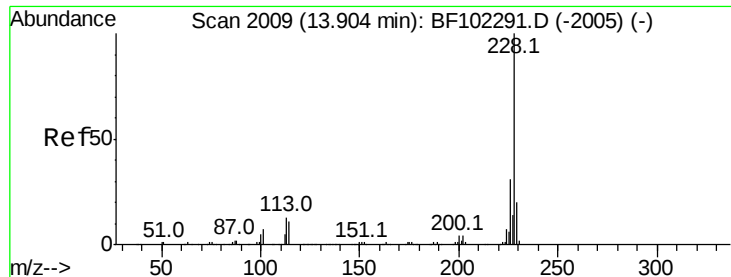


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

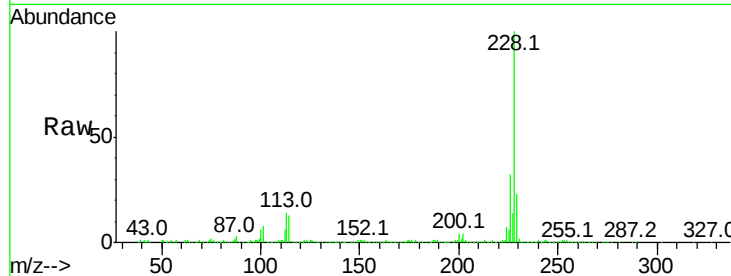




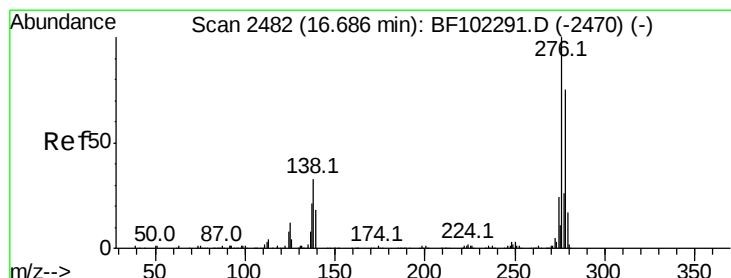
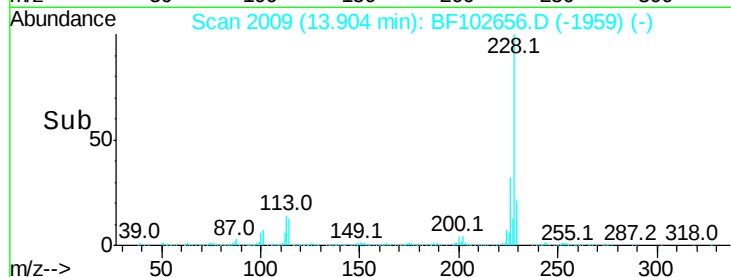
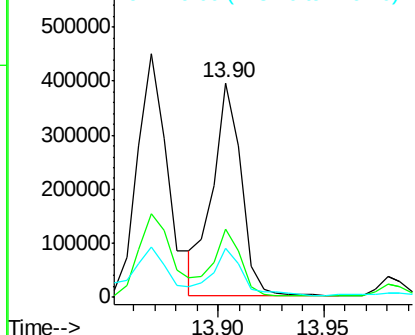
#82
Chrysene
Concen: 22.657 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 372543
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.6
229 22.6 16.2 24.4

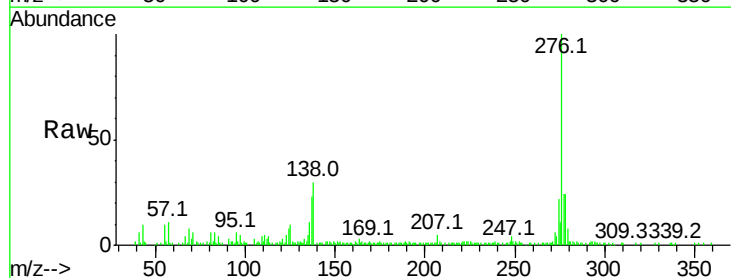


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

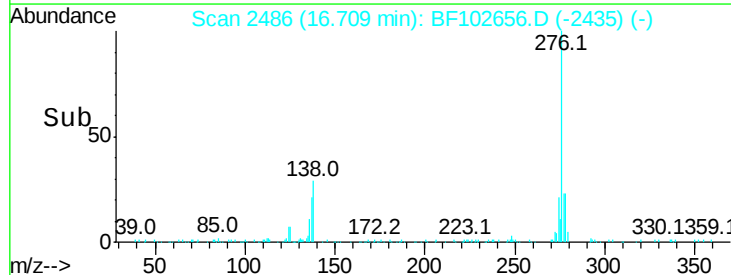
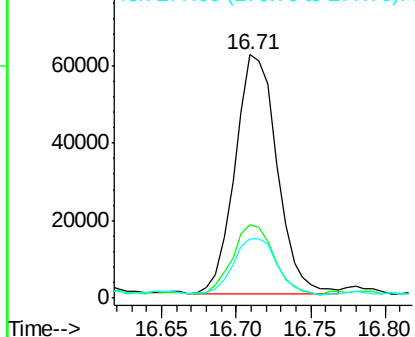


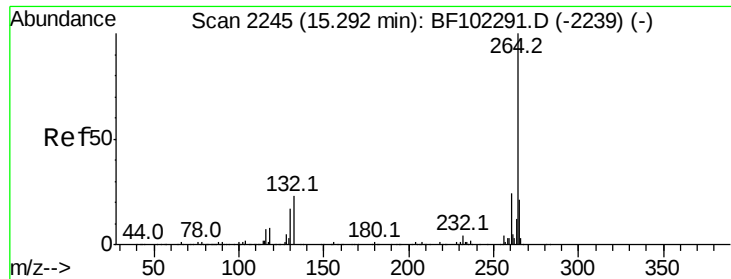
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.880 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:276 Resp: 120580
Ion Ratio Lower Upper
276 100
138 28.8 25.0 37.6
277 24.6 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

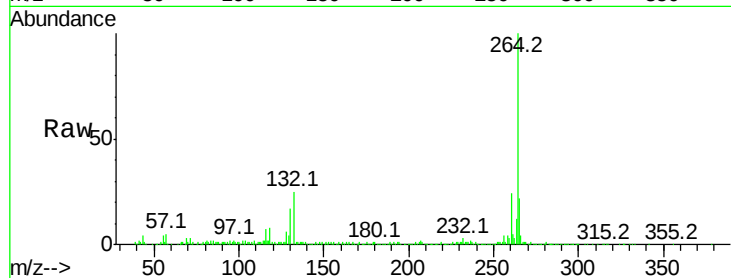




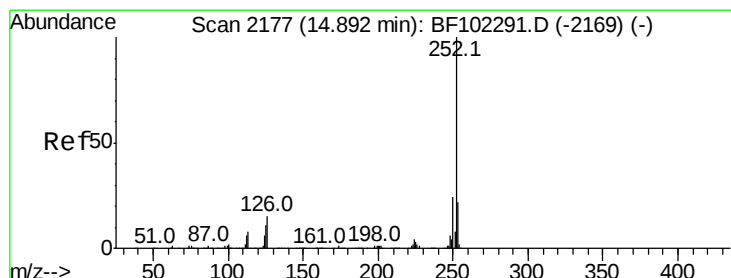
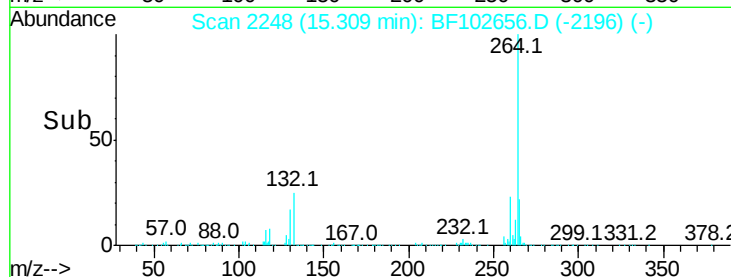
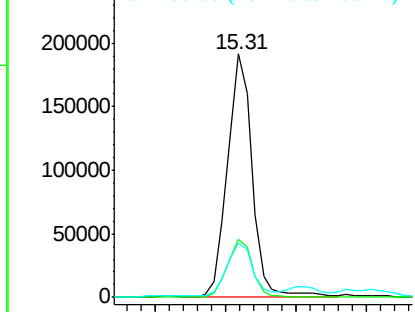
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 232311
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.5 17.5 26.3

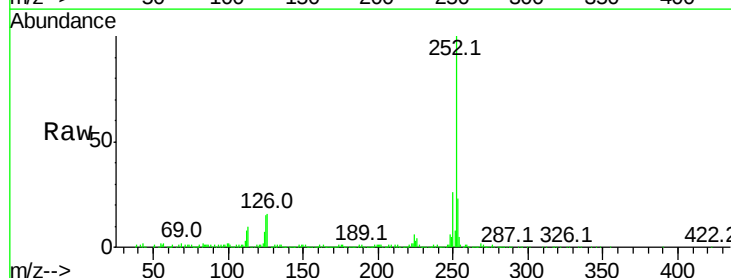


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

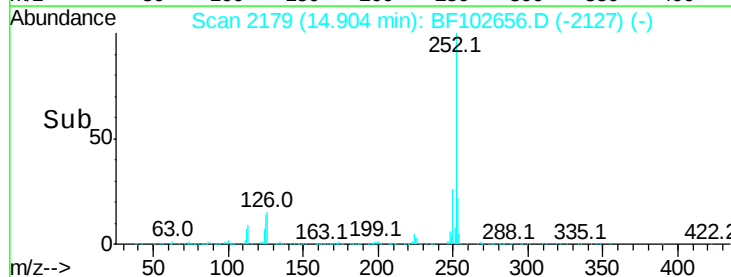
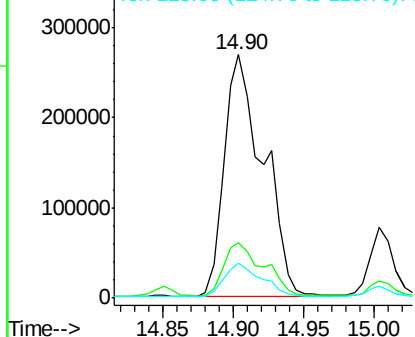


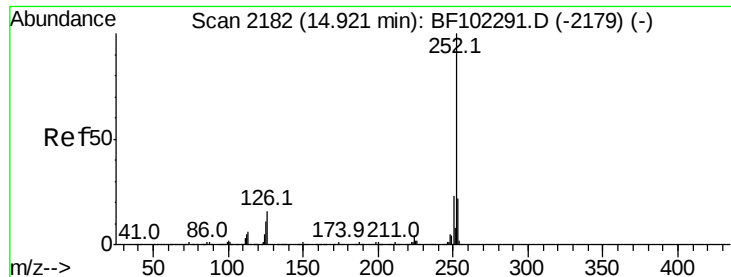
#87
Benzo(b)fluoranthene
Concen: 34.620 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion:252 Resp: 521287
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 14.6 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

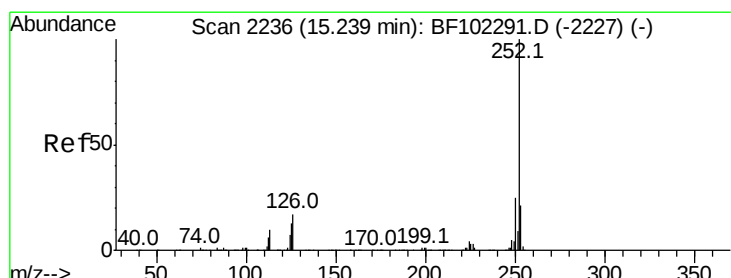
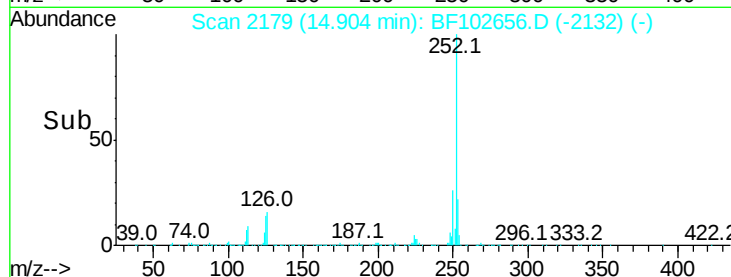
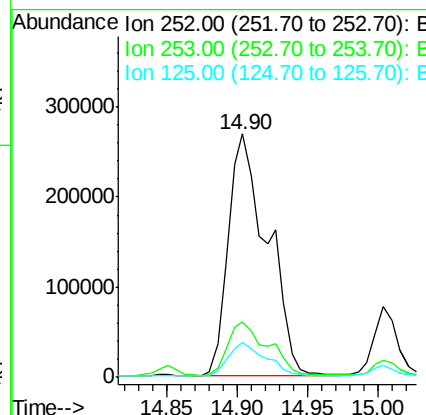
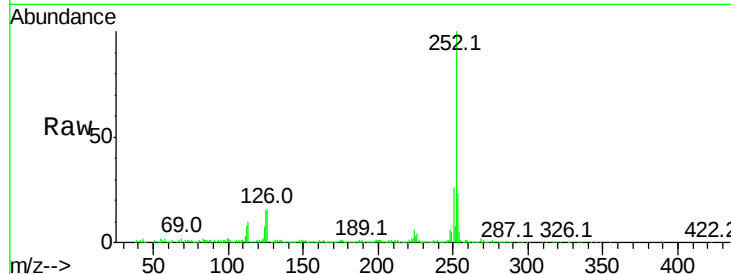




#88
Benzo(k)fluoranthene
Concen: 36.644 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

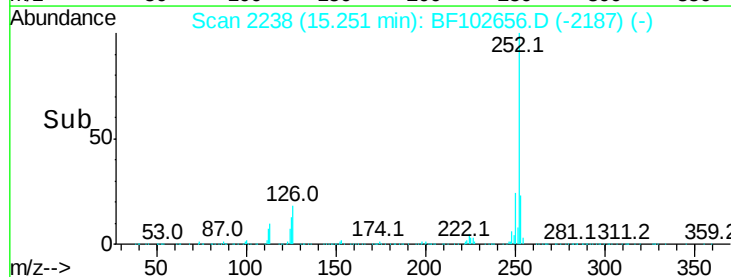
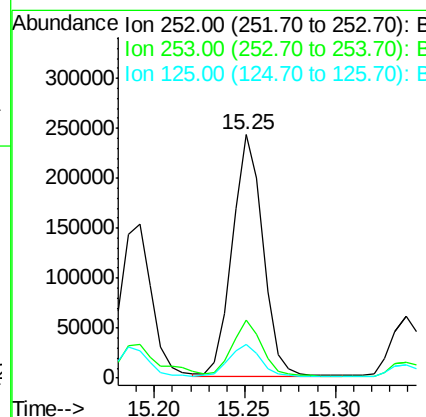
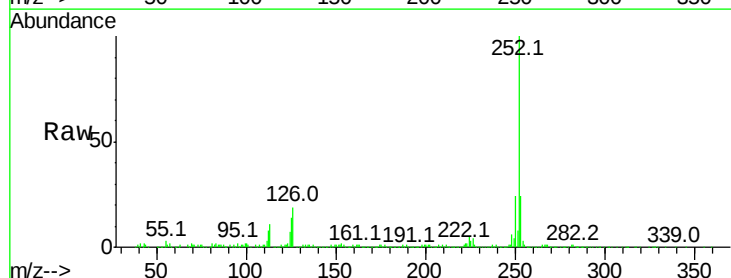
Instrument :
BNA_F
ClientSampleId :

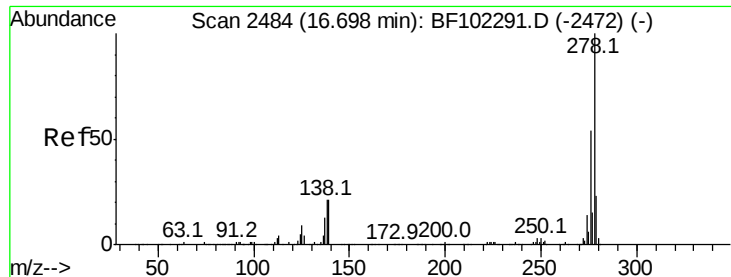
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 21.083 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF102656.D
Acq: 30 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	14.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.947 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

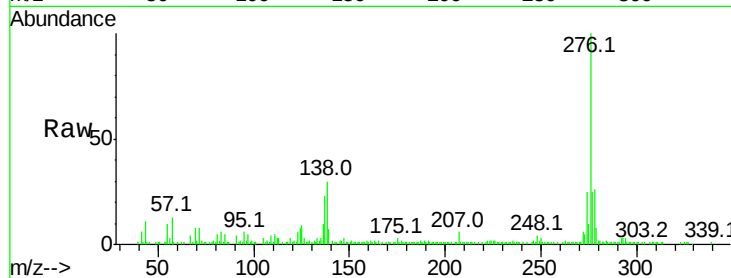
Tot Ion:278 Resp: 32419

Ion Ratio Lower Upper

278 100

139 28.7 15.9 23.9#

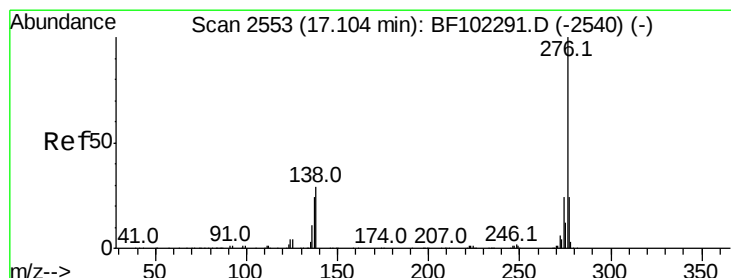
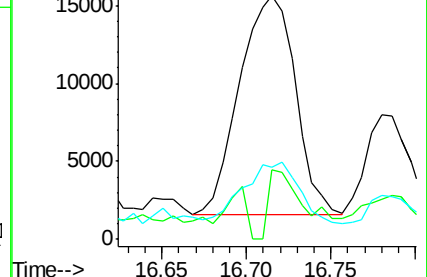
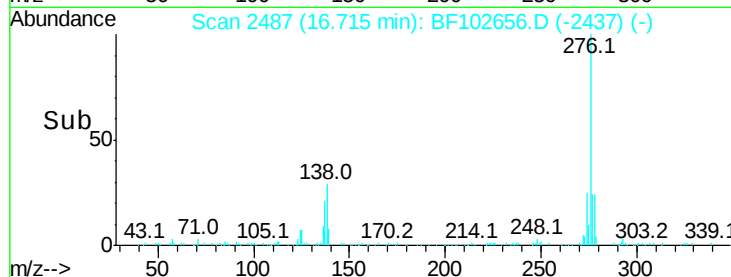
279 29.8 19.0 28.4#



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: 10.820 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102656.D

Acq: 30 Jan 2018 22:51

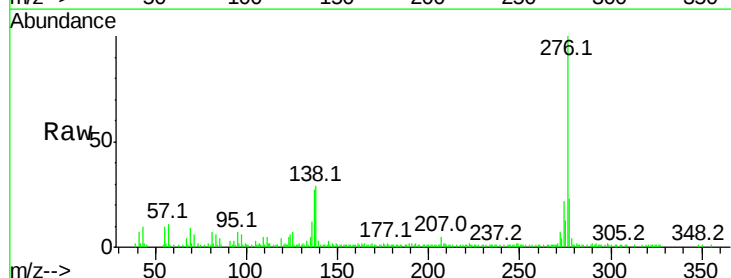
Tgt Ion:276 Resp: 117527

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 28.8 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

