

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037551.D
 Acq On : 25 Oct 2018 18:57
 Operator : JU/SJ
 Sample : J5639-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 26 08:22:04 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

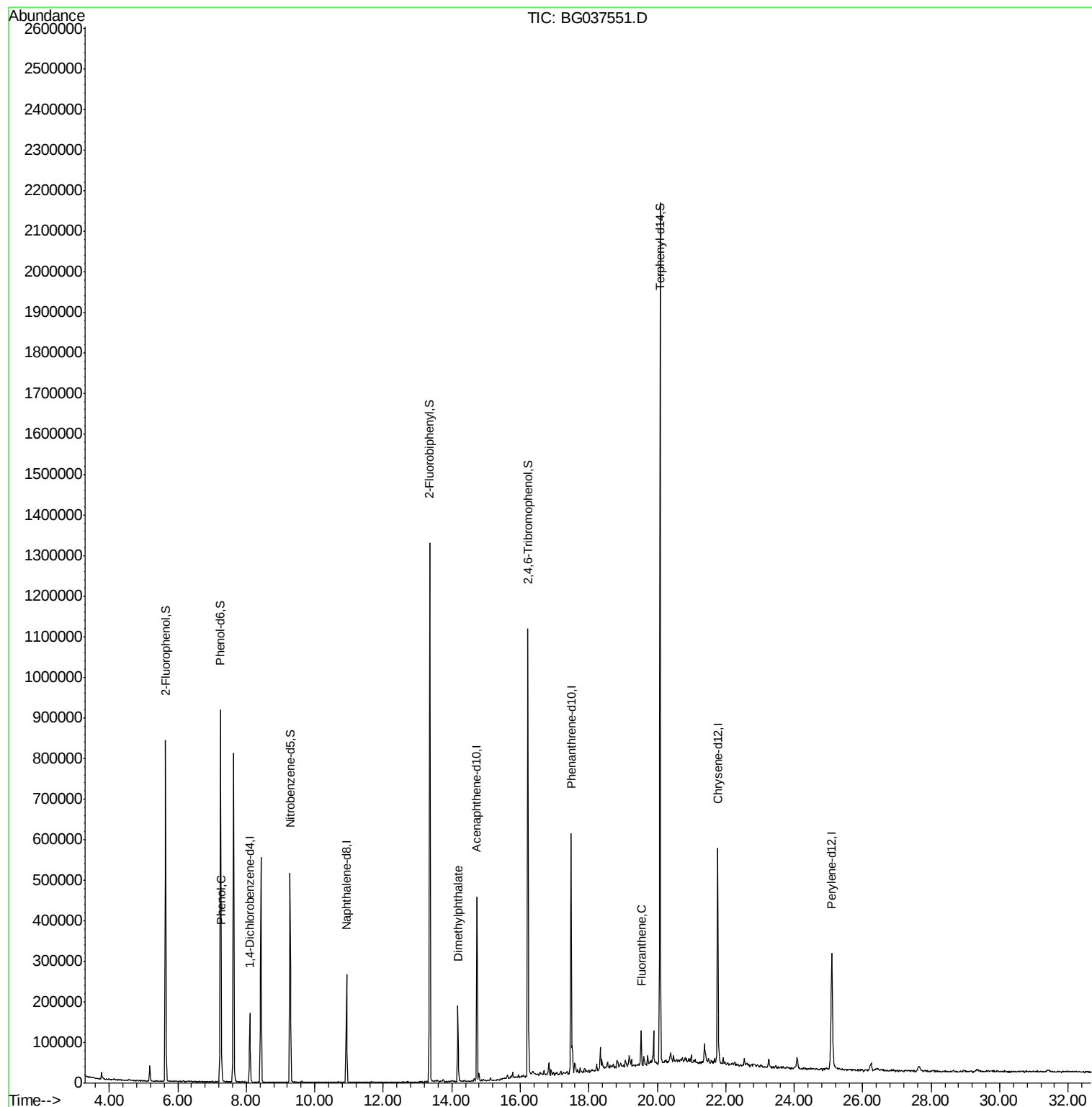
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52480	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236038	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163312	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	376987	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340517	20.00	ng	0.00
87) Perylene-d12	25.09	264	349015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384409	122.46	ng	0.00
7) Phenol-d6	7.25	99	572766	120.67	ng	0.00
23) Nitrobenzene-d5	9.28	82	330375	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	199699	112.11	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	714039	65.93	ng	0.00
79) Terphenyl-d14	20.08	244	993901	62.37	ng	0.00
Target Compounds						
10) Phenol	7.27	94	58389	11.659	ng	98
50) Dimethylphthalate	14.18	163	127474	10.090	ng	99
75) Fluoranthene	19.53	202	55723	2.564	ng	95

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

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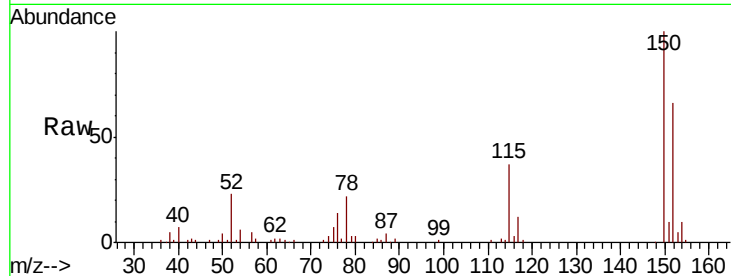


#1

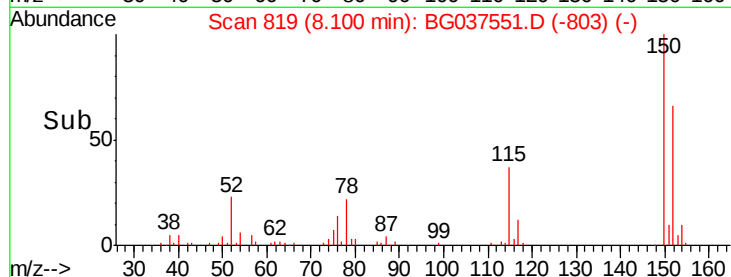
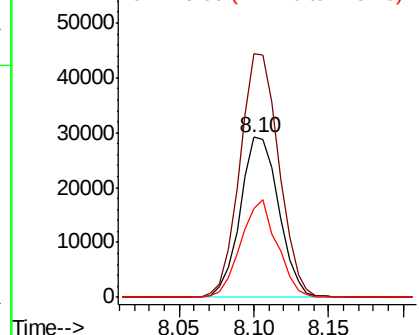
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion:152 Resp: 52480
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 55.8 45.5 68.3



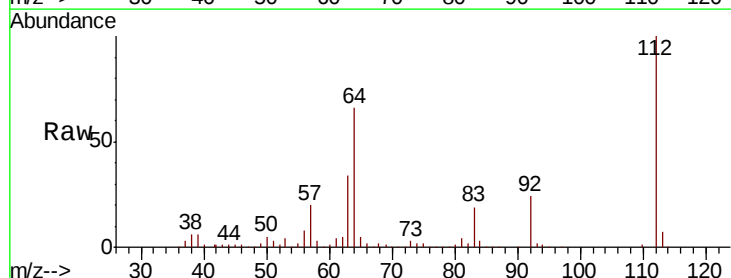
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



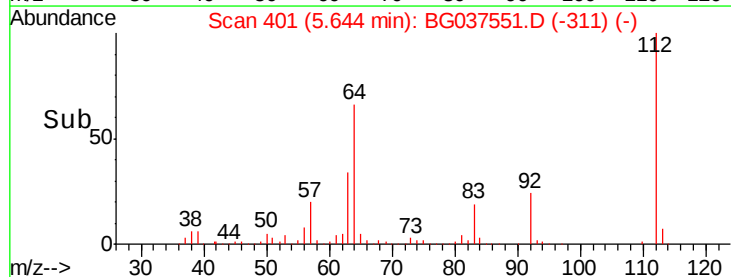
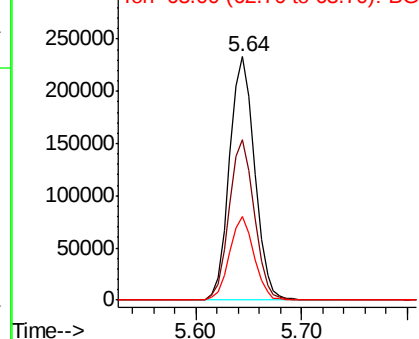
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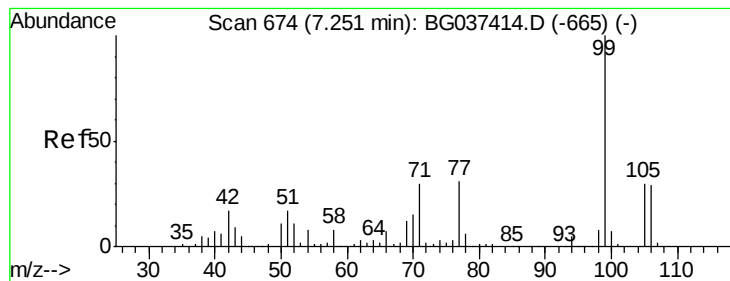
2-Fluorophenol
Concen: 122.461 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:112 Resp: 384409
Ion Ratio Lower Upper
112 100
64 65.7 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.668 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-1

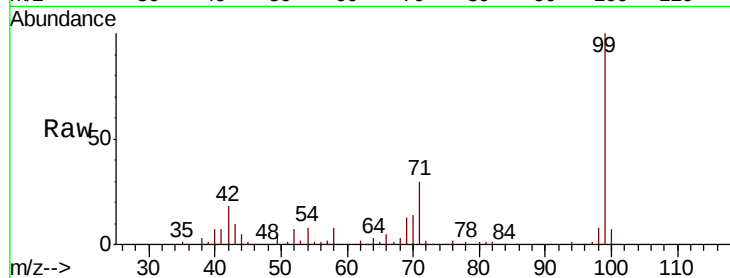
Tot Ion: 99 Resp: 572766

Ion Ratio Lower Upper

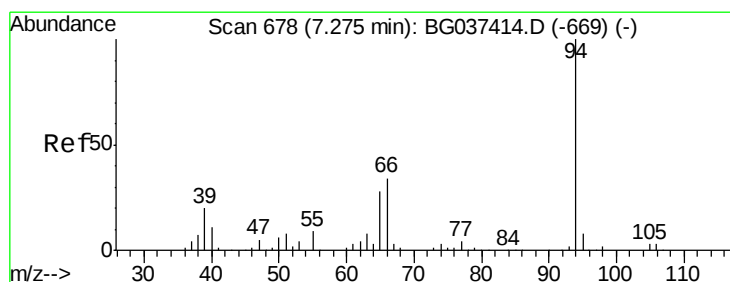
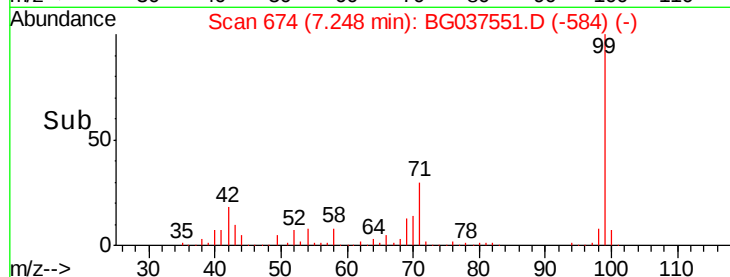
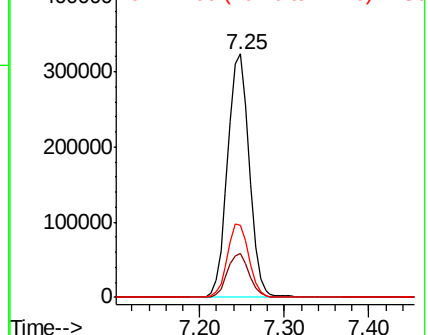
99 100

42 18.0 15.0 22.4

71 29.8 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: 11.659 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

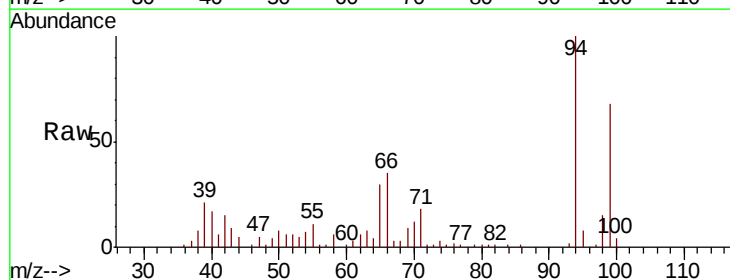
Tgt Ion: 94 Resp: 58389

Ion Ratio Lower Upper

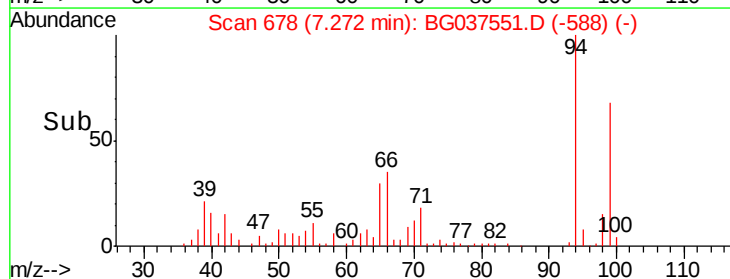
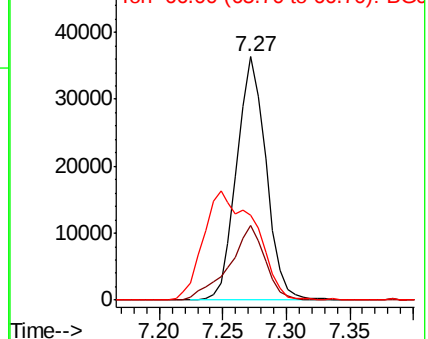
94 100

65 30.5 9.7 49.7

66 35.0 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

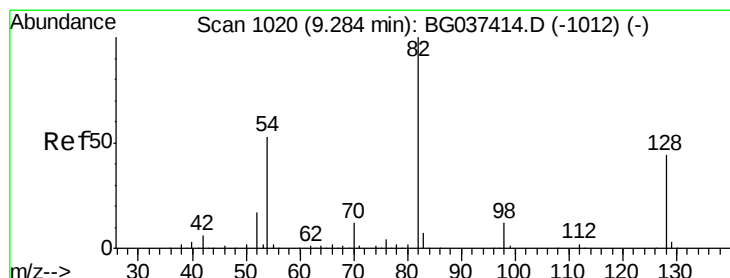
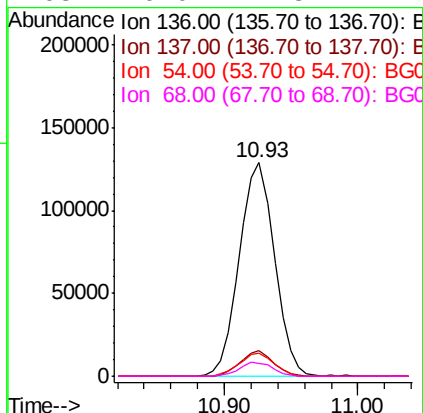
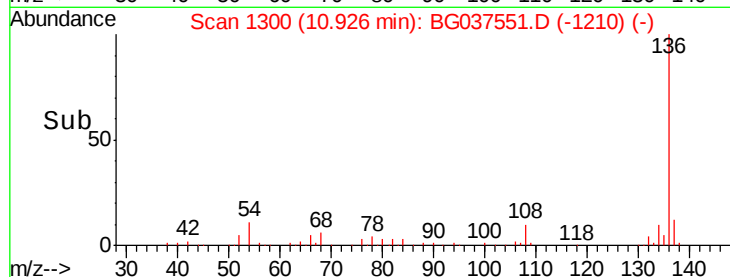
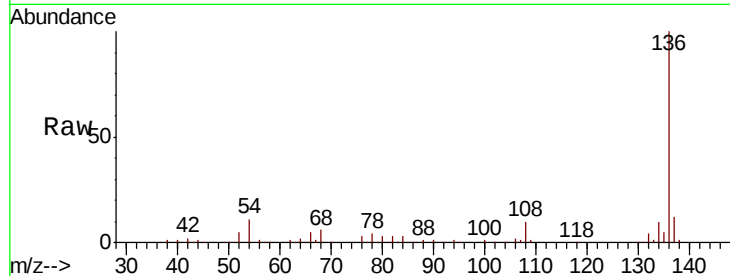




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

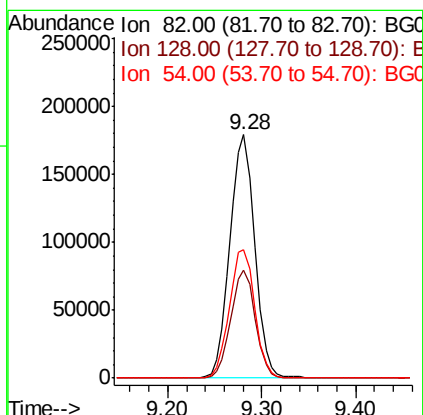
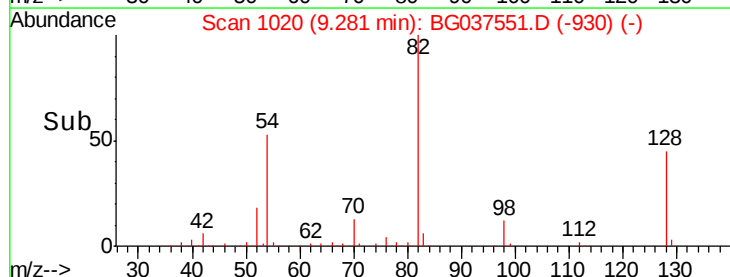
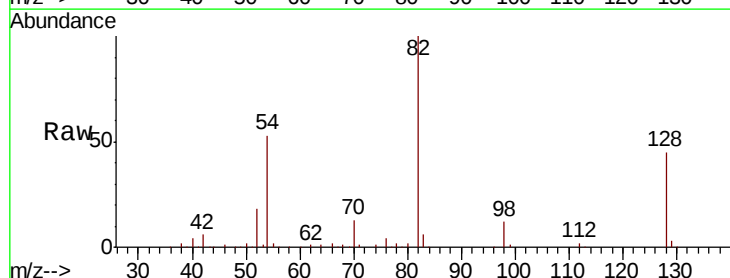
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion:136	Resp:	236038	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	9.6	14.4	
54 10.6	7.9	11.9	
68 6.0	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 78.408 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt	Ion: 82	Resp:	330375
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	52.8	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: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-1

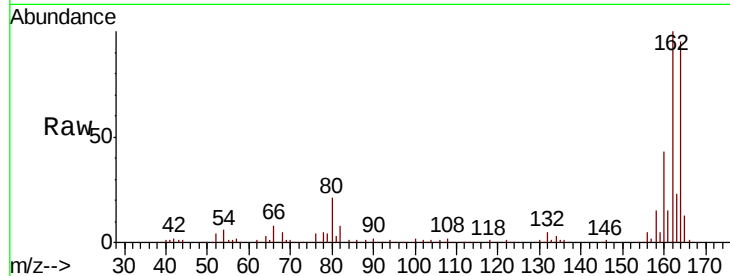
Tot Ion:164 Resp: 163312

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

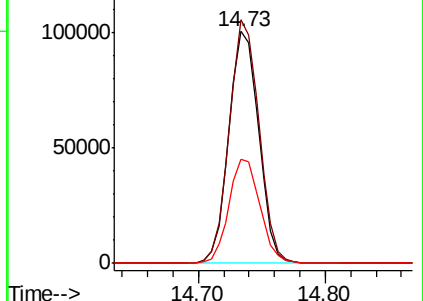
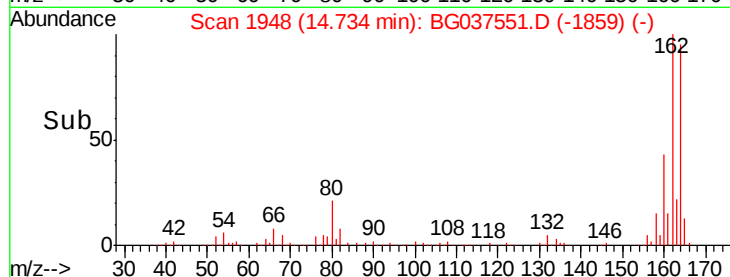
160 44.7 36.3 54.5



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: 112.113 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

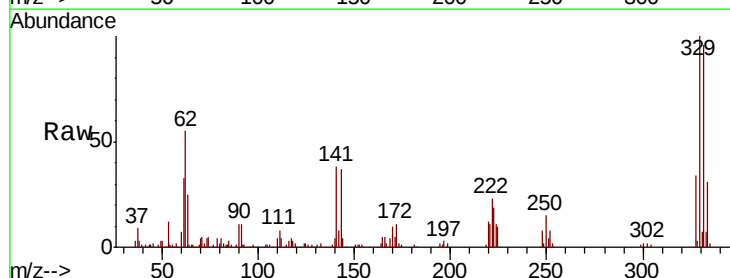
Tgt Ion:330 Resp: 199699

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

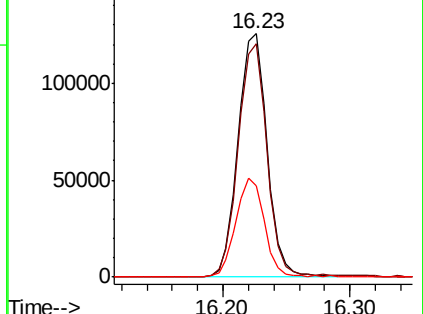
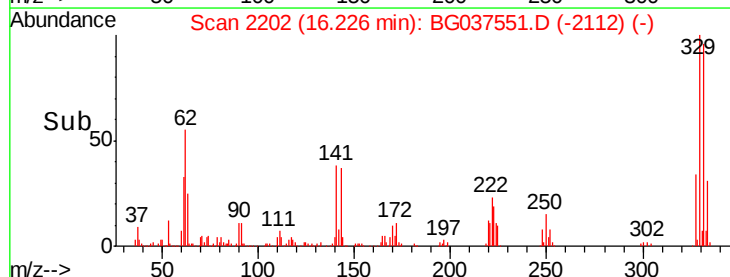
141 40.4 32.2 48.2



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

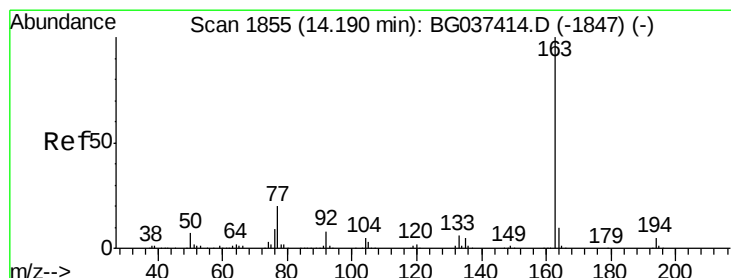
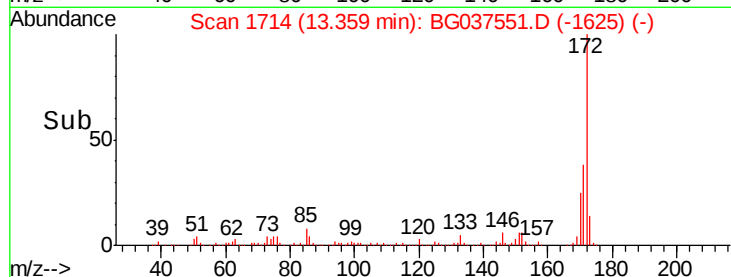
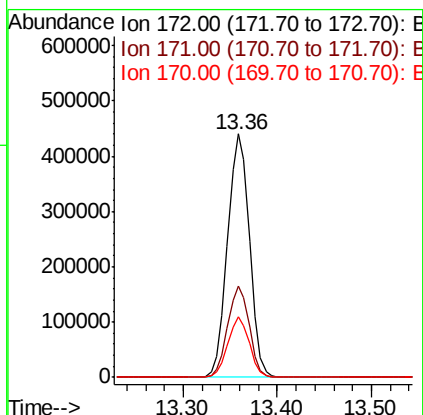
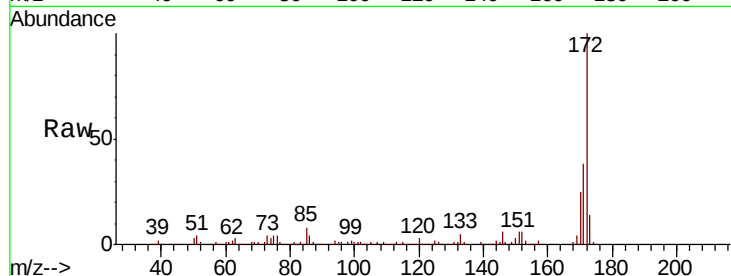




#45
2-Fluorobiphenyl
Concen: 65.931 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

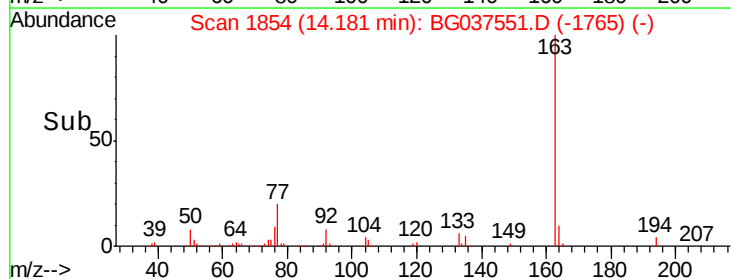
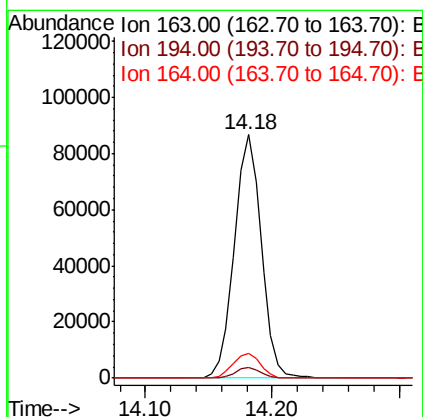
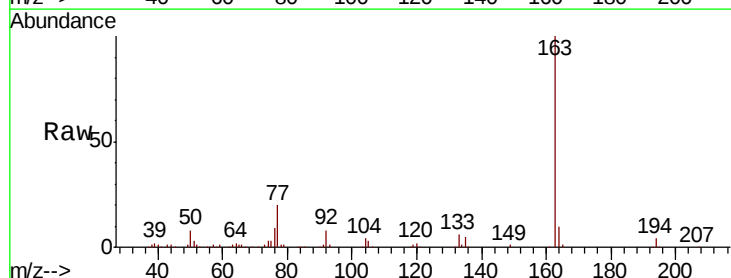
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

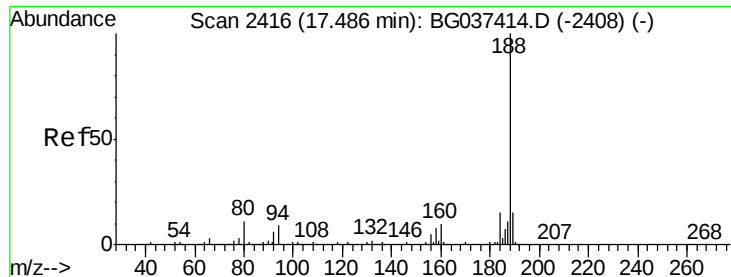
Tot Ion:172 Resp: 714039
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.1 20.2 30.2



#50
Dimethylphthalate
Concen: 10.090 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:163 Resp: 127474
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.5 12.7

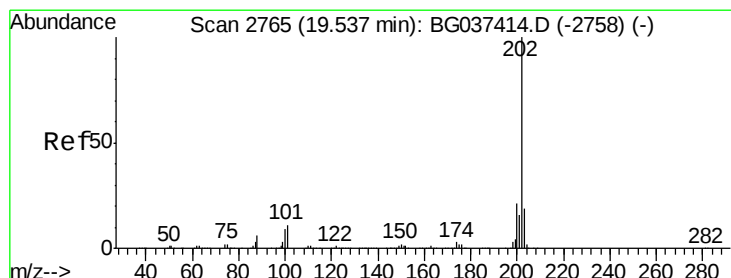
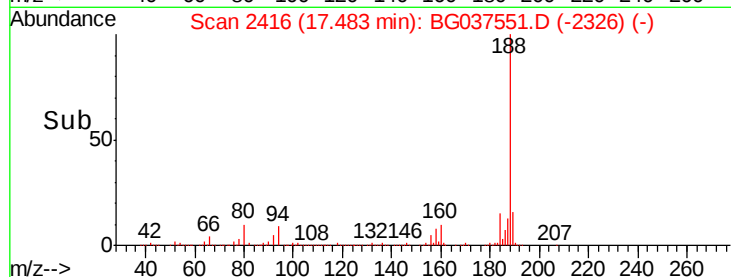
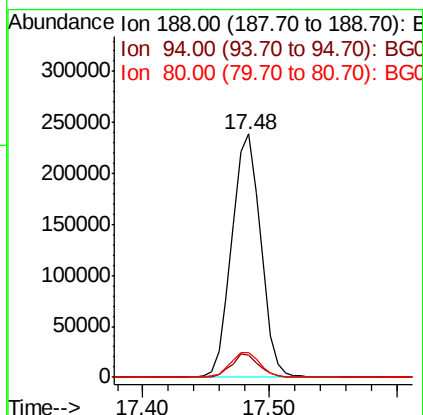
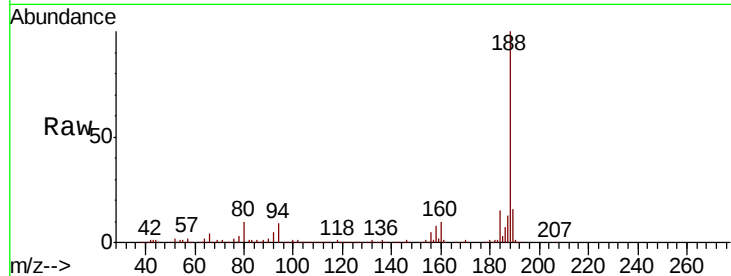




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

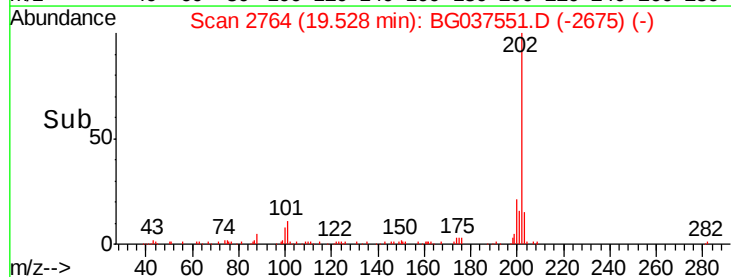
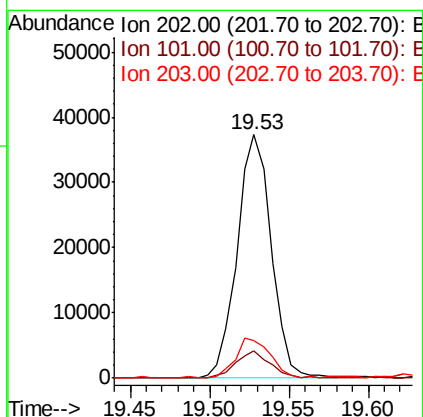
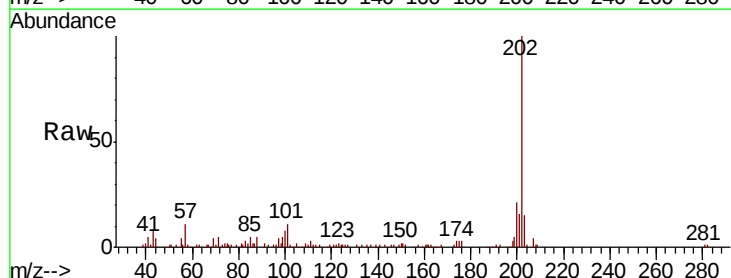
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

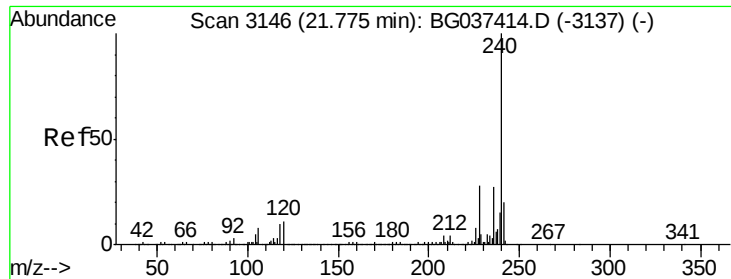
Tot Ion:188 Resp: 376987
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.0 7.7 11.5



#75
Fluoranthene
Concen: 2.564 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:202 Resp: 55723
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 15.3 0.0 38.5

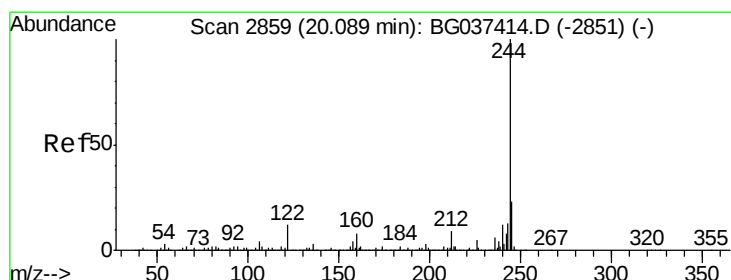
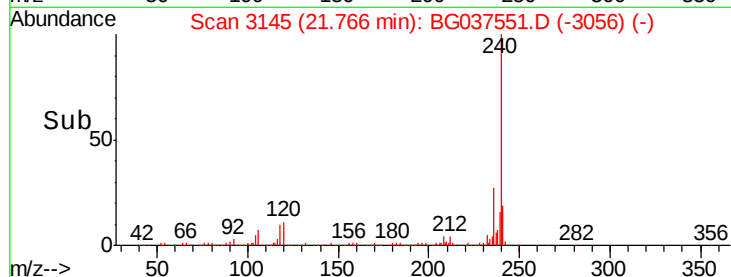
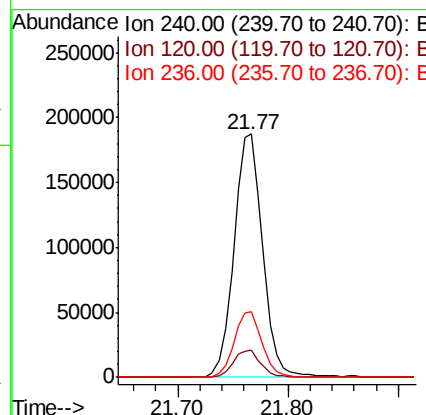
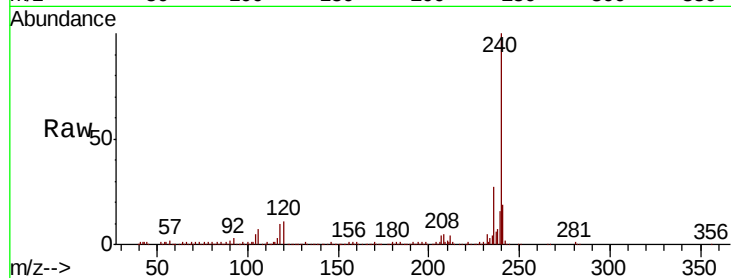




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

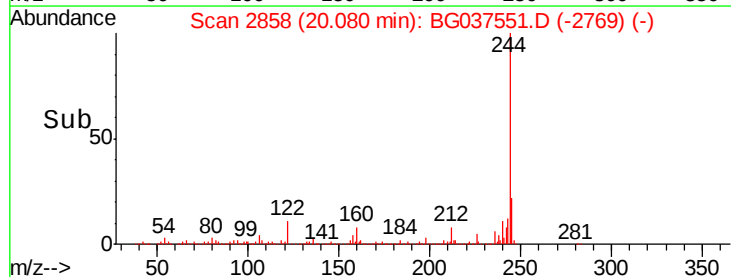
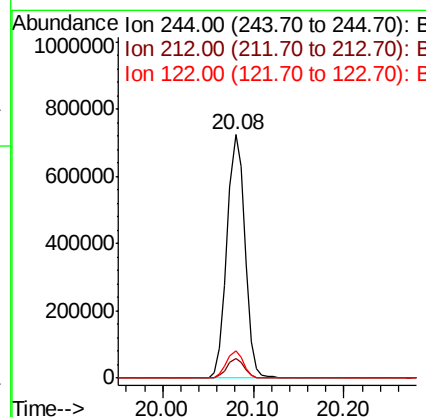
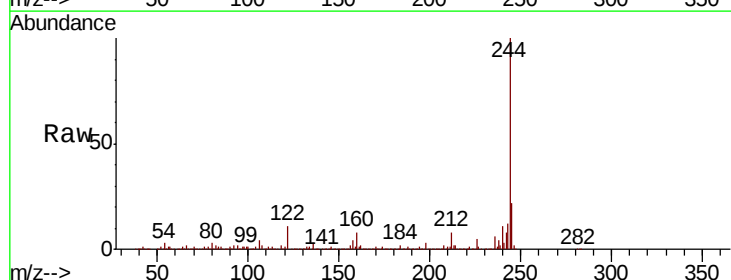
Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

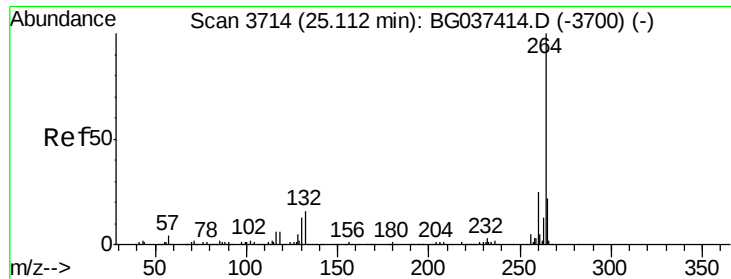
Tot Ion:240 Resp: 340517
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 62.368 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

Tgt Ion:244 Resp: 993901
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.3 9.0 13.4

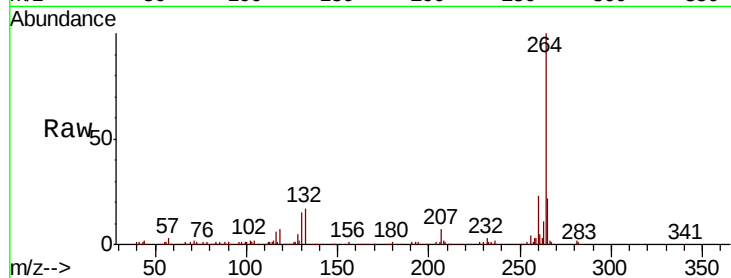




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.8	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

