

Data File : BG037950.D
Acq On : 12 Nov 2018 18:45
Operator : JU/SJ
Sample : J5901-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-S

Quant Time: Nov 13 04:25:02 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

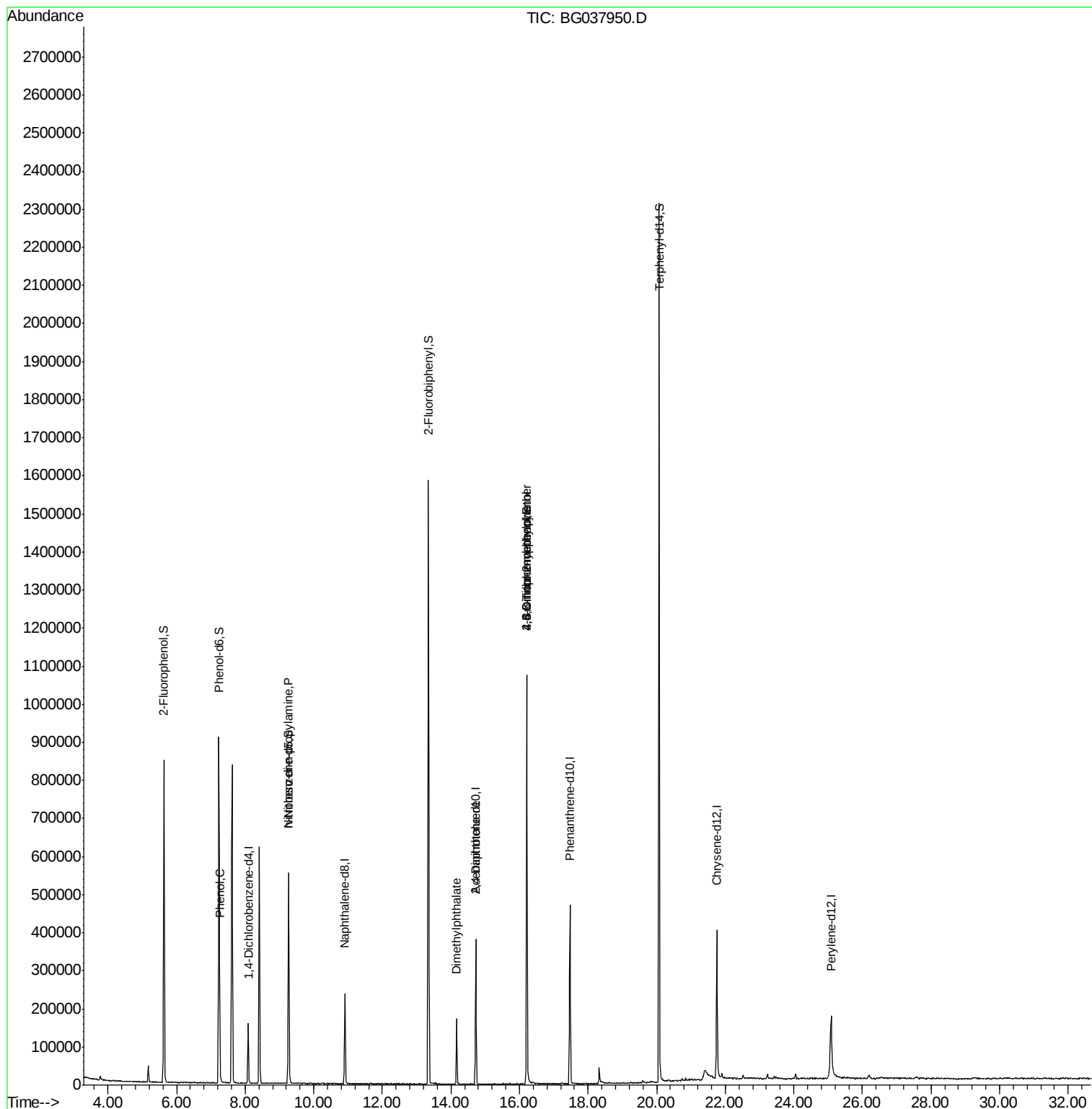
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47349	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	213940	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	140026	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	312249	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	273483	20.00	ng	-0.02
87) Perylene-d12	25.09	264	239078	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	387837	136.94	ng	-0.01
7) Phenol-d6	7.24	99	585644	136.75	ng	-0.01
23) Nitrobenzene-d5	9.27	82	355301	93.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	205465	134.53	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	858018	92.40	ng	-0.02
79) Terphenyl-d14	20.07	244	1182355	92.38	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	33340	7.379	ng	90
19) n-Nitroso-di-n-propylamine	9.27	70	45158	15.313	ng	# 68
50) Dimethylphthalate	14.17	163	125851	11.618	ng	99
57) 2,4-Dinitrotoluene	14.72	165	18528	5.890	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	512	8.765	ng	# 68
67) 4-Bromophenyl-phenylether	16.21	248	14725	4.294	ng	# 1

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

Data File : BG037950.D
Acq On : 12 Nov 2018 18:45
Operator : JU/SJ
Sample : J5901-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-S

Quant Time: Nov 13 04:25:02 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



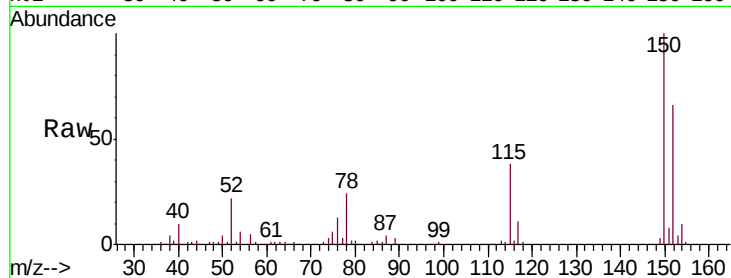


#1

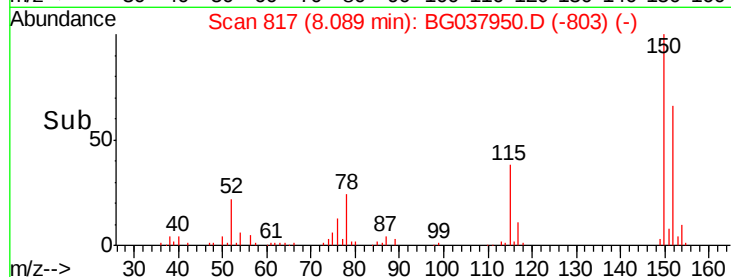
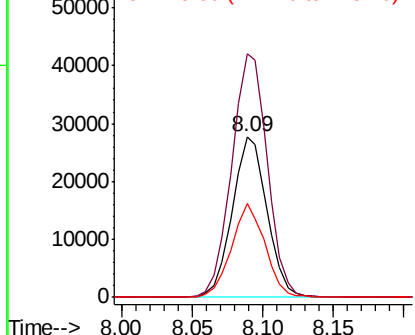
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

Instrument :
BNA_G
ClientSampled :
S-S

Tgt Ion:152 Resp: 47349
Ion Ratio Lower Upper
152 100
150 151.5 126.0 189.0
115 58.3 45.5 68.3



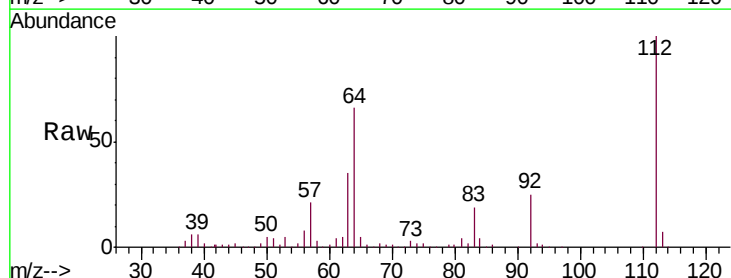
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



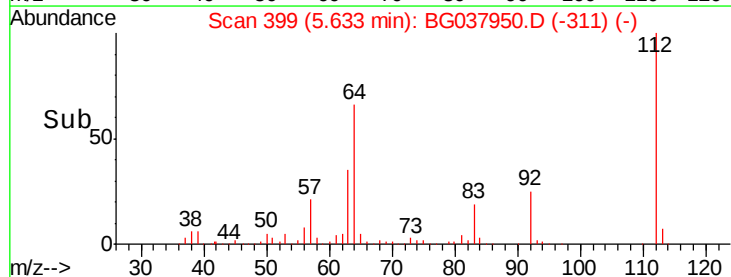
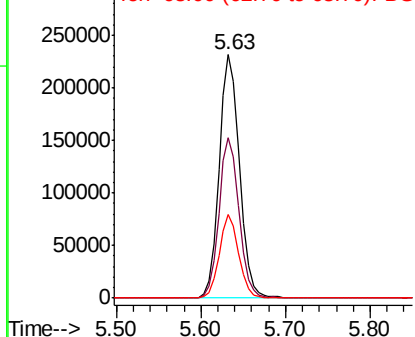
#5

2-Fluorophenol
Concen: 136.942 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

Tgt Ion:112 Resp: 387837
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 34.6 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: 136.752 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA_G

ClientSampleId :

S-S

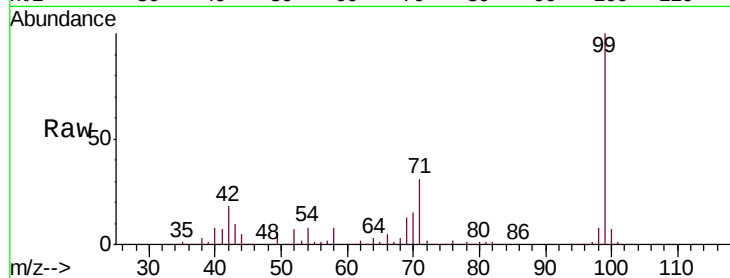
Tgt Ion: 99 Resp: 585644

Ion Ratio Lower Upper

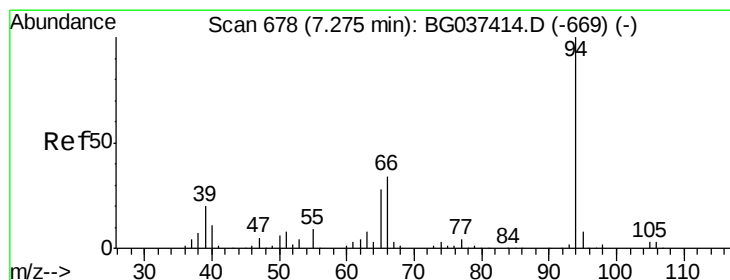
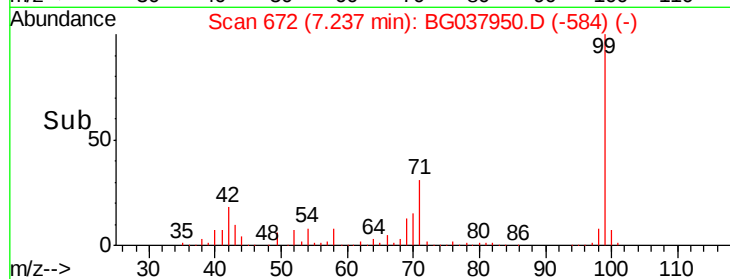
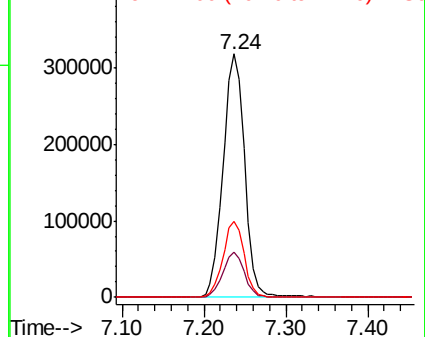
99 100

42 18.3 15.0 22.4

71 31.1 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



#10

Phenol

Concen: 7.379 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

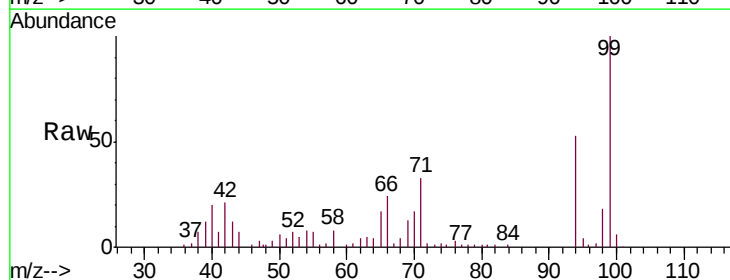
Tgt Ion: 94 Resp: 33340

Ion Ratio Lower Upper

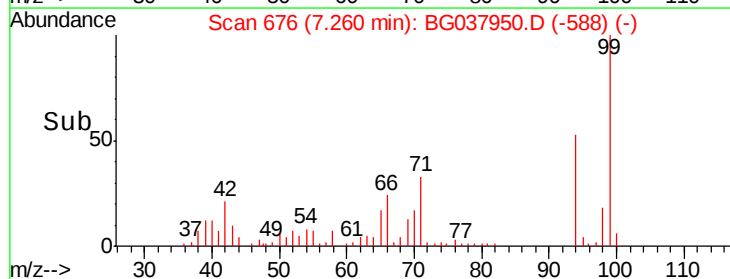
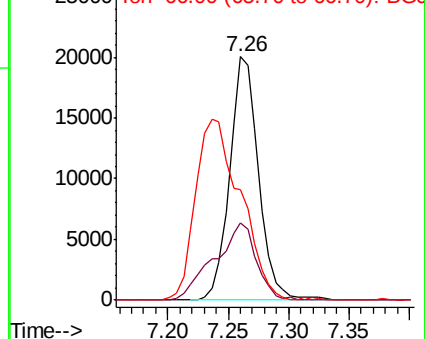
94 100

65 31.6 9.7 49.7

66 45.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

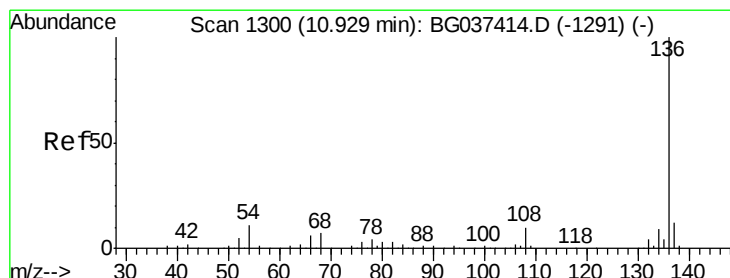
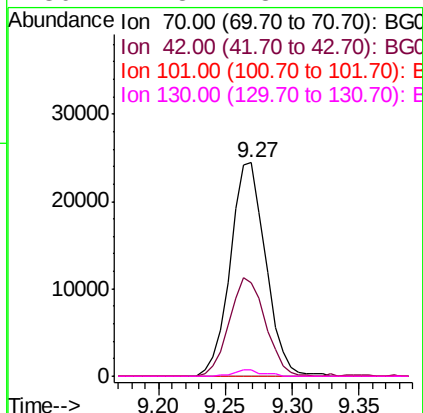
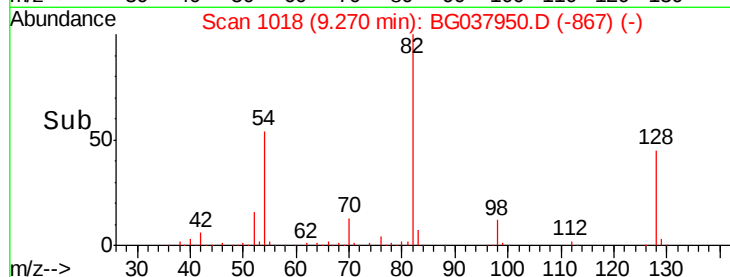
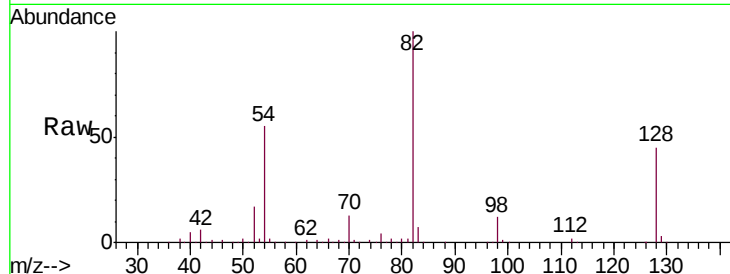




#19
n-Nitroso-di-n-propylamine
Concen: 15.313 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

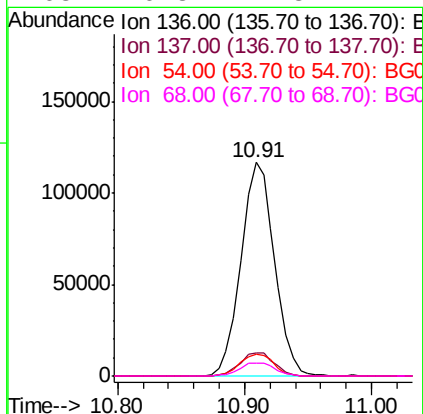
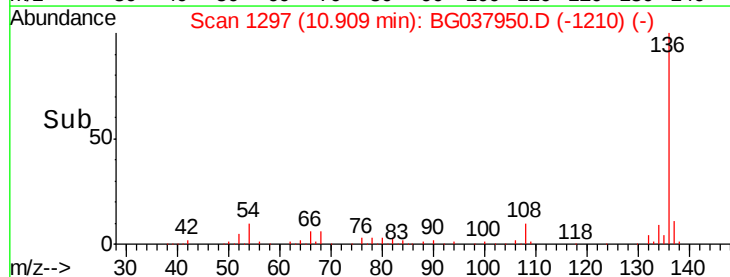
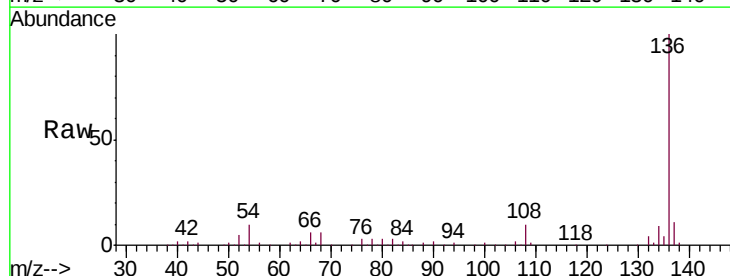
Instrument :
BNA_G
ClientSampleId :
S-S

Tgt Ion: 70 Resp: 45158
Ion Ratio Lower Upper
70 100
42 43.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

Tgt Ion: 136 Resp: 213940
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 10.1 7.9 11.9
68 6.3 4.8 7.2

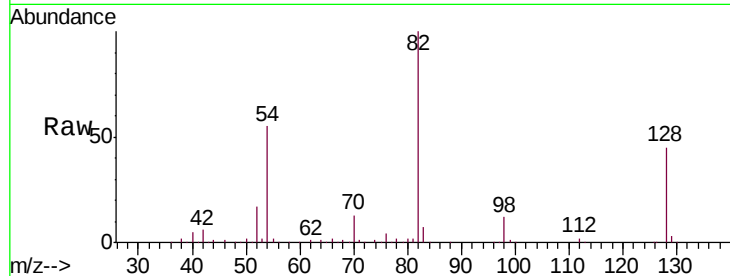




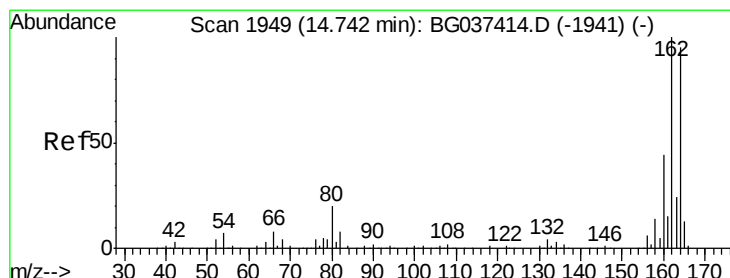
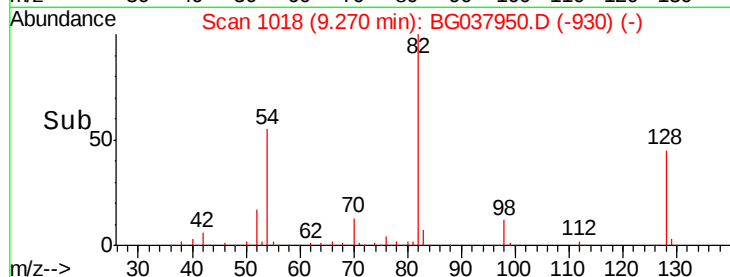
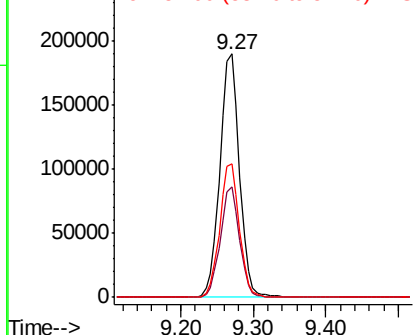
#23
Nitrobenzene-d5
Concen: 93.034 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

Instrument :
BNA_G
ClientSampled :
S-S

Tgt Ion: 82 Resp: 355301
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 54.7 45.3 67.9

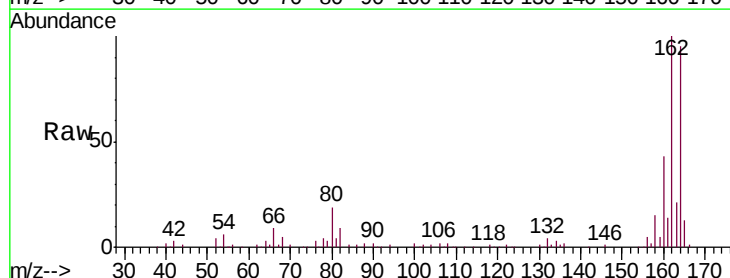


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

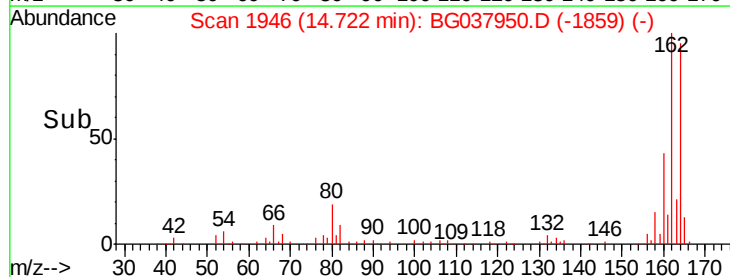
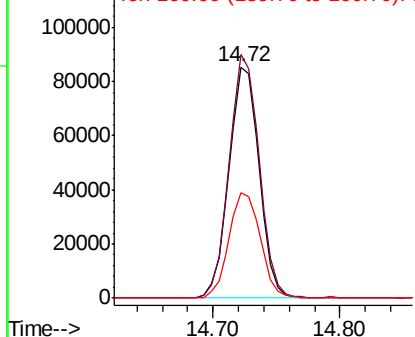


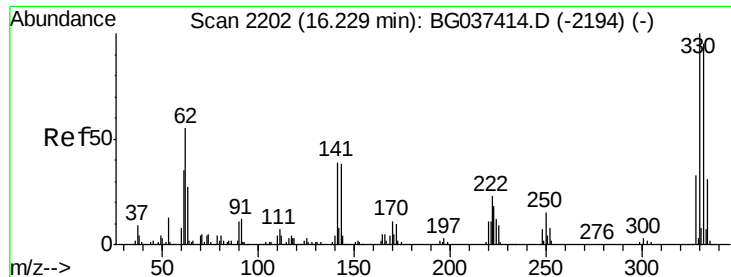
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037950.D
Acq: 12 Nov 2018 18:45

Tgt Ion: 164 Resp: 140026
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 45.7 36.3 54.5



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

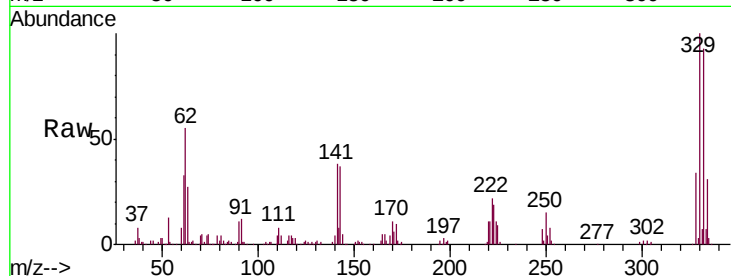




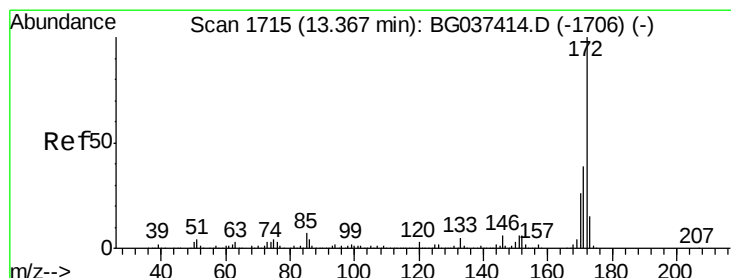
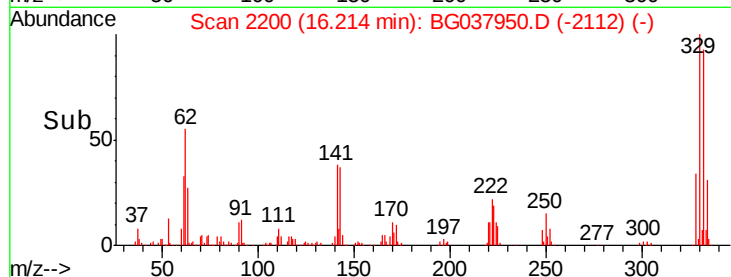
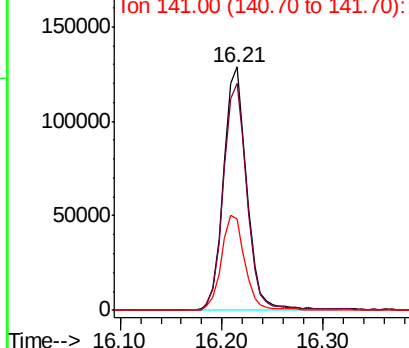
#42
 2,4,6-Tribromophenol
 Concen: 134.533 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037950.D
 Acq: 12 Nov 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 S-S

Tgt Ion:330 Resp: 205465
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 39.4 32.2 48.2

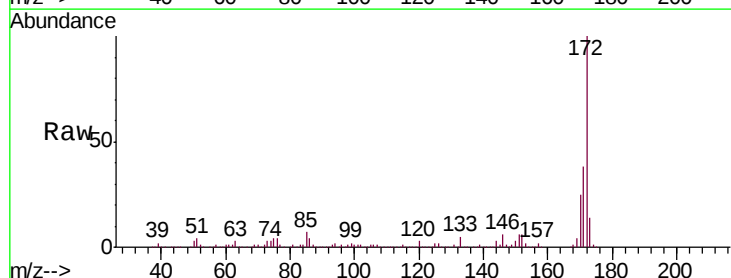


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

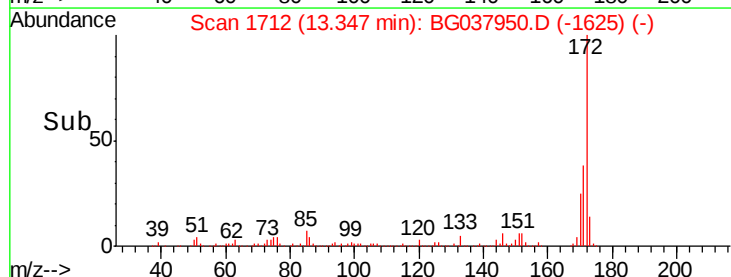
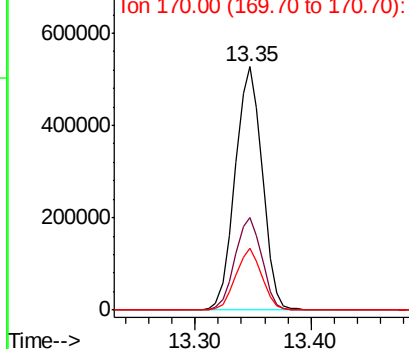


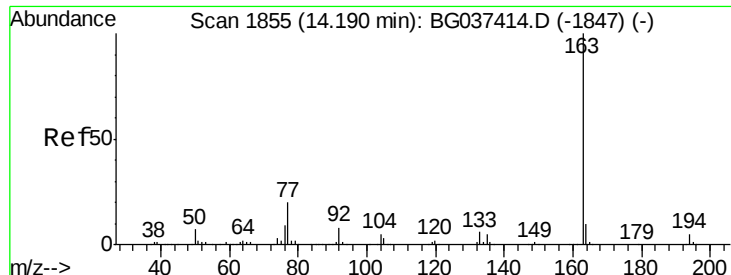
#45
 2-Fluorobiphenyl
 Concen: 92.400 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037950.D
 Acq: 12 Nov 2018 18:45

Tgt Ion:172 Resp: 858018
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.2 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.618 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA_G

ClientSampled :

S-S

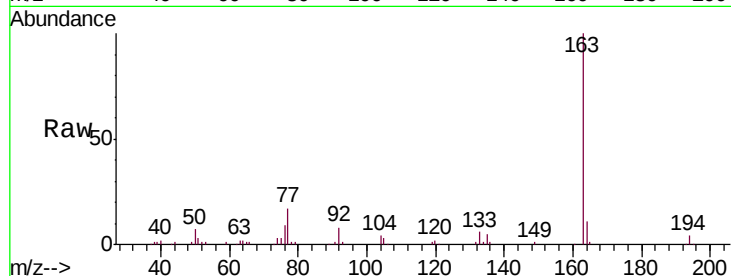
Tgt Ion:163 Resp: 125851

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

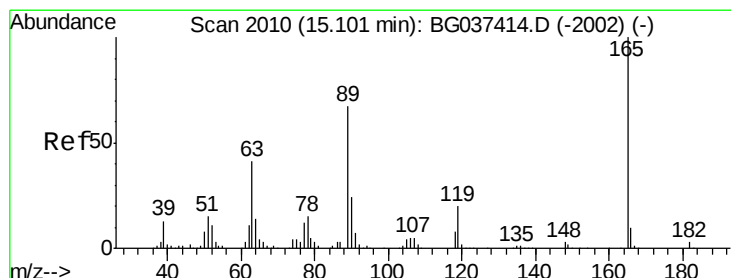
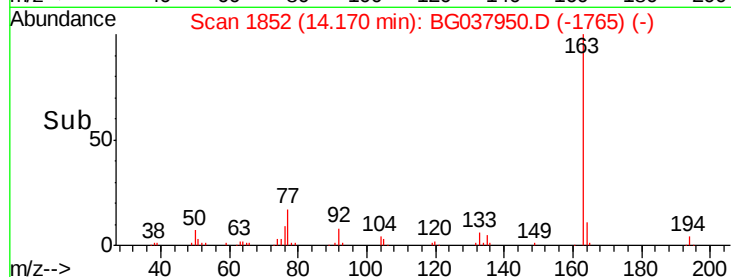
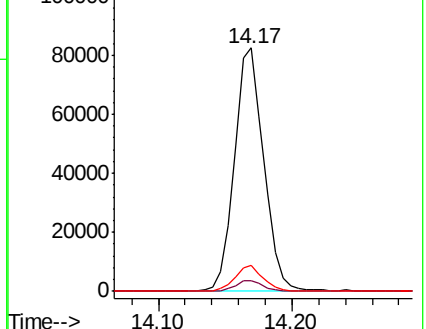
164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.890 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.38 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Tgt Ion:165 Resp: 18528

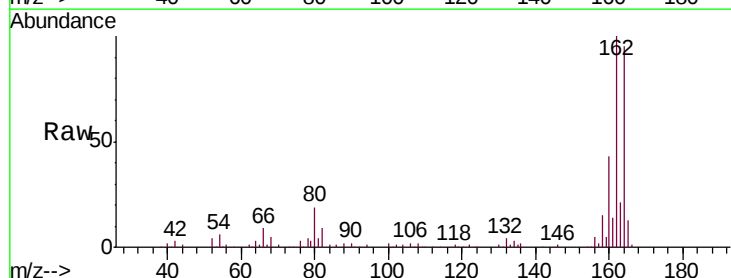
Ion Ratio Lower Upper

165 100

63 1.6 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

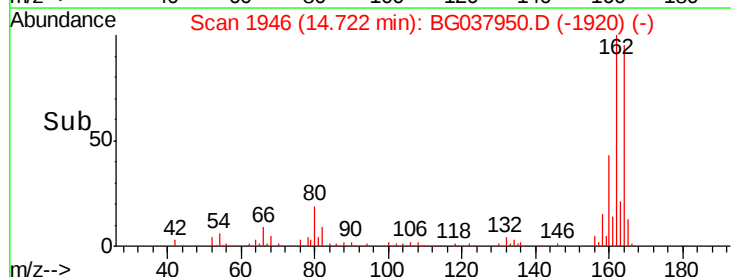
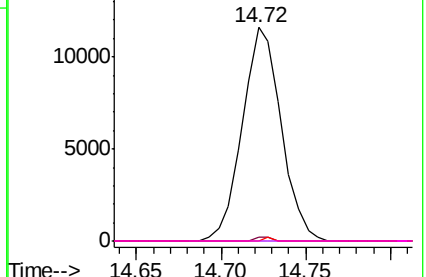


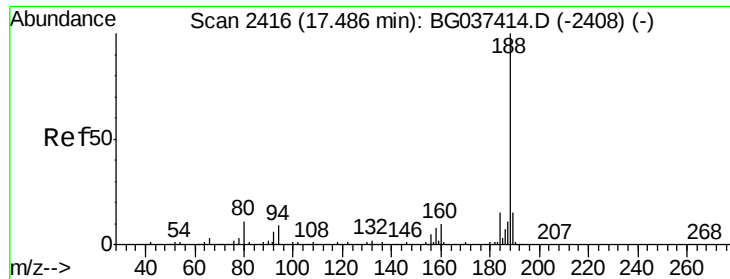
Abundance Ion 165.00 (164.70 to 165.70): E

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

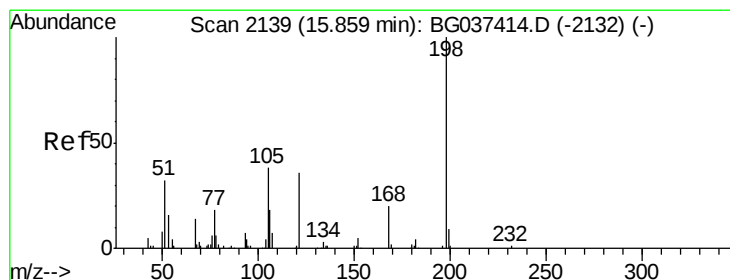
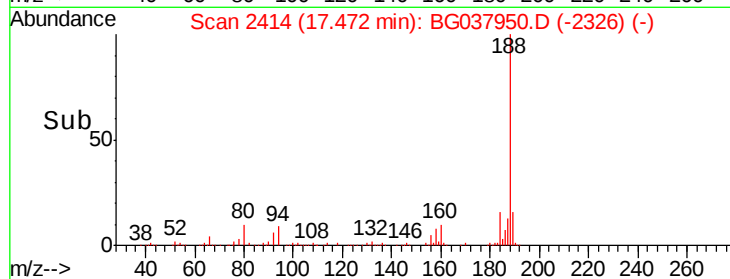
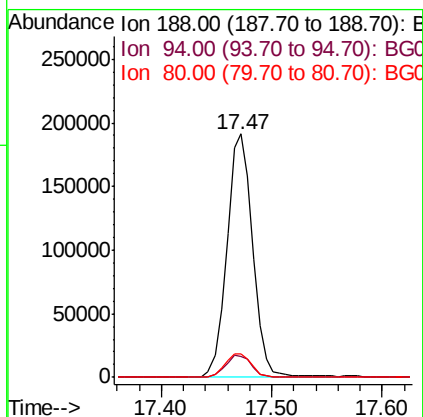
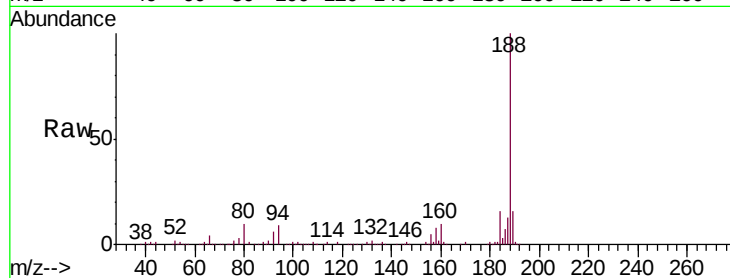




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037950.D
 Acq: 12 Nov 2018 18:45

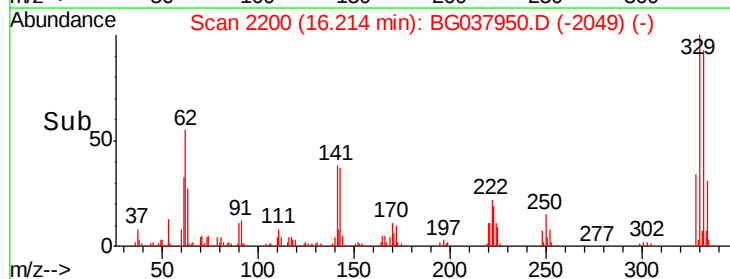
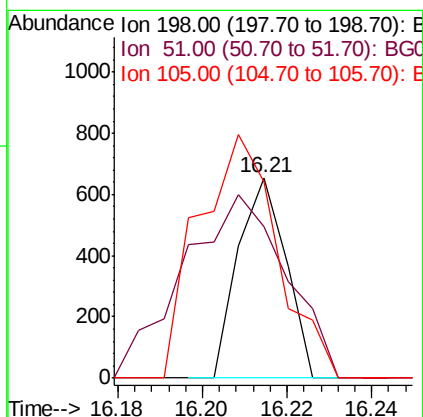
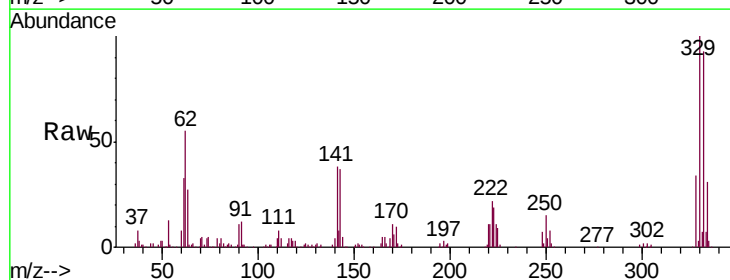
Instrument :
 BNA_G
 ClientSampleId :
 S-S

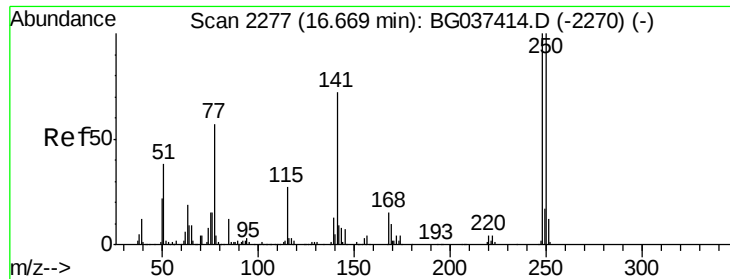
Tgt Ion:188 Resp: 312249
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.6 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.765 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037950.D
 Acq: 12 Nov 2018 18:45

Tgt Ion:198 Resp: 512
 Ion Ratio Lower Upper
 198 100
 51 18.2 22.7 62.7#
 105 23.6 19.7 59.7





#67

4-Bromophenyl-phenylether

Concen: 4.294 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA_G

ClientSampleId :

S-S

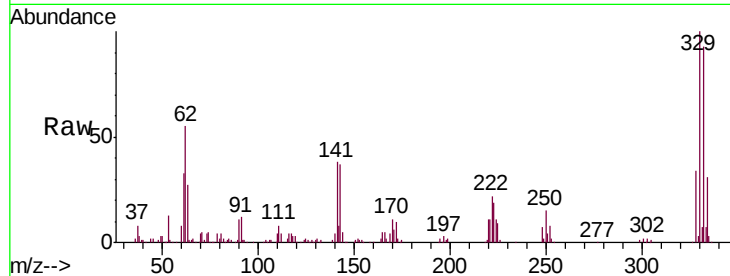
Tgt Ion:248 Resp: 14725

Ion Ratio Lower Upper

248 100

250 201.8 77.0 115.6#

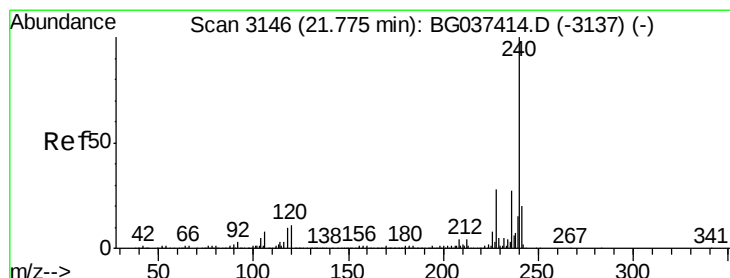
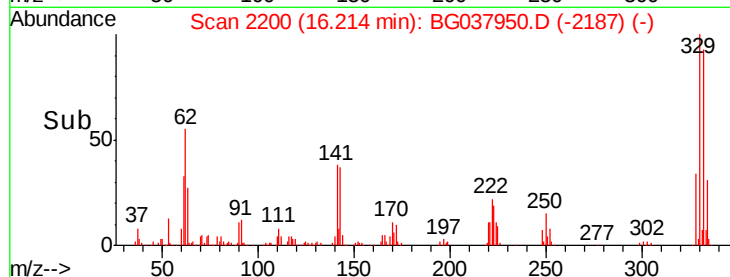
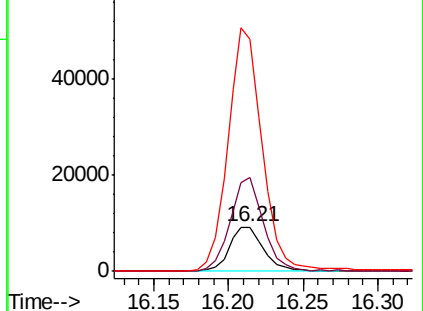
141 388.5 55.5 83.3#



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: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

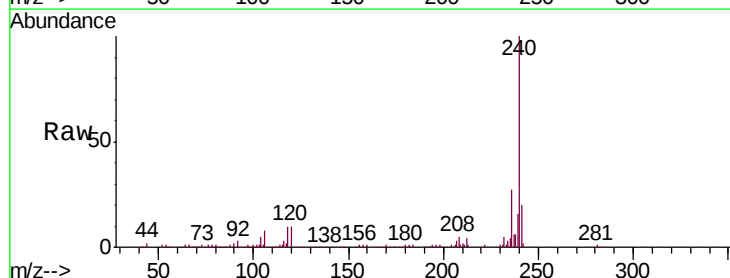
Tgt Ion:240 Resp: 273483

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

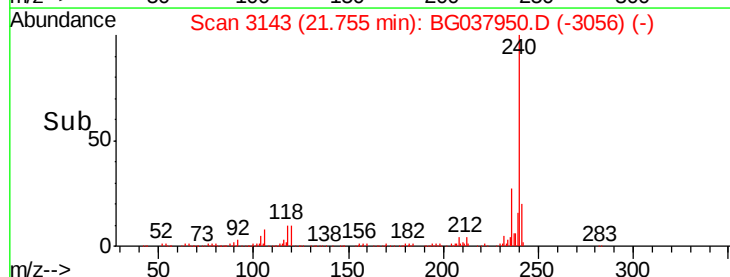
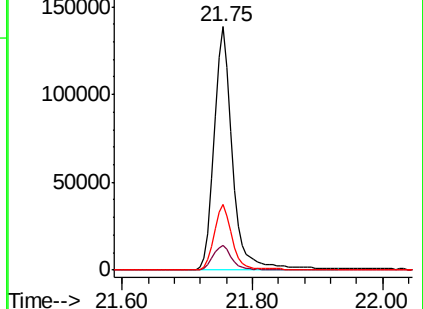
236 26.8 21.4 32.0



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: 92.379 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA_G

ClientSampleId :

S-S

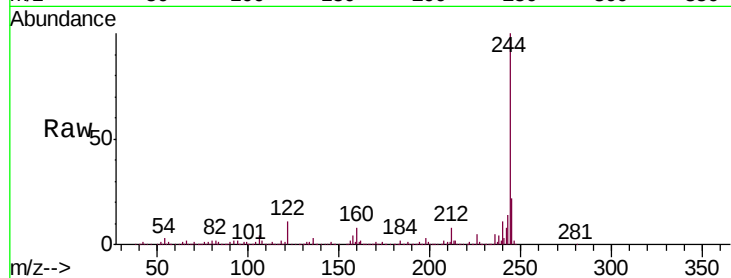
Tgt Ion:244 Resp: 1182355

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

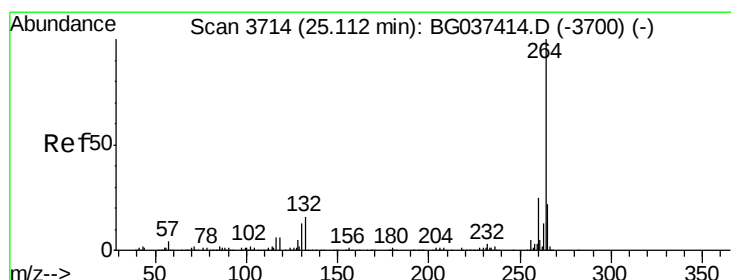
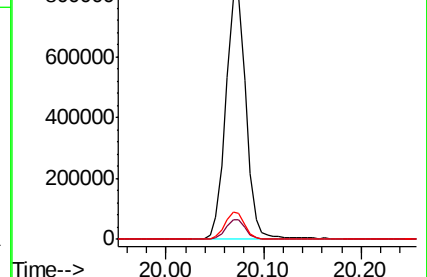
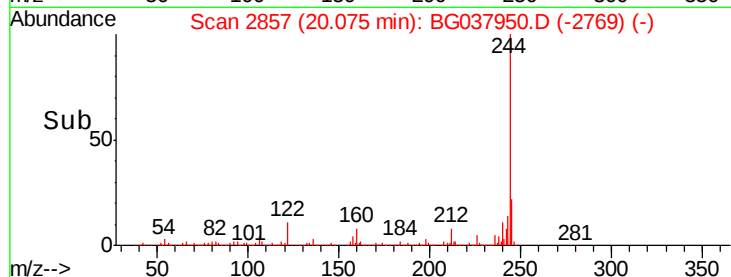
122 10.7 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

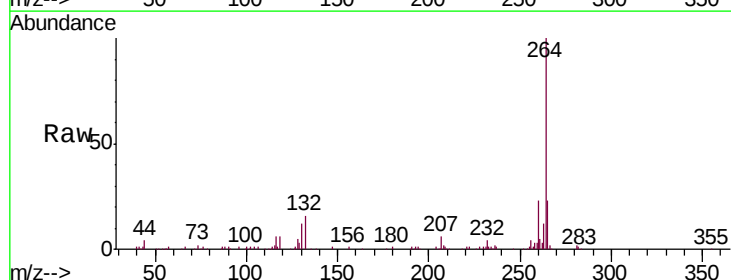
Tgt Ion:264 Resp: 239078

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 23.0 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

