

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037165.D
 Acq On : 4 Oct 2018 21:24
 Operator : JU/SJ
 Sample : J5212-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-1

Quant Time: Oct 05 01:50:01 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

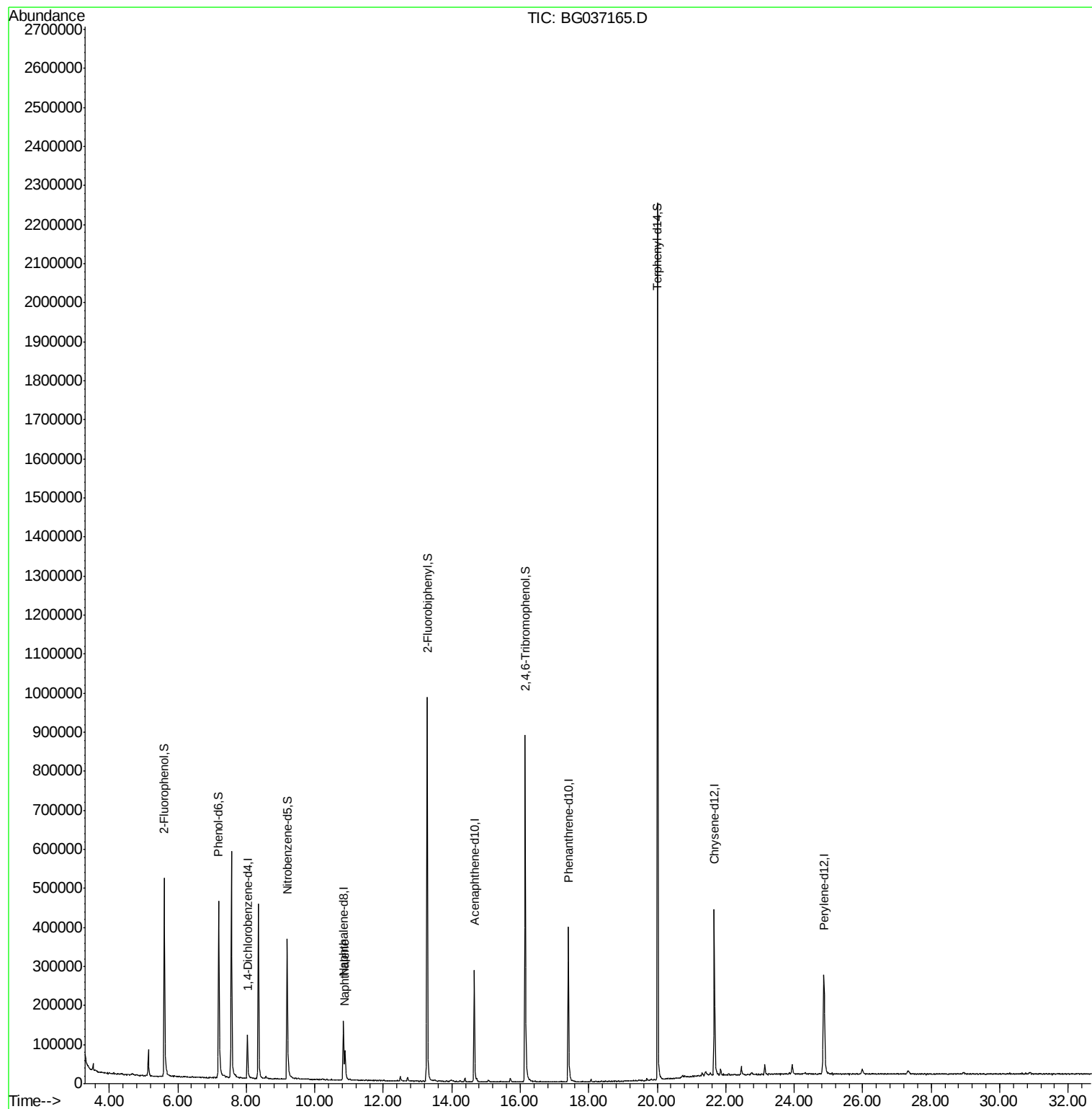
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37485	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	152241	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	104927	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	281715	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	293576	20.00	ng	-0.02
86) Perylene-d12	24.86	264	287040	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	245542	125.62	ng	-0.02
7) Phenol-d6	7.20	99	304643	100.74	ng	-0.02
23) Nitrobenzene-d5	9.19	82	266526	93.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	170035	135.44	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	575802	81.73	ng	-0.02
78) Terphenyl-d14	20.01	244	1082159	96.93	ng	-0.02
Target Compounds						
31) Naphthalene	10.88	128	67056	9.257	ng	Qvalue 99

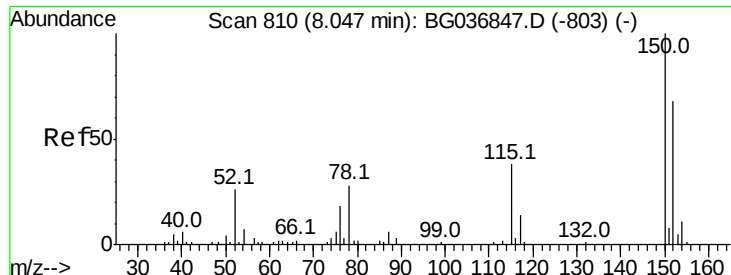
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037165.D
Acq On : 4 Oct 2018 21:24
Operator : JU/SJ
Sample : J5212-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Quant Time: Oct 05 01:50:01 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



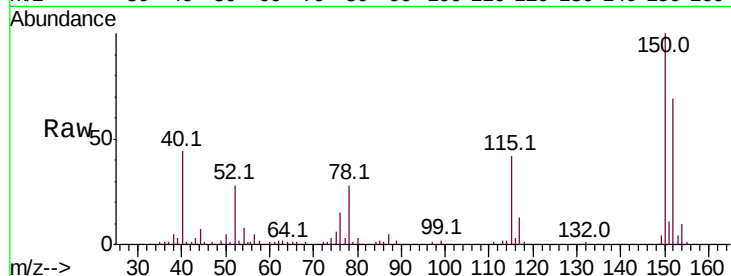


#1

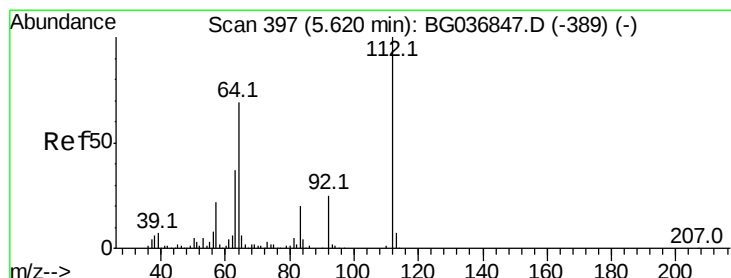
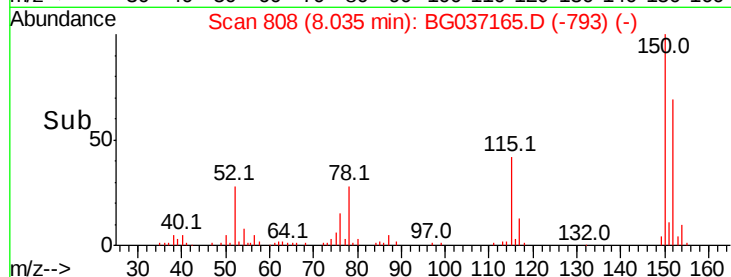
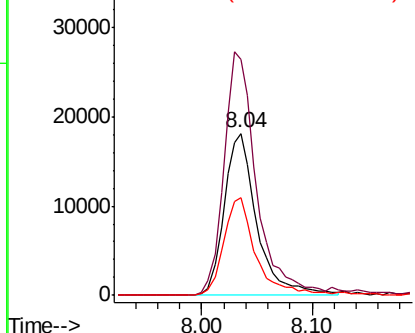
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037165.D
Acq: 4 Oct 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion:152 Resp: 37485
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 60.4 44.5 66.7



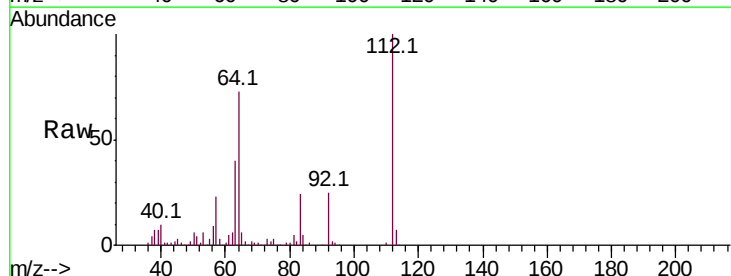
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



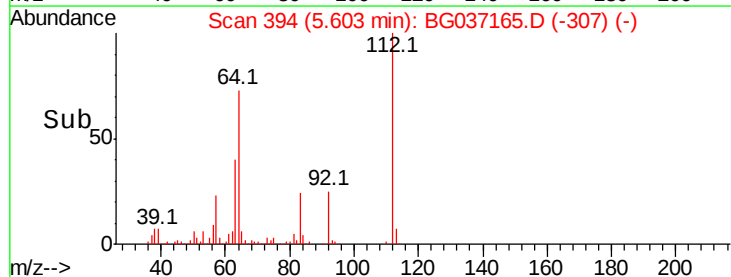
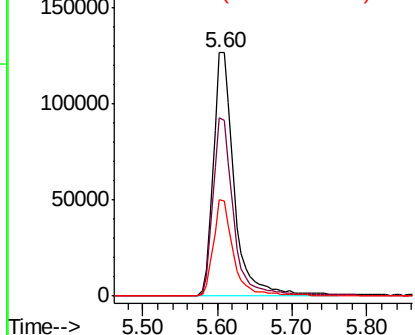
#5

2-Fluorophenol
Concen: 125.623 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037165.D
Acq: 4 Oct 2018 21:24

Tgt Ion:112 Resp: 245542
Ion Ratio Lower Upper
112 100
64 73.0 57.2 85.8
63 39.8 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: 100.738 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037165.D

Acq: 4 Oct 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

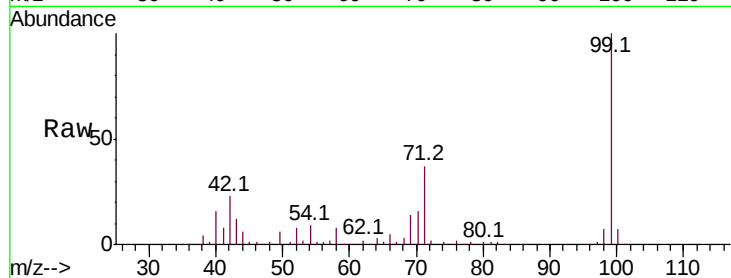
Tot Ion: 99 Resp: 304643

Ion Ratio Lower Upper

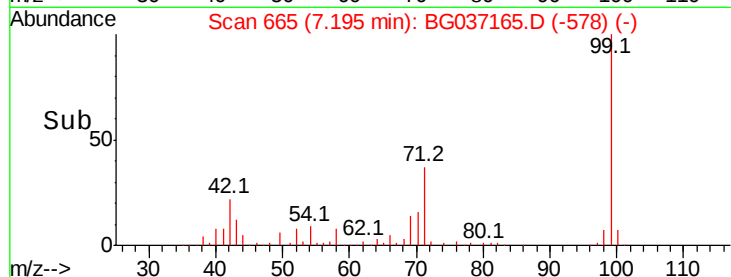
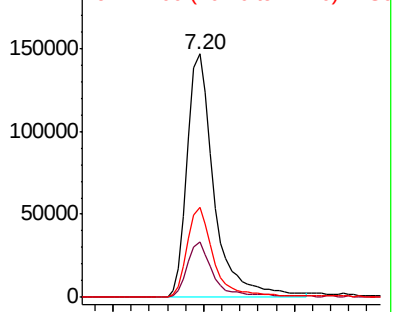
99 100

42 22.5 16.5 24.7

71 36.8 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# 1285

Delta R.T. -0.02 min

Lab File: BG037165.D

Acq: 4 Oct 2018 21:24

Tgt Ion:136 Resp: 152241

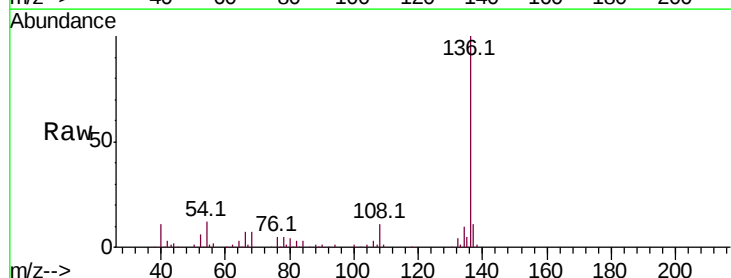
Ion Ratio Lower Upper

136 100

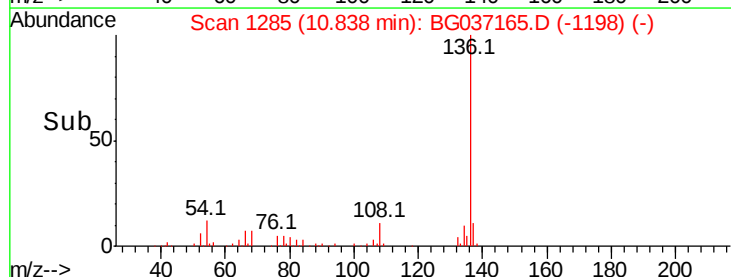
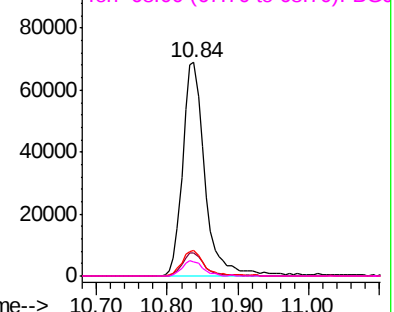
137 10.7 8.8 13.2

54 11.8 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

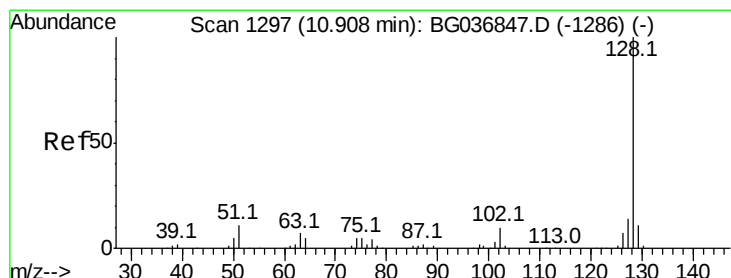
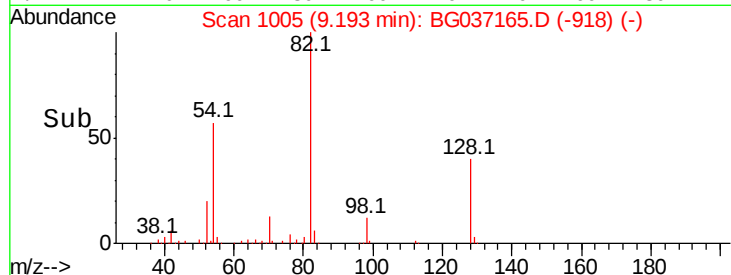
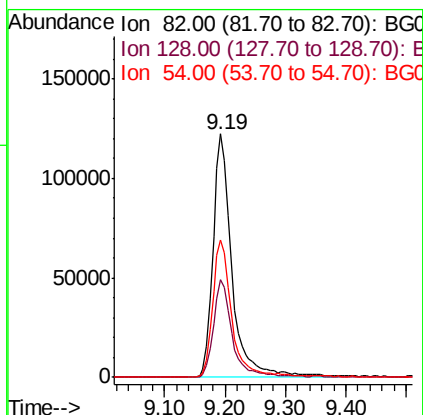
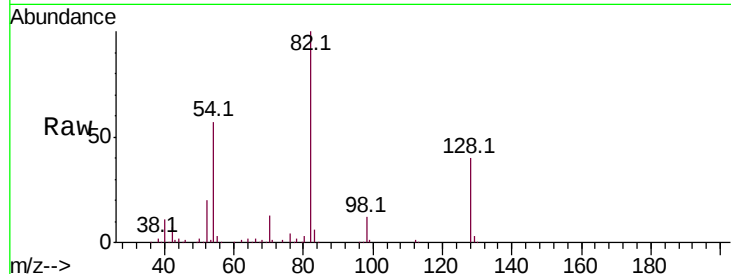




#23
Nitrobenzene-d5
Concen: 93.751 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037165.D
Acq: 4 Oct 2018 21:24

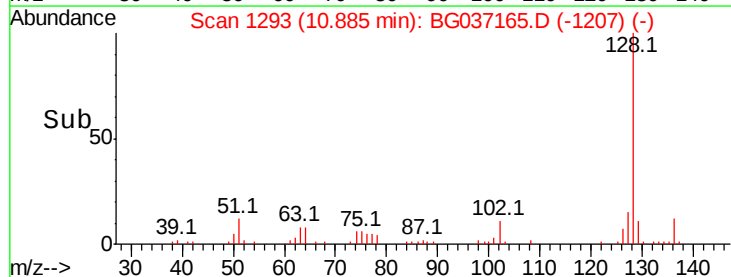
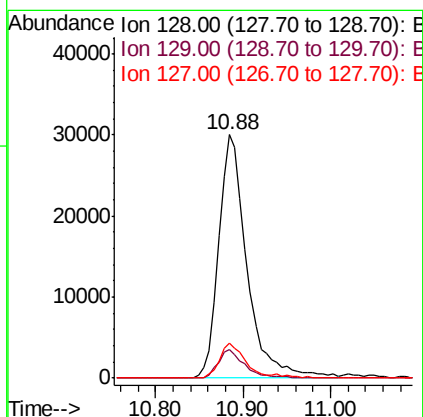
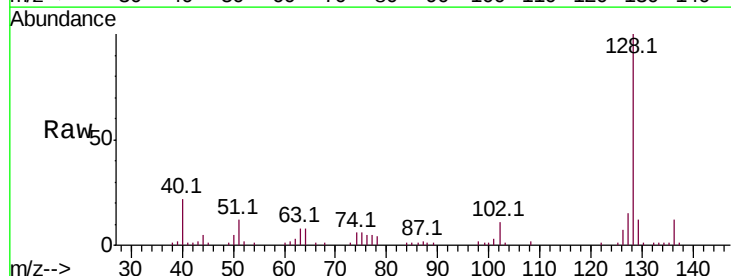
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

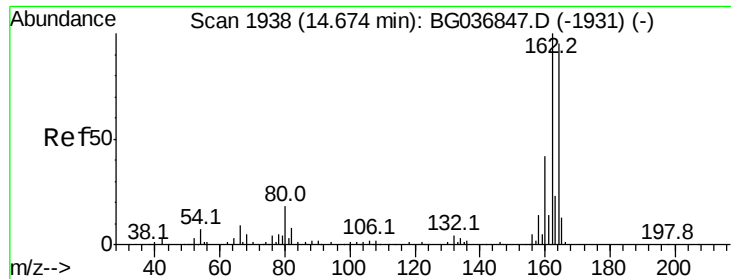
Tot Ion: 82 Resp: 266526
Ion Ratio Lower Upper
82 100
128 40.1 33.3 49.9
54 56.5 45.1 67.7



#31
Naphthalene
Concen: 9.257 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037165.D
Acq: 4 Oct 2018 21:24

Tgt Ion: 128 Resp: 67056
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.5 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037165.D

Acq: 4 Oct 2018 21:24

Instrument :

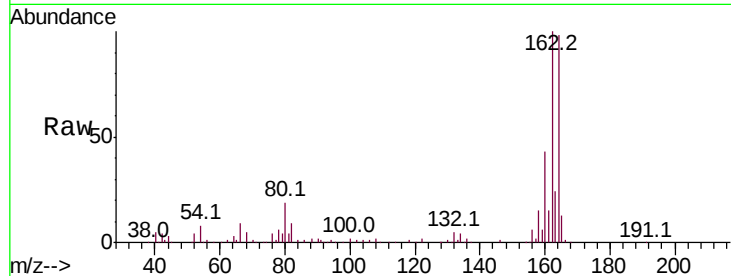
BNA_G

ClientSampleId :

CG-SOIL-1

Tot Ion:164 Resp: 104927

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.5	35.3	52.9

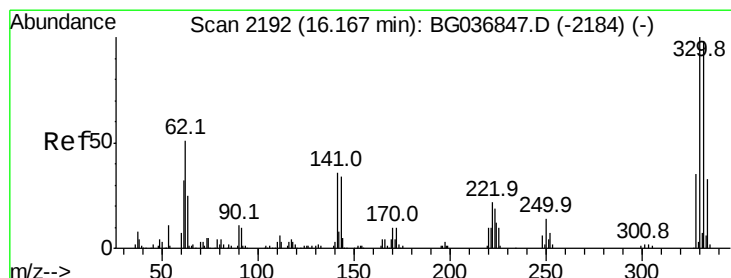
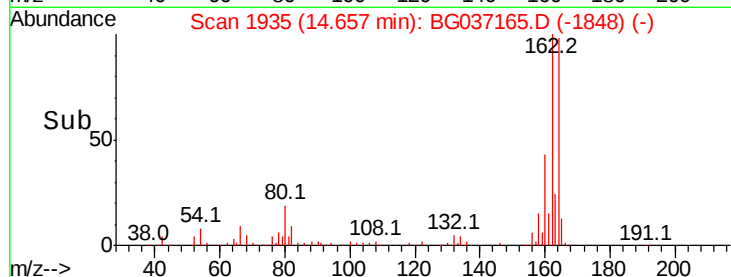
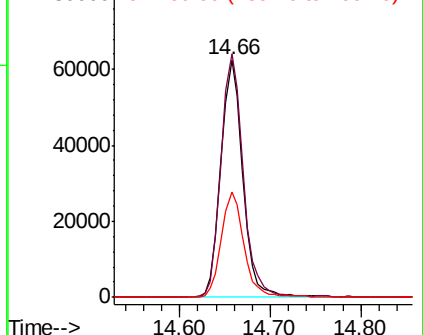


Abundance

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: 135.444 ng

RT: 16.14 min Scan# 2188

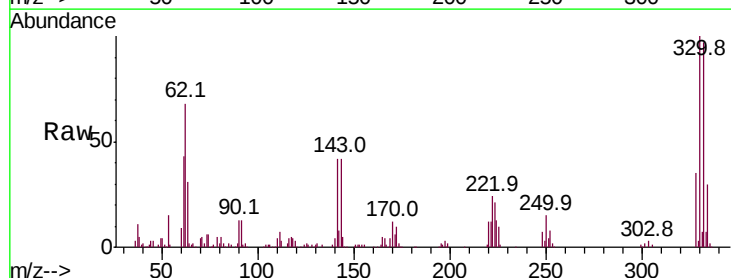
Delta R.T. -0.02 min

Lab File: BG037165.D

Acq: 4 Oct 2018 21:24

Tgt Ion:330 Resp: 170035

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	41.0	30.7	46.1

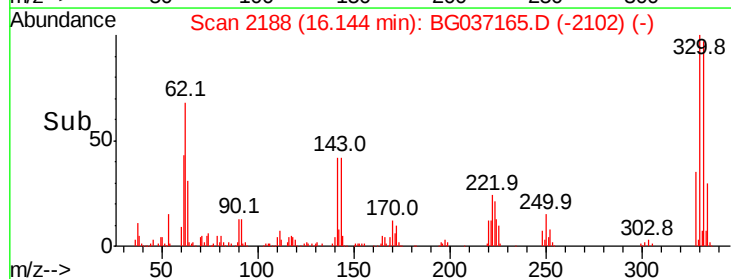
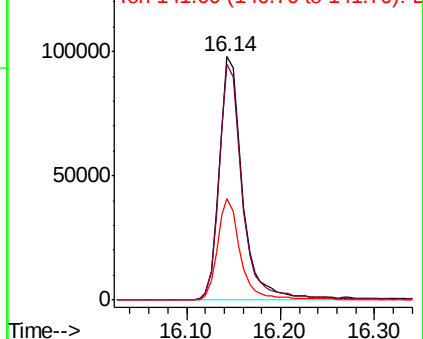


Abundance

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



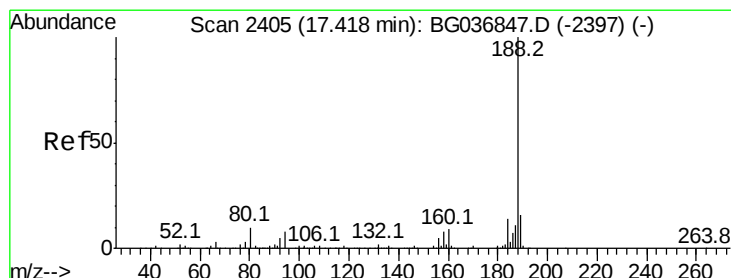
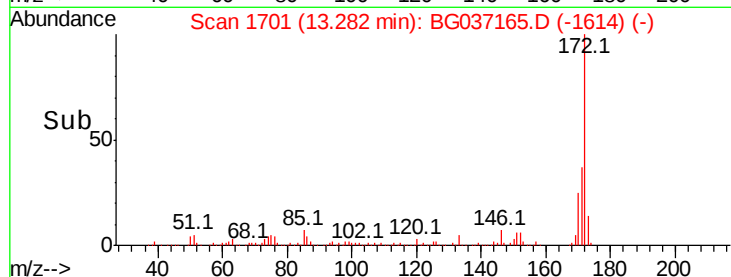
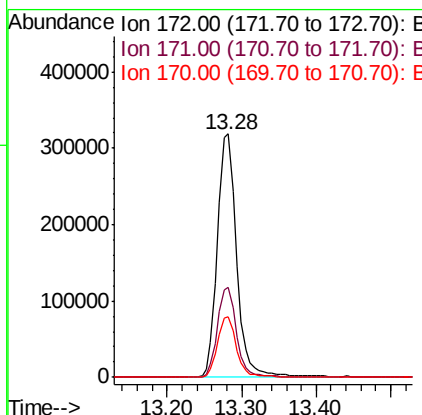
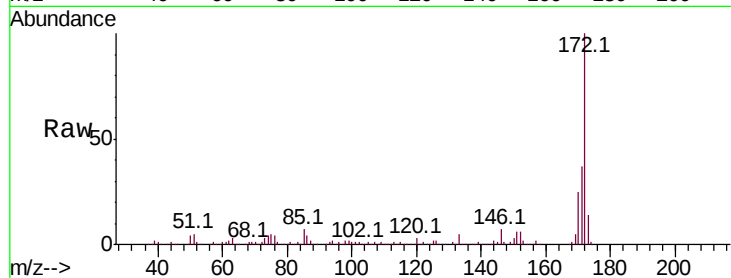


#44
 2-Fluorobiphenyl
 Concen: 81.732 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037165.D
 Acq: 4 Oct 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-1

Tot Ion:172 Resp: 575802

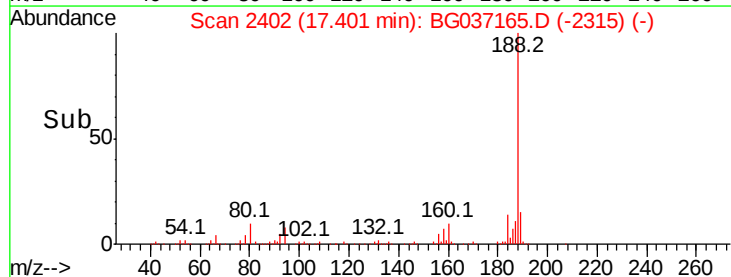
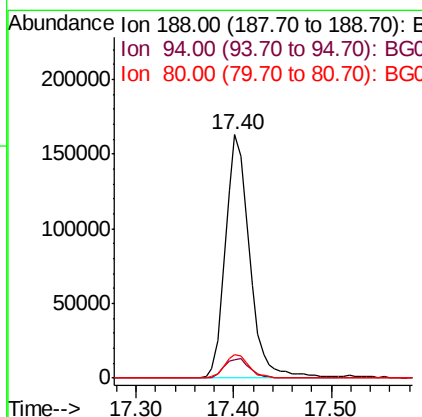
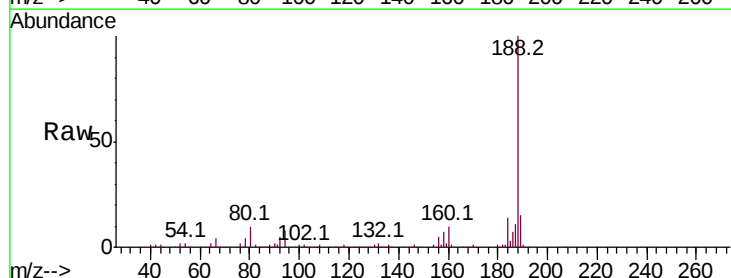
Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.0	21.0	31.6

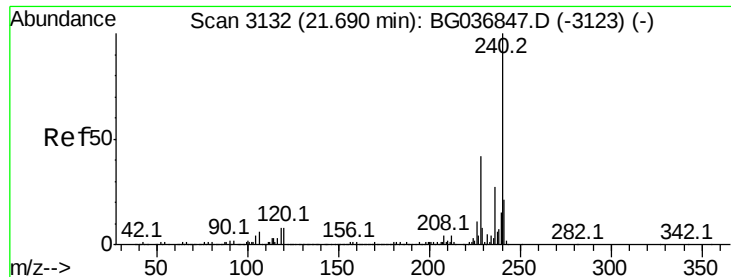


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037165.D
 Acq: 4 Oct 2018 21:24

Tgt Ion:188 Resp: 281715

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.6	8.1	12.1

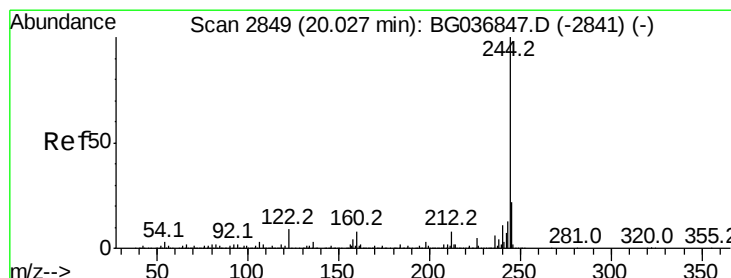
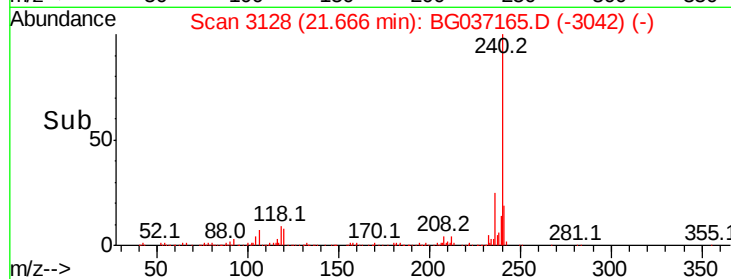
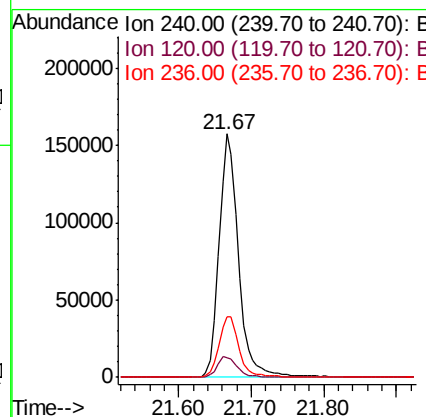
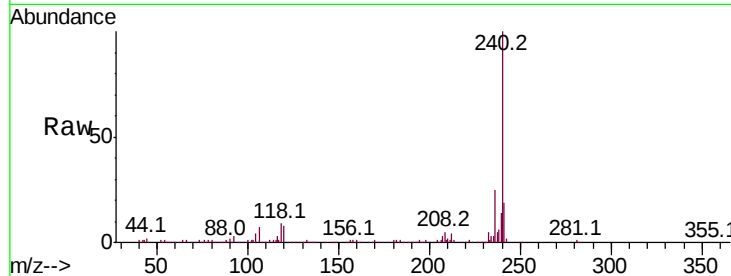




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037165.D
 Acq: 4 Oct 2018 21:24

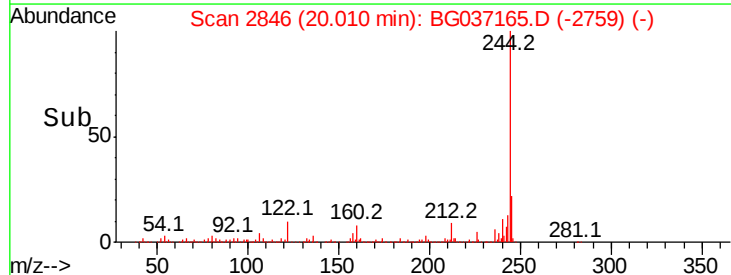
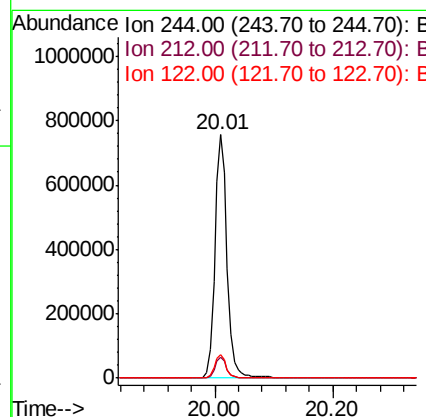
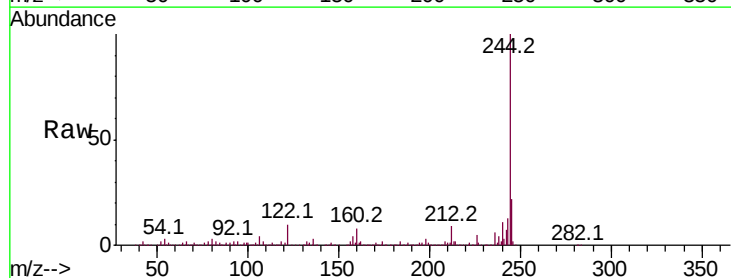
Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-1

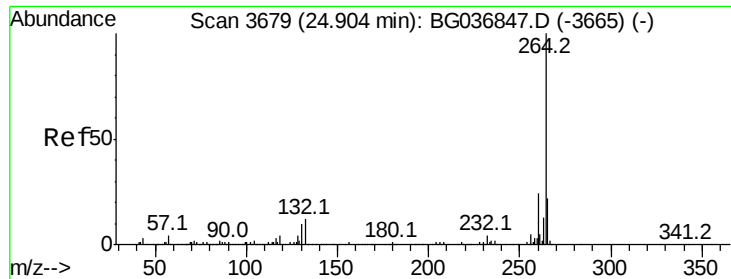
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	24.7	21.2	31.8



#78
 Terphenyl-d14
 Concen: 96.926 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037165.D
 Acq: 4 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.5	7.1	10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037165.D
Acq: 4 Oct 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.7	17.4	26.0

