

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107391.D
 Acq On : 14 Jul 2018 3:08
 Operator : JU/SJ
 Sample : J3970-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-U-M

Quant Time: Jul 14 04:33:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

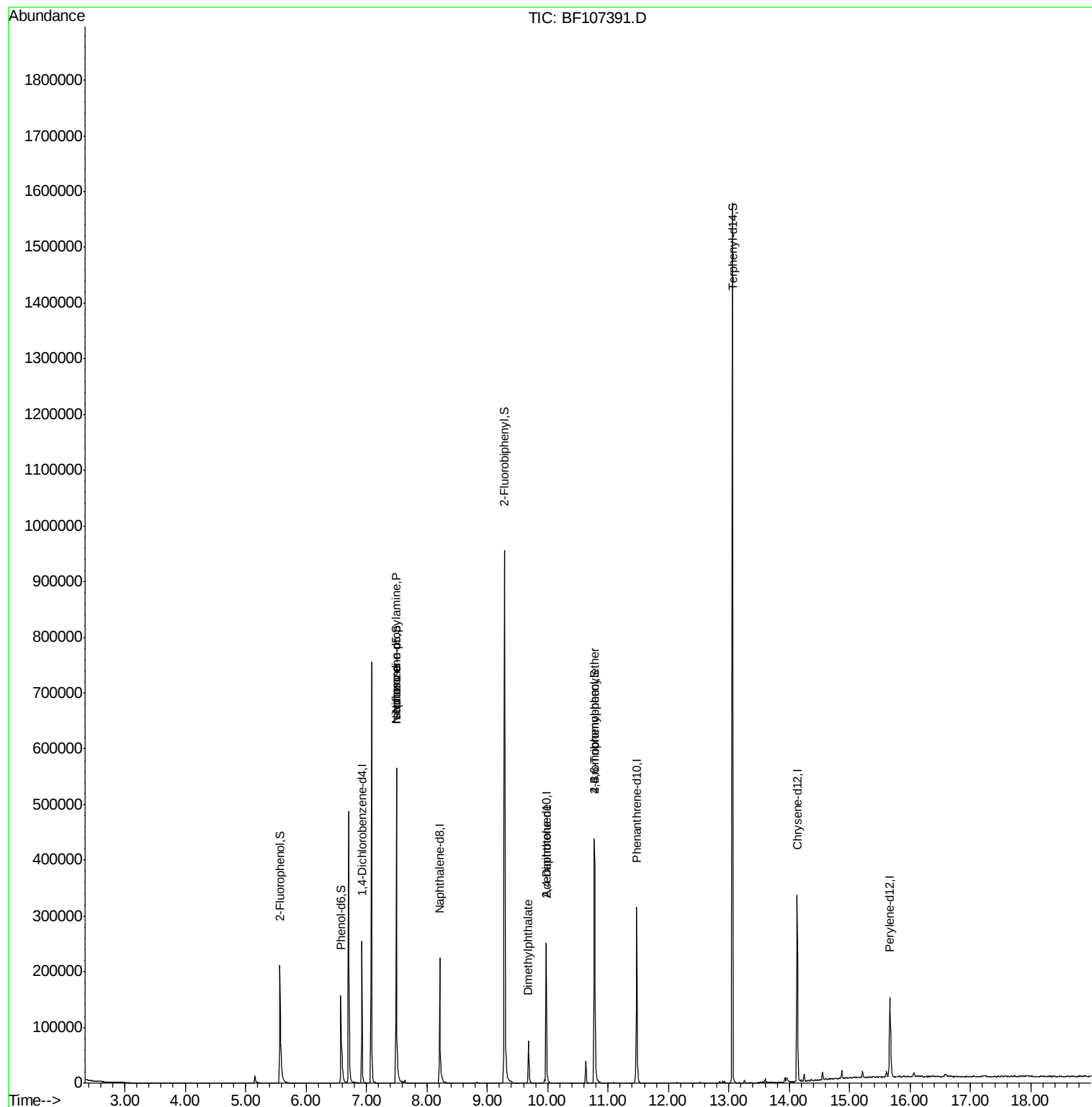
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	39587	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	133851	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	64691	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	146020	20.00	ng	0.00
75) Chrysene-d12	14.13	240	136058	20.00	ng	0.00
86) Perylene-d12	15.67	264	93636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	95999	41.06	ng	0.00
7) Phenol-d6	6.58	99	76067	26.05	ng	0.00
23) Nitrobenzene-d5	7.50	82	209504	86.98	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	76705	102.30	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	389737	105.54	ng	0.00
78) Terphenyl-d14	13.06	244	632435	112.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	25763	13.387	ng	Qvalue # 73
25) Isophorone	7.50	82	209503	49.362	ng	# 64
49) Dimethylphthalate	9.68	163	40424	8.332	ng	99
56) 2,4-Dinitrotoluene	9.97	165	8156	6.082	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	4513	2.590	ng	# 1

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

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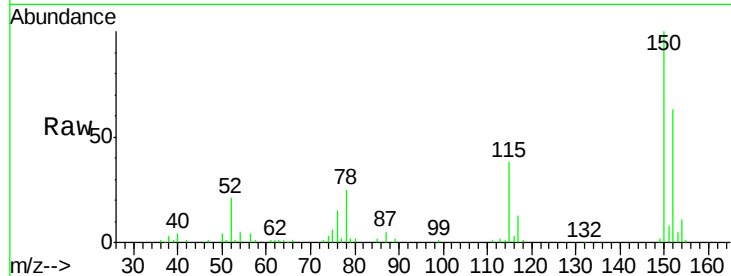




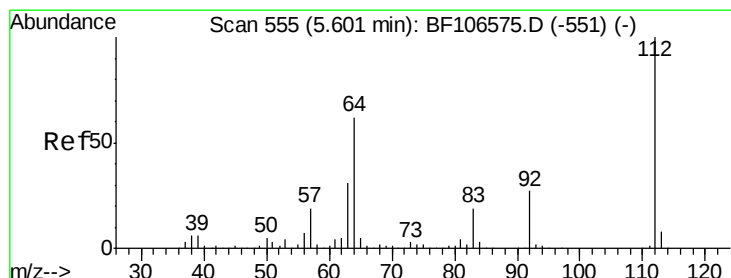
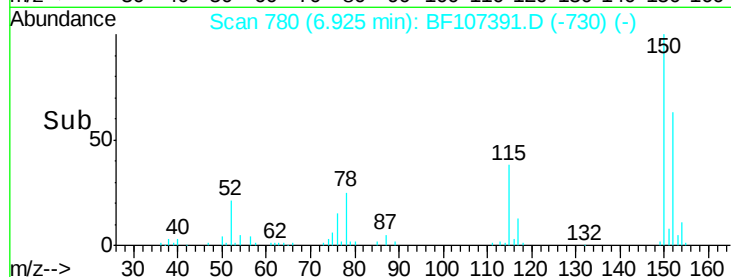
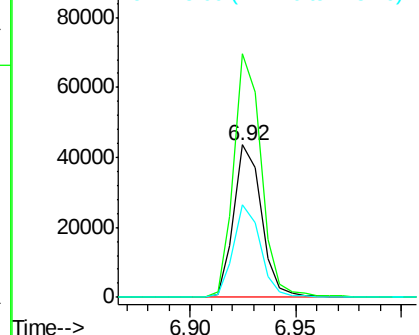
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107391.D
 Acq: 14 Jul 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-U-M

Tgt Ion:152 Resp: 39587
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 61.1 50.1 75.1

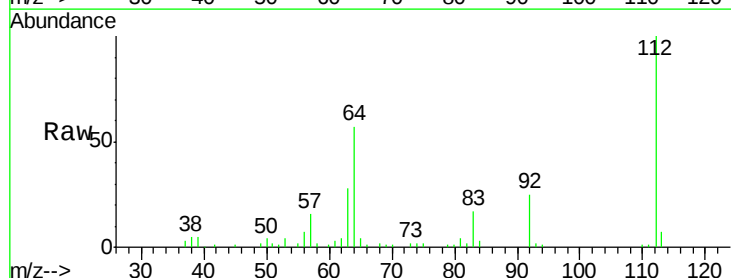


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

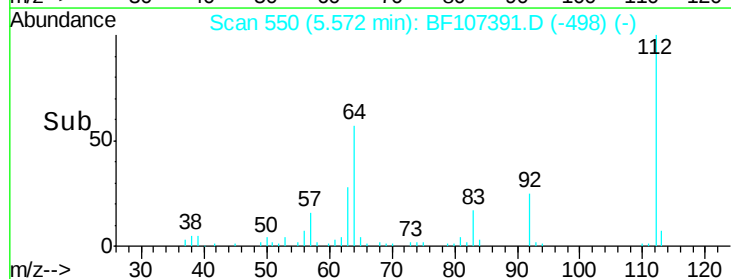
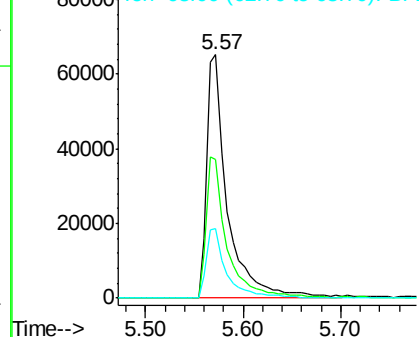


#5
 2-Fluorophenol
 Concen: 41.063 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107391.D
 Acq: 14 Jul 2018 3:08

Tgt Ion:112 Resp: 95999
 Ion Ratio Lower Upper
 112 100
 64 57.0 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: 26.055 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-M

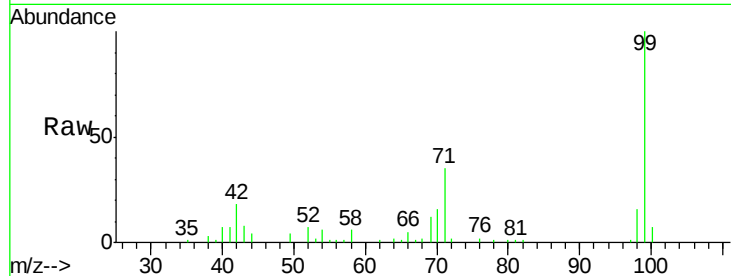
Tgt Ion: 99 Resp: 76067

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

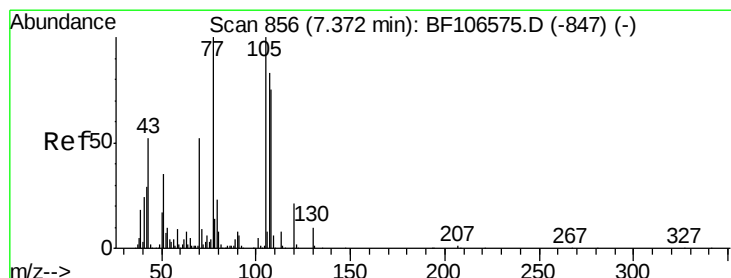
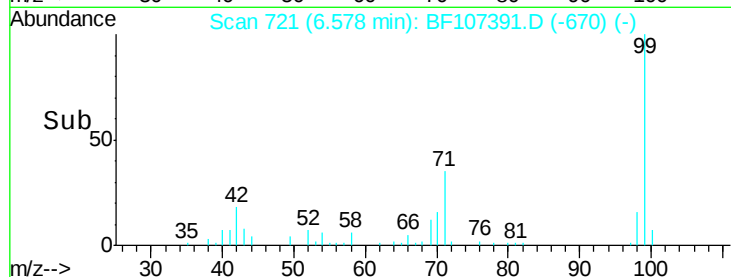
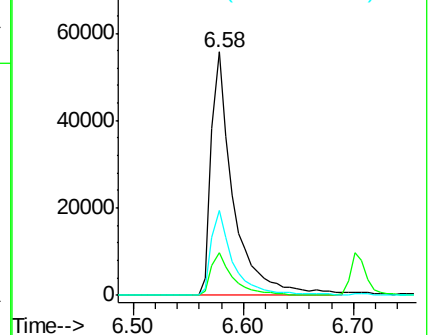
71 35.0 25.4 38.0



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: 13.387 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

Tgt Ion: 70 Resp: 25763

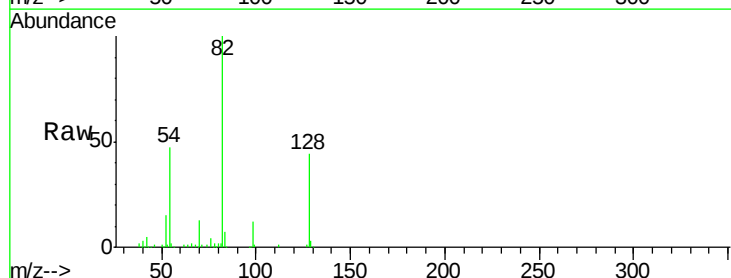
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

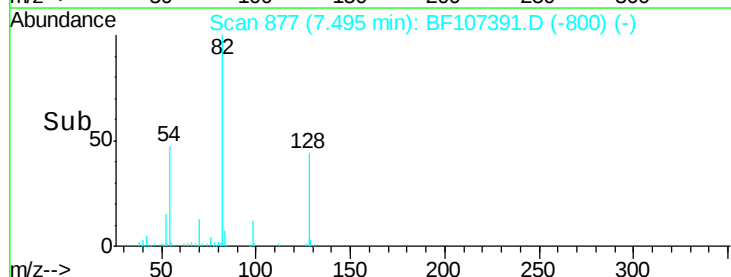
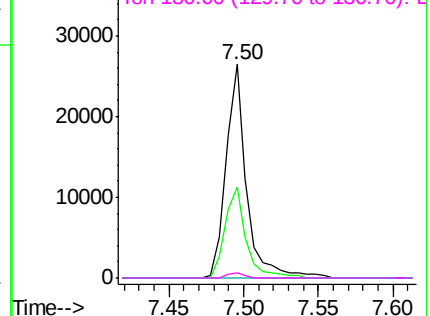


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

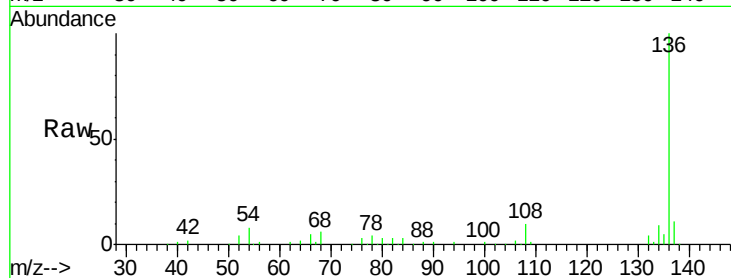




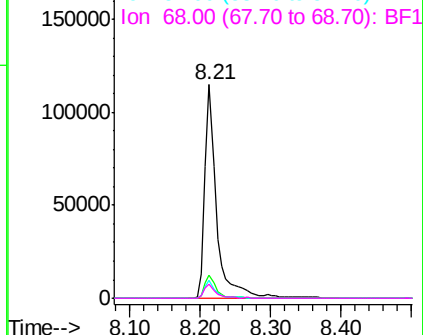
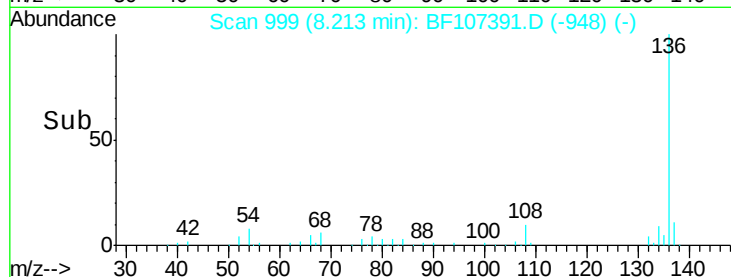
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-M

Tgt Ion:	136	Resp:	133851
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4

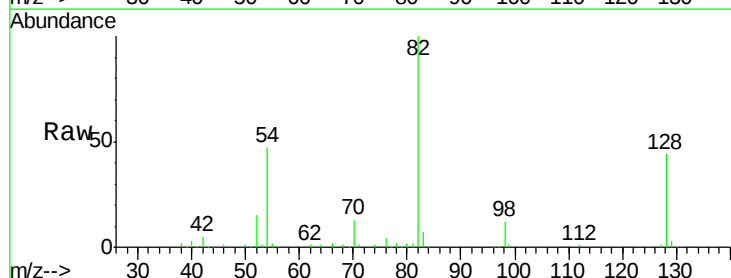


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

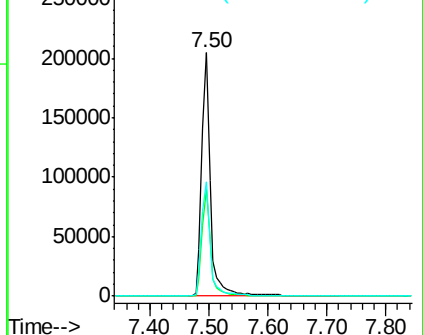
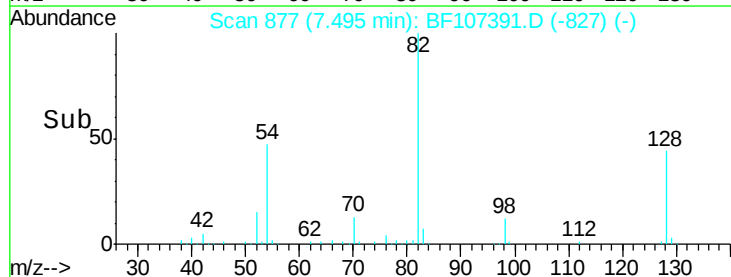


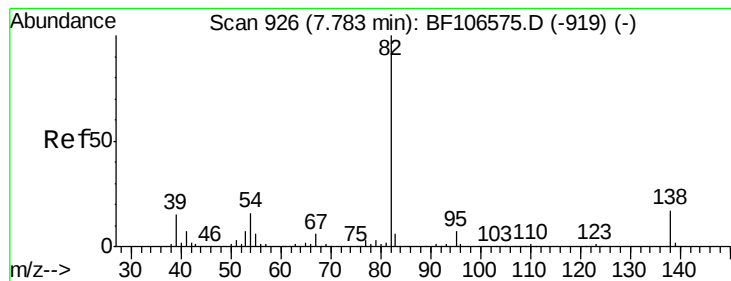
#23
Nitrobenzene-d5
Concen: 86.984 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Tgt Ion:	82	Resp:	209504
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	46.8	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: 49.362 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-M

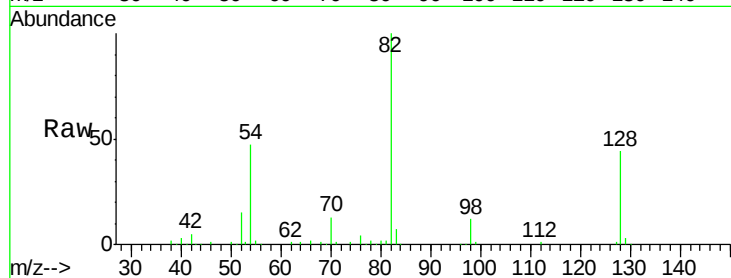
Tgt Ion: 82 Resp: 209503

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

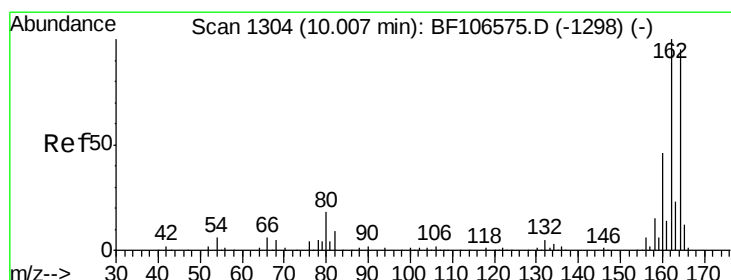
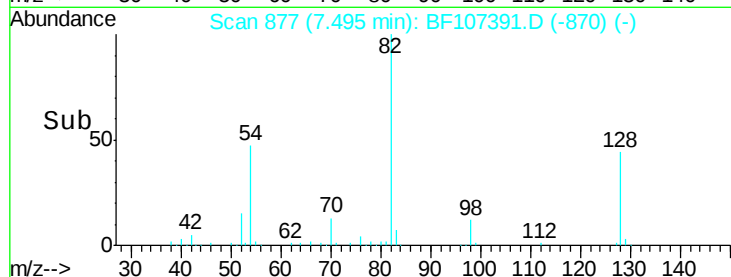
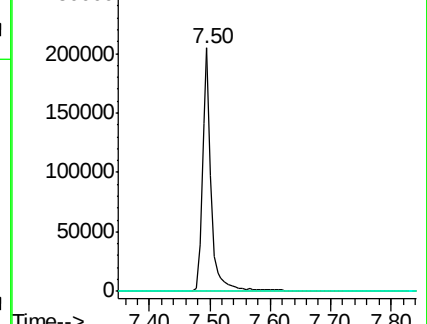
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

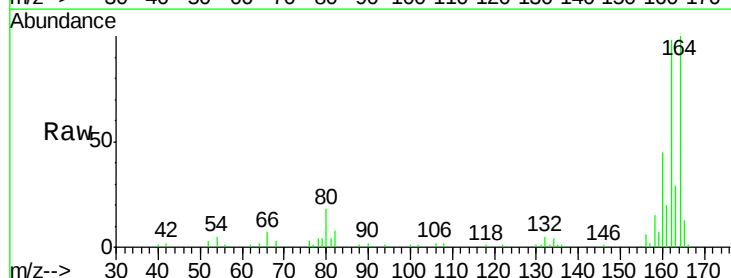
Tgt Ion: 164 Resp: 64691

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

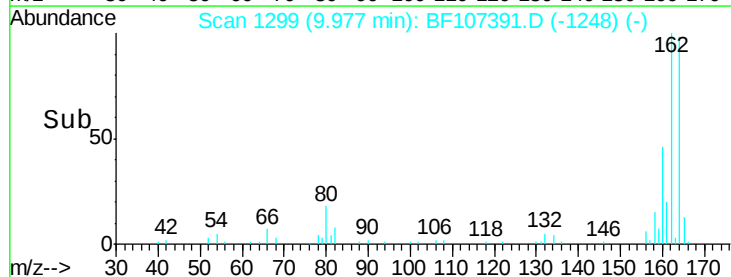
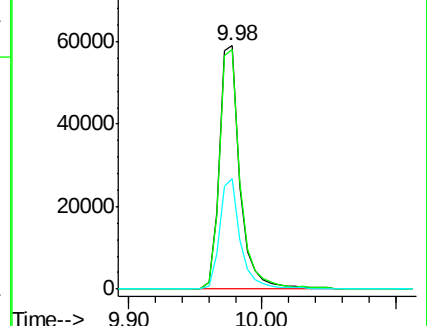
160 45.5 38.3 57.5



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

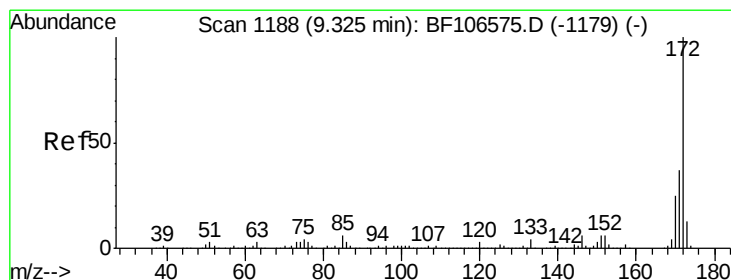
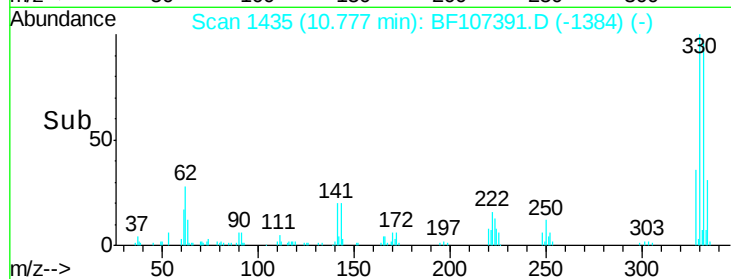
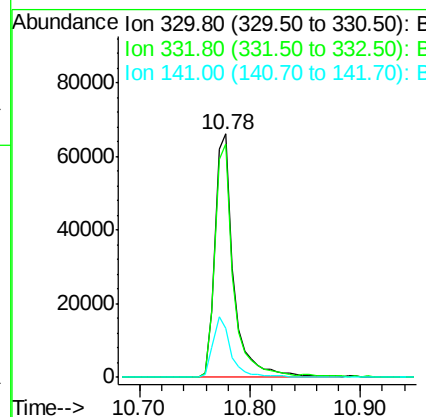
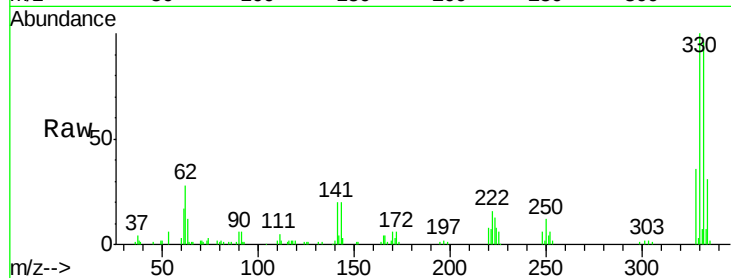




#41
 2,4,6-Tribromophenol
 Concen: 102.303 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107391.D
 Acq: 14 Jul 2018 3:08

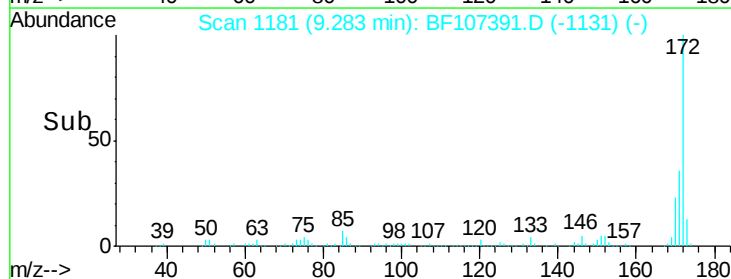
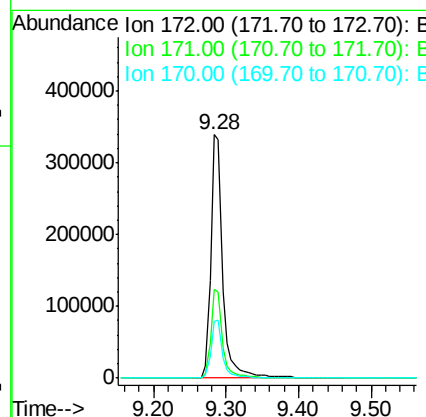
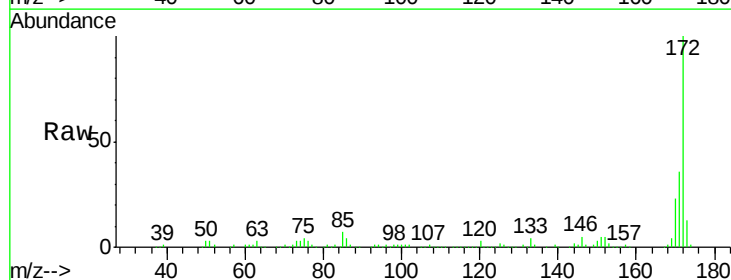
Instrument :
 BNA_F
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 071118-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	24.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 105.538 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107391.D
 Acq: 14 Jul 2018 3:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4

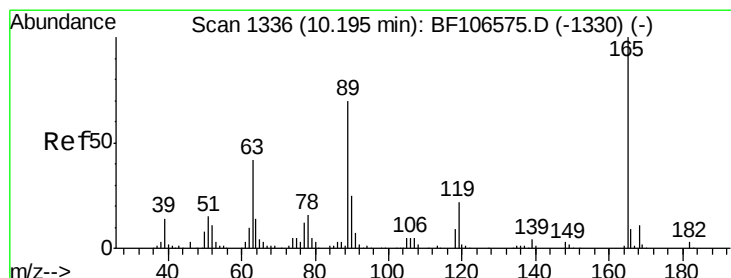
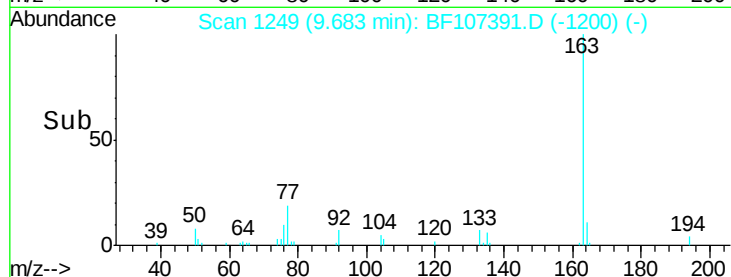
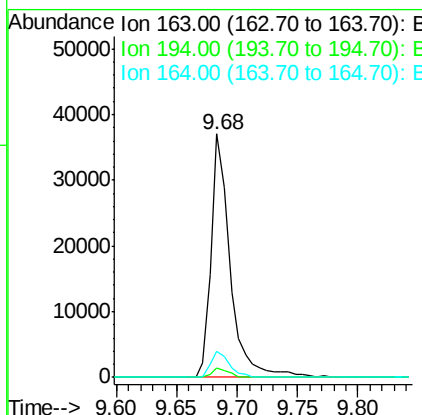
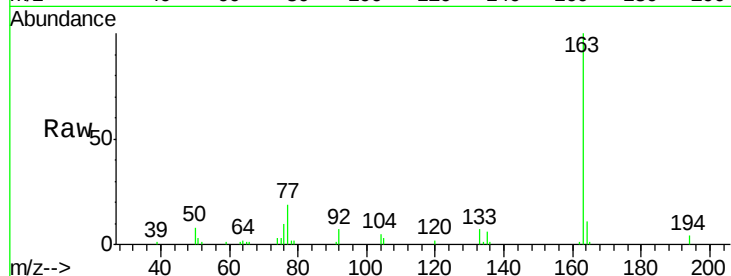




#49
Dimethylphthalate
Concen: 8.332 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

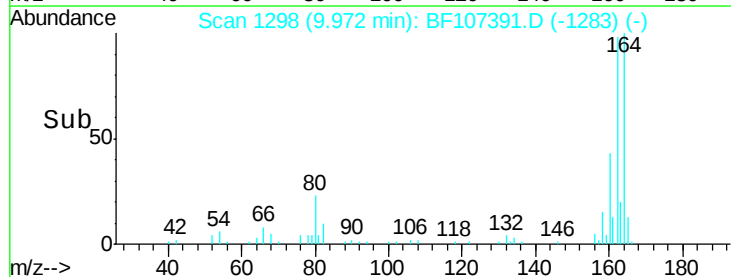
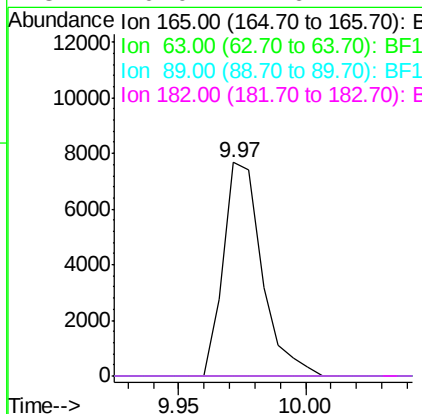
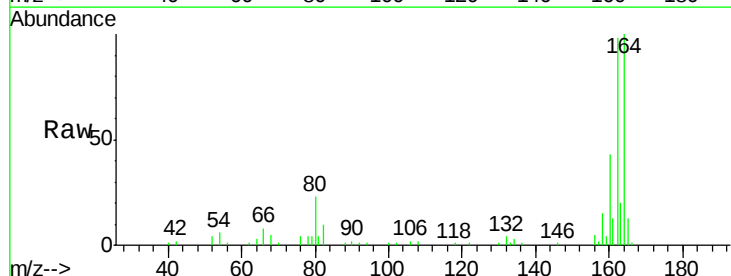
Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-M

Tgt Ion:163 Resp: 40424
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Tgt Ion:165 Resp: 8156
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#

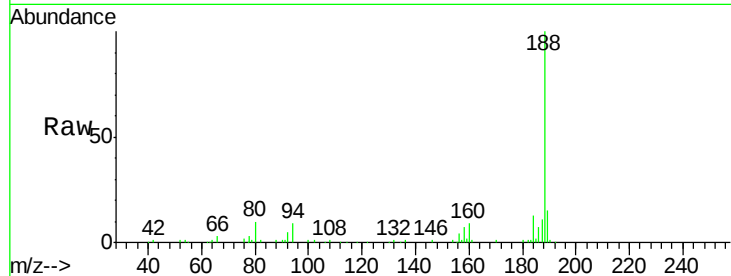




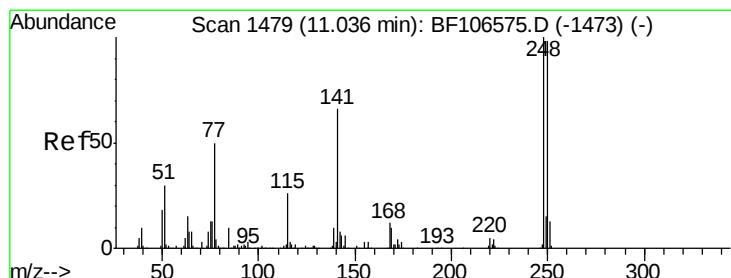
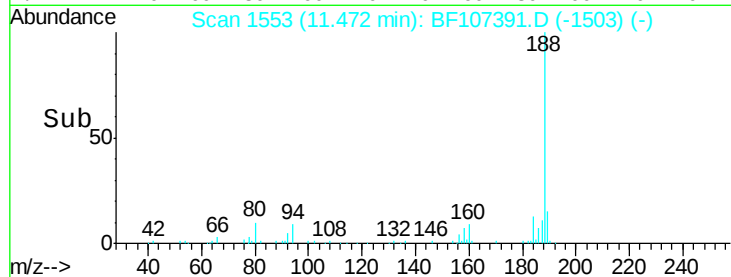
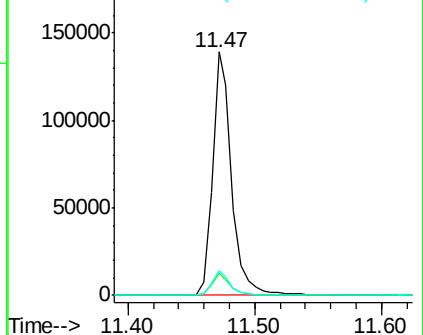
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-M

Tgt Ion:188 Resp: 146020
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8

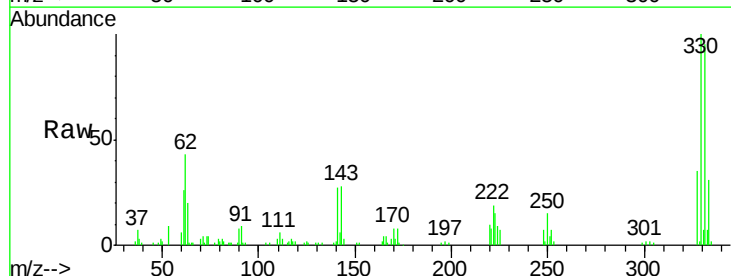


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

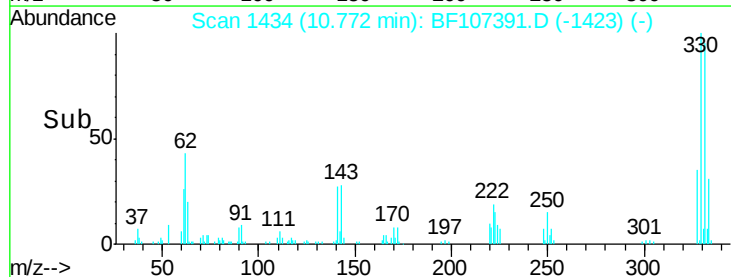
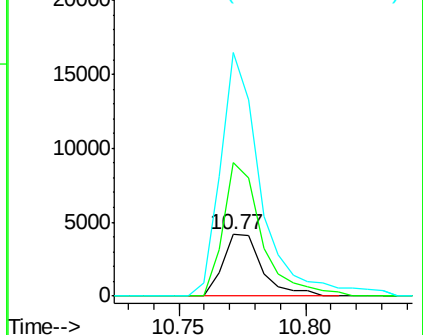


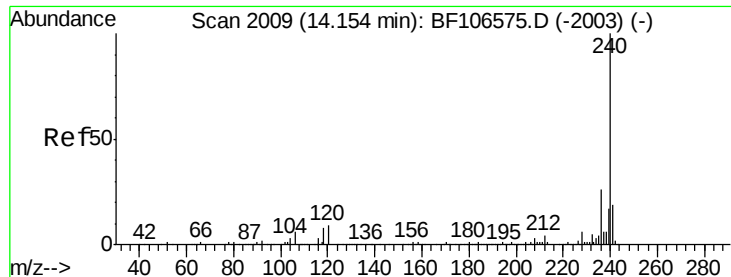
#66
4-Bromophenyl-phenylether
Concen: 2.590 ng
RT: 10.77 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Tgt Ion:248 Resp: 4513
Ion Ratio Lower Upper
248 100
250 217.6 76.9 115.3#
141 395.0 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: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-M

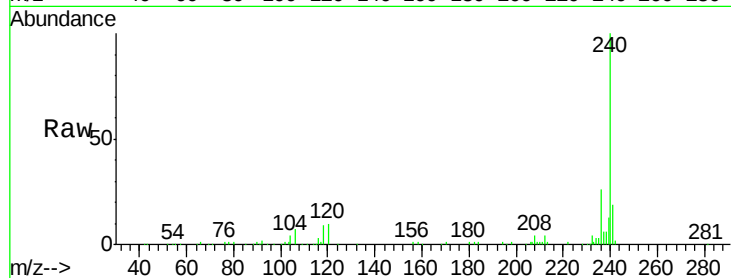
Tgt Ion:240 Resp: 136058

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

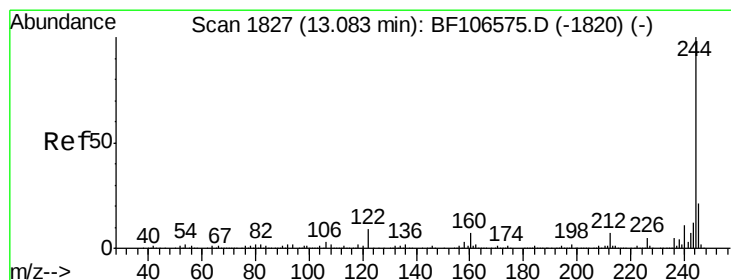
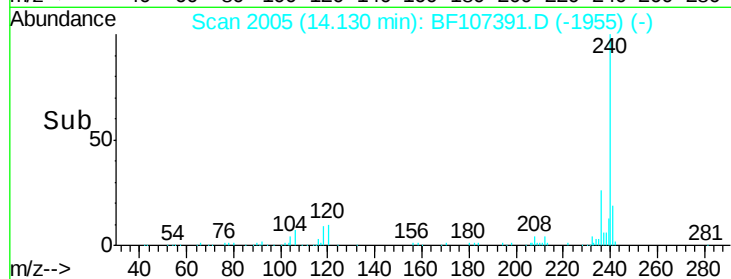
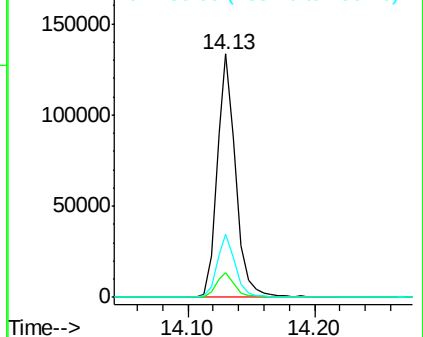
236 26.0 20.7 31.1



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: 112.595 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF107391.D

Acq: 14 Jul 2018 3:08

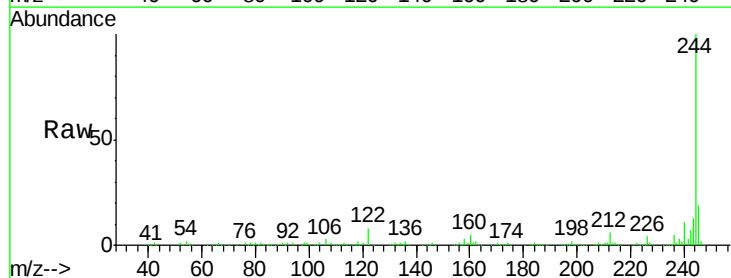
Tgt Ion:244 Resp: 632435

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

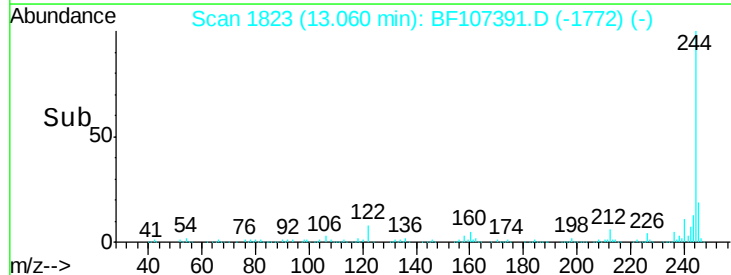
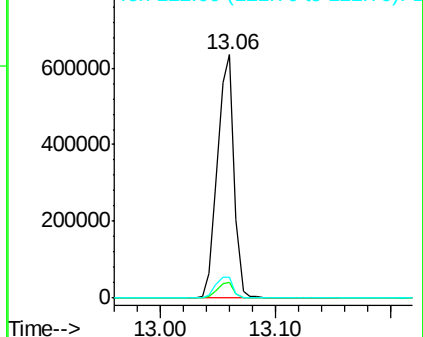
122 8.4 11.0 16.4#

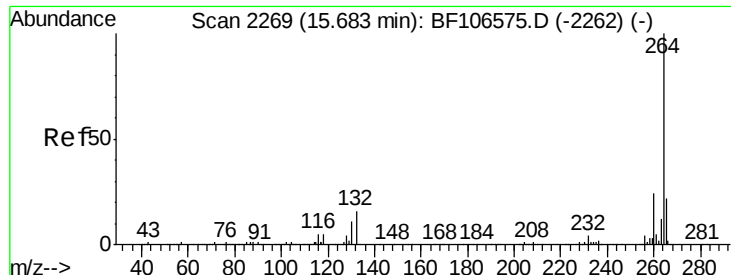


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF107391.D
Acq: 14 Jul 2018 3:08

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-M

Tgt Ion:	264	Resp:	93636
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3

