

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038133.D
 Acq On : 22 Nov 2018 1:30
 Operator : JU/SJ
 Sample : J6024-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-SOIL

Quant Time: Nov 22 02:11:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42160	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	187330	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120258	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	272768	20.00	ng	0.00
76) Chrysene-d12	21.75	240	258862	20.00	ng	0.00
87) Perylene-d12	25.07	264	229166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	268441	109.93	ng	0.00
7) Phenol-d6	7.23	99	335581	96.28	ng	0.00
23) Nitrobenzene-d5	9.26	82	275948	78.85	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	122026	88.97	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	600620	72.76	ng	0.00
79) Terphenyl-d14	20.07	244	986145	89.64	ng	0.00

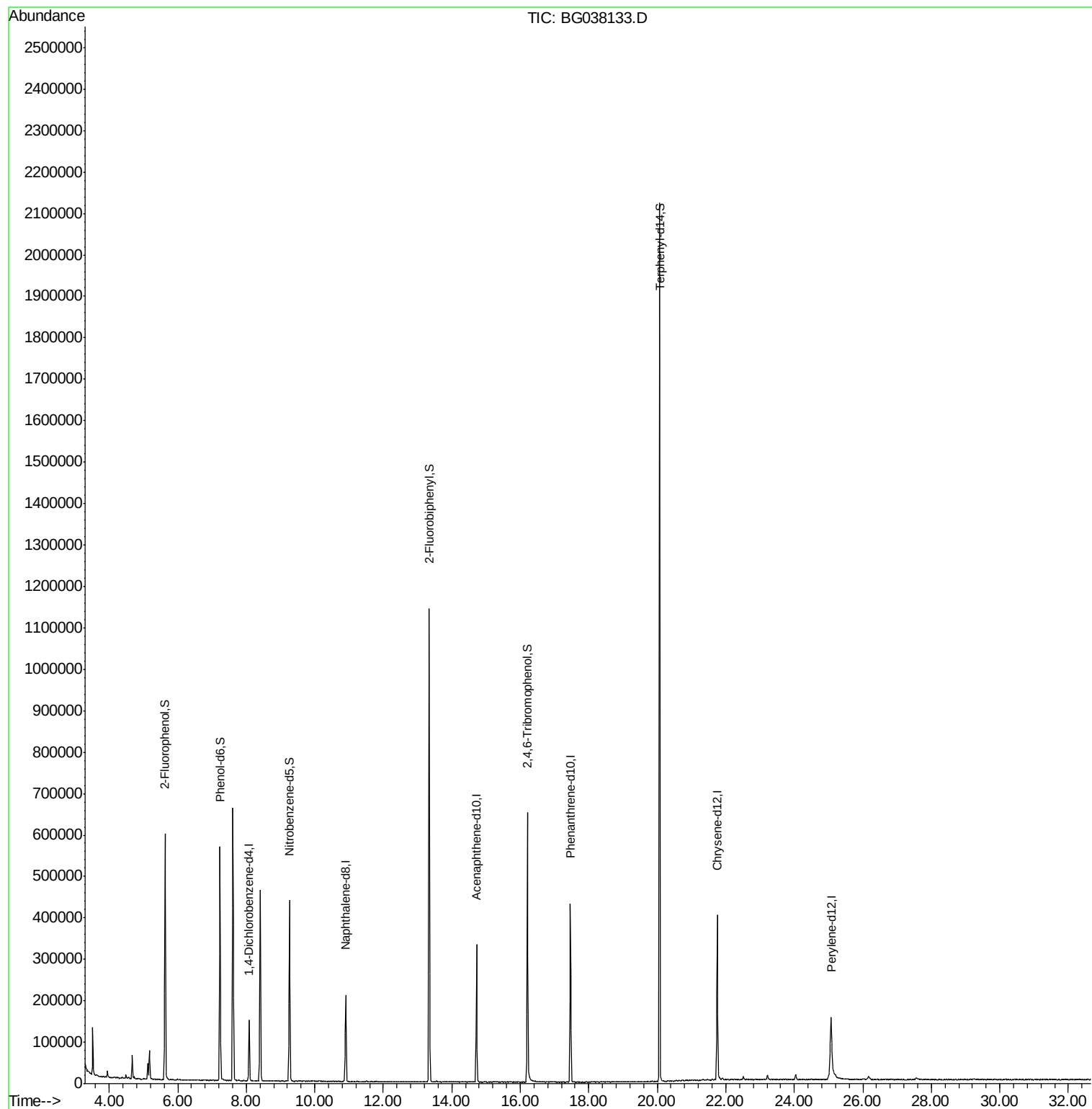
Target Compounds Qvalue

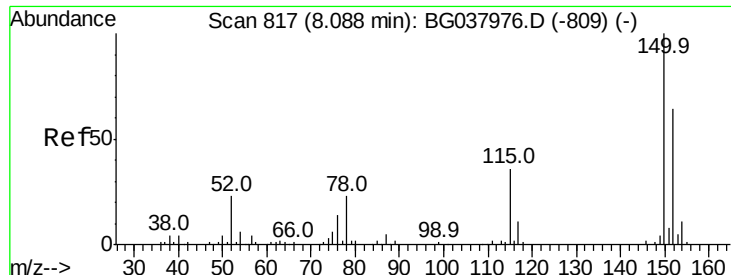
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :
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QLast Update : Tue Nov 13 16:39:28 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

Instrument :

BNA_G

ClientSampled :

PS-SOIL

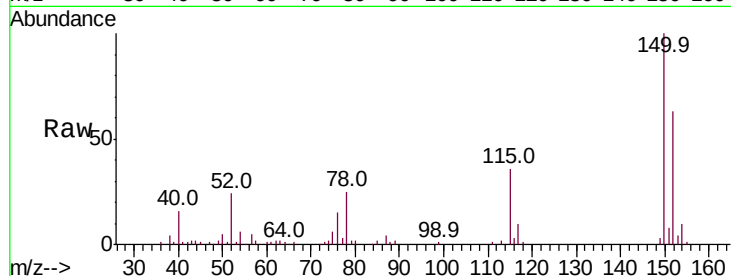
Tot Ion:152 Resp: 42160

Ion Ratio Lower Upper

152 100

150 158.5 126.0 189.0

115 57.7 45.5 68.3

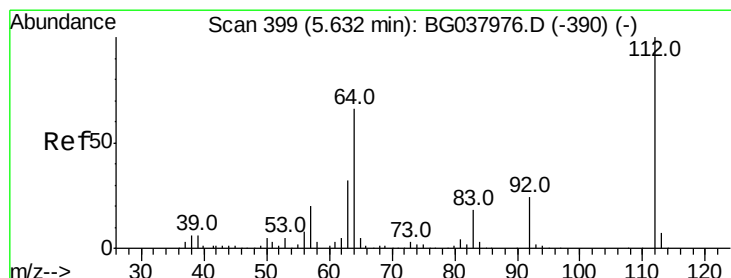
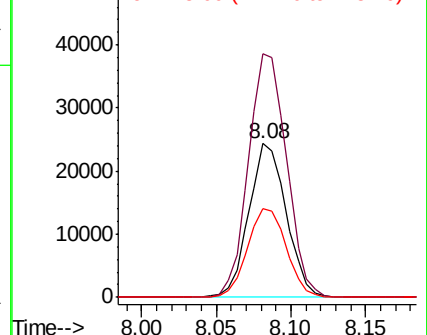
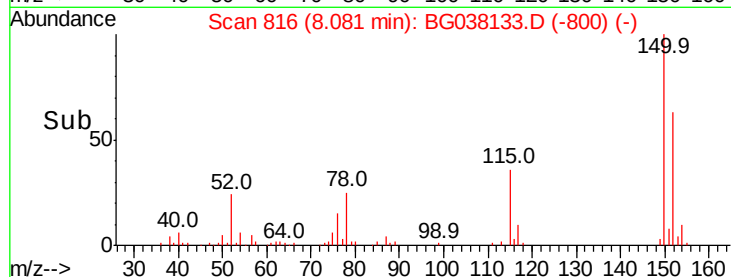


Abundance

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: 109.934 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

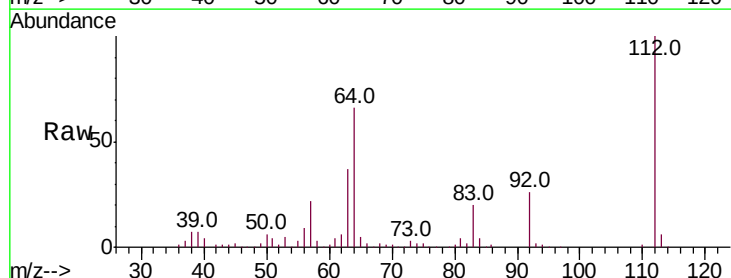
Tgt Ion:112 Resp: 268441

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

63 36.6 27.3 40.9

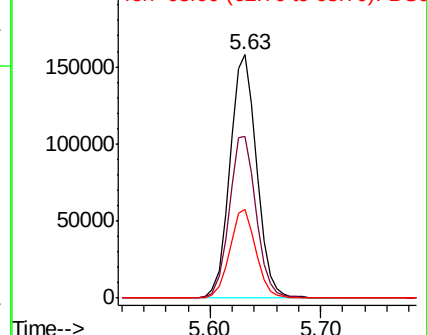
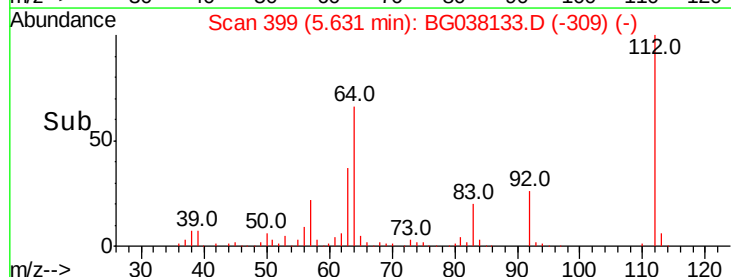


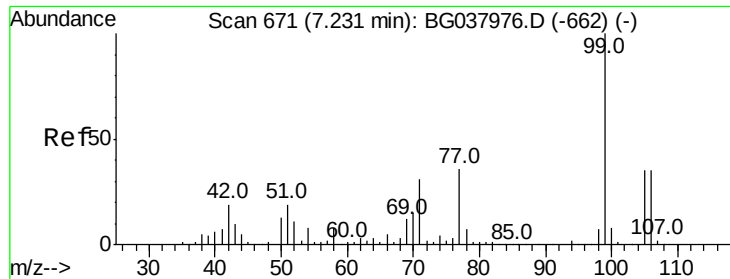
Abundance

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: 96.277 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

Instrument :

BNA_G

ClientSampleId :

PS-SOIL

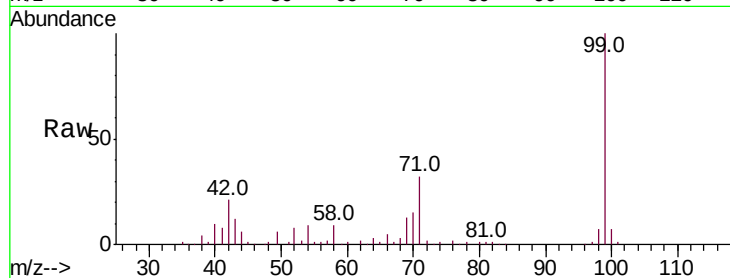
Tot Ion: 99 Resp: 335581

Ion Ratio Lower Upper

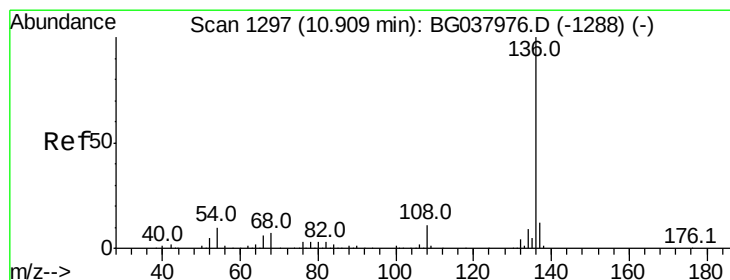
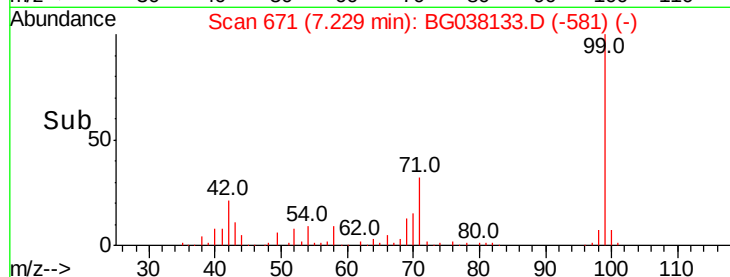
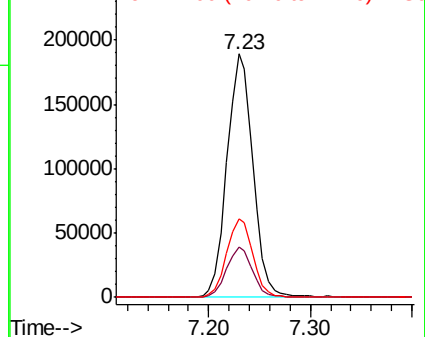
99 100

42 20.7 15.0 22.4

71 32.4 25.5 38.3



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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

Tgt Ion: 136 Resp: 187330

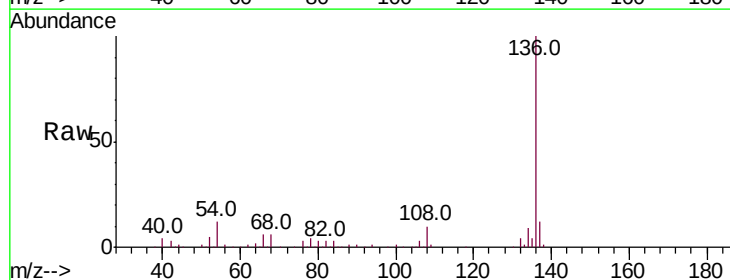
Ion Ratio Lower Upper

136 100

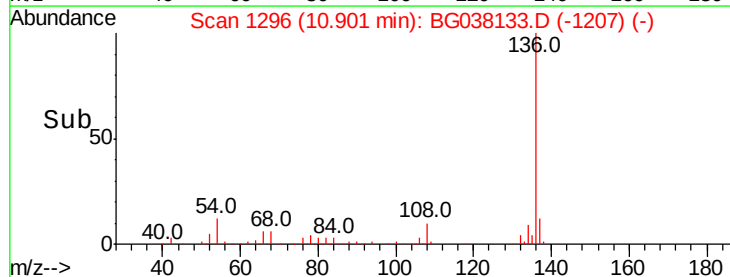
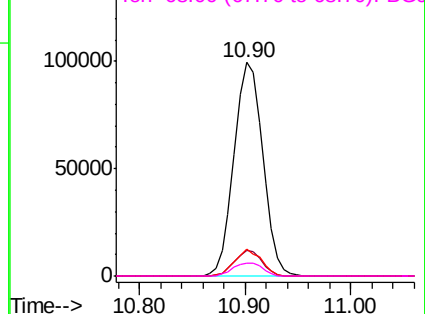
137 11.9 9.6 14.4

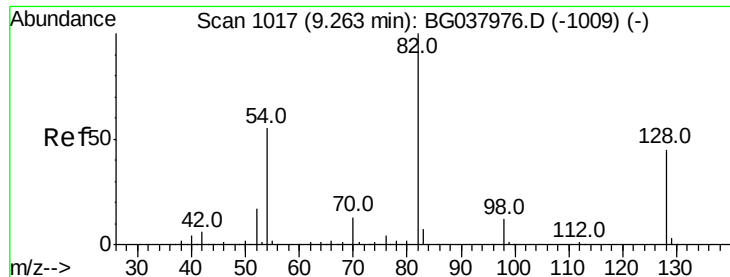
54 12.4 7.9 11.9#

68 6.0 4.8 7.2



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: 78.853 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

Instrument :

BNA_G

ClientSampleId :

PS-SOIL

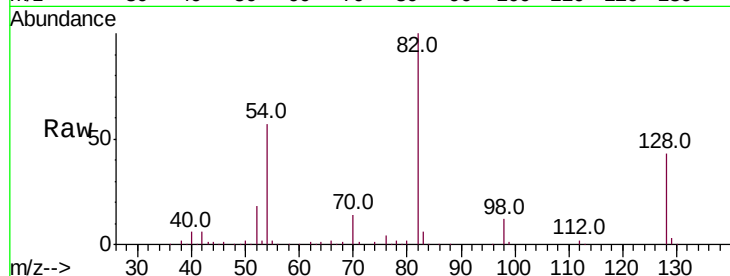
Tot Ion: 82 Resp: 275948

Ion Ratio Lower Upper

82 100

128 43.0 34.6 51.8

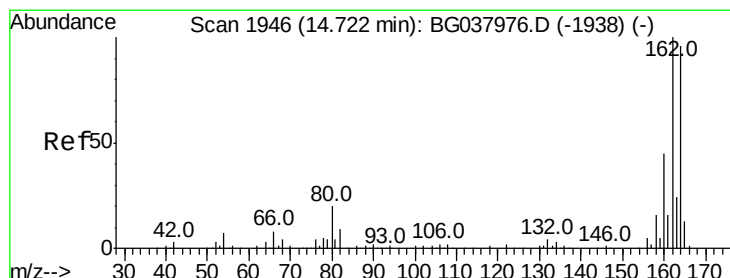
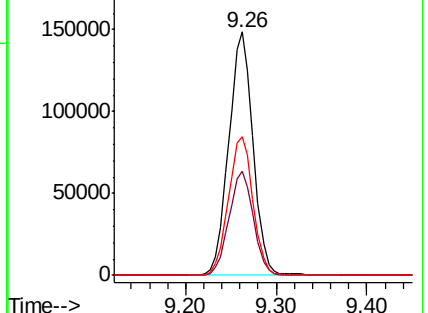
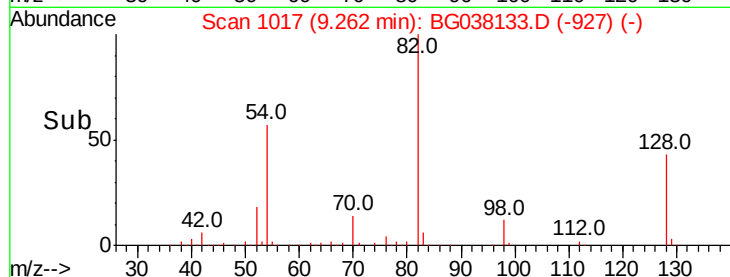
54 56.8 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038133.D

Acq: 22 Nov 2018 1:30

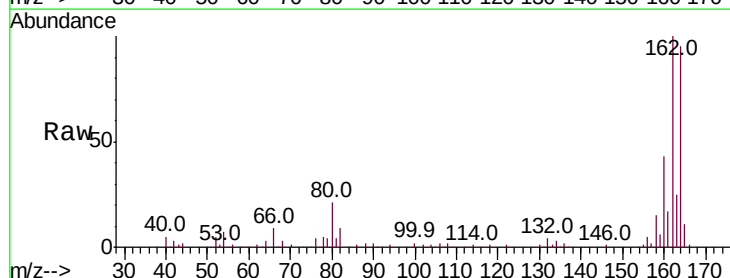
Tgt Ion:164 Resp: 120258

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

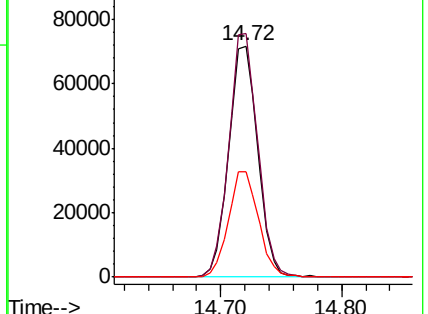
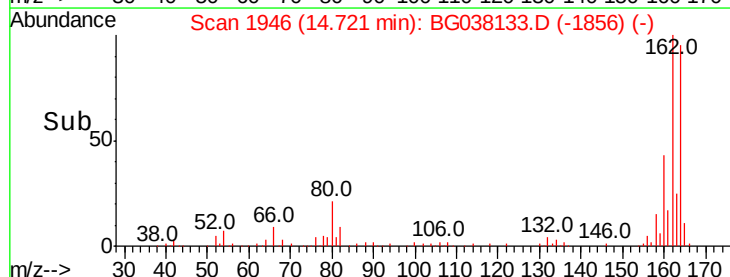
160 45.7 36.3 54.5

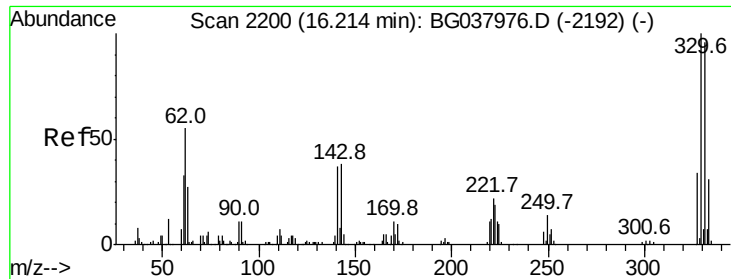


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

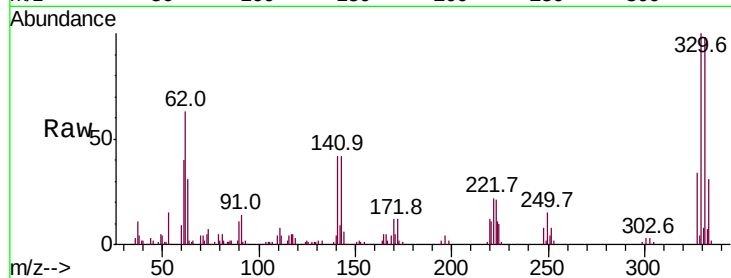




#42
 2,4,6-Tribromophenol
 Concen: 88.972 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038133.D
 Acq: 22 Nov 2018 1:30

Instrument :
 BNA_G
 ClientSampleID :
 PS-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	41.2	32.2	48.2

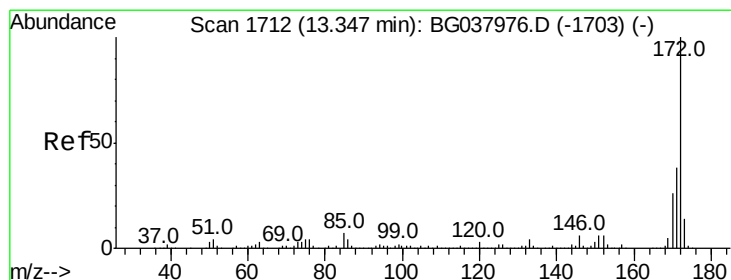
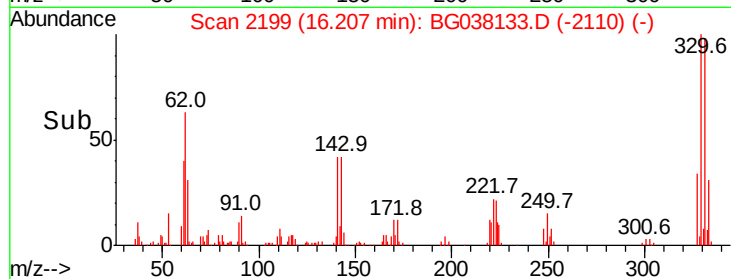
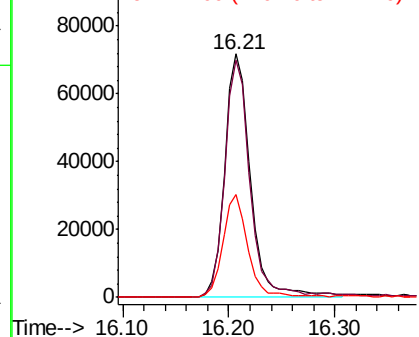


Abundance

Ion 329.80 (329.50 to 330.50): E

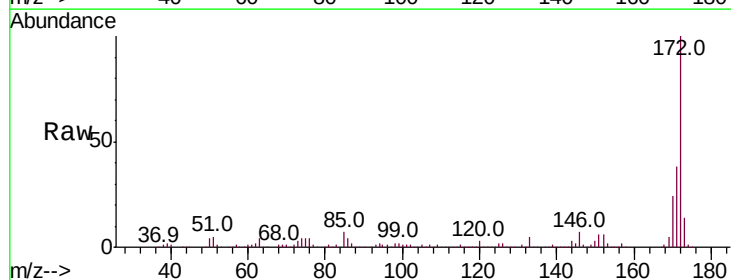
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.761 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038133.D
 Acq: 22 Nov 2018 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	23.8	20.2	30.2

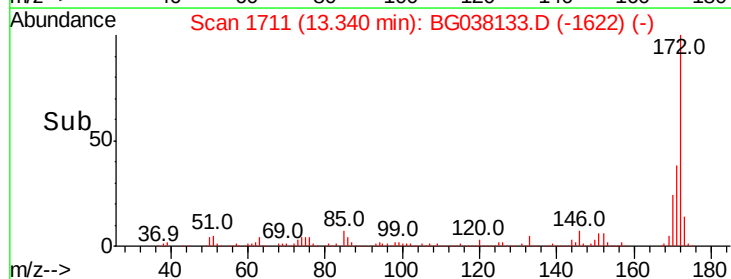
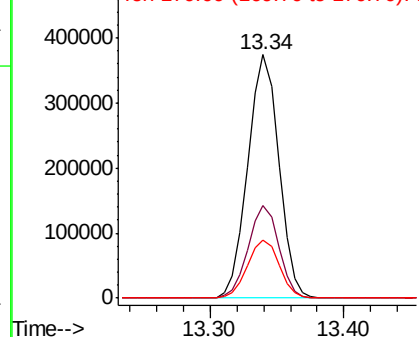


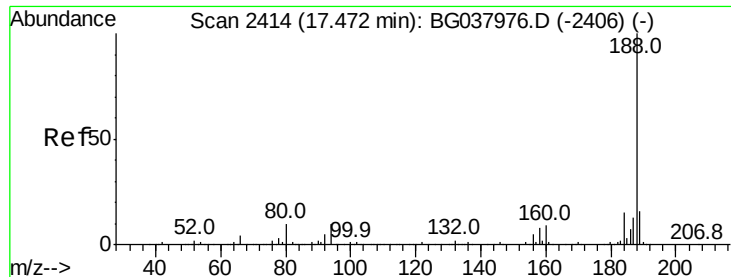
Abundance

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

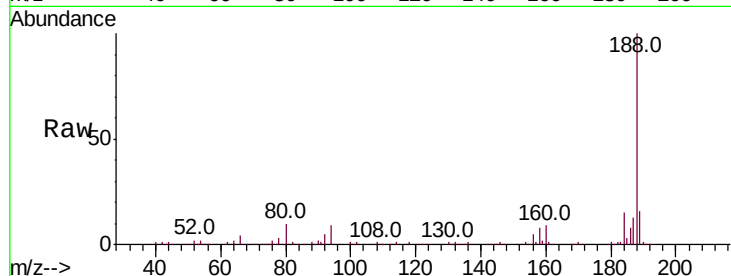




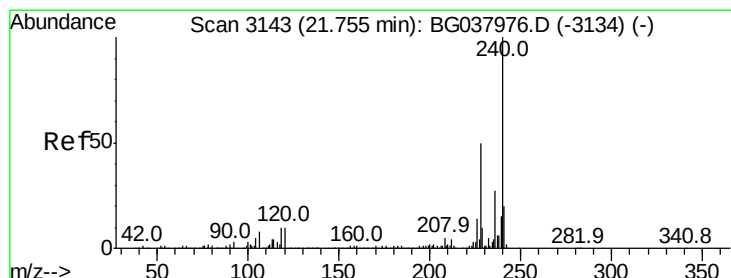
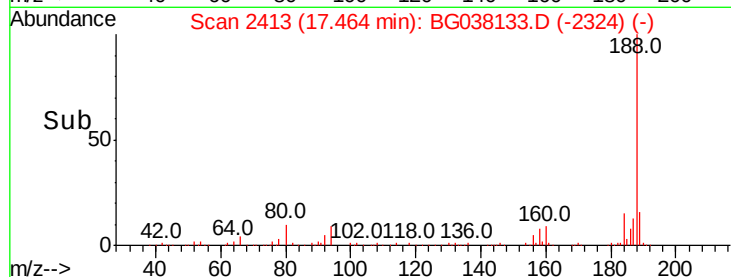
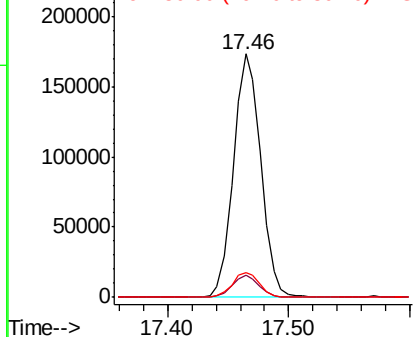
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038133.D
Acq: 22 Nov 2018 1:30

Instrument :
BNA_G
ClientSampleId :
PS-SOIL

Tot Ion:188 Resp: 272768
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.0 7.7 11.5

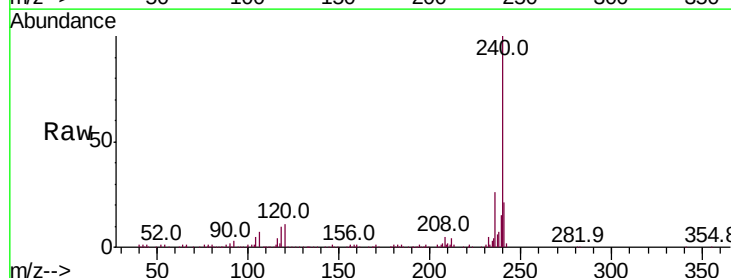


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

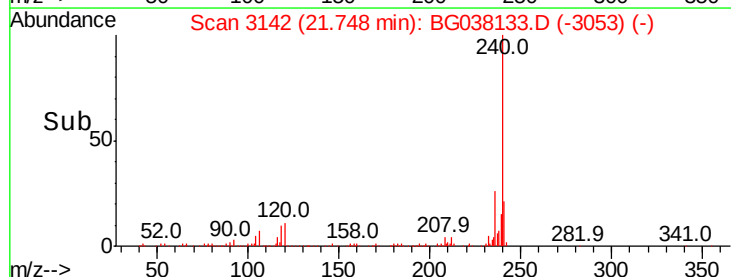
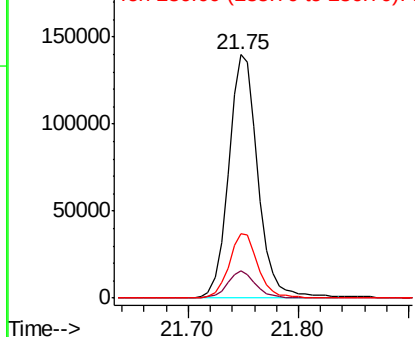


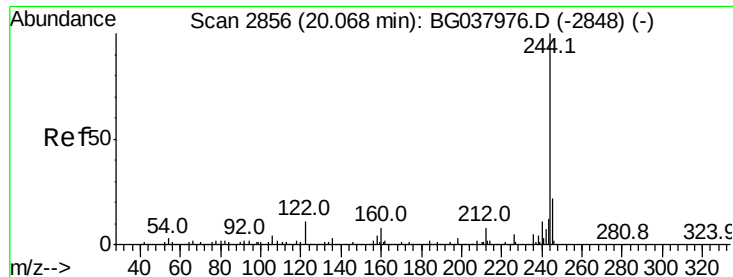
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038133.D
Acq: 22 Nov 2018 1:30

Tgt Ion:240 Resp: 258862
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.4 21.4 32.0



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

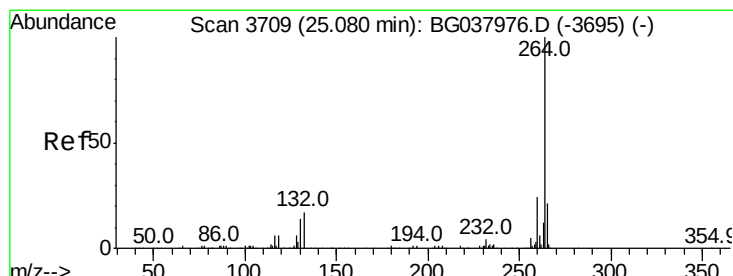
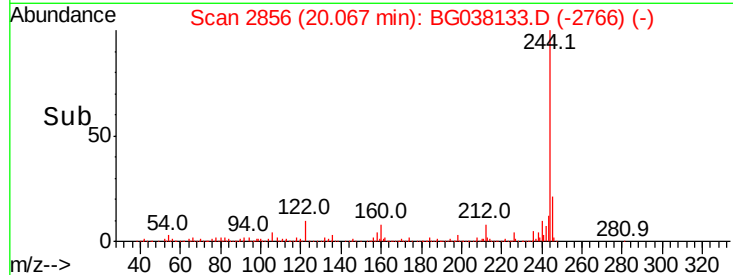
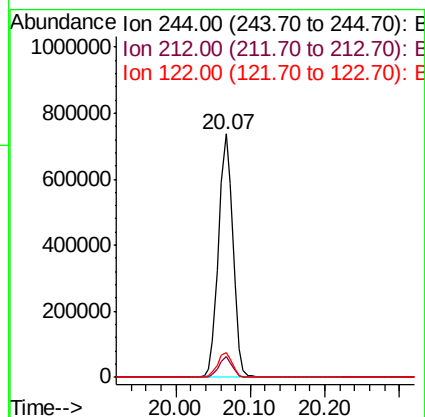
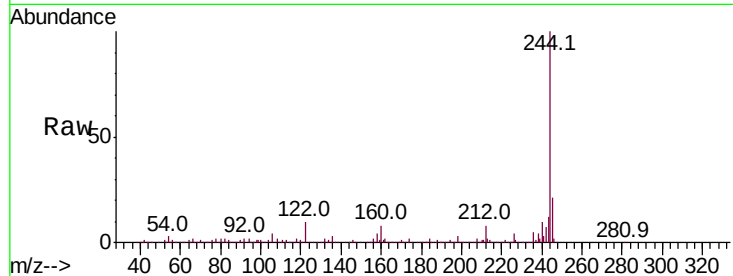




#79
 Terphenyl-d14
 Concen: 89.639 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038133.D
 Acq: 22 Nov 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 PS-SOIL

Tot Ion:244 Resp: 986145
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 10.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038133.D
 Acq: 22 Nov 2018 1:30

Tgt Ion:264 Resp: 229166
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.4
 265 21.3 17.9 26.9

