

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037373.D
 Acq On : 17 Oct 2018 00:00
 Operator : JU/SJ
 Sample : PB113872TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 01:41:32 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

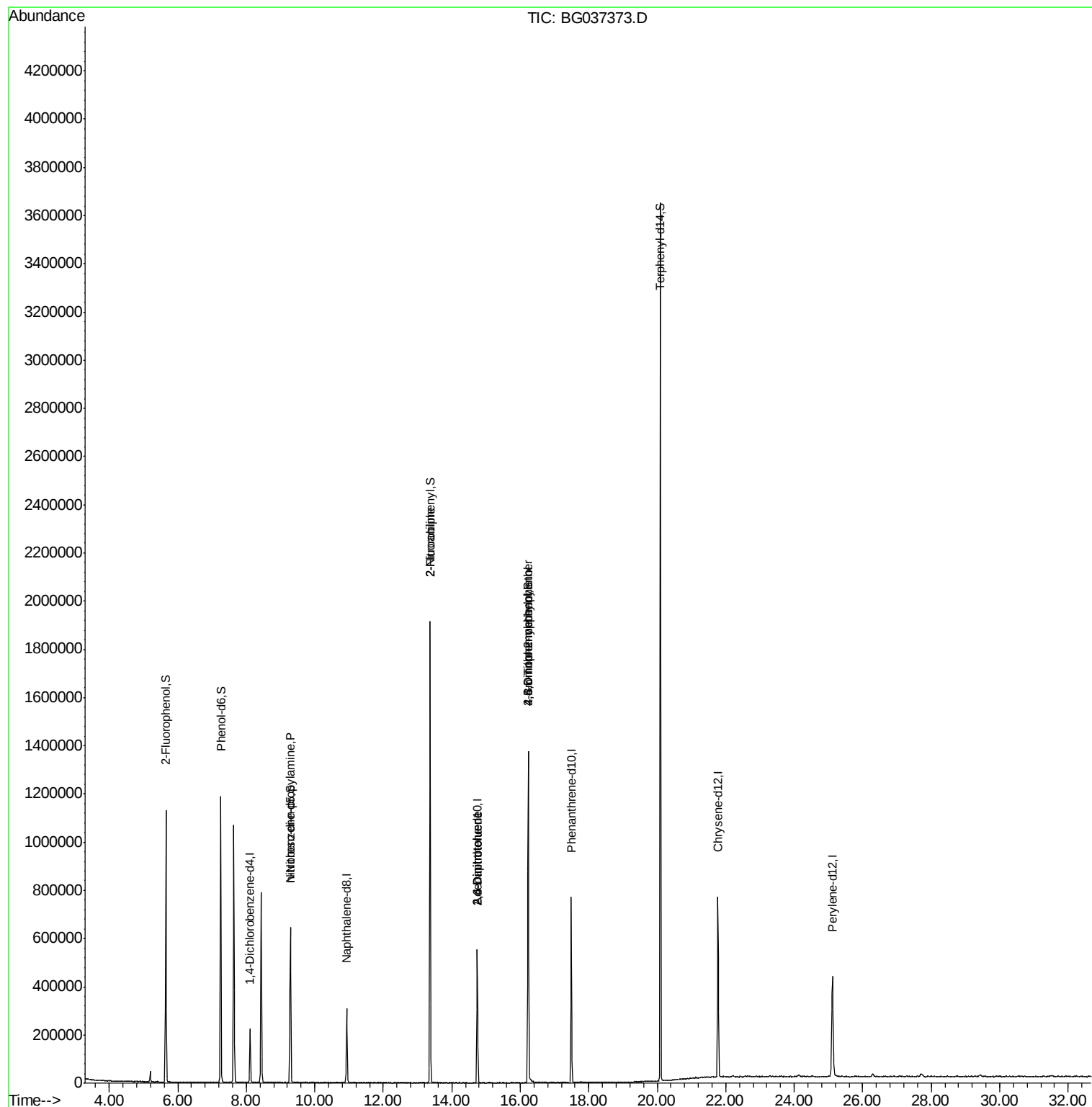
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66478	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	279738	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	193141	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	491470	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	458524	20.00	ng	-0.02
87) Perylene-d12	25.12	264	460049	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	515530	136.48	ng	0.00
7) Phenol-d6	7.25	99	736324	128.43	ng	0.00
23) Nitrobenzene-d5	9.29	82	407672	95.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	258770	136.61	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1023668	79.60	ng	-0.01
79) Terphenyl-d14	20.09	244	1649834	75.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	52186	12.022	ng	# 70
48) 2-Nitroaniline	13.37	65	1800	6.242	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	24106	12.167	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	24106	11.075	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	822	6.414	ng	# 81
67) 4-Bromophenyl-phenylether	16.23	248	19243	3.628	ng	# 1

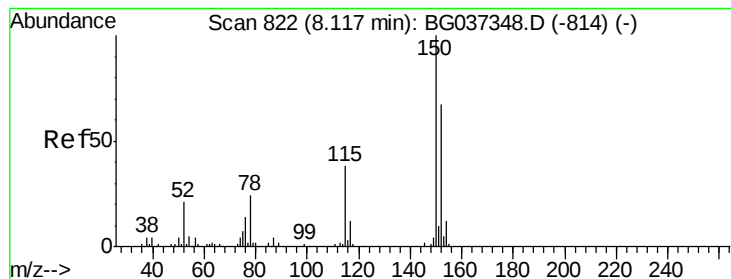
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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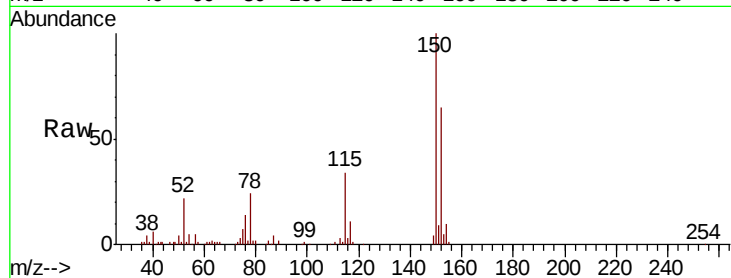


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	66478
Ion Ratio	Lower	Upper	
152	100		
150	153.7	126.0	189.0
115	52.8	45.5	68.3

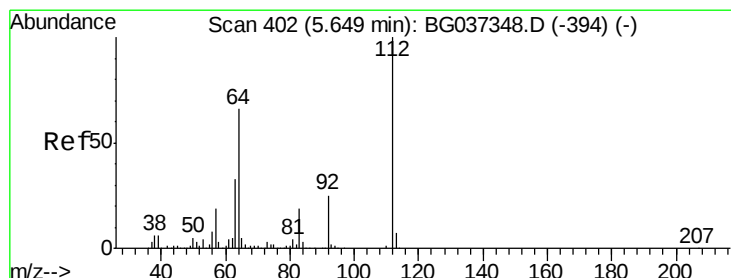
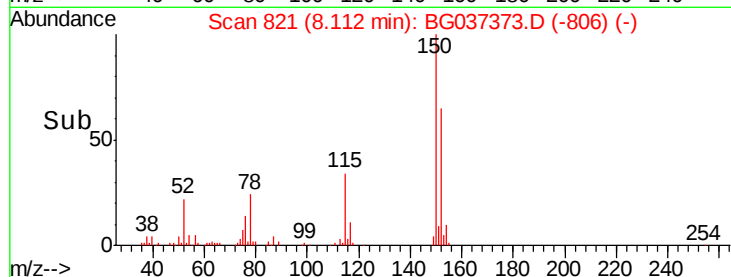
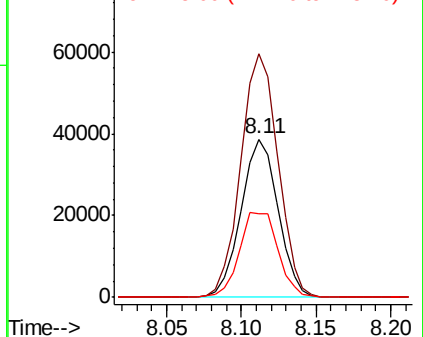


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

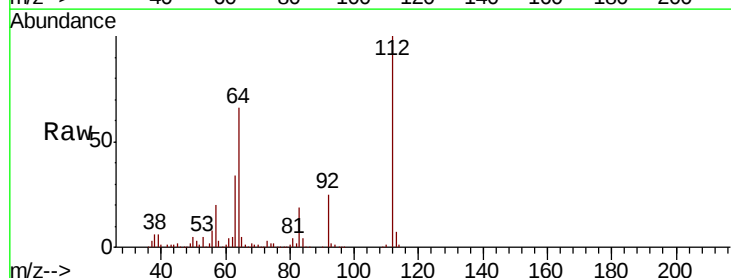
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.479 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion	112	Resp	515530
Ion Ratio	Lower	Upper	
112	100		
64	65.8	53.1	79.7
63	34.1	27.3	40.9

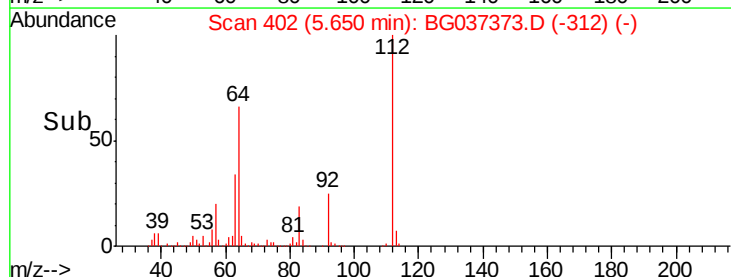
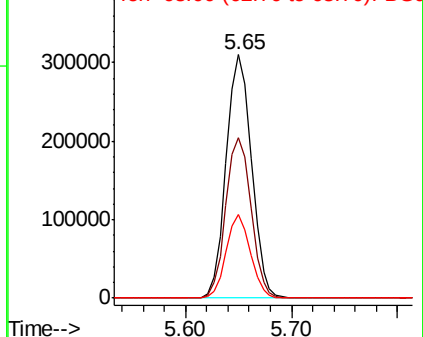


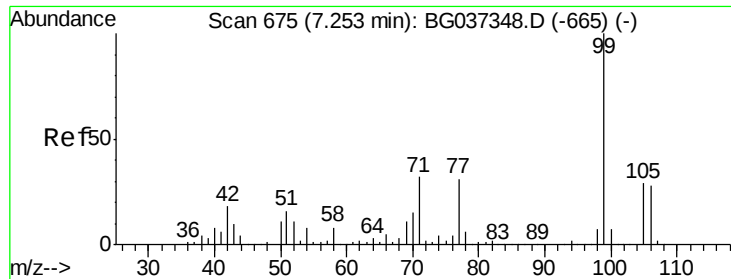
Abundance

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: 128.427 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037373.D

Acq: 17 Oct 2018 00:00

Instrument :

BNA_G

ClientSampled :

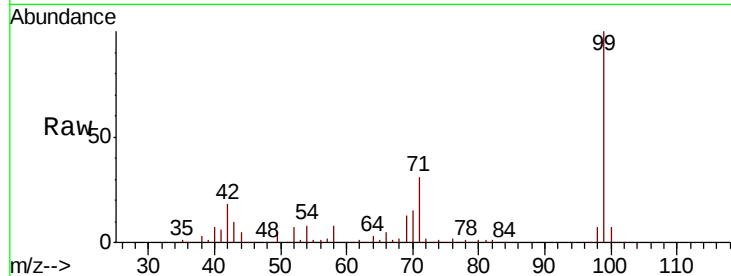
Tot Ion: 99 Resp: 736324

Ion Ratio Lower Upper

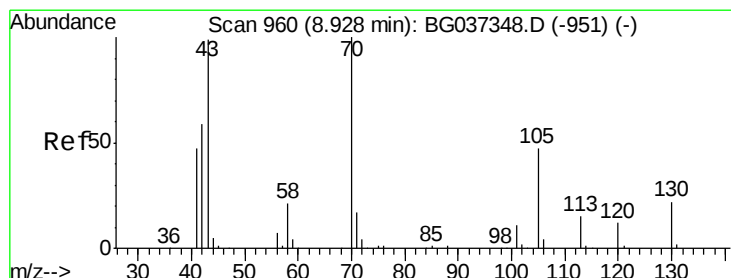
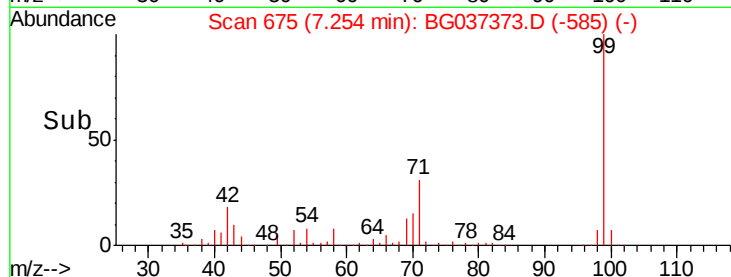
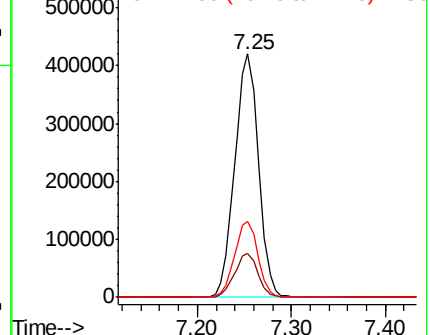
99 100

42 17.9 15.0 22.4

71 31.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.022 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037373.D

Acq: 17 Oct 2018 00:00

Tgt Ion: 70 Resp: 52186

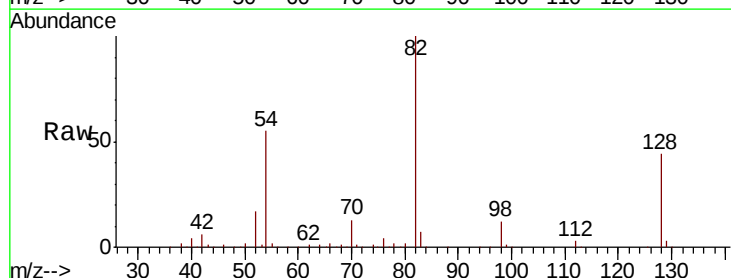
Ion Ratio Lower Upper

70 100

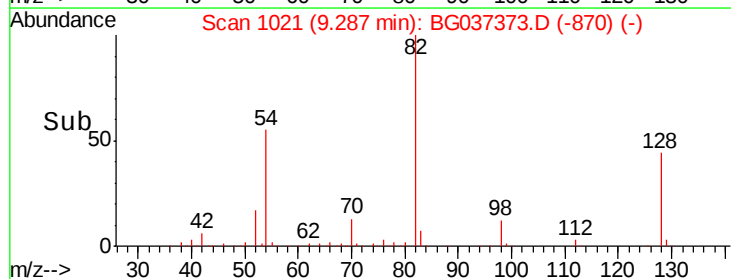
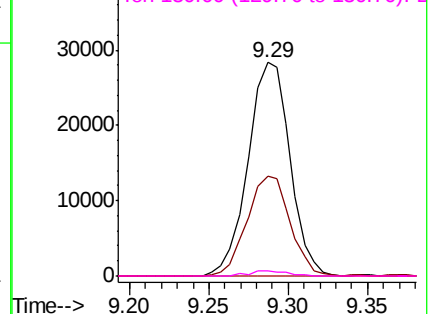
42 46.5 53.9 80.9#

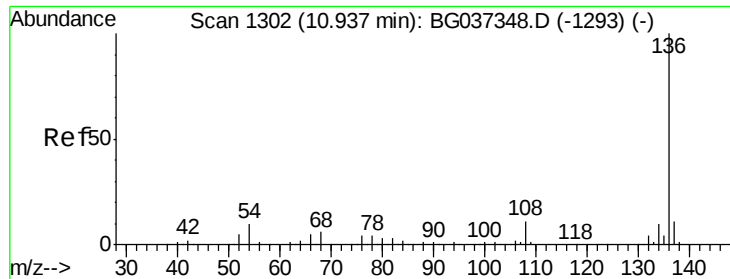
101 0.0 8.2 12.2#

130 2.3 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

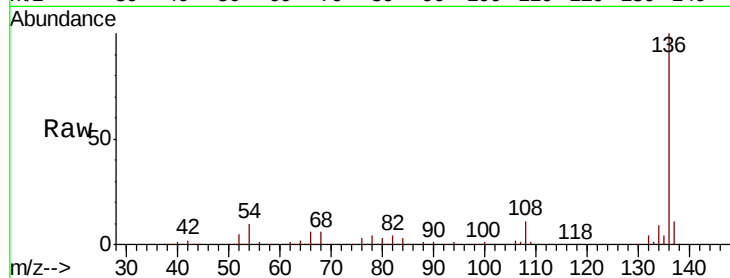




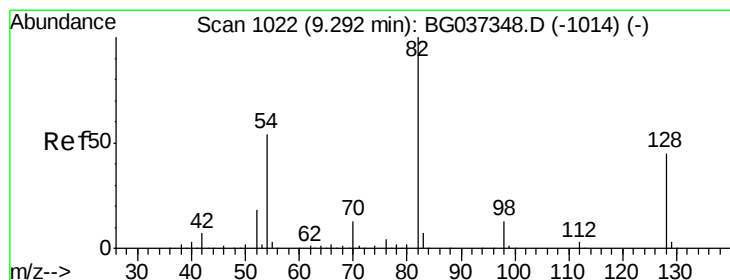
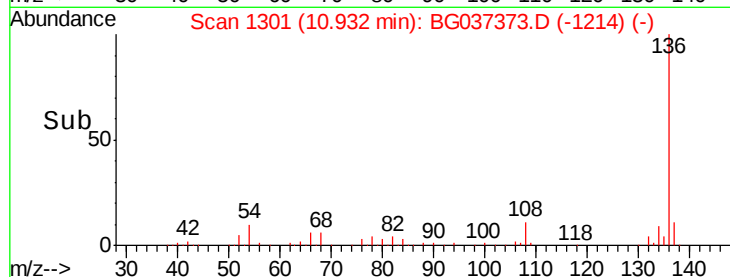
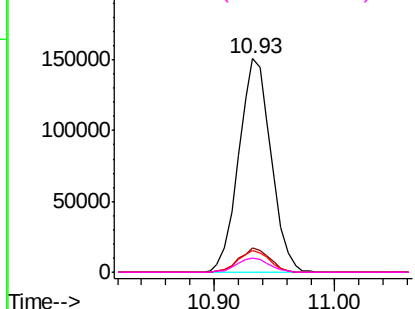
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	279738
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	10.5	7.9 11.9
68	6.3	4.8 7.2

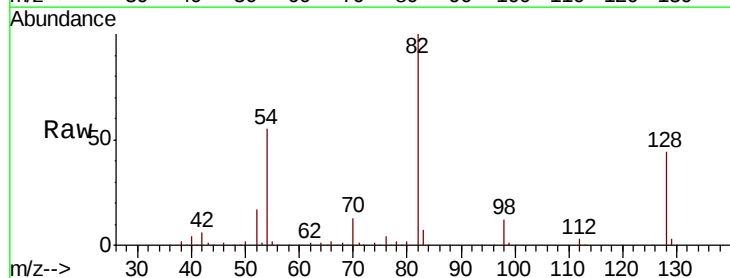


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

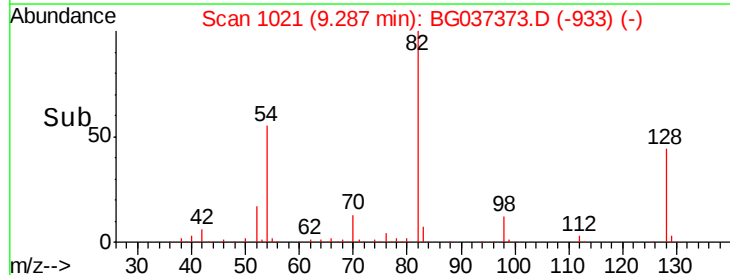
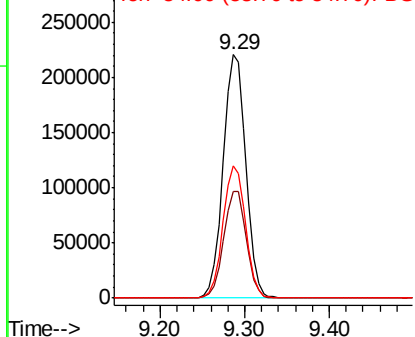


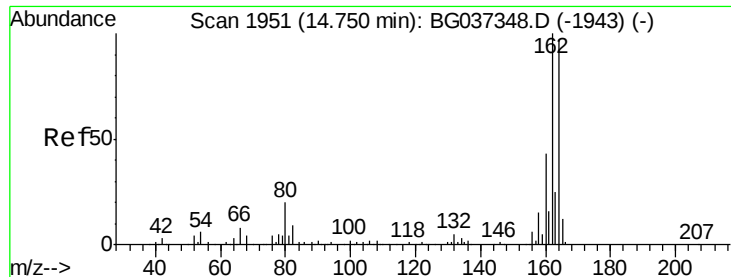
#23
Nitrobenzene-d5
Concen: 95.812 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion: 82	Resp:	407672
Ion	Ratio	Lower Upper
82	100	
128	44.1	34.6 51.8
54	54.6	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: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037373.D

Acq: 17 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

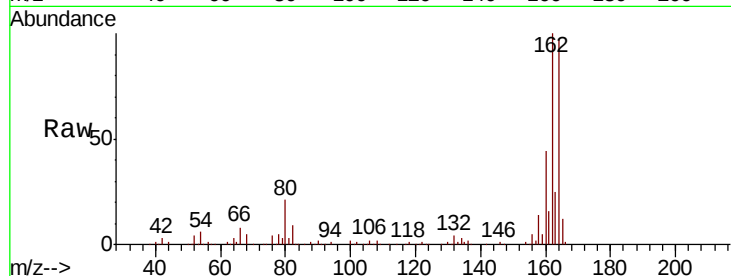
Tot Ion:164 Resp: 193141

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

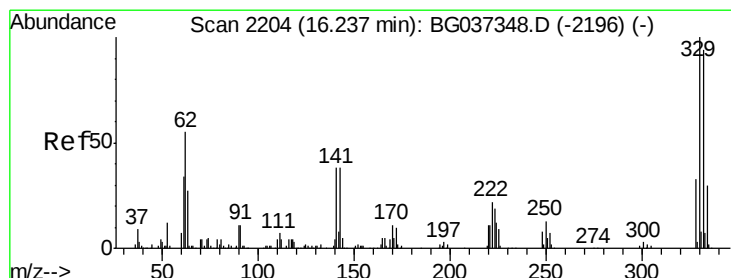
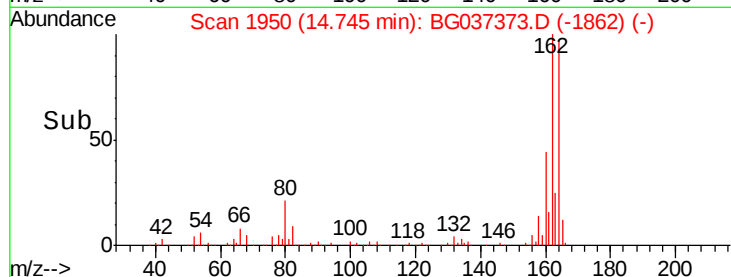
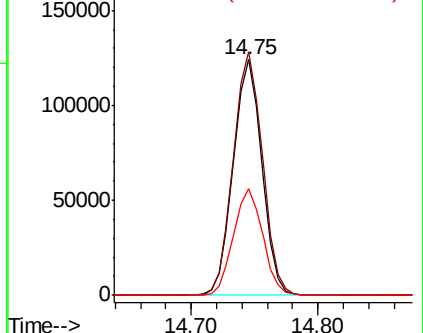
160 45.1 36.3 54.5



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: 136.614 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037373.D

Acq: 17 Oct 2018 00:00

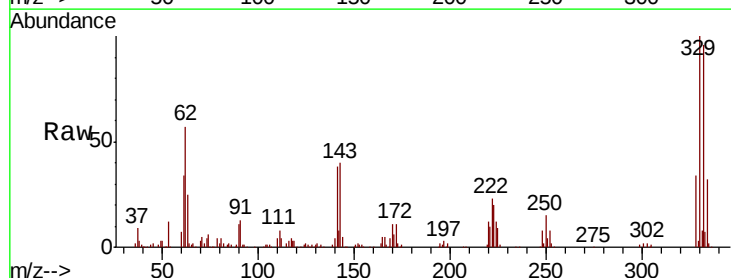
Tgt Ion:330 Resp: 258770

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

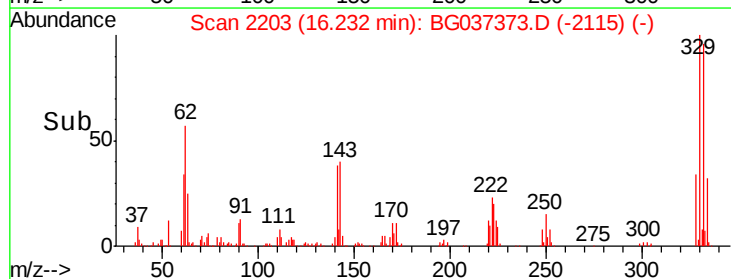
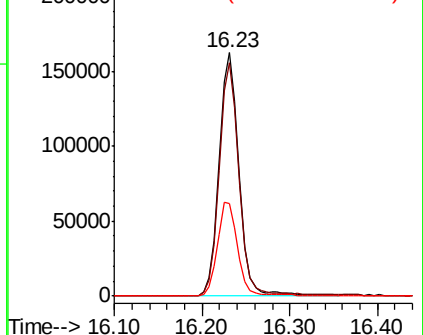
141 38.5 32.2 48.2

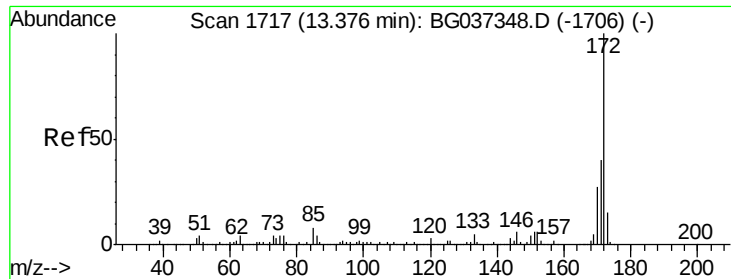


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

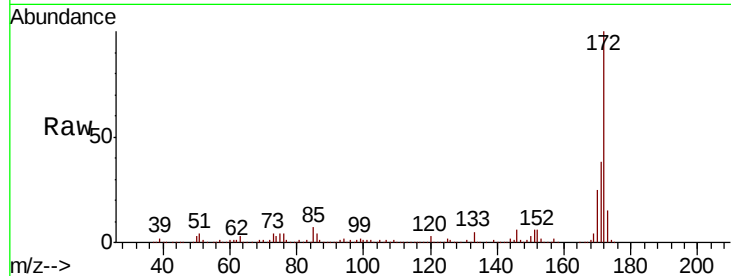




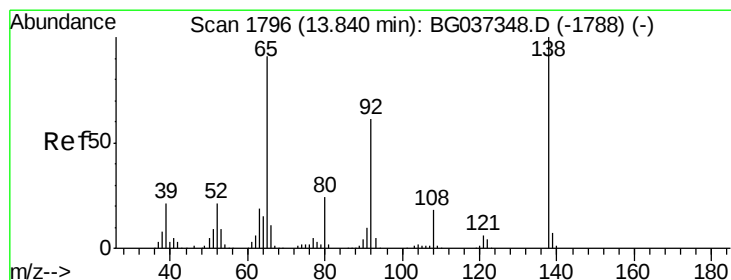
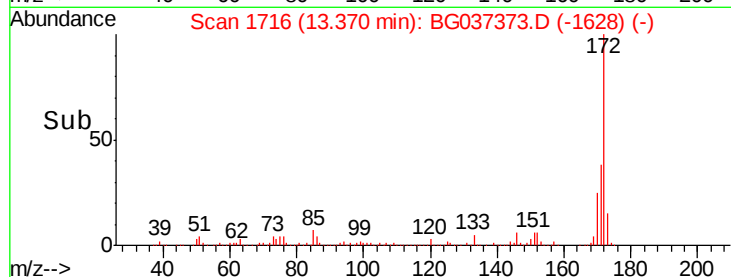
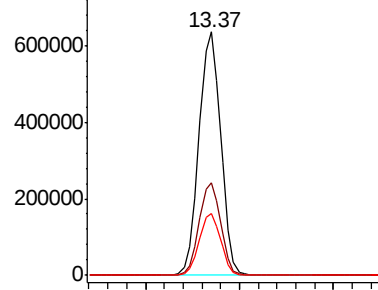
#45
 2-Fluorobiphenyl
 Concen: 79.595 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1023668
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.5 20.2 30.2

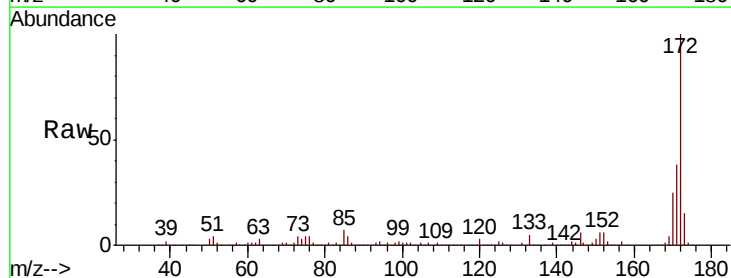


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

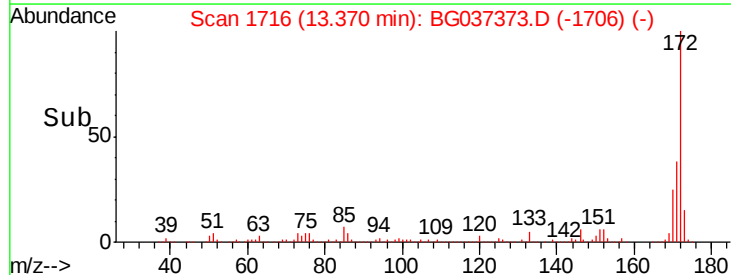
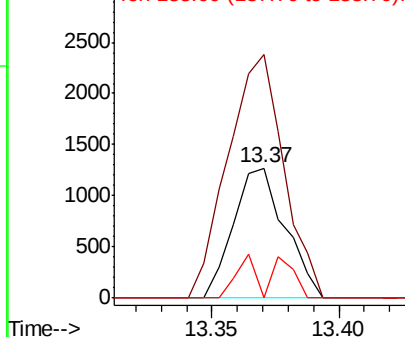


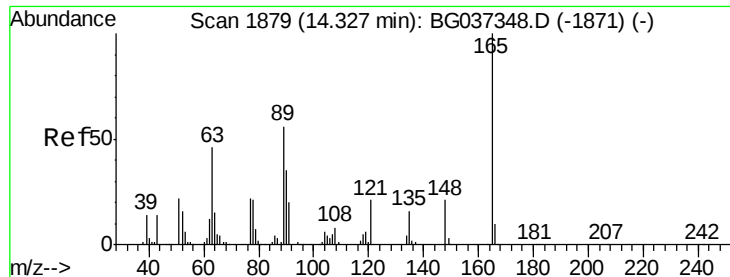
#48
 2-Nitroaniline
 Concen: 6.242 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.47 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Tgt Ion: 65 Resp: 1800
 Ion Ratio Lower Upper
 65 100
 92 187.5 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): E

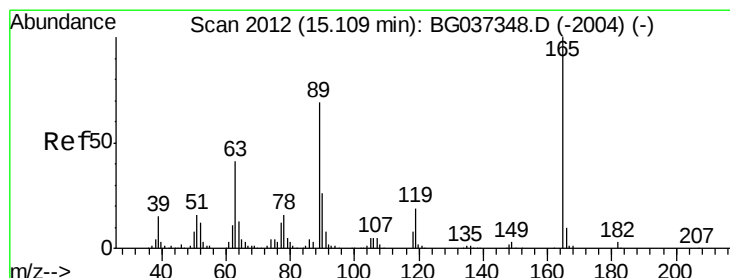
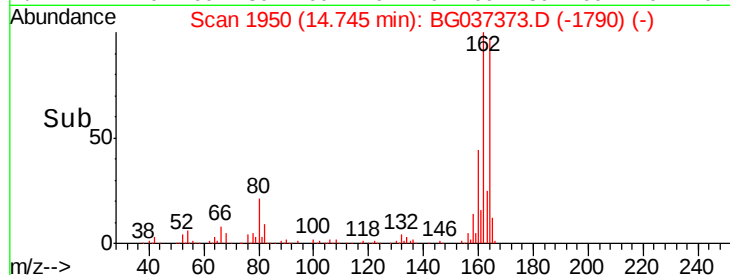
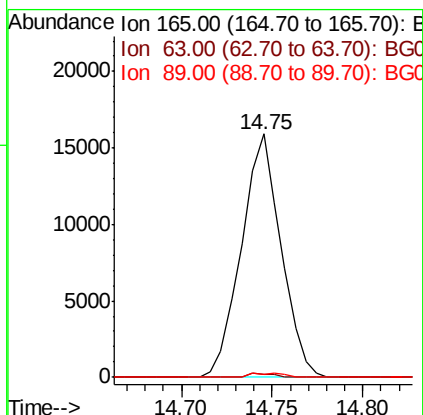
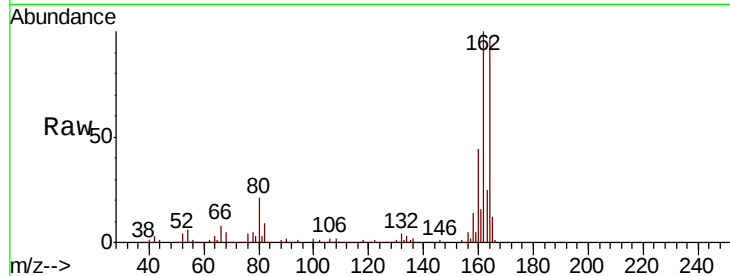




#51
 2,6-Dinitrotoluene
 Concen: 12.167 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

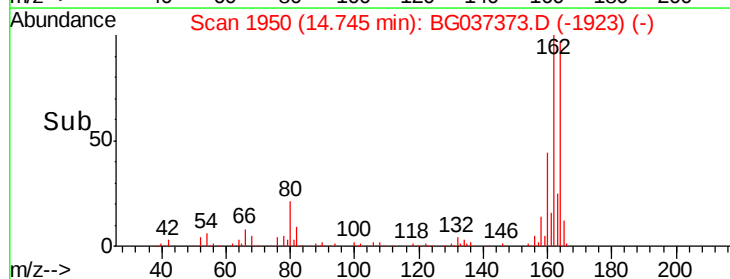
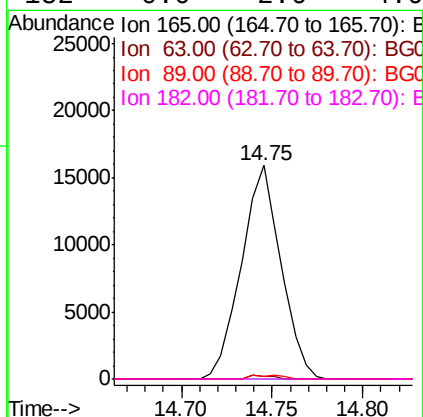
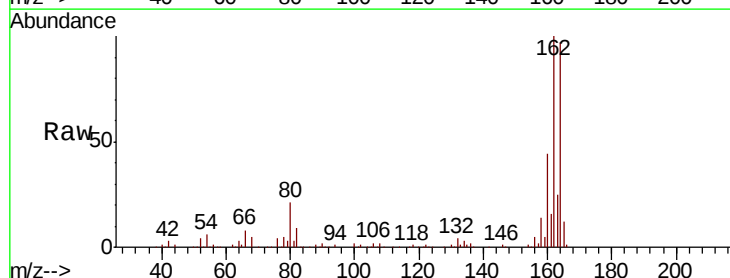
Instrument :
 BNA_G
 ClientSampleId :

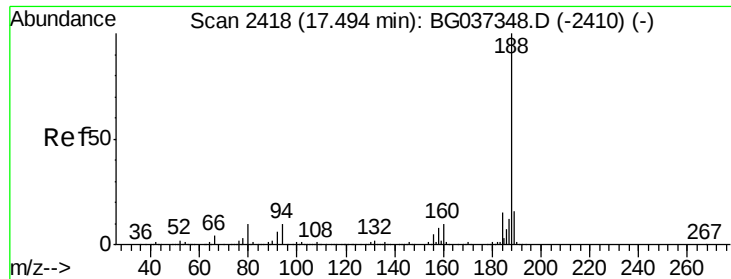
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.2#
89	1.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.075 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	1.0	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: BG037373.D

Acq: 17 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

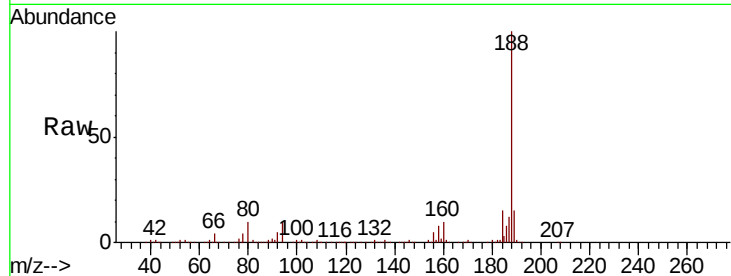
Tot Ion:188 Resp: 491470

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

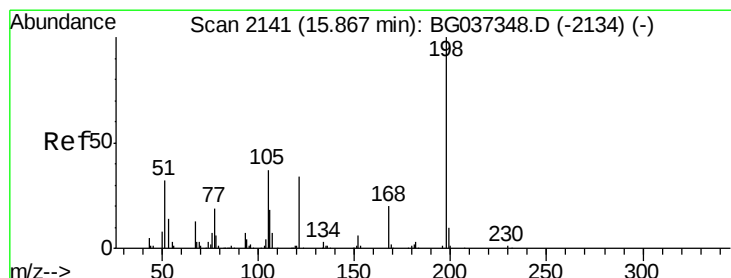
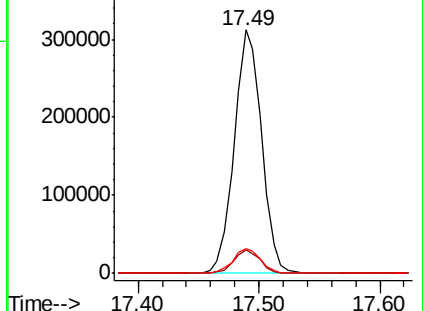
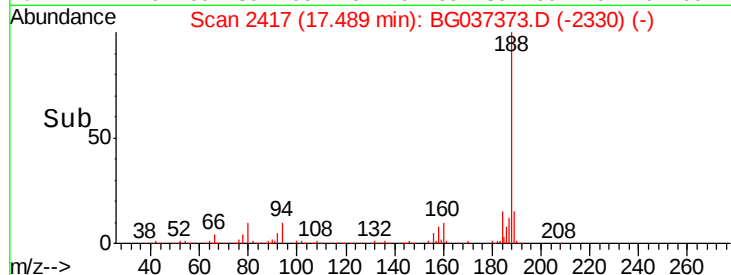
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 6.414 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037373.D

Acq: 17 Oct 2018 00:00

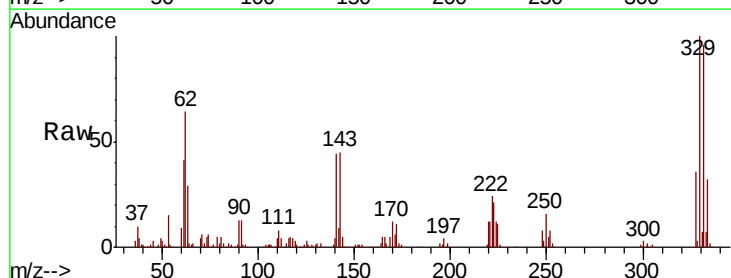
Tgt Ion:198 Resp: 822

Ion Ratio Lower Upper

198 100

51 28.9 22.7 62.7

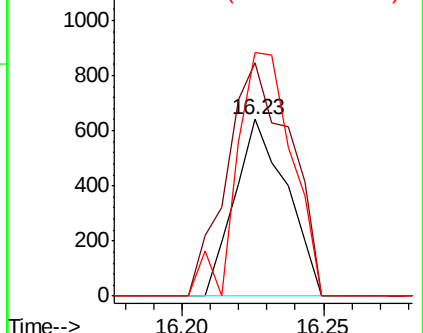
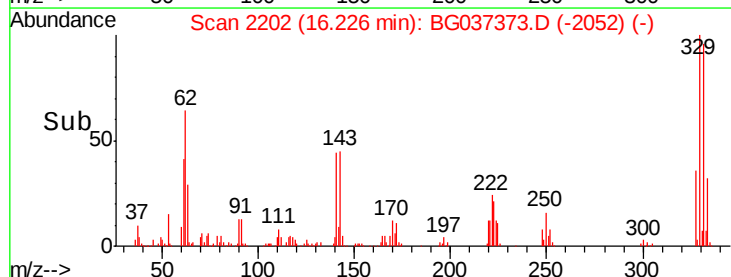
105 30.1 19.7 59.7

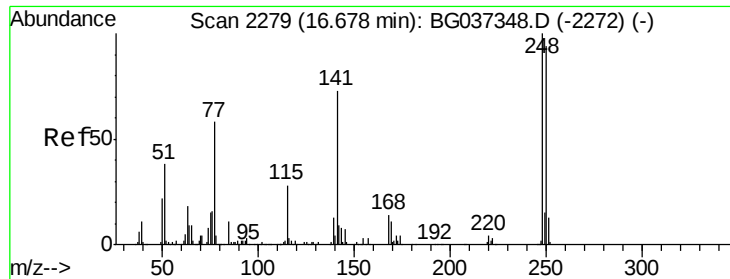


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

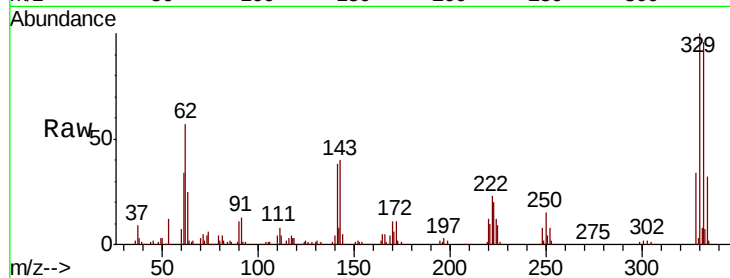




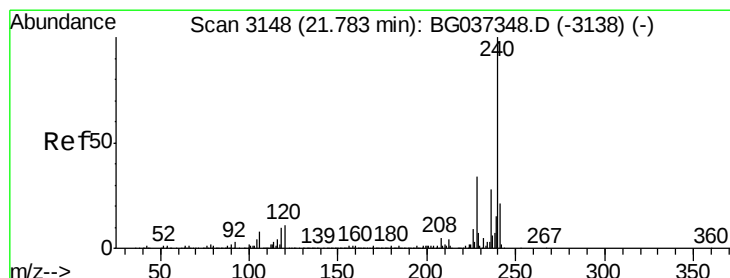
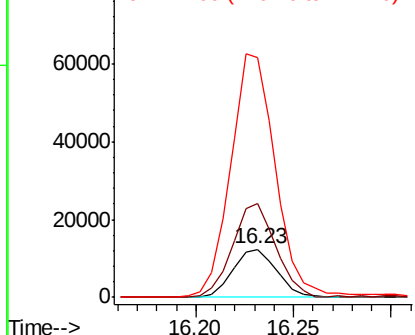
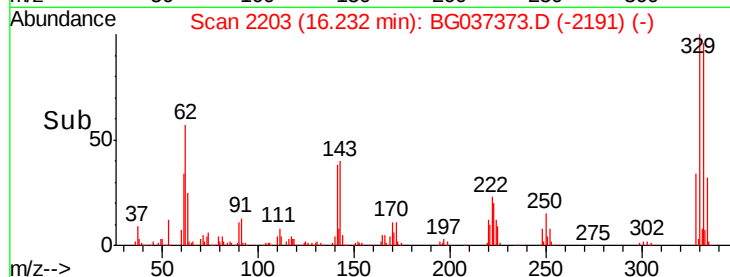
#67
 4-Bromophenyl-phenylether
 Concen: 3.628 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19243
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.0 115.6#
 141 385.2 55.5 83.3#

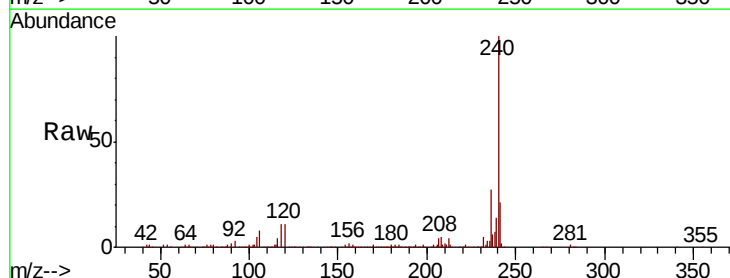


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

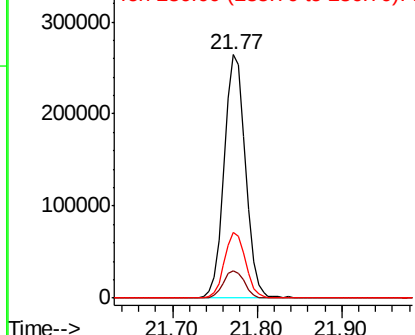
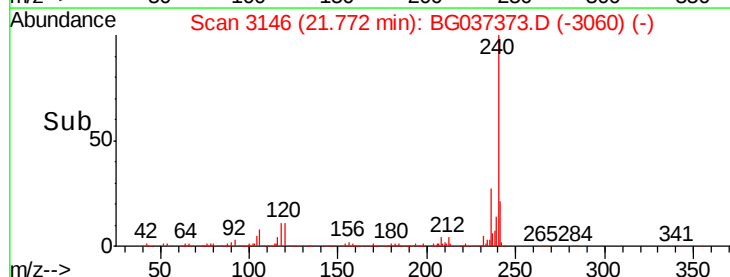


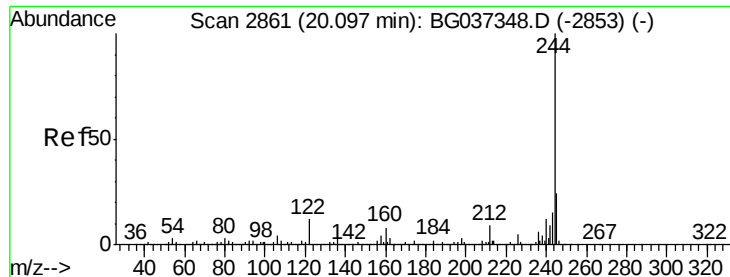
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Tgt Ion:240 Resp: 458524
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.1 12.1
 236 26.9 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



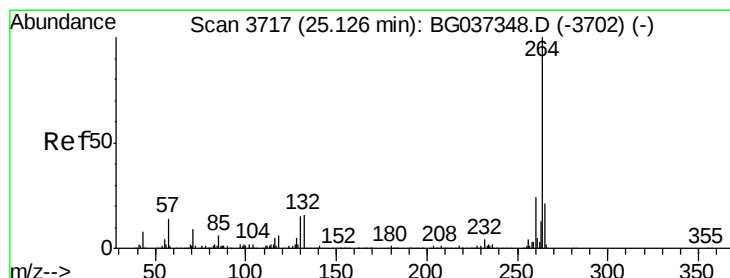
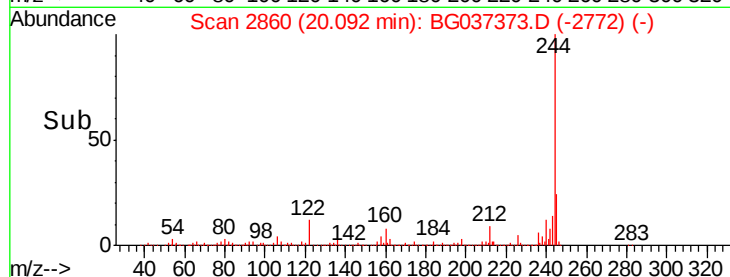
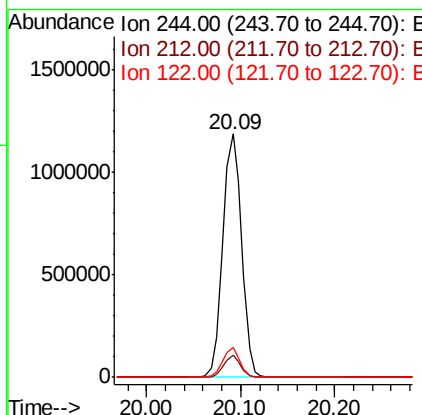
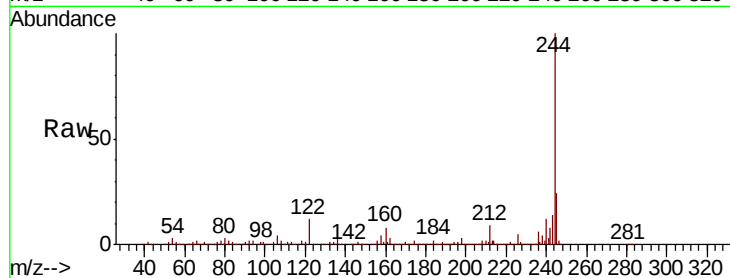


#79
 Terphenyl-d14
 Concen: 75.552 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1649834

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	12.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG037373.D
 Acq: 17 Oct 2018 00:00

Tgt Ion:264 Resp: 460049

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.9	17.9	26.9

