

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037693.D
 Acq On : 31 Oct 2018 20:54
 Operator : JU/SJ
 Sample : J5202-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:03:46 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

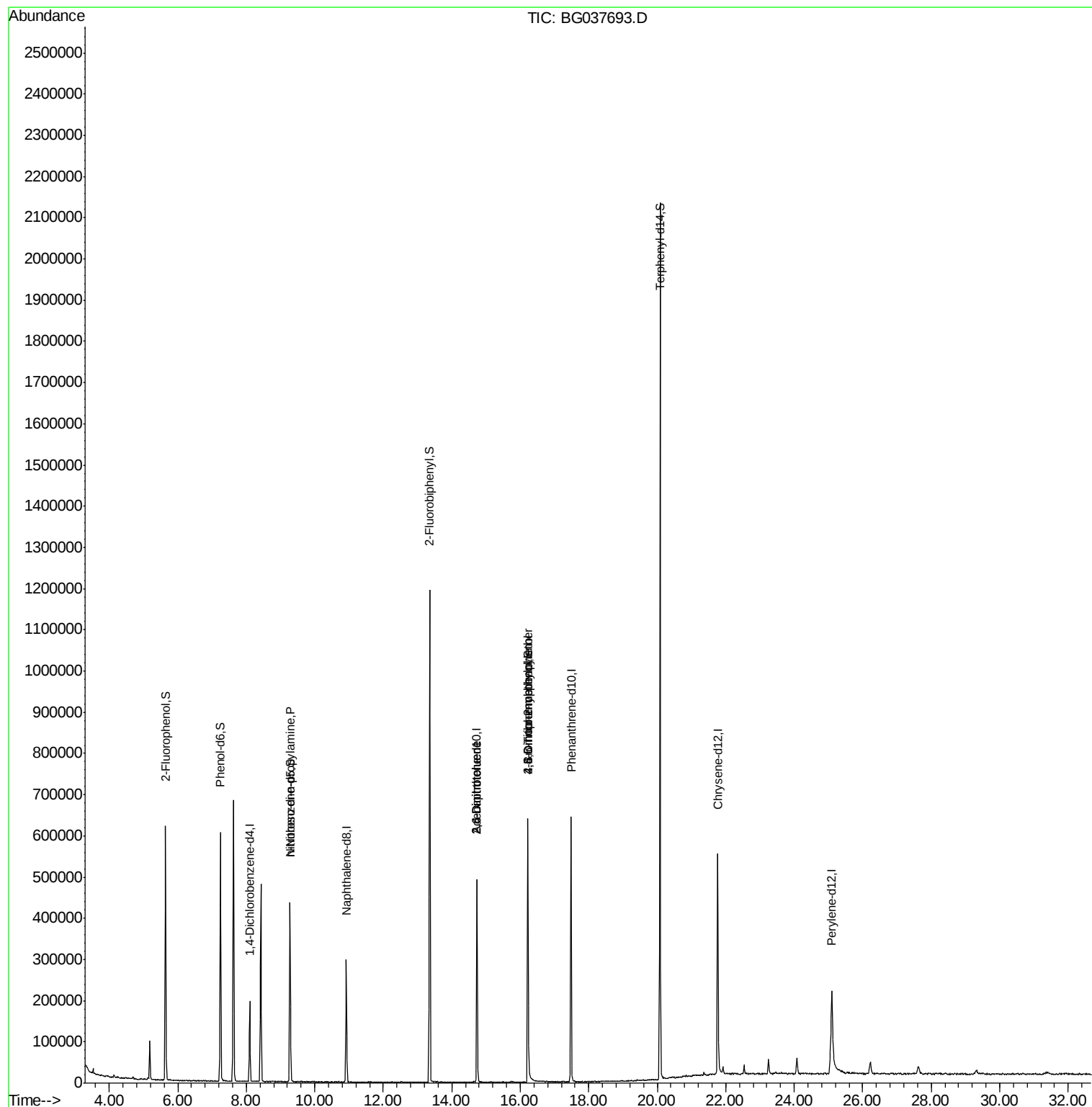
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59356	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	261559	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	180829	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413553	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373271	20.00	ng	0.00
87) Perylene-d12	25.10	264	308347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	291516	82.11	ng	0.00
7) Phenol-d6	7.24	99	388171	72.31	ng	0.00
23) Nitrobenzene-d5	9.27	82	273136	58.50	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	129364	65.59	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	661187	55.14	ng	0.00
79) Terphenyl-d14	20.08	244	1036599	59.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	34138	9.234	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	23254	7.514	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23254	5.724	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	358	8.643	ng	# 73
67) 4-Bromophenyl-phenylether	16.22	248	9438	2.078	ng	# 1

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

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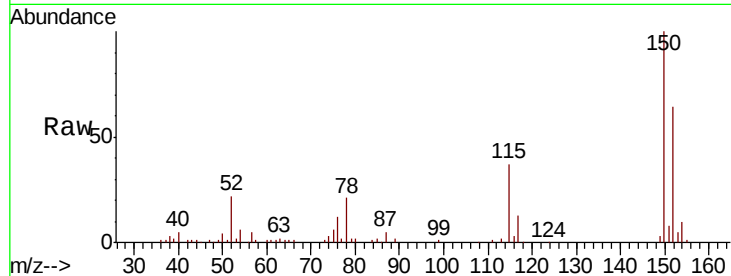


#1

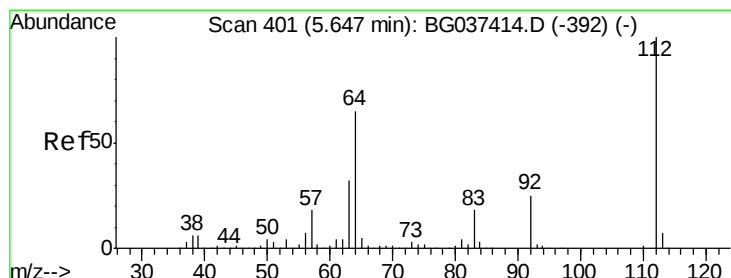
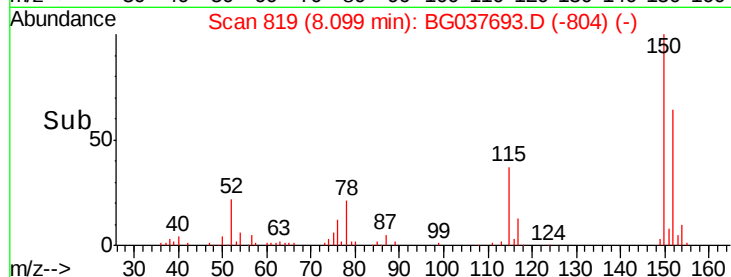
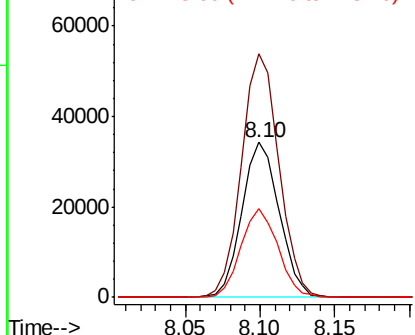
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037693.D
Acq: 31 Oct 2018 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59356
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 57.5 45.5 68.3



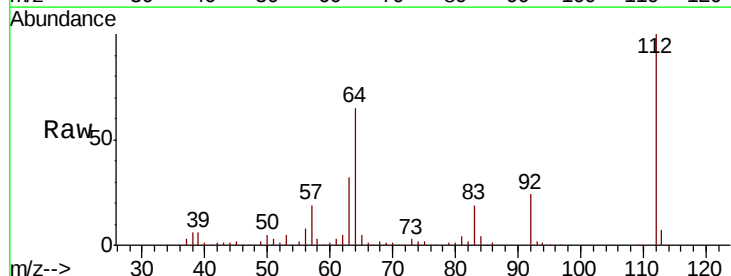
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



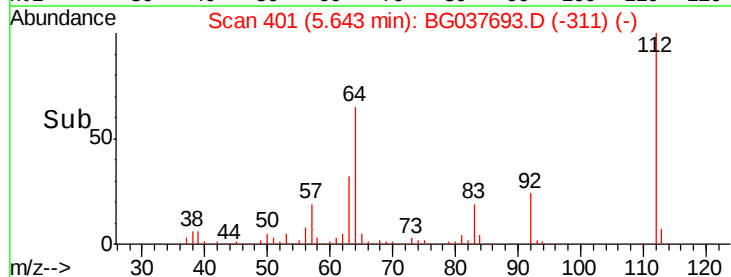
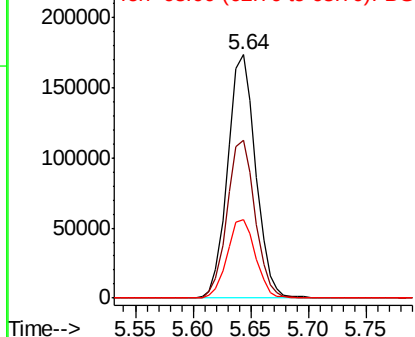
#5

2-Fluorophenol
Concen: 82.110 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037693.D
Acq: 31 Oct 2018 20:54

Tgt Ion:112 Resp: 291516
Ion Ratio Lower Upper
112 100
64 65.0 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: 72.305 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037693.D

Acq: 31 Oct 2018 20:54

Instrument :

BNA_G

ClientSampleId :

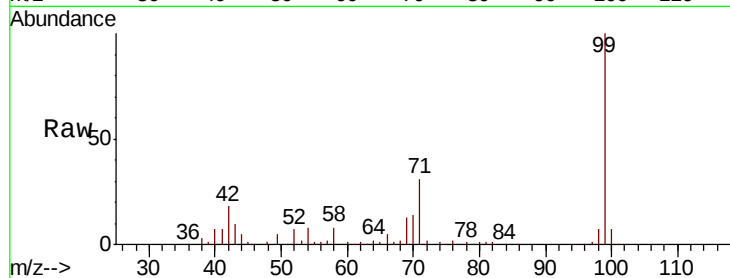
Tot Ion: 99 Resp: 388171

Ion Ratio Lower Upper

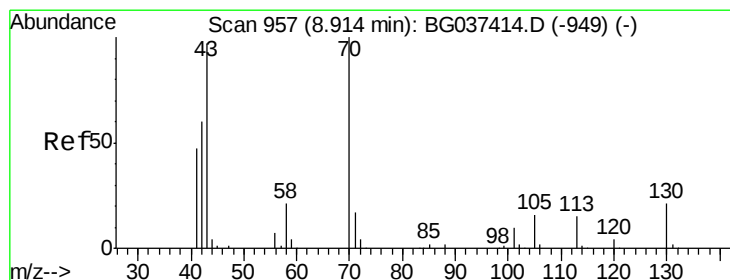
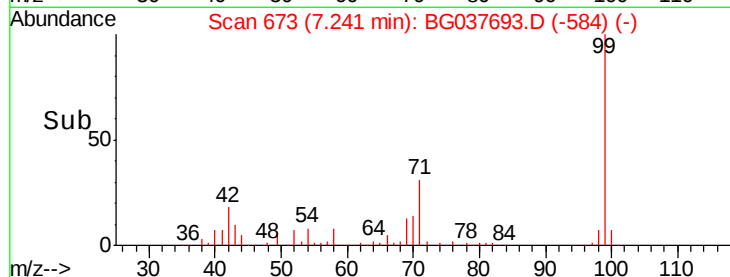
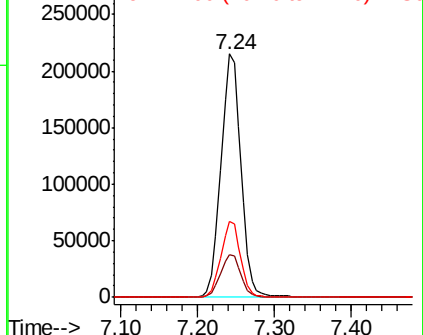
99 100

42 17.6 15.0 22.4

71 31.3 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: 9.234 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037693.D

Acq: 31 Oct 2018 20:54

Tgt Ion: 70 Resp: 34138

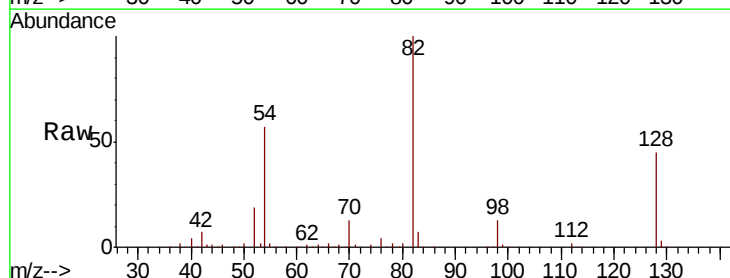
Ion Ratio Lower Upper

70 100

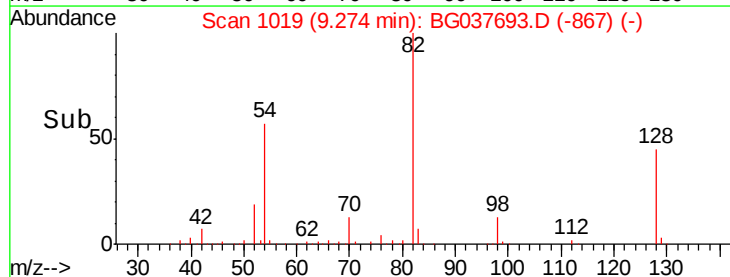
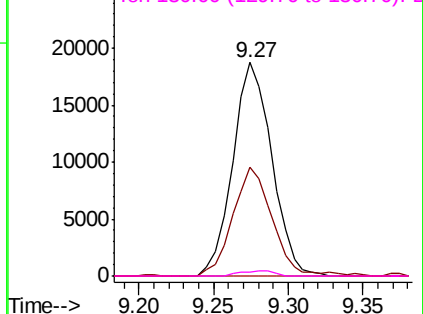
42 50.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 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

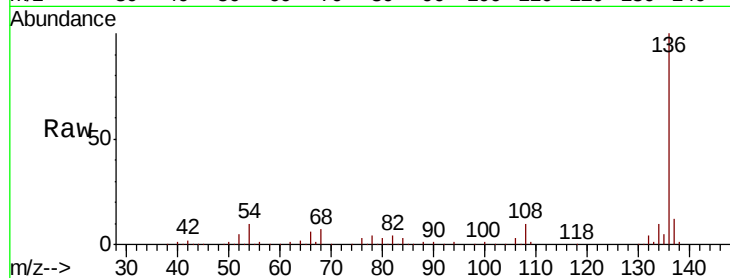




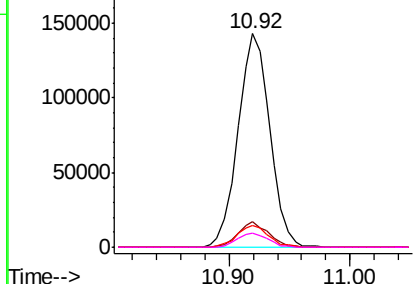
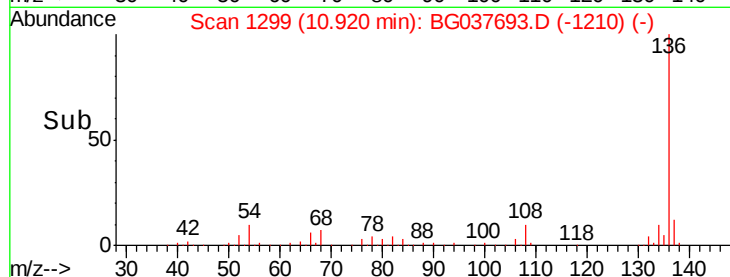
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037693.D
Acq: 31 Oct 2018 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	261559
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.6 14.4
54	10.1	7.9 11.9
68	6.8	4.8 7.2

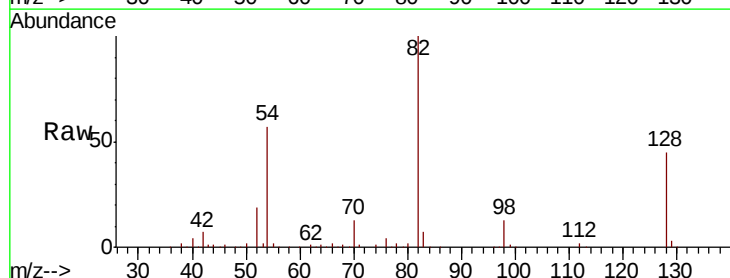


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

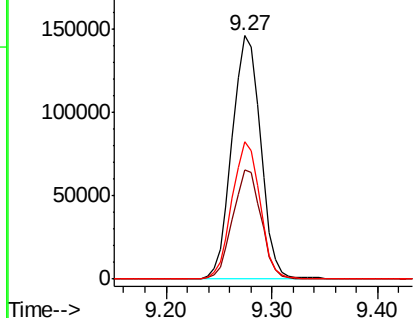
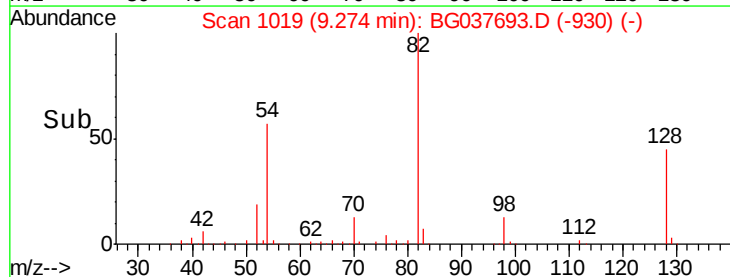


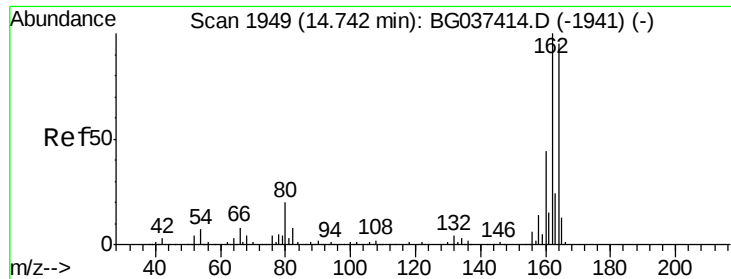
#23
Nitrobenzene-d5
Concen: 58.498 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037693.D
Acq: 31 Oct 2018 20:54

Tgt Ion: 82	Resp:	273136
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.6 51.8
54	56.6	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

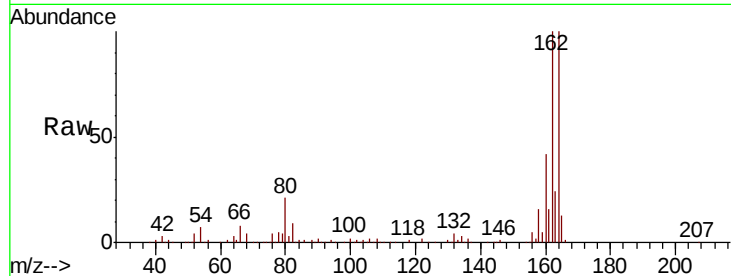




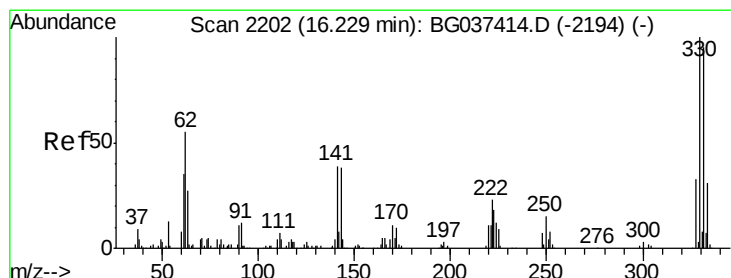
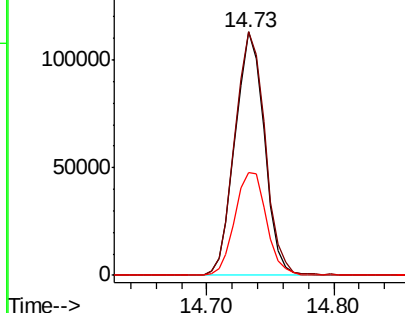
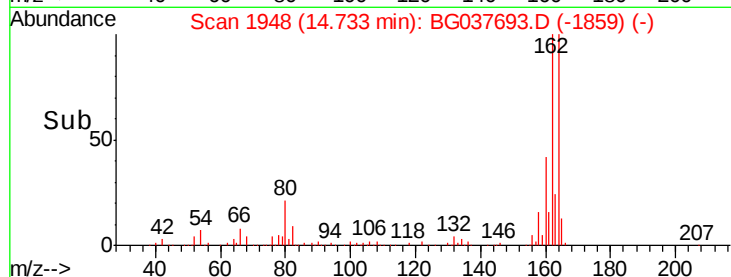
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 180829
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.3 121.9
 160 42.2 36.3 54.5

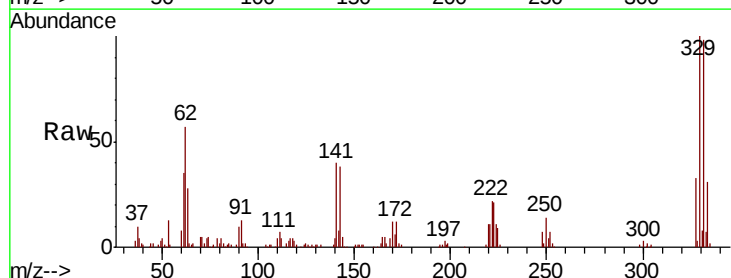


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

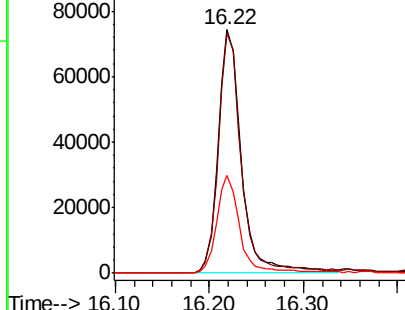
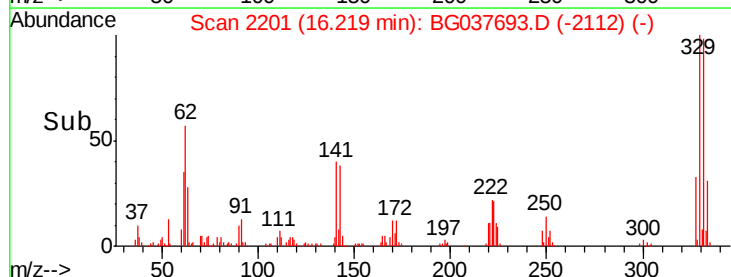


#42
 2,4,6-Tribromophenol
 Concen: 65.591 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

Tgt Ion:330 Resp: 129364
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.4 117.6
 141 39.3 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

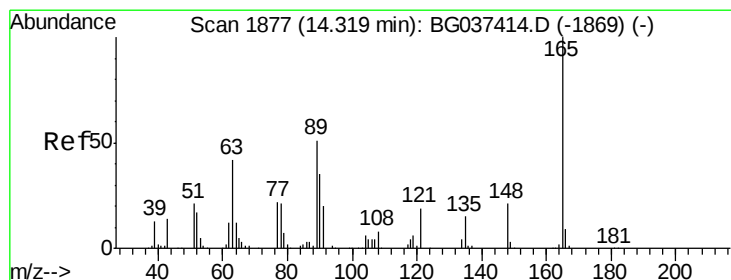
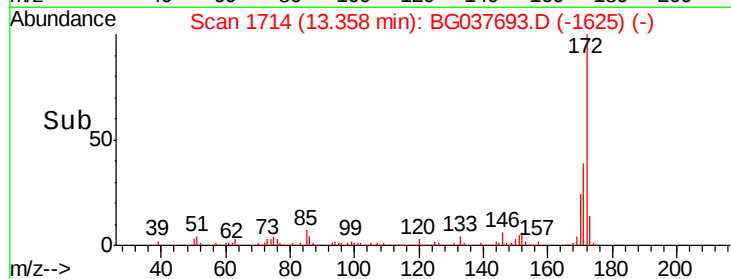
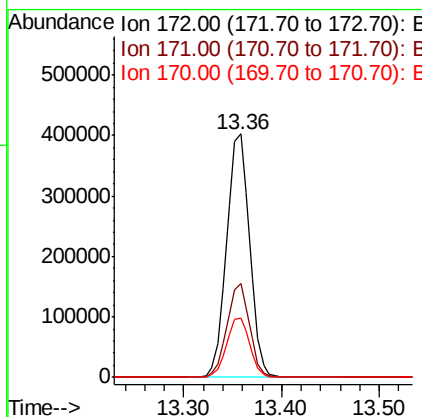
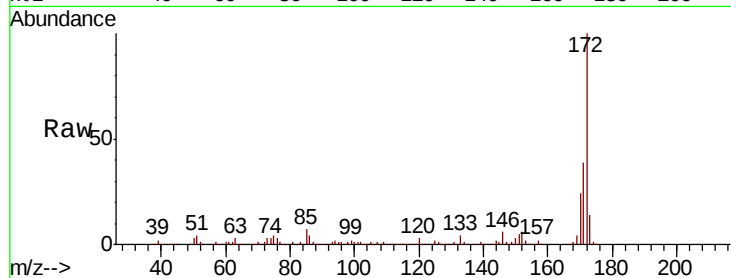




#45
 2-Fluorobiphenyl
 Concen: 55.137 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

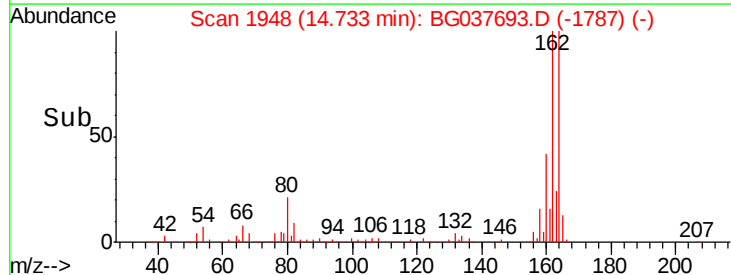
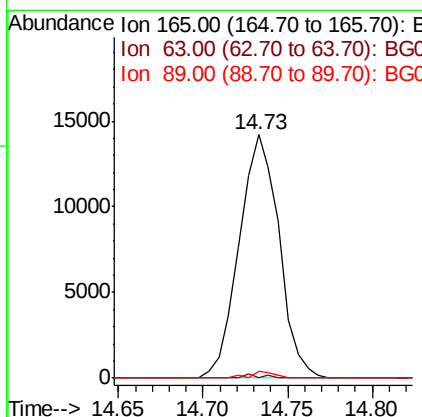
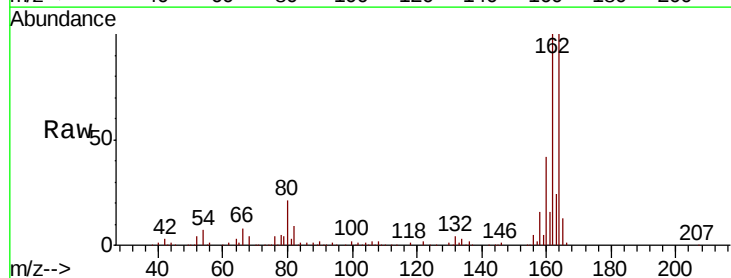
Instrument :
 BNA_G
 ClientSampled :

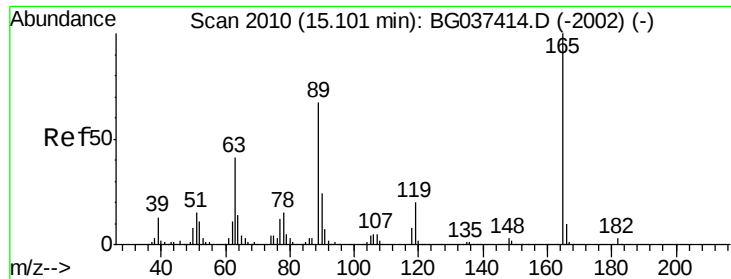
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	24.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.514 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.8	45.8	68.6#

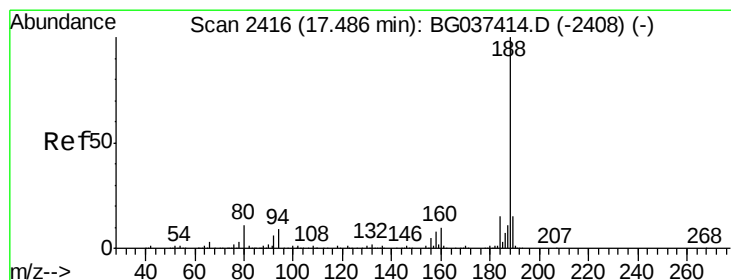
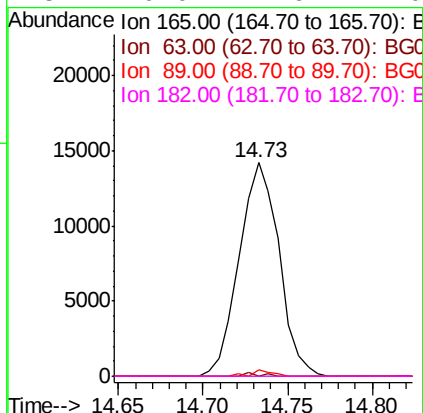
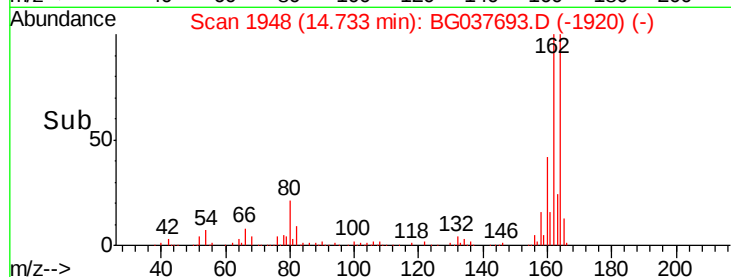
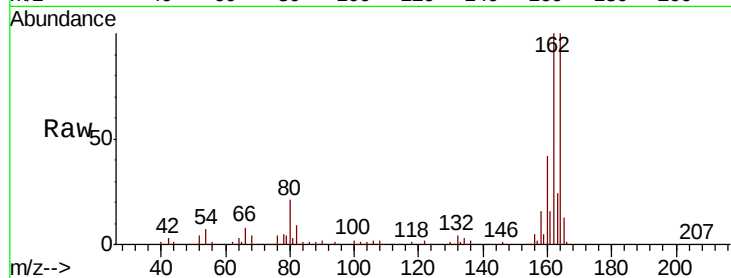




#57
 2,4-Dinitrotoluene
 Concen: 5.724 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

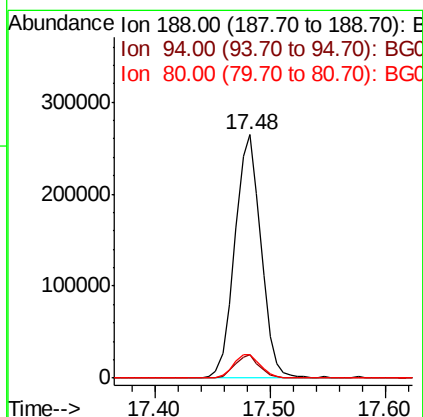
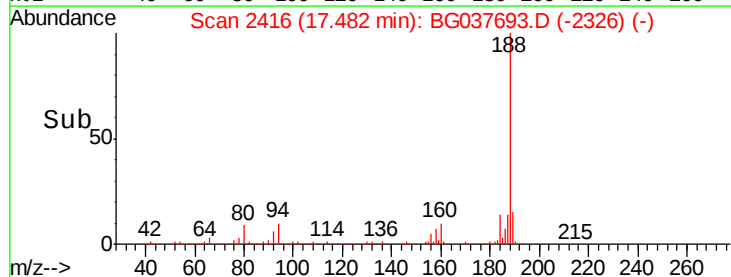
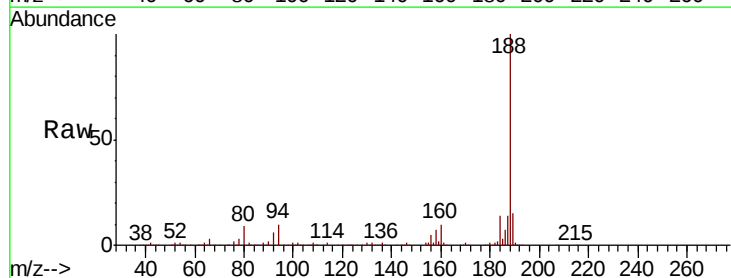
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 23254
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 2.8 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: BG037693.D
 Acq: 31 Oct 2018 20:54

Tgt Ion:188 Resp: 413553
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.2 10.8
 80 9.4 7.7 11.5

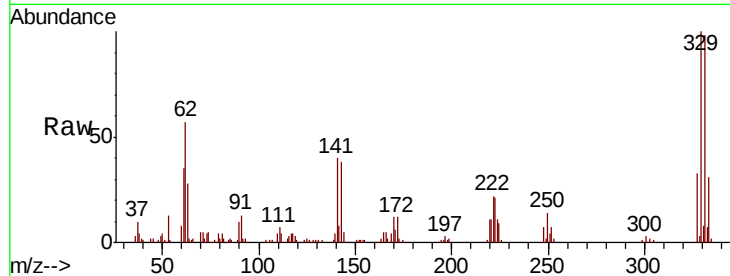




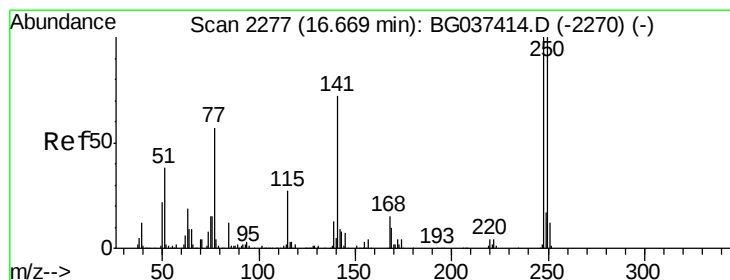
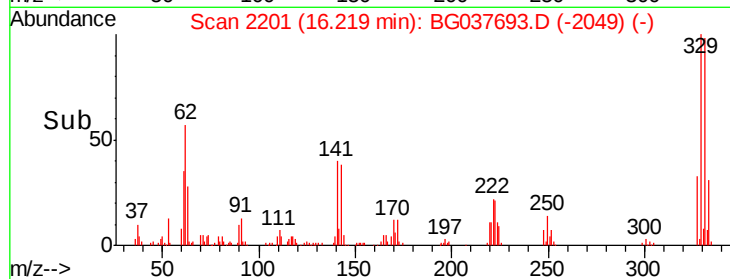
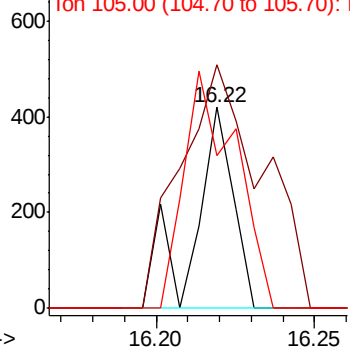
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.643 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 358
 Ion Ratio Lower Upper
 198 100
 51 29.9 22.7 62.7
 105 18.7 19.7 59.7#

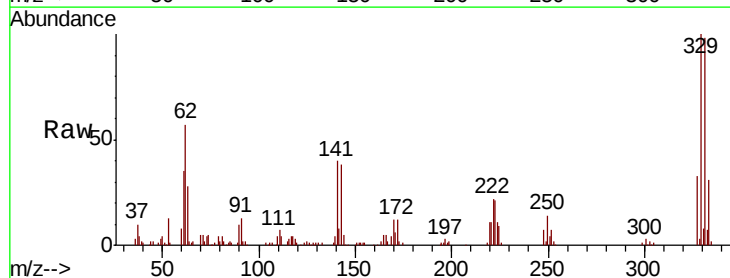


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

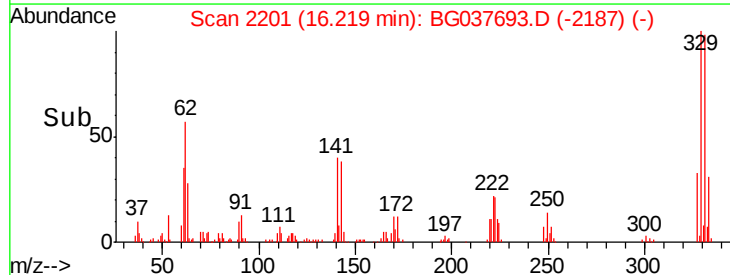
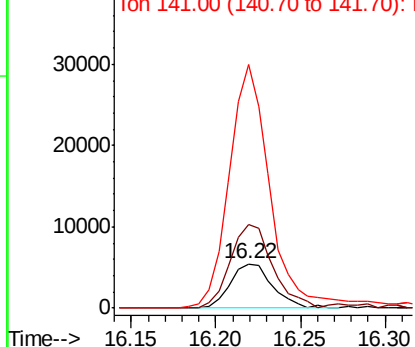


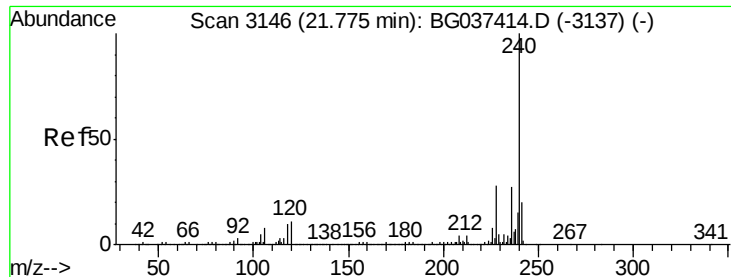
#67
 4-Bromophenyl-phenylether
 Concen: 2.078 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037693.D
 Acq: 31 Oct 2018 20:54

Tgt Ion:248 Resp: 9438
 Ion Ratio Lower Upper
 248 100
 250 182.2 77.0 115.6#
 141 418.1 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: BG037693.D

Acq: 31 Oct 2018 20:54

Instrument :

BNA_G

ClientSampled :

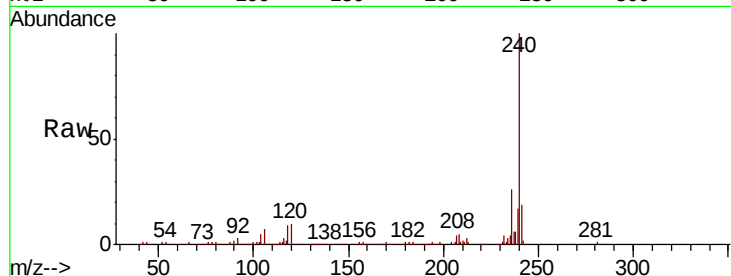
Tot Ion:240 Resp: 373271

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

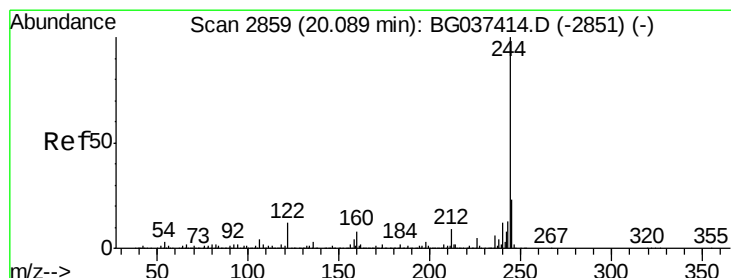
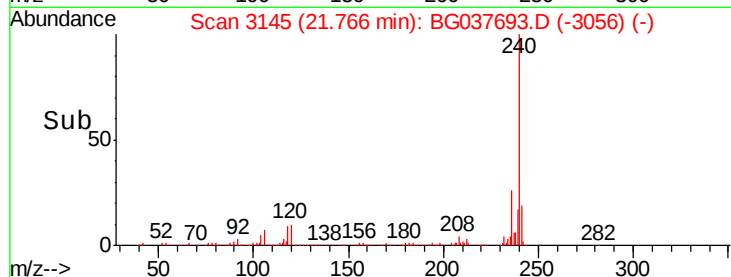
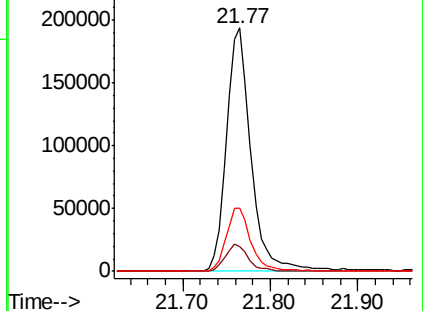
236 26.0 21.4 32.0



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: 59.339 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037693.D

Acq: 31 Oct 2018 20:54

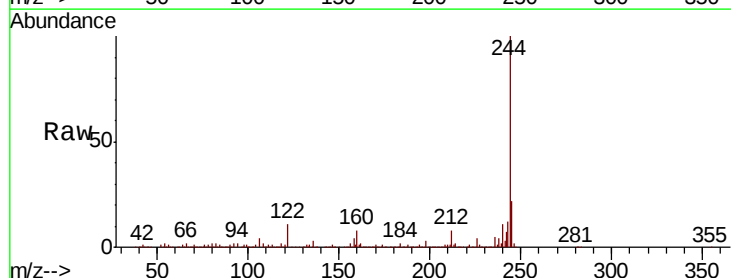
Tgt Ion:244 Resp: 1036599

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

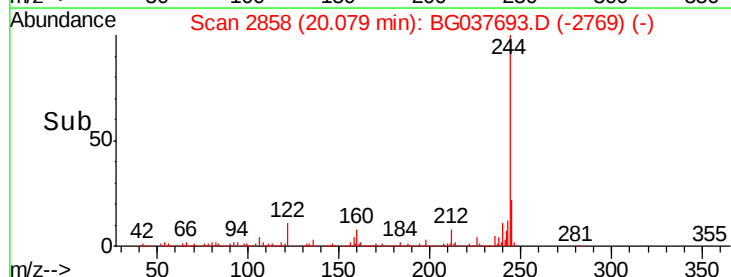
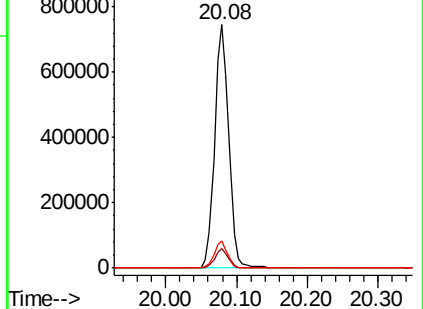
122 11.3 9.0 13.4

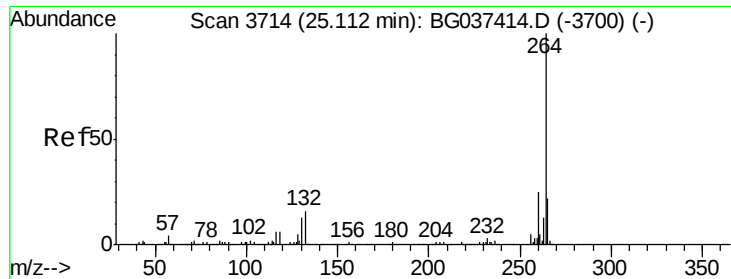


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037693.D
Acq: 31 Oct 2018 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.8	17.9	26.9

