

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107093.D
 Acq On : 3 Jul 2018 20:18
 Operator : JU/SJ
 Sample : J3840-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 22:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51344	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	171495	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74699	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	157738	20.00	ng	0.00
75) Chrysene-d12	14.15	240	129133	20.00	ng	-0.02
86) Perylene-d12	15.69	264	95907	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	297946	98.26	ng	0.00
7) Phenol-d6	6.60	99	360210	95.13	ng	-0.01
23) Nitrobenzene-d5	7.52	82	193903	62.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	93558	108.06	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	333054	73.47	ng	-0.01
78) Terphenyl-d14	13.08	244	441001	82.72	ng	0.00

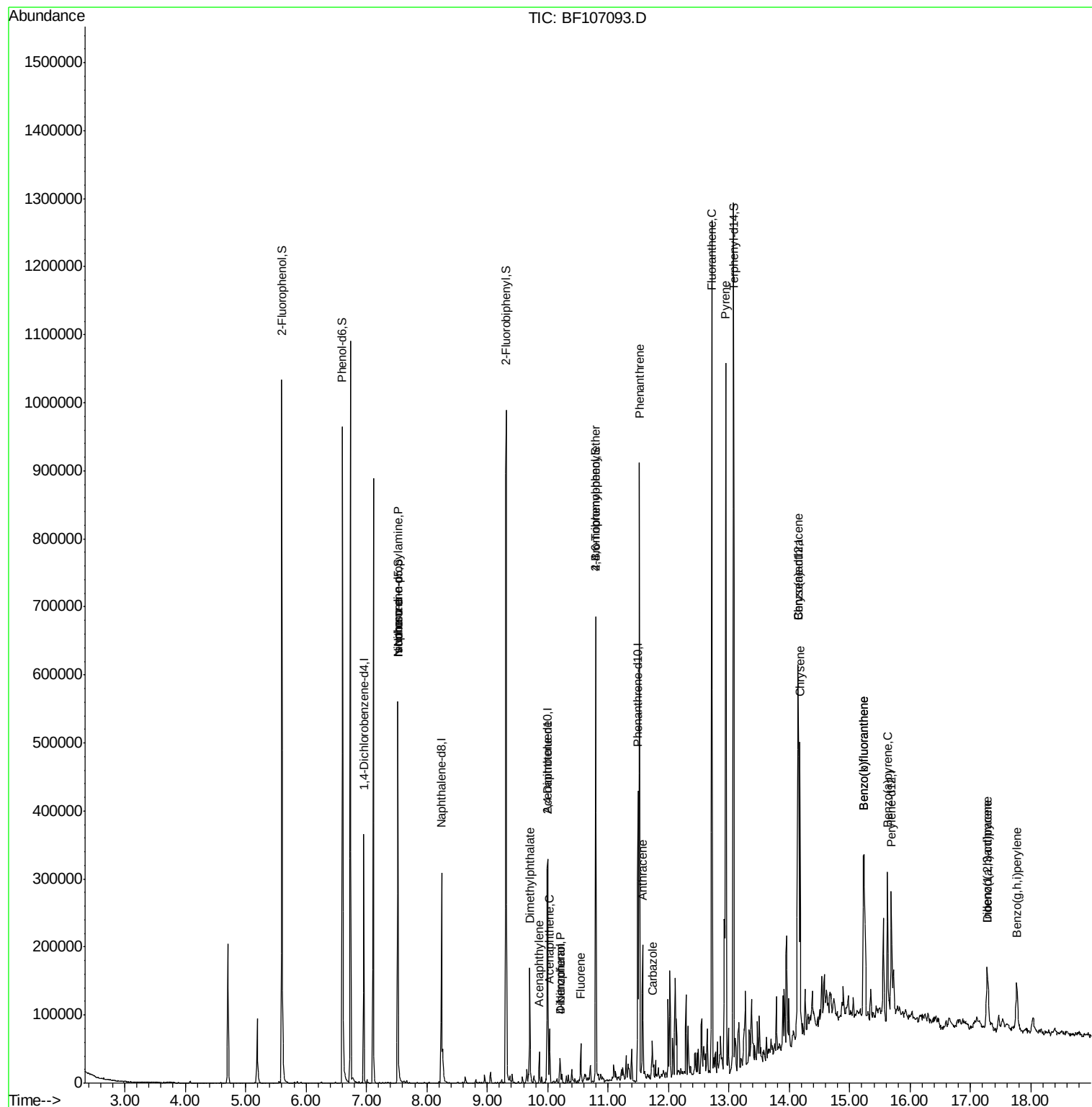
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propylamine	7.52	70	25181	10.089	ng	# 75
25) Isophorone	7.52	82	193900	35.658	ng	# 64
48) Acenaphthylene	9.86	152	20135	2.722	ng	99
49) Dimethylphthalate	9.70	163	76641	13.680	ng	99
51) Acenaphthene	10.03	154	16100	3.456	ng	99
54) Dibenzofuran	10.21	168	16114	2.526	ng	93
55) 4-Nitrophenol	10.21	139	5087	5.338	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	9699	6.263	ng	# 21
57) Fluorene	10.55	166	16903	3.339	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	5931	3.151	ng	# 1
70) Phenanthrene	11.52	178	341652	44.907	ng	99
71) Anthracene	11.57	178	73459	9.460	ng	98
72) Carbazole	11.73	167	20268	2.788	ng	97
74) Fluoranthene	12.72	202	519984	62.009	ng	95
77) Pyrene	12.95	202	481690	56.567	ng	99
80) Benzo(a)anthracene	14.14	228	186762	23.730	ng	98
82) Chrysene	14.18	228	168236	23.235	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	63951	10.408	ng	# 88
87) Benzo(b)fluoranthene	15.23	252	202847	34.048	ng	96
88) Benzo(k)fluoranthene	15.23	252	202847	35.753	ng	# 97
89) Benzo(a)pyrene	15.62	252	112350	21.213	ng	95
90) Dibenz(a,h)anthracene	17.28	278	15288	3.406	ng	# 74
91) Benzo(g,h,i)perylene	17.77	276	65796	14.997	ng	# 87

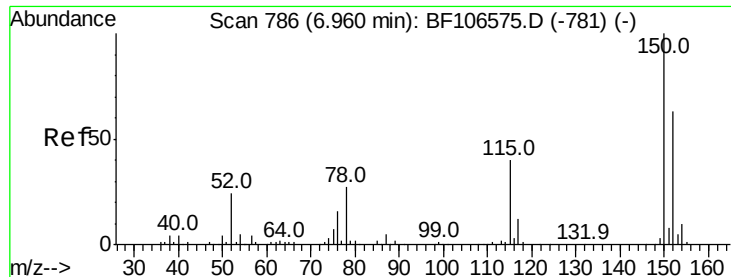
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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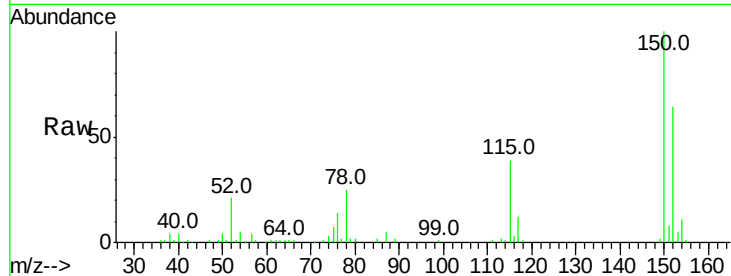


#1

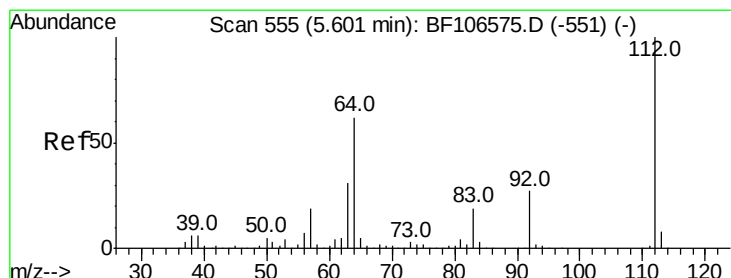
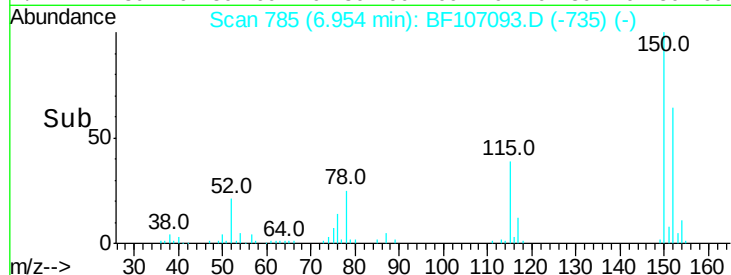
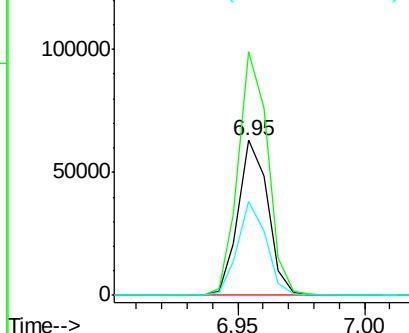
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 51344
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.5 50.1 75.1



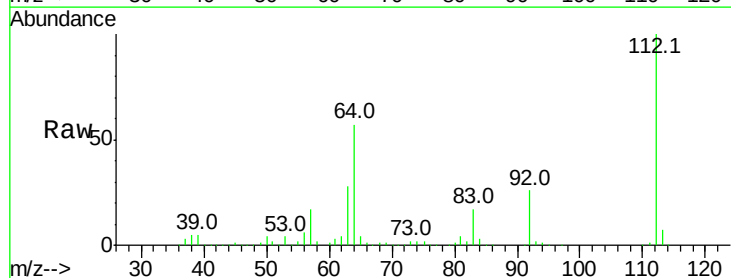
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



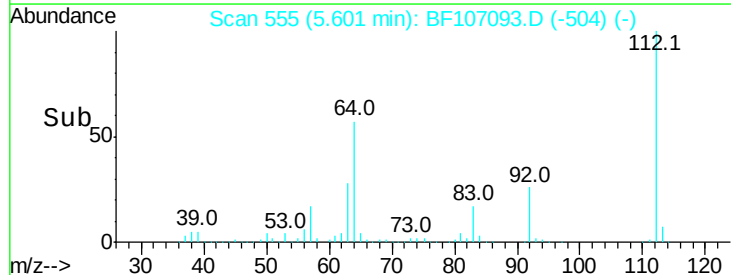
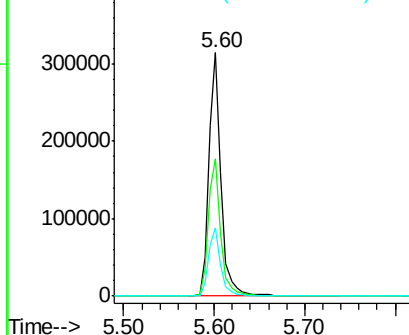
#5

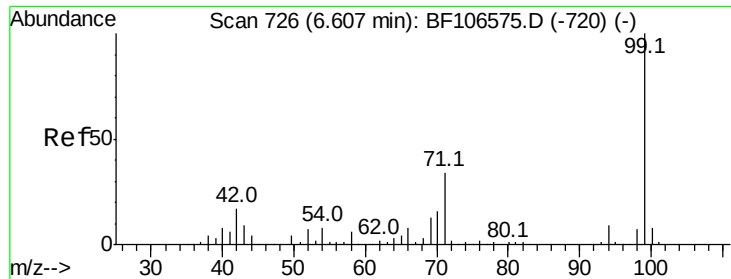
2-Fluorophenol
Concen: 98.262 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion:112 Resp: 297946
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.0 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: 95.128 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampled :

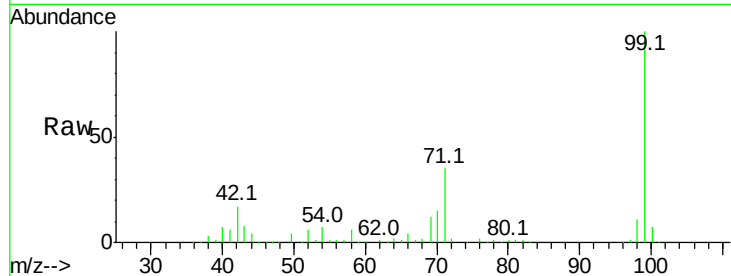
Tot Ion: 99 Resp: 360210

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

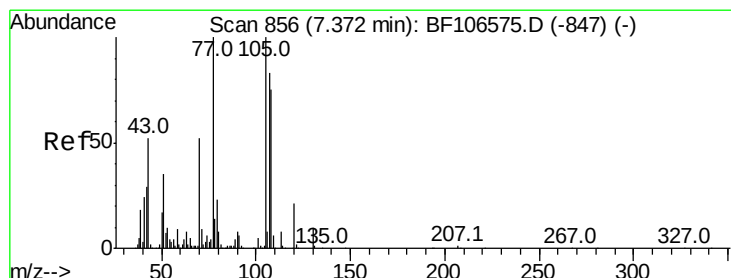
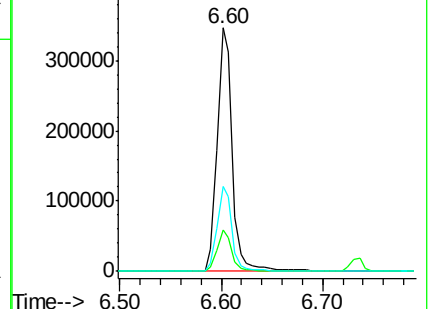
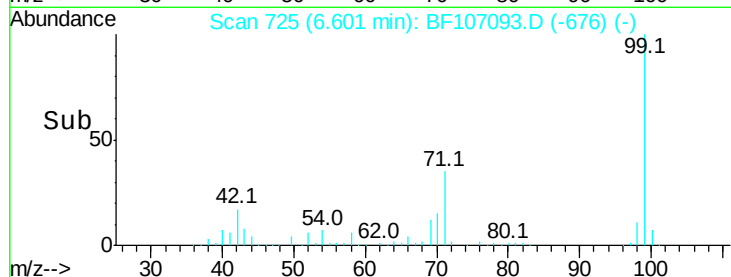
71 34.7 25.4 38.0



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: 10.089 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Tgt Ion: 70 Resp: 25181

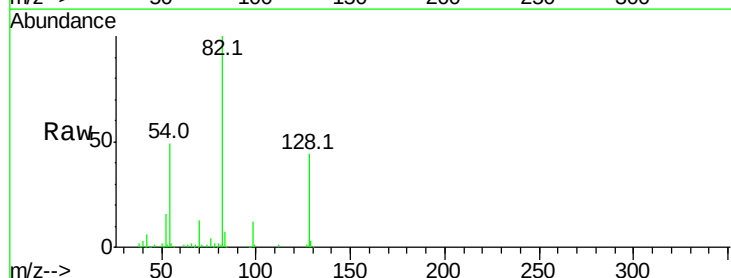
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

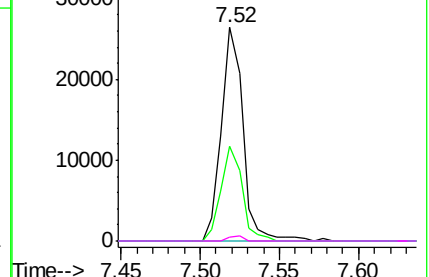
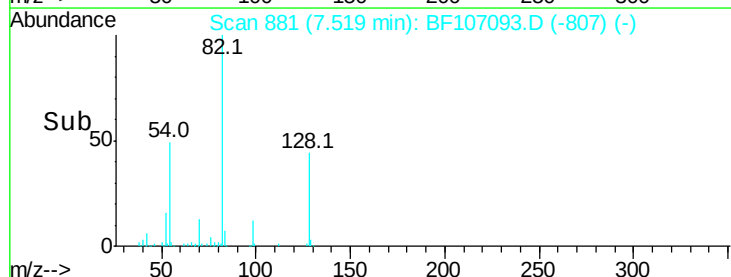


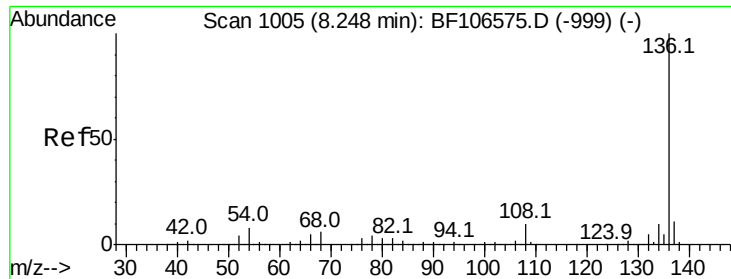
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

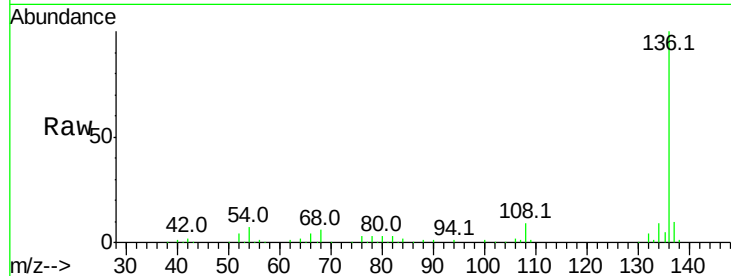




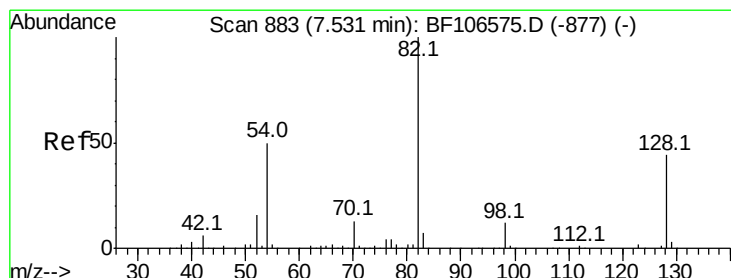
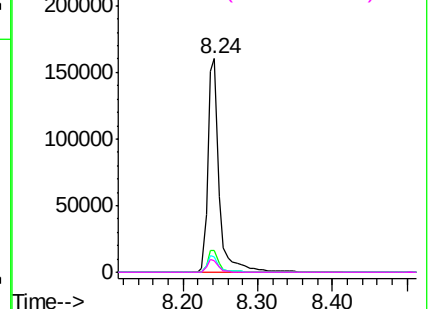
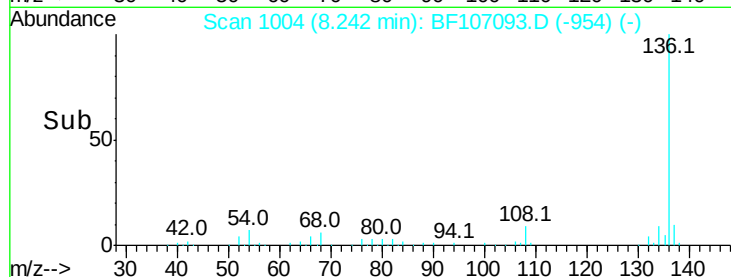
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	171495
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4

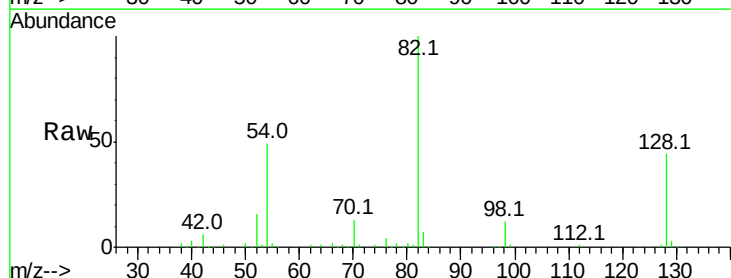


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

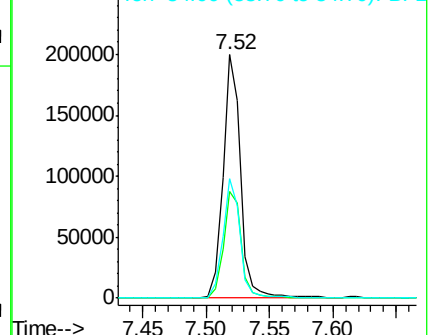
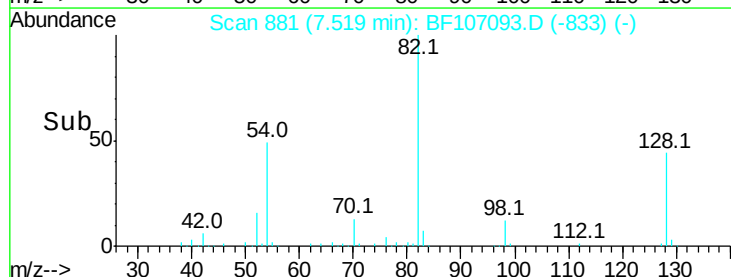


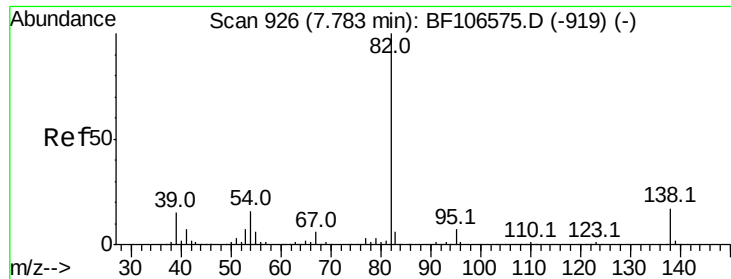
#23
Nitrobenzene-d5
Concen: 62.835 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion:	82	Resp:	193903
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	49.3	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: 35.658 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampleId :

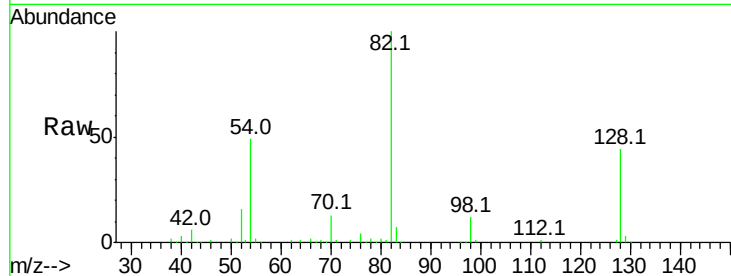
Tot Ion: 82 Resp: 193900

Ion Ratio Lower Upper

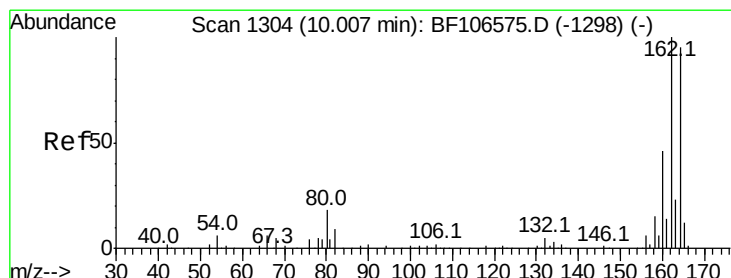
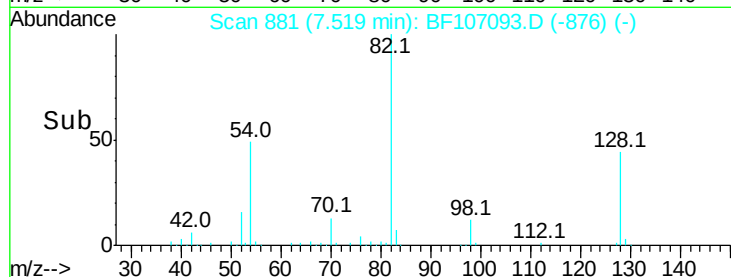
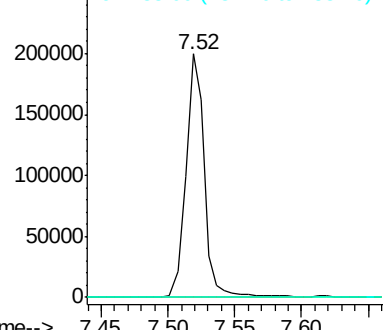
82 100

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

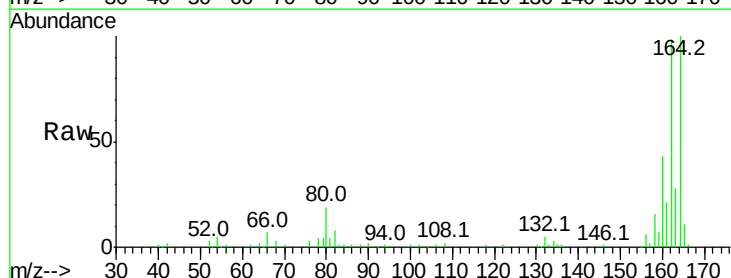
Tgt Ion:164 Resp: 74699

Ion Ratio Lower Upper

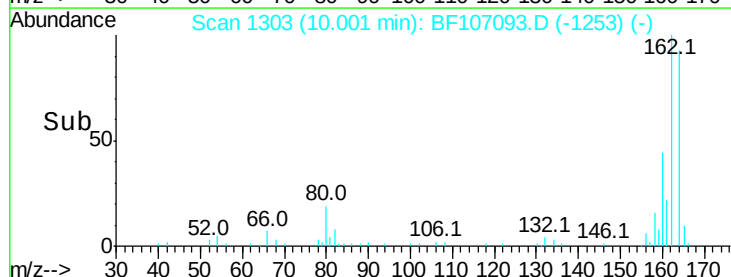
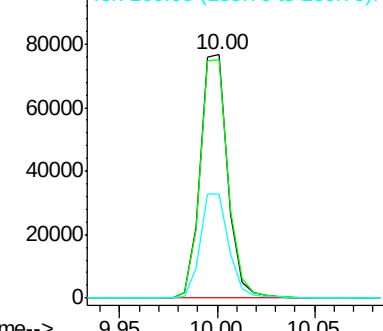
164 100

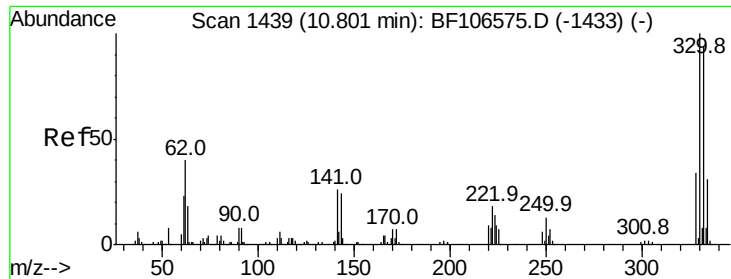
162 97.7 86.1 129.1

160 43.0 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

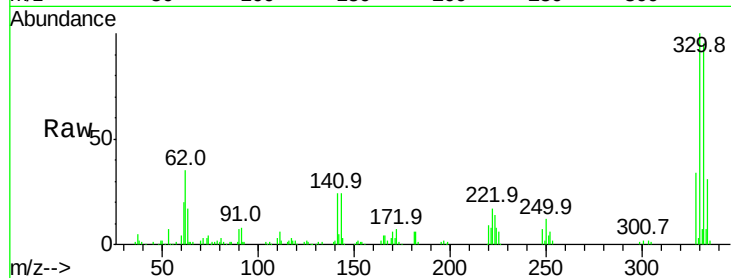




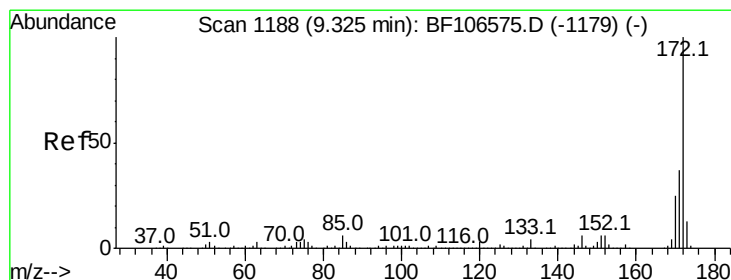
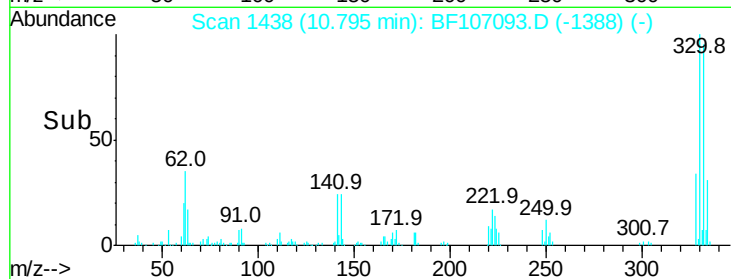
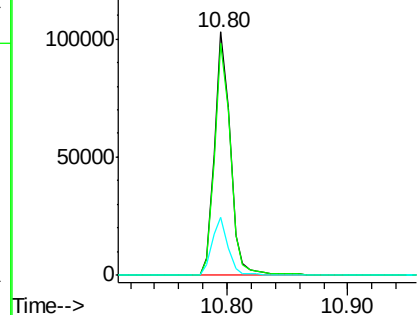
#41
 2,4,6-Tribromophenol
 Concen: 108.062 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	24.2	29.9	44.9#

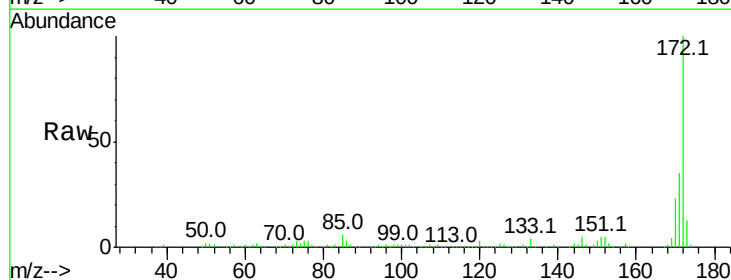


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

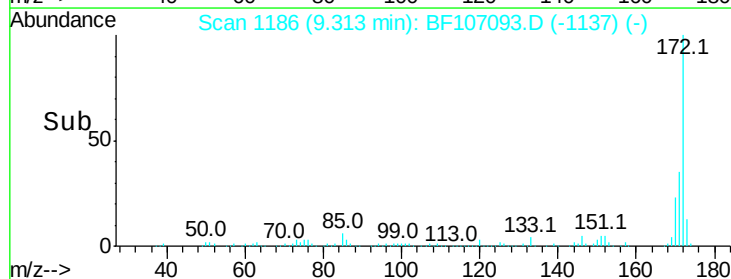
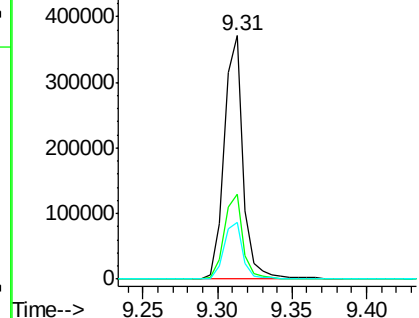


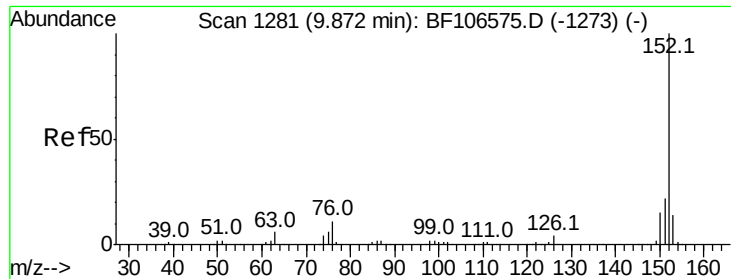
#44
 2-Fluorobiphenyl
 Concen: 73.466 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.4	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: 2.722 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampleId :

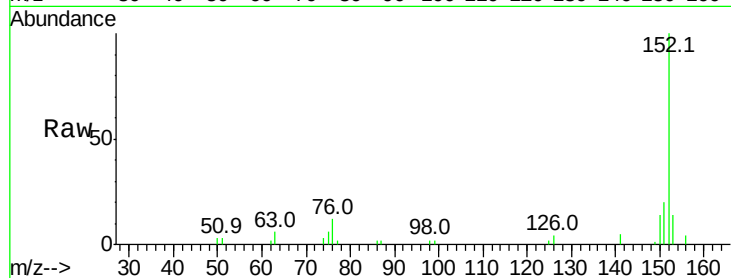
Tot Ion:152 Resp: 20135

Ion Ratio Lower Upper

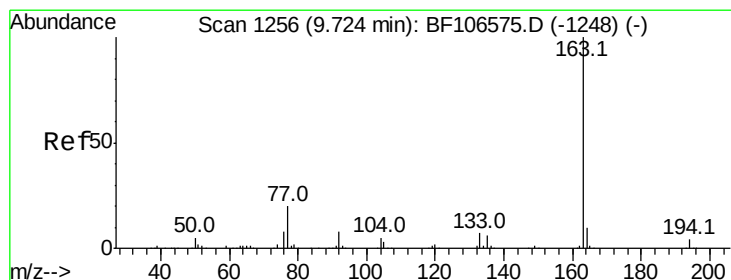
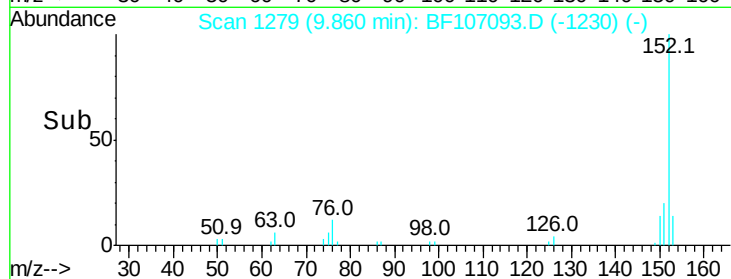
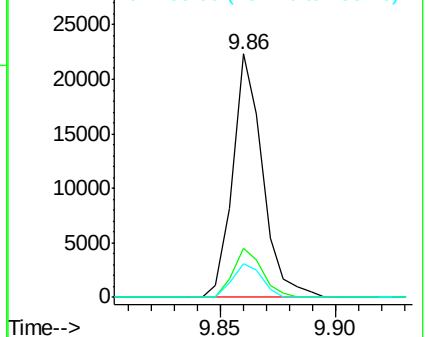
152 100

151 20.1 16.3 24.5

153 14.0 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: 13.680 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

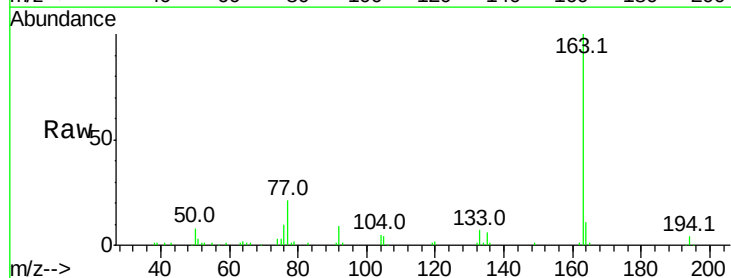
Tgt Ion:163 Resp: 76641

Ion Ratio Lower Upper

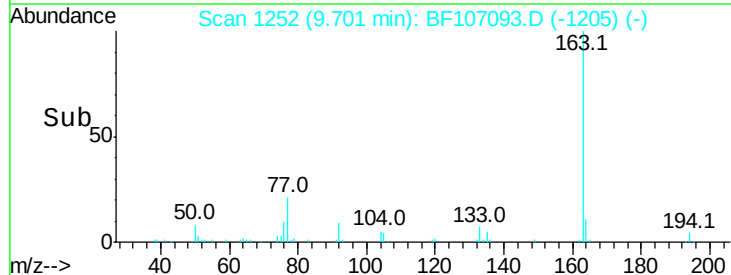
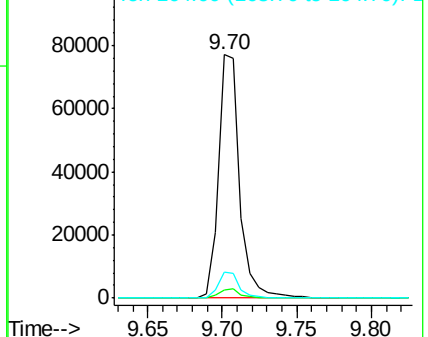
163 100

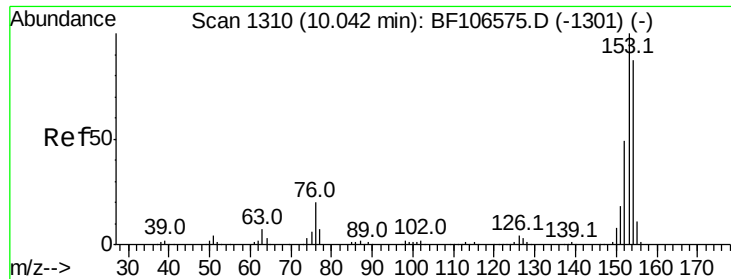
194 3.5 2.7 4.1

164 10.5 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

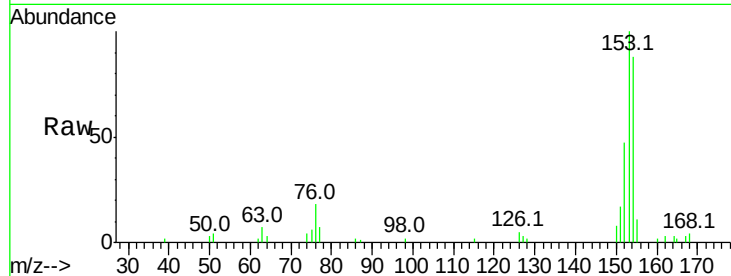




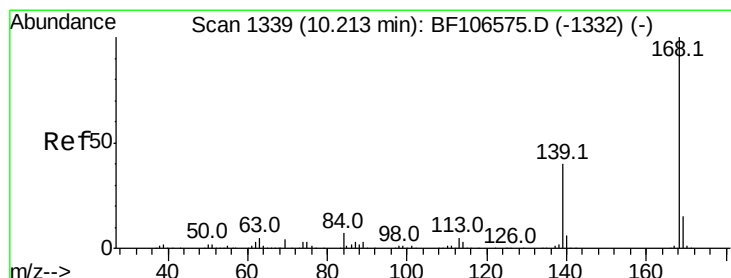
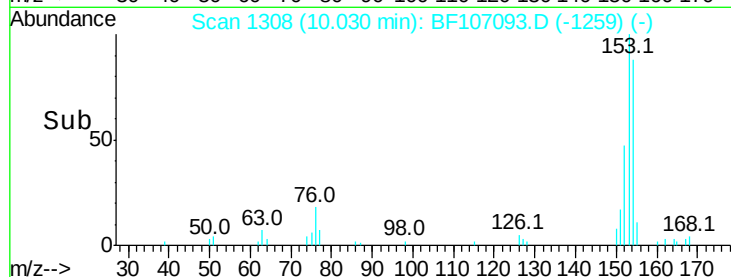
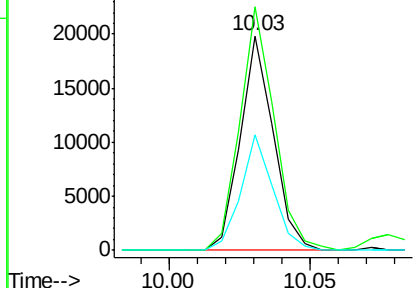
#51
Acenaphthene
Concen: 3.456 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 16100
Ion Ratio Lower Upper
154 100
153 113.5 91.2 136.8
152 53.8 43.8 65.8

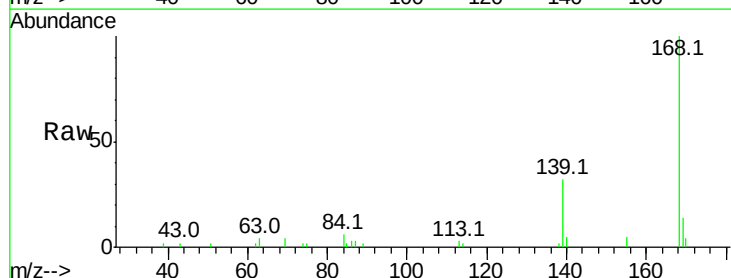


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

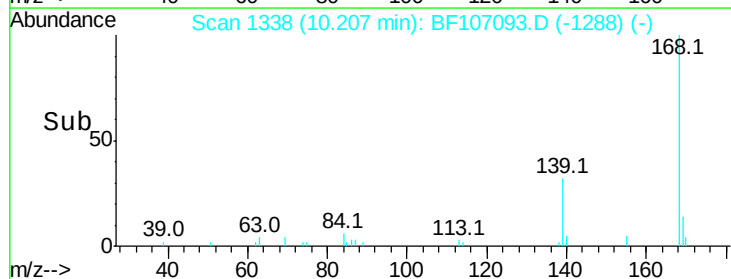
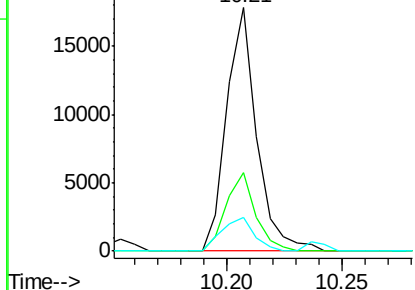


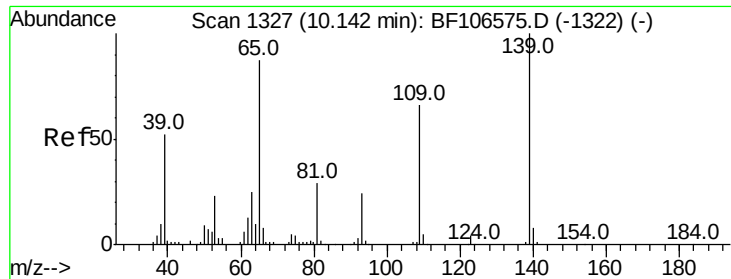
#54
Dibenzofuran
Concen: 2.526 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion:168 Resp: 16114
Ion Ratio Lower Upper
168 100
139 32.1 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

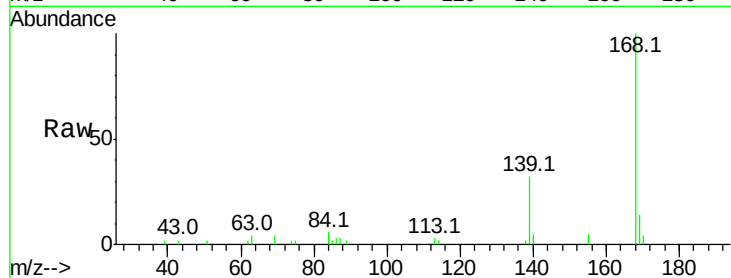




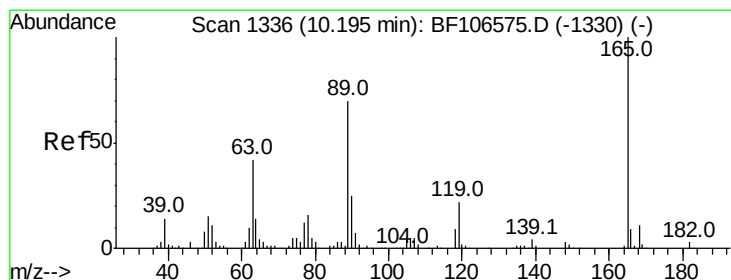
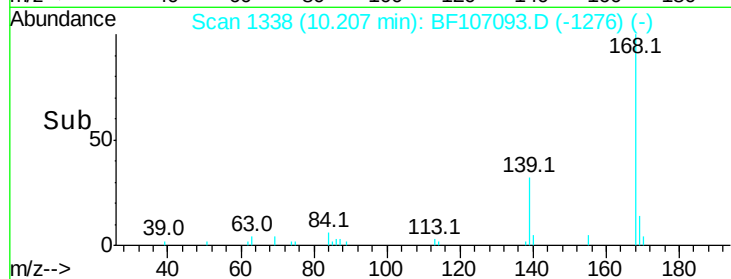
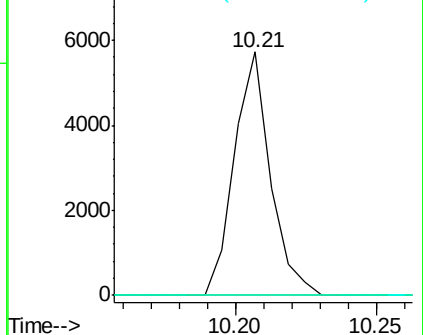
#55
4-Nitrophenol
Concen: 5.338 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 5087
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

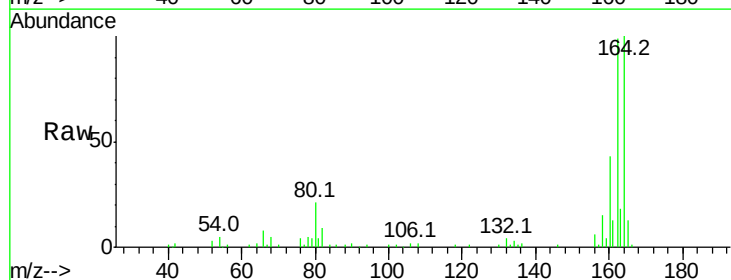


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

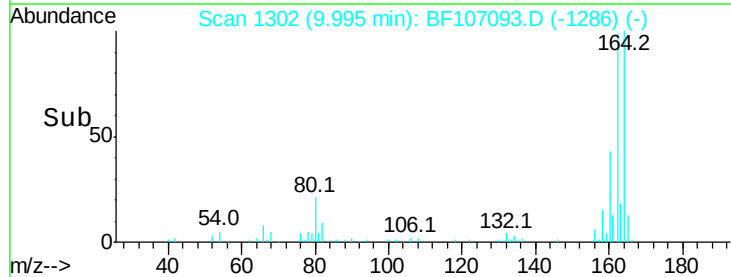
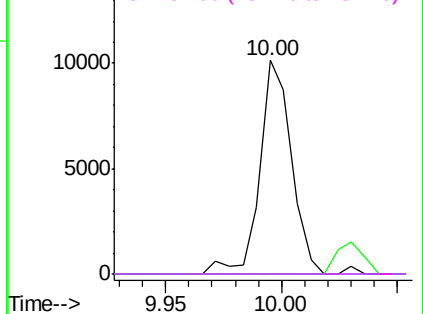


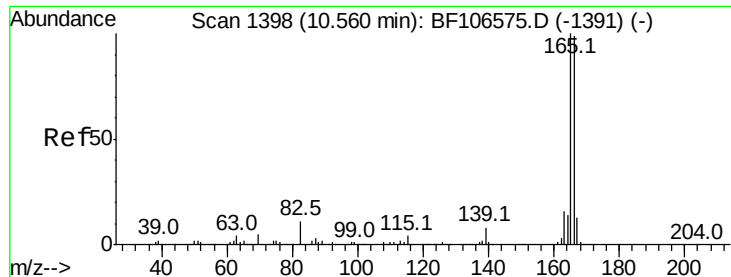
#56
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion:165 Resp: 9699
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

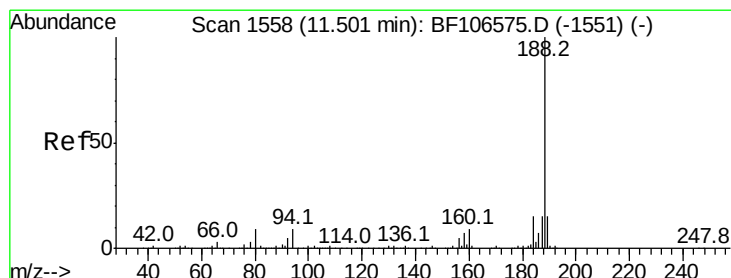
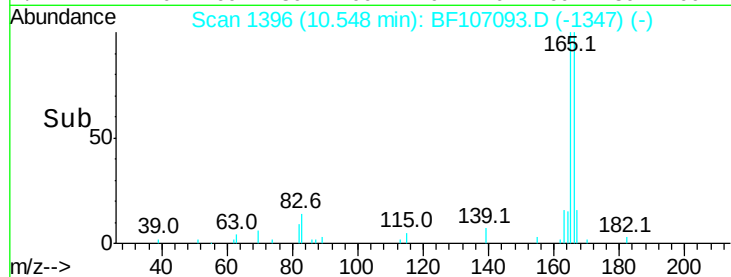
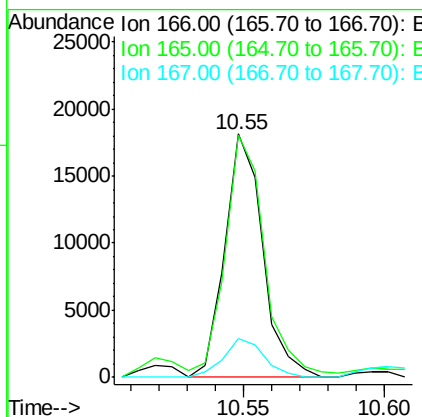
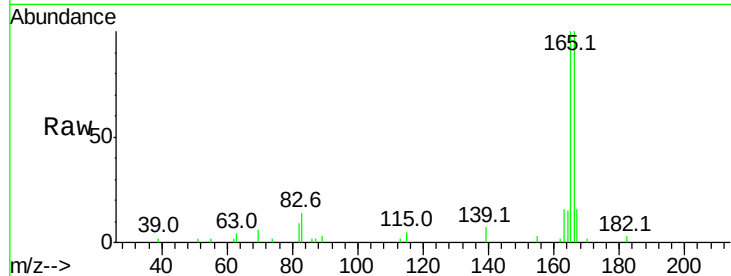




#57
 Fluorene
 Concen: 3.339 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

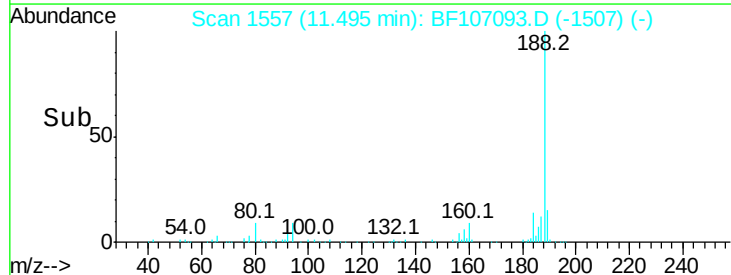
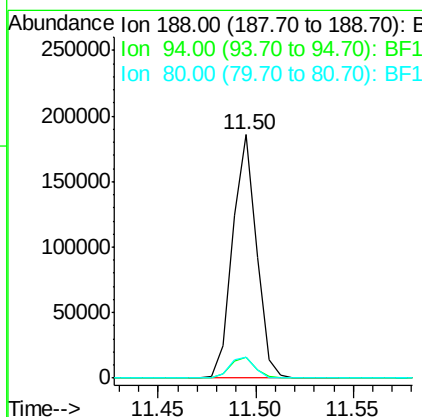
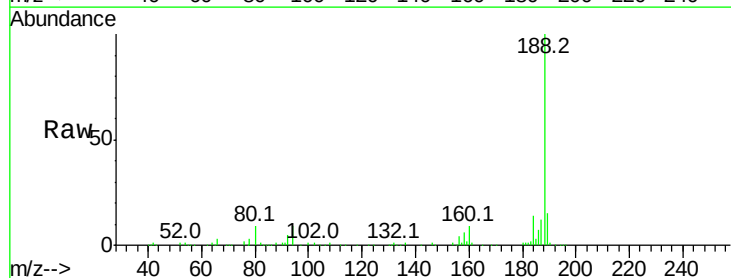
Instrument :
 BNA_F
 ClientSampleId :

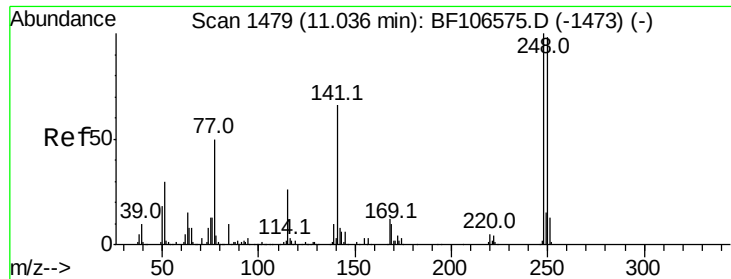
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	15.8	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.7	9.2	13.8#

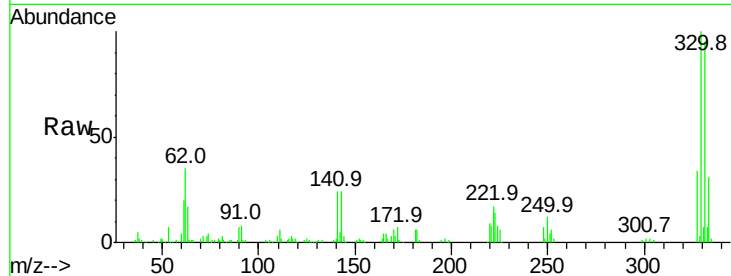




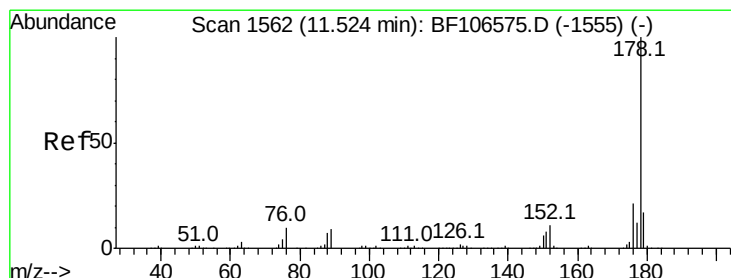
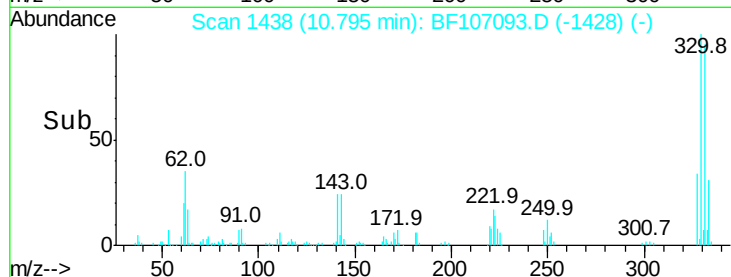
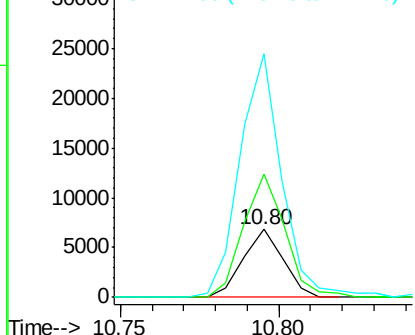
#66
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5931
Ion Ratio Lower Upper
248 100
250 182.1 76.9 115.3#
141 359.9 74.4 111.6#

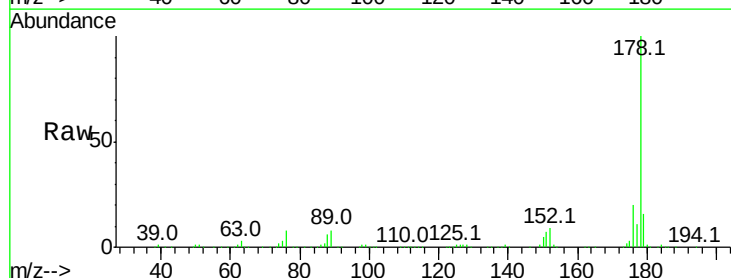


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

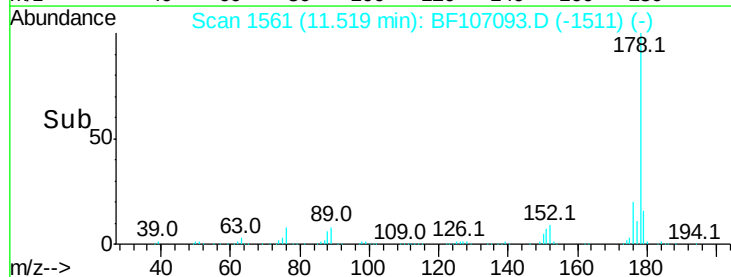
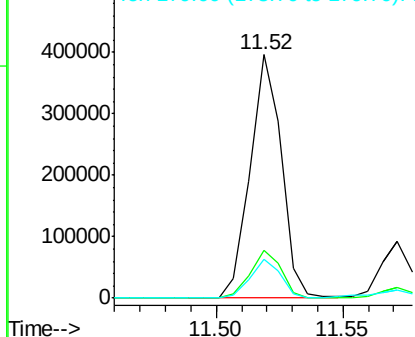


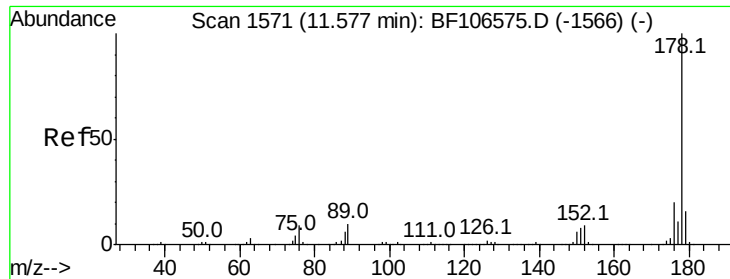
#70
Phenanthrene
Concen: 44.907 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion:178 Resp: 341652
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 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

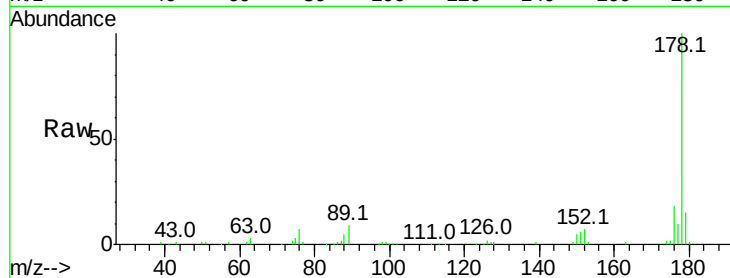




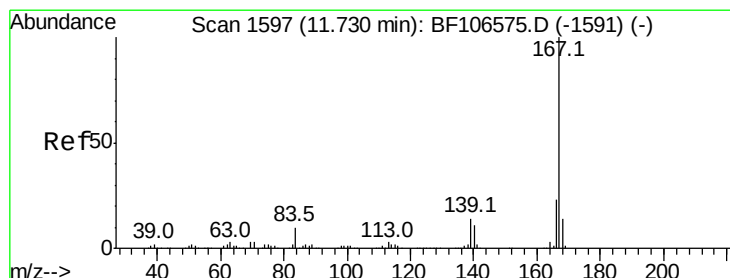
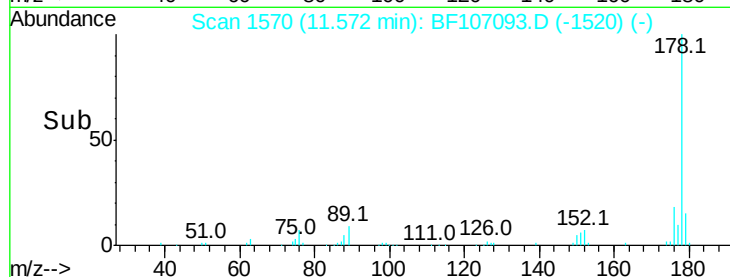
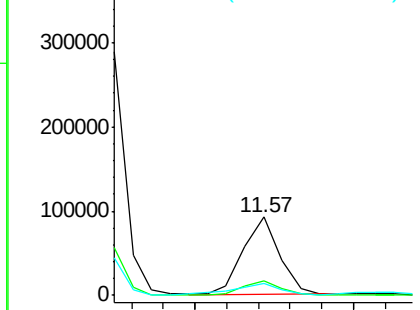
#71
 Anthracene
 Concen: 9.460 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 73459
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.1 12.6 19.0

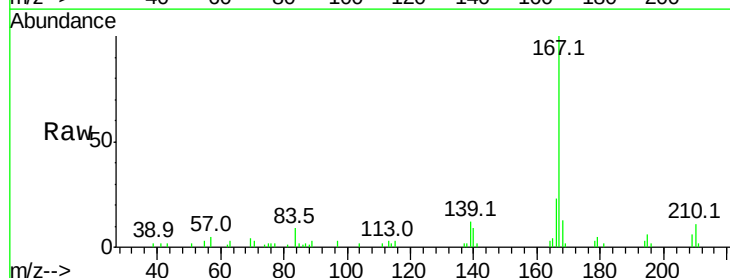


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

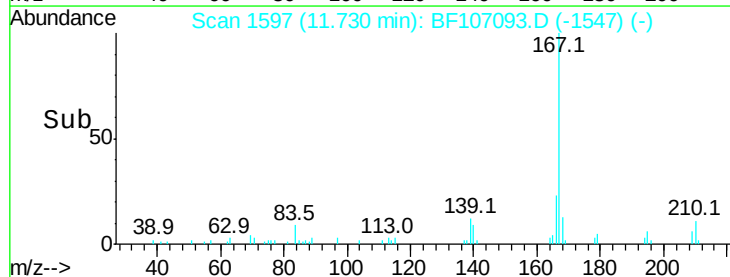
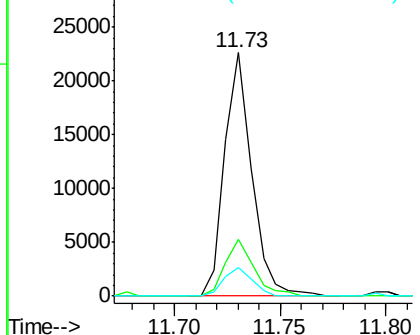


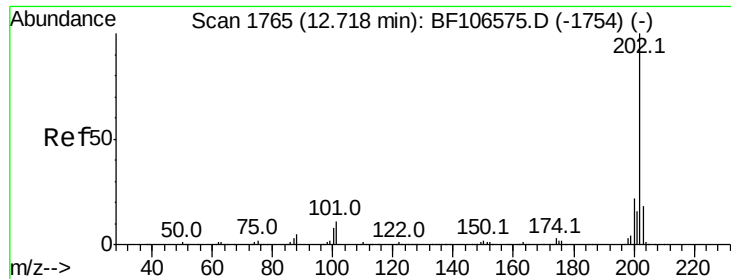
#72
 Carbazole
 Concen: 2.788 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Tgt Ion:167 Resp: 20268
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 11.6 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

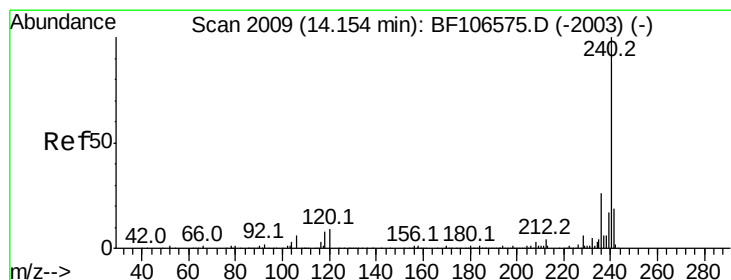
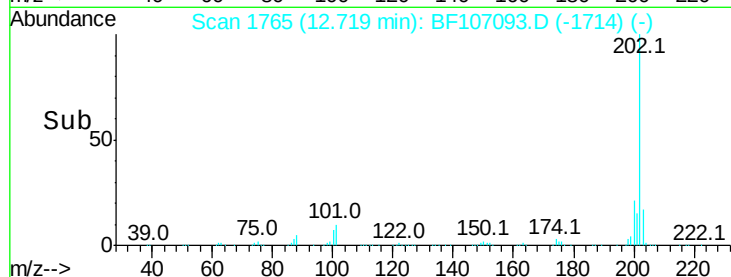
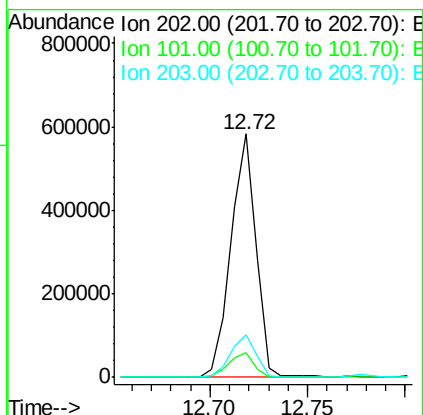
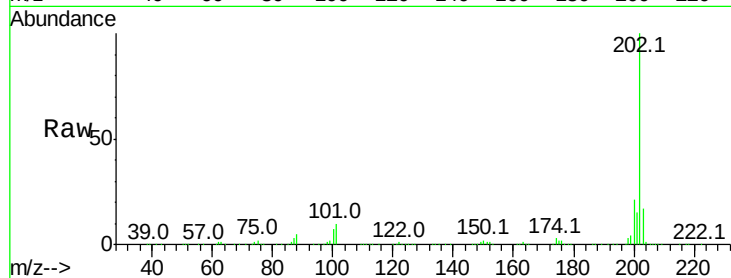




#74
 Fluoranthene
 Concen: 62.009 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

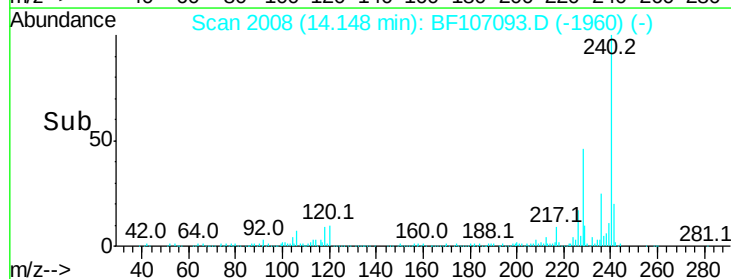
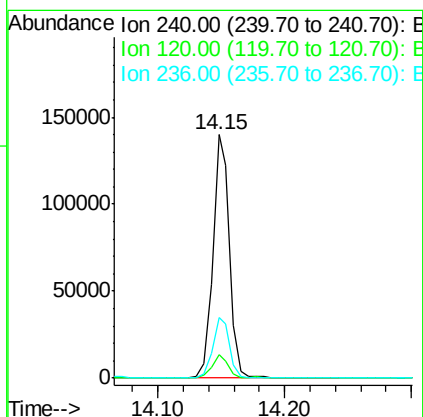
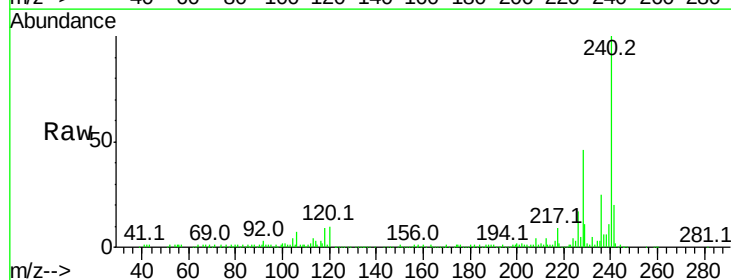
Instrument :
 BNA_F
 ClientSampleId :

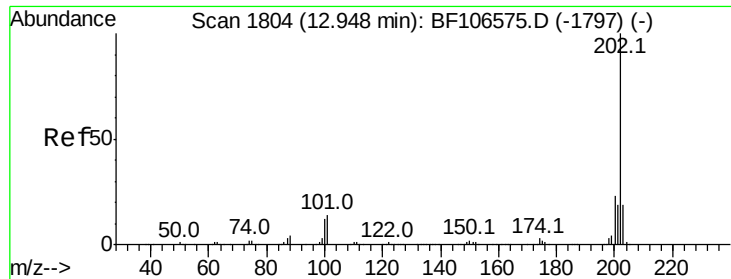
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.0	20.7	31.1





#77

Pvrene

Concen: 56.567 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampleId :

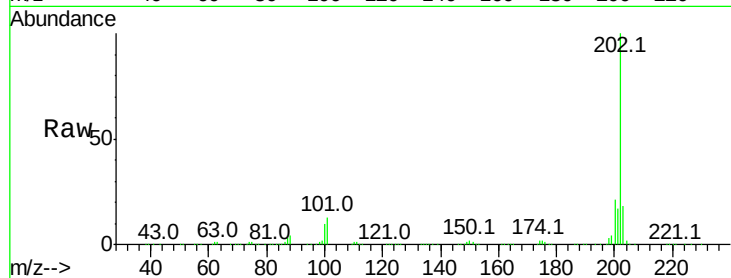
Tot Ion:202 Resp: 481690

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

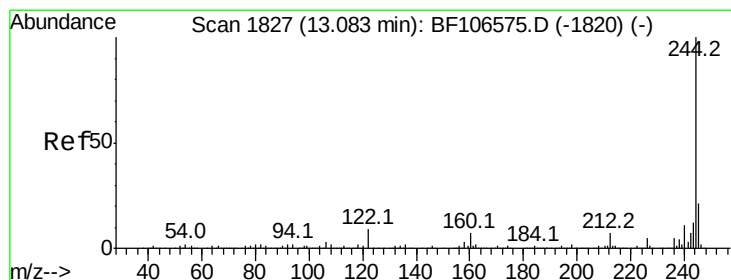
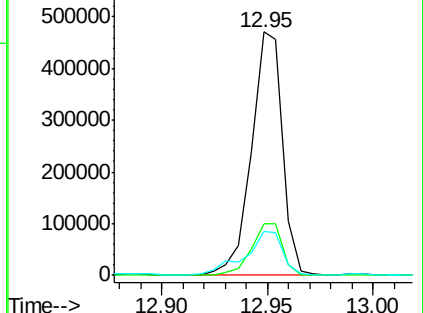
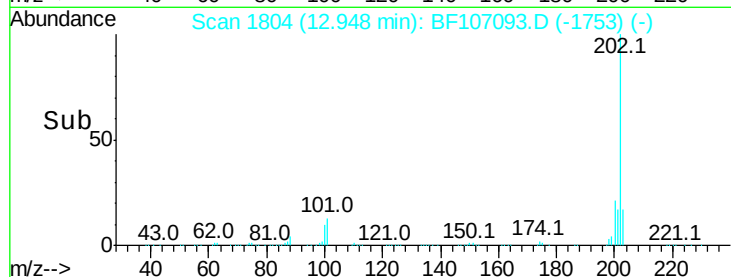
203 17.8 14.3 21.5



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: 82.724 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

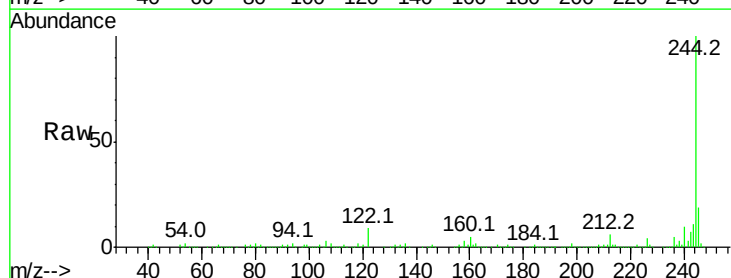
Tgt Ion:244 Resp: 441001

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

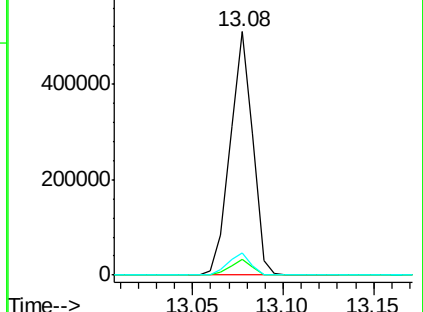
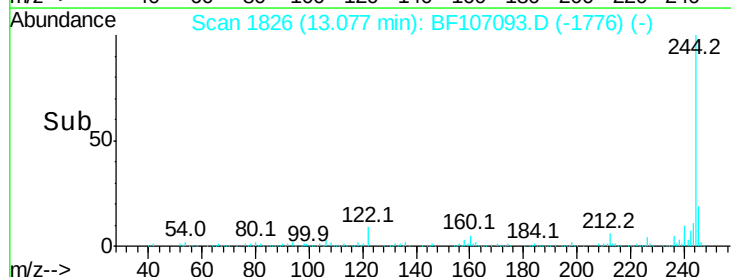
122 8.9 11.0 16.4#

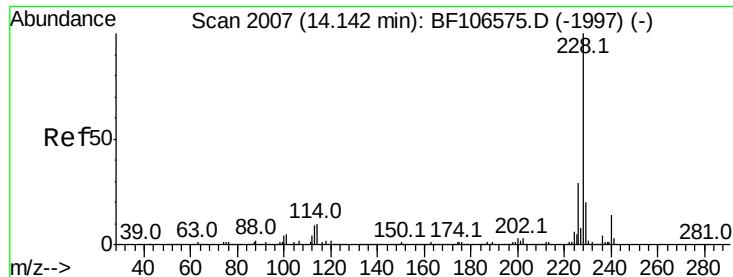


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 23.730 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampled :

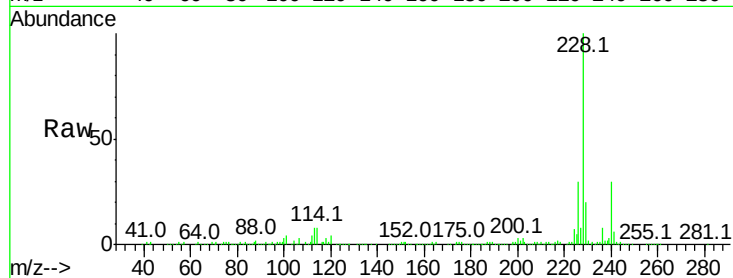
Tot Ion:228 Resp: 186762

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

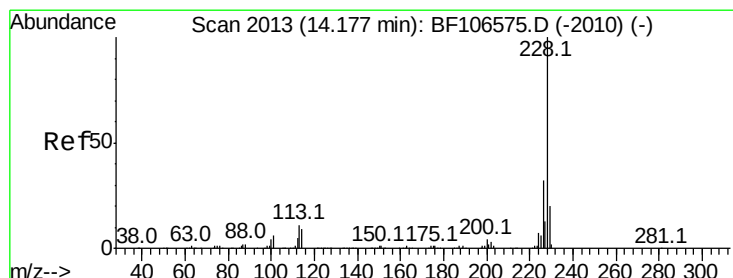
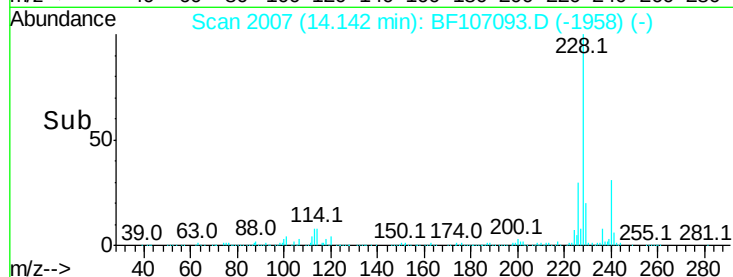
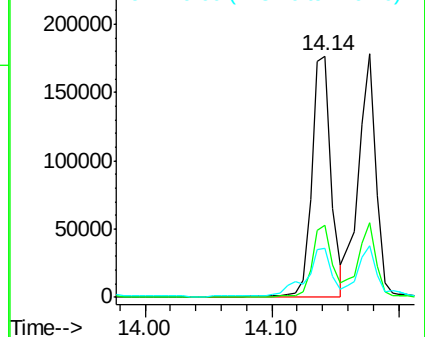
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 23.235 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

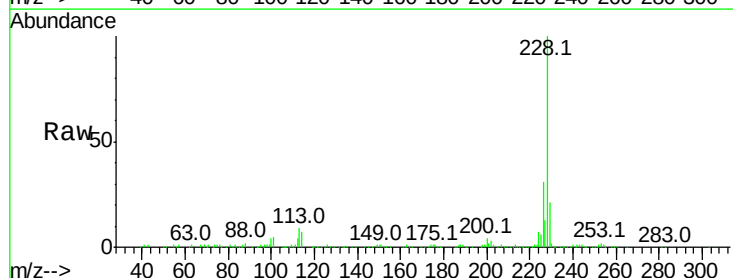
Tgt Ion:228 Resp: 168236

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

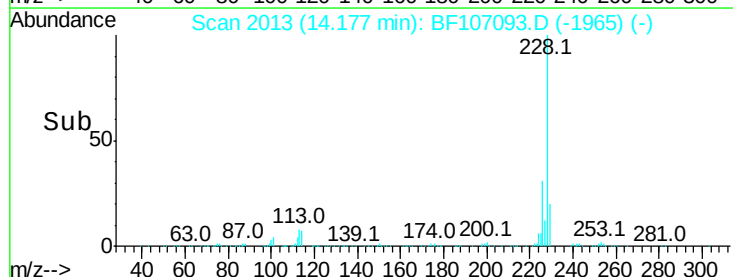
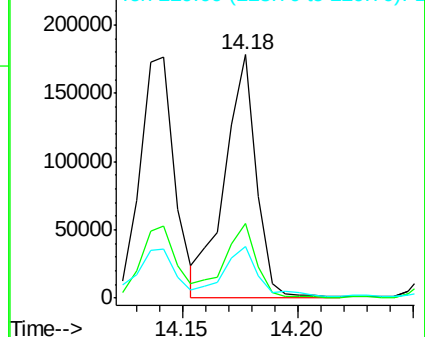
229 21.1 16.2 24.4

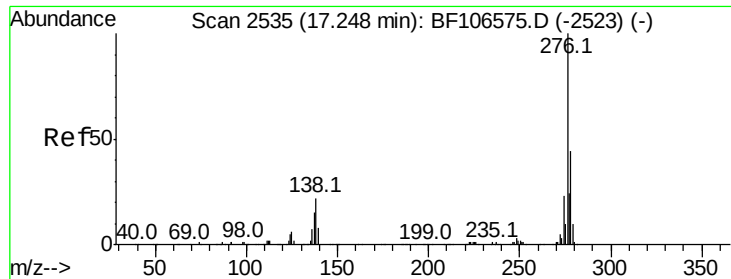


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

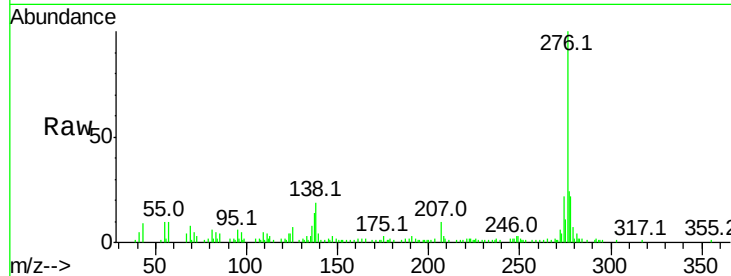




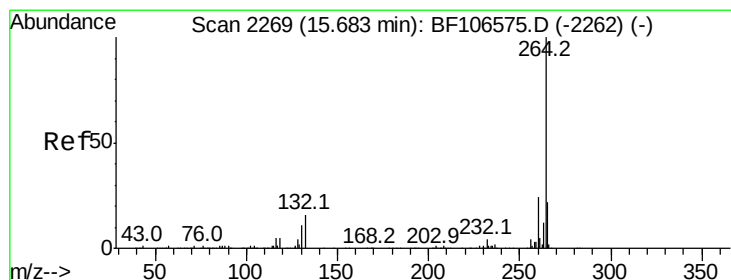
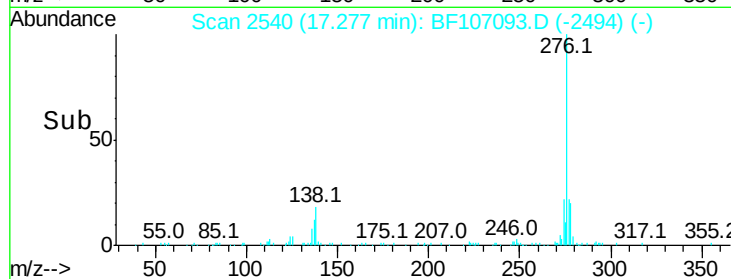
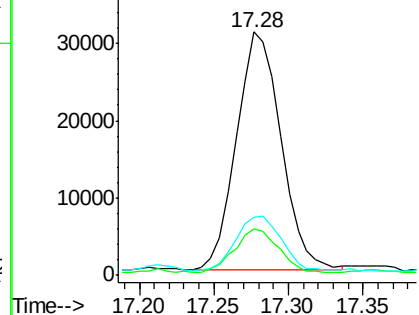
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.408 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	23.9	20.1	30.1

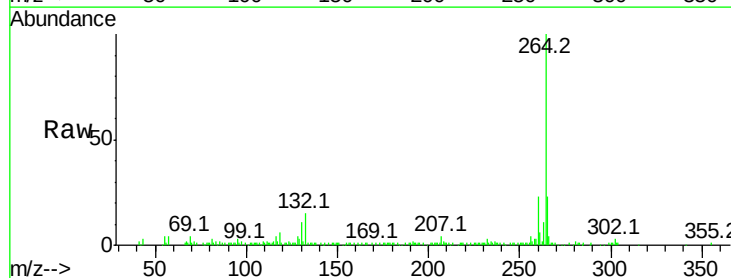


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

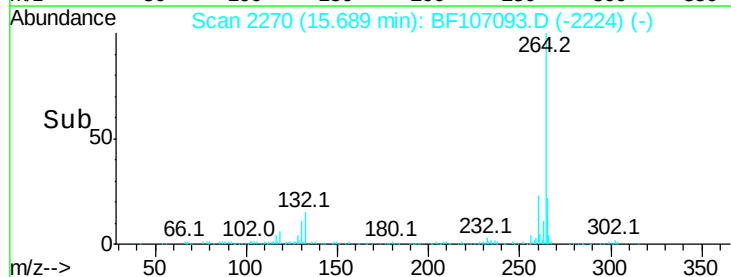
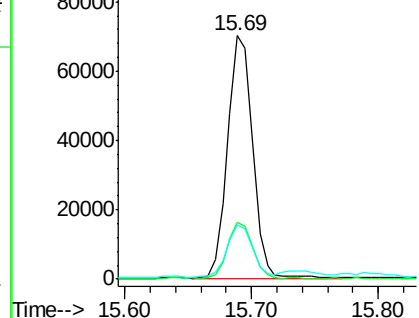


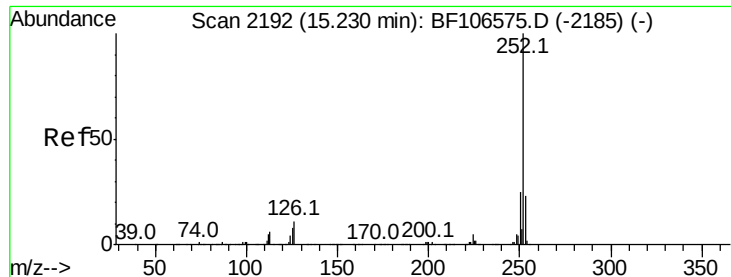
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.5	17.5	26.3



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

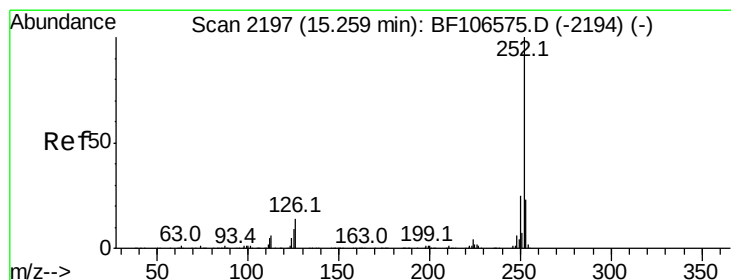
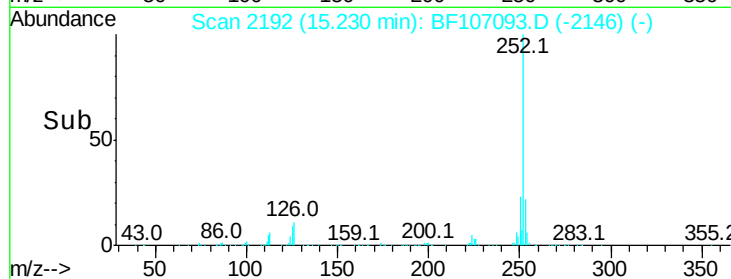
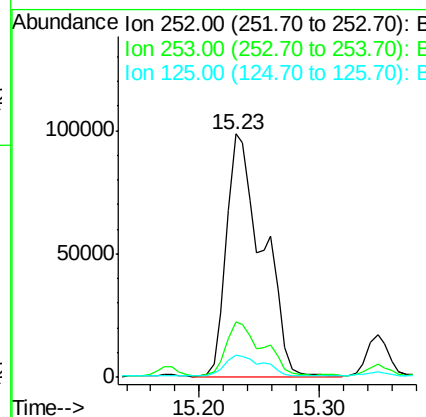
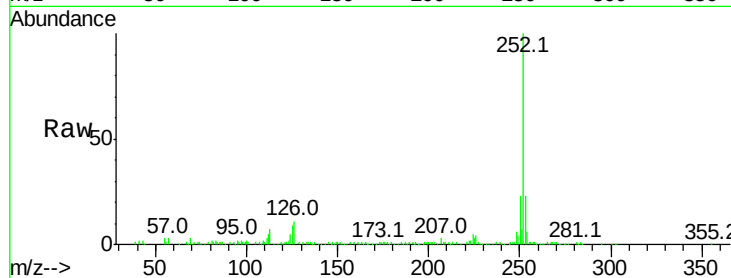




#87
Benzo(b)fluoranthene
Concen: 34.048 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

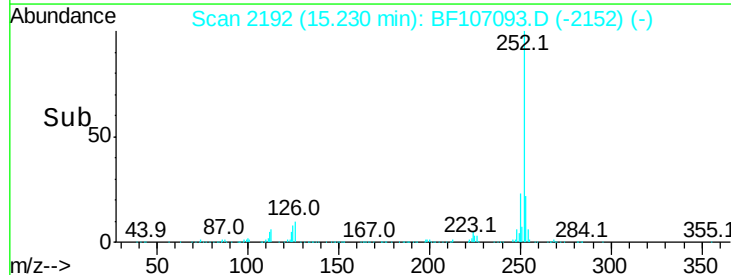
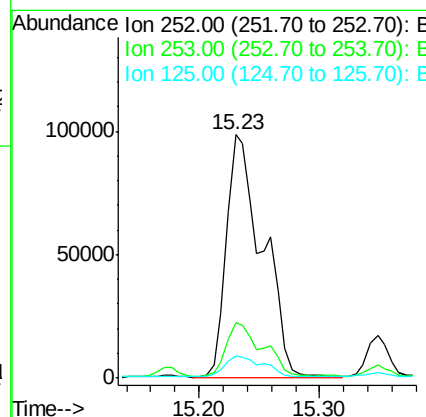
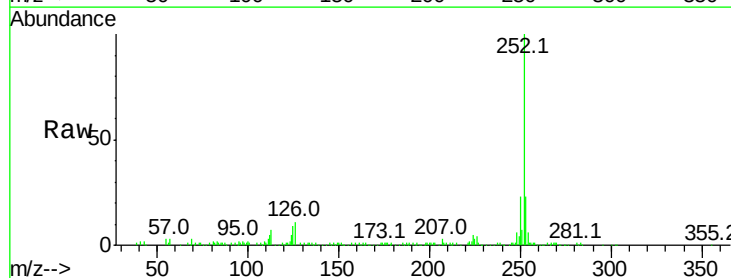
Instrument :
BNA_F
ClientSampleId :

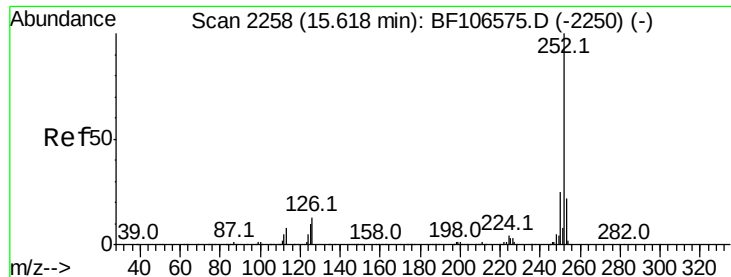
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 35.753 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107093.D
Acq: 3 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.2	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 21.213 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

Instrument :

BNA_F

ClientSampled :

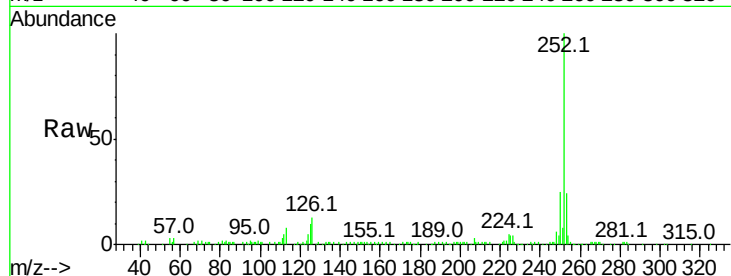
Tot Ion:252 Resp: 112350

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

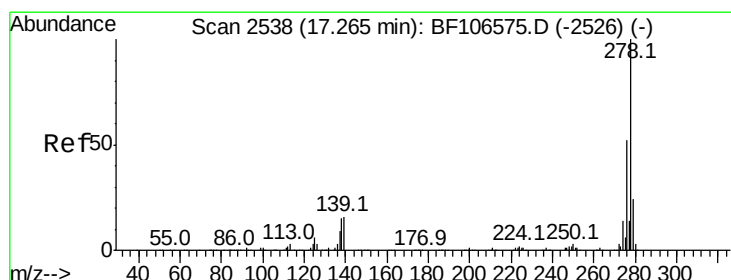
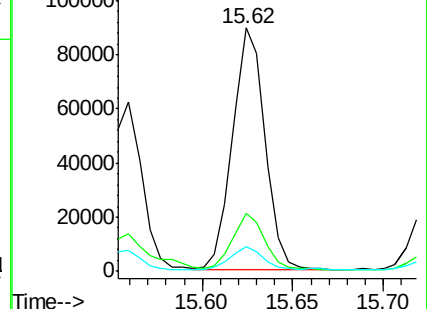
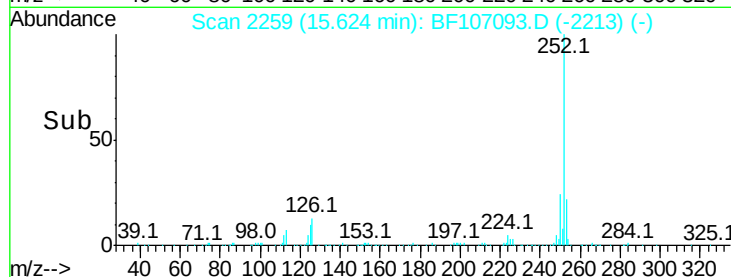
125 10.4 9.8 14.6



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: 3.406 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.04 min

Lab File: BF107093.D

Acq: 3 Jul 2018 20:18

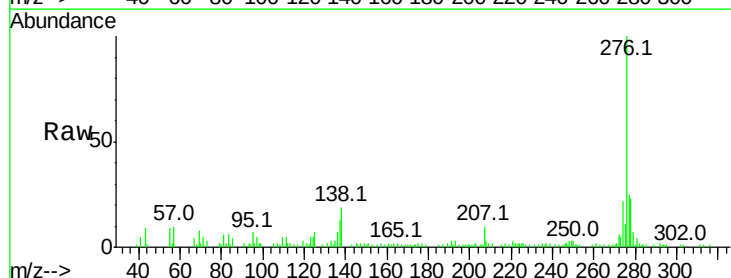
Tgt Ion:278 Resp: 15288

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

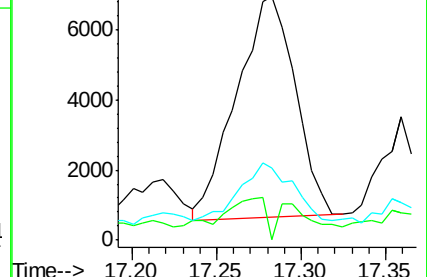
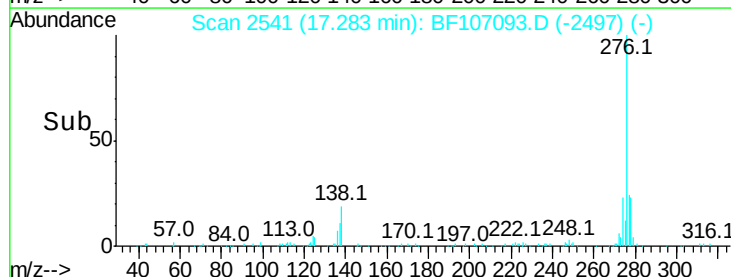
279 29.6 19.0 28.4#

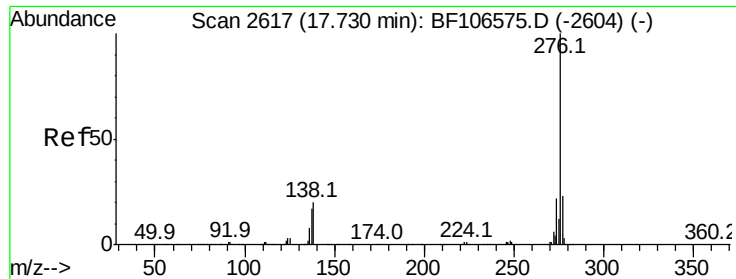


Abundance Ion 278.00 (277.70 to 278.70): E

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: 14.997 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF107093.D
 Acq: 3 Jul 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	17.9	21.8	32.8

