

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035342.D
 Acq On : 22 Jun 2018 20:41
 Operator : JU/SJ
 Sample : J3594-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-3

Quant Time: Jun 22 22:34:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45531	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	156578	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	101289	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	283635	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	347903	20.00	ng	-0.03
86) Perylene-d12	24.90	264	328229	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	363218	134.63	ng	-0.01
7) Phenol-d6	7.21	99	462895	116.25	ng	-0.01
23) Nitrobenzene-d5	9.22	82	382087	115.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	253221	195.29	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	829855	106.51	ng	-0.03
78) Terphenyl-d14	20.03	244	1611094	97.00	ng	-0.02

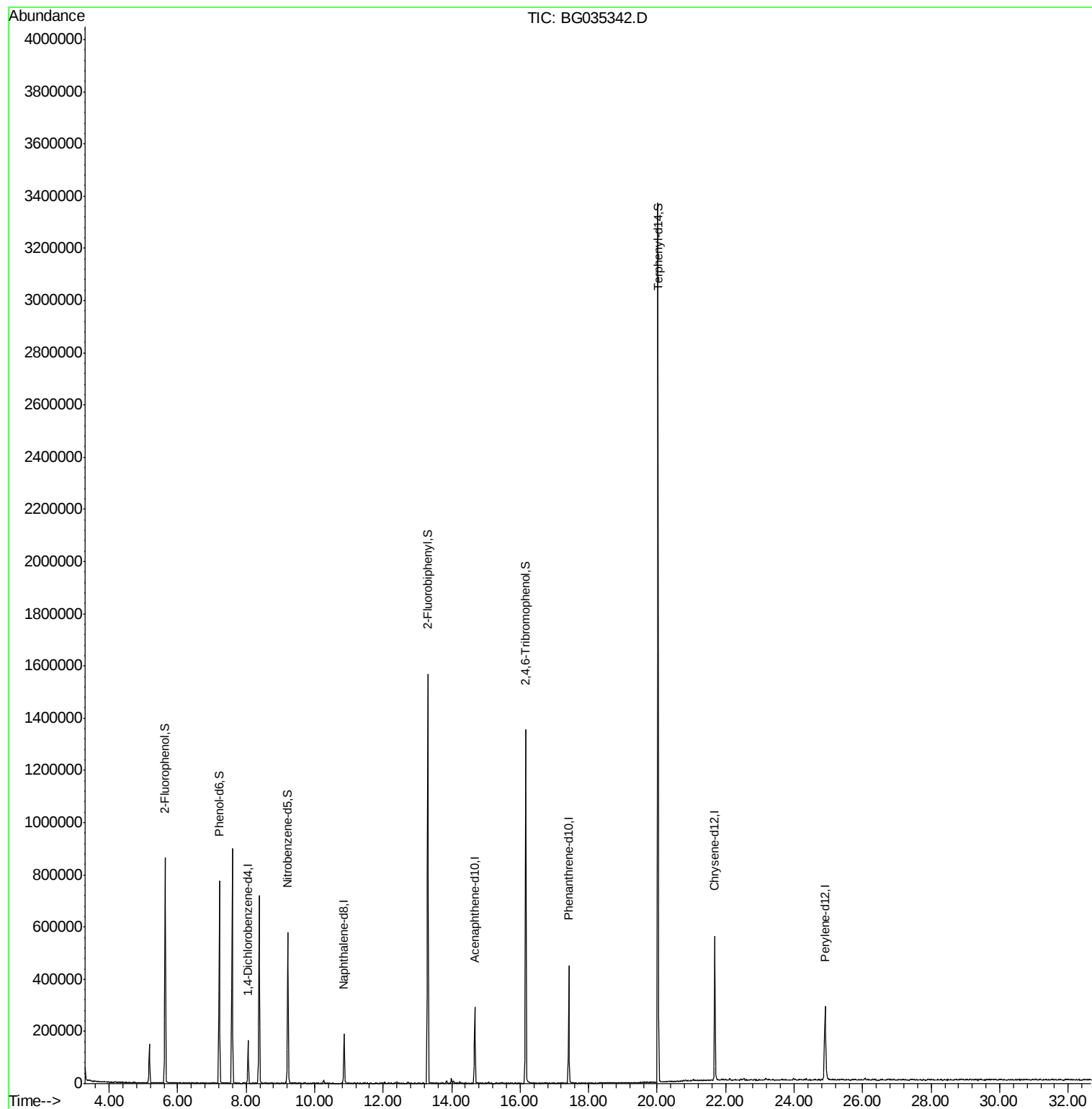
Target Compounds Qvalue

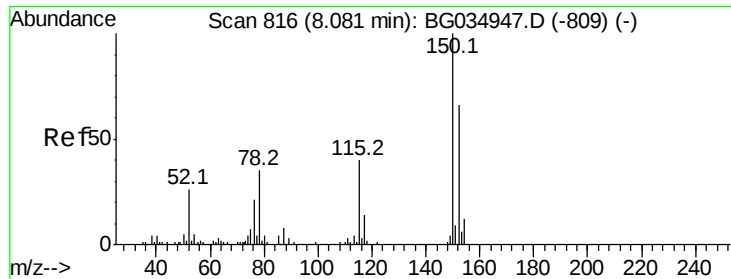
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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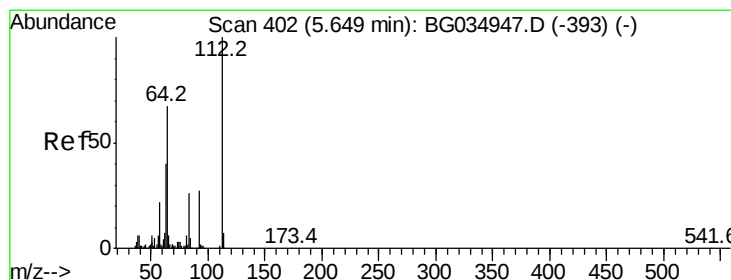
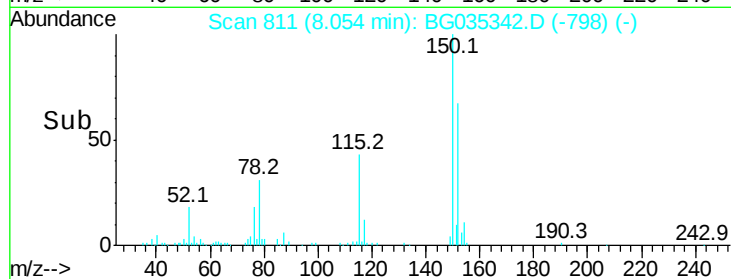
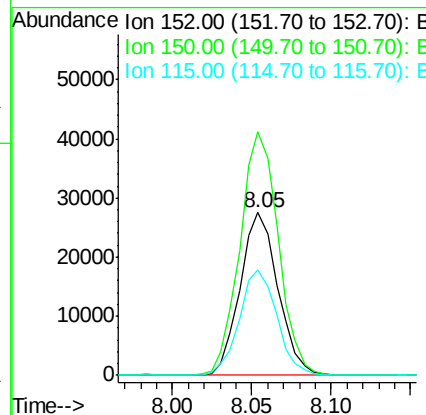
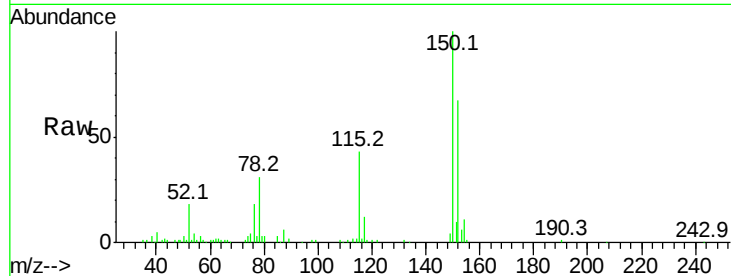


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Instrument :
BNA_G
ClientSampled :
HC-SOIL-3

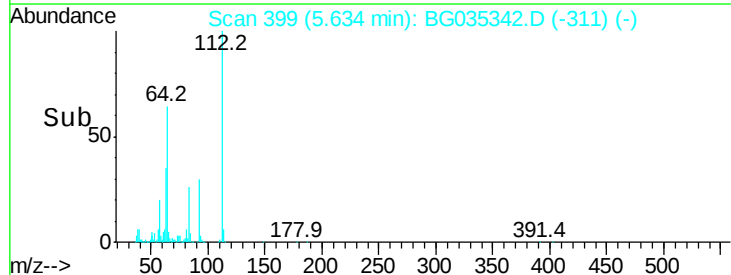
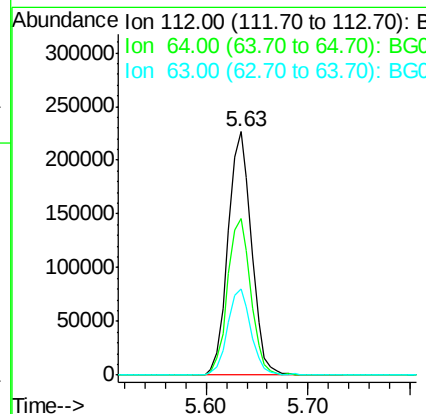
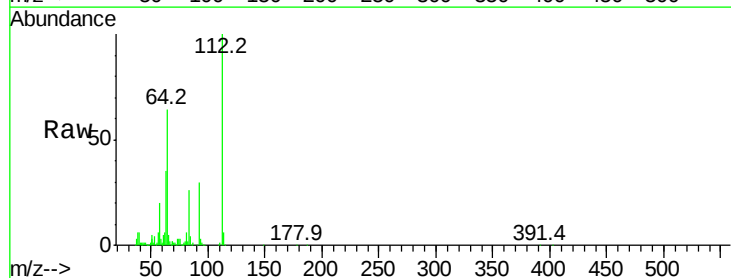
Tot Ion:152 Resp: 45531
Ion Ratio Lower Upper
152 100
150 149.9 126.6 189.8
115 64.7 53.0 79.4

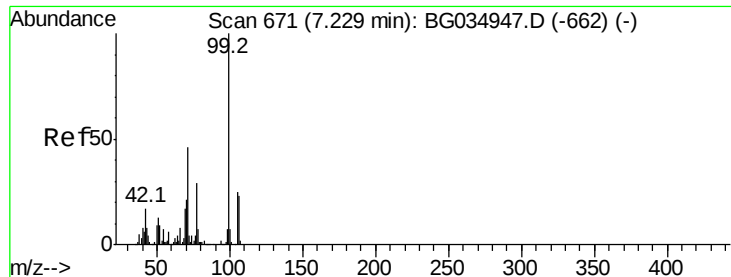


#5

2-Fluorophenol
Concen: 134.627 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Tgt Ion:112 Resp: 363218
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 116.246 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

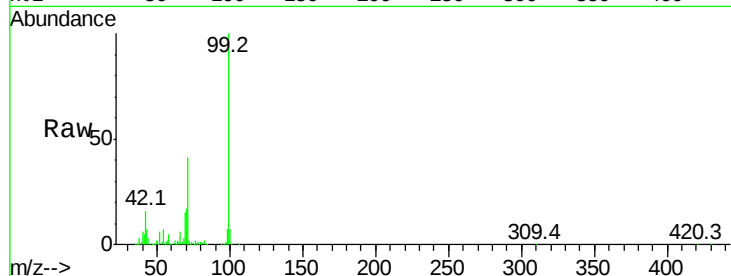
Tot Ion: 99 Resp: 462895

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

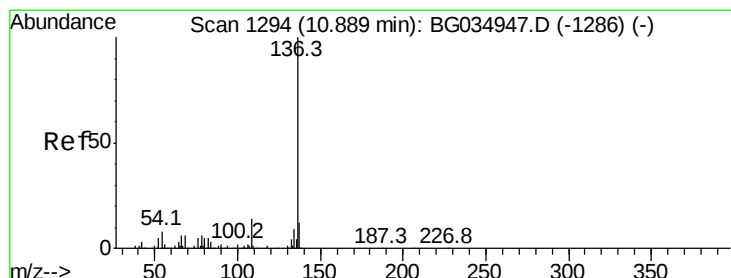
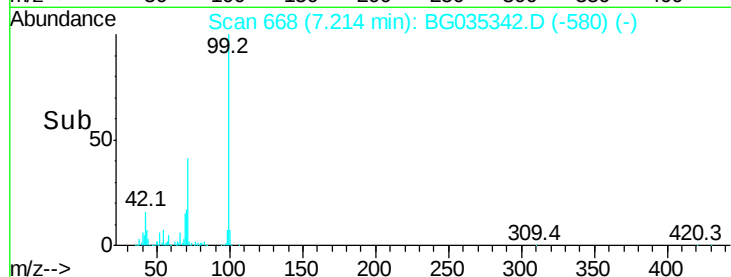
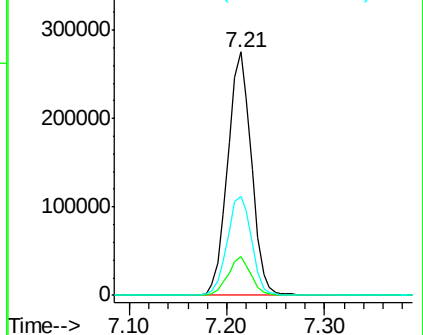
71 40.5 26.1 39.1#



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# 1288

Delta R.T. -0.03 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Tgt Ion: 136 Resp: 156578

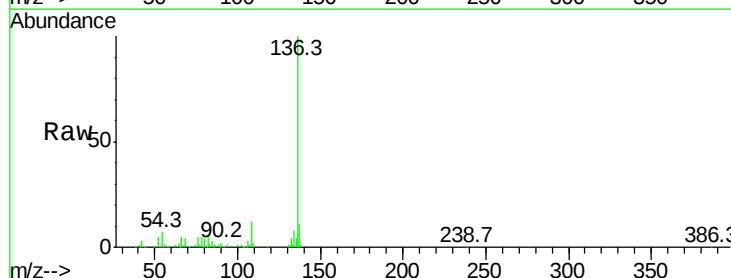
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.6 10.3 15.5#

68 4.1 4.5 6.7#

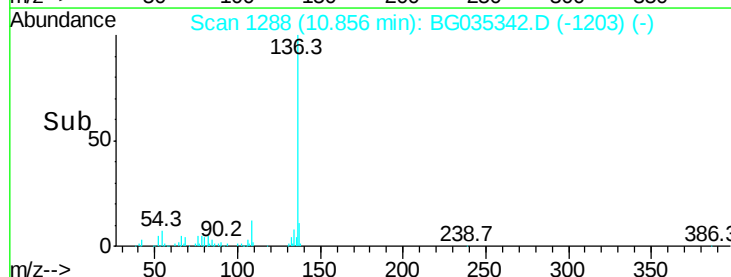
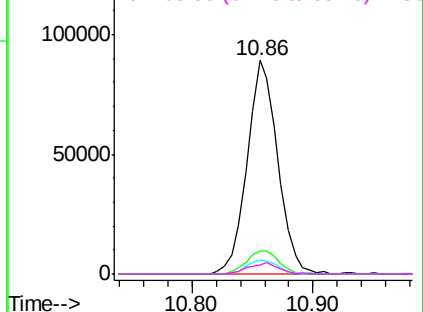


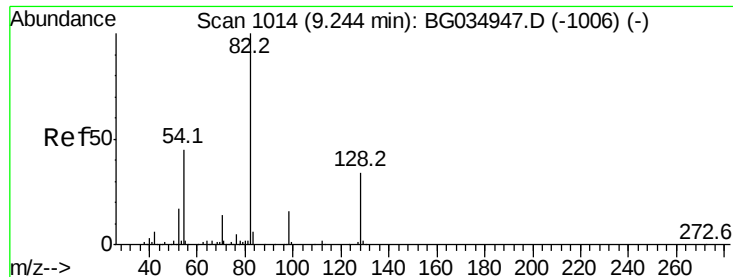
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 115.995 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Instrument :

BNA_G

ClientSampled :

HC-SOIL-3

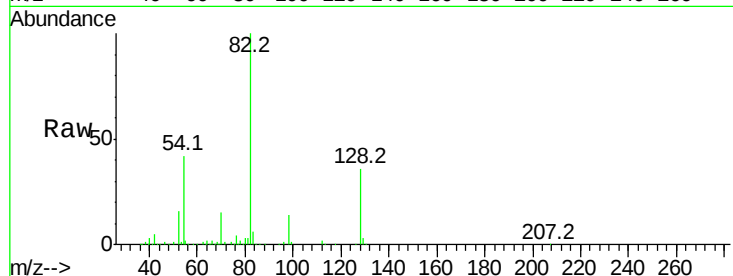
Tot Ion: 82 Resp: 382087

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

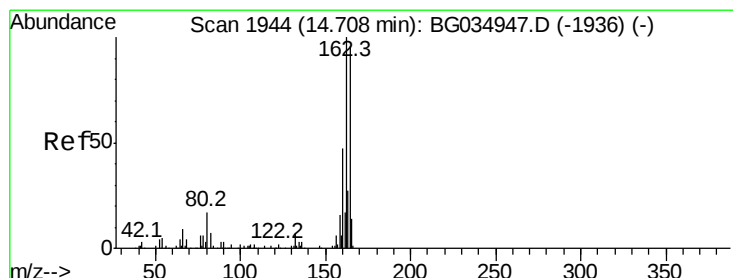
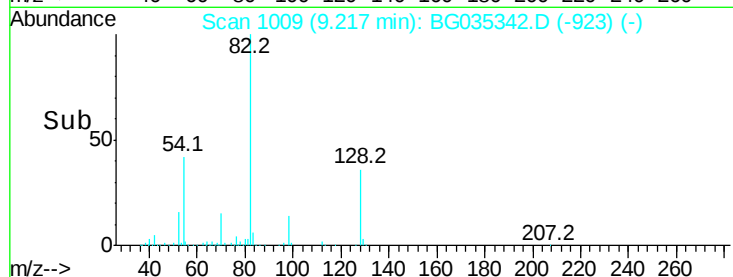
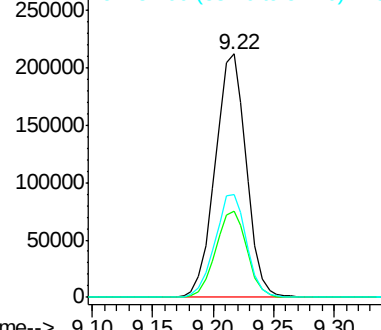
54 42.0 43.1 64.7#



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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

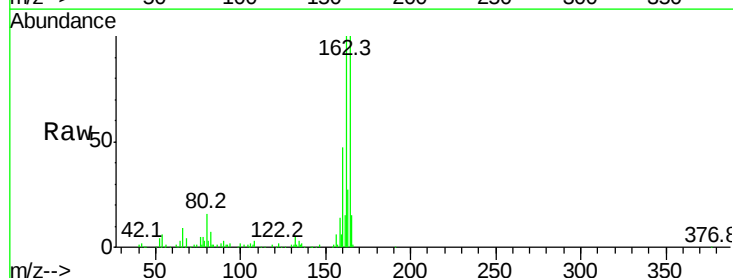
Tgt Ion:164 Resp: 101289

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

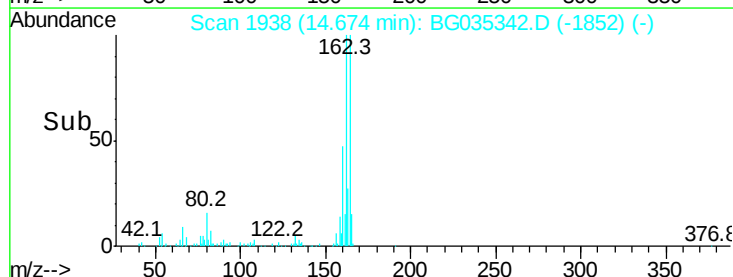
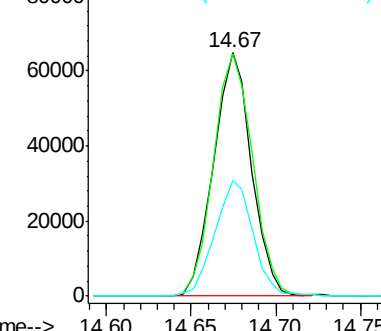
160 47.4 35.4 53.0

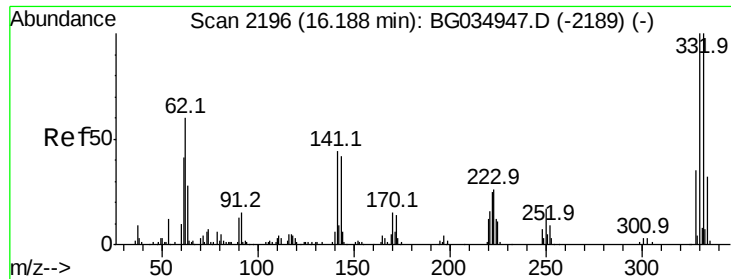


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

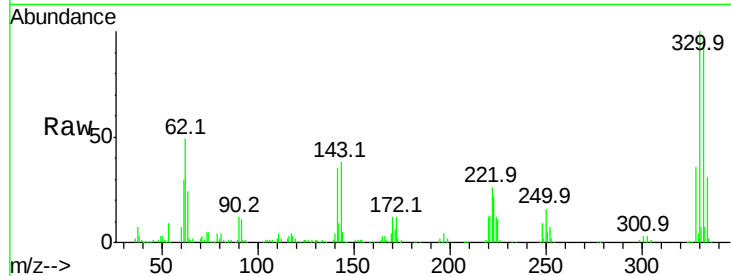




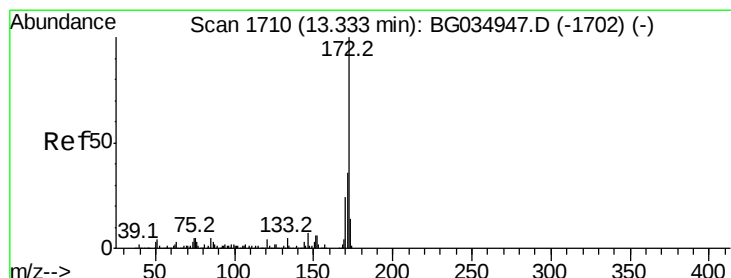
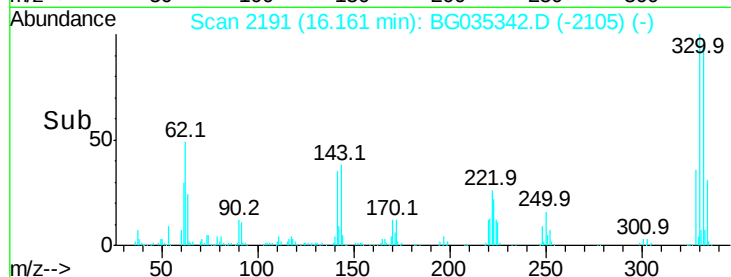
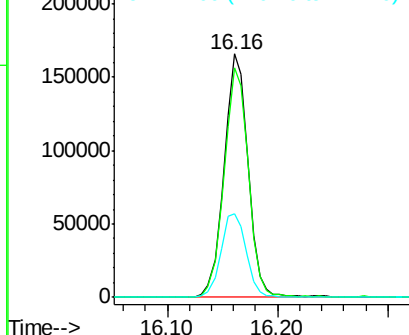
#41
 2,4,6-Tribromophenol
 Concen: 195.292 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035342.D
 Acq: 22 Jun 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-3

Tot Ion:330 Resp: 253221
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 36.2 25.2 37.8

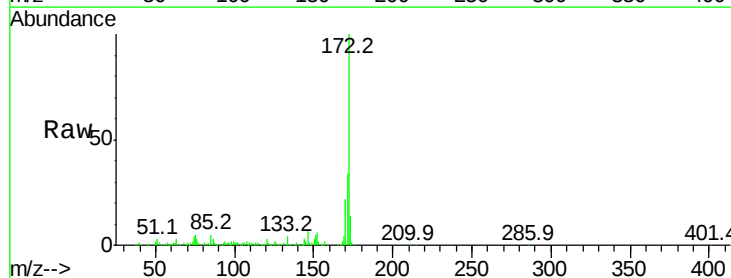


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

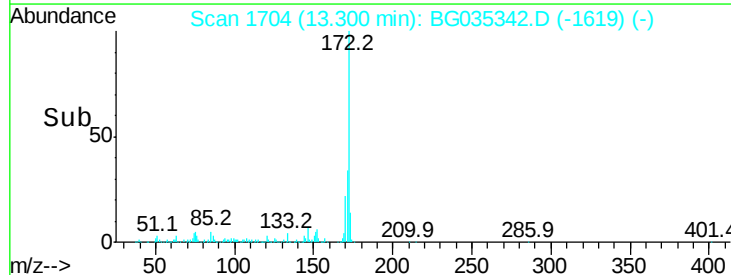
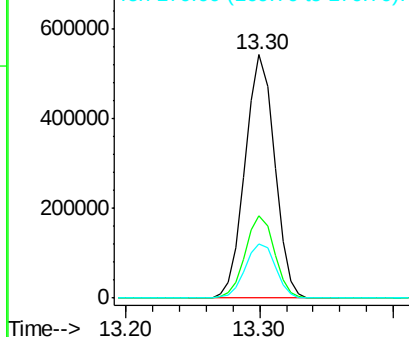


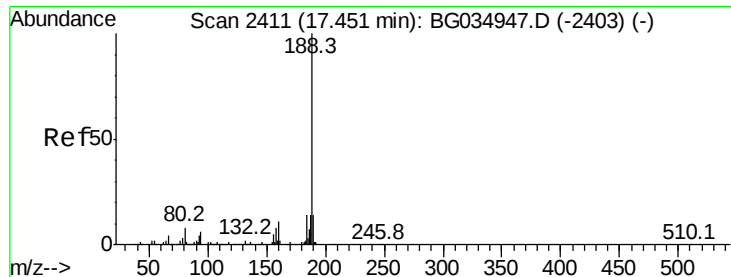
#44
 2-Fluorobiphenyl
 Concen: 106.508 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035342.D
 Acq: 22 Jun 2018 20:41

Tgt Ion:172 Resp: 829855
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 22.1 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. -0.02 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

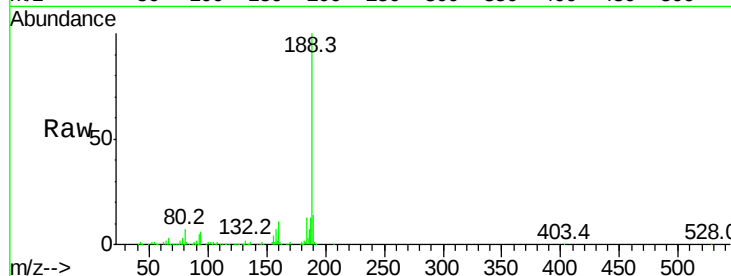
Tot Ion:188 Resp: 283635

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

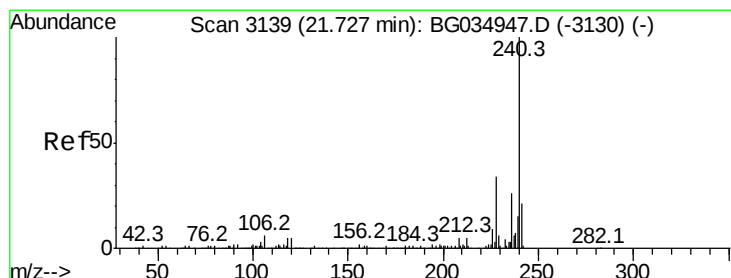
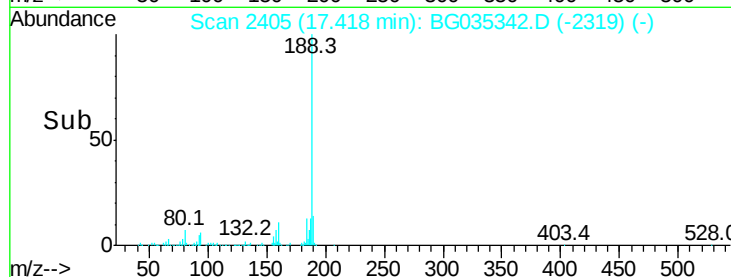
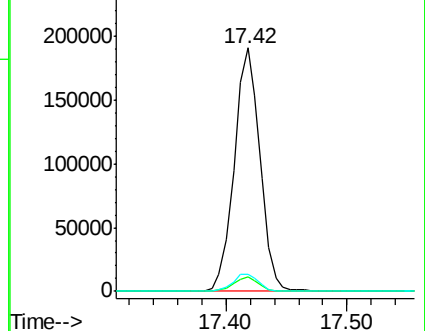
80 6.8 7.7 11.5#



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. -0.03 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

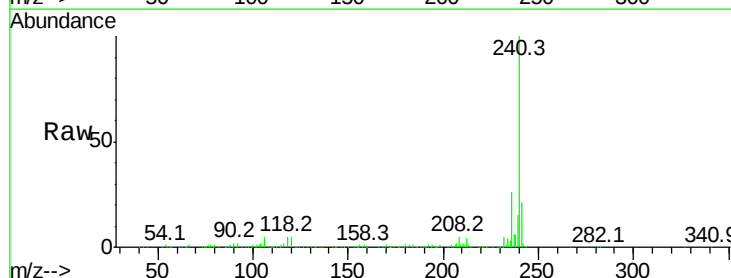
Tgt Ion:240 Resp: 347903

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

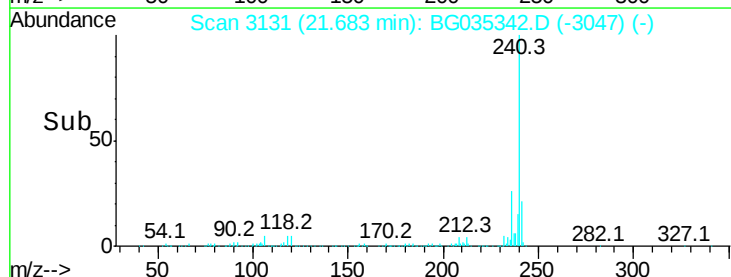
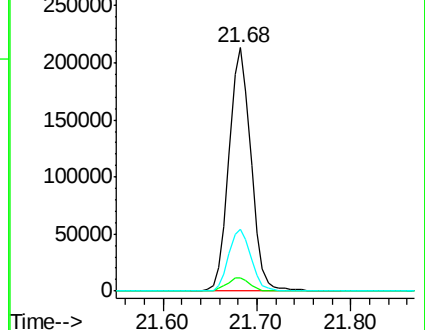
236 25.7 20.9 31.3

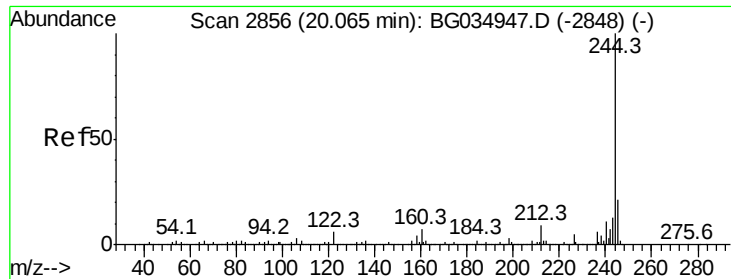


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.002 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

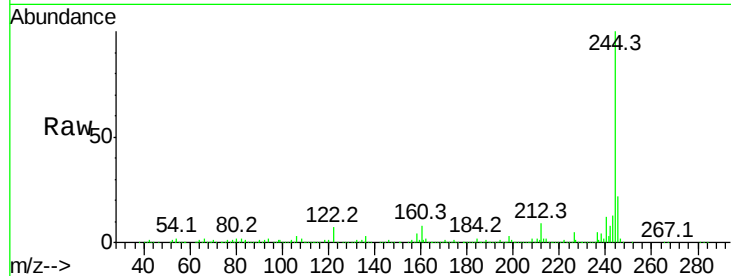
Tot Ion:244 Resp: 1611094

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

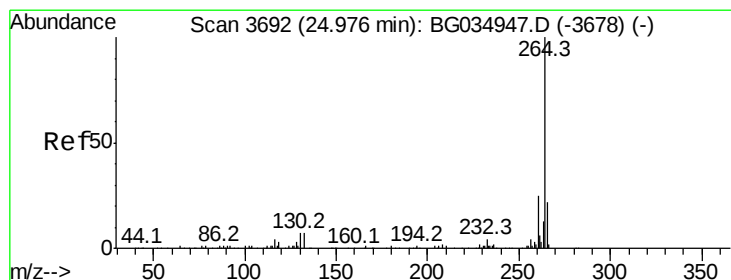
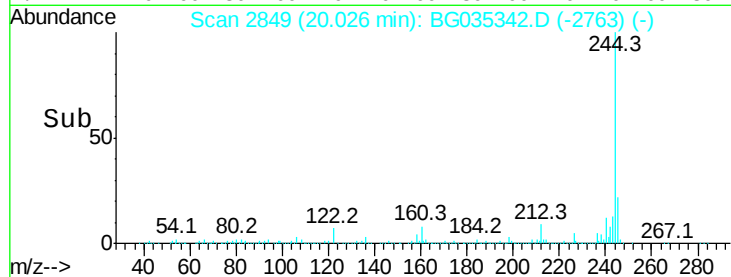
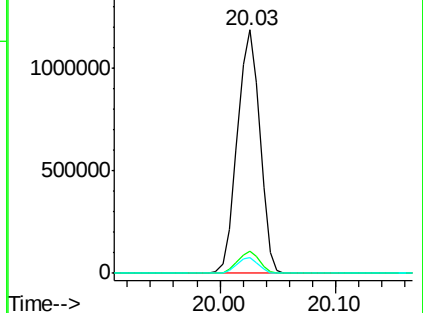
122 6.6 7.0 10.4#



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. -0.05 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

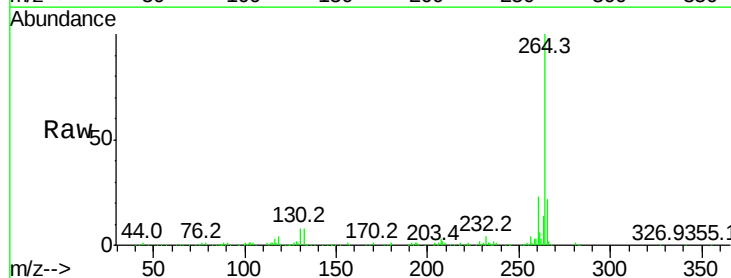
Tgt Ion:264 Resp: 328229

Ion Ratio Lower Upper

264 100

260 23.2 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

