

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037876.D
 Acq On : 7 Nov 2018 22:36
 Operator : JU/SJ
 Sample : PB114524TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 09:02:08 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

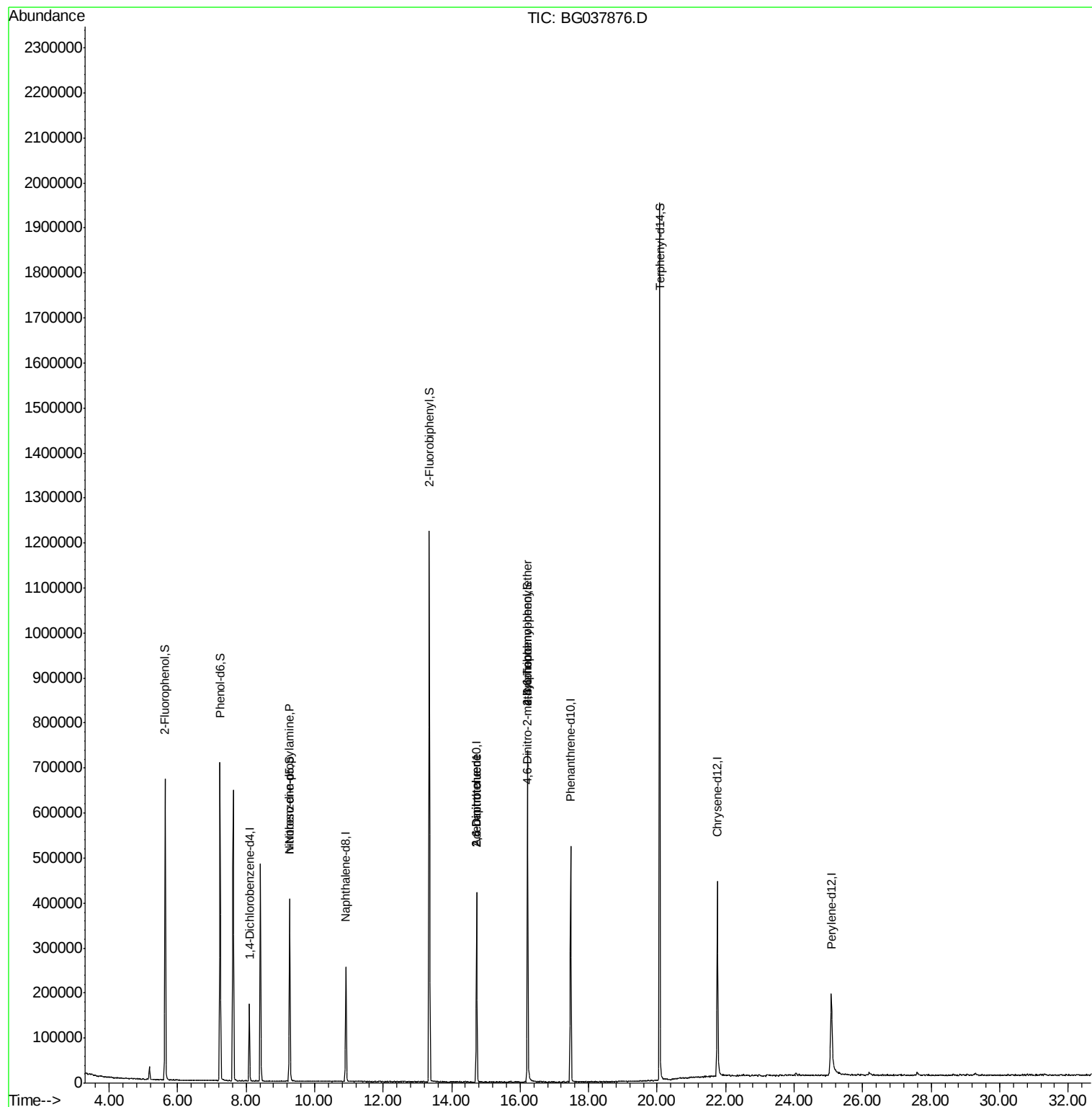
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51021	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	230995	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	154991	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	347282	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	306907	20.00	ng	-0.02
87) Perylene-d12	25.08	264	263044	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312972	102.55	ng	-0.01
7) Phenol-d6	7.24	99	451777	97.90	ng	-0.01
23) Nitrobenzene-d5	9.27	82	267212	64.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	148866	88.06	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	680526	66.21	ng	-0.02
79) Terphenyl-d14	20.07	244	966648	67.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	33220	10.45	ng	# 70
51) 2,6-Dinitrotoluene	14.72	165	19121	7.21	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	19121	5.49	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.20	198	637	8.80	ng	82
67) 4-Bromophenyl-phenylether	16.21	248	10538	2.76	ng	# 1

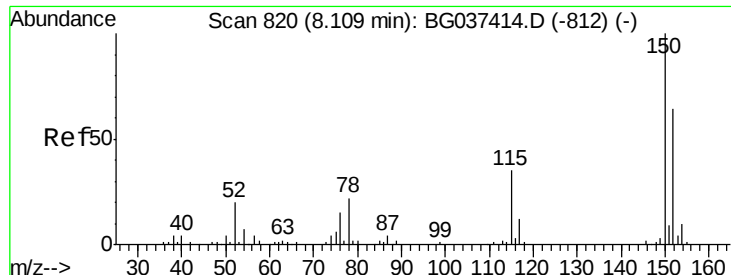
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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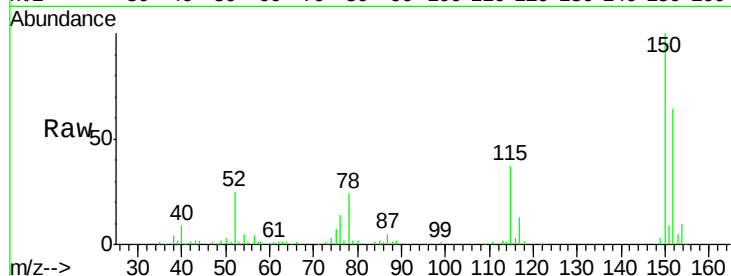


#1

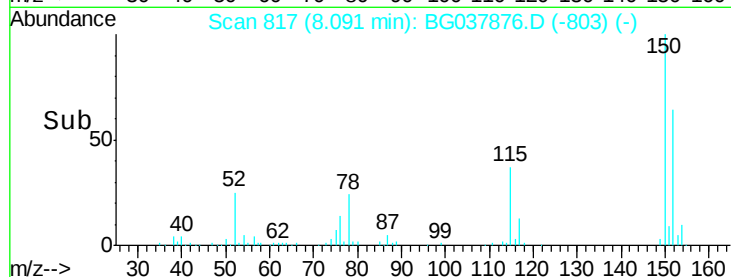
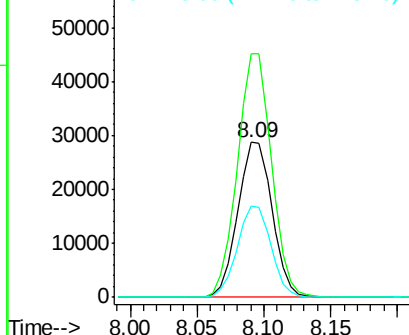
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51021
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 58.5 45.5 68.3



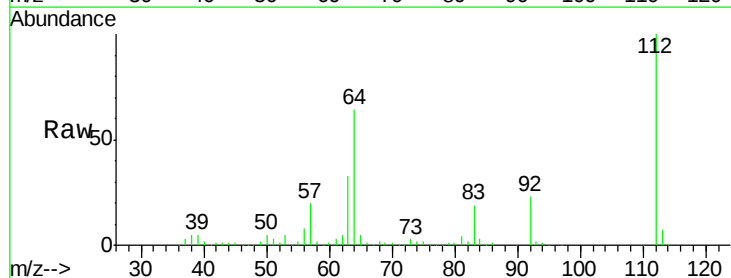
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



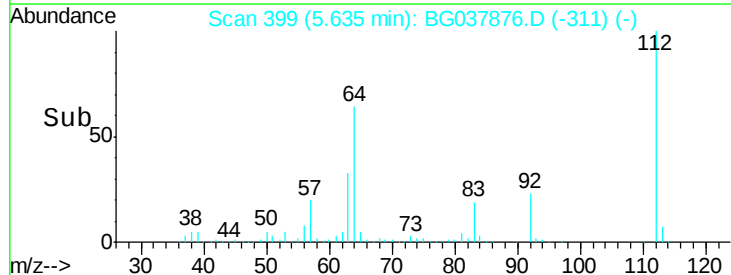
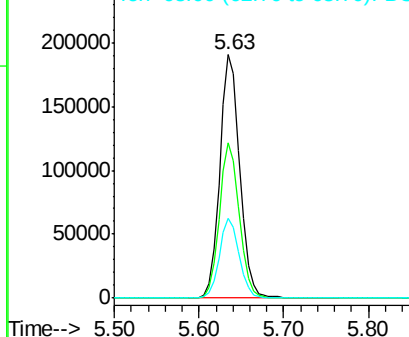
#5

2-Fluorophenol
Concen: 102.55 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Tgt Ion:112 Resp: 312972
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 33.0 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: 97.90 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

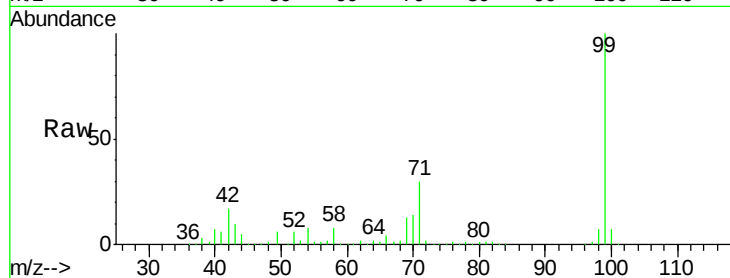
Tot Ion: 99 Resp: 451777

Ion Ratio Lower Upper

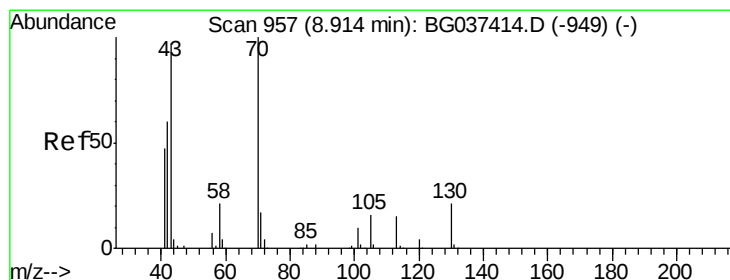
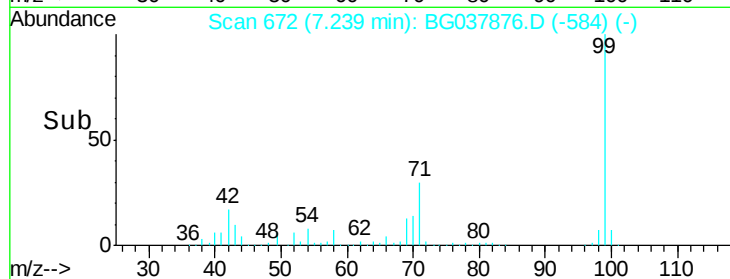
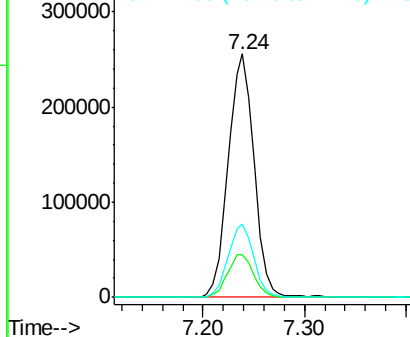
99 100

42 17.5 15.0 22.4

71 29.9 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: 10.45 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Tgt Ion: 70 Resp: 33220

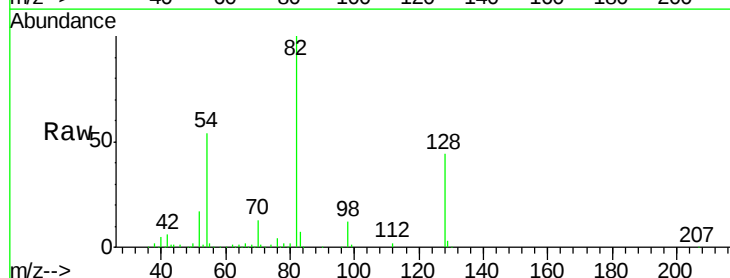
Ion Ratio Lower Upper

70 100

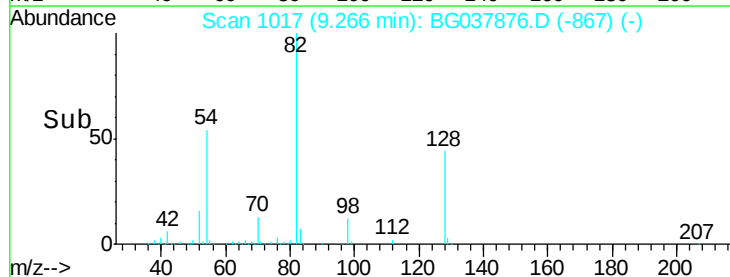
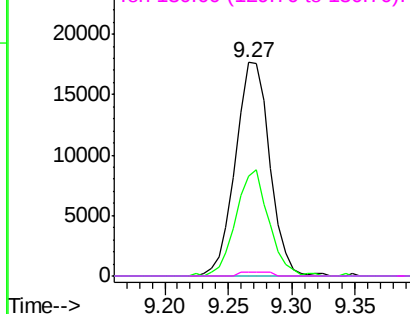
42 46.6 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 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

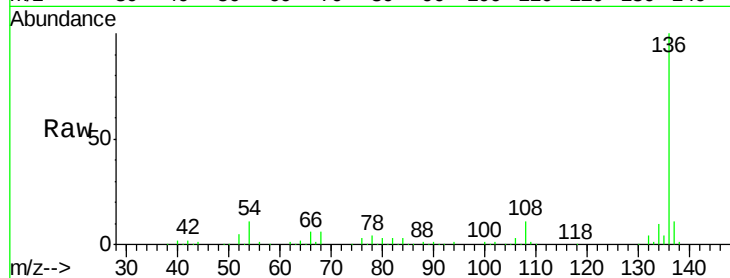




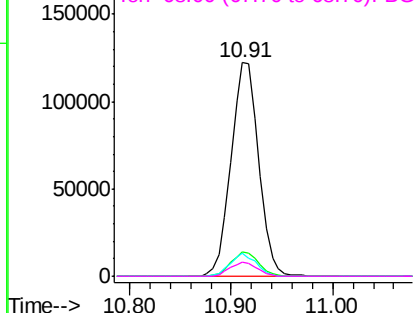
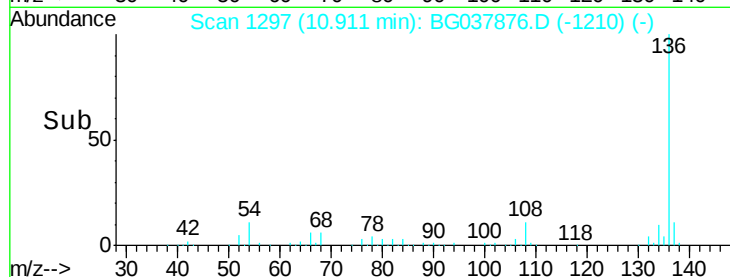
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	230995
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.8	7.9 11.9
68	6.4	4.8 7.2

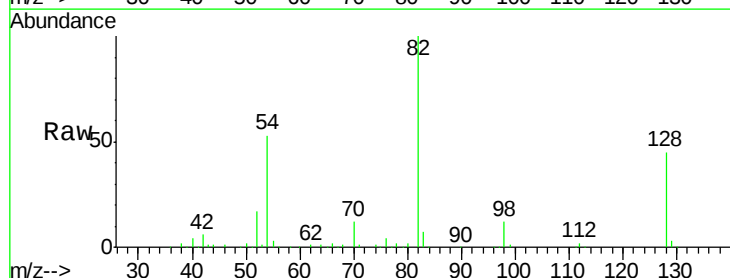


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

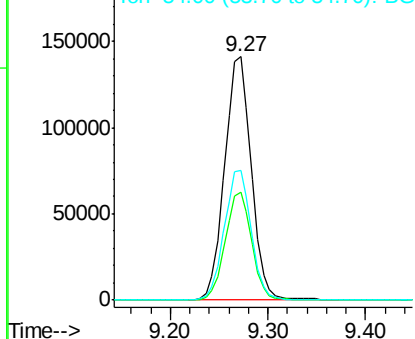
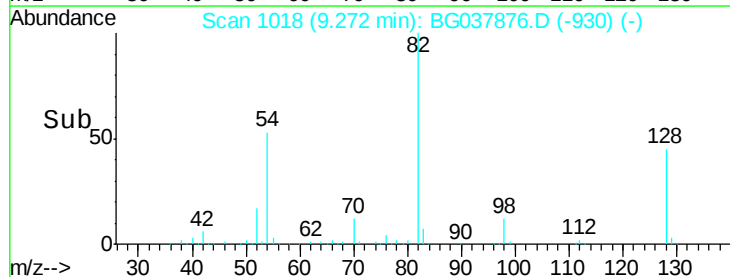


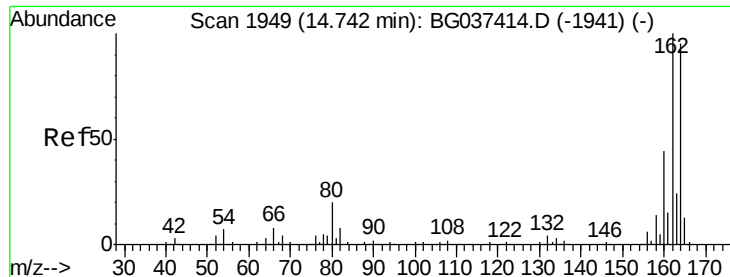
#23
Nitrobenzene-d5
Concen: 64.80 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Tgt Ion: 82	Resp:	267212
Ion	Ratio	Lower Upper
82	100	
128	44.5	34.6 51.8
54	53.1	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: 20.00 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Instrument :

BNA_G

ClientSampled :

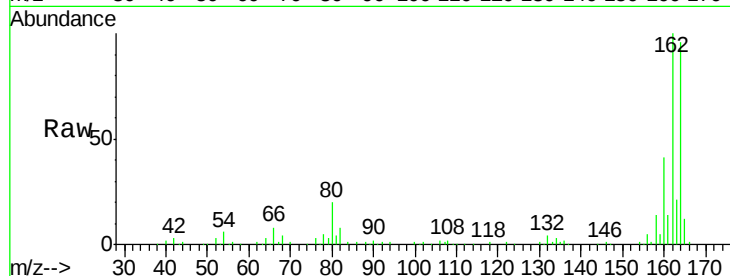
Tot Ion:164 Resp: 154991

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

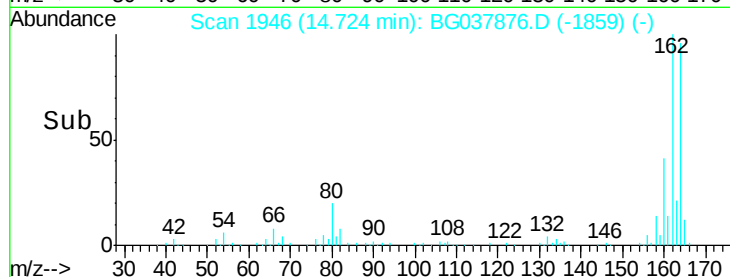
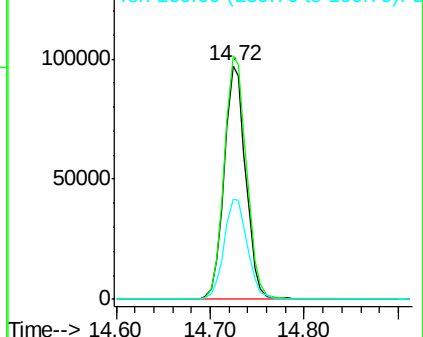
160 43.0 36.3 54.5



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: 88.06 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

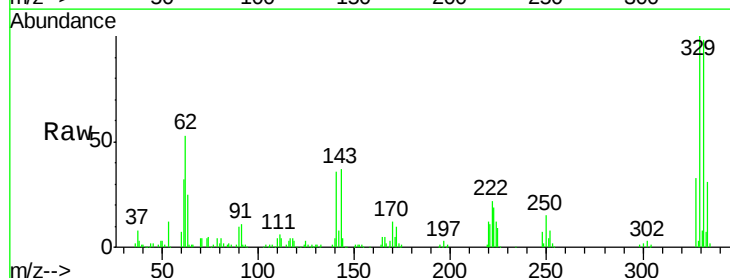
Tgt Ion:330 Resp: 148866

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

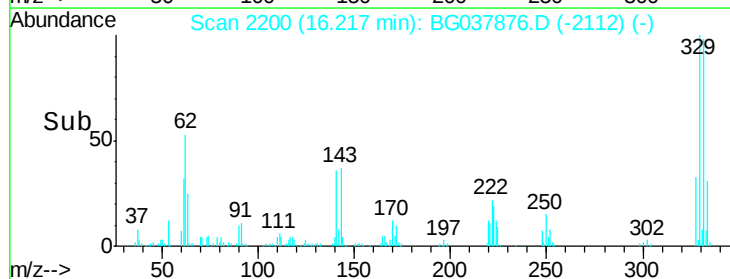
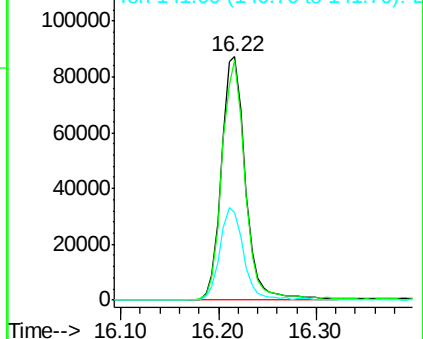
141 38.1 32.2 48.2



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

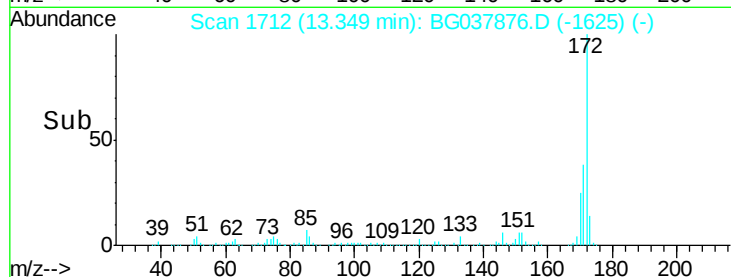
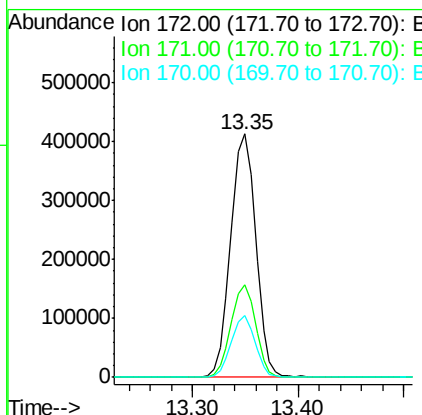
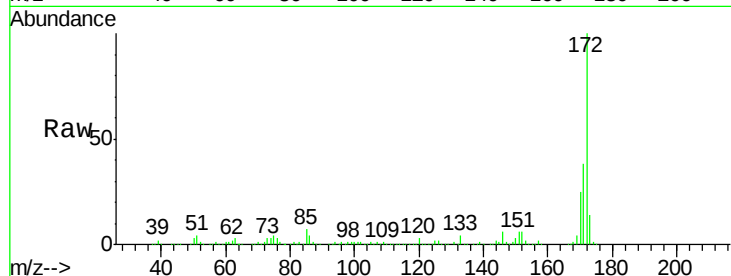




#45
 2-Fluorobiphenyl
 Concen: 66.21 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

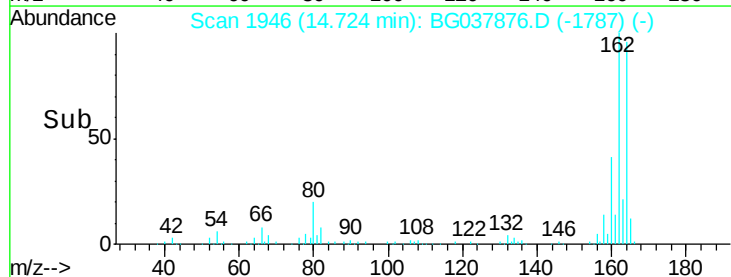
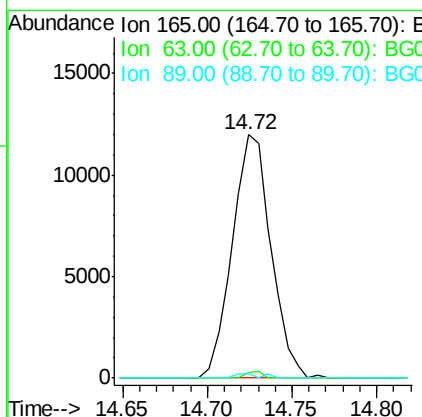
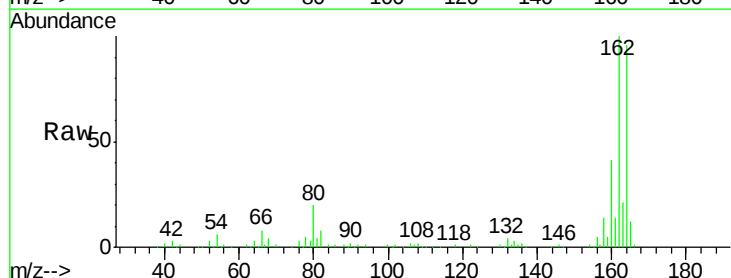
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.3	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.2#
89	1.9	45.8	68.6#

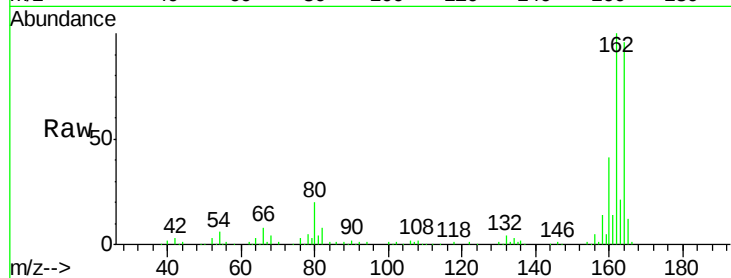




#57
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#

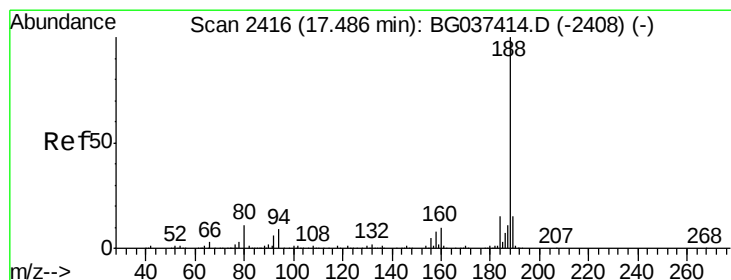
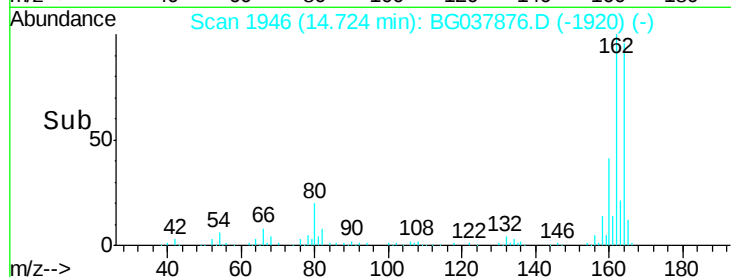
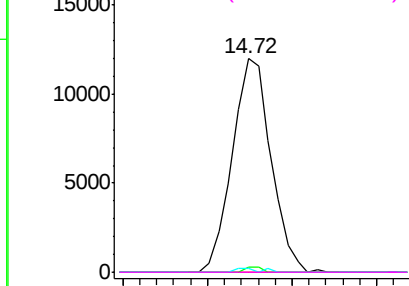


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

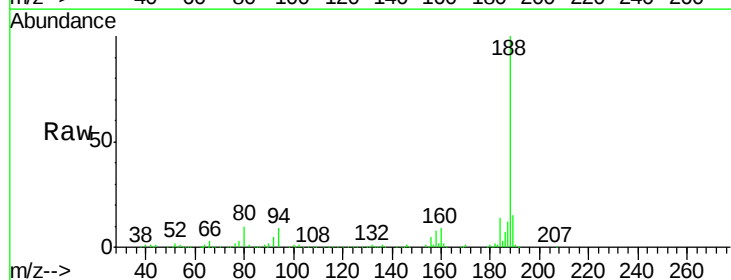
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

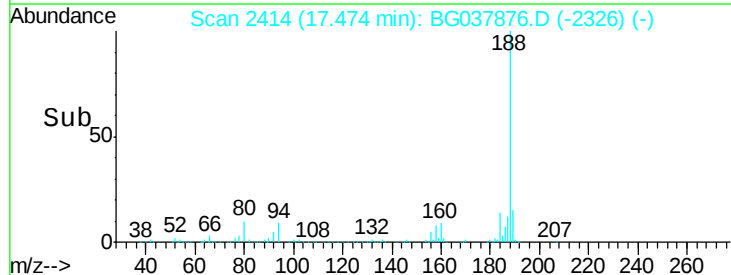
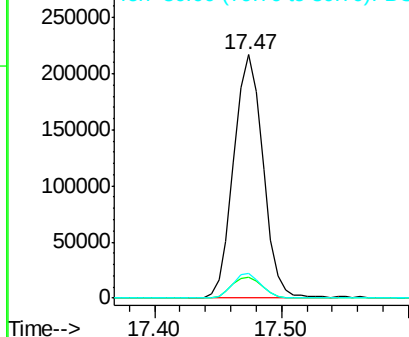
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.2	7.7	11.5



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

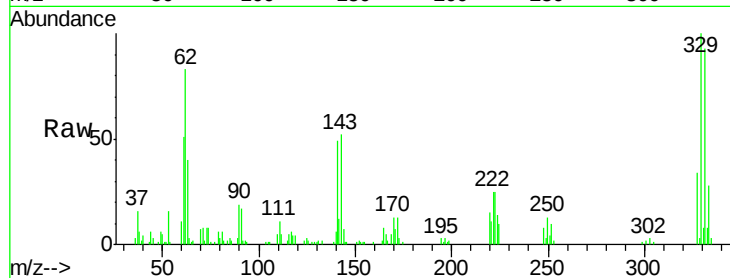




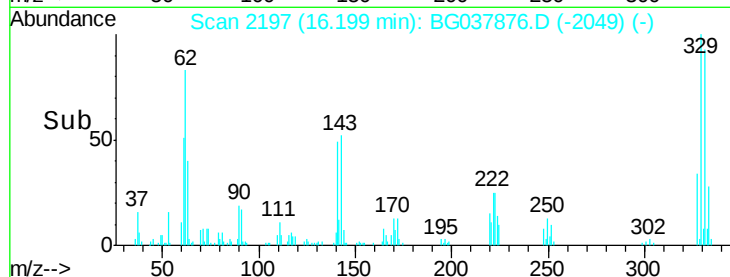
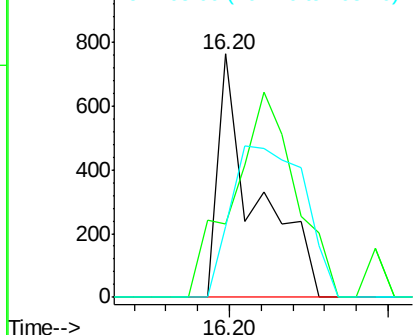
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.80 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.34 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 637
 Ion Ratio Lower Upper
 198 100
 51 30.2 22.7 62.7
 105 29.2 19.7 59.7

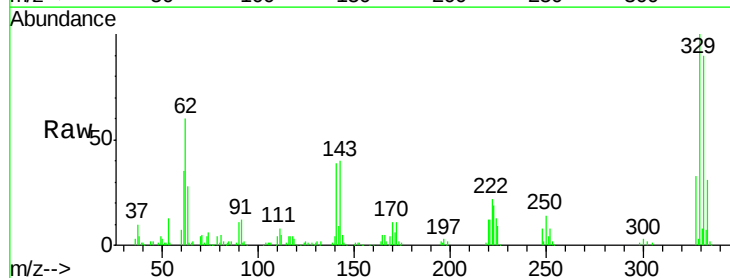


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

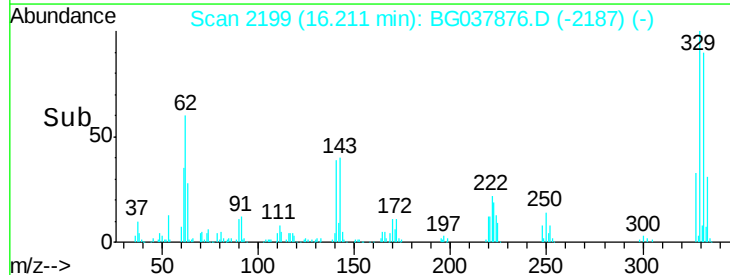
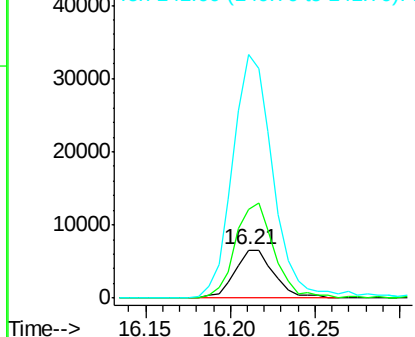


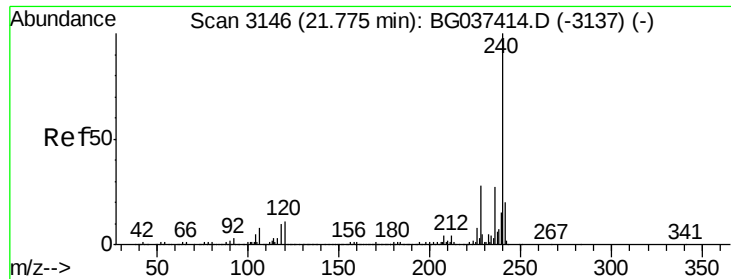
#67
 4-Bromophenyl-phenylether
 Concen: 2.76 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Tgt Ion:248 Resp: 10538
 Ion Ratio Lower Upper
 248 100
 250 183.2 77.0 115.6#
 141 399.6 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

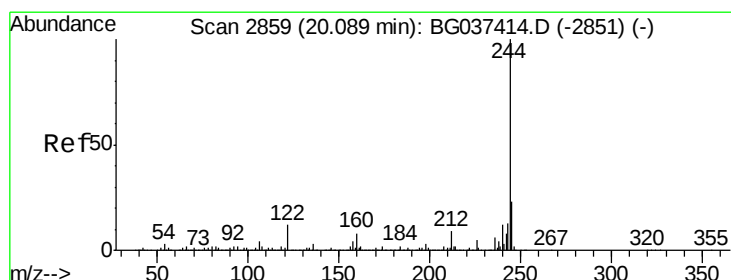
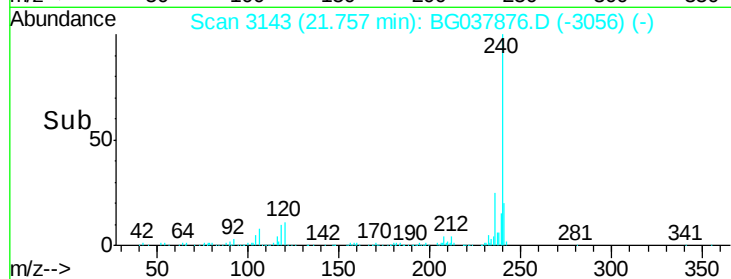
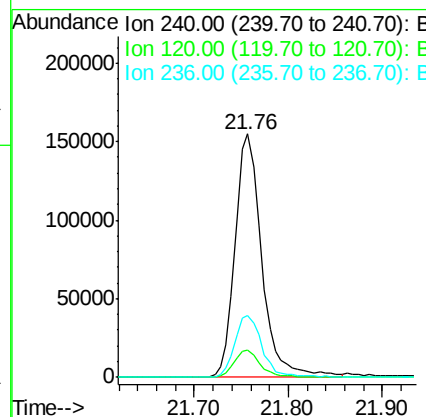
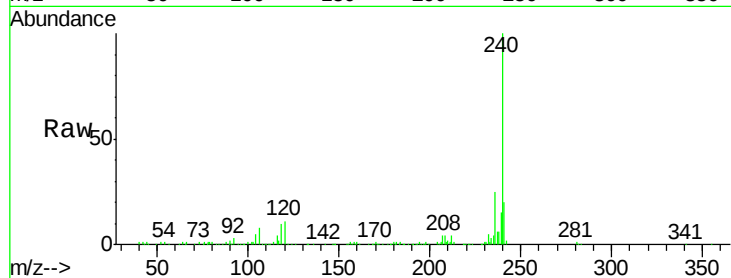




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

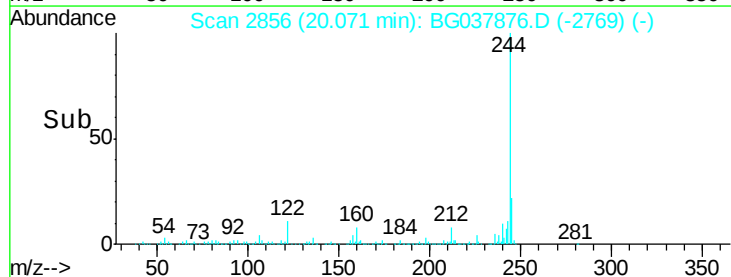
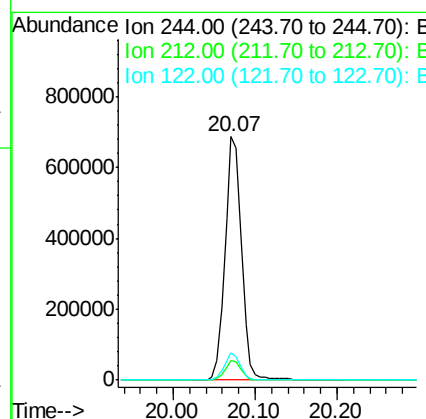
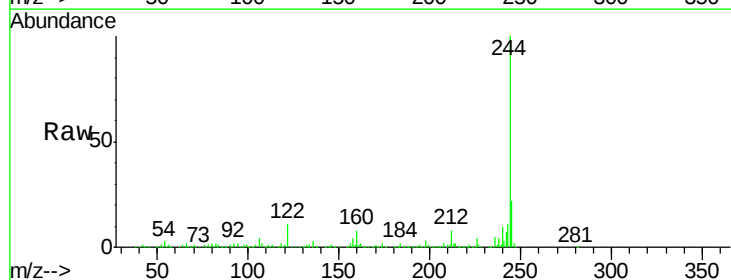
Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 306907
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.4 21.4 32.0



#79
Terphenyl-d14
Concen: 67.30 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Tgt Ion:244 Resp: 966648
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.1 9.0 13.4

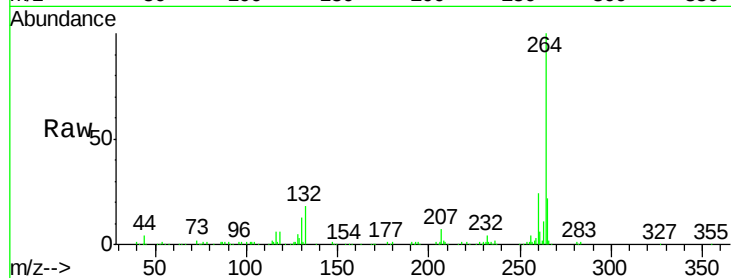




#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.0	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

