

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037644.D
 Acq On : 30 Oct 2018 4:55
 Operator : JU/SJ
 Sample : PB114248BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

Quant Time: Oct 30 05:48:24 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

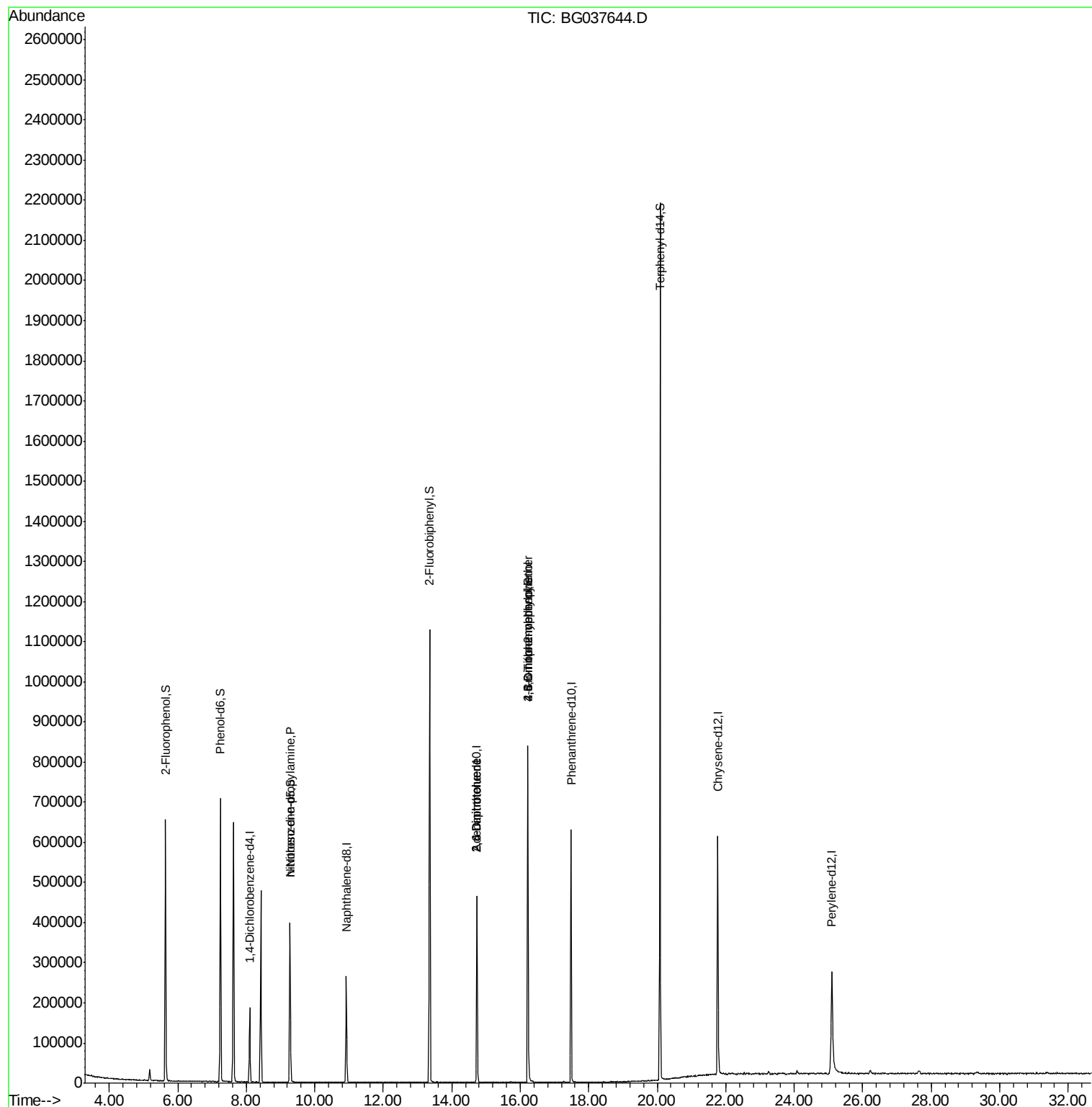
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53531	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237796	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164394	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	402657	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373961	20.00	ng	0.00
87) Perylene-d12	25.10	264	356829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	307506	96.04	ng	0.00
7) Phenol-d6	7.24	99	443676	91.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	253645	59.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159099	88.73	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	648335	59.47	ng	-0.01
79) Terphenyl-d14	20.08	244	1026262	58.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	31688	9.504	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	21613	7.682	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	21613	5.852	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	412	8.668	ng	90
67) 4-Bromophenyl-phenylether	16.22	248	11676	2.641	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: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

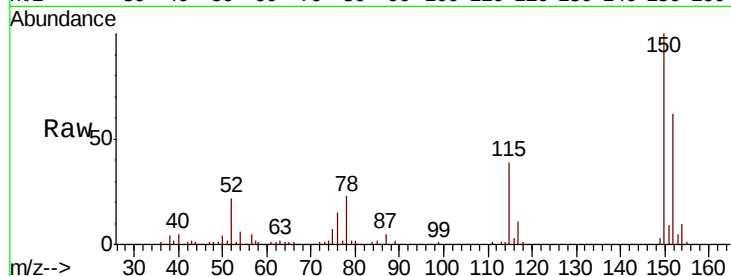
Tot Ion:152 Resp: 53531

Ion Ratio Lower Upper

152 100

150 161.2 126.0 189.0

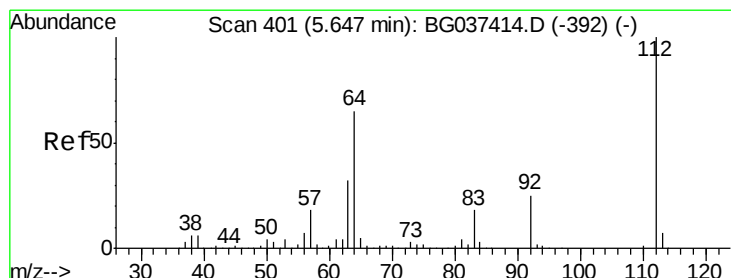
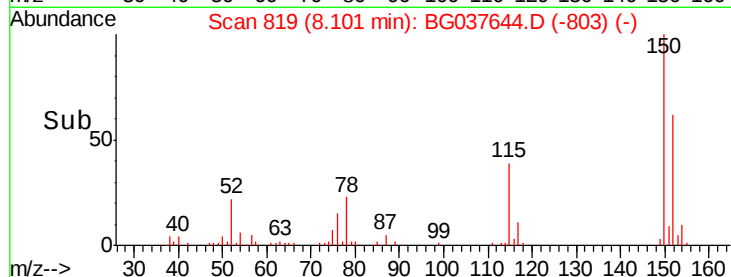
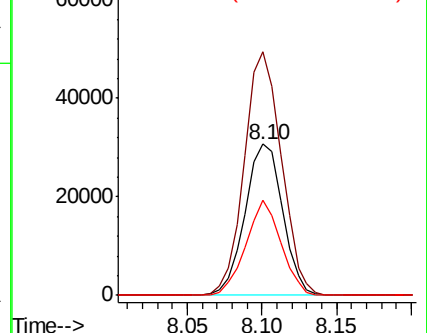
115 63.4 45.5 68.3



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: 96.039 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

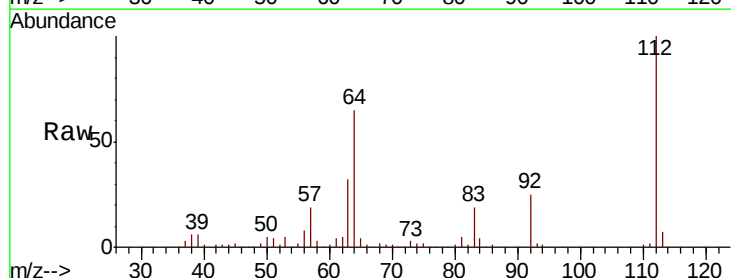
Tgt Ion:112 Resp: 307506

Ion Ratio Lower Upper

112 100

64 65.4 53.1 79.7

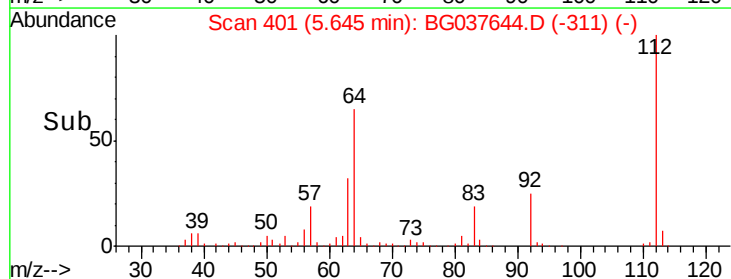
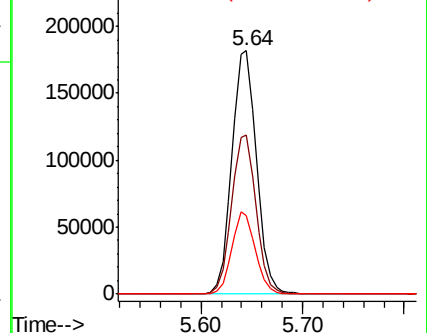
63 32.1 27.3 40.9



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: 91.637 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

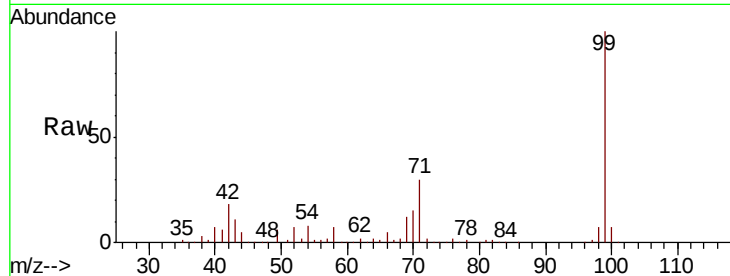
Tot Ion: 99 Resp: 443676

Ion Ratio Lower Upper

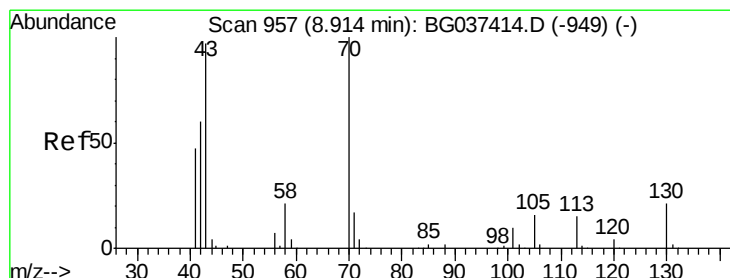
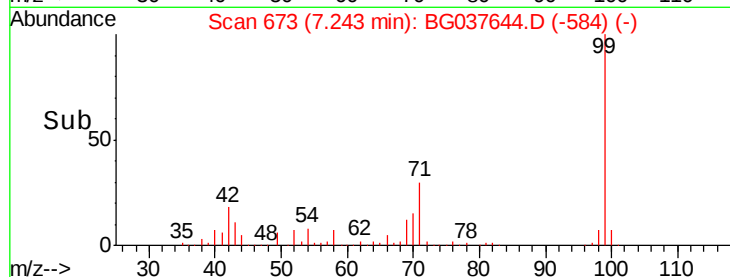
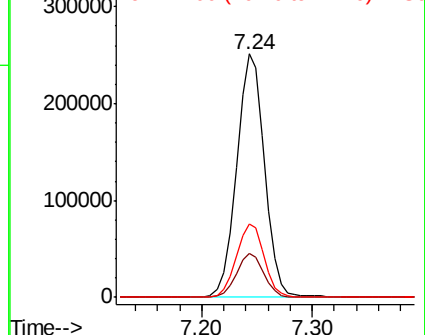
99 100

42 17.8 15.0 22.4

71 30.4 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: 9.504 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

Tgt Ion: 70 Resp: 31688

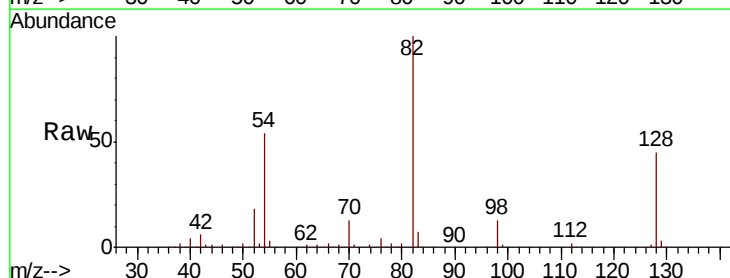
Ion Ratio Lower Upper

70 100

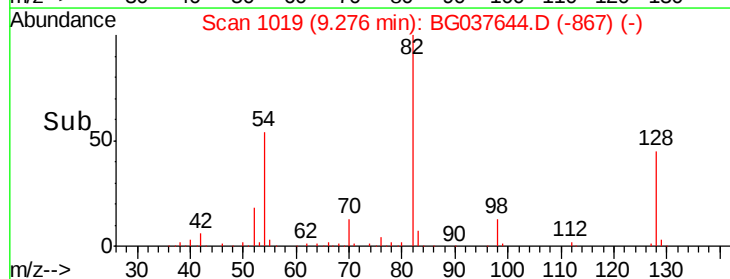
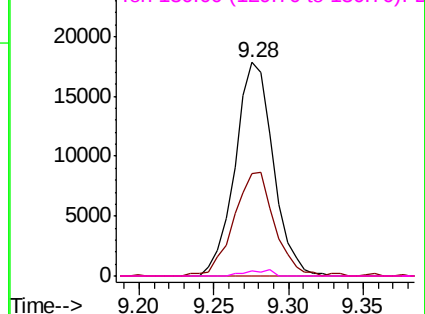
42 47.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 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

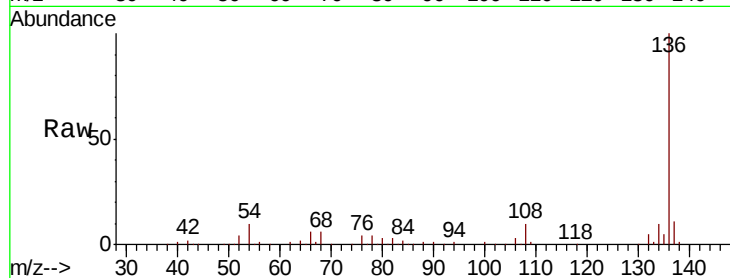




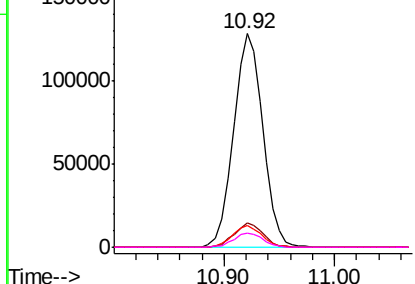
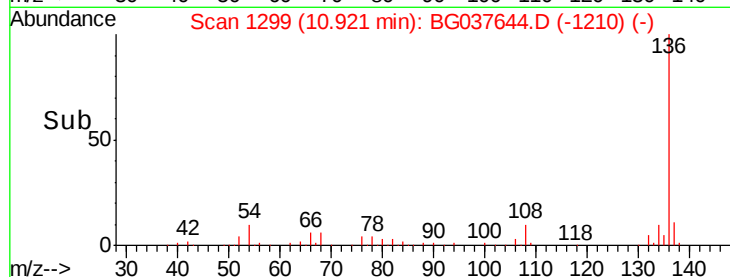
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Instrument :
BNA_G
ClientSampleId :
PB114248BL

Tot Ion:136	Resp:	237796
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.6 14.4
54	10.3	7.9 11.9
68	6.5	4.8 7.2

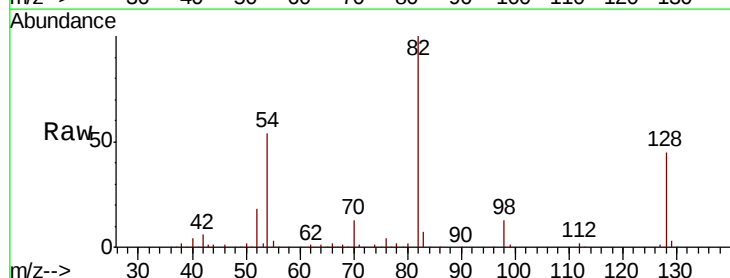


Abundance Ion 136.00 (135.70 to 136.70): BGC
200000
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

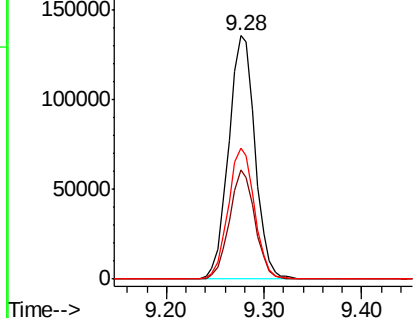
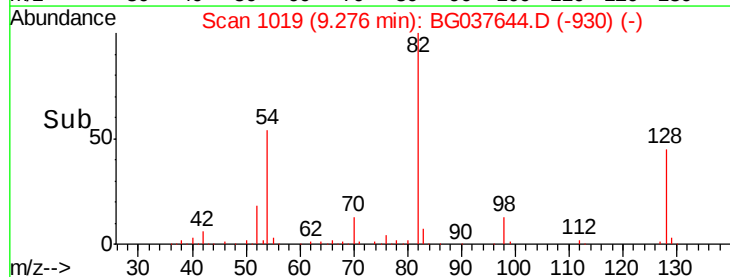


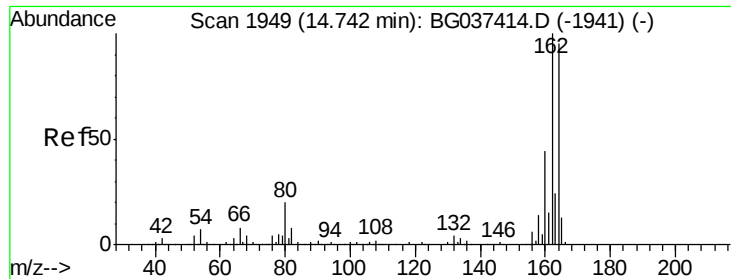
#23
Nitrobenzene-d5
Concen: 59.753 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Tgt Ion: 82	Resp:	253645
Ion	Ratio	Lower Upper
82	100	
128	44.9	34.6 51.8
54	53.6	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

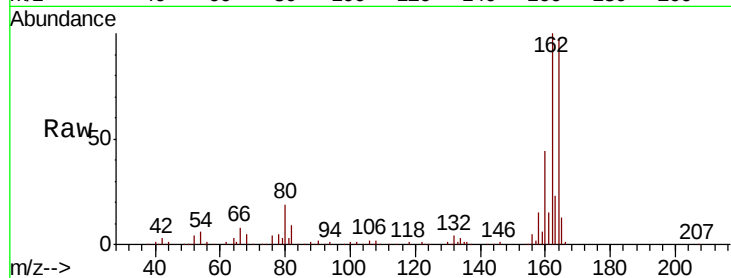
Tot Ion:164 Resp: 164394

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 45.2 36.3 54.5

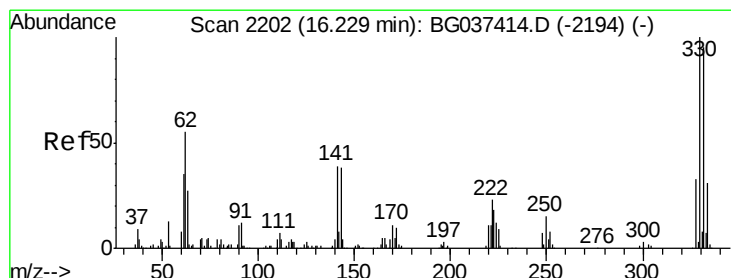
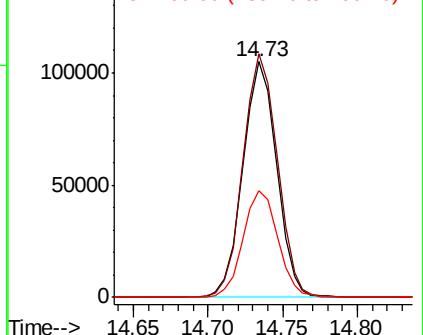
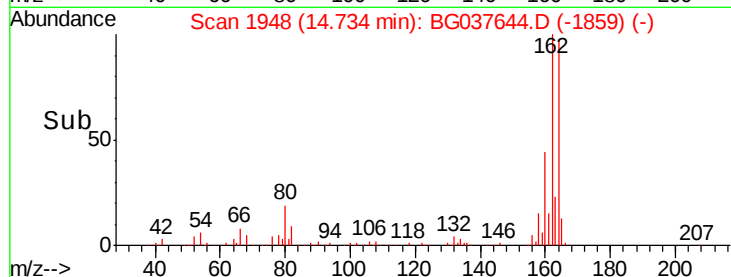


Abundance

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: 88.732 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

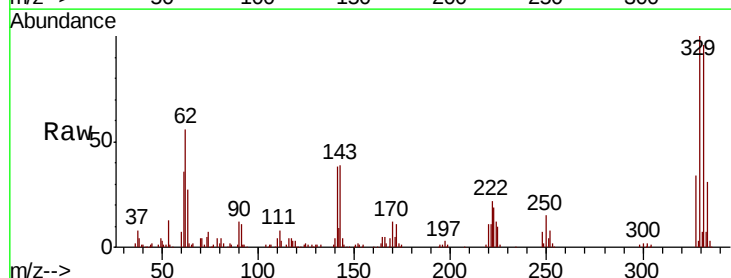
Tgt Ion:330 Resp: 159099

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

141 38.6 32.2 48.2

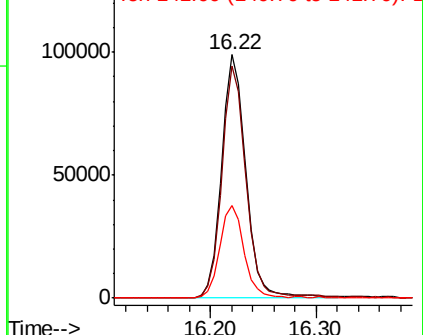
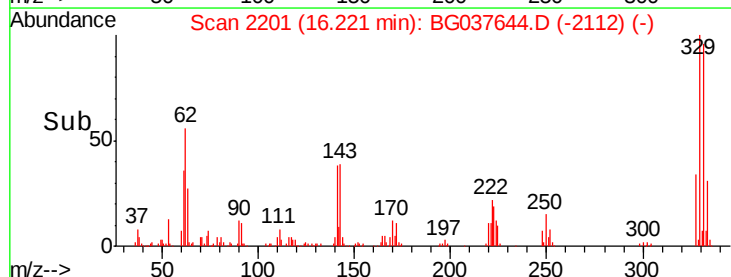


Abundance

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

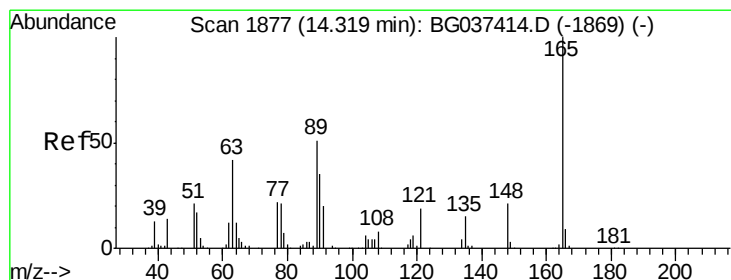
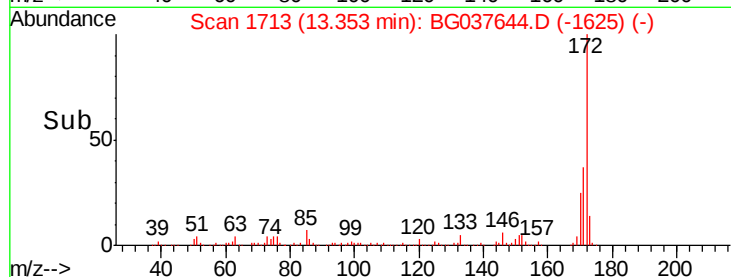
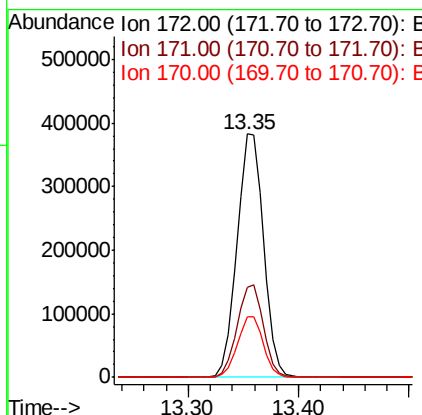
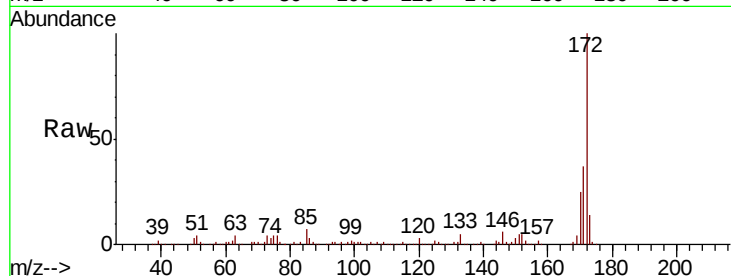




#45
2-Fluorobiphenyl
Concen: 59.470 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

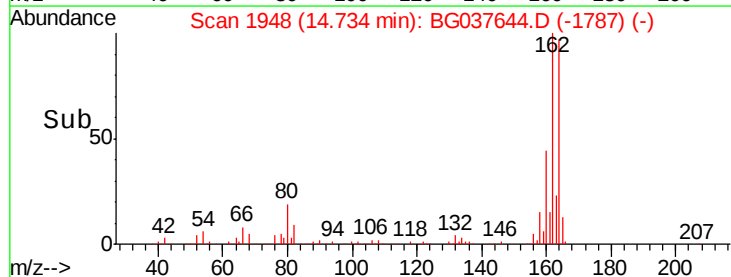
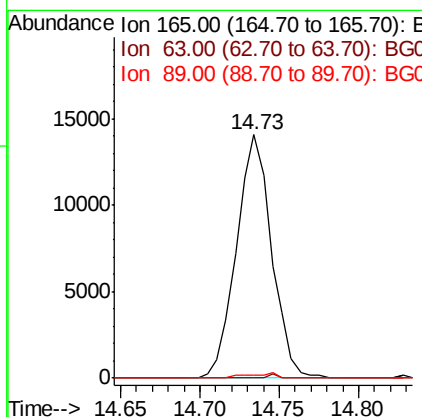
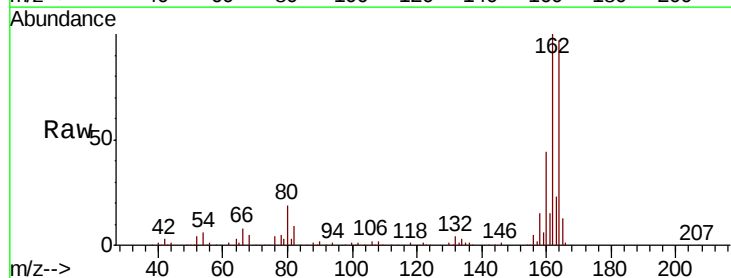
Instrument :
BNA_G
ClientSampleId :
PB114248BL

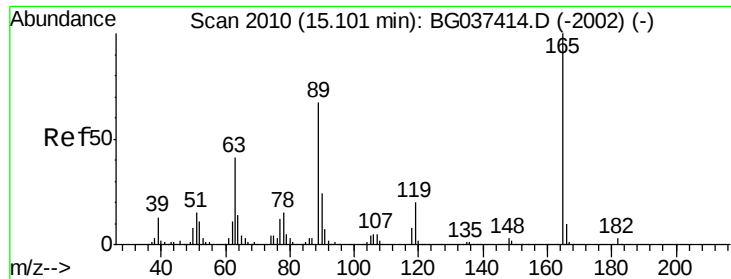
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.7	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.682 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.4	45.8	68.6#

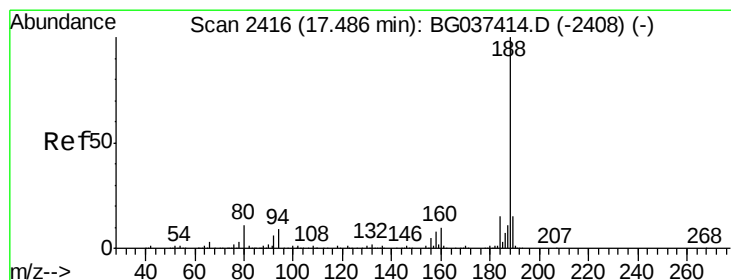
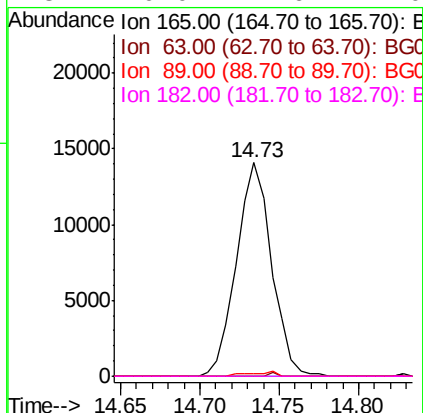
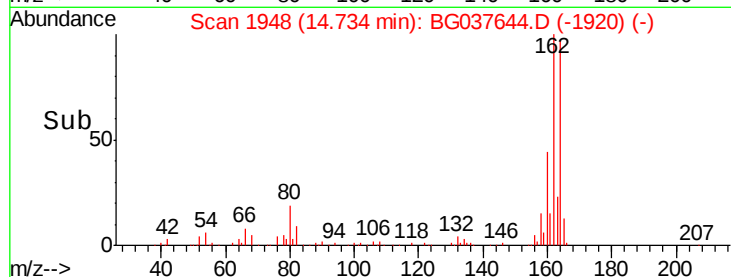
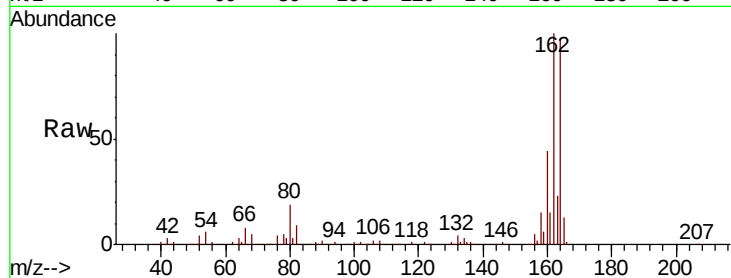




#57
 2,4-Dinitrotoluene
 Concen: 5.852 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

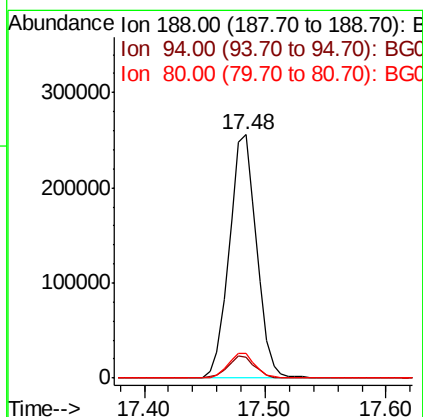
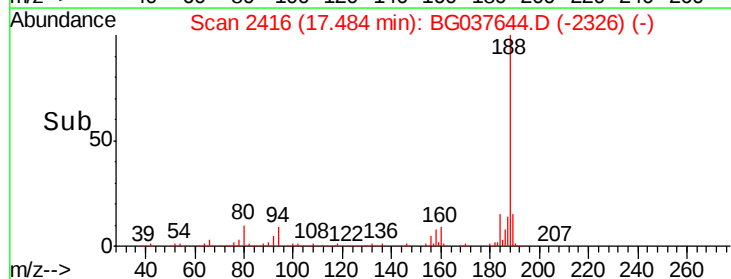
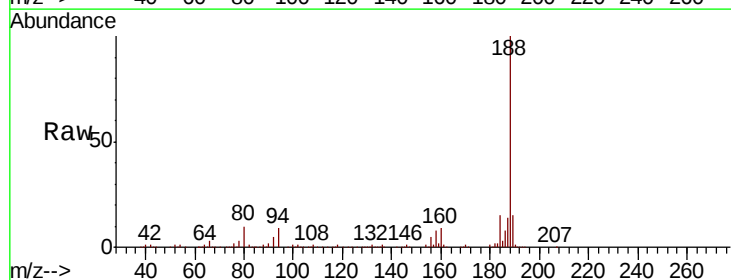
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

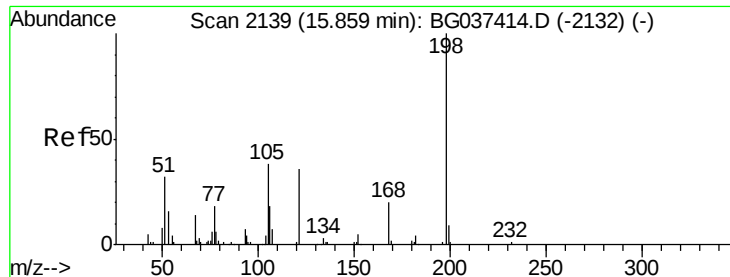
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.1	7.7	11.5

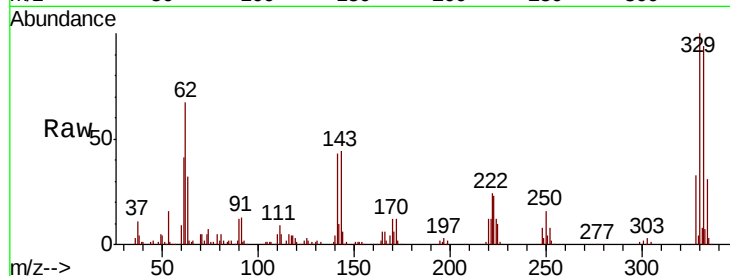




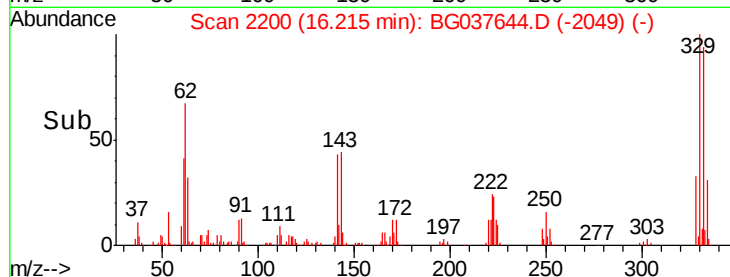
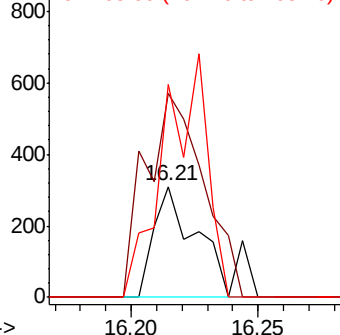
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.668 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

Tot Ion:198 Resp: 412
 Ion Ratio Lower Upper
 198 100
 51 33.9 22.7 62.7
 105 35.5 19.7 59.7

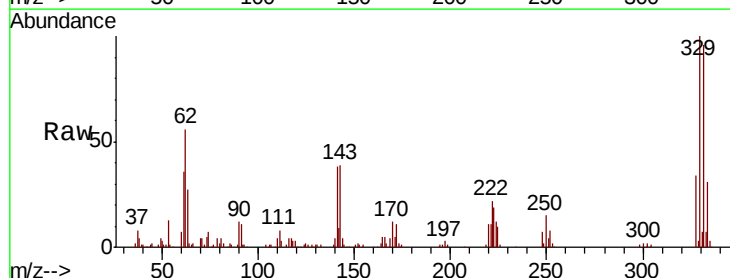


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

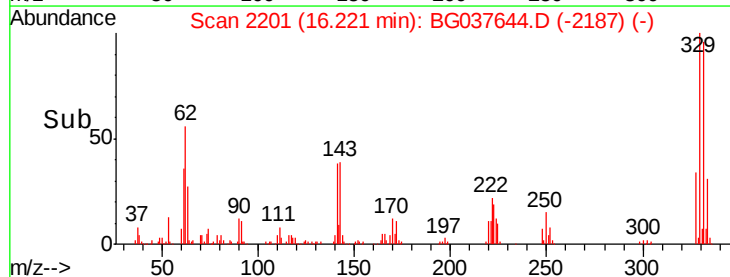
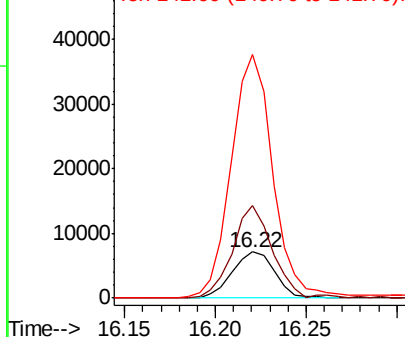


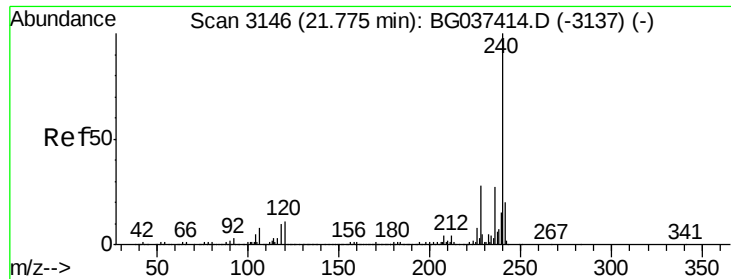
#67
 4-Bromophenyl-phenylether
 Concen: 2.641 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Tgt Ion:248 Resp: 11676
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.0 115.6#
 141 391.4 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

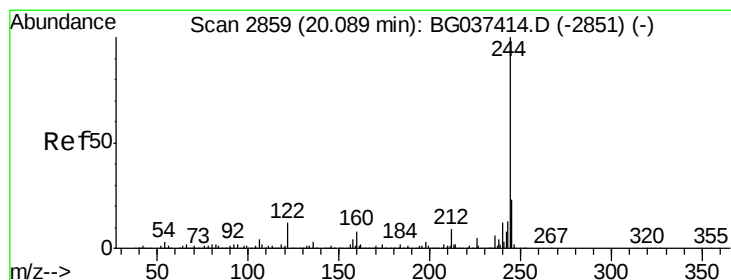
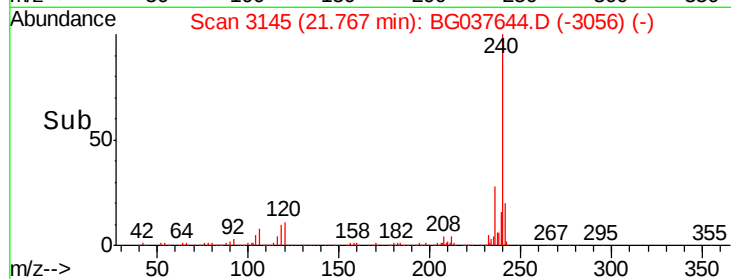
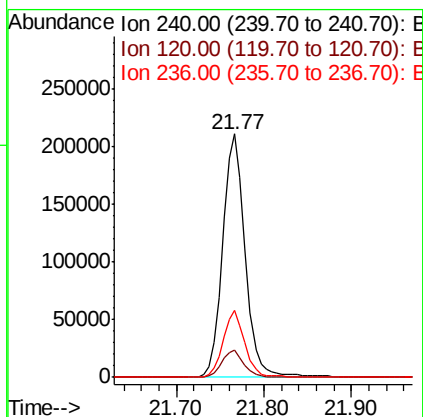
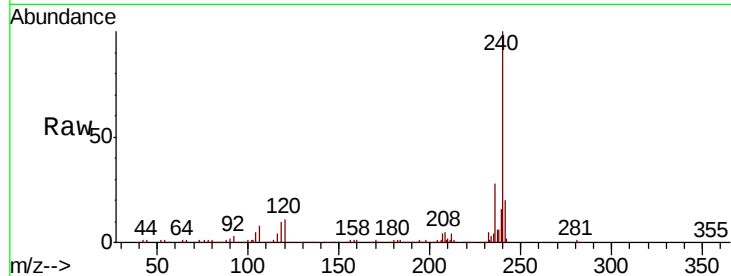




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

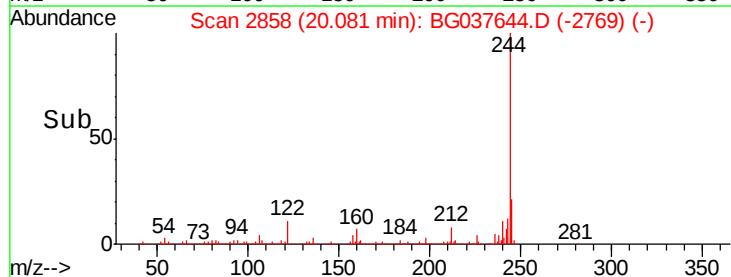
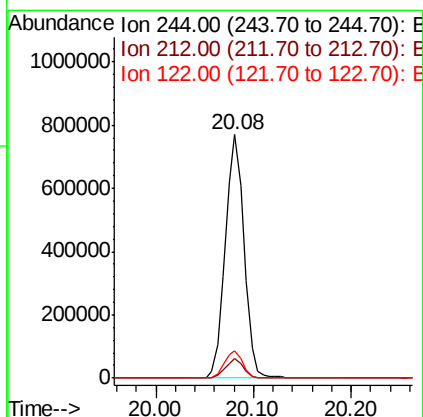
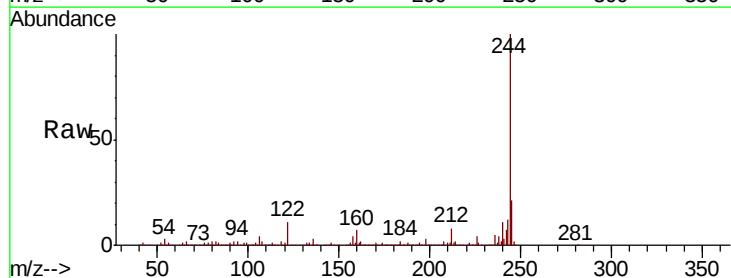
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

Tot Ion:240 Resp: 373961
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 58.639 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Tgt Ion:244 Resp: 1026262
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.0 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: BG037644.D
Acq: 30 Oct 2018 4:55

Instrument :
BNA_G
ClientSampleId :
PB114248BL

Tot Ion: 264 Resp: 356829
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.4
265 21.6 17.9 26.9

