

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037051.D
 Acq On : 28 Sep 2018 15:22
 Operator : JU/SJ
 Sample : J5099-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 16:16:06 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

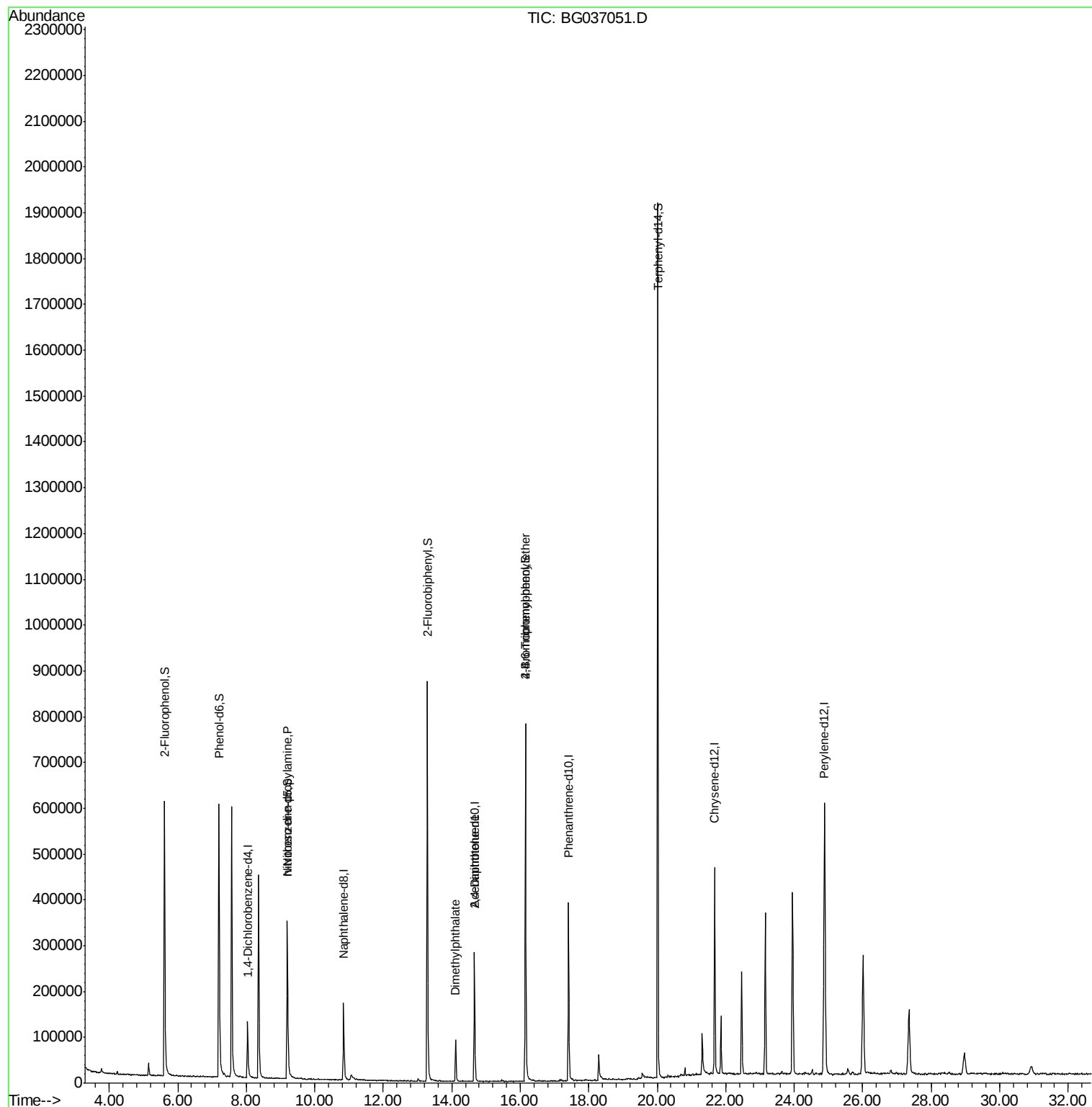
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40699	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169024	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	106076	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	279883	20.00	ng	0.00
75) Chrysene-d12	21.68	240	299287	20.00	ng	-0.01
86) Perylene-d12	24.87	264	301849	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	288022	135.72	ng	0.00
7) Phenol-d6	7.20	99	392026	119.40	ng	-0.01
23) Nitrobenzene-d5	9.20	82	262665	83.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	152805	120.40	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	498940	70.06	ng	-0.01
78) Terphenyl-d14	20.02	244	897155	78.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34805	12.742	ng	# 72
49) Dimethylphthalate	14.12	163	71339	8.355	ng	# 99
56) 2,4-Dinitrotoluene	14.66	165	13268	5.104	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	10907	3.426	ng	# 1

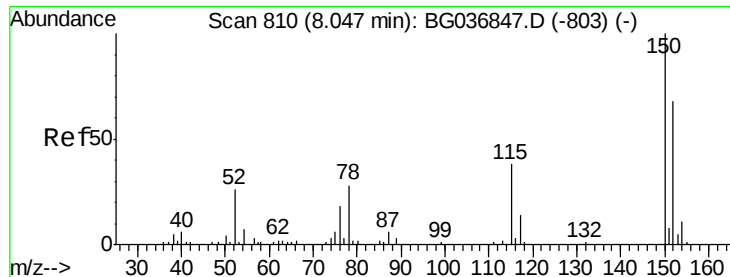
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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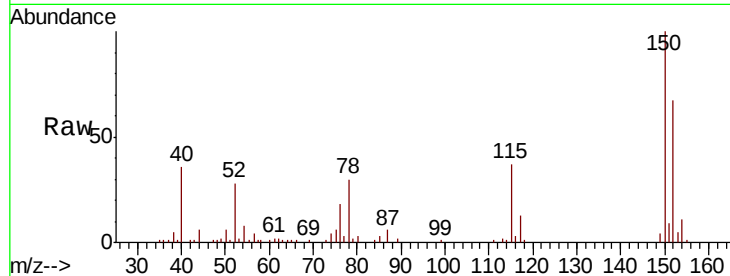


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	55.2	44.5	66.7

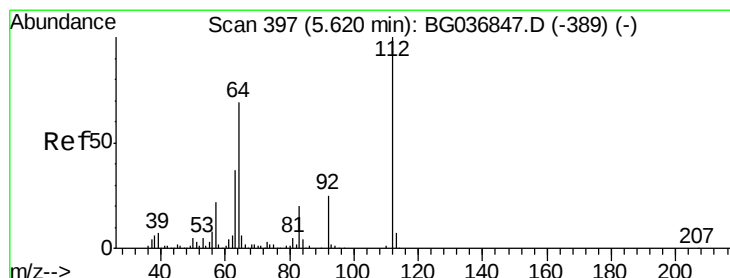
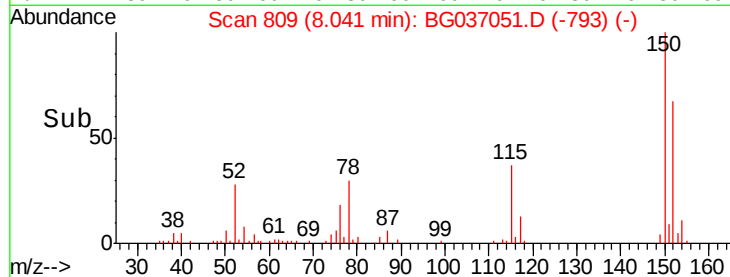
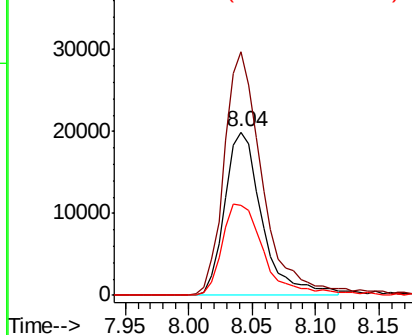


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

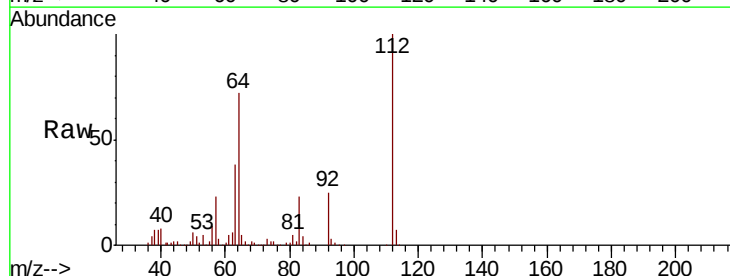
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 135.719 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	38.2	30.8	46.2

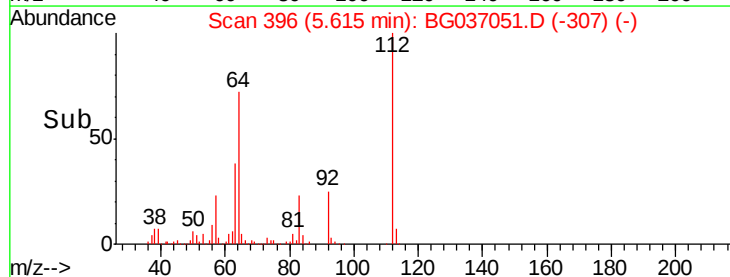
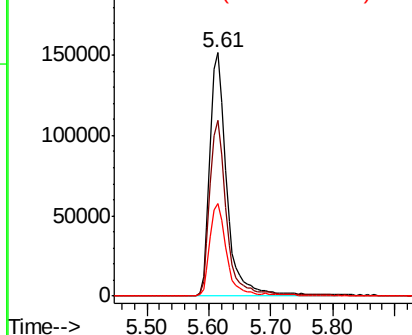


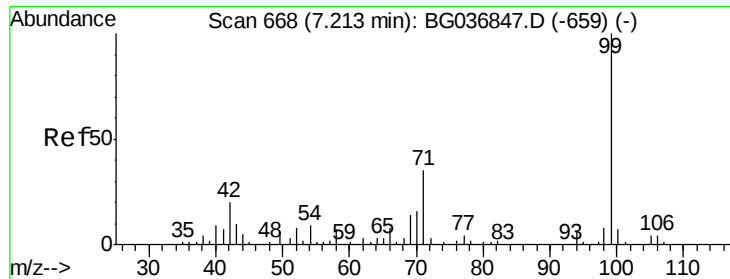
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.397 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037051.D

Acq: 28 Sep 2018 15:22

Instrument :

BNA_G

ClientSampled :

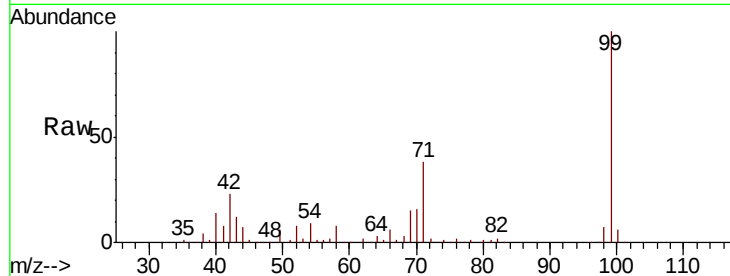
Tot Ion: 99 Resp: 392026

Ion Ratio Lower Upper

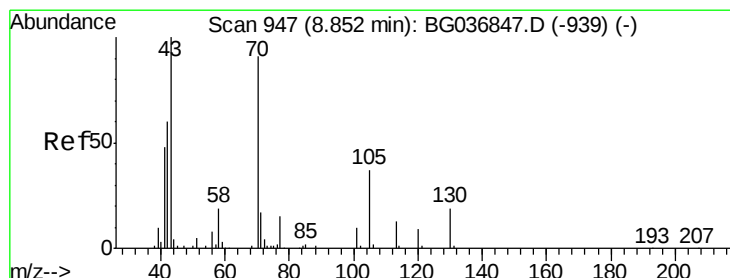
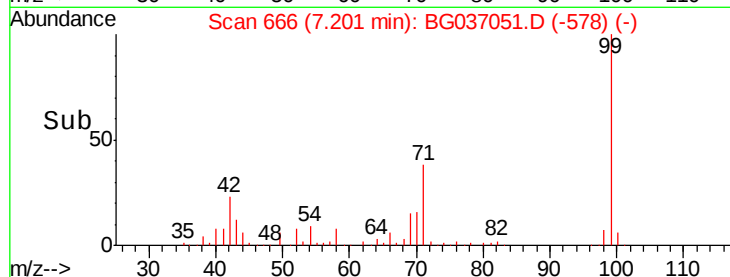
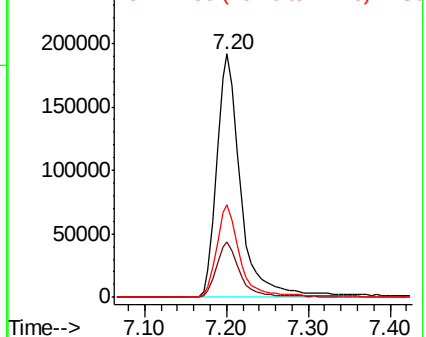
99 100

42 22.6 16.5 24.7

71 38.2 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: 12.742 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037051.D

Acq: 28 Sep 2018 15:22

Tgt Ion: 70 Resp: 34805

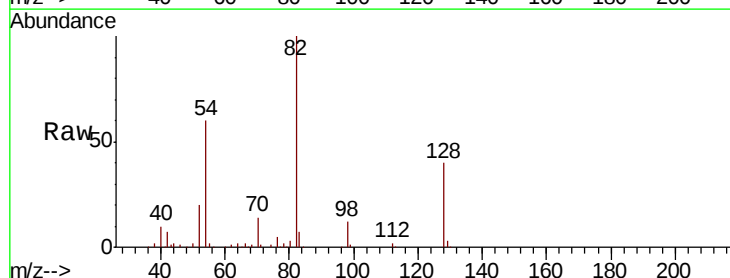
Ion Ratio Lower Upper

70 100

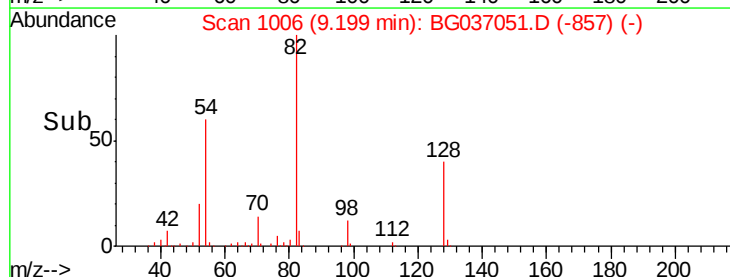
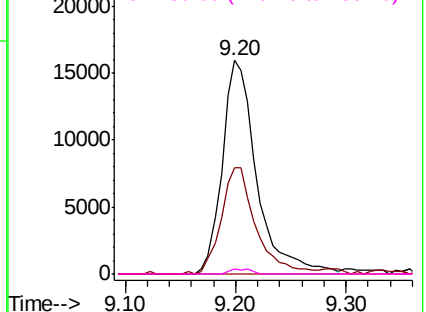
42 50.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.6 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

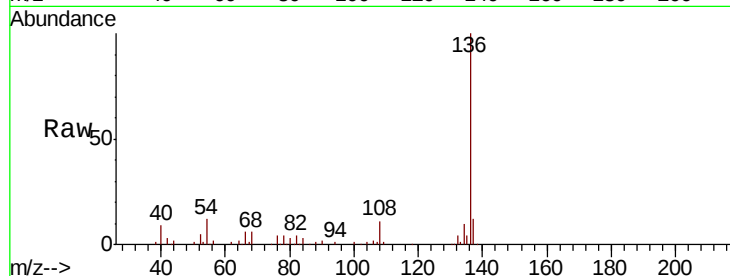




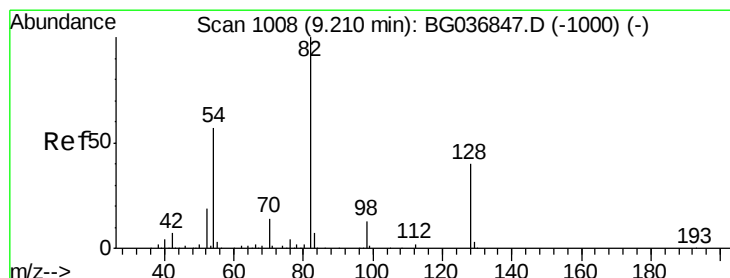
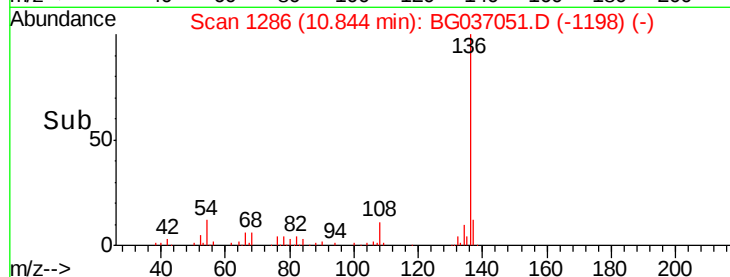
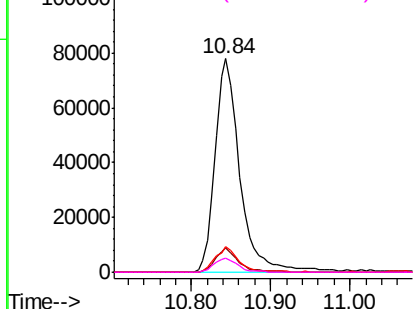
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037051.D
Acq: 28 Sep 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	169024	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.8	13.2	
54 11.8	9.2	13.8	
68 6.4	5.8	8.6	

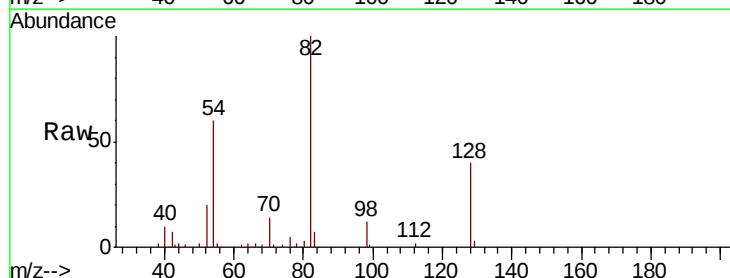


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

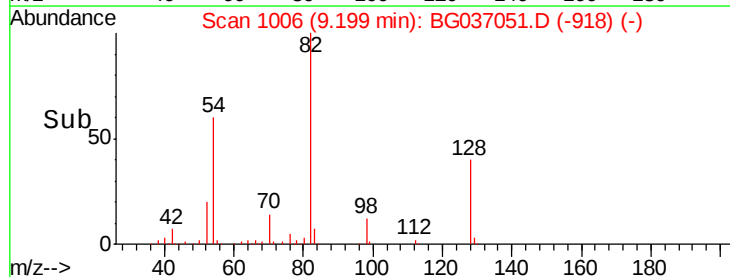
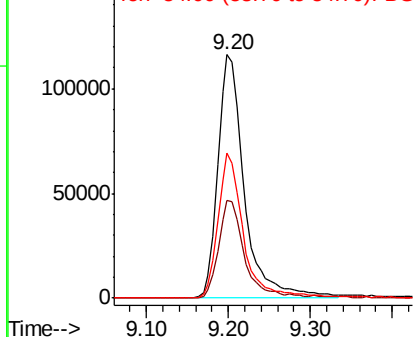


#23
Nitrobenzene-d5
Concen: 83.219 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037051.D
Acq: 28 Sep 2018 15:22

Tgt	Ion: 82	Resp:	262665
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	59.6	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: BG037051.D

Acq: 28 Sep 2018 15:22

Instrument :

BNA_G

ClientSampleId :

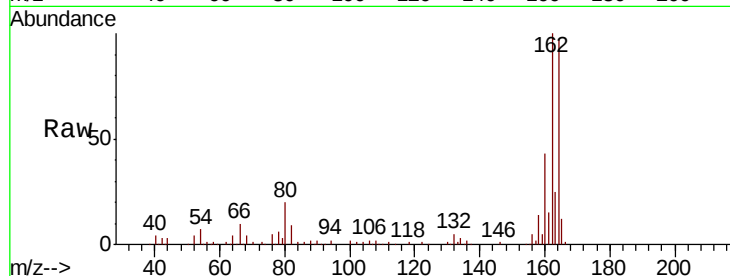
Tot Ion:164 Resp: 106076

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

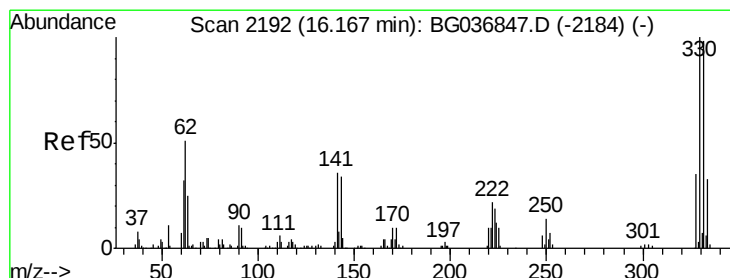
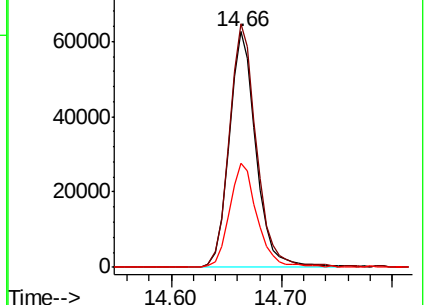
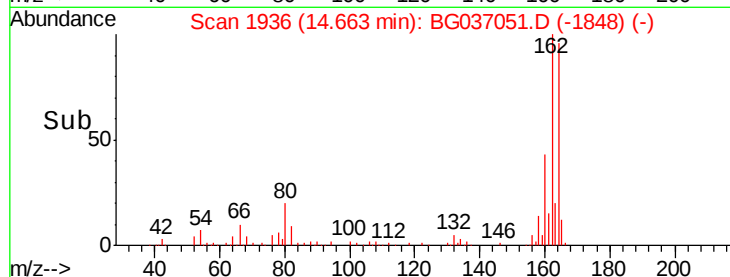
160 44.5 35.3 52.9



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: 120.401 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037051.D

Acq: 28 Sep 2018 15:22

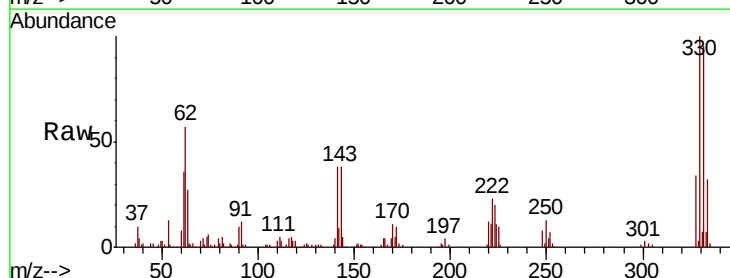
Tgt Ion:330 Resp: 152805

Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.2

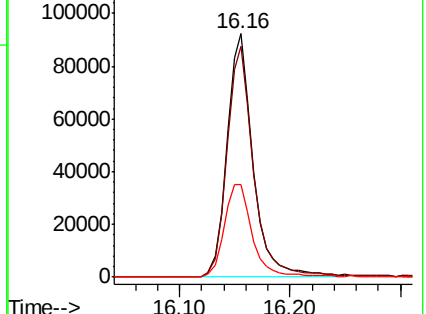
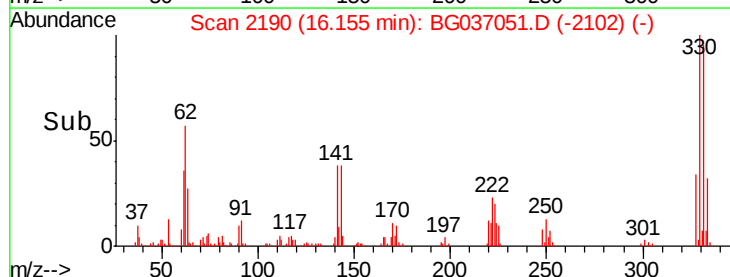
141 41.0 30.7 46.1



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

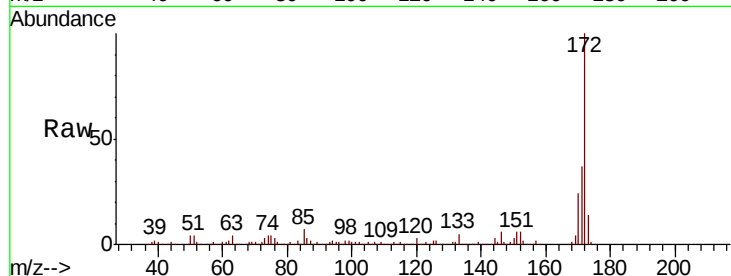




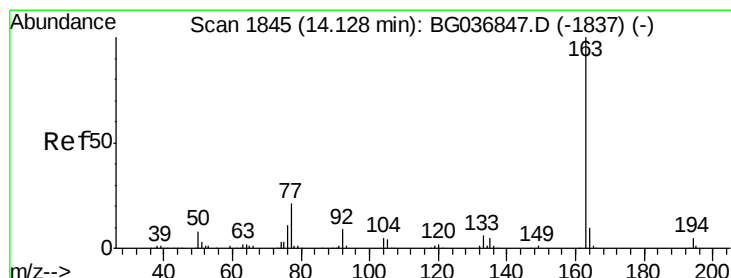
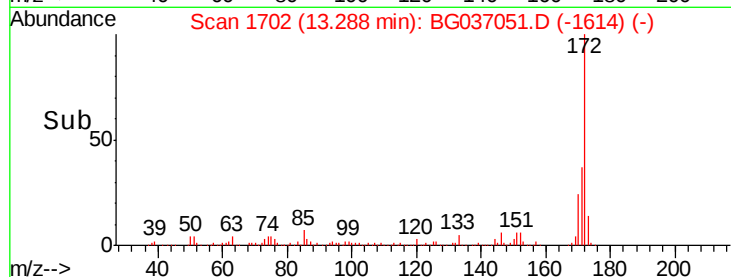
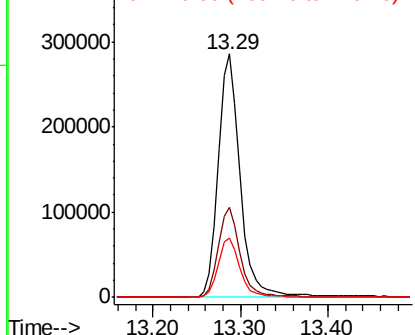
#44
2-Fluorobiphenyl
Concen: 70.055 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037051.D
Acq: 28 Sep 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 498940
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.5 21.0 31.6

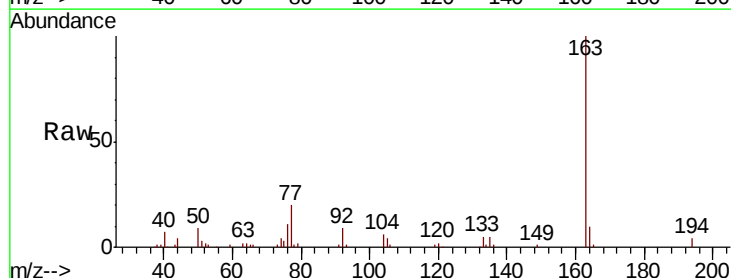


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

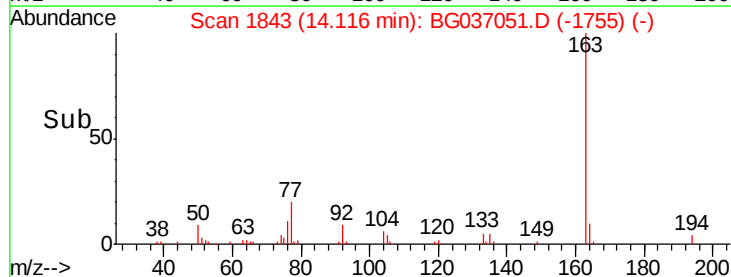
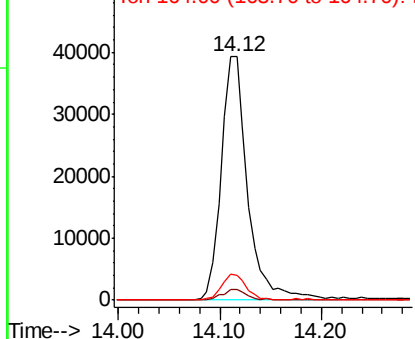


#49
Dimethylphthalate
Concen: 8.355 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037051.D
Acq: 28 Sep 2018 15:22

Tgt Ion:163 Resp: 71339
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.2 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

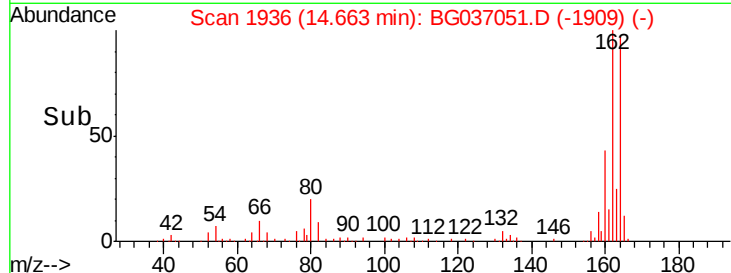
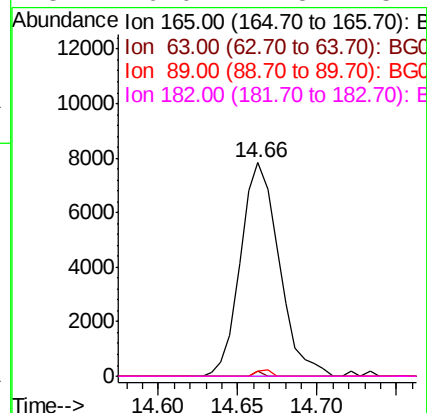
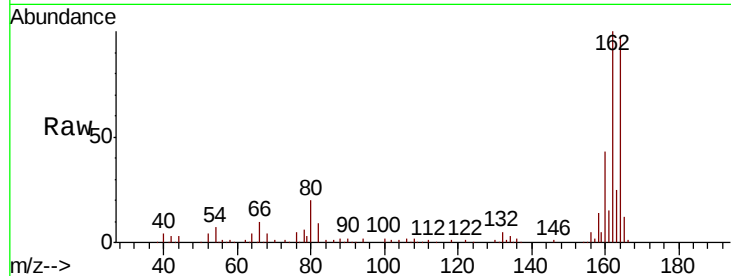




#56
 2,4-Dinitrotoluene
 Concen: 5.104 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

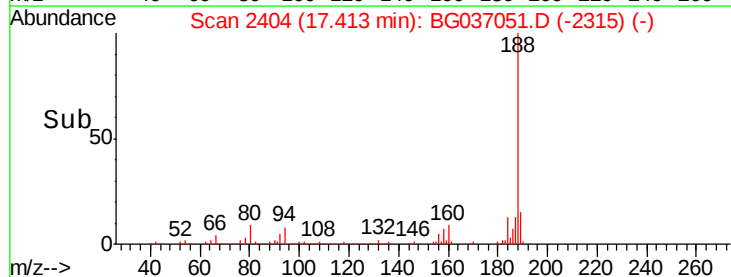
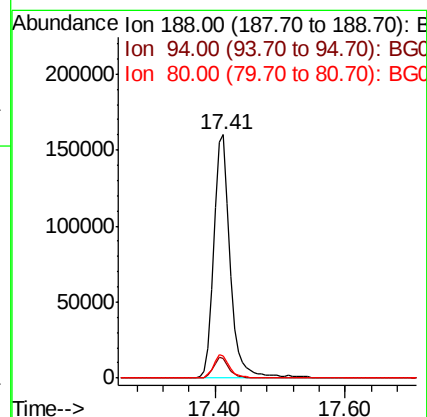
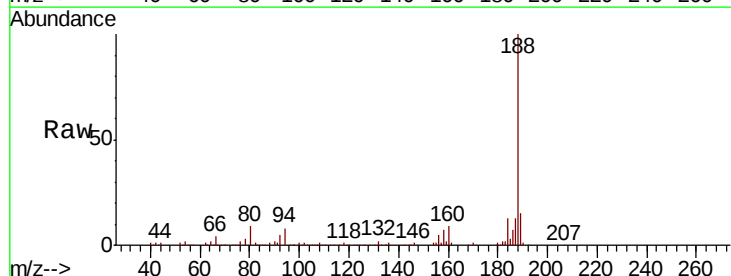
Instrument :
 BNA_G
 ClientSampleId :

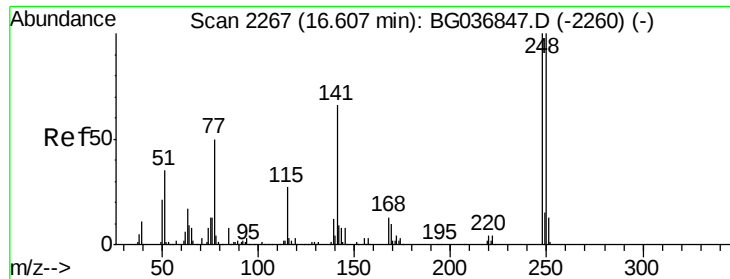
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

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

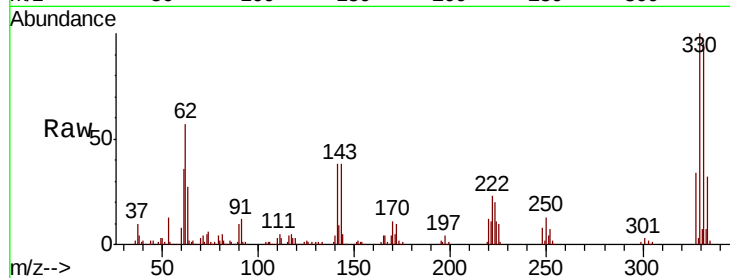




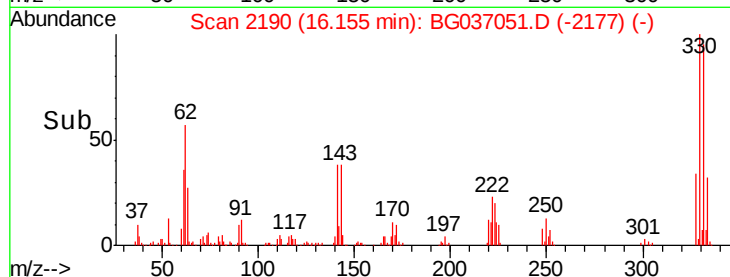
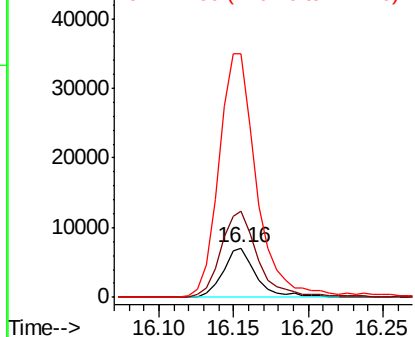
#66
 4-Bromophenyl-phenylether
 Concen: 3.426 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10907
 Ion Ratio Lower Upper
 248 100
 250 173.8 78.1 117.1#
 141 493.0 53.7 80.5#

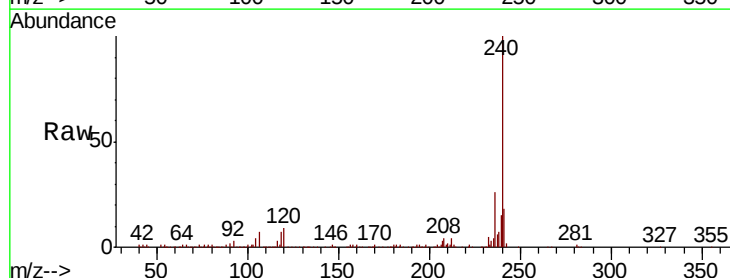


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

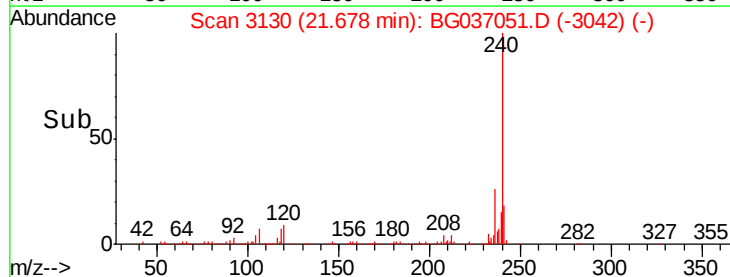
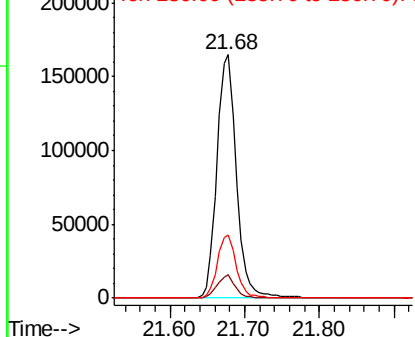


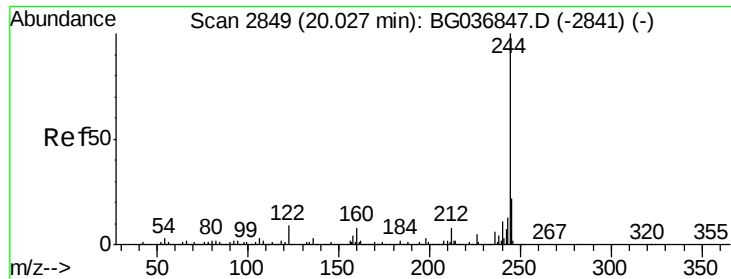
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037051.D
 Acq: 28 Sep 2018 15:22

Tgt Ion:240 Resp: 299287
 Ion Ratio Lower Upper
 240 100
 120 9.4 6.9 10.3
 236 25.9 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: 78.823 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037051.D

Acq: 28 Sep 2018 15:22

Instrument :

BNA_G

ClientSampled :

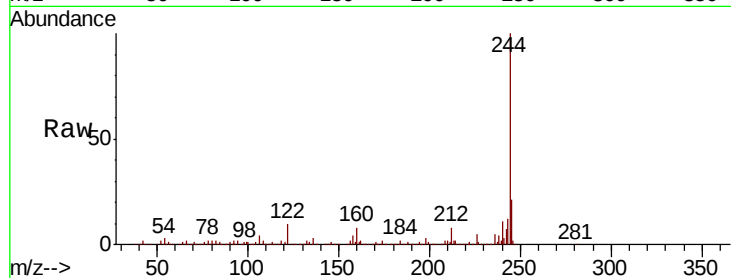
Tot Ion:244 Resp: 897155

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

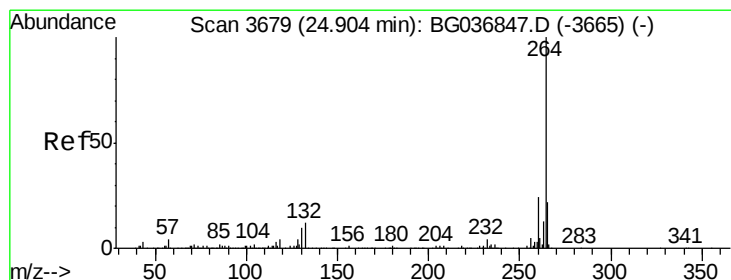
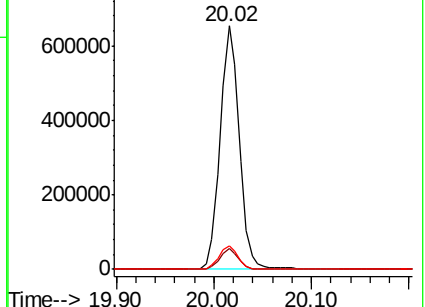
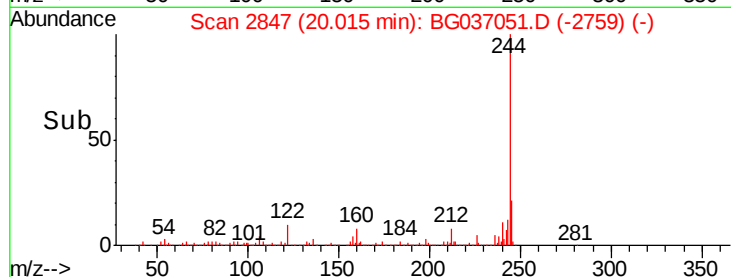
122 9.6 7.1 10.7



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: BG037051.D

Acq: 28 Sep 2018 15:22

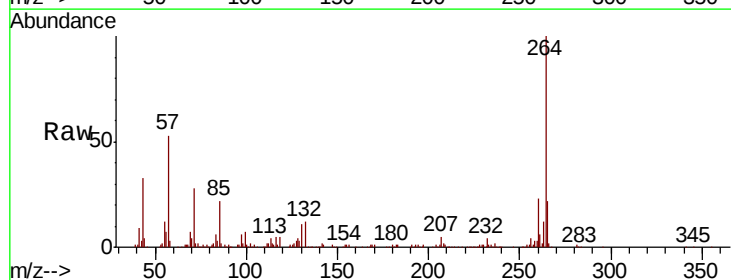
Tgt Ion:264 Resp: 301849

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.9 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

