

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037650.D
 Acq On : 30 Oct 2018 12:47
 Operator : JU/SJ
 Sample : J5696-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

Quant Time: Oct 30 14:15:45 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

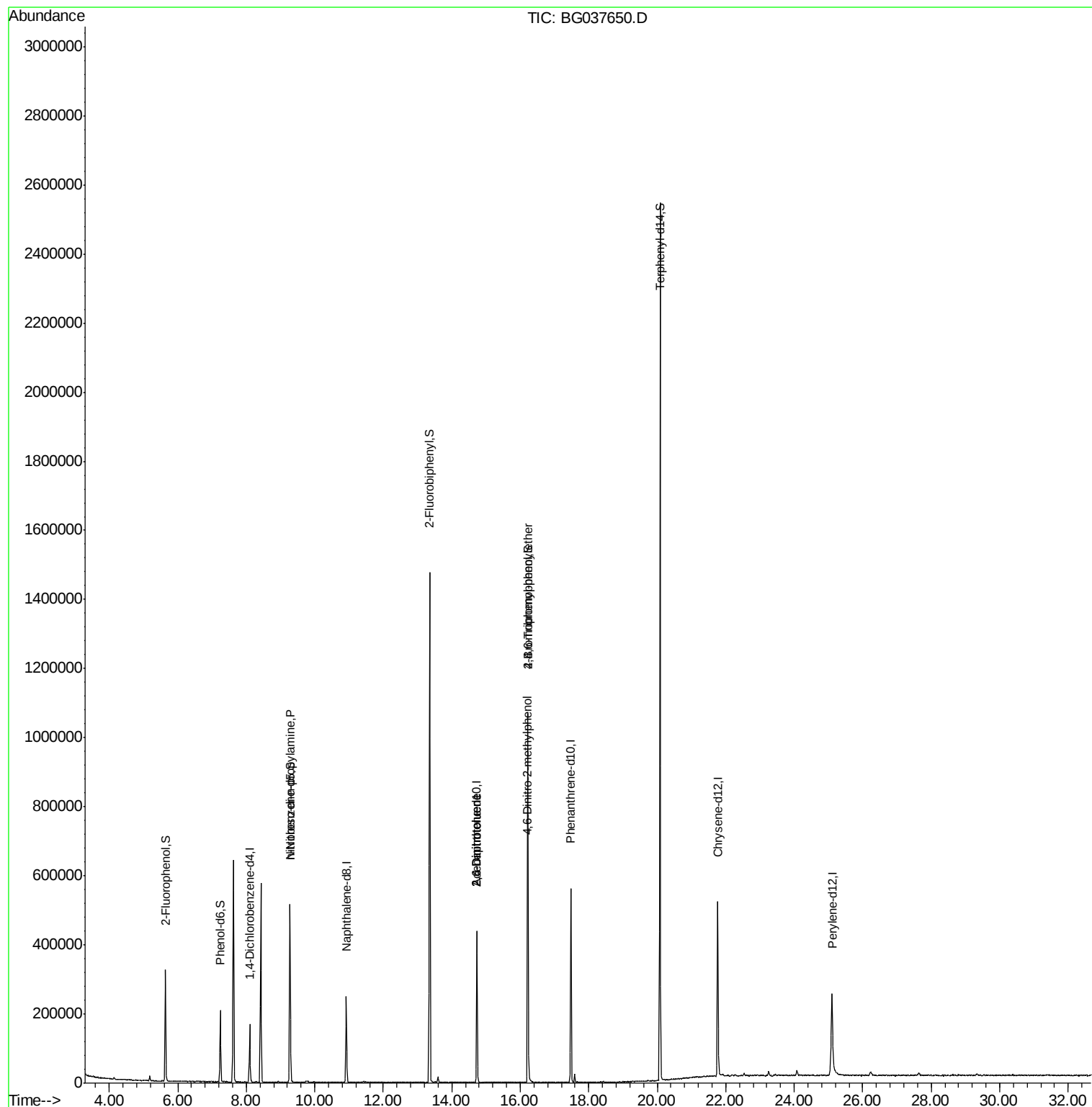
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50452	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	224146	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	154186	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	368595	20.00	ng	0.00
76) Chrysene-d12	21.77	240	334143	20.00	ng	0.00
87) Perylene-d12	25.10	264	320887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	151410	50.17	ng	0.00
7) Phenol-d6	7.24	99	135003	29.59	ng	0.00
23) Nitrobenzene-d5	9.28	82	322985	80.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	188390	112.02	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	810366	79.25	ng	0.00
79) Terphenyl-d14	20.08	244	1221864	78.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	40397	12.856	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	20069	7.606	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	20069	5.794	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.20	198	249	8.613	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	14419	3.562	ng	# 1

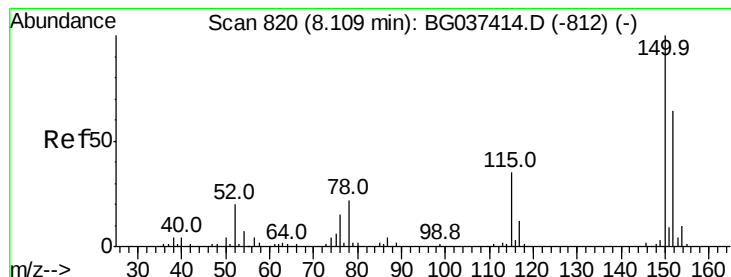
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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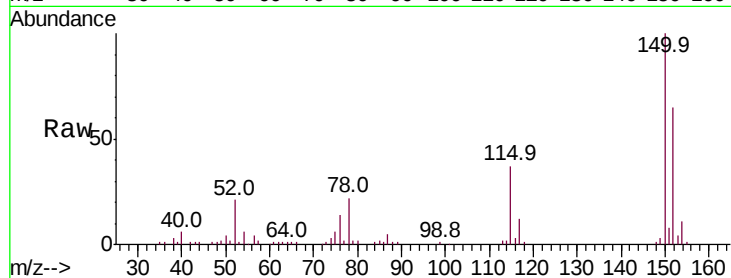


#1

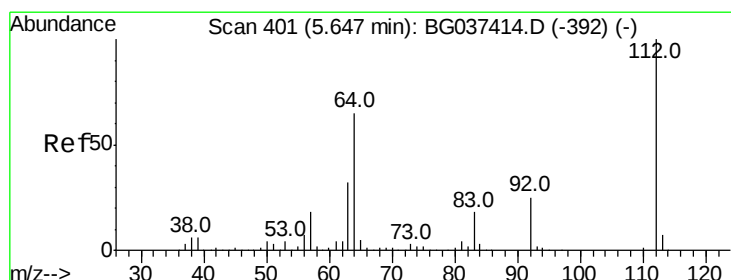
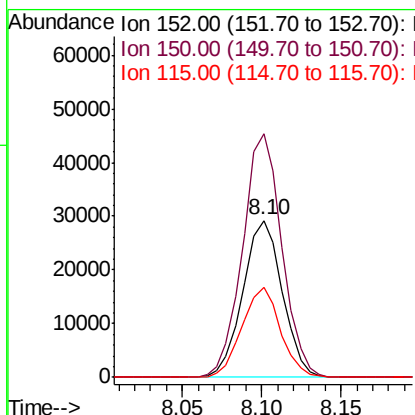
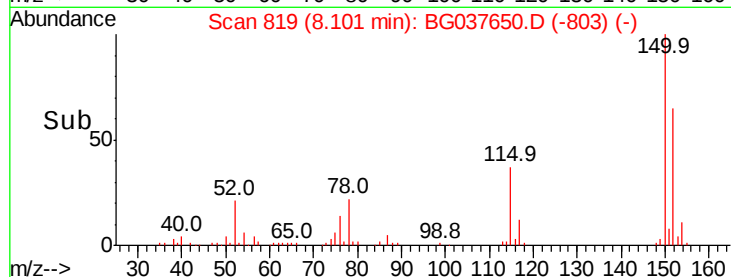
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

Tot Ion:152 Resp: 50452
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.0 189.0
 115 57.2 45.5 68.3



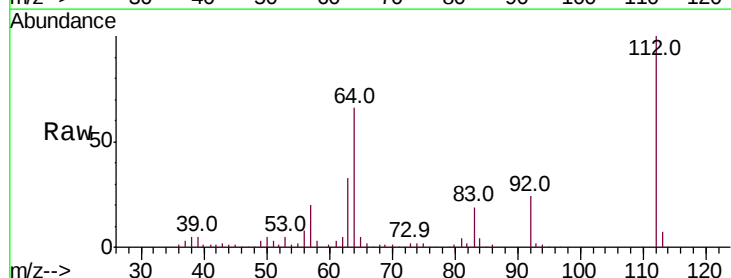
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



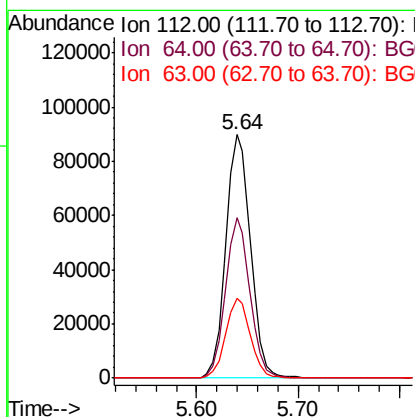
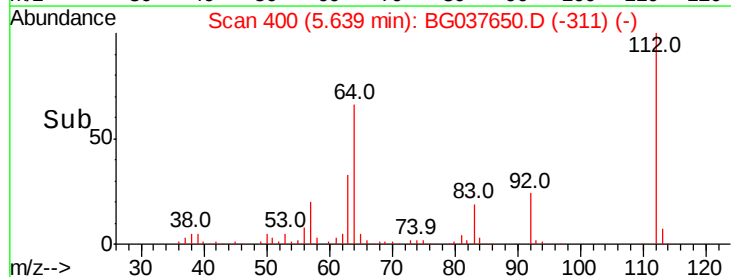
#5

2-Fluorophenol
 Concen: 50.173 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Tgt Ion:112 Resp: 151410
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 32.9 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: 29.585 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037650.D

Acq: 30 Oct 2018 12:47

Instrument :

BNA_G

ClientSampleId :

EB-2018.10.25-SW

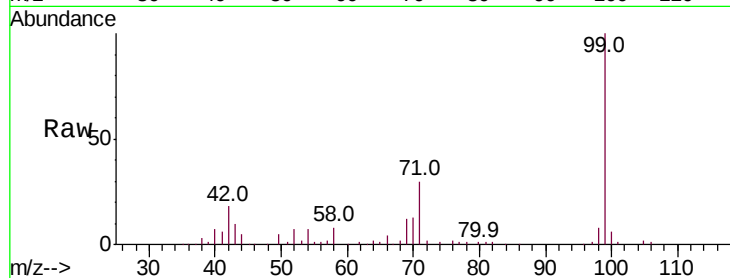
Tot Ion: 99 Resp: 135003

Ion Ratio Lower Upper

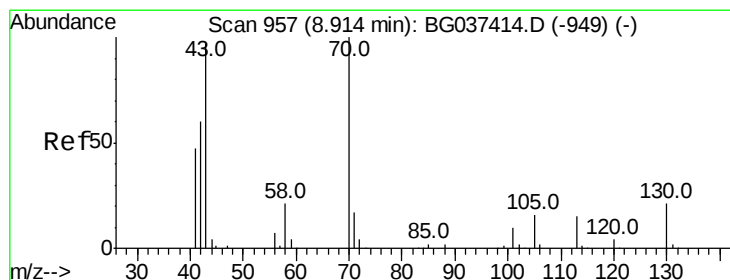
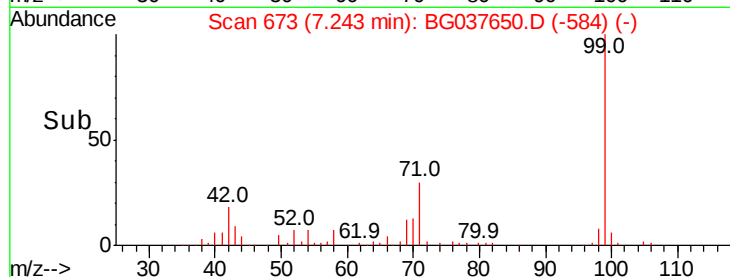
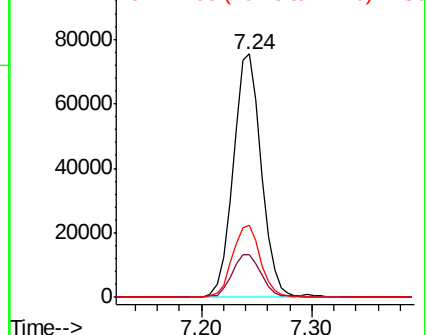
99 100

42 17.6 15.0 22.4

71 29.8 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: 12.856 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037650.D

Acq: 30 Oct 2018 12:47

Tgt Ion: 70 Resp: 40397

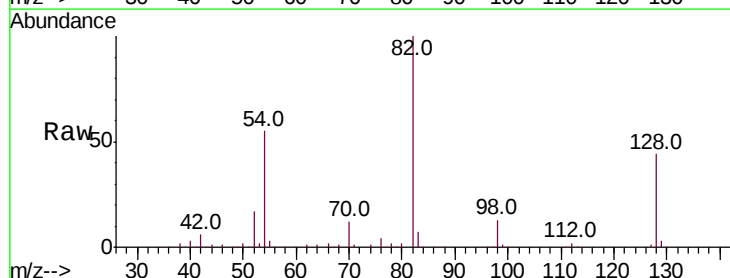
Ion Ratio Lower Upper

70 100

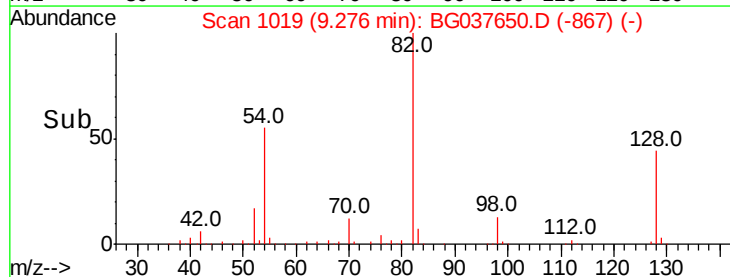
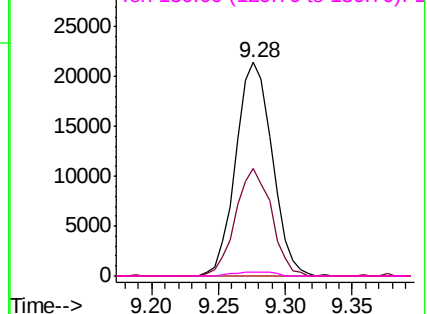
42 50.2 53.9 80.9#

101 0.0 8.2 12.2#

130 1.9 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

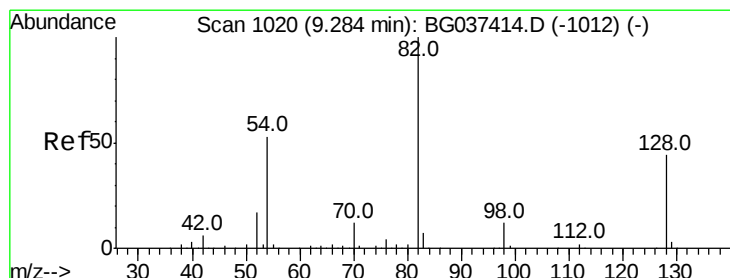
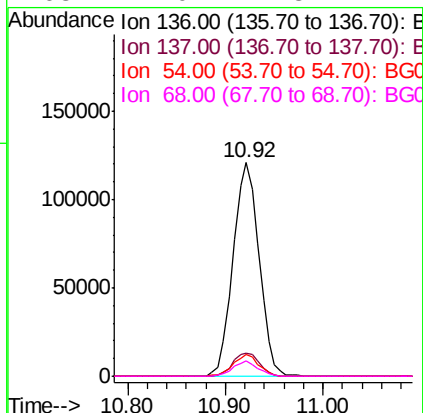
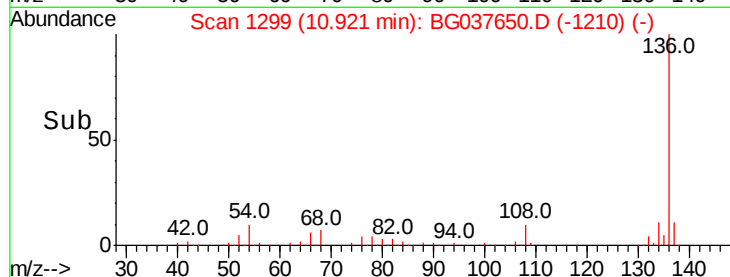
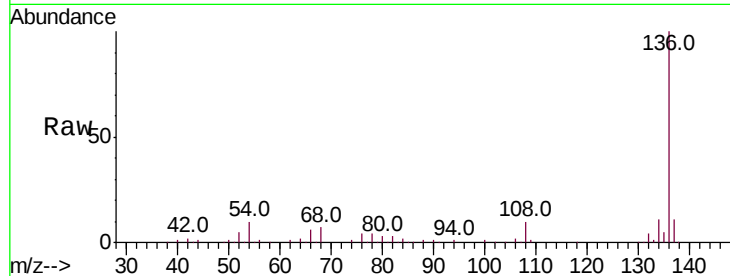




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037650.D
Acq: 30 Oct 2018 12:47

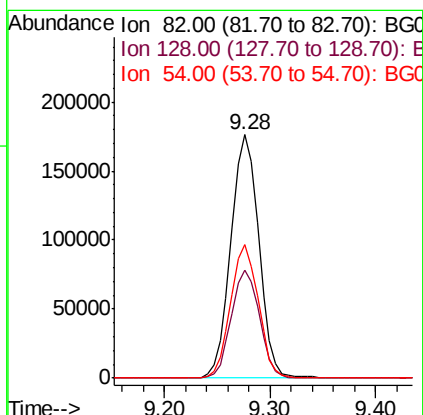
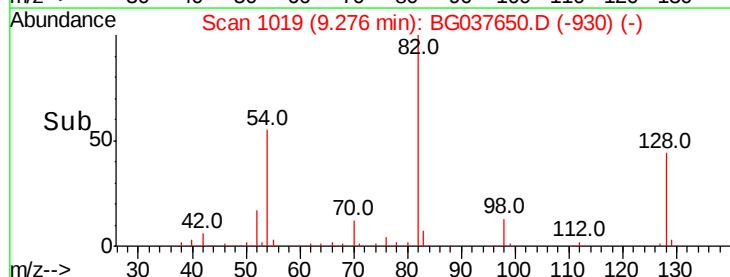
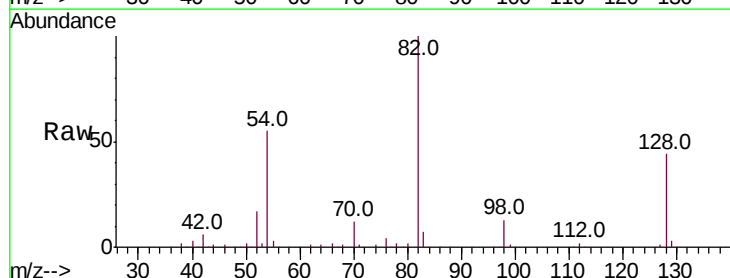
Instrument :
BNA_G
ClientSampleId :
EB-2018.10.25-SW

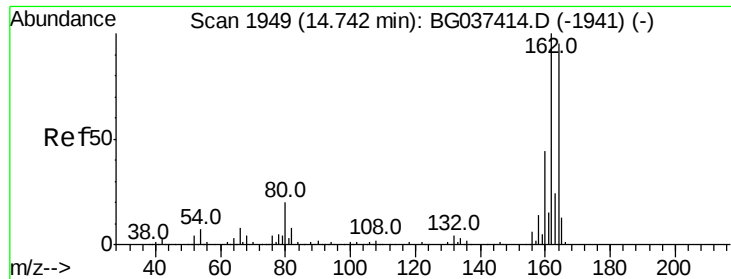
Tot Ion:	136	Resp:	224146
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.3	7.9	11.9
68	7.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.721 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037650.D
Acq: 30 Oct 2018 12:47

Tgt Ion:	82	Resp:	322985
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	54.9	45.3	67.9

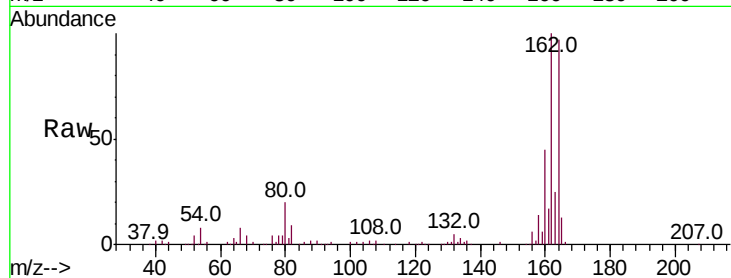




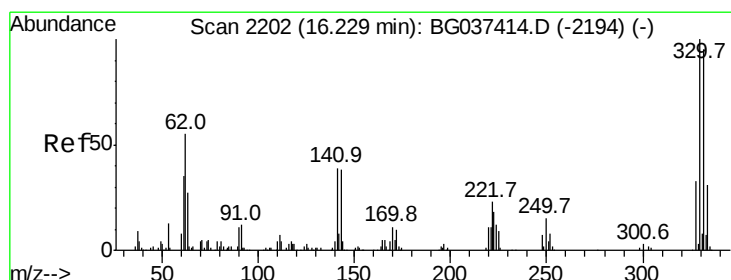
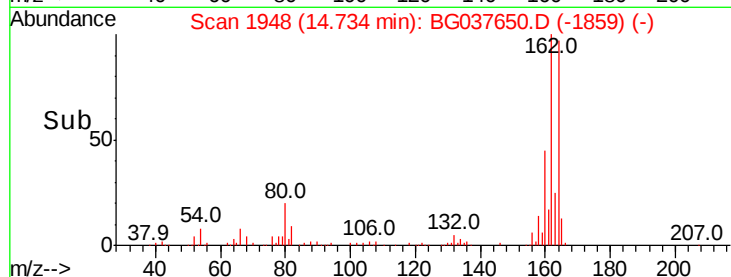
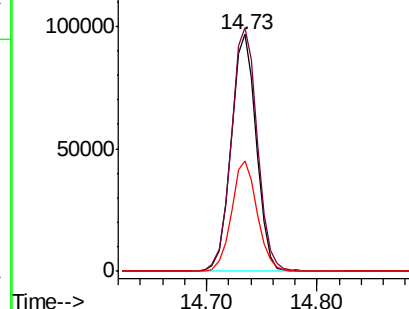
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037650.D
Acq: 30 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :
EB-2018.10.25-SW

Tot Ion:164 Resp: 154186
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.4 36.3 54.5

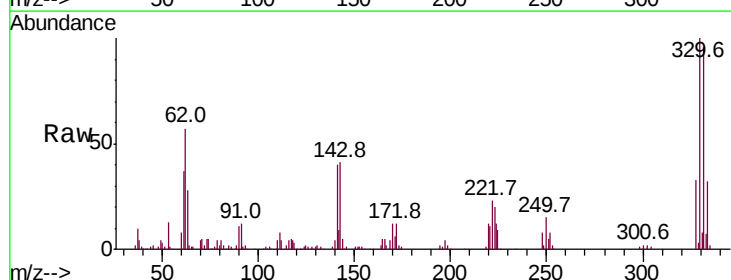


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

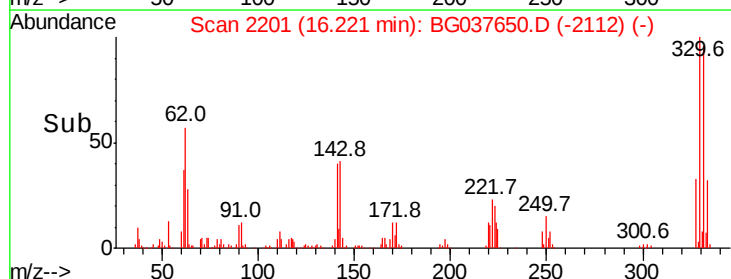
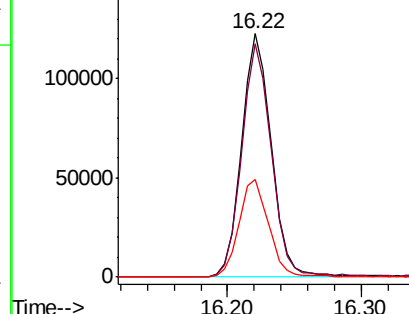


#42
2,4,6-Tribromophenol
Concen: 112.024 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037650.D
Acq: 30 Oct 2018 12:47

Tgt Ion:330 Resp: 188390
Ion Ratio Lower Upper
330 100
332 96.1 78.4 117.6
141 40.5 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

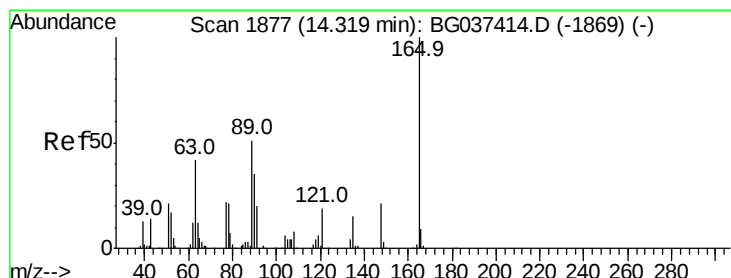
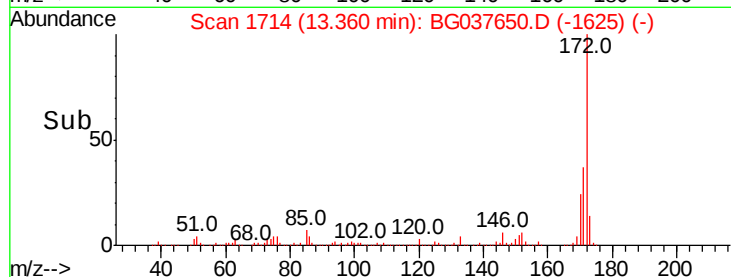
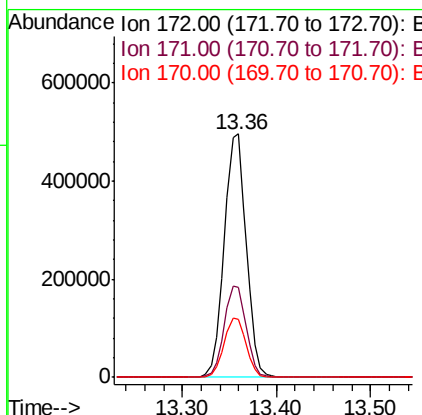
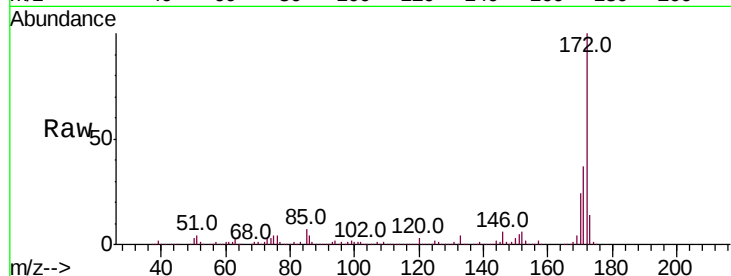




#45
 2-Fluorobiphenyl
 Concen: 79.254 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

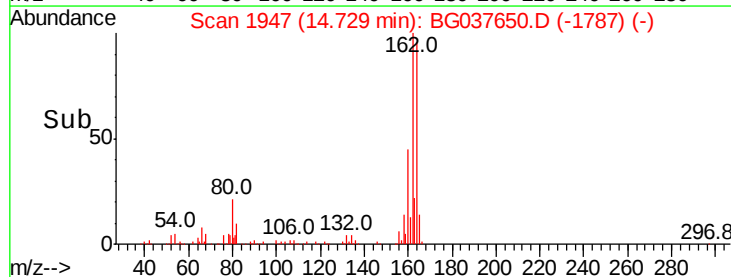
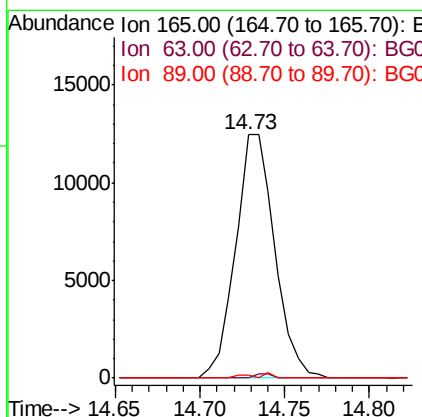
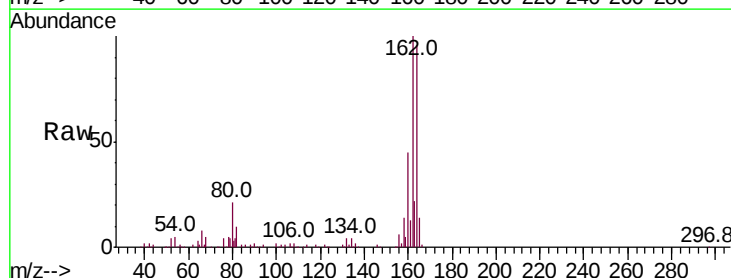
Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

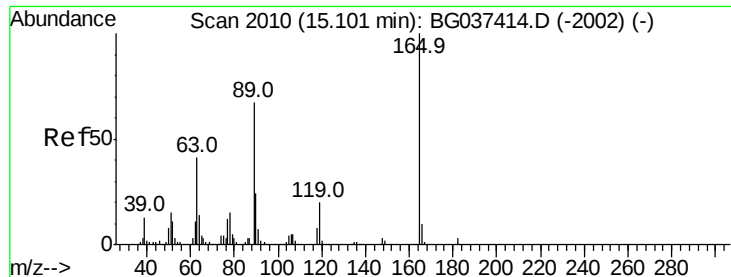
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.606 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.5	45.8	68.6#

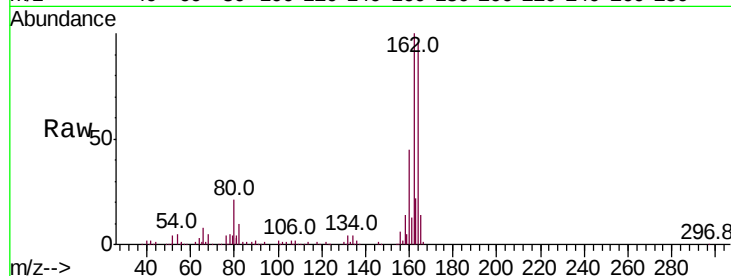




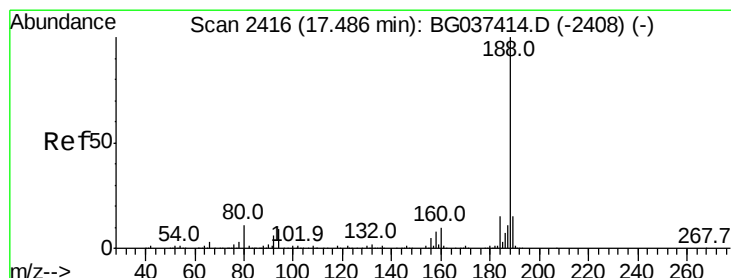
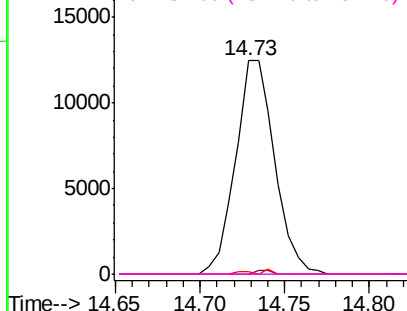
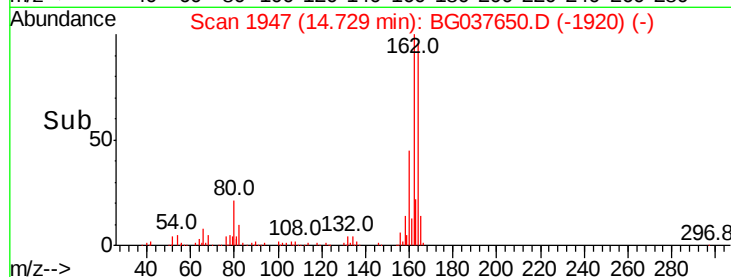
#57
 2,4-Dinitrotoluene
 Concen: 5.794 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

Tot Ion:165 Resp: 20069
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.5 57.2 85.8#
 182 0.0 2.6 4.0#

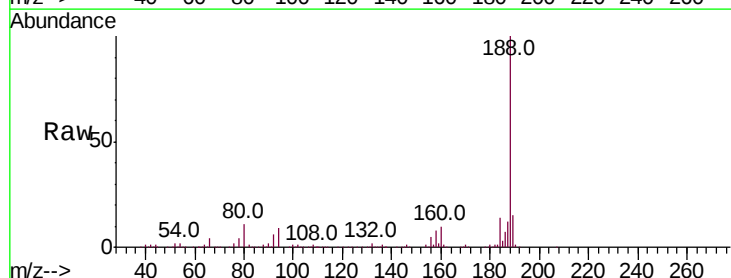


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

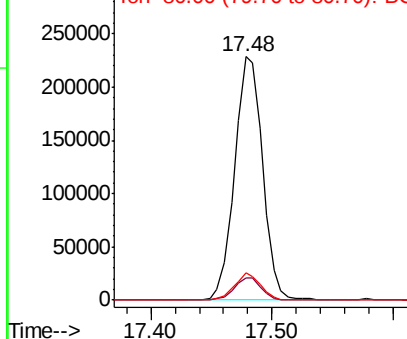
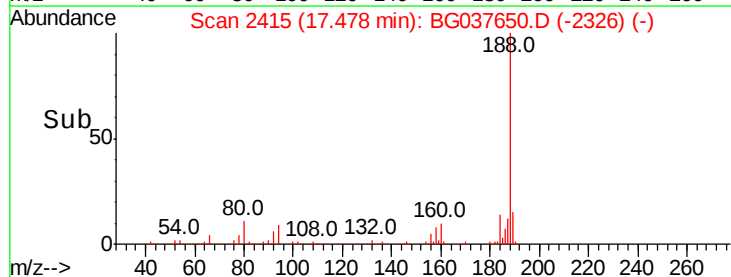


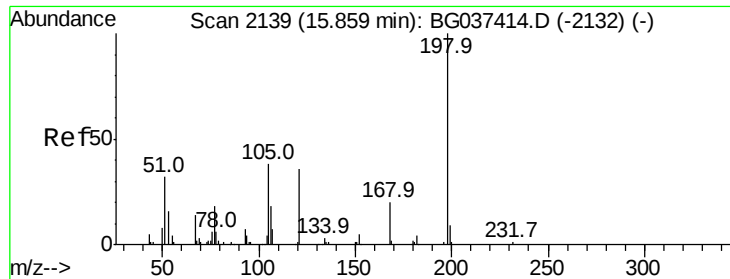
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Tgt Ion:188 Resp: 368595
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 11.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

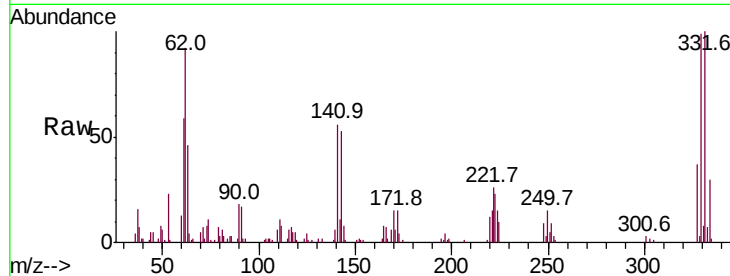




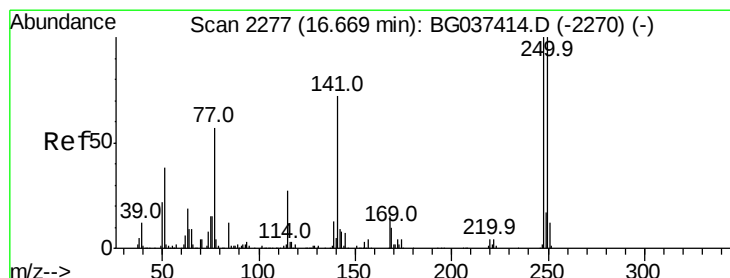
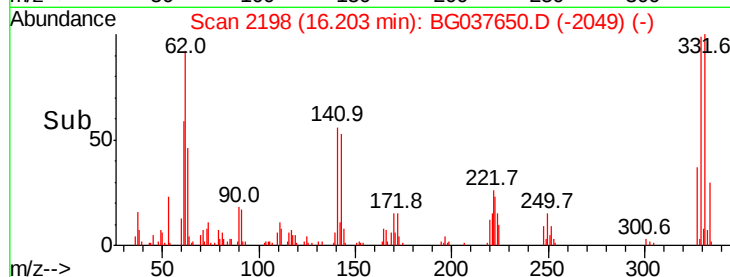
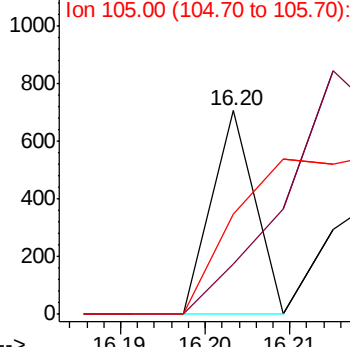
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.613 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.35 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

Tot Ion:198 Resp: 249
 Ion Ratio Lower Upper
 198 100
 51 24.6 22.7 62.7
 105 49.4 19.7 59.7

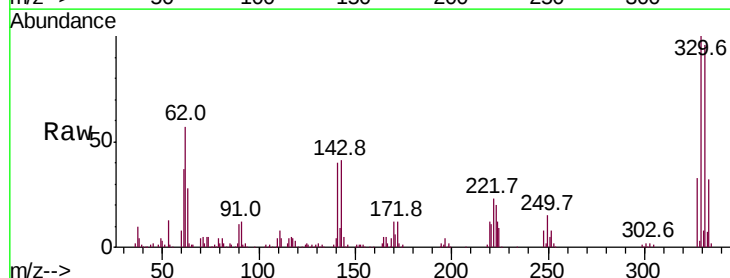


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

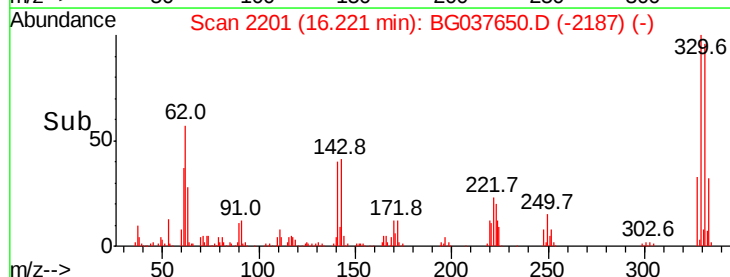
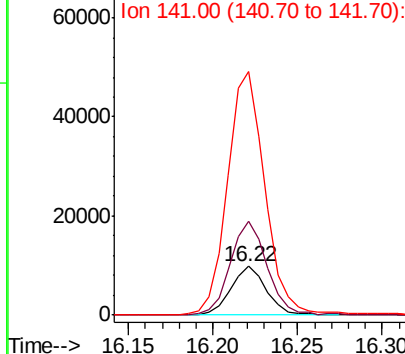


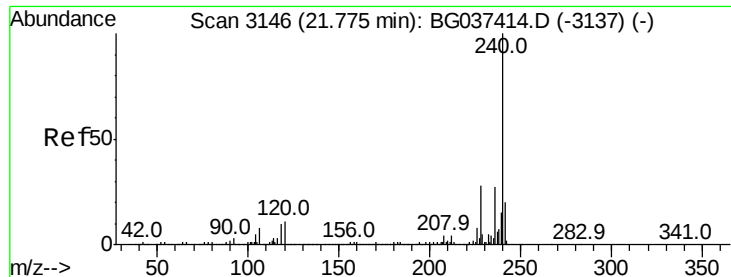
#67
 4-Bromophenyl-phenylether
 Concen: 3.562 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Tgt Ion:248 Resp: 14419
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.0 115.6#
 141 393.6 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: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037650.D

Acq: 30 Oct 2018 12:47

Instrument :

BNA_G

ClientSampleId :

EB-2018.10.25-SW

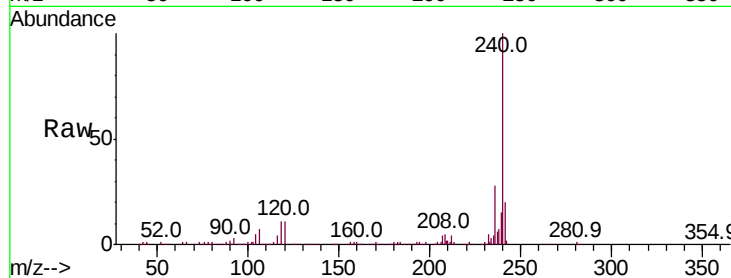
Tot Ion:240 Resp: 334143

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

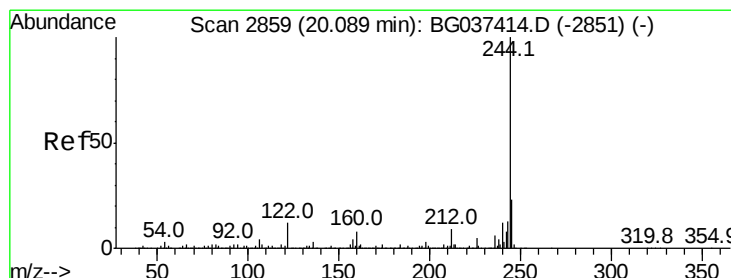
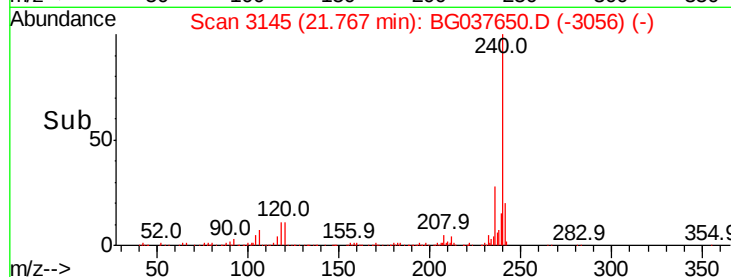
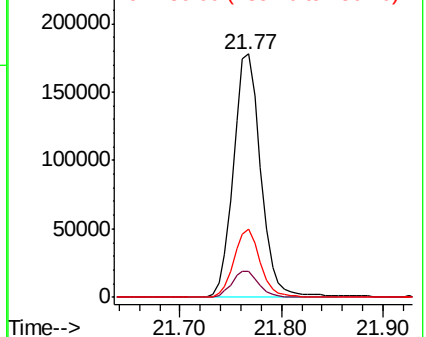
236 27.9 21.4 32.0



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: 78.135 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037650.D

Acq: 30 Oct 2018 12:47

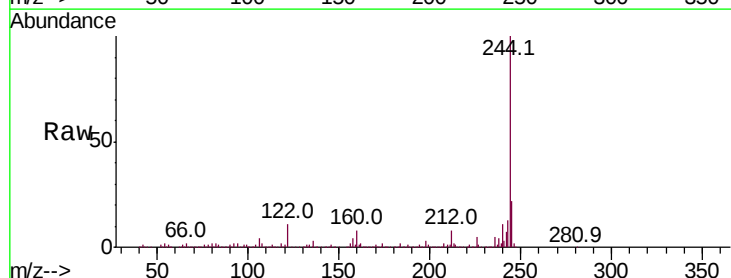
Tgt Ion:244 Resp: 1221864

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

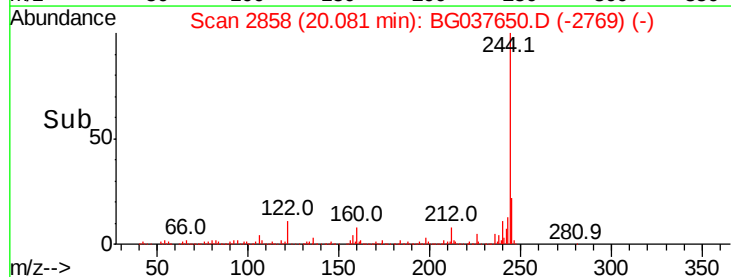
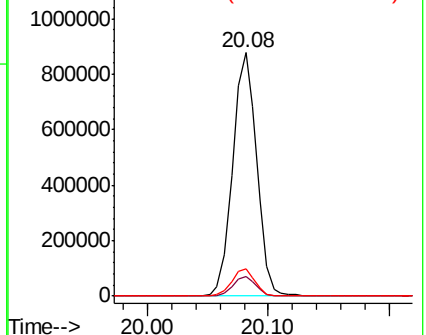
122 11.0 9.0 13.4

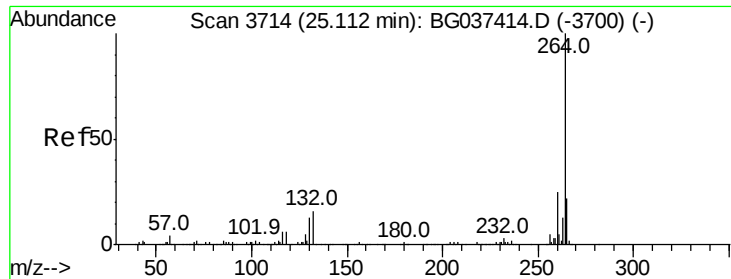


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037650.D
 Acq: 30 Oct 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.25-SW

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	20.7	17.9	26.9

