

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033463.D
 Acq On : 31 Mar 2018 00:32
 Operator : SJ/JU
 Sample : J2103-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1

Quant Time: Mar 31 02:48:53 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	8.87	152	30231	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	129804	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104381	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306234	20.00	ng	0.00
75) Chrysene-d12	22.56	240	324188	20.00	ng	0.00
86) Perylene-d12	26.32	264	340329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	260548	161.61	ng	0.00
7) Phenol-d6	7.98	99	370481	133.74	ng	0.00
23) Nitrobenzene-d5	10.06	82	290025	102.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	259604	166.29	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	714640	98.84	ng	0.00
78) Terphenyl-d14	20.73	244	1501081	99.02	ng	0.00

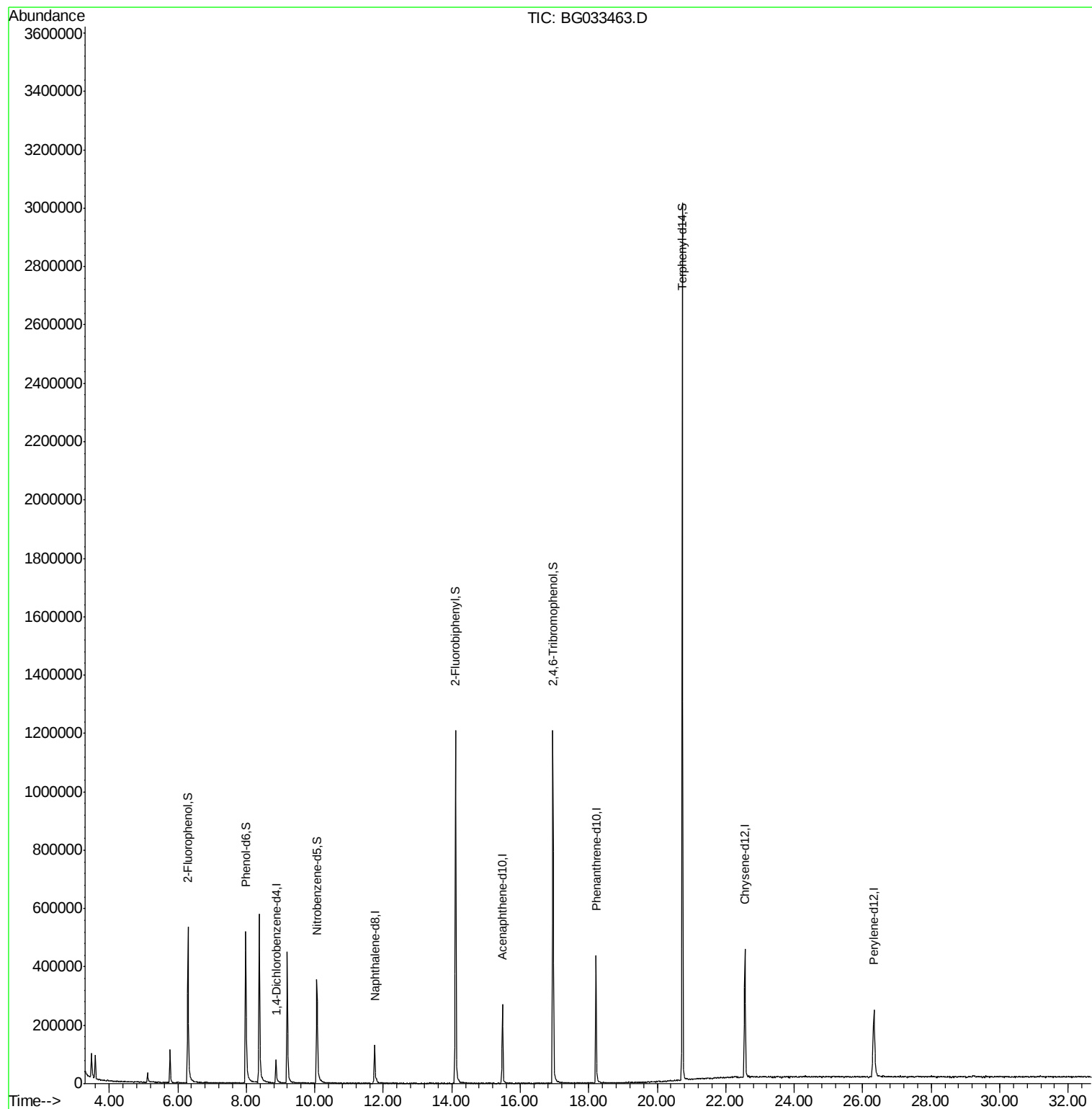
Target Compounds Qvalue

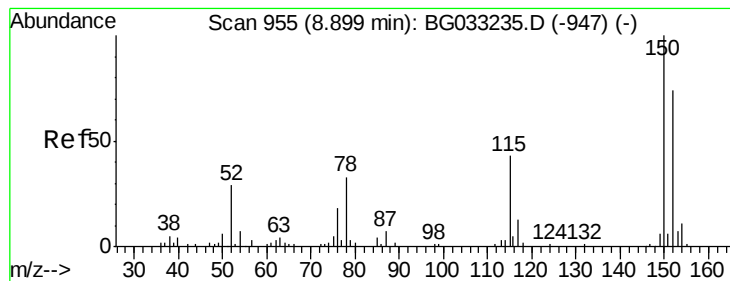
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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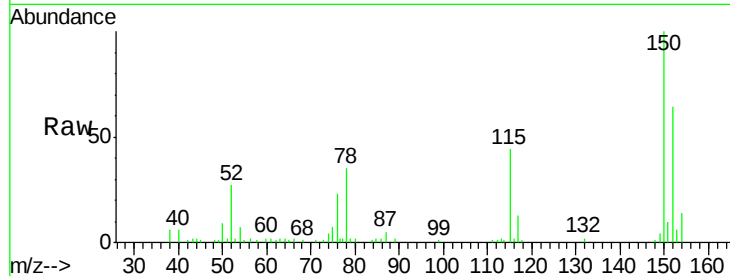


#1

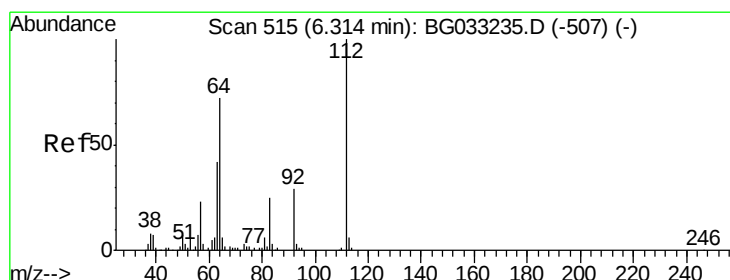
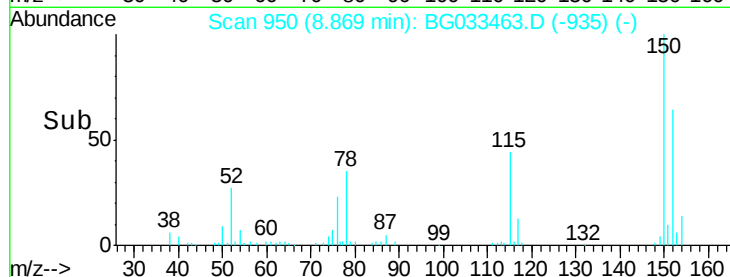
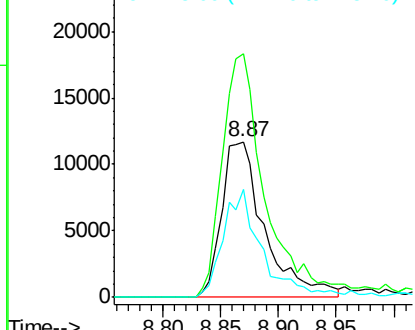
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	68.9	53.0	79.4



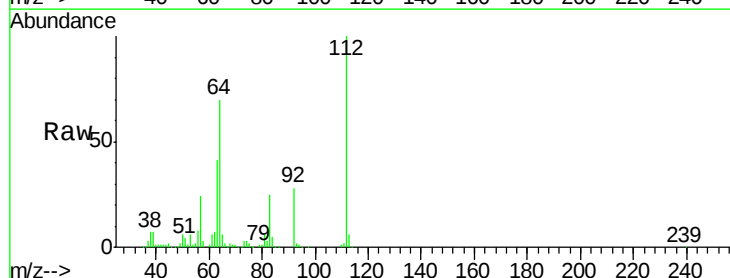
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



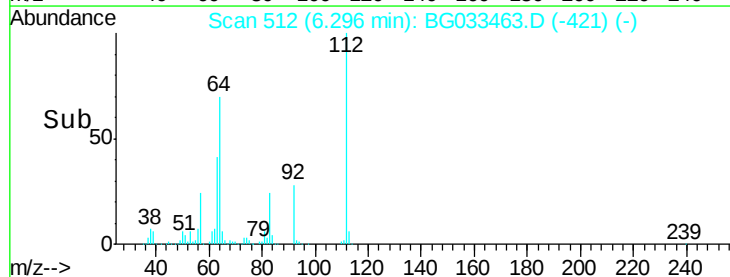
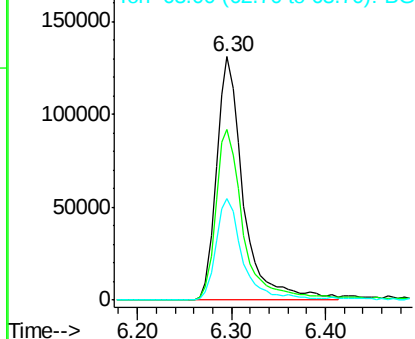
#5

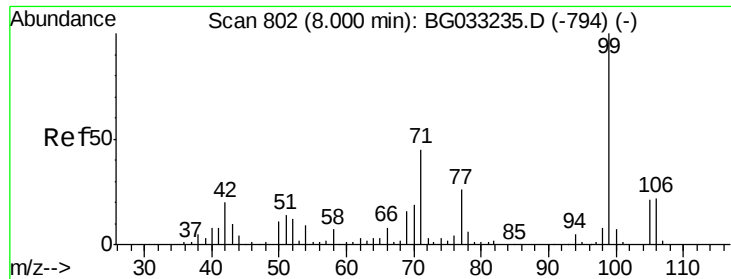
2-Fluorophenol
 Concen: 161.609 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	41.5	30.1	45.1



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: 133.742 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1

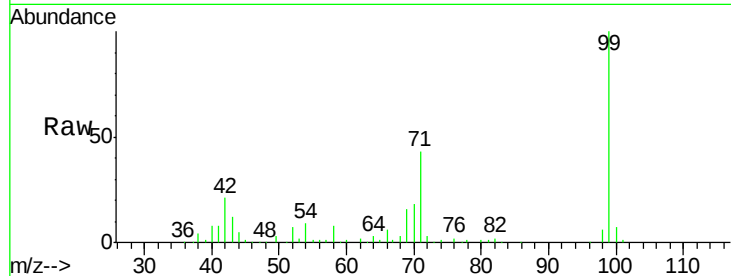
Tot Ion: 99 Resp: 370481

Ion Ratio Lower Upper

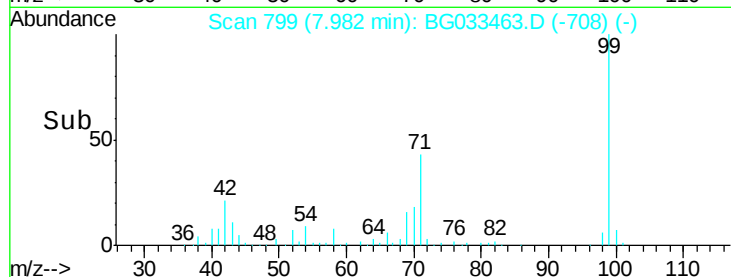
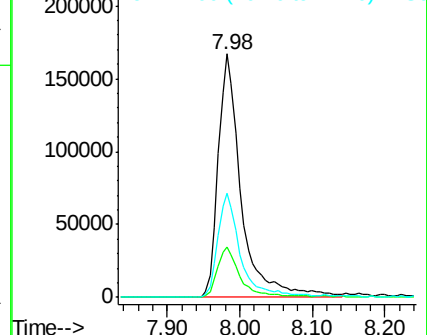
99 100

42 20.7 14.1 21.1

71 42.5 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: BG033463.D

Acq: 31 Mar 2018 00:32

Tgt Ion: 136 Resp: 129804

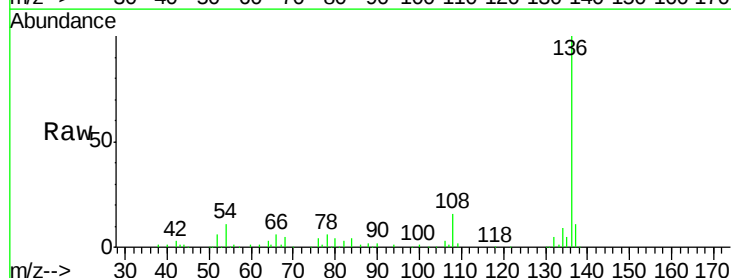
Ion Ratio Lower Upper

136 100

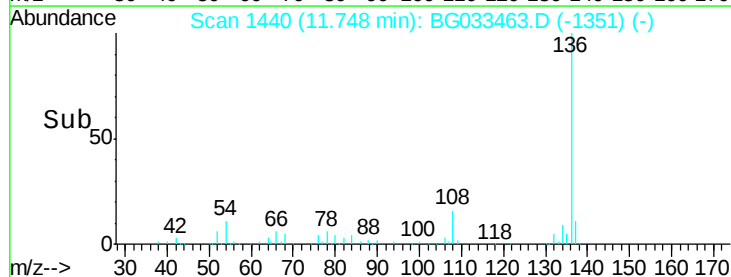
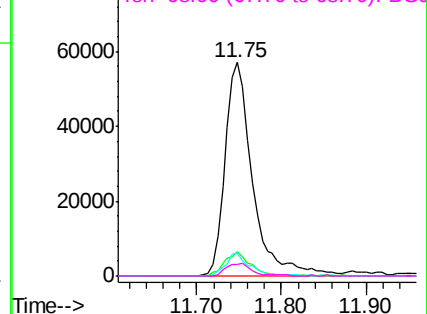
137 11.2 9.2 13.8

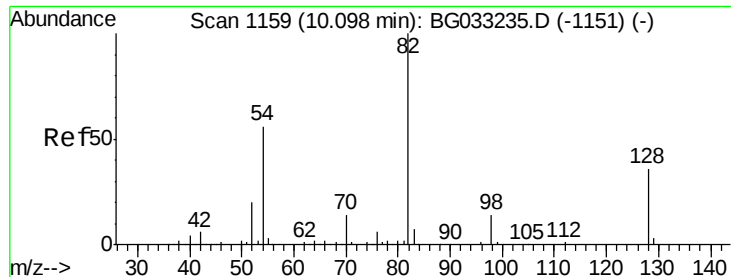
54 11.0 10.3 15.5

68 5.2 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

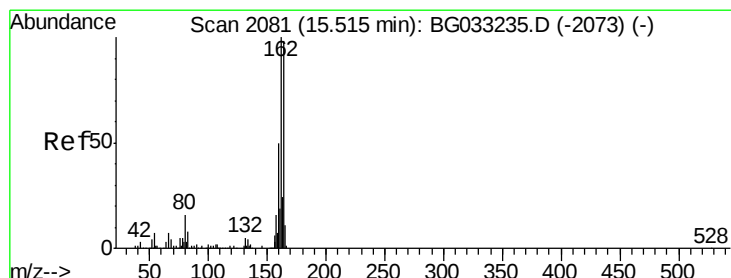
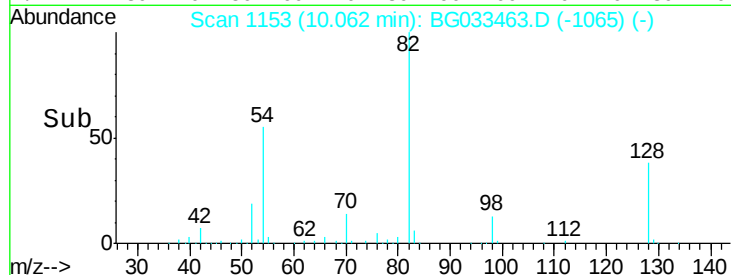
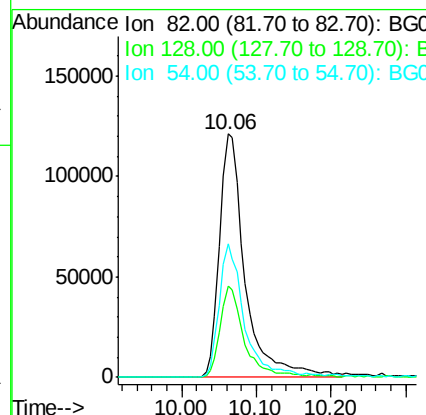
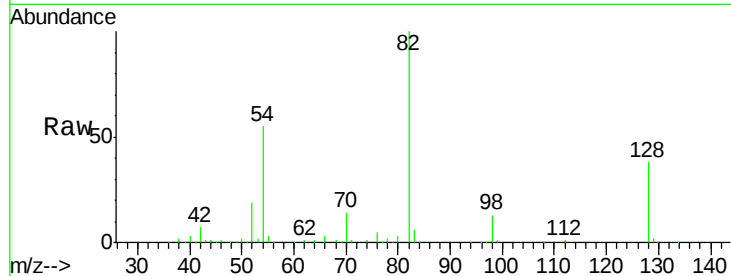




#23
Nitrobenzene-d5
Concen: 102.654 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

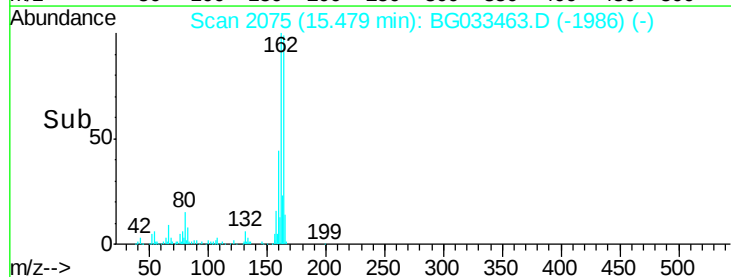
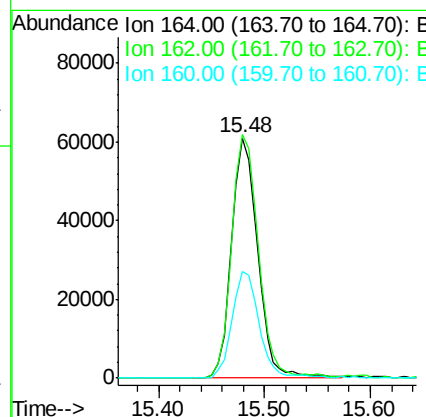
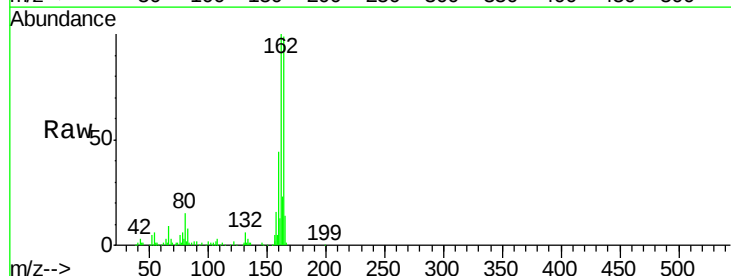
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1

Tot Ion: 82 Resp: 290025
Ion Ratio Lower Upper
82 100
128 37.8 29.7 44.5
54 54.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion:164 Resp: 104381
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.3 35.4 53.0

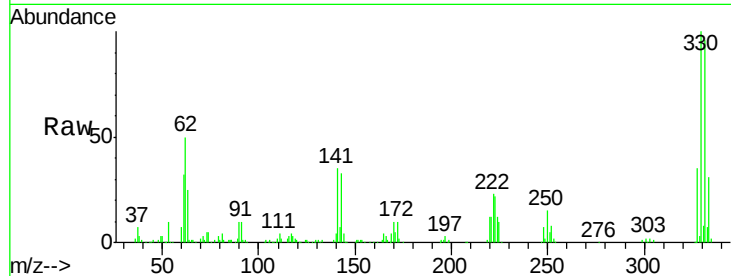




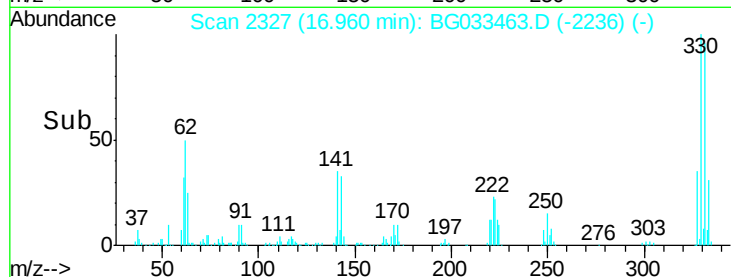
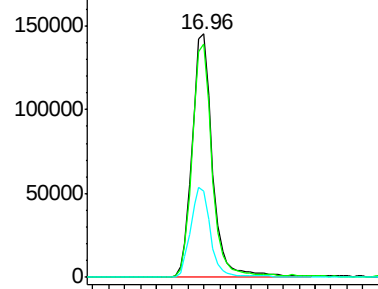
#41
 2,4,6-Tribromophenol
 Concen: 166.291 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.2	25.2	37.8

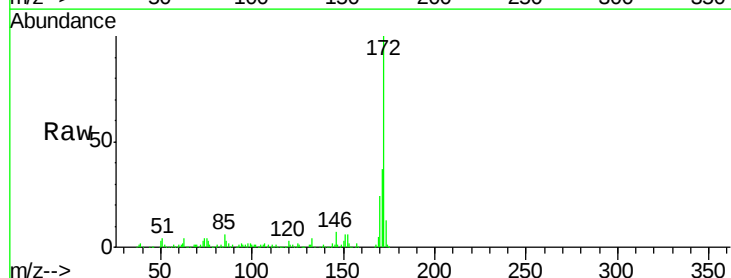


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

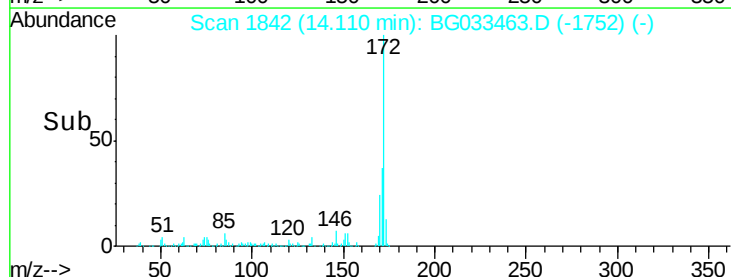
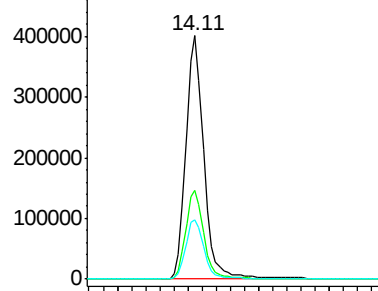


#44
 2-Fluorobiphenyl
 Concen: 98.838 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.5	19.5	29.3



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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1

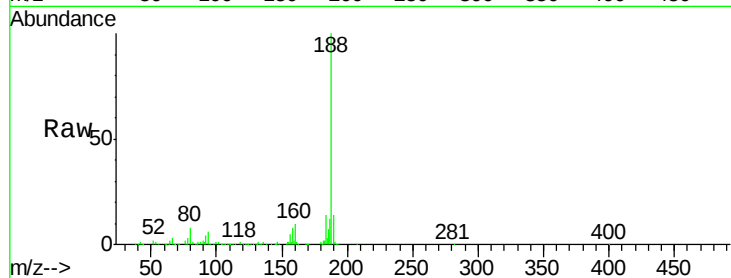
Tot Ion:188 Resp: 306234

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

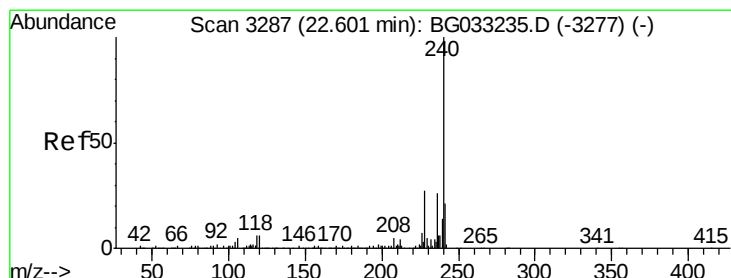
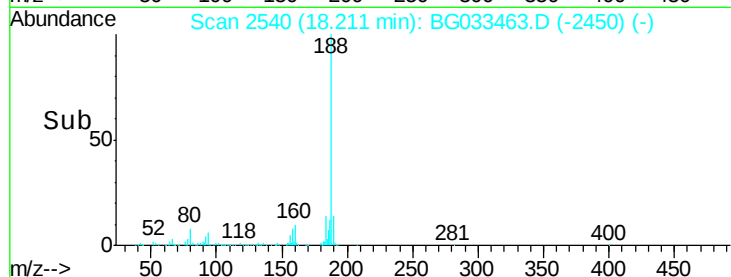
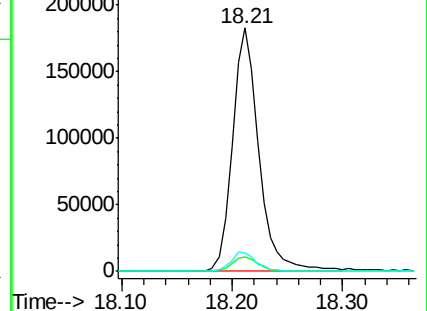
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

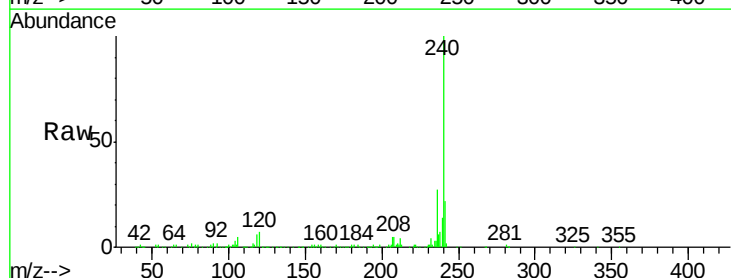
Tgt Ion:240 Resp: 324188

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

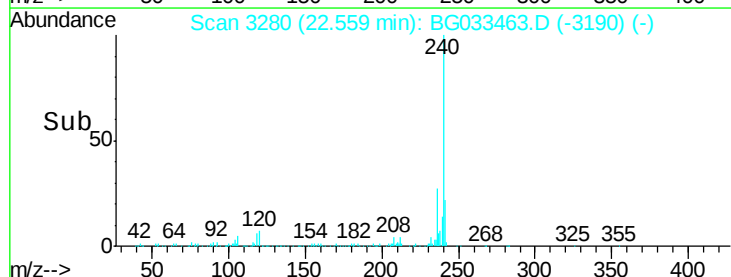
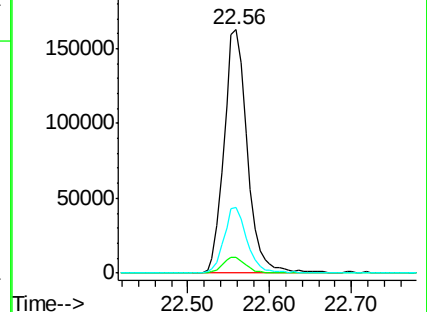
236 26.9 20.9 31.3

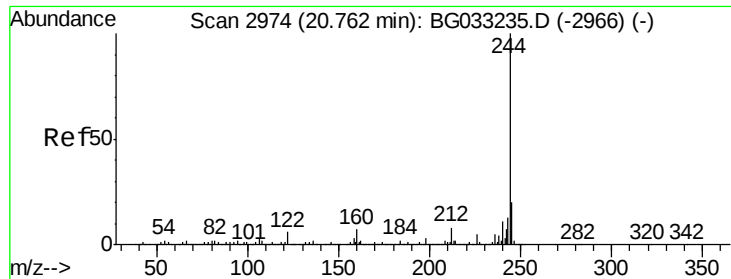


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.023 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

Instrument :

BNA_G

ClientSampled :

LS-SOIL-1

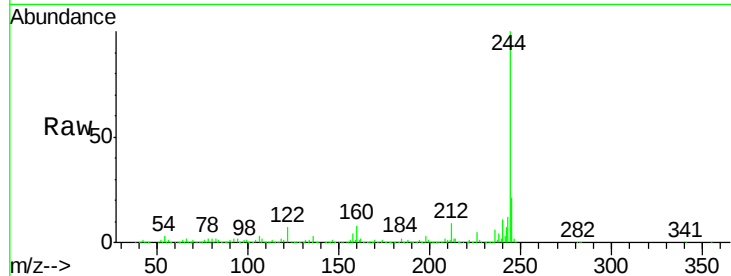
Tot Ion:244 Resp: 1501081

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

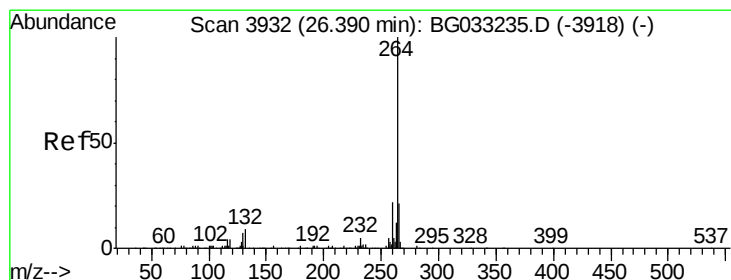
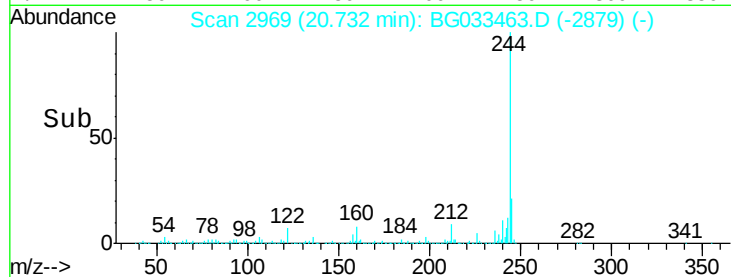
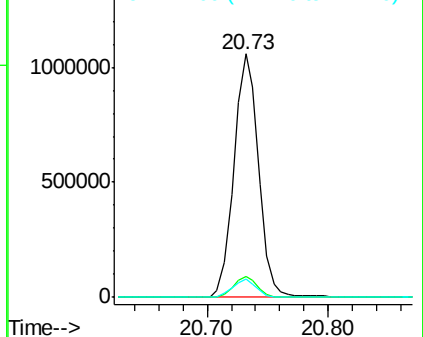
122 7.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.02 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

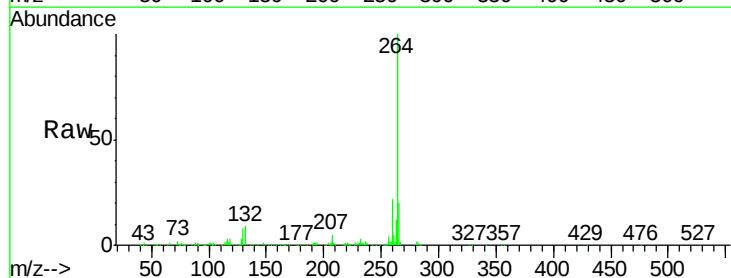
Tgt Ion:264 Resp: 340329

Ion Ratio Lower Upper

264 100

260 22.0 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

