

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107466.D
 Acq On : 18 Jul 2018 10:14
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

Quant Time: Jul 18 11:04:09 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	127558	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	476393	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263632	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	590973	20.00	ng	0.00
75) Chrysene-d12	14.17	240	549742	20.00	ng	0.00
86) Perylene-d12	15.71	264	346090	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	847304	100.88	ng	0.02
7) Phenol-d6	6.61	99	1093358	100.69	ng	0.00
23) Nitrobenzene-d5	7.55	82	823632	92.19	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	262846	113.48	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1389010	88.26	ng	0.00
78) Terphenyl-d14	13.11	244	1662703	75.15	ng	0.00

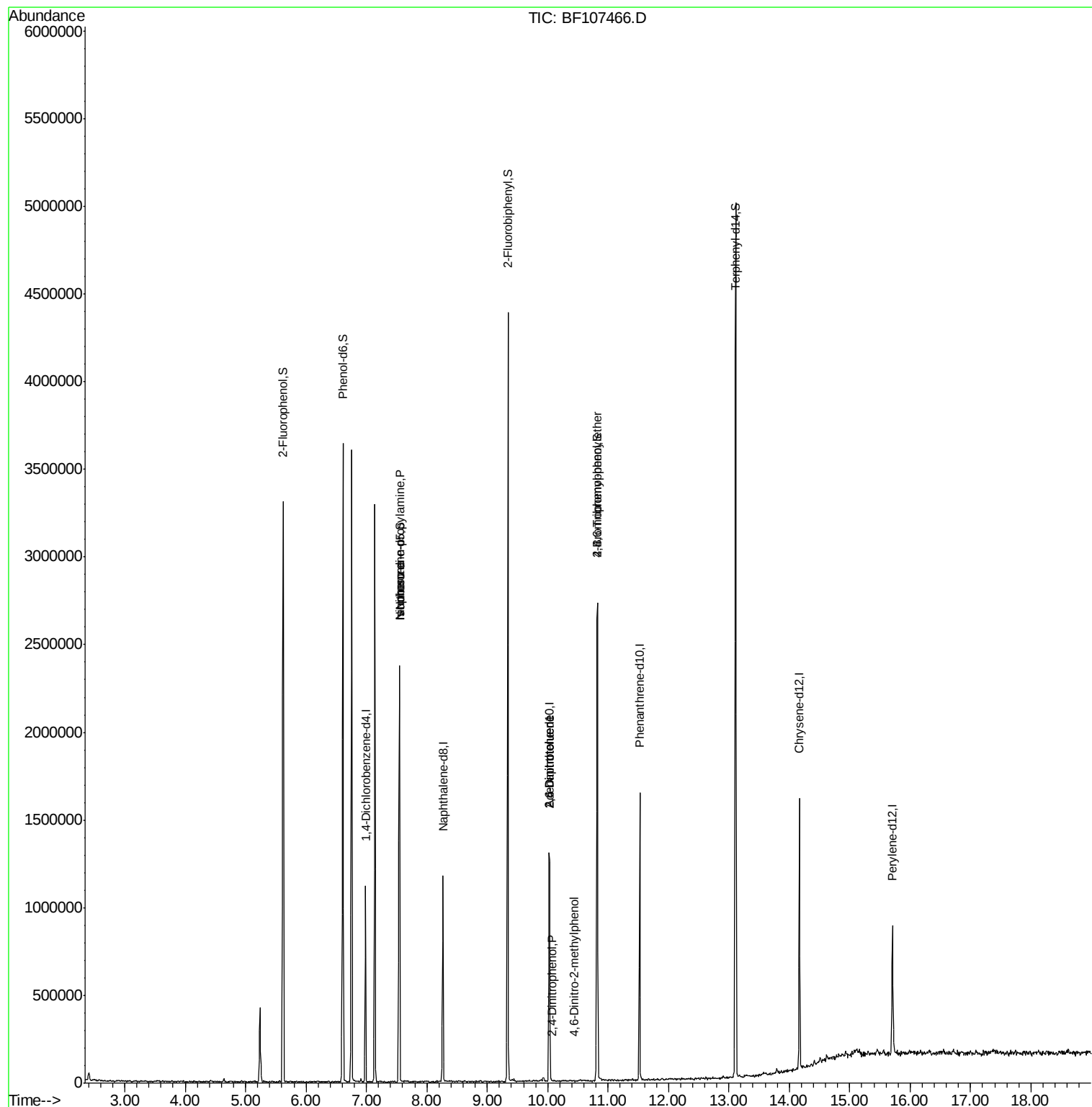
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	133321	17.148	ng	# 76
25) Isophorone	7.55	82	823618	46.511	ng	# 64
50) 2,6-Dinitrotoluene	10.03	165	34069	8.524	ng	# 26
53) 2,4-Dinitrophenol	10.08	184	173	2.427	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	34069	6.539	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.43	198	110	7.518	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	31628	4.678	ng	# 1

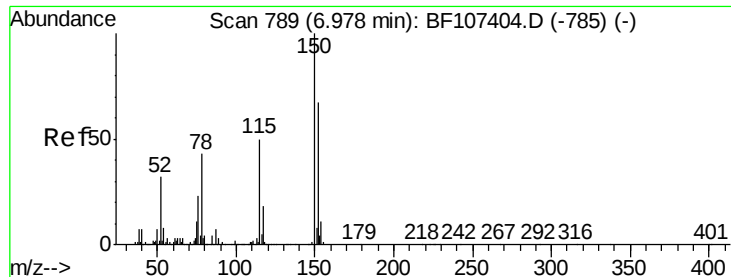
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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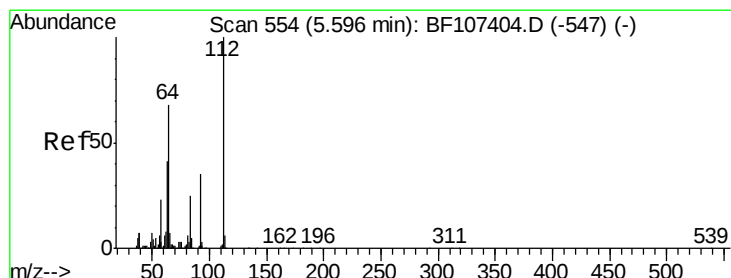
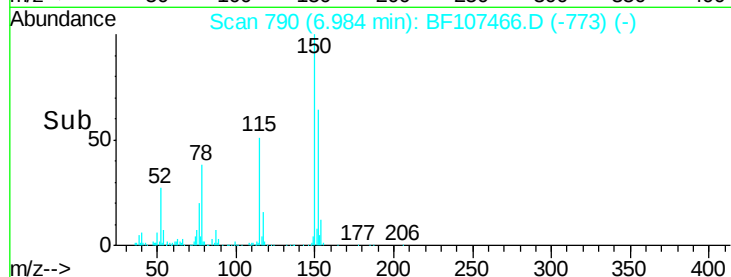
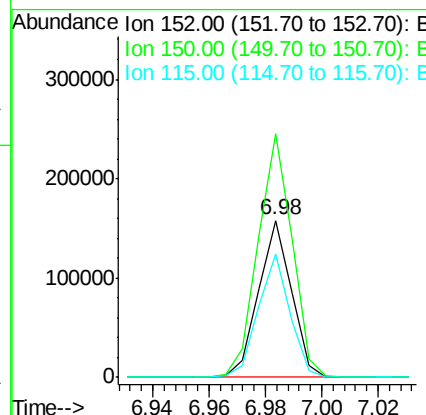
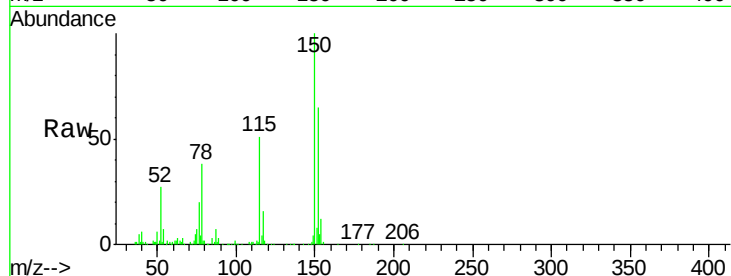


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
PB111180BL

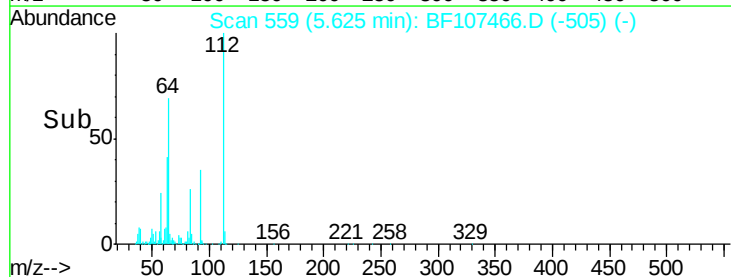
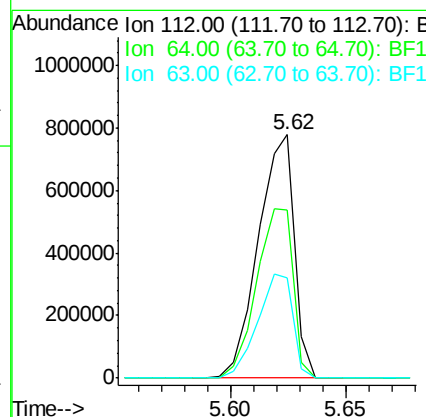
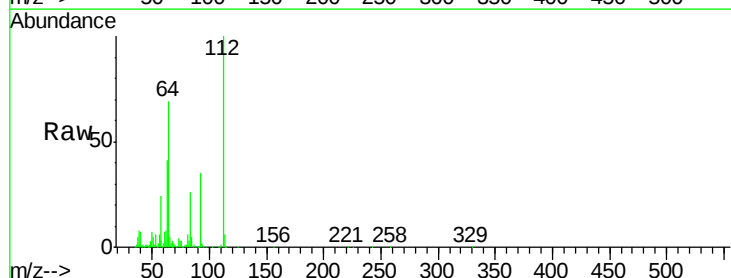
Tgt Ion:152 Resp: 127558
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 78.4 50.1 75.1#

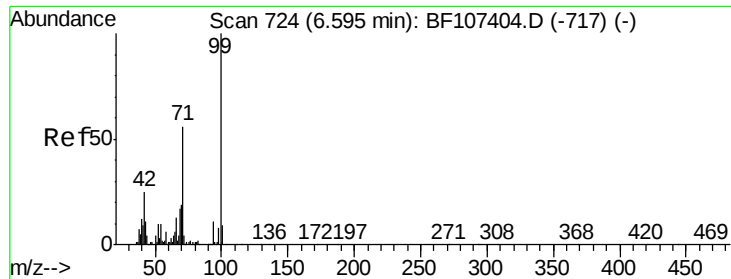


#5

2-Fluorophenol
Concen: 100.882 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Tgt Ion:112 Resp: 847304
Ion Ratio Lower Upper
112 100
64 69.2 47.9 71.9
63 41.1 23.7 35.5#





#7

Phenol-d6

Concen: 100.688 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

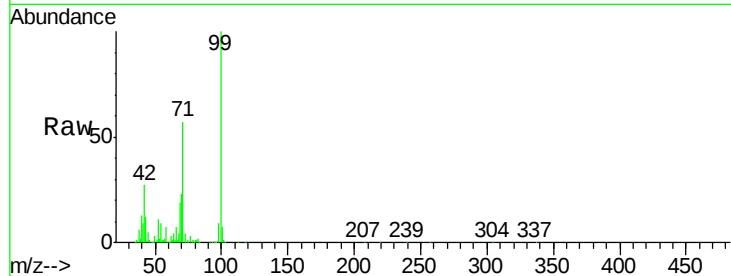
Tgt Ion: 99 Resp: 1093358

Ion Ratio Lower Upper

99 100

42 27.4 14.5 21.7#

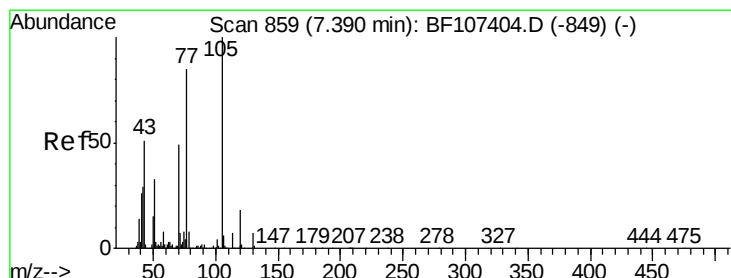
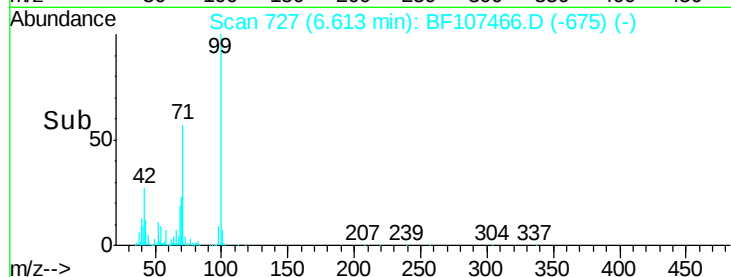
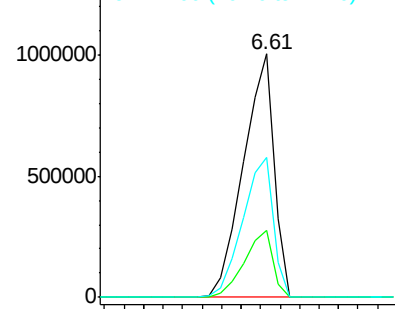
71 57.2 25.4 38.0#



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: 17.148 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Tgt Ion: 70 Resp: 133321

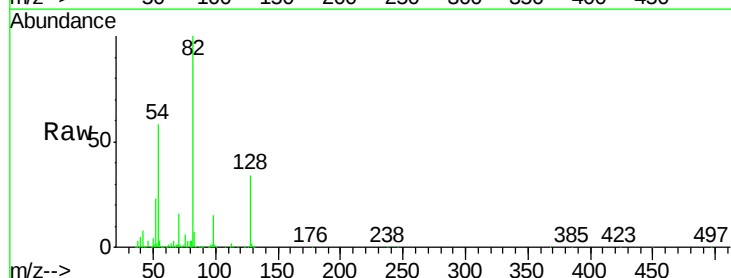
Ion Ratio Lower Upper

70 100

42 46.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

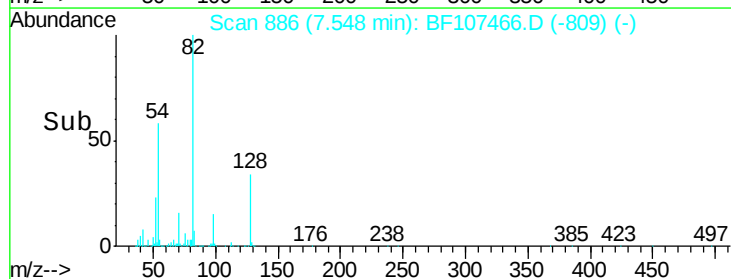
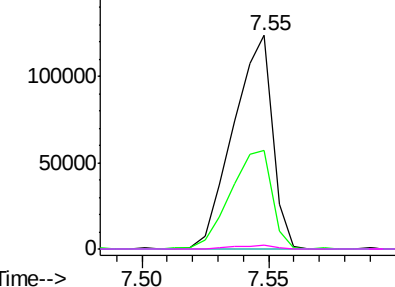


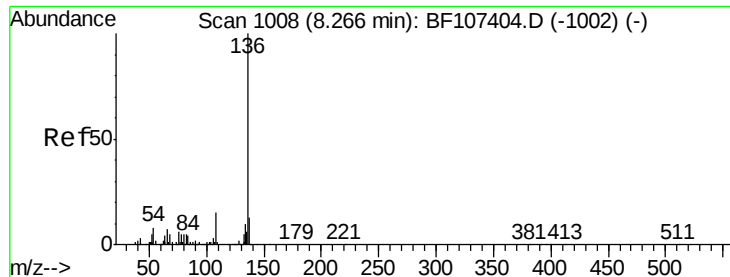
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

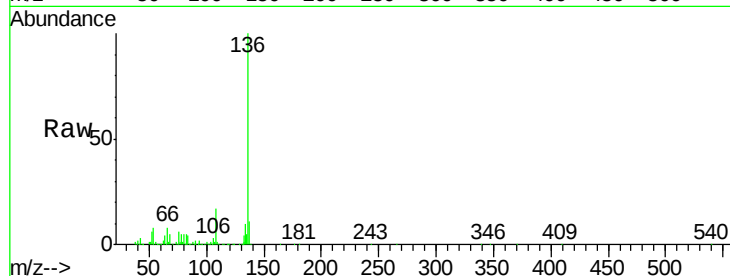




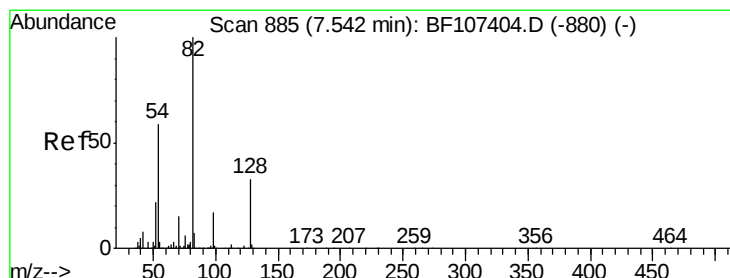
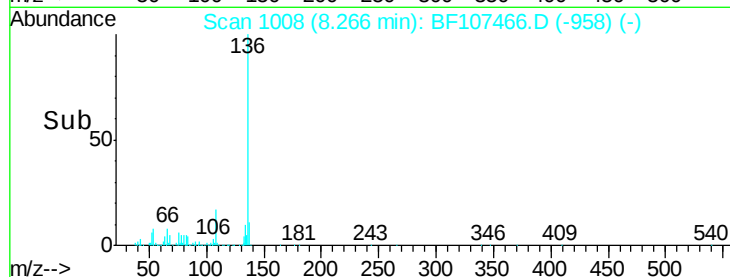
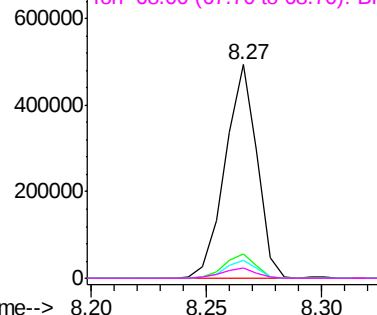
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
PB111180BL

Tgt Ion:	136	Resp:	476393
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.5	6.6	9.8
68	4.8	5.0	7.4#

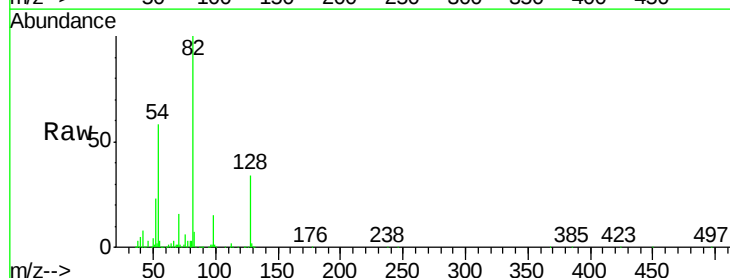


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

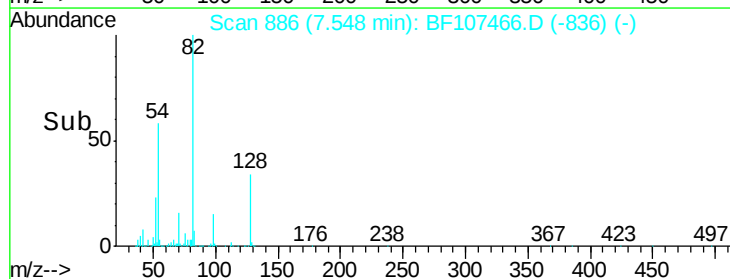
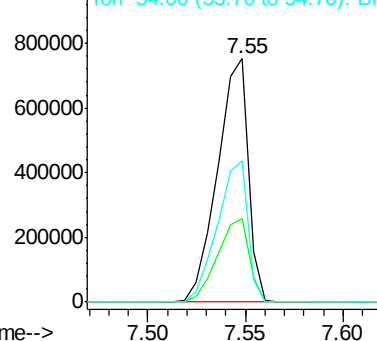


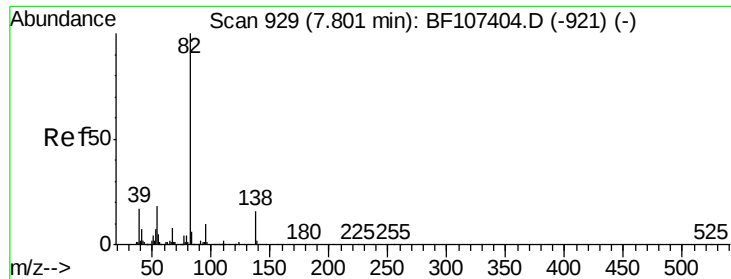
#23
Nitrobenzene-d5
Concen: 92.192 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Tgt Ion:	82	Resp:	823632
Ion	Ratio	Lower	Upper
82	100		
128	34.2	36.1	54.1#
54	58.0	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: 46.511 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

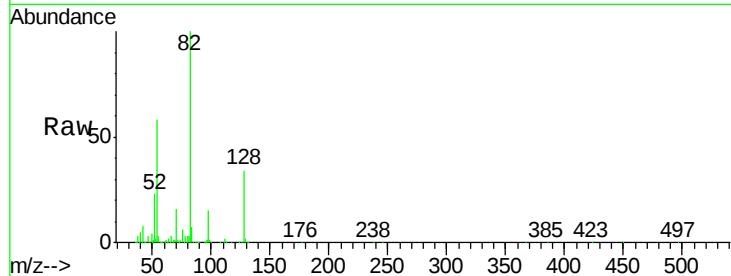
Tgt Ion: 82 Resp: 823618

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



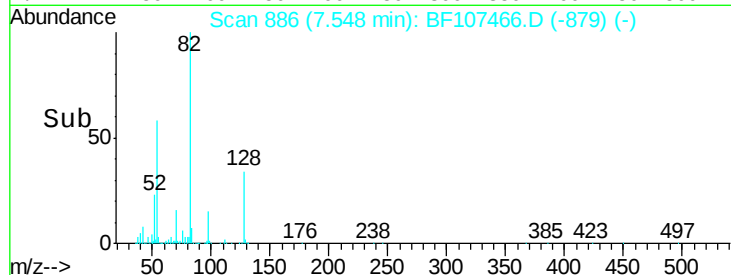
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

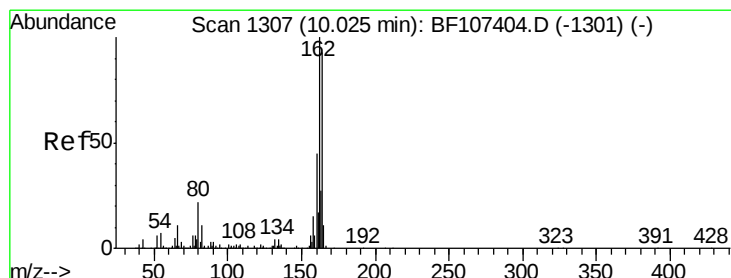
Ion 138.00 (137.70 to 138.70): BF1

7.55

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

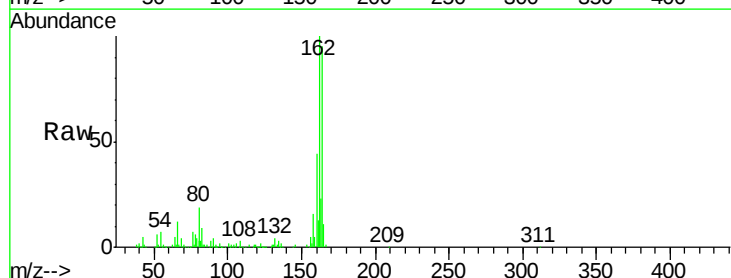
Tgt Ion: 164 Resp: 263632

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

160 46.3 38.3 57.5



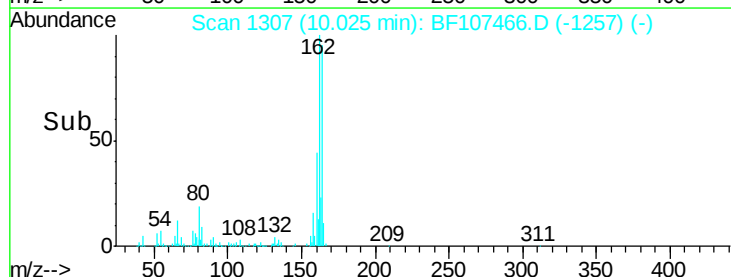
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

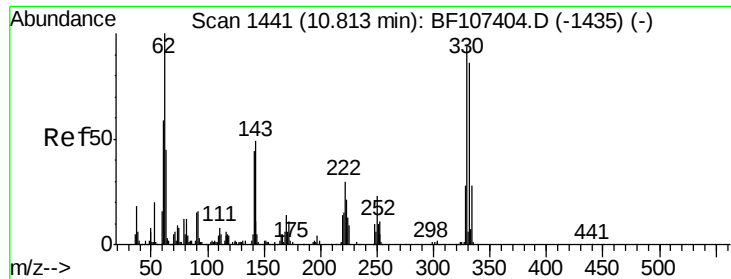
Ion 160.00 (159.70 to 160.70): E

10.02

Time-->



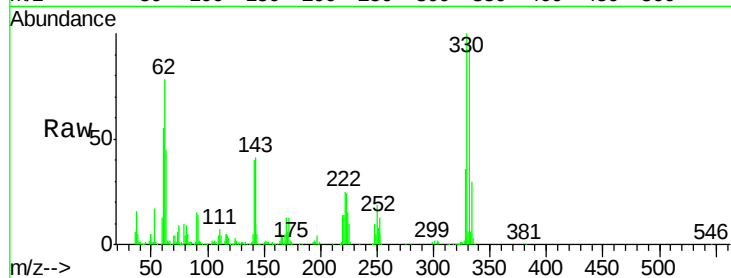
Time-->



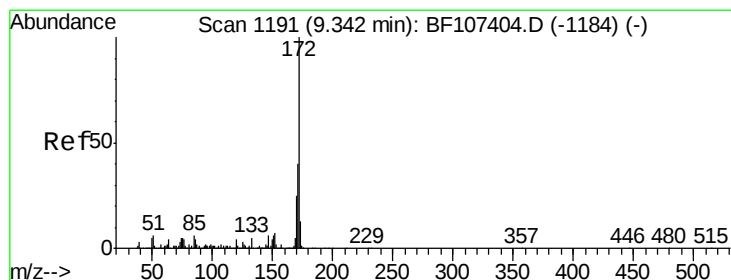
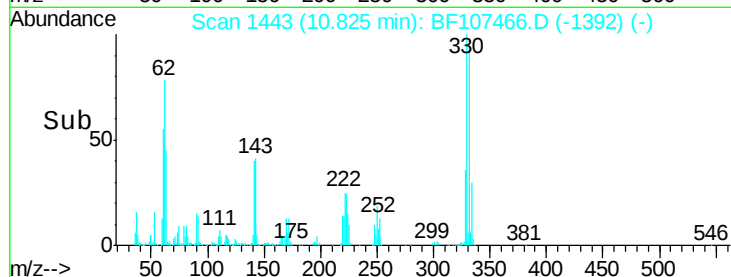
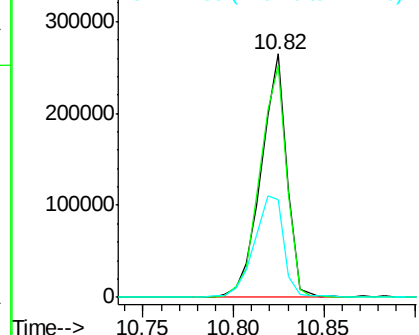
#41
 2,4,6-Tribromophenol
 Concen: 113.476 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

Tgt Ion:330 Resp: 262846
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.0 115.6
 141 48.1 29.9 44.9#

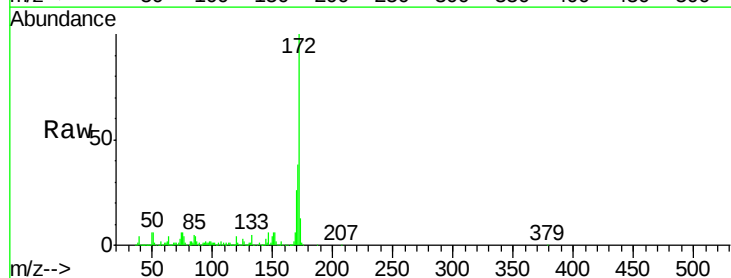


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

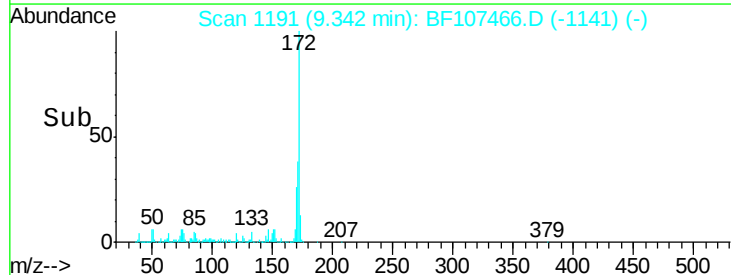
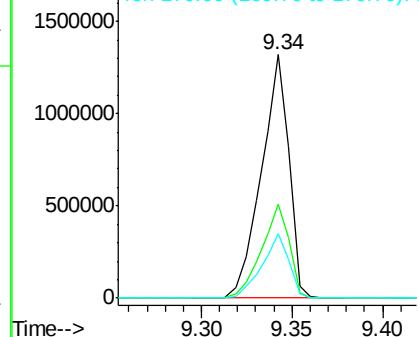


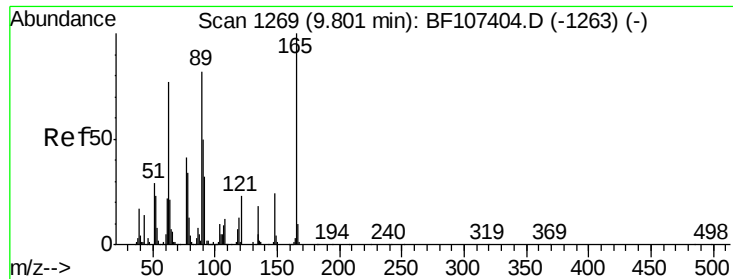
#44
 2-Fluorobiphenyl
 Concen: 88.264 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

Tgt Ion:172 Resp: 1389010
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 26.2 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

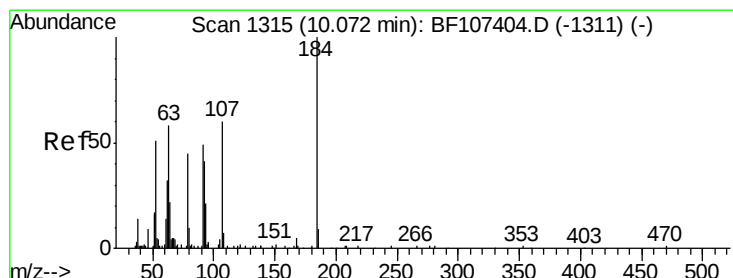
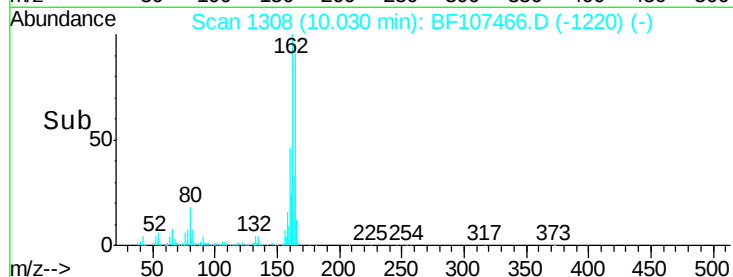
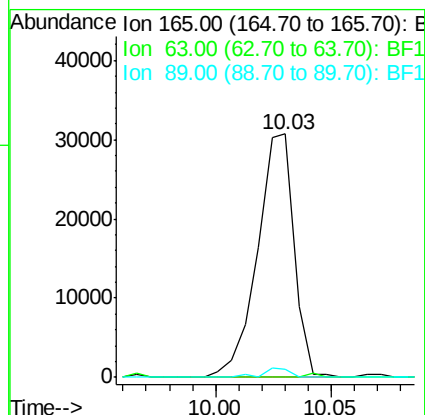
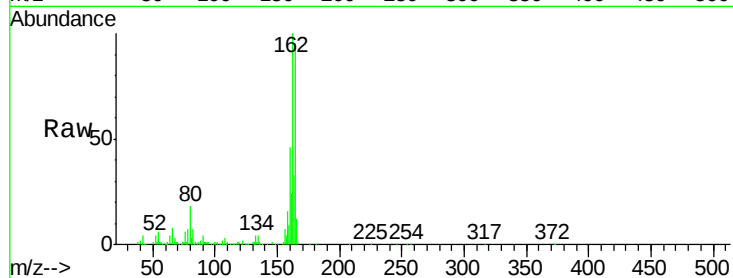




#50
 2,6-Dinitrotoluene
 Concen: 8.524 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.22 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

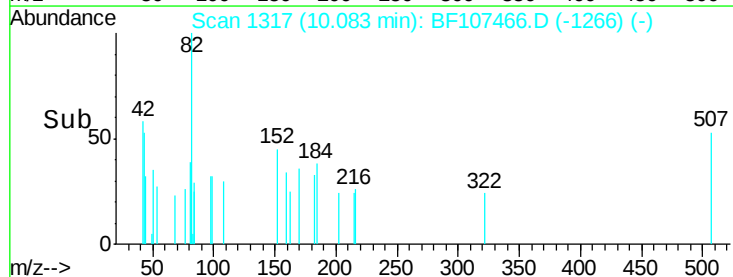
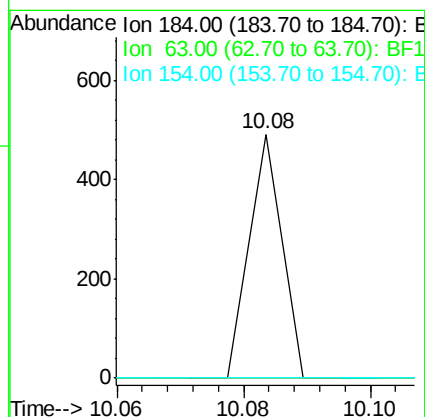
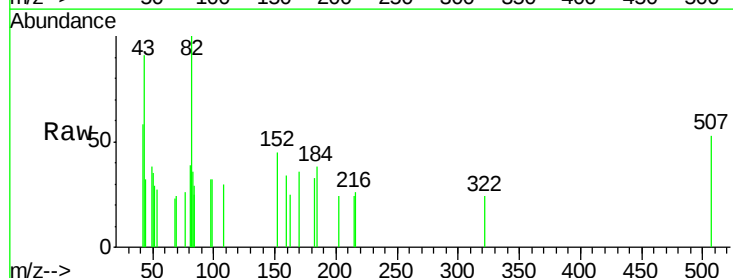
Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

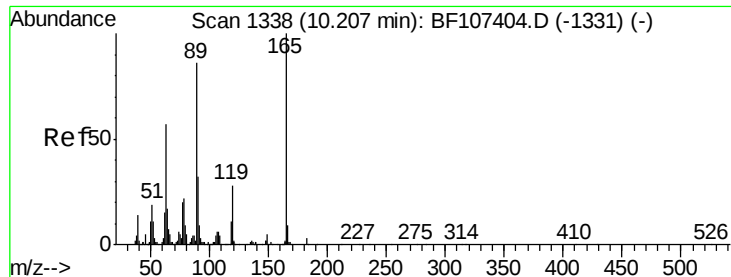
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	3.3	44.0	66.0#



#53
 2,4-Dinitrophenol
 Concen: 2.427 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

Tgt 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: 6.539 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

Tgt Ion:165 Resp: 34069

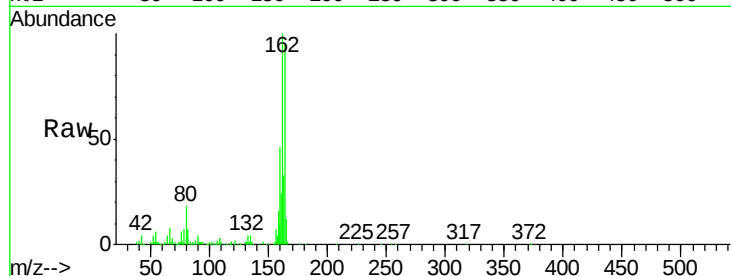
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 3.3 57.8 86.6#

182 0.0 1.6 2.4#

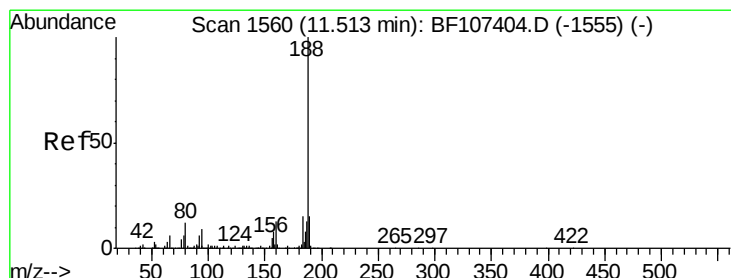
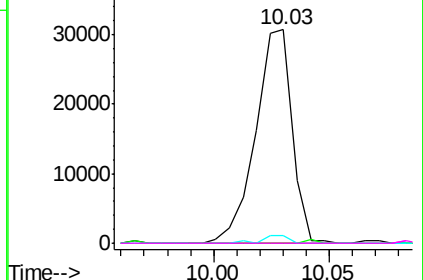
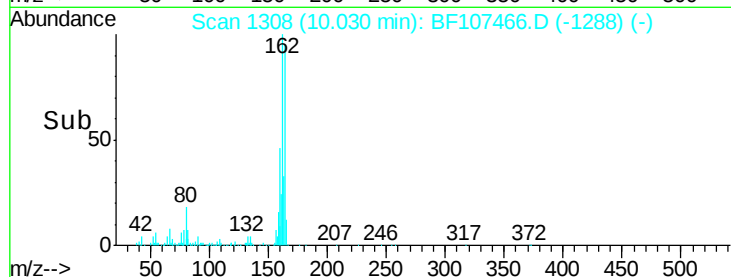


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

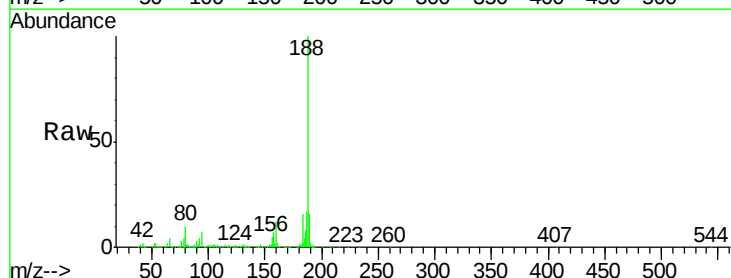
Tgt Ion:188 Resp: 590973

Ion Ratio Lower Upper

188 100

94 7.2 8.5 12.7#

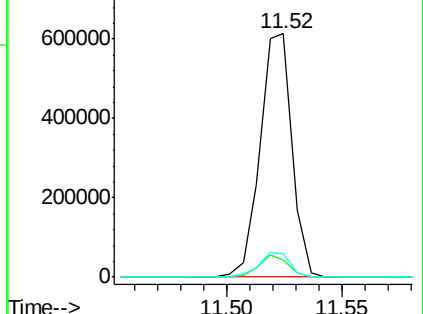
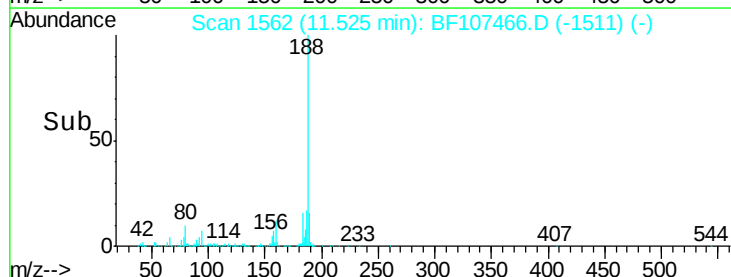
80 9.8 9.2 13.8

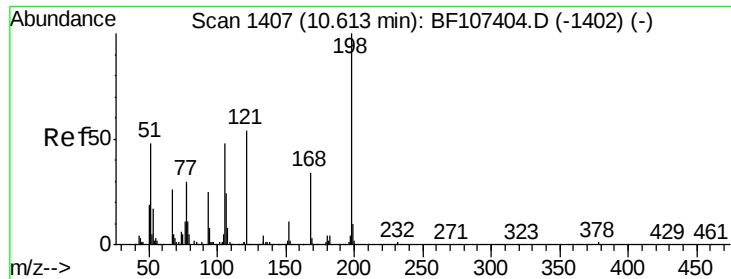


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

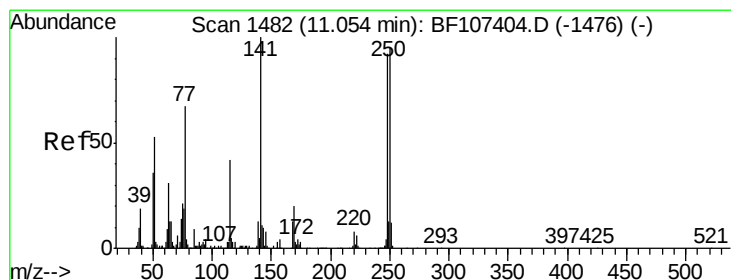
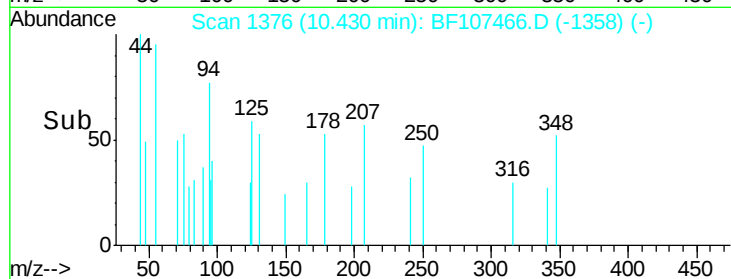
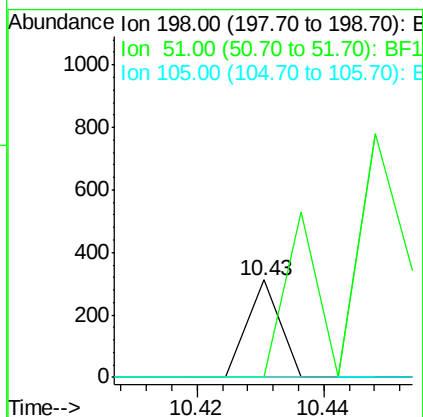
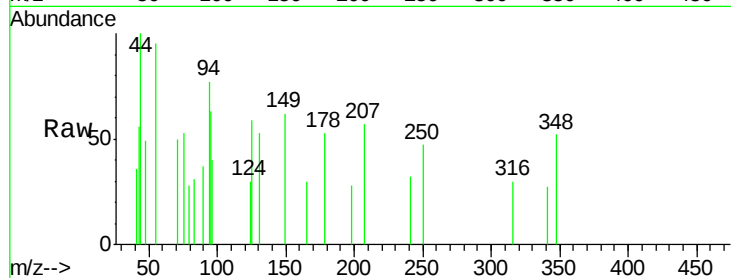




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.518 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. -0.19 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

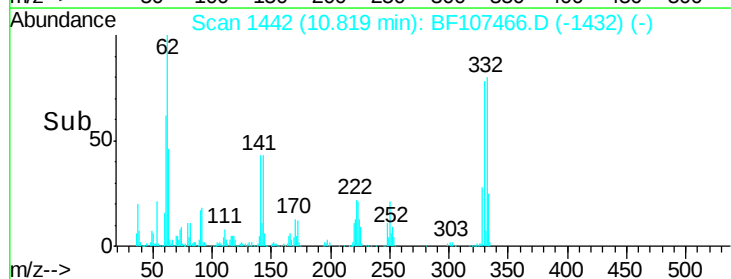
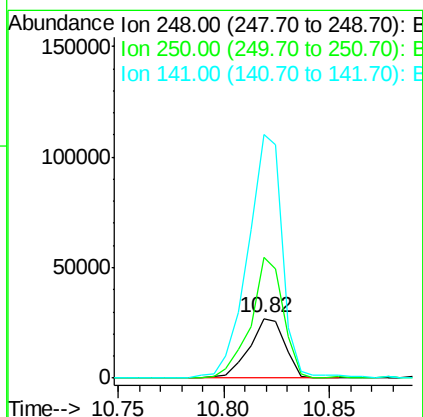
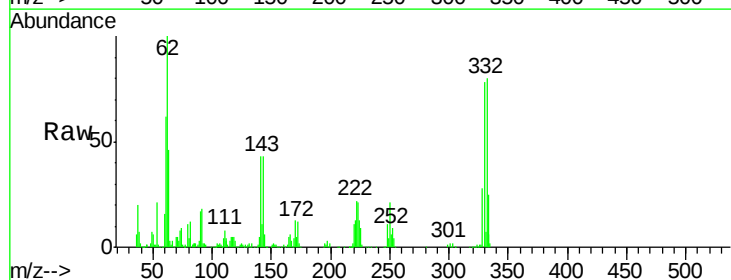
Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

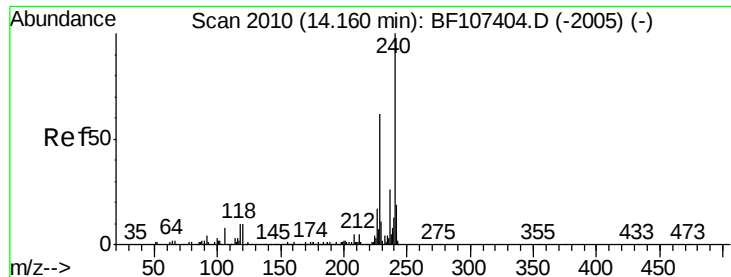
Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.678 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF107466.D
 Acq: 18 Jul 2018 10:14

Tgt Ion:248 Resp: 31628
 Ion Ratio Lower Upper
 248 100
 250 201.6 76.9 115.3#
 141 406.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

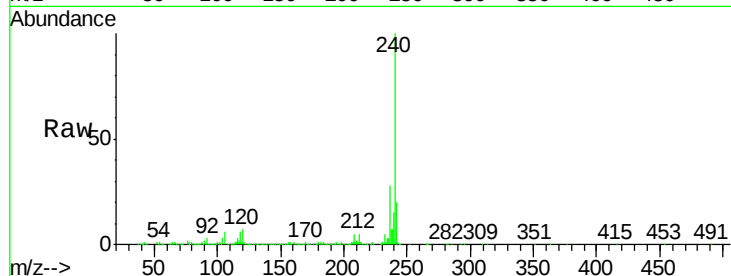
Tgt Ion:240 Resp: 549742

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

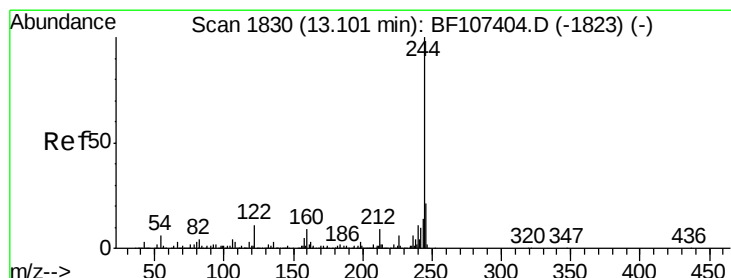
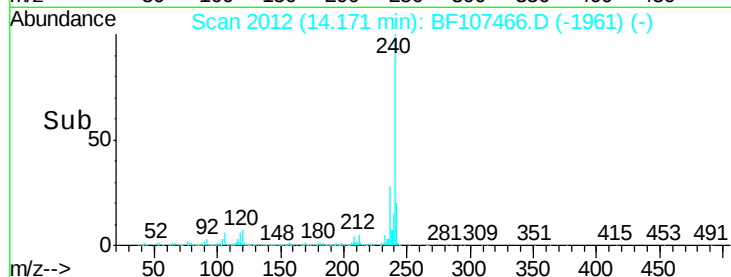
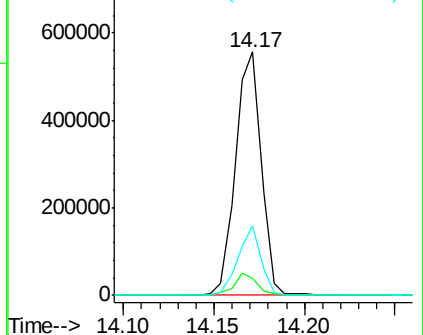
236 28.4 20.7 31.1



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: 75.146 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

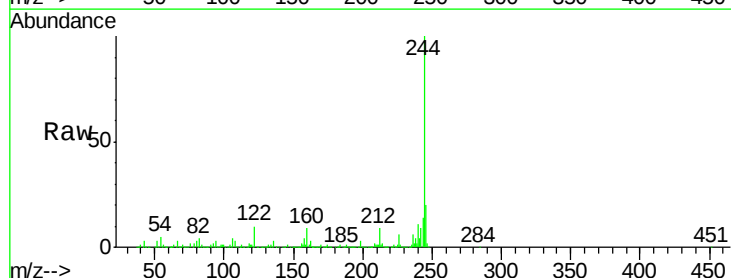
Tgt Ion:244 Resp: 1662703

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

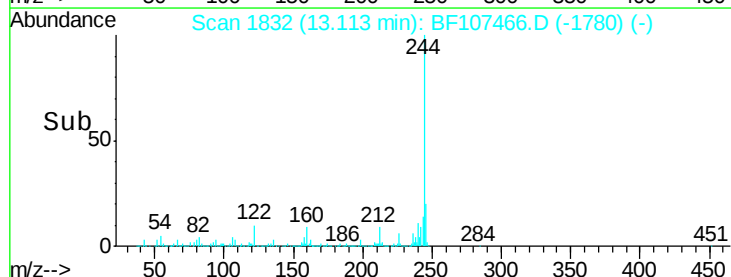
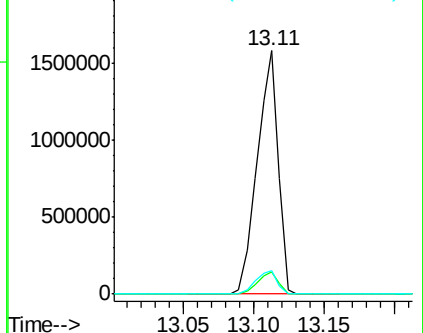
122 9.5 11.0 16.4#

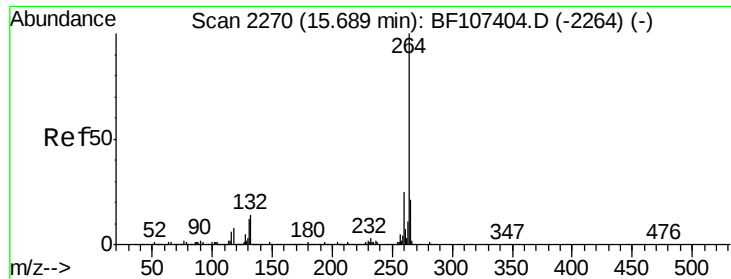


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107466.D
Acq: 18 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
PB111180BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.2	28.8
265	23.2	17.5	26.3

