

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037395.D
 Acq On : 17 Oct 2018 18:10
 Operator : JU/SJ
 Sample : J5518-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GSTS

Quant Time: Oct 18 11:42:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

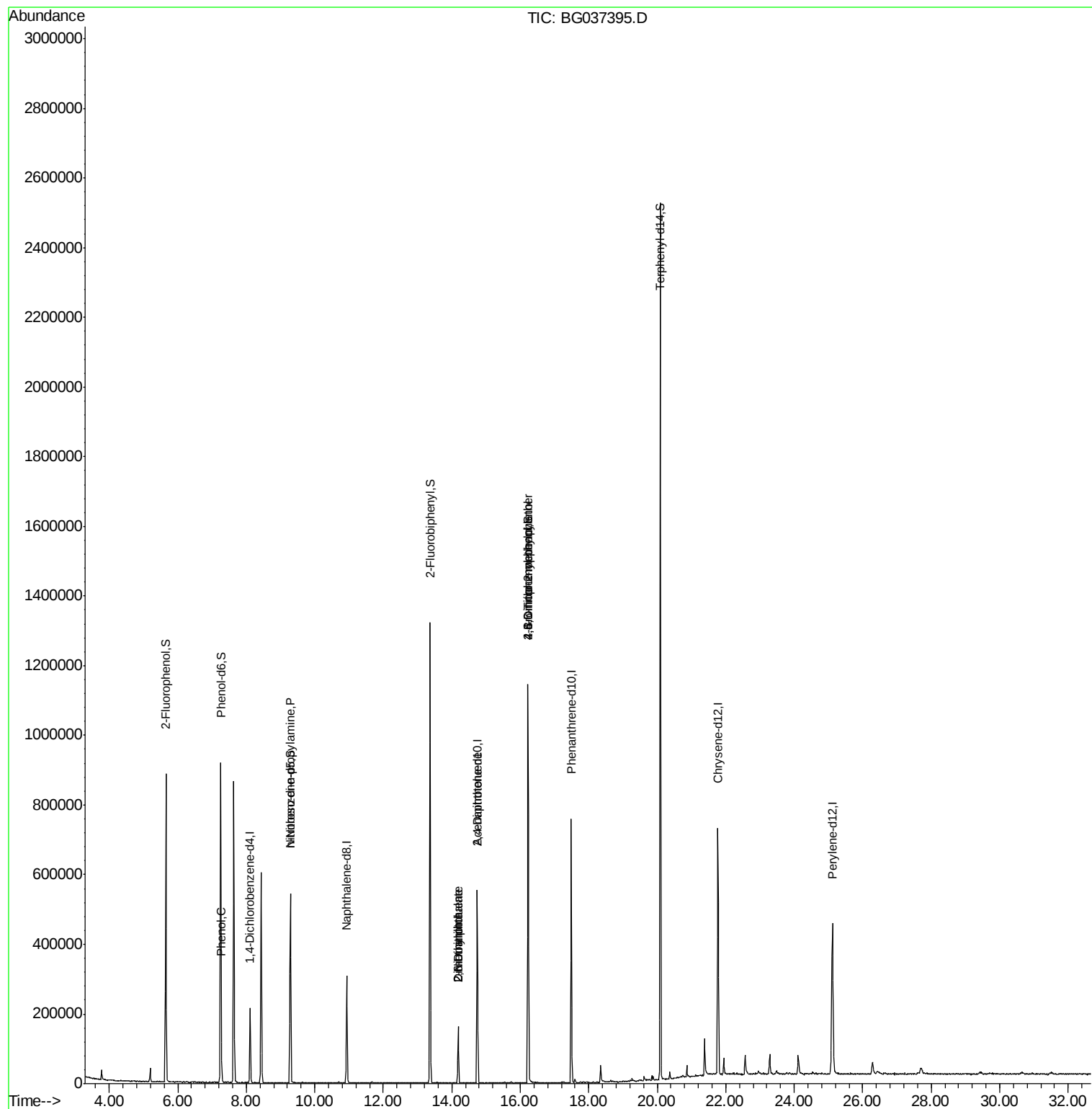
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64091	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	278920	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	192412	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	488465	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	453922	20.00	ng	-0.02
87) Perylene-d12	25.11	264	460196	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	404446	111.06	ng	0.00
7) Phenol-d6	7.25	99	600100	108.57	ng	0.00
23) Nitrobenzene-d5	9.29	82	341568	80.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	210550	111.58	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	750379	58.57	ng	-0.01
79) Terphenyl-d14	20.09	244	1237506	57.24	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	25313	4.348	ng	94
19) n-Nitroso-di-n-propylamine	9.29	70	42127	10.066	ng	# 72
48) 2-Nitroaniline	14.19	65	1179	6.075	ng	# 1
50) Dimethylphthalate	14.19	163	115938	7.667	ng	100
51) 2,6-Dinitrotoluene	14.19	165	1215	5.183	ng	# 6
57) 2,4-Dinitrotoluene	14.74	165	24415	11.170	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	767	6.385	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	15894	3.015	ng	# 1

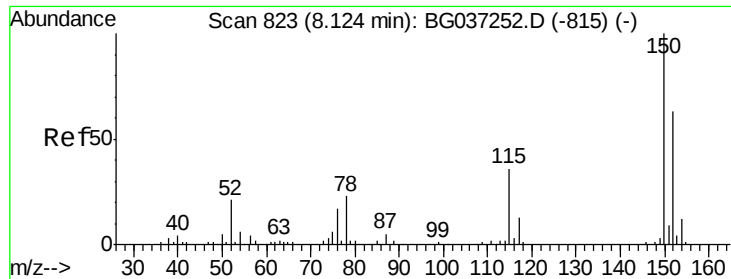
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037395.D
Acq On : 17 Oct 2018 18:10
Operator : JU/SJ
Sample : J5518-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GSTS

Quant Time: Oct 18 11:42:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

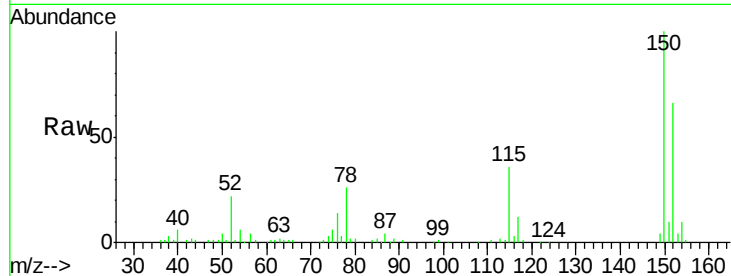




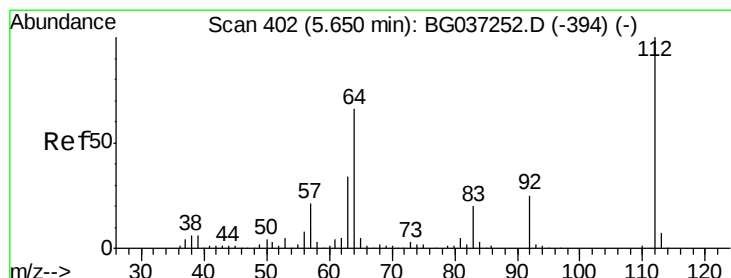
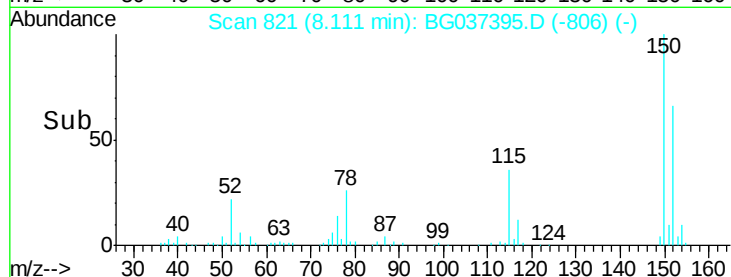
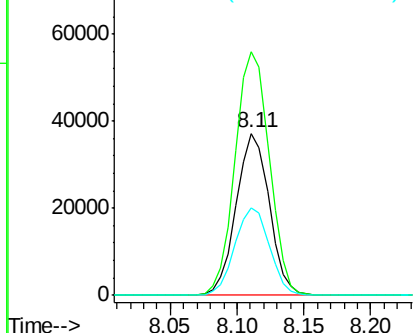
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :
 GSTS

Tgt Ion:152 Resp: 64091
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.0 189.0
 115 54.0 45.5 68.3

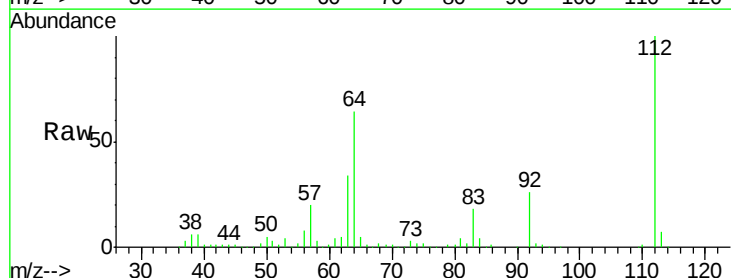


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

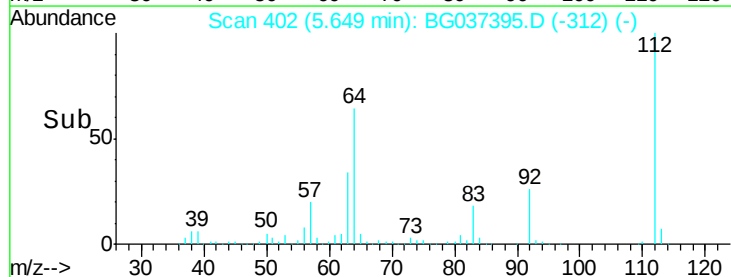
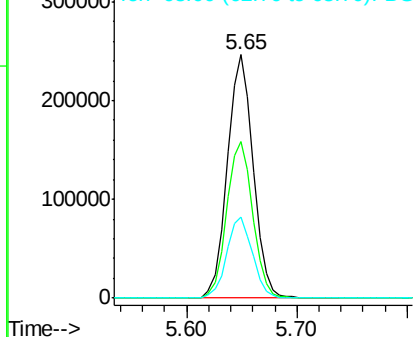


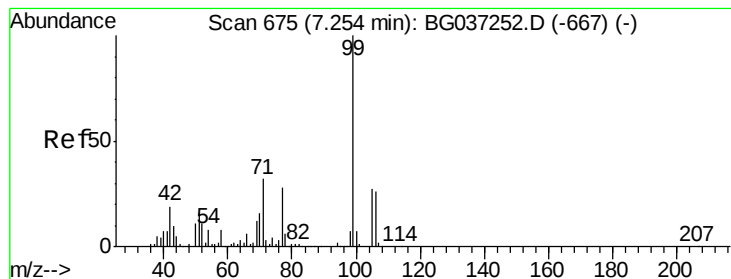
#5
 2-Fluorophenol
 Concen: 111.059 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

Tgt Ion:112 Resp: 404446
 Ion Ratio Lower Upper
 112 100
 64 64.5 53.1 79.7
 63 33.5 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: 108.565 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

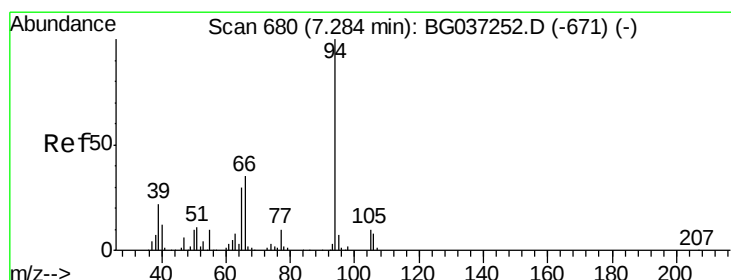
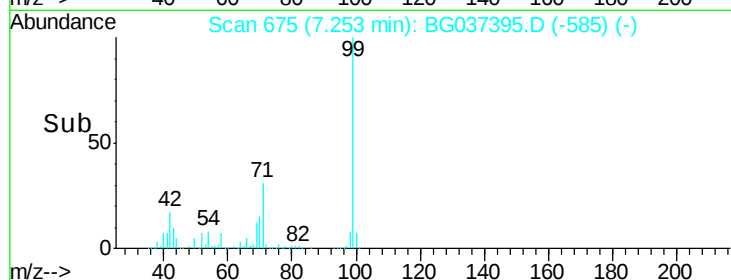
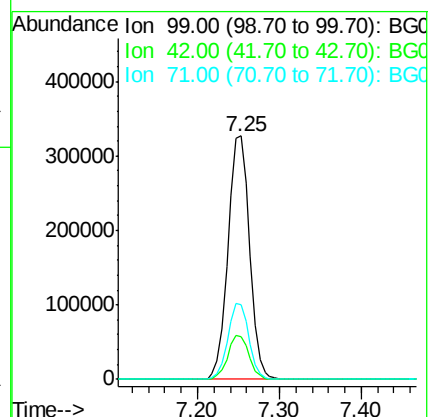
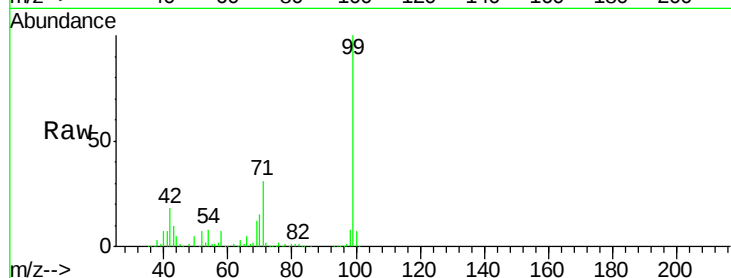
Tgt Ion: 99 Resp: 600100

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 30.7 25.5 38.3



#10

Phenol

Concen: 4.348 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

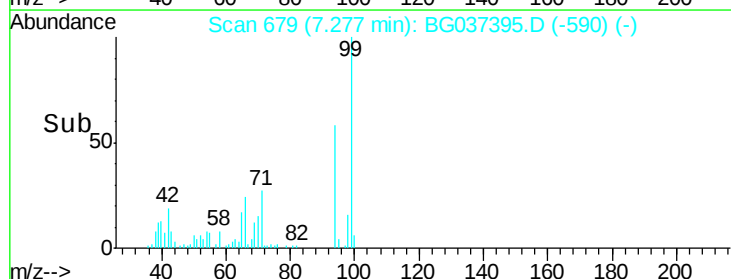
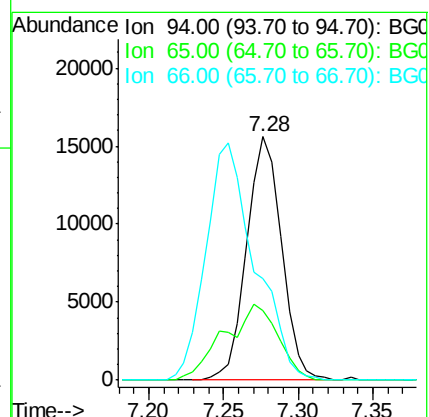
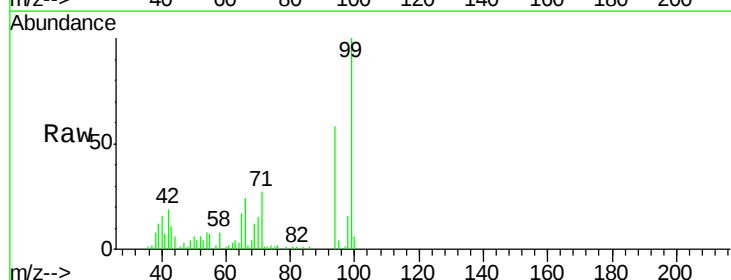
Tgt Ion: 94 Resp: 25313

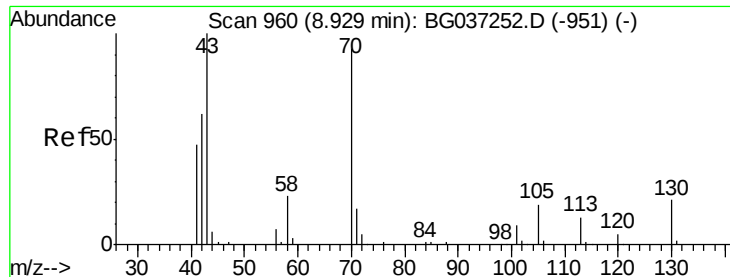
Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

66 41.5 15.9 55.9

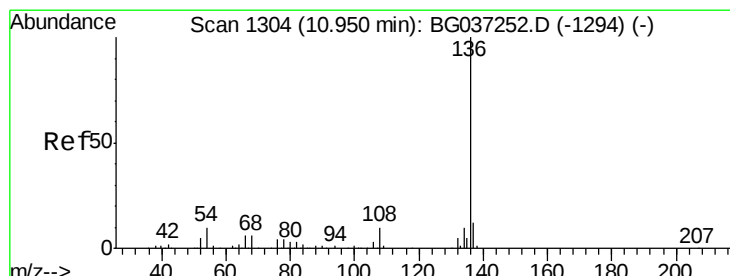
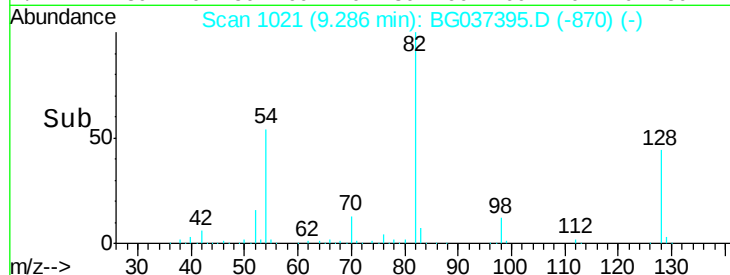
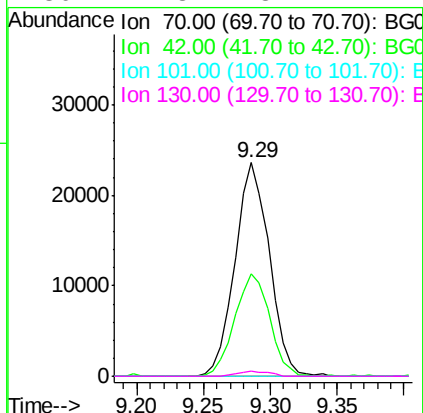
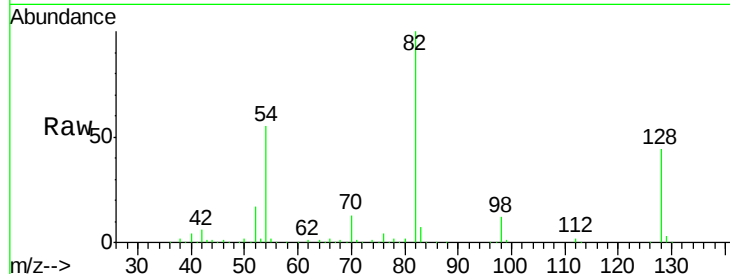




#19
n-Nitroso-di-n-propylamine
Concen: 10.066 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

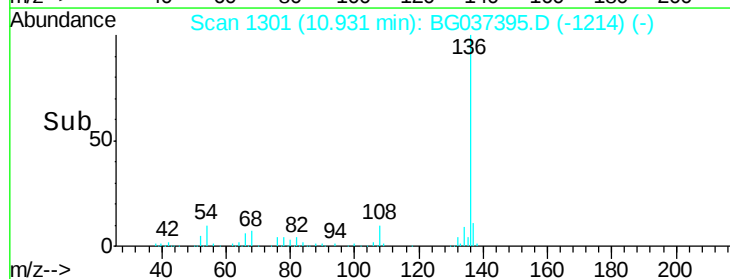
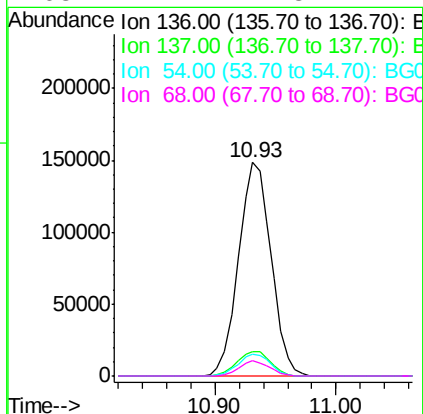
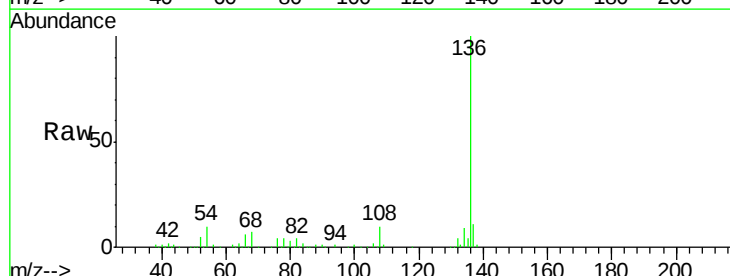
Instrument :
BNA_G
ClientSampleId :
GSTS

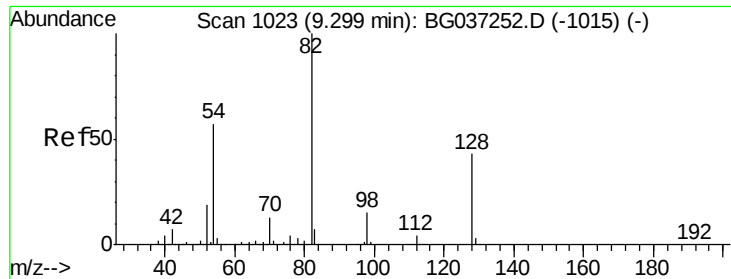
Tgt Ion: 70 Resp: 42127
Ion Ratio Lower Upper
70 100
42 48.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:136 Resp: 278920
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.1 7.9 11.9
68 7.1 4.8 7.2

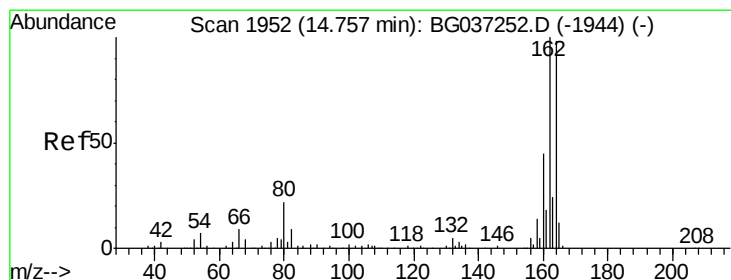
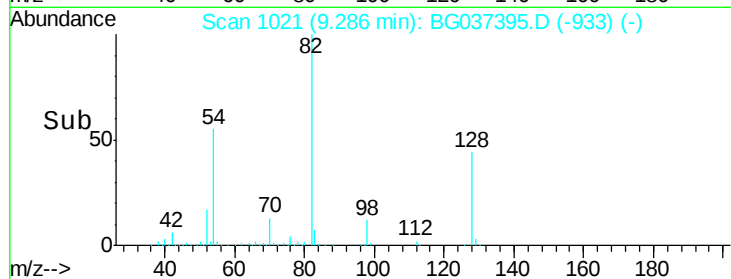
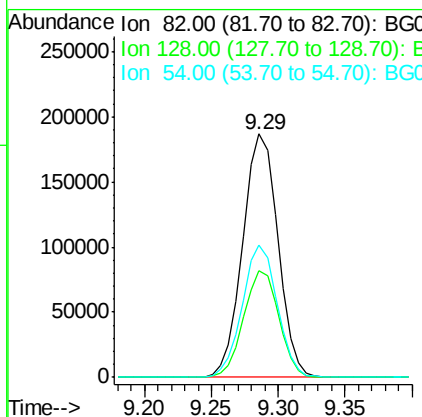
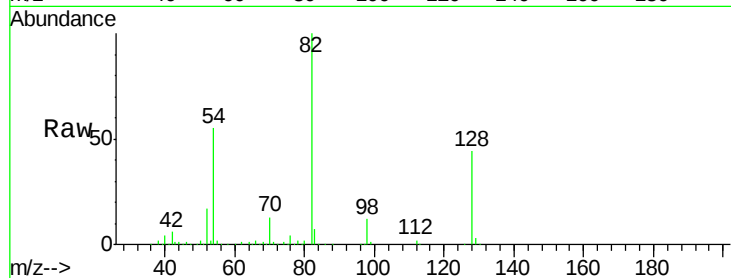




#23
 Nitrobenzene-d5
 Concen: 80.512 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

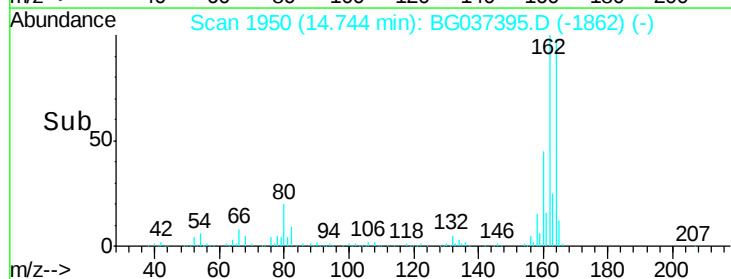
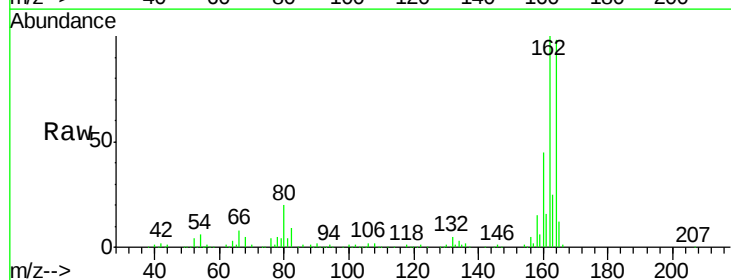
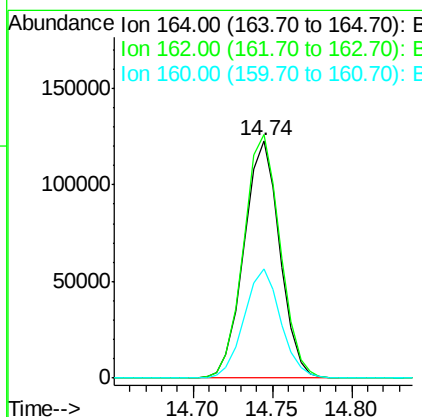
Instrument :
 BNA_G
 ClientSampleId :
 GSTS

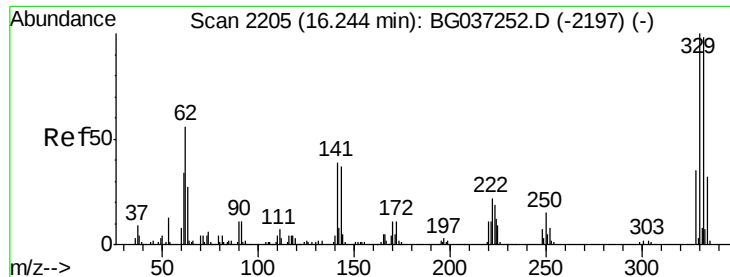
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.5	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	46.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 111.578 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

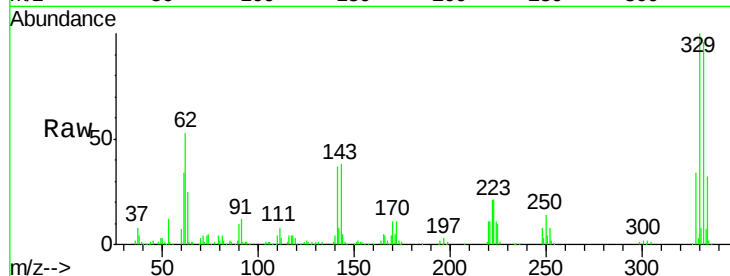
Tgt Ion:330 Resp: 210550

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

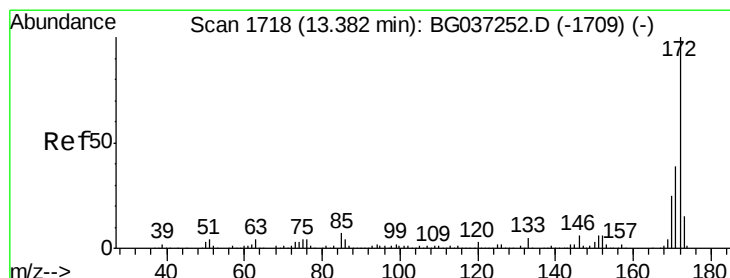
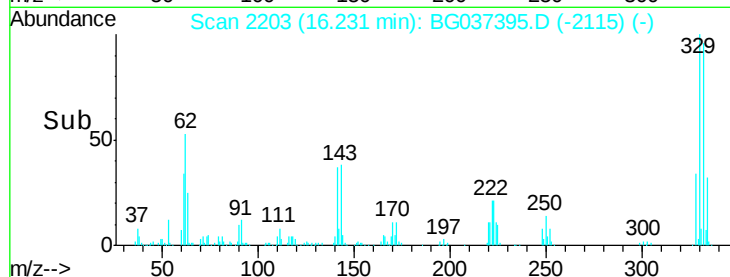
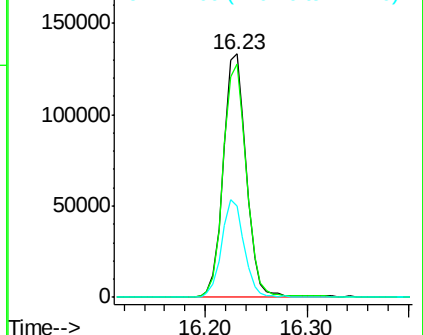
141 39.4 32.2 48.2



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: 58.567 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

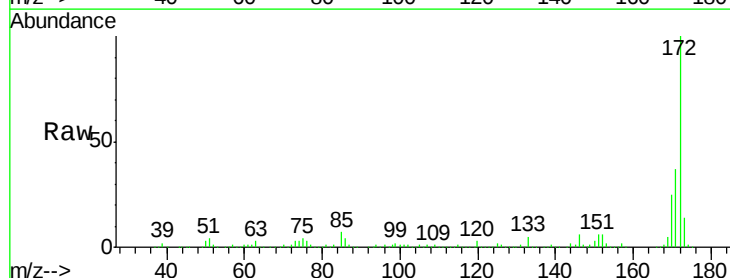
Tgt Ion:172 Resp: 750379

Ion Ratio Lower Upper

172 100

171 37.3 31.0 46.4

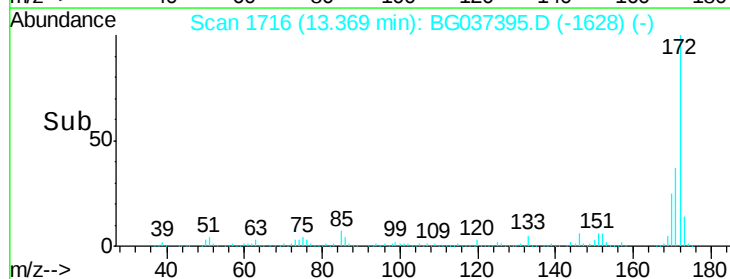
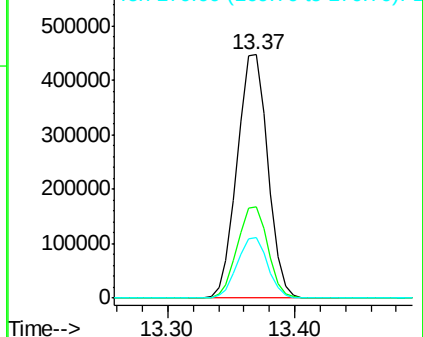
170 24.8 20.2 30.2

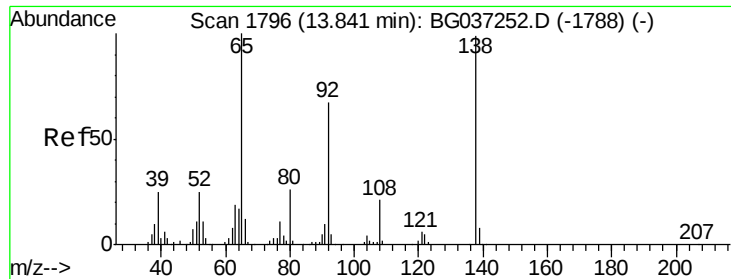


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 6.075 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.35 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

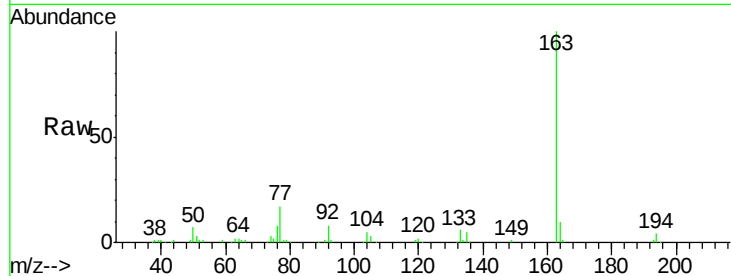
Tgt Ion: 65 Resp: 1179

Ion Ratio Lower Upper

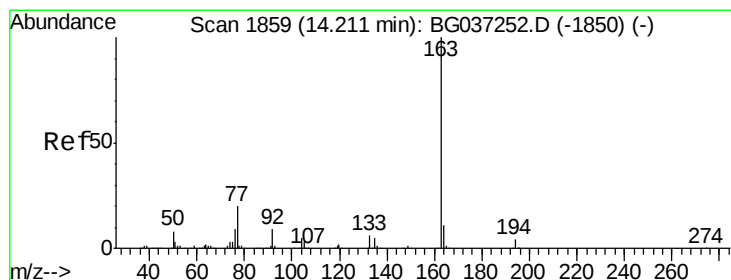
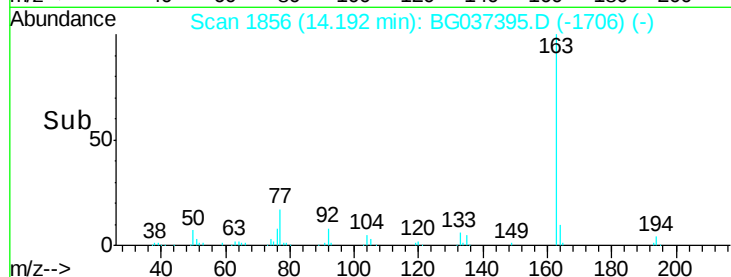
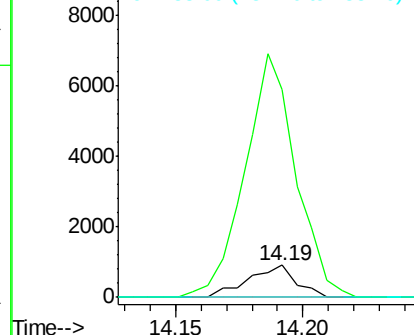
65 100

92 649.5 53.2 79.8#

138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

Dimethylphthalate

Concen: 7.667 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

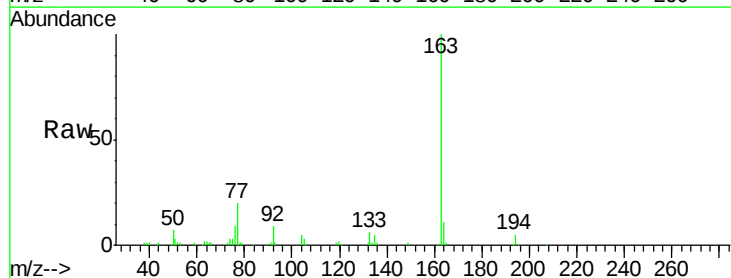
Tgt Ion: 163 Resp: 115938

Ion Ratio Lower Upper

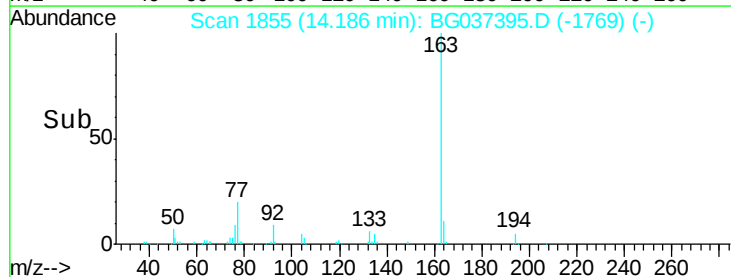
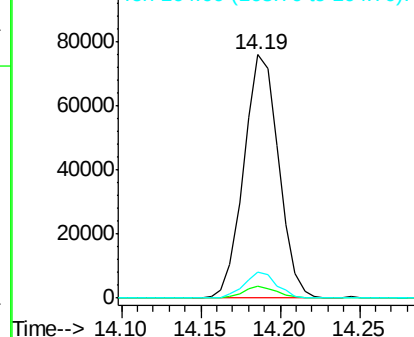
163 100

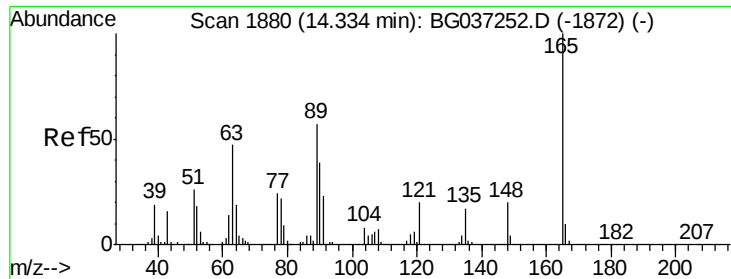
194 4.7 3.5 5.3

164 10.6 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 5.183 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.15 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

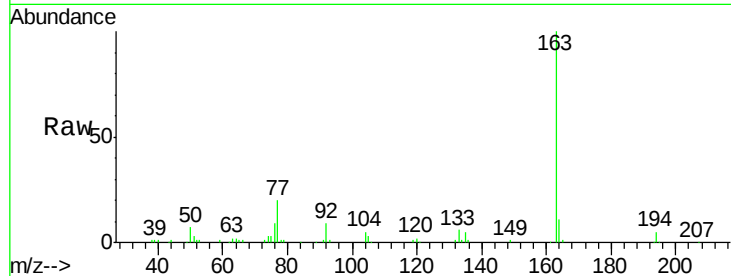
Tgt Ion:165 Resp: 1215

Ion Ratio Lower Upper

165 100

63 155.2 43.4 65.2#

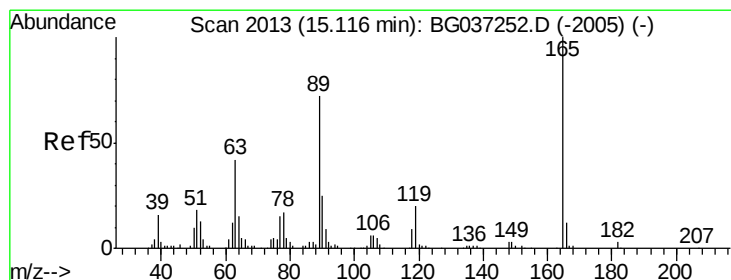
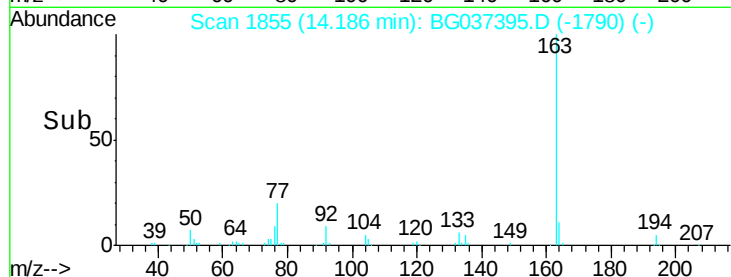
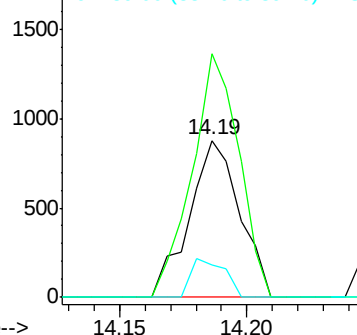
89 20.5 45.8 68.6#



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: 11.170 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Tgt Ion:165 Resp: 24415

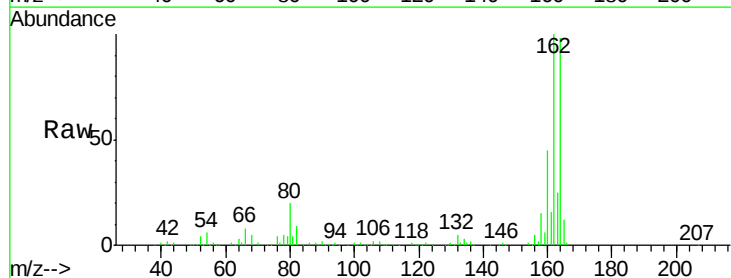
Ion Ratio Lower Upper

165 100

63 1.8 33.4 50.0#

89 3.1 57.2 85.8#

182 0.0 2.6 4.0#

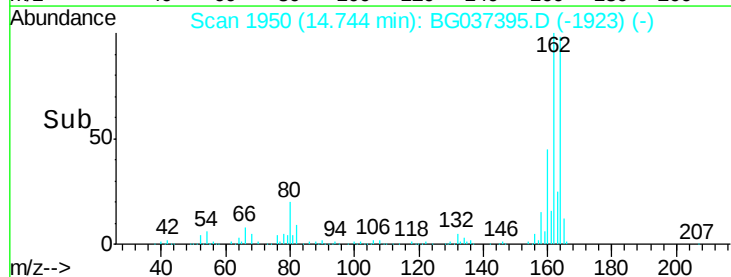
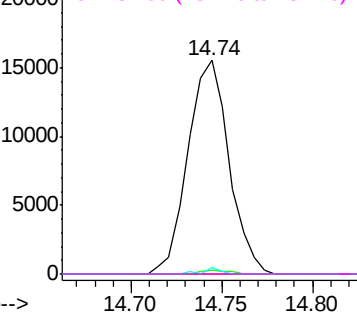


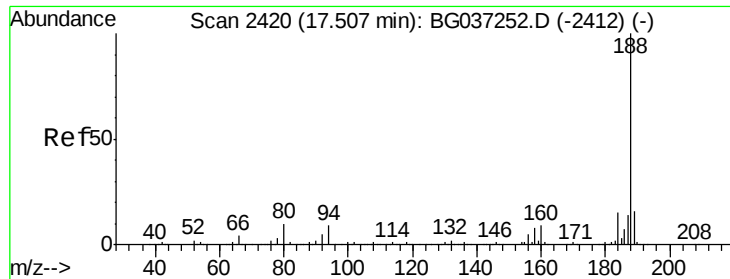
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2417

Delta R.T. -0.02 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

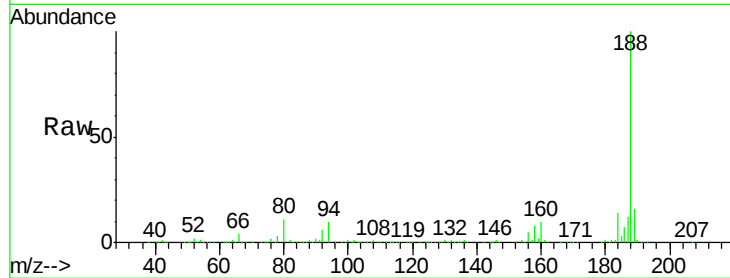
Tgt Ion:188 Resp: 488465

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

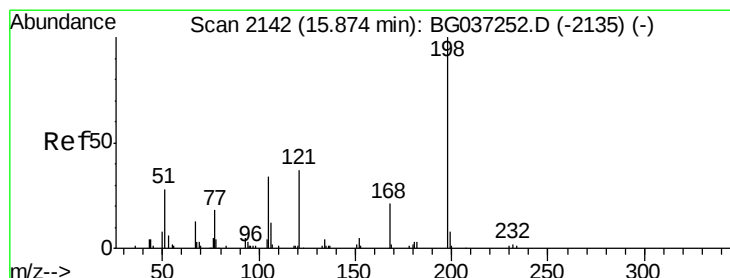
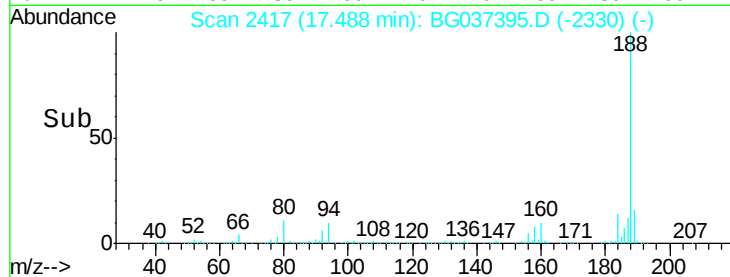
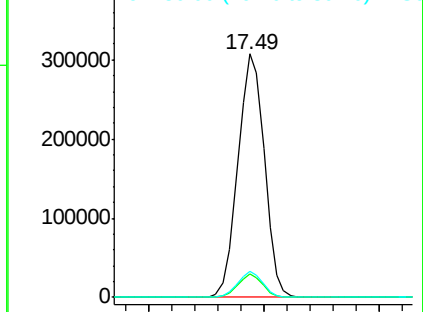
80 10.6 7.7 11.5



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: 6.385 ng

RT: 16.22 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

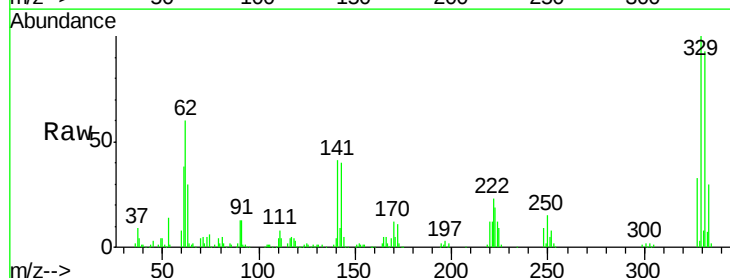
Tgt Ion:198 Resp: 767

Ion Ratio Lower Upper

198 100

51 26.3 22.7 62.7

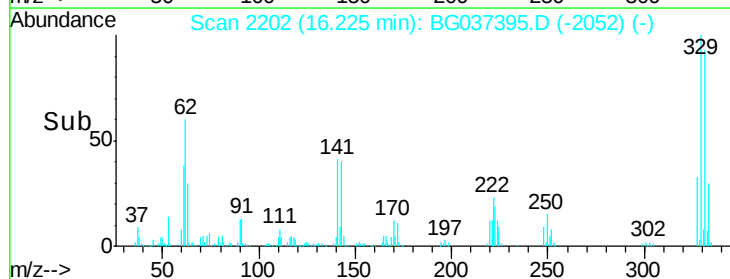
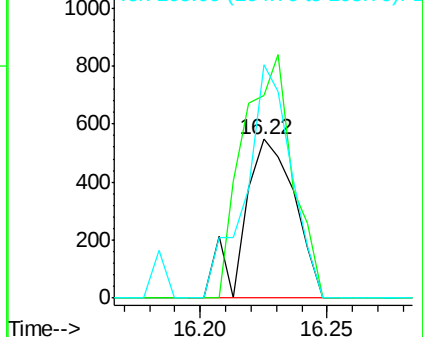
105 30.2 19.7 59.7

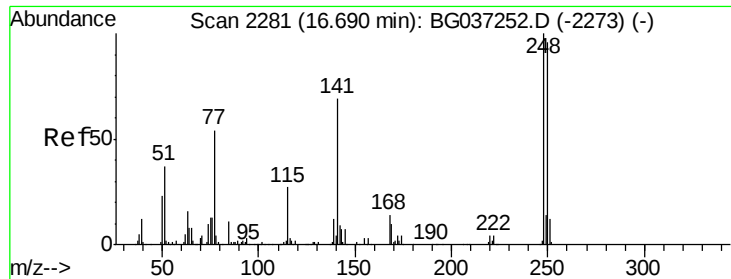


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

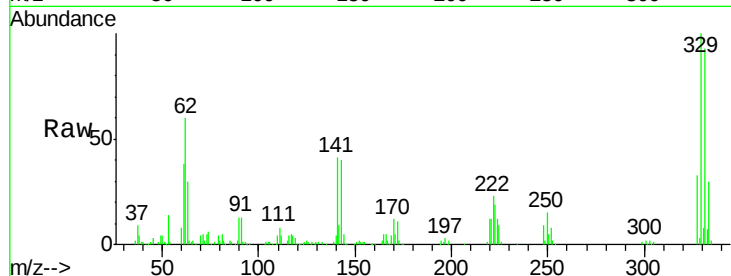




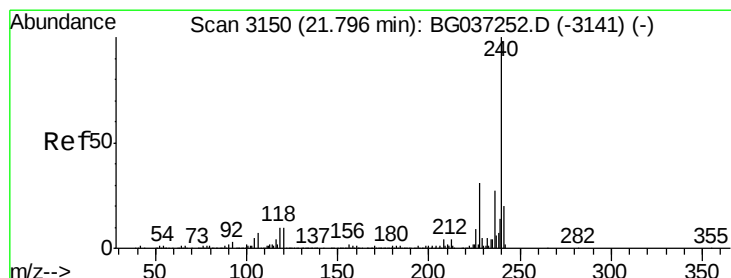
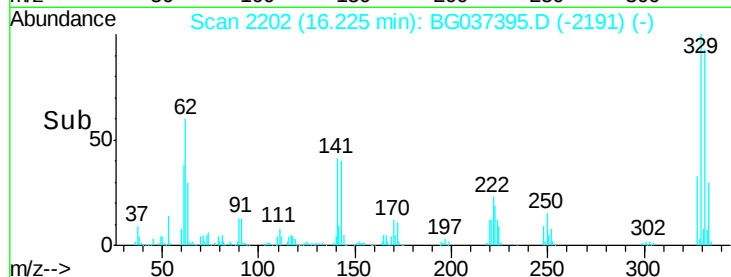
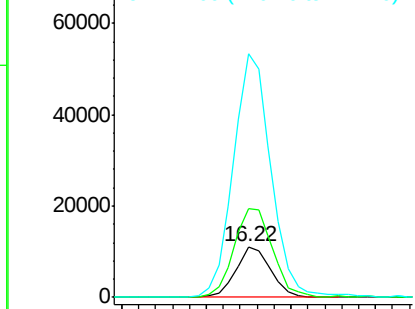
#67
 4-Bromophenyl-phenylether
 Concen: 3.015 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.47 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :
 GSTS

Tgt Ion:248 Resp: 15894
 Ion Ratio Lower Upper
 248 100
 250 181.1 77.0 115.6#
 141 378.5 55.5 83.3#

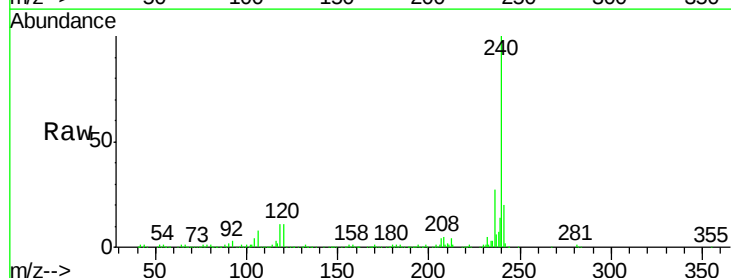


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

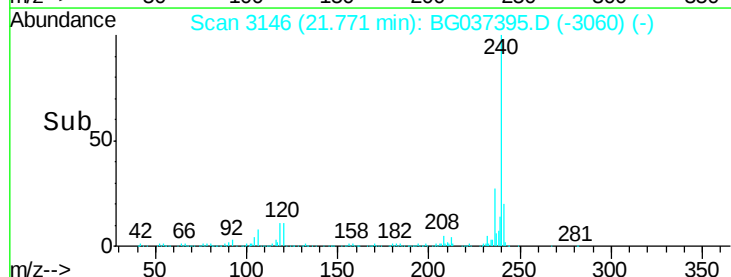
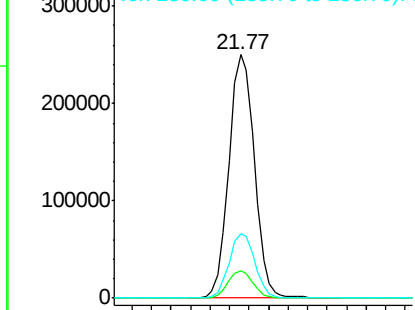


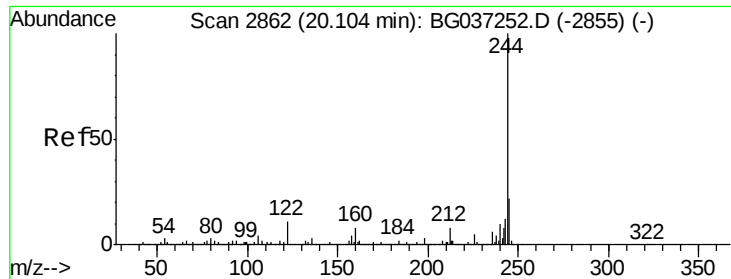
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037395.D
 Acq: 17 Oct 2018 18:10

Tgt Ion:240 Resp: 453922
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 26.6 21.4 32.0



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





#79

Terphenyl-d14

Concen: 57.244 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

GSTS

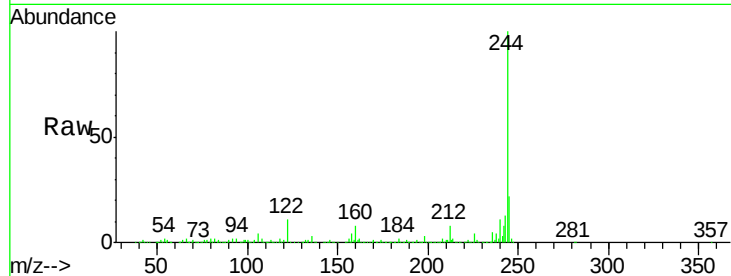
Tgt Ion:244 Resp: 1237506

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

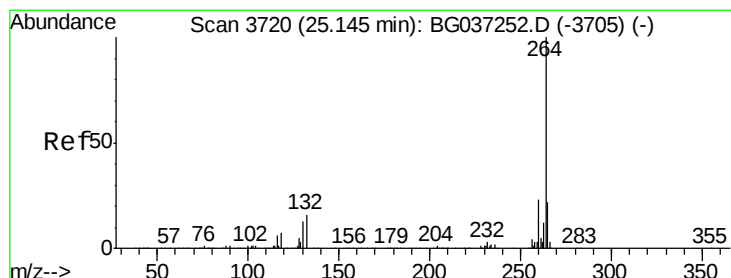
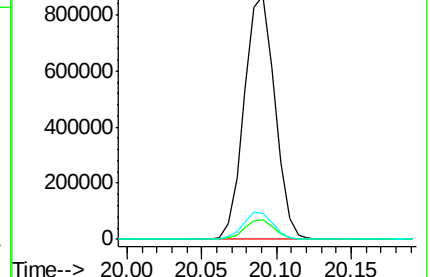
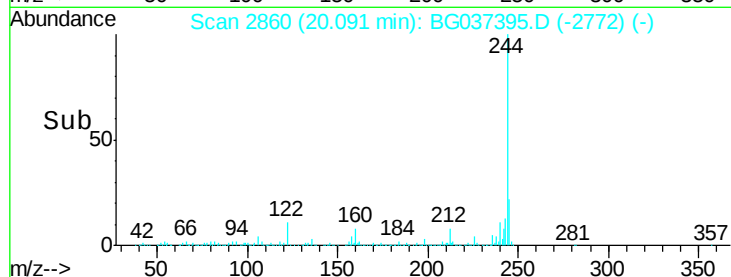
122 10.9 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037395.D

Acq: 17 Oct 2018 18:10

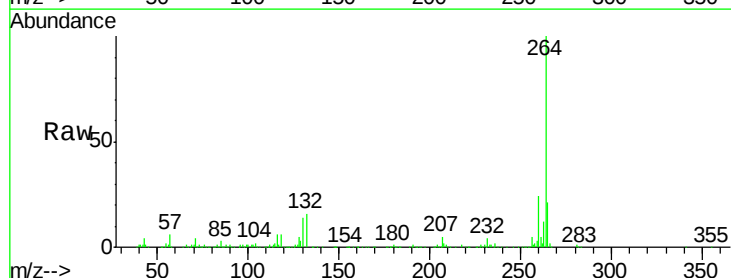
Tgt Ion:264 Resp: 460196

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.1 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

