

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100418\
 Data File : BG037143.D
 Acq On : 4 Oct 2018 2:59
 Operator : JU/SJ
 Sample : J5211-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Quant Time: Oct 04 04:21:32 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

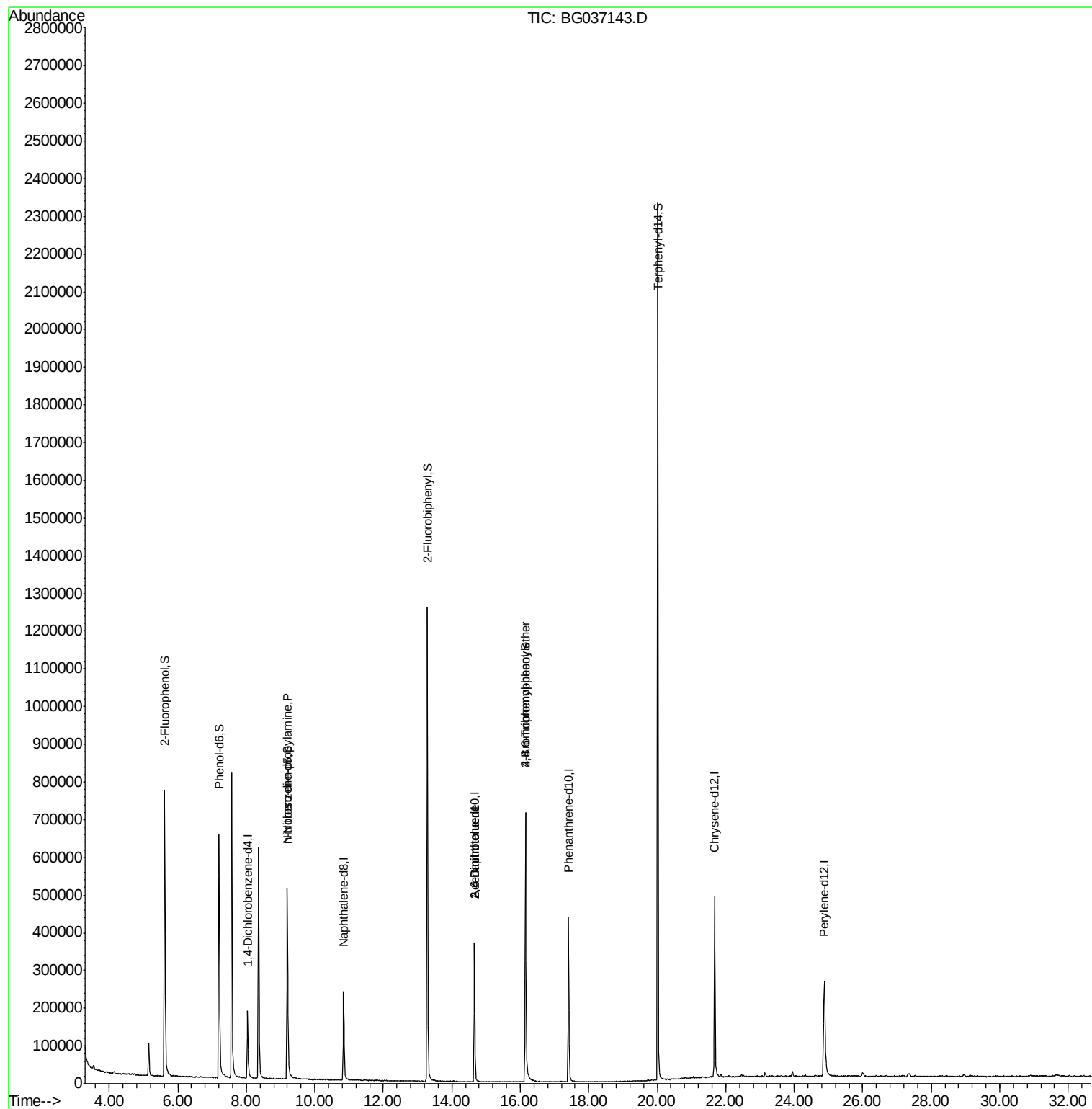
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59570	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	238504	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	137227	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	327603	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	337321	20.00	ng	-0.02
86) Perylene-d12	24.88	264	322425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	370241	119.19	ng	0.00
7) Phenol-d6	7.20	99	438766	91.30	ng	-0.01
23) Nitrobenzene-d5	9.20	82	379451	85.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	161441	98.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	723722	78.55	ng	-0.01
78) Terphenyl-d14	20.01	244	1172748	91.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	49570	12.399	ng	# 70
50) 2,6-Dinitrotoluene	14.66	165	17893	7.424	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	17893	5.321	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	11234	3.015	ng	# 1

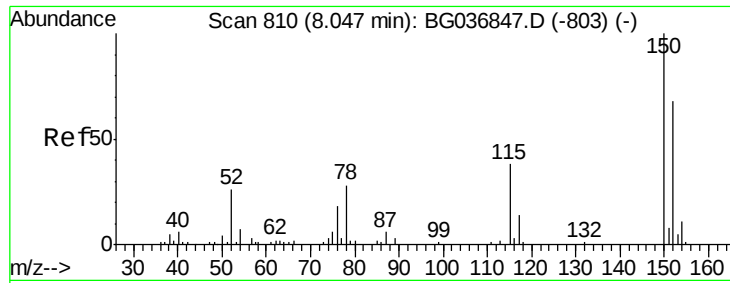
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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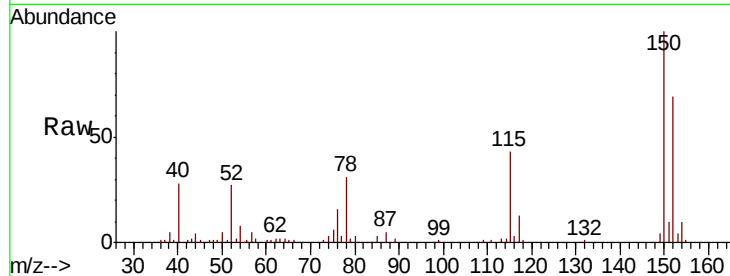


#1

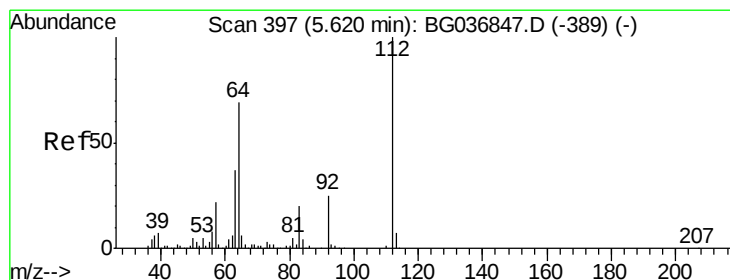
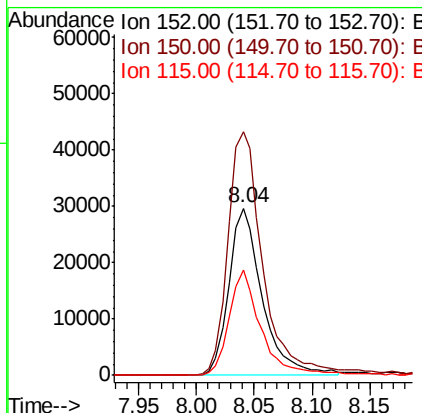
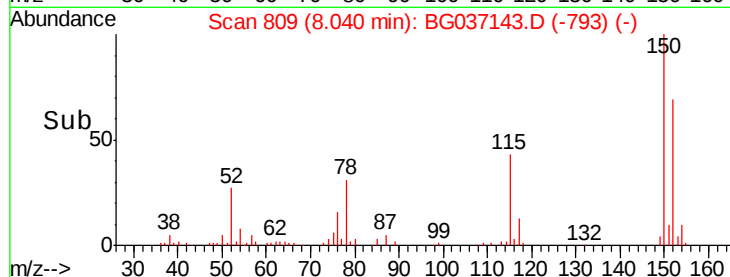
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

Tgt Ion:152 Resp: 59570
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 62.8 44.5 66.7



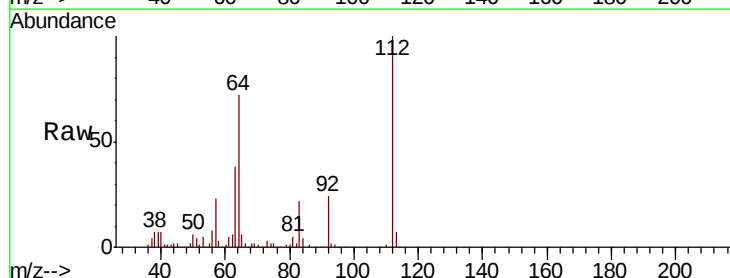
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



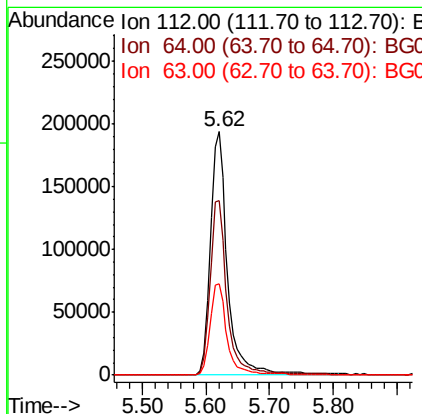
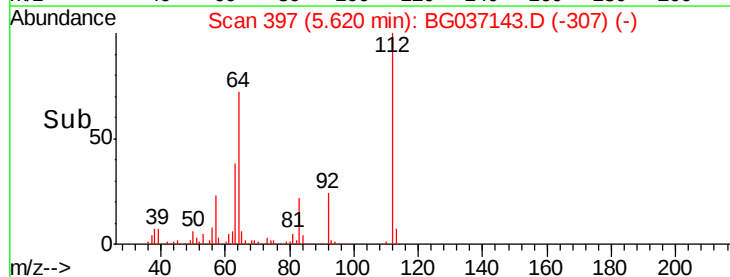
#5

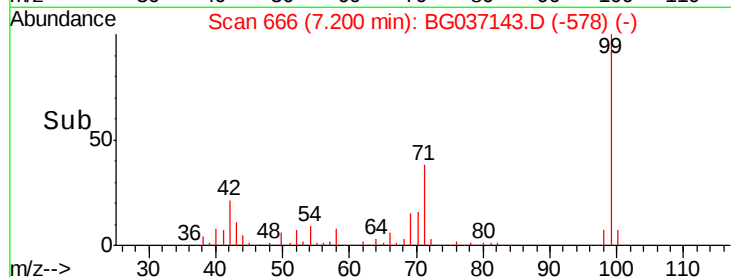
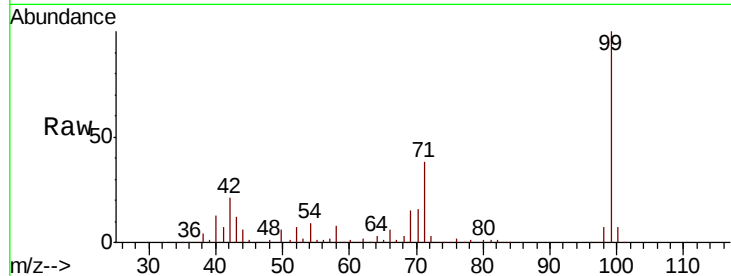
2-Fluorophenol
Concen: 119.195 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Tgt Ion:112 Resp: 370241
Ion Ratio Lower Upper
112 100
64 71.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.299 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

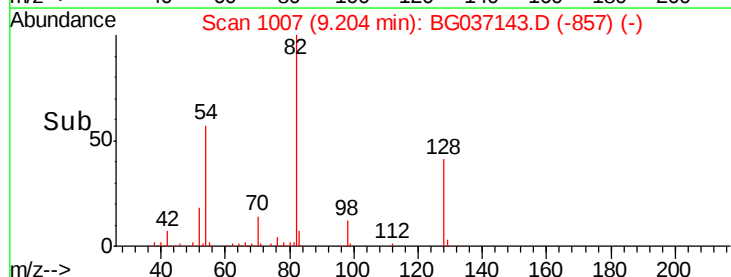
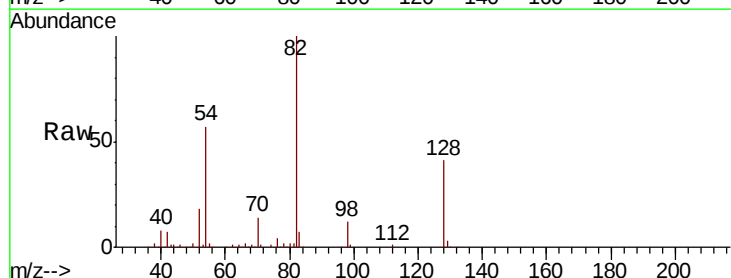
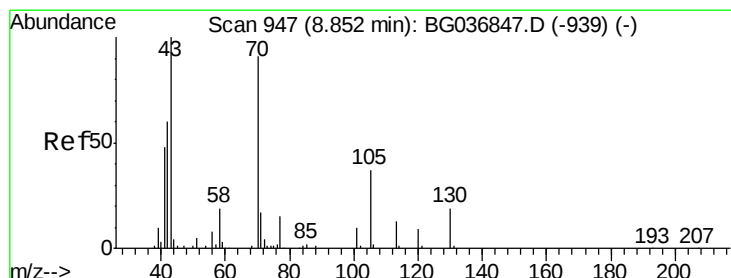
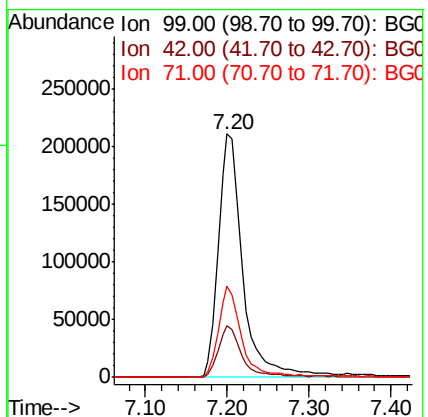
Tgt Ion: 99 Resp: 438766

Ion Ratio Lower Upper

99 100

42 21.3 16.5 24.7

71 37.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.399 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Tgt Ion: 70 Resp: 49570

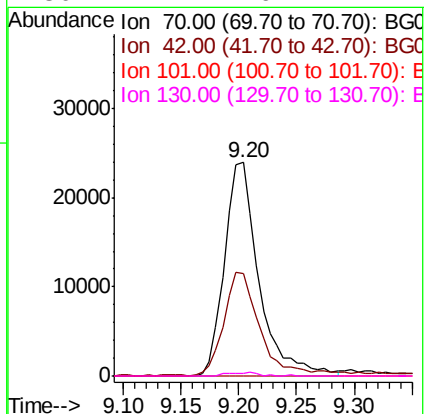
Ion Ratio Lower Upper

70 100

42 47.8 56.2 84.4#

101 0.0 7.8 11.6#

130 1.2 16.2 24.2#

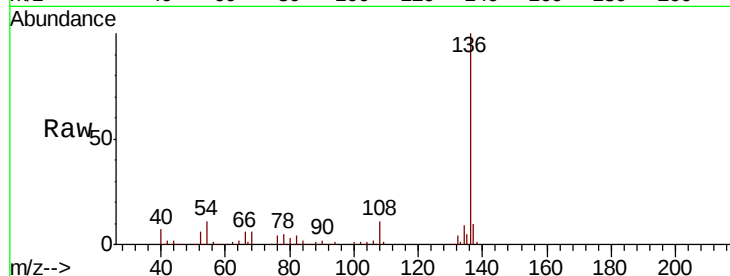




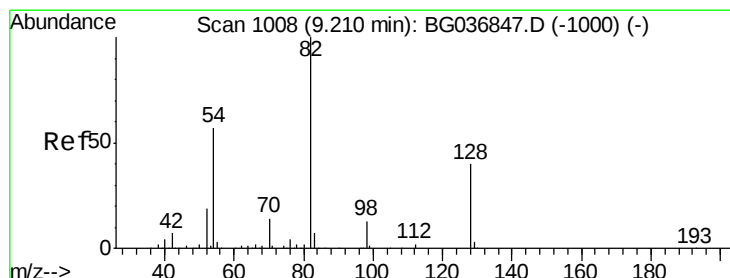
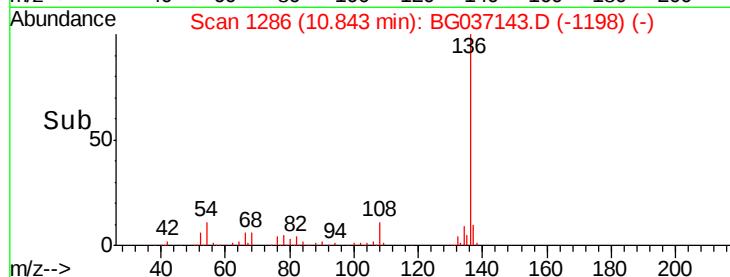
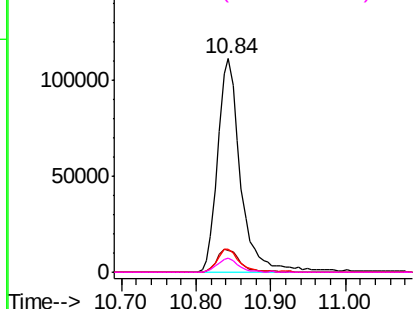
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

Tgt Ion:	136	Resp:	238504
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.9	9.2	13.8
68	6.5	5.8	8.6

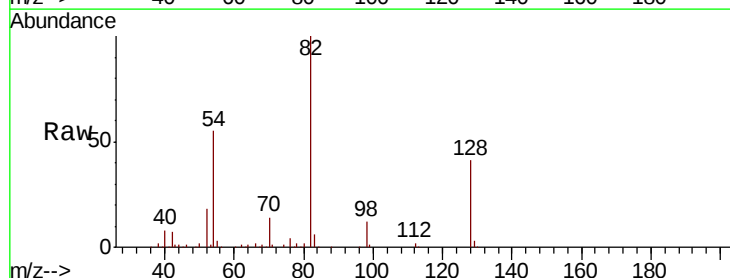


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

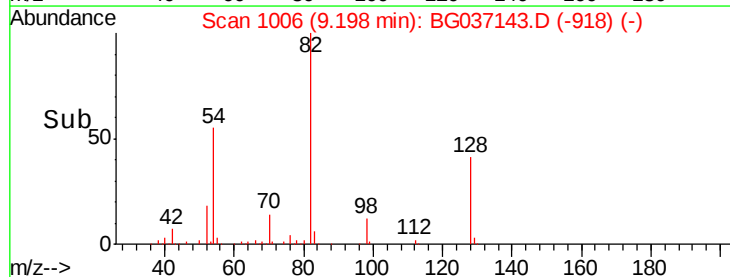
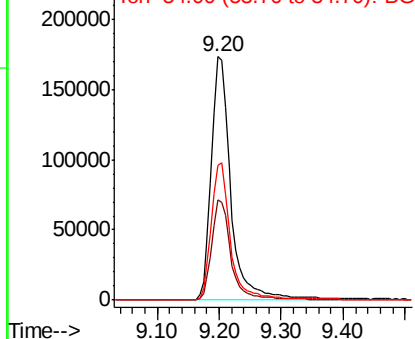


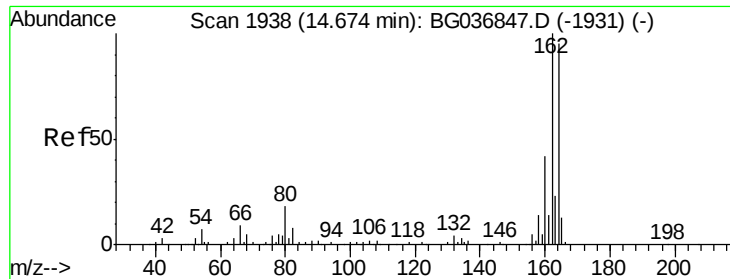
#23
Nitrobenzene-d5
Concen: 85.198 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Tgt Ion:	82	Resp:	379451
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	55.4	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: BG037143.D

Acq: 4 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

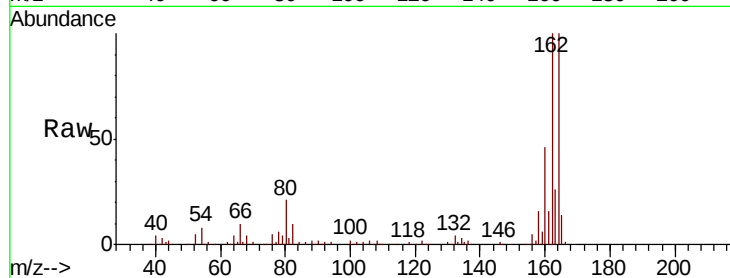
Tgt Ion:164 Resp: 137227

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

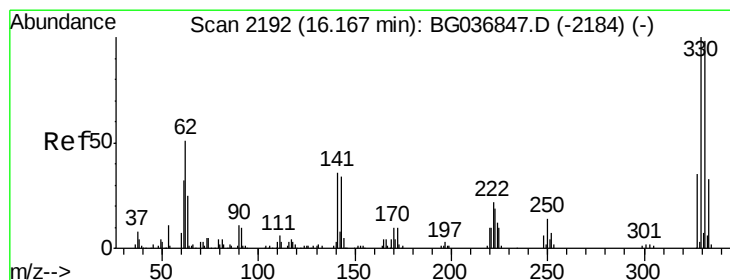
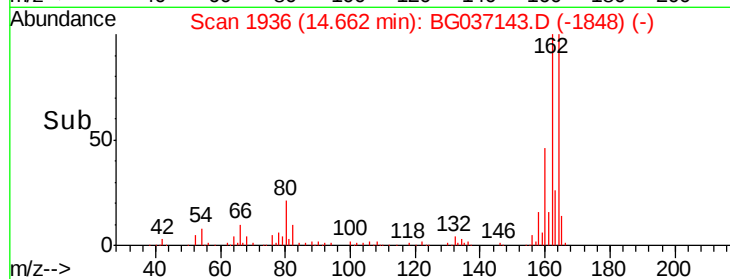
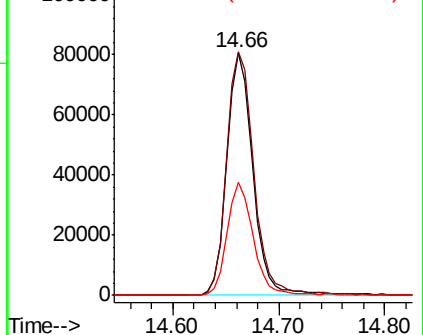
160 46.3 35.3 52.9



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: 98.330 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

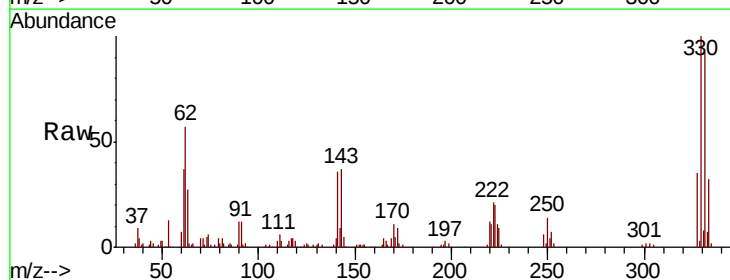
Tgt Ion:330 Resp: 161441

Ion Ratio Lower Upper

330 100

332 94.0 75.4 113.2

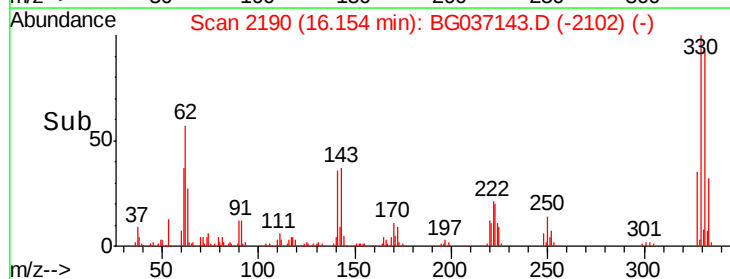
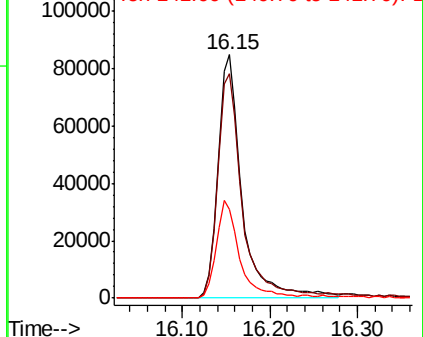
141 40.1 30.7 46.1



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

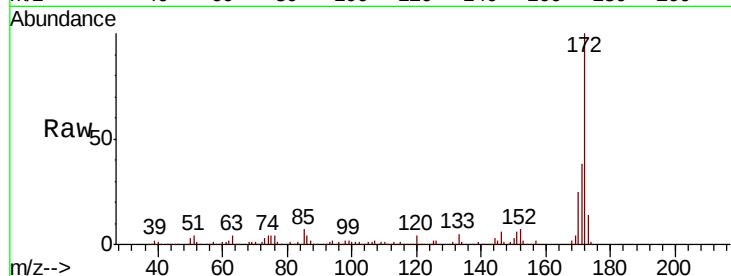




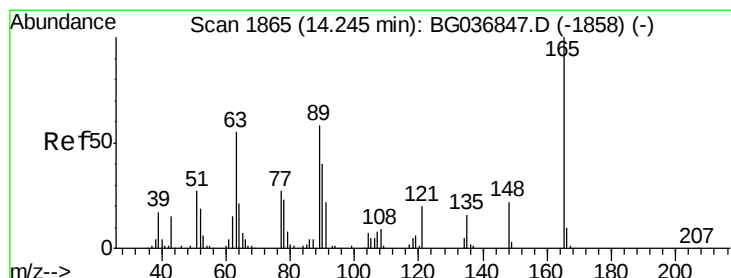
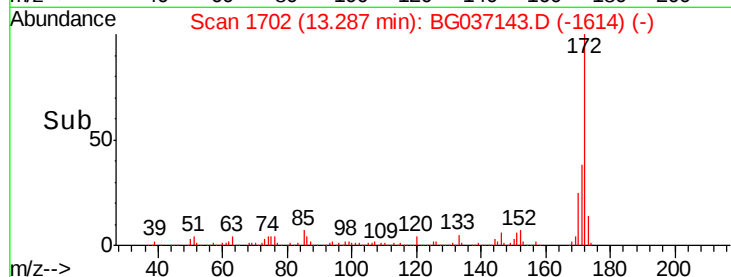
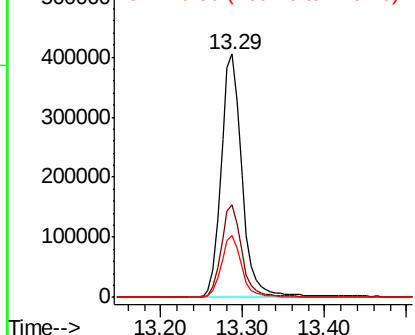
#44
 2-Fluorobiphenyl
 Concen: 78.549 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Tgt Ion:172 Resp: 723722
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.4 21.0 31.6

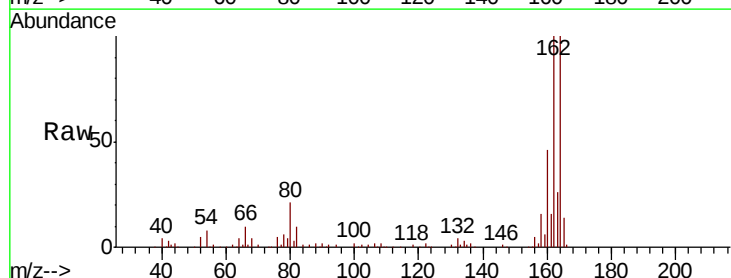


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

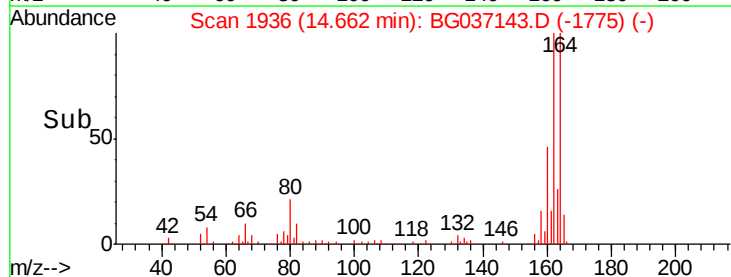
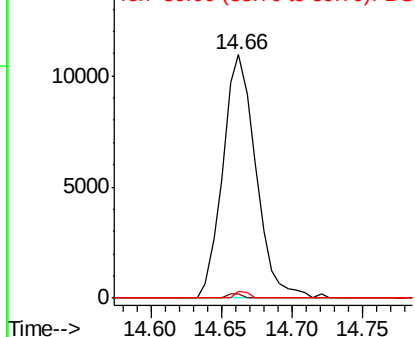


#50
 2,6-Dinitrotoluene
 Concen: 7.424 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Tgt Ion:165 Resp: 17893
 Ion Ratio Lower Upper
 165 100
 63 1.6 50.1 75.1#
 89 2.9 47.8 71.6#



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

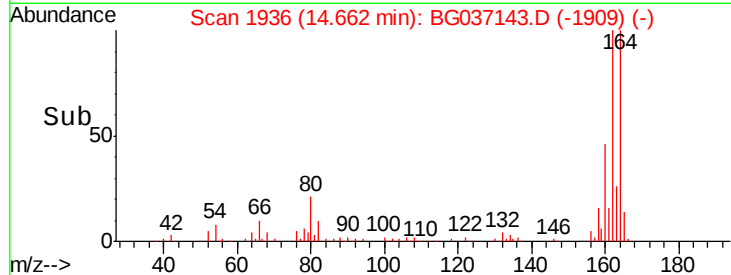
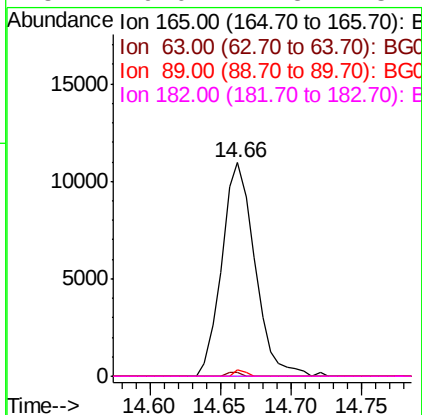
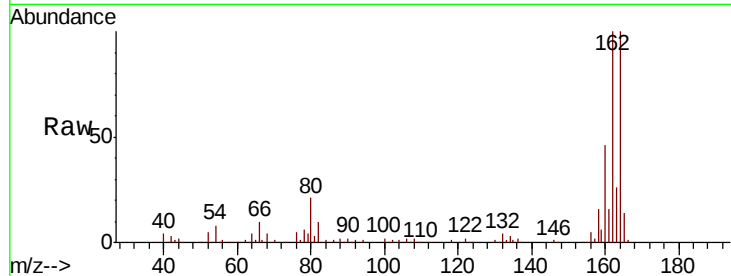




#56
 2,4-Dinitrotoluene
 Concen: 5.321 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

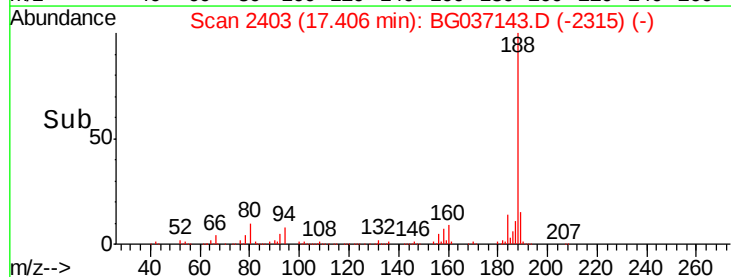
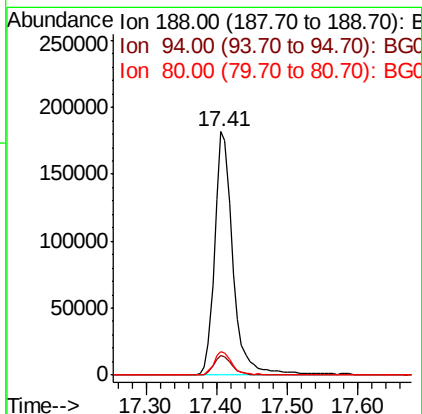
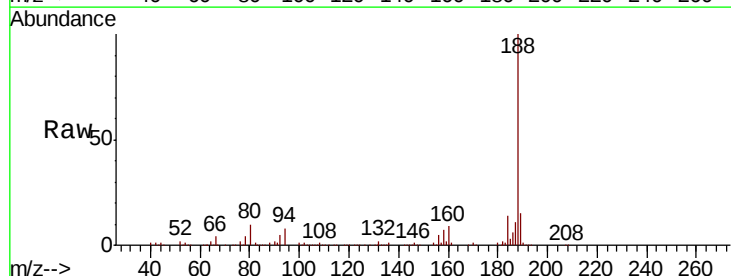
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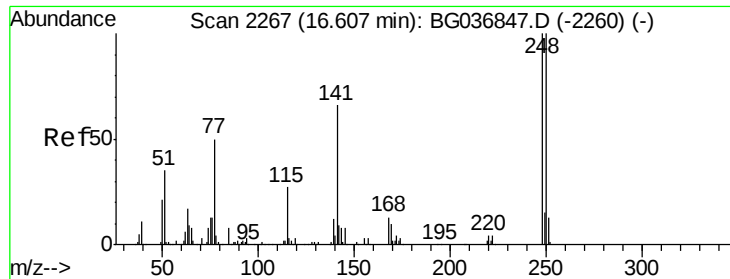
Tgt Ion:	165	Resp:	17893
Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Tgt Ion:	188	Resp:	327603
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.7	8.1	12.1





#66

4-Bromophenyl-phenylether

Concen: 3.015 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

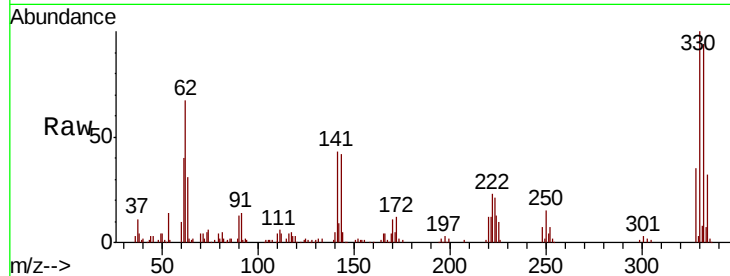
Tgt Ion:248 Resp: 11234

Ion Ratio Lower Upper

248 100

250 210.1 78.1 117.1#

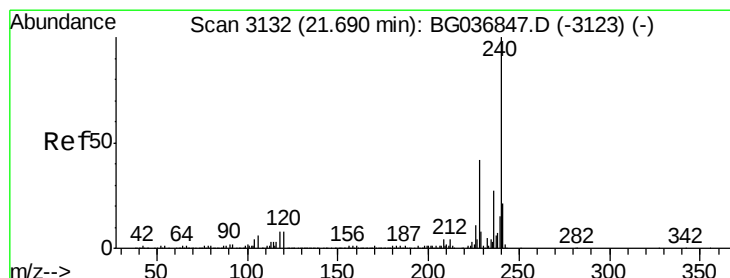
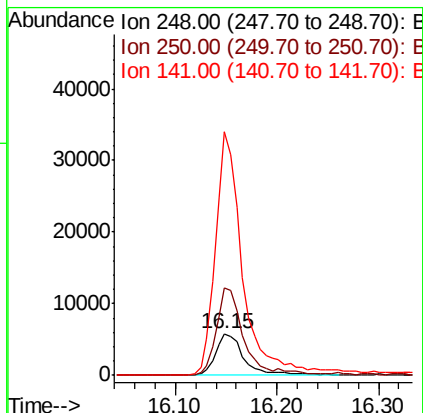
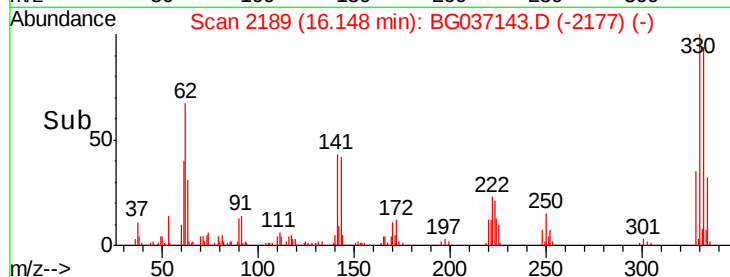
141 586.6 53.7 80.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

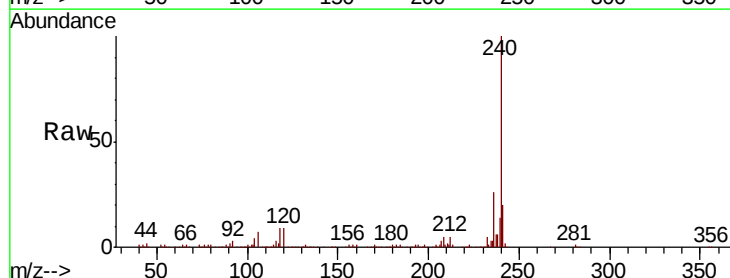
Tgt Ion:240 Resp: 337321

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

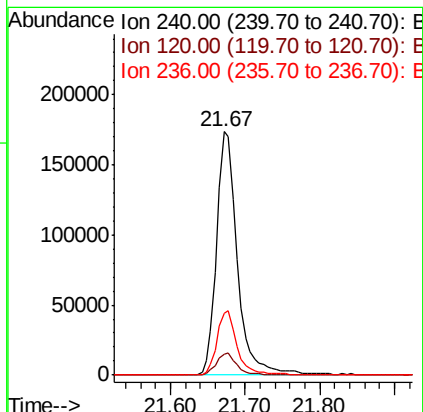
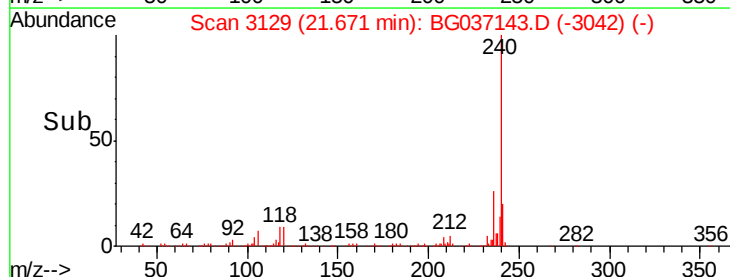
236 25.6 21.2 31.8

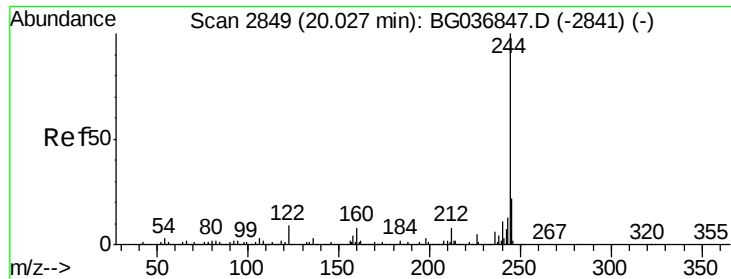


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.418 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

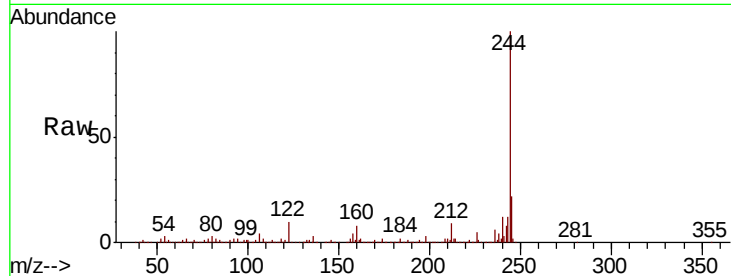
Tgt Ion:244 Resp: 1172748

Ion Ratio Lower Upper

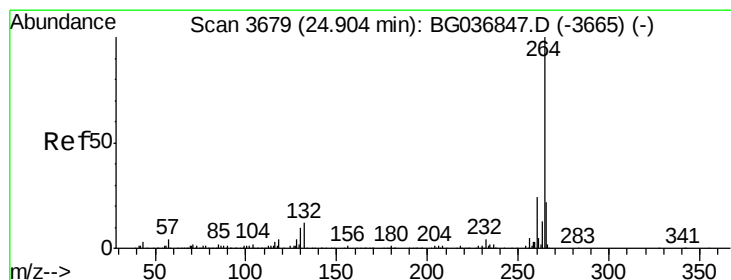
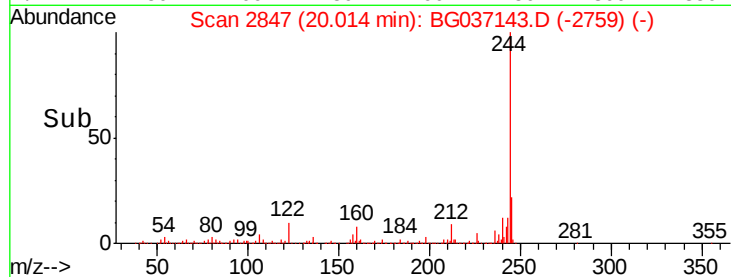
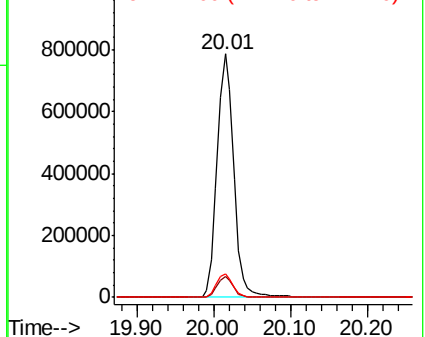
244 100

212 8.6 7.0 10.6

122 9.9 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: BG037143.D

Acq: 4 Oct 2018 2:59

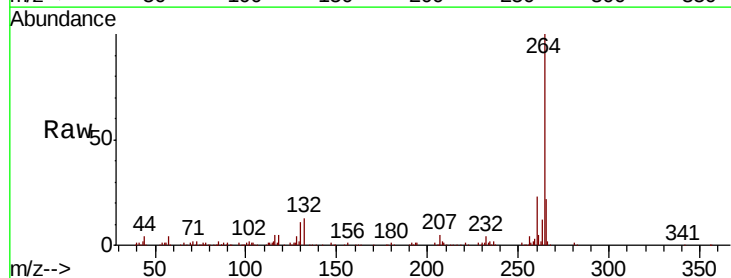
Tgt Ion:264 Resp: 322425

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 21.6 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

