

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102565.D
 Acq On : 28 Jan 2018 18:49
 Operator : SJ/JU
 Sample : J1290-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:17:13 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	152990	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	630860	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	271053	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	435267	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268428	20.00	ng	0.00
86) Perylene-d12	15.30	264	282379	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1051191	104.18	ng	0.00
7) Phenol-d6	6.36	99	1267740	104.22	ng	0.00
23) Nitrobenzene-d5	7.28	82	781855	71.22	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	241874	90.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1241491	67.35	ng	0.00
78) Terphenyl-d14	12.82	244	900301	75.61	ng	0.00

Target Compounds

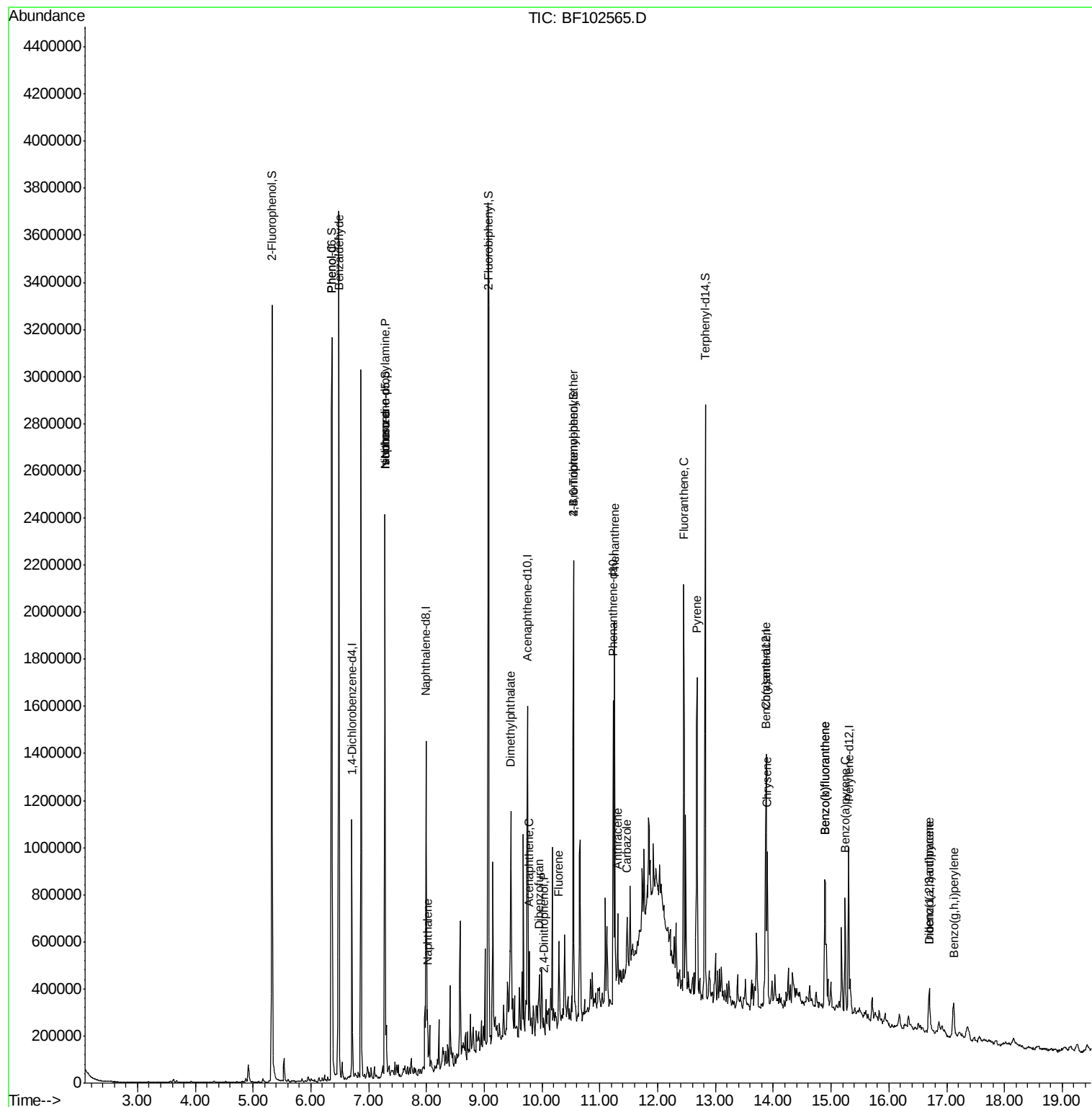
						Qvalue
9) Benzaldehyde	6.49	77	21555	2.566	ng	93
10) Phenol	6.37	94	67829	5.108	ng	87
19) n-Nitroso-di-n-propylamine	7.28	70	102354	13.749	ng	# 79
25) Isophorone	7.28	82	778871	39.798	ng	# 64
31) Naphthalene	8.02	128	85215	2.705	ng	99
49) Dimethylphthalate	9.46	163	177245	7.911	ng	99
51) Acenaphthene	9.78	154	57810	3.373	ng	98
53) 2,4-Dinitrophenol	10.03	184	710	4.008	ng	# 27
54) Dibenzofuran	9.95	168	55006	2.371	ng	# 92
57) Fluorene	10.29	166	83157	4.524	ng	99
66) 4-Bromophenyl-phenylether	10.54	248	16379	3.496	ng	# 1
70) Phenanthrene	11.26	178	565735	22.305	ng	99
71) Anthracene	11.31	178	115638	4.467	ng	98
72) Carbazole	11.47	167	72332	2.864	ng	98
74) Fluoranthene	12.45	202	618426	23.910	ng	99
77) Pyrene	12.68	202	550566	26.528	ng	99
80) Benzo(a)anthracene	13.86	228	265788	16.083	ng	99
82) Chrysene	13.90	228	248929	14.833	ng	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	112903	8.146	ng	99
87) Benzo(b)fluoranthene	14.89	252	402067	21.968	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	402067	23.252	ng	98
89) Benzo(a)pyrene	15.24	252	221434	13.415	ng	96
90) Dibenzo(a,h)anthracene	16.69	278	34170	2.555	ng	# 85
91) Benzo(g,h,i)perylene	17.12	276	107011	8.105	ng	96

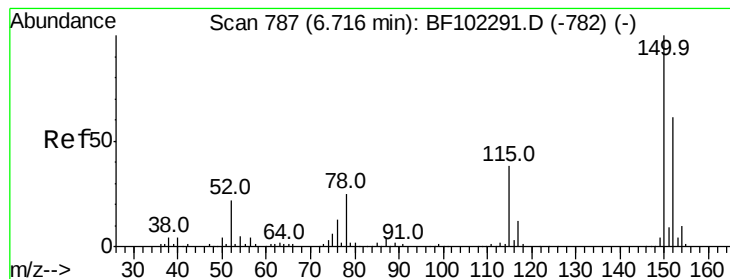
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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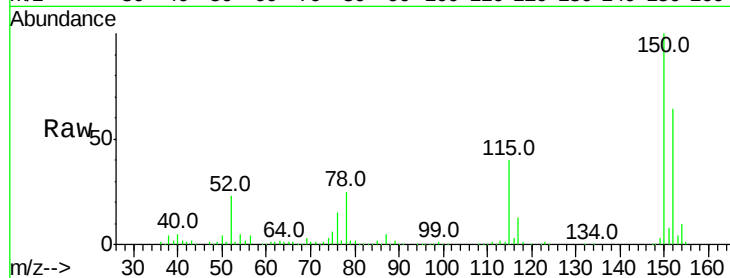


#1

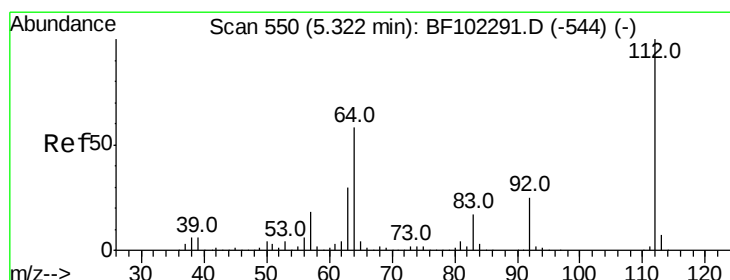
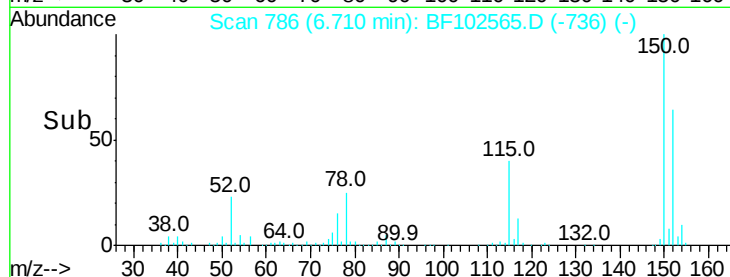
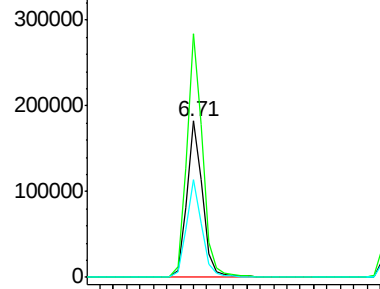
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102565.D
 Acq: 28 Jan 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 152990
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 62.5 50.1 75.1



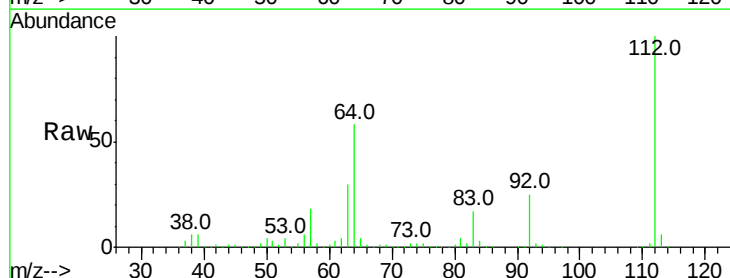
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



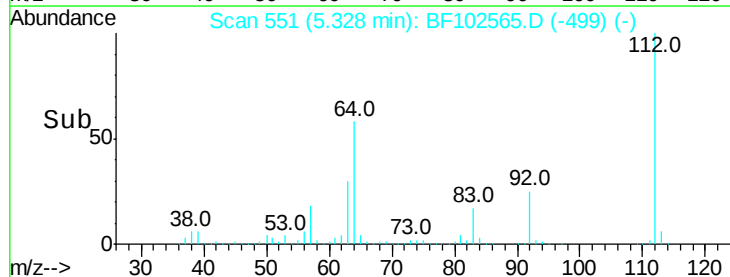
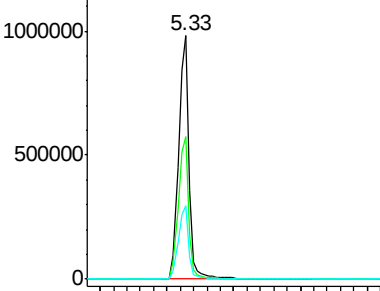
#5

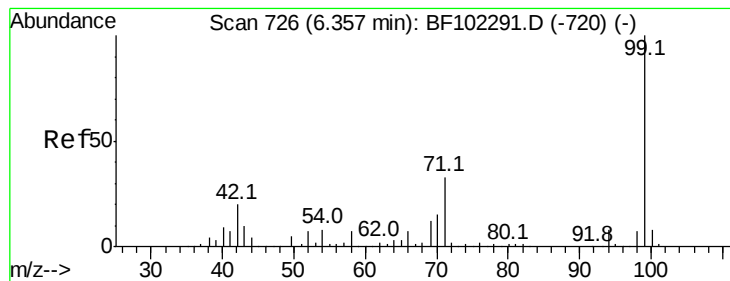
2-Fluorophenol
 Concen: 104.182 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102565.D
 Acq: 28 Jan 2018 18:49

Tgt Ion:112 Resp: 1051191
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 30.2 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: 104.218 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampled :

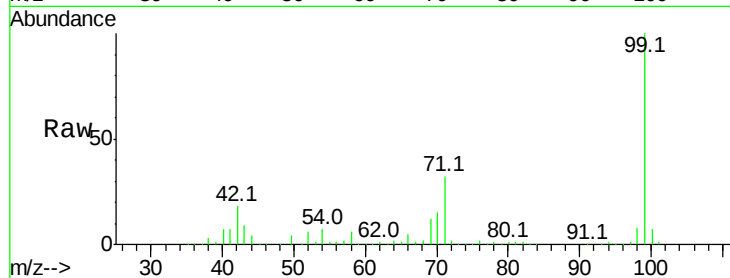
Tot Ion: 99 Resp: 1267740

Ion Ratio Lower Upper

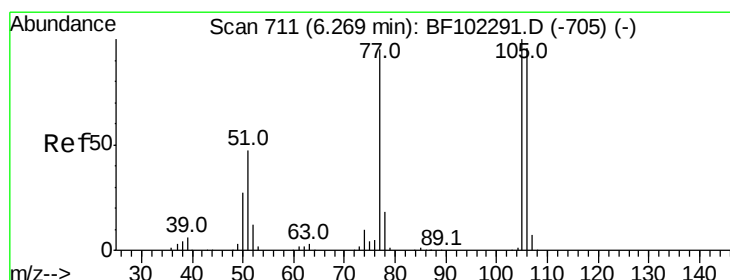
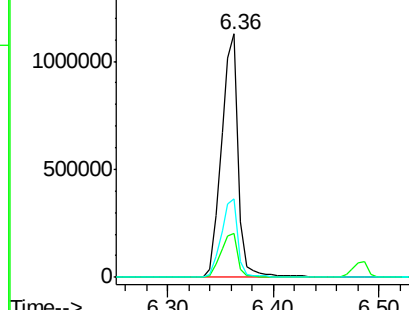
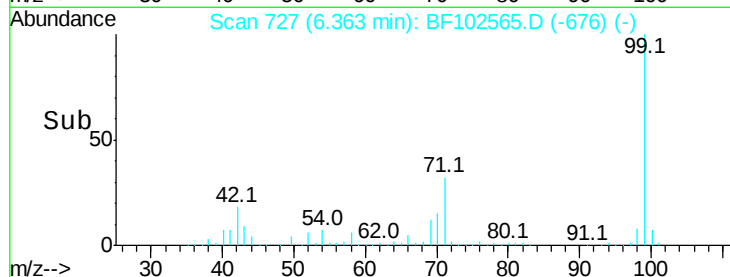
99 100

42 18.3 14.5 21.7

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.566 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

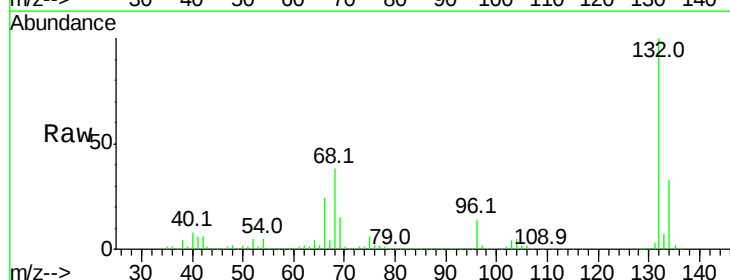
Tgt Ion: 77 Resp: 21555

Ion Ratio Lower Upper

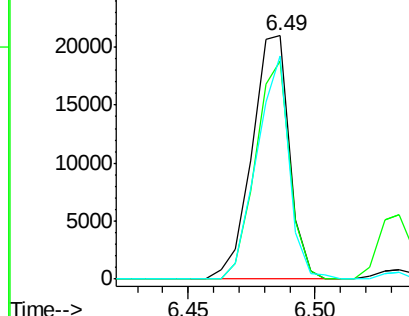
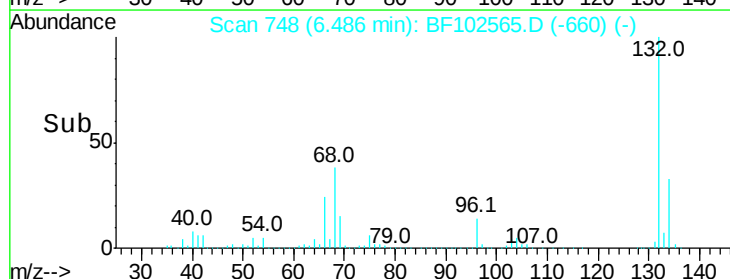
77 100

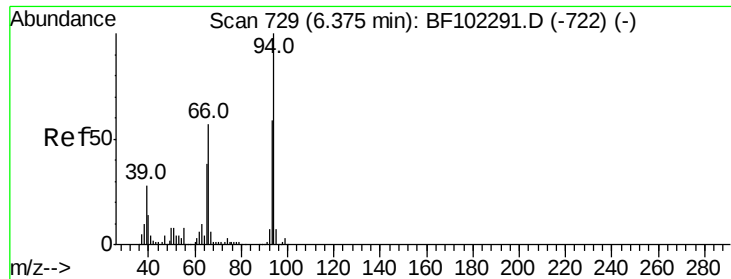
105 89.5 81.1 121.1

106 91.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.108 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

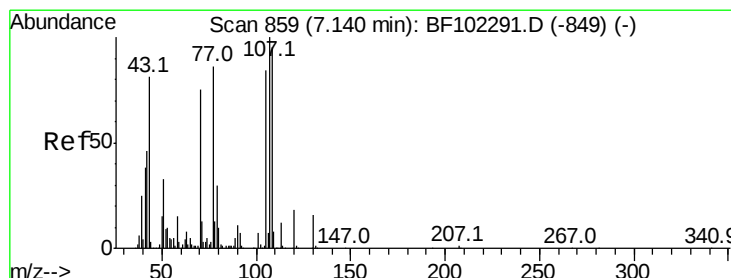
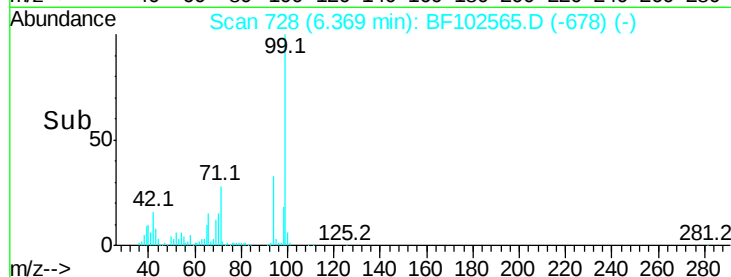
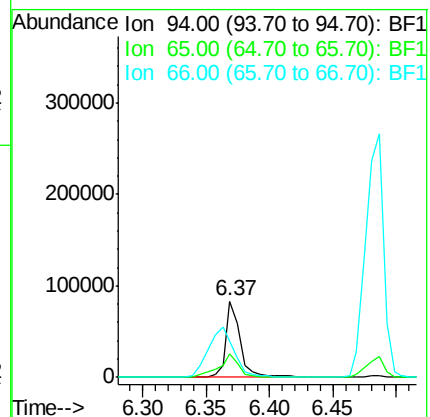
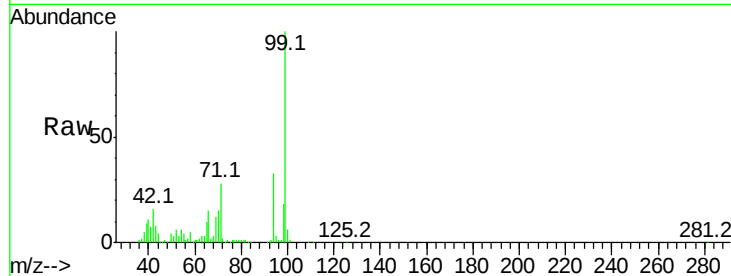
Tot Ion: 94 Resp: 67829

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 47.0 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.749 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Tgt Ion: 70 Resp: 102354

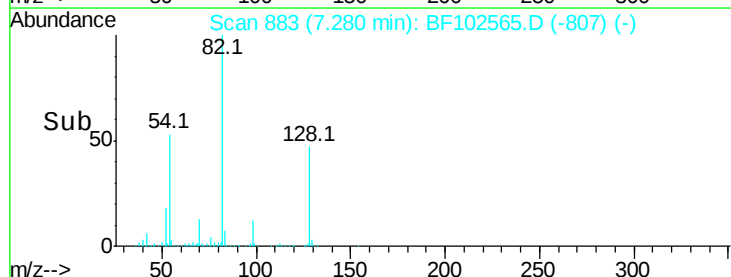
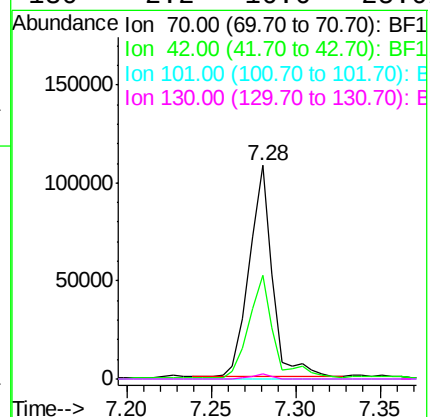
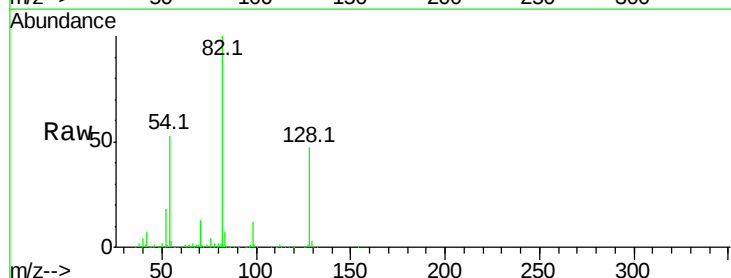
Ion Ratio Lower Upper

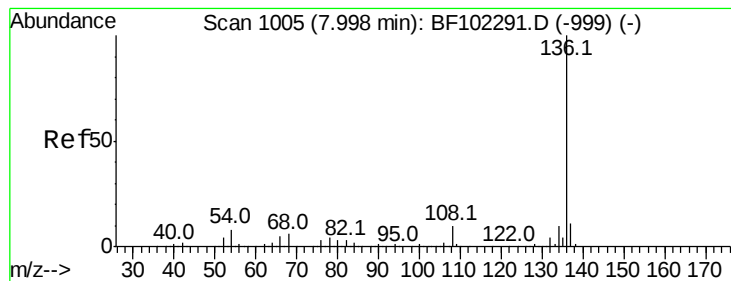
70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 630860

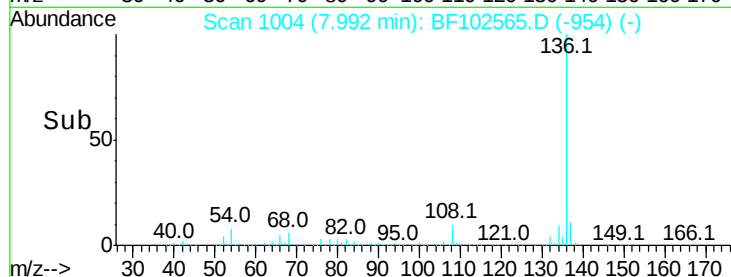
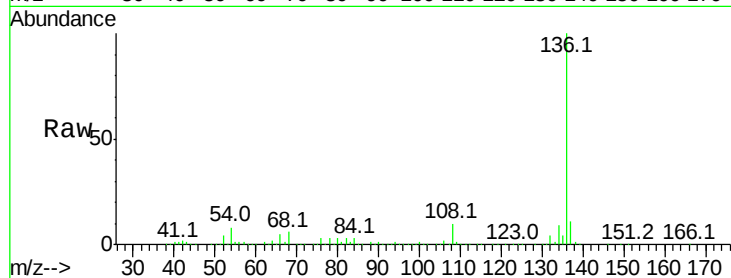
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.0 5.0 7.4

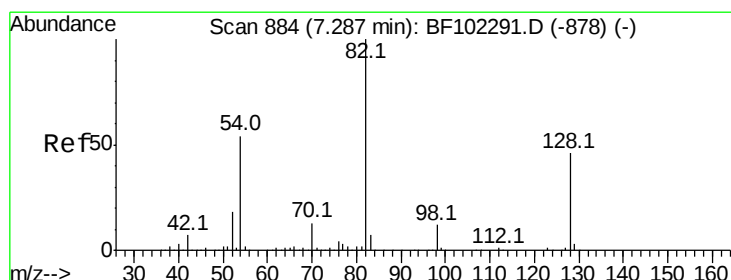
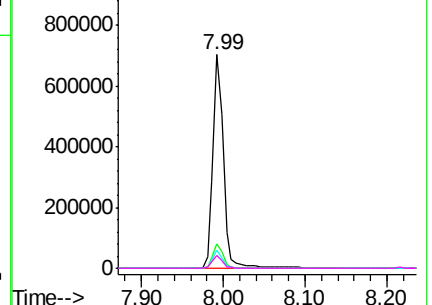


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.221 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

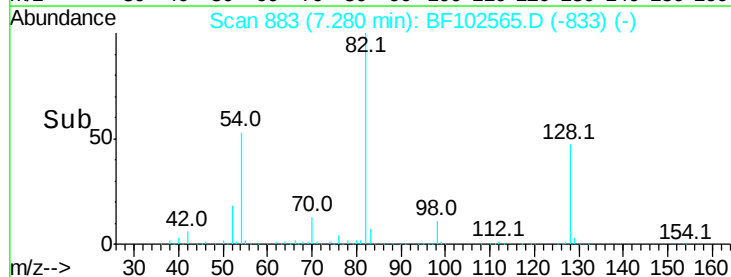
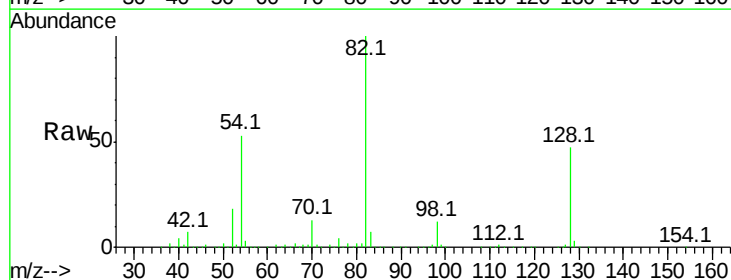
Tgt Ion: 82 Resp: 781855

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

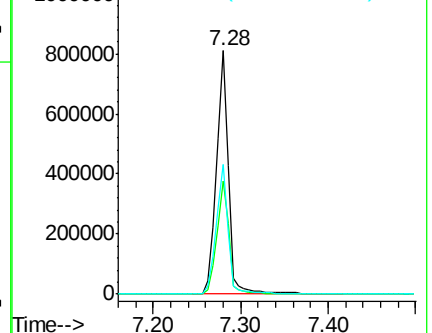
54 53.0 41.4 62.2

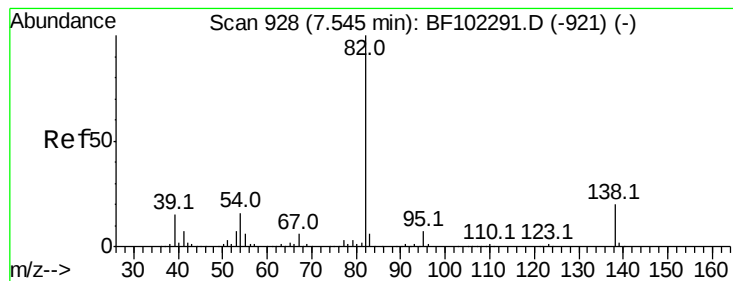


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.798 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampled :

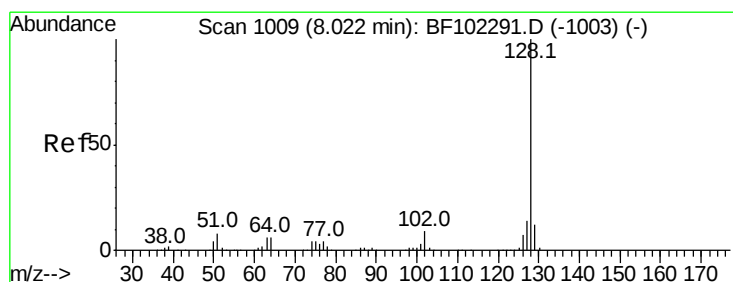
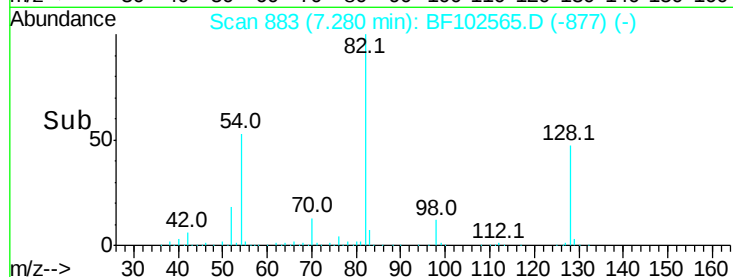
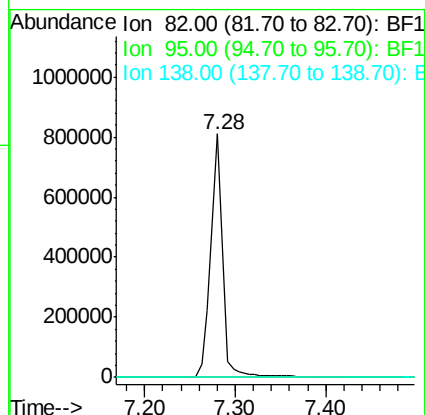
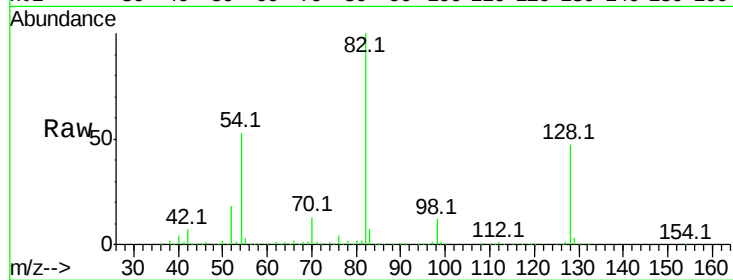
Tot Ion: 82 Resp: 778871

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.705 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

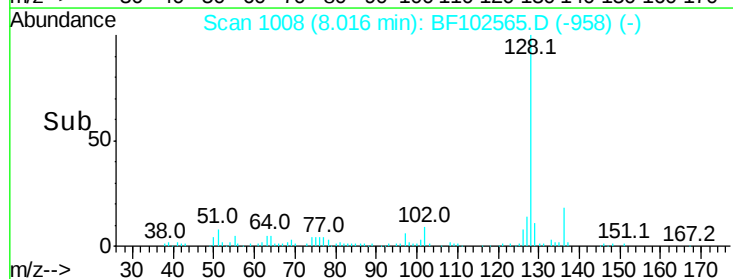
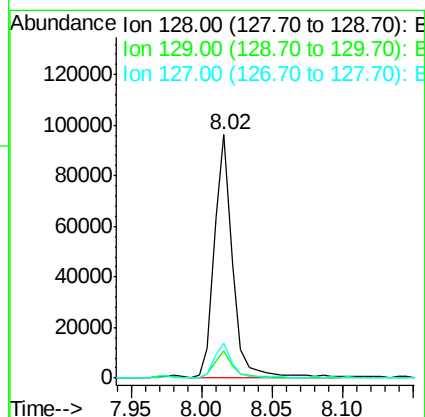
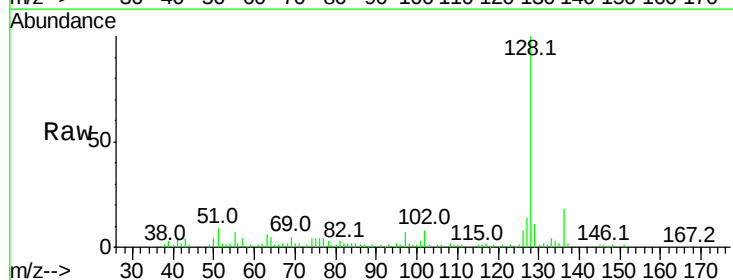
Tgt Ion: 128 Resp: 85215

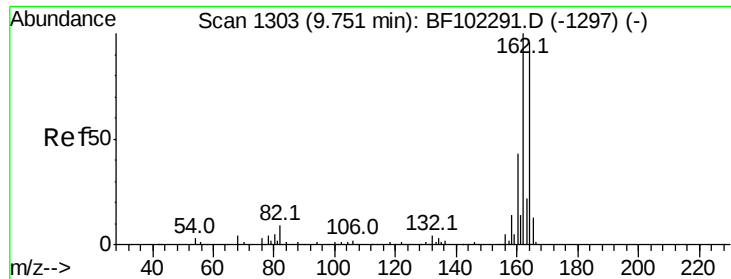
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 14.4 10.9 16.3

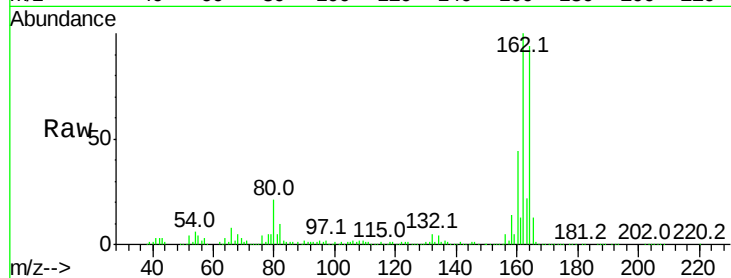




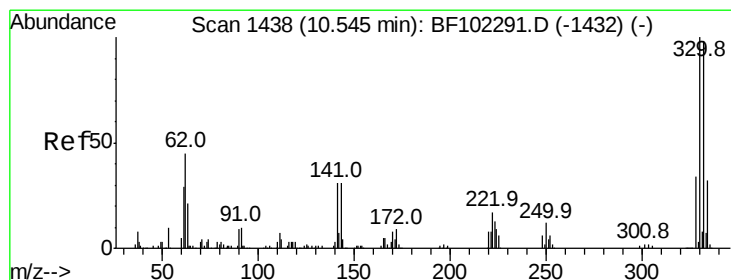
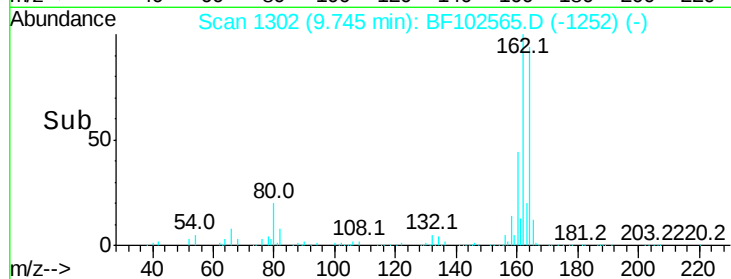
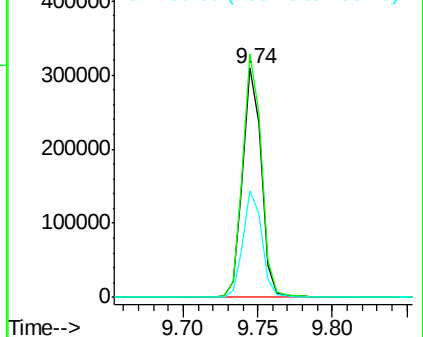
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 271053
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.6 38.3 57.5

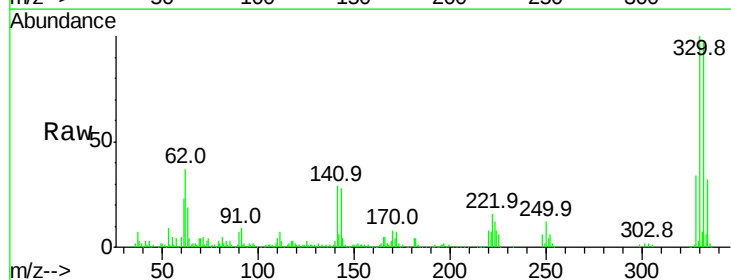


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

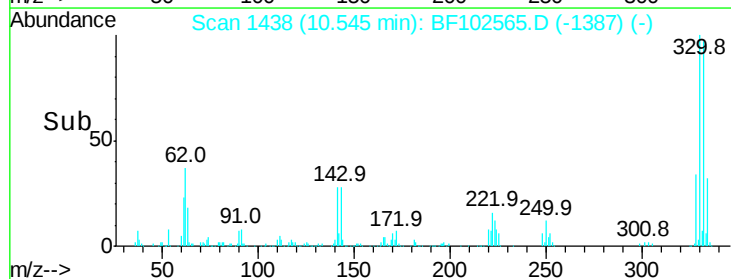
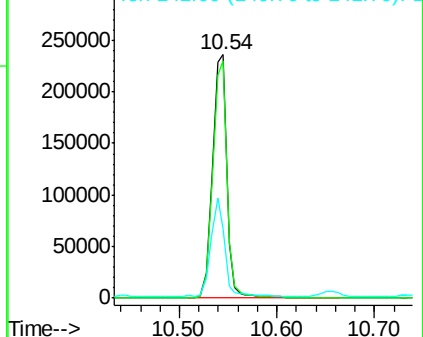


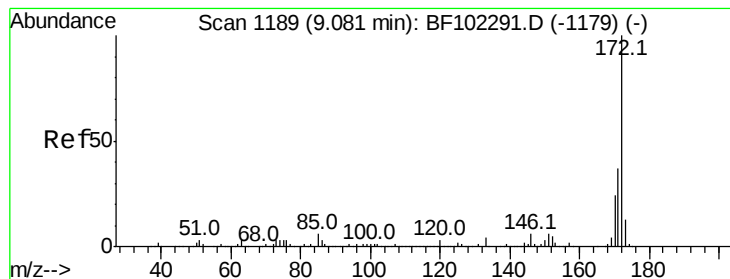
#41
2,4,6-Tribromophenol
Concen: 90.058 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:330 Resp: 241874
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 39.0 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 67.346 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

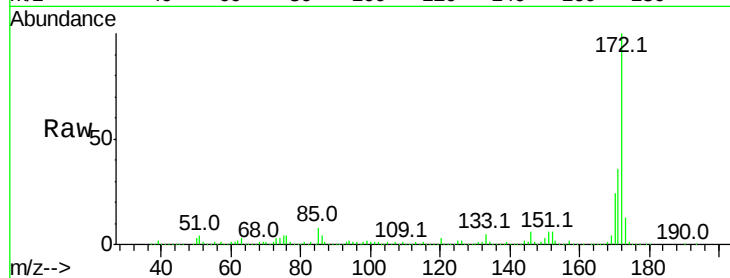
Tot Ion:172 Resp: 1241491

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

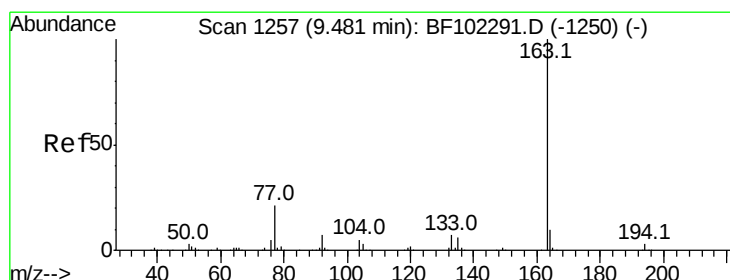
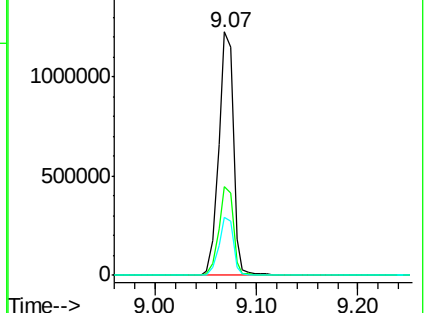
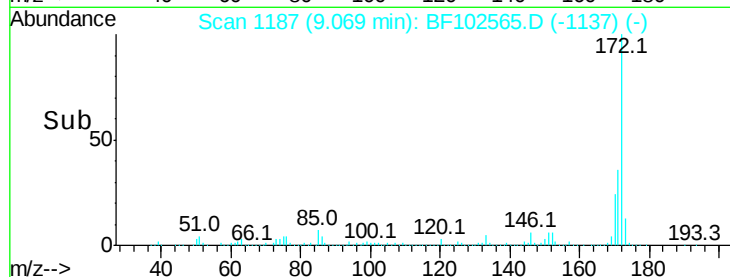
170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 7.911 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

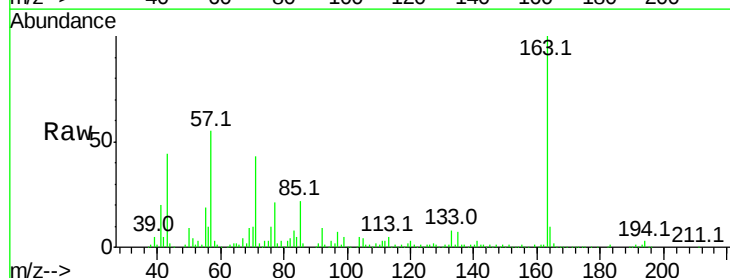
Tgt Ion:163 Resp: 177245

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

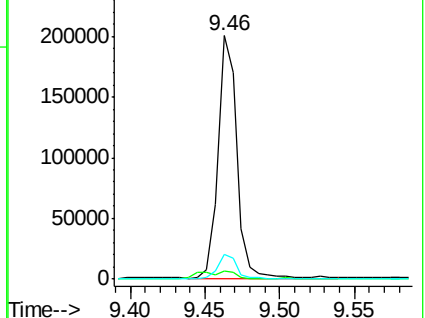
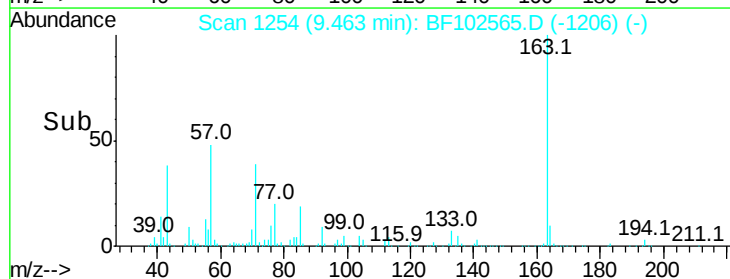
164 9.9 8.2 12.2

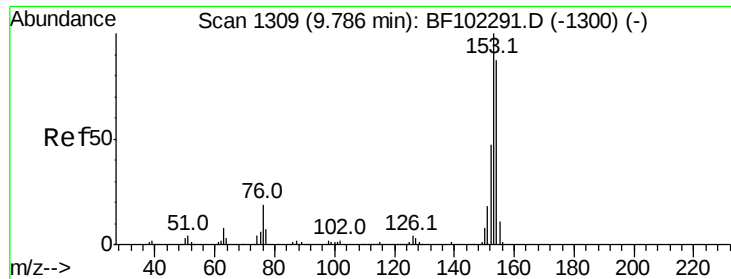


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.373 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampled :

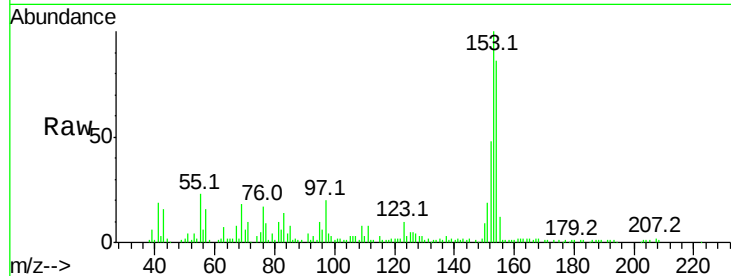
Tot Ion:154 Resp: 57810

Ion Ratio Lower Upper

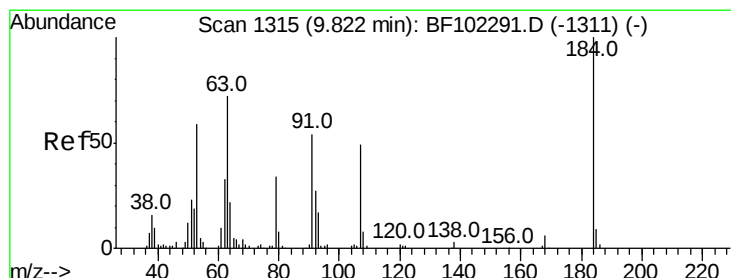
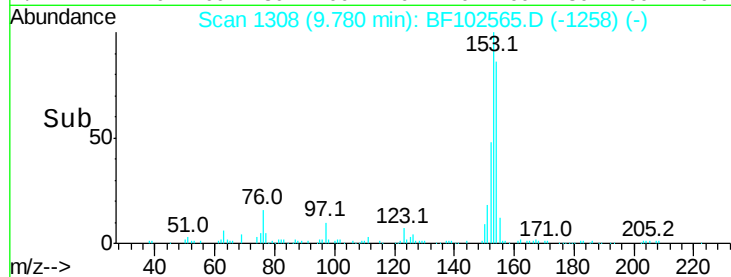
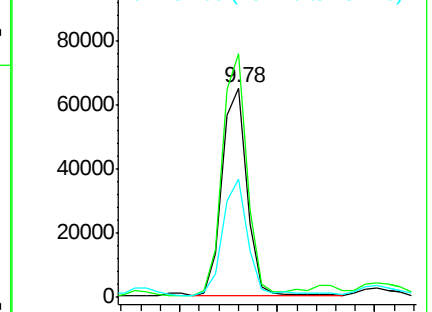
154 100

153 116.3 91.2 136.8

152 56.3 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



#53

2,4-Dinitrophenol

Concen: 4.008 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.19 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

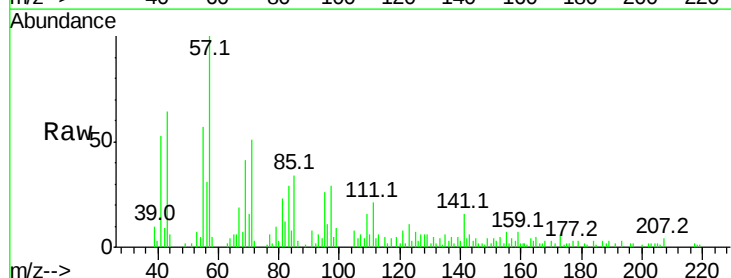
Tgt Ion:184 Resp: 710

Ion Ratio Lower Upper

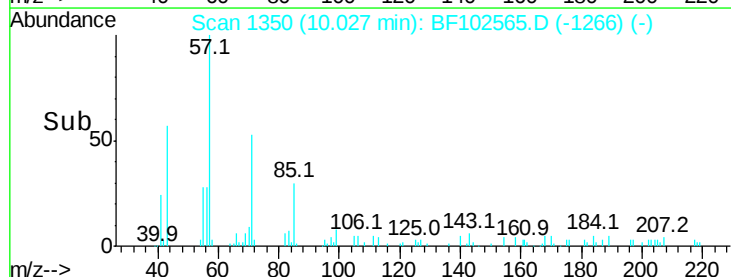
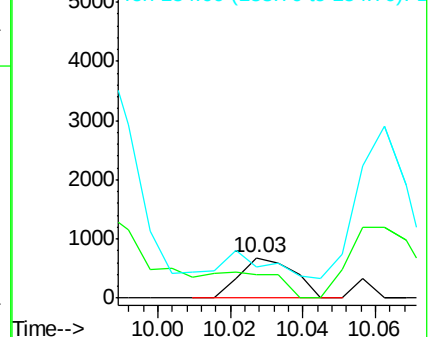
184 100

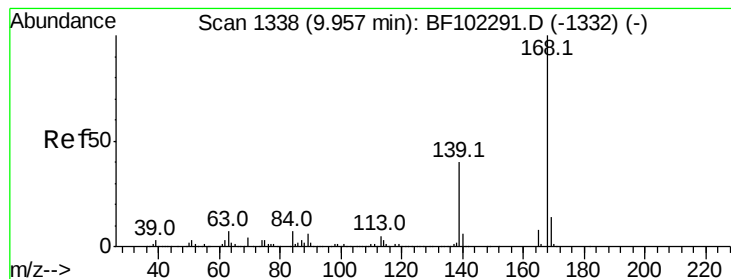
63 59.3 54.2 81.2

154 78.3 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.371 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

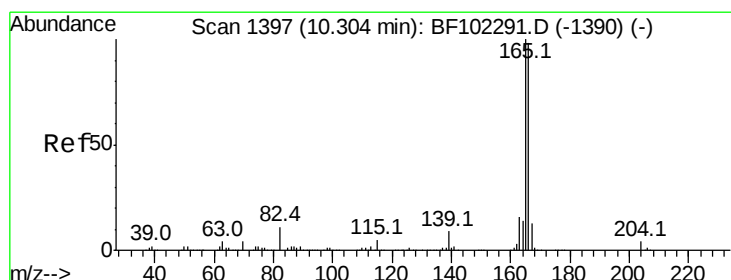
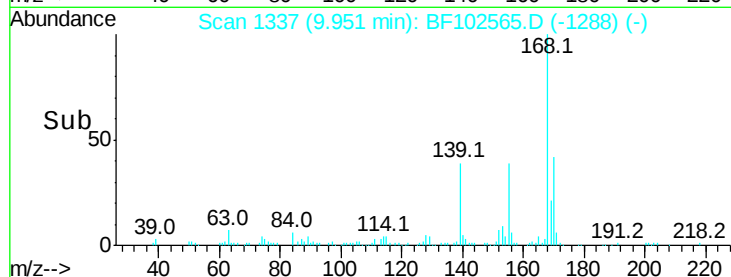
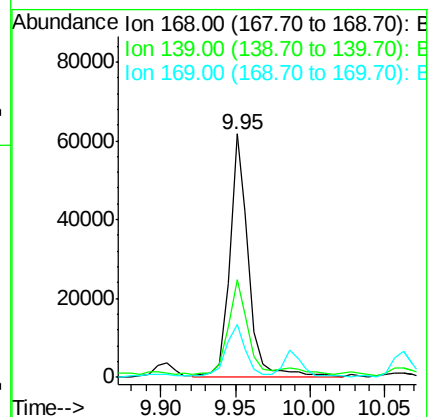
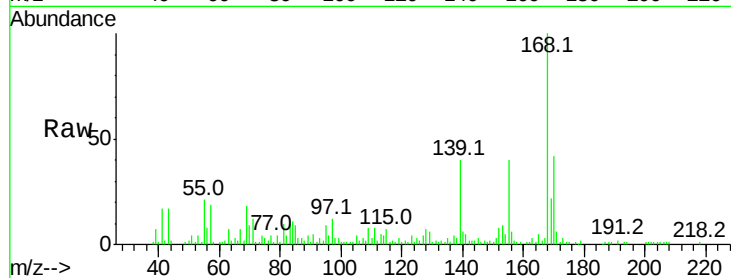
Tot Ion:168 Resp: 55006

Ion Ratio Lower Upper

168 100

139 40.1 30.1 45.1

169 21.8 10.9 16.3#



#57

Fluorene

Concen: 4.524 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

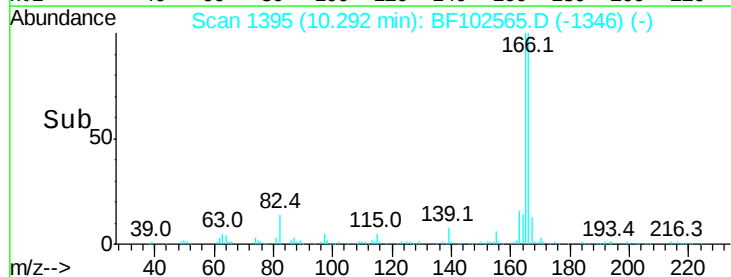
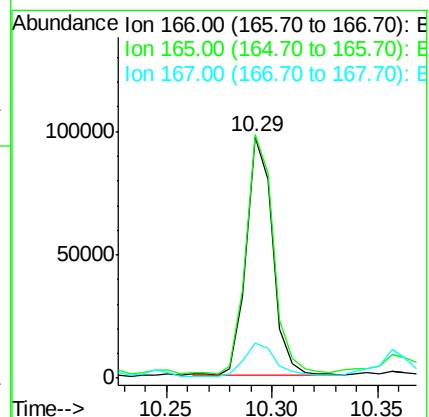
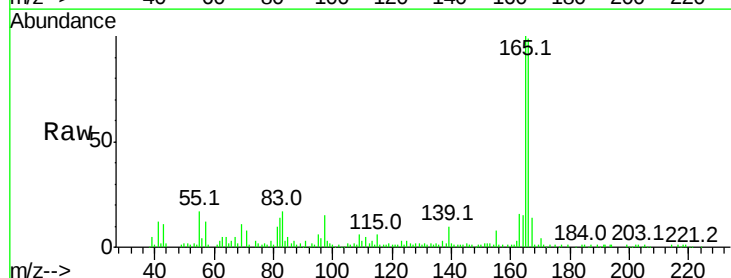
Tgt Ion:166 Resp: 83157

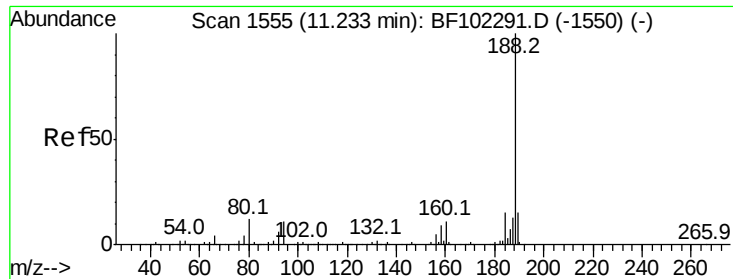
Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

167 14.4 10.6 16.0

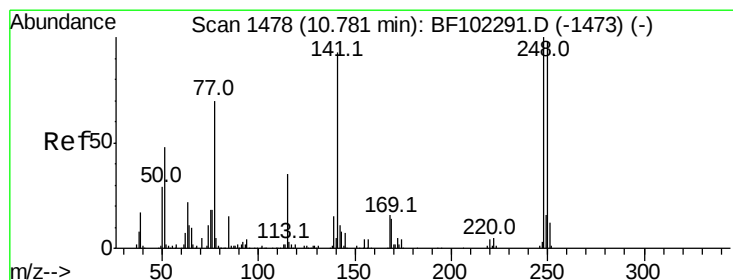
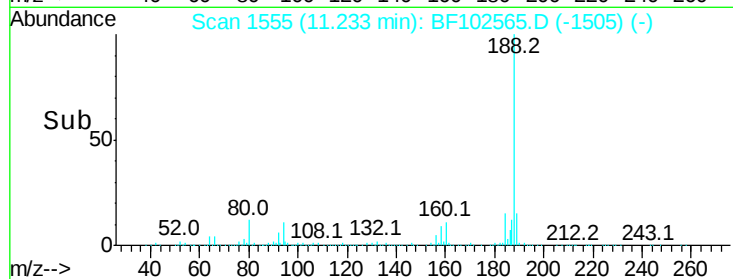
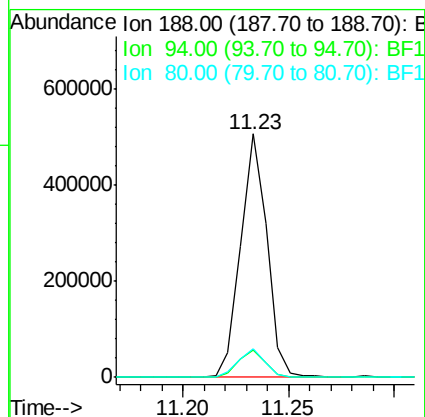
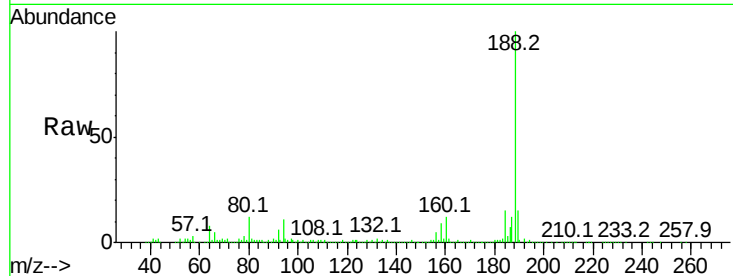




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

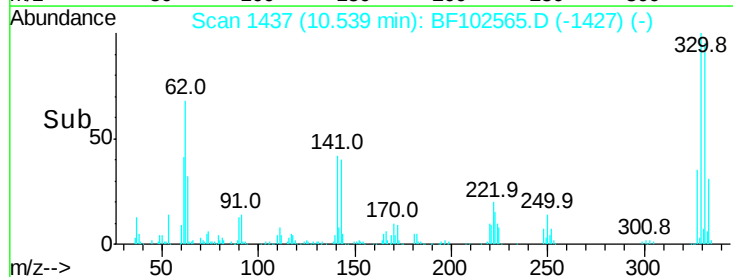
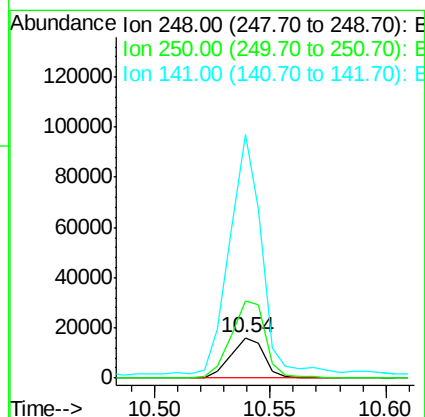
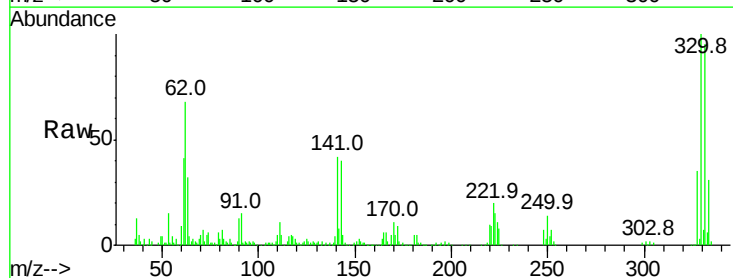
Instrument :
BNA_F
ClientSampleId :

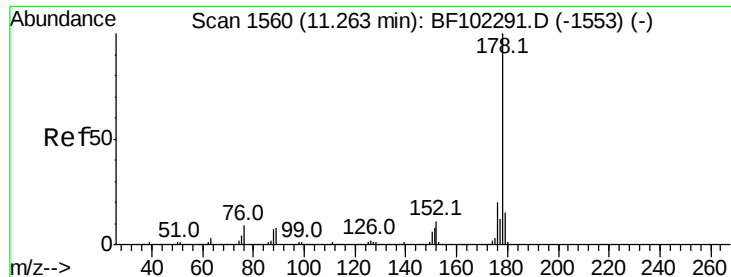
Tot Ion:188 Resp: 435267
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.496 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:248 Resp: 16379
Ion Ratio Lower Upper
248 100
250 191.4 76.9 115.3#
141 600.3 74.4 111.6#





#70

Phenanthrene

Concen: 22.305 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

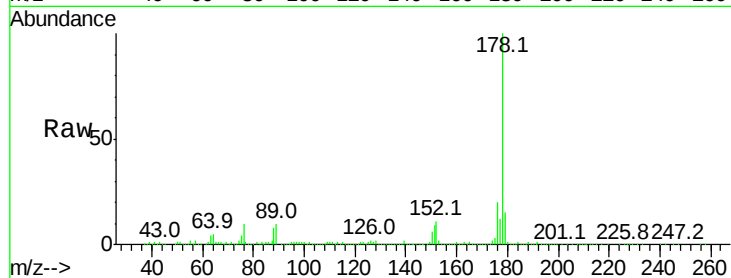
Tot Ion:178 Resp: 565735

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

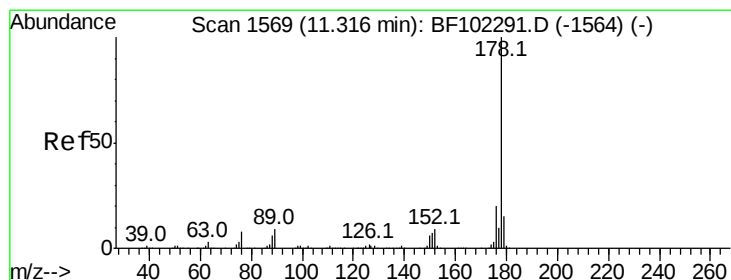
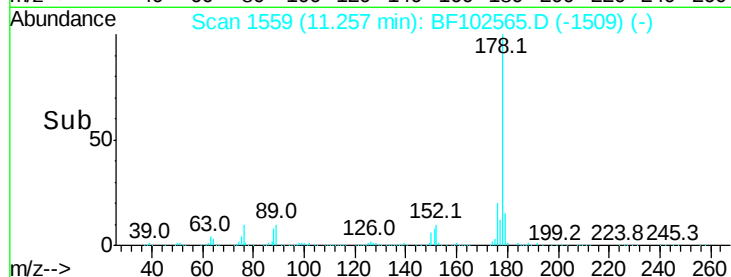
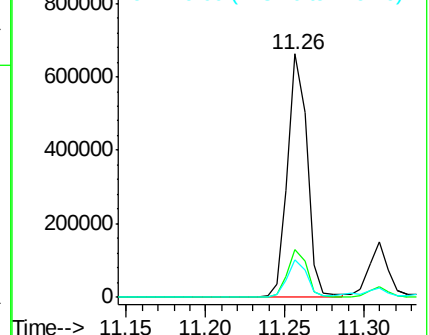
179 15.2 13.0 19.6



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: 4.467 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

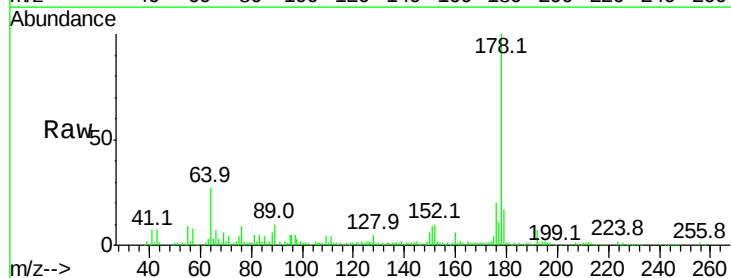
Tgt Ion:178 Resp: 115638

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

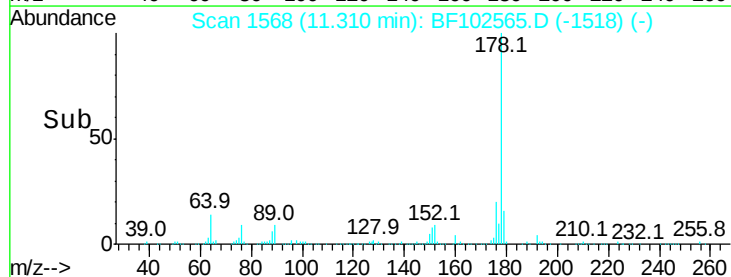
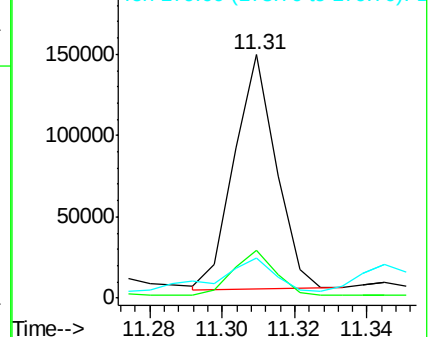
179 16.6 12.6 19.0

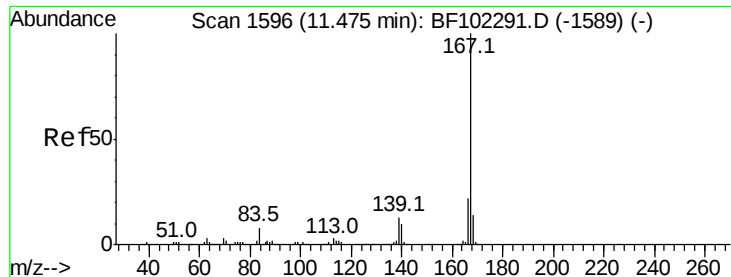


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.864 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

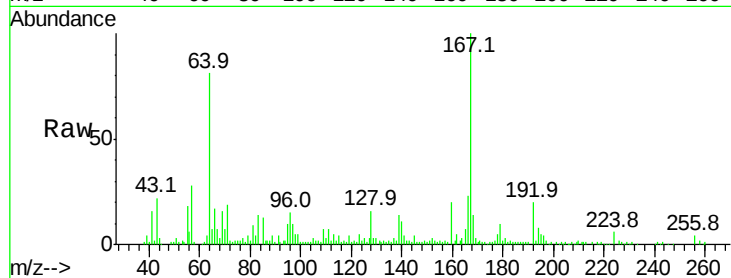
Tot Ion:167 Resp: 72332

Ion Ratio Lower Upper

167 100

166 23.2 17.6 26.4

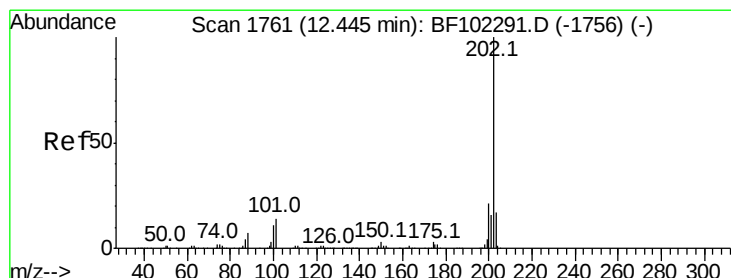
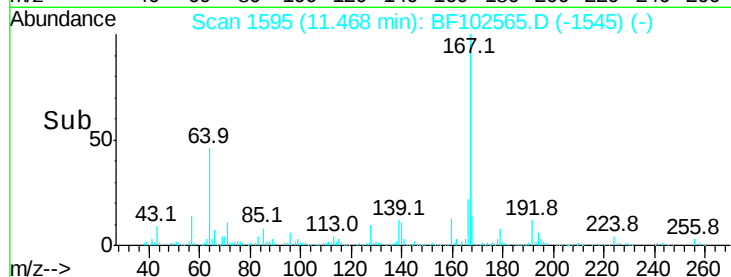
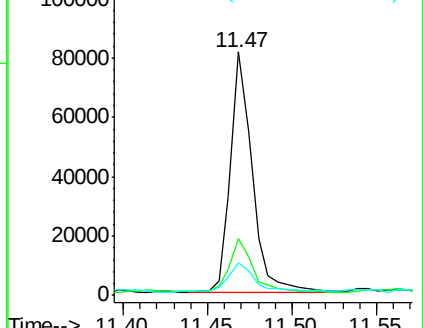
139 13.5 10.9 16.3



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: 23.910 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

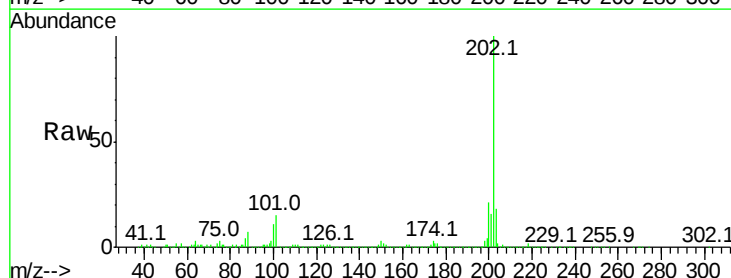
Tgt Ion:202 Resp: 618426

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

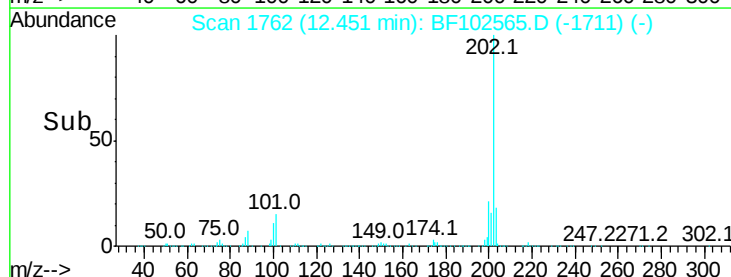
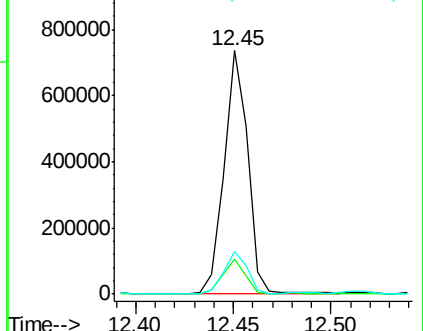
203 17.8 0.0 38.1

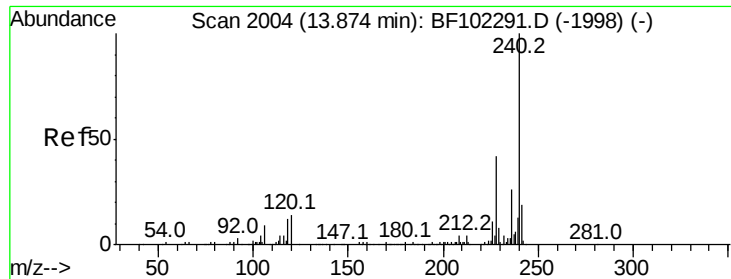


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

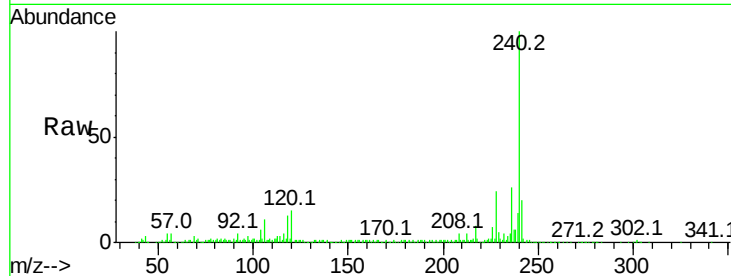
Tot Ion:240 Resp: 268428

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

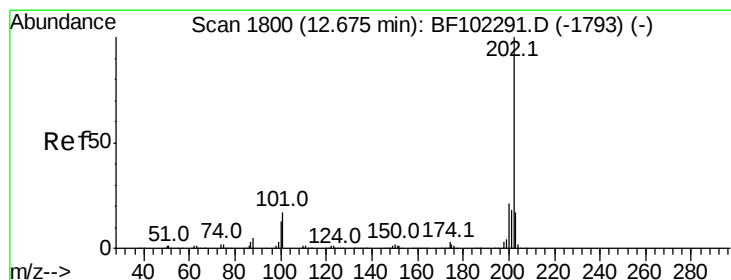
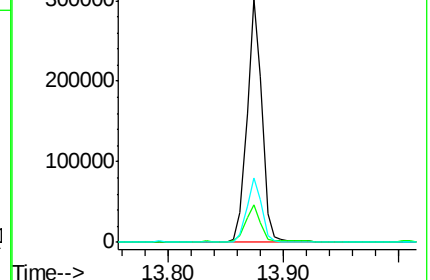
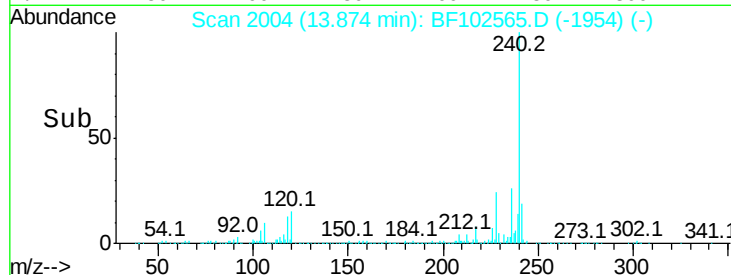
236 26.3 20.7 31.1



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

Pyrene

Concen: 26.528 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

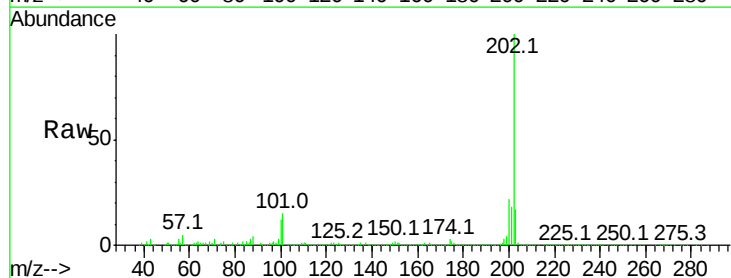
Tgt Ion:202 Resp: 550566

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

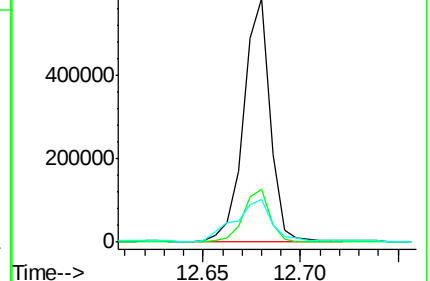
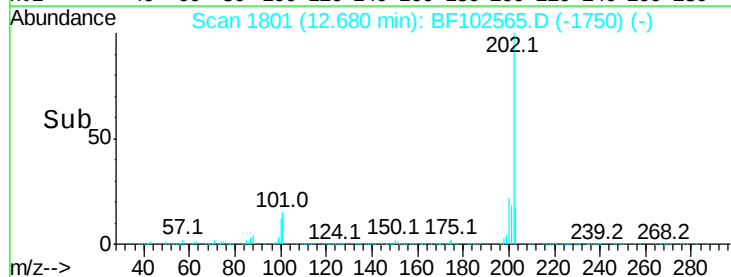
203 17.4 14.3 21.5

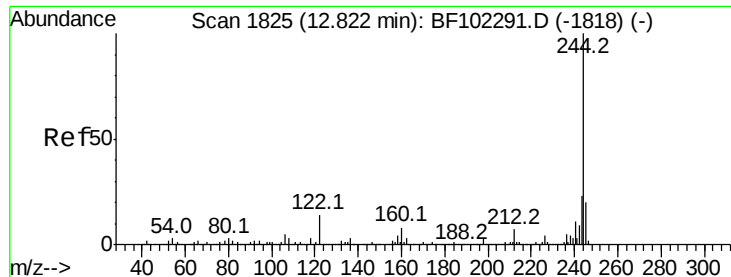


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

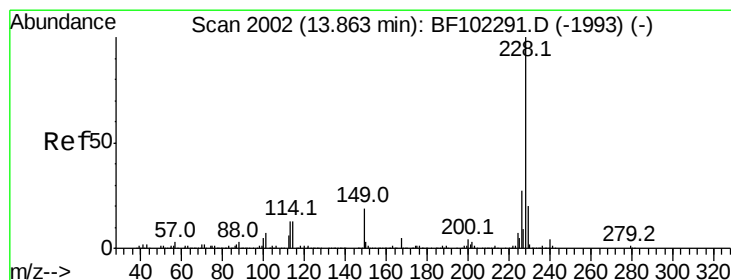
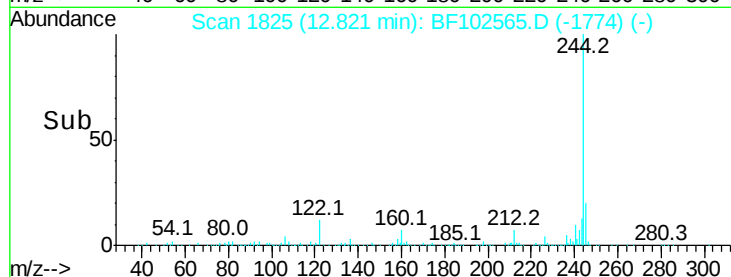
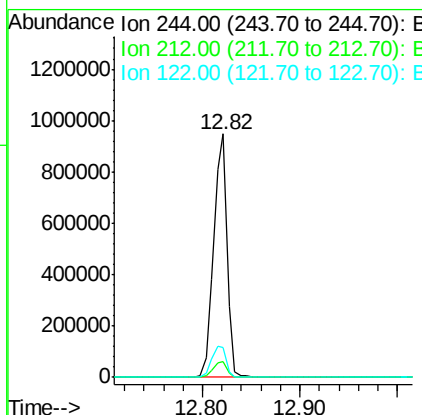
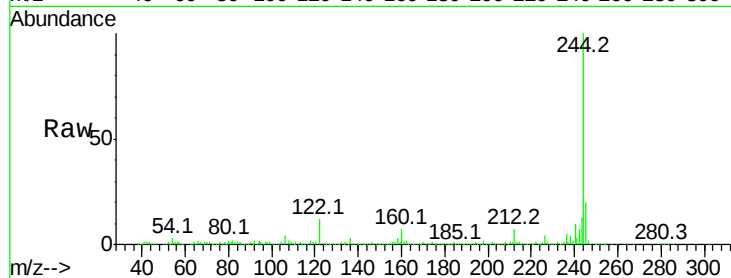




#78
 Terphenyl-d14
 Concen: 75.611 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102565.D
 Acq: 28 Jan 2018 18:49

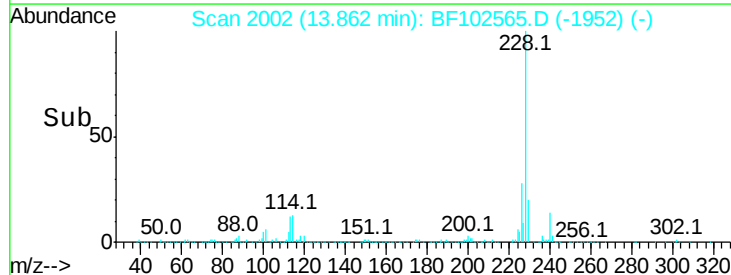
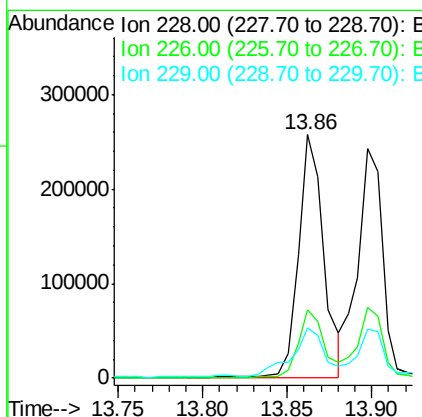
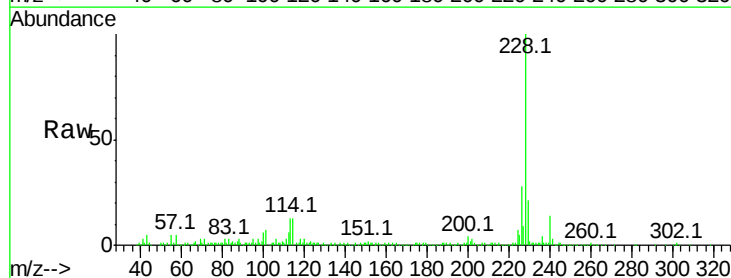
Instrument :
 BNA_F
 ClientSampleId :

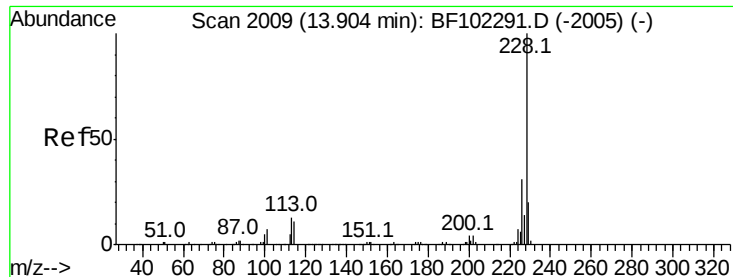
Tot Ion:244 Resp: 900301
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.3 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 16.083 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102565.D
 Acq: 28 Jan 2018 18:49

Tgt Ion:228 Resp: 265788
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 20.7 15.8 23.6





#82

Chrysene

Concen: 14.833 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

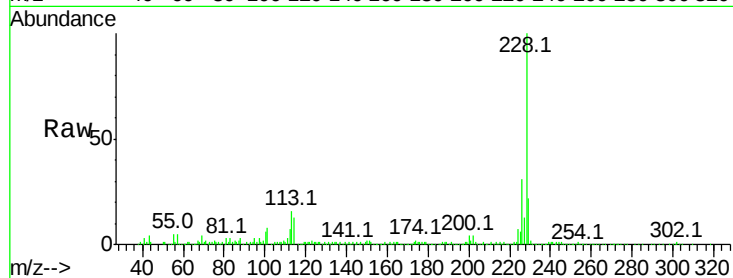
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 248929

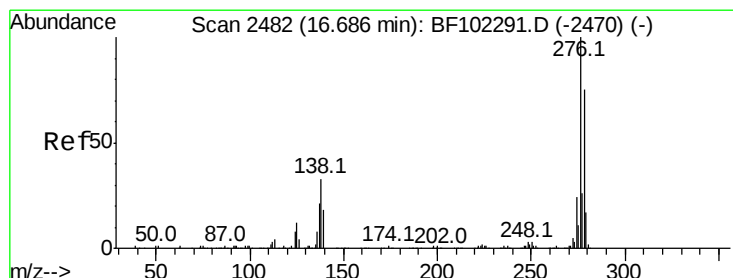
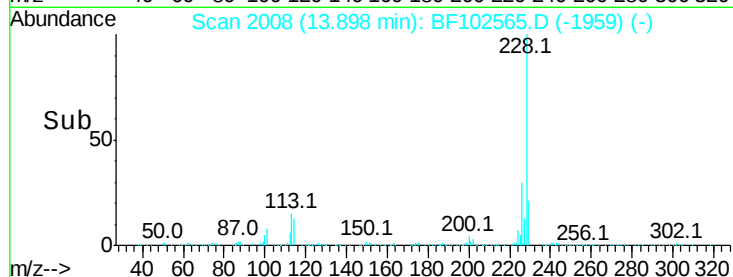
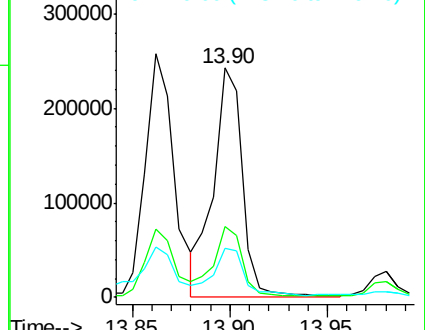
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.5	16.2	24.4



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: 8.146 ng

RT: 16.70 min Scan# 2484

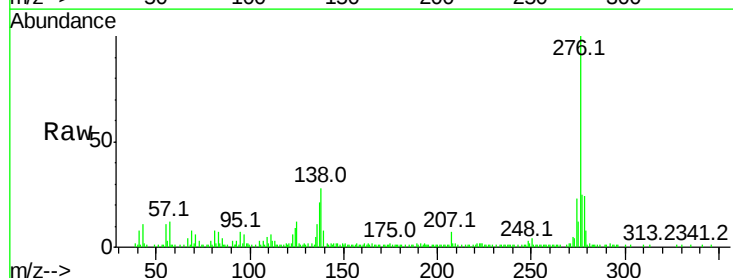
Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Tgt Ion:276 Resp: 112903

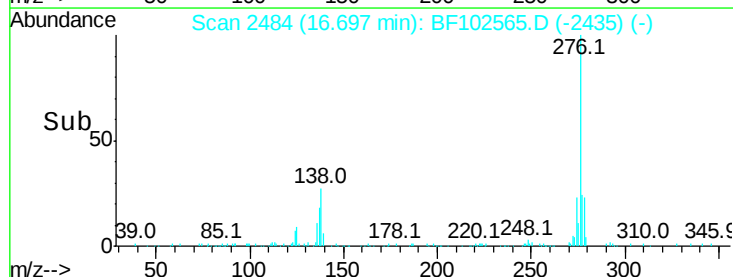
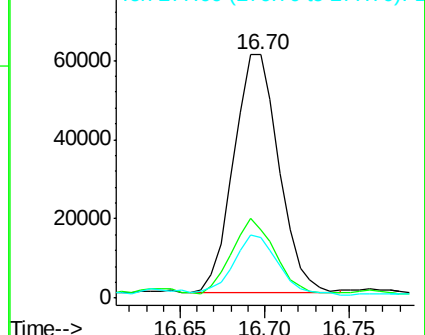
Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	24.4	20.1	30.1

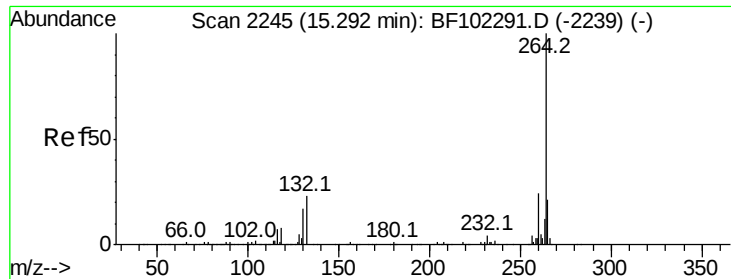


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

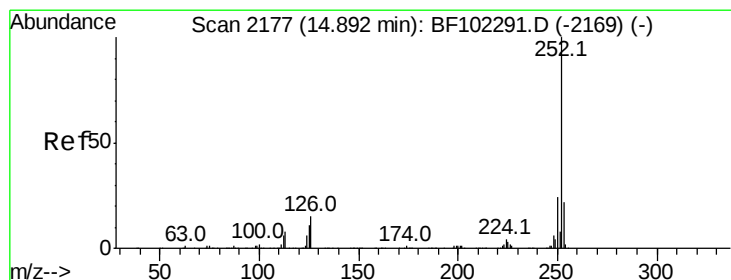
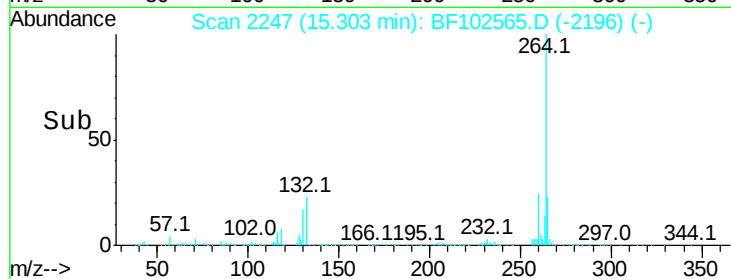
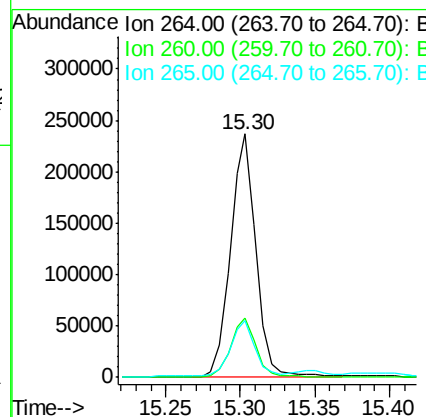
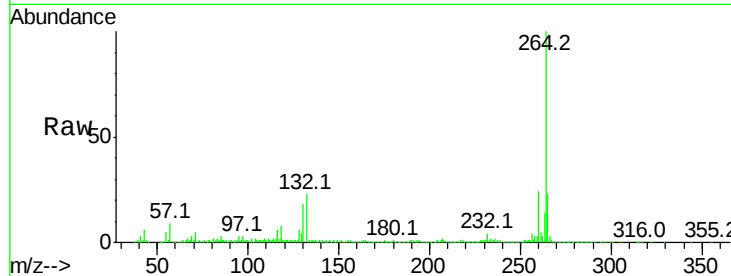




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

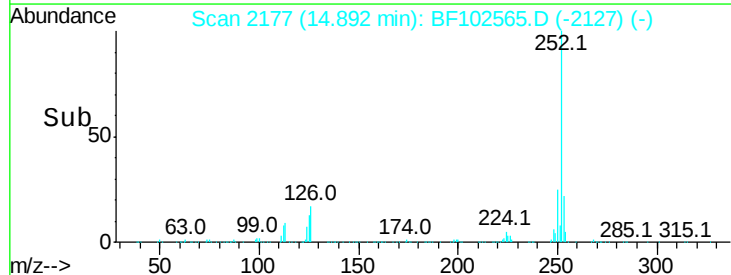
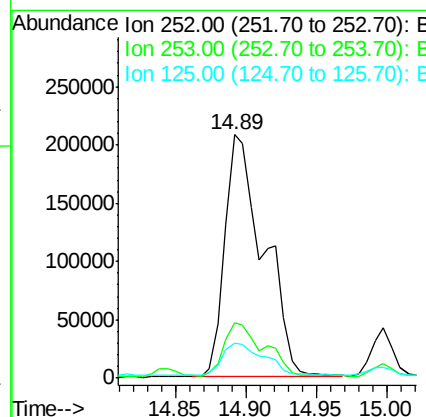
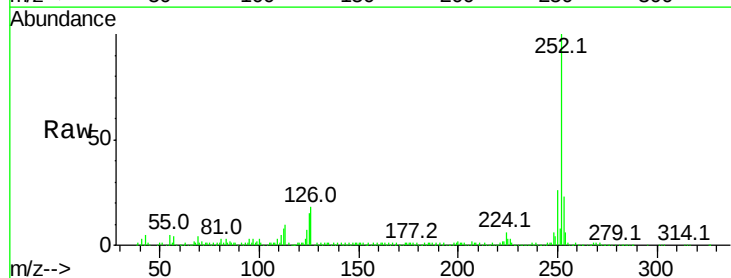
Instrument :
BNA_F
ClientSampleId :

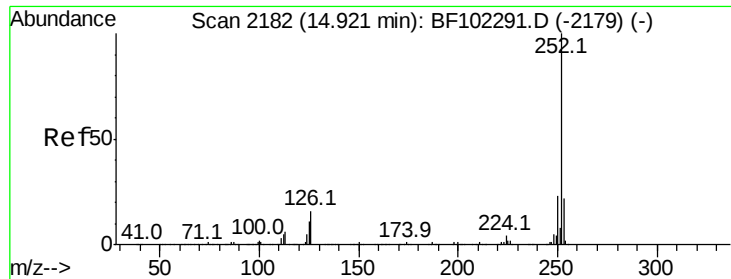
Tot Ion:264 Resp: 282379
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 21.968 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:252 Resp: 402067
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 14.6 9.0 13.6#

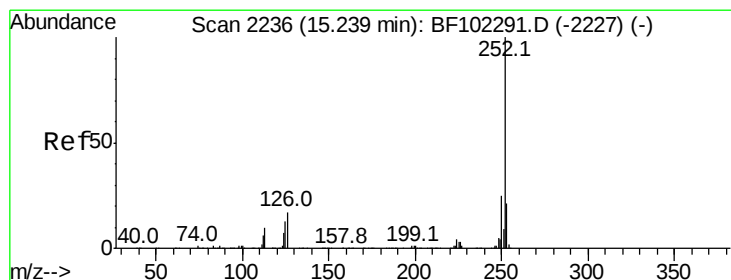
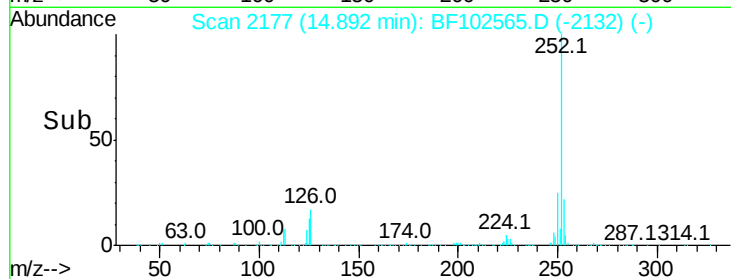
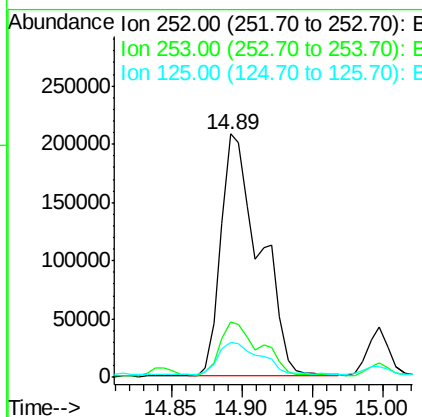
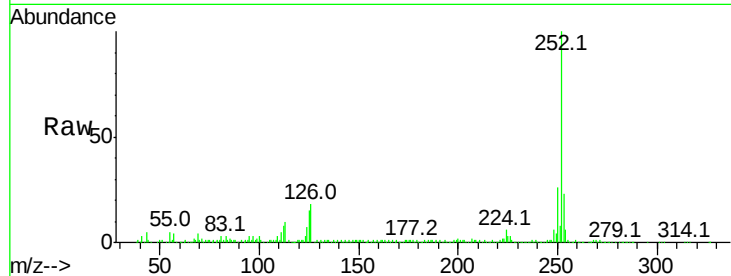




#88
Benzo(k)fluoranthene
Concen: 23.252 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.04 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

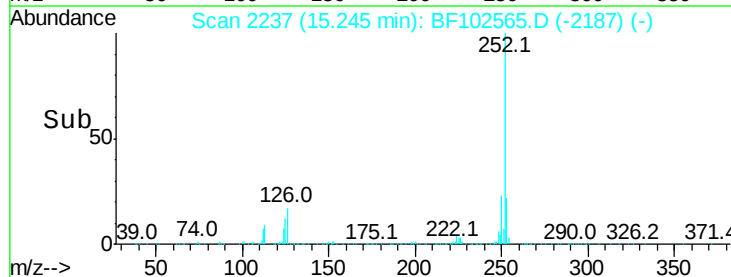
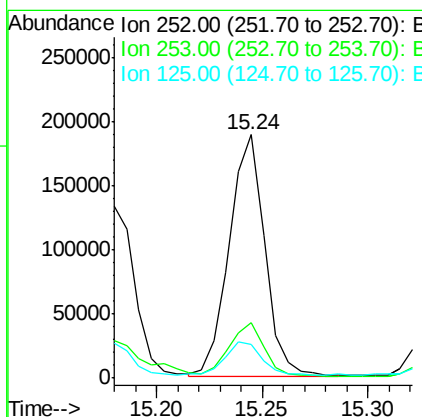
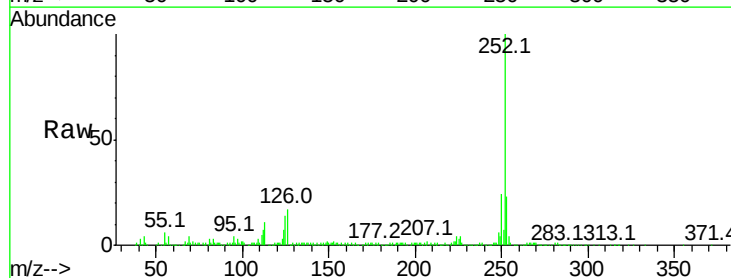
Instrument :
BNA_F
ClientSampleId :

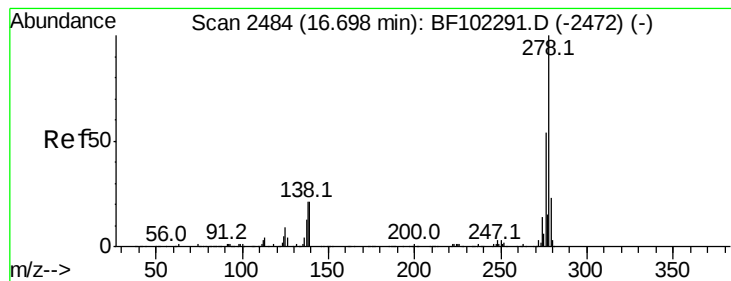
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 13.415 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.555 ng

RT: 16.69 min Scan# 2483

Delta R.T. -0.03 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

Instrument :

BNA_F

ClientSampleId :

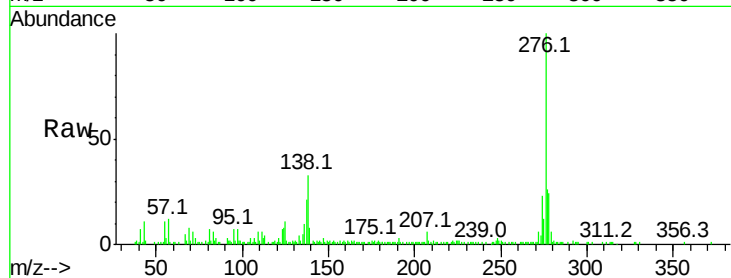
Tot Ion:278 Resp: 34170

Ion Ratio Lower Upper

278 100

139 32.4 15.9 23.9#

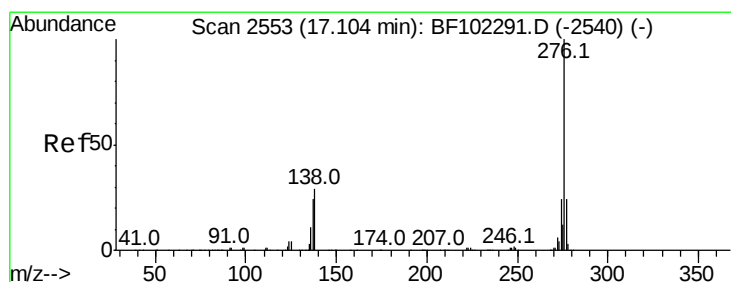
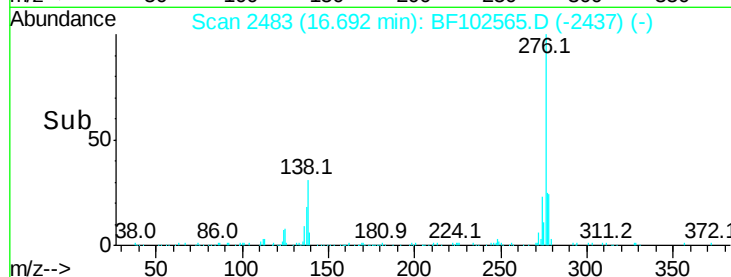
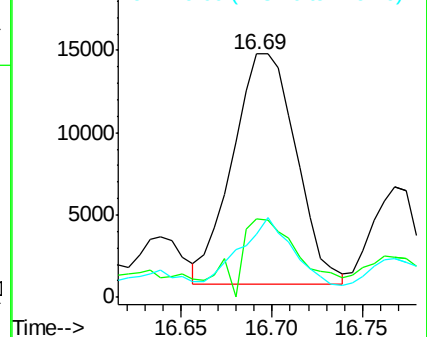
279 26.0 19.0 28.4



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: 8.105 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF102565.D

Acq: 28 Jan 2018 18:49

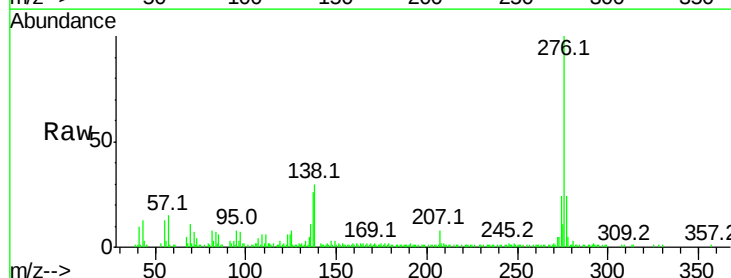
Tgt Ion:276 Resp: 107011

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 29.6 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

