

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037552.D
 Acq On : 25 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5639-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 26 08:23:40 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

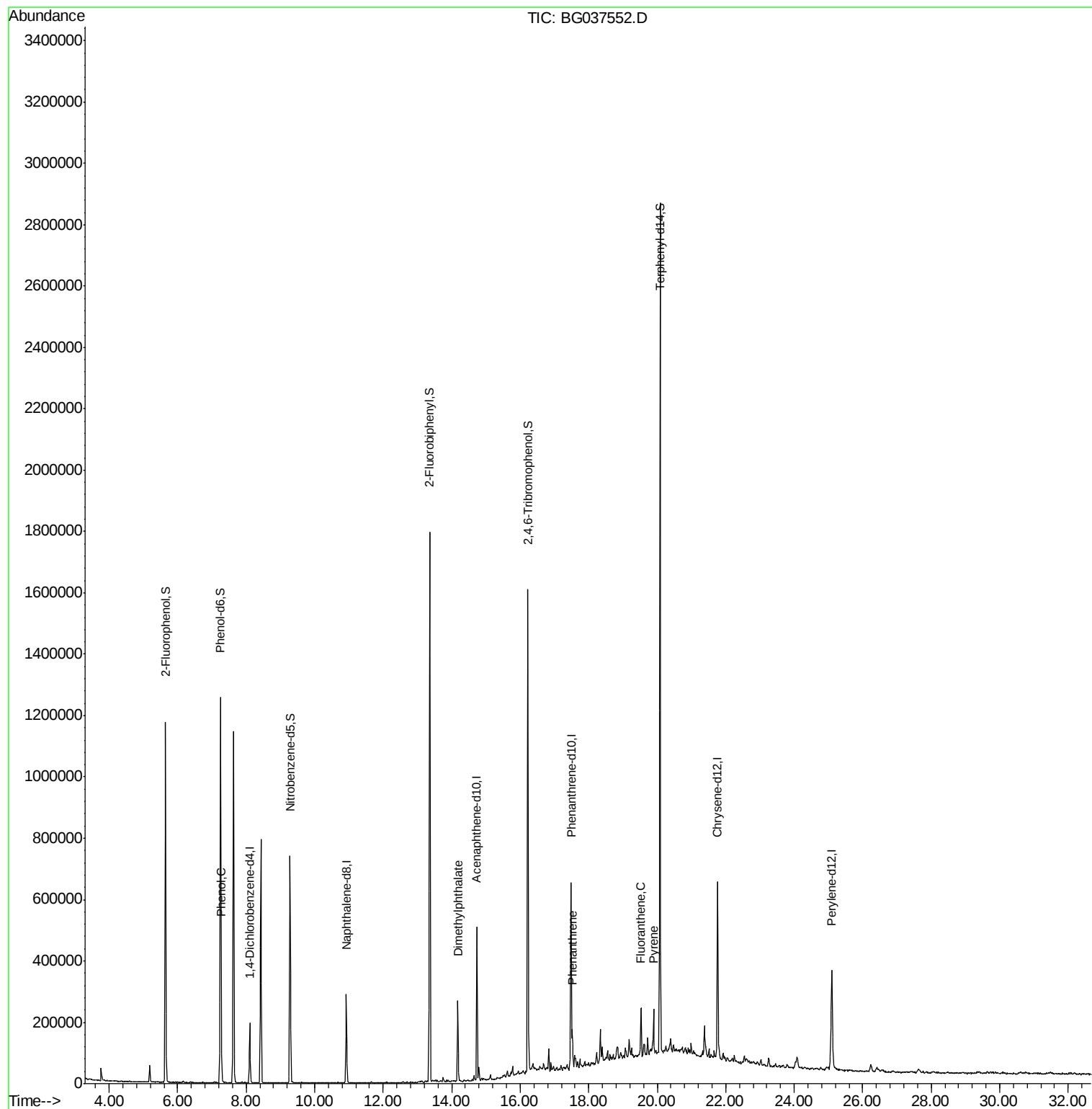
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56424	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	260611	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	174983	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	389159	20.00	ng	0.00
76) Chrysene-d12	21.76	240	351530	20.00	ng	-0.01
87) Perylene-d12	25.10	264	370588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	542593	160.77	ng	0.00
7) Phenol-d6	7.25	99	796272	156.03	ng	0.00
23) Nitrobenzene-d5	9.28	82	467829	100.56	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	286259	149.99	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	975012	84.02	ng	0.00
79) Terphenyl-d14	20.08	244	1290472	78.44	ng	0.00
Target Compounds						
10) Phenol	7.27	94	78626	14.602	ng	97
50) Dimethylphthalate	14.18	163	192041	14.186	ng	98
71) Phenanthrene	17.53	178	57883	2.927	ng	98
75) Fluoranthene	19.52	202	101486	4.524	ng	98
78) Pyrene	19.89	202	73781	3.211	ng	98

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

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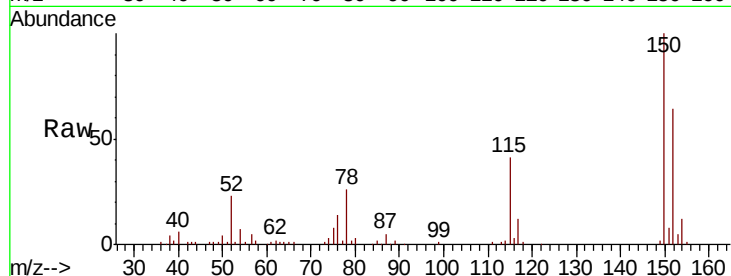


#1

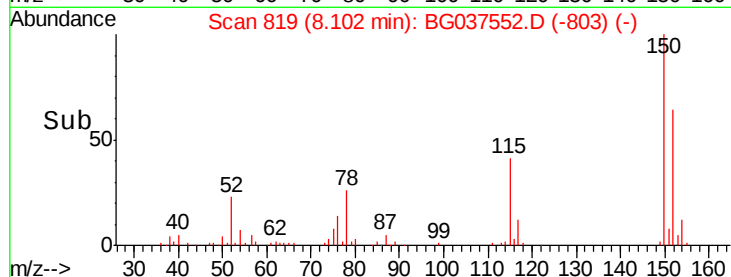
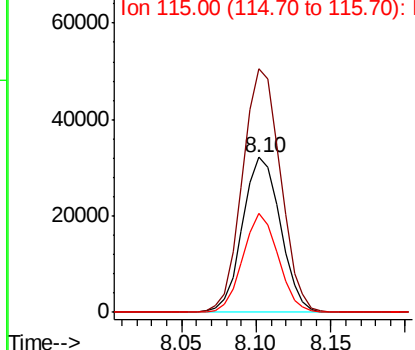
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037552.D
 Acq: 25 Oct 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Tot Ion:152 Resp: 56424
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 64.3 45.5 68.3



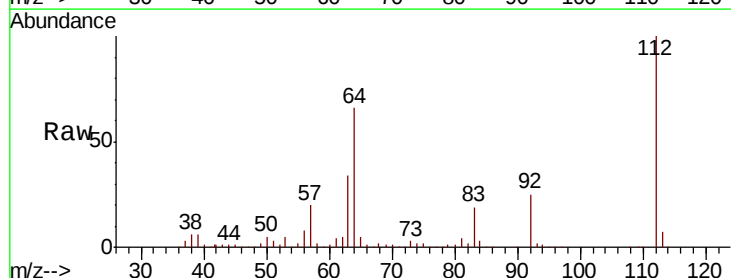
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



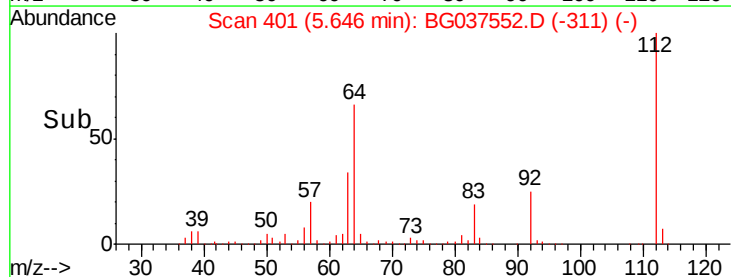
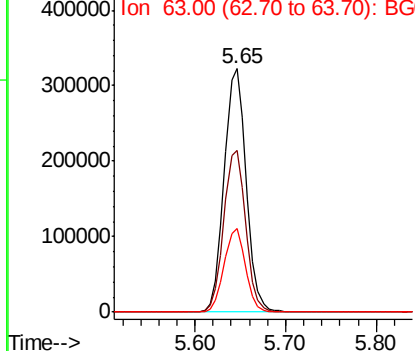
#5

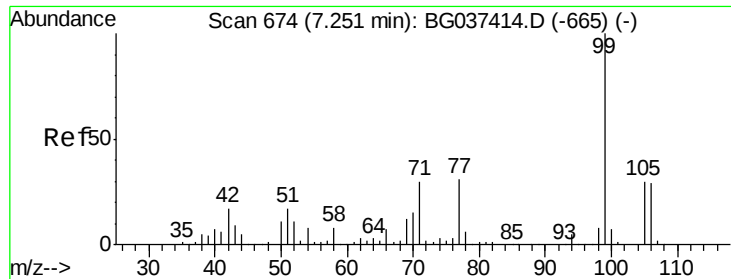
2-Fluorophenol
 Concen: 160.771 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037552.D
 Acq: 25 Oct 2018 19:37

Tgt Ion:112 Resp: 542593
 Ion Ratio Lower Upper
 112 100
 64 66.3 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: 156.030 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037552.D

Acq: 25 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleID :

BS-SOIL-2

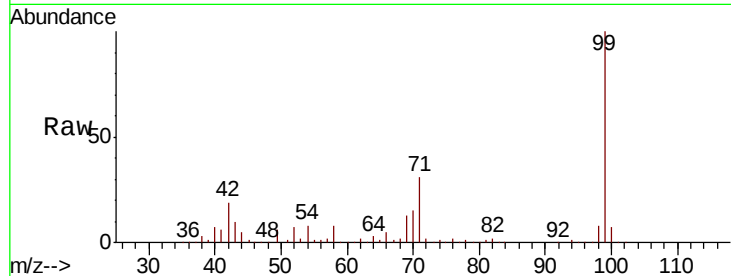
Tot Ion: 99 Resp: 796272

Ion Ratio Lower Upper

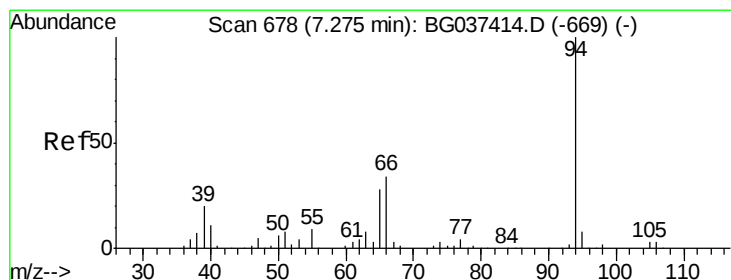
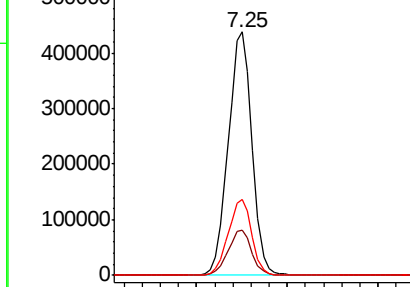
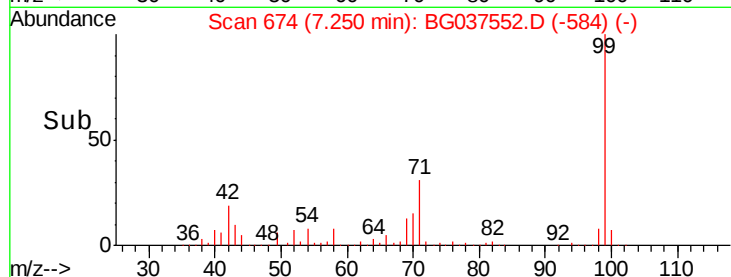
99 100

42 18.6 15.0 22.4

71 31.4 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: 14.602 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037552.D

Acq: 25 Oct 2018 19:37

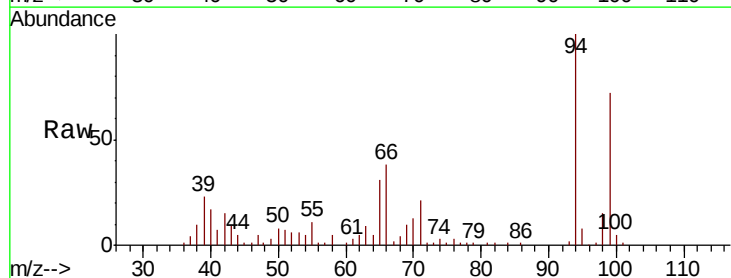
Tgt Ion: 94 Resp: 78626

Ion Ratio Lower Upper

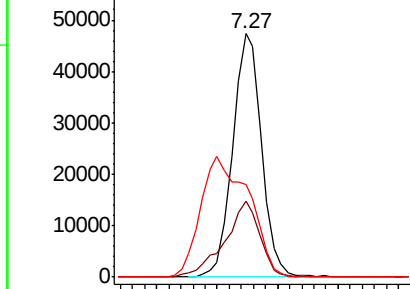
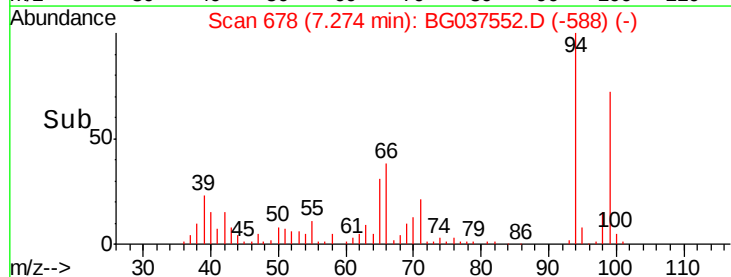
94 100

65 31.2 9.7 49.7

66 38.1 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

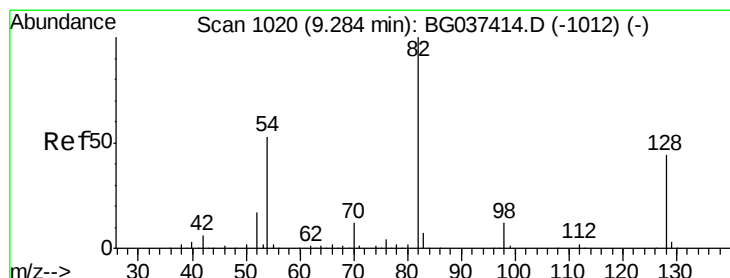
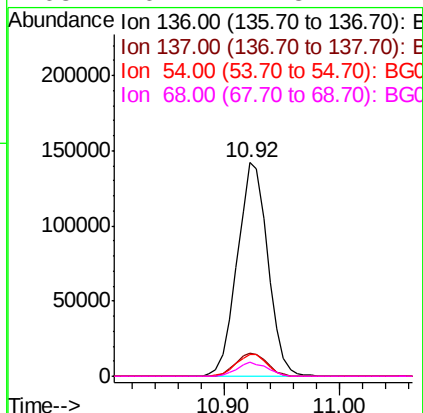
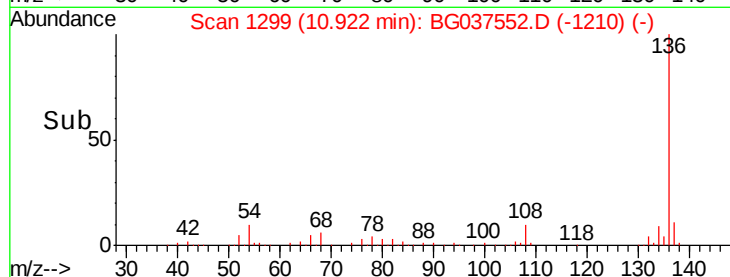
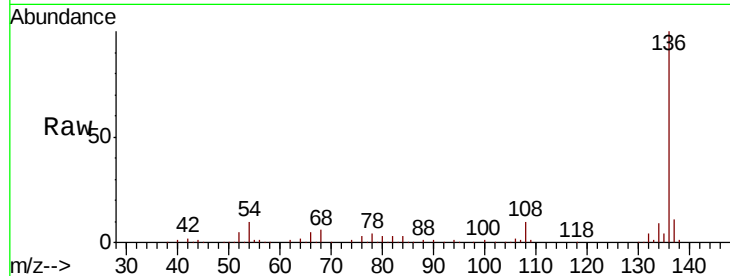




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

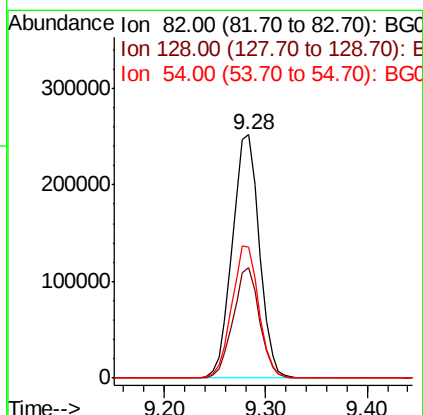
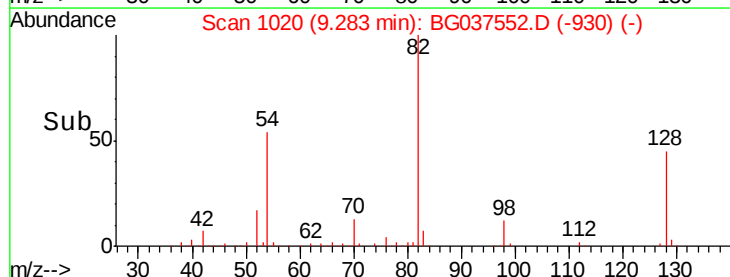
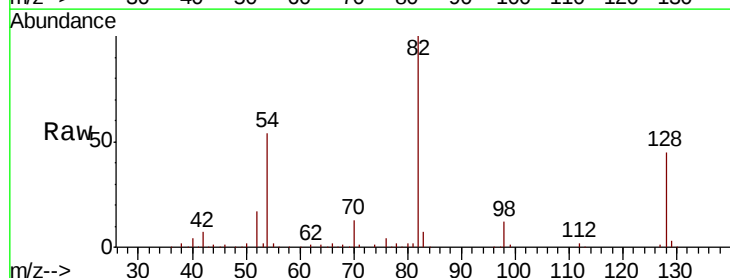
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Tot Ion:136	Resp:	260611
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.6 14.4
54	10.4	7.9 11.9
68	6.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 100.561 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion: 82	Resp:	467829
Ion	Ratio	Lower Upper
82	100	
128	45.2	34.6 51.8
54	54.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037552.D

Acq: 25 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

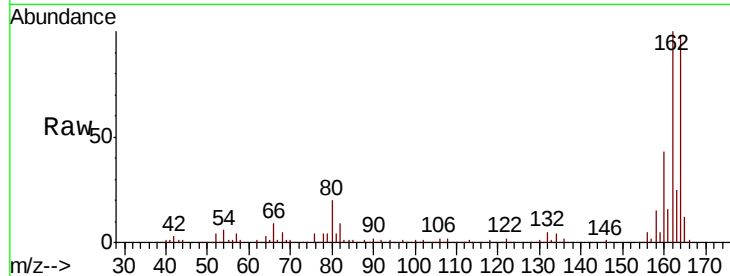
Tot Ion:164 Resp: 174983

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

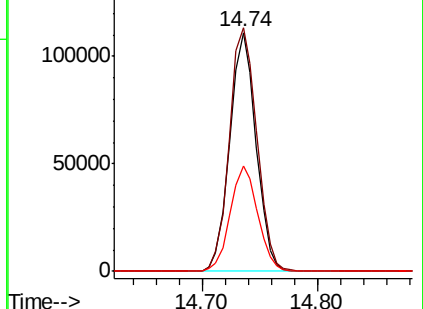
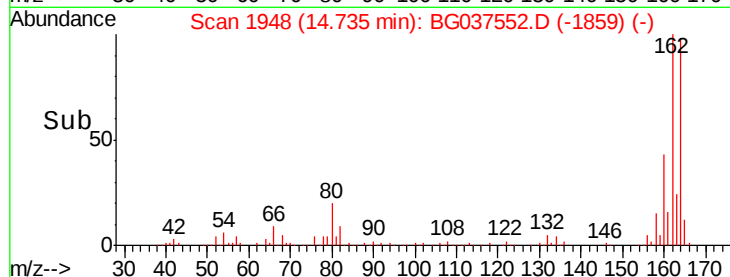
160 44.0 36.3 54.5



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: 149.990 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037552.D

Acq: 25 Oct 2018 19:37

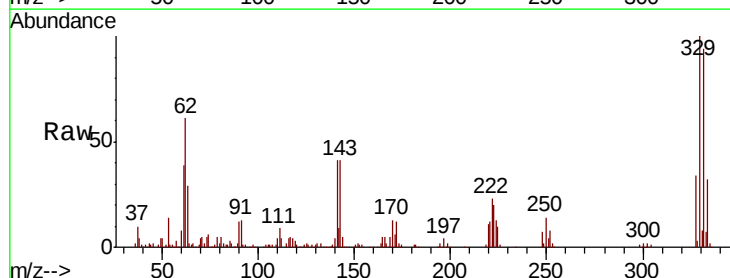
Tgt Ion:330 Resp: 286259

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

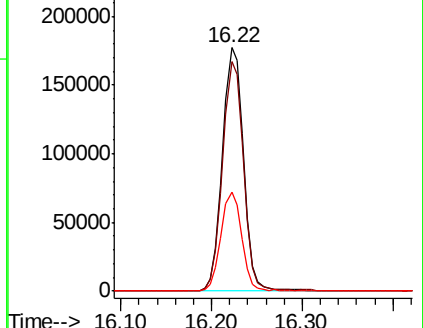
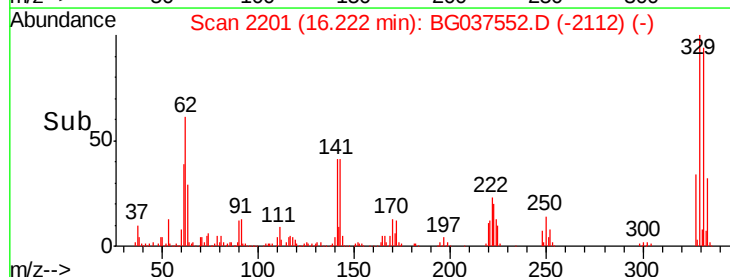
141 40.3 32.2 48.2



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

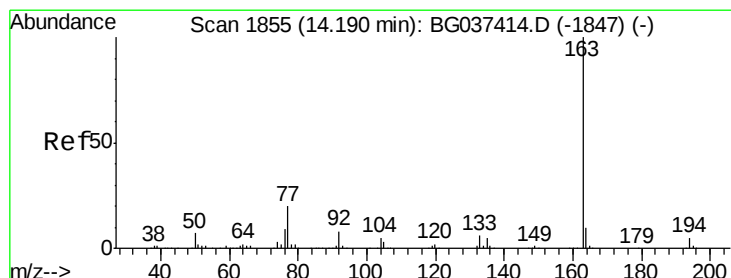
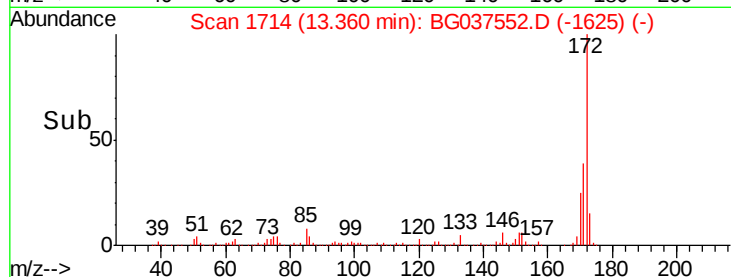
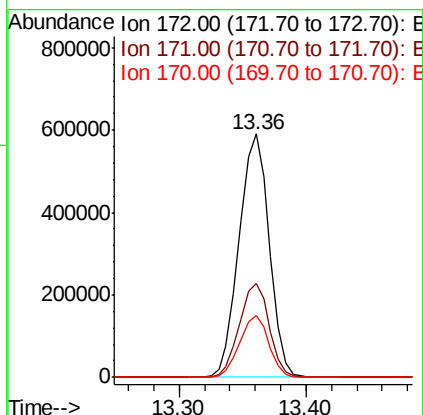
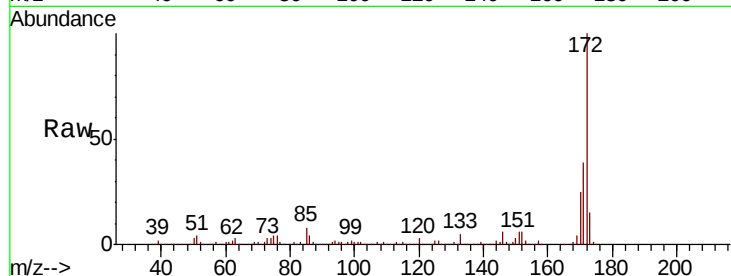




#45
2-Fluorobiphenyl
Concen: 84.023 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

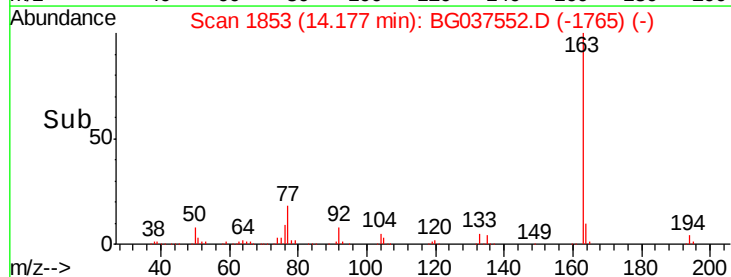
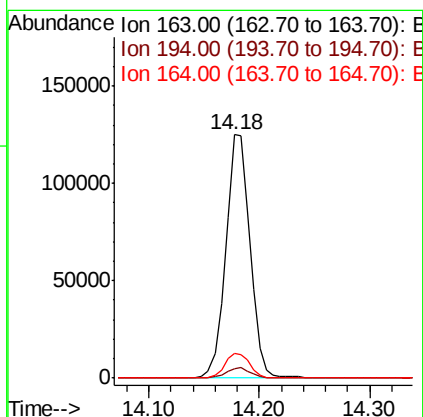
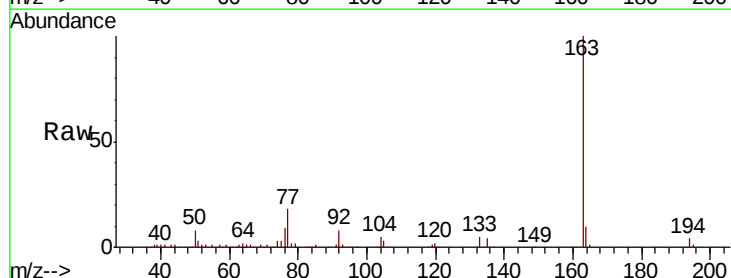
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

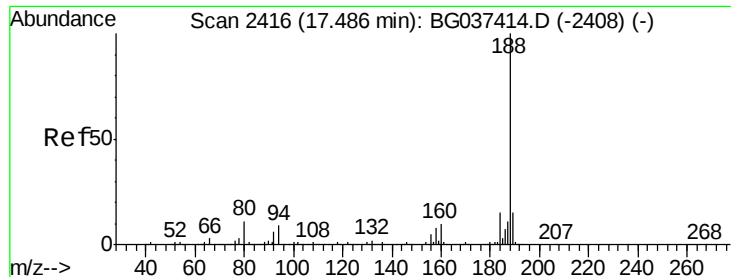
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.4	20.2	30.2



#50
Dimethylphthalate
Concen: 14.186 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.1	8.5	12.7

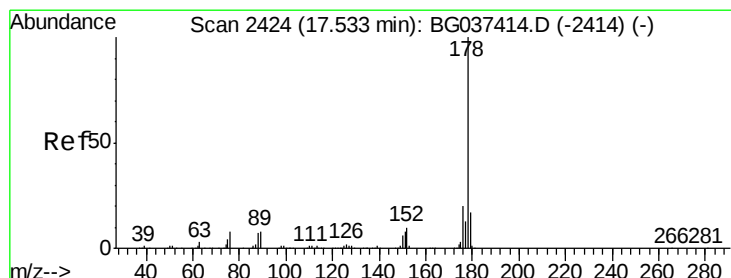
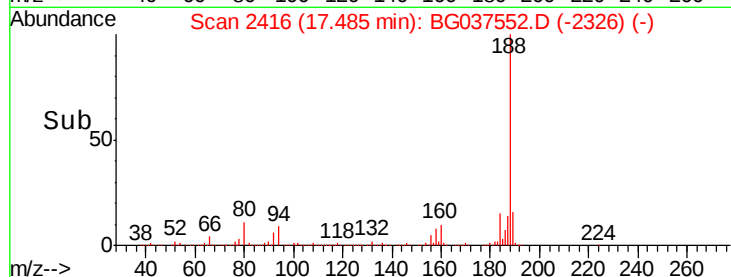
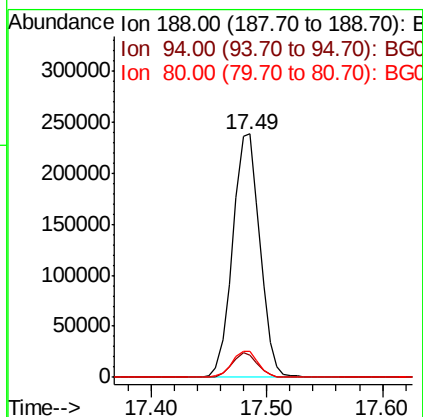
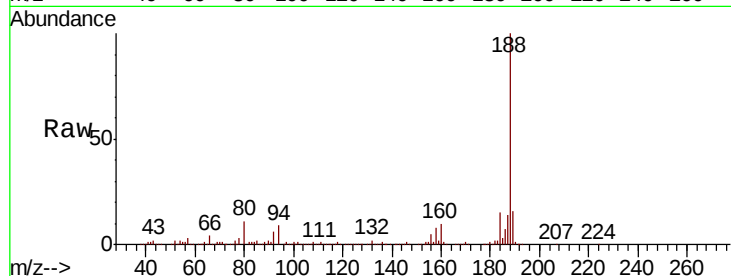




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

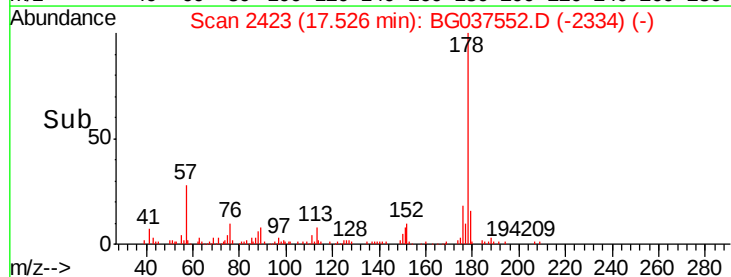
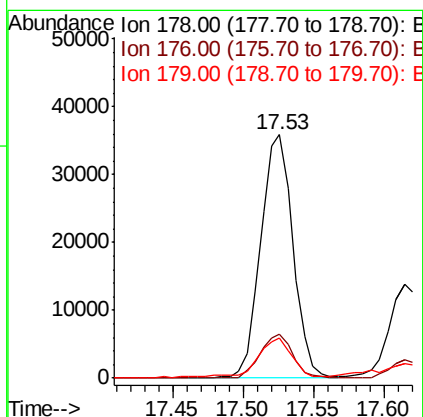
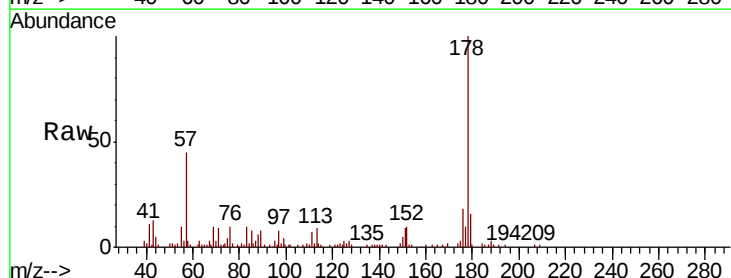
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

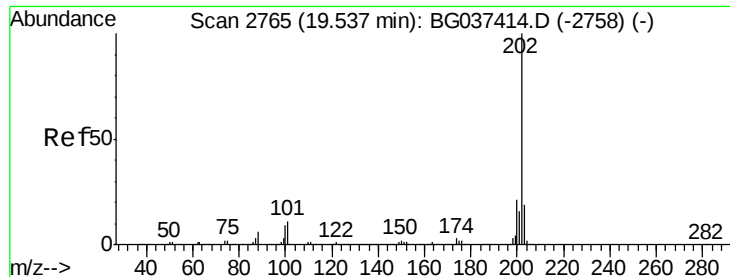
Tot Ion:188 Resp: 389159
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 7.7 11.5



#71
Phenanthrene
Concen: 2.927 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:178 Resp: 57883
Ion Ratio Lower Upper
178 100
176 18.3 16.1 24.1
179 16.3 13.0 19.4





#75

Fluoranthene

Concen: 4.524 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037552.D

Acq: 25 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

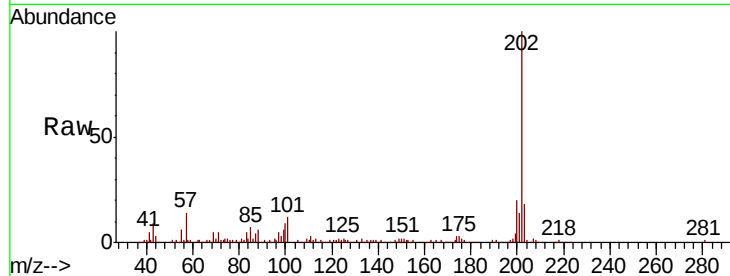
Tot Ion:202 Resp: 101486

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.7

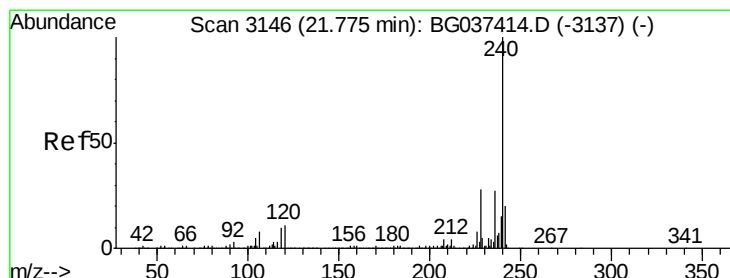
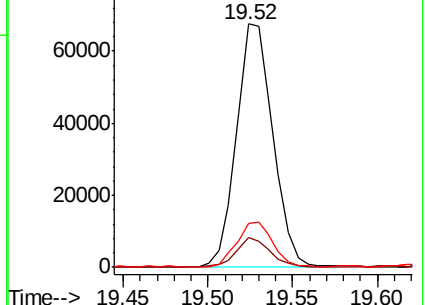
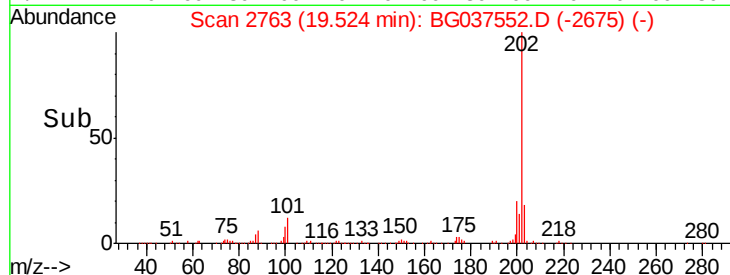
203 18.2 0.0 38.5



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: BG037552.D

Acq: 25 Oct 2018 19:37

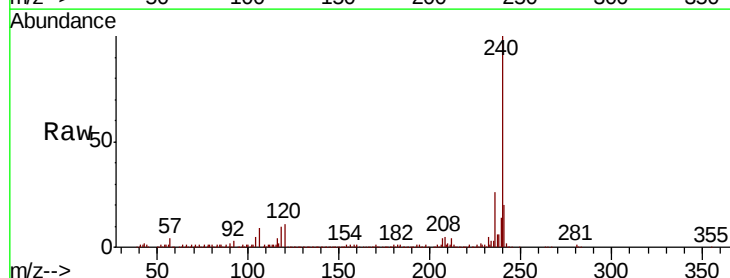
Tgt Ion:240 Resp: 351530

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

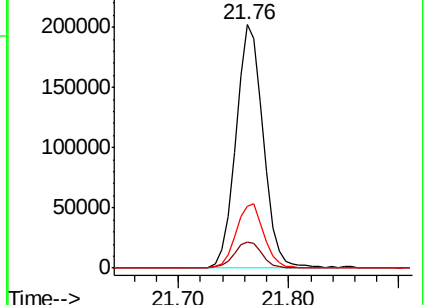
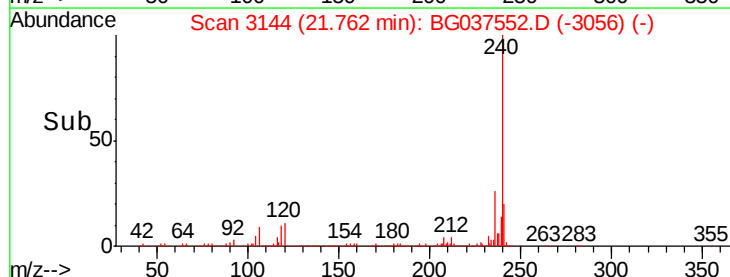
236 25.7 21.4 32.0

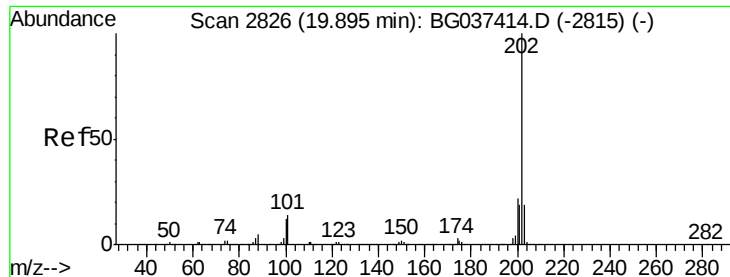


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

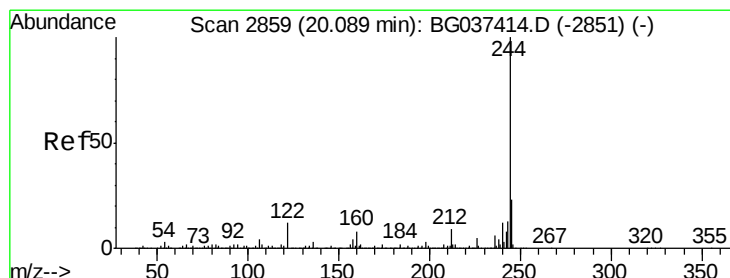
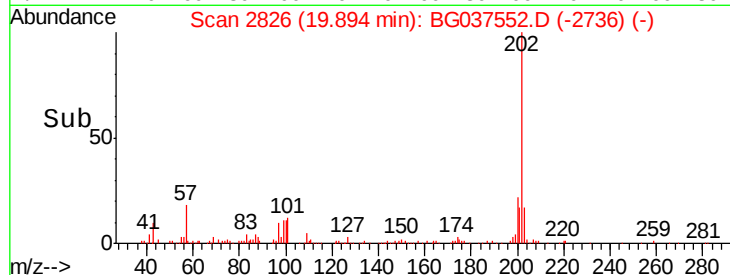
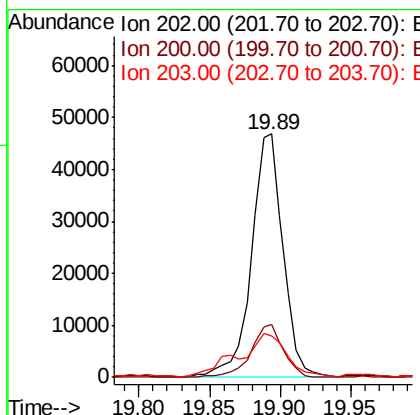
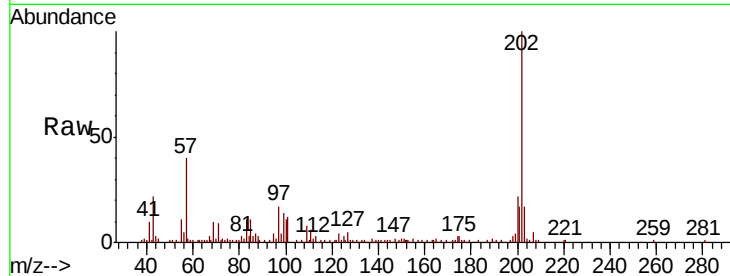




#78
Pvrene
Concen: 3.211 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

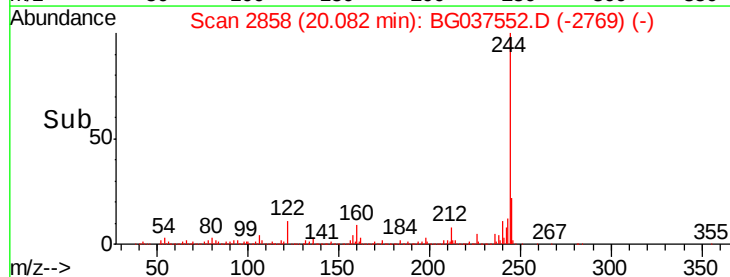
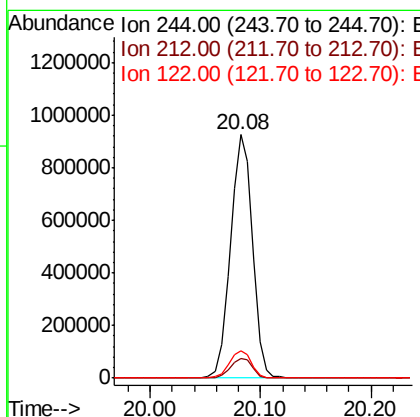
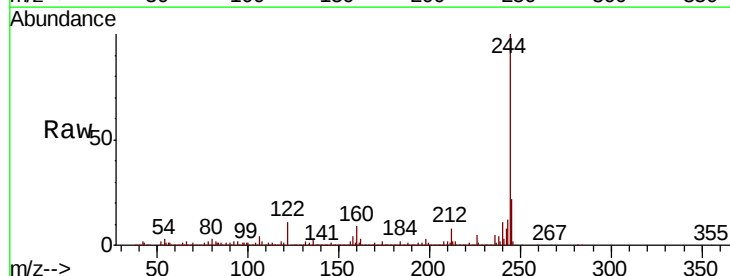
Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

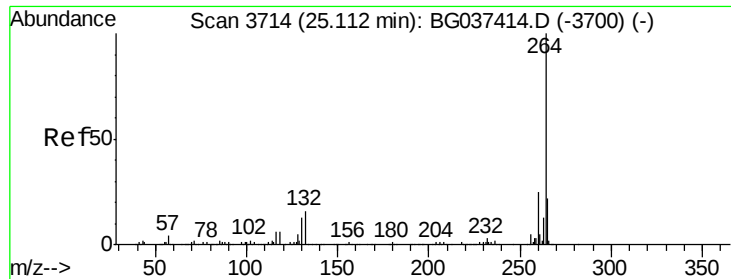
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.2	15.2	22.8



#79
Terphenyl-d14
Concen: 78.441 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.4	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.9	17.9	26.9

