

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 08:05:47 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

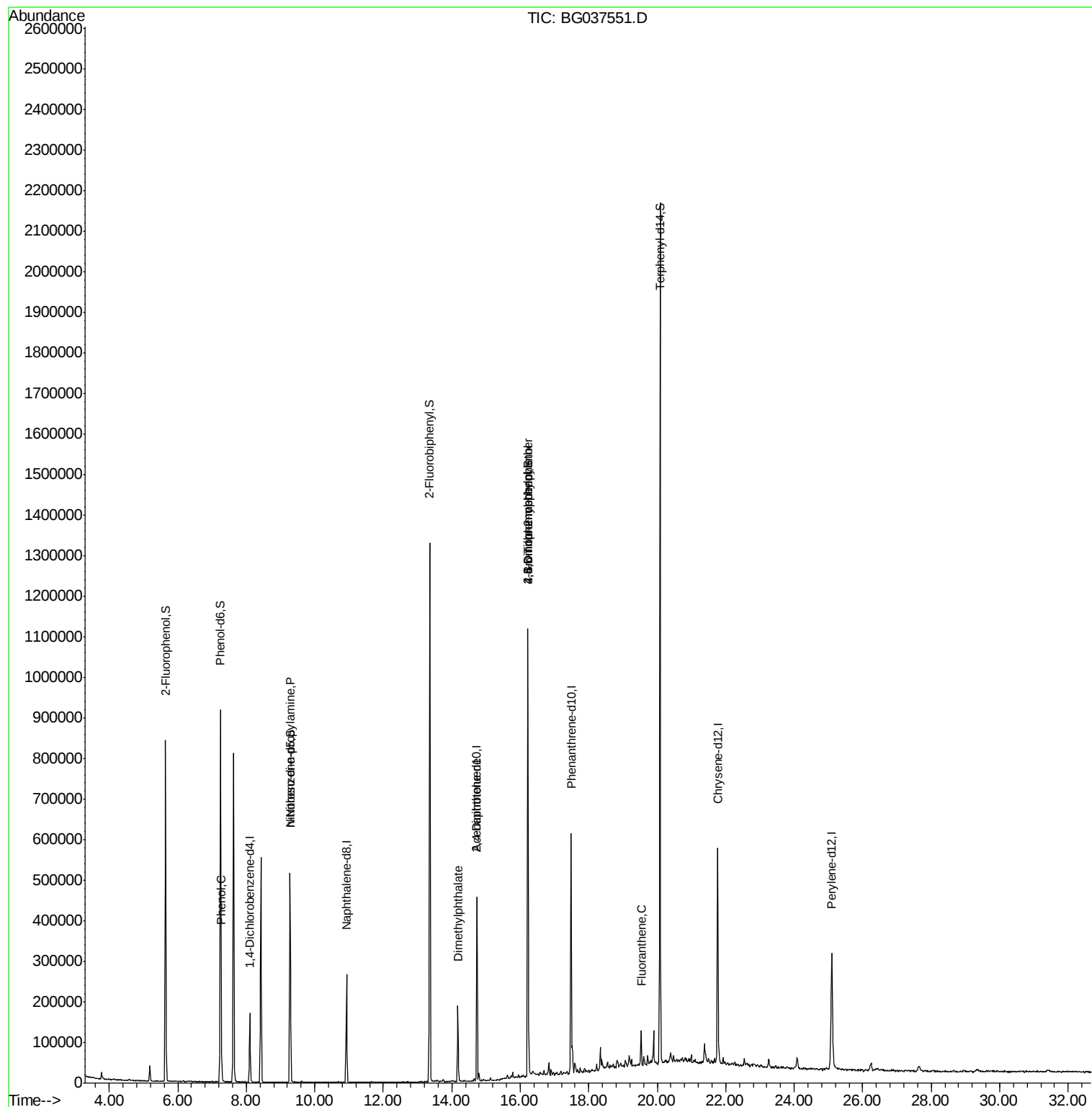
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52480	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236038	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163312	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	376987	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340517	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
19) n-Nitroso-di-n-propylamine	9.28	70	40688	12.448	ng	# 70
50) Dimethylphthalate	14.18	163	127474	10.090	ng	99
57) 2,4-Dinitrotoluene	14.73	165	20620	5.620	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	519	8.723	ng	73
67) 4-Bromophenyl-phenylether	16.23	248	14963	3.614	ng	# 1
75) Fluoranthene	19.53	202	55723	2.564	ng	95

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

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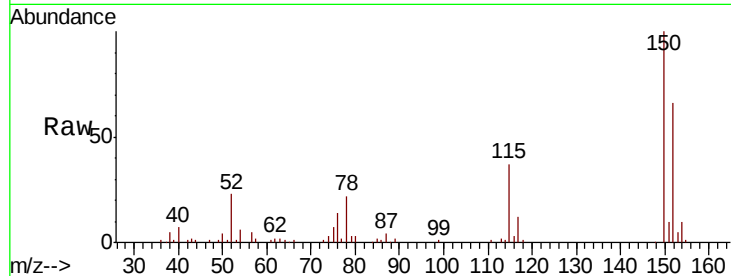


#1

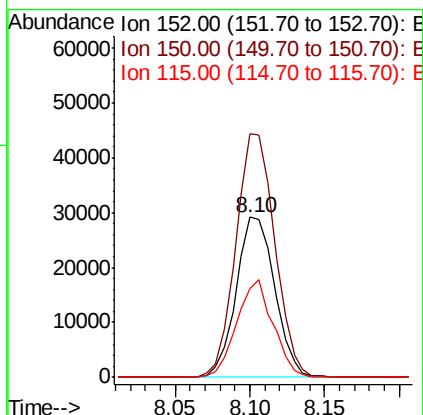
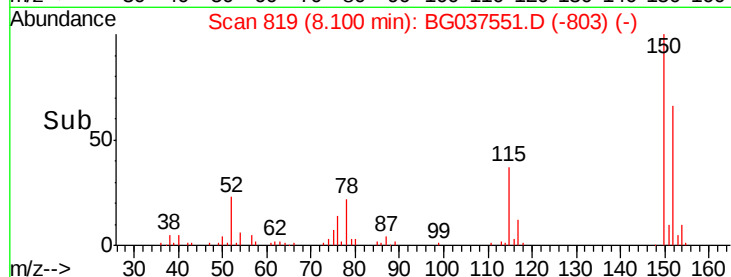
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

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



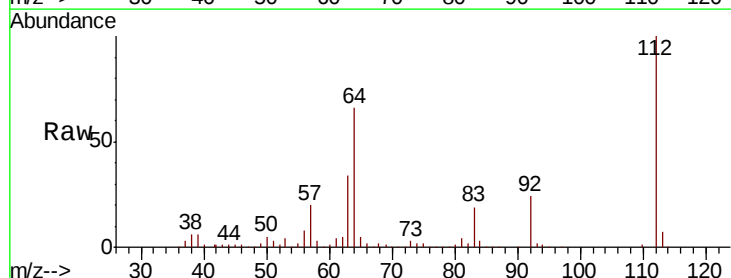
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



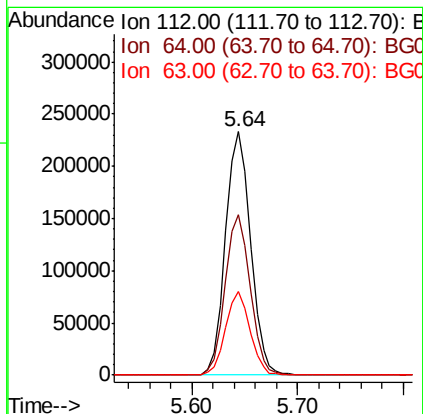
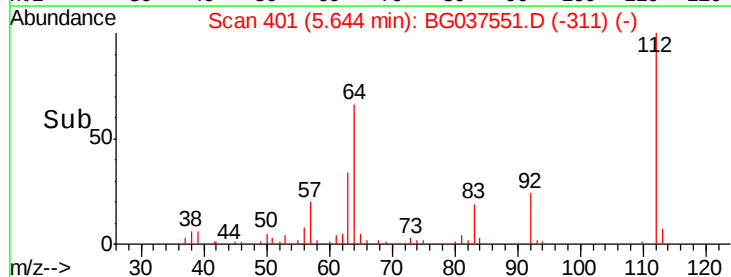
#5

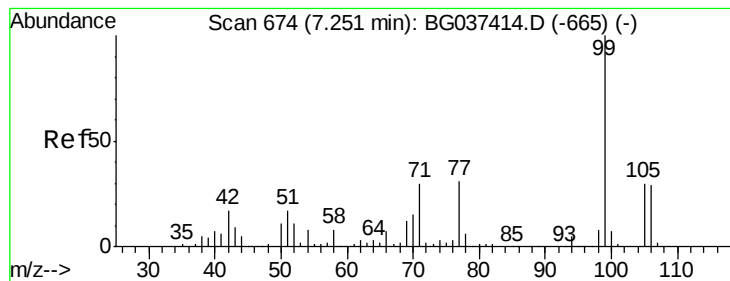
2-Fluorophenol
Concen: 122.461 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

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

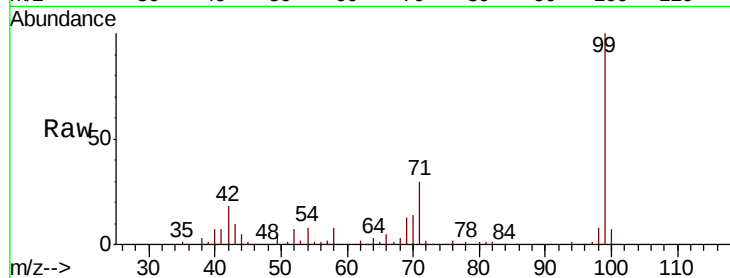
Tot Ion: 99 Resp: 572766

Ion Ratio Lower Upper

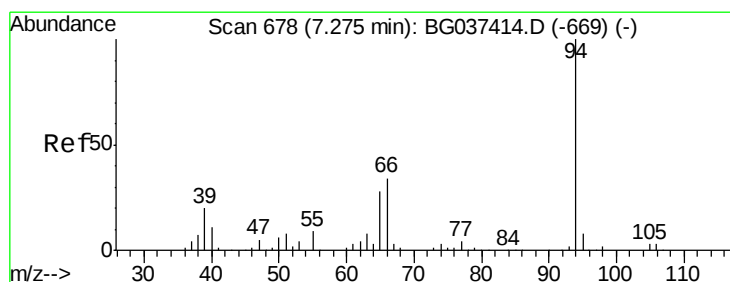
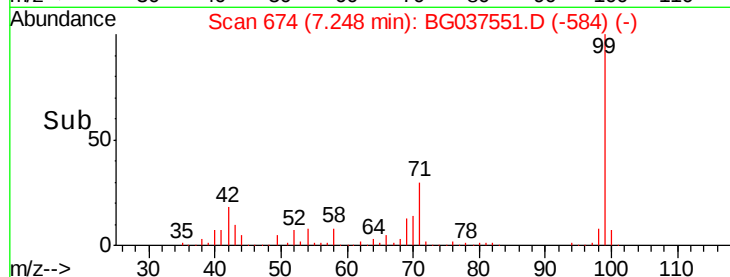
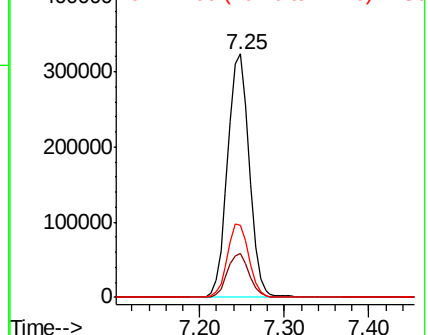
99 100

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

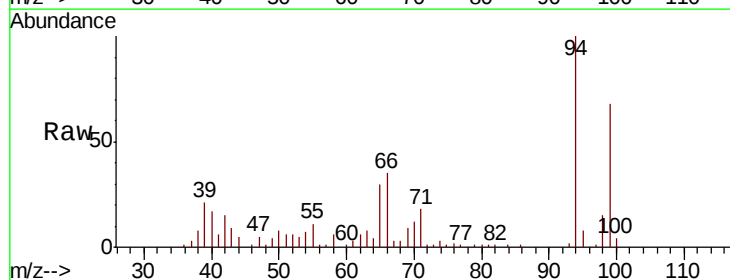
Tgt Ion: 94 Resp: 58389

Ion Ratio Lower Upper

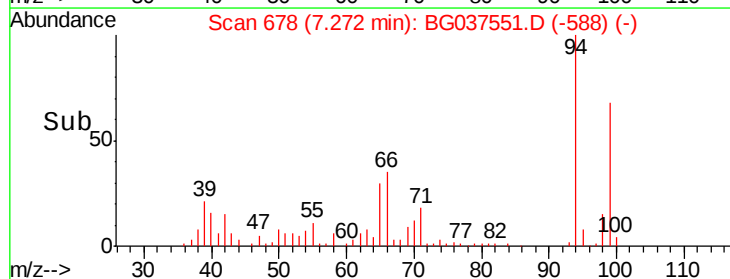
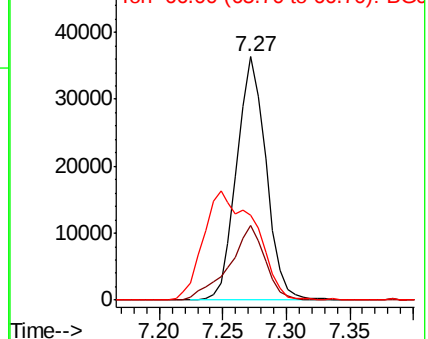
94 100

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

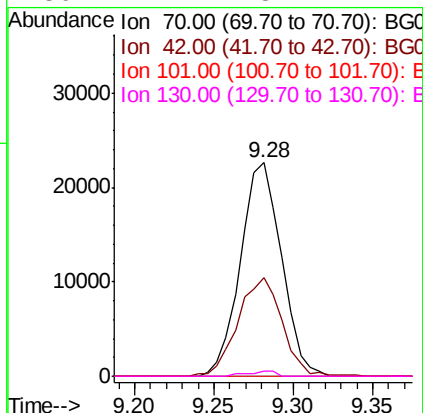
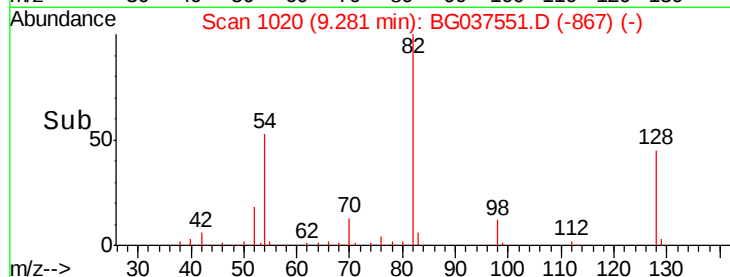
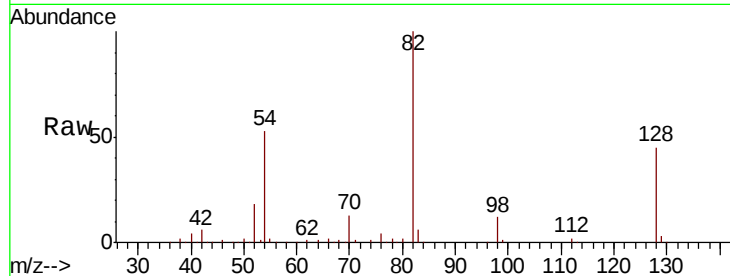




#19
n-Nitroso-di-n-propylamine
Concen: 12.448 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

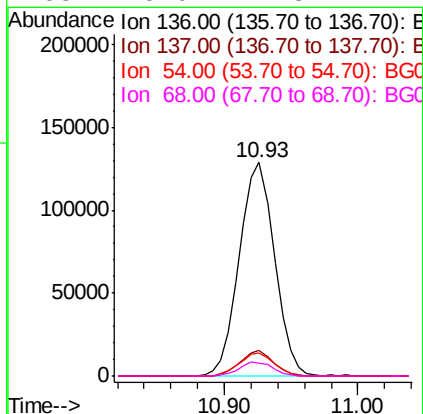
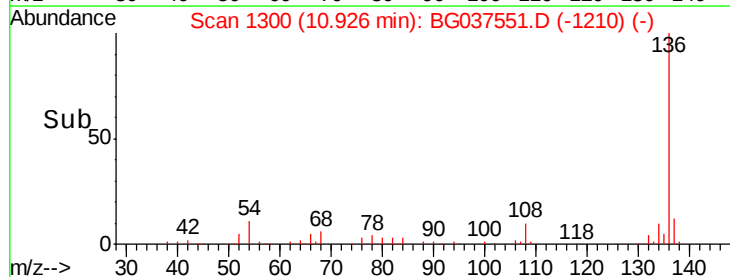
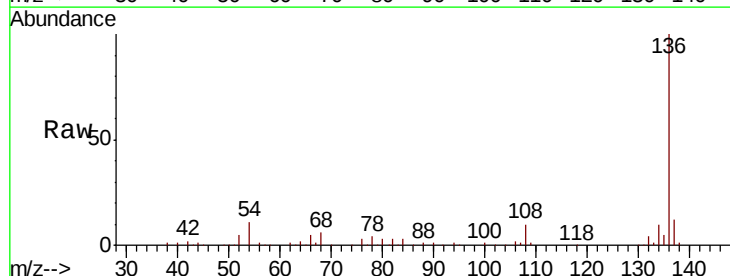
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion: 70 Resp: 40688
Ion Ratio Lower Upper
70 100
42 46.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#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

Tgt 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

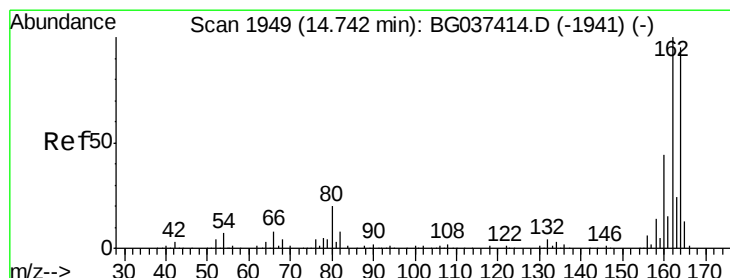
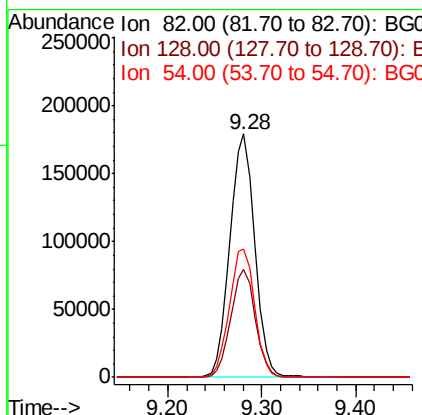
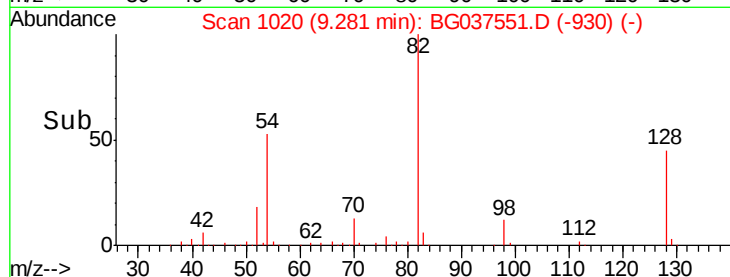
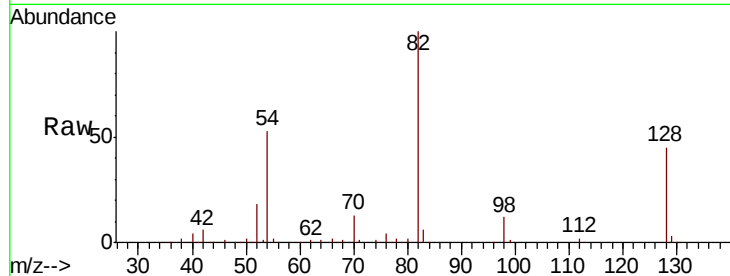




#23
Nitrobenzene-d5
Concen: 78.408 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

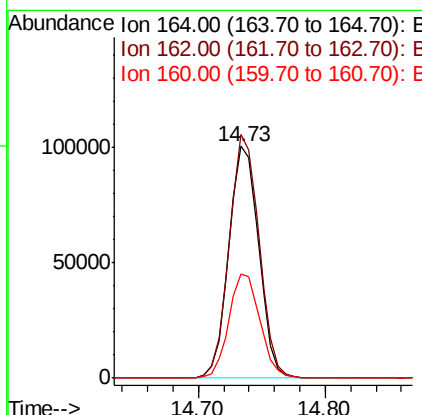
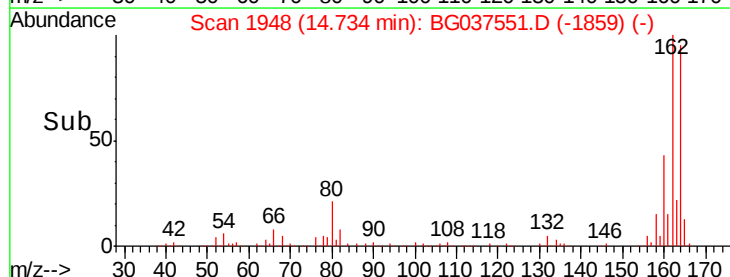
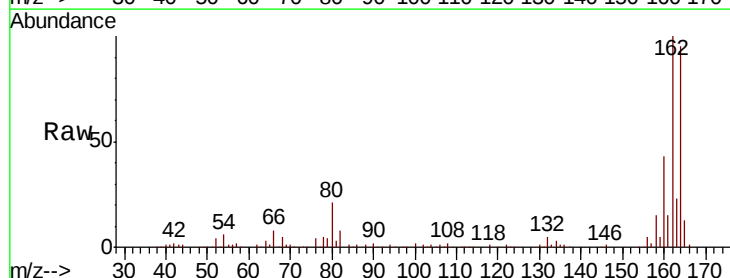
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

Tot Ion	82	Resp	330375
Ion Ratio	100	Lower	Upper
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

Tgt Ion	164	Resp	163312
Ion Ratio	100	Lower	Upper
162	105.0	81.3	121.9
160	44.7	36.3	54.5

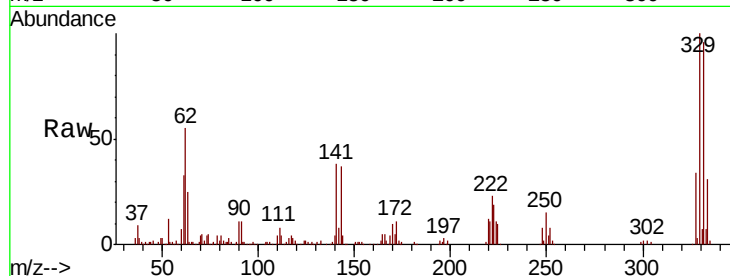




#42
 2,4,6-Tribromophenol
 Concen: 112.113 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	40.4	32.2	48.2

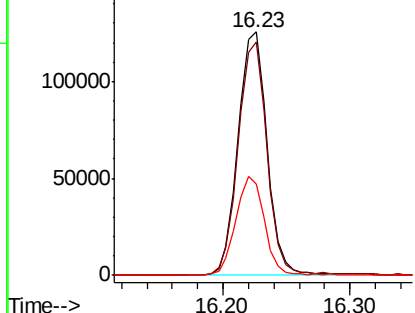
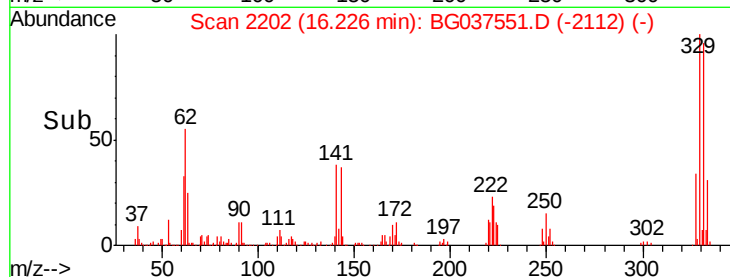


Abundance

Ion 329.80 (329.50 to 330.50): E

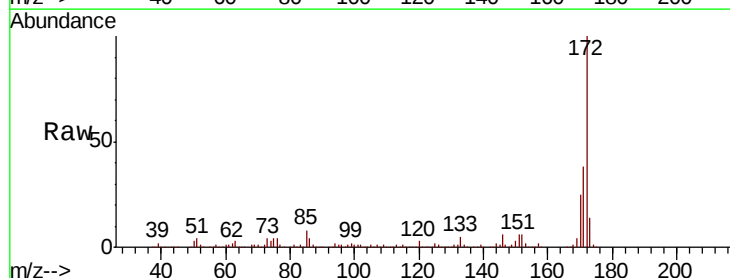
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.1	20.2	30.2

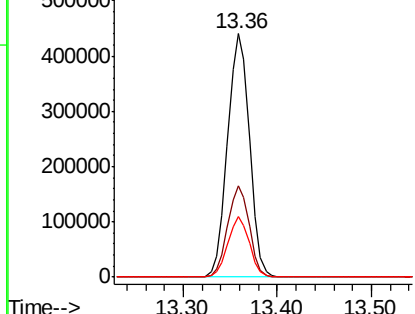
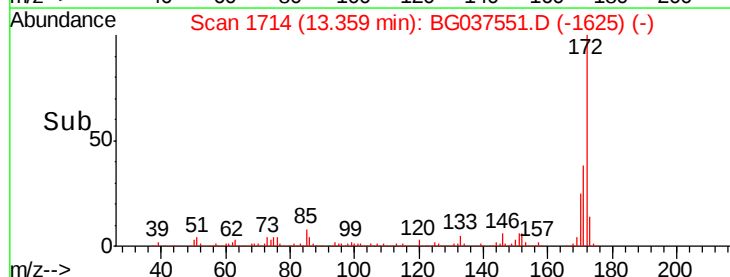


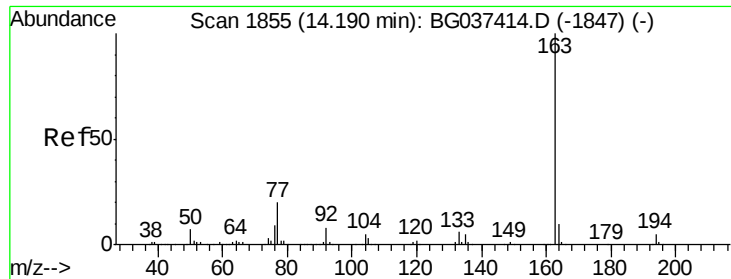
Abundance

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

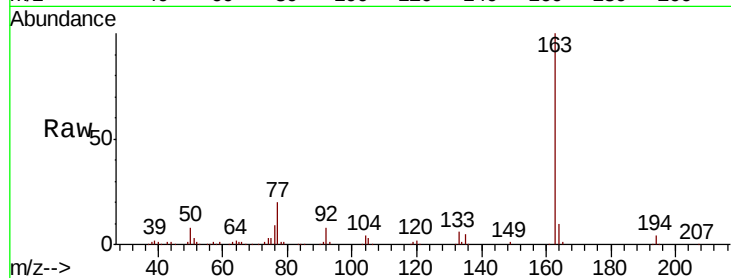




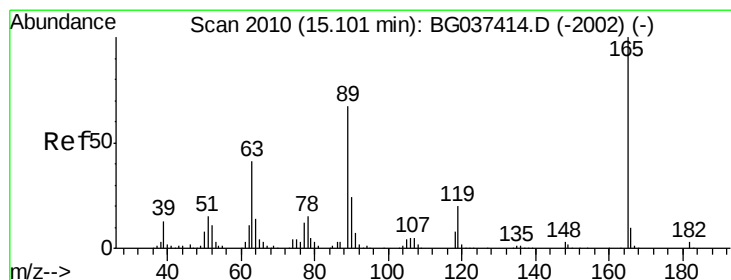
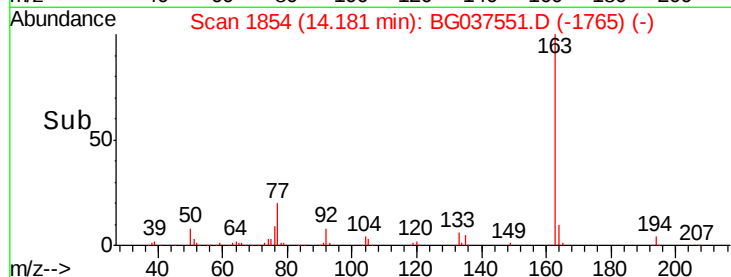
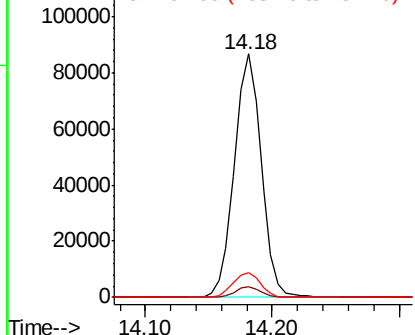
#50
Dimethylphthalate
Concen: 10.090 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampleID :
BS-SOIL-1

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

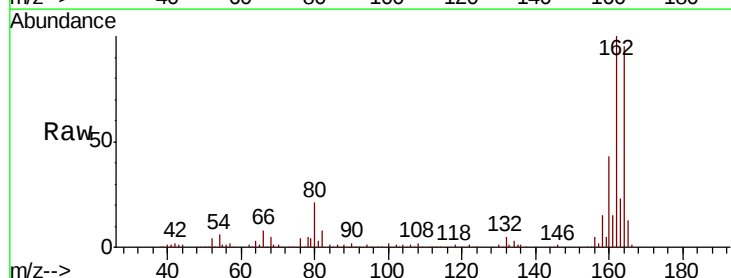


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

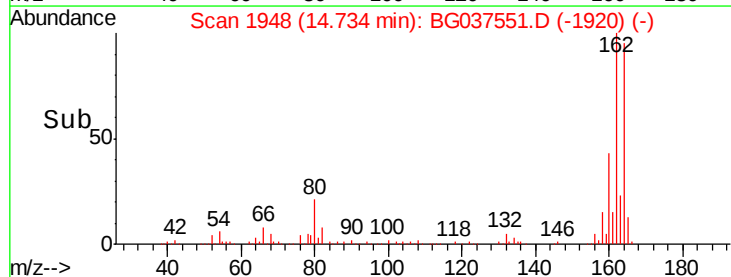
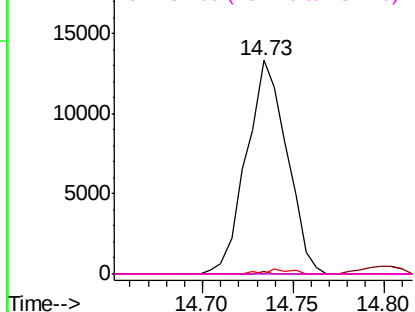


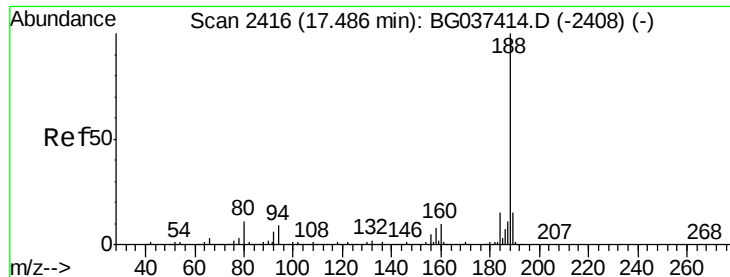
#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:165 Resp: 20620
Ion Ratio Lower Upper
165 100
63 1.1 33.4 50.0#
89 0.0 57.2 85.8#
182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

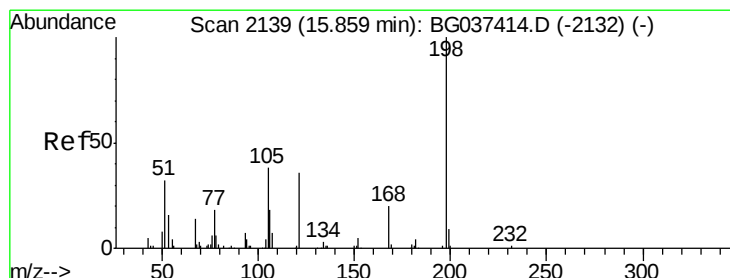
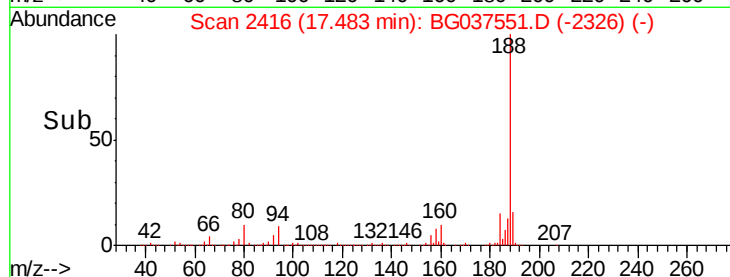
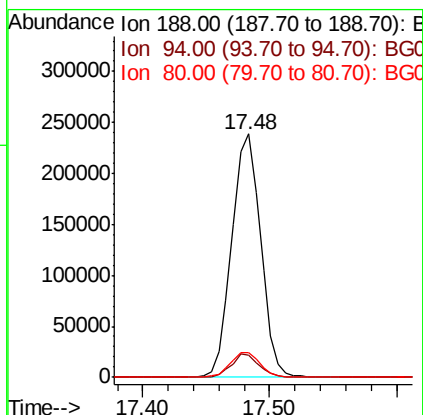
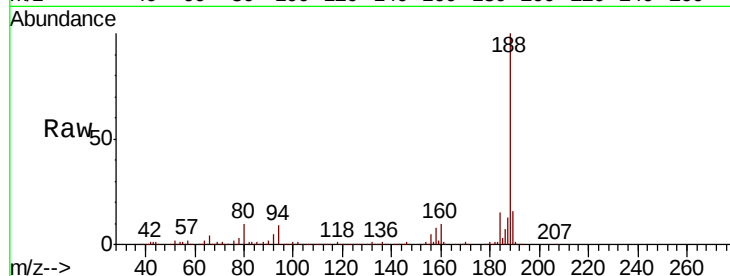




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

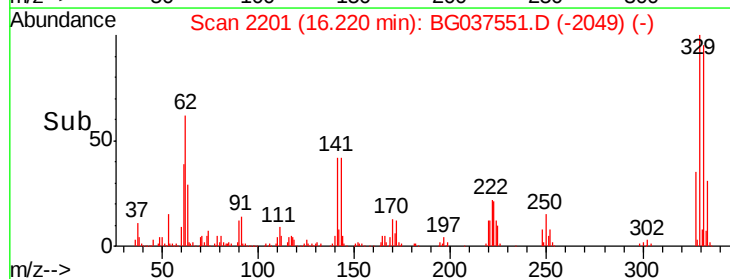
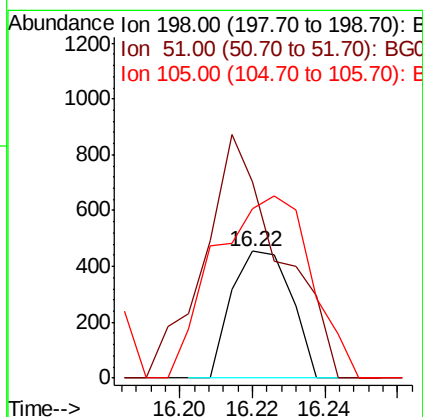
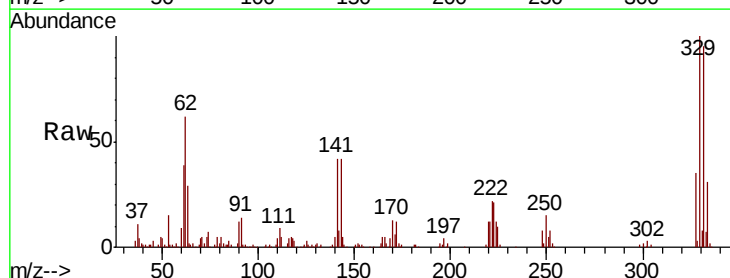
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-1

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



#65
4,6-Dinitro-2-methylphenol
Concen: 8.723 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 26.2 22.7 62.7
105 22.6 19.7 59.7

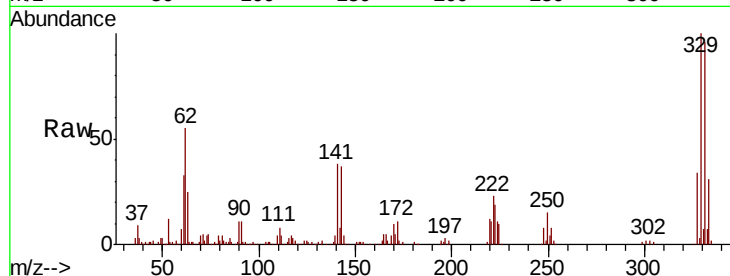




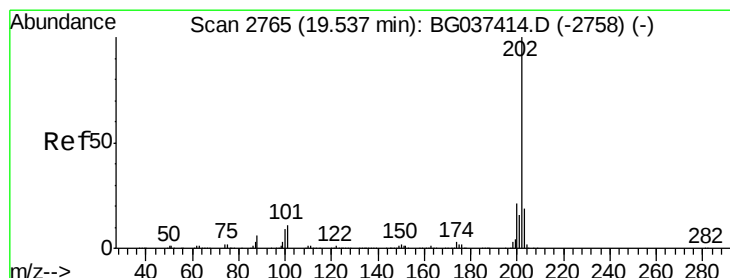
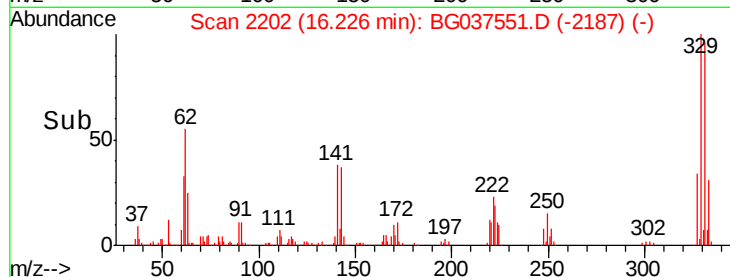
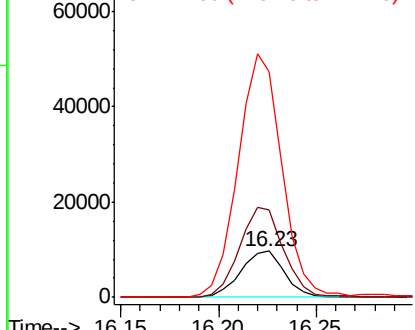
#67
 4-Bromophenyl-phenylether
 Concen: 3.614 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-1

Tot Ion:248 Resp: 14963
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.0 115.6#
 141 379.7 55.5 83.3#

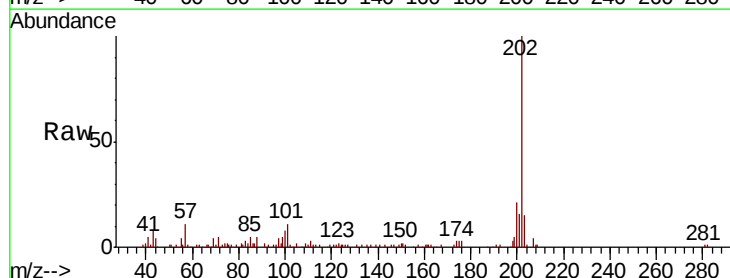


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

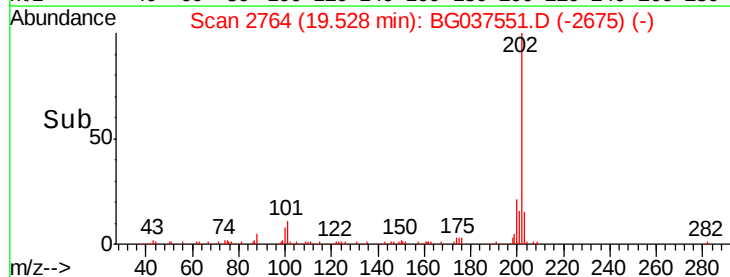
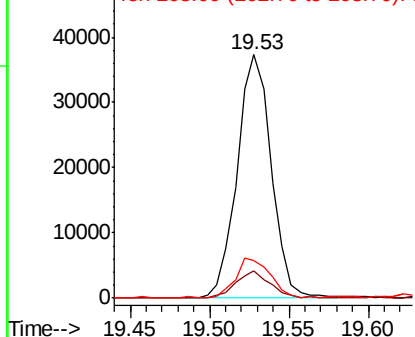


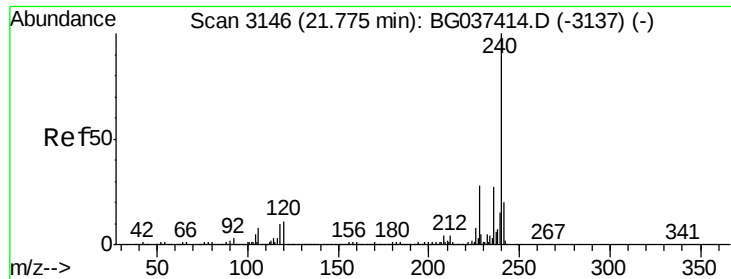
#75
 Fluoranthene
 Concen: 2.564 ng
 RT: 19.53 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

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



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

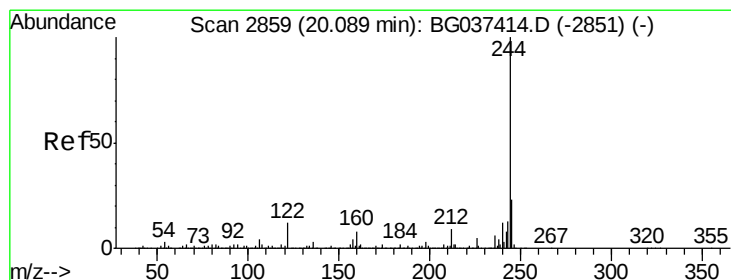
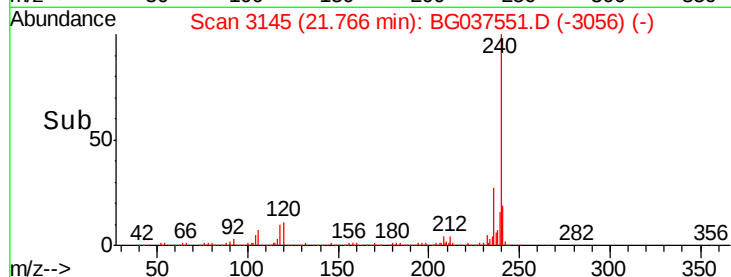
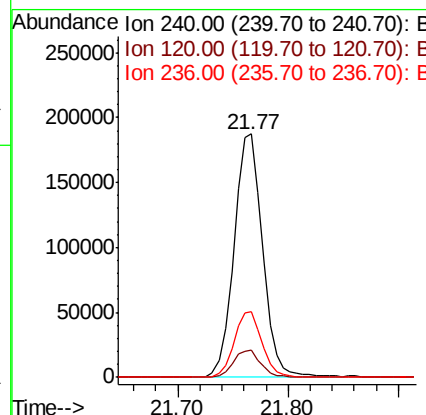
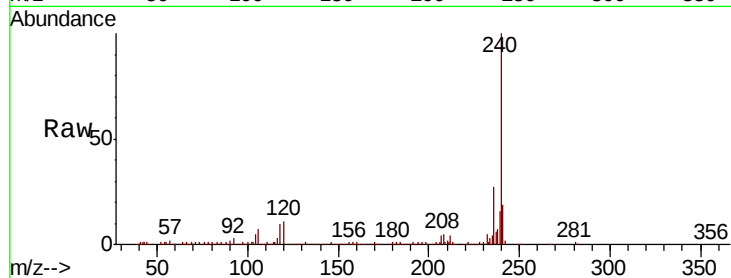




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

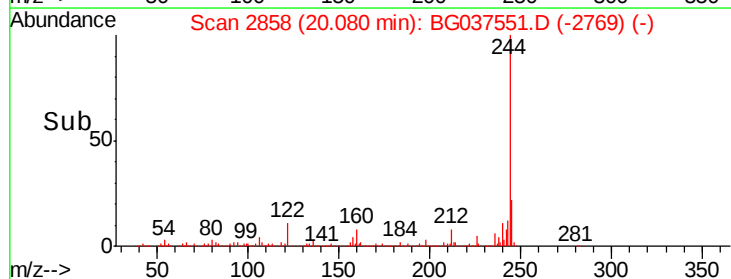
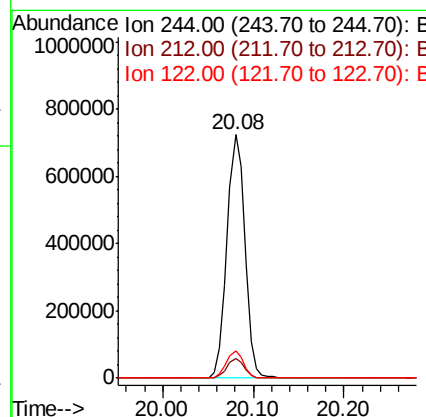
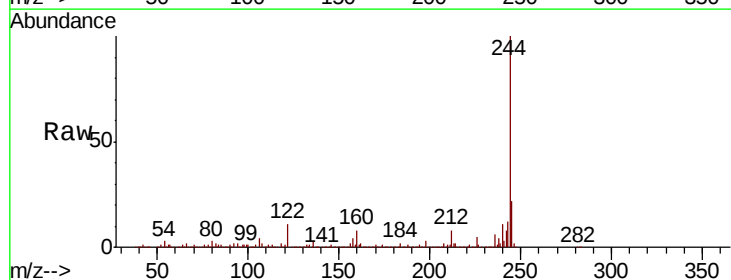
Instrument :
 BNA_G
 ClientSampleID :
 BS-SOIL-1

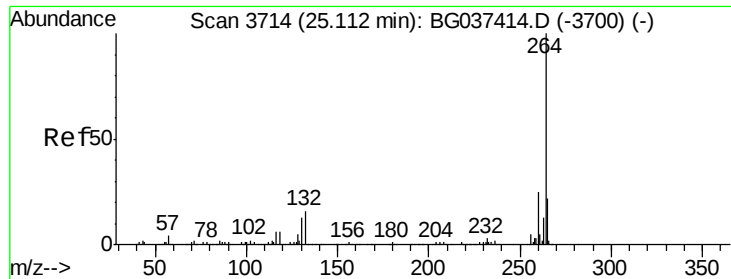
Tot Ion:240 Resp: 340517
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.8 21.4 32.0



#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

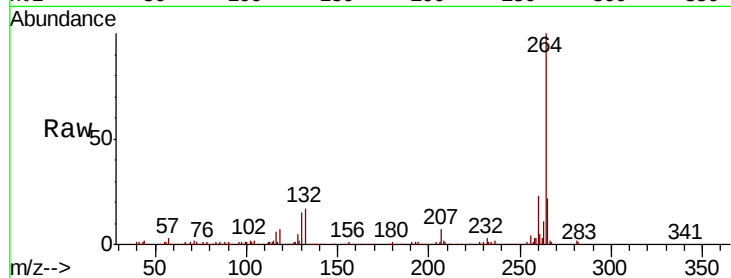




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

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

