

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107390.D
 Acq On : 14 Jul 2018 2:42
 Operator : JU/SJ
 Sample : J3970-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jul 14 03:09:49 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

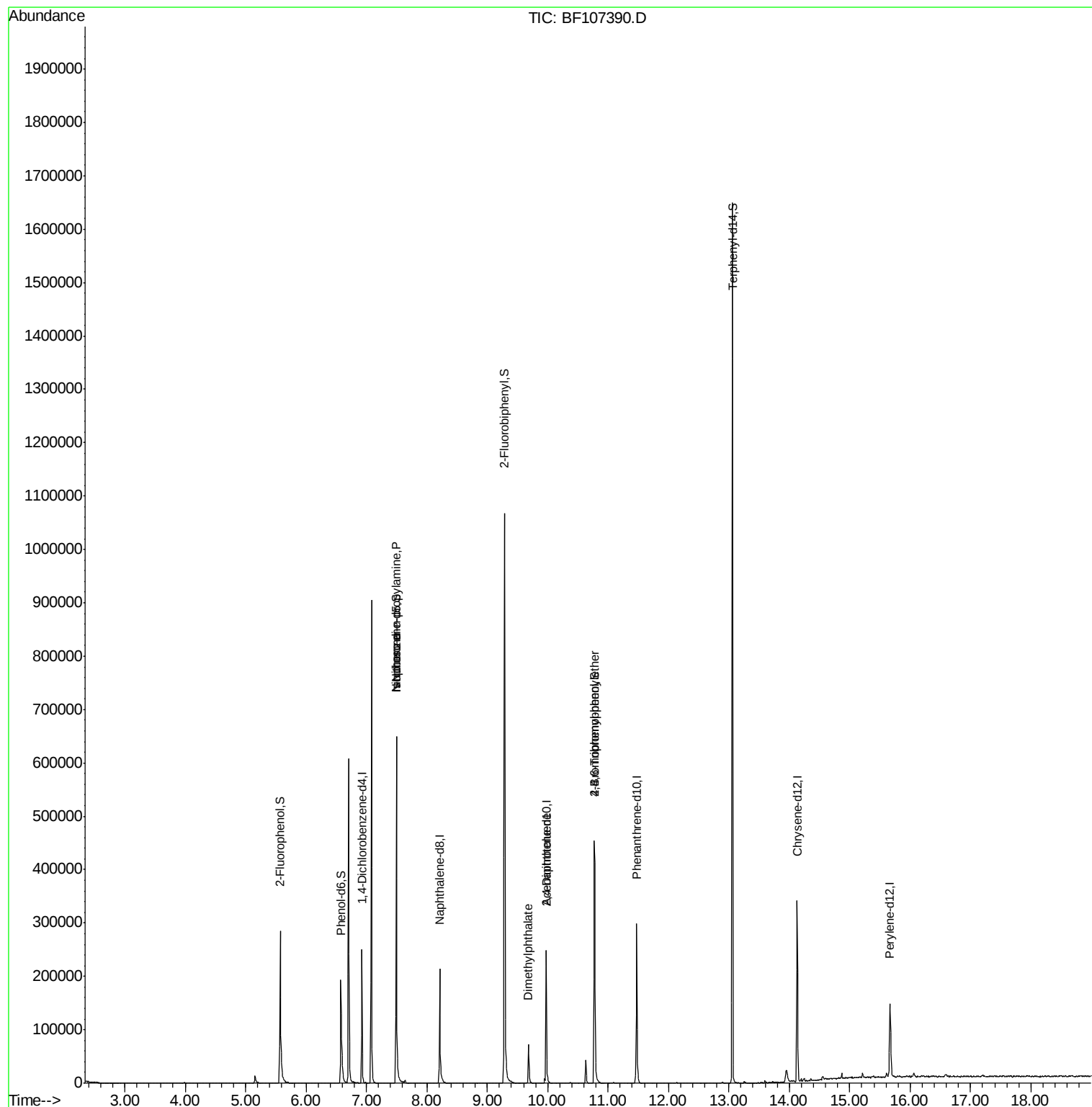
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	38411	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	127208	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	62636	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	138100	20.00	ng	0.00
75) Chrysene-d12	14.13	240	129823	20.00	ng	0.00
86) Perylene-d12	15.67	264	88901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	120856	53.28	ng	0.00
7) Phenol-d6	6.58	99	97608	34.46	ng	0.00
23) Nitrobenzene-d5	7.50	82	236259	103.21	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	81675	112.50	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	430664	122.97	ng	0.00
78) Terphenyl-d14	13.06	244	636634	118.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	29518	15.808	ng	Qvalue # 73
25) Isophorone	7.50	82	236256	58.573	ng	# 64
49) Dimethylphthalate	9.68	163	39193	8.343	ng	98
56) 2,4-Dinitrotoluene	9.98	165	7589	5.845	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	4671	2.834	ng	# 1

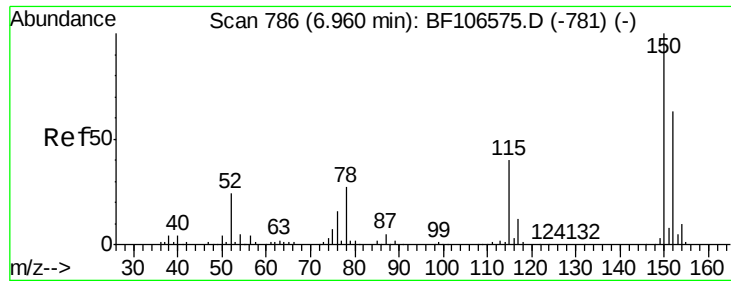
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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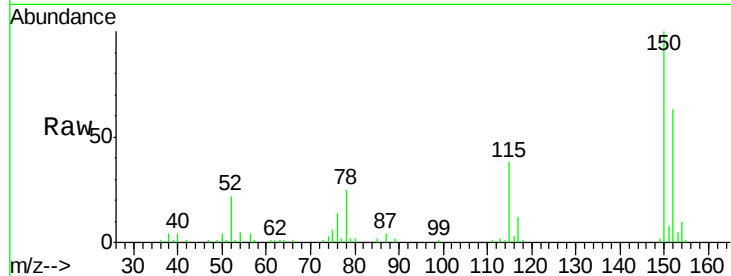




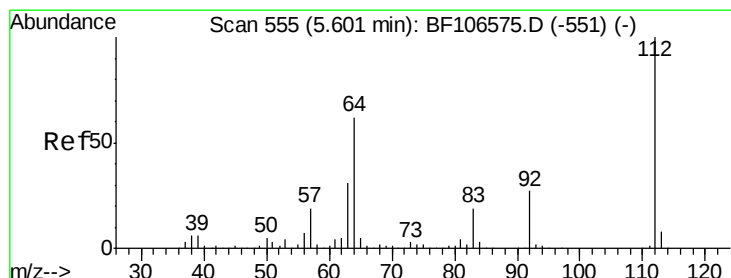
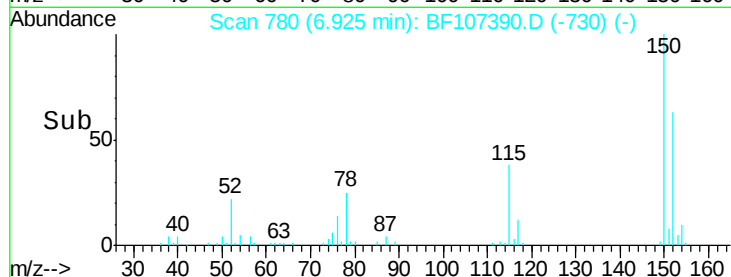
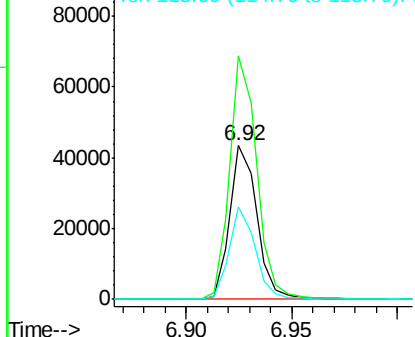
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107390.D
 Acq: 14 Jul 2018 2:42

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

Tgt Ion:152 Resp: 38411
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 60.3 50.1 75.1

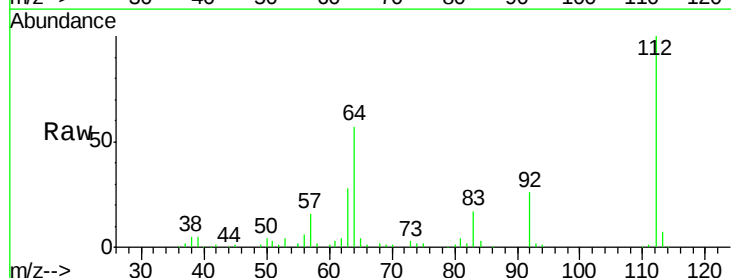


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

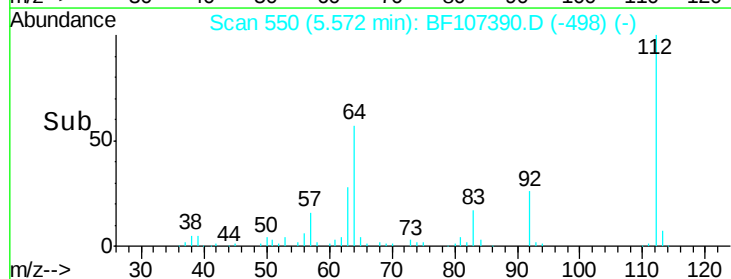
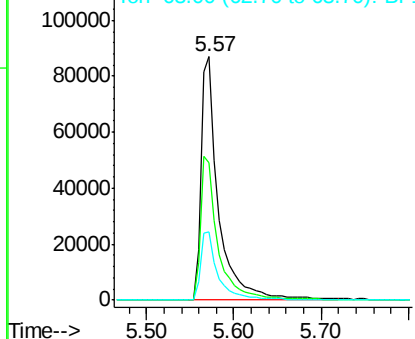


#5
 2-Fluorophenol
 Concen: 53.278 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107390.D
 Acq: 14 Jul 2018 2:42

Tgt Ion:112 Resp: 120856
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 28.2 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: 34.457 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107390.D

Acq: 14 Jul 2018 2:42

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-B

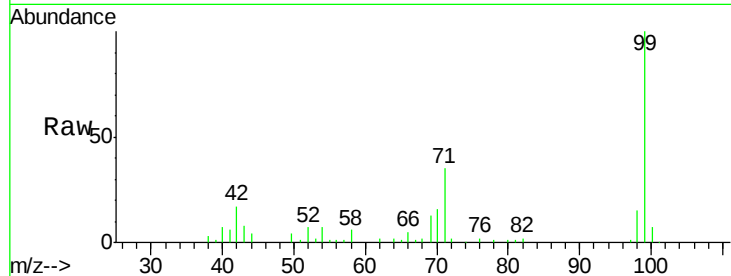
Tgt Ion: 99 Resp: 97608

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

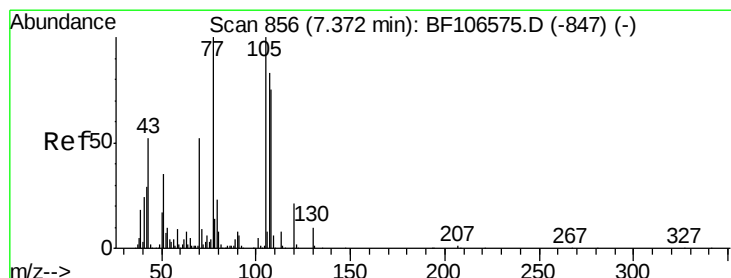
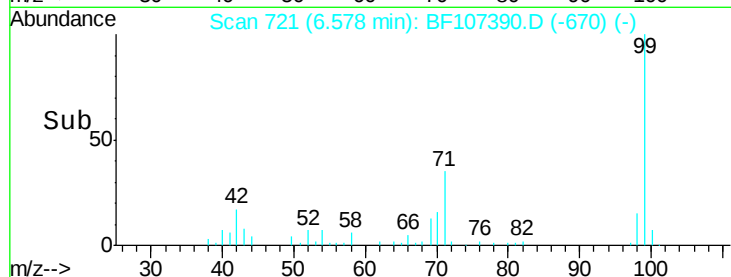
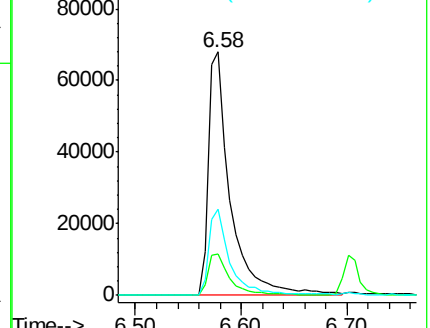
71 35.3 25.4 38.0



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: 15.808 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107390.D

Acq: 14 Jul 2018 2:42

Tgt Ion: 70 Resp: 29518

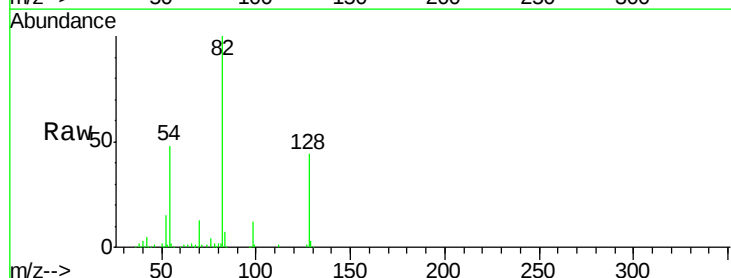
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

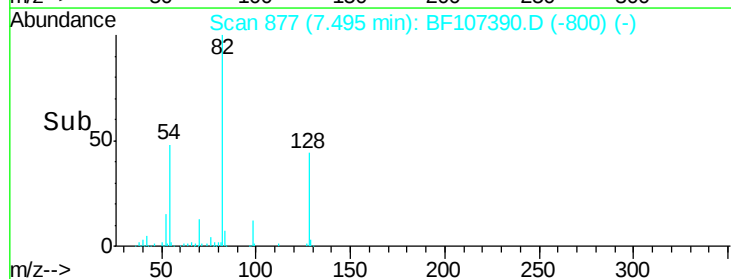
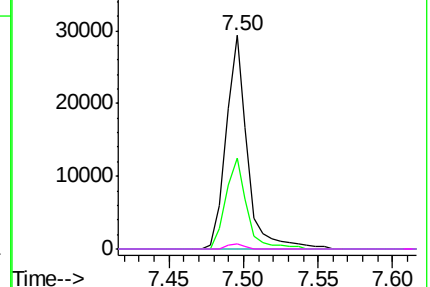


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

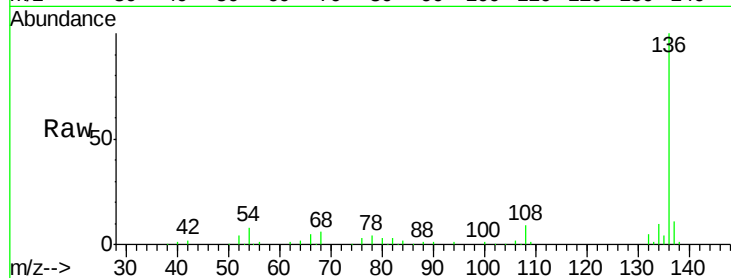




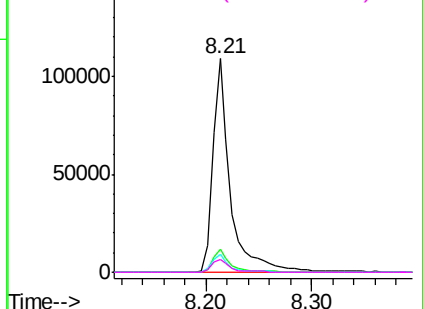
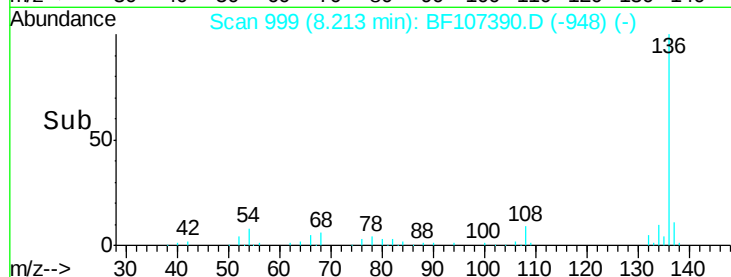
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

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

Tgt Ion:	136	Resp:	127208
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	5.9	5.0	7.4

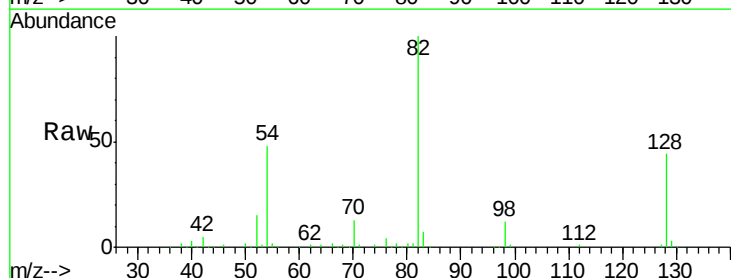


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

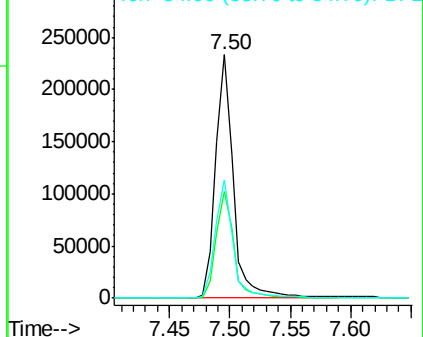
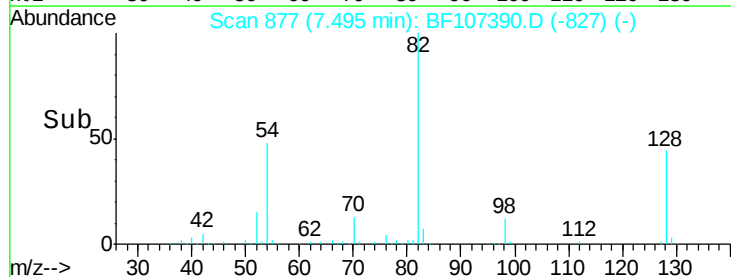


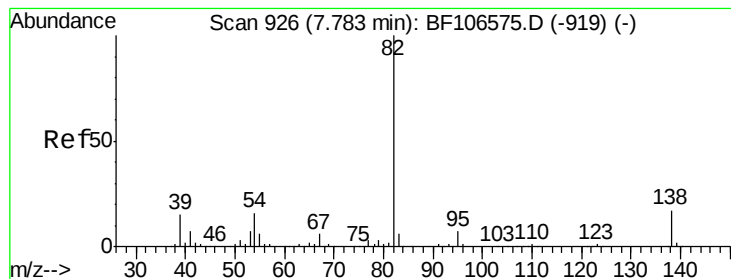
#23
Nitrobenzene-d5
Concen: 103.215 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

Tgt Ion:	82	Resp:	236259
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	48.3	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: 58.573 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107390.D

Acq: 14 Jul 2018 2:42

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-B

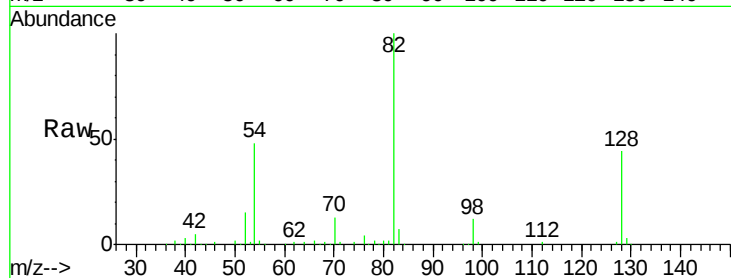
Tgt Ion: 82 Resp: 236256

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

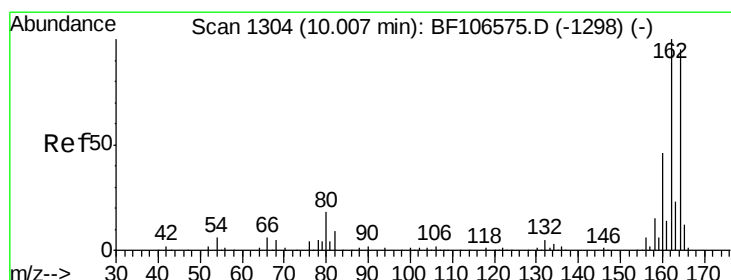
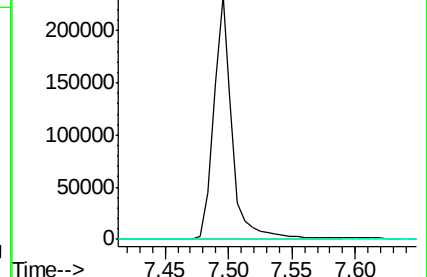
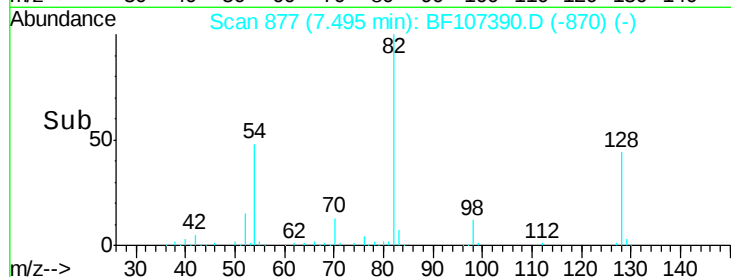
138 0.0 14.9 22.3#



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: BF107390.D

Acq: 14 Jul 2018 2:42

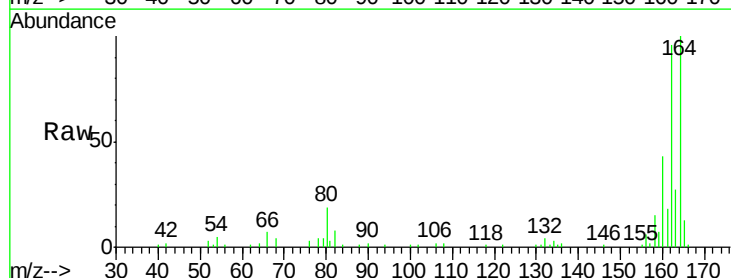
Tgt Ion: 164 Resp: 62636

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

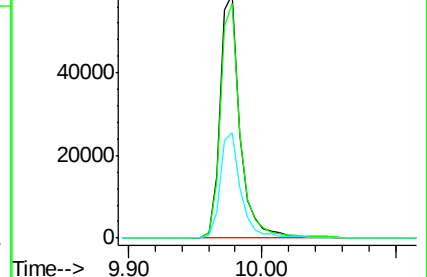
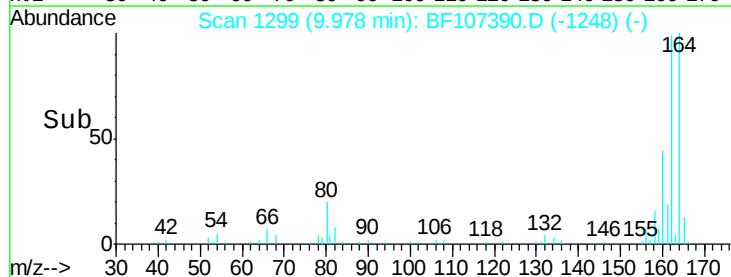
160 43.2 38.3 57.5



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

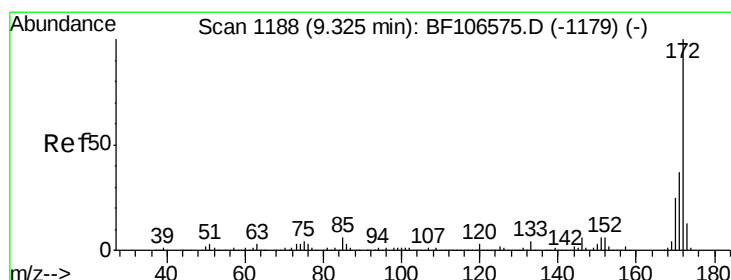
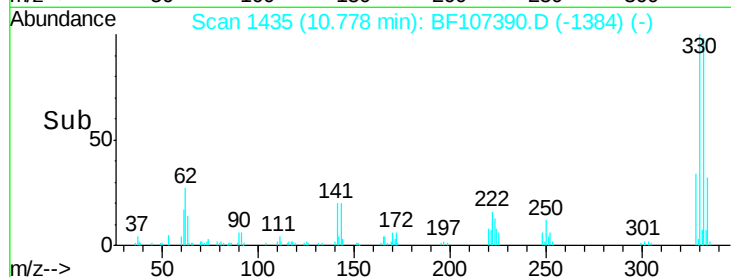
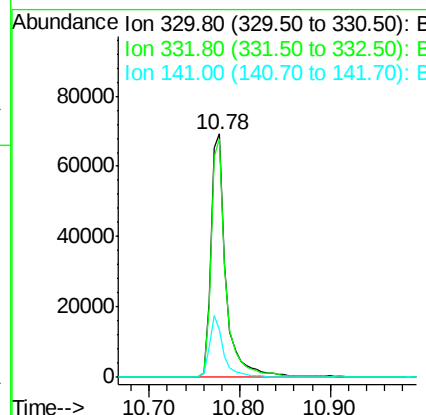
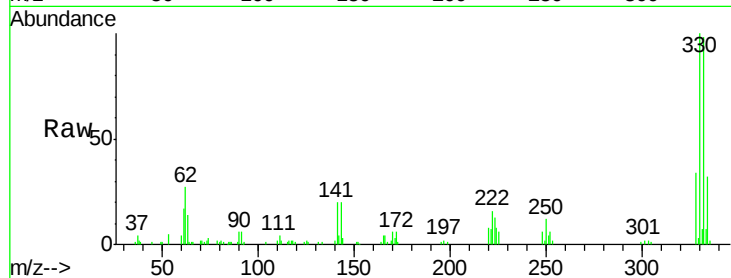




#41
 2,4,6-Tribromophenol
 Concen: 112.505 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107390.D
 Acq: 14 Jul 2018 2:42

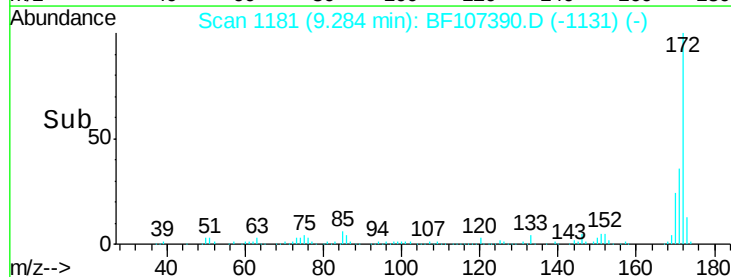
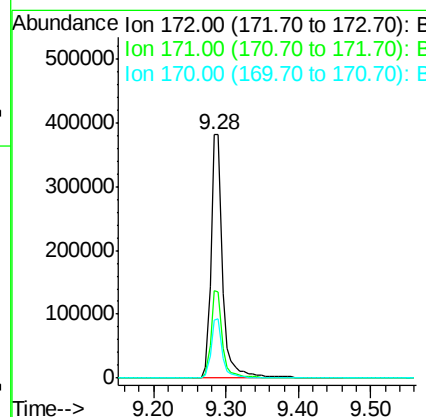
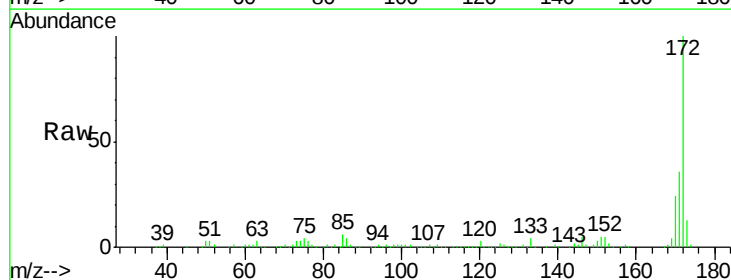
Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-U-B

Tgt Ion:330 Resp: 81675
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 23.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 122.968 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107390.D
 Acq: 14 Jul 2018 2:42

Tgt Ion:172 Resp: 430664
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.0 19.6 29.4

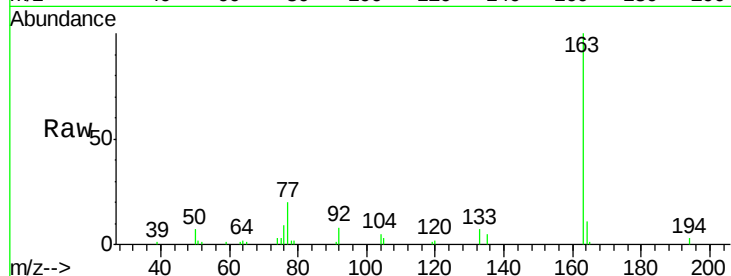




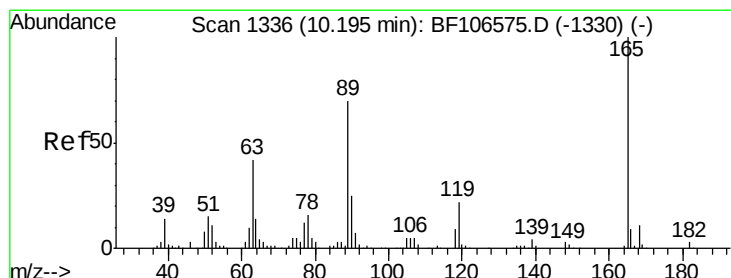
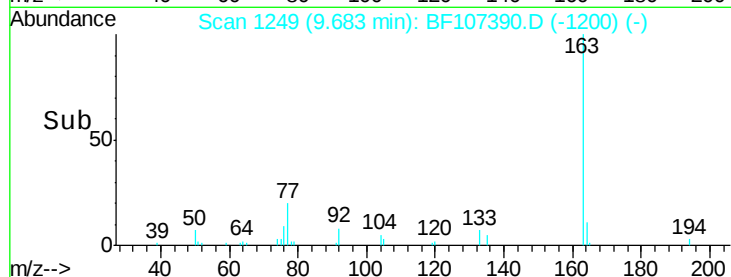
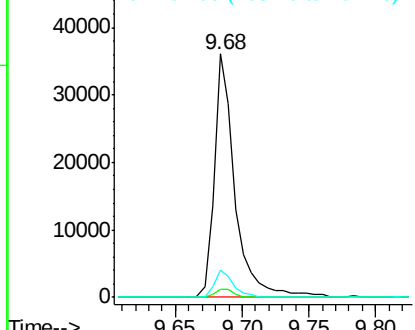
#49
Dimethylphthalate
Concen: 8.343 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

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

Tgt Ion:163 Resp: 39193
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.0 8.2 12.2

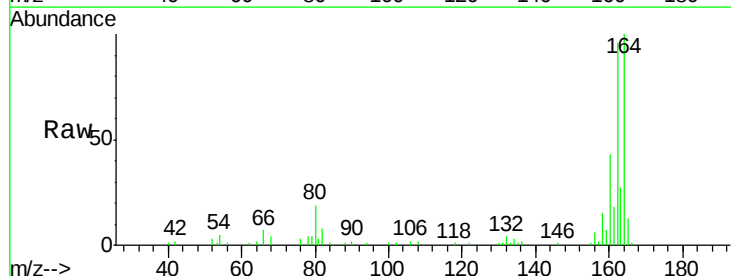


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

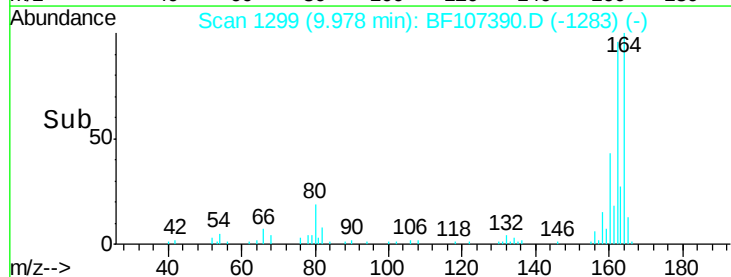
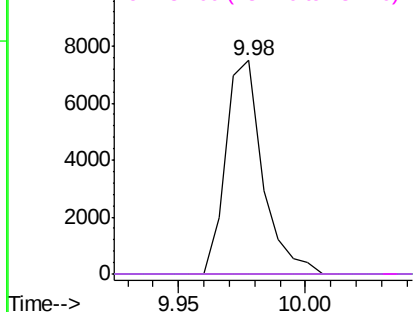


#56
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

Tgt Ion:165 Resp: 7589
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#



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

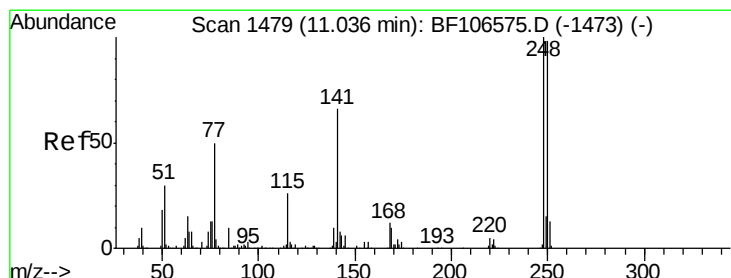
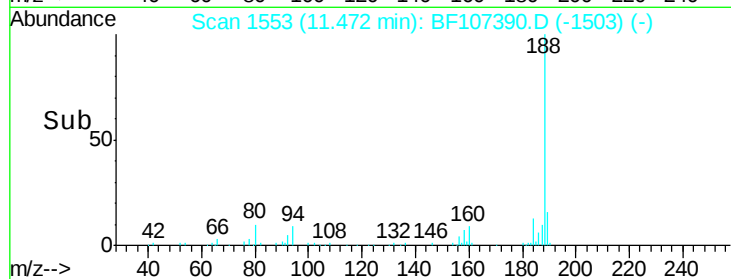
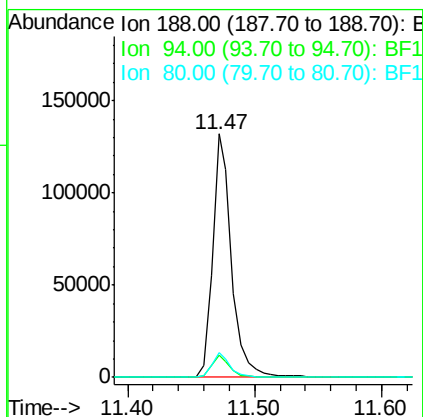
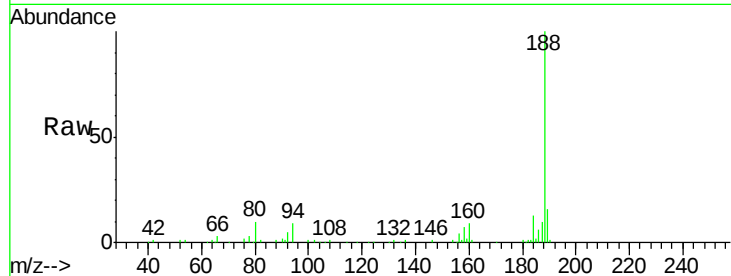




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

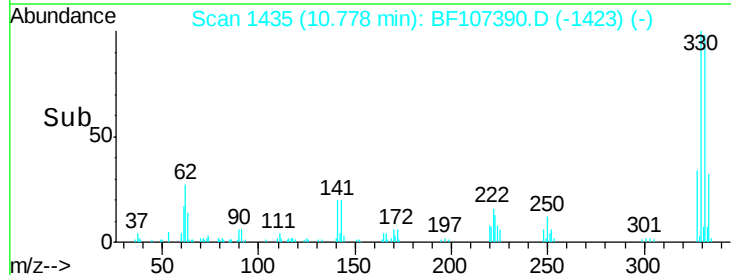
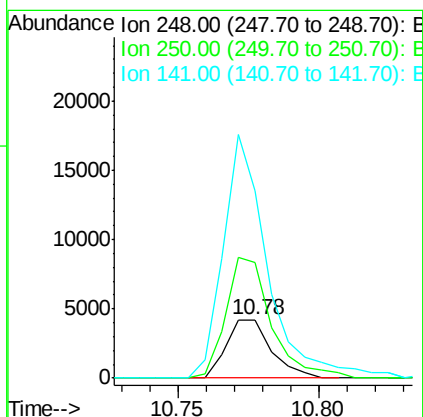
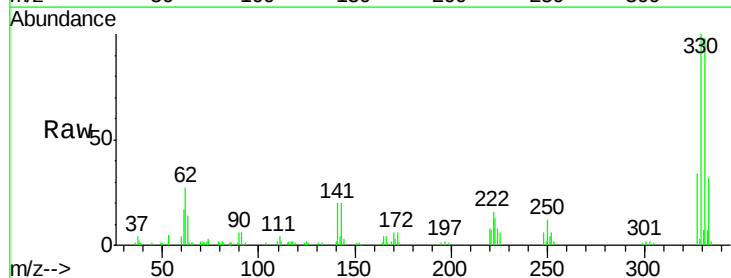
Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-B

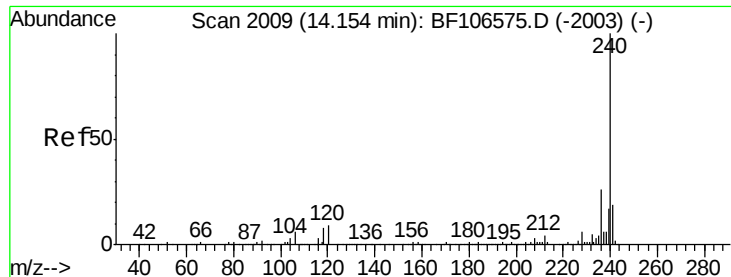
Tgt Ion:188 Resp: 138100
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.834 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.23 min
Lab File: BF107390.D
Acq: 14 Jul 2018 2:42

Tgt Ion:248 Resp: 4671
Ion Ratio Lower Upper
248 100
250 197.9 76.9 115.3#
141 319.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107390.D

Acq: 14 Jul 2018 2:42

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-B

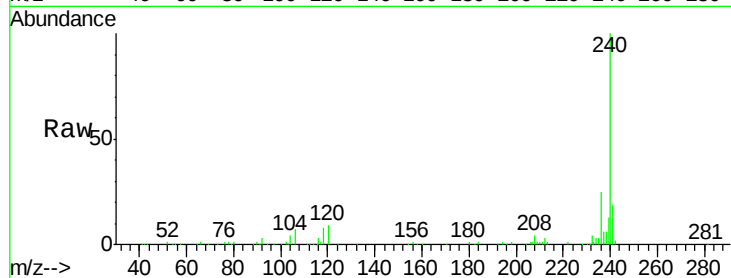
Tgt Ion:240 Resp: 129823

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

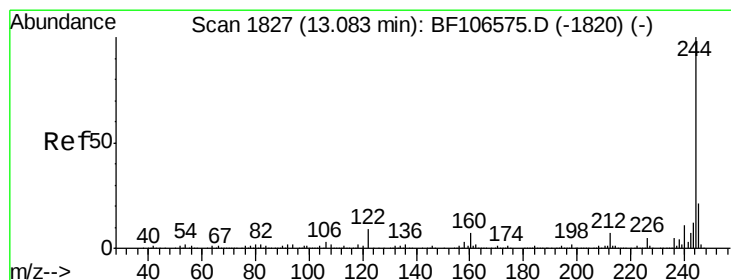
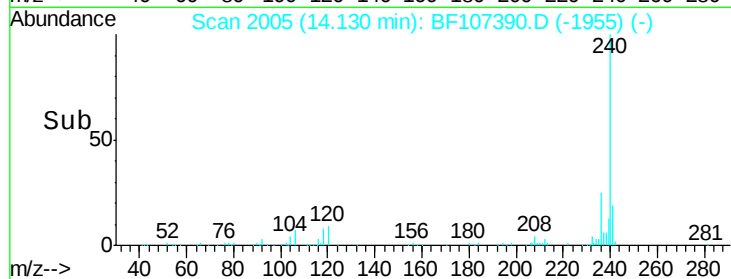
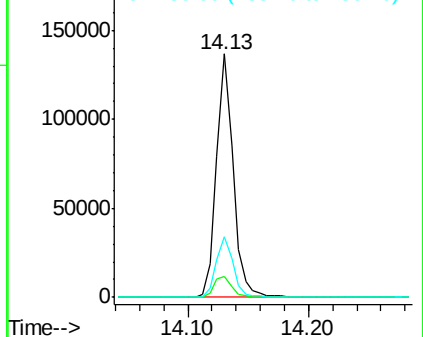
236 24.8 20.7 31.1



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: 118.786 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107390.D

Acq: 14 Jul 2018 2:42

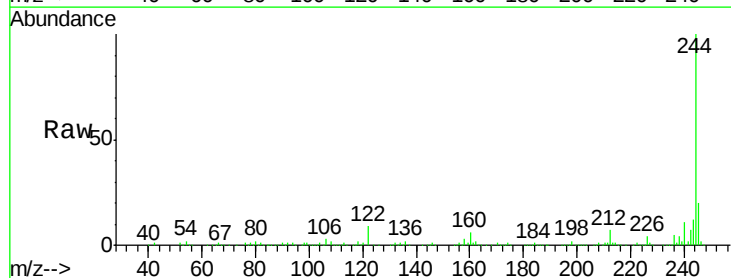
Tgt Ion:244 Resp: 636634

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

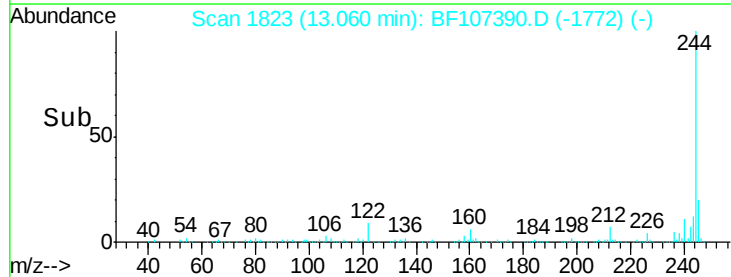
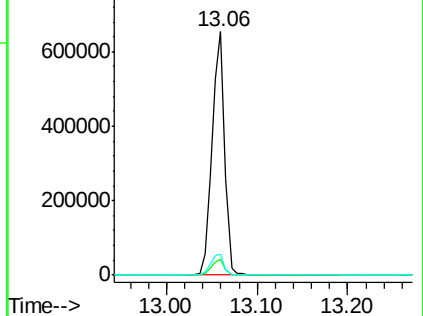
122 8.7 11.0 16.4#

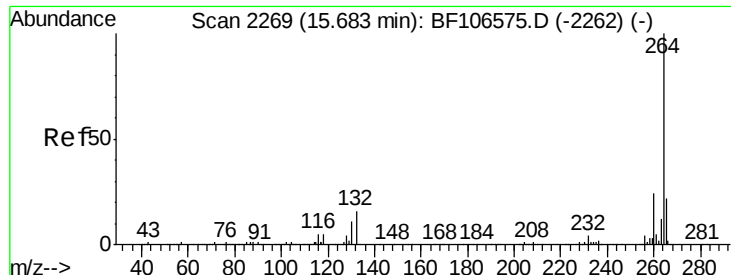


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107390.D
Acq: 14 Jul 2018 2:42

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

