

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037389.D
 Acq On : 17 Oct 2018 13:25
 Operator : JU/SJ
 Sample : J5524-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 17 14:43:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61807	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	260937	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	178980	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	455259	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	423270	20.00	ng	-0.02
87) Perylene-d12	25.12	264	407190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	402635	114.65	ng	0.00
7) Phenol-d6	7.25	99	523283	98.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	367119	92.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	212813	121.24	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	868047	72.84	ng	-0.01
79) Terphenyl-d14	20.09	244	1451120	71.99	ng	-0.01

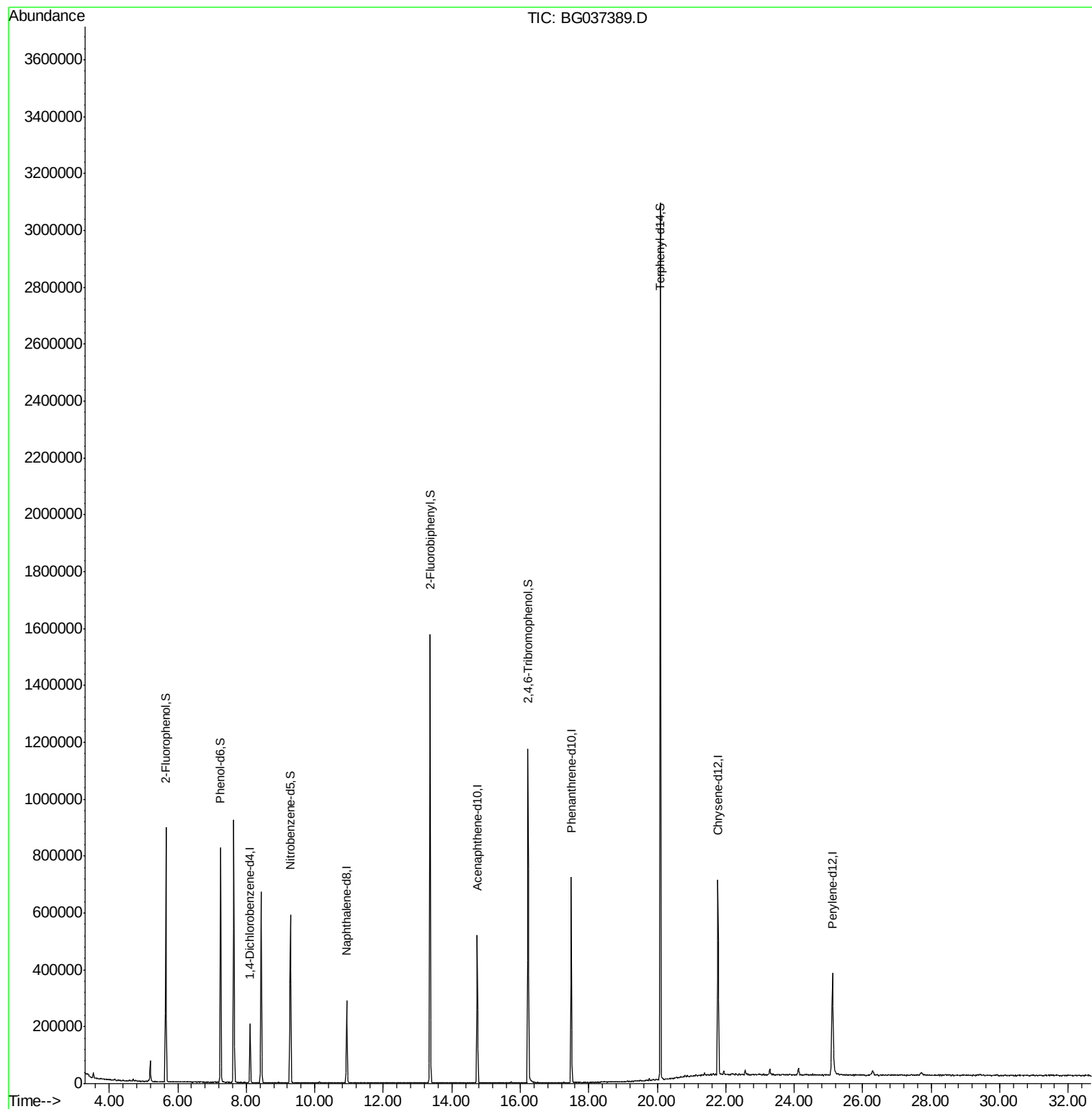
Target Compounds Qvalue

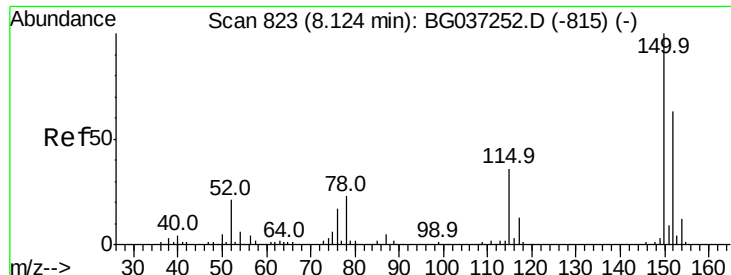
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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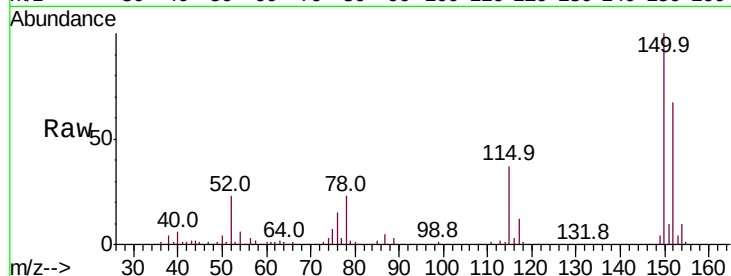


#1

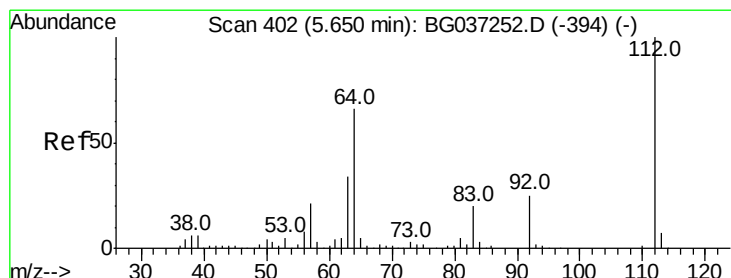
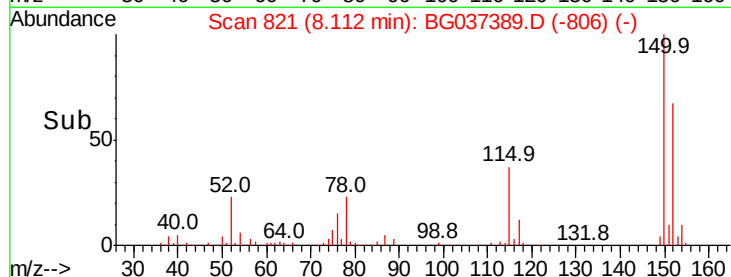
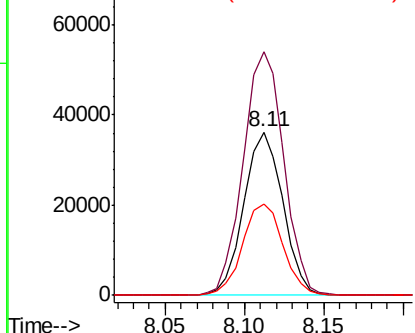
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion:152 Resp: 61807
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 55.7 45.5 68.3



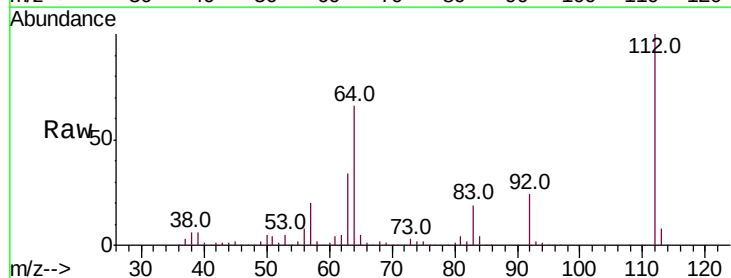
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



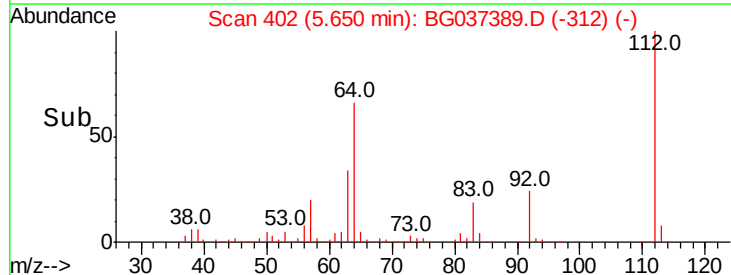
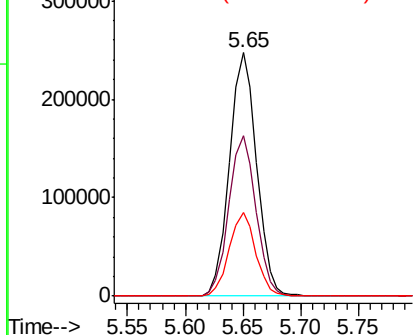
#5

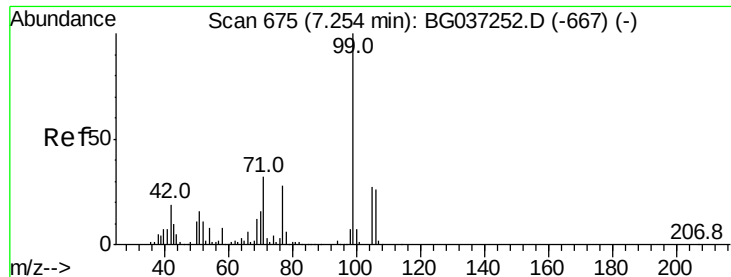
2-Fluorophenol
Concen: 114.647 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:112 Resp: 402635
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 34.3 27.3 40.9



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: 98.166 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037389.D

Acq: 17 Oct 2018 13:25

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-1

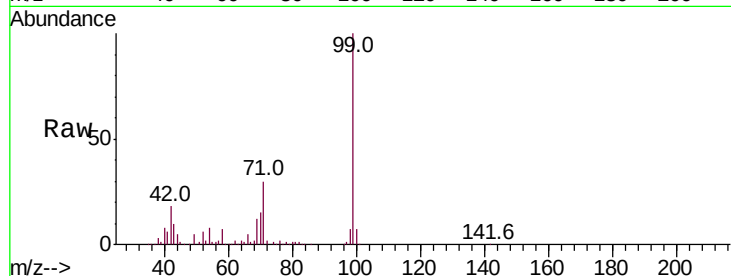
Tot Ion: 99 Resp: 523283

Ion Ratio Lower Upper

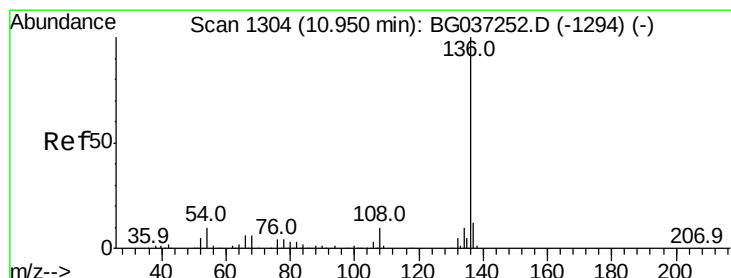
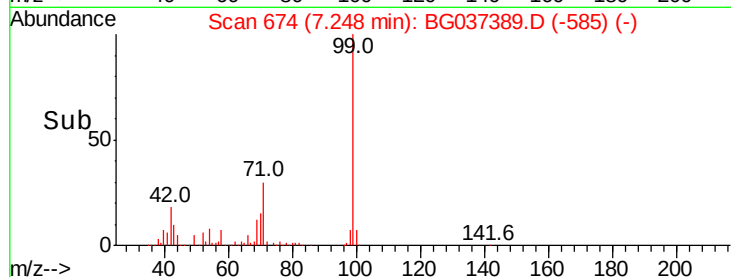
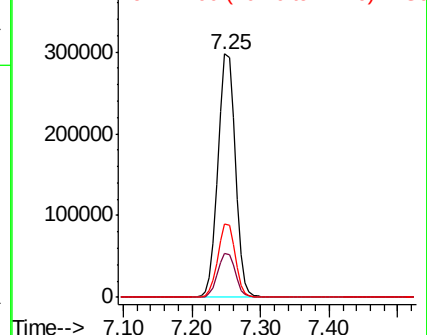
99 100

42 18.0 15.0 22.4

71 30.2 25.5 38.3



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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037389.D

Acq: 17 Oct 2018 13:25

Tgt Ion: 136 Resp: 260937

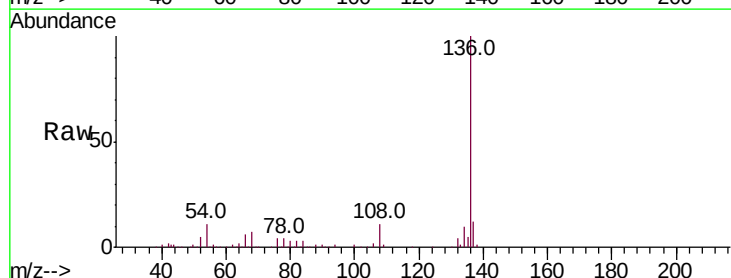
Ion Ratio Lower Upper

136 100

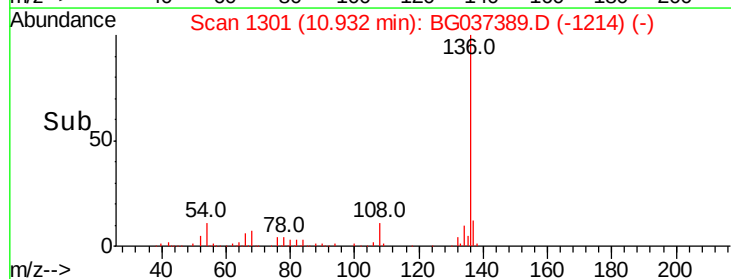
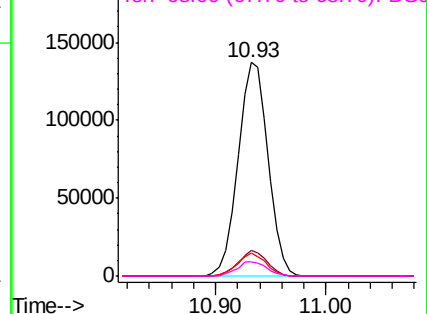
137 12.2 9.6 14.4

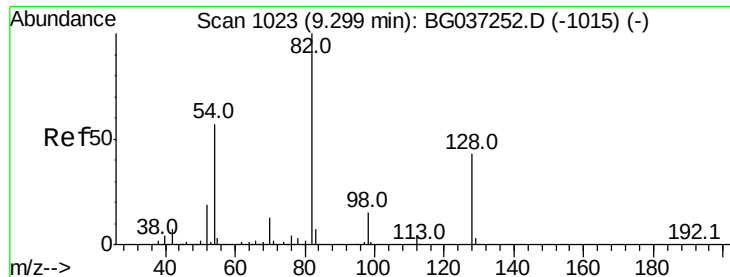
54 10.6 7.9 11.9

68 6.8 4.8 7.2



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

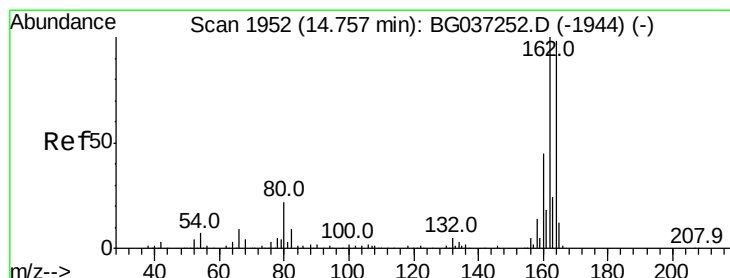
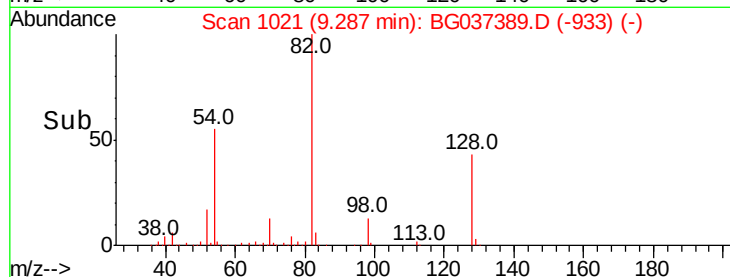
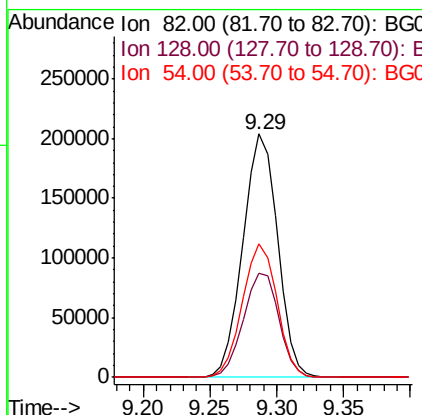
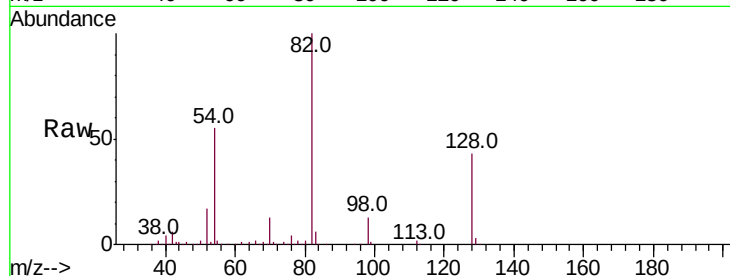




#23
 Nitrobenzene-d5
 Concen: 92.498 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

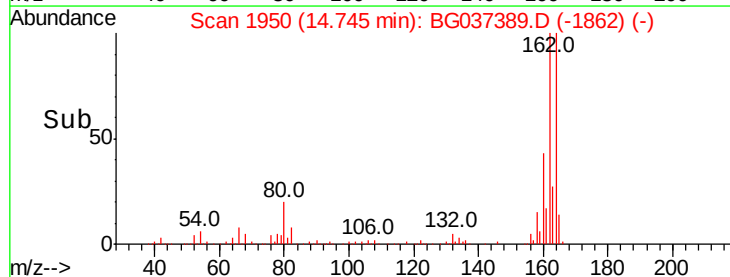
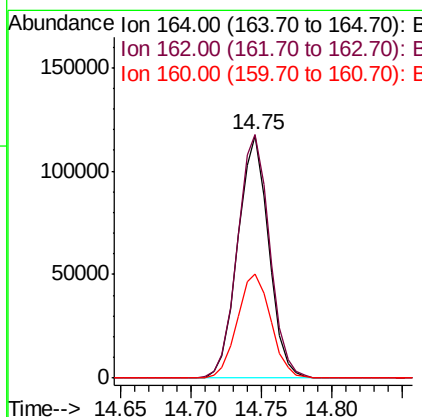
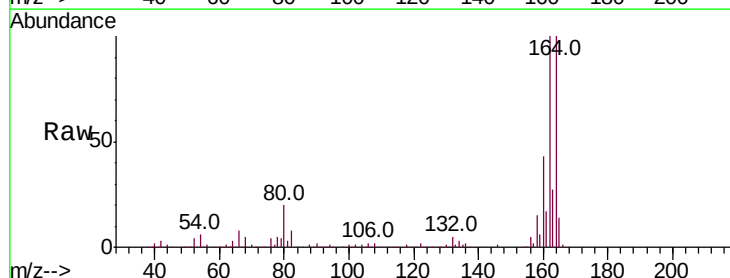
Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

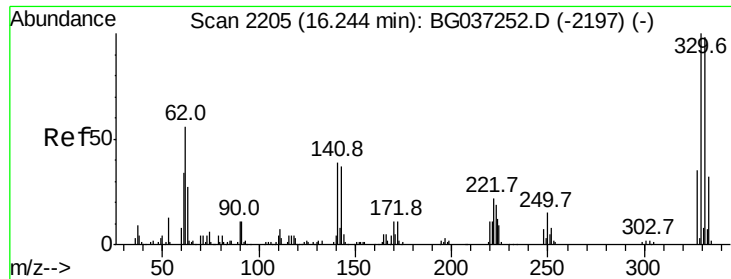
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	54.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	43.0	36.3	54.5

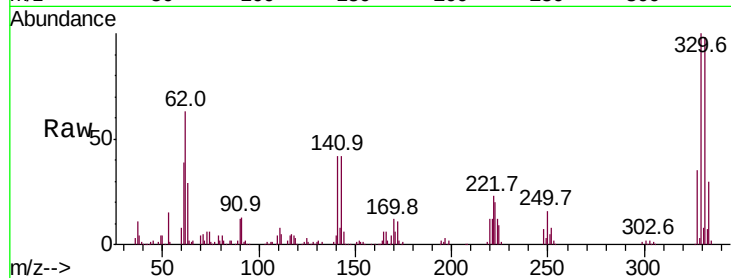




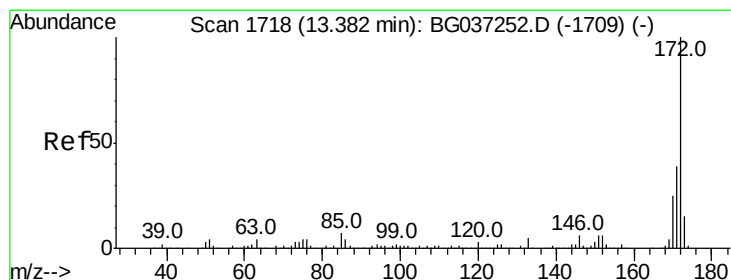
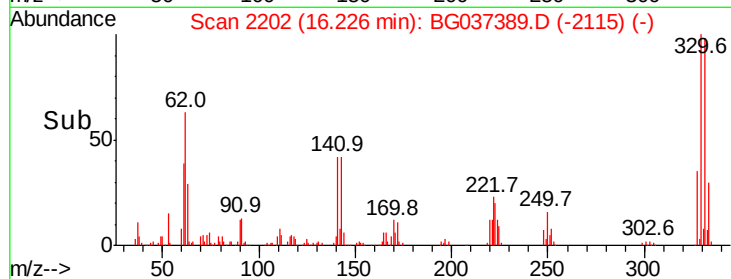
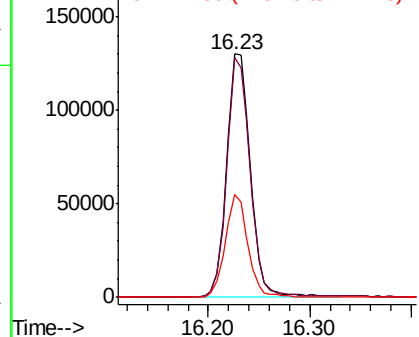
#42
 2,4,6-Tribromophenol
 Concen: 121.241 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.7	32.2	48.2

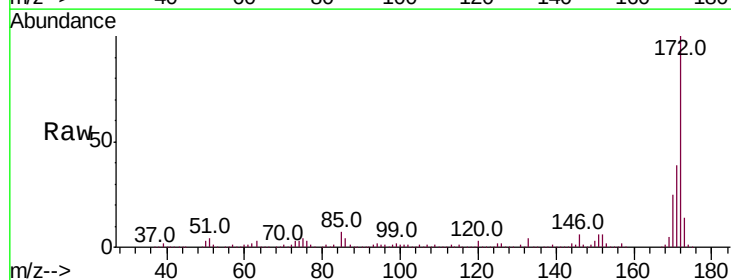


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

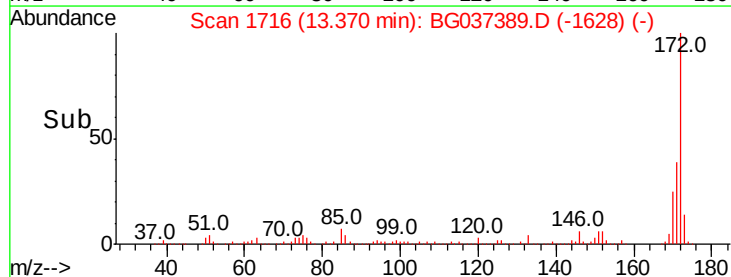
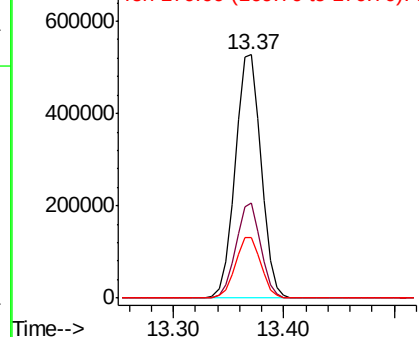


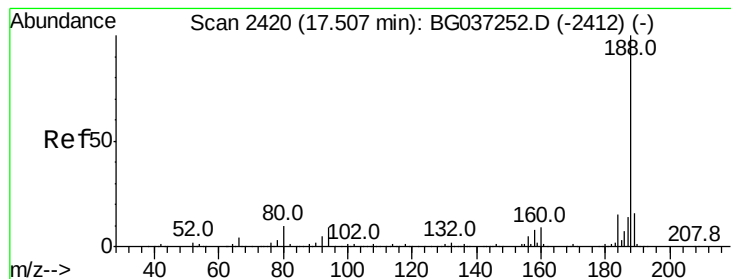
#45
 2-Fluorobiphenyl
 Concen: 72.835 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	24.8	20.2	30.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037389.D

Acq: 17 Oct 2018 13:25

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-1

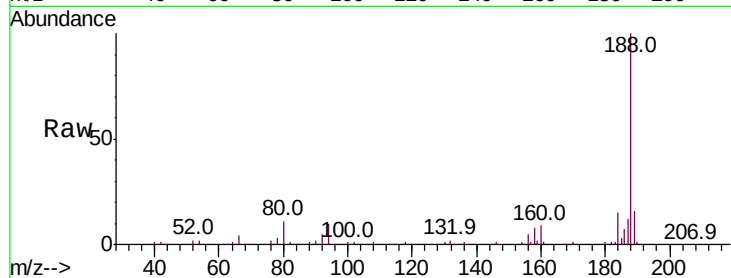
Tot Ion:188 Resp: 455259

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

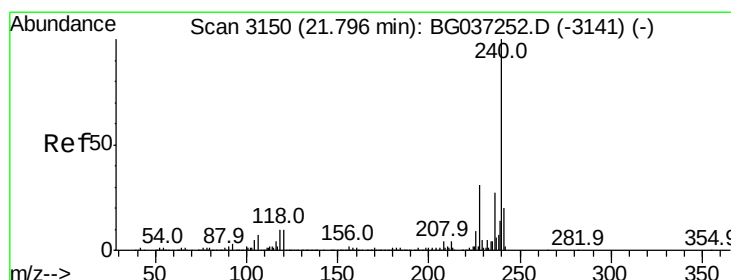
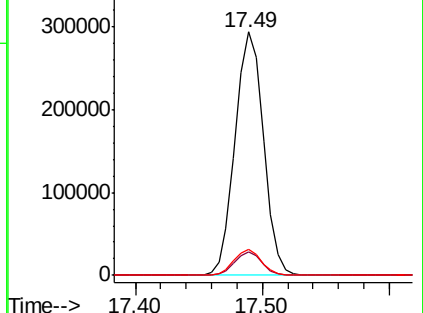
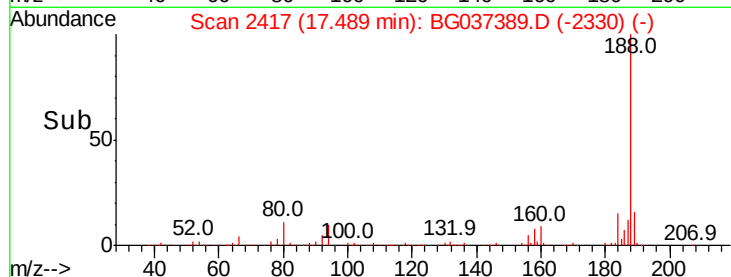
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037389.D

Acq: 17 Oct 2018 13:25

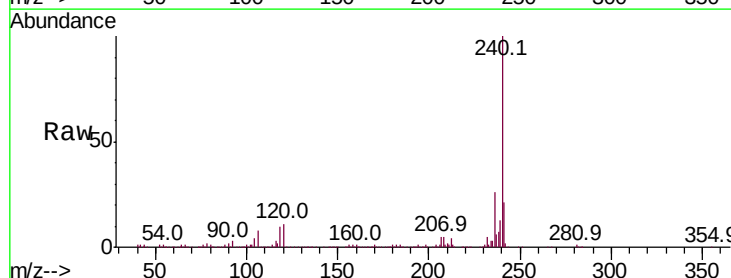
Tgt Ion:240 Resp: 423270

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

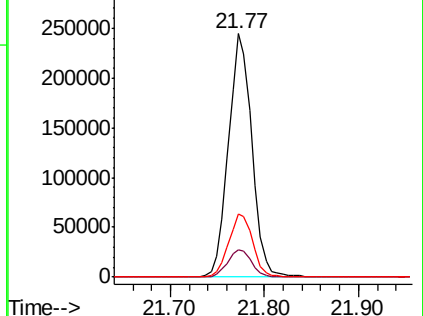
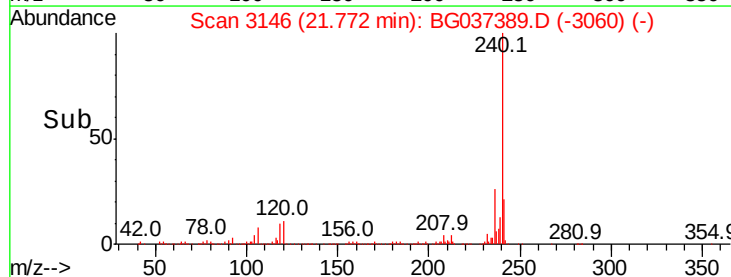
236 25.9 21.4 32.0

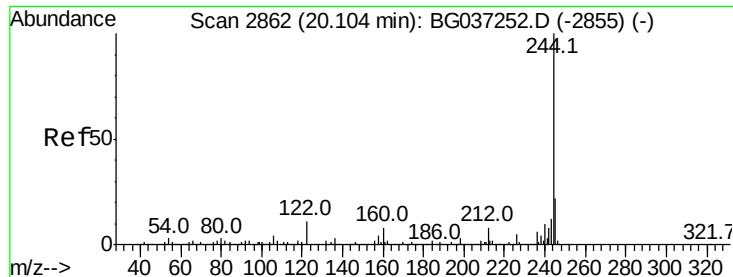


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

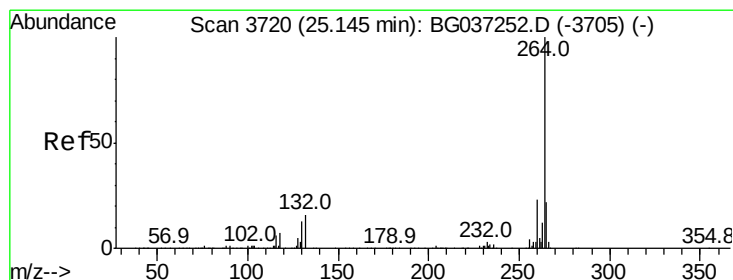
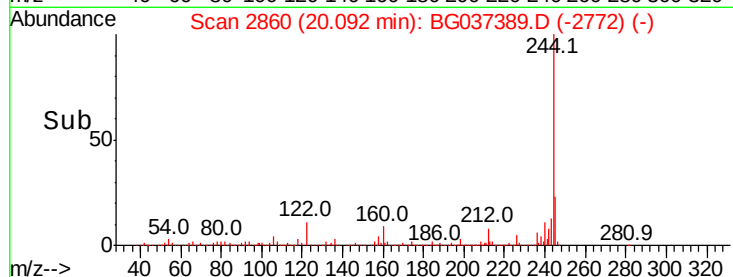
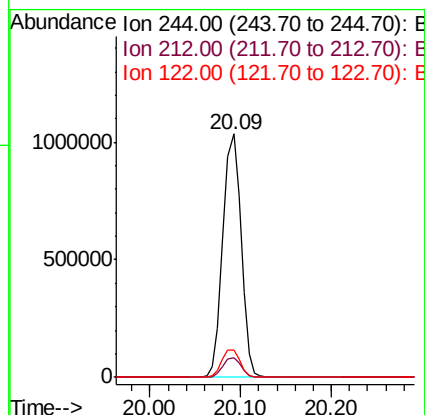
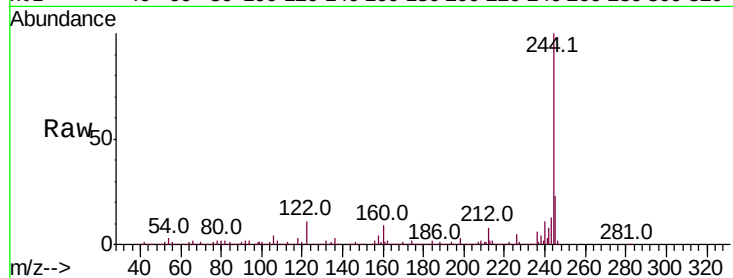




#79
 Terphenyl-d14
 Concen: 71.987 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Tot Ion:244 Resp: 1451120
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.3 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG037389.D
 Acq: 17 Oct 2018 13:25

Tgt Ion:264 Resp: 407190
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.2 27.4
 265 23.6 17.9 26.9

