

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036525.D
 Acq On : 4 Sep 2018 10:41
 Operator : JU/SJ
 Sample : J4699-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2

Quant Time: Sep 04 11:22:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

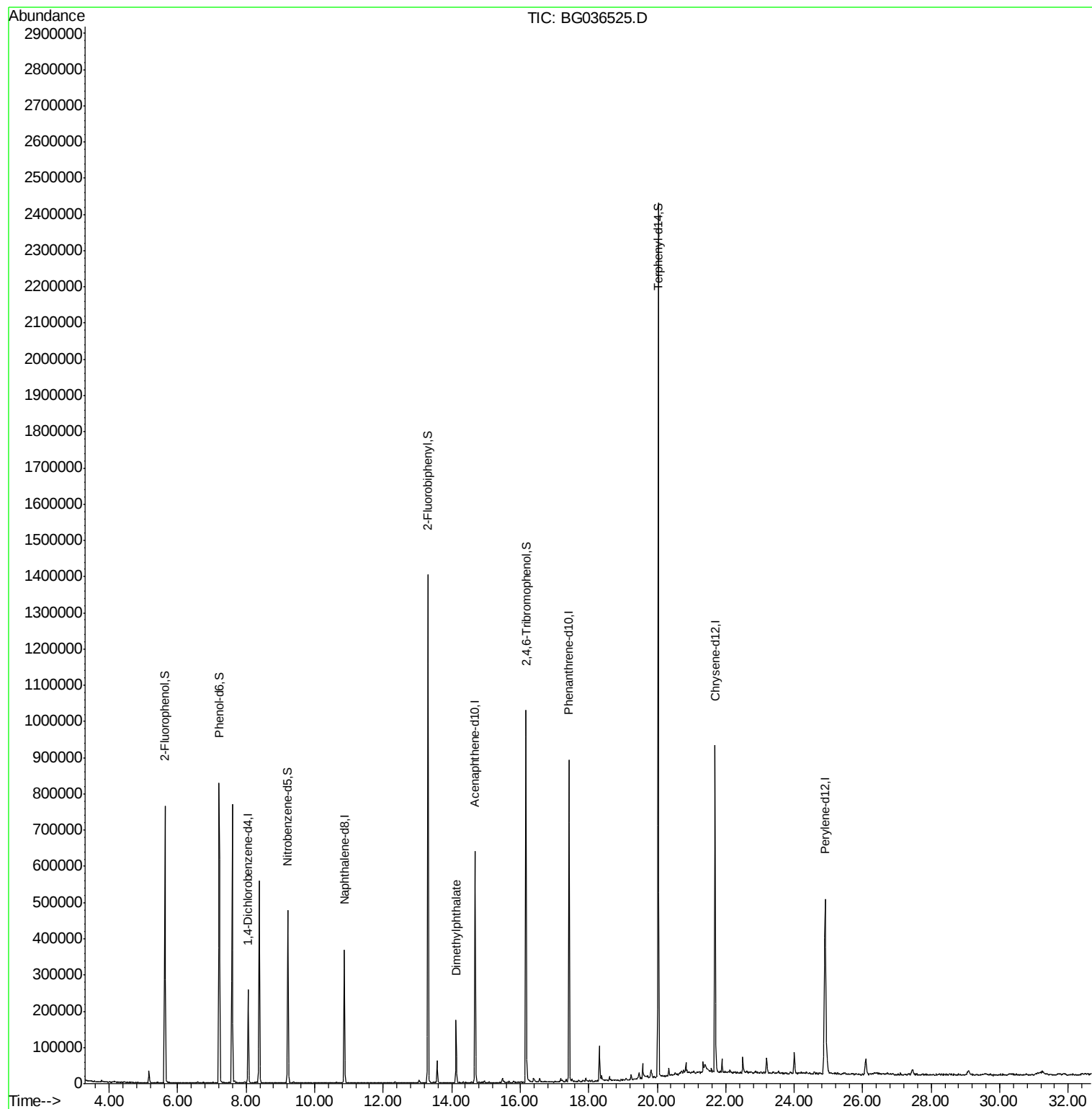
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71005	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	315286	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	219796	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	559488	20.00	ng	0.00
75) Chrysene-d12	21.69	240	558136	20.00	ng	0.00
86) Perylene-d12	24.91	264	568017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	333969	74.61	ng	0.00
7) Phenol-d6	7.21	99	493616	77.02	ng	0.00
23) Nitrobenzene-d5	9.22	82	283593	48.80	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	192855	73.53	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	721226	46.85	ng	0.00
78) Terphenyl-d14	20.03	244	1182977	49.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	110160	6.138	ng	Qvalue 99

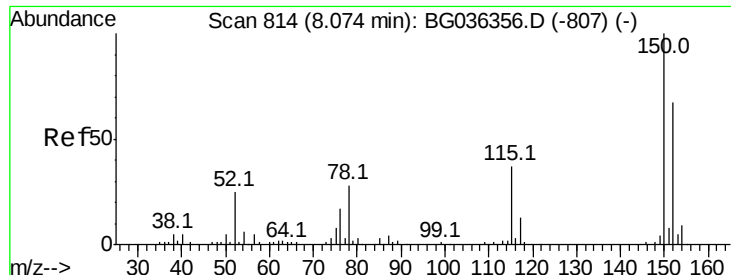
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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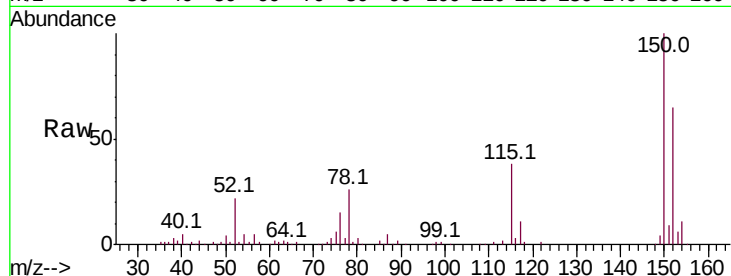


#1

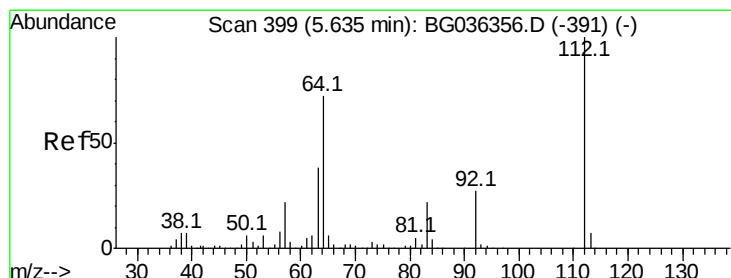
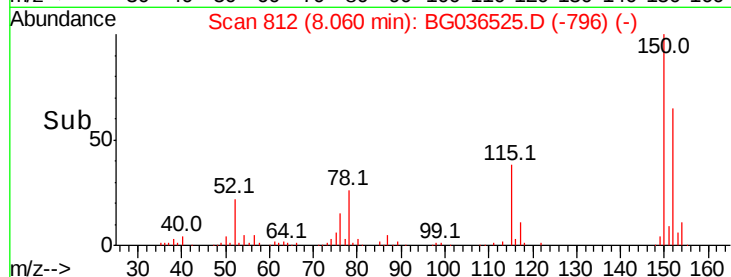
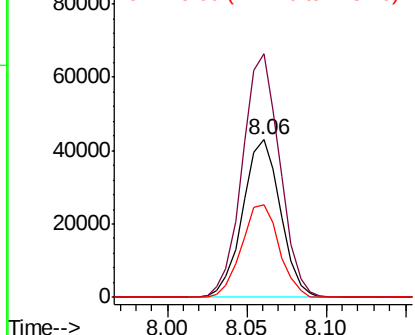
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2

Tot Ion:152 Resp: 71005
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 58.9 44.5 66.7



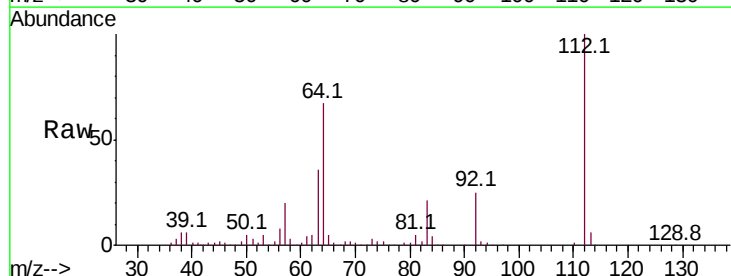
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



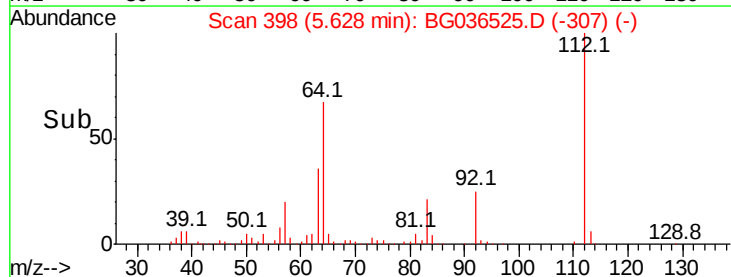
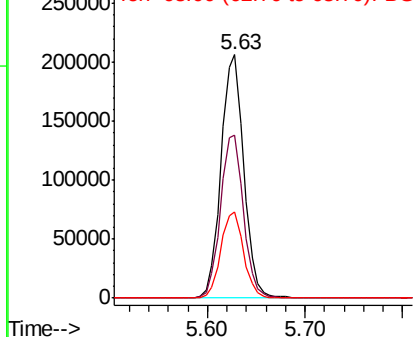
#5

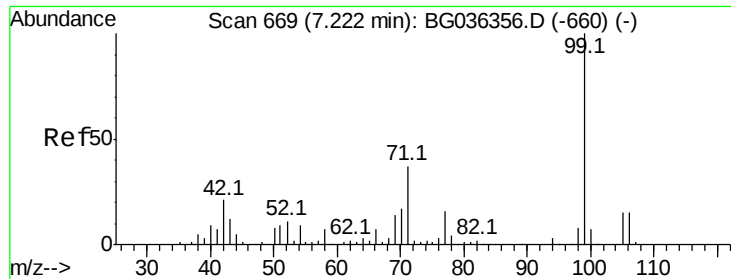
2-Fluorophenol
Concen: 74.611 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion:112 Resp: 333969
Ion Ratio Lower Upper
112 100
64 67.1 57.2 85.8
63 35.6 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: 77.022 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-2

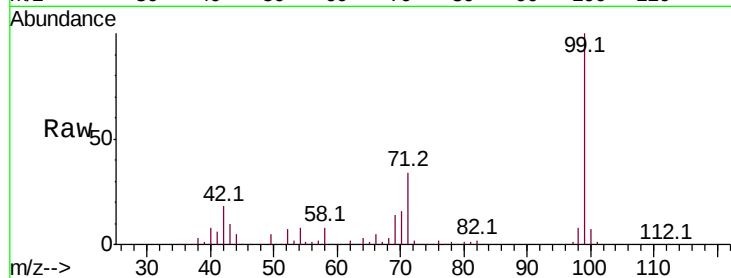
Tot Ion: 99 Resp: 493616

Ion Ratio Lower Upper

99 100

42 18.2 16.5 24.7

71 33.9 29.4 44.2

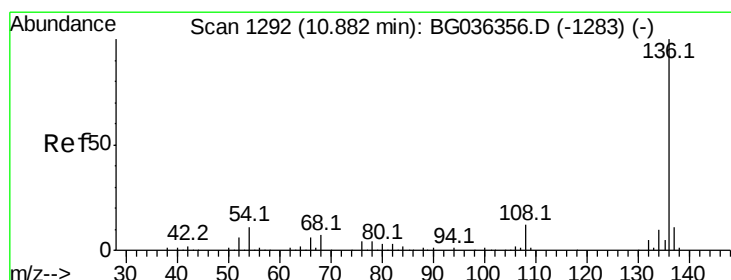
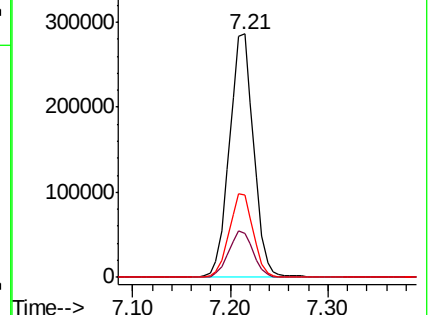
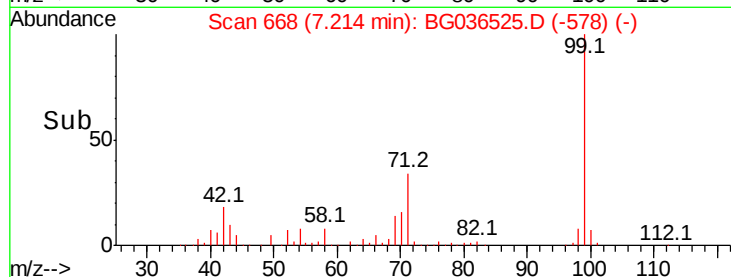


Abundance

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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Tgt Ion: 136 Resp: 315286

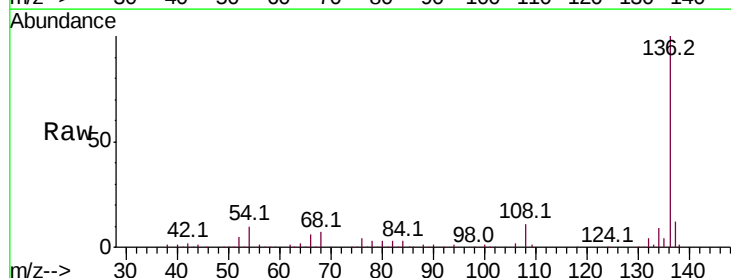
Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 10.4 9.2 13.8

68 6.8 5.8 8.6



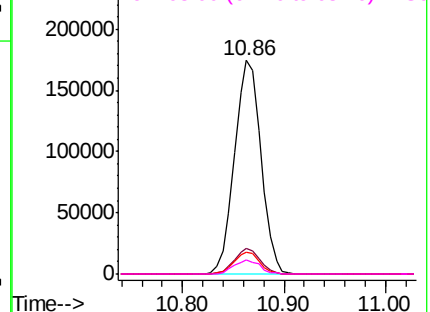
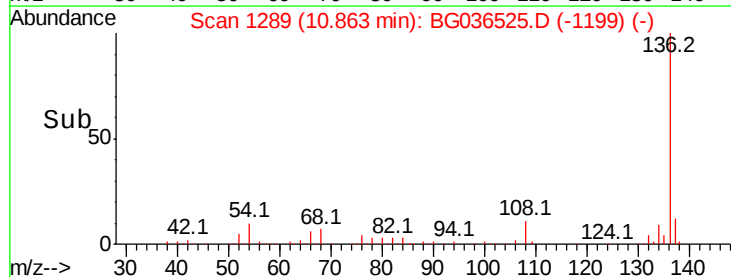
Abundance

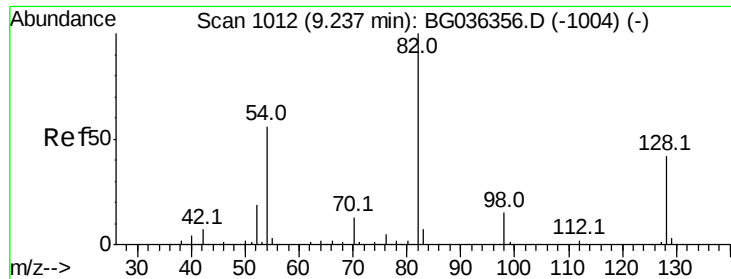
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

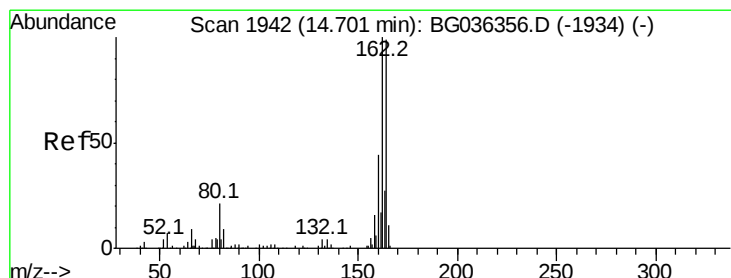
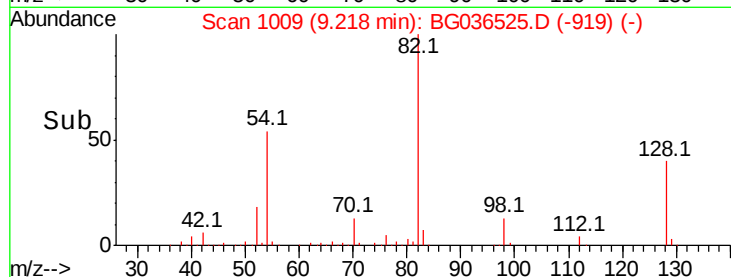
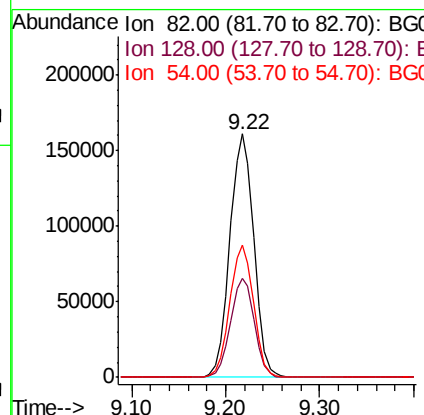
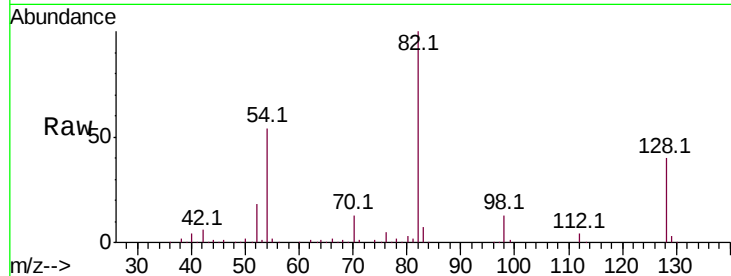




#23
 Nitrobenzene-d5
 Concen: 48.803 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

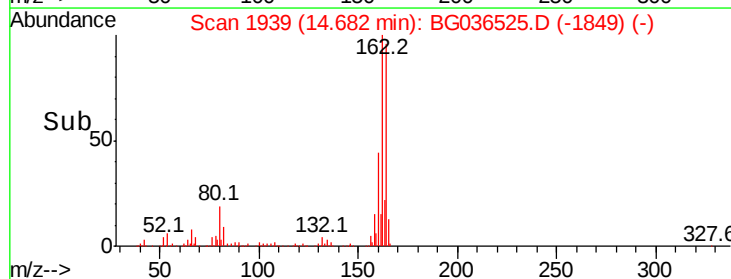
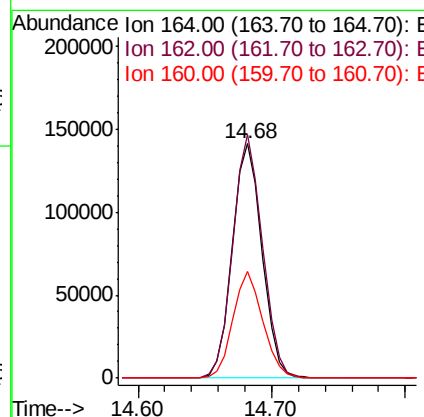
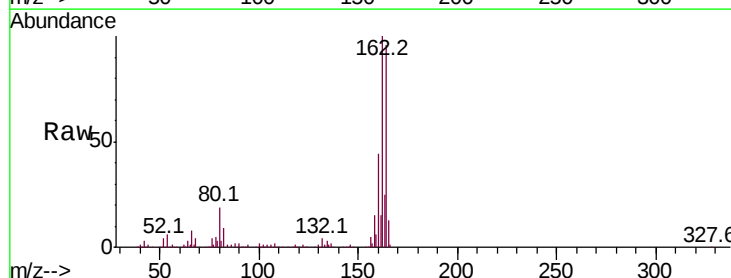
Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2

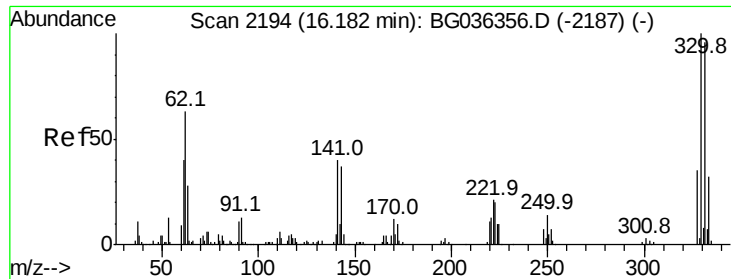
Tot Ion	82	Resp	283593
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.3	49.9
54	54.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

Tgt Ion	164	Resp	219796
Ion Ratio	Lower	Upper	
164	100		
162	103.8	80.7	121.1
160	45.3	35.3	52.9

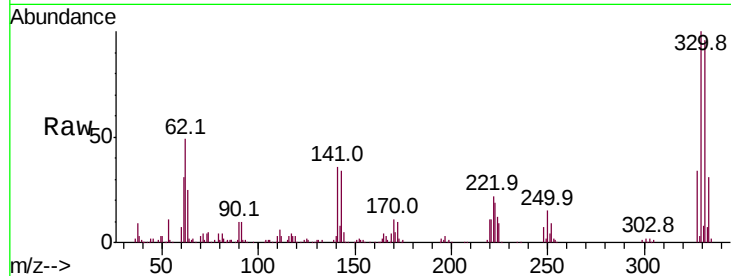




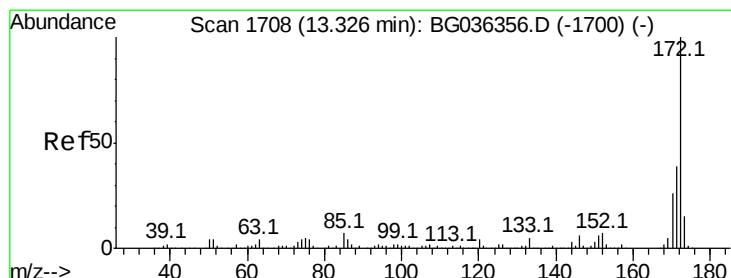
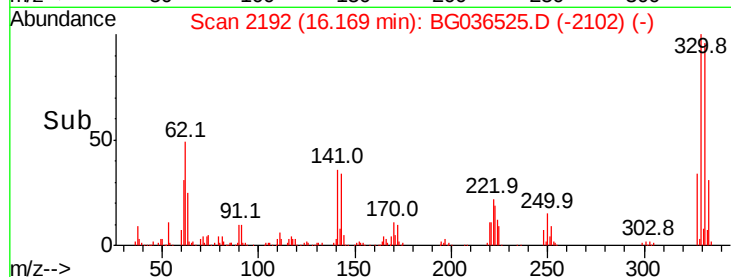
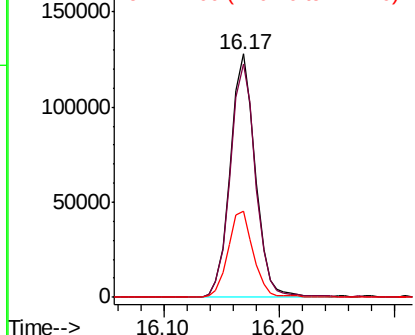
#41
 2,4,6-Tribromophenol
 Concen: 73.534 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	35.7	30.7	46.1

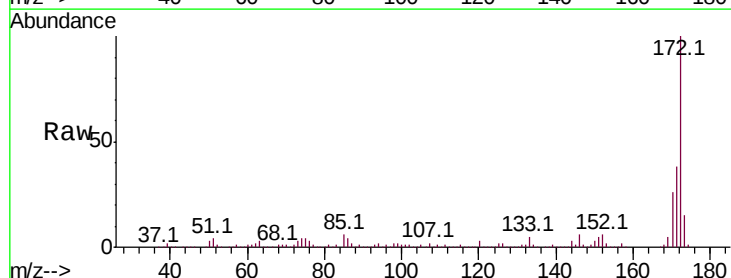


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

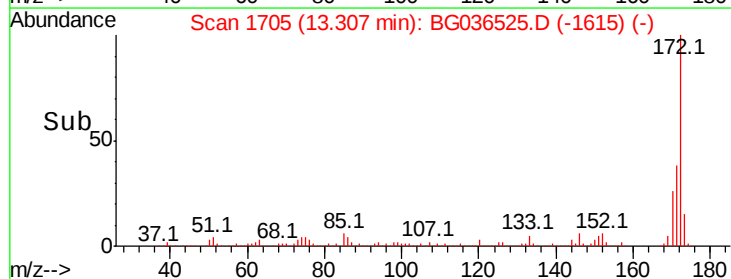
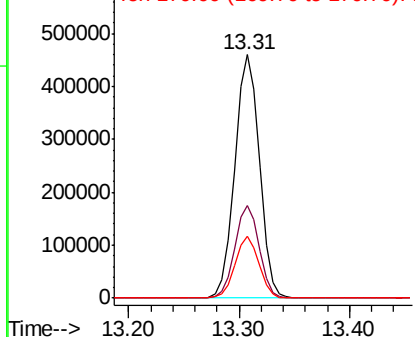


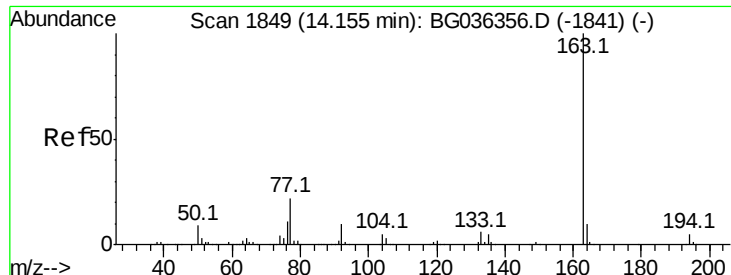
#44
 2-Fluorobiphenyl
 Concen: 46.852 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.7	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

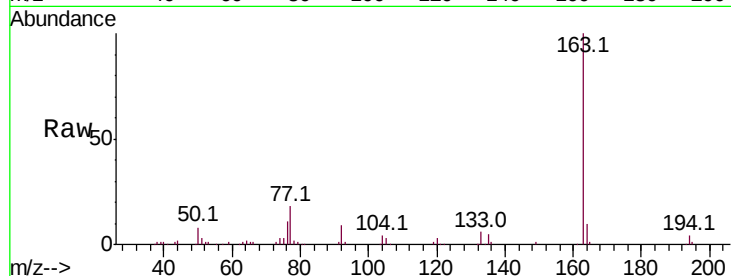




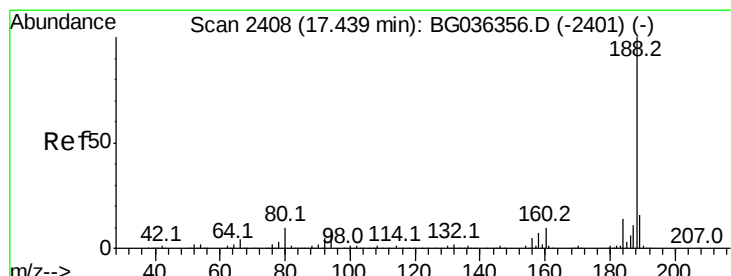
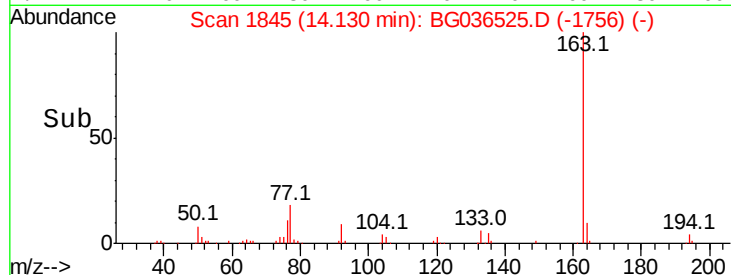
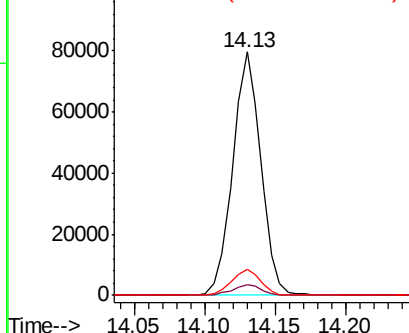
#49
Dimethylphthalate
Concen: 6.138 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2

Tot Ion:163 Resp: 110160
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.5 8.1 12.1

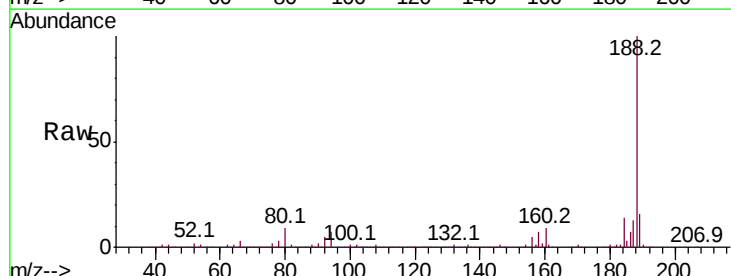


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

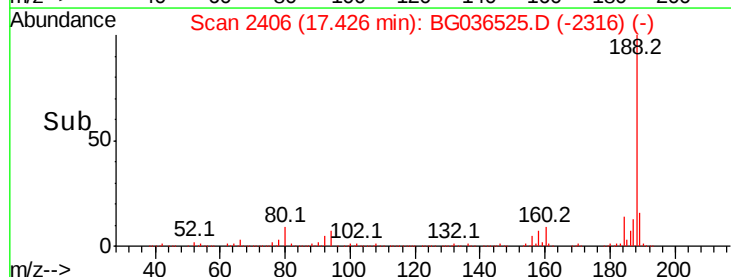
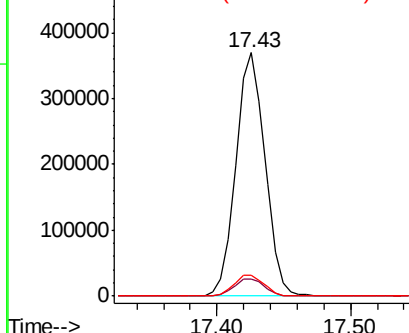


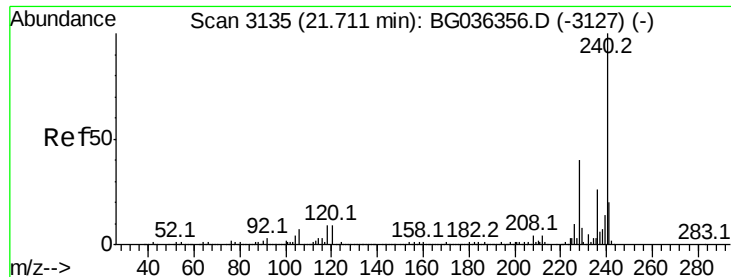
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion:188 Resp: 559488
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-2

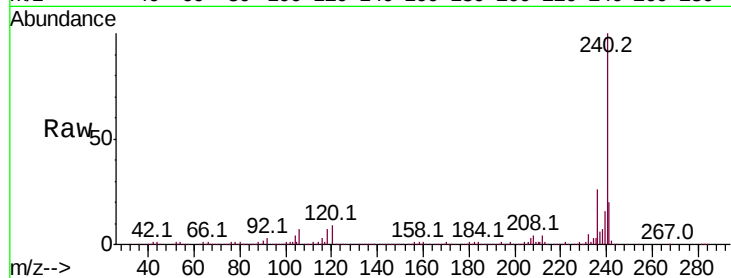
Tot Ion:240 Resp: 558136

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

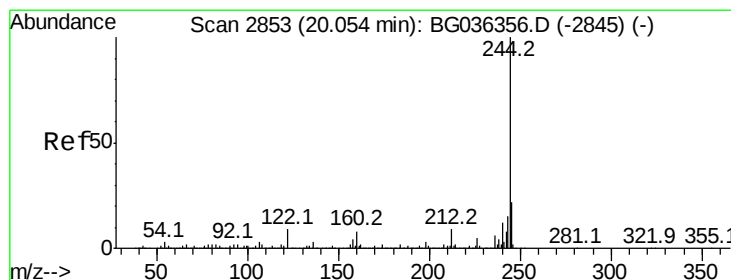
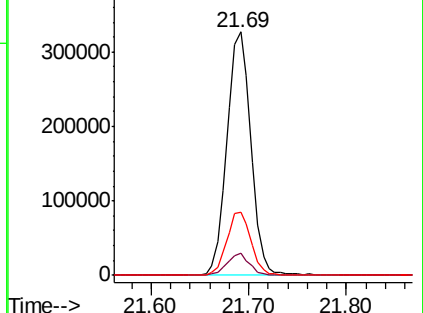
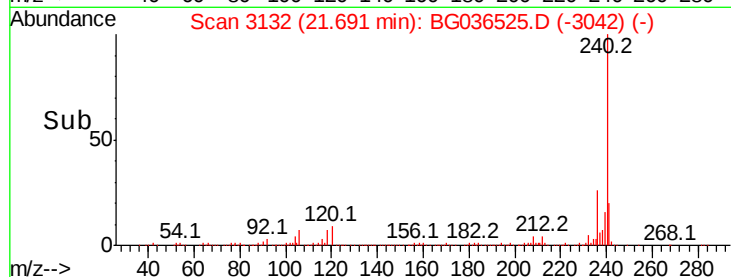
236 26.0 21.2 31.8



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: 49.540 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

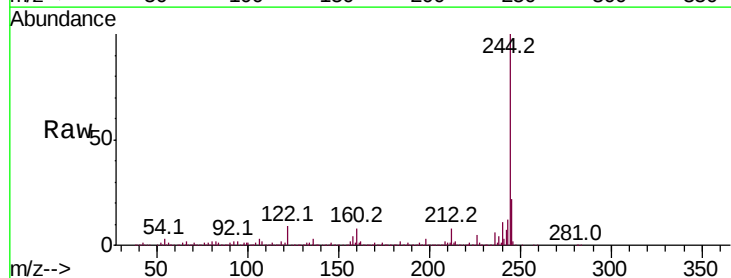
Tgt Ion:244 Resp: 1182977

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

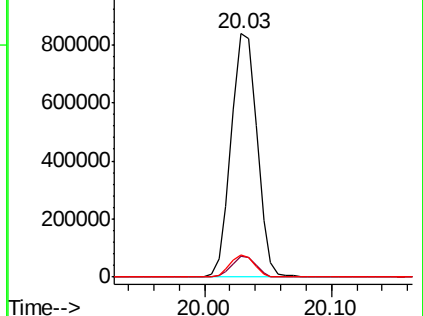
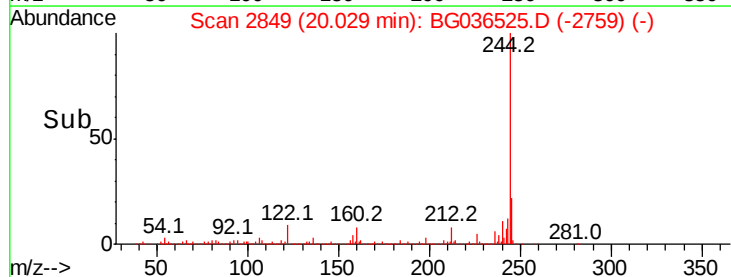
122 9.2 7.1 10.7

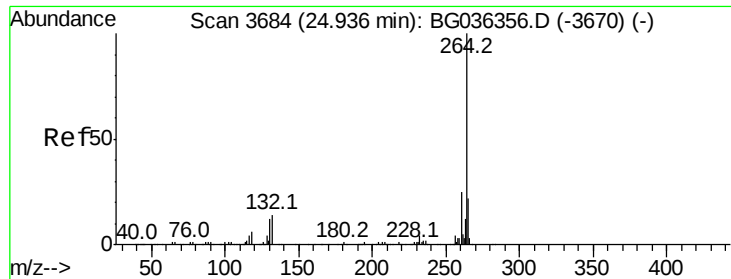


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	17.4	26.0

