

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100418\
 Data File : BG037139.D
 Acq On : 3 Oct 2018 18:41
 Operator : JU/SJ
 Sample : J5211-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Quant Time: Oct 04 04:22:42 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

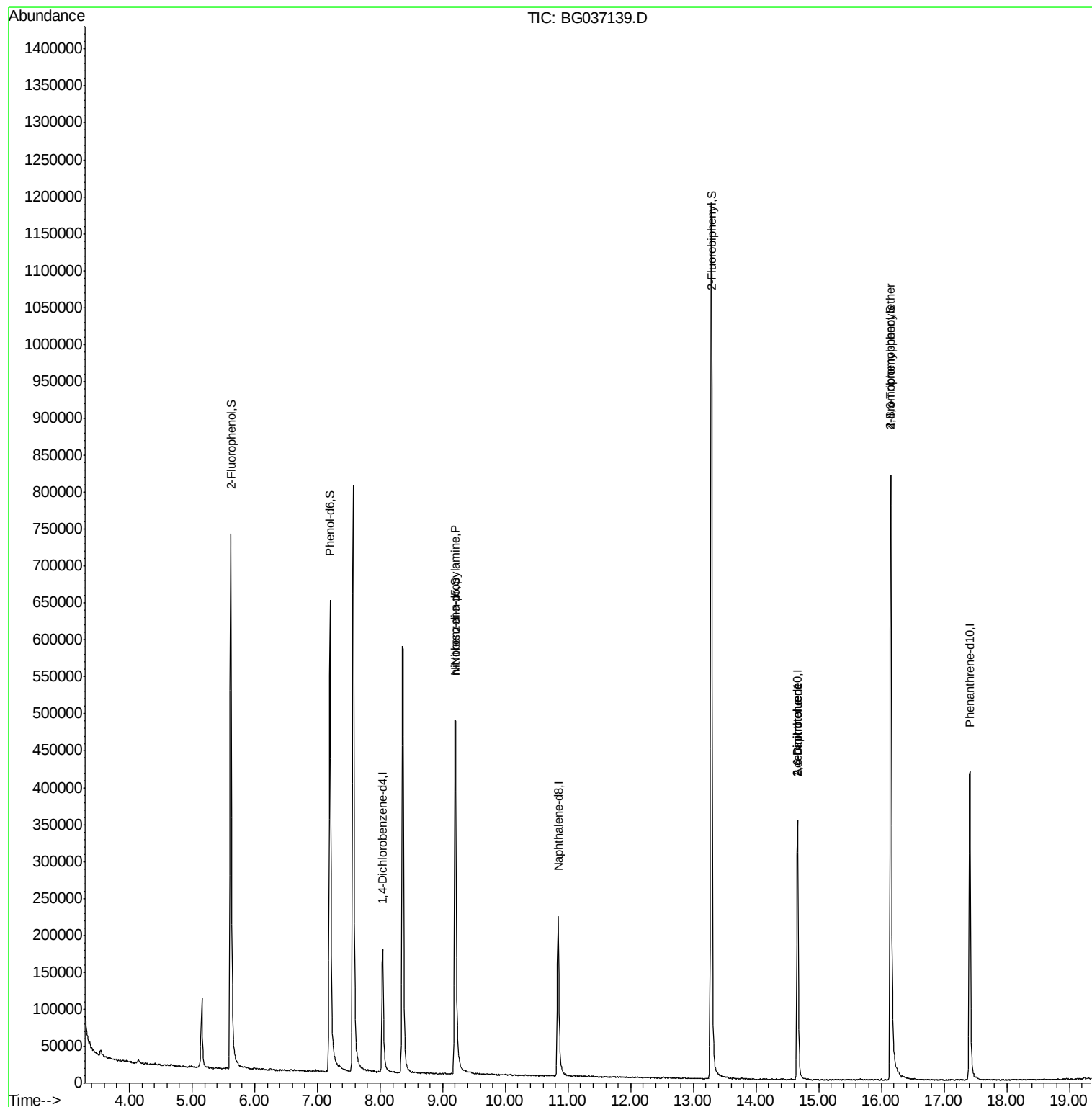
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55126	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	220383	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	130751	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	318206	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.69
86) Perylene-d12	0.00	264	0	0.00	ng	-24.90
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	348418	121.21	ng	0.00
7) Phenol-d6	7.20	99	426931	96.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	369046	89.67	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	176787	113.01	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	715246	81.47	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	47519	12.844	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	16609	7.233	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	16609	5.184	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	12327	3.406	ng	# 1

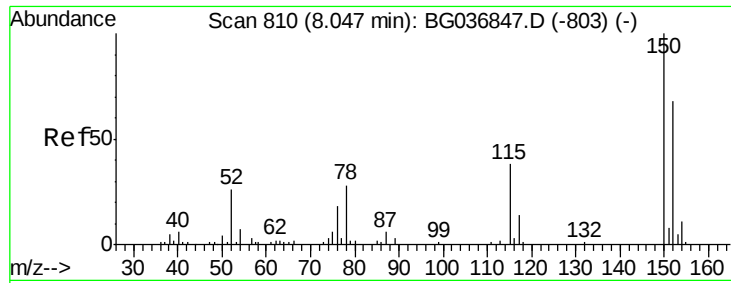
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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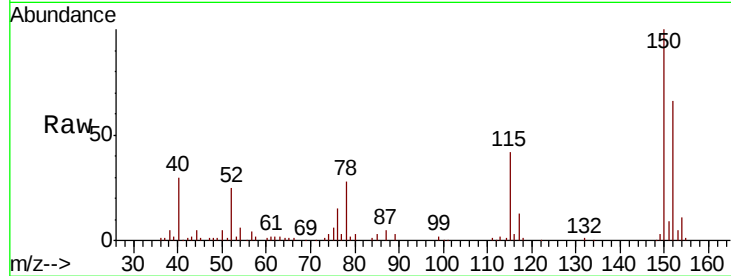


#1

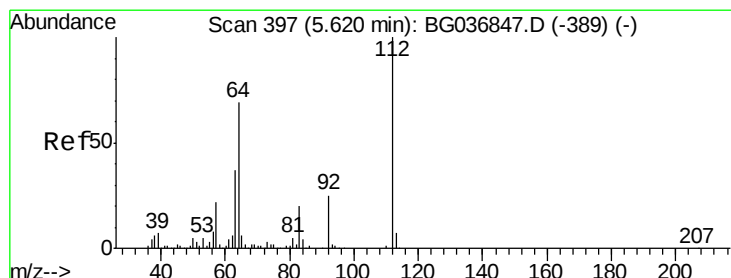
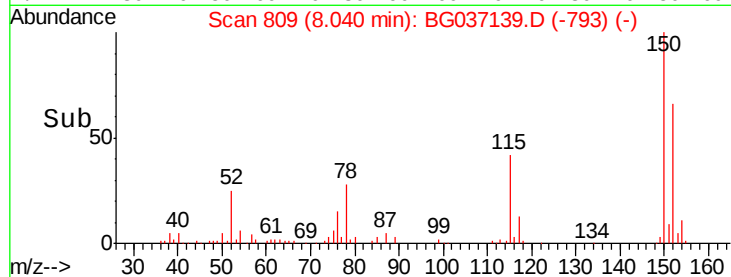
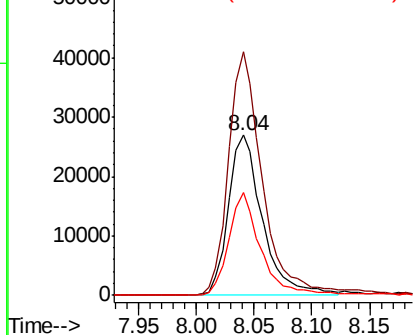
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037139.D
Acq: 3 Oct 2018 18:41

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID41-1

Tgt Ion:152 Resp: 55126
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 64.5 44.5 66.7



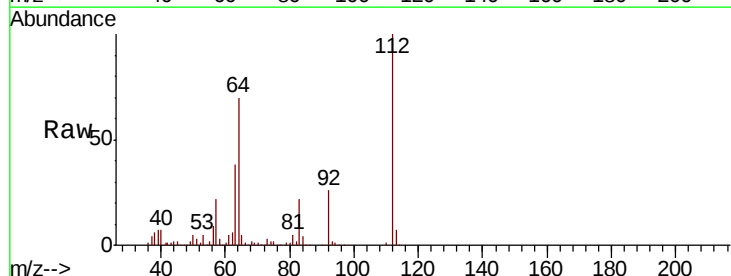
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



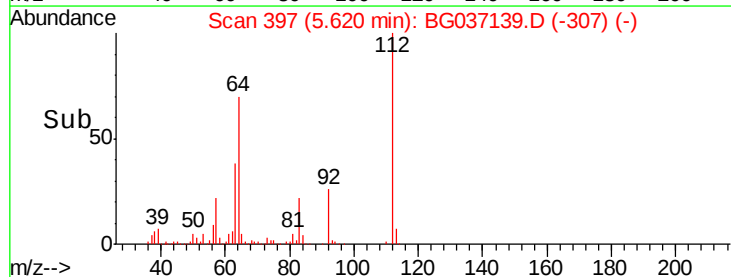
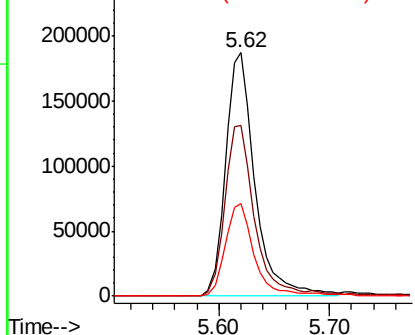
#5

2-Fluorophenol
Concen: 121.211 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG037139.D
Acq: 3 Oct 2018 18:41

Tgt Ion:112 Resp: 348418
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 38.1 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: 95.998 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037139.D

Acq: 3 Oct 2018 18:41

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID41-1

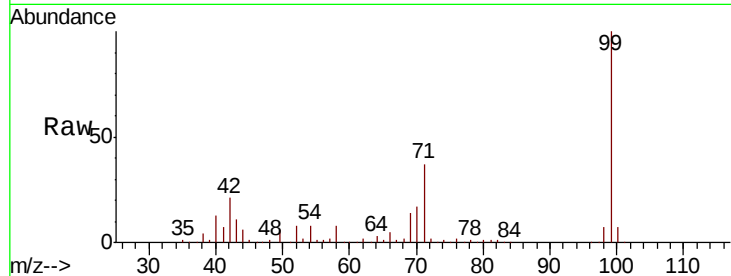
Tgt Ion: 99 Resp: 426931

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

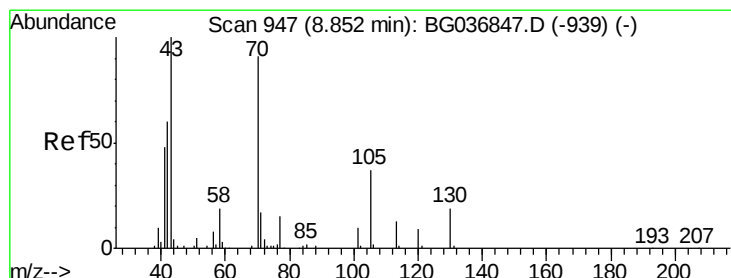
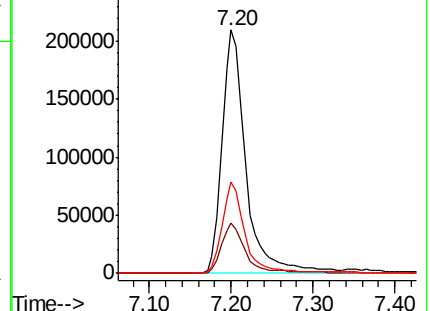
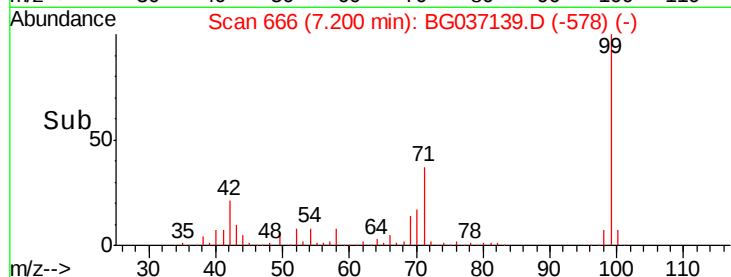
71 37.3 29.4 44.2



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: 12.844 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037139.D

Acq: 3 Oct 2018 18:41

Tgt Ion: 70 Resp: 47519

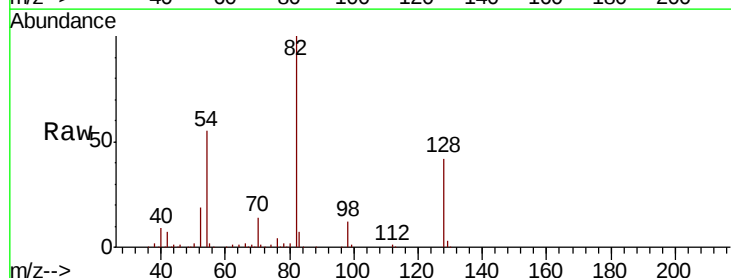
Ion Ratio Lower Upper

70 100

42 51.1 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

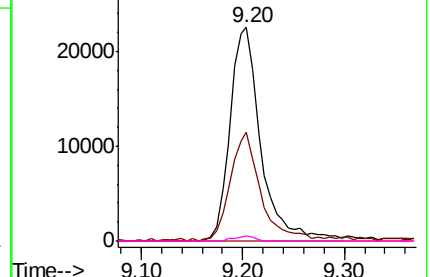
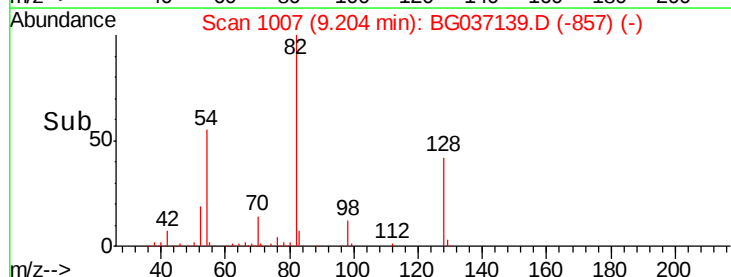


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

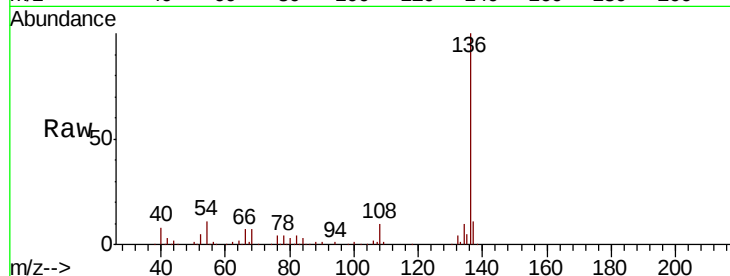




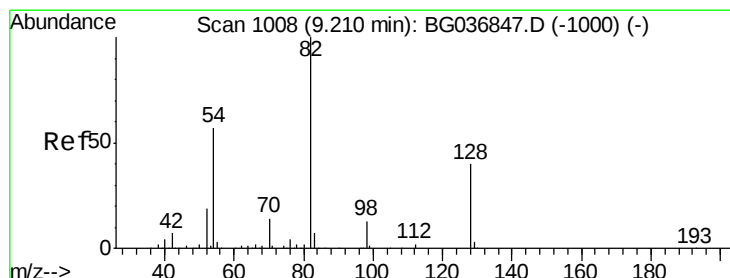
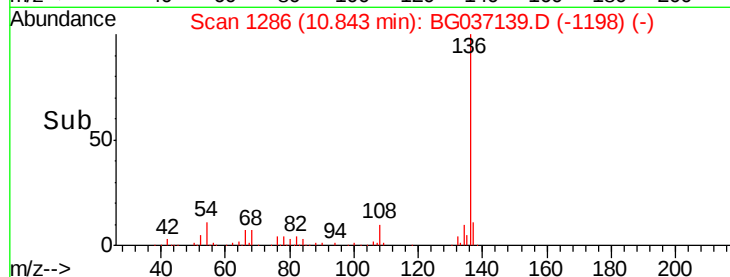
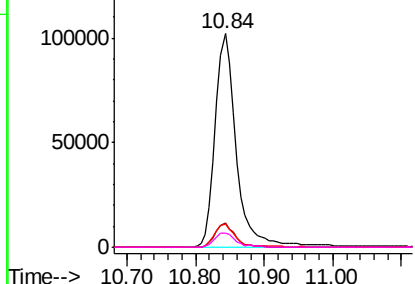
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037139.D
Acq: 3 Oct 2018 18:41

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID41-1

Tgt Ion:	136	Resp:	220383
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.7	9.2	13.8
68	6.5	5.8	8.6

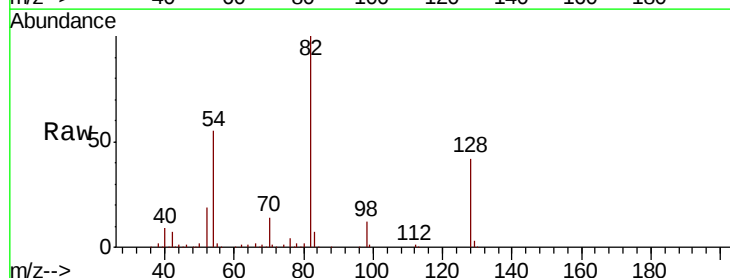


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

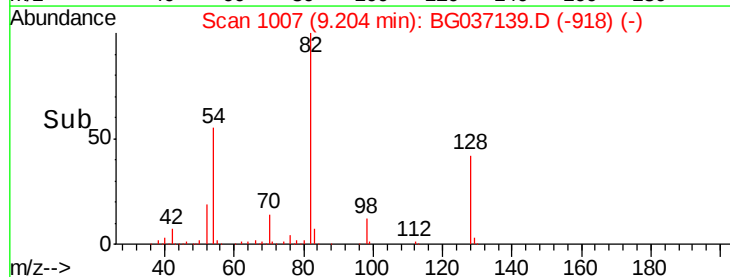
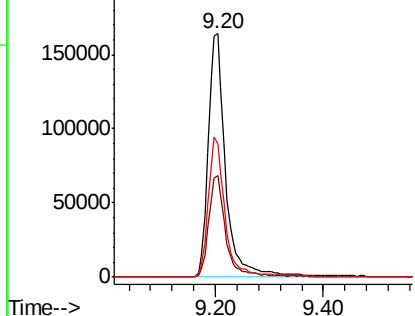


#23
Nitrobenzene-d5
Concen: 89.675 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037139.D
Acq: 3 Oct 2018 18:41

Tgt Ion:	82	Resp:	369046
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.9	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: BG037139.D

Acq: 3 Oct 2018 18:41

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID41-1

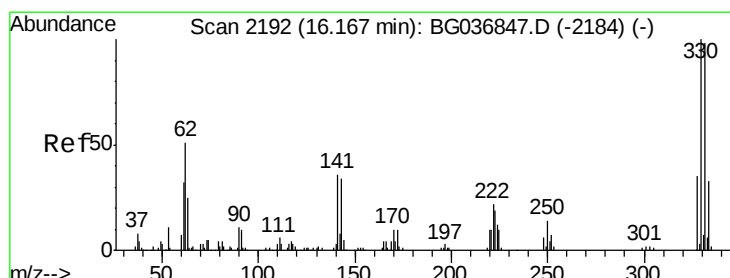
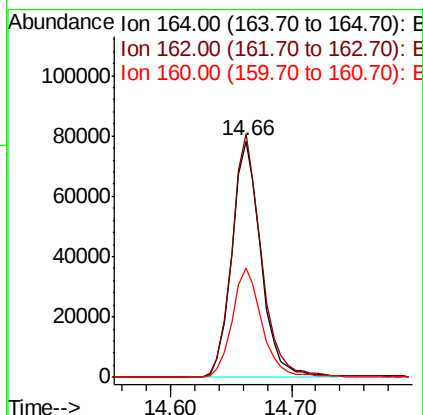
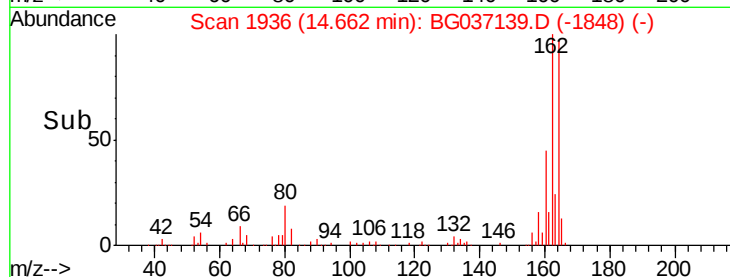
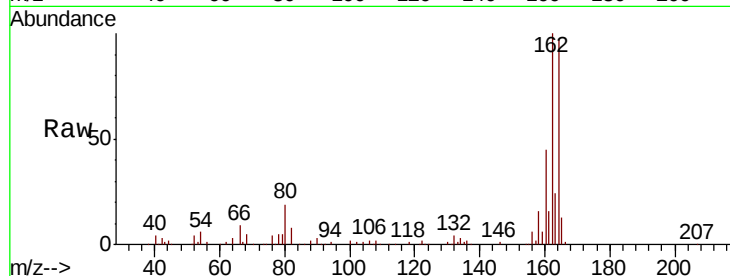
Tgt Ion:164 Resp: 130751

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 46.3 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 113.009 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037139.D

Acq: 3 Oct 2018 18:41

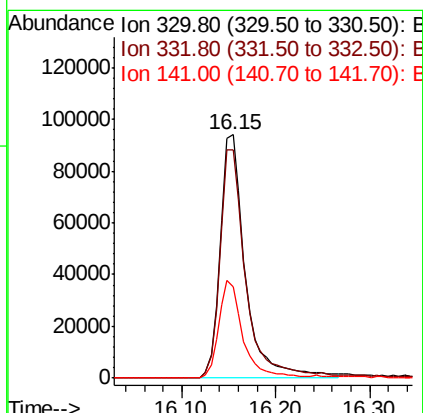
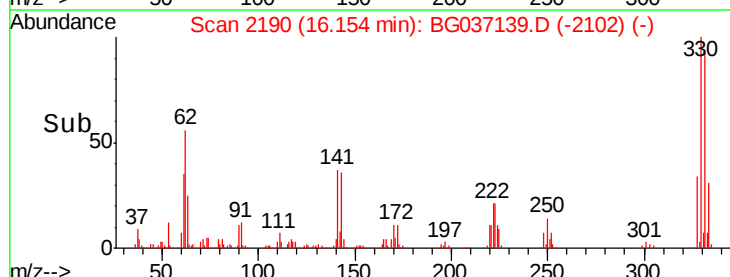
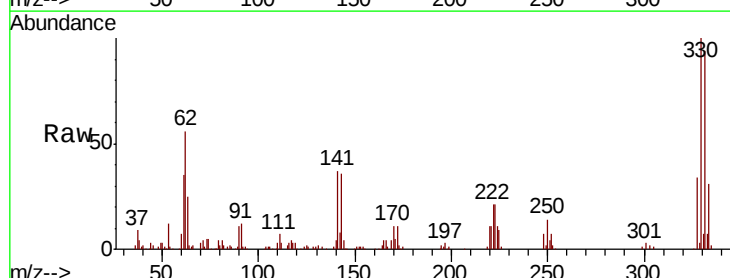
Tgt Ion:330 Resp: 176787

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

141 39.0 30.7 46.1

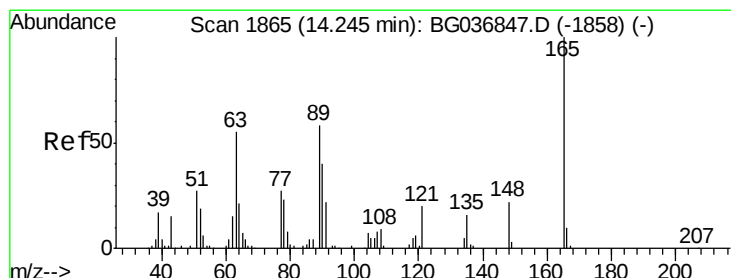
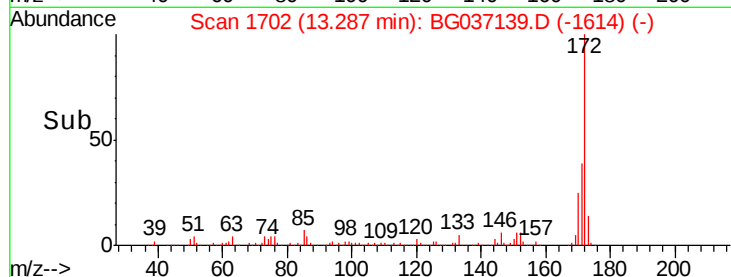
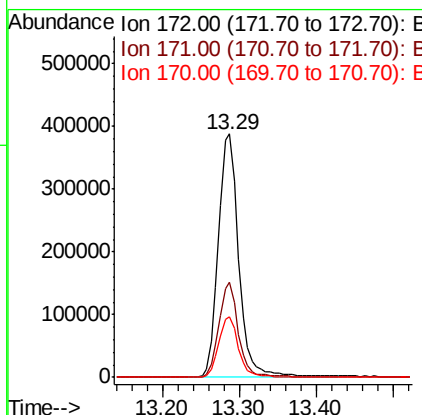
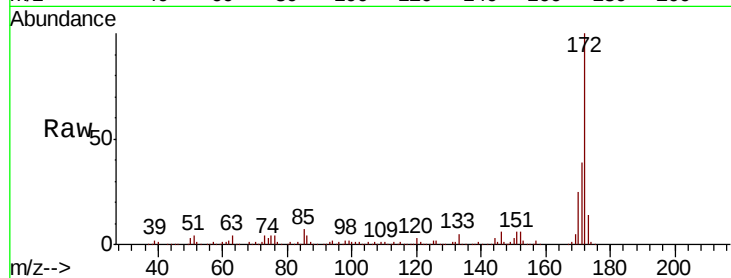




#44
 2-Fluorobiphenyl
 Concen: 81.474 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

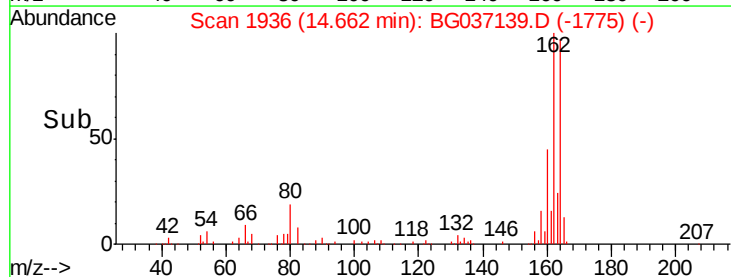
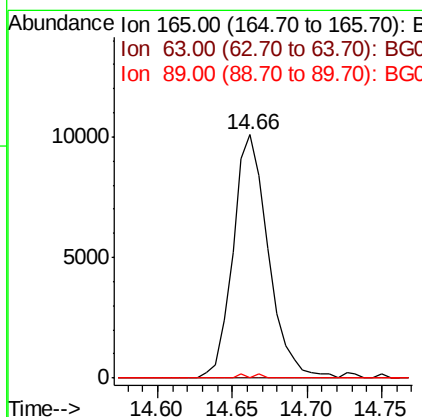
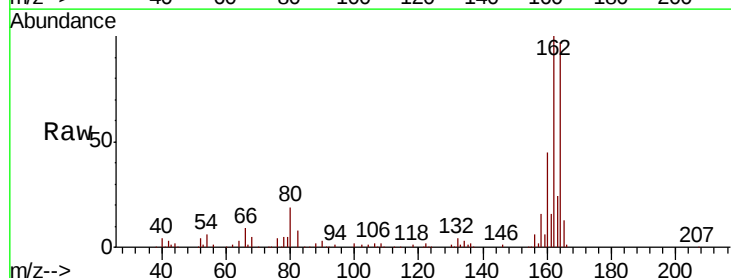
Instrument :
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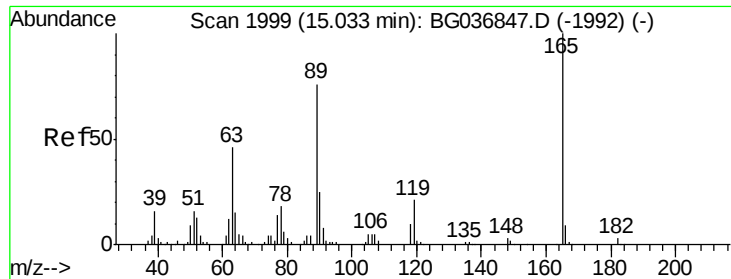
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	24.8	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.233 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

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

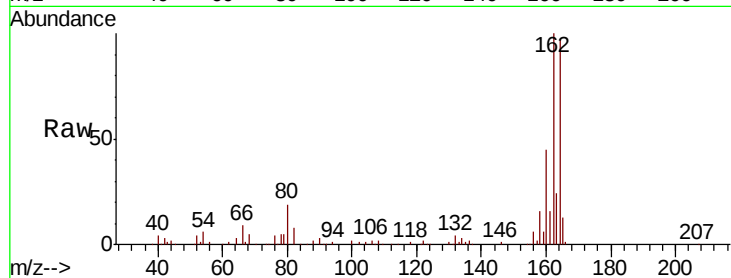




#56
 2,4-Dinitrotoluene
 Concen: 5.184 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Tgt 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#



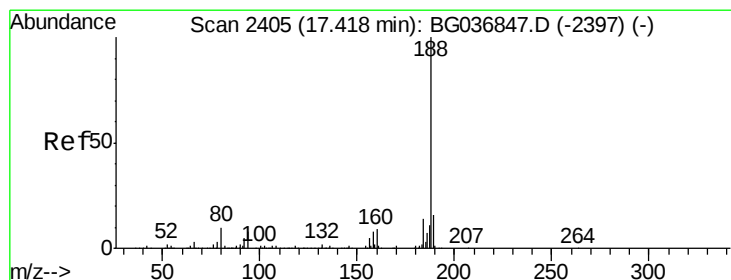
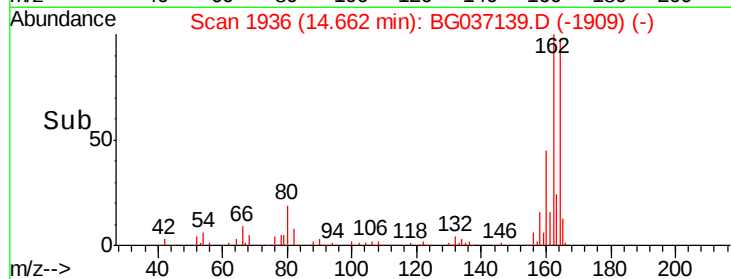
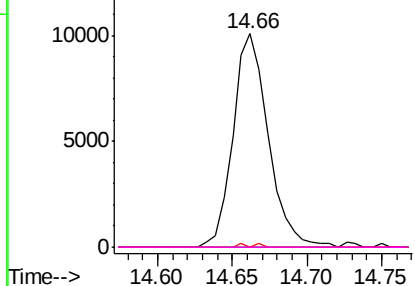
Abundance

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# 2403
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

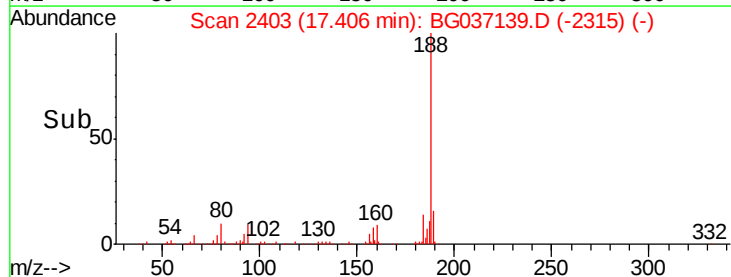
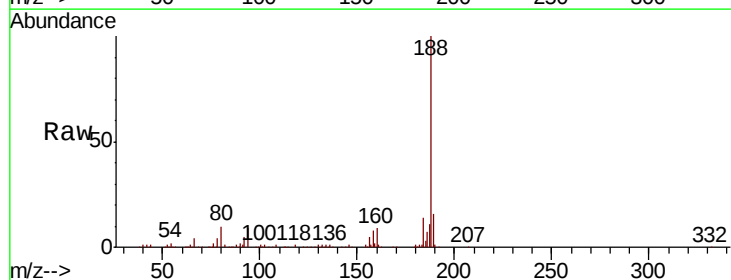
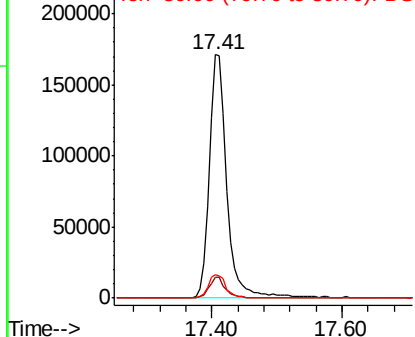
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.7	8.1	12.1

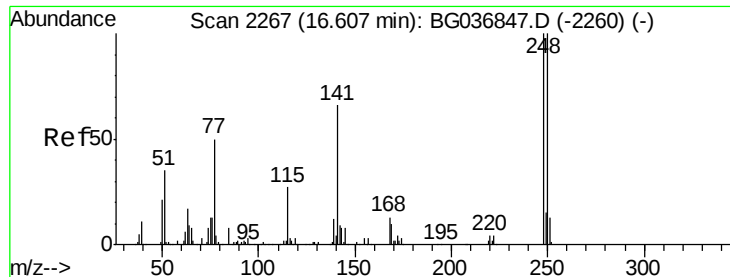
Abundance

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: 3.406 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG037139.D

Acq: 3 Oct 2018 18:41

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID41-1

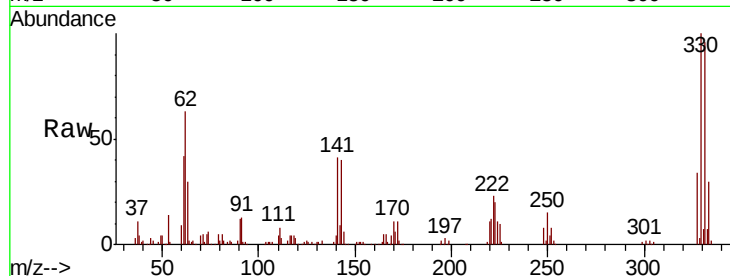
Tgt Ion: 248 Resp: 12327

Ion Ratio Lower Upper

248 100

250 190.3 78.1 117.1#

141 529.4 53.7 80.5#

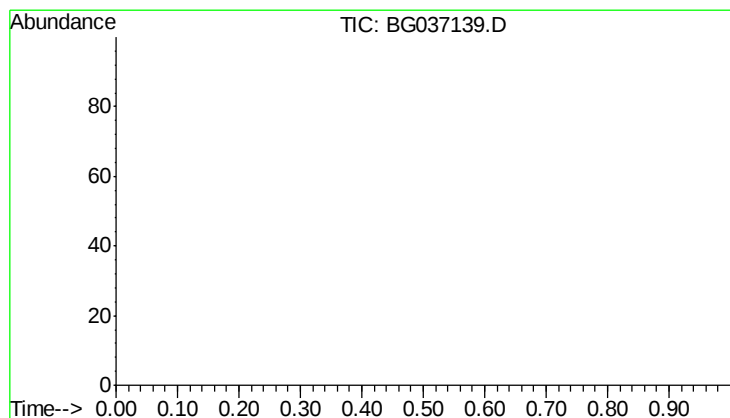
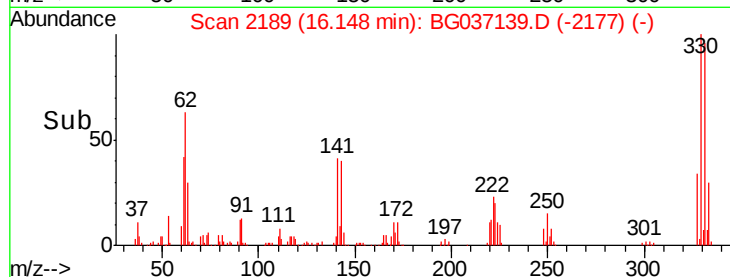
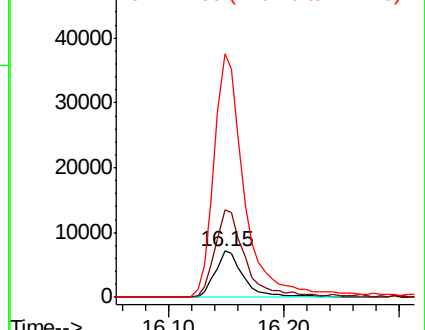


Abundance

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: 0.000 ng

Expected RT: 21.69 min

Lab File: BG037139.D

Acq: 3 Oct 2018 18:41

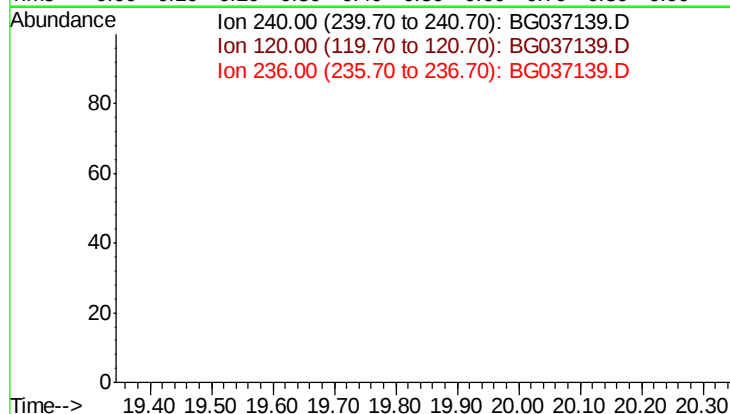
Tgt Ion: 240

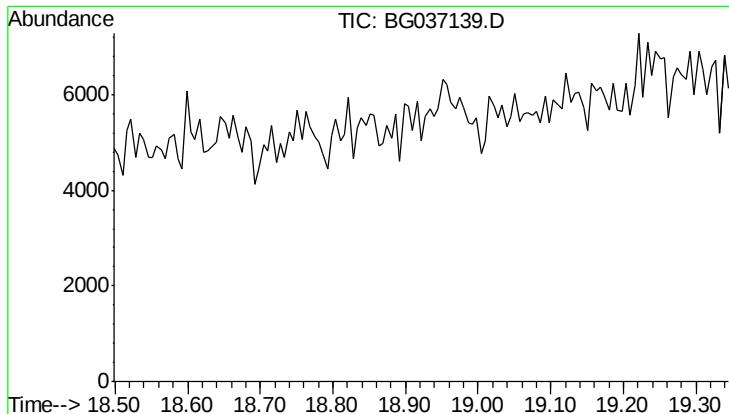
Sig Exp Ratio

240 100

120 8.6

236 26.5

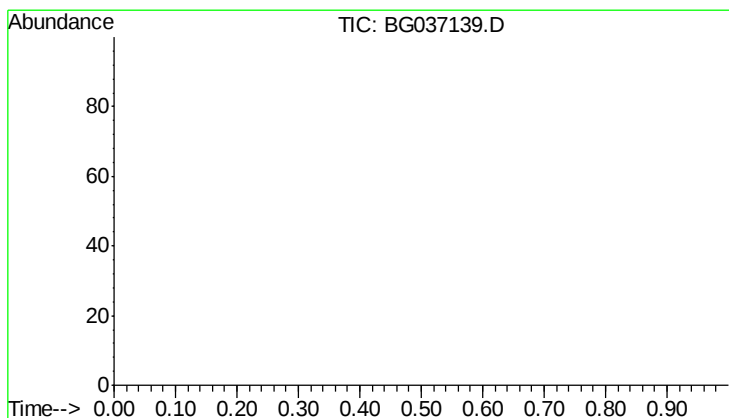
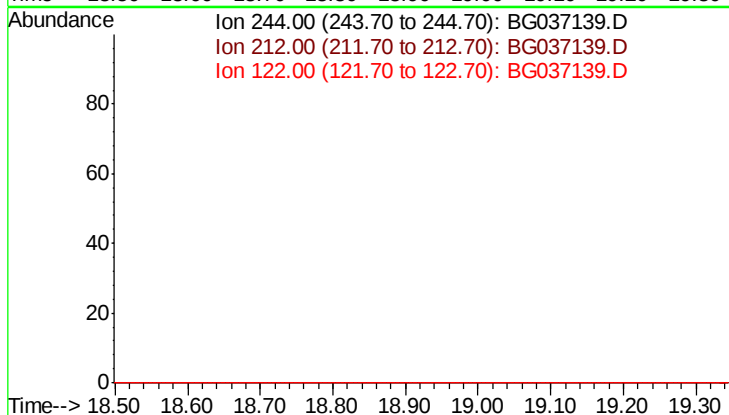




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 20.03 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 8.8
 122 8.9



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 24.90 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.5
 265 21.7

