

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036818.D
 Acq On : 19 Sep 2018 12:41
 Operator : JU/SJ
 Sample : J4929-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 14:06:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

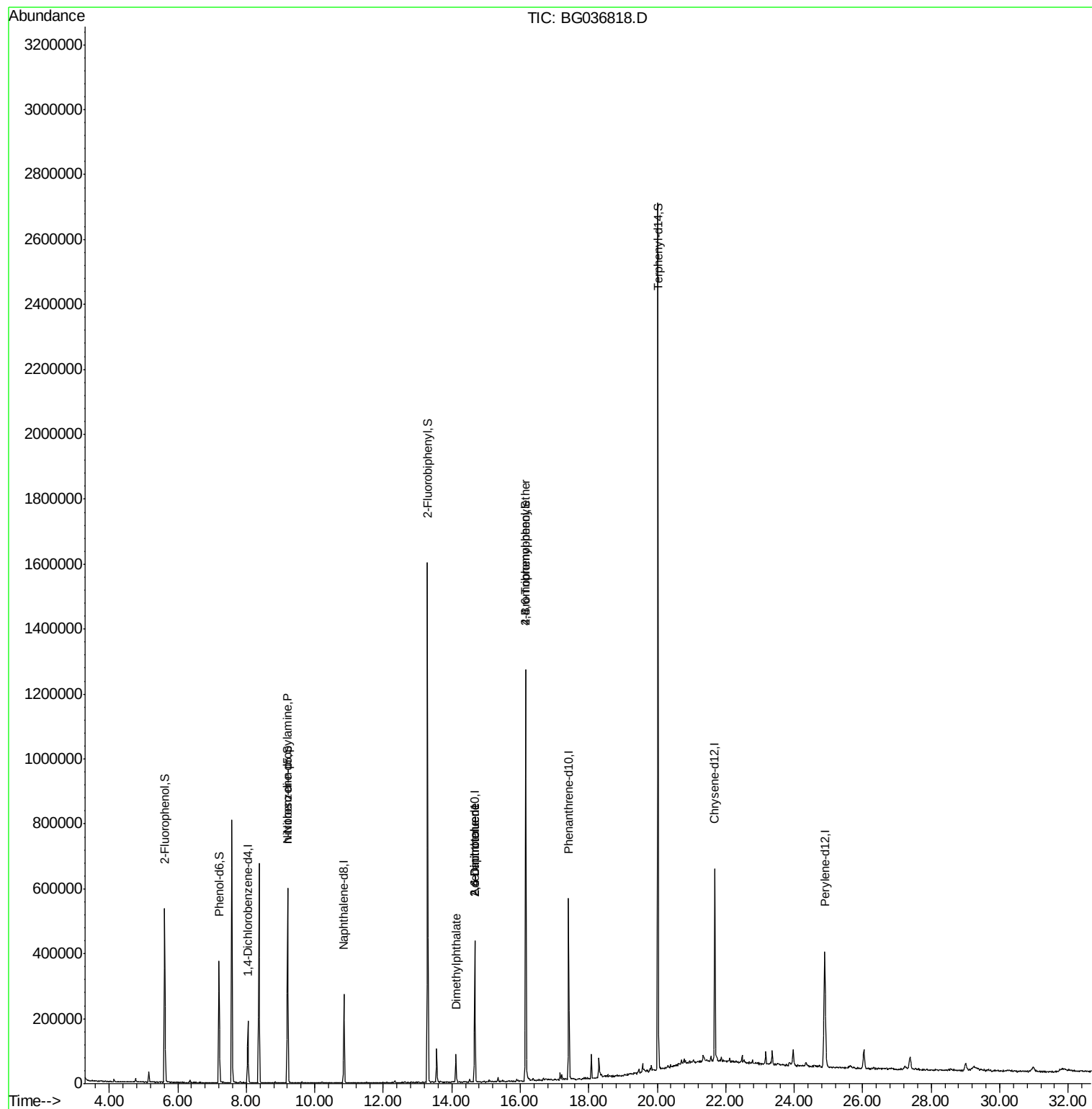
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52210	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	228391	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	151256	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	367234	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	367783	20.00	ng	-0.02
86) Perylene-d12	24.89	264	374186	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	229799	69.82	ng	0.00
7) Phenol-d6	7.21	99	221279	46.96	ng	-0.01
23) Nitrobenzene-d5	9.21	82	364043	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	237461	131.57	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	817483	77.17	ng	-0.02
78) Terphenyl-d14	20.02	244	1292548	82.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47702	13.545	ng	# 70
49) Dimethylphthalate	14.12	163	57159	4.628	ng	# 99
50) 2,6-Dinitrotoluene	14.67	165	19429	7.645	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	19429	5.866	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	16886	3.927	ng	# 1

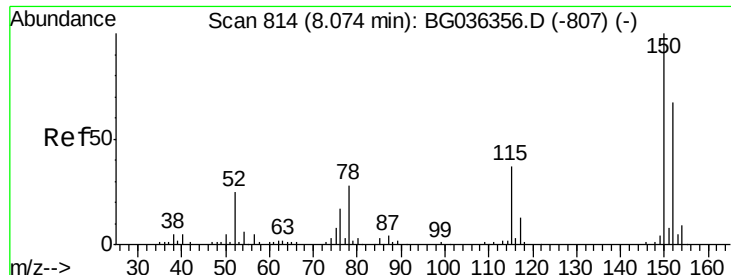
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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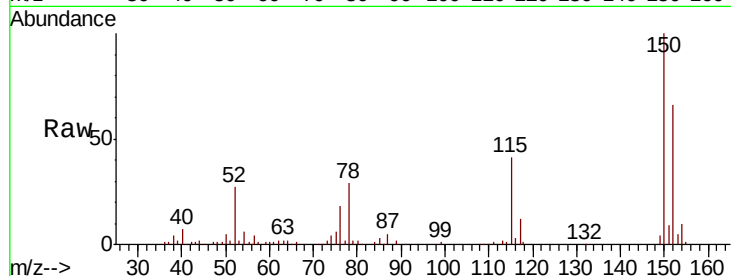


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036818.D
 Acq: 19 Sep 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	61.8	44.5	66.7

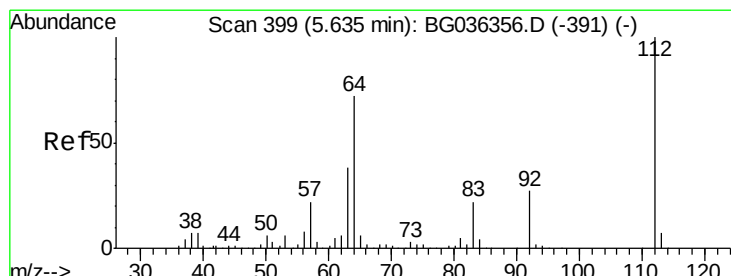
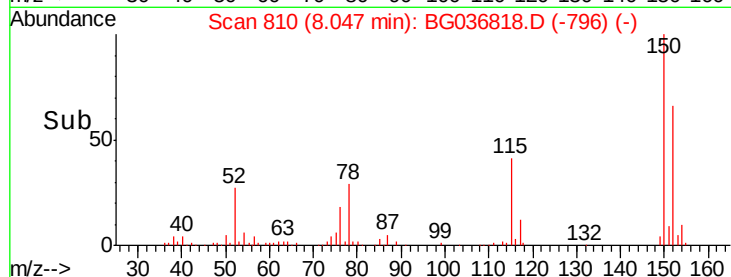
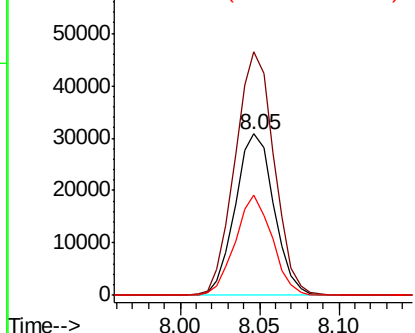


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

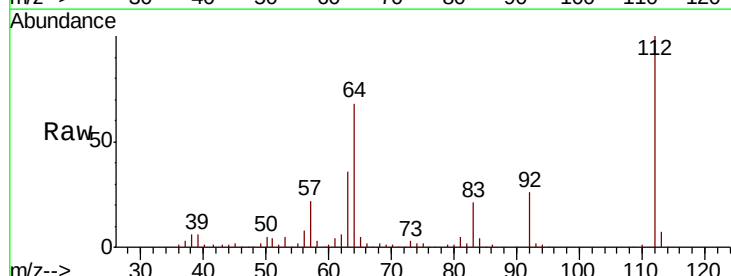
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 69.820 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036818.D
 Acq: 19 Sep 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	35.9	30.8	46.2

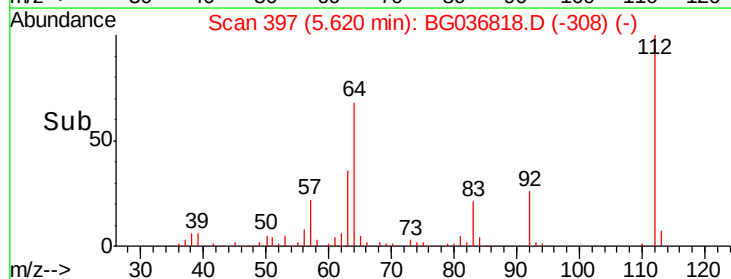
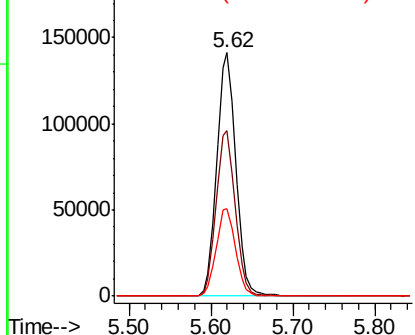


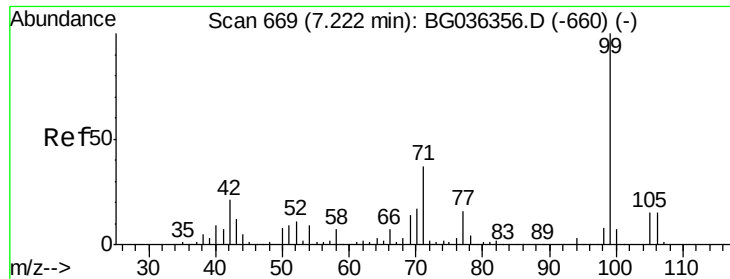
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.957 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

Instrument :

BNA_G

ClientSampleId :

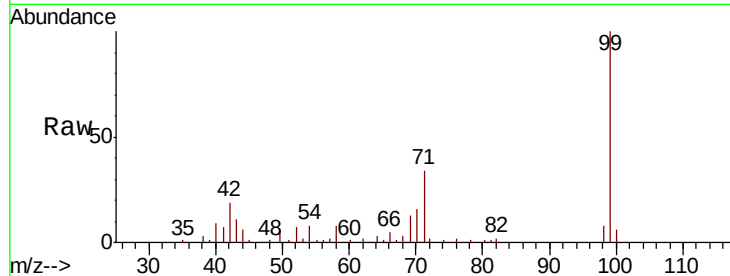
Tot Ion: 99 Resp: 221279

Ion Ratio Lower Upper

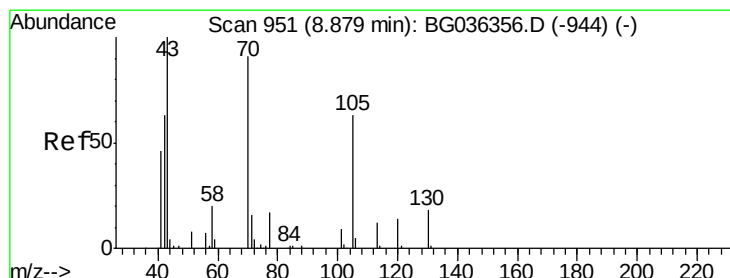
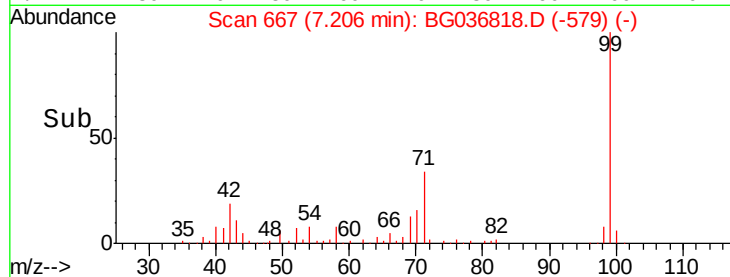
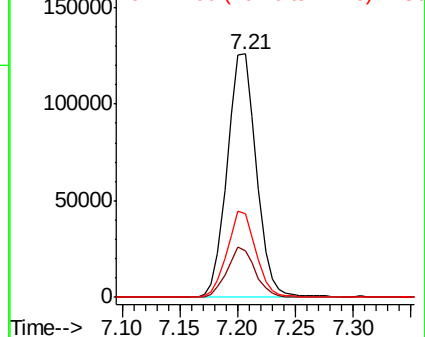
99 100

42 19.1 16.5 24.7

71 34.2 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.545 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

Tgt Ion: 70 Resp: 47702

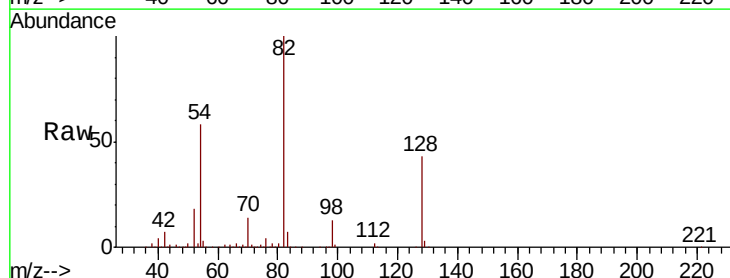
Ion Ratio Lower Upper

70 100

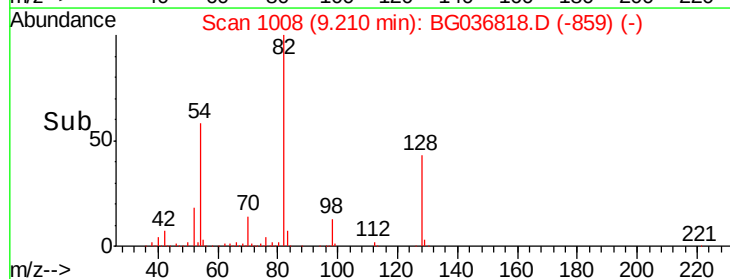
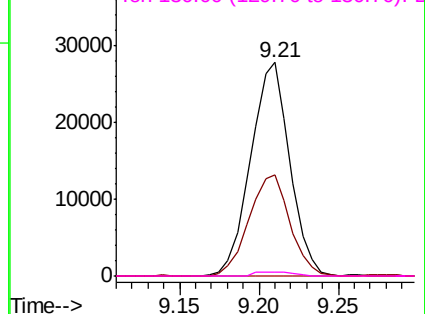
42 47.6 56.2 84.4#

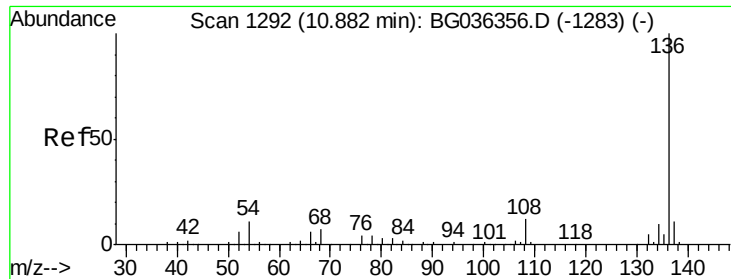
101 0.0 7.8 11.6#

130 2.1 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

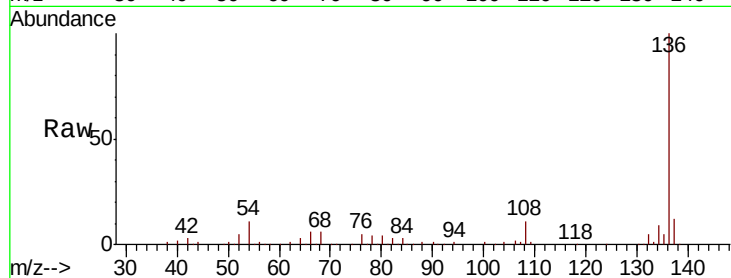




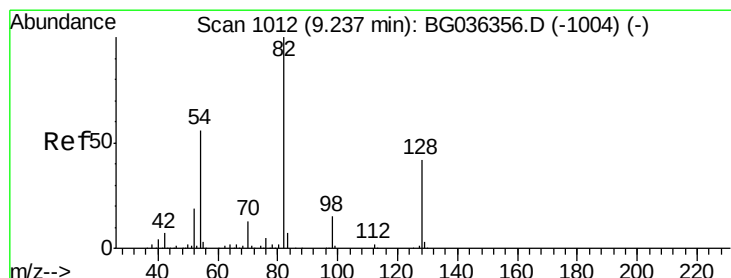
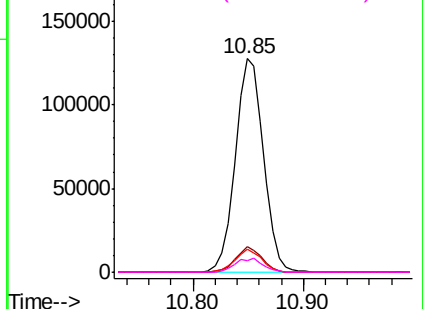
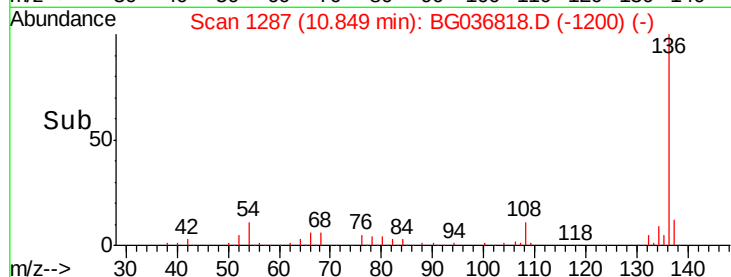
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228391
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.8 13.2
54	10.5	9.2 13.8
68	5.7	5.8 8.6

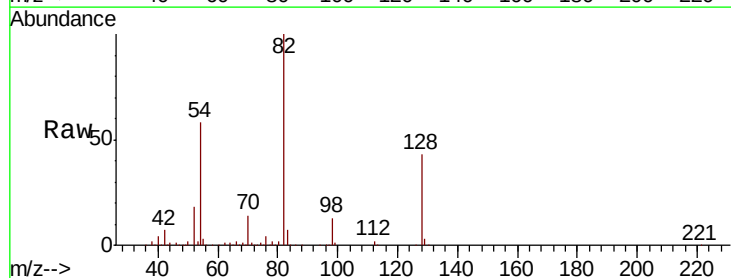


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

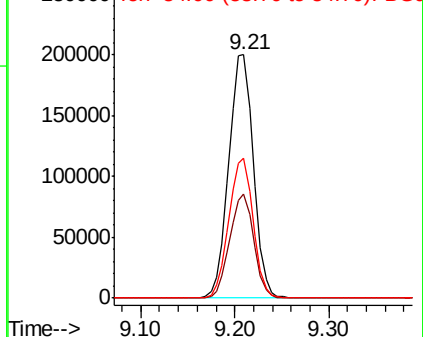
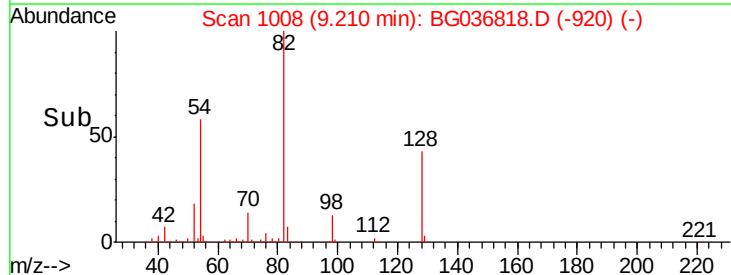


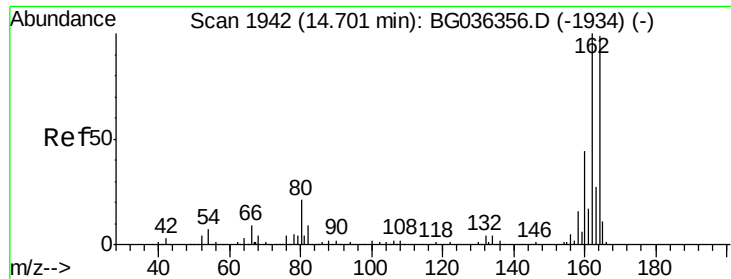
#23
Nitrobenzene-d5
Concen: 86.482 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Tgt Ion: 82	Resp:	364043
Ion Ratio	Lower	Upper
82	100	
128	42.8	33.3 49.9
54	57.6	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

Instrument :

BNA_G

ClientSampleId :

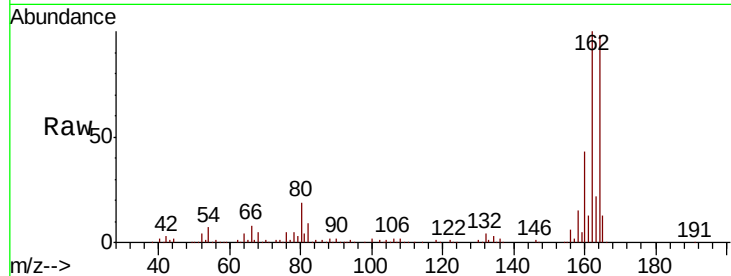
Tot Ion:164 Resp: 151256

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

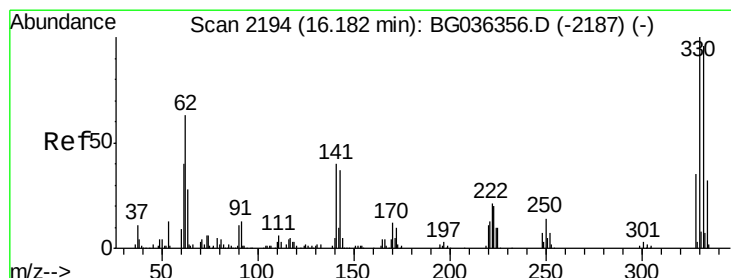
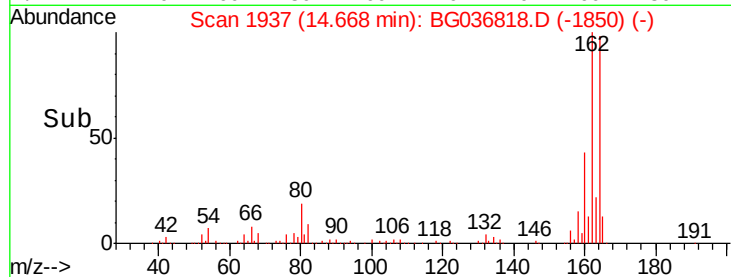
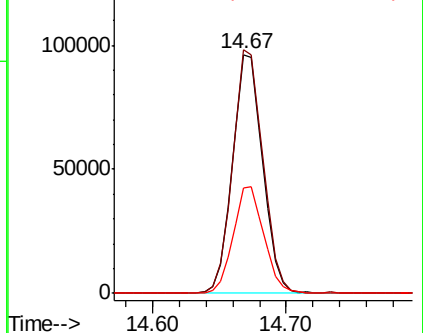
160 44.2 35.3 52.9



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: 131.570 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

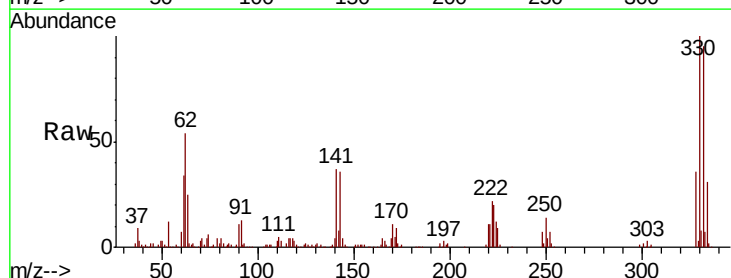
Tgt Ion:330 Resp: 237461

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

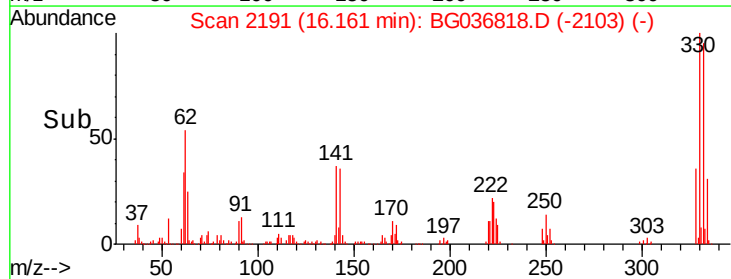
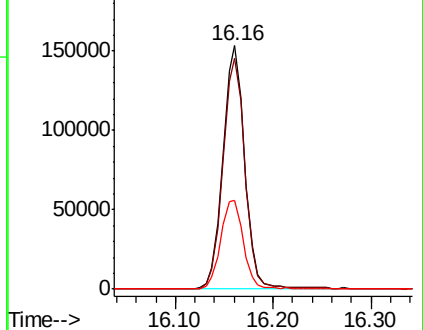
141 38.2 30.7 46.1

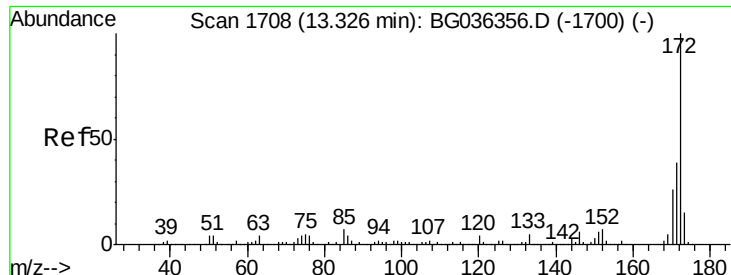


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

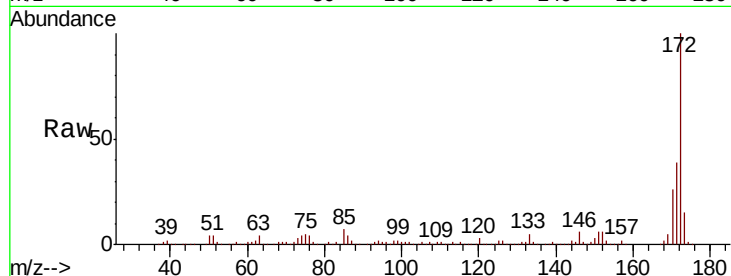




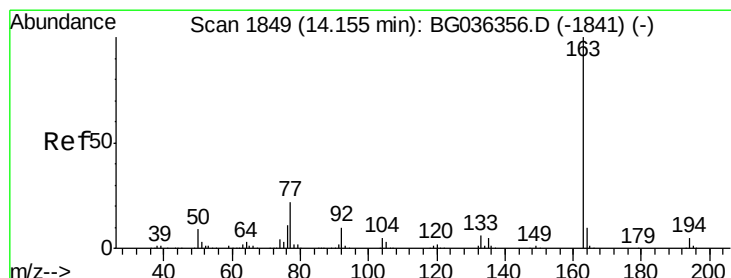
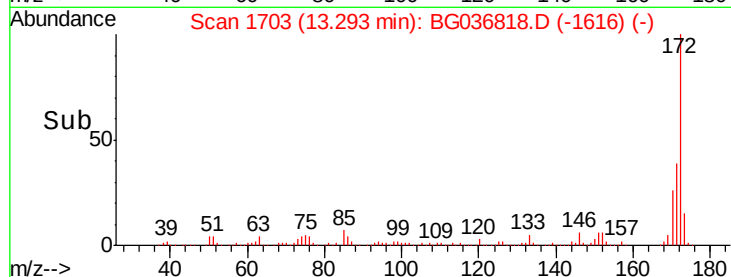
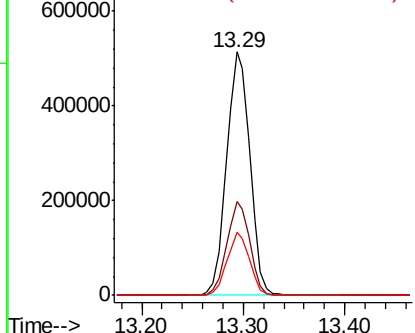
#44
2-Fluorobiphenyl
Concen: 77.168 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 817483
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 25.7 21.0 31.6

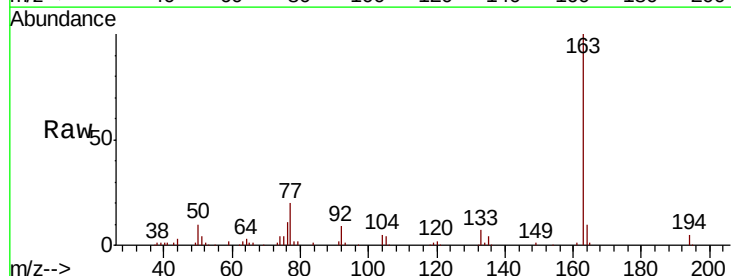


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

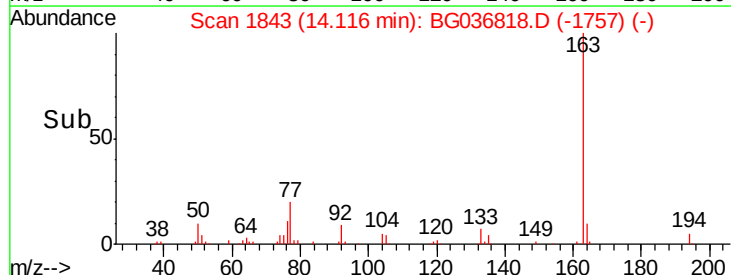
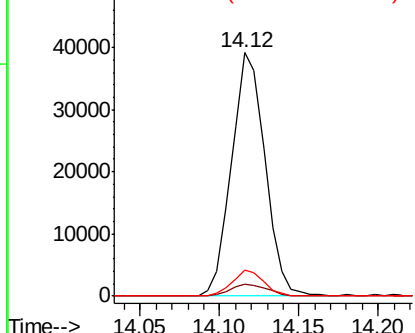


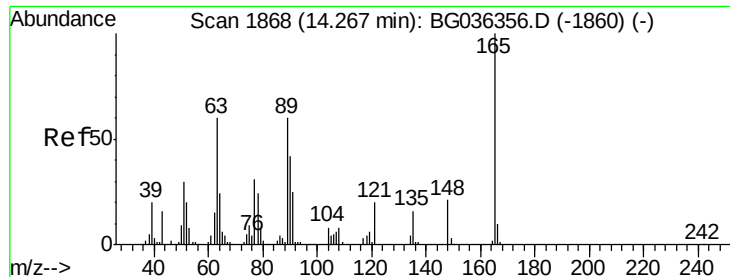
#49
Dimethylphthalate
Concen: 4.628 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Tgt Ion:163 Resp: 57159
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 10.4 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

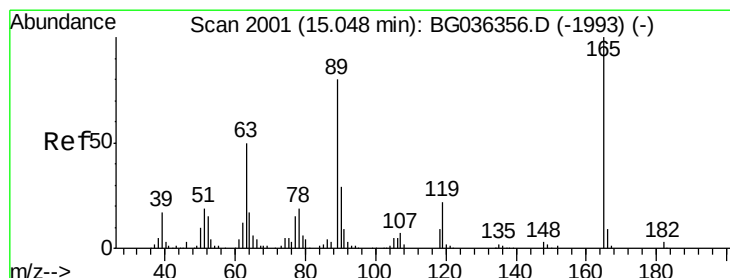
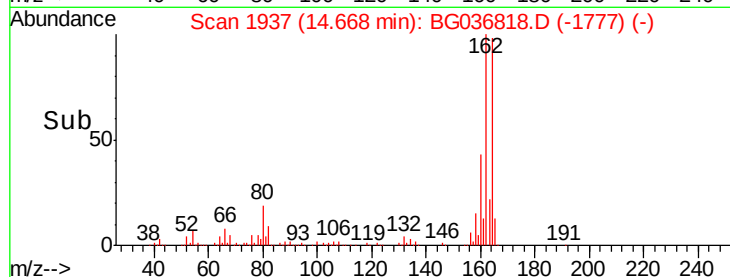
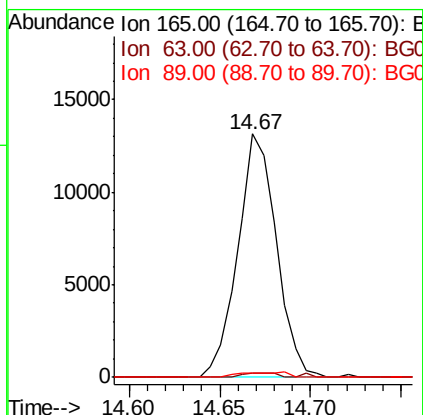
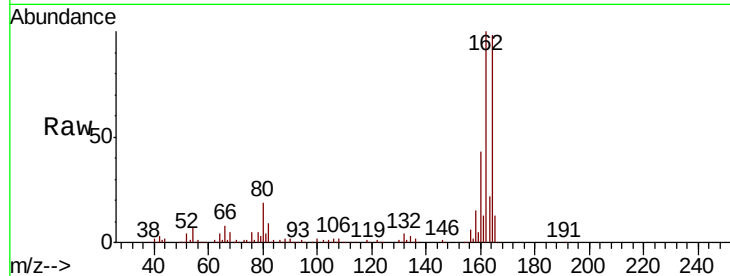




#50
2,6-Dinitrotoluene
Concen: 7.645 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

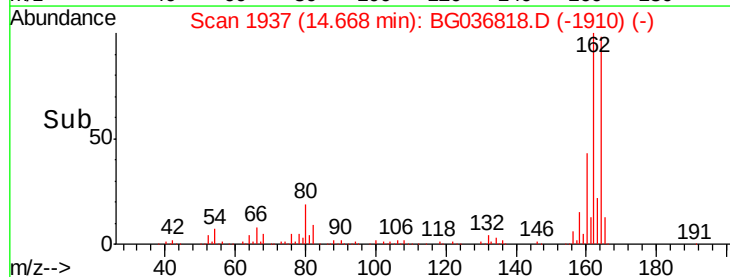
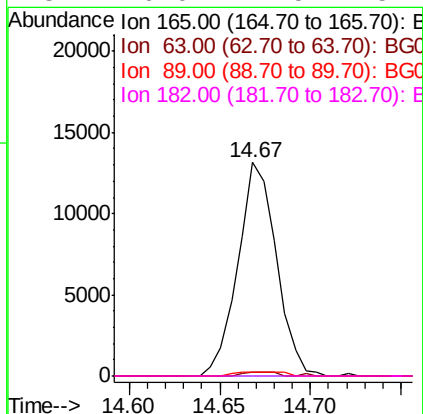
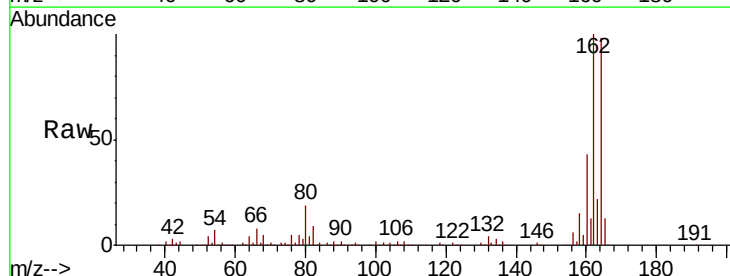
Instrument :
BNA_G
ClientSampleId :

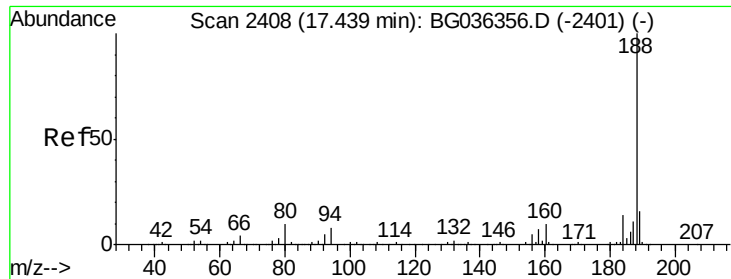
Tot Ion:165 Resp: 19429
Ion Ratio Lower Upper
165 100
63 2.0 50.1 75.1#
89 2.0 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Tgt Ion:165 Resp: 19429
Ion Ratio Lower Upper
165 100
63 2.0 40.1 60.1#
89 2.0 63.7 95.5#
182 0.0 2.5 3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.02 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

Instrument :

BNA_G

ClientSampleId :

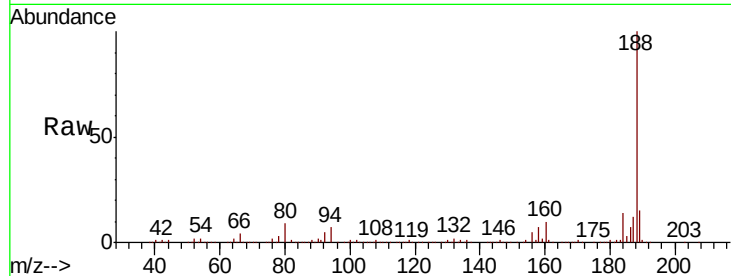
Tot Ion:188 Resp: 367234

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

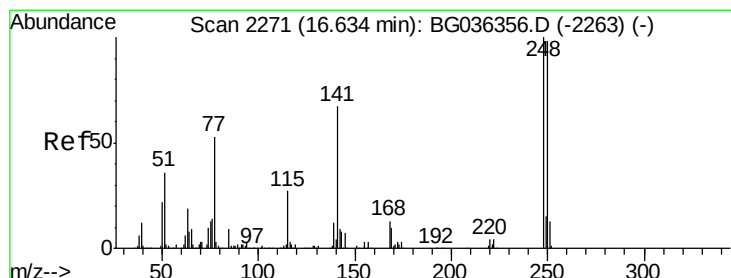
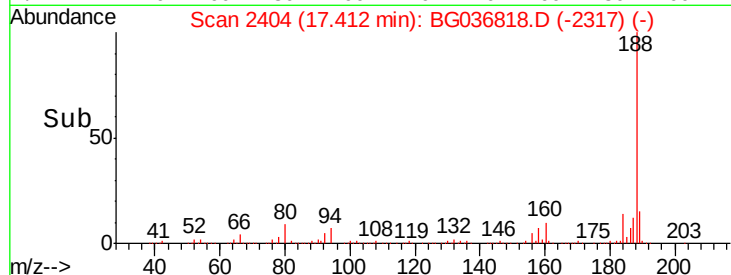
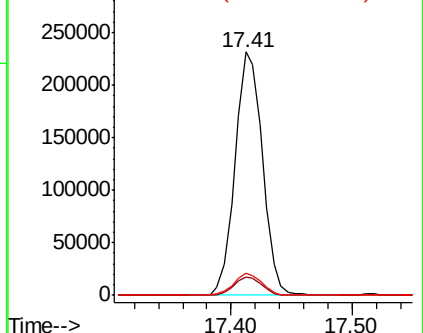
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.927 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.46 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

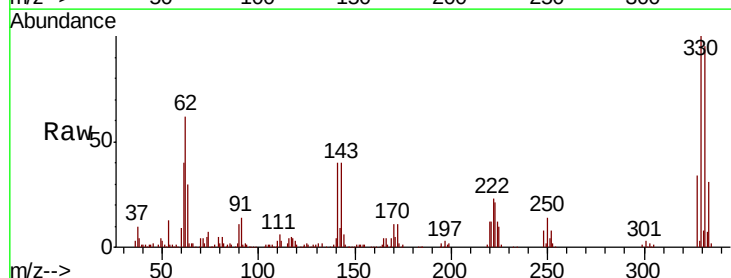
Tgt Ion:248 Resp: 16886

Ion Ratio Lower Upper

248 100

250 179.1 78.1 117.1#

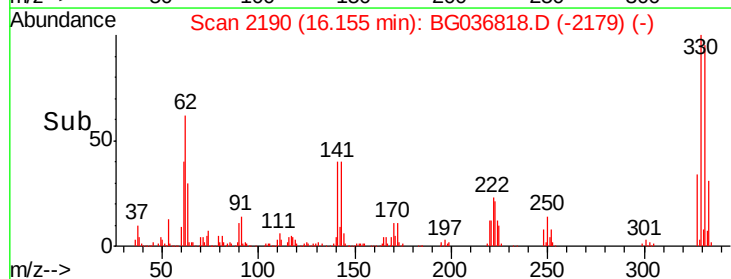
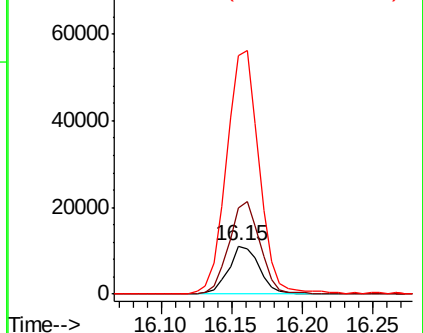
141 496.1 53.7 80.5#

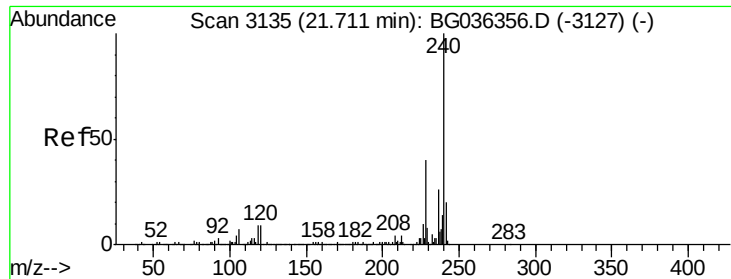


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

Instrument :

BNA_G

ClientSampled :

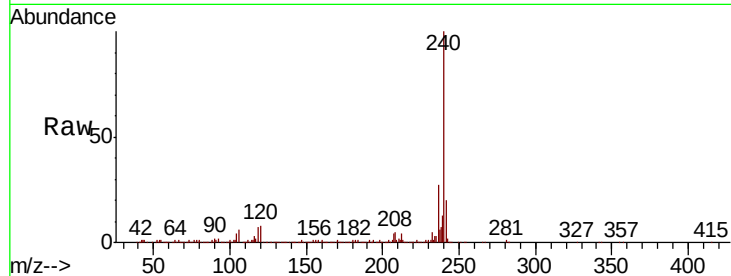
Tot Ion:240 Resp: 367783

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

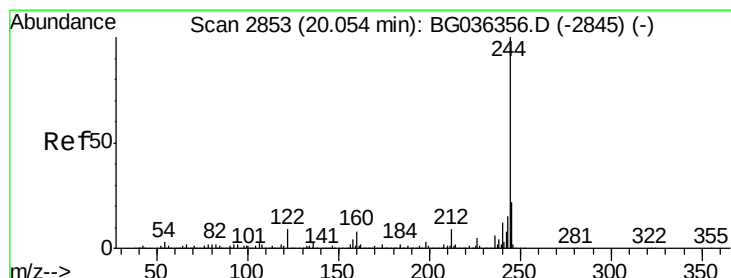
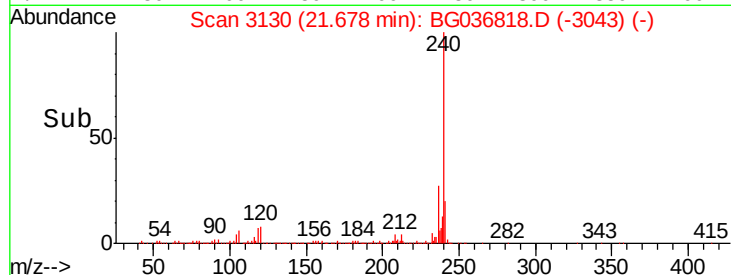
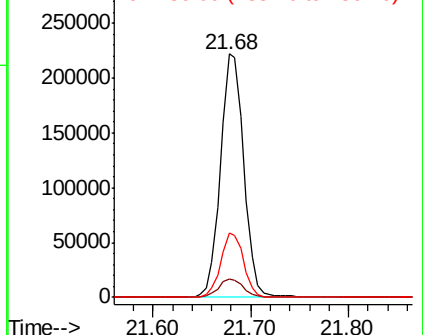
236 26.6 21.2 31.8



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



#78

Terphenyl-d14

Concen: 82.144 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036818.D

Acq: 19 Sep 2018 12:41

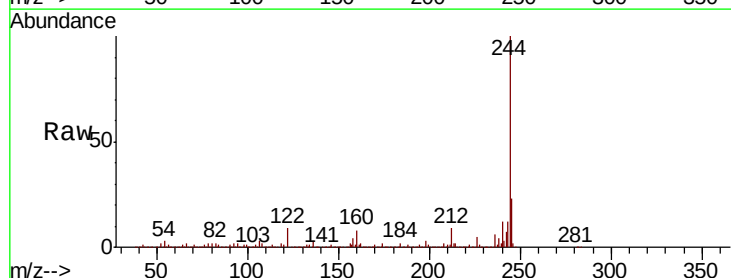
Tgt Ion:244 Resp: 1292548

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

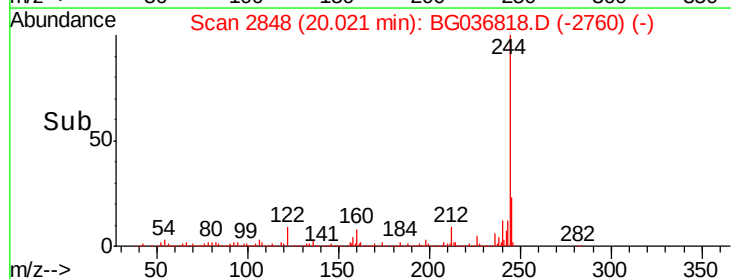
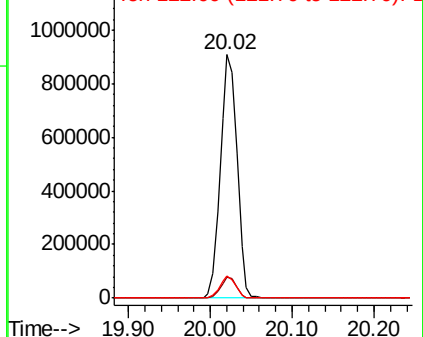
122 9.2 7.1 10.7

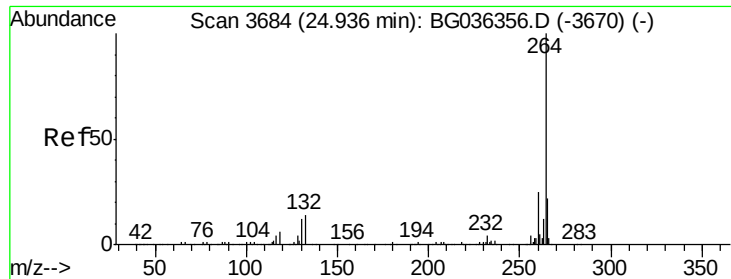


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036818.D
Acq: 19 Sep 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.3	17.4	26.0

