

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037577.D
 Acq On : 26 Oct 2018 12:35
 Operator : JU/SJ
 Sample : J5655-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0006

Quant Time: Oct 26 13:37:08 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

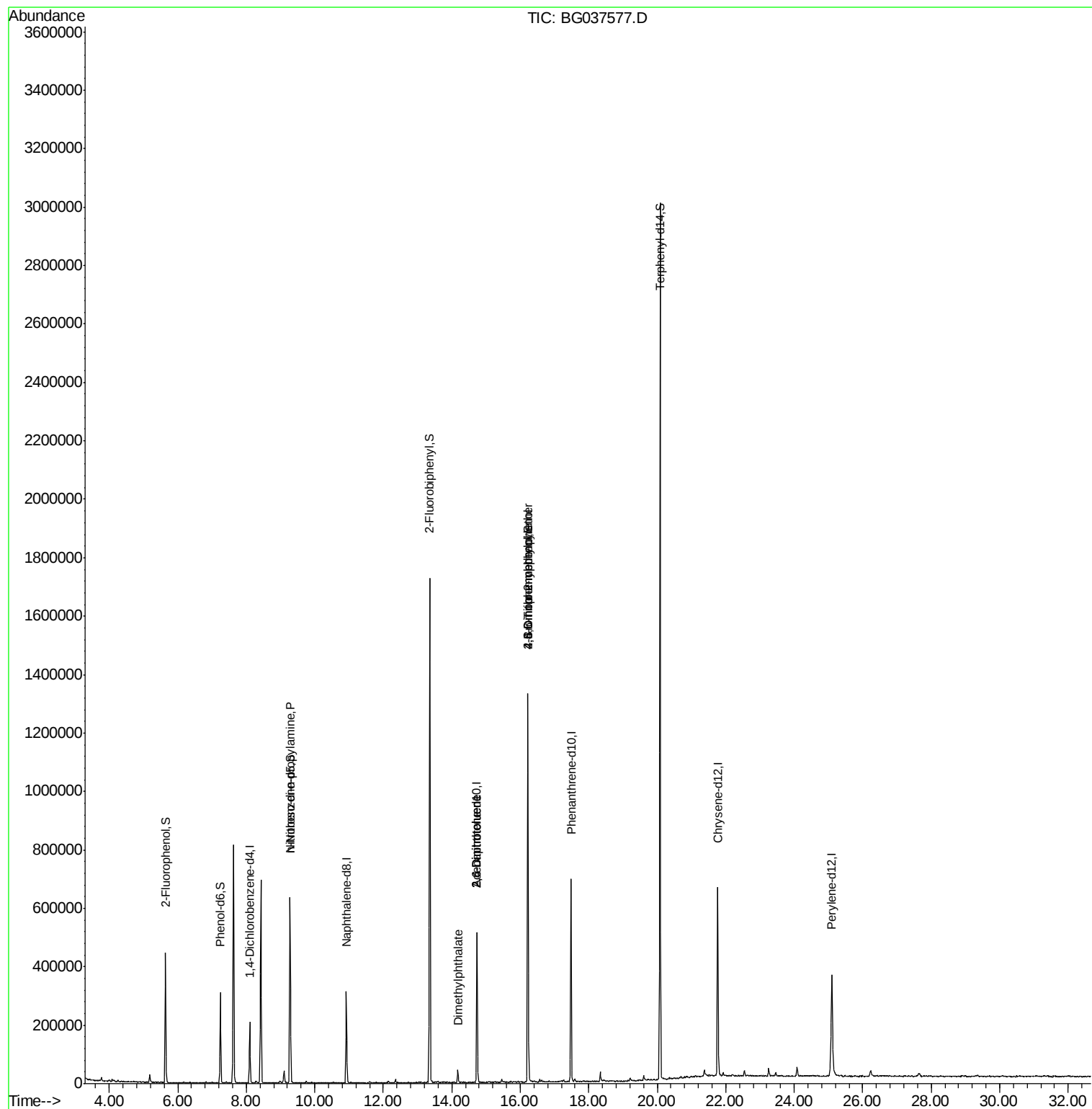
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62346	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	280087	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	187838	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	447421	20.00	ng	0.00
76) Chrysene-d12	21.77	240	412270	20.00	ng	0.00
87) Perylene-d12	25.10	264	409426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	215205	57.71	ng	0.00
7) Phenol-d6	7.24	99	193076	34.24	ng	0.00
23) Nitrobenzene-d5	9.28	82	401945	80.39	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242415	118.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	945076	75.87	ng	0.00
79) Terphenyl-d14	20.08	244	1426353	73.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	49918	12.855	ng	Qvalue
50) Dimethylphthalate	14.18	163	30868	2.124	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	24521	7.628	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	24521	5.811	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	853	8.806	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	18055	3.675	ng	# 1

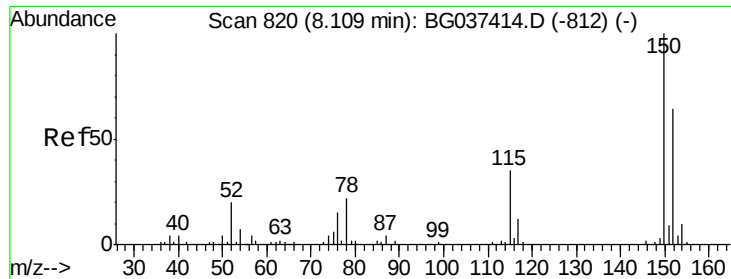
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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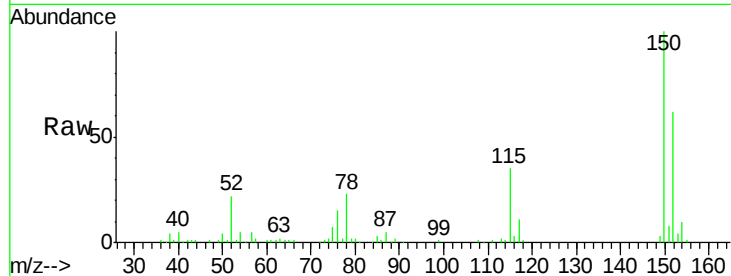


#1

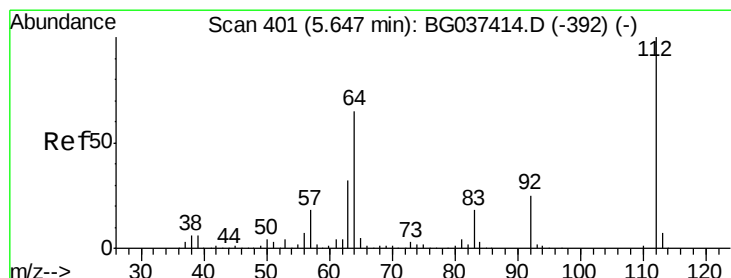
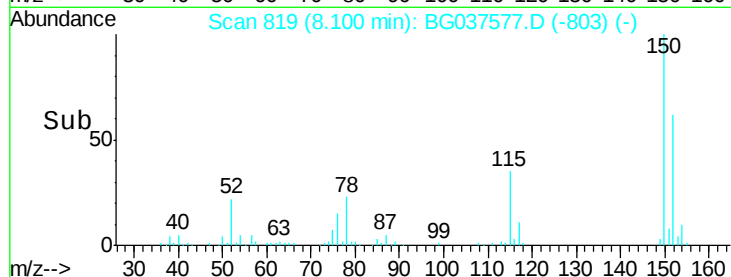
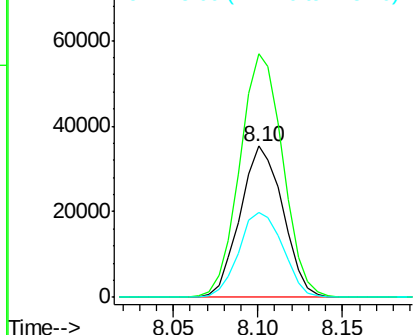
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :
S37-0006

Tgt Ion:152 Resp: 62346
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 56.3 45.5 68.3



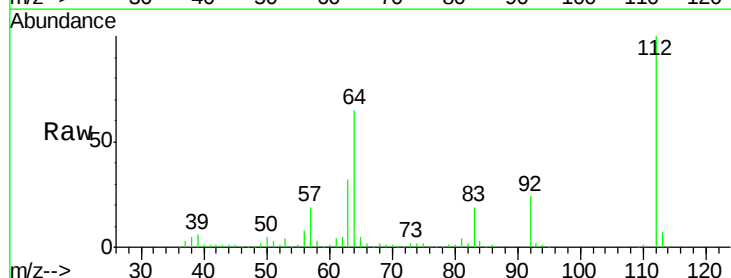
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



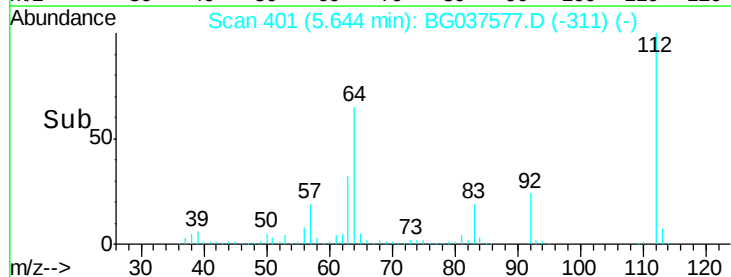
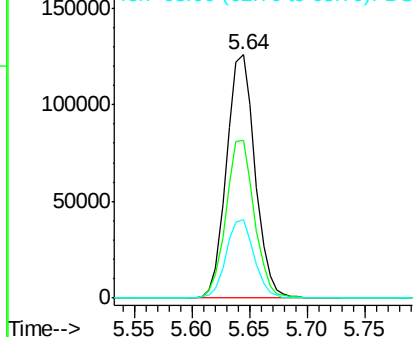
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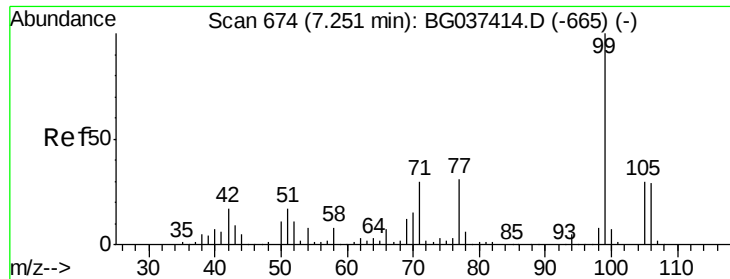
2-Fluorophenol
Concen: 57.709 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

Tgt Ion:112 Resp: 215205
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 32.4 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: 34.240 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

Instrument :

BNA_G

ClientSampled :

S37-0006

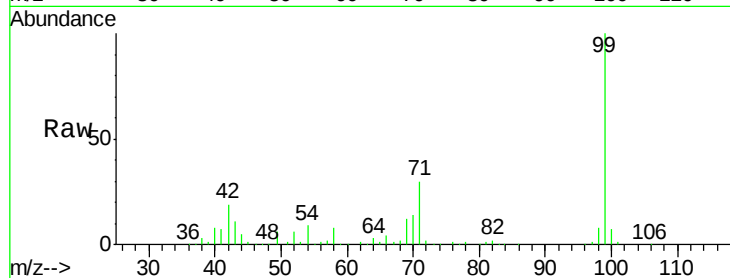
Tgt Ion: 99 Resp: 193076

Ion Ratio Lower Upper

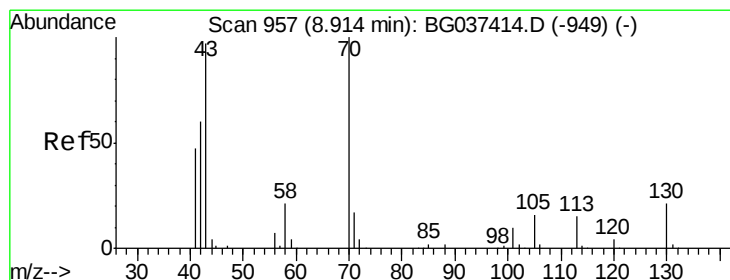
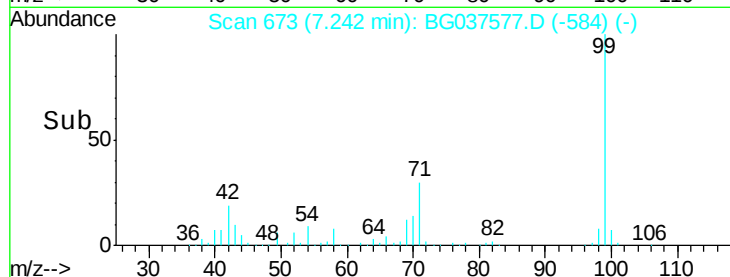
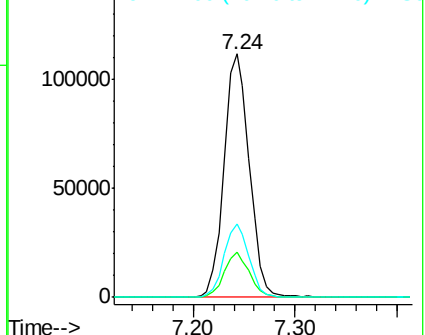
99 100

42 18.7 15.0 22.4

71 30.0 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: 12.855 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

Tgt Ion: 70 Resp: 49918

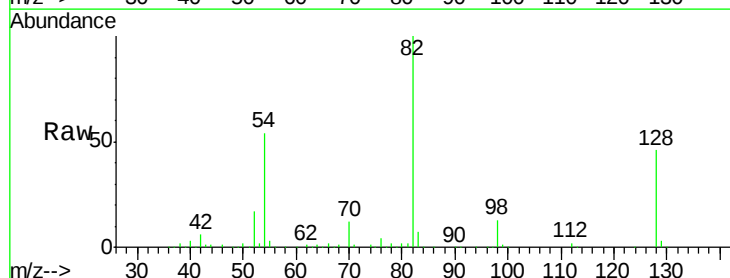
Ion Ratio Lower Upper

70 100

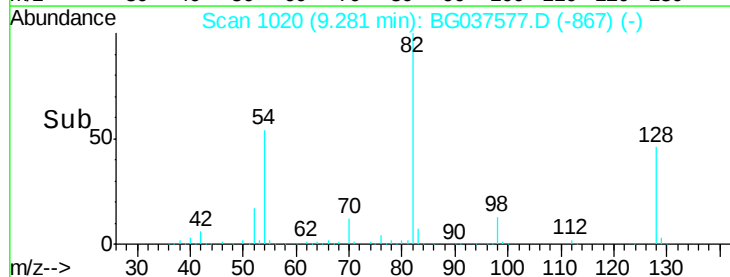
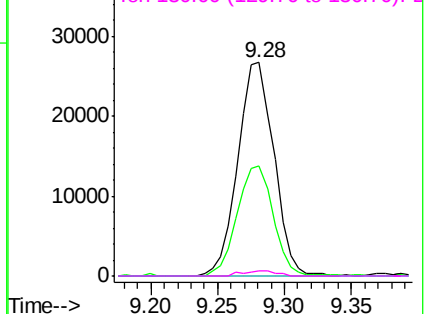
42 51.6 53.9 80.9#

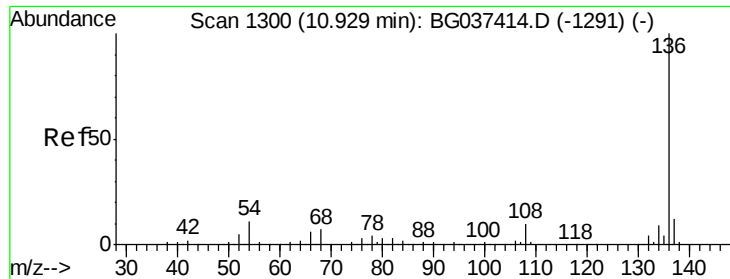
101 0.0 8.2 12.2#

130 2.4 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

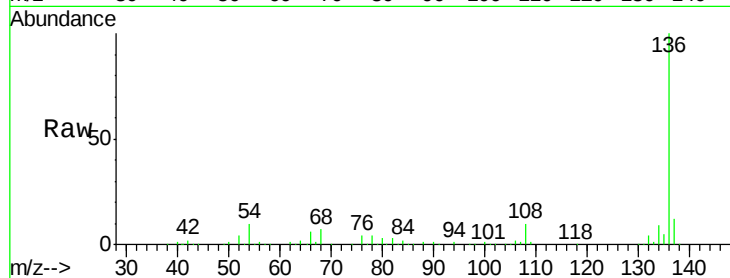




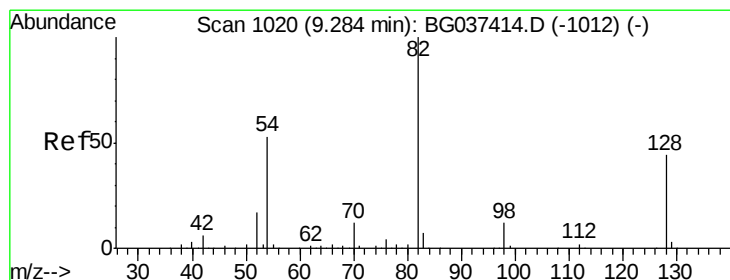
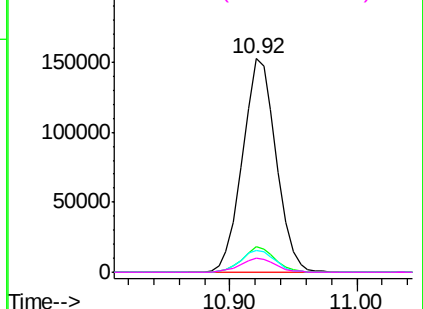
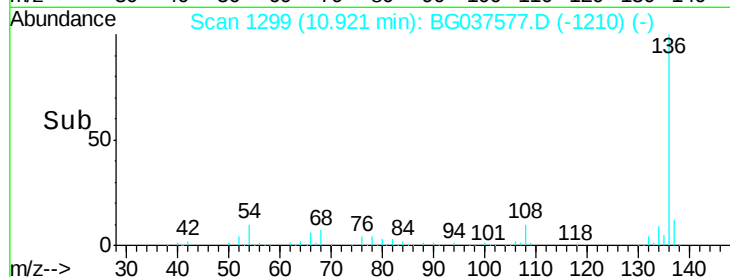
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :
S37-0006

Tgt Ion:	136	Resp:	280087
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.9	7.9	11.9
68	6.7	4.8	7.2

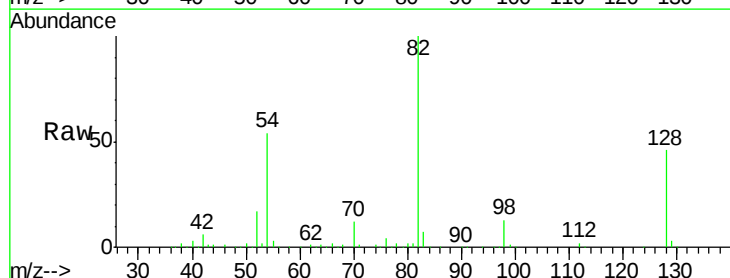


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

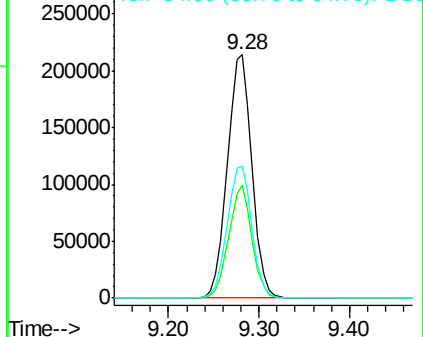
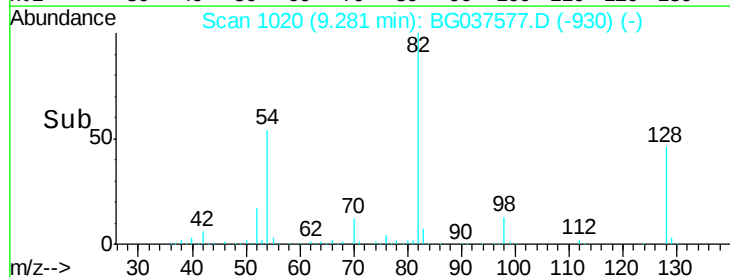


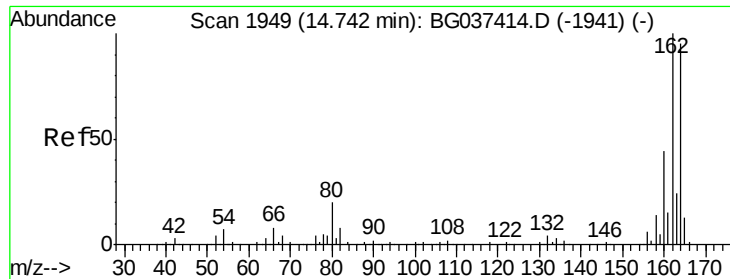
#23
Nitrobenzene-d5
Concen: 80.391 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

Tgt Ion:	82	Resp:	401945
Ion	Ratio	Lower	Upper
82	100		
128	46.2	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: BG037577.D

Acq: 26 Oct 2018 12:35

Instrument :

BNA_G

ClientSampleId :

S37-0006

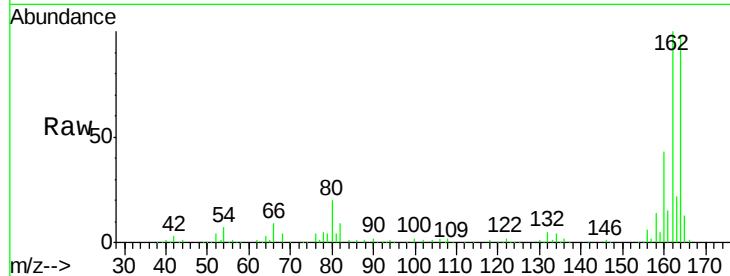
Tgt Ion:164 Resp: 187838

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

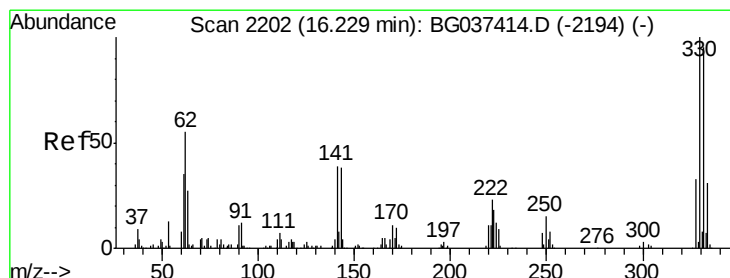
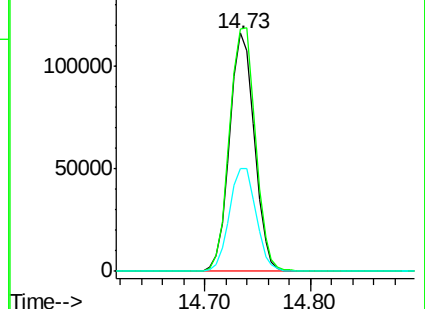
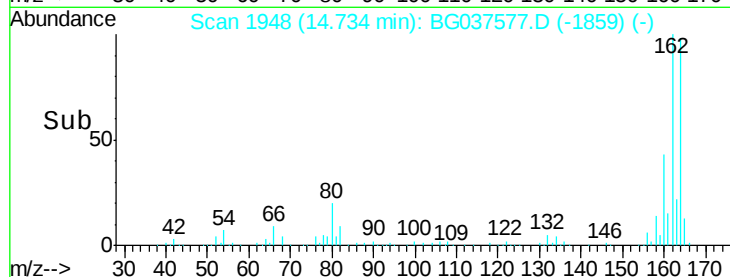
160 43.3 36.3 54.5



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: 118.325 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

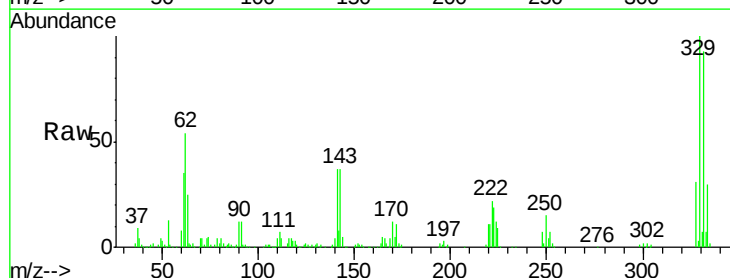
Tgt Ion:330 Resp: 242415

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

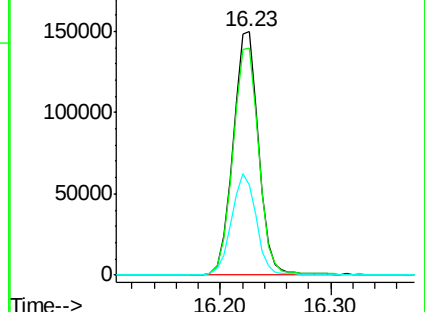
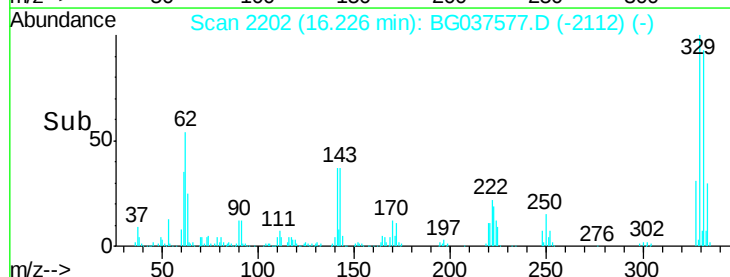
141 40.8 32.2 48.2

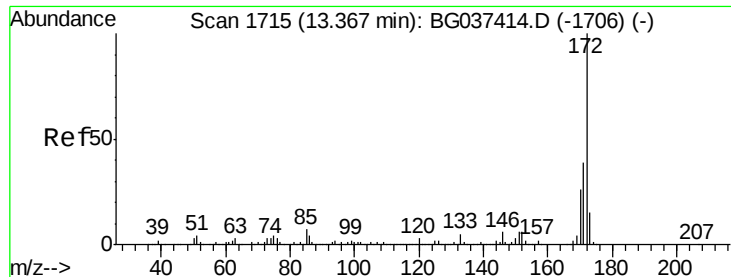


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

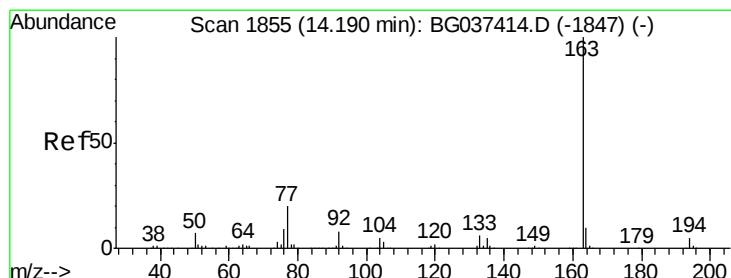
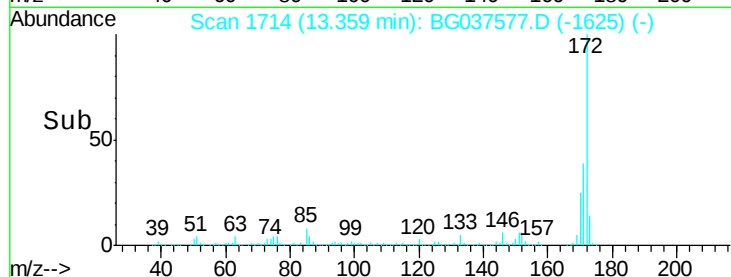
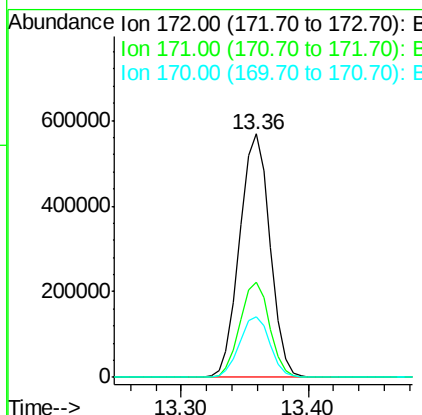
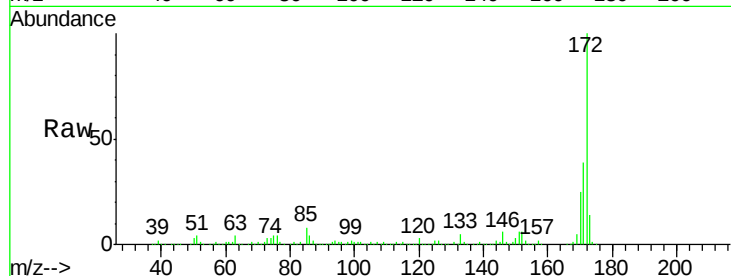




#45
2-Fluorobiphenyl
Concen: 75.870 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

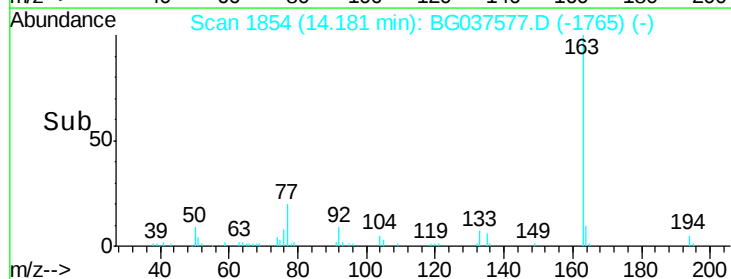
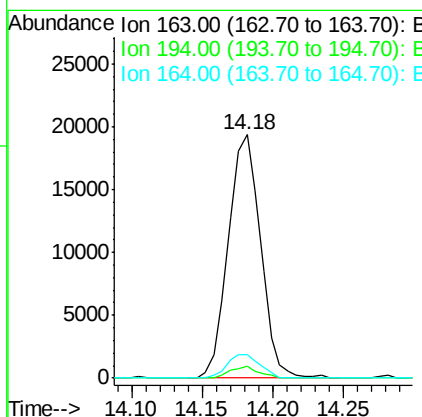
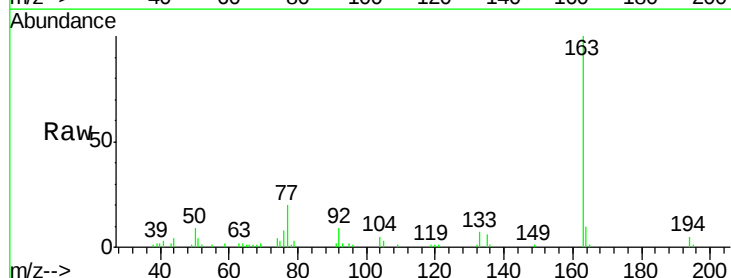
Instrument :
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S37-0006

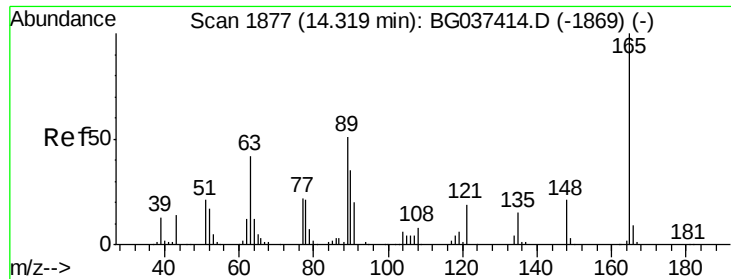
Tgt Ion:172 Resp: 945076
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 25.1 20.2 30.2



#50
Dimethylphthalate
Concen: 2.124 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037577.D
Acq: 26 Oct 2018 12:35

Tgt Ion:163 Resp: 30868
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 9.7 8.5 12.7

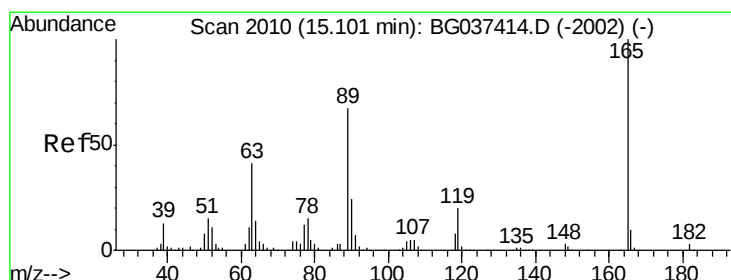
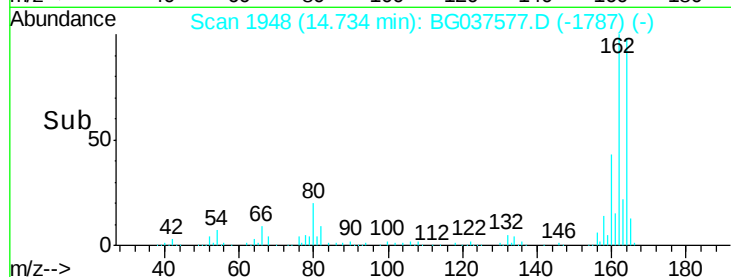
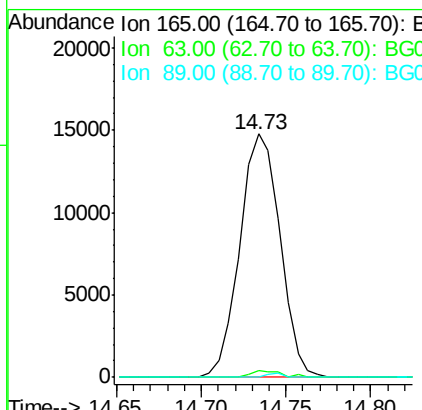
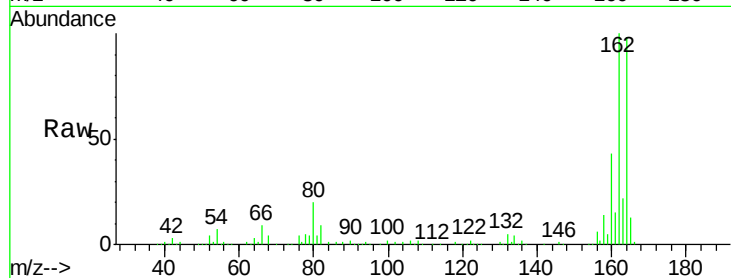




#51
 2,6-Dinitrotoluene
 Concen: 7.628 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037577.D
 Acq: 26 Oct 2018 12:35

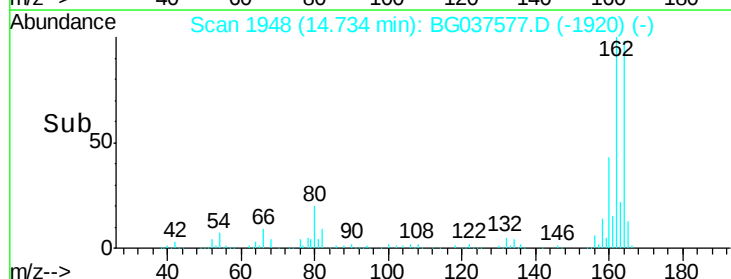
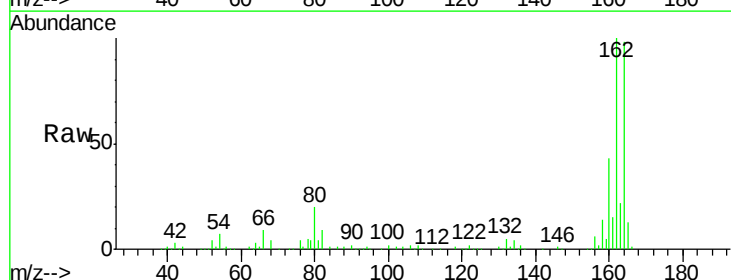
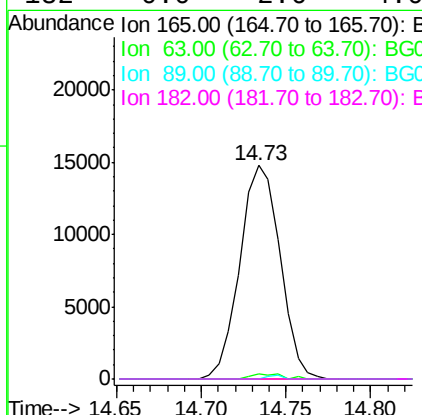
Instrument :
 BNA_G
 ClientSampleId :
 S37-0006

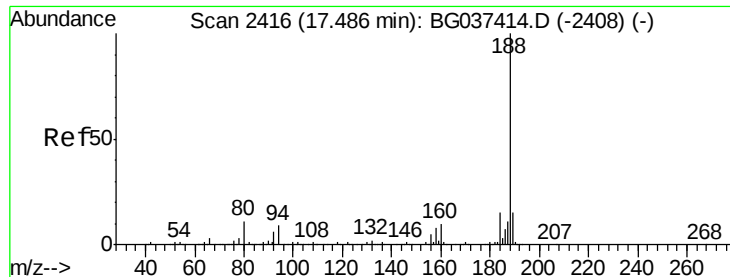
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037577.D
 Acq: 26 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	0.0	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: BG037577.D

Acq: 26 Oct 2018 12:35

Instrument :

BNA_G

ClientSampleId :

S37-0006

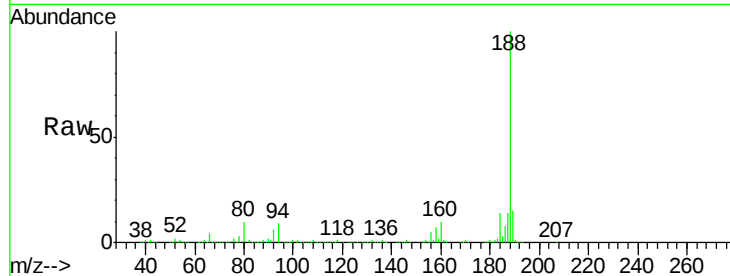
Tgt Ion:188 Resp: 447421

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

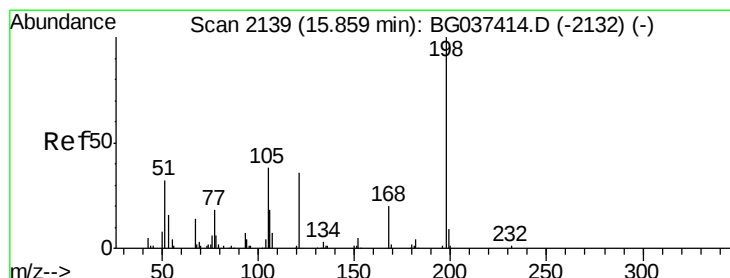
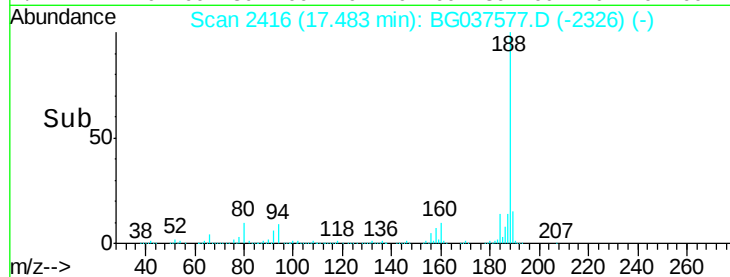
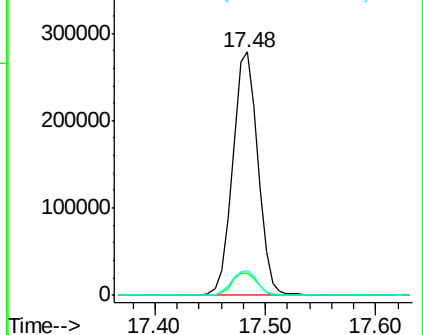
80 10.0 7.7 11.5



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: 8.806 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

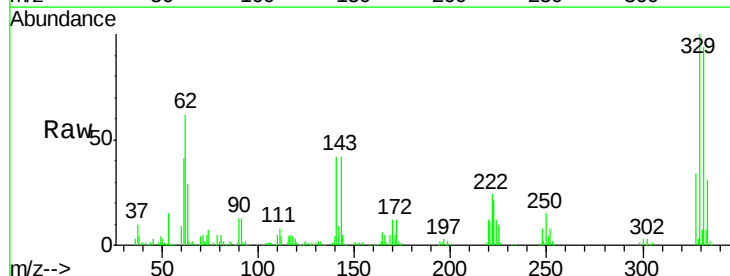
Tgt Ion:198 Resp: 853

Ion Ratio Lower Upper

198 100

51 25.2 22.7 62.7

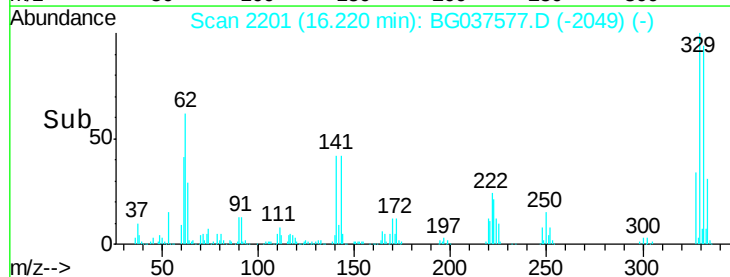
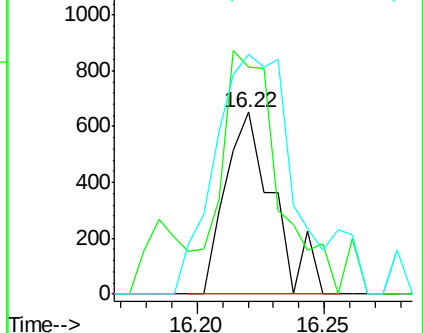
105 26.7 19.7 59.7

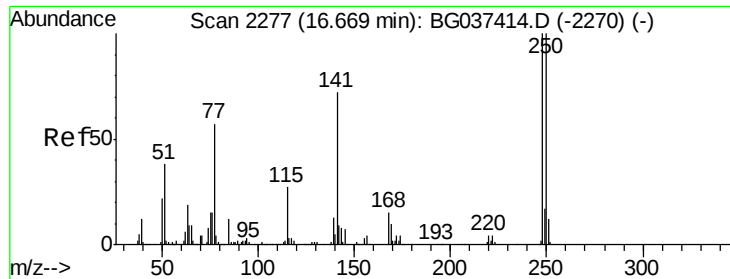


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.675 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

Instrument :

BNA_G

ClientSampleId :

S37-0006

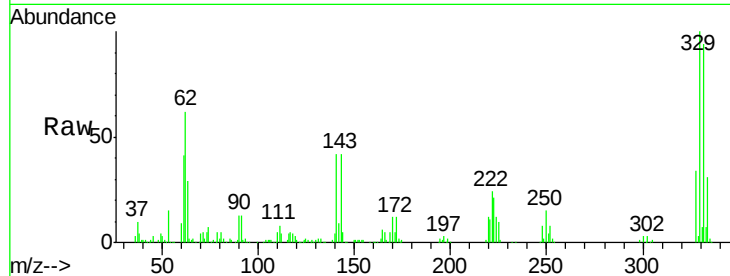
Tgt Ion:248 Resp: 18055

Ion Ratio Lower Upper

248 100

250 189.3 77.0 115.6#

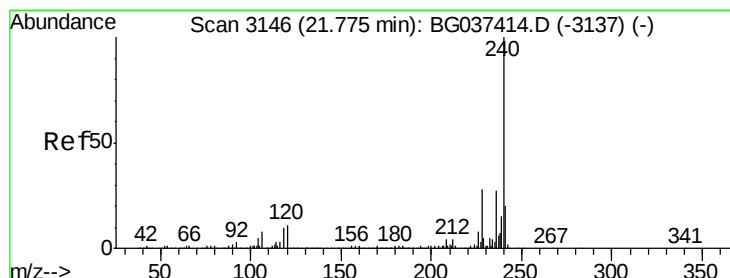
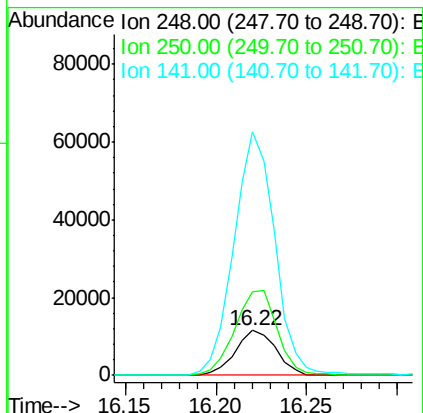
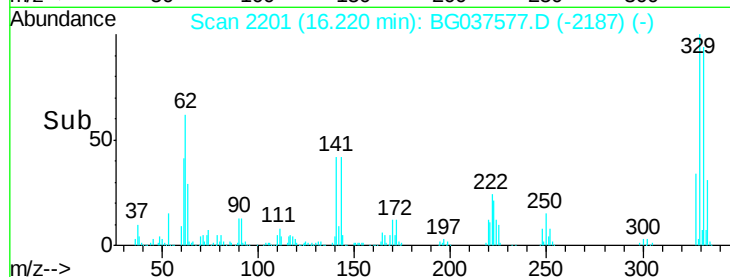
141 429.9 55.5 83.3#



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: BG037577.D

Acq: 26 Oct 2018 12:35

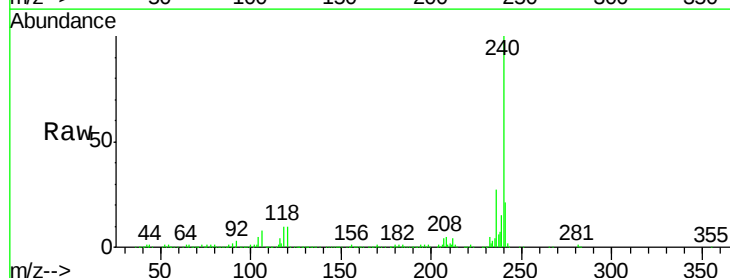
Tgt Ion:240 Resp: 412270

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

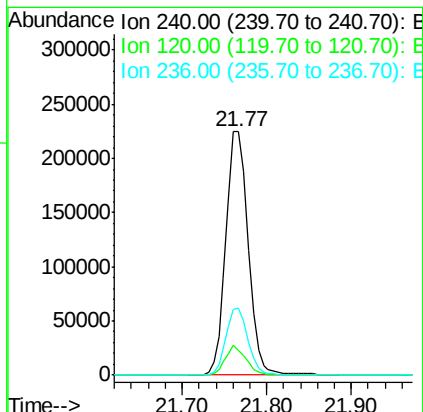
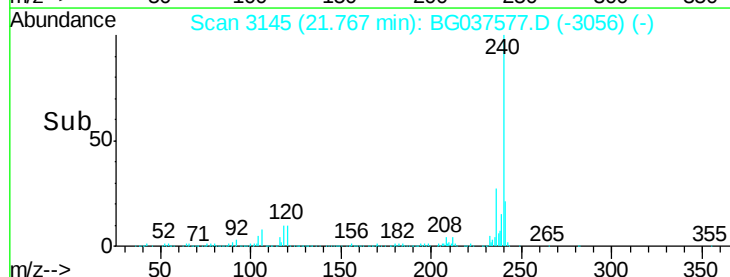
236 27.3 21.4 32.0

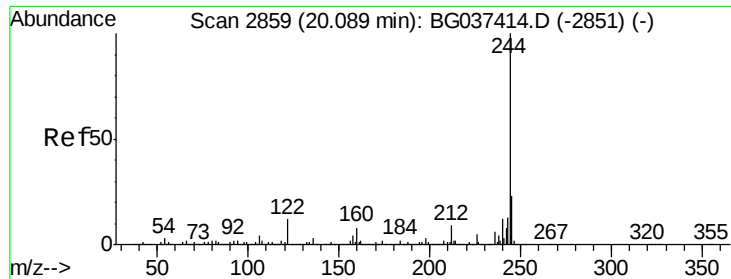


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.927 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

Instrument :

BNA_G

ClientSampleId :

S37-0006

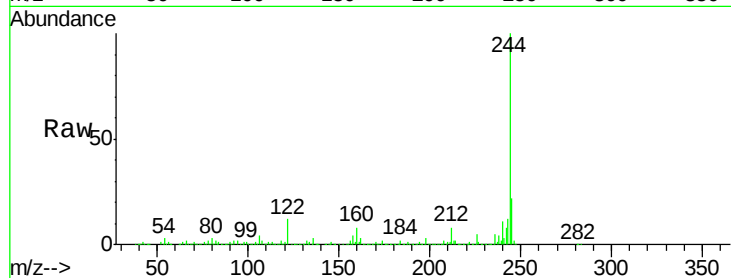
Tgt Ion:244 Resp: 1426353

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

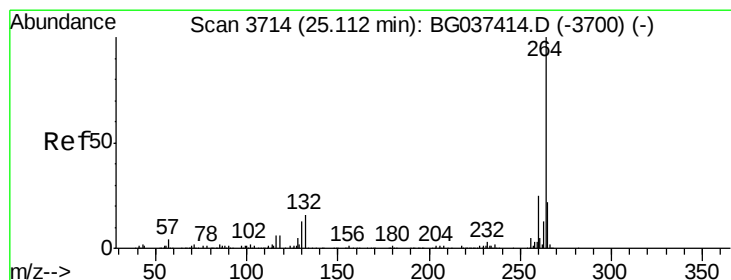
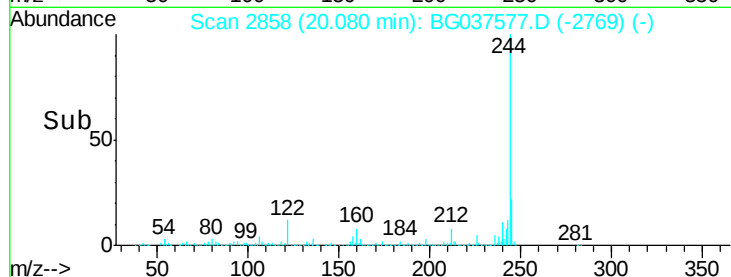
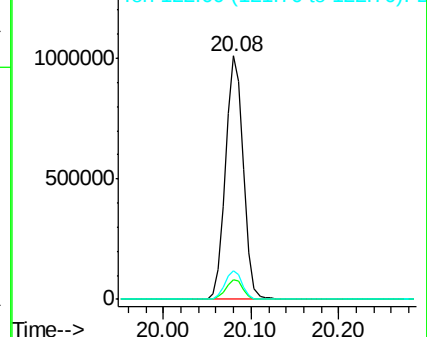
122 11.8 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037577.D

Acq: 26 Oct 2018 12:35

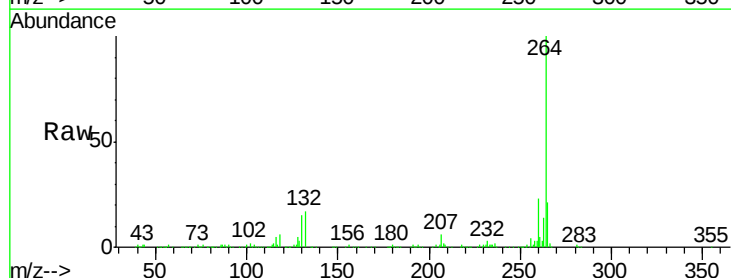
Tgt Ion:264 Resp: 409426

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

