

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035658.D
 Acq On : 14 Jul 2018 9:41
 Operator : JU/SJ
 Sample : J3542-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-3

Quant Time: Jul 16 01:16:03 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	8.05	152	50593	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	193902	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	137311	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	386290	20.00	ng	0.00
75) Chrysene-d12	21.68	240	420374	20.00	ng	0.00
86) Perylene-d12	24.91	264	388348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	388221	127.40	ng	0.00
7) Phenol-d6	7.22	99	522700	114.97	ng	0.00
23) Nitrobenzene-d5	9.22	82	422007	90.92	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	270313	149.36	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	915360	89.31	ng	0.00
78) Terphenyl-d14	20.02	244	1738099	91.14	ng	0.00

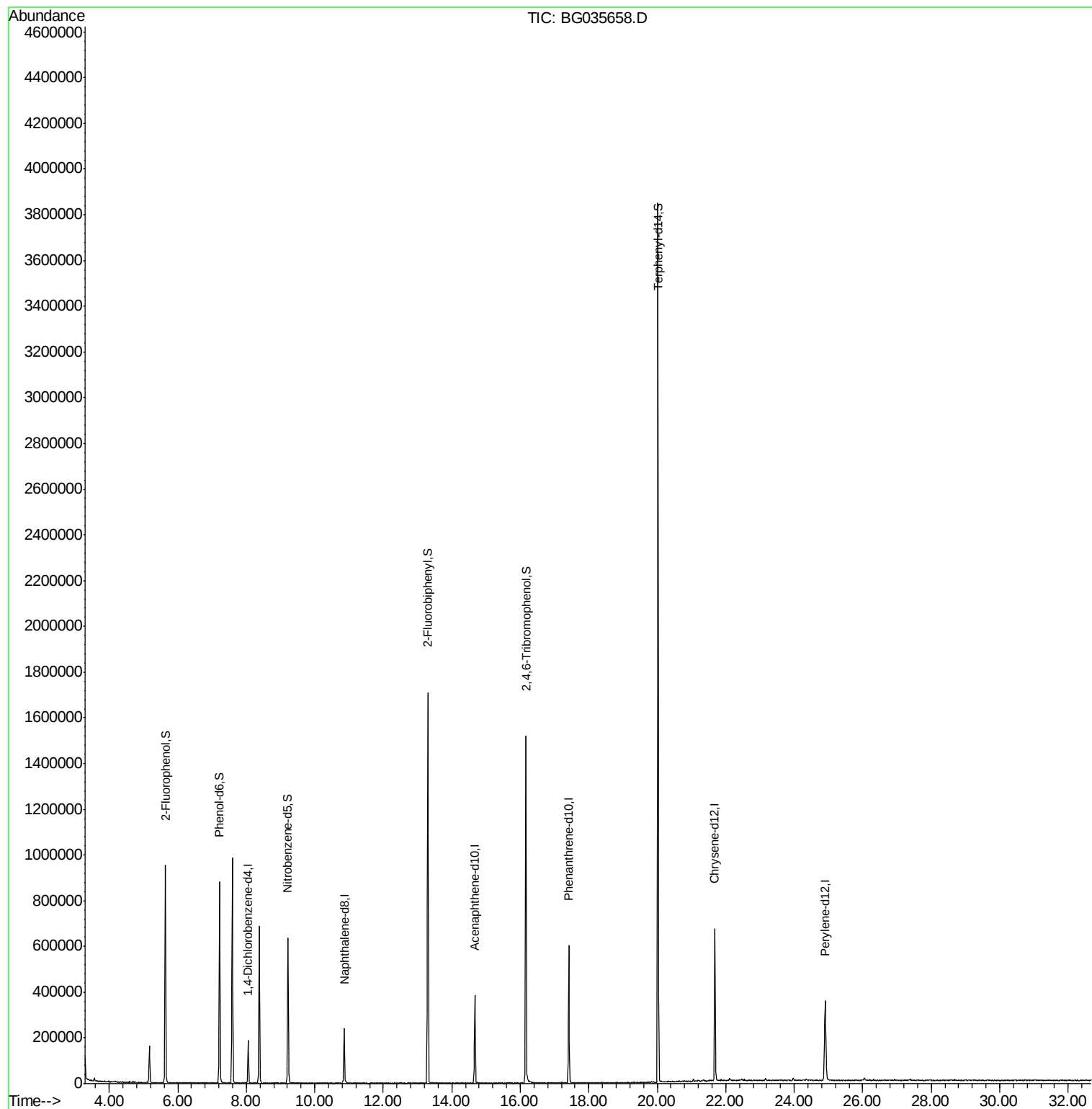
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035658.D
Acq On : 14 Jul 2018 9:41
Operator : JU/SJ
Sample : J3542-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-3

Quant Time: Jul 16 01:16:03 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



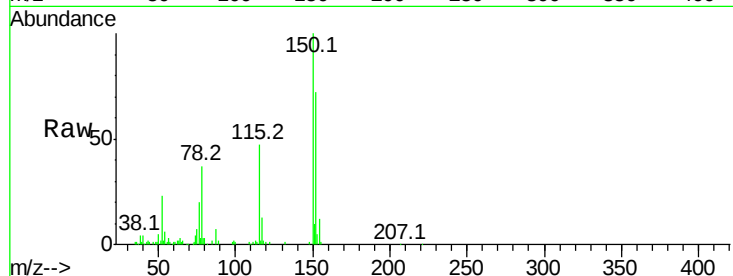


#1

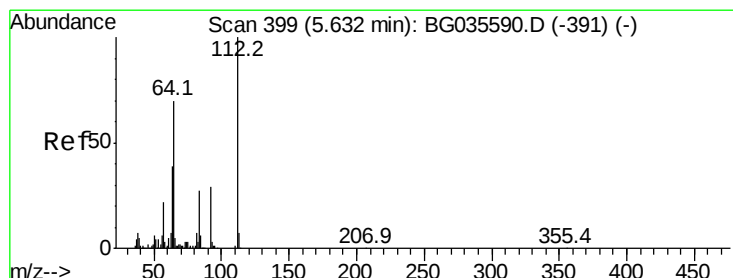
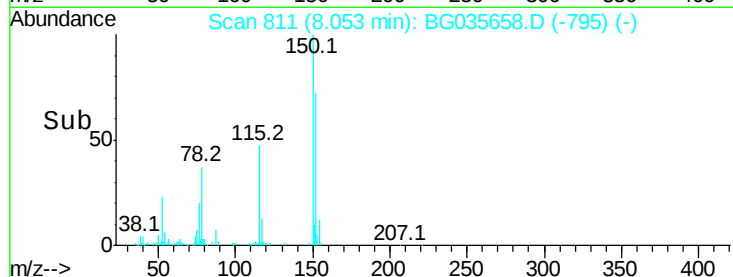
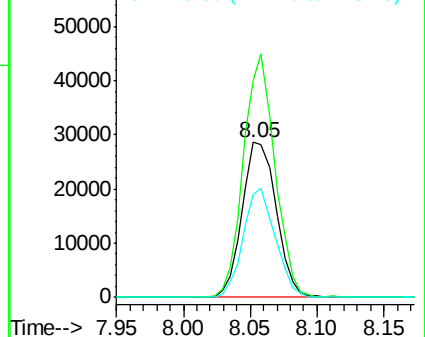
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035658.D
Acq: 14 Jul 2018 9:41

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.5	126.6	189.8
115	65.9	53.0	79.4



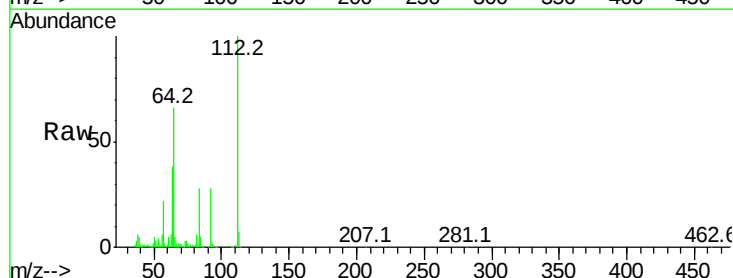
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



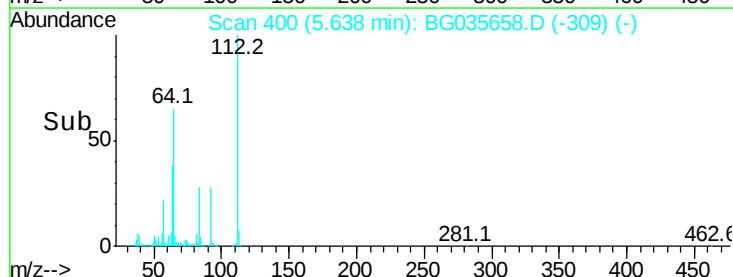
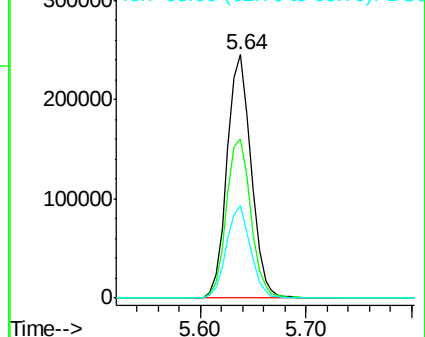
#5

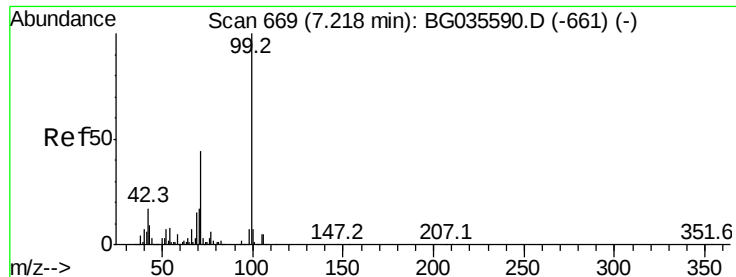
2-Fluorophenol
Concen: 127.397 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035658.D
Acq: 14 Jul 2018 9:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	37.9	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: 114.965 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-3

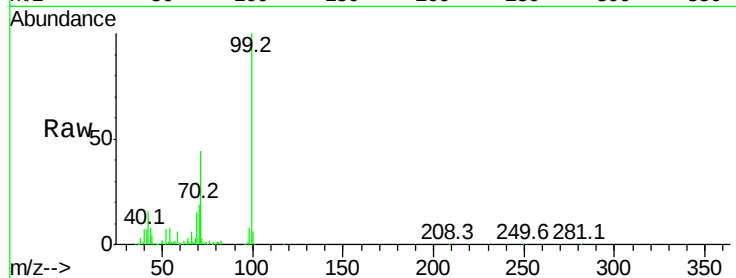
Tot Ion: 99 Resp: 522700

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

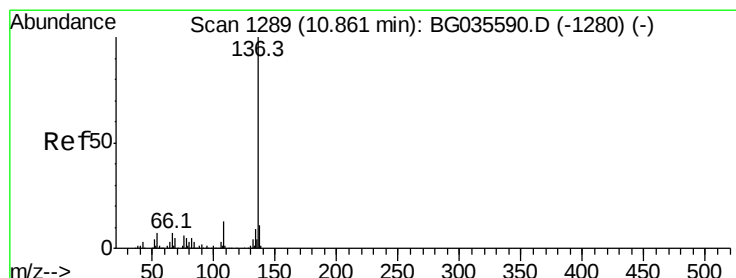
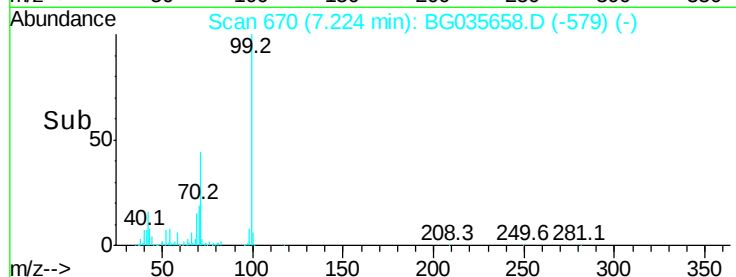
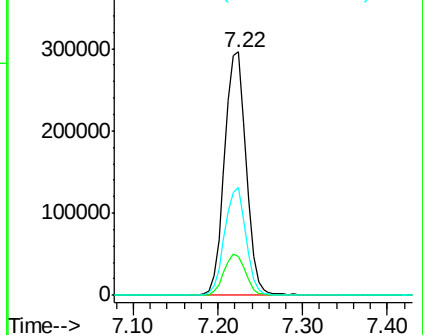
71 44.5 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

Tgt Ion:136 Resp: 193902

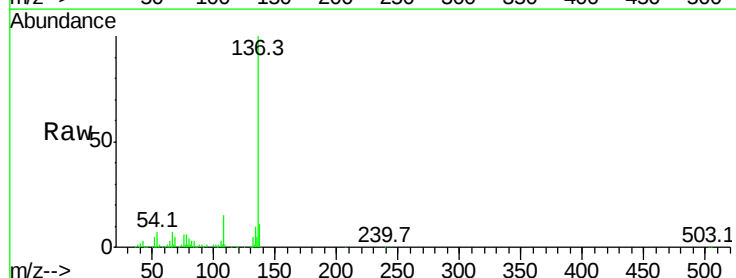
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 10.3 15.5#

68 5.0 4.5 6.7

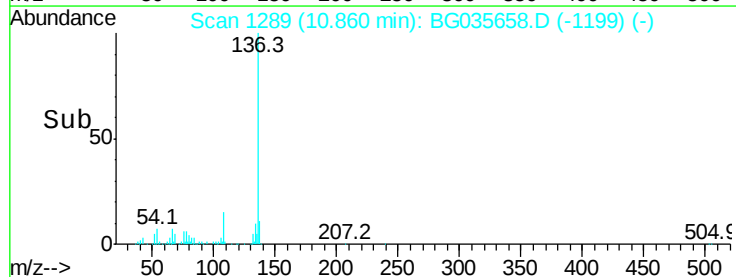
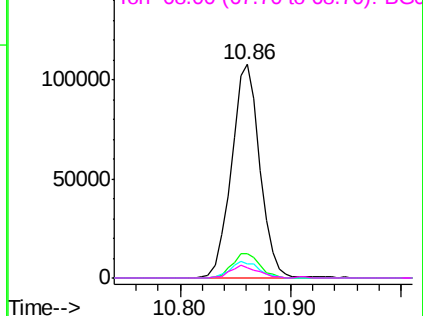


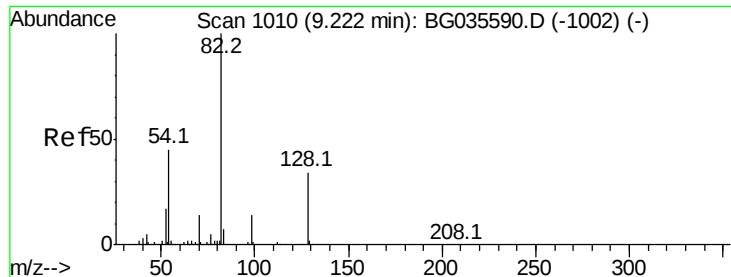
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

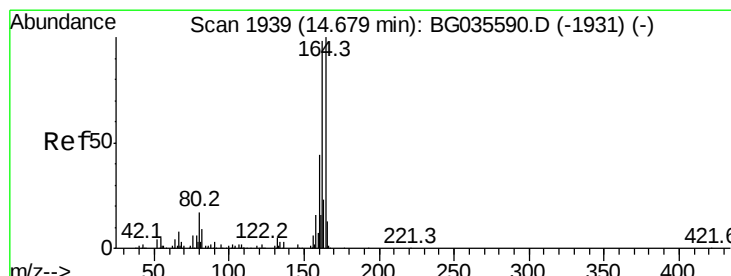
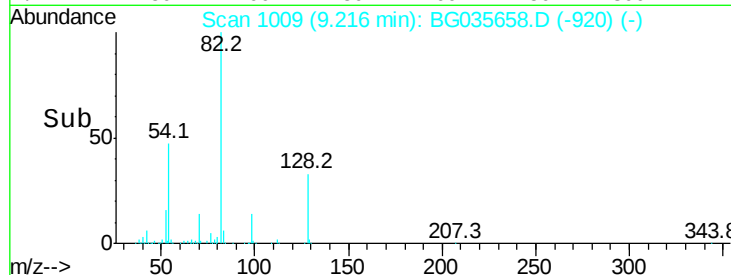
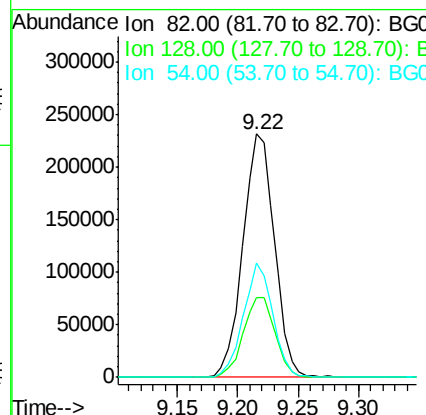
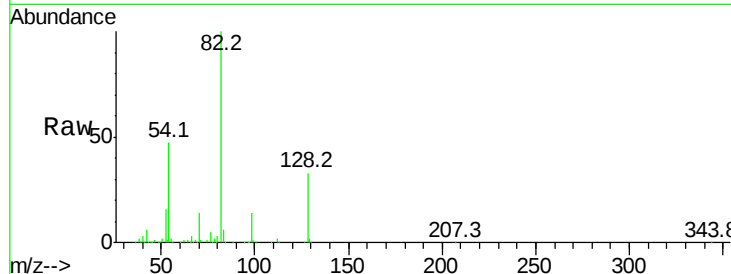




#23
Nitrobenzene-d5
Concen: 90.918 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035658.D
Acq: 14 Jul 2018 9:41

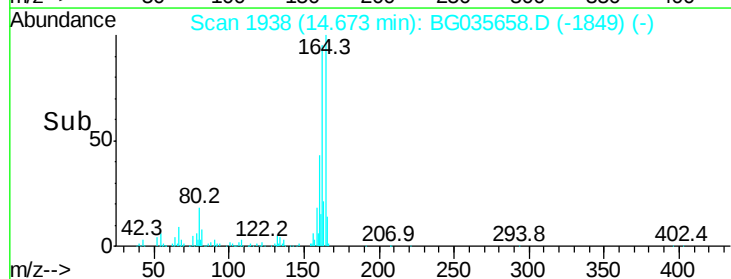
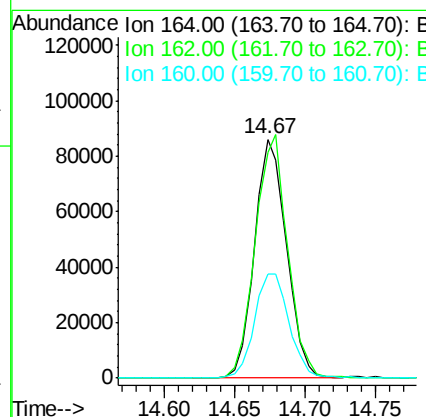
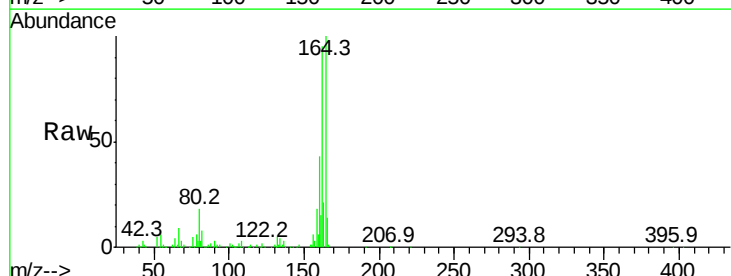
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-3

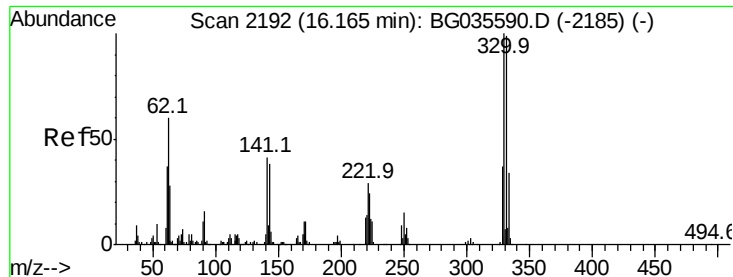
Tot Ion	82	Resp	422007
Ion Ratio	Lower	Upper	
82	100		
128	32.9	29.7	44.5
54	47.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035658.D
Acq: 14 Jul 2018 9:41

Tgt Ion	164	Resp	137311
Ion Ratio	Lower	Upper	
164	100		
162	94.5	78.8	118.2
160	43.4	35.4	53.0

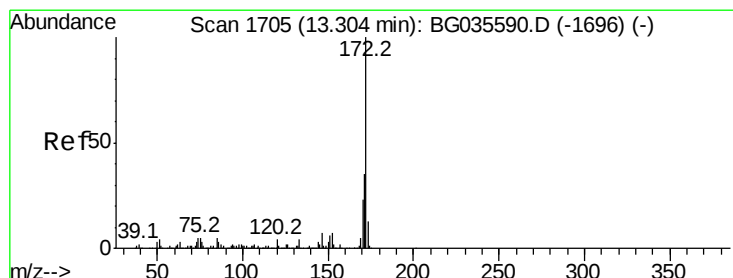
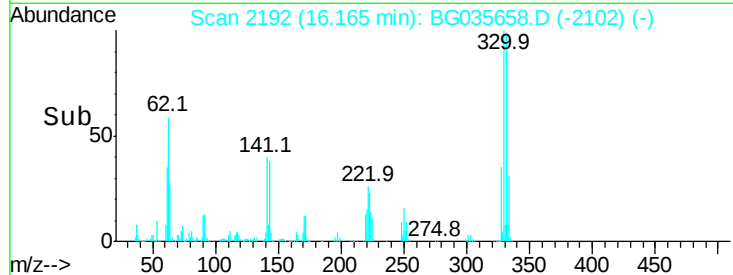
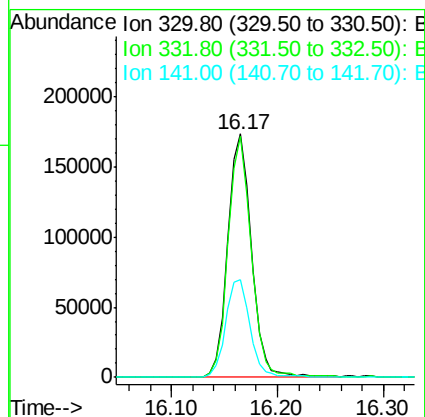
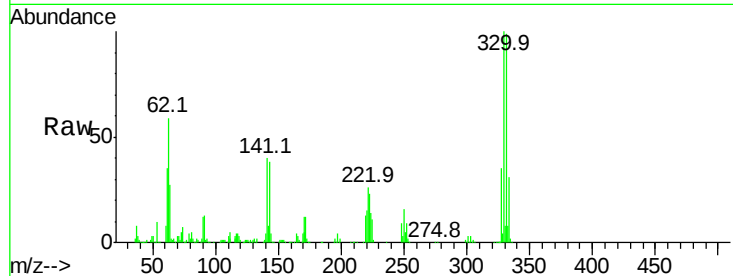




#41
 2,4,6-Tribromophenol
 Concen: 149.357 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035658.D
 Acq: 14 Jul 2018 9:41

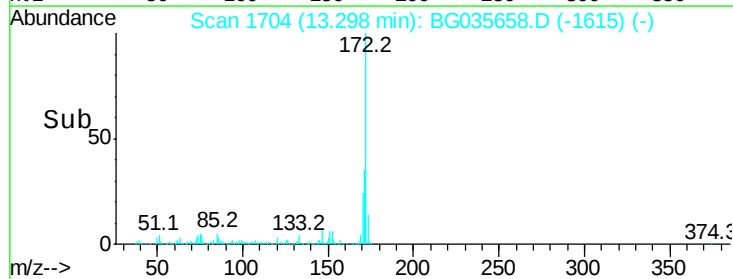
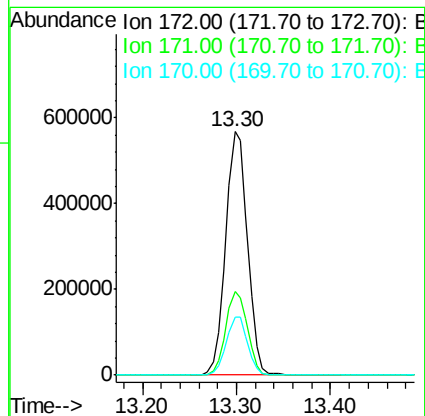
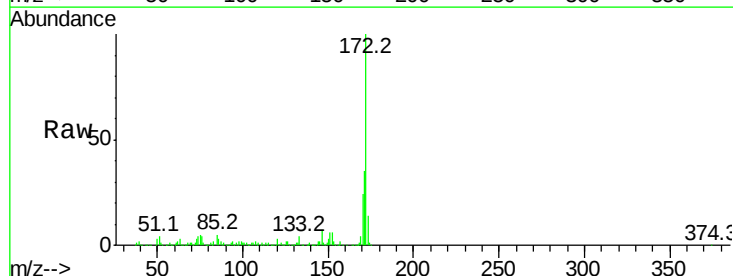
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-3

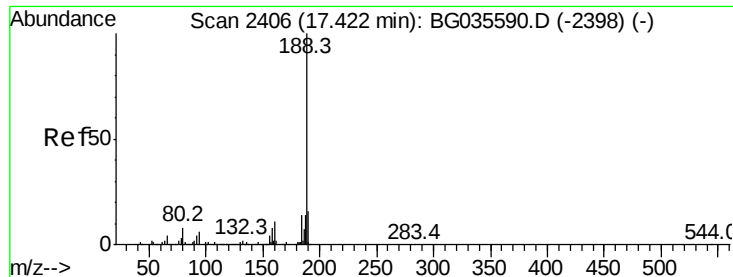
Tot Ion:330 Resp: 270313
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 41.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.312 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035658.D
 Acq: 14 Jul 2018 9:41

Tgt Ion:172 Resp: 915360
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-3

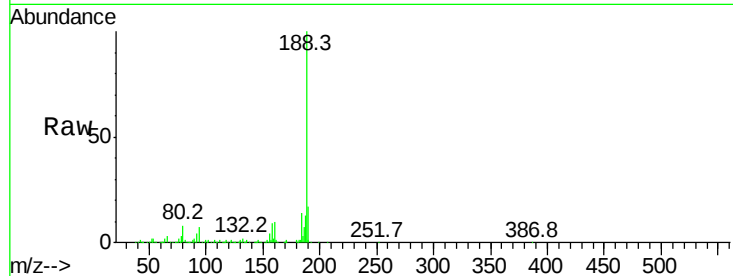
Tot Ion:188 Resp: 386290

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

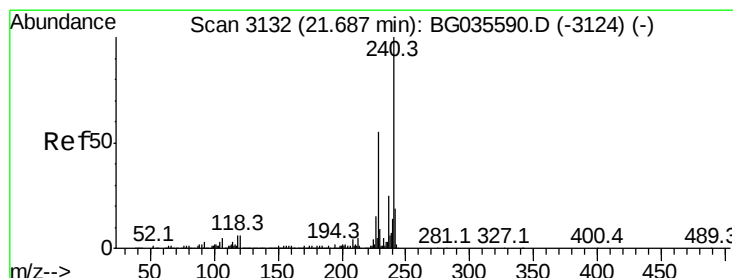
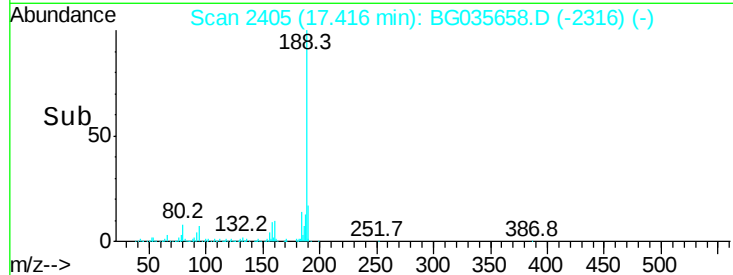
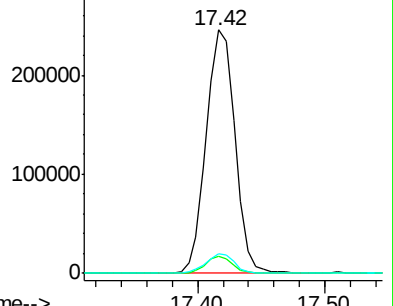
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

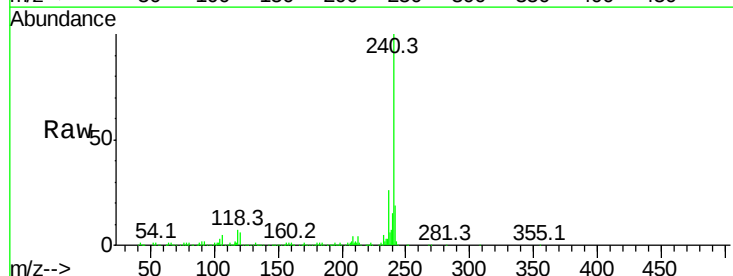
Tgt Ion:240 Resp: 420374

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

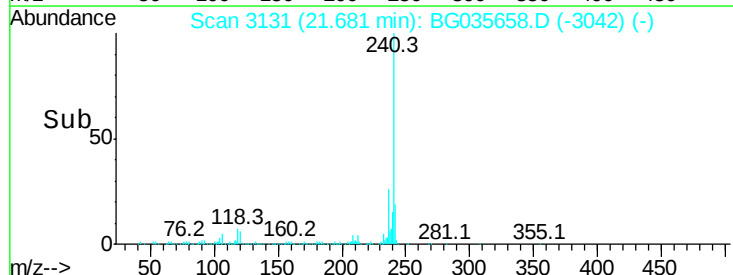
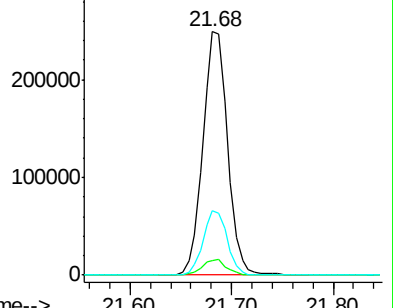
236 26.4 20.9 31.3

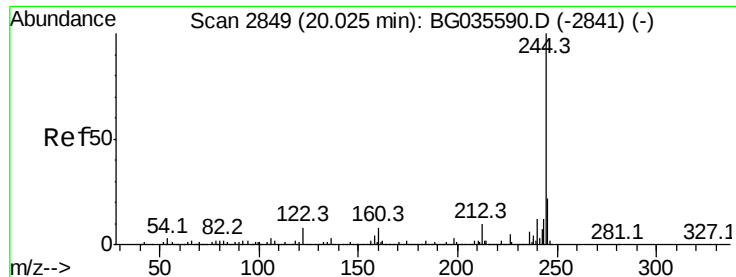


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.140 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-3

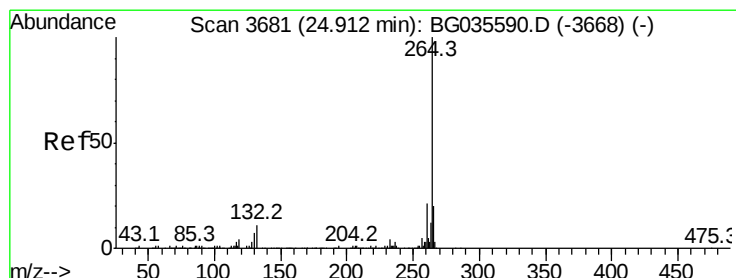
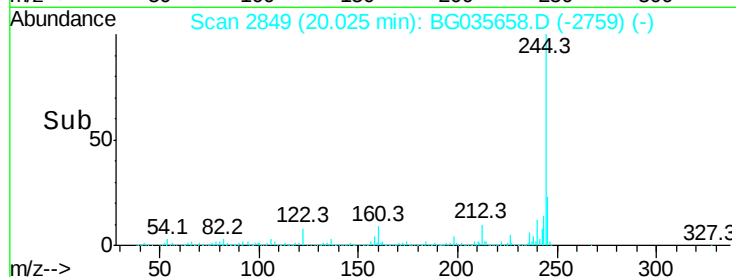
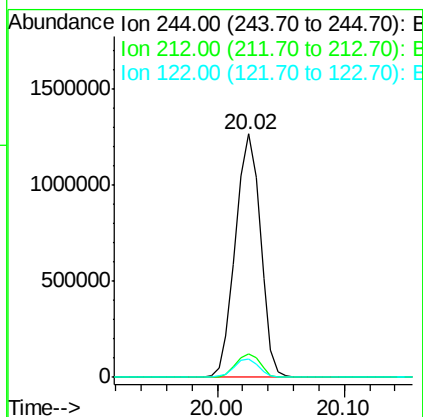
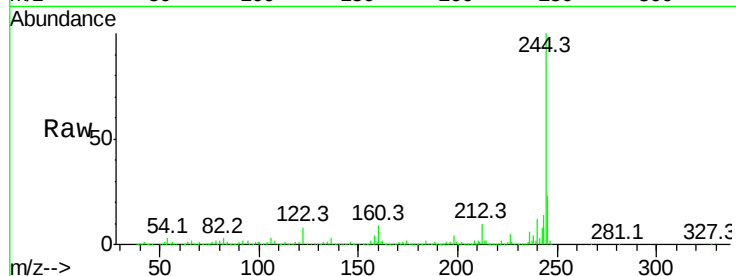
Tot Ion:244 Resp: 1738099

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.7	7.0	10.4

244 100

212 9.8 5.8 8.8#

122 7.7 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035658.D

Acq: 14 Jul 2018 9:41

Tgt Ion:264 Resp: 388348

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.1	17.7	26.5

264 100

260 23.5 17.4 26.0

265 23.1 17.7 26.5

