

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107112.D
 Acq On : 4 Jul 2018 5:45
 Operator : JU/SJ
 Sample : J3804-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-01

Quant Time: Jul 04 06:39:45 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

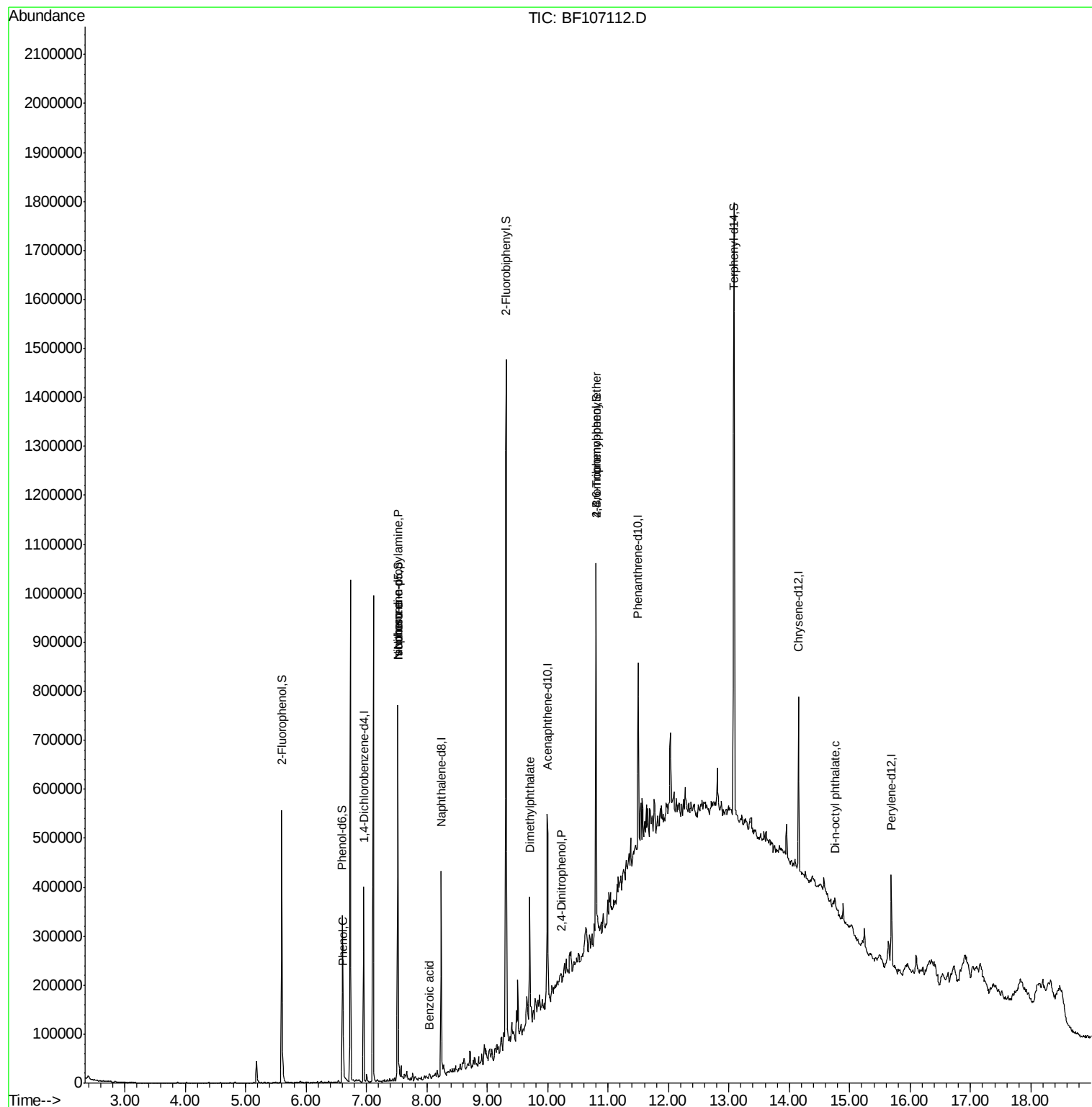
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54276	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193640	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	86595	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	156170	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127833	20.00	ng	-0.01
86) Perylene-d12	15.69	264	103369	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169098	52.76	ng	0.00
7) Phenol-d6	6.60	99	124688	31.15	ng	-0.01
23) Nitrobenzene-d5	7.52	82	271326	77.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	129208	128.74	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	478688	95.37	ng	-0.01
78) Terphenyl-d14	13.08	244	554094	104.99	ng	0.00
Target Compounds						
10) Phenol	6.62	94	20821	4.558	ng	98
19) n-Nitroso-di-n-propylamine	7.52	70	35496	13.453	ng	# 74
25) Isophorone	7.52	82	271324	44.190	ng	# 64
32) Benzoic acid	8.04	122	117	5.786	ng	# 36
49) Dimethylphthalate	9.70	163	92678	14.270	ng	98
53) 2,4-Dinitrophenol	10.24	184	318	5.768	ng	# 74
66) 4-Bromophenyl-phenylether	10.80	248	7658	4.109	ng	# 1
84) Di-n-octyl phthalate	14.75	149	15987	2.213	ng	# 75

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

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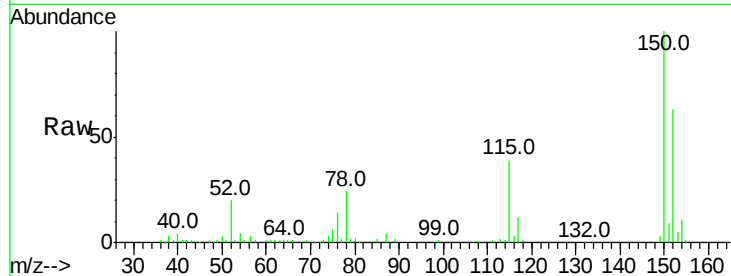


#1

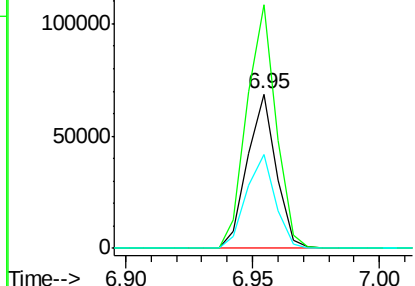
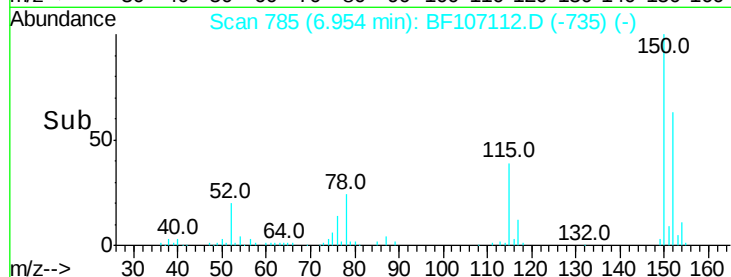
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampleId :
GPW-01

Tot Ion:152 Resp: 54276
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.8 50.1 75.1



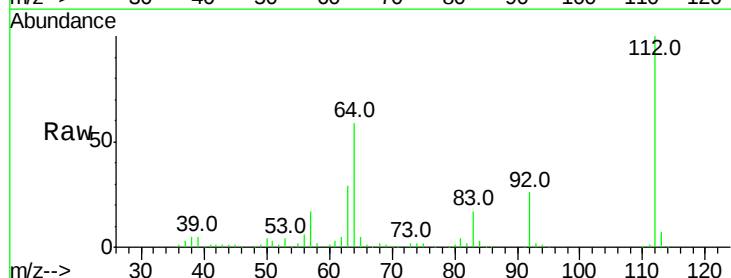
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



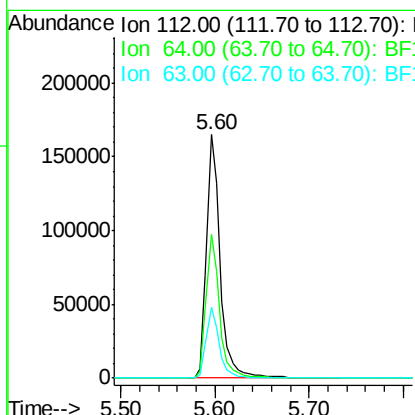
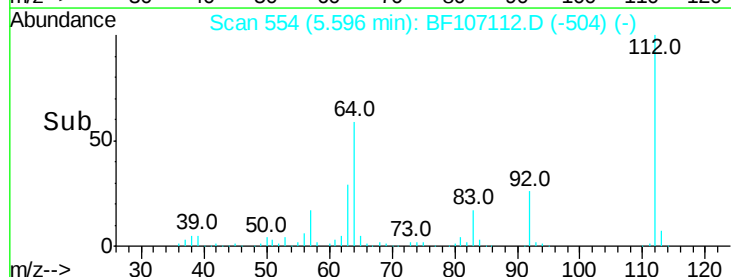
#5

2-Fluorophenol
Concen: 52.756 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:112 Resp: 169098
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.1 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: 31.150 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

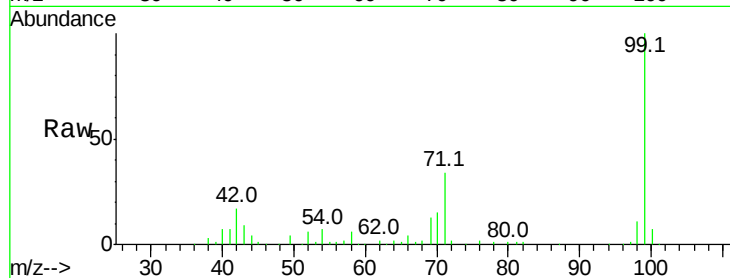
Tot Ion: 99 Resp: 124688

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

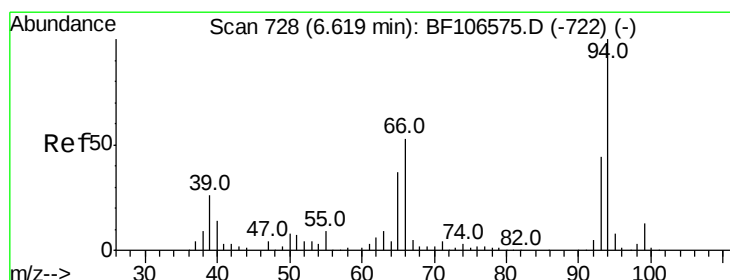
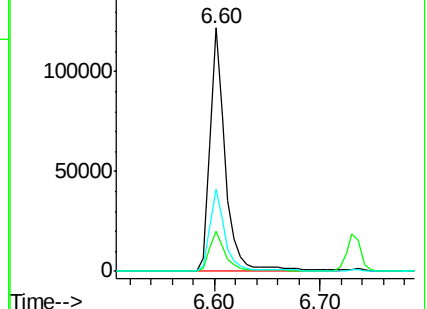
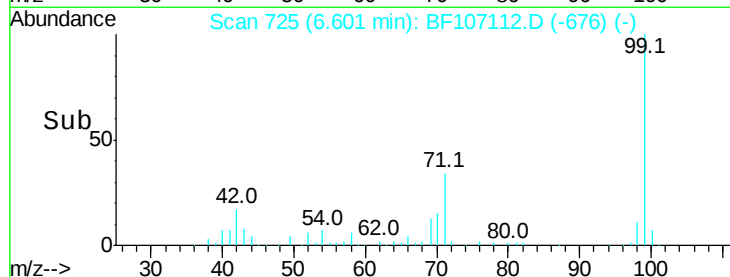
71 33.6 25.4 38.0



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



#10

Phenol

Concen: 4.558 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

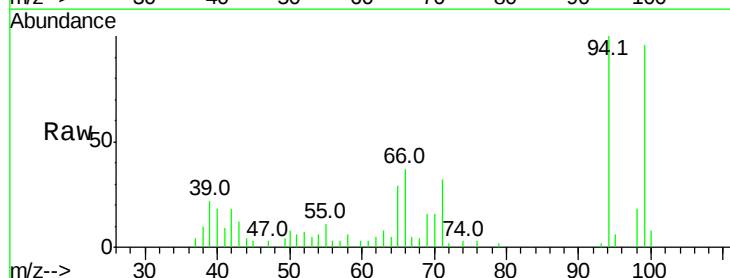
Tgt Ion: 94 Resp: 20821

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

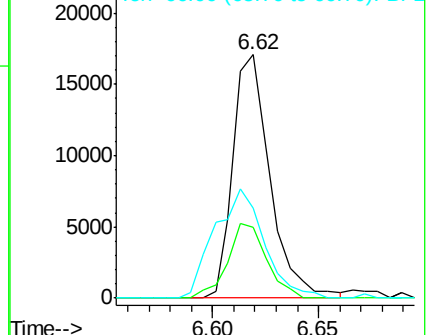
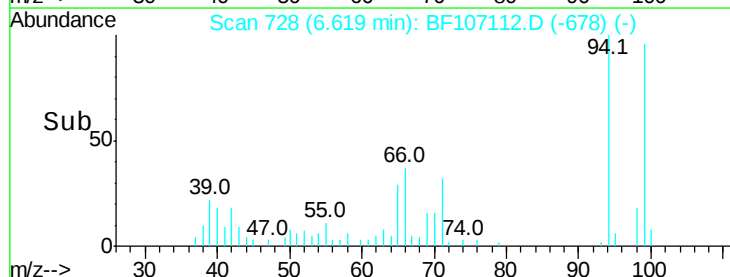
66 37.2 16.2 56.2

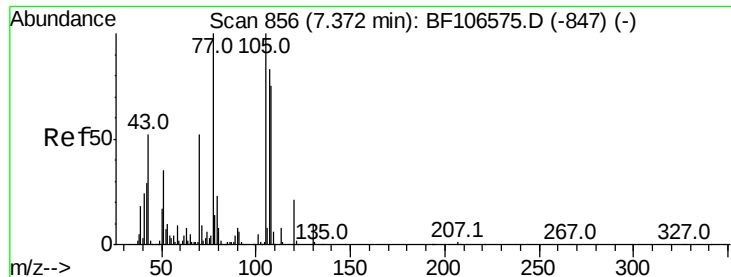


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

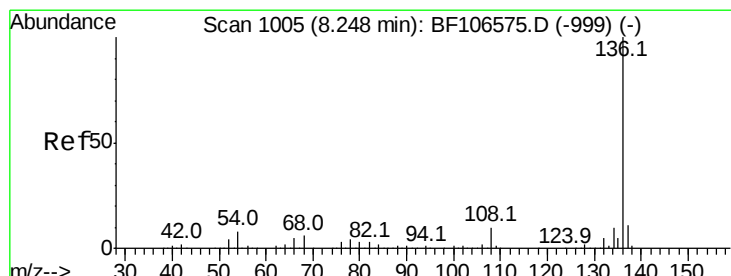
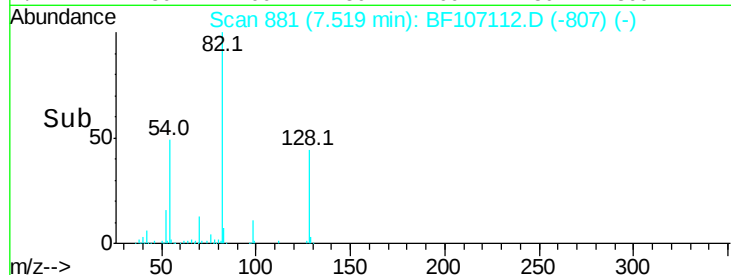
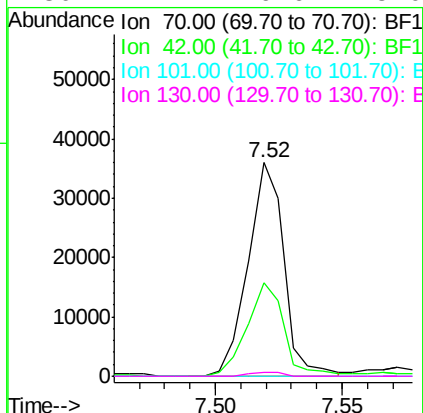
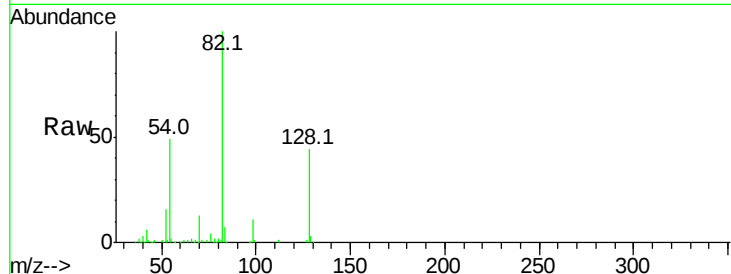




#19
n-Nitroso-di-n-propylamine
Concen: 13.453 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

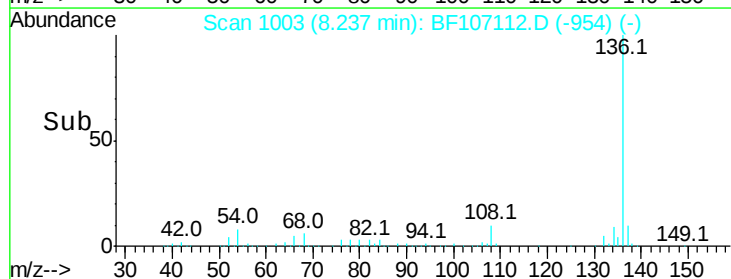
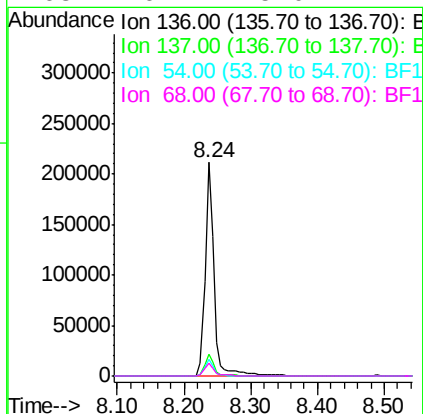
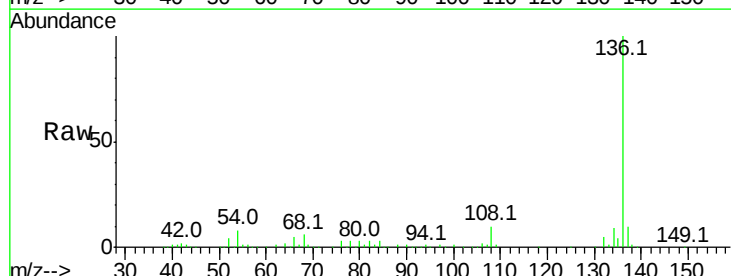
Instrument :
BNA_F
ClientSampled :
GPW-01

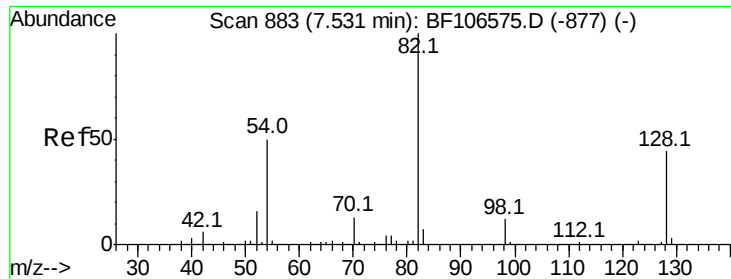
Tot Ion: 70 Resp: 35496
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion: 136 Resp: 193640
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.9 6.6 9.8
68 6.2 5.0 7.4

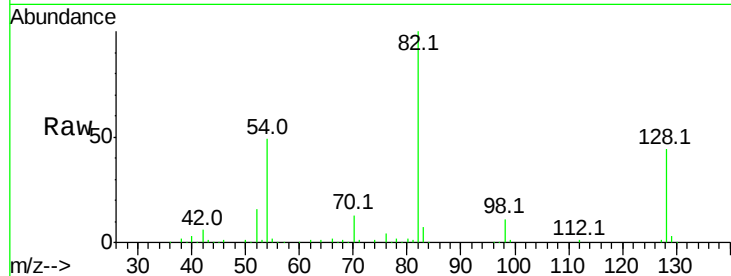




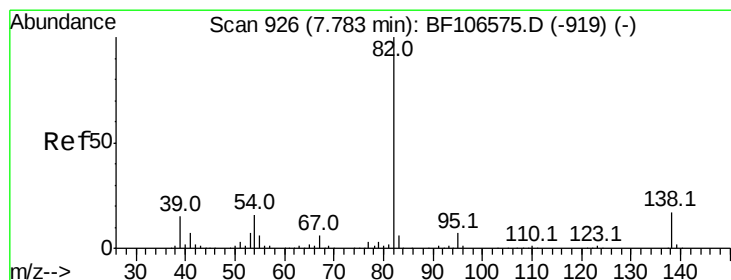
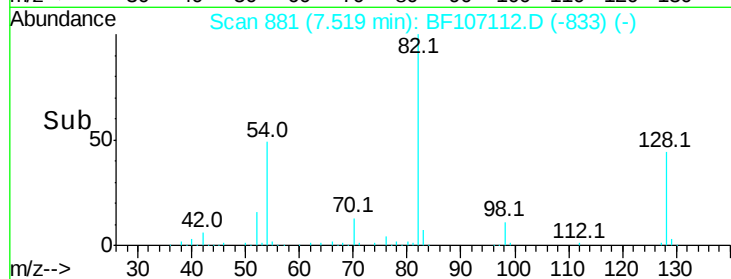
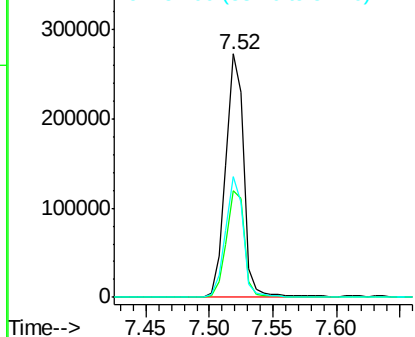
#23
Nitrobenzene-d5
Concen: 77.869 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampleId :
GPW-01

Tot Ion	82	Resp	271326
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	49.4	41.4	62.2

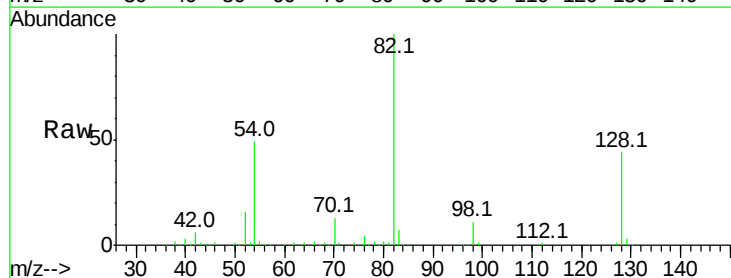


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

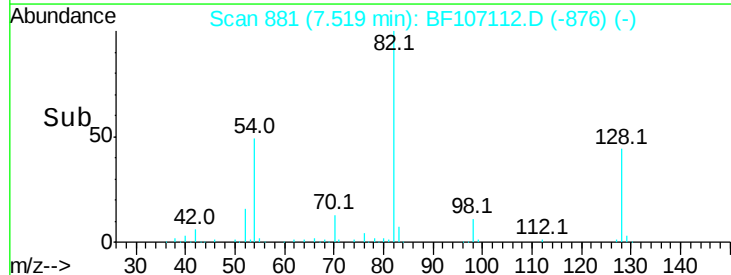
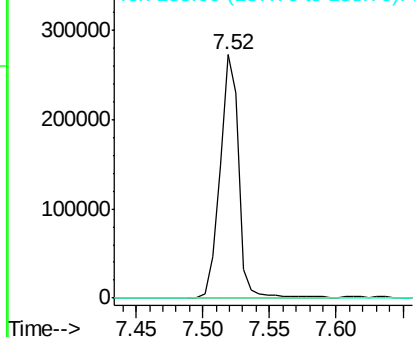


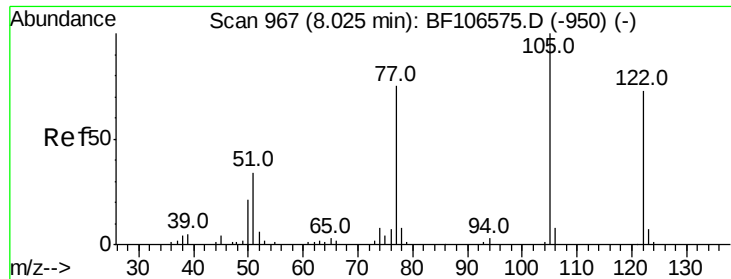
#25
Isophorone
Concen: 44.190 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion	82	Resp	271324
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





#32

Benzoic acid

Concen: 5.786 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

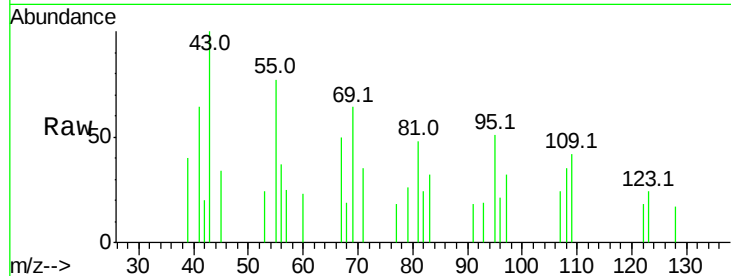
Tot Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

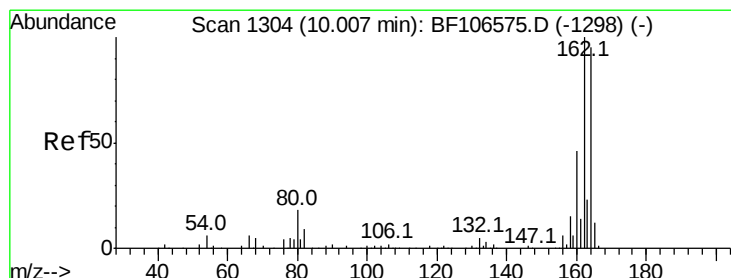
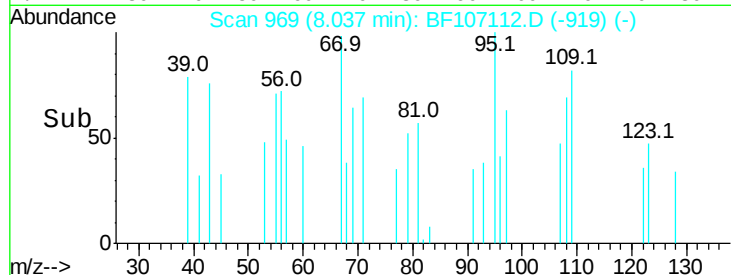
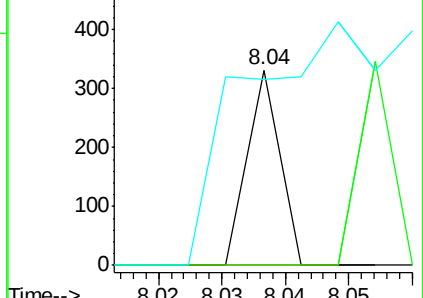
77 95.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

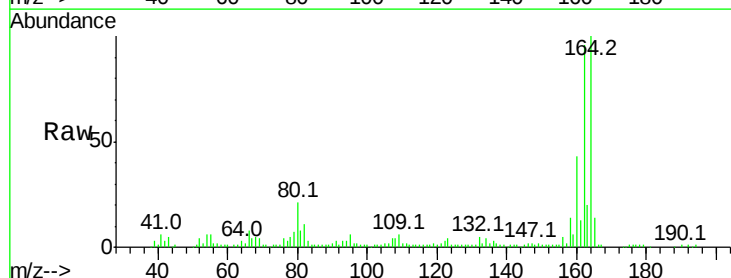
Tgt Ion:164 Resp: 86595

Ion Ratio Lower Upper

164 100

162 96.1 86.1 129.1

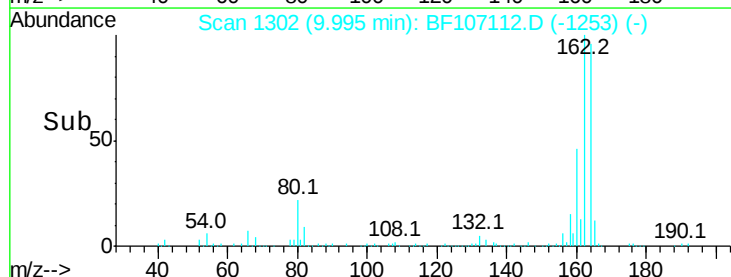
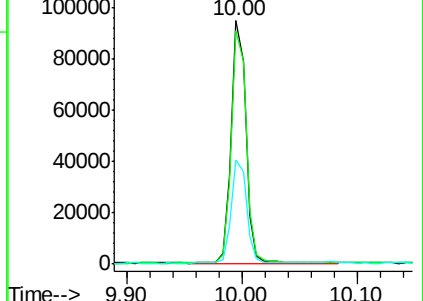
160 42.7 38.3 57.5

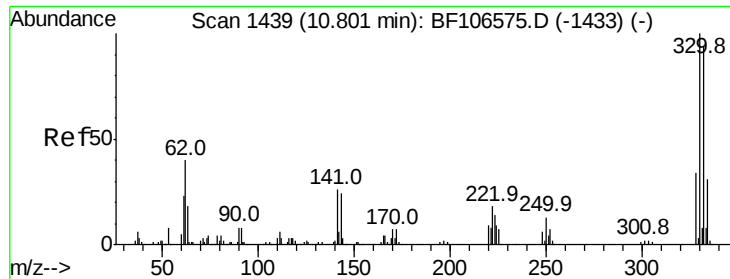


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

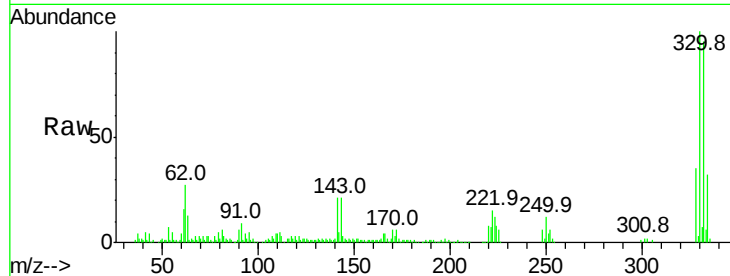




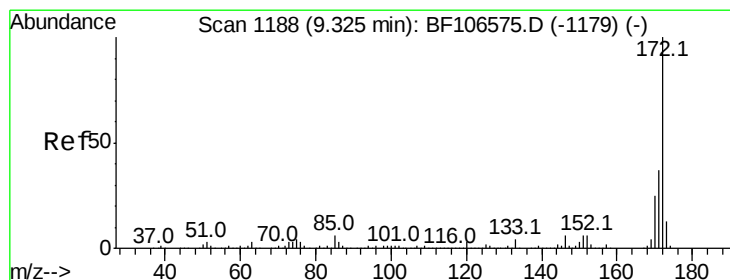
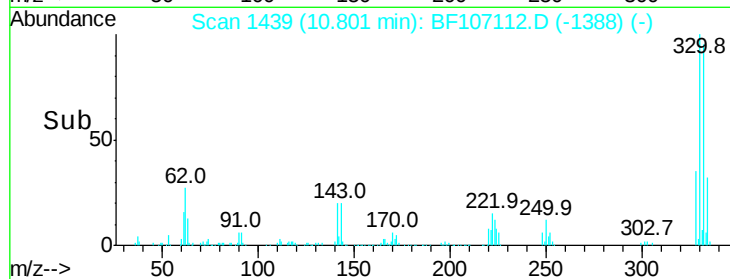
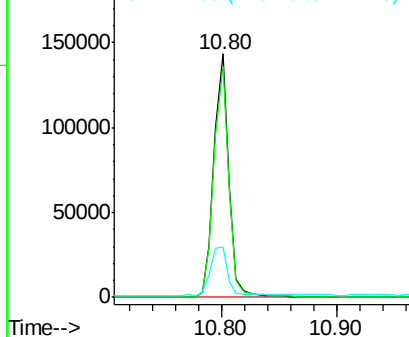
#41
 2,4,6-Tribromophenol
 Concen: 128.737 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 GPW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	22.9	29.9	44.9#

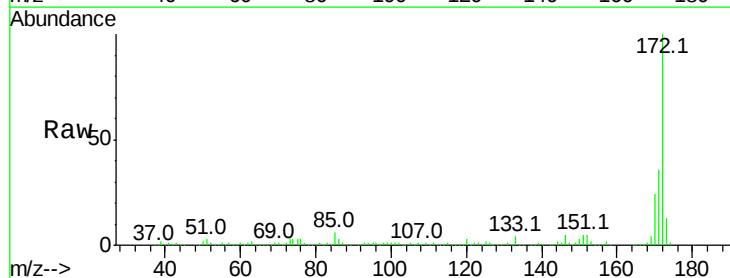


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

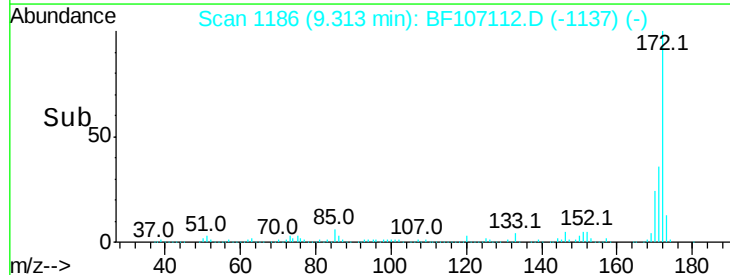
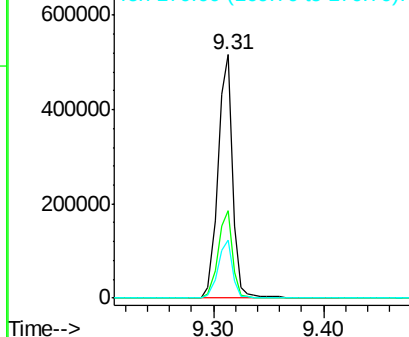


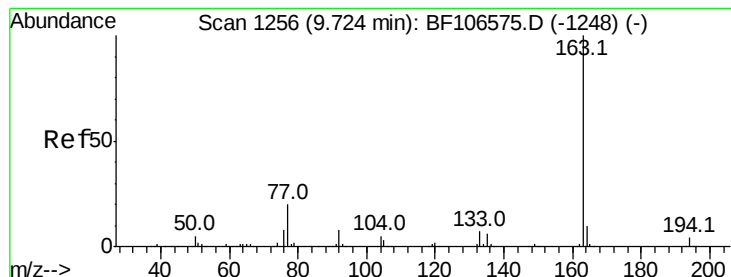
#44
 2-Fluorobiphenyl
 Concen: 95.365 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.270 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampled :

GPW-01

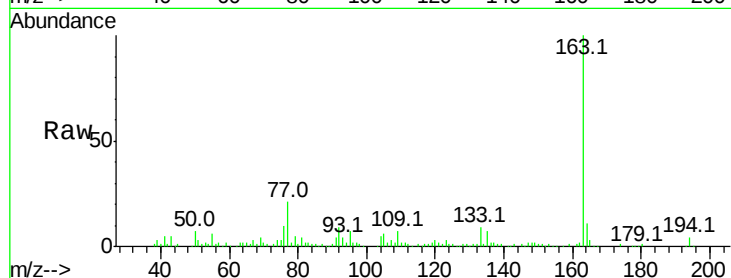
Tot Ion:163 Resp: 92678

Ion Ratio Lower Upper

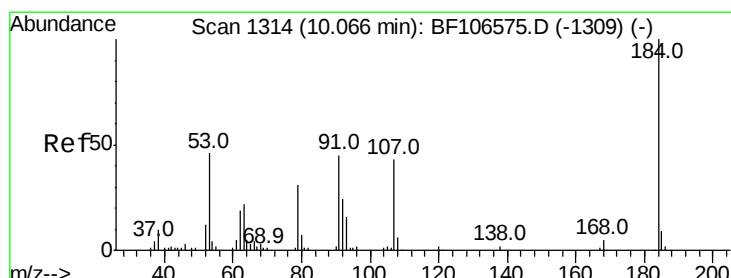
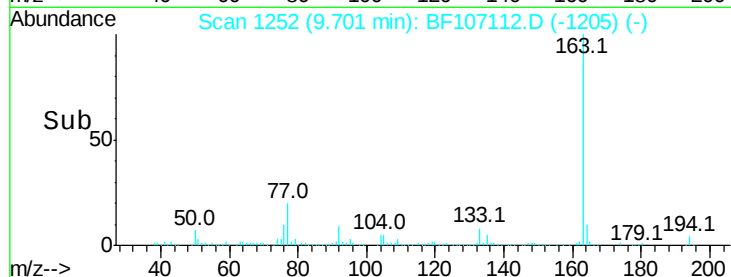
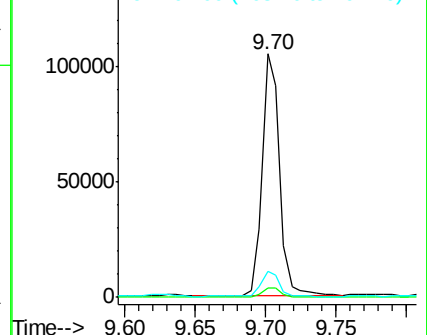
163 100

194 3.8 2.7 4.1

164 10.9 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 5.768 ng

RT: 10.24 min Scan# 1343

Delta R.T. 0.16 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

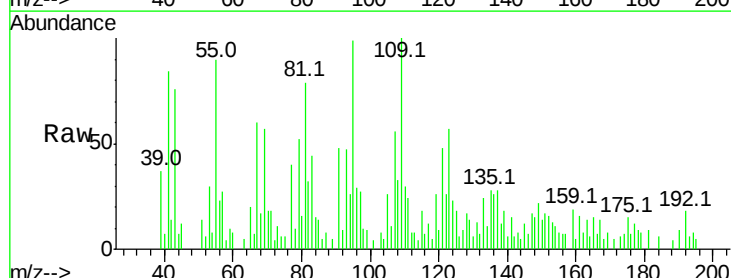
Tgt Ion:184 Resp: 318

Ion Ratio Lower Upper

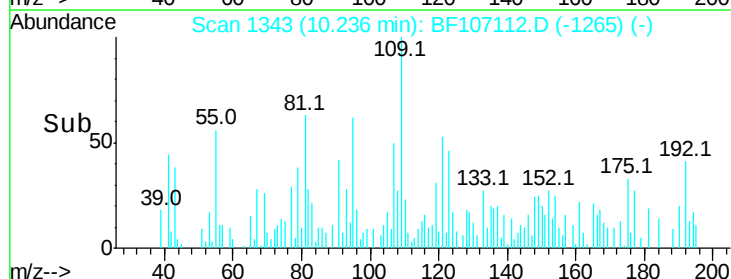
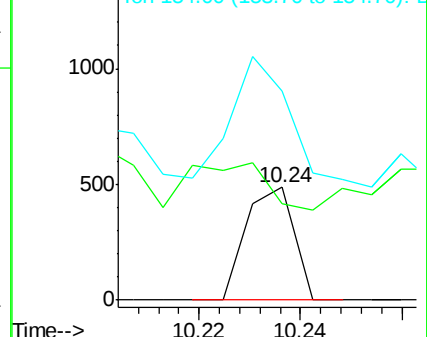
184 100

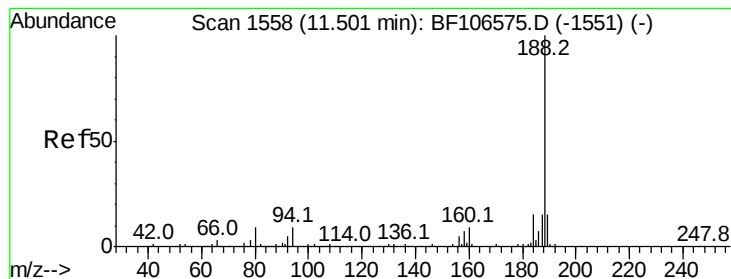
63 85.8 54.2 81.2#

154 186.0 184.0 276.0



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

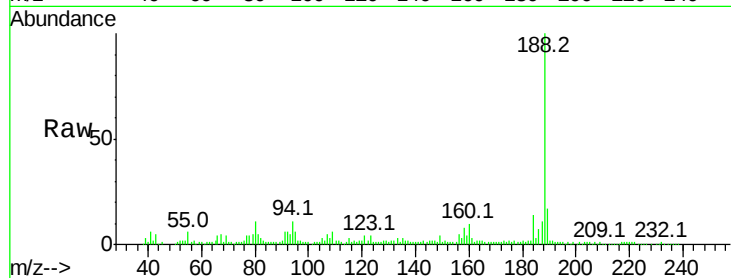
Tot Ion:188 Resp: 156170

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

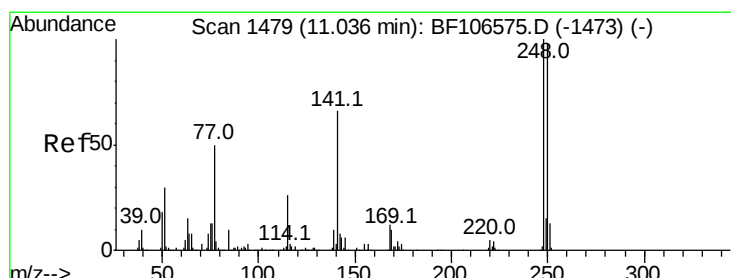
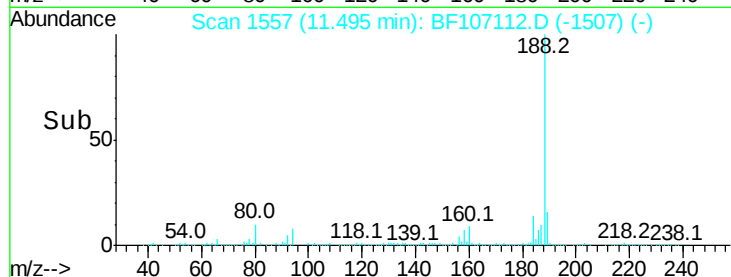
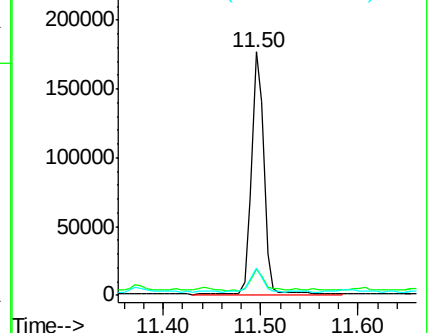
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 4.109 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

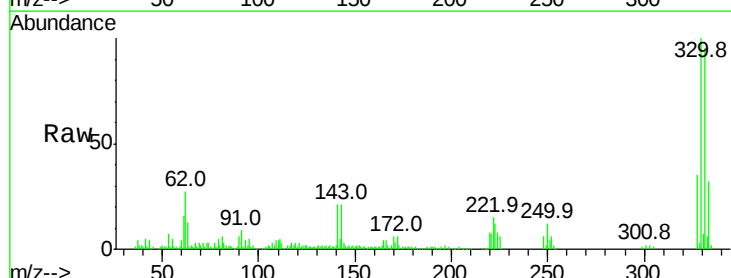
Tgt Ion:248 Resp: 7658

Ion Ratio Lower Upper

248 100

250 206.4 76.9 115.3#

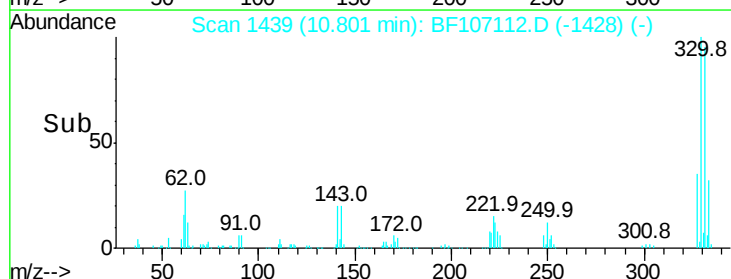
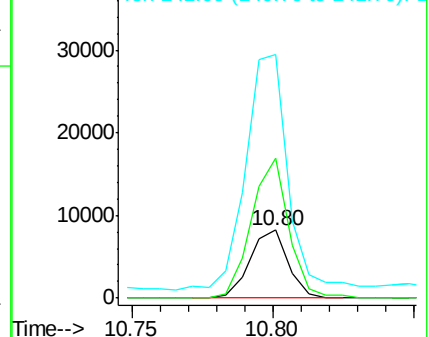
141 358.7 74.4 111.6#

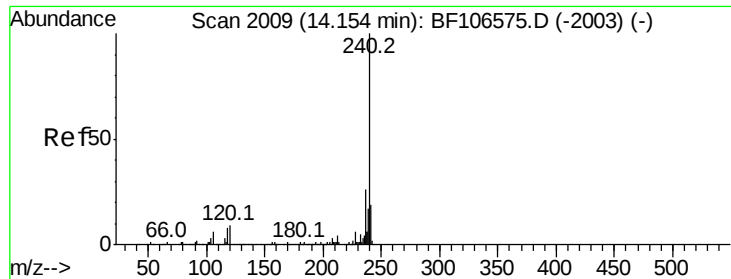


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

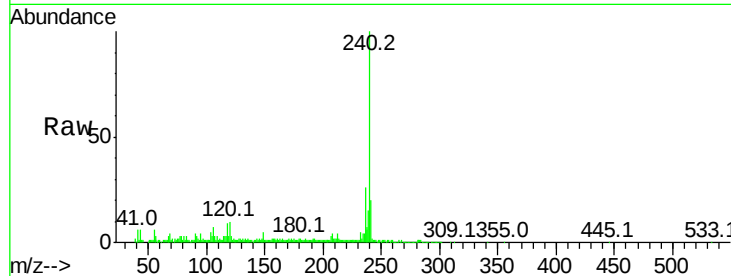
Tot Ion:240 Resp: 127833

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

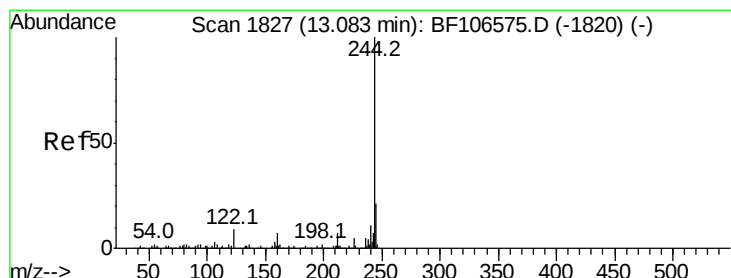
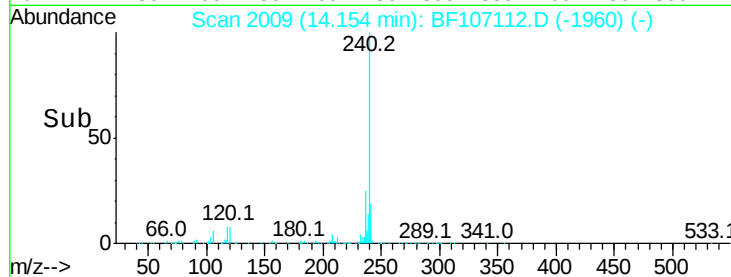
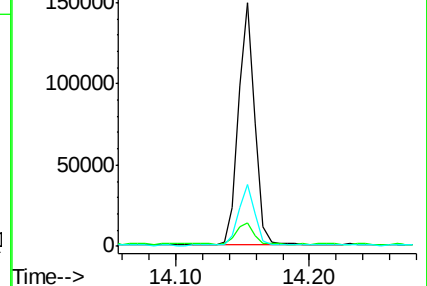
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 104.995 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

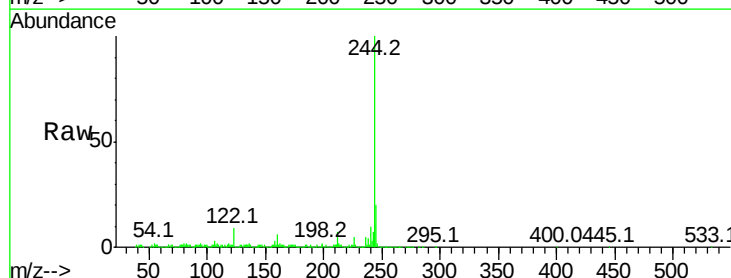
Tgt Ion:244 Resp: 554094

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

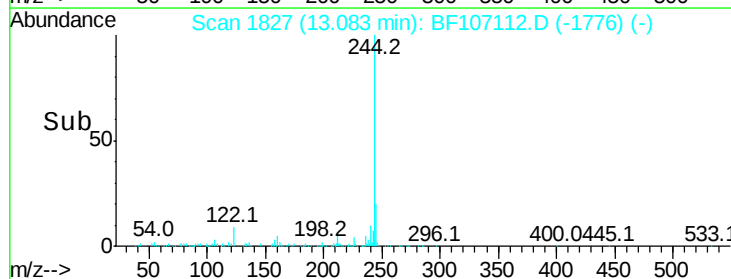
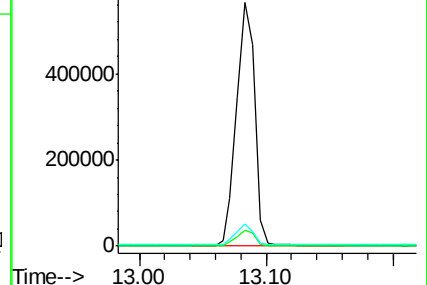
122 9.1 11.0 16.4#

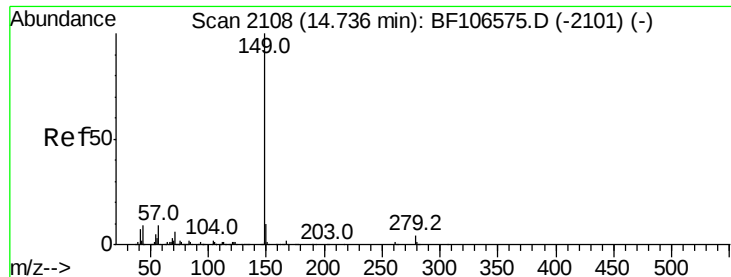


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

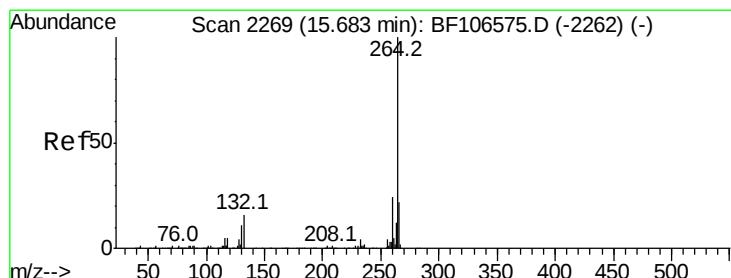
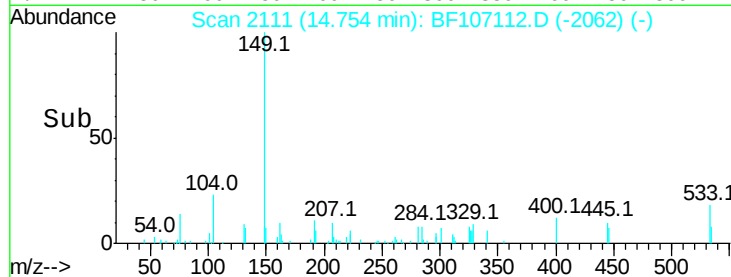
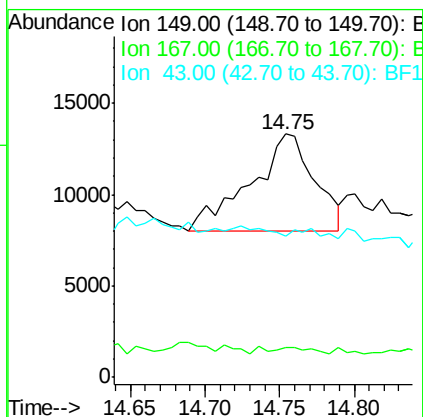
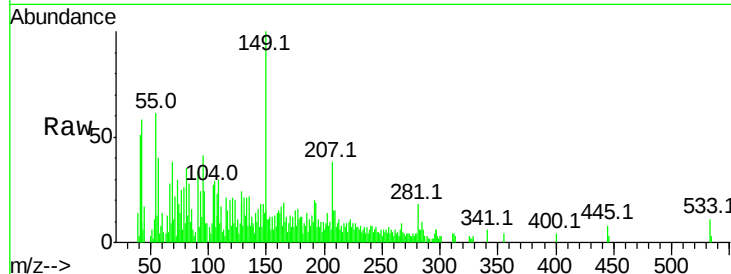




#84
Di-n-octyl phthalate
Concen: 2.213 ng
RT: 14.75 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampled :
GPW-01

Tot Ion:149 Resp: 15987
Ion Ratio Lower Upper
149 100
167 3.8 1.2 1.8#
43 0.0 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:264 Resp: 103369
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 17.5 26.3

