

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037135.D
 Acq On : 3 Oct 2018 16:06
 Operator : JU/SJ
 Sample : J5212-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-1

Quant Time: Oct 03 18:06:46 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

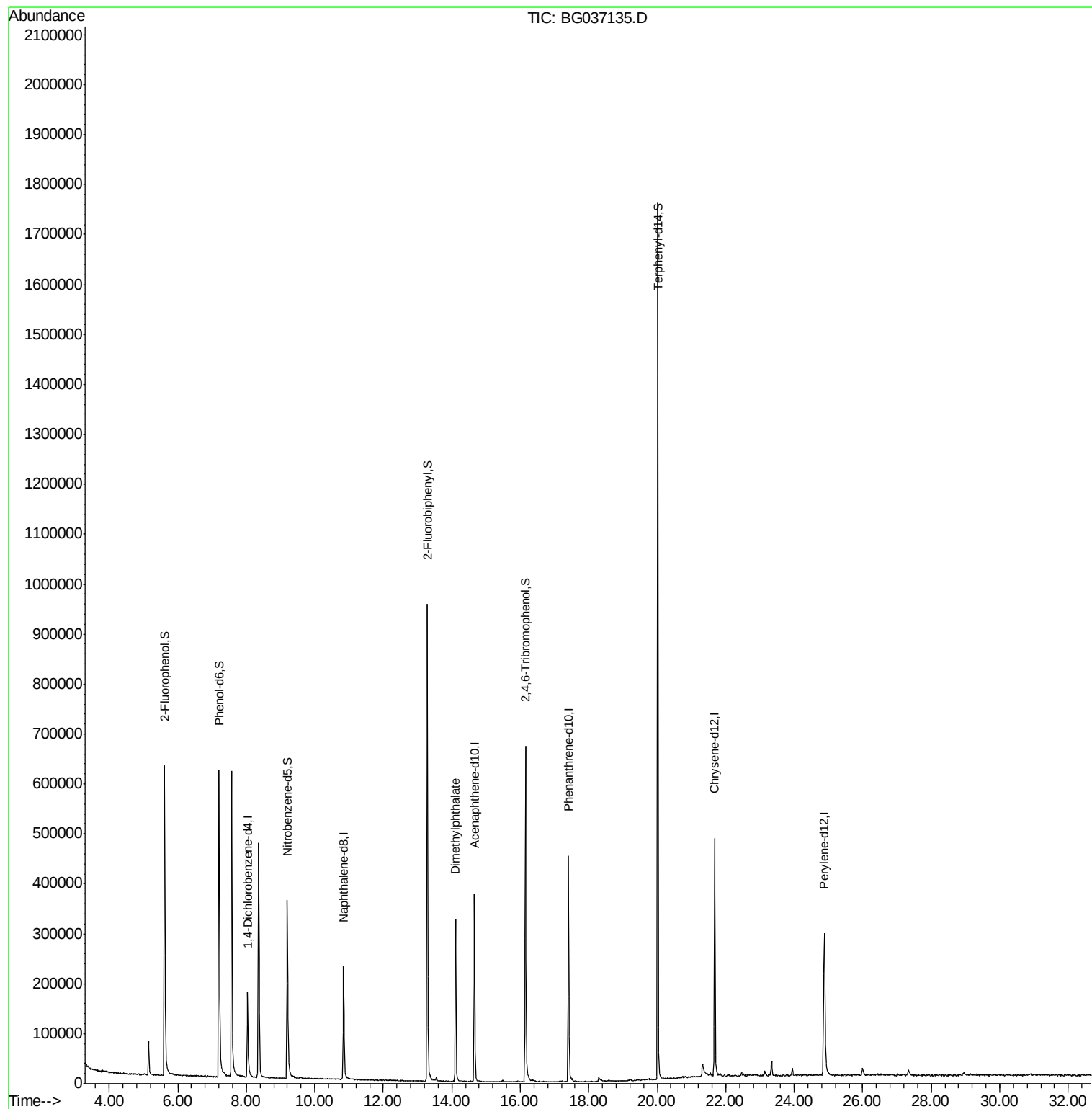
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54959	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	230544	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	140106	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	335724	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	336264	20.00	ng	-0.02
86) Perylene-d12	24.88	264	336452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	302048	105.40	ng	0.00
7) Phenol-d6	7.20	99	412347	93.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	278898	64.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	138696	82.74	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	568752	60.46	ng	-0.01
78) Terphenyl-d14	20.01	244	872234	68.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	239965	21.278	ng	99

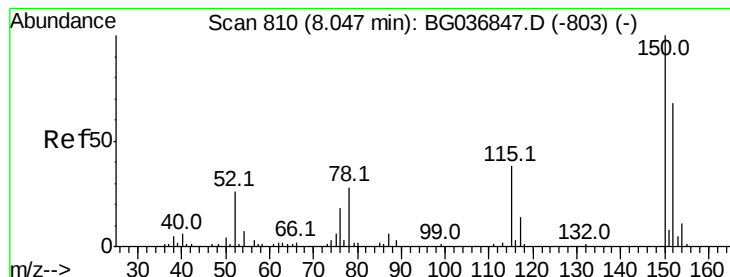
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

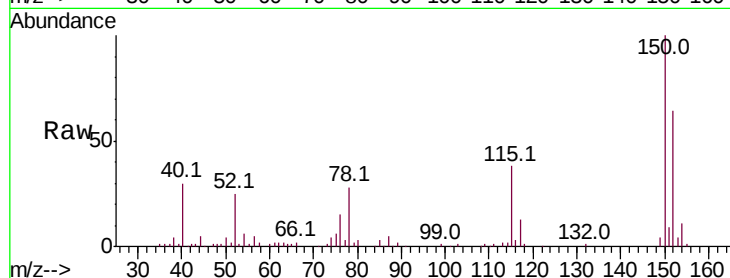
Tot Ion:152 Resp: 54959

Ion Ratio Lower Upper

152 100

150 155.4 119.5 179.3

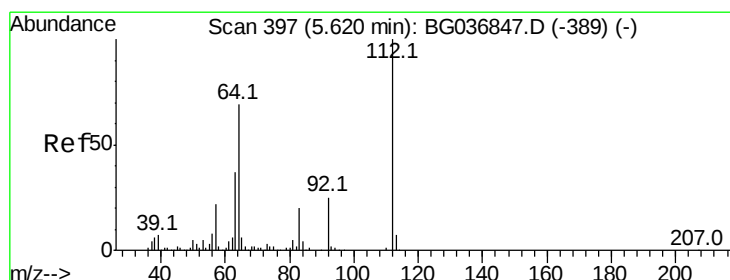
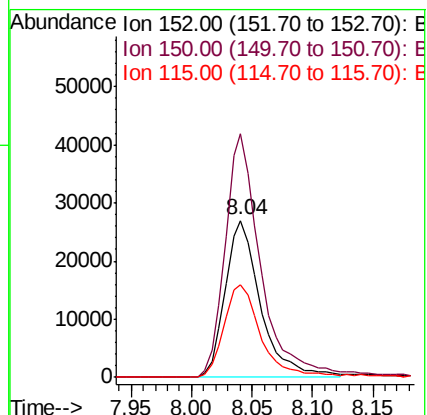
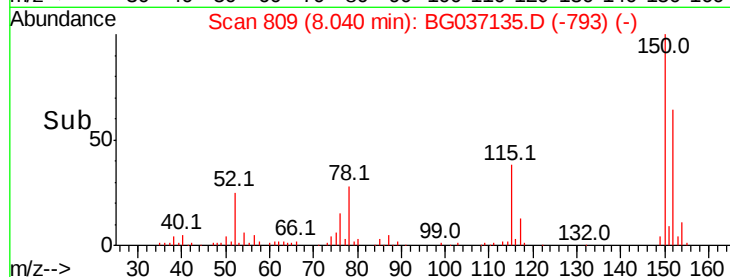
115 59.3 44.5 66.7



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: 105.399 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

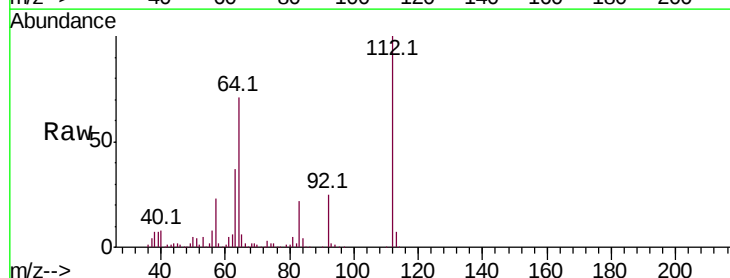
Tgt Ion:112 Resp: 302048

Ion Ratio Lower Upper

112 100

64 70.5 57.2 85.8

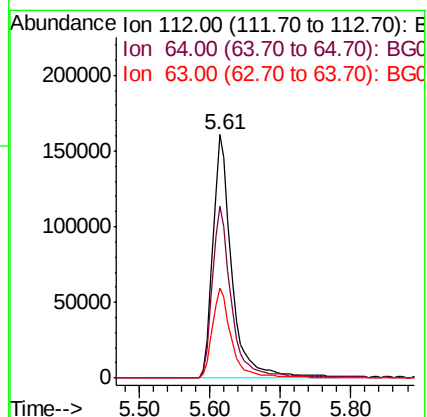
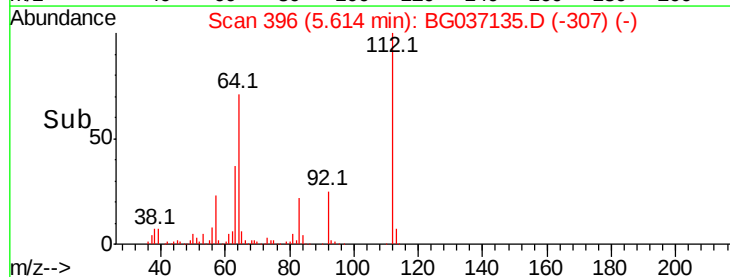
63 37.1 30.8 46.2

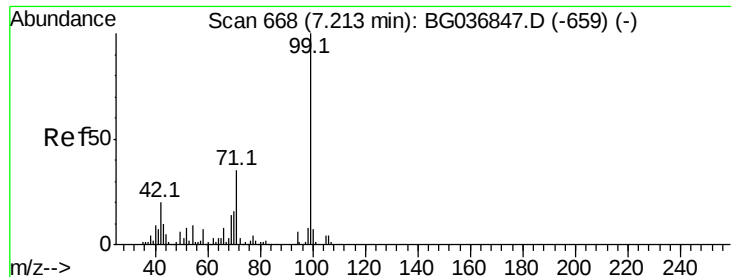


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.001 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

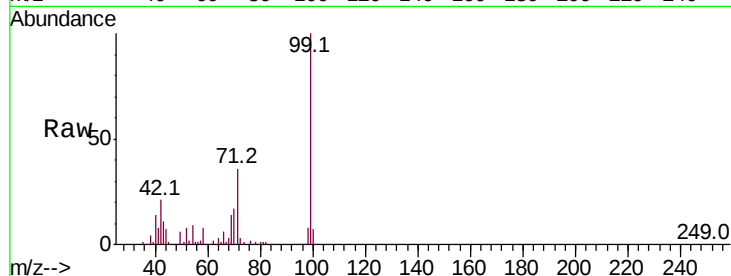
Tot Ion: 99 Resp: 412347

Ion Ratio Lower Upper

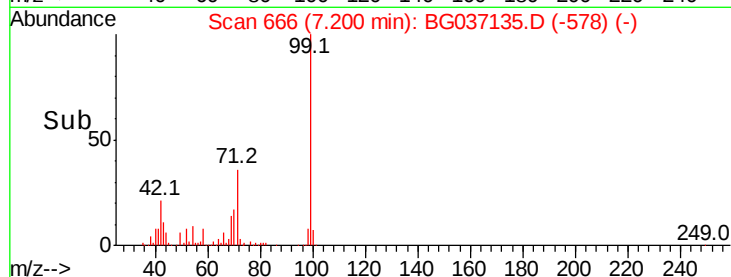
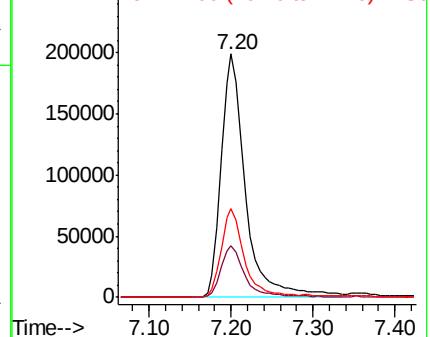
99 100

42 21.3 16.5 24.7

71 36.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Tgt Ion: 136 Resp: 230544

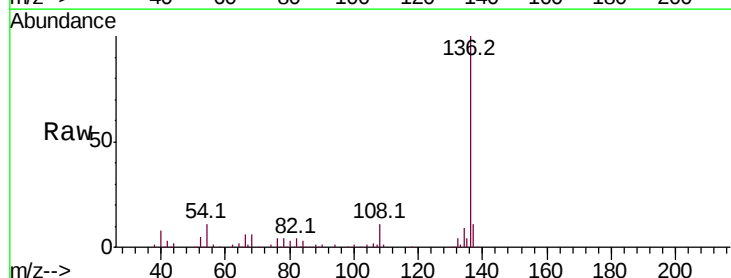
Ion Ratio Lower Upper

136 100

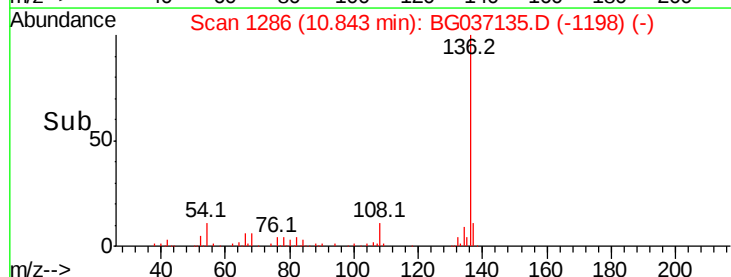
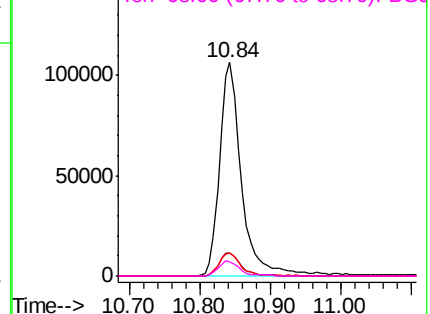
137 11.1 8.8 13.2

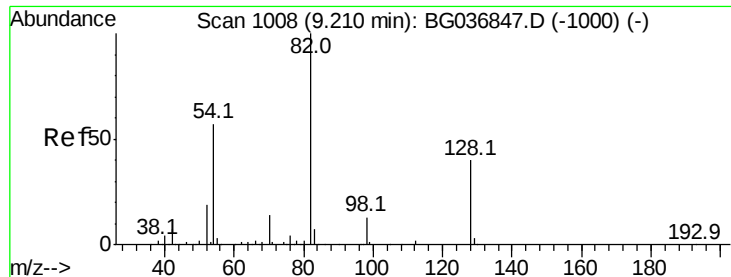
54 10.6 9.2 13.8

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

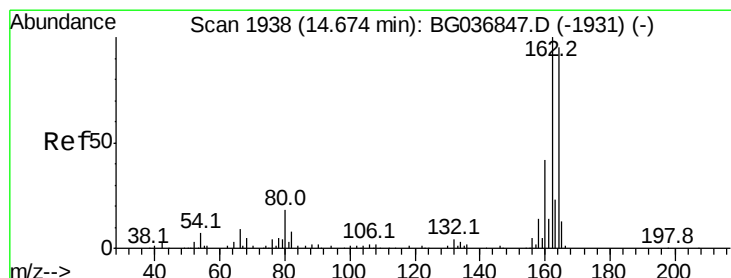
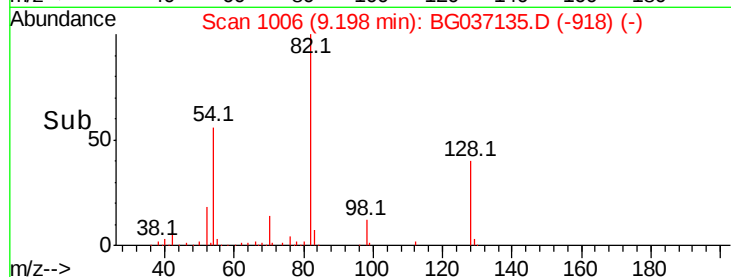
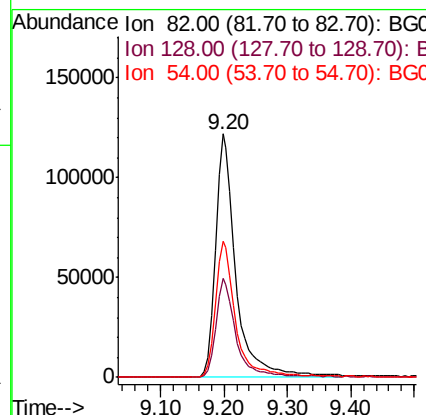
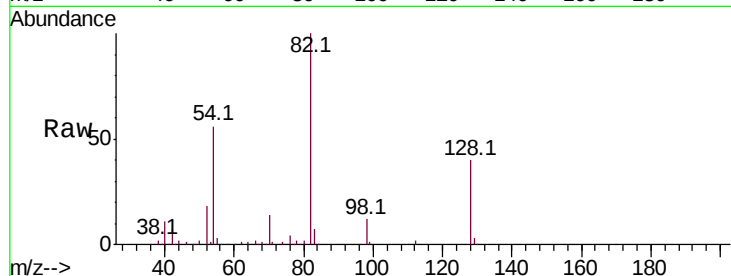




#23
Nitrobenzene-d5
Concen: 64.783 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

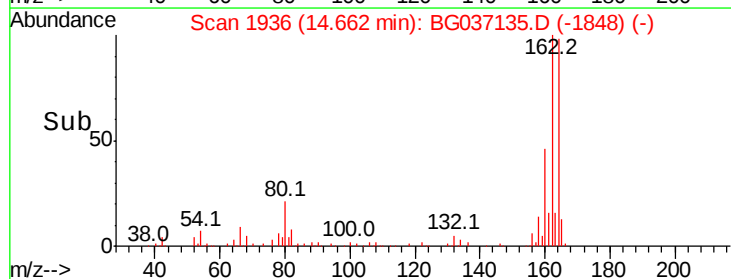
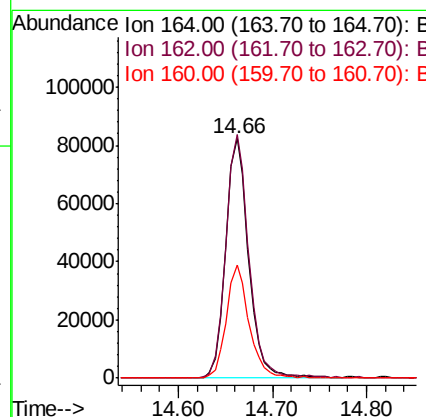
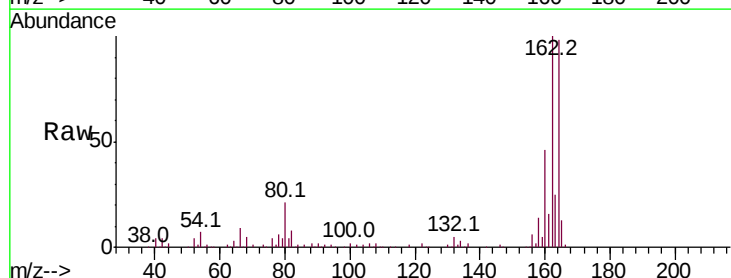
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

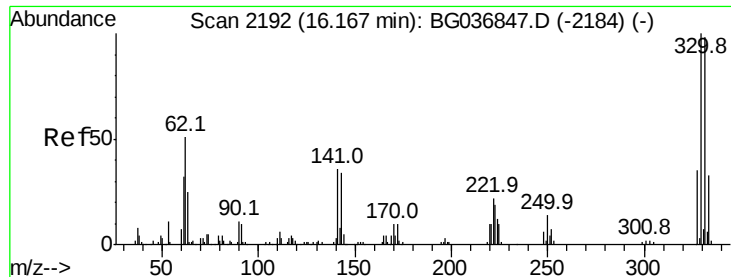
Tot Ion	82	Resp	278898
Ion Ratio	100	Lower	Upper
128	40.4	33.3	49.9
54	55.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Tgt Ion	164	Resp	140106
Ion Ratio	100	Lower	Upper
162	101.6	80.7	121.1
160	47.0	35.3	52.9

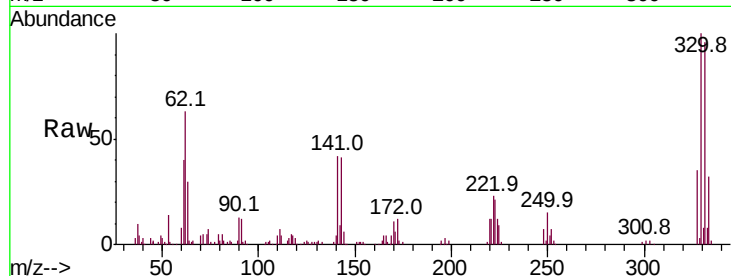




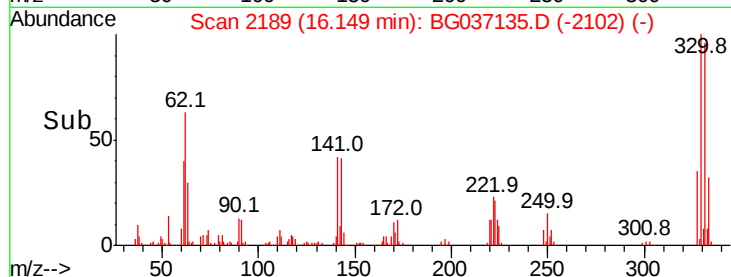
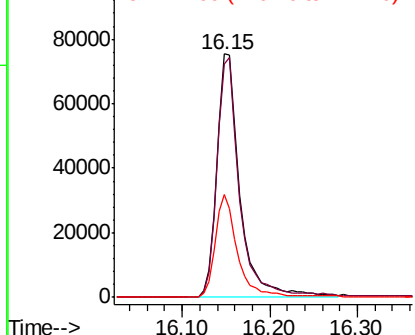
#41
 2,4,6-Tribromophenol
 Concen: 82.740 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037135.D
 Acq: 3 Oct 2018 16:06

Instrument :
 BNA_G
 ClientSampled :
 CG-SOIL-1

Tot Ion:330 Resp: 138696
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.2
 141 39.8 30.7 46.1

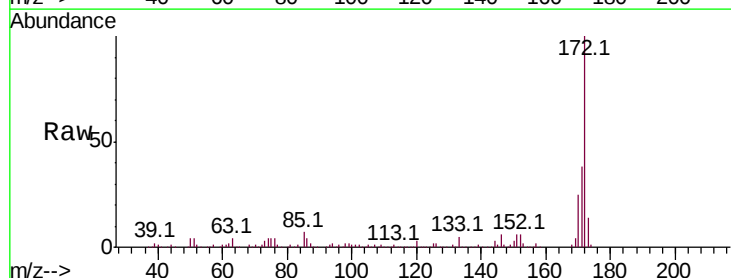


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

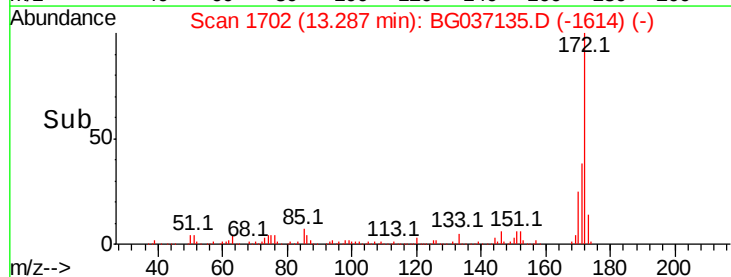
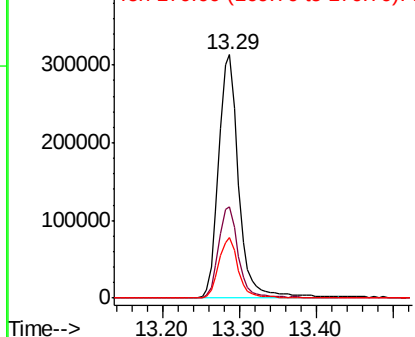


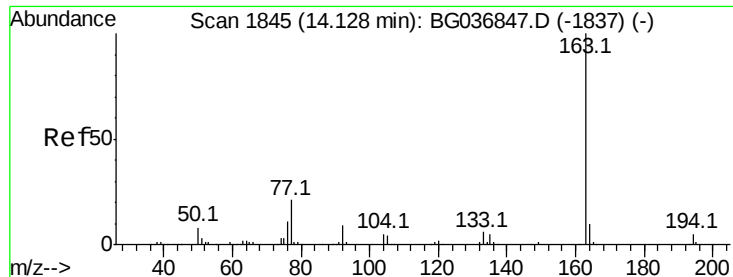
#44
 2-Fluorobiphenyl
 Concen: 60.461 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037135.D
 Acq: 3 Oct 2018 16:06

Tgt Ion:172 Resp: 568752
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.1 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: 21.278 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

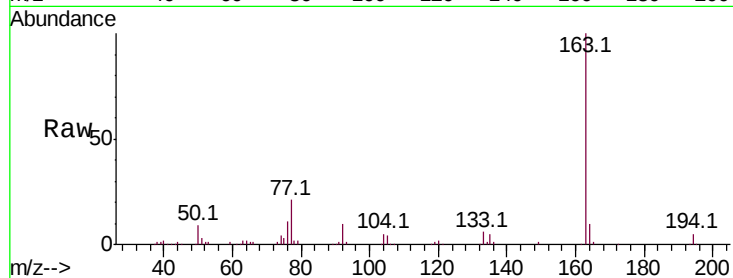
Tot Ion:163 Resp: 239965

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

200000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

150000

100000

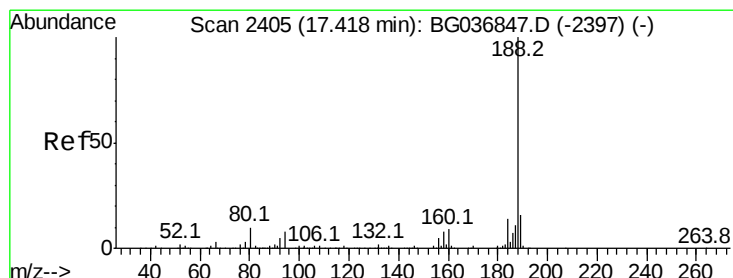
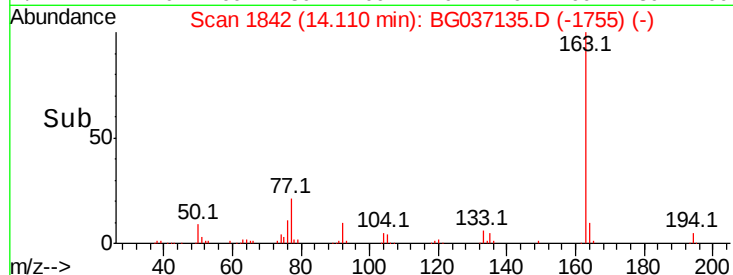
50000

0

14.11

14.00 14.10 14.20 14.30

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

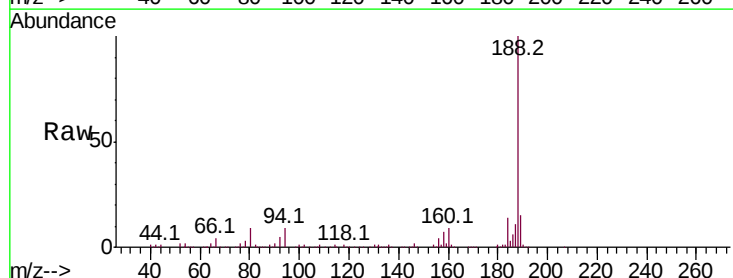
Tgt Ion:188 Resp: 335724

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

200000

150000

100000

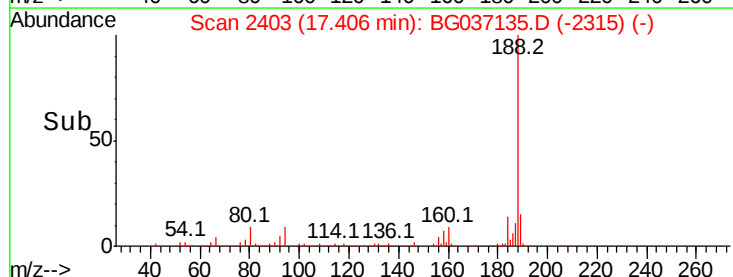
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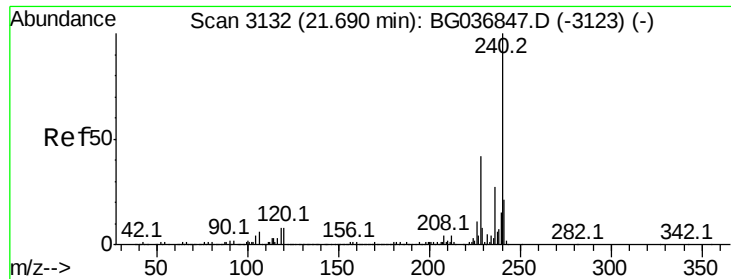
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17.41

17.40 17.60

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

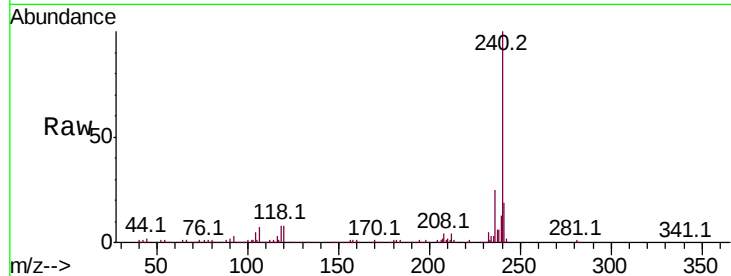
Tot Ion:240 Resp: 336264

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

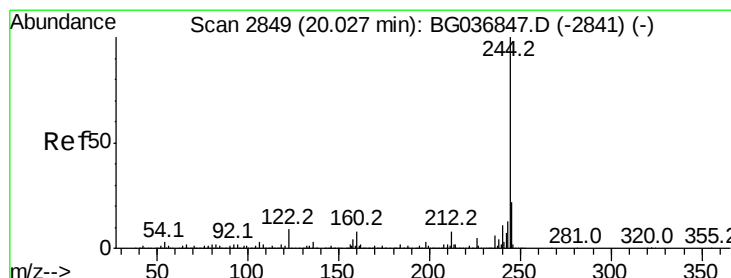
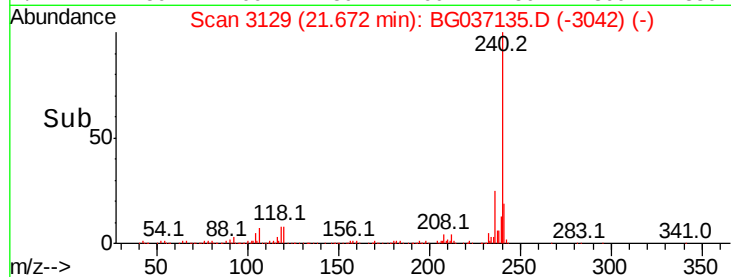
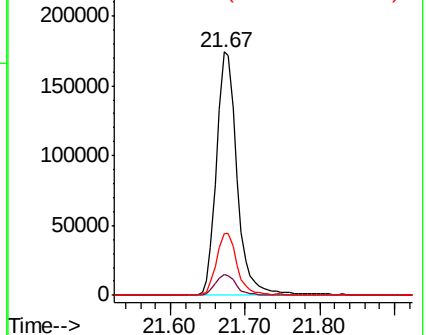
236 25.4 21.2 31.8



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: 68.206 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

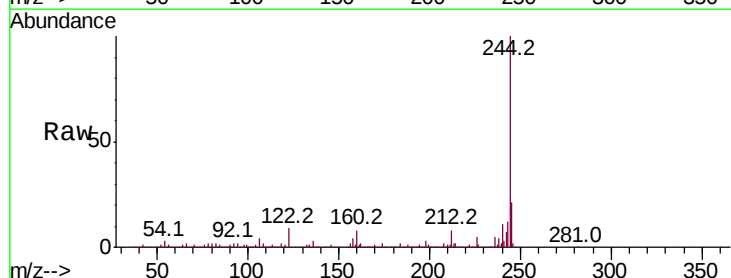
Tgt Ion:244 Resp: 872234

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

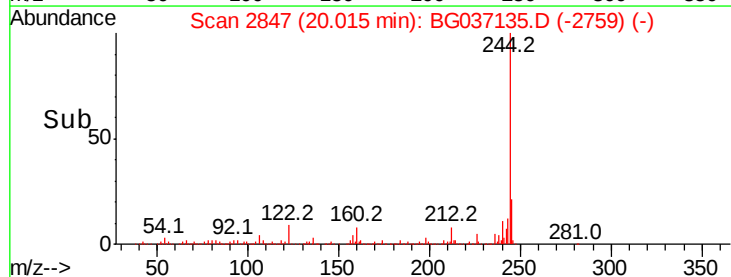
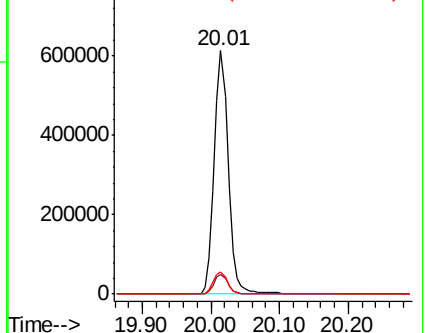
122 9.0 7.1 10.7

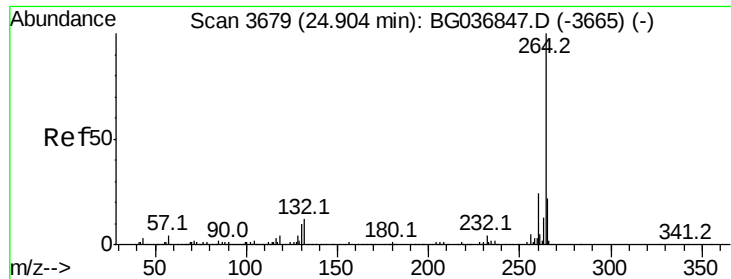


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.5	17.4	26.0

