

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036486.D
 Acq On : 30 Aug 2018 20:08
 Operator : JU/SJ
 Sample : J4699-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-1

Quant Time: Aug 31 01:35:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

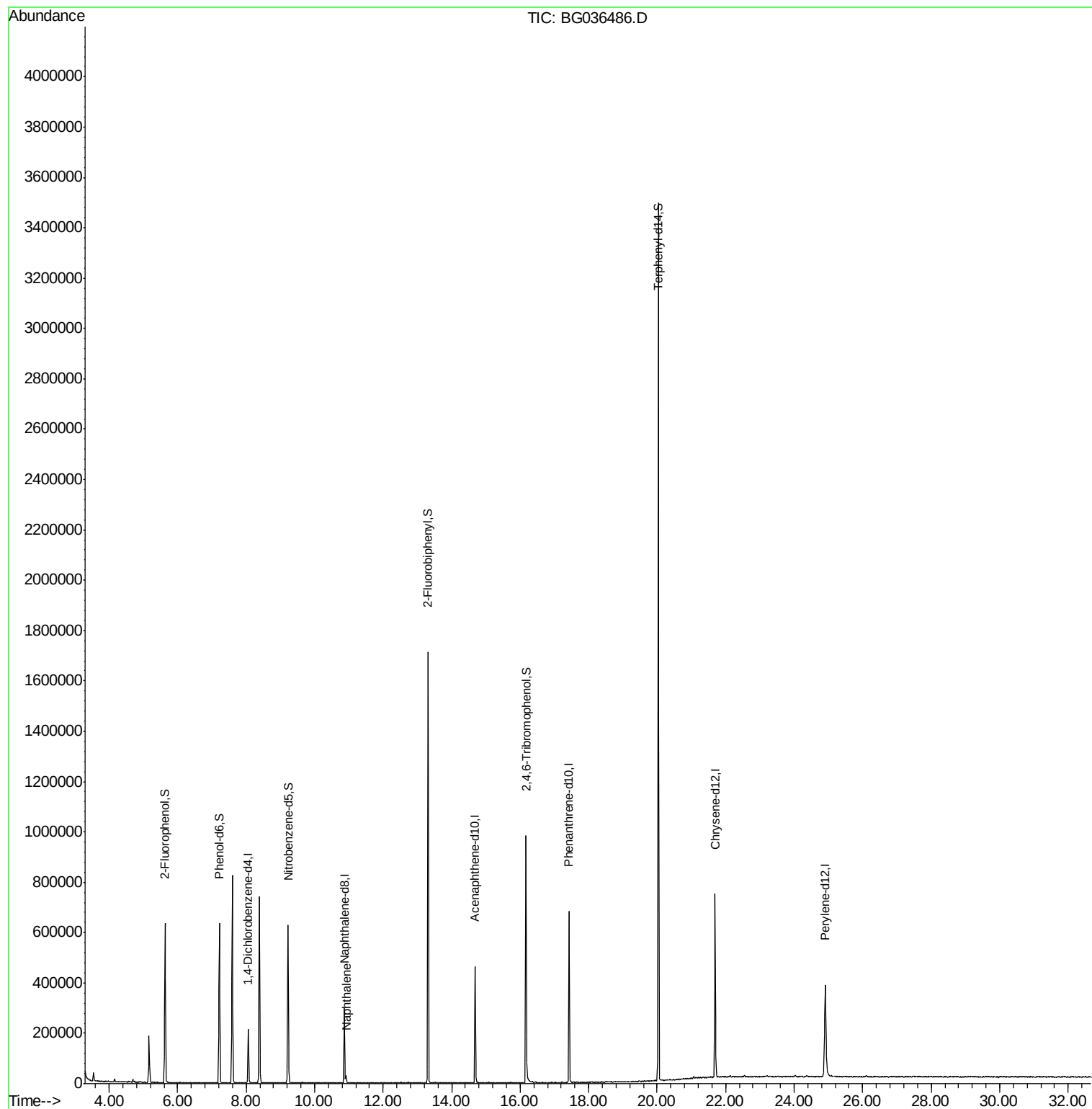
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61059	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	247837	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	162373	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	426503	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	447366	20.00	ng	-0.02
86) Perylene-d12	24.91	264	437077	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	270570	70.29	ng	0.00
7) Phenol-d6	7.22	99	356885	64.76	ng	0.00
23) Nitrobenzene-d5	9.22	82	384201	84.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	183148	94.53	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	921189	81.00	ng	-0.01
78) Terphenyl-d14	20.04	244	1574566	82.27	ng	-0.02
Target Compounds						
31) Naphthalene	10.92	128	27139	2.191	ng	Qvalue 98

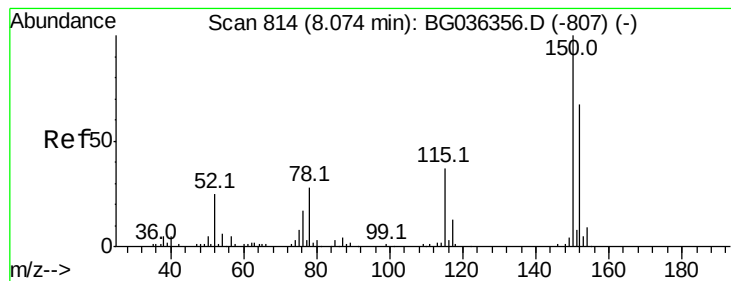
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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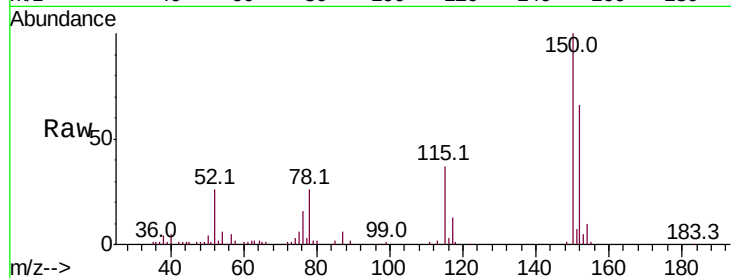


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	56.4	44.5	66.7

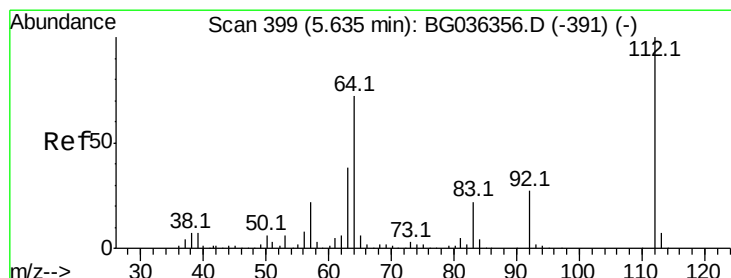
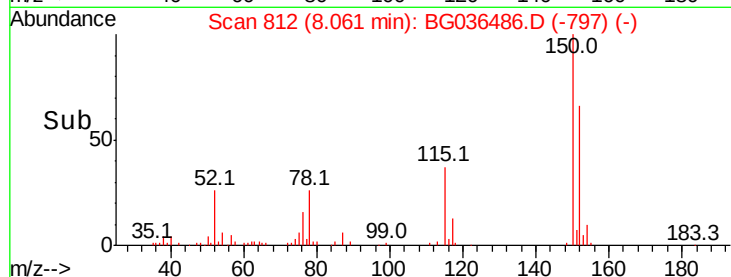
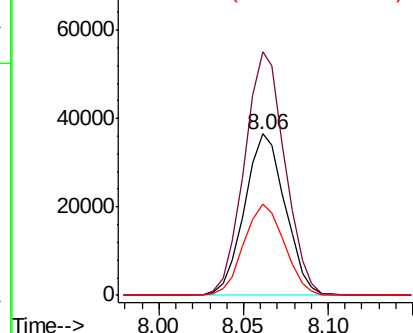


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

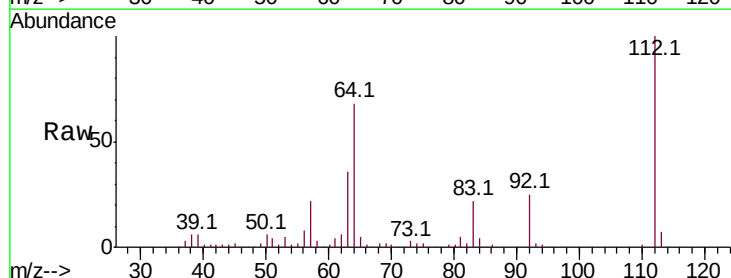
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.293 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.2	85.8
63	35.7	30.8	46.2

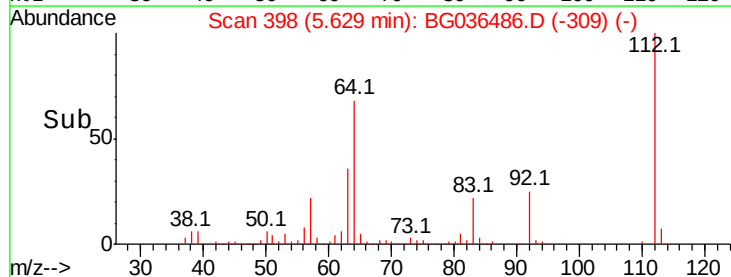
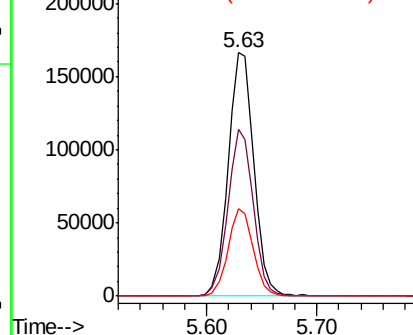


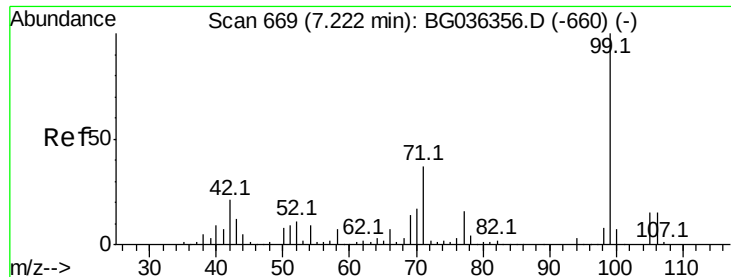
Abundance

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: 64.758 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

Instrument :

BNA_G

ClientSampled :

CG-SOIL-1

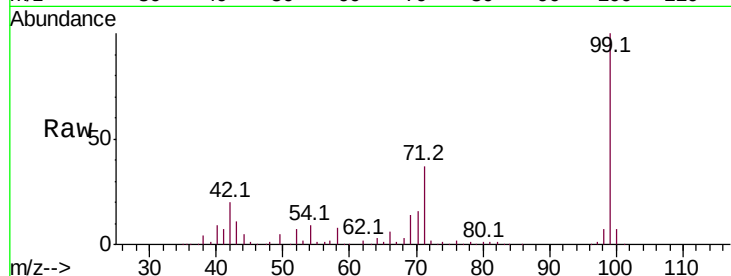
Tot Ion: 99 Resp: 356885

Ion Ratio Lower Upper

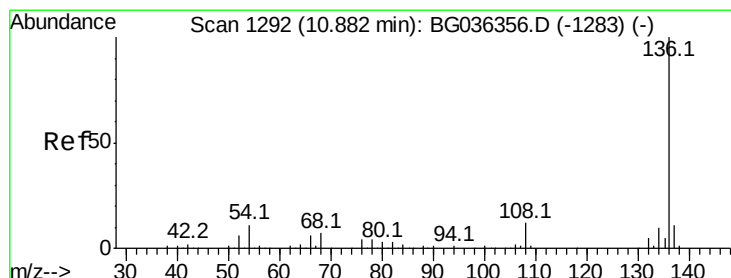
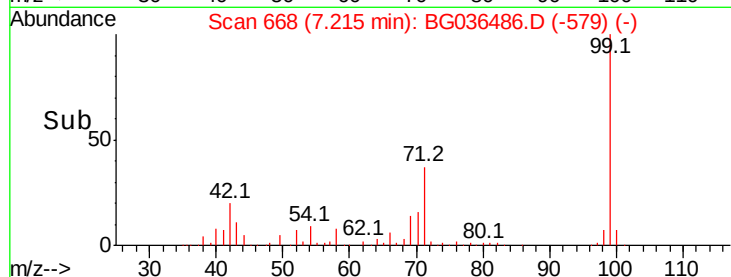
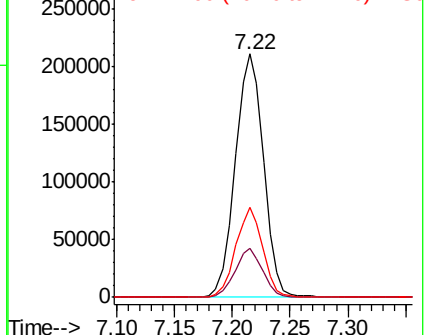
99 100

42 20.2 16.5 24.7

71 36.7 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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

Tgt Ion: 136 Resp: 247837

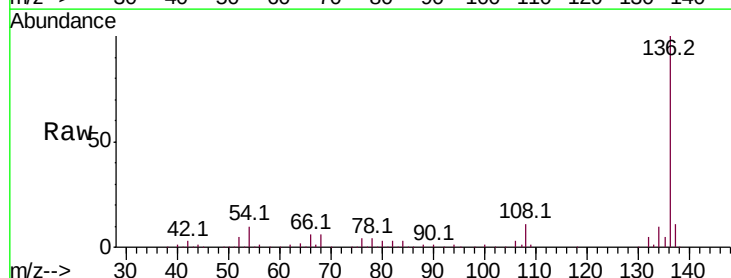
Ion Ratio Lower Upper

136 100

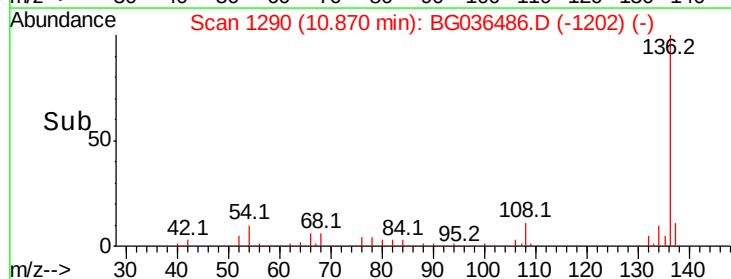
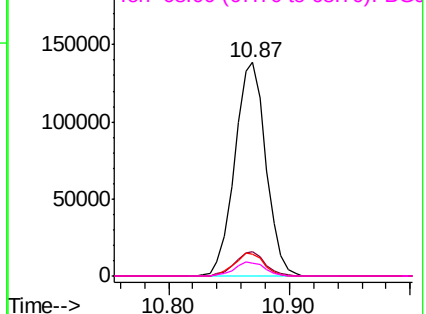
137 11.4 8.8 13.2

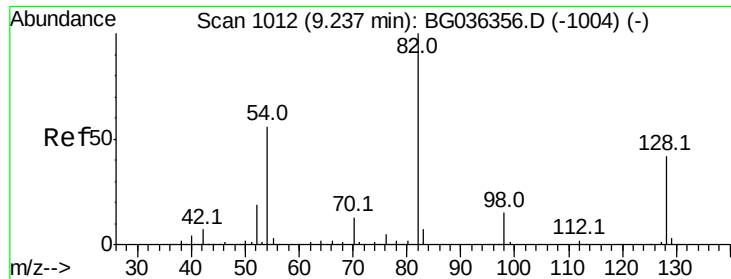
54 10.4 9.2 13.8

68 6.1 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

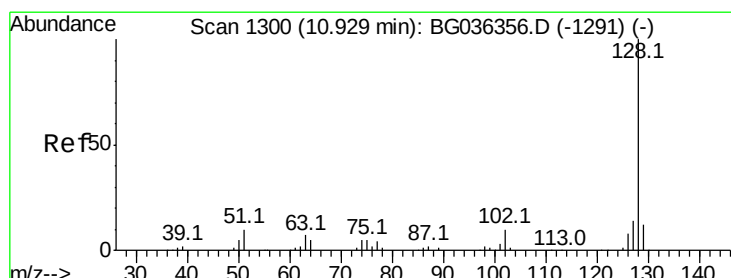
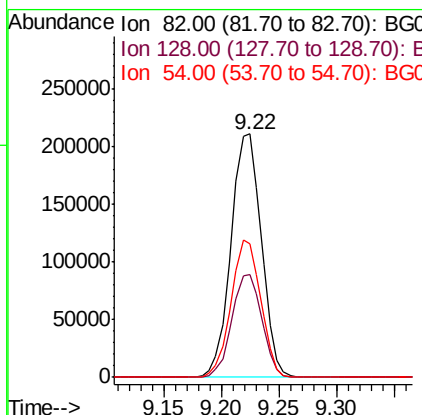
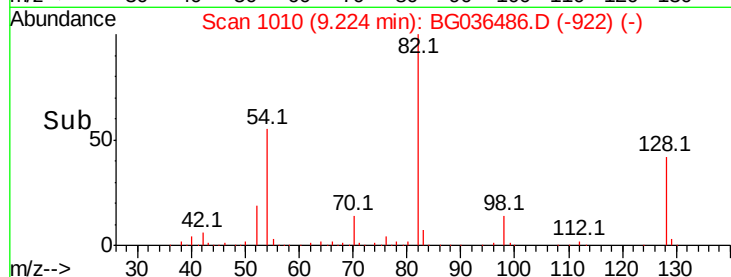
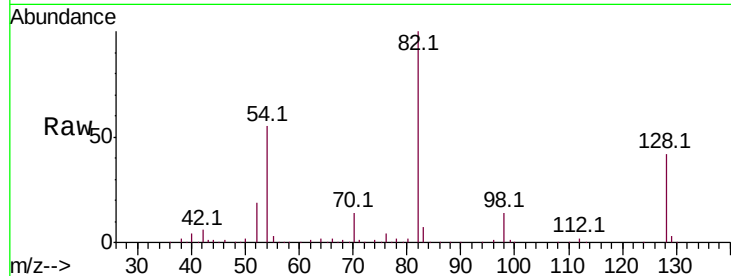




#23
Nitrobenzene-d5
Concen: 84.110 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

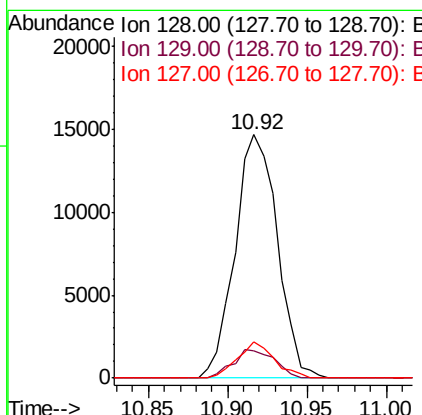
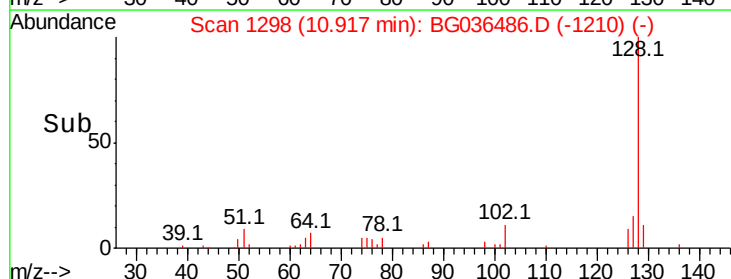
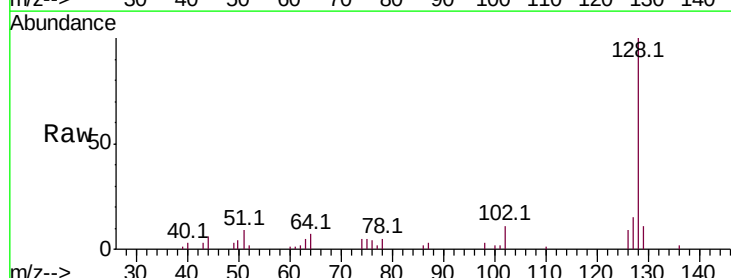
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

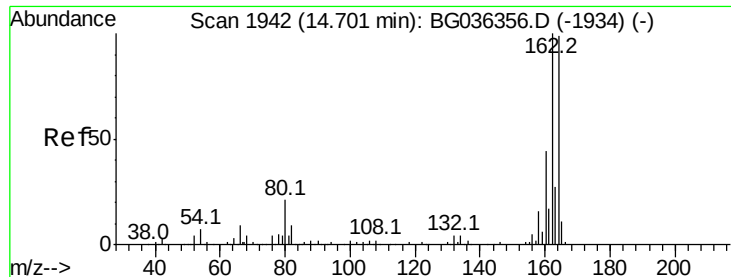
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	54.7	45.1	67.7



#31
Naphthalene
Concen: 2.191 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	14.9	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

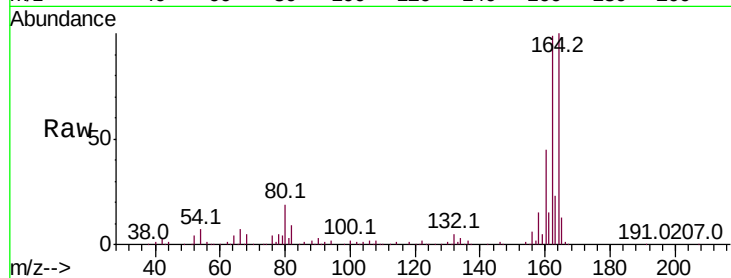
Tot Ion:164 Resp: 162373

Ion Ratio Lower Upper

164 100

162 99.2 80.7 121.1

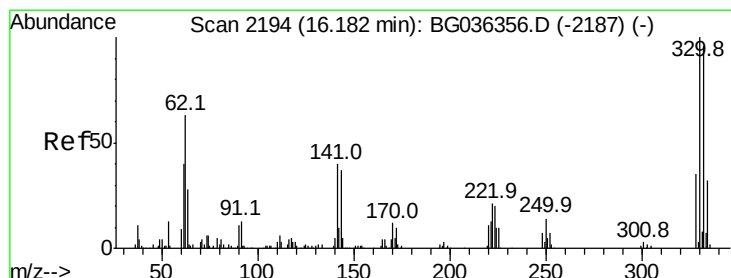
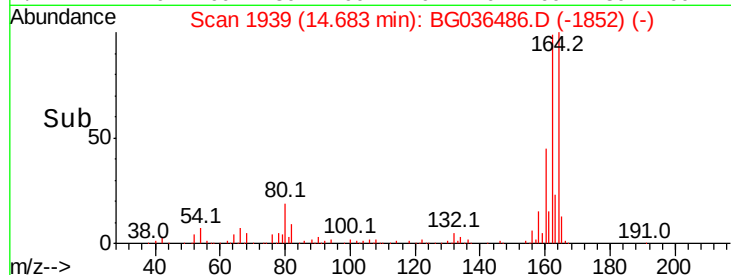
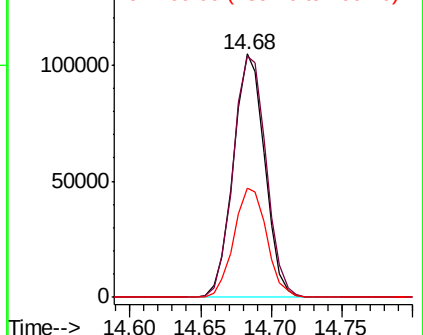
160 45.1 35.3 52.9



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: 94.529 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

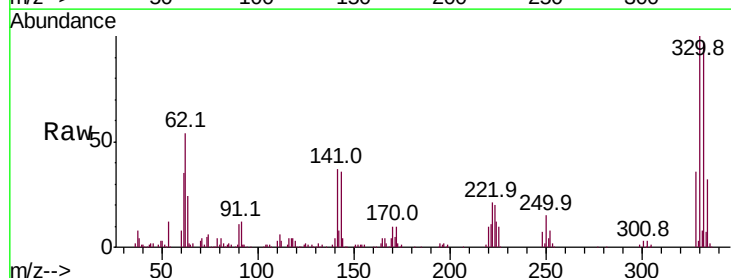
Tgt Ion:330 Resp: 183148

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

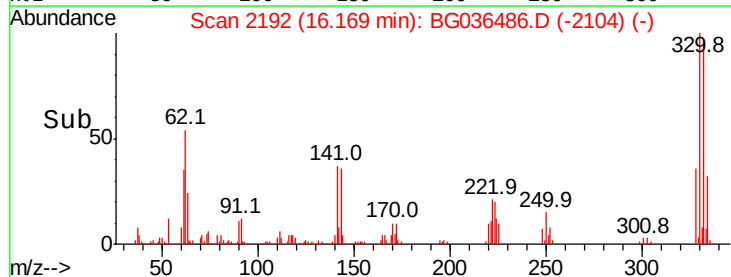
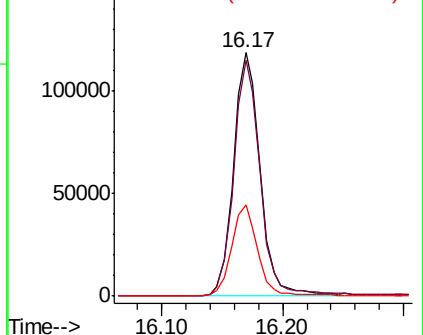
141 36.8 30.7 46.1

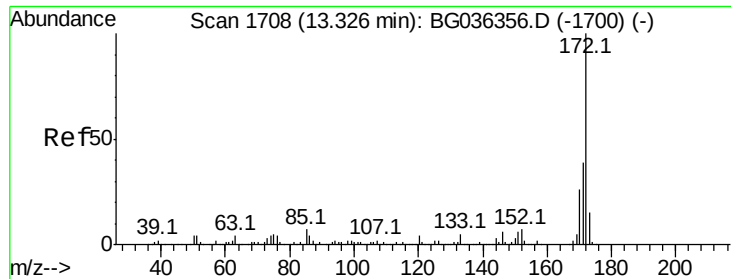


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

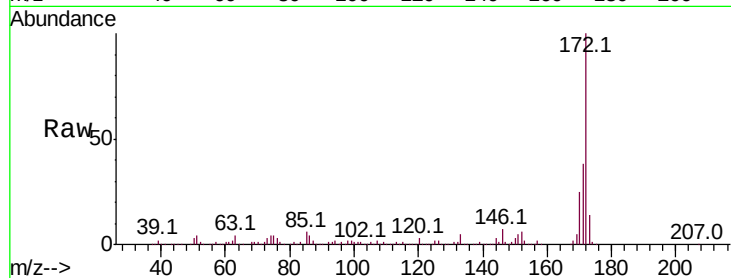




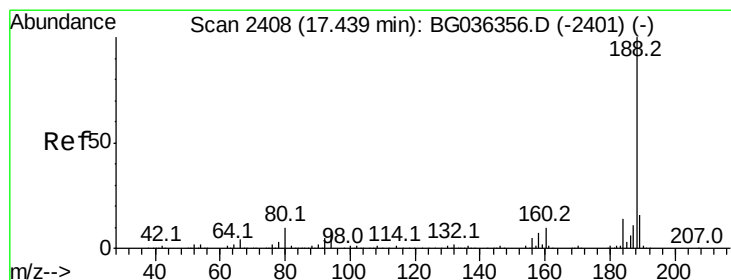
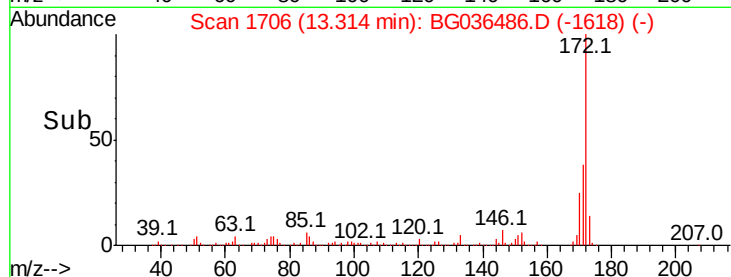
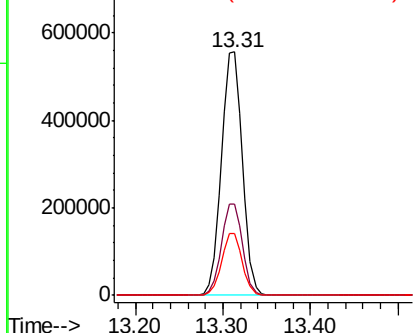
#44
2-Fluorobiphenyl
Concen: 81.004 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion:172 Resp: 921189
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 25.2 21.0 31.6

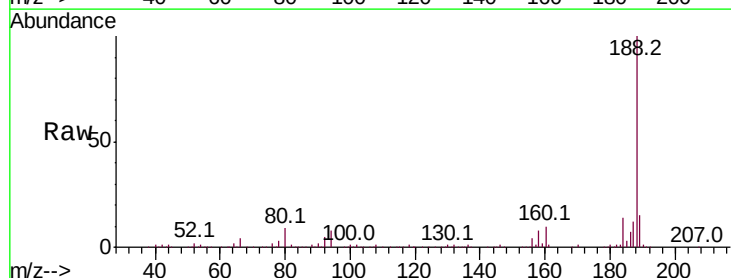


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

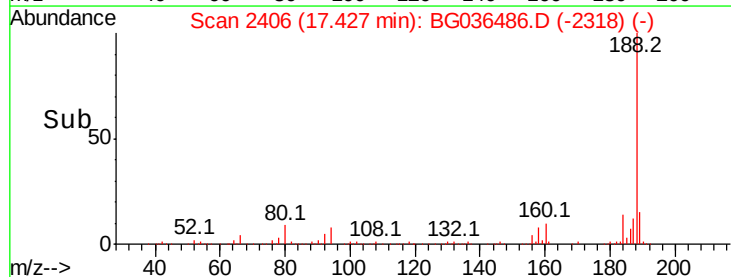
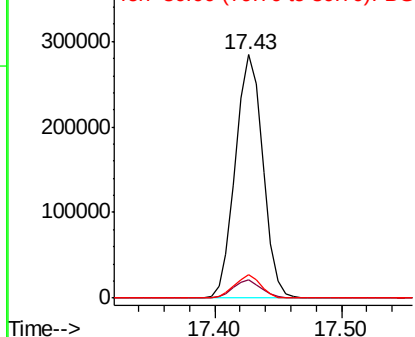


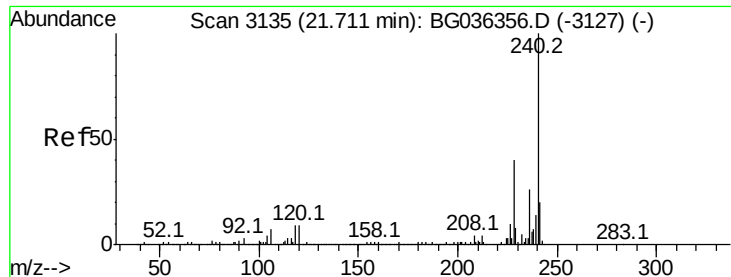
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Tgt Ion:188 Resp: 426503
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-1

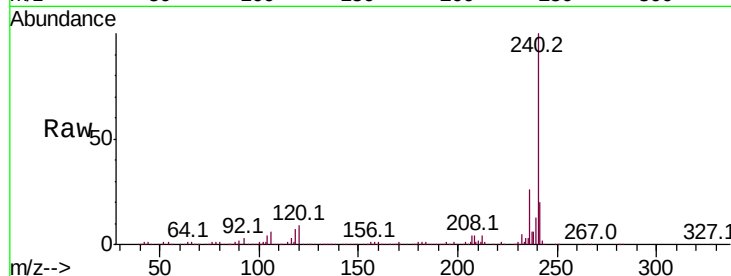
Tot Ion:240 Resp: 447366

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

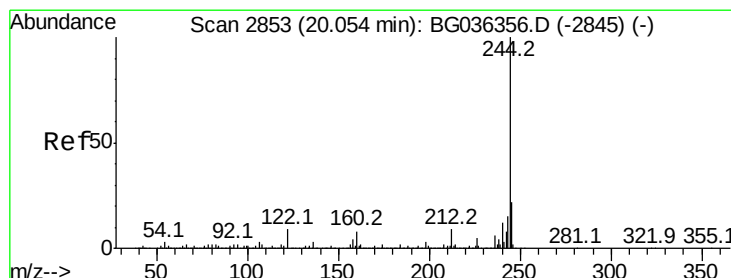
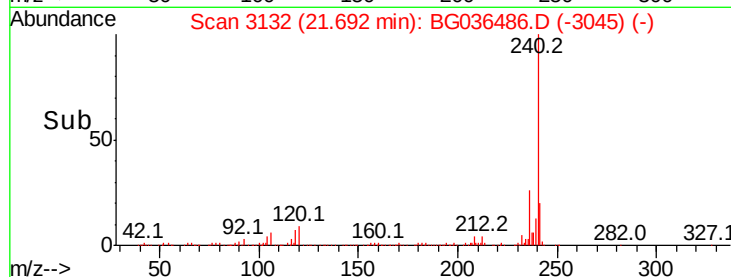
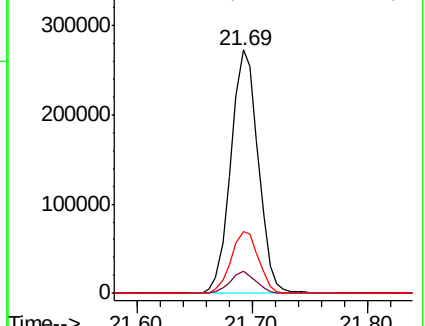
236 25.6 21.2 31.8



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: 82.266 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036486.D

Acq: 30 Aug 2018 20:08

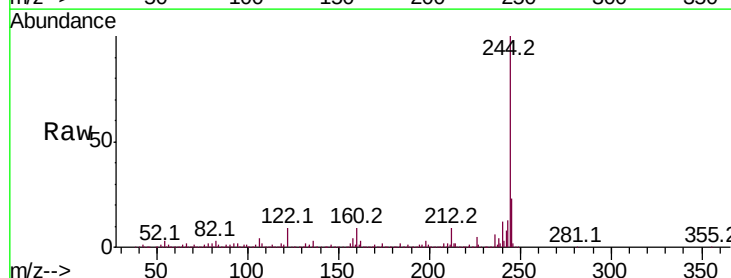
Tgt Ion:244 Resp: 1574566

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

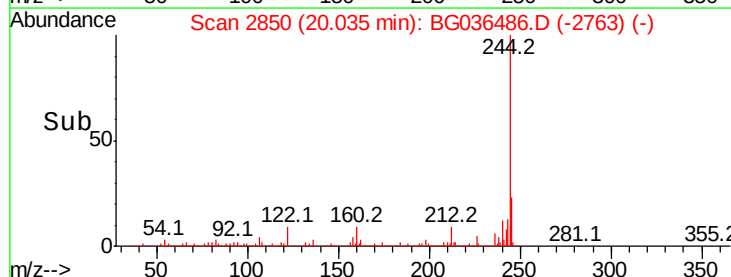
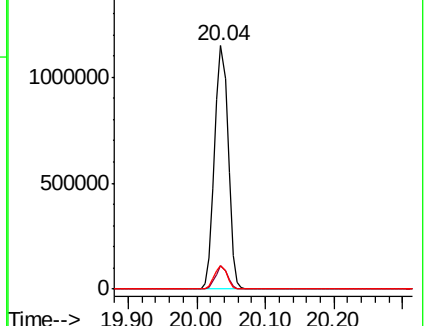
122 9.5 7.1 10.7

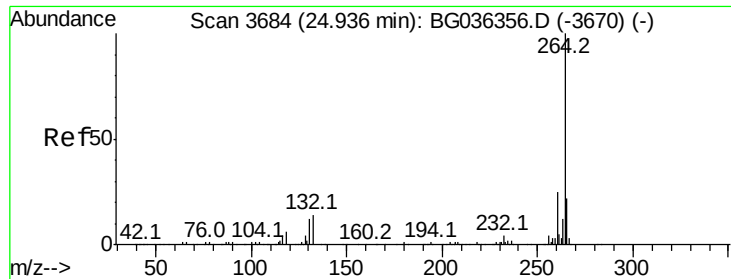


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.03 min
Lab File: BG036486.D
Acq: 30 Aug 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-1

Tot Ion:	264	Resp:	437077
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.2	17.4	26.0

