

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037571.D
 Acq On : 26 Oct 2018 8:42
 Operator : JU/SJ
 Sample : J5655-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0002

Quant Time: Oct 26 13:36:02 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

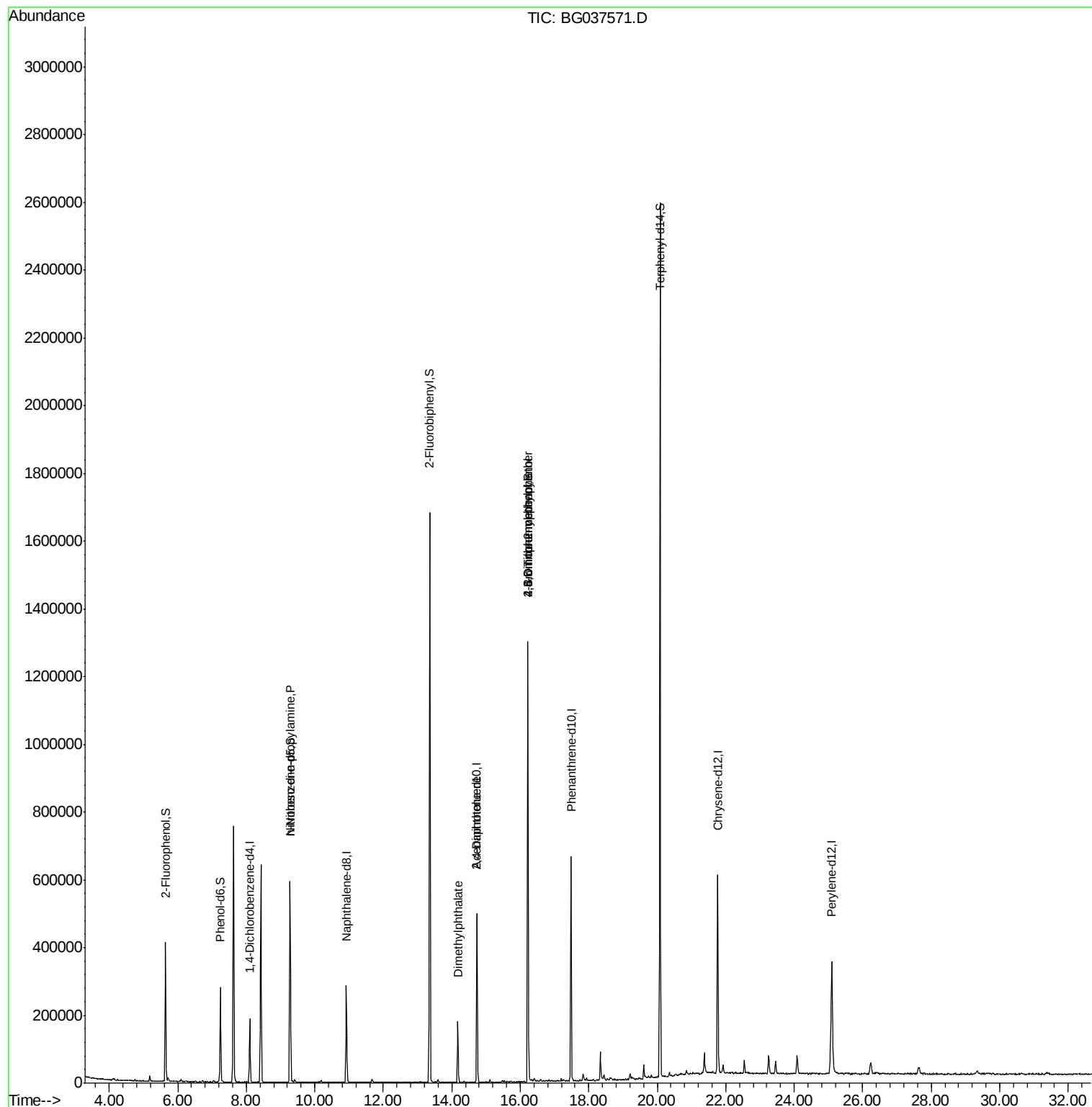
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57782	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	258903	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172905	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413427	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374037	20.00	ng	0.00
87) Perylene-d12	25.10	264	380590	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	192839	55.80	ng	0.00
7) Phenol-d6	7.24	99	177957	34.05	ng	0.00
23) Nitrobenzene-d5	9.28	82	372222	80.54	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	232437	123.25	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	903435	78.79	ng	0.00
79) Terphenyl-d14	20.08	244	1245733	71.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46836	13.014	ng	Qvalue # 73
50) Dimethylphthalate	14.18	163	129650	9.693	ng	97
57) 2,4-Dinitrotoluene	14.73	165	23777	6.121	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	712	8.778	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	17039	3.753	ng	# 1

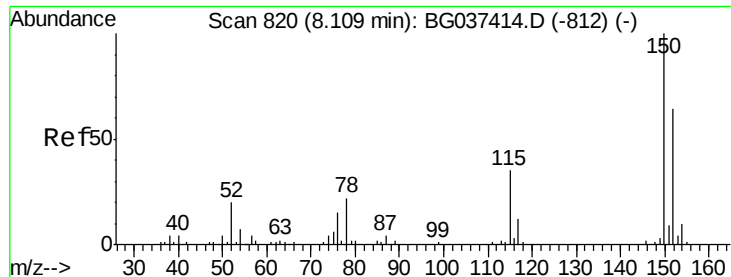
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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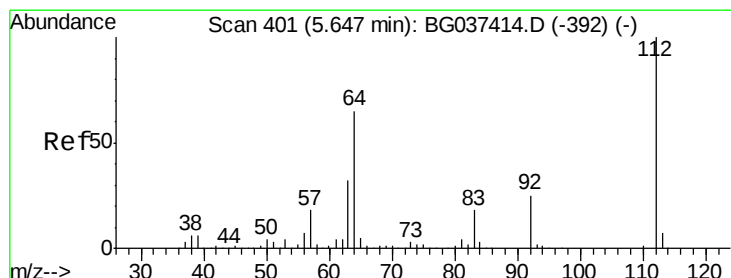
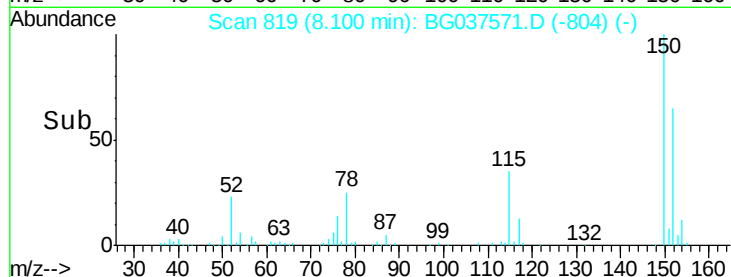
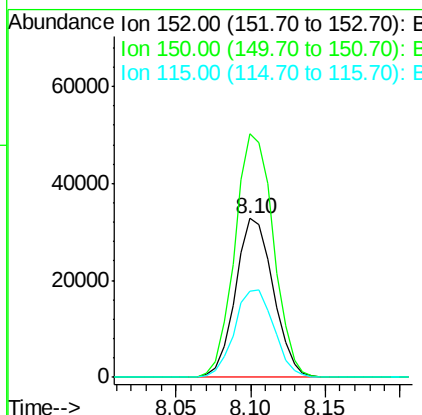
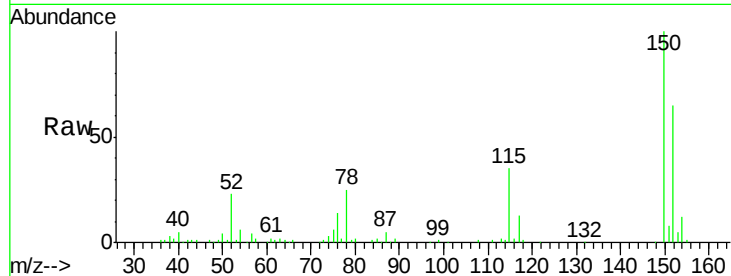




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

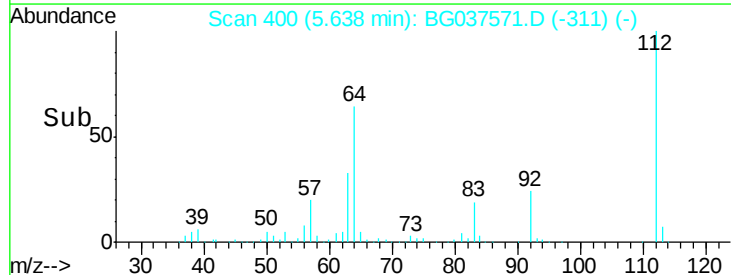
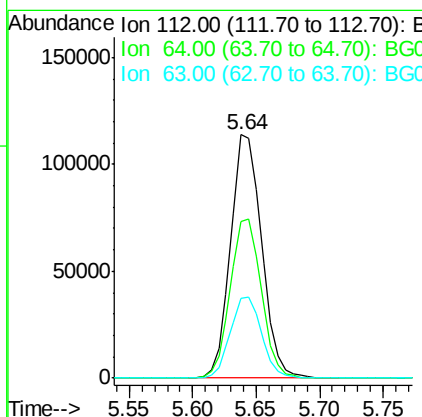
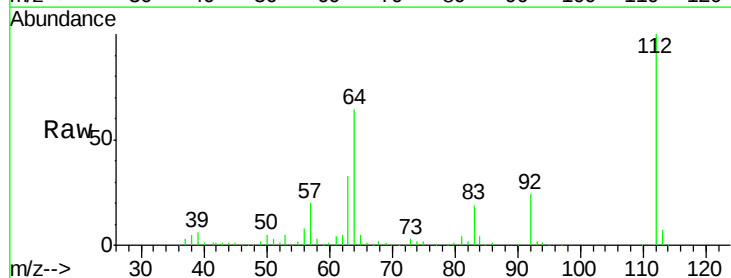
Instrument :
 BNA_G
 ClientSampleId :
 S37-0002

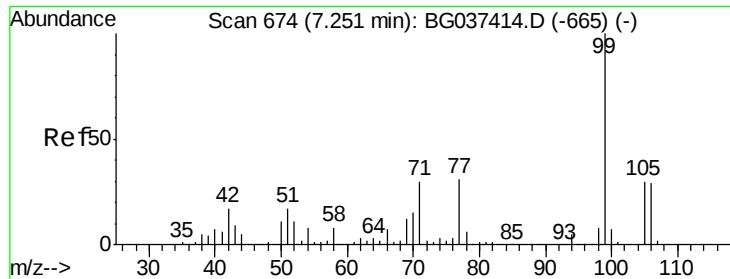
Tgt Ion:152 Resp: 57782
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.0 189.0
 115 54.3 45.5 68.3



#5
 2-Fluorophenol
 Concen: 55.796 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

Tgt Ion:112 Resp: 192839
 Ion Ratio Lower Upper
 112 100
 64 64.2 53.1 79.7
 63 32.7 27.3 40.9





#7

Phenol-d6

Concen: 34.051 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037571.D

Acq: 26 Oct 2018 8:42

Instrument :

BNA_G

ClientSampled :

S37-0002

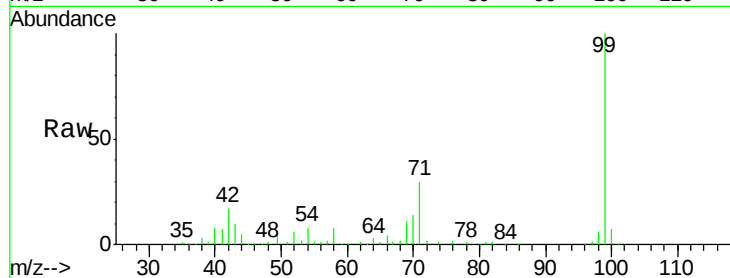
Tgt Ion: 99 Resp: 177957

Ion Ratio Lower Upper

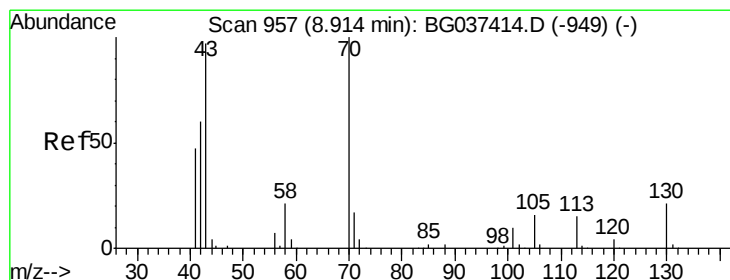
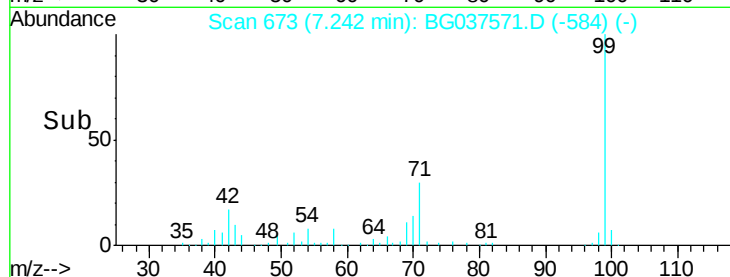
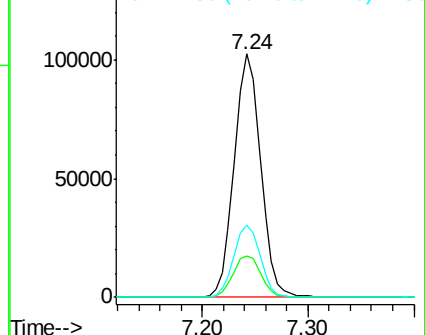
99 100

42 17.1 15.0 22.4

71 29.5 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: 13.014 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037571.D

Acq: 26 Oct 2018 8:42

Tgt Ion: 70 Resp: 46836

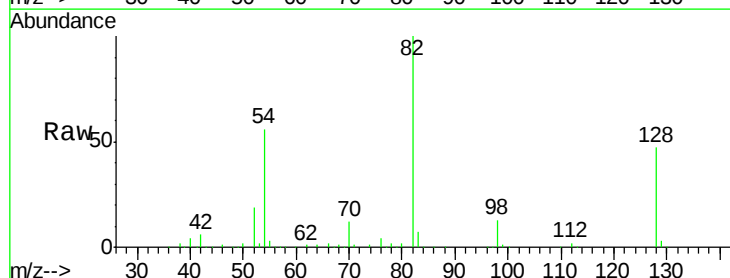
Ion Ratio Lower Upper

70 100

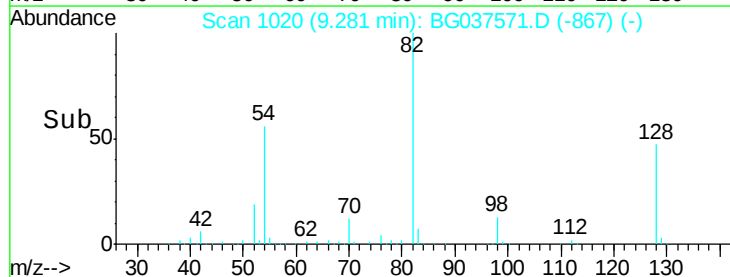
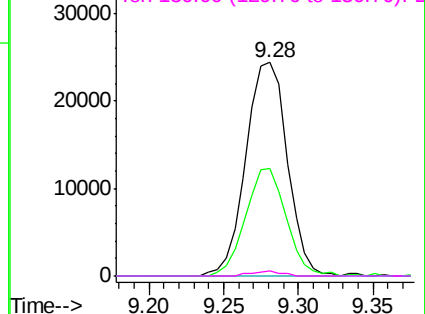
42 50.2 53.9 80.9#

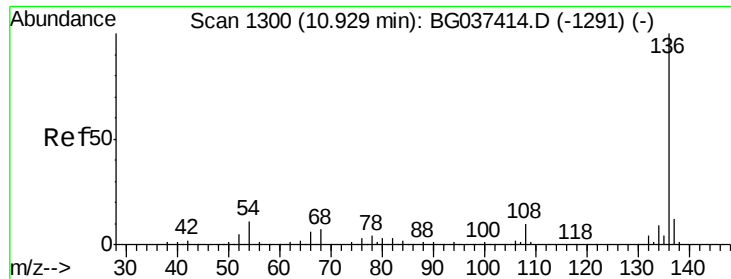
101 0.0 8.2 12.2#

130 2.2 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

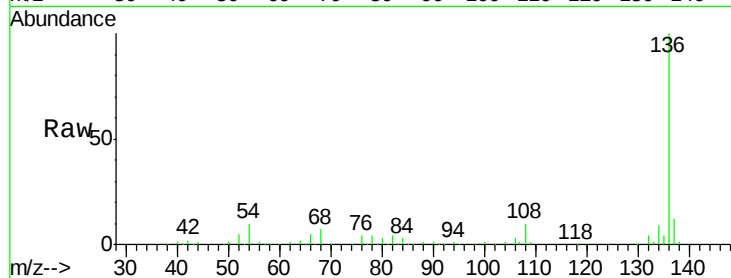




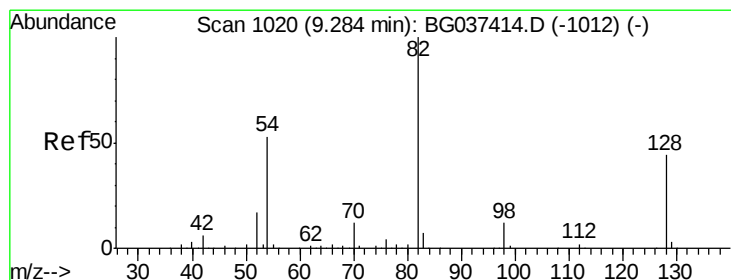
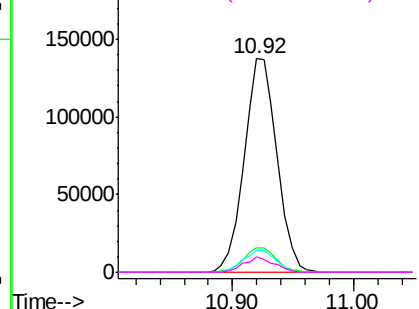
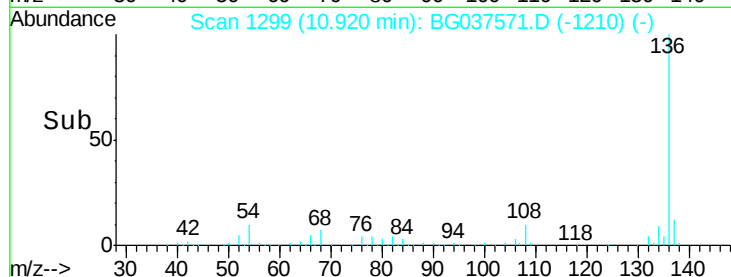
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037571.D
Acq: 26 Oct 2018 8:42

Instrument :
BNA_G
ClientSampleId :
S37-0002

Tgt Ion:	136	Resp:	258903
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	7.4	4.8	7.2#

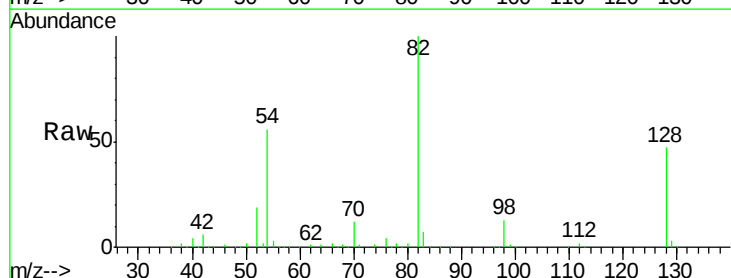


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

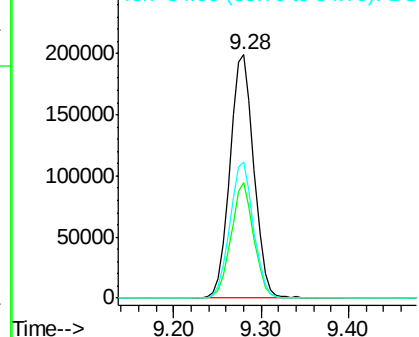
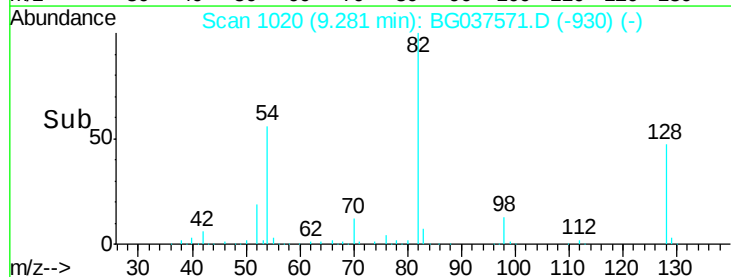


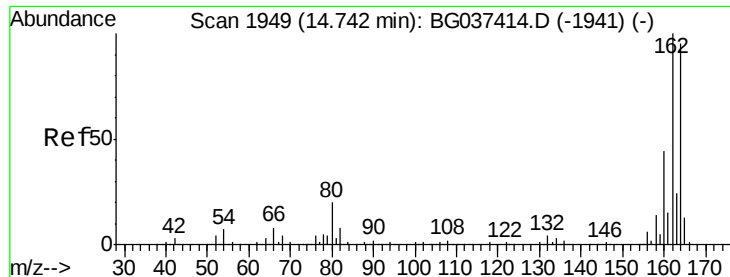
#23
Nitrobenzene-d5
Concen: 80.538 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037571.D
Acq: 26 Oct 2018 8:42

Tgt Ion:	82	Resp:	372222
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	51.8
54	56.0	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: BG037571.D

Acq: 26 Oct 2018 8:42

Instrument :

BNA_G

ClientSampleId :

S37-0002

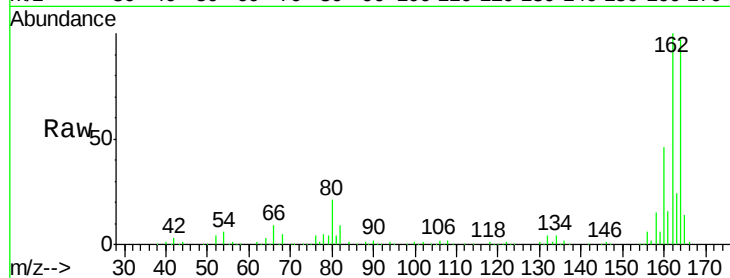
Tgt Ion:164 Resp: 172905

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

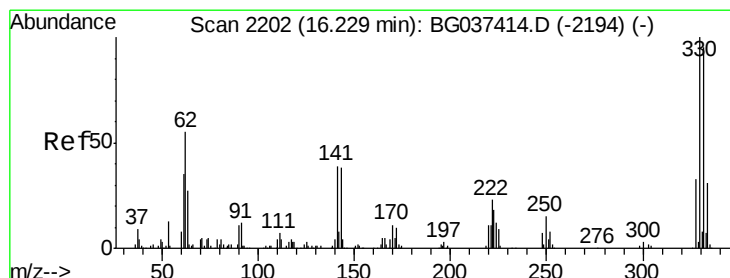
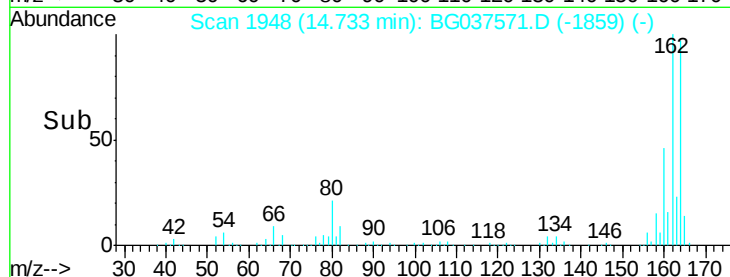
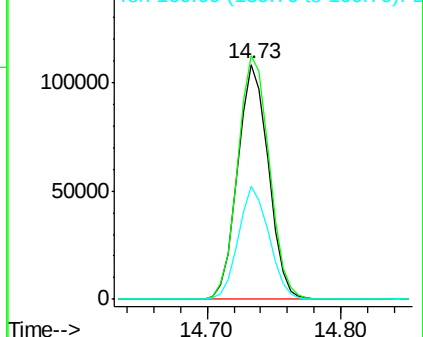
160 47.9 36.3 54.5



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: 123.253 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037571.D

Acq: 26 Oct 2018 8:42

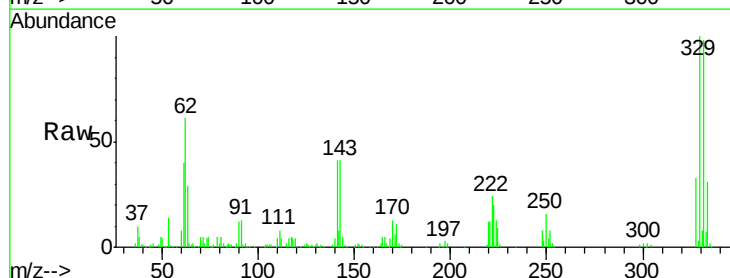
Tgt Ion:330 Resp: 232437

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

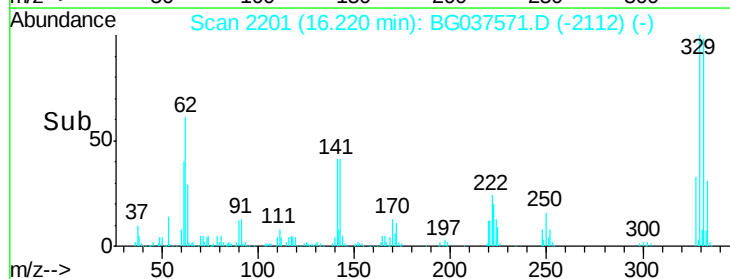
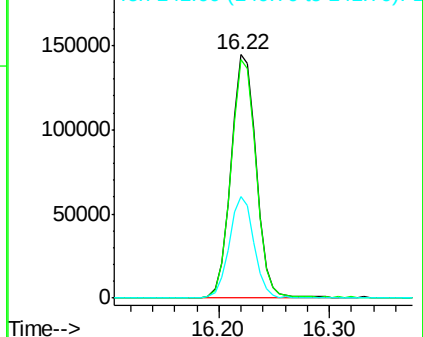
141 41.0 32.2 48.2

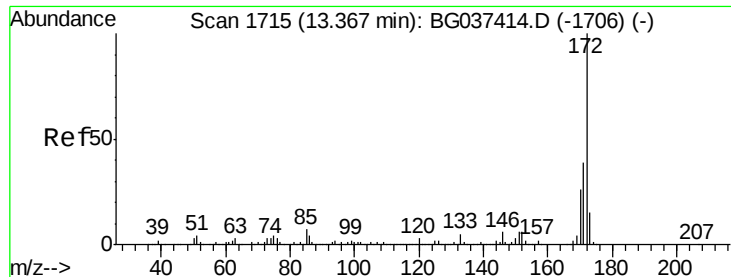


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

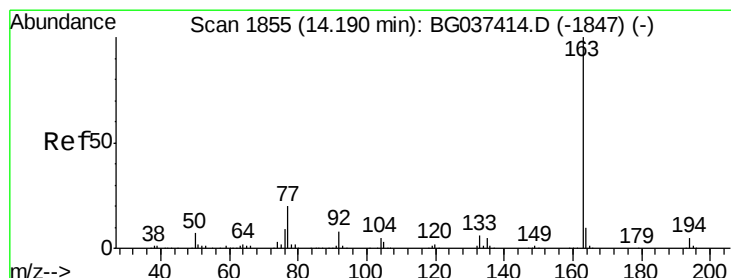
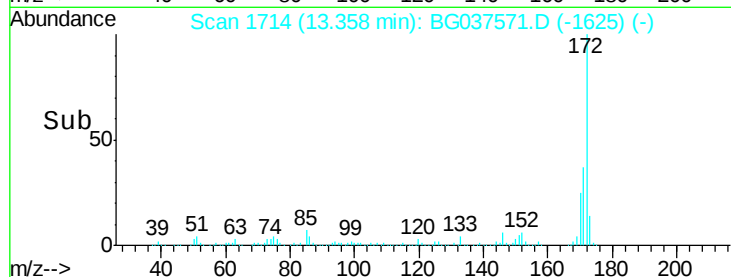
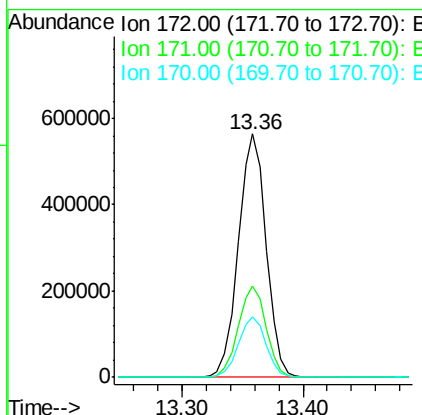
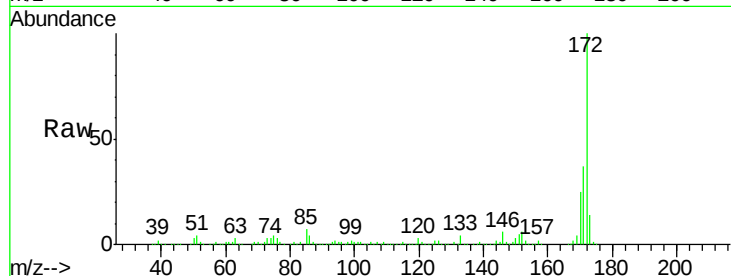




#45
 2-Fluorobiphenyl
 Concen: 78.791 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

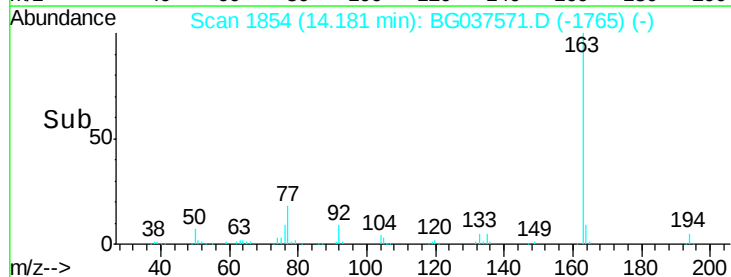
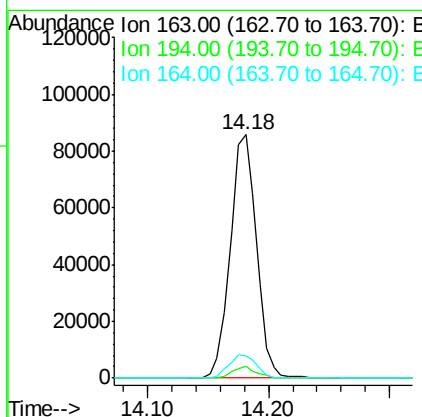
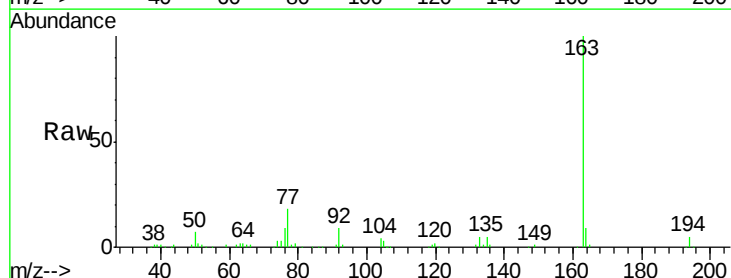
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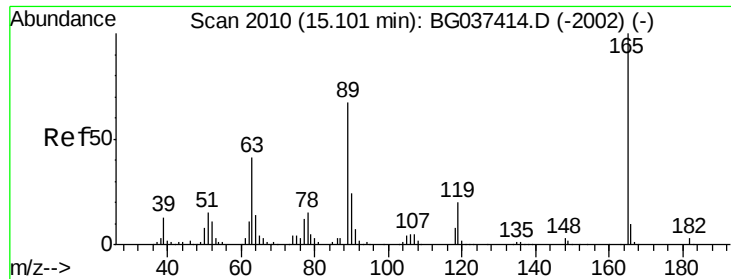
Tgt Ion:172 Resp: 903435
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 24.8 20.2 30.2



#50
 Dimethylphthalate
 Concen: 9.693 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

Tgt Ion:163 Resp: 129650
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.5 5.3
 164 9.3 8.5 12.7

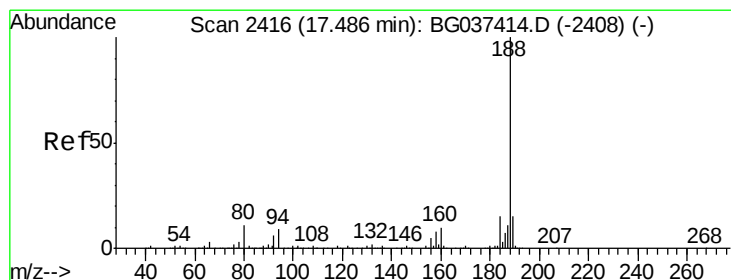
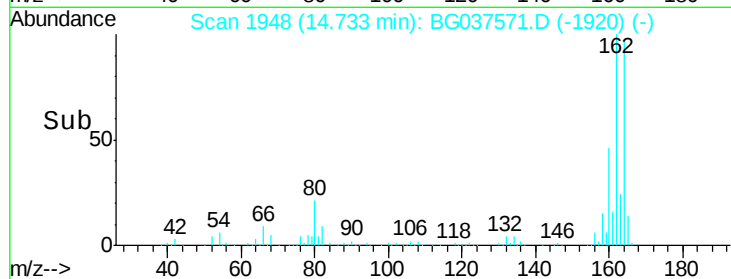
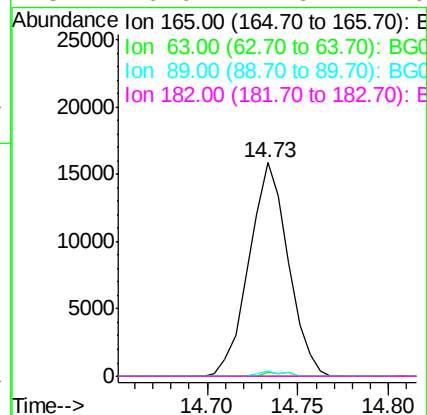
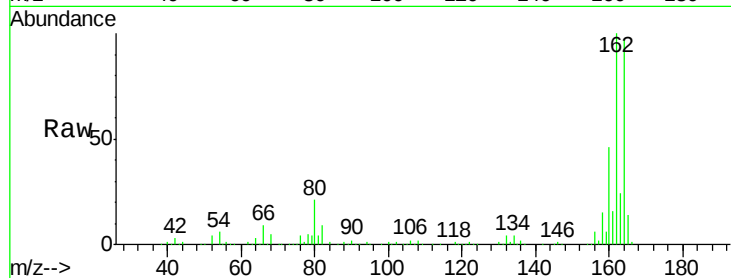




#57
 2,4-Dinitrotoluene
 Concen: 6.121 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

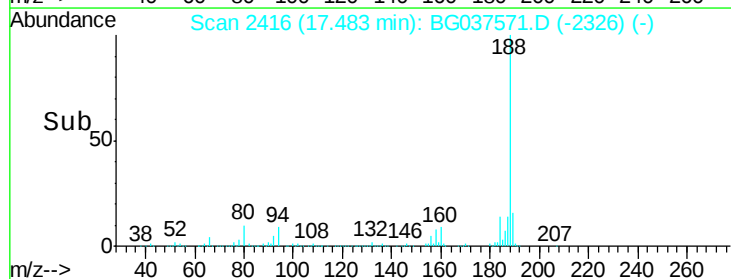
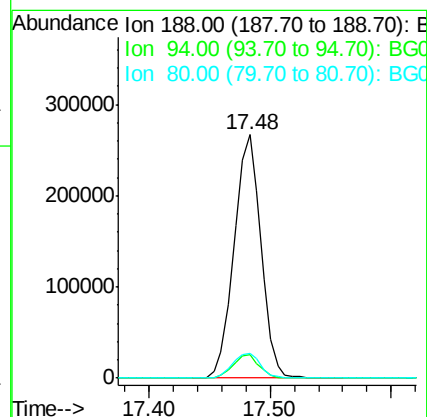
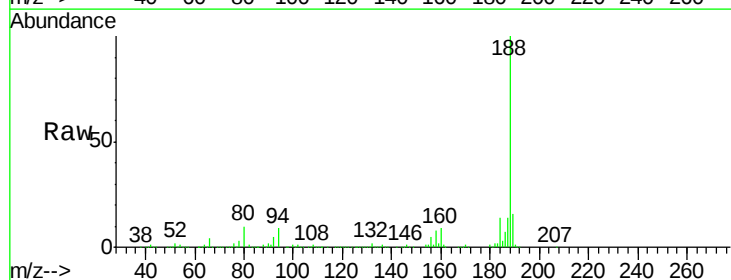
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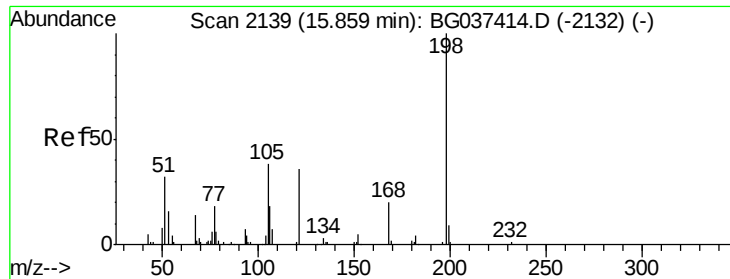
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	2.3	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.3	7.7	11.5

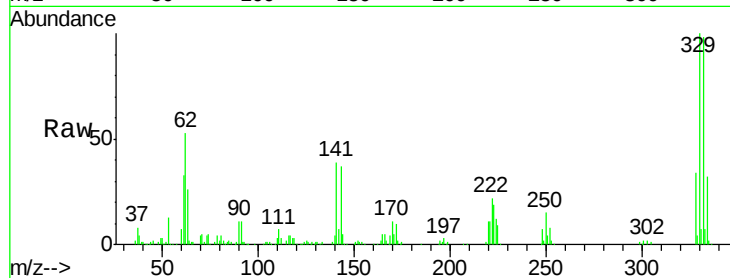




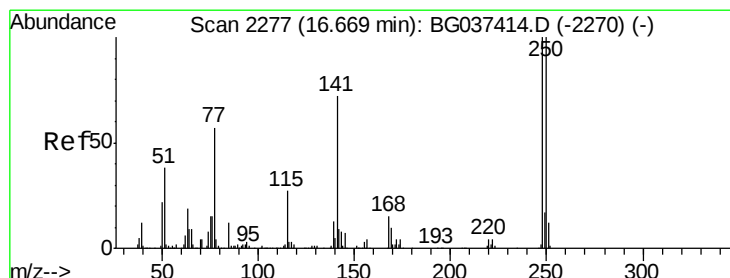
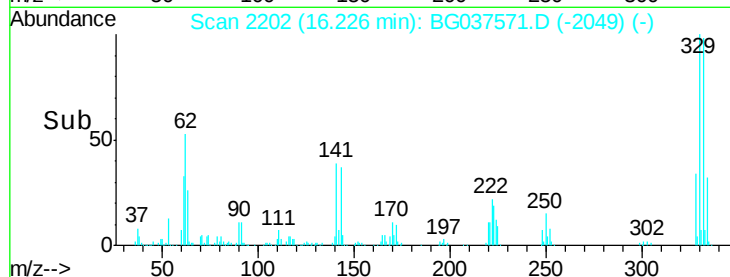
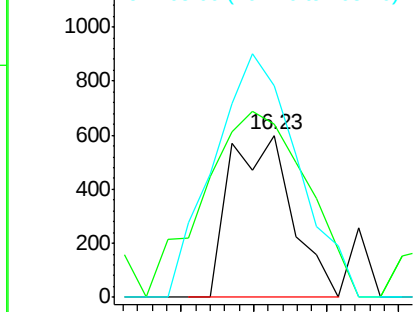
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.778 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

Instrument :
 BNA_G
 ClientSampleId :
 S37-0002

Tgt Ion:198 Resp: 712
 Ion Ratio Lower Upper
 198 100
 51 26.0 22.7 62.7
 105 31.8 19.7 59.7

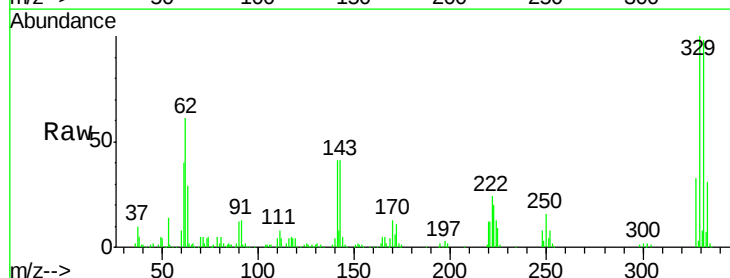


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

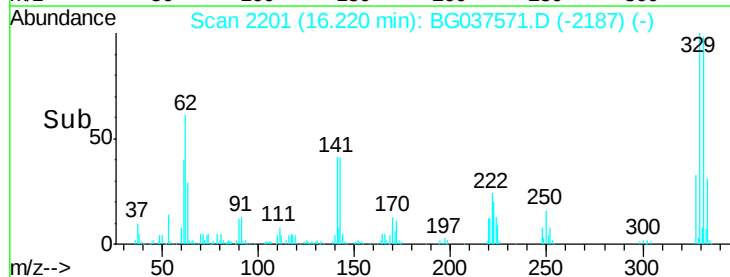
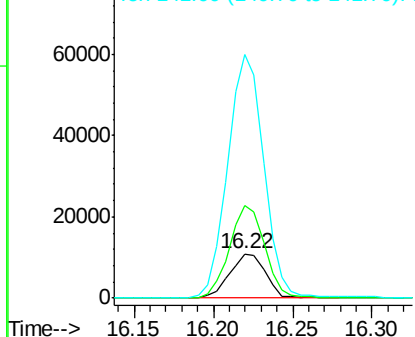


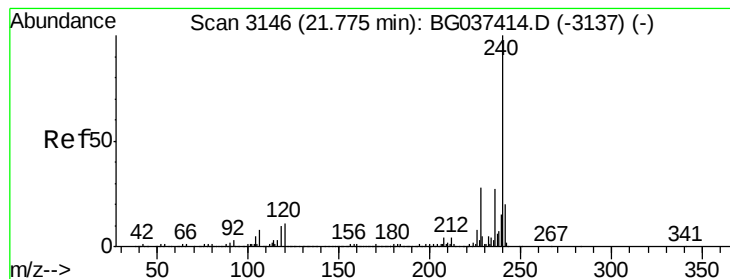
#67
 4-Bromophenyl-phenylether
 Concen: 3.753 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037571.D
 Acq: 26 Oct 2018 8:42

Tgt Ion:248 Resp: 17039
 Ion Ratio Lower Upper
 248 100
 250 199.8 77.0 115.6#
 141 408.8 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: BG037571.D

Acq: 26 Oct 2018 8:42

Instrument :

BNA_G

ClientSampled :

S37-0002

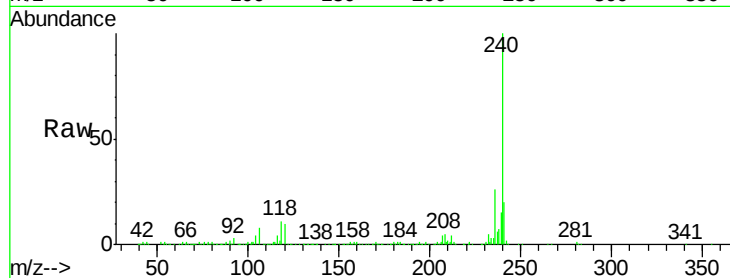
Tgt Ion:240 Resp: 374037

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

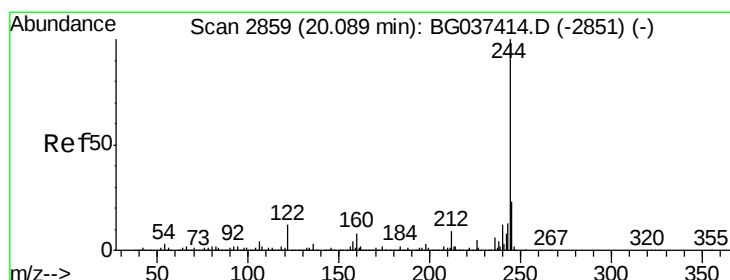
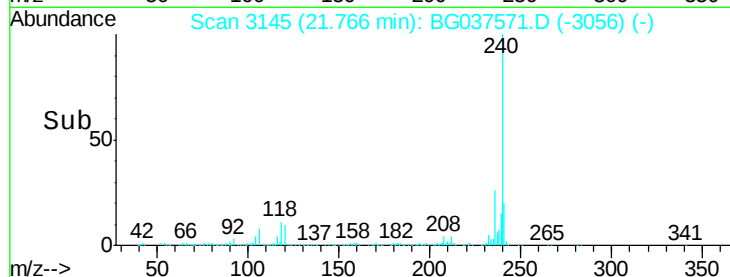
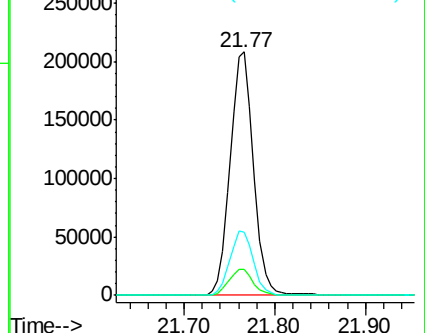
236 25.7 21.4 32.0



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: 71.165 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037571.D

Acq: 26 Oct 2018 8:42

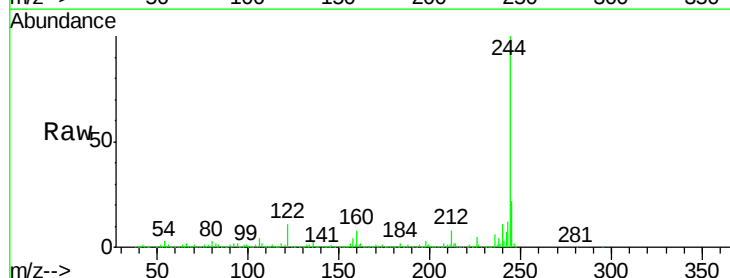
Tgt Ion:244 Resp: 1245733

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

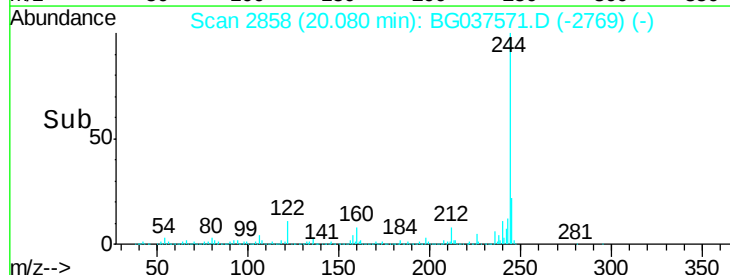
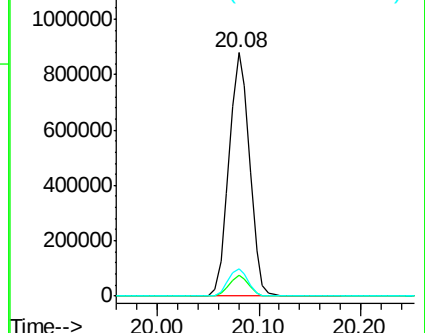
122 11.3 9.0 13.4

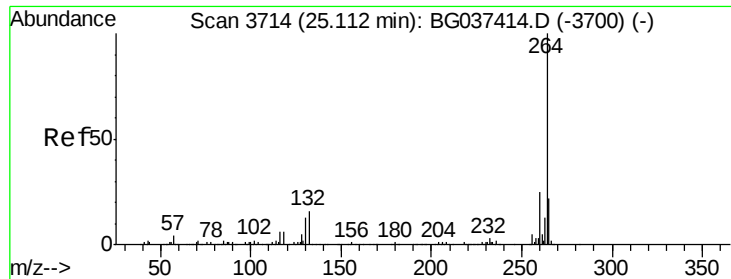


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037571.D
Acq: 26 Oct 2018 8:42

Instrument :
BNA_G
ClientSampleId :
S37-0002

Tgt Ion: 264 Resp: 380590
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.5 17.9 26.9

