

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037186.D
 Acq On : 5 Oct 2018 12:34
 Operator : JU/SJ
 Sample : J5242-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 13:13:07 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

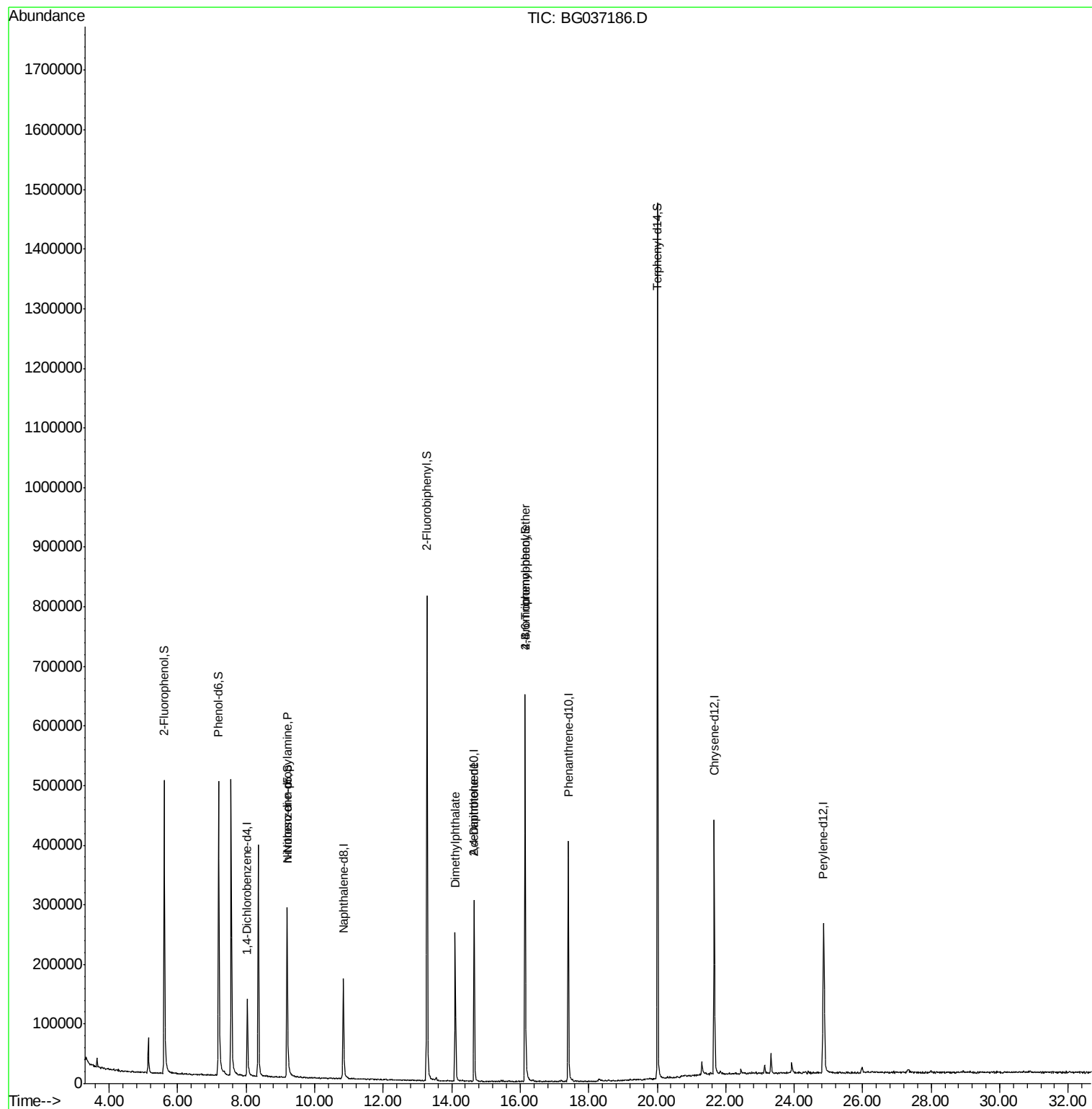
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44295	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	179005	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	111571	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	286252	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	291213	20.00	ng	-0.03
86) Perylene-d12	24.86	264	285370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	239595	103.73	ng	-0.02
7) Phenol-d6	7.19	99	330263	92.42	ng	-0.02
23) Nitrobenzene-d5	9.19	82	227832	68.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	128146	96.00	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	476372	63.59	ng	-0.02
78) Terphenyl-d14	20.01	244	762883	68.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	29846	10.040	ng	# 72
49) Dimethylphthalate	14.11	163	193073	21.499	ng	# 98
56) 2,4-Dinitrotoluene	14.65	165	14134	5.169	ng	# 22
66) 4-Bromophenyl-phenylether	16.15	248	8937	2.745	ng	# 1

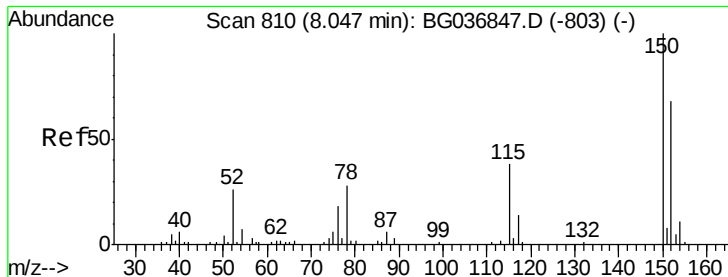
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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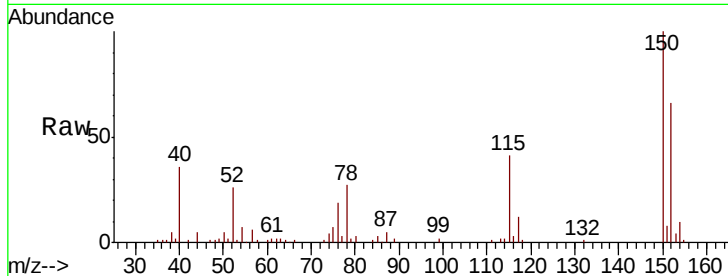


#1

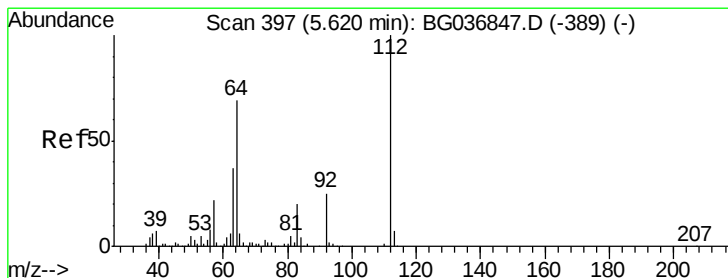
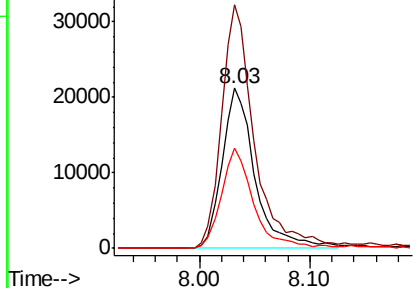
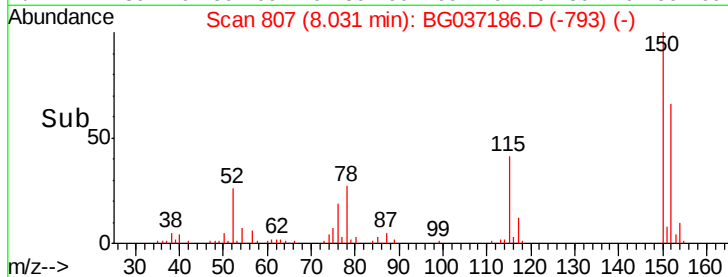
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44295
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 62.4 44.5 66.7



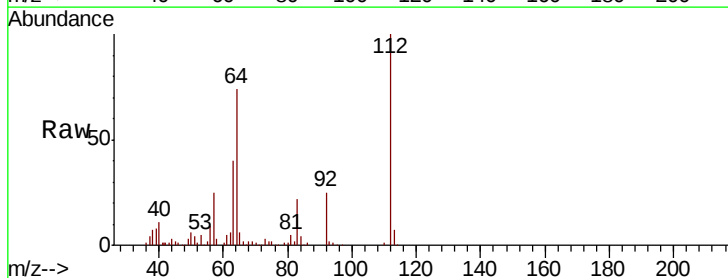
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



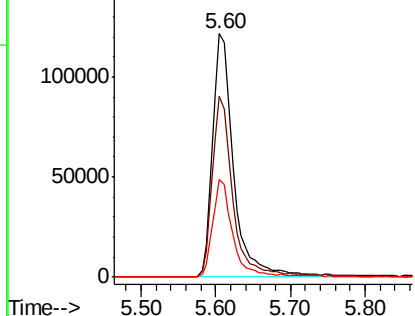
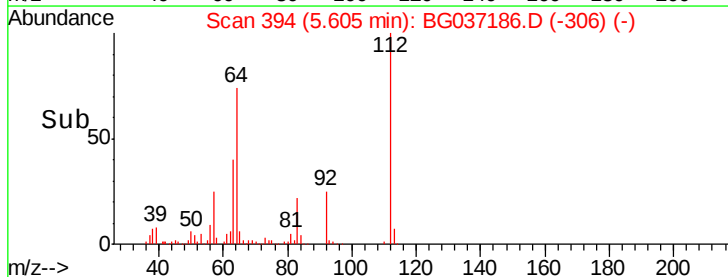
#5

2-Fluorophenol
Concen: 103.734 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion:112 Resp: 239595
Ion Ratio Lower Upper
112 100
64 74.2 57.2 85.8
63 39.9 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: 92.420 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

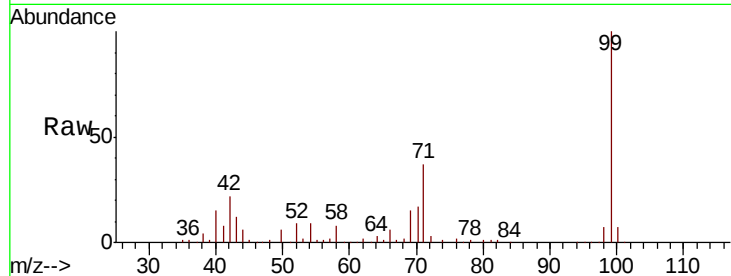
Tot Ion: 99 Resp: 330263

Ion Ratio Lower Upper

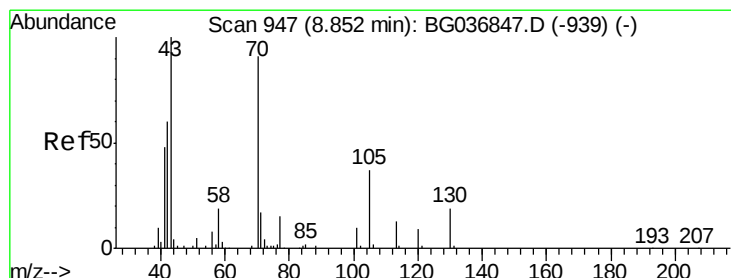
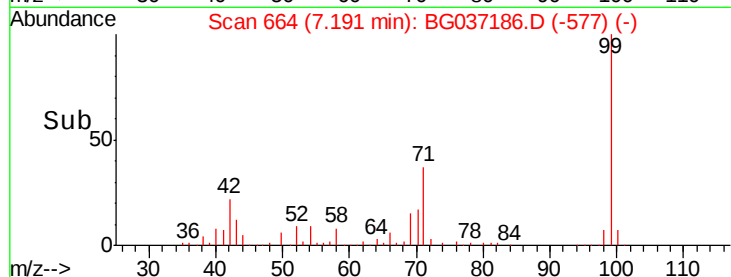
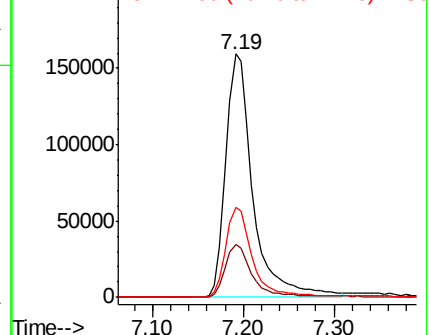
99 100

42 21.7 16.5 24.7

71 36.8 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: 10.040 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Tgt Ion: 70 Resp: 29846

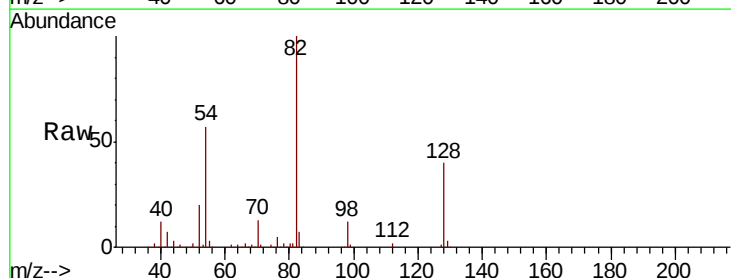
Ion Ratio Lower Upper

70 100

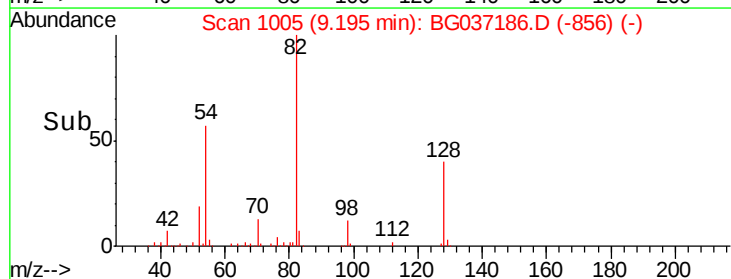
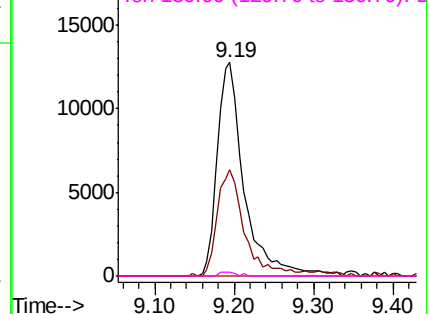
42 49.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 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

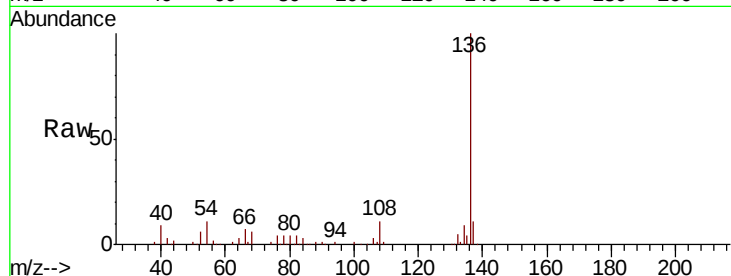




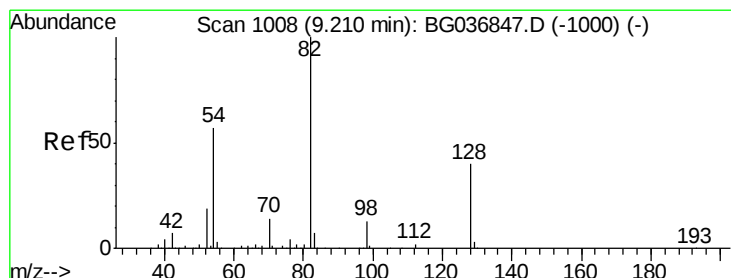
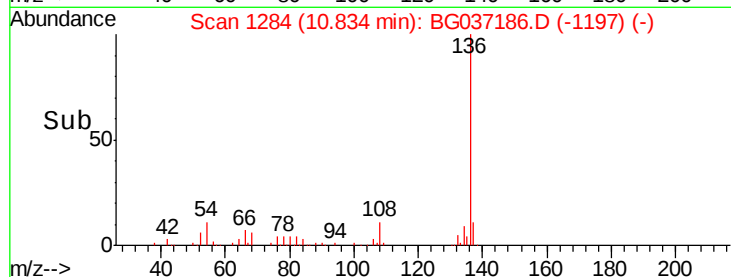
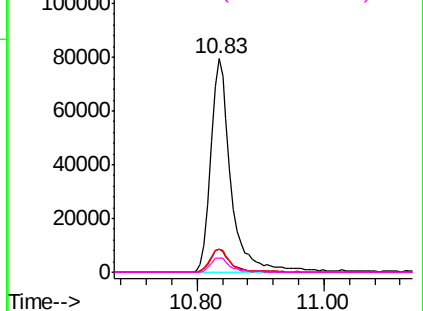
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	179005
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	11.0	9.2 13.8
68	6.4	5.8 8.6

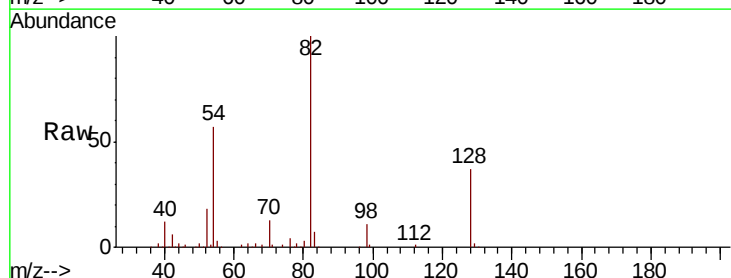


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

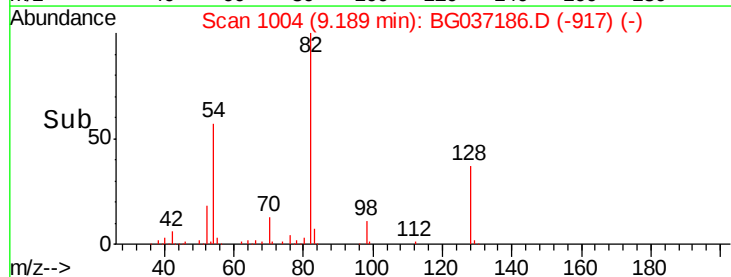
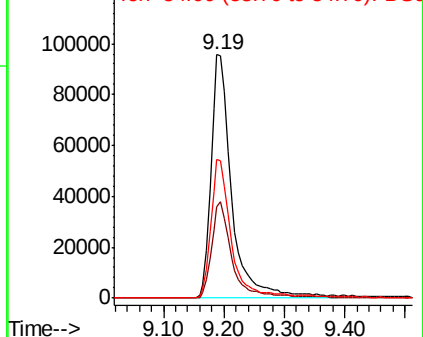


#23
Nitrobenzene-d5
Concen: 68.158 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion: 82	Resp:	227832
Ion	Ratio	Lower Upper
82	100	
128	37.4	33.3 49.9
54	57.2	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: 14.65 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

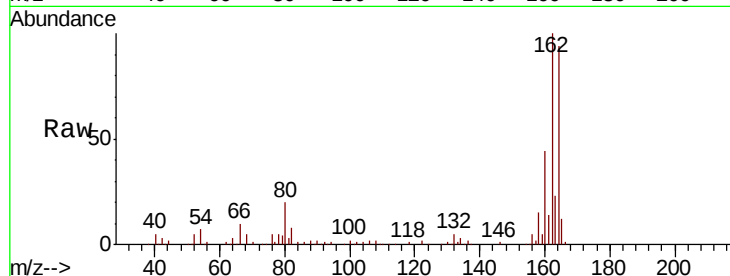
Tot Ion:164 Resp: 111571

Ion Ratio Lower Upper

164 100

162 106.0 80.7 121.1

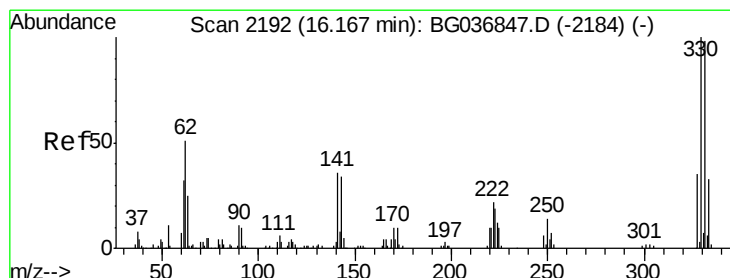
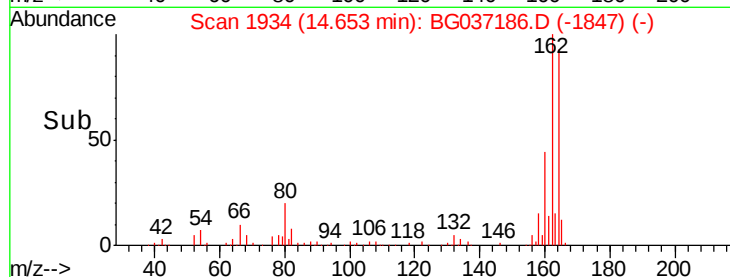
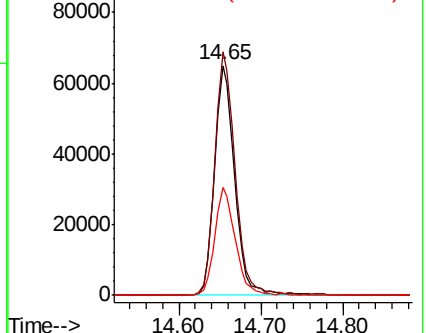
160 46.9 35.3 52.9



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: 95.998 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

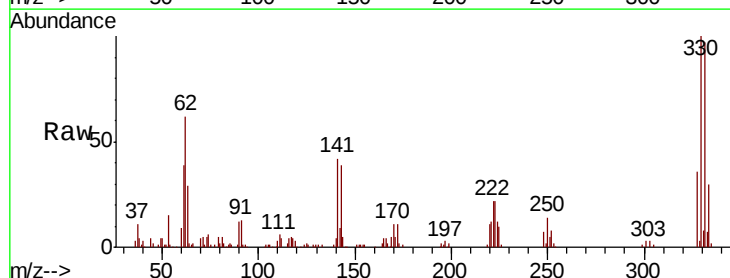
Tgt Ion:330 Resp: 128146

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

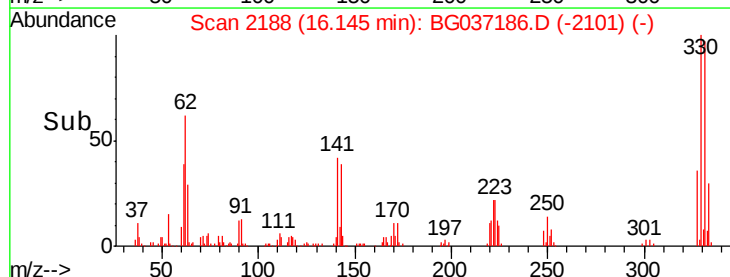
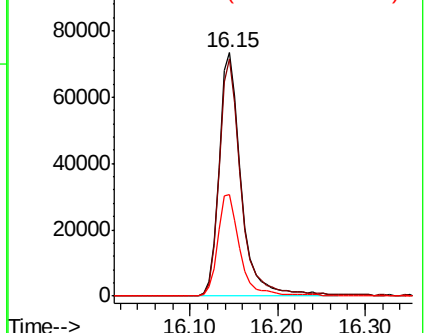
141 42.3 30.7 46.1



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

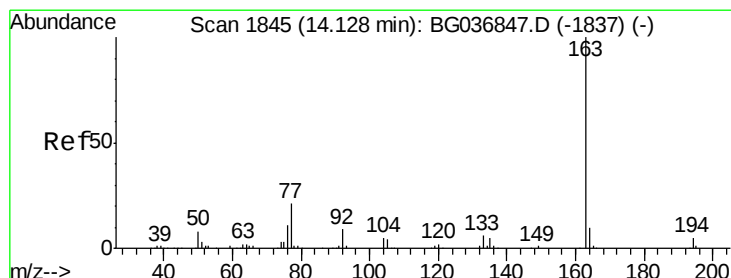
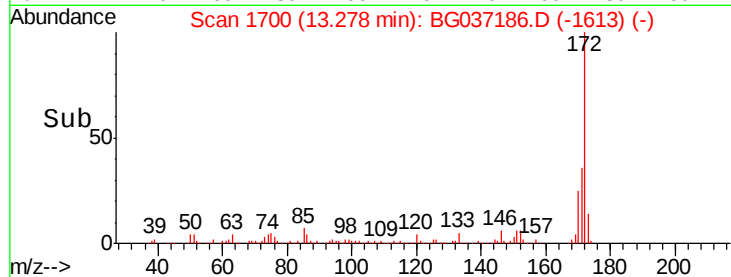
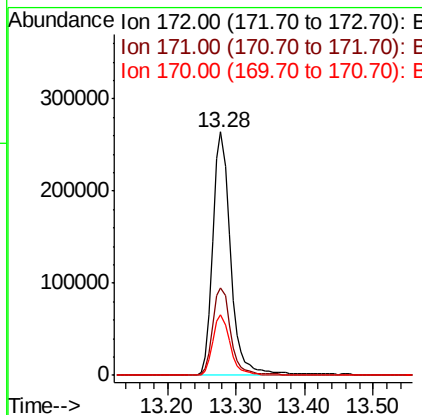
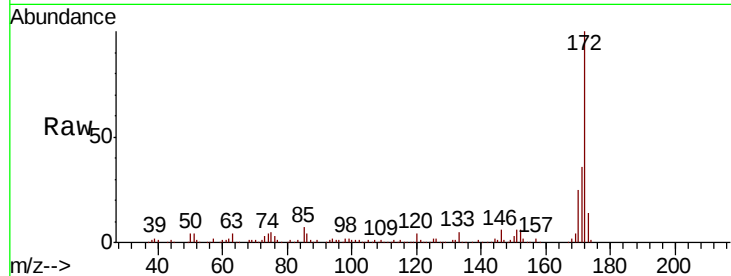




#44
2-Fluorobiphenyl
Concen: 63.592 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

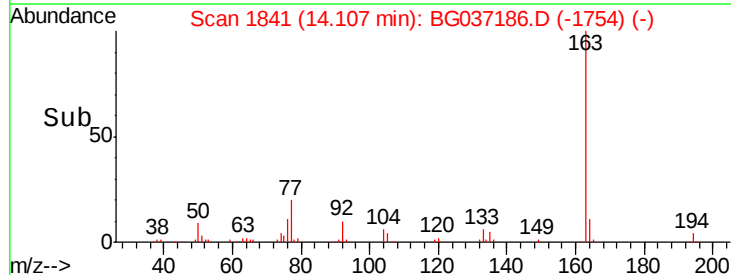
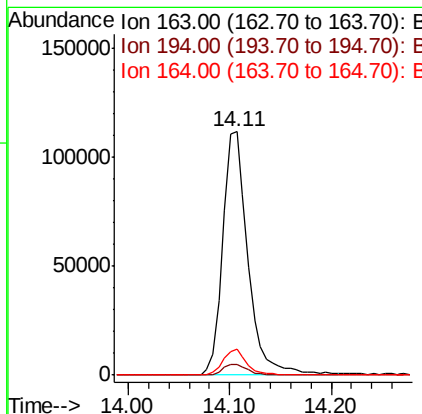
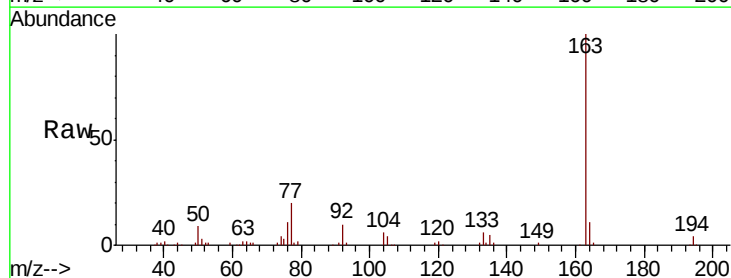
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 476372
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 24.8 21.0 31.6



#49
Dimethylphthalate
Concen: 21.499 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion:163 Resp: 193073
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.9 8.1 12.1

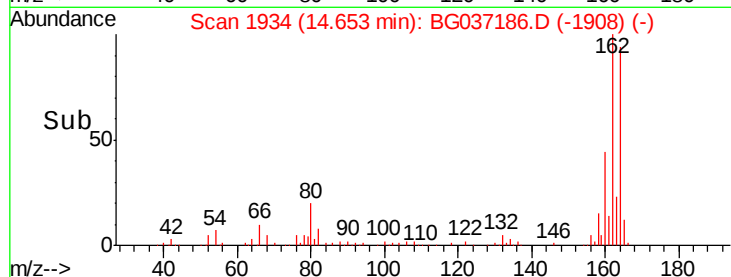
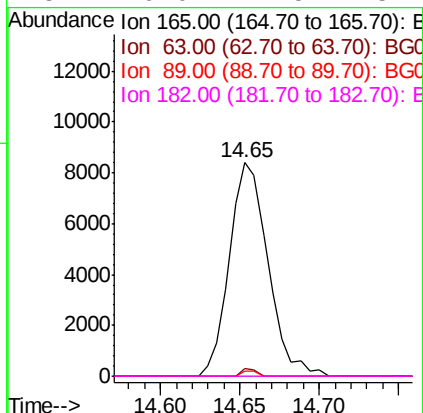
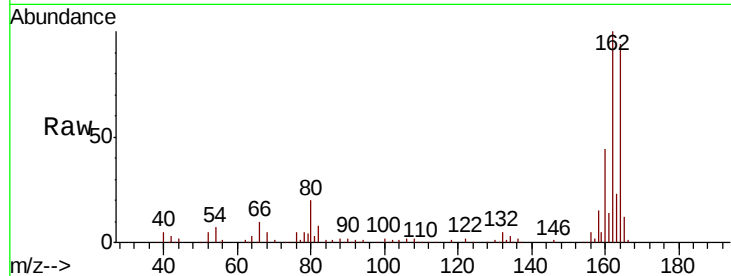




#56
 2,4-Dinitrotoluene
 Concen: 5.169 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037186.D
 Acq: 5 Oct 2018 12:34

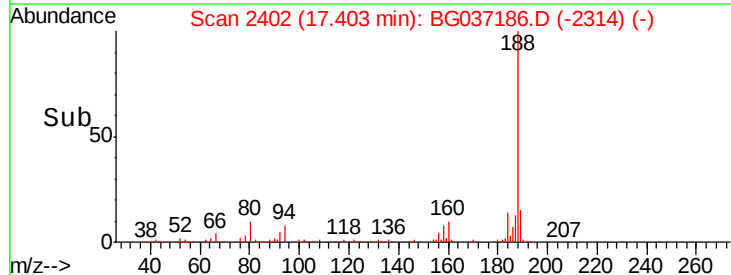
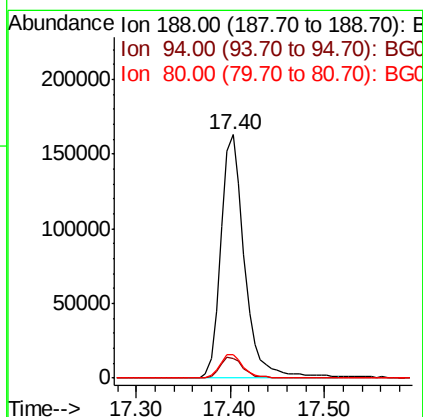
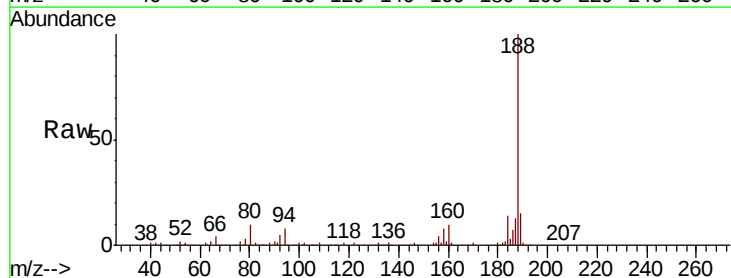
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.7	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037186.D
 Acq: 5 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.9	8.1	12.1

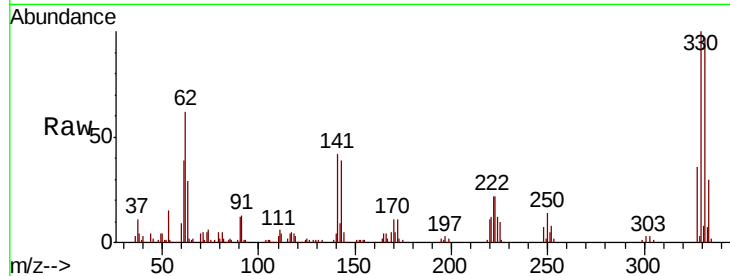




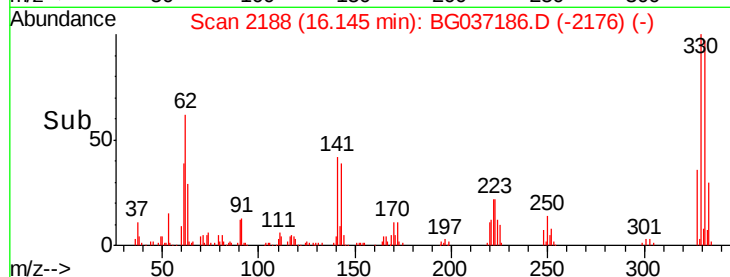
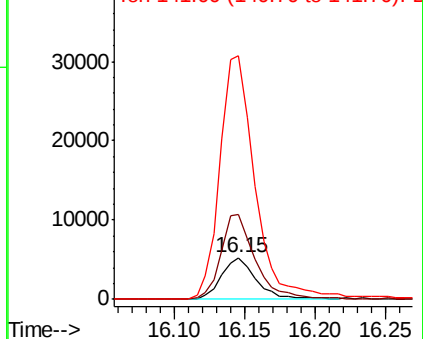
#66
4-Bromophenyl-phenylether
Concen: 2.745 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8937
Ion Ratio Lower Upper
248 100
250 203.5 78.1 117.1#
141 587.3 53.7 80.5#

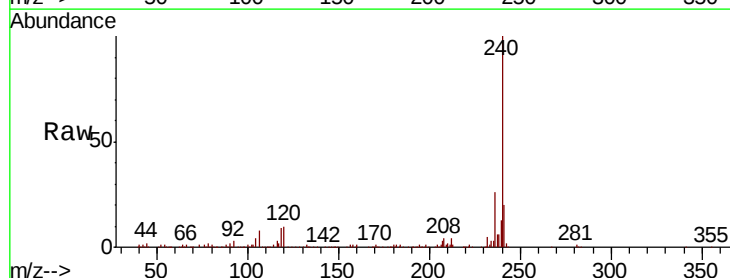


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

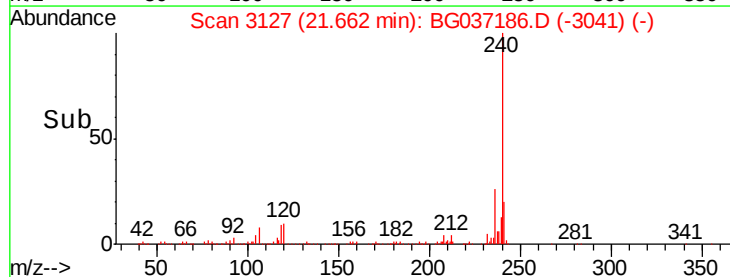
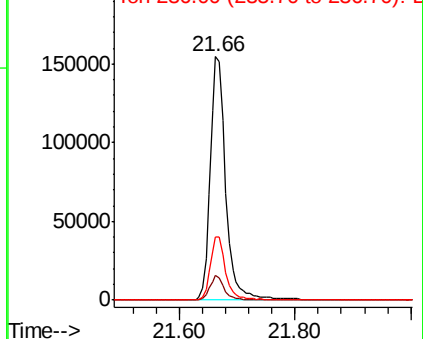


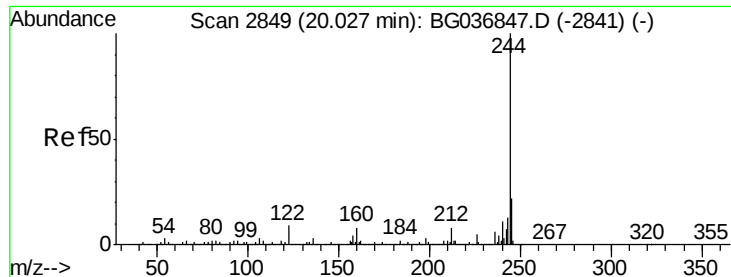
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion:240 Resp: 291213
Ion Ratio Lower Upper
240 100
120 10.0 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: 68.884 ng

RT: 20.01 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

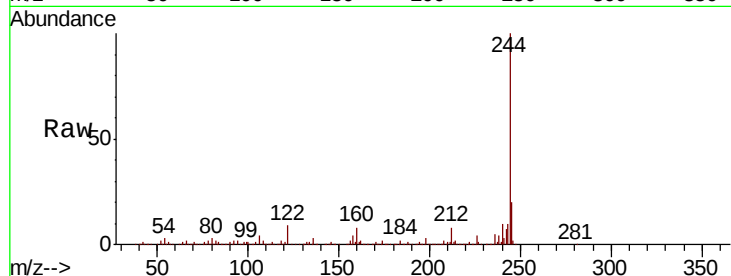
Tot Ion:244 Resp: 762883

Ion Ratio Lower Upper

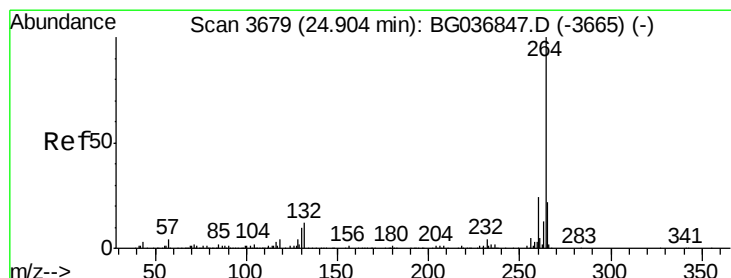
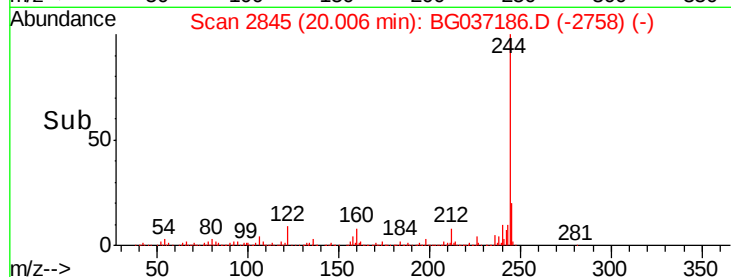
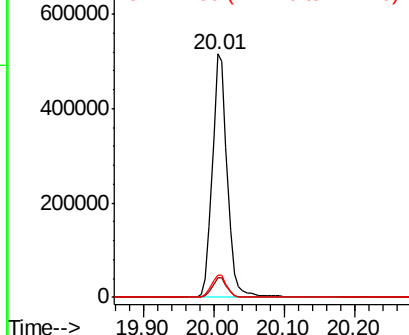
244 100

212 8.0 7.0 10.6

122 9.3 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: 24.86 min Scan# 3671

Delta R.T. -0.04 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

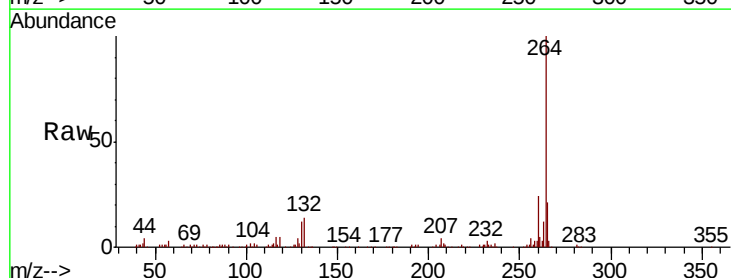
Tgt Ion:264 Resp: 285370

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.1 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

