

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107467.D
 Acq On : 18 Jul 2018 10:41
 Operator : JU/SJ
 Sample : PB111134BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

Quant Time: Jul 18 13:06:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	116810	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	442418	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	242443	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	540849	20.00	ng	0.00
75) Chrysene-d12	14.17	240	500950	20.00	ng	0.00
86) Perylene-d12	15.71	264	356775	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	741907	96.46	ng	0.01
7) Phenol-d6	6.61	99	952869	95.82	ng	0.00
23) Nitrobenzene-d5	7.55	82	709715	85.54	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	224718	105.49	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1213867	83.26	ng	0.00
78) Terphenyl-d14	13.11	244	1563372	77.54	ng	0.00

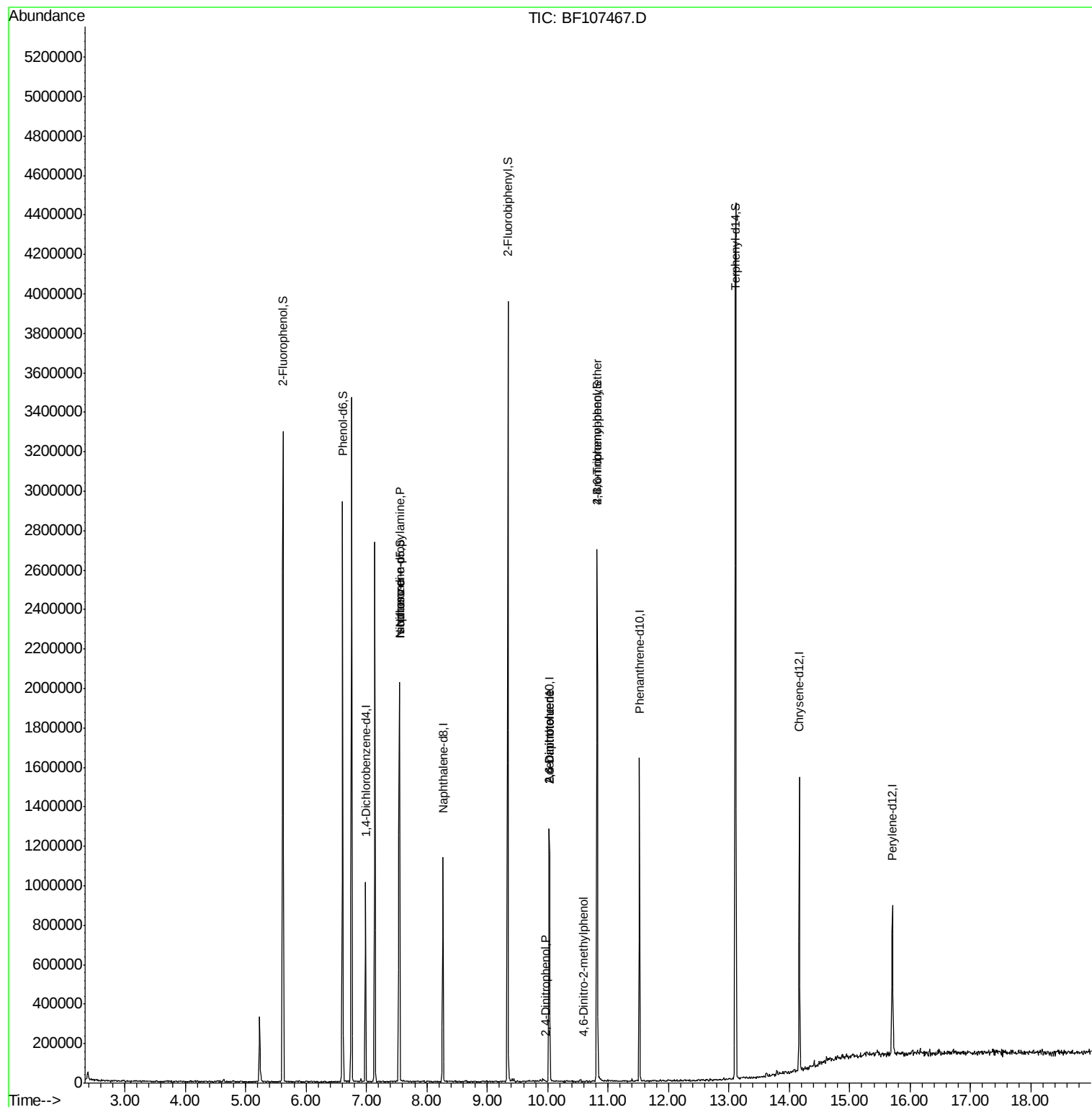
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	118076	16.584	ng	# 78
25) Isophorone	7.55	82	709702	43.156	ng	# 64
50) 2,6-Dinitrotoluene	10.02	165	31730	8.632	ng	# 28
53) 2,4-Dinitrophenol	9.97	184	126	2.389	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	31730	6.623	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.60	198	127	7.526	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	27734	4.482	ng	# 1

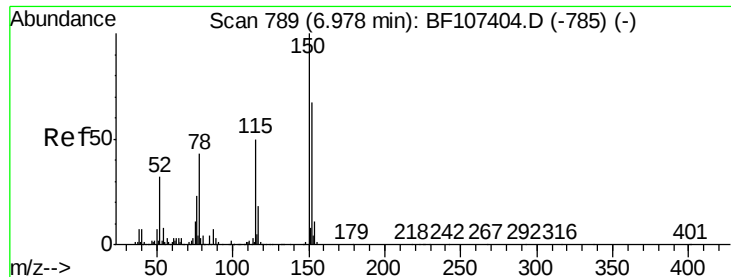
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107467.D
Acq On : 18 Jul 2018 10:41
Operator : JU/SJ
Sample : PB111134BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111134BL

Quant Time: Jul 18 13:06:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration



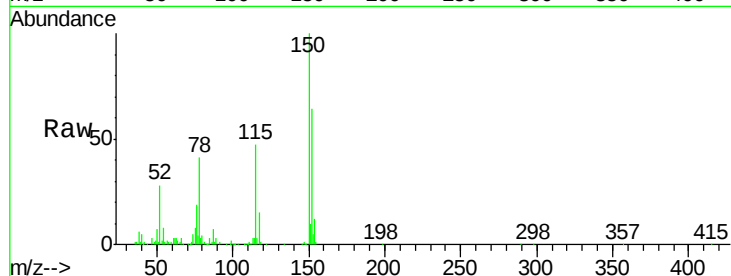


#1

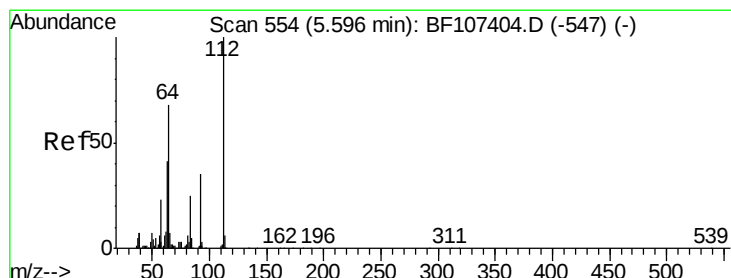
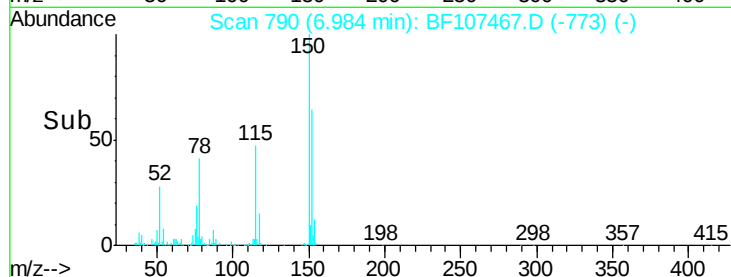
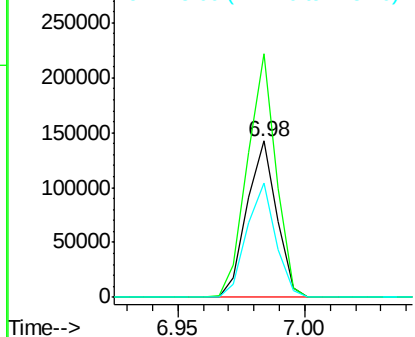
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
PB111134BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	73.1	50.1	75.1



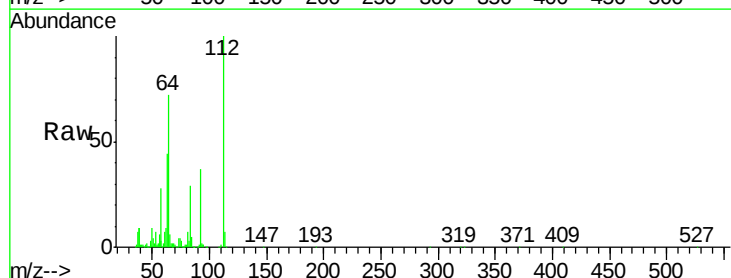
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



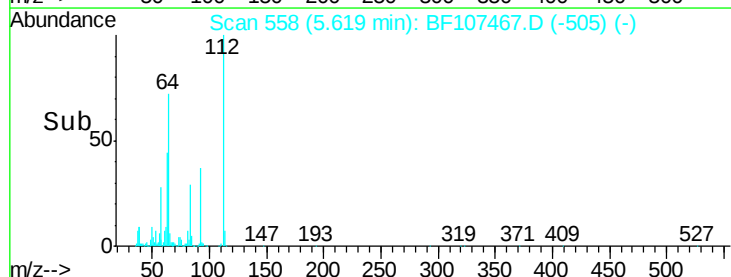
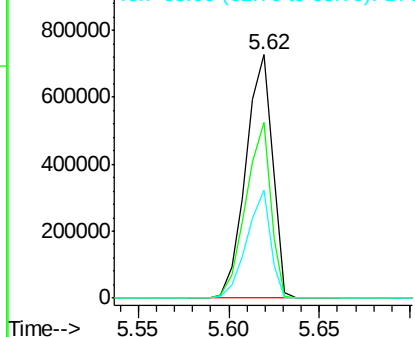
#5

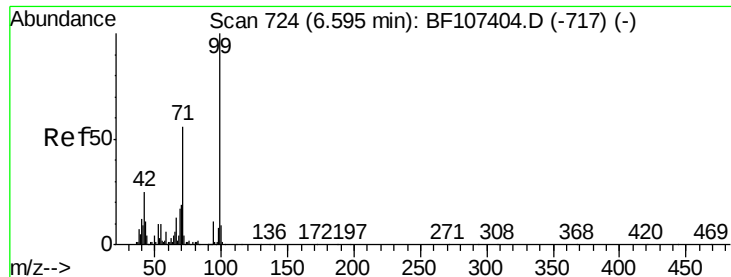
2-Fluorophenol
Concen: 96.461 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	47.9	71.9#
63	44.4	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: 95.825 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

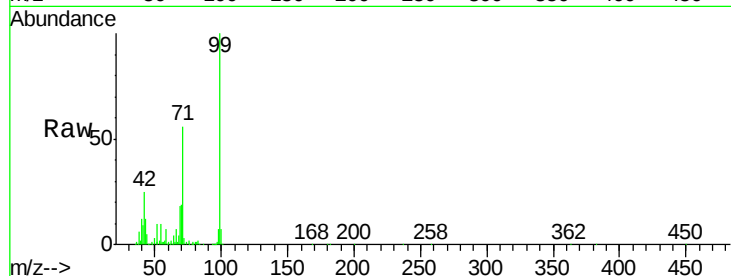
Tgt Ion: 99 Resp: 952869

Ion Ratio Lower Upper

99 100

42 25.5 14.5 21.7#

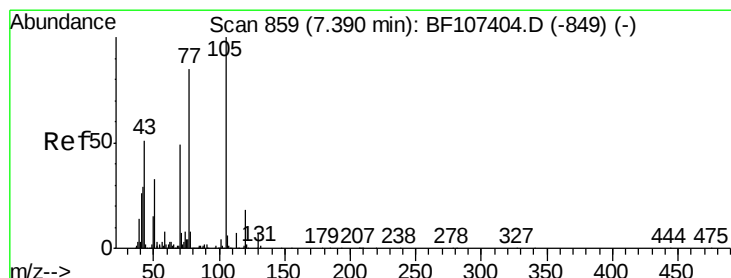
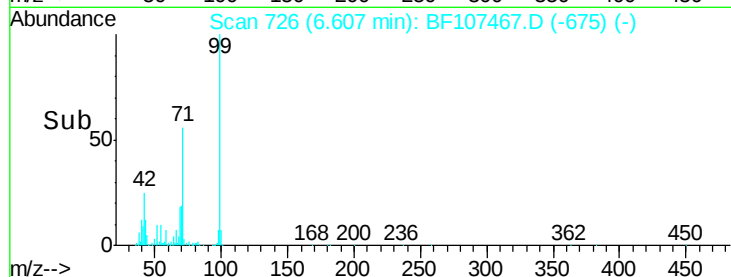
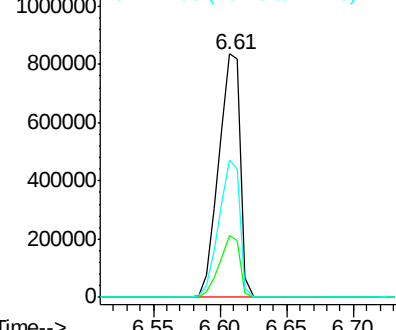
71 56.5 25.4 38.0#



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: 16.584 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Tgt Ion: 70 Resp: 118076

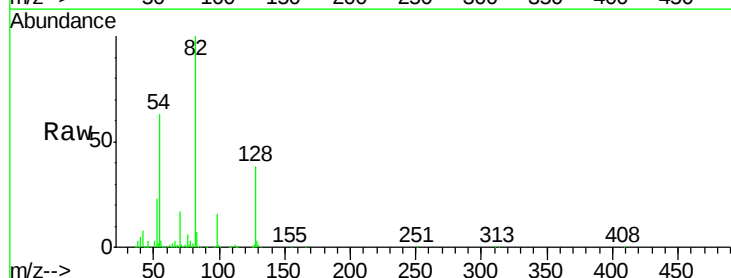
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

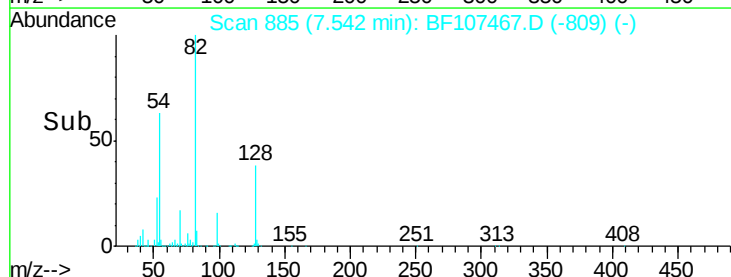
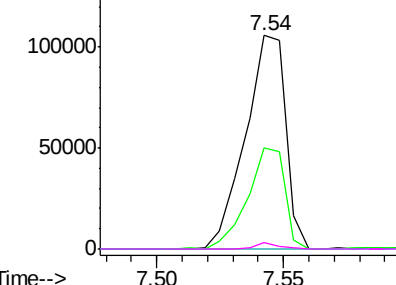


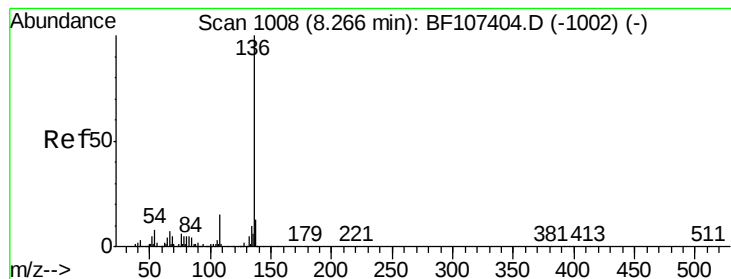
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

Tgt Ion: 136 Resp: 442418

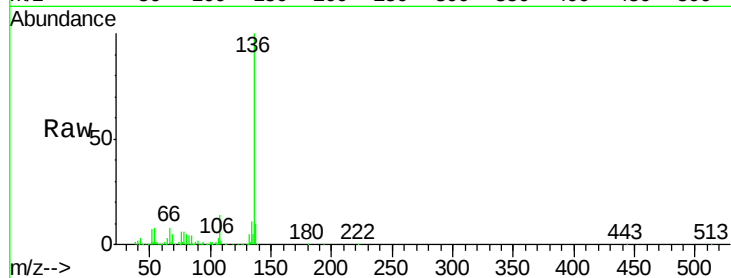
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 8.1 6.6 9.8

68 4.7 5.0 7.4#

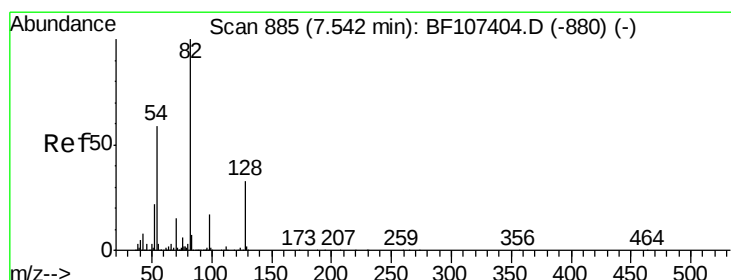
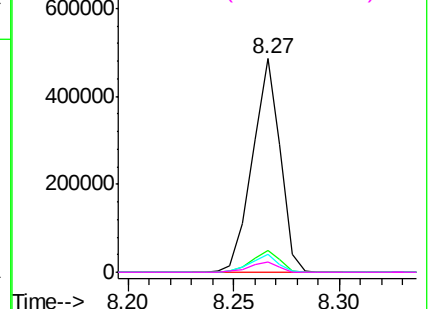
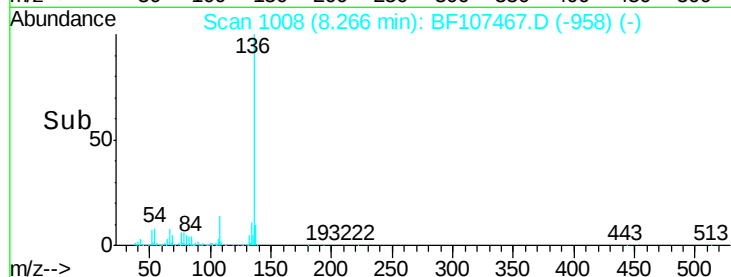


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.541 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

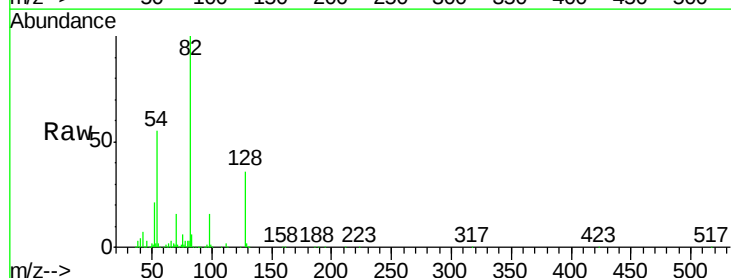
Tgt Ion: 82 Resp: 709715

Ion Ratio Lower Upper

82 100

128 36.2 36.1 54.1

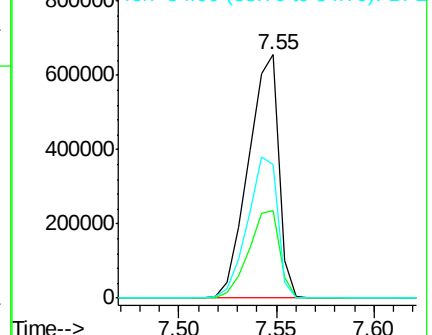
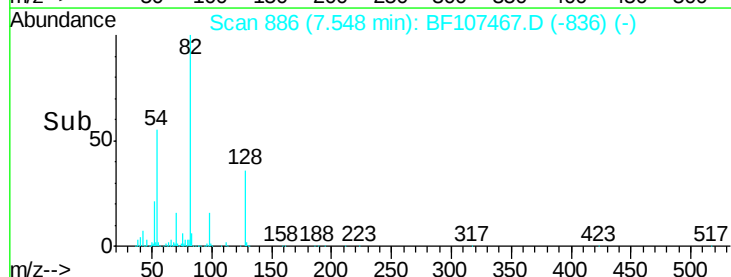
54 54.7 41.4 62.2

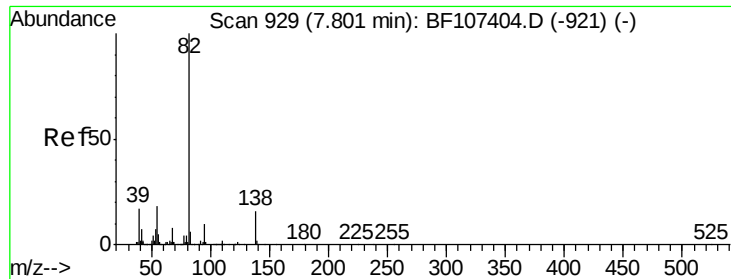


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.156 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

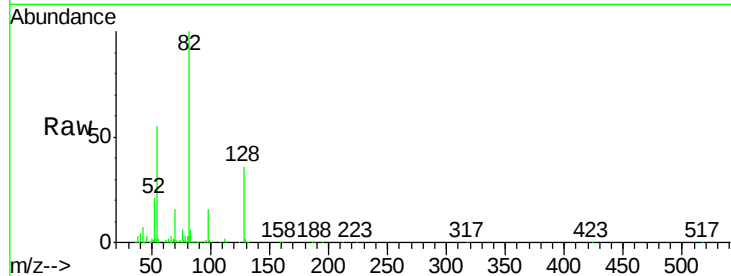
Tgt Ion: 82 Resp: 709702

Ion Ratio Lower Upper

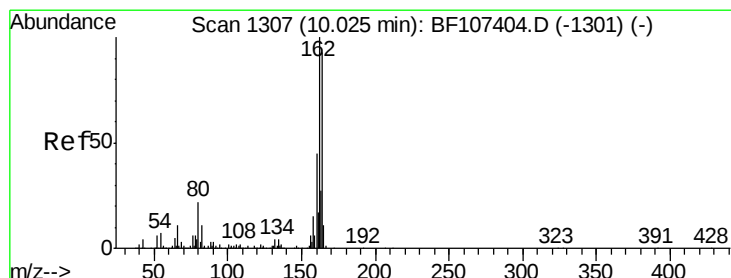
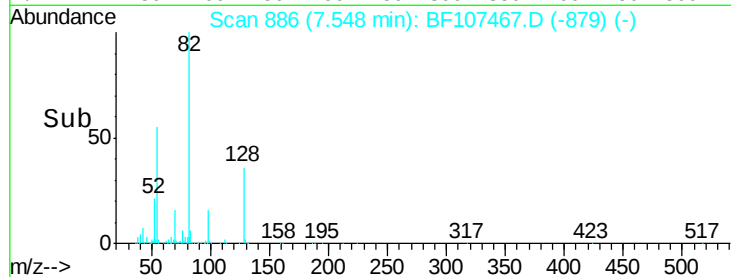
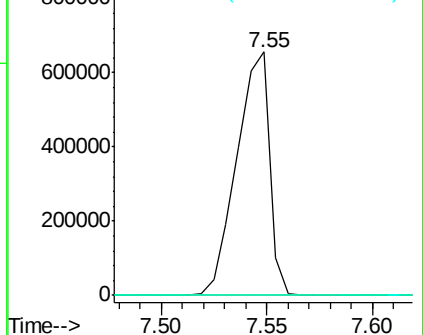
82 100

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: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

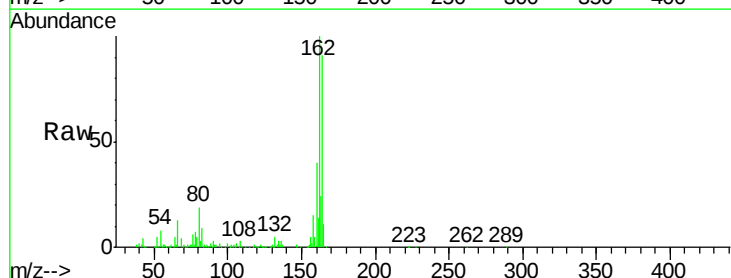
Tgt Ion: 164 Resp: 242443

Ion Ratio Lower Upper

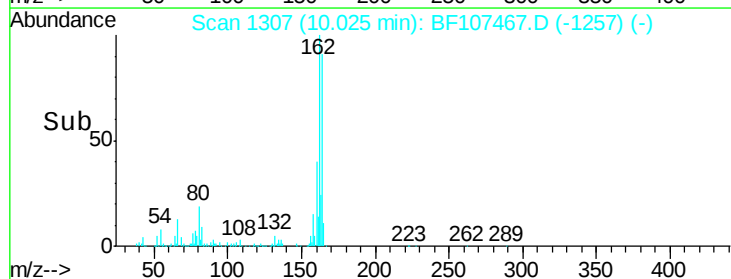
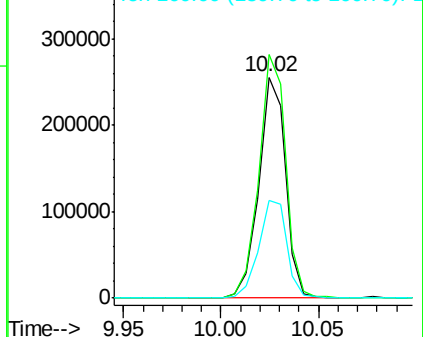
164 100

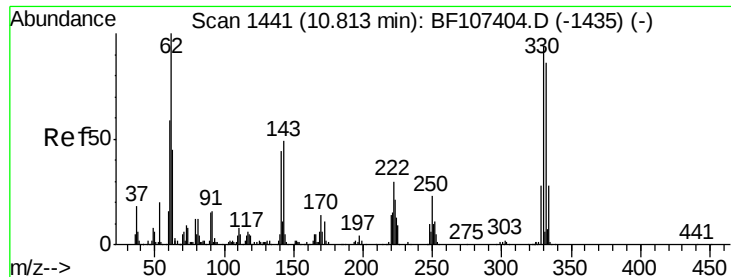
162 110.1 86.1 129.1

160 44.5 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

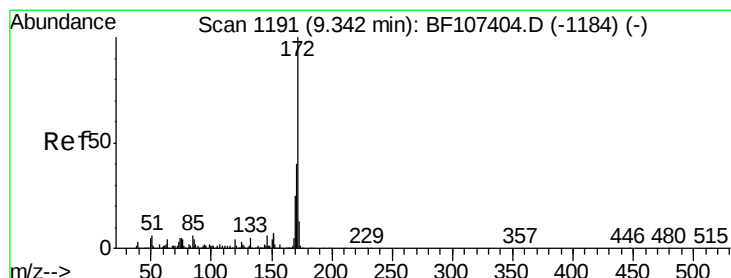
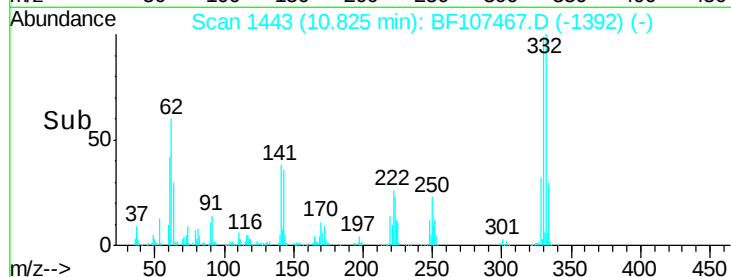
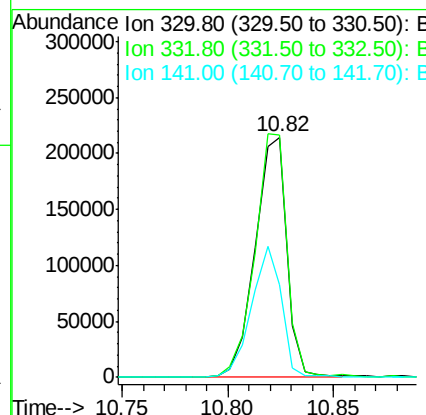
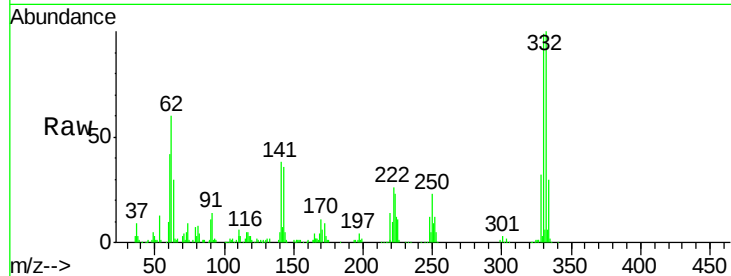




#41
 2,4,6-Tribromophenol
 Concen: 105.494 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

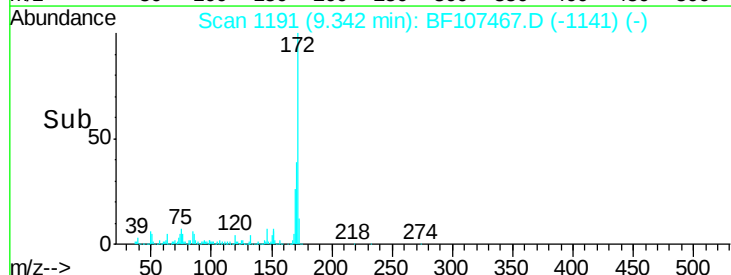
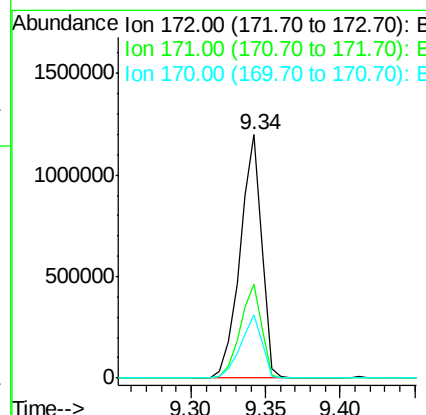
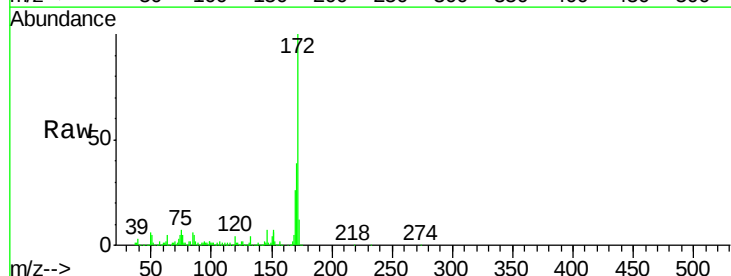
Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

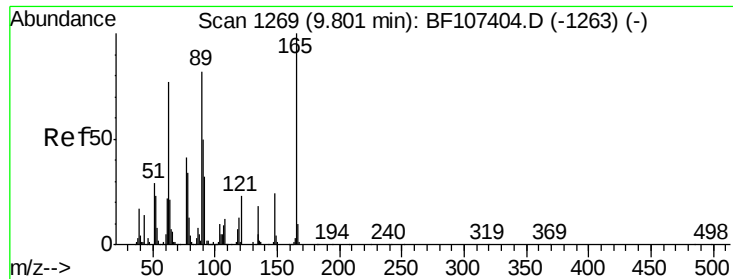
Tgt Ion:330 Resp: 224718
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 51.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 83.258 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

Tgt Ion:172 Resp: 1213867
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 26.0 19.6 29.4

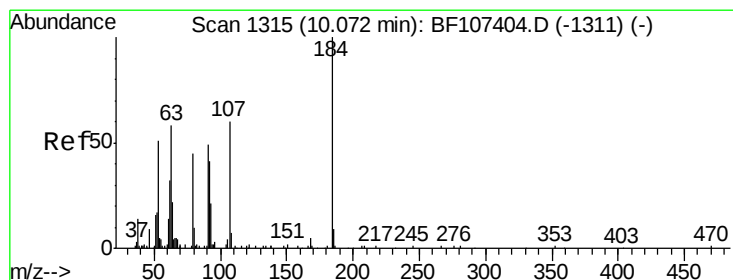
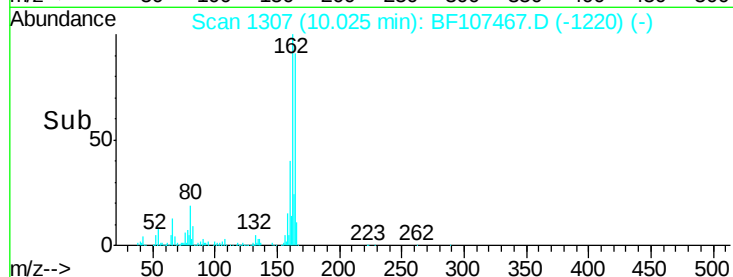
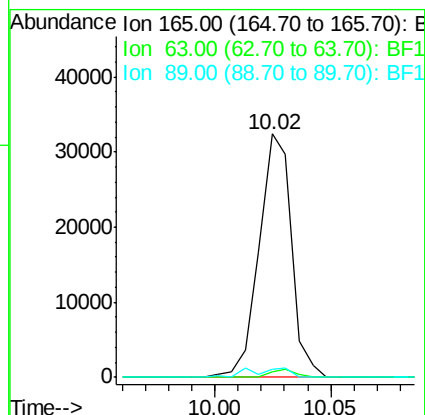
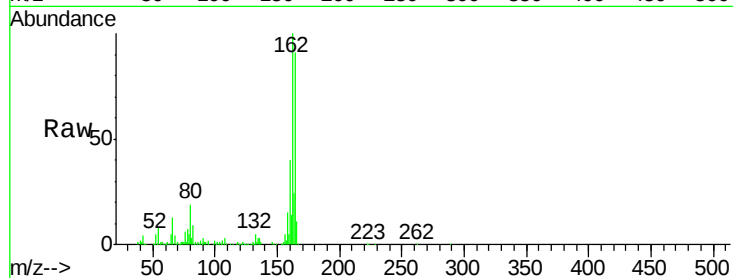




#50
 2,6-Dinitrotoluene
 Concen: 8.632 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.21 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

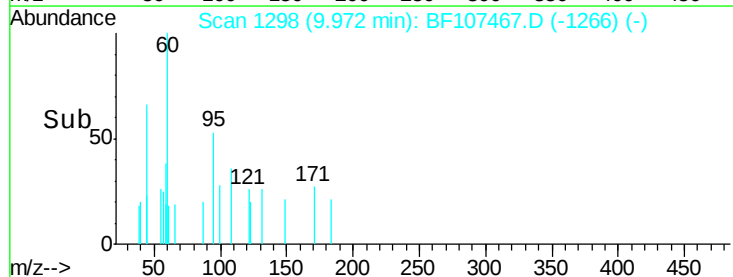
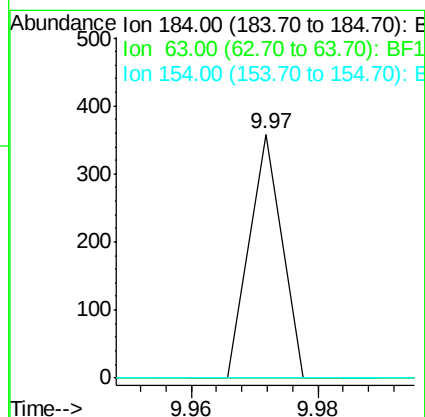
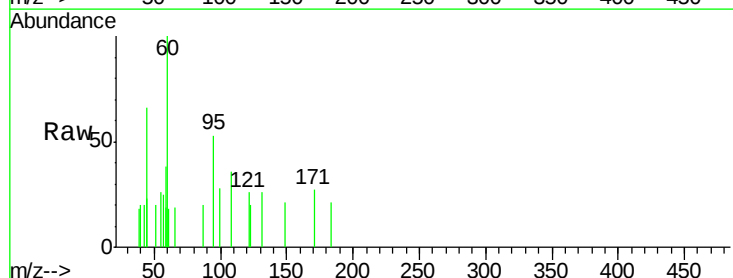
Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

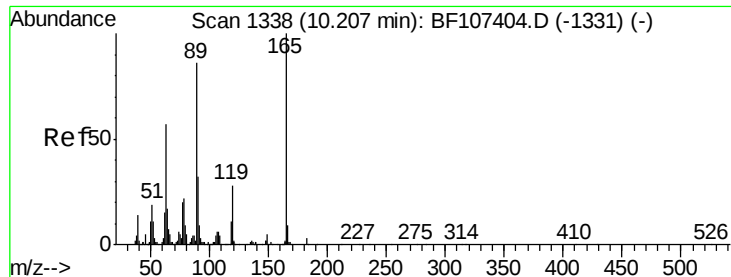
Tgt Ion:165 Resp: 31730
 Ion Ratio Lower Upper
 165 100
 63 2.4 44.7 67.1#
 89 3.3 44.0 66.0#



#53
 2,4-Dinitrophenol
 Concen: 2.389 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.11 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

Tgt Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#

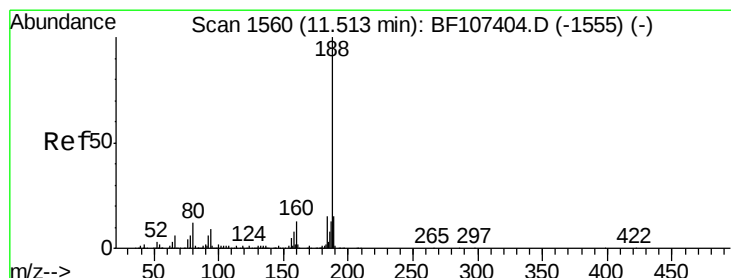
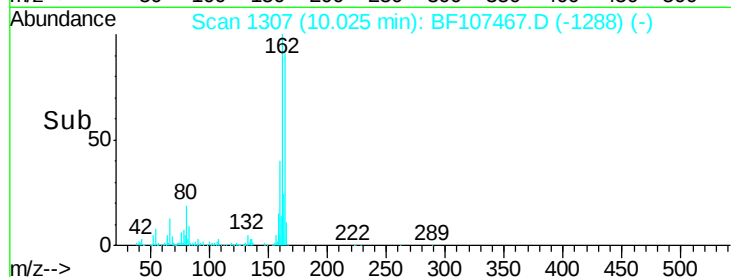
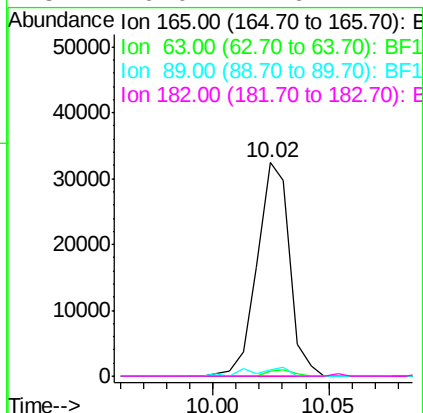
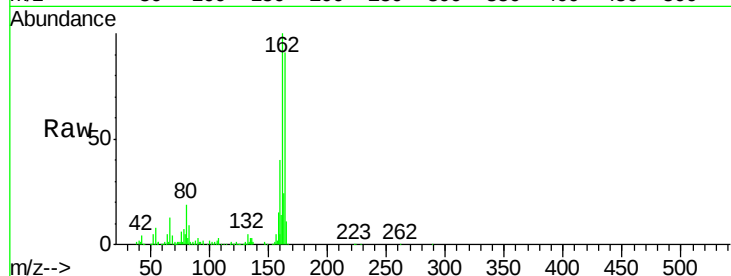




#56
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

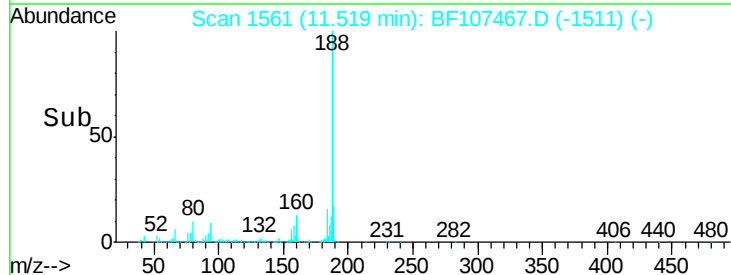
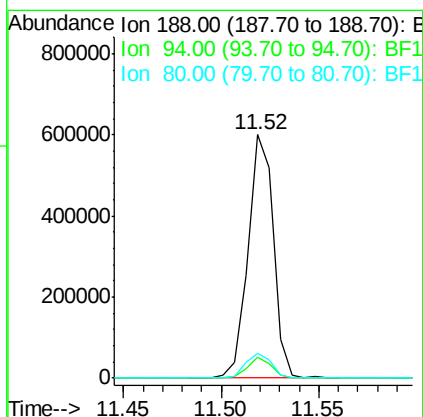
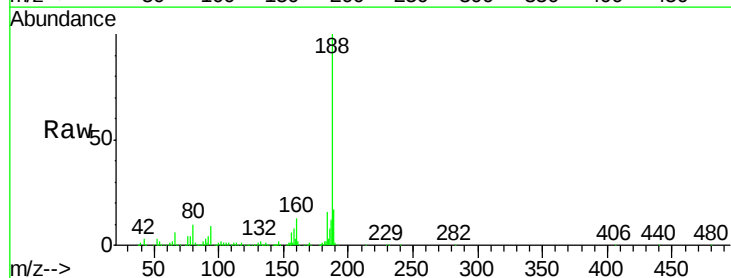
Instrument :
BNA_F
ClientSampleId :
PB111134BL

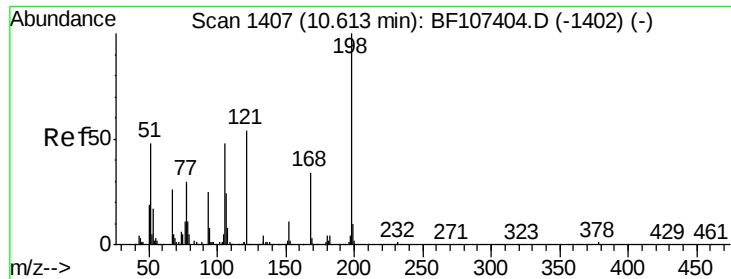
Tgt Ion:165 Resp: 31730
Ion Ratio Lower Upper
165 100
63 2.4 36.4 54.6#
89 3.3 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Tgt Ion:188 Resp: 540849
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 10.4 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.526 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.03 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

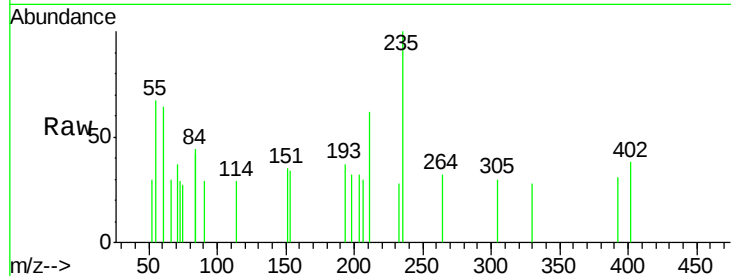
Tgt Ion:198 Resp: 127

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

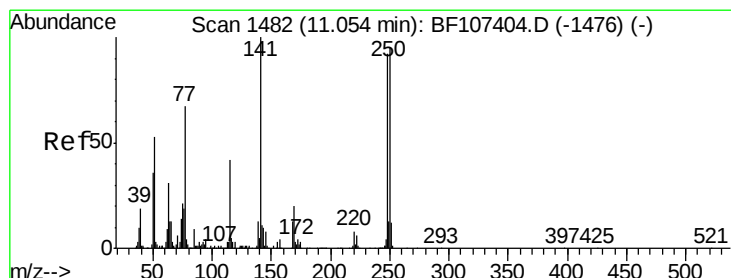
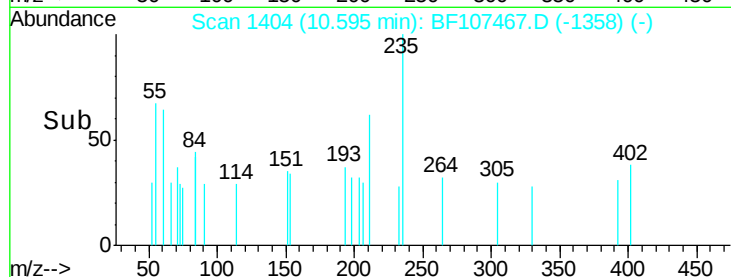
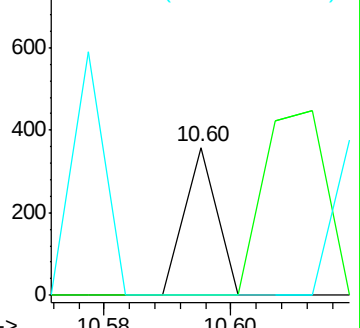
105 0.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.482 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.24 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

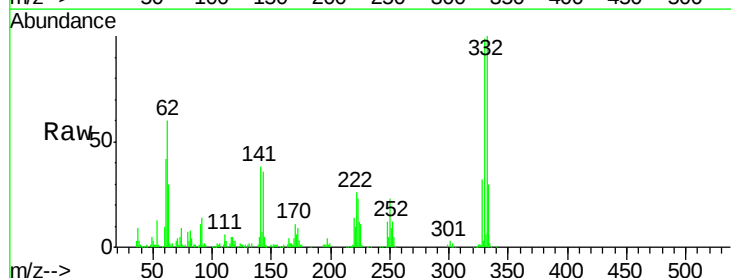
Tgt Ion:248 Resp: 27734

Ion Ratio Lower Upper

248 100

250 186.4 76.9 115.3#

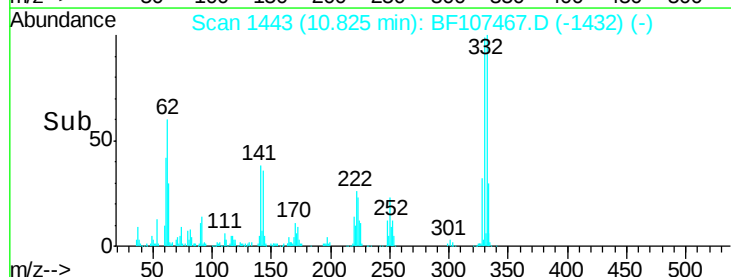
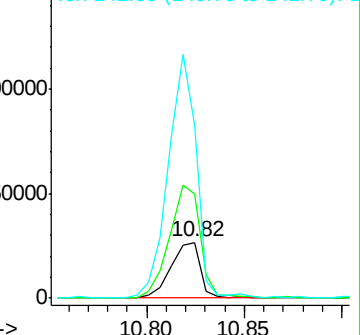
141 310.4 74.4 111.6#

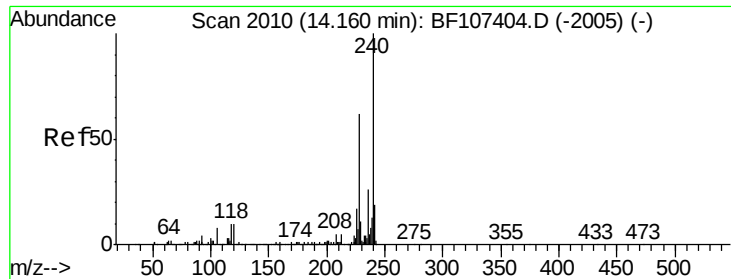


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

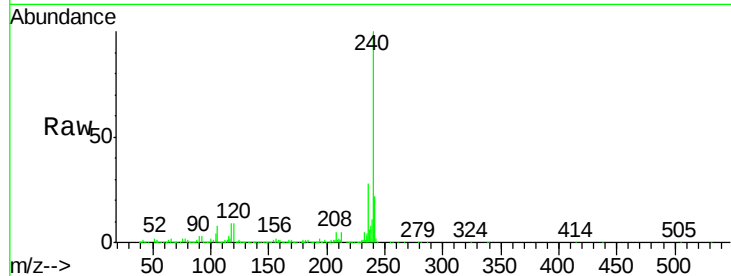
Tgt Ion:240 Resp: 500950

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

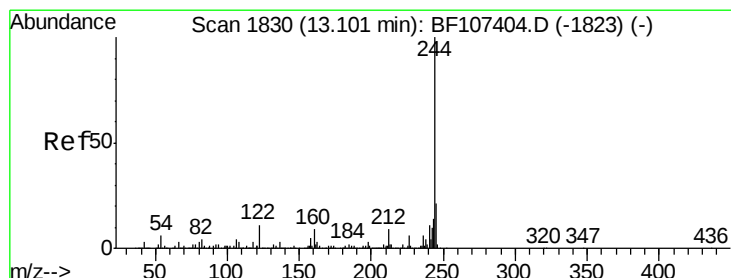
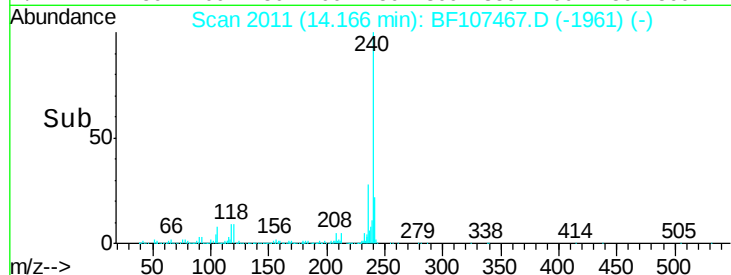
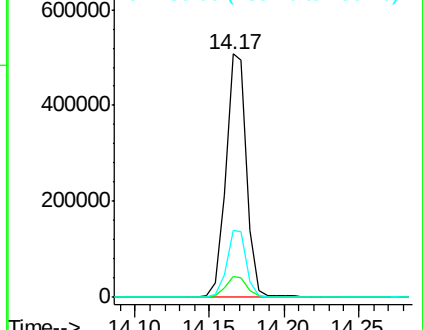
236 27.6 20.7 31.1



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: 77.539 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

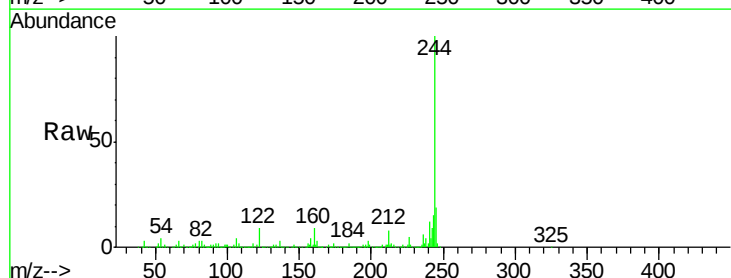
Tgt Ion:244 Resp: 1563372

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

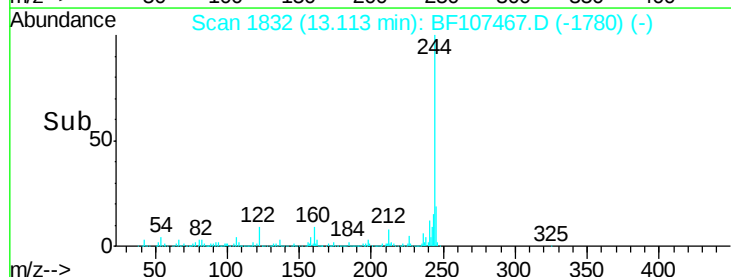
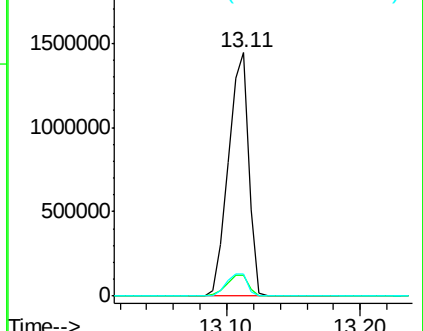
122 9.1 11.0 16.4#

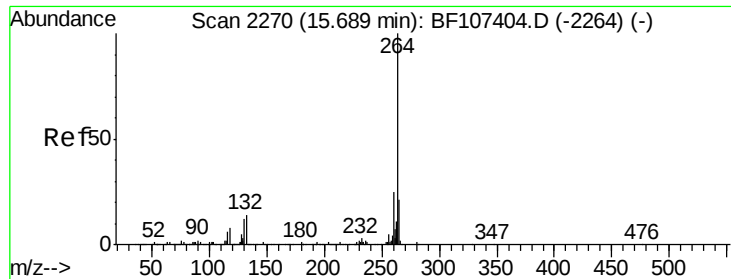


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
PB111134BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.2	28.8
265	21.3	17.5	26.3

