

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037032.D
 Acq On : 28 Sep 2018 2:23
 Operator : JU/SJ
 Sample : PB113286BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BL

Quant Time: Sep 28 04:25:43 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

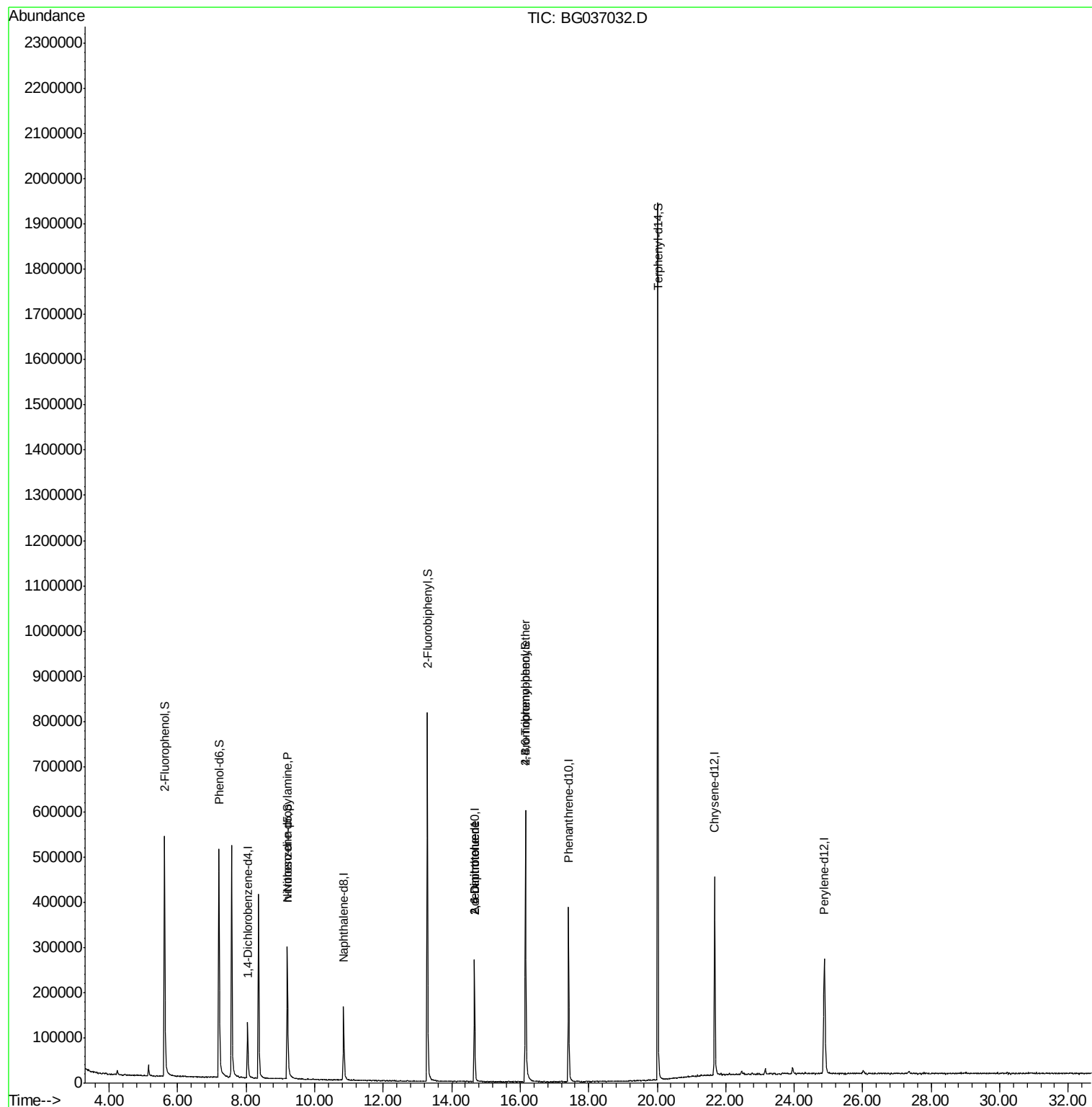
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41701	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	167932	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	103140	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	280727	20.00	ng	0.00
75) Chrysene-d12	21.68	240	312968	20.00	ng	-0.01
86) Perylene-d12	24.88	264	305003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	254909	117.23	ng	0.00
7) Phenol-d6	7.20	99	340010	101.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	224839	71.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	133200	107.94	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	491477	70.97	ng	-0.01
78) Terphenyl-d14	20.02	244	936127	78.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	29340	10.484	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	13160	7.265	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13161	5.207	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	8903	2.788	ng	# 1

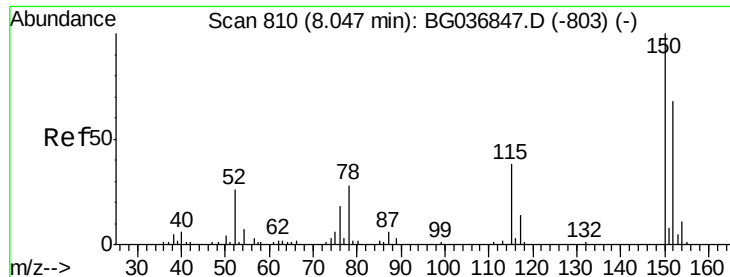
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

Instrument :

BNA_G

ClientSampleId :

PB113286BL

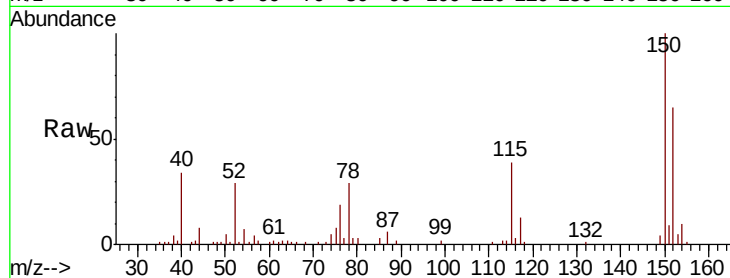
Tgt Ion:152 Resp: 41701

Ion Ratio Lower Upper

152 100

150 154.3 119.5 179.3

115 59.7 44.5 66.7

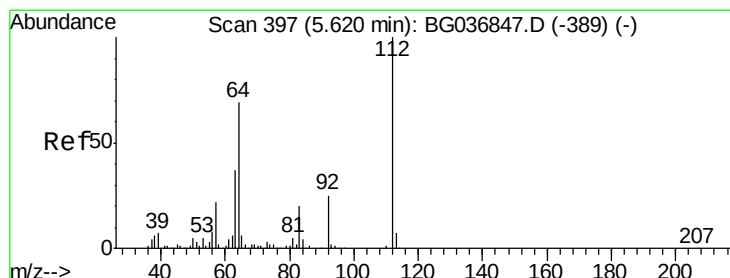
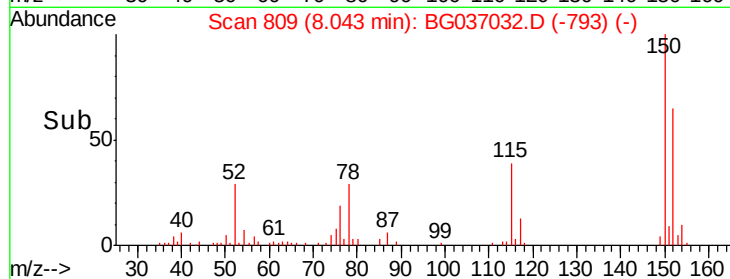
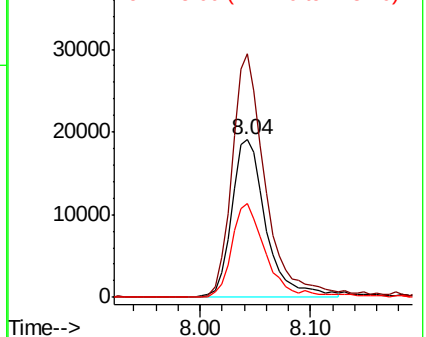


Abundance

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: 117.230 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

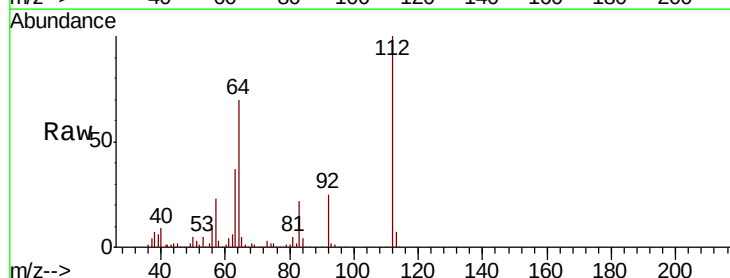
Tgt Ion:112 Resp: 254909

Ion Ratio Lower Upper

112 100

64 70.2 57.2 85.8

63 36.7 30.8 46.2

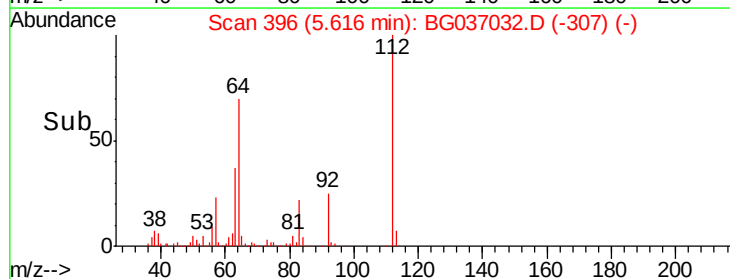
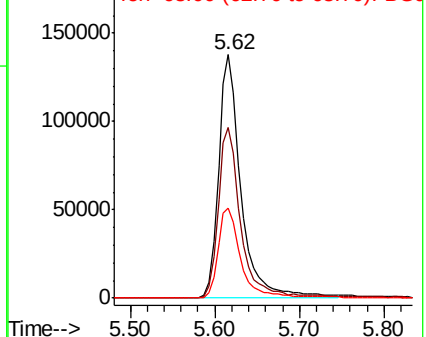


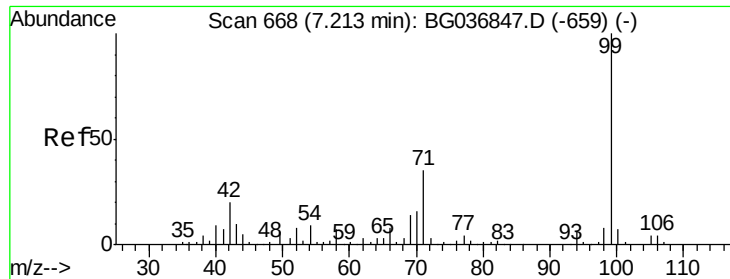
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.066 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

Instrument :

BNA_G

ClientSampleId :

PB113286BL

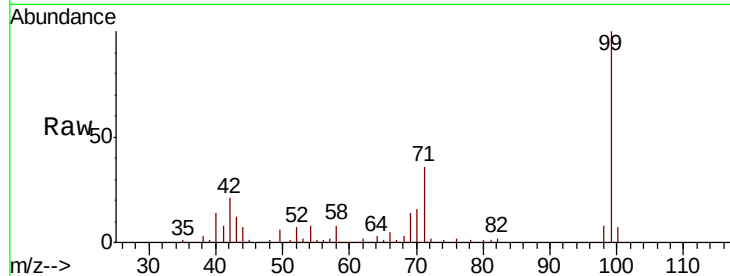
Tgt Ion: 99 Resp: 340010

Ion Ratio Lower Upper

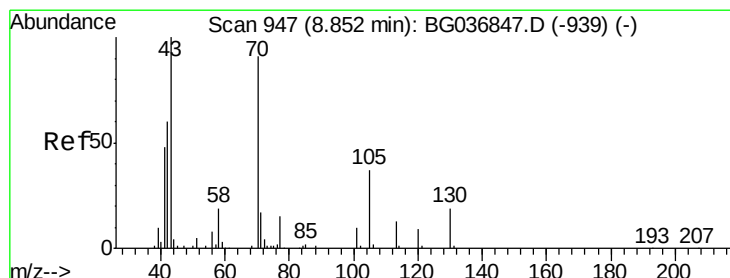
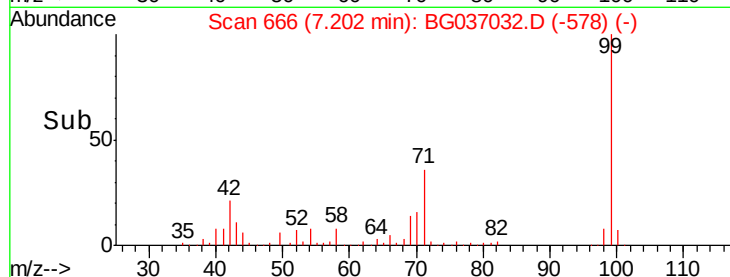
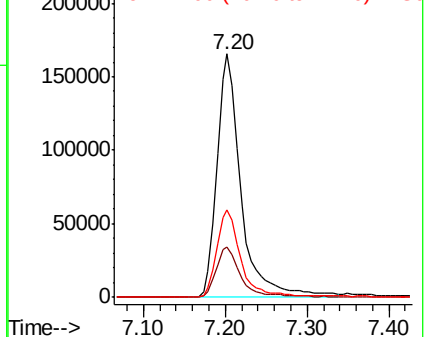
99 100

42 20.6 16.5 24.7

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.484 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

Tgt Ion: 70 Resp: 29340

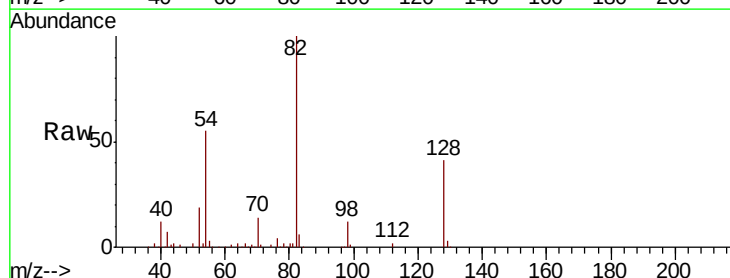
Ion Ratio Lower Upper

70 100

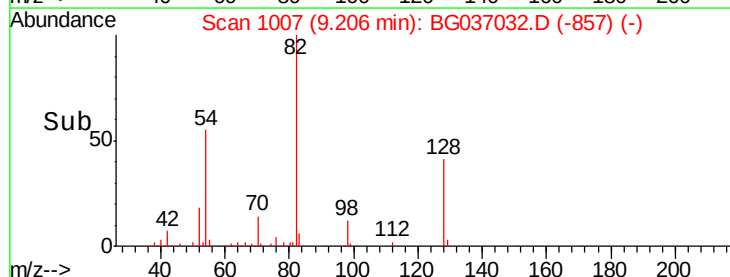
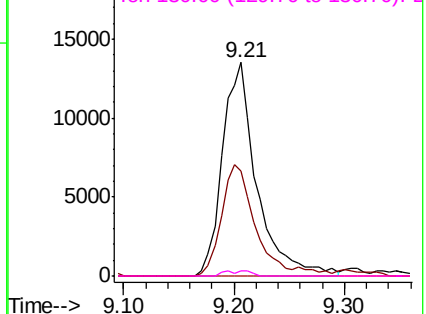
42 49.1 56.2 84.4#

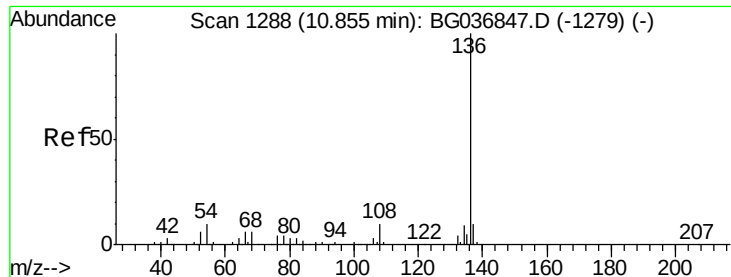
101 0.0 7.8 11.6#

130 2.5 16.2 24.2#



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

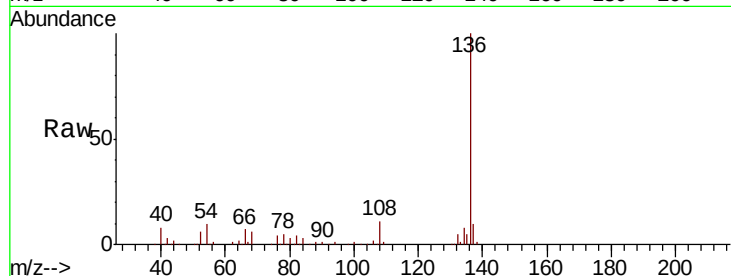




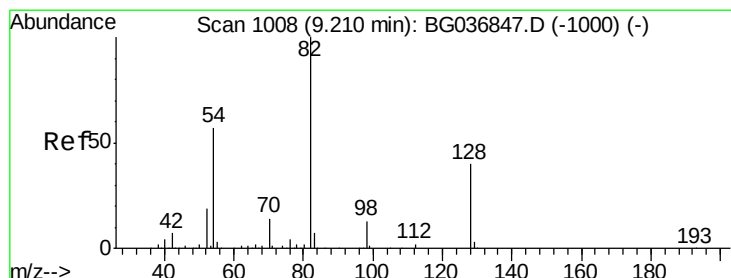
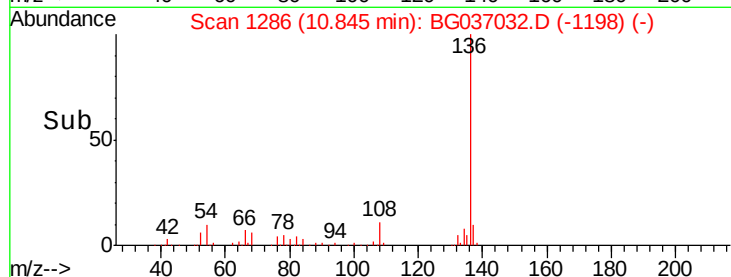
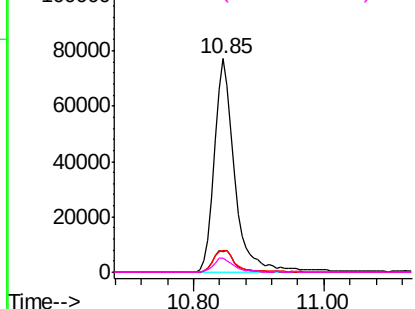
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037032.D
Acq: 28 Sep 2018 2:23

Instrument :
BNA_G
ClientSampleId :
PB113286BL

Tgt Ion:	136	Resp:	167932
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.8	13.2
54	10.5	9.2	13.8
68	6.5	5.8	8.6

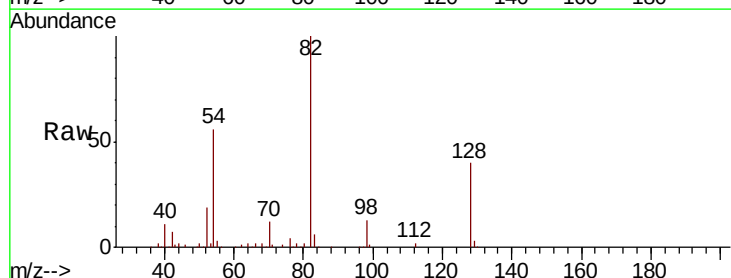


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

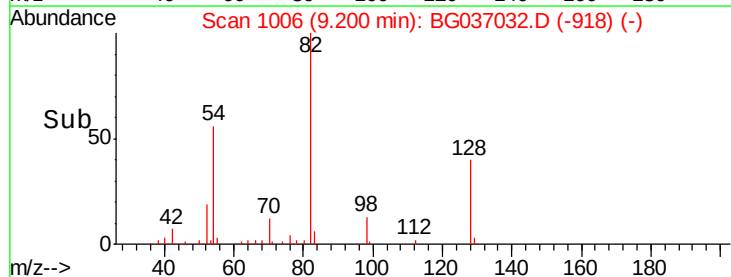
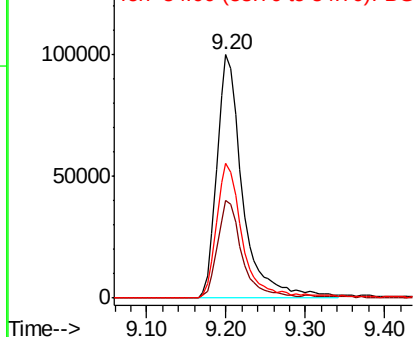


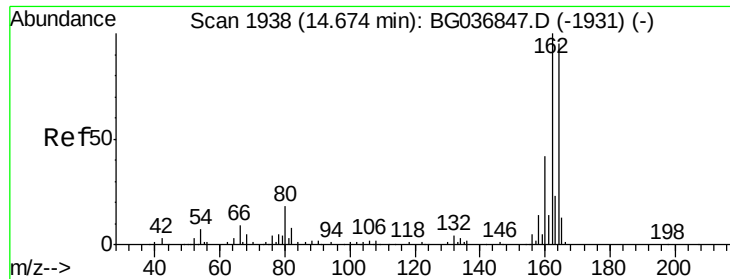
#23
Nitrobenzene-d5
Concen: 71.698 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037032.D
Acq: 28 Sep 2018 2:23

Tgt Ion:	82	Resp:	224839
Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	55.5	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
100000
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: BG037032.D

Acq: 28 Sep 2018 2:23

Instrument :

BNA_G

ClientSampleId :

PB113286BL

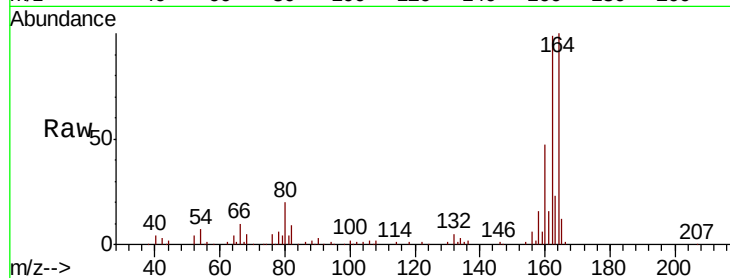
Tgt Ion:164 Resp: 103140

Ion Ratio Lower Upper

164 100

162 99.0 80.7 121.1

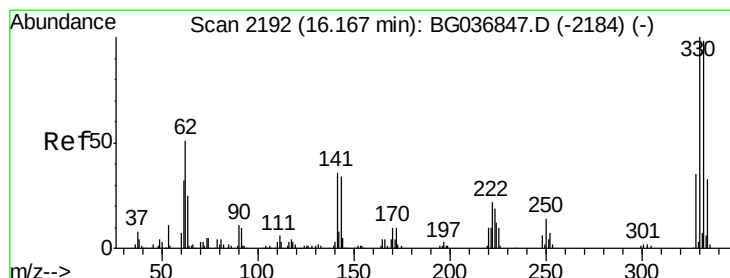
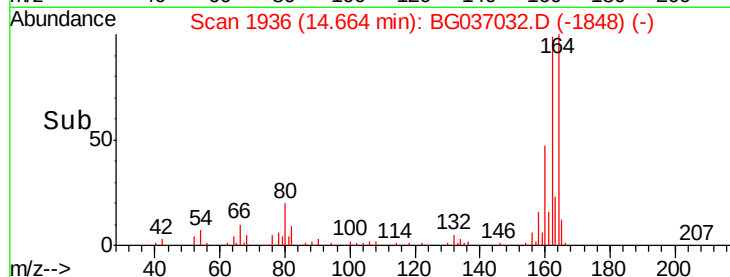
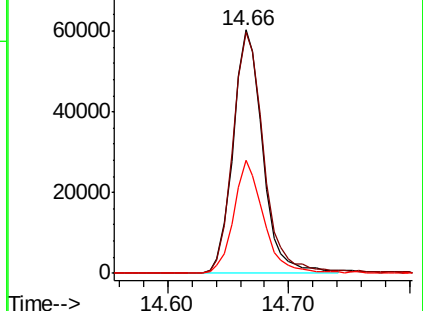
160 46.6 35.3 52.9



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: 107.941 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

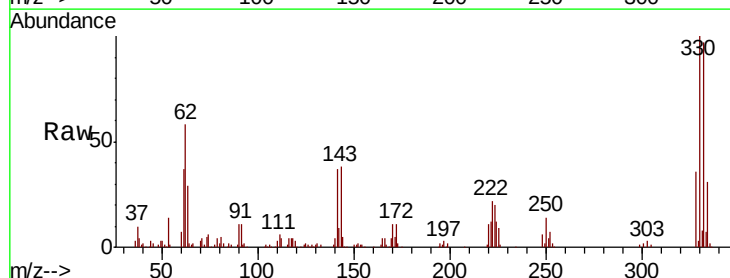
Tgt Ion:330 Resp: 133200

Ion Ratio Lower Upper

330 100

332 98.0 75.4 113.2

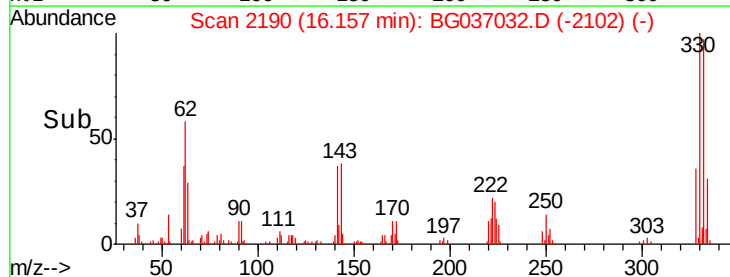
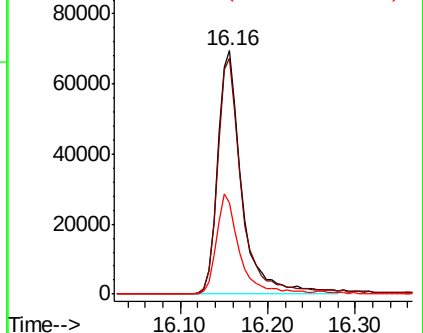
141 39.4 30.7 46.1

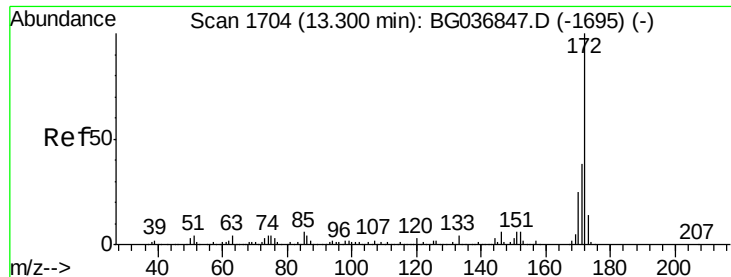


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

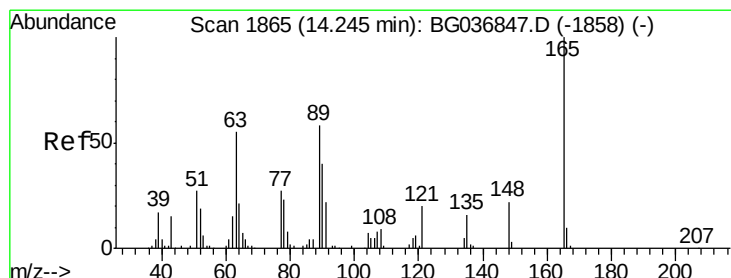
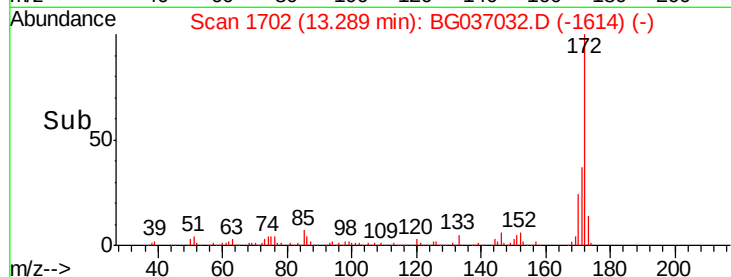
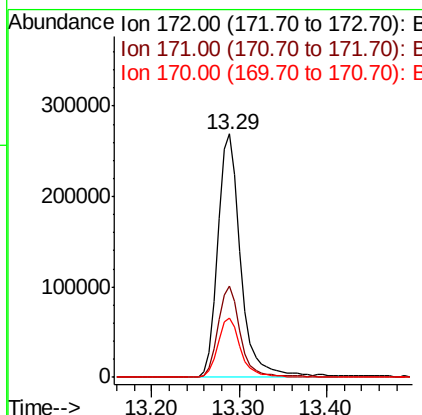
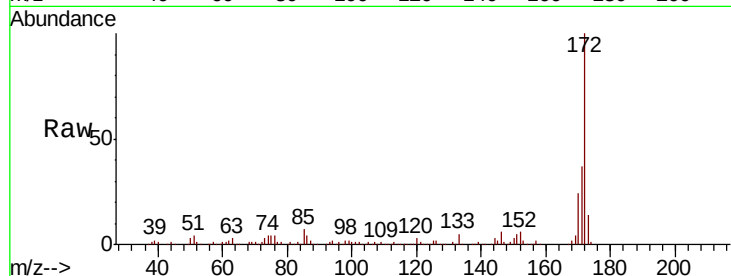




#44
2-Fluorobiphenyl
Concen: 70.972 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037032.D
Acq: 28 Sep 2018 2:23

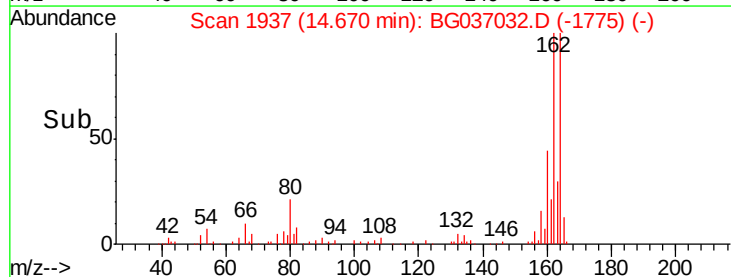
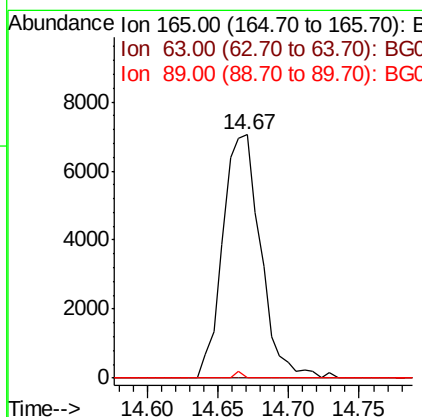
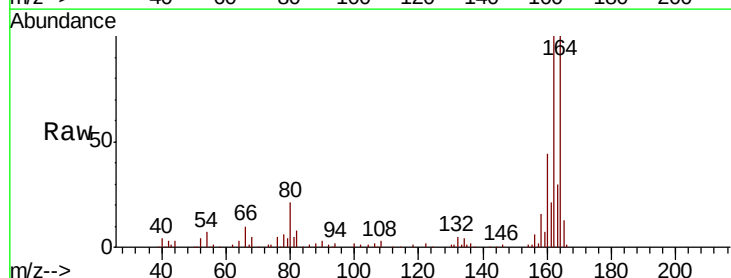
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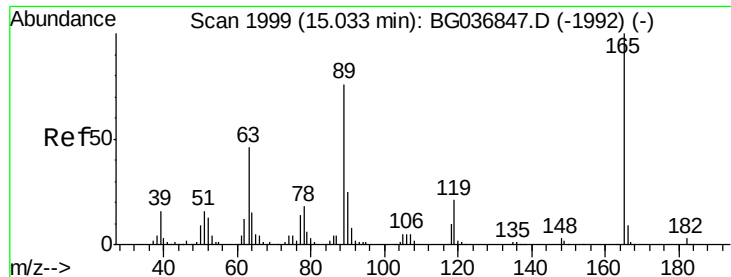
Tgt Ion:172 Resp: 491477
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.3 21.0 31.6



#50
2,6-Dinitrotoluene
Concen: 7.265 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG037032.D
Acq: 28 Sep 2018 2:23

Tgt Ion:165 Resp: 13160
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 47.8 71.6#

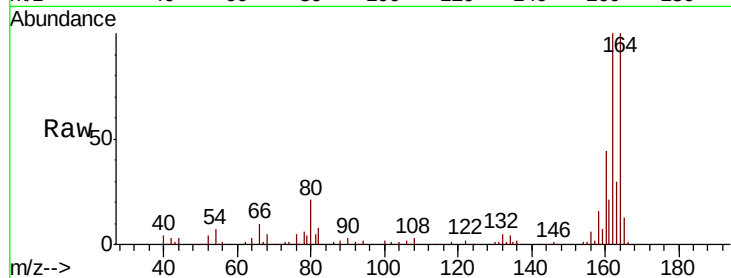




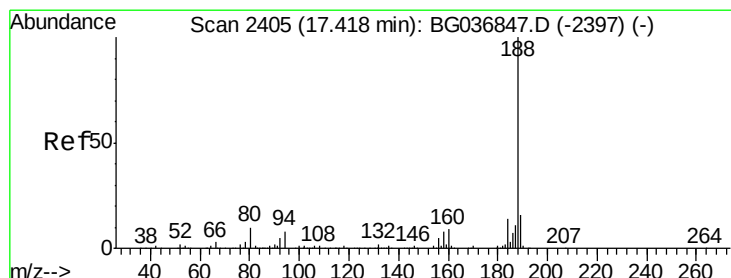
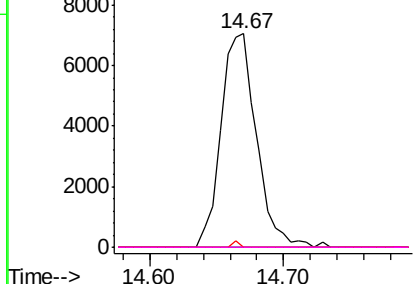
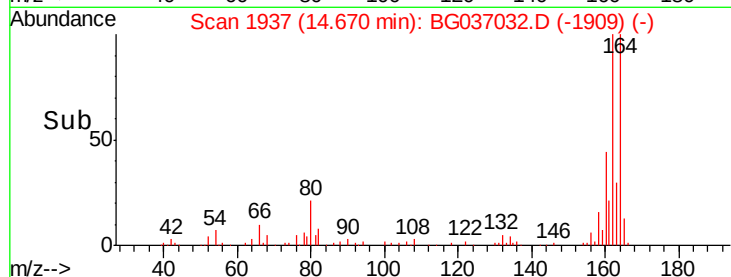
#56
 2,4-Dinitrotoluene
 Concen: 5.207 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG037032.D
 Acq: 28 Sep 2018 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BL

Tgt Ion:	165	Resp:	13161
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

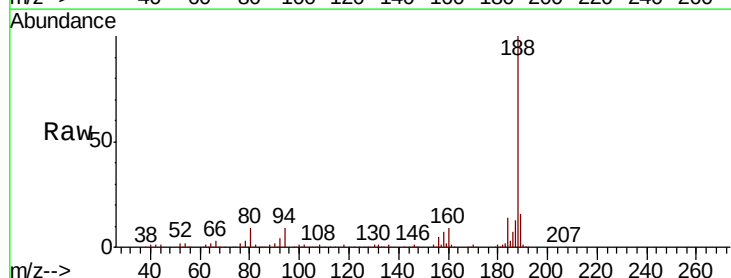


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

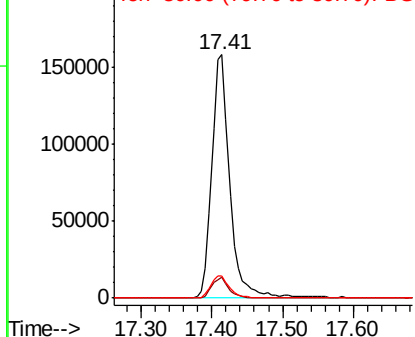
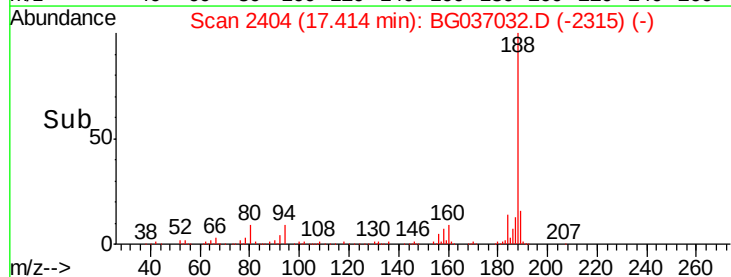


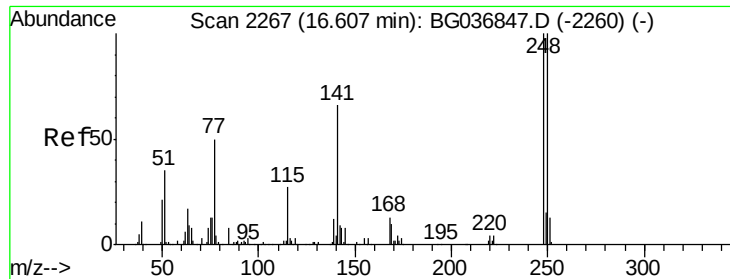
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG037032.D
 Acq: 28 Sep 2018 2:23

Tgt Ion:	188	Resp:	280727
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.2	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: 2.788 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

Instrument :

BNA_G

ClientSampleId :

PB113286BL

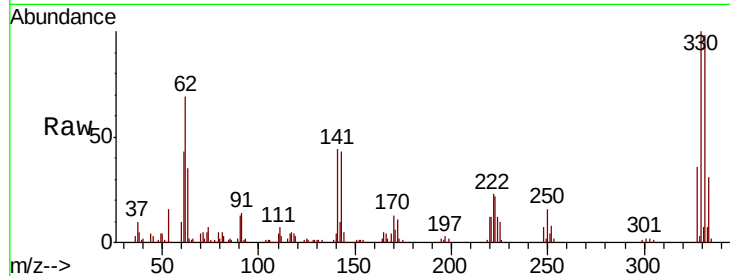
Tgt Ion:248 Resp: 8903

Ion Ratio Lower Upper

248 100

250 226.7 78.1 117.1#

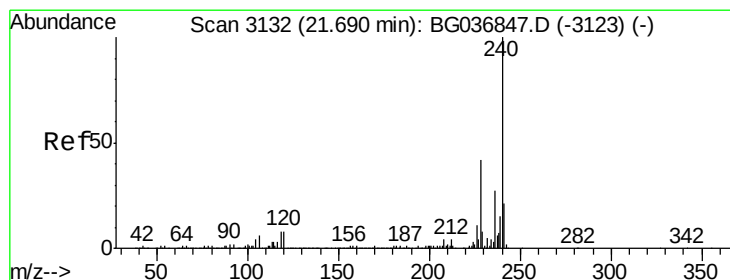
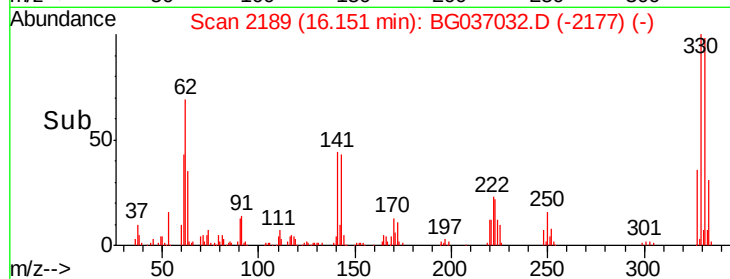
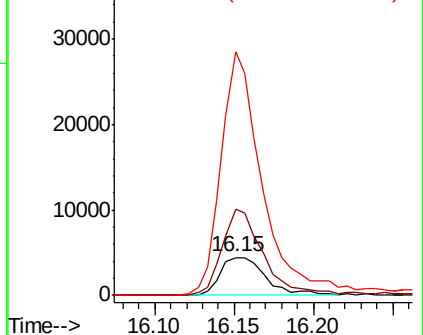
141 641.7 53.7 80.5#



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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

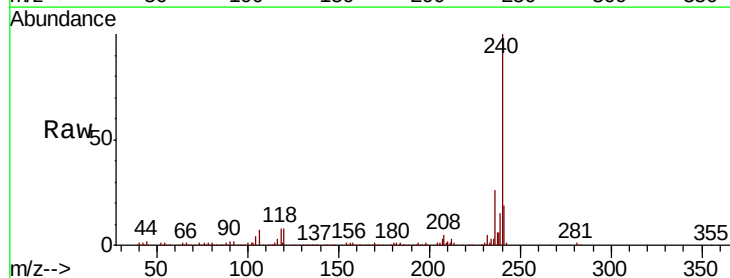
Tgt Ion:240 Resp: 312968

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

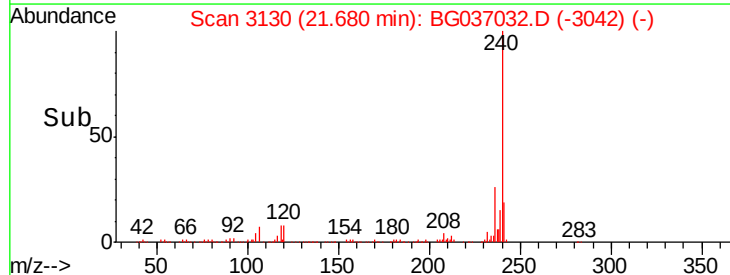
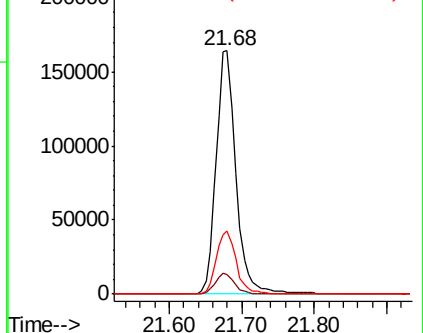
236 26.0 21.2 31.8

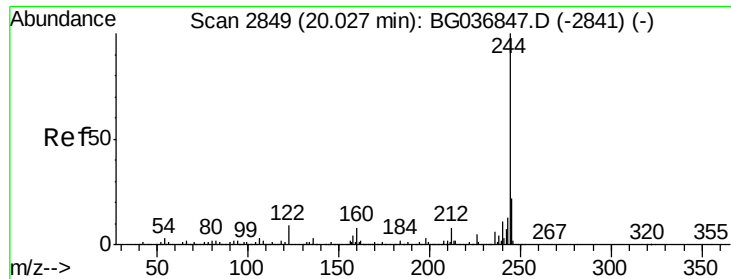


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.651 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

Instrument :

BNA_G

ClientSampleId :

PB113286BL

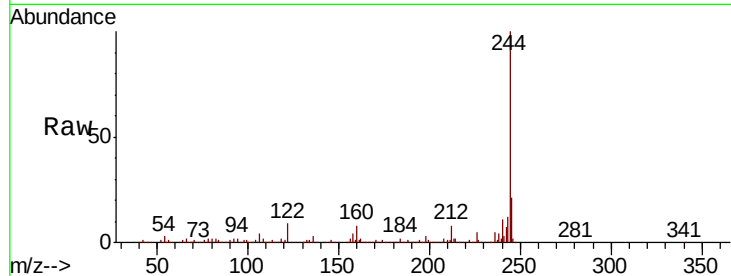
Tgt Ion:244 Resp: 936127

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

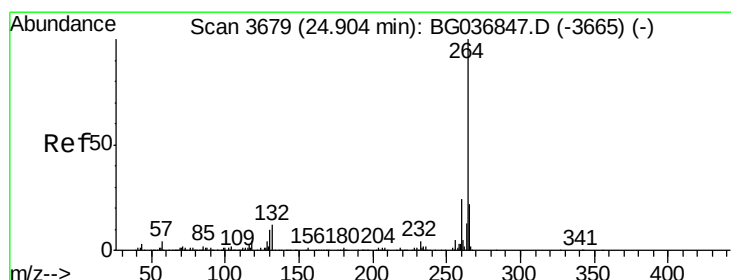
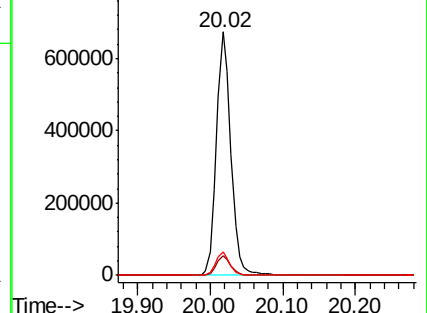
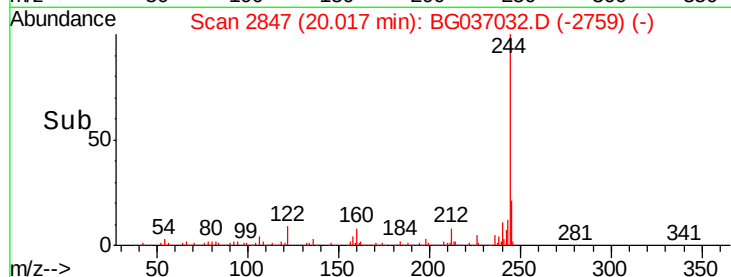
122 9.4 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037032.D

Acq: 28 Sep 2018 2:23

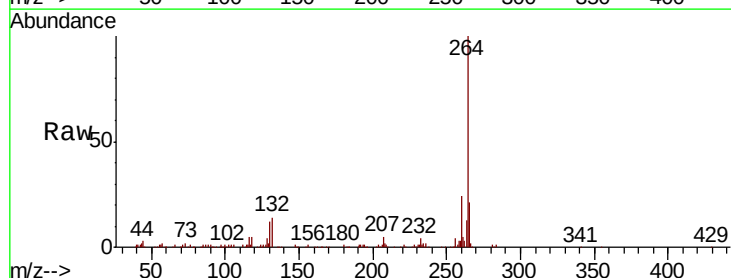
Tgt Ion:264 Resp: 305003

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 20.5 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

