

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037097.D
 Acq On : 2 Oct 2018 5:20
 Operator : JU/SJ
 Sample : J5170-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-3

Quant Time: Oct 02 07:03:40 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	50564	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	205305	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	128883	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	323026	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	332092	20.00	ng	-0.02
86) Perylene-d12	24.87	264	305625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	309344	117.33	ng	0.00
7) Phenol-d6	7.20	99	369623	90.61	ng	-0.01
23) Nitrobenzene-d5	9.20	82	335771	87.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	157830	102.35	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	713206	82.42	ng	-0.01
78) Terphenyl-d14	20.02	244	1182634	93.64	ng	-0.01

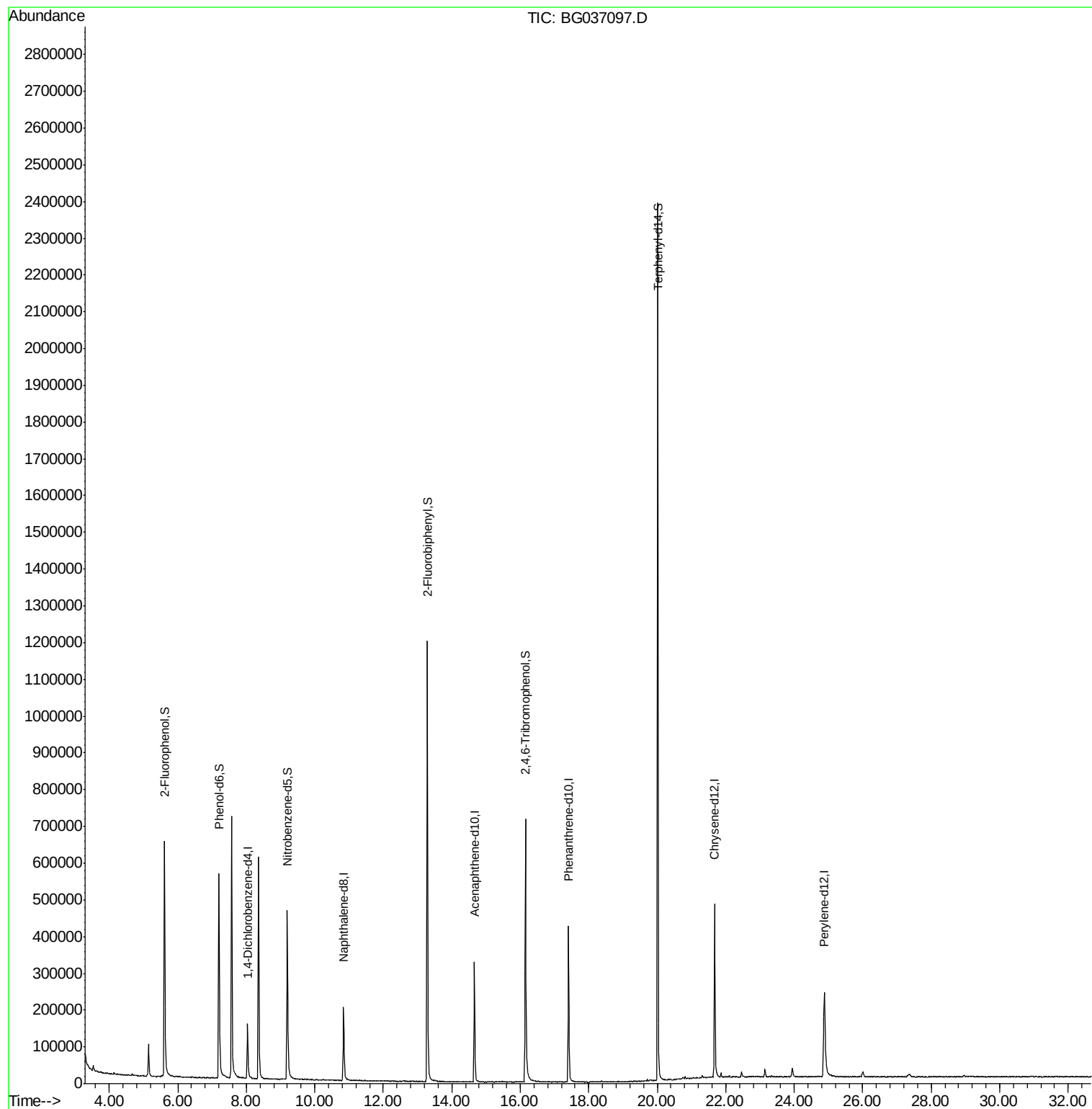
Target Compounds Qvalue

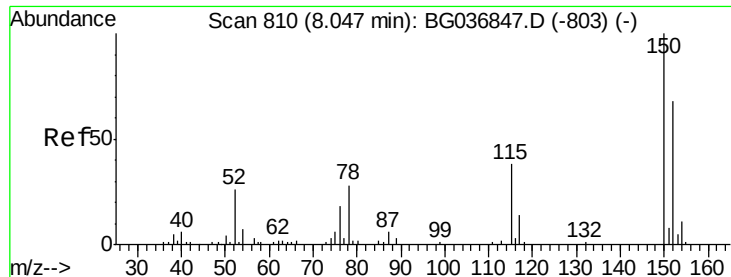
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037097.D

Acq: 2 Oct 2018 5:20

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

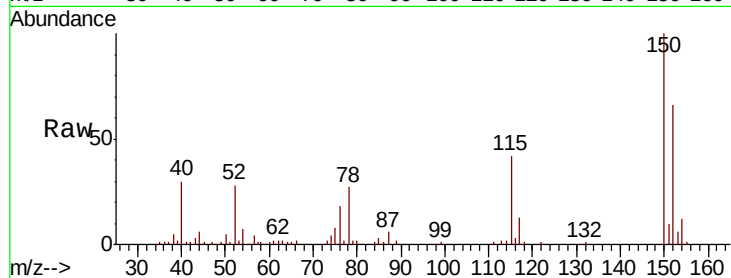
Tot Ion:152 Resp: 50564

Ion Ratio Lower Upper

152 100

150 152.4 119.5 179.3

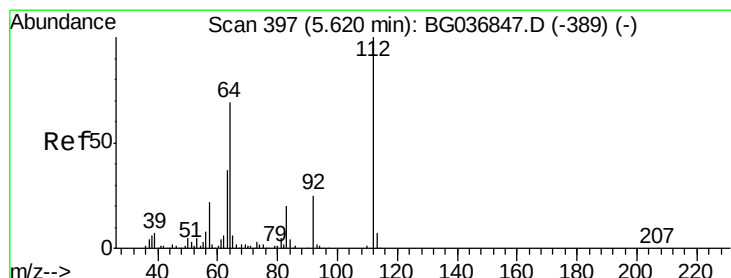
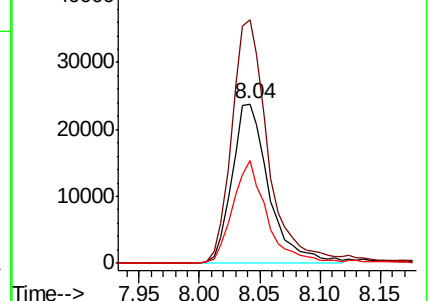
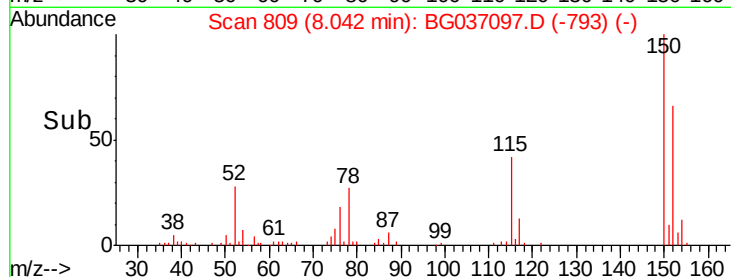
115 64.1 44.5 66.7



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: 117.327 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037097.D

Acq: 2 Oct 2018 5:20

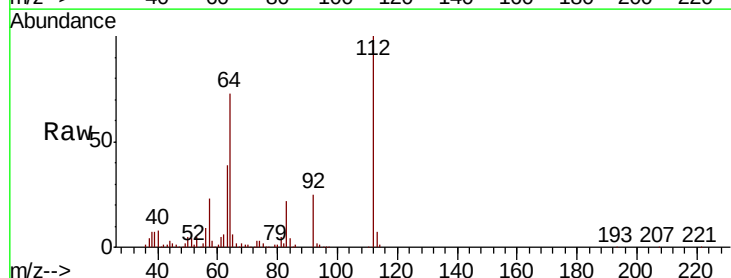
Tgt Ion:112 Resp: 309344

Ion Ratio Lower Upper

112 100

64 72.8 57.2 85.8

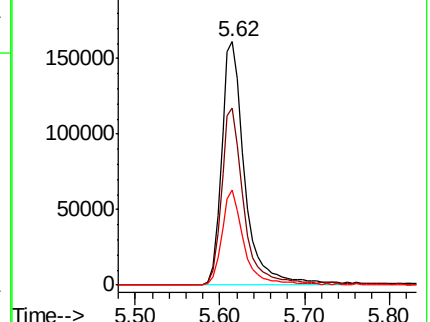
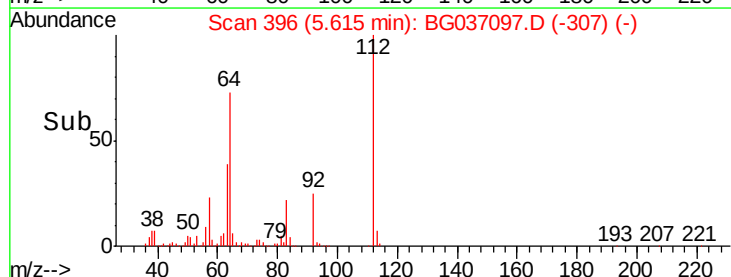
63 39.1 30.8 46.2

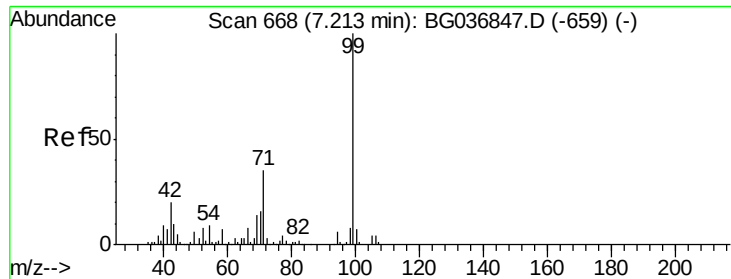


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 90.611 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037097.D

Acq: 2 Oct 2018 5:20

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-3

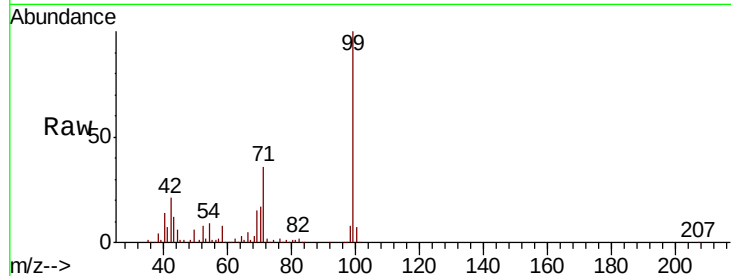
Tot Ion: 99 Resp: 369623

Ion Ratio Lower Upper

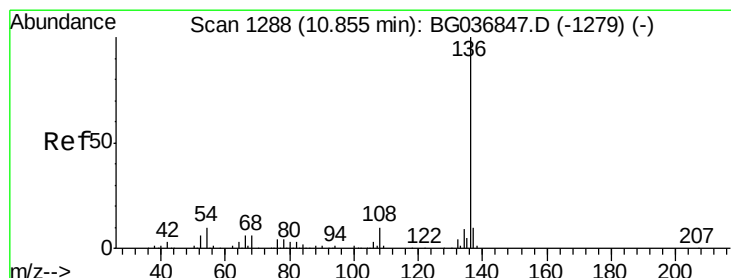
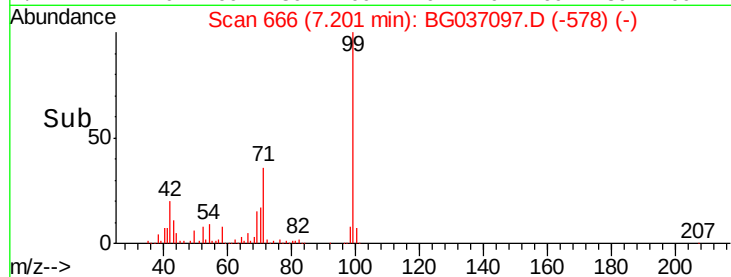
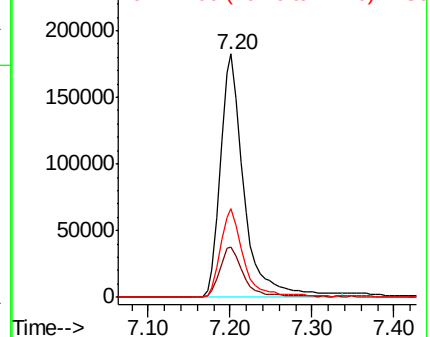
99 100

42 20.6 16.5 24.7

71 36.3 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: BG037097.D

Acq: 2 Oct 2018 5:20

Tgt Ion: 136 Resp: 205305

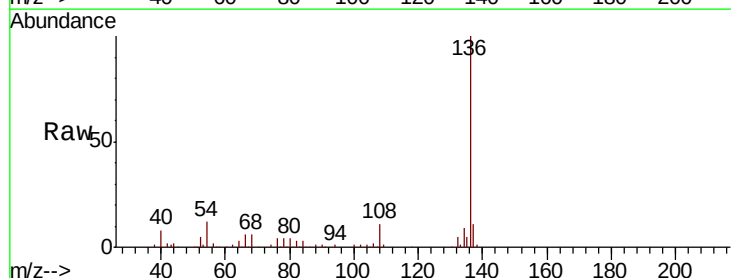
Ion Ratio Lower Upper

136 100

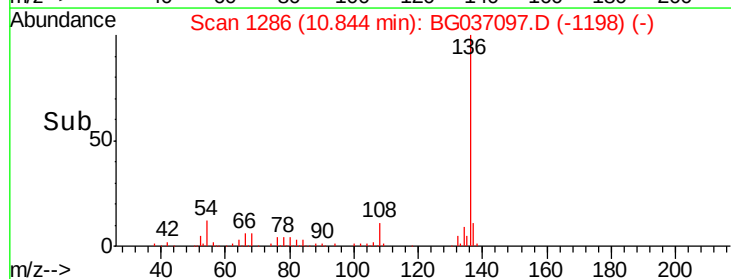
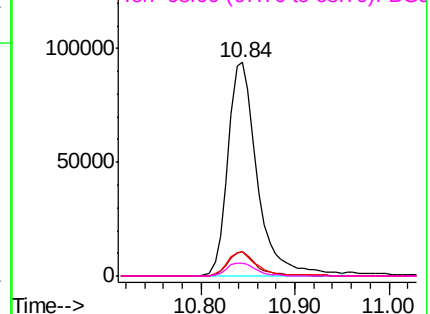
137 11.2 8.8 13.2

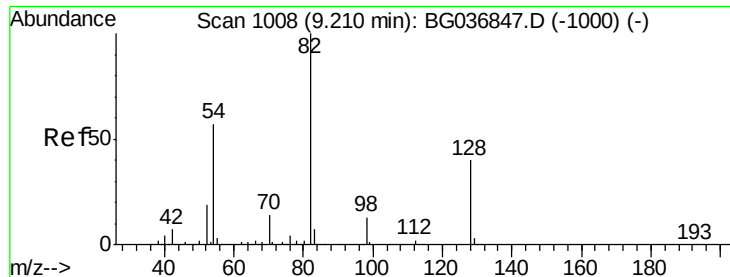
54 11.5 9.2 13.8

68 6.1 5.8 8.6



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

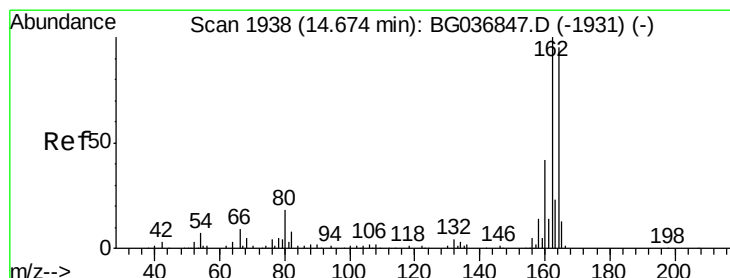
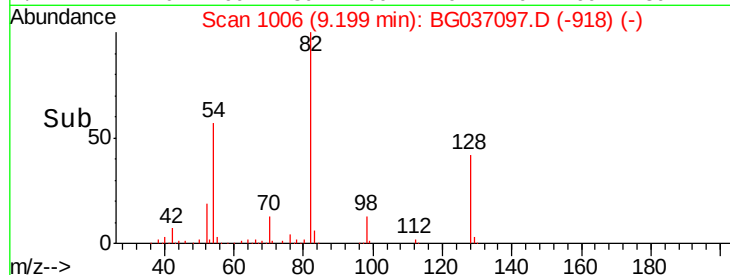
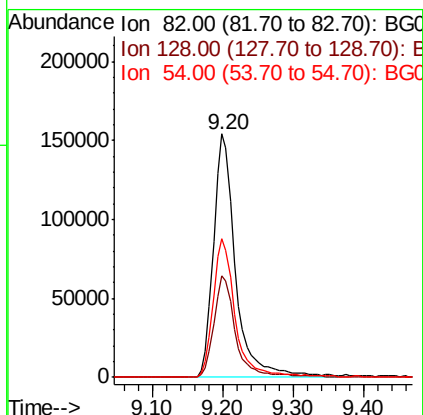
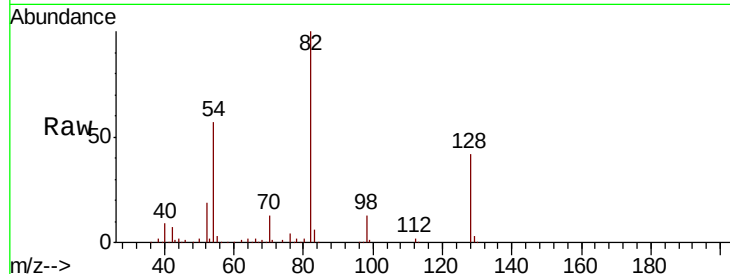




#23
 Nitrobenzene-d5
 Concen: 87.581 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037097.D
 Acq: 2 Oct 2018 5:20

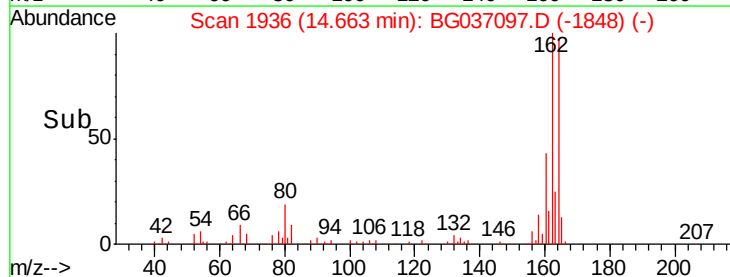
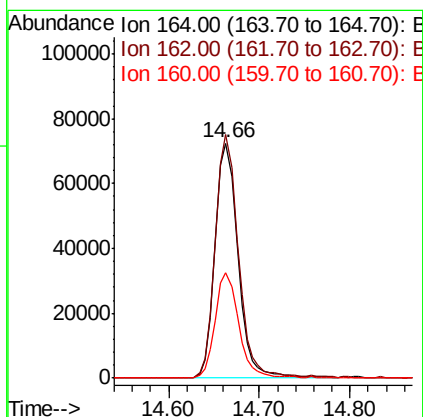
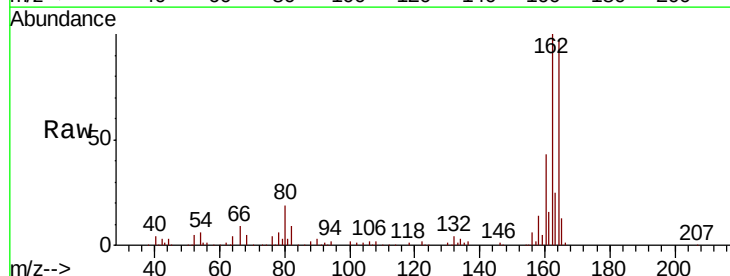
Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-3

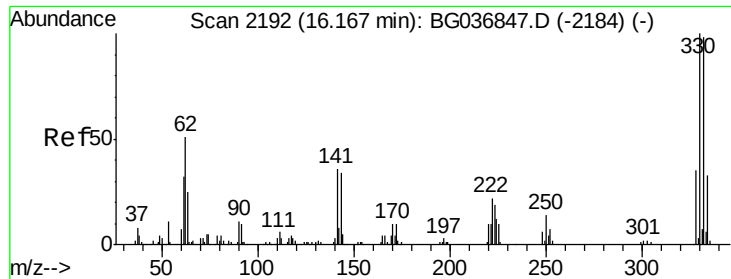
Tot Ion: 82 Resp: 335771
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 57.2 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037097.D
 Acq: 2 Oct 2018 5:20

Tgt Ion:164 Resp: 128883
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.7 121.1
 160 44.7 35.3 52.9

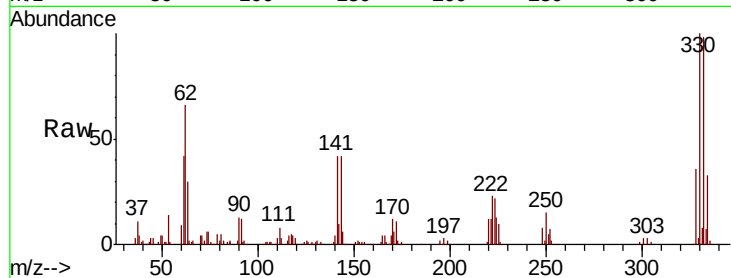




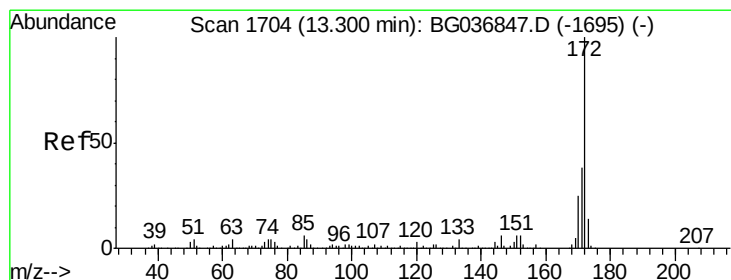
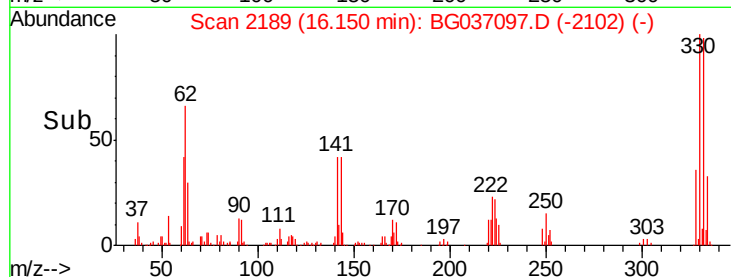
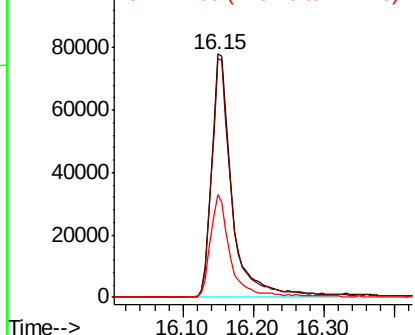
#41
 2,4,6-Tribromophenol
 Concen: 102.354 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037097.D
 Acq: 2 Oct 2018 5:20

Instrument :
 BNA_G
 ClientSampled :
 HC-SOIL-3

Tot Ion:330 Resp: 157830
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.2
 141 40.0 30.7 46.1

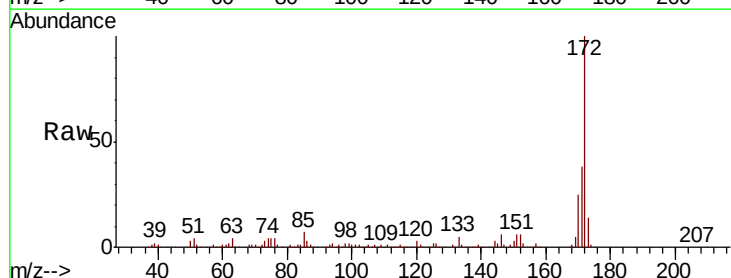


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

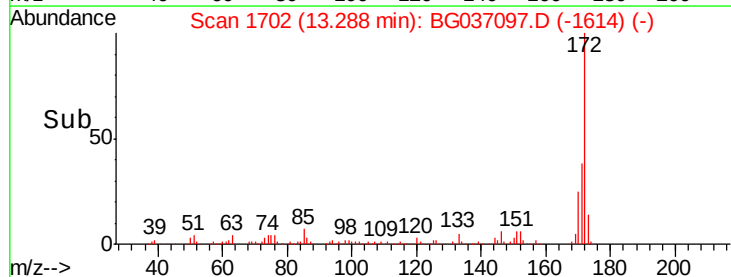
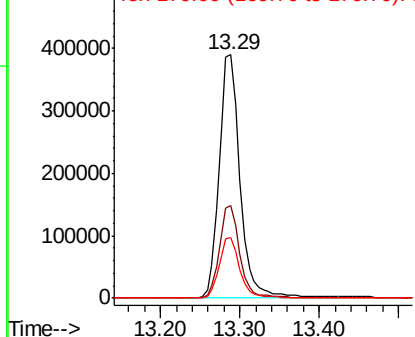


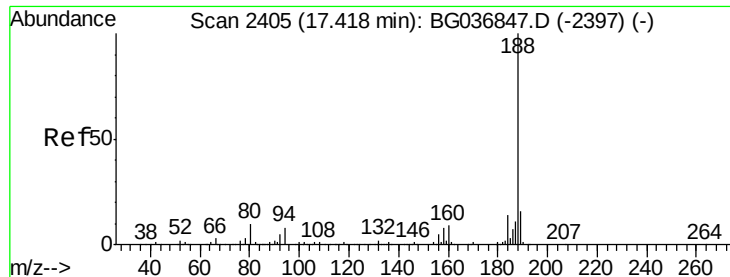
#44
 2-Fluorobiphenyl
 Concen: 82.419 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037097.D
 Acq: 2 Oct 2018 5:20

Tgt Ion:172 Resp: 713206
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 24.8 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

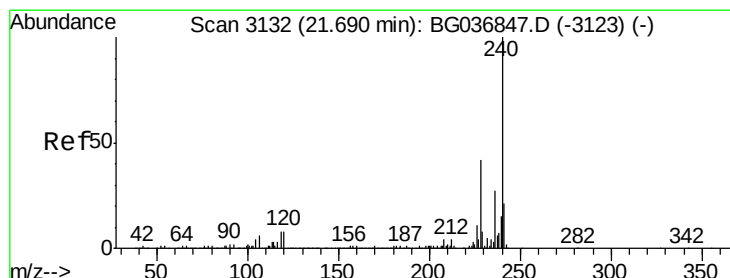
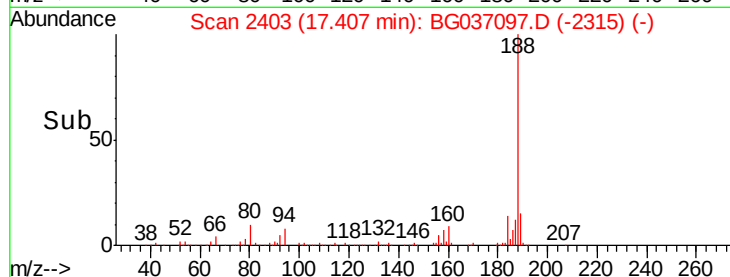
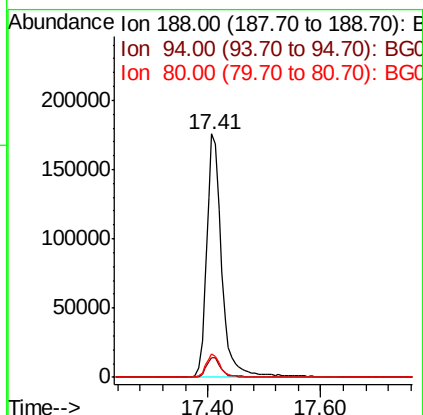
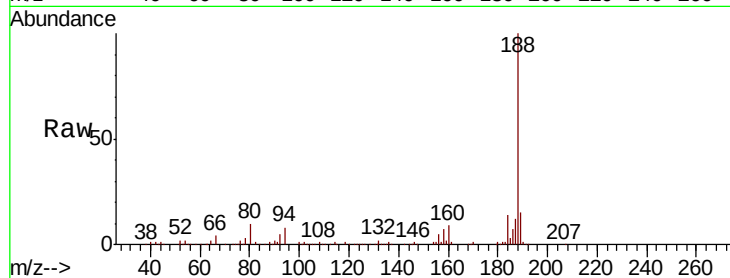




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037097.D
Acq: 2 Oct 2018 5:20

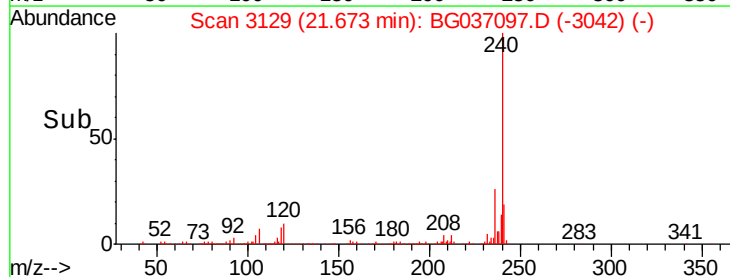
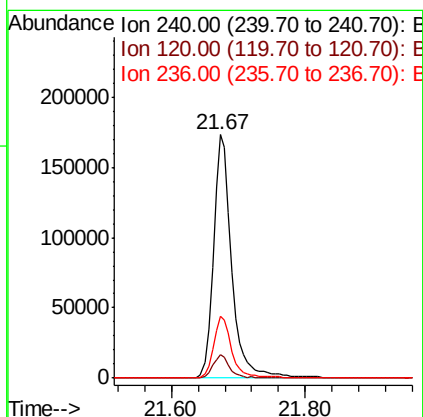
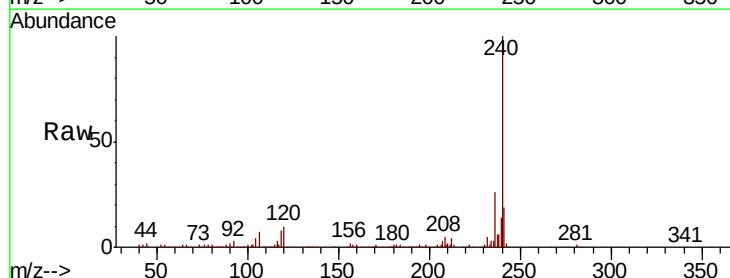
Instrument :
BNA_G
ClientSampleId :
HC-SOIL-3

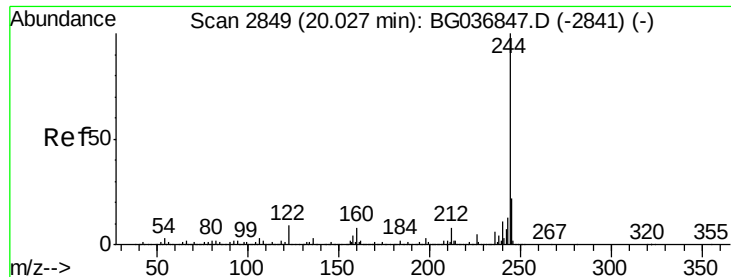
Tot Ion:188 Resp: 323026
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037097.D
Acq: 2 Oct 2018 5:20

Tgt Ion:240 Resp: 332092
Ion Ratio Lower Upper
240 100
120 9.6 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 93.640 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037097.D

Acq: 2 Oct 2018 5:20

Instrument :

BNA_G

ClientSampled :

HC-SOIL-3

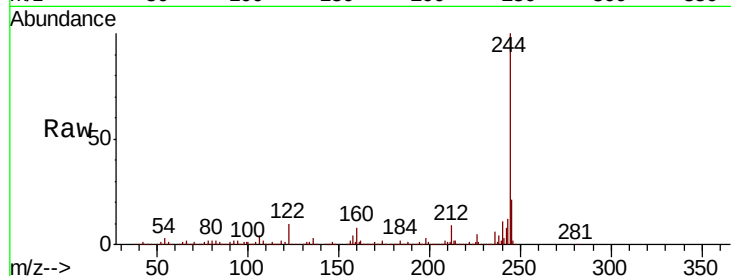
Tot Ion:244 Resp: 1182634

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

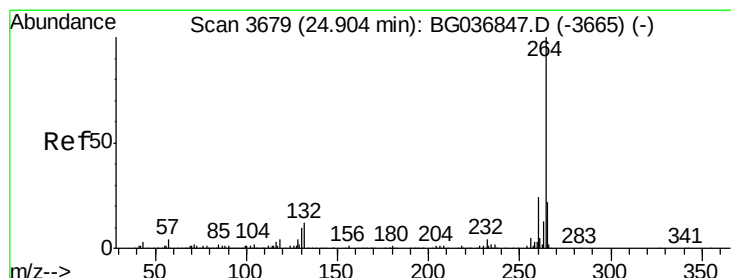
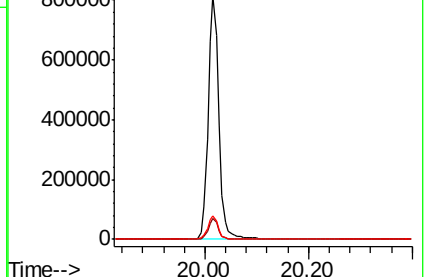
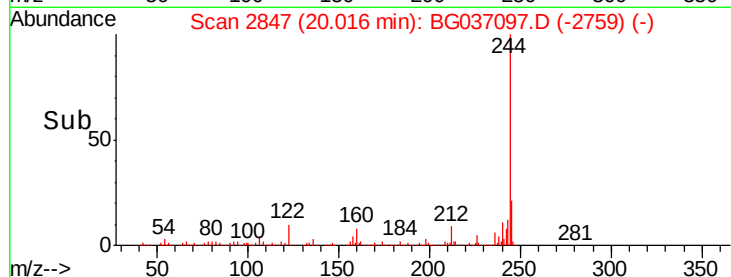
122 9.5 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037097.D

Acq: 2 Oct 2018 5:20

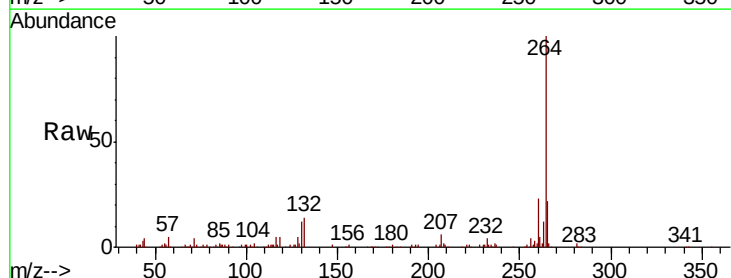
Tgt Ion:264 Resp: 305625

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.6 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

