

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037532.D
 Acq On : 25 Oct 2018 5:15
 Operator : JU/SJ
 Sample : J5639-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 25 08:29:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61374	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	264321	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	177660	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	416596	20.00	ng	0.00
76) Chrysene-d12	21.77	240	381270	20.00	ng	0.00
87) Perylene-d12	25.10	264	341534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	409228	111.48	ng	0.00
7) Phenol-d6	7.25	99	527543	95.04	ng	0.00
23) Nitrobenzene-d5	9.28	82	394695	83.65	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194466	100.36	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	916852	77.82	ng	0.00
79) Terphenyl-d14	20.08	244	1393900	78.12	ng	0.00

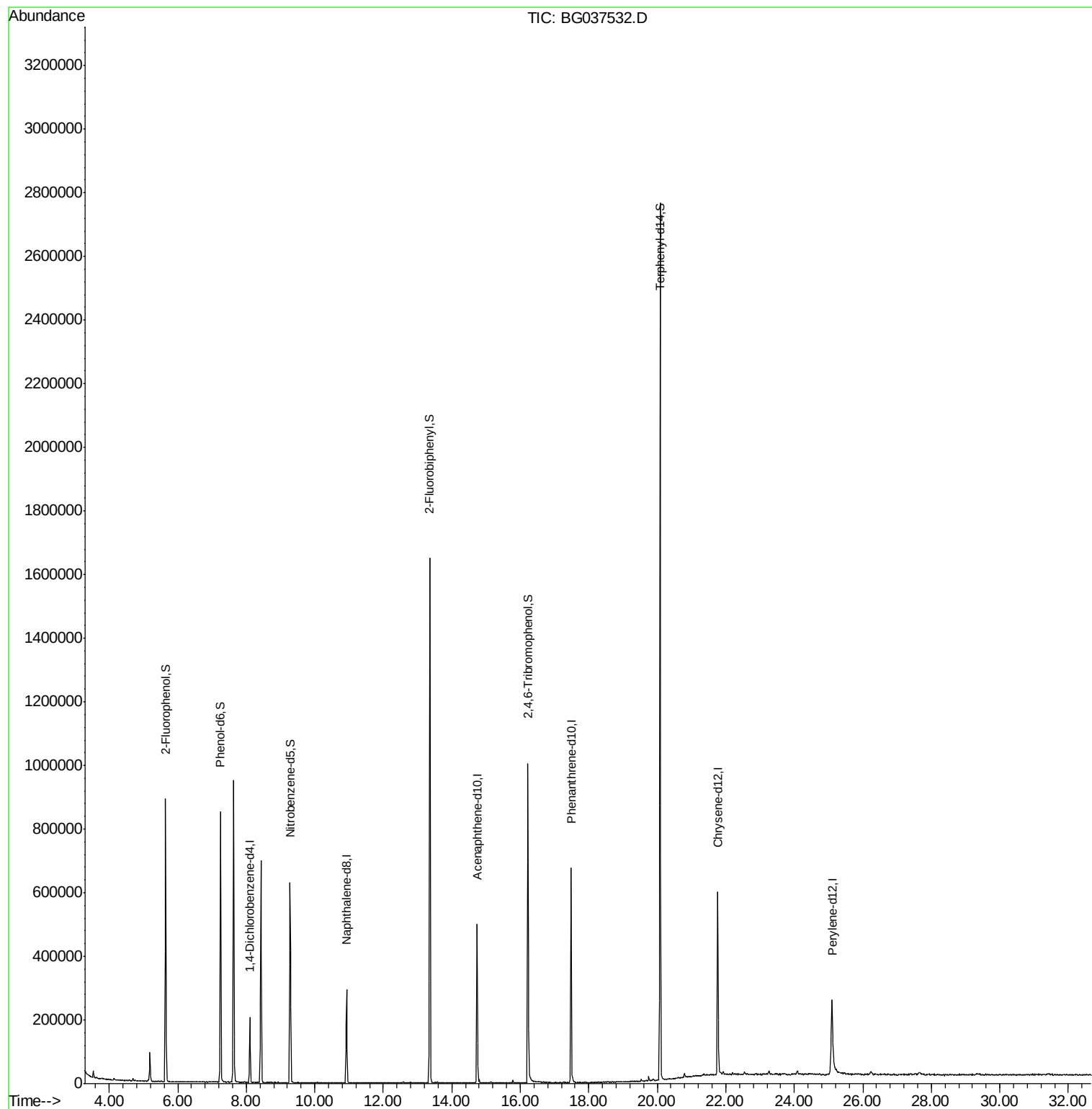
Target Compounds	Qvalue
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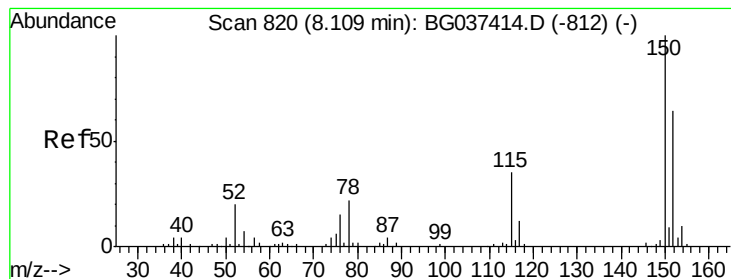
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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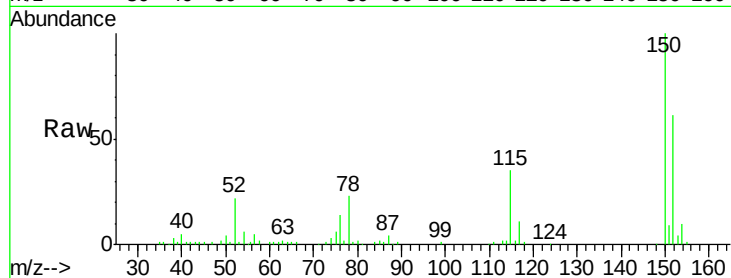




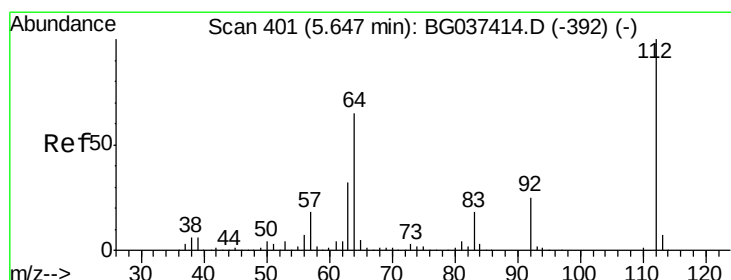
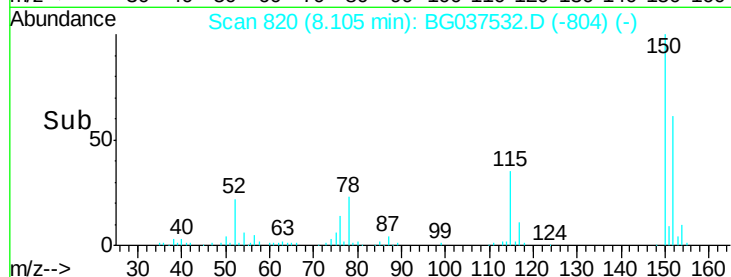
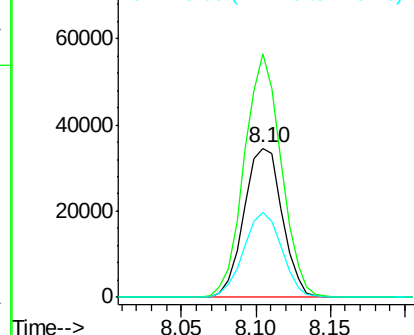
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Tgt Ion:152 Resp: 61374
 Ion Ratio Lower Upper
 152 100
 150 163.3 126.0 189.0
 115 56.7 45.5 68.3

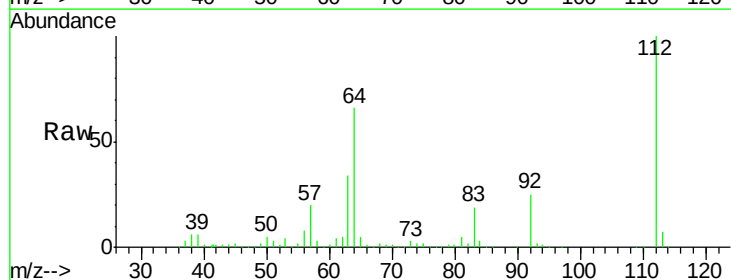


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

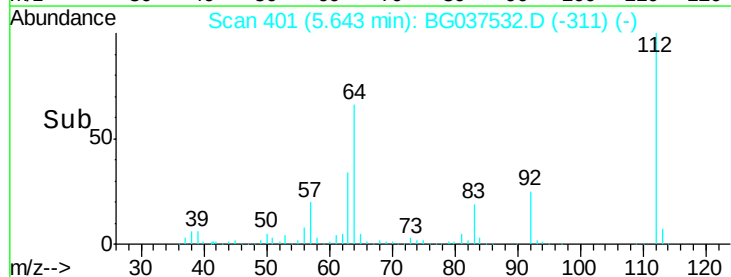
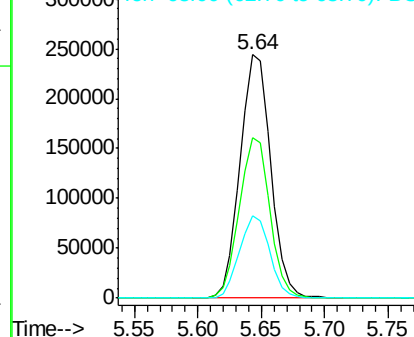


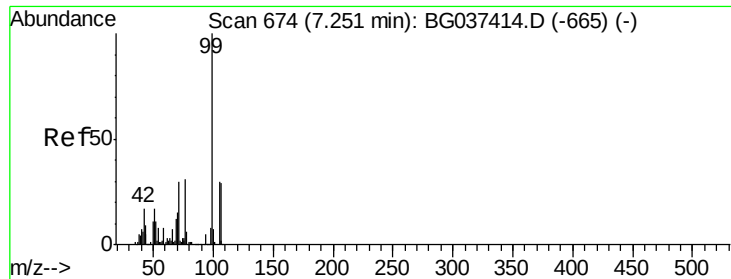
#5
 2-Fluorophenol
 Concen: 111.475 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

Tgt Ion:112 Resp: 409228
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.1 79.7
 63 34.0 27.3 40.9



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: 95.035 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037532.D

Acq: 25 Oct 2018 5:15

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

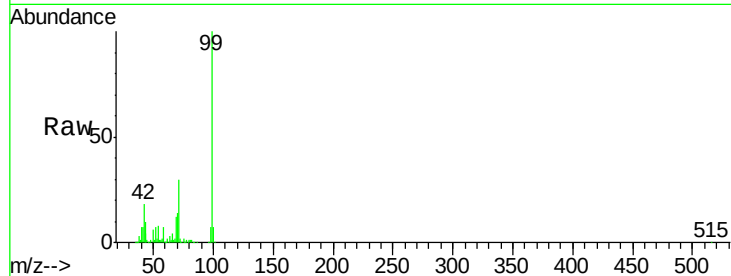
Tgt Ion: 99 Resp: 527543

Ion Ratio Lower Upper

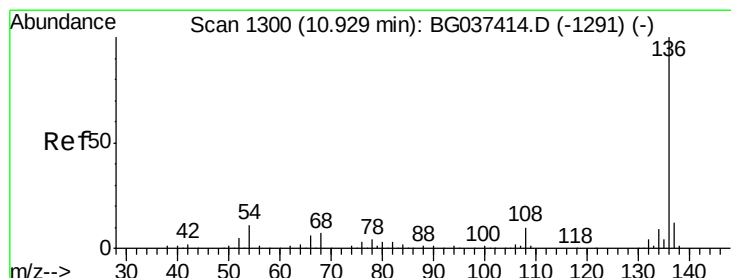
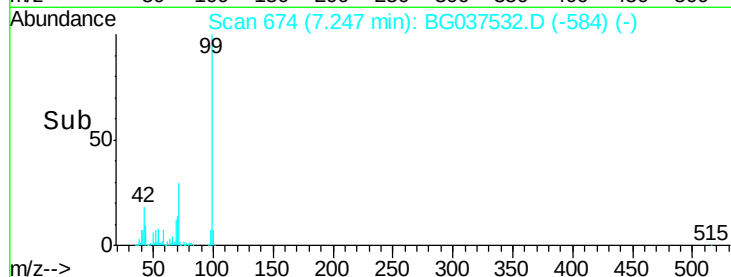
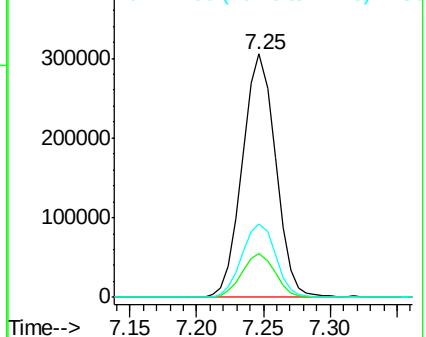
99 100

42 18.2 15.0 22.4

71 30.3 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# 1300

Delta R.T. -0.00 min

Lab File: BG037532.D

Acq: 25 Oct 2018 5:15

Tgt Ion: 136 Resp: 264321

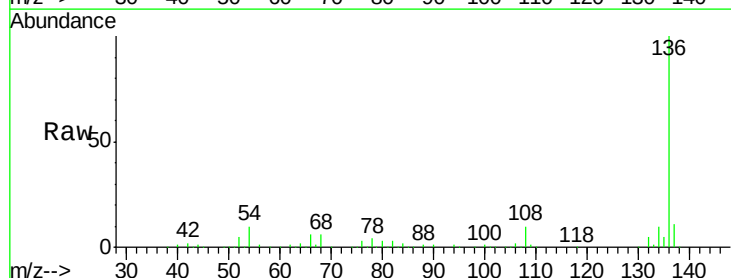
Ion Ratio Lower Upper

136 100

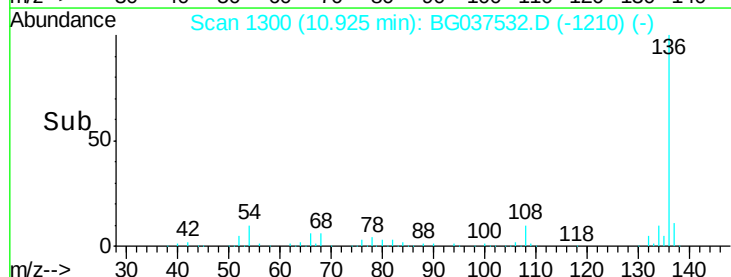
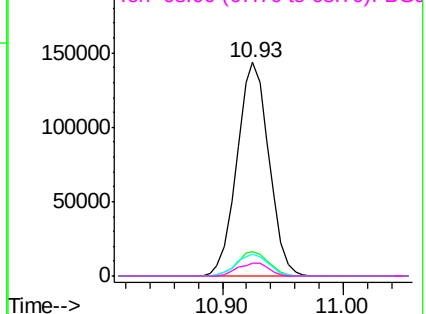
137 11.2 9.6 14.4

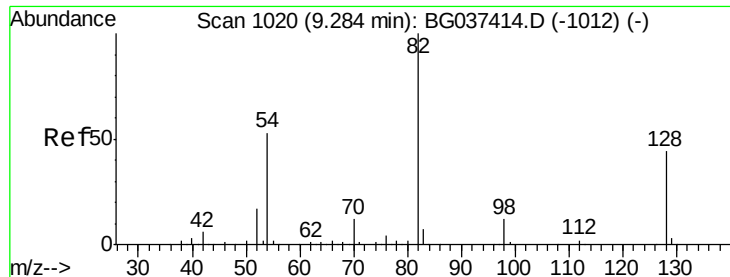
54 10.1 7.9 11.9

68 6.1 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

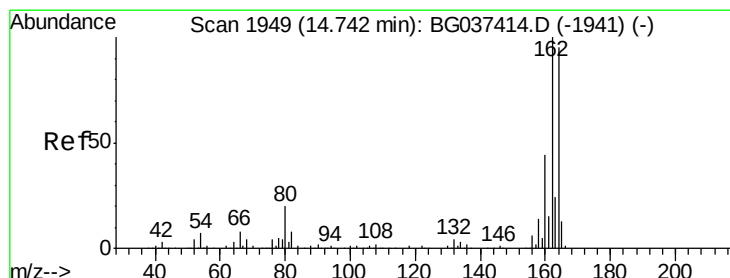
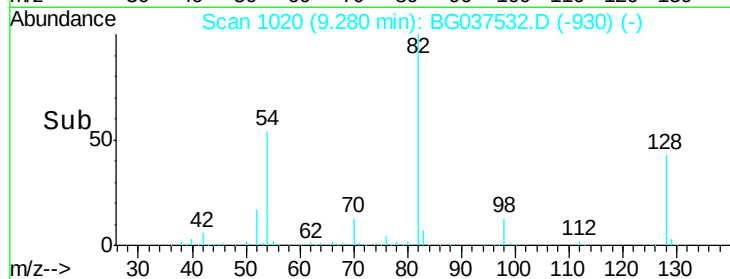
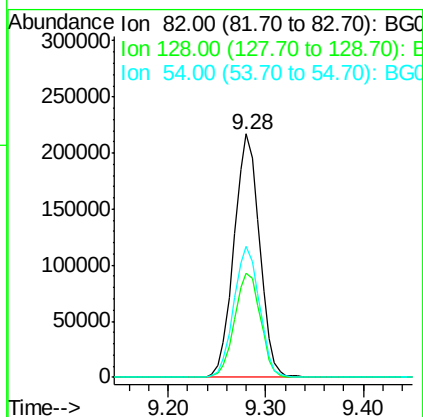
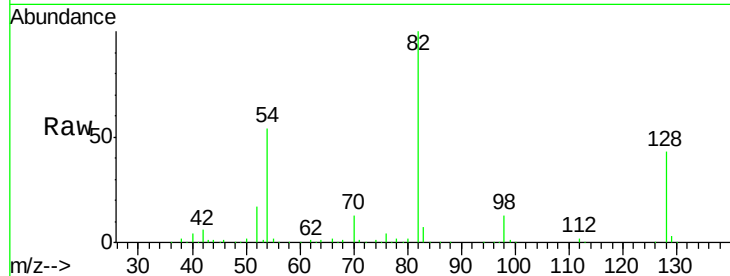




#23
 Nitrobenzene-d5
 Concen: 83.650 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

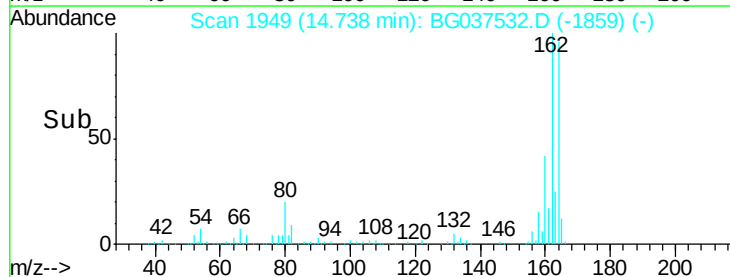
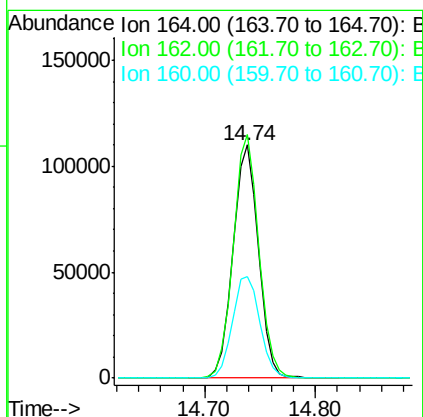
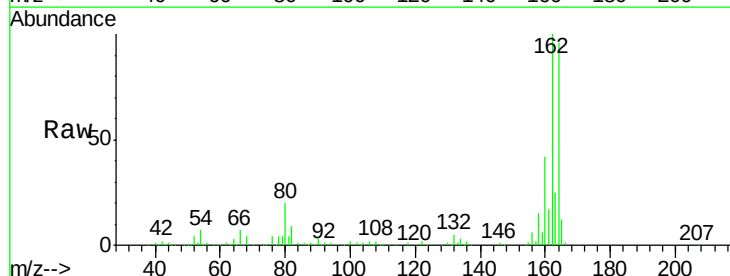
Instrument :
 BNA_G
 ClientSampleID :
 BS-SOIL-2

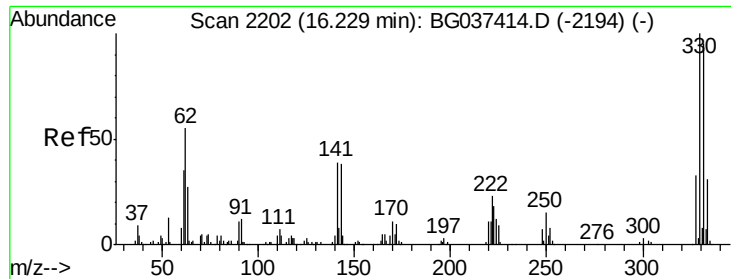
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	51.8
54	54.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.3	121.9
160	43.5	36.3	54.5

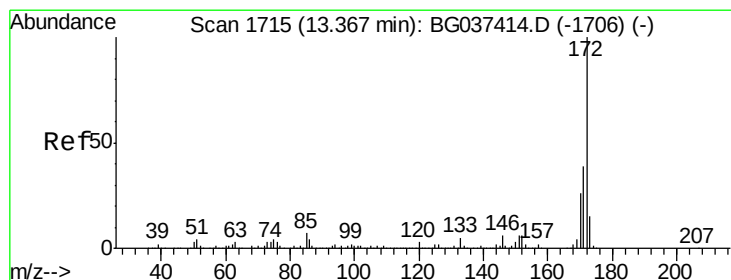
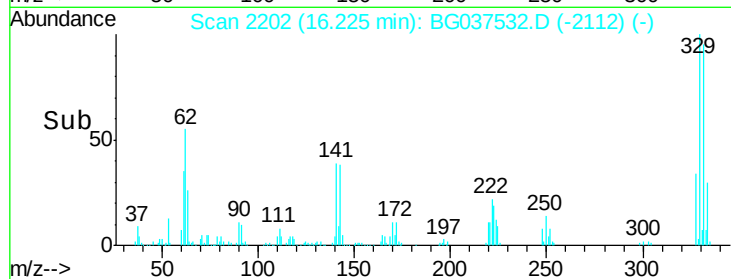
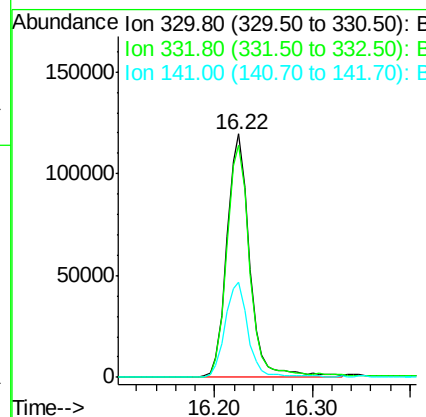
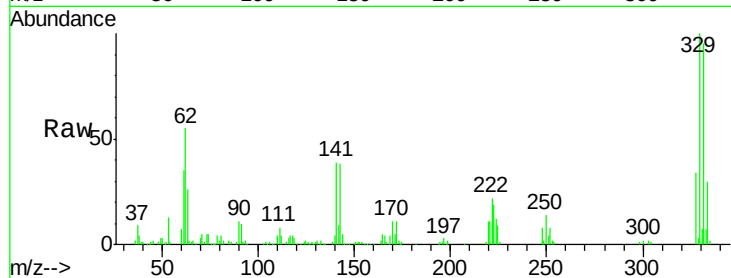




#42
 2,4,6-Tribromophenol
 Concen: 100.358 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

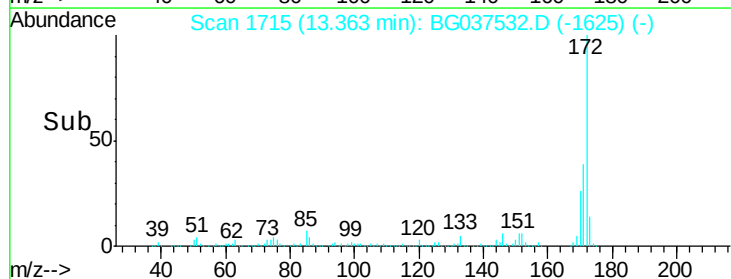
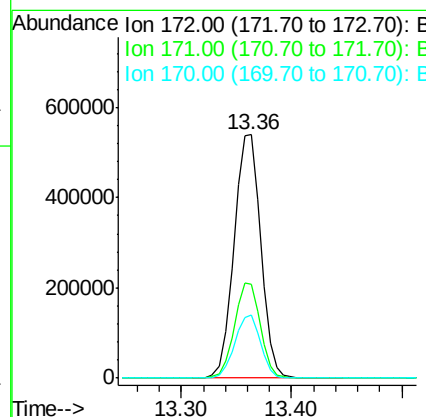
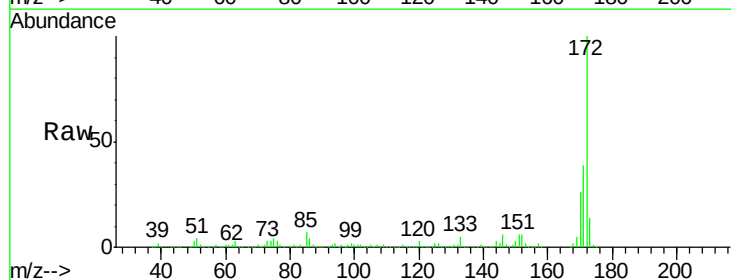
Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

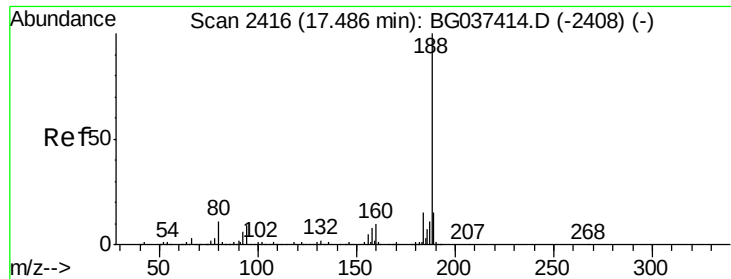
Tgt Ion:330 Resp: 194466
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 38.9 32.2 48.2



#45
 2-Fluorobiphenyl
 Concen: 77.821 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037532.D
 Acq: 25 Oct 2018 5:15

Tgt Ion:172 Resp: 916852
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.9 20.2 30.2

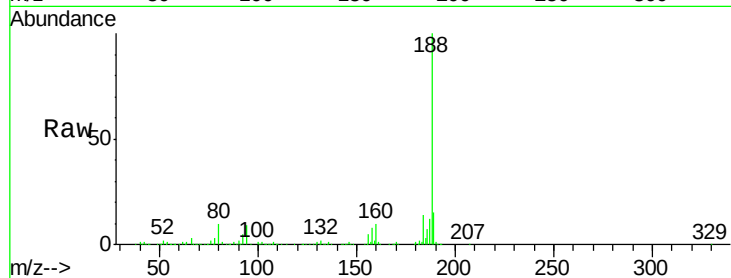




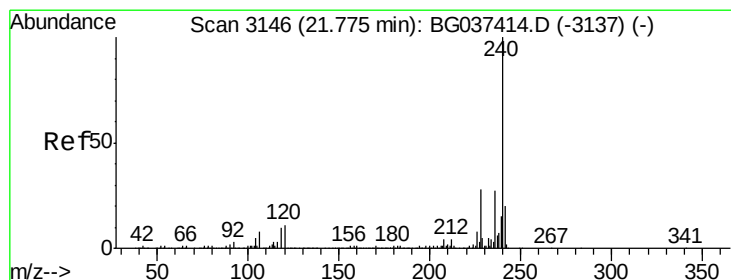
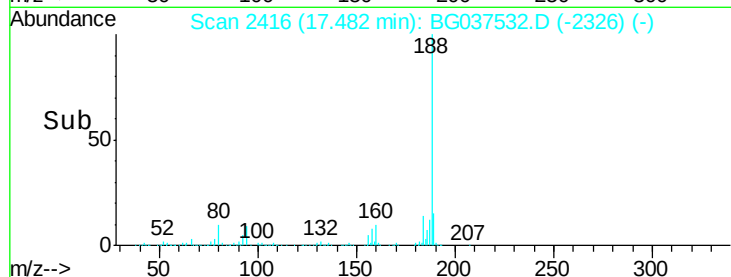
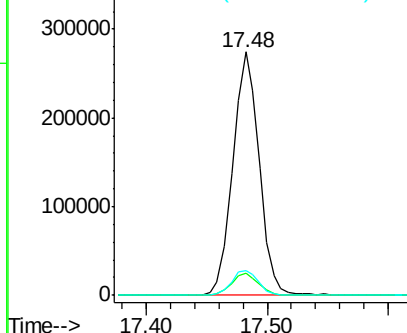
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037532.D
Acq: 25 Oct 2018 5:15

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Tgt Ion:188 Resp: 416596
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5

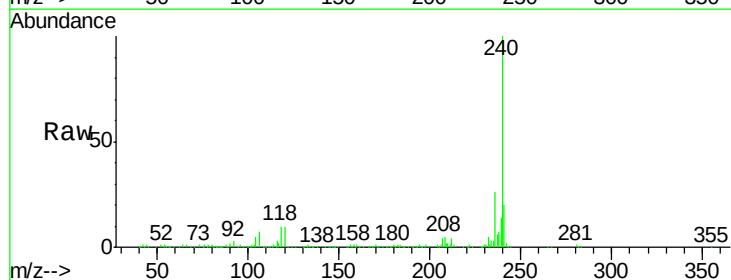


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

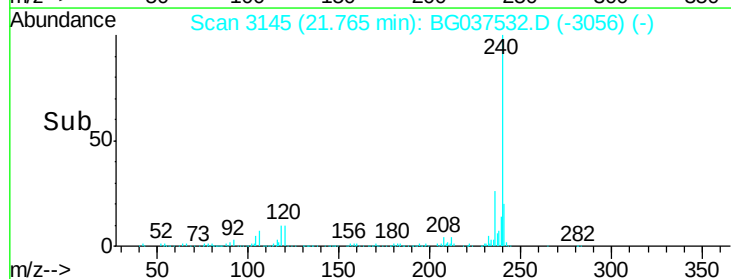
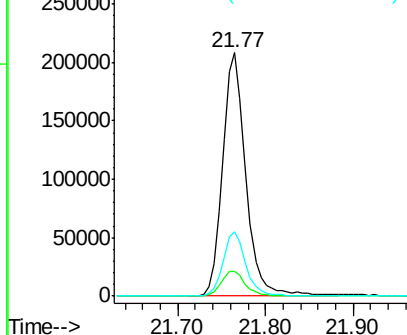


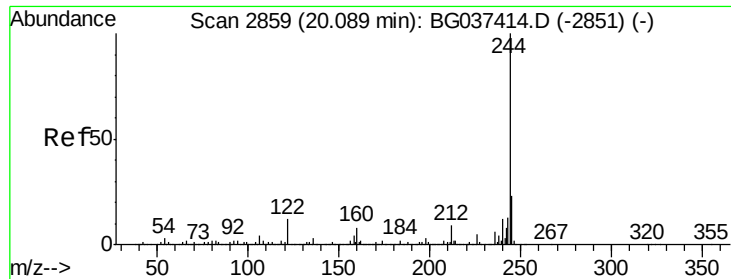
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037532.D
Acq: 25 Oct 2018 5:15

Tgt Ion:240 Resp: 381270
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.3 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: 78.119 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037532.D

Acq: 25 Oct 2018 5:15

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

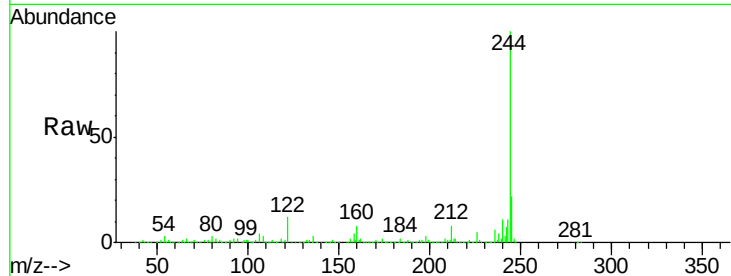
Tgt Ion:244 Resp: 1393900

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

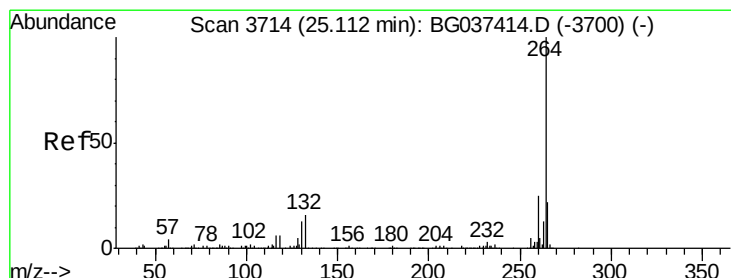
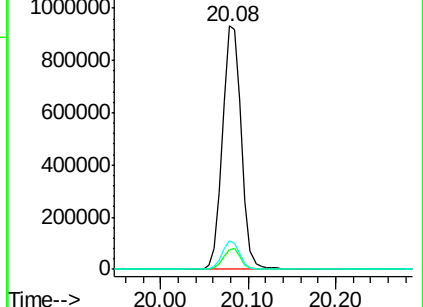
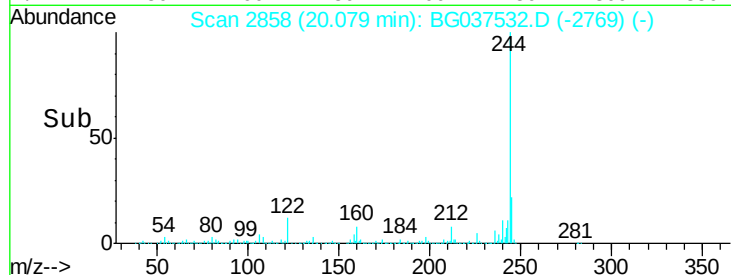
122 11.8 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037532.D

Acq: 25 Oct 2018 5:15

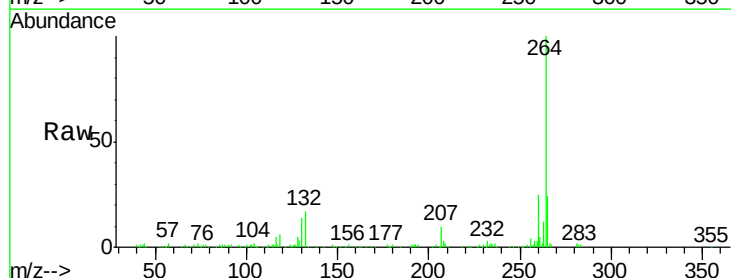
Tgt Ion:264 Resp: 341534

Ion Ratio Lower Upper

264 100

260 25.4 18.2 27.4

265 23.6 17.9 26.9



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

