

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
 Data File : BF107118.D
 Acq On : 5 Jul 2018 11:18
 Operator : JU/SJ
 Sample : PB110801BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Quant Time: Jul 05 11:57:39 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

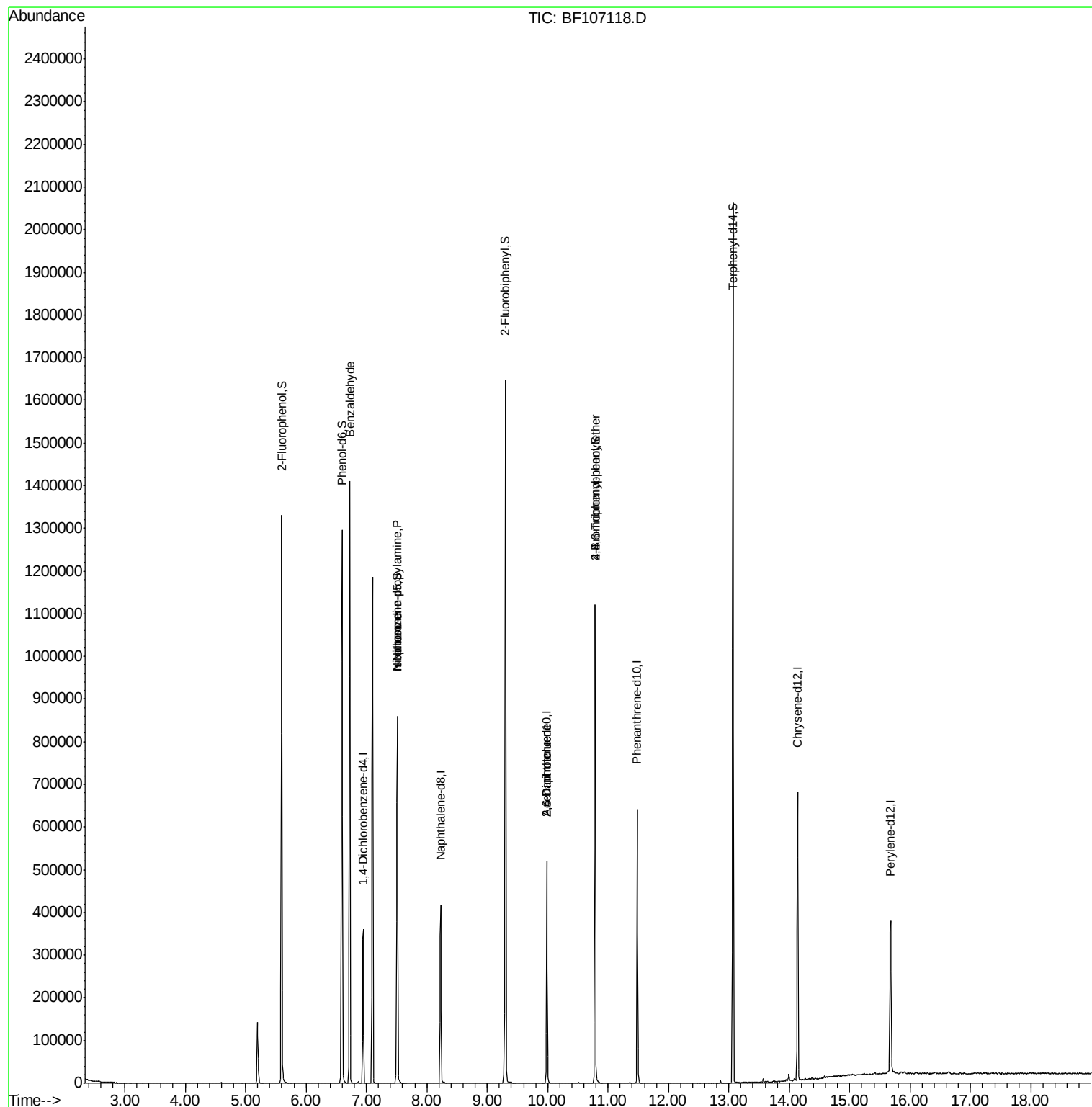
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56415	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	216576	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	114896	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	244372	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	249441	20.00	ng	-0.03
86) Perylene-d12	15.68	264	200170	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	402303	120.75	ng	0.00
7) Phenol-d6	6.60	99	506166	121.66	ng	-0.02
23) Nitrobenzene-d5	7.51	82	324865	83.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	187349	140.69	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	636136	95.54	ng	-0.02
78) Terphenyl-d14	13.07	244	855097	83.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.72	77	9115	2.597	ng	89
19) n-Nitroso-di-n-propylamine	7.51	70	41868	15.266	ng	# 74
25) Isophorone	7.51	82	324861	47.306	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	14414	7.899	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	14414	6.052	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	11070	3.796	ng	# 1

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

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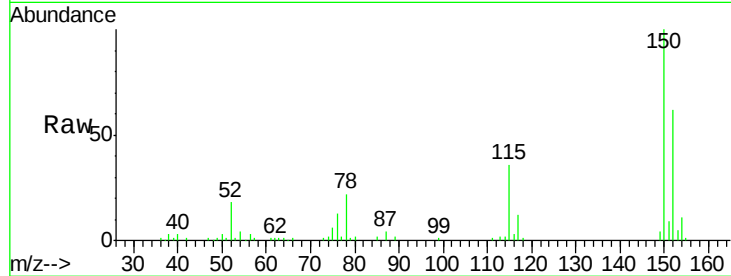


#1

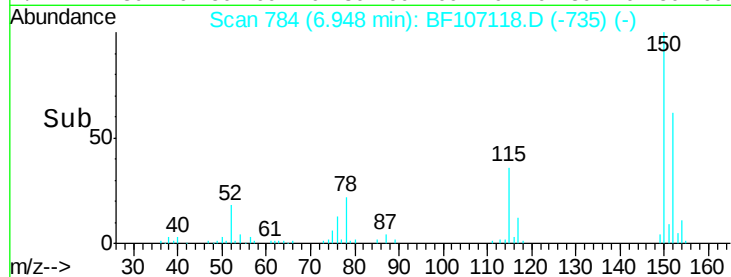
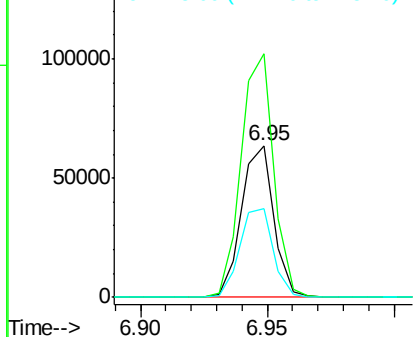
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB110801BL

Tgt Ion:152 Resp: 56415
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 58.4 50.1 75.1



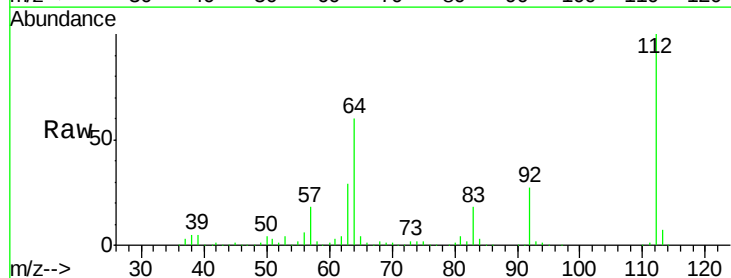
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



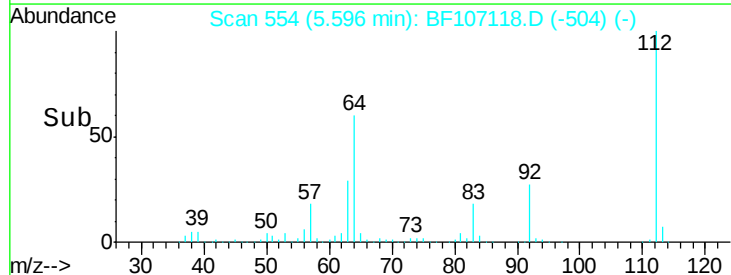
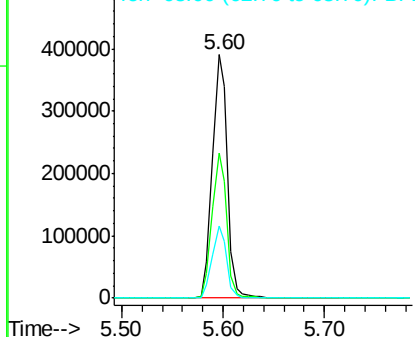
#5

2-Fluorophenol
Concen: 120.753 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Tgt Ion:112 Resp: 402303
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.4 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: 121.658 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107118.D

Acq: 5 Jul 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB110801BL

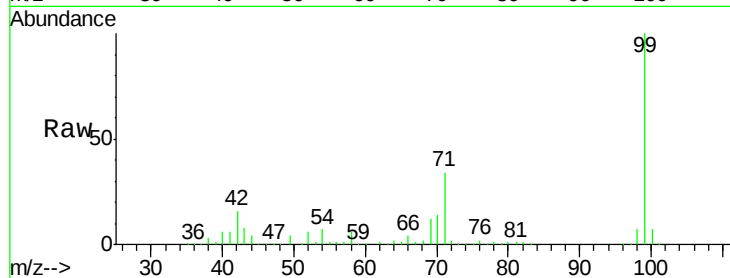
Tgt Ion: 99 Resp: 506166

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

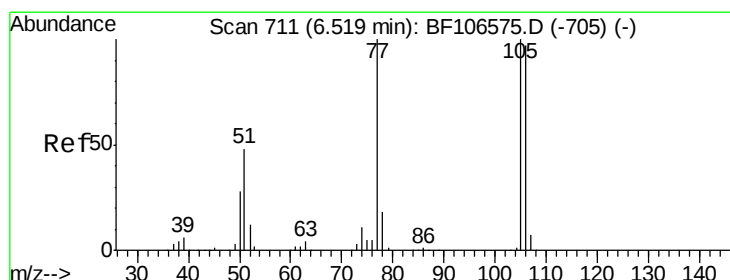
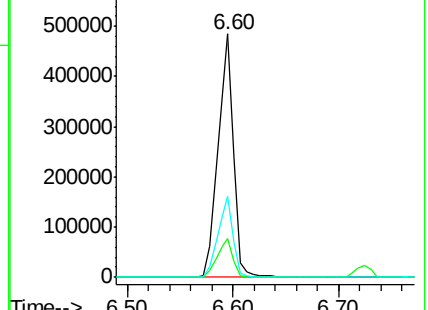
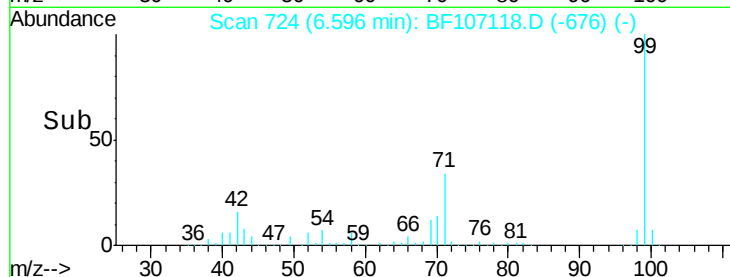
71 33.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.597 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107118.D

Acq: 5 Jul 2018 11:18

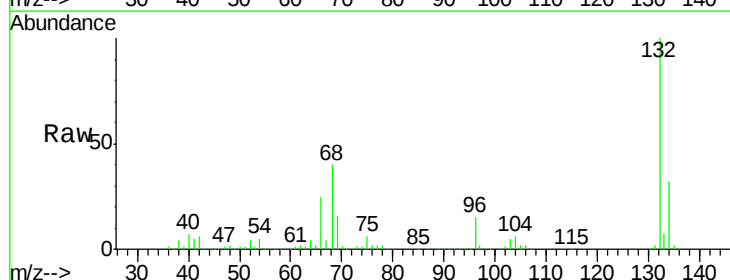
Tgt Ion: 77 Resp: 9115

Ion Ratio Lower Upper

77 100

105 93.4 81.1 121.1

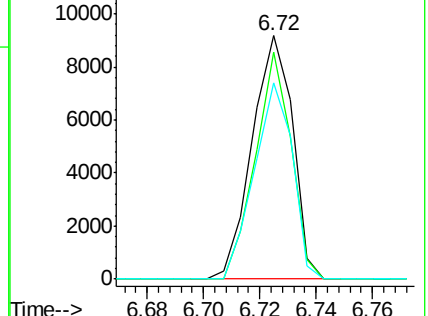
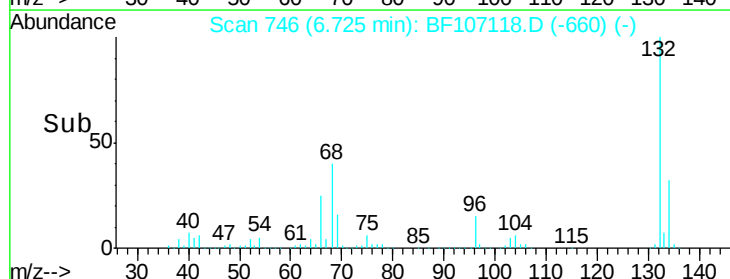
106 80.5 74.5 114.5

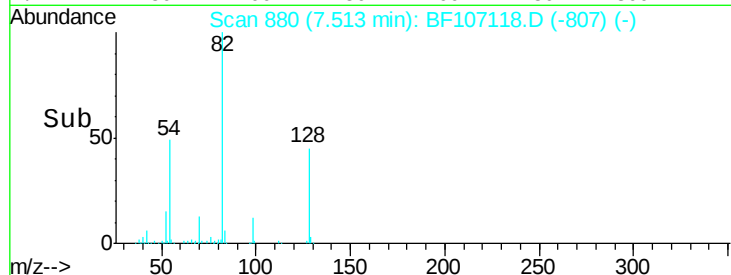
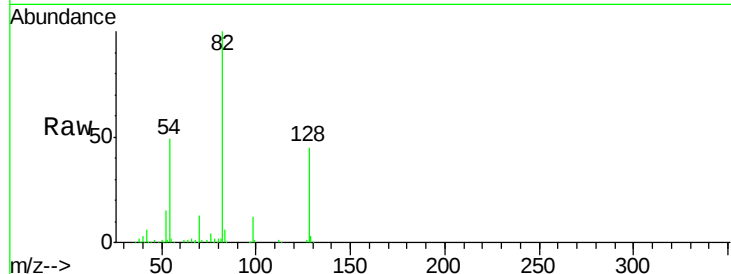


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

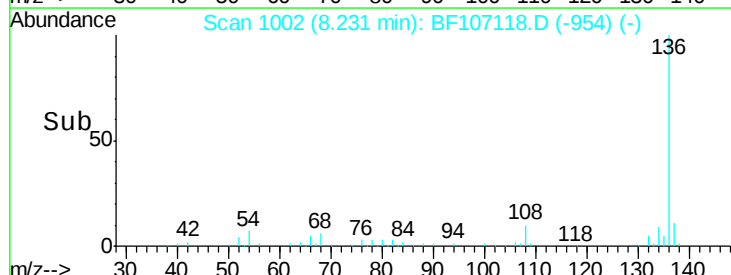
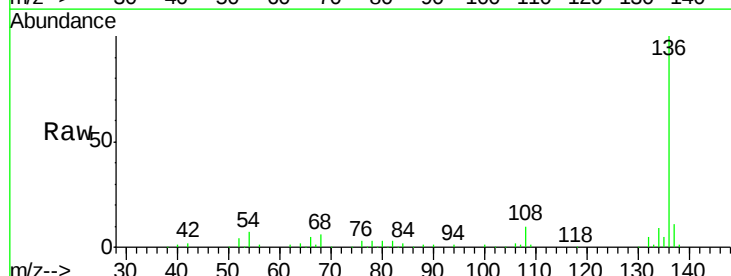
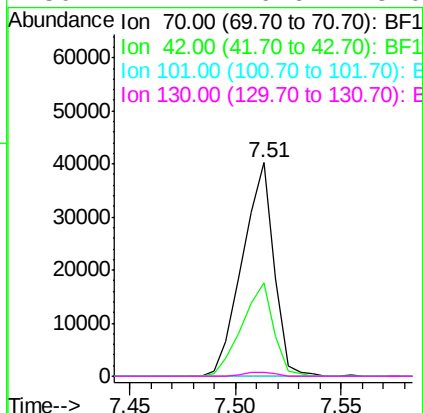




#19
n-Nitroso-di-n-propylamine
Concen: 15.266 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

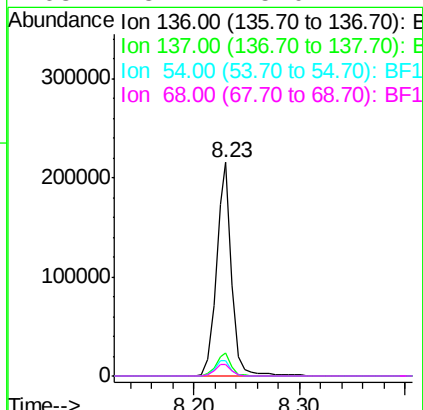
Instrument :
BNA_F
ClientSampleId :
PB110801BL

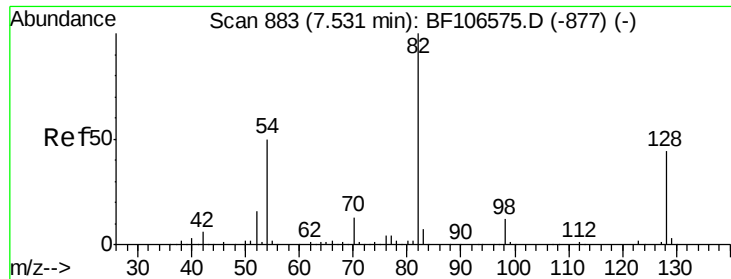
Tgt Ion:	70	Resp:	41868
Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Tgt Ion:	136	Resp:	216576
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

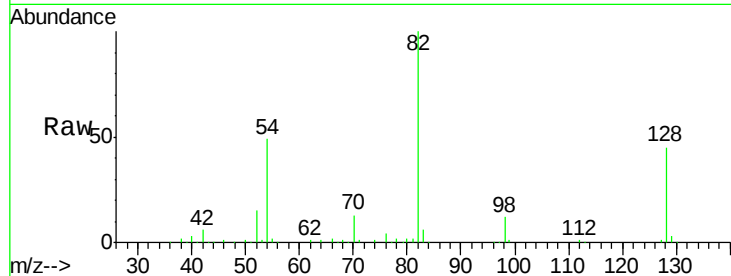




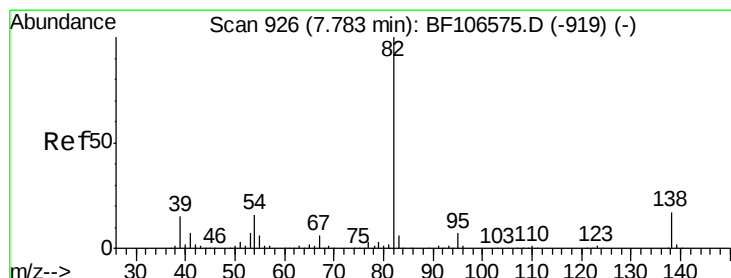
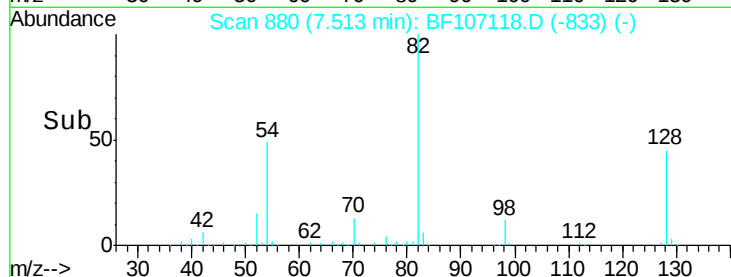
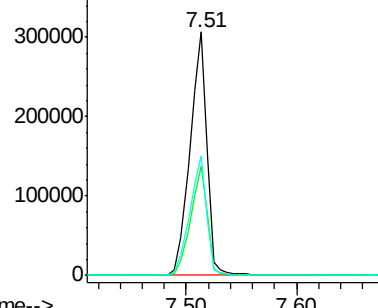
#23
 Nitrobenzene-d5
 Concen: 83.361 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Tgt Ion: 82 Resp: 324865
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 48.8 41.4 62.2

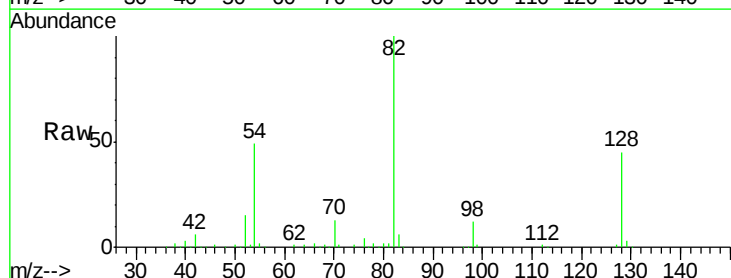


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

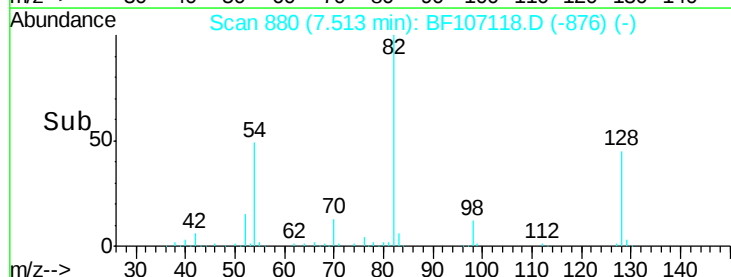
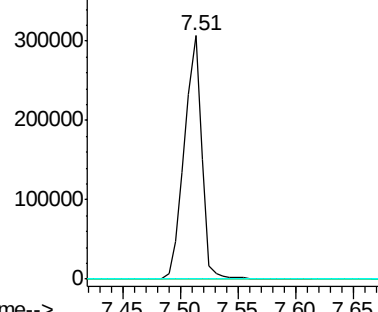


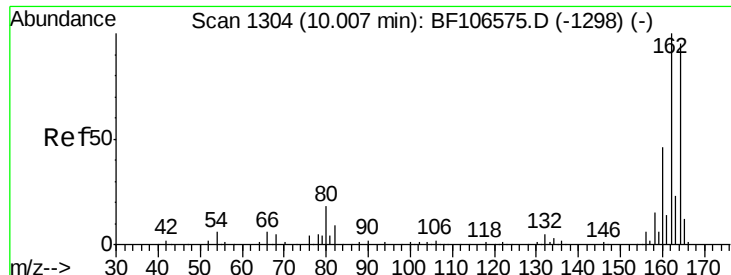
#25
 Isophorone
 Concen: 47.306 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion: 82 Resp: 324861
 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

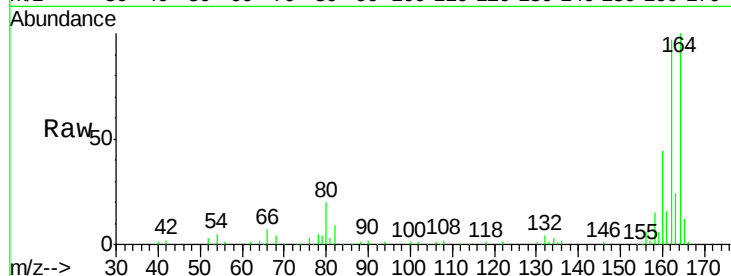




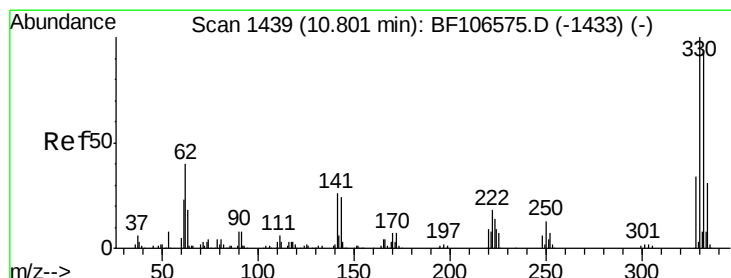
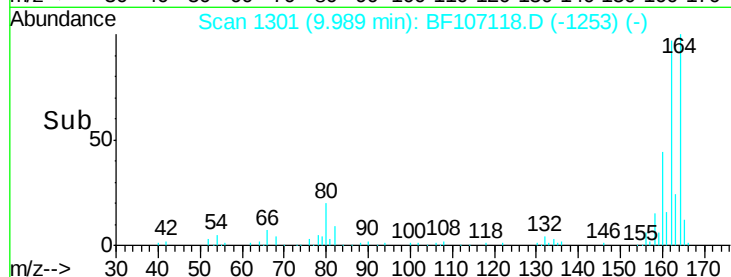
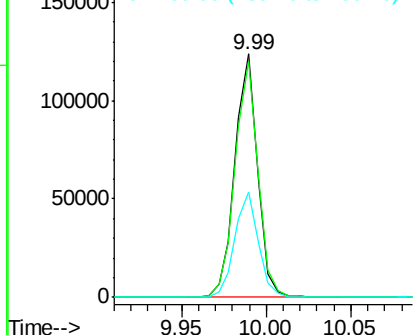
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Tgt Ion:164 Resp: 114896
 Ion Ratio Lower Upper
 164 100
 162 96.7 86.1 129.1
 160 43.5 38.3 57.5

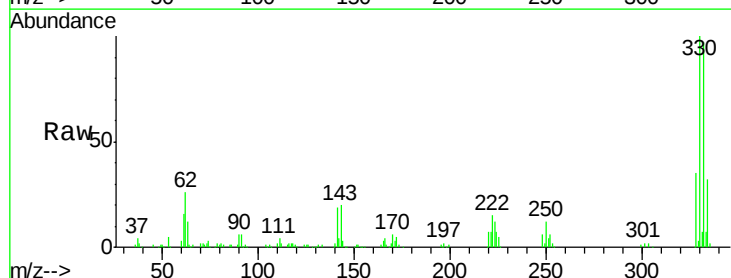


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

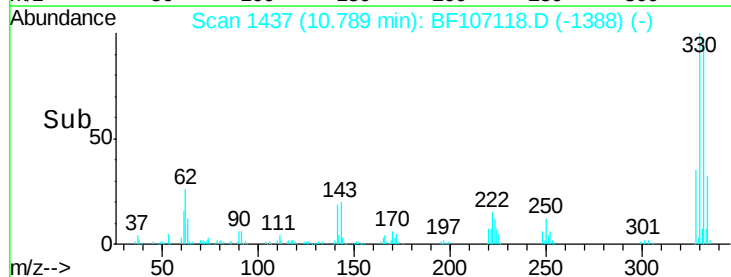
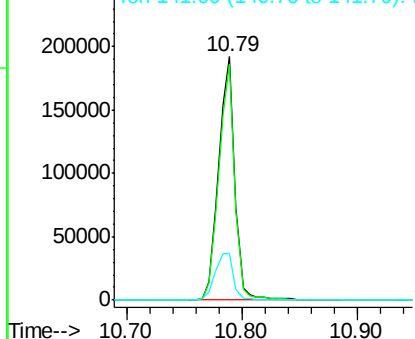


#41
 2,4,6-Tribromophenol
 Concen: 140.687 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion:330 Resp: 187349
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 21.9 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

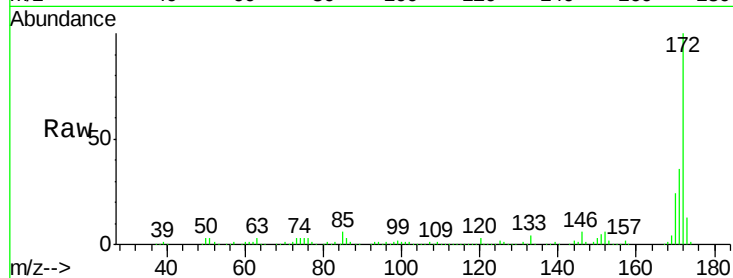




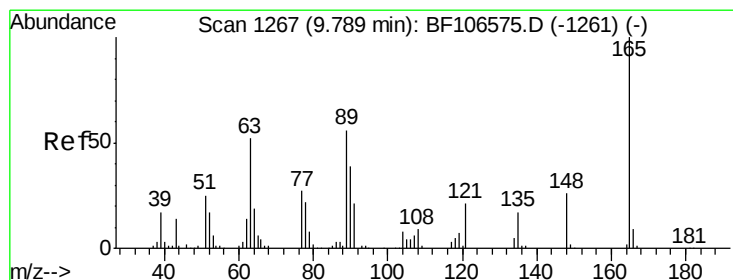
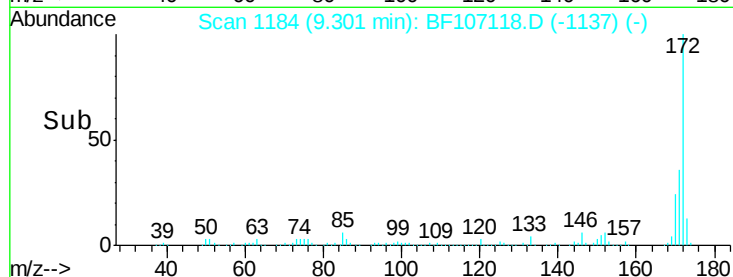
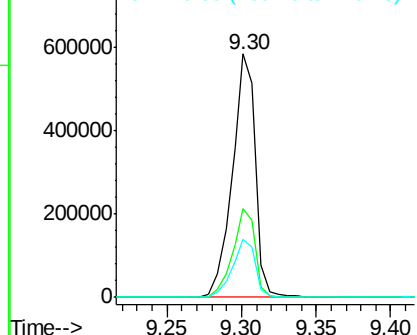
#44
 2-Fluorobiphenyl
 Concen: 95.544 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Tgt Ion:172 Resp: 636136
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.8 19.6 29.4

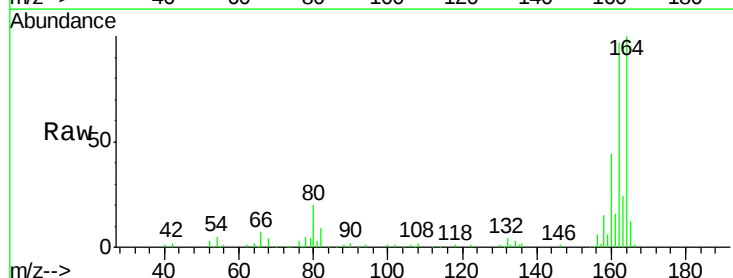


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

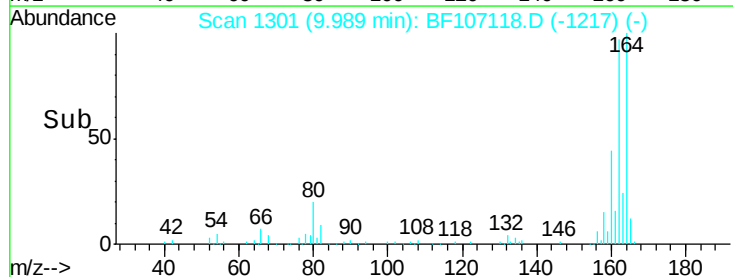
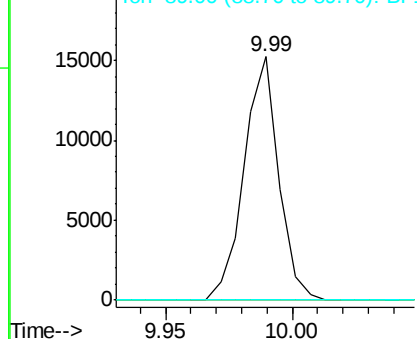


#50
 2,6-Dinitrotoluene
 Concen: 7.899 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. 0.19 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion:165 Resp: 14414
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



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

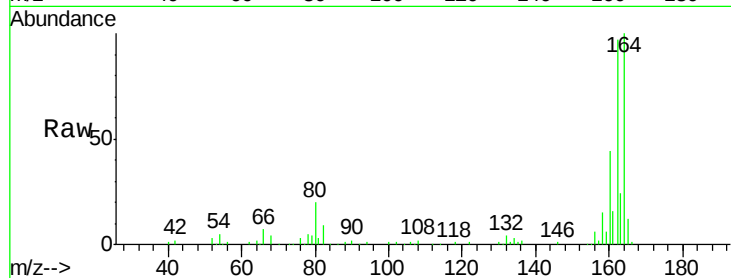




#56
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB110801BL

Tgt 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#

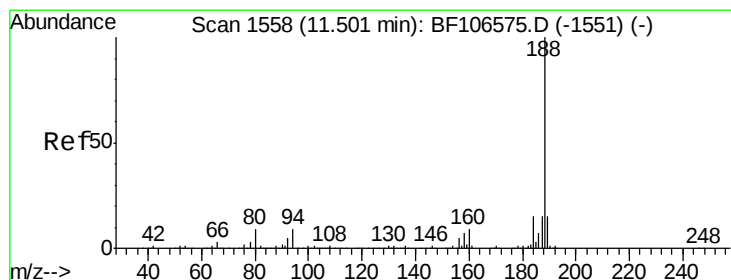
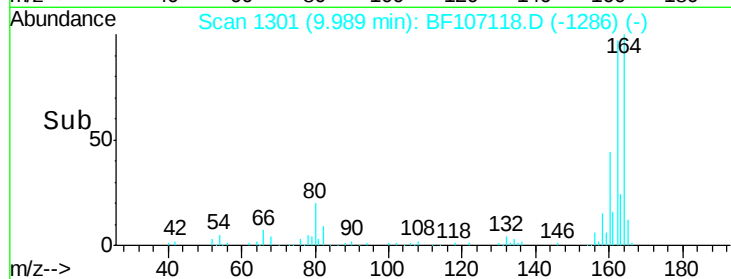
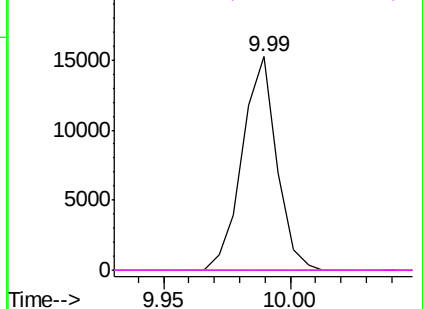


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

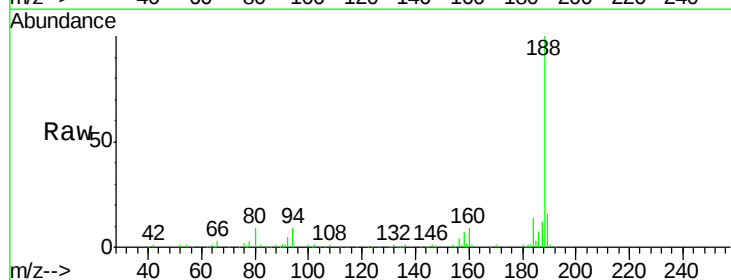
Ion 89.00 (88.70 to 89.70): BF1

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: BF107118.D
Acq: 5 Jul 2018 11:18

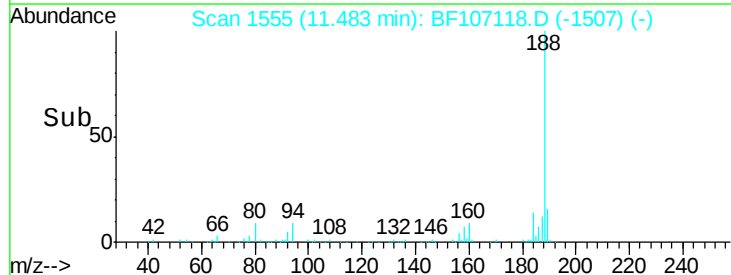
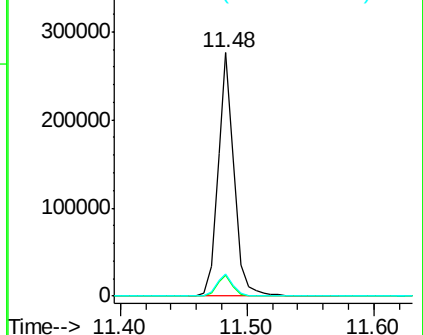
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.3	9.2	13.8



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

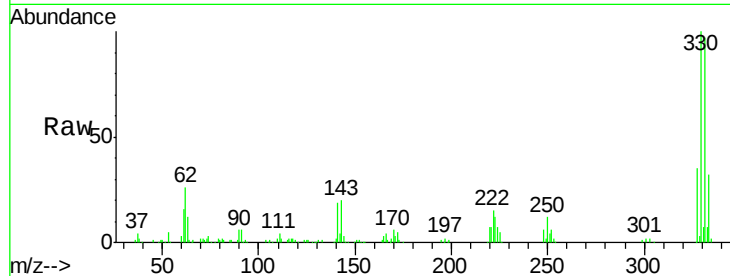




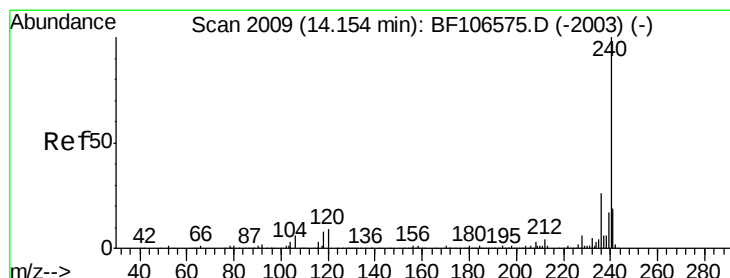
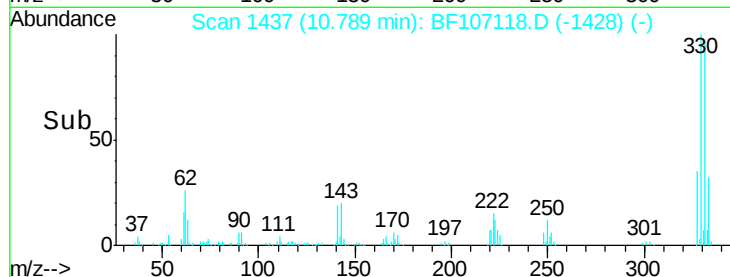
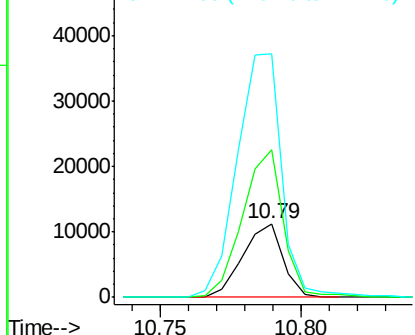
#66
4-Bromophenyl-phenylether
Concen: 3.796 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB110801BL

Tgt Ion:248 Resp: 11070
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 330.6 74.4 111.6#

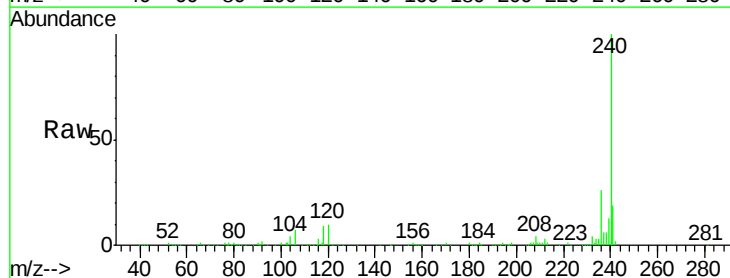


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

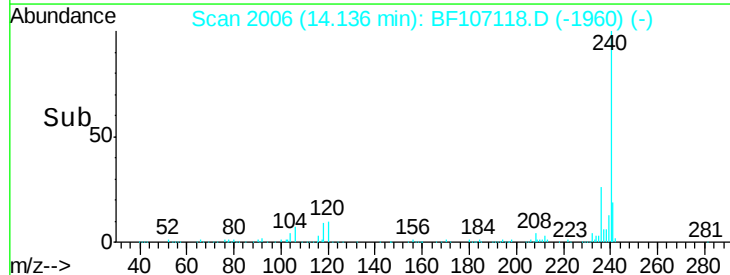
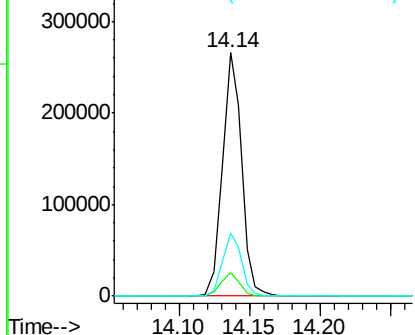


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Tgt Ion:240 Resp: 249441
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 26.1 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: 83.038 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107118.D

Acq: 5 Jul 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB110801BL

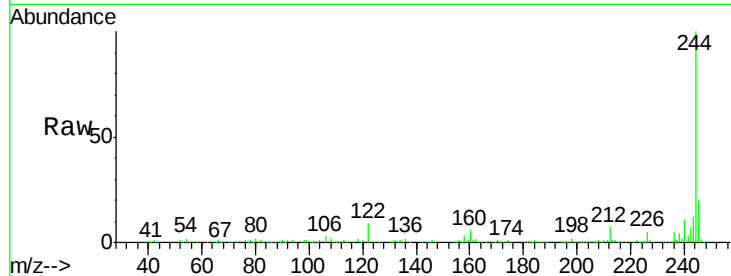
Tgt Ion:244 Resp: 855097

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

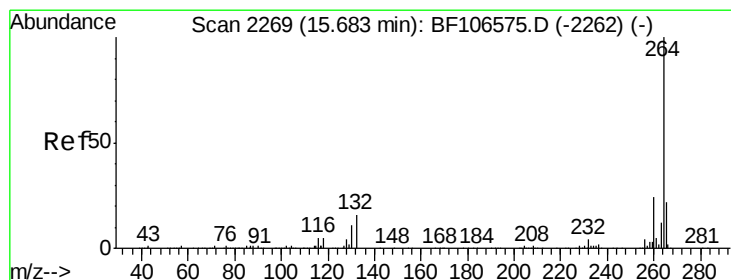
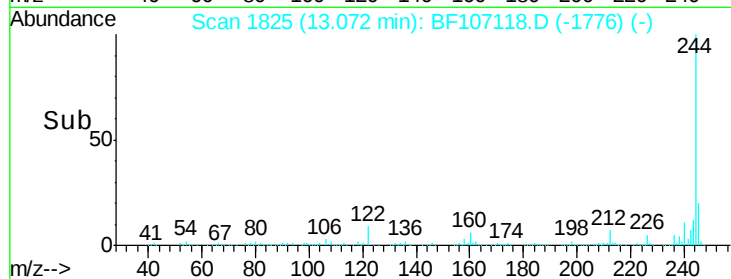
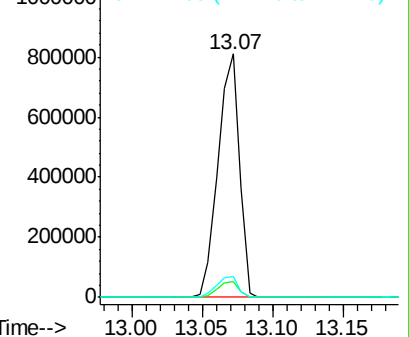
122 8.6 11.0 16.4#



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. -0.04 min

Lab File: BF107118.D

Acq: 5 Jul 2018 11:18

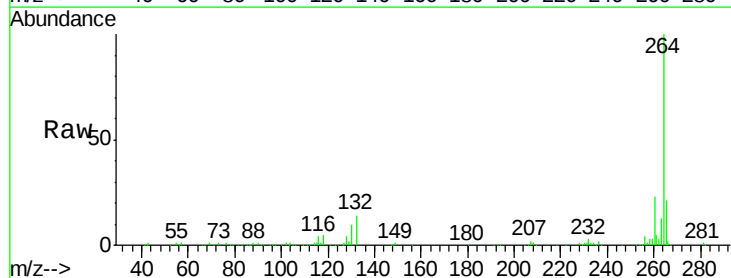
Tgt Ion:264 Resp: 200170

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.9 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

