

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037093.D
 Acq On : 2 Oct 2018 2:05
 Operator : JU/SJ
 Sample : PB113379TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113379TB

Quant Time: Oct 02 05:34:26 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

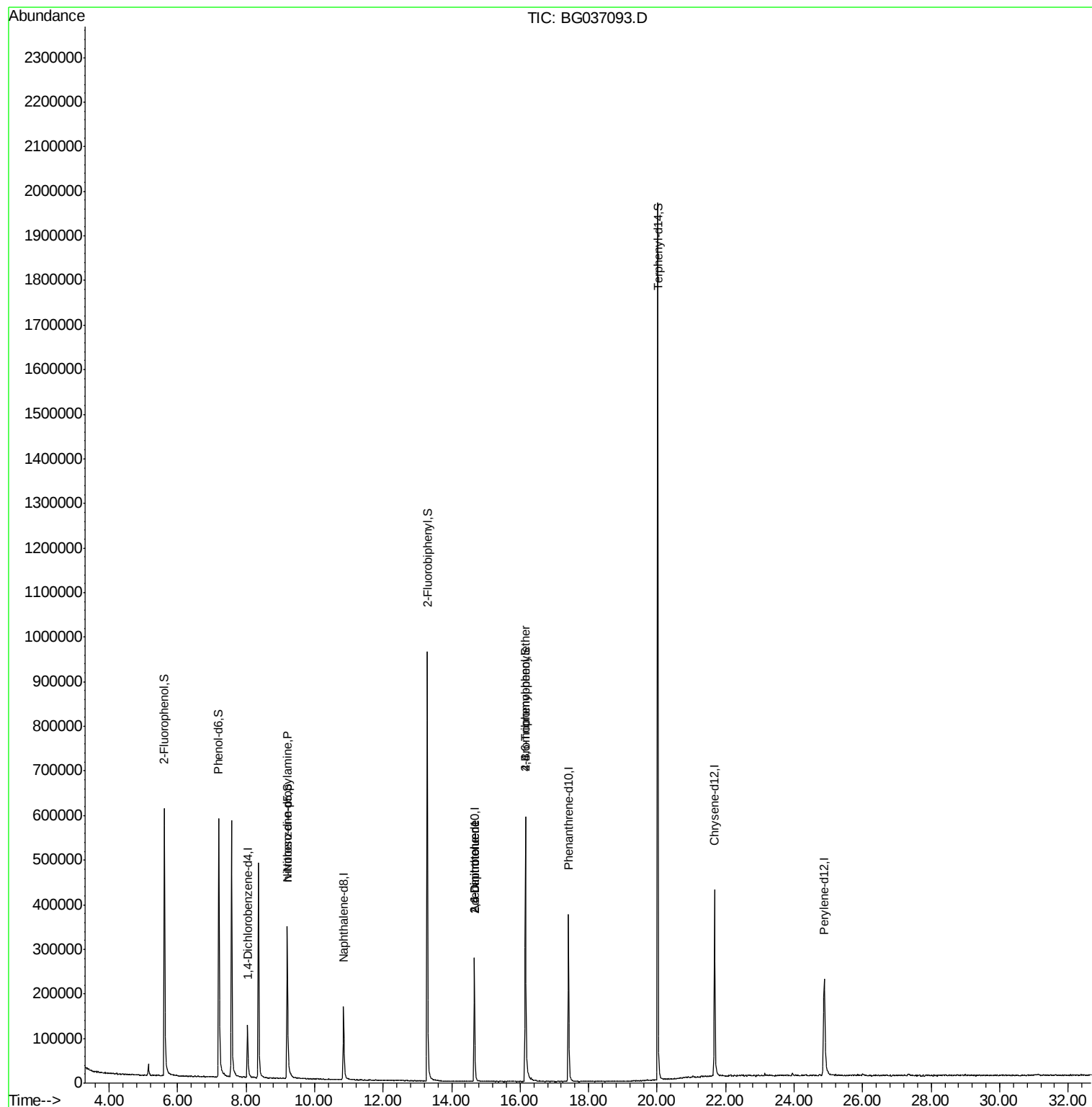
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42252	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	173054	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	109751	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	291640	20.00	ng	0.00
75) Chrysene-d12	21.68	240	300736	20.00	ng	-0.01
86) Perylene-d12	24.88	264	287390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	298854	135.65	ng	0.00
7) Phenol-d6	7.20	99	397159	116.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	266816	82.57	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	135586	103.26	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	590379	80.12	ng	-0.01
78) Terphenyl-d14	20.02	244	1053085	92.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34034	12.002	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	13931	7.228	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13931	5.180	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	9446	2.848	ng	# 1

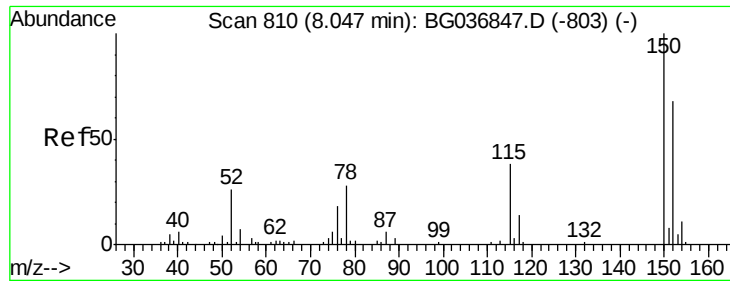
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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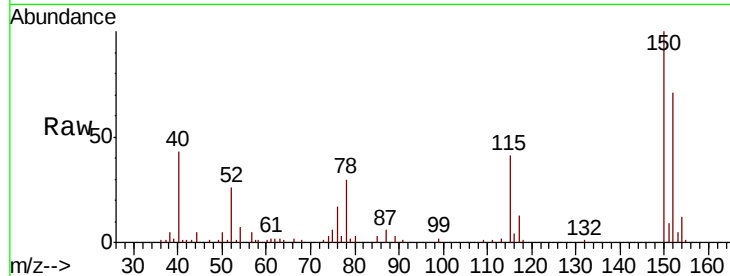




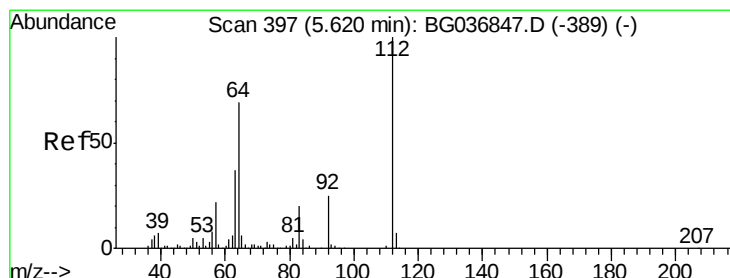
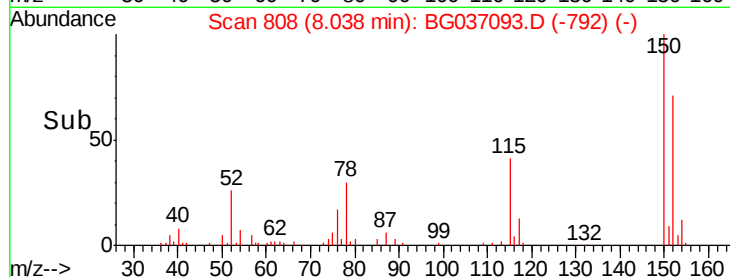
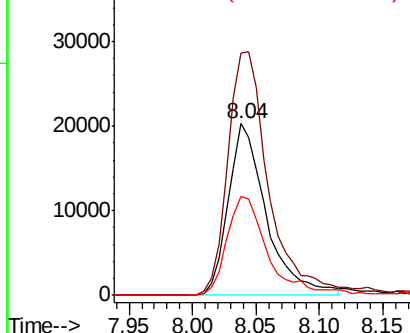
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113379TB

Tgt Ion:152 Resp: 42252
 Ion Ratio Lower Upper
 152 100
 150 141.0 119.5 179.3
 115 57.4 44.5 66.7

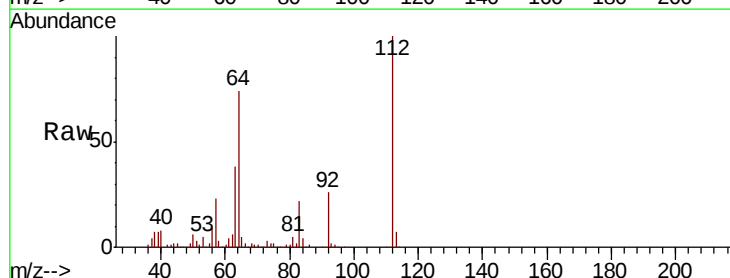


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

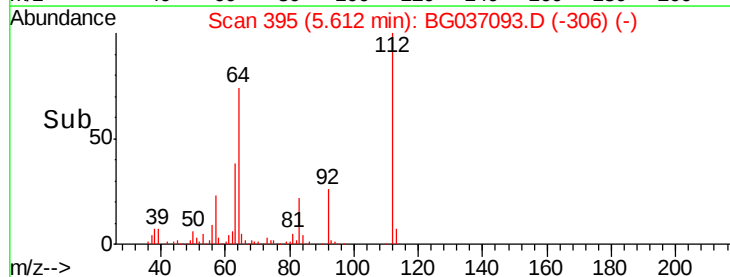
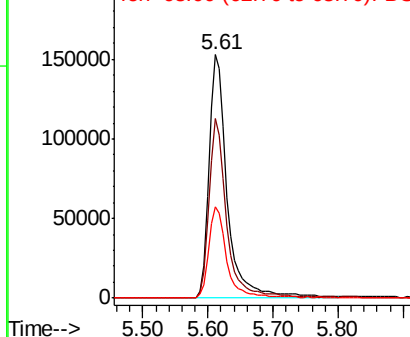


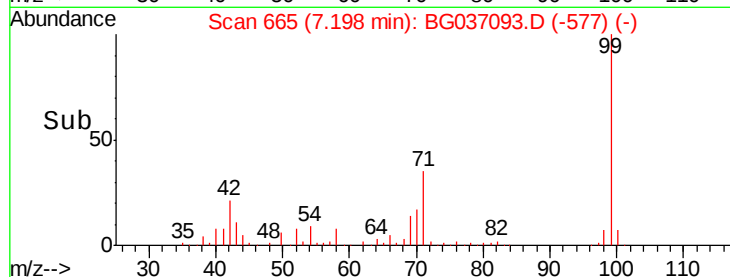
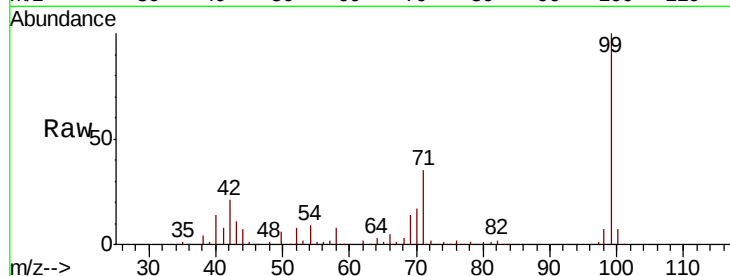
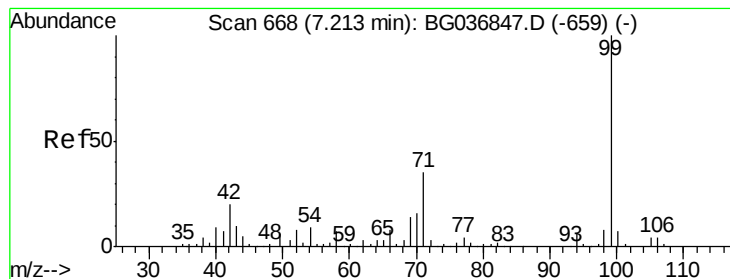
#5
 2-Fluorophenol
 Concen: 135.647 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

Tgt Ion:112 Resp: 298854
 Ion Ratio Lower Upper
 112 100
 64 73.7 57.2 85.8
 63 37.7 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: 116.514 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037093.D

Acq: 2 Oct 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB113379TB

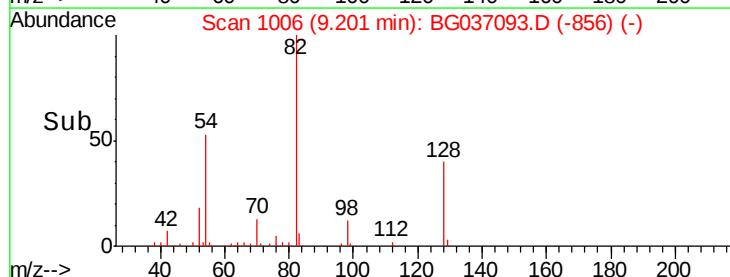
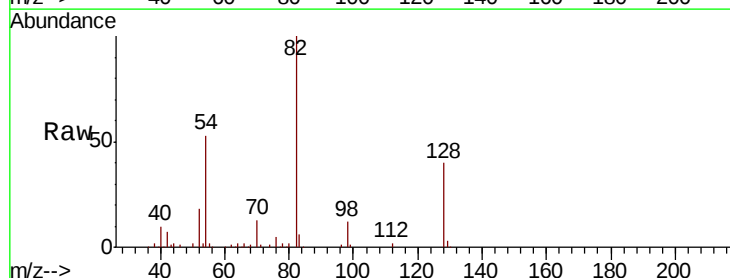
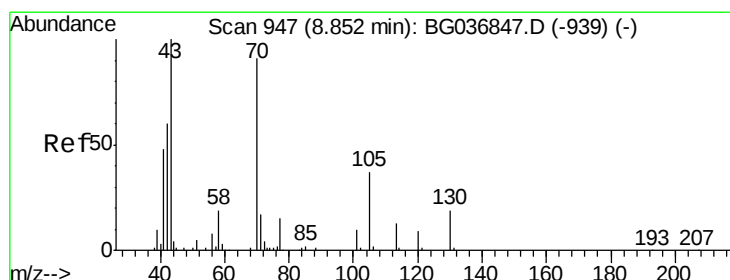
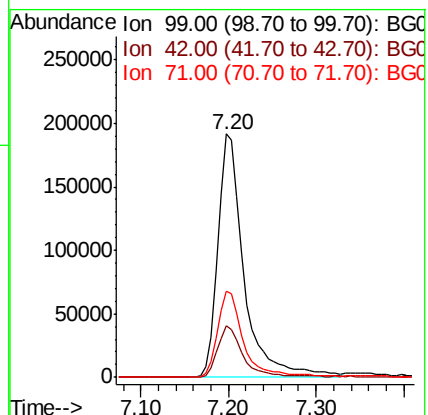
Tgt Ion: 99 Resp: 397159

Ion Ratio Lower Upper

99 100

42 21.0 16.5 24.7

71 35.2 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.002 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037093.D

Acq: 2 Oct 2018 2:05

Tgt Ion: 70 Resp: 34034

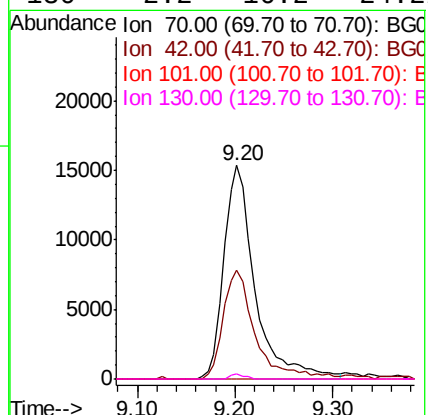
Ion Ratio Lower Upper

70 100

42 50.9 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

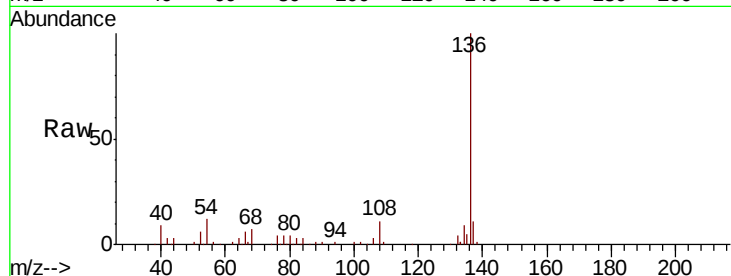




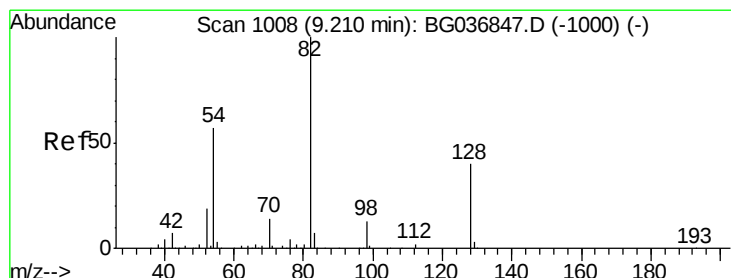
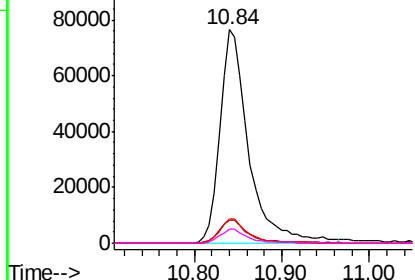
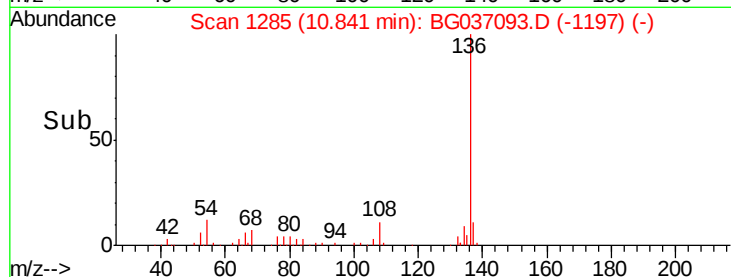
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037093.D
Acq: 2 Oct 2018 2:05

Instrument :
BNA_G
ClientSampleId :
PB113379TB

Tgt Ion:	136	Resp:	173054
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.6	9.2	13.8
68	6.7	5.8	8.6

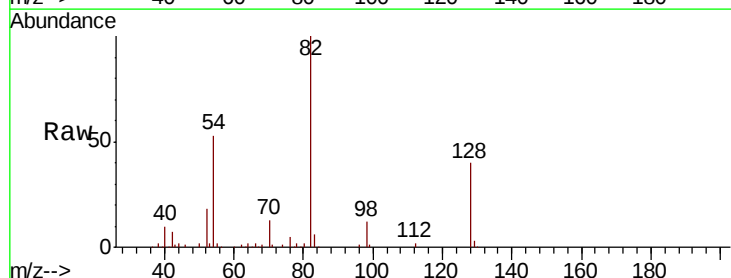


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

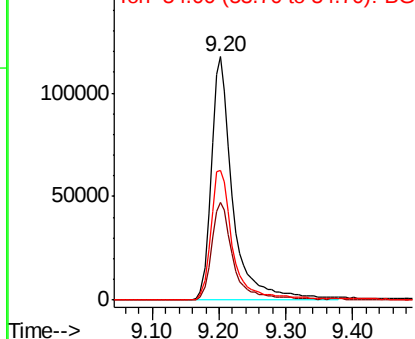
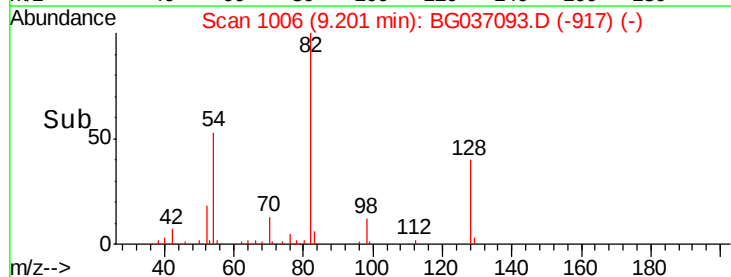


#23
Nitrobenzene-d5
Concen: 82.565 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037093.D
Acq: 2 Oct 2018 2:05

Tgt Ion:	82	Resp:	266816
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	53.4	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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: BG037093.D

Acq: 2 Oct 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB113379TB

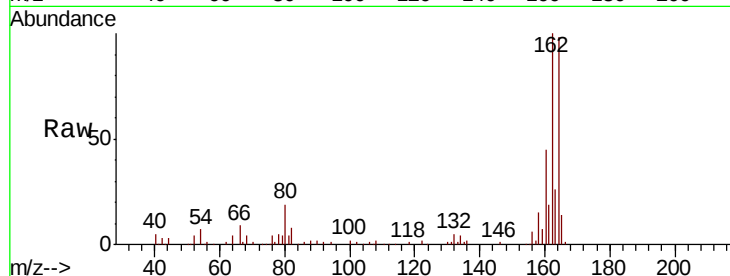
Tgt Ion:164 Resp: 109751

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

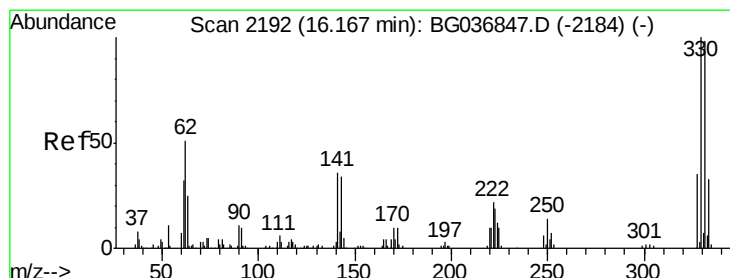
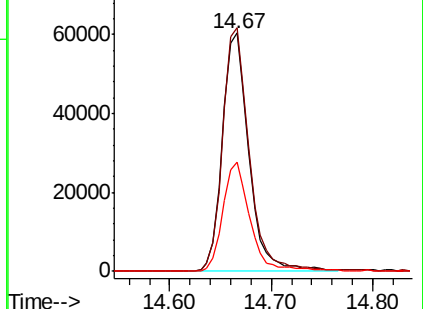
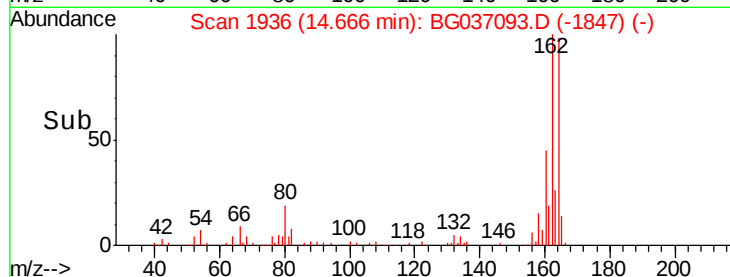
160 45.6 35.3 52.9



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: 103.256 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037093.D

Acq: 2 Oct 2018 2:05

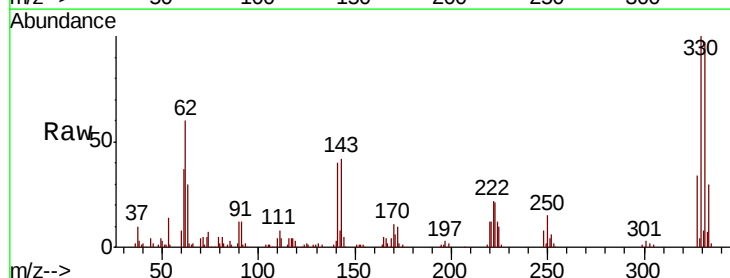
Tgt Ion:330 Resp: 135586

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

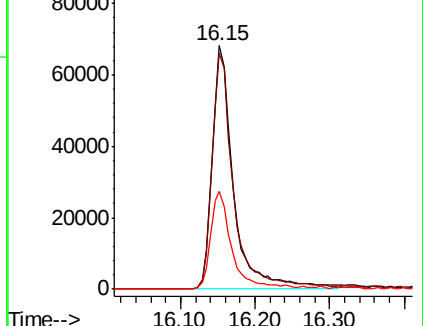
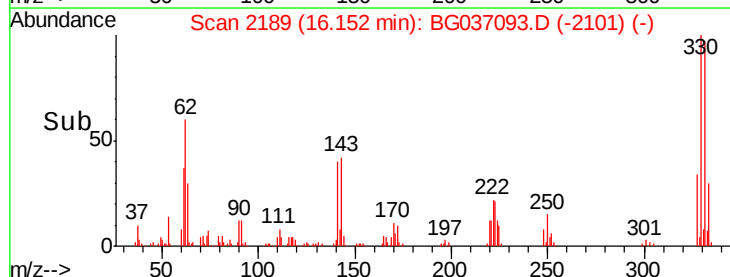
141 39.7 30.7 46.1



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

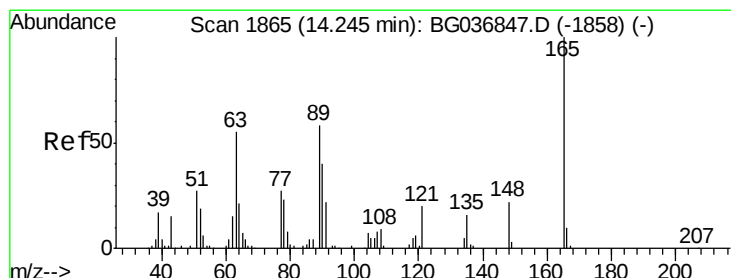
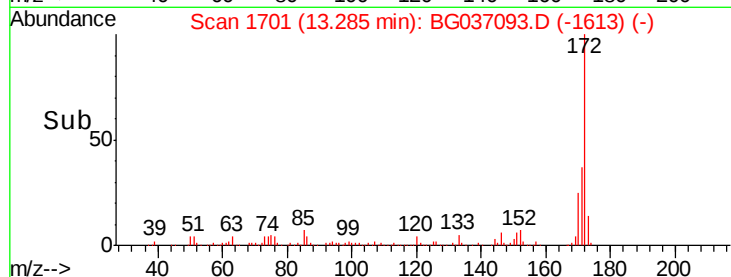
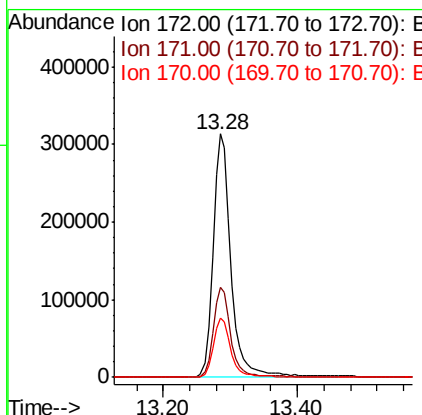
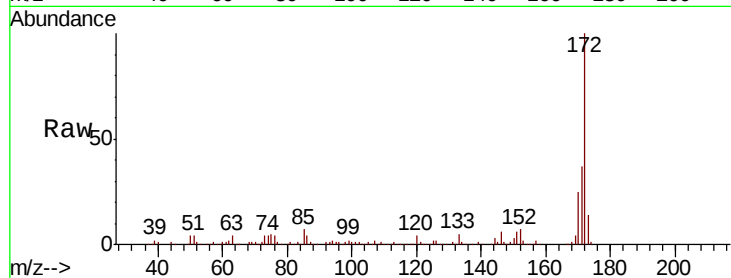




#44
 2-Fluorobiphenyl
 Concen: 80.118 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

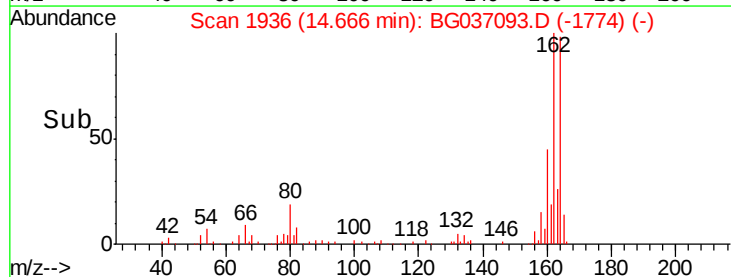
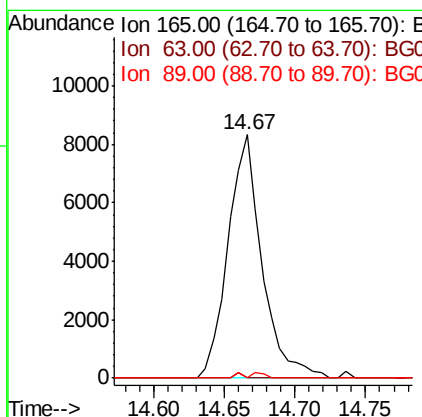
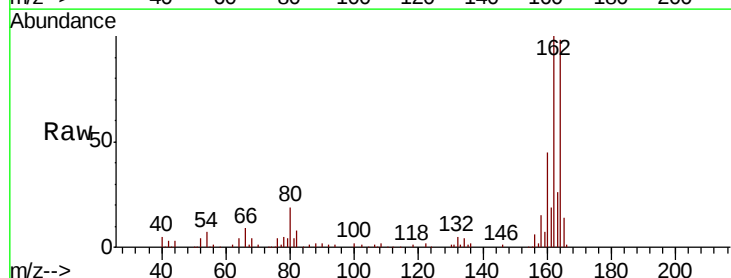
Instrument :
 BNA_G
 ClientSampleId :
 PB113379TB

Tgt Ion:172 Resp: 590379
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.3 46.9
 170 24.6 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.228 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

Tgt Ion:165 Resp: 13931
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

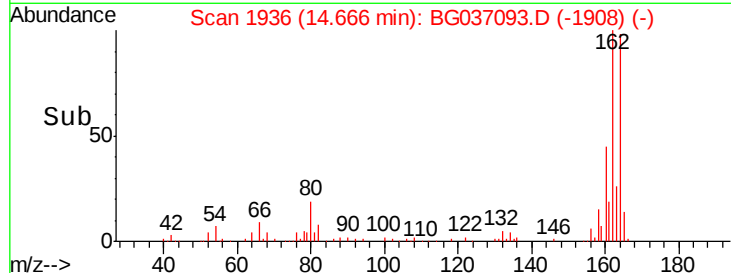
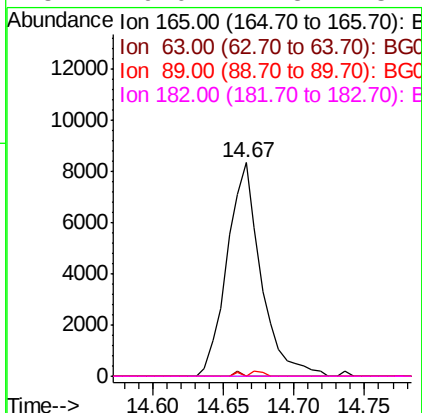
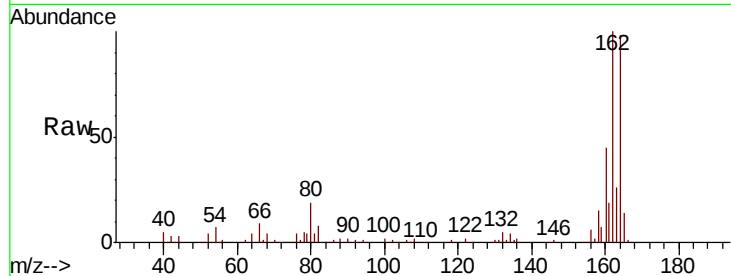




#56
2,4-Dinitrotoluene
Concen: 5.180 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037093.D
Acq: 2 Oct 2018 2:05

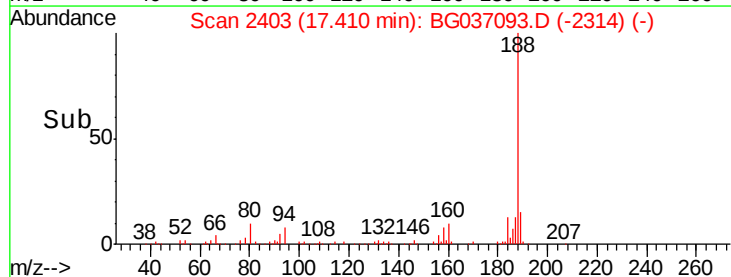
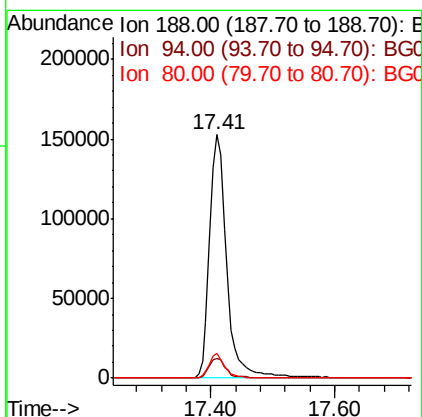
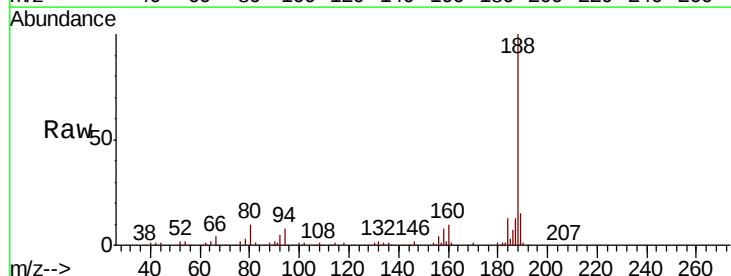
Instrument :
BNA_G
ClientSampleId :
PB113379TB

Tgt Ion:	165	Resp:	13931
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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037093.D
Acq: 2 Oct 2018 2:05

Tgt Ion:	188	Resp:	291640
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.7	10.1
80	10.2	8.1	12.1

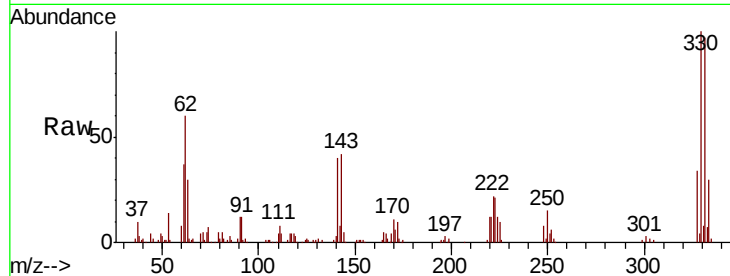




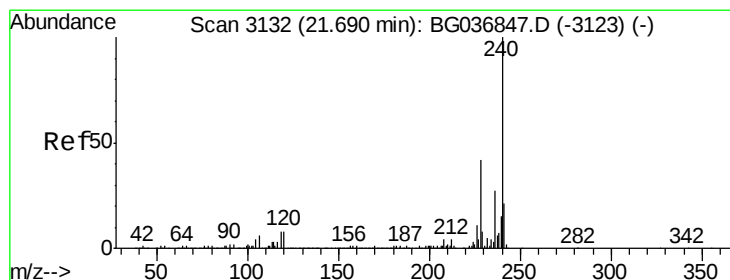
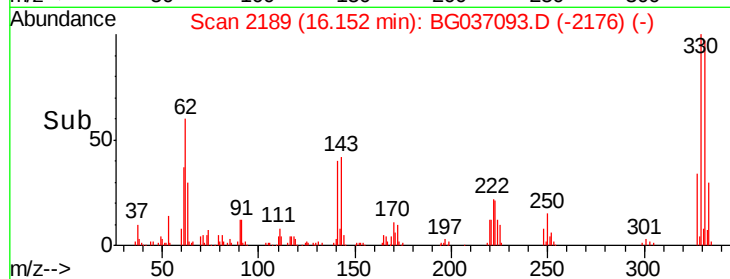
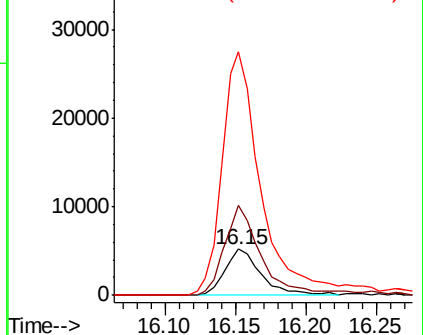
#66
 4-Bromophenyl-phenylether
 Concen: 2.848 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113379TB

Tgt Ion:248 Resp: 9446
 Ion Ratio Lower Upper
 248 100
 250 193.3 78.1 117.1#
 141 524.6 53.7 80.5#

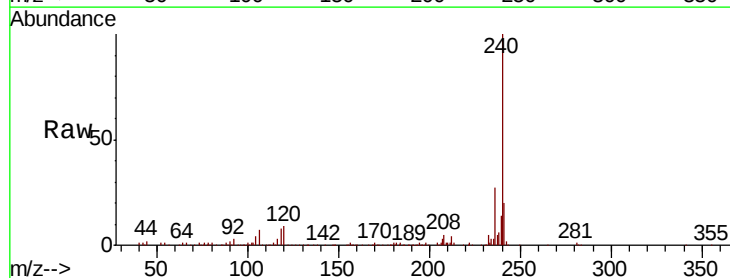


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

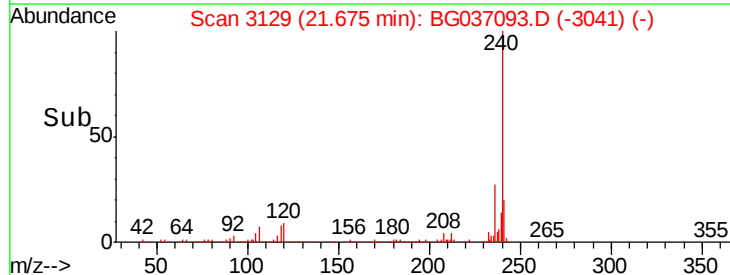
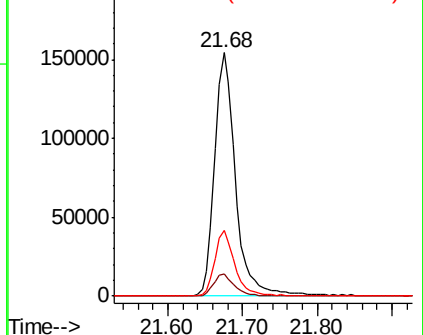


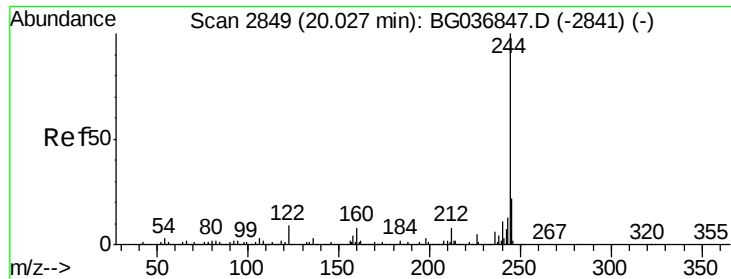
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG037093.D
 Acq: 2 Oct 2018 2:05

Tgt Ion:240 Resp: 300736
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.9 10.3
 236 26.7 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: 92.077 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037093.D

Acq: 2 Oct 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB113379TB

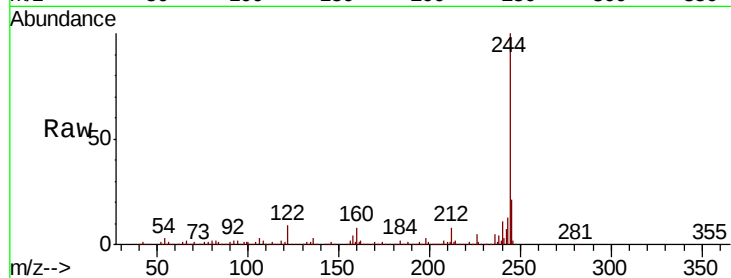
Tgt Ion:244 Resp: 1053085

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

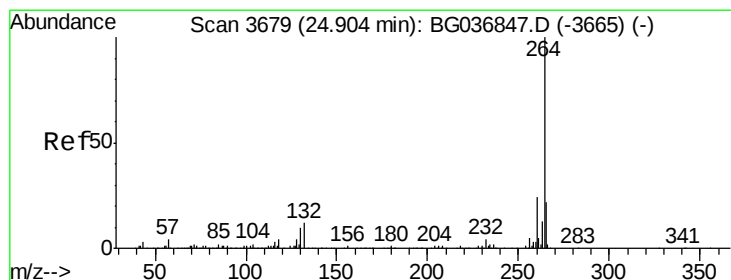
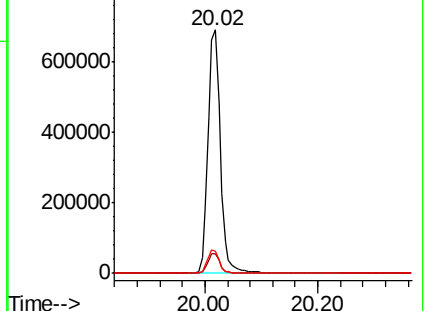
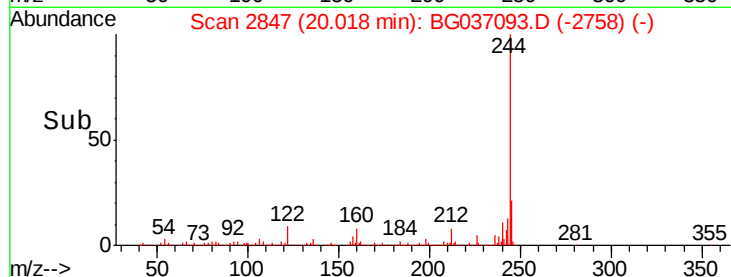
122 9.3 7.1 10.7



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: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037093.D

Acq: 2 Oct 2018 2:05

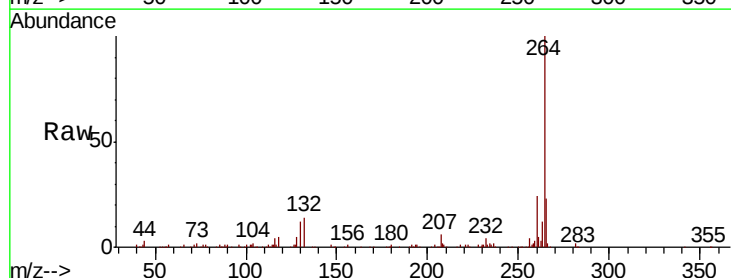
Tgt Ion:264 Resp: 287390

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 22.9 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

