

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107700.D
 Acq On : 26 Jul 2018 15:30
 Operator : JU/SJ
 Sample : PB111479BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BL

Quant Time: Jul 26 16:10:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

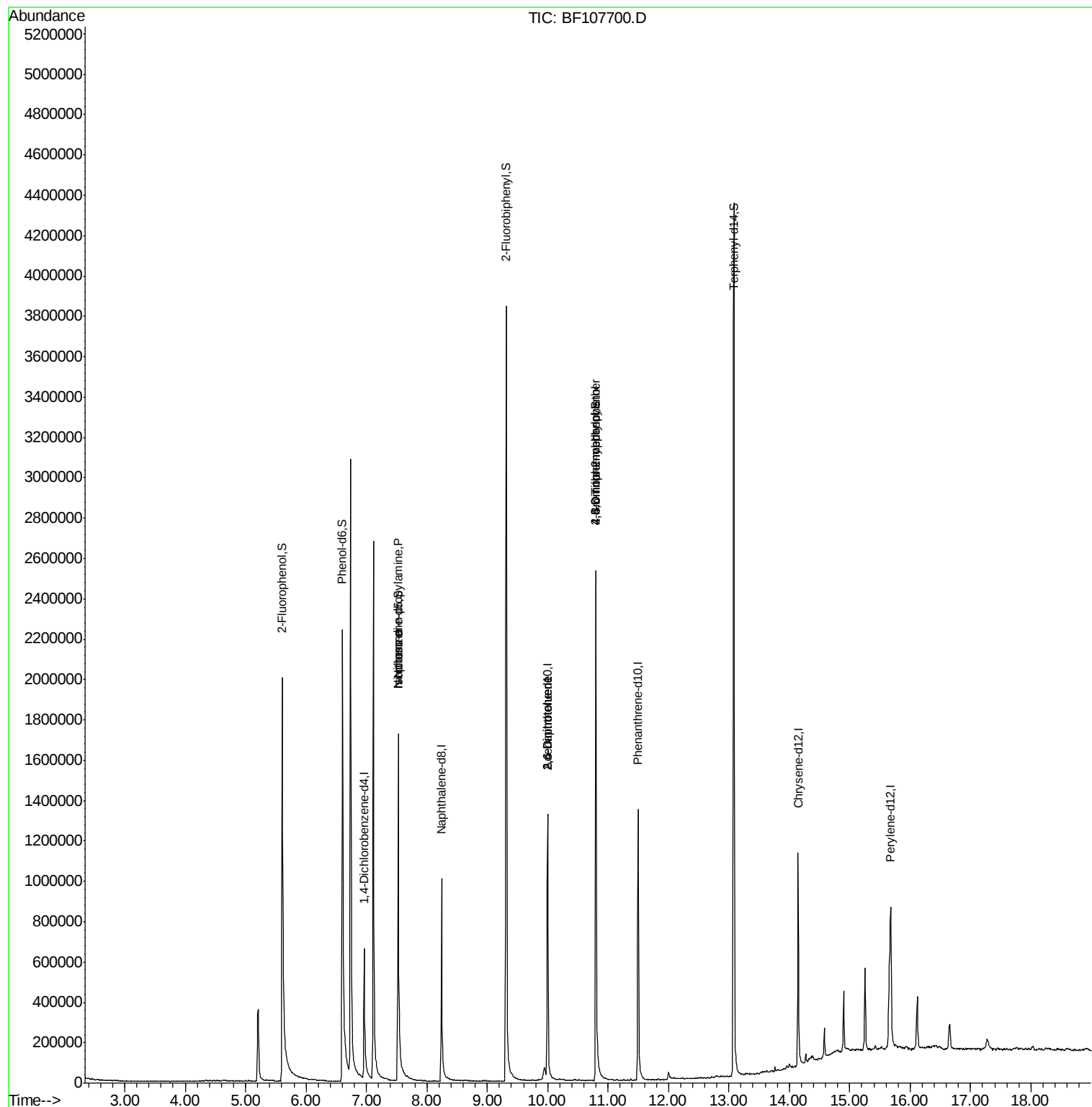
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153954	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	630860	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	294921	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	640471	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	459082	20.00	ng	-0.02
86) Perylene-d12	15.68	264	424854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1054386	110.11	ng	0.00
7) Phenol-d6	6.60	99	1296329	112.75	ng	-0.01
23) Nitrobenzene-d5	7.52	82	812268	86.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	445858	132.94	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1610333	97.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1752659	97.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	101272	13.635	ng	# 80
25) Isophorone	7.52	82	812264	40.696	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	38975	8.832	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	39178	7.355	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	858	8.908	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25920	3.438	ng	# 1
73) Di-n-butylphthalate	12.04	149	2036	Below Cal		# 68

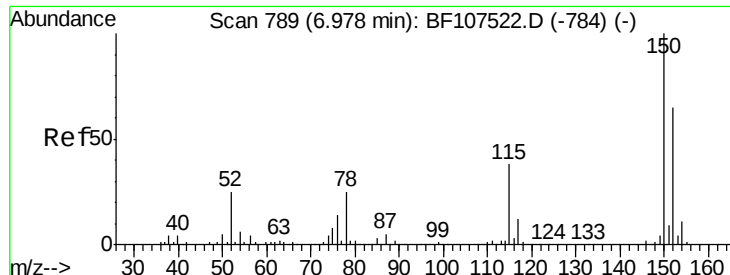
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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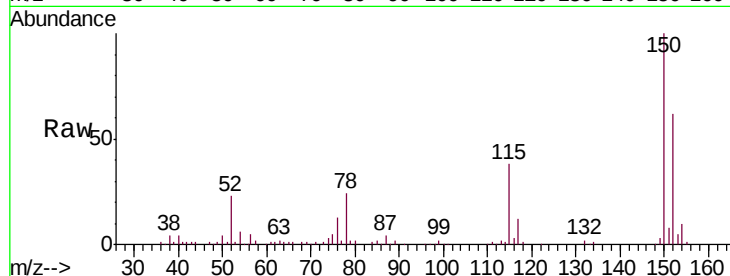


#1

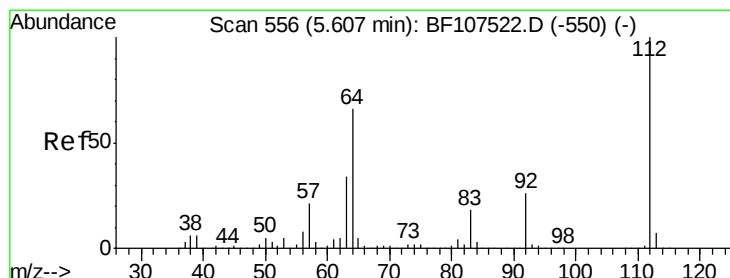
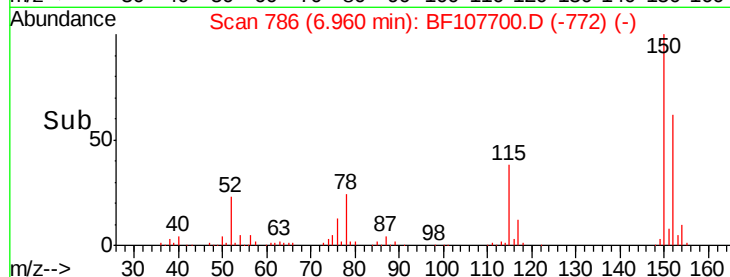
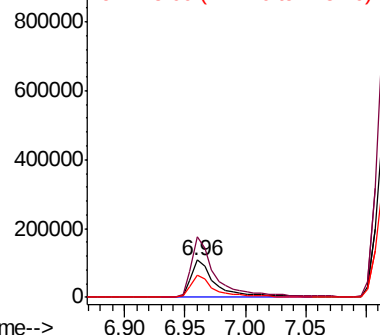
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Instrument :
BNA_F
ClientSampleId :
PB111479BL

Tgt Ion:152 Resp: 153954
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 60.9 50.1 75.1



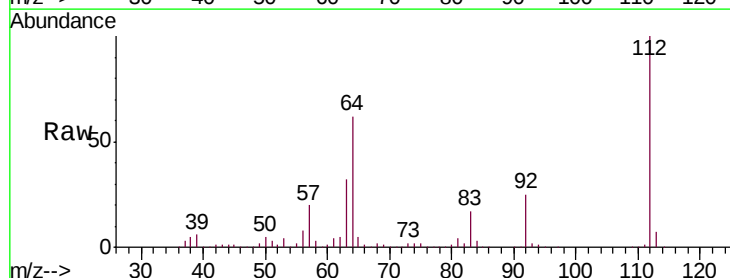
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



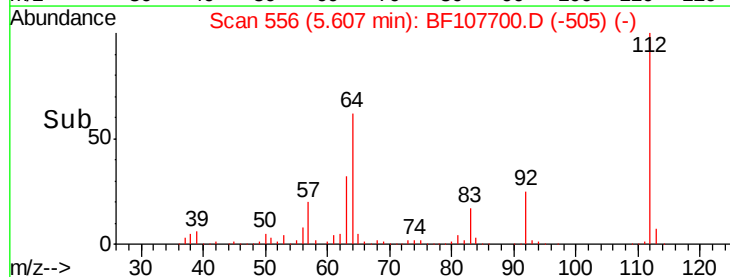
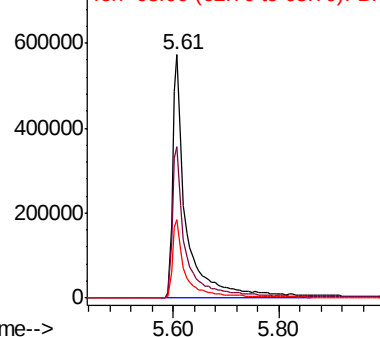
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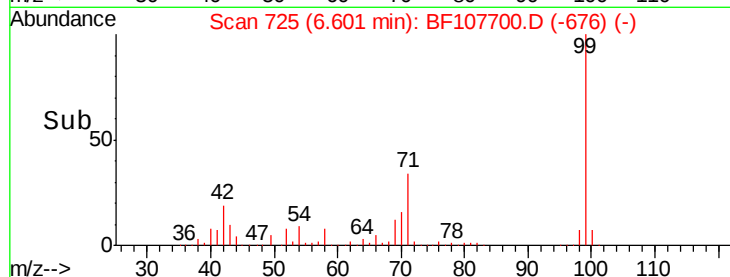
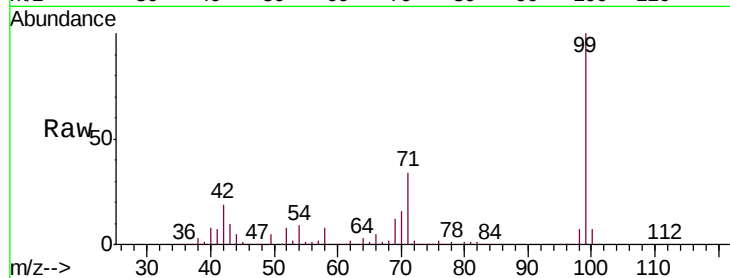
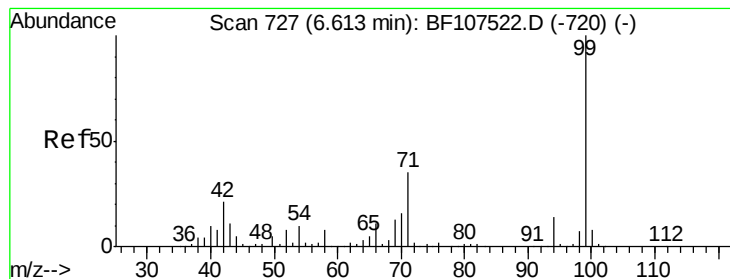
2-Fluorophenol
Concen: 110.114 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:112 Resp: 1054386
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.1 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: 112.748 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Instrument :

BNA_F

ClientSampleId :

PB111479BL

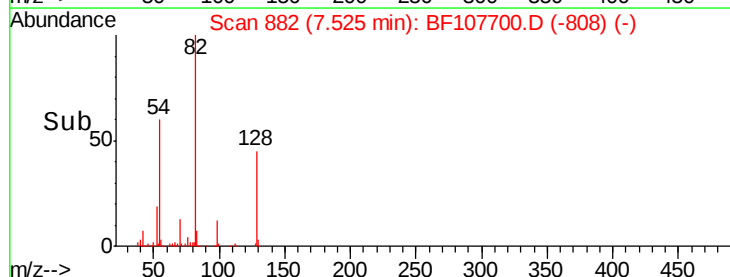
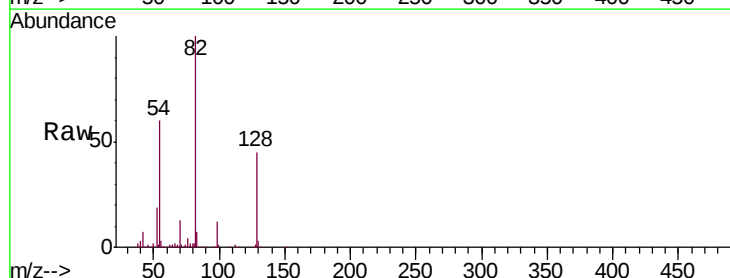
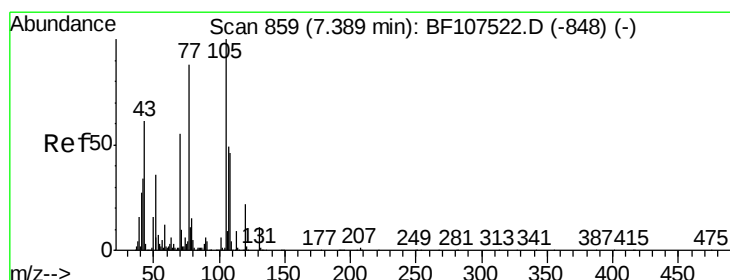
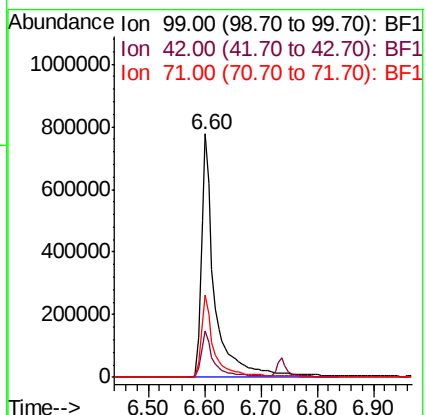
Tgt Ion: 99 Resp: 1296329

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.635 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Tgt Ion: 70 Resp: 101272

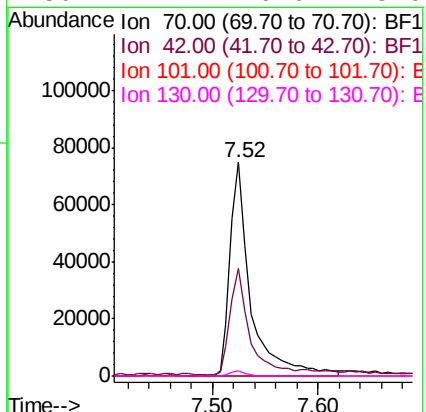
Ion Ratio Lower Upper

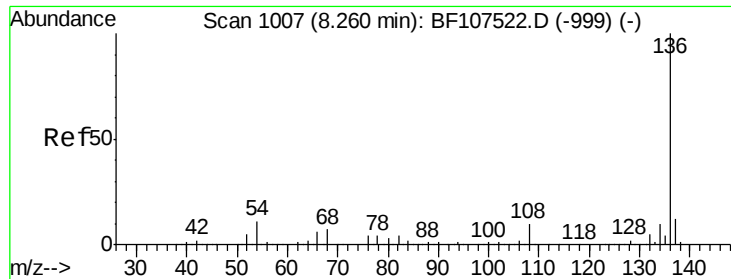
70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

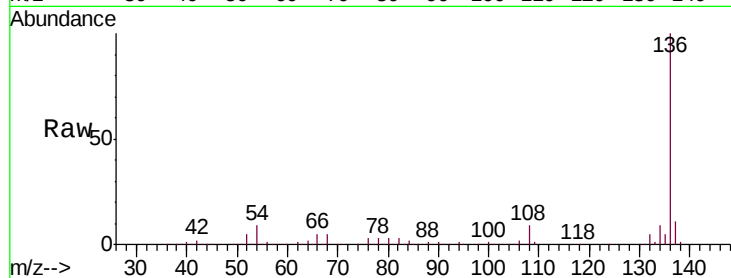




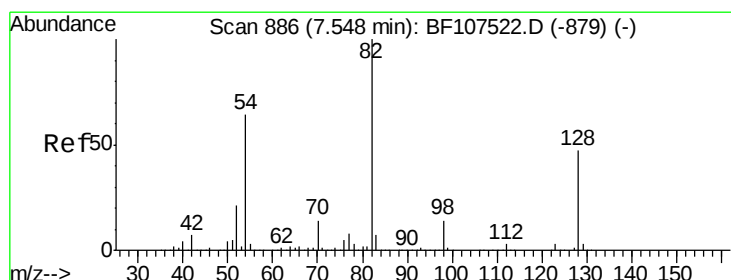
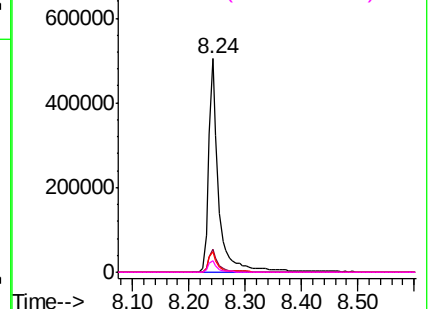
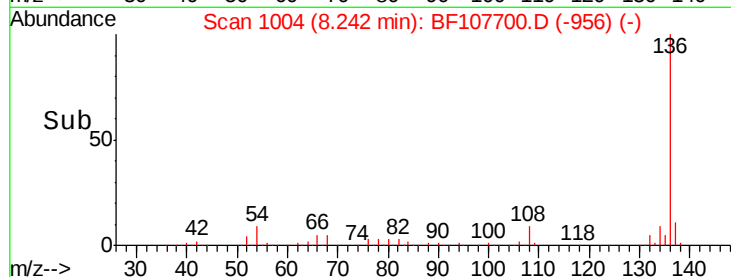
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Instrument :
BNA_F
ClientSampleId :
PB111479BL

Tgt Ion:	136	Resp:	630860
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	5.5	5.0	7.4

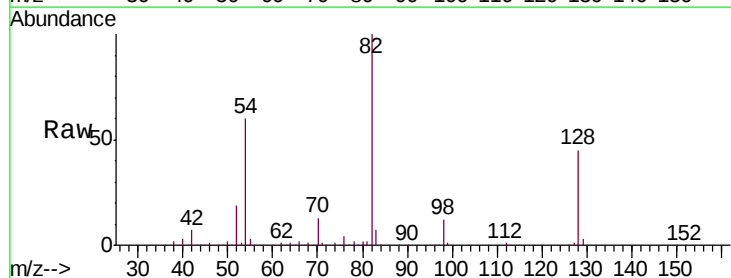


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

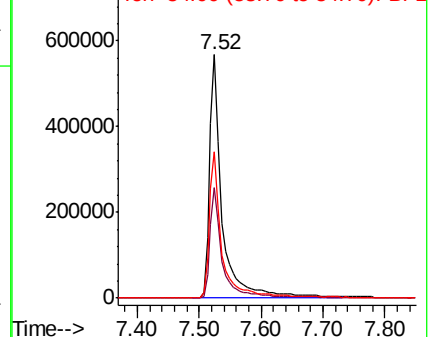
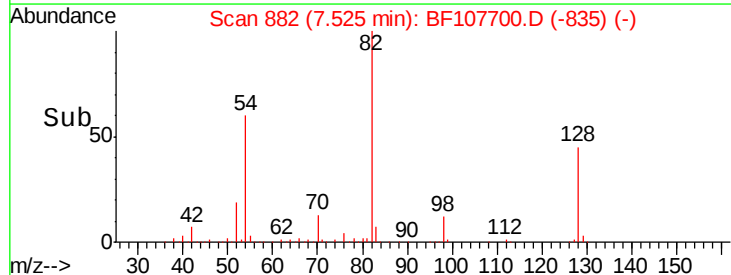


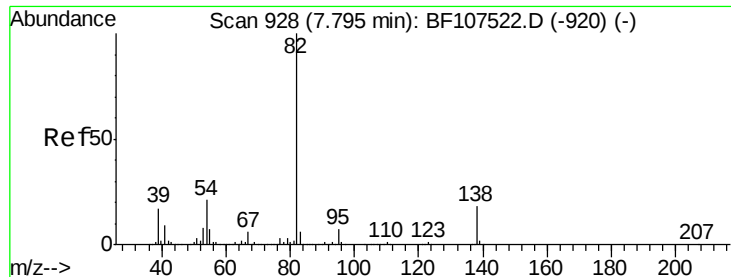
#23
Nitrobenzene-d5
Concen: 86.894 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:	82	Resp:	812268
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	60.2	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

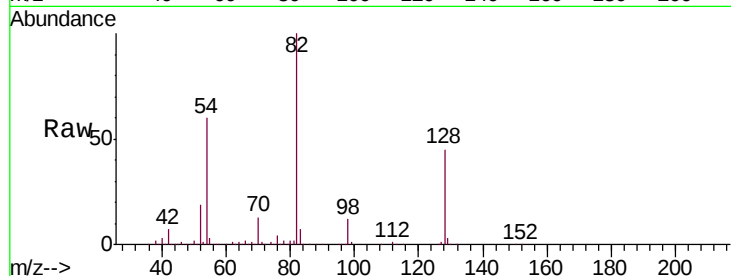




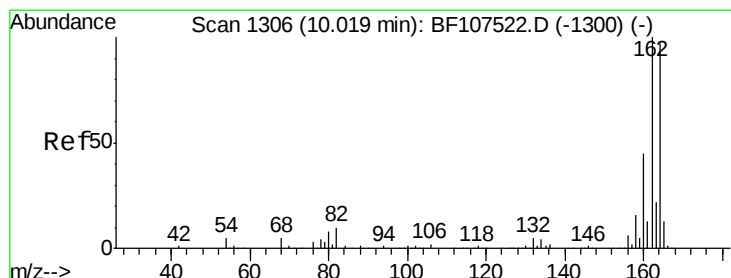
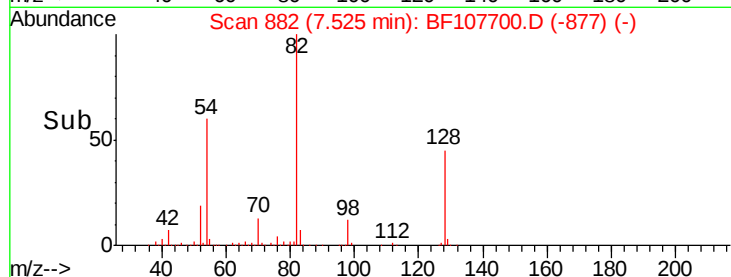
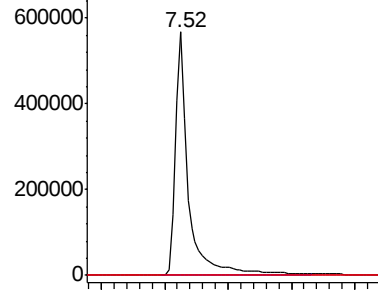
#25
Isophorone
Concen: 40.696 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Instrument :
BNA_F
ClientSampleId :
PB111479BL

Tgt Ion: 82 Resp: 812264
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#

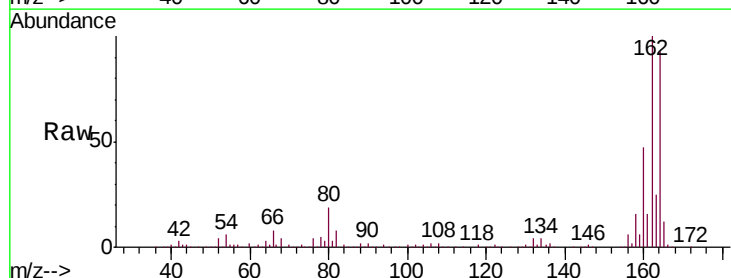


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

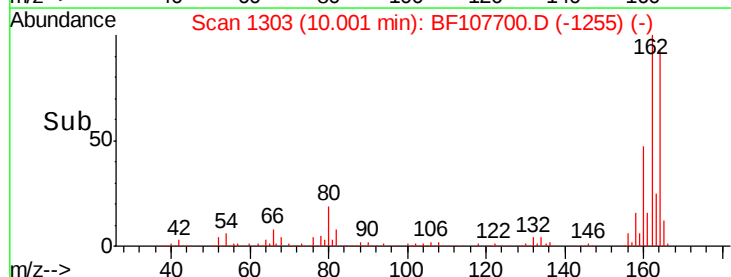
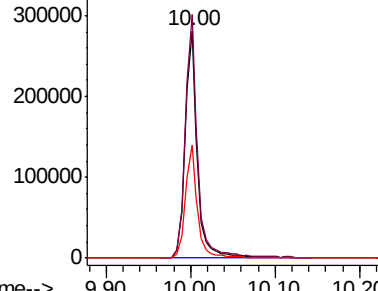


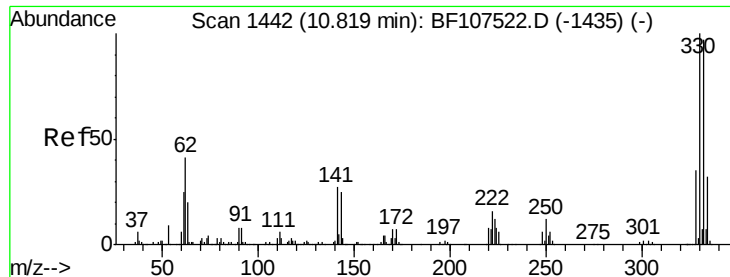
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:164 Resp: 294921
Ion Ratio Lower Upper
164 100
162 107.2 86.1 129.1
160 50.0 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

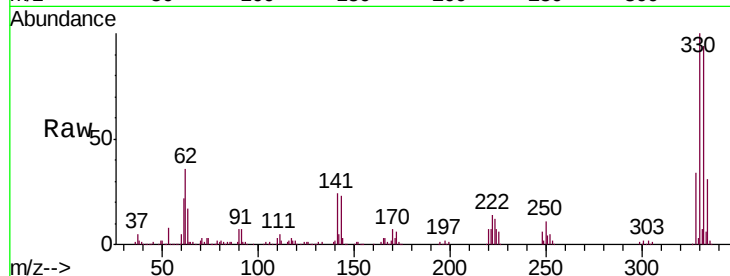




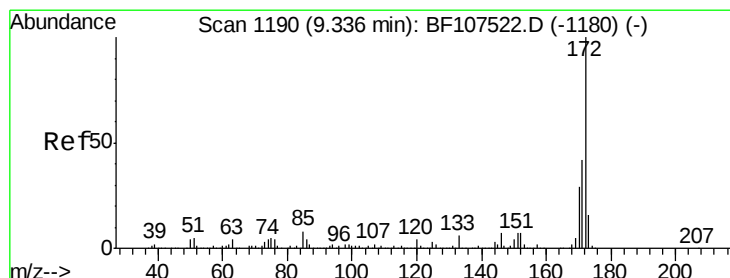
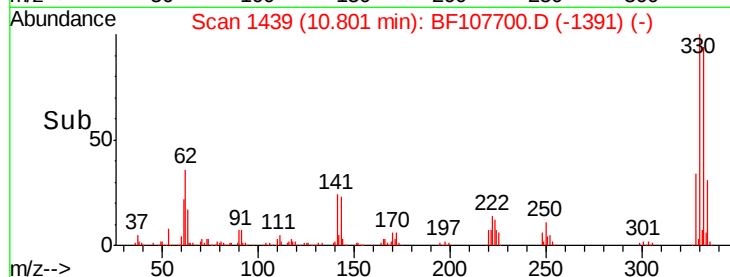
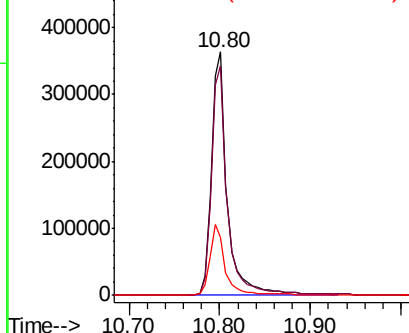
#41
 2,4,6-Tribromophenol
 Concen: 132.945 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 445858
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.6 29.9 44.9#

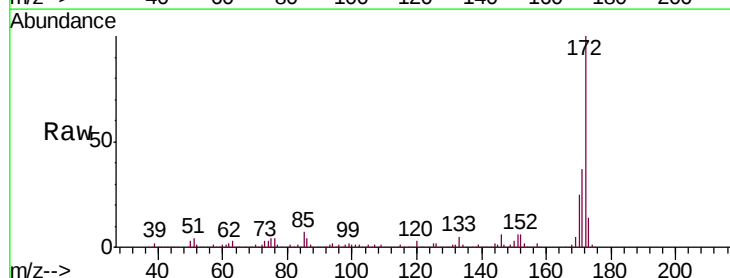


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

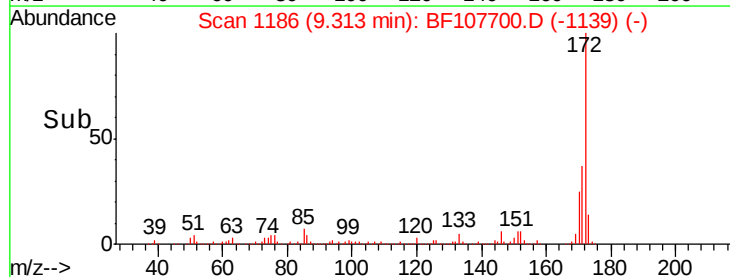
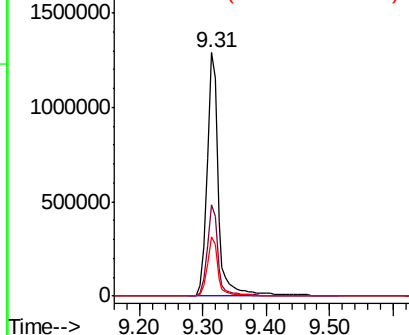


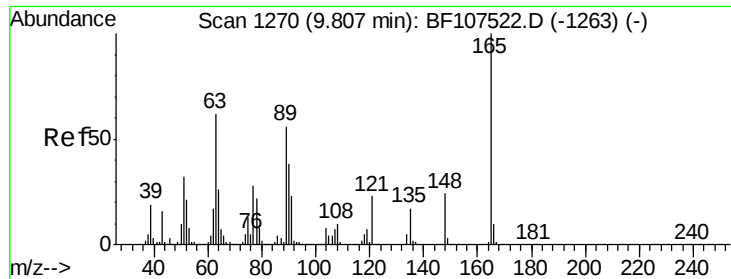
#44
 2-Fluorobiphenyl
 Concen: 97.222 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Tgt Ion:172 Resp: 1610333
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

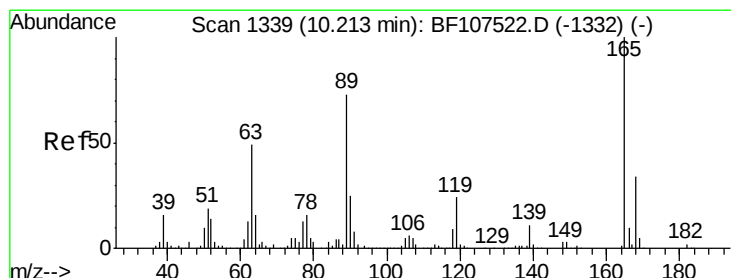
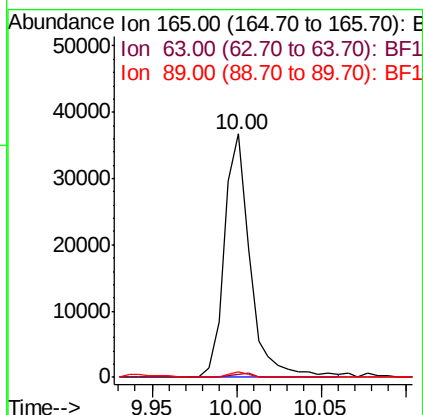
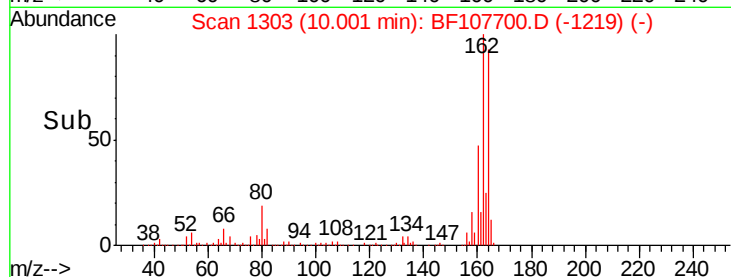
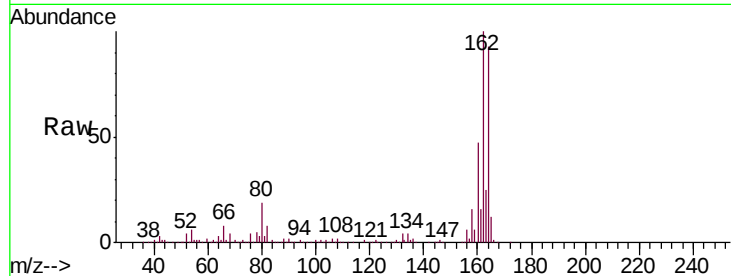




#50
2,6-Dinitrotoluene
Concen: 8.832 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

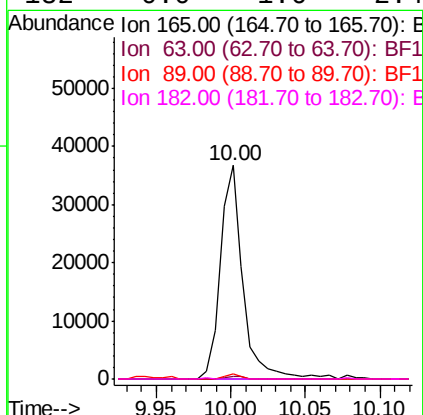
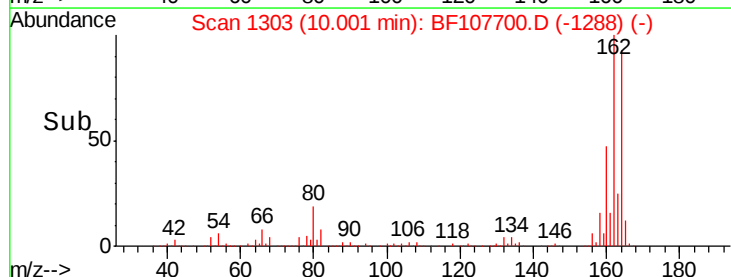
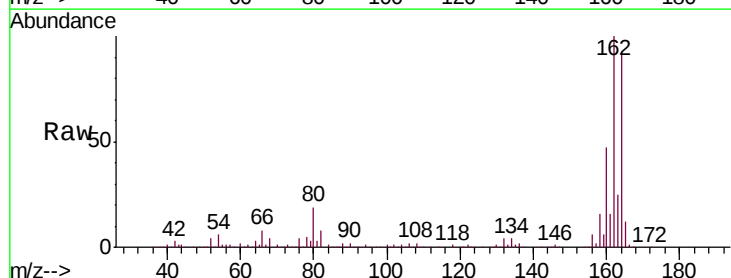
Instrument :
BNA_F
ClientSampleId :
PB111479BL

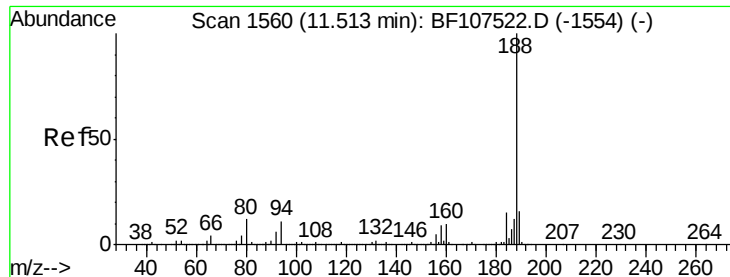
Tgt Ion:165 Resp: 38975
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 2.2 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 7.355 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:165 Resp: 39178
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 2.2 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Instrument :

BNA_F

ClientSampleId :

PB111479BL

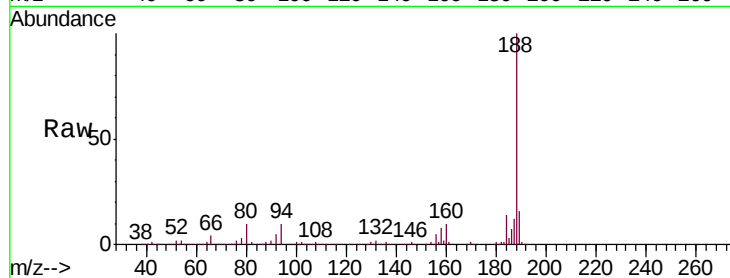
Tgt Ion:188 Resp: 640471

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

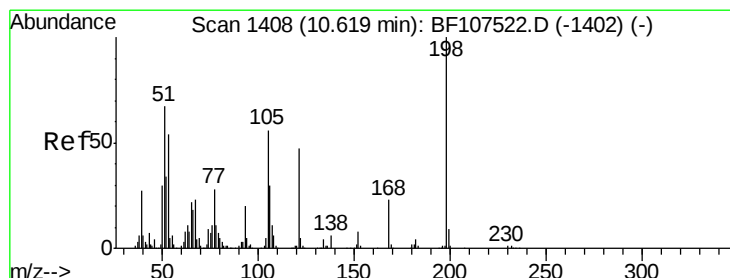
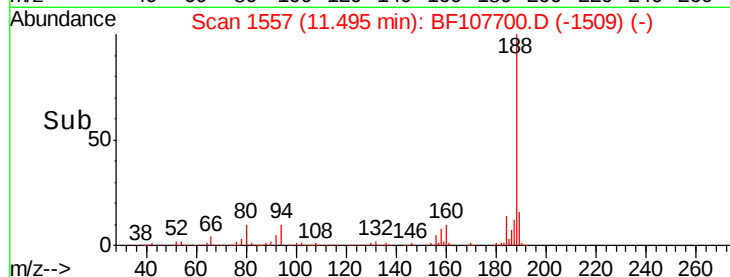
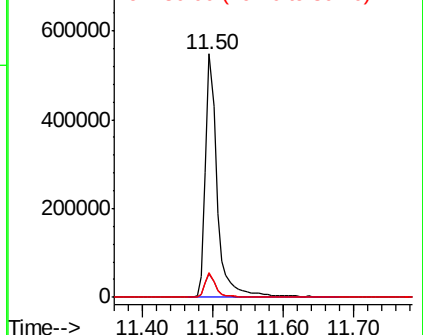
80 10.0 9.2 13.8



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: 8.908 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

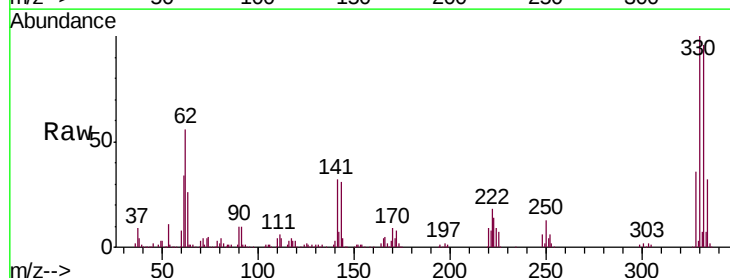
Tgt Ion:198 Resp: 858

Ion Ratio Lower Upper

198 100

51 189.5 37.7 77.7#

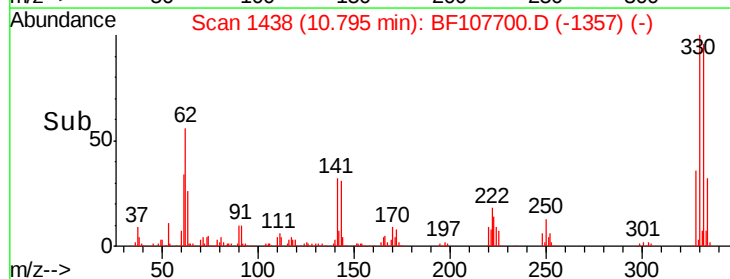
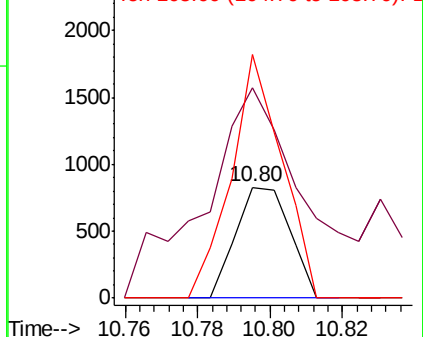
105 219.5 36.3 76.3#

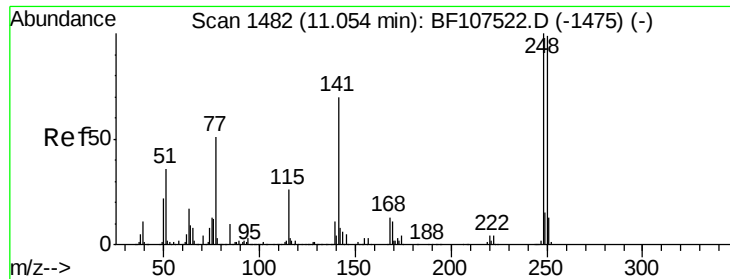


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

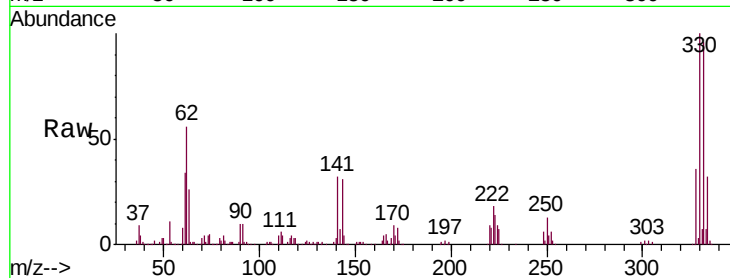




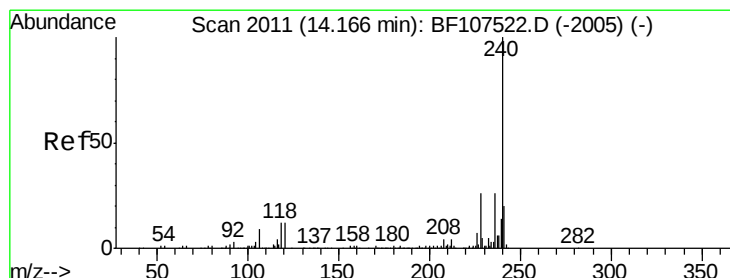
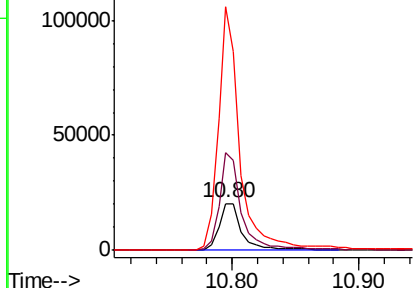
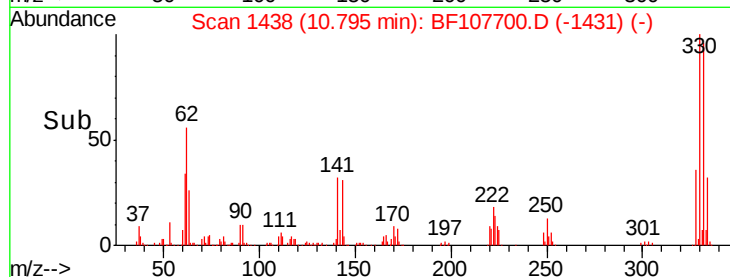
#66
 4-Bromophenyl-phenylether
 Concen: 3.438 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Instrument :
 BNA_F
 ClientSampled :
 PB111479BL

Tgt Ion:248 Resp: 25920
 Ion Ratio Lower Upper
 248 100
 250 207.7 76.9 115.3#
 141 518.1 74.4 111.6#

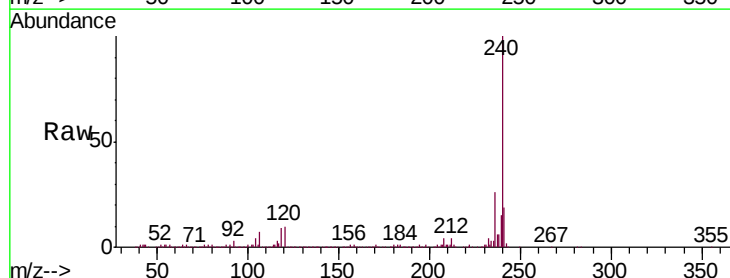


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

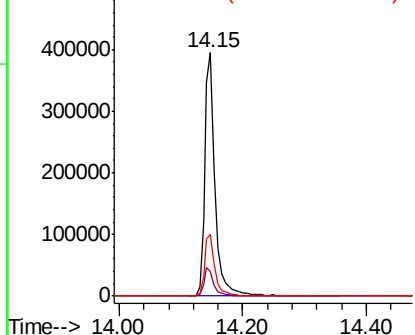
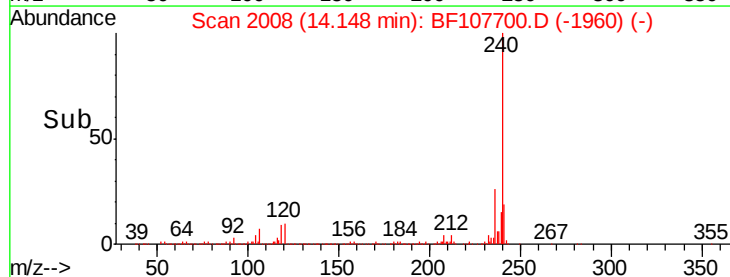


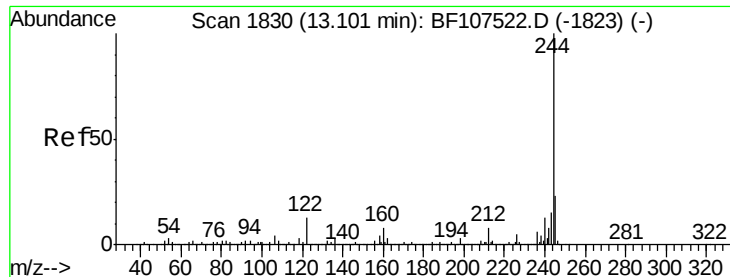
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Tgt Ion:240 Resp: 459082
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 25.6 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: 97.738 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Instrument :

BNA_F

ClientSampleId :

PB111479BL

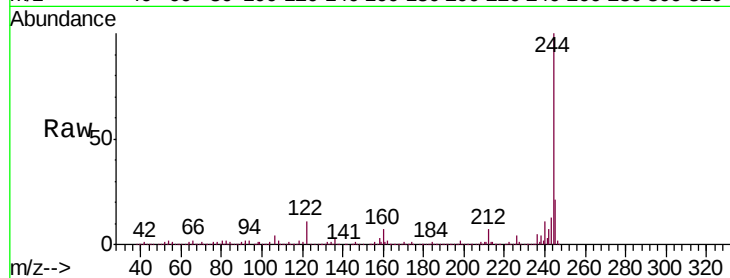
Tgt Ion:244 Resp: 1752659

Ion Ratio Lower Upper

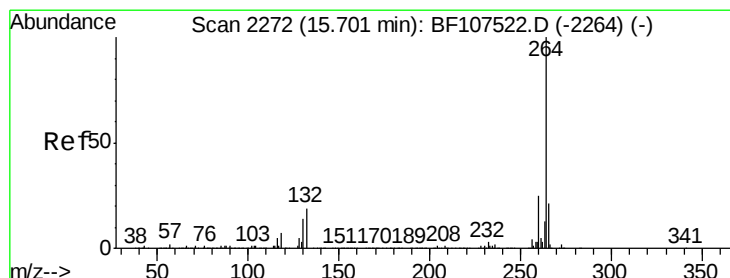
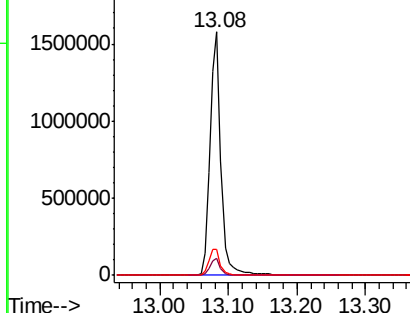
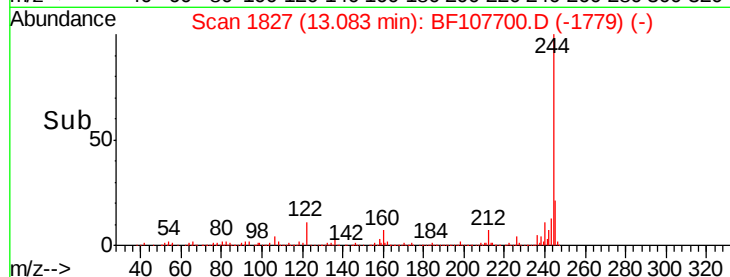
244 100

212 6.9 5.4 8.0

122 10.8 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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

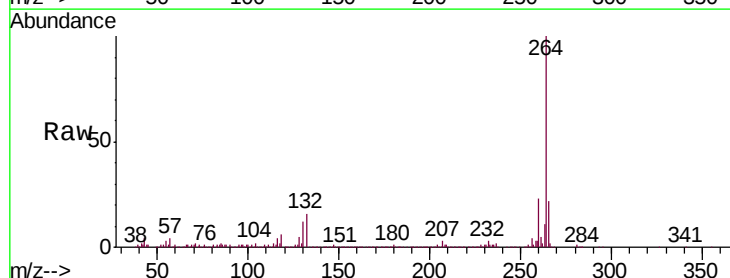
Tgt Ion:264 Resp: 424854

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

