

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037573.D
 Acq On : 26 Oct 2018 10:00
 Operator : JU/SJ
 Sample : J5655-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0005

Quant Time: Oct 26 13:36:24 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

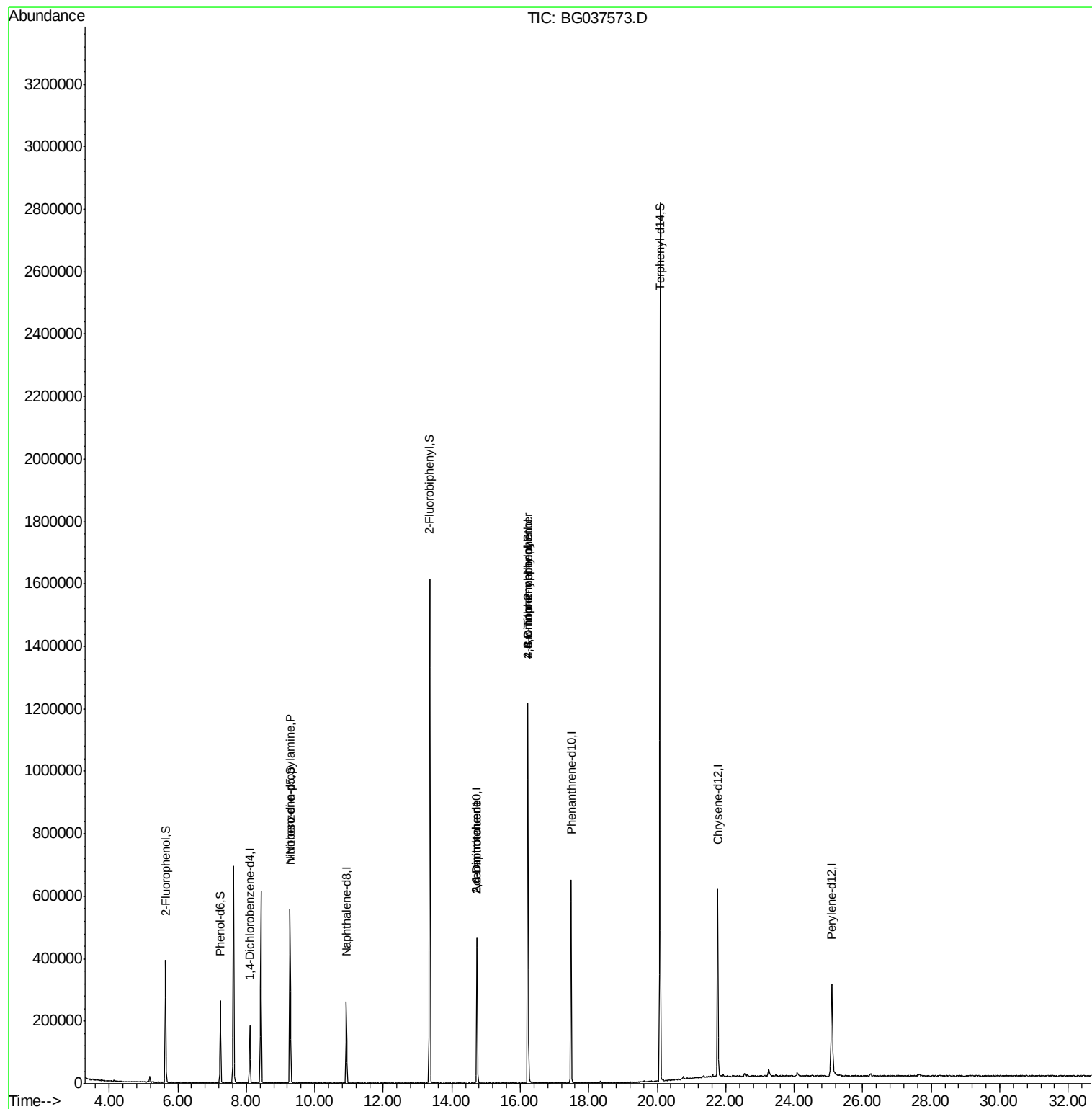
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53915	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	242228	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165329	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	405264	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369352	20.00	ng	0.00
87) Perylene-d12	25.10	264	361332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	185070	57.39	ng	0.00
7) Phenol-d6	7.24	99	165698	33.98	ng	0.00
23) Nitrobenzene-d5	9.28	82	352712	81.57	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	220592	122.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	852529	77.76	ng	0.00
79) Terphenyl-d14	20.08	244	1367300	79.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	44610	13.285	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	21853	7.723	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21853	5.884	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	873	8.845	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	15891	3.571	ng	# 1

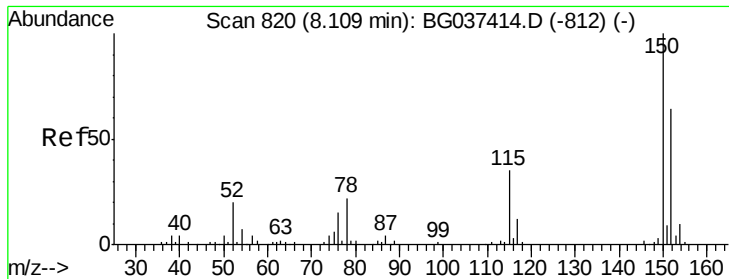
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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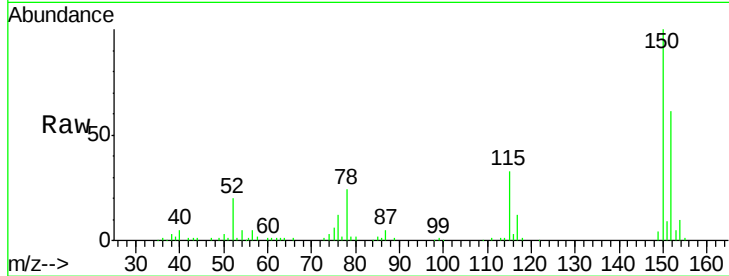


#1

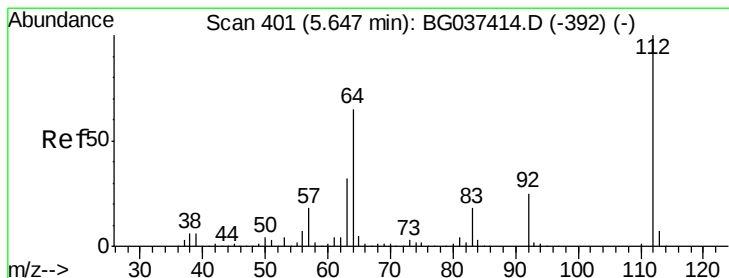
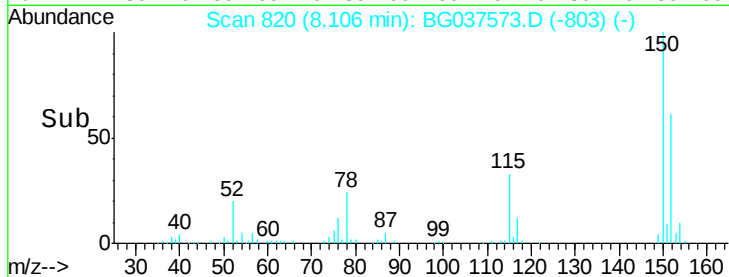
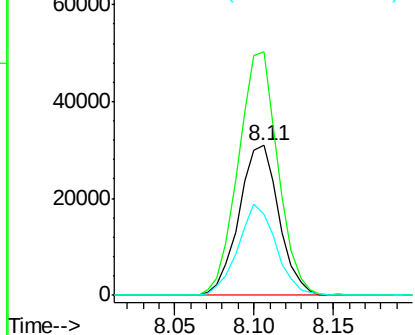
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Instrument :
BNA_G
ClientSampleId :
S37-0005

Tgt Ion:152 Resp: 53915
Ion Ratio Lower Upper
152 100
150 162.7 126.0 189.0
115 54.0 45.5 68.3



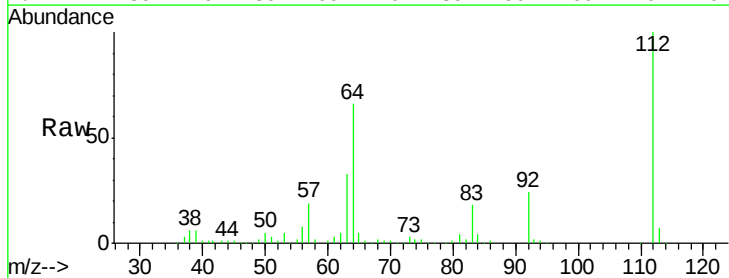
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



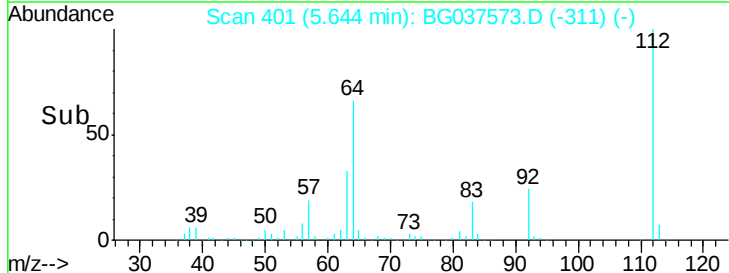
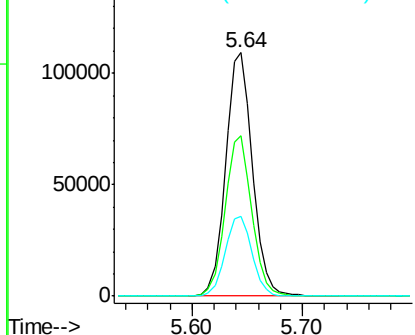
#5

2-Fluorophenol
Concen: 57.388 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Tgt Ion:112 Resp: 185070
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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.980 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037573.D

Acq: 26 Oct 2018 10:00

Instrument :

BNA_G

ClientSampleId :

S37-0005

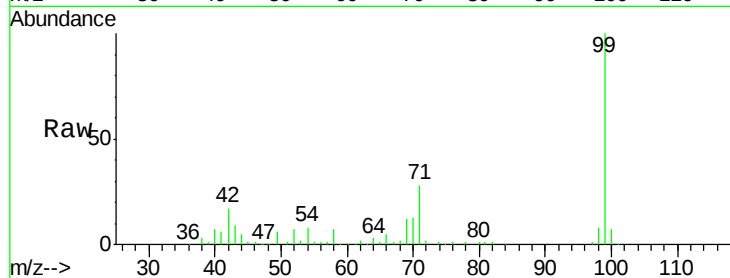
Tgt Ion: 99 Resp: 165698

Ion Ratio Lower Upper

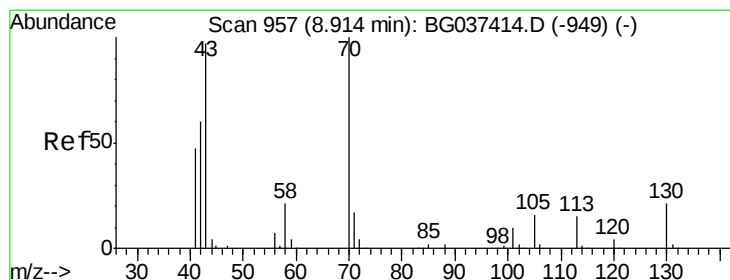
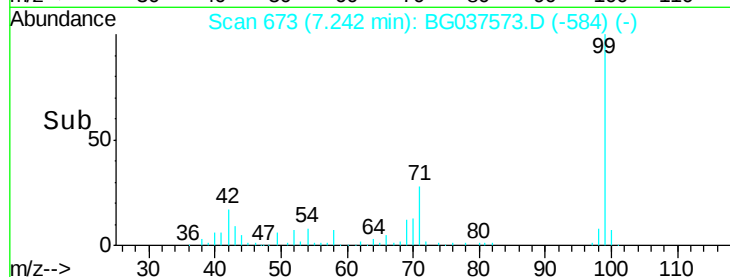
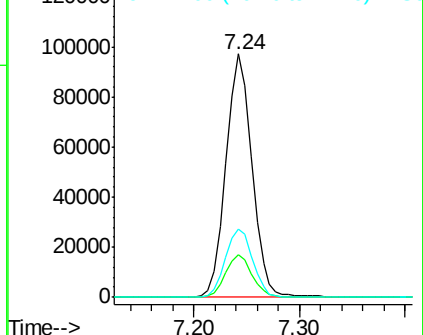
99 100

42 17.4 15.0 22.4

71 27.9 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: 13.285 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037573.D

Acq: 26 Oct 2018 10:00

Tgt Ion: 70 Resp: 44610

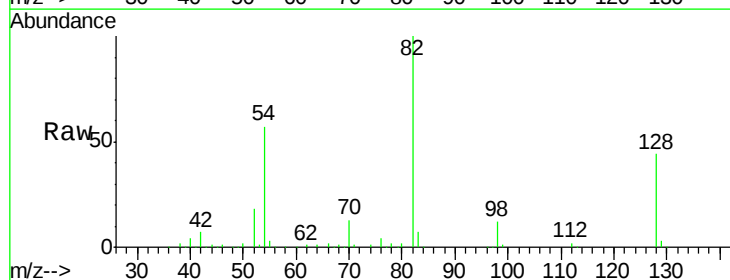
Ion Ratio Lower Upper

70 100

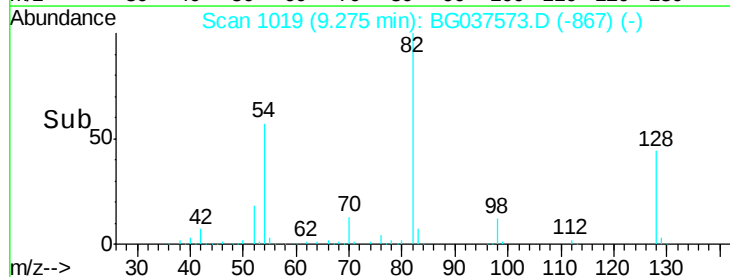
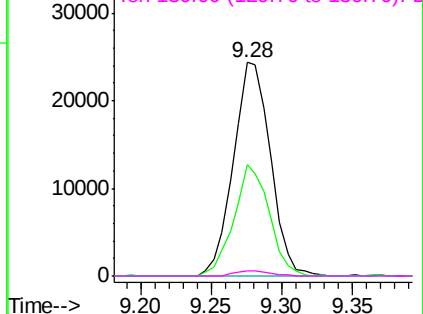
42 52.2 53.9 80.9#

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

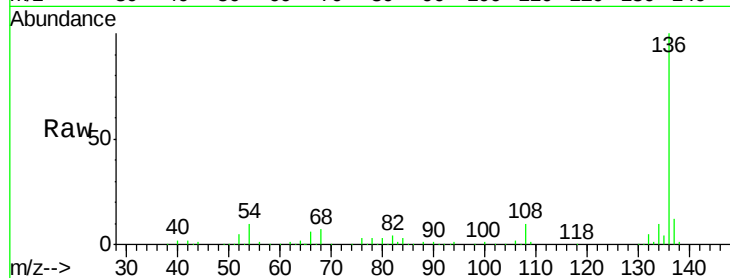




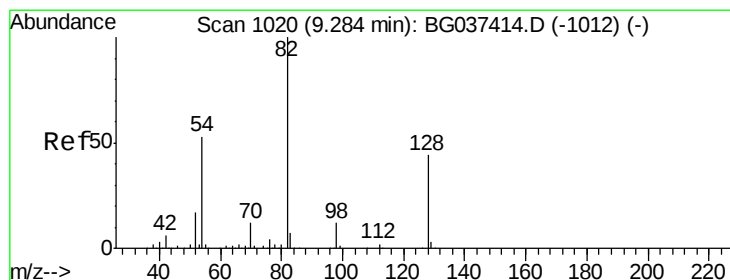
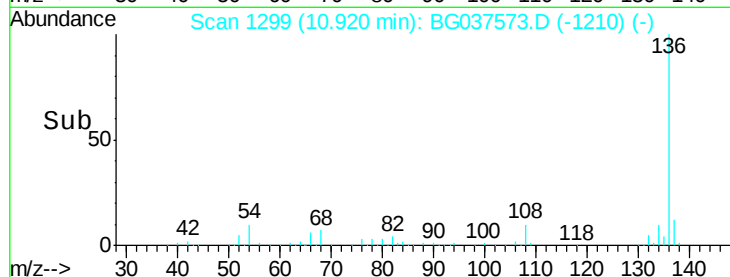
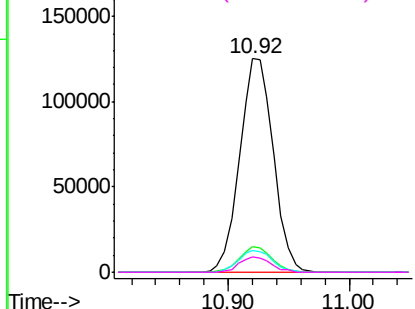
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Instrument :
BNA_G
ClientSampleId :
S37-0005

Tgt Ion:	136	Resp:	242228
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.5	7.9	11.9
68	7.3	4.8	7.2#

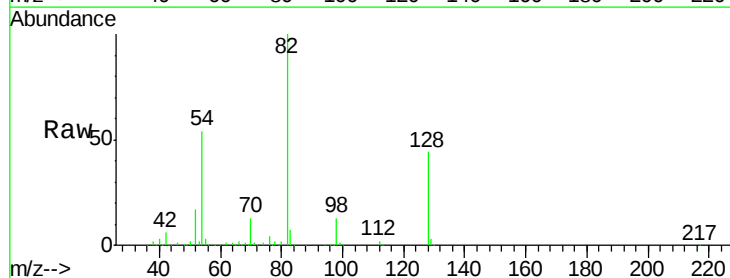


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

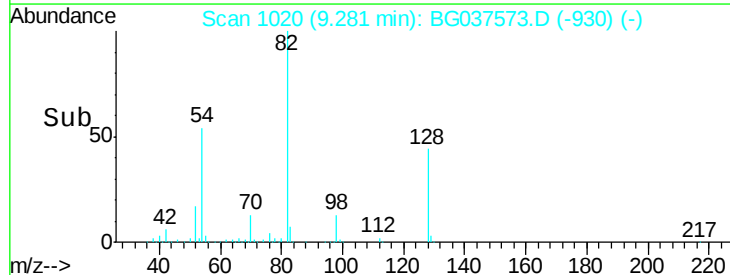
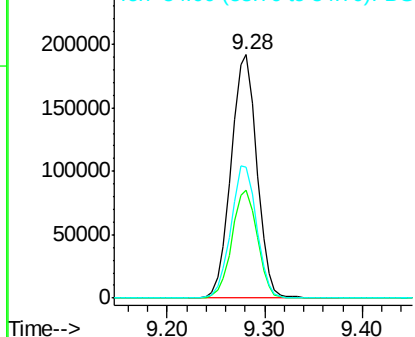


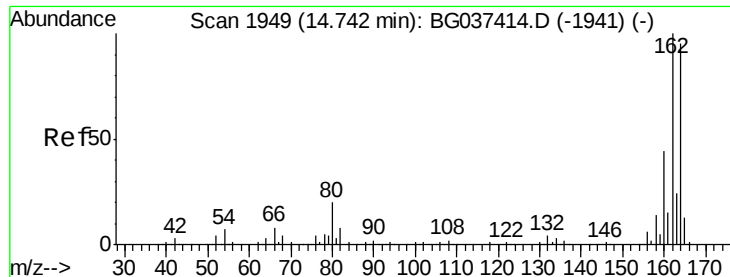
#23
Nitrobenzene-d5
Concen: 81.570 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Tgt Ion:	82	Resp:	352712
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.6	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: BG037573.D

Acq: 26 Oct 2018 10:00

Instrument :

BNA_G

ClientSampleId :

S37-0005

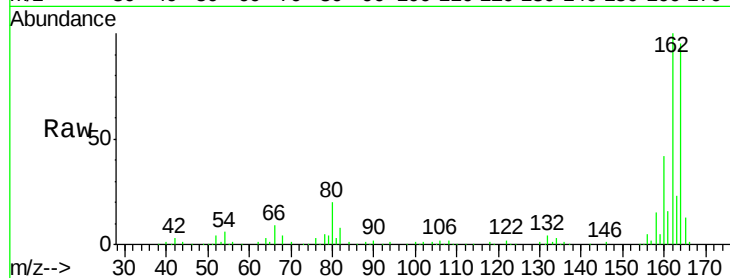
Tgt Ion:164 Resp: 165329

Ion Ratio Lower Upper

164 100

162 105.7 81.3 121.9

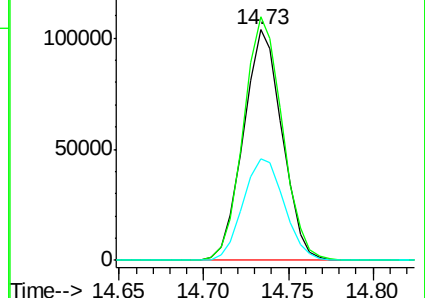
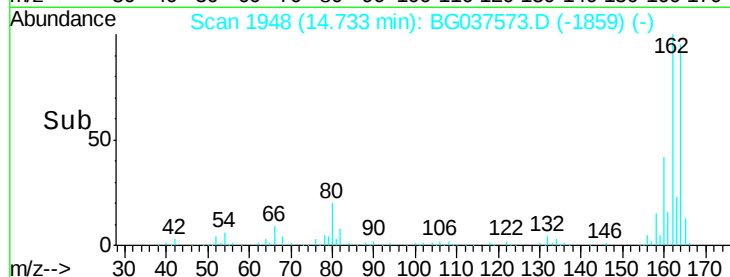
160 44.1 36.3 54.5



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: 122.332 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037573.D

Acq: 26 Oct 2018 10:00

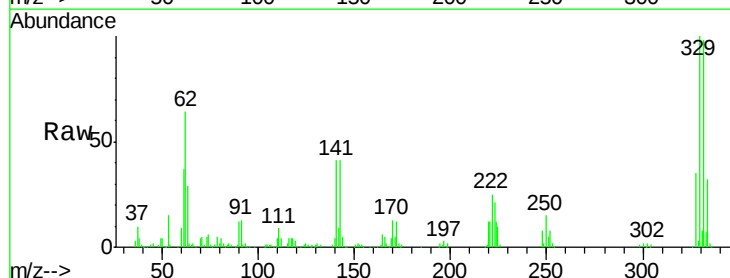
Tgt Ion:330 Resp: 220592

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

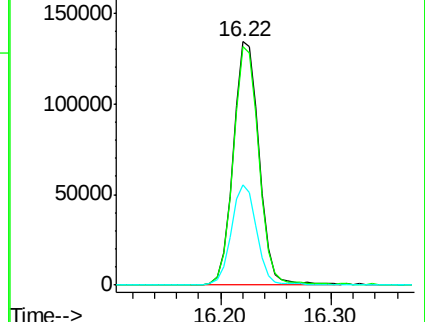
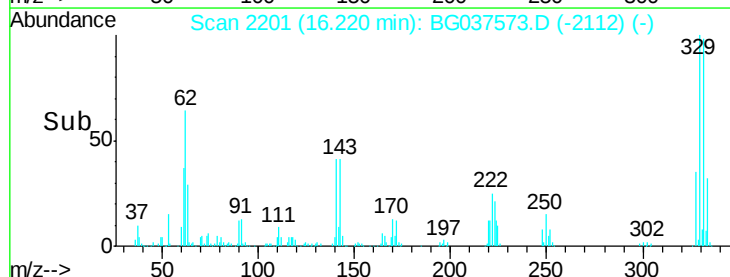
141 40.4 32.2 48.2

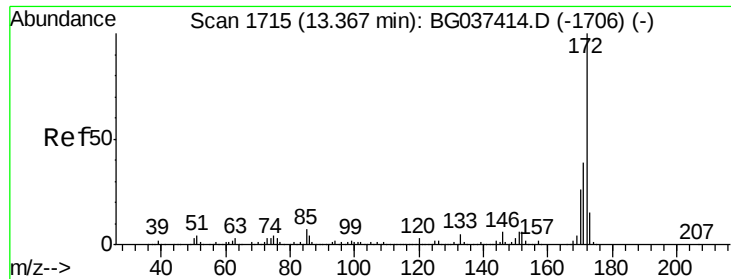


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

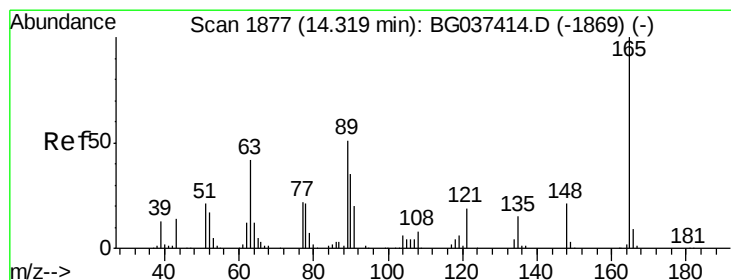
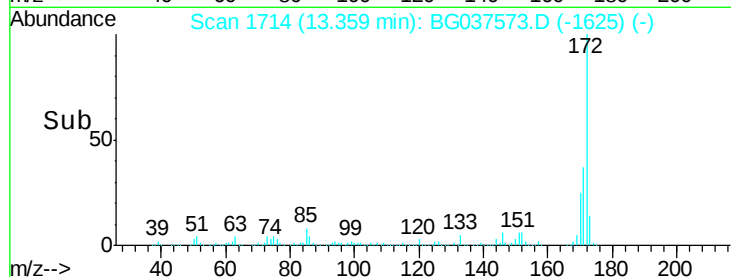
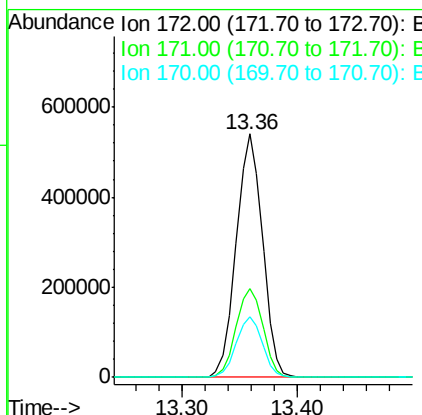
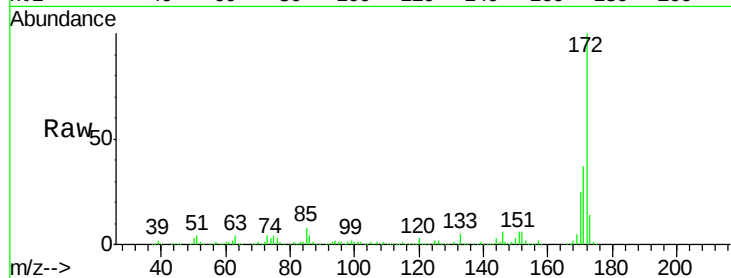




#45
 2-Fluorobiphenyl
 Concen: 77.758 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

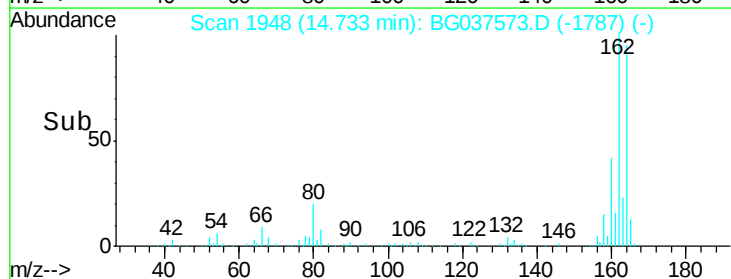
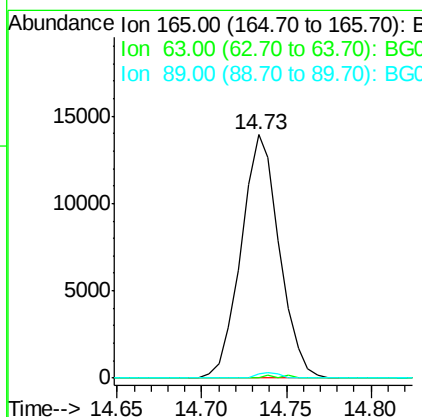
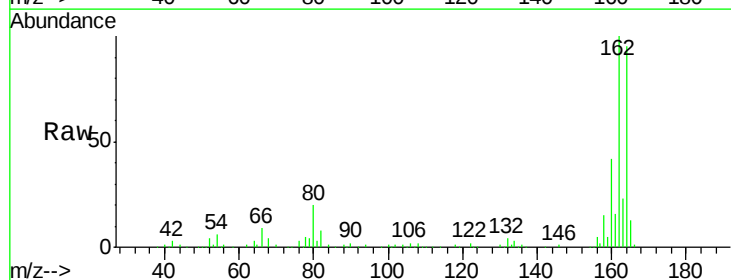
Instrument :
 BNA_G
 ClientSampleId :
 S37-0005

Tgt Ion:172 Resp: 852529
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 24.7 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.723 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

Tgt Ion:165 Resp: 21853
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.8 45.8 68.6#

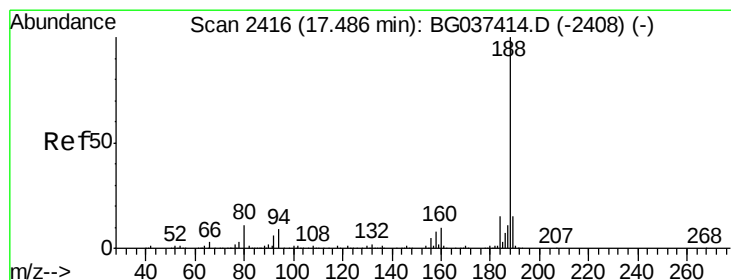
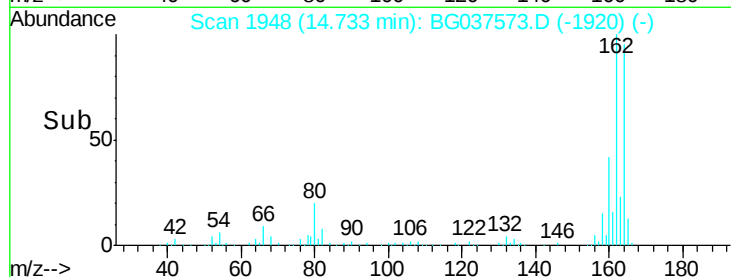
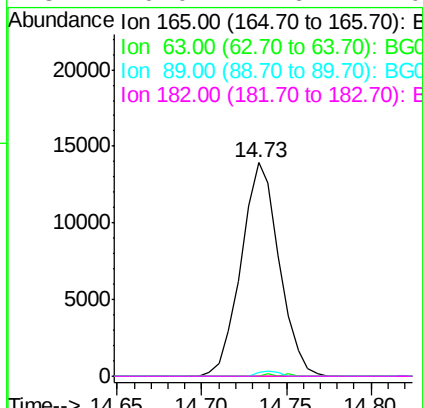
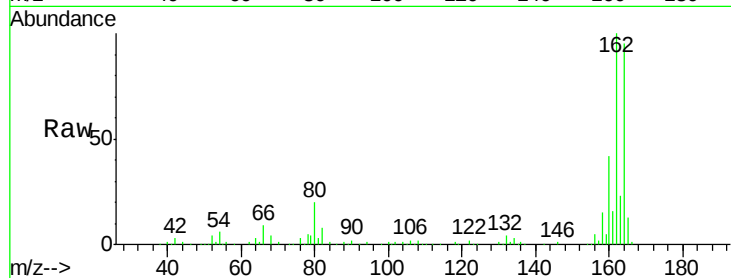




#57
 2,4-Dinitrotoluene
 Concen: 5.884 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

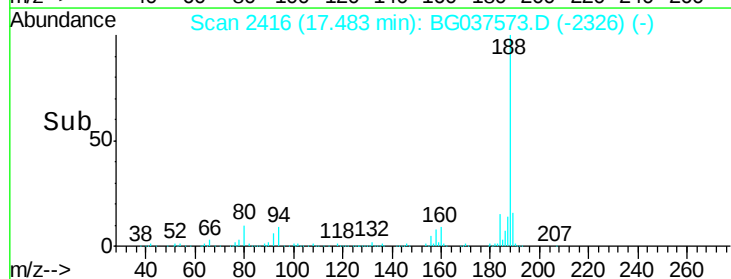
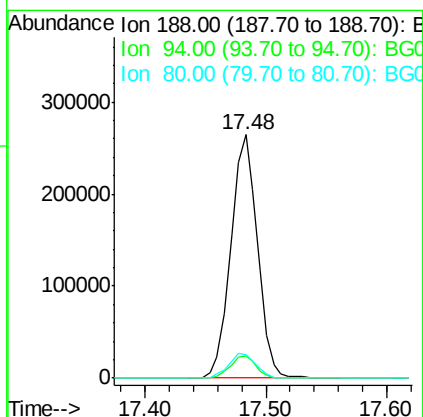
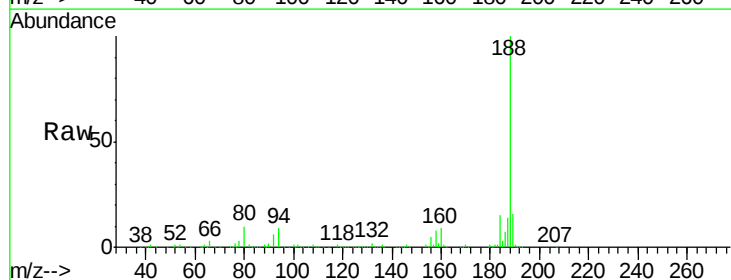
Instrument :
 BNA_G
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 S37-0005

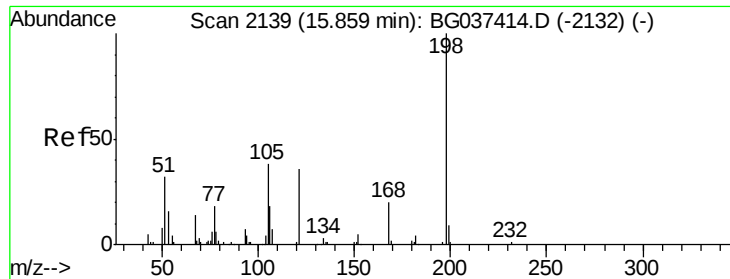
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.8	7.7	11.5

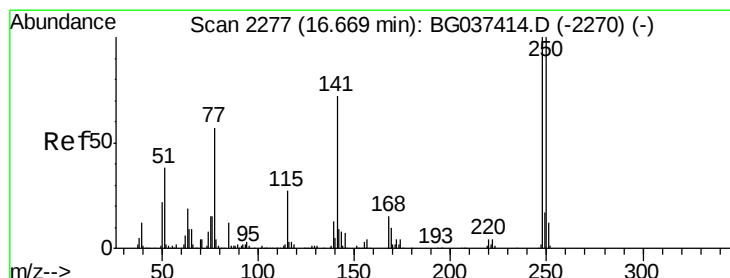
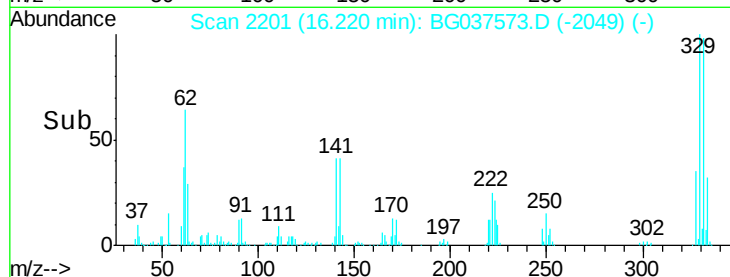
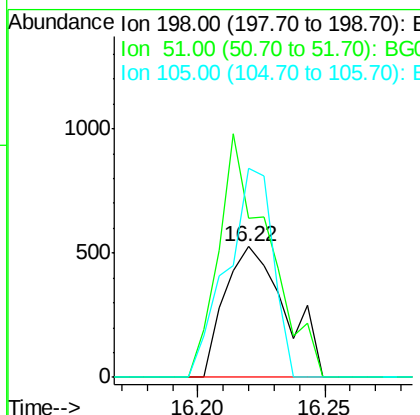
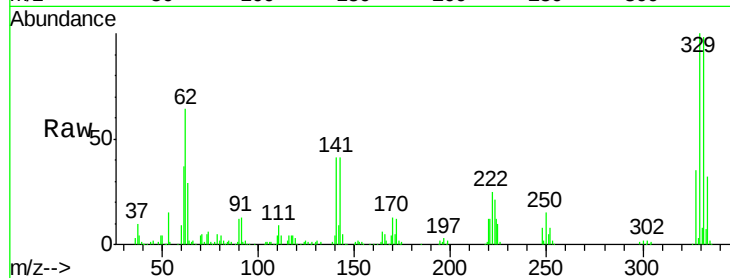




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.845 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

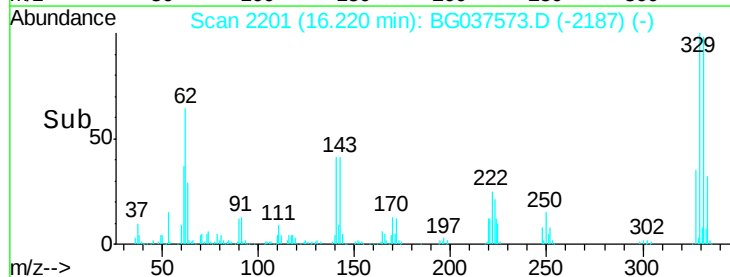
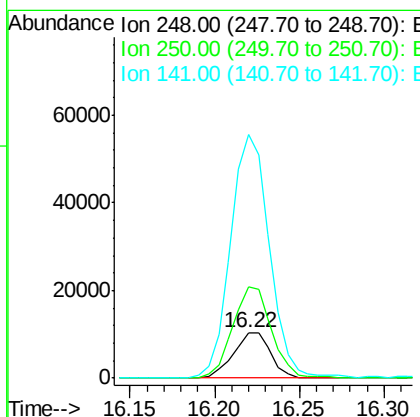
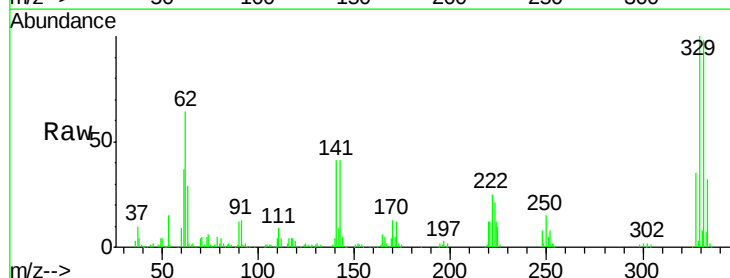
Instrument :
 BNA_G
 ClientSampleId :
 S37-0005

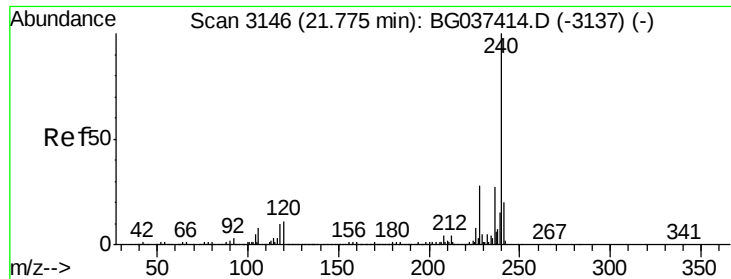
Tgt Ion:198 Resp: 873
 Ion Ratio Lower Upper
 198 100
 51 21.8 22.7 62.7#
 105 28.7 19.7 59.7



#67
 4-Bromophenyl-phenylether
 Concen: 3.571 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037573.D
 Acq: 26 Oct 2018 10:00

Tgt Ion:248 Resp: 15891
 Ion Ratio Lower Upper
 248 100
 250 199.3 77.0 115.6#
 141 406.3 55.5 83.3#

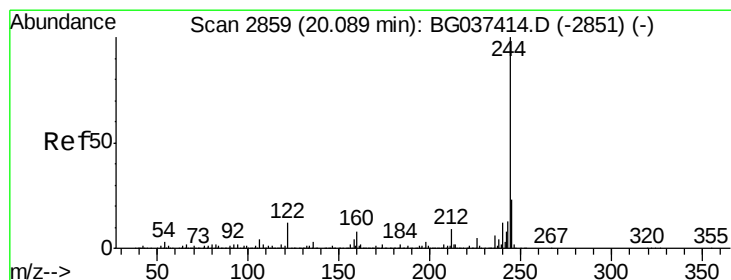
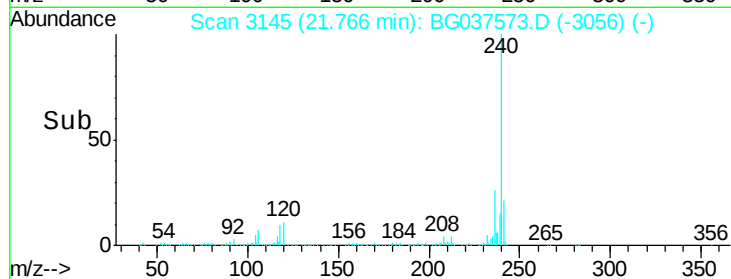
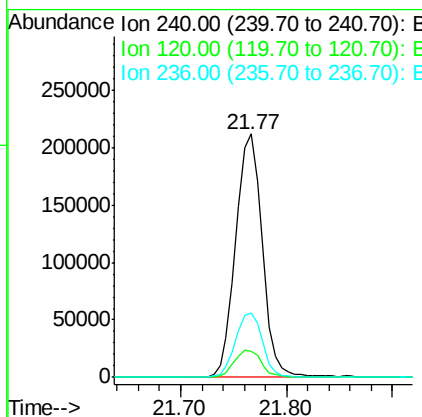
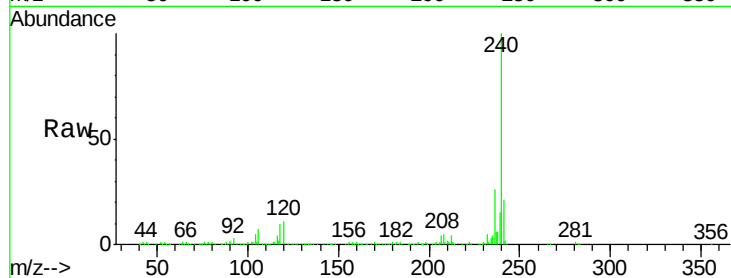




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

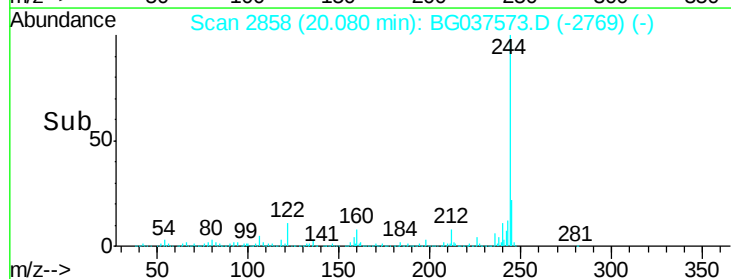
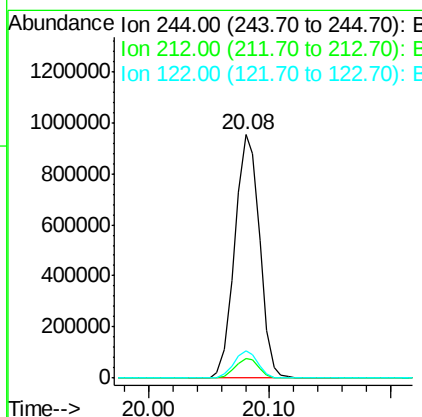
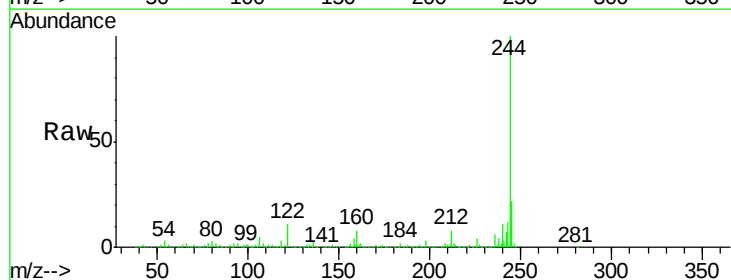
Instrument :
BNA_G
ClientSampled :
S37-0005

Tgt Ion:240 Resp: 369352
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.5 21.4 32.0



#79
Terphenyl-d14
Concen: 79.101 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Tgt Ion:244 Resp: 1367300
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037573.D
Acq: 26 Oct 2018 10:00

Instrument :
BNA_G
ClientSampleId :
S37-0005

Tgt Ion: 264 Resp: 361332
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 19.7 17.9 26.9

