

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109605.D
 Acq On : 4 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5237-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Quant Time: Oct 05 01:32:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

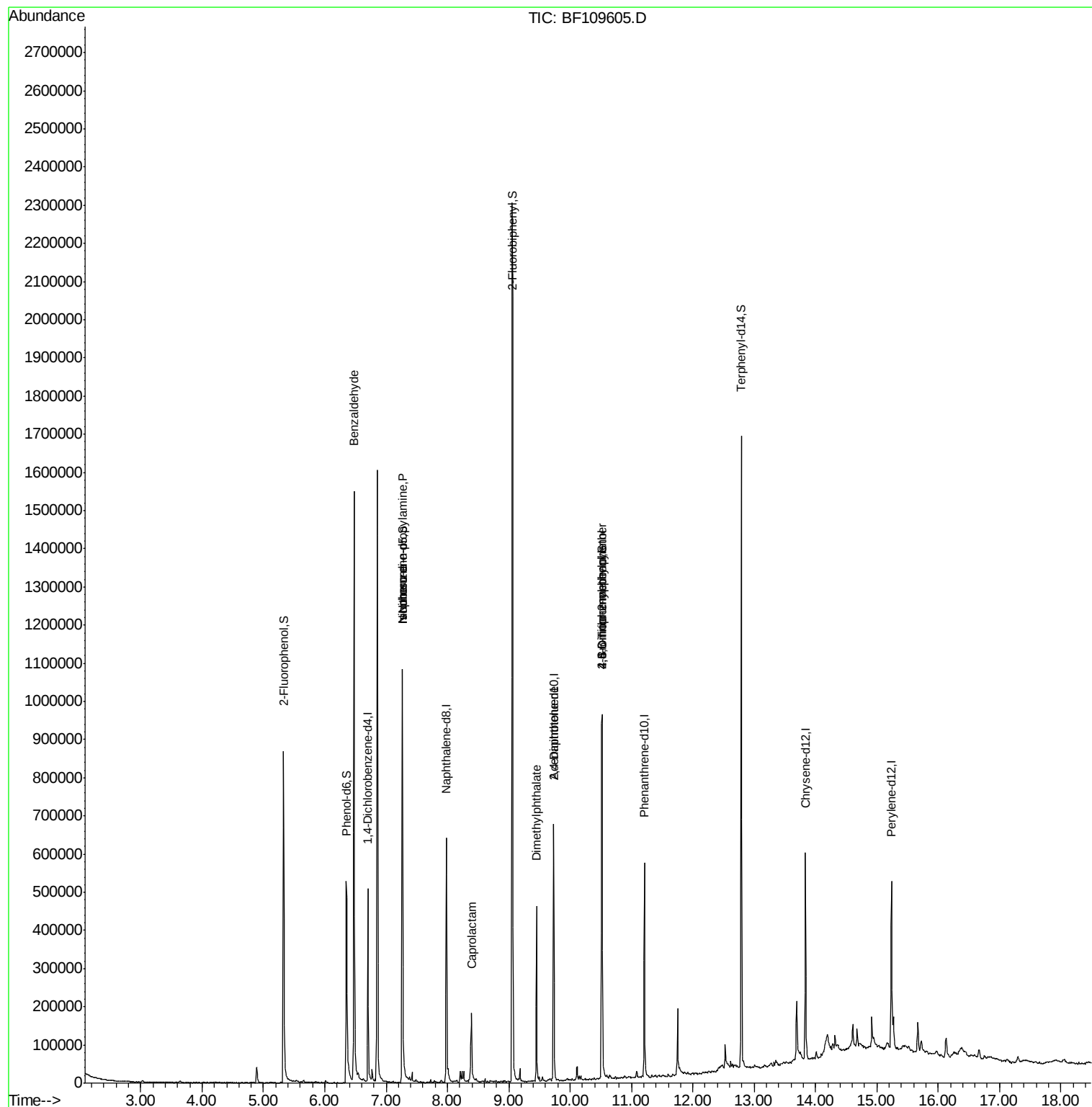
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84285	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	320847	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	132902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	201975	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194800	20.00	ng	0.00
86) Perylene-d12	15.24	264	198984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	285306	55.75	ng	0.01
7) Phenol-d6	6.35	99	235064	36.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	451962	83.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	133720	102.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	784818	89.06	ng	-0.02
78) Terphenyl-d14	12.79	244	555395	69.97	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11412	2.721	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	61010	14.259	ng	# 76
25) Isophorone	7.27	82	432407	44.180	ng	# 64
35) Caprolactam	8.39	113	24991	17.470	ng	# 85
49) Dimethylphthalate	9.45	163	170397	17.628	ng	100
56) 2,4-Dinitrotoluene	9.73	165	16460	6.795	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	125	6.653	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7659	3.415	ng	# 1

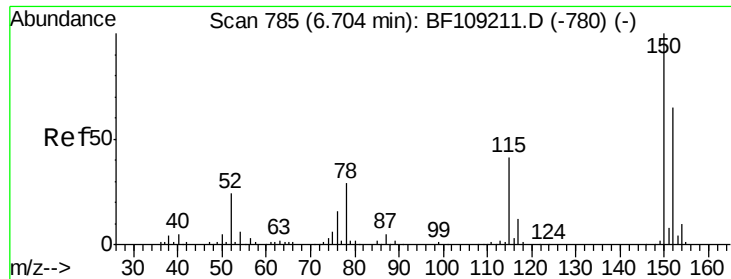
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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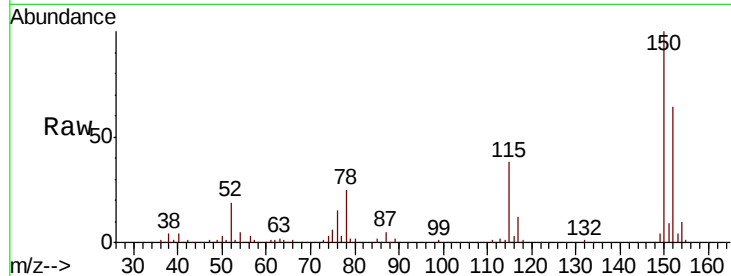


#1

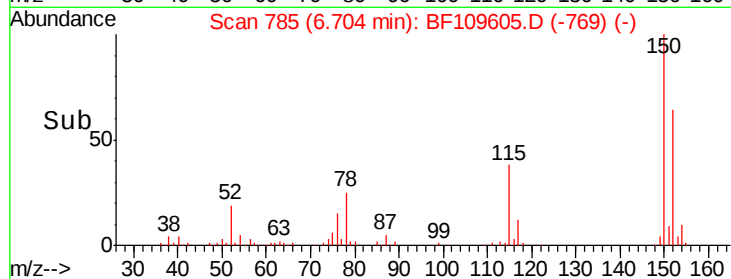
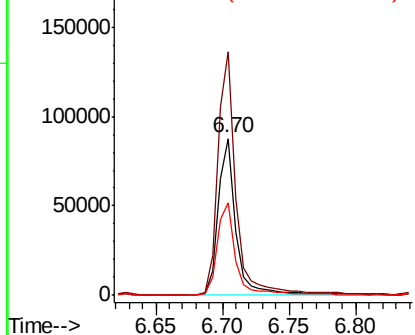
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:152 Resp: 84285
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.8 50.1 75.1



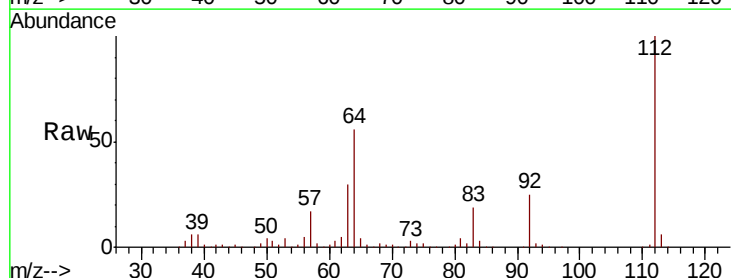
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



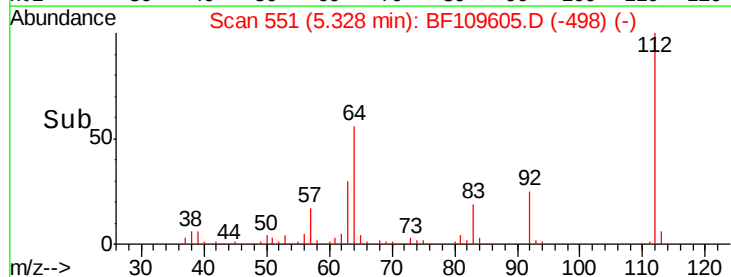
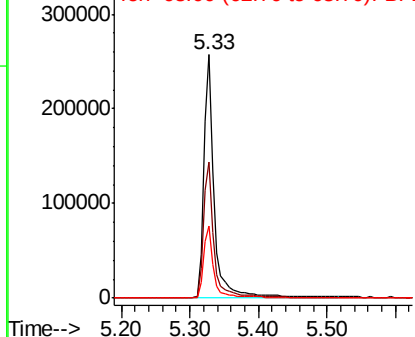
#5

2-Fluorophenol
Concen: 55.754 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:112 Resp: 285306
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 29.5 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: 35.999 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

BSS-GW1

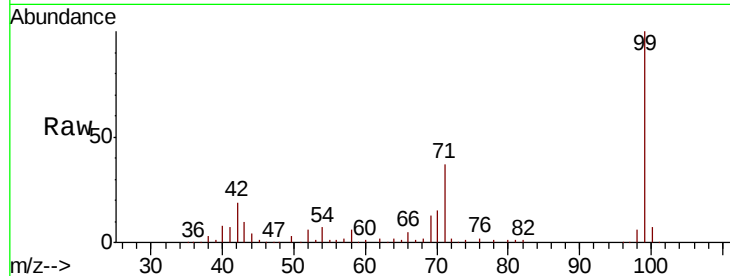
Tgt Ion: 99 Resp: 235064

Ion Ratio Lower Upper

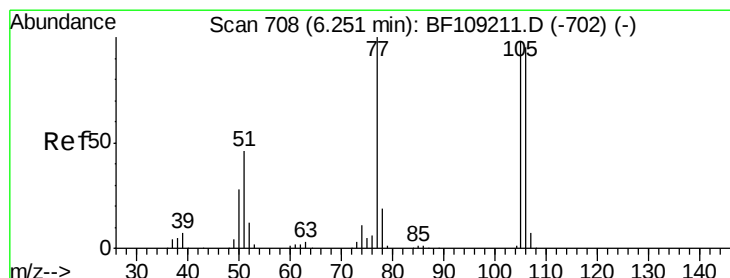
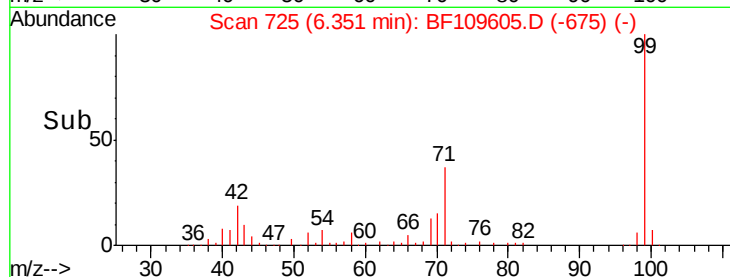
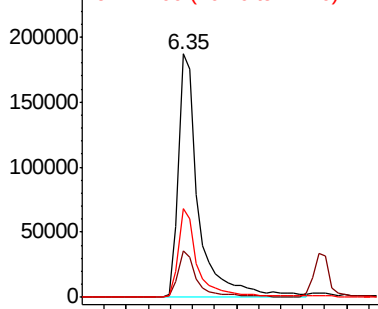
99 100

42 19.1 14.5 21.7

71 36.7 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: 2.721 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

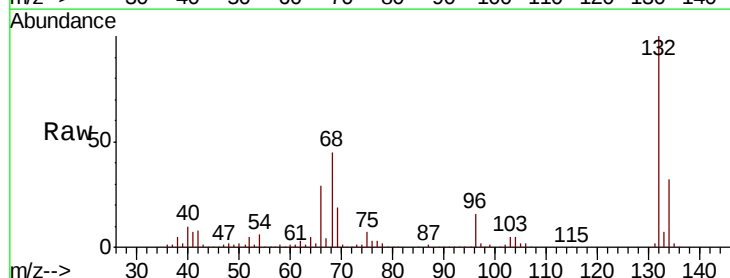
Tgt Ion: 77 Resp: 11412

Ion Ratio Lower Upper

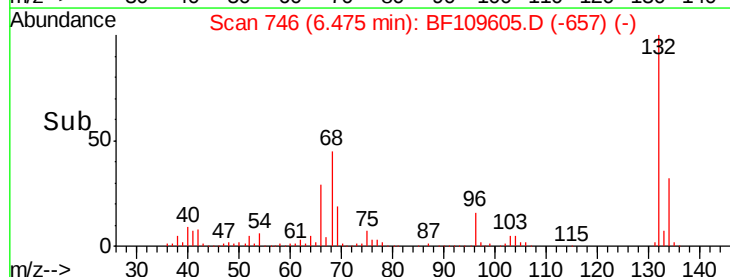
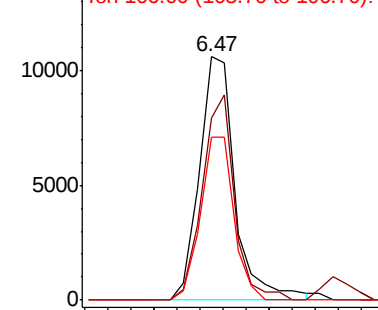
77 100

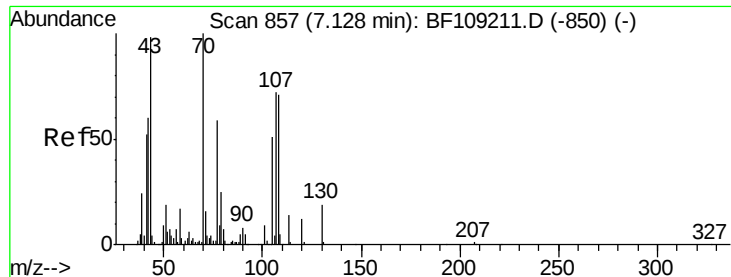
105 75.0 81.1 121.1#

106 66.8 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

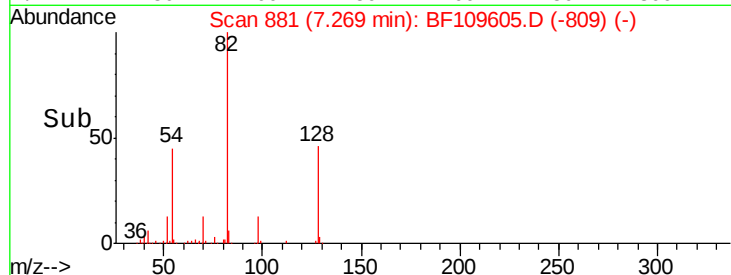
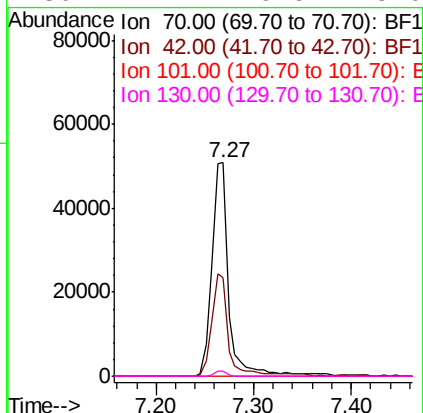
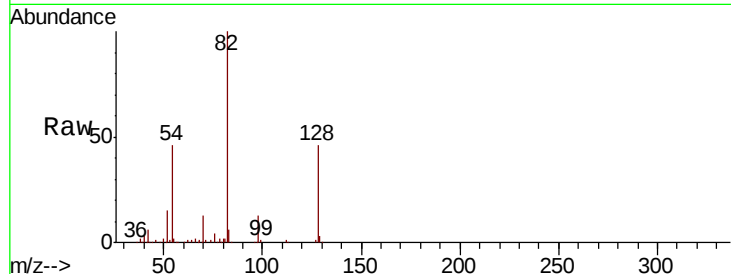




#19
n-Nitroso-di-n-propylamine
Concen: 14.259 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

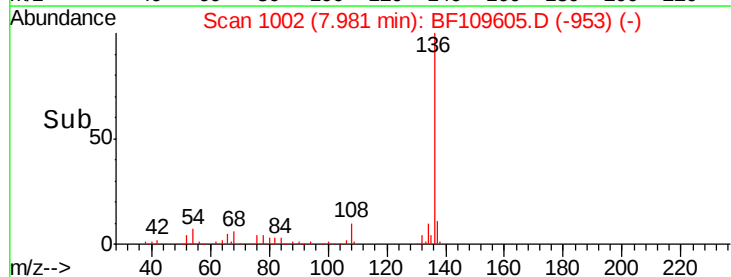
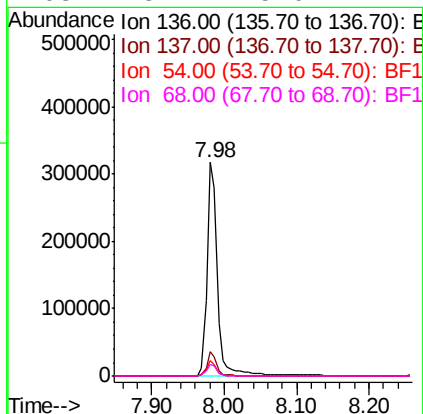
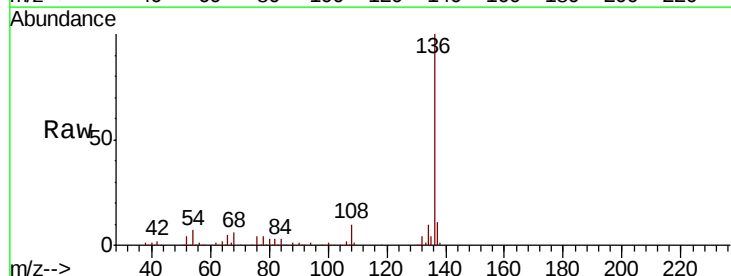
Instrument :
BNA_F
ClientSampleId :
BSS-GW1

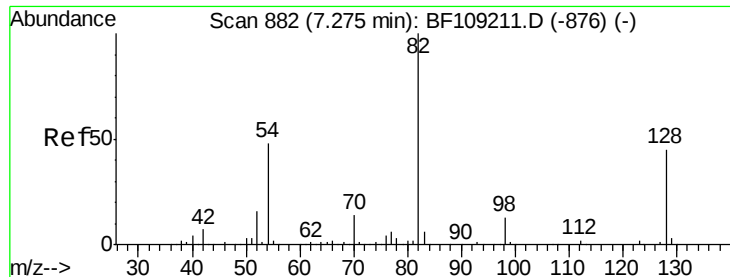
Tgt Ion: 70 Resp: 61010
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion: 136 Resp: 320847
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.4 6.6 9.8
68 5.7 5.0 7.4

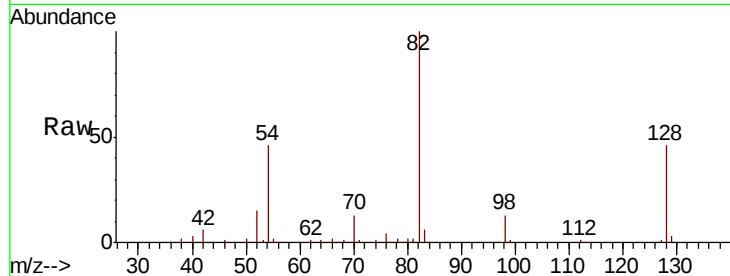




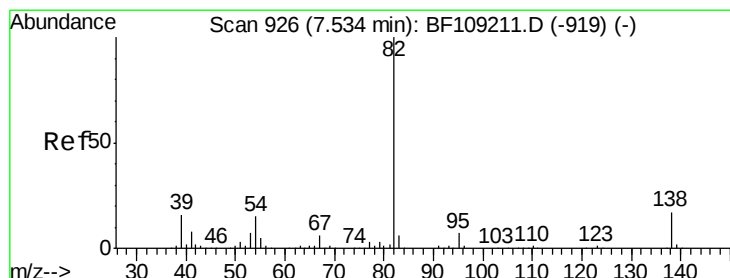
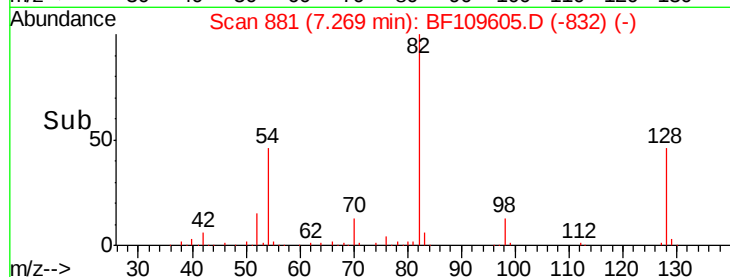
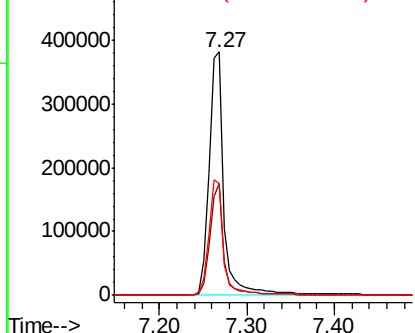
#23
 Nitrobenzene-d5
 Concen: 83.155 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Tgt Ion: 82 Resp: 451962
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 46.1 41.4 62.2

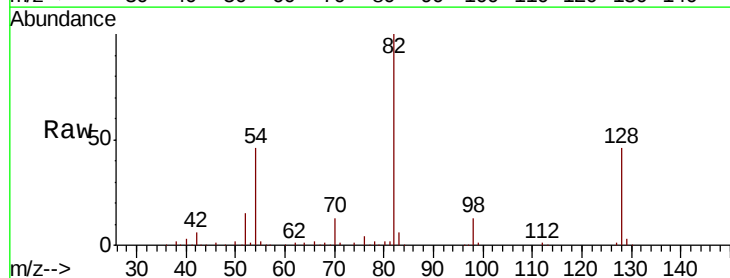


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

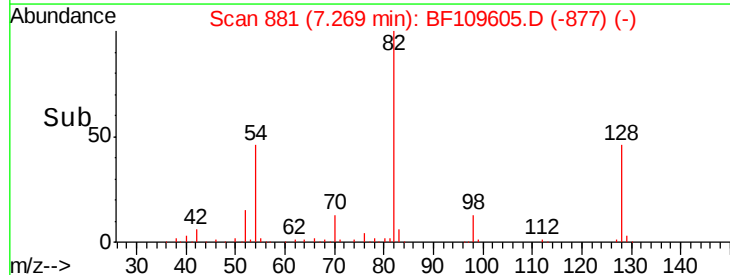
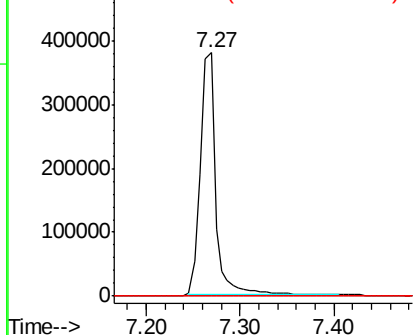


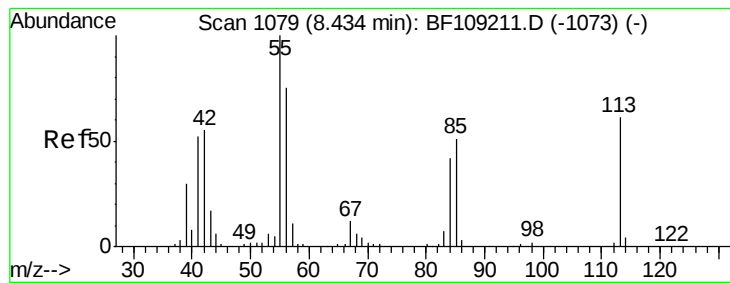
#25
 Isophorone
 Concen: 44.180 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Tgt Ion: 82 Resp: 432407
 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





#35

Caprolactam

Concen: 17.470 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.07 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

BSS-GW1

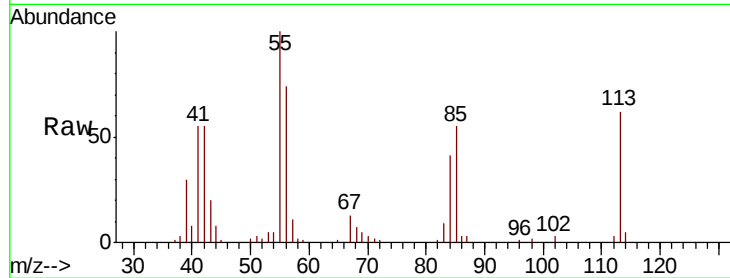
Tgt Ion:113 Resp: 24991

Ion Ratio Lower Upper

113 100

55 160.8 163.3 203.3#

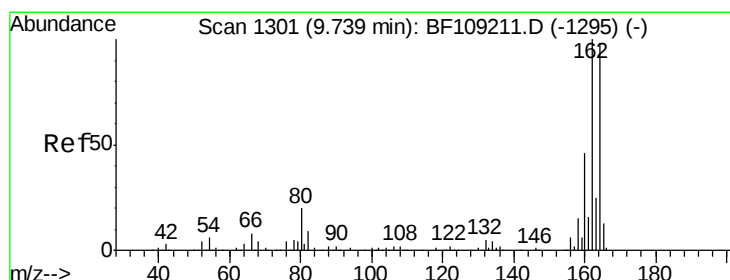
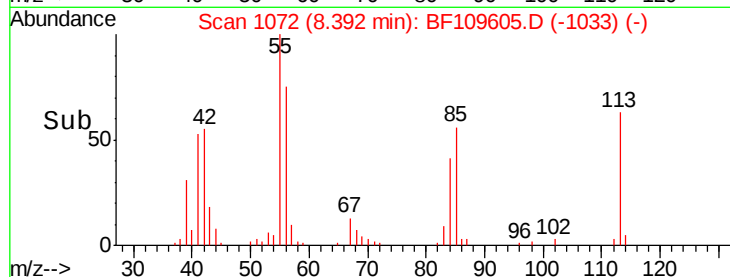
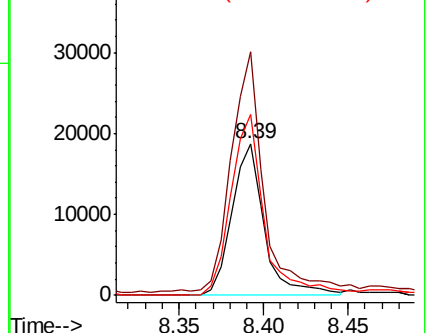
56 119.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

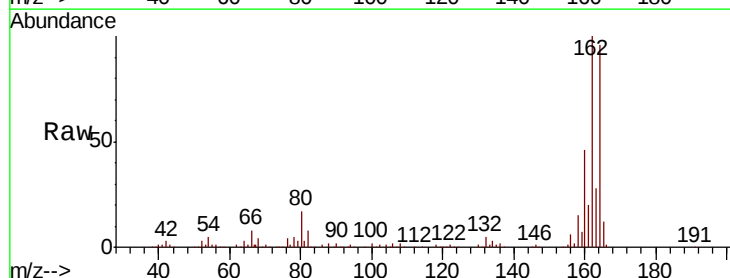
Tgt Ion:164 Resp: 132902

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

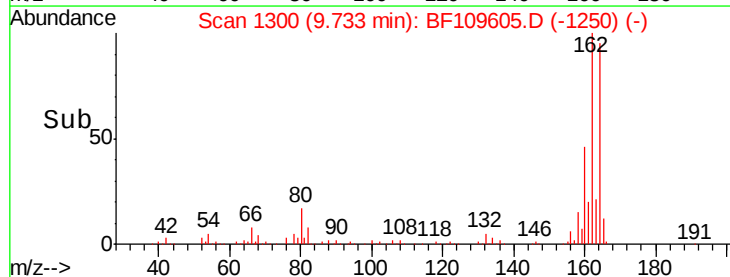
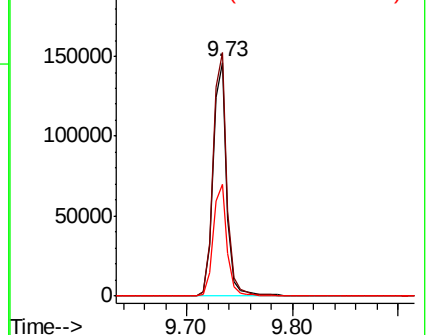
160 48.1 38.3 57.5

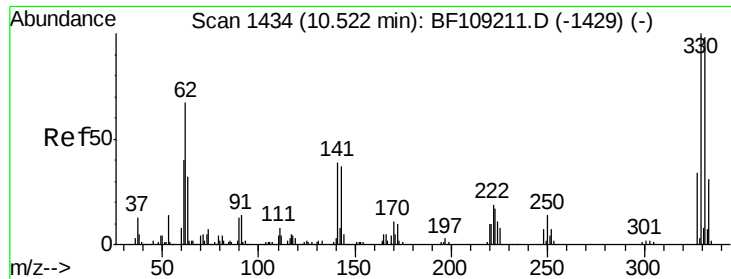


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

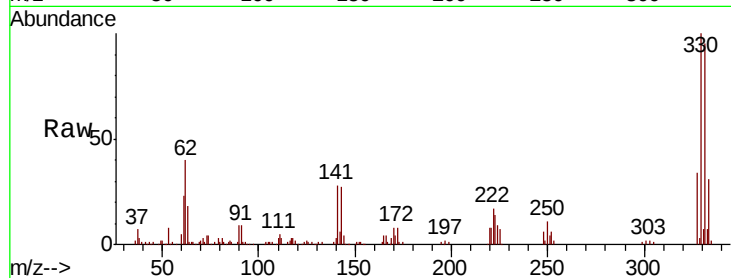




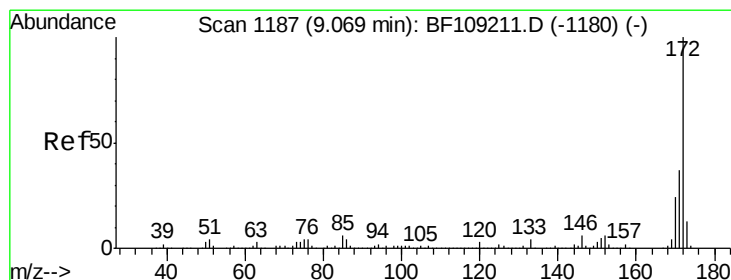
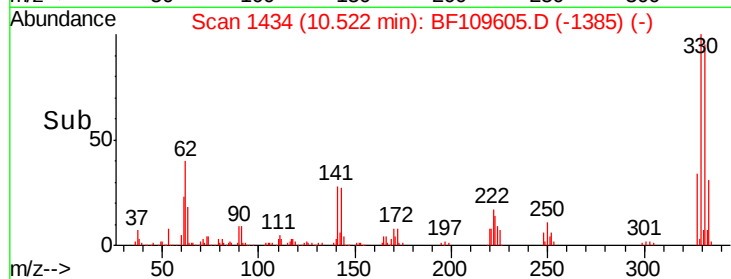
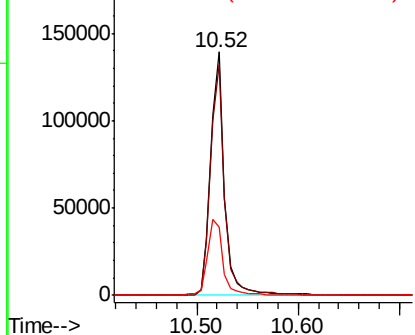
#41
 2,4,6-Tribromophenol
 Concen: 102.066 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Tgt Ion:330 Resp: 133720
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.4 29.9 44.9

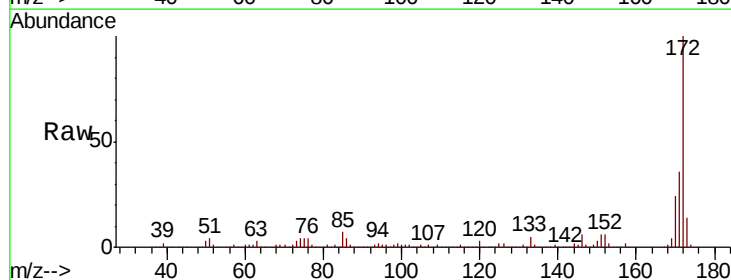


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

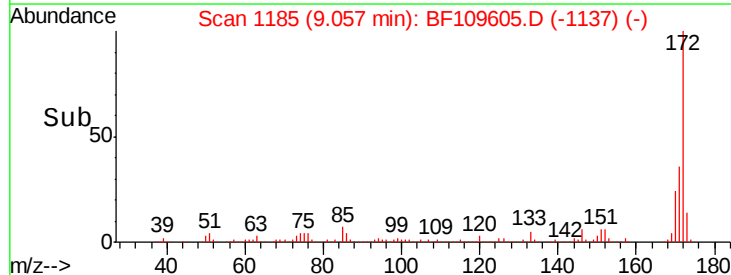
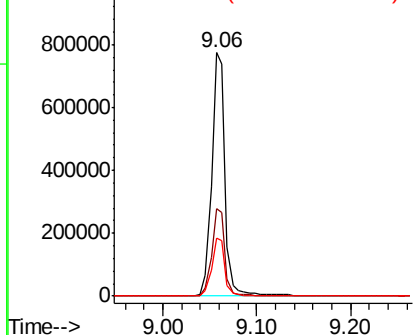


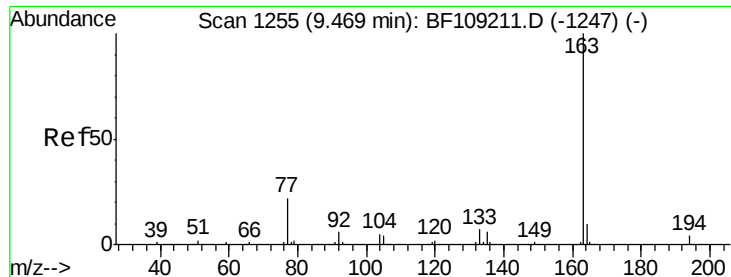
#44
 2-Fluorobiphenyl
 Concen: 89.062 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Tgt Ion:172 Resp: 784818
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 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

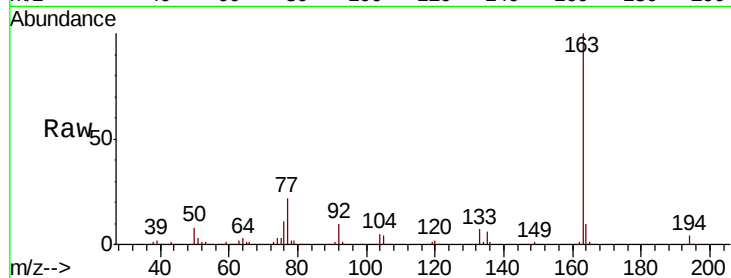




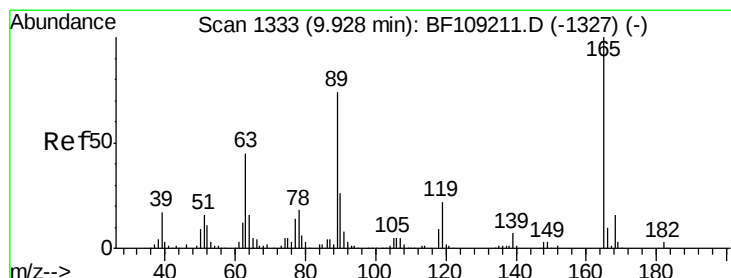
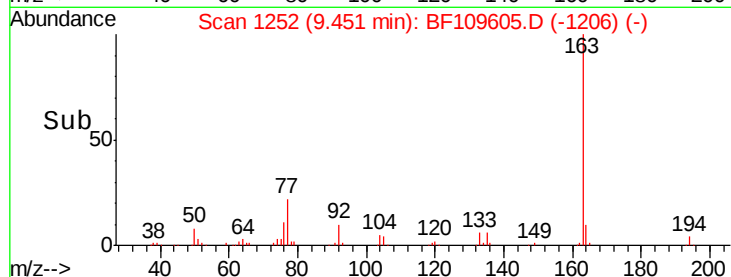
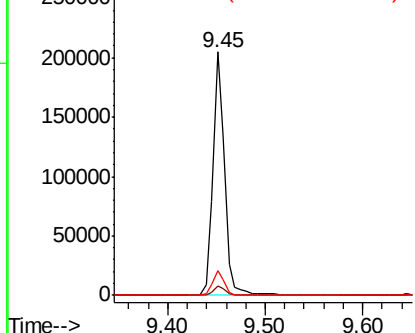
#49
 Dimethylphthalate
 Concen: 17.628 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampled :
 BSS-GW1

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

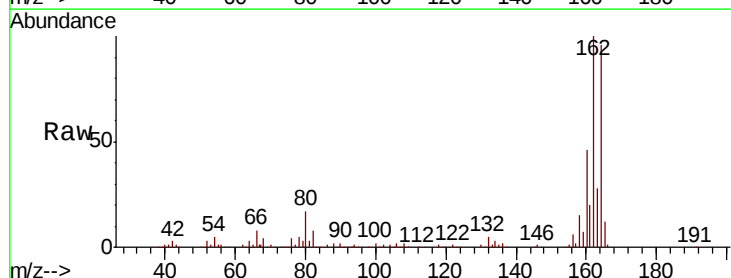


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

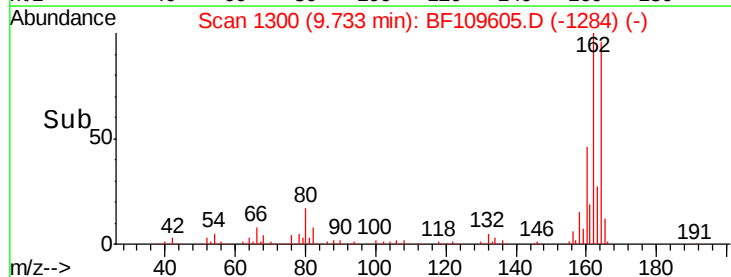
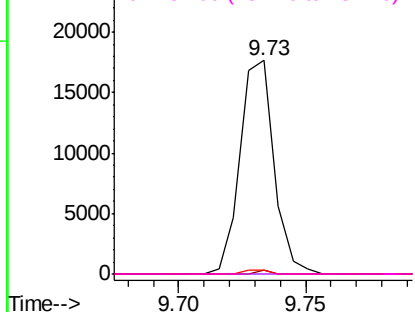


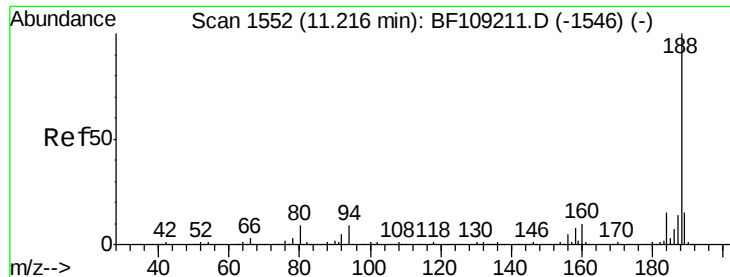
#56
 2,4-Dinitrotoluene
 Concen: 6.795 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.9	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

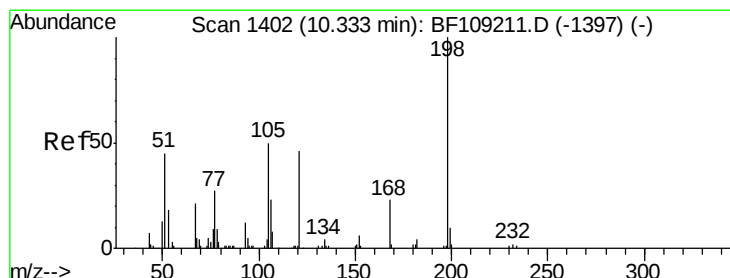
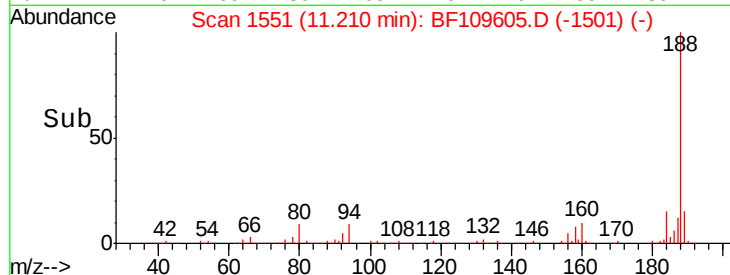
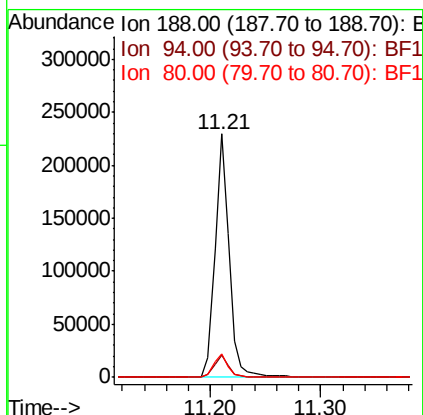
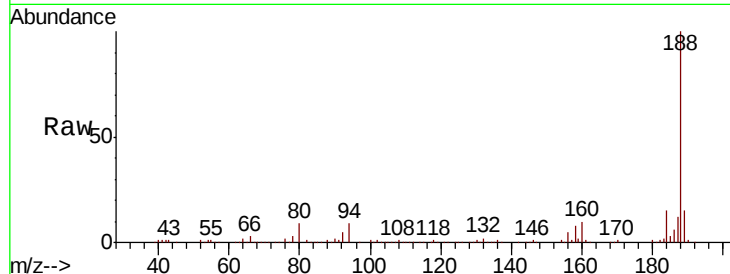




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

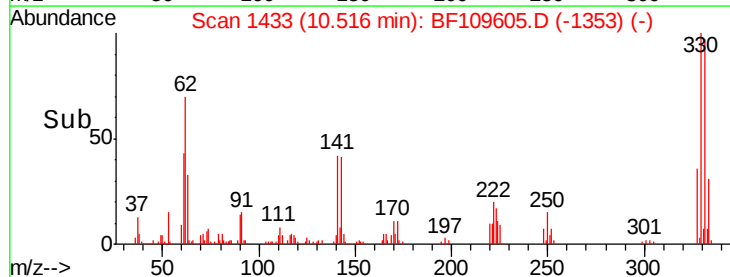
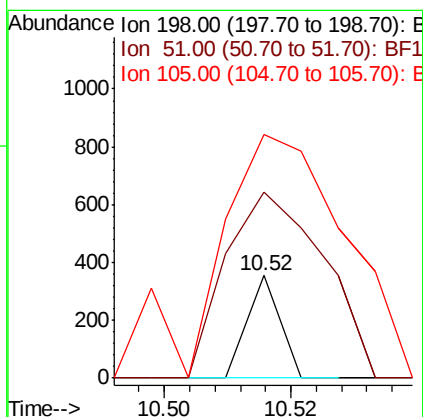
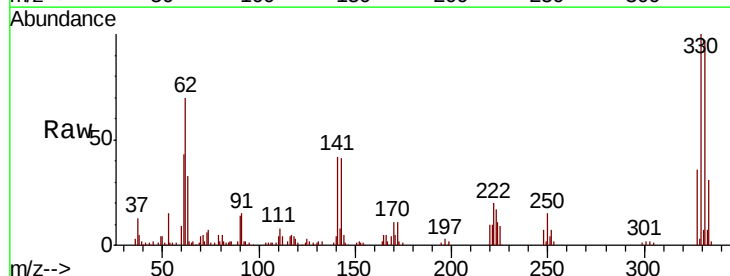
Instrument :
BNA_F
ClientSampleId :
BSS-GW1

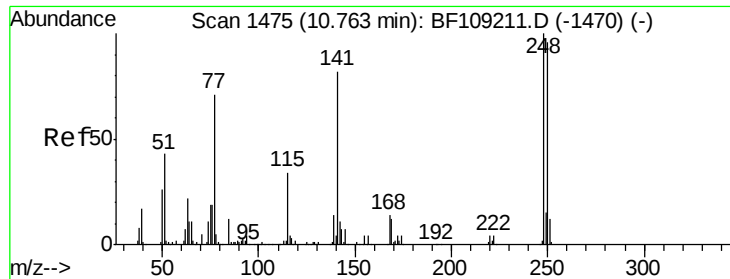
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.653 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	181.9	37.7	77.7#
105	237.9	36.3	76.3#

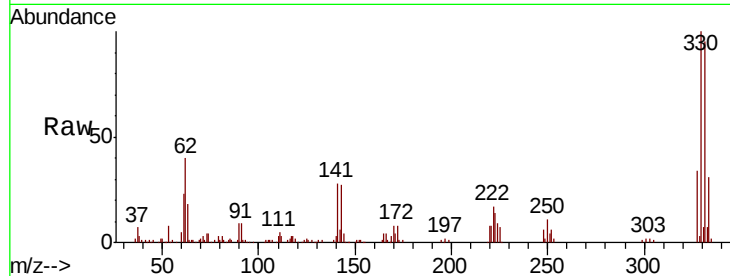




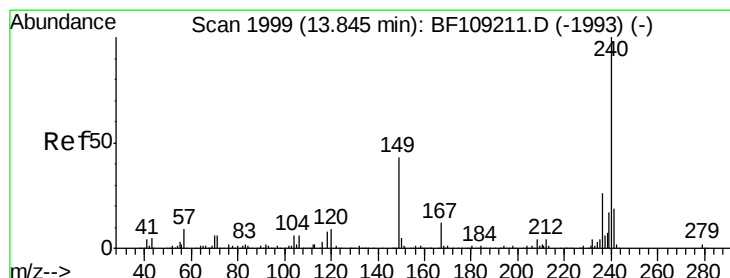
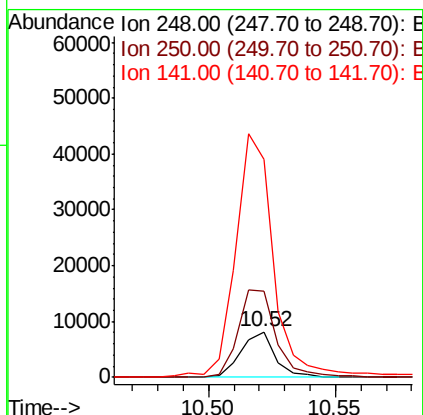
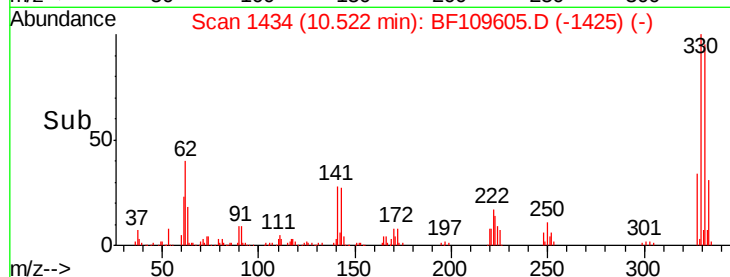
#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:248 Resp: 7659
Ion Ratio Lower Upper
248 100
250 191.6 76.9 115.3#
141 481.2 74.4 111.6#

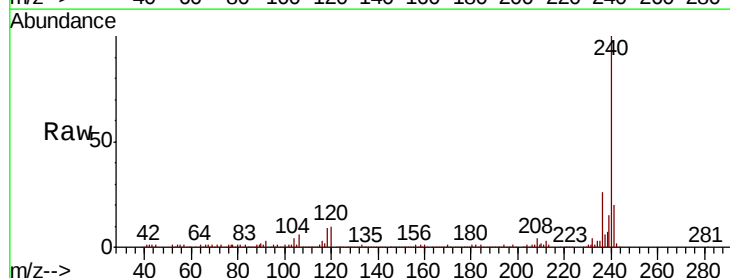


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

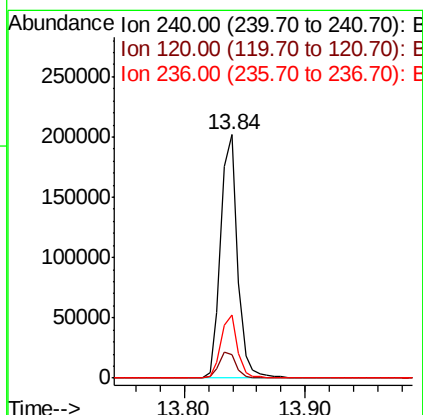
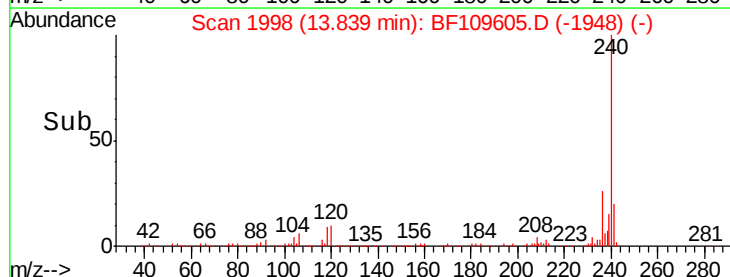


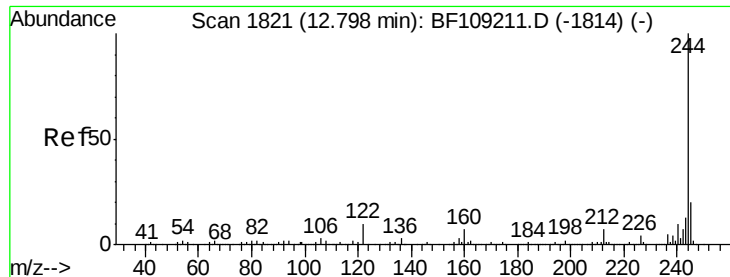
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:240 Resp: 194800
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.7 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

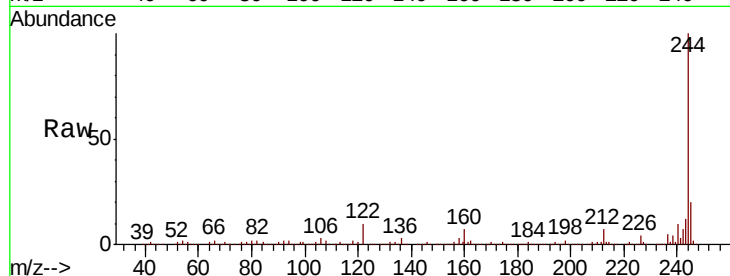




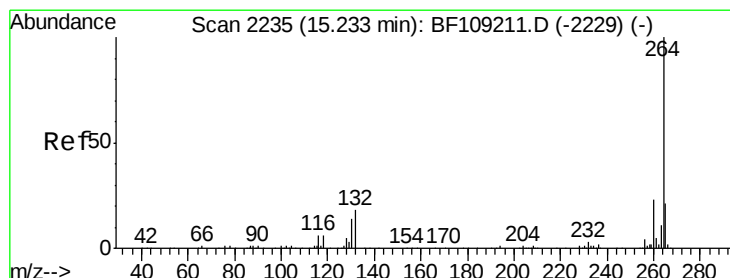
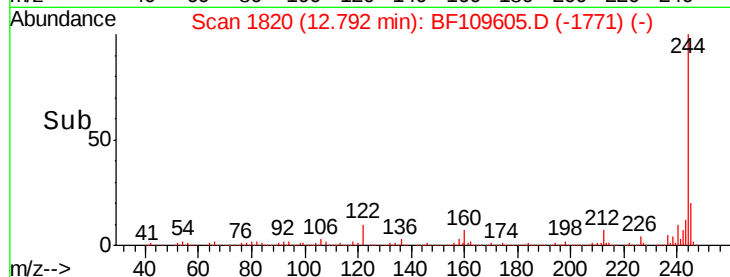
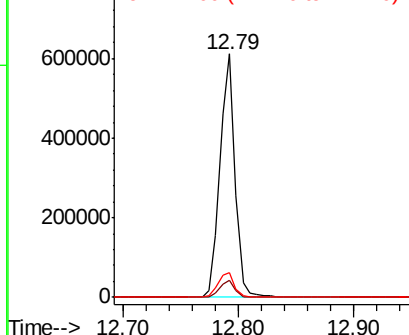
#78
 Terphenyl-d14
 Concen: 69.971 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Tgt Ion:244 Resp: 555395
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.4 11.0 16.4#

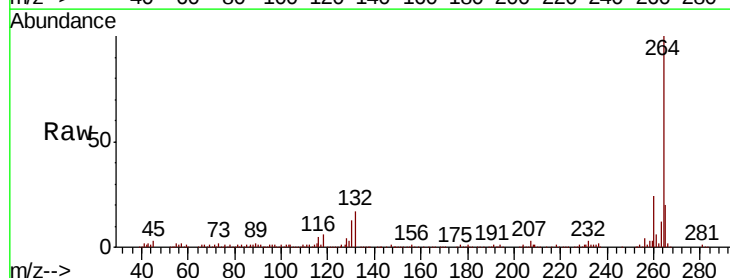


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Tgt Ion:264 Resp: 198984
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.3 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

