

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107388.D
 Acq On : 14 Jul 2018 1:49
 Operator : JU/SJ
 Sample : J3970-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jul 14 03:09:25 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

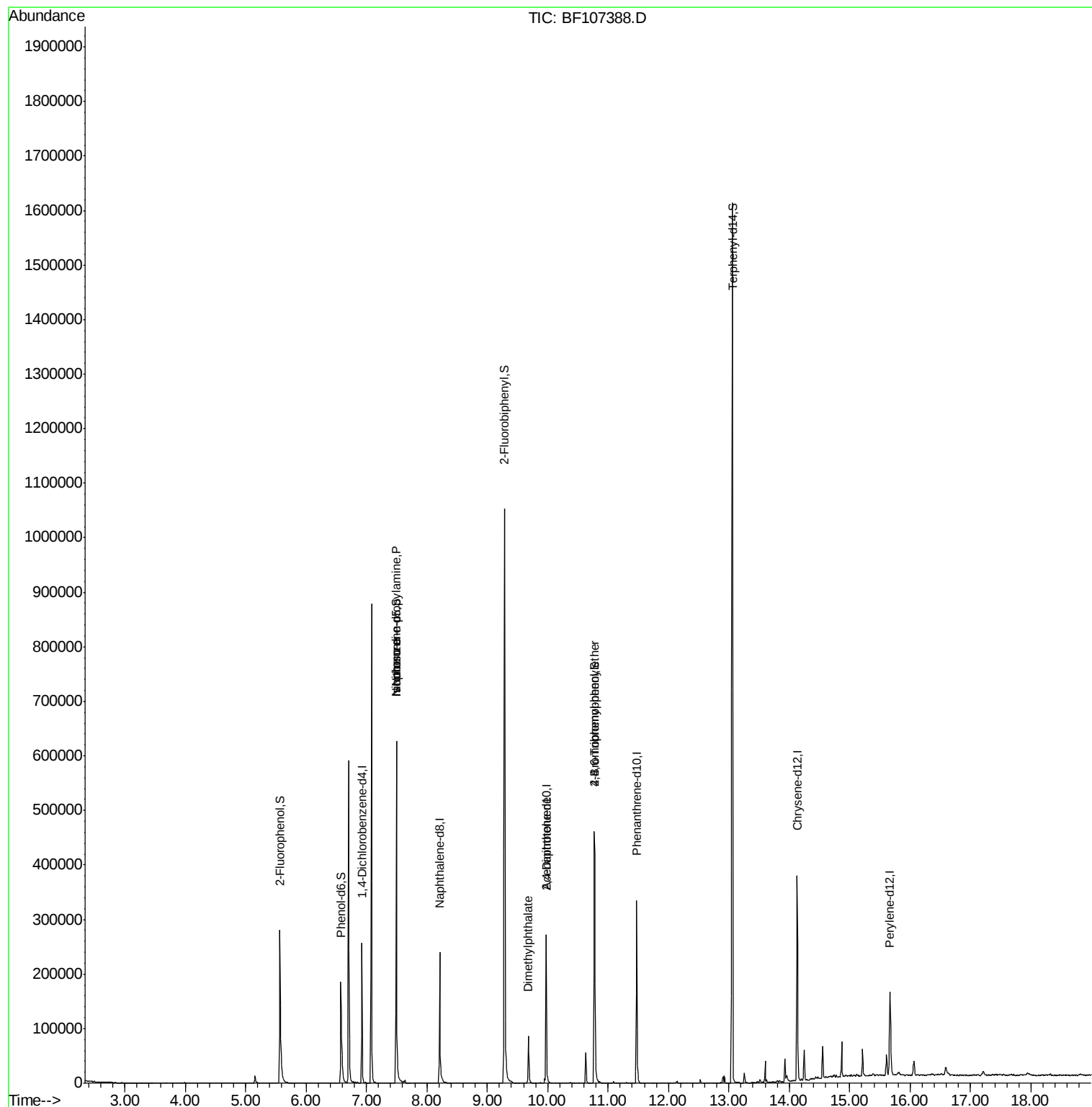
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	39748	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	137824	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	67991	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	149122	20.00	ng	0.00
75) Chrysene-d12	14.13	240	143097	20.00	ng	0.00
86) Perylene-d12	15.67	264	100113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	116798	49.76	ng	0.00
7) Phenol-d6	6.58	99	92986	31.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	228598	92.18	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	83936	106.51	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	431196	112.04	ng	0.00
78) Terphenyl-d14	13.06	244	649261	109.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	28946	14.980	ng	Qvalue # 73
25) Isophorone	7.50	82	228596	52.308	ng	# 64
49) Dimethylphthalate	9.68	163	43531	8.536	ng	98
56) 2,4-Dinitrotoluene	9.97	165	8450	5.995	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	5000	2.809	ng	# 1

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

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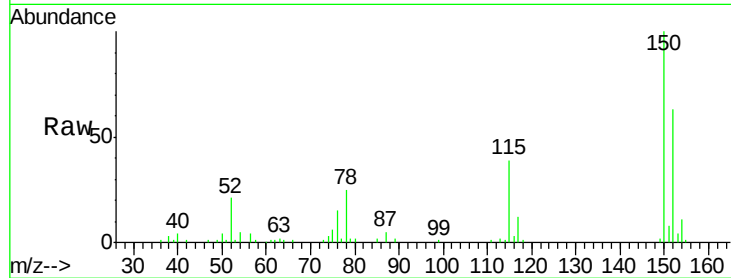


#1

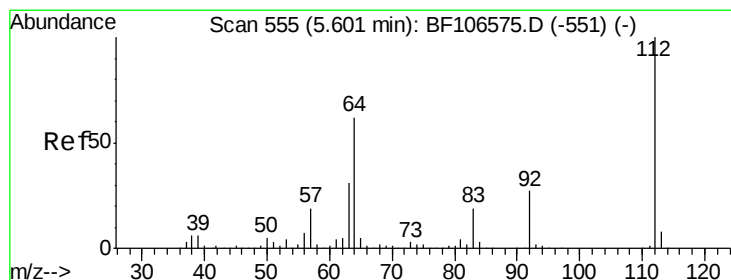
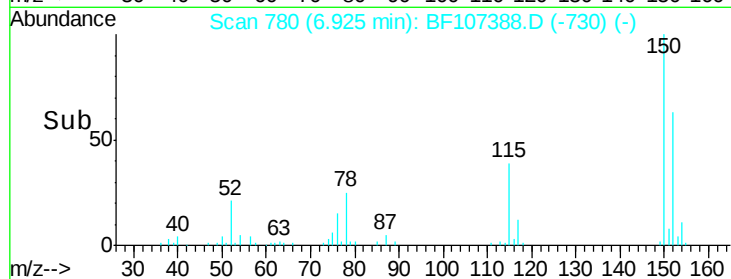
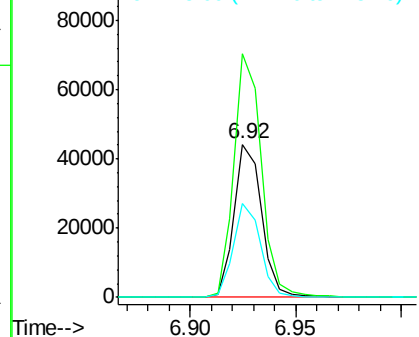
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

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

Tgt Ion:152 Resp: 39748
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 61.6 50.1 75.1



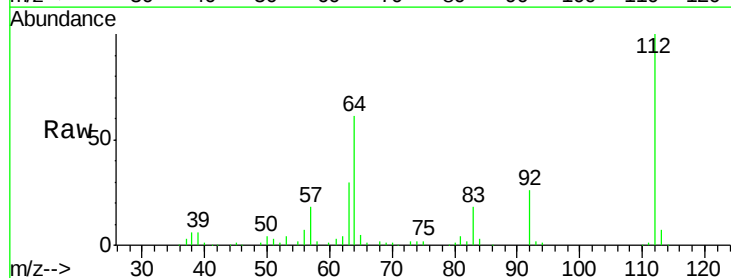
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



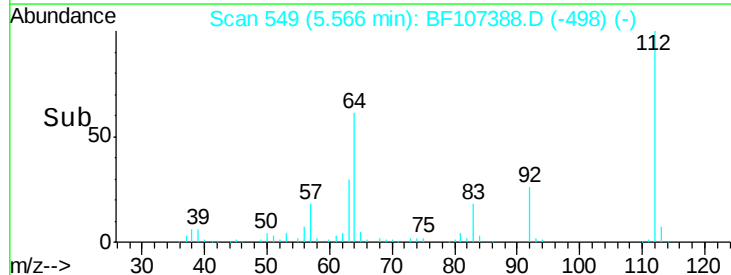
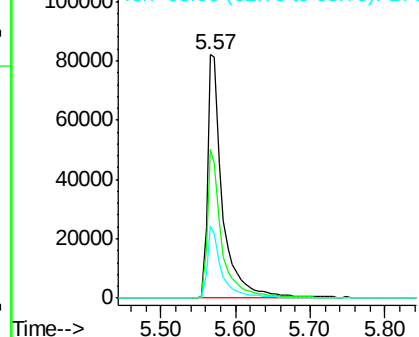
#5

2-Fluorophenol
Concen: 49.758 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

Tgt Ion:112 Resp: 116798
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 29.7 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: 31.721 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107388.D

Acq: 14 Jul 2018 1:49

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-M

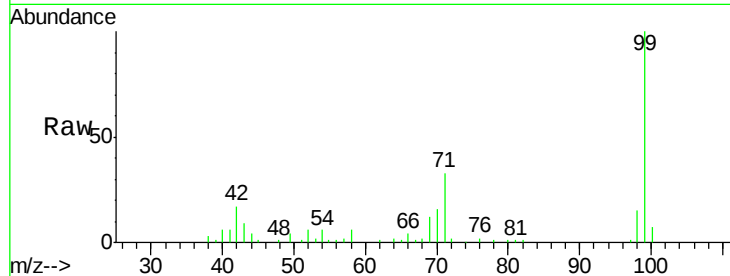
Tgt Ion: 99 Resp: 92986

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

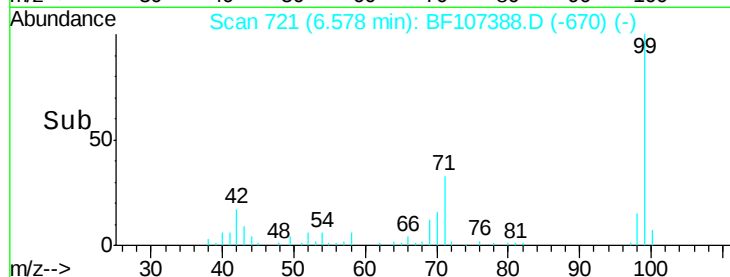
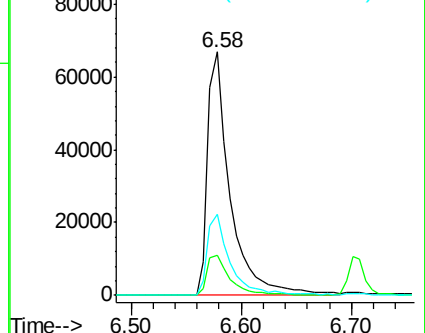
71 33.0 25.4 38.0



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: 14.980 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107388.D

Acq: 14 Jul 2018 1:49

Tgt Ion: 70 Resp: 28946

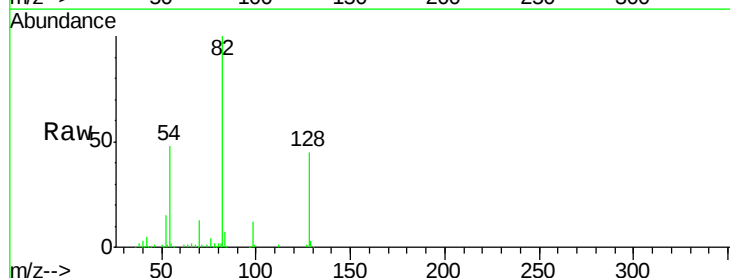
Ion Ratio Lower Upper

70 100

42 42.1 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

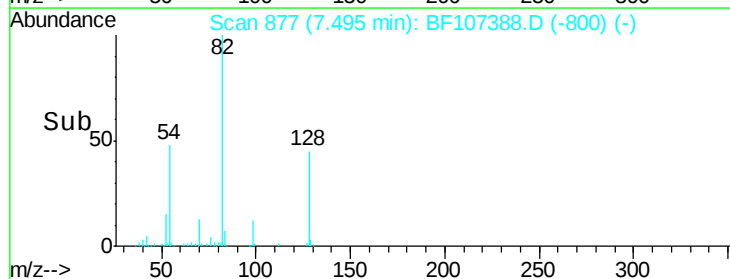
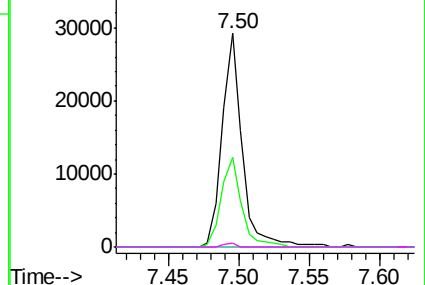


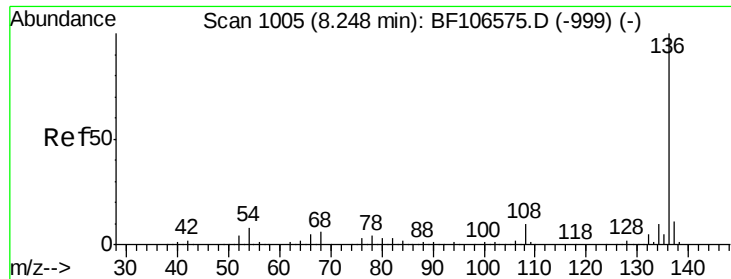
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

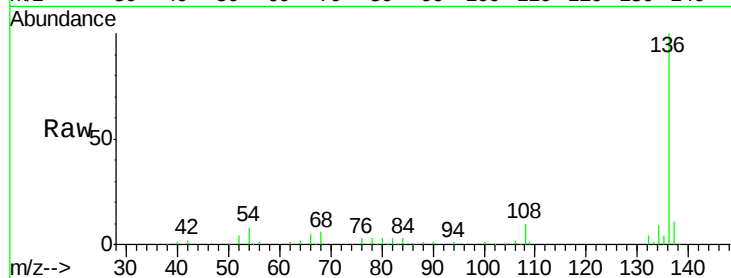




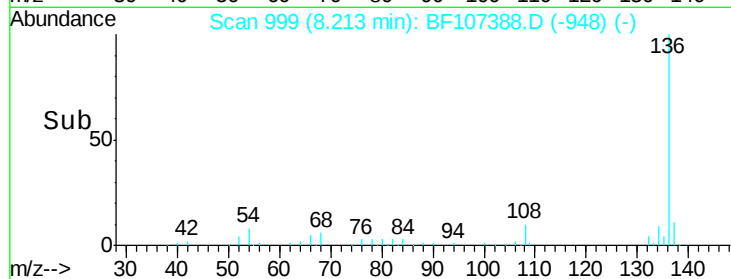
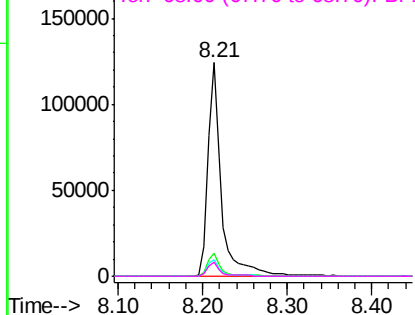
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

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

Tgt Ion:	136	Resp:	137824
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4

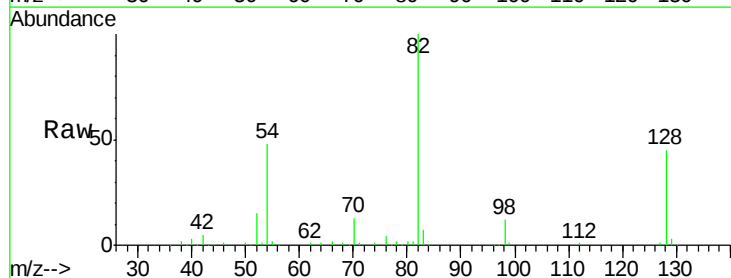


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

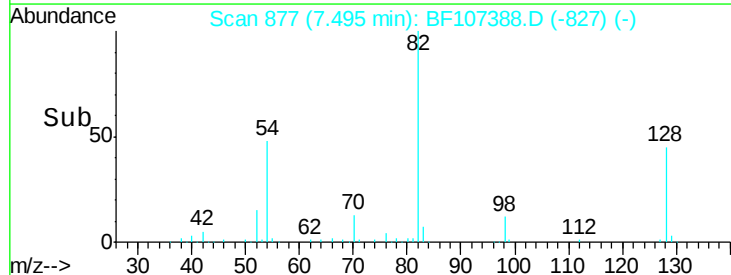
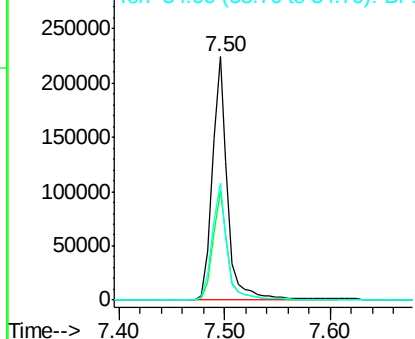


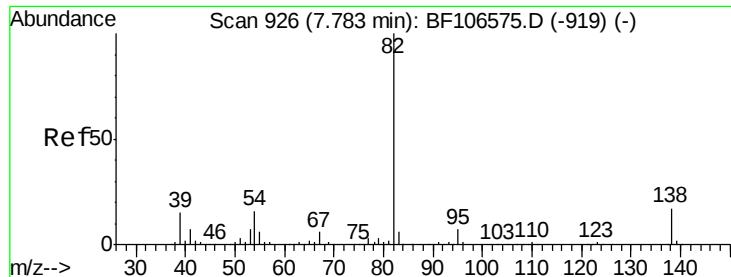
#23
Nitrobenzene-d5
Concen: 92.176 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

Tgt Ion:	82	Resp:	228598
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.1	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: 52.308 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107388.D

Acq: 14 Jul 2018 1:49

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-M

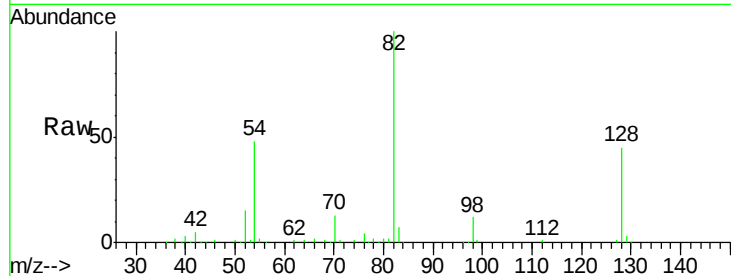
Tgt Ion: 82 Resp: 228596

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

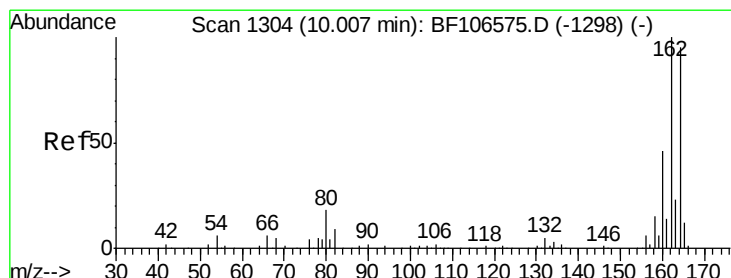
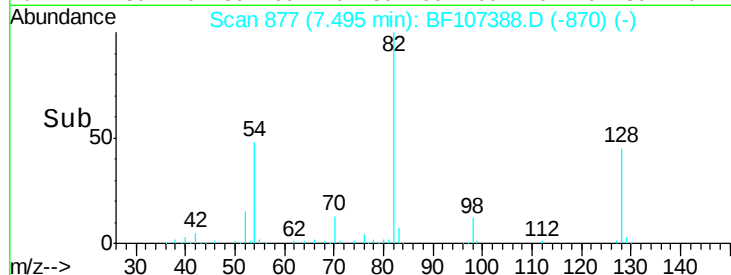
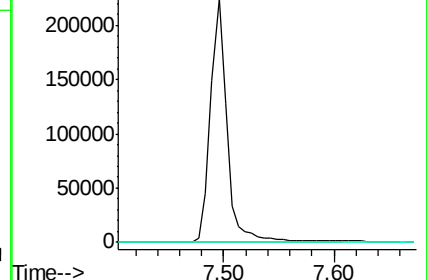
138 0.0 14.9 22.3#



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: BF107388.D

Acq: 14 Jul 2018 1:49

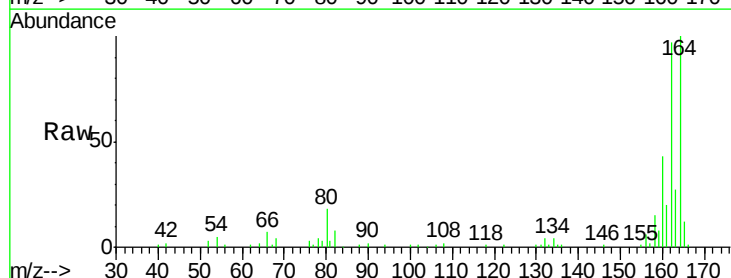
Tgt Ion: 164 Resp: 67991

Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

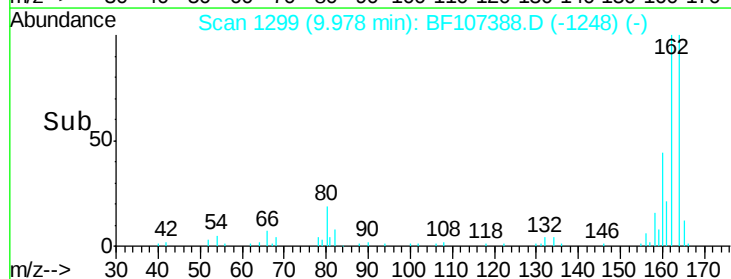
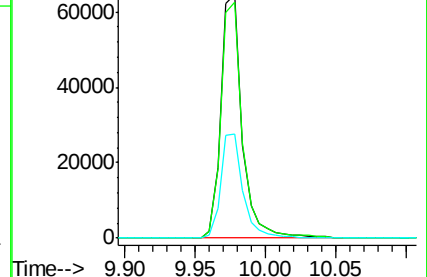
160 42.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

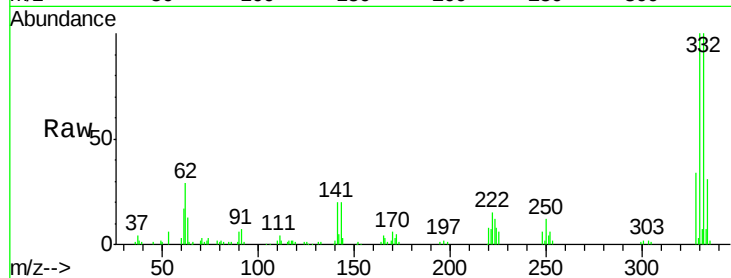




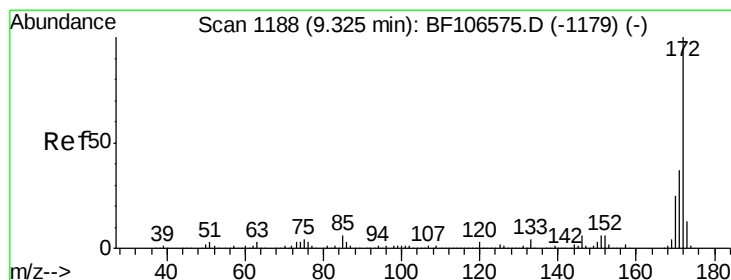
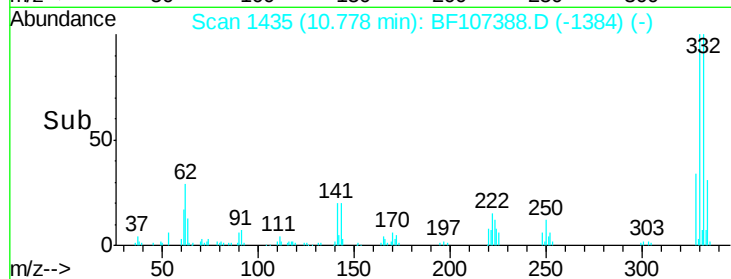
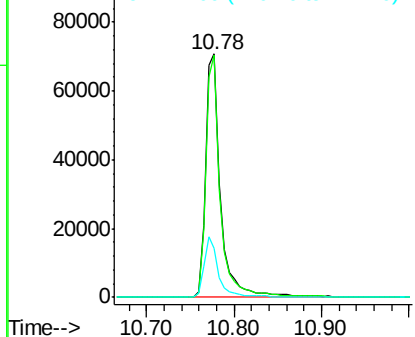
#41
 2,4,6-Tribromophenol
 Concen: 106.513 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107388.D
 Acq: 14 Jul 2018 1:49

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.8	29.9	44.9

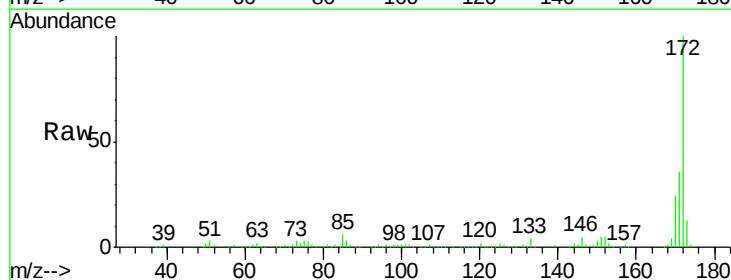


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

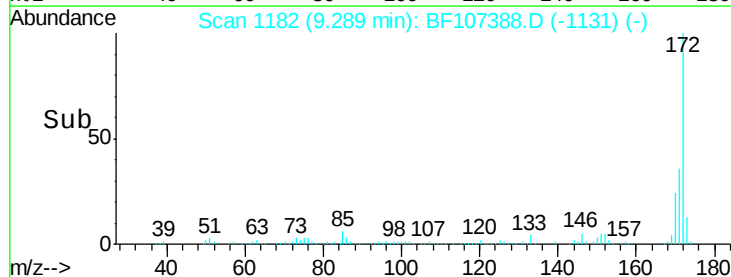
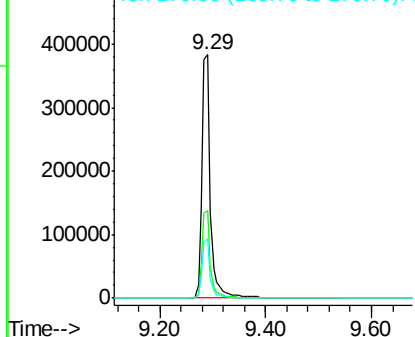


#44
 2-Fluorobiphenyl
 Concen: 112.038 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107388.D
 Acq: 14 Jul 2018 1:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	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

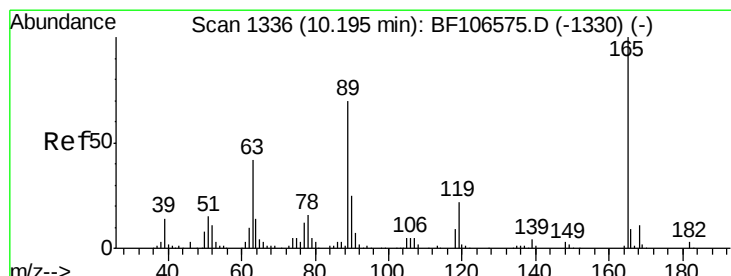
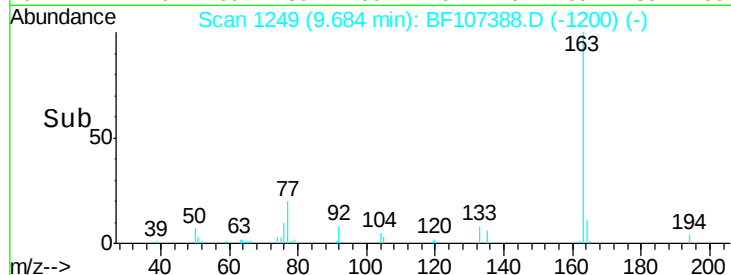
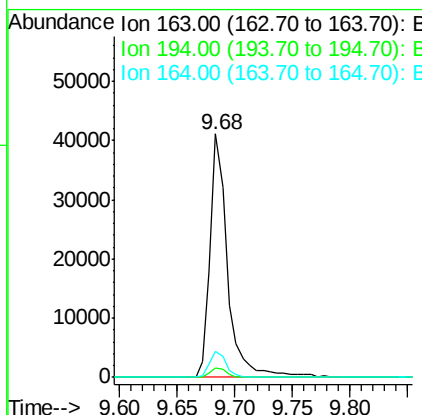
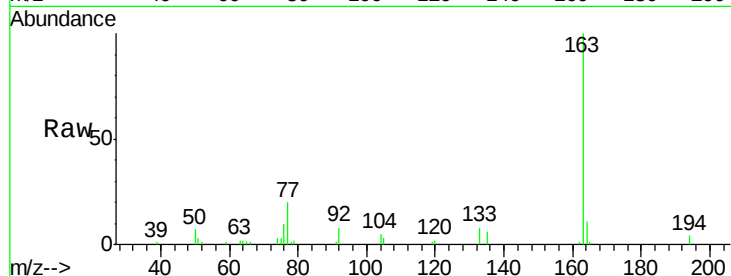




#49
Dimethylphthalate
Concen: 8.536 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

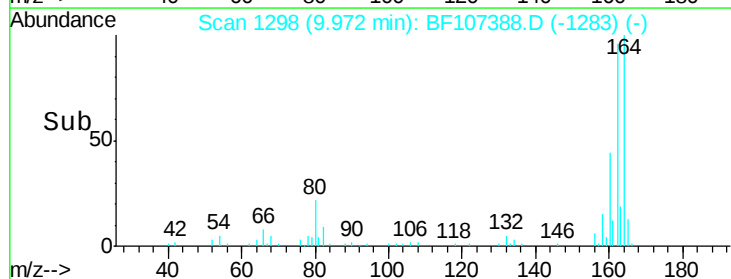
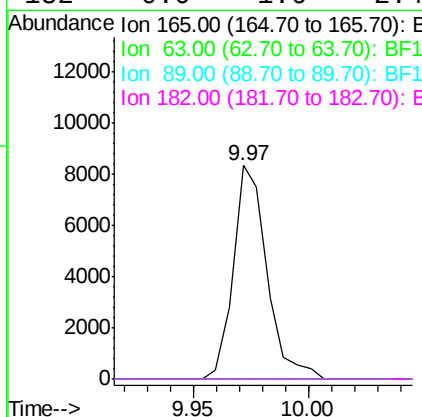
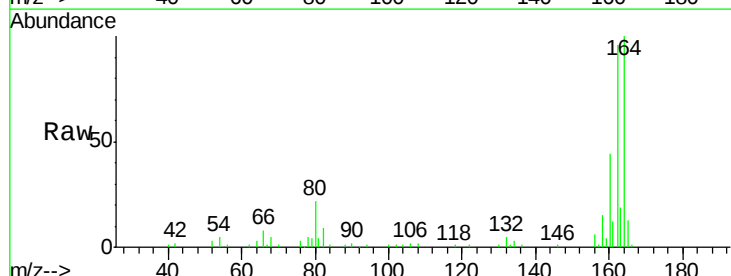
Instrument :
BNA_F
ClientSampleId :
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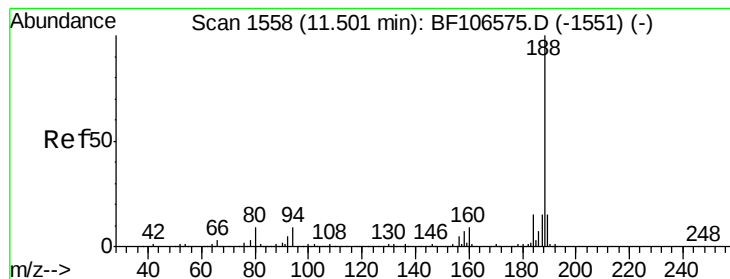
Tgt Ion:163 Resp: 43531
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

Tgt Ion:165 Resp: 8450
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: BF107388.D

Acq: 14 Jul 2018 1:49

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-M

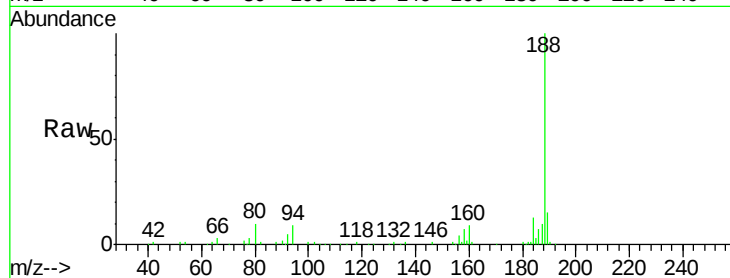
Tgt Ion:188 Resp: 149122

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

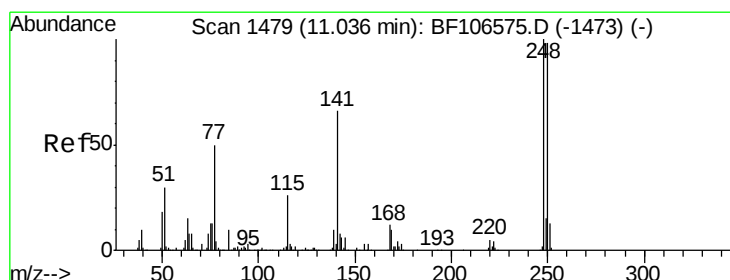
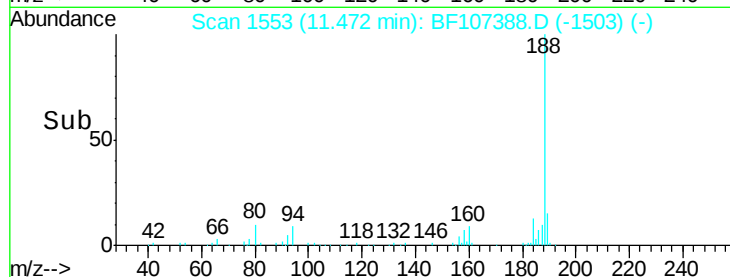
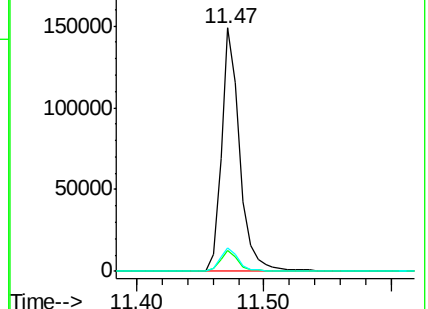
80 9.7 9.2 13.8



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: 2.809 ng

RT: 10.77 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF107388.D

Acq: 14 Jul 2018 1:49

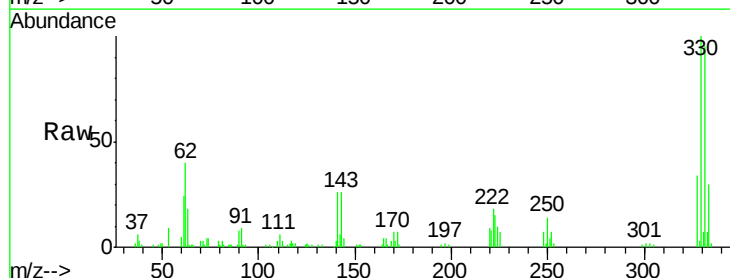
Tgt Ion:248 Resp: 5000

Ion Ratio Lower Upper

248 100

250 192.2 76.9 115.3#

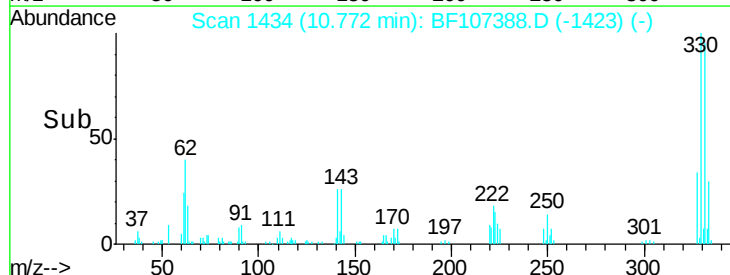
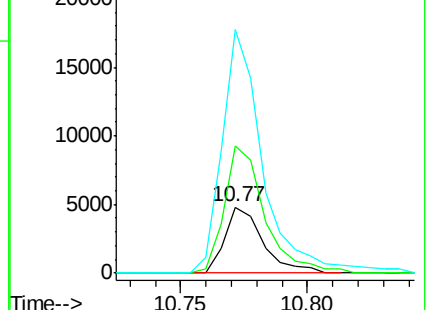
141 368.5 74.4 111.6#

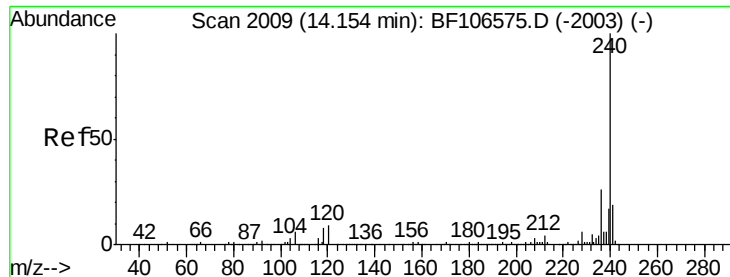


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF107388.D

Acq: 14 Jul 2018 1:49

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-M

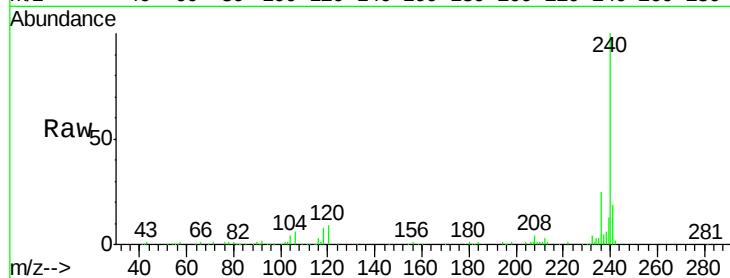
Tgt Ion:240 Resp: 143097

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

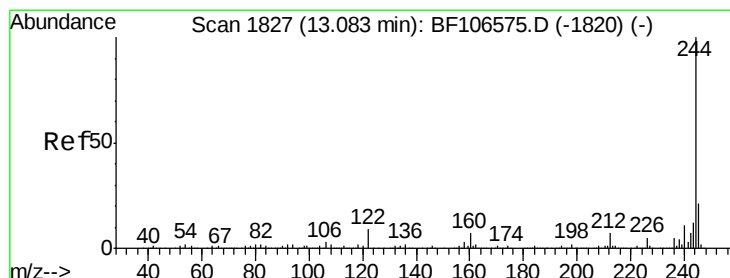
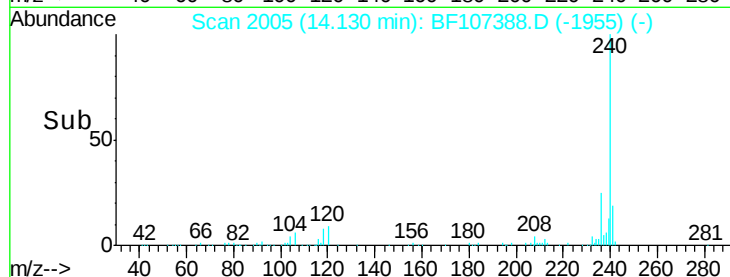
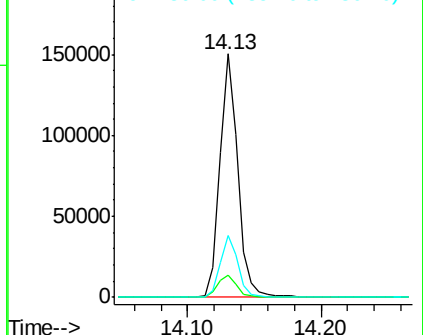
236 25.3 20.7 31.1



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: 109.905 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107388.D

Acq: 14 Jul 2018 1:49

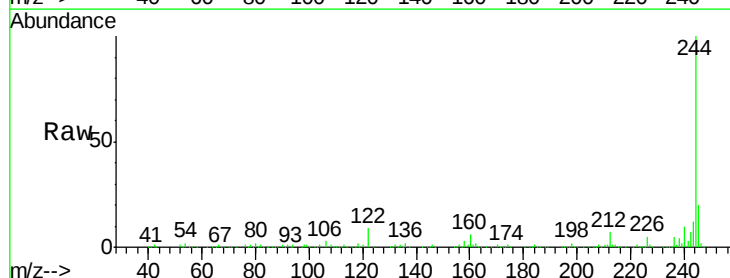
Tgt Ion:244 Resp: 649261

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

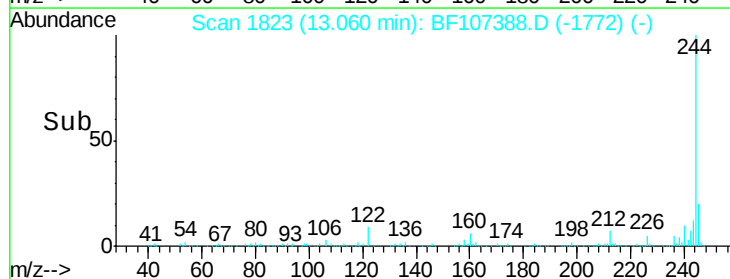
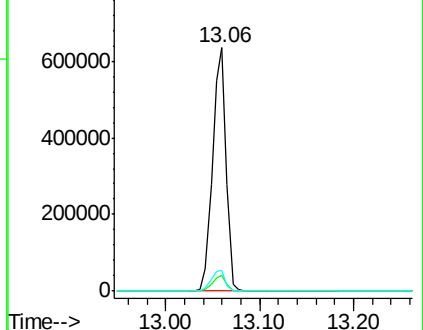
122 8.7 11.0 16.4#

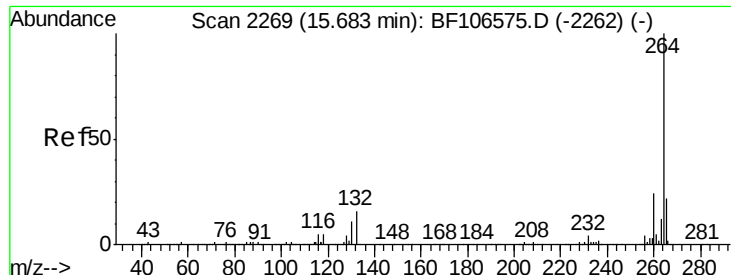


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

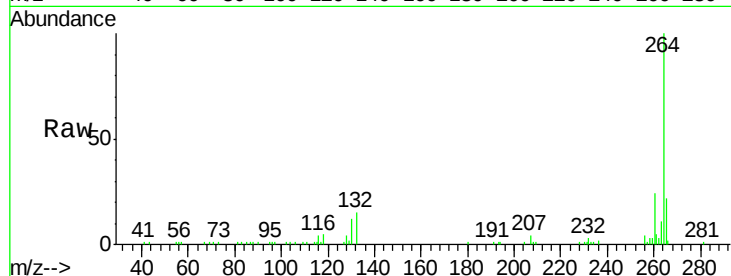




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107388.D
Acq: 14 Jul 2018 1:49

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

Tgt Ion:	264	Resp:	100113
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	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

