

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037649.D
 Acq On : 30 Oct 2018 12:08
 Operator : JU/SJ
 Sample : J5696-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 12:46:01 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

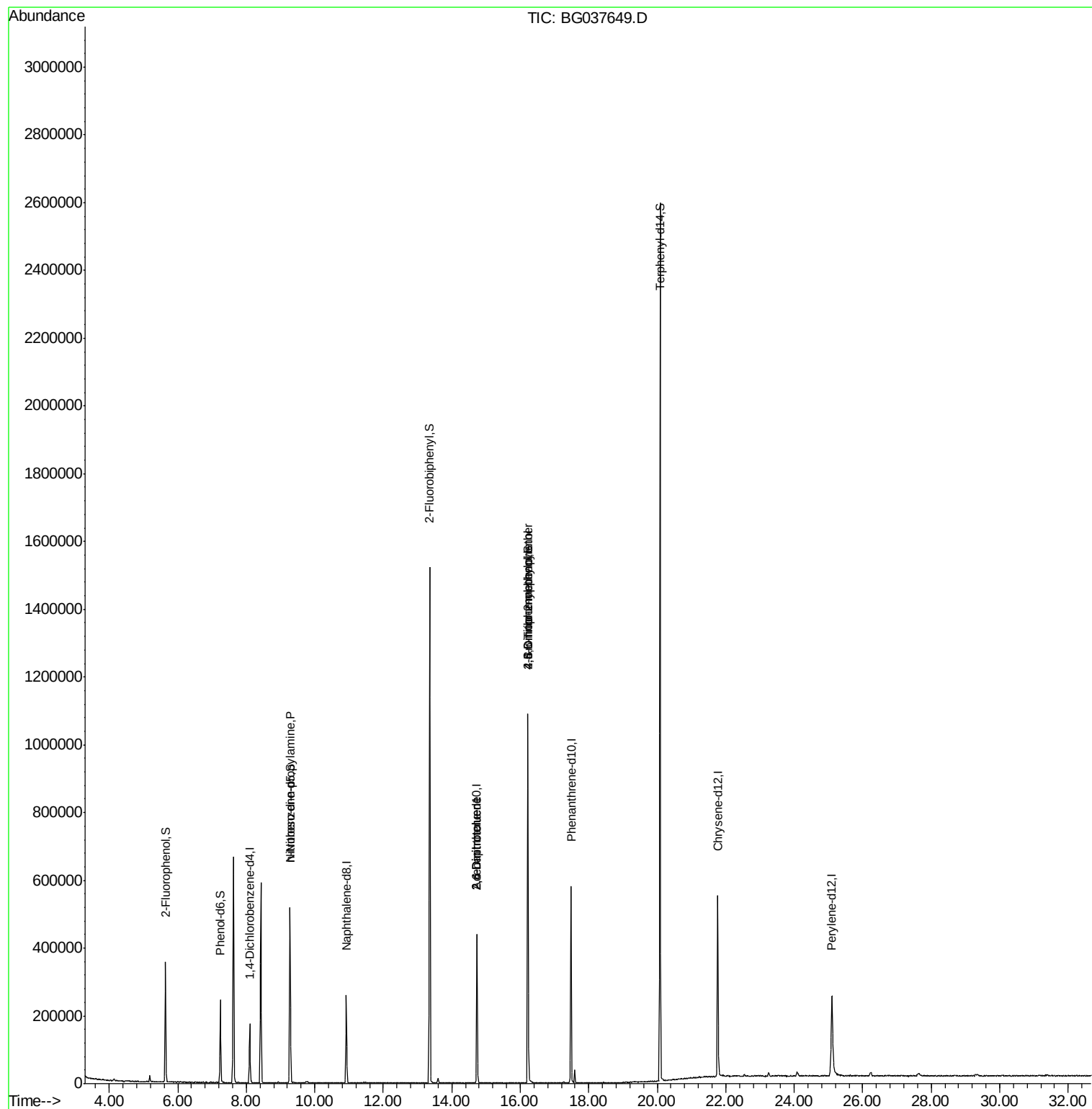
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51249	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231333	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	155116	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	374410	20.00	ng	0.00
76) Chrysene-d12	21.77	240	338141	20.00	ng	0.00
87) Perylene-d12	25.10	264	321568	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	169642	55.34	ng	0.00
7) Phenol-d6	7.24	99	153682	33.15	ng	0.00
23) Nitrobenzene-d5	9.27	82	330932	80.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194523	114.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	830927	80.78	ng	0.00
79) Terphenyl-d14	20.08	244	1243538	78.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41549	13.017	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	20274	7.637	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20274	5.818	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	410	8.679	ng	# 70
67) 4-Bromophenyl-phenylether	16.22	248	14782	3.595	ng	# 1

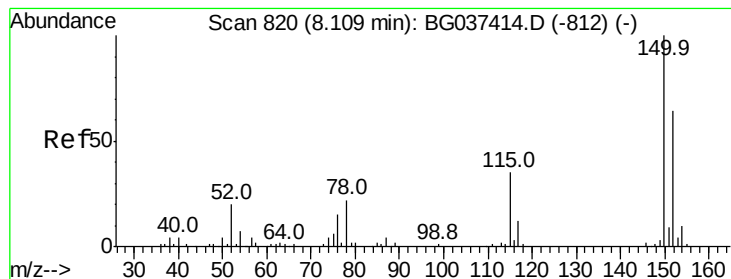
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :

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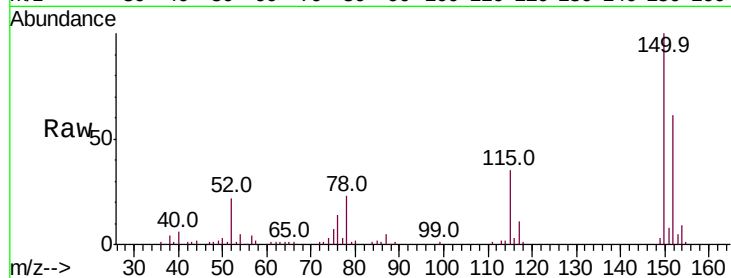


#1

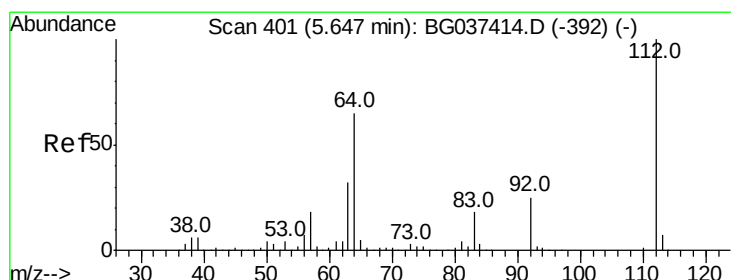
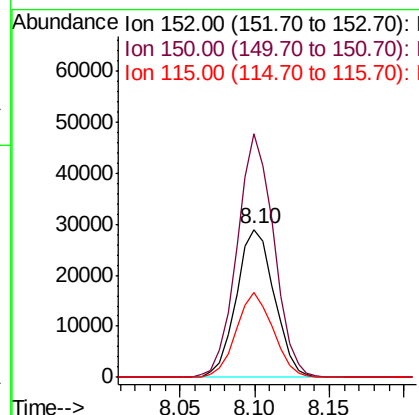
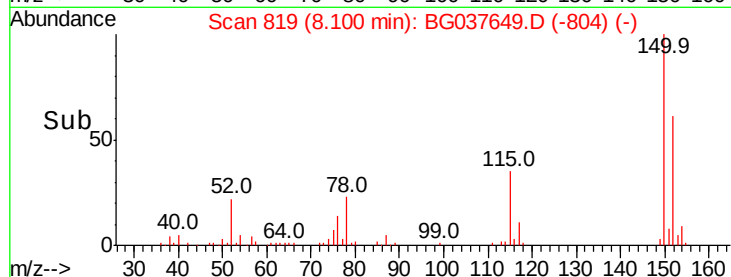
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51249
Ion Ratio Lower Upper
152 100
150 164.7 126.0 189.0
115 57.1 45.5 68.3



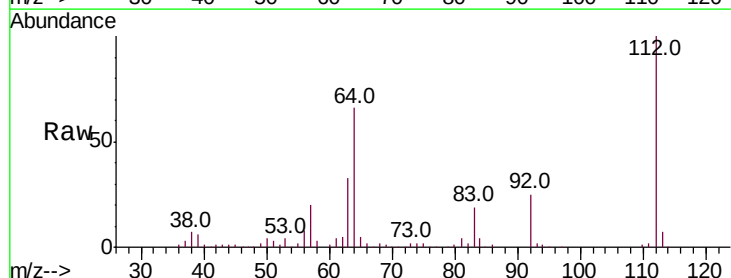
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



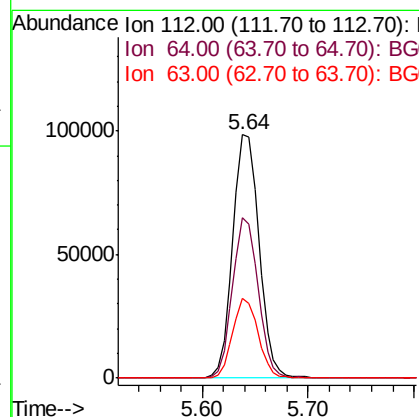
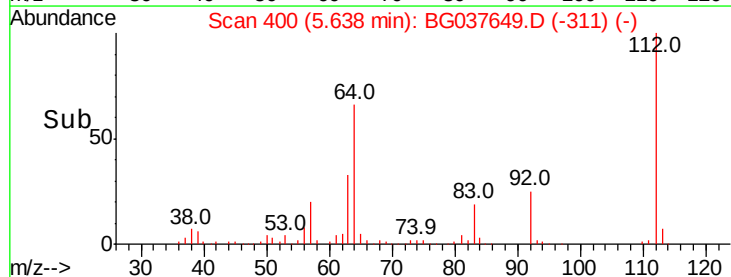
#5

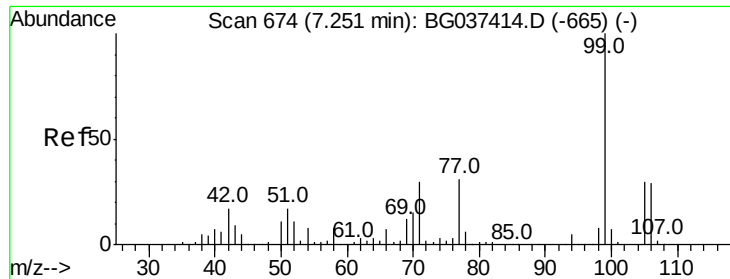
2-Fluorophenol
Concen: 55.341 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Tgt Ion:112 Resp: 169642
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 32.6 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: 33.155 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037649.D

Acq: 30 Oct 2018 12:08

Instrument :

BNA_G

ClientSampled :

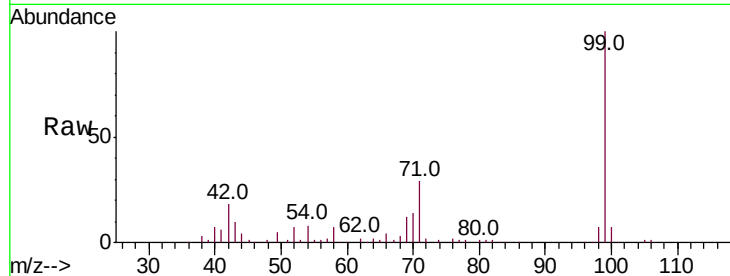
Tot Ion: 99 Resp: 153682

Ion Ratio Lower Upper

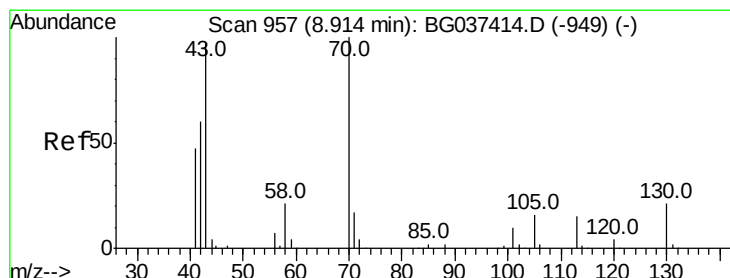
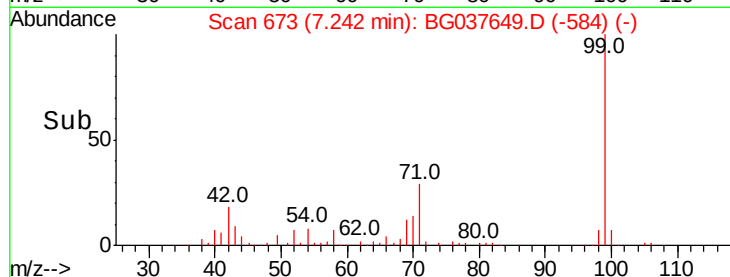
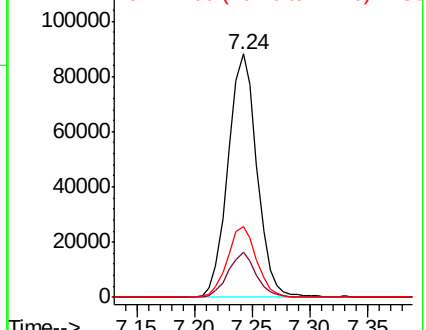
99 100

42 18.3 15.0 22.4

71 29.1 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: 13.017 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037649.D

Acq: 30 Oct 2018 12:08

Tgt Ion: 70 Resp: 41549

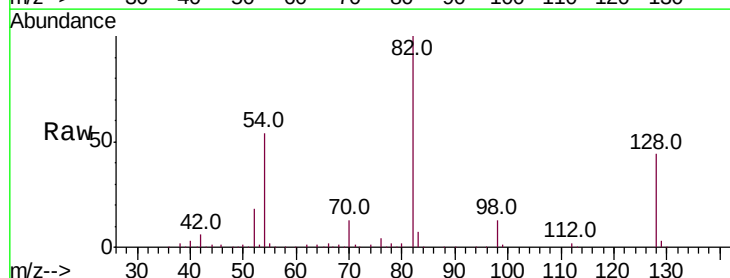
Ion Ratio Lower Upper

70 100

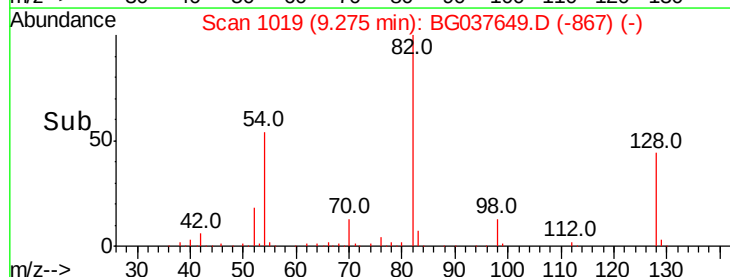
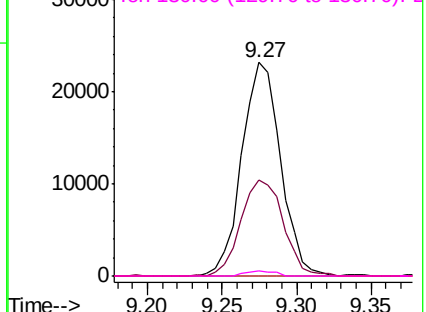
42 45.1 53.9 80.9#

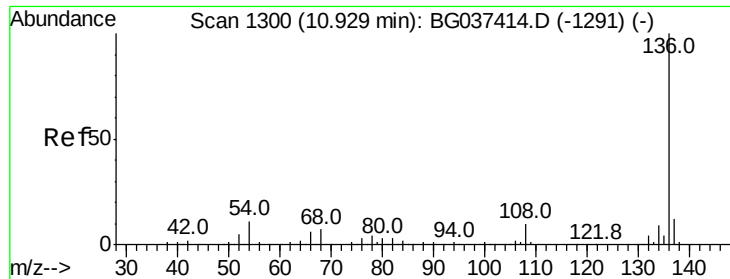
101 0.0 8.2 12.2#

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

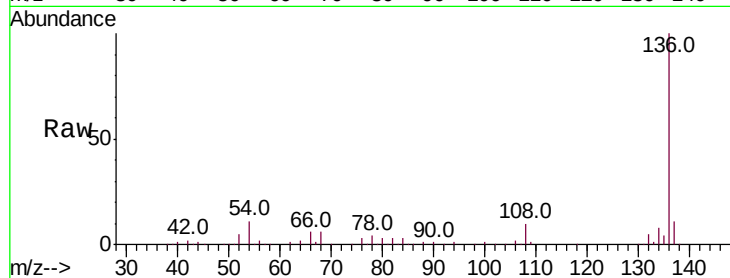




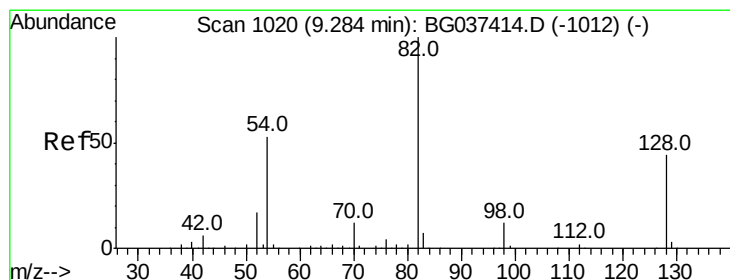
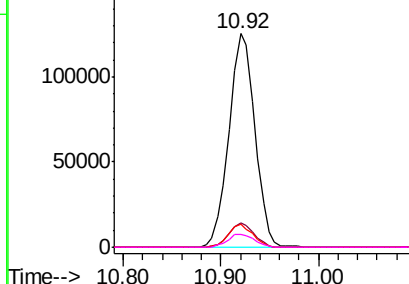
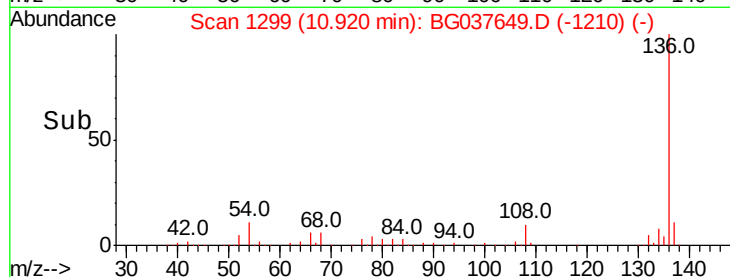
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	231333
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.9	7.9	11.9
68	6.2	4.8	7.2

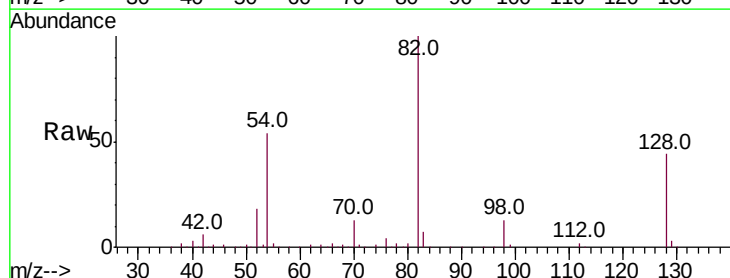


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

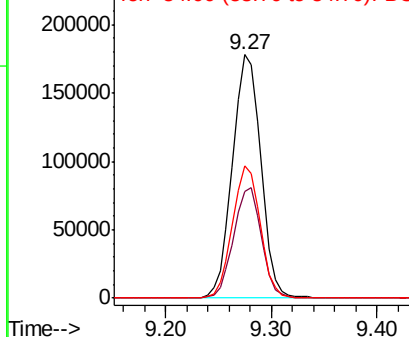
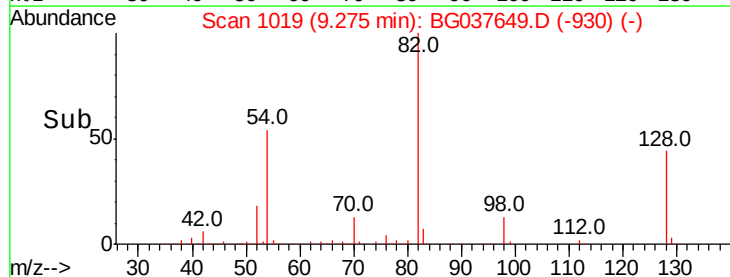


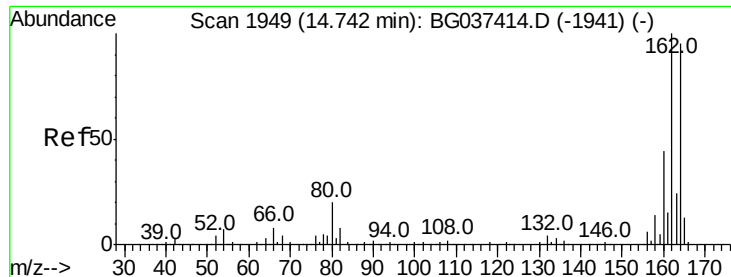
#23
Nitrobenzene-d5
Concen: 80.138 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Tgt Ion:	82	Resp:	330932
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	54.3	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG037649.D

Acq: 30 Oct 2018 12:08

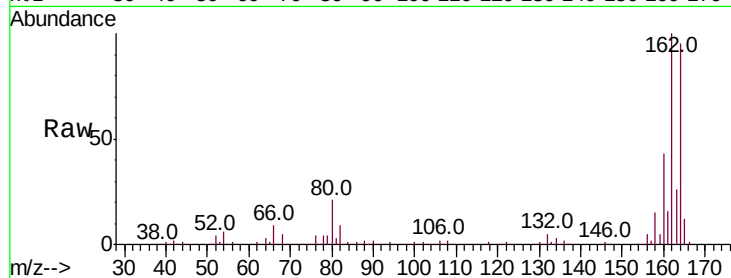
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 155116

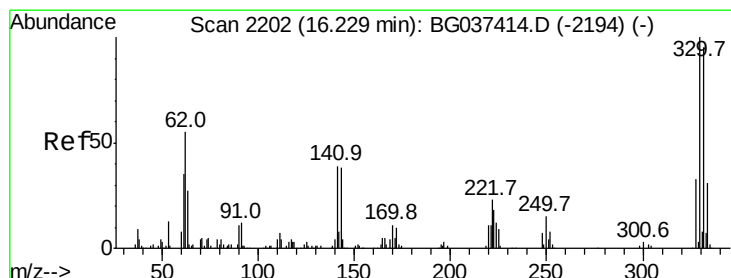
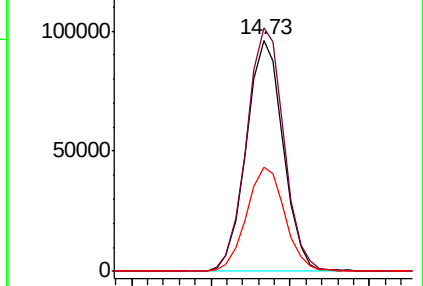
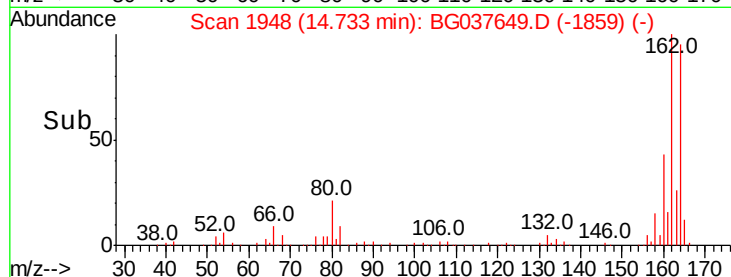
Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.3	121.9
160	45.3	36.3	54.5



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: 114.978 ng

RT: 16.22 min Scan# 2201

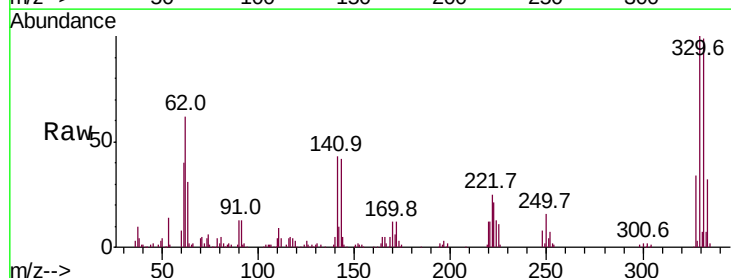
Delta R.T. -0.01 min

Lab File: BG037649.D

Acq: 30 Oct 2018 12:08

Tgt Ion:330 Resp: 194523

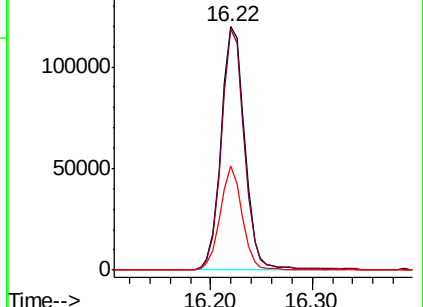
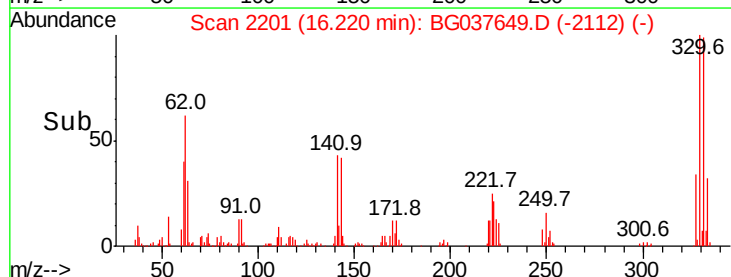
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	39.8	32.2	48.2

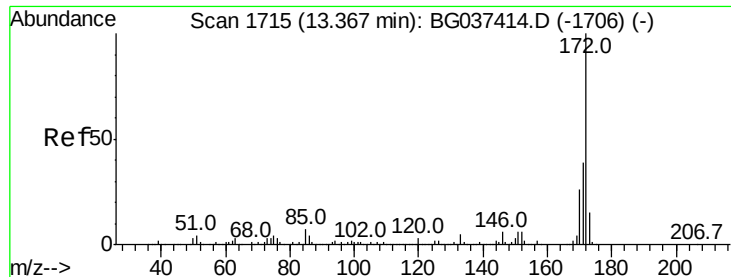


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

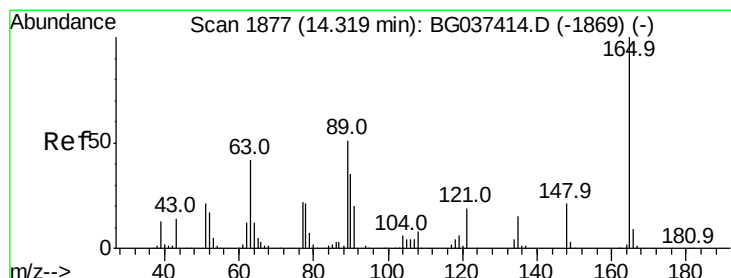
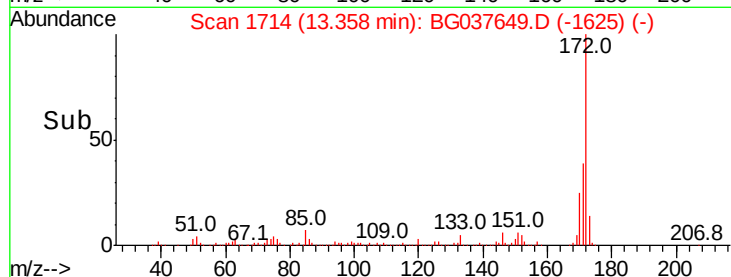
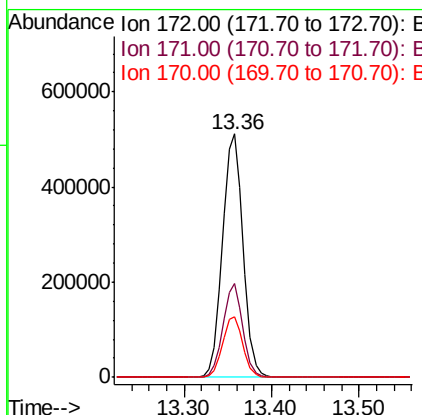
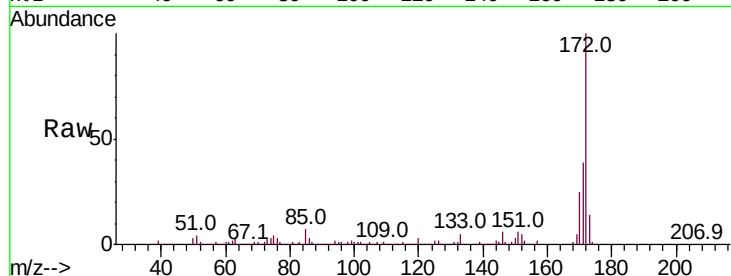




#45
2-Fluorobiphenyl
Concen: 80.778 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

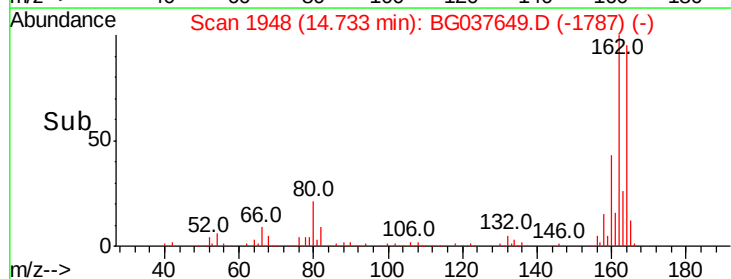
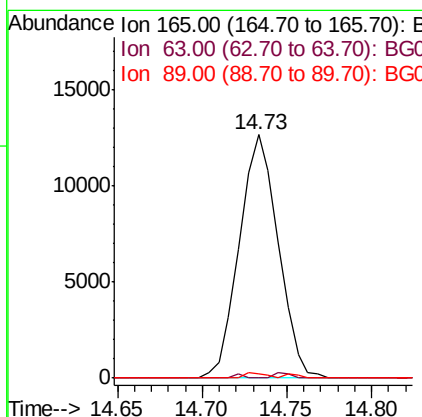
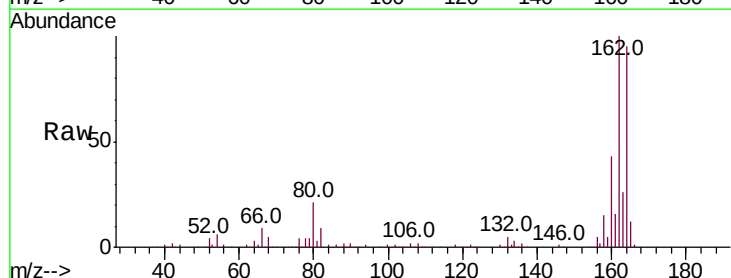
Instrument :
BNA_G
ClientSampleId :

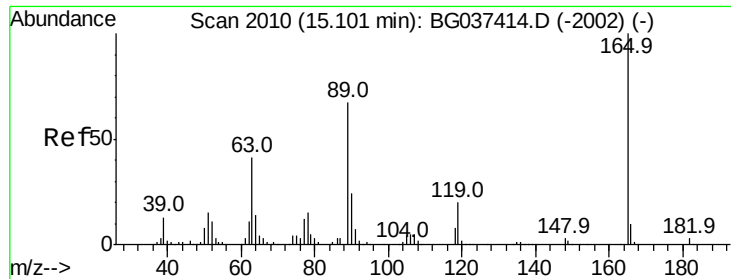
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.9	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.637 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.9	45.8	68.6#

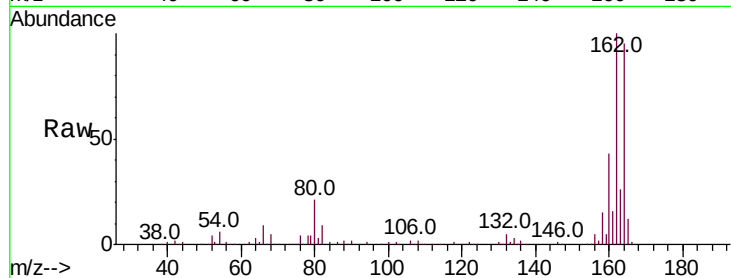




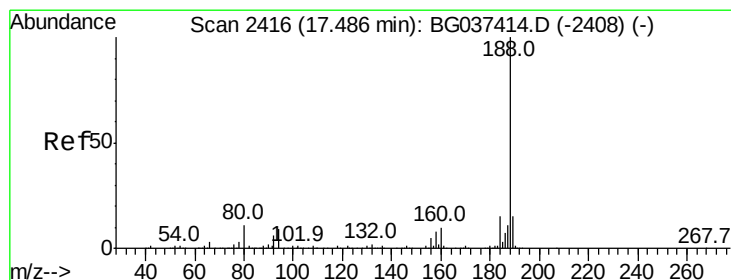
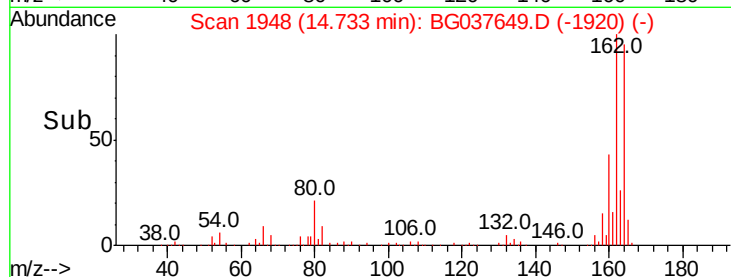
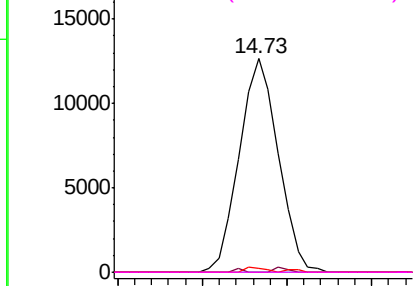
#57
 2,4-Dinitrotoluene
 Concen: 5.818 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20274
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.9 57.2 85.8#
 182 0.0 2.6 4.0#

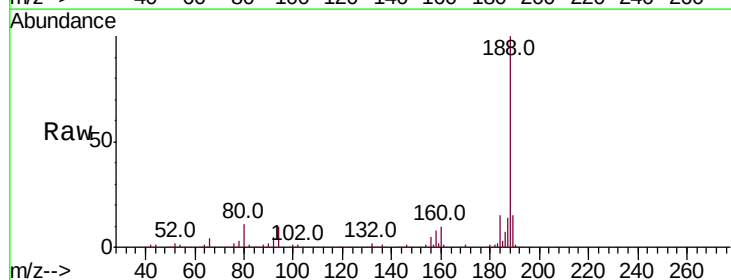


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

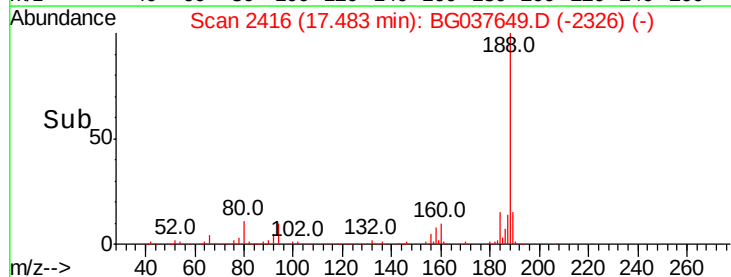
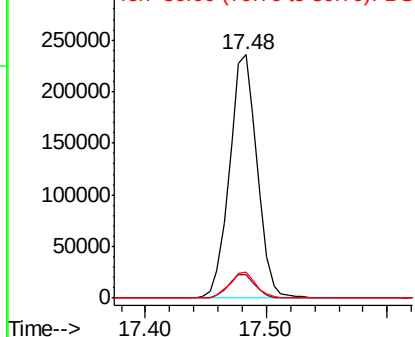


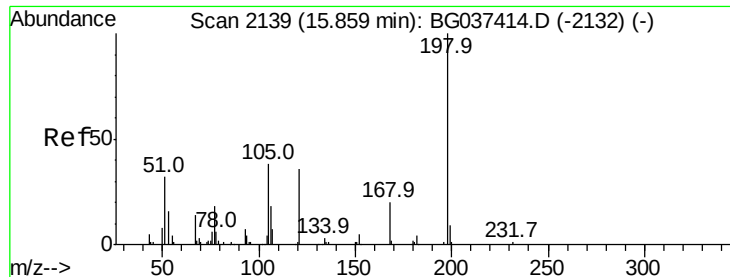
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

Tgt Ion:188 Resp: 374410
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.8 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

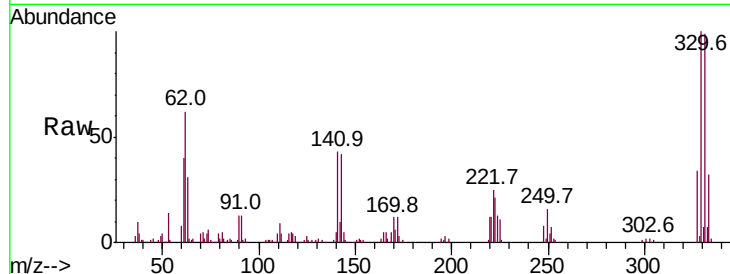




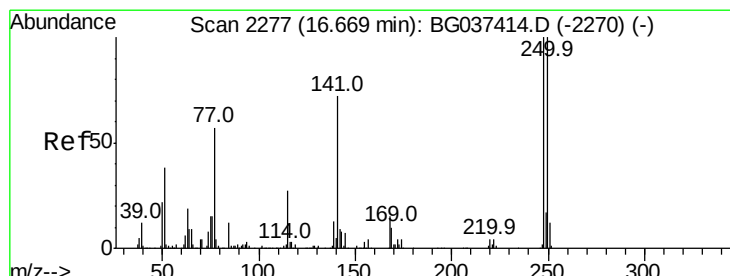
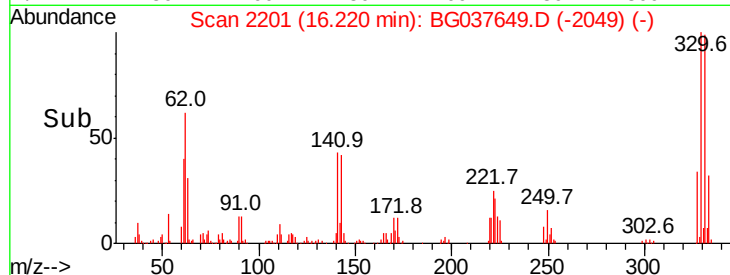
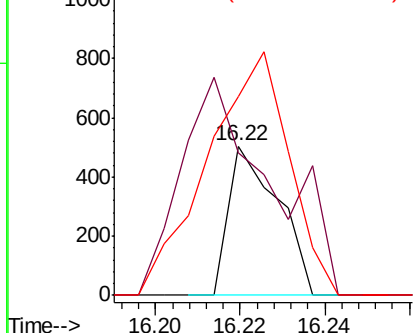
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.679 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 410
 Ion Ratio Lower Upper
 198 100
 51 18.7 22.7 62.7#
 105 26.1 19.7 59.7

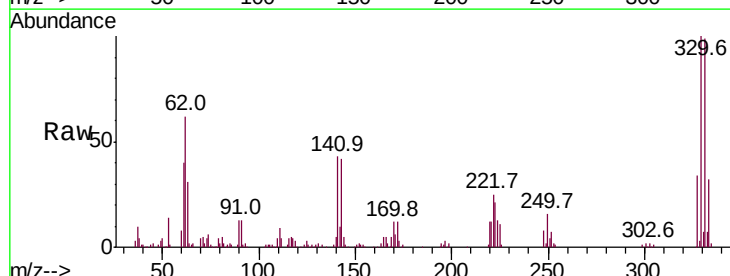


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

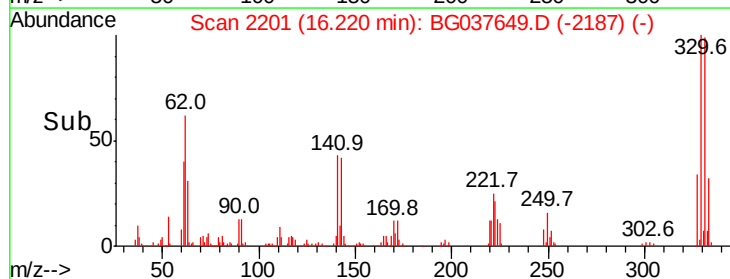
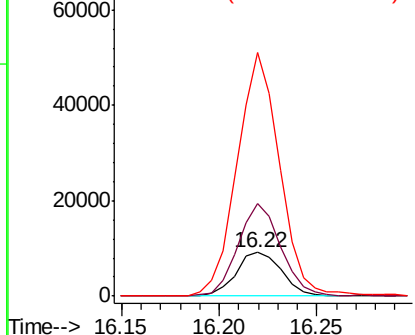


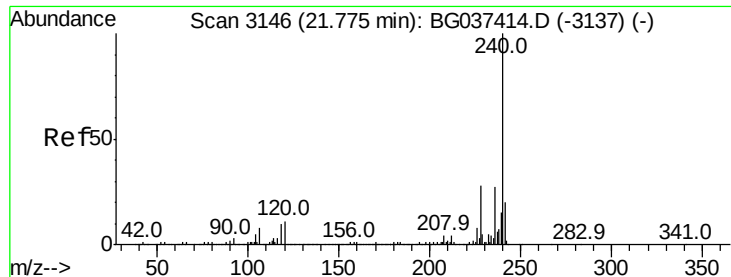
#67
 4-Bromophenyl-phenylether
 Concen: 3.595 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

Tgt Ion:248 Resp: 14782
 Ion Ratio Lower Upper
 248 100
 250 260.9 77.0 115.6#
 141 559.6 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

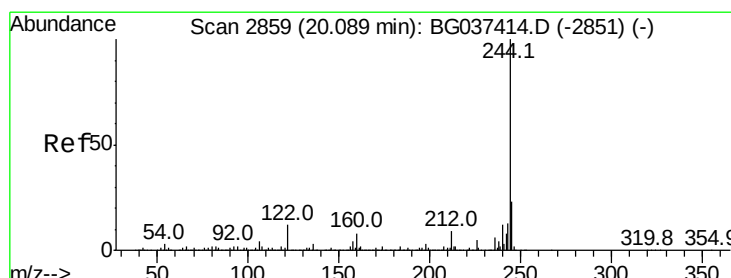
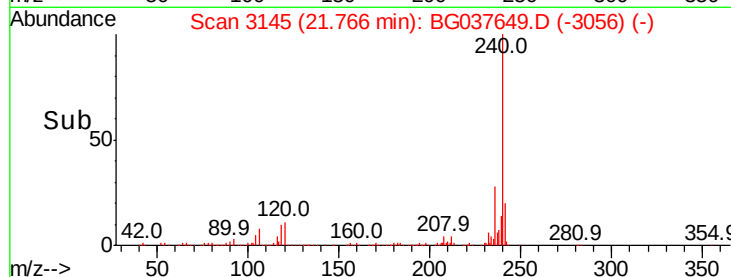
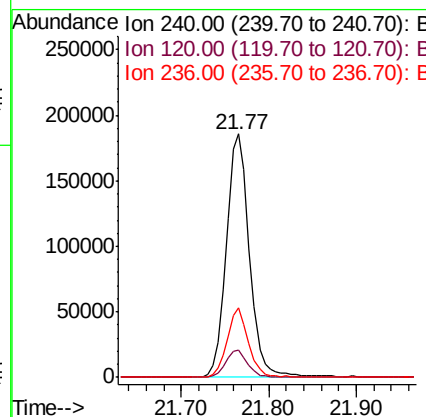
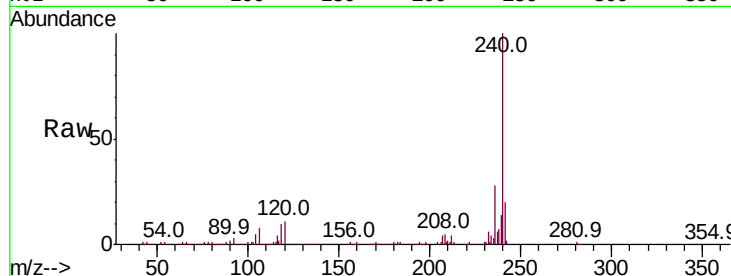




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

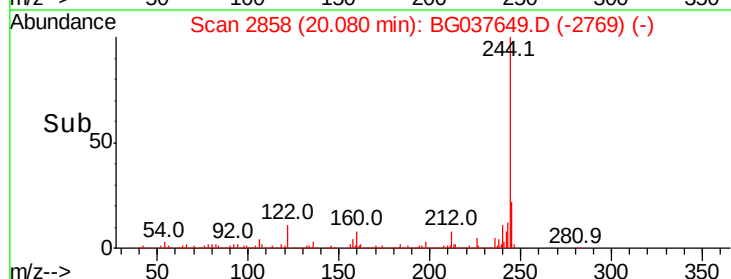
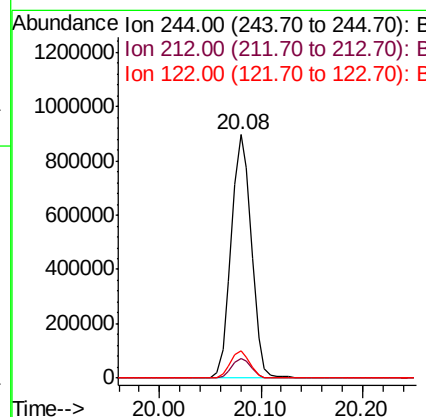
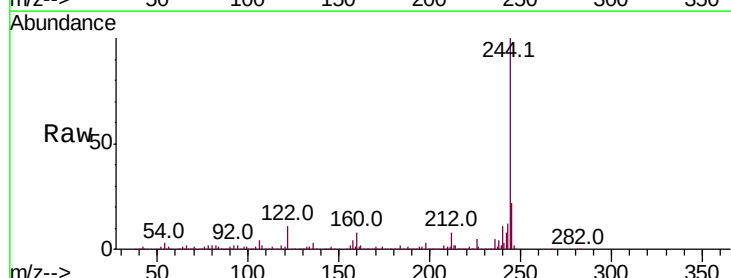
Instrument :
 BNA_G
 ClientSampled :

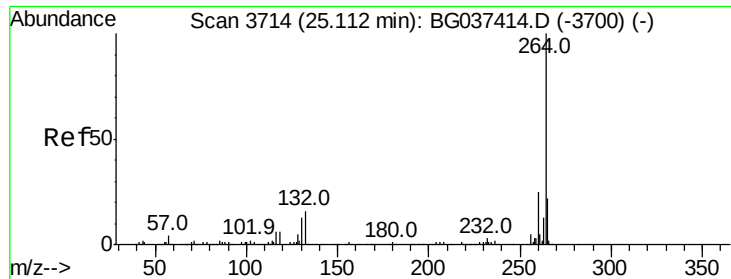
Tot Ion:240 Resp: 338141
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 28.4 21.4 32.0



#79
 Terphenyl-d14
 Concen: 78.581 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037649.D
 Acq: 30 Oct 2018 12:08

Tgt Ion:244 Resp: 1243538
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037649.D
Acq: 30 Oct 2018 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	23.3	17.9	26.9

