

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035343.D
 Acq On : 22 Jun 2018 21:19
 Operator : JU/SJ
 Sample : J3594-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-4

Quant Time: Jun 22 22:36:21 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	45735	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	155749	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	102181	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	284838	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	338028	20.00	ng	-0.04
86) Perylene-d12	24.90	264	315827	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	362357	133.71	ng	-0.01
7) Phenol-d6	7.21	99	443904	110.98	ng	-0.01
23) Nitrobenzene-d5	9.22	82	382035	116.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	261955	200.26	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	851424	108.32	ng	-0.03
78) Terphenyl-d14	20.02	244	1666004	103.24	ng	-0.02

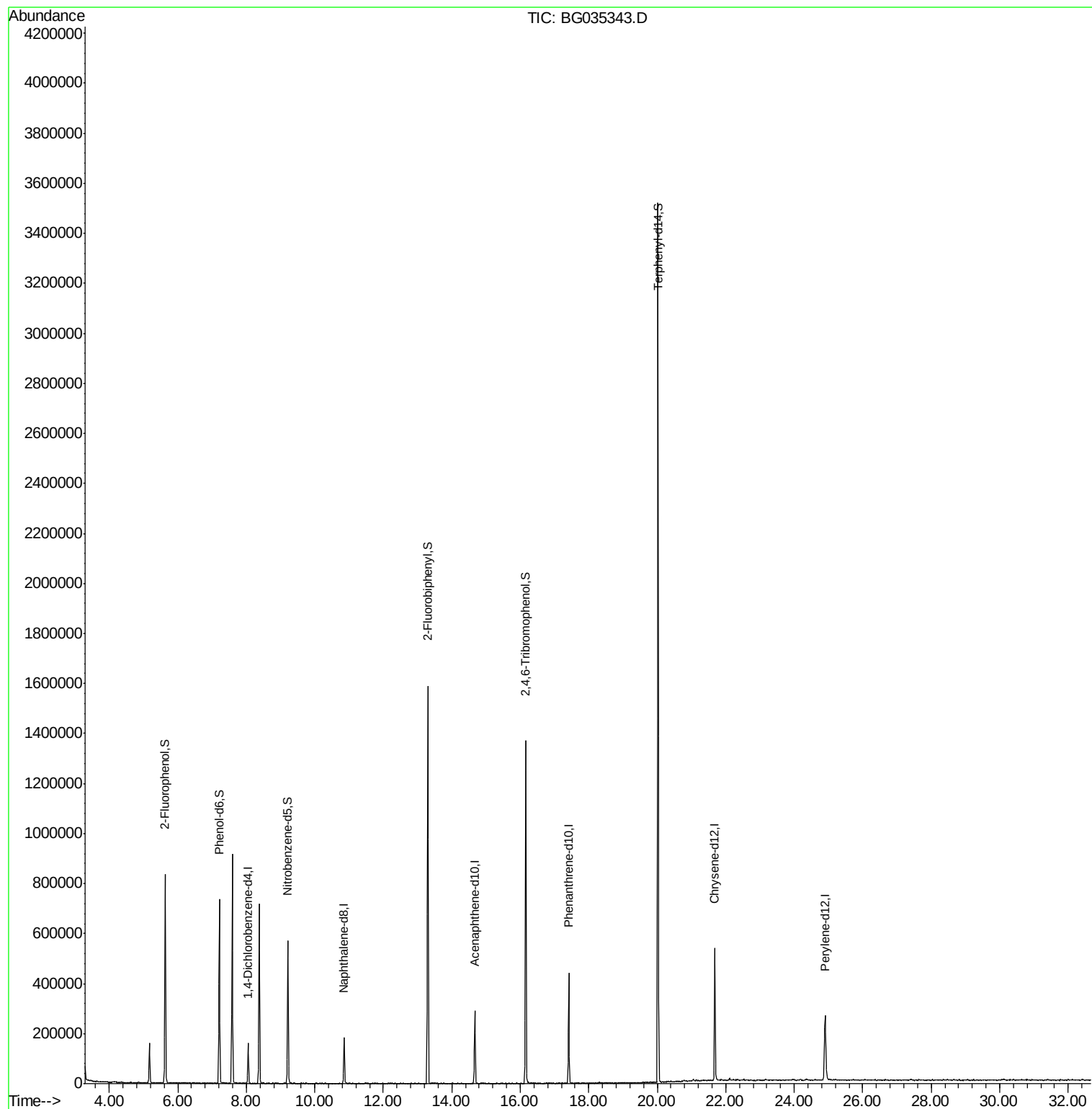
Target Compounds Qvalue

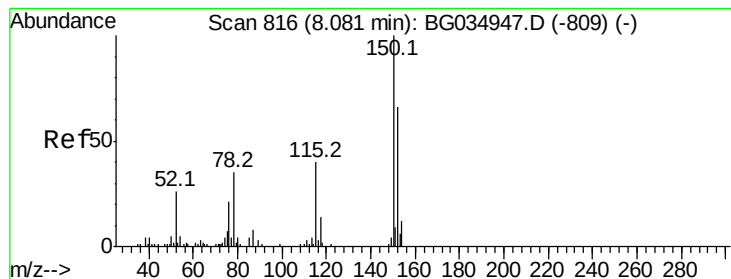
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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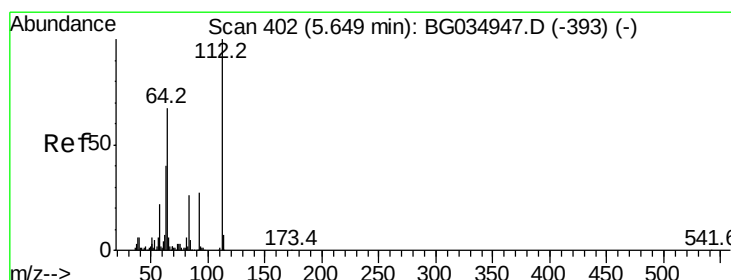
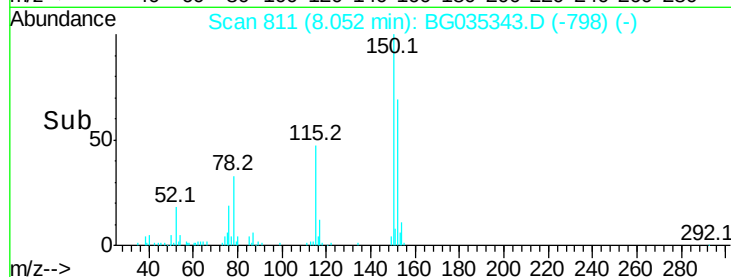
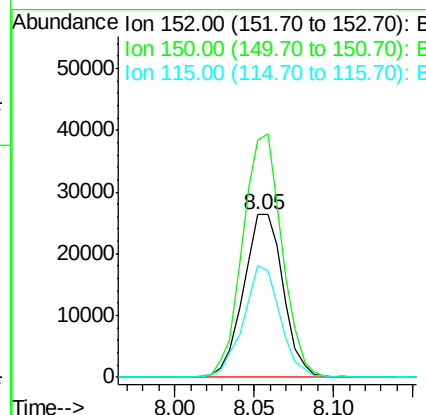
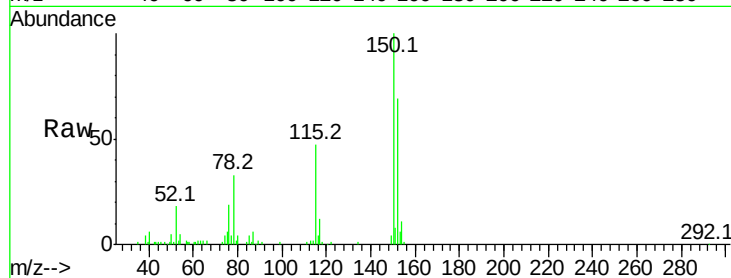


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035343.D
Acq: 22 Jun 2018 21:19

Instrument :
BNA_G
ClientSampled :
HC-SOIL-4

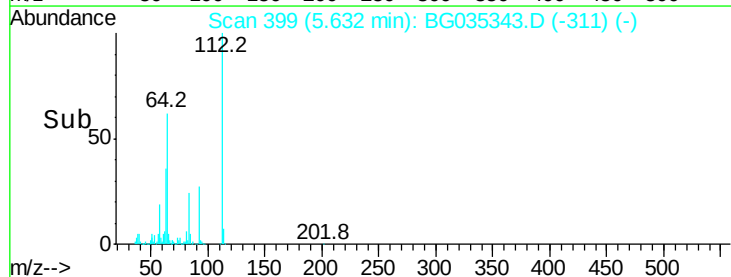
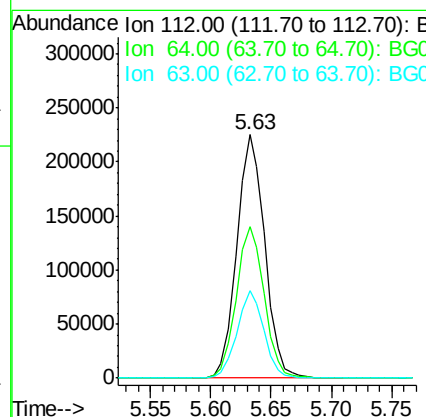
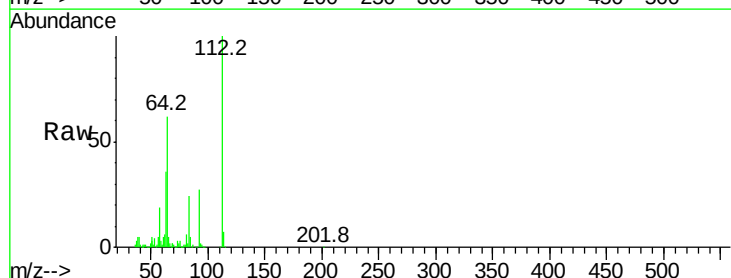
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	68.5	53.0	79.4

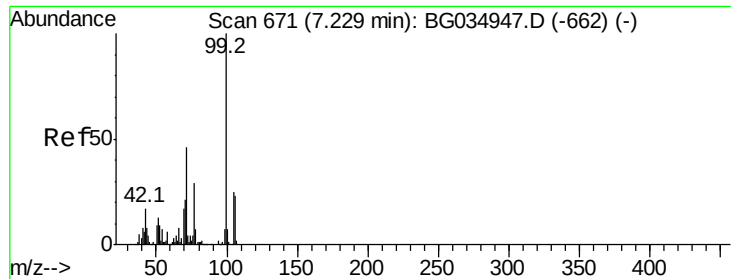


#5

2-Fluorophenol
Concen: 133.709 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035343.D
Acq: 22 Jun 2018 21:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 110.980 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035343.D

Acq: 22 Jun 2018 21:19

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-4

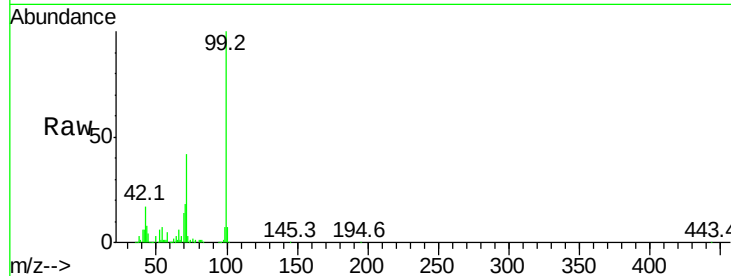
Tot Ion: 99 Resp: 443904

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

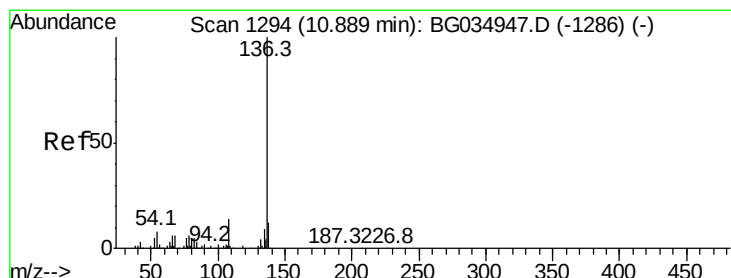
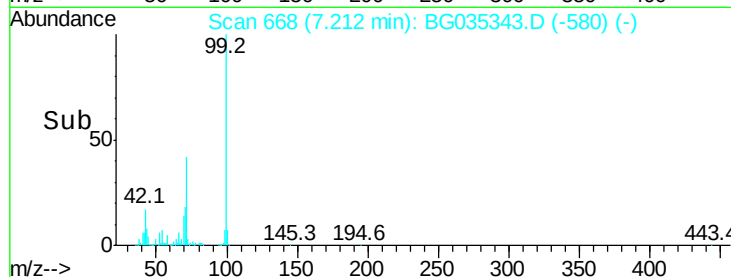
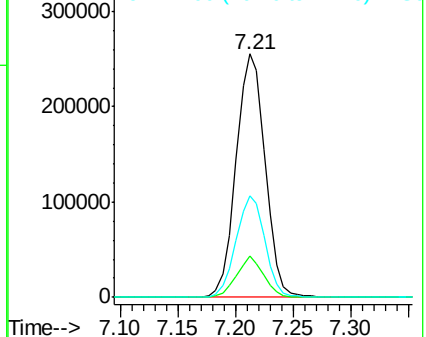
71 41.6 26.1 39.1#



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. -0.02 min

Lab File: BG035343.D

Acq: 22 Jun 2018 21:19

Tgt Ion:136 Resp: 155749

Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 6.1 10.3 15.5#

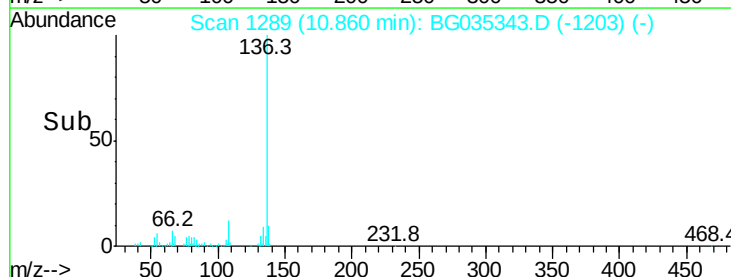
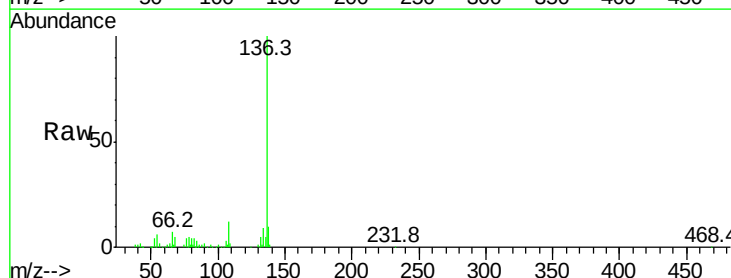
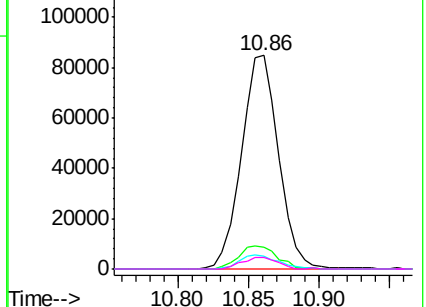
68 5.5 4.5 6.7

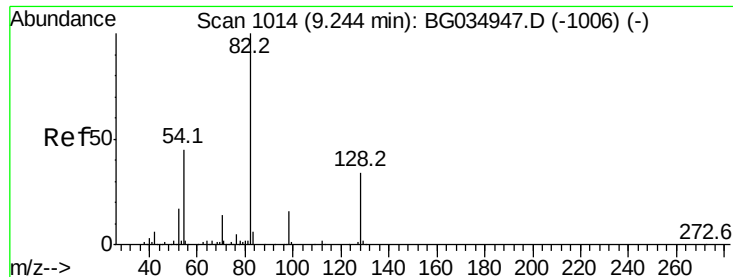
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

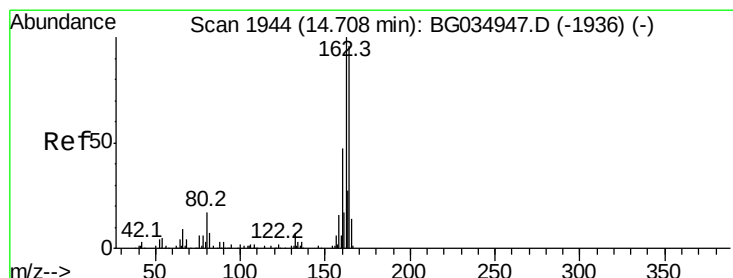
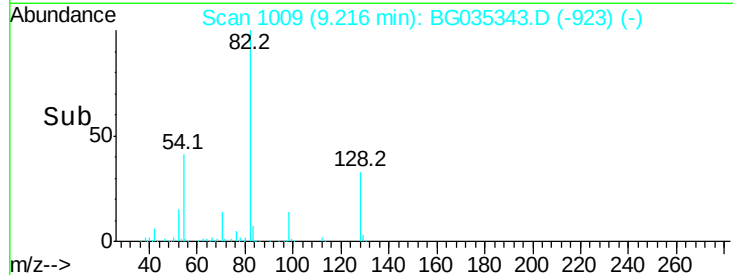
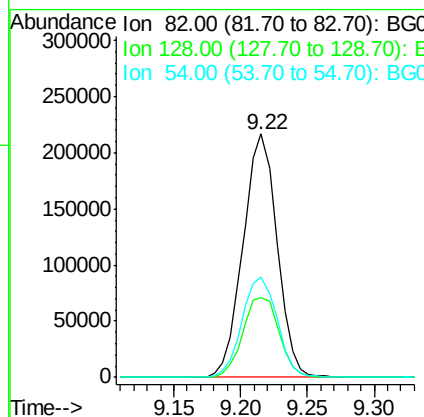
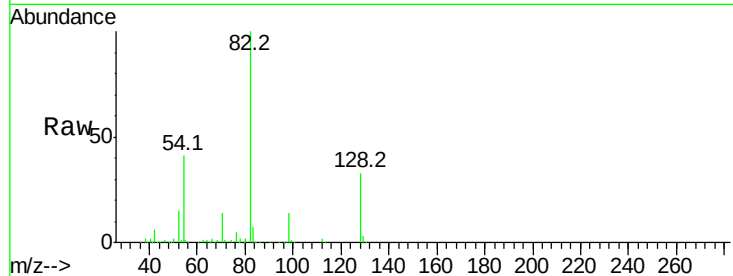




#23
 Nitrobenzene-d5
 Concen: 116.596 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035343.D
 Acq: 22 Jun 2018 21:19

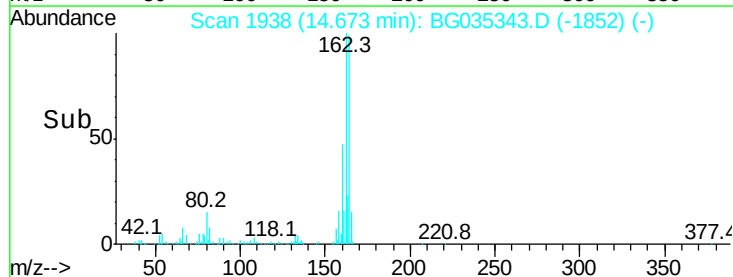
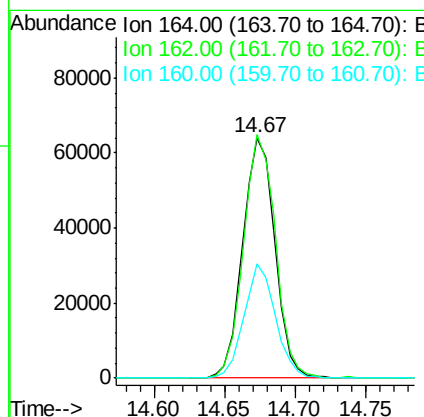
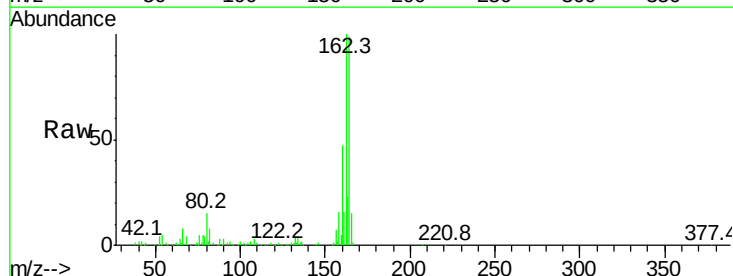
Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-4

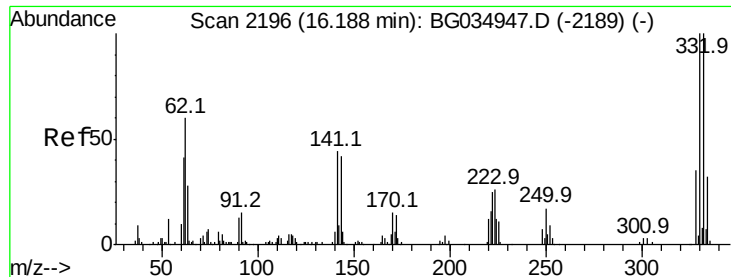
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	41.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035343.D
 Acq: 22 Jun 2018 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	47.6	35.4	53.0

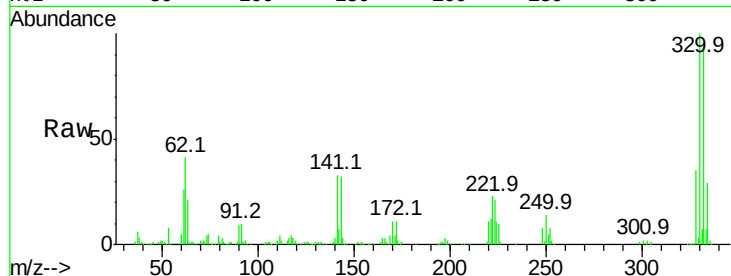




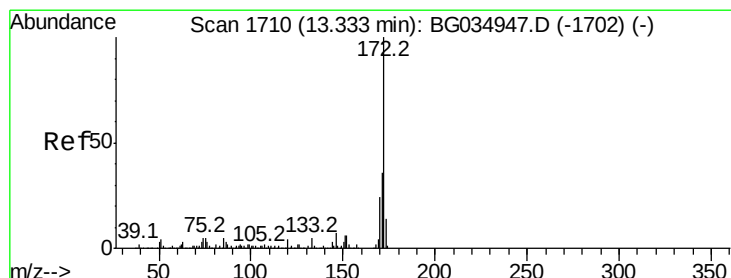
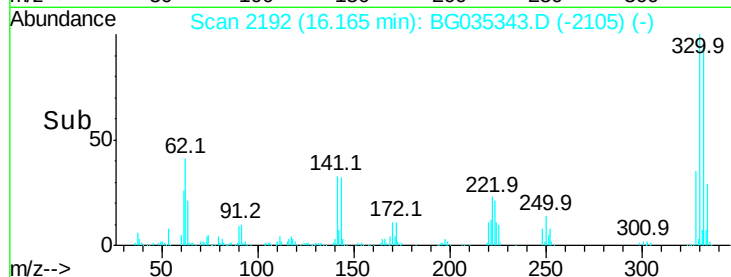
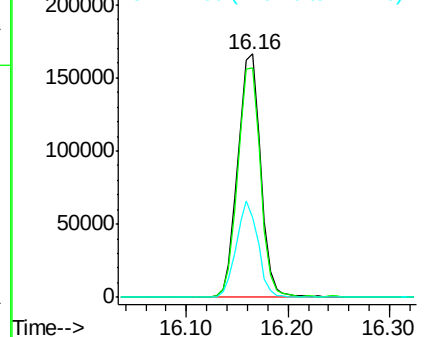
#41
 2,4,6-Tribromophenol
 Concen: 200.264 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035343.D
 Acq: 22 Jun 2018 21:19

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	37.3	25.2	37.8

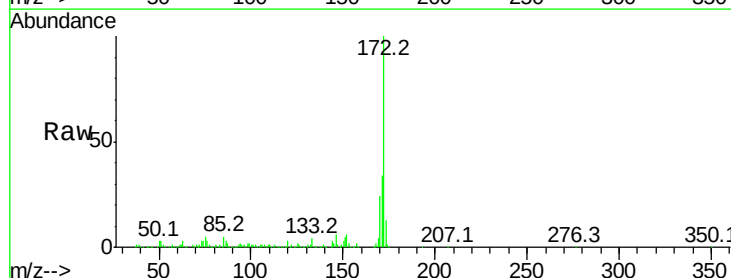


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

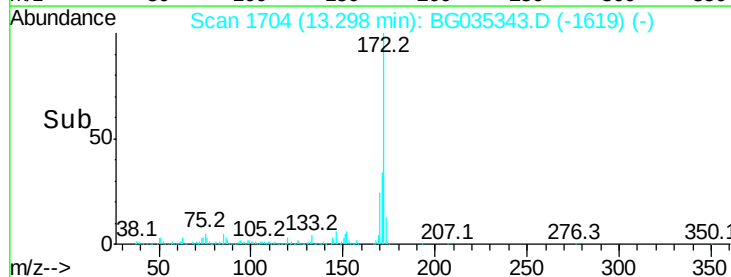
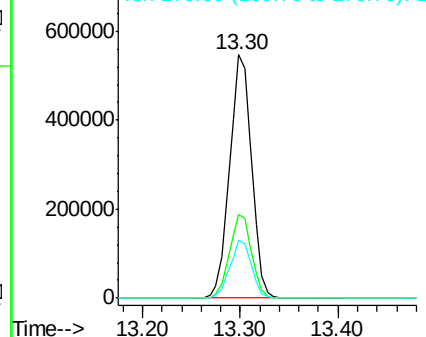


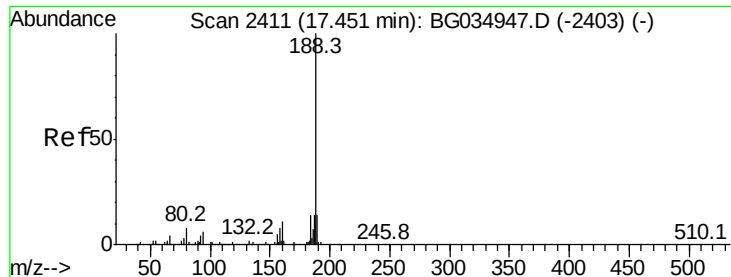
#44
 2-Fluorobiphenyl
 Concen: 108.322 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035343.D
 Acq: 22 Jun 2018 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.7	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: BG035343.D

Acq: 22 Jun 2018 21:19

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-4

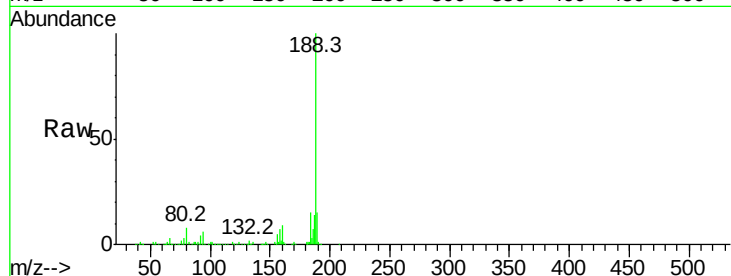
Tot Ion:188 Resp: 284838

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

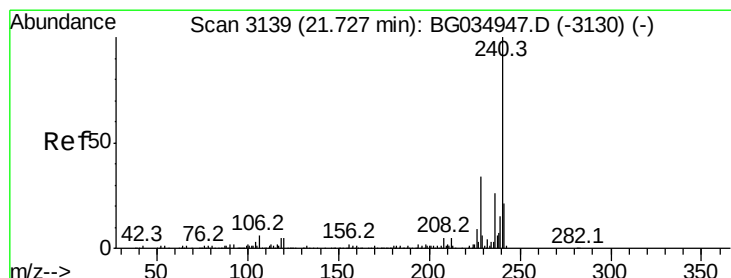
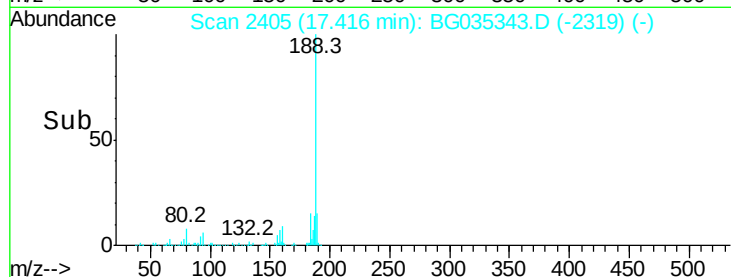
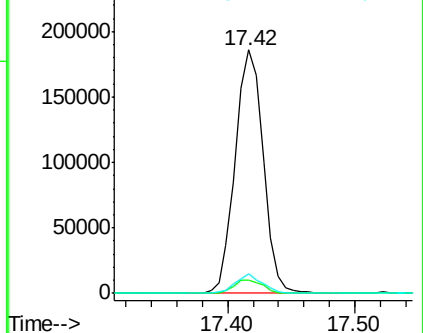
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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. -0.04 min

Lab File: BG035343.D

Acq: 22 Jun 2018 21:19

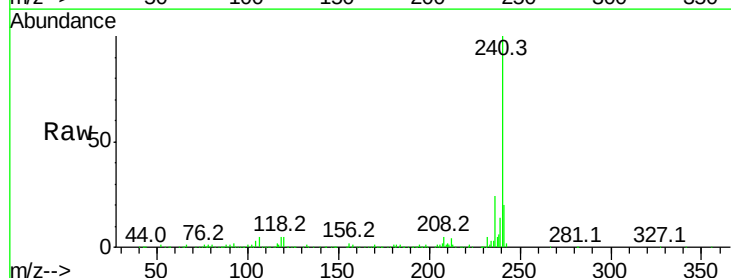
Tgt Ion:240 Resp: 338028

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

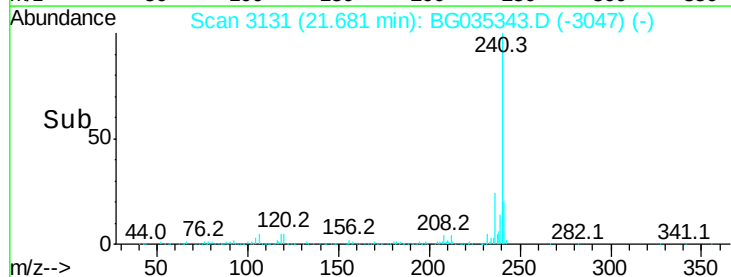
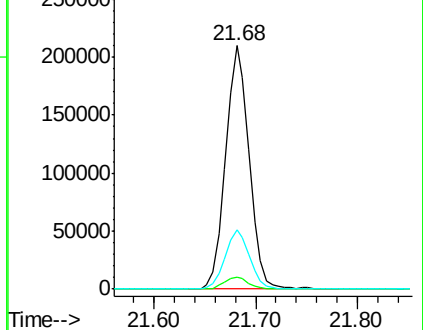
236 24.4 20.9 31.3

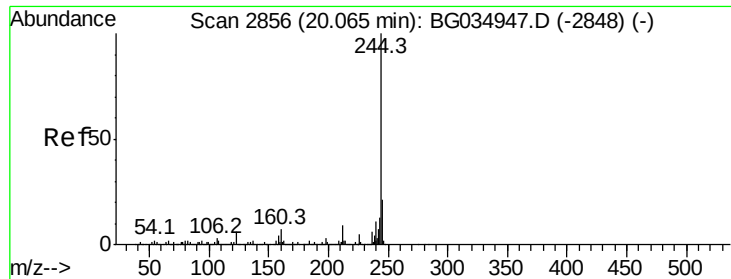


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.238 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035343.D

Acq: 22 Jun 2018 21:19

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-4

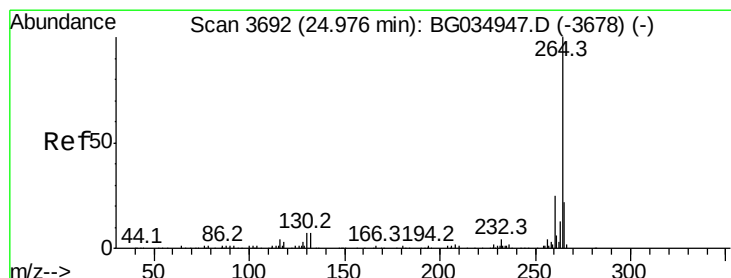
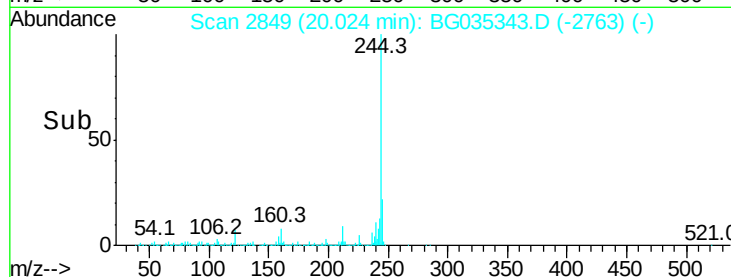
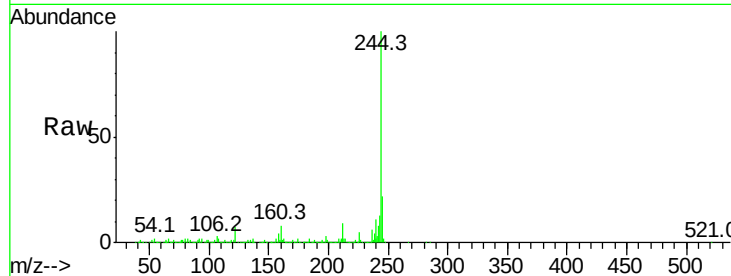
Tot Ion:244 Resp: 1666004

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 6.7 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035343.D

Acq: 22 Jun 2018 21:19

Tgt Ion:264 Resp: 315827

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.2 17.7 26.5

