

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033201.D
 Acq On : 16 Mar 2018 16:07
 Operator : SJ/JU
 Sample : J1926-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-RBR200029

Quant Time: Mar 17 05:31:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

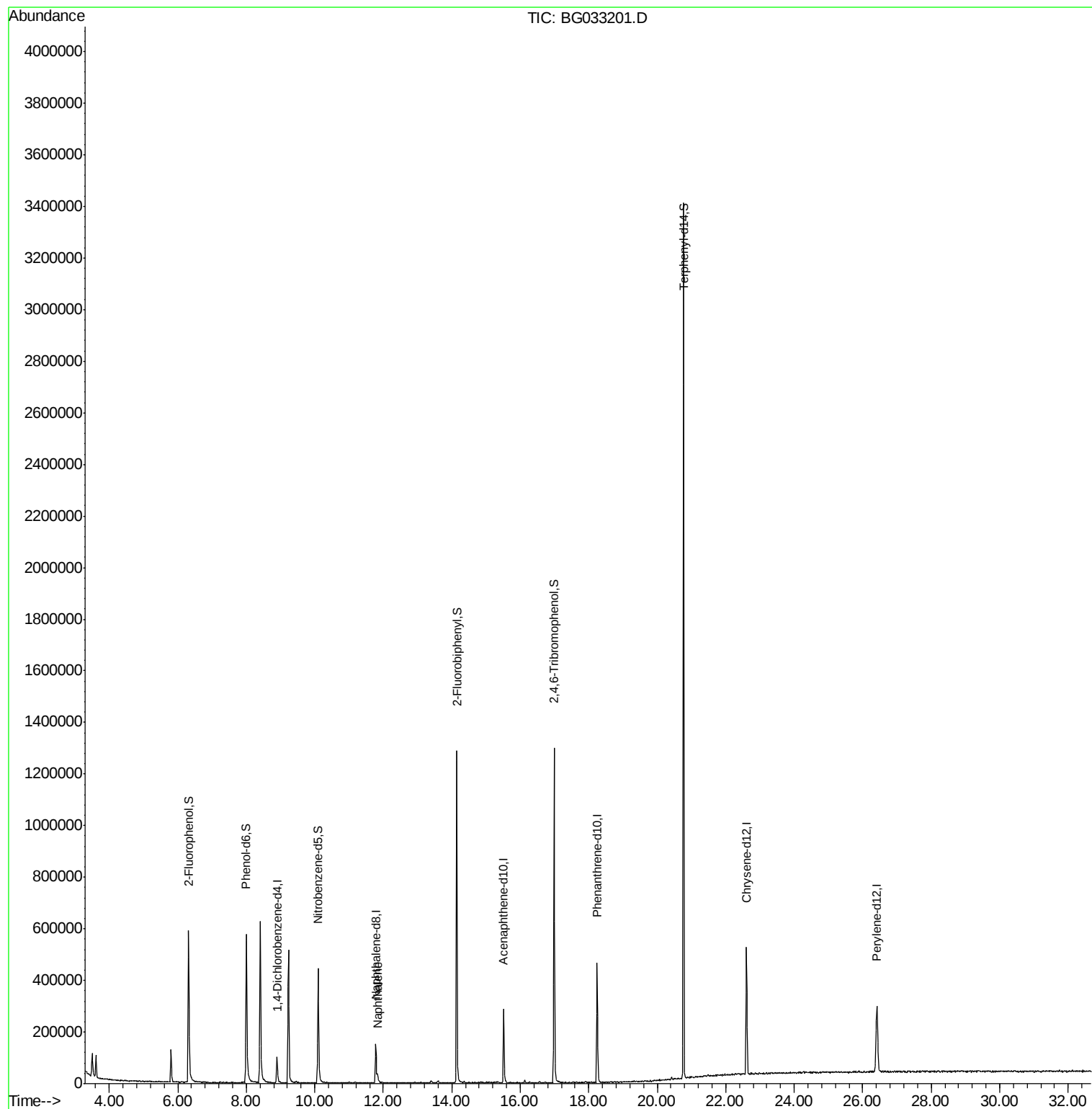
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35195	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	143330	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	108790	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	315135	20.00	ng	0.00
75) Chrysene-d12	22.61	240	341391	20.00	ng	0.00
86) Perylene-d12	26.41	264	362401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	296281	134.68	ng	0.00
7) Phenol-d6	8.00	99	435005	141.86	ng	-0.01
23) Nitrobenzene-d5	10.10	82	332408	152.08	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	260111	227.39	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	731321	96.95	ng	0.00
78) Terphenyl-d14	20.77	244	1623209	106.83	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	31350	4.186	ng	Qvalue # 93

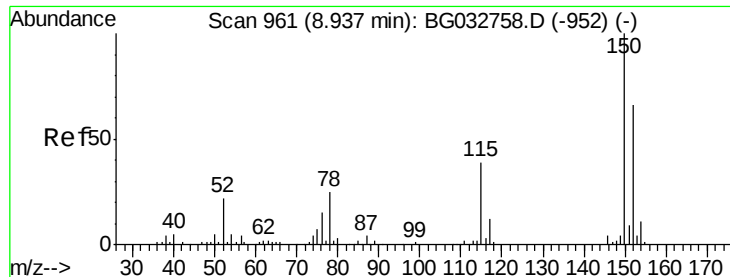
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 05:31:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



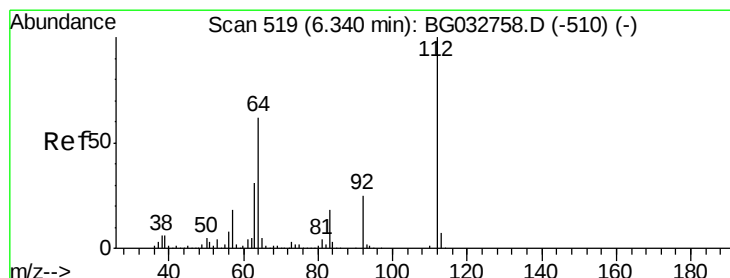
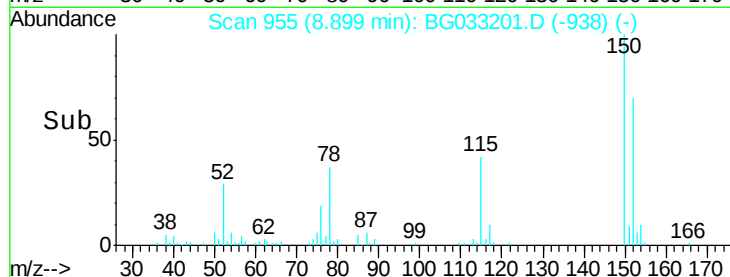
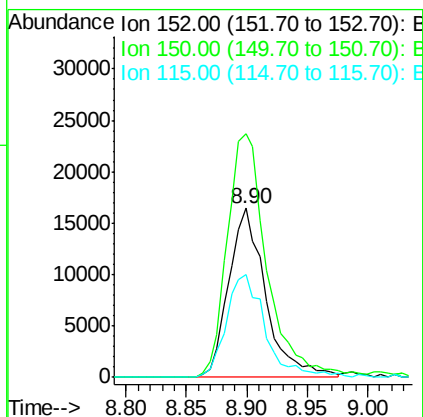
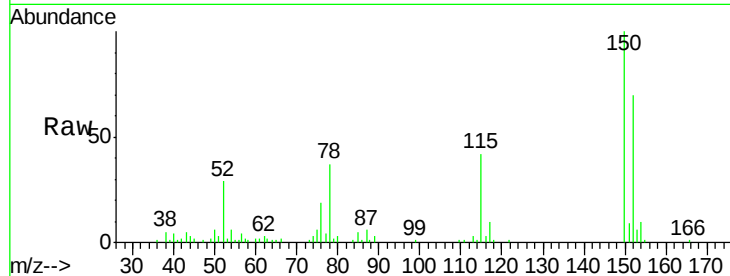


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033201.D
Acq: 16 Mar 2018 16:07

Instrument :
BNA_G
ClientSampleId :
SOIL-RBR200029

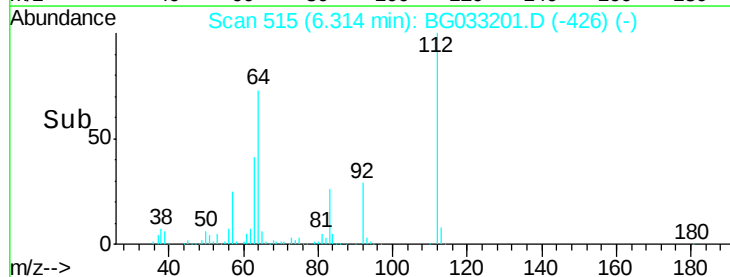
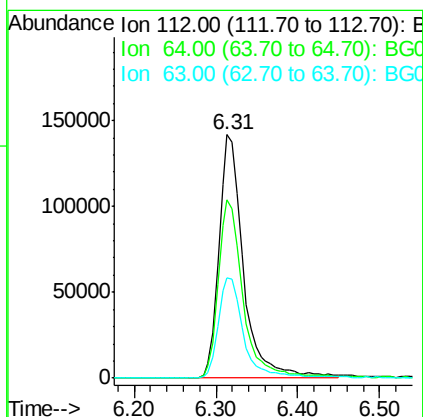
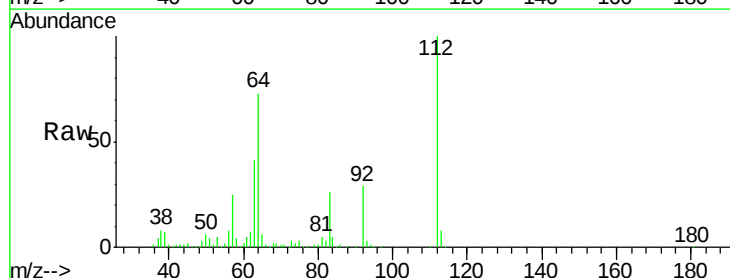
Tot Ion:152 Resp: 35195
Ion Ratio Lower Upper
152 100
150 143.9 126.6 189.8
115 61.0 53.0 79.4



#5

2-Fluorophenol
Concen: 134.680 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033201.D
Acq: 16 Mar 2018 16:07

Tgt Ion:112 Resp: 296281
Ion Ratio Lower Upper
112 100
64 73.0 56.3 84.5
63 41.4 30.1 45.1





#7

Phenol-d6

Concen: 141.865 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Instrument :

BNA_G

ClientSampleId :

SOIL-RBR200029

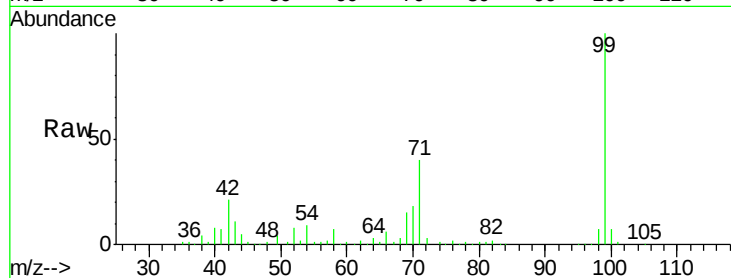
Tot Ion: 99 Resp: 435005

Ion Ratio Lower Upper

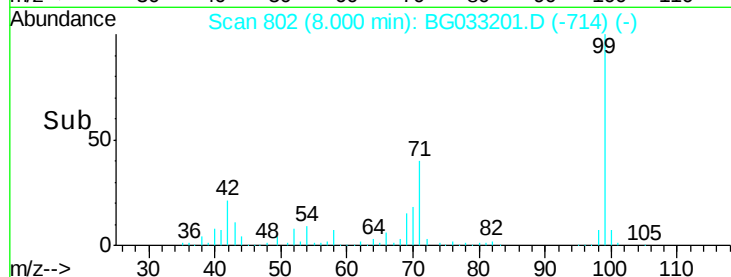
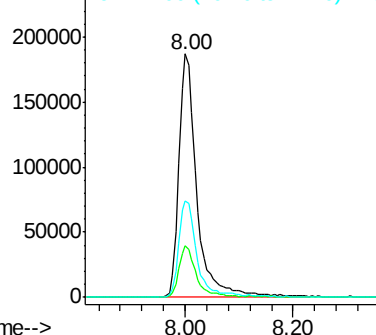
99 100

42 21.2 14.1 21.1#

71 39.8 26.1 39.1#



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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Tgt Ion: 136 Resp: 143330

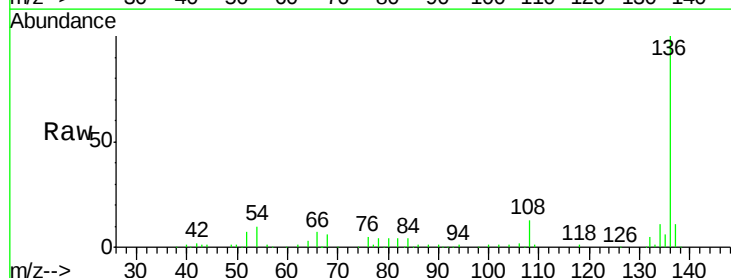
Ion Ratio Lower Upper

136 100

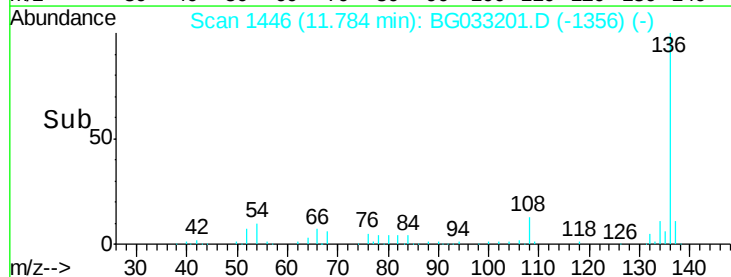
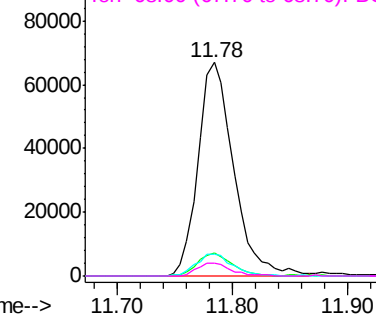
137 10.7 9.2 13.8

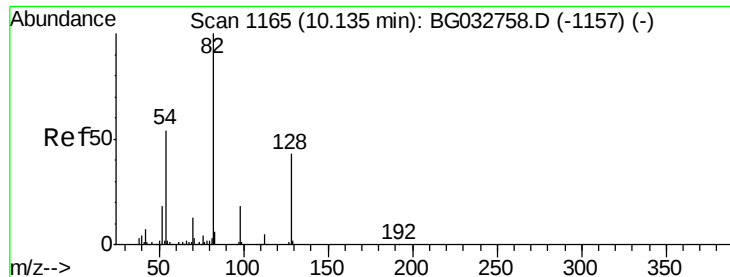
54 10.1 10.3 15.5#

68 6.3 4.5 6.7



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: 152.084 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Instrument :

BNA_G

ClientSampleId :

SOIL-RBR200029

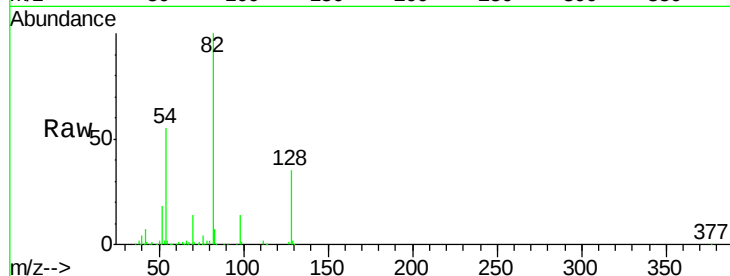
Tot Ion: 82 Resp: 332408

Ion Ratio Lower Upper

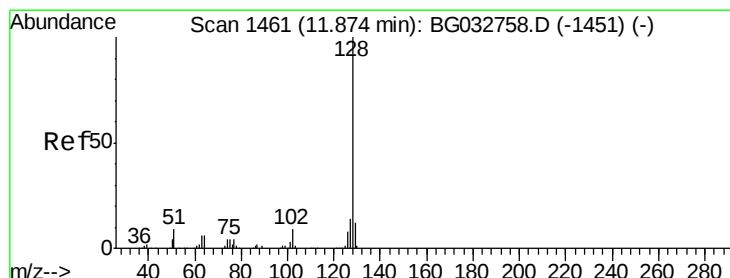
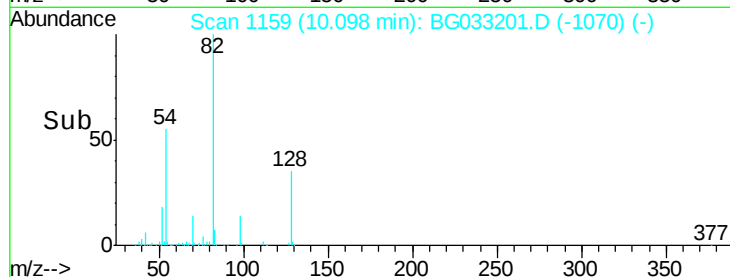
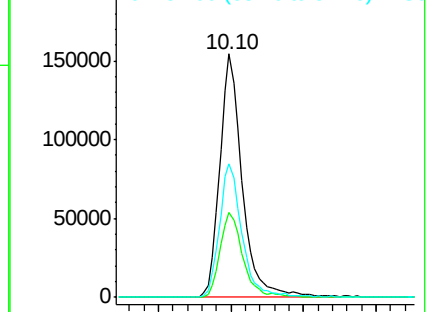
82 100

128 34.6 29.7 44.5

54 54.8 43.1 64.7



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



#31

Naphthalene

Concen: 4.186 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

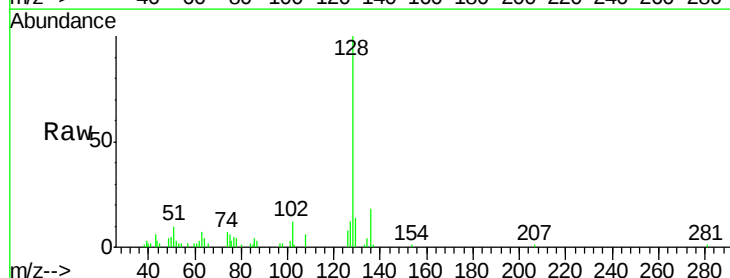
Tgt Ion: 128 Resp: 31350

Ion Ratio Lower Upper

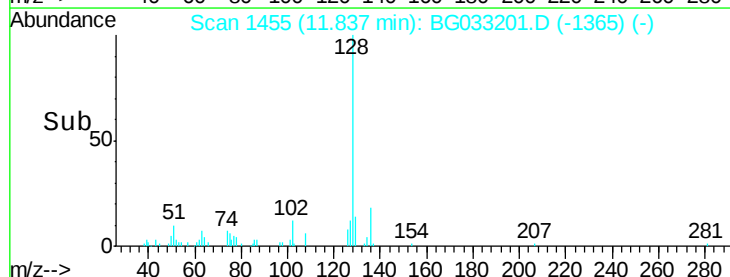
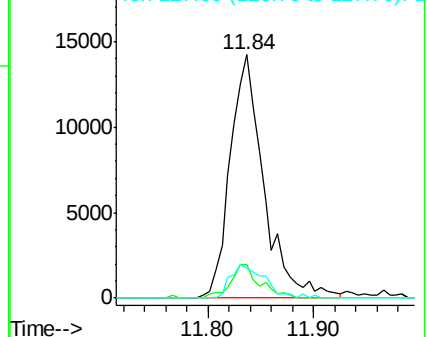
128 100

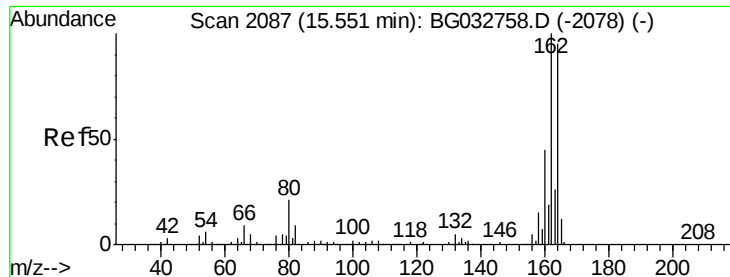
129 13.7 8.6 12.8#

127 12.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Instrument :

BNA_G

ClientSampleId :

SOIL-RBR200029

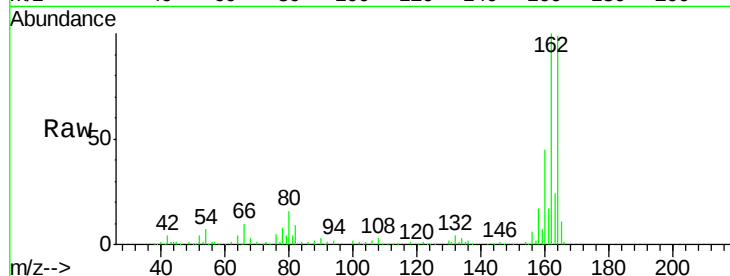
Tot Ion:164 Resp: 108790

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

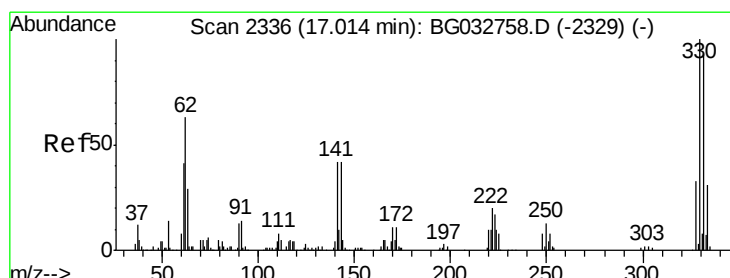
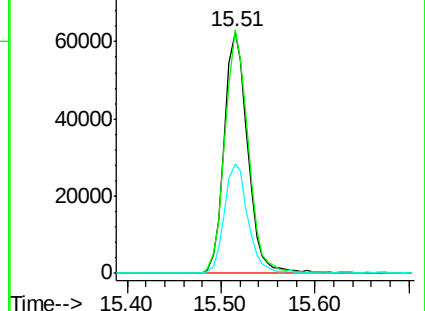
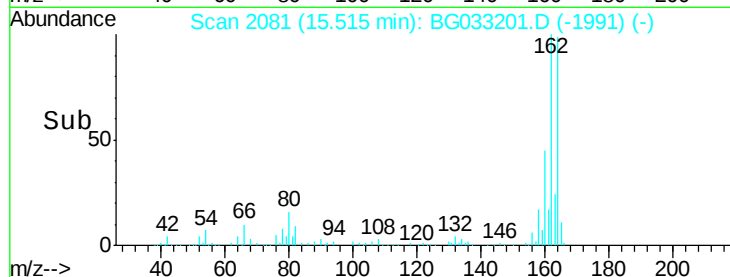
160 45.2 35.4 53.0



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: 227.392 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

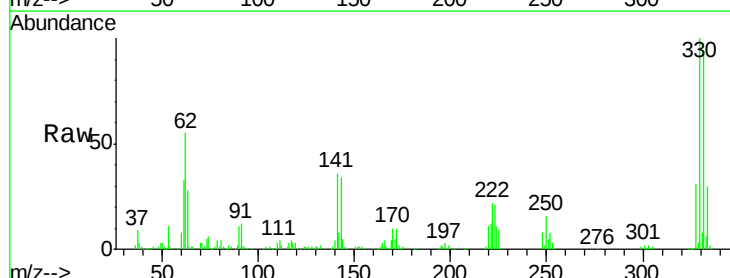
Tgt Ion:330 Resp: 260111

Ion Ratio Lower Upper

330 100

332 93.5 77.0 115.6

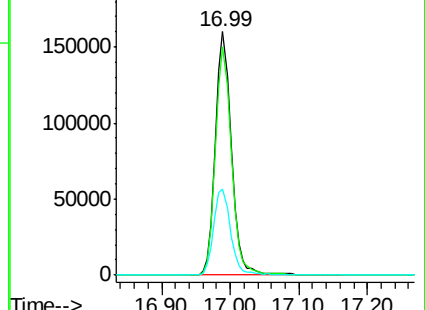
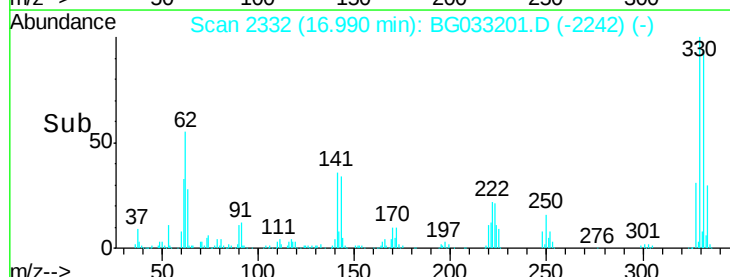
141 37.5 25.2 37.8

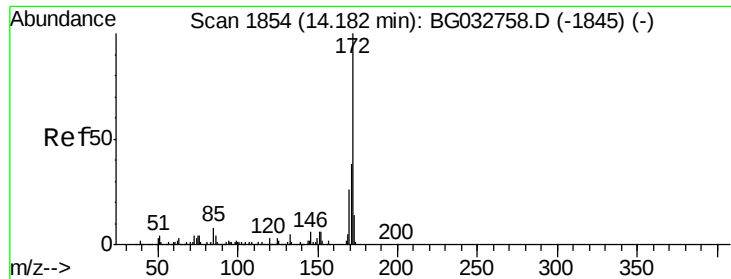


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

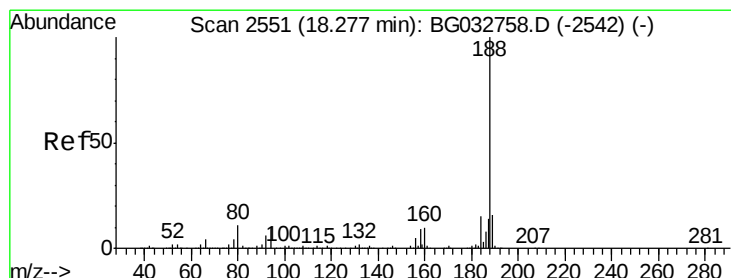
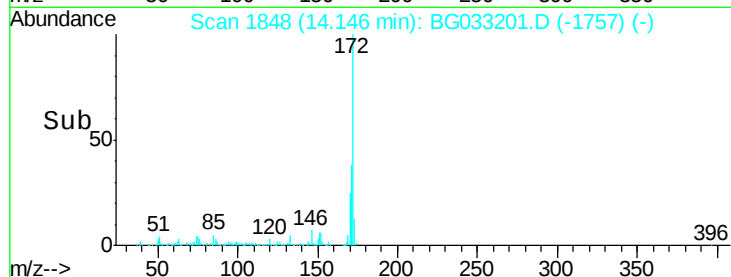
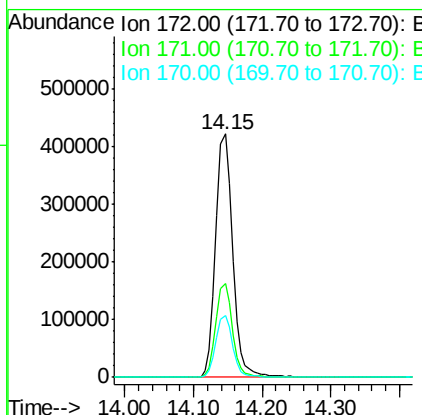
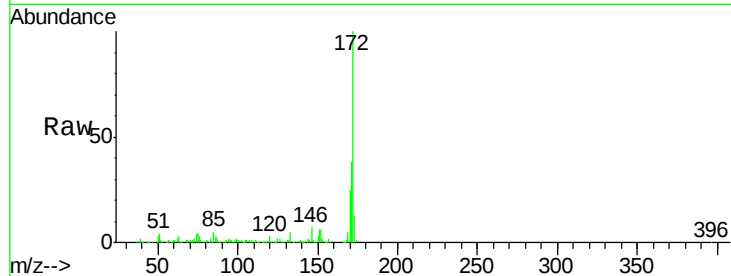




#44
 2-Fluorobiphenyl
 Concen: 96.953 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033201.D
 Acq: 16 Mar 2018 16:07

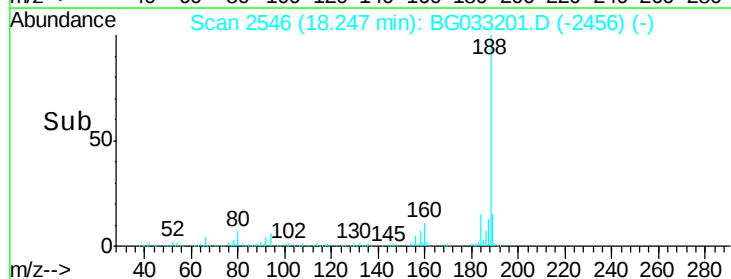
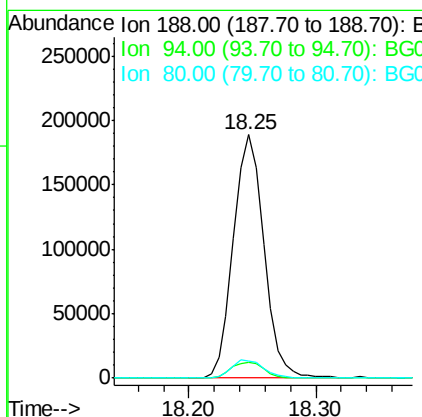
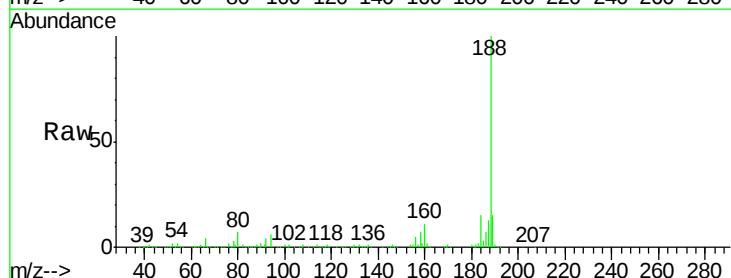
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-RBR200029

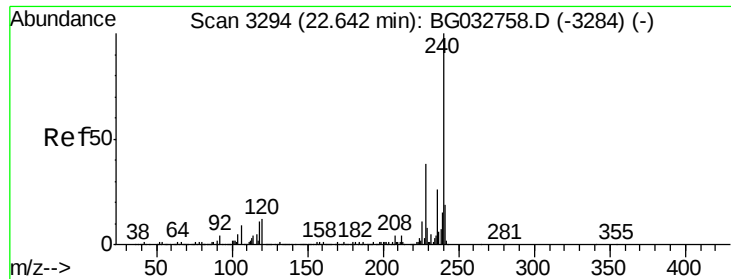
Tot Ion:172 Resp: 731321
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033201.D
 Acq: 16 Mar 2018 16:07

Tgt Ion:188 Resp: 315135
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 6.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Instrument :

BNA_G

ClientSampleId :

SOIL-RBR200029

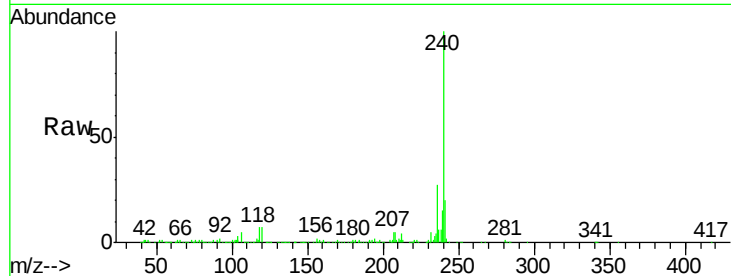
Tot Ion:240 Resp: 341391

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

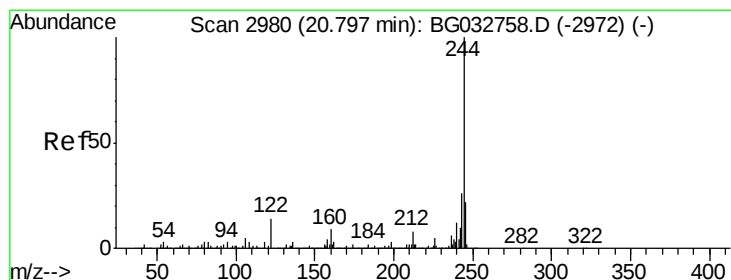
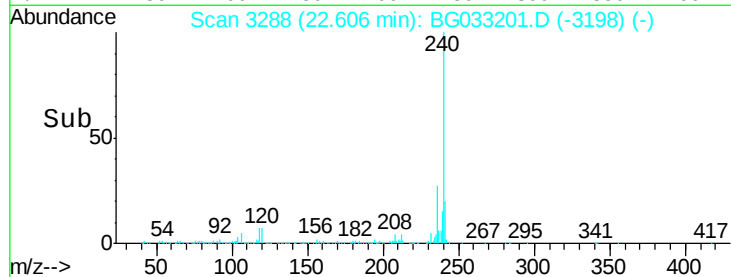
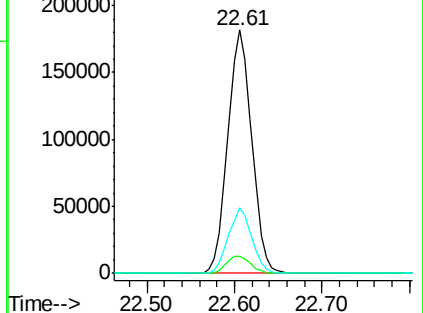
236 26.9 20.9 31.3



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: 106.825 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

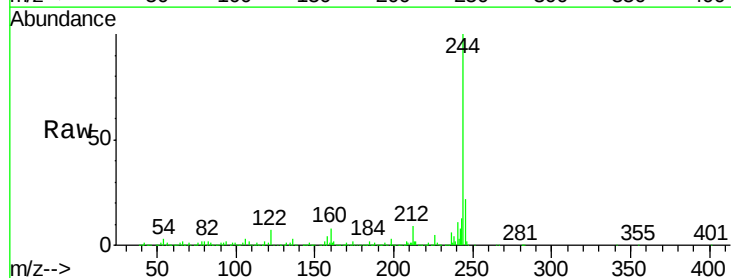
Tgt Ion:244 Resp: 1623209

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

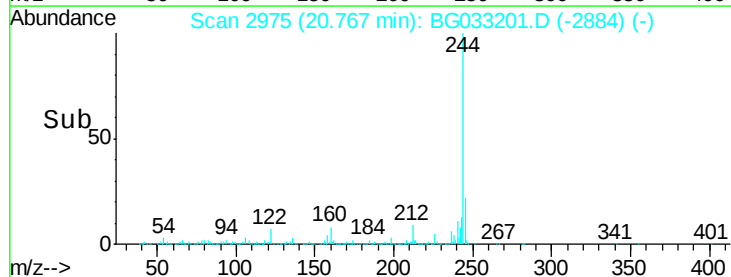
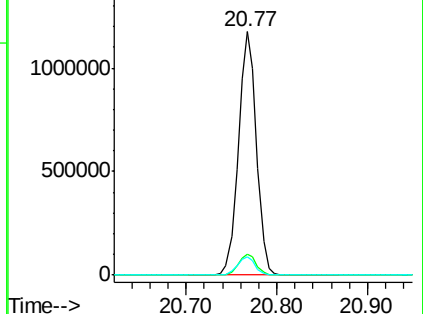
122 7.5 7.0 10.4

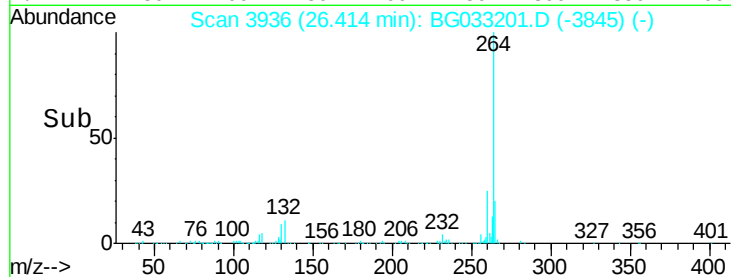
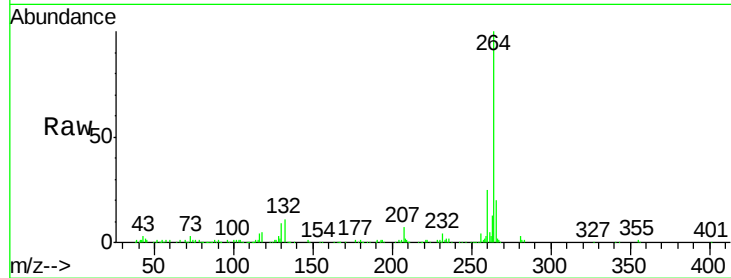
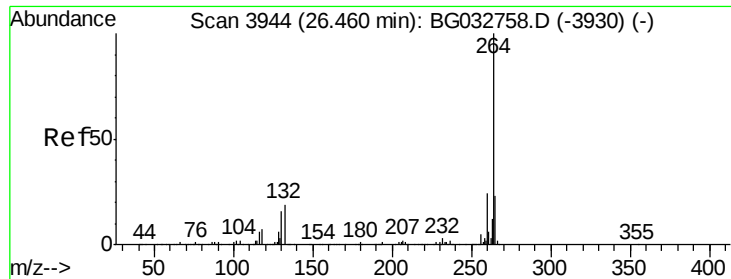


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033201.D

Acq: 16 Mar 2018 16:07

Instrument :

BNA_G

ClientSampleId :

SOIL-RBR200029

Tot Ion:264 Resp: 362401

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 20.0 17.7 26.5

