

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037273.D
 Acq On : 12 Oct 2018 1:12
 Operator : JU/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

Quant Time: Oct 12 06:52:42 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

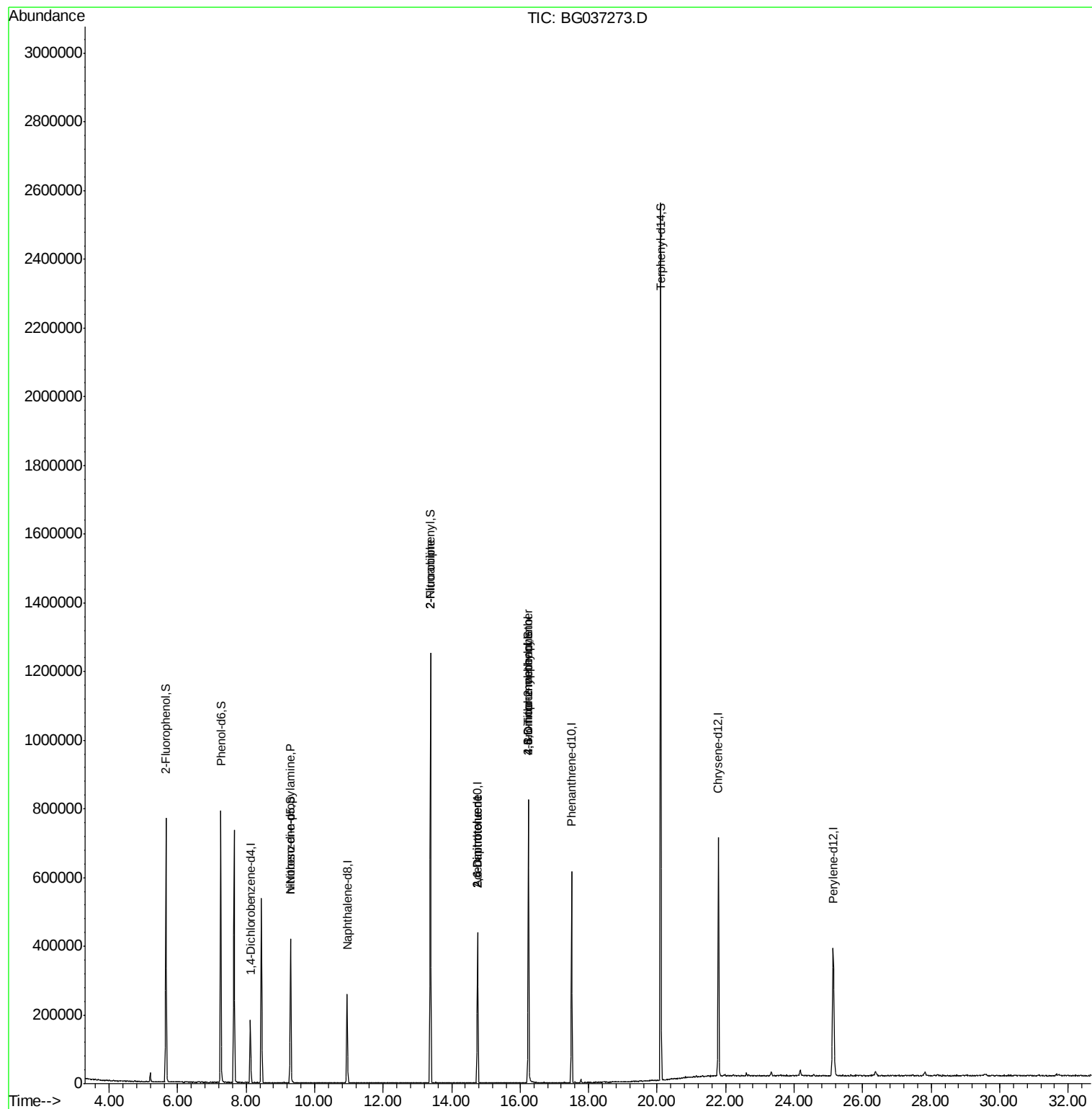
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53614	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	231921	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	153123	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	407566	20.00	ng	0.00
76) Chrysene-d12	21.79	240	421620	20.00	ng	0.00
87) Perylene-d12	25.14	264	416157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	345804	113.51	ng	0.00
7) Phenol-d6	7.26	99	489188	105.79	ng	0.00
23) Nitrobenzene-d5	9.30	82	255786	72.51	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	152108	101.29	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	680164	66.71	ng	0.00
79) Terphenyl-d14	20.11	244	1245051	62.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	32863	9.387	ng	# 77
48) 2-Nitroaniline	13.38	65	969	6.086	ng	# 13
51) 2,6-Dinitrotoluene	14.75	165	20136	12.562	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	20136	11.383	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	506	6.293	ng	87
67) 4-Bromophenyl-phenylether	16.24	248	11272	2.563	ng	# 1

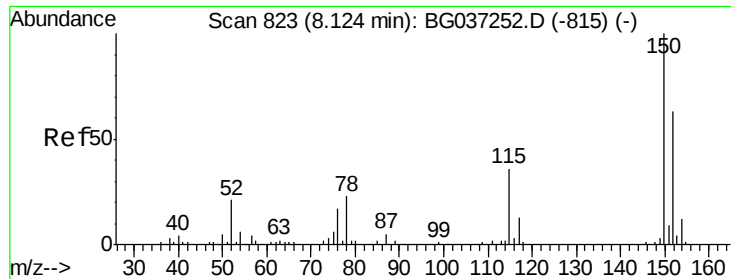
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
Data File : BG037273.D
Acq On : 12 Oct 2018 1:12
Operator : JU/SJ
Sample : PB113698BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Quant Time: Oct 12 06:52:42 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



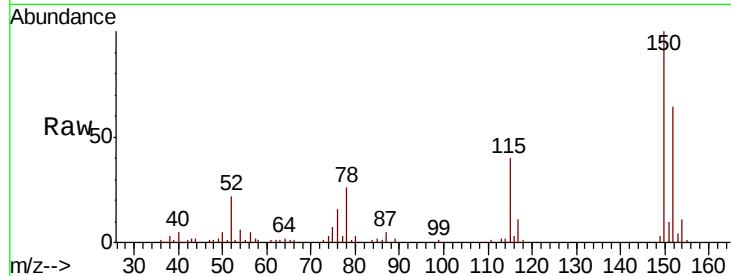


#1

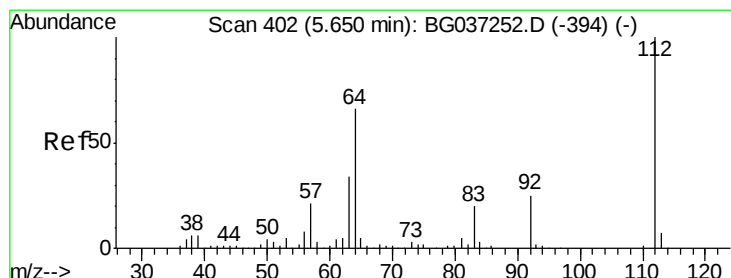
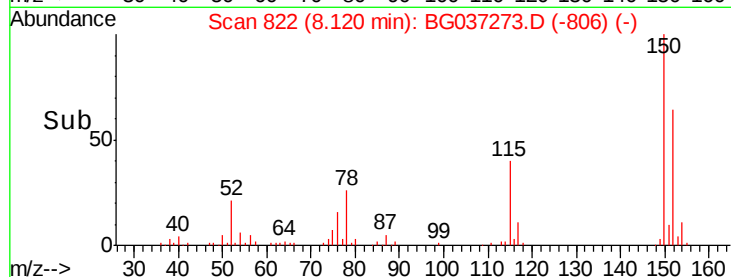
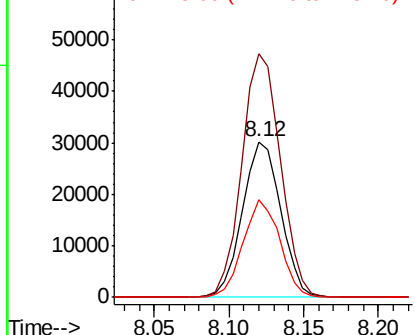
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:152 Resp: 53614
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 62.5 45.5 68.3



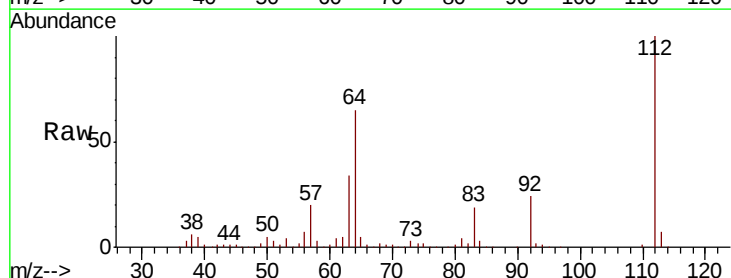
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



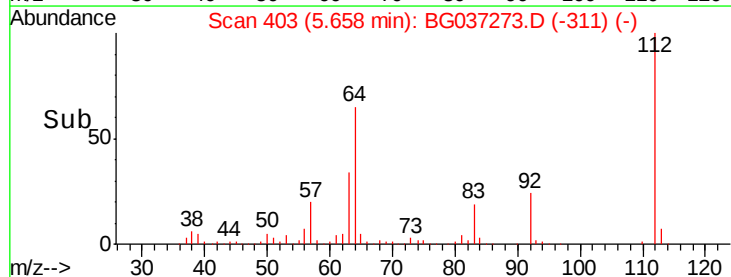
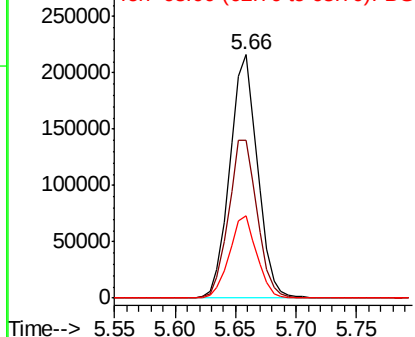
#5

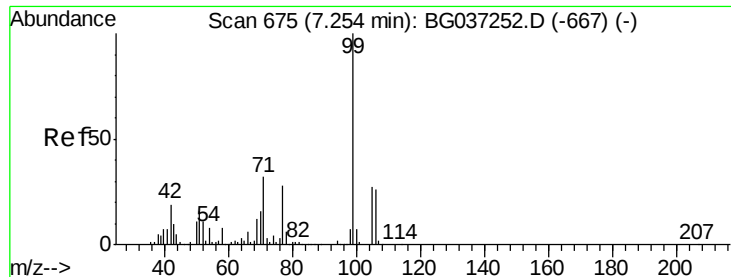
2-Fluorophenol
Concen: 113.512 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Tgt Ion:112 Resp: 345804
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.7 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: 105.794 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB113698BL

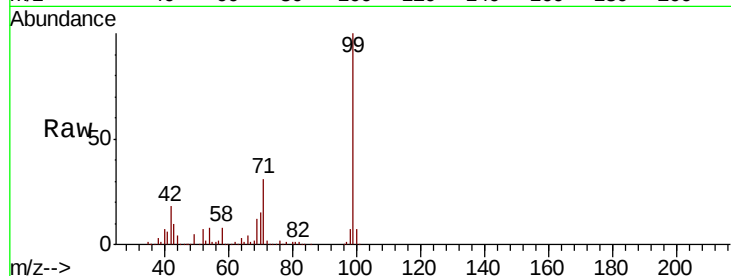
Tgt Ion: 99 Resp: 489188

Ion Ratio Lower Upper

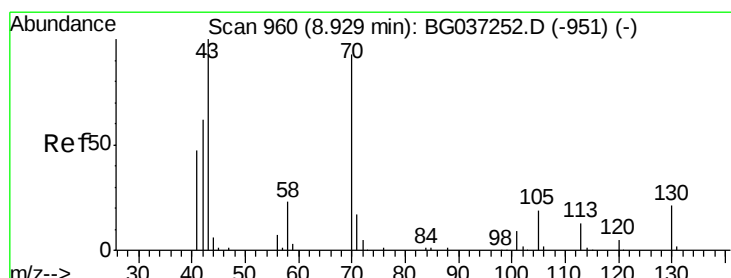
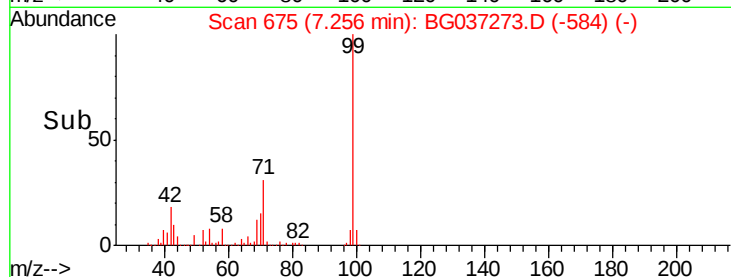
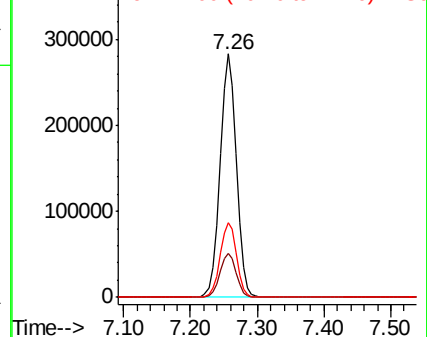
99 100

42 18.0 15.0 22.4

71 30.8 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: 9.387 ng

RT: 9.30 min Scan# 1022

Delta R.T. 0.37 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

Tgt Ion: 70 Resp: 32863

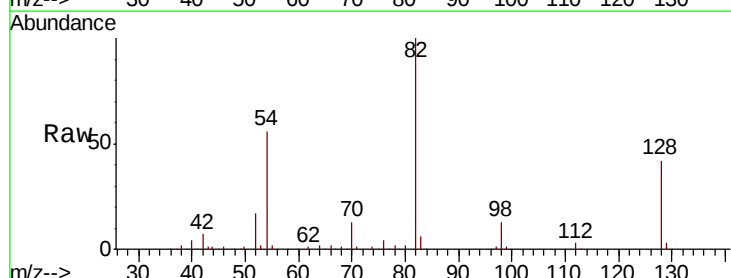
Ion Ratio Lower Upper

70 100

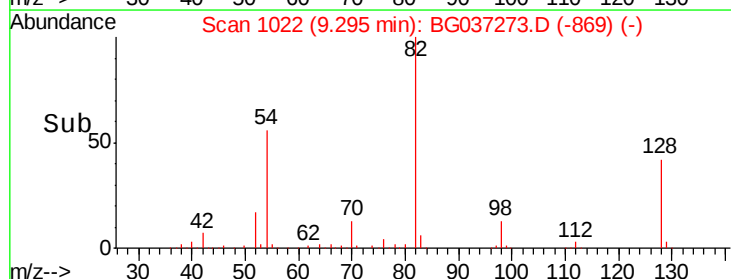
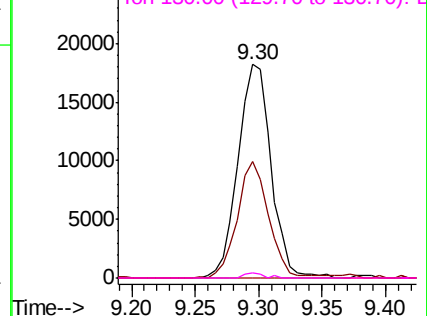
42 54.3 53.9 80.9

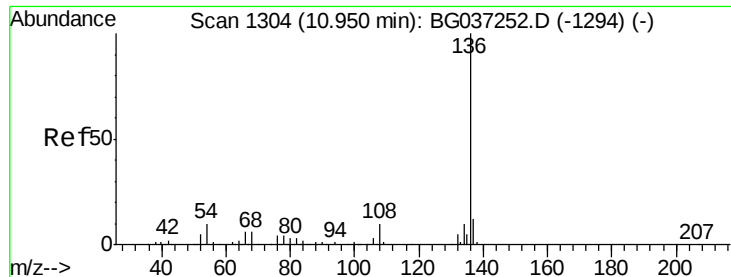
101 0.0 8.2 12.2#

130 2.5 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

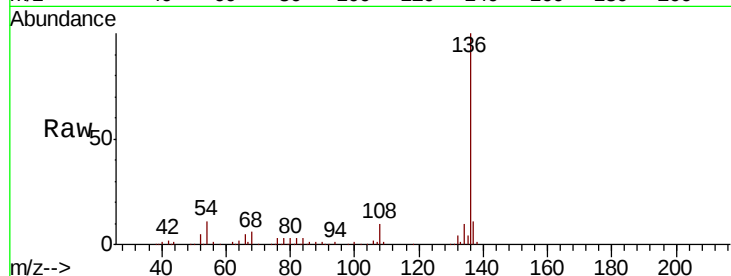




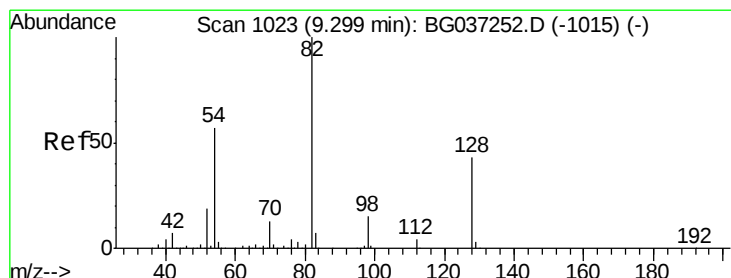
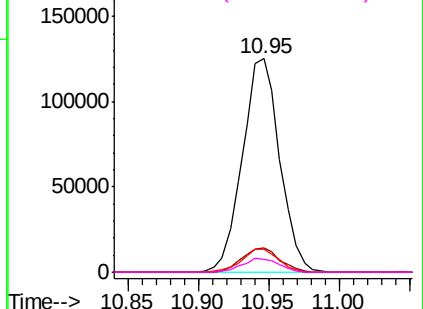
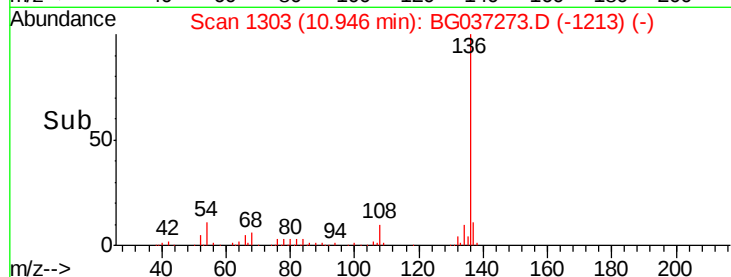
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:	136	Resp:	231921
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.6	7.9	11.9
68	5.8	4.8	7.2

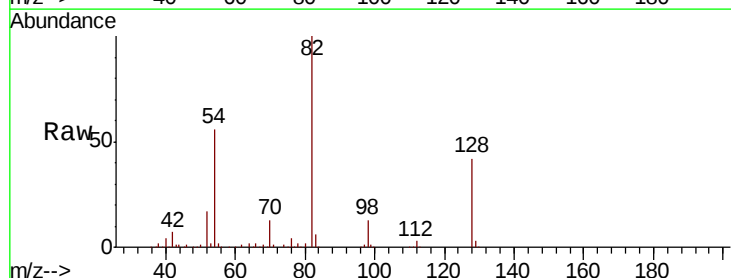


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

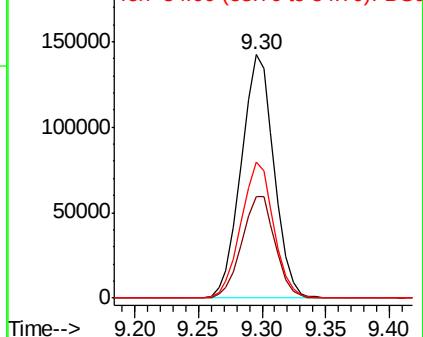
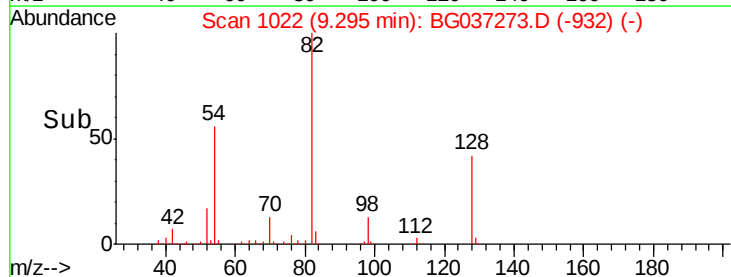


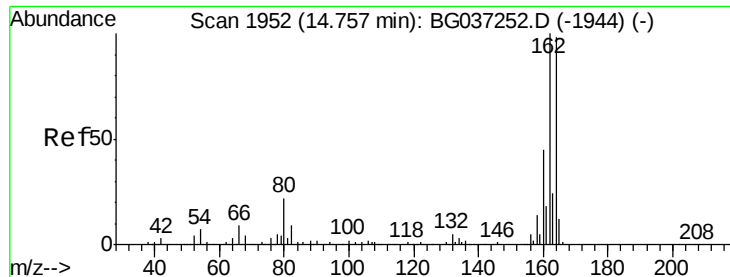
#23
Nitrobenzene-d5
Concen: 72.510 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Tgt Ion:	82	Resp:	255786
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	55.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB113698BL

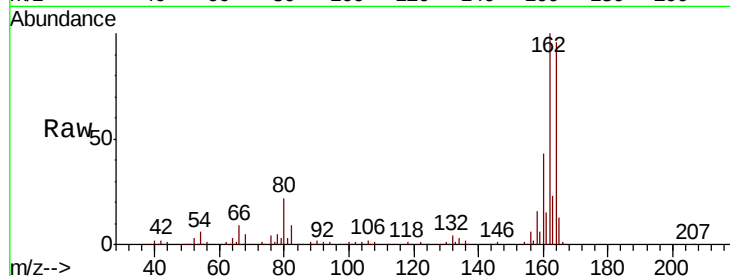
Tgt Ion:164 Resp: 153123

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

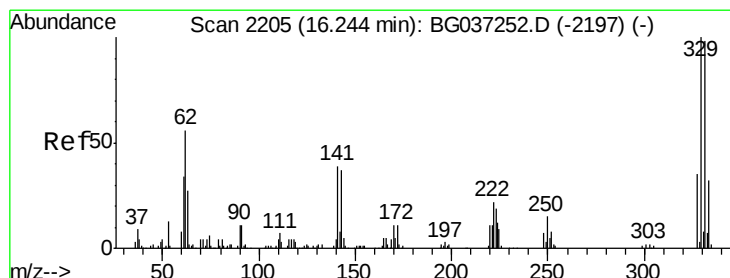
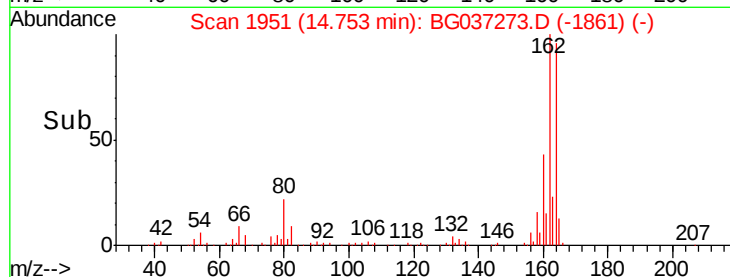
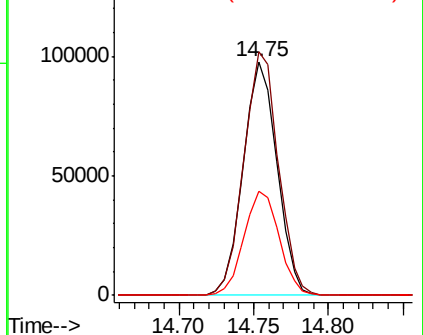
160 44.8 36.3 54.5



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: 101.290 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

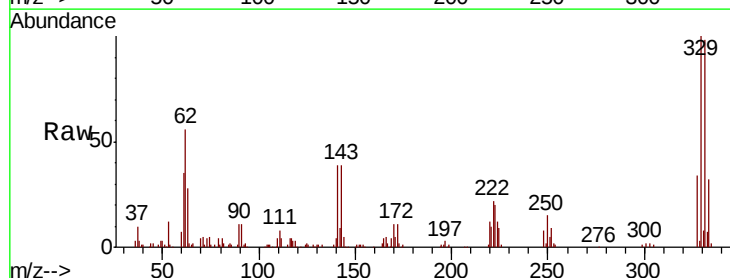
Tgt Ion:330 Resp: 152108

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

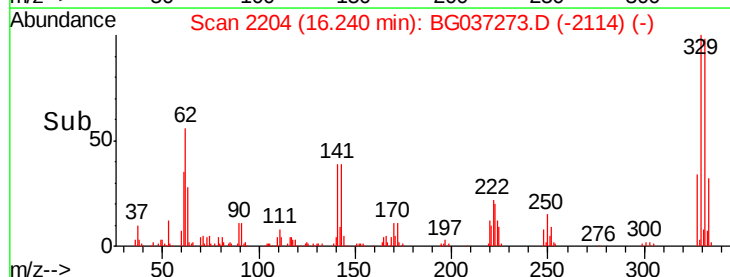
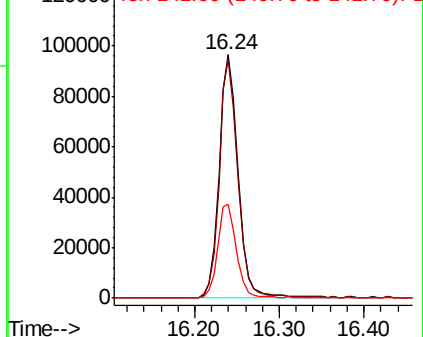
141 38.8 32.2 48.2

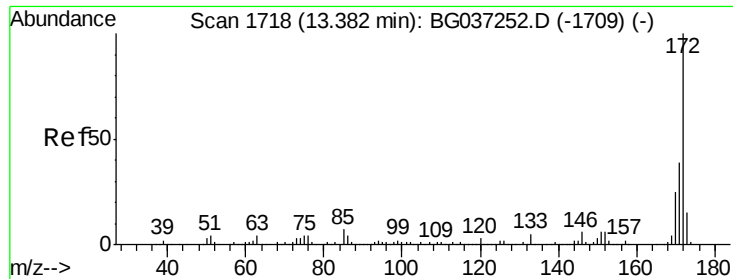


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

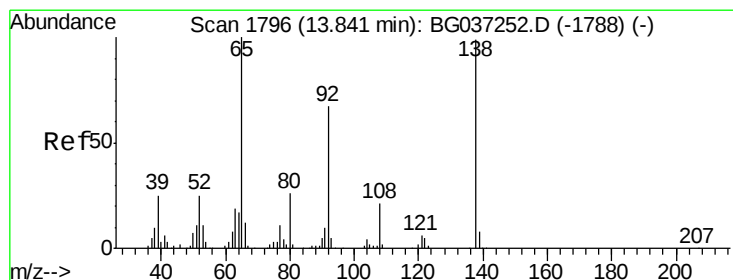
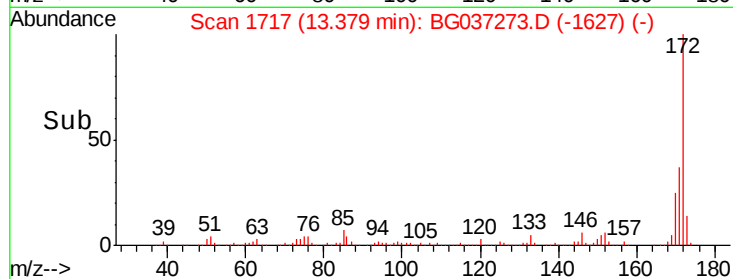
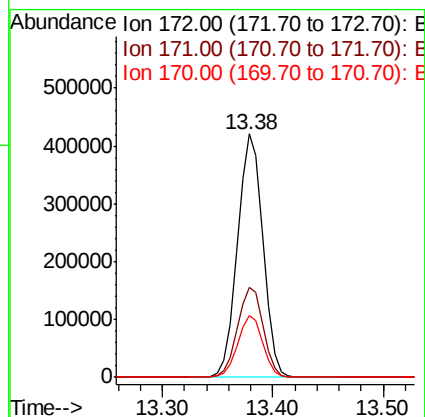
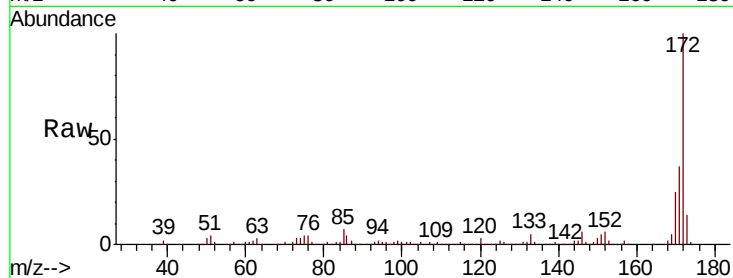




#45
 2-Fluorobiphenyl
 Concen: 66.708 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG037273.D
 Acq: 12 Oct 2018 1:12

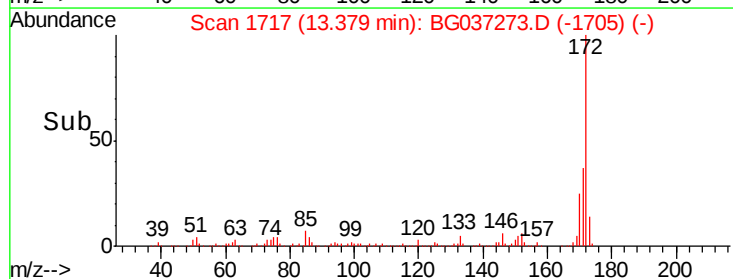
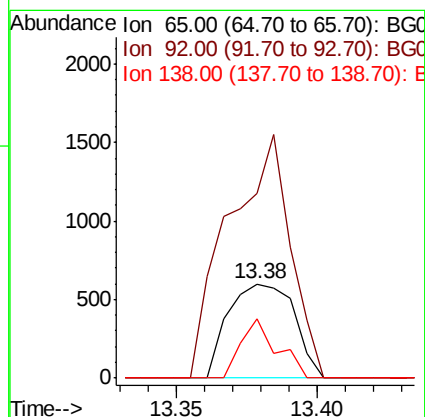
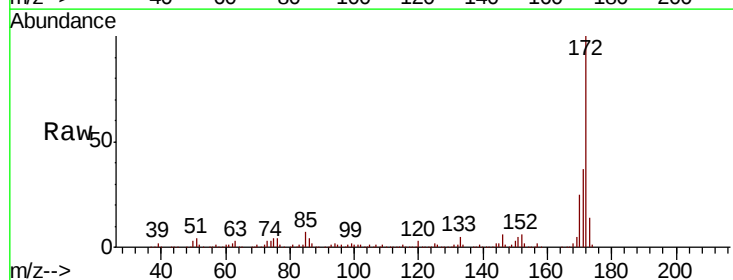
Instrument :
 BNA_G
 ClientSampled :
 PB113698BL

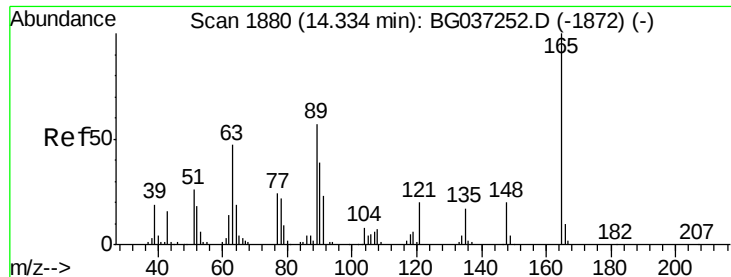
Tgt Ion: 172 Resp: 680164
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 25.3 20.2 30.2



#48
 2-Nitroaniline
 Concen: 6.086 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.46 min
 Lab File: BG037273.D
 Acq: 12 Oct 2018 1:12

Tgt Ion: 65 Resp: 969
 Ion Ratio Lower Upper
 65 100
 92 195.7 53.2 79.8#
 138 62.9 79.3 118.9#

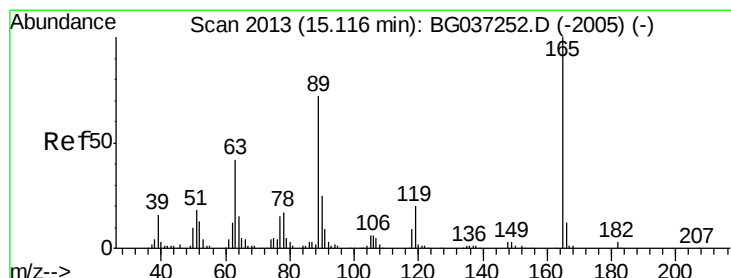
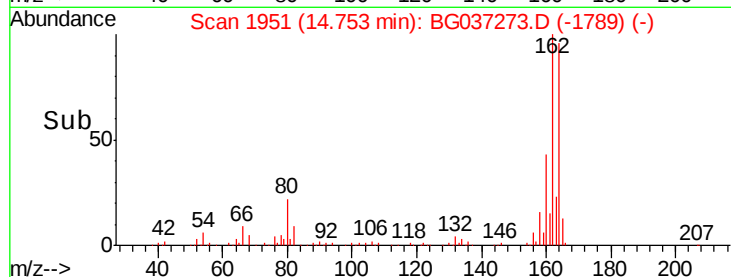
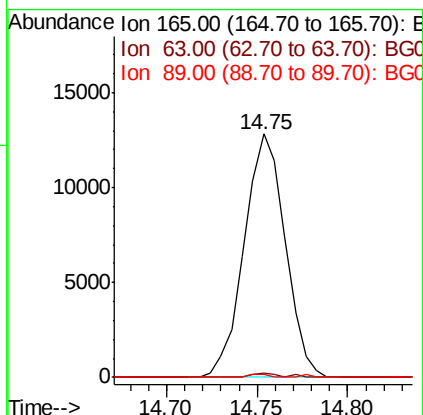
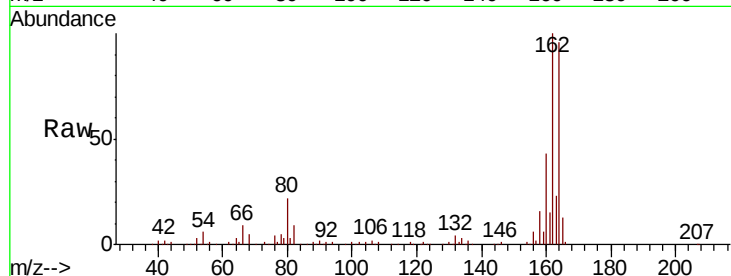




#51
 2,6-Dinitrotoluene
 Concen: 12.562 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037273.D
 Acq: 12 Oct 2018 1:12

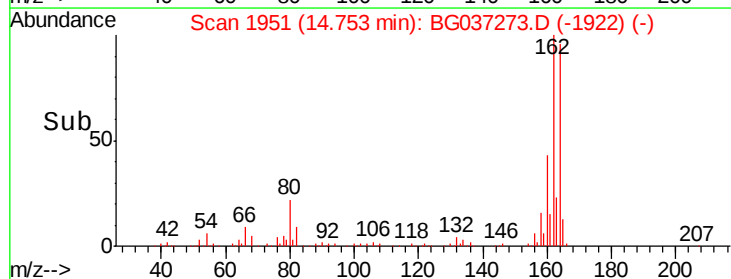
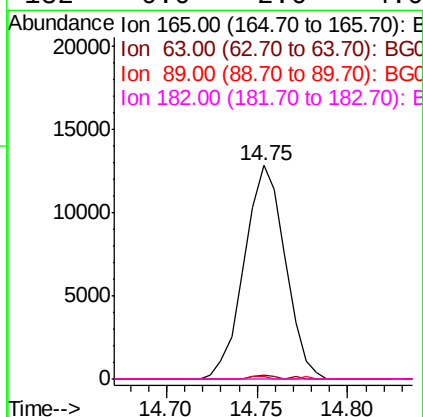
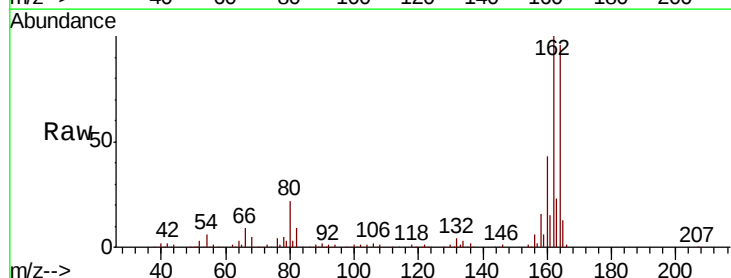
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

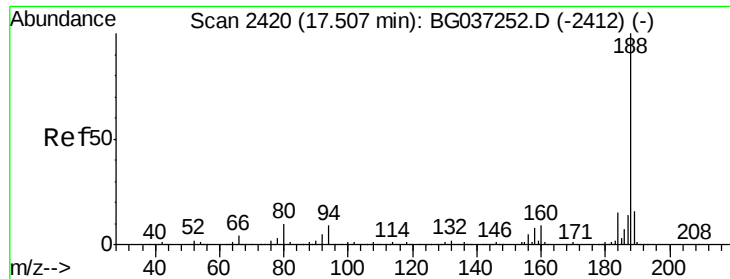
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.2	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.383 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037273.D
 Acq: 12 Oct 2018 1:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB113698BL

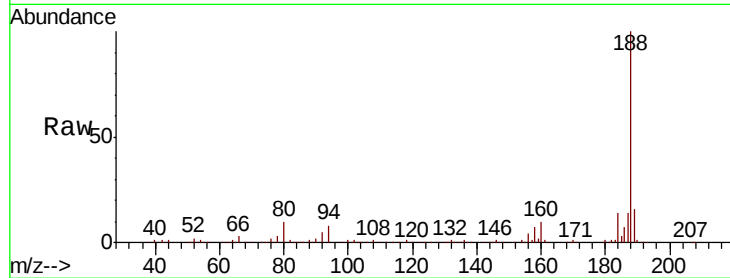
Tgt Ion:188 Resp: 407566

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

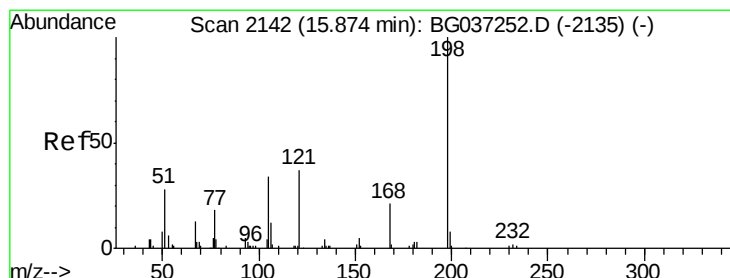
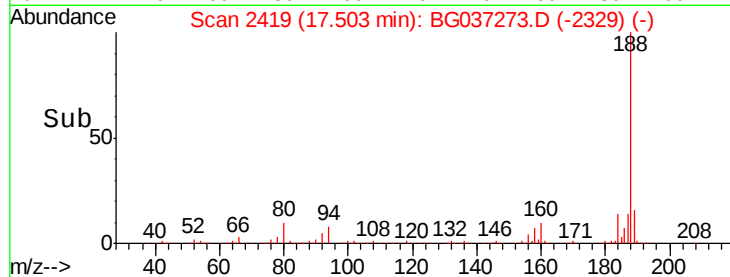
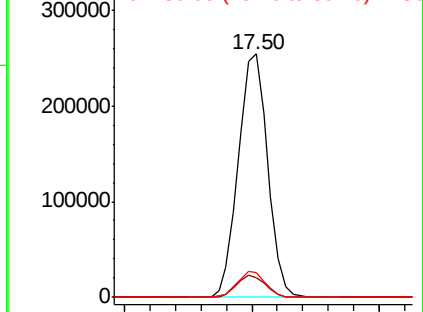
80 10.0 7.7 11.5



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: 6.293 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

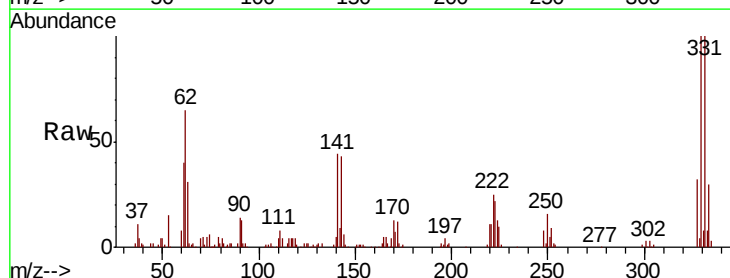
Tgt Ion:198 Resp: 506

Ion Ratio Lower Upper

198 100

51 31.1 22.7 62.7

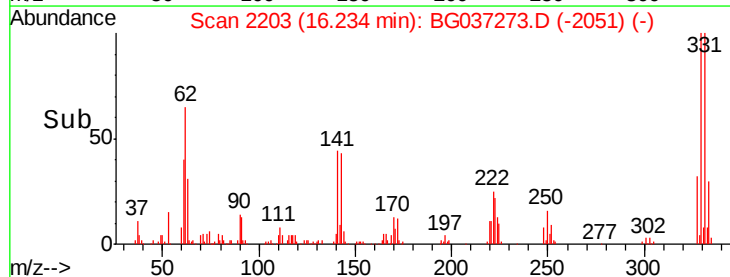
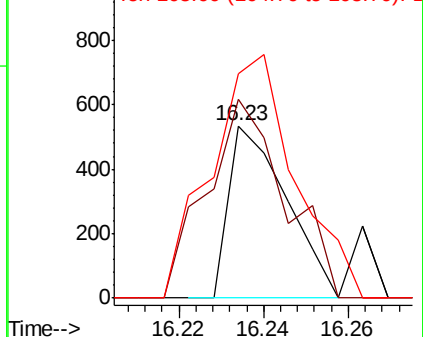
105 35.2 19.7 59.7

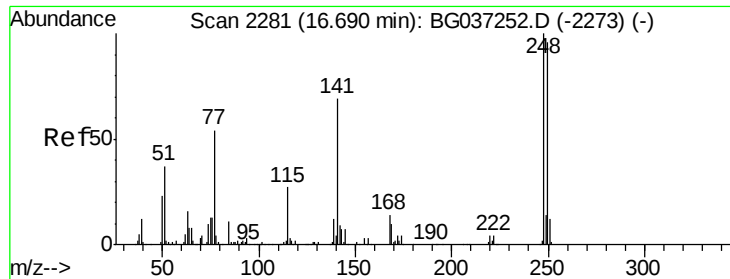


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

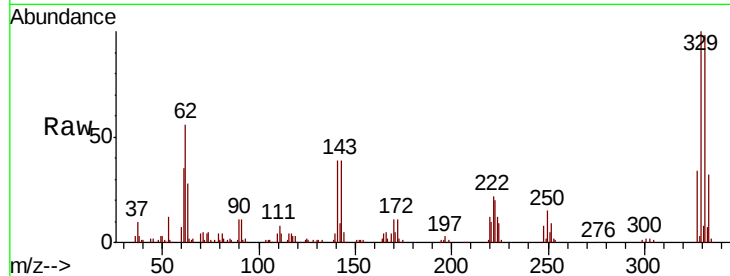




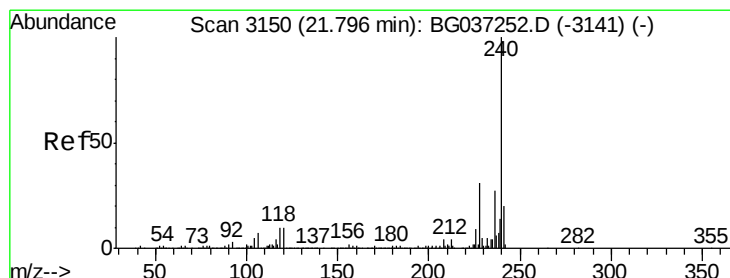
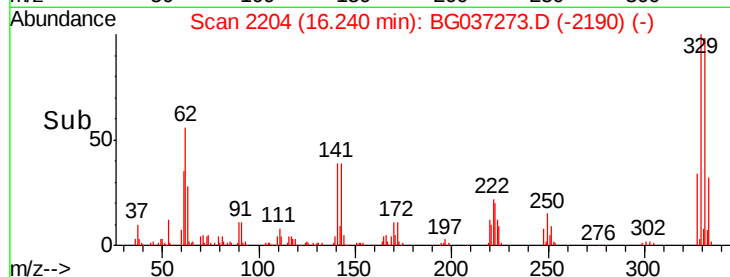
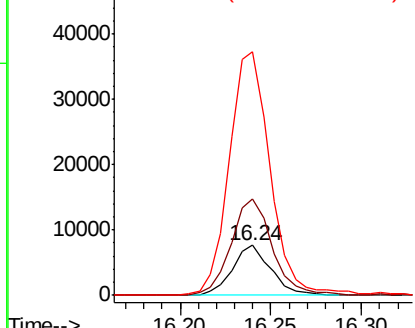
#67
4-Bromophenyl-phenylether
Concen: 2.563 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:248 Resp: 11272
Ion Ratio Lower Upper
248 100
250 251.3 77.0 115.6#
141 484.3 55.5 83.3#

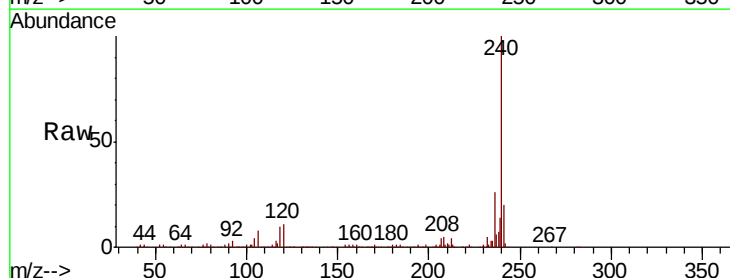


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

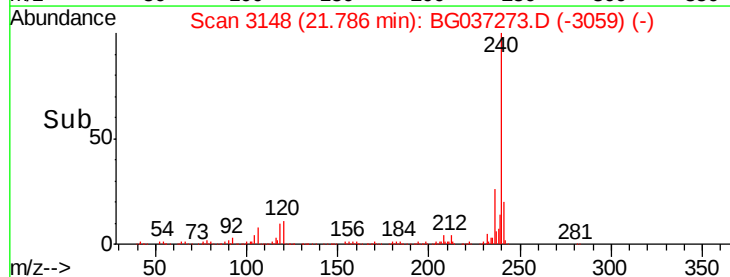
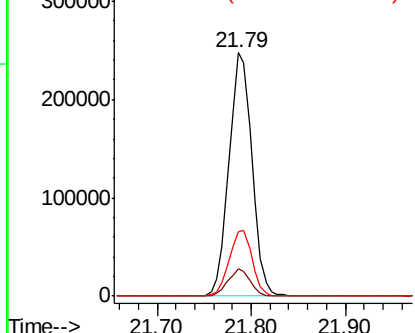


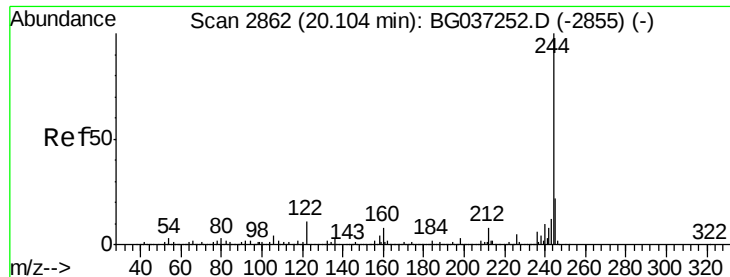
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037273.D
Acq: 12 Oct 2018 1:12

Tgt Ion:240 Resp: 421620
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.4 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: 62.006 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB113698BL

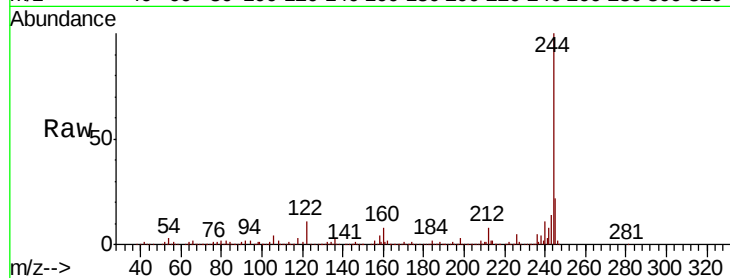
Tgt Ion:244 Resp: 1245051

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

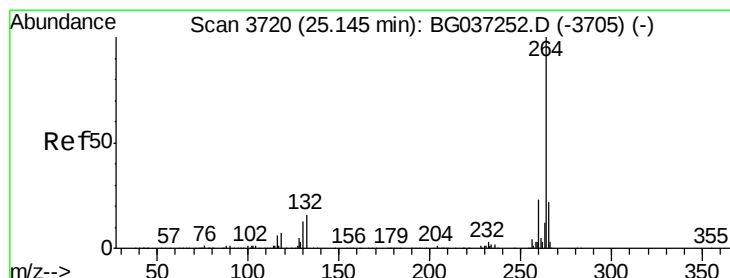
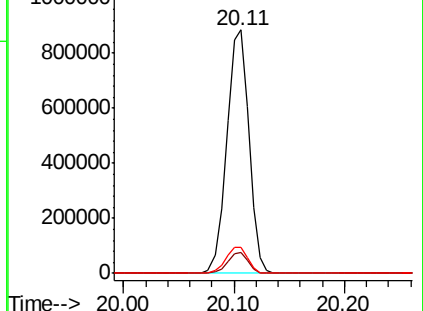
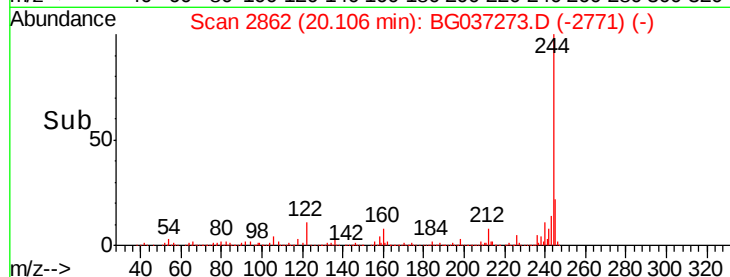
122 10.6 9.0 13.4



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: 25.14 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG037273.D

Acq: 12 Oct 2018 1:12

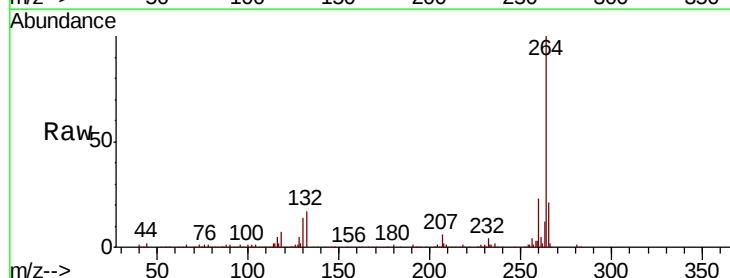
Tgt Ion:264 Resp: 416157

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.4 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

