

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037322.D
 Acq On : 13 Oct 2018 11:58
 Operator : JU/SJ
 Sample : J5383-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:15:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

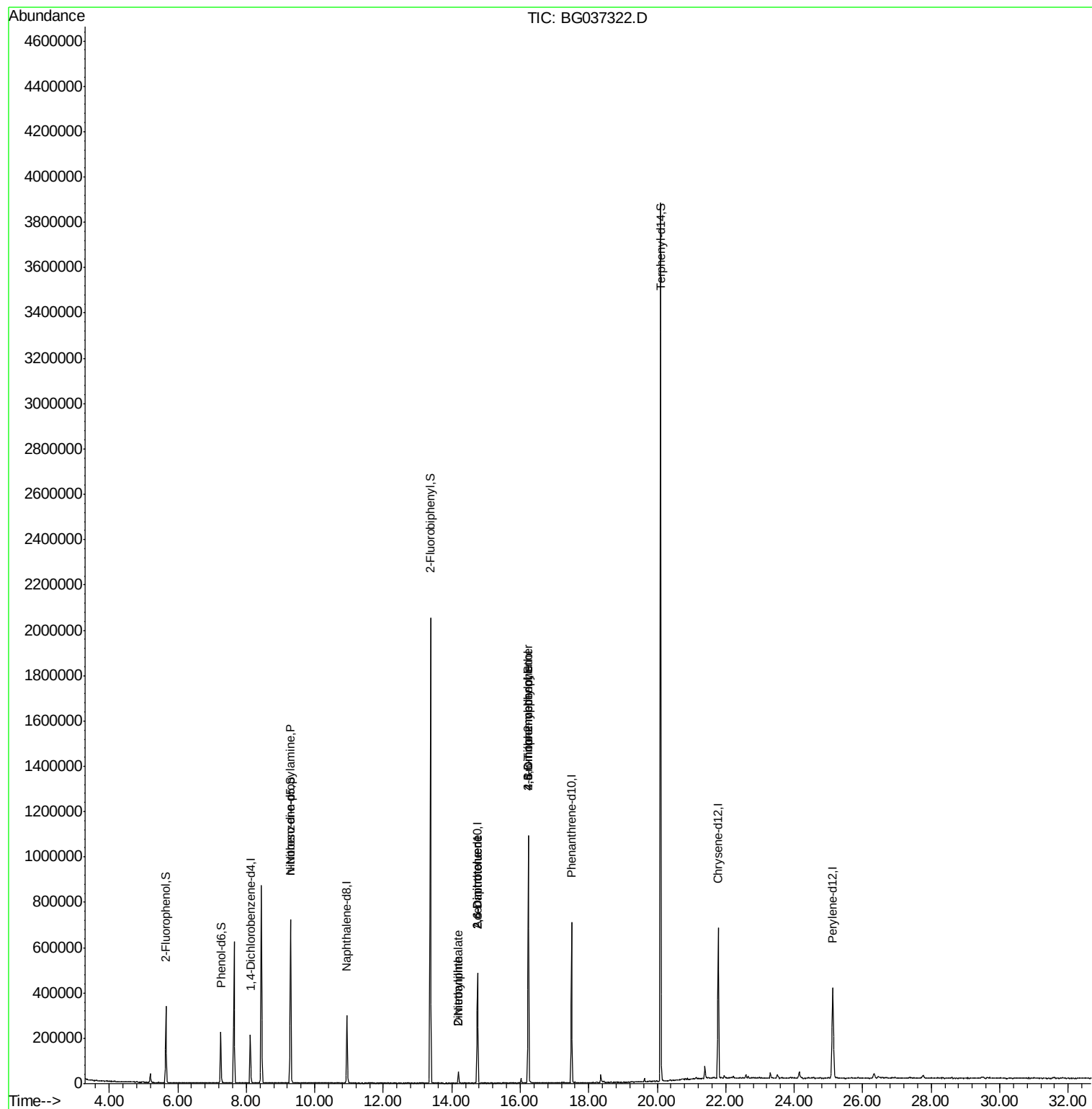
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62021	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	262122	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	175224	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	449228	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	424533	20.00	ng	-0.02
87) Perylene-d12	25.12	264	427861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	160149	45.44	ng	0.00
7) Phenol-d6	7.25	99	143391	26.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	449522	112.75	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	197241	114.78	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1102502	94.49	ng	0.00
79) Terphenyl-d14	20.10	244	1783503	88.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	56954	14.064	ng	# 72
48) 2-Nitroaniline	14.20	65	317	5.850	ng	# 1
50) Dimethylphthalate	14.19	163	36386	2.642	ng	# 99
51) 2,6-Dinitrotoluene	14.75	165	23079	12.574	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	23079	11.392	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	760	6.419	ng	# 68
67) 4-Bromophenyl-phenylether	16.23	248	14106	2.909	ng	# 1

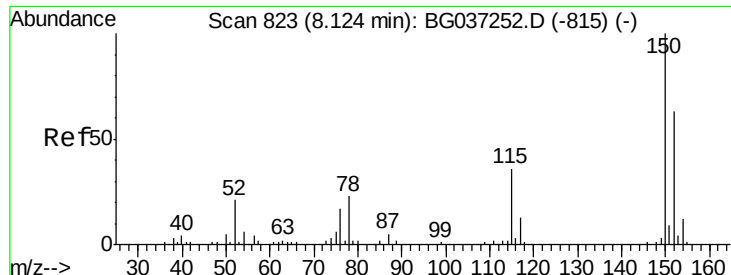
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037322.D
Acq On : 13 Oct 2018 11:58
Operator : JU/SJ
Sample : J5383-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 15 02:15:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



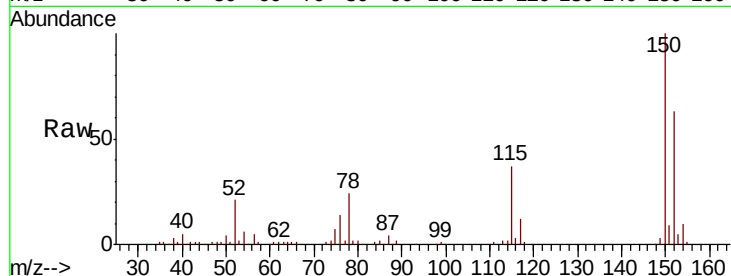


#1

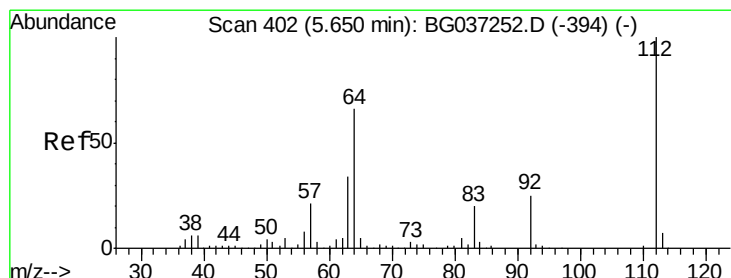
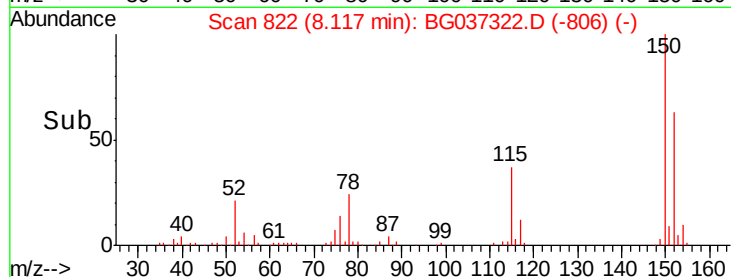
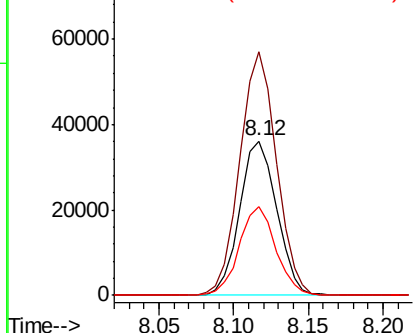
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62021
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 57.7 45.5 68.3



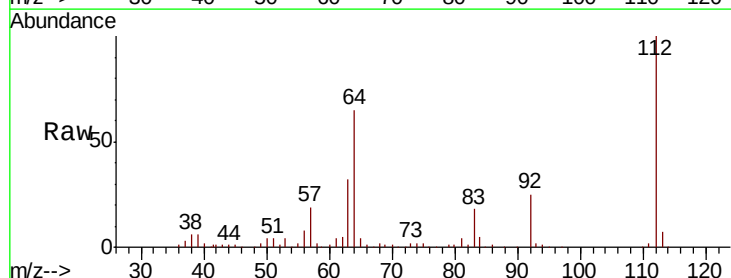
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



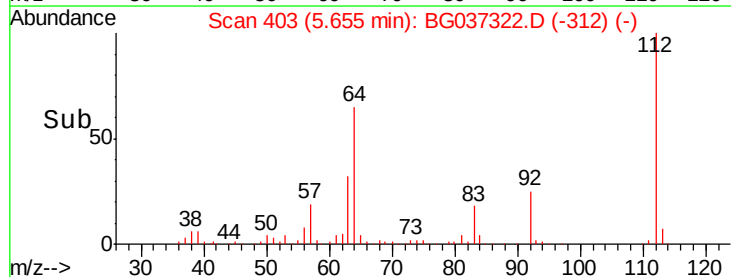
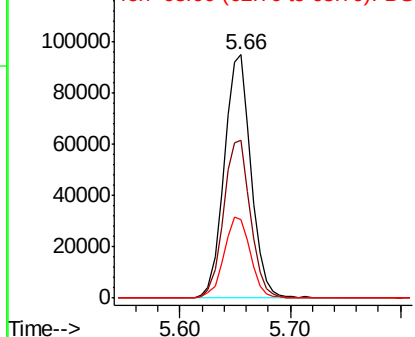
#5

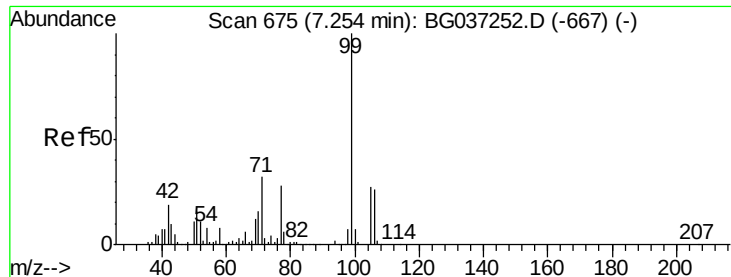
2-Fluorophenol
Concen: 45.444 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

Tgt Ion:112 Resp: 160149
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 32.4 27.3 40.9



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: 26.807 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

Instrument :

BNA_G

ClientSampled :

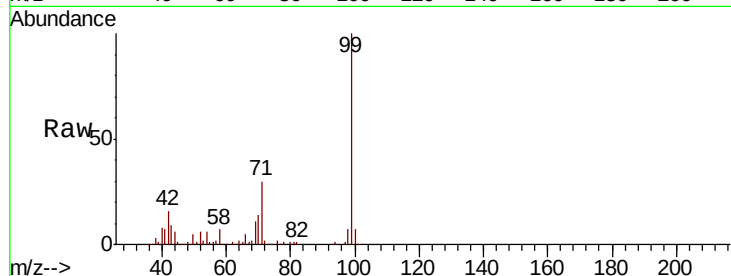
Tot Ion: 99 Resp: 143391

Ion Ratio Lower Upper

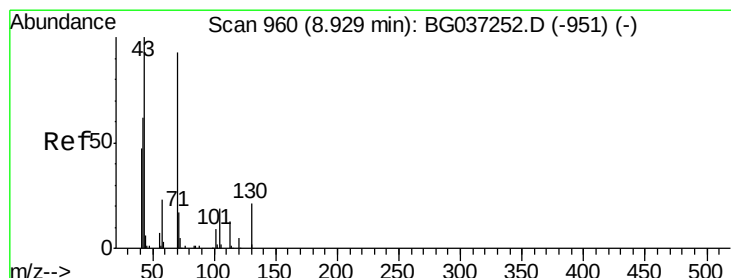
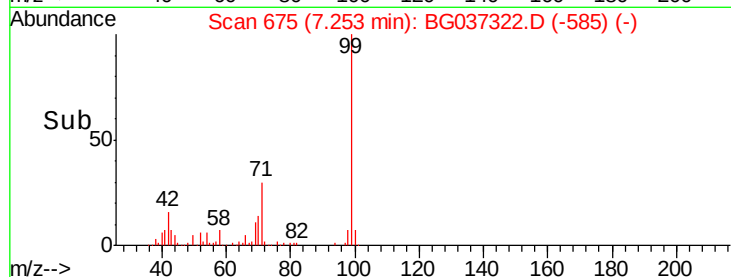
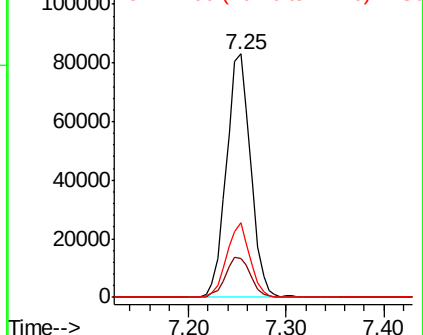
99 100

42 16.1 15.0 22.4

71 30.4 25.5 38.3



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: 14.064 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

Tgt Ion: 70 Resp: 56954

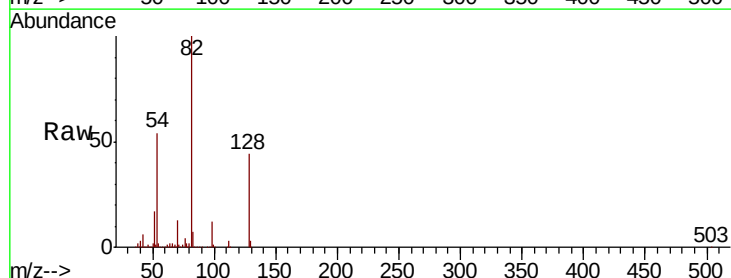
Ion Ratio Lower Upper

70 100

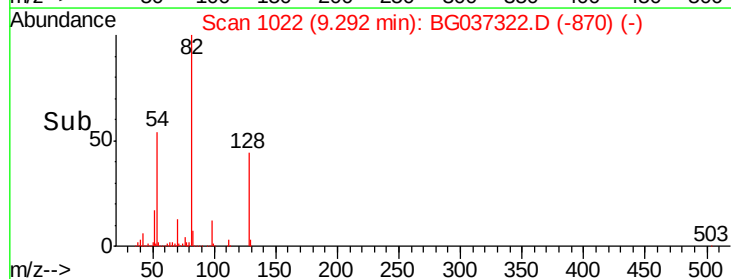
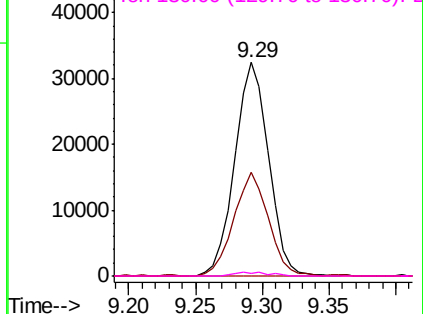
42 48.6 53.9 80.9#

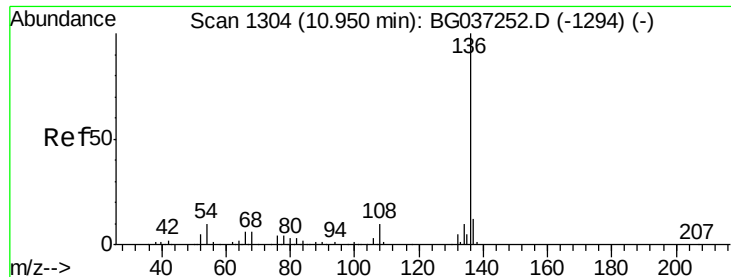
101 0.0 8.2 12.2#

130 1.5 18.2 27.4#



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

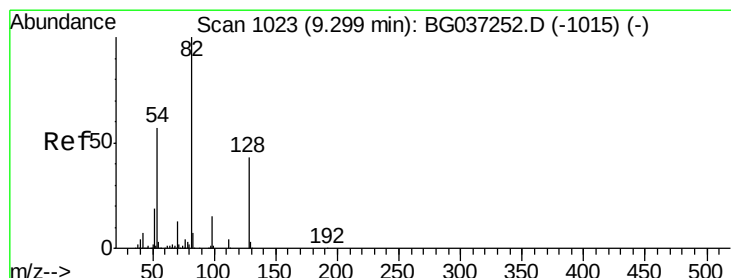
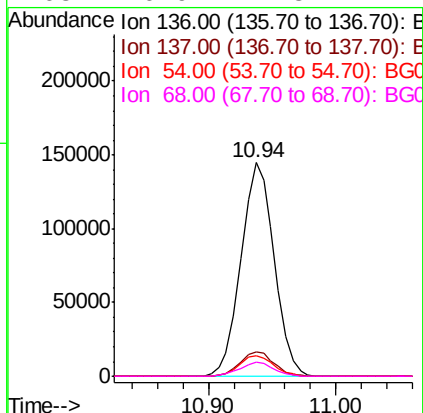
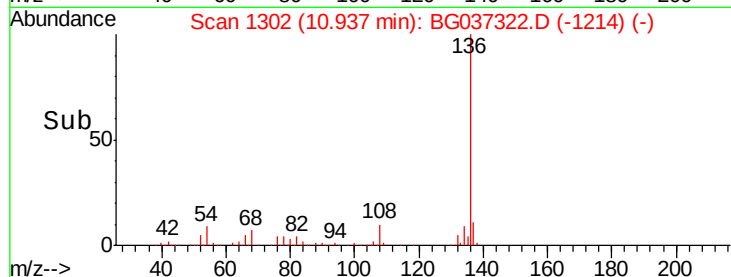
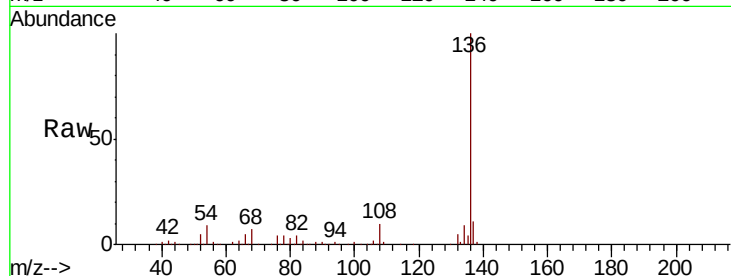




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

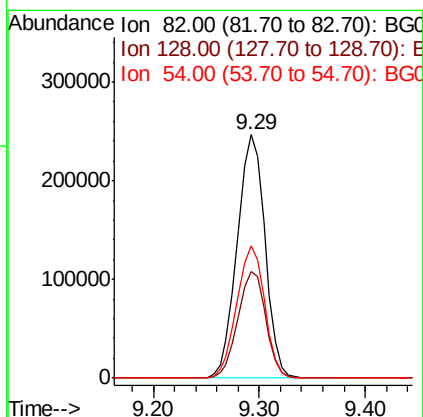
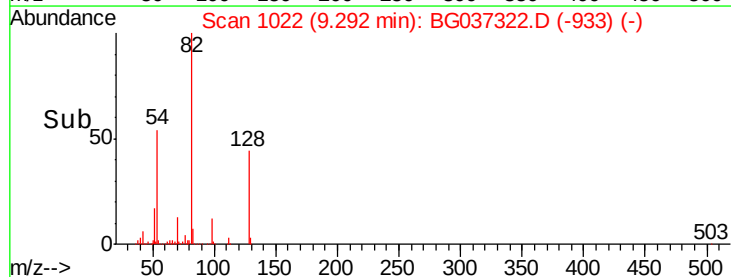
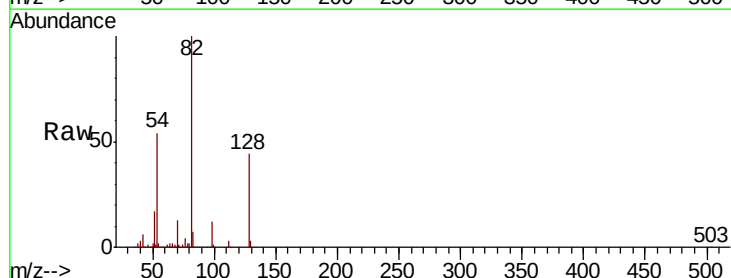
Instrument :
BNA_G
ClientSampleId :

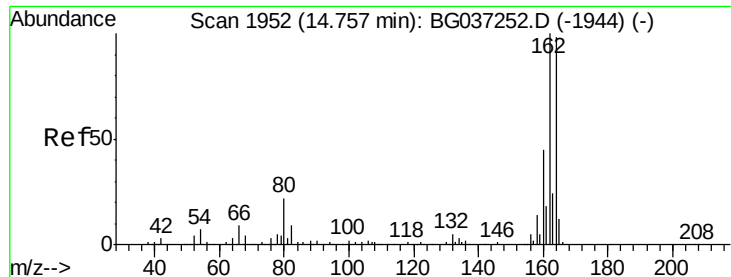
Tot Ion:136	Resp:	262122
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	9.5	7.9 11.9
68	6.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 112.748 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

Tgt Ion: 82	Resp:	449522
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	54.4	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

Instrument :

BNA_G

ClientSampleId :

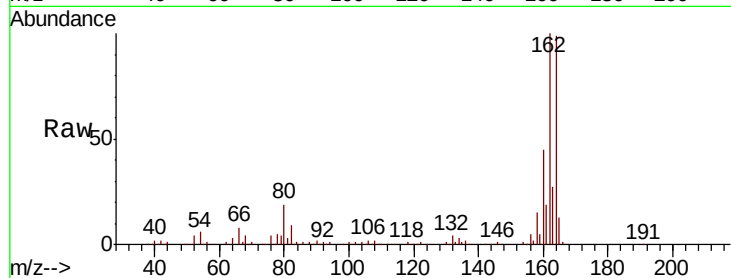
Tot Ion:164 Resp: 175224

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

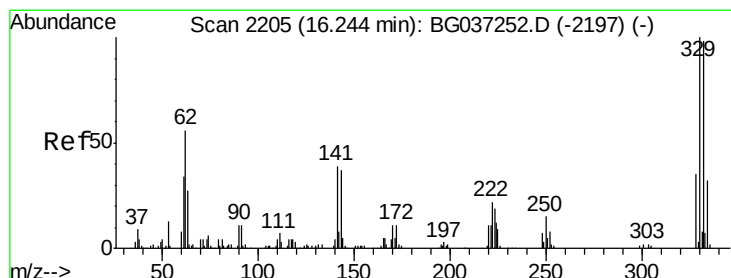
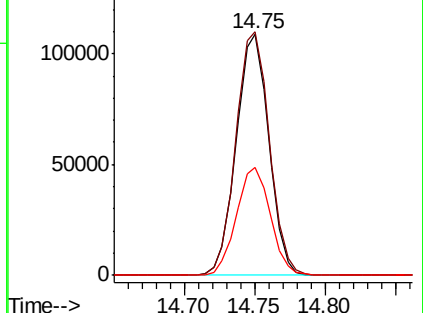
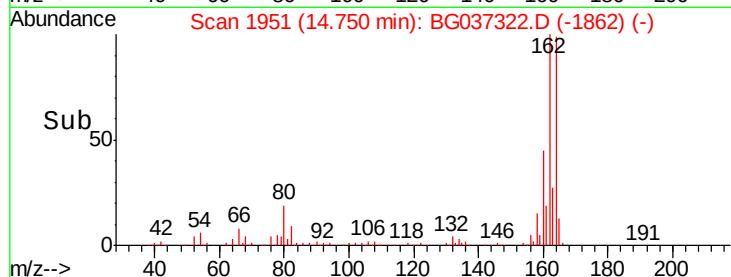
160 45.0 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 114.778 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

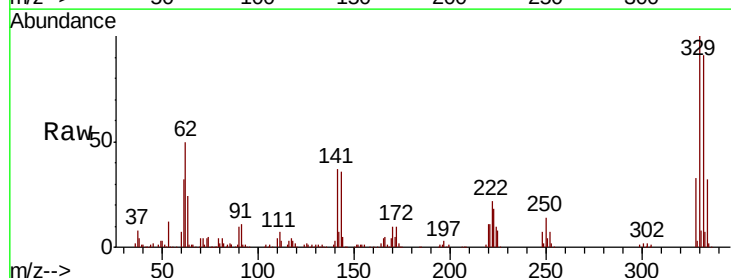
Tgt Ion:330 Resp: 197241

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

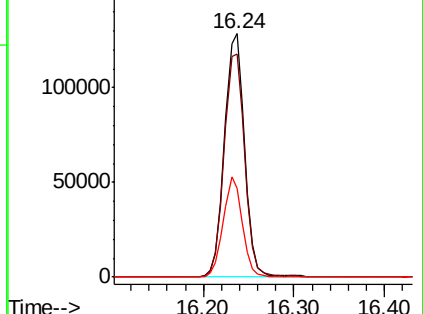
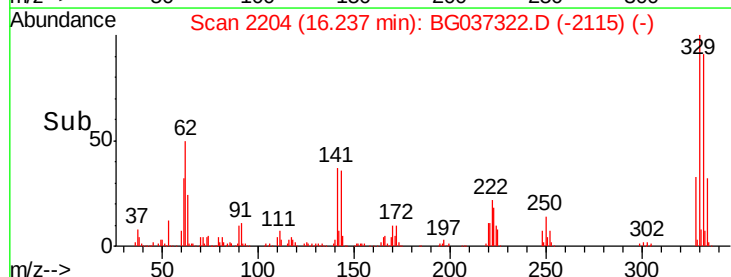
141 39.0 32.2 48.2

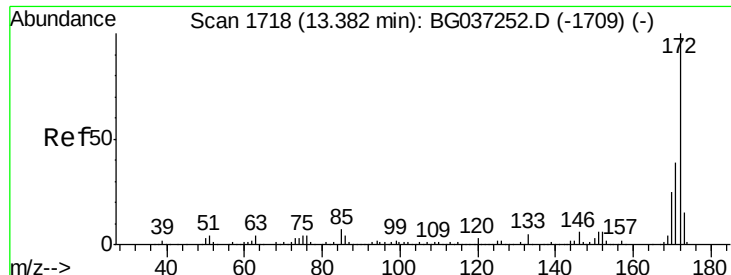


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

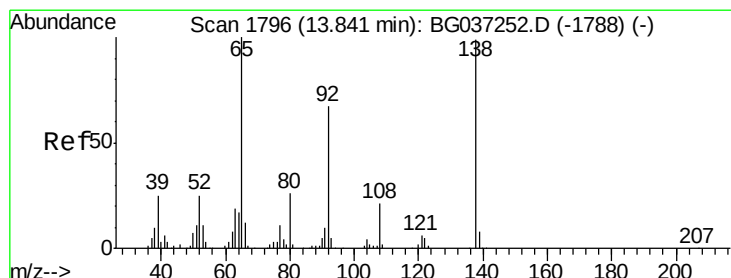
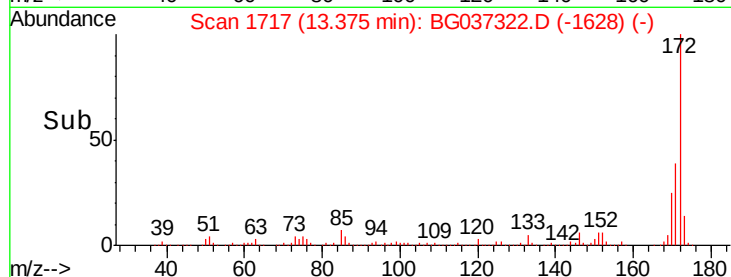
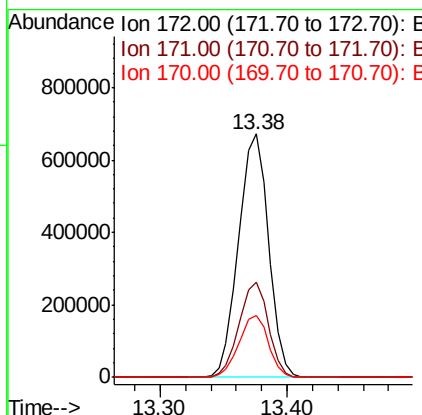
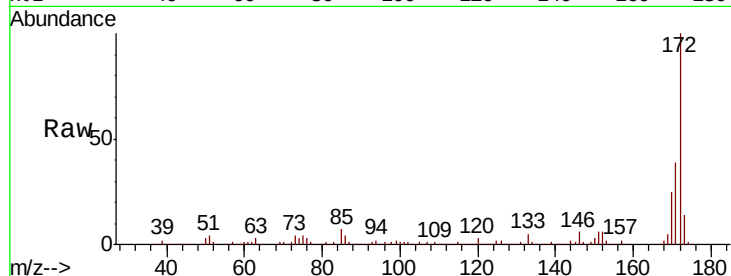




#45
2-Fluorobiphenyl
Concen: 94.490 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

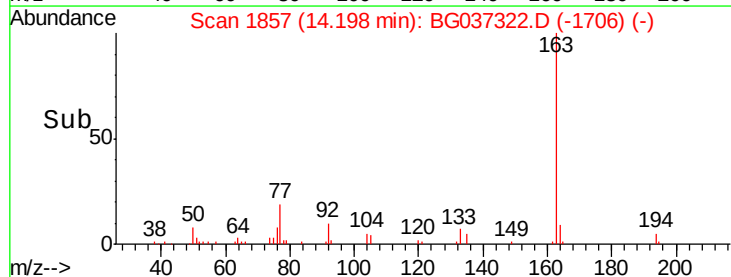
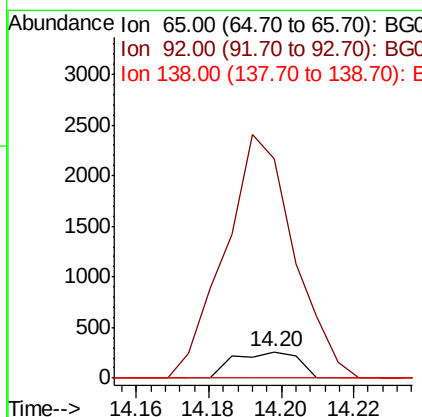
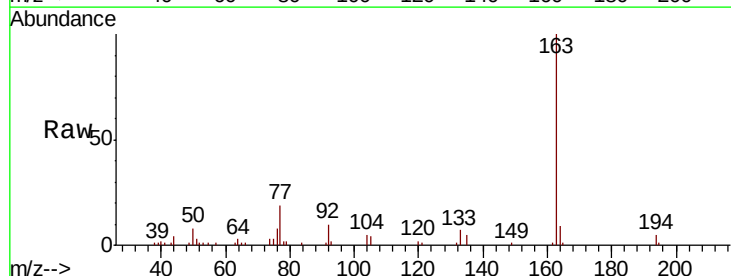
Instrument :
BNA_G
ClientSampled :

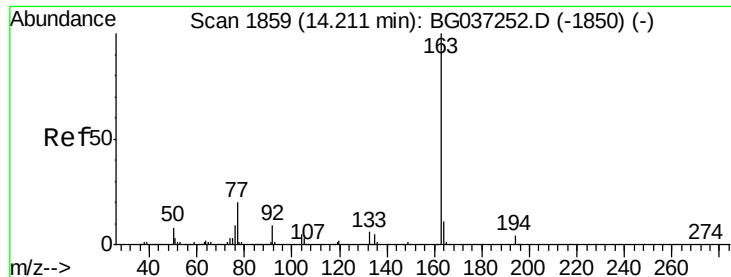
Tot Ion:172 Resp: 1102502
Ion Ratio Lower Upper
172 100
171 39.2 31.0 46.4
170 25.5 20.2 30.2



#48
2-Nitroaniline
Concen: 5.850 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.36 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

Tgt Ion: 65 Resp: 317
Ion Ratio Lower Upper
65 100
92 841.1 53.2 79.8#
138 0.0 79.3 118.9#





#50

Dimethylphthalate

Concen: 2.642 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

Instrument :

BNA_G

ClientSampleId :

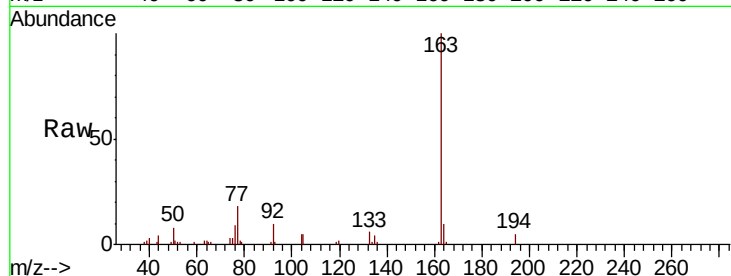
Tot Ion:163 Resp: 36386

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

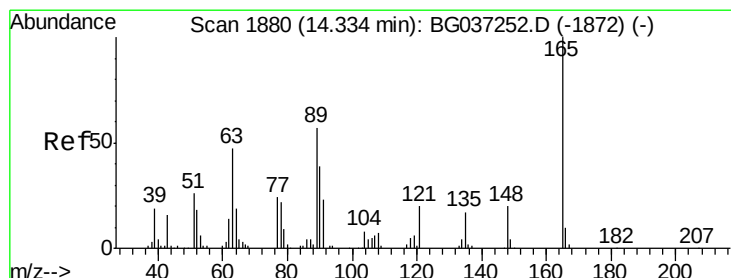
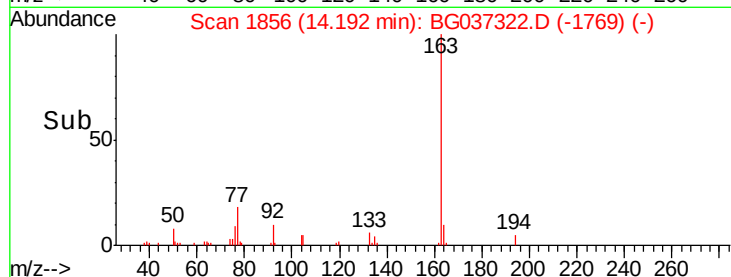
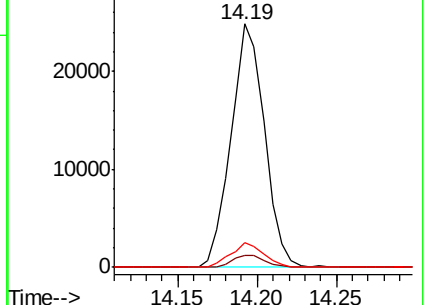
164 10.2 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 12.574 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037322.D

Acq: 13 Oct 2018 11:58

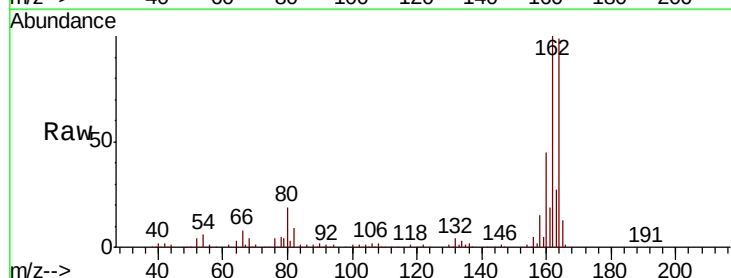
Tgt Ion:165 Resp: 23079

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

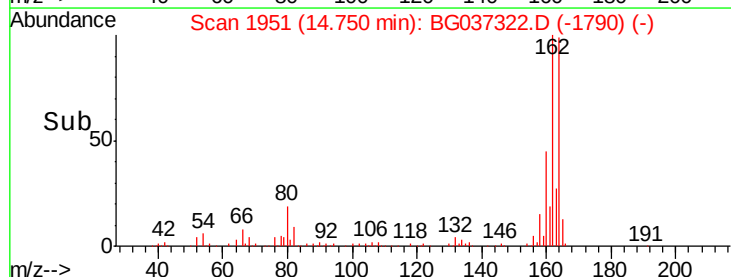
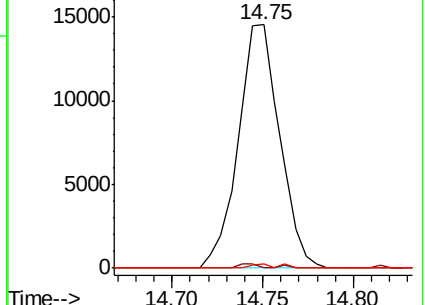
89 1.5 45.8 68.6#

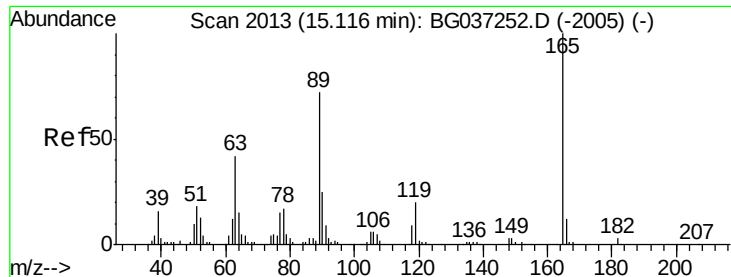


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

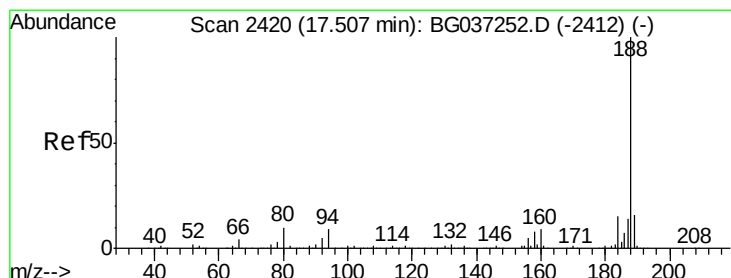
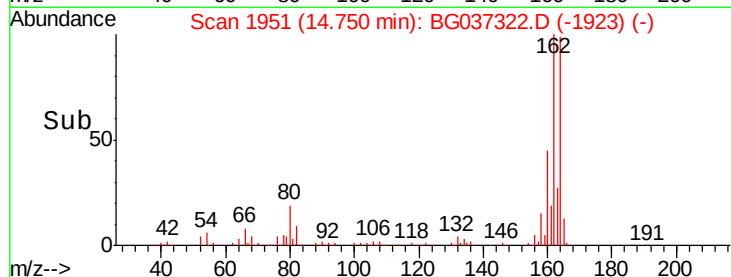
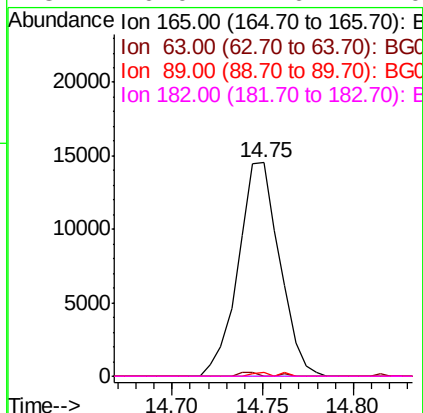
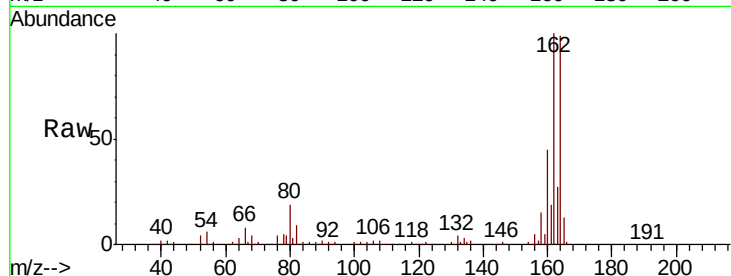




#57
 2,4-Dinitrotoluene
 Concen: 11.392 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

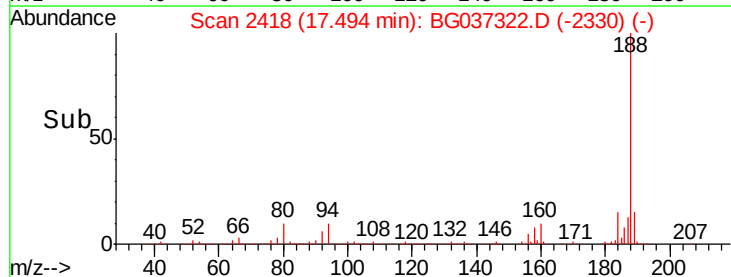
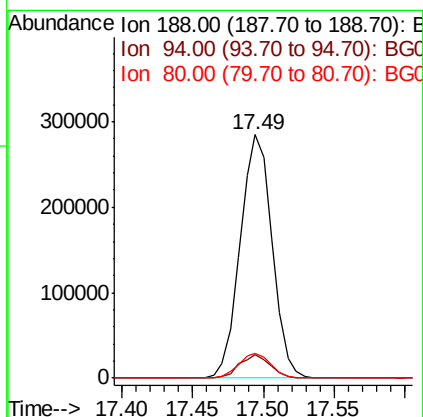
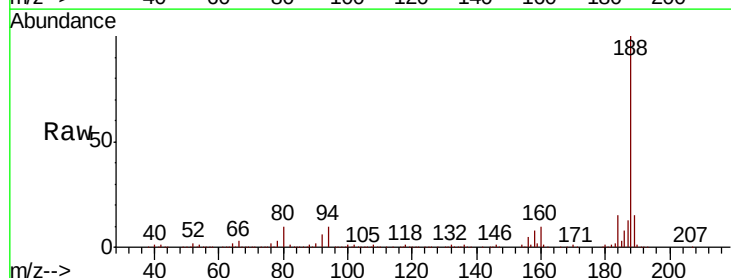
Instrument :
 BNA_G
 ClientSampleId :

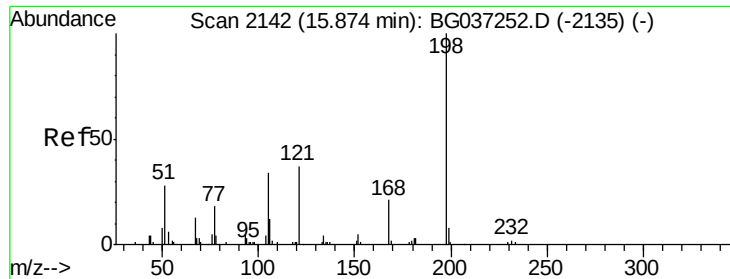
Tot Ion:165	Resp: 23079
Ion Ratio	Lower Upper
165 100	
63 0.0	33.4 50.0#
89 1.5	57.2 85.8#
182 0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

Tgt	Ion:188	Resp:	449228
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.4	7.7	11.5

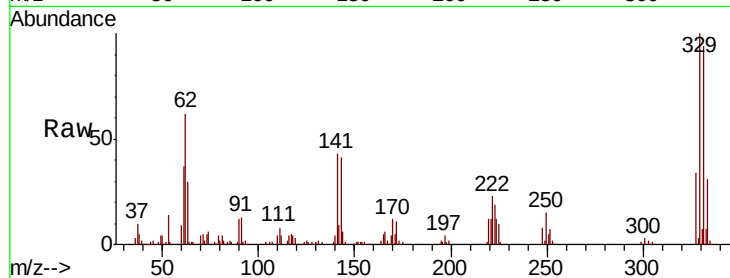




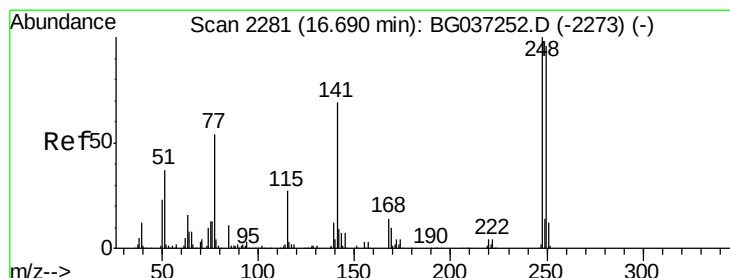
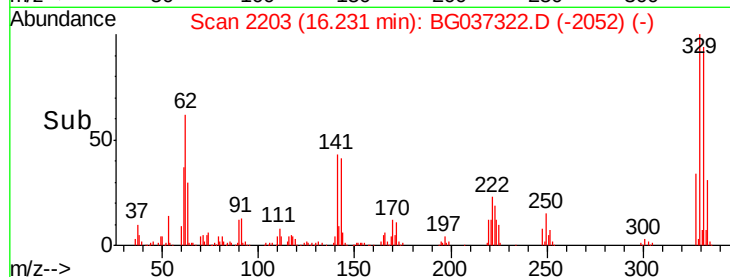
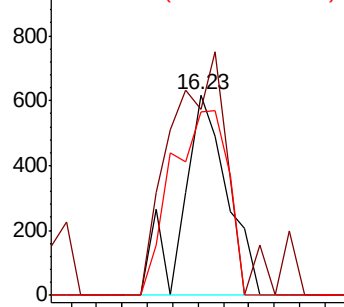
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.419 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 760
 Ion Ratio Lower Upper
 198 100
 51 21.2 22.7 62.7#
 105 20.9 19.7 59.7

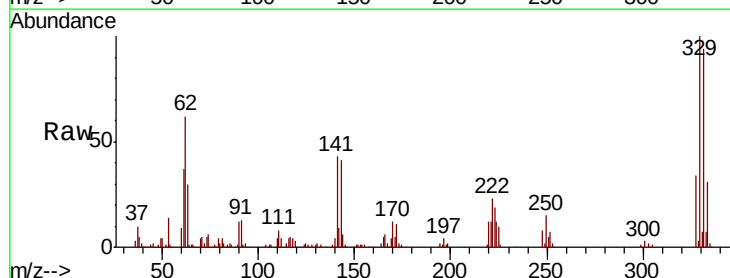


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

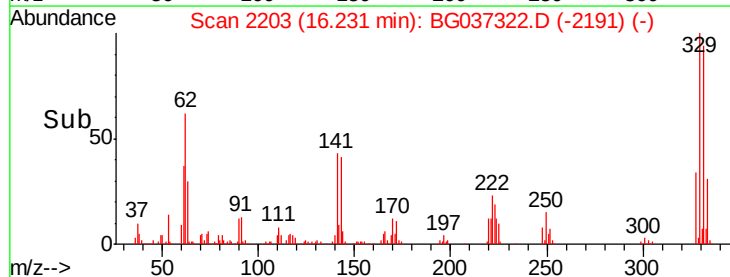
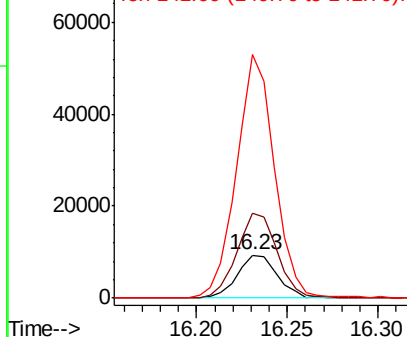


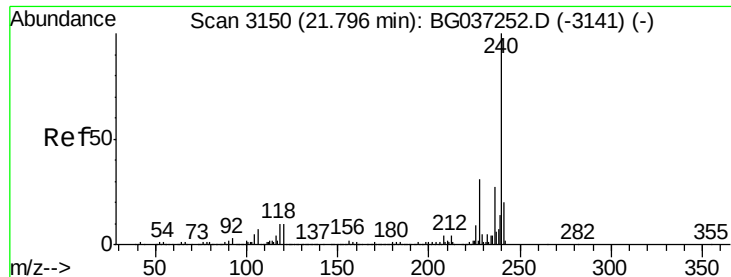
#67
 4-Bromophenyl-phenylether
 Concen: 2.909 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

Tgt Ion:248 Resp: 14106
 Ion Ratio Lower Upper
 248 100
 250 207.1 77.0 115.6#
 141 451.9 55.5 83.3#



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

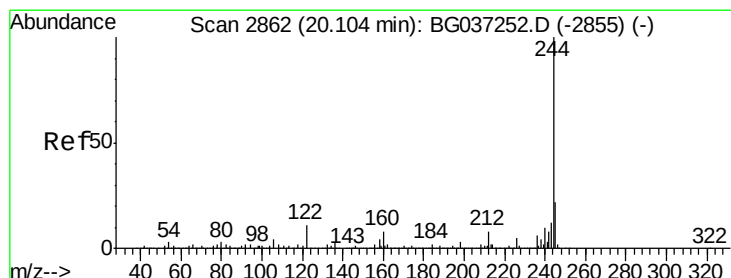
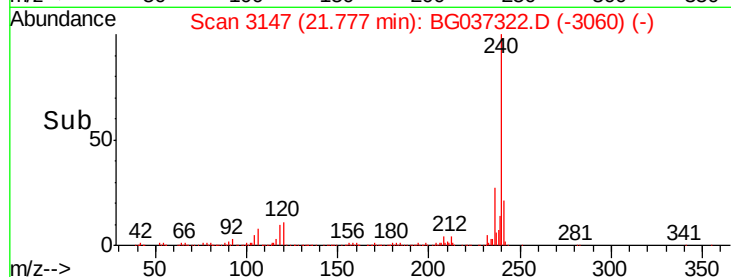
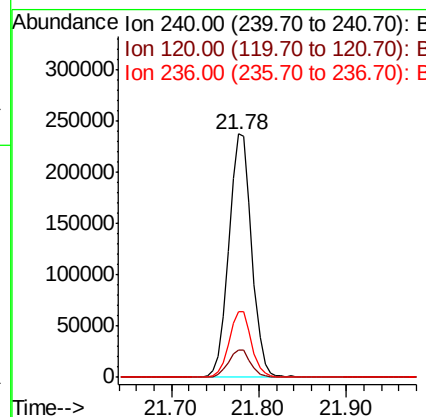
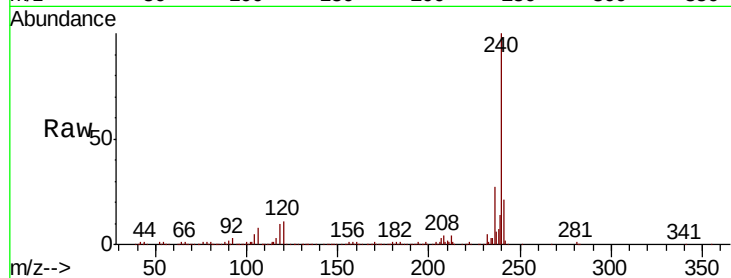




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

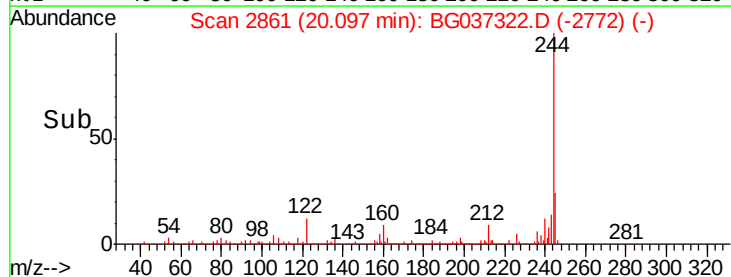
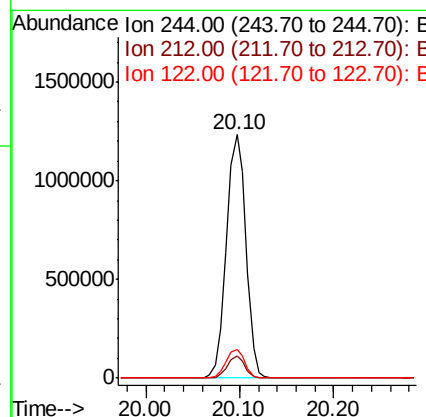
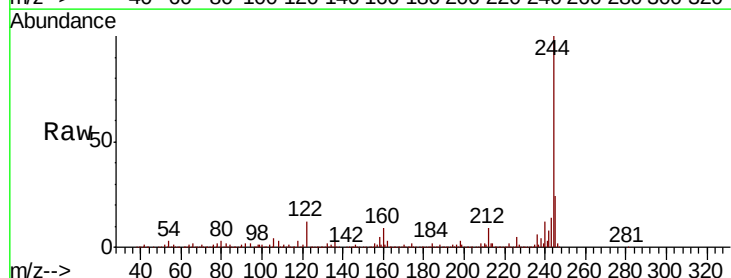
Instrument :
 BNA_G
 ClientSampleId :

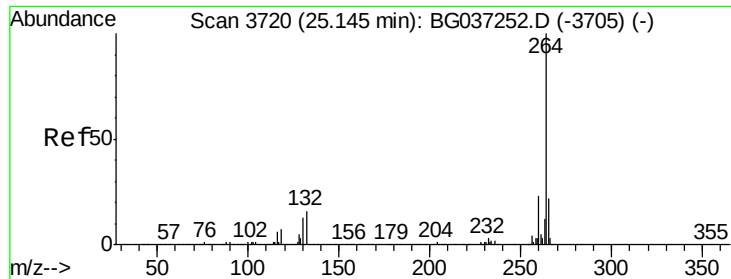
Tot Ion:240 Resp: 424533
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 26.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 88.212 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037322.D
 Acq: 13 Oct 2018 11:58

Tgt Ion:244 Resp: 1783503
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.5 9.7
 122 11.8 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037322.D
Acq: 13 Oct 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	427861
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.7	17.9	26.9

