

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109957.D
 Acq On : 18 Oct 2018 13:24
 Operator : JU/SJ
 Sample : J5565-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:21:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

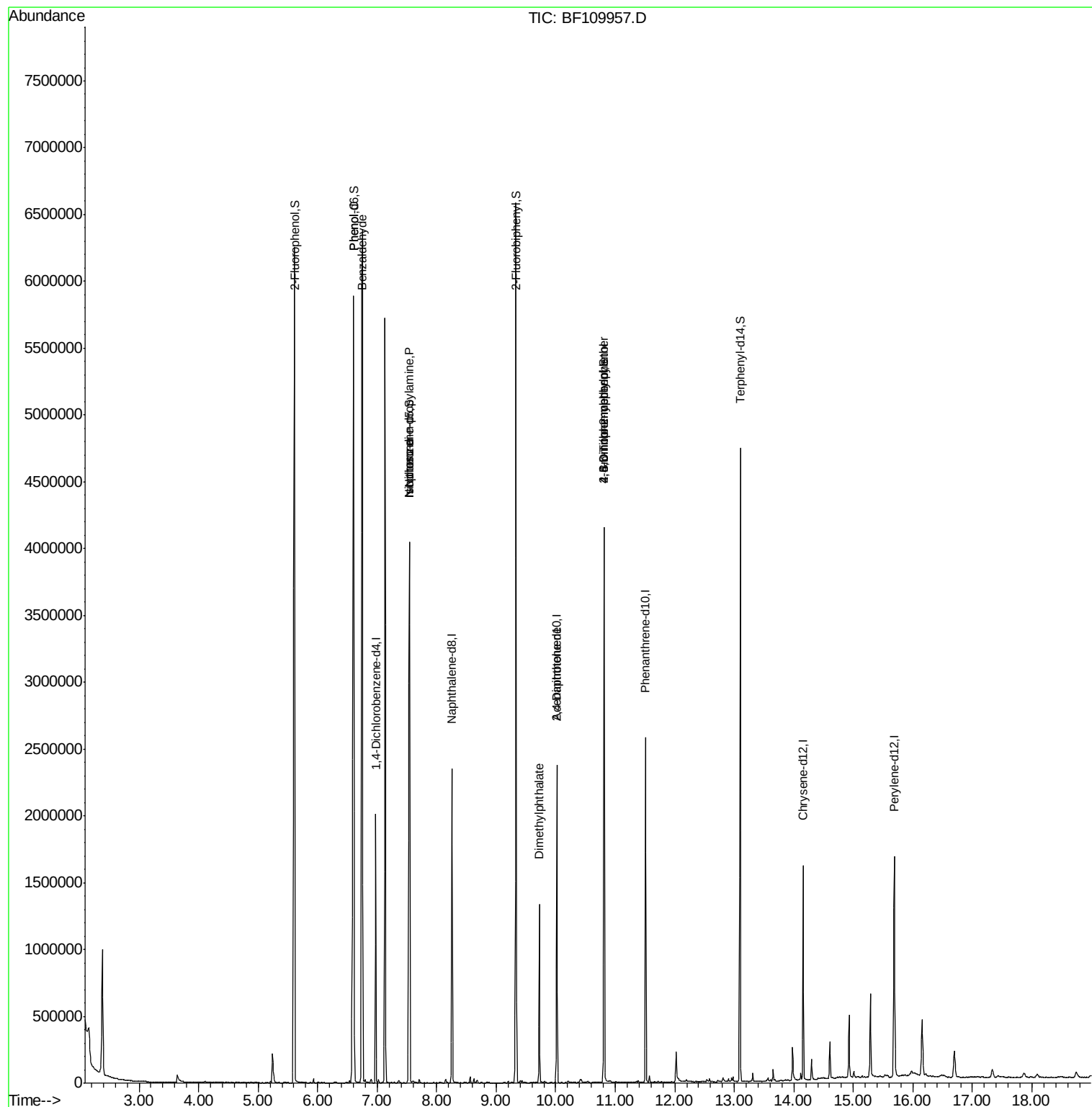
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	275804	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1063654	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	489945	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	865029	20.00	ng	0.00
76) Chrysene-d12	14.16	240	486424	20.00	ng	0.00
87) Perylene-d12	15.69	264	494836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2032409	116.81	ng	0.01
7) Phenol-d6	6.60	99	2566813	118.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	1630601	103.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	538137	126.86	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2237635	72.88	ng	0.00
79) Terphenyl-d14	13.10	244	1571233	67.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	47318	3.370	ng	Qvalue 85
10) Phenol	6.61	94	148677	6.374	ng	# 71
19) n-Nitroso-di-n-propylamine	7.54	70	216012	15.571	ng	# 81
25) Isophorone	7.54	82	1630856	52.566	ng	# 67
50) Dimethylphthalate	9.73	163	554846	15.993	ng	99
57) 2,4-Dinitrotoluene	10.02	165	62364	11.360	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.82	198	1164	8.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	34742	3.706	ng	# 1

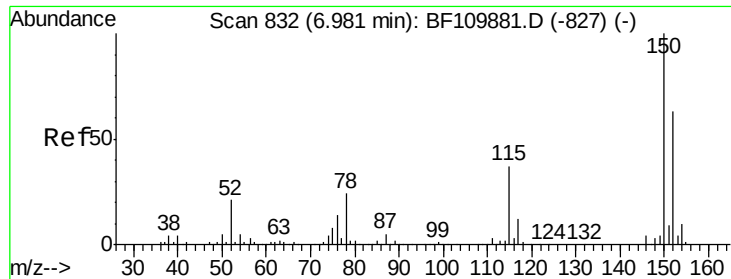
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109957.D
Acq On : 18 Oct 2018 13:24
Operator : JU/SJ
Sample : J5565-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 02:21:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



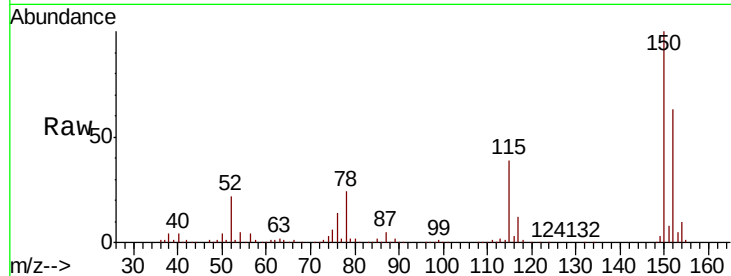


#1

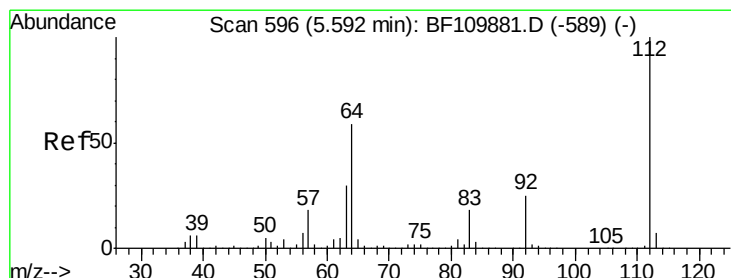
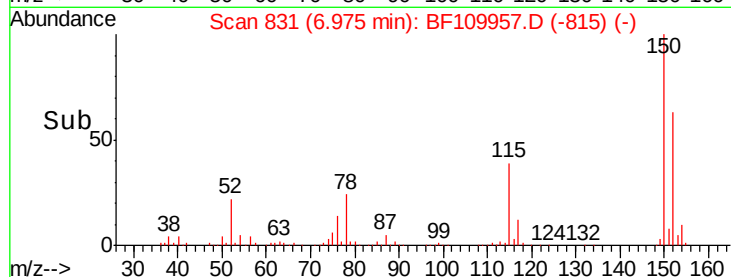
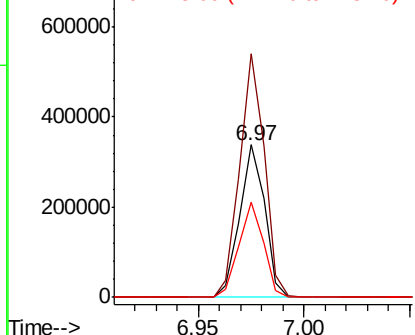
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 275804
Ion Ratio Lower Upper
152 100
150 159.8 122.7 184.1
115 62.7 49.1 73.7



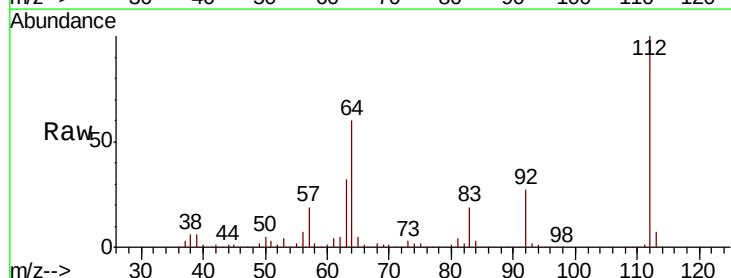
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



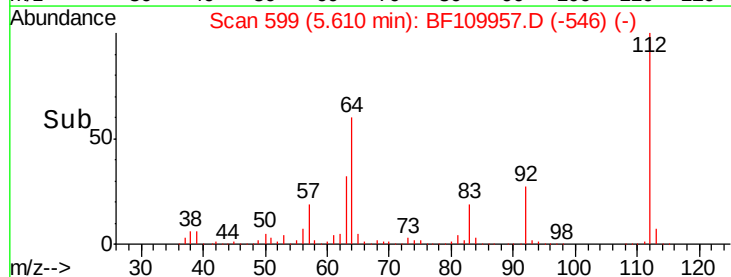
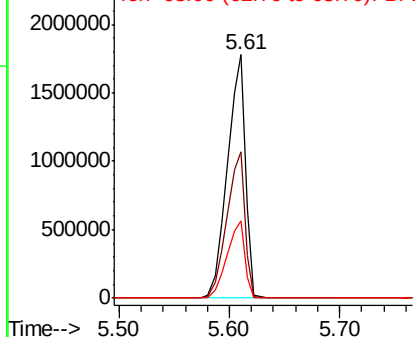
#5

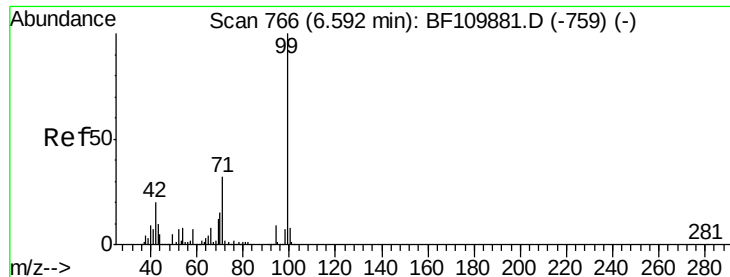
2-Fluorophenol
Concen: 116.809 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

Tgt Ion:112 Resp: 2032409
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 31.7 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: 118.804 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA_F

ClientSampled :

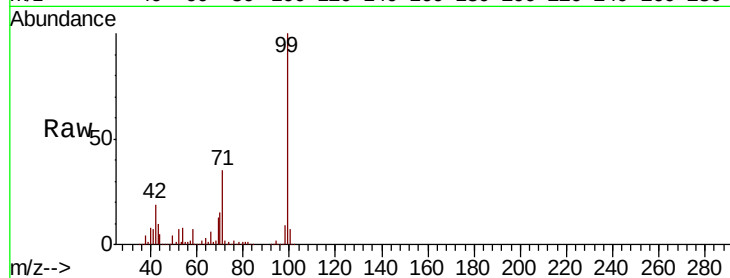
Tot Ion: 99 Resp: 2566813

Ion Ratio Lower Upper

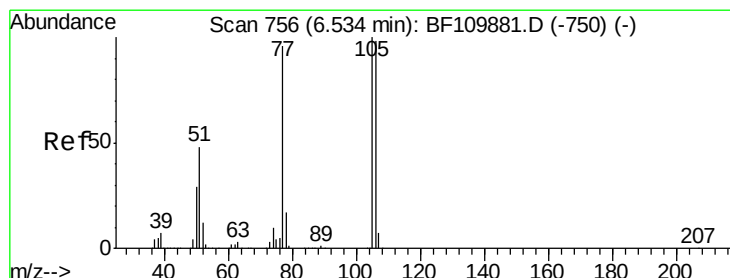
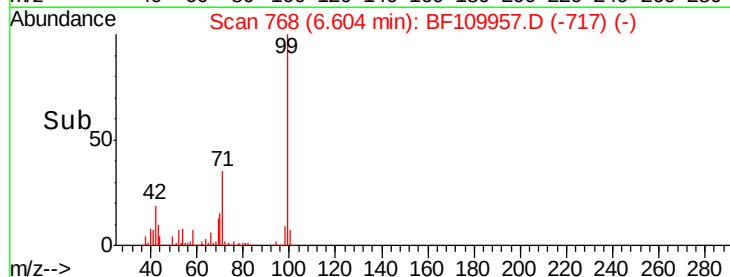
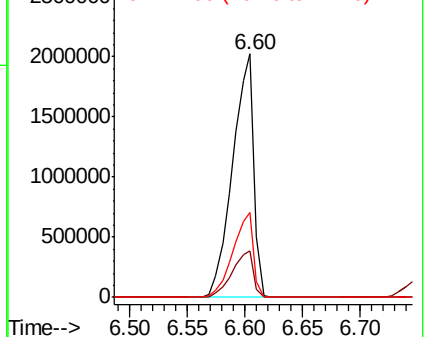
99 100

42 18.9 15.8 23.6

71 34.7 28.0 42.0



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: 3.370 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.22 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

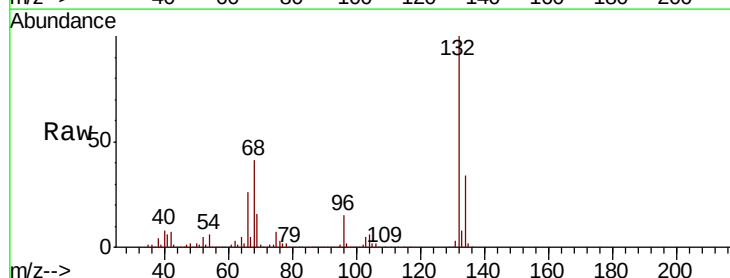
Tgt Ion: 77 Resp: 47318

Ion Ratio Lower Upper

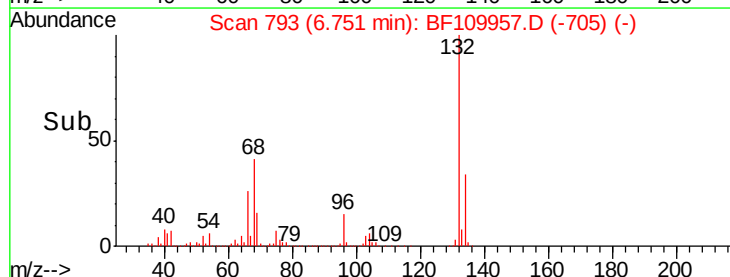
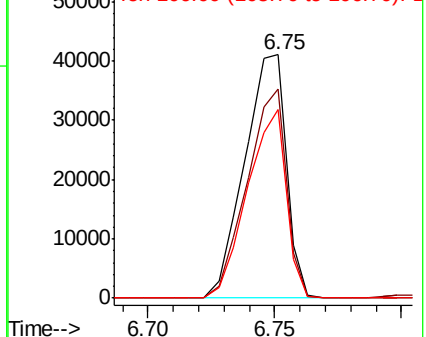
77 100

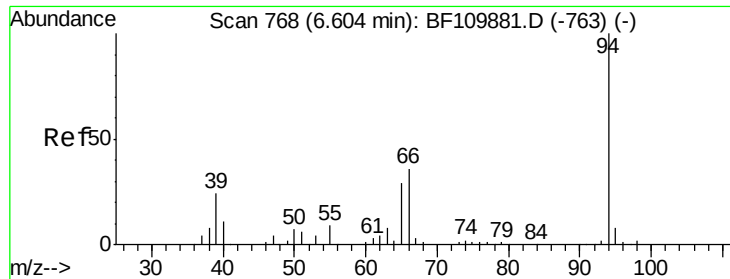
105 85.7 78.6 118.6

106 77.4 74.8 114.8



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

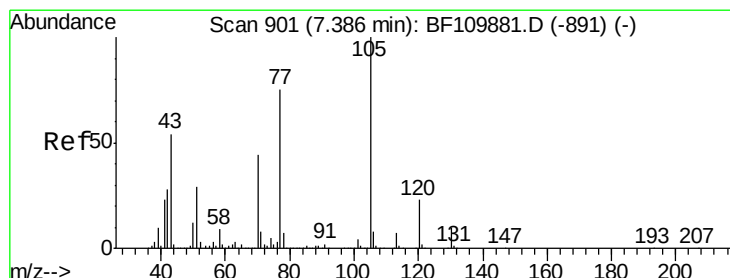
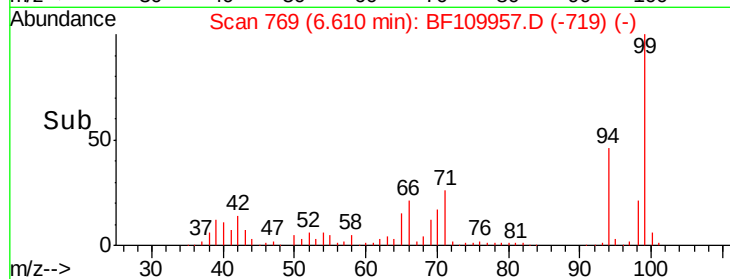
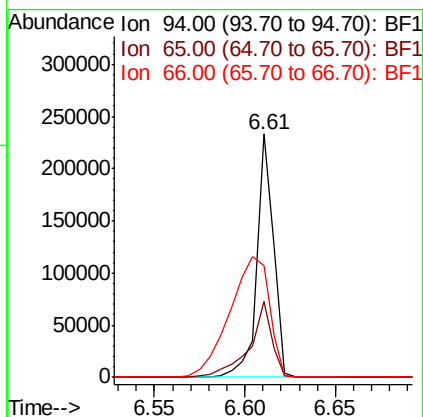
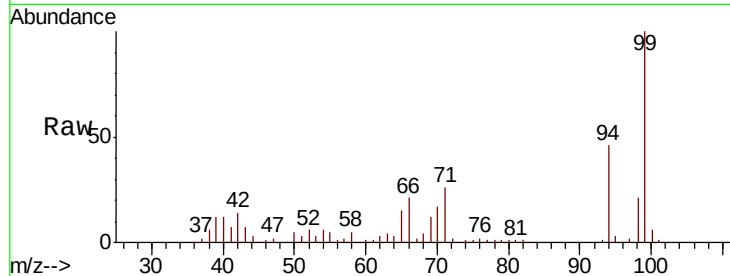




#10
Phenol
Concen: 6.374 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

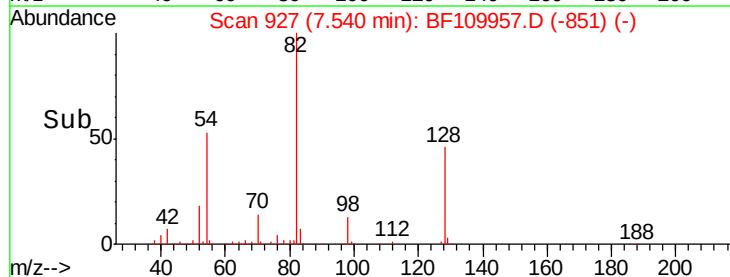
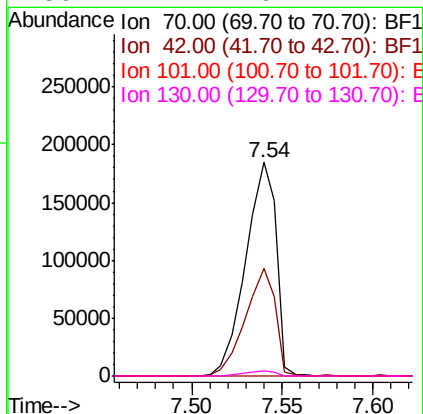
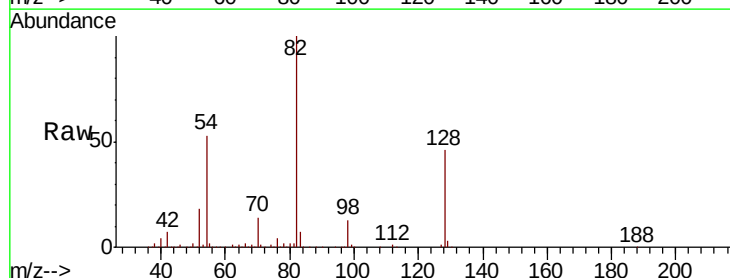
Instrument :
BNA_F
ClientSampleId :

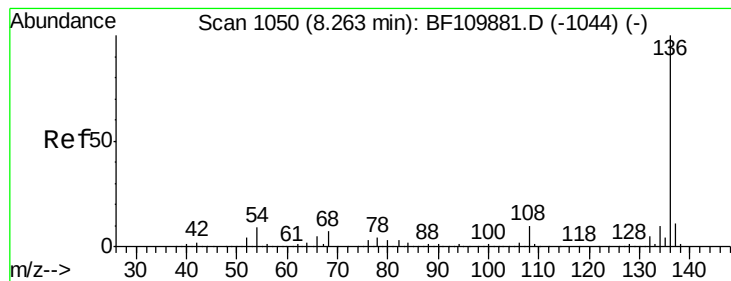
Tot Ion: 94 Resp: 148677
Ion Ratio Lower Upper
94 100
65 31.4 25.3 65.3
66 46.0 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

Tgt Ion: 70 Resp: 216012
Ion Ratio Lower Upper
70 100
42 50.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1063654

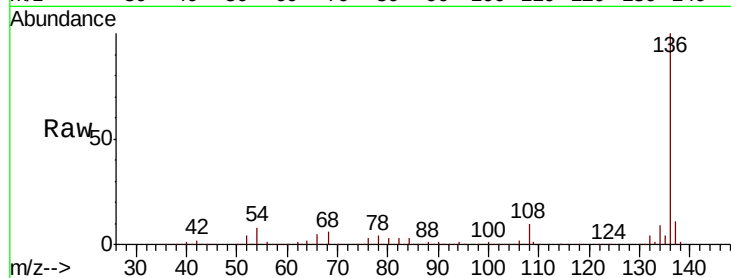
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 5.4 8.2#

68 6.2 4.2 6.2#

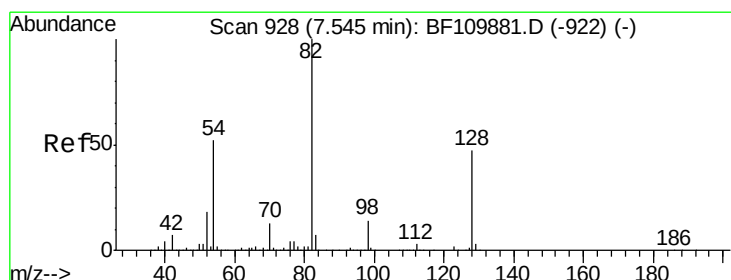
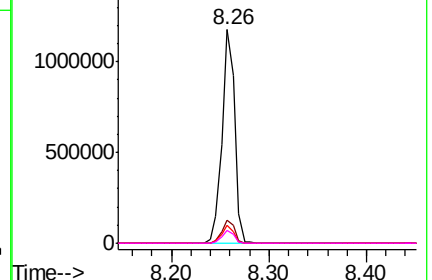
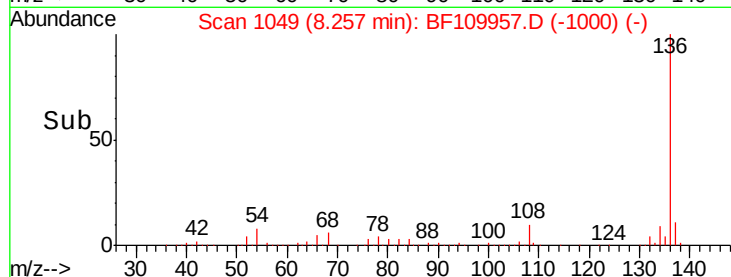


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.270 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

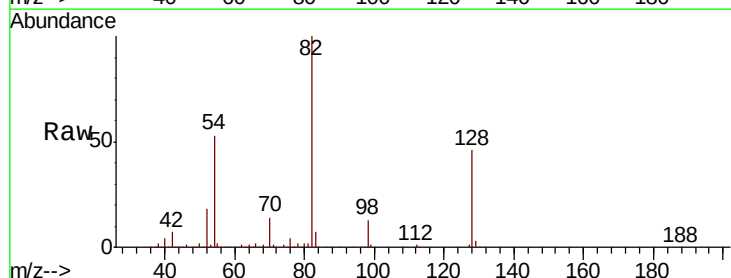
Tgt Ion: 82 Resp: 1630601

Ion Ratio Lower Upper

82 100

128 46.2 34.2 51.2

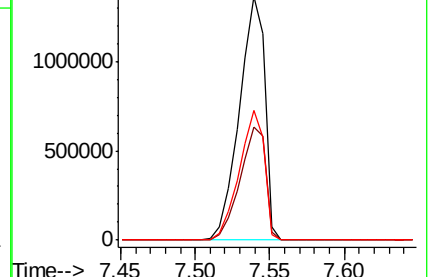
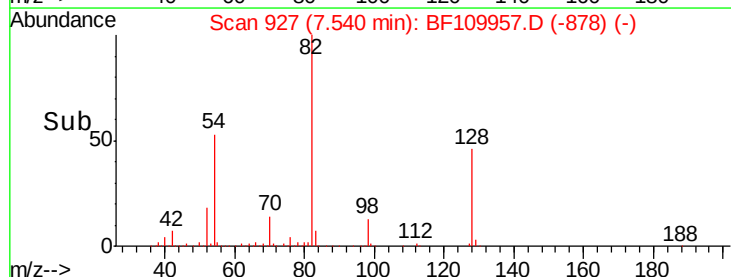
54 53.2 38.6 58.0

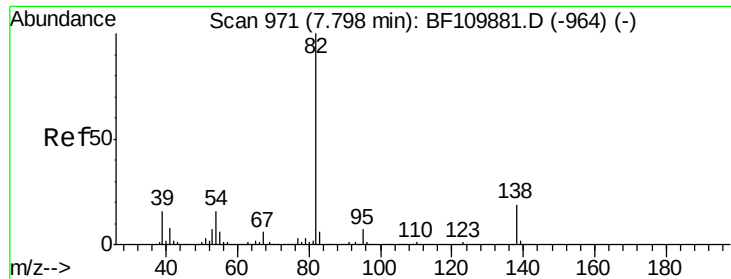


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.566 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA_F

ClientSampleId :

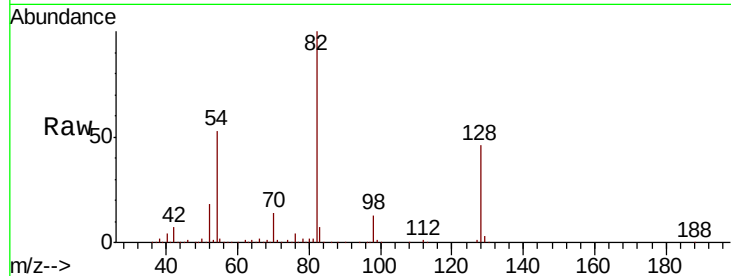
Tot Ion: 82 Resp: 1630856

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

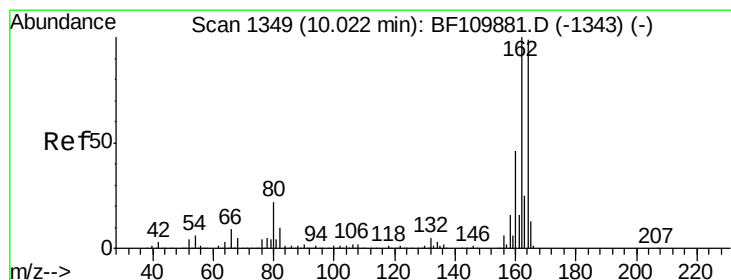
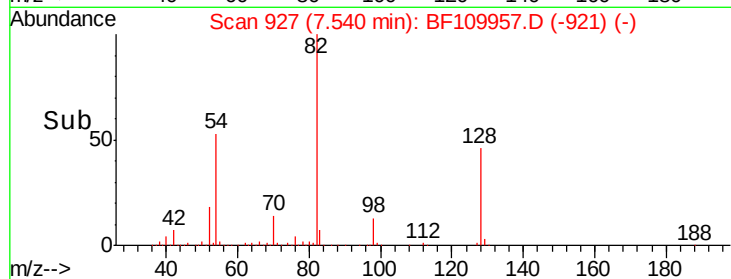
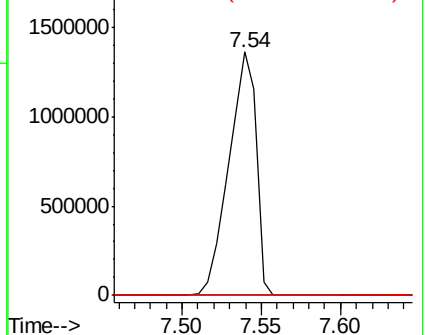
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

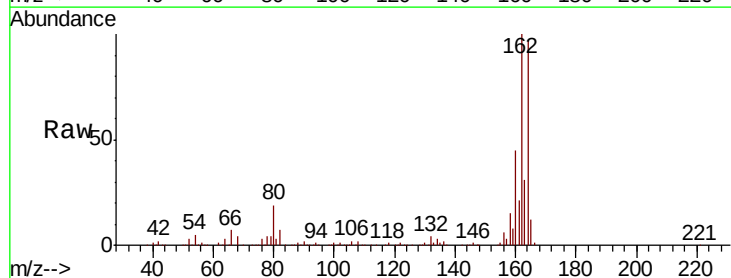
Tgt Ion:164 Resp: 489945

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

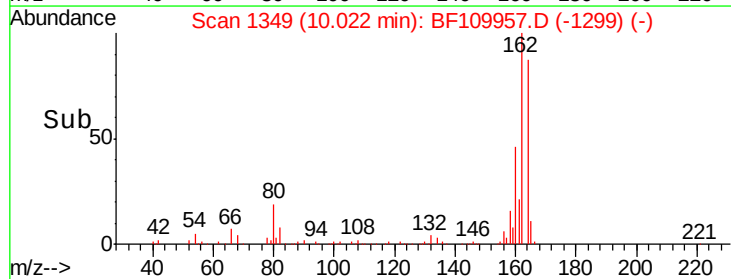
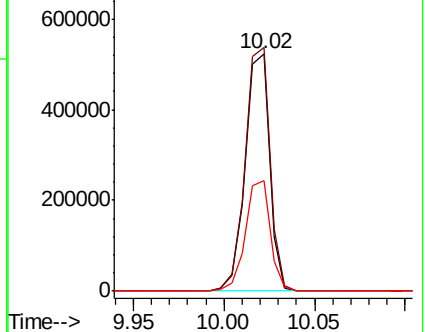
160 46.4 37.0 55.6

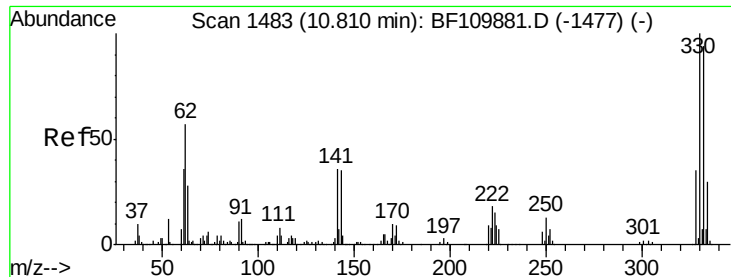


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

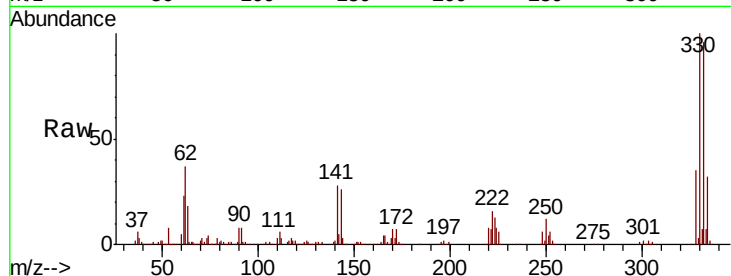




#42
 2,4,6-Tribromophenol
 Concen: 126.865 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109957.D
 Acq: 18 Oct 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	35.8	27.0	40.4

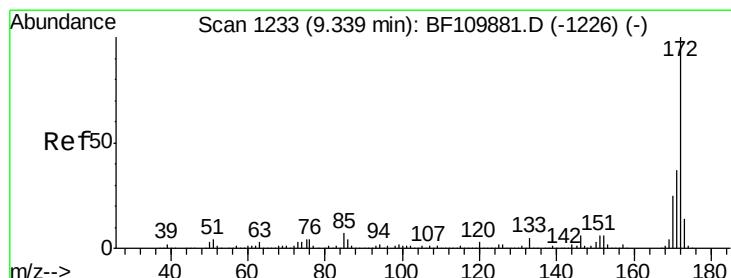
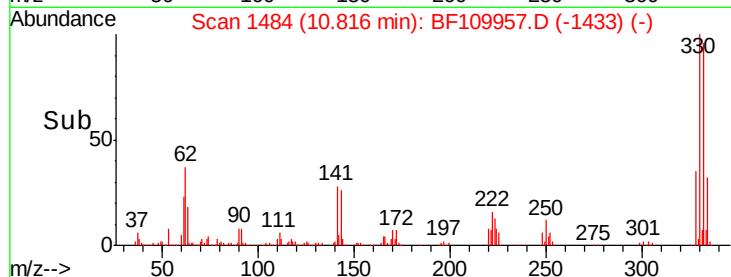
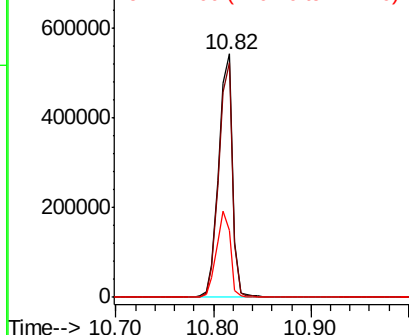


Abundance

Ion 329.80 (329.50 to 330.50): E

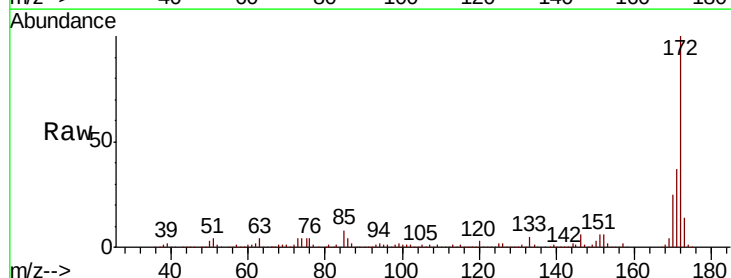
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.875 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109957.D
 Acq: 18 Oct 2018 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.5	19.7	29.5

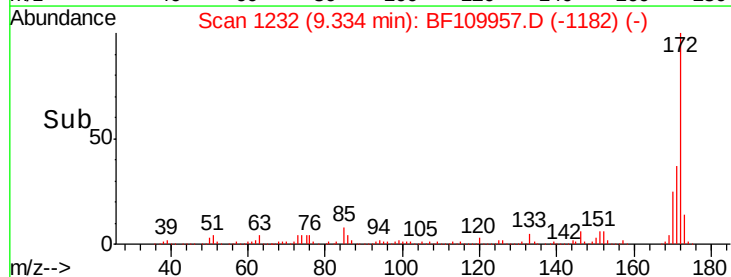
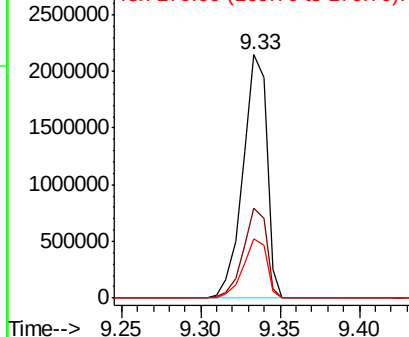


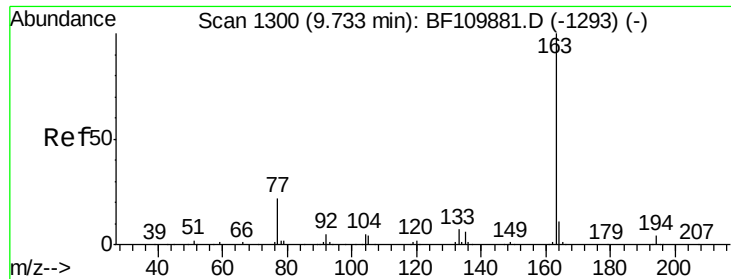
Abundance

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

Dimethylphthalate

Concen: 15.993 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA_F

ClientSampleId :

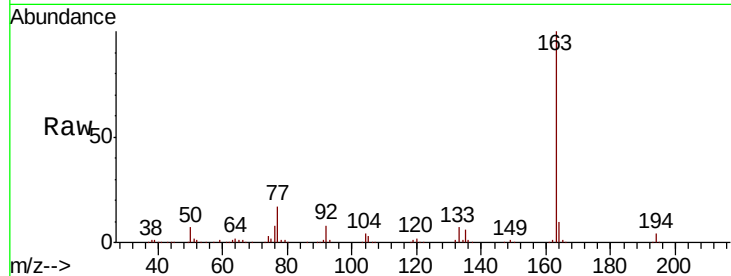
Tot Ion:163 Resp: 554846

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

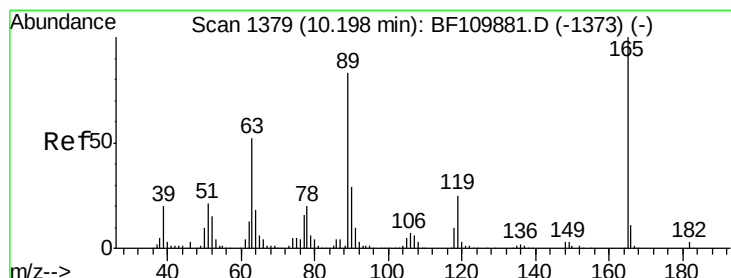
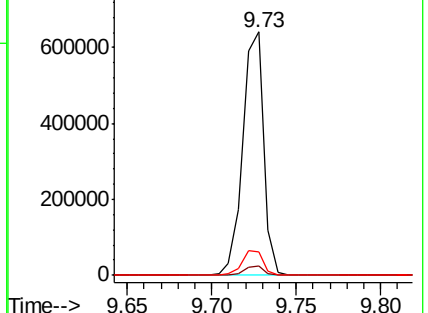
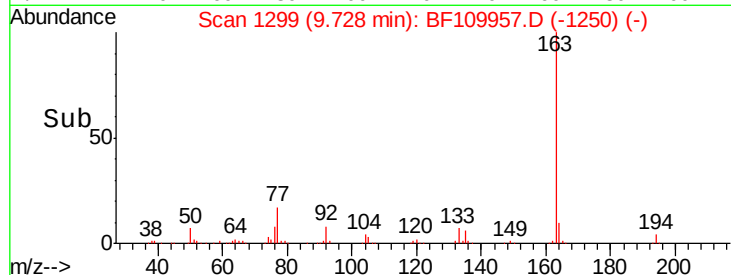
164 9.5 8.1 12.1



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



#57

2,4-Dinitrotoluene

Concen: 11.360 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Tgt Ion:165 Resp: 62364

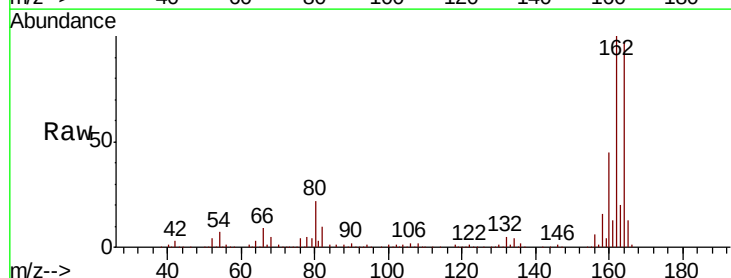
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

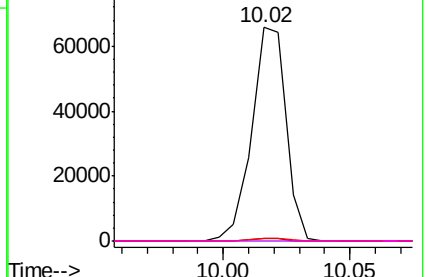
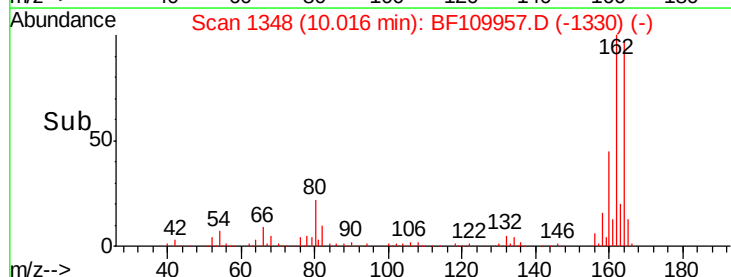


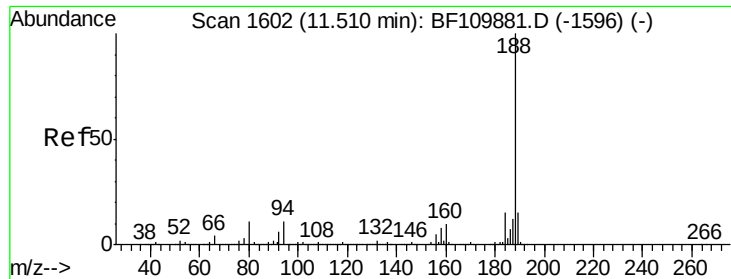
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA_F

ClientSampled :

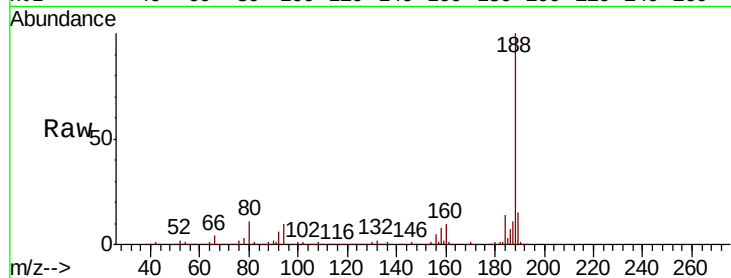
Tot Ion:188 Resp: 865029

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

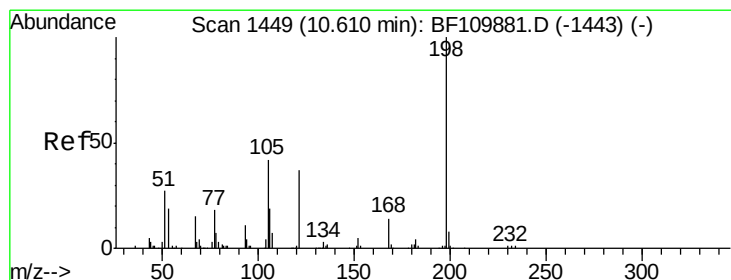
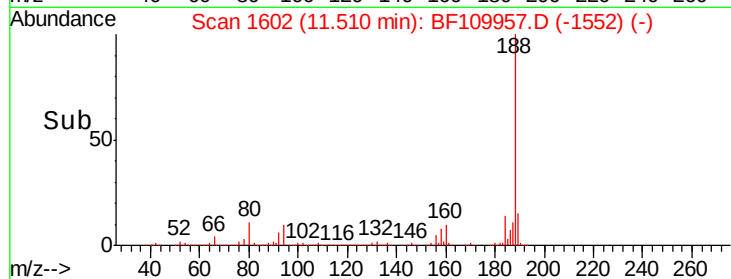
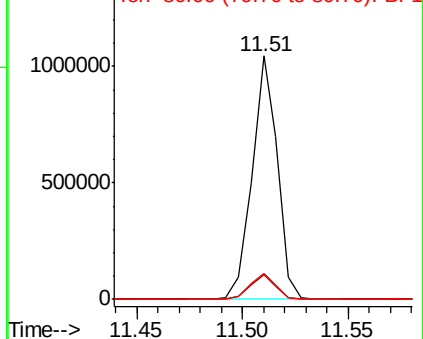
80 10.9 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.215 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.19 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

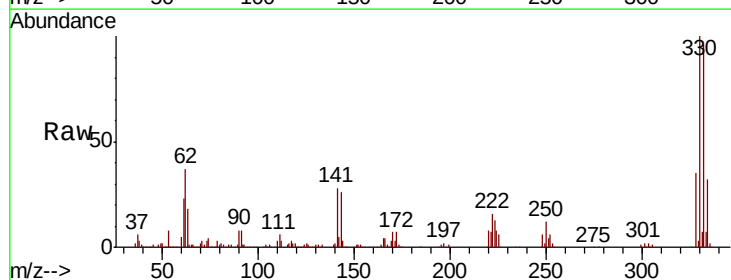
Tgt Ion:198 Resp: 1164

Ion Ratio Lower Upper

198 100

51 171.2 22.8 62.8#

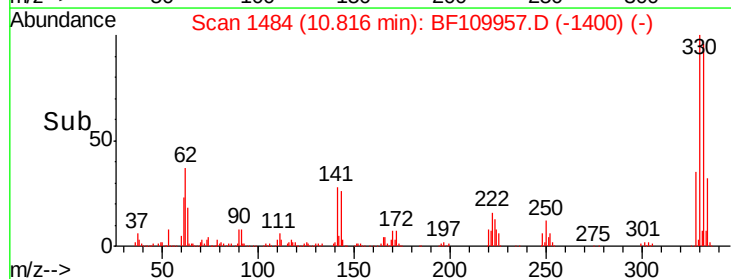
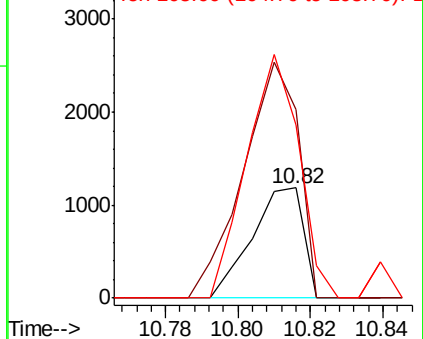
105 156.9 23.6 63.6#

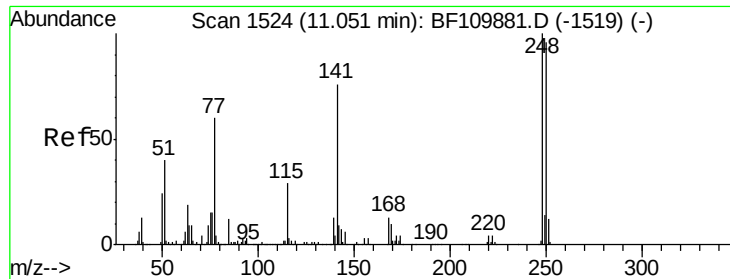


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

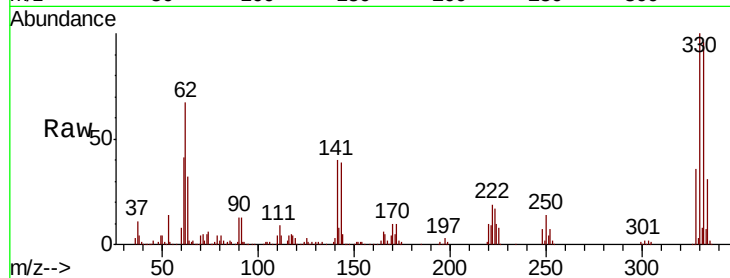




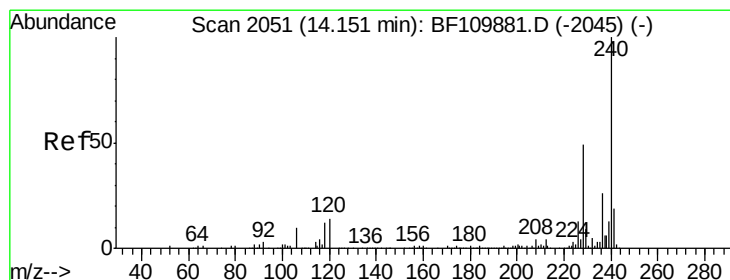
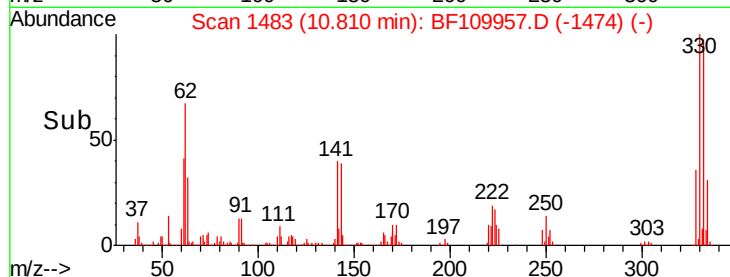
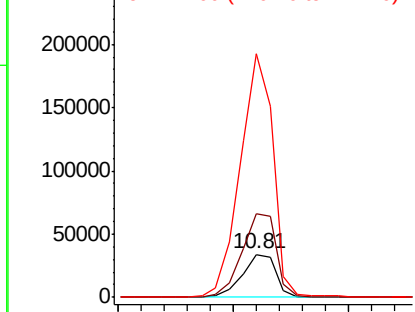
#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 34742
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 566.3 55.9 83.9#

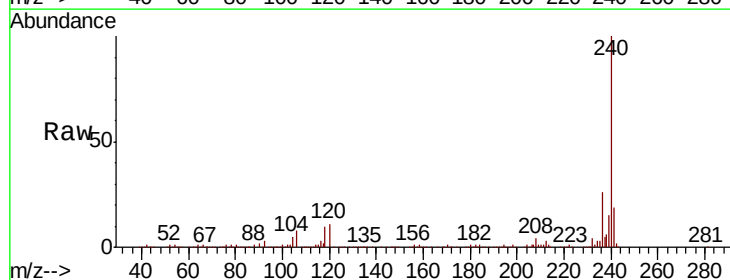


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

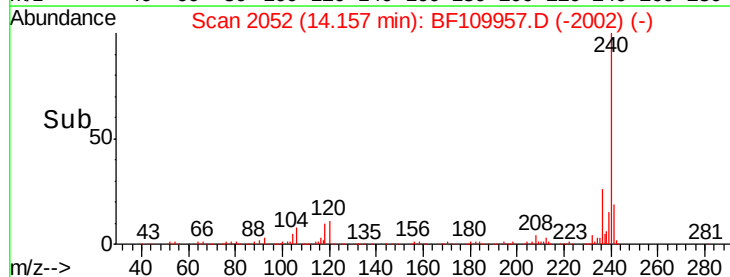
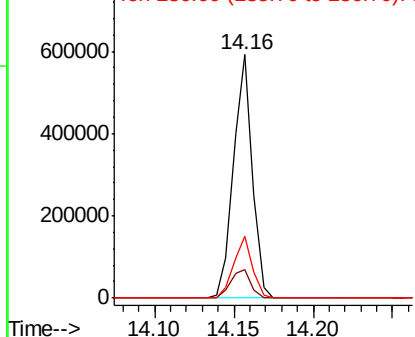


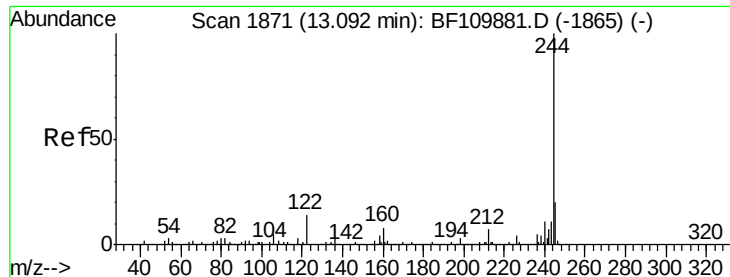
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109957.D
Acq: 18 Oct 2018 13:24

Tgt Ion:240 Resp: 486424
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.5 21.2 31.8



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



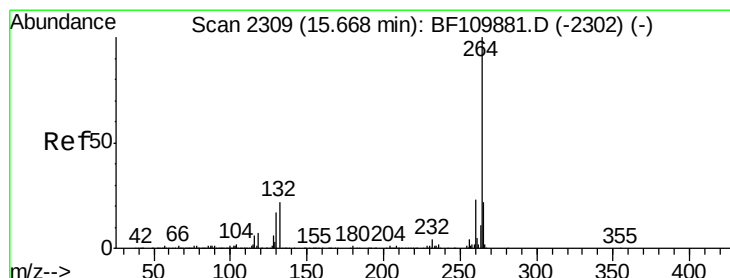
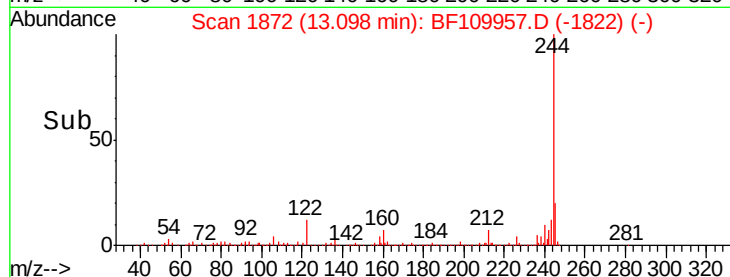
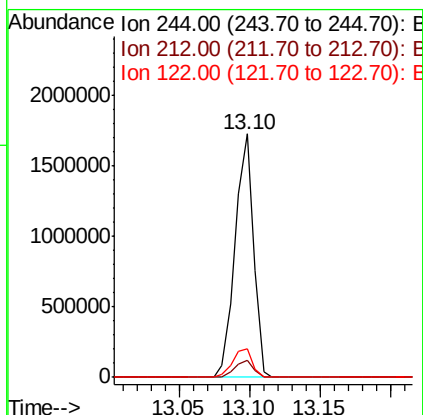
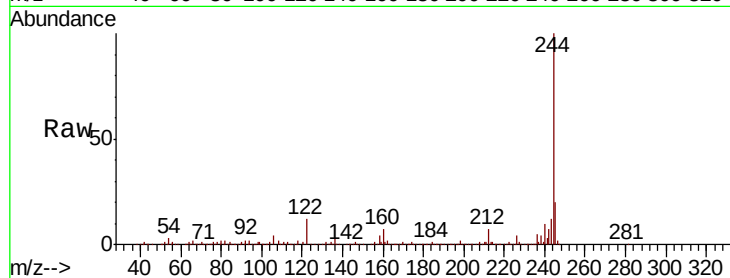


#79
 Terphenyl-d14
 Concen: 67.831 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109957.D
 Acq: 18 Oct 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1571233

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109957.D
 Acq: 18 Oct 2018 13:24

Tgt Ion:264 Resp: 494836

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	16.7	25.1

