

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107159.D
 Acq On : 6 Jul 2018 8:13
 Operator : JU/SJ
 Sample : J3851-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

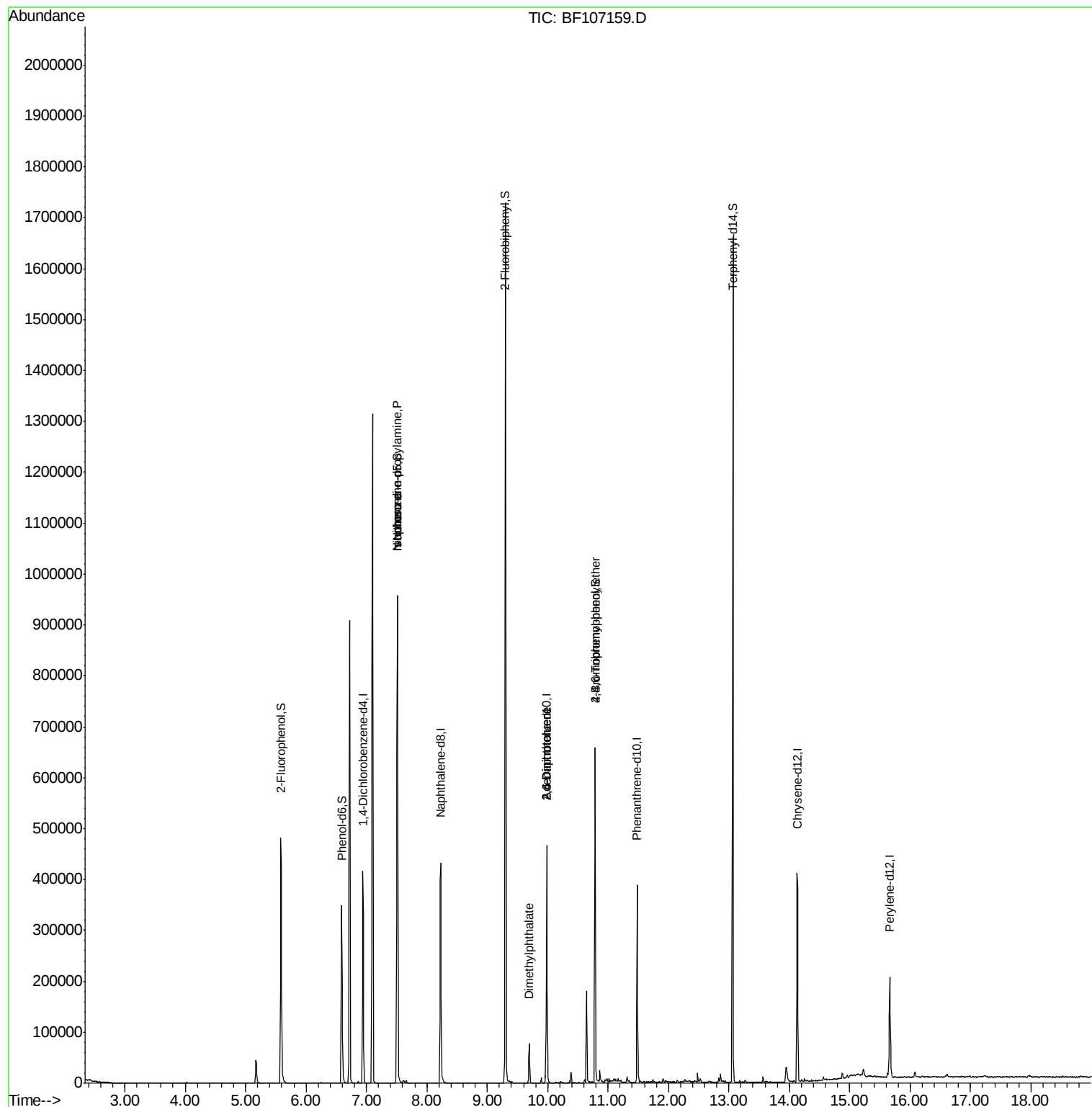
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62812	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	231445	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	101661	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	161775	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	164318	20.00	ng	-0.04
86) Perylene-d12	15.67	264	112364	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154148	41.56	ng	-0.02
7) Phenol-d6	6.59	99	135123	29.17	ng	-0.02
23) Nitrobenzene-d5	7.51	82	350388	84.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	95561	81.10	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	612162	105.48	ng	-0.02
78) Terphenyl-d14	13.07	244	626162	92.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	45699	14.966	ng	# 72
25) Isophorone	7.51	82	350386	47.745	ng	# 64
49) Dimethylphthalate	9.70	163	37743	4.950	ng	# 96
50) 2,6-Dinitrotoluene	9.98	165	12878	7.976	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	12878	6.111	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5831	3.020	ng	# 1

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

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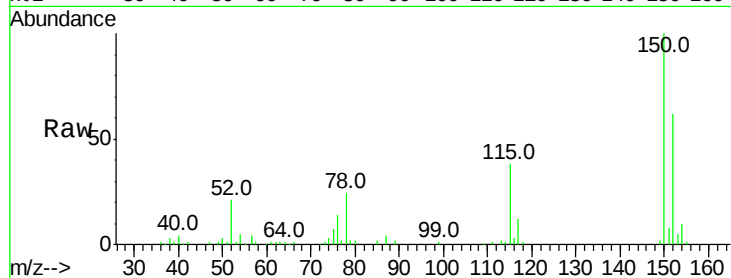


#1

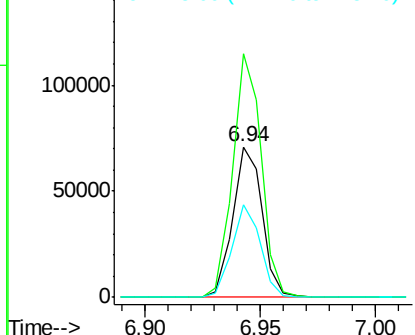
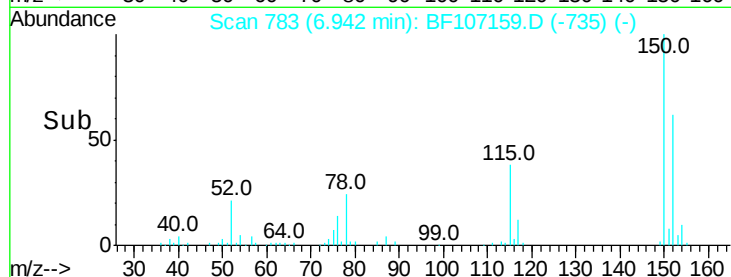
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62812
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 61.6 50.1 75.1



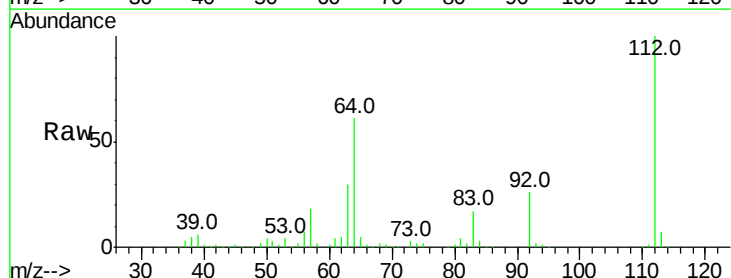
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



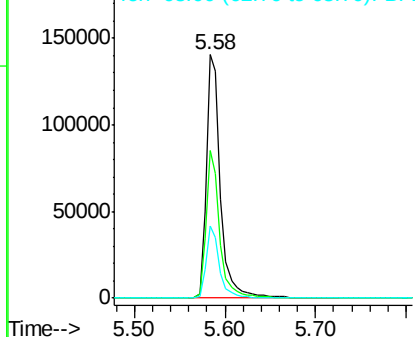
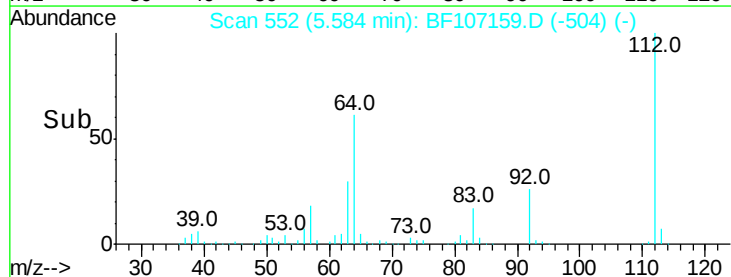
#5

2-Fluorophenol
Concen: 41.556 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Tgt Ion:112 Resp: 154148
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 29.8 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: 29.170 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Instrument :

BNA_F

ClientSampleId :

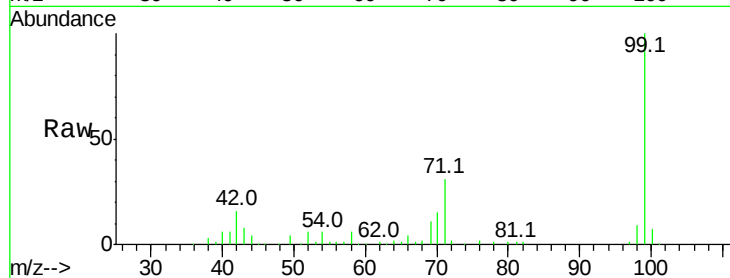
Tot Ion: 99 Resp: 135123

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

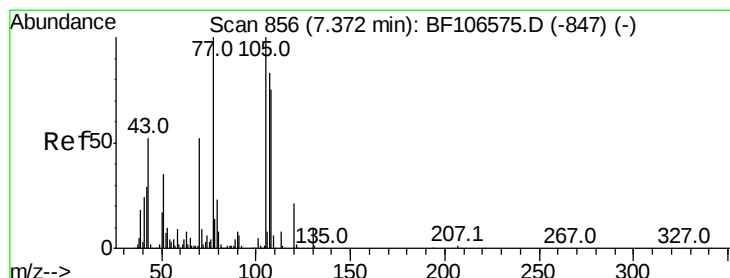
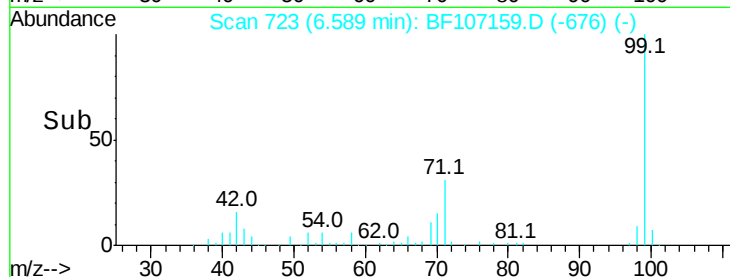
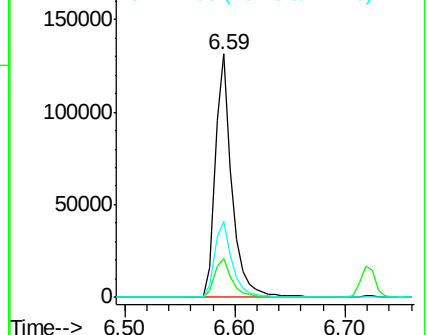
71 31.0 25.4 38.0



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: 14.966 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Tgt Ion: 70 Resp: 45699

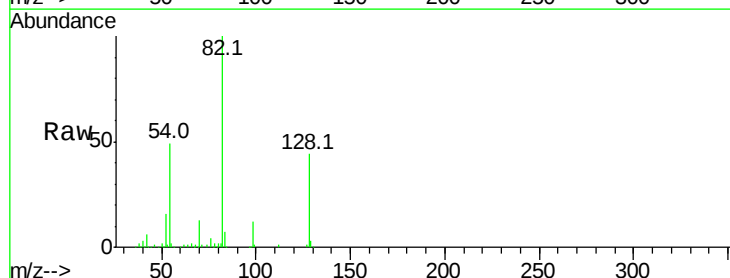
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

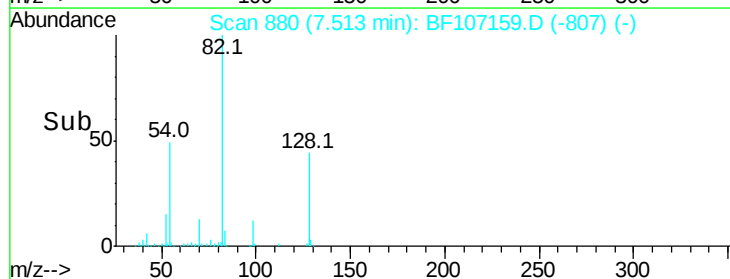
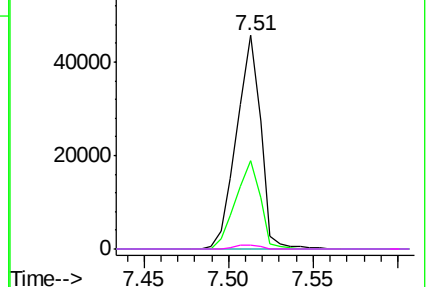


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 231445

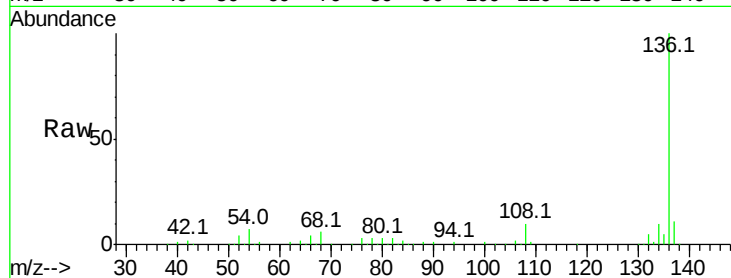
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

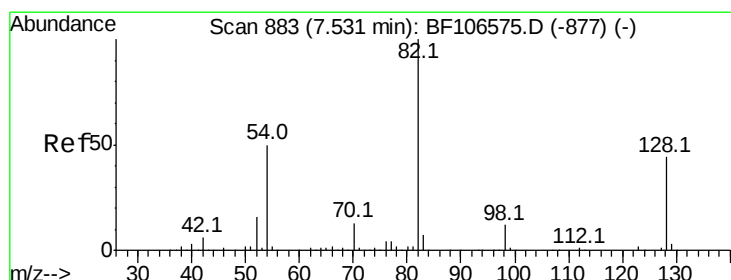
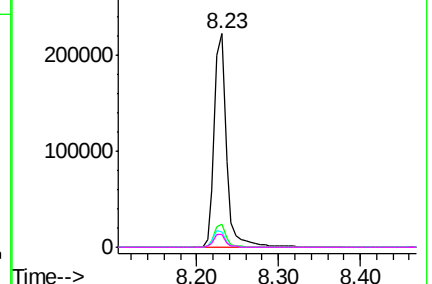
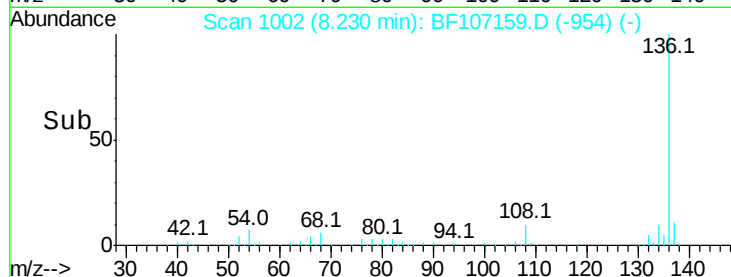


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.134 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

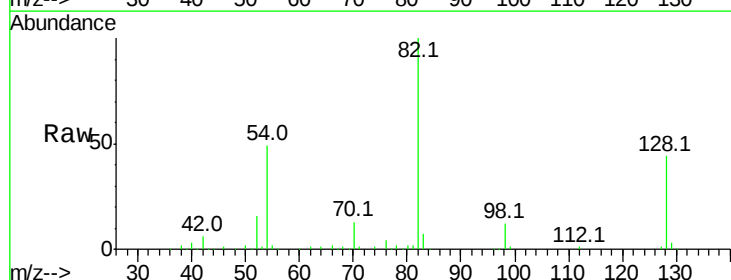
Tgt Ion: 82 Resp: 350388

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

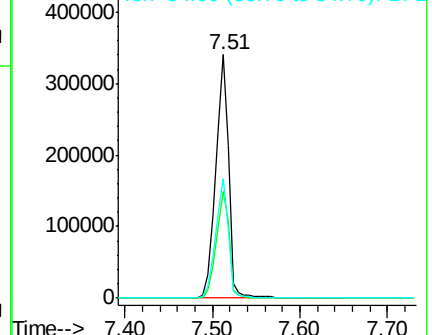
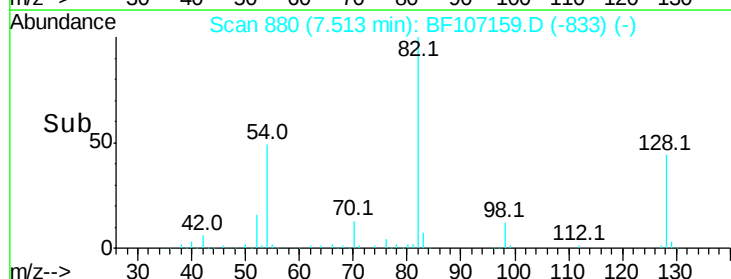
54 49.1 41.4 62.2

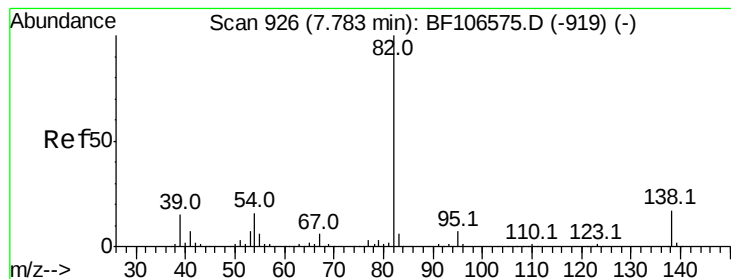


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.745 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Instrument :

BNA_F

ClientSampled :

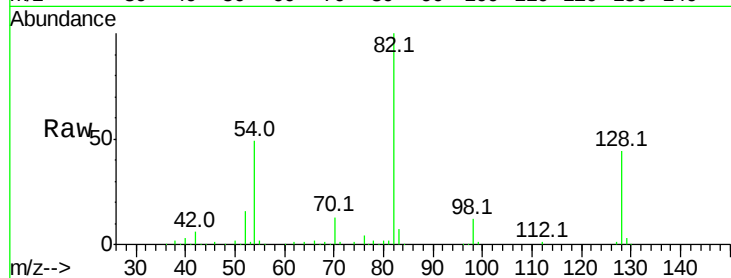
Tot Ion: 82 Resp: 350386

Ion Ratio Lower Upper

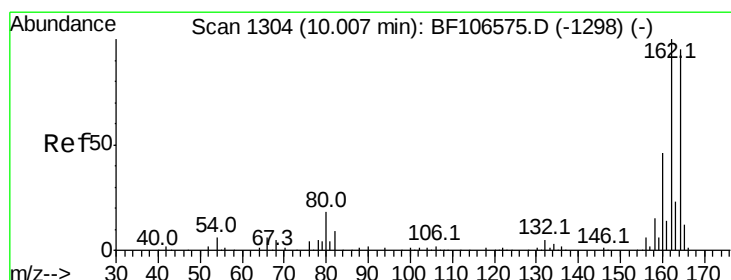
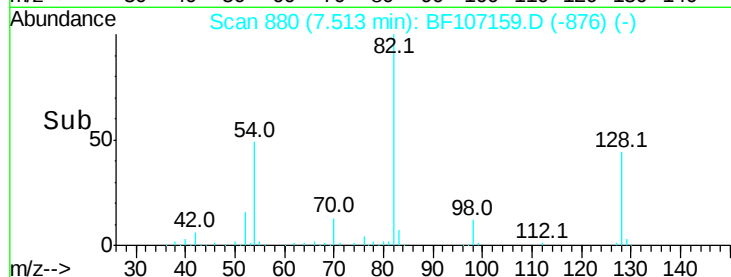
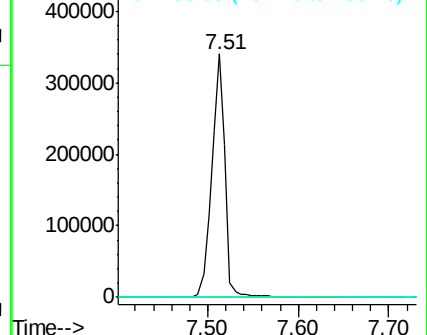
82 100

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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

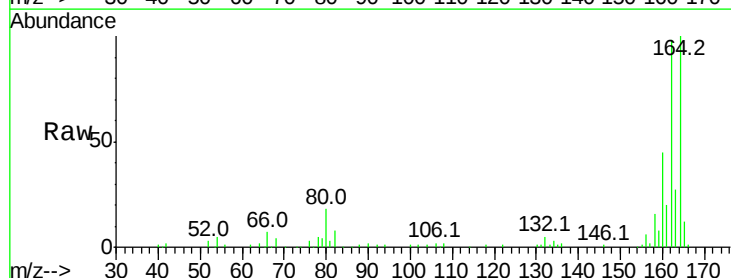
Tgt Ion:164 Resp: 101661

Ion Ratio Lower Upper

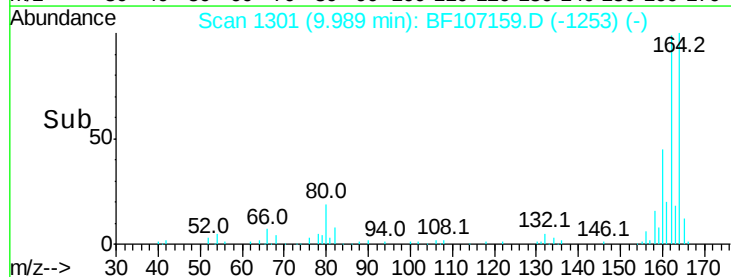
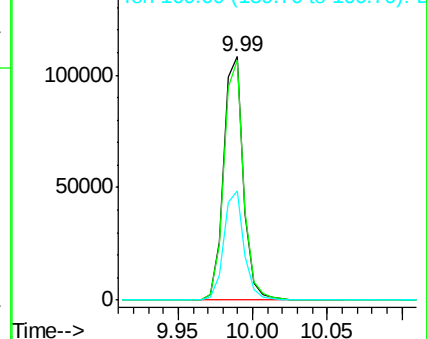
164 100

162 98.3 86.1 129.1

160 44.6 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

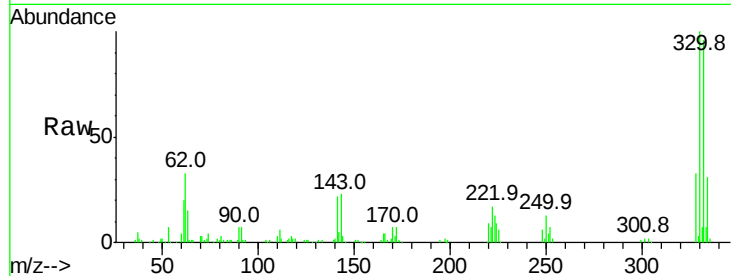




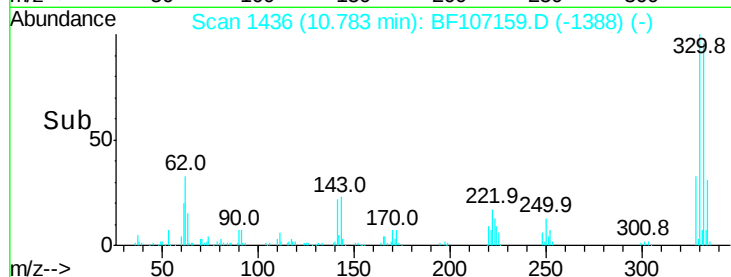
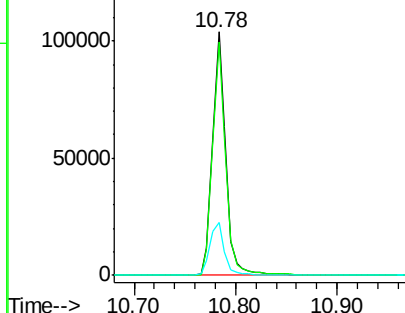
#41
 2,4,6-Tribromophenol
 Concen: 81.102 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	23.3	29.9	44.9#

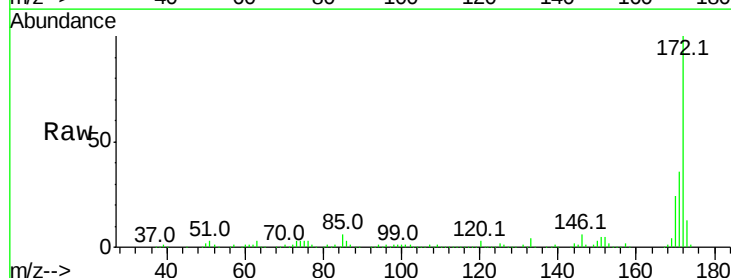


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

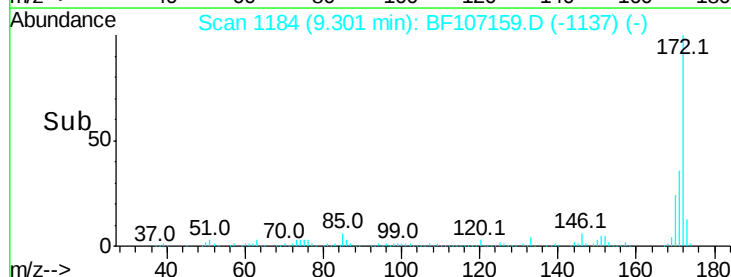
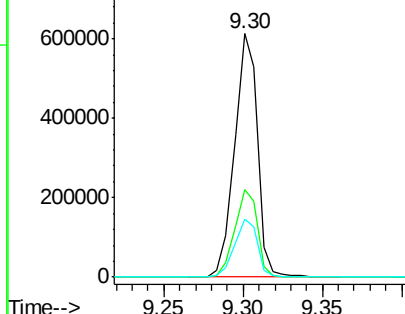


#44
 2-Fluorobiphenyl
 Concen: 105.477 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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

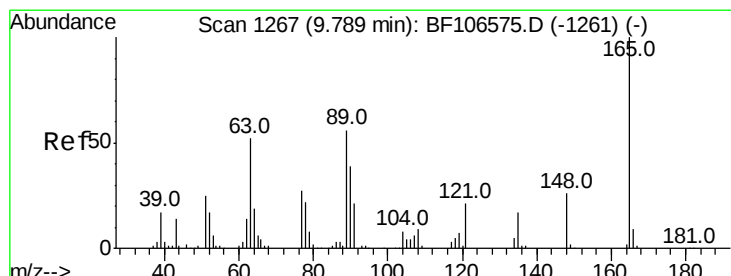
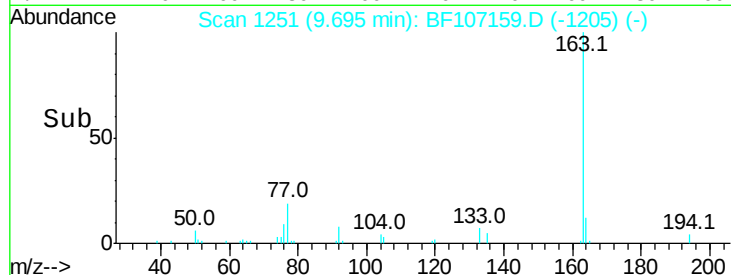
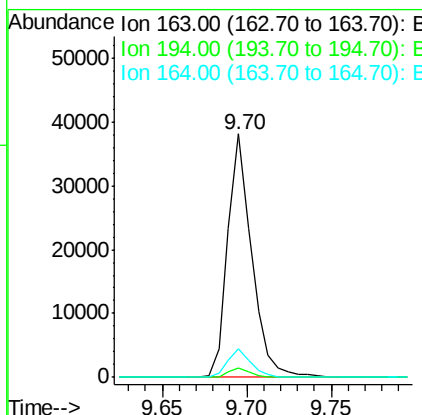
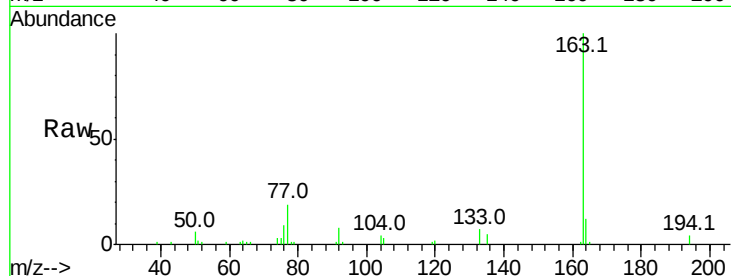




#49
Dimethylphthalate
Concen: 4.950 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

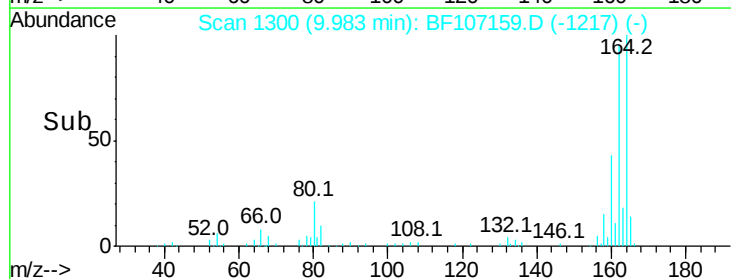
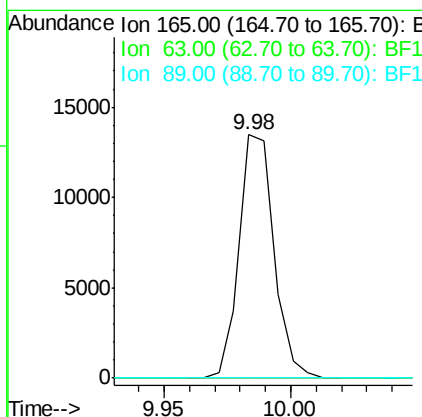
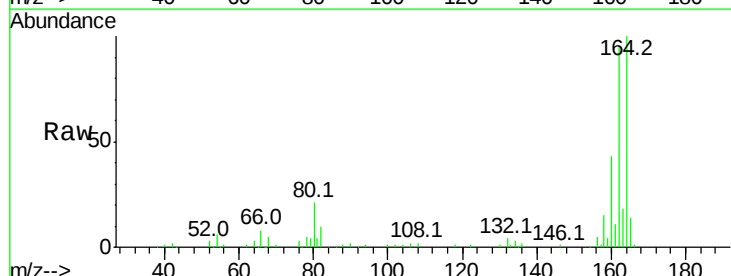
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 37743
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 12.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Tgt Ion:165 Resp: 12878
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

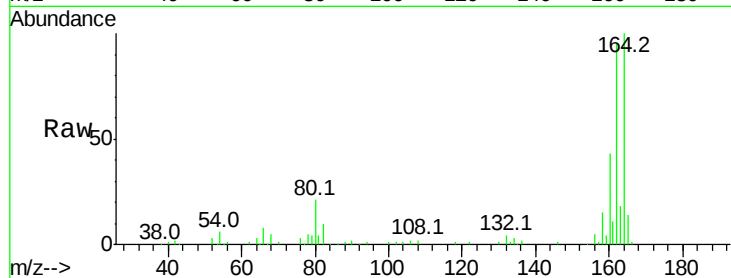




#56
 2,4-Dinitrotoluene
 Concen: 6.111 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	12878
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#

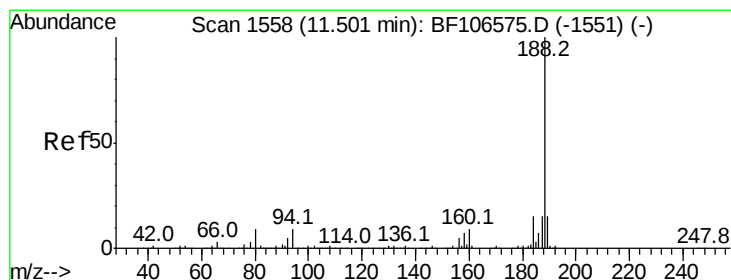
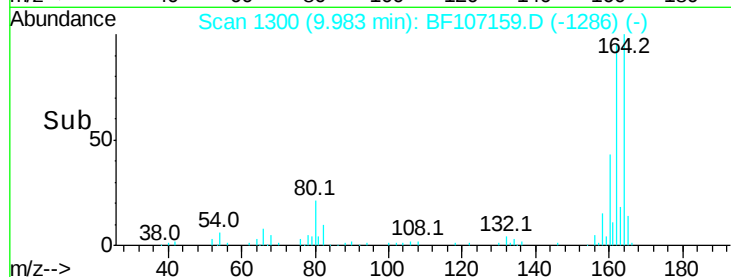
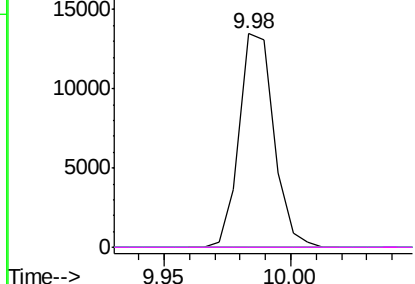


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

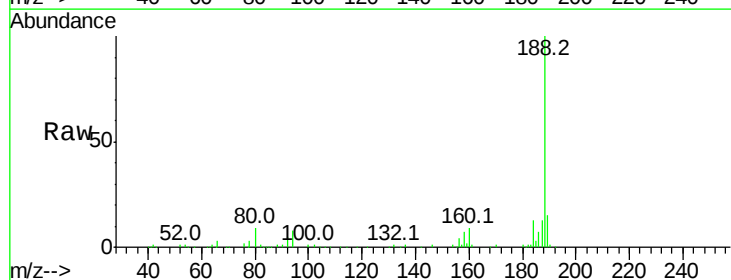
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

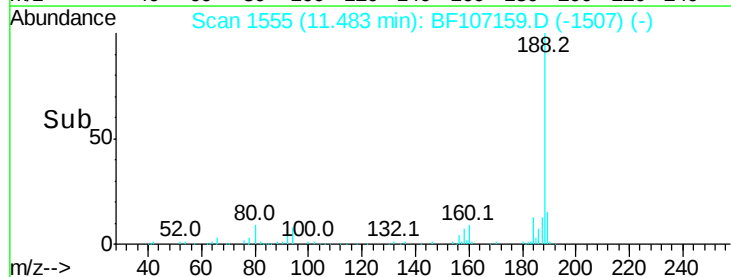
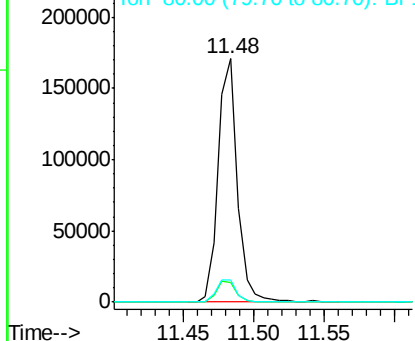
Tgt Ion:188	Resp:	161775
Ion Ratio	Lower	Upper
188	100	
94	8.0	8.5 12.7#
80	8.9	9.2 13.8#



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

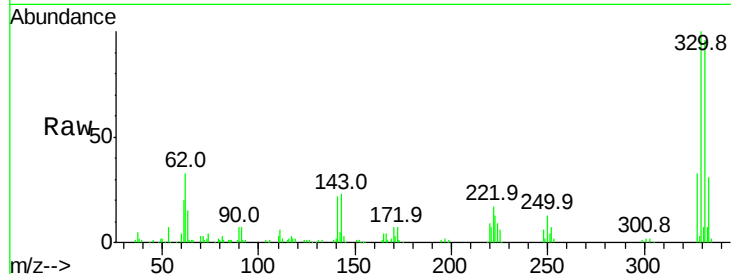




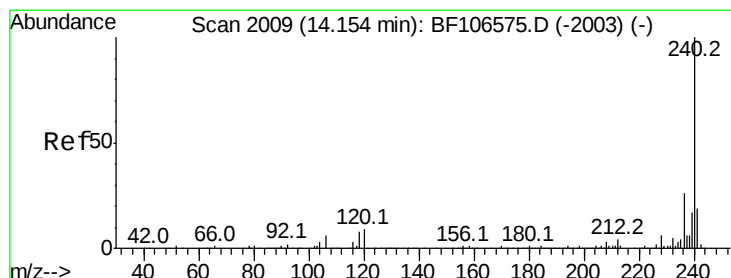
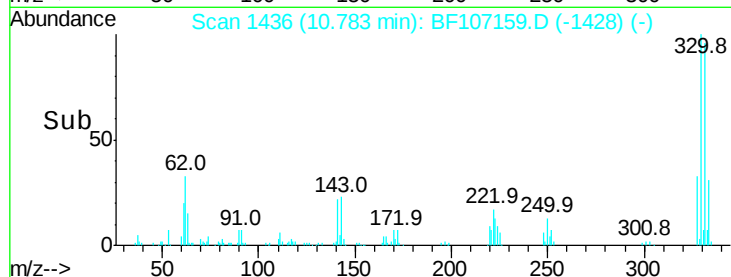
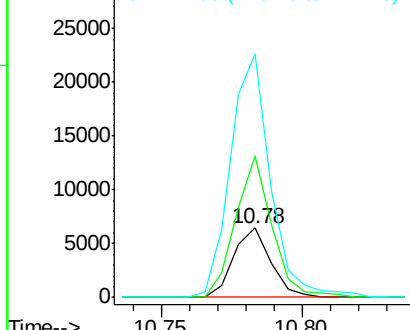
#66
4-Bromophenyl-phenylether
Concen: 3.020 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5831
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 351.4 74.4 111.6#

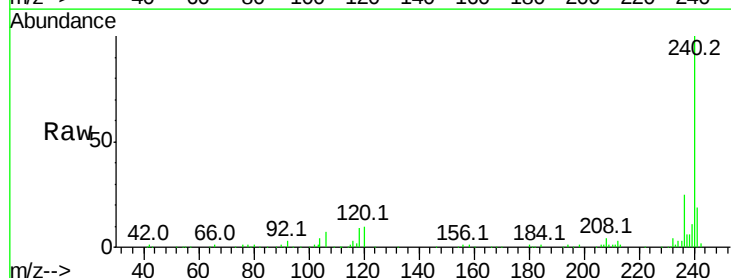


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

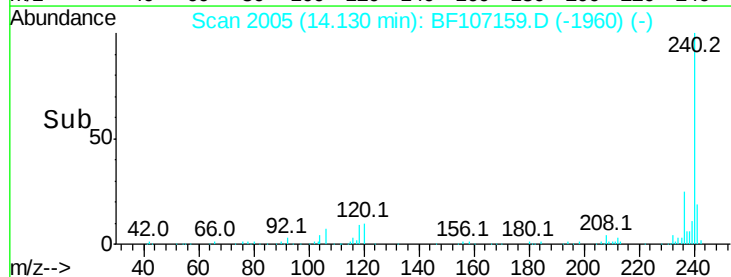
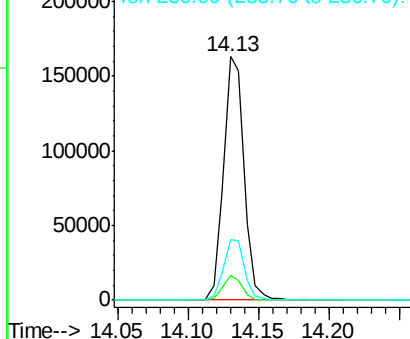


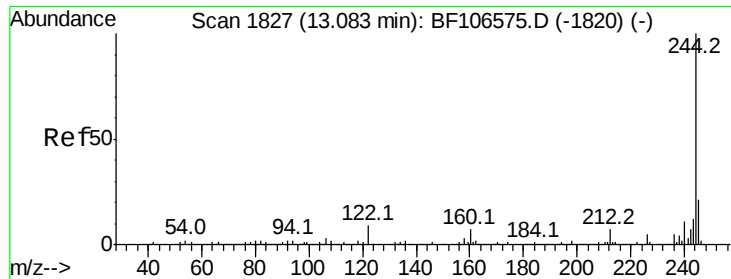
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Tgt Ion:240 Resp: 164318
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 24.9 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

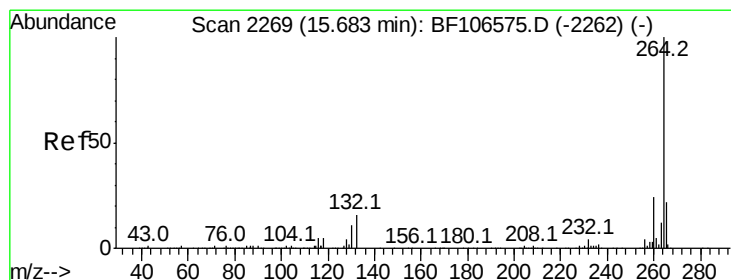
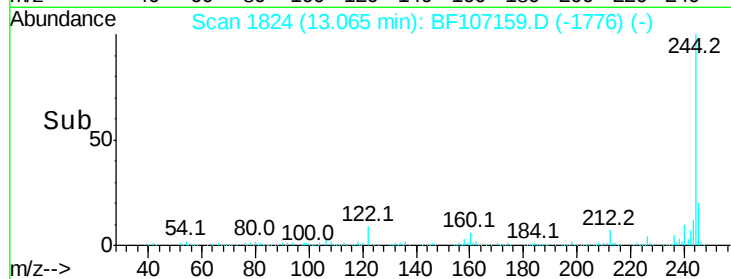
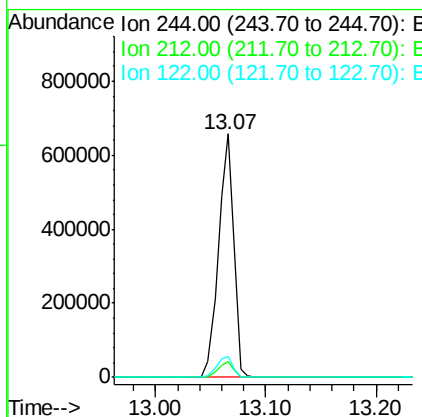
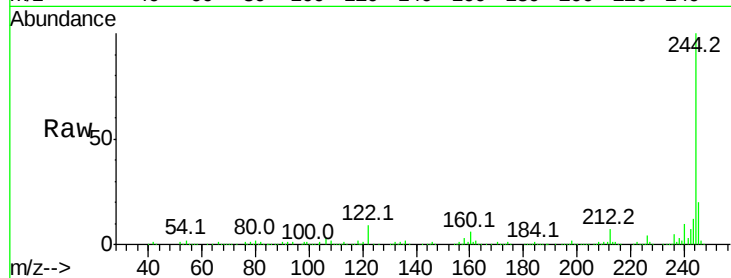




#78
 Terphenyl-d14
 Concen: 92.306 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 626162
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Tgt Ion:264 Resp: 112364
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.5 26.3

