

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037401.D
 Acq On : 17 Oct 2018 22:04
 Operator : JU/SJ
 Sample : J5541-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

Quant Time: Oct 18 11:44:57 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

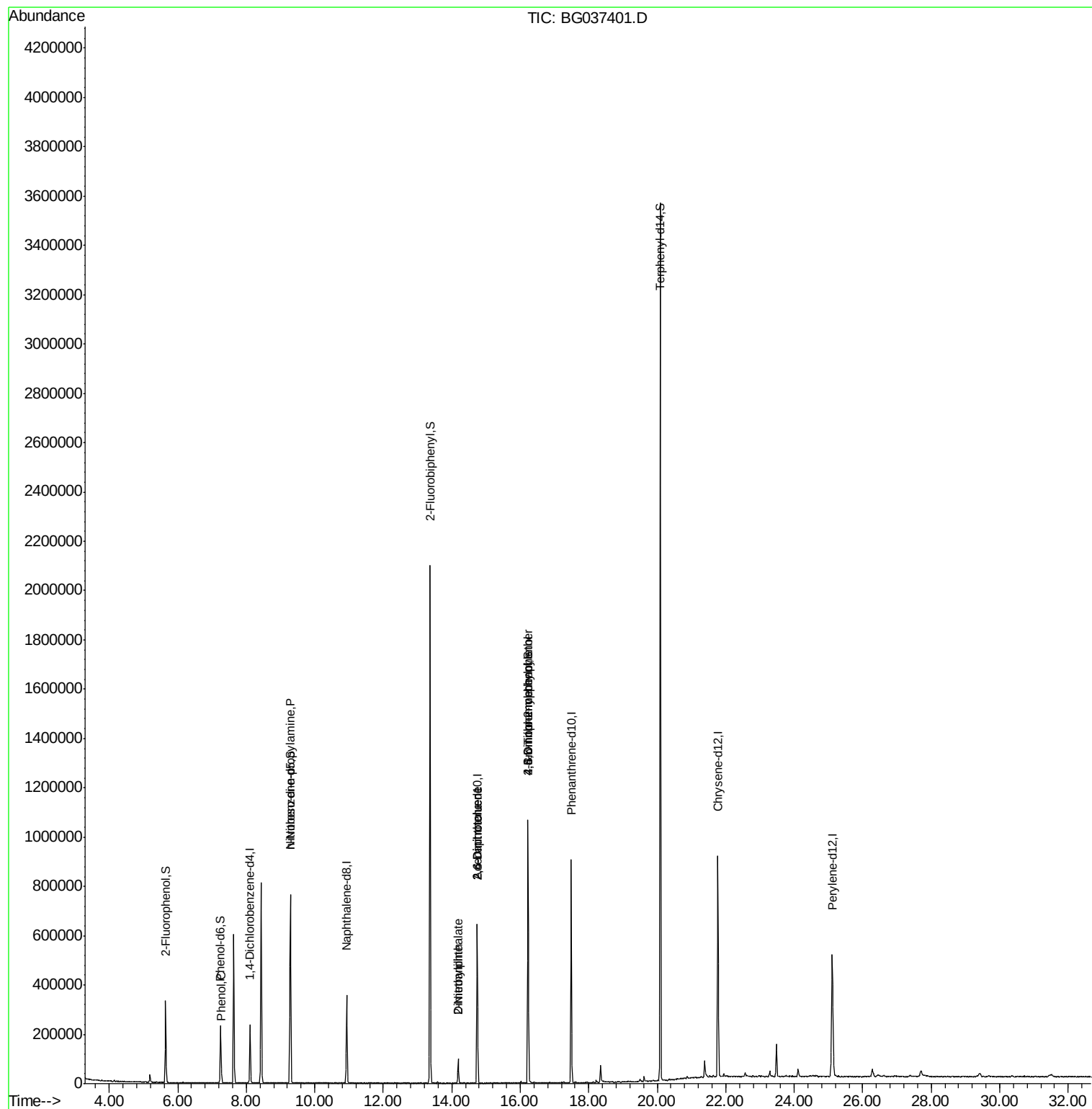
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	70955	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	326575	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	231353	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	574533	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	531918	20.00	ng	-0.02
87) Perylene-d12	25.12	264	538370	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	159911	39.66	ng	0.00
7) Phenol-d6	7.25	99	143381	23.43	ng	0.00
23) Nitrobenzene-d5	9.29	82	471591	94.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	196015	86.39	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1163236	75.51	ng	-0.01
79) Terphenyl-d14	20.09	244	1673303	66.05	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	30422	4.720	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.29	70	59996	12.949	ng	# 68
48) 2-Nitroaniline	14.19	65	631	5.898	ng	# 1
50) Dimethylphthalate	14.19	163	70455	3.875	ng	99
51) 2,6-Dinitrotoluene	14.74	165	30512	12.584	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	30512	11.400	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	545	6.211	ng	71
67) 4-Bromophenyl-phenylether	16.23	248	14786	2.385	ng	# 1

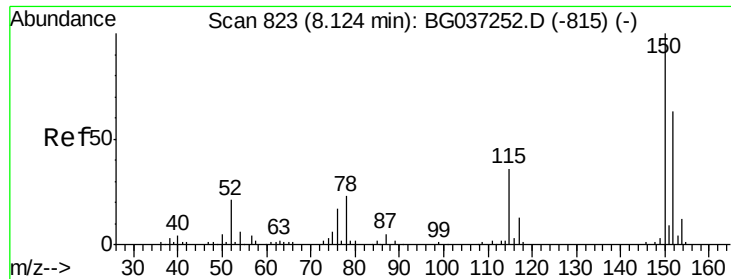
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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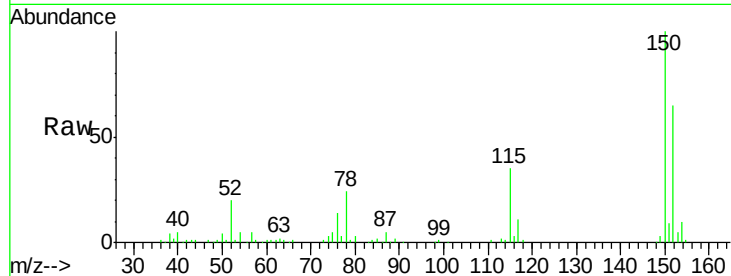


#1

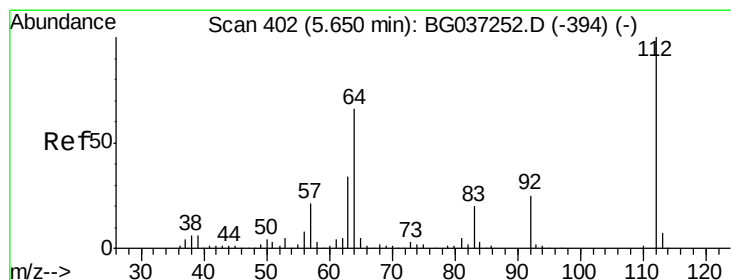
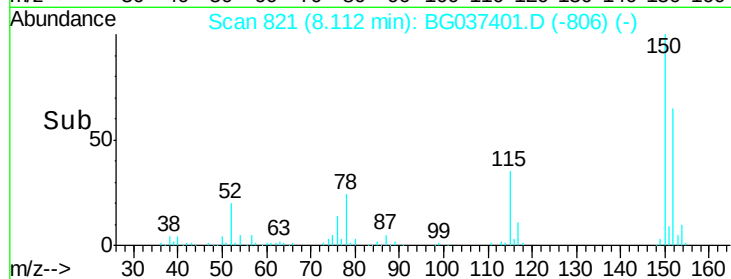
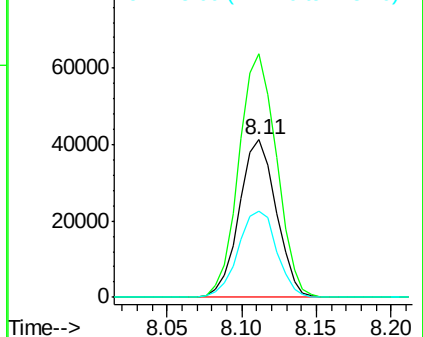
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-U-S

Tgt Ion:152 Resp: 70955
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 54.5 45.5 68.3



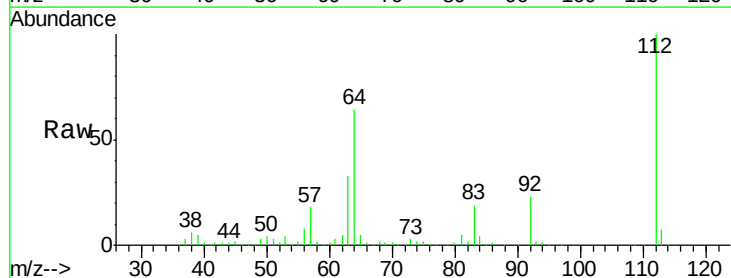
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



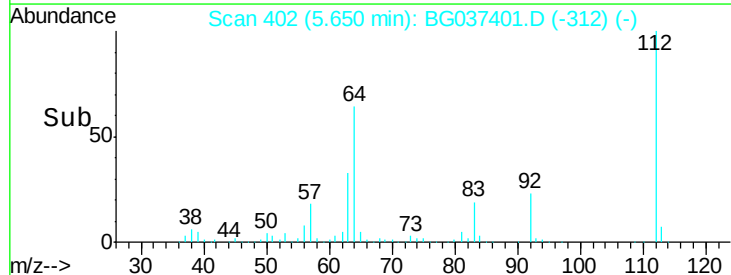
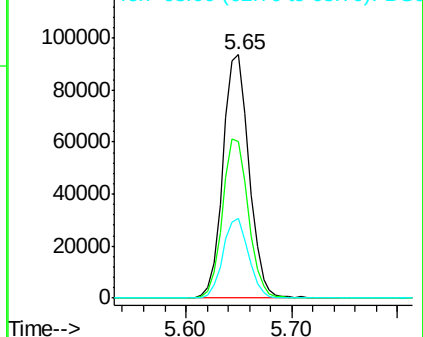
#5

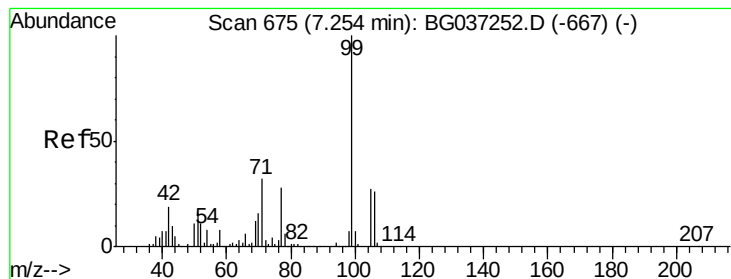
2-Fluorophenol
Concen: 39.663 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Tgt Ion:112 Resp: 159911
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.9 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: 23.430 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

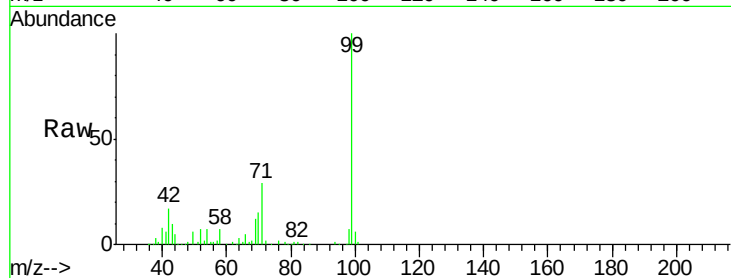
Tgt Ion: 99 Resp: 143381

Ion Ratio Lower Upper

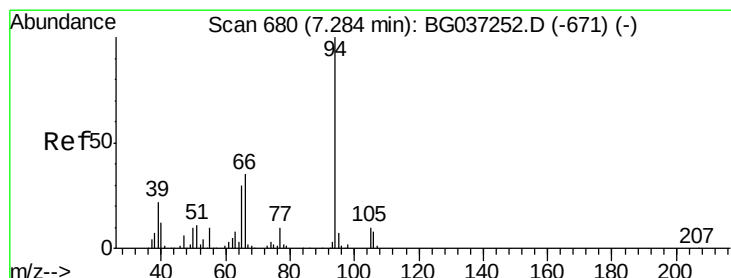
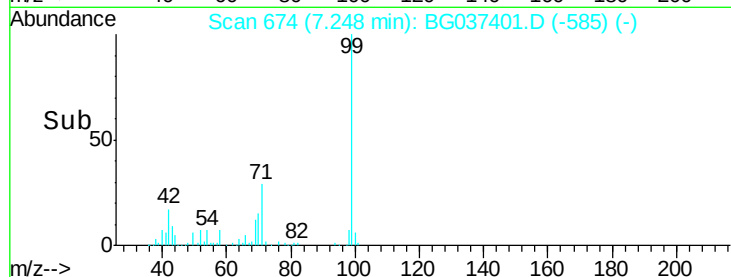
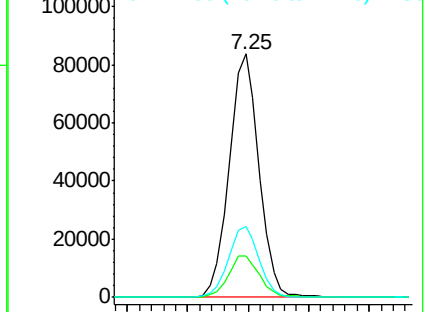
99 100

42 17.0 15.0 22.4

71 29.1 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



#10

Phenol

Concen: 4.720 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

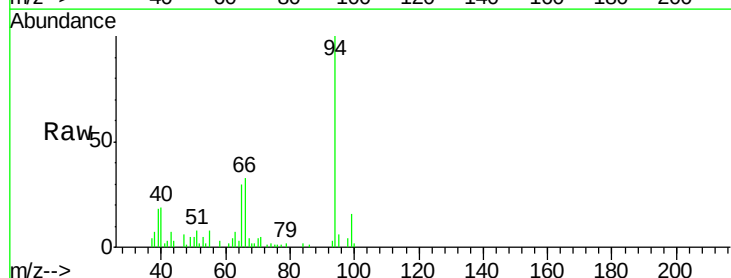
Tgt Ion: 94 Resp: 30422

Ion Ratio Lower Upper

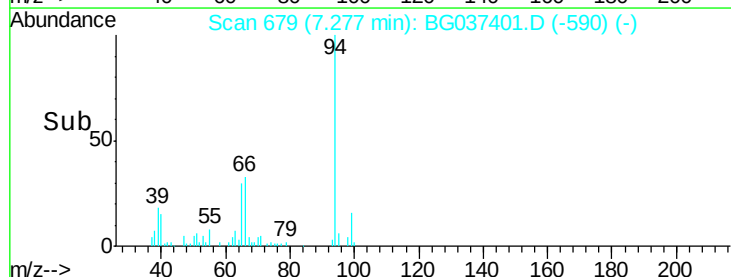
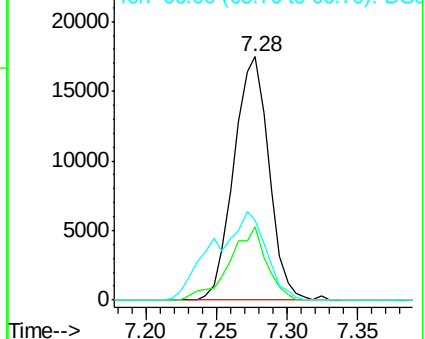
94 100

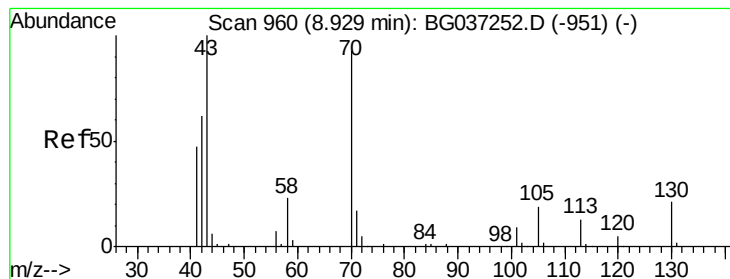
65 29.9 9.7 49.7

66 32.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 12.949 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

Tgt Ion: 70 Resp: 59996

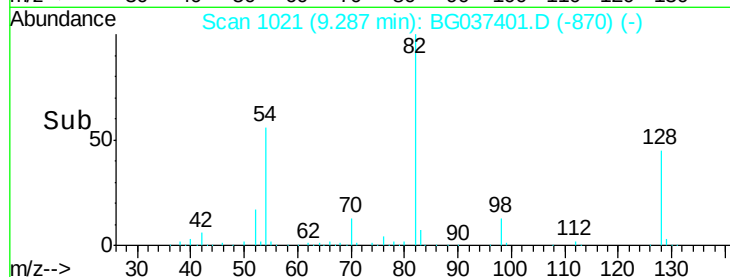
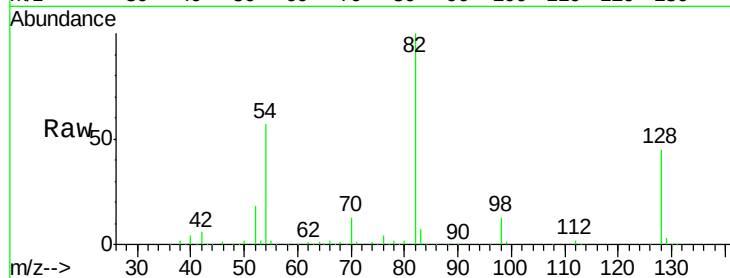
Ion Ratio Lower Upper

70 100

42 44.1 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 18.2 27.4#



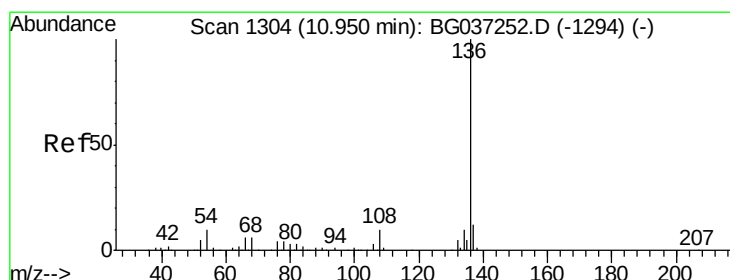
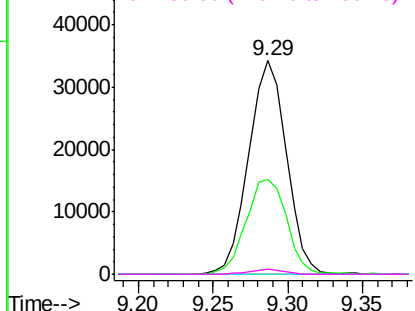
Abundance

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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Tgt Ion: 136 Resp: 326575

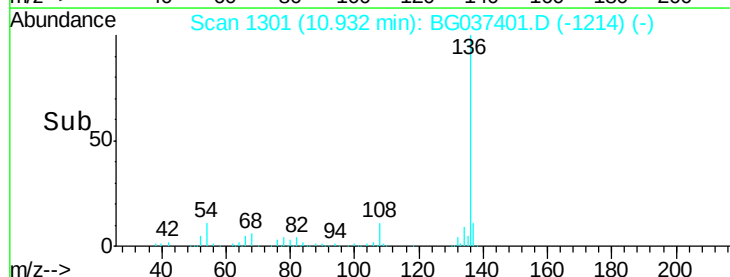
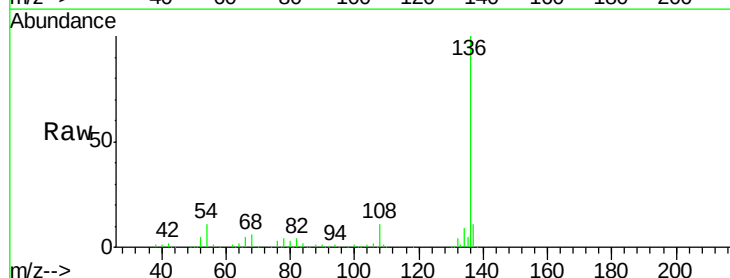
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.5 7.9 11.9

68 6.4 4.8 7.2



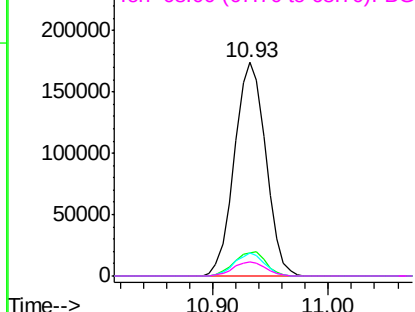
Abundance

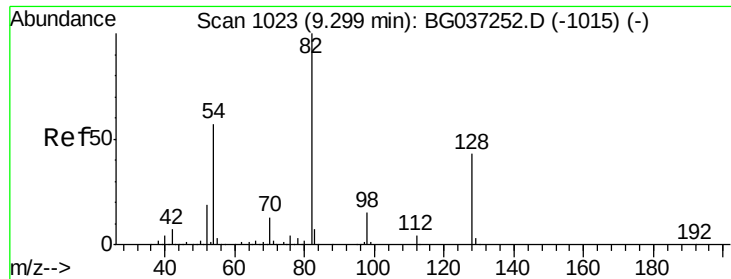
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

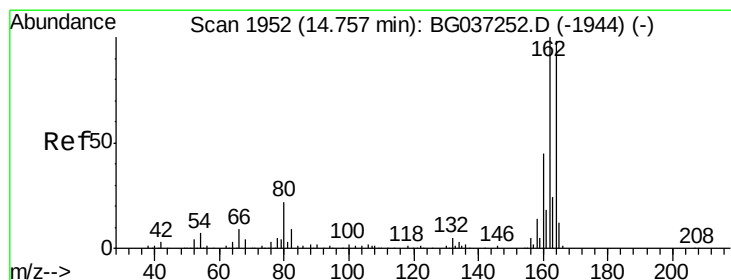
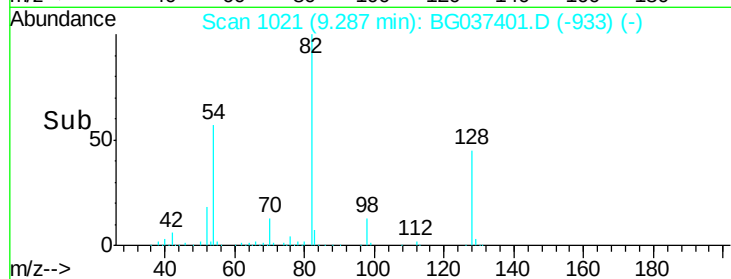
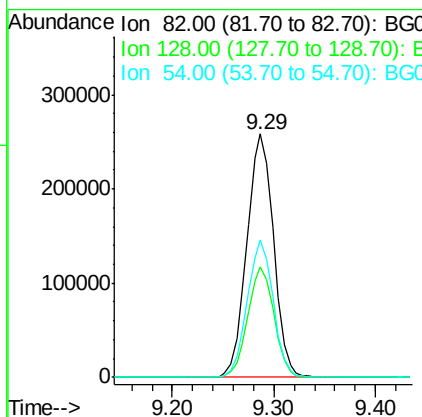
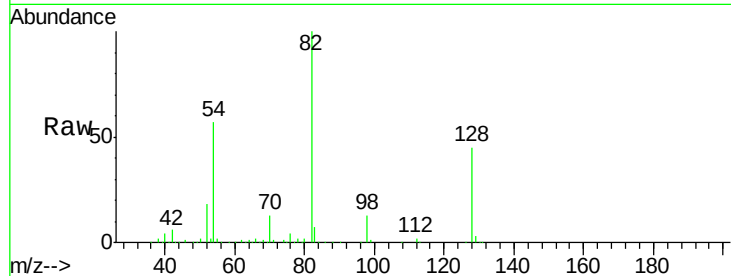




#23
Nitrobenzene-d5
Concen: 94.939 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

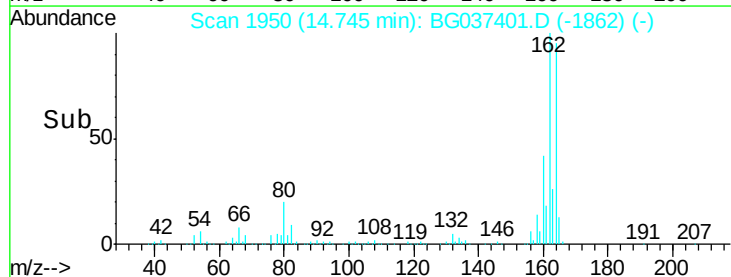
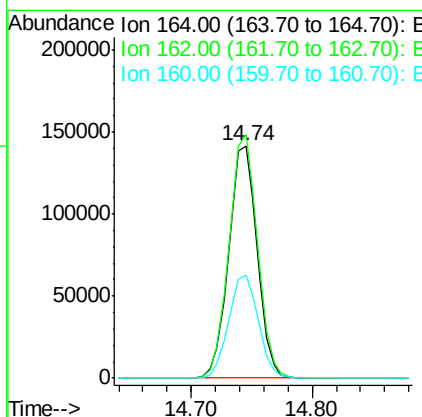
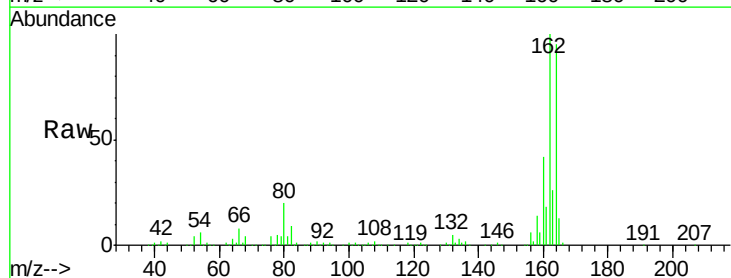
Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-U-S

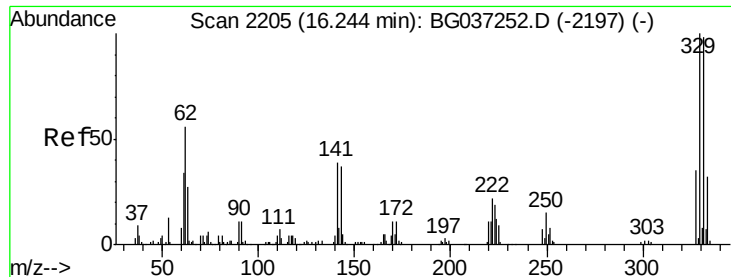
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	56.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	44.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 86.391 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

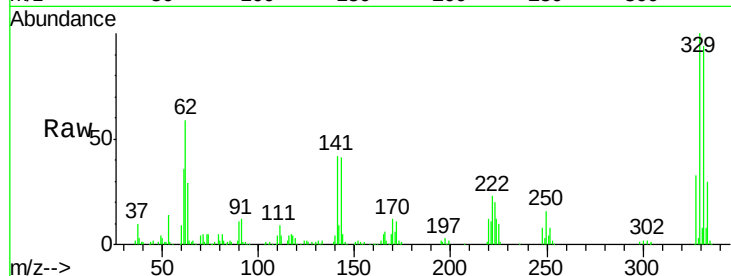
Tgt Ion:330 Resp: 196015

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

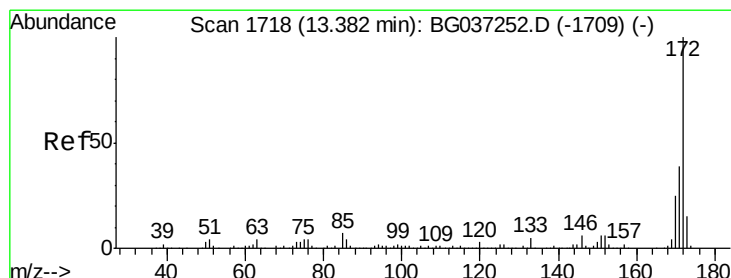
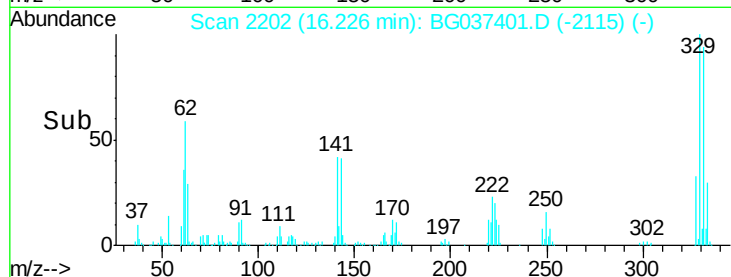
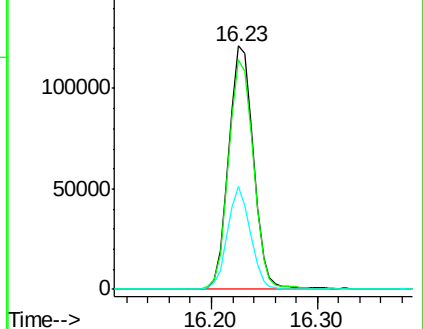
141 39.5 32.2 48.2



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: 75.508 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

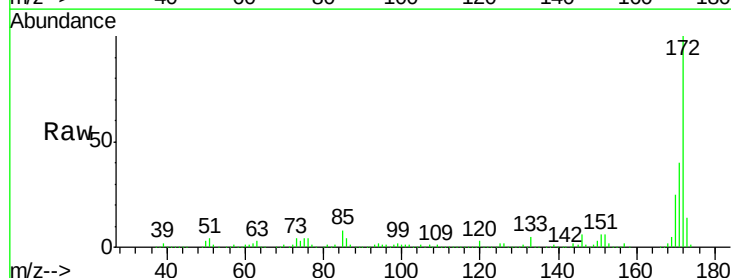
Tgt Ion:172 Resp: 1163236

Ion Ratio Lower Upper

172 100

171 40.2 31.0 46.4

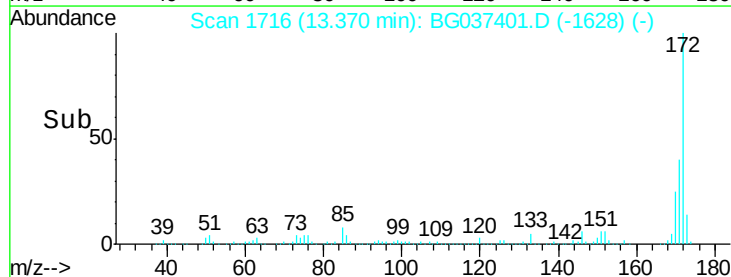
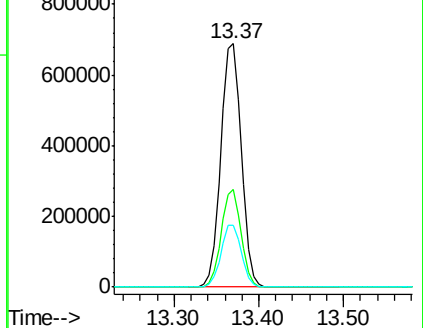
170 25.5 20.2 30.2

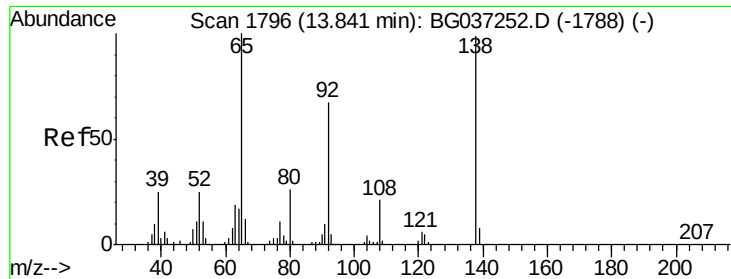


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 5.898 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.35 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

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ClientSampleId :

101518-TIPC-F-U-S

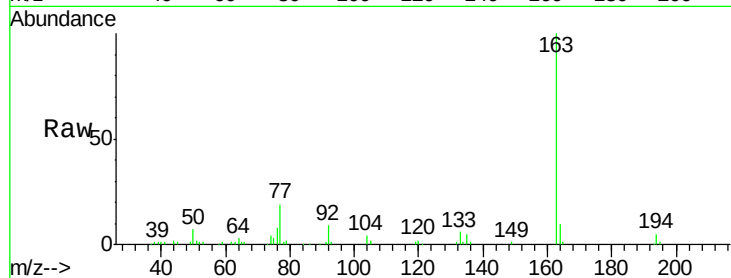
Tgt Ion: 65 Resp: 631

Ion Ratio Lower Upper

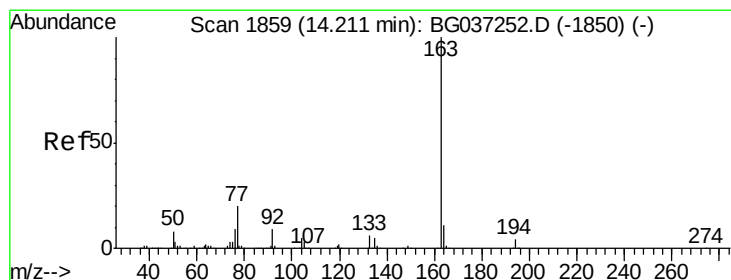
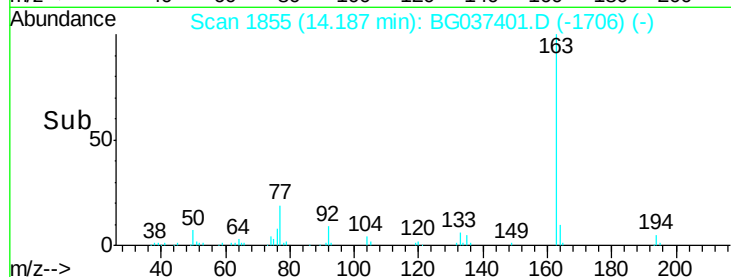
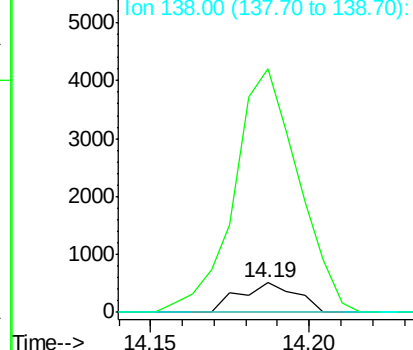
65 100

92 829.4 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: 3.875 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

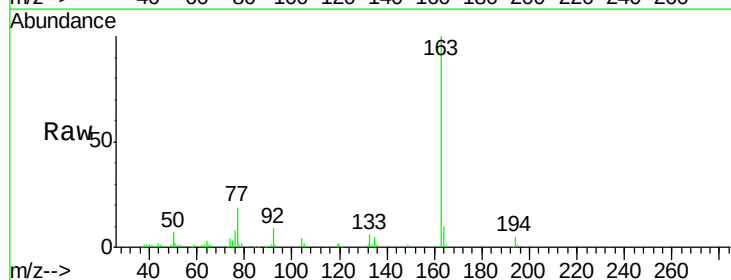
Tgt Ion:163 Resp: 70455

Ion Ratio Lower Upper

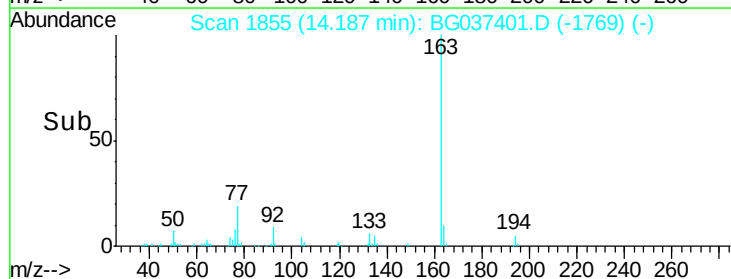
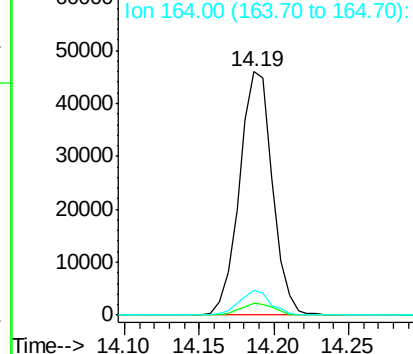
163 100

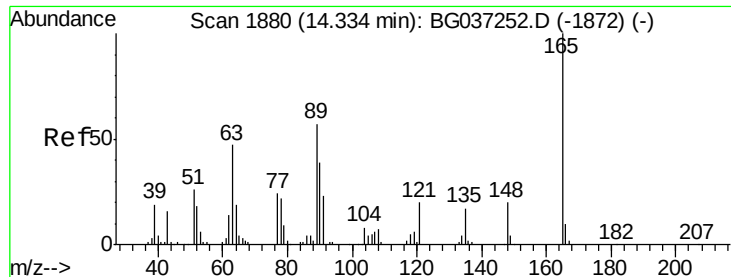
194 4.7 3.5 5.3

164 10.3 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

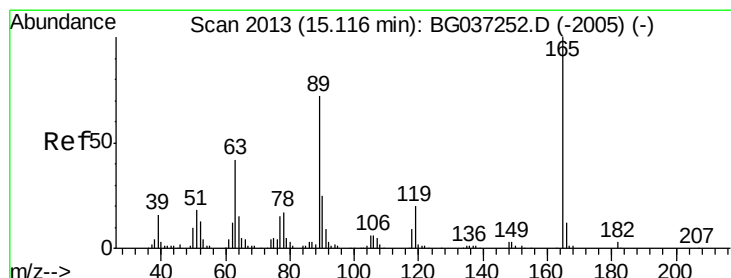
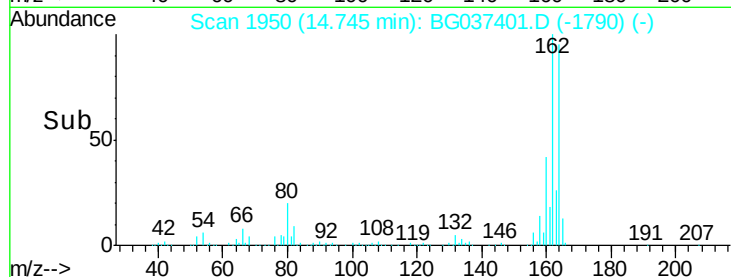
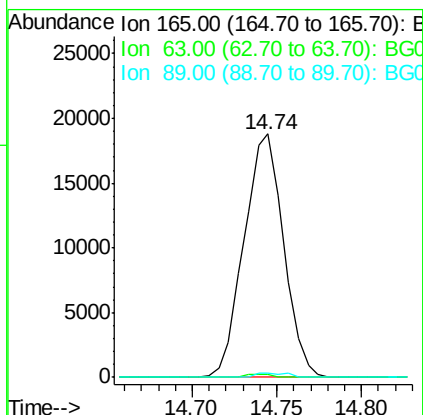
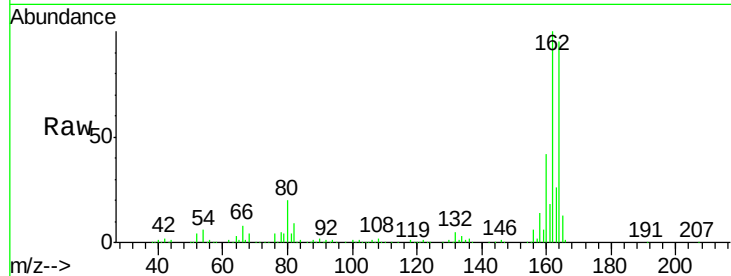




#51
 2,6-Dinitrotoluene
 Concen: 12.584 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

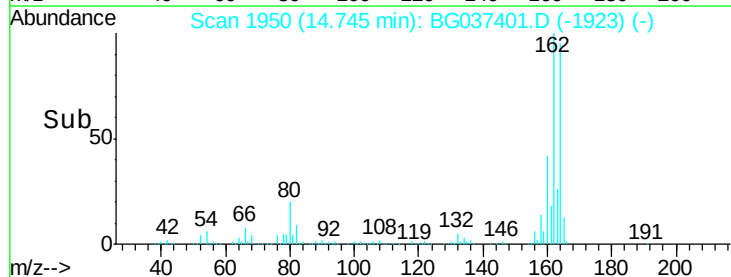
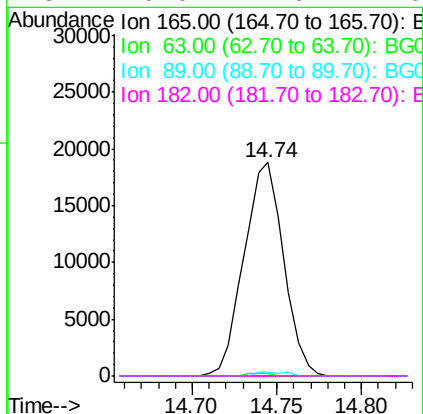
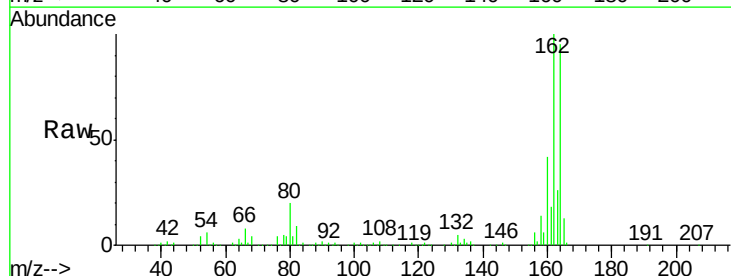
Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

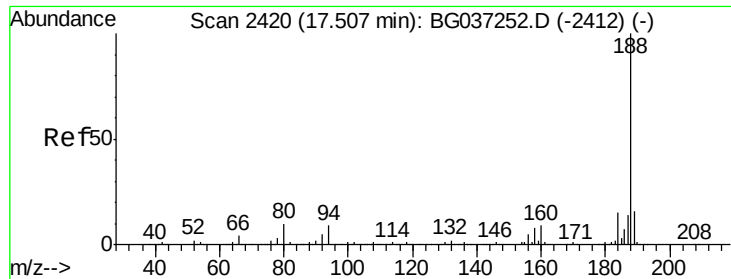
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	1.9	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.400 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#

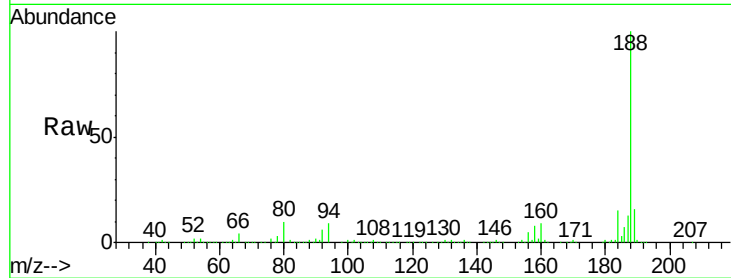




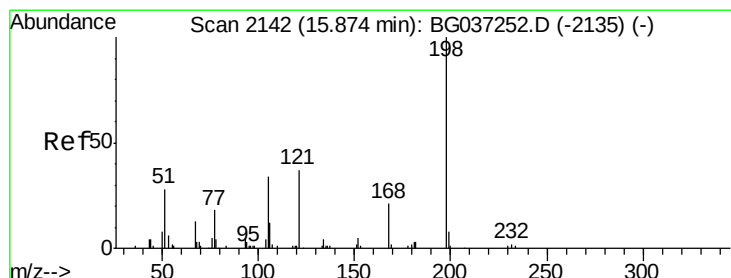
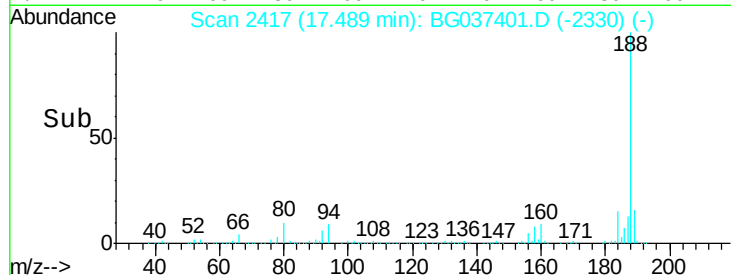
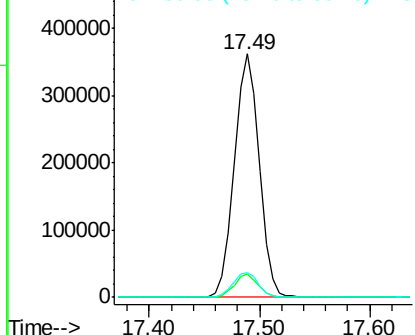
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

Tgt Ion:188 Resp: 574533
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 10.2 7.7 11.5

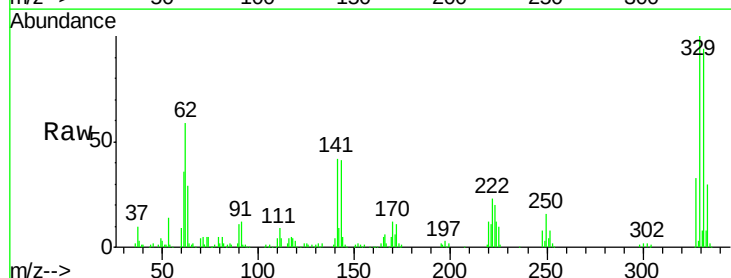


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

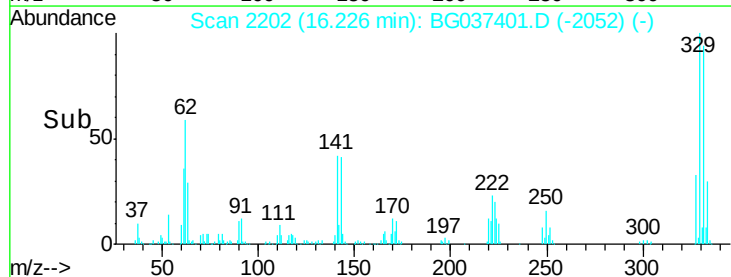
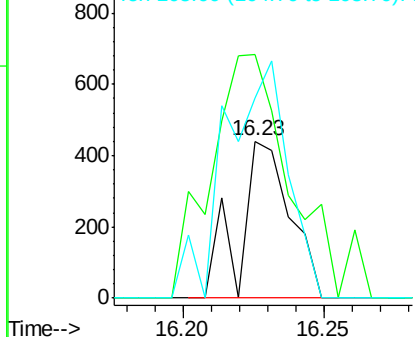


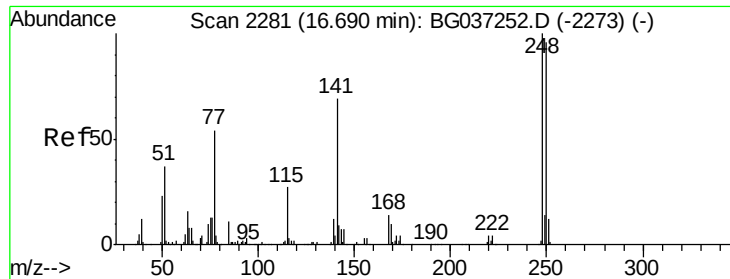
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.211 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.35 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Tgt Ion:198 Resp: 545
 Ion Ratio Lower Upper
 198 100
 51 25.4 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): BGC
 Ion 105.00 (104.70 to 105.70): E

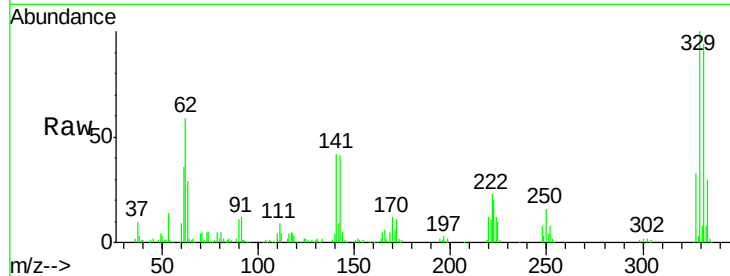




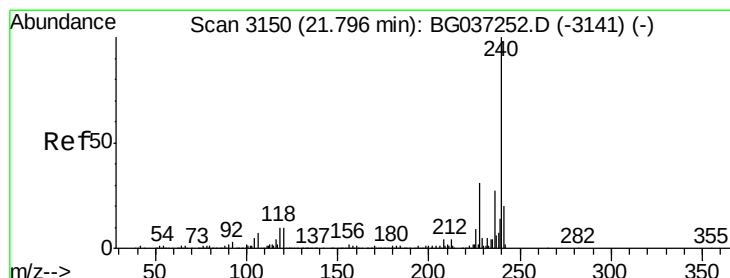
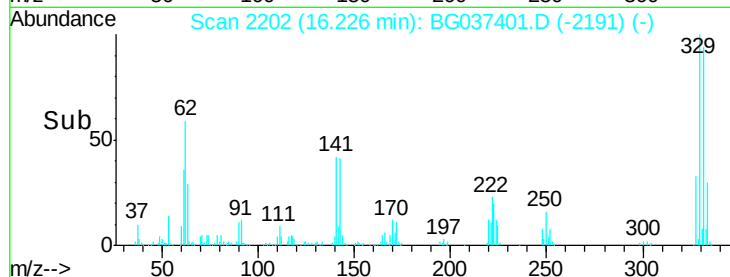
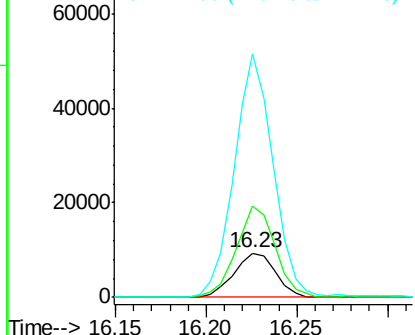
#67
 4-Bromophenyl-phenylether
 Concen: 2.385 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.46 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

Tgt Ion:248 Resp: 14786
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.0 115.6#
 141 408.8 55.5 83.3#

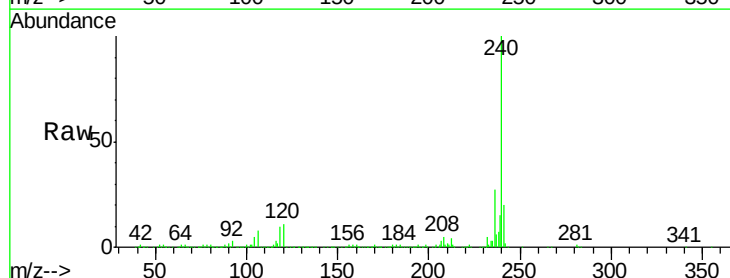


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

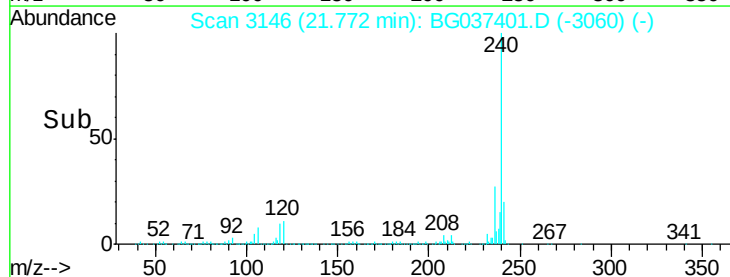
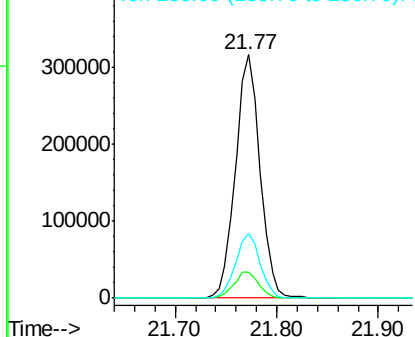


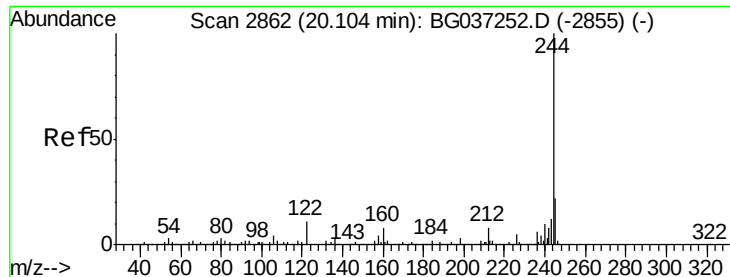
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Tgt Ion:240 Resp: 531918
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 26.5 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: 66.054 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

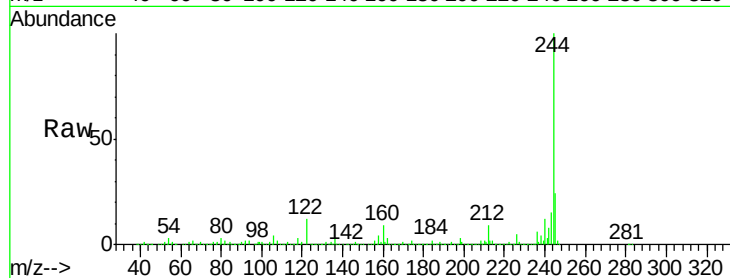
Tgt Ion:244 Resp: 1673303

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

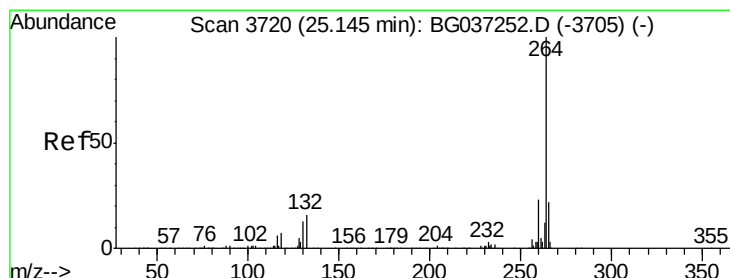
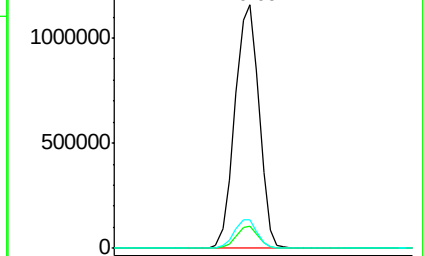
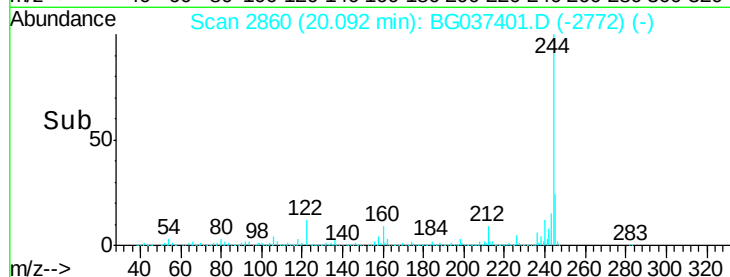
122 11.8 9.0 13.4



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: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

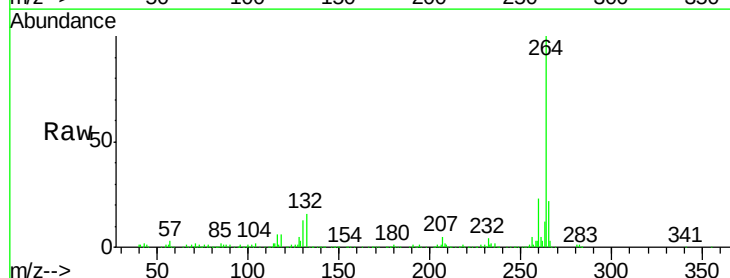
Tgt Ion:264 Resp: 538370

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.9 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

