

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030937.D
 Acq On : 11 Nov 2017 10:52
 Operator : SJ/JU
 Sample : I6396-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL

Quant Time: Nov 13 03:54:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44767	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	184725	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	133072	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	357644	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	447592	20.00	ng	-0.01
86) Perylene-d12	25.08	264	439527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	352072	134.86	ng	0.00
7) Phenol-d6	7.31	99	397146	112.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	301622	96.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	331696	154.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	873158	94.28	ng	-0.01
78) Terphenyl-d14	20.09	244	1820162	89.79	ng	0.00

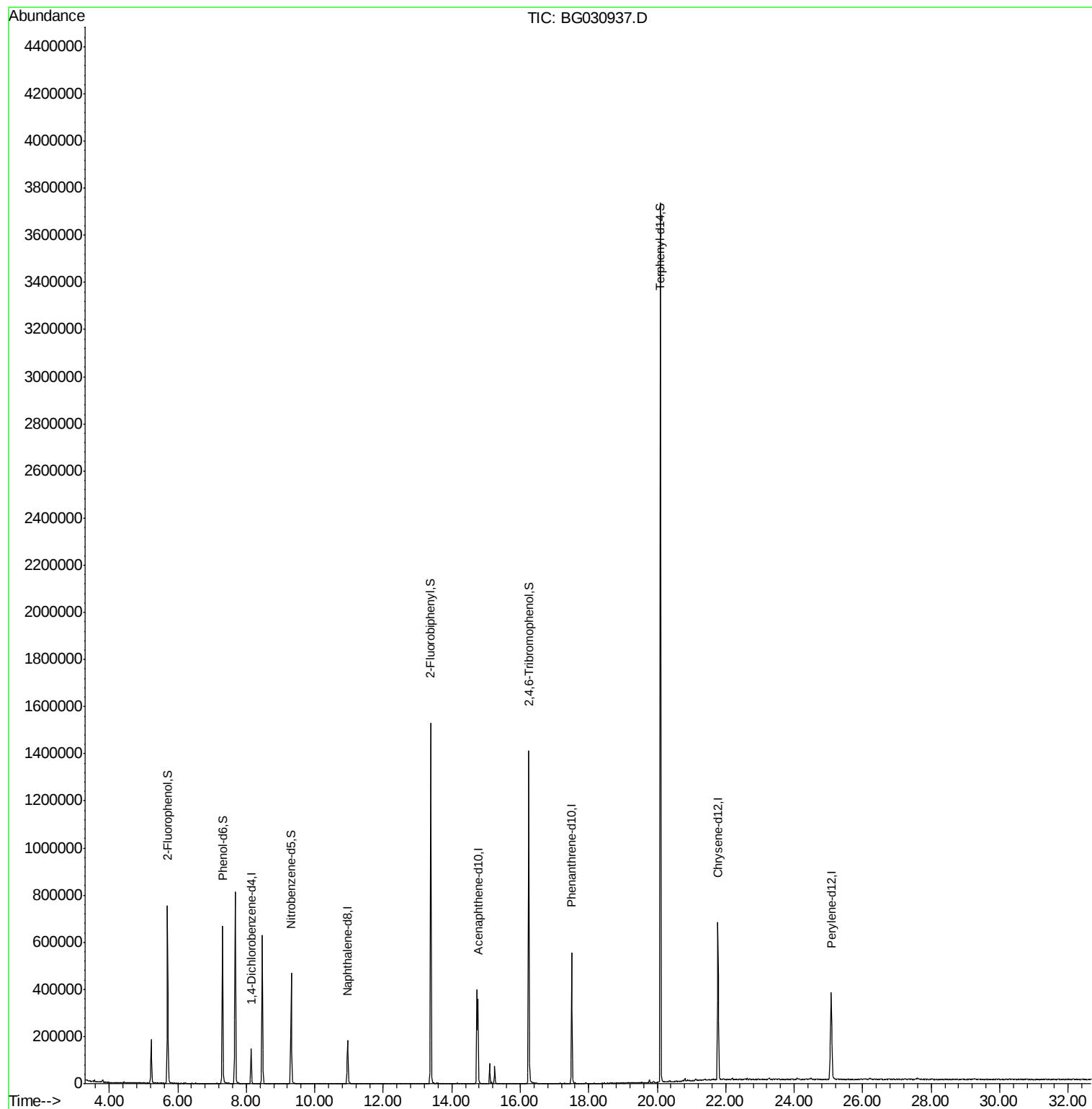
Target Compounds Qvalue

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

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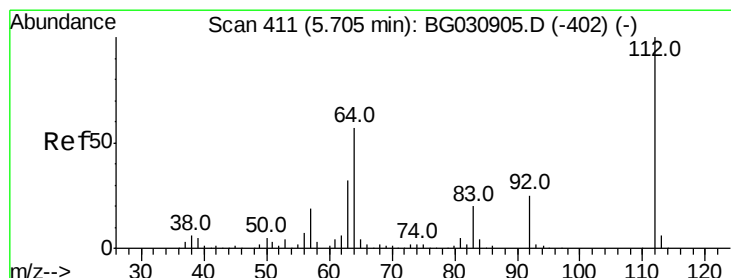
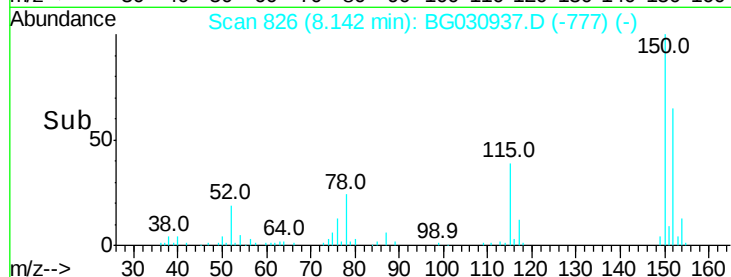
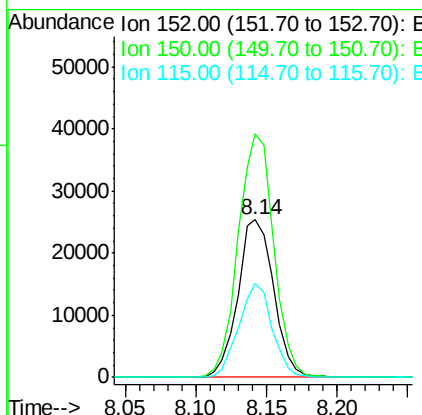
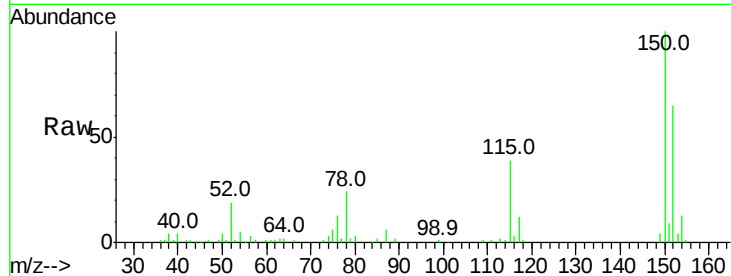


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Instrument :
BNA_G
ClientSampled :
LS-SOIL

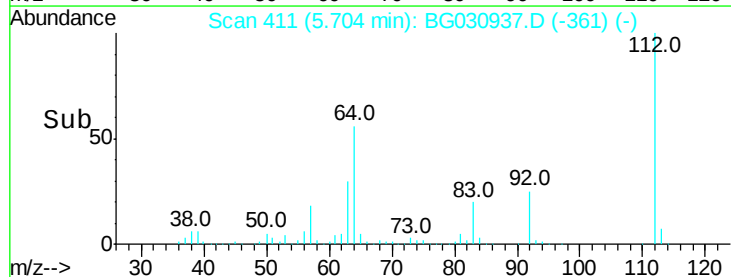
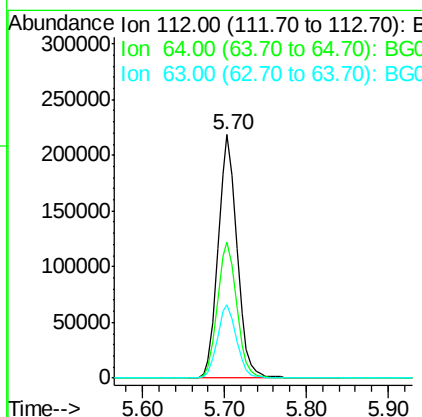
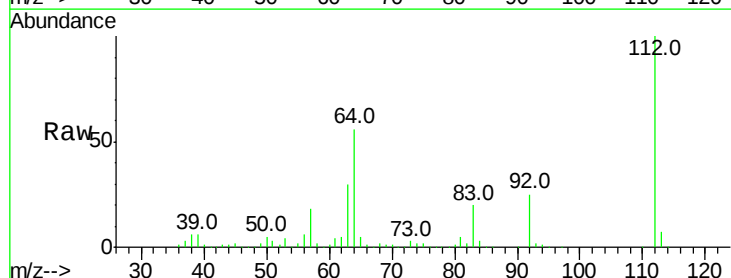
Tot Ion:152 Resp: 44767
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 59.6 53.0 79.4

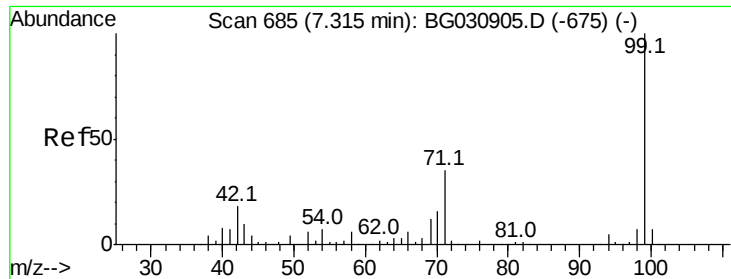


#5

2-Fluorophenol
Concen: 134.858 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Tgt Ion:112 Resp: 352072
Ion Ratio Lower Upper
112 100
64 56.1 56.3 84.5#
63 30.3 30.1 45.1





#7

Phenol-d6

Concen: 112.917 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

LS-SOIL

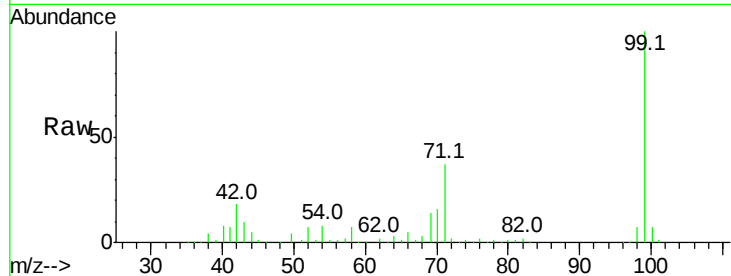
Tot Ion: 99 Resp: 397146

Ion Ratio Lower Upper

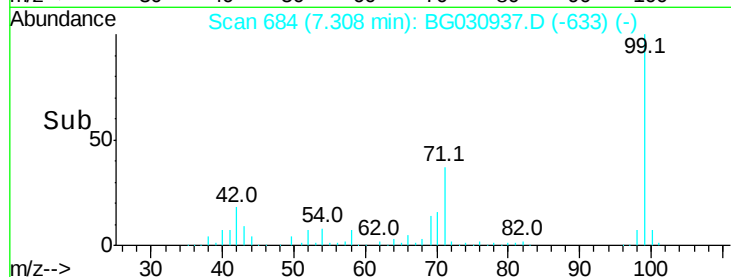
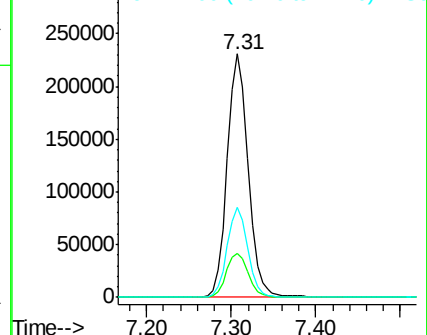
99 100

42 18.3 14.1 21.1

71 37.0 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Tgt Ion: 136 Resp: 184725

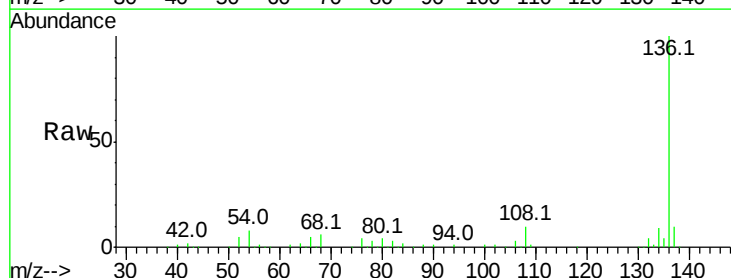
Ion Ratio Lower Upper

136 100

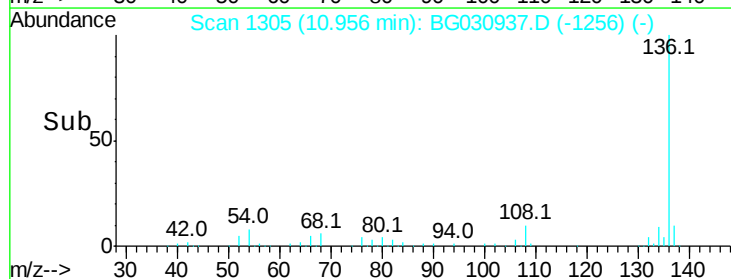
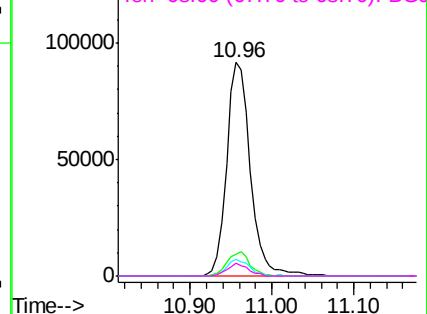
137 9.9 9.2 13.8

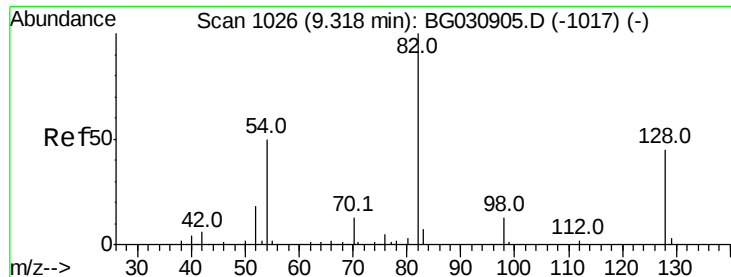
54 7.8 10.3 15.5#

68 5.9 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

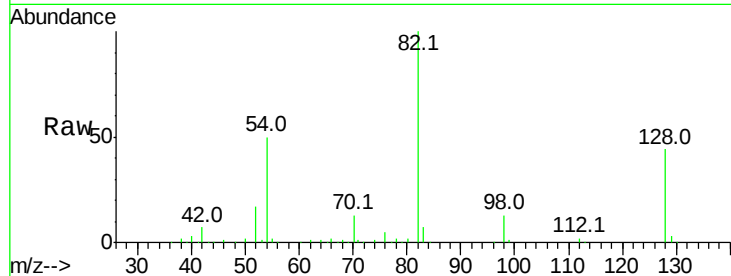




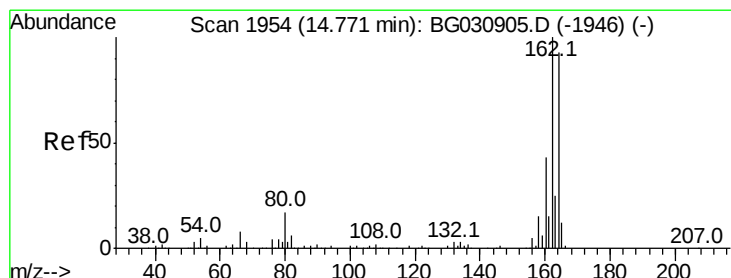
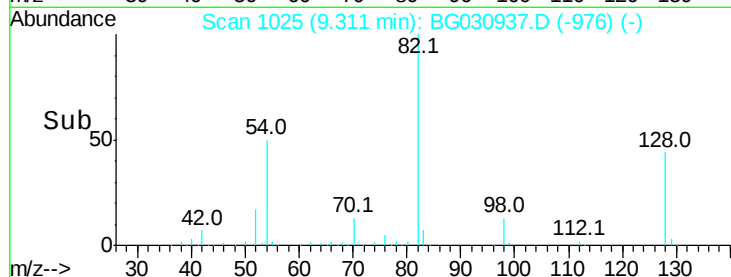
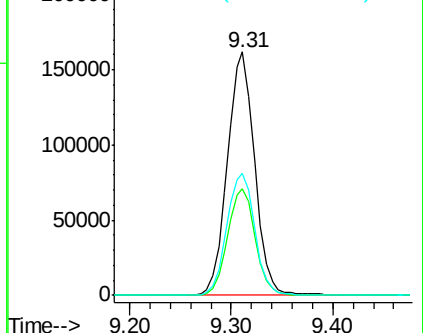
#23
Nitrobenzene-d5
Concen: 96.755 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Instrument :
BNA_G
ClientSampleId :
LS-SOIL

Tot Ion: 82 Resp: 301622
Ion Ratio Lower Upper
82 100
128 43.6 29.7 44.5
54 50.2 43.1 64.7

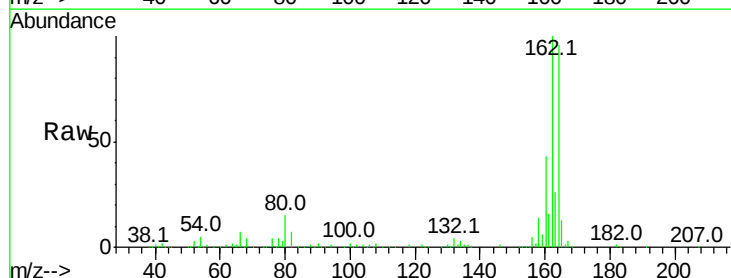


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

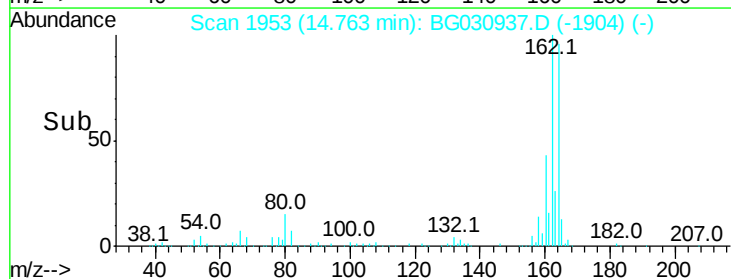
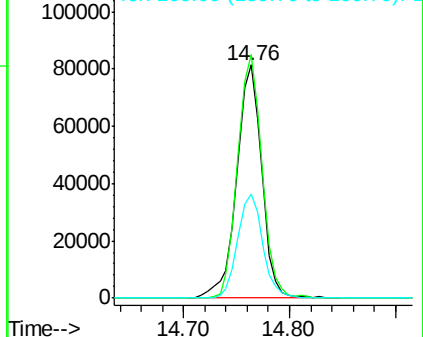


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Tgt Ion:164 Resp: 133072
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 44.5 35.4 53.0



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

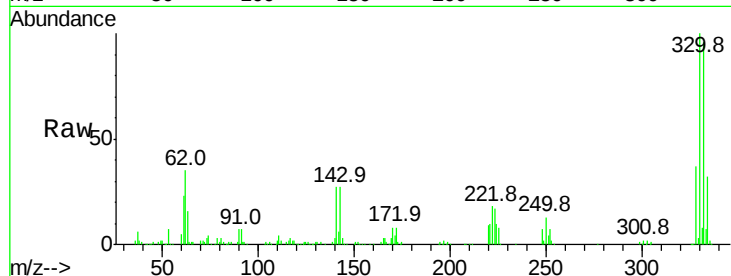




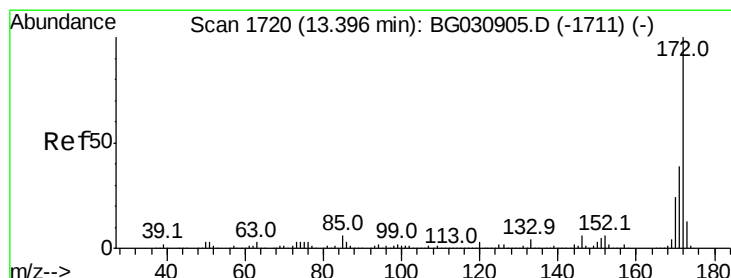
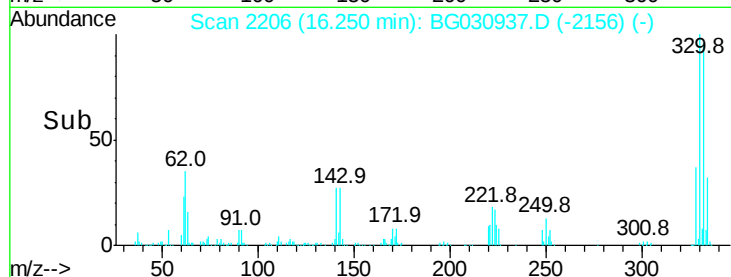
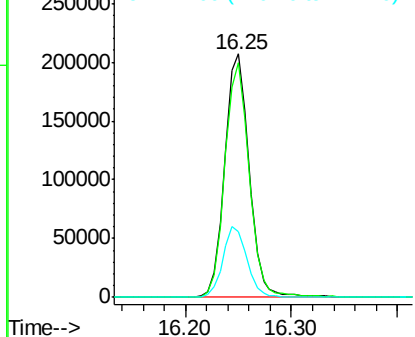
#41
 2,4,6-Tribromophenol
 Concen: 154.086 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.0	25.2	37.8

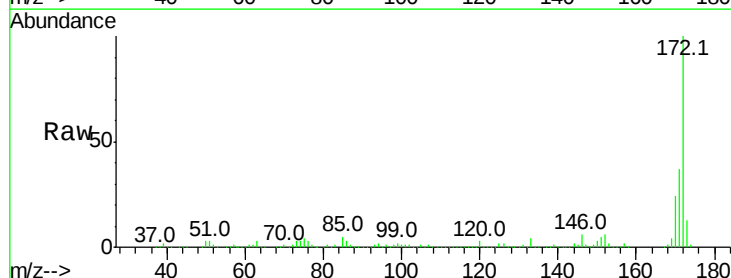


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

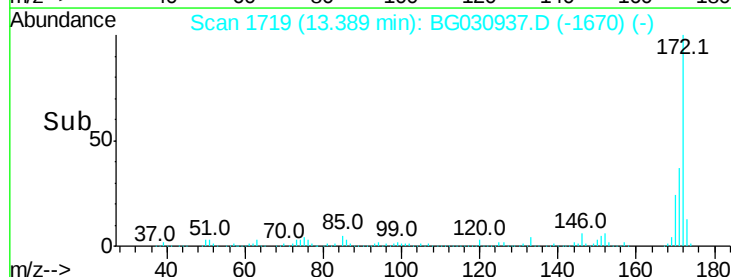
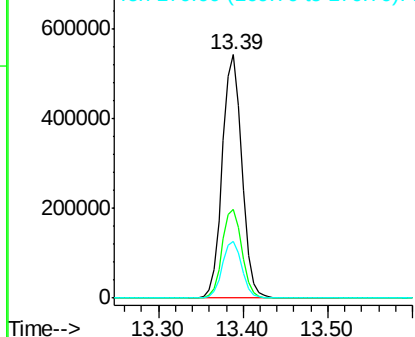


#44
 2-Fluorobiphenyl
 Concen: 94.282 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.6	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

LS-SOIL

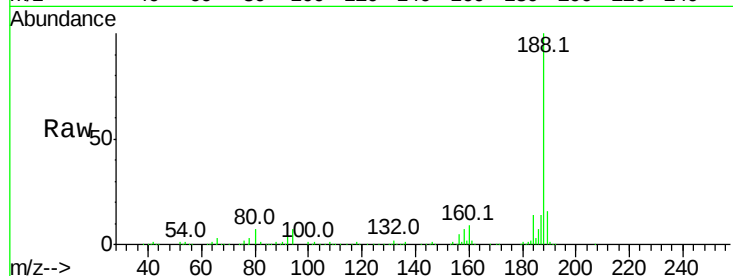
Tot Ion:188 Resp: 357644

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

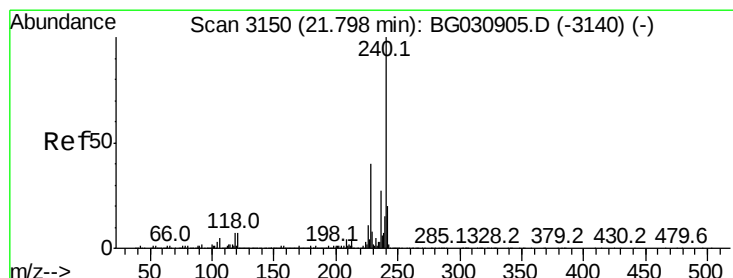
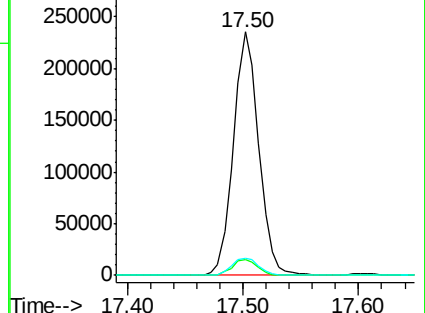
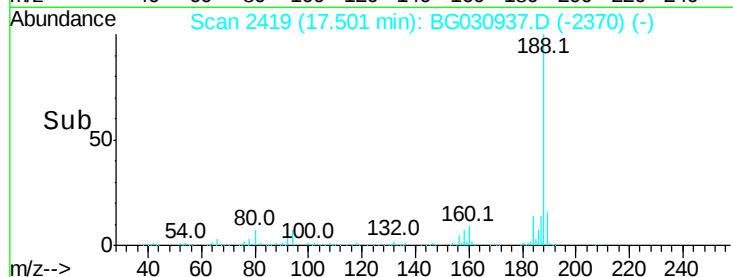
80 7.3 7.7 11.5#



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

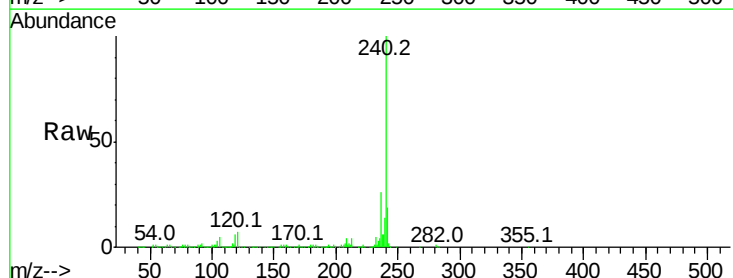
Tgt Ion:240 Resp: 447592

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

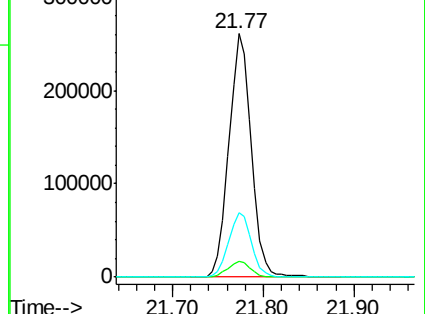
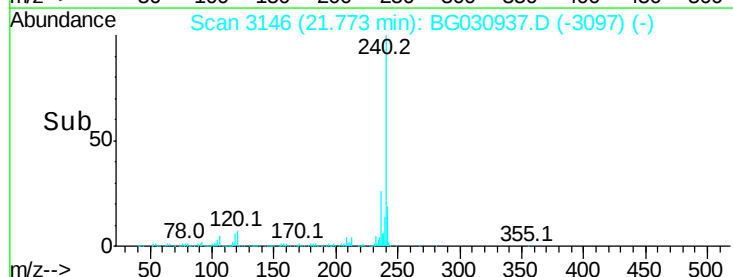
236 26.3 20.9 31.3



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: 89.793 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

LS-SOIL

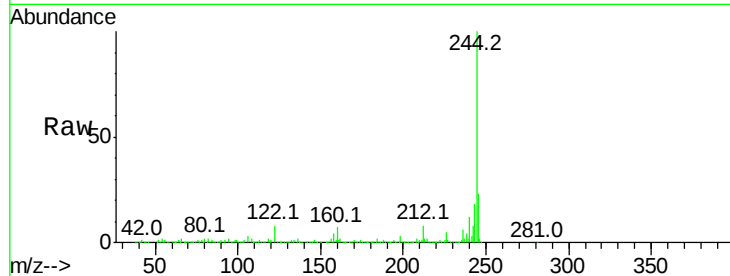
Tot Ion:244 Resp: 1820162

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

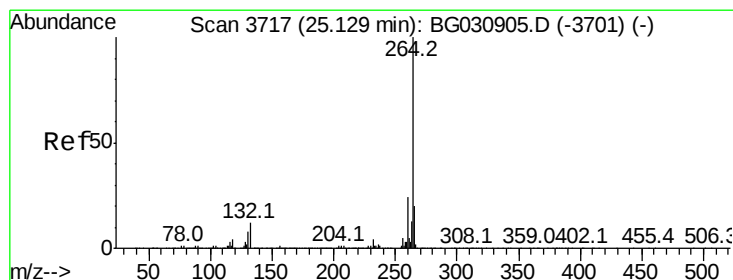
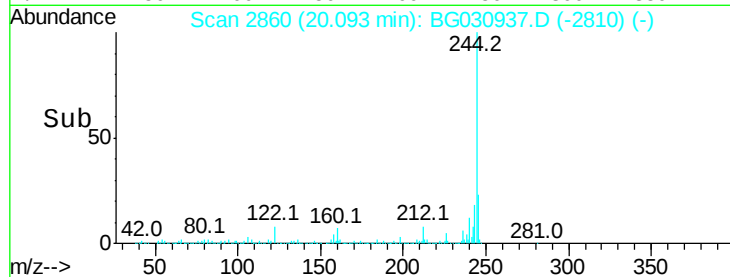
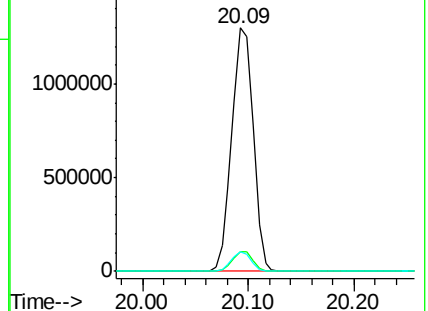
122 8.1 7.0 10.4



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: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

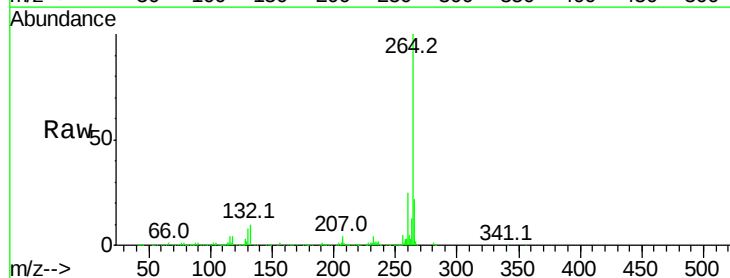
Tgt Ion:264 Resp: 439527

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.0 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

