

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037085.D
 Acq On : 1 Oct 2018 20:54
 Operator : JU/SJ
 Sample : J5170-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1

Quant Time: Oct 02 05:31:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

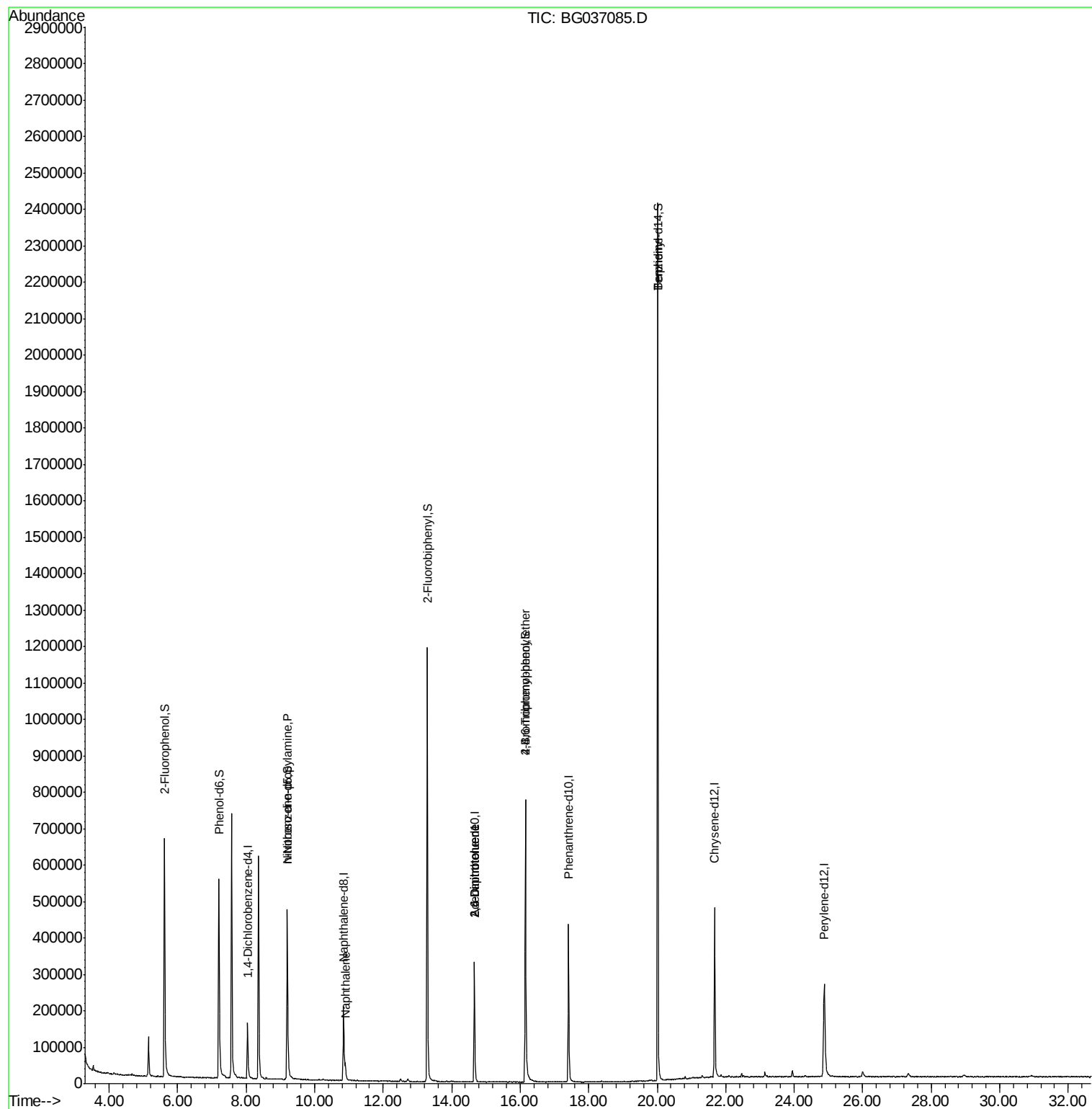
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50864	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	209618	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	125770	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	314422	20.00	ng	0.00
75) Chrysene-d12	21.67	240	326619	20.00	ng	-0.02
86) Perylene-d12	24.88	264	313540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	314289	118.50	ng	0.00
7) Phenol-d6	7.20	99	370120	90.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	337852	86.31	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	168093	111.71	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	695440	82.36	ng	-0.02
78) Terphenyl-d14	20.02	244	1181885	95.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	44170	12.939	ng	# 76
31) Naphthalene	10.89	128	37869	3.797	ng	# 95
50) 2,6-Dinitrotoluene	14.66	165	16241	7.353	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	16241	5.269	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	11513	3.219	ng	# 1
76) Benzidine	20.02	184	20947	2.122	ng	# 94

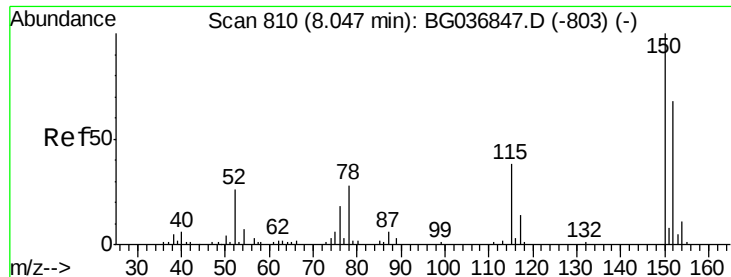
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
Data File : BG037085.D
Acq On : 1 Oct 2018 20:54
Operator : JU/SJ
Sample : J5170-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1

Quant Time: Oct 02 05:31:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



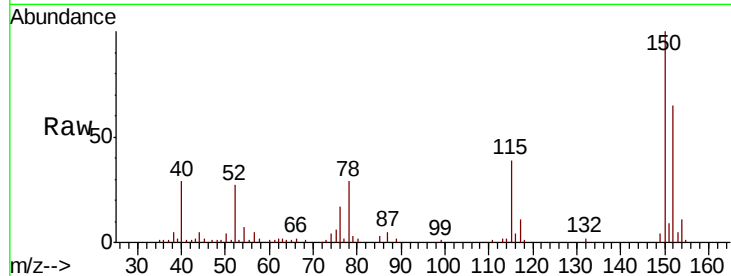


#1

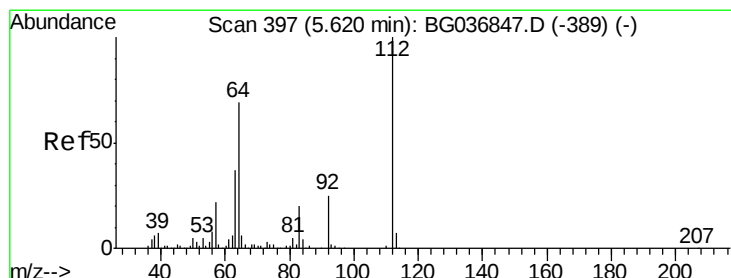
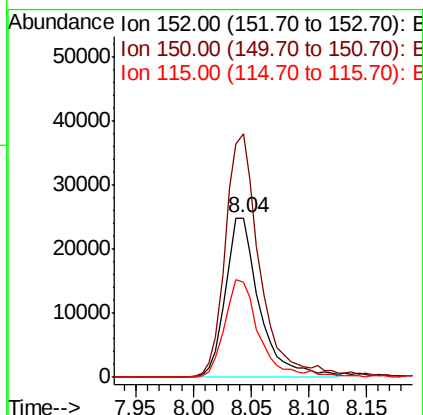
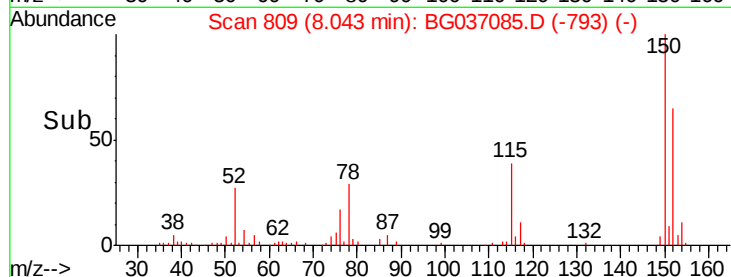
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1

Tgt Ion:152 Resp: 50864
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 60.1 44.5 66.7



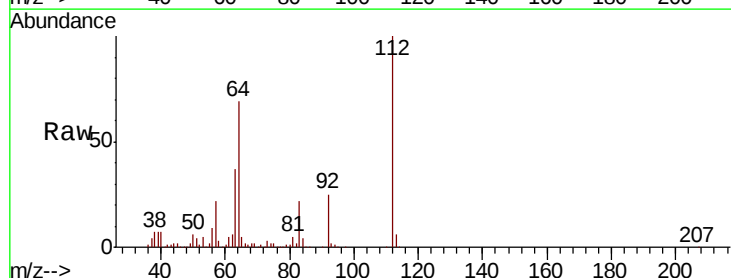
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



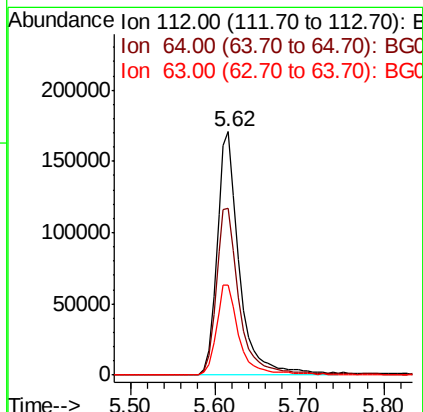
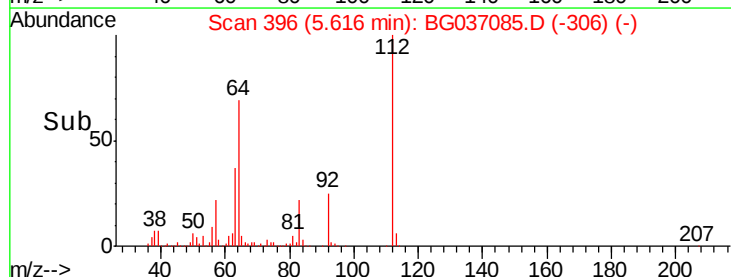
#5

2-Fluorophenol
Concen: 118.500 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Tgt Ion:112 Resp: 314289
Ion Ratio Lower Upper
112 100
64 68.7 57.2 85.8
63 36.8 30.8 46.2



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: 90.197 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-1

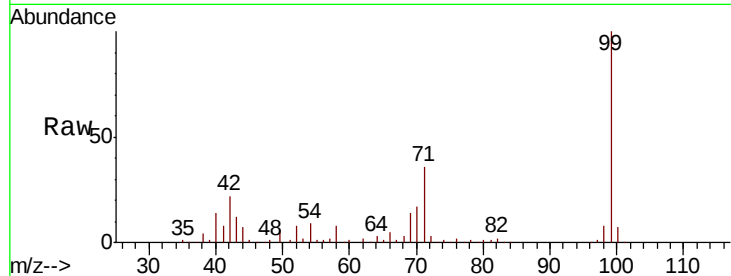
Tgt Ion: 99 Resp: 370120

Ion Ratio Lower Upper

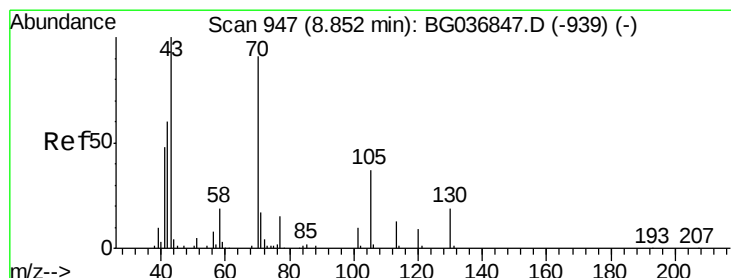
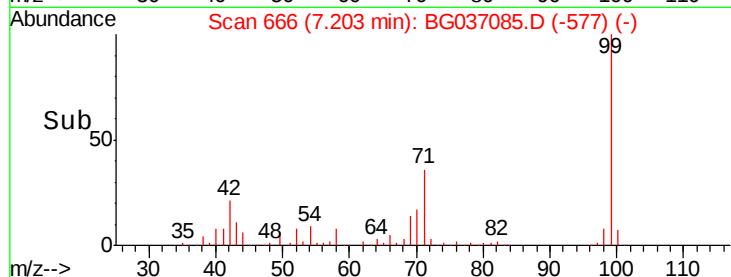
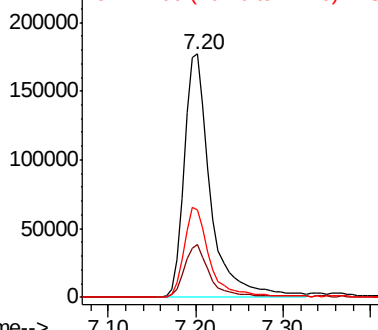
99 100

42 21.5 16.5 24.7

71 36.0 29.4 44.2



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: 12.939 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

Tgt Ion: 70 Resp: 44170

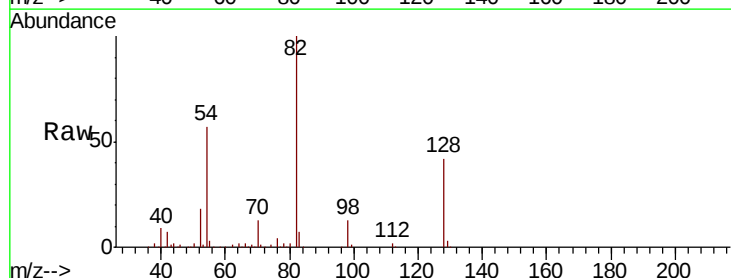
Ion Ratio Lower Upper

70 100

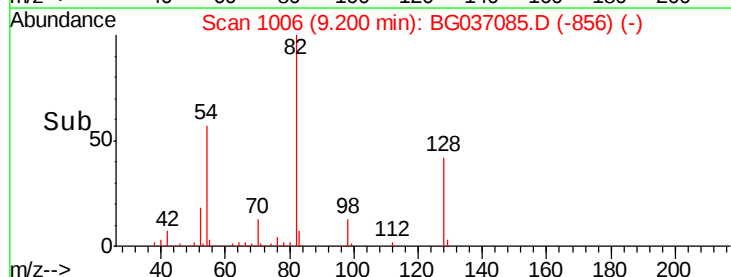
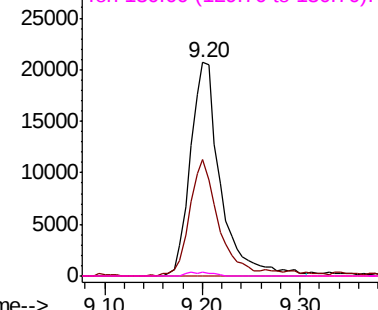
42 54.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#



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

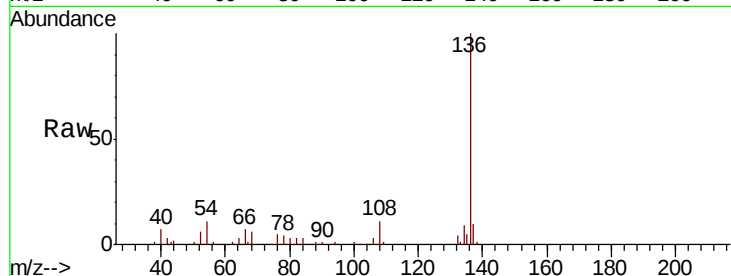




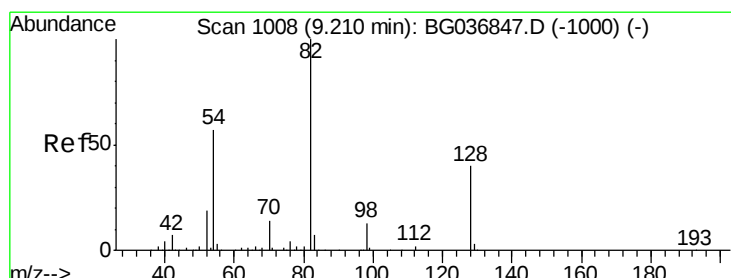
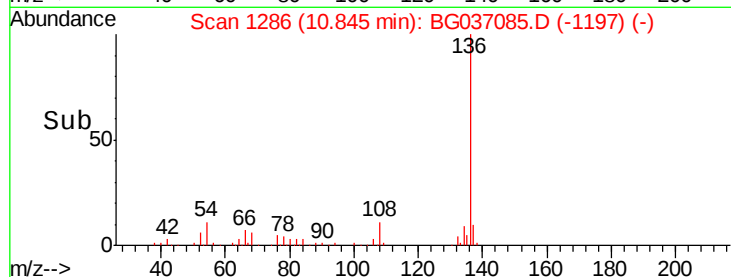
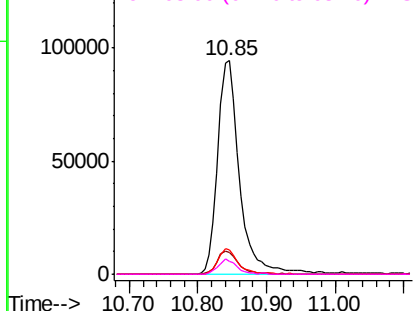
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1

Tgt Ion:	136	Resp:	209618
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	11.3	9.2	13.8
68	6.3	5.8	8.6

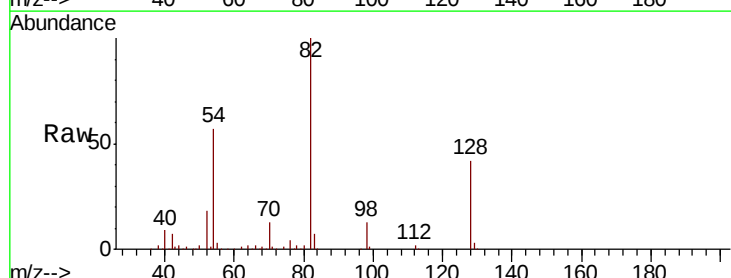


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

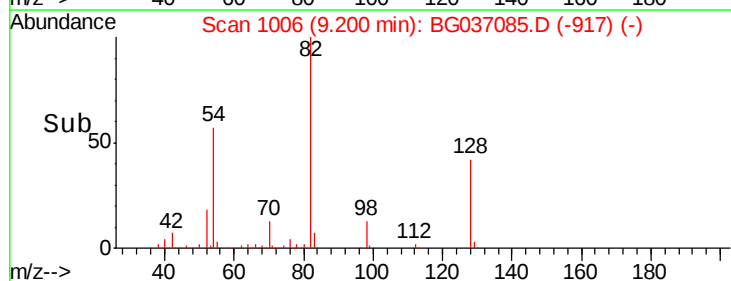
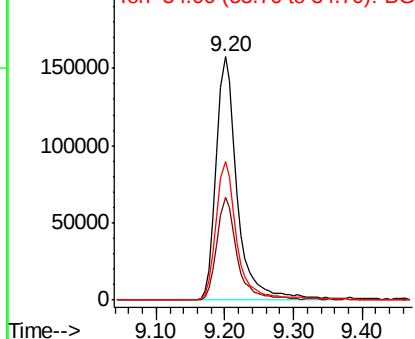


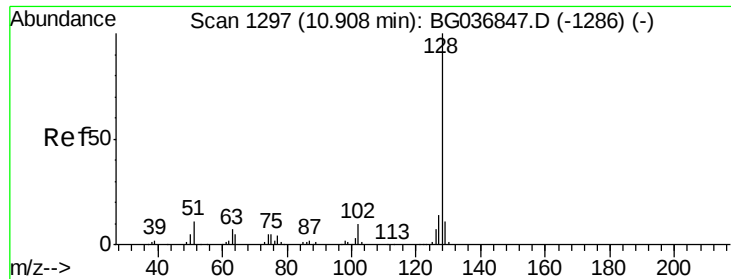
#23
Nitrobenzene-d5
Concen: 86.311 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Tgt Ion:	82	Resp:	337852
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	56.8	45.1	67.7



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

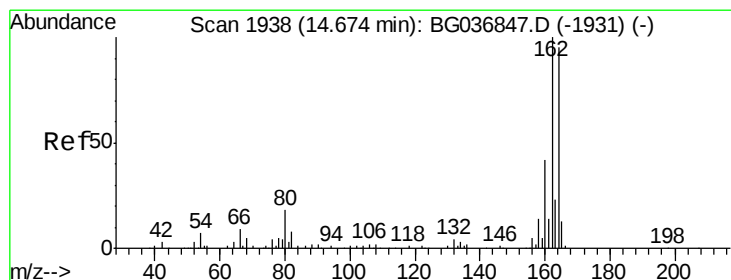
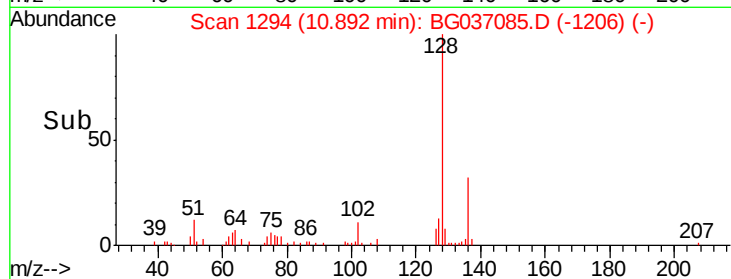
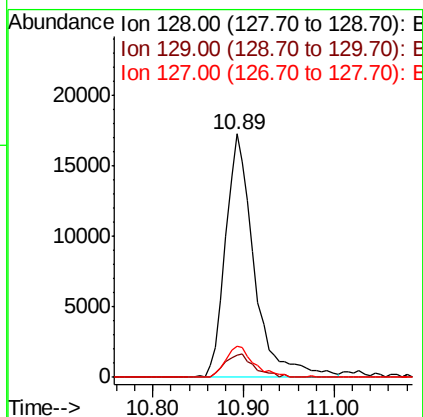
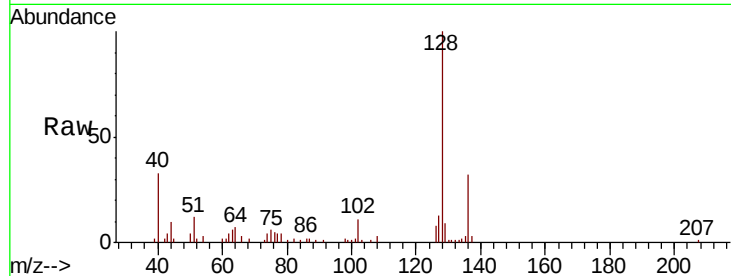




#31
Naphthalene
Concen: 3.797 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

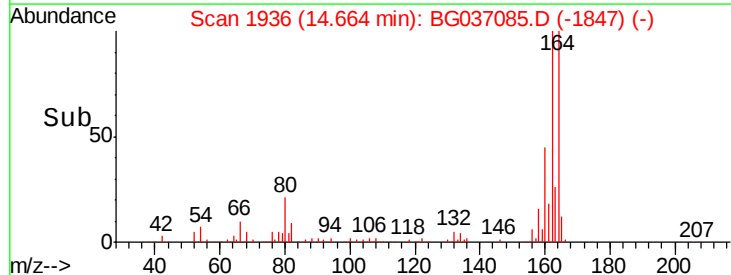
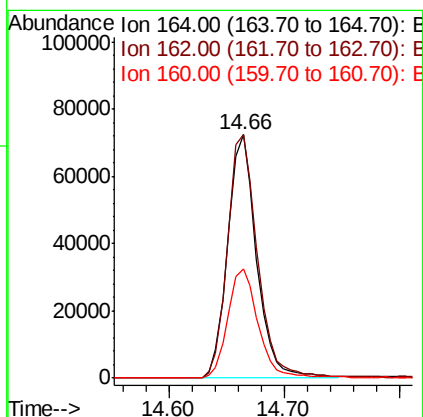
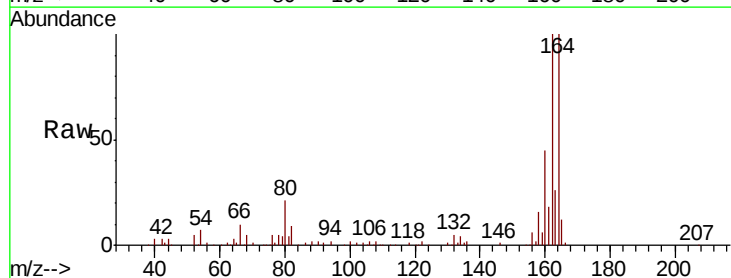
Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1

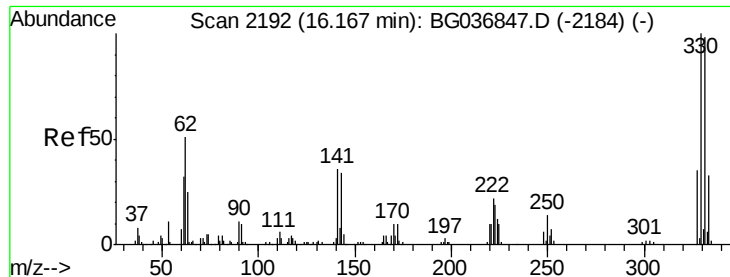
Tgt Ion:128 Resp: 37869
Ion Ratio Lower Upper
128 100
129 8.9 9.4 14.2#
127 12.9 11.0 16.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Tgt Ion:164 Resp: 125770
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.1 35.3 52.9

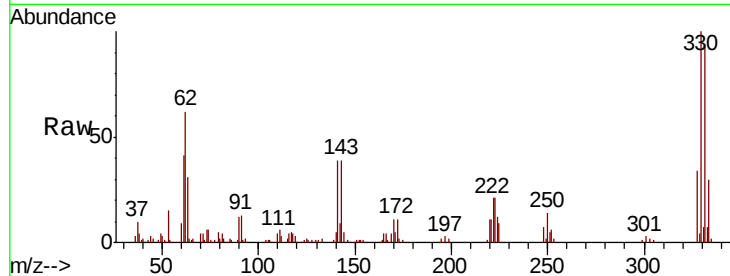




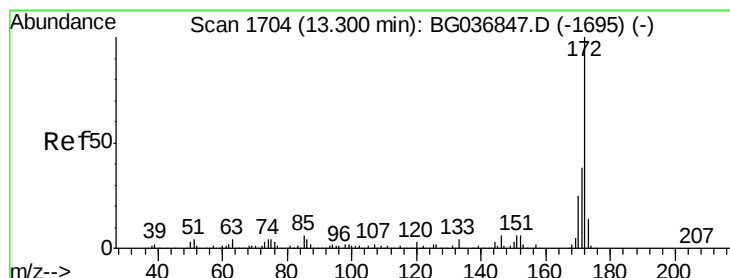
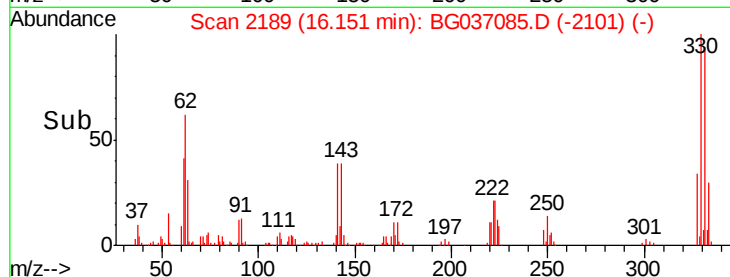
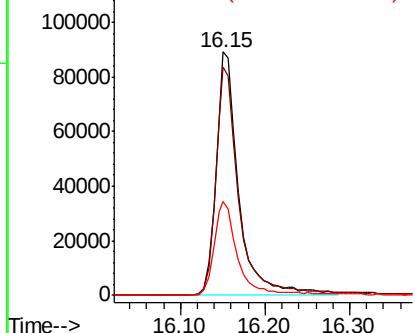
#41
 2,4,6-Tribromophenol
 Concen: 111.707 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037085.D
 Acq: 1 Oct 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1

Tgt Ion:330 Resp: 168093
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.2
 141 39.4 30.7 46.1

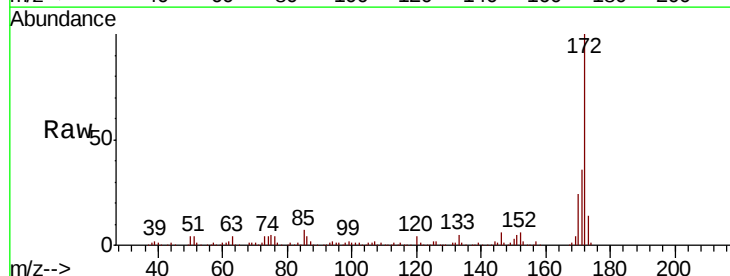


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

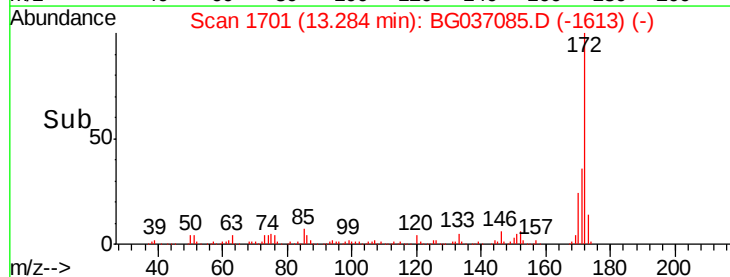
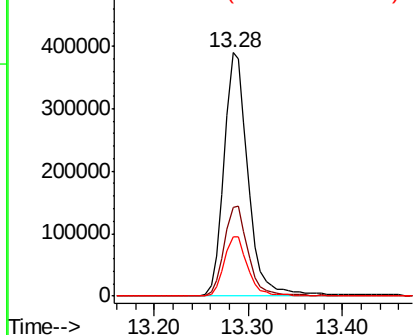


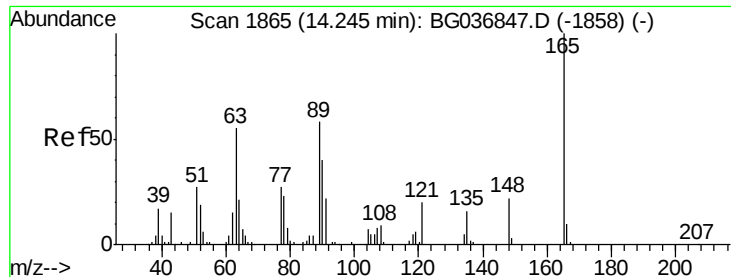
#44
 2-Fluorobiphenyl
 Concen: 82.355 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037085.D
 Acq: 1 Oct 2018 20:54

Tgt Ion:172 Resp: 695440
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.3 46.9
 170 24.4 21.0 31.6



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

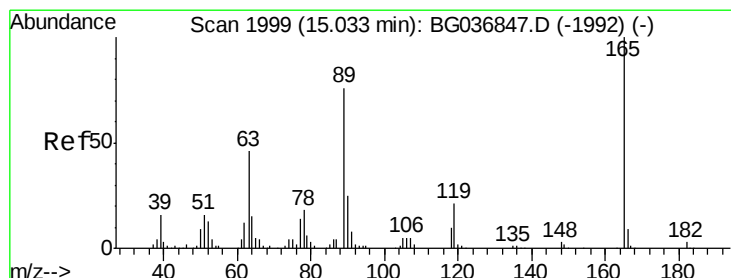
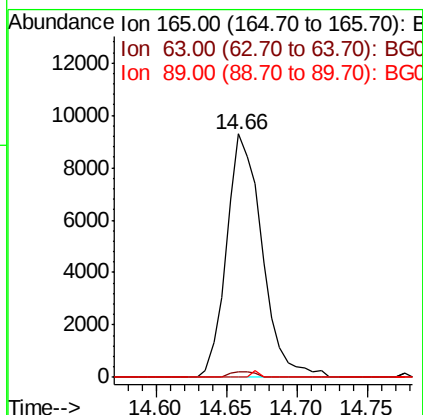
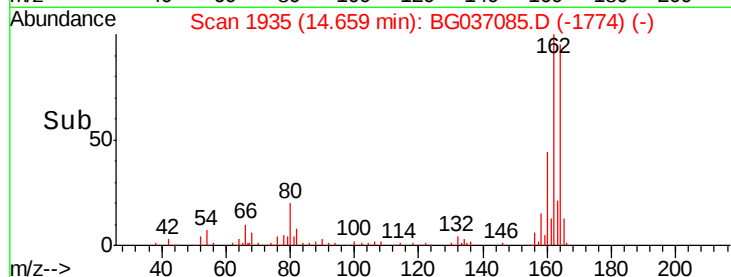
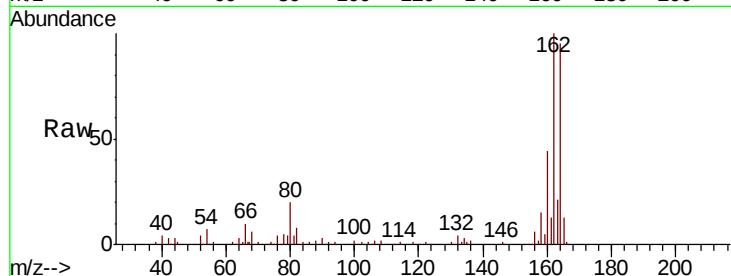




#50
2,6-Dinitrotoluene
Concen: 7.353 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

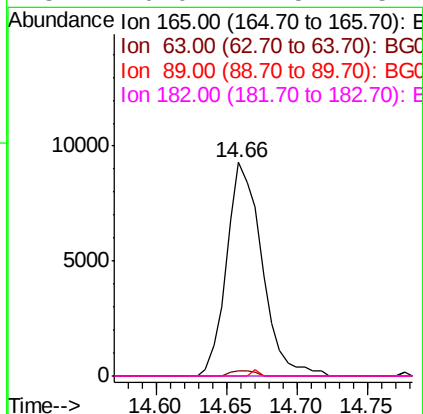
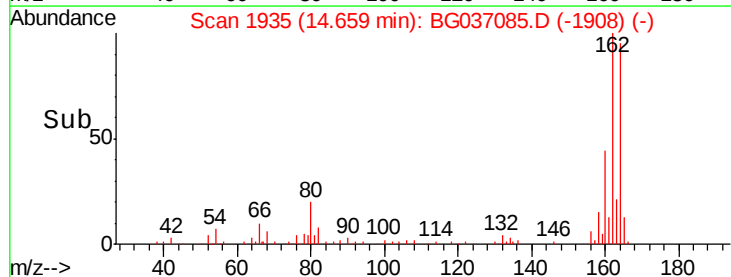
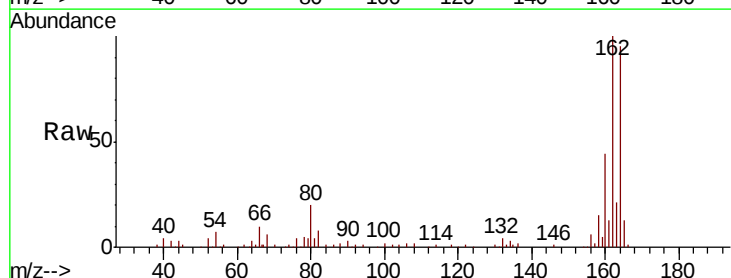
Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1

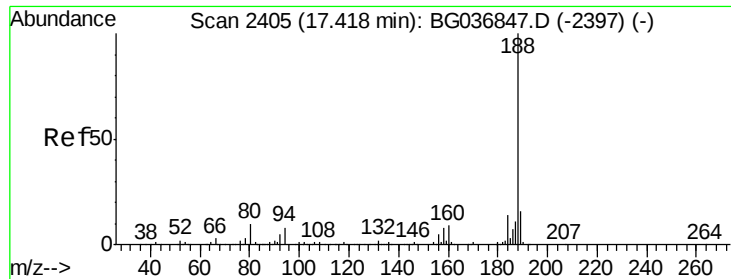
Tgt Ion:165 Resp: 16241
Ion Ratio Lower Upper
165 100
63 2.1 50.1 75.1#
89 0.0 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.37 min
Lab File: BG037085.D
Acq: 1 Oct 2018 20:54

Tgt Ion:165 Resp: 16241
Ion Ratio Lower Upper
165 100
63 2.1 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

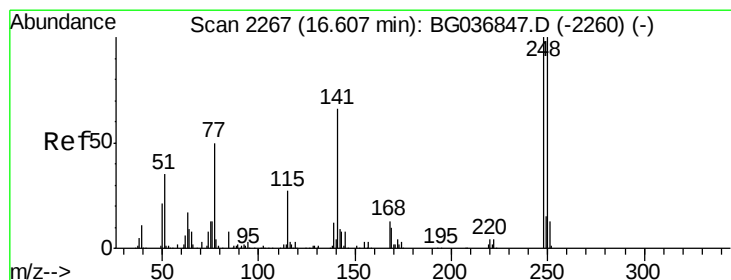
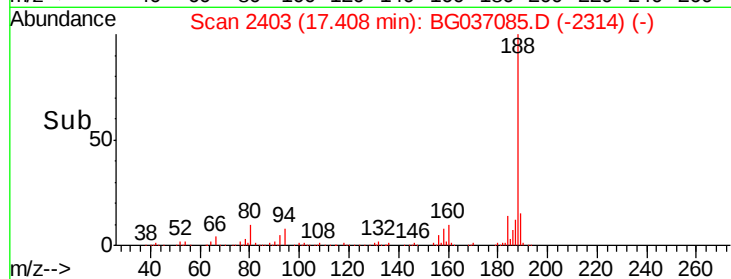
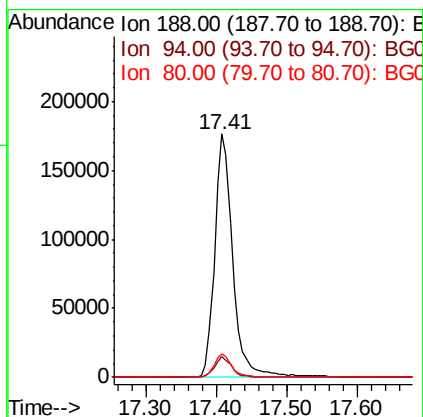
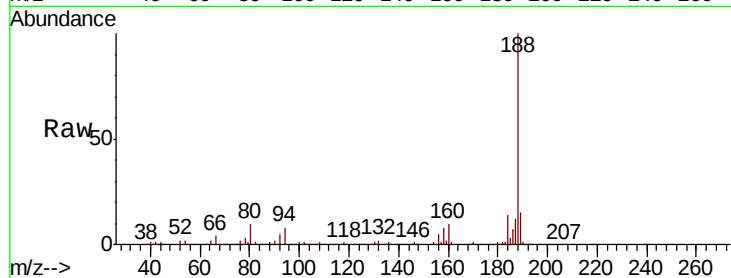




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037085.D
 Acq: 1 Oct 2018 20:54

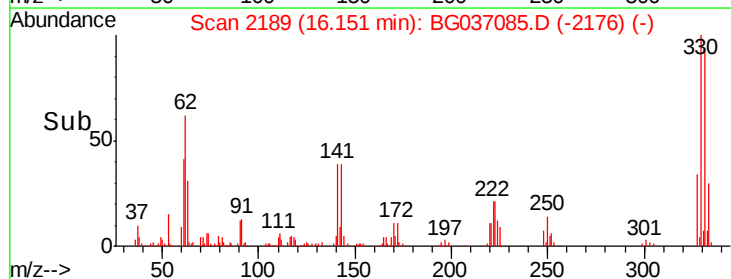
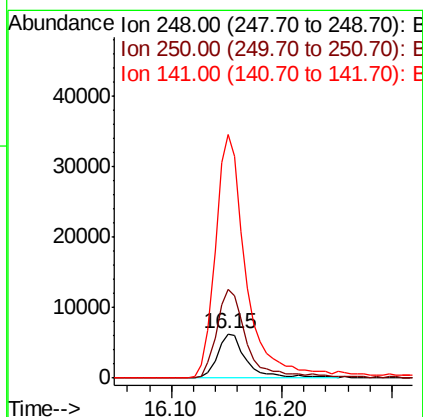
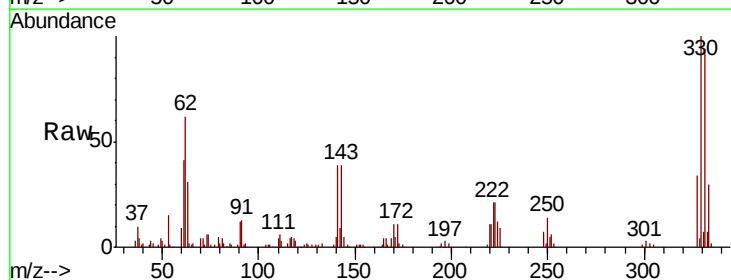
Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1

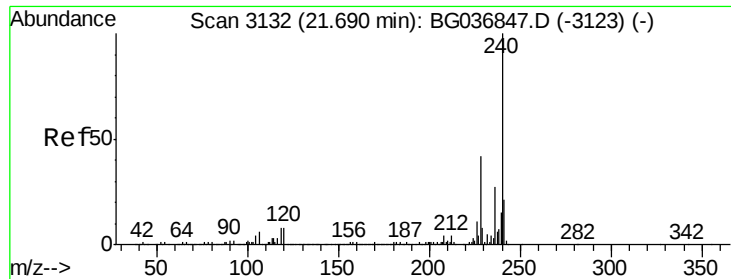
Tgt Ion:188 Resp: 314422
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.7 10.1
 80 9.7 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.219 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037085.D
 Acq: 1 Oct 2018 20:54

Tgt Ion:248 Resp: 11513
 Ion Ratio Lower Upper
 248 100
 250 200.1 78.1 117.1#
 141 547.5 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-1

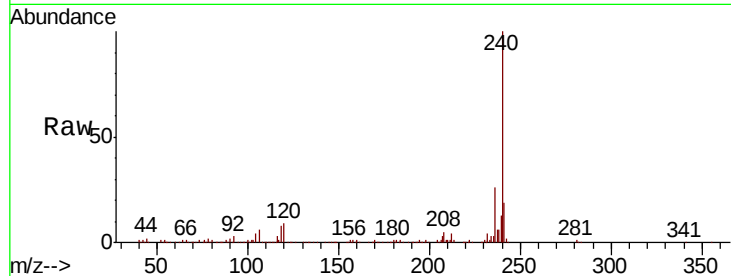
Tgt Ion:240 Resp: 326619

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

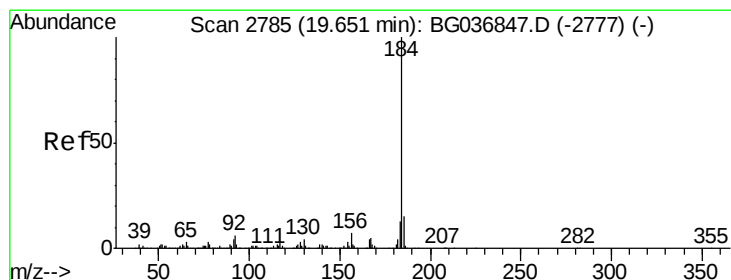
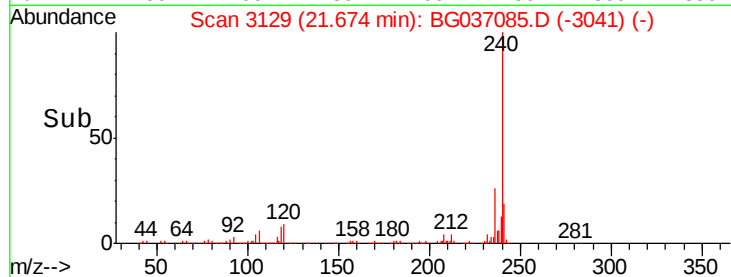
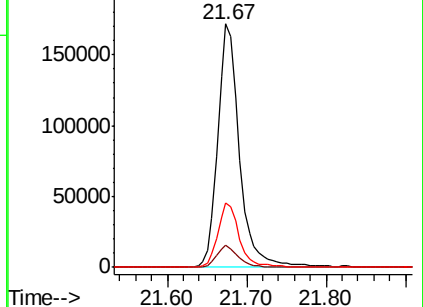
236 26.3 21.2 31.8



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: 2.122 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

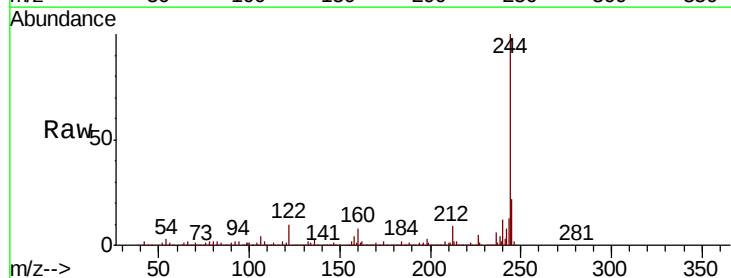
Tgt Ion:184 Resp: 20947

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

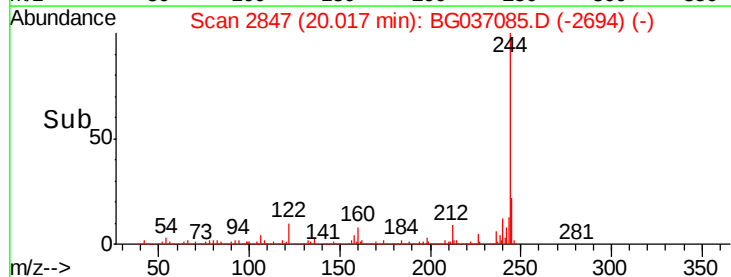
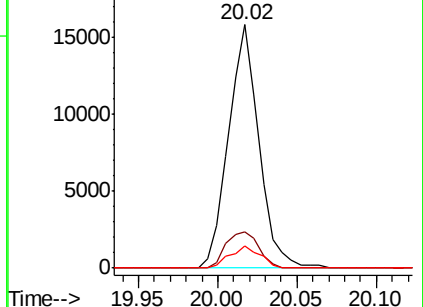
183 8.9 10.9 16.3#

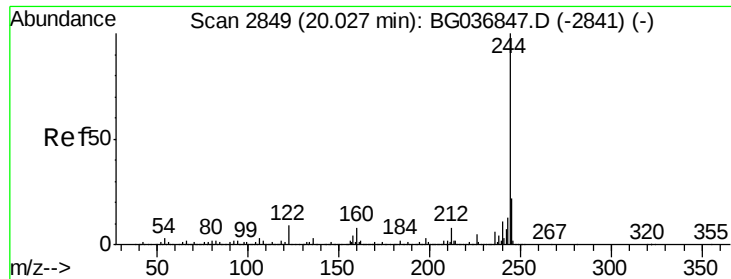


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.149 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

Instrument :

BNA_G

ClientSampled :

HC-SOIL-1

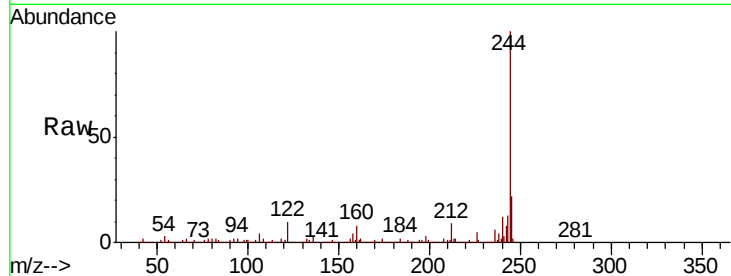
Tgt Ion:244 Resp: 1181885

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

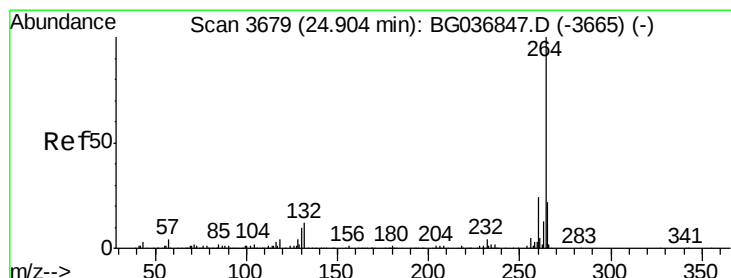
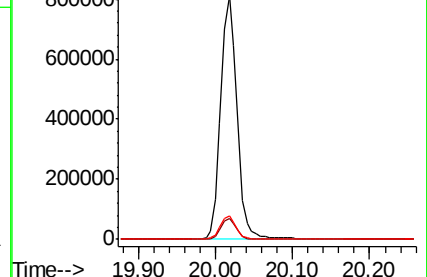
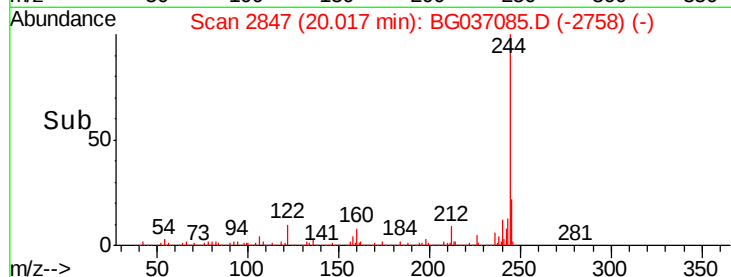
122 9.7 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037085.D

Acq: 1 Oct 2018 20:54

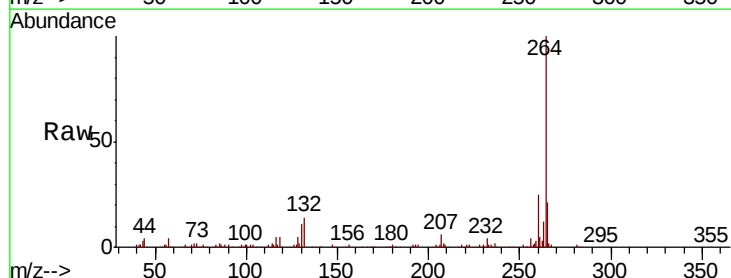
Tgt Ion:264 Resp: 313540

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 20.7 17.4 26.0



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

