

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035660.D
 Acq On : 14 Jul 2018 10:58
 Operator : JU/SJ
 Sample : J3542-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1

Quant Time: Jul 16 01:19:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53858	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	203776	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122740	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	384275	20.00	ng	0.00
75) Chrysene-d12	21.68	240	393277	20.00	ng	0.00
86) Perylene-d12	24.90	264	187756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408503	125.93	ng	0.00
7) Phenol-d6	7.22	99	523562	108.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	432381	88.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	277781	171.70	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	913280	99.69	ng	0.00
78) Terphenyl-d14	20.02	244	1650164	92.49	ng	0.00

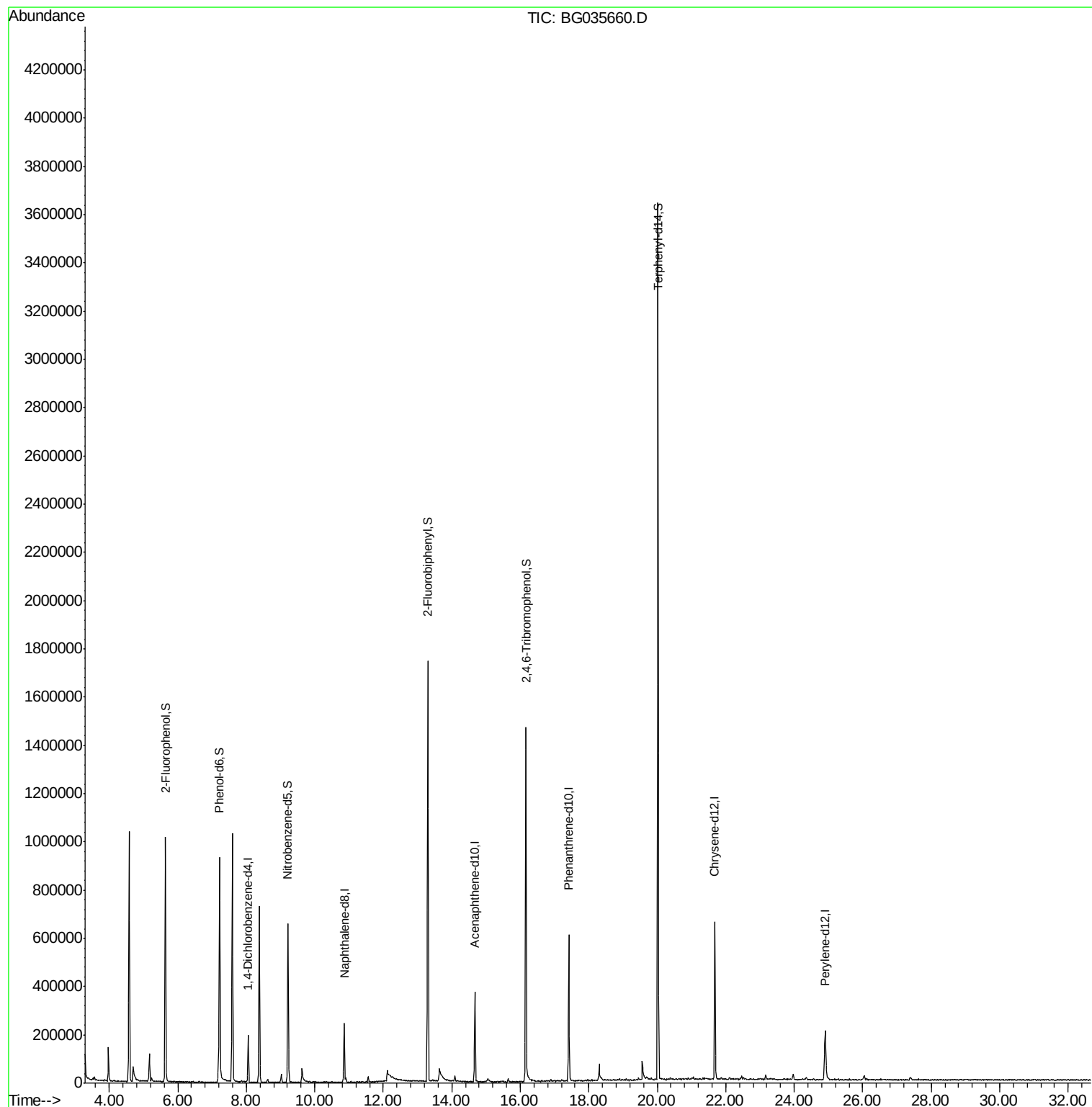
Target Compounds Qvalue

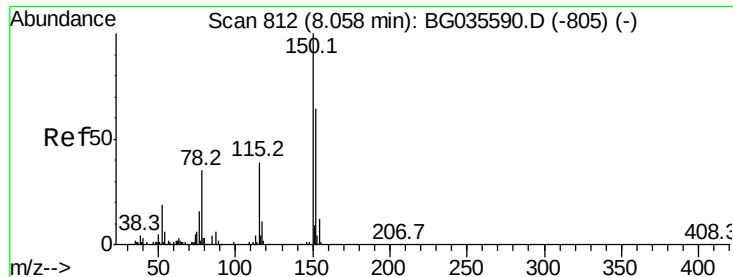
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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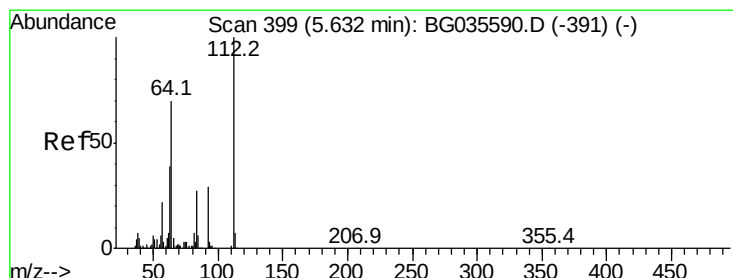
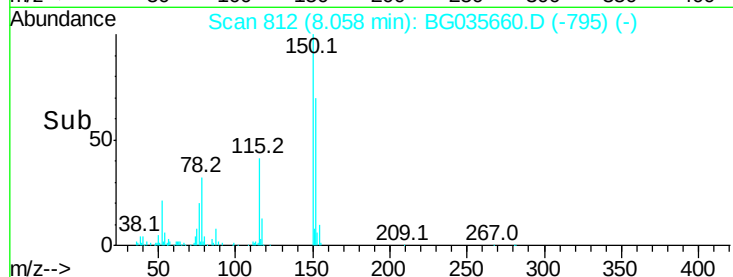
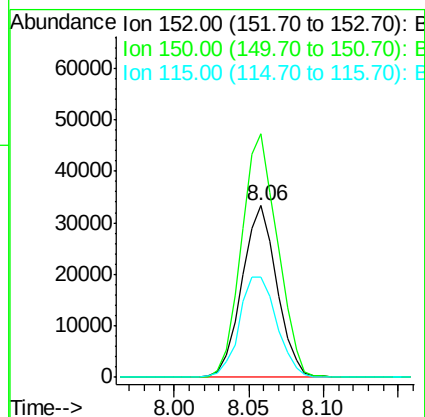
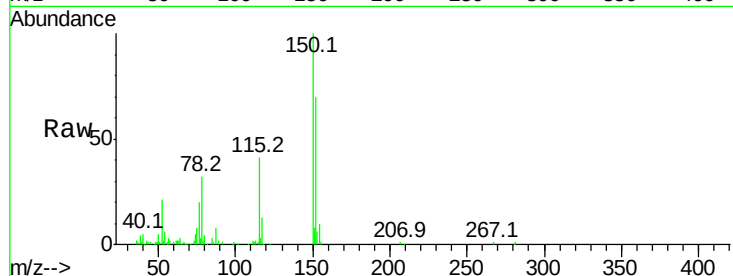


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035660.D
Acq: 14 Jul 2018 10:58

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1

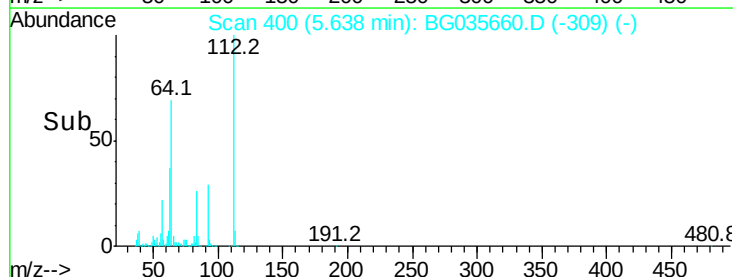
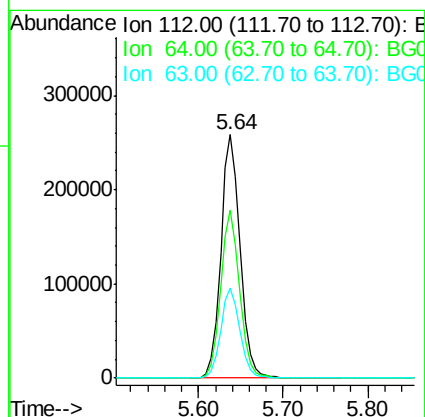
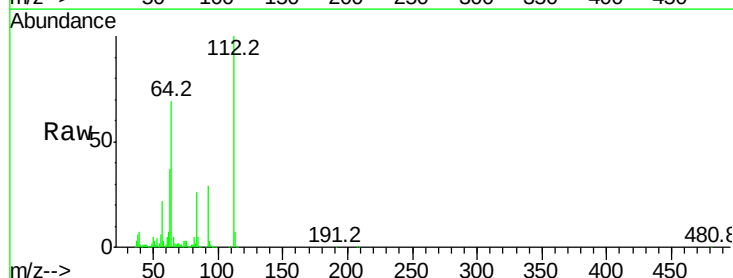
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	58.7	53.0	79.4

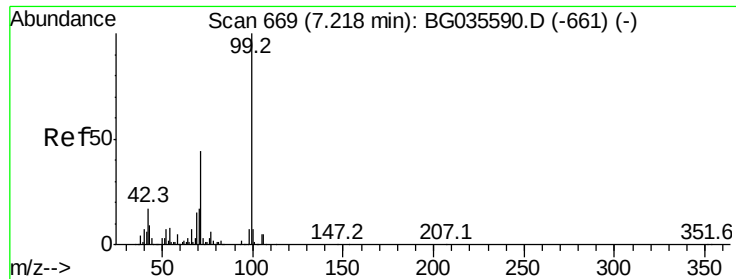


#5

2-Fluorophenol
Concen: 125.926 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035660.D
Acq: 14 Jul 2018 10:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.3	84.5
63	36.9	30.1	45.1





#7

Phenol-d6

Concen: 108.174 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1

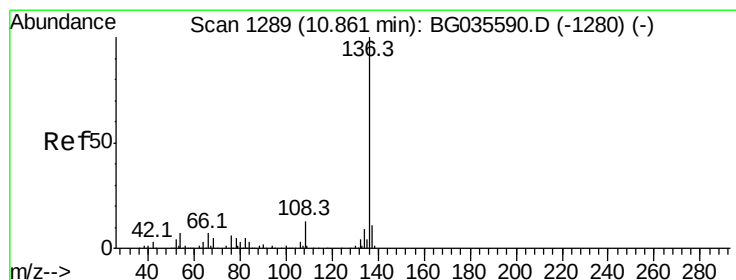
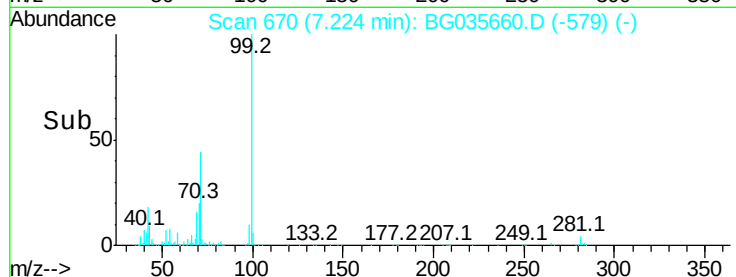
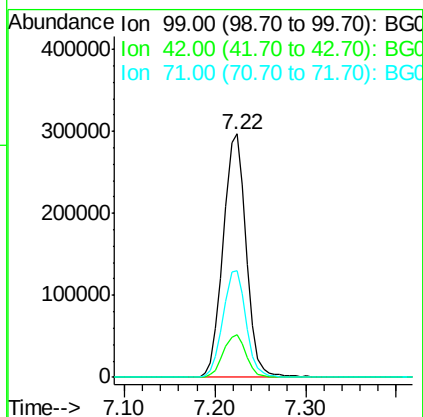
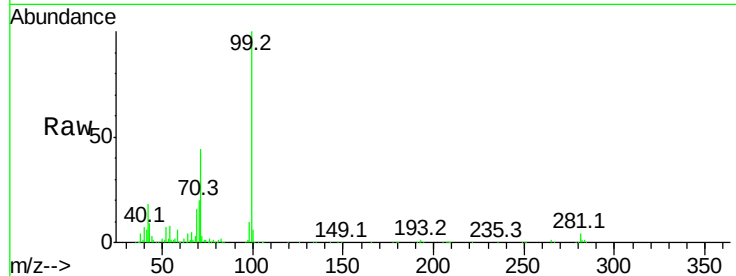
Tot Ion: 99 Resp: 523562

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 43.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

Tgt Ion: 136 Resp: 203776

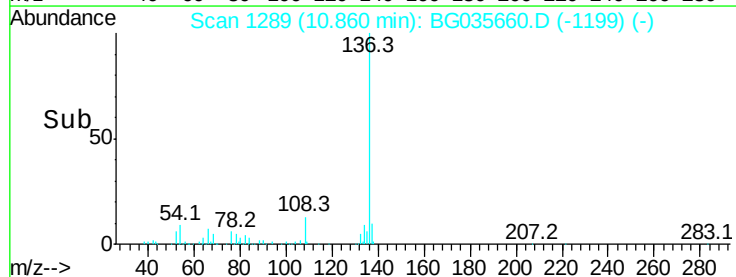
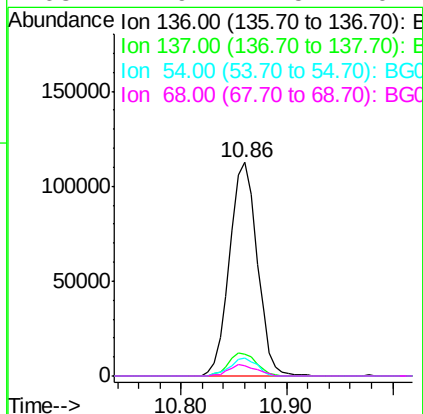
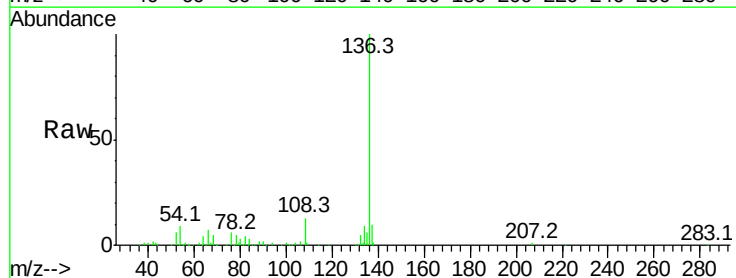
Ion Ratio Lower Upper

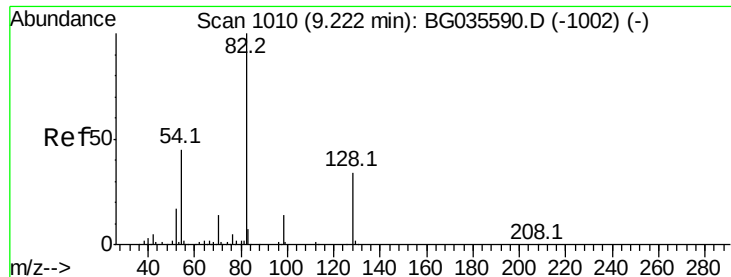
136 100

137 10.5 9.2 13.8

54 8.5 10.3 15.5#

68 4.9 4.5 6.7

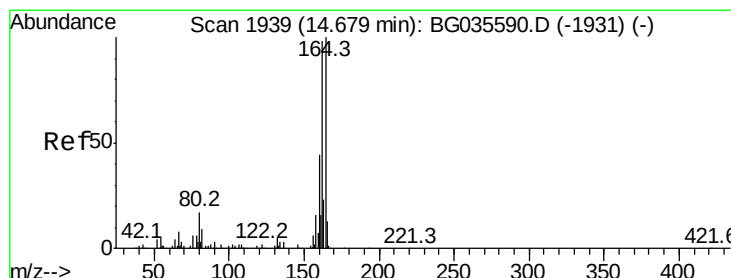
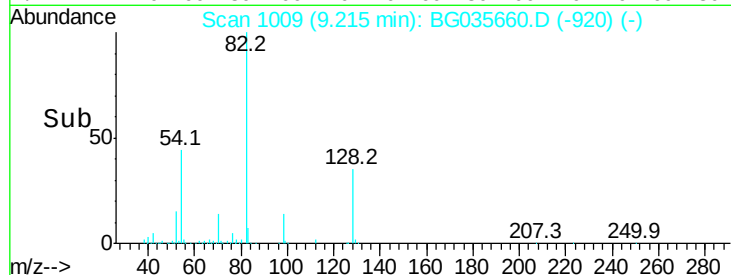
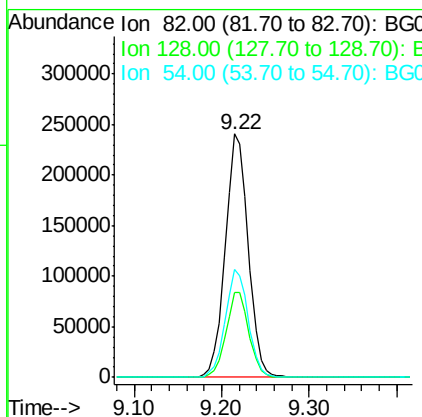
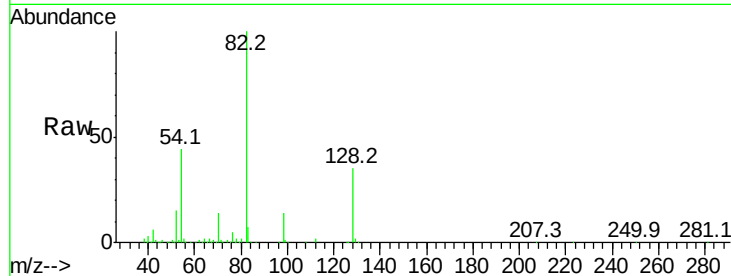




#23
 Nitrobenzene-d5
 Concen: 88.639 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035660.D
 Acq: 14 Jul 2018 10:58

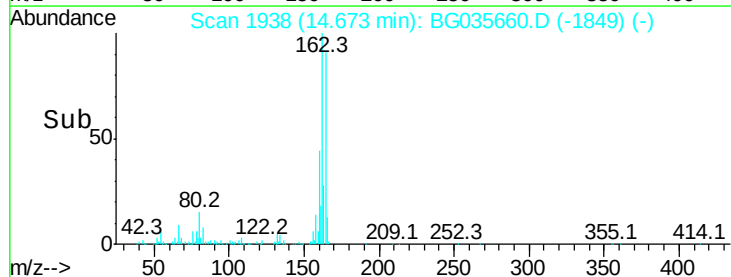
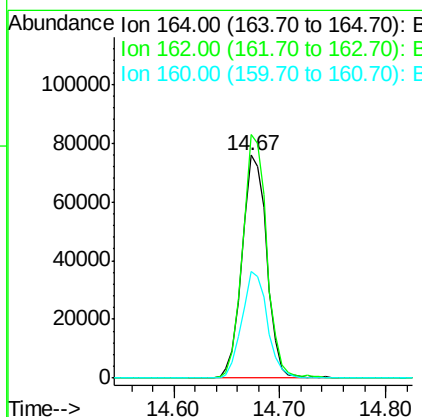
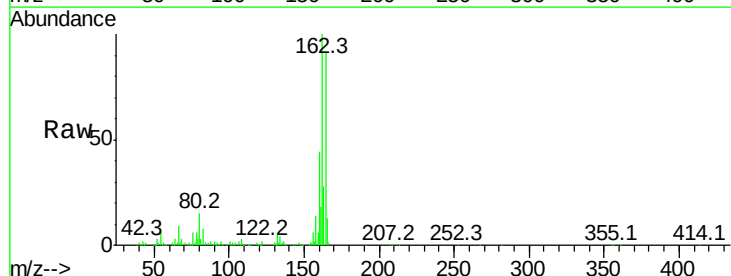
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1

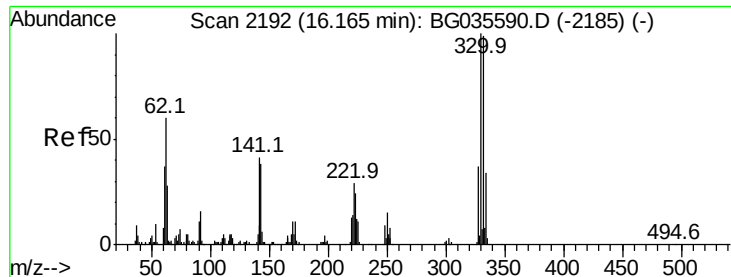
Tot Ion	82	Resp	432381
Ion Ratio	100	Lower	Upper
128	34.7	29.7	44.5
54	44.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035660.D
 Acq: 14 Jul 2018 10:58

Tgt Ion	164	Resp	122740
Ion Ratio	100	Lower	Upper
162	109.3	78.8	118.2
160	47.6	35.4	53.0

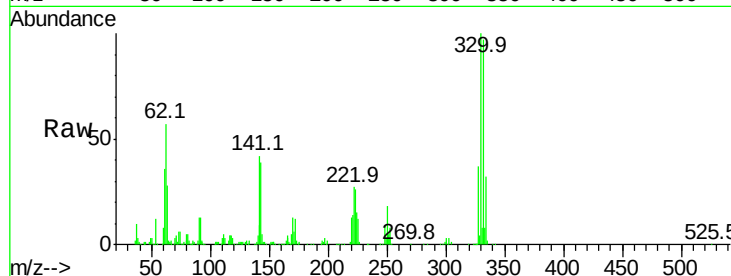




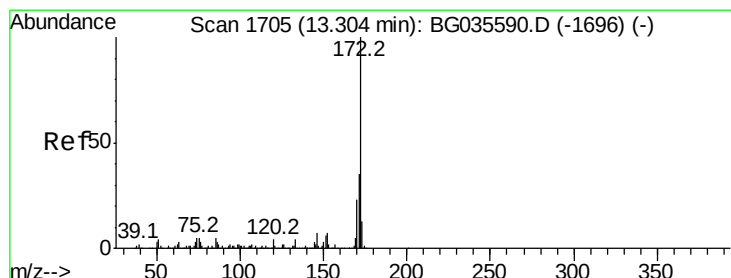
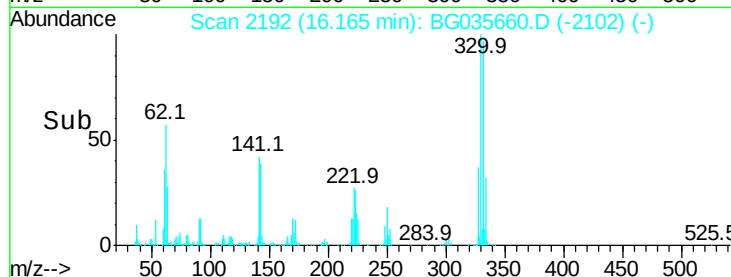
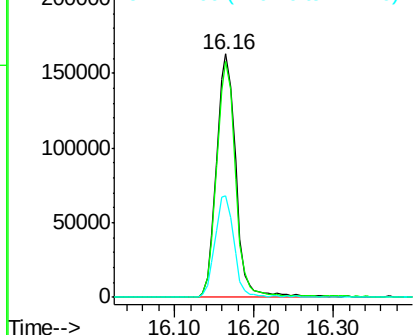
#41
 2,4,6-Tribromophenol
 Concen: 171.704 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035660.D
 Acq: 14 Jul 2018 10:58

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1

Tot Ion:330 Resp: 277781
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 40.4 25.2 37.8#

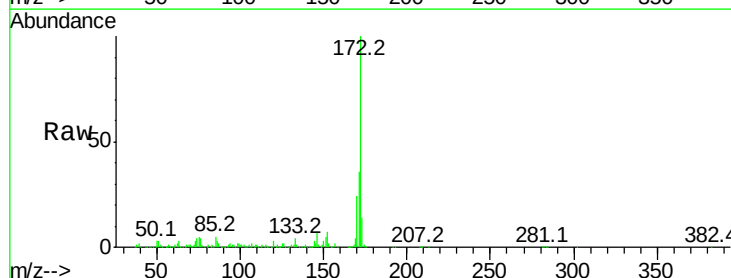


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

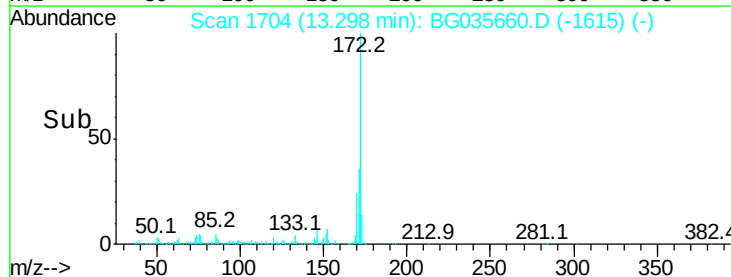
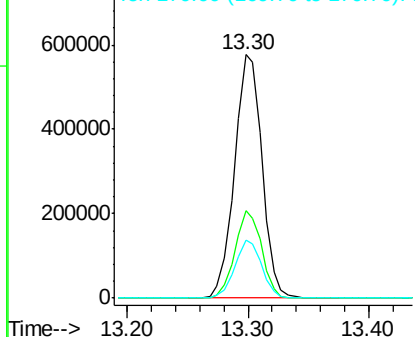


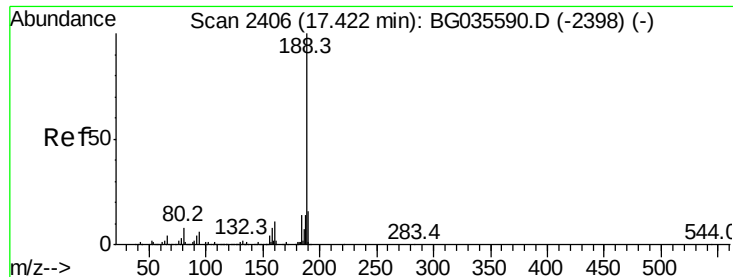
#44
 2-Fluorobiphenyl
 Concen: 99.687 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035660.D
 Acq: 14 Jul 2018 10:58

Tgt Ion:172 Resp: 913280
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.8 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: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1

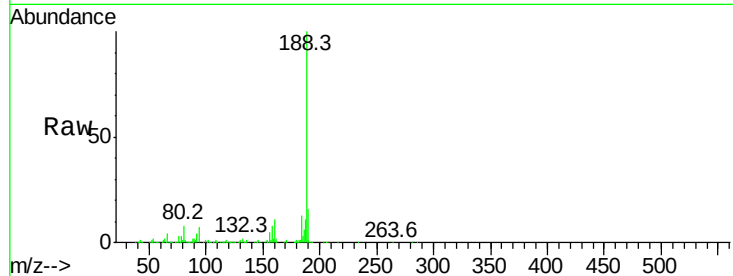
Tot Ion:188 Resp: 384275

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

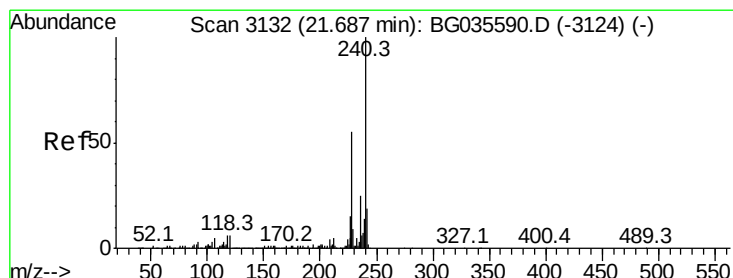
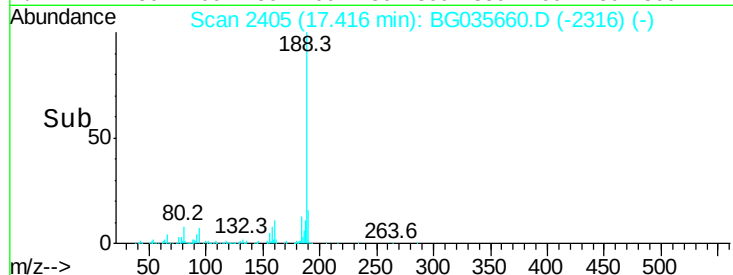
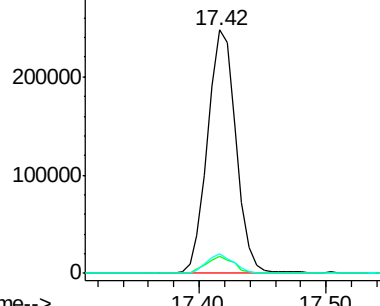
80 7.8 7.7 11.5



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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

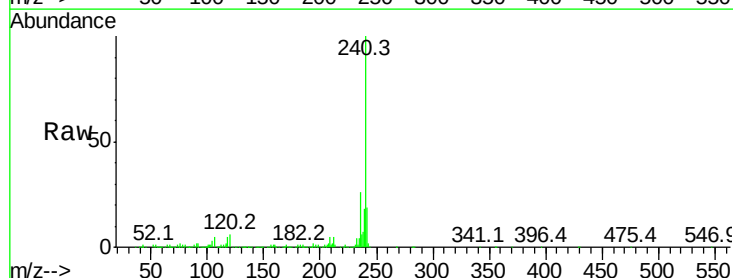
Tgt Ion:240 Resp: 393277

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

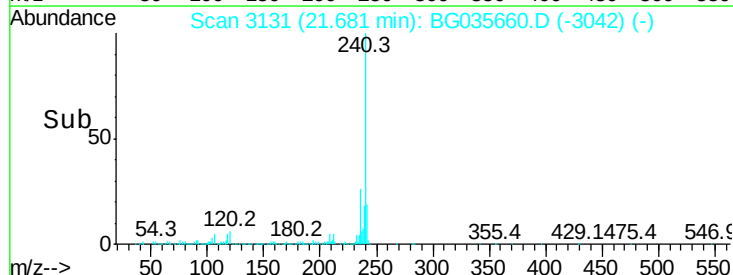
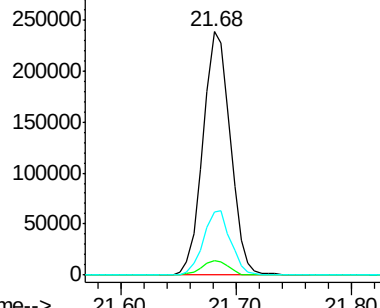
236 25.7 20.9 31.3

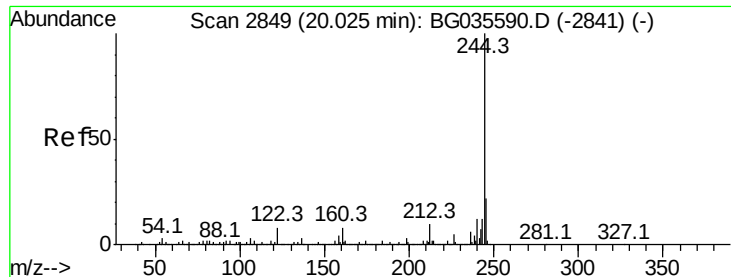


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.491 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1

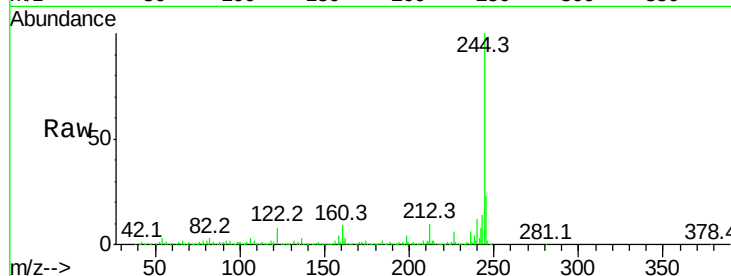
Tot Ion:244 Resp: 1650164

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

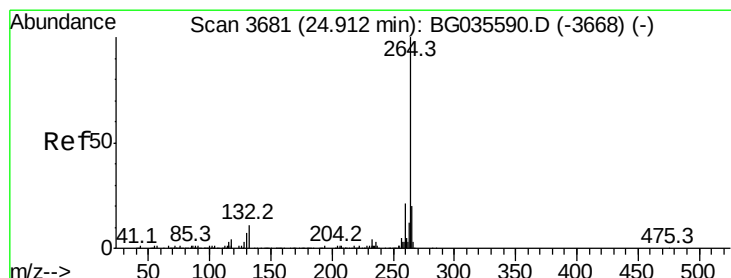
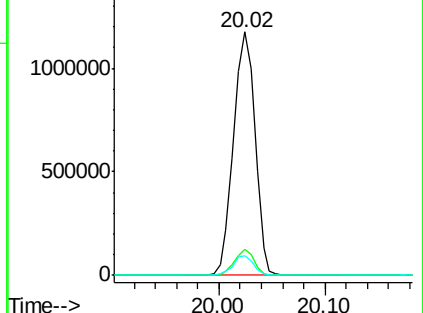
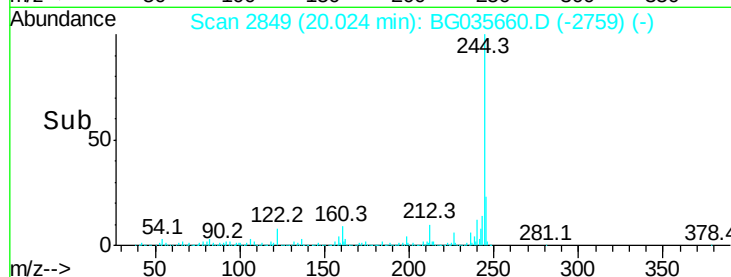
122 8.3 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035660.D

Acq: 14 Jul 2018 10:58

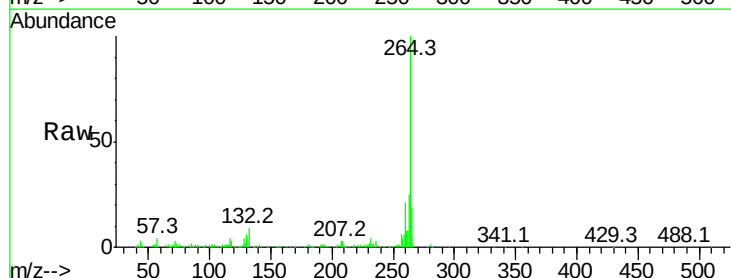
Tgt Ion:264 Resp: 187756

Ion Ratio Lower Upper

264 100

260 21.0 17.4 26.0

265 18.6 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

