

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102227.D
 Acq On : 19 Jan 2018 20:11
 Operator : SJ/JU
 Sample : J1189-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2B-2

Quant Time: Jan 19 22:04:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151704	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	632928	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	282375	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	496858	20.00	ng	0.00
75) Chrysene-d12	13.87	240	327897	20.00	ng	0.00
86) Perylene-d12	15.29	264	272522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	892362	83.06	ng	0.00
7) Phenol-d6	6.36	99	1085569	84.69	ng	-0.01
23) Nitrobenzene-d5	7.29	82	679009	63.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	249651	101.31	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1131419	62.60	ng	0.00
78) Terphenyl-d14	12.83	244	995875	63.06	ng	0.00

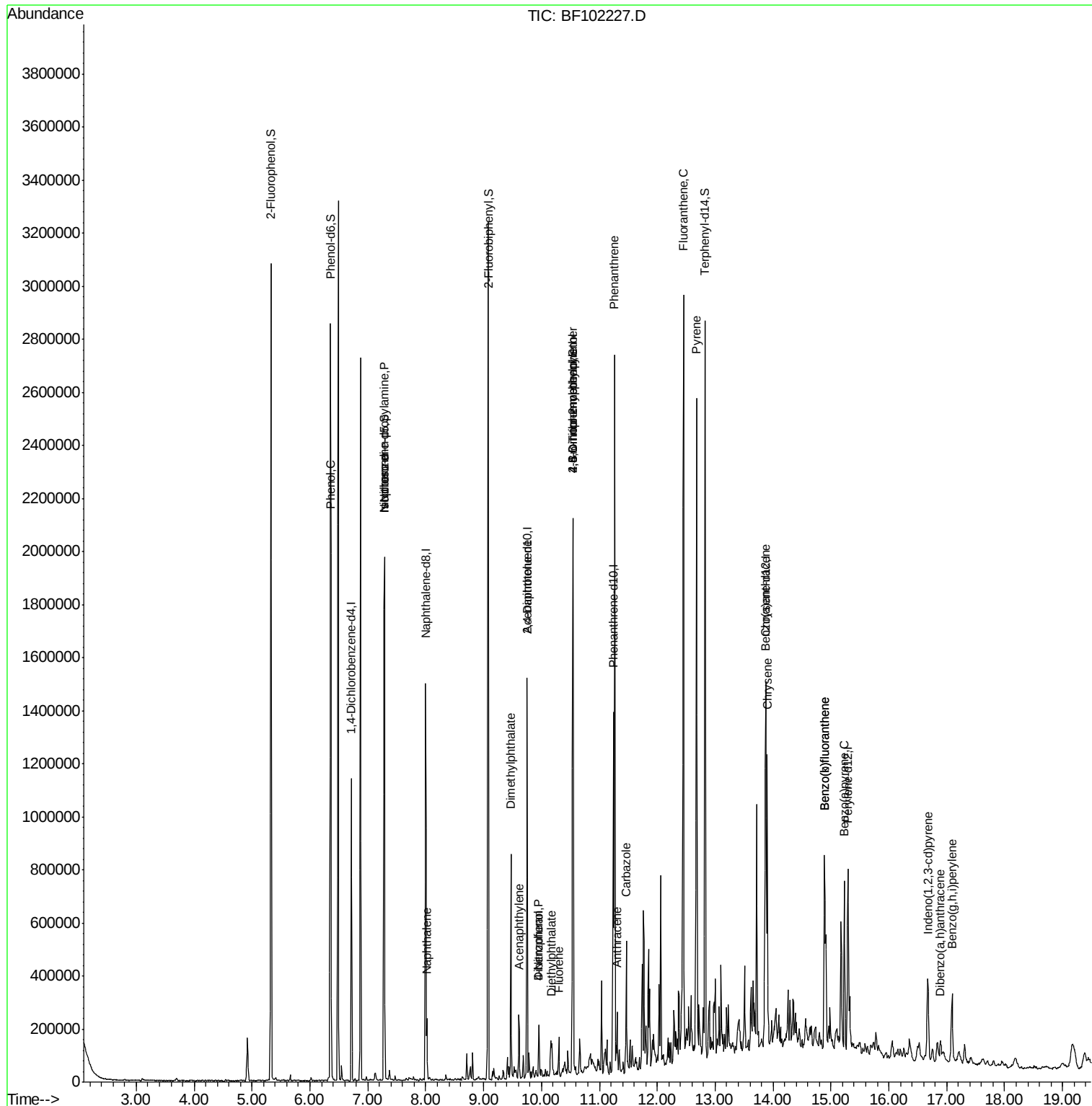
Target Compounds

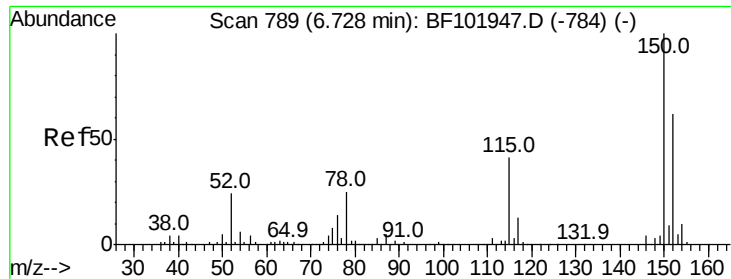
						Qvalue
10) Phenol	6.37	94	45241	3.123	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	90645	10.791	ng	# 80
25) Isophorone	7.29	82	679002	31.905	ng	# 64
31) Naphthalene	8.02	128	93027	2.941	ng	99
48) Acenaphthylene	9.61	152	88395	2.878	ng	99
49) Dimethylphthalate	9.47	163	333938	14.742	ng	99
54) Dibenzofuran	9.96	168	59199	2.314	ng	96
55) 4-Nitrophenol	9.95	139	22622	5.316	ng	# 10
56) 2,4-Dinitrotoluene	9.75	165	37849	6.674	ng	# 23
57) Fluorene	10.30	166	36914	2.087	ng	96
59) Diethylphthalate	10.16	149	62016	2.752	ng	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	615	5.863	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16114	3.071	ng	# 1
70) Phenanthrene	11.26	178	943206	32.498	ng	99
71) Anthracene	11.31	178	76372	2.595	ng	99
72) Carbazole	11.47	167	173189	5.986	ng	98
74) Fluoranthene	12.45	202	1115646	39.070	ng	100
77) Pyrene	12.68	202	988565	34.107	ng	100
80) Benzo(a)anthracene	13.86	228	344744	16.479	ng	95
82) Chrysene	13.90	228	399482	18.313	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	187781	11.827	ng	96
87) Benzo(b)fluoranthene	14.89	252	526423	29.625	ng	96
88) Benzo(k)fluoranthene	14.89	252	526423	30.710	ng	99
89) Benzo(a)pyrene	15.23	252	253997	15.885	ng	96
90) Dibenzo(a,h)anthracene	16.89	278	41370	3.242	ng	93
91) Benzo(g,h,i)perylene	17.09	276	188738	14.683	ng	98

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

```
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Sample    : J1189-05  
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ALS Vial  : 3      Sample Multiplier: 1
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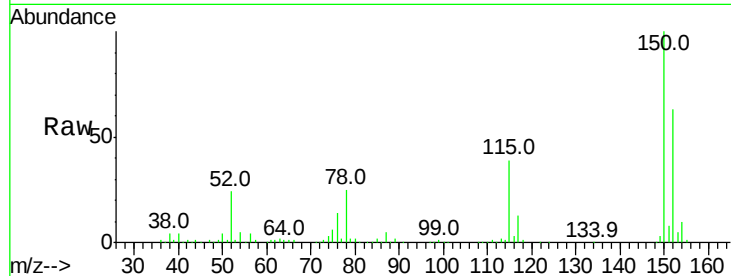


#1

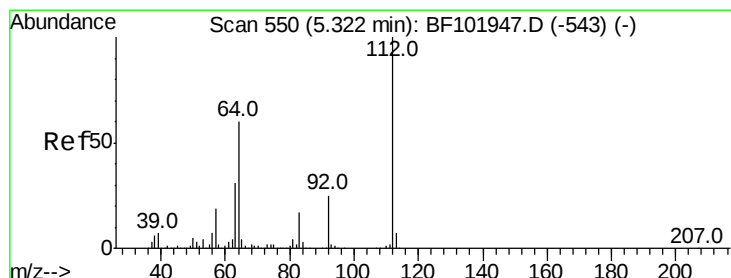
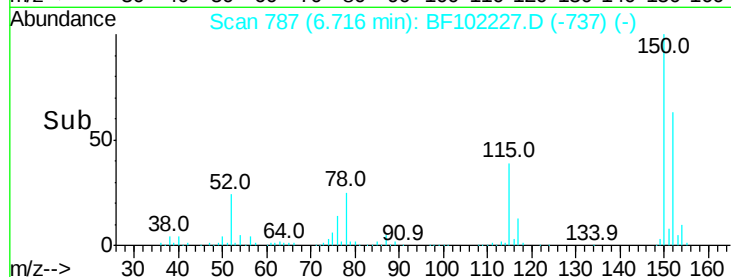
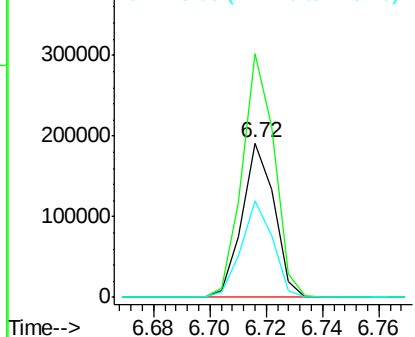
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
2B-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.2	50.1	75.1



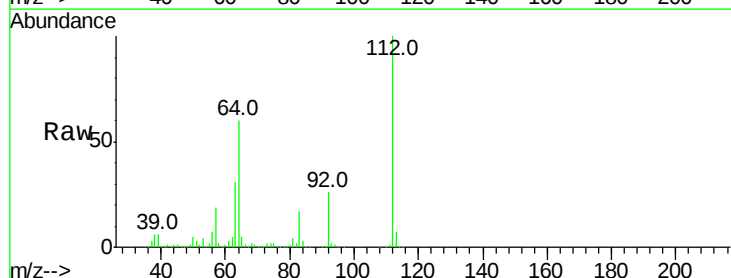
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



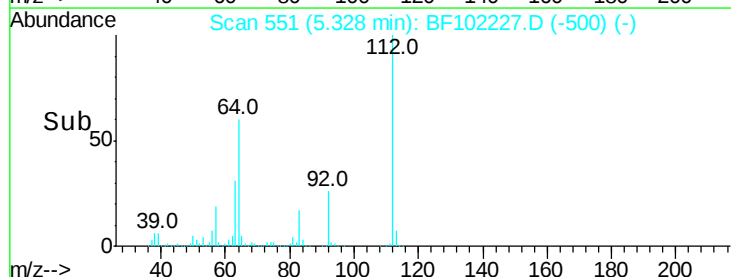
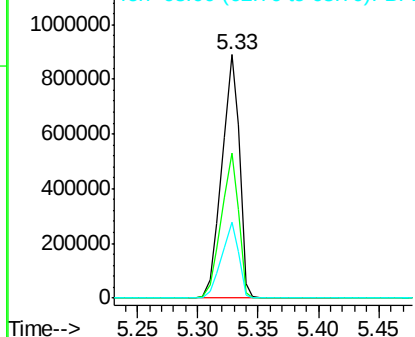
#5

2-Fluorophenol
Concen: 83.062 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.1	23.7	35.5



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





#7

Phenol-d6

Concen: 84.692 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

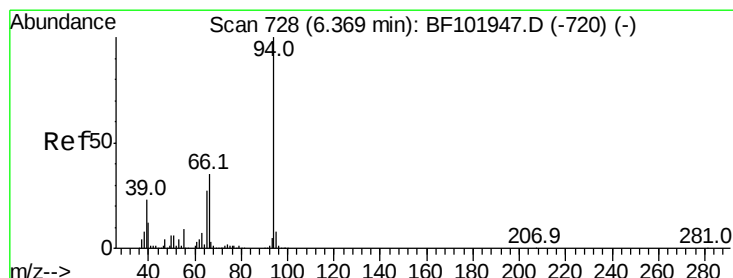
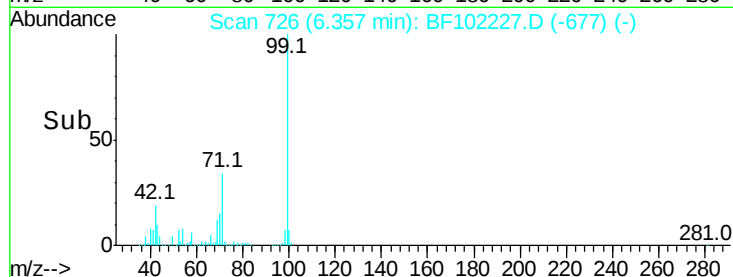
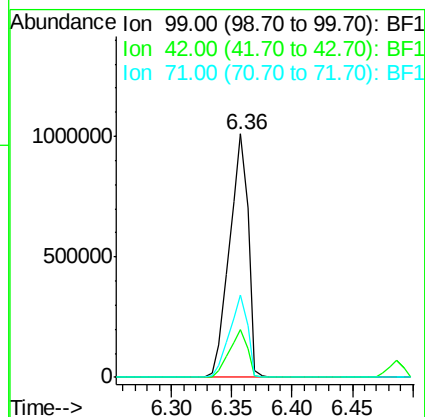
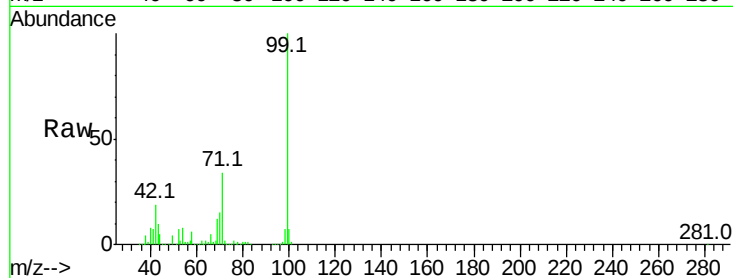
Tot Ion: 99 Resp: 1085569

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 3.123 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

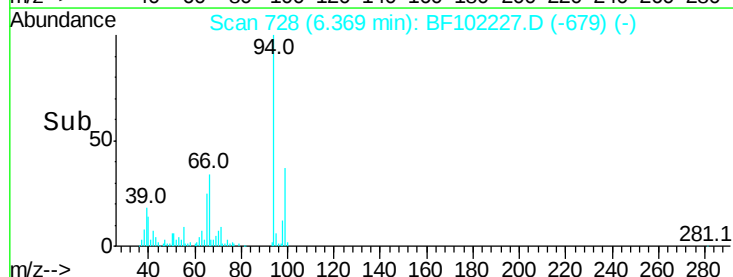
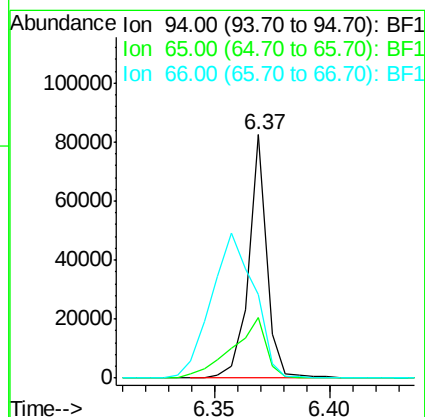
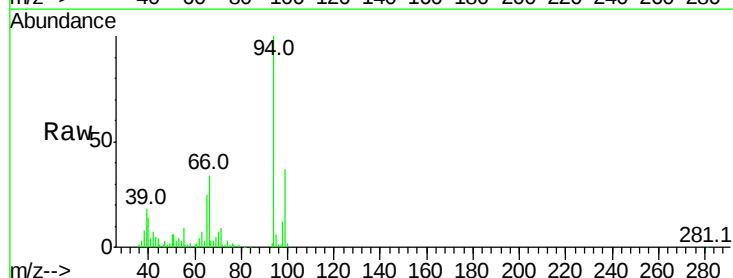
Tgt Ion: 94 Resp: 45241

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 34.2 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.791 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

Tot Ion: 70 Resp: 90645

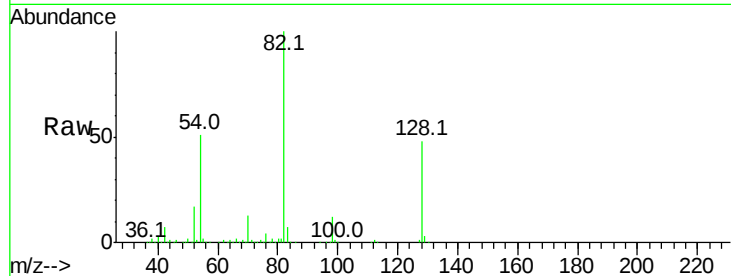
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

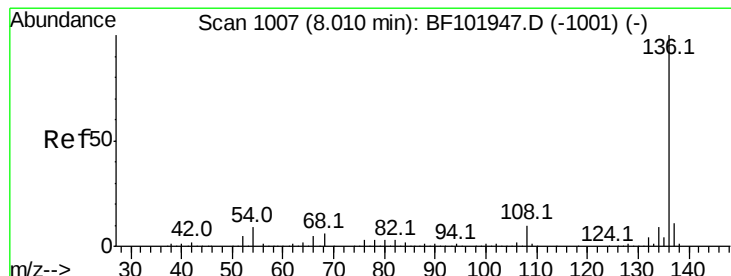
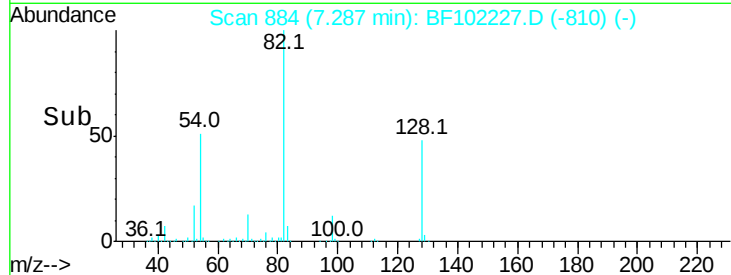
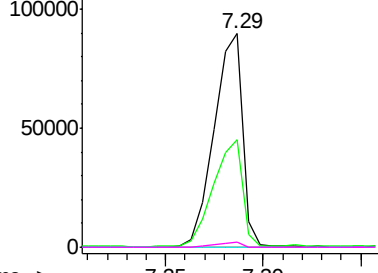


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Tgt Ion: 136 Resp: 632928

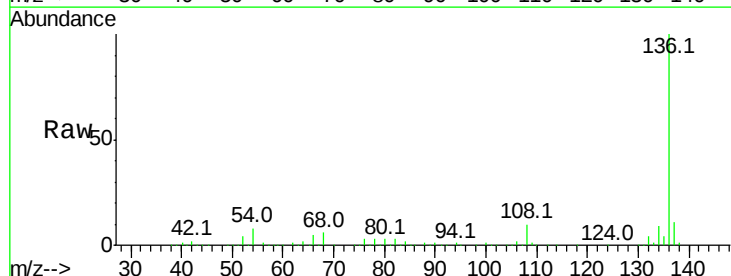
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.1 6.6 9.8

68 5.5 5.0 7.4

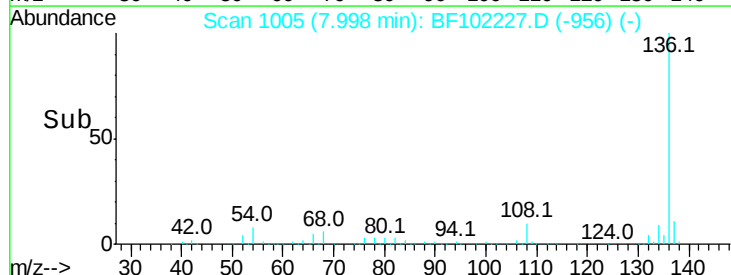
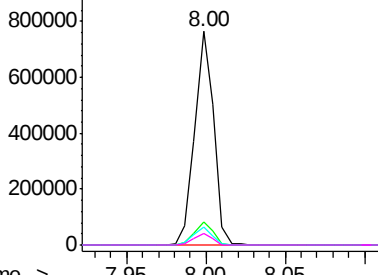


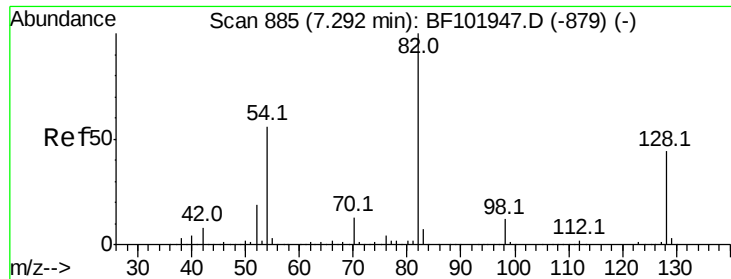
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

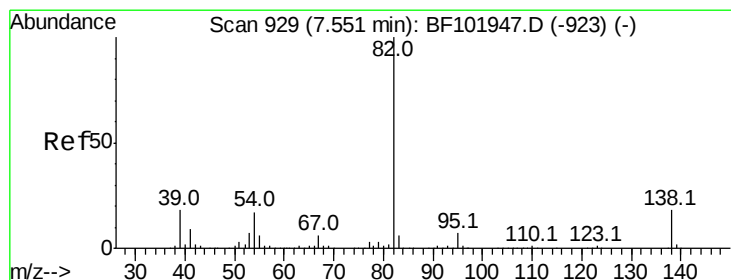
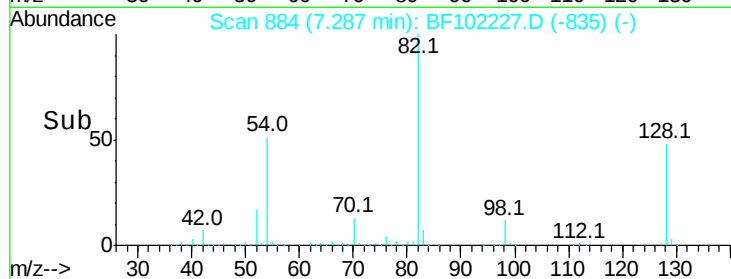
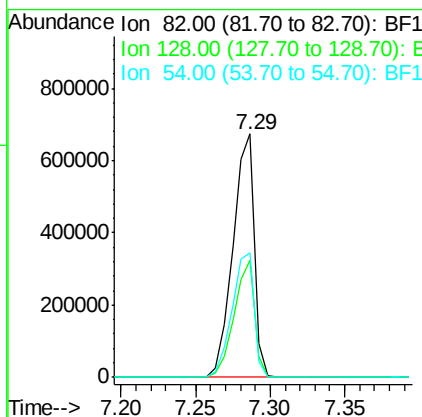
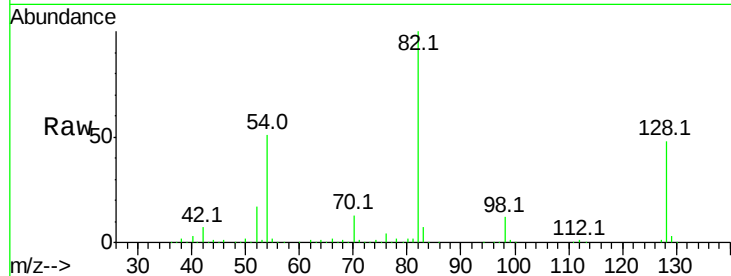




#23
 Nitrobenzene-d5
 Concen: 63.042 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

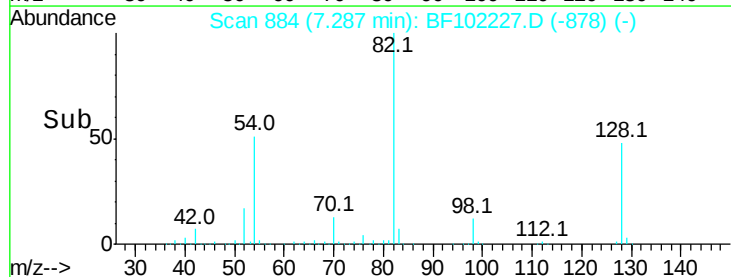
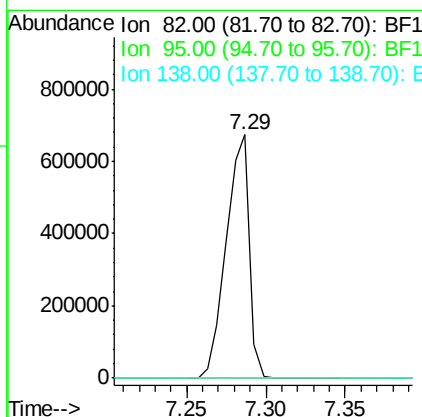
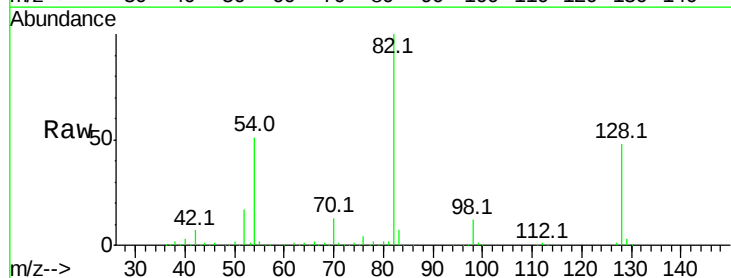
Instrument :
 BNA_F
 ClientSampleId :
 2B-2

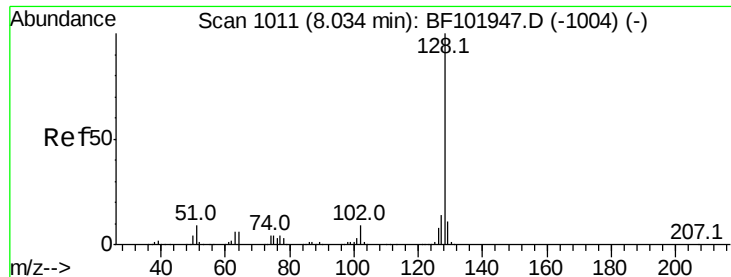
Tot Ion	82	Resp	679009
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	51.2	41.4	62.2



#25
 Isophorone
 Concen: 31.905 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

Tgt Ion	82	Resp	679002
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

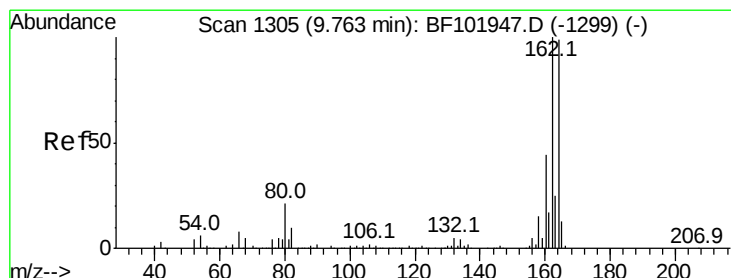
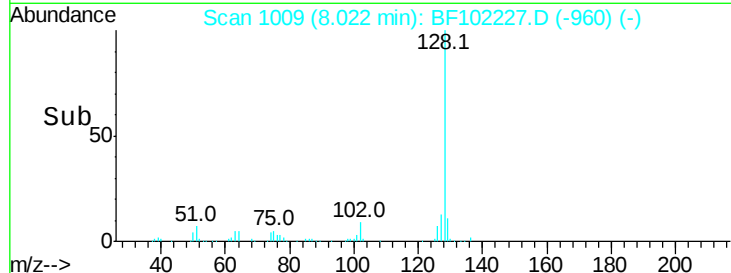
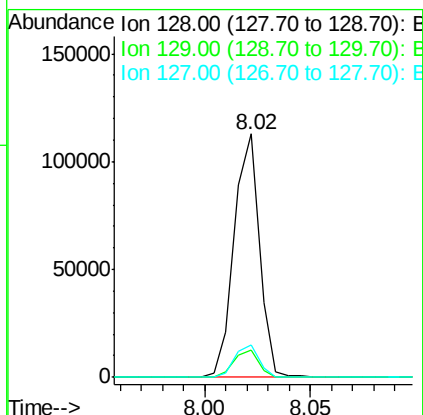
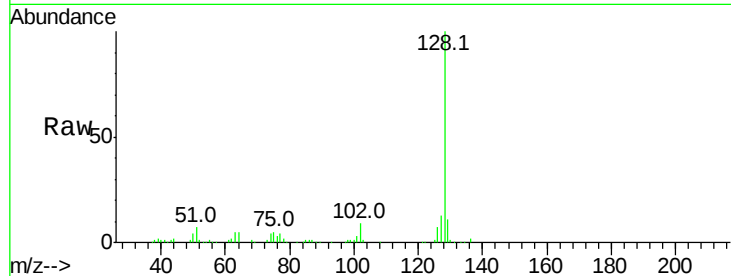




#31
Naphthalene
Concen: 2.941 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

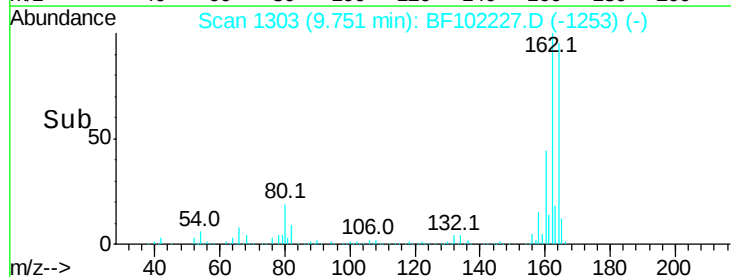
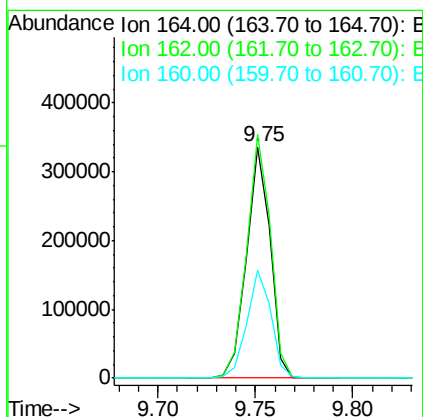
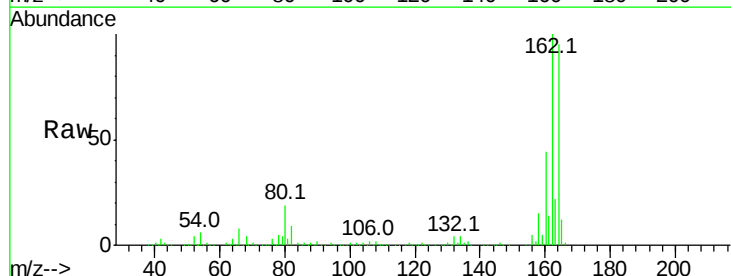
Instrument :
BNA_F
ClientSampleId :
2B-2

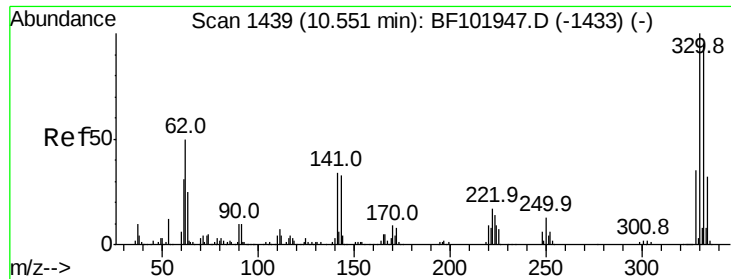
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 101.309 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

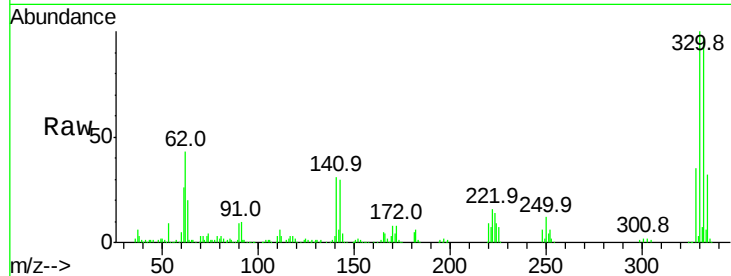
Tot Ion:330 Resp: 249651

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

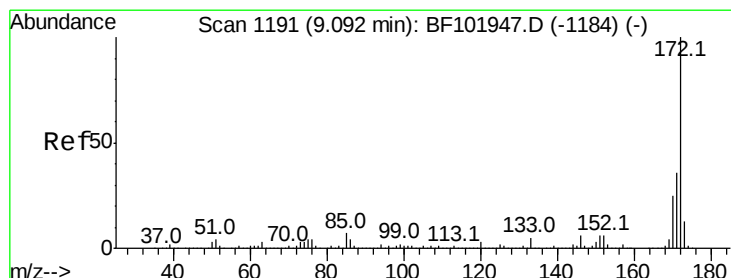
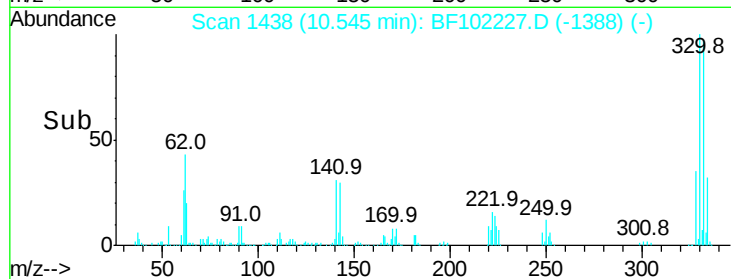
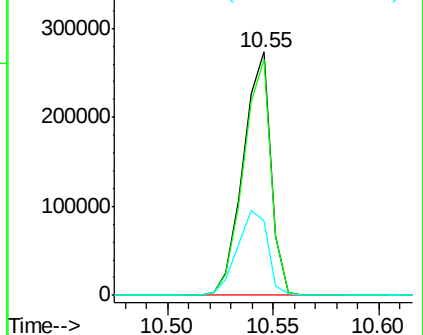
141 39.0 29.9 44.9



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: 62.597 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

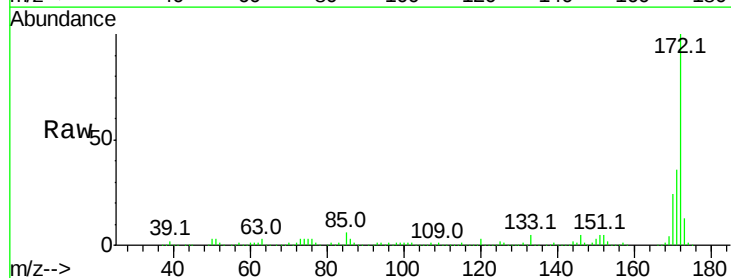
Tgt Ion:172 Resp: 1131419

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

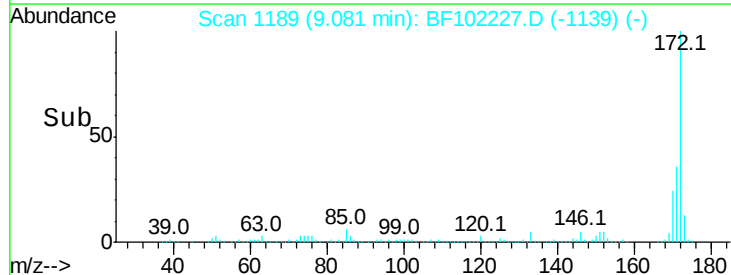
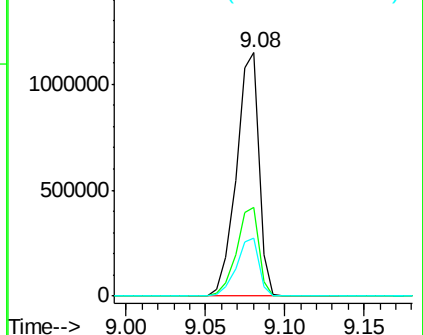
170 24.0 19.6 29.4

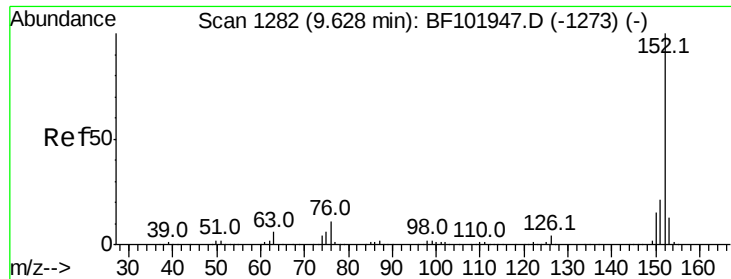


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.878 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

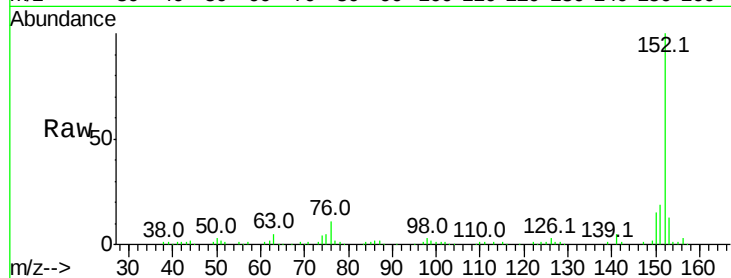
Tot Ion:152 Resp: 88395

Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

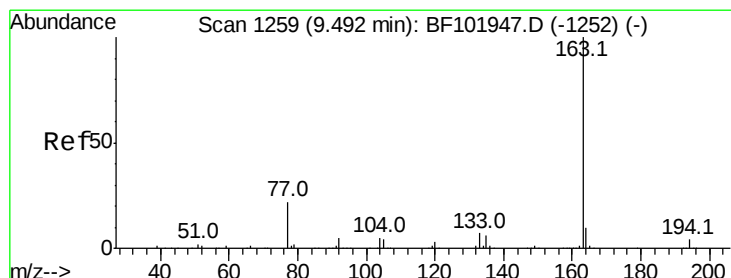
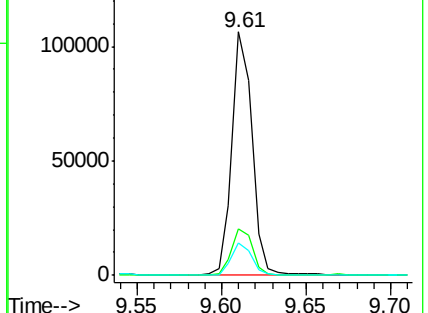
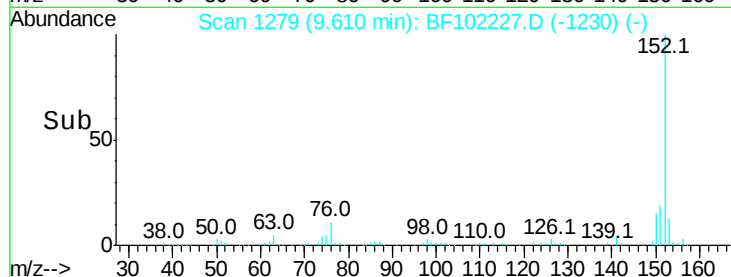
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 14.742 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

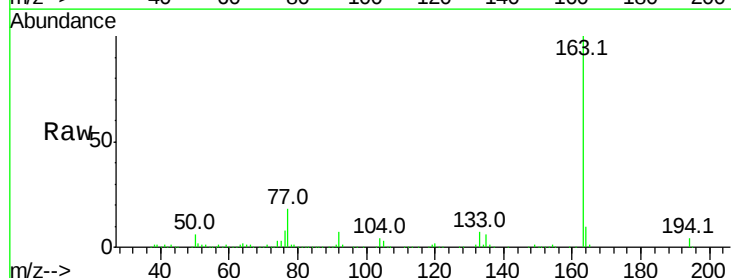
Tgt Ion:163 Resp: 333938

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

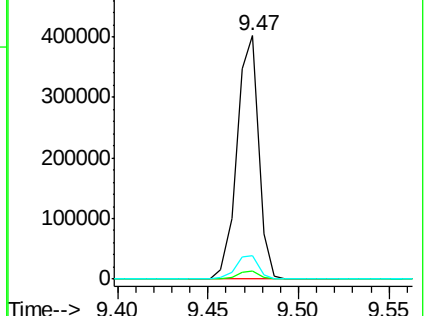
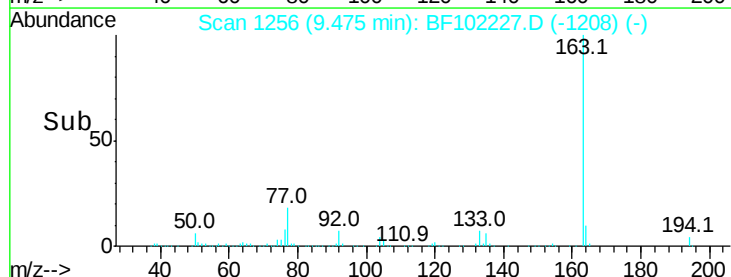
164 9.6 8.2 12.2

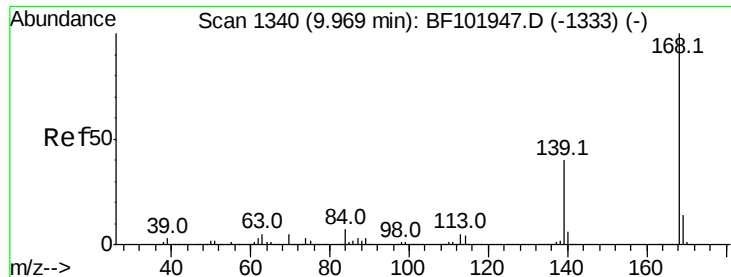


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 2.314 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

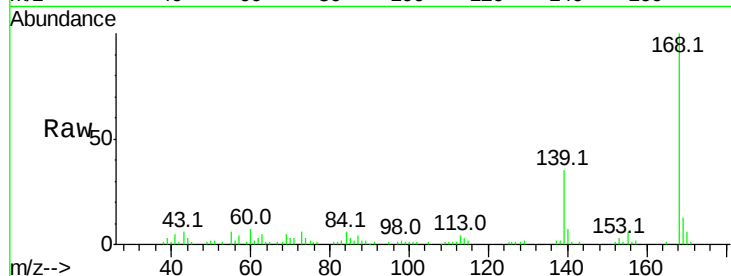
Tot Ion:168 Resp: 59199

Ion Ratio Lower Upper

168 100

139 35.0 30.1 45.1

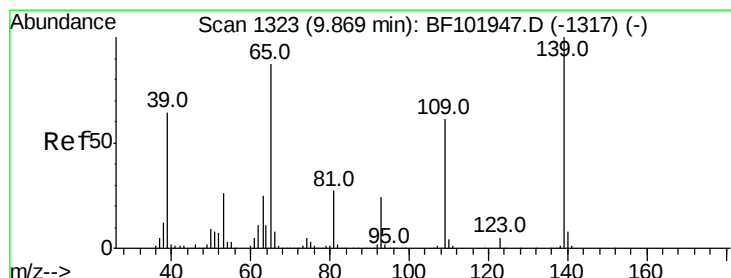
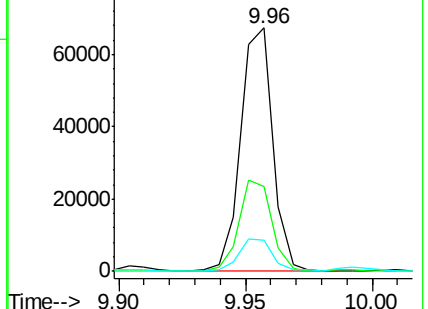
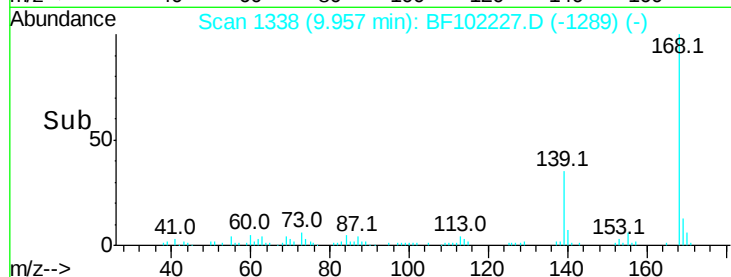
169 12.8 10.9 16.3



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: 5.316 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.07 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

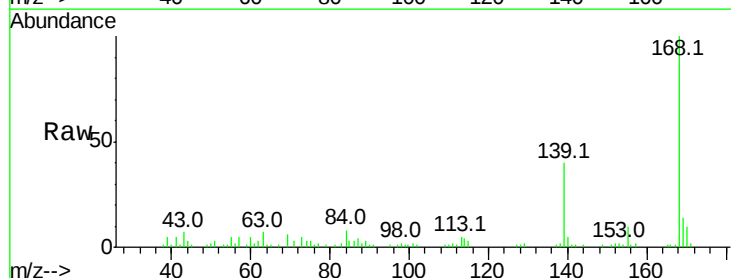
Tgt Ion:139 Resp: 22622

Ion Ratio Lower Upper

139 100

109 1.5 48.4 88.4#

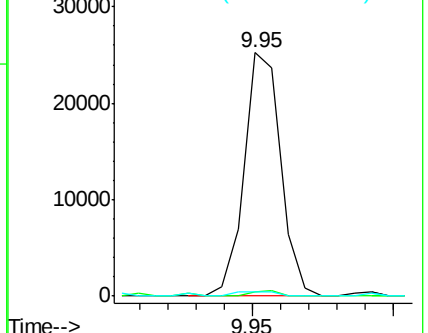
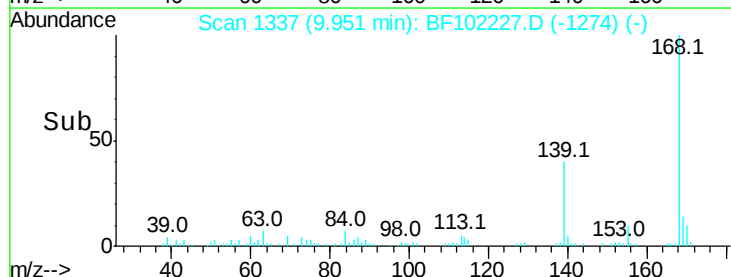
65 1.8 72.6 112.6#

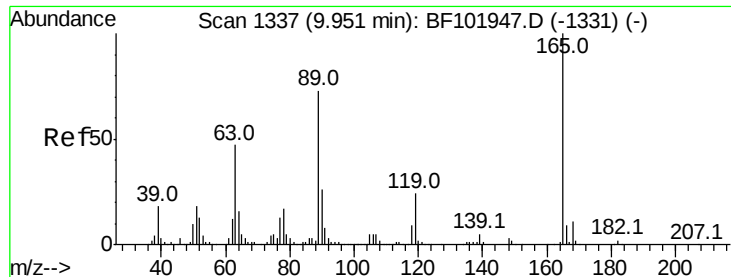


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

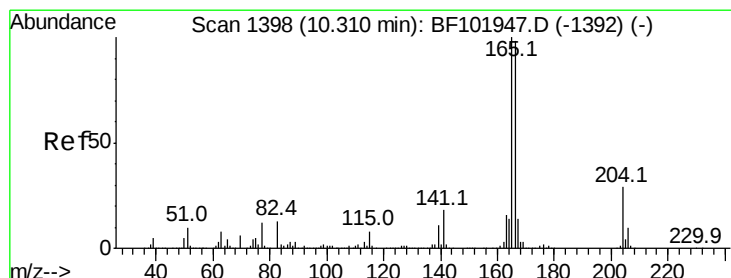
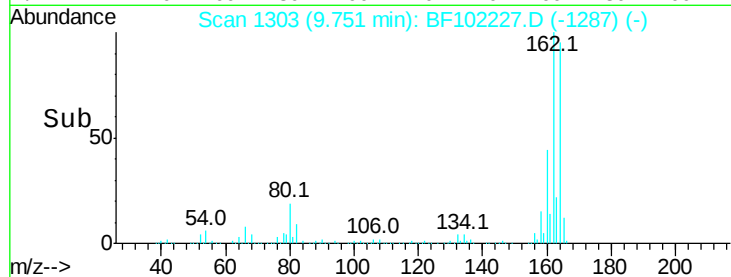
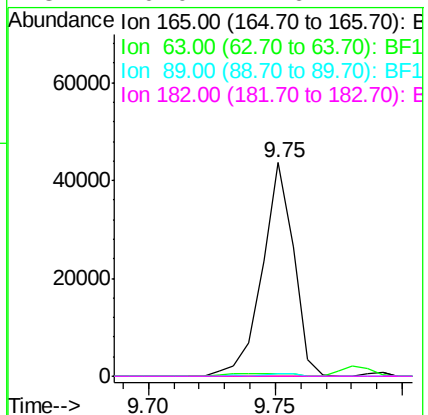
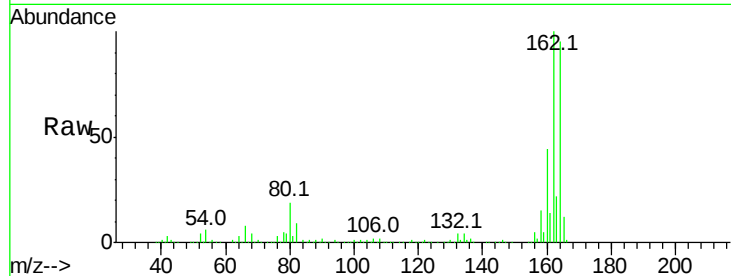




#56
2,4-Dinitrotoluene
Concen: 6.674 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

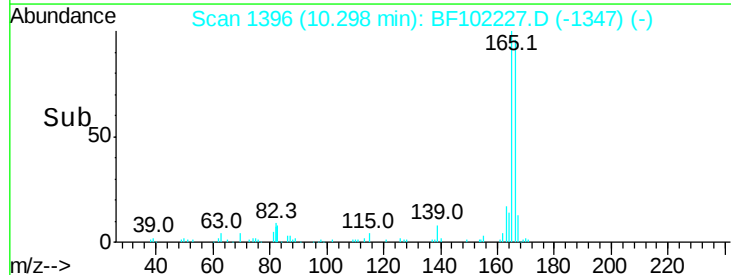
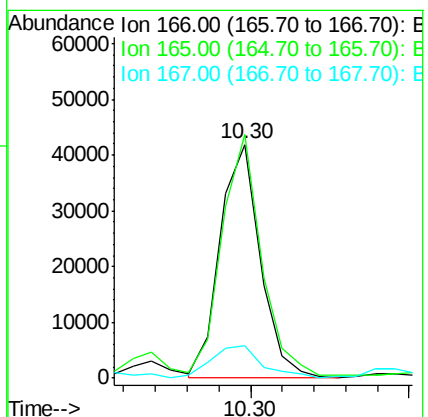
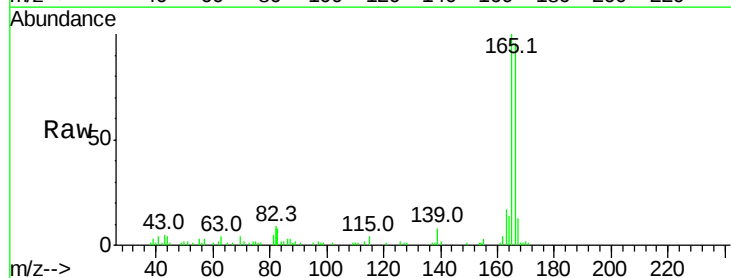
Instrument :
BNA_F
ClientSampleId :
2B-2

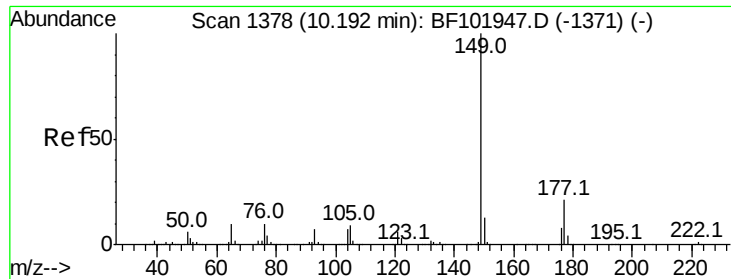
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.087 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.8	119.8
167	14.1	10.6	16.0

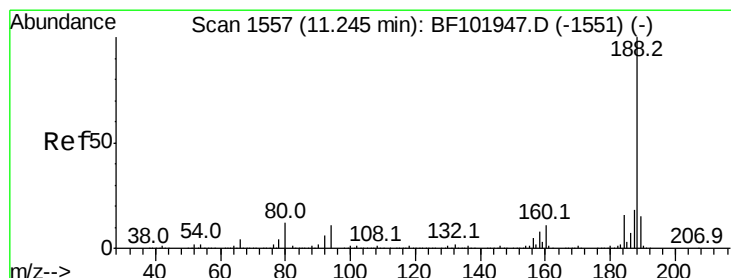
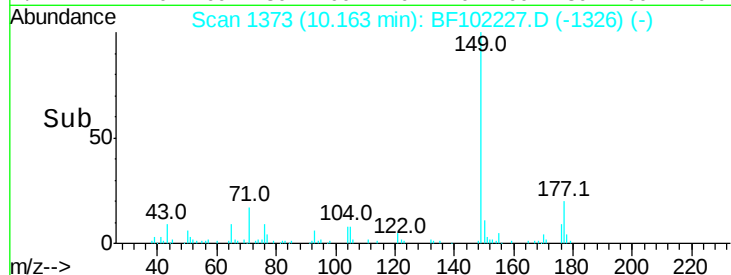
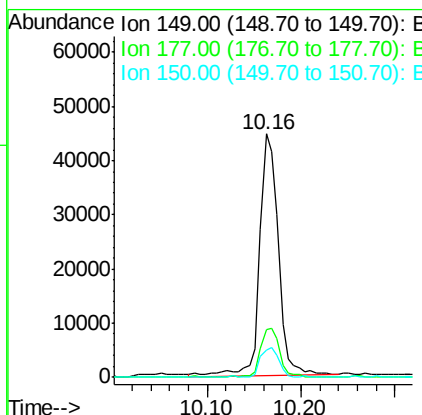
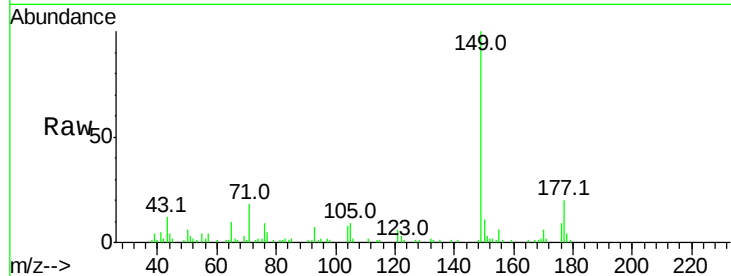




#59
Diethylphthalate
Concen: 2.752 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

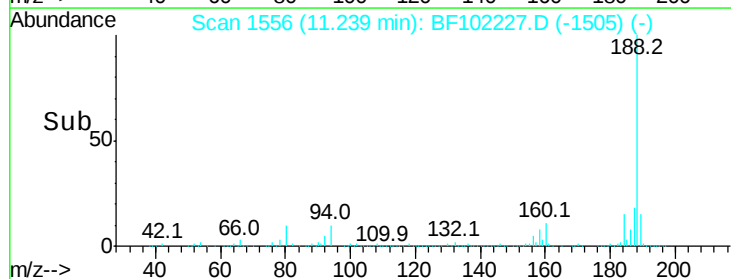
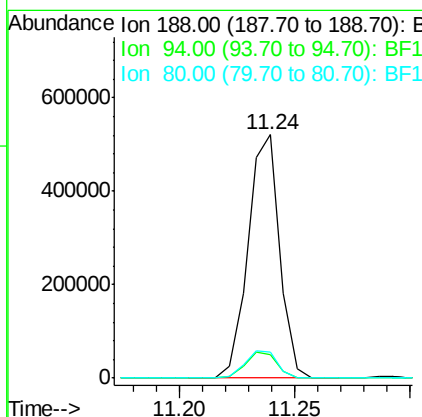
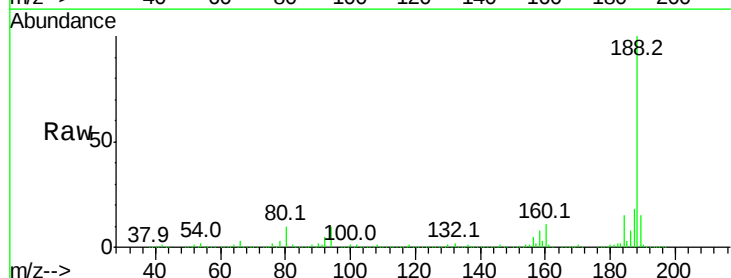
Instrument :
BNA_F
ClientSampleId :
2B-2

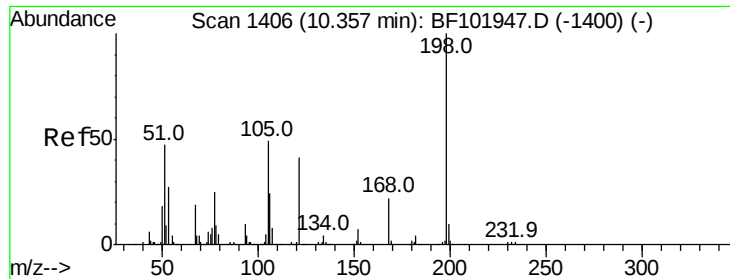
Tot Ion:	149	Resp:	62016
Ion	Ratio	Lower	Upper
149	100		
177	19.6	16.1	24.1
150	11.2	10.1	15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion:	188	Resp:	496858
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8

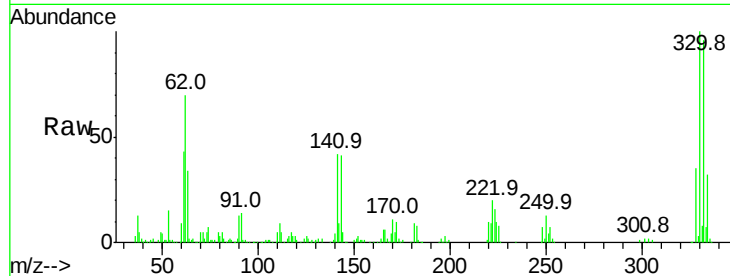




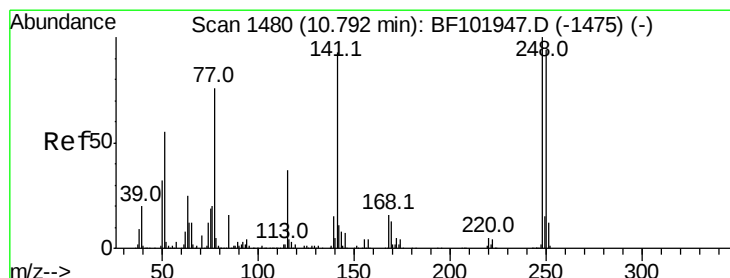
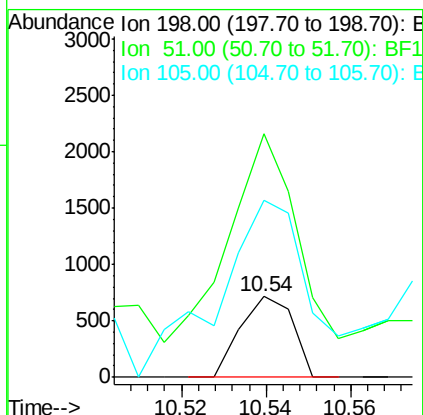
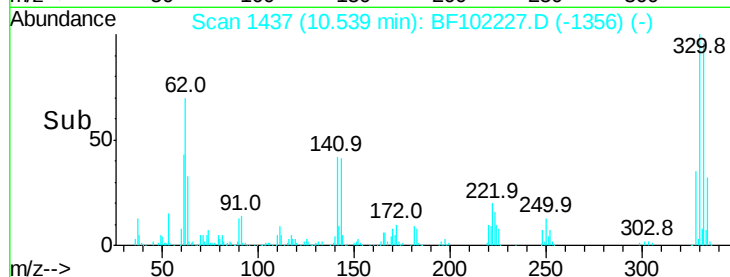
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.863 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampled :
 2B-2

Tot Ion:198 Resp: 615
 Ion Ratio Lower Upper
 198 100
 51 302.2 37.7 77.7#
 105 220.3 36.3 76.3#

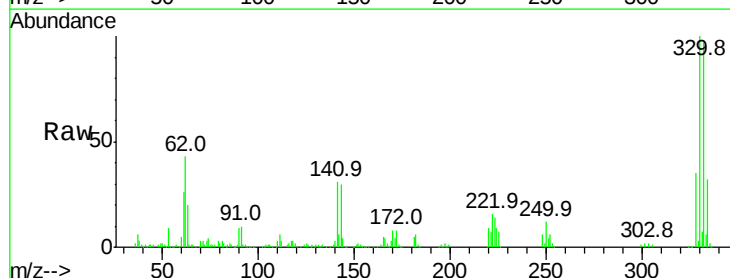


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

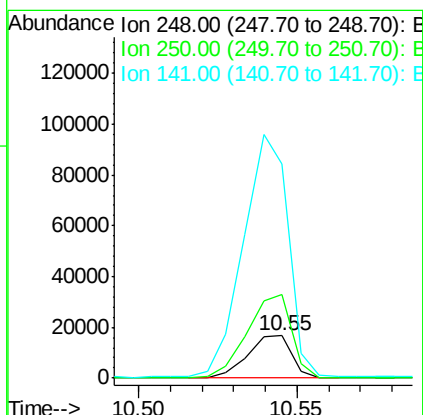
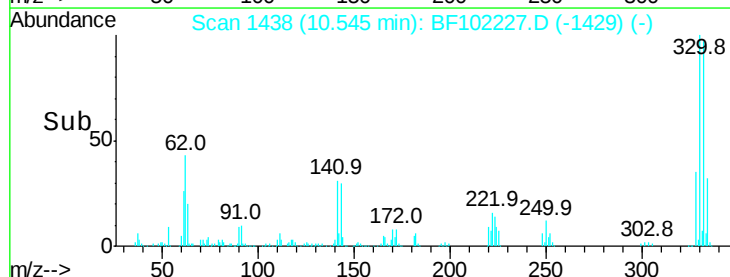


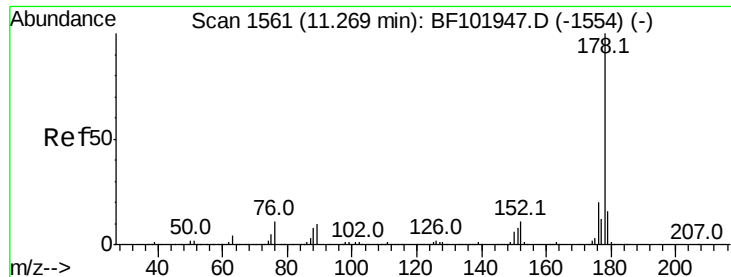
#66
 4-Bromophenyl-phenylether
 Concen: 3.071 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

Tgt Ion:248 Resp: 16114
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 503.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 32.498 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

2B-2

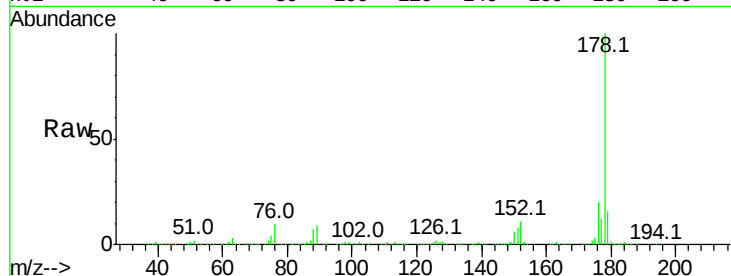
Tot Ion:178 Resp: 943206

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

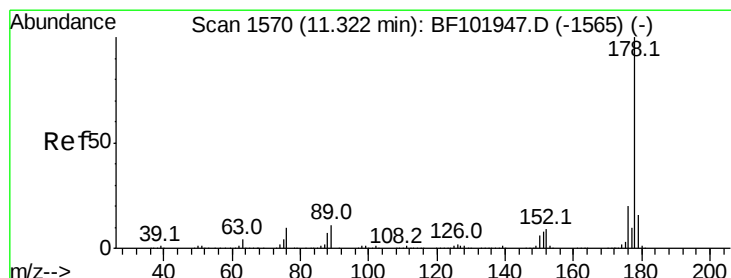
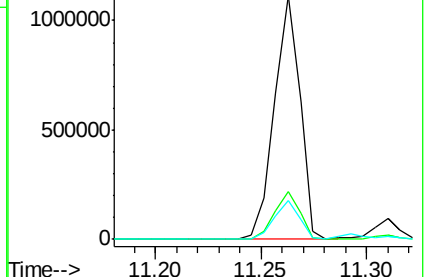
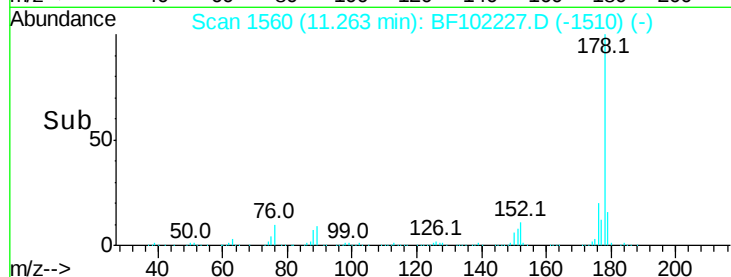
179 15.8 13.0 19.6



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: 2.595 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

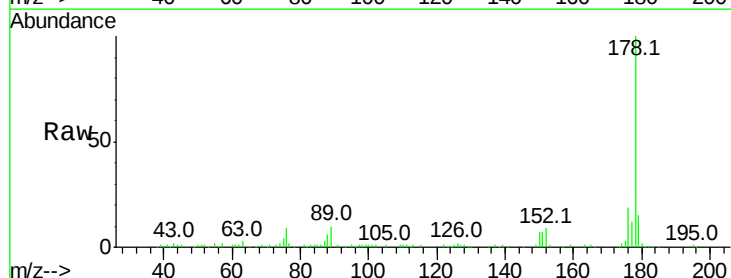
Tgt Ion:178 Resp: 76372

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

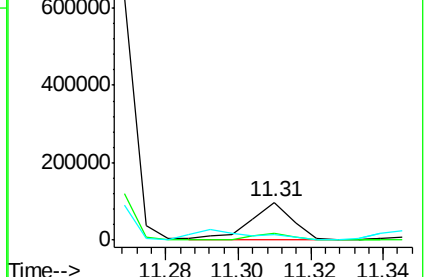
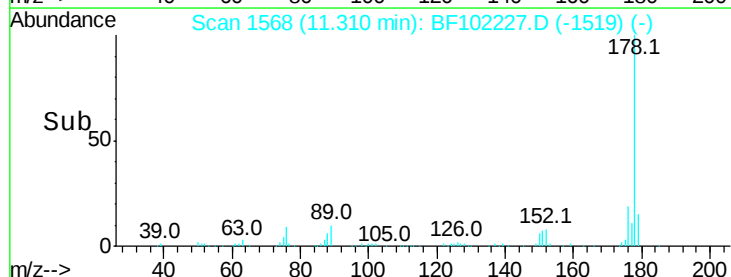
179 15.0 12.6 19.0

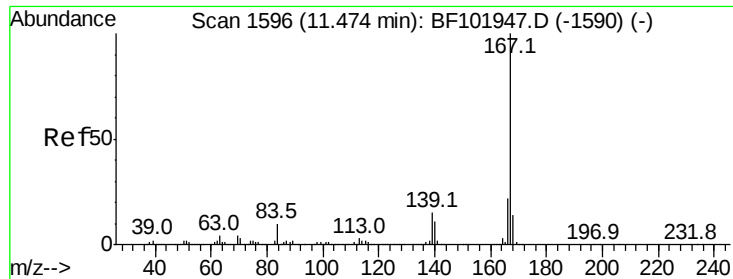


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.986 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

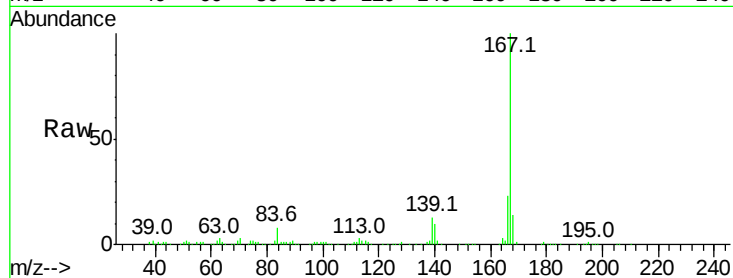
Tot Ion:167 Resp: 173189

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

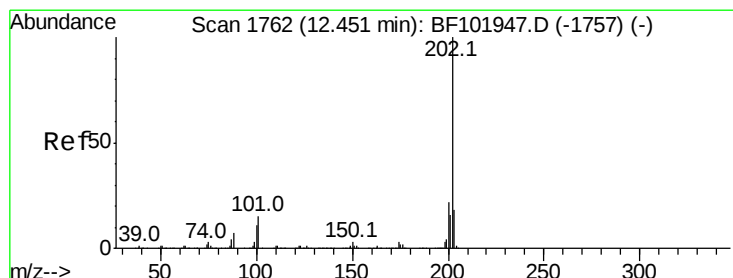
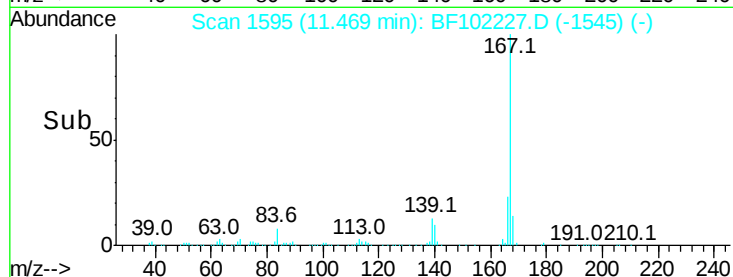
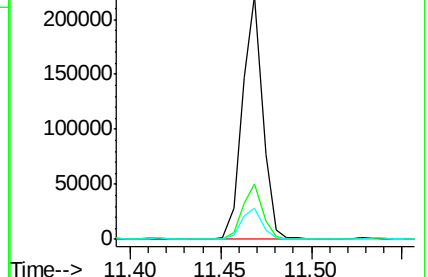
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 39.070 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

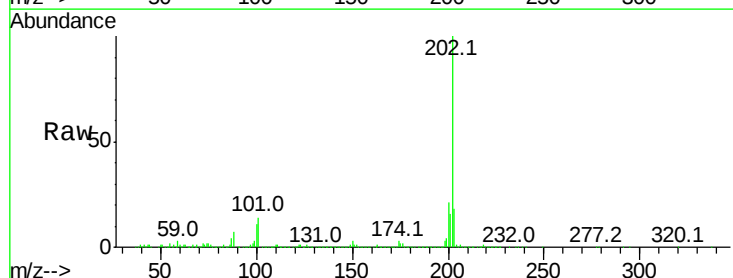
Tgt Ion:202 Resp: 1115646

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

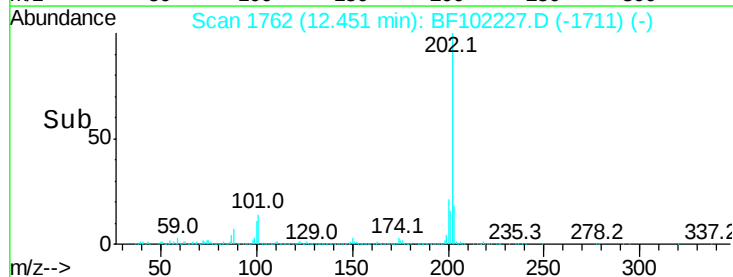
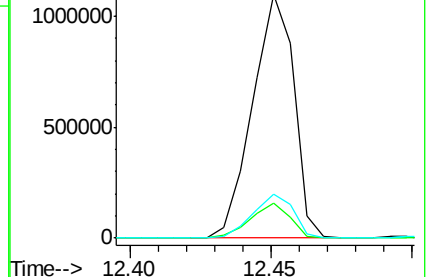
203 18.0 0.0 38.1

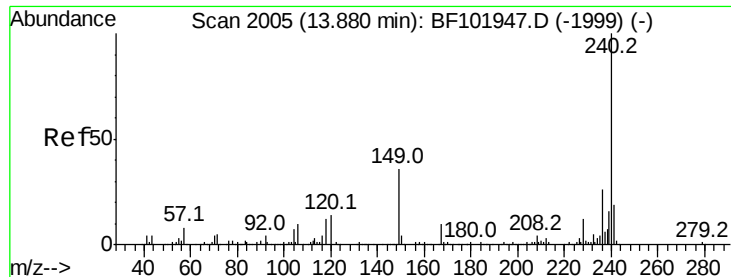


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

2B-2

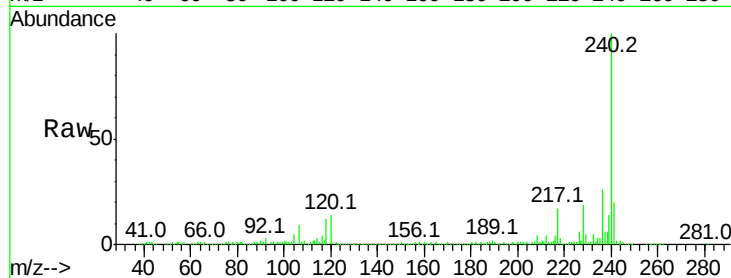
Tot Ion:240 Resp: 327897

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

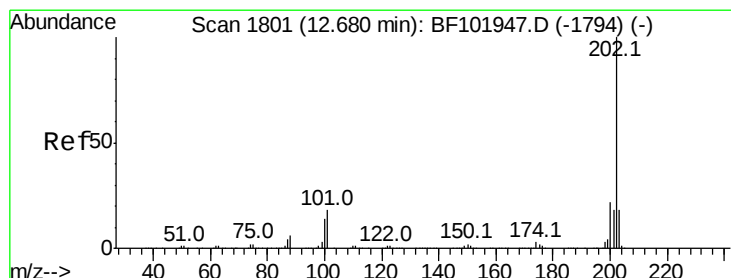
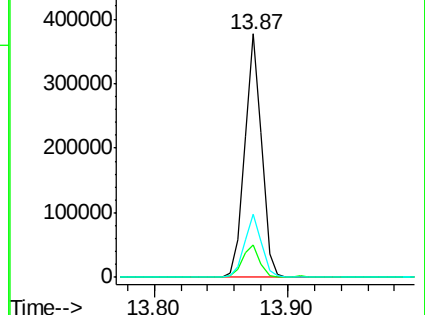
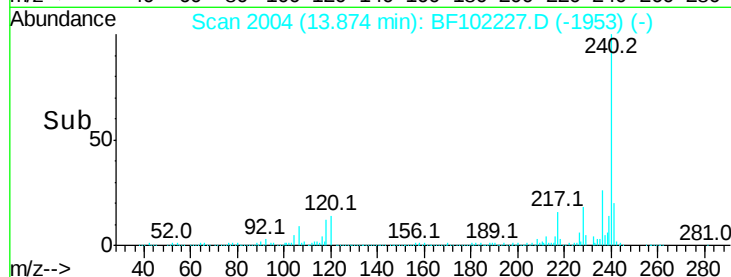
236 26.0 20.7 31.1



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: 34.107 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

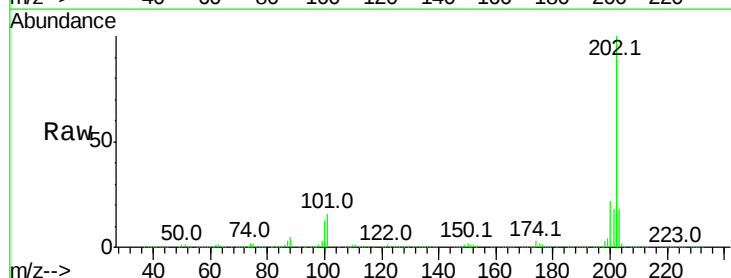
Tgt Ion:202 Resp: 988565

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

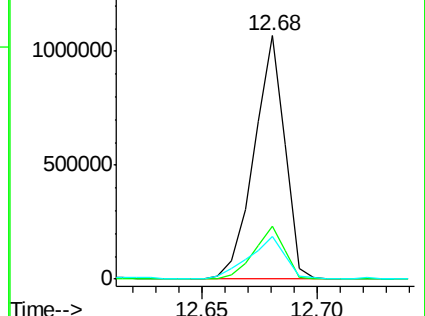
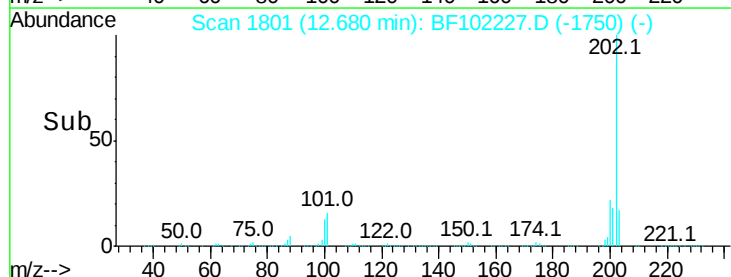
203 17.7 14.3 21.5

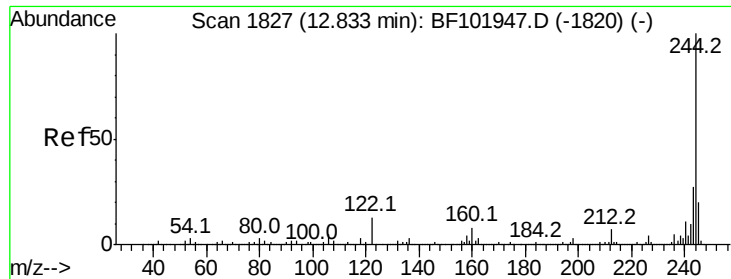


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

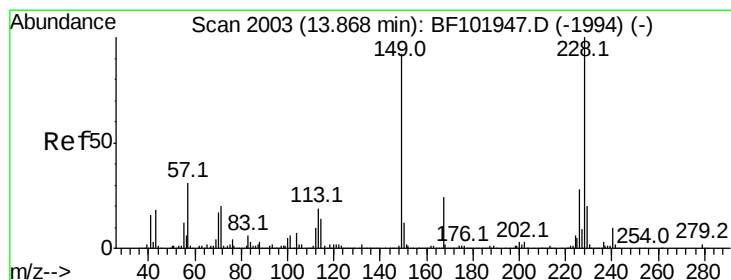
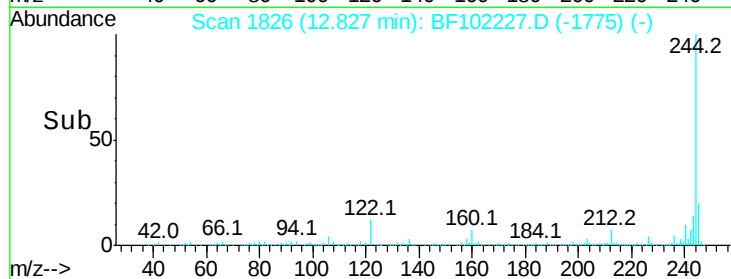
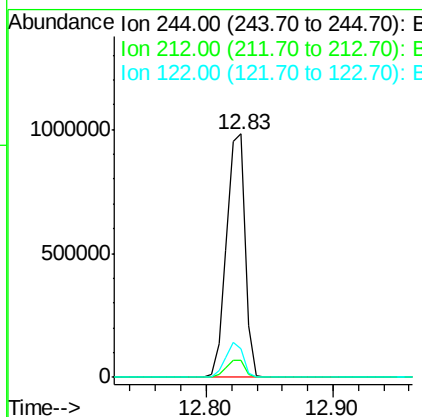
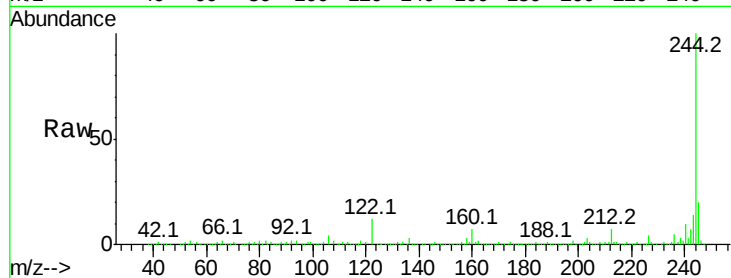




#78
 Terphenyl-d14
 Concen: 63.059 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

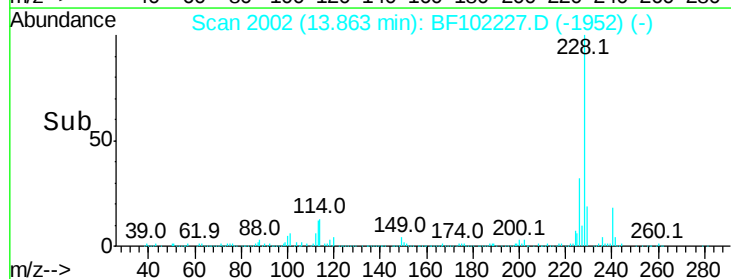
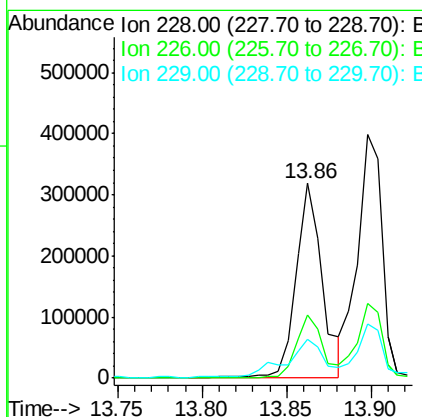
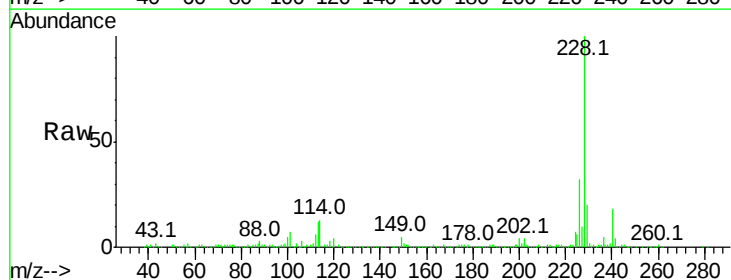
Instrument :
 BNA_F
 ClientSampled :
 2B-2

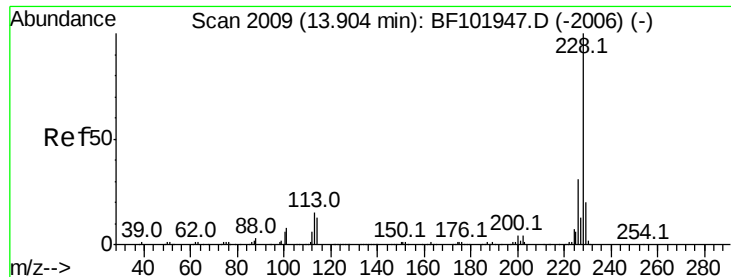
Tot Ion:244 Resp: 995875
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 16.479 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

Tgt Ion:228 Resp: 344744
 Ion Ratio Lower Upper
 228 100
 226 32.2 22.6 33.8
 229 20.1 15.8 23.6

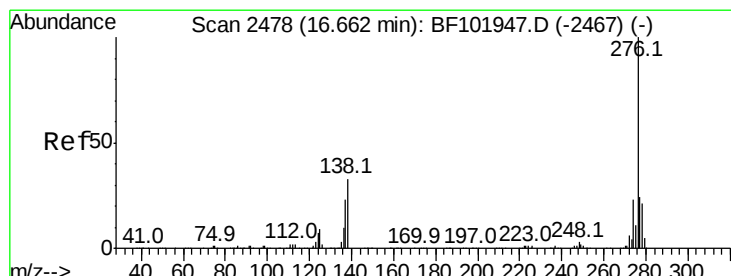
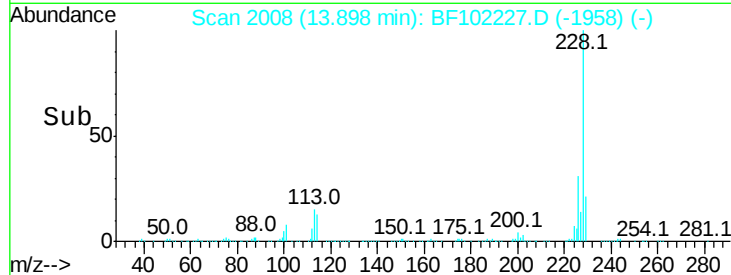
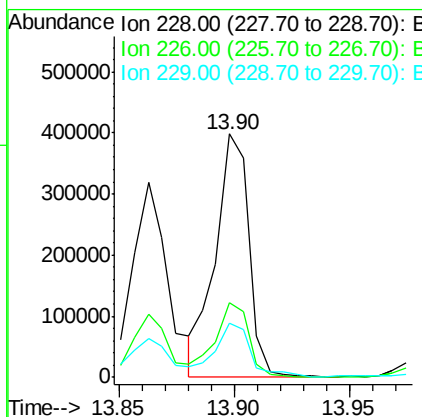
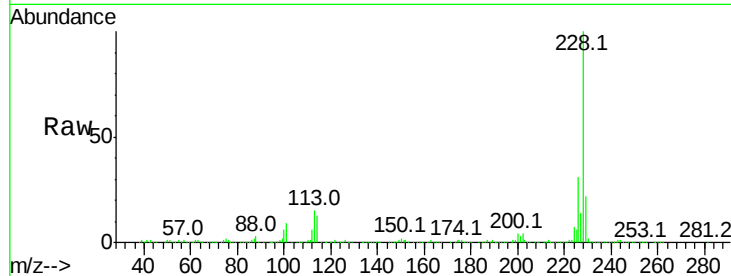




#82
Chrysene
Concen: 18.313 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

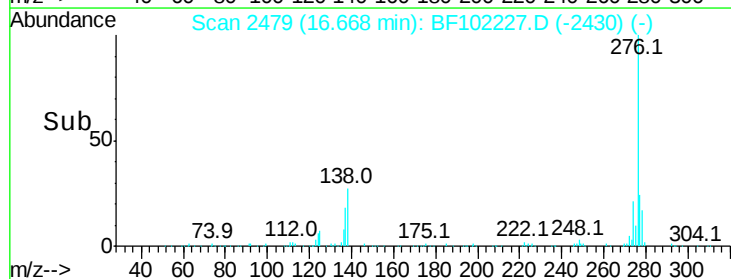
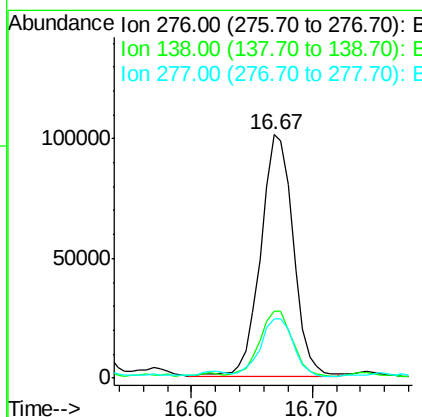
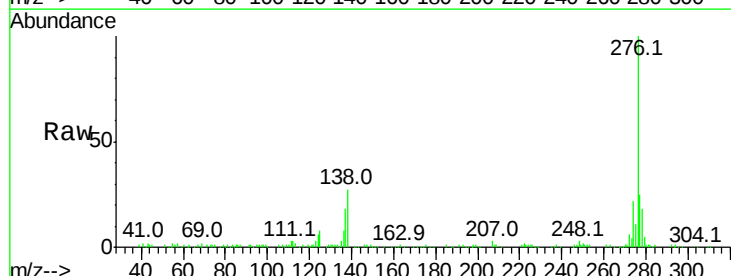
Instrument :
BNA_F
ClientSampleId :
2B-2

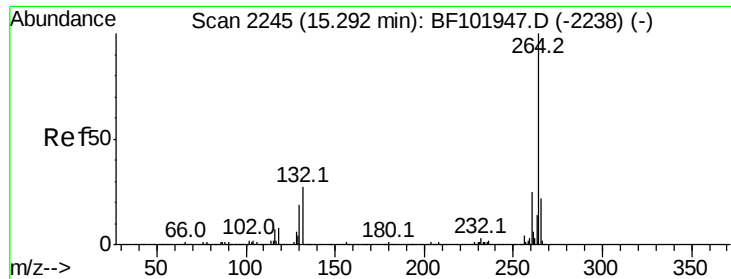
Tot Ion:228 Resp: 399482
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 22.1 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 11.827 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion:276 Resp: 187781
Ion Ratio Lower Upper
276 100
138 27.9 25.0 37.6
277 24.5 20.1 30.1

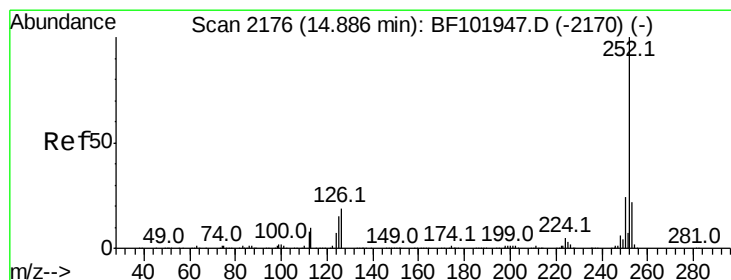
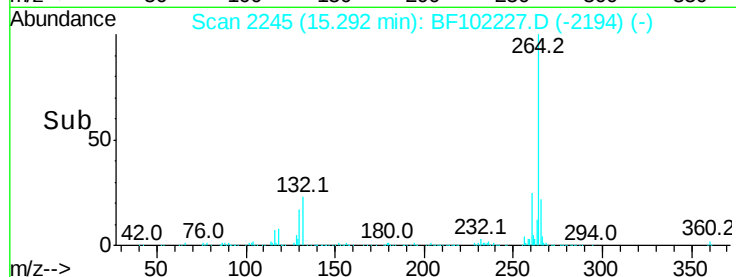
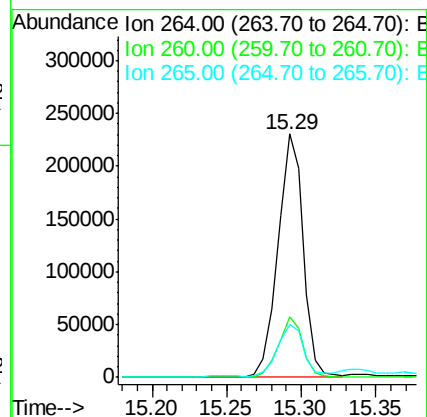
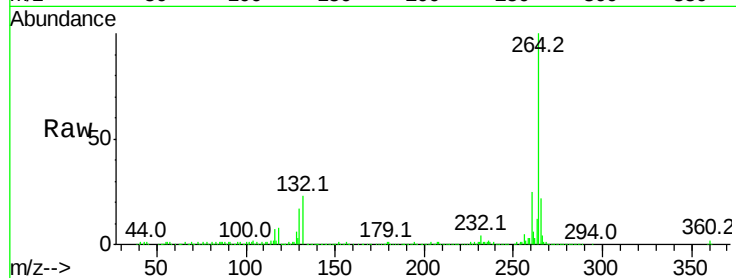




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

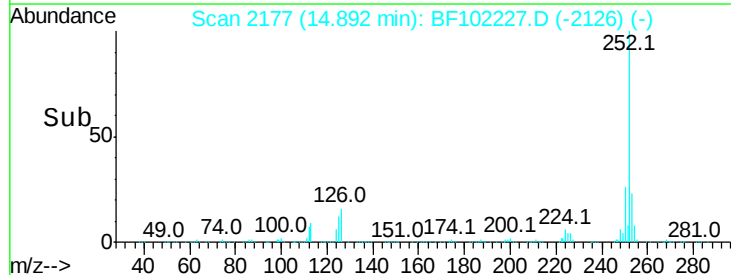
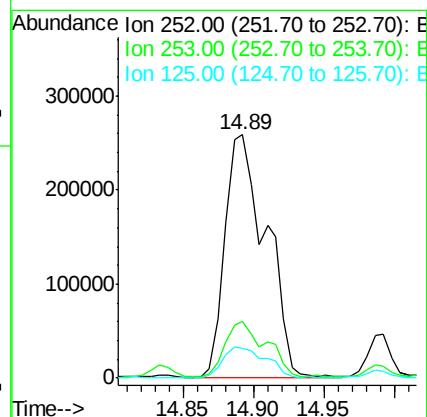
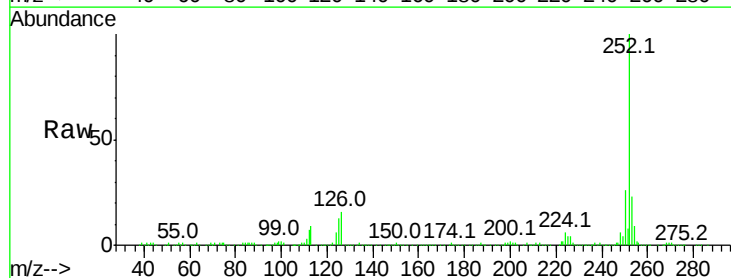
Instrument :
 BNA_F
 ClientSampleId :
 2B-2

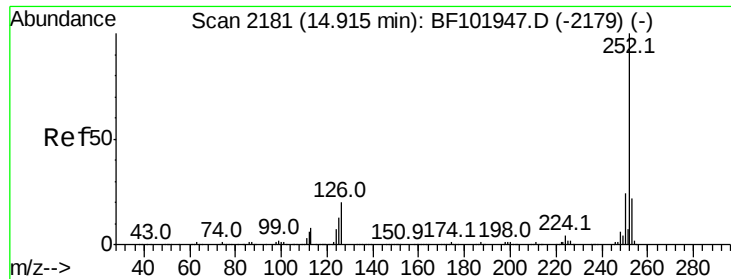
Tot Ion:264 Resp: 272522
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.0 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 29.625 ng
 RT: 14.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BF102227.D
 Acq: 19 Jan 2018 20:11

Tgt Ion:252 Resp: 526423
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.0 25.6
 125 12.5 9.0 13.6

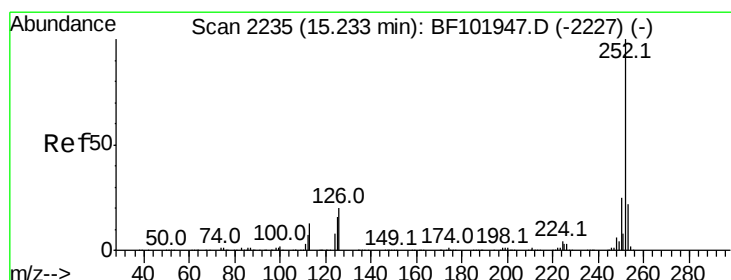
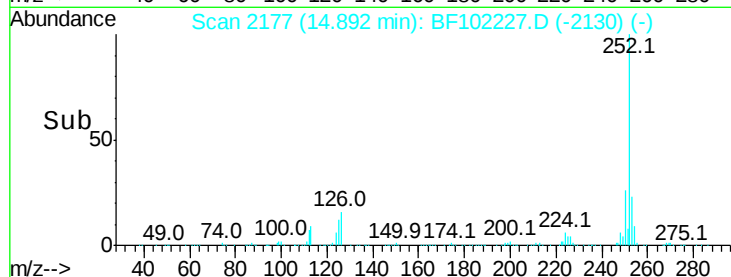
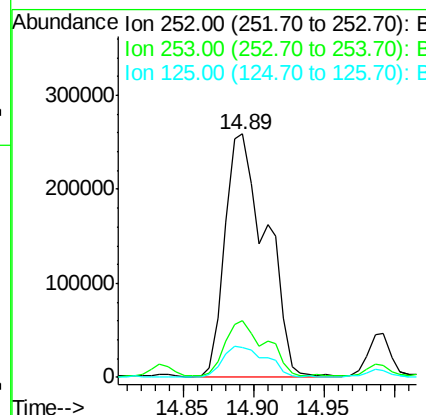
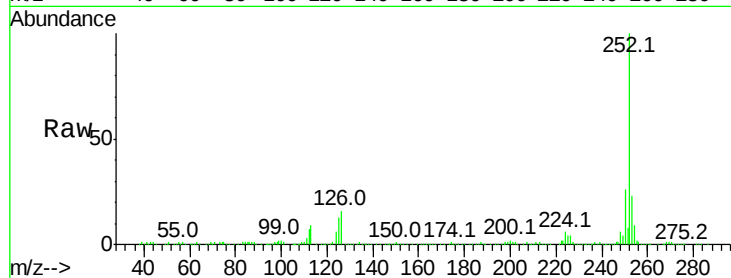




#88
Benzo(k)fluoranthene
Concen: 30.710 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

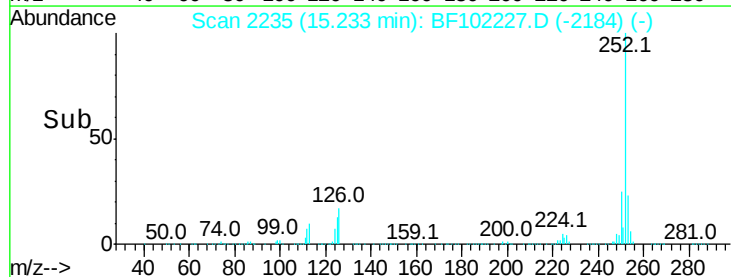
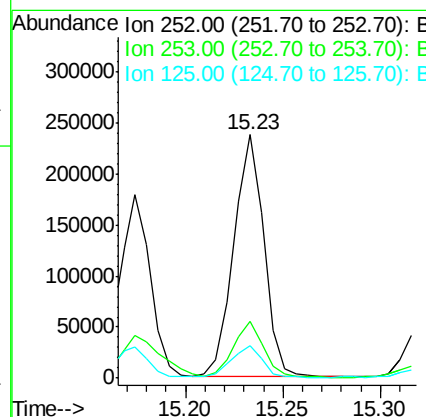
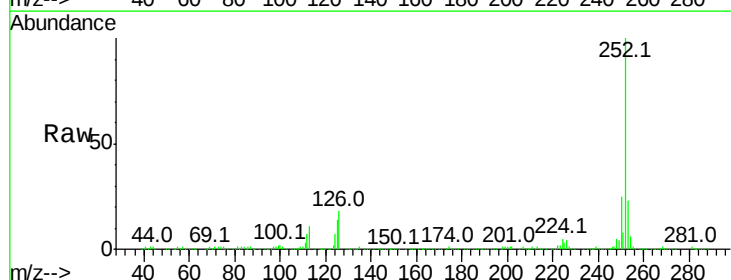
Instrument :
BNA_F
ClientSampleId :
2B-2

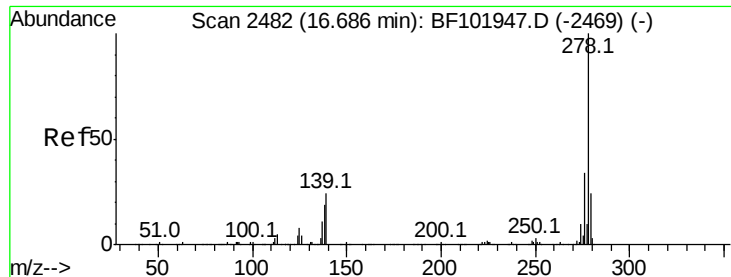
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 15.885 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102227.D
Acq: 19 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.6	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.242 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.19 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

2B-2

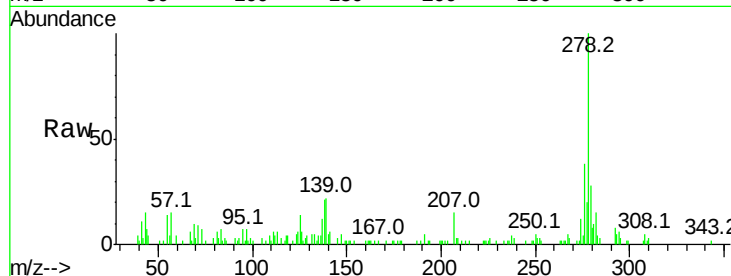
Tot Ion:278 Resp: 41370

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	27.9	19.0	28.4

278 100

139 22.2 15.9 23.9

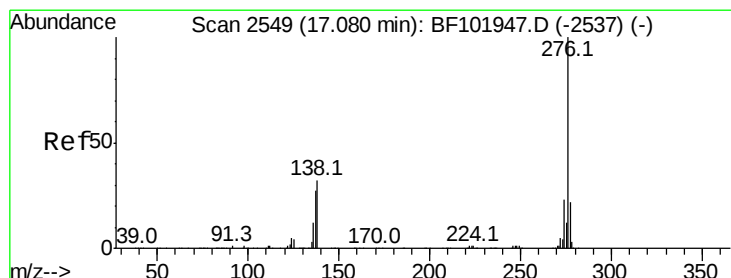
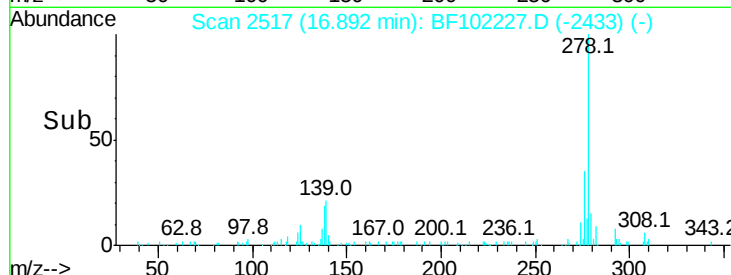
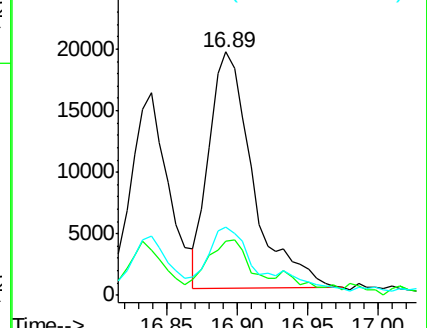
279 27.9 19.0 28.4



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: 14.683 ng

RT: 17.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF102227.D

Acq: 19 Jan 2018 20:11

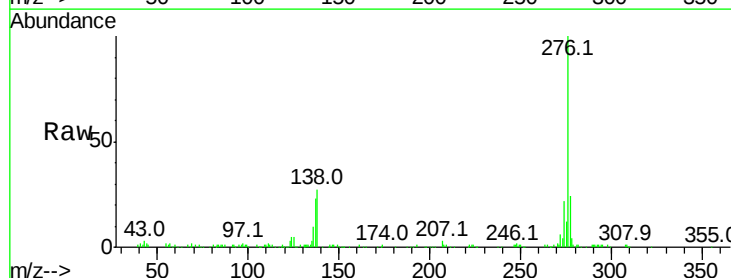
Tgt Ion:276 Resp: 188738

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	26.6	21.8	32.8

276 100

277 23.9 17.9 26.9

138 26.6 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

