

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037533.D
 Acq On : 25 Oct 2018 5:55
 Operator : JU/SJ
 Sample : J5639-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

Quant Time: Oct 25 08:30:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61858	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262155	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175820	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413471	20.00	ng	0.00
76) Chrysene-d12	21.77	240	381478	20.00	ng	0.00
87) Perylene-d12	25.10	264	337723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	415834	112.39	ng	0.00
7) Phenol-d6	7.25	99	540038	96.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	391081	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	188248	98.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	923315	79.19	ng	0.00
79) Terphenyl-d14	20.08	244	1390674	77.90	ng	0.00

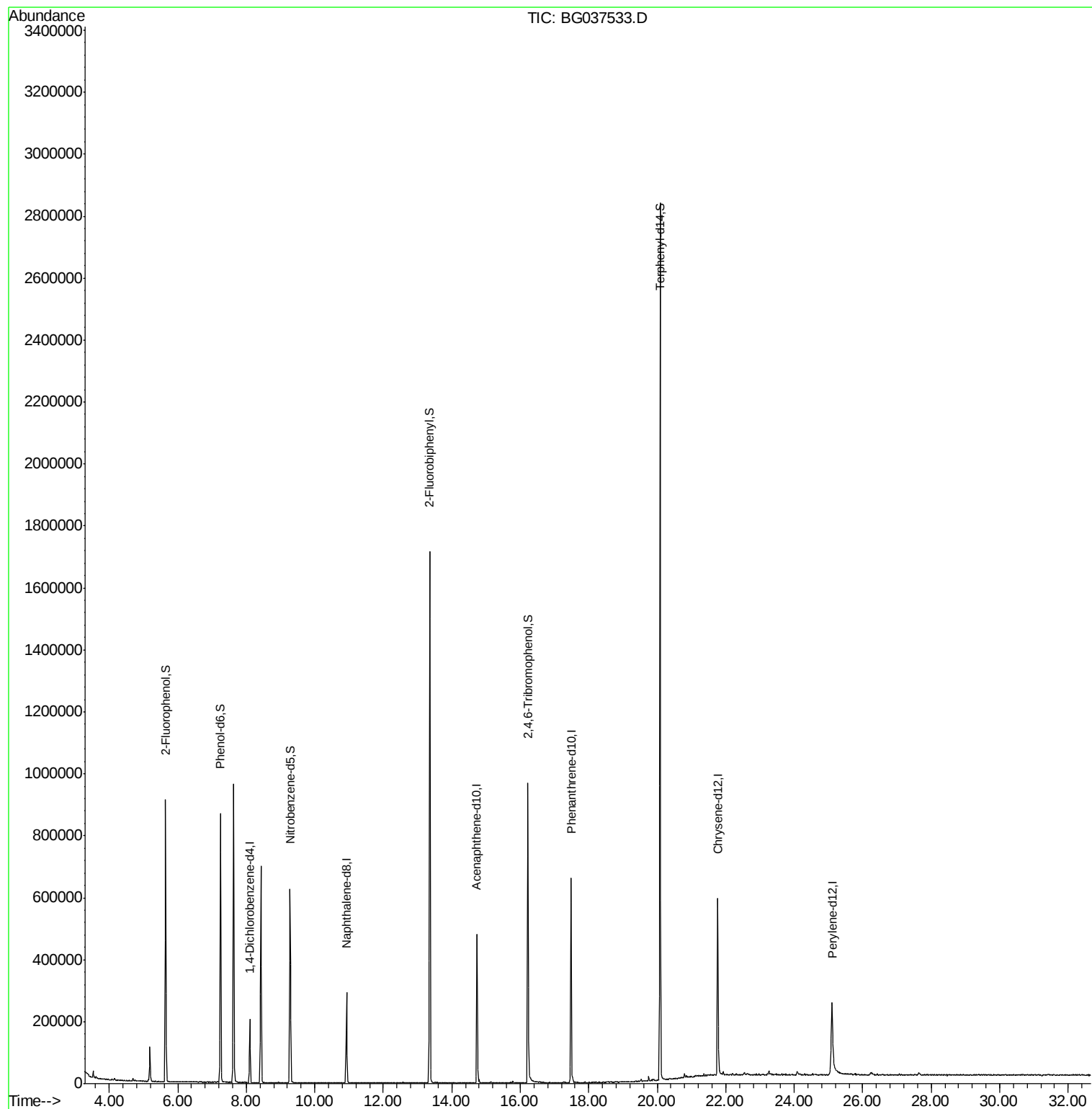
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037533.D
Acq On : 25 Oct 2018 5:55
Operator : JU/SJ
Sample : J5639-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-3

Quant Time: Oct 25 08:30:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

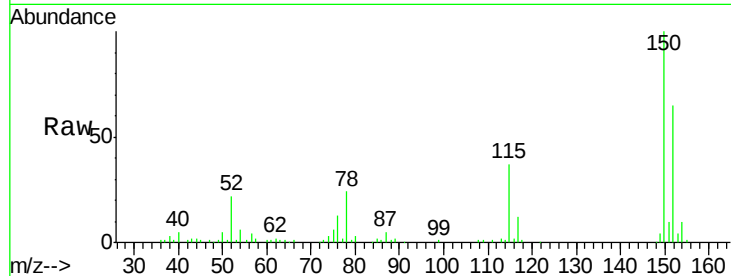




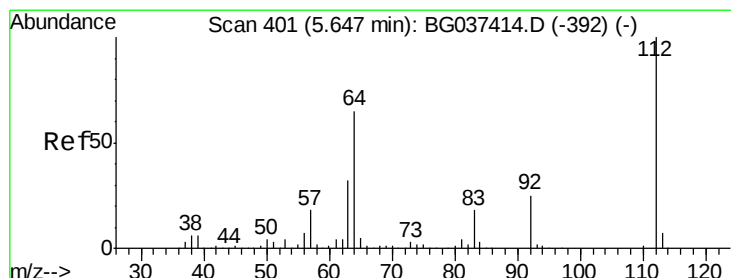
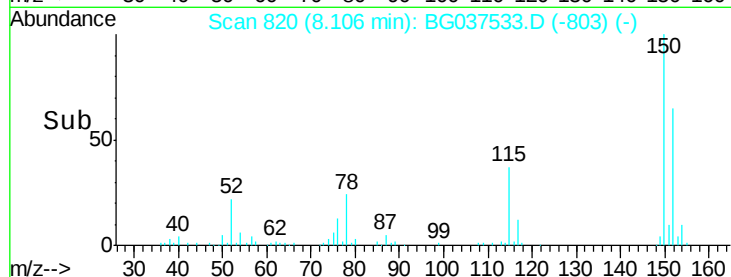
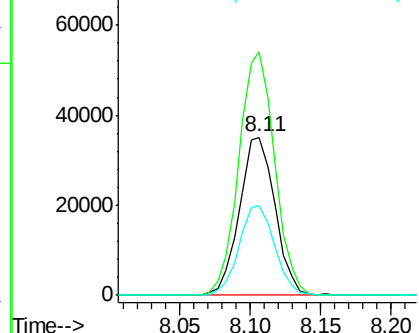
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

Tgt Ion:152 Resp: 61858
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.0 189.0
 115 56.9 45.5 68.3

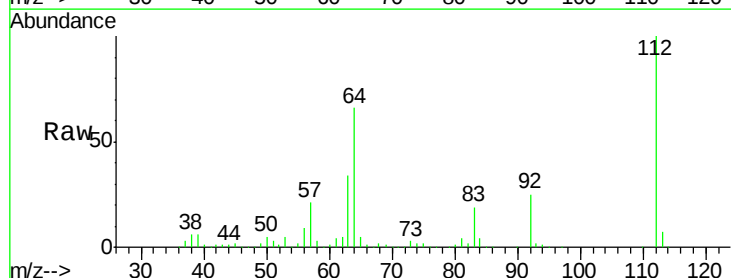


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

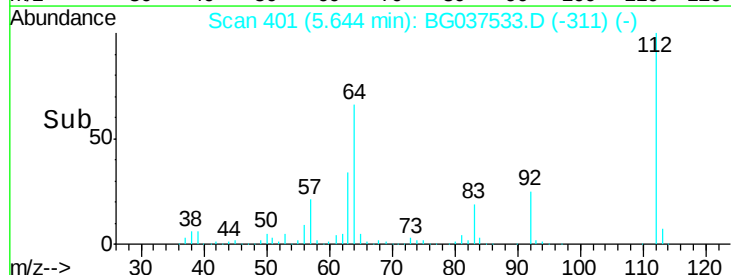
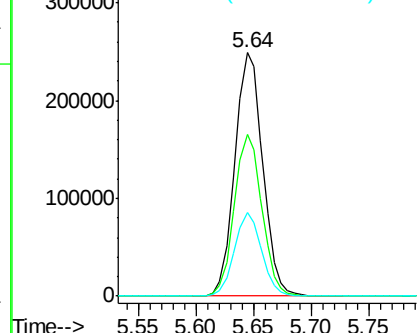


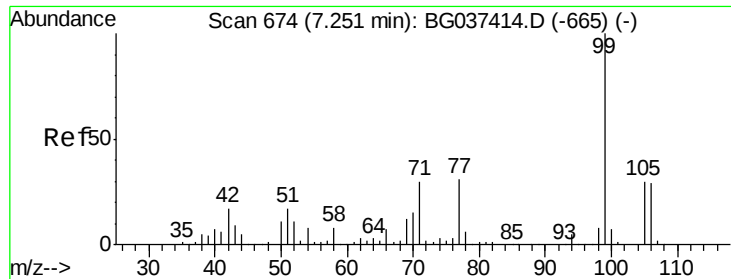
#5
 2-Fluorophenol
 Concen: 112.389 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

Tgt Ion:112 Resp: 415834
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.1 79.7
 63 34.1 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: 96.525 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

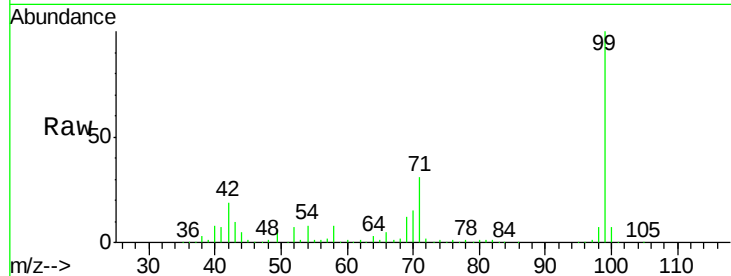
Tgt Ion: 99 Resp: 540038

Ion Ratio Lower Upper

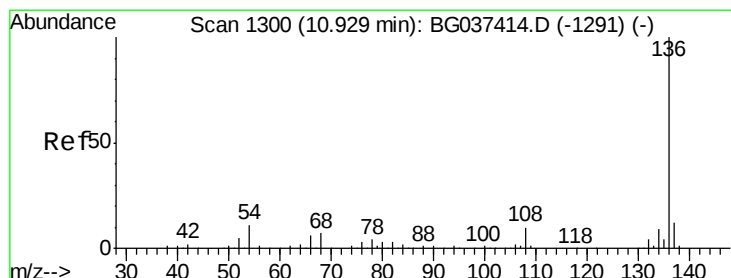
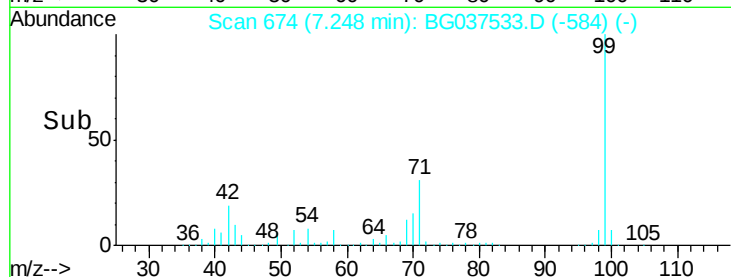
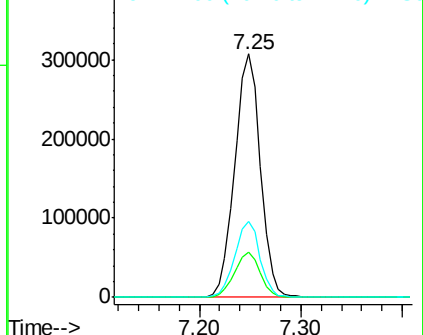
99 100

42 18.8 15.0 22.4

71 31.0 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Tgt Ion: 136 Resp: 262155

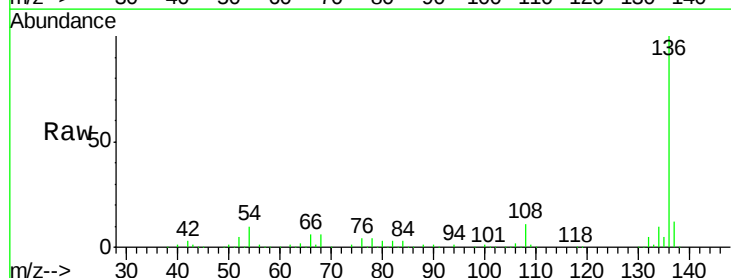
Ion Ratio Lower Upper

136 100

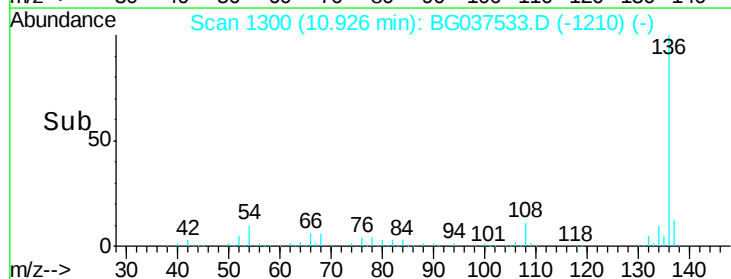
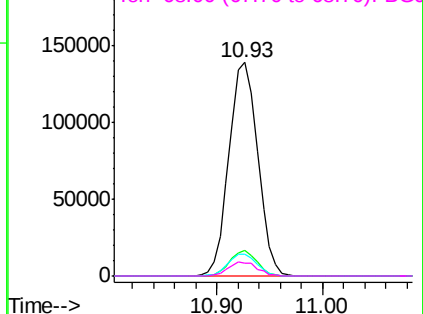
137 12.3 9.6 14.4

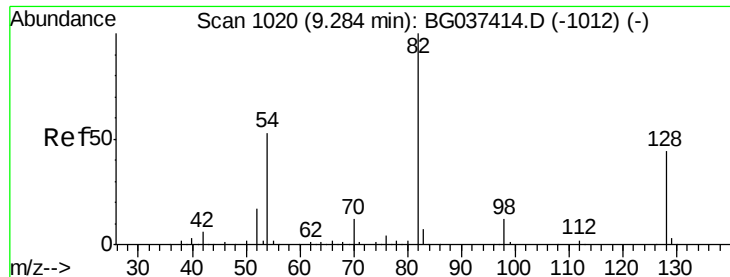
54 10.2 7.9 11.9

68 6.1 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: 83.569 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

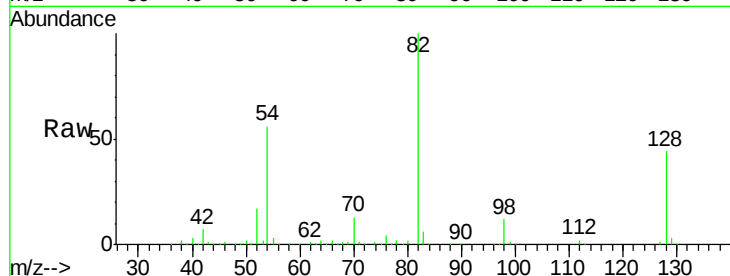
Tgt Ion: 82 Resp: 391081

Ion Ratio Lower Upper

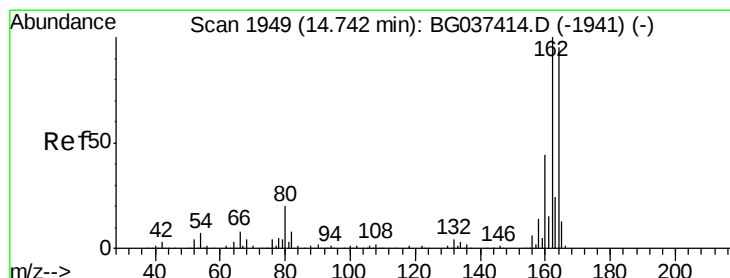
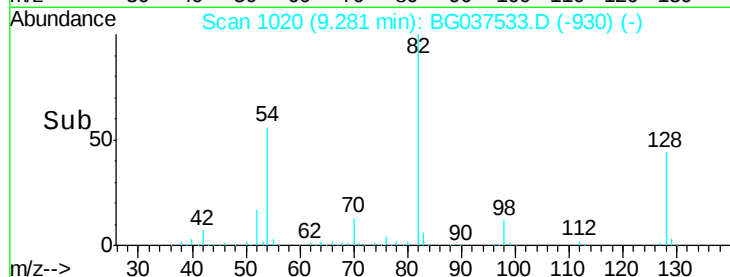
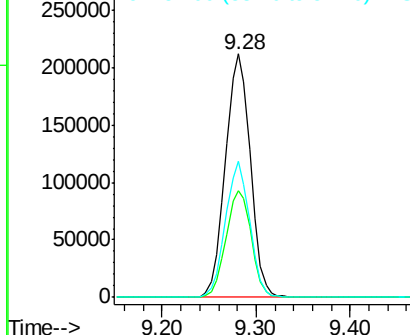
82 100

128 43.9 34.6 51.8

54 56.1 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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

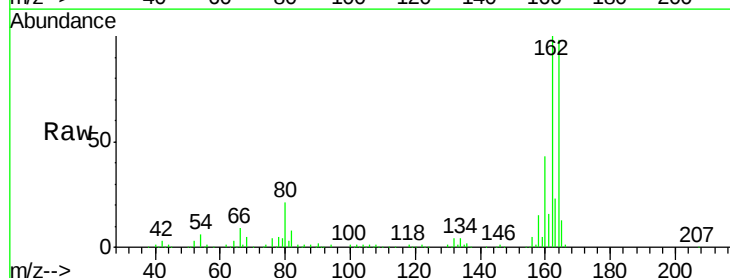
Tgt Ion: 164 Resp: 175820

Ion Ratio Lower Upper

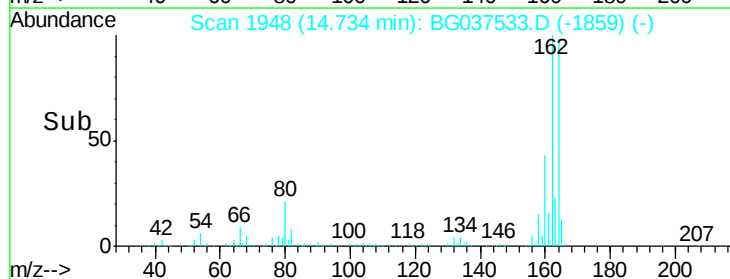
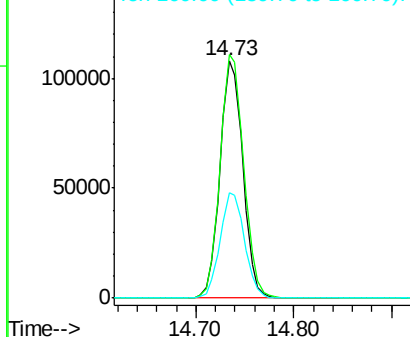
164 100

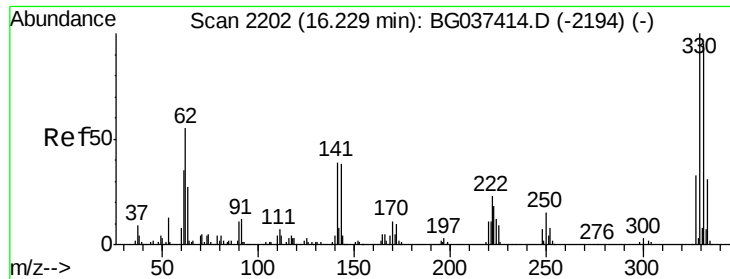
162 102.4 81.3 121.9

160 44.4 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

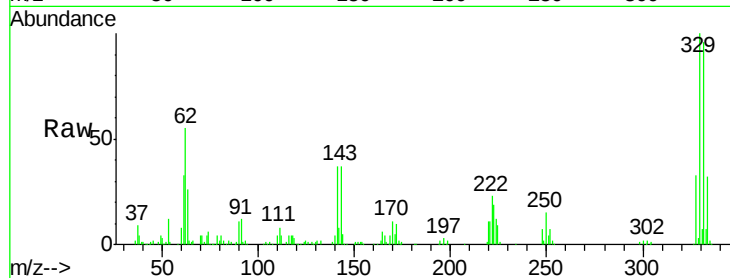




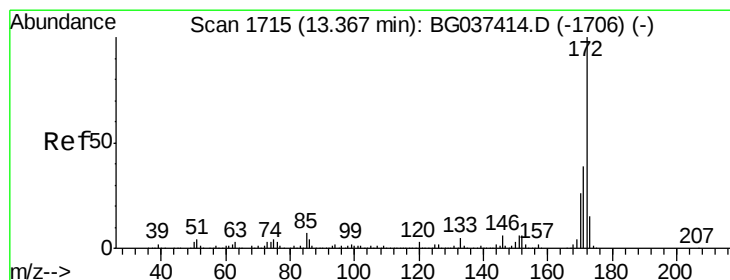
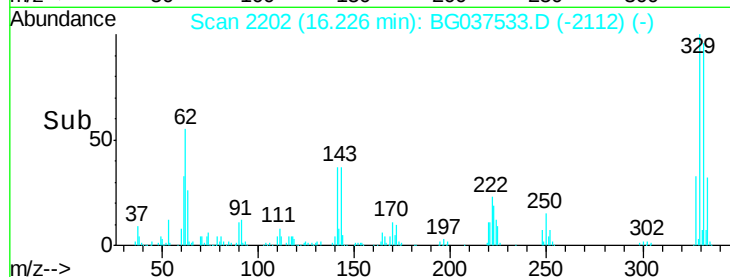
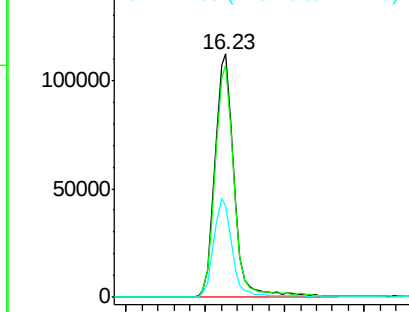
#42
 2,4,6-Tribromophenol
 Concen: 98.166 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

Tgt Ion:330 Resp: 188248
 Ion Ratio Lower Upper
 330 100
 332 93.7 78.4 117.6
 141 39.0 32.2 48.2

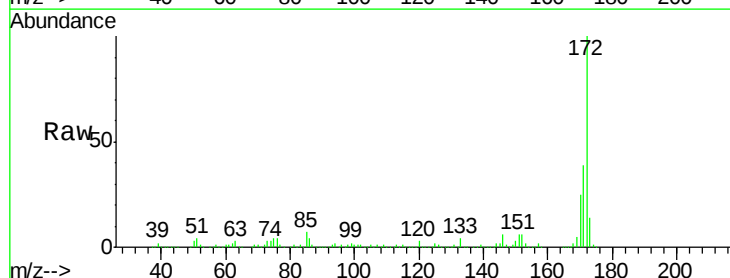


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

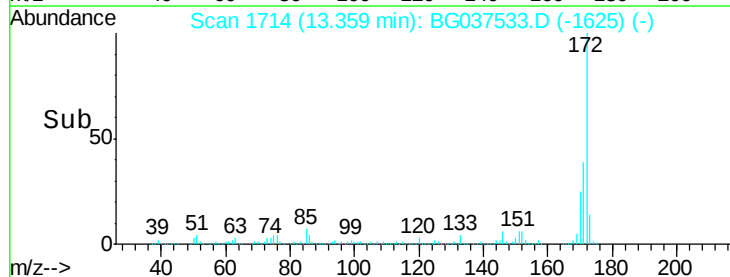
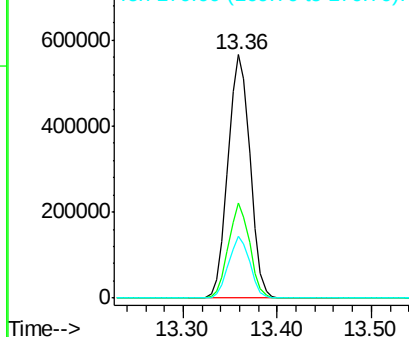


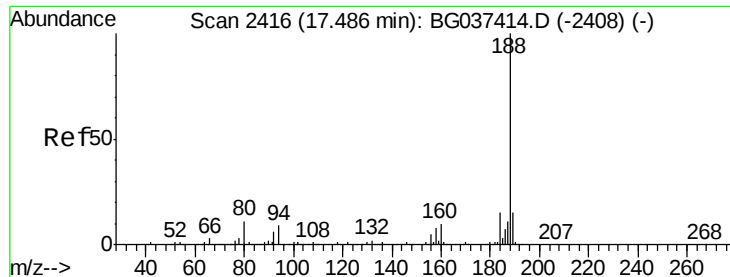
#45
 2-Fluorobiphenyl
 Concen: 79.189 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

Tgt Ion:172 Resp: 923315
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.0 46.4
 170 25.2 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

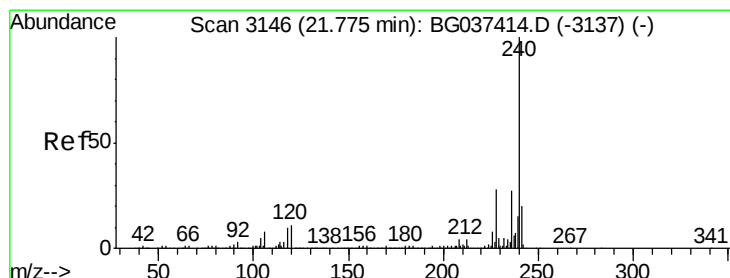
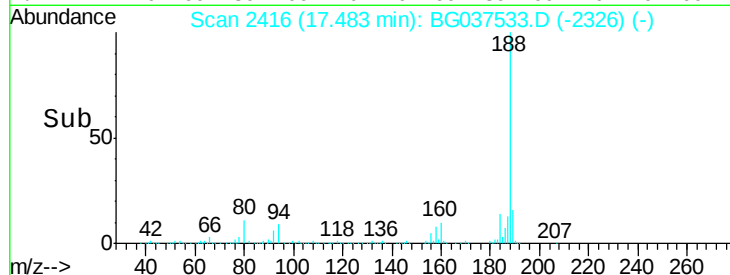
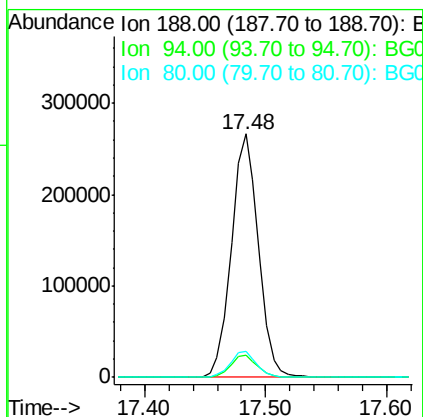
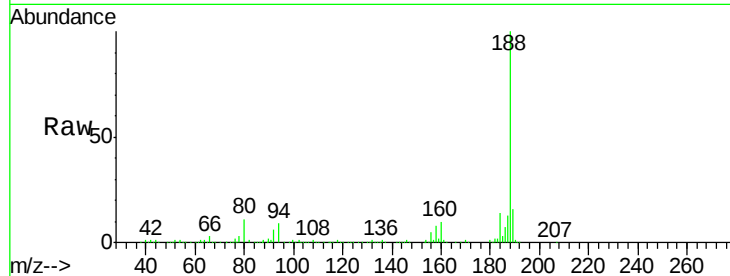




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

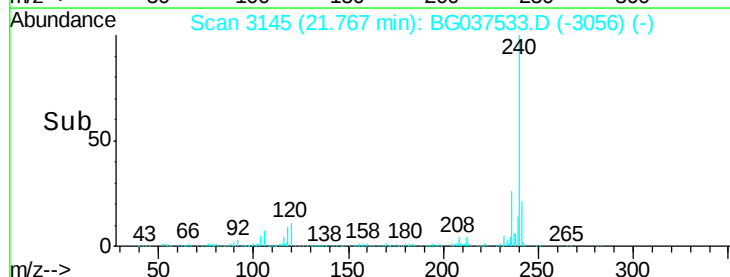
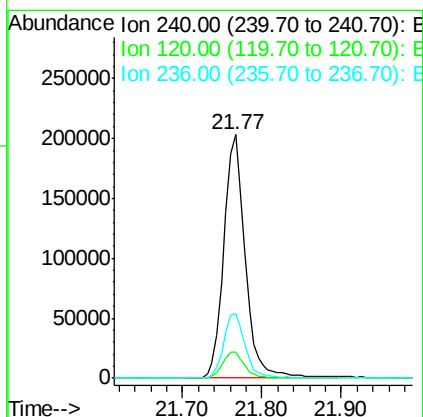
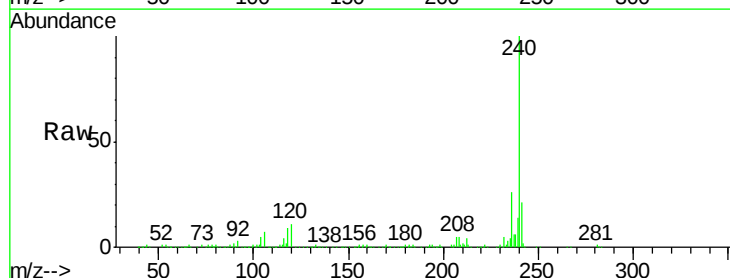
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-3

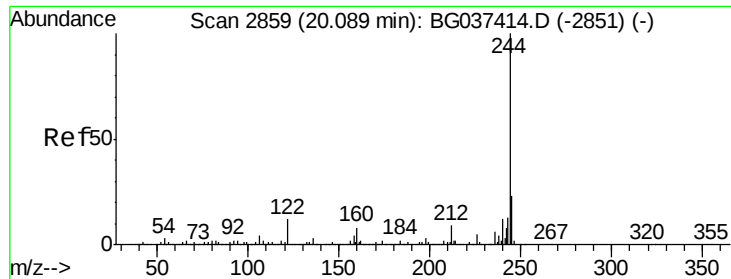
Tgt Ion:188 Resp: 413471
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Tgt Ion:240 Resp: 381478
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 77.896 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

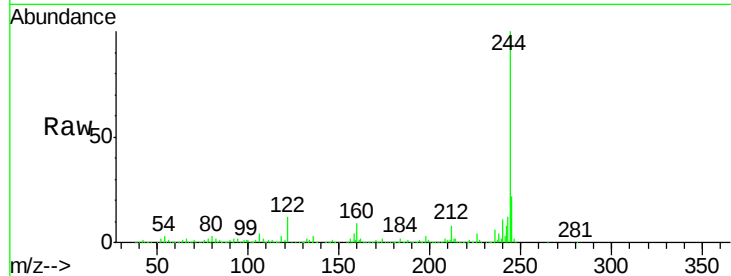
Tgt Ion:244 Resp: 1390674

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

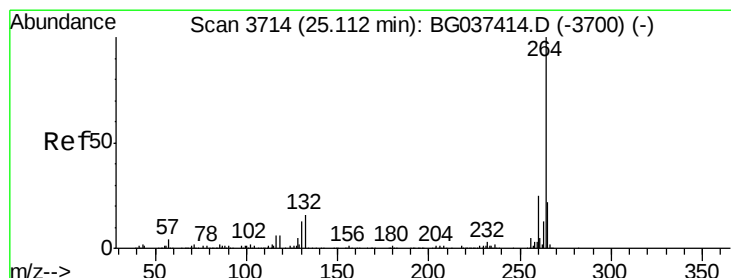
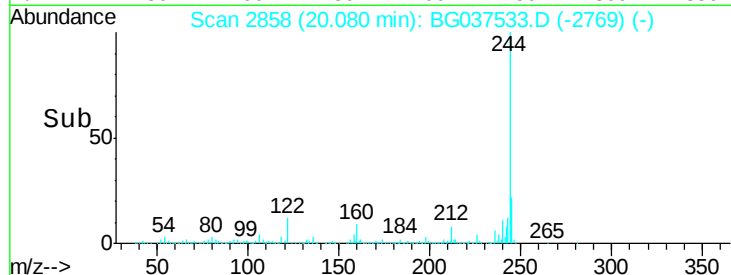
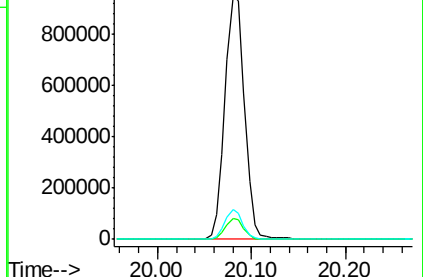
122 12.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

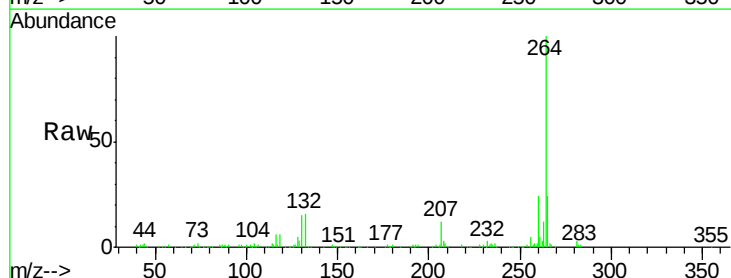
Tgt Ion:264 Resp: 337723

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 24.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

