

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033464.D
 Acq On : 31 Mar 2018 1:09
 Operator : SJ/JU
 Sample : J2103-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

Quant Time: Mar 31 02:50:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

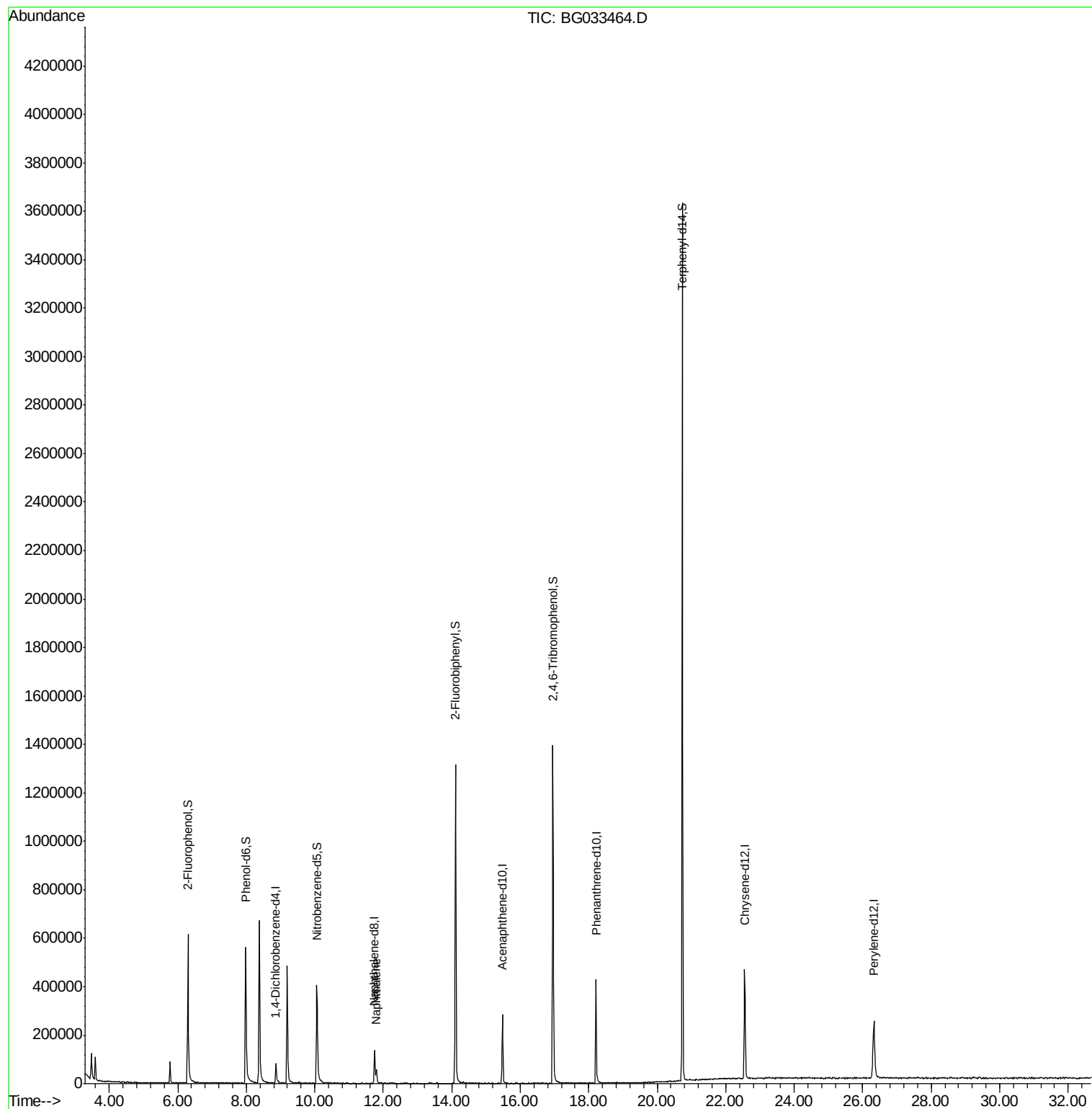
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30260	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	133550	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104704	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	304893	20.00	ng	0.00
75) Chrysene-d12	22.55	240	331431	20.00	ng	0.00
86) Perylene-d12	26.33	264	347001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	297243	184.19	ng	0.00
7) Phenol-d6	7.98	99	405386	146.20	ng	0.00
23) Nitrobenzene-d5	10.06	82	332122	114.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	287732	183.74	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	776517	107.06	ng	0.00
78) Terphenyl-d14	20.73	244	1710108	110.35	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	51908	7.501	ng	Qvalue # 93

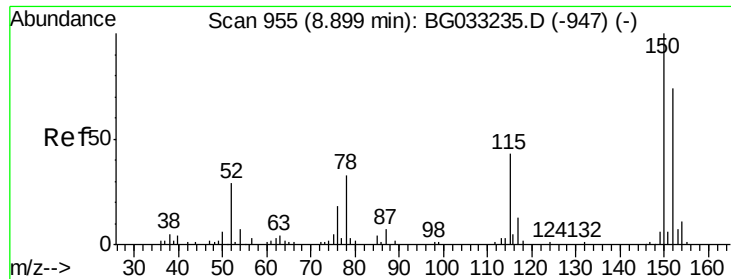
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033464.D
Acq On : 31 Mar 2018 1:09
Operator : SJ/JU
Sample : J2103-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Quant Time: Mar 31 02:50:13 2018
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Response via : Initial Calibration

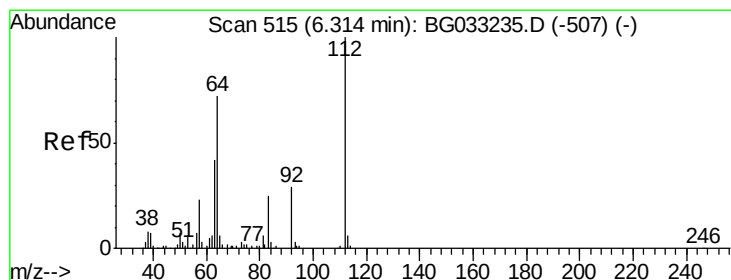
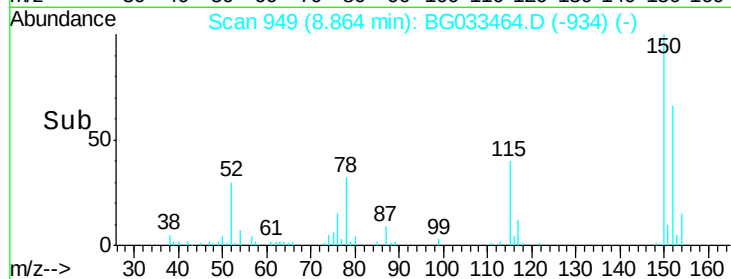
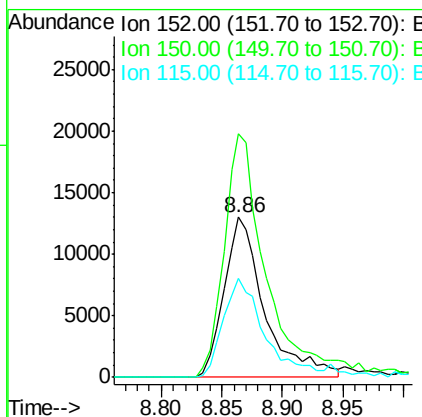
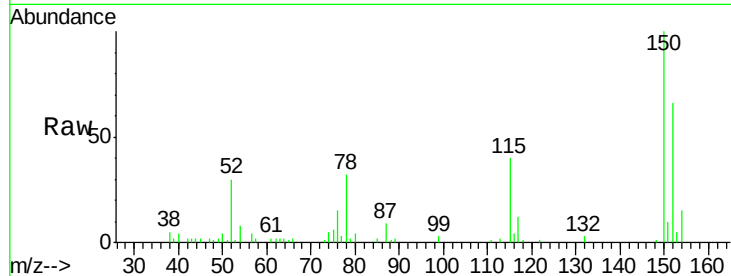




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033464.D
 Acq: 31 Mar 2018 1:09

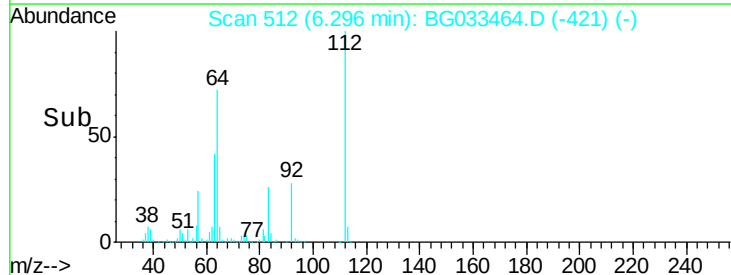
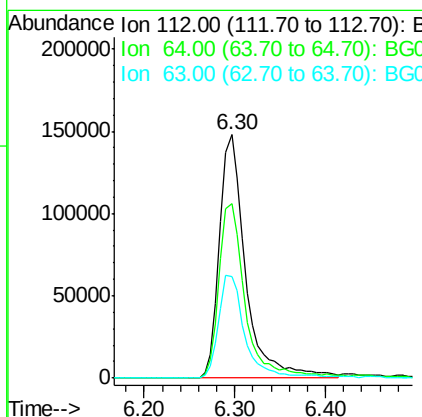
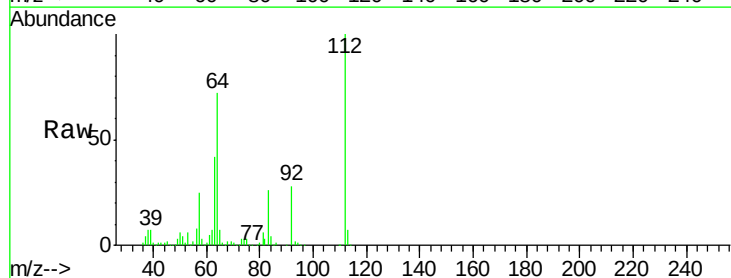
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

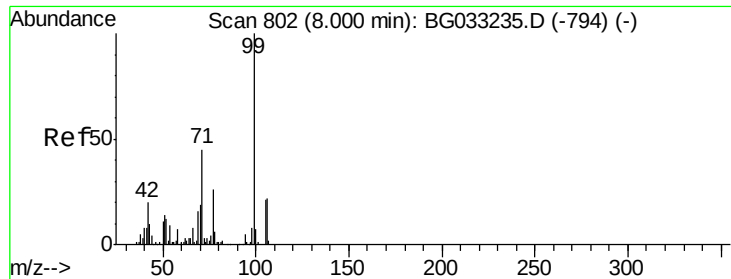
Tot Ion:152 Resp: 30260
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.6 189.8
 115 61.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 184.192 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033464.D
 Acq: 31 Mar 2018 1:09

Tgt Ion:112 Resp: 297243
 Ion Ratio Lower Upper
 112 100
 64 71.7 56.3 84.5
 63 41.9 30.1 45.1





#7

Phenol-d6

Concen: 146.202 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

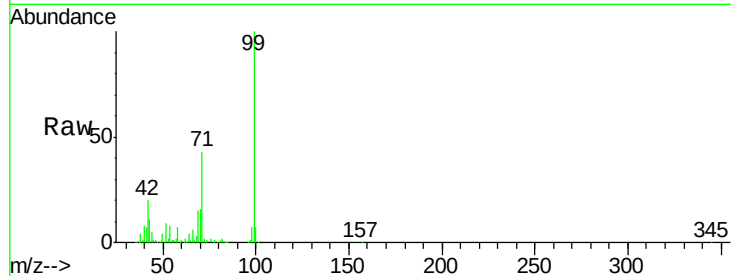
Tot Ion: 99 Resp: 405386

Ion Ratio Lower Upper

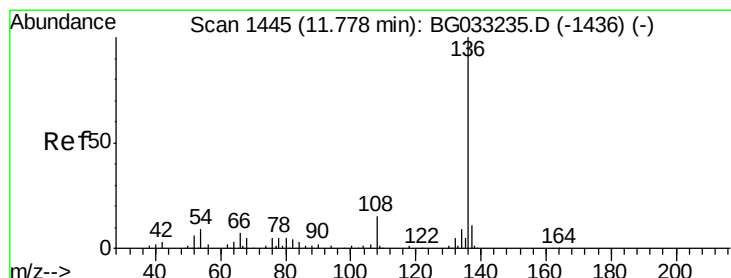
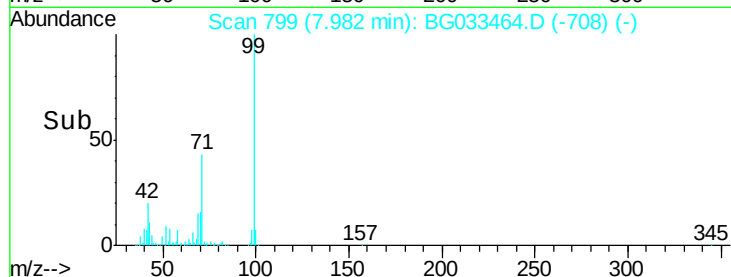
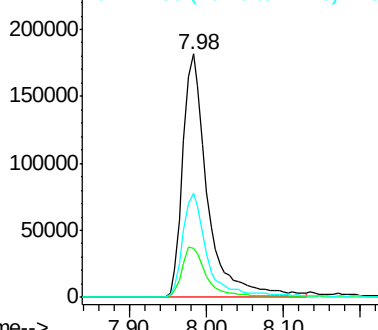
99 100

42 19.9 14.1 21.1

71 42.6 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

Tgt Ion: 136 Resp: 133550

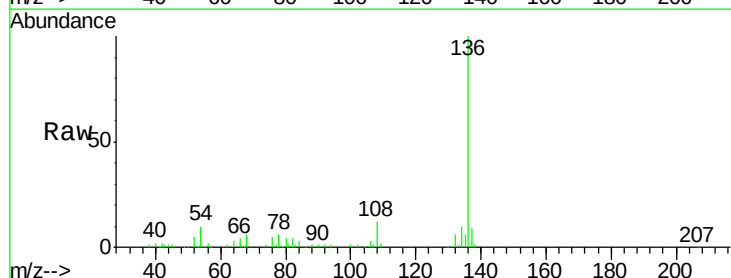
Ion Ratio Lower Upper

136 100

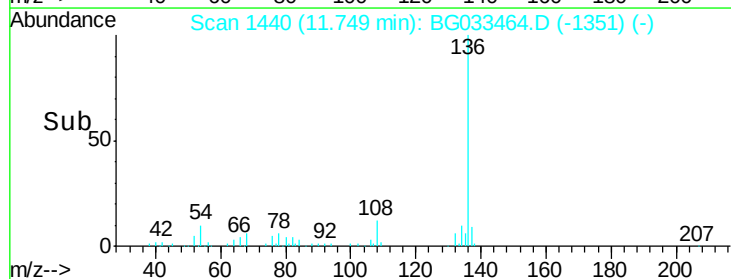
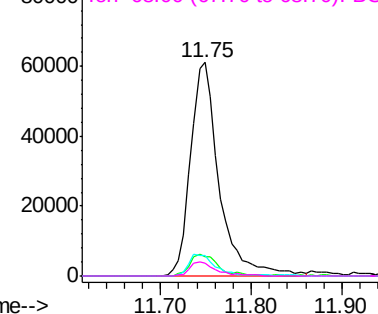
137 9.1 9.2 13.8#

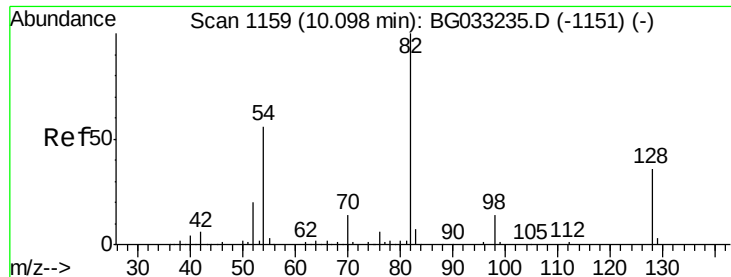
54 9.8 10.3 15.5#

68 5.7 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: 114.257 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

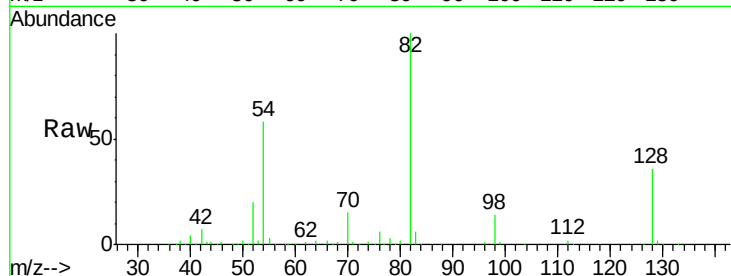
Tot Ion: 82 Resp: 332122

Ion Ratio Lower Upper

82 100

128 36.4 29.7 44.5

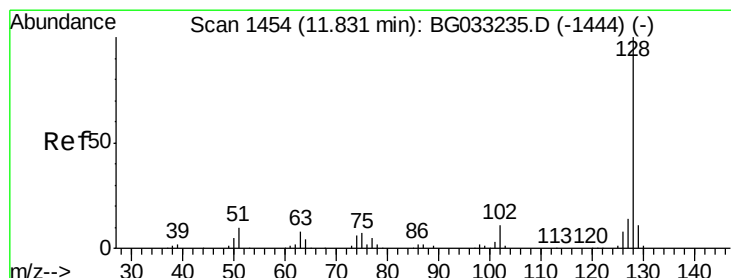
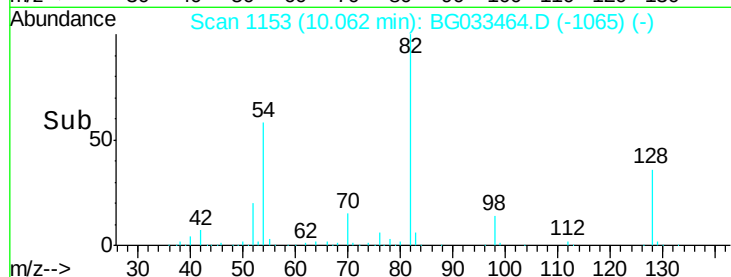
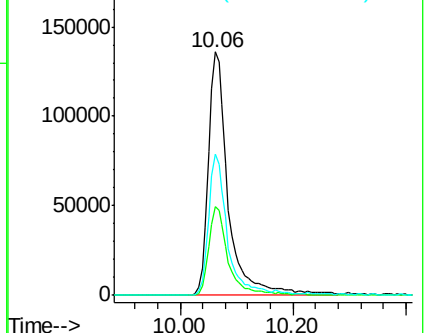
54 58.1 43.1 64.7



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: 7.501 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

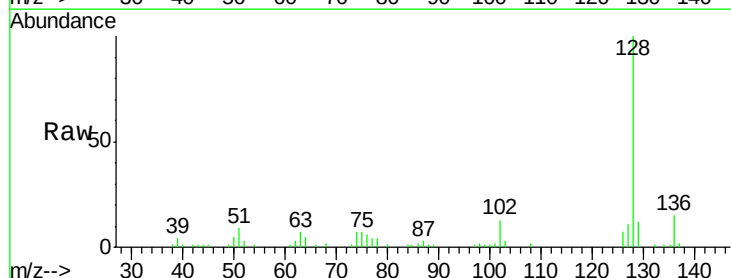
Tgt Ion: 128 Resp: 51908

Ion Ratio Lower Upper

128 100

129 12.5 8.6 12.8

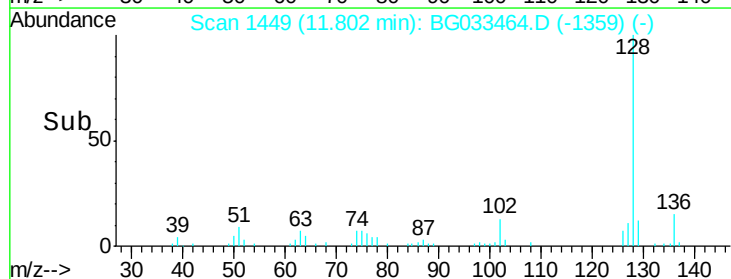
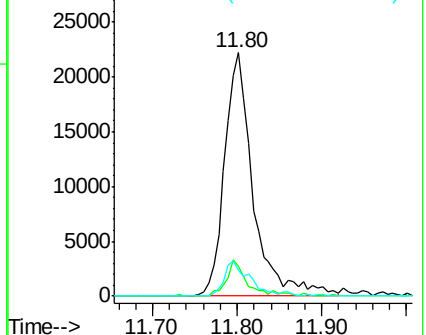
127 10.8 11.6 17.4#

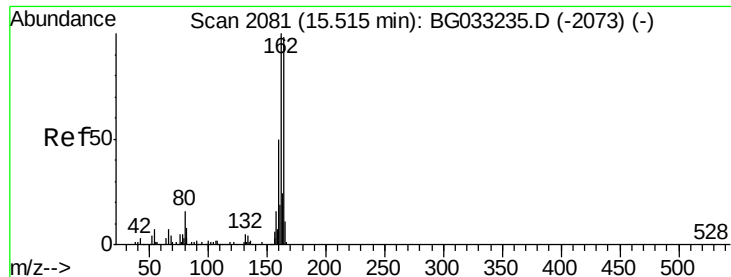


Abundance Ion 128.00 (127.70 to 128.70): BGC

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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

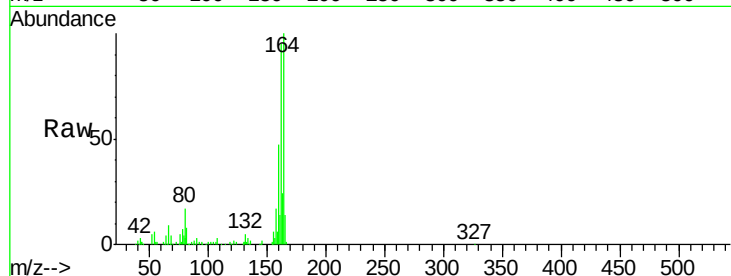
Tot Ion:164 Resp: 104704

Ion Ratio Lower Upper

164 100

162 95.2 78.8 118.2

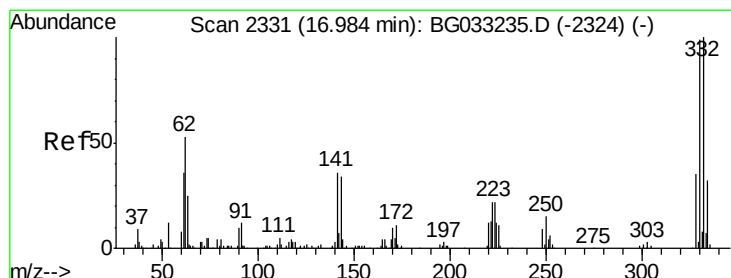
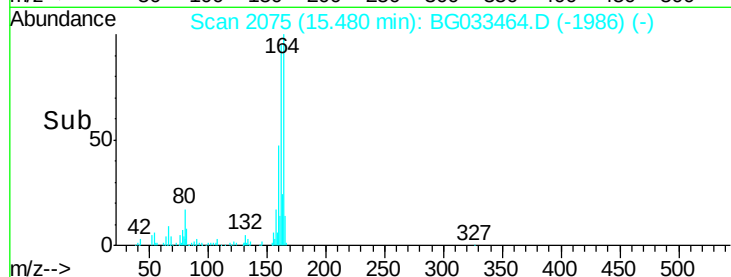
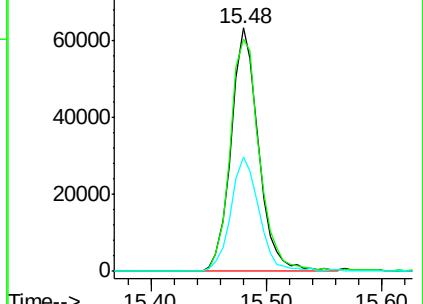
160 46.7 35.4 53.0



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: 183.740 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

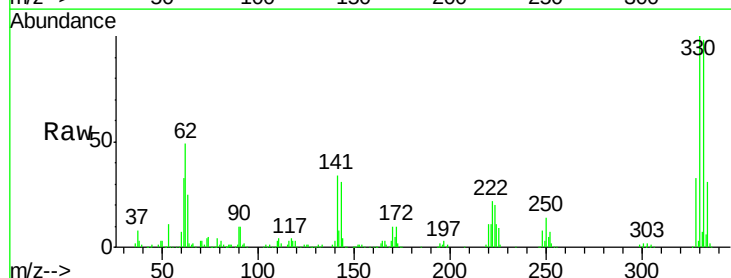
Tgt Ion:330 Resp: 287732

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

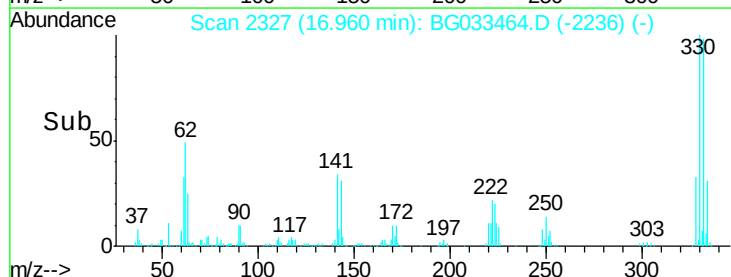
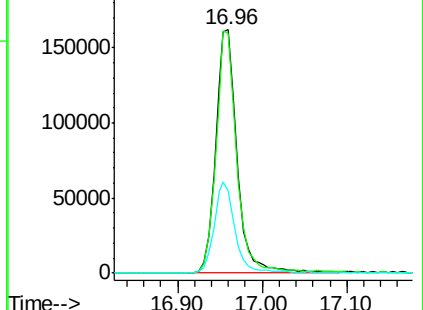
141 36.6 25.2 37.8

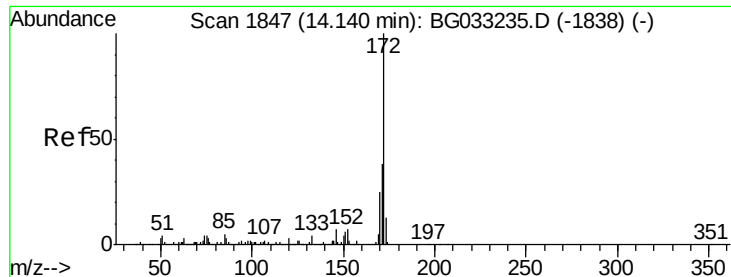


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

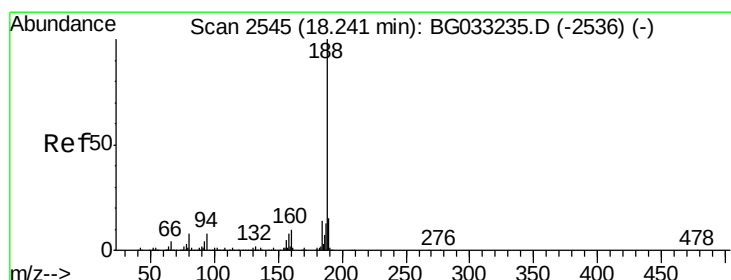
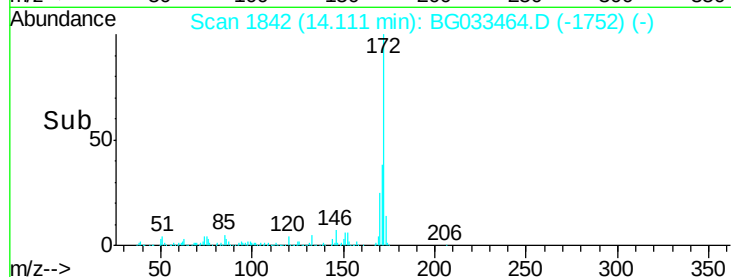
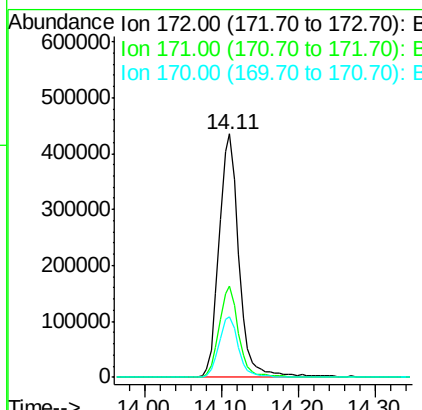
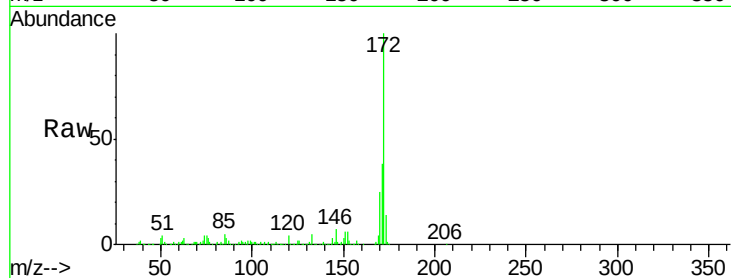




#44
 2-Fluorobiphenyl
 Concen: 107.064 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033464.D
 Acq: 31 Mar 2018 1:09

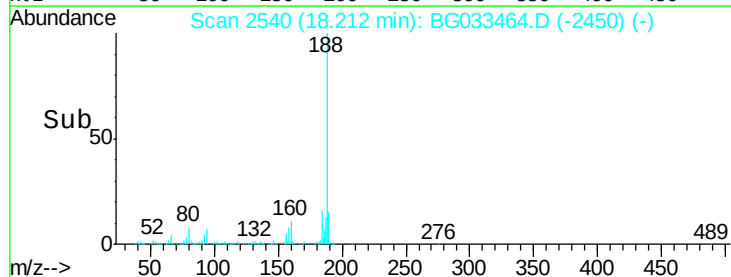
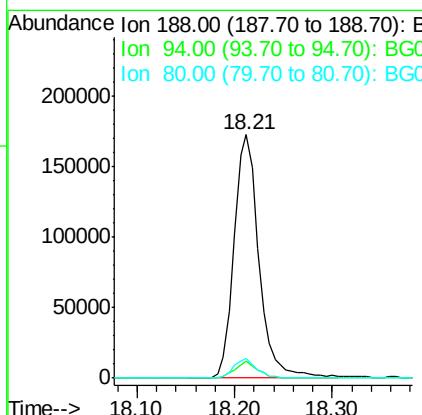
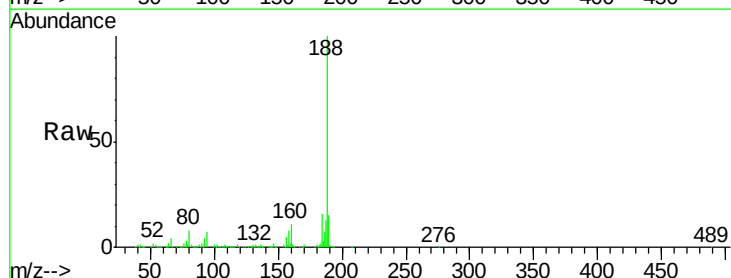
Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-2

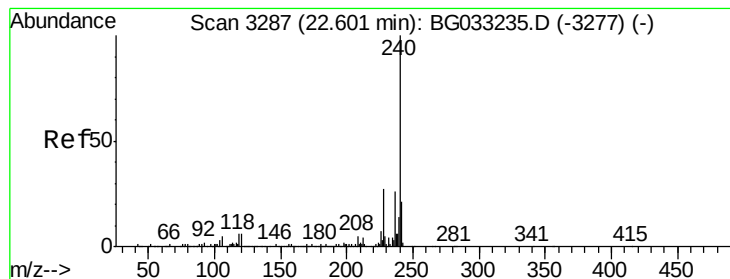
Tot Ion:172 Resp: 776517
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033464.D
 Acq: 31 Mar 2018 1:09

Tgt Ion:188 Resp: 304893
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 8.1 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

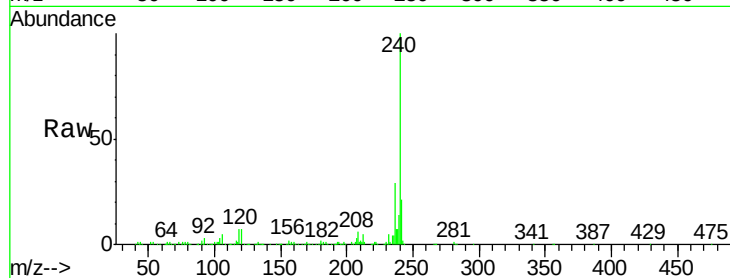
Tot Ion:240 Resp: 331431

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

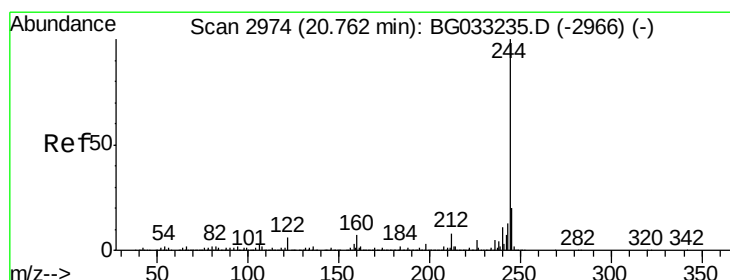
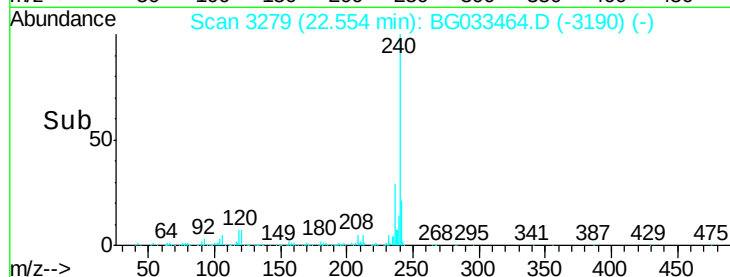
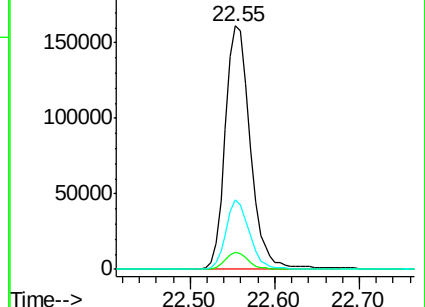
236 28.6 20.9 31.3



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: 110.347 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033464.D

Acq: 31 Mar 2018 1:09

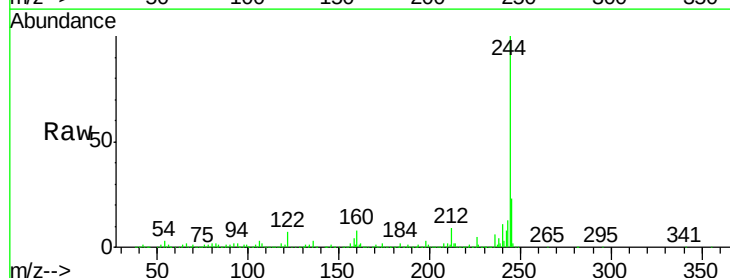
Tgt Ion:244 Resp: 1710108

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

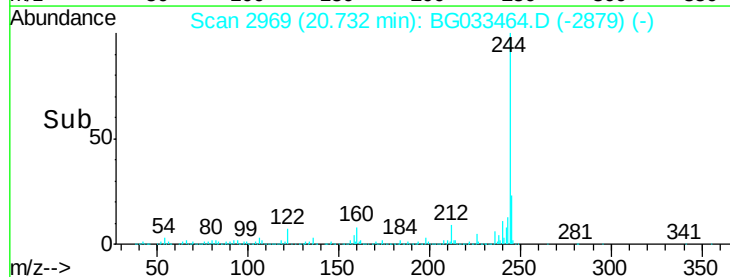
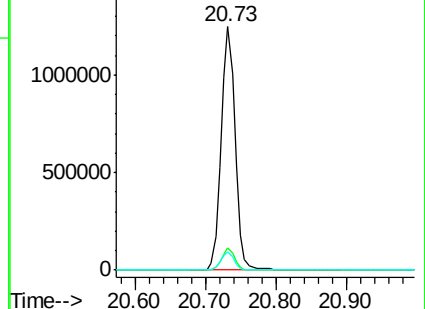
122 7.4 7.0 10.4

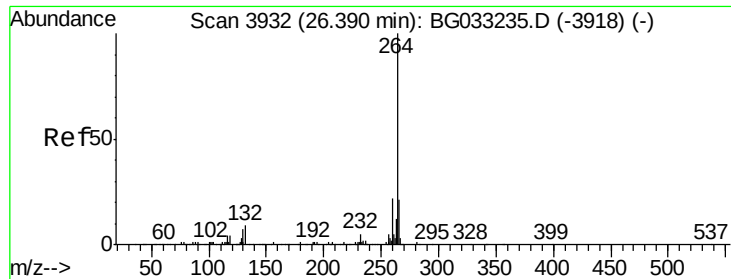


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

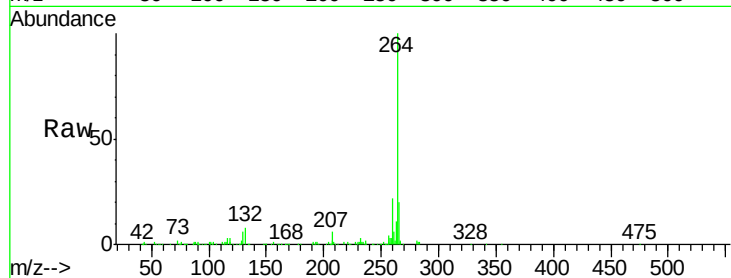




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033464.D
Acq: 31 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.3	17.7	26.5



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

