

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107033.D
 Acq On : 2 Jul 2018 10:07
 Operator : JU/SJ
 Sample : J3743-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

Quant Time: Jul 02 11:09:41 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

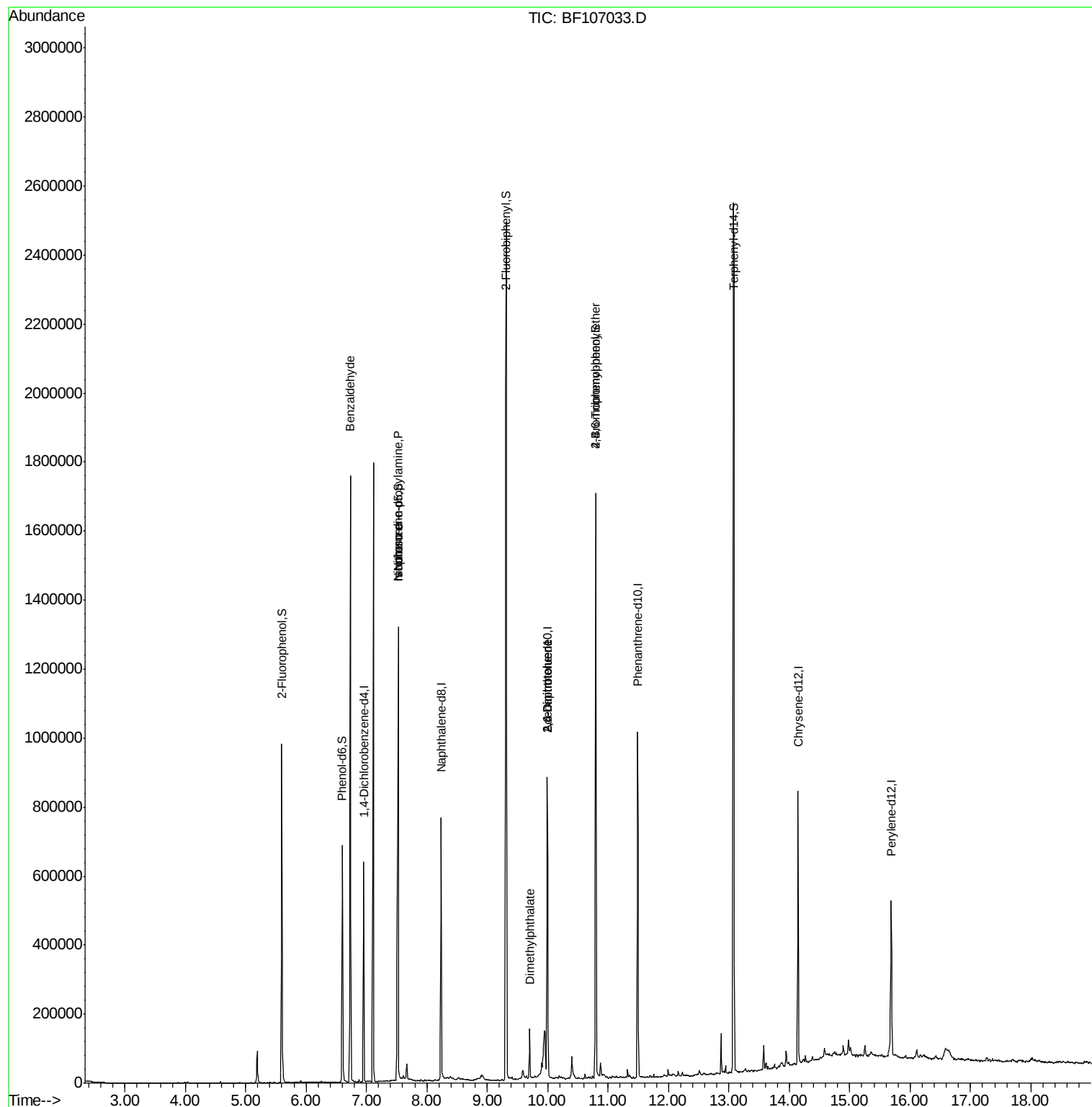
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87638	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	333738	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	175346	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	368611	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	305959	20.00	ng	-0.02
86) Perylene-d12	15.69	264	247596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305665	59.06	ng	0.00
7) Phenol-d6	6.60	99	241535	37.37	ng	-0.01
23) Nitrobenzene-d5	7.52	82	495850	82.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	292033	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	898370	87.08	ng	-0.01
78) Terphenyl-d14	13.08	244	1152830	91.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	11378	2.099	ng	# 80
19) n-Nitroso-di-n-propylamine	7.52	70	67060	15.740	ng	# 72
25) Isophorone	7.52	82	495846	46.856	ng	# 64
49) Dimethylphthalate	9.70	163	54529	4.146	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	22787	8.183	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	22787	6.269	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	17680	4.019	ng	# 1

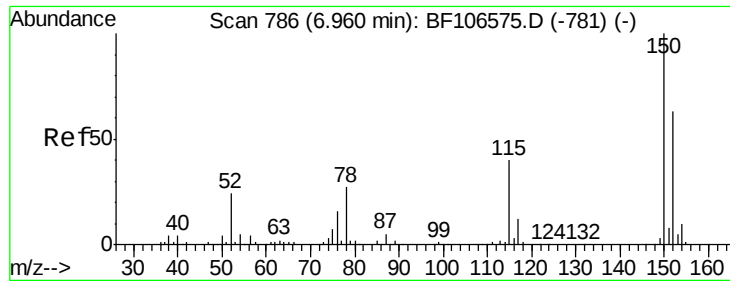
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107033.D
Acq On : 2 Jul 2018 10:07
Operator : JU/SJ
Sample : J3743-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-5

Quant Time: Jul 02 11:09:41 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



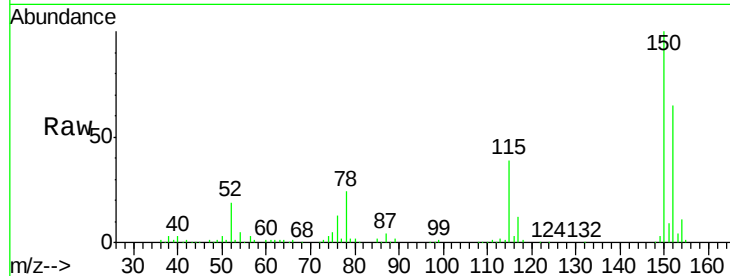


#1

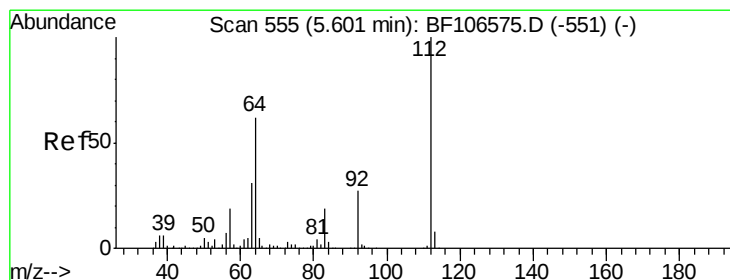
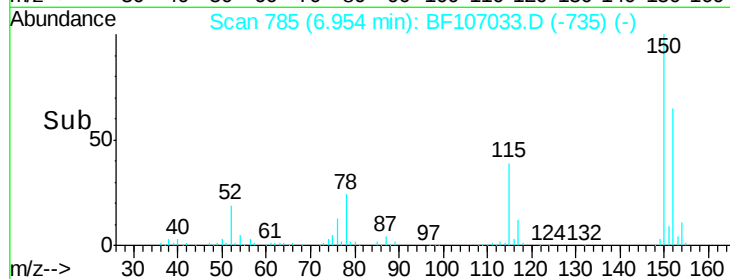
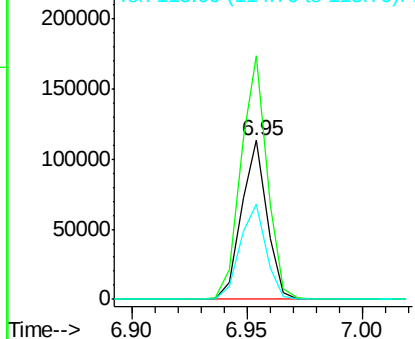
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:152 Resp: 87638
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 59.9 50.1 75.1



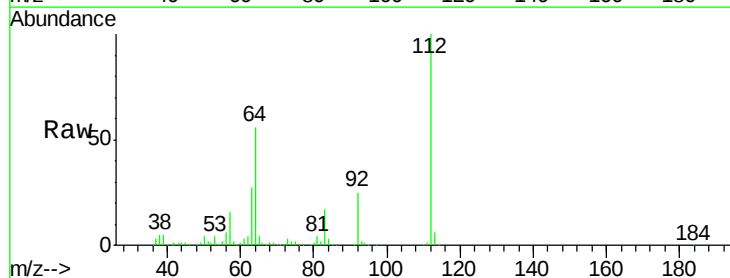
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



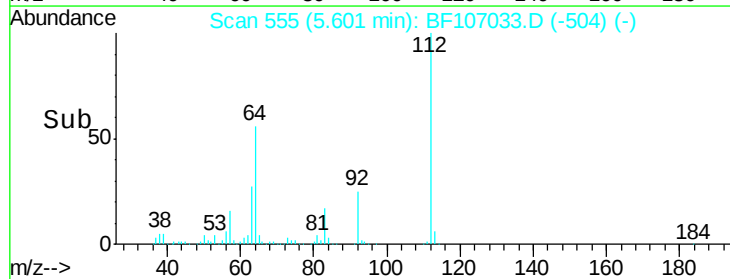
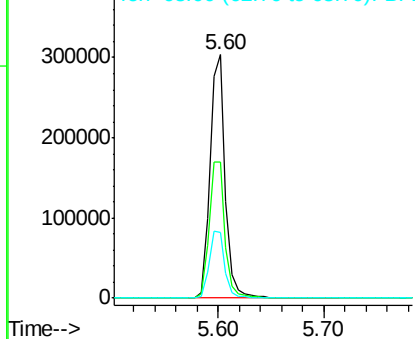
#5

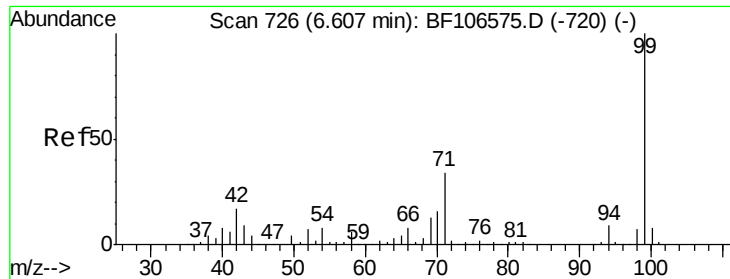
2-Fluorophenol
Concen: 59.060 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:112 Resp: 305665
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.0 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: 37.371 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

Instrument :

BNA_F

ClientSampleId :

GMW-5

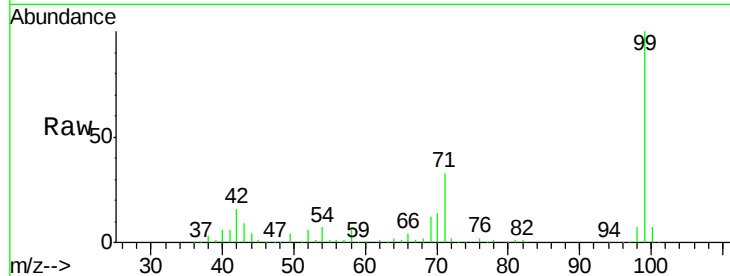
Tgt Ion: 99 Resp: 241535

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

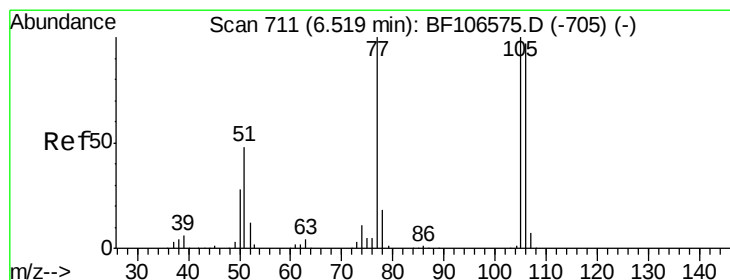
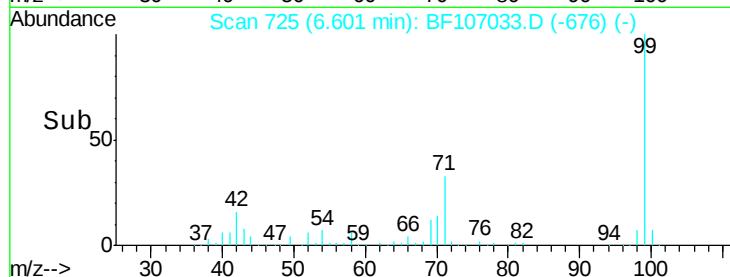
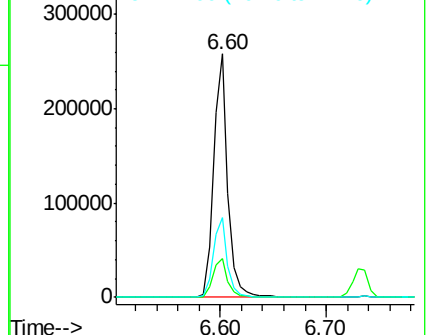
71 32.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.099 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

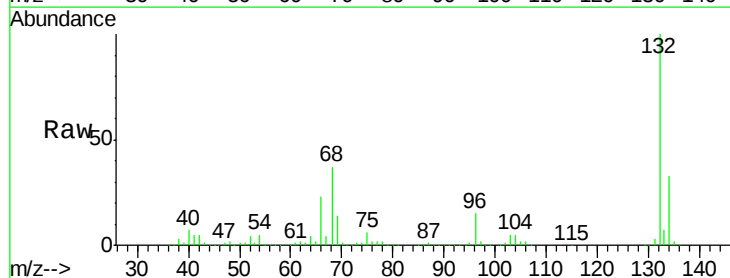
Tgt Ion: 77 Resp: 11378

Ion Ratio Lower Upper

77 100

105 75.2 81.1 121.1#

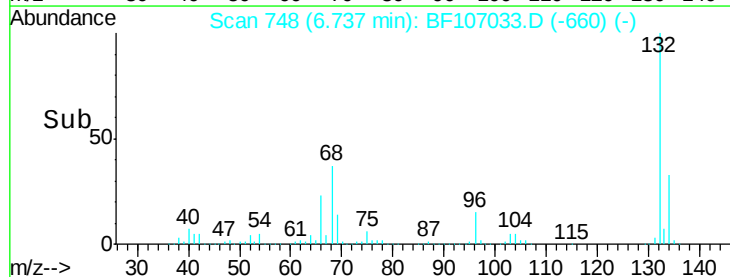
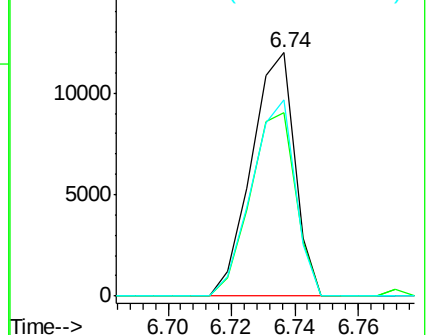
106 80.4 74.5 114.5

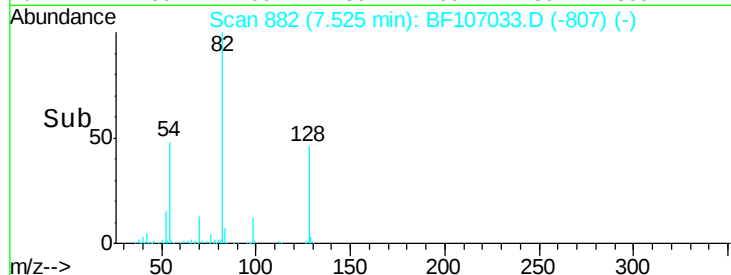
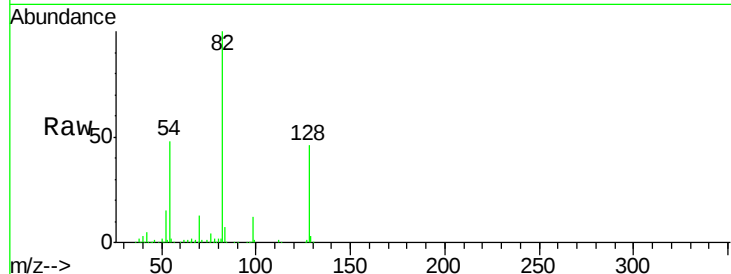
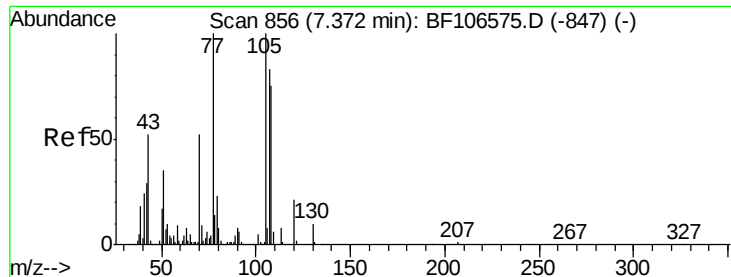


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

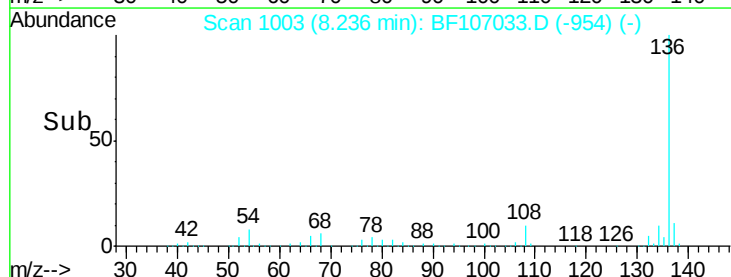
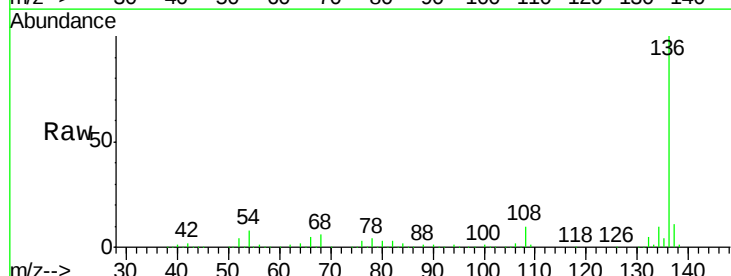
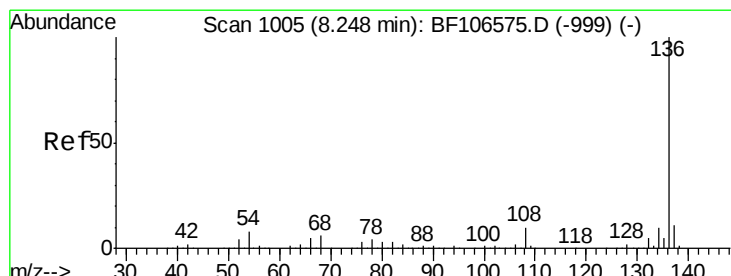
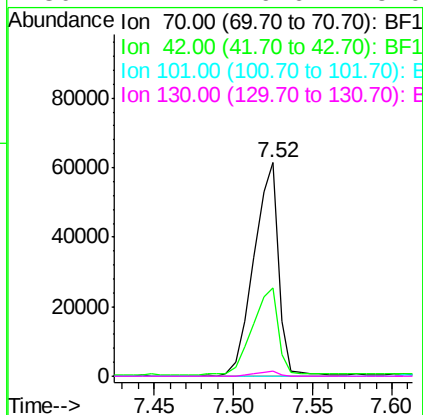




#19
n-Nitroso-di-n-propylamine
Concen: 15.740 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

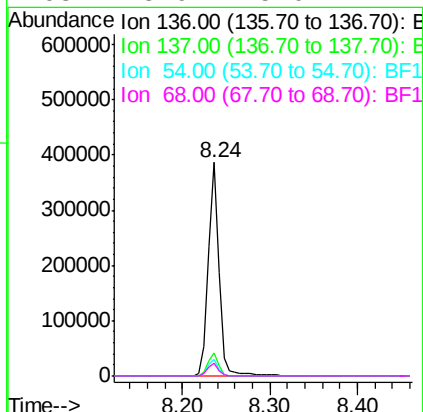
Instrument :
BNA_F
ClientSampleId :
GMW-5

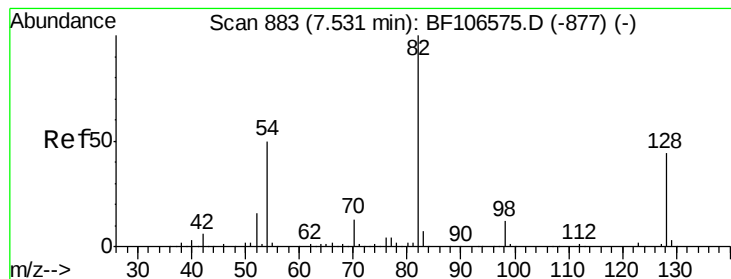
Tgt Ion:	70	Resp:	67060
Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:	136	Resp:	333738
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 82.568 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

Instrument :

BNA_F

ClientSampleId :

GMW-5

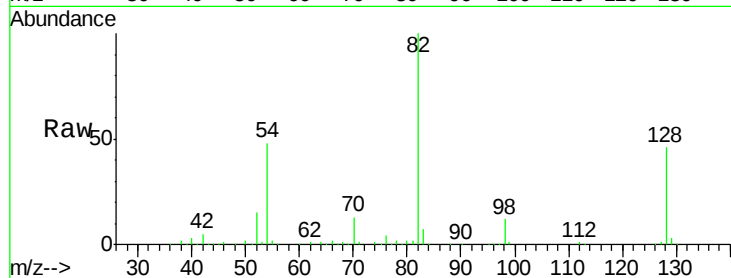
Tgt Ion: 82 Resp: 495850

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

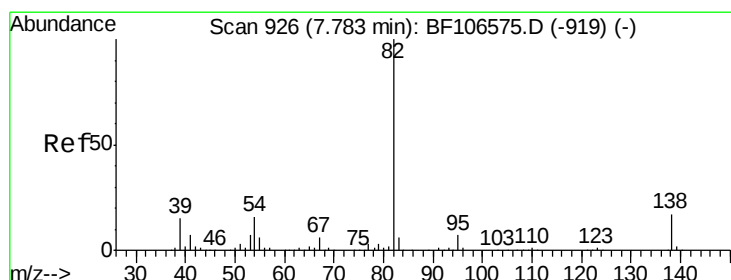
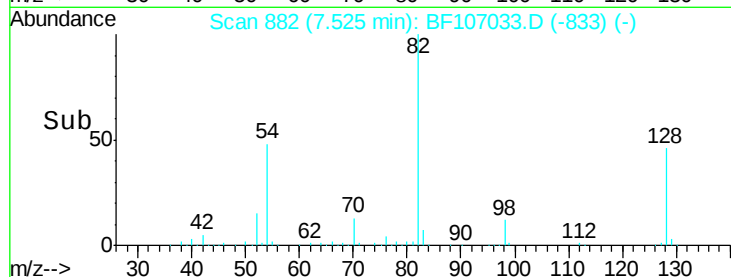
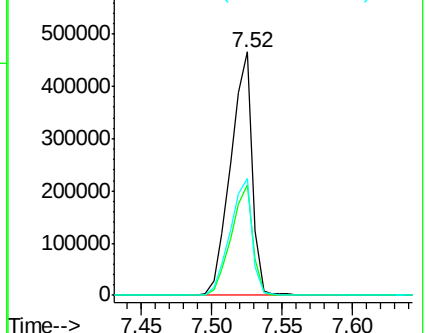
54 47.8 41.4 62.2



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: 46.856 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

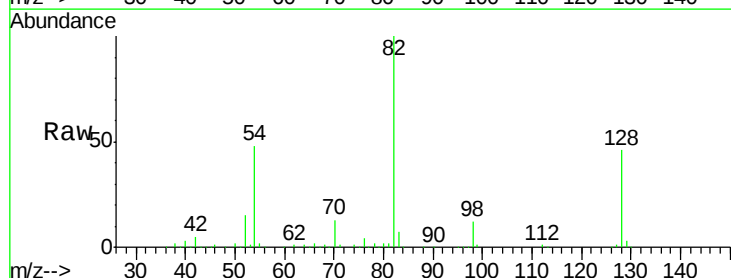
Tgt Ion: 82 Resp: 495846

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

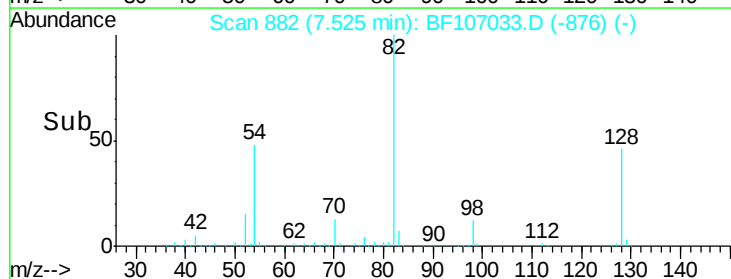
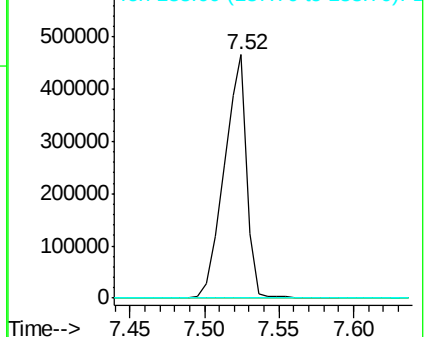
138 0.0 14.9 22.3#

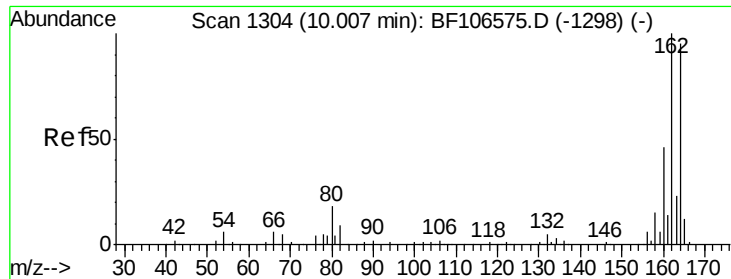


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1302

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

Instrument :

BNA_F

ClientSampleId :

GMW-5

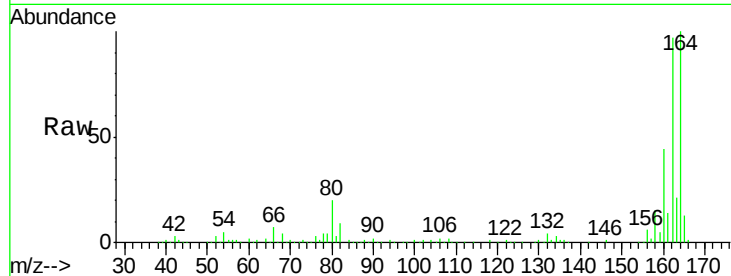
Tgt Ion:164 Resp: 175346

Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

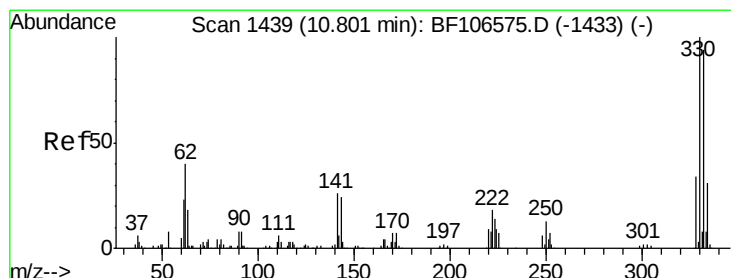
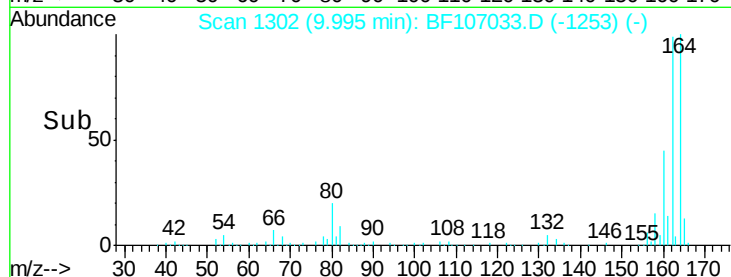
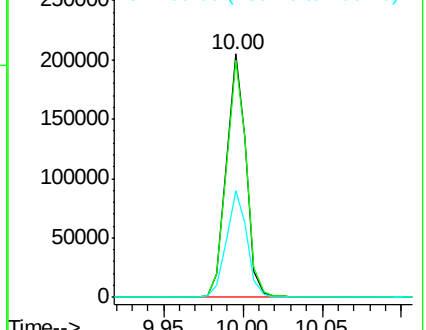
160 44.0 38.3 57.5



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: 143.695 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

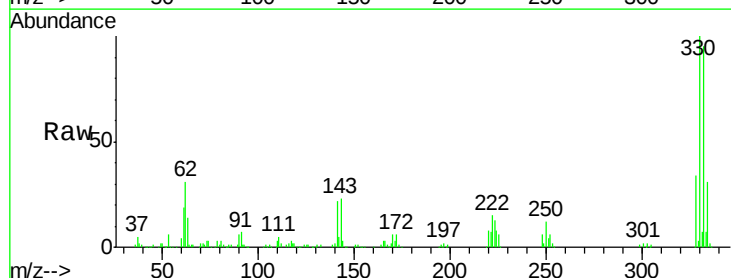
Tgt Ion:330 Resp: 292033

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

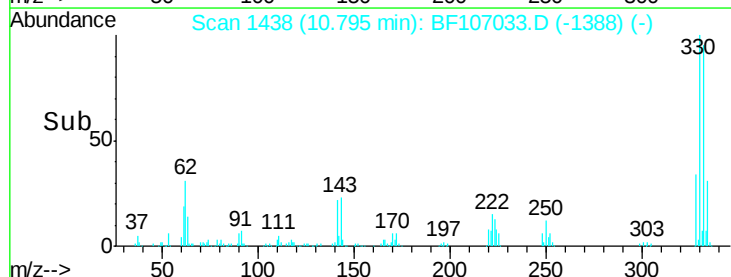
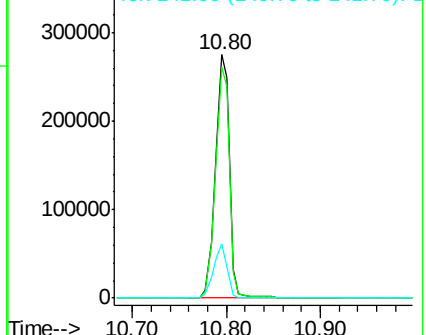
141 21.7 29.9 44.9#

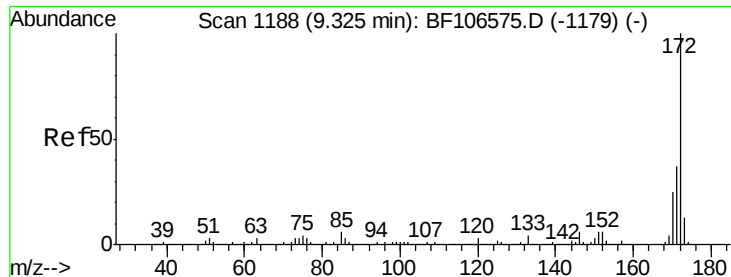


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

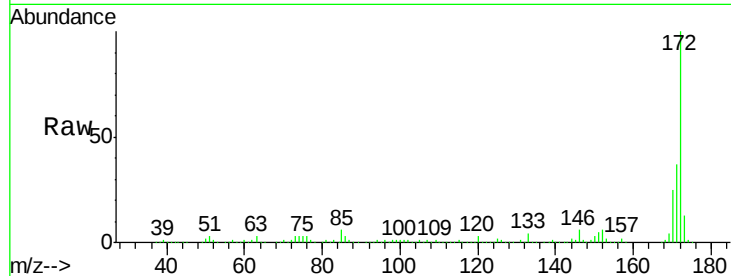




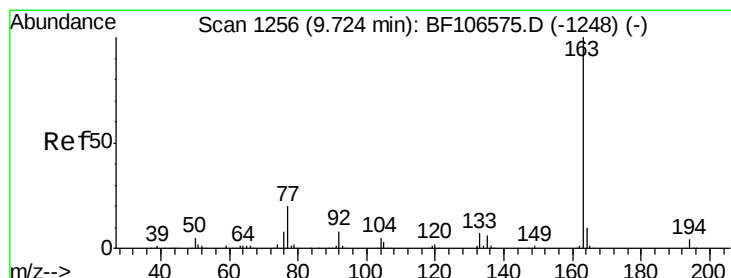
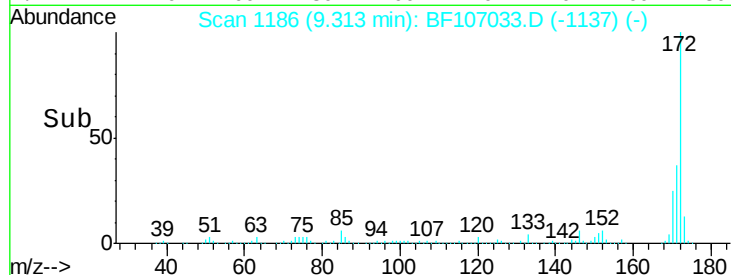
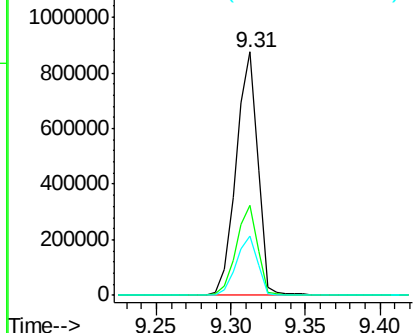
#44
2-Fluorobiphenyl
Concen: 87.081 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:172 Resp: 898370
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 19.6 29.4

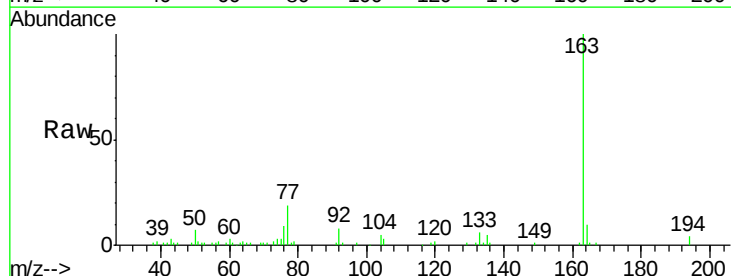


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

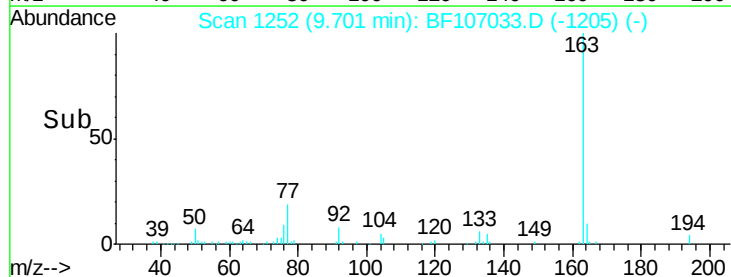
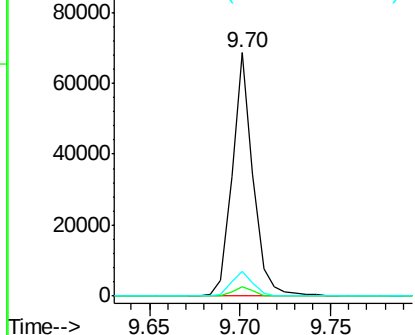


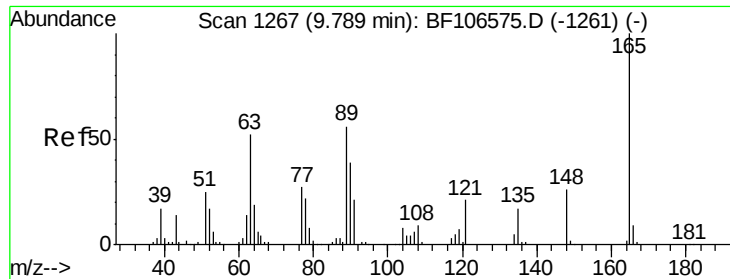
#49
Dimethylphthalate
Concen: 4.146 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:163 Resp: 54529
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 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

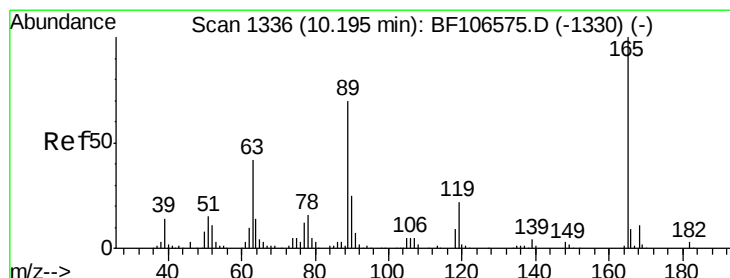
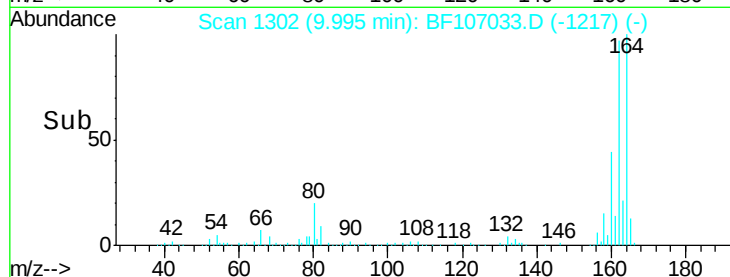
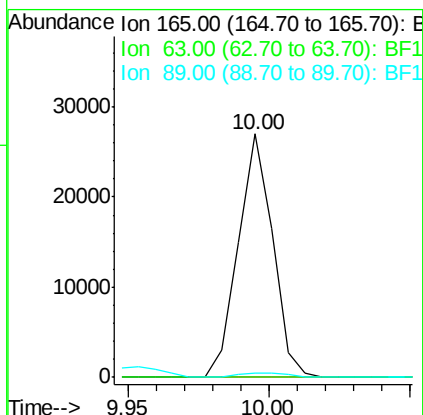
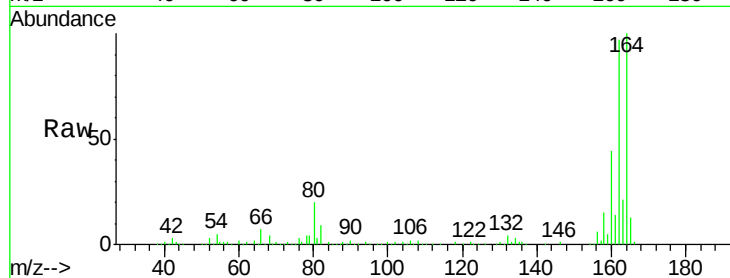




#50
 2,6-Dinitrotoluene
 Concen: 8.183 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107033.D
 Acq: 2 Jul 2018 10:07

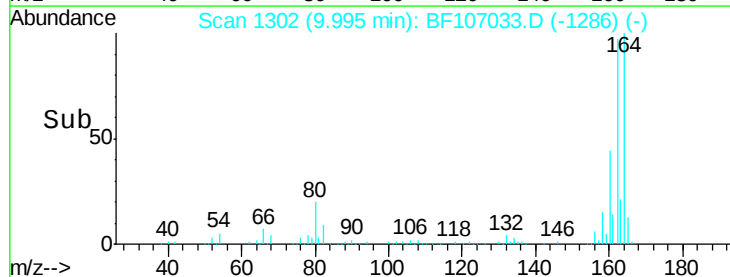
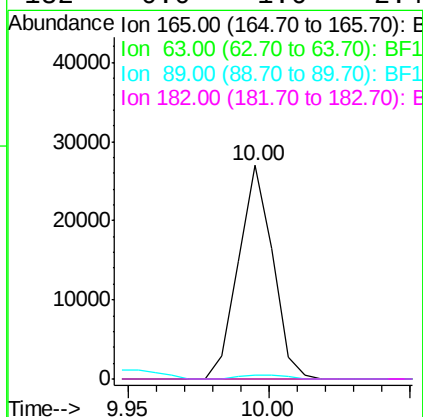
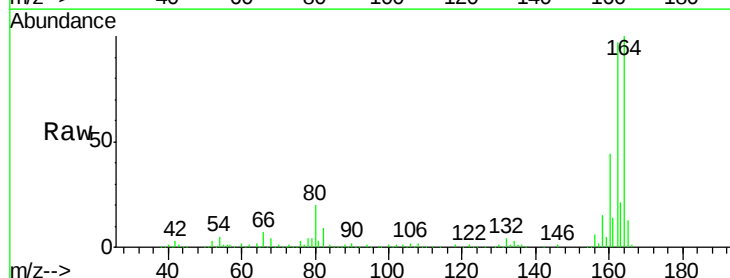
Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

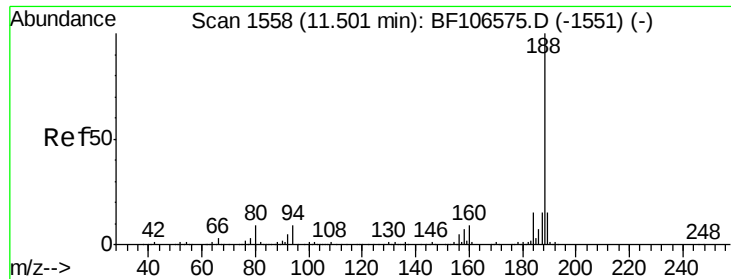
Tgt Ion:165 Resp: 22787
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.6 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.269 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107033.D
 Acq: 2 Jul 2018 10:07

Tgt Ion:165 Resp: 22787
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

Instrument :

BNA_F

ClientSampleId :

GMW-5

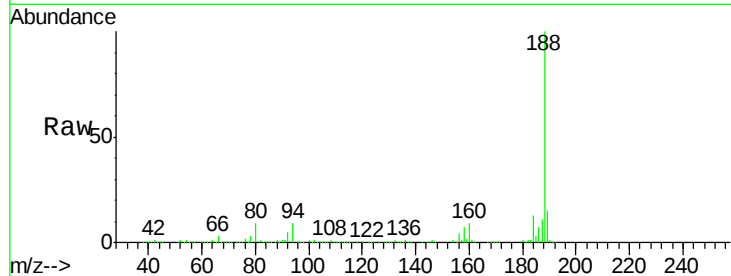
Tgt Ion:188 Resp: 368611

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

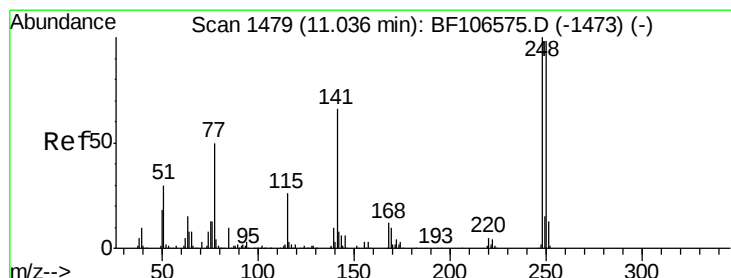
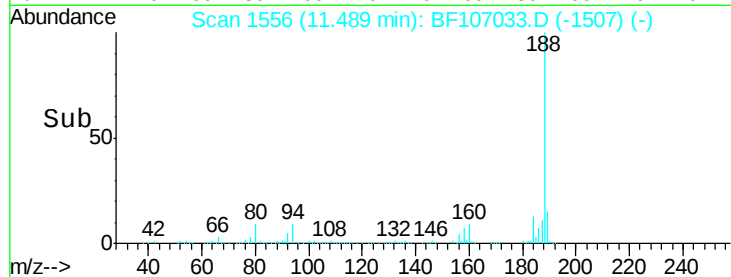
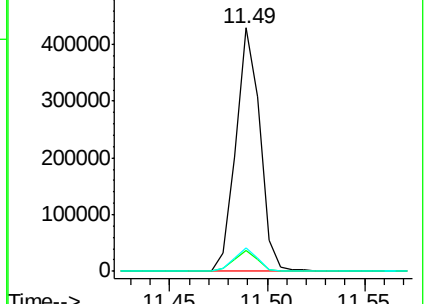
80 9.5 9.2 13.8



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: 4.019 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

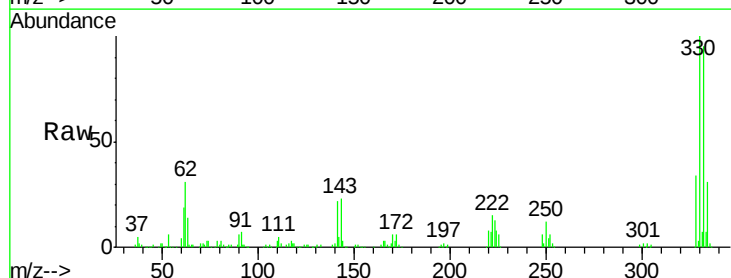
Tgt Ion:248 Resp: 17680

Ion Ratio Lower Upper

248 100

250 192.9 76.9 115.3#

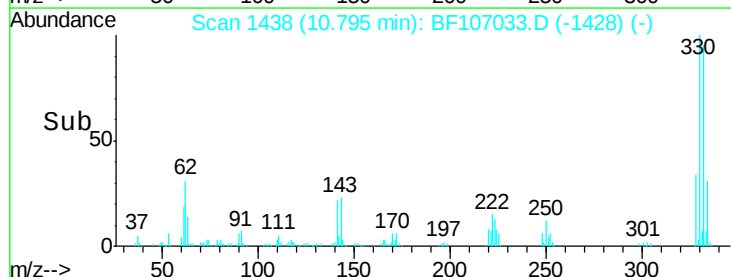
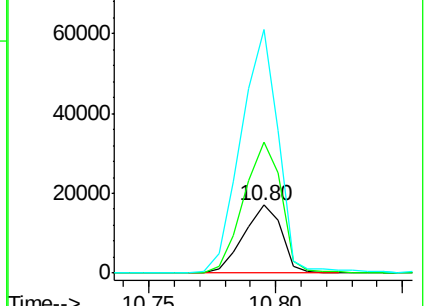
141 357.5 74.4 111.6#

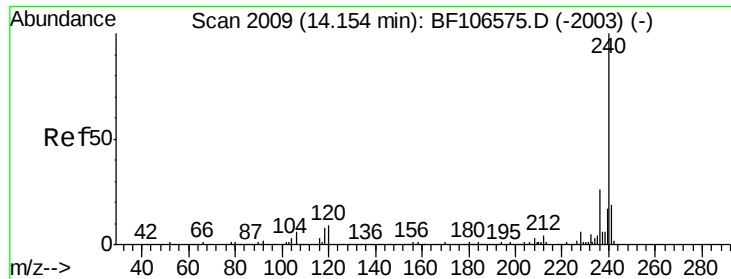


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

Instrument :

BNA_F

ClientSampleId :

GMW-5

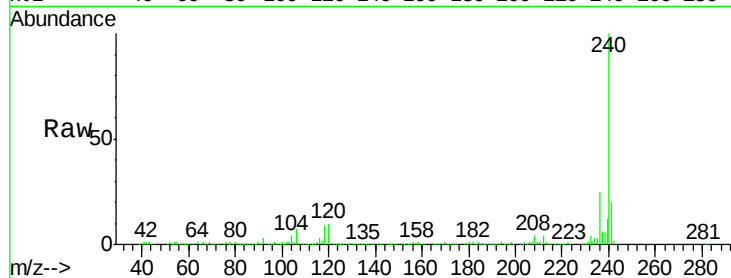
Tgt Ion:240 Resp: 305959

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

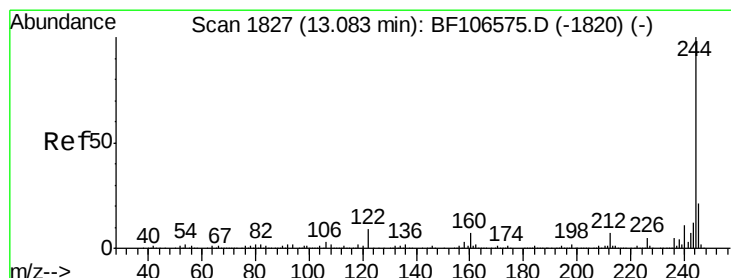
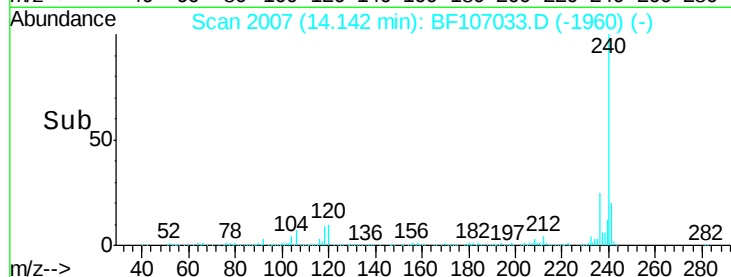
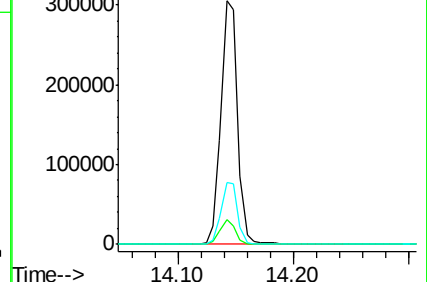
236 25.5 20.7 31.1



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: 91.270 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107033.D

Acq: 2 Jul 2018 10:07

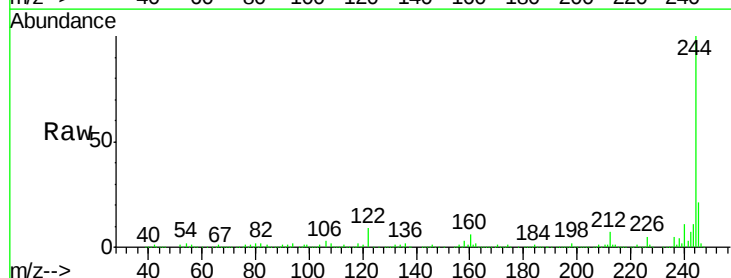
Tgt Ion:244 Resp: 1152830

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

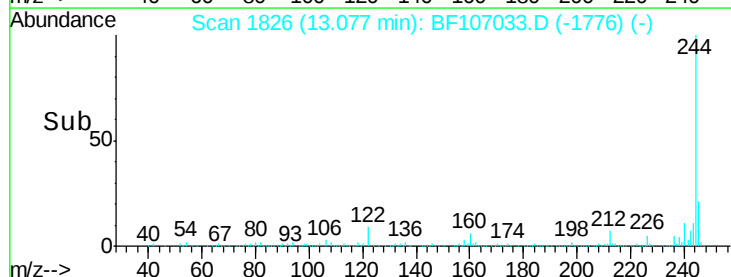
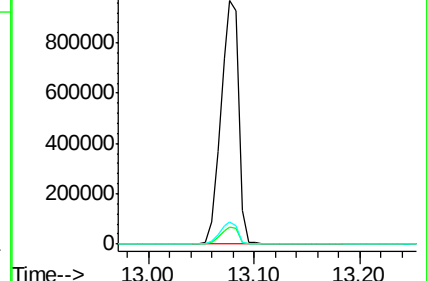
122 9.0 11.0 16.4#

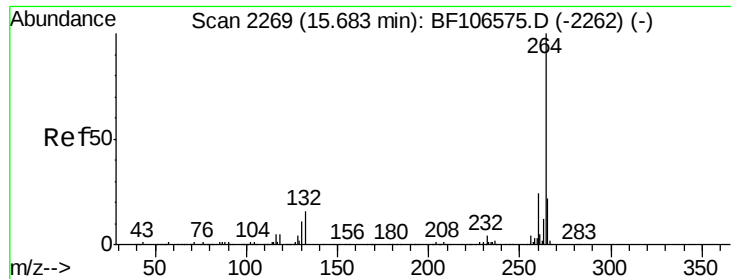


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion: 264 Resp: 247596
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.1 17.5 26.3

