

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037050.D
 Acq On : 28 Sep 2018 14:43
 Operator : JU/SJ
 Sample : J5131-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 16:15:57 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

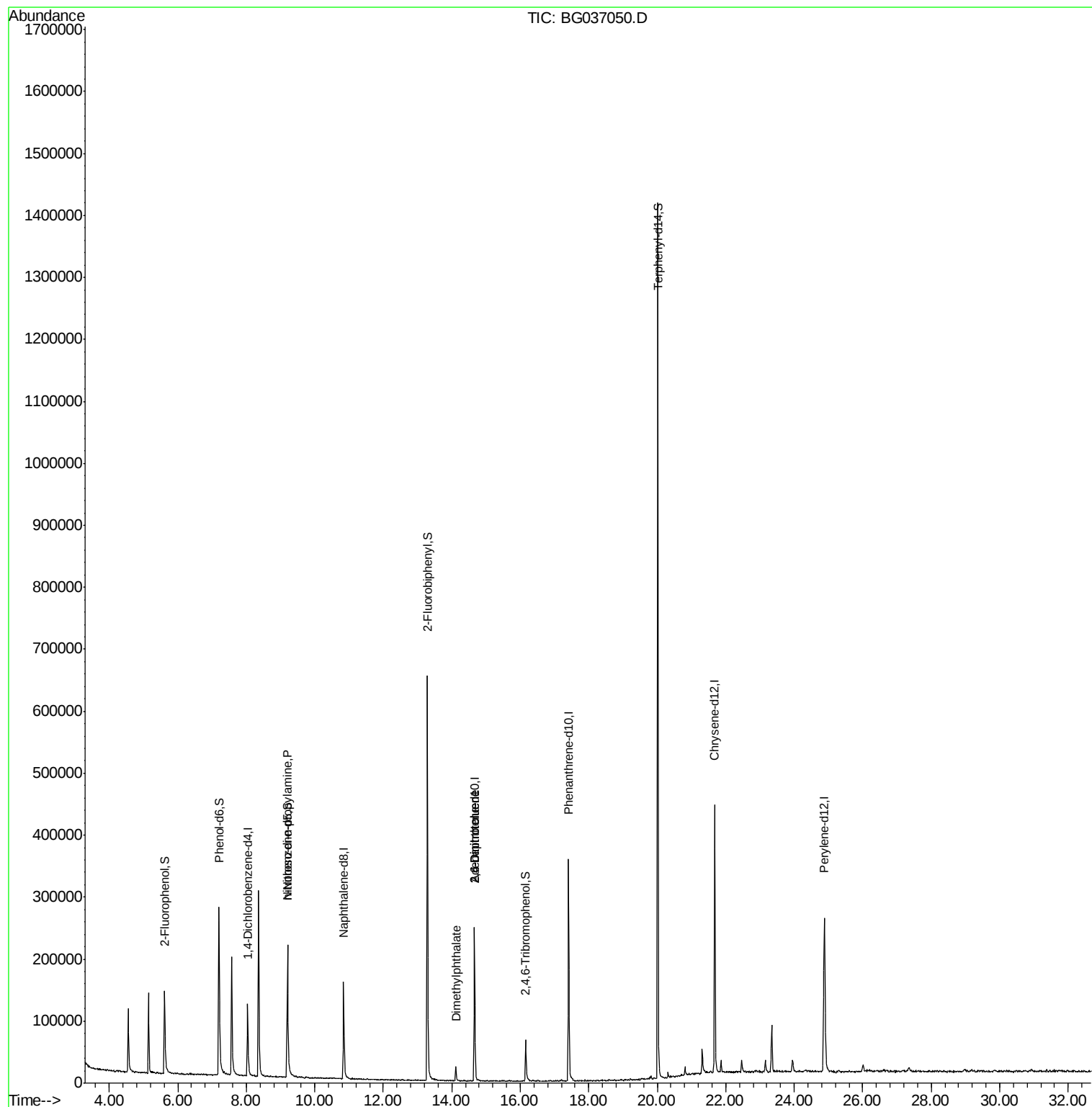
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37480	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	153892	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	98541	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	262357	20.00	ng	0.00
75) Chrysene-d12	21.68	240	282398	20.00	ng	-0.01
86) Perylene-d12	24.88	264	275612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	71281	36.47	ng	0.00
7) Phenol-d6	7.20	99	198639	65.69	ng	-0.01
23) Nitrobenzene-d5	9.20	82	171554	59.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	17250	14.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	382242	57.77	ng	-0.01
78) Terphenyl-d14	20.01	244	720302	67.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	21917	8.713	ng	# 72
49) Dimethylphthalate	14.12	163	21065	2.656	ng	# 96
50) 2,6-Dinitrotoluene	14.66	165	11919	6.887	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	11919	4.936	ng	# 19

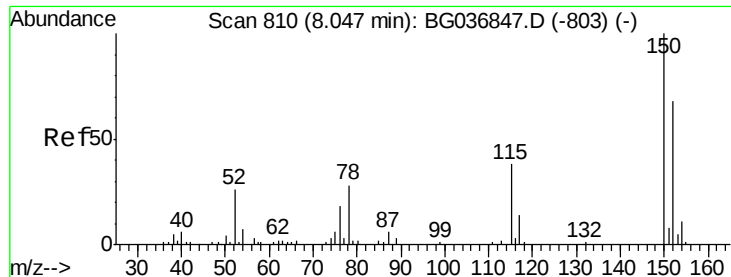
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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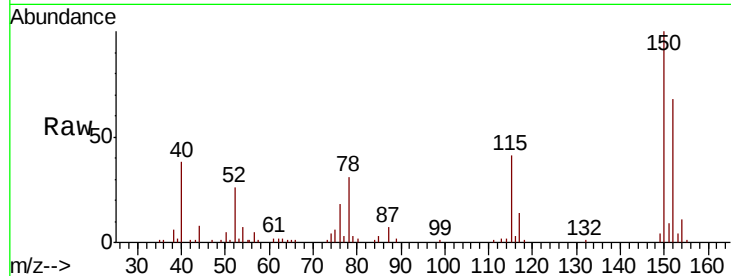


#1

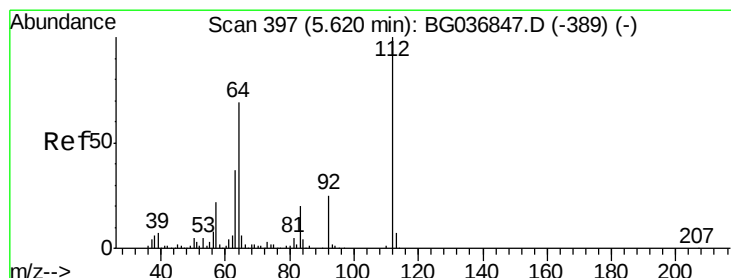
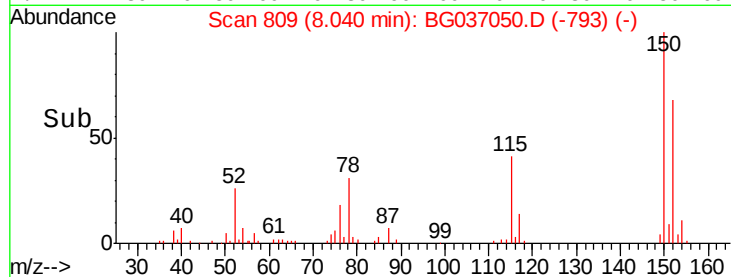
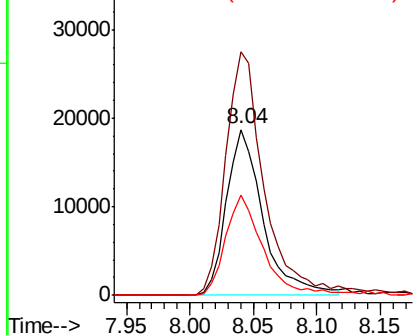
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37480
Ion Ratio Lower Upper
152 100
150 146.9 119.5 179.3
115 60.5 44.5 66.7



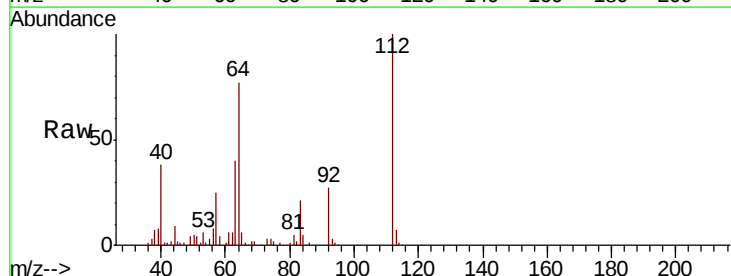
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



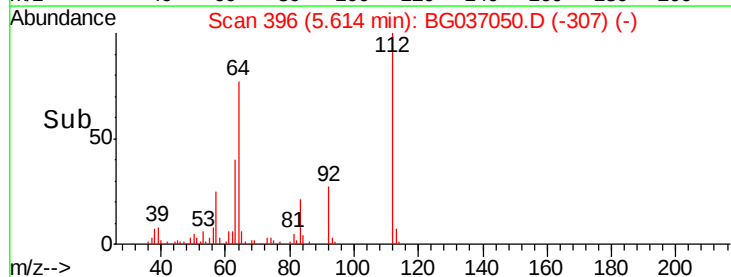
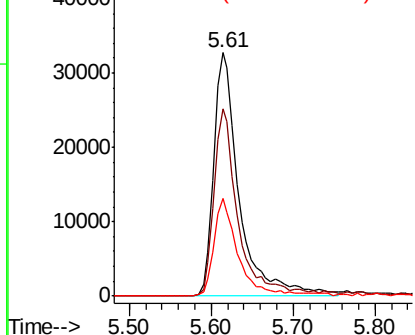
#5

2-Fluorophenol
Concen: 36.473 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Tgt Ion:112 Resp: 71281
Ion Ratio Lower Upper
112 100
64 76.9 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: 65.694 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

BNA_G

ClientSampled :

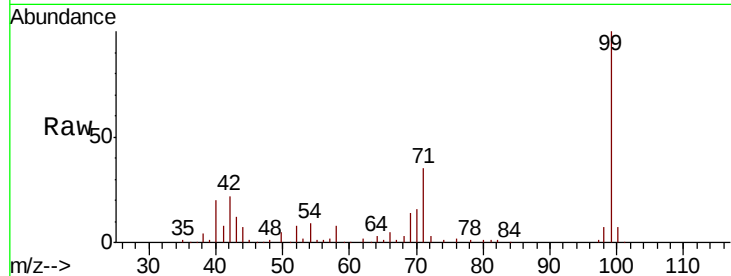
Tot Ion: 99 Resp: 198639

Ion Ratio Lower Upper

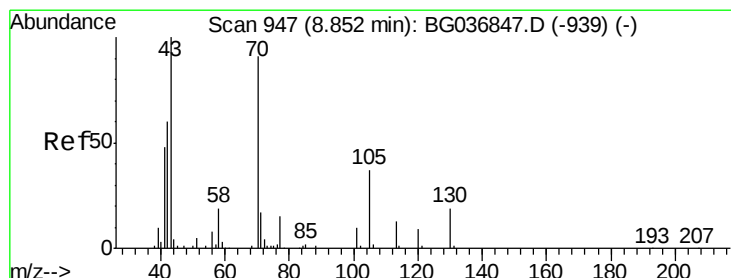
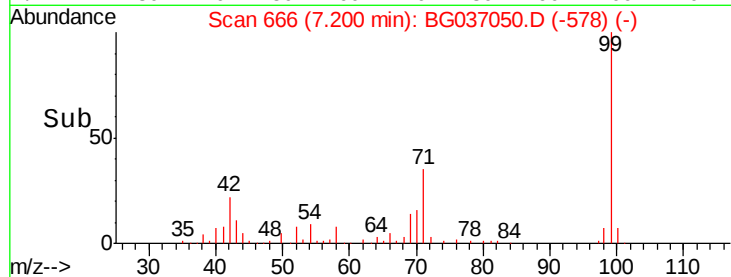
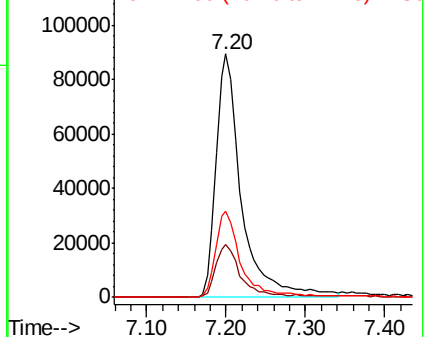
99 100

42 21.9 16.5 24.7

71 35.3 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: 8.713 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Tgt Ion: 70 Resp: 21917

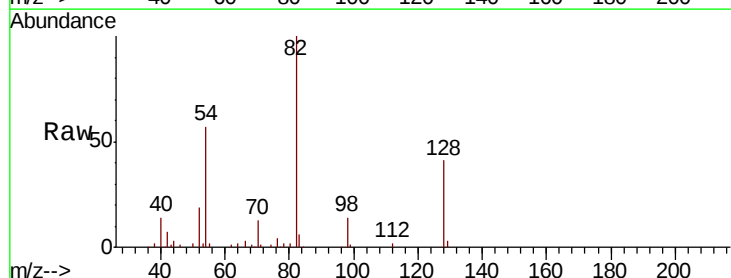
Ion Ratio Lower Upper

70 100

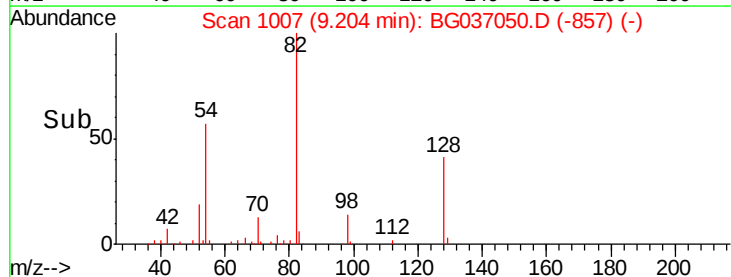
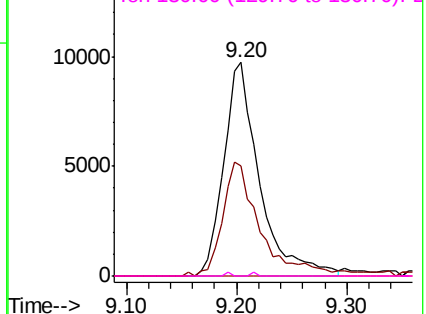
42 51.3 56.2 84.4#

101 0.0 7.8 11.6#

130 0.0 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

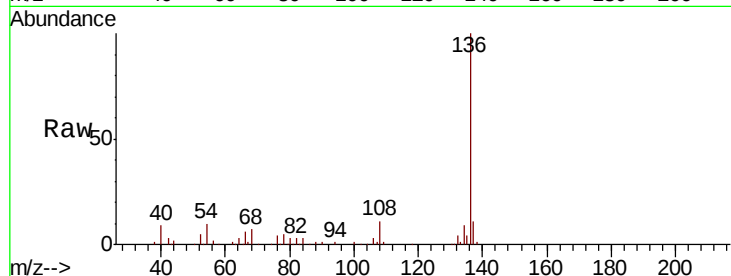




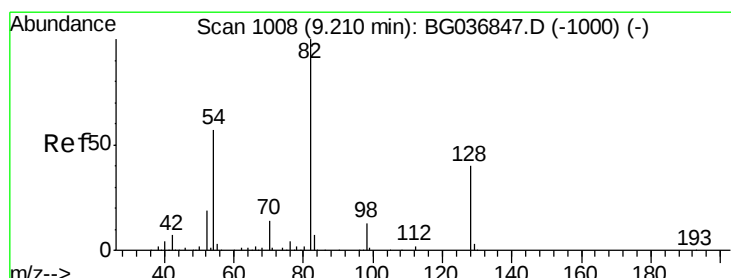
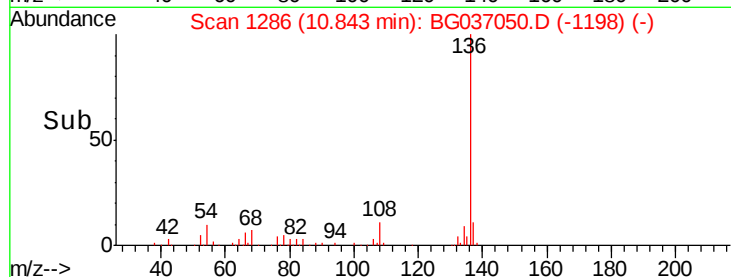
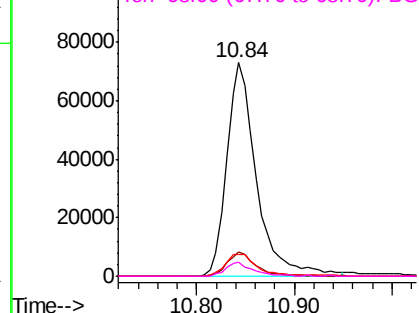
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	153892
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	10.4	9.2 13.8
68	6.8	5.8 8.6

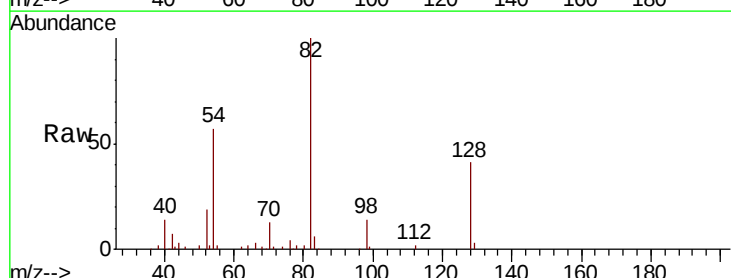


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

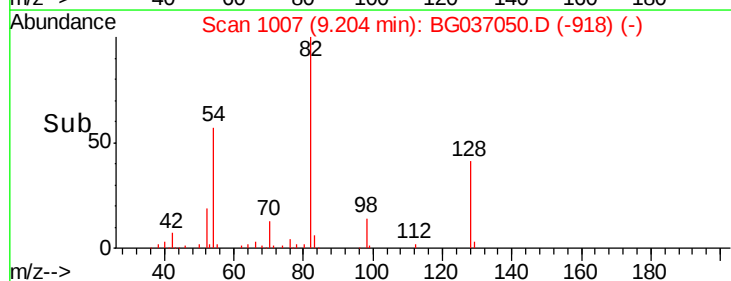
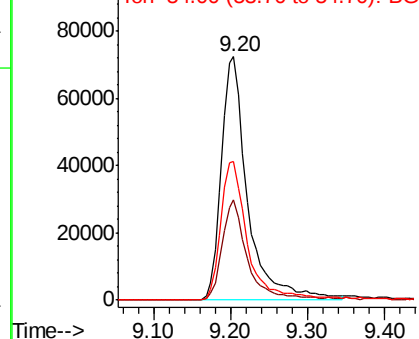


#23
Nitrobenzene-d5
Concen: 59.697 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Tgt Ion: 82	Resp:	171554
Ion	Ratio	Lower Upper
82	100	
128	41.0	33.3 49.9
54	57.0	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: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

BNA_G

ClientSampleId :

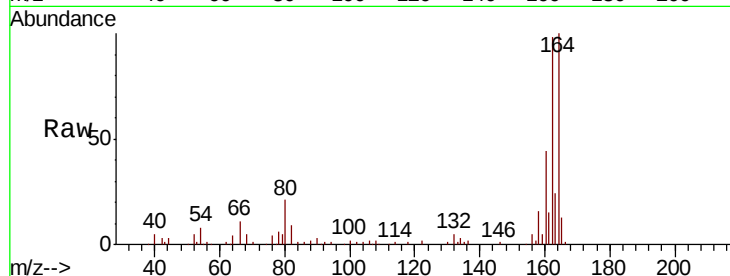
Tot Ion:164 Resp: 98541

Ion Ratio Lower Upper

164 100

162 97.7 80.7 121.1

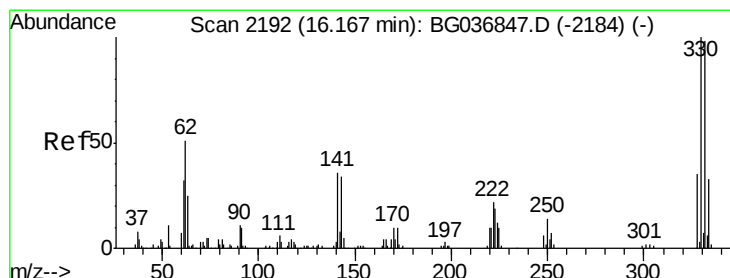
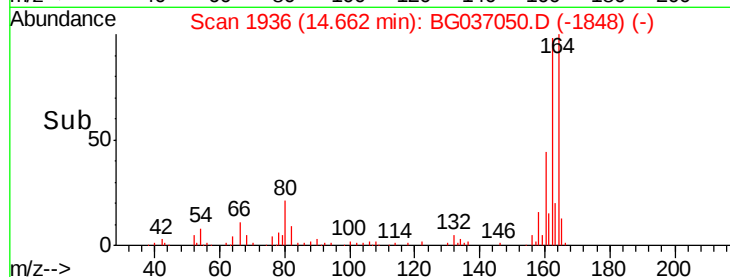
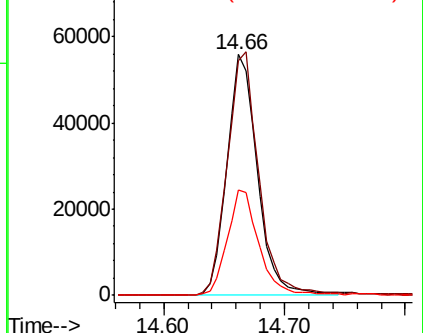
160 43.9 35.3 52.9



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: 14.631 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

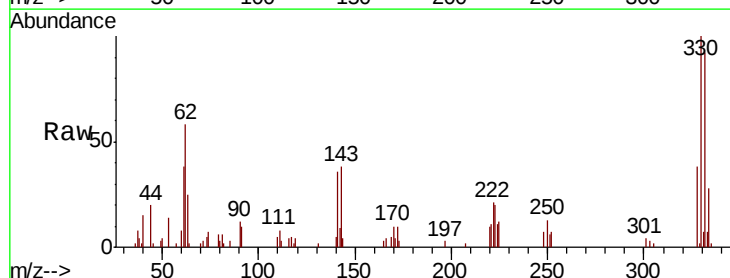
Tgt Ion:330 Resp: 17250

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.2

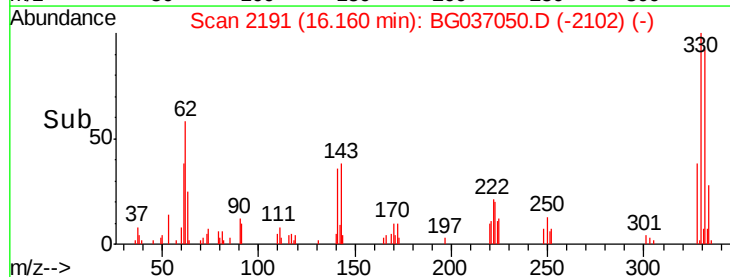
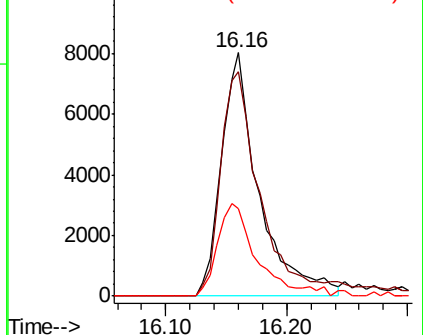
141 39.6 30.7 46.1



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

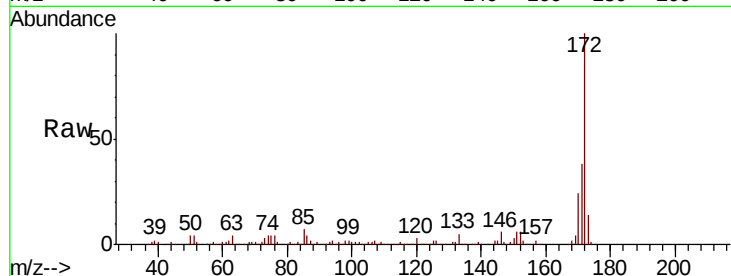




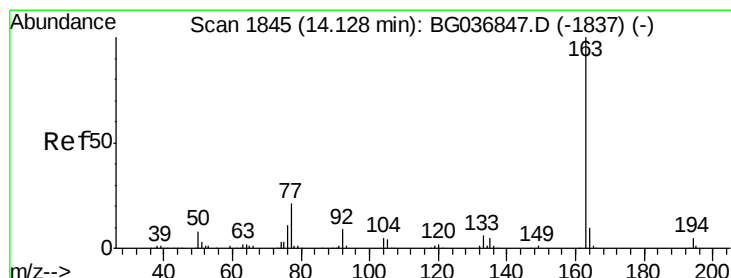
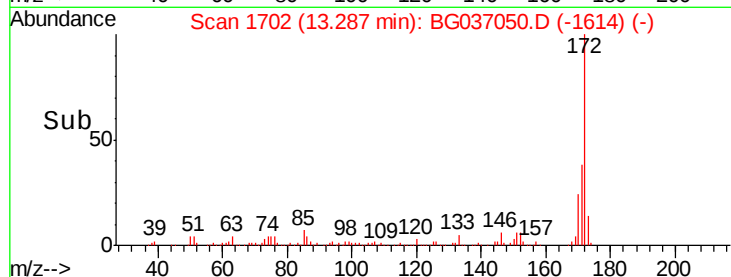
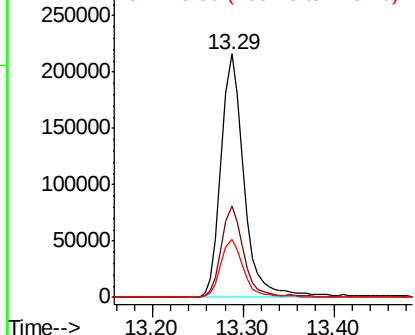
#44
2-Fluorobiphenyl
Concen: 57.774 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 382242
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 23.8 21.0 31.6

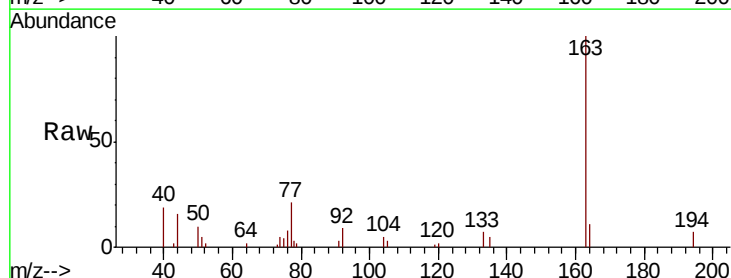


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

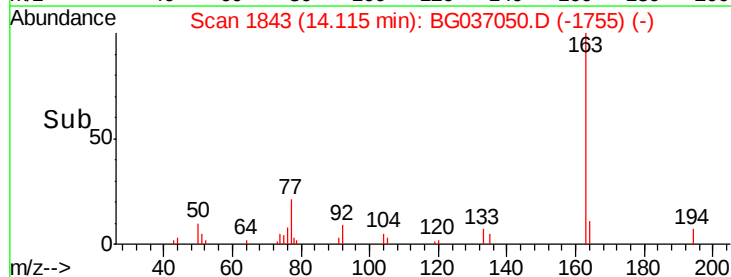
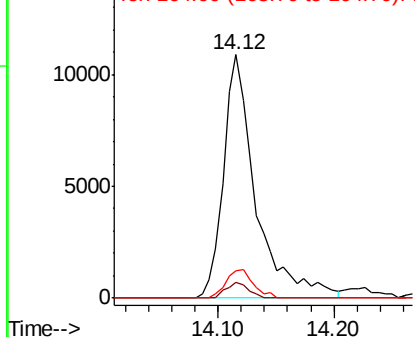


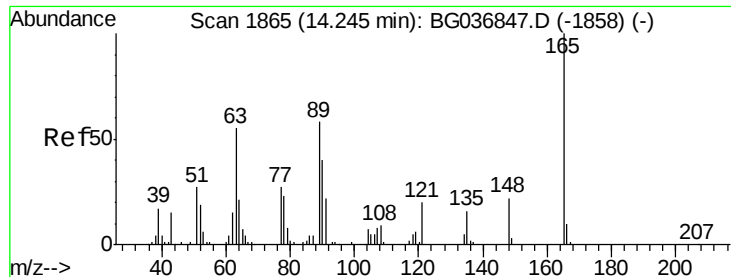
#49
Dimethylphthalate
Concen: 2.656 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Tgt Ion:163 Resp: 21065
Ion Ratio Lower Upper
163 100
194 6.6 4.0 6.0#
164 11.3 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

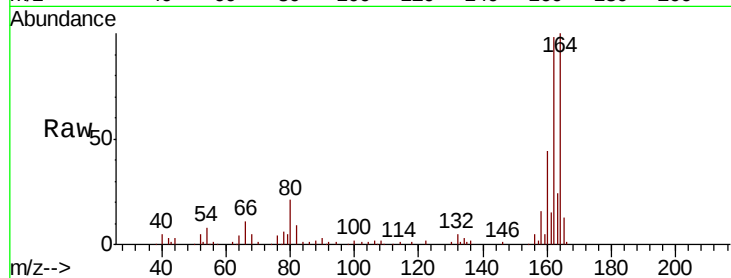




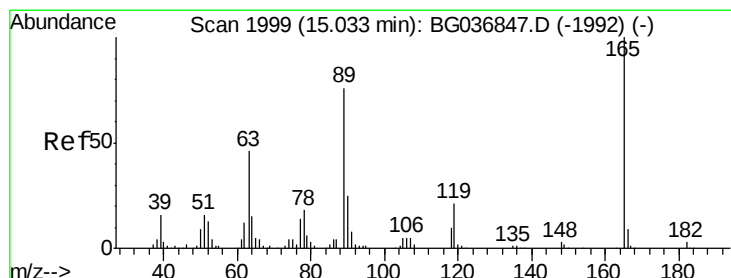
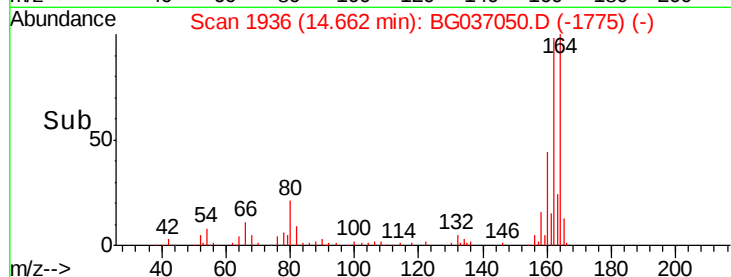
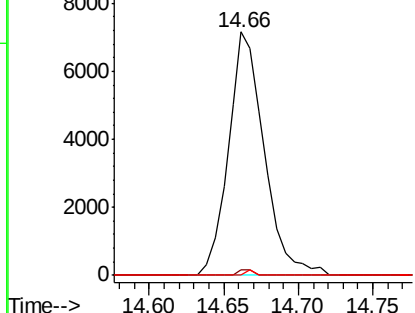
#50
 2,6-Dinitrotoluene
 Concen: 6.887 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037050.D
 Acq: 28 Sep 2018 14:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	0.0	47.8	71.6#

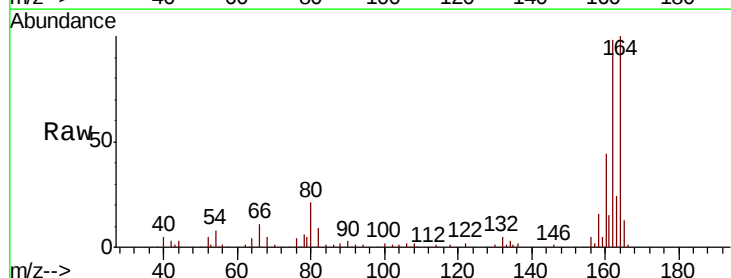


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

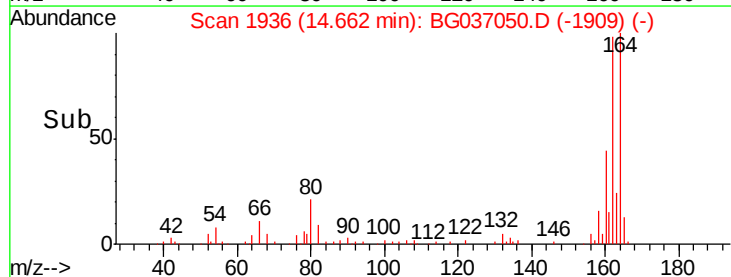
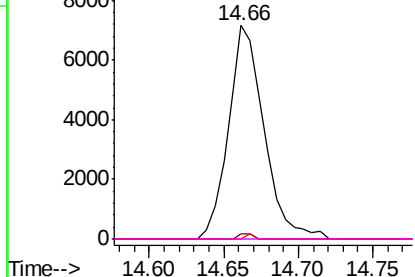


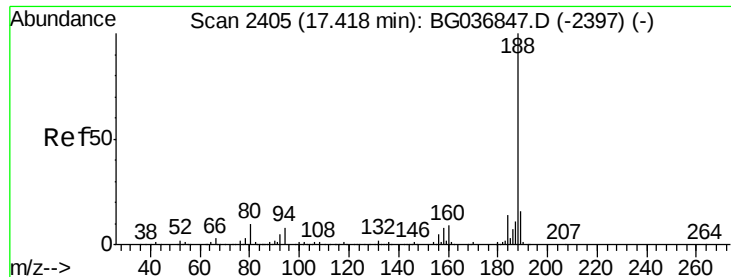
#56
 2,4-Dinitrotoluene
 Concen: 4.936 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037050.D
 Acq: 28 Sep 2018 14:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	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. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

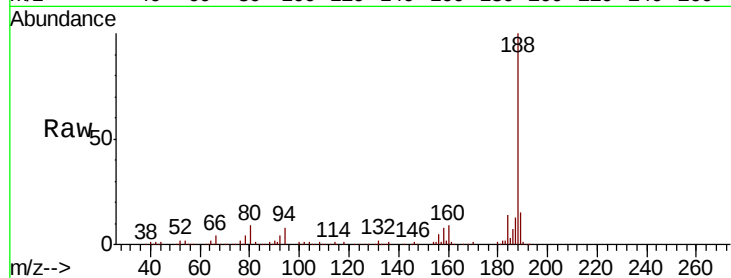
Instrument :

BNA_G

ClientSampleId :

Tot Ion:188 Resp: 262357

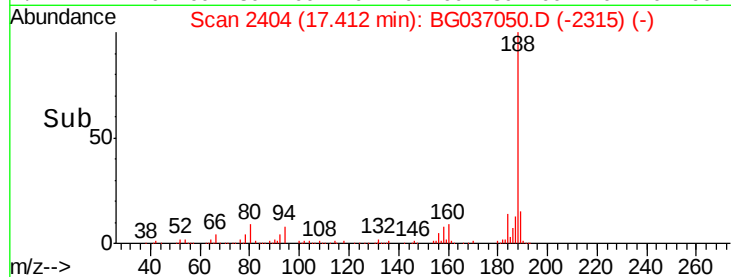
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.9	8.1	12.1



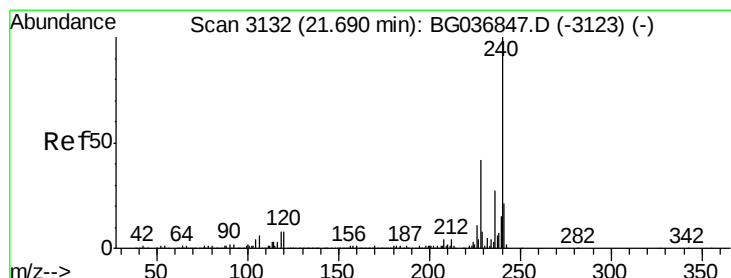
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

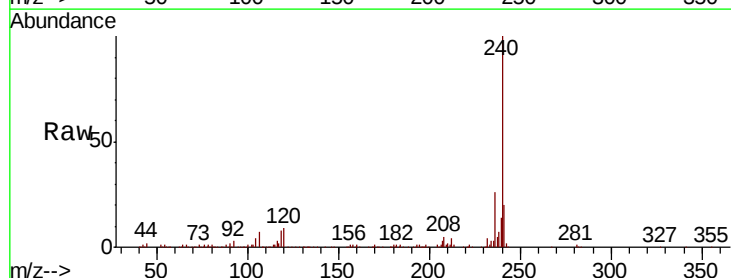
Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Tgt Ion:240 Resp: 282398

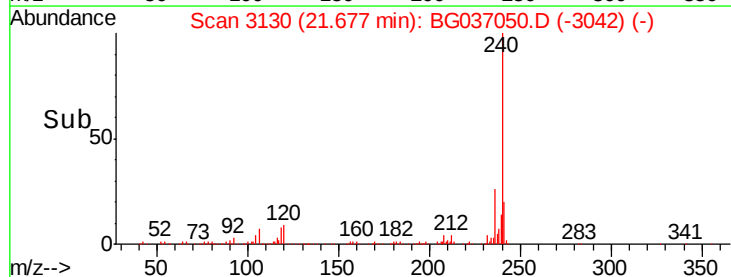
Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.2	21.2	31.8



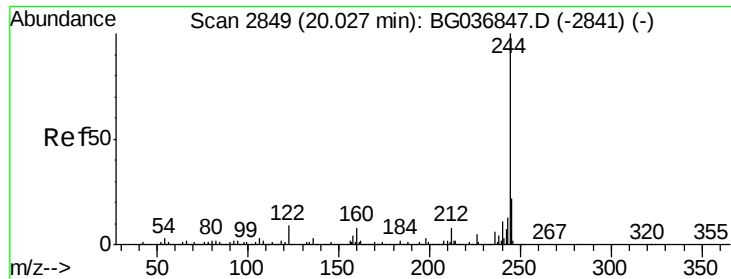
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 67.069 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

BNA_G

ClientSampleId :

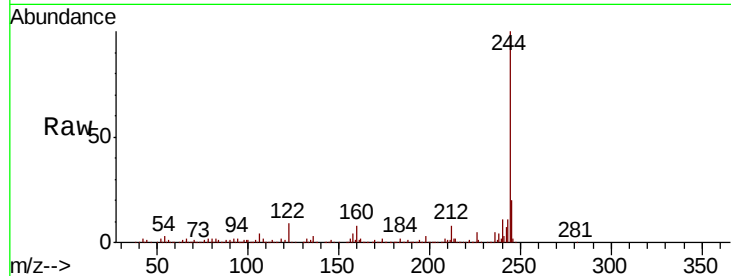
Tot Ion:244 Resp: 720302

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

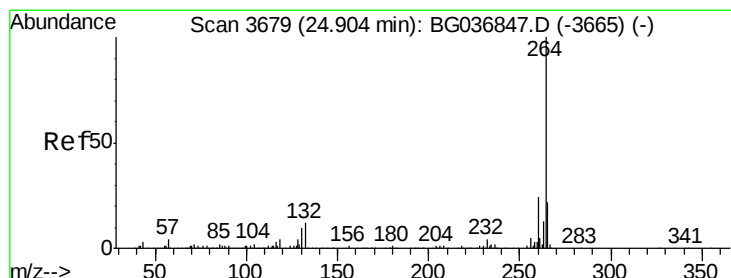
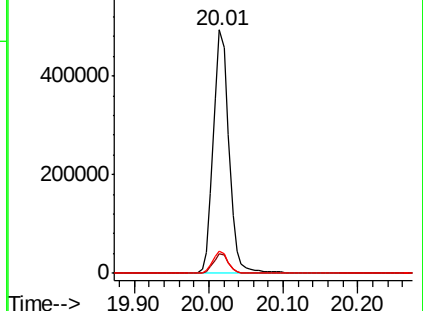
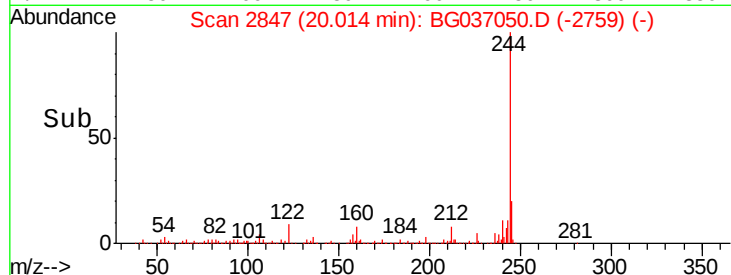
122 9.3 7.1 10.7



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# 3675

Delta R.T. -0.02 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

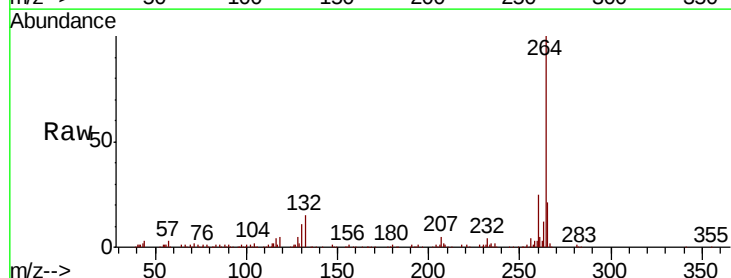
Tgt Ion:264 Resp: 275612

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 21.0 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

