

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037065.D
 Acq On : 29 Sep 2018 00:54
 Operator : JU/SJ
 Sample : PB113331BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BS

Quant Time: Sep 29 06:14:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

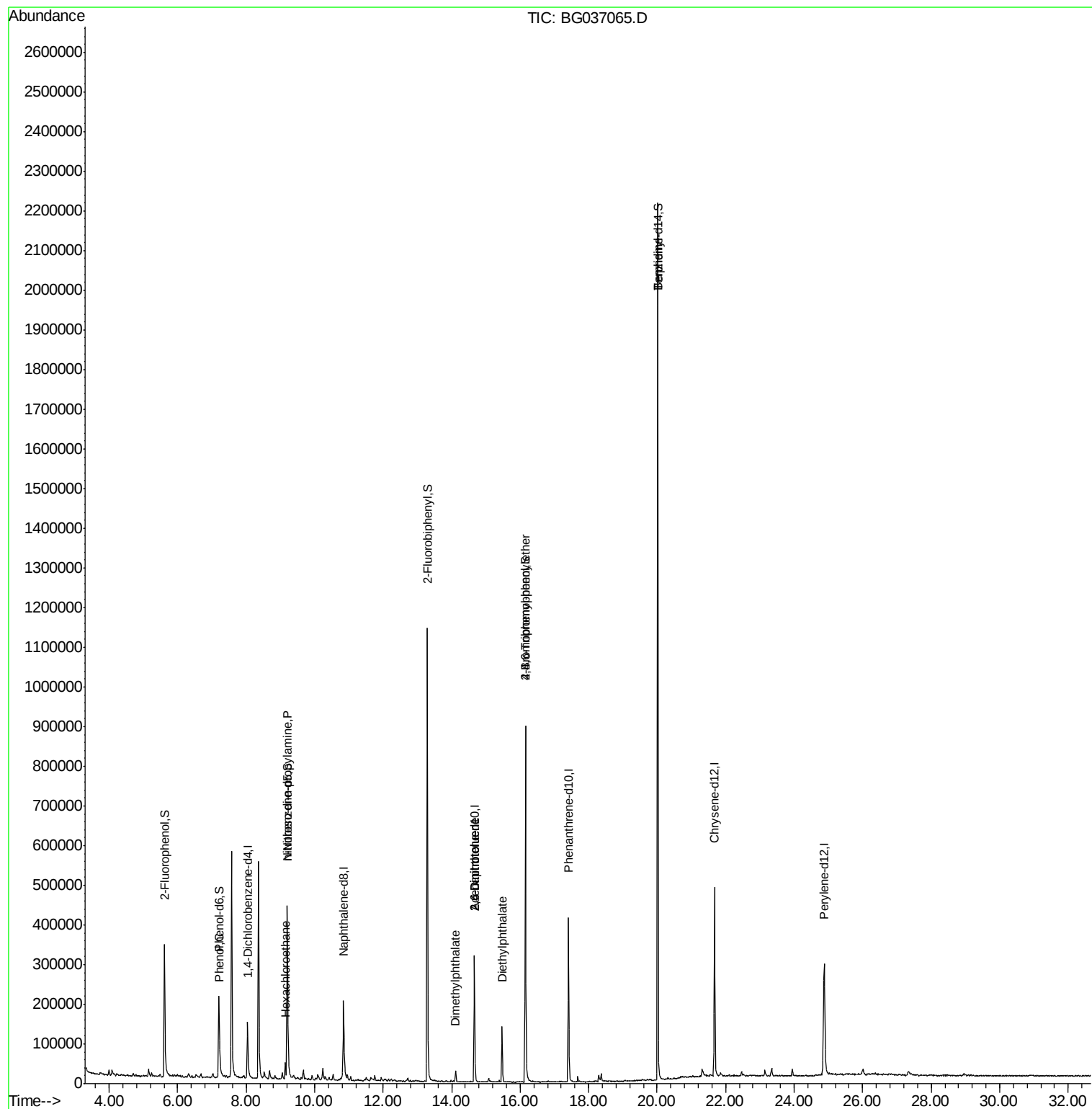
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46741	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	190599	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	115185	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	288584	20.00	ng	0.00
75) Chrysene-d12	21.67	240	304293	20.00	ng	-0.02
86) Perylene-d12	24.88	264	306362	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	171769	70.48	ng	0.00
7) Phenol-d6	7.20	99	149729	39.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	318650	89.53	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	170410	123.65	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	642006	83.01	ng	-0.02
78) Terphenyl-d14	20.02	244	1066936	92.20	ng	0.00
Target Compounds						
10) Phenol	7.22	94	10787	2.772	ng	# 64
18) Hexachloroethane	9.14	117	3436	2.630	ng	# 1
19) n-Nitroso-di-n-propylamine	9.20	70	43703	13.932	ng	# 73
49) Dimethylphthalate	14.12	163	22448	2.421	ng	99
50) 2,6-Dinitrotoluene	14.67	165	14474	7.155	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	14474	5.128	ng	# 20
59) Diethylphthalate	15.47	149	85942	9.190	ng	95
66) 4-Bromophenyl-phenylether	16.15	248	12420	3.784	ng	# 1
76) Benzidine	20.02	184	18621	2.024	ng	# 94

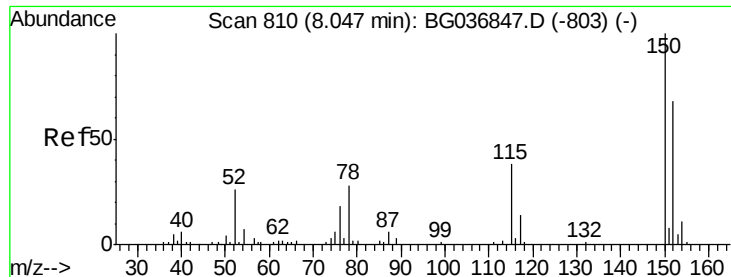
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

Instrument :

BNA_G

ClientSampleId :

PB113331BS

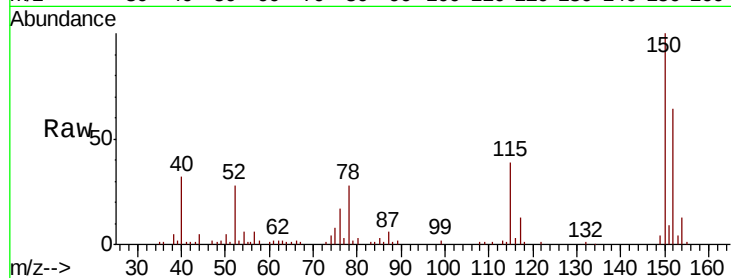
Tgt Ion:152 Resp: 46741

Ion Ratio Lower Upper

152 100

150 155.1 119.5 179.3

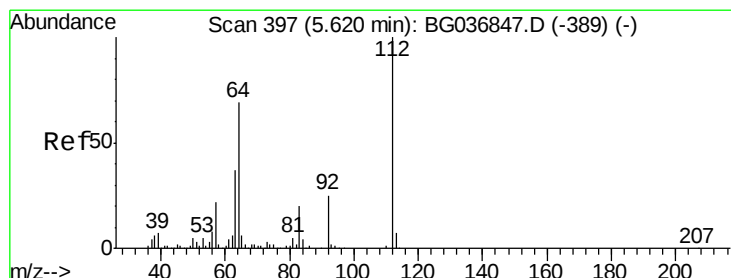
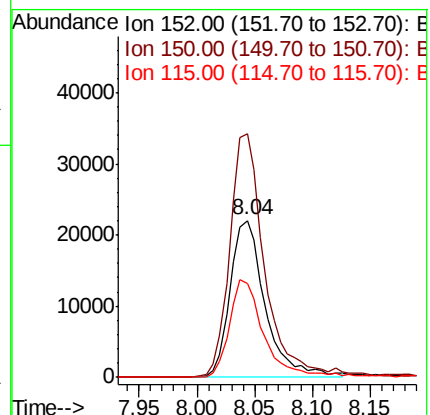
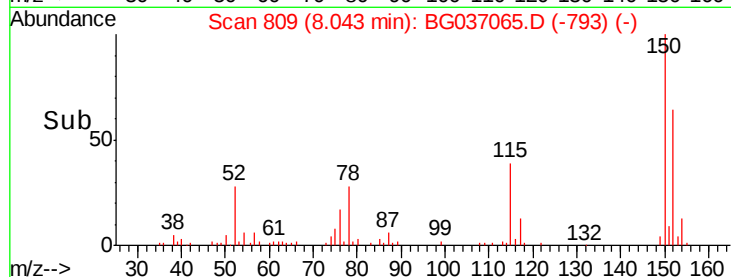
115 60.1 44.5 66.7



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: 70.477 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

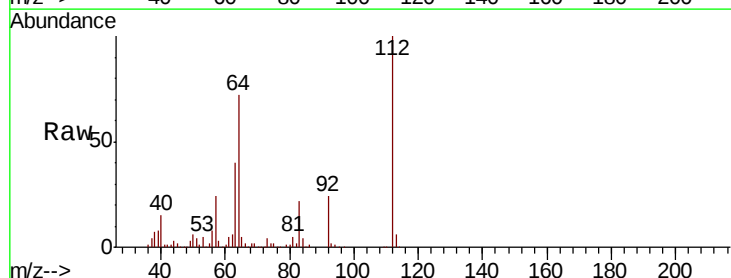
Tgt Ion:112 Resp: 171769

Ion Ratio Lower Upper

112 100

64 72.1 57.2 85.8

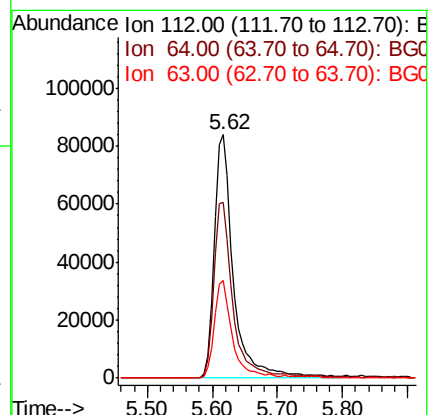
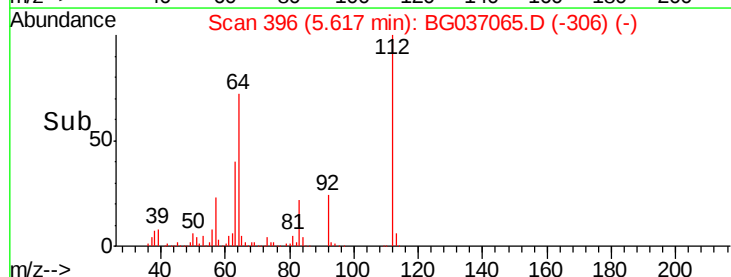
63 40.2 30.8 46.2

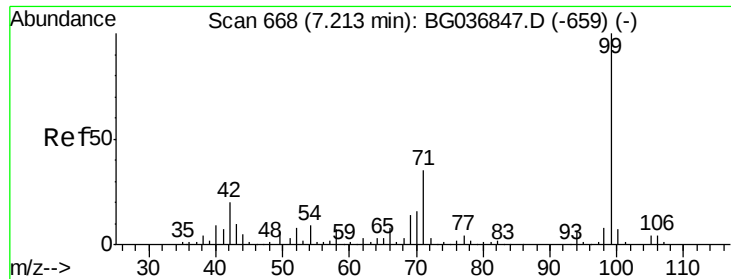


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.707 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

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PB113331BS

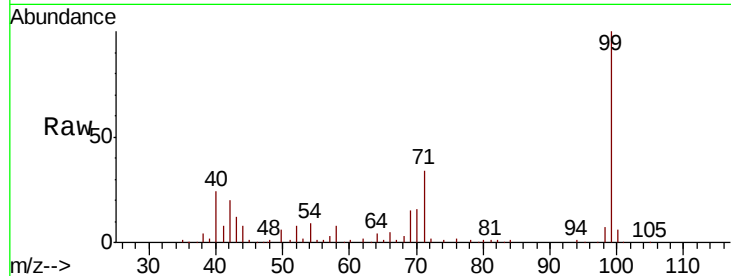
Tgt Ion: 99 Resp: 149729

Ion Ratio Lower Upper

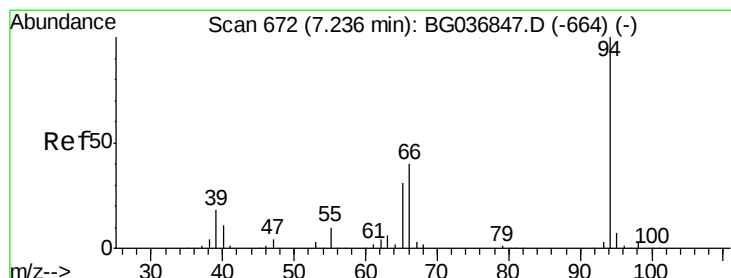
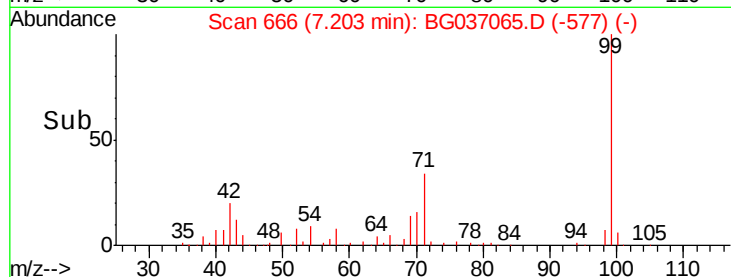
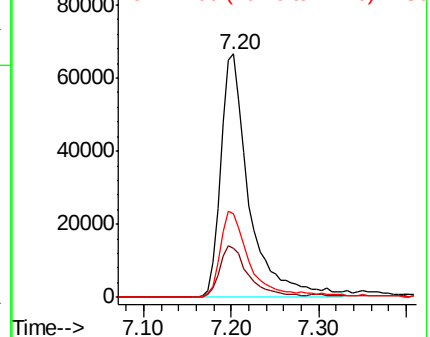
99 100

42 20.3 16.5 24.7

71 34.1 29.4 44.2



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: 2.772 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

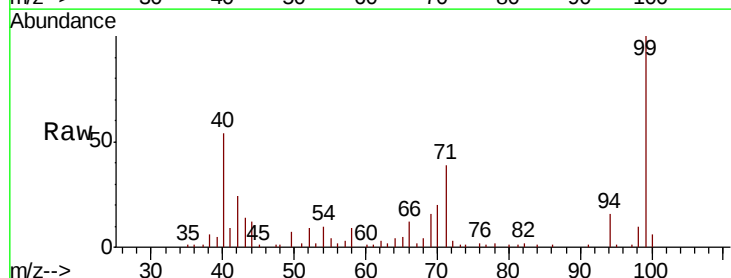
Tgt Ion: 94 Resp: 10787

Ion Ratio Lower Upper

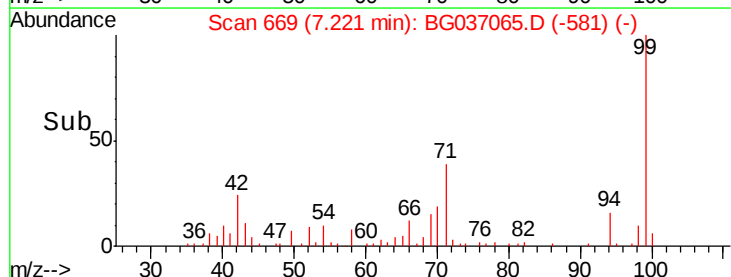
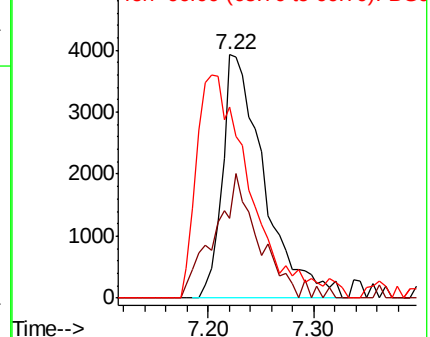
94 100

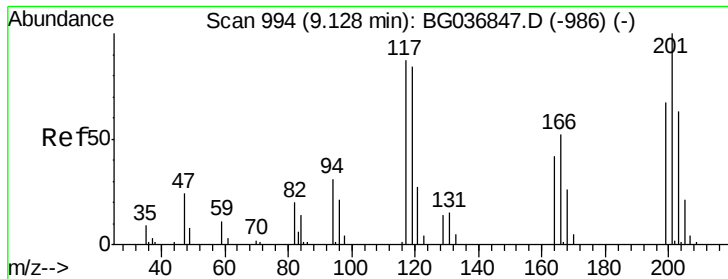
65 32.6 11.5 51.5

66 78.3 19.5 59.5#



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

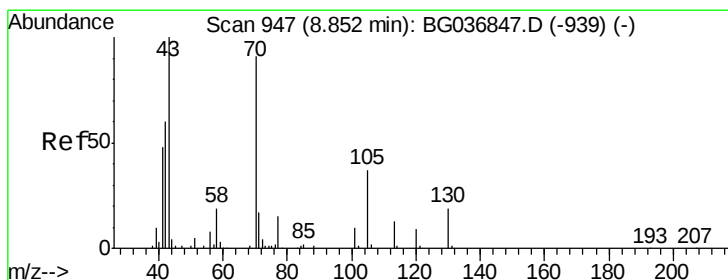
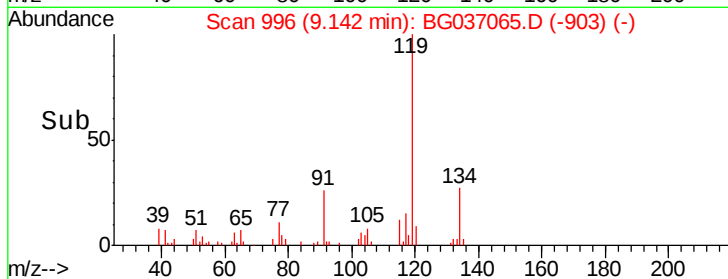
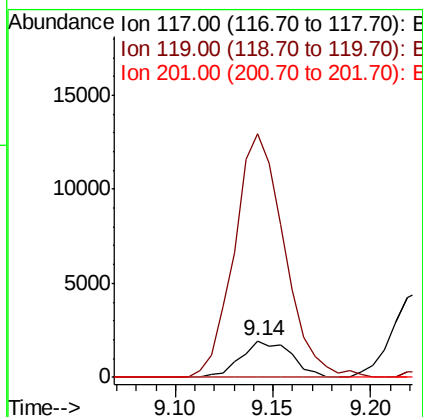
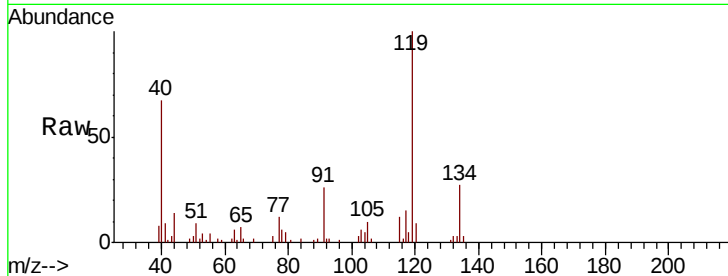




#18
Hexachloroethane
Concen: 2.630 ng
RT: 9.14 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

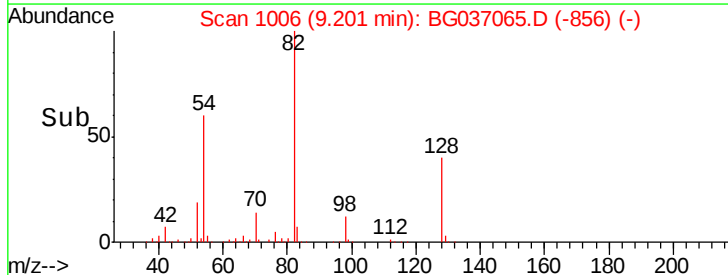
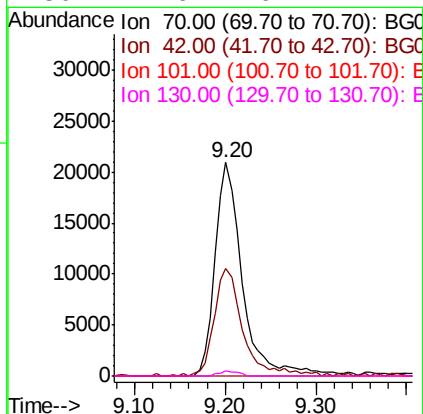
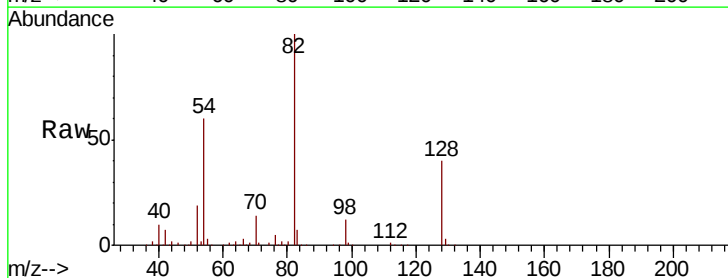
Instrument :
BNA_G
ClientSampleId :
PB113331BS

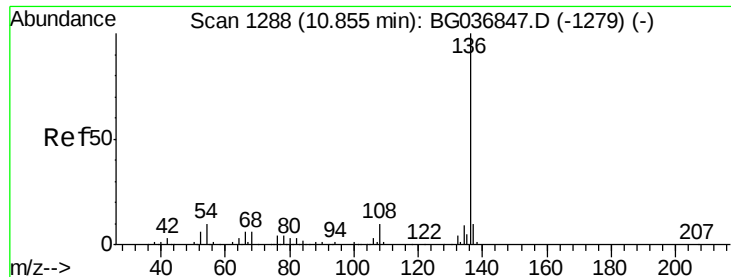
Tgt Ion: 117 Resp: 3436
Ion Ratio Lower Upper
117 100
119 669.8 76.8 115.2#
201 0.0 85.7 128.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.932 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Tgt Ion: 70 Resp: 43703
Ion Ratio Lower Upper
70 100
42 50.1 56.2 84.4#
101 0.0 7.8 11.6#
130 2.6 16.2 24.2#

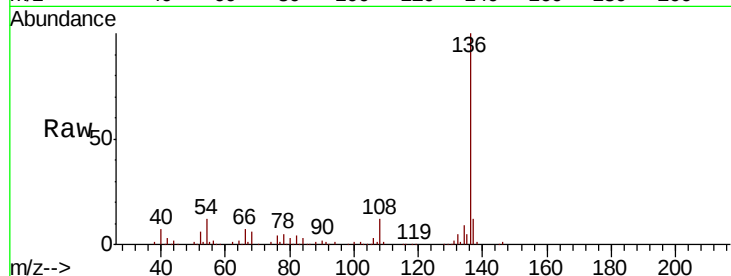




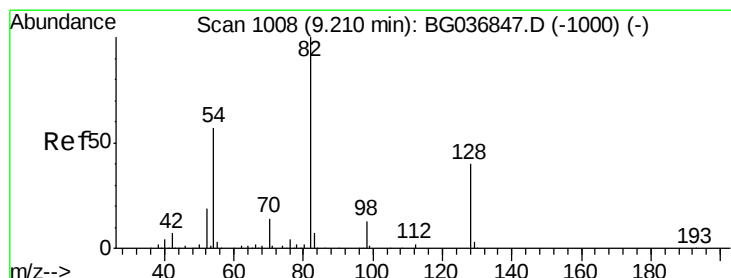
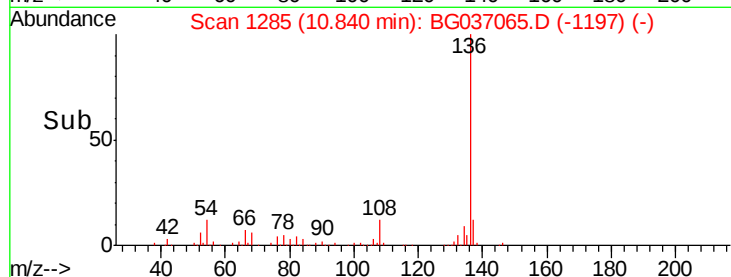
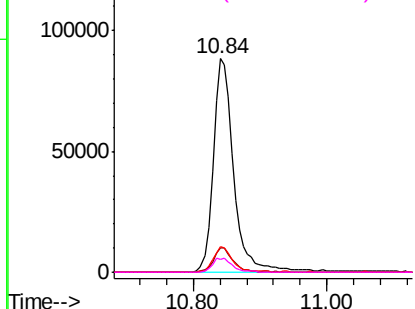
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Instrument :
BNA_G
ClientSampleId :
PB113331BS

Tgt Ion:	136	Resp:	190599
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	11.9	9.2	13.8
68	6.3	5.8	8.6

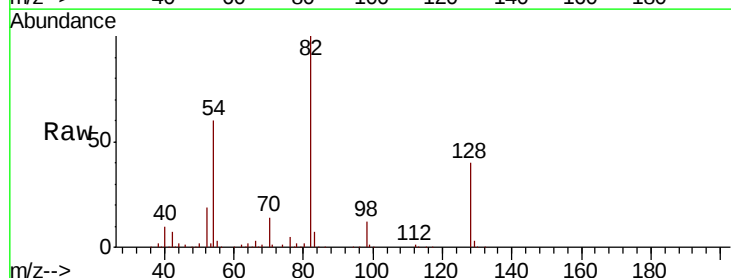


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

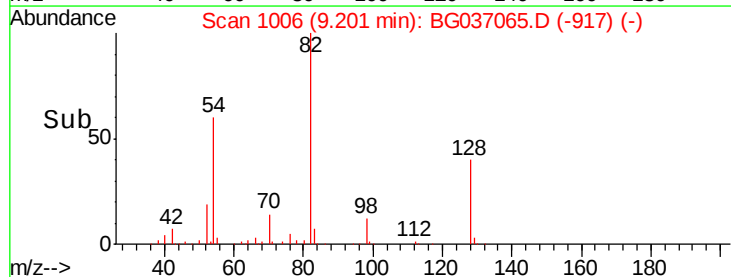
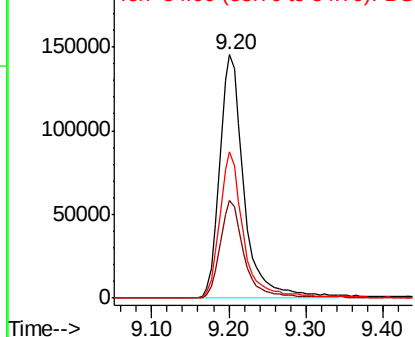


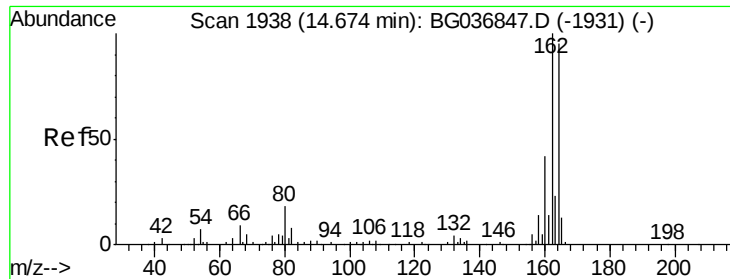
#23
Nitrobenzene-d5
Concen: 89.528 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Tgt Ion:	82	Resp:	318650
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	60.0	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

Instrument :

BNA_G

ClientSampleId :

PB113331BS

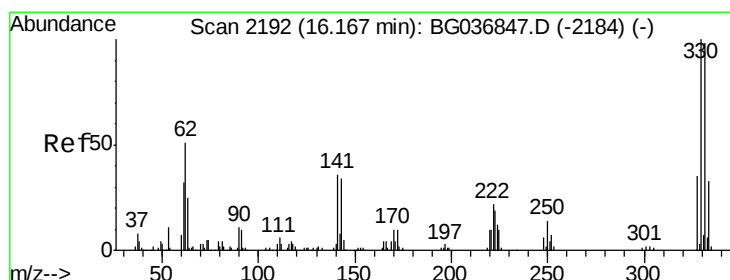
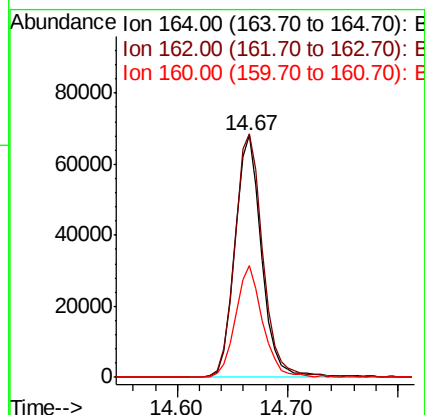
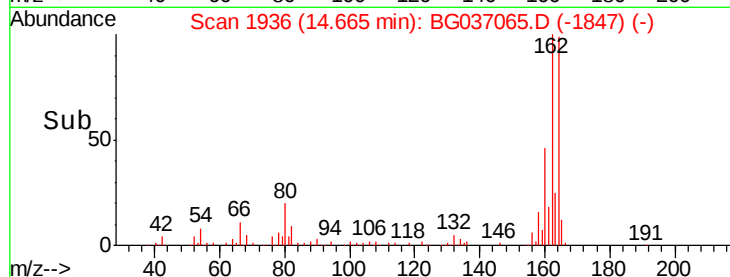
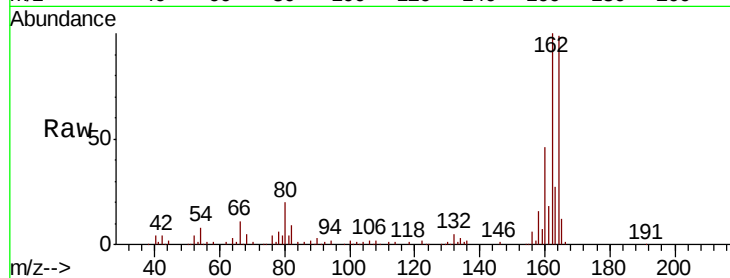
Tgt Ion:164 Resp: 115185

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

160 46.1 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 123.654 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037065.D

Acq: 29 Sep 2018 00:54

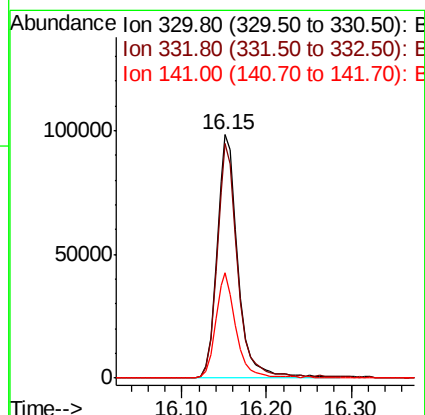
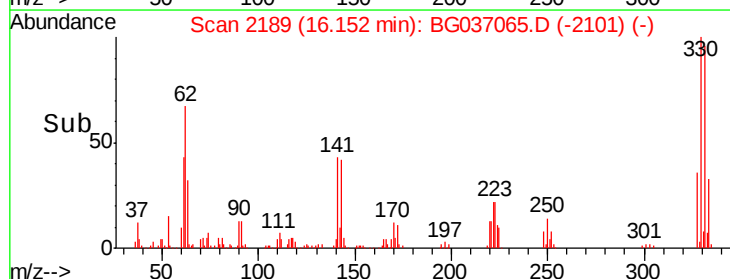
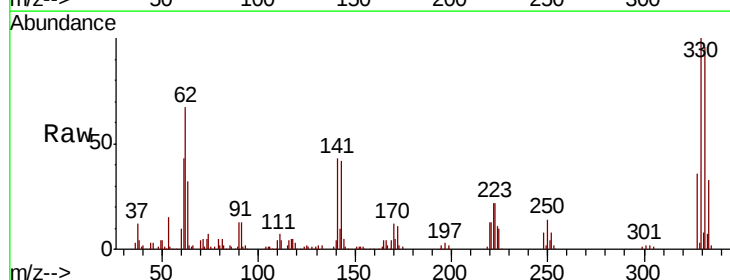
Tgt Ion:330 Resp: 170410

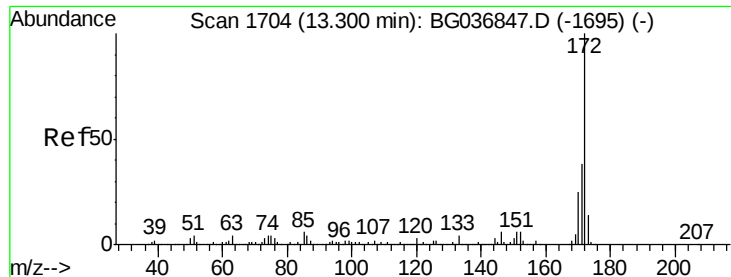
Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

141 41.9 30.7 46.1

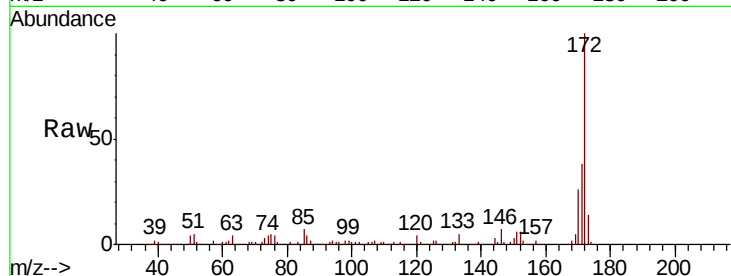




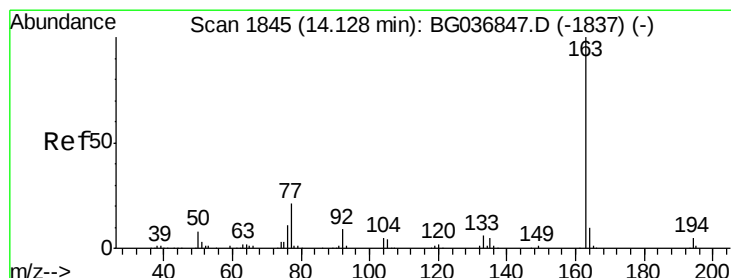
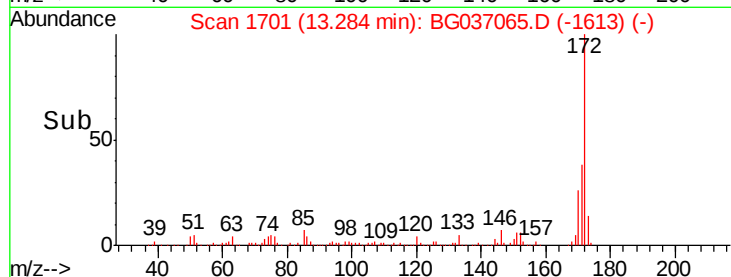
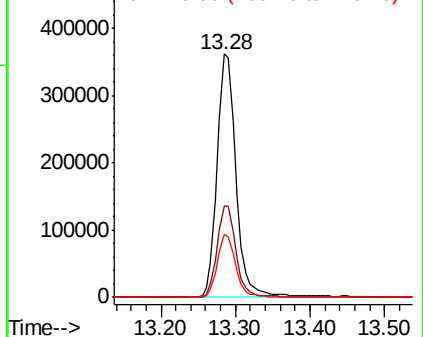
#44
2-Fluorobiphenyl
Concen: 83.014 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Instrument :
BNA_G
ClientSampleId :
PB113331BS

Tgt Ion:172 Resp: 642006
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.9 21.0 31.6

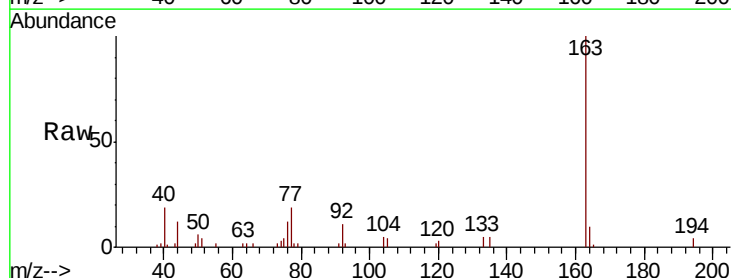


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

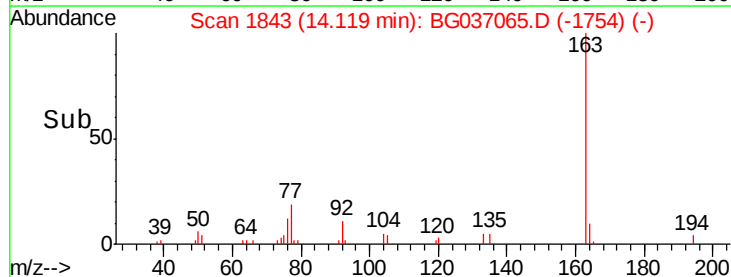
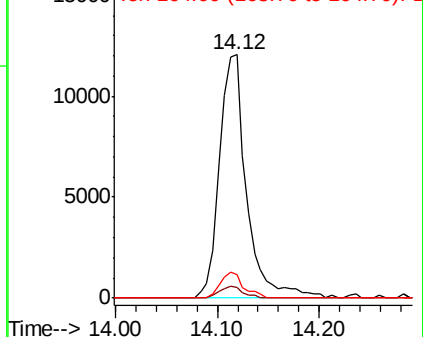


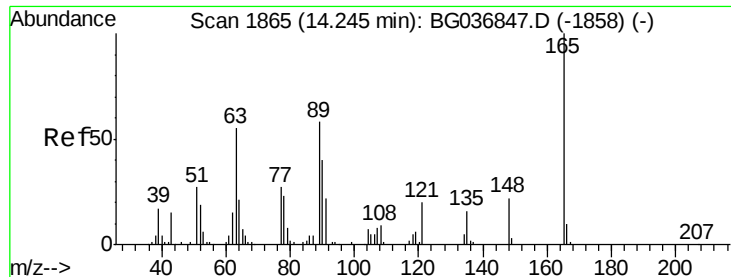
#49
Dimethylphthalate
Concen: 2.421 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Tgt Ion:163 Resp: 22448
Ion Ratio Lower Upper
163 100
194 4.4 4.0 6.0
164 9.6 8.1 12.1



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

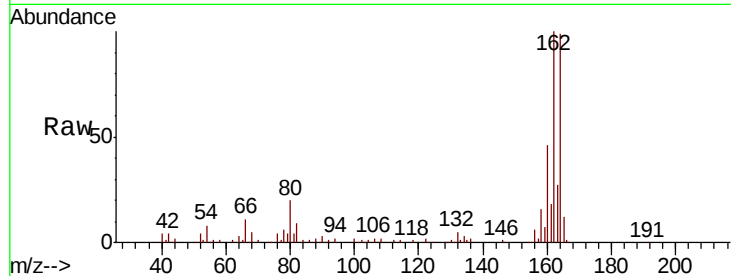




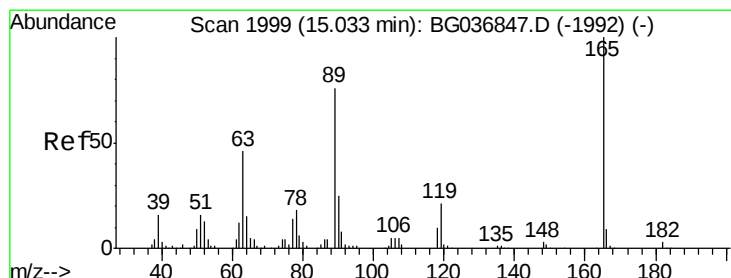
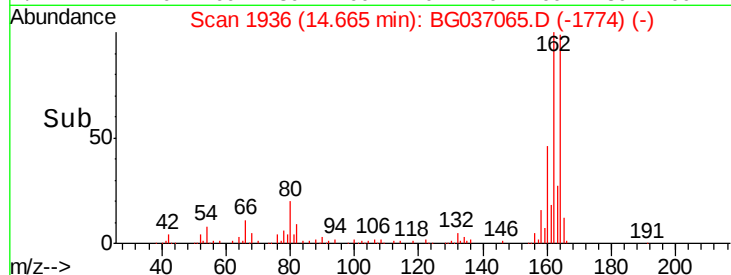
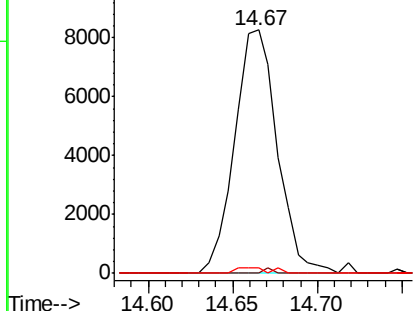
#50
 2,6-Dinitrotoluene
 Concen: 7.155 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037065.D
 Acq: 29 Sep 2018 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BS

Tgt Ion:165 Resp: 14474
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.4 47.8 71.6#

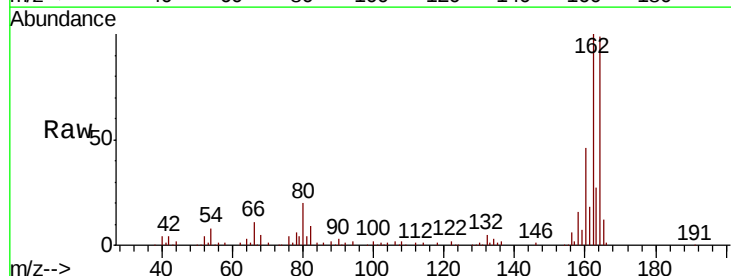


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

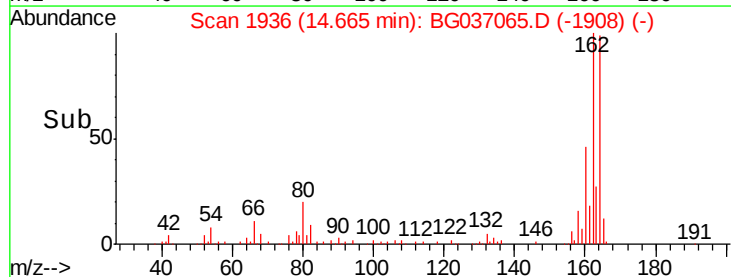
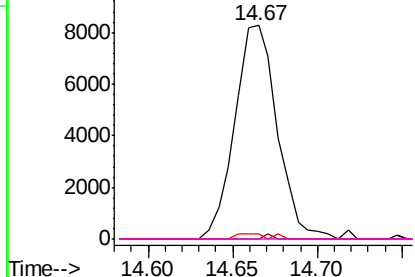


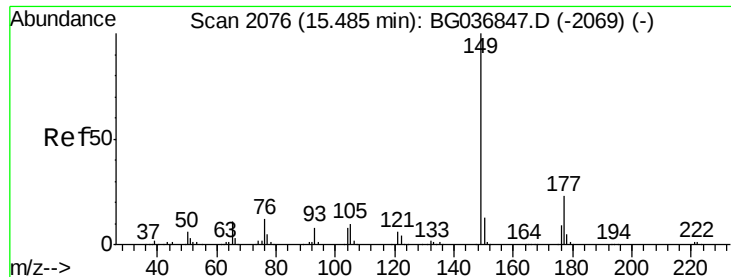
#56
 2,4-Dinitrotoluene
 Concen: 5.128 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037065.D
 Acq: 29 Sep 2018 00:54

Tgt Ion:165 Resp: 14474
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 2.4 63.7 95.5#
 182 0.0 2.5 3.7#



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

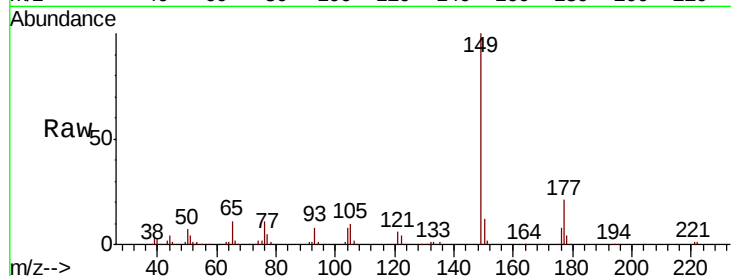




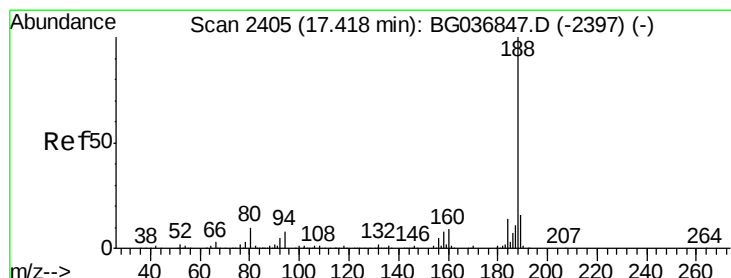
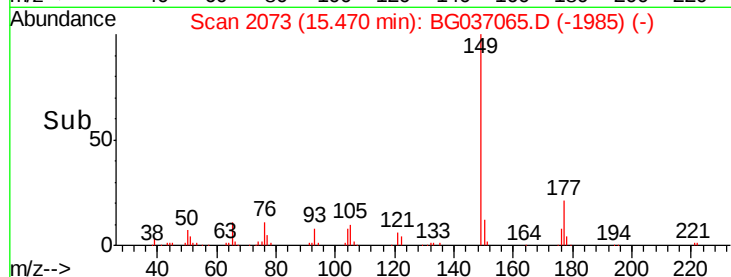
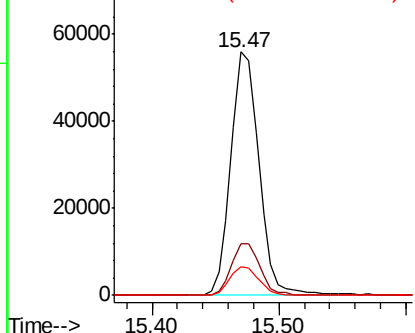
#59
Diethylphthalate
Concen: 9.190 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.02 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Instrument :
BNA_G
ClientSampleId :
PB113331BS

Tgt Ion:149 Resp: 85942
Ion Ratio Lower Upper
149 100
177 21.3 19.1 28.7
150 11.9 10.7 16.1

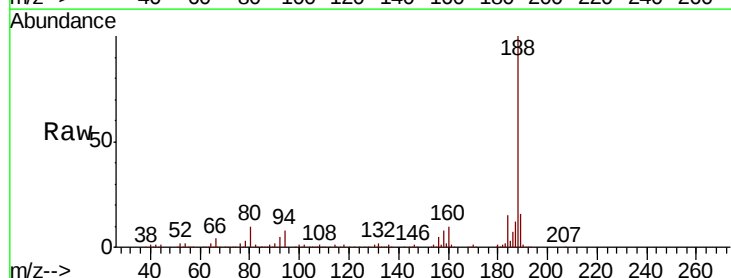


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

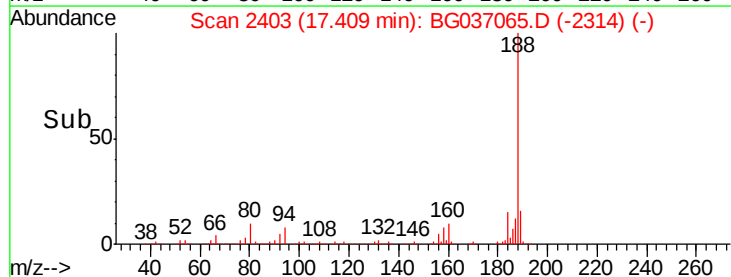
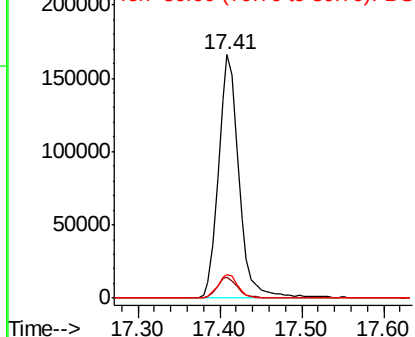


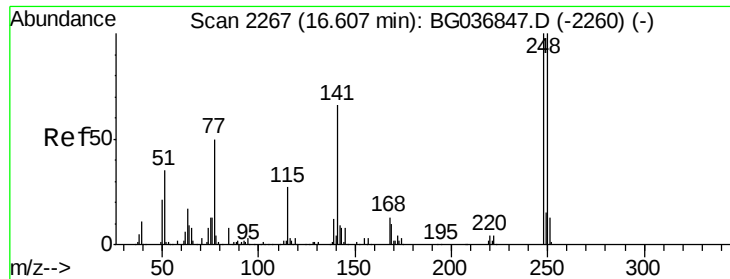
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Tgt Ion:188 Resp: 288584
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.8 8.1 12.1



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

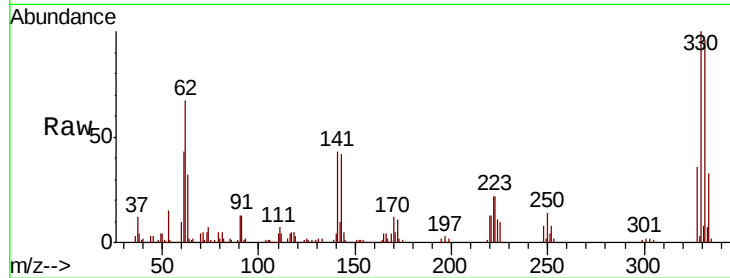




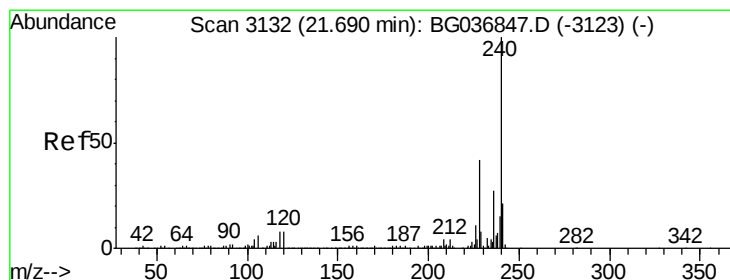
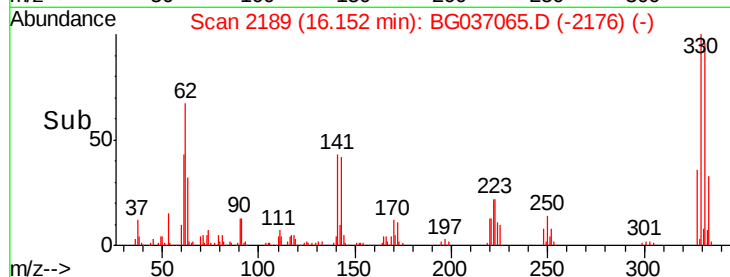
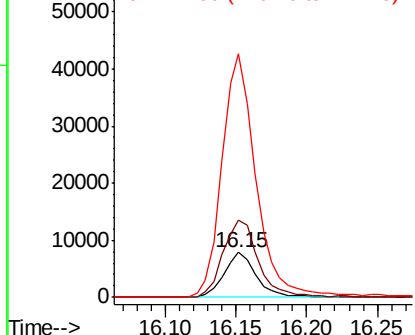
#66
 4-Bromophenyl-phenylether
 Concen: 3.784 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037065.D
 Acq: 29 Sep 2018 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BS

Tgt Ion:248 Resp: 12420
 Ion Ratio Lower Upper
 248 100
 250 170.1 78.1 117.1#
 141 539.2 53.7 80.5#

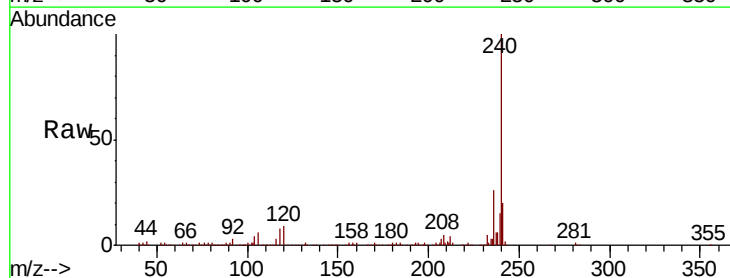


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

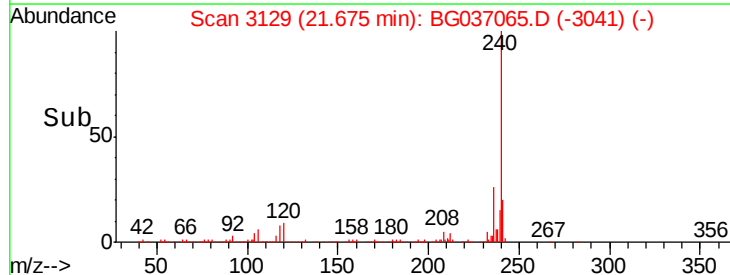
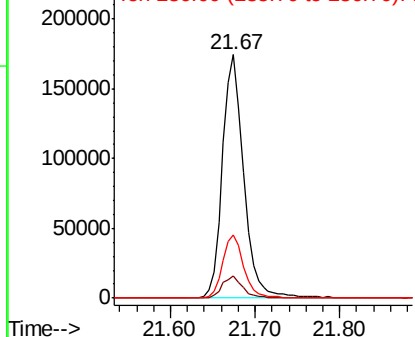


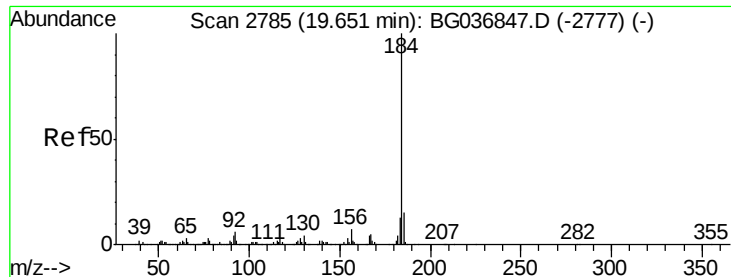
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037065.D
 Acq: 29 Sep 2018 00:54

Tgt Ion:240 Resp: 304293
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.9 10.3
 236 25.9 21.2 31.8



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

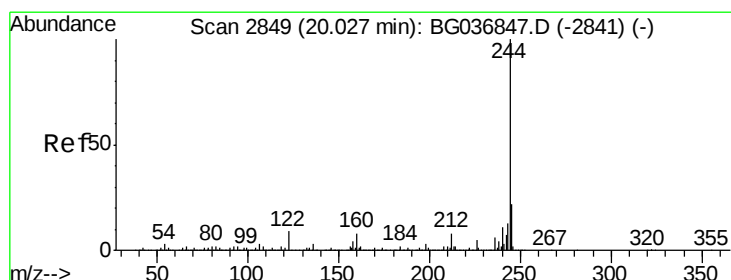
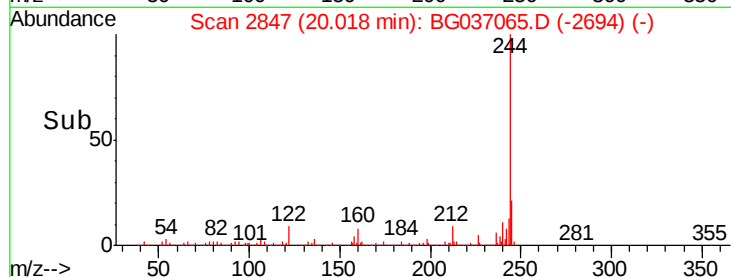
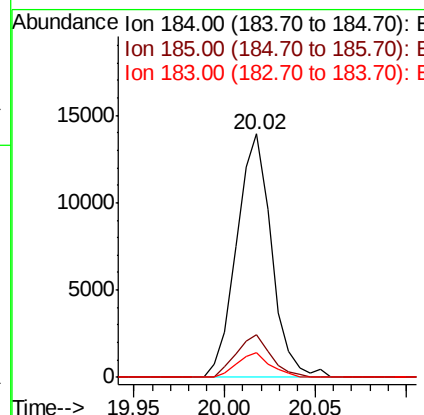
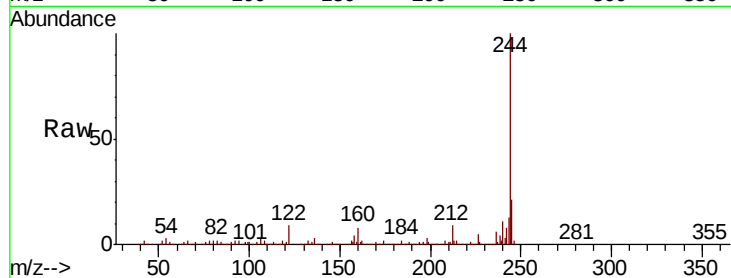




#76
Benzidine
Concen: 2.024 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

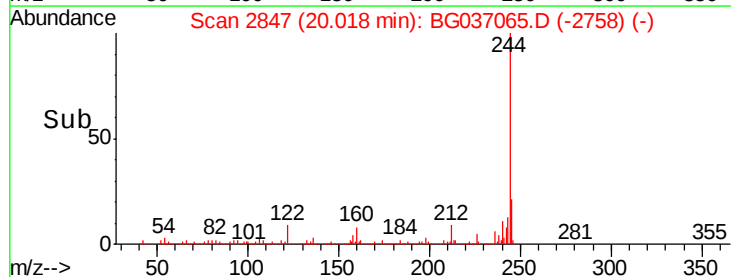
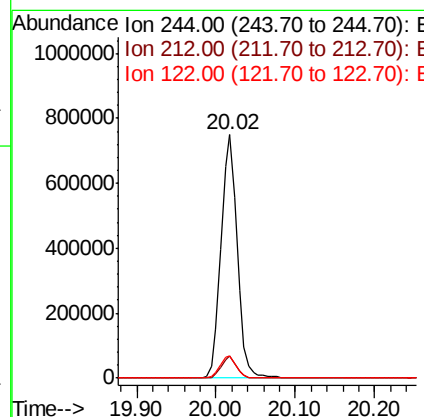
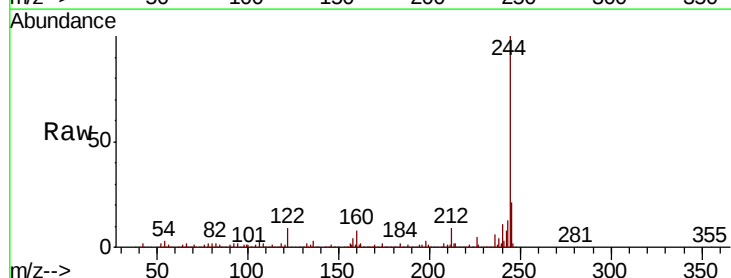
Instrument :
BNA_G
ClientSampleId :
PB113331BS

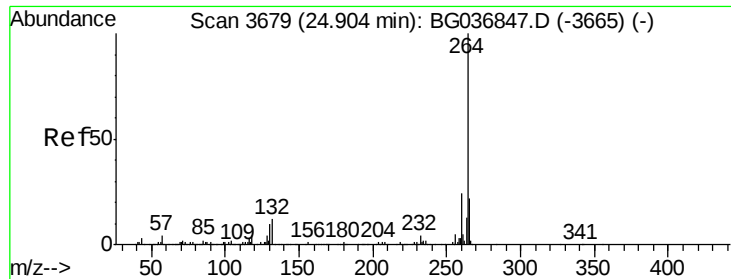
Tgt Ion:184 Resp: 18621
Ion Ratio Lower Upper
184 100
185 17.4 12.6 18.8
183 10.3 10.9 16.3#



#78
Terphenyl-d14
Concen: 92.197 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Tgt Ion:244 Resp: 1066936
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 9.2 7.1 10.7

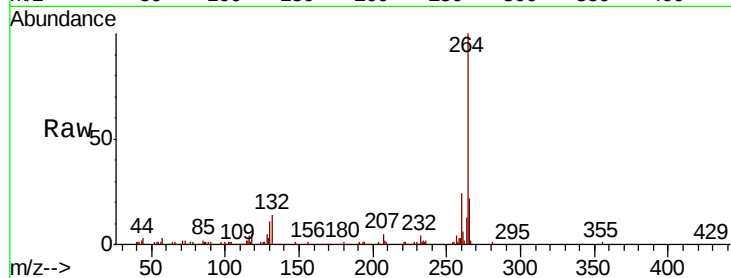




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037065.D
Acq: 29 Sep 2018 00:54

Instrument :
BNA_G
ClientSampleId :
PB113331BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.6	17.4	26.0



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

