

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107106.D
 Acq On : 4 Jul 2018 3:03
 Operator : JU/SJ
 Sample : J3816-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 159-WHITE-BRICK

Quant Time: Jul 04 04:24:47 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

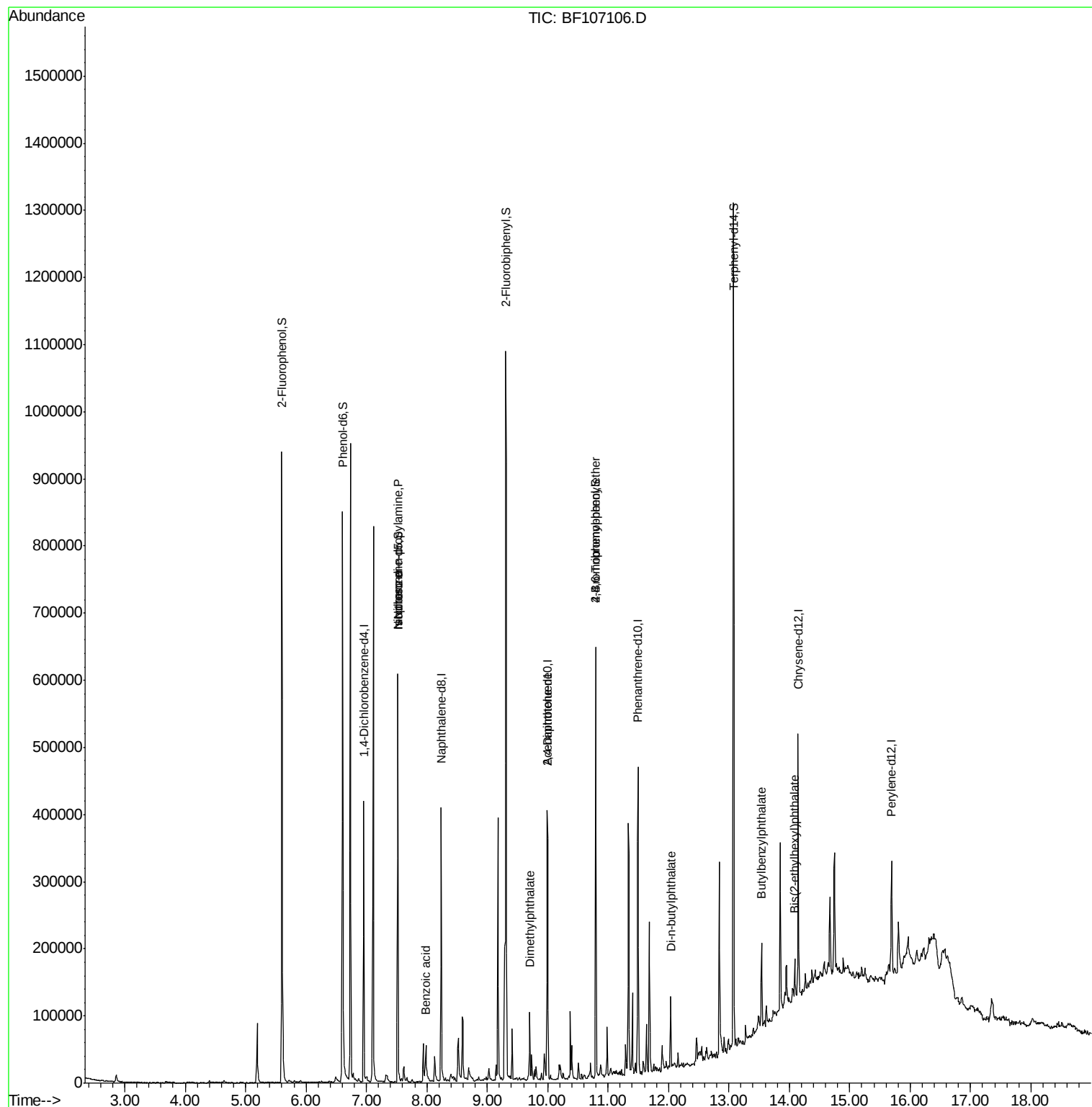
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53170	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	188412	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	83198	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	169501	20.00	ng	0.00
75) Chrysene-d12	14.15	240	131733	20.00	ng	-0.02
86) Perylene-d12	15.69	264	96344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	274774	87.51	ng	0.00
7) Phenol-d6	6.61	99	323845	82.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	185373	54.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	87684	90.93	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	350725	68.49	ng	-0.02
78) Terphenyl-d14	13.08	244	430673	79.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	24192	9.359	ng	# 74
25) Isophorone	7.52	82	185372	31.029	ng	# 64
32) Benzoic acid	8.00	122	3415	7.368	ng	92
49) Dimethylphthalate	9.70	163	37391	5.992	ng	99
56) 2,4-Dinitrotoluene	10.00	165	10703	6.206	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	5473	2.706	ng	# 1
73) Di-n-butylphthalate	12.04	149	52630	5.718	ng	98
79) Butylbenzylphthalate	13.54	149	26589	7.445	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.10	149	18027	3.948	ng	# 93

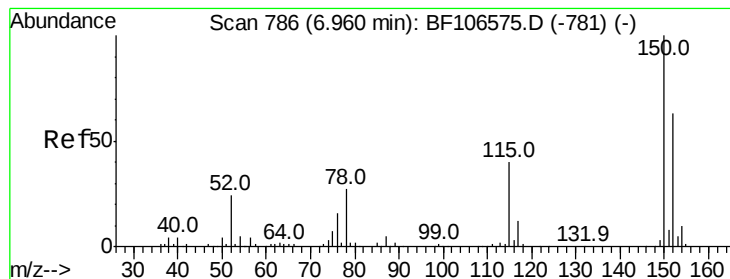
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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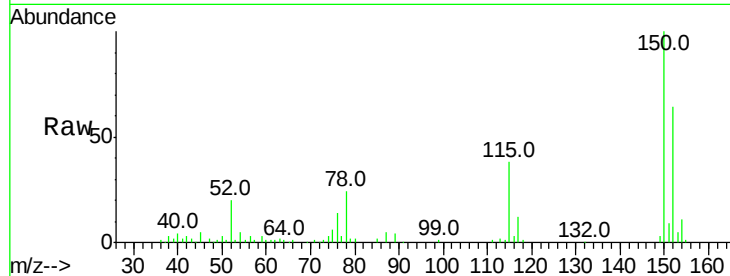


#1

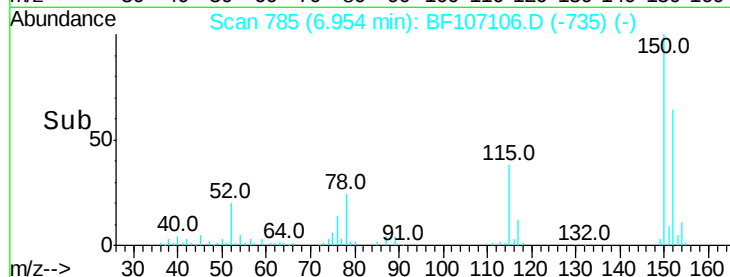
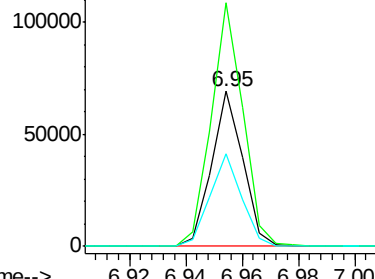
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

Instrument :
BNA_F
ClientSampleId :
159-WHITE-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.0	50.1	75.1



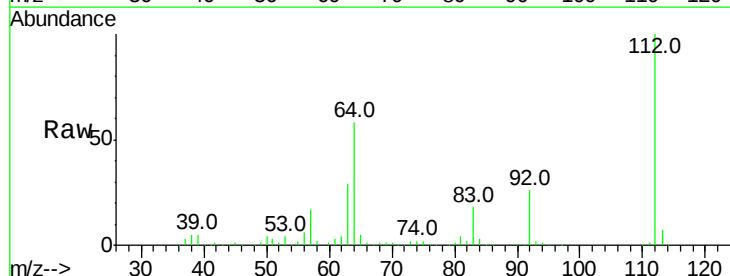
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



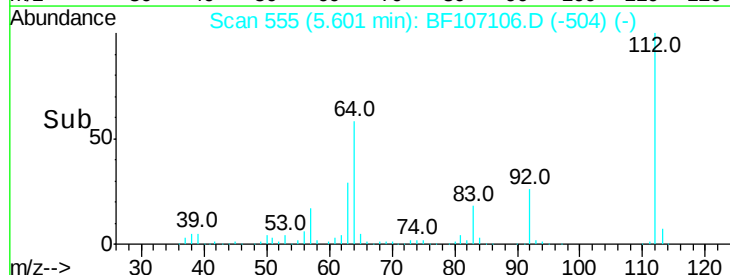
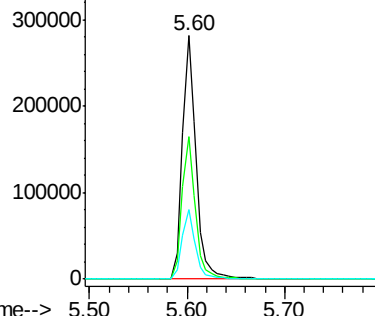
#5

2-Fluorophenol
Concen: 87.508 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	28.6	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: 82.587 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

Instrument :

BNA_F

ClientSampleId :

159-WHITE-BRICK

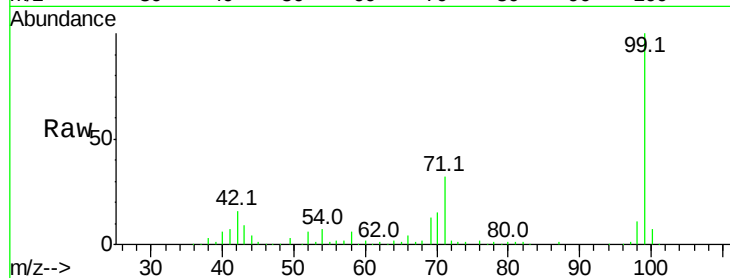
Tot Ion: 99 Resp: 323845

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

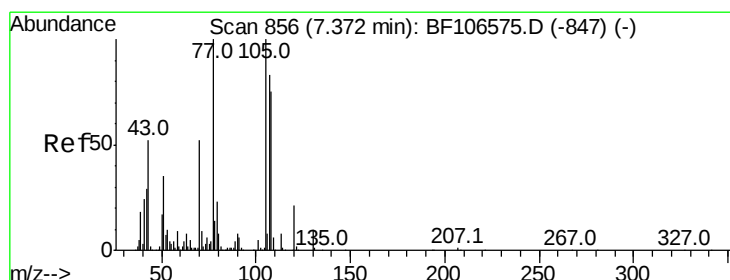
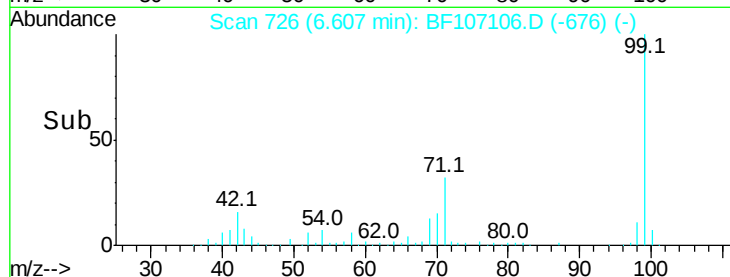
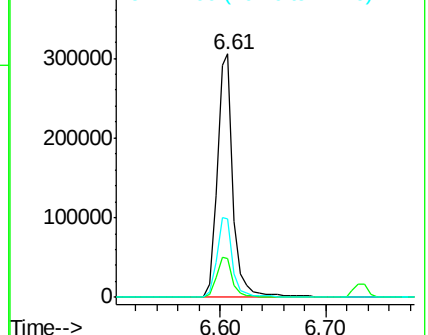
71 32.2 25.4 38.0



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: 9.359 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

Tgt Ion: 70 Resp: 24192

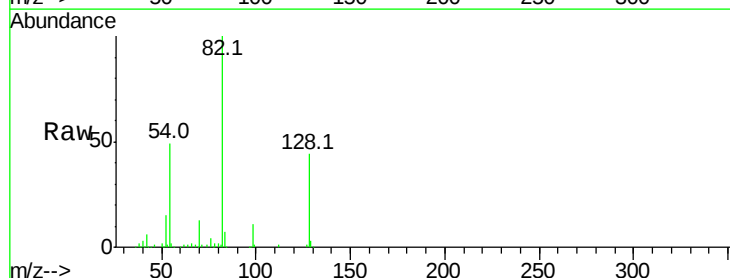
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

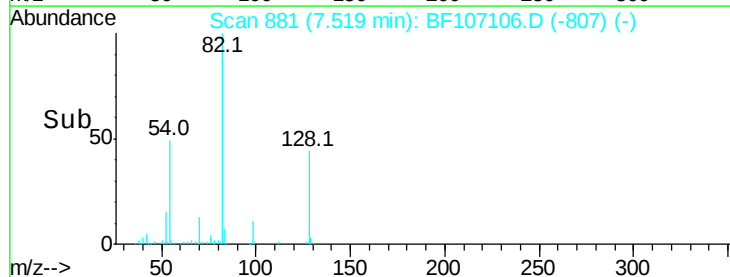
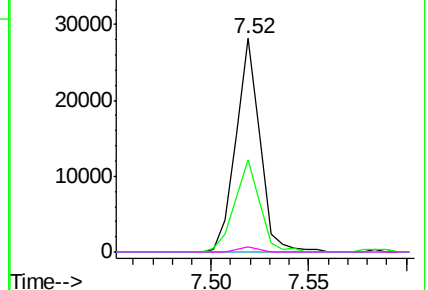


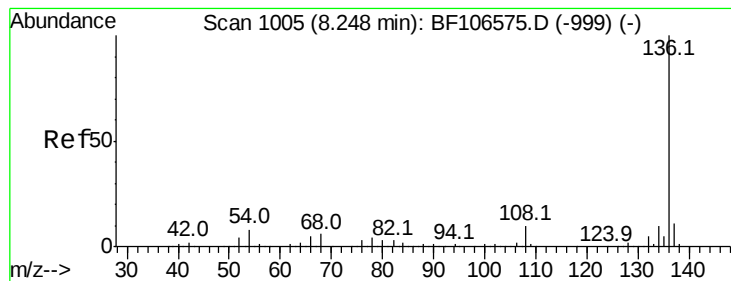
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

Instrument :

BNA_F

ClientSampleId :

159-WHITE-BRICK

Tot Ion:136 Resp: 188412

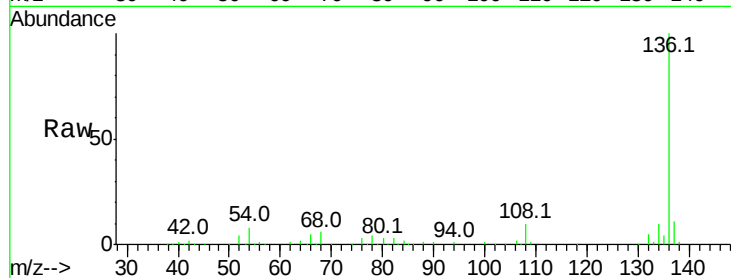
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

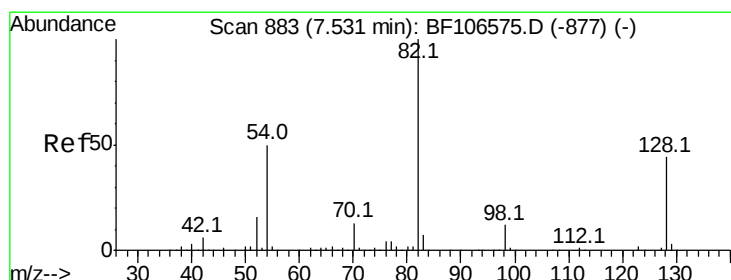
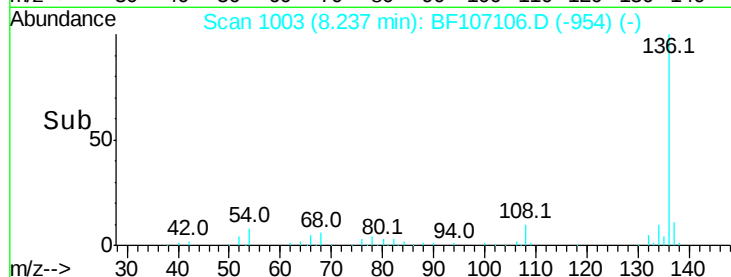
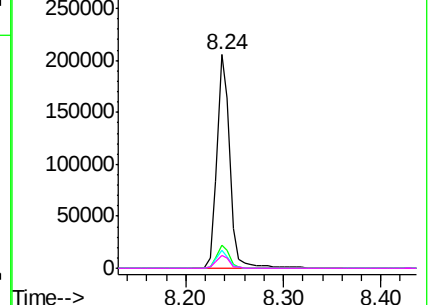


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.677 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

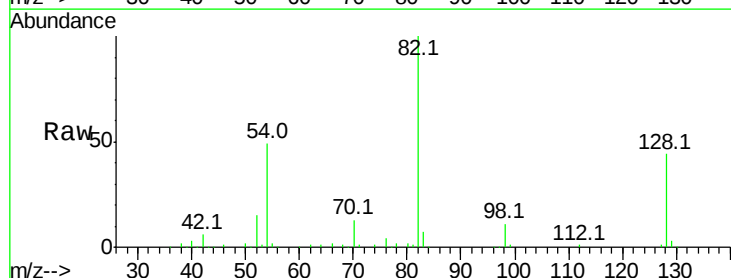
Tgt Ion: 82 Resp: 185373

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

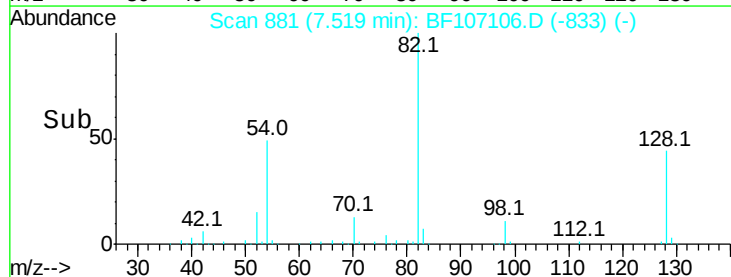
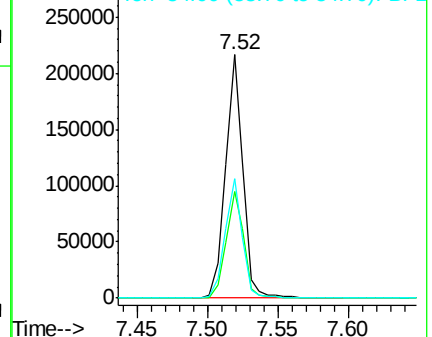
54 48.9 41.4 62.2

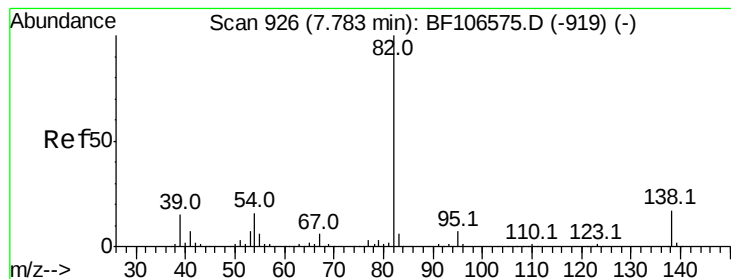


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.029 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

Instrument :

BNA_F

ClientSampleId :

159-WHITE-BRICK

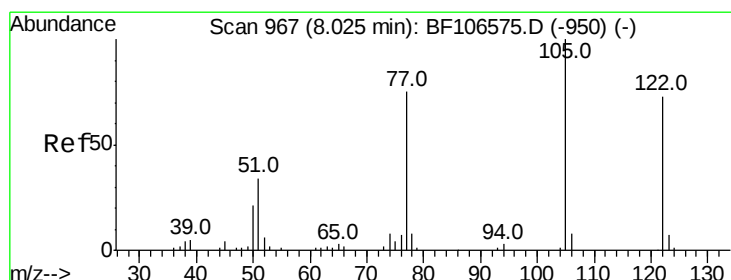
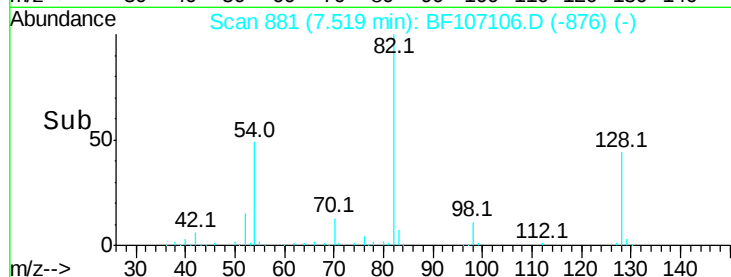
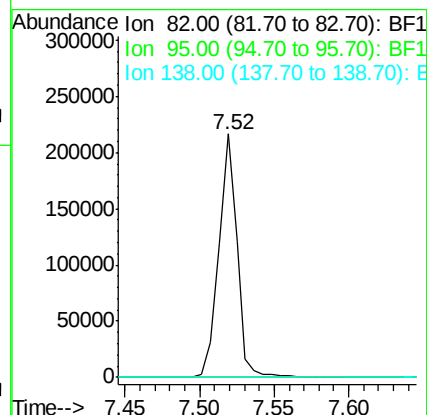
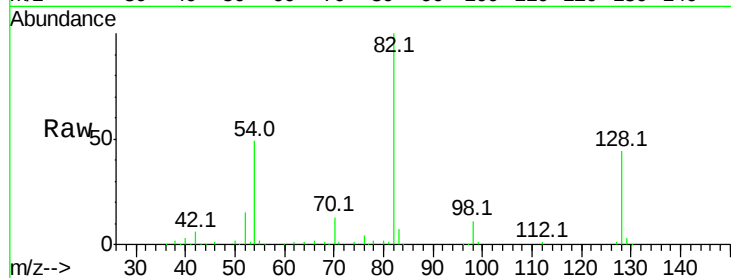
Tot Ion: 82 Resp: 185372

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.368 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

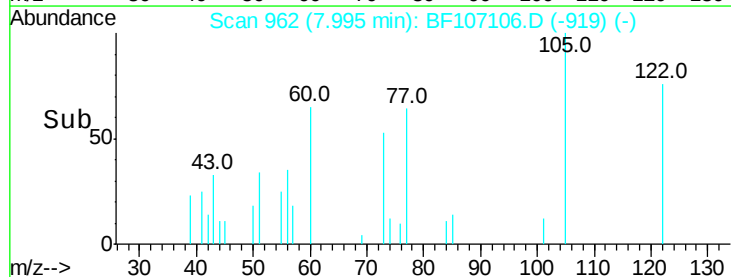
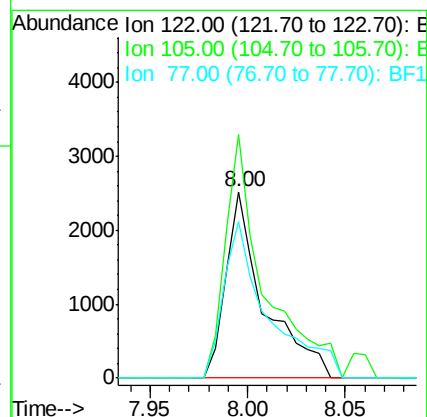
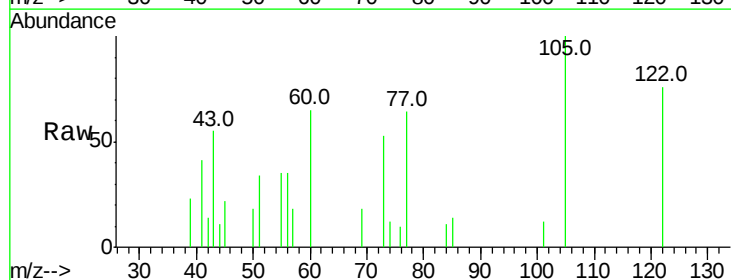
Tgt Ion: 122 Resp: 3415

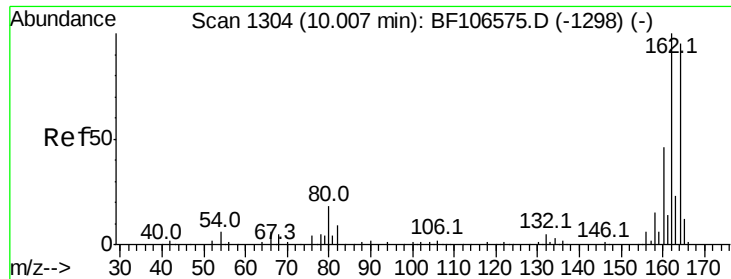
Ion Ratio Lower Upper

122 100

105 130.9 101.1 141.1

77 83.9 70.7 110.7

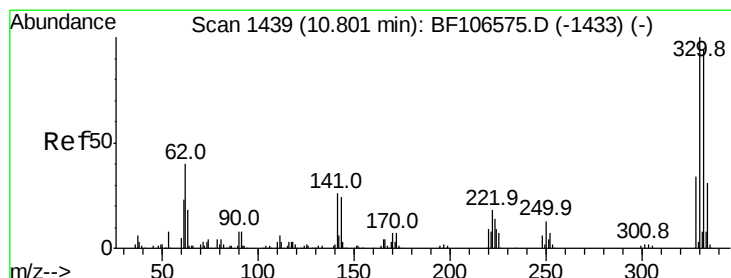
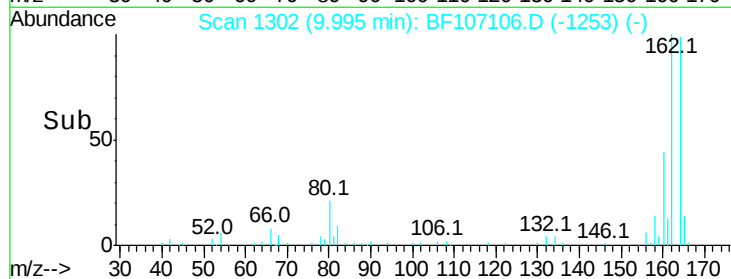
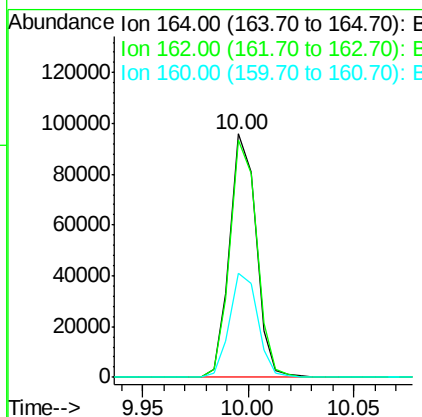
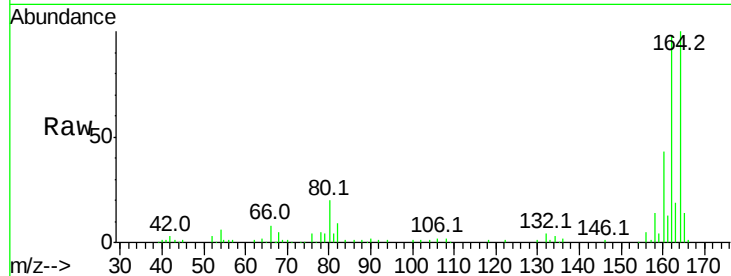




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

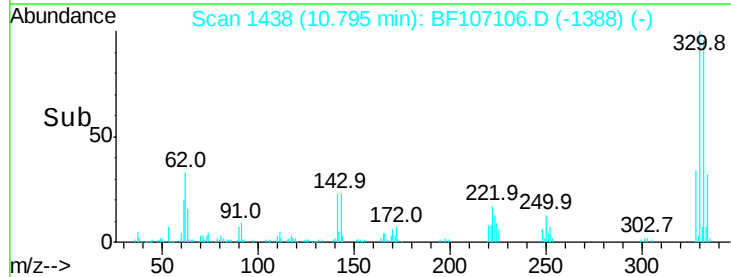
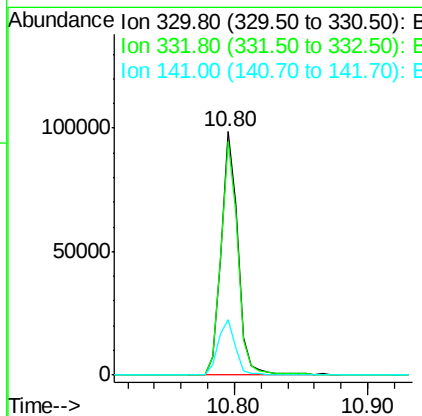
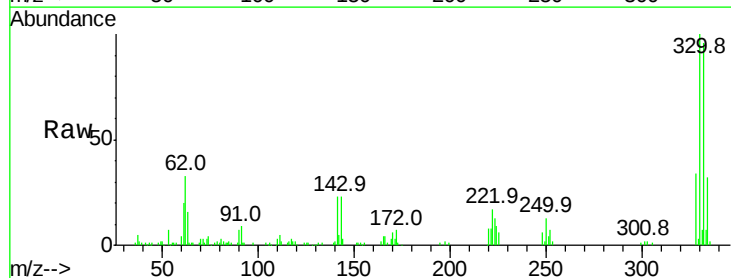
Instrument :
 BNA_F
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 159-WHITE-BRICK

Tot Ion:164 Resp: 83198
 Ion Ratio Lower Upper
 164 100
 162 97.6 86.1 129.1
 160 42.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.931 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

Tgt Ion:330 Resp: 87684
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 23.6 29.9 44.9#

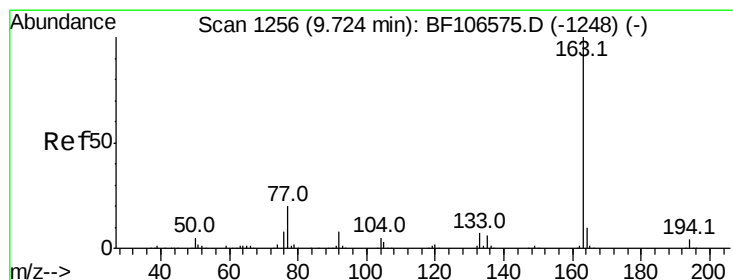
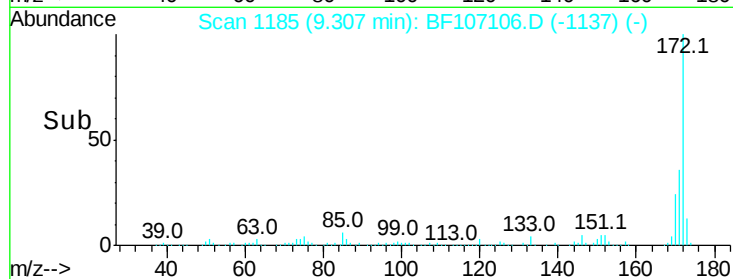
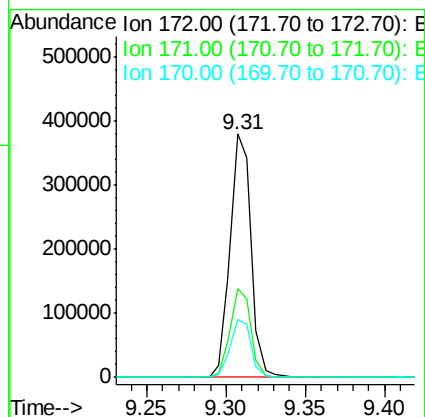
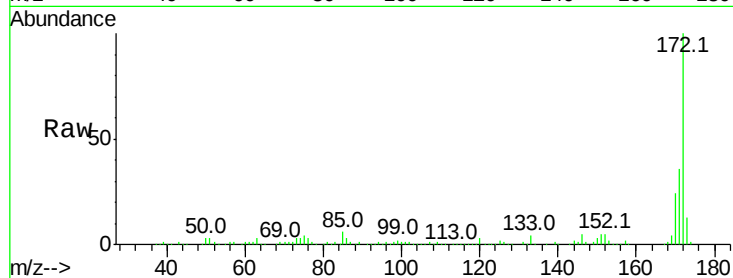




#44
2-Fluorobiphenyl
Concen: 68.488 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

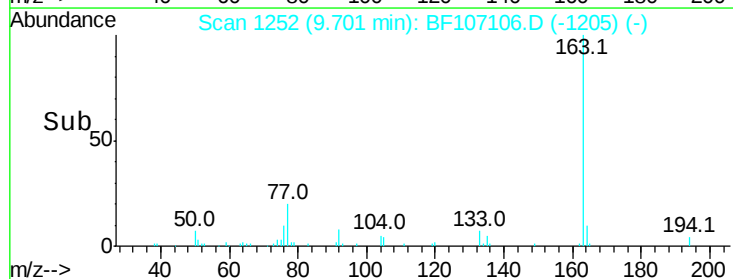
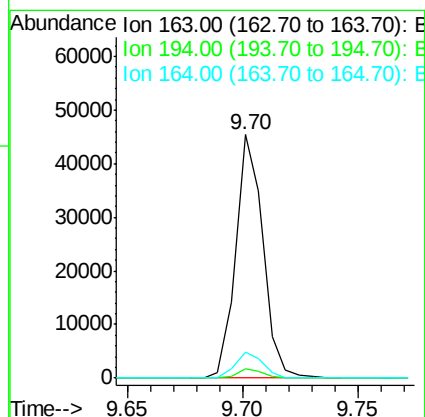
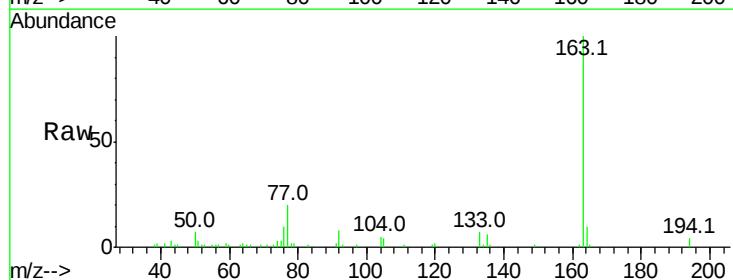
Instrument :
BNA_F
ClientSampleId :
159-WHITE-BRICK

Tot Ion:172 Resp: 350725
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 5.992 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

Tgt Ion:163 Resp: 37391
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

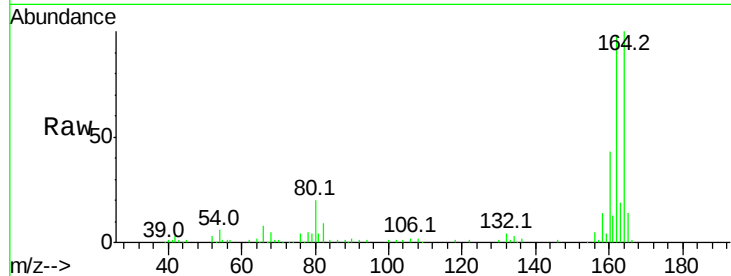




#56
2,4-Dinitrotoluene
Concen: 6.206 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

Instrument :
BNA_F
ClientSampleId :
159-WHITE-BRICK

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	3.2	57.8	86.6#
182	0.0	1.6	2.4#

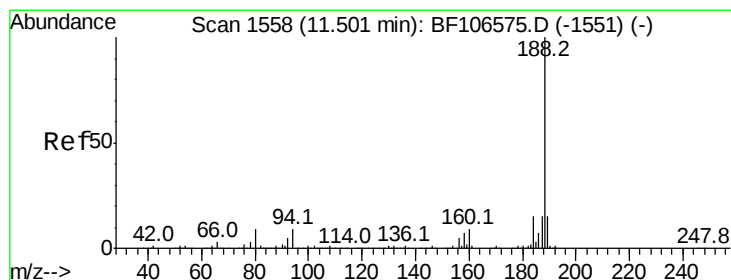
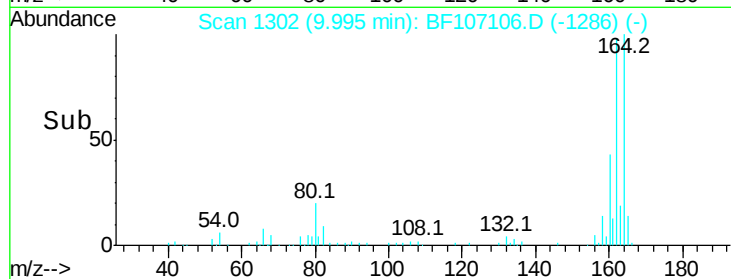
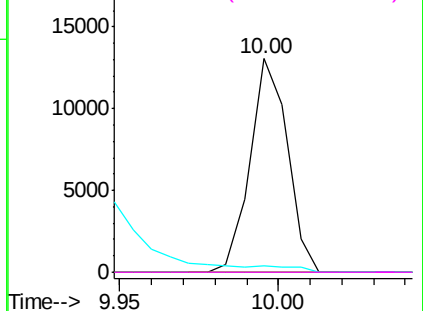


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

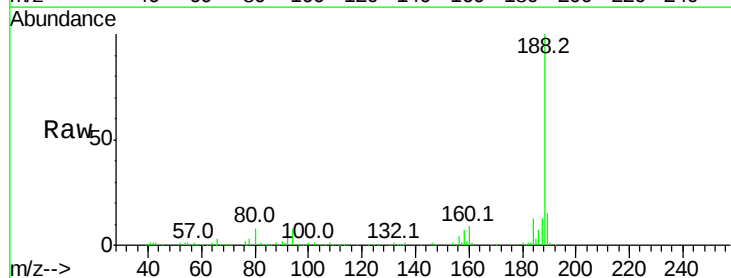
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

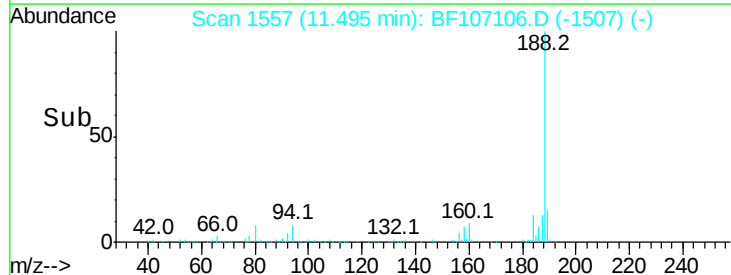
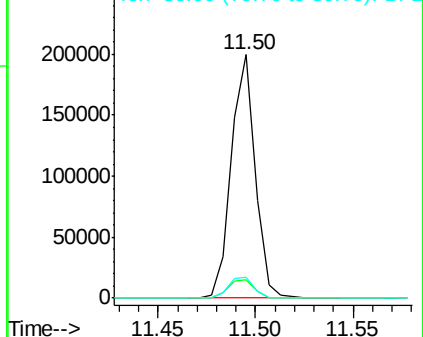
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.4	9.2	13.8#



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

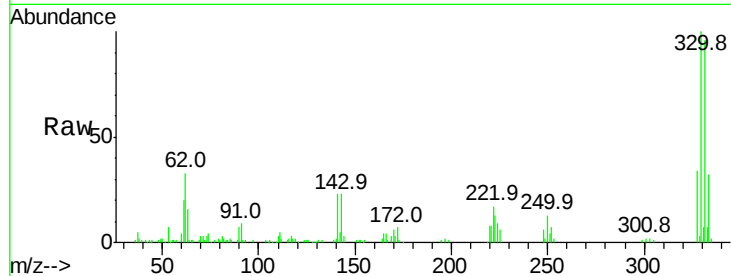




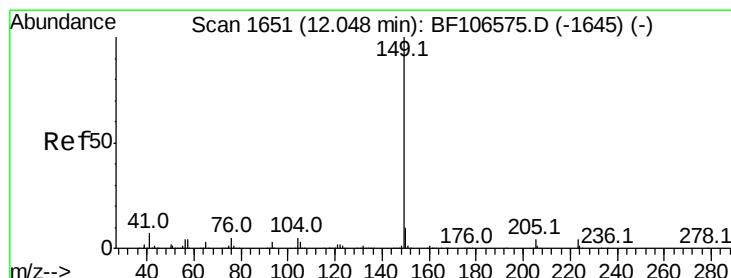
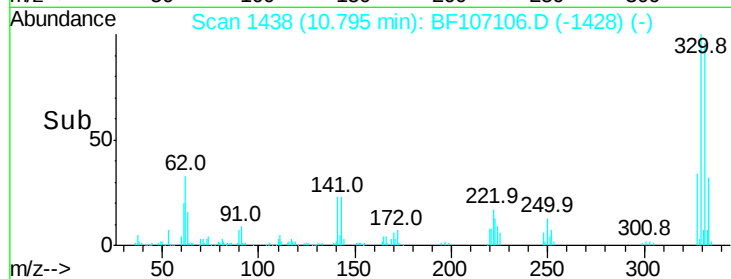
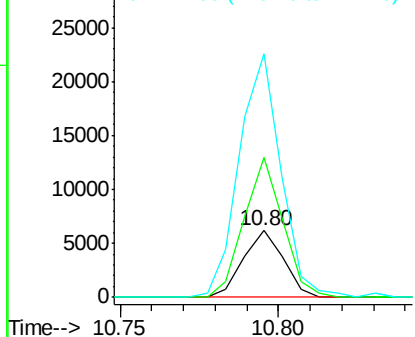
#66
 4-Bromophenyl-phenylether
 Concen: 2.706 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

Instrument :
 BNA_F
 ClientSampleId :
 159-WHITE-BRICK

Tot Ion:248 Resp: 5473
 Ion Ratio Lower Upper
 248 100
 250 209.6 76.9 115.3#
 141 363.9 74.4 111.6#

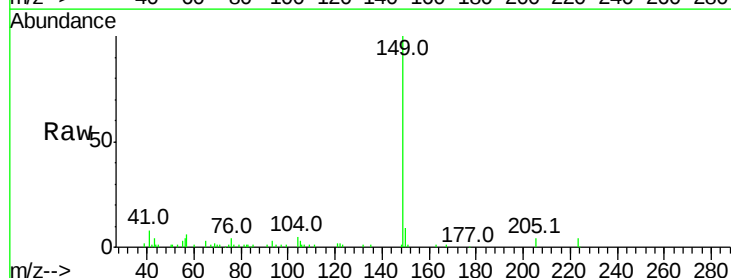


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

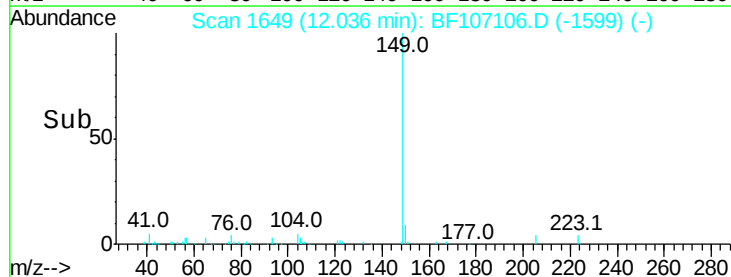
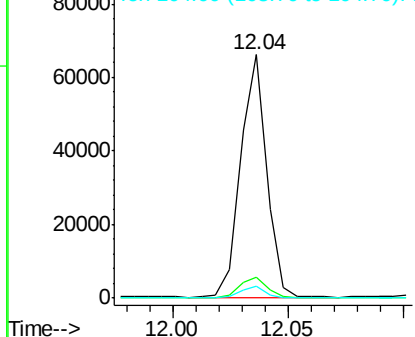


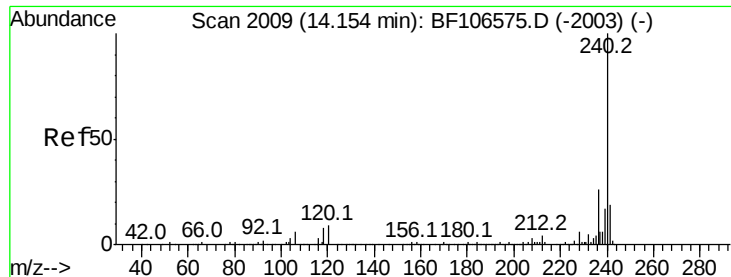
#73
 Di-n-butylphthalate
 Concen: 5.718 ng
 RT: 12.04 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

Tgt Ion:149 Resp: 52630
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.6
 104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

Instrument :

BNA_F

ClientSampleId :

159-WHITE-BRICK

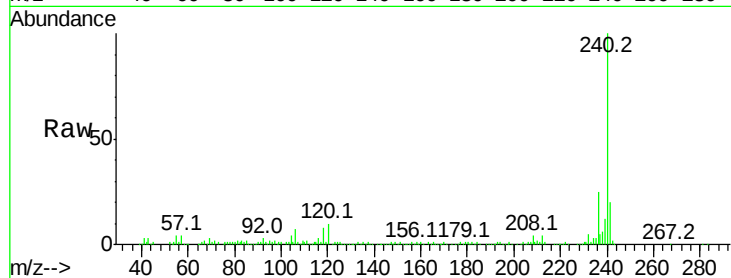
Tot Ion:240 Resp: 131733

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

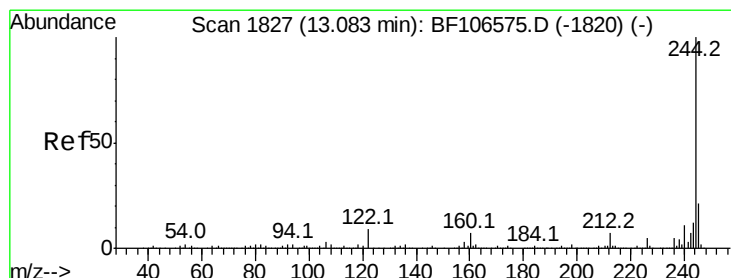
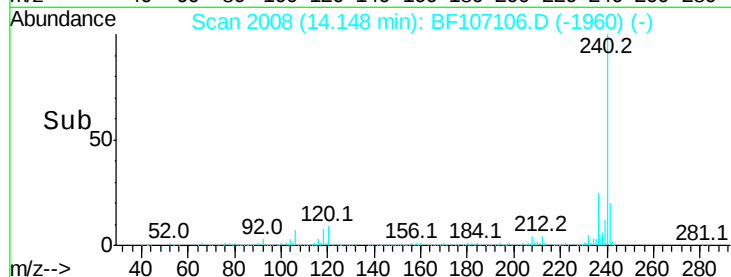
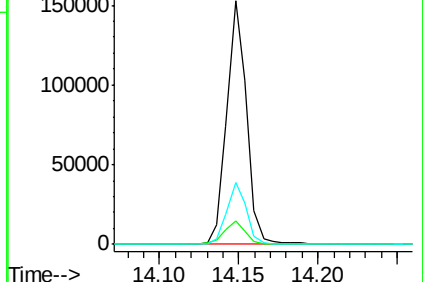
236 25.3 20.7 31.1



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: 79.192 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107106.D

Acq: 4 Jul 2018 3:03

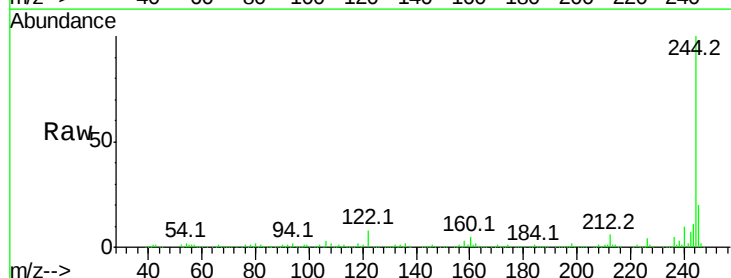
Tgt Ion:244 Resp: 430673

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

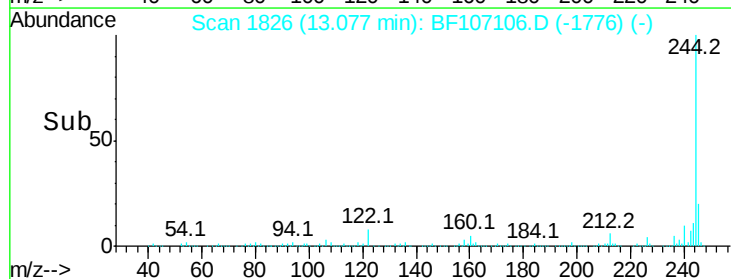
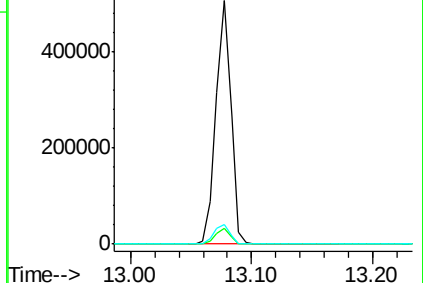
122 8.2 11.0 16.4#

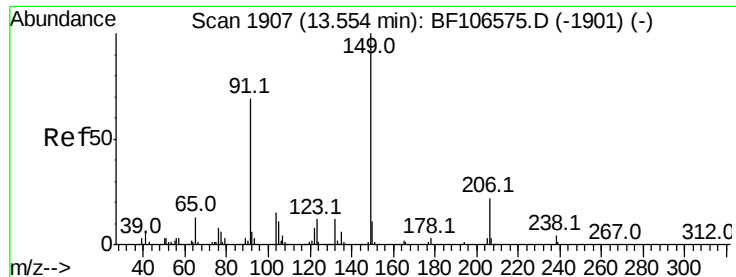


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

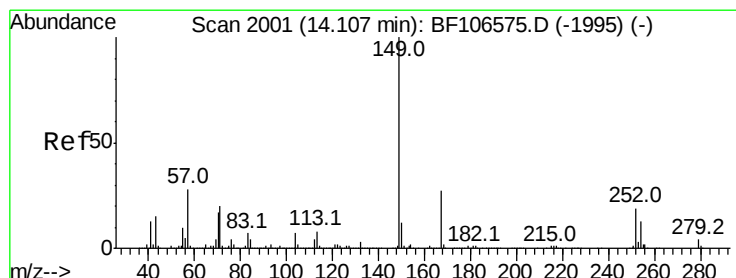
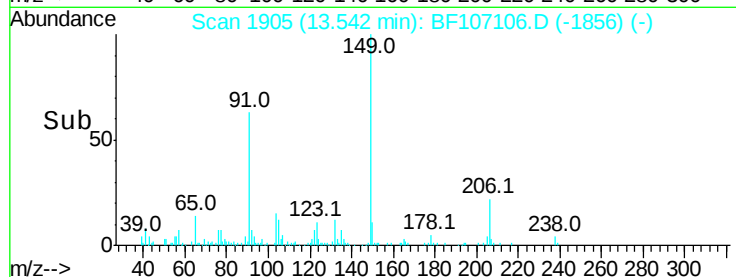
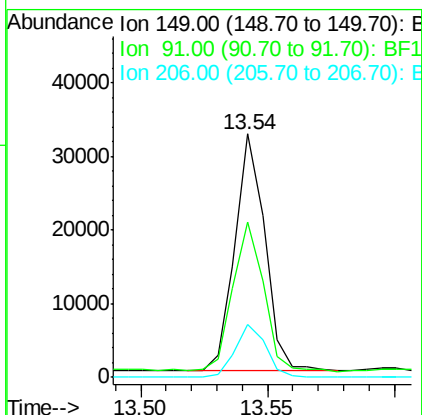
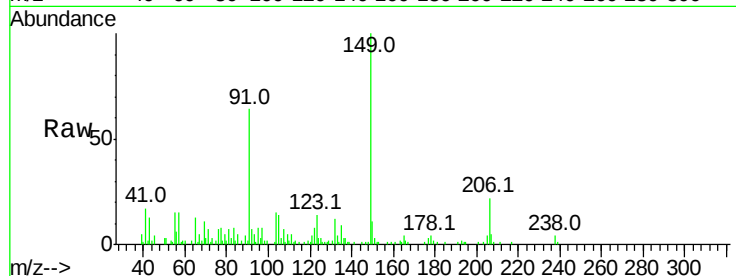




#79
 Butylbenzylphthalate
 Concen: 7.445 ng
 RT: 13.54 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

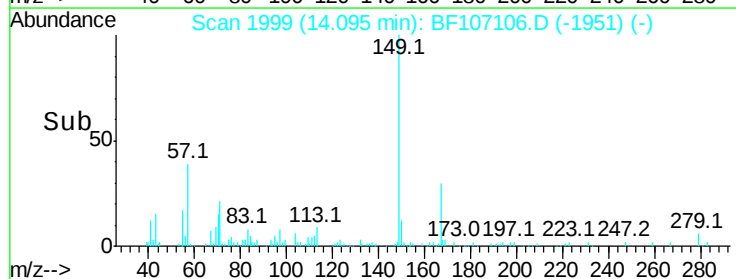
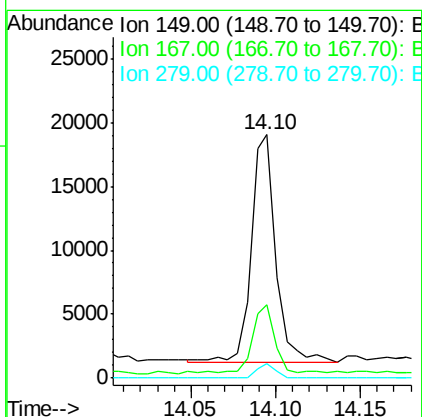
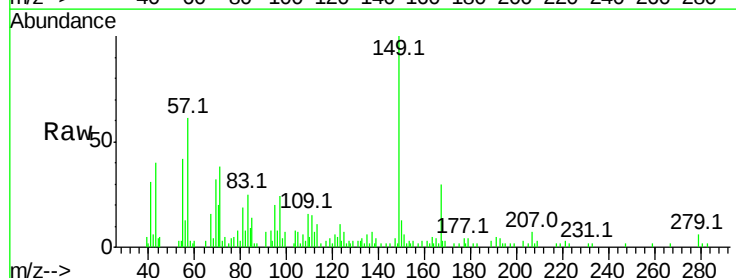
Instrument :
 BNA_F
 ClientSampleId :
 159-WHITE-BRICK

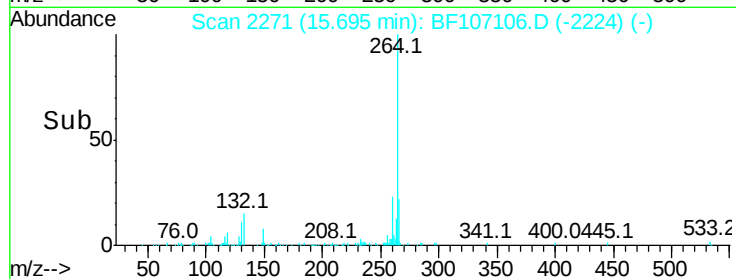
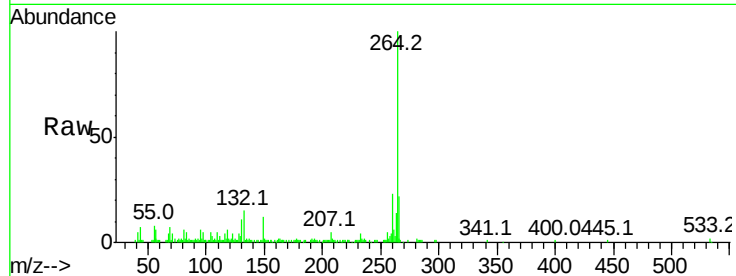
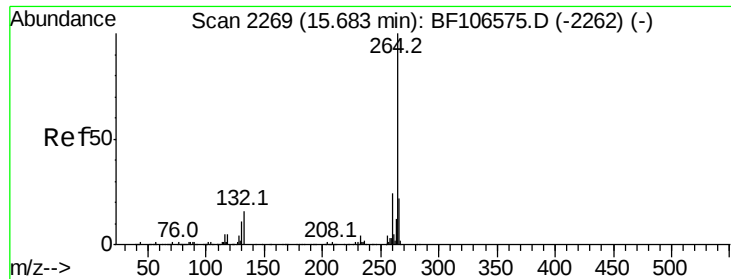
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	56.8	85.2
206	21.6	14.1	21.1#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.948 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107106.D
 Acq: 4 Jul 2018 3:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.3	31.9
279	5.7	3.0	4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107106.D
Acq: 4 Jul 2018 3:03

Instrument :
BNA_F
ClientSampleId :
159-WHITE-BRICK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3

