

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037096.D
 Acq On : 2 Oct 2018 4:41
 Operator : JU/SJ
 Sample : J5170-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-2

Quant Time: Oct 02 07:01:01 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

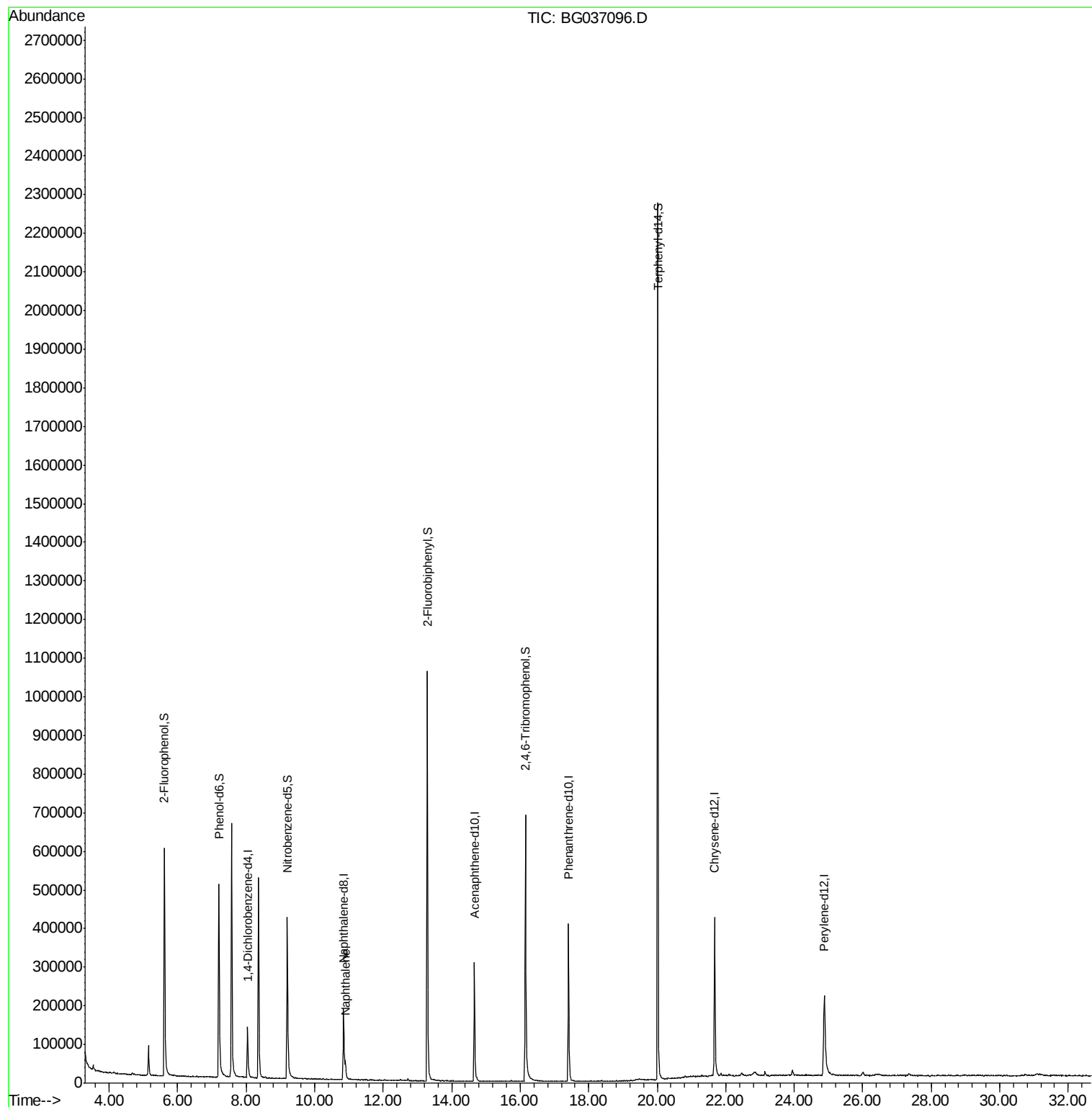
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45855	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	183470	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	115776	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	298350	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	321723	20.00	ng	-0.02
86) Perylene-d12	24.88	264	291341	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	296425	123.97	ng	0.00
7) Phenol-d6	7.20	99	354413	95.80	ng	-0.01
23) Nitrobenzene-d5	9.20	82	310644	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	154621	111.62	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	646372	83.15	ng	-0.02
78) Terphenyl-d14	20.02	244	1170992	95.71	ng	-0.01
Target Compounds						
31) Naphthalene	10.89	128	44532	5.101	ng	Qvalue 98

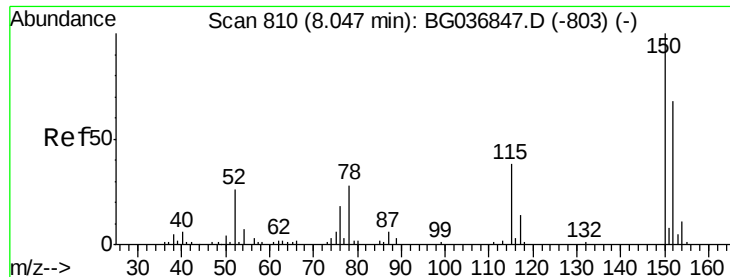
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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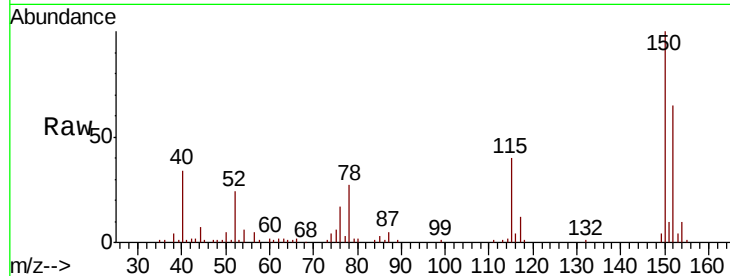


#1

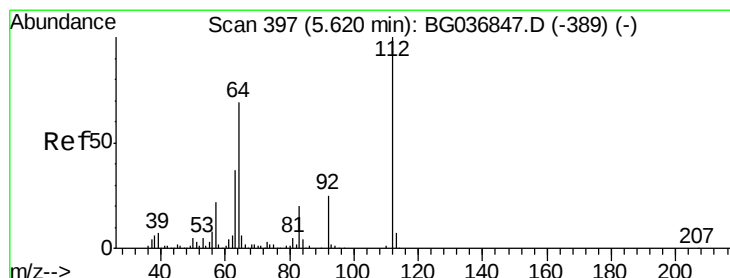
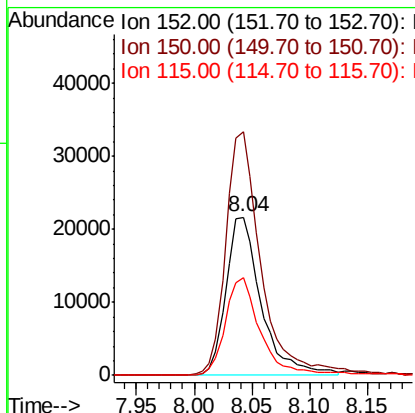
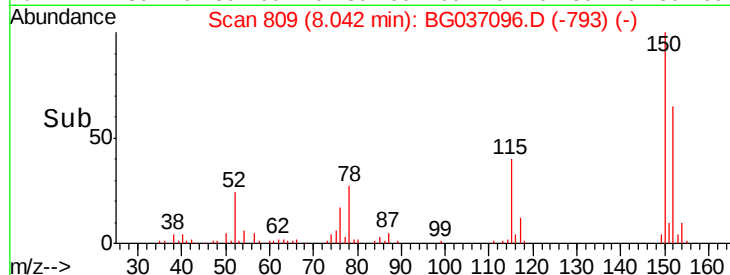
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037096.D
Acq: 2 Oct 2018 4:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-2

Tot Ion:152 Resp: 45855
Ion Ratio Lower Upper
152 100
150 154.2 119.5 179.3
115 62.1 44.5 66.7



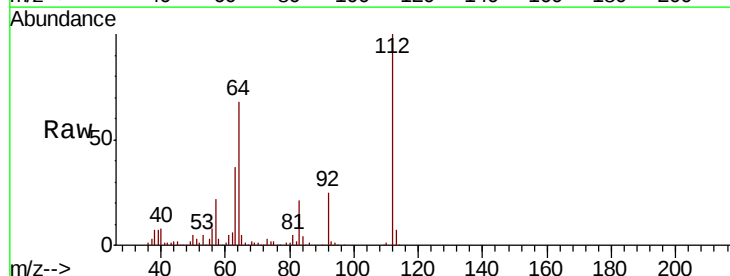
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



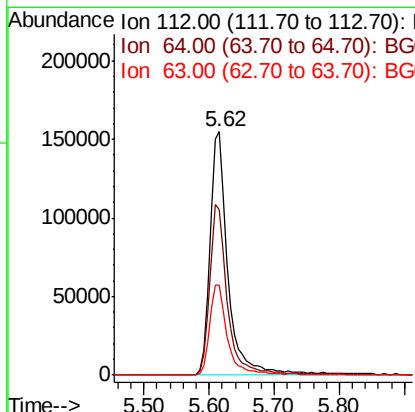
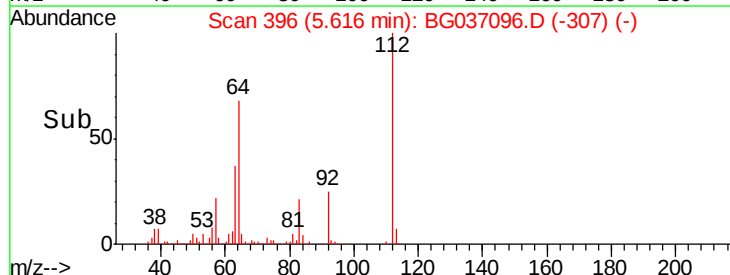
#5

2-Fluorophenol
Concen: 123.973 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037096.D
Acq: 2 Oct 2018 4:41

Tgt Ion:112 Resp: 296425
Ion Ratio Lower Upper
112 100
64 68.2 57.2 85.8
63 37.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.804 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037096.D

Acq: 2 Oct 2018 4:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

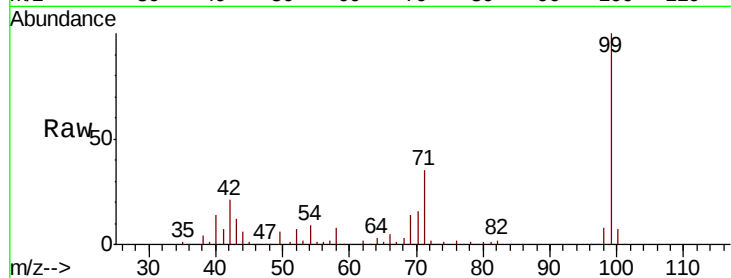
Tot Ion: 99 Resp: 354413

Ion Ratio Lower Upper

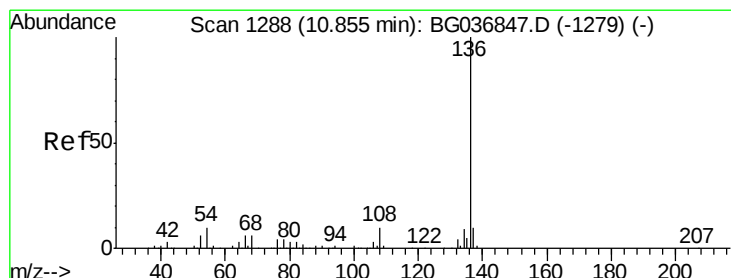
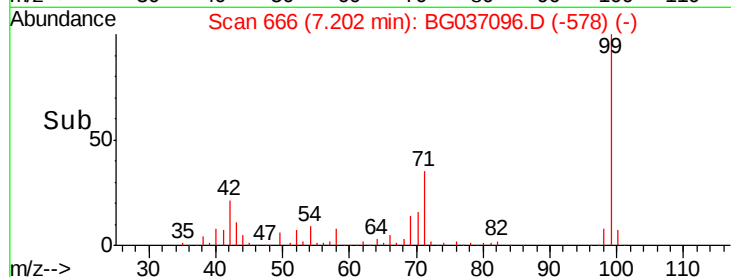
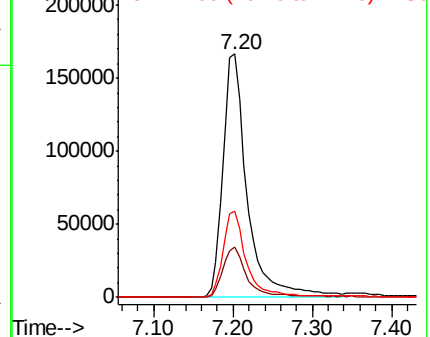
99 100

42 20.9 16.5 24.7

71 35.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037096.D

Acq: 2 Oct 2018 4:41

Tgt Ion: 136 Resp: 183470

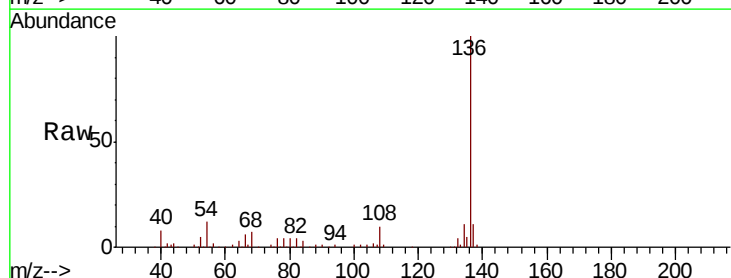
Ion Ratio Lower Upper

136 100

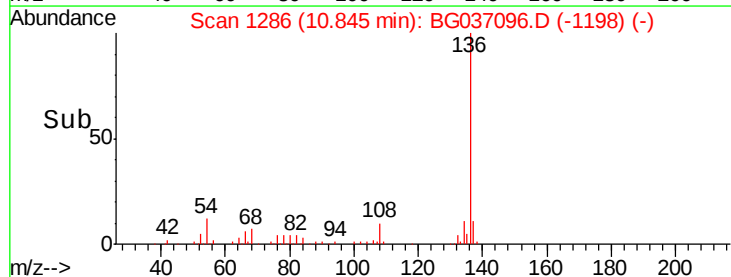
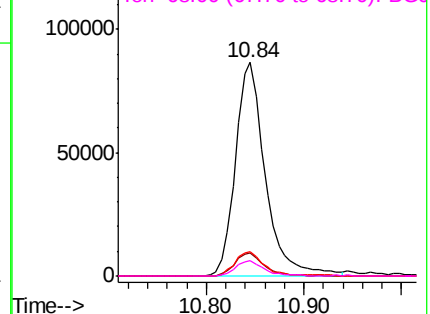
137 11.0 8.8 13.2

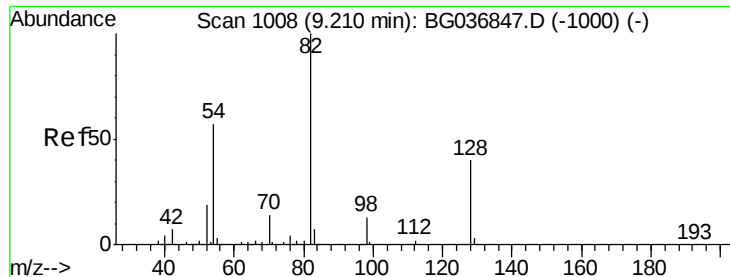
54 11.7 9.2 13.8

68 7.0 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

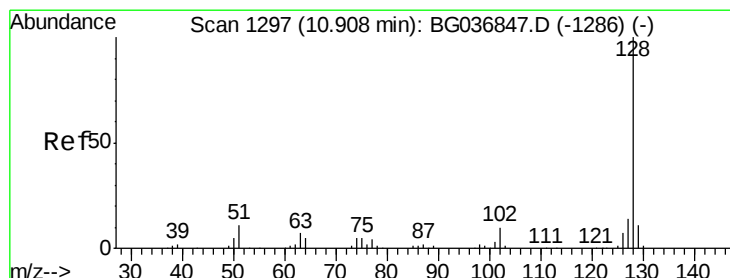
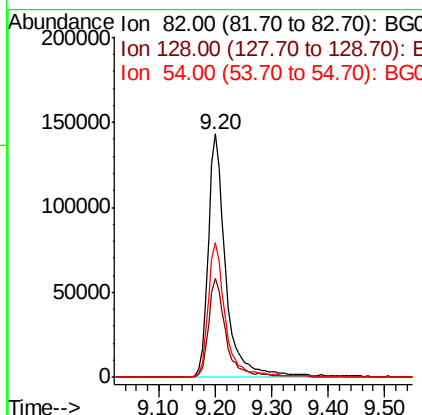
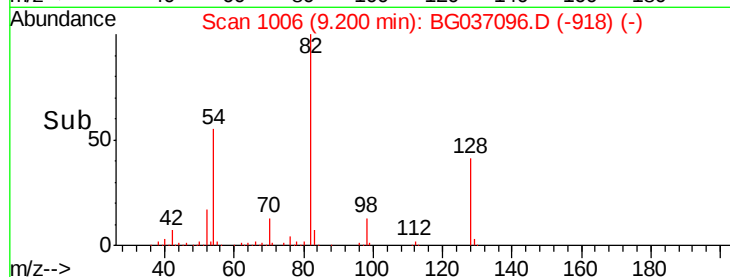
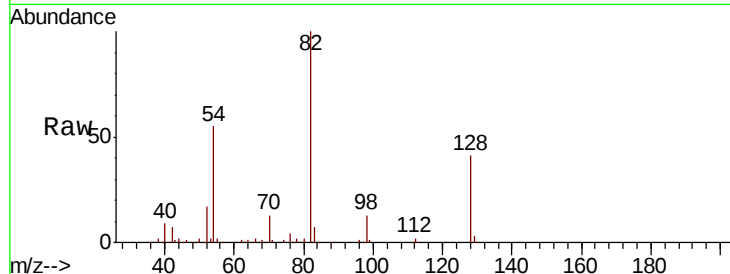




#23
Nitrobenzene-d5
Concen: 90.670 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037096.D
Acq: 2 Oct 2018 4:41

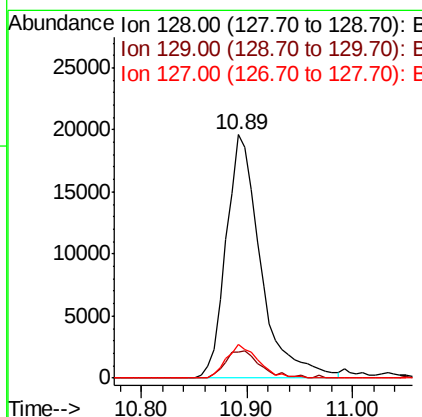
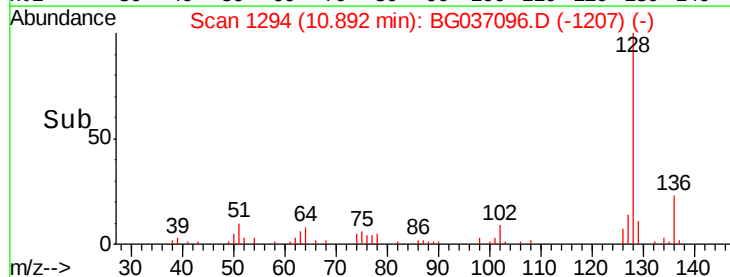
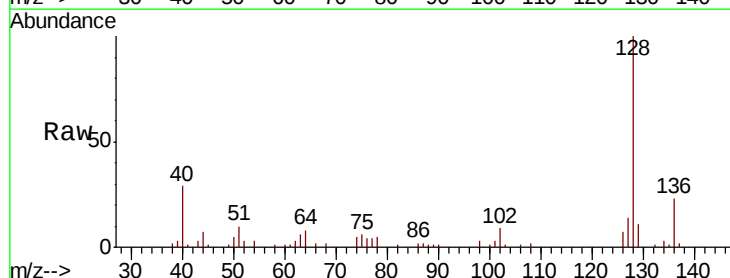
Instrument :
BNA_G
ClientSampleId :
HC-SOIL-2

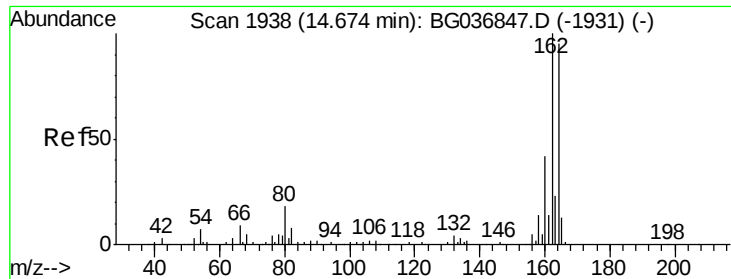
Tot Ion: 82 Resp: 310644
Ion Ratio Lower Upper
82 100
128 40.6 33.3 49.9
54 55.4 45.1 67.7



#31
Naphthalene
Concen: 5.101 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037096.D
Acq: 2 Oct 2018 4:41

Tgt Ion:128 Resp: 44532
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 14.0 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: BG037096.D

Acq: 2 Oct 2018 4:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

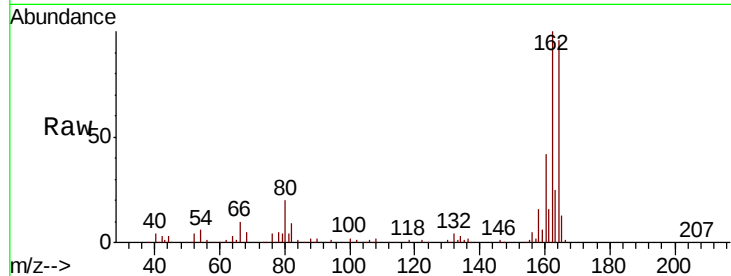
Tot Ion:164 Resp: 115776

Ion Ratio Lower Upper

164 100

162 103.9 80.7 121.1

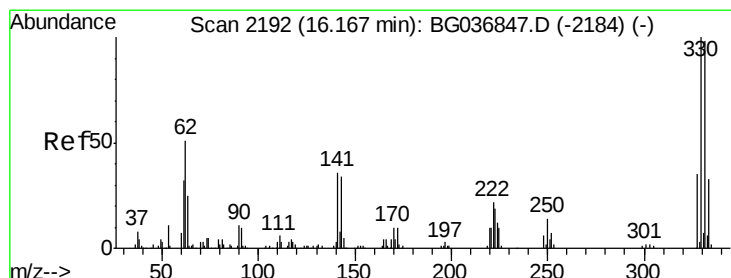
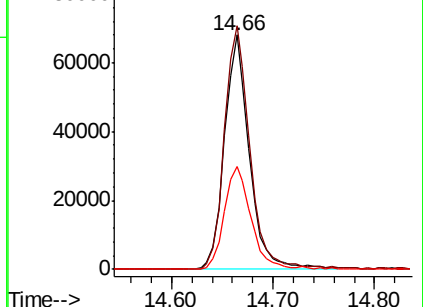
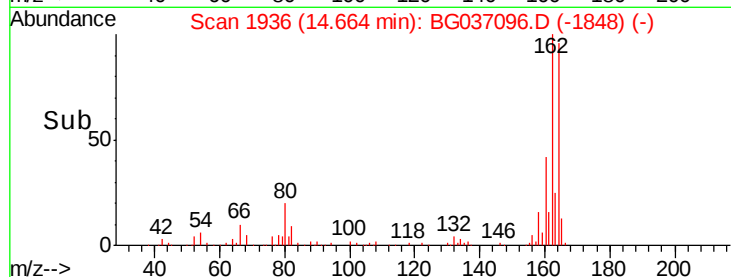
160 43.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 111.625 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037096.D

Acq: 2 Oct 2018 4:41

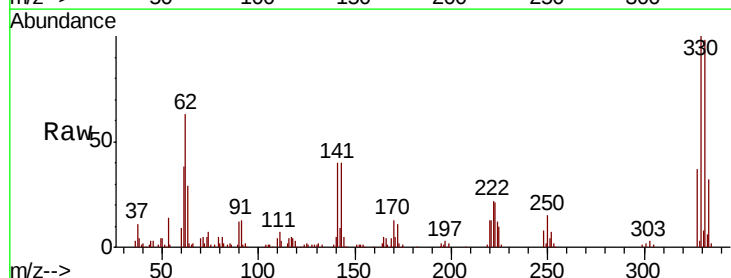
Tgt Ion:330 Resp: 154621

Ion Ratio Lower Upper

330 100

332 97.4 75.4 113.2

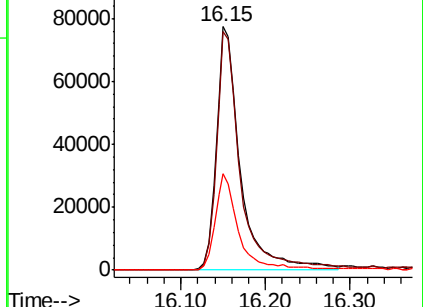
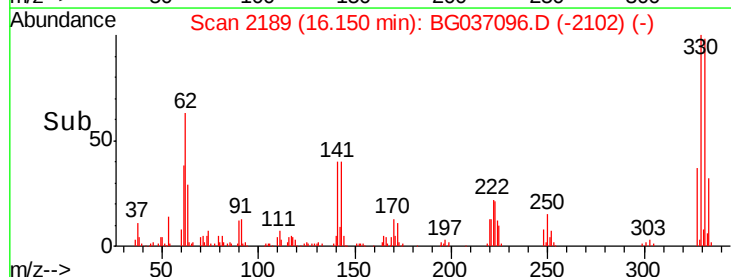
141 38.2 30.7 46.1



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

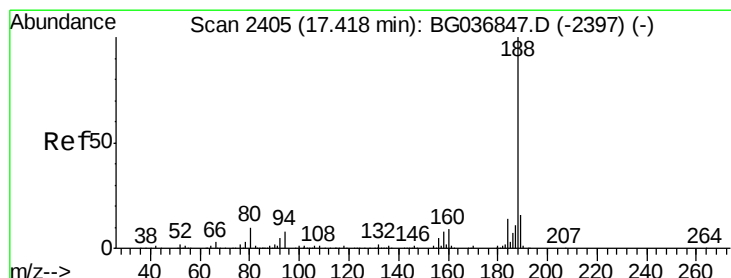
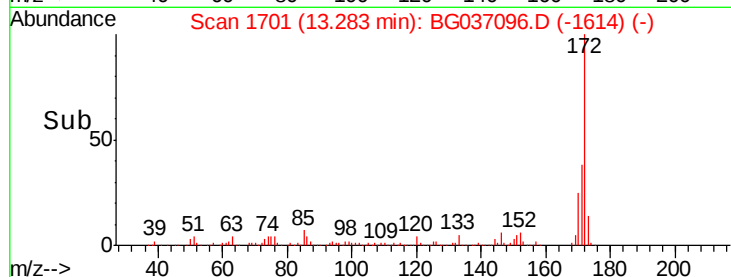
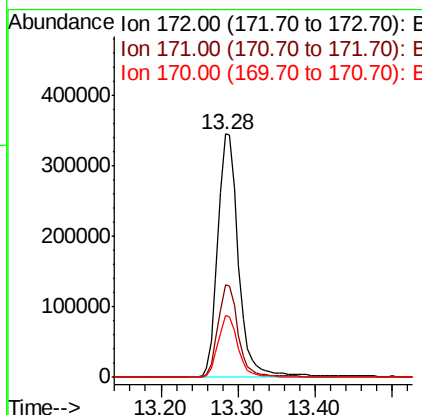
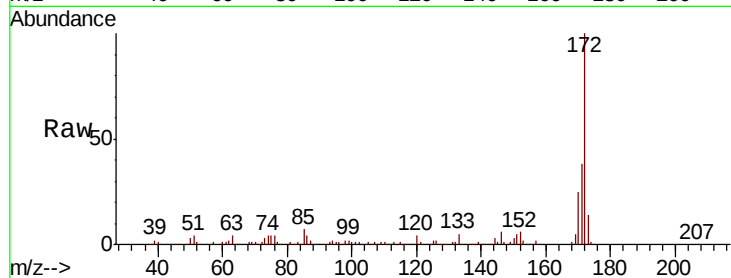




#44
 2-Fluorobiphenyl
 Concen: 83.152 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037096.D
 Acq: 2 Oct 2018 4:41

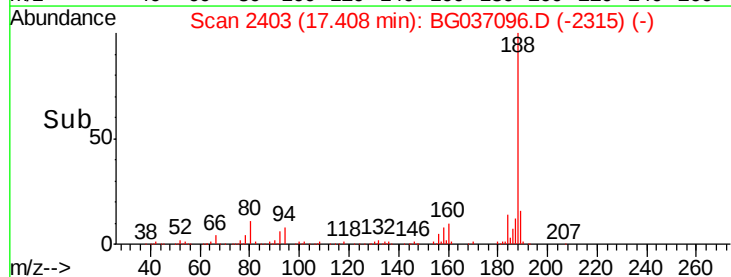
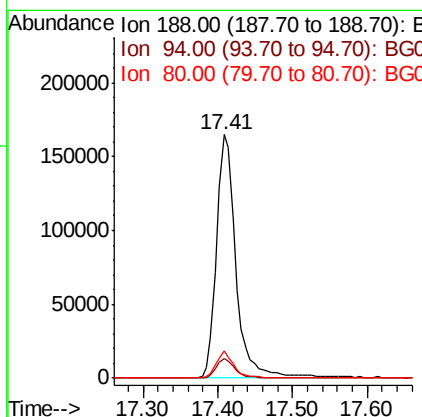
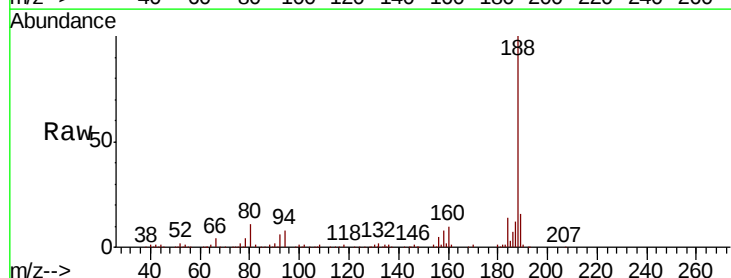
Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-2

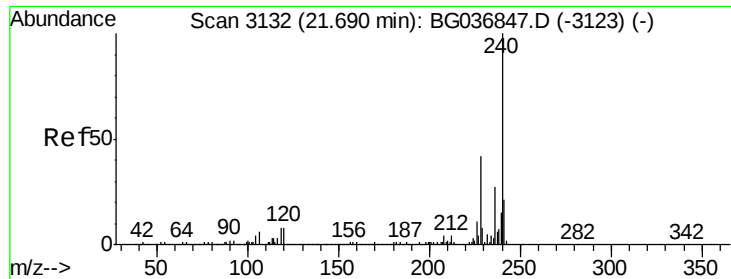
Tot Ion:172 Resp: 646372
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.2 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037096.D
 Acq: 2 Oct 2018 4:41

Tgt Ion:188 Resp: 298350
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 11.0 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037096.D

Acq: 2 Oct 2018 4:41

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-2

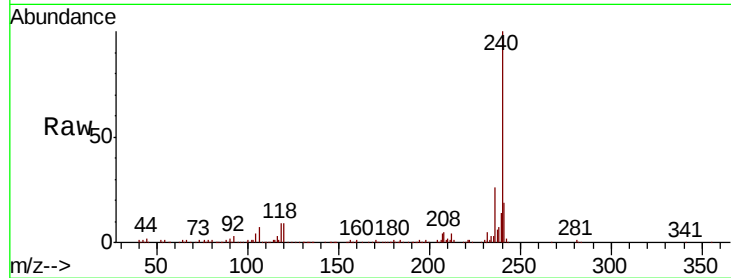
Tot Ion:240 Resp: 321723

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

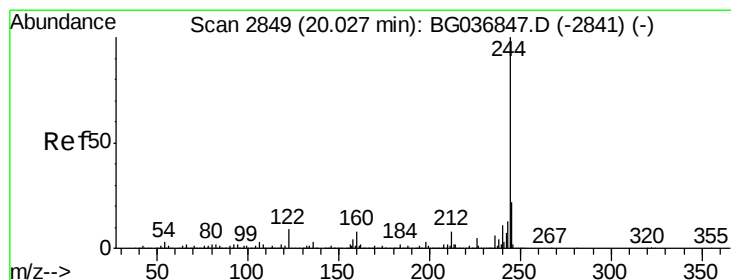
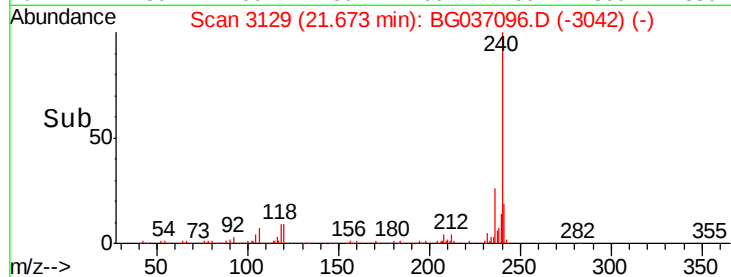
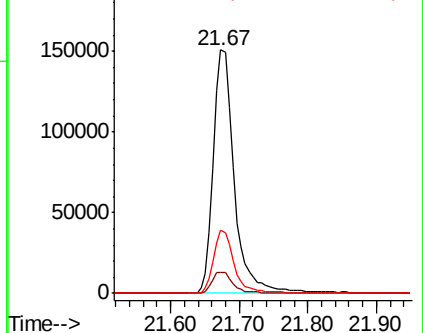
236 25.9 21.2 31.8



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



#78

Terphenyl-d14

Concen: 95.707 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037096.D

Acq: 2 Oct 2018 4:41

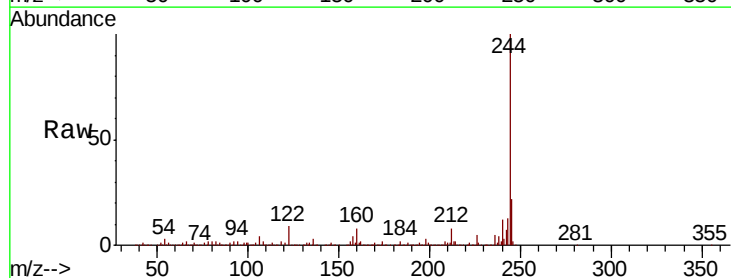
Tgt Ion:244 Resp: 1170992

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

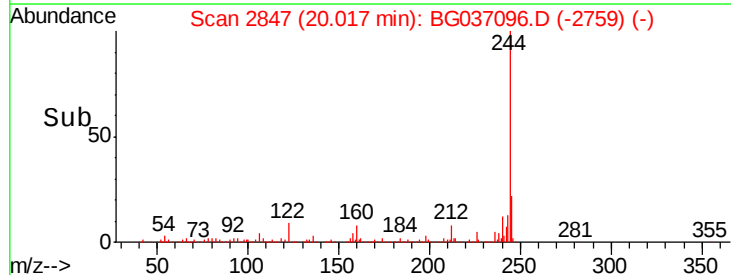
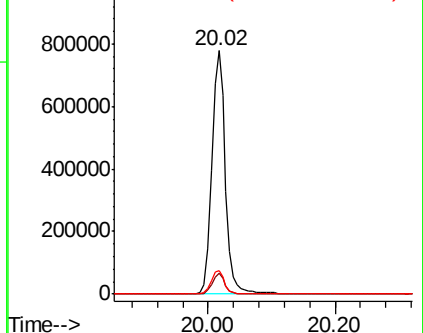
122 9.5 7.1 10.7

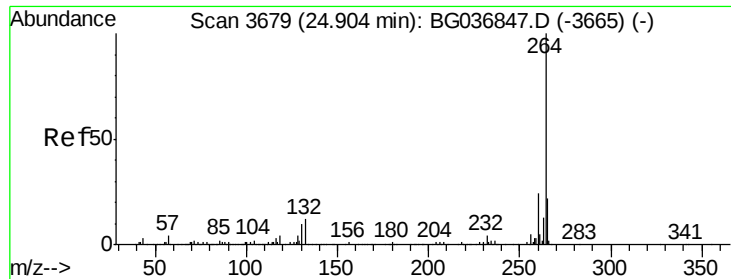


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037096.D
Acq: 2 Oct 2018 4:41

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.5	17.4	26.0

