

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037661.D
 Acq On : 30 Oct 2018 19:55
 Operator : JU/SJ
 Sample : PB114322BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Quant Time: Oct 31 08:02:07 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

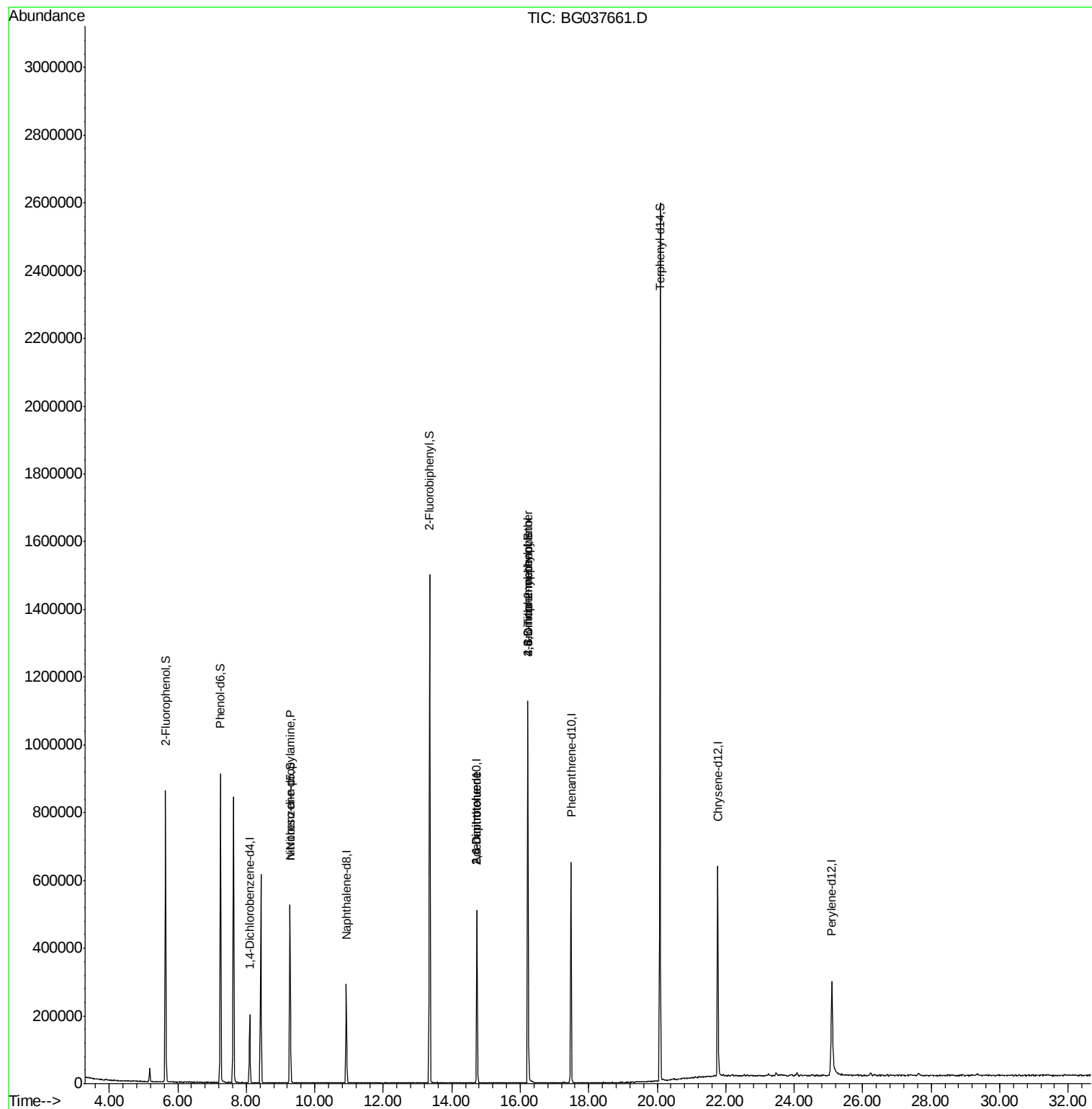
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59253	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	259435	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	182109	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	437175	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398904	20.00	ng	0.00
87) Perylene-d12	25.10	264	382906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	402821	113.66	ng	0.00
7) Phenol-d6	7.25	99	582253	108.65	ng	0.00
23) Nitrobenzene-d5	9.28	82	333101	71.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	213103	107.29	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	838822	69.46	ng	0.00
79) Terphenyl-d14	20.08	244	1287410	68.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	41757	11.315	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	23775	7.628	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23775	5.811	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	623	8.731	ng	86
67) 4-Bromophenyl-phenylether	16.22	248	15632	3.256	ng	# 1

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

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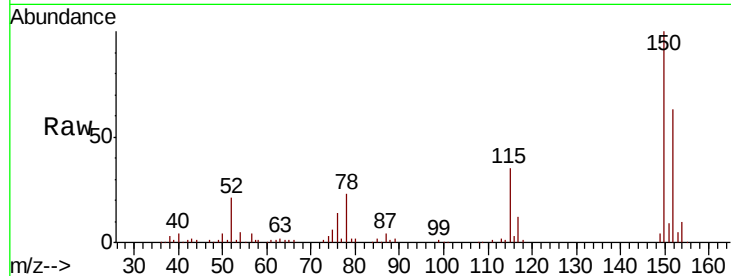


#1

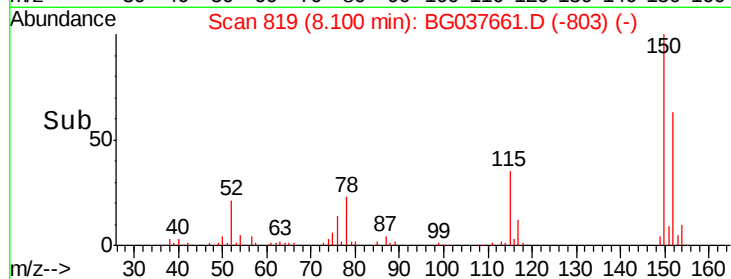
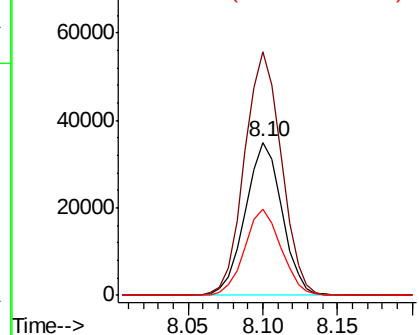
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Instrument :
BNA_G
ClientSampleId :
PB114322BL

Tgt Ion:152 Resp: 59253
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 56.0 45.5 68.3



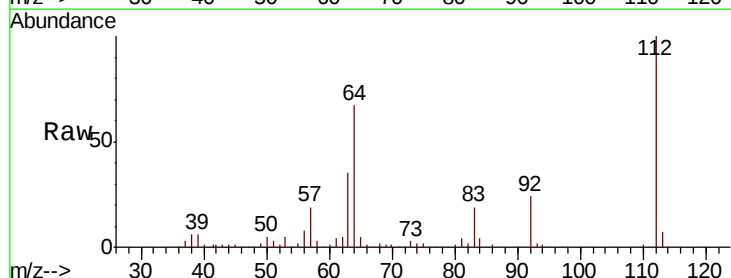
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



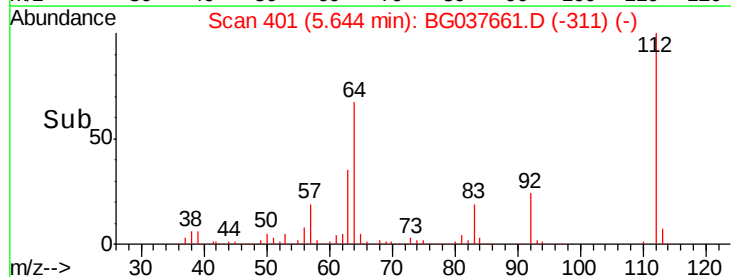
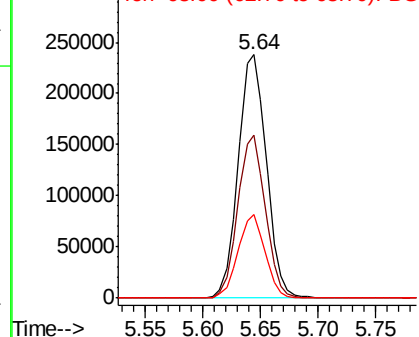
#5

2-Fluorophenol
Concen: 113.658 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Tgt Ion:112 Resp: 402821
Ion Ratio Lower Upper
112 100
64 67.2 53.1 79.7
63 34.6 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: 108.646 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

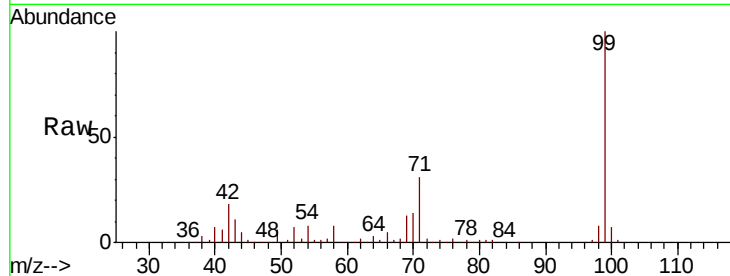
Tgt Ion: 99 Resp: 582253

Ion Ratio Lower Upper

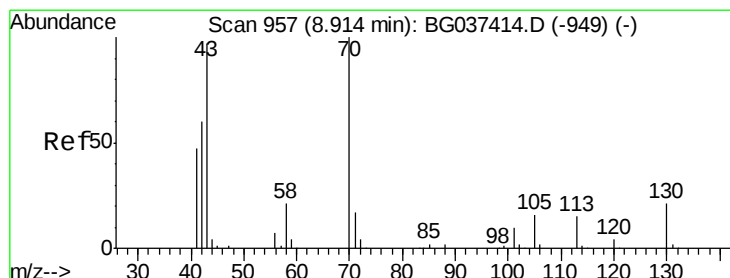
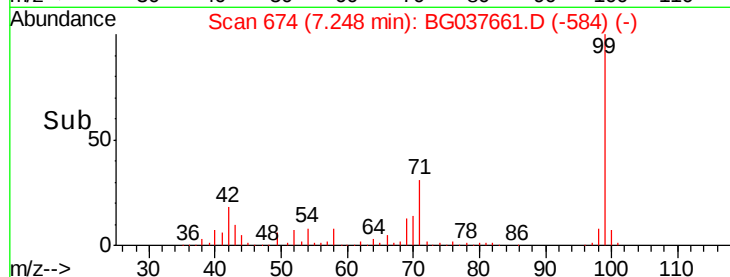
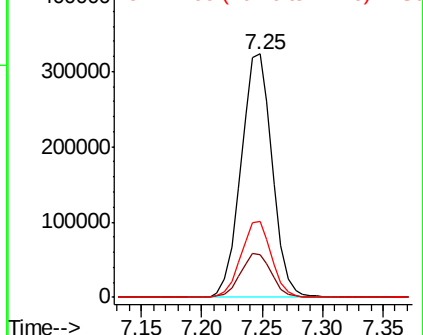
99 100

42 17.7 15.0 22.4

71 31.2 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: 11.315 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Tgt Ion: 70 Resp: 41757

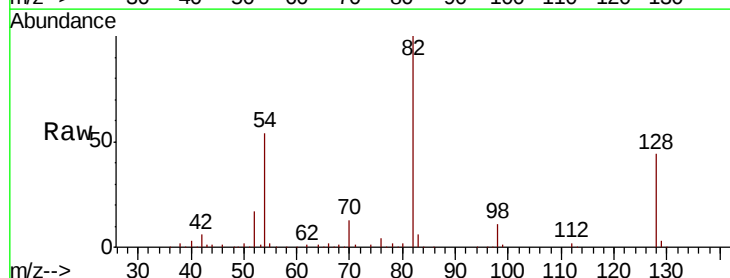
Ion Ratio Lower Upper

70 100

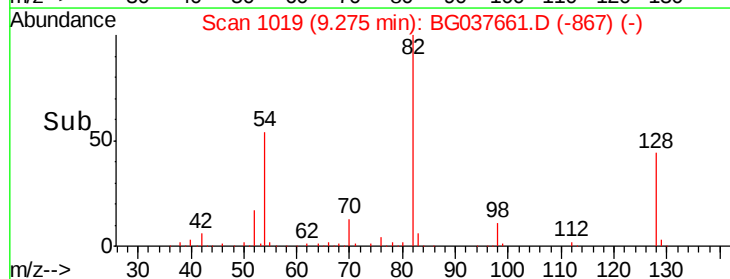
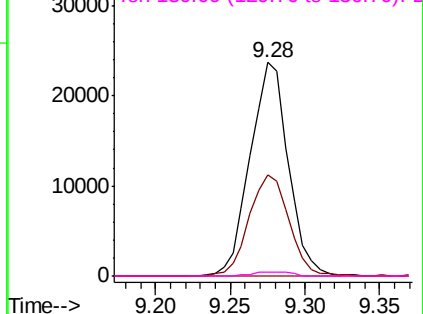
42 47.4 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 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

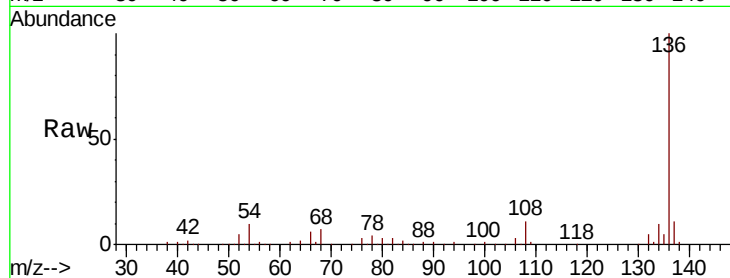




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Instrument :
BNA_G
ClientSampleId :
PB114322BL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.1	7.9	11.9
68	6.7	4.8	7.2



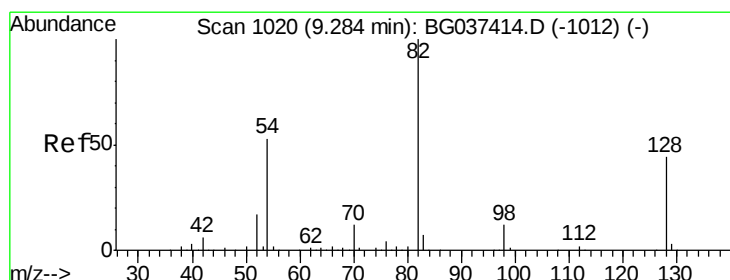
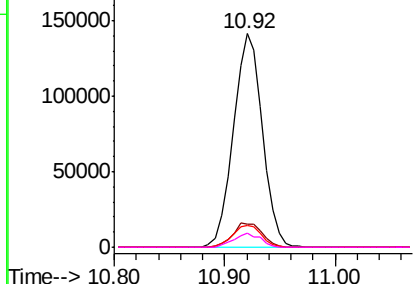
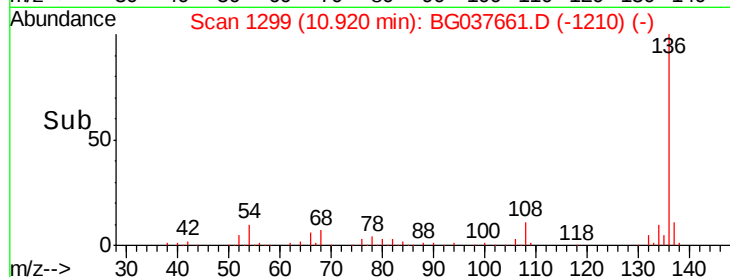
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

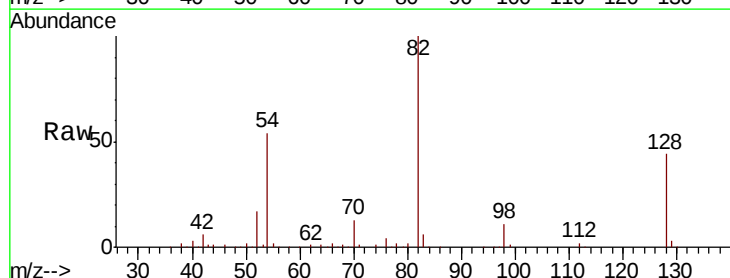
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 71.925 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	54.1	45.3	67.9

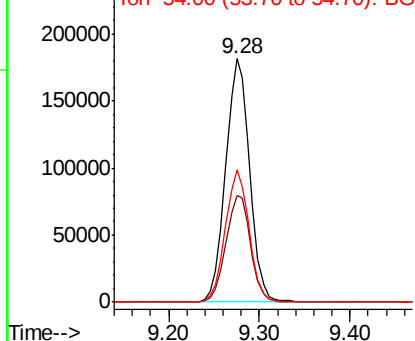
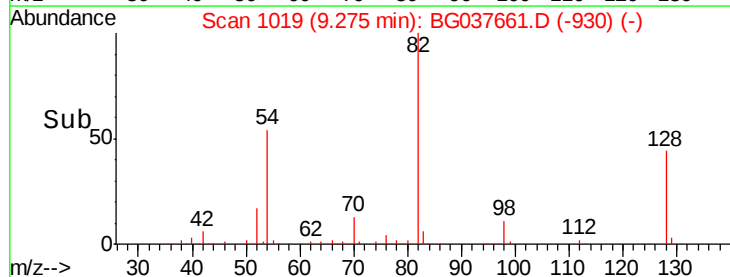


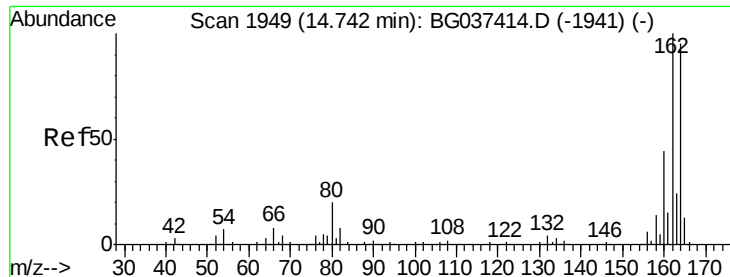
Abundance

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: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

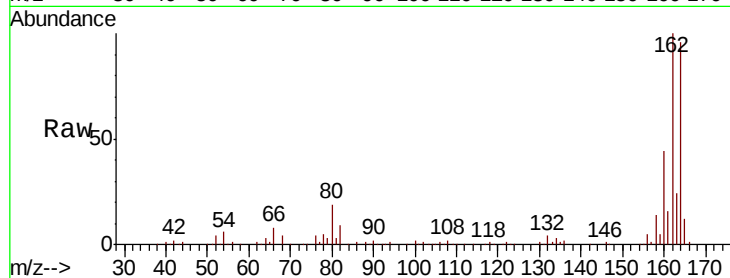
Tgt Ion:164 Resp: 182109

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

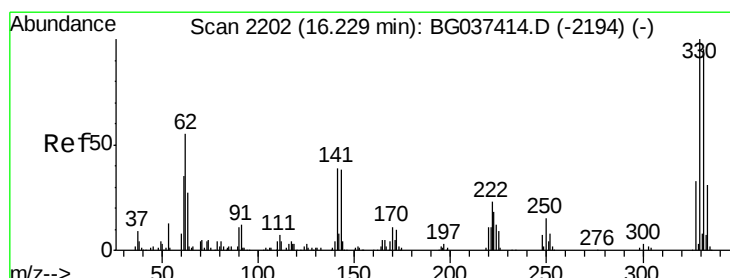
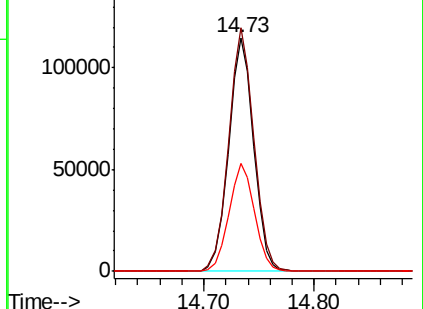
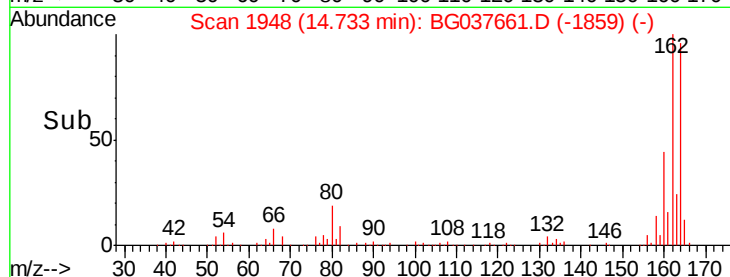
160 46.2 36.3 54.5



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: 107.289 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

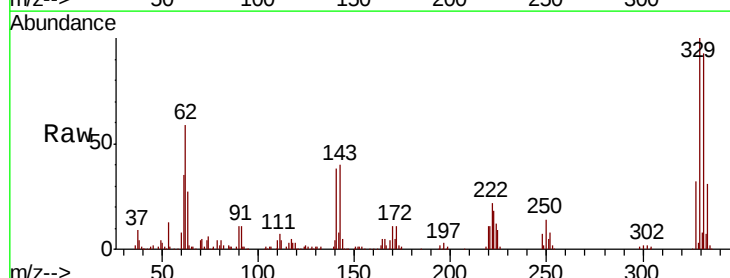
Tgt Ion:330 Resp: 213103

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

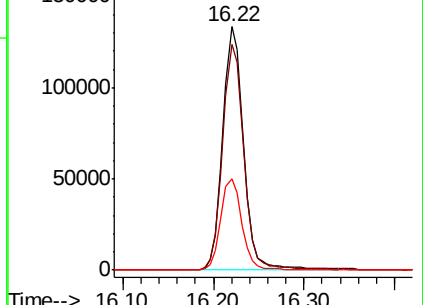
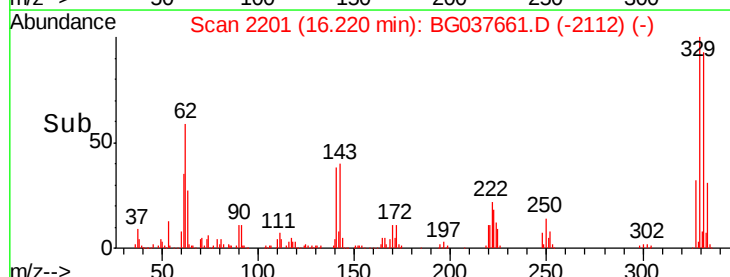
141 38.3 32.2 48.2



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

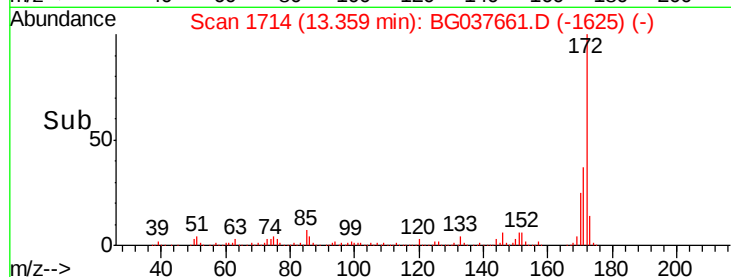
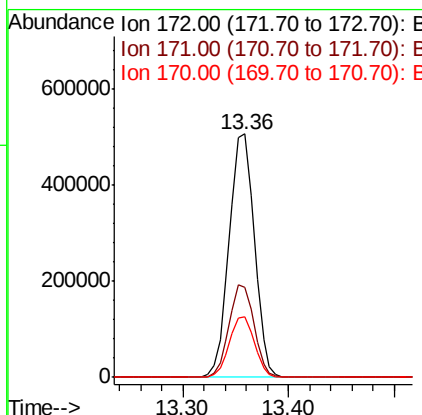
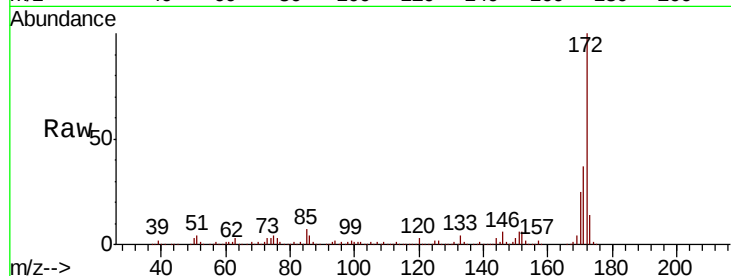




#45
 2-Fluorobiphenyl
 Concen: 69.458 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

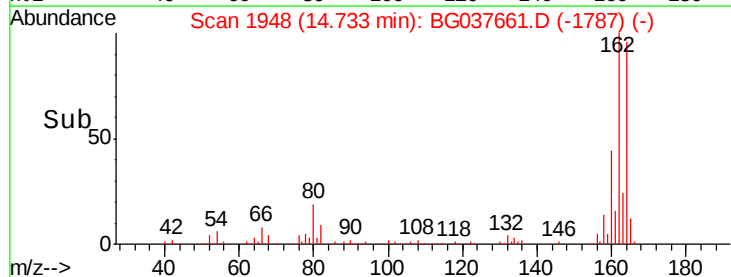
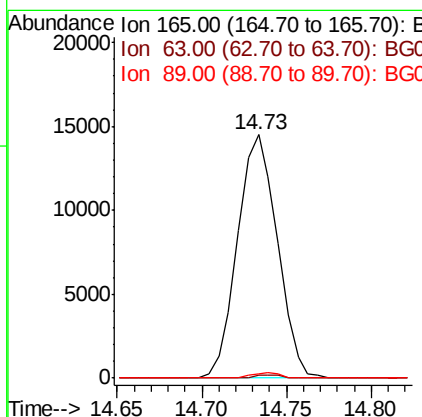
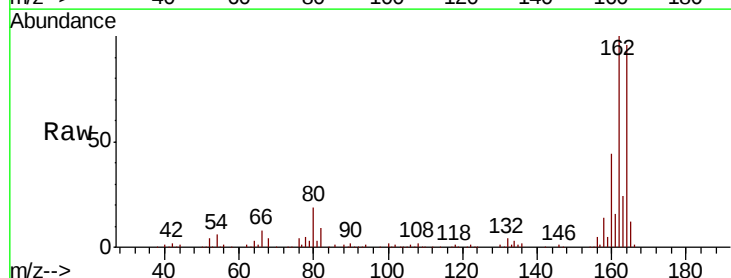
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Tgt Ion:172 Resp: 838822
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 25.1 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.628 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Tgt Ion:165 Resp: 23775
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.2#
 89 1.5 45.8 68.6#

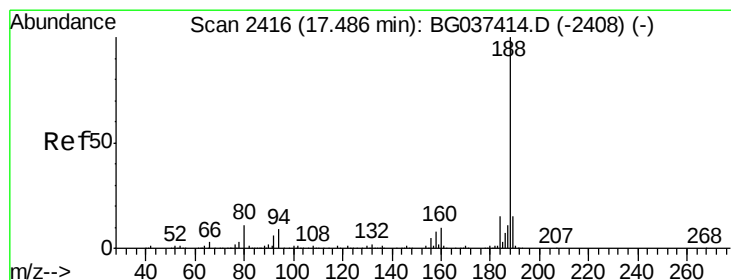
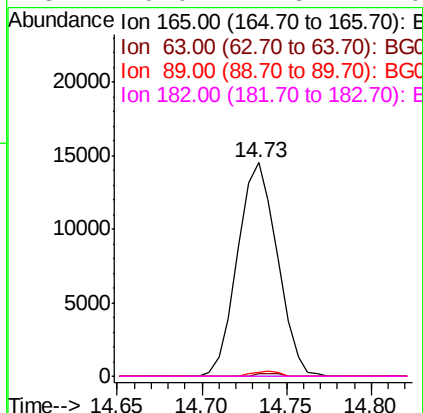
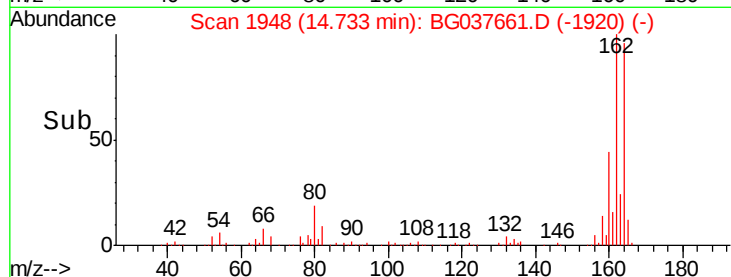
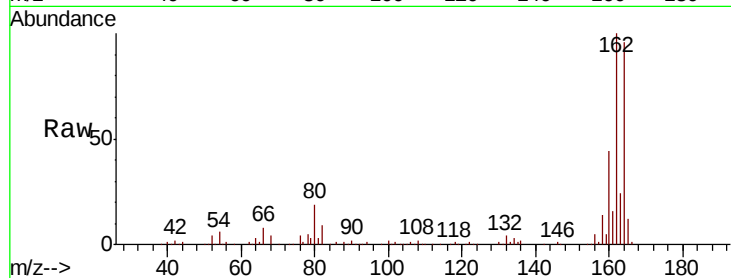




#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

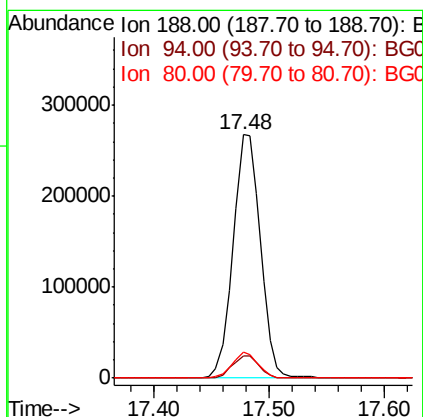
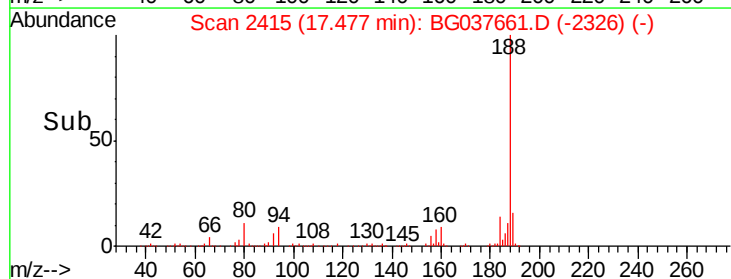
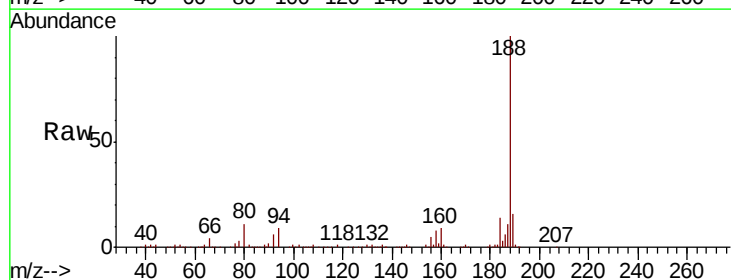
Instrument :
BNA_G
ClientSampleId :
PB114322BL

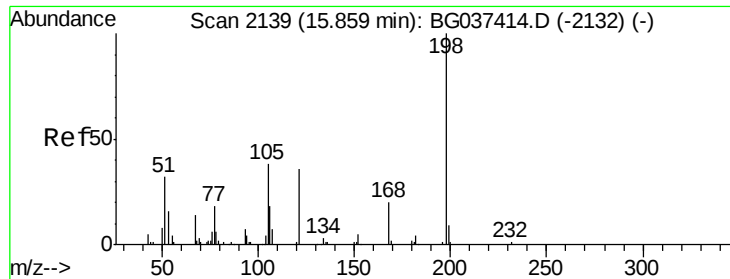
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.9	7.7	11.5

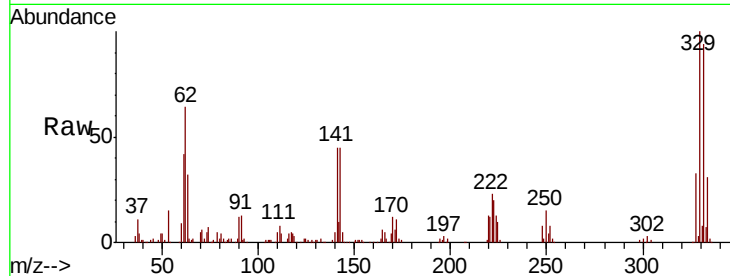




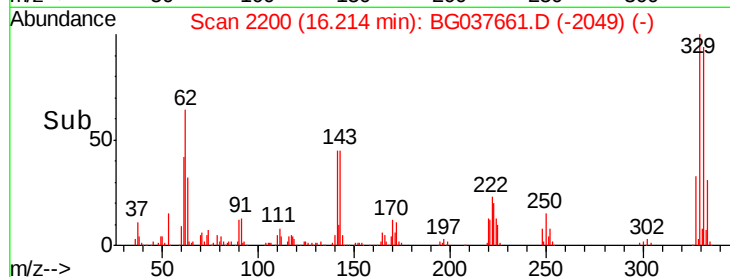
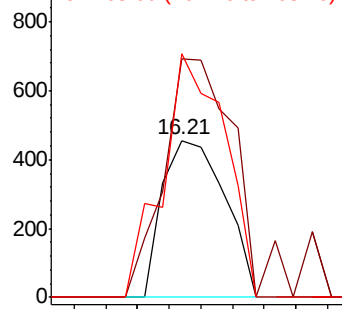
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.731 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Tgt Ion:198 Resp: 623
 Ion Ratio Lower Upper
 198 100
 51 32.3 22.7 62.7
 105 32.9 19.7 59.7

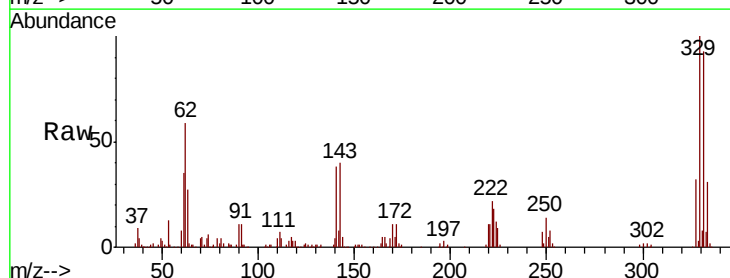


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

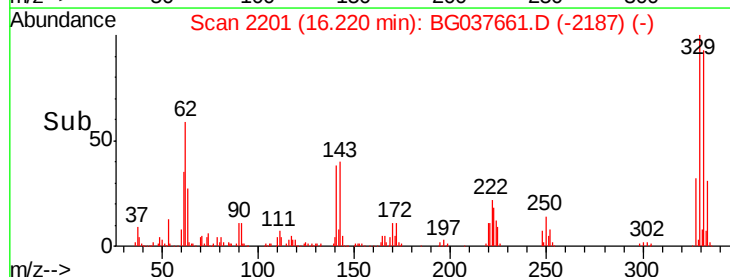
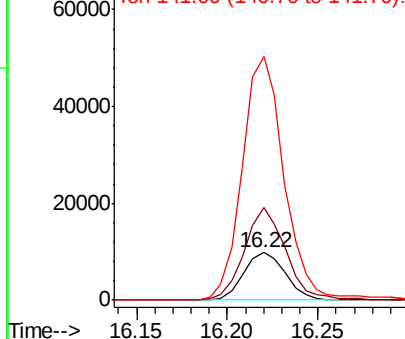


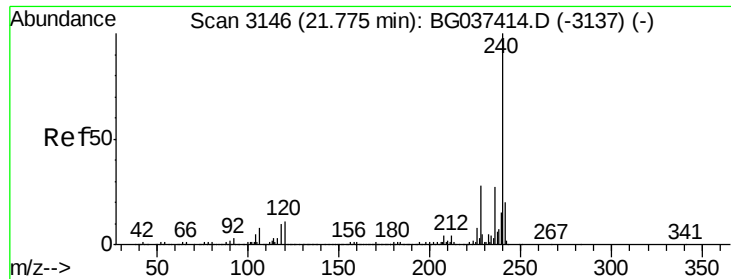
#67
 4-Bromophenyl-phenylether
 Concen: 3.256 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Tgt Ion:248 Resp: 15632
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.0 115.6#
 141 401.3 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

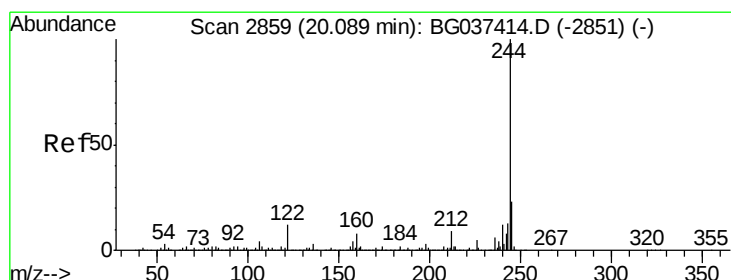
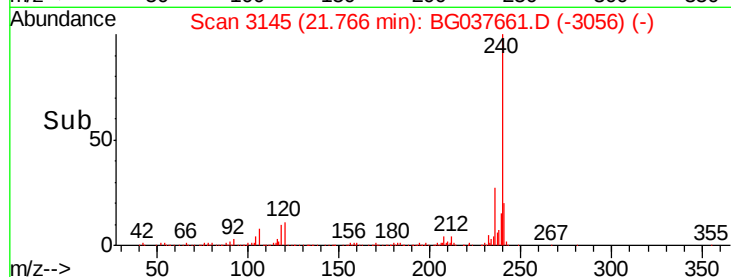
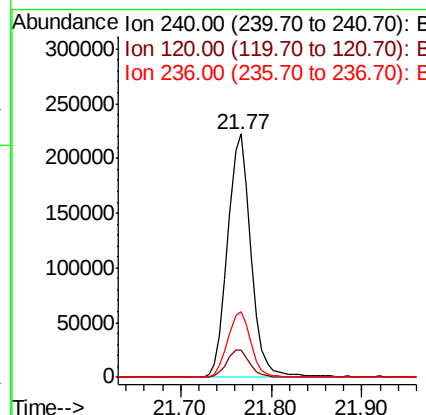
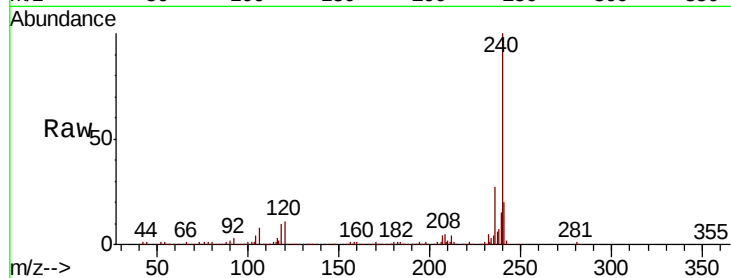




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

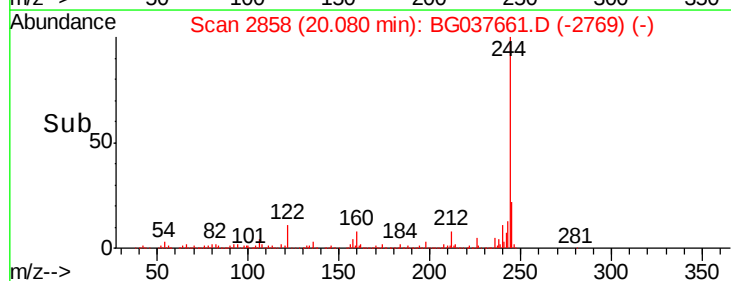
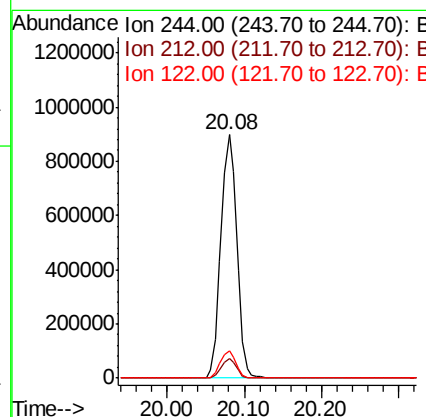
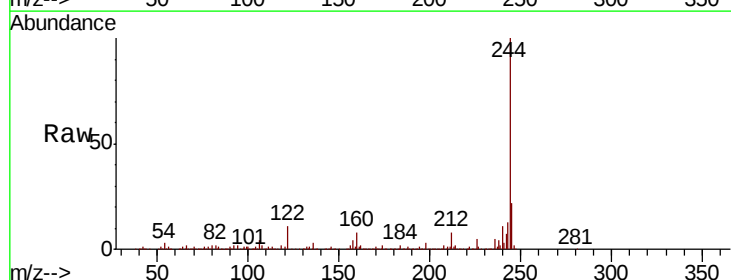
Instrument :
BNA_G
ClientSampleId :
PB114322BL

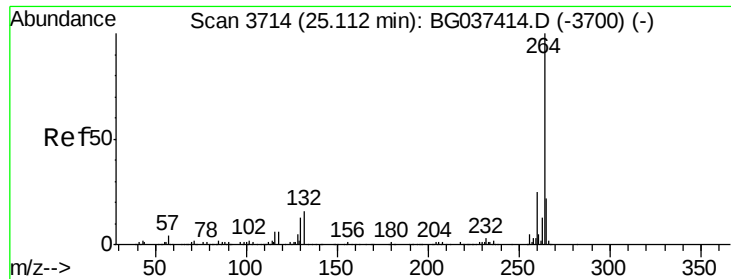
Tgt Ion:240 Resp: 398904
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 68.961 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Tgt Ion:244 Resp: 1287410
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037661.D
Acq: 30 Oct 2018 19:55

Instrument :
BNA_G
ClientSampleId :
PB114322BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.5	17.9	26.9

