

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037658.D
 Acq On : 30 Oct 2018 17:58
 Operator : JU/SJ
 Sample : J5711-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-WS

Quant Time: Oct 31 08:01:09 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

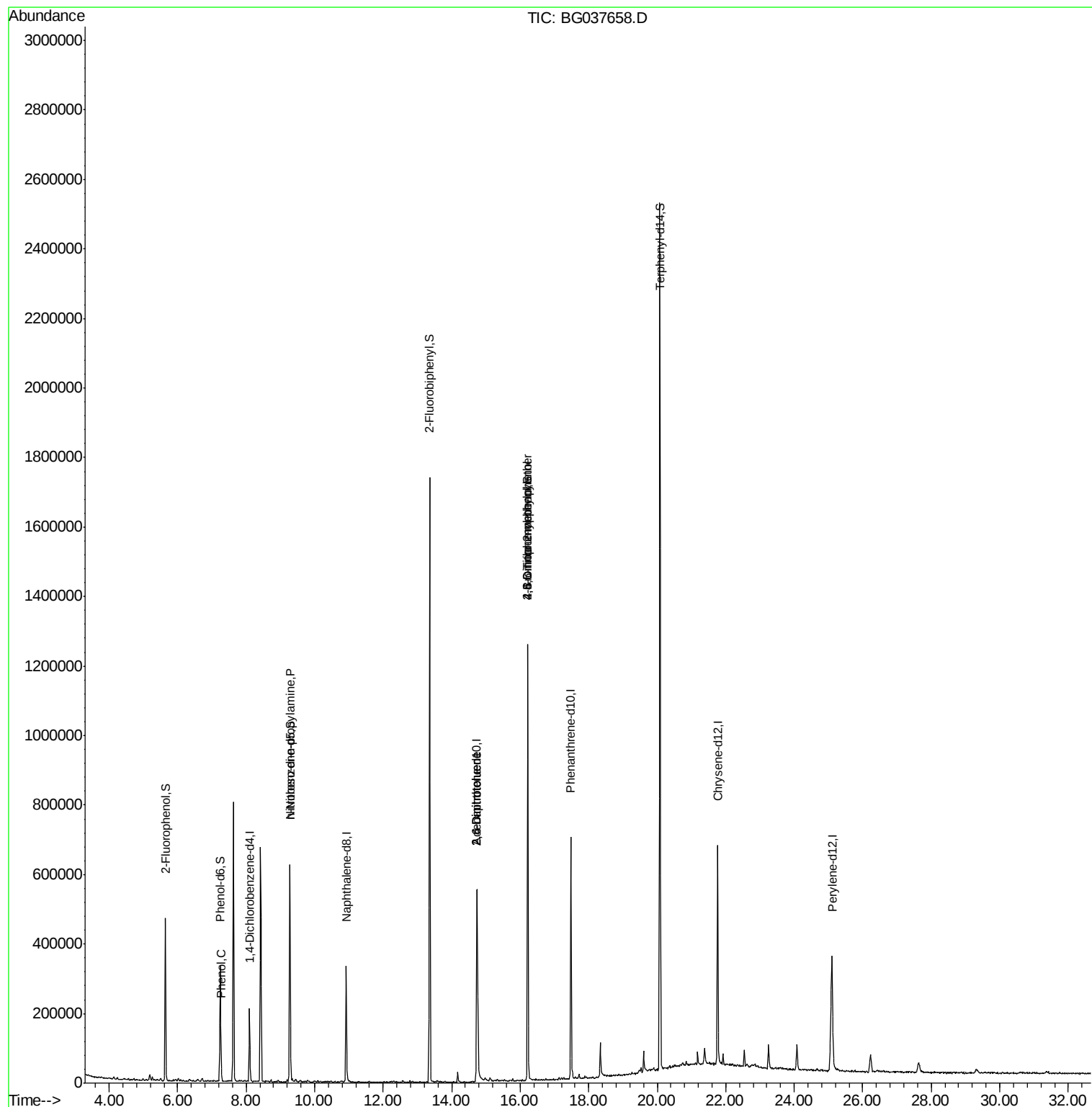
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63515	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	298920	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	204446	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	449122	20.00	ng	0.00
76) Chrysene-d12	21.76	240	389936	20.00	ng	-0.01
87) Perylene-d12	25.10	264	392423	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	217894	57.35	ng	0.00
7) Phenol-d6	7.25	99	209017	36.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	394497	73.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	232484	104.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	943228	69.57	ng	-0.01
79) Terphenyl-d14	20.08	244	1250579	68.53	ng	0.00
Target Compounds						
10) Phenol	7.27	94	33828	5.581	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	49664	12.555	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	25955	7.418	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	25955	5.651	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	782	8.780	ng	# 72
67) 4-Bromophenyl-phenylether	16.22	248	18252	3.701	ng	# 1

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

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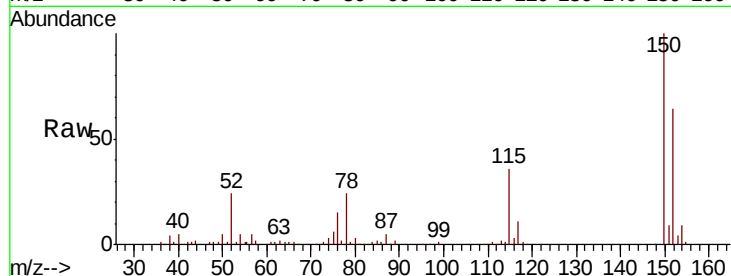


#1

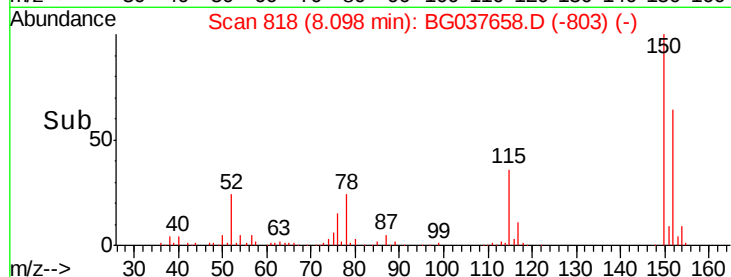
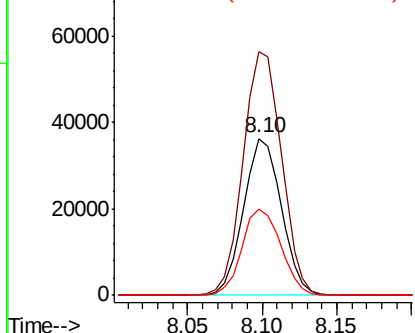
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-WS

Tgt Ion:152 Resp: 63515
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.0 189.0
 115 55.2 45.5 68.3



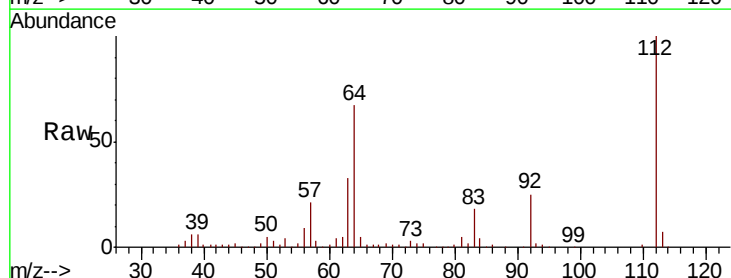
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



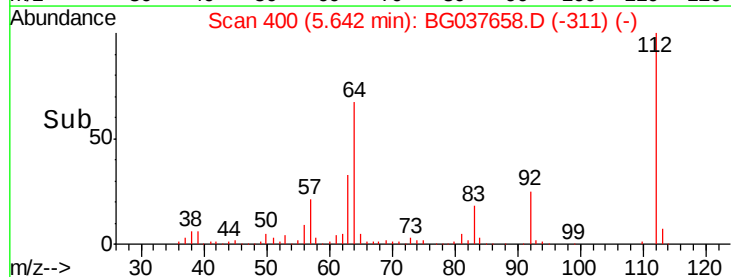
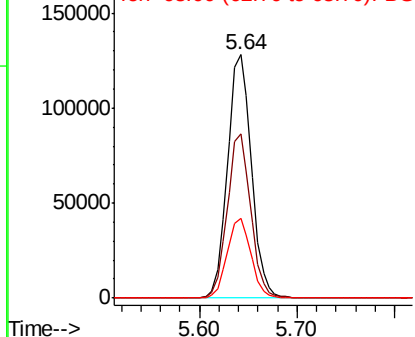
#5

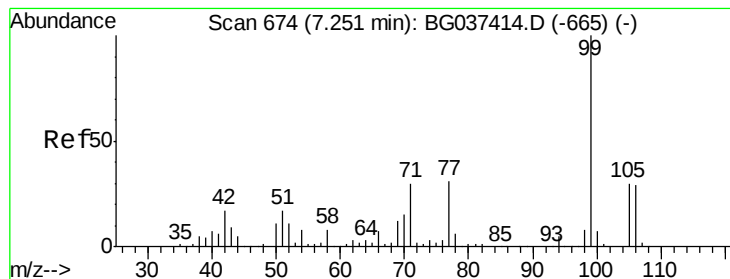
2-Fluorophenol
 Concen: 57.354 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Tgt Ion:112 Resp: 217894
 Ion Ratio Lower Upper
 112 100
 64 67.4 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: 36.384 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

Instrument :

BNA_G

ClientSampleId :

SB-6-WS

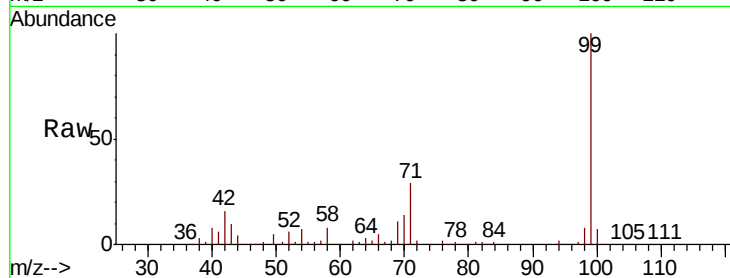
Tgt Ion: 99 Resp: 209017

Ion Ratio Lower Upper

99 100

42 16.4 15.0 22.4

71 28.8 25.5 38.3

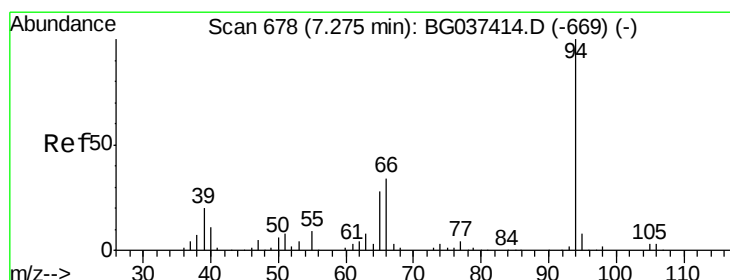
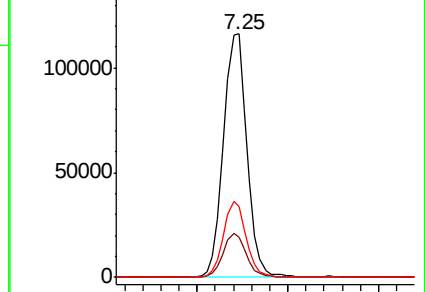
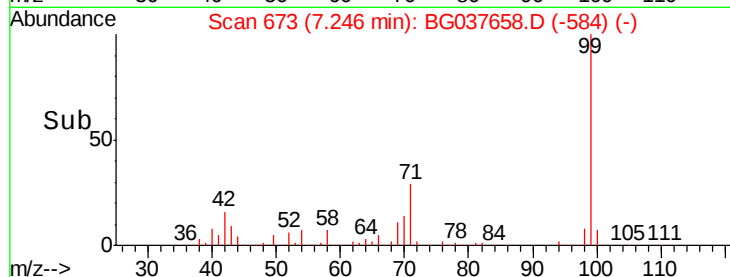


Abundance

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: 5.581 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

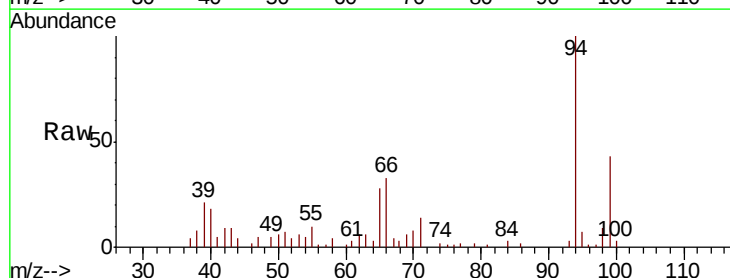
Tgt Ion: 94 Resp: 33828

Ion Ratio Lower Upper

94 100

65 27.7 9.7 49.7

66 33.0 15.9 55.9

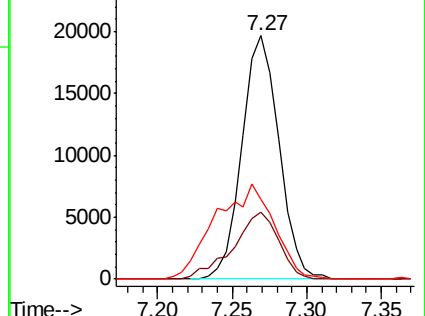
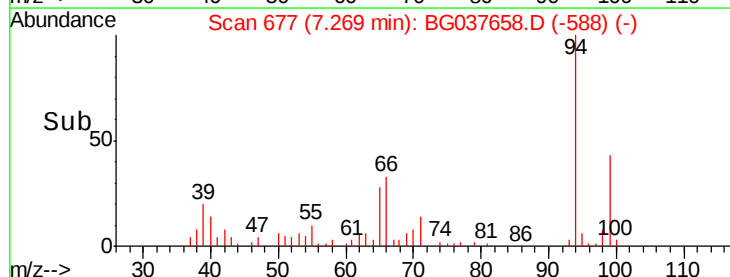


Abundance

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

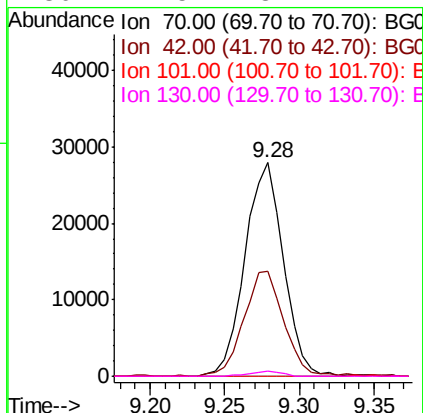
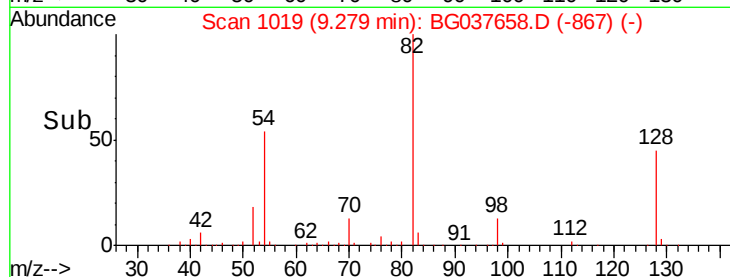
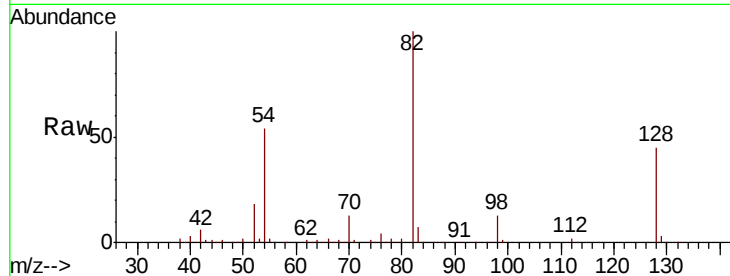




#19
n-Nitroso-di-n-propylamine
Concen: 12.555 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

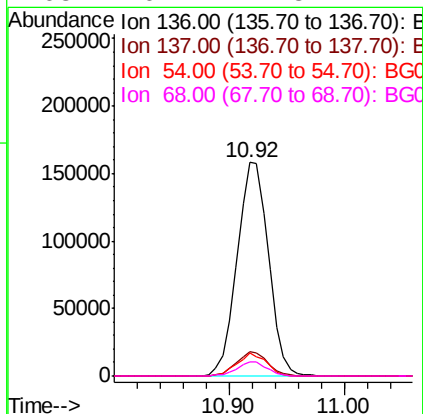
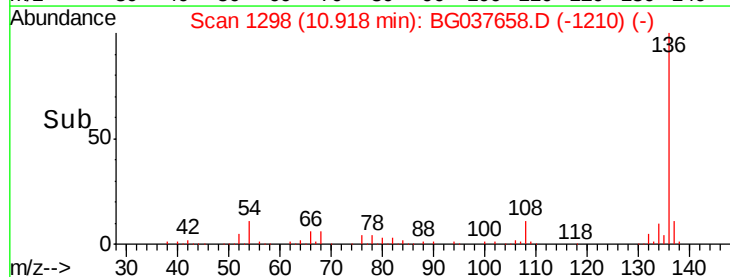
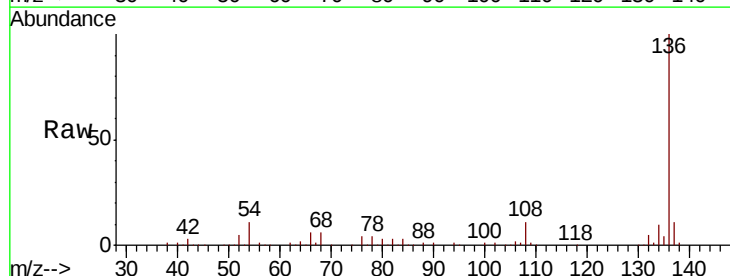
Instrument :
BNA_G
ClientSampleId :
SB-6-WS

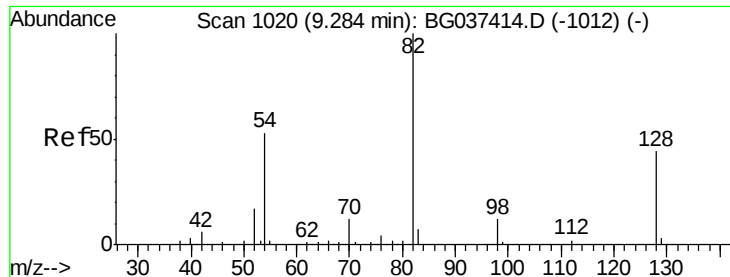
Tgt Ion: 70 Resp: 49664
Ion Ratio Lower Upper
70 100
42 49.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion: 136 Resp: 298920
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 11.0 7.9 11.9
68 6.4 4.8 7.2

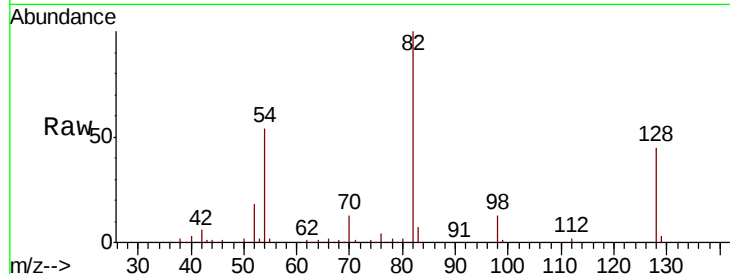




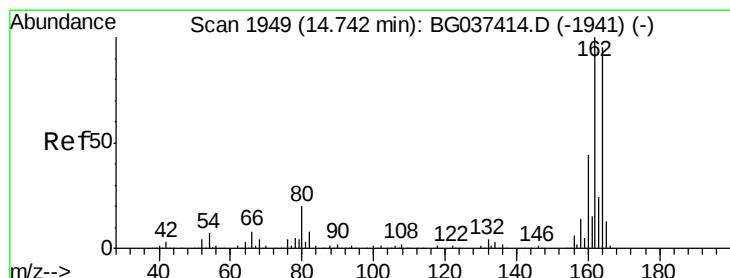
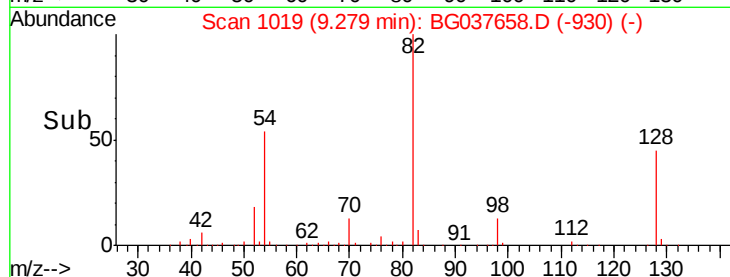
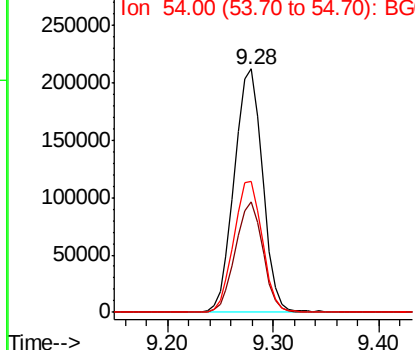
#23
Nitrobenzene-d5
Concen: 73.931 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	53.8	45.3	67.9

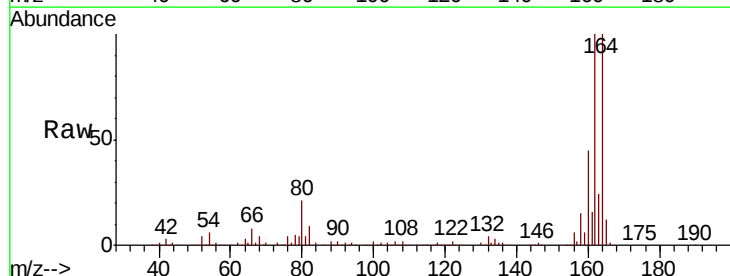


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

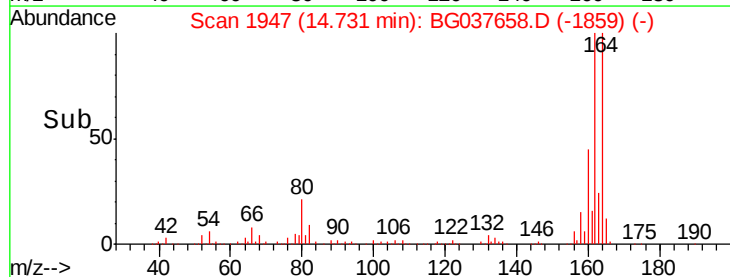
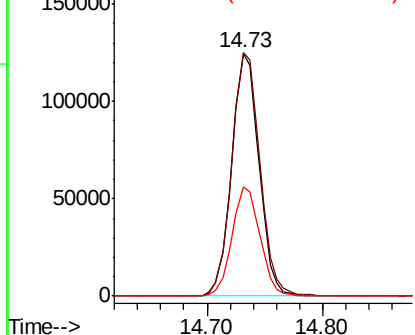


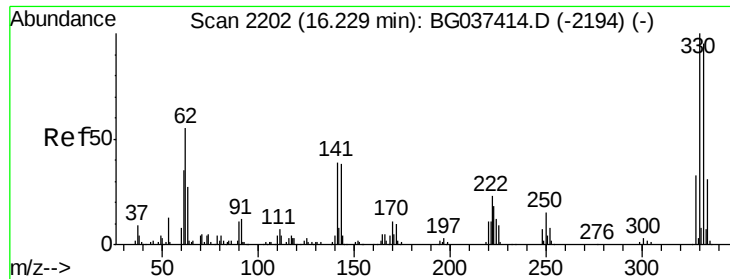
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.0	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

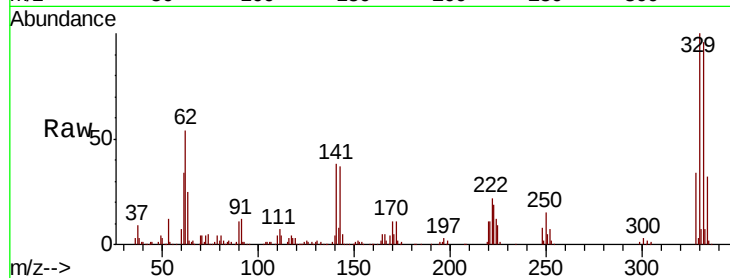




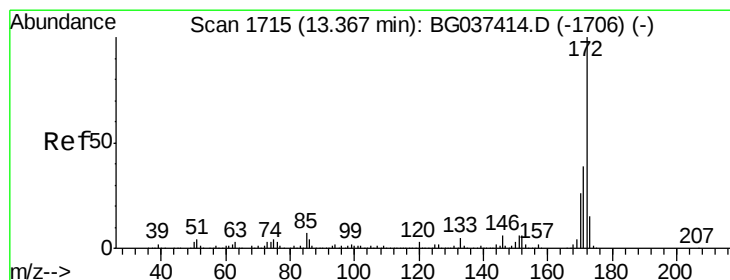
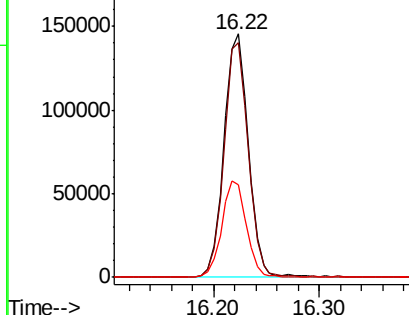
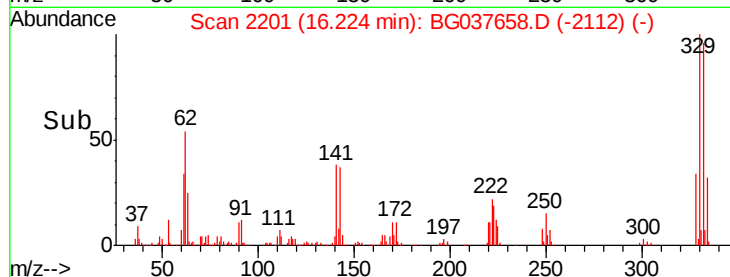
#42
 2,4,6-Tribromophenol
 Concen: 104.259 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-WS

Tgt Ion:330 Resp: 232484
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 40.1 32.2 48.2

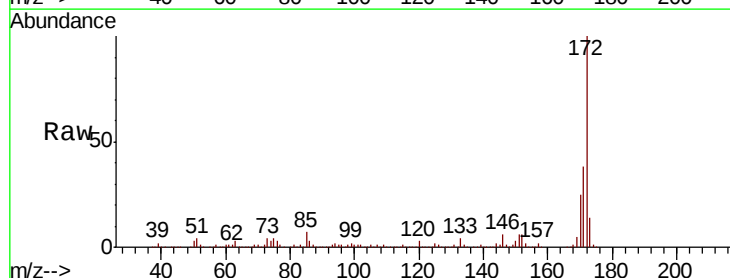


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

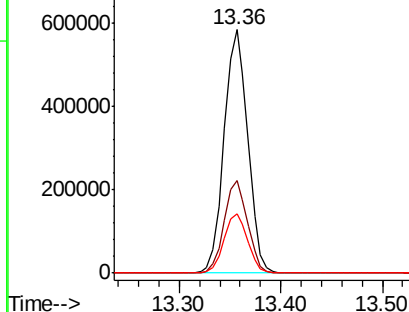
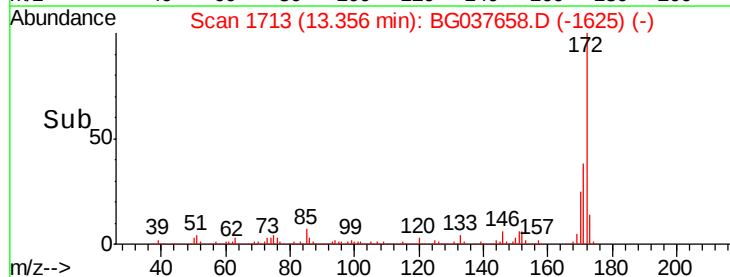


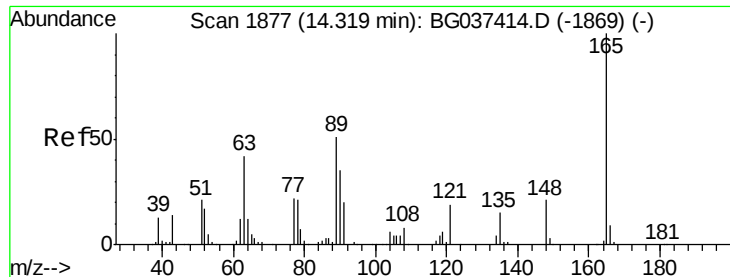
#45
 2-Fluorobiphenyl
 Concen: 69.570 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Tgt Ion:172 Resp: 943228
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 24.5 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





#51

2,6-Dinitrotoluene

Concen: 7.418 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.41 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

Instrument :

BNA_G

ClientSampleId :

SB-6-WS

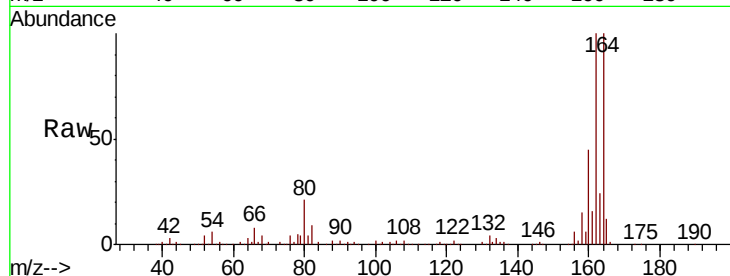
Tgt Ion:165 Resp: 25955

Ion Ratio Lower Upper

165 100

63 2.5 43.4 65.2#

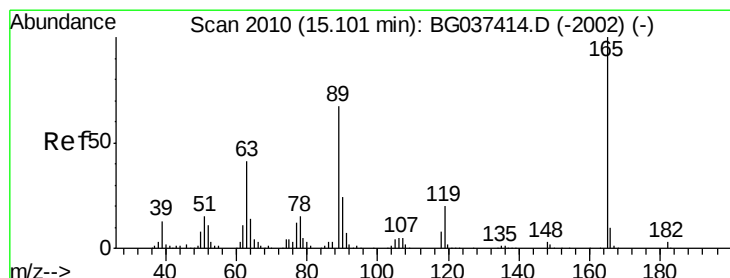
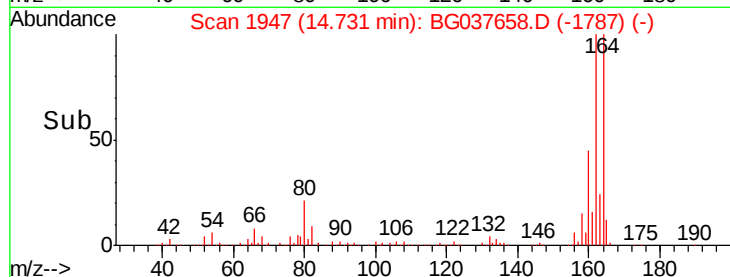
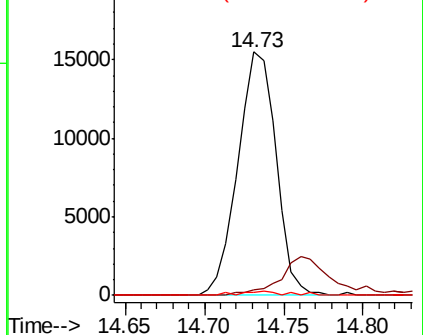
89 1.4 45.8 68.6#



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



#57

2,4-Dinitrotoluene

Concen: 5.651 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

Tgt Ion:165 Resp: 25955

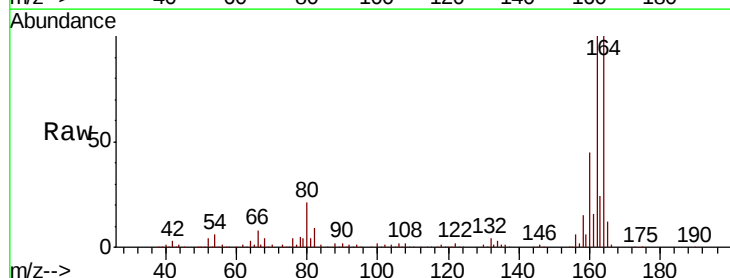
Ion Ratio Lower Upper

165 100

63 2.5 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#

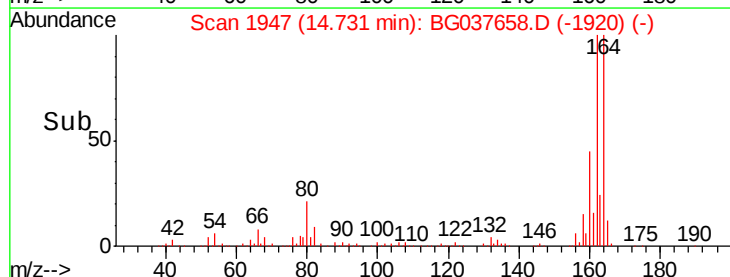
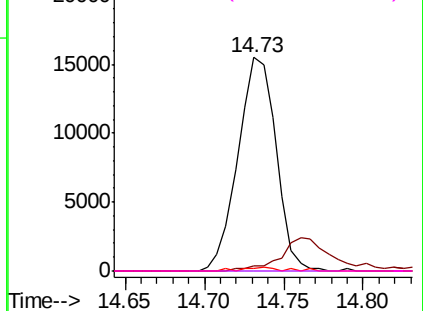


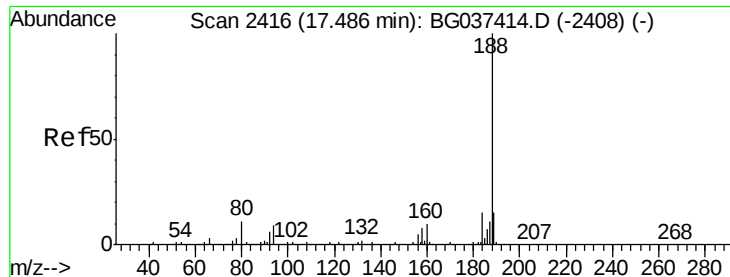
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2415

Delta R.T. -0.01 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

Instrument :

BNA_G

ClientSampleId :

SB-6-WS

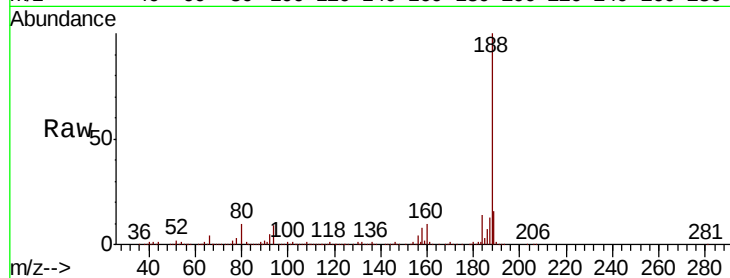
Tgt Ion:188 Resp: 449122

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

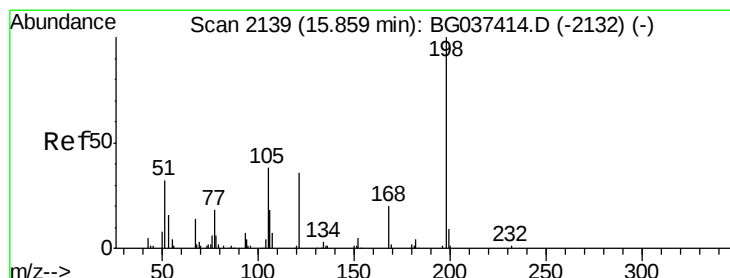
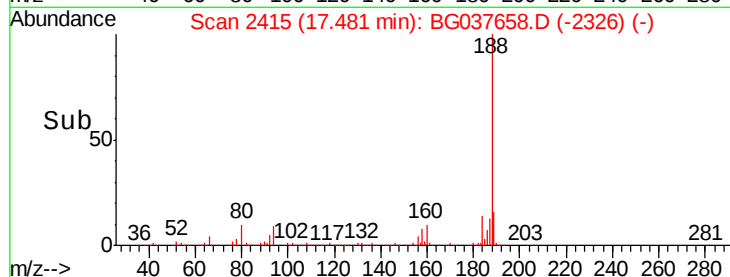
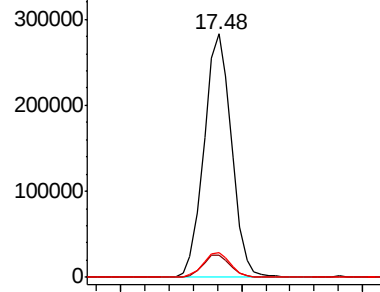
80 10.3 7.7 11.5



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: 8.780 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.37 min

Lab File: BG037658.D

Acq: 30 Oct 2018 17:58

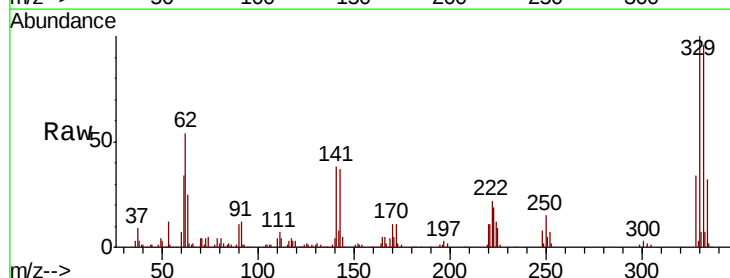
Tgt Ion:198 Resp: 782

Ion Ratio Lower Upper

198 100

51 20.6 22.7 62.7#

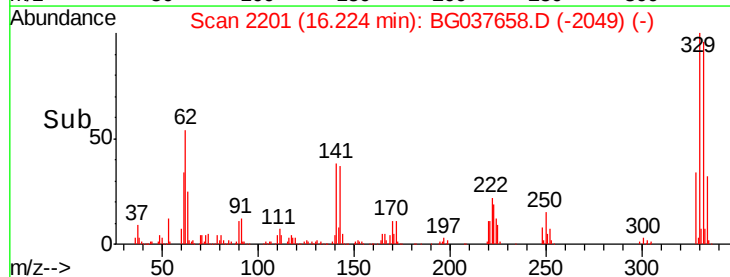
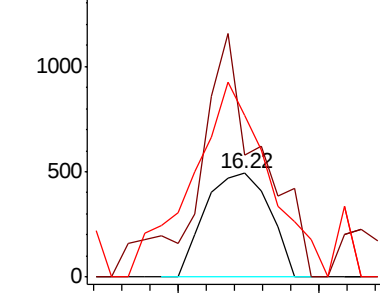
105 27.2 19.7 59.7

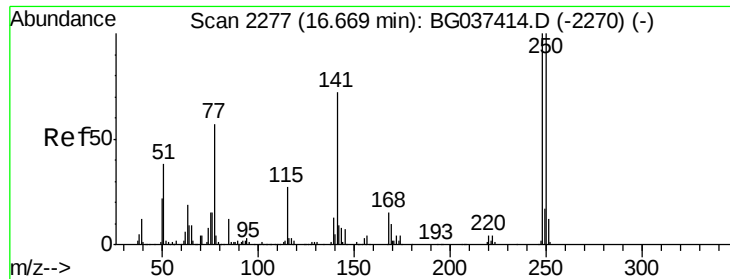


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

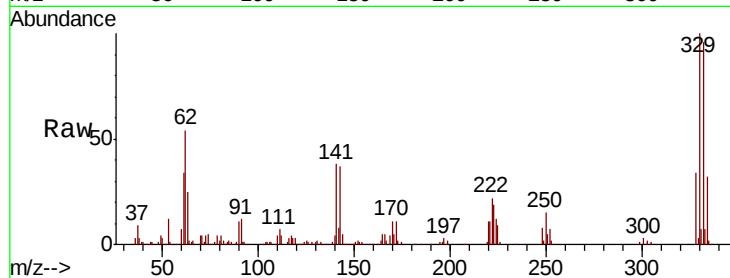




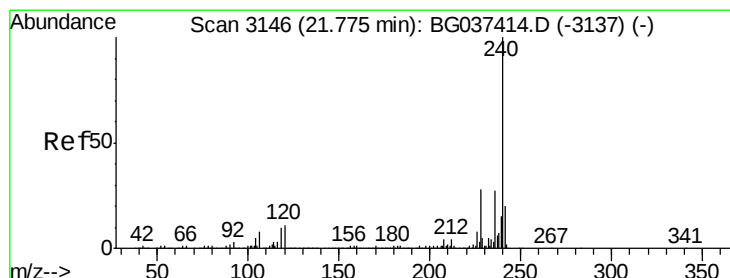
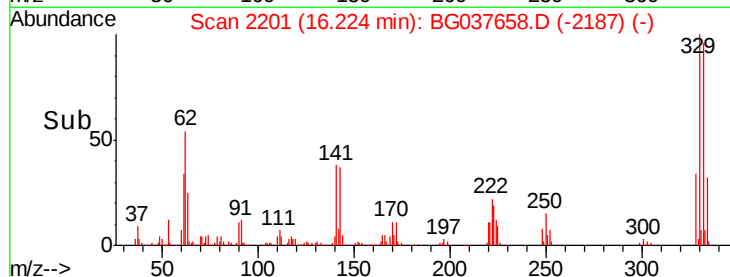
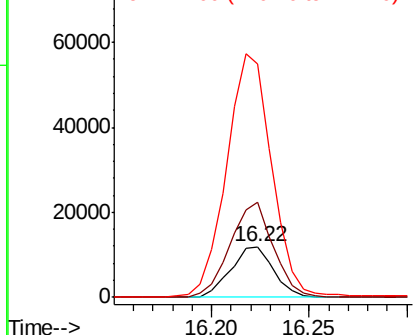
#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:248 Resp: 18252
Ion Ratio Lower Upper
248 100
250 188.2 77.0 115.6#
141 359.2 55.5 83.3#

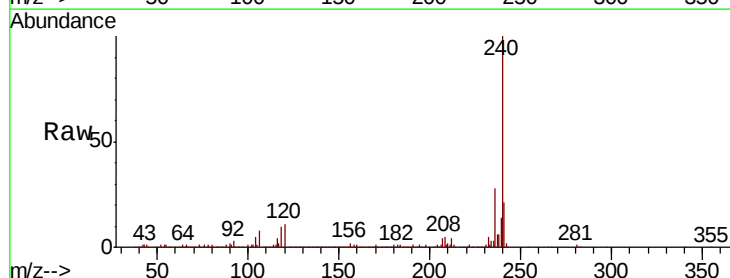


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

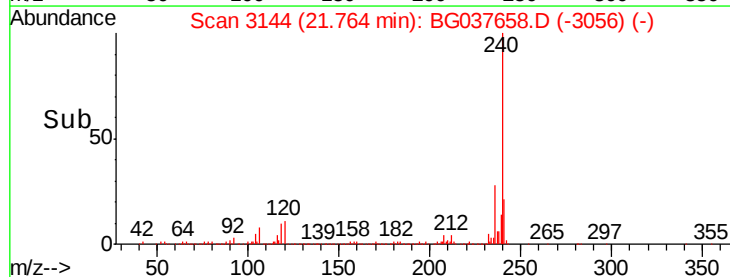
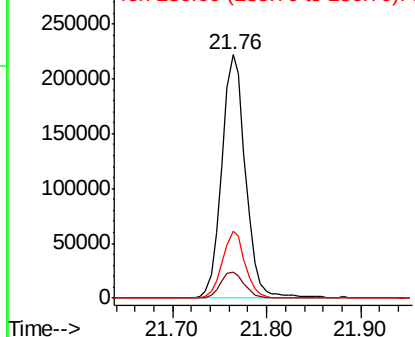


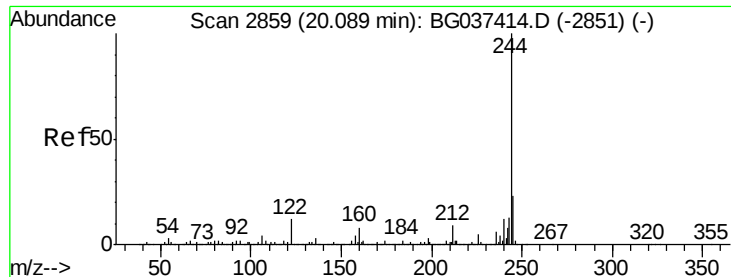
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:240 Resp: 389936
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.5 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

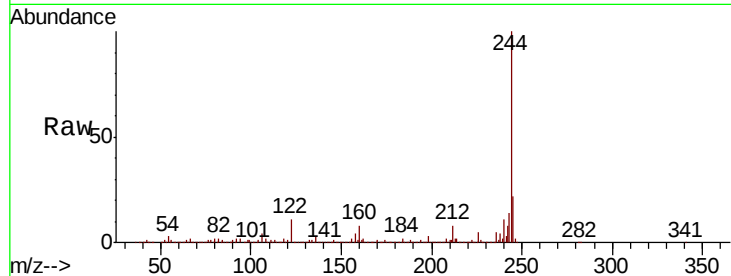




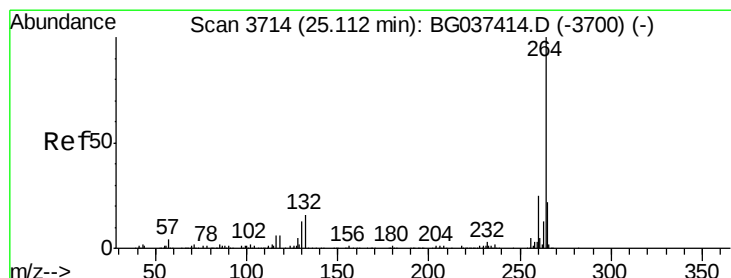
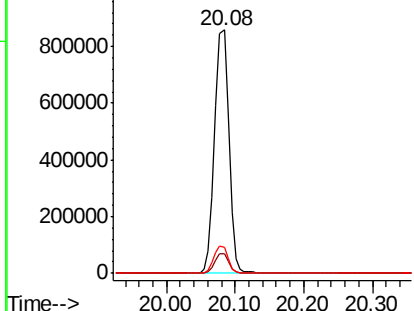
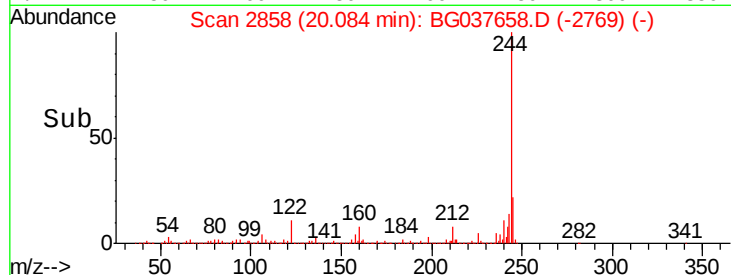
#79
 Terphenyl-d14
 Concen: 68.529 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-WS

Tgt Ion:244 Resp: 1250579
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.7 9.0 13.4

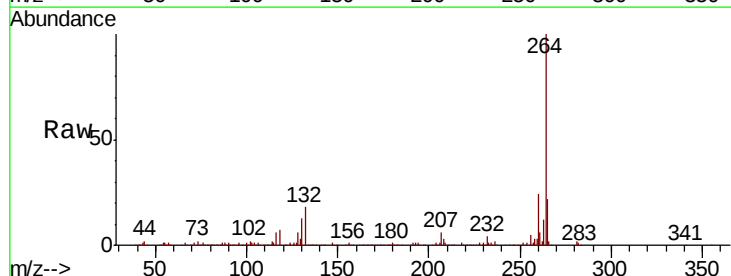


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037658.D
 Acq: 30 Oct 2018 17:58

Tgt Ion:264 Resp: 392423
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 21.9 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

