

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107252.D
 Acq On : 10 Jul 2018 2:21
 Operator : JU/SJ
 Sample : PB110915BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Quant Time: Jul 10 05:11:01 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

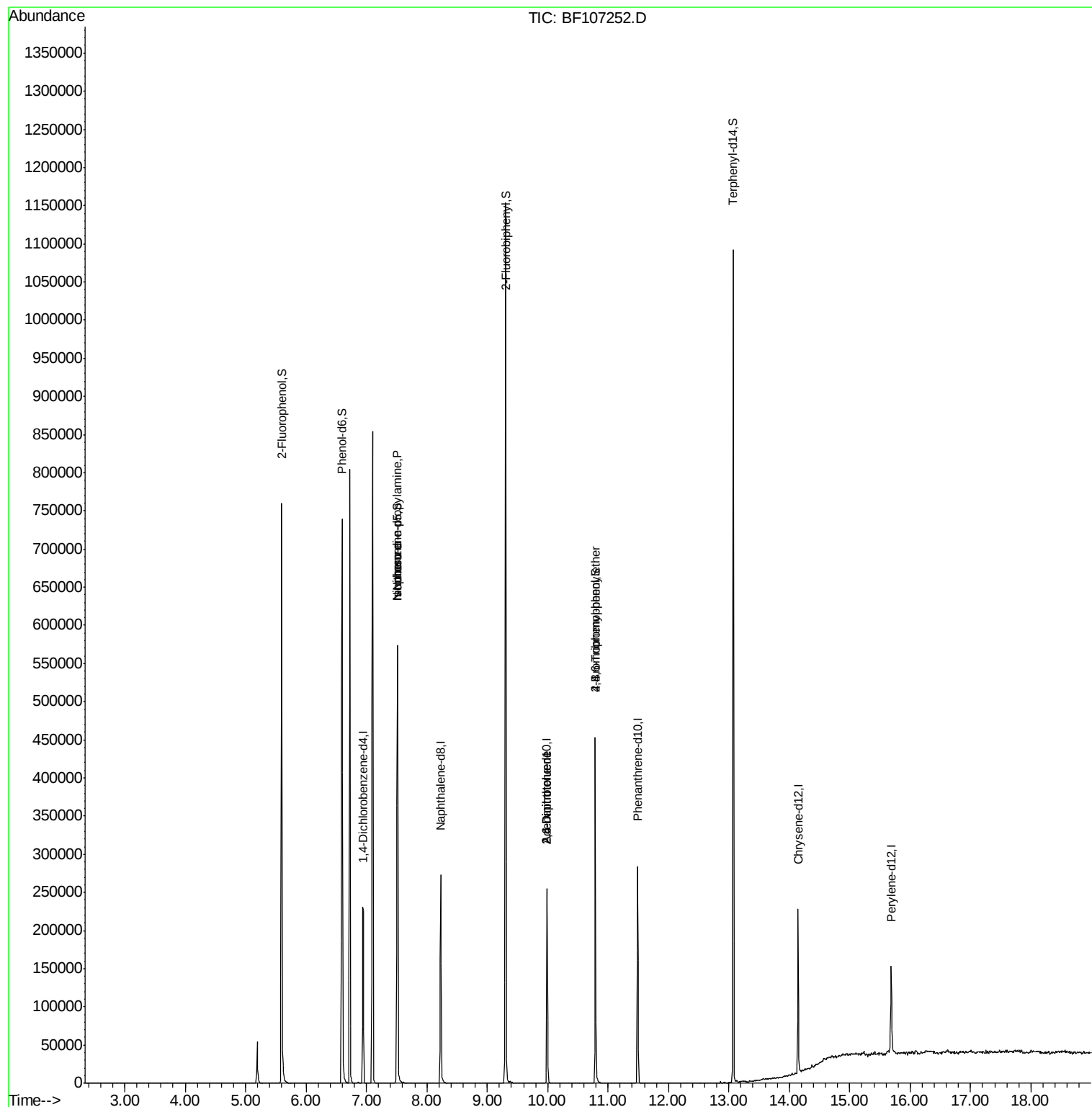
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	38217	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	135668	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	60259	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	113897	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	83551	20.00	ng	-0.02
86) Perylene-d12	15.69	264	61516	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	223780	99.15	ng	0.00
7) Phenol-d6	6.60	99	270077	95.82	ng	-0.02
23) Nitrobenzene-d5	7.51	82	235675	96.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	66982	95.91	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	416469	123.70	ng	-0.02
78) Terphenyl-d14	13.08	244	454995	131.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	29731	16.003	ng	# 74
25) Isophorone	7.51	82	235673	54.785	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	7537	7.875	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	7537	6.034	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4075	2.998	ng	# 1

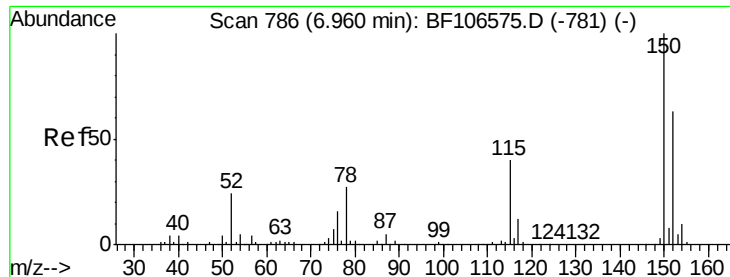
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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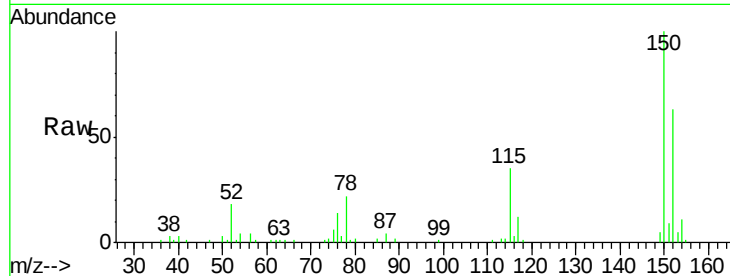


#1

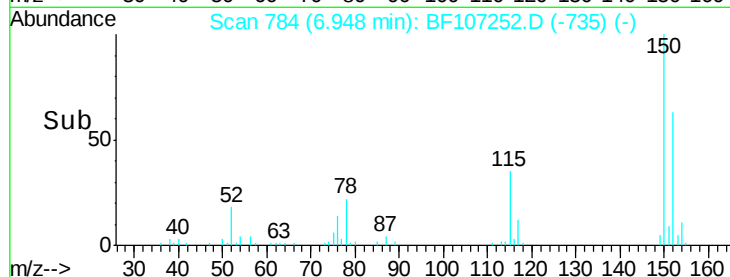
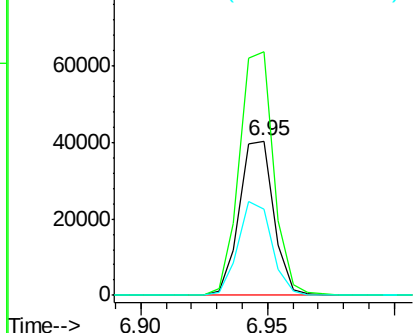
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB110915BL

Tgt Ion:152 Resp: 38217
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 55.9 50.1 75.1



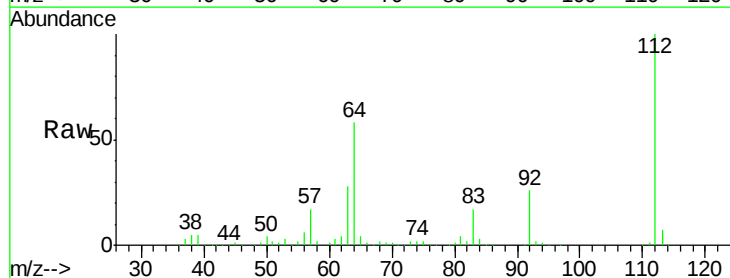
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



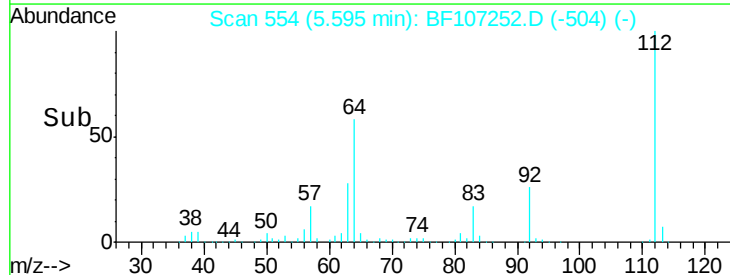
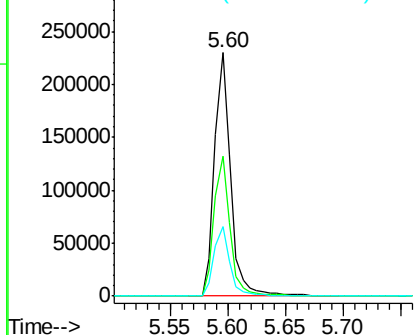
#5

2-Fluorophenol
Concen: 99.152 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Tgt Ion:112 Resp: 223780
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.824 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB110915BL

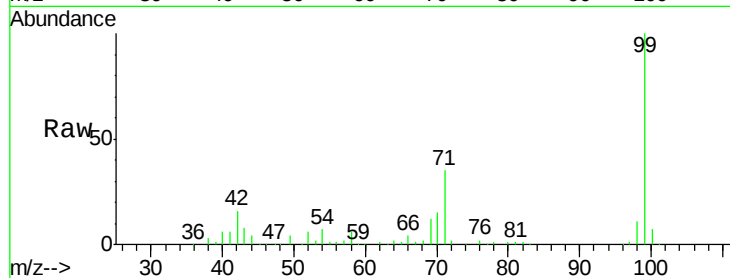
Tgt Ion: 99 Resp: 270077

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

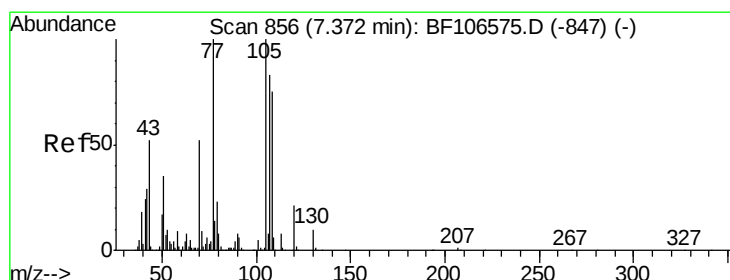
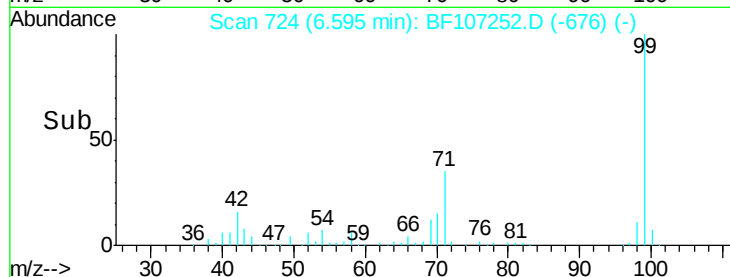
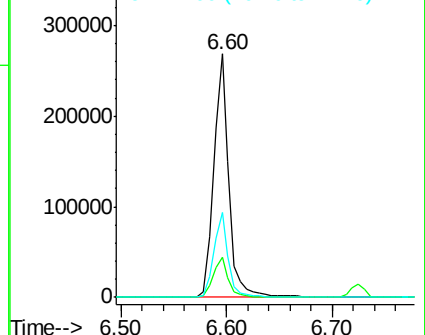
71 34.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.003 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Tgt Ion: 70 Resp: 29731

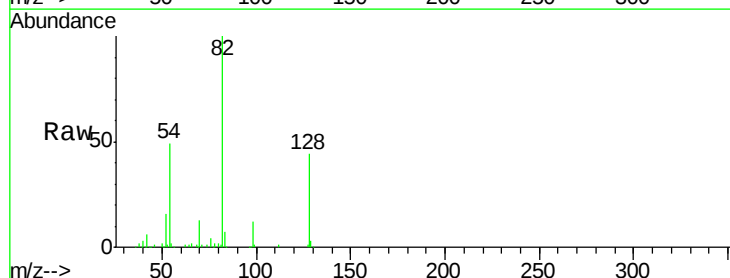
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

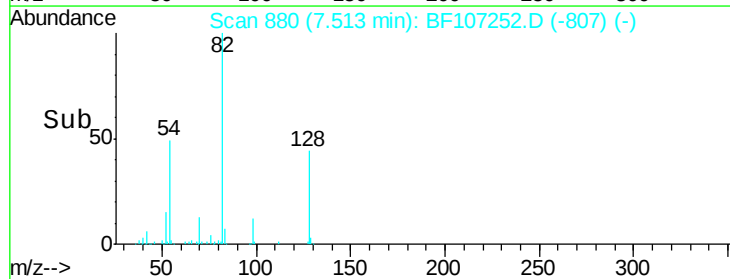
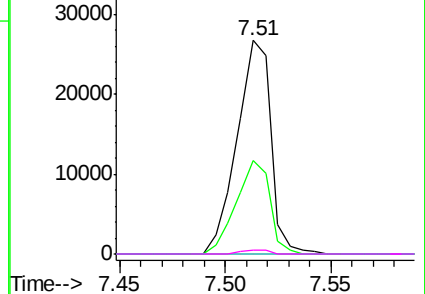


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

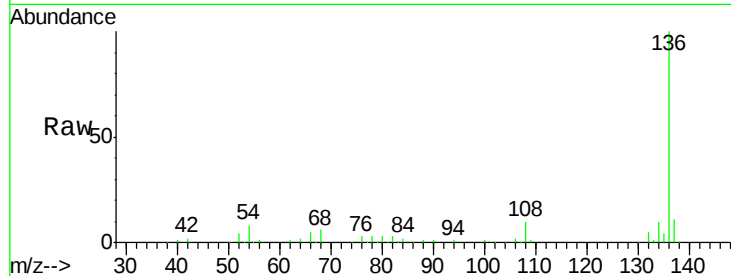




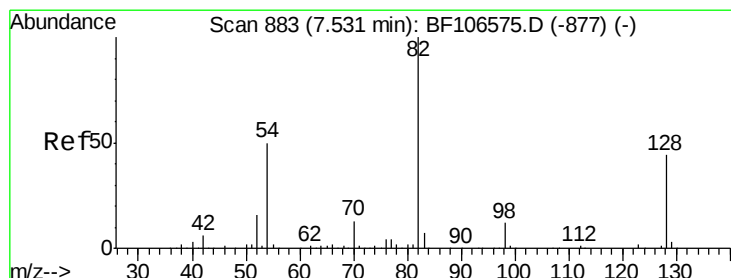
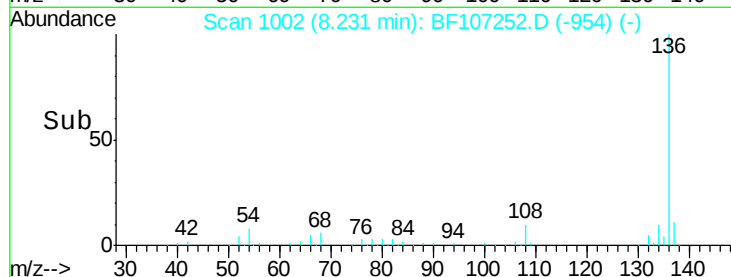
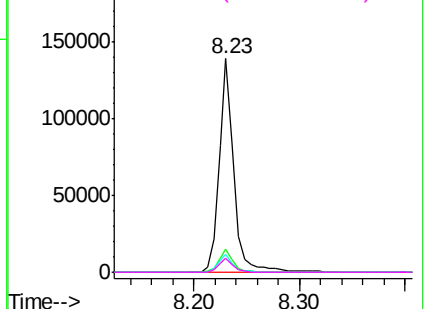
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB110915BL

Tgt Ion:	136	Resp:	135668
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.5	5.0	7.4

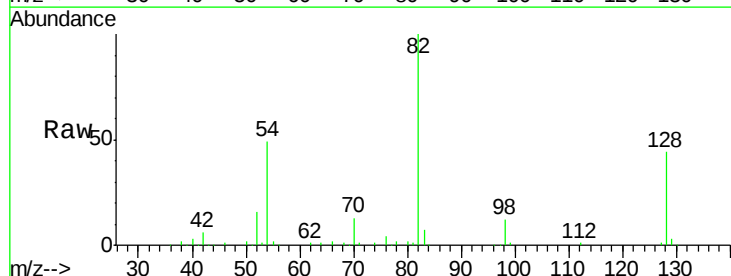


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

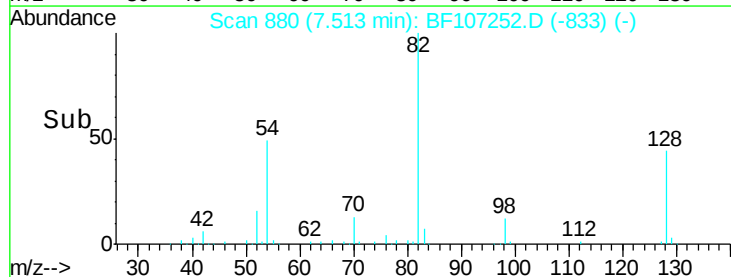
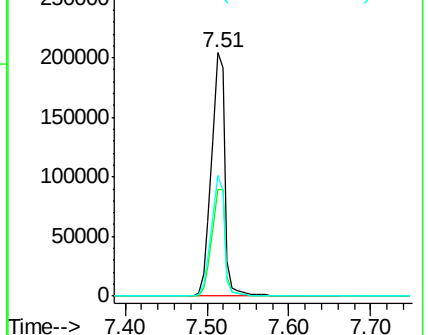


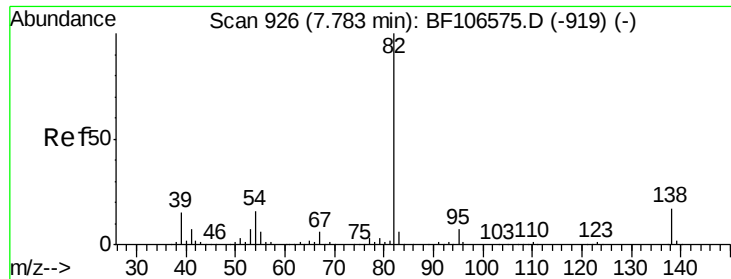
#23
Nitrobenzene-d5
Concen: 96.539 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Tgt Ion:	82	Resp:	235675
Ion	Ratio	Lower	Upper
82	100		
128	43.7	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.785 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB110915BL

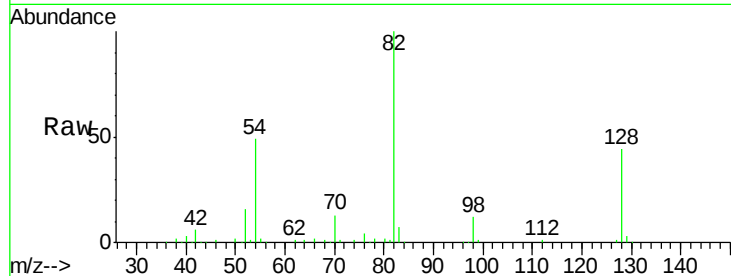
Tgt Ion: 82 Resp: 235673

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

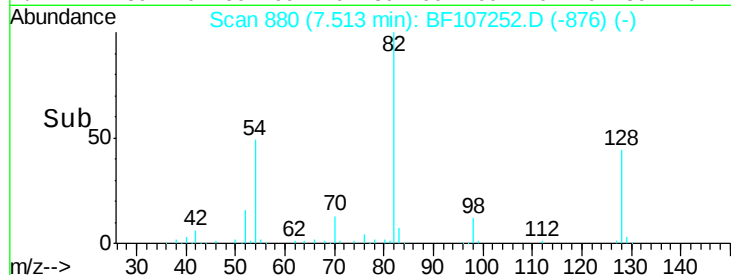


Abundance Ion 82.00 (81.70 to 82.70): BF1

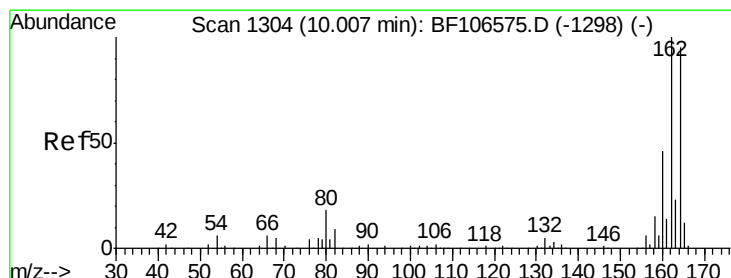
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

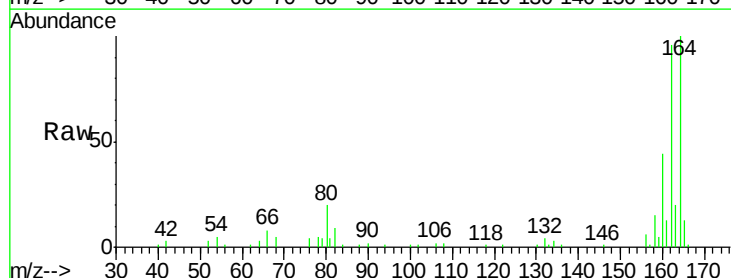
Tgt Ion: 164 Resp: 60259

Ion Ratio Lower Upper

164 100

162 95.8 86.1 129.1

160 43.7 38.3 57.5

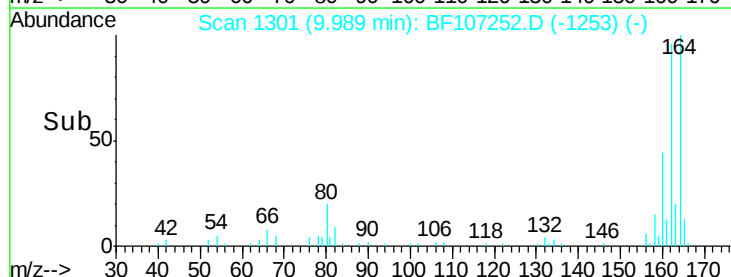


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



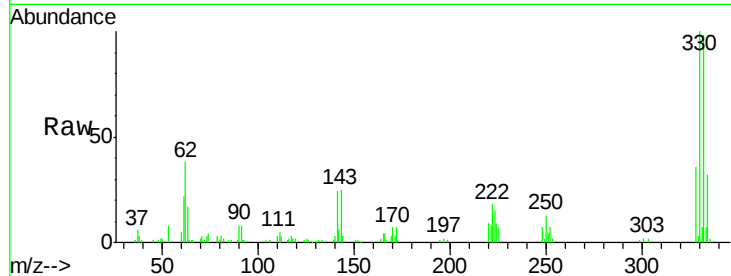
Time-->



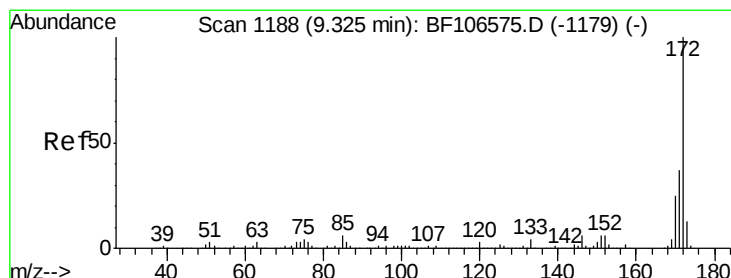
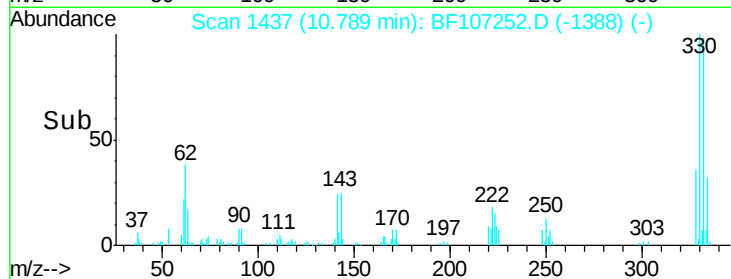
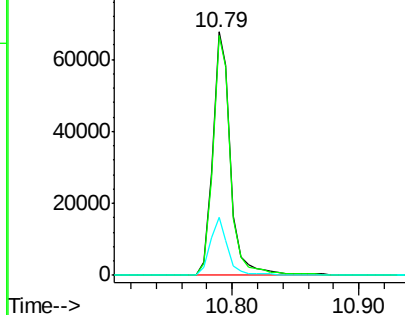
#41
 2,4,6-Tribromophenol
 Concen: 95.905 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Tgt Ion:330 Resp: 66982
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 23.1 29.9 44.9#

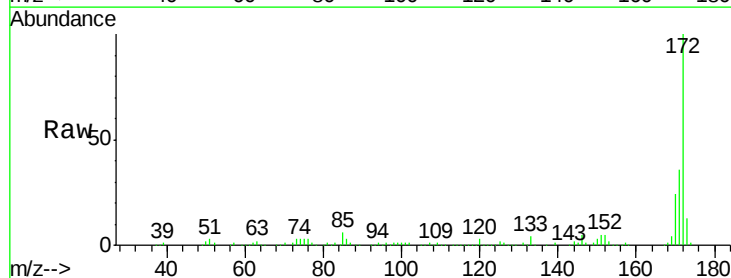


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

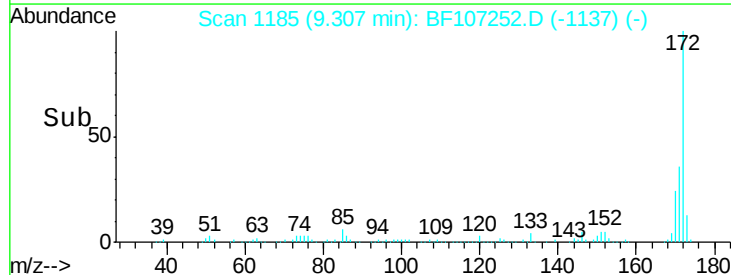
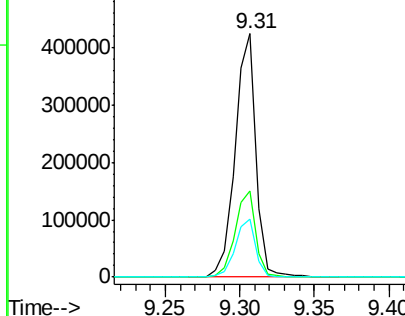


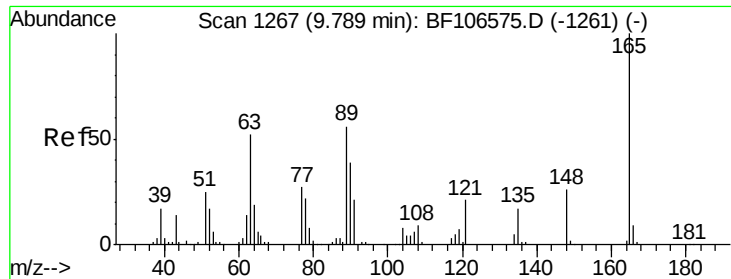
#44
 2-Fluorobiphenyl
 Concen: 123.699 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Tgt Ion:172 Resp: 416469
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.8 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

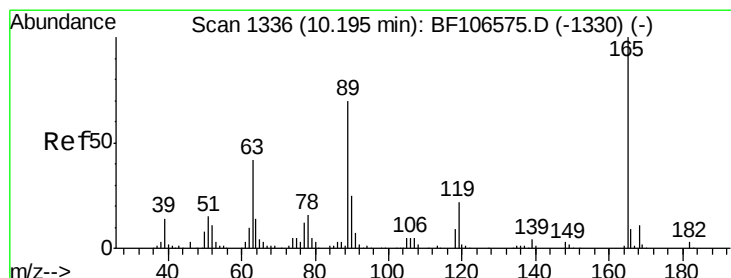
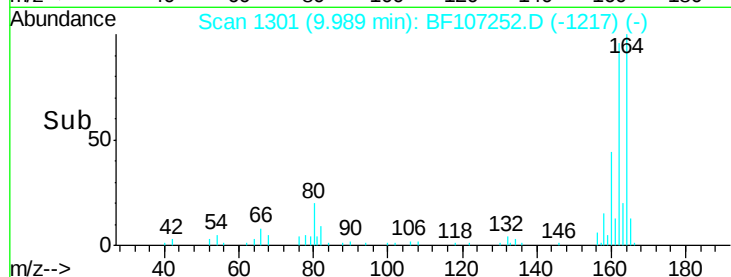
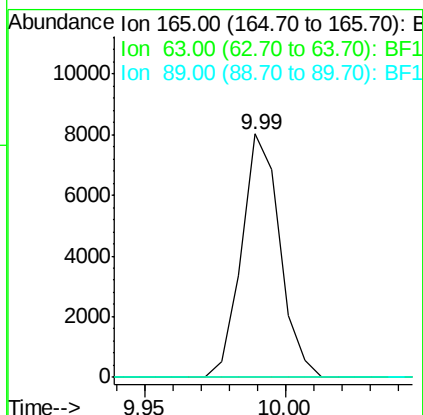
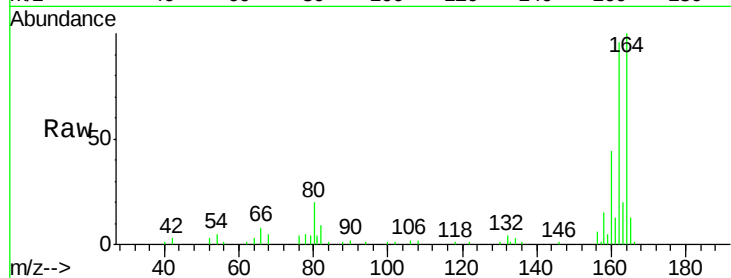




#50
 2,6-Dinitrotoluene
 Concen: 7.875 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. 0.19 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

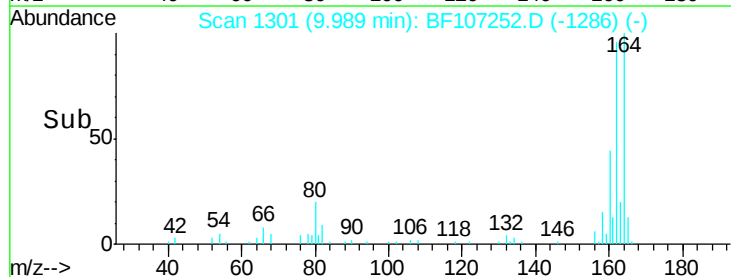
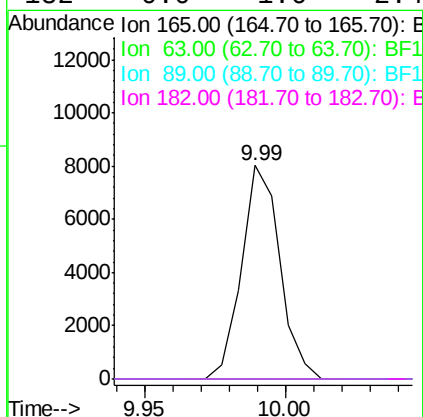
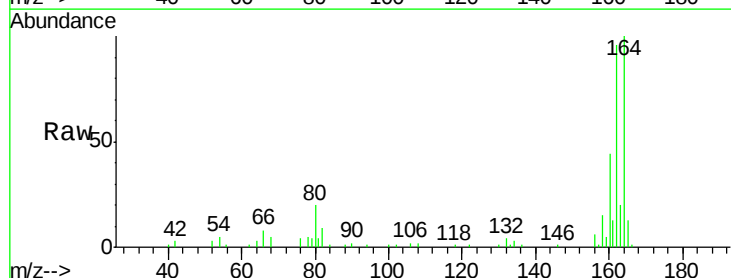
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.034 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Tgt 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB110915BL

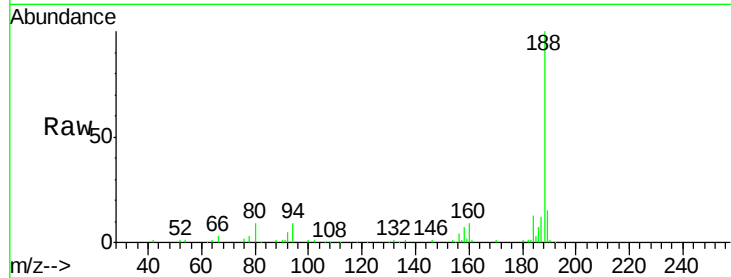
Tgt Ion:188 Resp: 113897

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

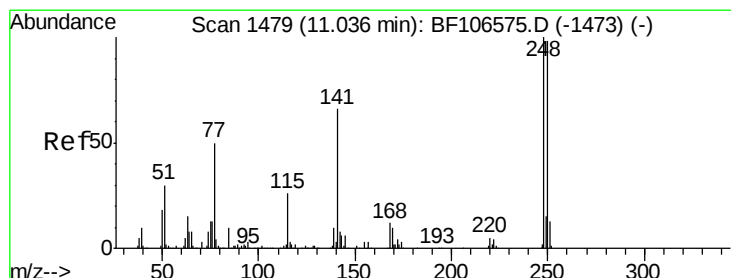
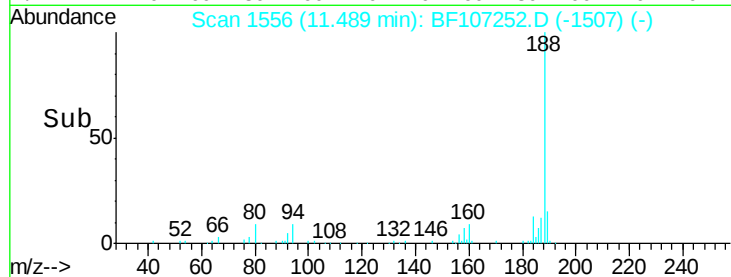
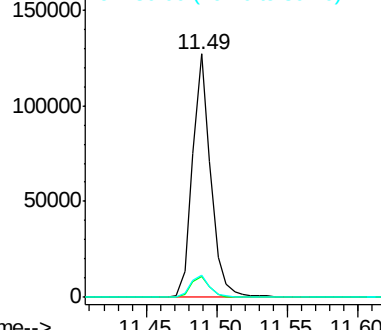
80 9.2 9.2 13.8#



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: 2.998 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

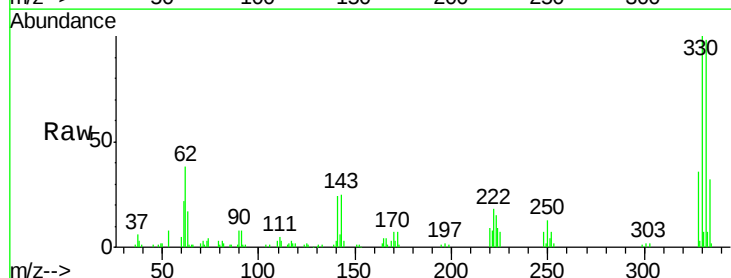
Tgt Ion:248 Resp: 4075

Ion Ratio Lower Upper

248 100

250 191.1 76.9 115.3#

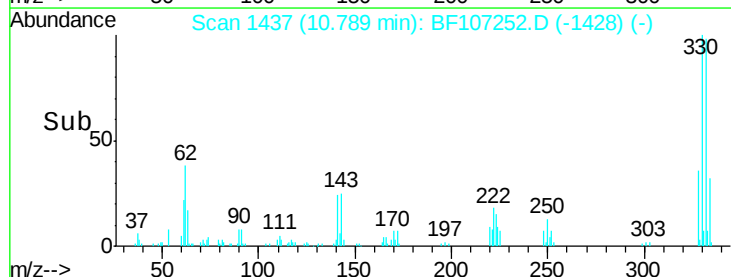
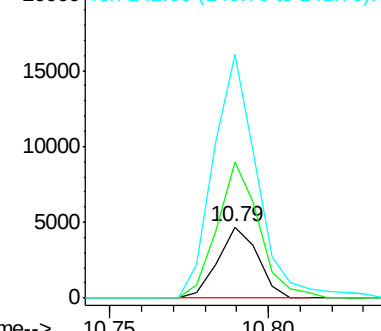
141 342.8 74.4 111.6#

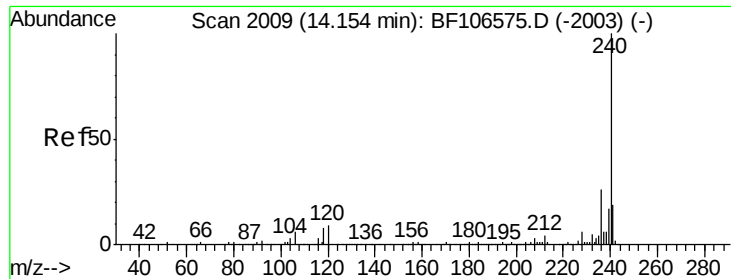


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Instrument :

BNA_F

ClientSampled :

PB110915BL

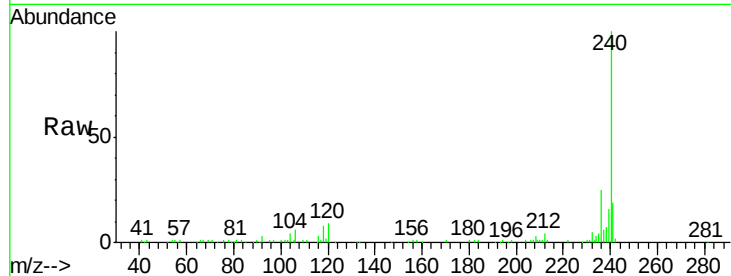
Tgt Ion:240 Resp: 83551

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

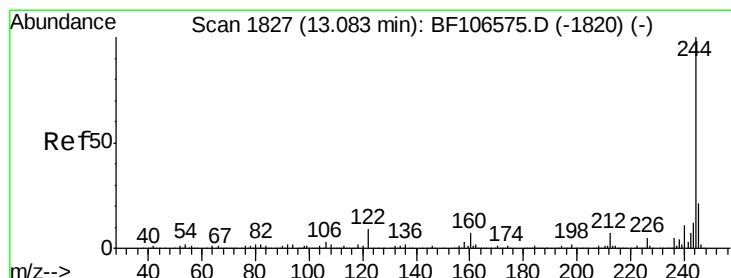
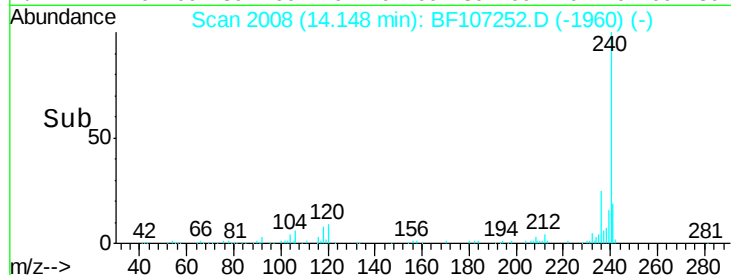
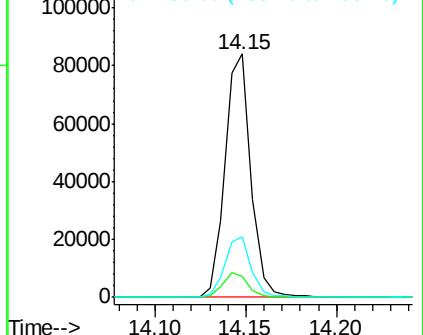
236 25.0 20.7 31.1



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: 131.911 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

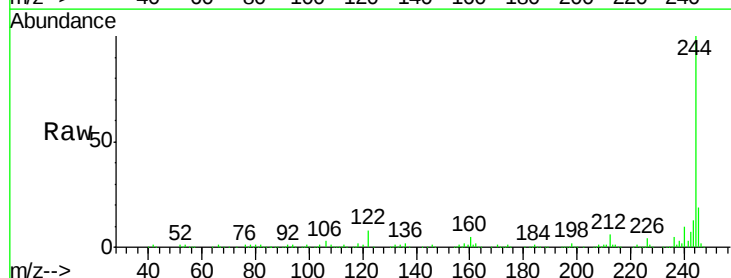
Tgt Ion:244 Resp: 454995

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

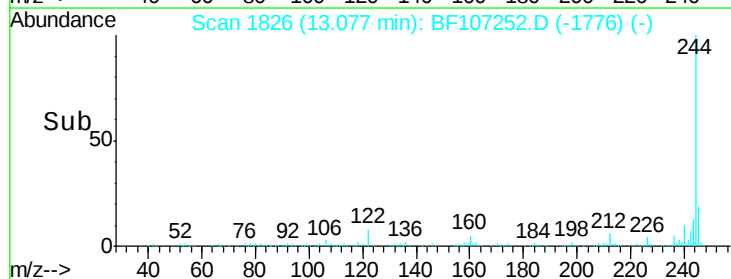
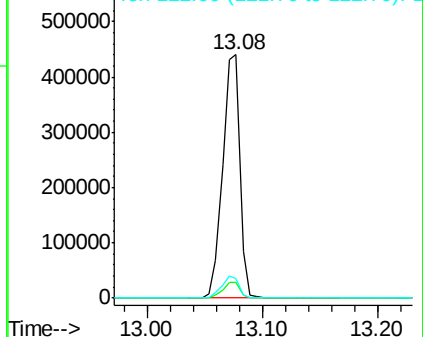
122 7.9 11.0 16.4#

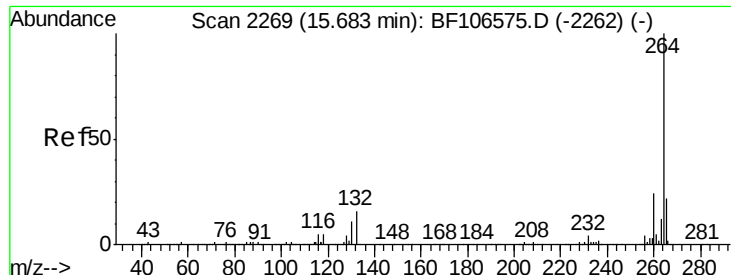


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB110915BL

Tgt Ion:	264	Resp:	61516
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

