

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037657.D
 Acq On : 30 Oct 2018 17:19
 Operator : JU/SJ
 Sample : J5692-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Quant Time: Oct 31 08:01:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

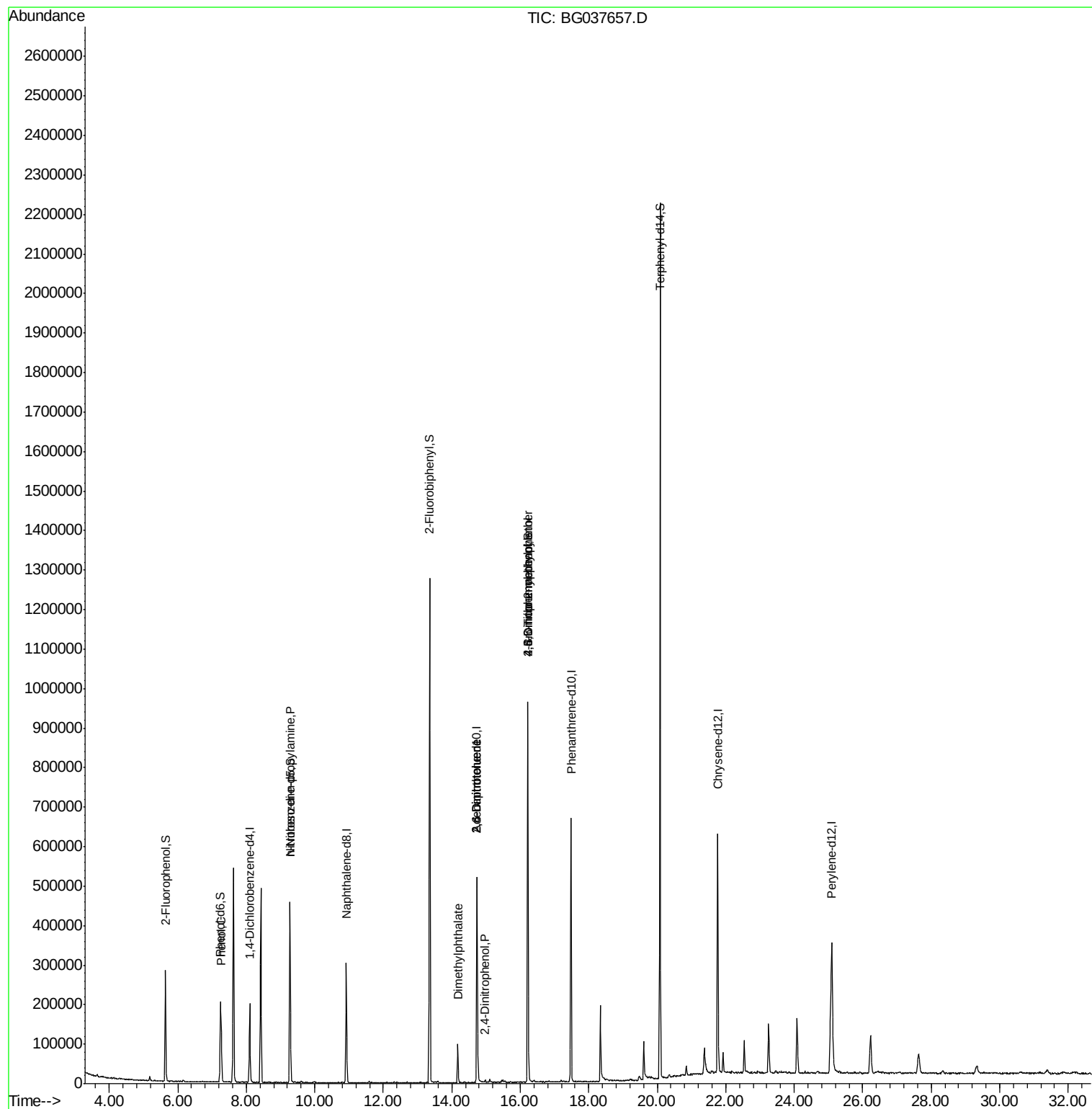
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60377	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	271741	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	185835	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	440612	20.00	ng	0.00
76) Chrysene-d12	21.77	240	391526	20.00	ng	0.00
87) Perylene-d12	25.10	264	401945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134550	37.26	ng	0.00
7) Phenol-d6	7.24	99	124630	22.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	288669	59.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	176878	87.27	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	710096	57.62	ng	0.00
79) Terphenyl-d14	20.08	244	1054867	57.57	ng	0.00
Target Compounds						
10) Phenol	7.27	94	98982	17.179	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.27	70	35461	9.430	ng	# 75
50) Dimethylphthalate	14.17	163	69602	4.841	ng	98
51) 2,6-Dinitrotoluene	14.73	165	24159	7.596	ng	# 26
54) 2,4-Dinitrophenol	14.97	184	64	6.193	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	24159	5.787	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	595	8.719	ng	90
67) 4-Bromophenyl-phenylether	16.22	248	13154	2.719	ng	# 1

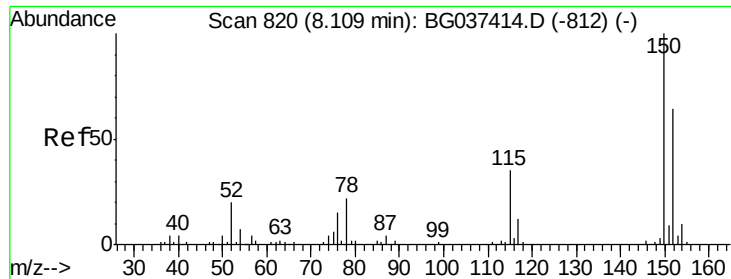
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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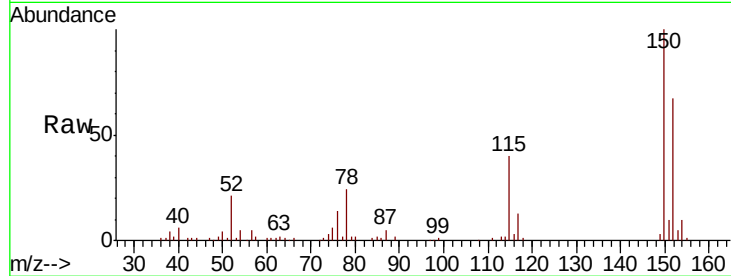


#1

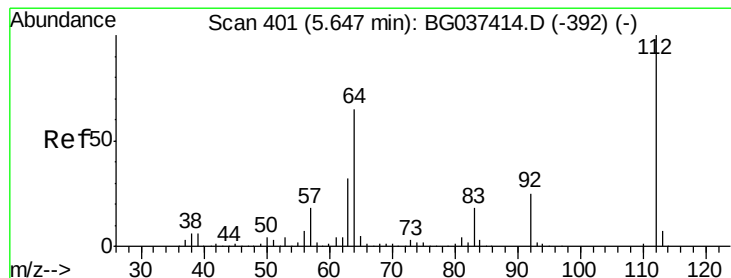
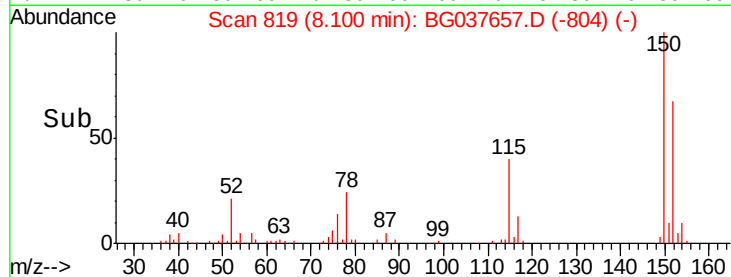
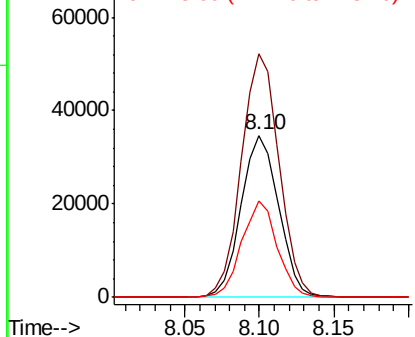
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:152 Resp: 60377
Ion Ratio Lower Upper
152 100
150 150.3 126.0 189.0
115 59.6 45.5 68.3



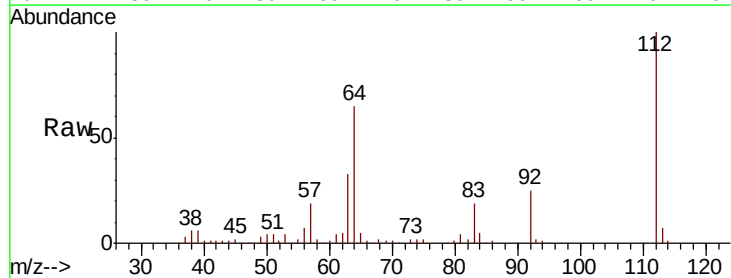
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



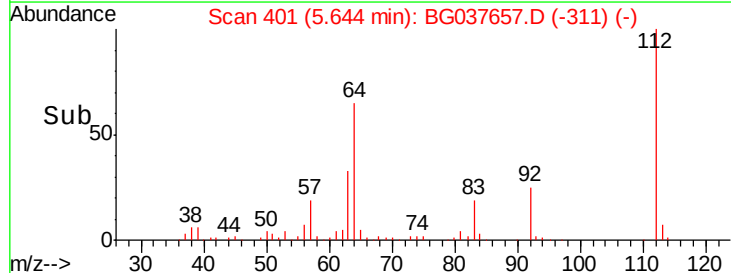
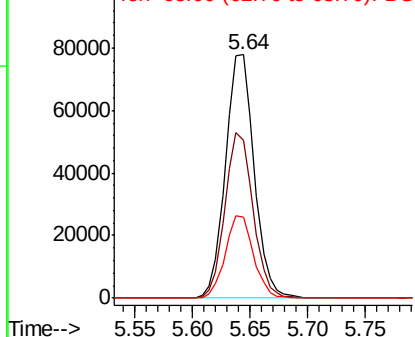
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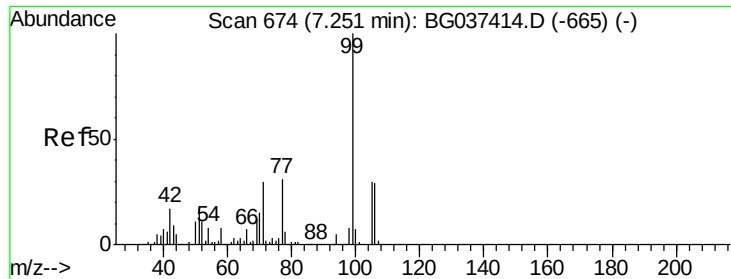
2-Fluorophenol
Concen: 37.257 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:112 Resp: 134550
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 33.2 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: 22.822 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

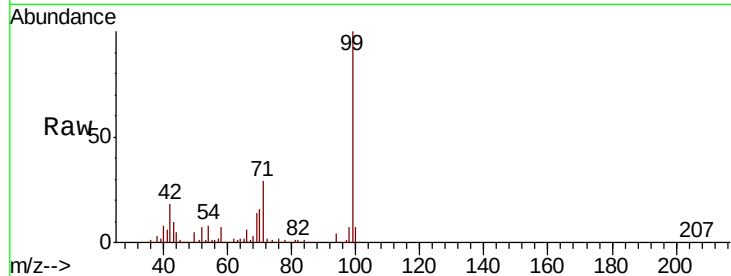
Tgt Ion: 99 Resp: 124630

Ion Ratio Lower Upper

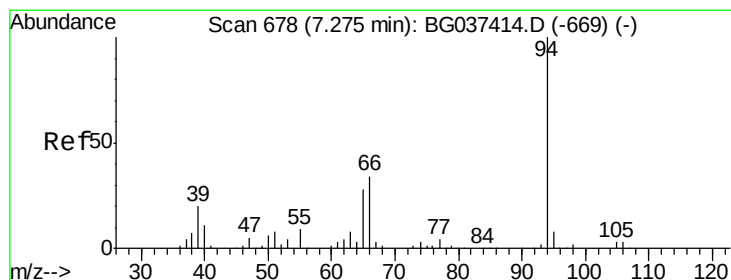
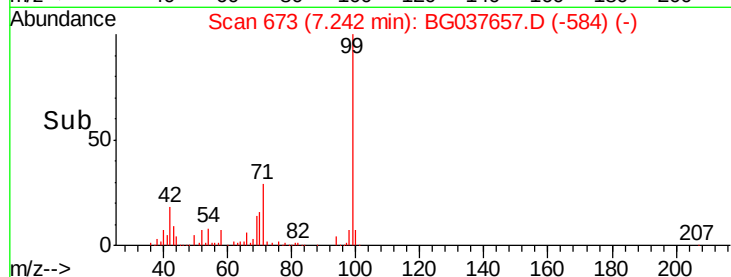
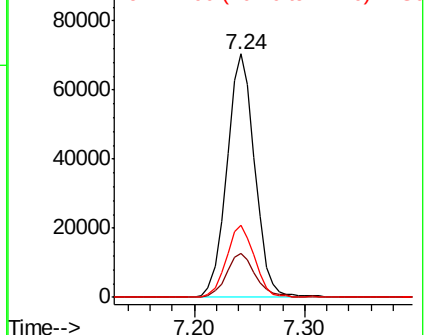
99 100

42 17.8 15.0 22.4

71 29.5 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: 17.179 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

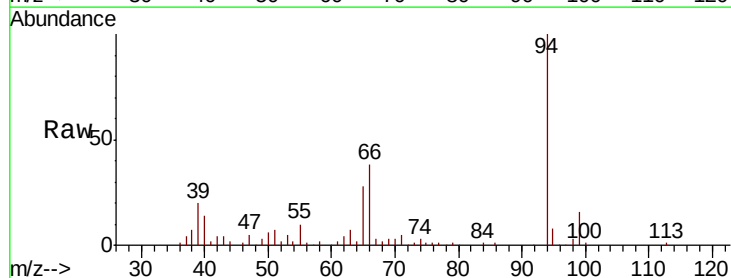
Tgt Ion: 94 Resp: 98982

Ion Ratio Lower Upper

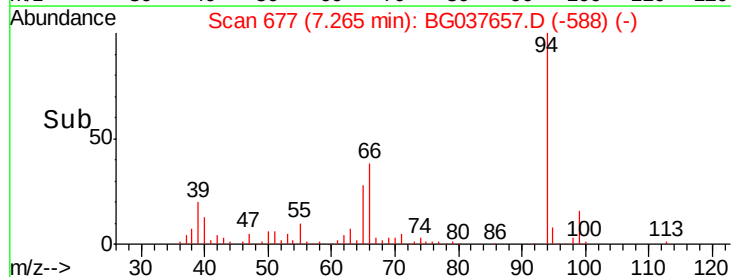
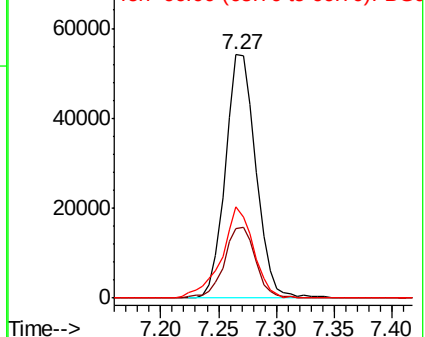
94 100

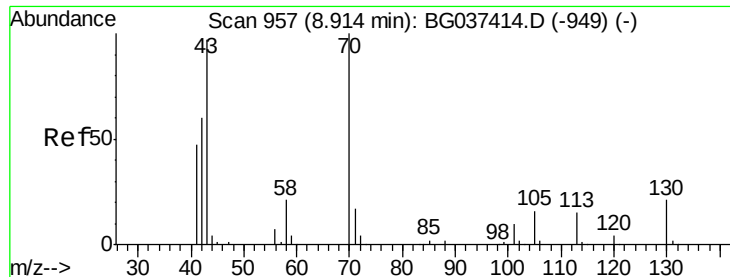
65 28.3 9.7 49.7

66 37.6 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

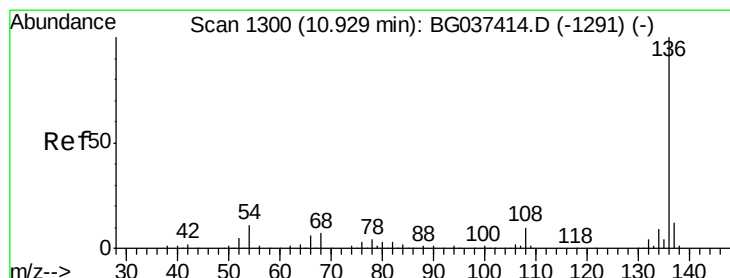
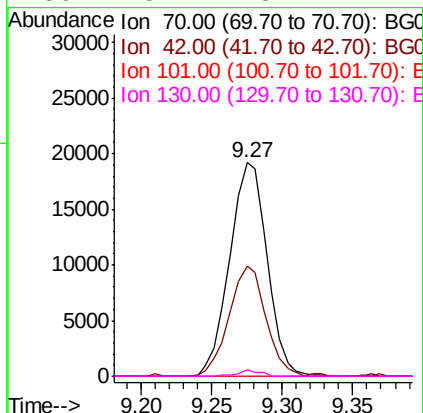
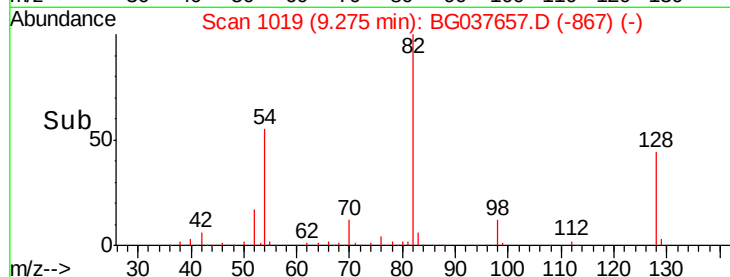
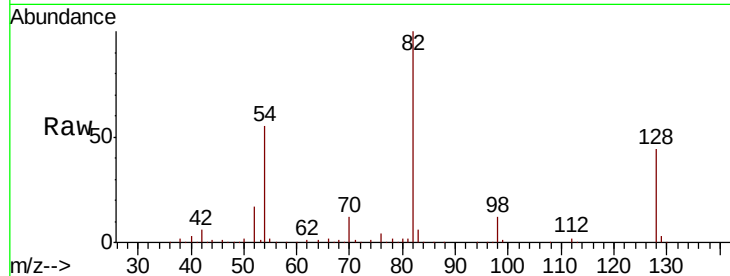




#19
n-Nitroso-di-n-propylamine
Concen: 9.430 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

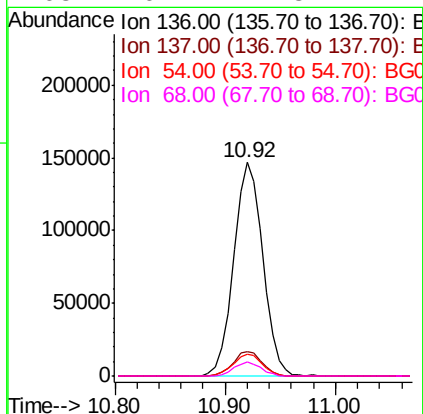
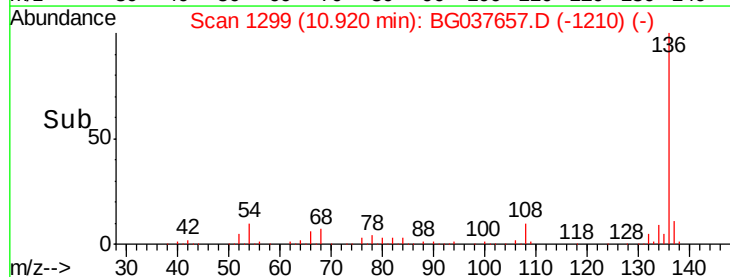
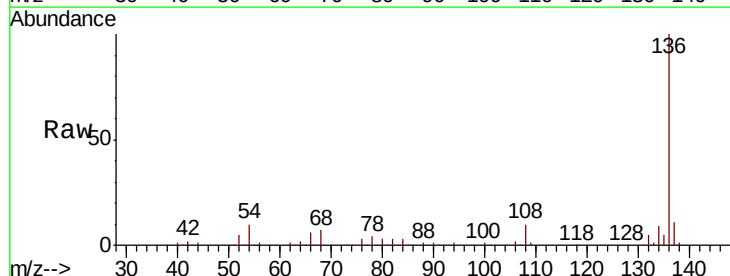
Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

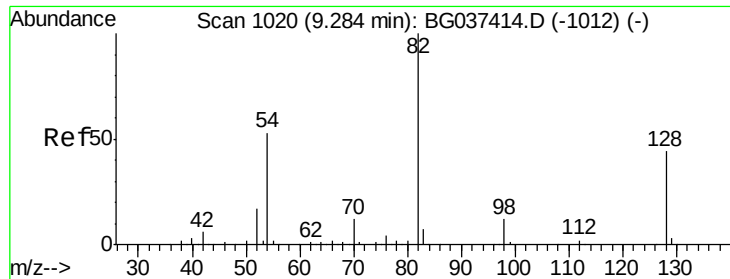
Tgt Ion: 70 Resp: 35461
Ion Ratio Lower Upper
70 100
42 51.6 53.9 80.9#
101 0.0 8.2 12.2#
130 3.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion: 136 Resp: 271741
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.5 7.9 11.9
68 6.7 4.8 7.2

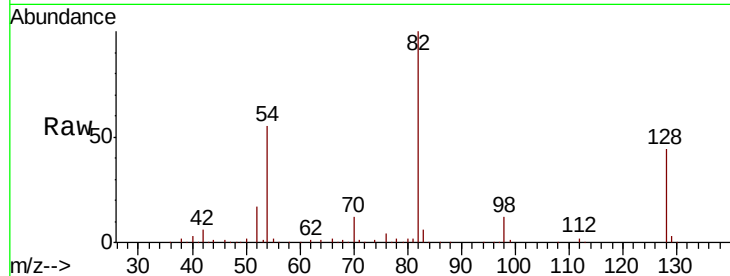




#23
 Nitrobenzene-d5
 Concen: 59.509 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	54.7	45.3	67.9

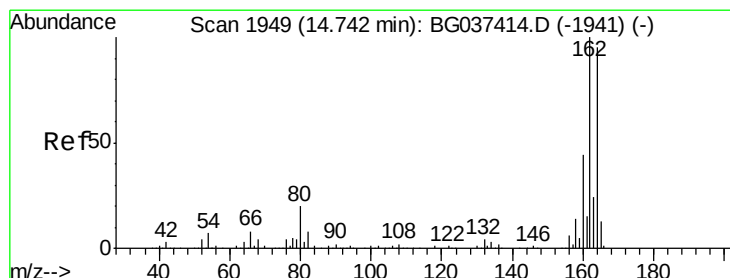
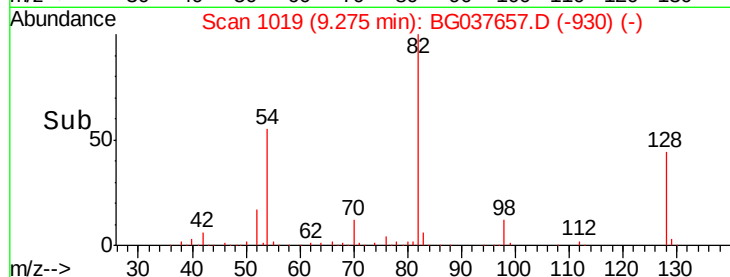
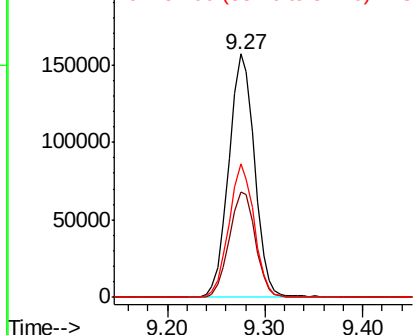


Abundance

Ion 82.00 (81.70 to 82.70): BGC

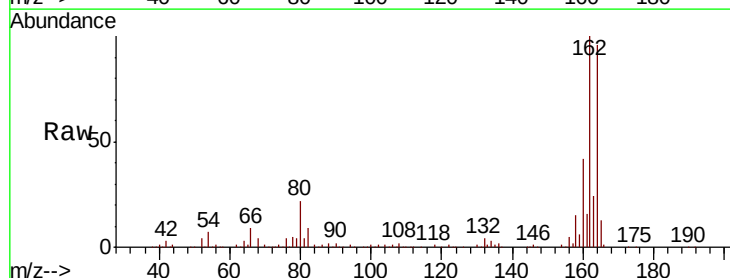
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	44.4	36.3	54.5

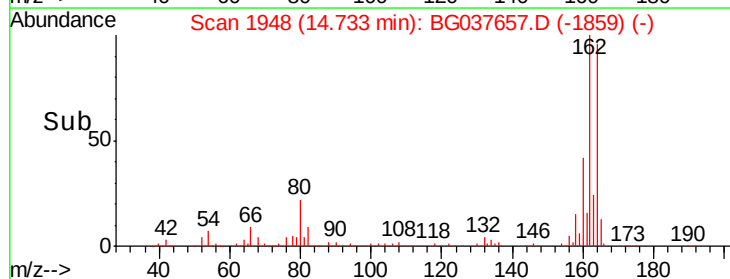
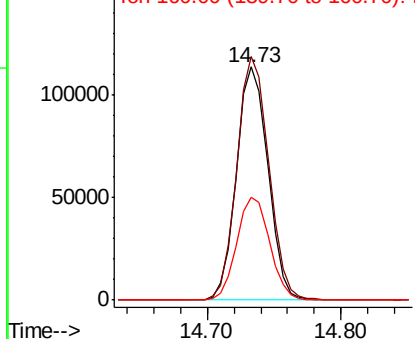


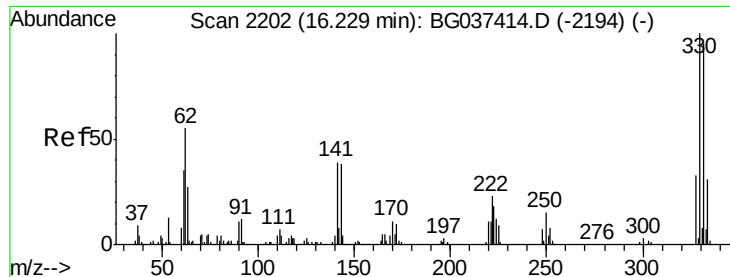
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

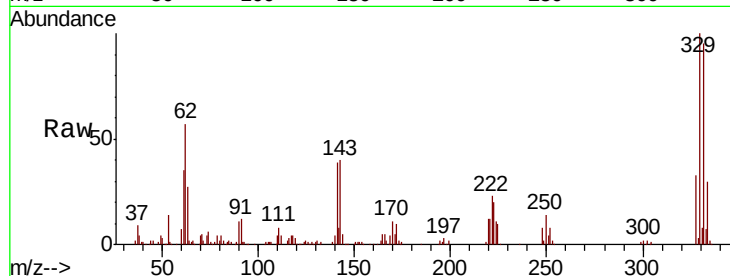




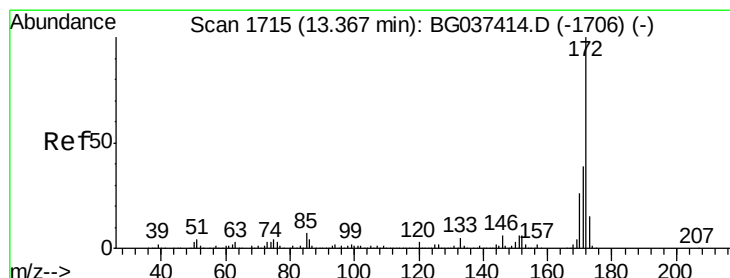
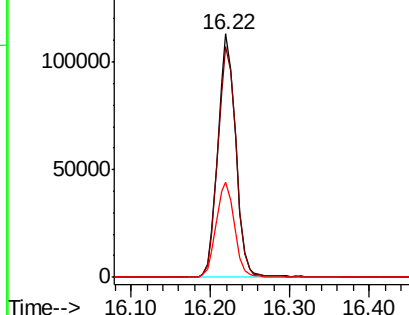
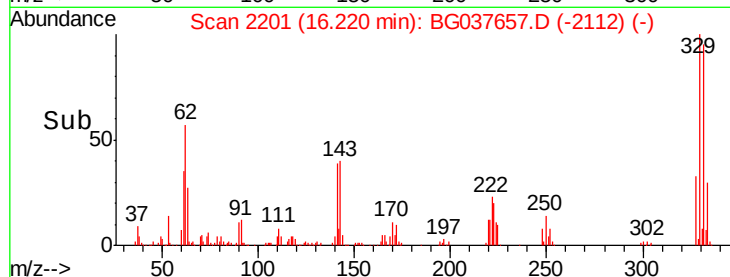
#42
 2,4,6-Tribromophenol
 Concen: 87.266 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Tgt Ion: 330 Resp: 176878
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.4 117.6
 141 40.1 32.2 48.2

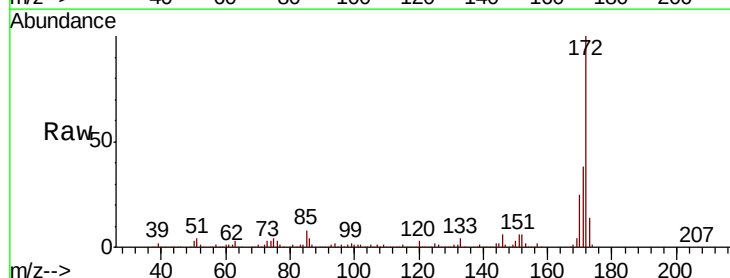


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

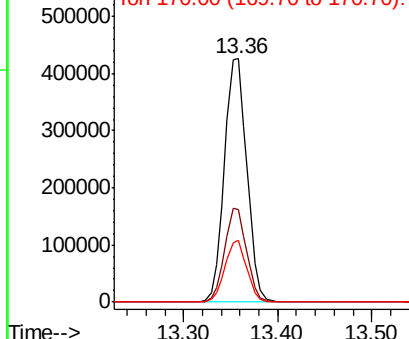
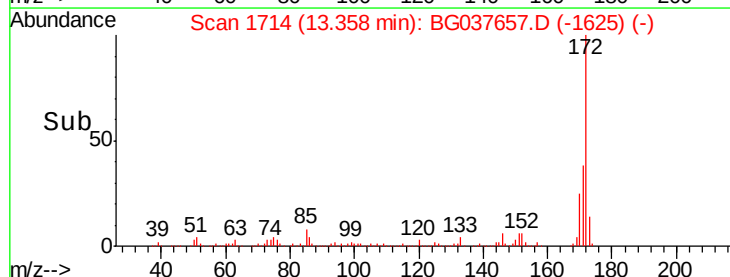


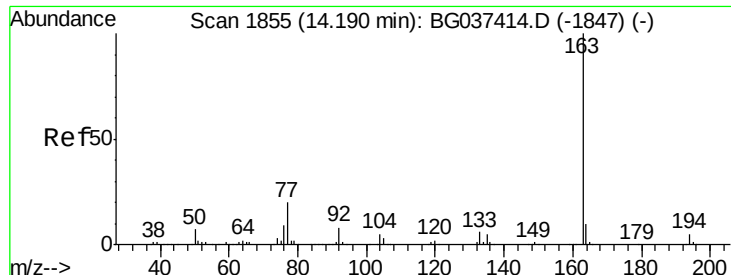
#45
 2-Fluorobiphenyl
 Concen: 57.620 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Tgt Ion: 172 Resp: 710096
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 25.3 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





#50

Dimethylphthalate

Concen: 4.841 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

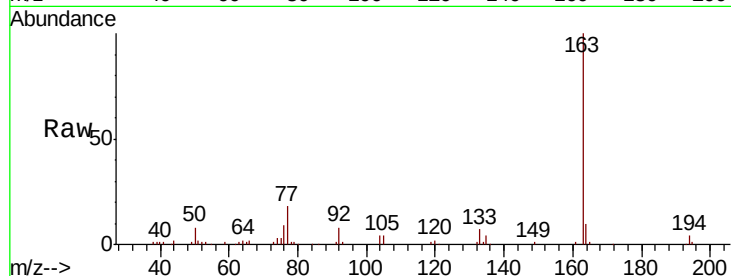
Tgt Ion:163 Resp: 69602

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

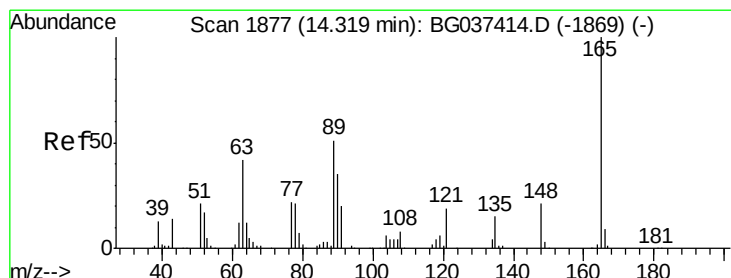
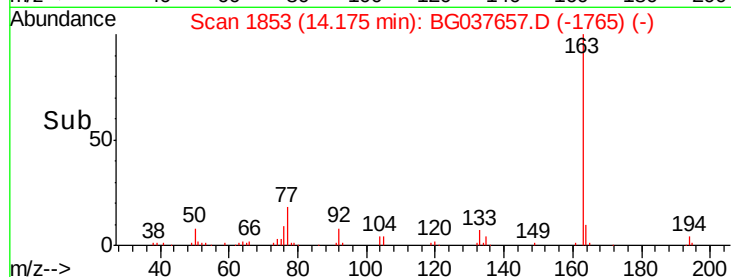
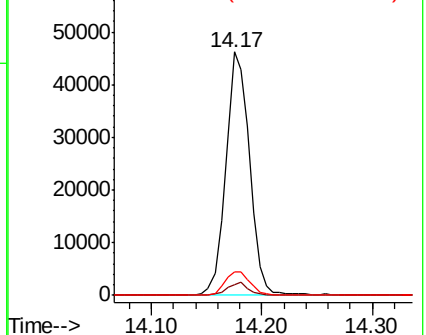
164 9.9 8.5 12.7



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: 7.596 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.41 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

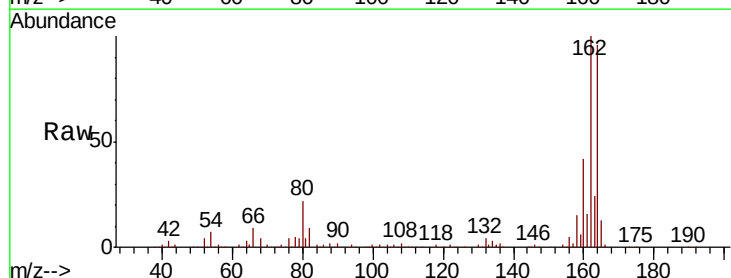
Tgt Ion:165 Resp: 24159

Ion Ratio Lower Upper

165 100

63 2.3 43.4 65.2#

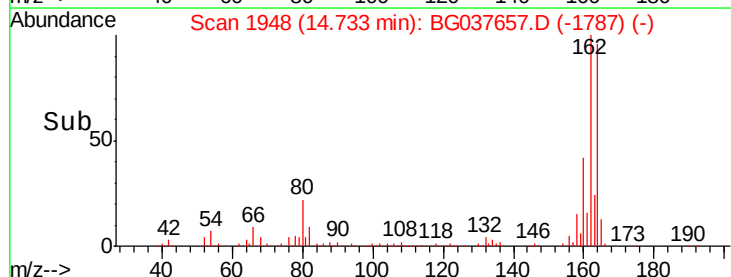
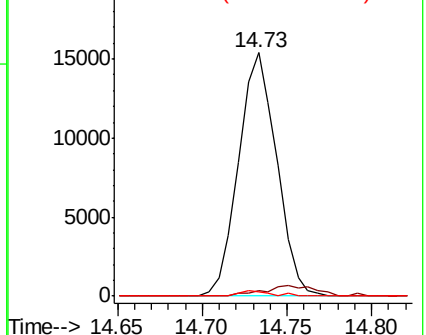
89 1.6 45.8 68.6#

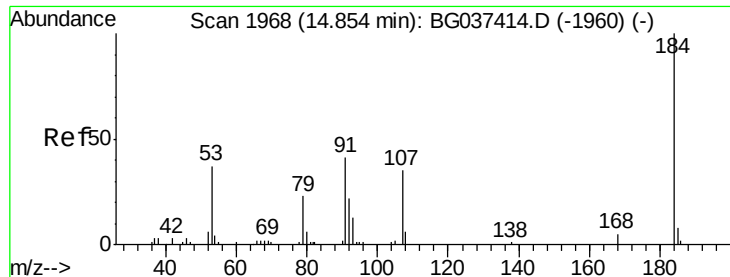


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

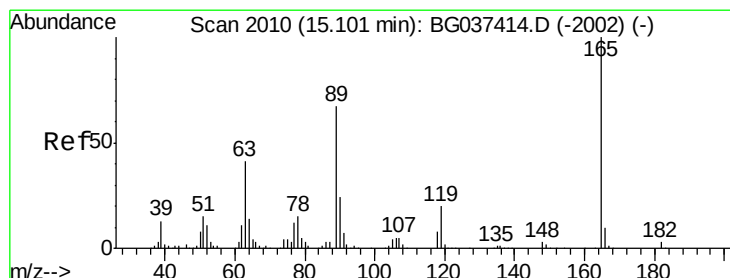
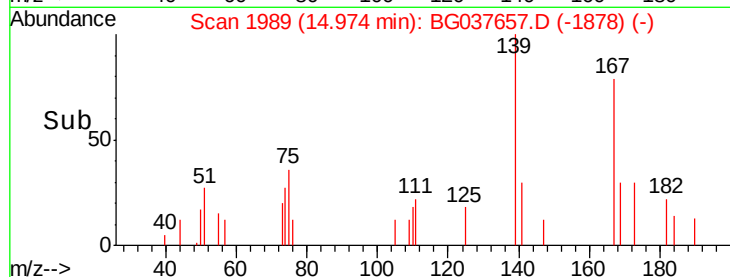
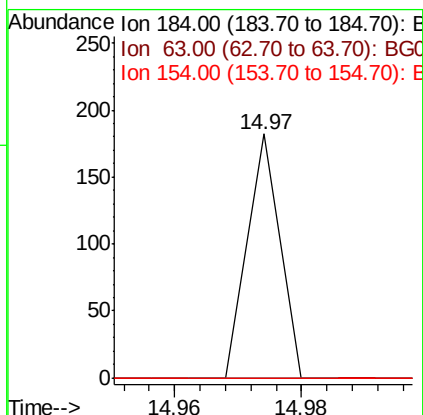
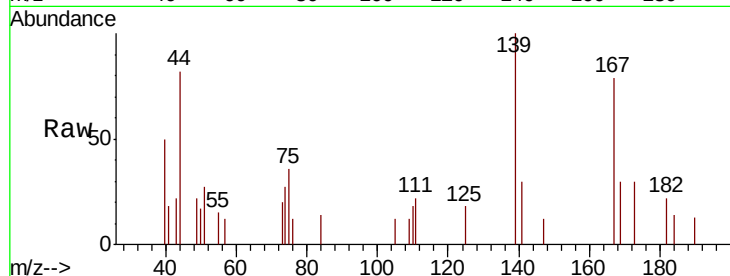




#54
 2,4-Dinitrophenol
 Concen: 6.193 ng
 RT: 14.97 min Scan# 1989
 Delta R.T. 0.12 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

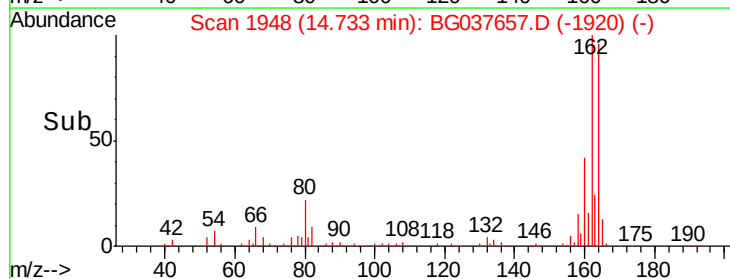
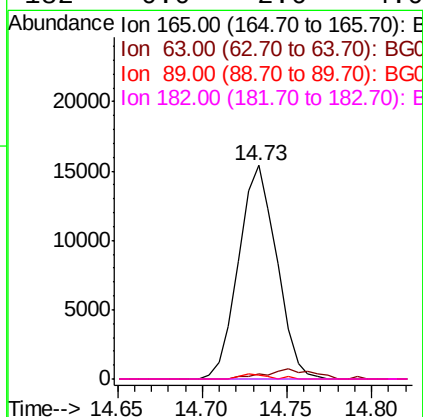
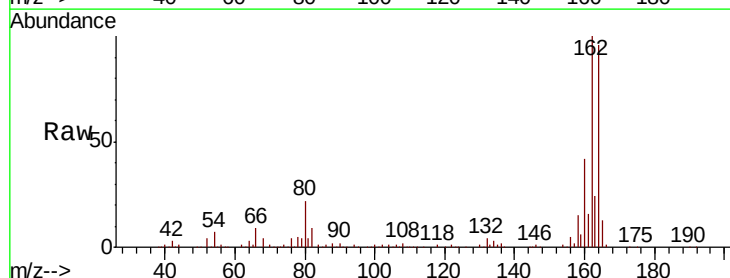
Instrument :
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 ClientSampleId :
 CAL-IDW-20181025

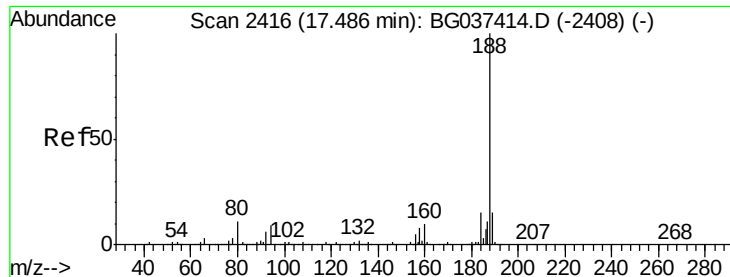
Tgt Ion:184 Resp: 64
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.6 63.8#
 154 0.0 41.8 62.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.787 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Tgt Ion:165 Resp: 24159
 Ion Ratio Lower Upper
 165 100
 63 2.3 33.4 50.0#
 89 1.6 57.2 85.8#
 182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

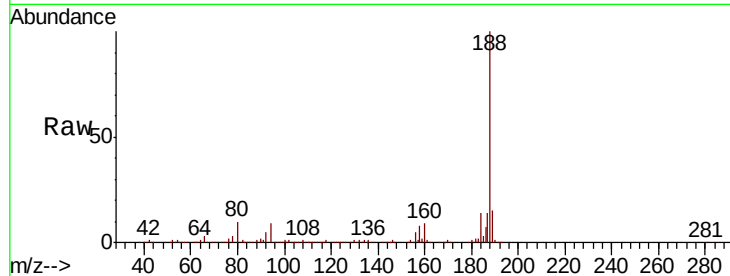
Tgt Ion:188 Resp: 440612

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

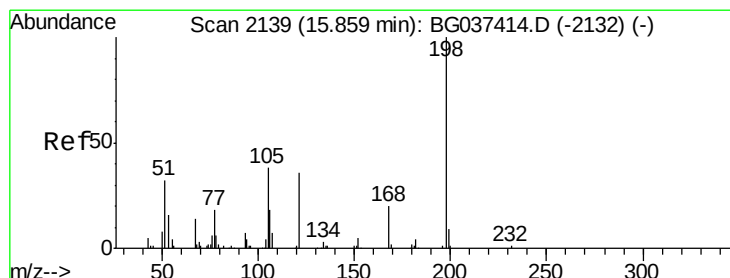
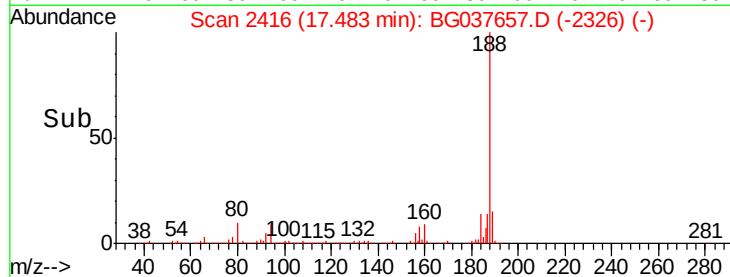
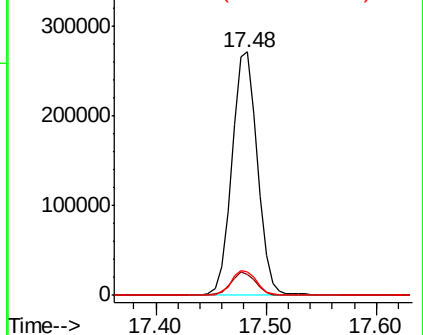
80 9.8 7.7 11.5



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: 8.719 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

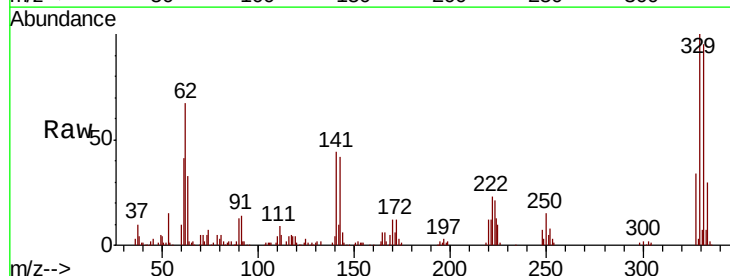
Tgt Ion:198 Resp: 595

Ion Ratio Lower Upper

198 100

51 34.0 22.7 62.7

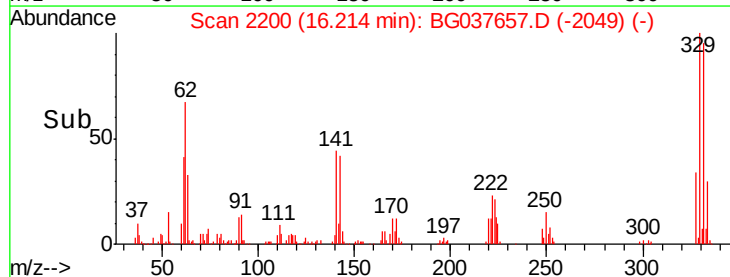
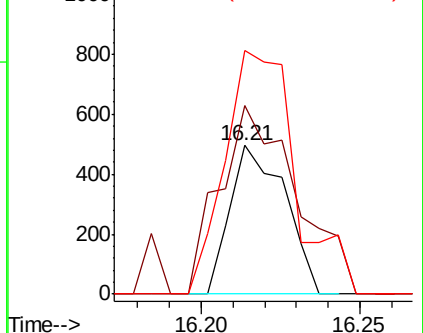
105 43.7 19.7 59.7

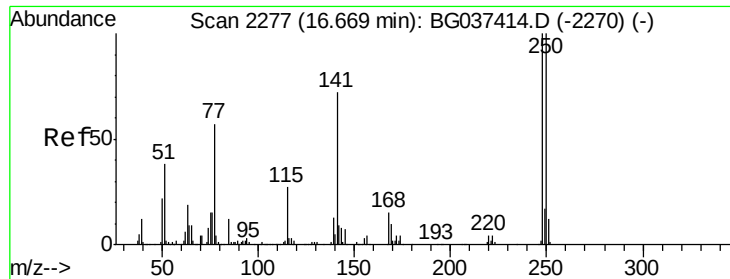


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

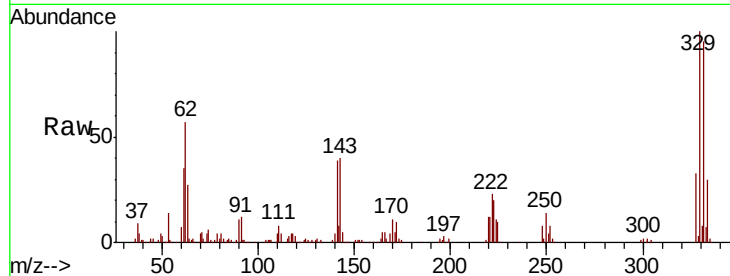




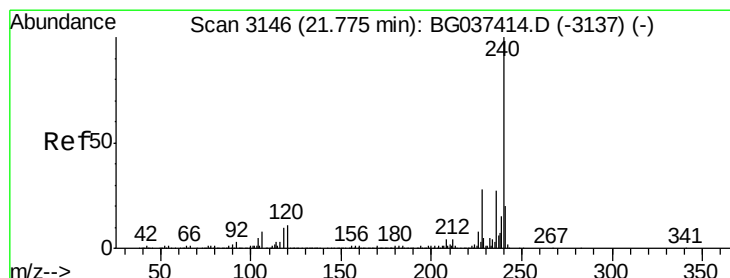
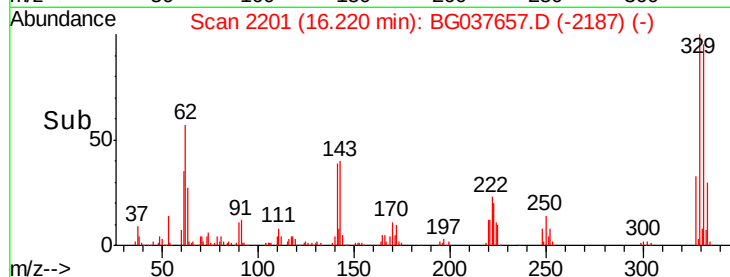
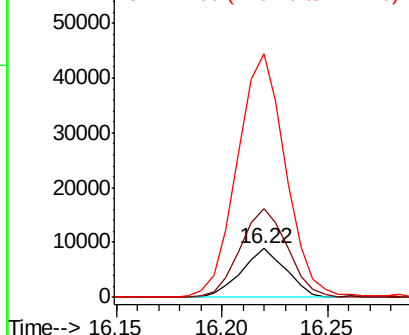
#67
 4-Bromophenyl-phenylether
 Concen: 2.719 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Tgt Ion:248 Resp: 13154
 Ion Ratio Lower Upper
 248 100
 250 183.0 77.0 115.6#
 141 389.0 55.5 83.3#

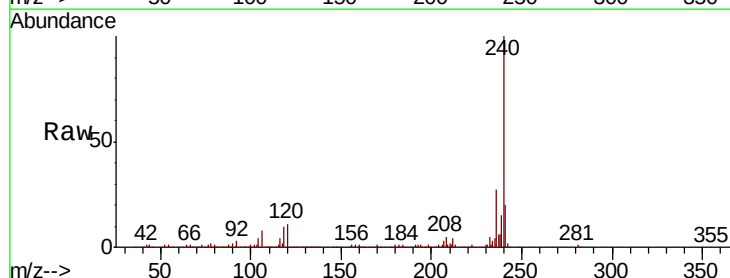


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

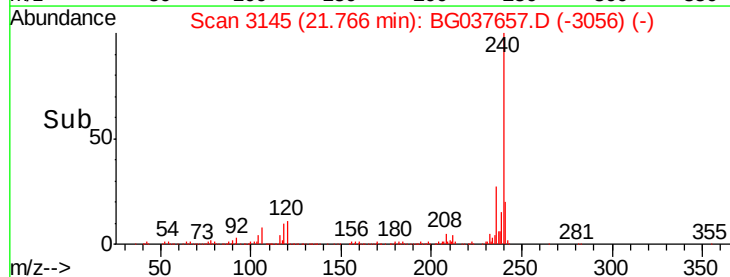
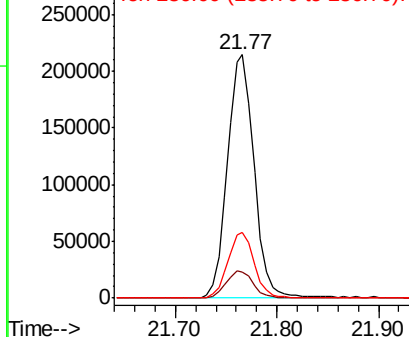


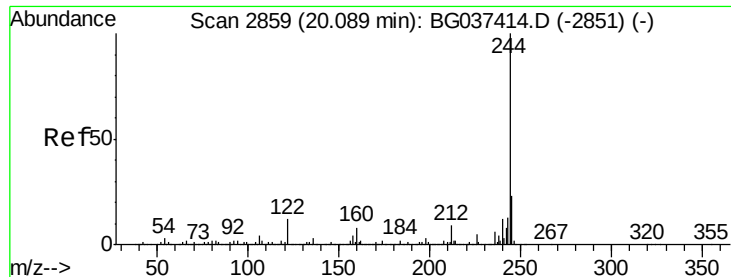
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Tgt Ion:240 Resp: 391526
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 27.1 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: 57.570 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

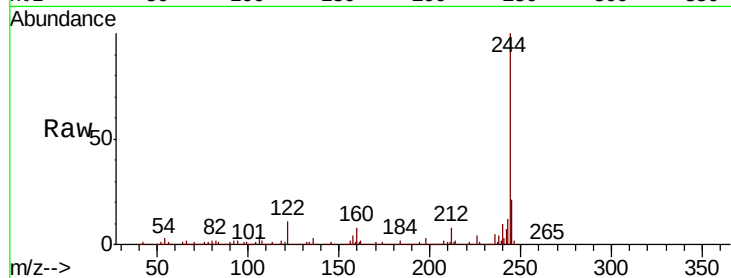
Tgt Ion:244 Resp: 1054867

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

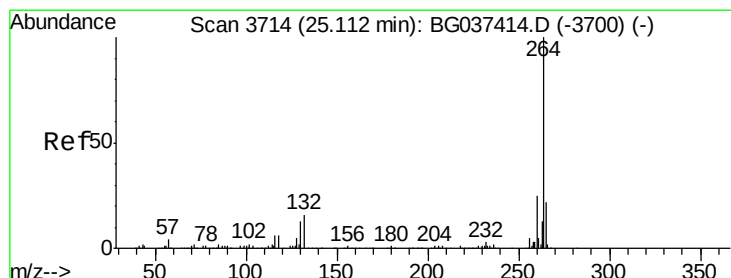
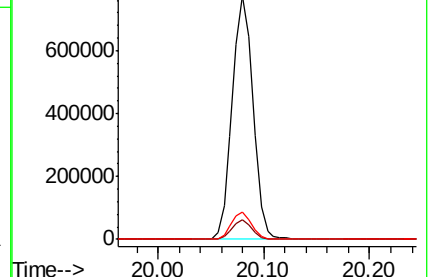
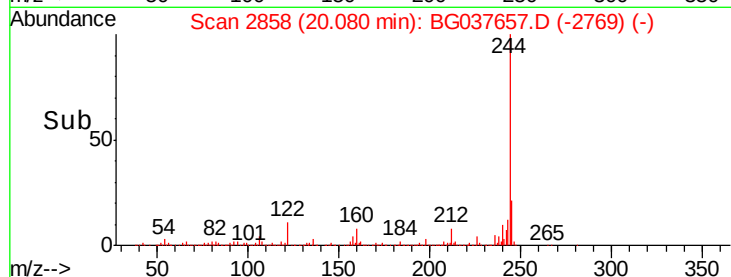
122 11.1 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

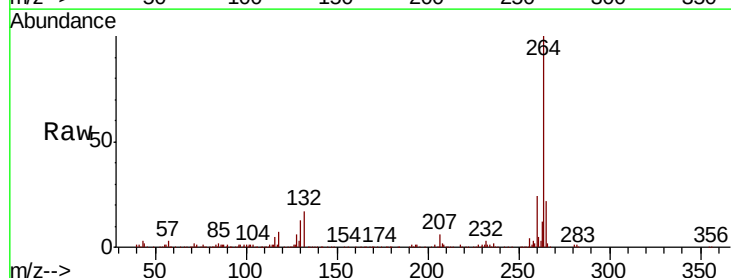
Tgt Ion:264 Resp: 401945

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.5 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

