

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109590.D
 Acq On : 4 Oct 2018 16:48
 Operator : JU/SJ
 Sample : J5231-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

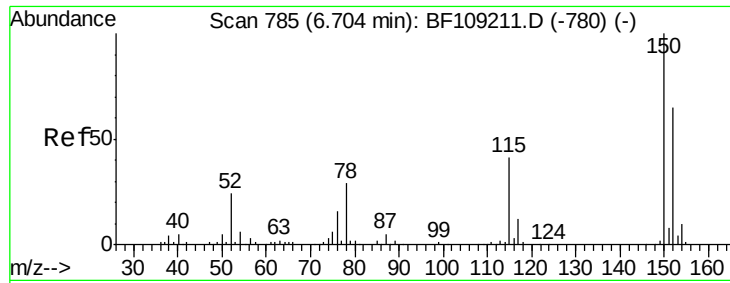
Quant Time: Oct 04 18:00:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	87909	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	304914	20.00	ng	0.02
38) Acenaphthene-d10	9.74	164	128111	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	203992	20.00	ng	0.00
75) Chrysene-d12	13.84	240	185450	20.00	ng	0.00
86) Perylene-d12	15.26	264	149098	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	64969	12.17	ng	0.08
7) Phenol-d6	6.44	99	7123	1.05	ng	0.08
23) Nitrobenzene-d5	7.32	82	467216	90.45	ng	0.04
41) 2,4,6-Tribromophenol	10.52	330	105428	83.48	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	813578	95.78	ng	0.00
78) Terphenyl-d14	12.80	244	618029	81.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.02	42	6951	2.582	ng	# 1
15) Benzyl Alcohol	6.87	79	42917	8.233	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	6.88	45	201958	23.592	ng	86
19) n-Nitroso-di-n-propylamine	7.23	70	45085	10.103	ng	# 63
32) Benzoic acid	7.99	122	35525	17.869	ng	92
33) 4-Chloroaniline	7.94	127	39018	6.268	ng	# 62
49) Dimethylphthalate	9.46	163	167627	17.990	ng	100
53) 2,4-Dinitrophenol	10.04	184	248	8.840	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	6221	2.746	ng	# 1

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

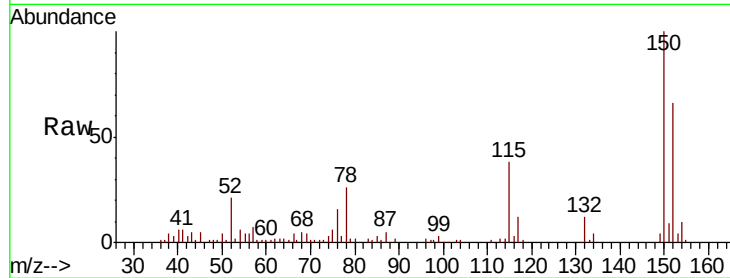


#1

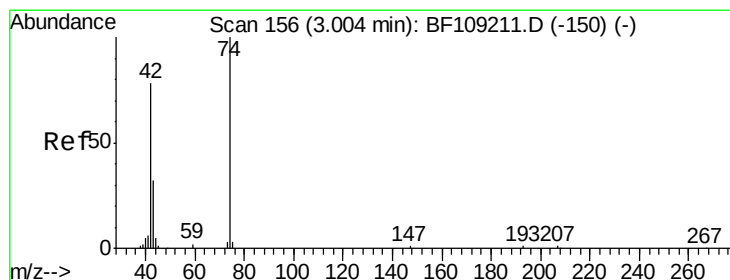
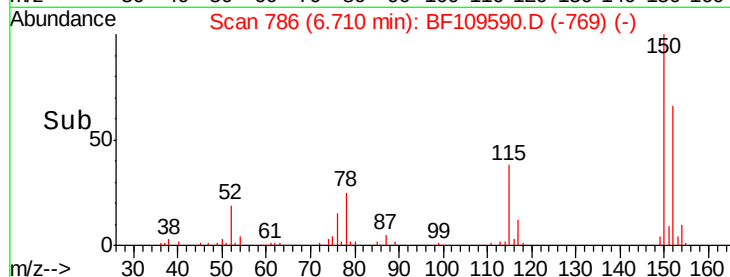
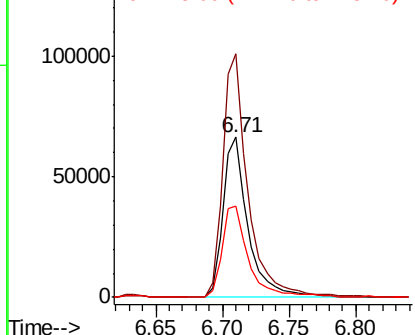
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 87909
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 57.1 50.1 75.1



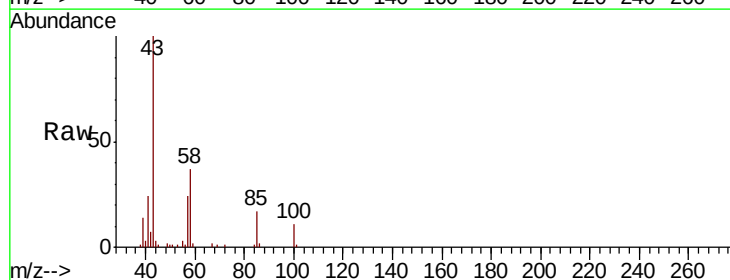
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



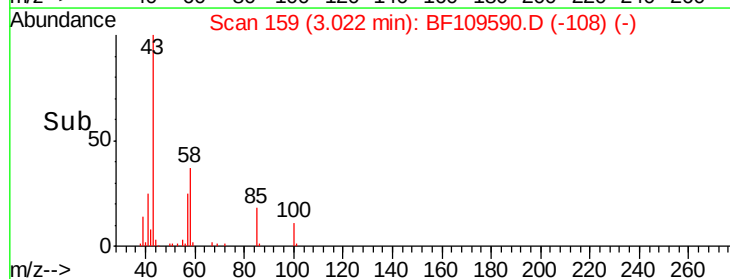
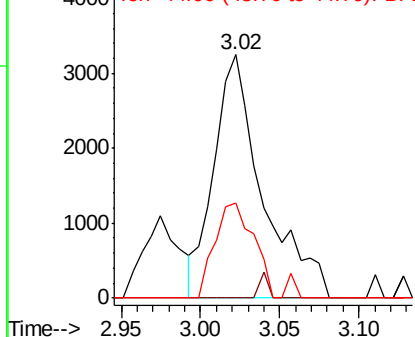
#4

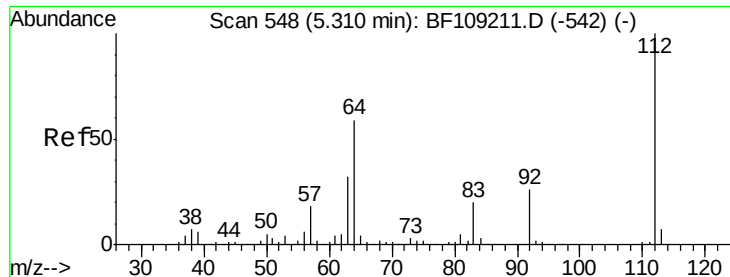
n-Nitrosodimethylamine
Concen: 2.582 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.00 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Tgt Ion: 42 Resp: 6951
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 39.2 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 12.173 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.08 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

Instrument :

BNA_G

ClientSampleId :

EFF-WW

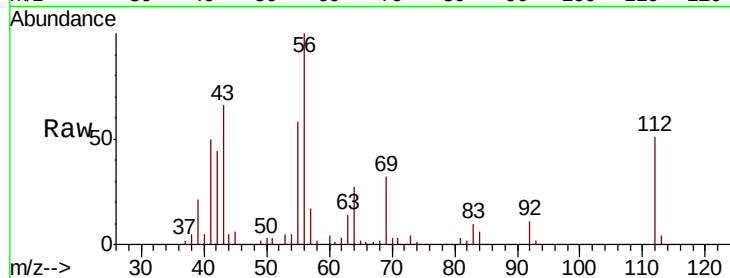
Tot Ion:112 Resp: 64969

Ion Ratio Lower Upper

112 100

64 51.8 47.9 71.9

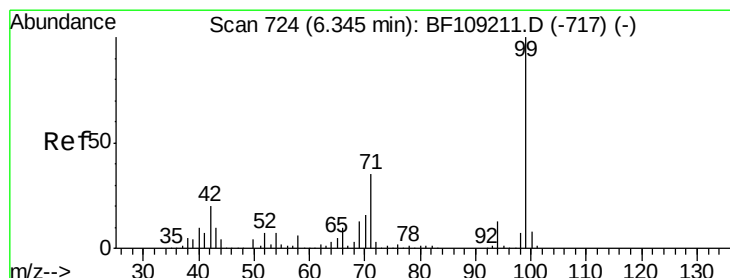
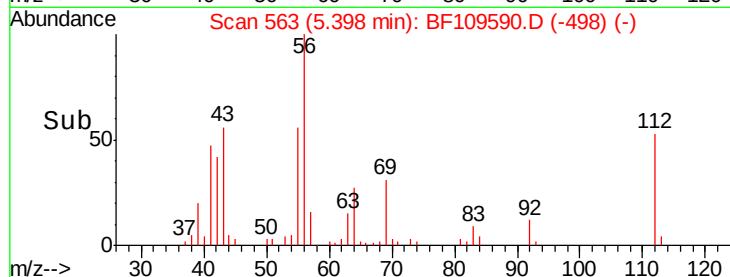
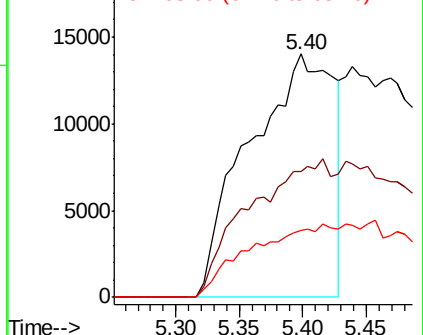
63 27.8 23.7 35.5



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: 1.046 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.08 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

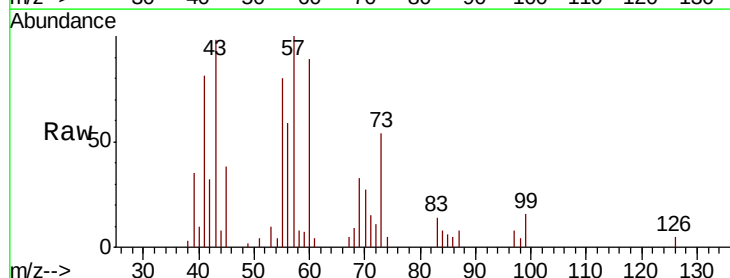
Tgt Ion: 99 Resp: 7123

Ion Ratio Lower Upper

99 100

42 204.2 14.5 21.7#

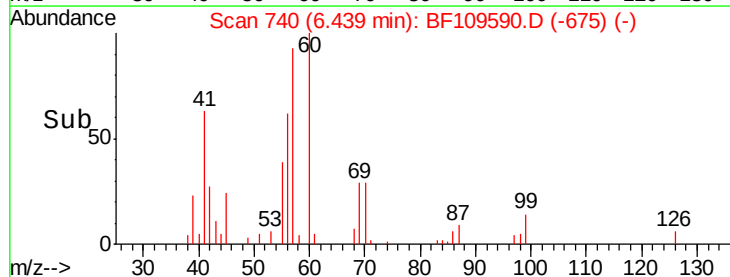
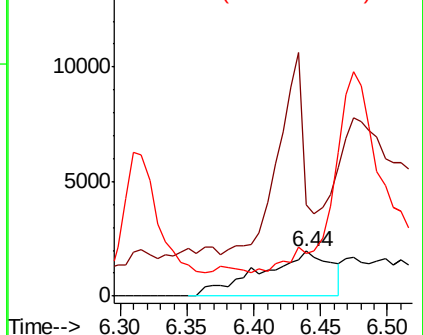
71 94.5 25.4 38.0#

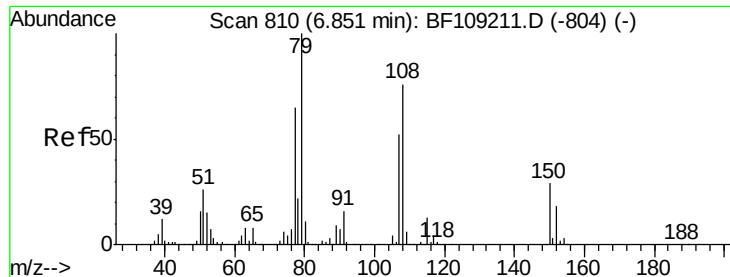


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#15

Benzyl Alcohol

Concen: 8.233 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

Instrument :

BNA_G

ClientSampleId :

EFF-WW

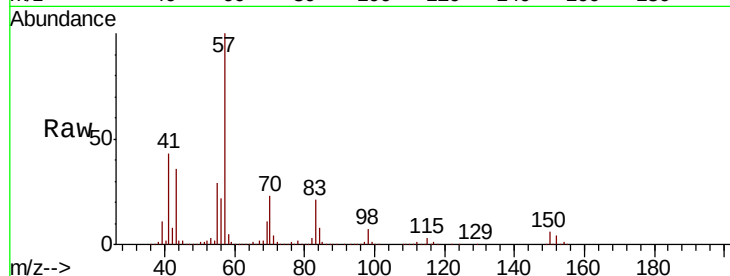
Tot Ion: 79 Resp: 42917

Ion Ratio Lower Upper

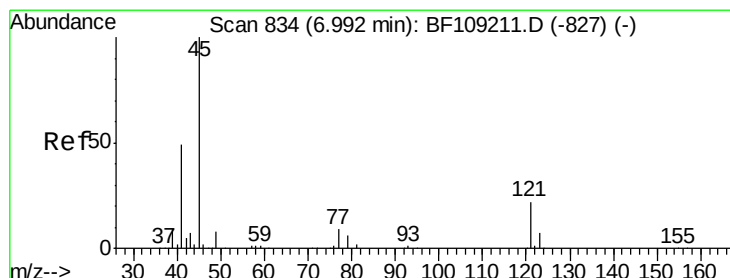
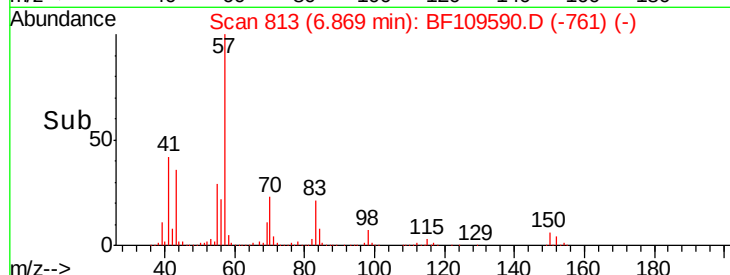
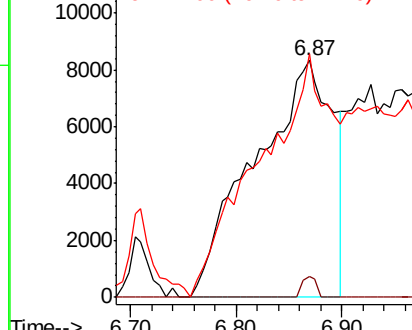
79 100

108 8.6 65.1 97.7#

77 102.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.592 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.12 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

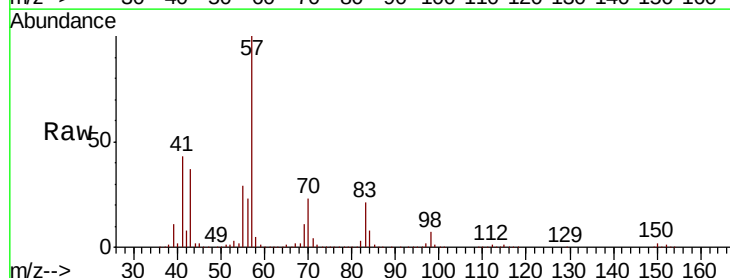
Tgt Ion: 45 Resp: 201958

Ion Ratio Lower Upper

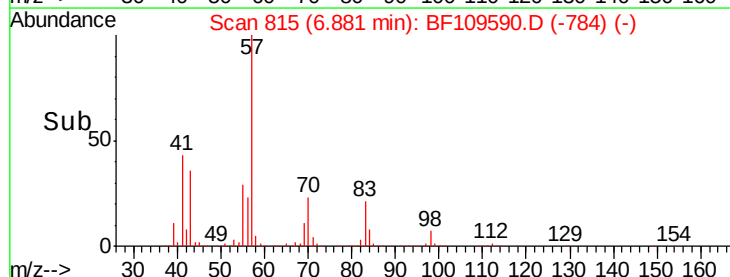
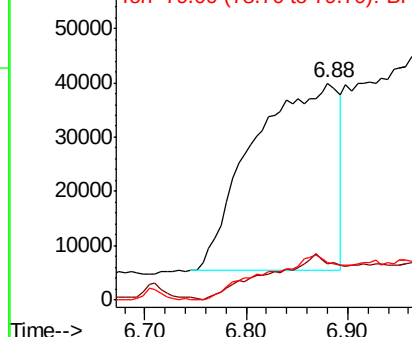
45 100

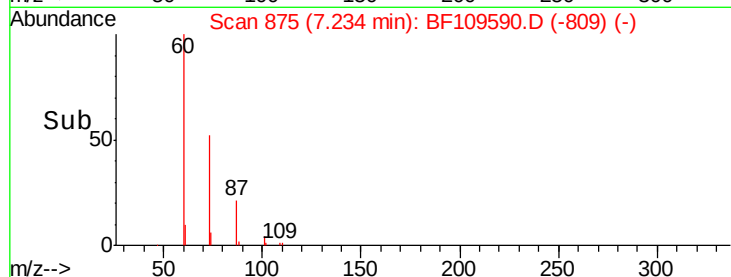
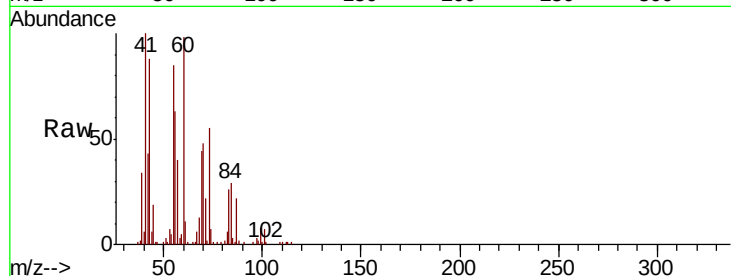
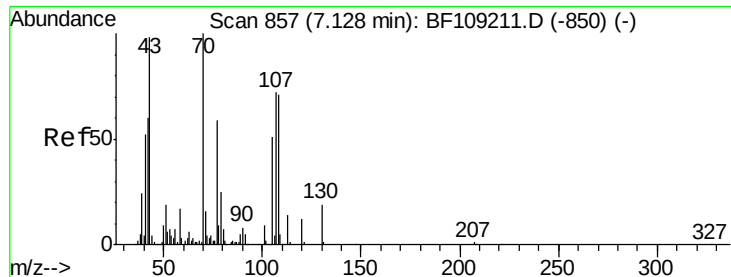
77 16.8 0.0 32.9

79 17.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

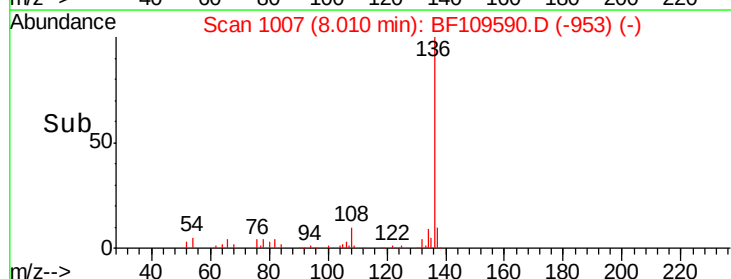
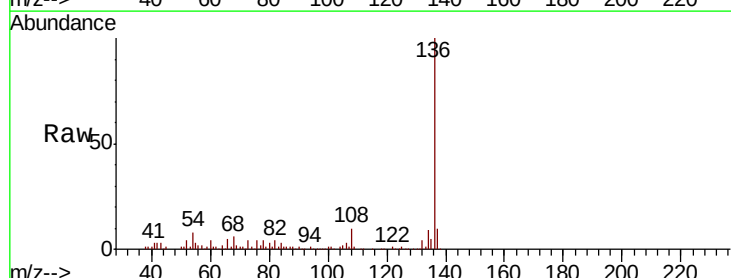
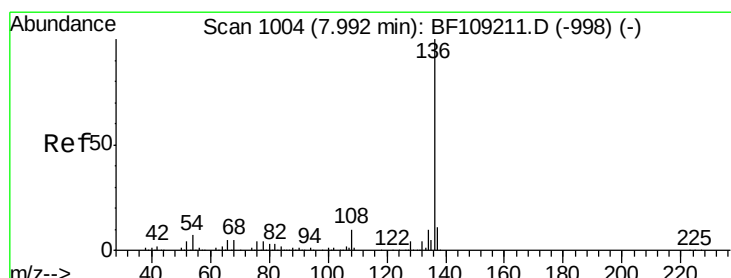
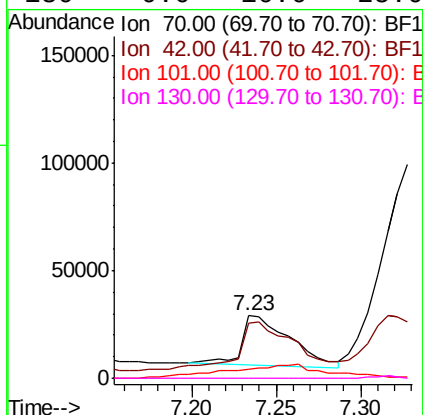




#19
n-Nitroso-di-n-propylamine
Concen: 10.103 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.09 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

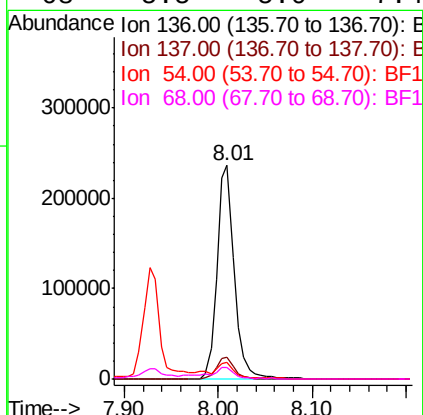
Instrument :
BNA_G
ClientSampleId :
EFF-WW

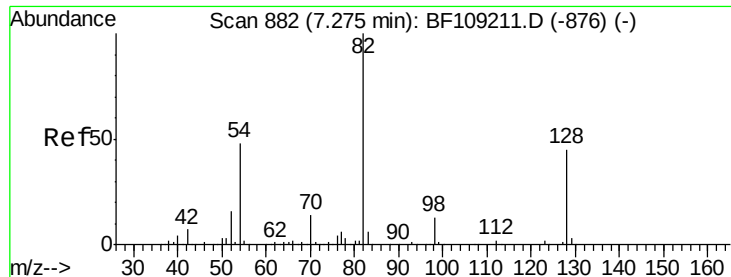
Tot Ion	Ratio	Lower	Upper
70	100		
42	87.8	47.5	71.3#
101	14.2	7.4	11.2#
130	0.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.5	6.6	9.8
68	5.5	5.0	7.4

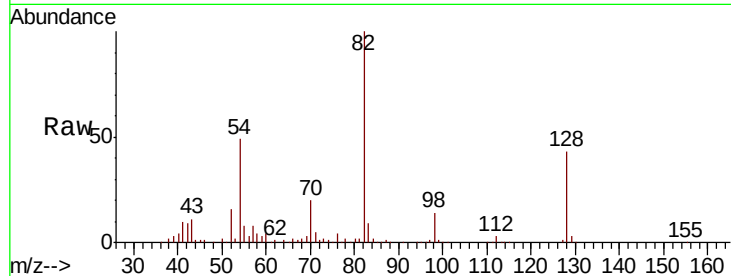




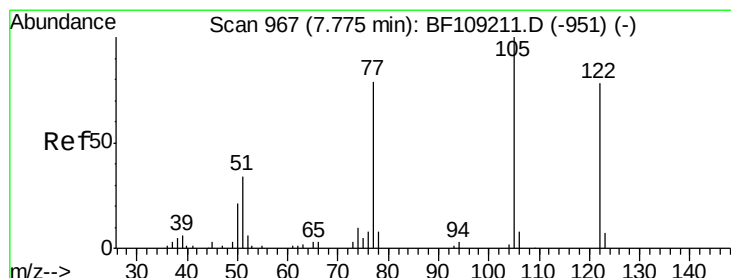
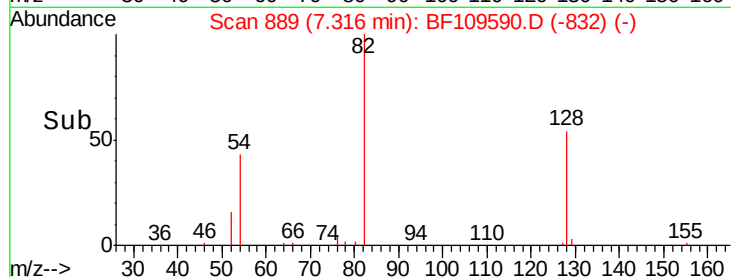
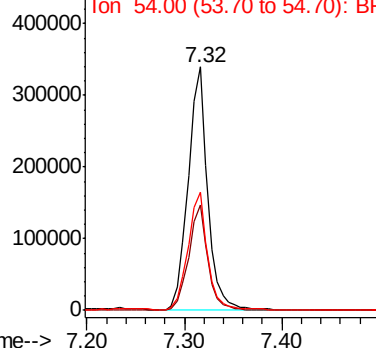
#23
 Nitrobenzene-d5
 Concen: 90.453 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.04 min
 Lab File: BF109590.D
 Acq: 4 Oct 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tot Ion: 82 Resp: 467216
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 48.7 41.4 62.2

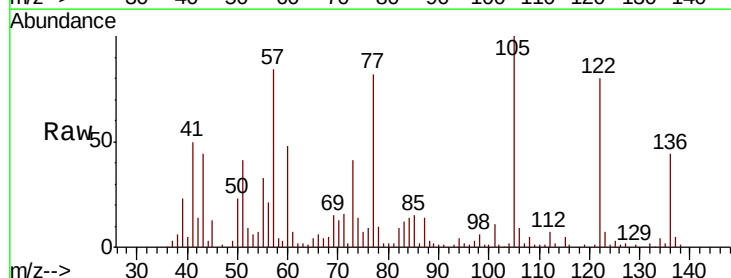


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

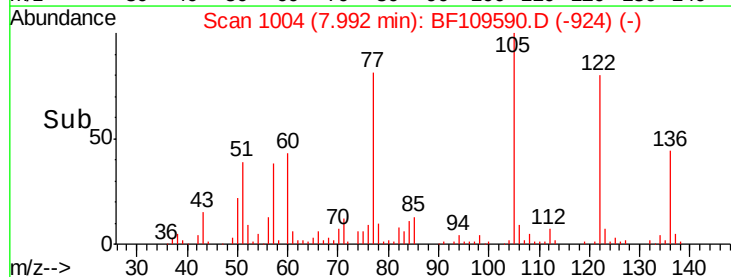
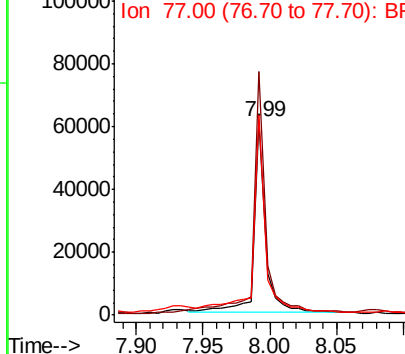


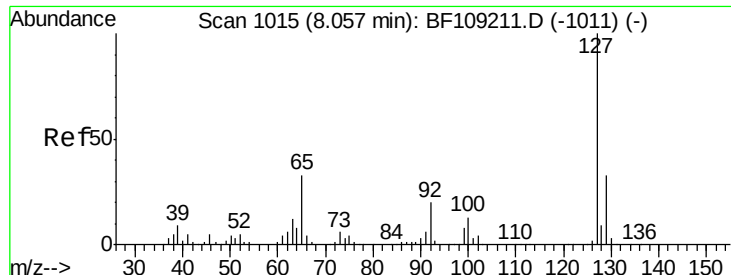
#32
 Benzoic acid
 Concen: 17.869 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.17 min
 Lab File: BF109590.D
 Acq: 4 Oct 2018 16:48

Tgt Ion: 122 Resp: 35525
 Ion Ratio Lower Upper
 122 100
 105 125.7 101.1 141.1
 77 103.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

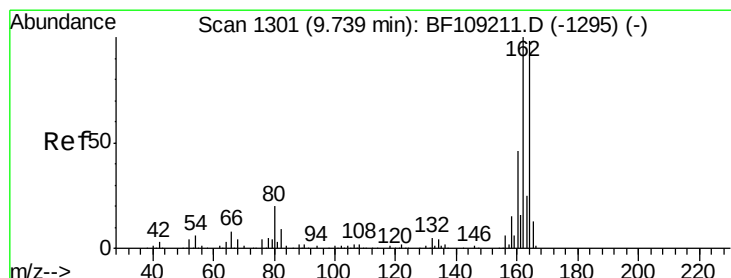
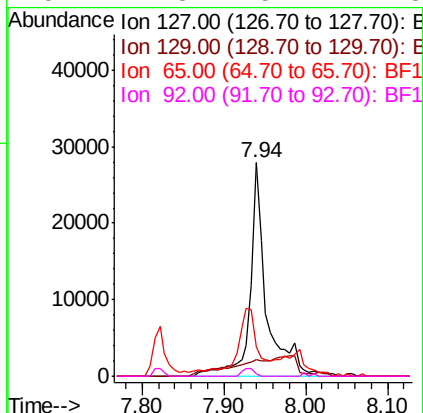
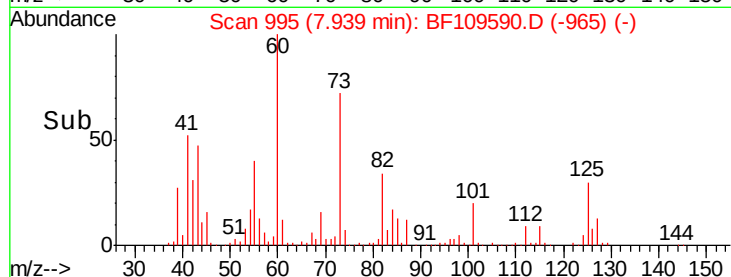
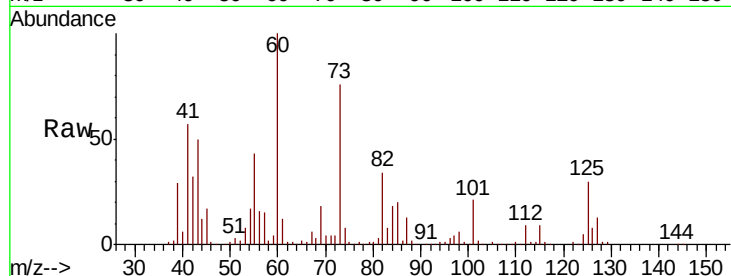




#33
4-Chloroaniline
Concen: 6.268 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.12 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

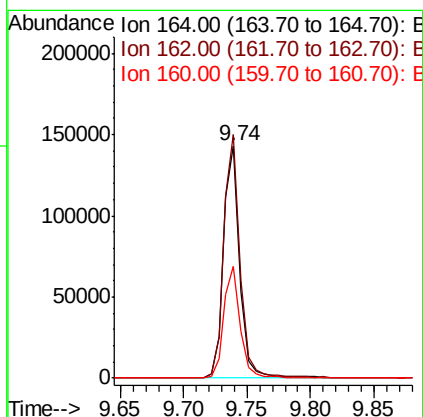
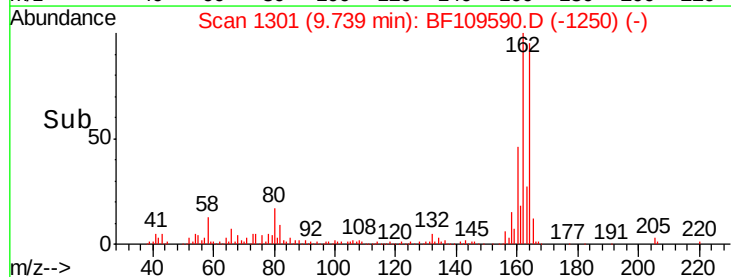
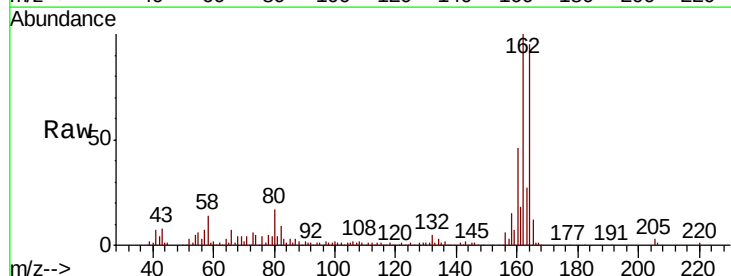
Instrument :
BNA_G
ClientSampleId :
EFF-WW

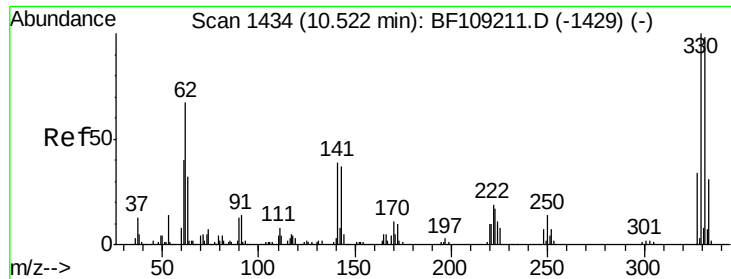
Tot Ion:	127	Resp:	39018
Ion	Ratio	Lower	Upper
127	100		
129	8.0	25.9	38.9#
65	13.9	25.0	37.4#
92	1.3	15.2	22.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Tgt Ion:	164	Resp:	128111
Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	48.2	38.3	57.5

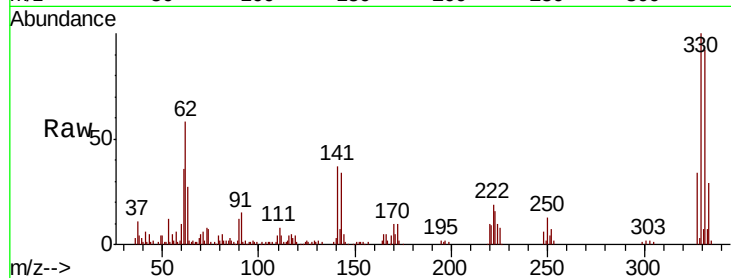




#41
 2,4,6-Tribromophenol
 Concen: 83.480 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109590.D
 Acq: 4 Oct 2018 16:48

Instrument :
 BNA_G
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	34.9	29.9	44.9

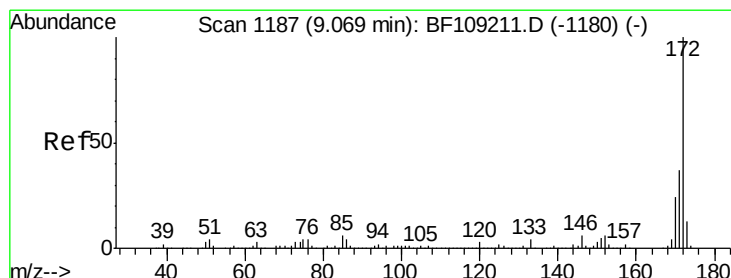
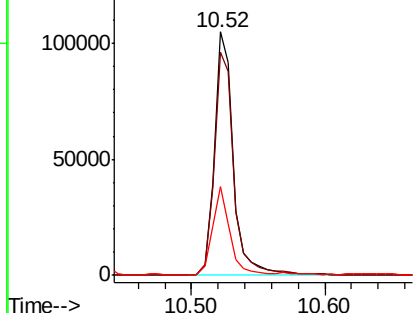
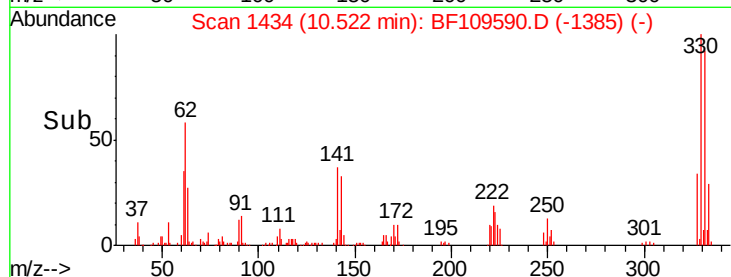


Abundance

Ion 329.80 (329.50 to 330.50): E

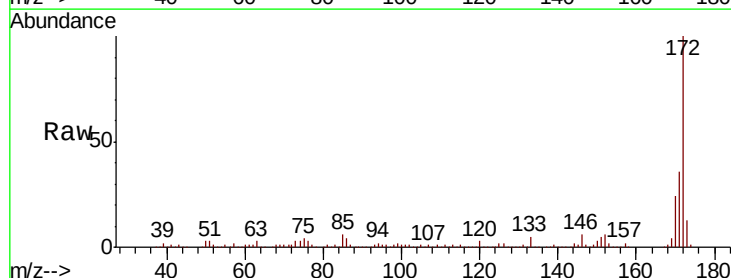
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.779 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109590.D
 Acq: 4 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

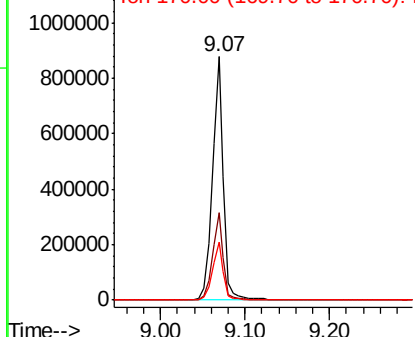
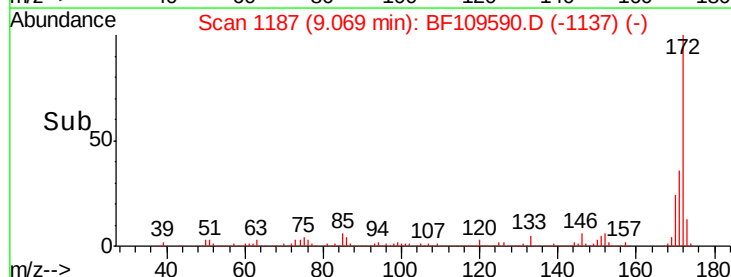


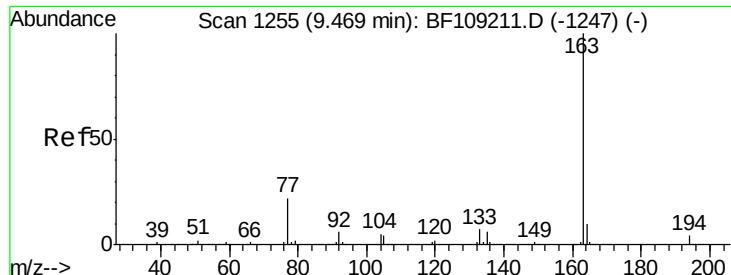
Abundance

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: 17.990 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

Instrument :

BNA_G

ClientSampleId :

EFF-WW

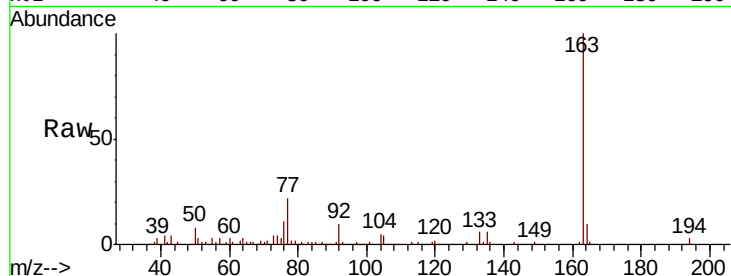
Tot Ion:163 Resp: 167627

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

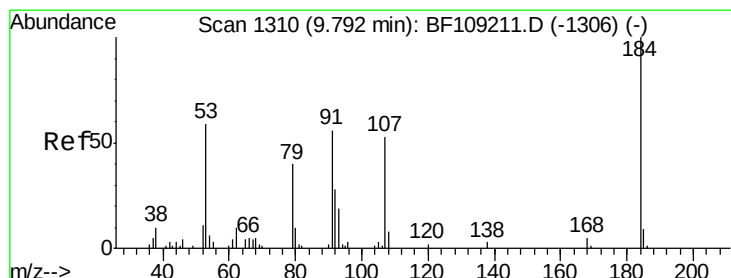
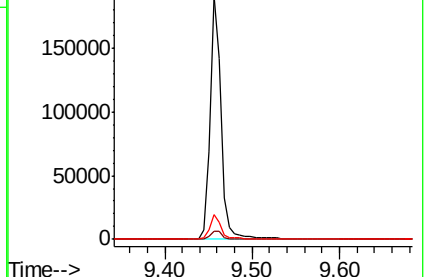
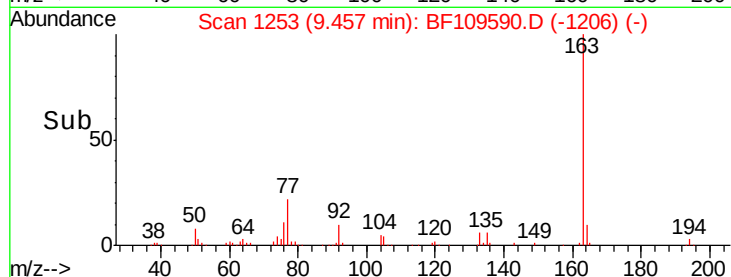
164 10.2 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 8.840 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.24 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

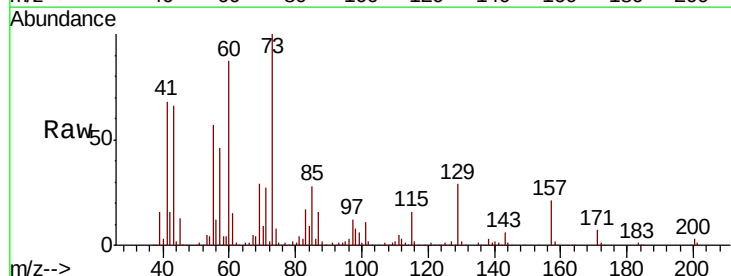
Tgt Ion:184 Resp: 248

Ion Ratio Lower Upper

184 100

63 188.0 54.2 81.2#

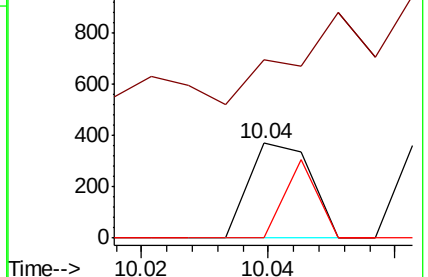
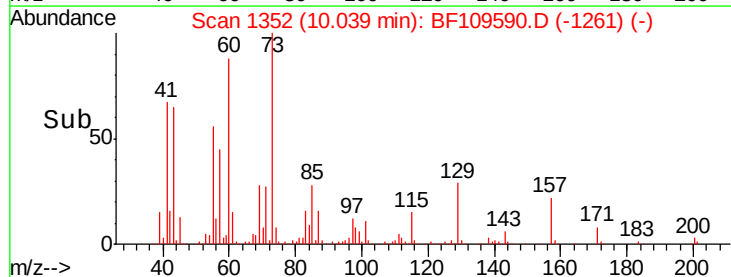
154 0.0 184.0 276.0#

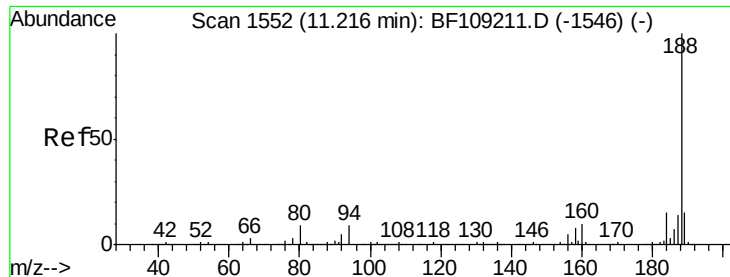


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

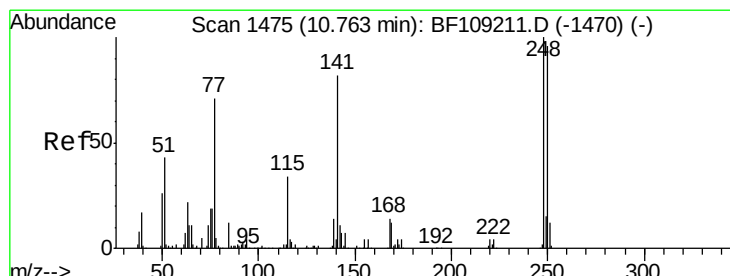
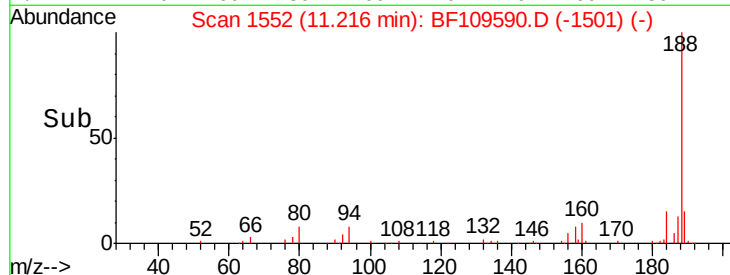
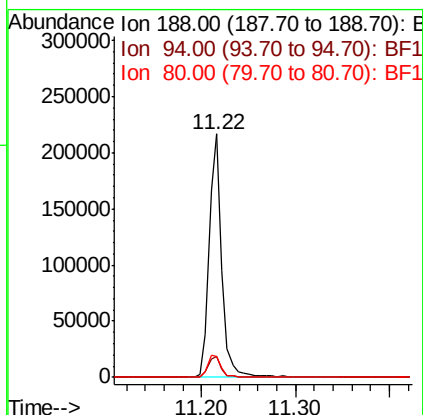
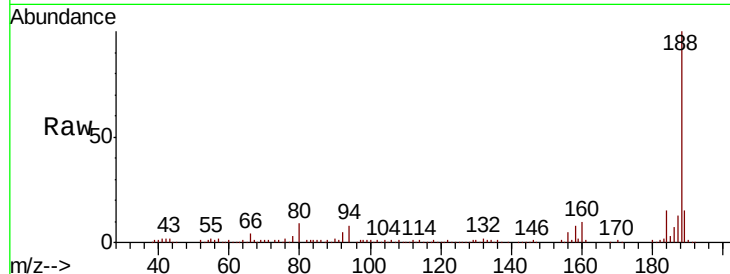




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

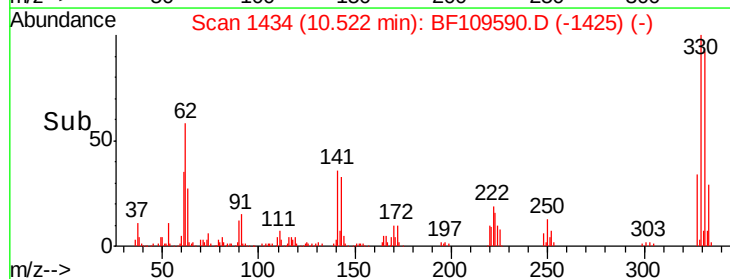
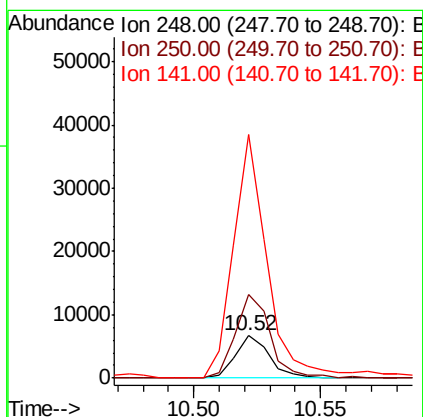
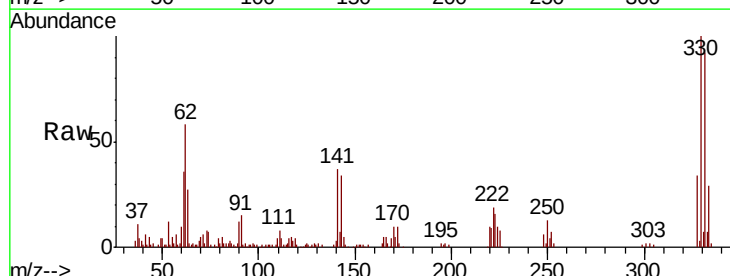
Instrument :
BNA_G
ClientSampleId :
EFF-WW

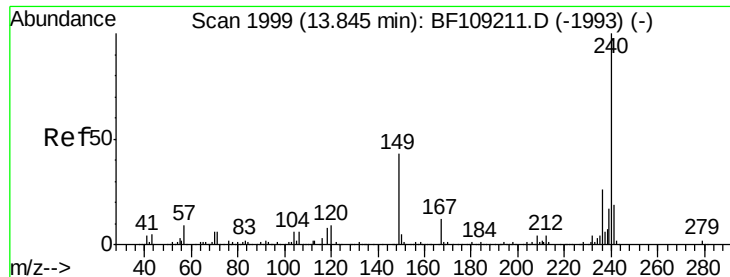
Tot Ion:188 Resp: 203992
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.6 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.746 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Tgt Ion:248 Resp: 6221
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 578.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

Instrument :

BNA_G

ClientSampleId :

EFF-WW

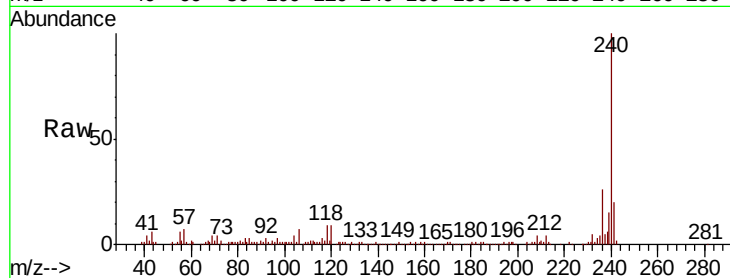
Tot Ion:240 Resp: 185450

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

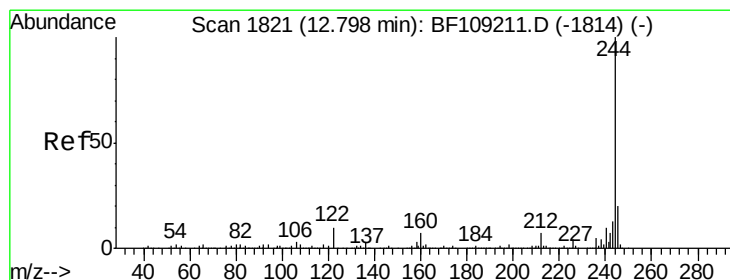
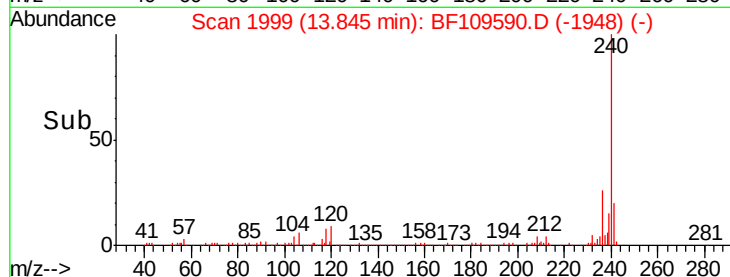
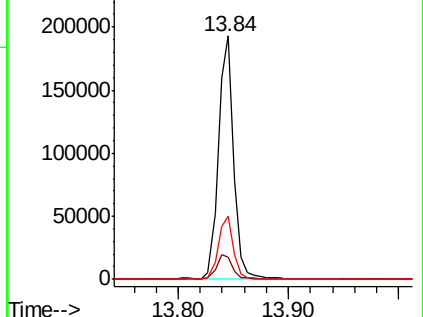
236 26.0 20.7 31.1



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: 81.787 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109590.D

Acq: 4 Oct 2018 16:48

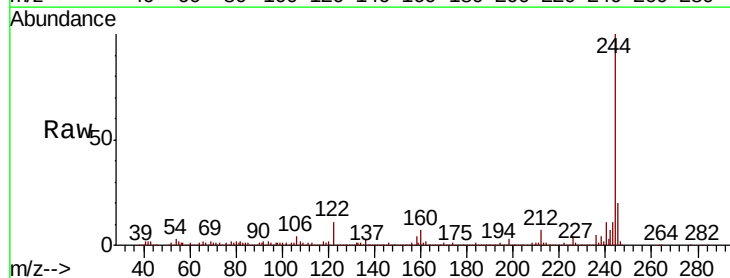
Tgt Ion:244 Resp: 618029

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

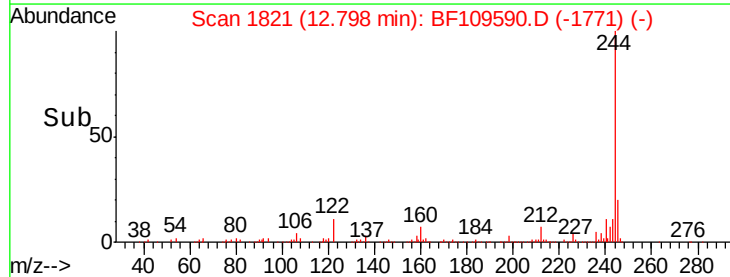
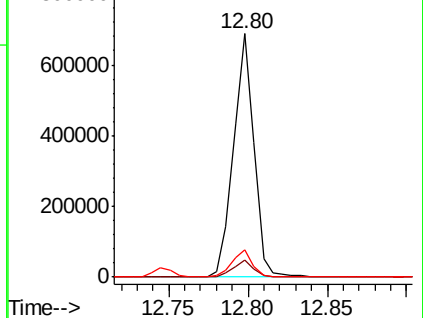
122 11.2 11.0 16.4

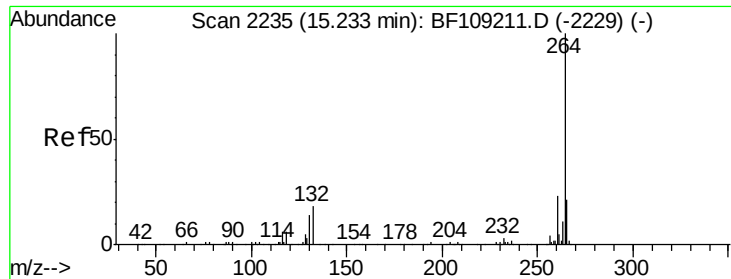


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109590.D
Acq: 4 Oct 2018 16:48

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.1	17.5	26.3

