

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102202.D
 Acq On : 18 Jan 2018 20:07
 Operator : SJ/JU
 Sample : J1187-10 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:15:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153045	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	609974	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	253982	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	383091	20.00	ng	0.00
75) Chrysene-d12	13.88	240	254103	20.00	ng	0.00
86) Perylene-d12	15.30	264	233318	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	535907	49.45	ng	0.00
7) Phenol-d6	6.36	99	635220	49.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	377562	36.37	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	113465	51.19	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	631685	38.86	ng	0.00
78) Terphenyl-d14	12.82	244	391889	32.02	ng	0.00

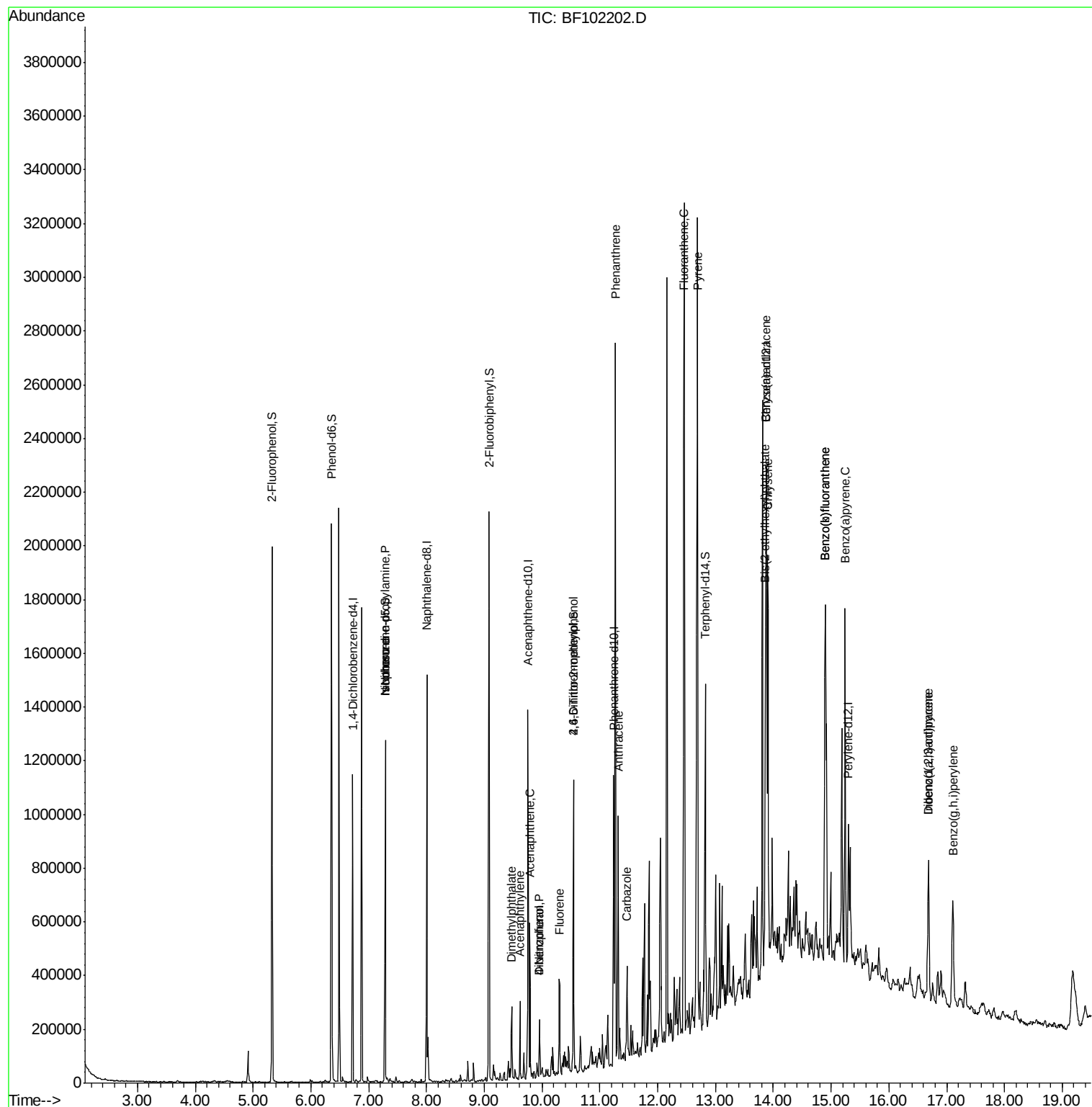
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	50131	5.916	ng	# 79
25) Isophorone	7.29	82	374881	18.278	ng	# 64
48) Acenaphthylene	9.62	152	102865	3.723	ng	98
49) Dimethylphthalate	9.47	163	86328	4.237	ng	97
51) Acenaphthene	9.79	154	107910	6.435	ng	98
54) Dibenzofuran	9.96	168	64483	2.802	ng	100
55) 4-Nitrophenol	9.96	139	24321	6.354	ng	# 11
57) Fluorene	10.30	166	101022	6.350	ng	99
64) 4,6-Dinitro-2-methylphenol	10.54	198	264	5.774	ng	# 1
70) Phenanthrene	11.27	178	975963	43.613	ng	99
71) Anthracene	11.32	178	311259	13.715	ng	98
72) Carbazole	11.47	167	120437	5.399	ng	100
74) Fluoranthene	12.46	202	1385498	62.930	ng	99
77) Pyrene	12.69	202	1351981	60.192	ng	100
80) Benzo(a)anthracene	13.87	228	722344	44.555	ng	97
82) Chrysene	13.90	228	613651	36.300	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	41915	3.545	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.69	276	327437	26.612	ng	94
87) Benzo(b)fluoranthene	14.90	252	1064767	69.990	ng	# 95
88) Benzo(k)fluoranthene	14.90	252	1064767	72.553	ng	98
89) Benzo(a)pyrene	15.24	252	592124	43.253	ng	96
90) Dibenzo(a,h)anthracene	16.69	278	83620	7.654	ng	92
91) Benzo(g,h,i)perylene	17.11	276	297121	26.999	ng	97

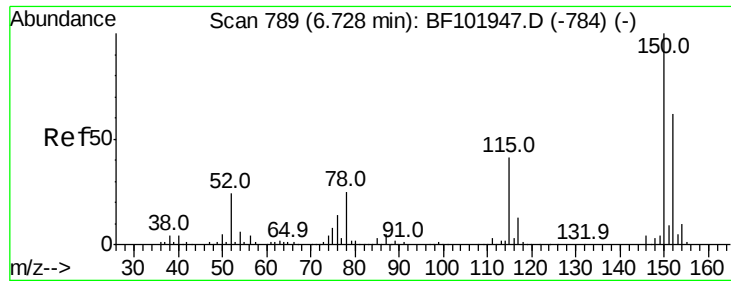
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102202.D
Acq On : 18 Jan 2018 20:07
Operator : SJ/JU
Sample : J1187-10 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 19 00:15:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



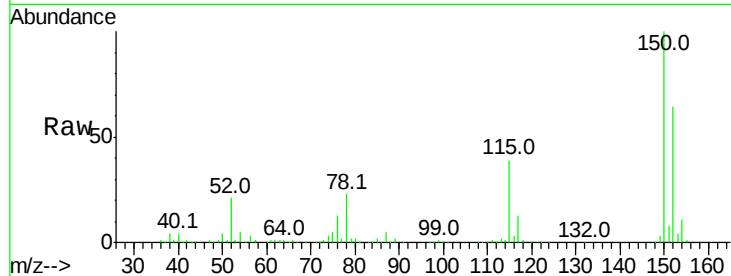


#1

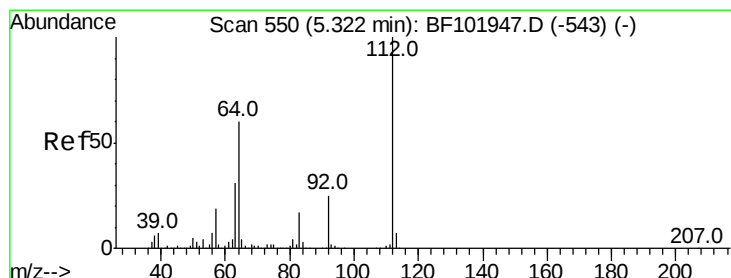
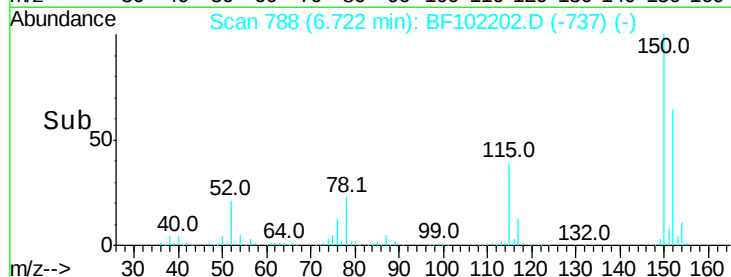
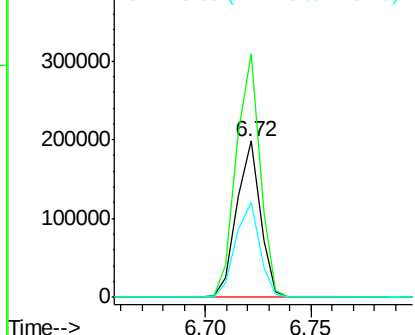
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153045
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.6 50.1 75.1



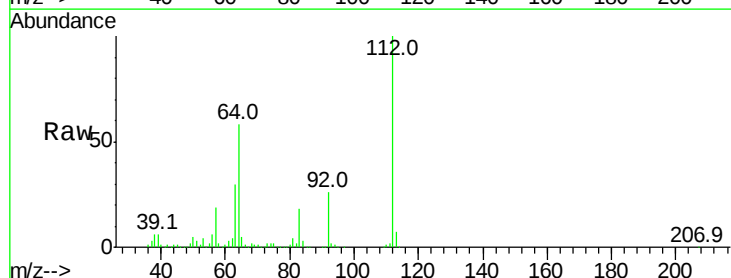
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



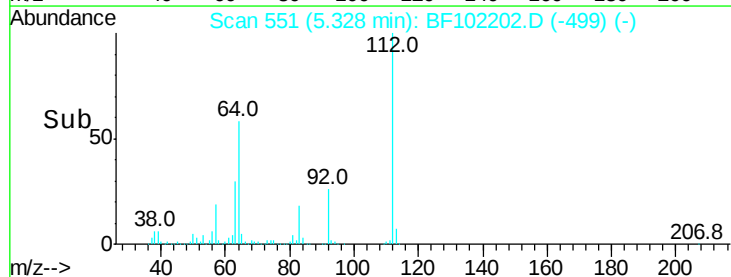
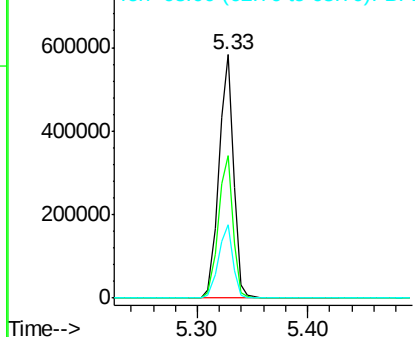
#5

2-Fluorophenol
Concen: 49.446 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Tgt Ion:112 Resp: 535907
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 30.3 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: 49.123 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampled :

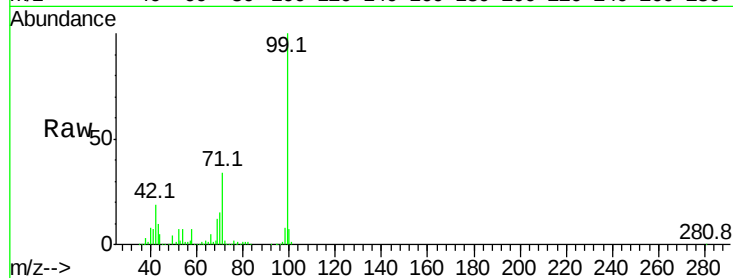
Tot Ion: 99 Resp: 635220

Ion Ratio Lower Upper

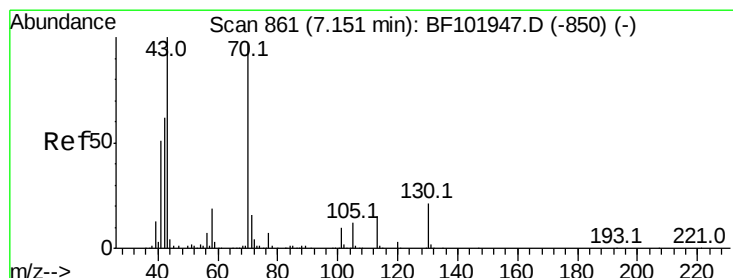
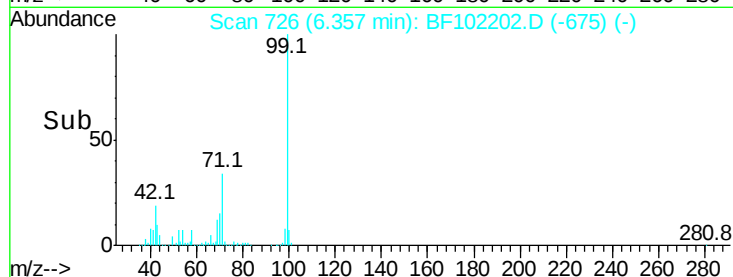
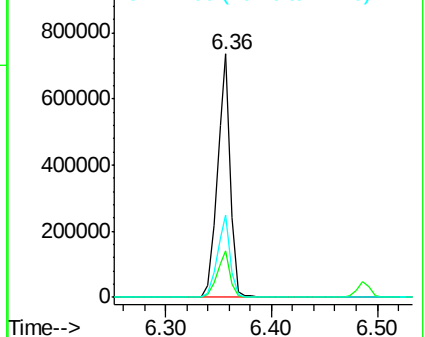
99 100

42 19.1 14.5 21.7

71 33.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.916 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Tgt Ion: 70 Resp: 50131

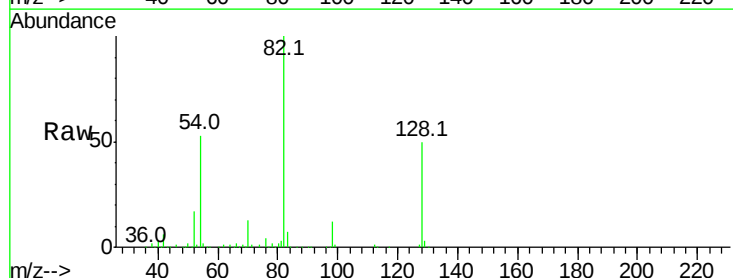
Ion Ratio Lower Upper

70 100

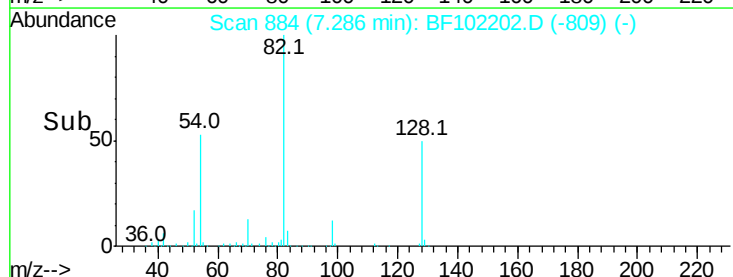
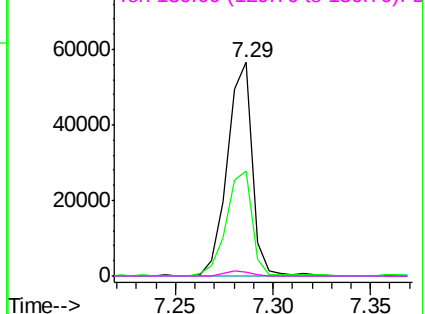
42 48.9 47.5 71.3

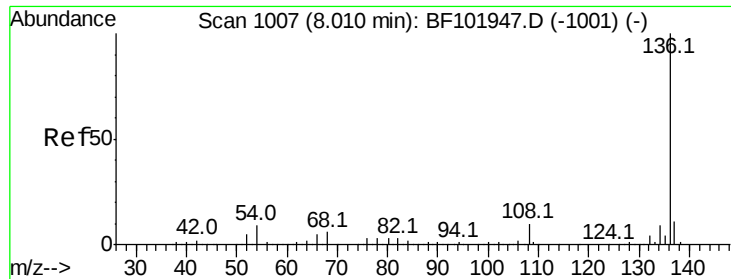
101 0.0 7.4 11.2#

130 1.9 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

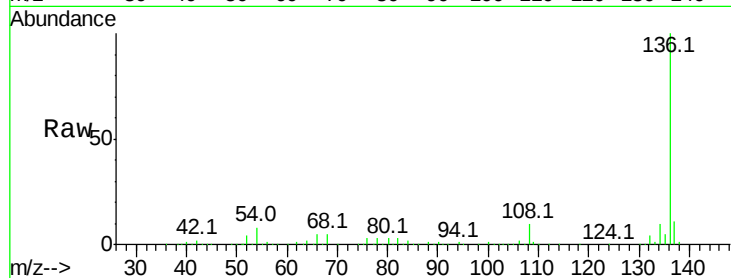




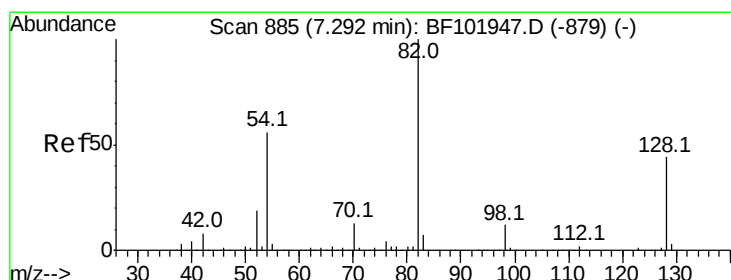
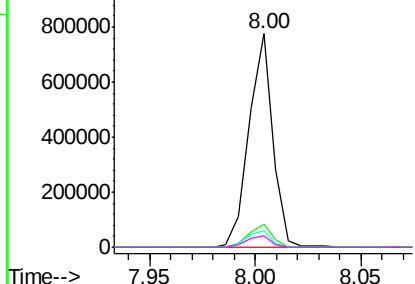
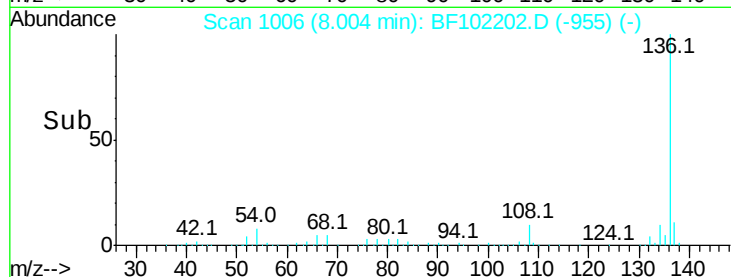
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	609974
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4

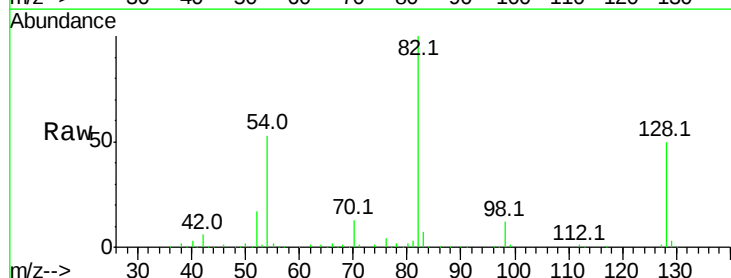


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

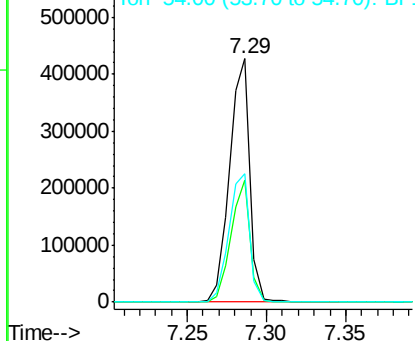
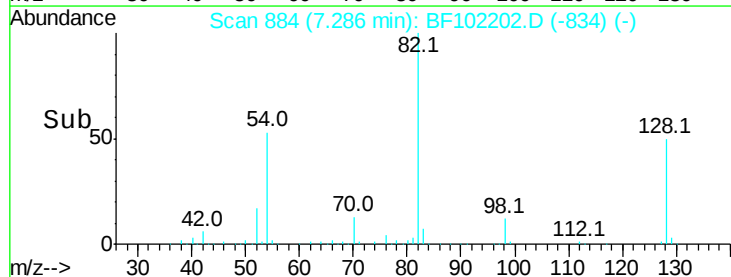


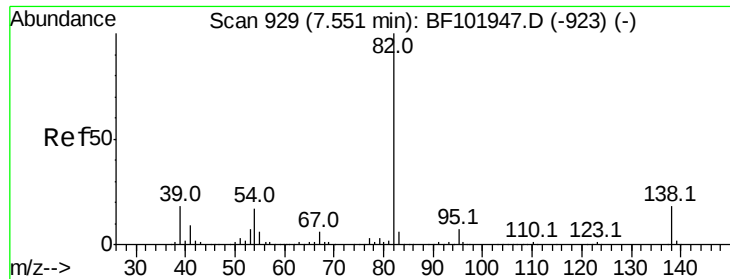
#23
Nitrobenzene-d5
Concen: 36.374 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Tgt Ion:	82	Resp:	377562
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	52.6	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: 18.278 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

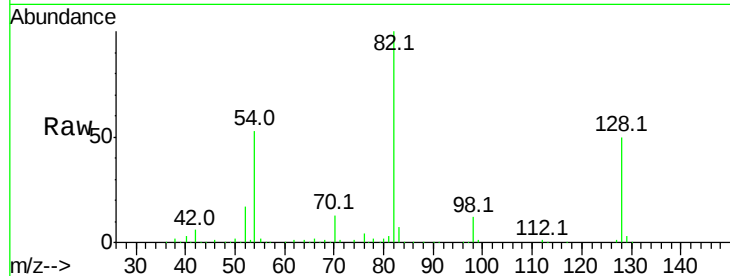
Tot Ion: 82 Resp: 374881

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

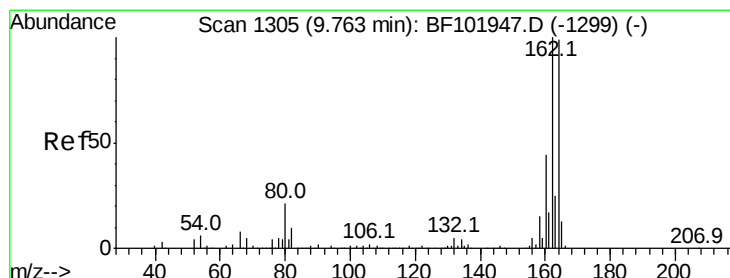
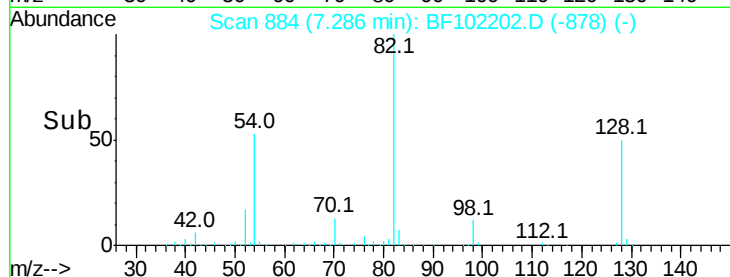
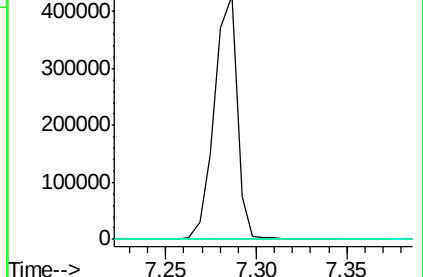
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

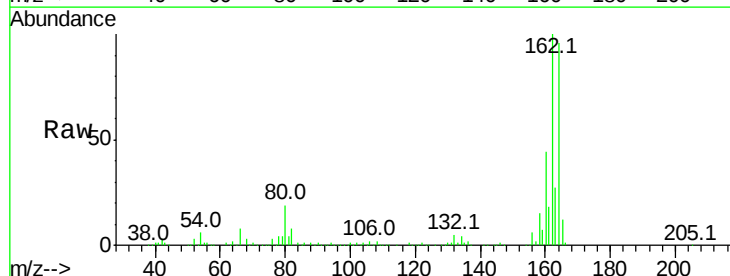
Tgt Ion: 164 Resp: 253982

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

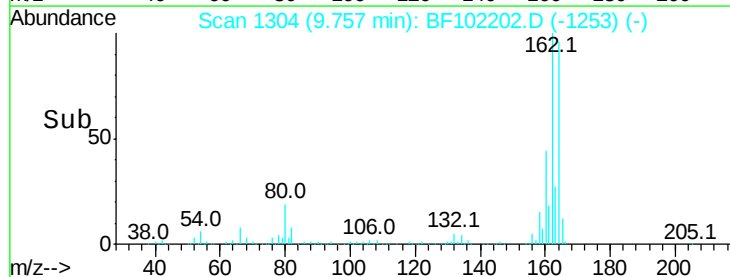
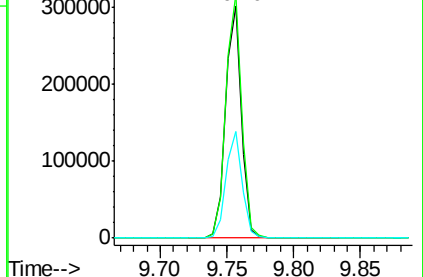
160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

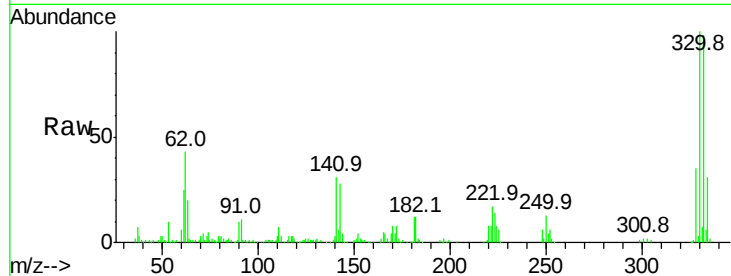




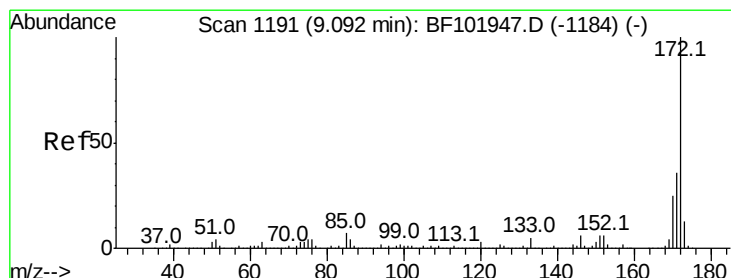
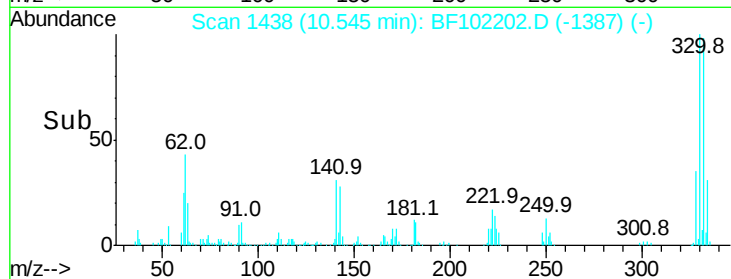
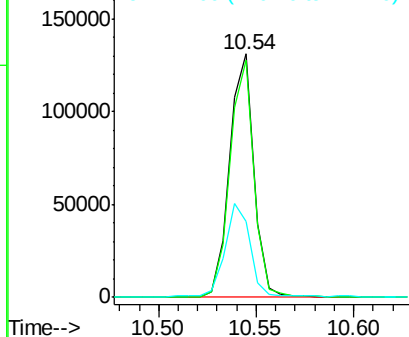
#41
 2,4,6-Tribromophenol
 Concen: 51.192 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102202.D
 Acq: 18 Jan 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	41.5	29.9	44.9

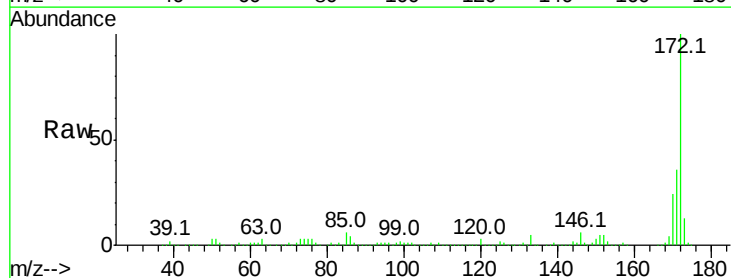


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

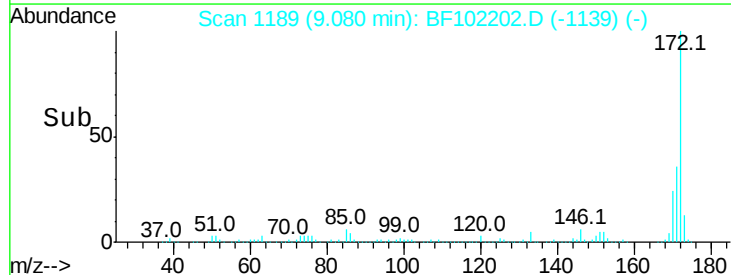
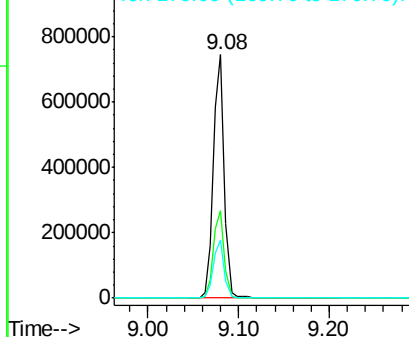


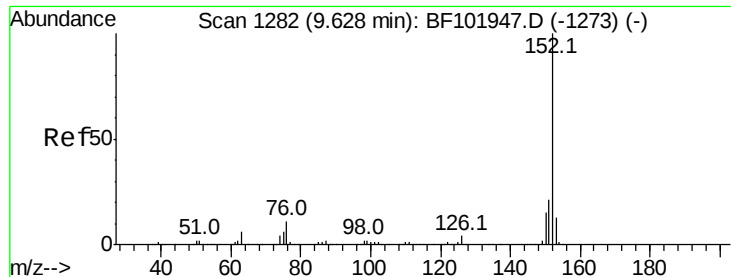
#44
 2-Fluorobiphenyl
 Concen: 38.856 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102202.D
 Acq: 18 Jan 2018 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	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: 3.723 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

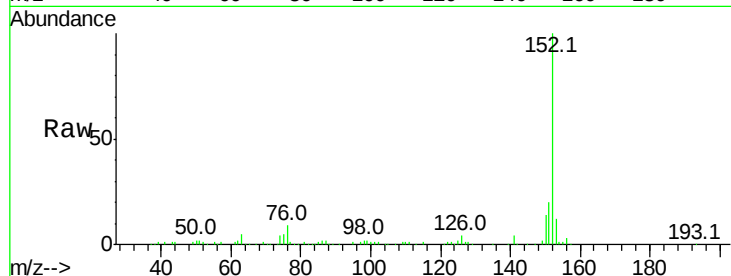
Tot Ion:152 Resp: 102865

Ion Ratio Lower Upper

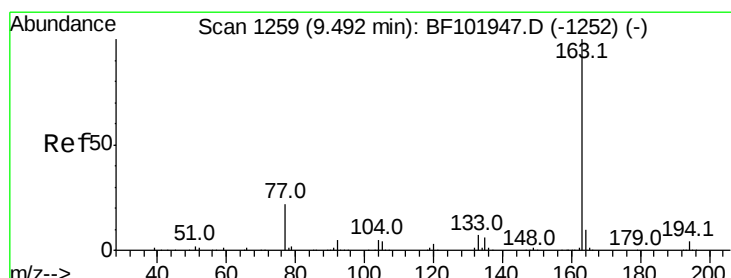
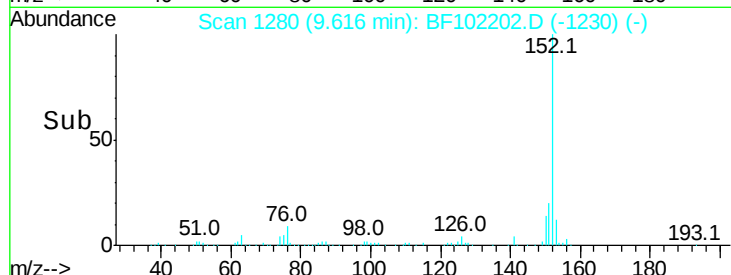
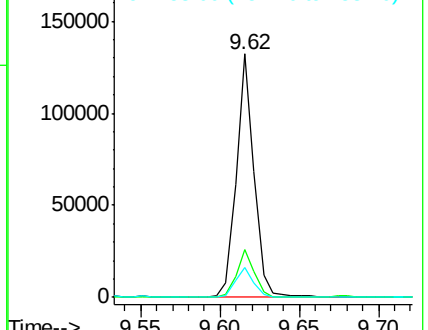
152 100

151 19.7 16.3 24.5

153 12.1 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: 4.237 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

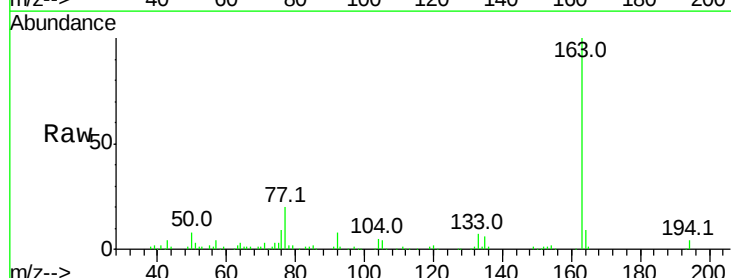
Tgt Ion:163 Resp: 86328

Ion Ratio Lower Upper

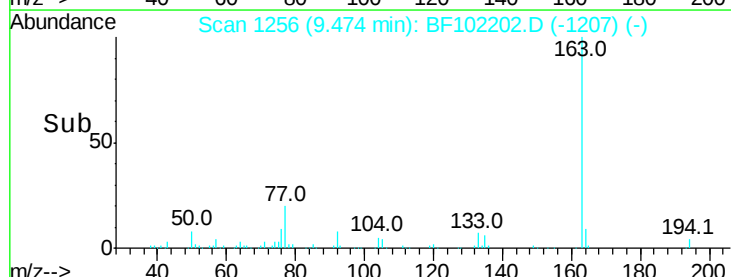
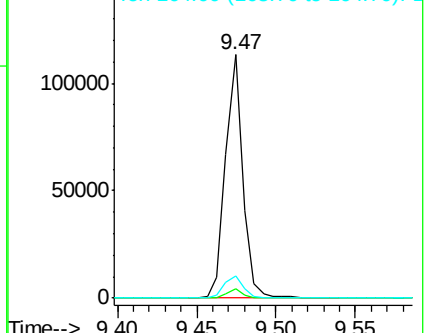
163 100

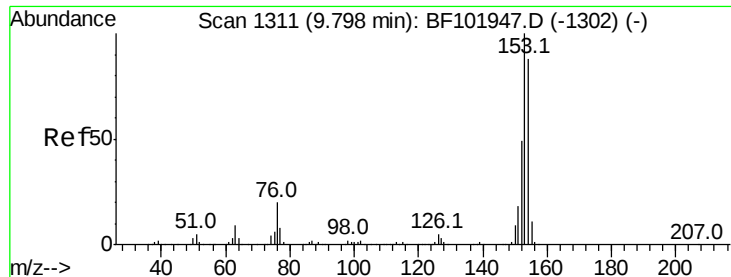
194 4.0 2.7 4.1

164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.435 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

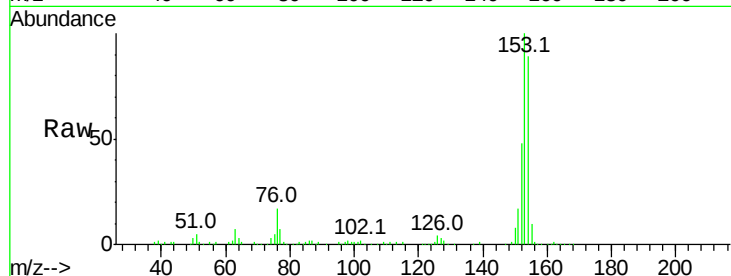
Tot Ion:154 Resp: 107910

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

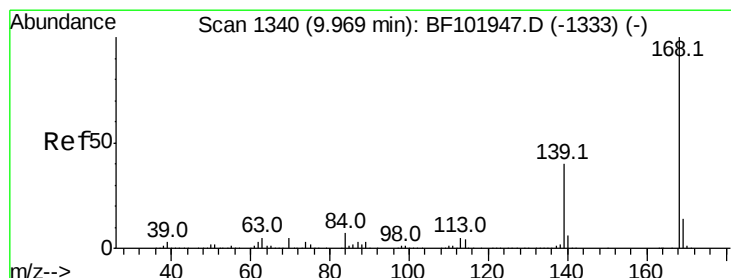
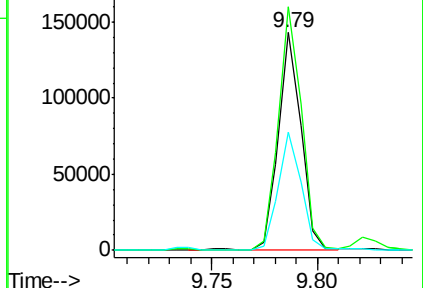
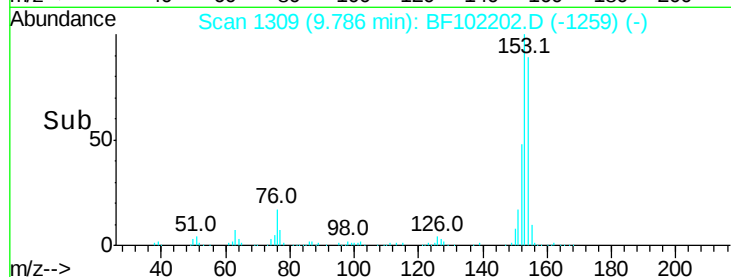
152 54.1 43.8 65.8



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: 2.802 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

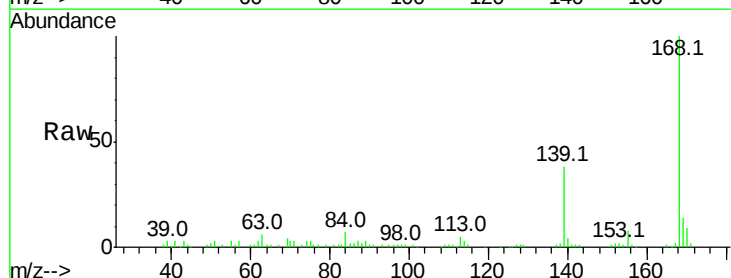
Tgt Ion:168 Resp: 64483

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

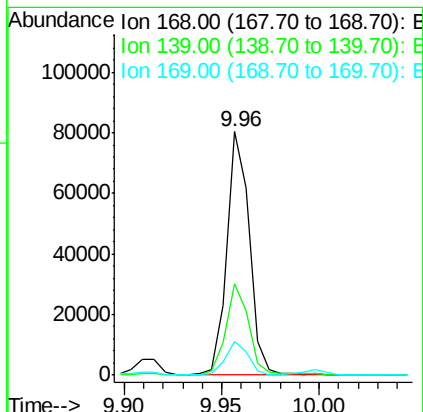
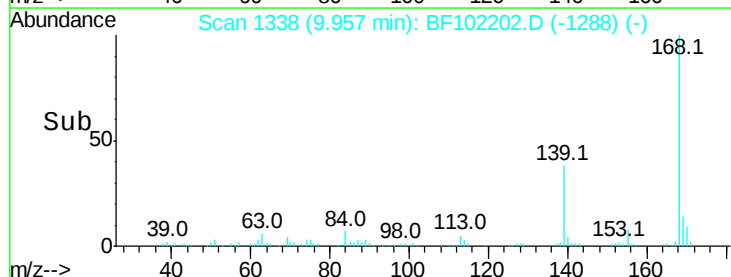
169 13.9 10.9 16.3

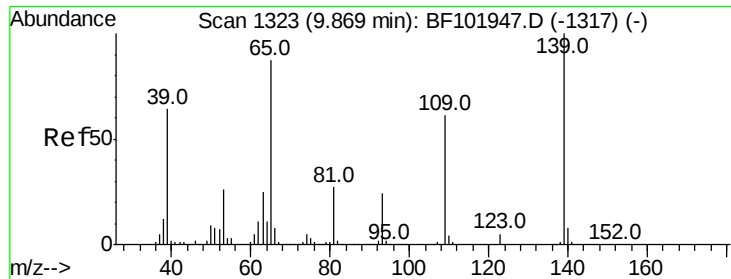


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

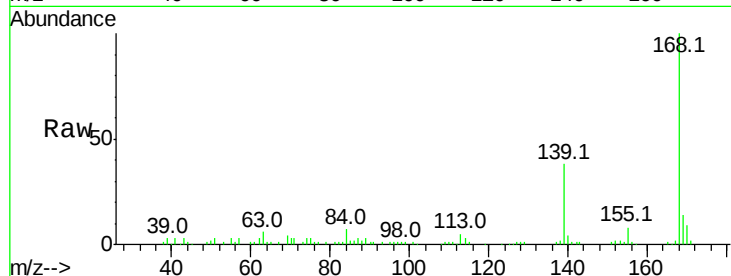




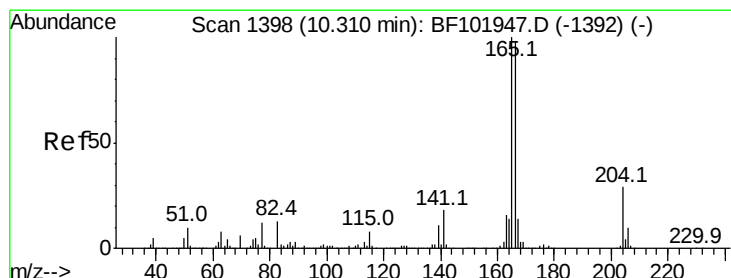
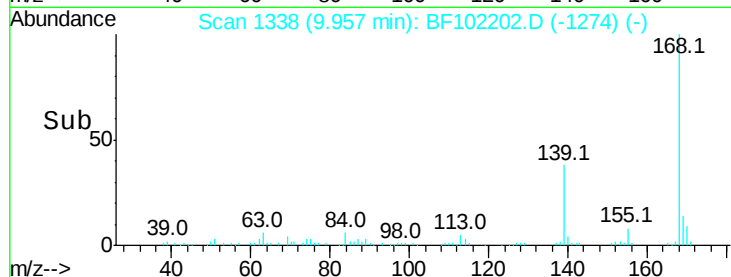
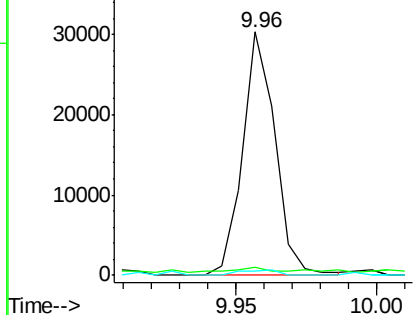
#55
4-Nitrophenol
Concen: 6.354 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.3	48.4	88.4#
65	1.9	72.6	112.6#

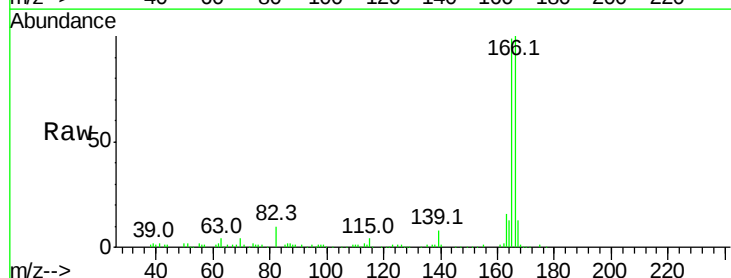


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

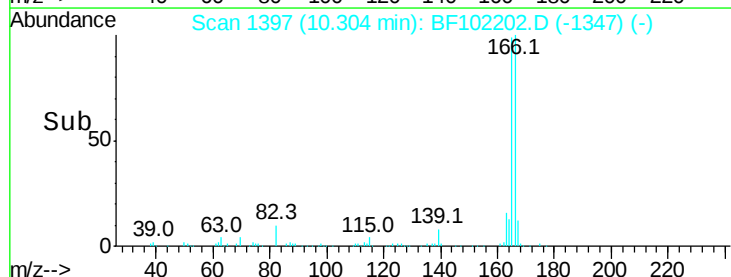
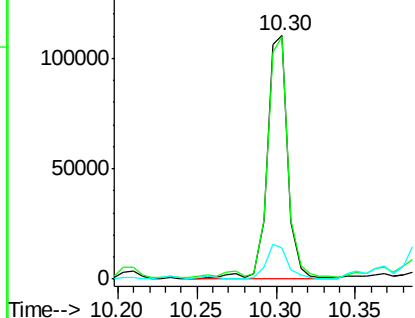


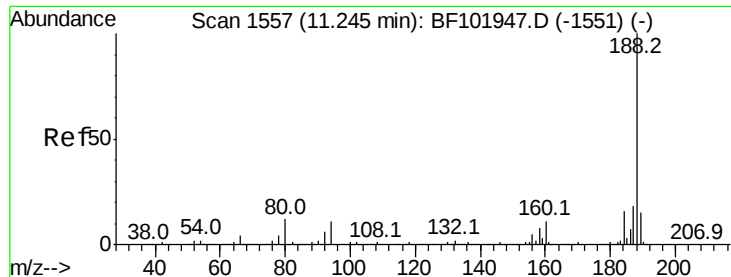
#57
Fluorene
Concen: 6.350 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	12.9	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

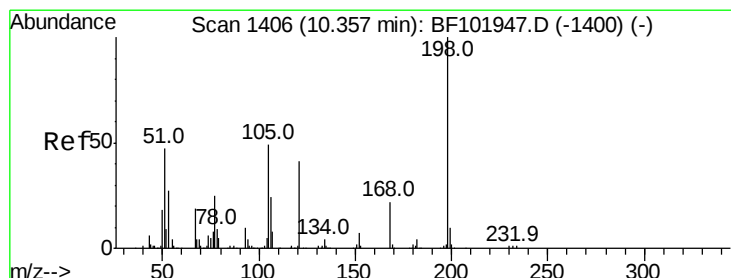
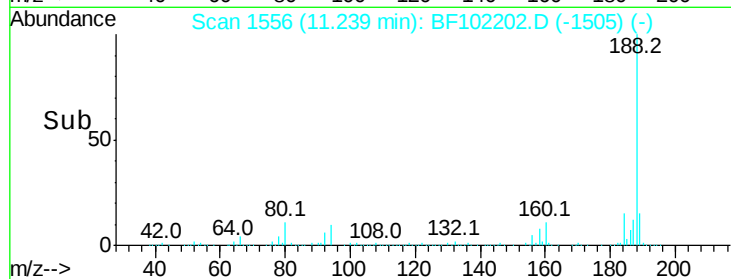
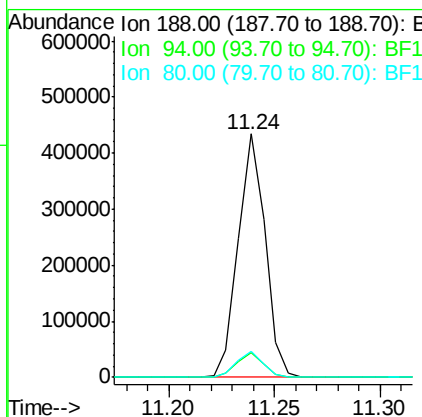
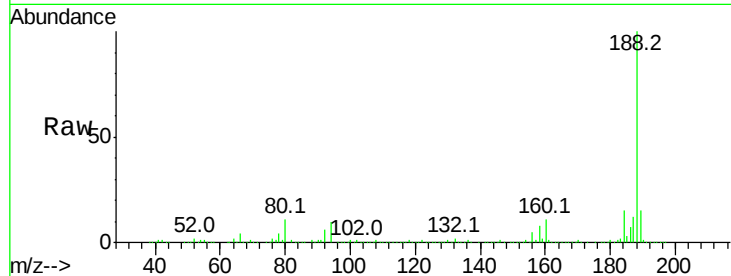




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

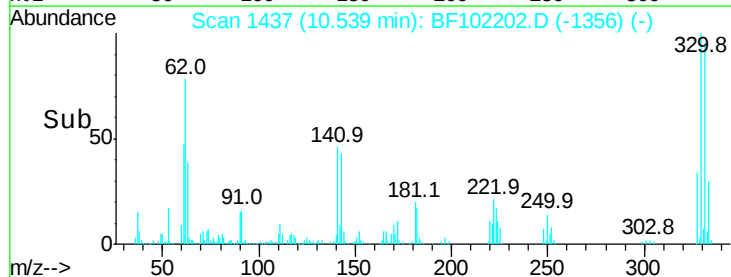
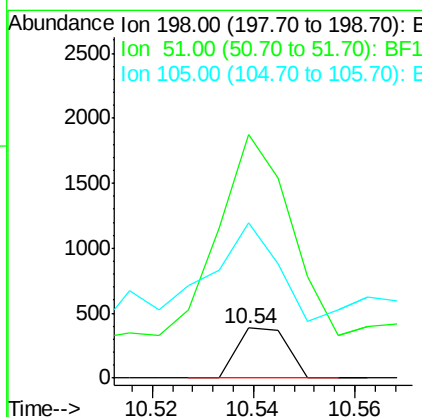
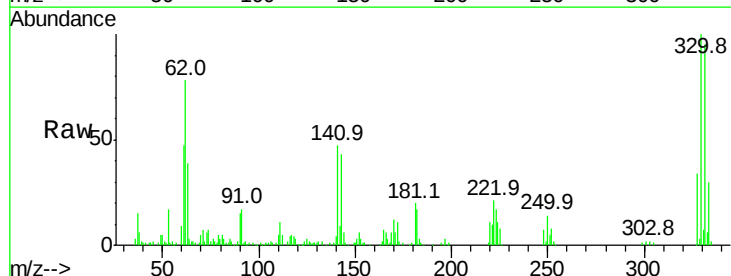
Instrument :
BNA_F
ClientSampled :

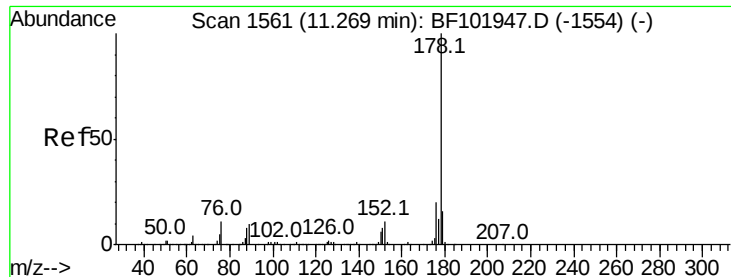
Tot Ion:188 Resp: 383091
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.774 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102202.D
Acq: 18 Jan 2018 20:07

Tgt Ion:198 Resp: 264
Ion Ratio Lower Upper
198 100
51 489.3 37.7 77.7#
105 313.1 36.3 76.3#





#70

Phenanthrene

Concen: 43.613 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampled :

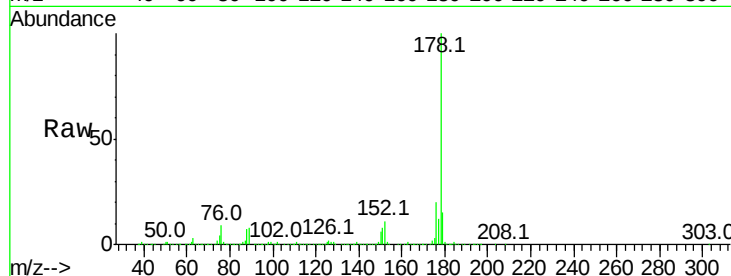
Tot Ion:178 Resp: 975963

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

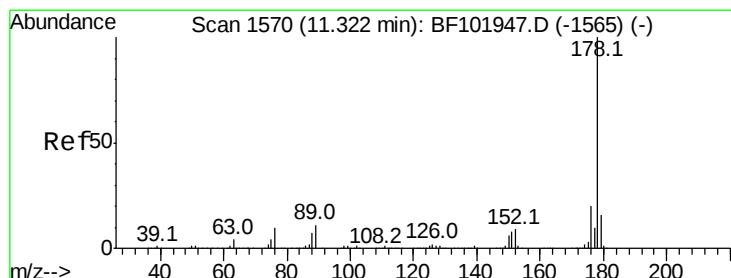
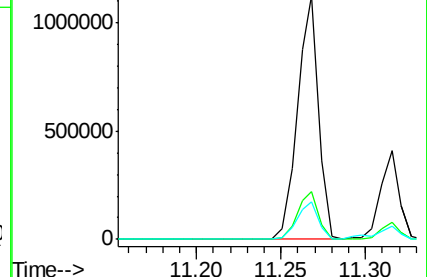
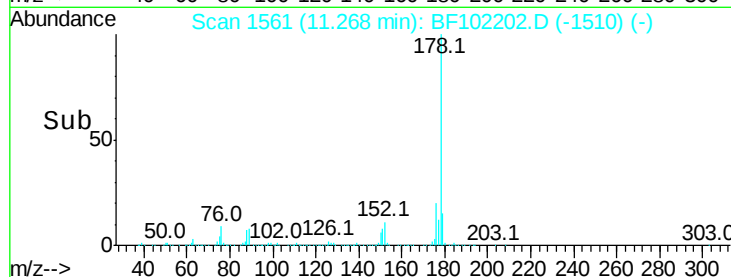
179 15.3 13.0 19.6



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: 13.715 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

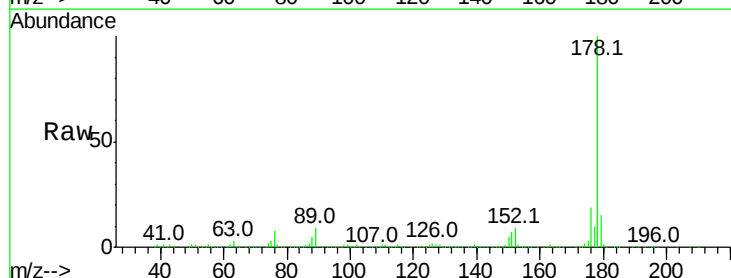
Tgt Ion:178 Resp: 311259

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

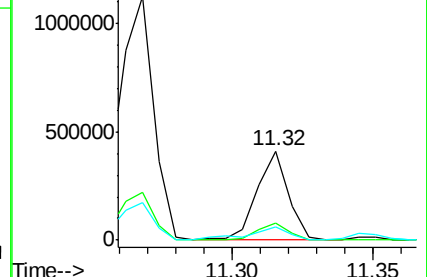
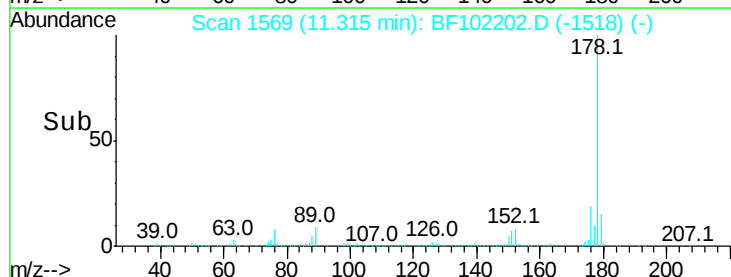
179 14.7 12.6 19.0

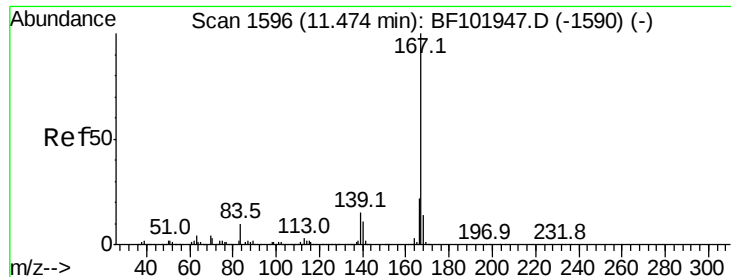


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.399 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

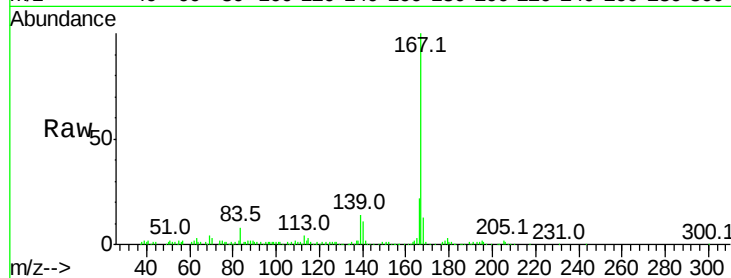
Tot Ion:167 Resp: 120437

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

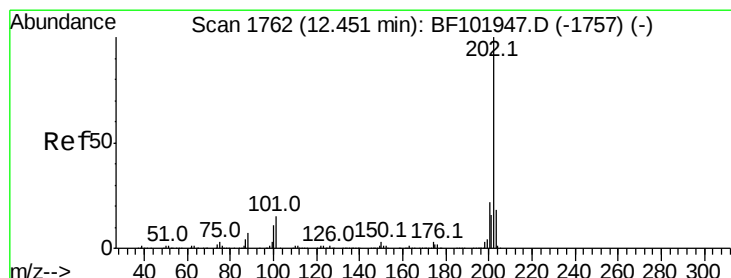
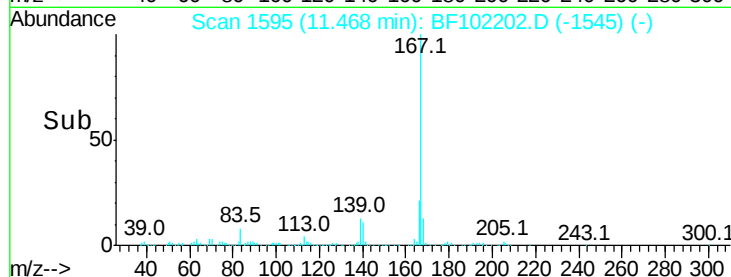
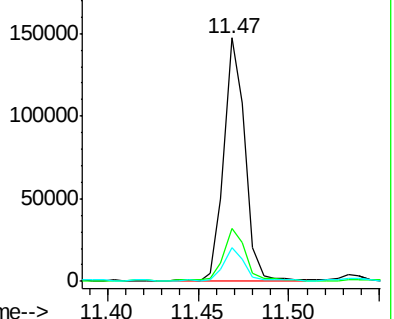
139 13.7 10.9 16.3



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: 62.930 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

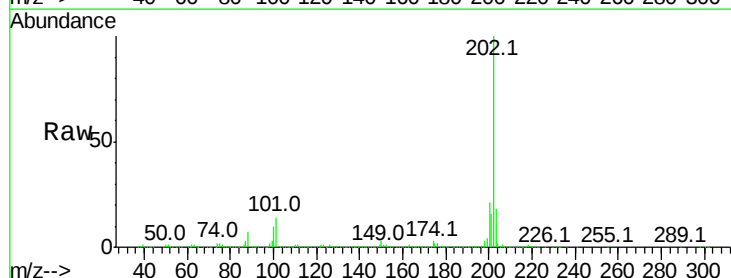
Tgt Ion:202 Resp: 1385498

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

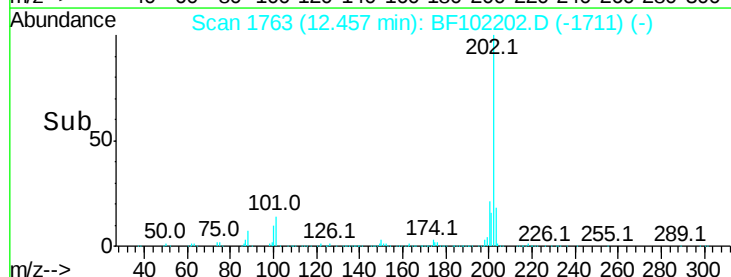
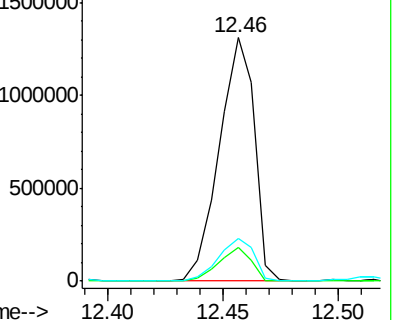
203 17.7 0.0 38.1

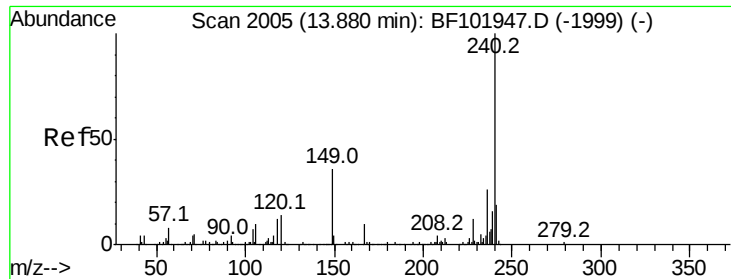


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

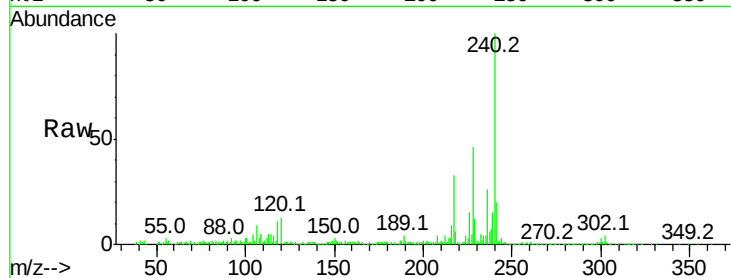
Tot Ion:240 Resp: 254103

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

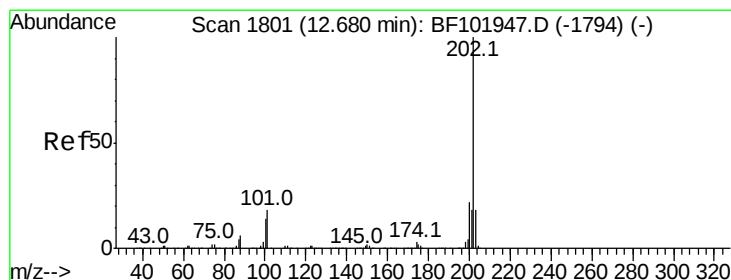
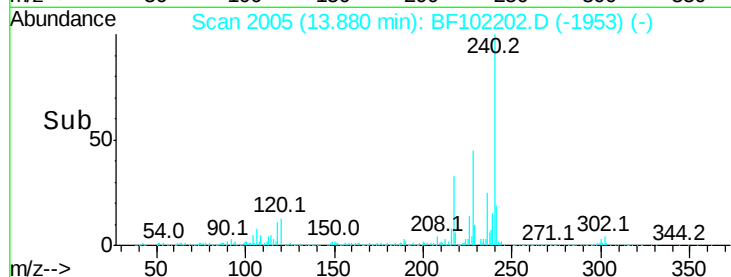
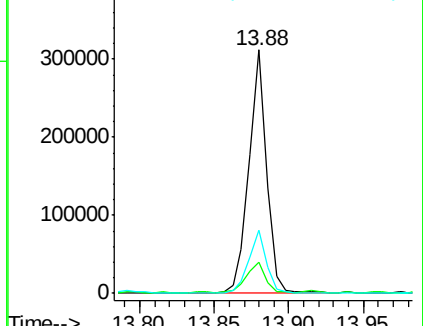
236 25.8 20.7 31.1



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: 60.192 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

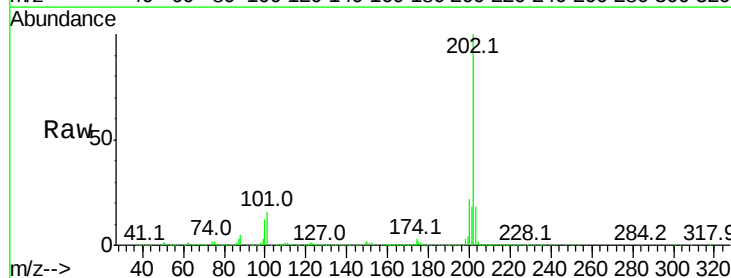
Tgt Ion:202 Resp: 1351981

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

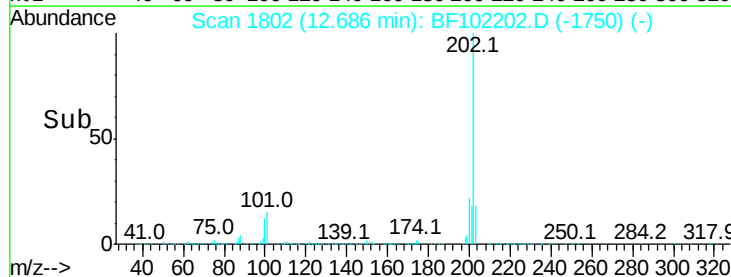
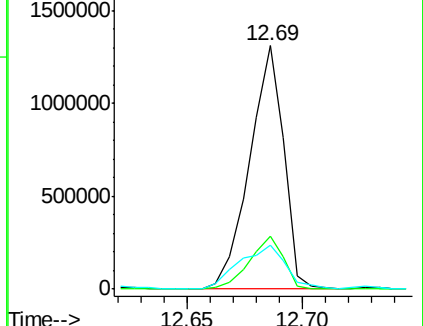
203 18.2 14.3 21.5

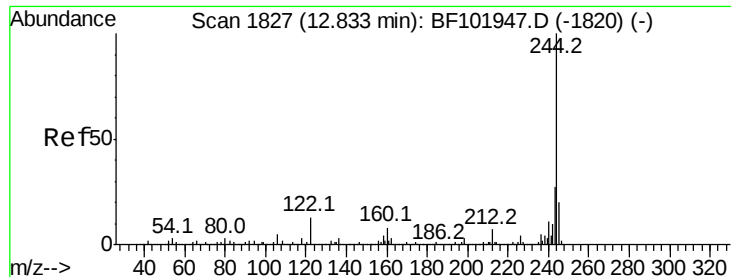


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 32.021 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

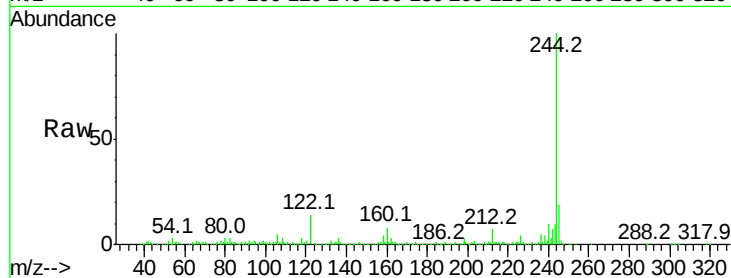
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 391889

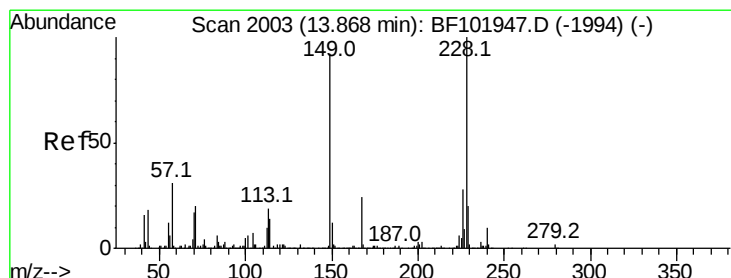
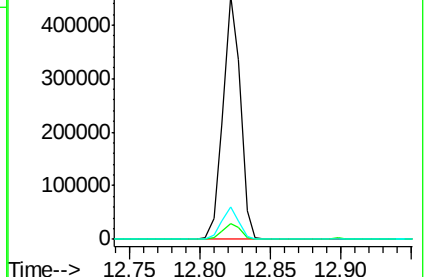
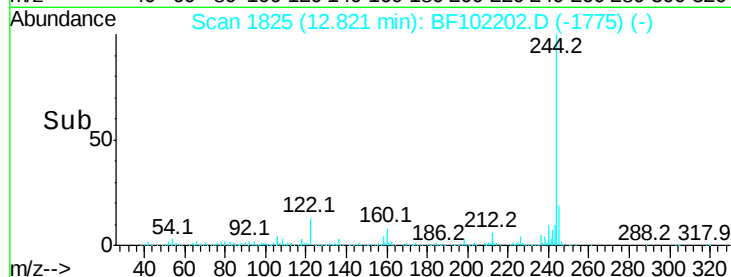
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.5	11.0	16.4



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: 44.555 ng

RT: 13.87 min Scan# 2003

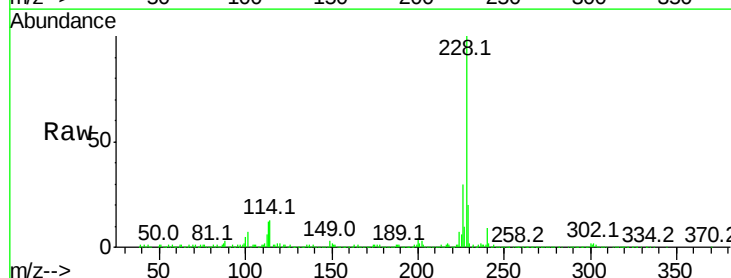
Delta R.T. 0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Tgt Ion:228 Resp: 722344

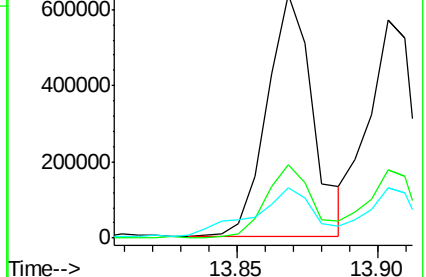
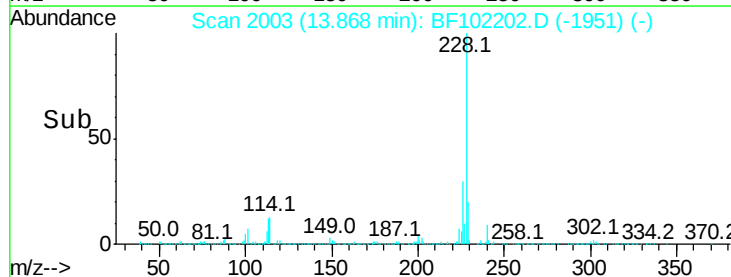
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.5	15.8	23.6

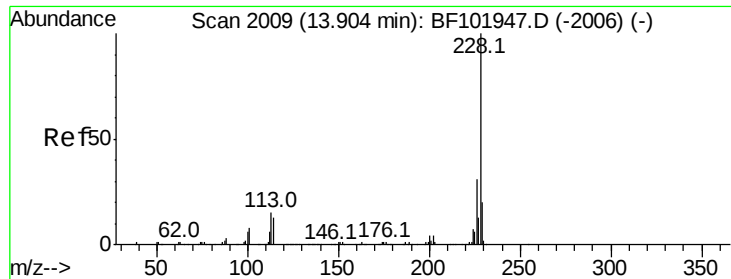


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 36.300 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampled :

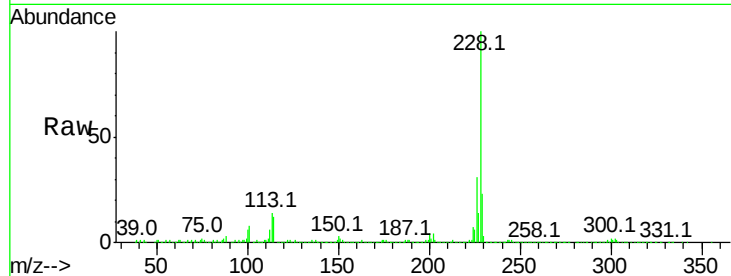
Tot Ion:228 Resp: 613651

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

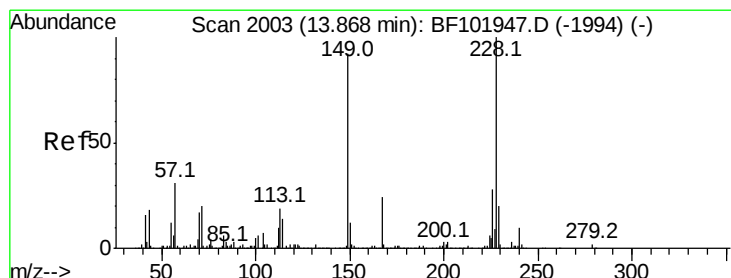
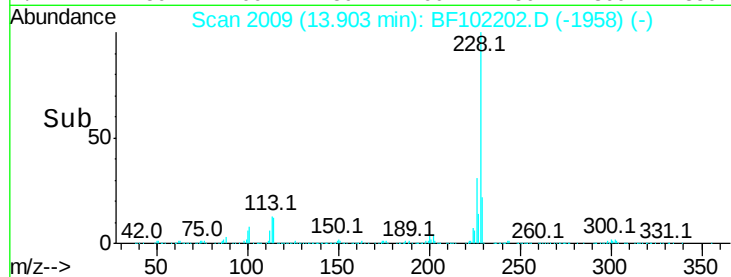
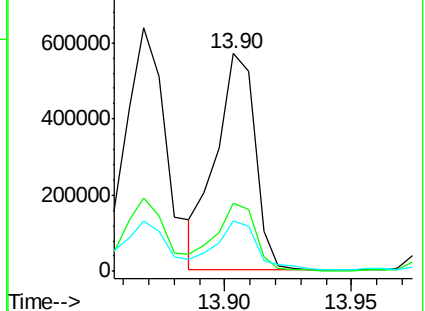
229 23.2 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.545 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

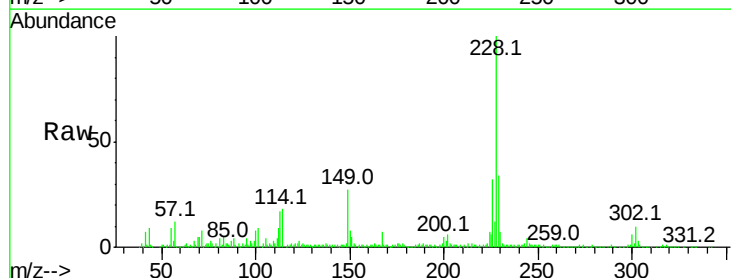
Tgt Ion:149 Resp: 41915

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

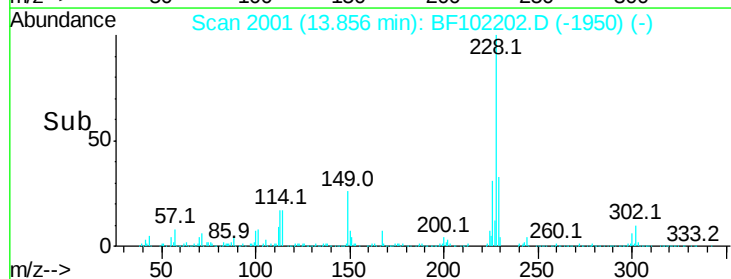
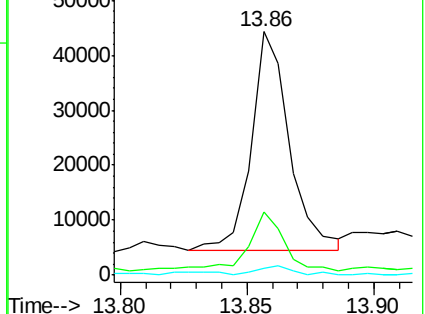
279 2.7 3.0 4.4#

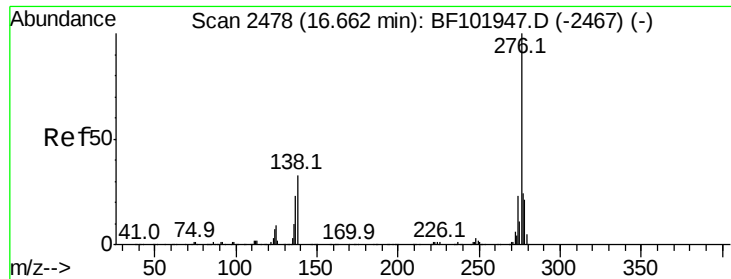


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

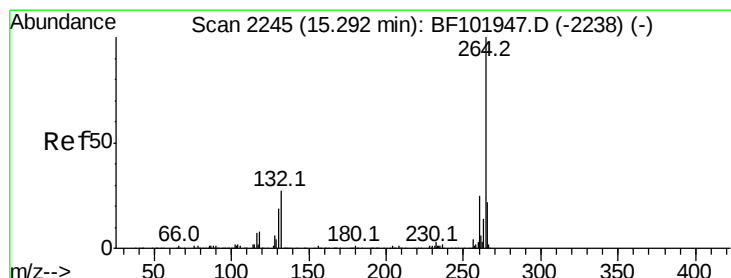
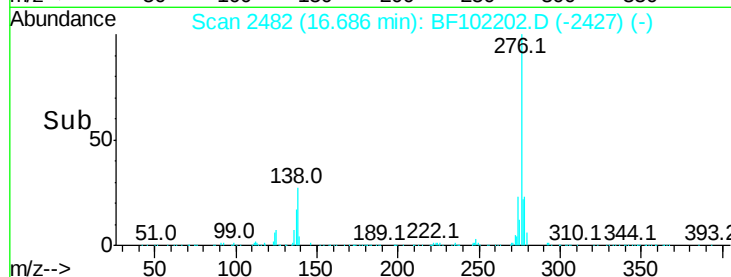
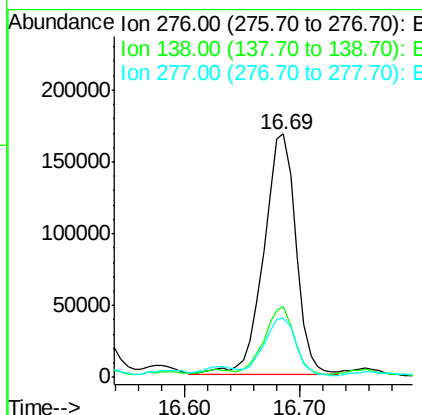
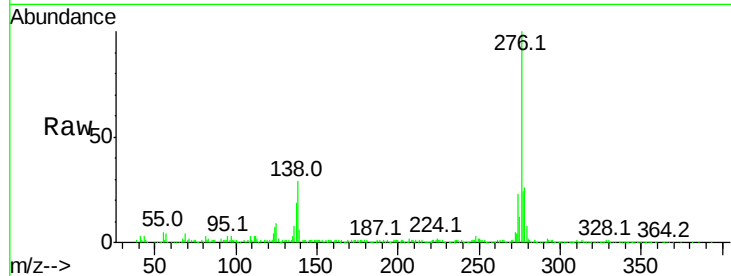




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.612 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.02 min
 Lab File: BF102202.D
 Acq: 18 Jan 2018 20:07

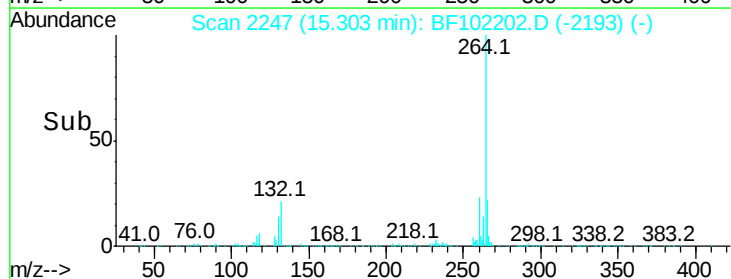
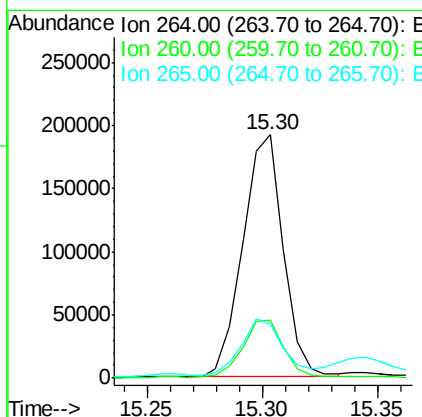
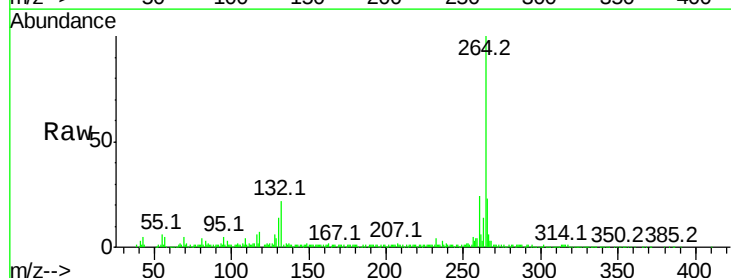
Instrument :
 BNA_F
 ClientSampleId :

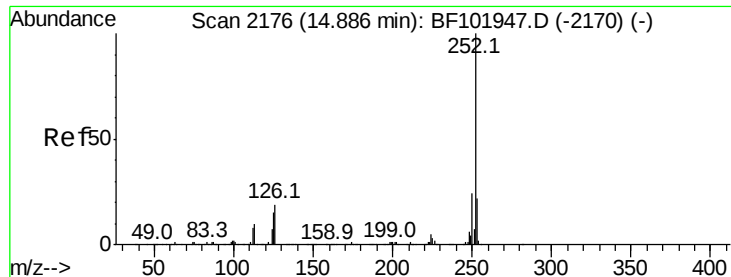
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	23.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.02 min
 Lab File: BF102202.D
 Acq: 18 Jan 2018 20:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 69.990 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

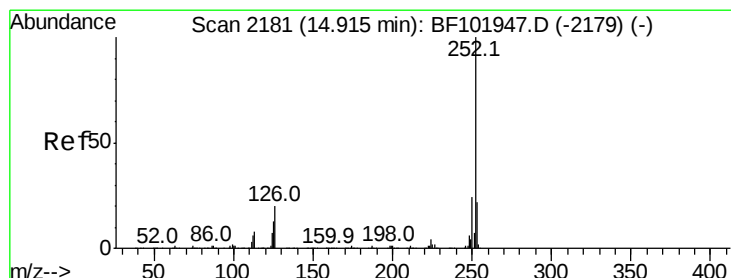
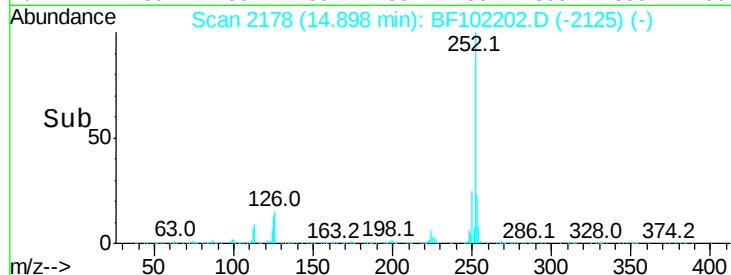
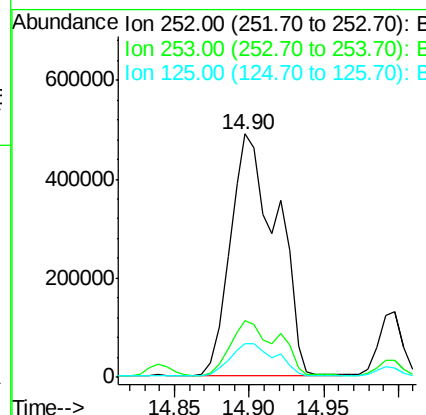
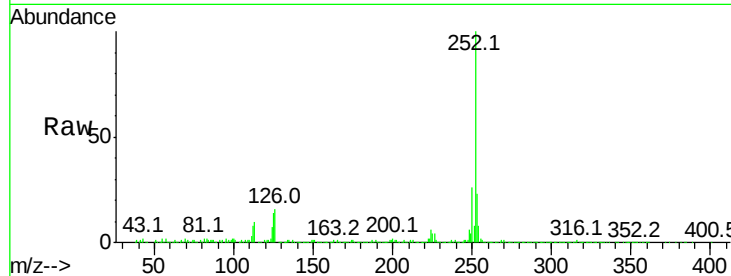
Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1064767

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.0	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 72.553 ng

RT: 14.90 min Scan# 2178

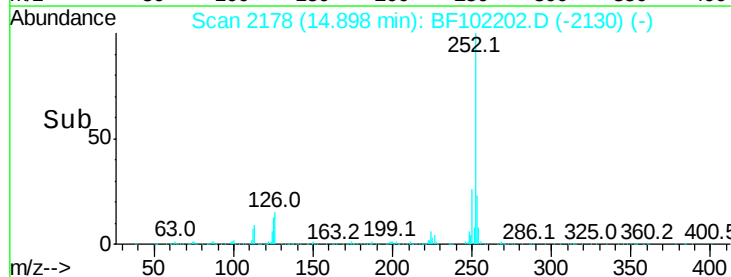
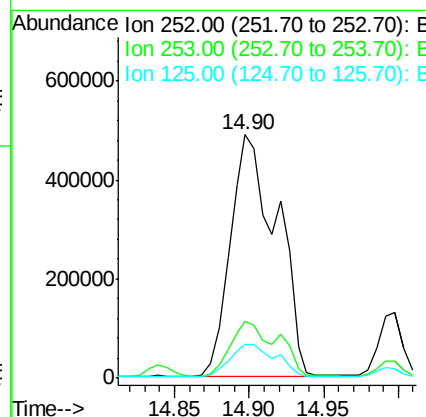
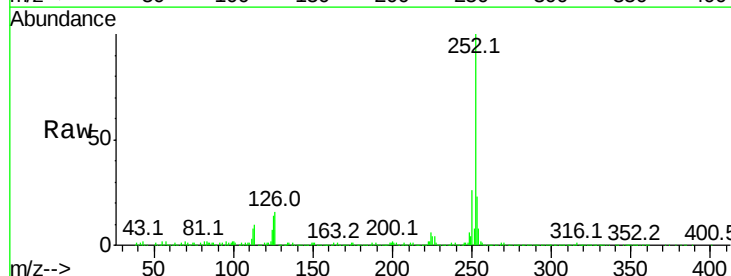
Delta R.T. -0.02 min

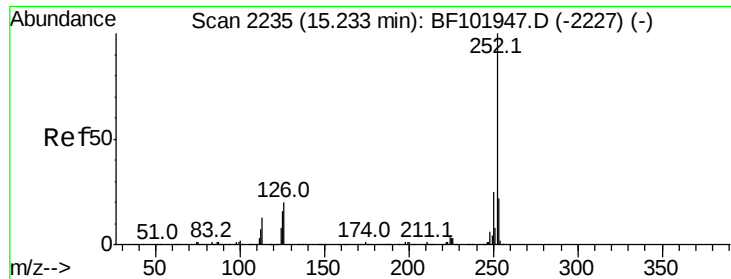
Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Tgt Ion:252 Resp: 1064767

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.253 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

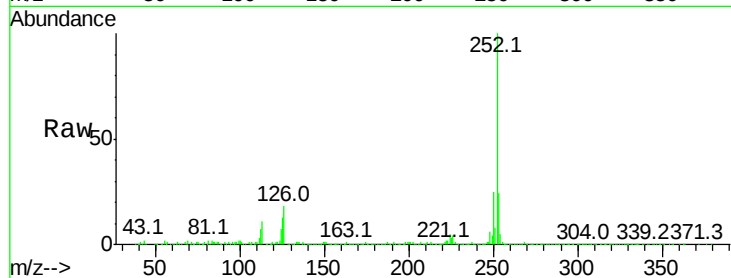
Tot Ion:252 Resp: 592124

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

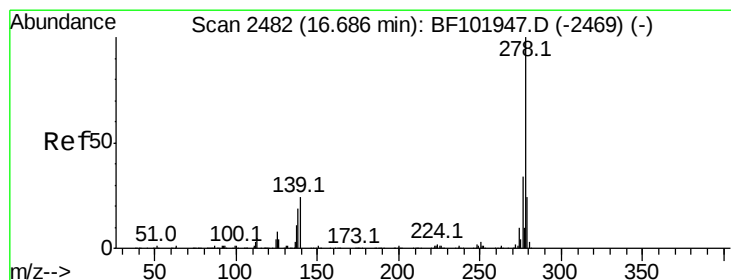
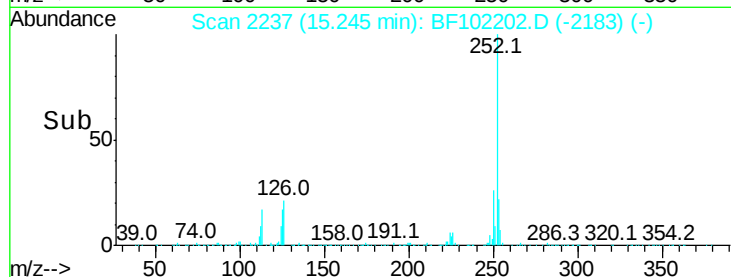
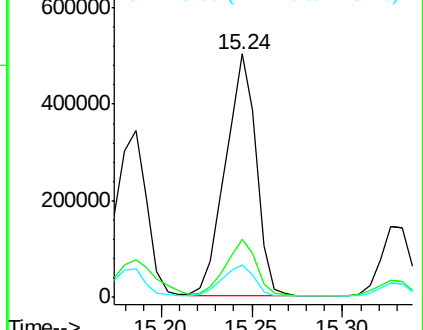
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 7.654 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

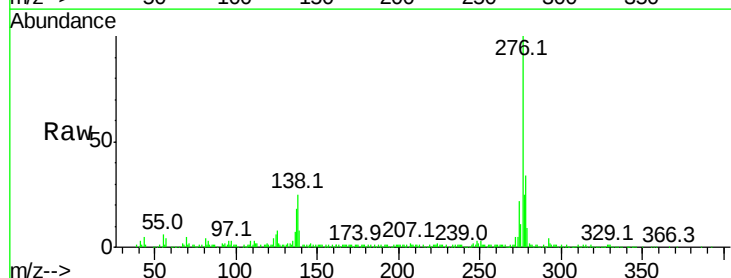
Tgt Ion:278 Resp: 83620

Ion Ratio Lower Upper

278 100

139 22.6 15.9 23.9

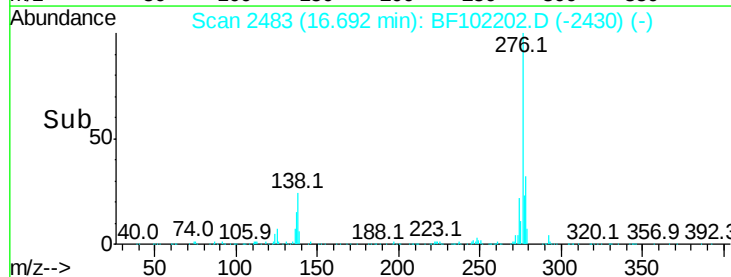
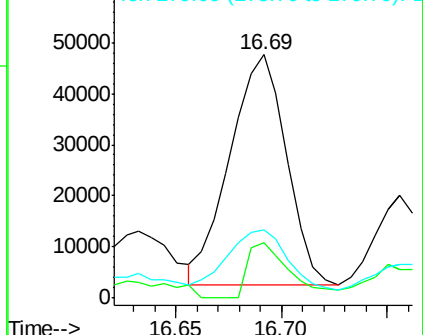
279 28.1 19.0 28.4

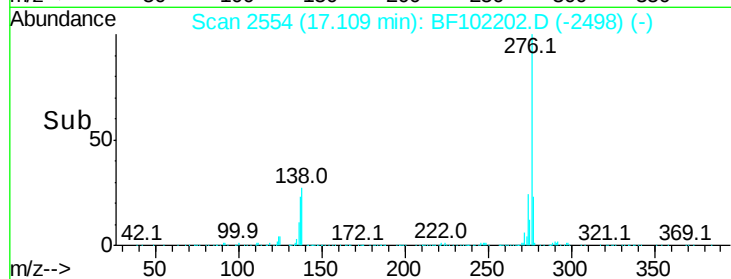
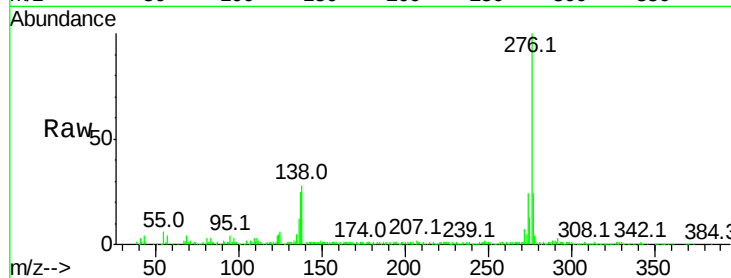
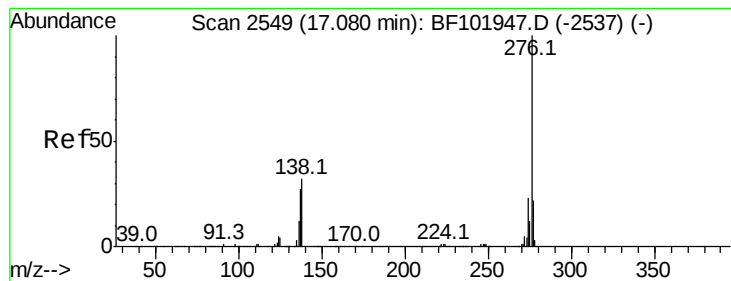


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 26.999 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.03 min

Lab File: BF102202.D

Acq: 18 Jan 2018 20:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 297121

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 28.1 21.8 32.8

