

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 22:06:08 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

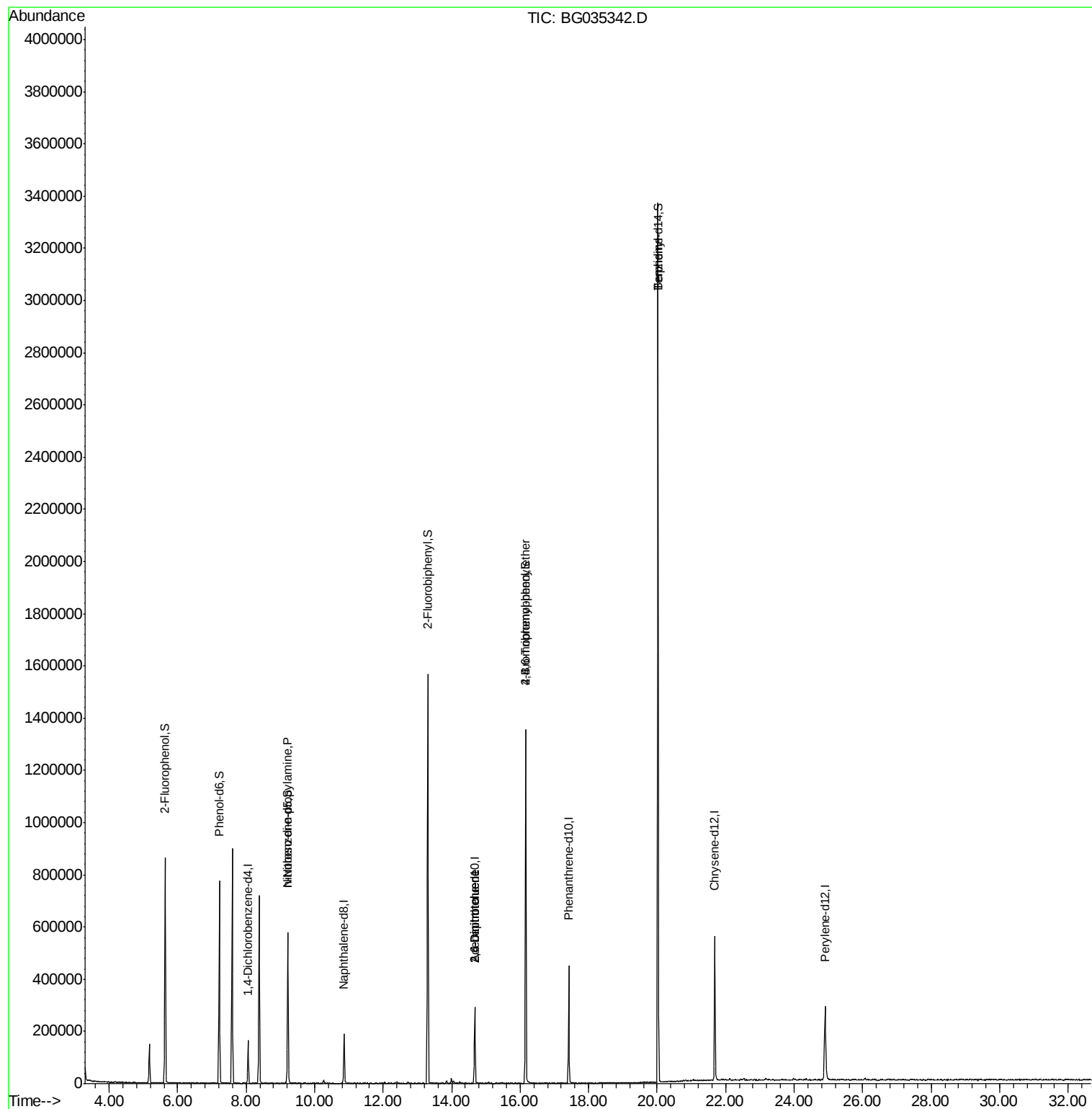
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45531	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	156578	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	101289	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	283635	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	347903	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						
19) n-Nitroso-di-n-propylamine	9.22	70	53052	15.682	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	13664	8.480	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	13664	6.383	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	19759	5.785	ng	# 1
76) Benzidine	20.03	184	26215	2.025	ng	# 91

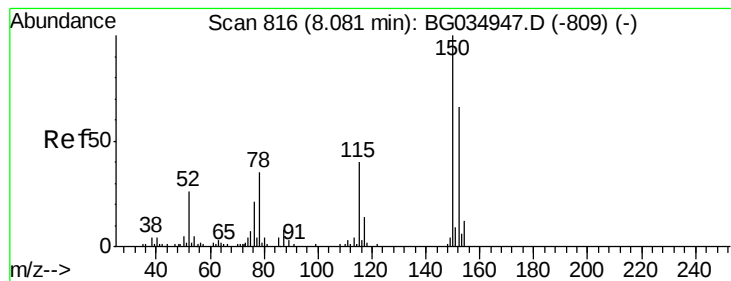
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 22:06:08 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



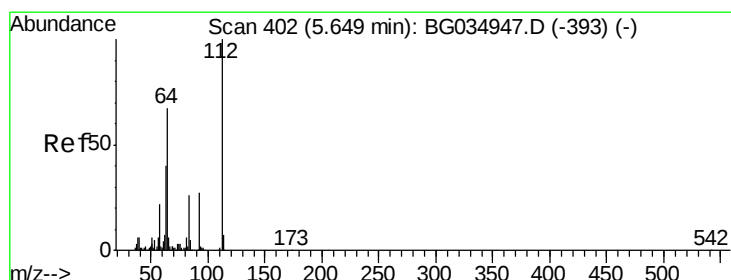
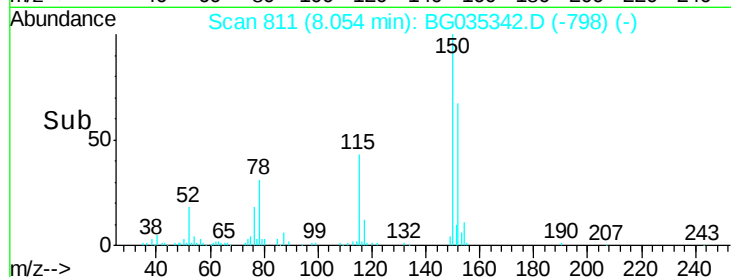
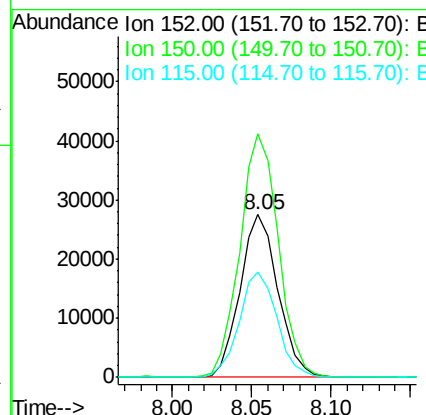
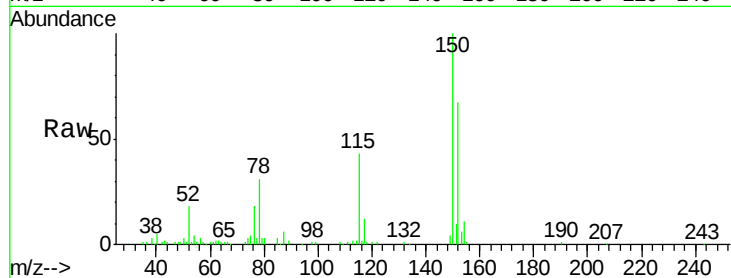


#1

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

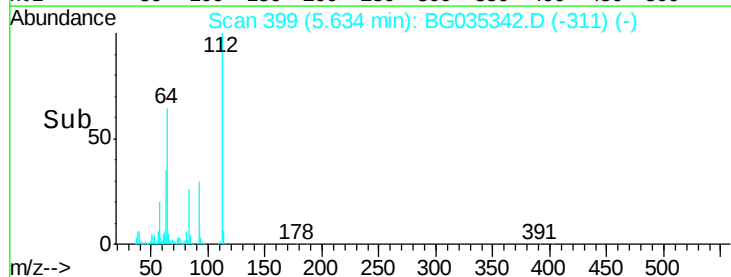
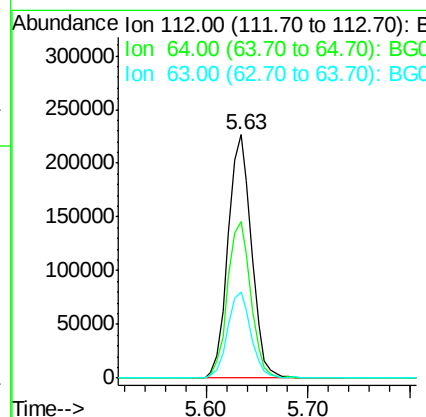
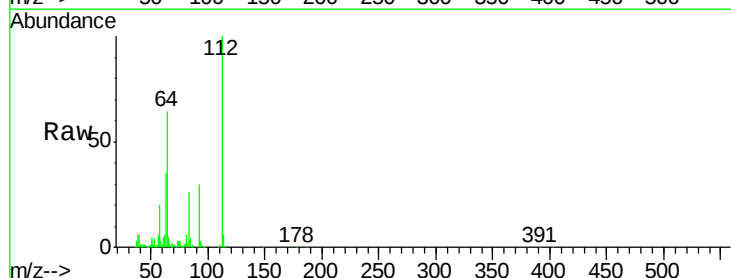
Tgt Ion:152 Resp: 45531
Ion Ratio Lower Upper
152 100
150 149.9 126.6 189.8
115 64.7 53.0 79.4

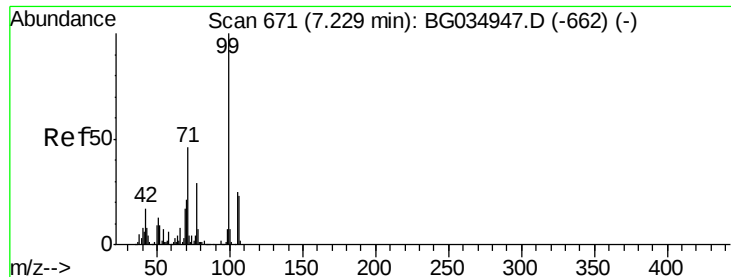


#5

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

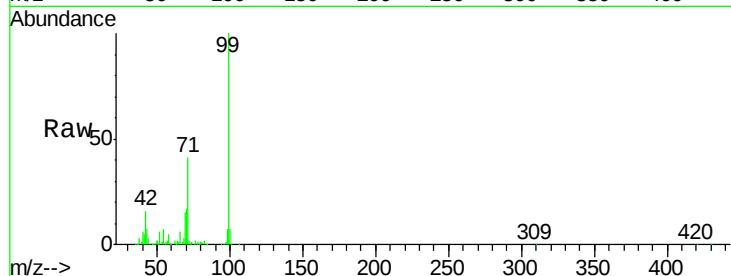
Tgt Ion: 99 Resp: 462895

Ion Ratio Lower Upper

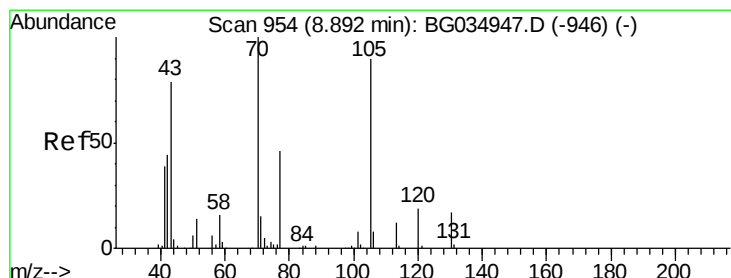
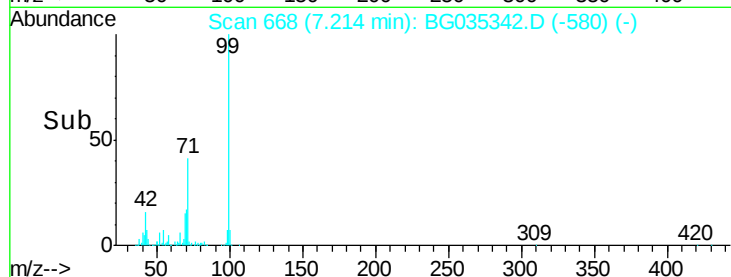
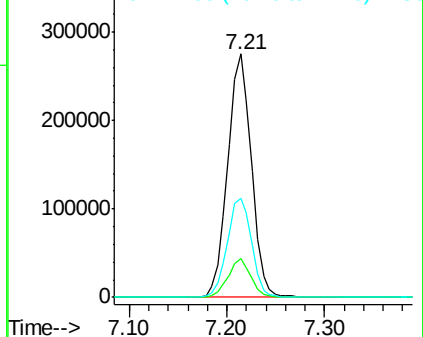
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.682 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

Tgt Ion: 70 Resp: 53052

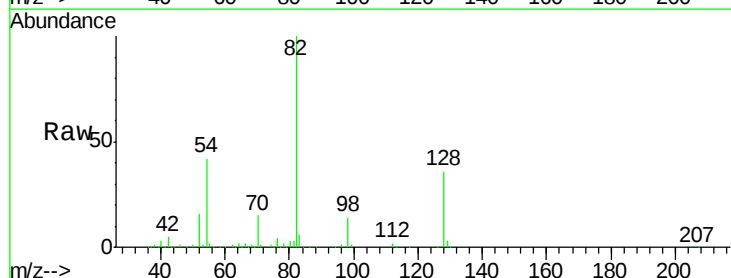
Ion Ratio Lower Upper

70 100

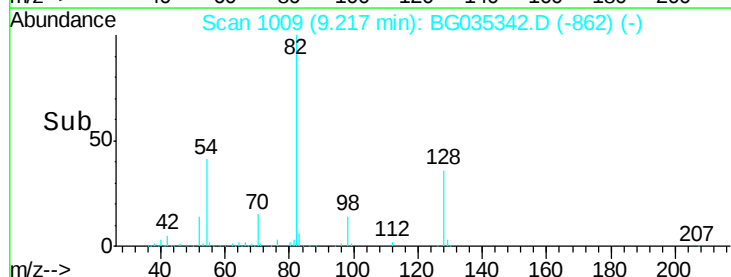
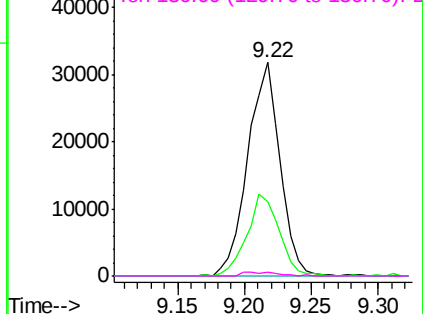
42 35.0 49.1 73.7#

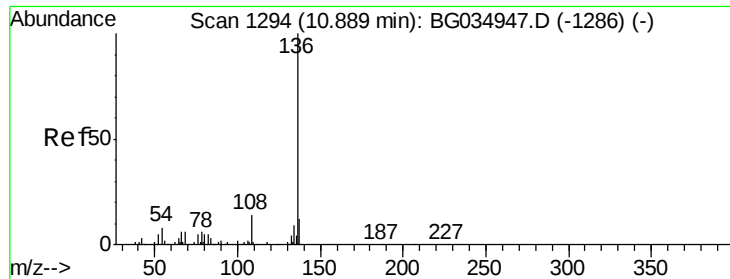
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

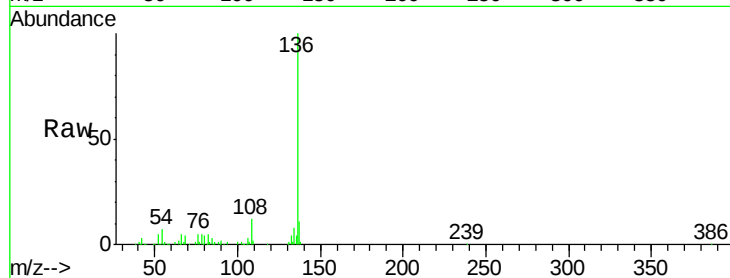




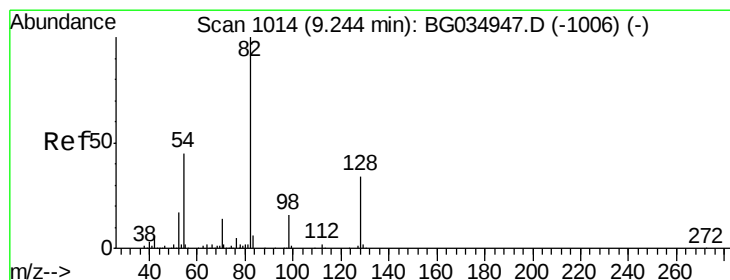
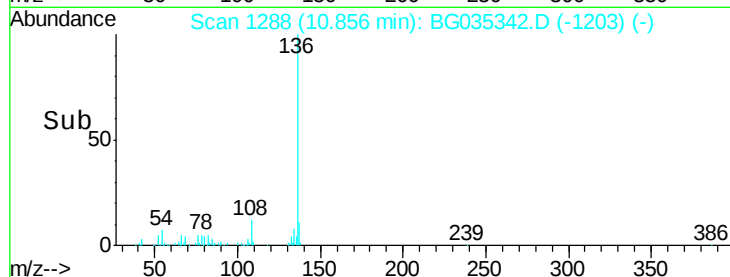
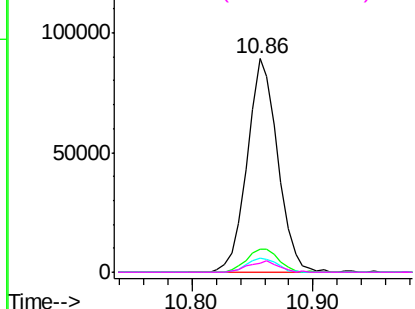
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-3

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#

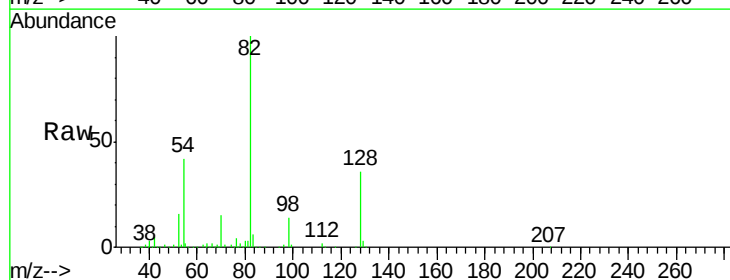


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

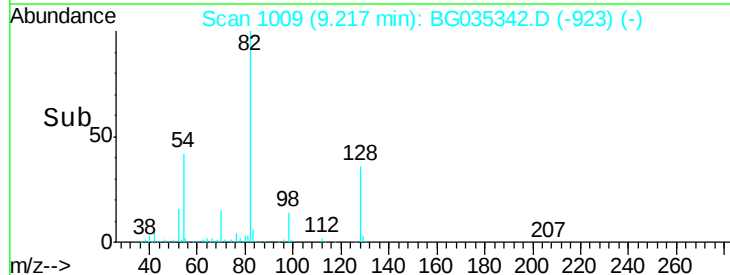
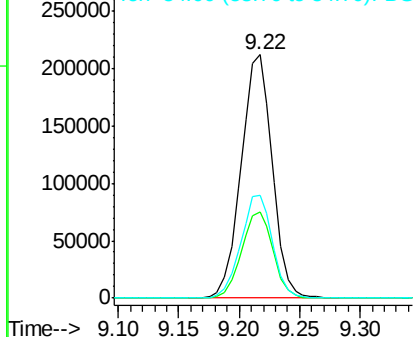


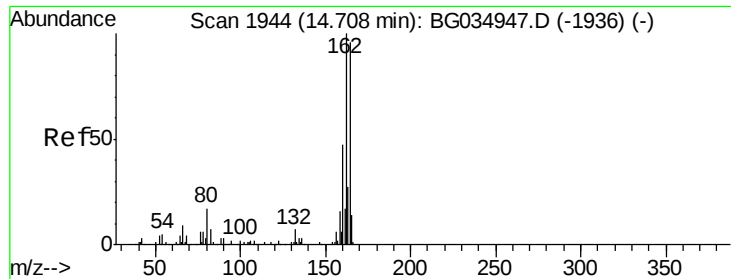
#23
Nitrobenzene-d5
Concen: 115.995 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BGC

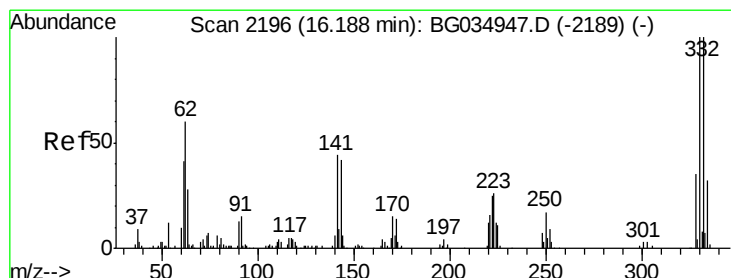
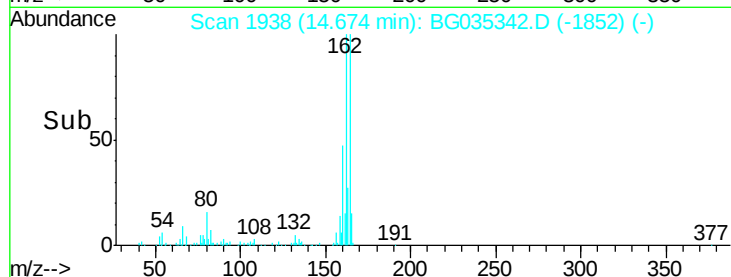
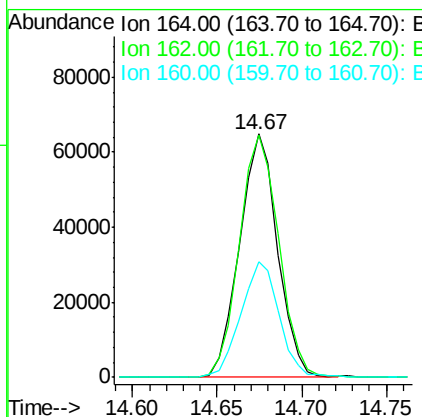
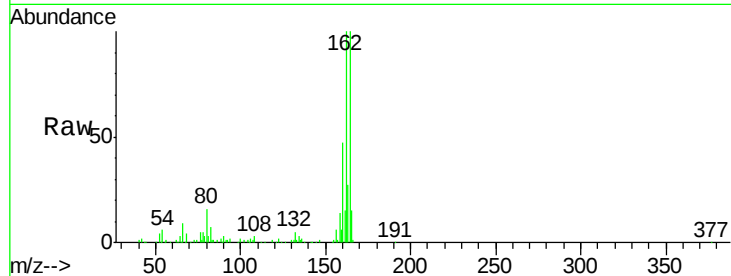




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035342.D
 Acq: 22 Jun 2018 20:41

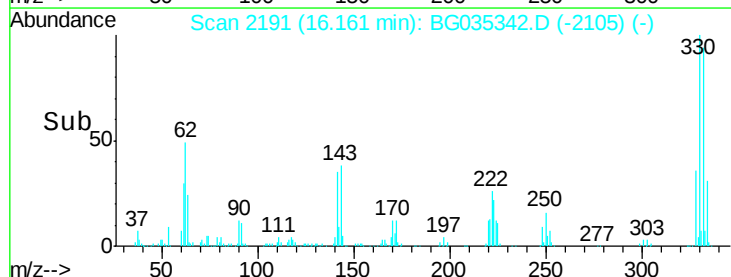
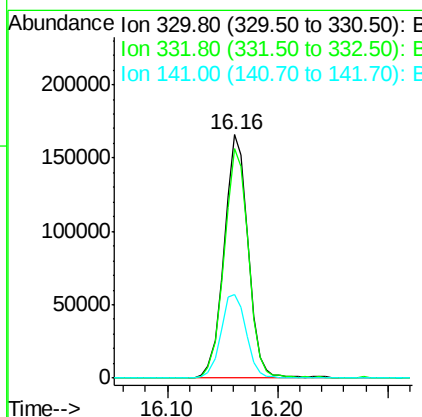
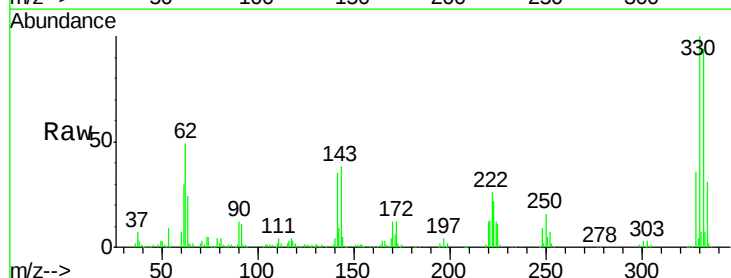
Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-3

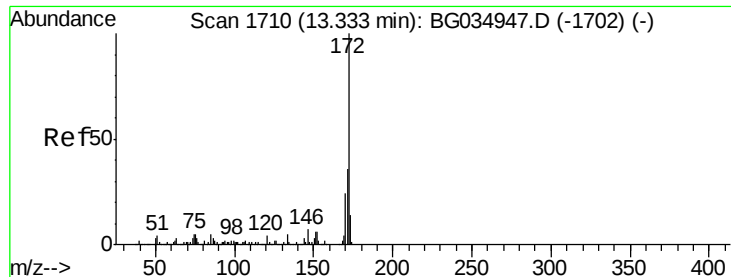
Tgt Ion:164 Resp: 101289
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 47.4 35.4 53.0



#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

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





#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

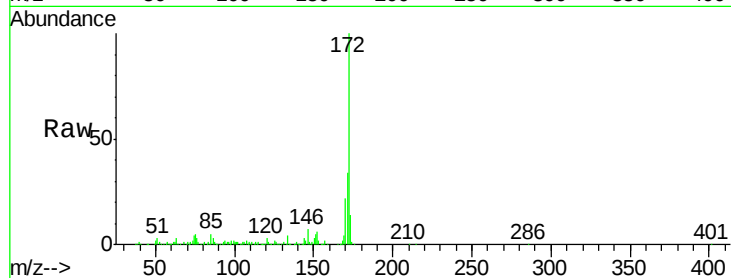
Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

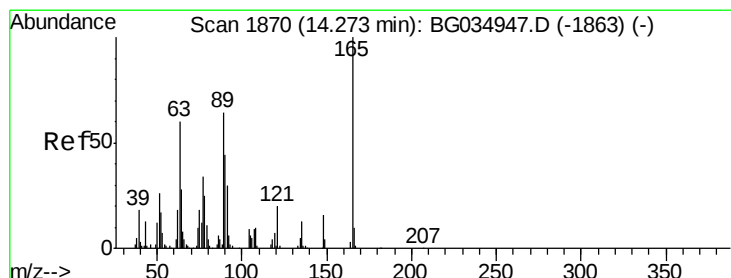
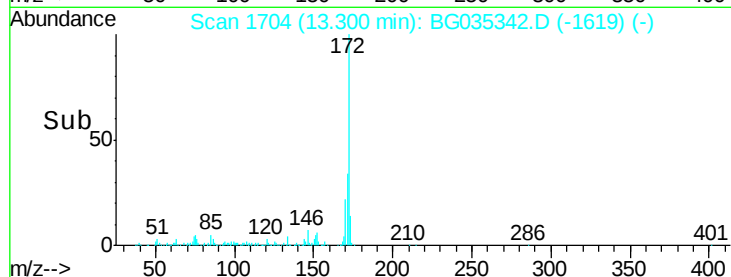
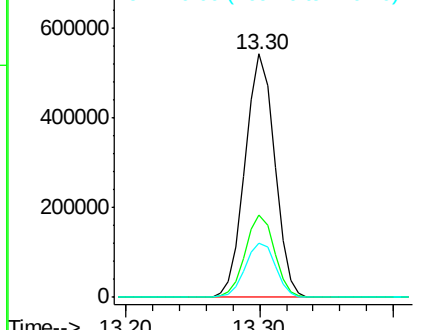
Tgt Ion:	172	Resp:	829855
Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.1	19.5	29.3



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



#50

2,6-Dinitrotoluene

Concen: 8.480 ng

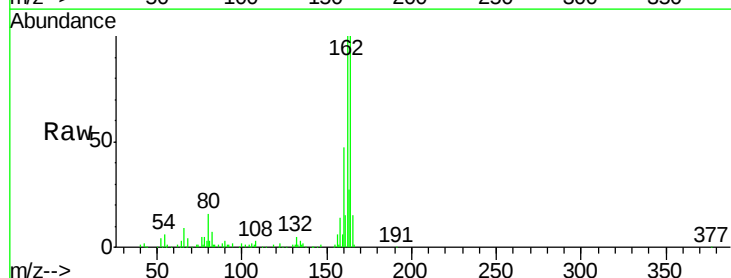
RT: 14.67 min Scan# 1938

Delta R.T. 0.41 min

Lab File: BG035342.D

Acq: 22 Jun 2018 20:41

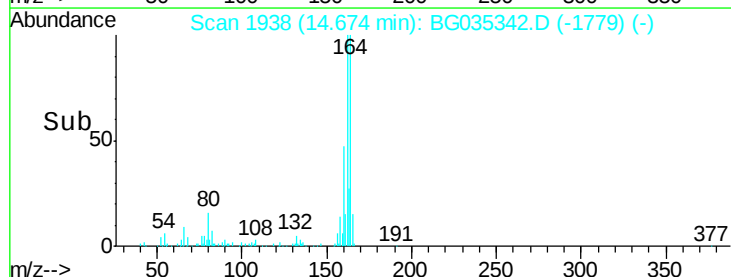
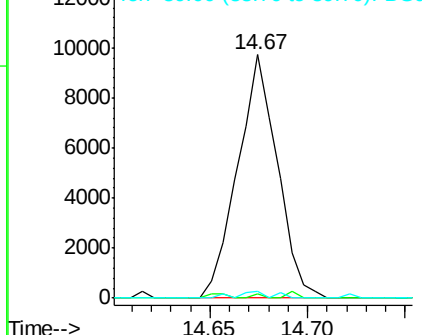
Tgt Ion:	165	Resp:	13664
Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	2.9	49.2	73.8#

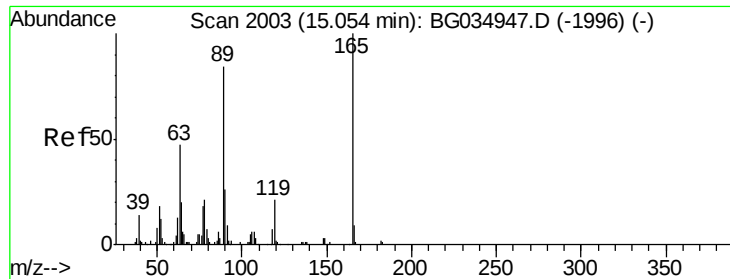


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

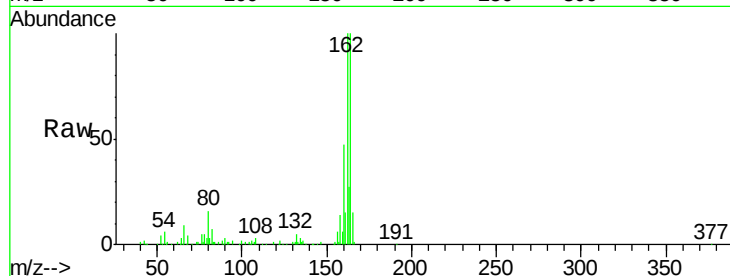




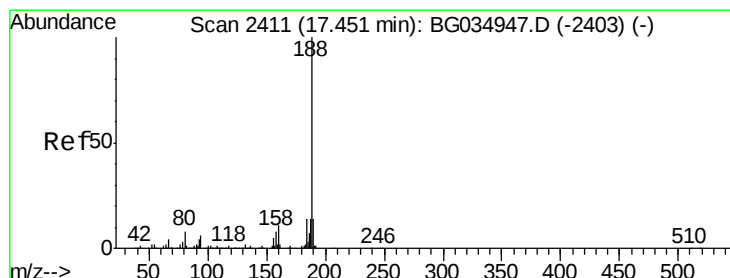
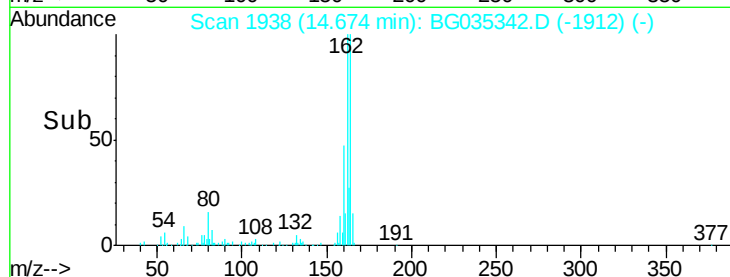
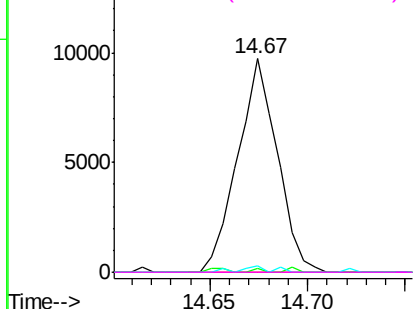
#56
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.37 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-3

Tgt Ion:165 Resp: 13664
Ion Ratio Lower Upper
165 100
63 1.8 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#

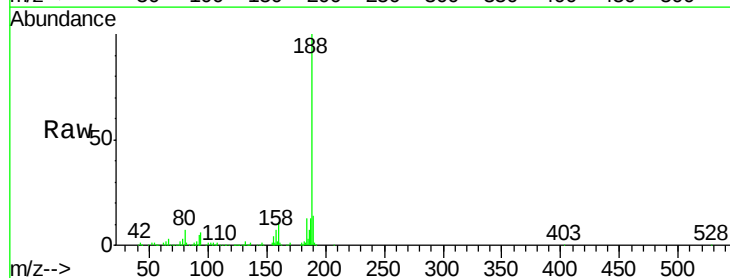


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

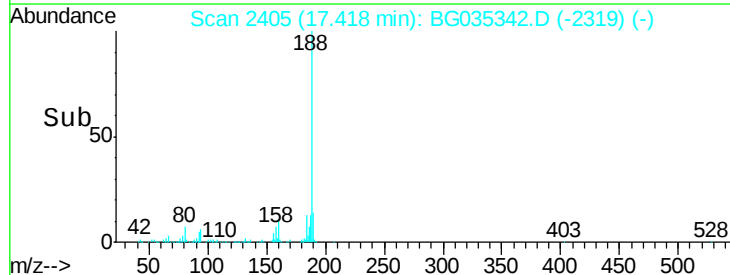
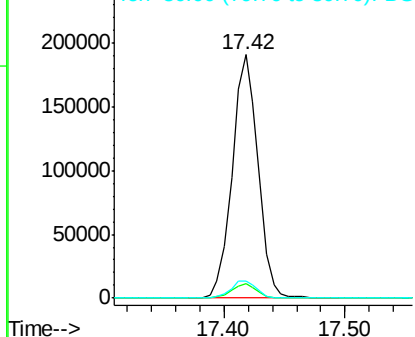


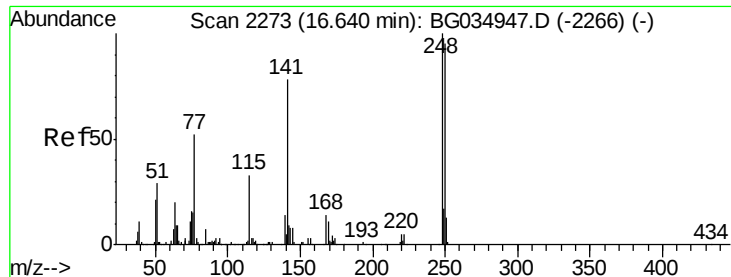
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Tgt 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

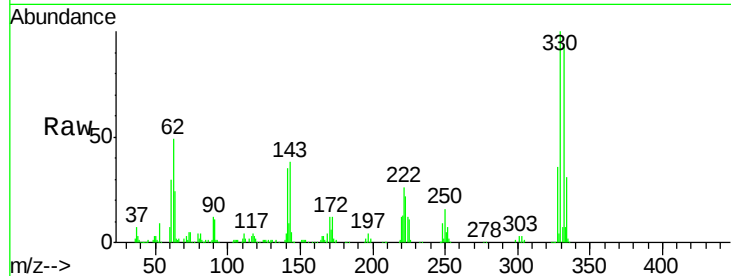




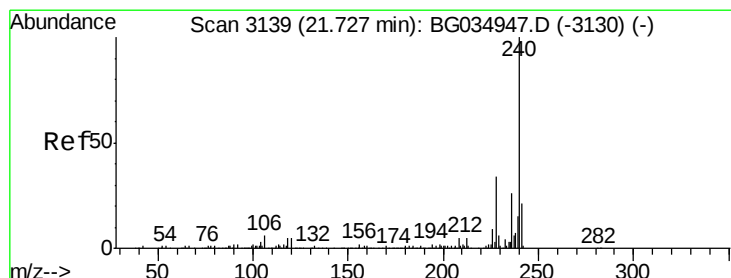
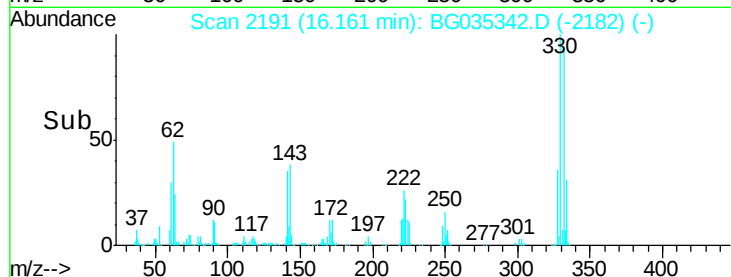
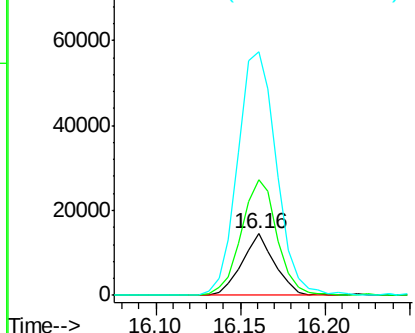
#66
4-Bromophenyl-phenylether
Concen: 5.785 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.47 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-3

Tgt Ion:248 Resp: 19759
Ion Ratio Lower Upper
248 100
250 189.2 77.1 115.7#
141 397.4 50.8 76.2#

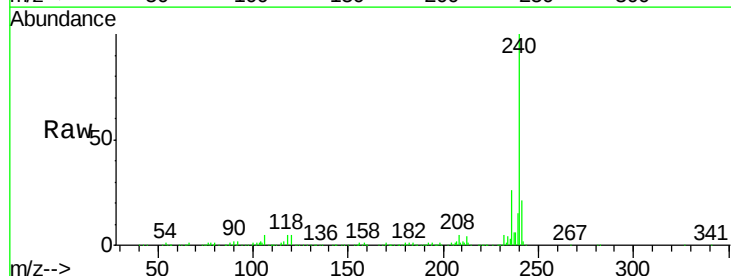


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

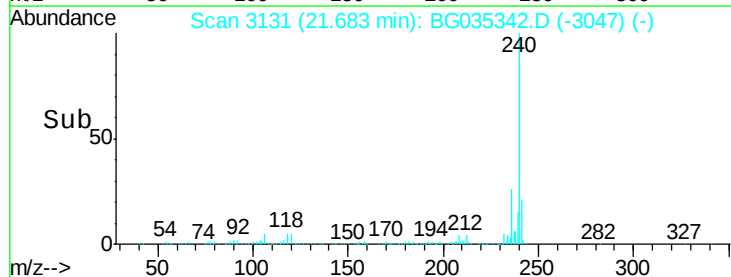
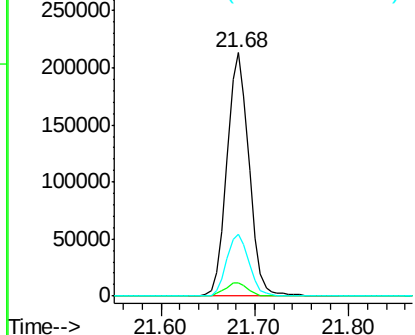


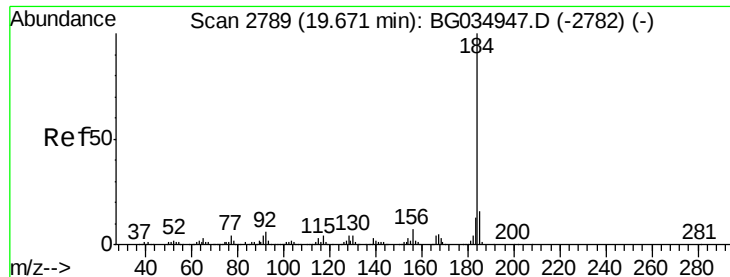
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

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

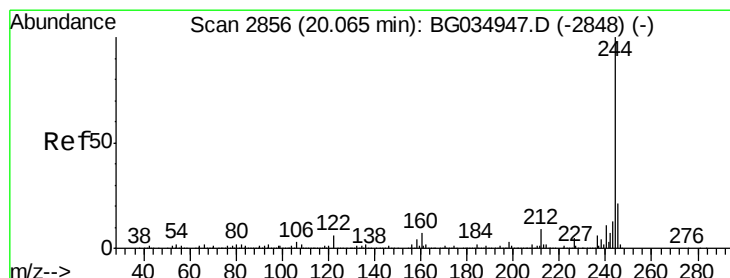
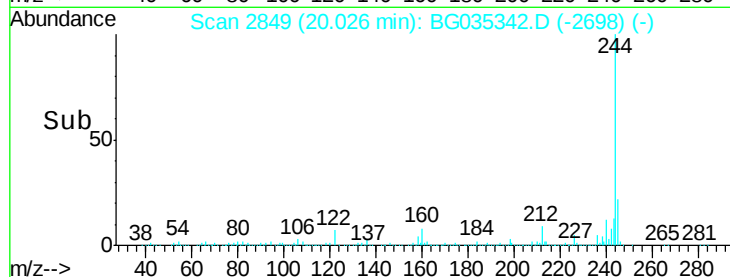
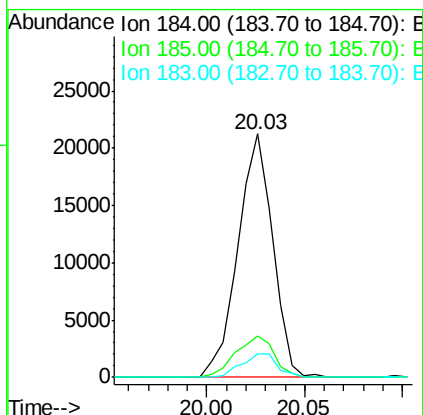
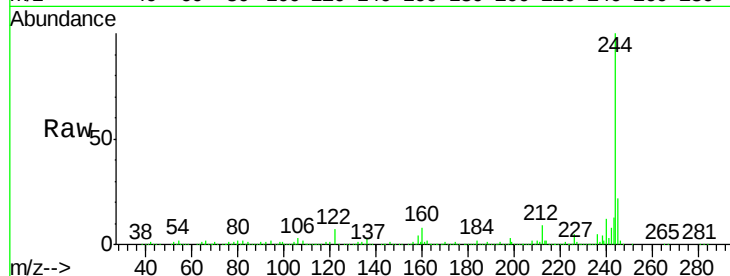




#76
Benzidine
Concen: 2.025 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035342.D
Acq: 22 Jun 2018 20:41

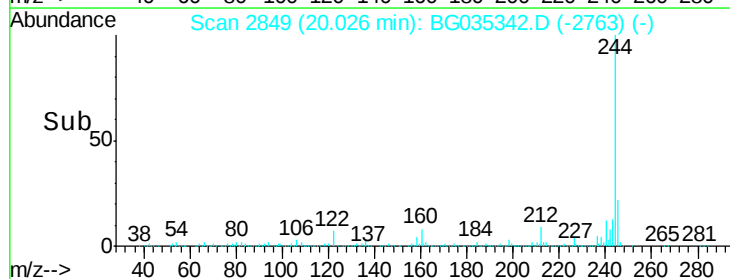
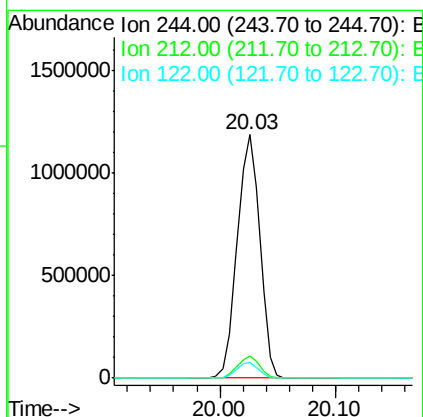
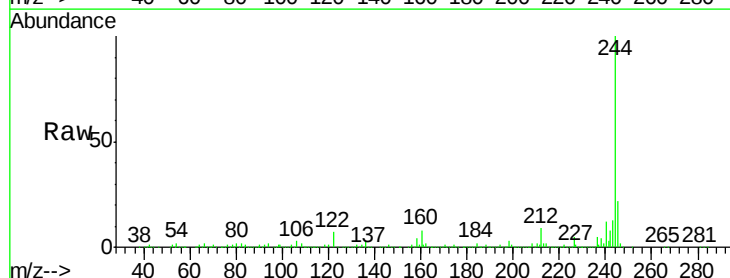
Instrument :
BNA_G
ClientSampled :
HC-SOIL-3

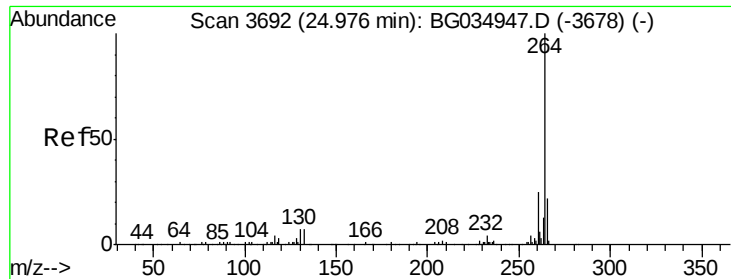
Tgt Ion:184 Resp: 26215
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 9.6 10.6 16.0#



#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

Tgt Ion:244 Resp: 1611094
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 6.6 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: BG035342.D
Acq: 22 Jun 2018 20:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-3

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

