

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038750.D
 Acq On : 20 Dec 2018 6:17
 Operator : JU/SJ
 Sample : J6453-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-SOIL

Quant Time: Dec 20 07:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

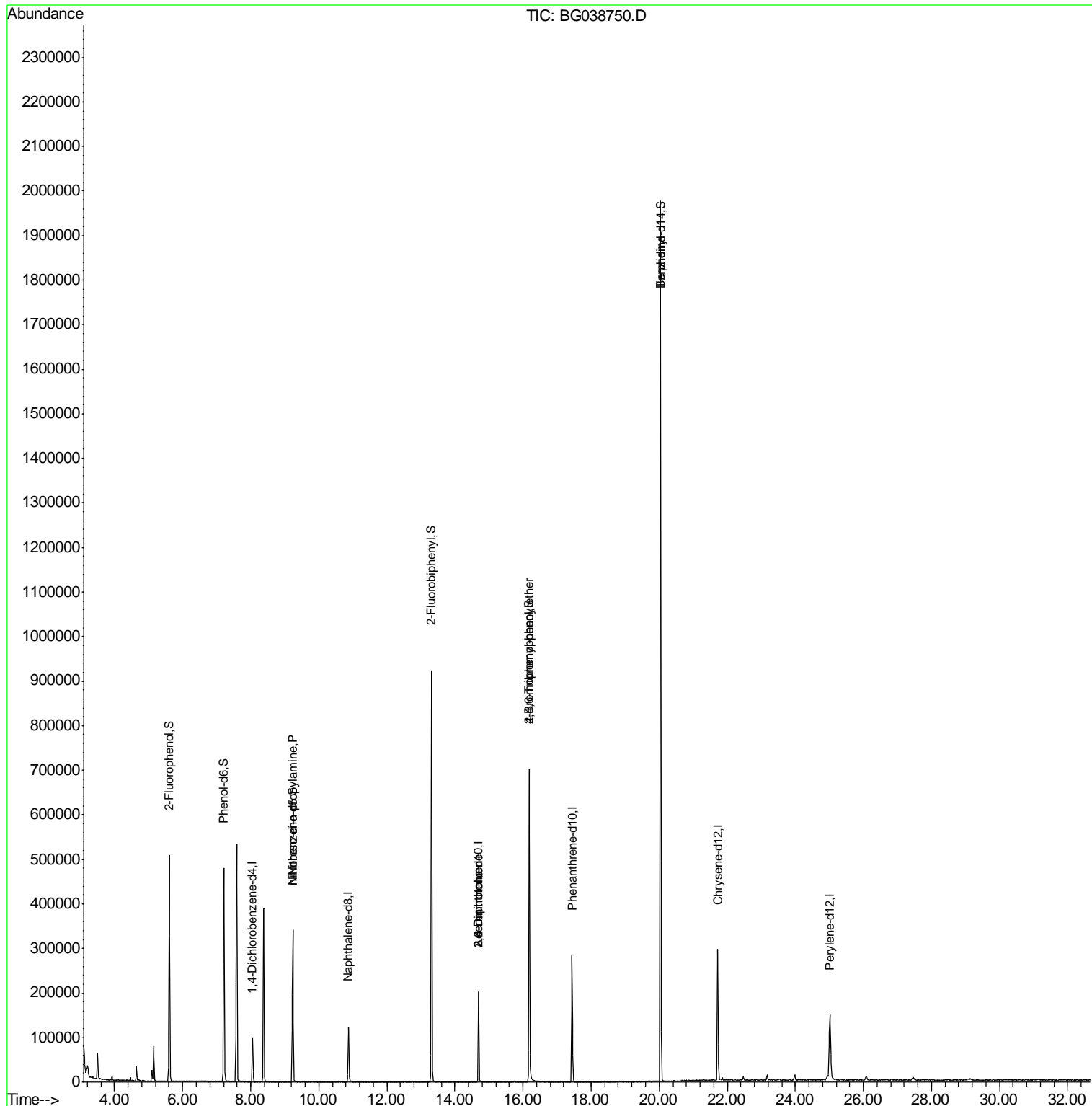
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28480	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	111951	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	74246	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190848	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198661	20.00	ng	0.00
87) Perylene-d12	25.01	264	209241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	214549	133.61	ng	0.00
7) Phenol-d6	7.21	99	263547	119.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	201692	92.04	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	151655	148.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	500013	92.39	ng	0.00
79) Terphenyl-d14	20.04	244	971572	106.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	27718	17.903	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	9616	6.998	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9616	4.969	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9914	4.253	ng	# 1
77) Benzidine	20.04	184	16986	2.891	ng	97

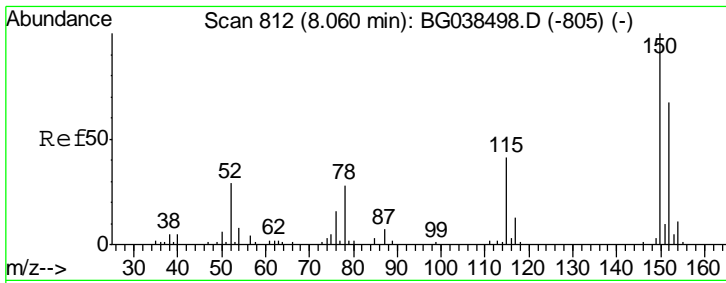
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc :
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 BNA_G
 ClientSampled :
 SS-SOIL

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

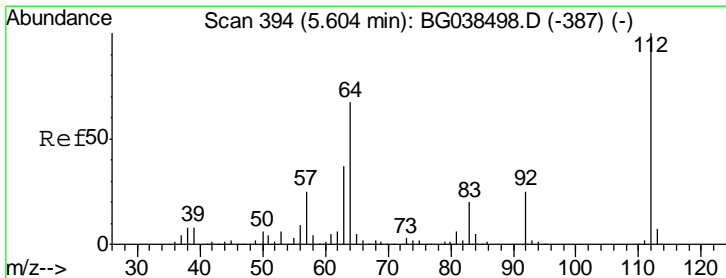
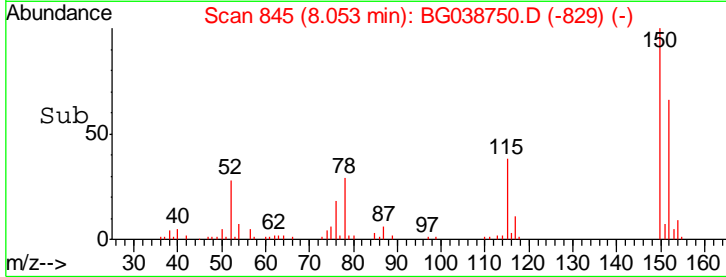
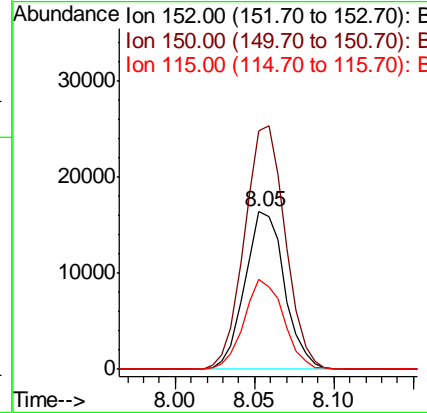
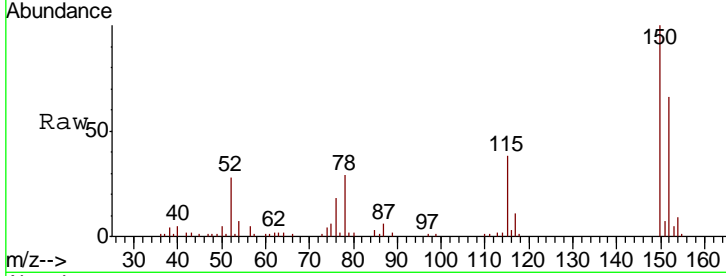




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

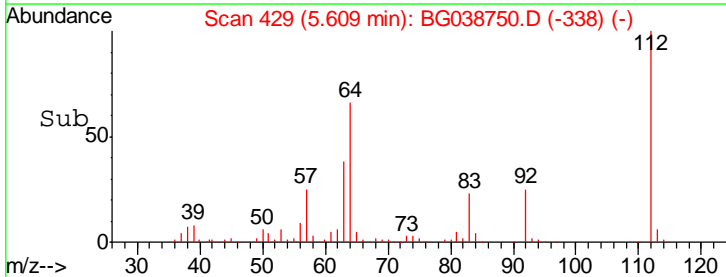
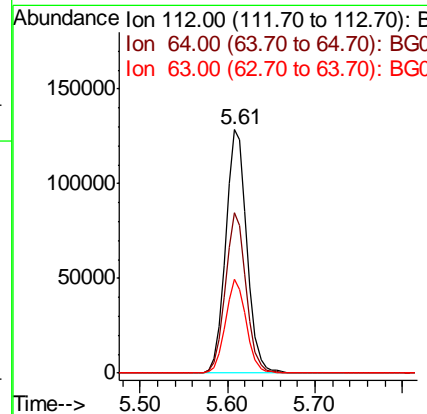
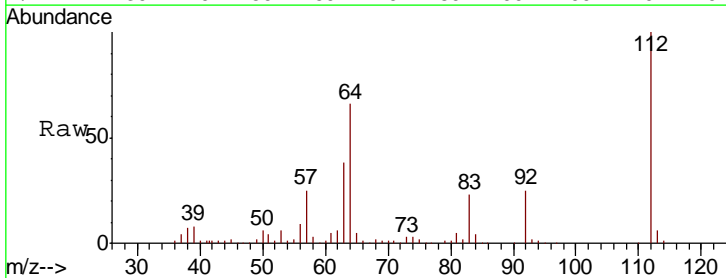
Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

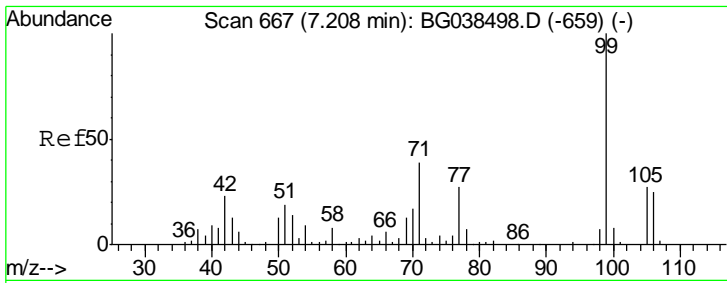
Tgt Ion	Resp	Lower	Upper
152	28480		
150	151.1	119.5	179.3
115	57.2	49.6	74.4



#5
 2-Fluorophenol
 Concen: 133.615 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
112	214549		
64	65.9	53.4	80.2
63	38.4	29.3	43.9

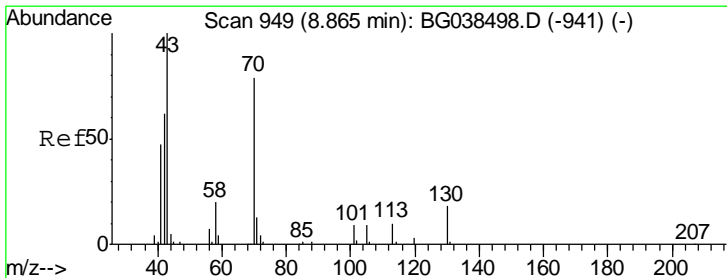
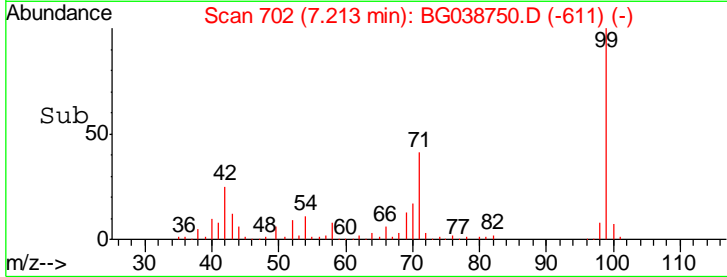
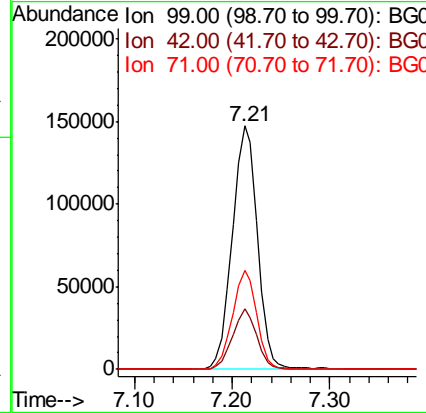
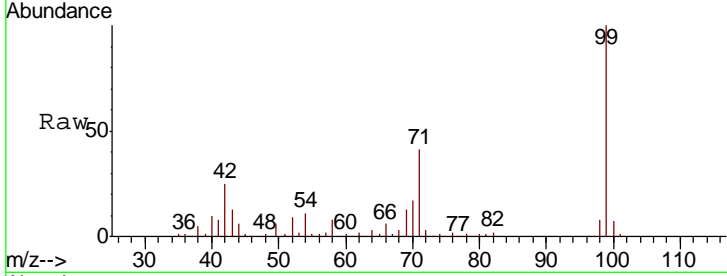




#7
 Phenol-d6
 Concen: 119.558 ng
 RT: 7.21 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

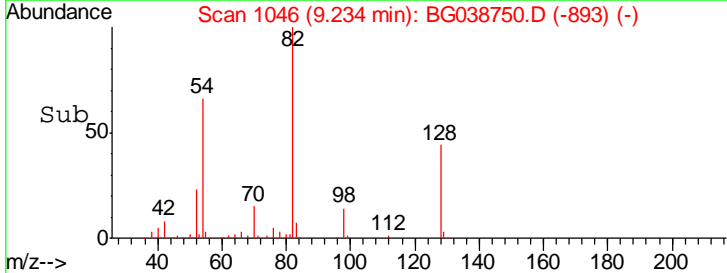
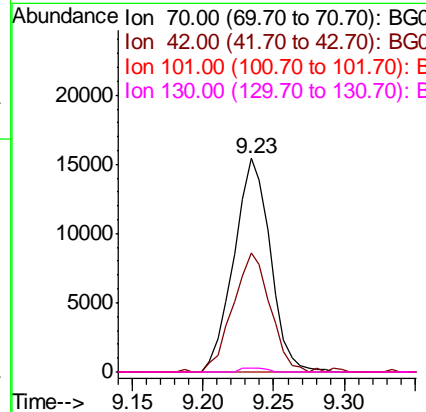
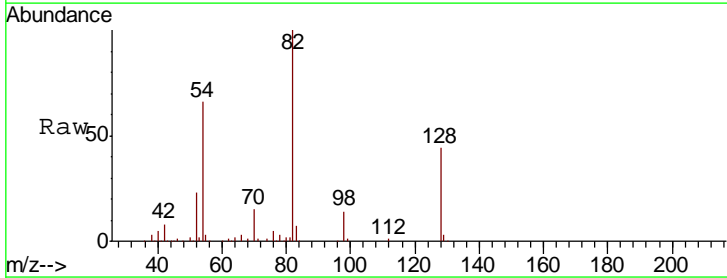
Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

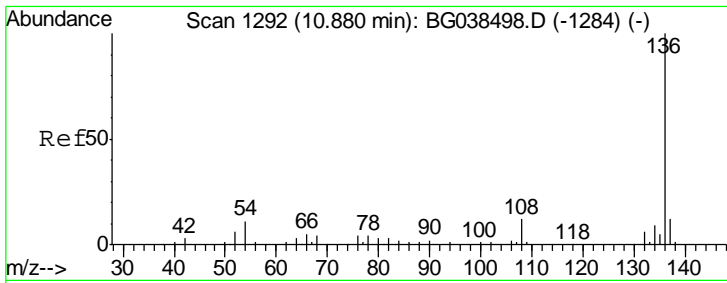
Tgt Ion	Resp	Lower	Upper
99	263547		
42	25.1	18.5	27.7
71	40.6	31.1	46.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.903 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.37 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
70	27718		
42	55.6	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#



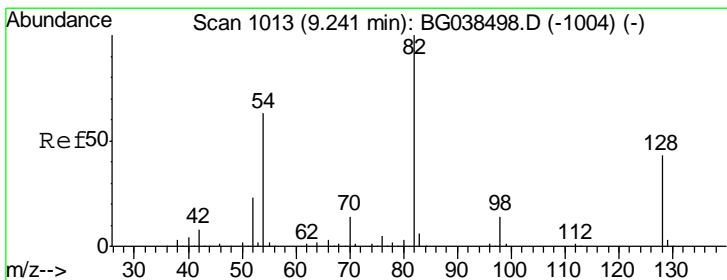
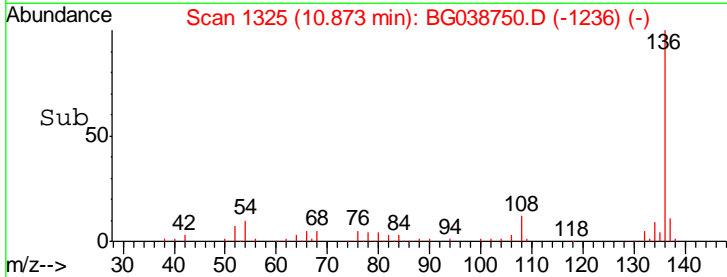
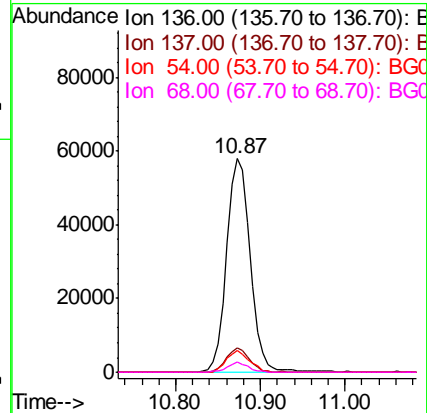
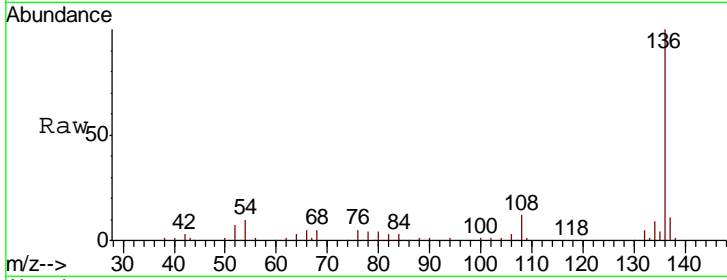


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.87 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

Tgt Ion: 136 Resp: 111951

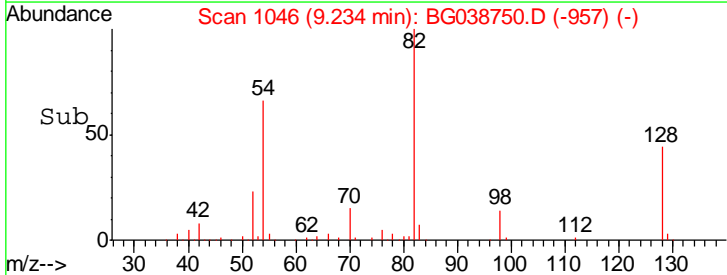
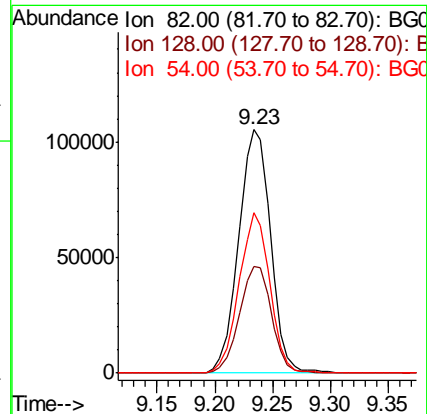
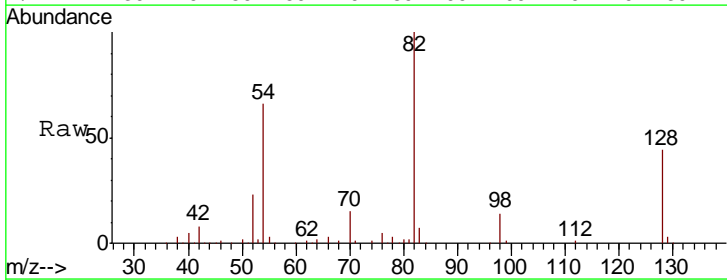
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	10.2	8.5	12.7
68	4.6	3.5	5.3

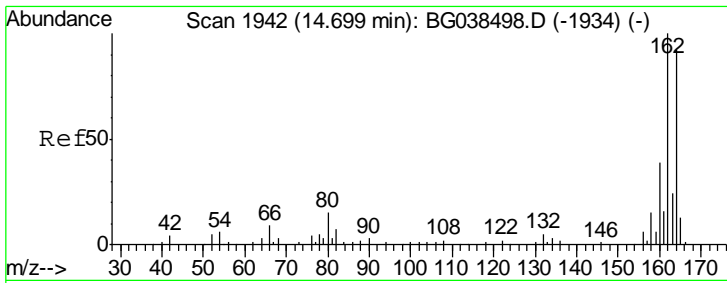


#23
 Nitrobenzene-d5
 Concen: 92.039 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion: 82 Resp: 201692

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	66.1	50.6	76.0

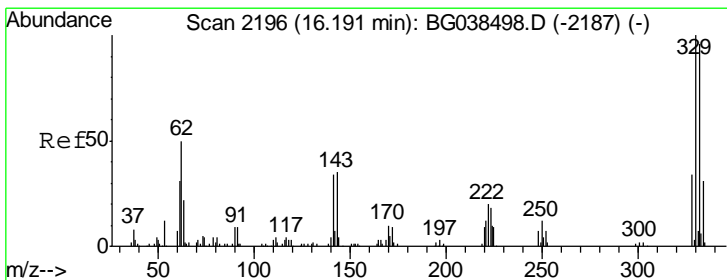
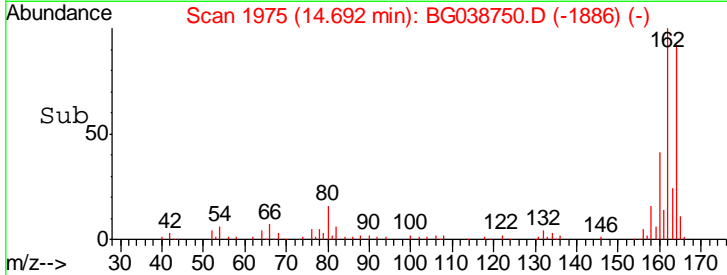
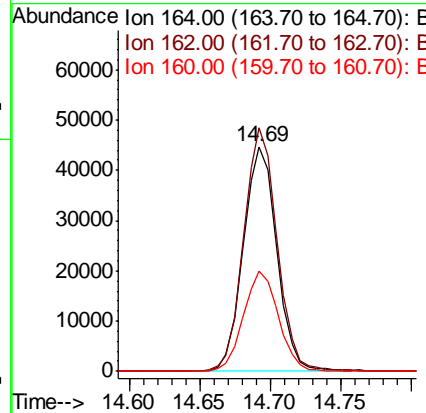
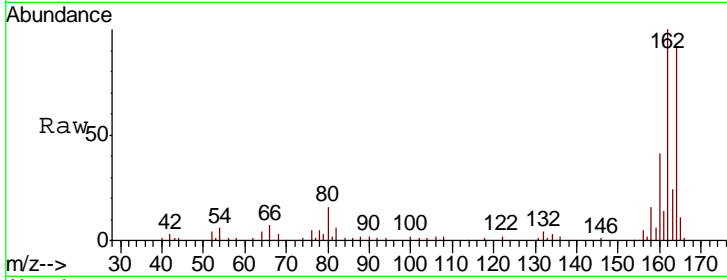




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

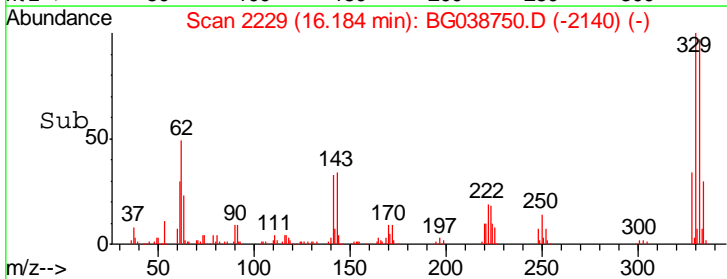
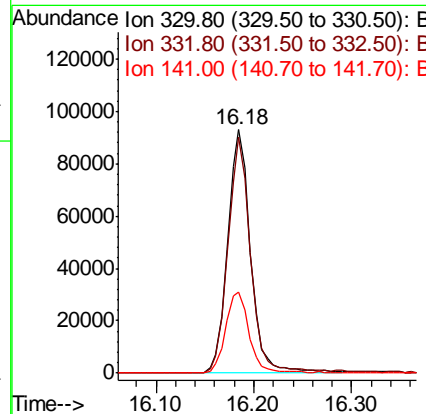
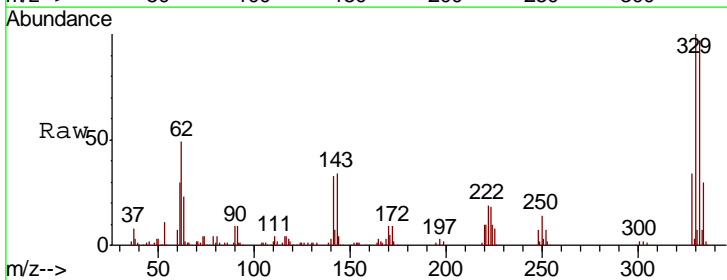
Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

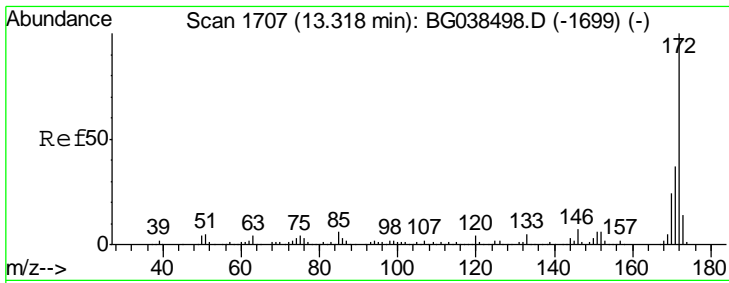
Tgt Ion	Resp	Lower	Upper
164	100		
162	108.3	86.6	130.0
160	44.5	34.2	51.2



#42
 2,4,6-Tribromophenol
 Concen: 148.210 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	34.3	28.8	43.2

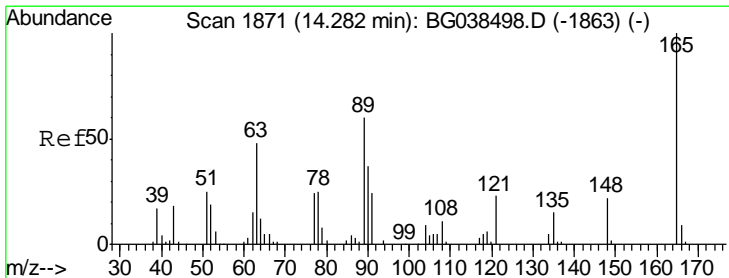
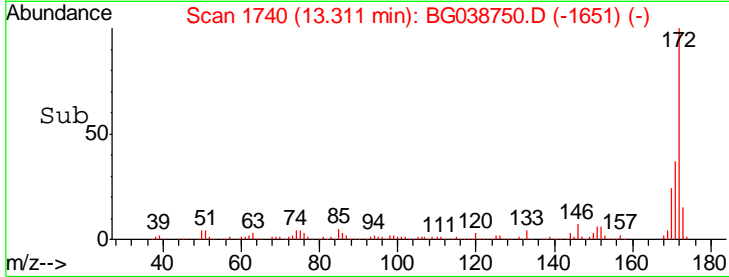
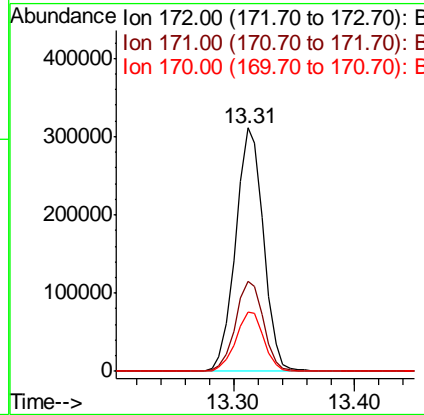
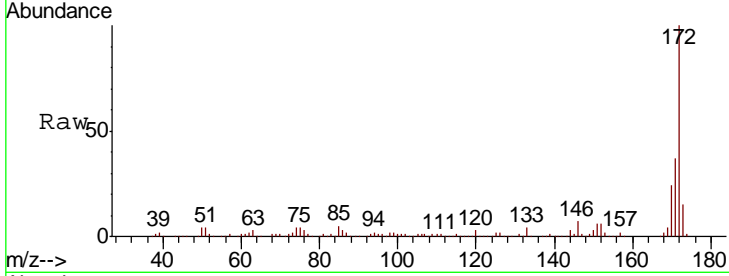




#45
 2-Fluorobiphenyl
 Concen: 92.388 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

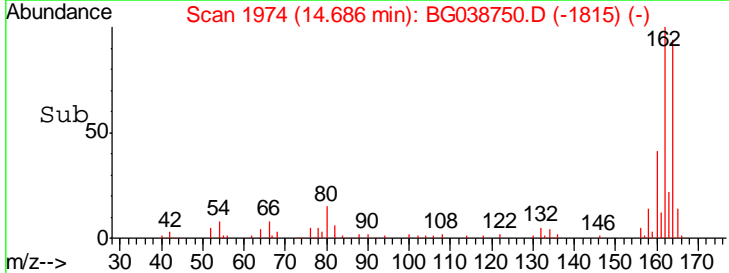
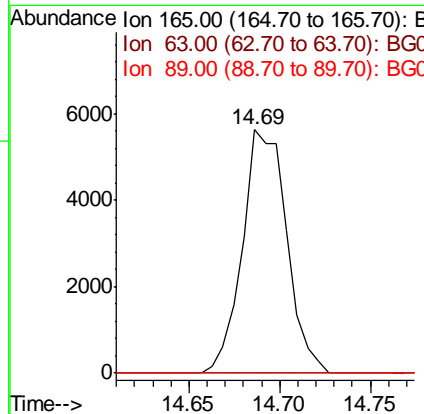
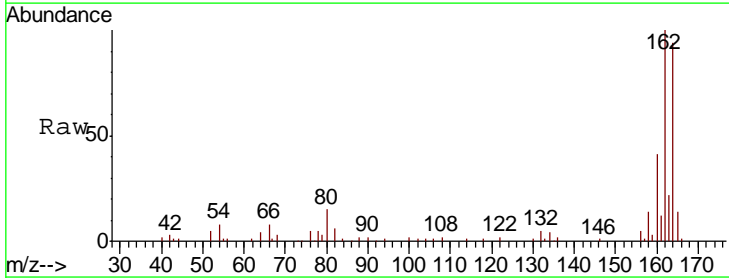
Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

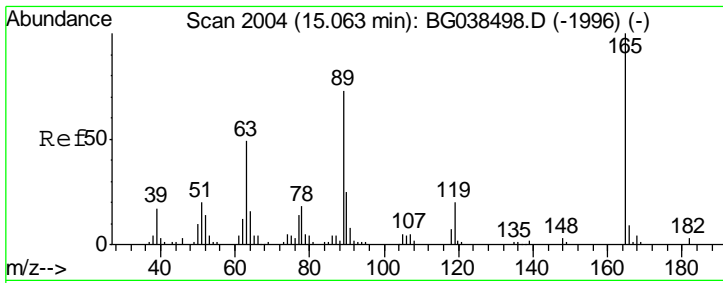
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.4	19.5	29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.998 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

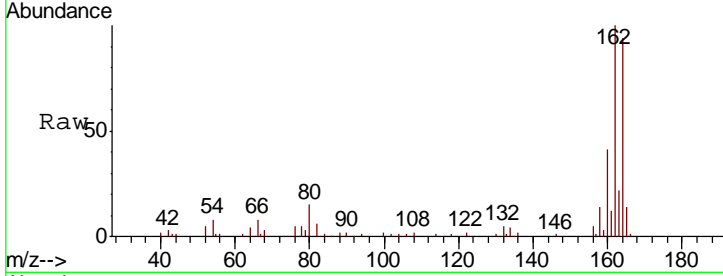




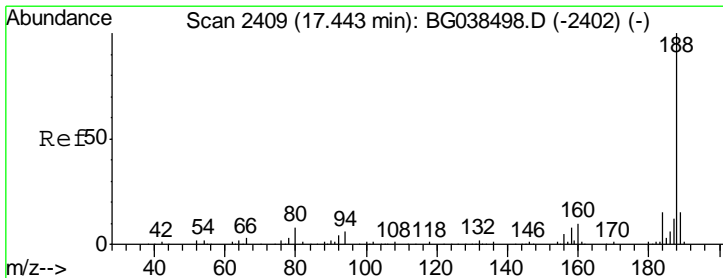
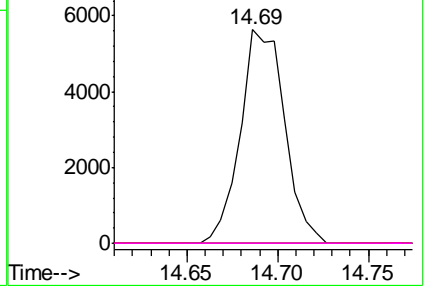
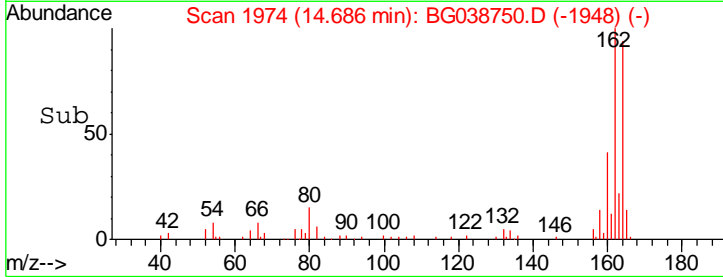
#57
 2,4-Dinitrotoluene
 Concen: 4.969 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

Tgt Ion	Resp	Lower	Upper
165	9616		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

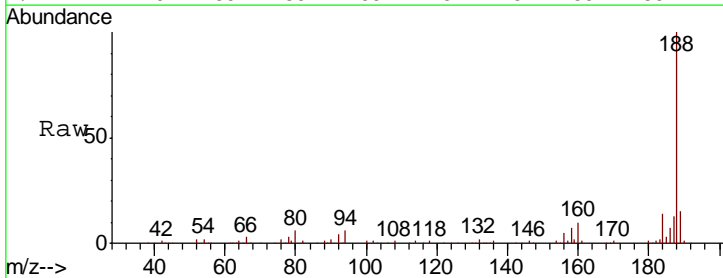


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

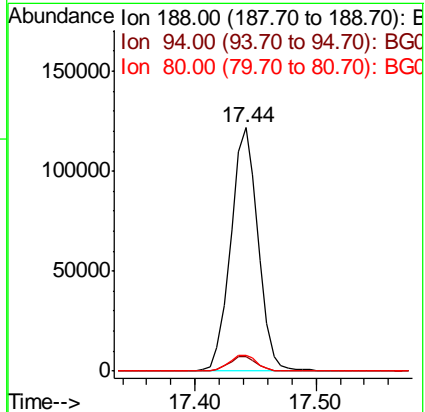
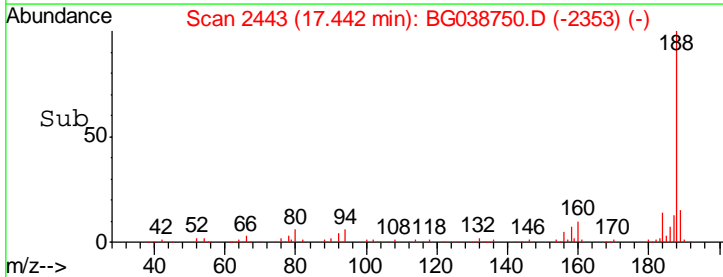


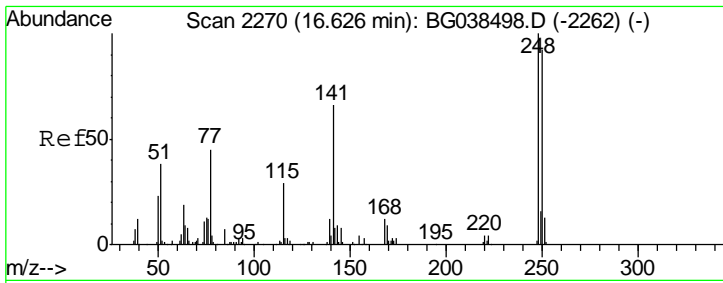
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
188	190848		
94	6.2	5.1	7.7
80	6.3	6.1	9.1



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

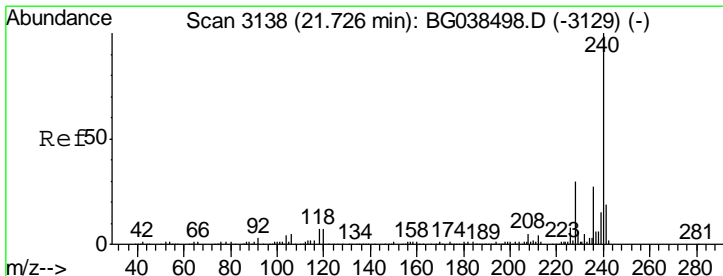
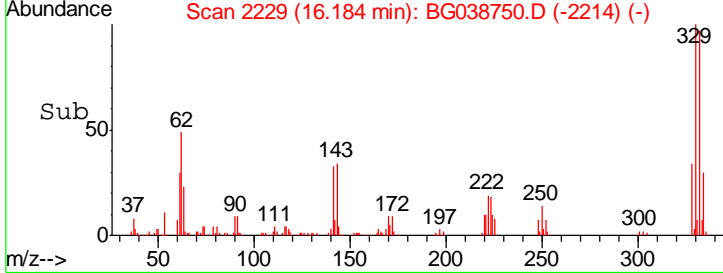
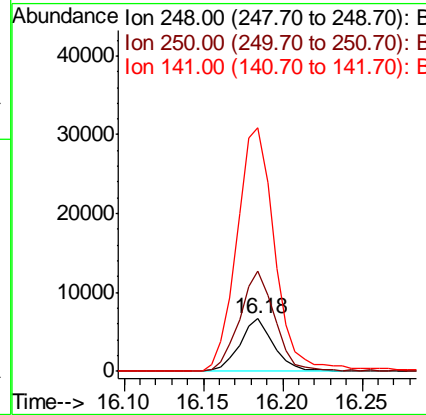
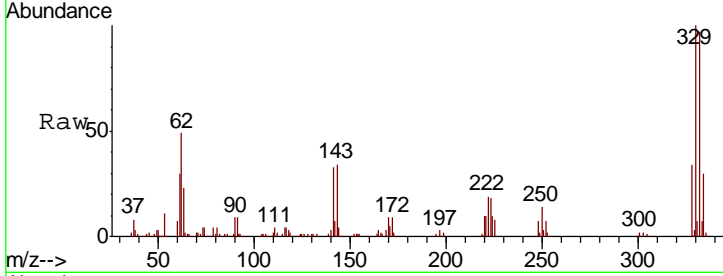




#67
 4-Bromophenyl-phenylether
 Concen: 4.253 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

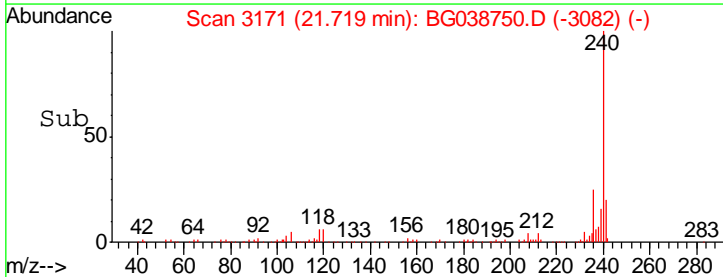
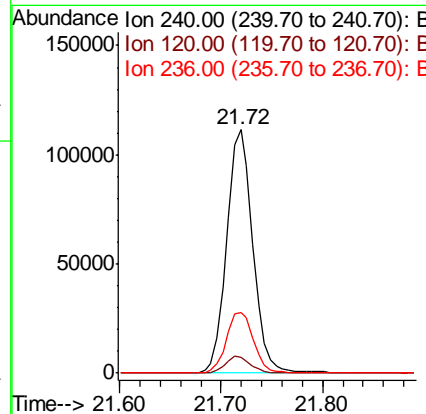
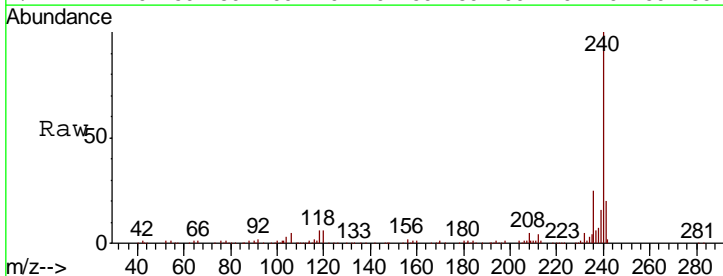
Instrument :
 BNA_G
 ClientSampled :
 SS-SOIL

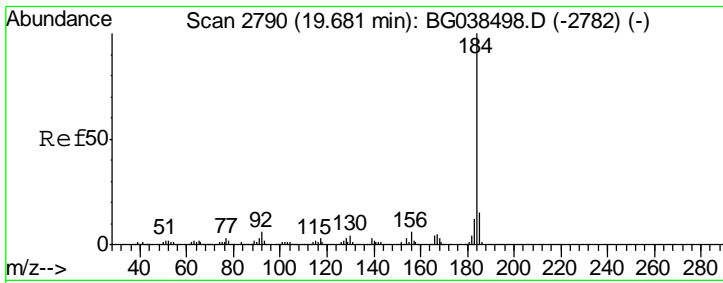
Tgt Ion	Resp	Lower	Upper
248	100		
250	189.2	73.4	110.2#
141	371.4	52.9	79.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	25.0	21.4	32.2

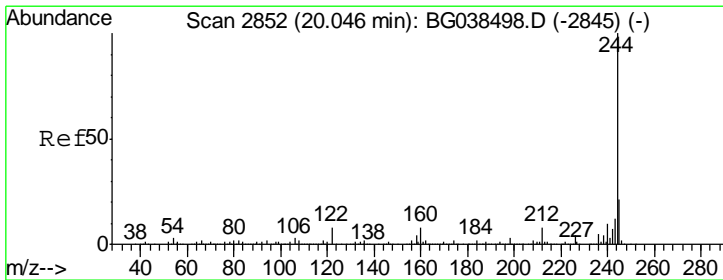
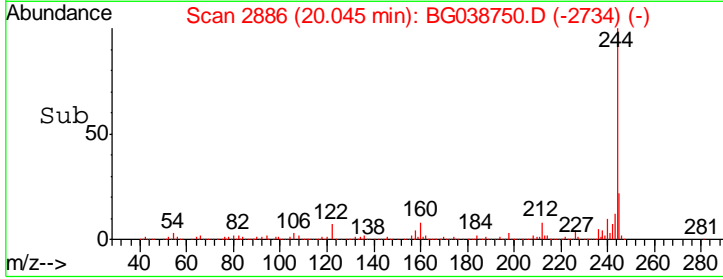
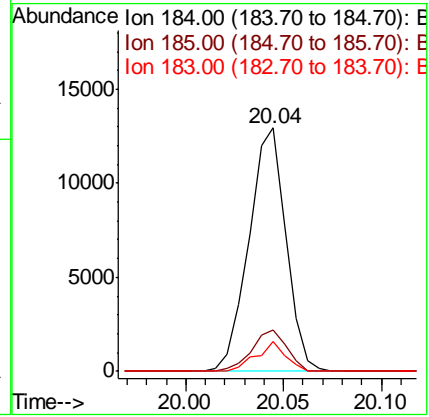
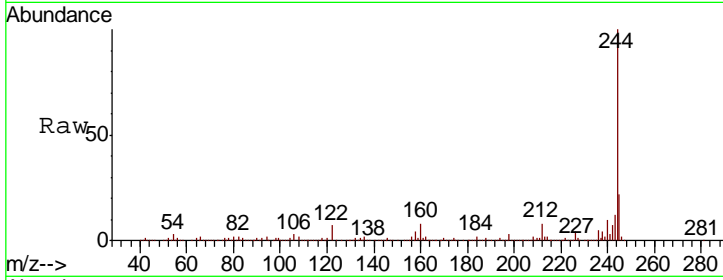




#77
 Benzidine
 Concen: 2.891 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. 0.36 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

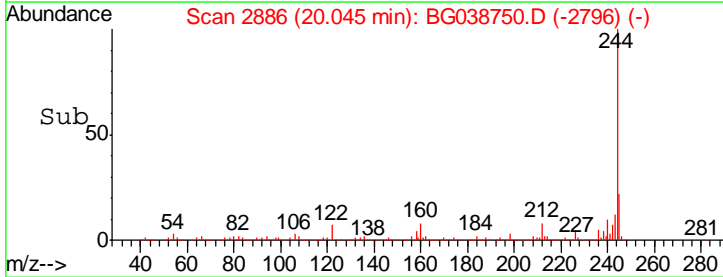
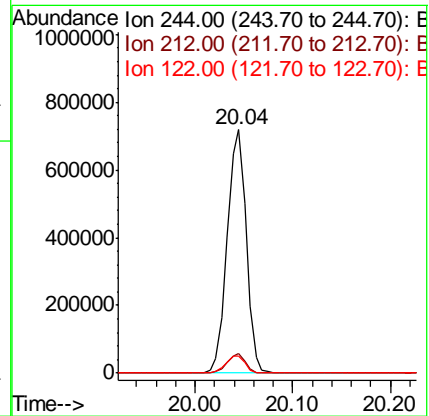
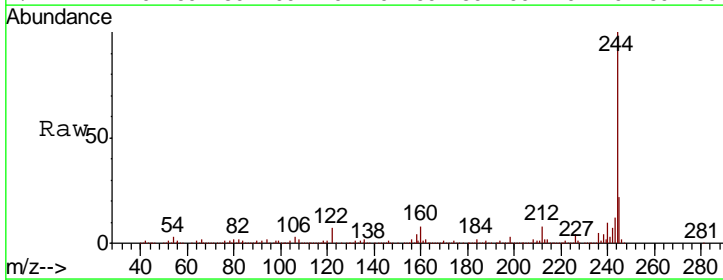
Instrument :
 BNA_G
ClientSampled :
 SS-SOIL

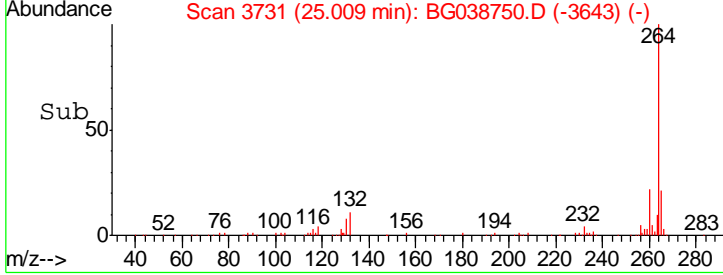
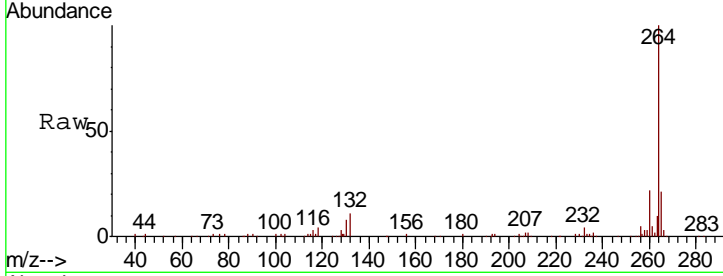
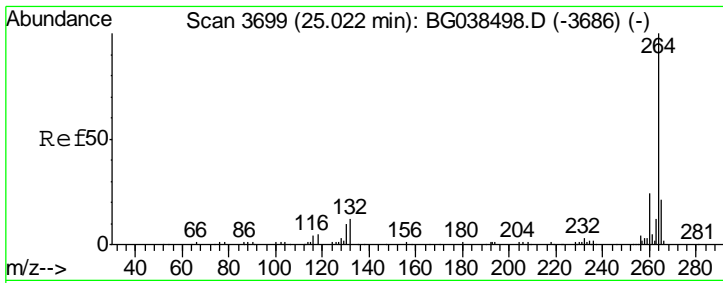
Tgt Ion	Resp	Lower	Upper
184	16986		
185	16.8	12.2	18.2
183	12.4	9.6	14.4



#79
 Terphenyl-d14
 Concen: 106.436 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Tgt Ion	Resp	Lower	Upper
244	971572		
212	8.1	6.2	9.2
122	7.1	6.3	9.5





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038750.D
 Acq: 20 Dec 2018 6:17

Instrument :
 BNA_G
ClientSampleId :
 SS-SOIL

Tgt Ion: 264 Resp: 209241

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	21.5	17.0	25.4

