

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037603.D
 Acq On : 27 Oct 2018 5:36
 Operator : JU/SJ
 Sample : J5665-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 06:46:40 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

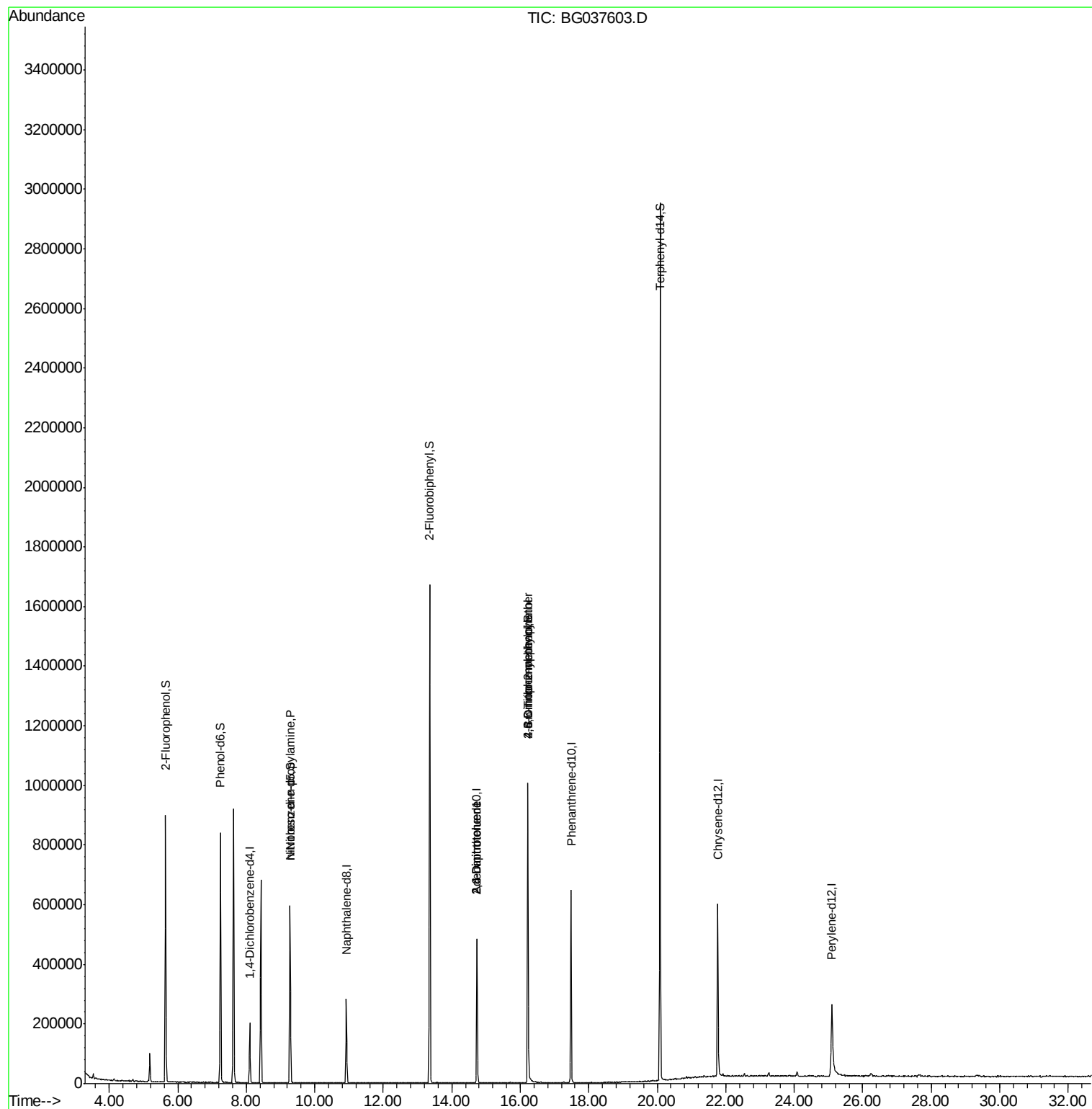
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59001	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	257140	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	173638	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413289	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378619	20.00	ng	0.00
87) Perylene-d12	25.10	264	341071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408706	115.81	ng	0.00
7) Phenol-d6	7.25	99	529165	99.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	381350	83.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	188349	99.45	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	900688	78.22	ng	0.00
79) Terphenyl-d14	20.08	244	1418719	80.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46831	12.744	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	22567	7.594	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22567	5.785	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	635	8.748	ng	75
67) 4-Bromophenyl-phenylether	16.22	248	13494	2.973	ng	# 1

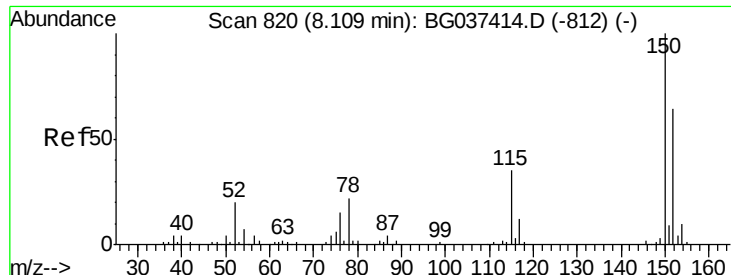
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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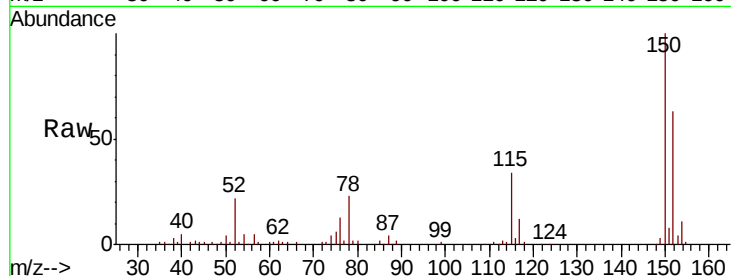


#1

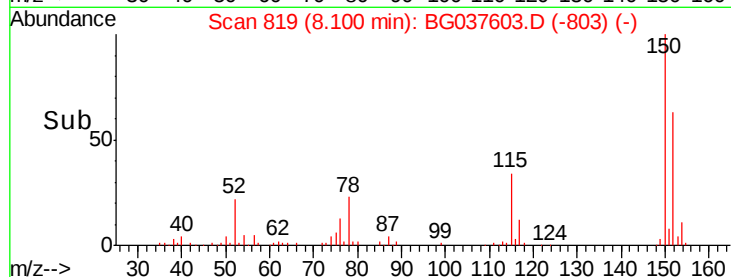
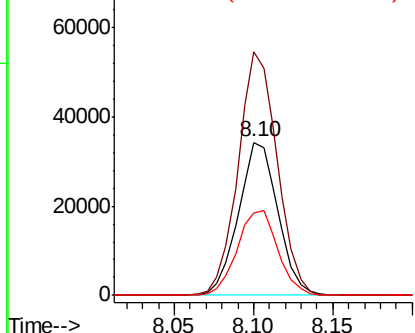
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.0	189.0
115	53.5	45.5	68.3



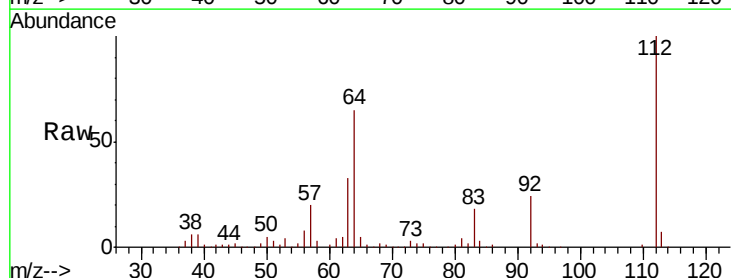
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



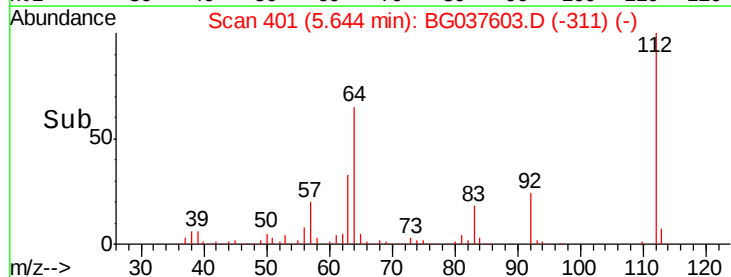
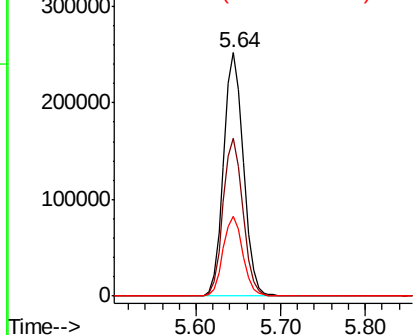
#5

2-Fluorophenol
 Concen: 115.811 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	32.7	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: 99.161 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Instrument :

BNA_G

ClientSampleId :

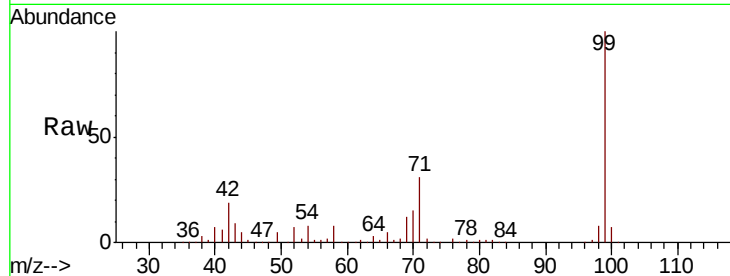
Tot Ion: 99 Resp: 529165

Ion Ratio Lower Upper

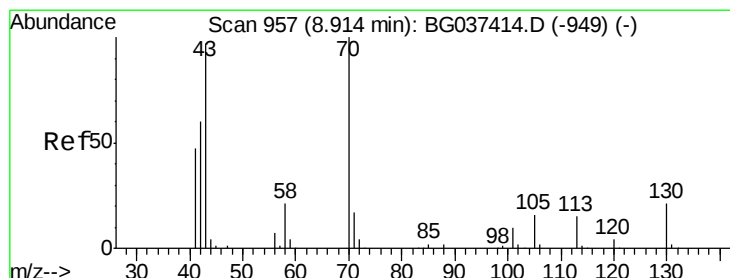
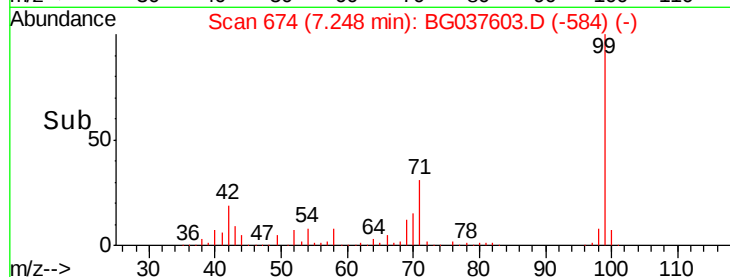
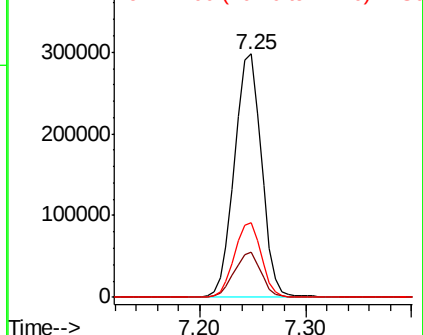
99 100

42 18.8 15.0 22.4

71 30.7 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: 12.744 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Tgt Ion: 70 Resp: 46831

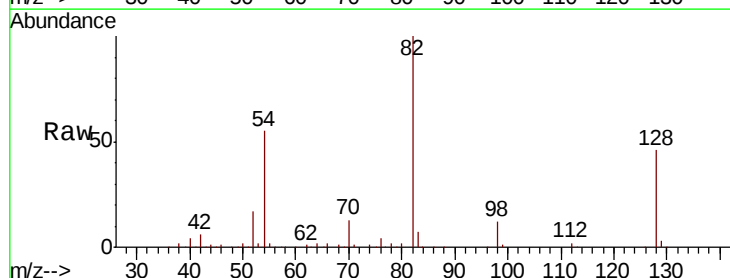
Ion Ratio Lower Upper

70 100

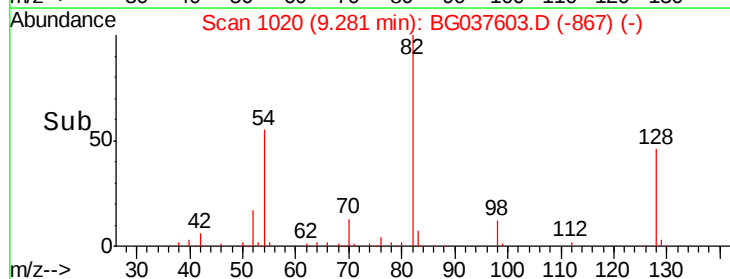
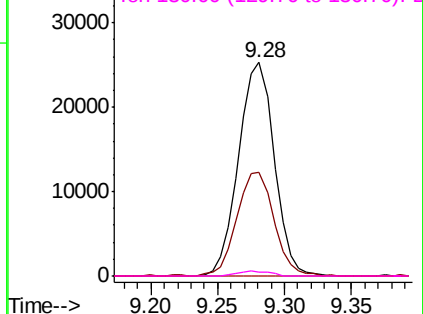
42 48.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 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

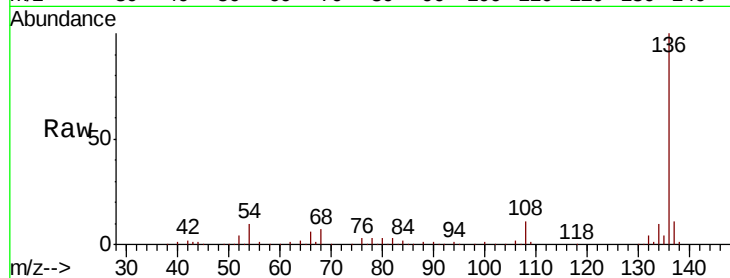




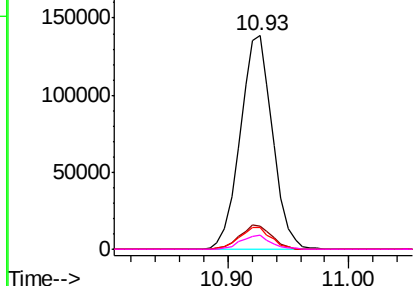
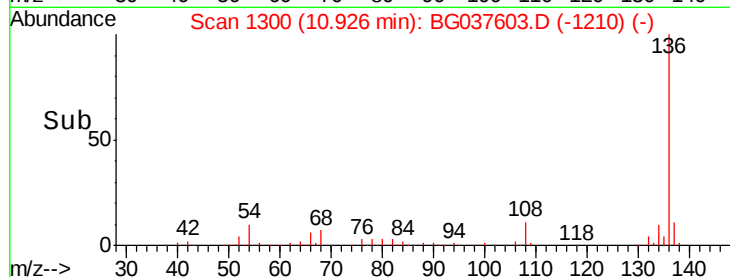
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257140
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.6 14.4
54	10.2	7.9 11.9
68	6.6	4.8 7.2

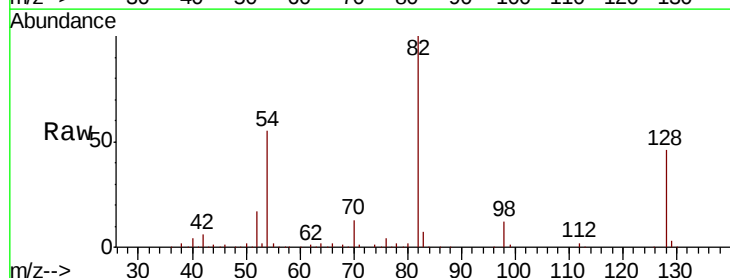


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

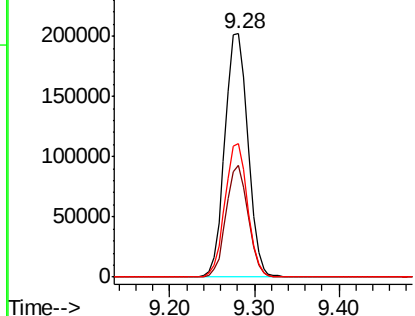
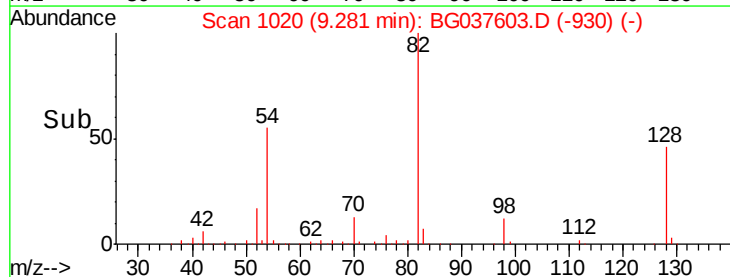


#23
Nitrobenzene-d5
Concen: 83.079 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Tgt Ion: 82	Resp:	381350
Ion Ratio	Lower	Upper
82	100	
128	45.7	34.6 51.8
54	54.8	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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Instrument :

BNA_G

ClientSampleId :

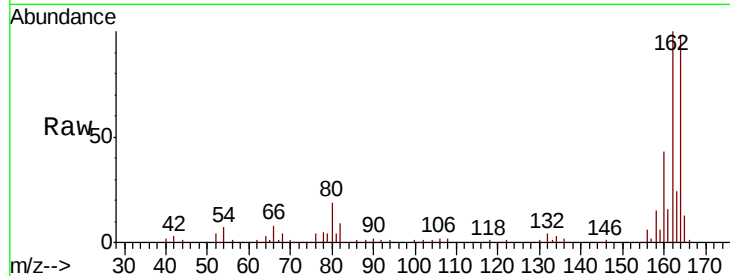
Tot Ion:164 Resp: 173638

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

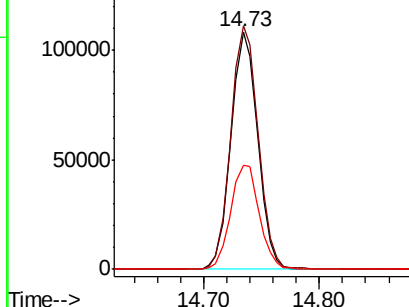
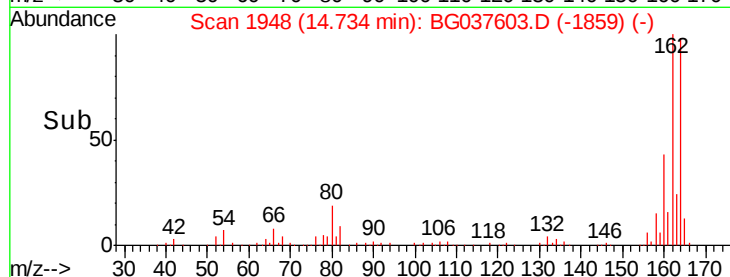
160 44.0 36.3 54.5



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: 99.453 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

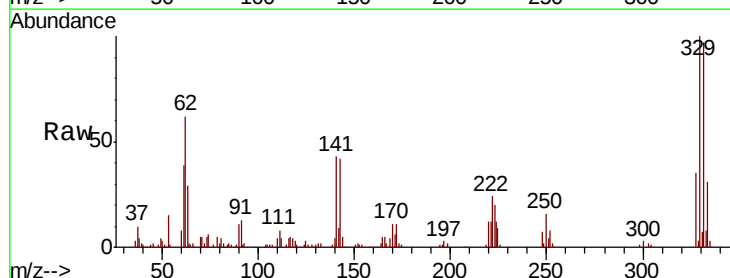
Tgt Ion:330 Resp: 188349

Ion Ratio Lower Upper

330 100

332 98.6 78.4 117.6

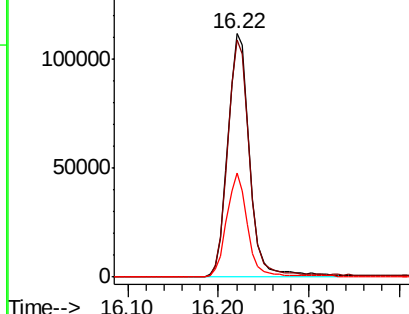
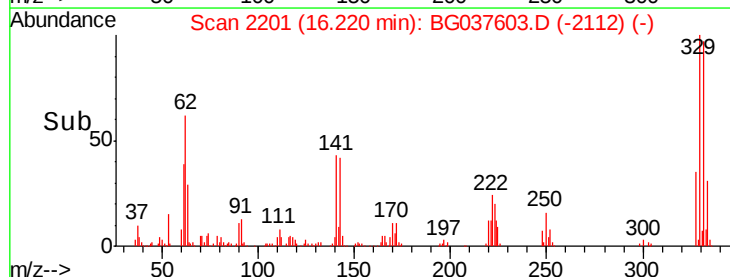
141 40.6 32.2 48.2



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

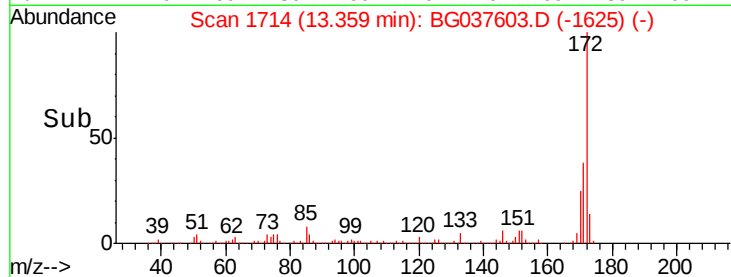
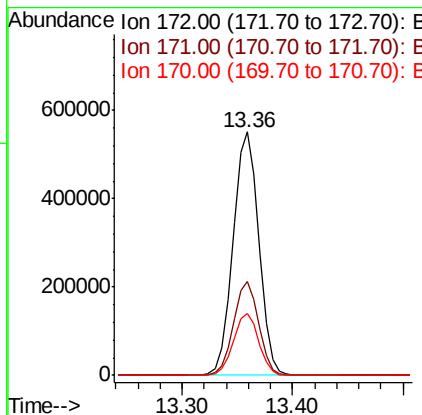
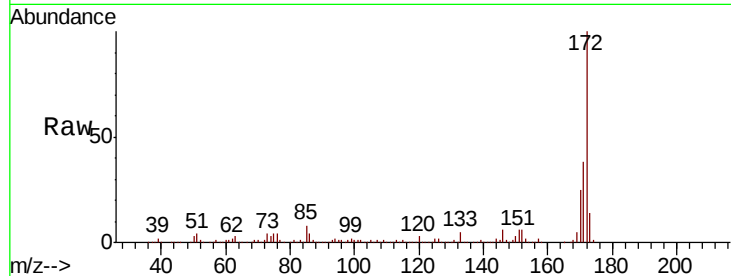




#45
 2-Fluorobiphenyl
 Concen: 78.219 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

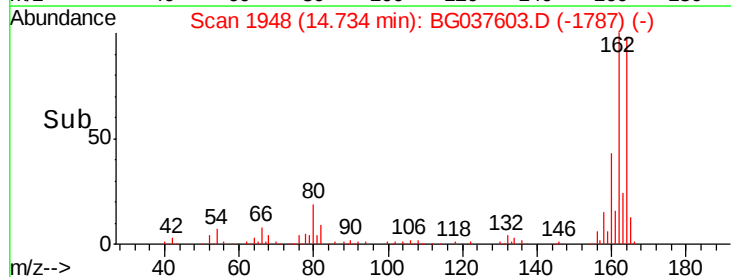
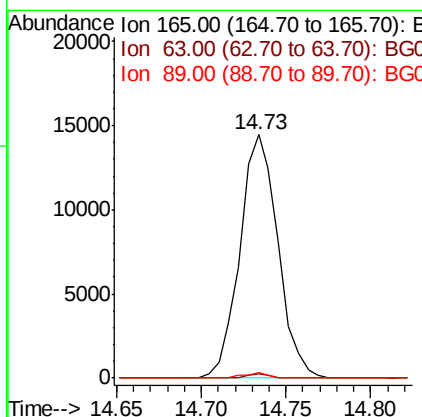
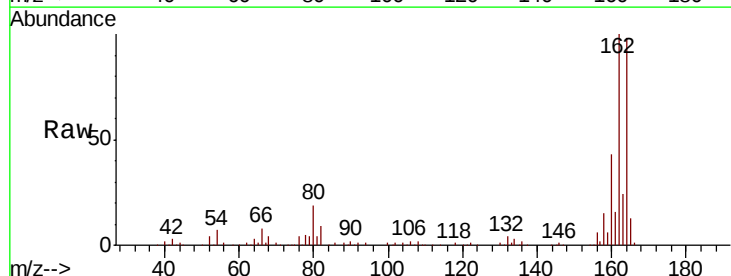
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.594 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	2.0	45.8	68.6#

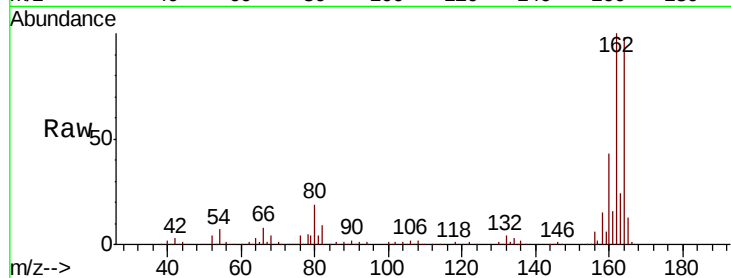




#57
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

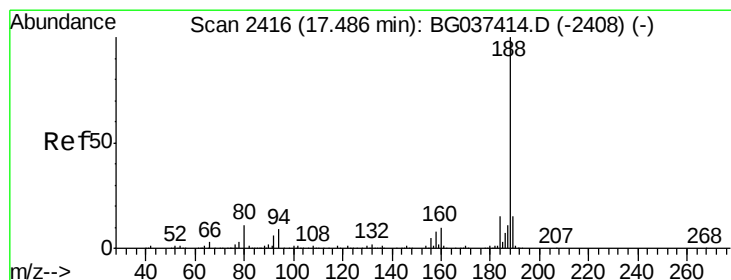
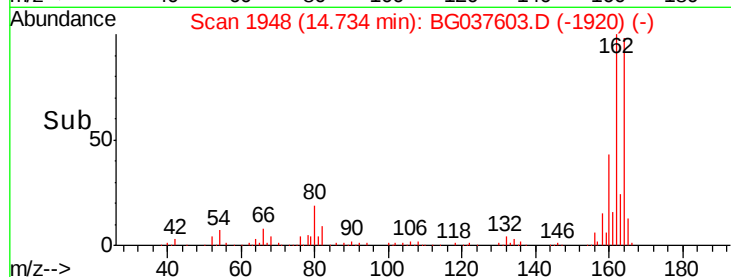
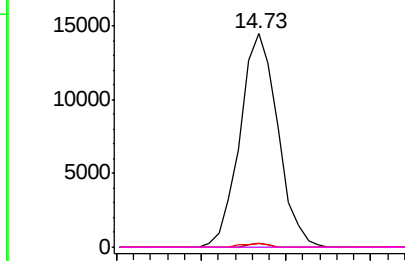


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

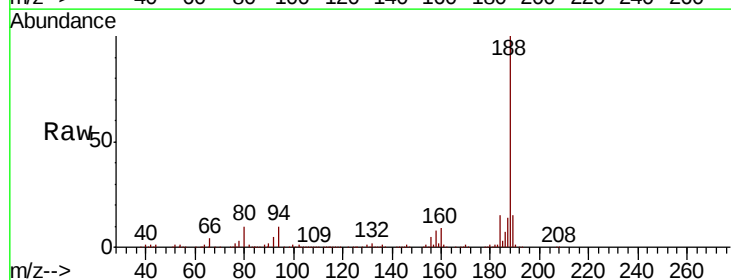
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

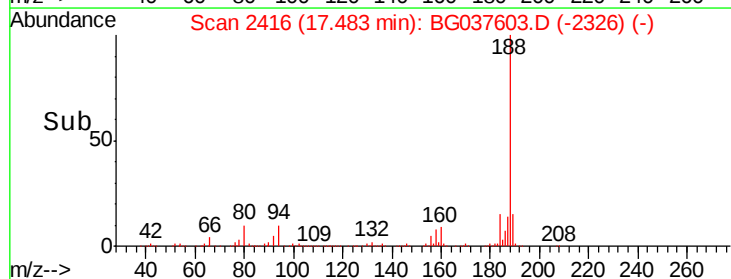
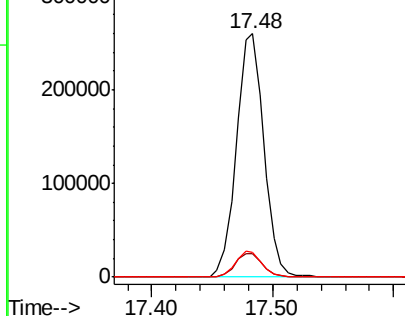
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.3	7.7	11.5

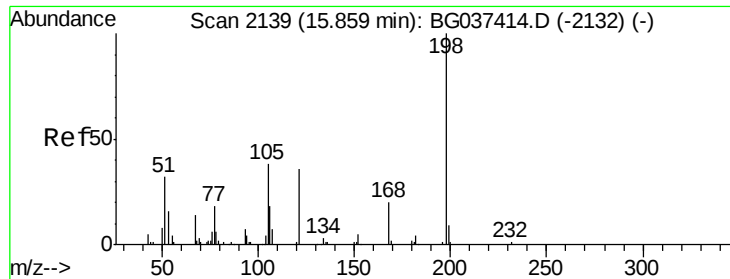


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

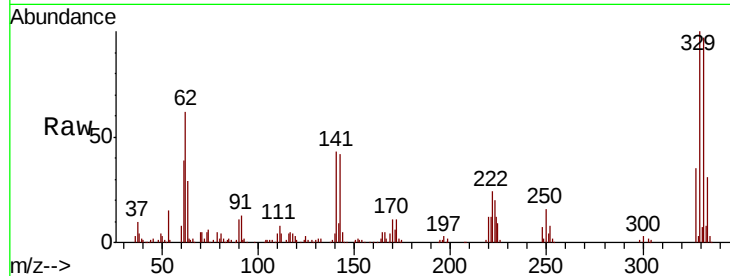




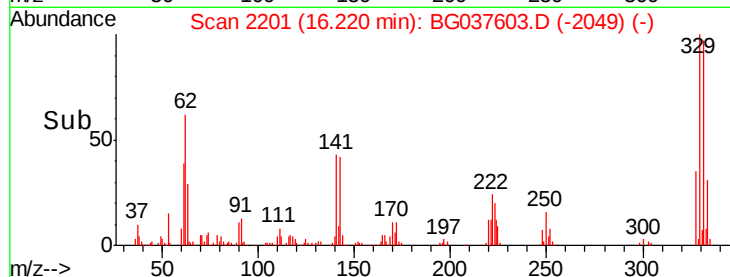
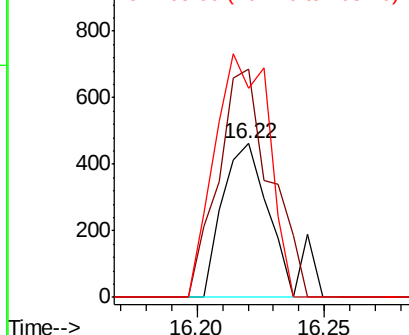
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.748 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 635
 Ion Ratio Lower Upper
 198 100
 51 26.5 22.7 62.7
 105 24.2 19.7 59.7

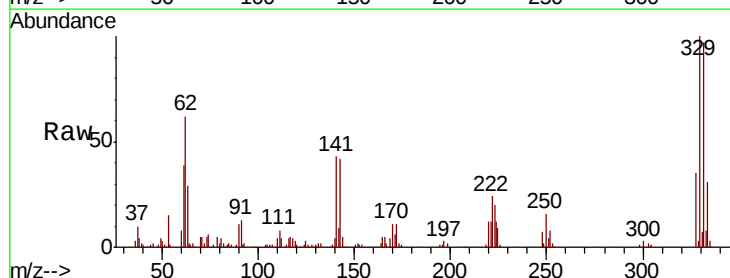


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

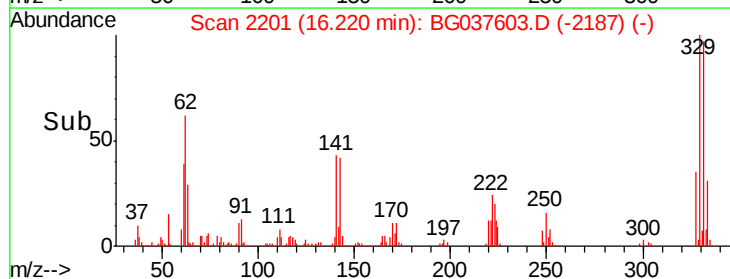
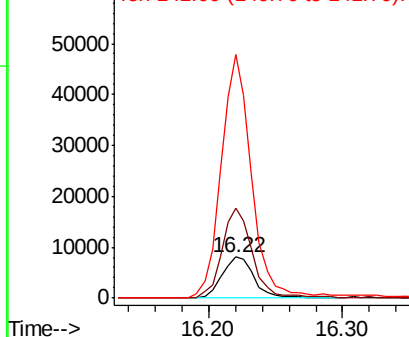


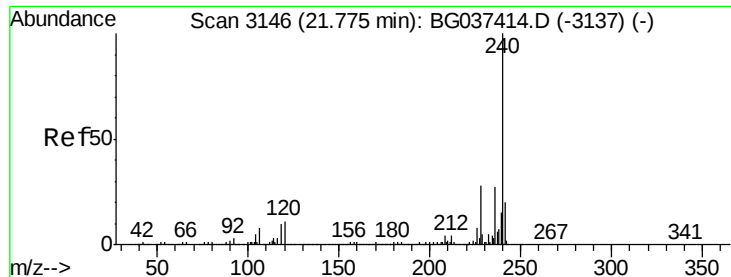
#67
 4-Bromophenyl-phenylether
 Concen: 2.973 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Tgt Ion:248 Resp: 13494
 Ion Ratio Lower Upper
 248 100
 250 209.9 77.0 115.6#
 141 451.9 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

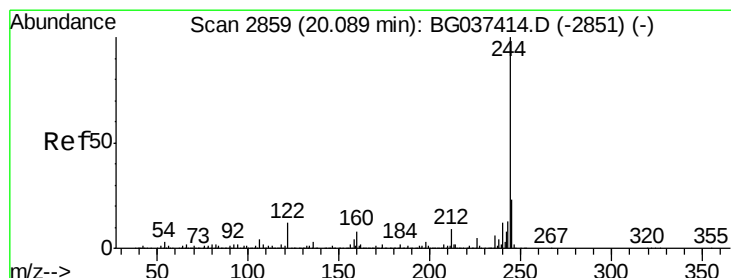
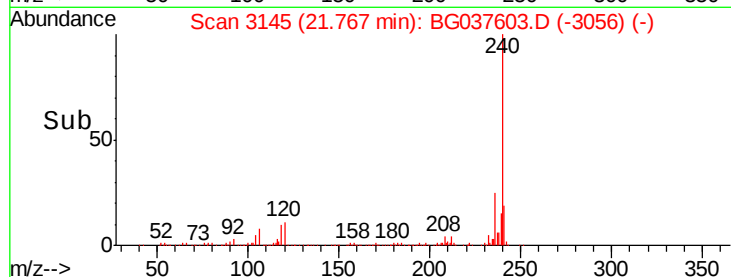
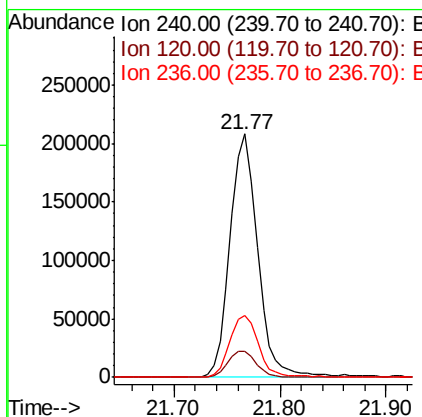
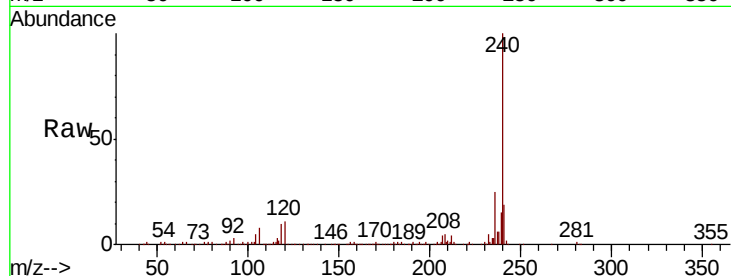




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

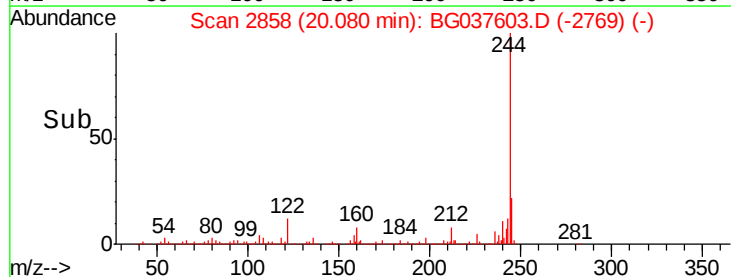
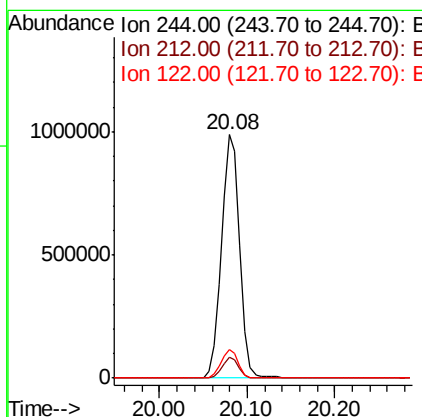
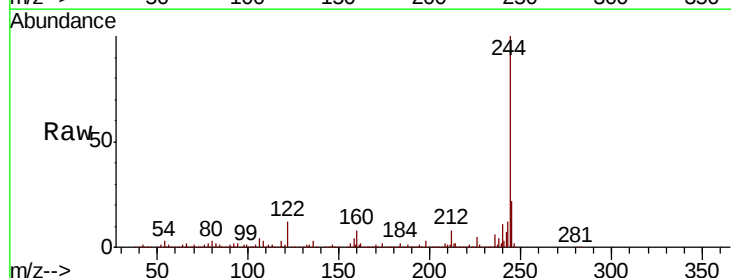
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:240 Resp: 378619
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 25.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 80.067 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Tgt Ion:244 Resp: 1418719
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.8 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.2	27.4
265	20.9	17.9	26.9

