

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037323.D
 Acq On : 13 Oct 2018 12:37
 Operator : JU/SJ
 Sample : J5383-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:15:55 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

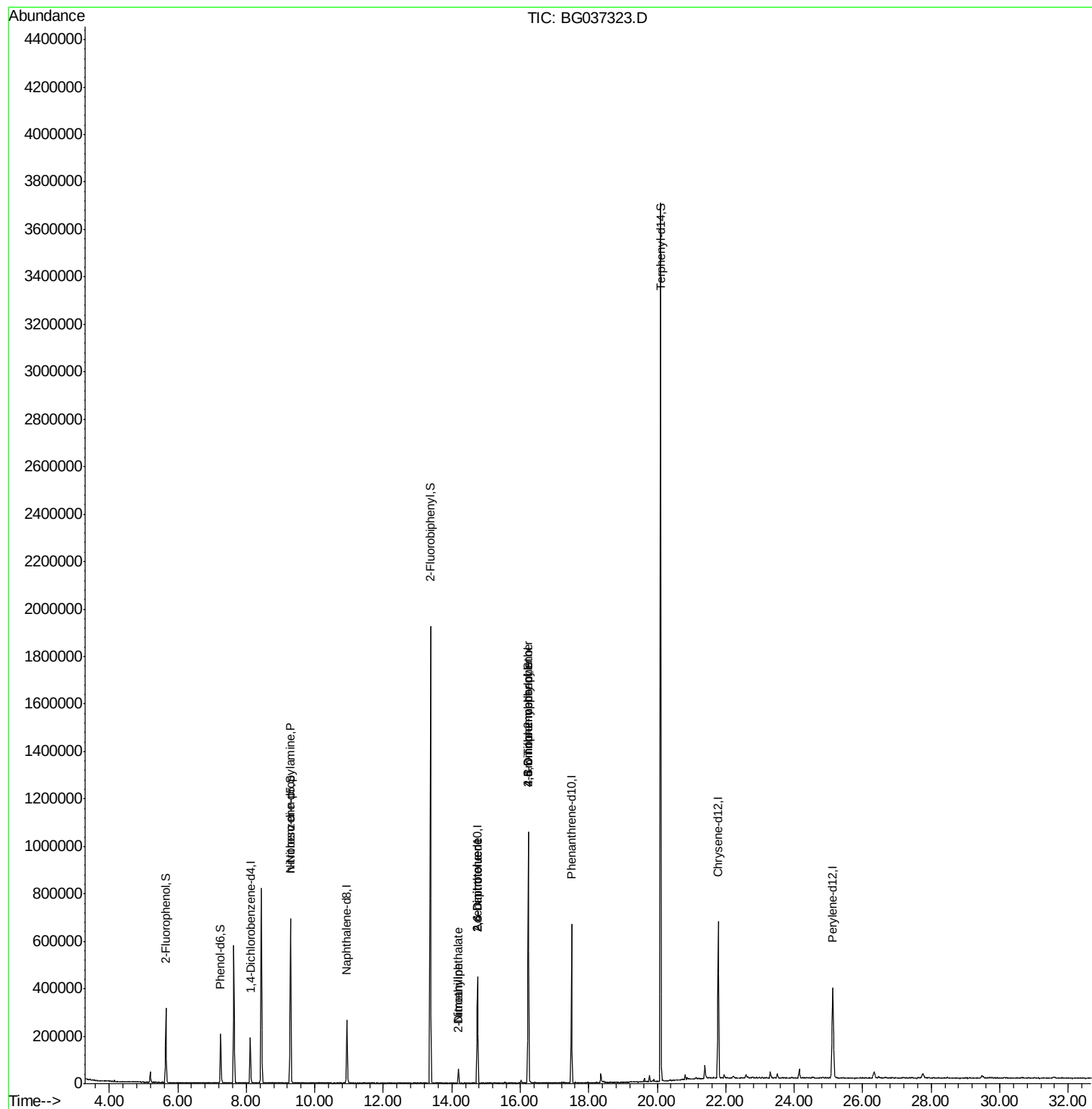
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56879	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	238082	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	161427	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	419346	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	401844	20.00	ng	-0.02
87) Perylene-d12	25.13	264	401579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	148212	45.86	ng	0.00
7) Phenol-d6	7.25	99	131552	26.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	425537	117.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	186378	117.73	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	1052490	97.91	ng	0.00
79) Terphenyl-d14	20.10	244	1732292	90.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	54699	14.728	ng	# 74
48) 2-Nitroaniline	14.18	65	64	5.776	ng	# 1
50) Dimethylphthalate	14.19	163	42380	3.341	ng	96
51) 2,6-Dinitrotoluene	14.75	165	20584	12.327	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	20584	11.199	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	208	6.084	ng	88
67) 4-Bromophenyl-phenylether	16.23	248	13954	3.083	ng	# 1

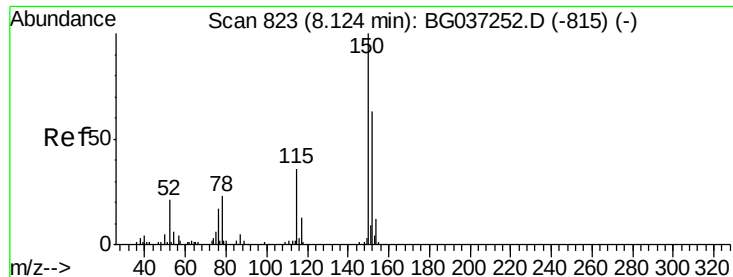
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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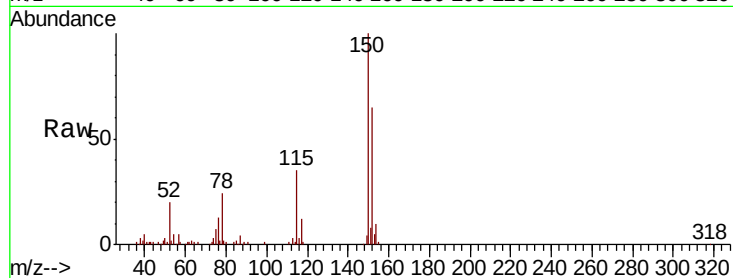


#1

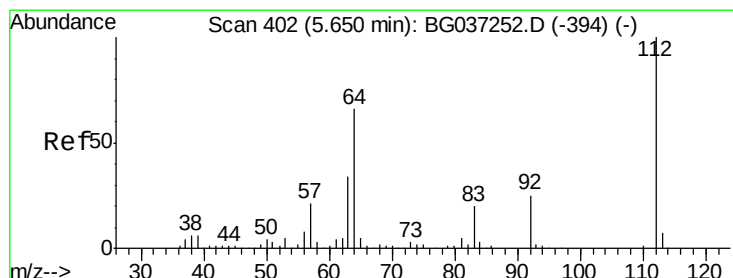
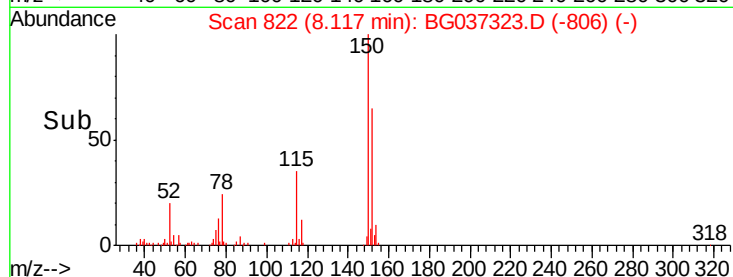
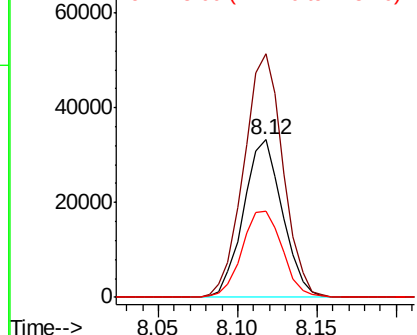
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56879
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 54.9 45.5 68.3



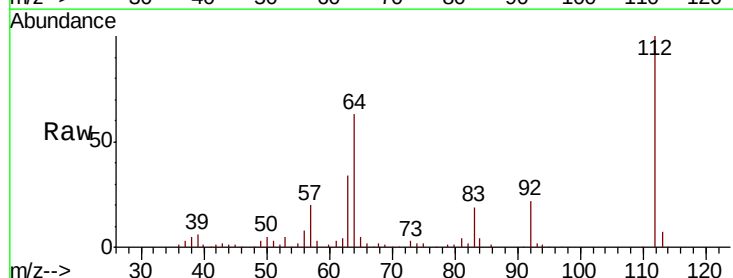
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



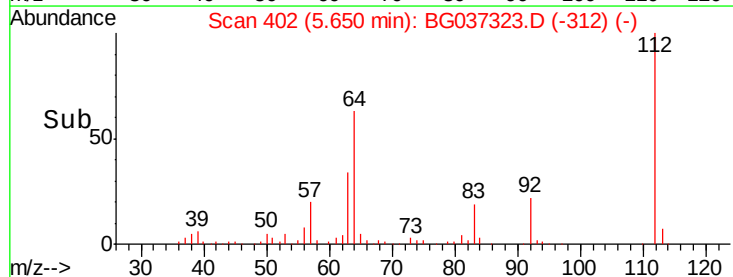
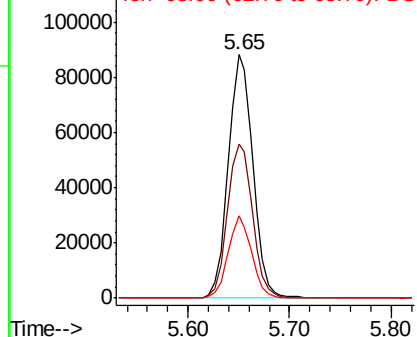
#5

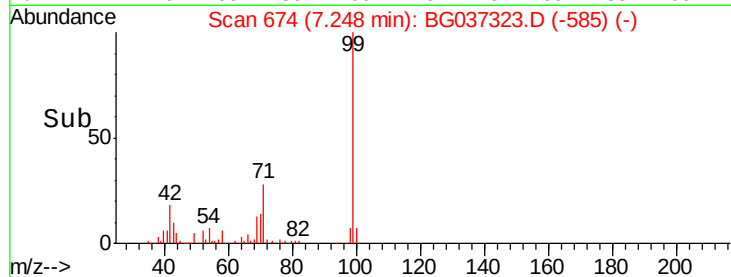
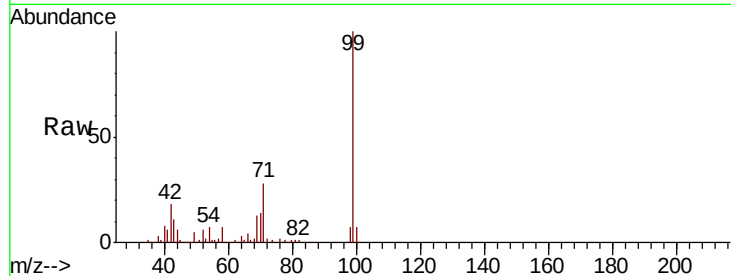
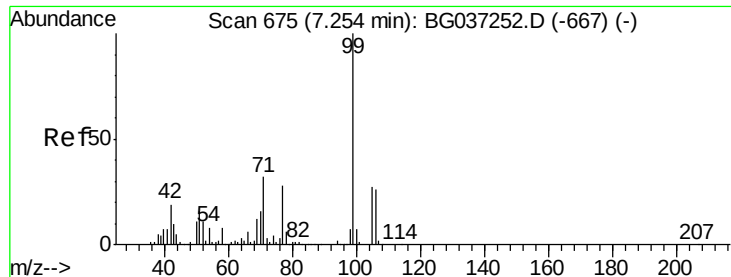
2-Fluorophenol
Concen: 45.859 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Tgt Ion:112 Resp: 148212
Ion Ratio Lower Upper
112 100
64 63.2 53.1 79.7
63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.817 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampled :

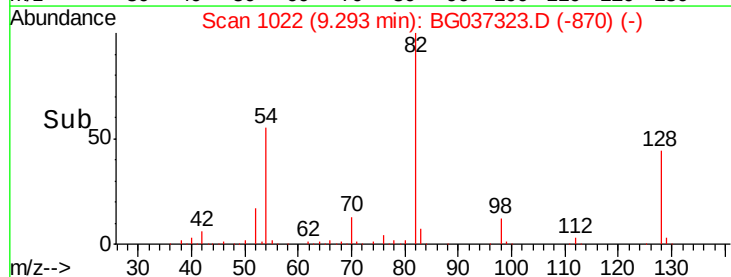
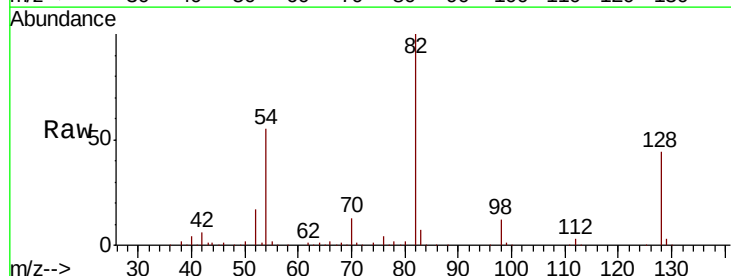
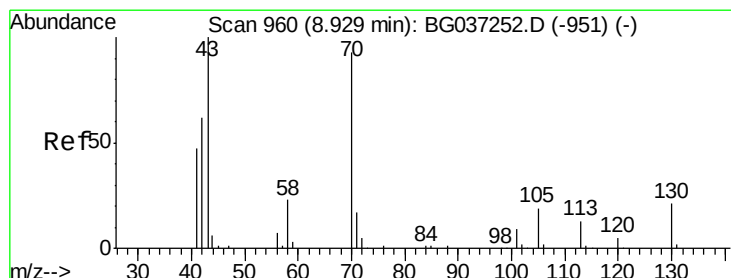
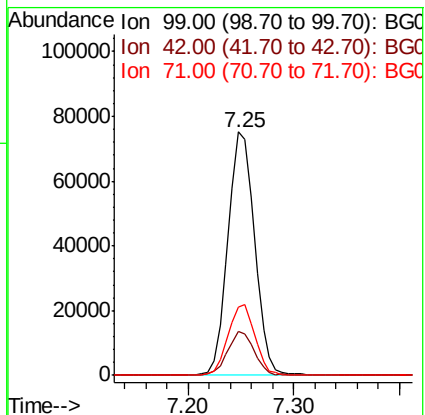
Tot Ion: 99 Resp: 131552

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 28.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.728 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Tgt Ion: 70 Resp: 54699

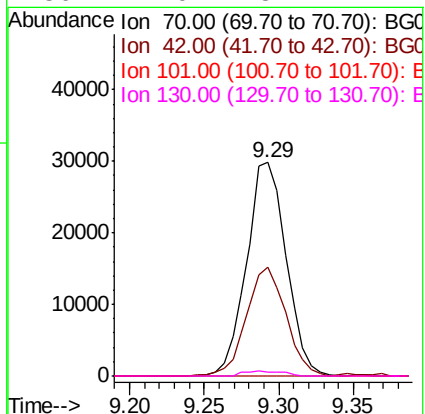
Ion Ratio Lower Upper

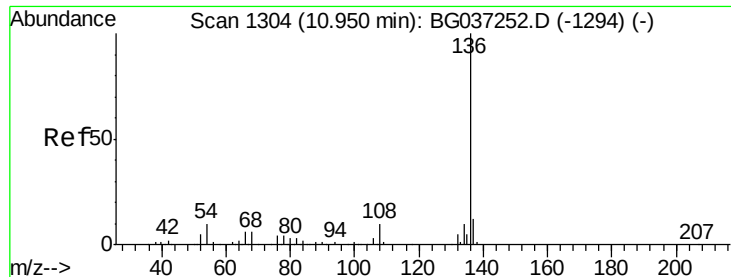
70 100

42 51.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 18.2 27.4#

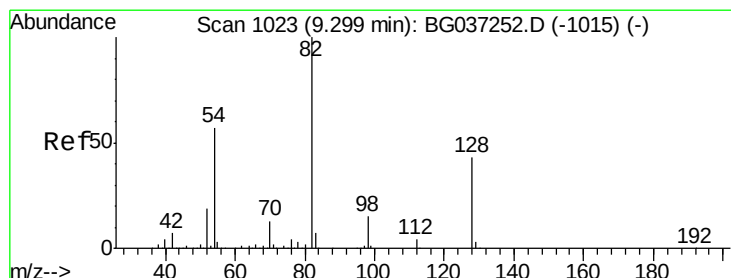
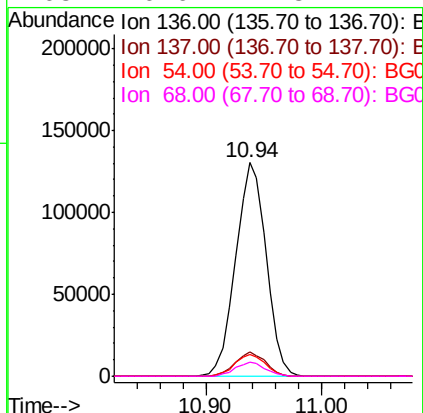
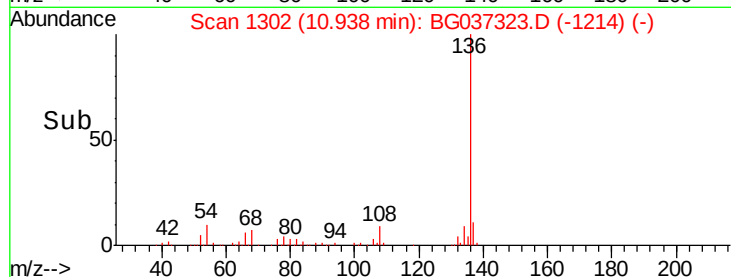
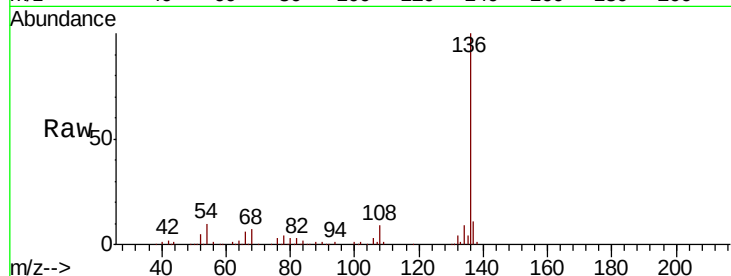




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

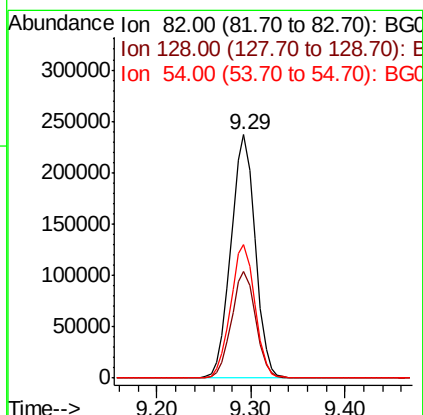
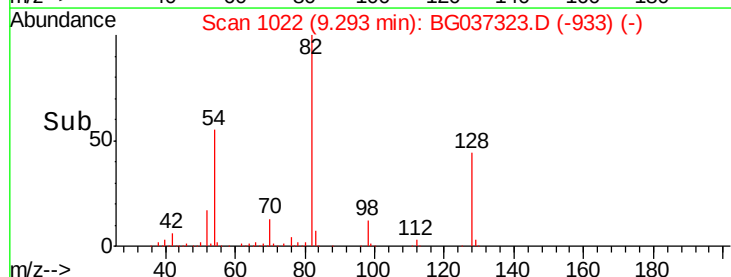
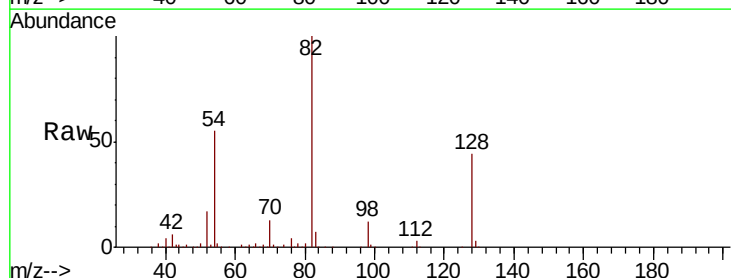
Instrument :
BNA_G
ClientSampleId :

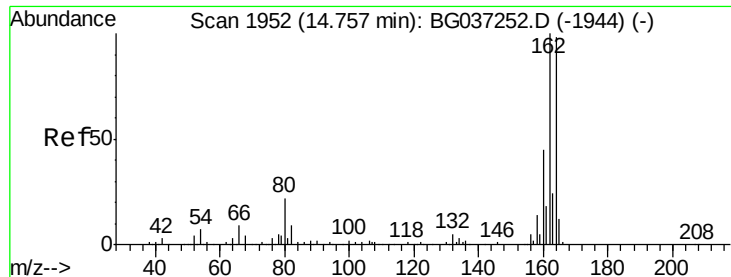
Tot Ion:136	Resp:	238082
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	10.1	7.9 11.9
68	6.6	4.8 7.2



#23
Nitrobenzene-d5
Concen: 117.509 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Tgt Ion: 82	Resp:	425537
Ion Ratio	Lower	Upper
82	100	
128	43.8	34.6 51.8
54	55.0	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: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

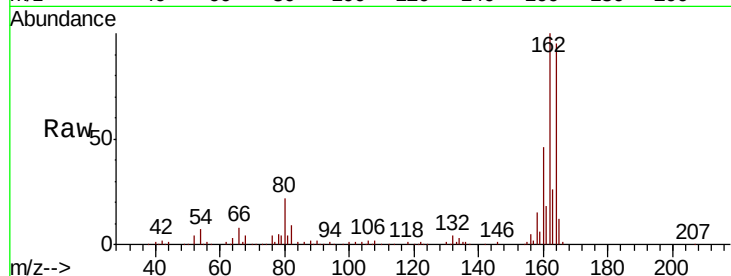
Tot Ion:164 Resp: 161427

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

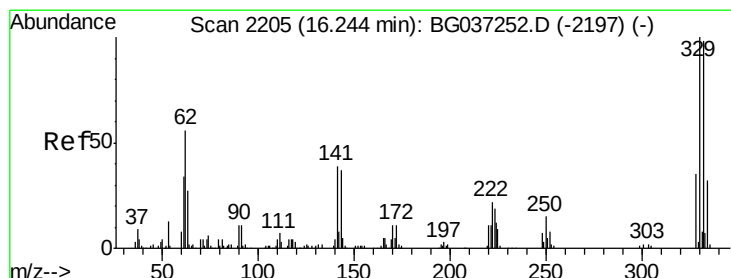
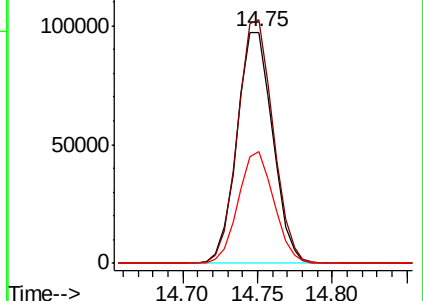
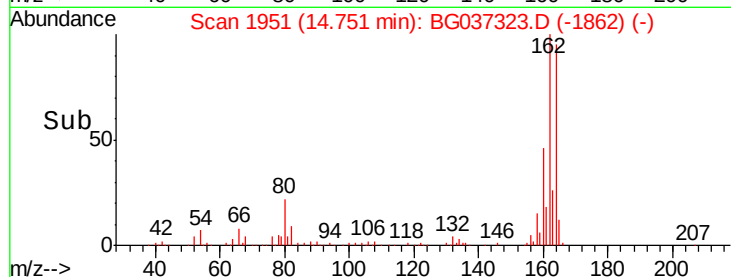
160 48.3 36.3 54.5



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: 117.726 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

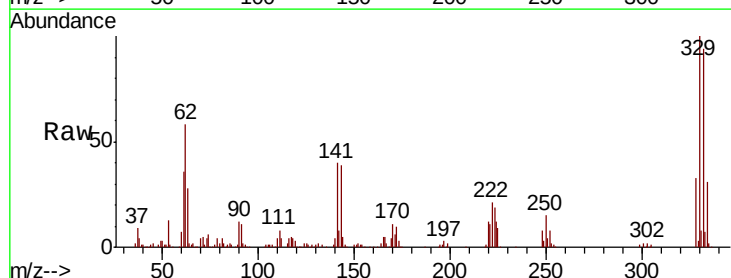
Tgt Ion:330 Resp: 186378

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

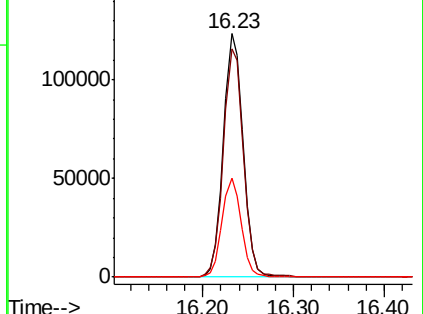
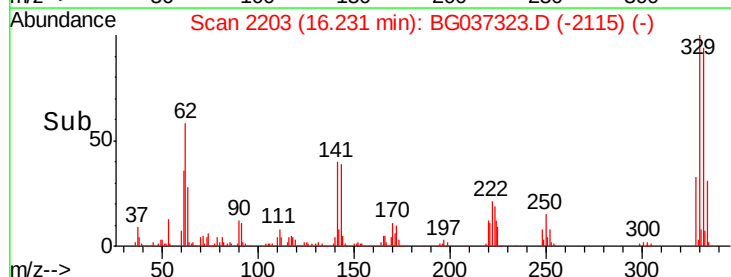
141 39.6 32.2 48.2

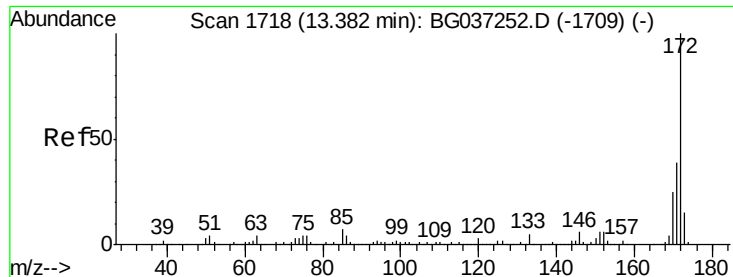


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

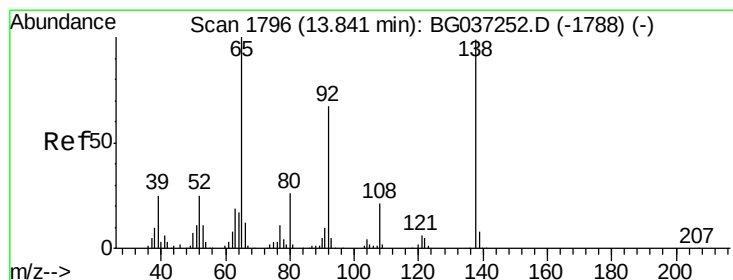
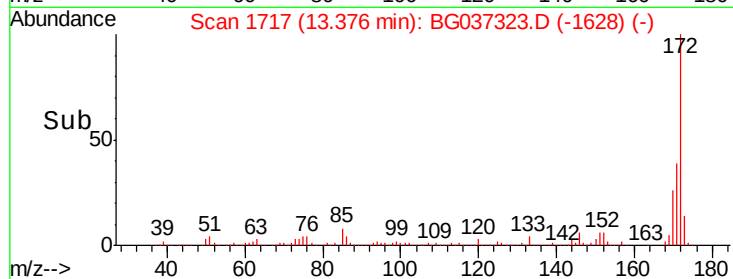
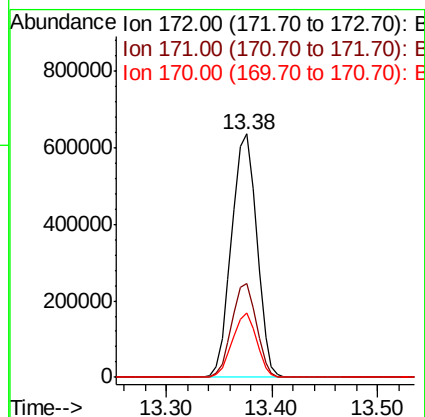
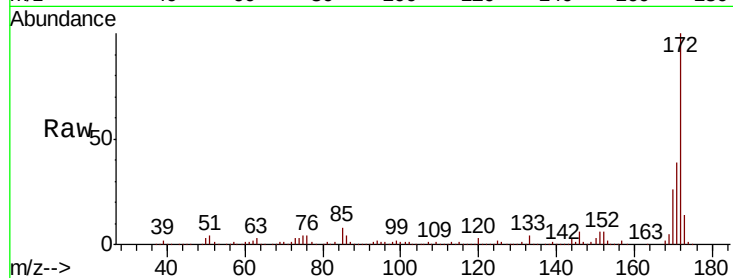




#45
2-Fluorobiphenyl
Concen: 97.914 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

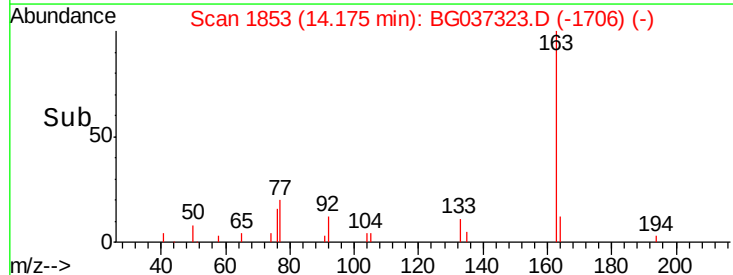
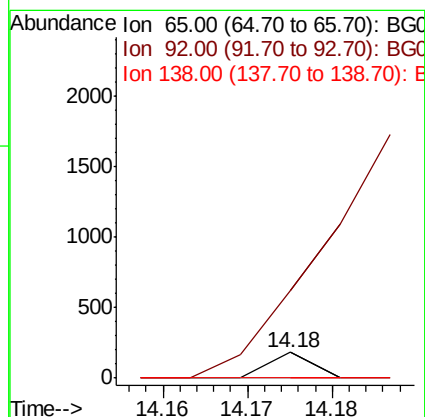
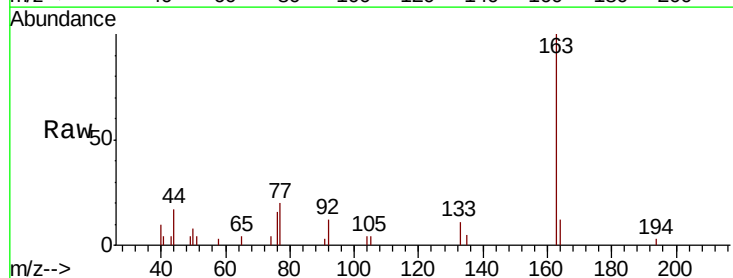
Instrument :
BNA_G
ClientSampleId :

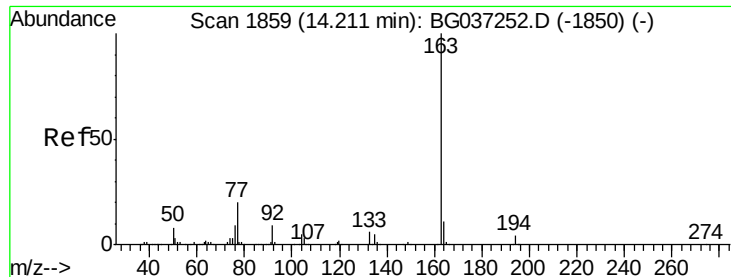
Tot Ion:172 Resp: 1052490
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 26.3 20.2 30.2



#48
2-Nitroaniline
Concen: 5.776 ng
RT: 14.18 min Scan# 1853
Delta R.T. 0.34 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Tgt Ion: 65 Resp: 64
Ion Ratio Lower Upper
65 100
92 337.2 53.2 79.8#
138 0.0 79.3 118.9#





#50

Dimethylphthalate

Concen: 3.341 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

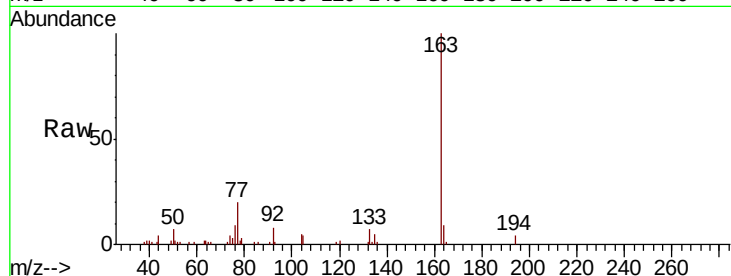
Tot Ion:163 Resp: 42380

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

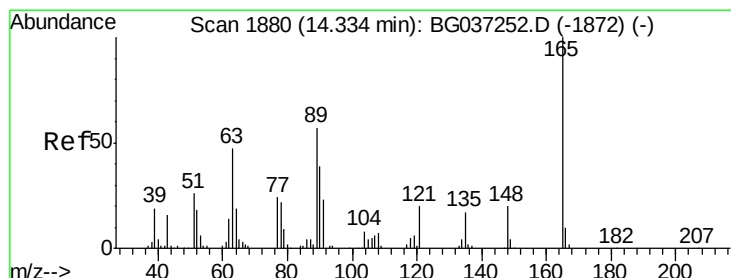
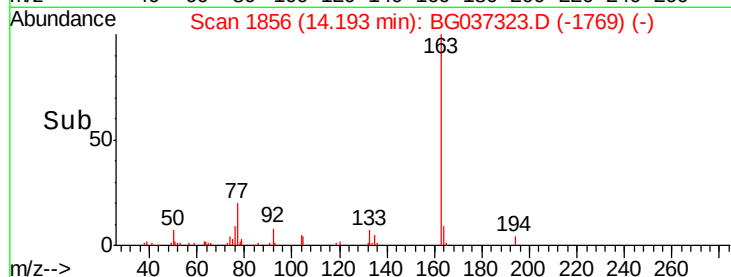
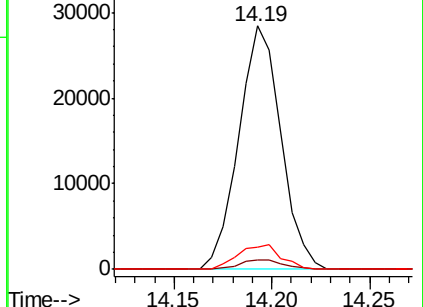
164 9.0 8.5 12.7



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: 12.327 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

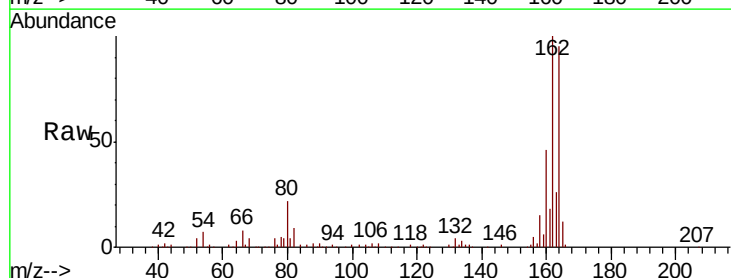
Tgt Ion:165 Resp: 20584

Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.2#

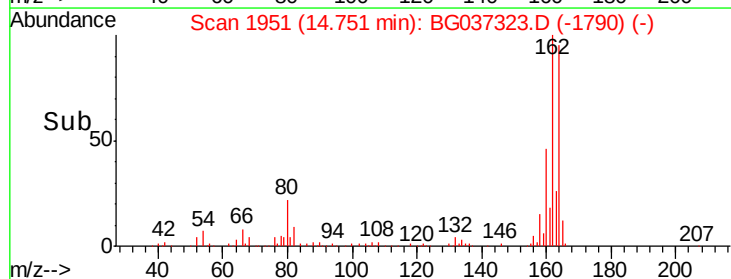
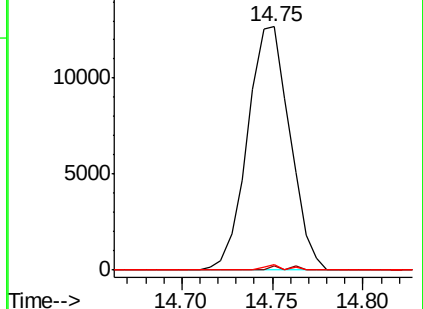
89 2.0 45.8 68.6#

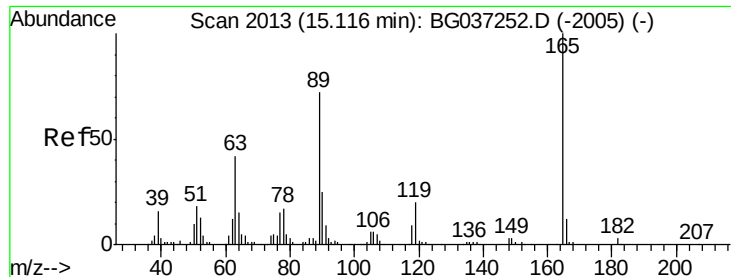


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

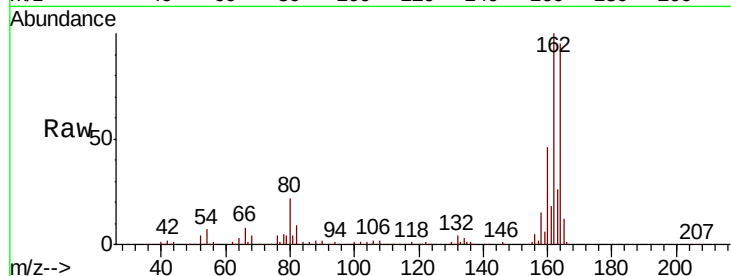




#57
 2,4-Dinitrotoluene
 Concen: 11.199 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



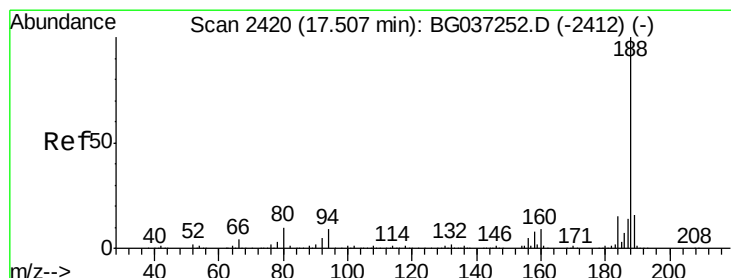
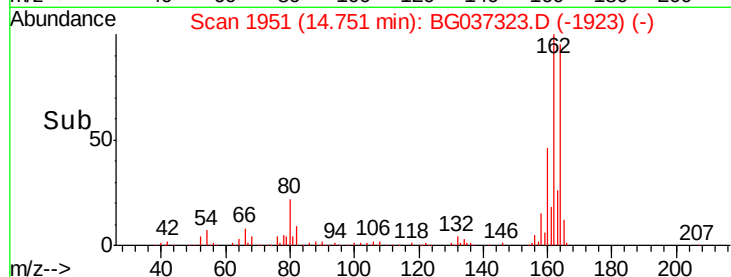
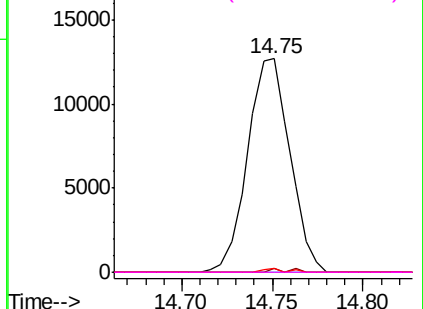
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

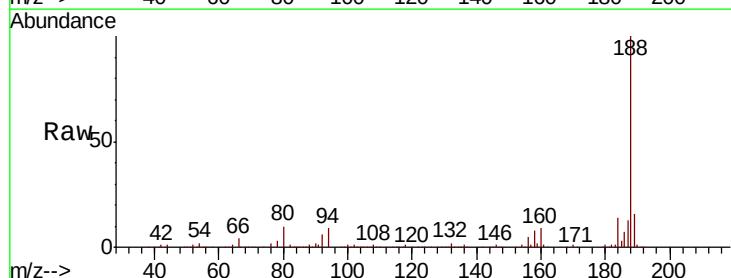
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.2	7.7	11.5

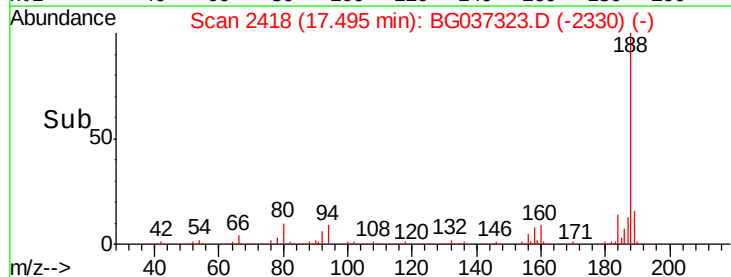
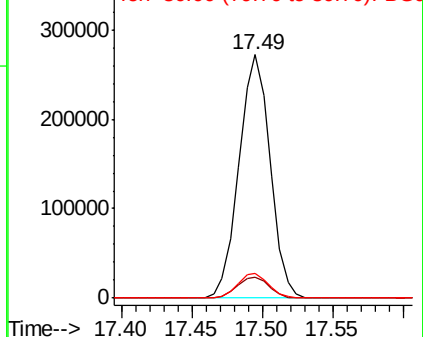


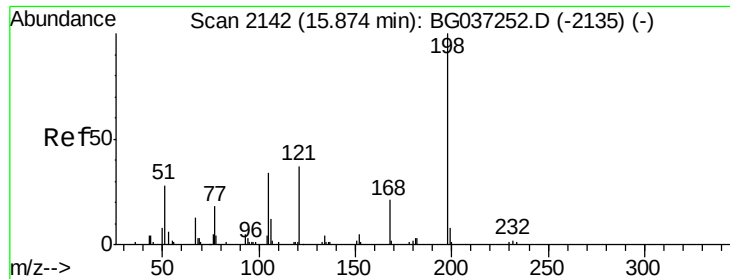
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 6.084 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

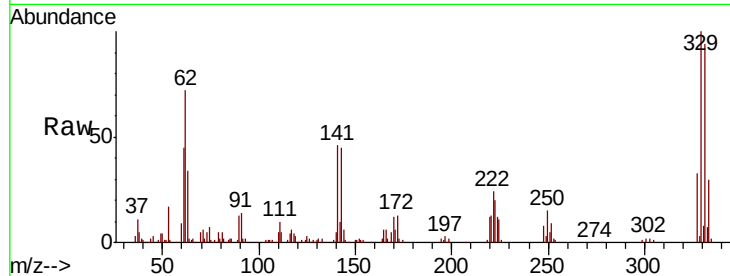
Tot Ion:198 Resp: 208

Ion Ratio Lower Upper

198 100

51 37.9 22.7 62.7

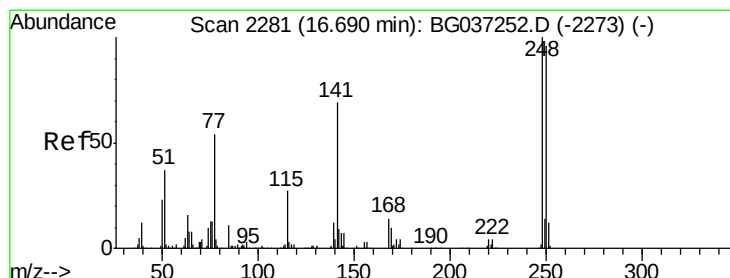
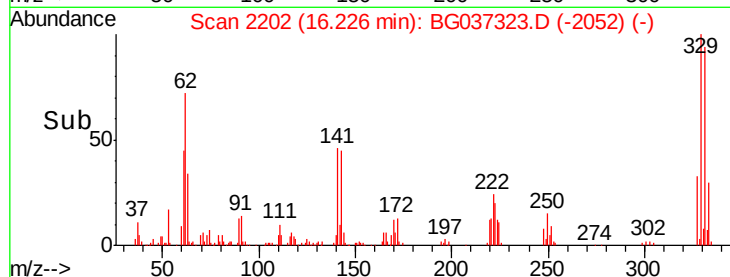
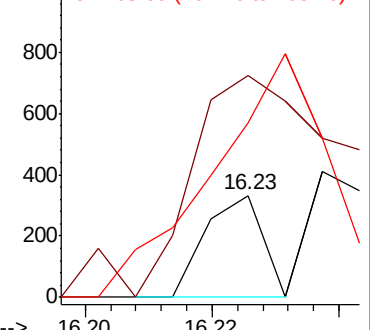
105 29.7 19.7 59.7



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: 3.083 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.46 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

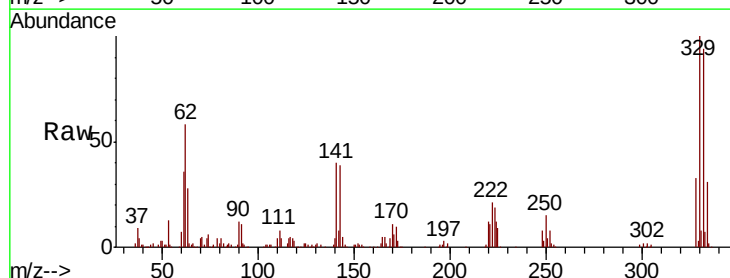
Tgt Ion:248 Resp: 13954

Ion Ratio Lower Upper

248 100

250 187.8 77.0 115.6#

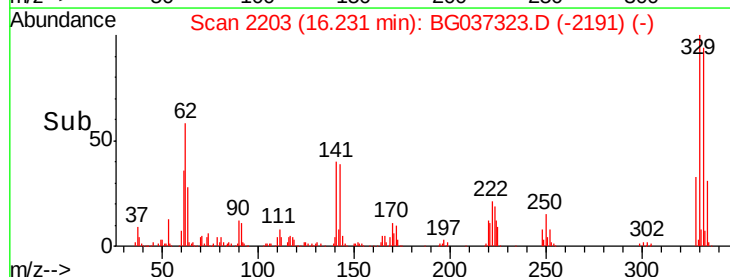
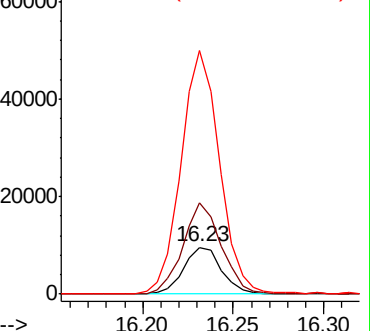
141 393.8 55.5 83.3#

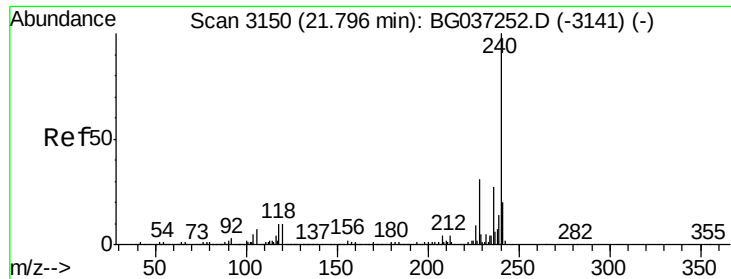


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

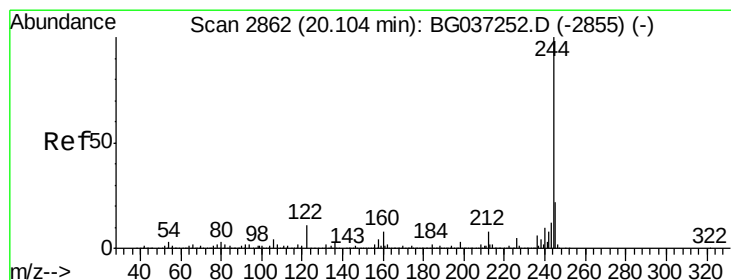
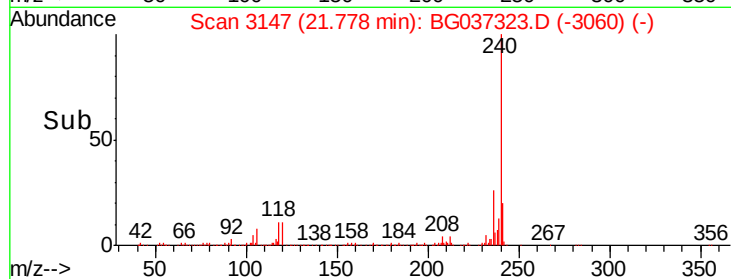
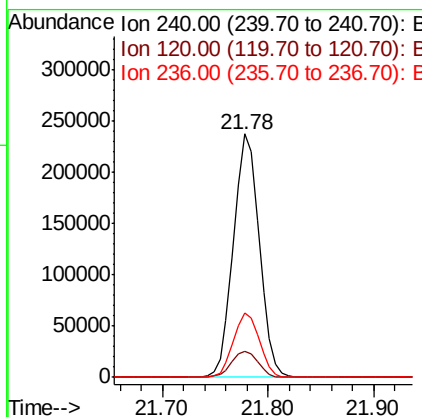
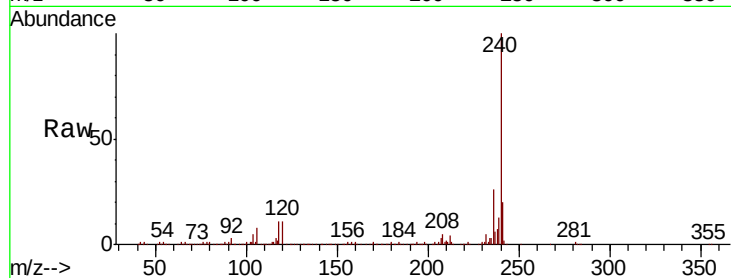




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

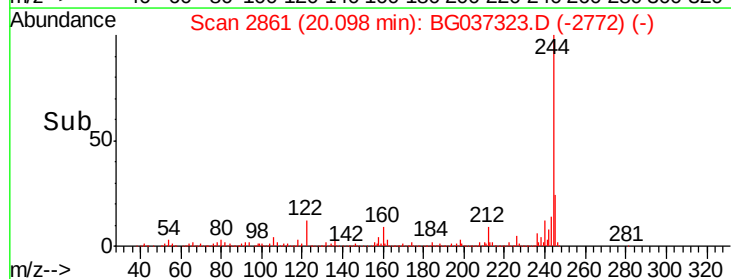
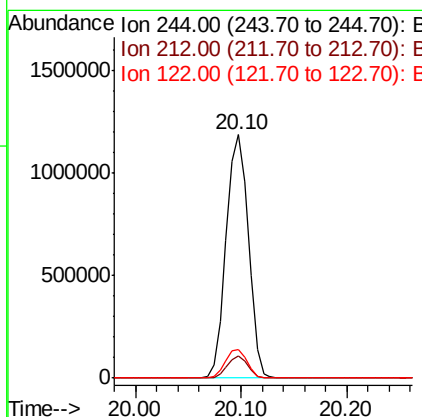
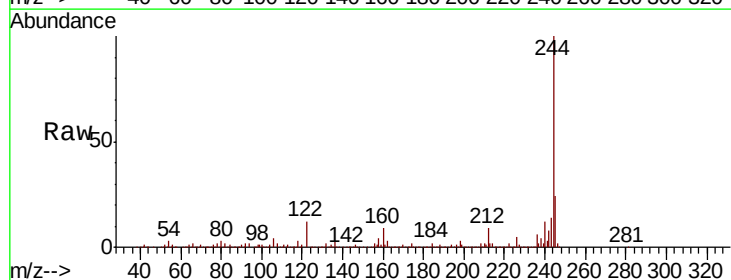
Instrument :
 BNA_G
 ClientSampleId :

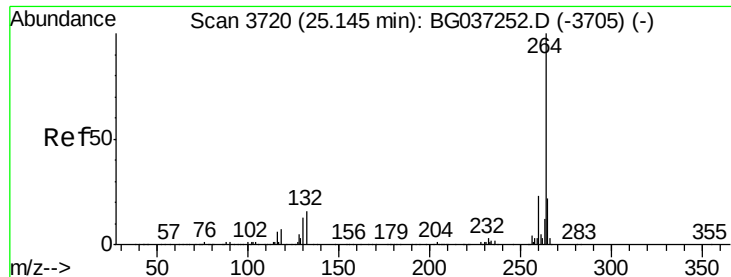
Tot Ion:240 Resp: 401844
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 90.517 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

Tgt Ion:244 Resp: 1732292
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.5 9.7
 122 11.9 9.0 13.4

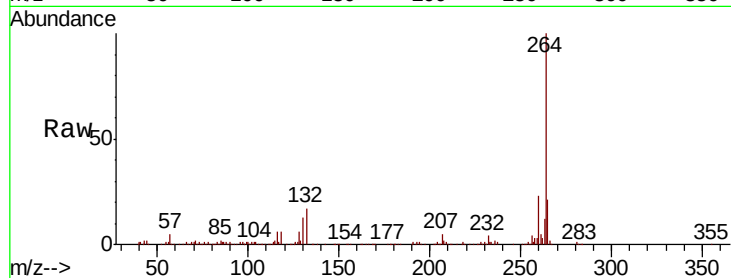




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.5	17.9	26.9



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

