

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100418\
 Data File : BG037152.D
 Acq On : 4 Oct 2018 8:49
 Operator : JU/SJ
 Sample : J5198-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-A

Quant Time: Oct 04 09:29:47 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

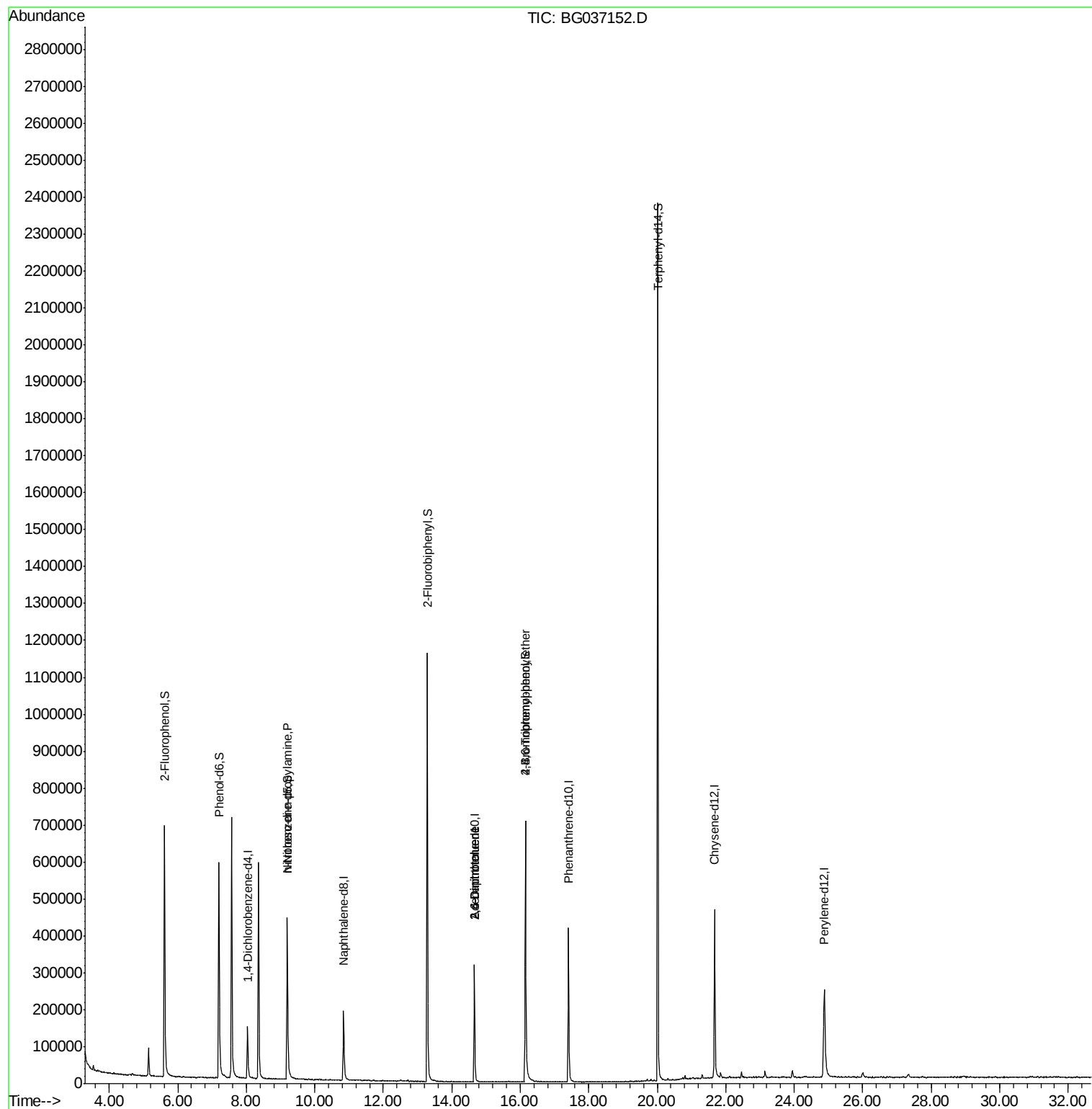
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	197027	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	118320	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307648	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	329879	20.00	ng	-0.02
86) Perylene-d12	24.87	264	310806	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321647	128.81	ng	0.00
7) Phenol-d6	7.20	99	386278	99.98	ng	-0.01
23) Nitrobenzene-d5	9.20	82	328034	89.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	156720	110.71	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	672165	84.61	ng	-0.02
78) Terphenyl-d14	20.02	244	1143154	91.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	43748	13.612	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	14835	7.139	ng	# 24
56) 2,4-Dinitrotoluene	14.66	165	14835	5.116	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	10905	3.116	ng	# 1

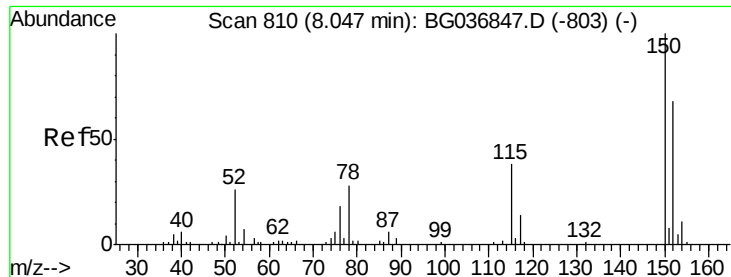
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

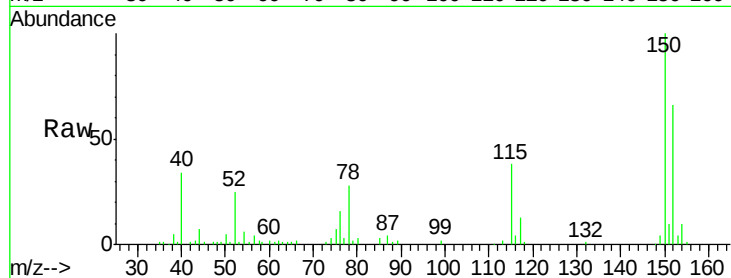
Tgt Ion:152 Resp: 47888

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

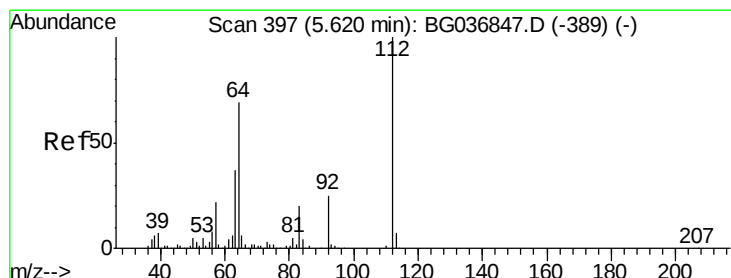
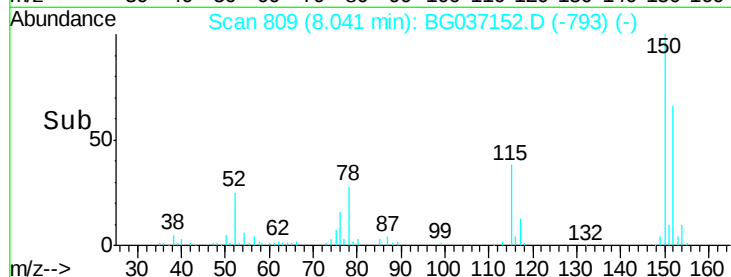
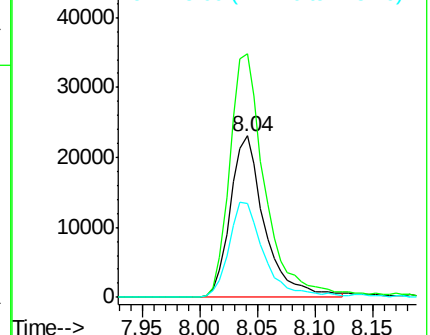
115 58.0 44.5 66.7



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: 128.811 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

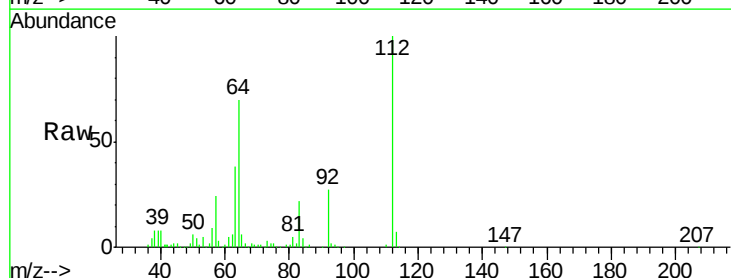
Tgt Ion:112 Resp: 321647

Ion Ratio Lower Upper

112 100

64 70.1 57.2 85.8

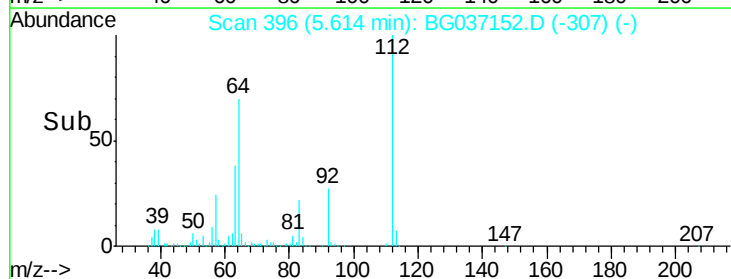
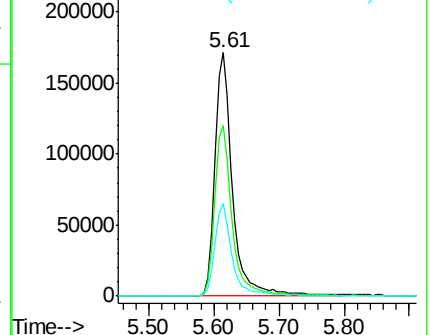
63 38.2 30.8 46.2

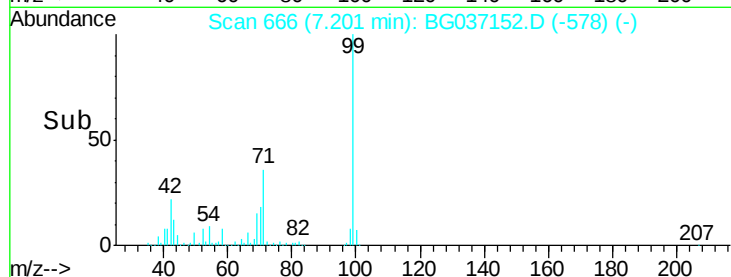
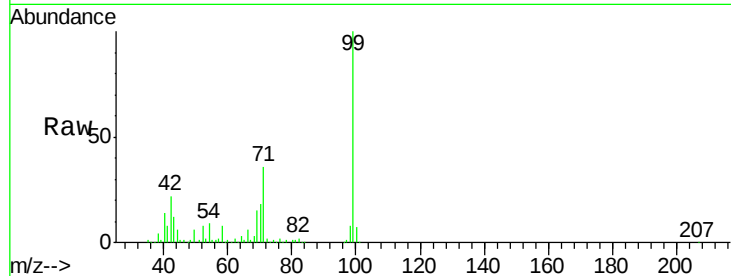
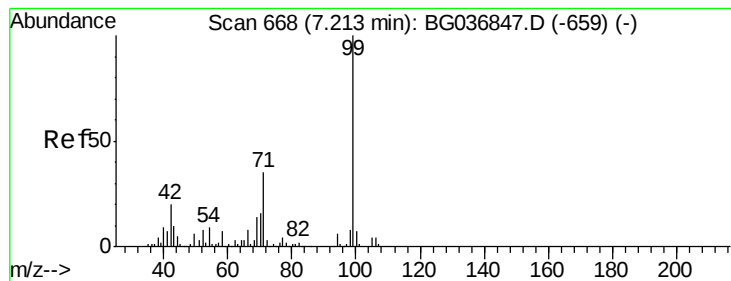


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.985 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

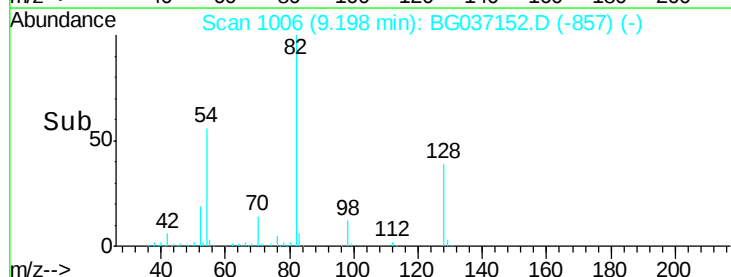
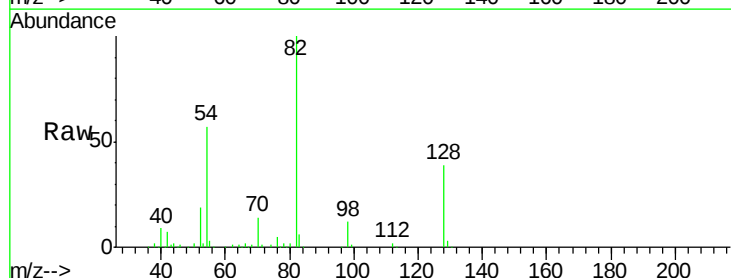
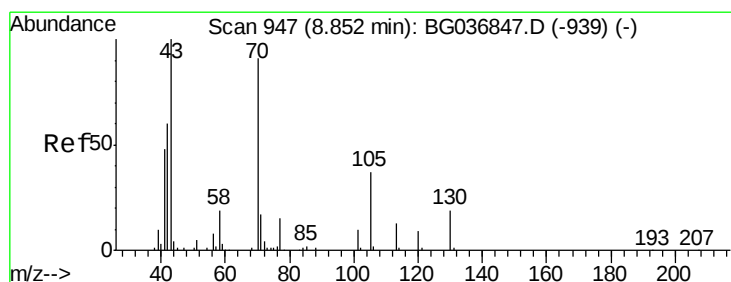
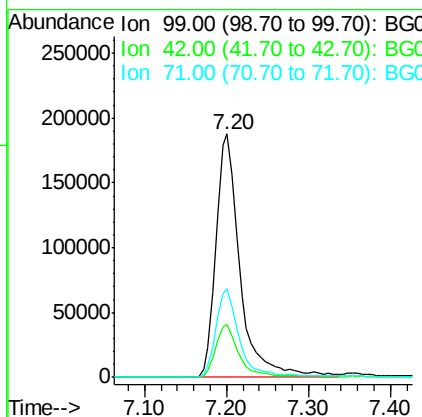
Tgt Ion: 99 Resp: 386278

Ion Ratio Lower Upper

99 100

42 21.7 16.5 24.7

71 36.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.612 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Tgt Ion: 70 Resp: 43748

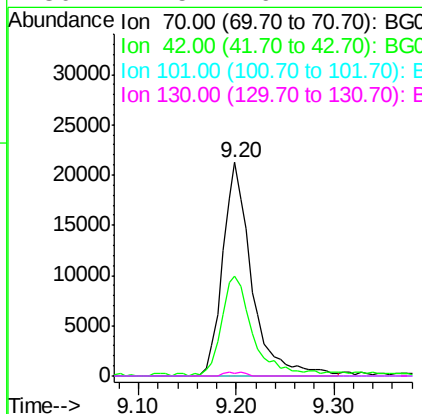
Ion Ratio Lower Upper

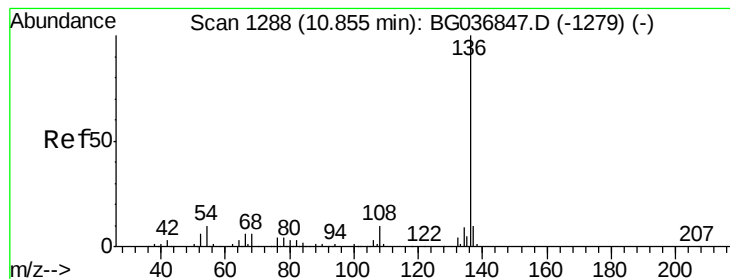
70 100

42 46.8 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

Tgt Ion: 136 Resp: 197027

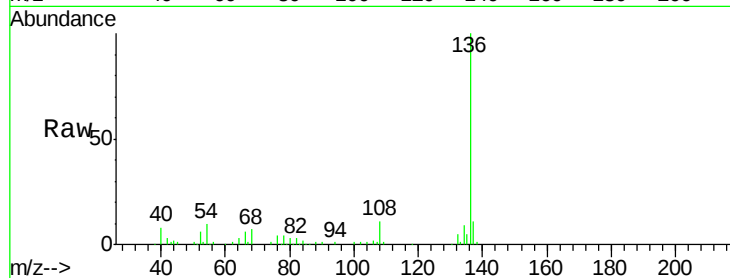
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.5 9.2 13.8

68 7.3 5.8 8.6

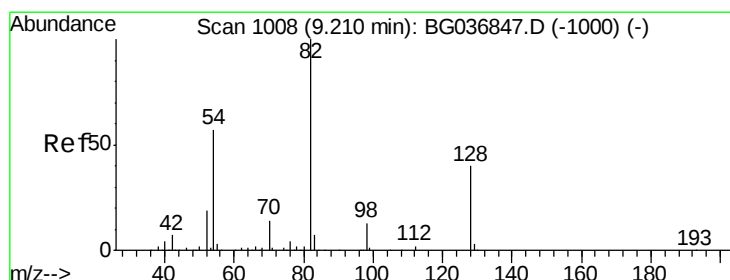
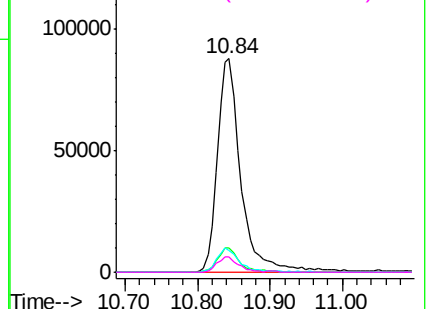
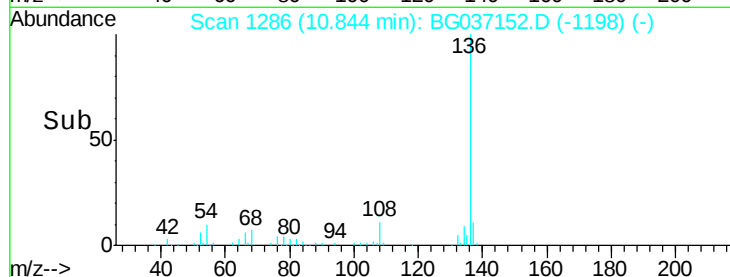


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.158 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

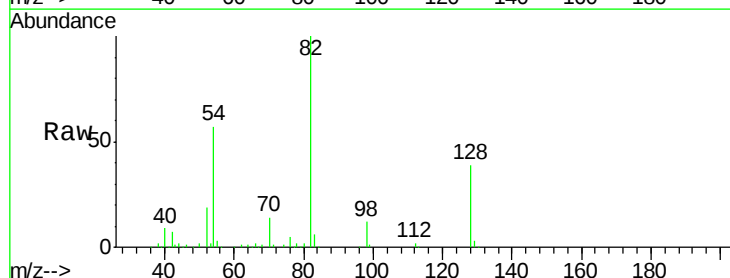
Tgt Ion: 82 Resp: 328034

Ion Ratio Lower Upper

82 100

128 39.1 33.3 49.9

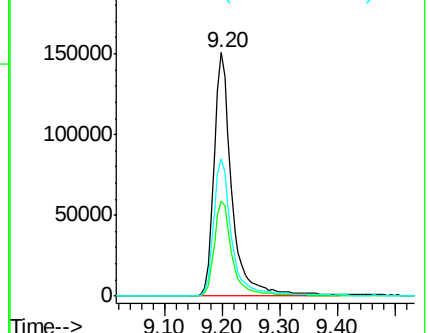
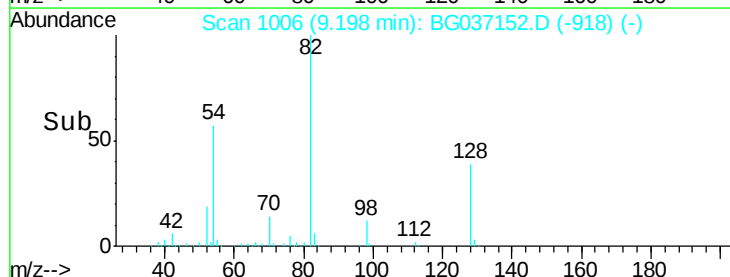
54 56.6 45.1 67.7

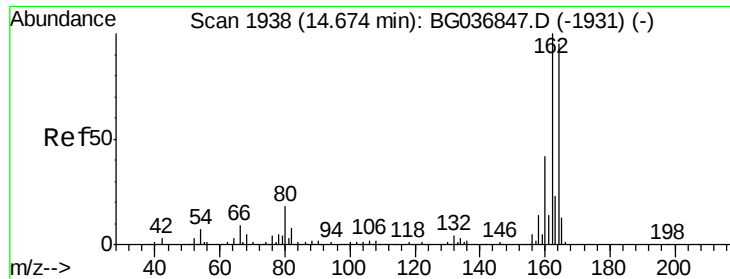


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

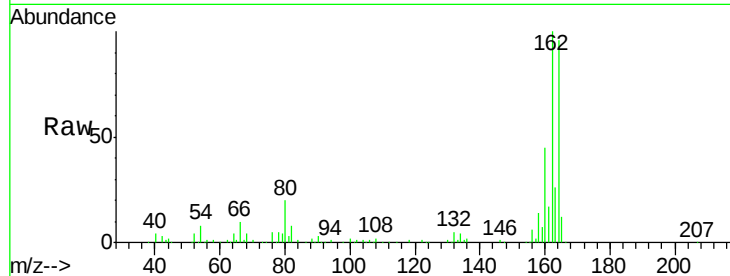




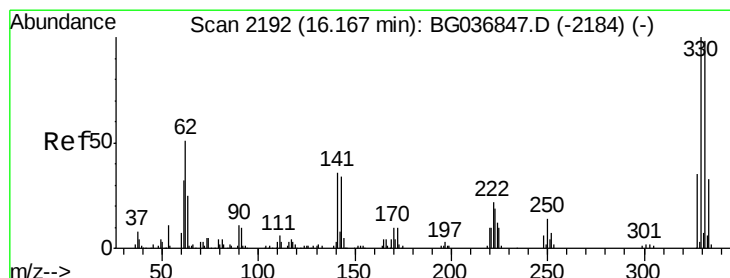
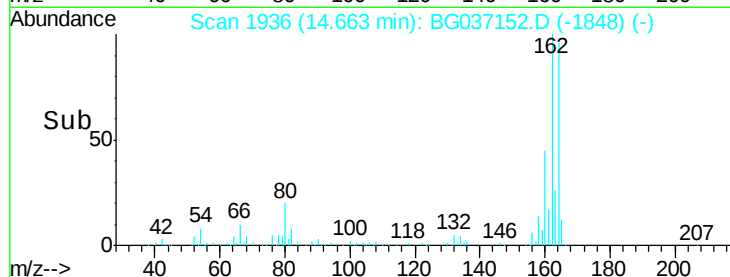
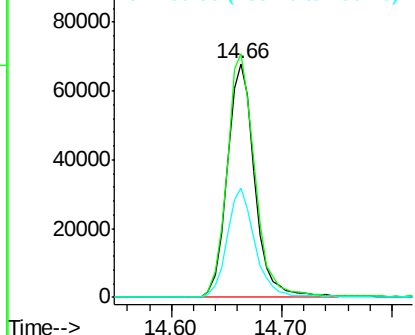
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-A

Tgt Ion:164 Resp: 118320
Ion Ratio Lower Upper
164 100
162 104.1 80.7 121.1
160 46.8 35.3 52.9

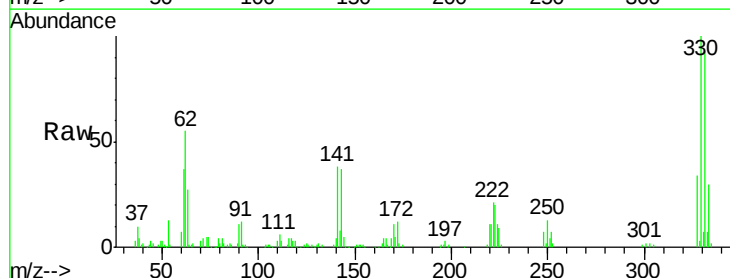


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

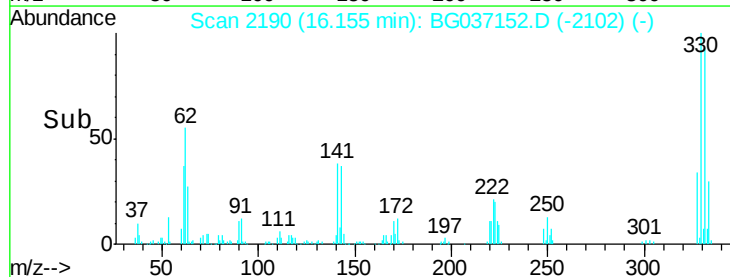
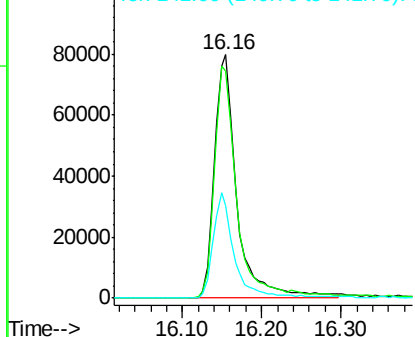


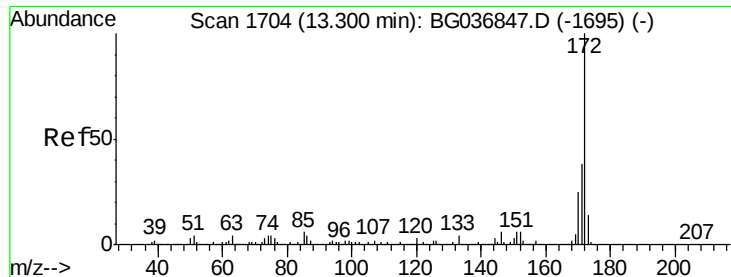
#41
2,4,6-Tribromophenol
Concen: 110.707 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

Tgt Ion:330 Resp: 156720
Ion Ratio Lower Upper
330 100
332 96.3 75.4 113.2
141 40.6 30.7 46.1



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

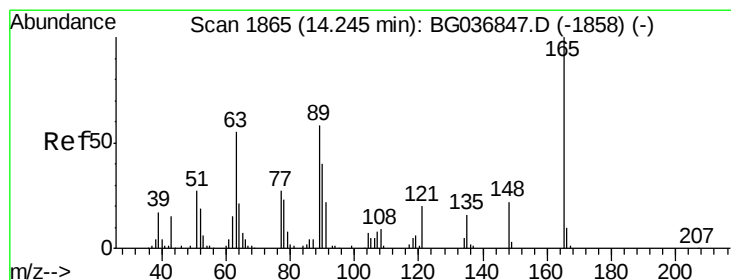
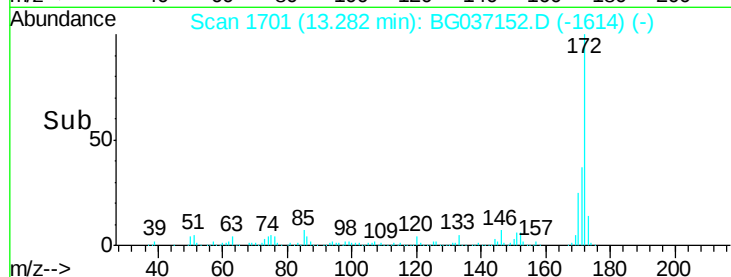
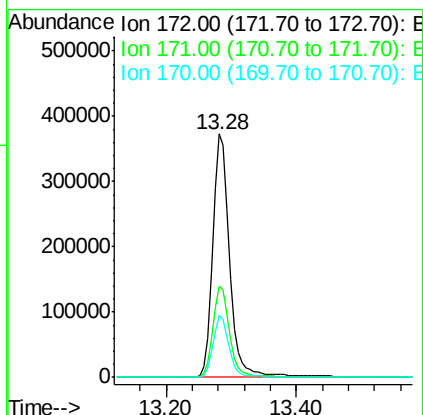
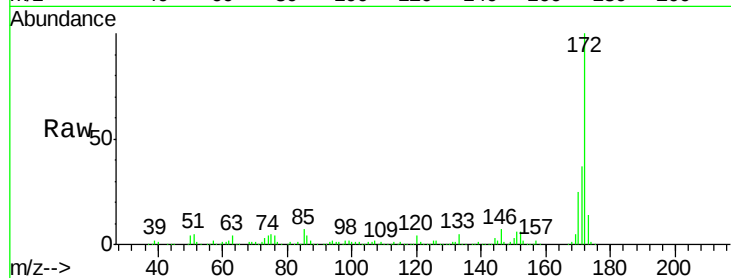




#44
 2-Fluorobiphenyl
 Concen: 84.611 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

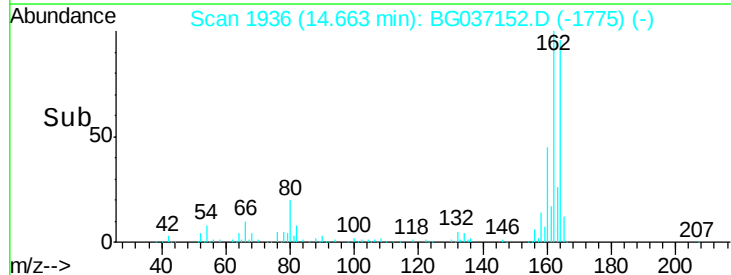
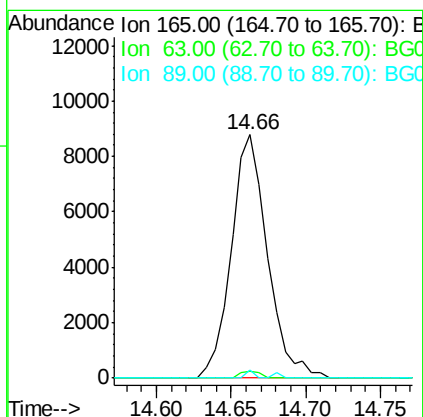
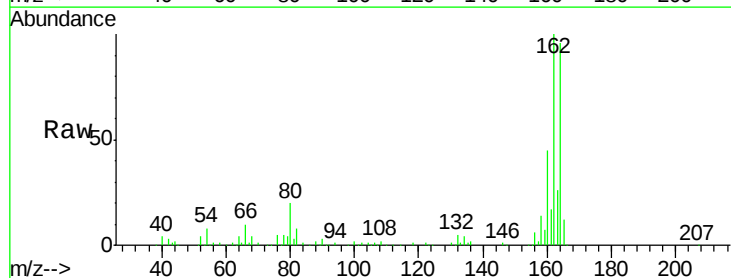
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-A

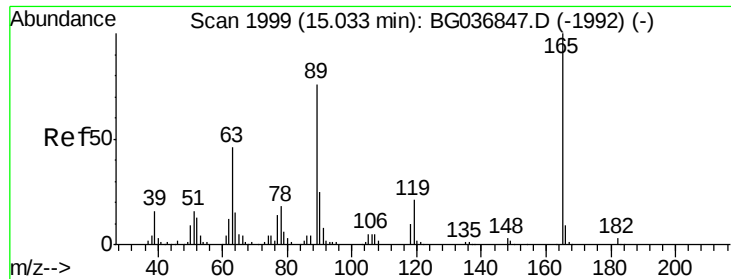
Tgt Ion:172 Resp: 672165
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.2 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.139 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

Tgt Ion:165 Resp: 14835
 Ion Ratio Lower Upper
 165 100
 63 2.7 50.1 75.1#
 89 3.2 47.8 71.6#

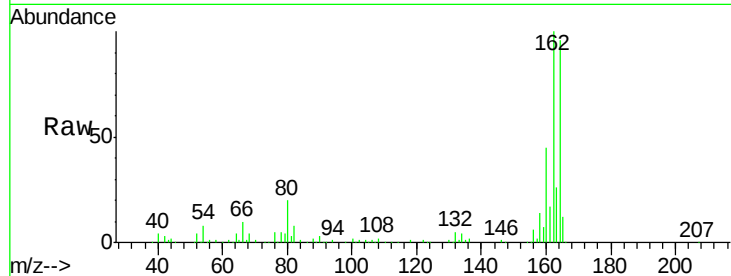




#56
2,4-Dinitrotoluene
Concen: 5.116 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	3.2	63.7	95.5#
182	0.0	2.5	3.7#

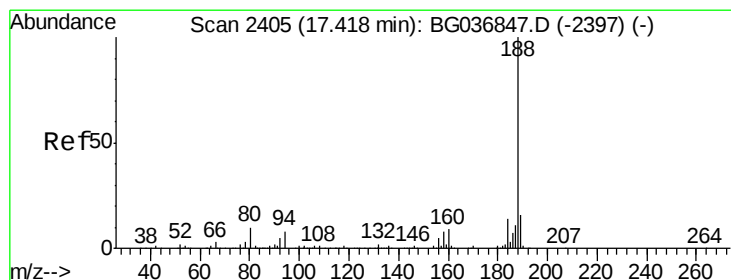
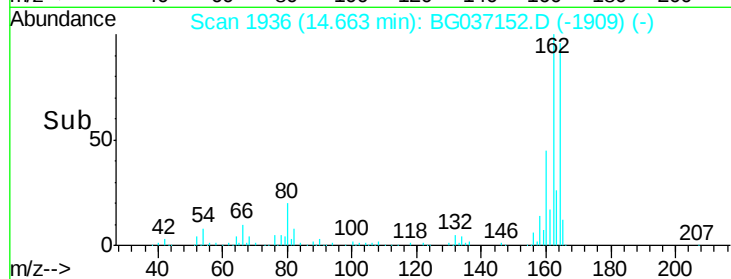
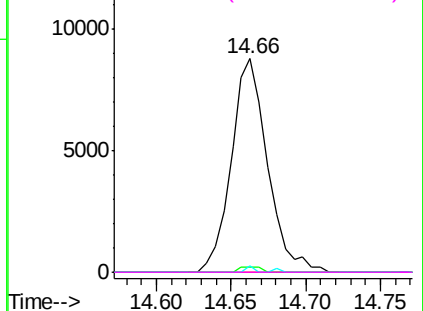


Abundance Ion 165.00 (164.70 to 165.70): E

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



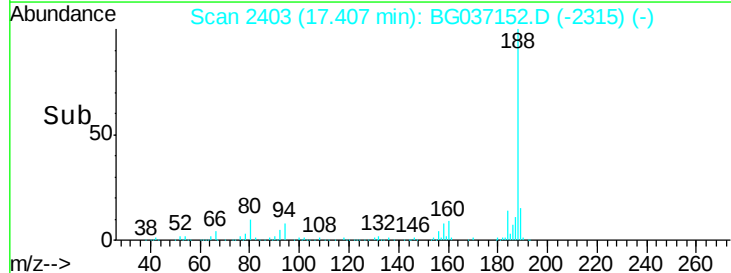
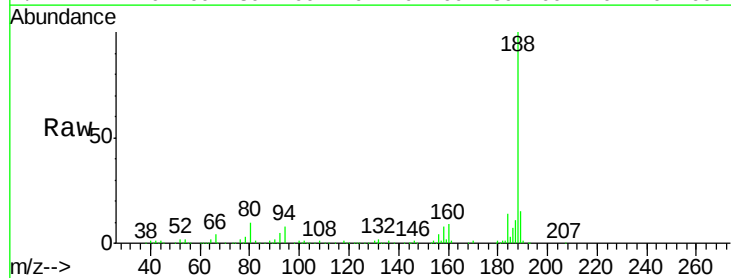
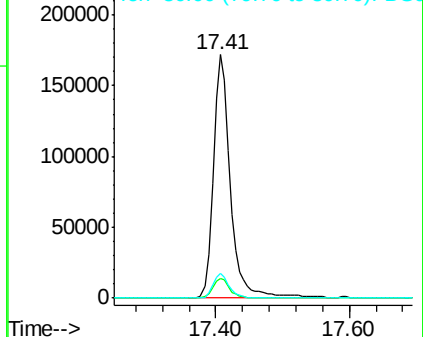
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

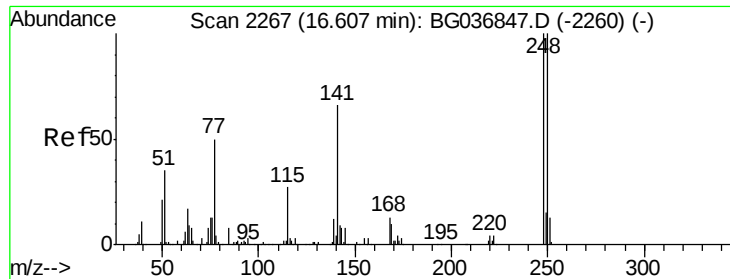
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.9	8.1	12.1

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

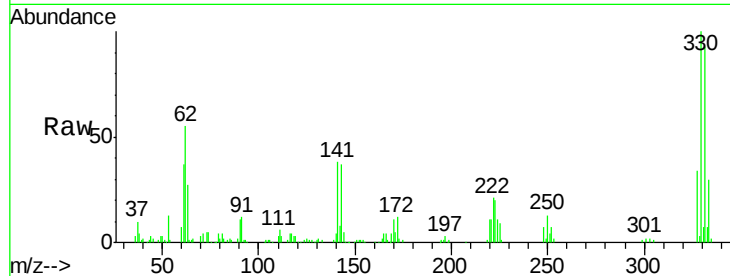




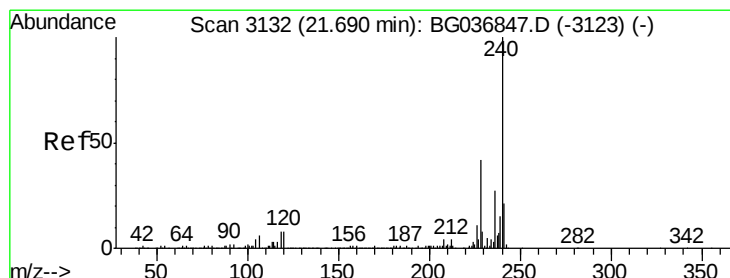
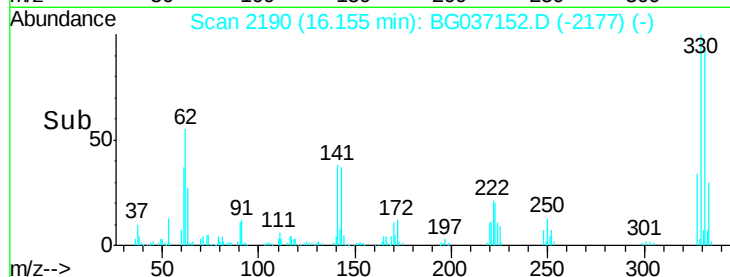
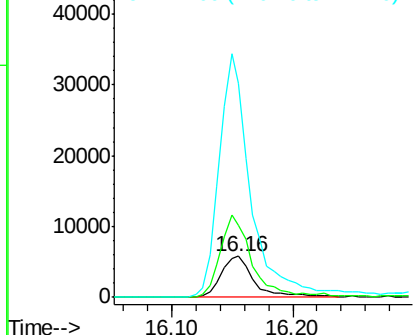
#66
 4-Bromophenyl-phenylether
 Concen: 3.116 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-A

Tgt Ion:248 Resp: 10905
 Ion Ratio Lower Upper
 248 100
 250 177.9 78.1 117.1#
 141 525.0 53.7 80.5#

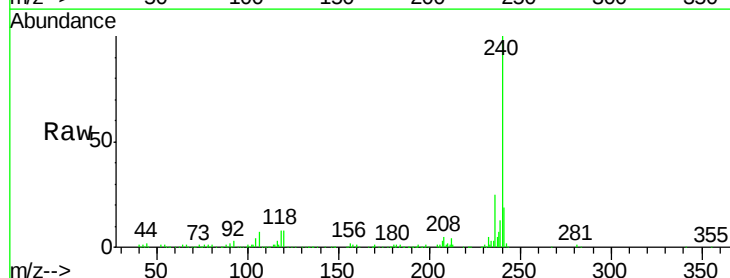


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

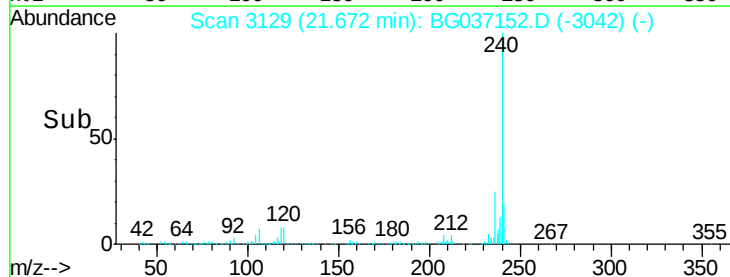
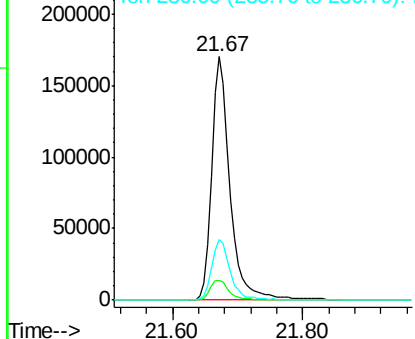


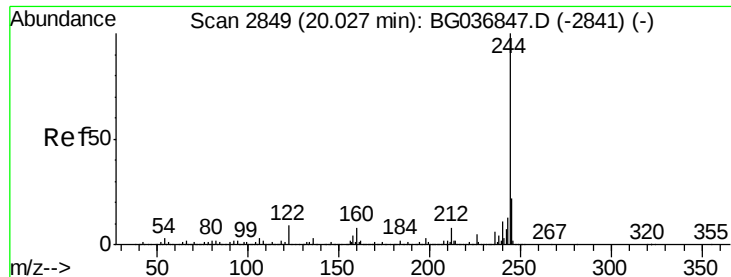
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

Tgt Ion:240 Resp: 329879
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.9 10.3
 236 25.1 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





#78

Terphenyl-d14

Concen: 91.122 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

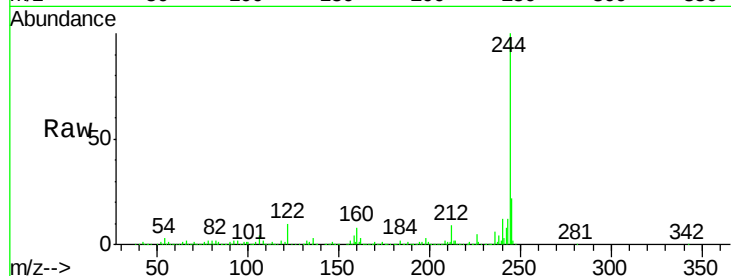
Tgt Ion:244 Resp: 1143154

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

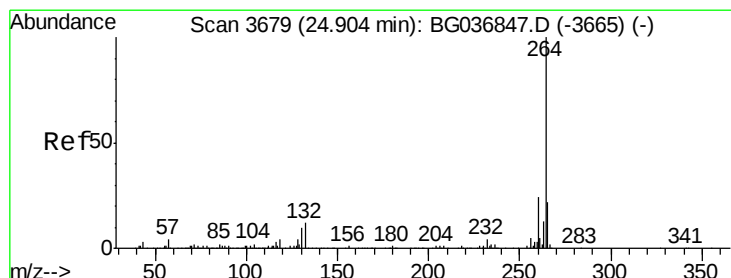
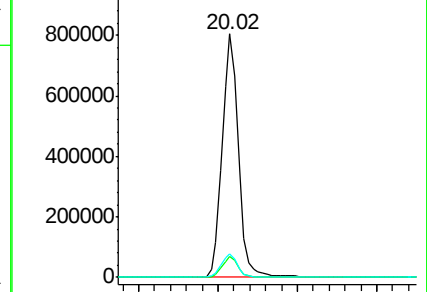
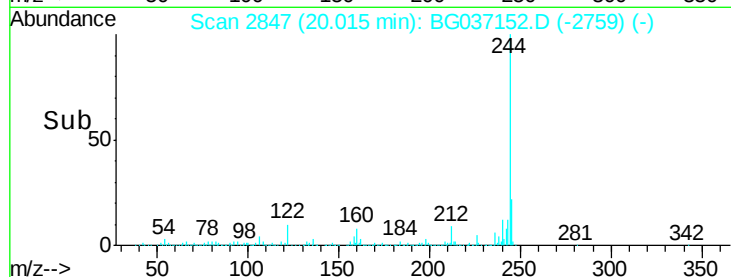
122 9.7 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

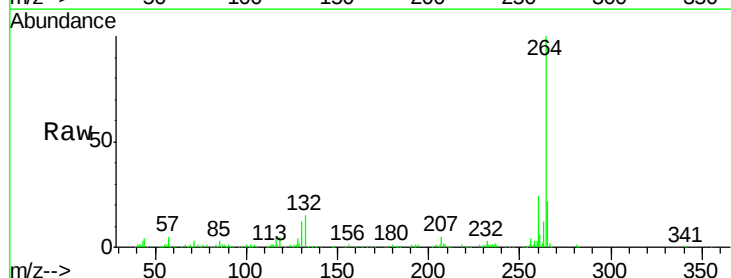
Tgt Ion:264 Resp: 310806

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.8 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

