

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035341.D
 Acq On : 22 Jun 2018 20:02
 Operator : JU/SJ
 Sample : J3594-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jun 22 22:33:14 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	54094	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180390	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	122117	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	326873	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	367296	20.00	ng	-0.03
86) Perylene-d12	24.90	264	317618	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	429615	134.03	ng	-0.01
7) Phenol-d6	7.21	99	548487	115.94	ng	-0.01
23) Nitrobenzene-d5	9.22	82	429623	113.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	280969	179.73	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	929501	98.95	ng	-0.03
78) Terphenyl-d14	20.03	244	1717327	97.94	ng	-0.02

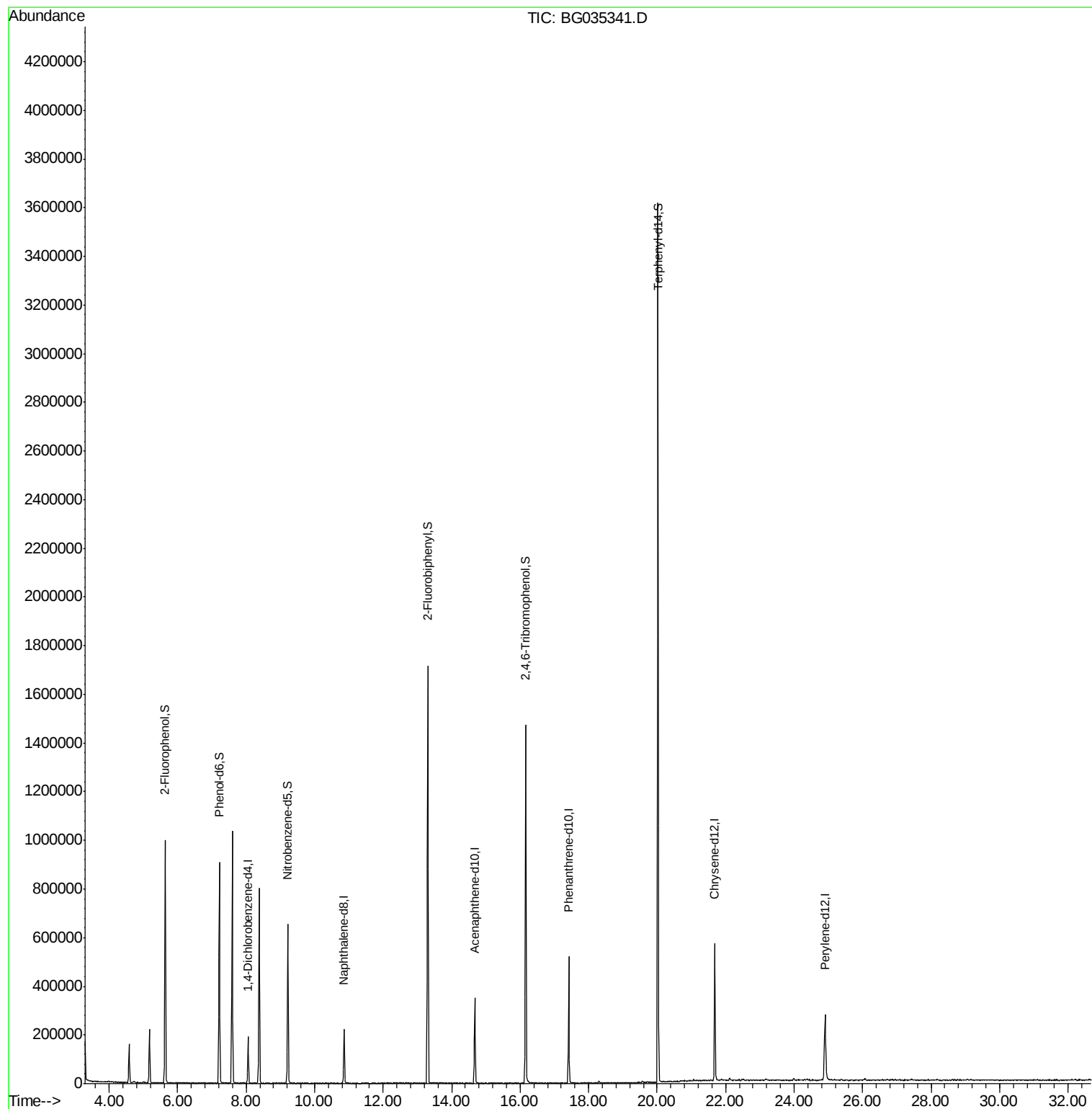
Target Compounds Qvalue

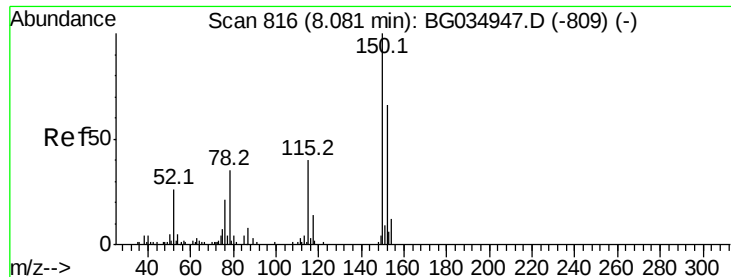
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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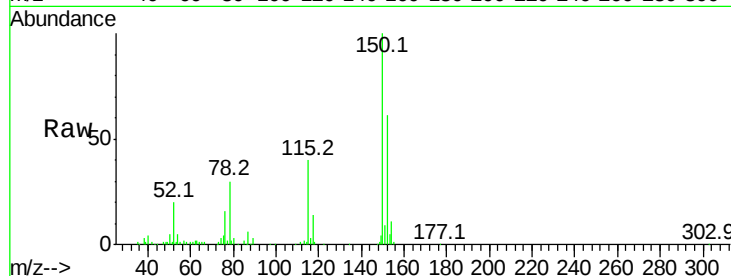


#1

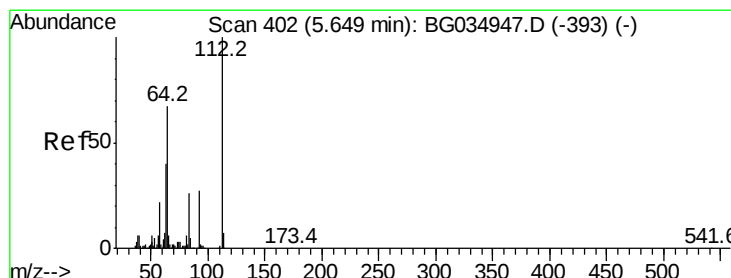
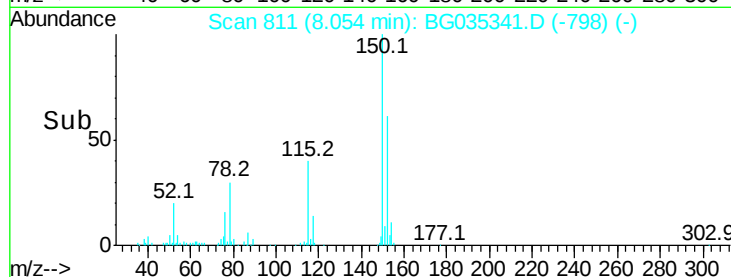
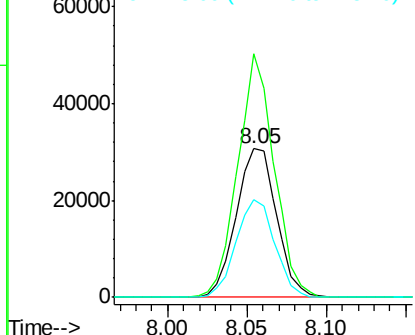
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035341.D
Acq: 22 Jun 2018 20:02

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-2

Tot Ion:152 Resp: 54094
Ion Ratio Lower Upper
152 100
150 164.0 126.6 189.8
115 65.7 53.0 79.4



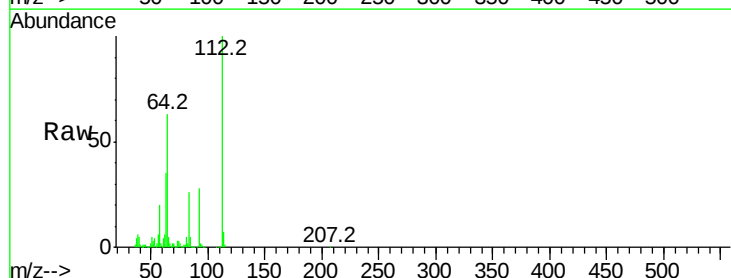
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



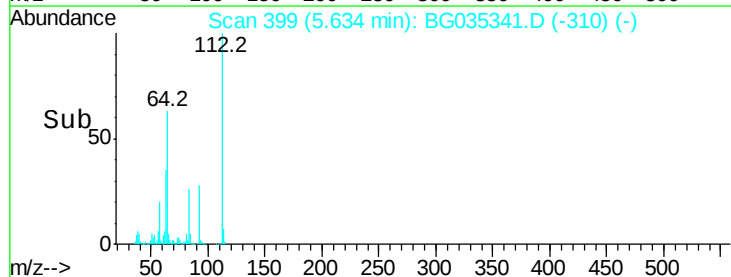
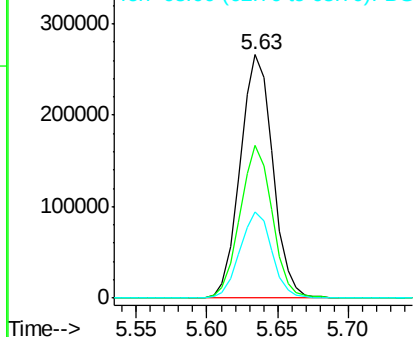
#5

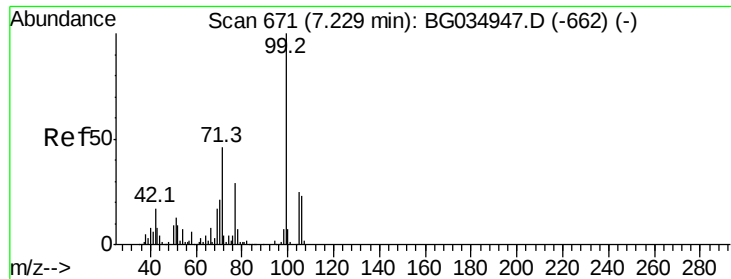
2-Fluorophenol
Concen: 134.030 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035341.D
Acq: 22 Jun 2018 20:02

Tgt Ion:112 Resp: 429615
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 35.4 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: 115.936 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035341.D

Acq: 22 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

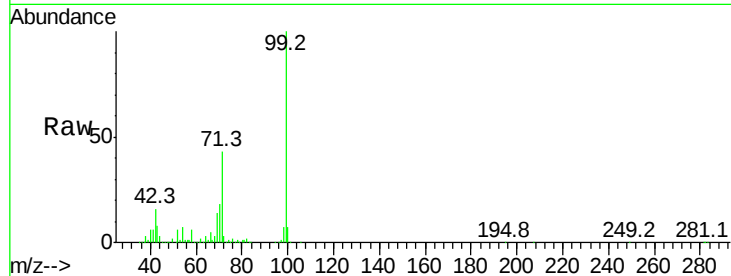
Tot Ion: 99 Resp: 548487

Ion Ratio Lower Upper

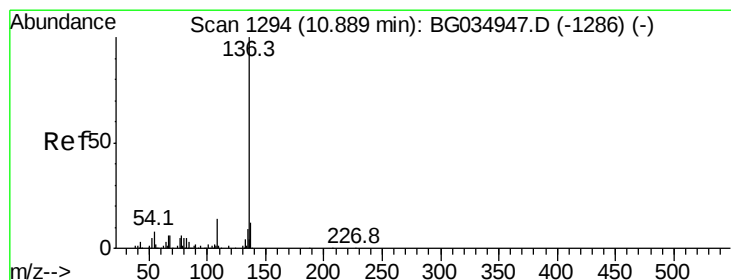
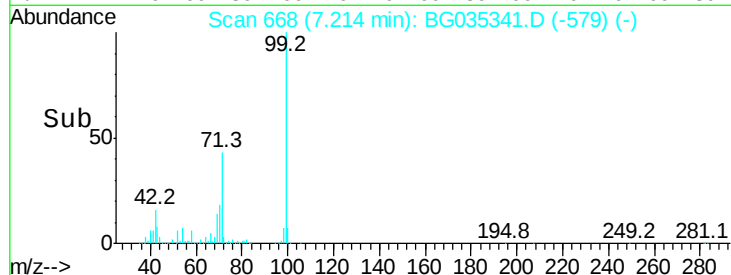
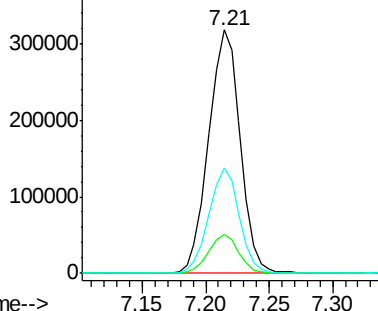
99 100

42 16.2 14.1 21.1

71 43.0 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035341.D

Acq: 22 Jun 2018 20:02

Tgt Ion:136 Resp: 180390

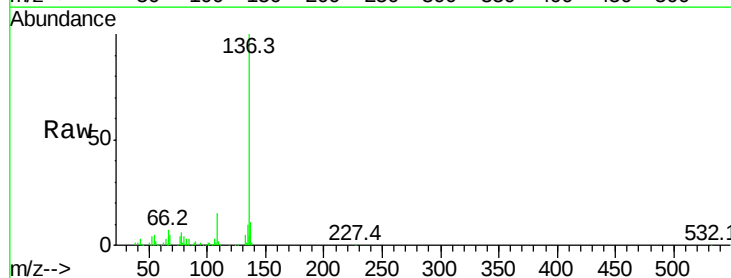
Ion Ratio Lower Upper

136 100

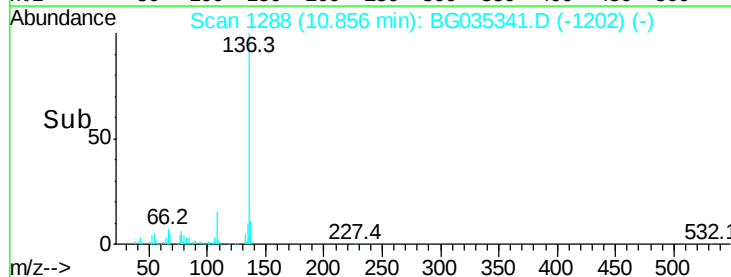
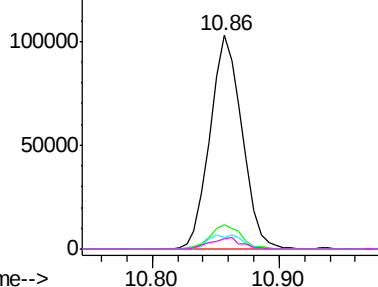
137 11.3 9.2 13.8

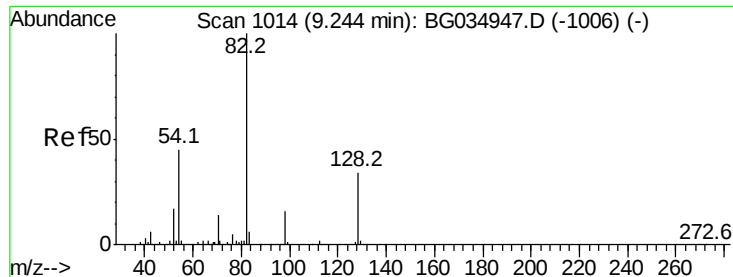
54 5.5 10.3 15.5#

68 4.7 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

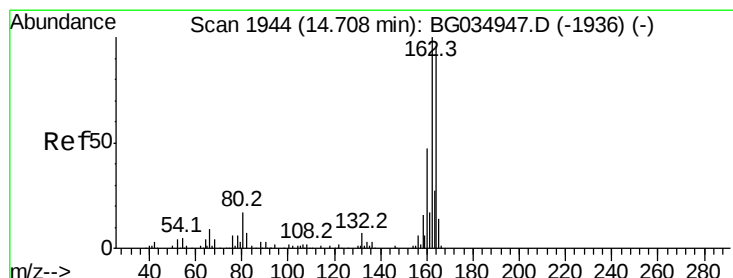
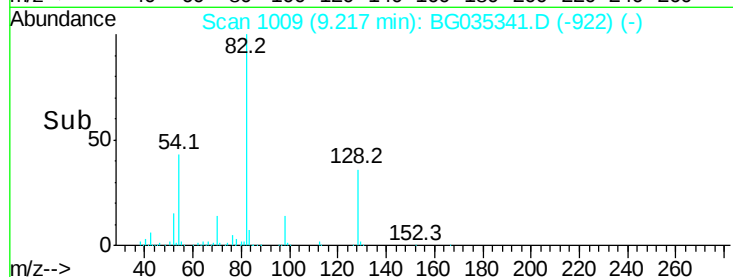
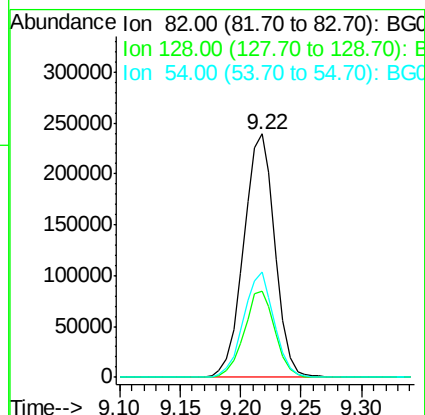
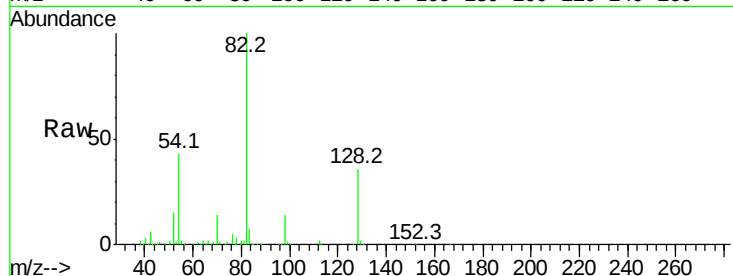




#23
Nitrobenzene-d5
Concen: 113.209 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035341.D
Acq: 22 Jun 2018 20:02

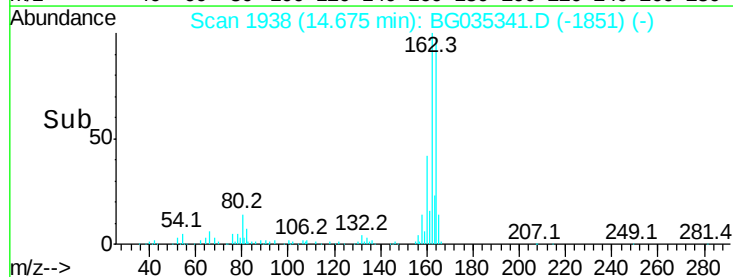
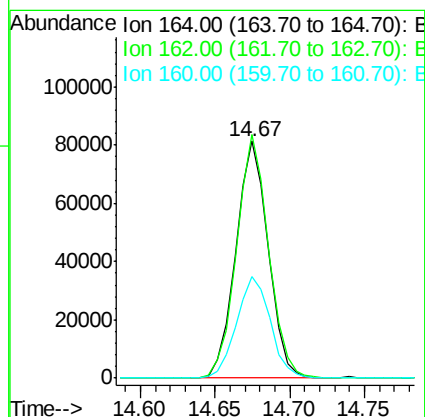
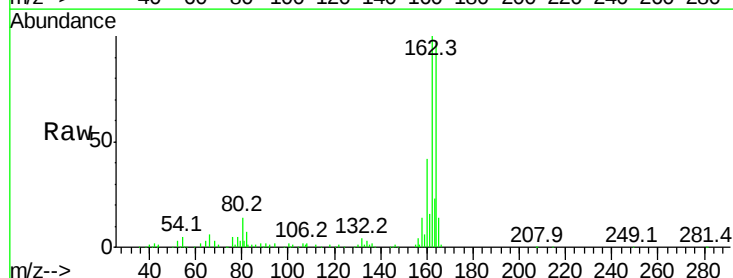
Instrument :
BNA_G
ClientSampleId :
HC-SOIL-2

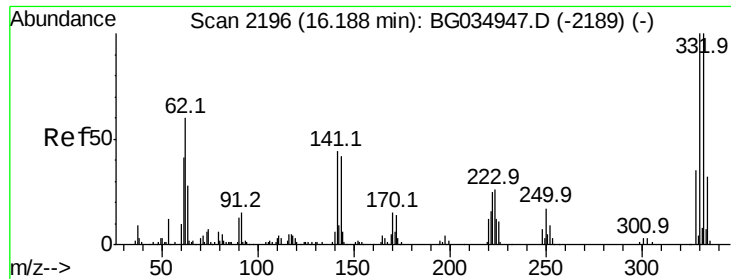
Tot Ion	82	Resp	429623
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	43.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035341.D
Acq: 22 Jun 2018 20:02

Tgt Ion	164	Resp	122117
Ion Ratio	Lower	Upper	
164	100		
162	102.9	78.8	118.2
160	42.7	35.4	53.0

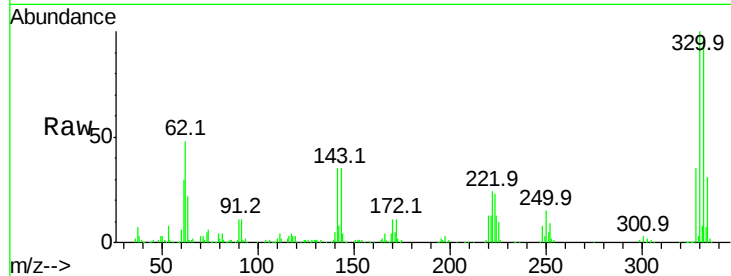




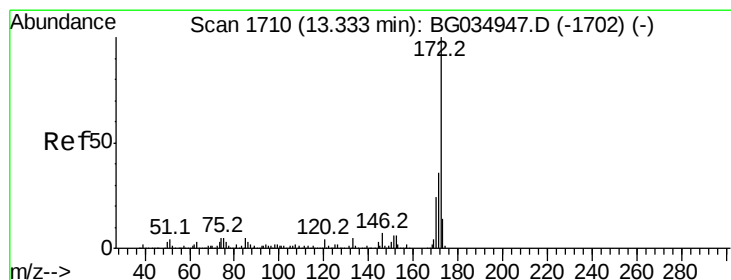
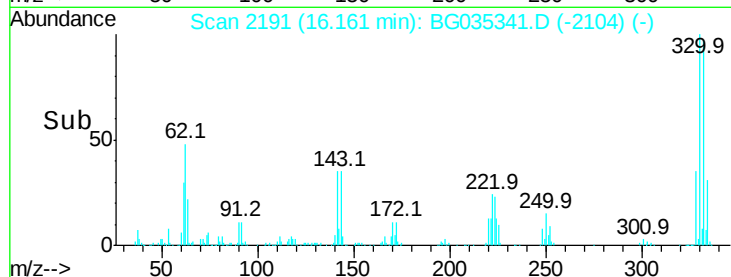
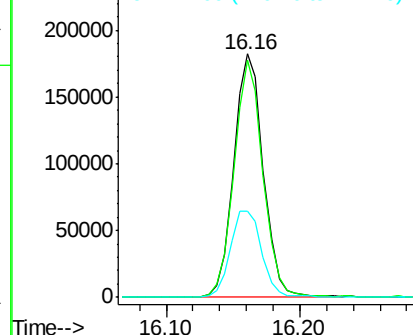
#41
 2,4,6-Tribromophenol
 Concen: 179.734 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035341.D
 Acq: 22 Jun 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-2

Tot Ion:330 Resp: 280969
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 38.2 25.2 37.8#

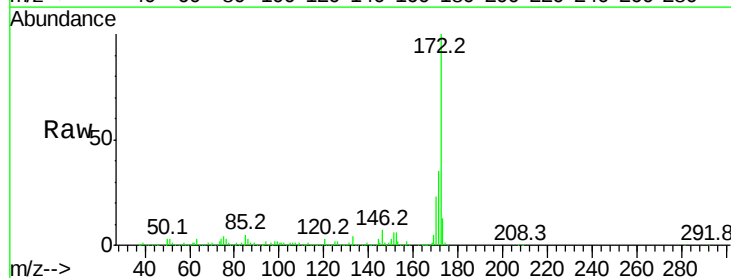


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

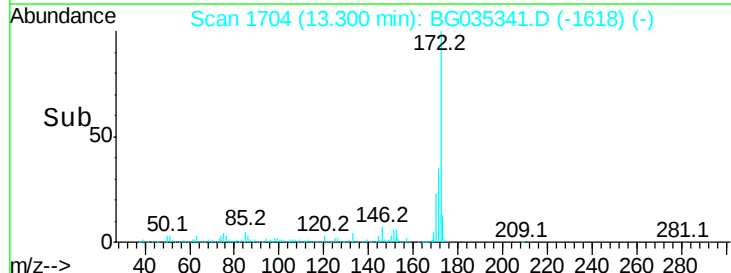
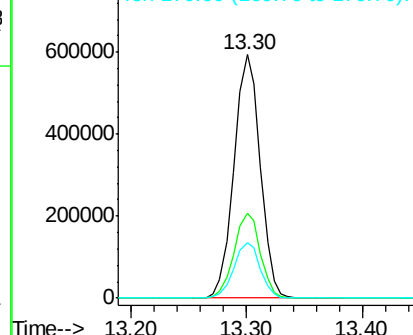


#44
 2-Fluorobiphenyl
 Concen: 98.950 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035341.D
 Acq: 22 Jun 2018 20:02

Tgt Ion:172 Resp: 929501
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 22.8 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. -0.02 min

Lab File: BG035341.D

Acq: 22 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

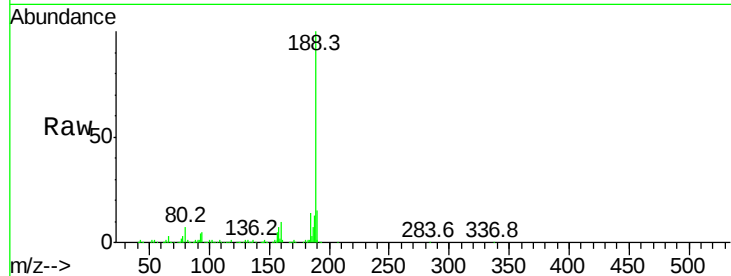
Tot Ion:188 Resp: 326873

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

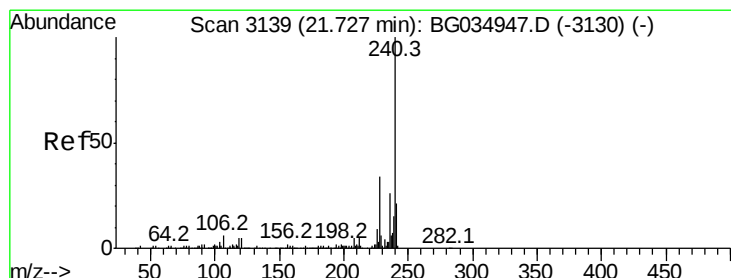
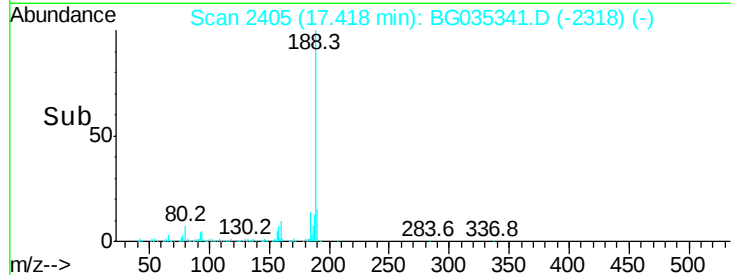
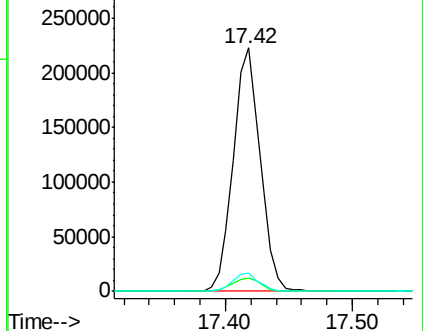
80 7.3 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035341.D

Acq: 22 Jun 2018 20:02

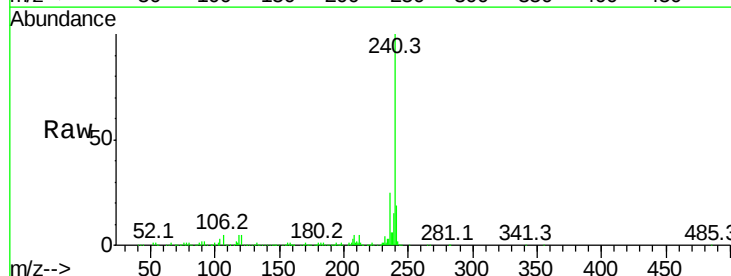
Tgt Ion:240 Resp: 367296

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

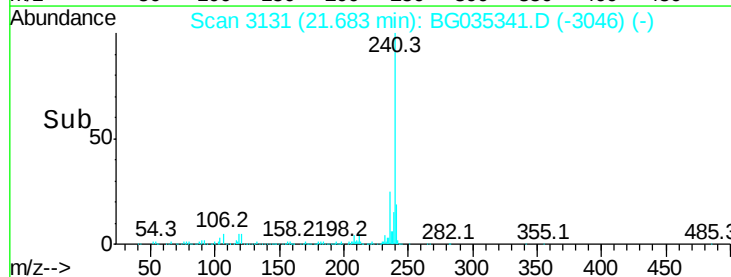
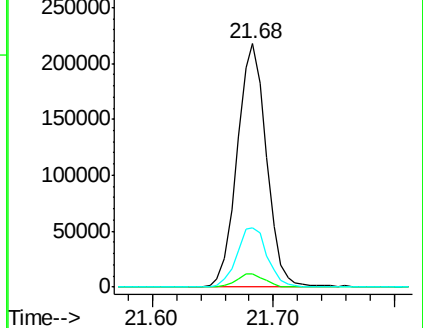
236 24.6 20.9 31.3

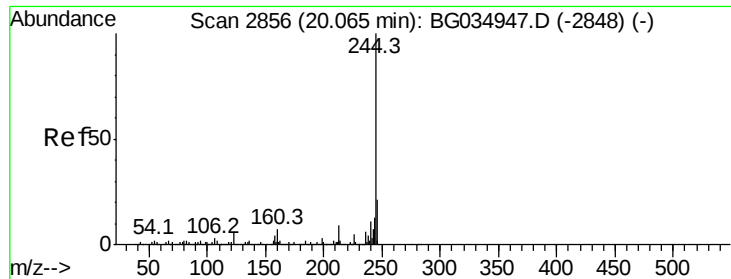


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.938 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035341.D

Acq: 22 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

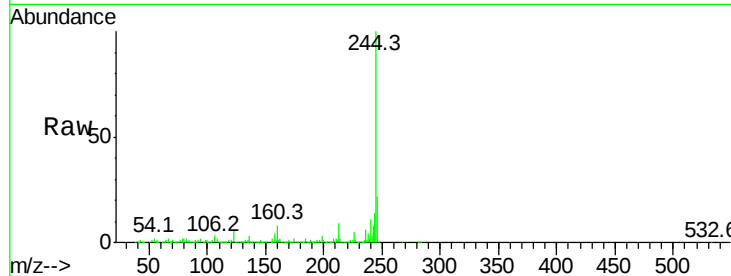
Tot Ion:244 Resp: 1717327

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

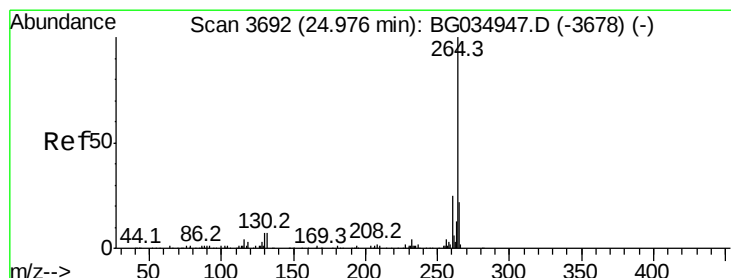
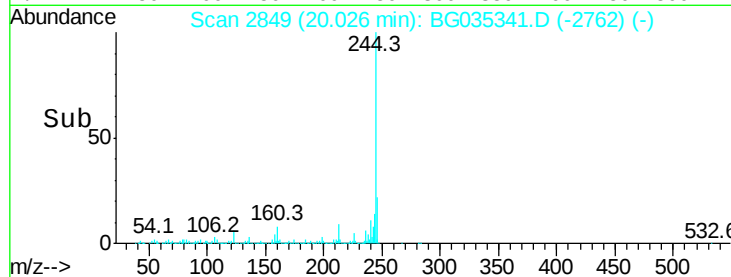
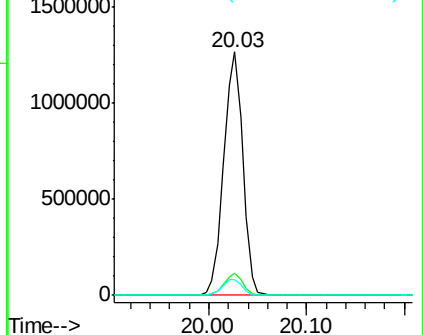
122 6.4 7.0 10.4#



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: BG035341.D

Acq: 22 Jun 2018 20:02

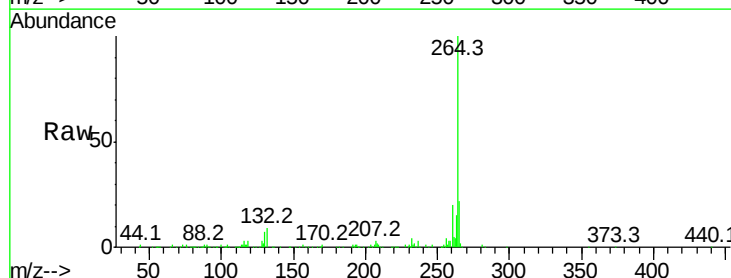
Tgt Ion:264 Resp: 317618

Ion Ratio Lower Upper

264 100

260 20.4 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

