

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037553.D
 Acq On : 25 Oct 2018 20:16
 Operator : JU/SJ
 Sample : J5639-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

Quant Time: Oct 26 08:25:34 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

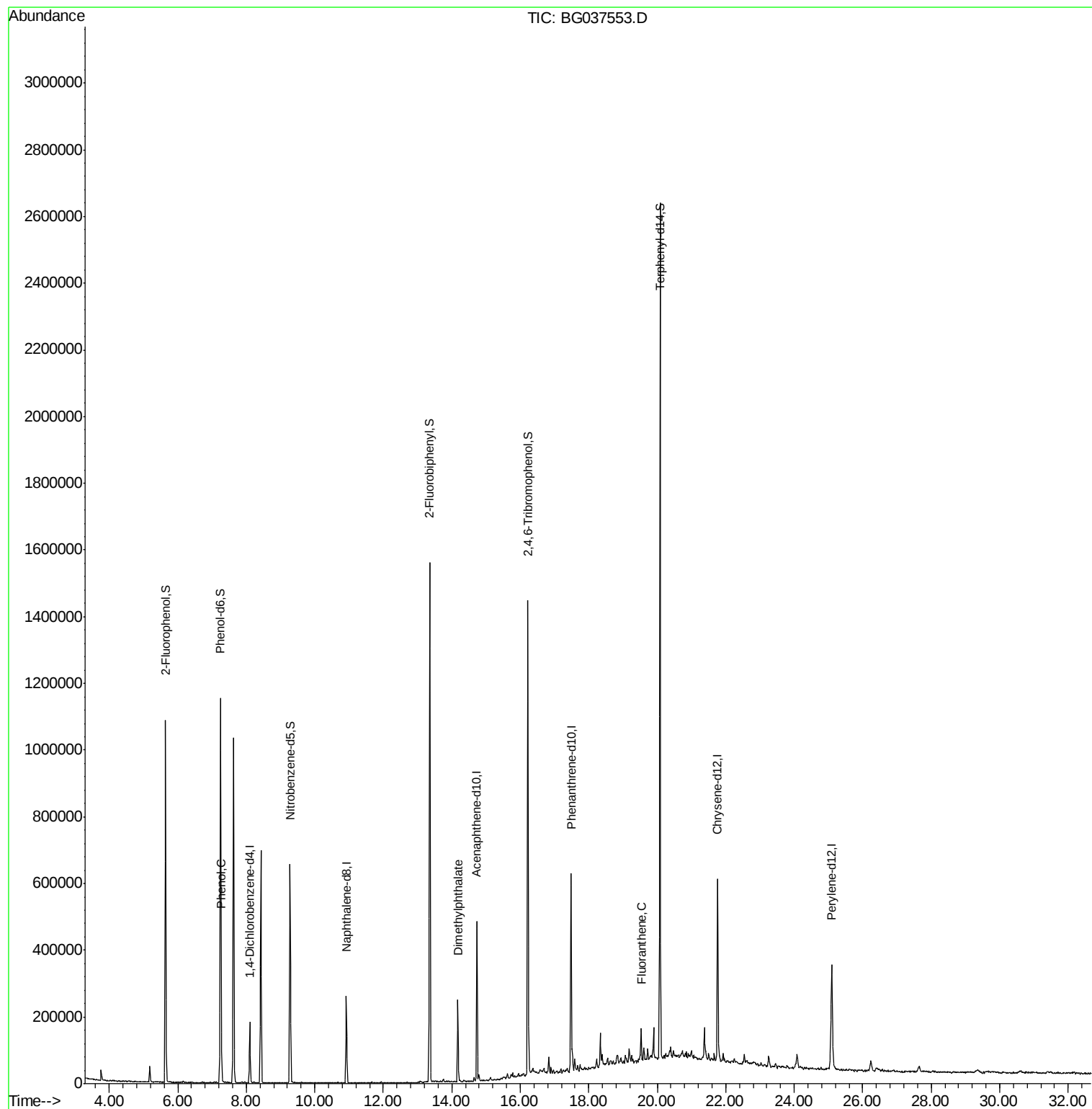
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54748	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	244719	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166635	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386496	20.00	ng	0.00
76) Chrysene-d12	21.76	240	346871	20.00	ng	-0.01
87) Perylene-d12	25.10	264	357945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	489711	149.54	ng	0.00
7) Phenol-d6	7.25	99	713875	144.17	ng	0.00
23) Nitrobenzene-d5	9.28	82	414703	94.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	259003	142.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	850451	76.96	ng	0.00
79) Terphenyl-d14	20.08	244	1185819	73.05	ng	0.00
Target Compounds						
10) Phenol	7.27	94	73840	14.133	ng	95
50) Dimethylphthalate	14.18	163	174197	13.513	ng	99
75) Fluoranthene	19.53	202	59807	2.684	ng	96

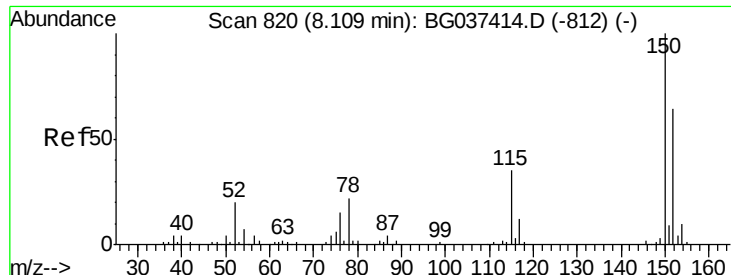
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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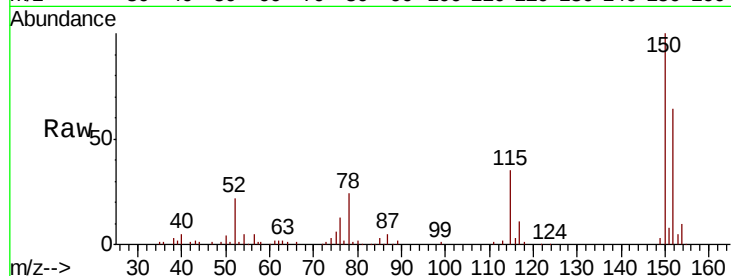


#1

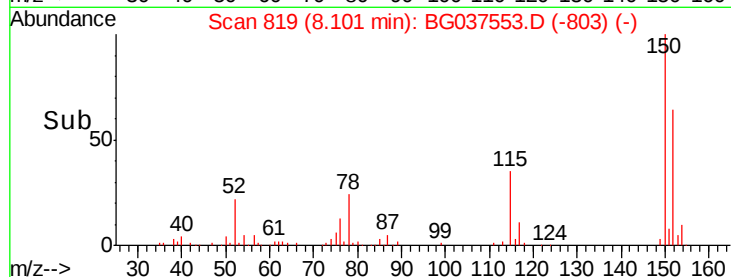
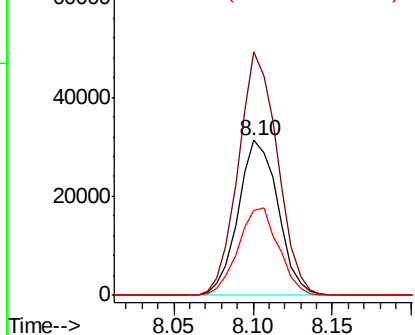
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-3

Tot Ion:152 Resp: 54748
Ion Ratio Lower Upper
152 100
150 157.0 126.0 189.0
115 55.0 45.5 68.3



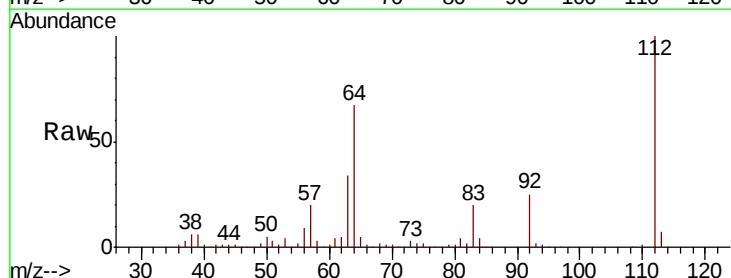
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



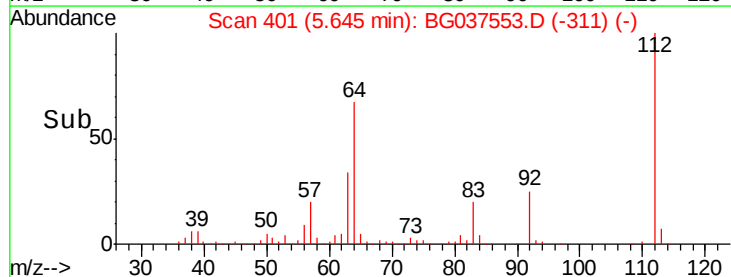
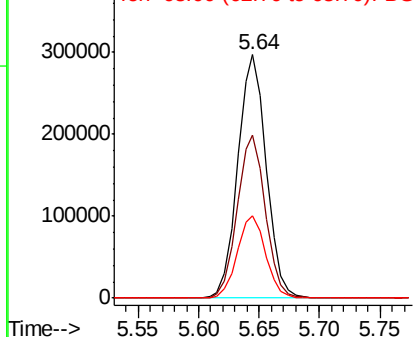
#5

2-Fluorophenol
Concen: 149.544 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:112 Resp: 489711
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.6 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: 144.167 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

Instrument :

BNA_G

ClientSampled :

BS-SOIL-3

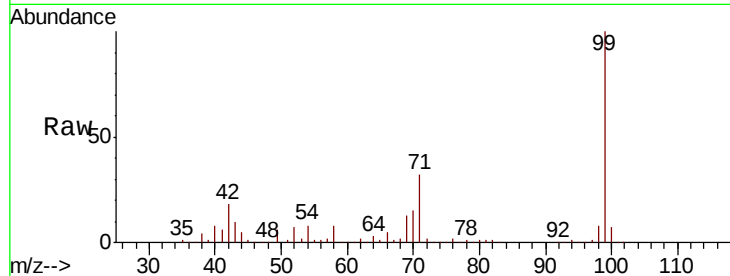
Tot Ion: 99 Resp: 713875

Ion Ratio Lower Upper

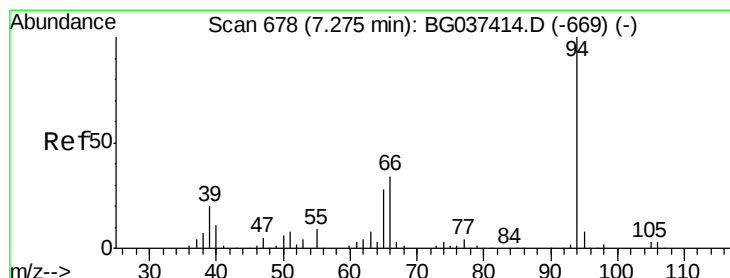
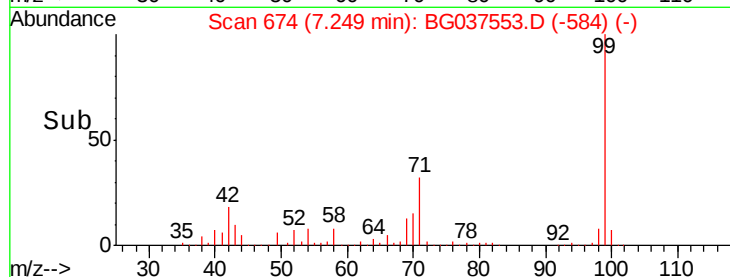
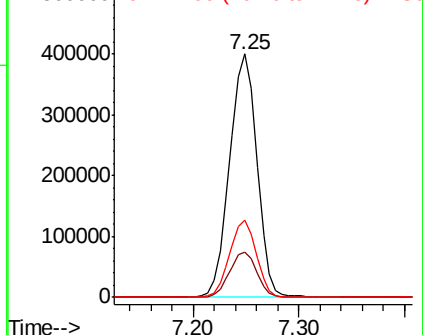
99 100

42 18.4 15.0 22.4

71 31.8 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



#10

Phenol

Concen: 14.133 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

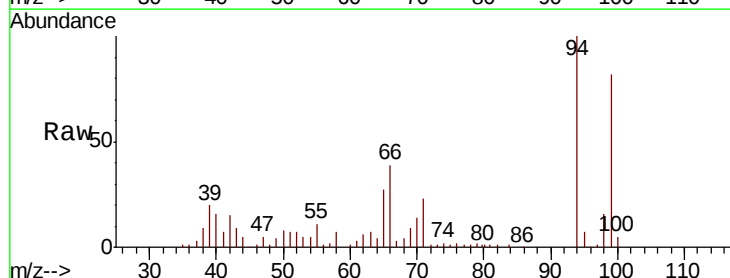
Tgt Ion: 94 Resp: 73840

Ion Ratio Lower Upper

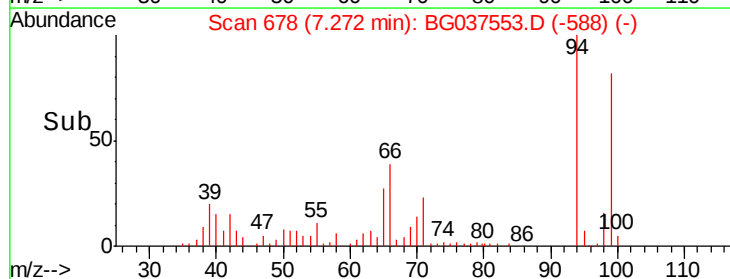
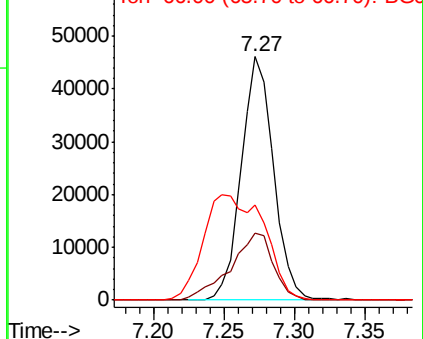
94 100

65 27.3 9.7 49.7

66 39.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

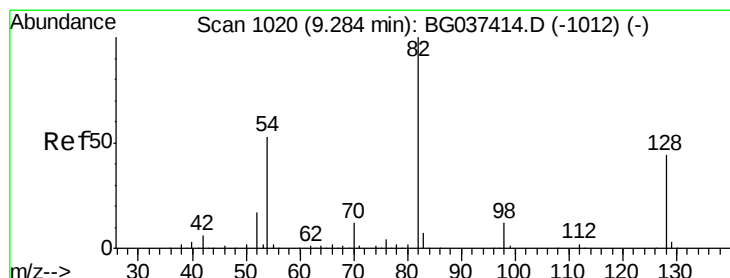
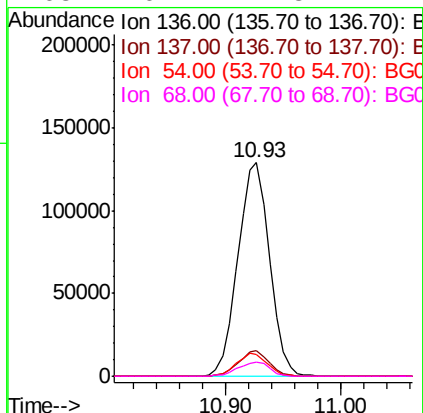
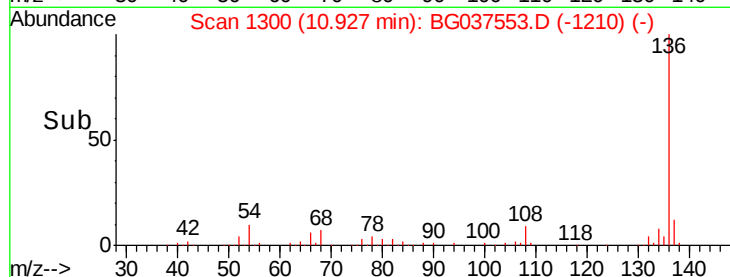
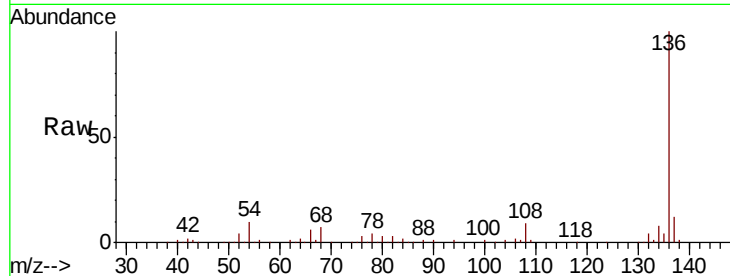




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

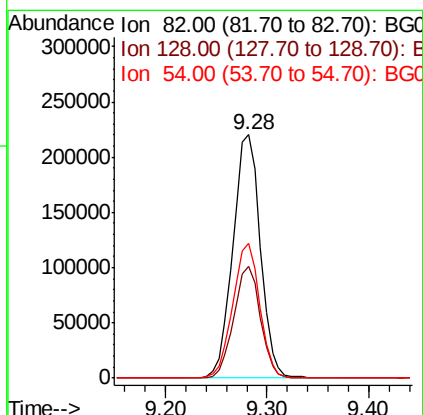
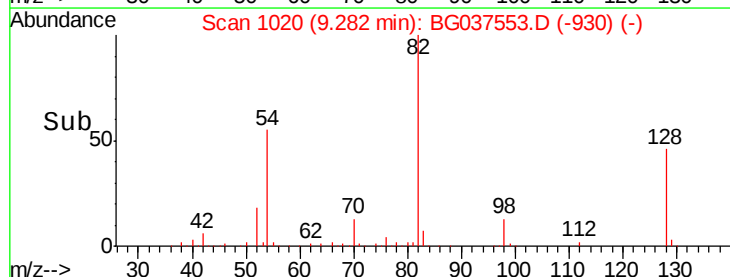
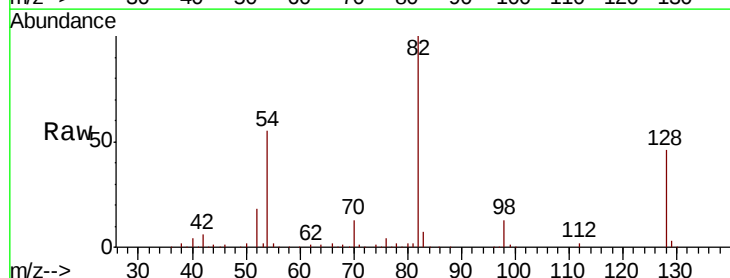
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-3

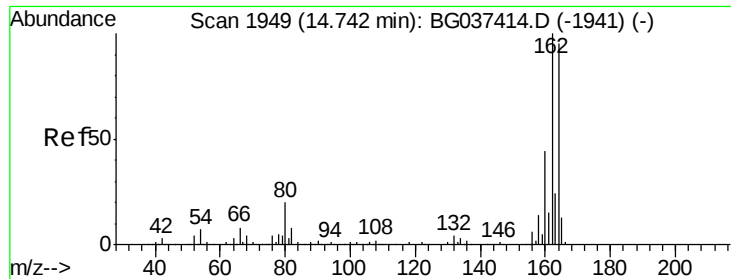
Tot Ion:136	Resp:	244719
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.6	14.4
54 10.3	7.9	11.9
68 6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.930 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion: 82	Resp: 414703
Ion Ratio	Lower Upper
82 100	
128 46.1	34.6 51.8
54 55.5	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

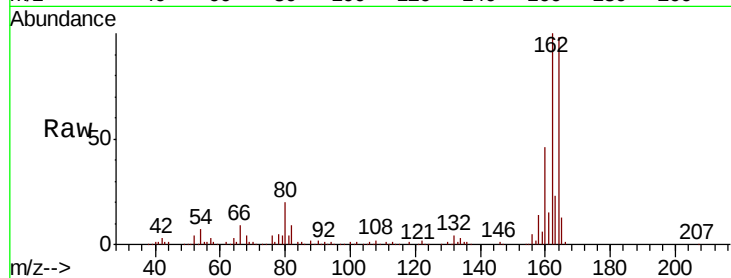
Tot Ion:164 Resp: 166635

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 46.5 36.3 54.5

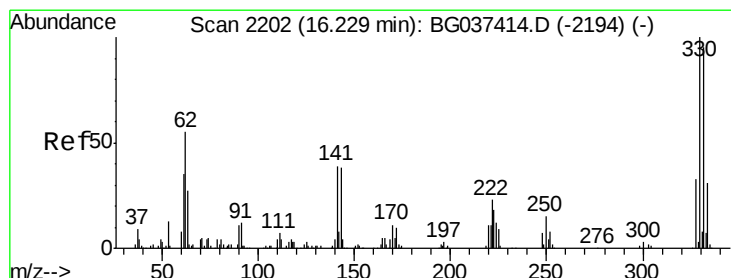
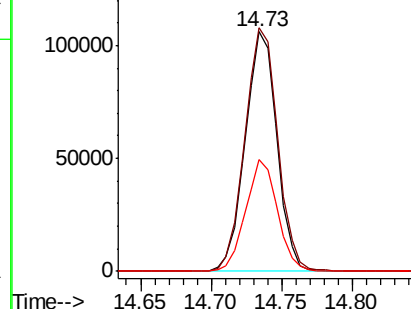
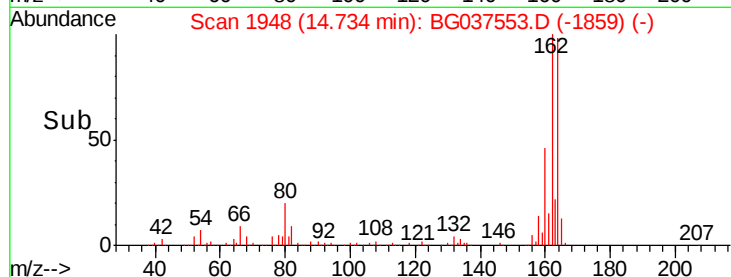


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 142.507 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

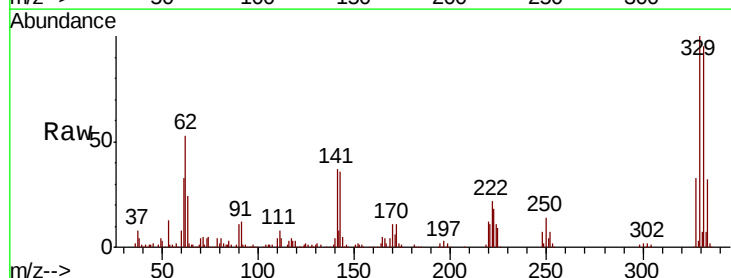
Tgt Ion:330 Resp: 259003

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

141 40.1 32.2 48.2

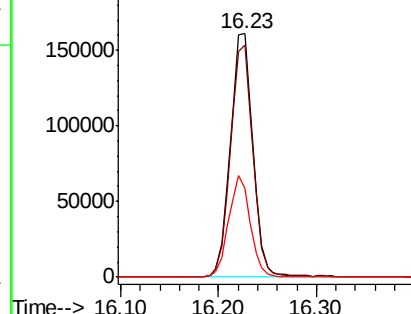
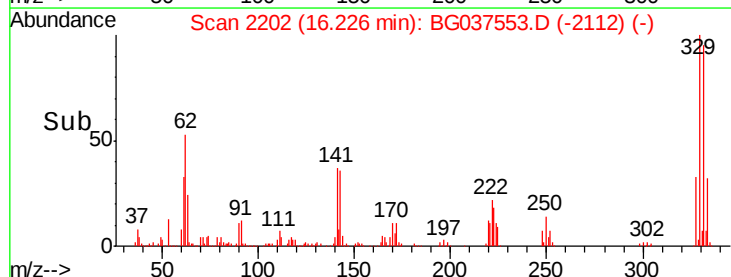


Abundance

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

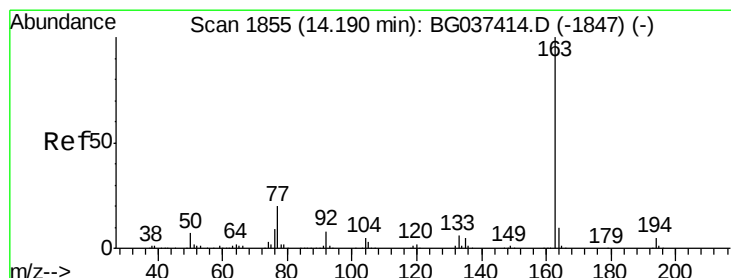
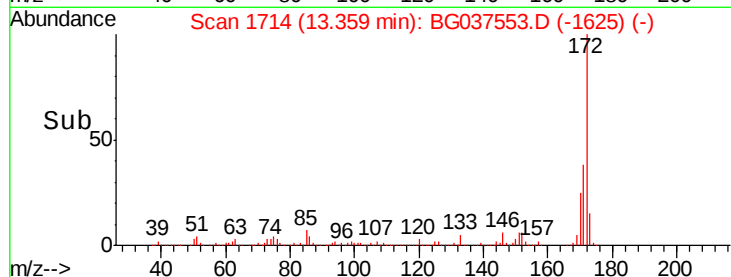
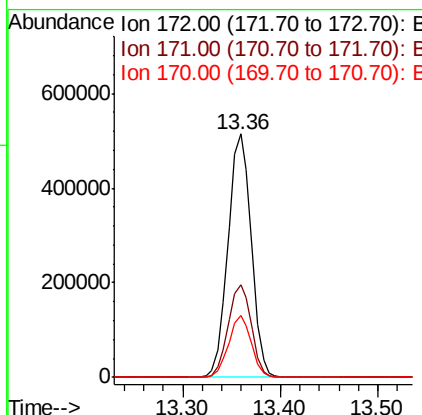
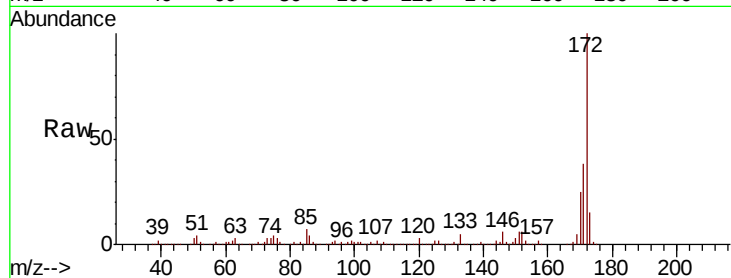




#45
 2-Fluorobiphenyl
 Concen: 76.961 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037553.D
 Acq: 25 Oct 2018 20:16

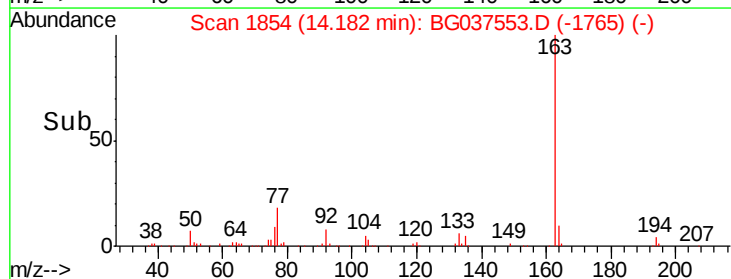
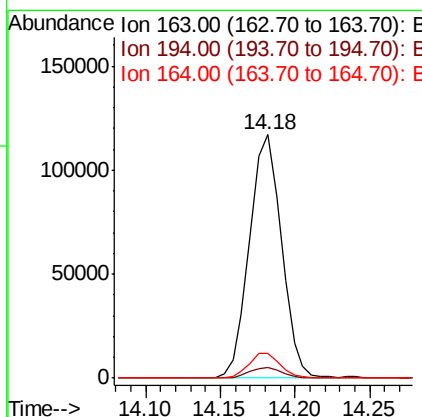
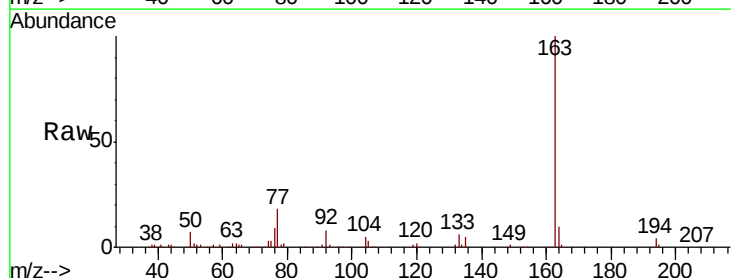
Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

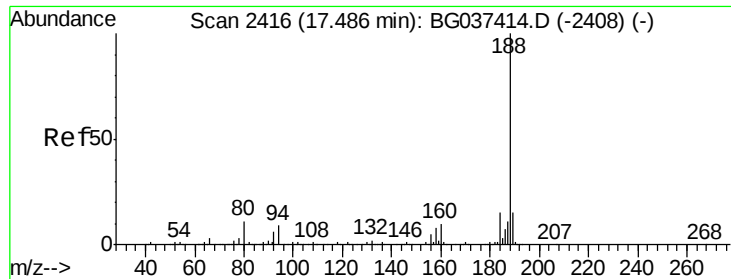
Tot Ion:	172	Resp:	850451
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



#50
 Dimethylphthalate
 Concen: 13.513 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG037553.D
 Acq: 25 Oct 2018 20:16

Tgt Ion:	163	Resp:	174197
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

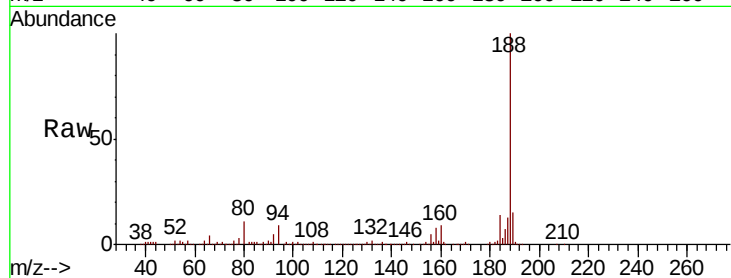
Tot Ion:188 Resp: 386496

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

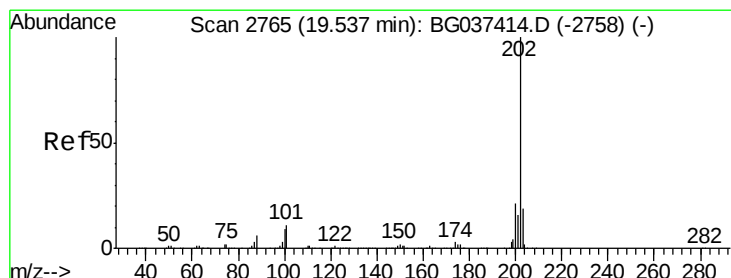
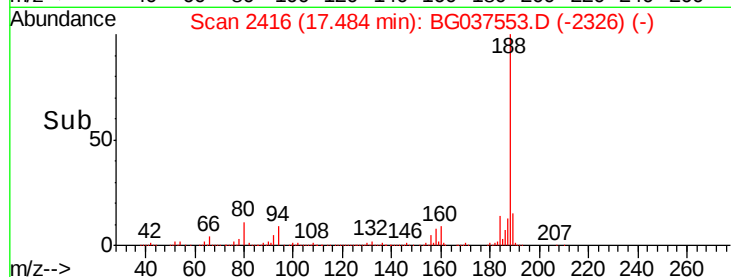
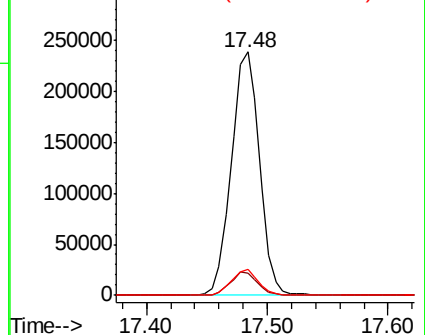
80 10.5 7.7 11.5



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



#75

Fluoranthene

Concen: 2.684 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

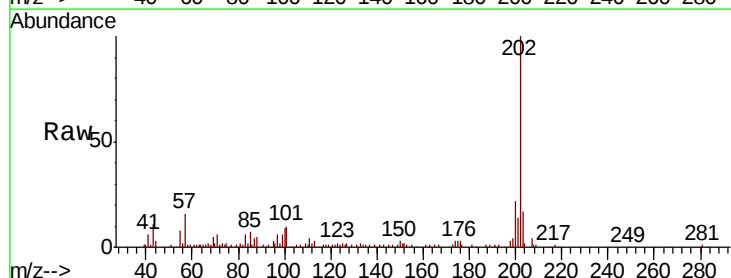
Tgt Ion:202 Resp: 59807

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

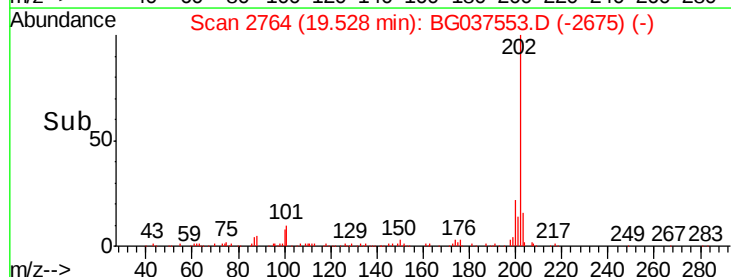
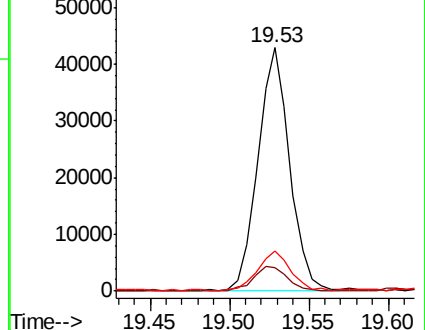
203 16.6 0.0 38.5

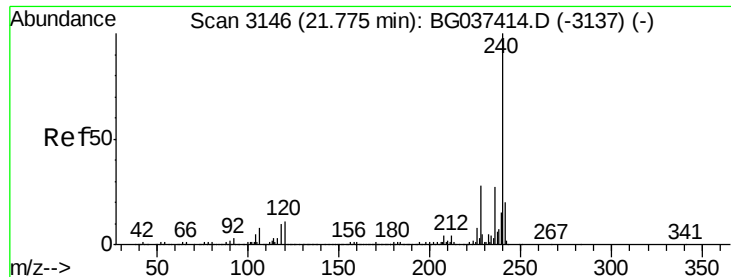


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-3

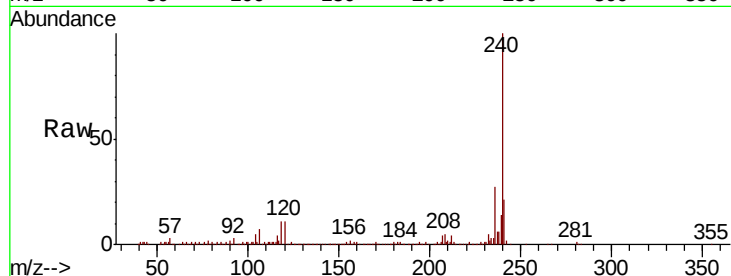
Tot Ion:240 Resp: 346871

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

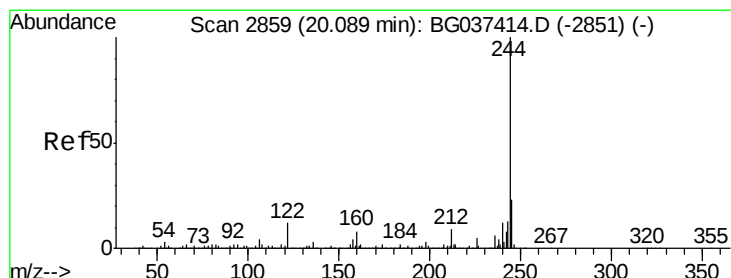
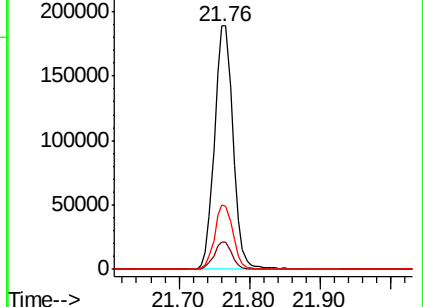
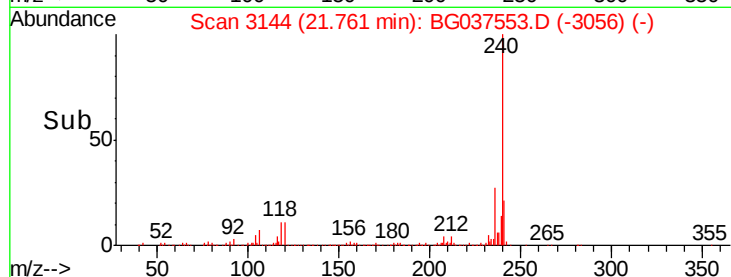
236 26.5 21.4 32.0



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: 73.048 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037553.D

Acq: 25 Oct 2018 20:16

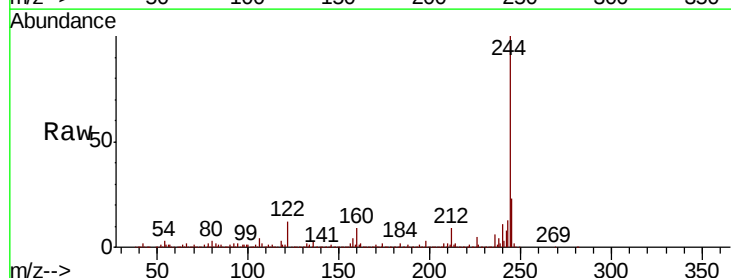
Tgt Ion:244 Resp: 1185819

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

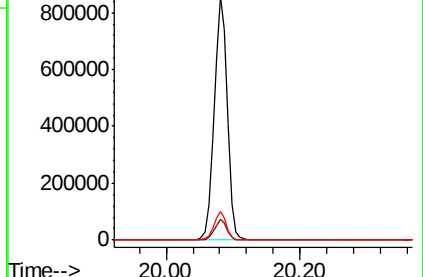
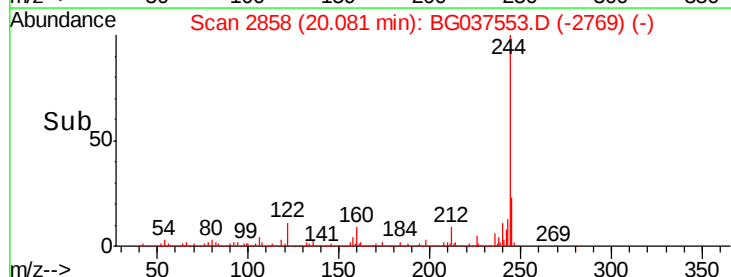
122 11.5 9.0 13.4

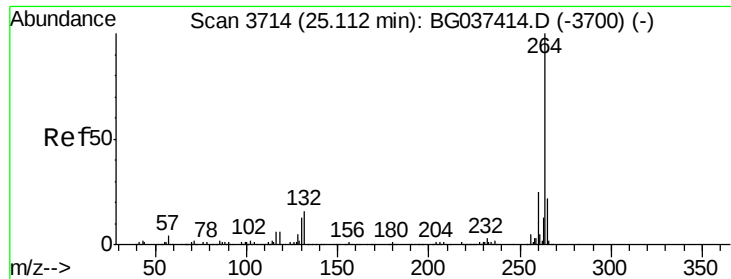


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.0	17.9	26.9

