

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035488.D
 Acq On : 28 Jun 2018 21:34
 Operator : JU/SJ
 Sample : J3734-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL

Quant Time: Jun 29 02:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

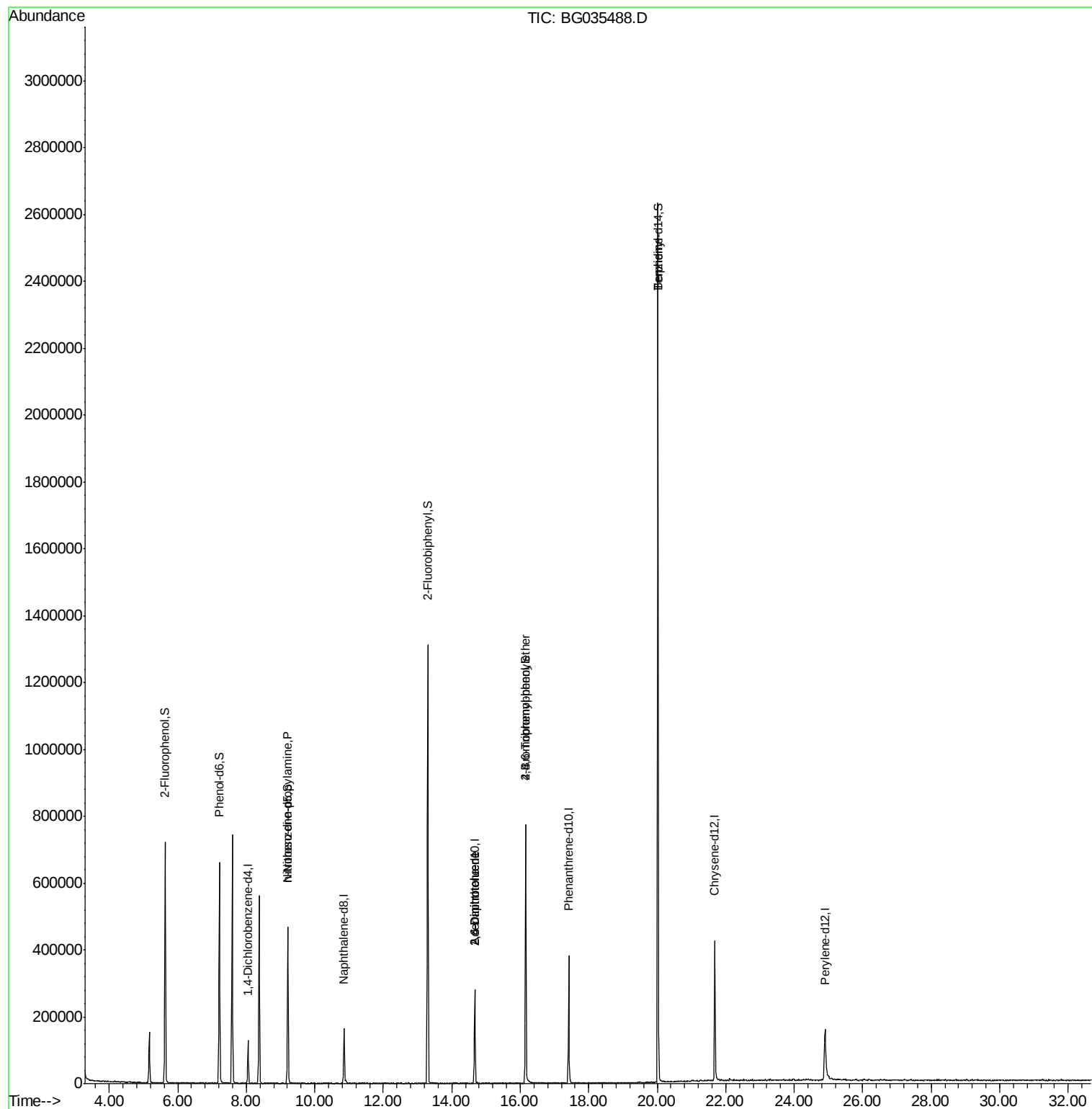
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36435	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	136014	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	96013	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	245971	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	273440	20.00	ng	-0.04
86) Perylene-d12	24.90	264	225136	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	306022	141.74	ng	-0.01
7) Phenol-d6	7.21	99	410229	128.74	ng	-0.01
23) Nitrobenzene-d5	9.21	82	319686	111.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	147129	119.71	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	710636	96.22	ng	-0.03
78) Terphenyl-d14	20.02	244	1341204	102.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44137	16.304	ng	# 65
50) 2,6-Dinitrotoluene	14.67	165	13572	8.885	ng	# 19
56) 2,4-Dinitrotoluene	14.67	165	13572	6.689	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	11294	3.813	ng	# 1
76) Benzidine	20.02	184	20780	2.043	ng	# 83

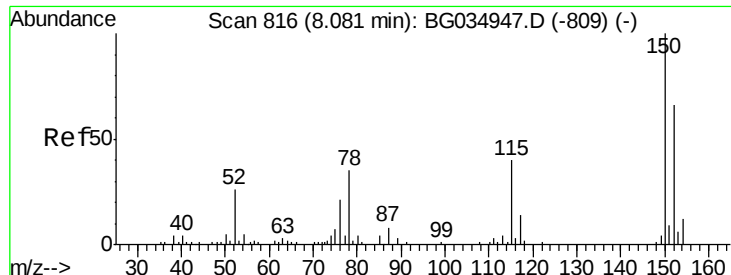
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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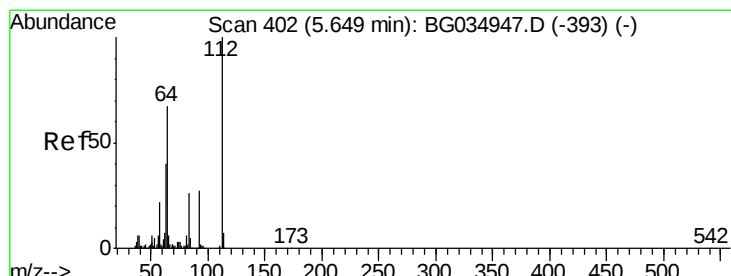
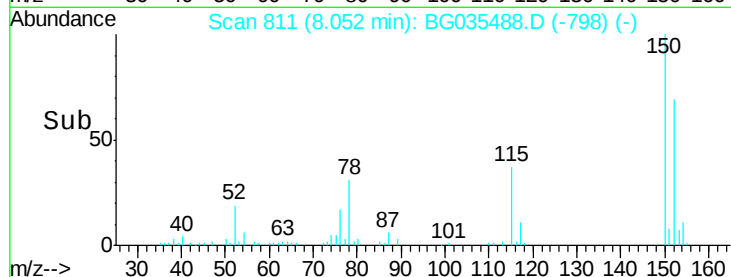
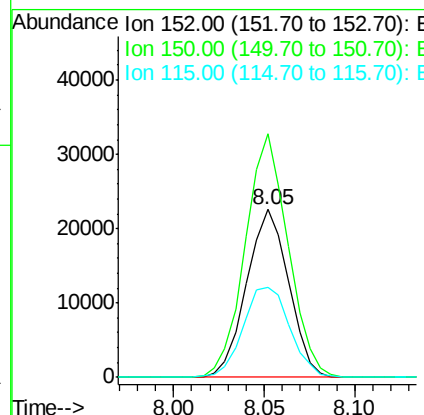
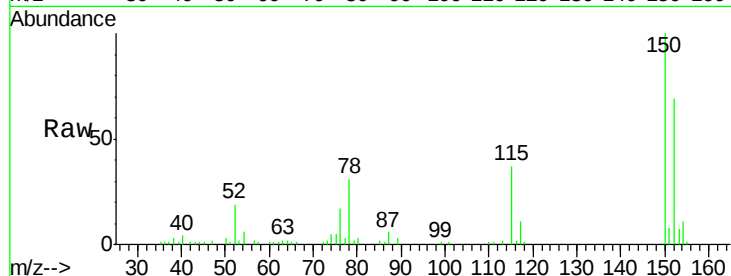


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

Instrument :
BNA_G
ClientSampleId :
WS-SOIL

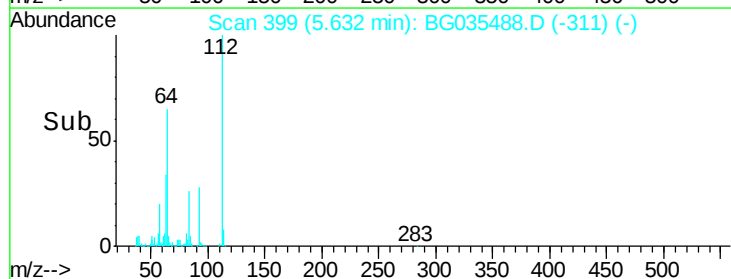
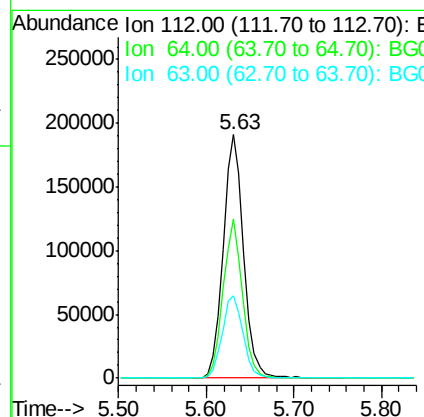
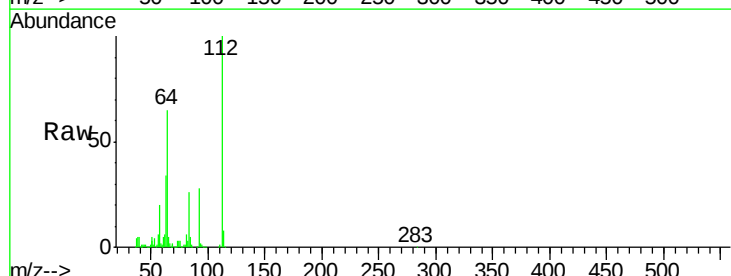
Tgt Ion:152 Resp: 36435
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 53.7 53.0 79.4

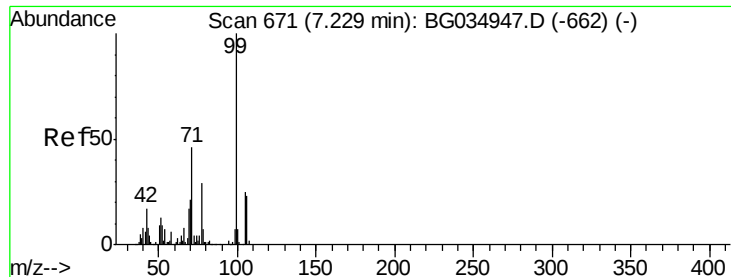


#5

2-Fluorophenol
Concen: 141.744 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

Tgt Ion:112 Resp: 306022
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 33.6 30.1 45.1





#7

Phenol-d6

Concen: 128.739 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035488.D

Acq: 28 Jun 2018 21:34

Instrument :

BNA_G

ClientSampleId :

WS-SOIL

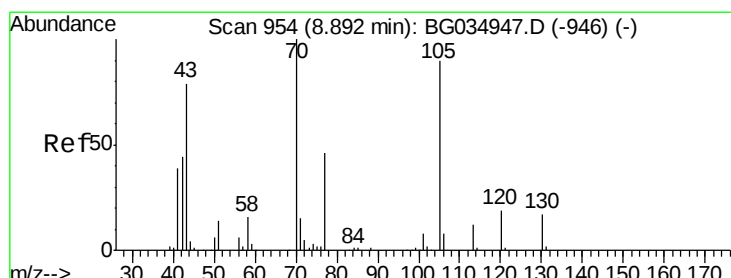
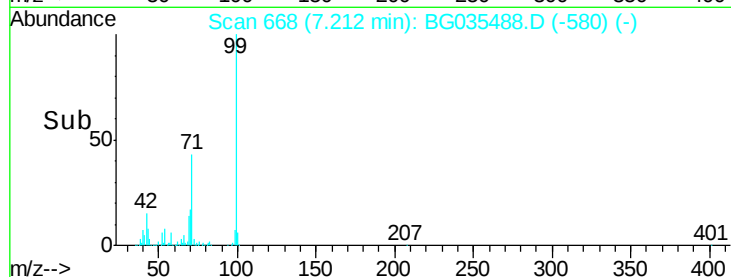
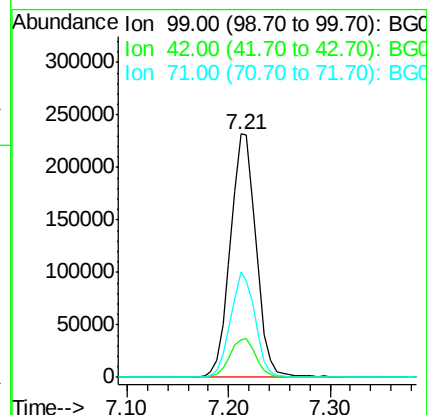
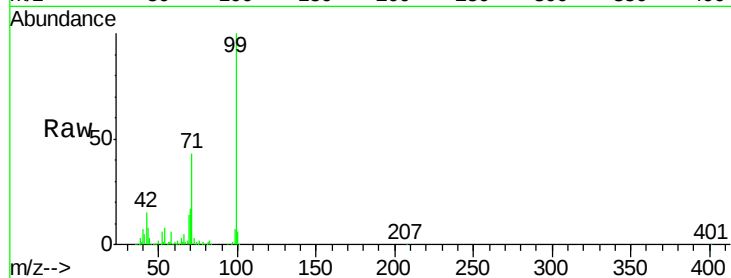
Tgt Ion: 99 Resp: 410229

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 43.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.304 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035488.D

Acq: 28 Jun 2018 21:34

Tgt Ion: 70 Resp: 44137

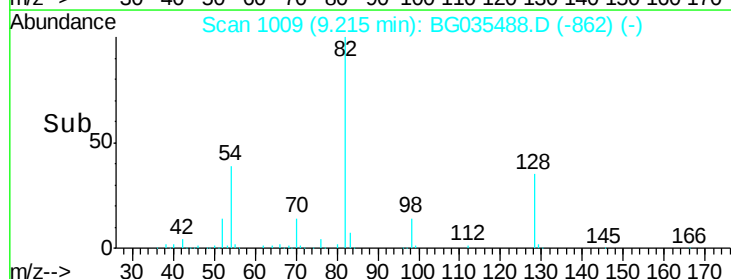
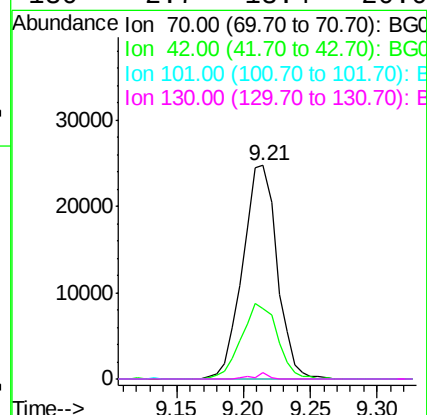
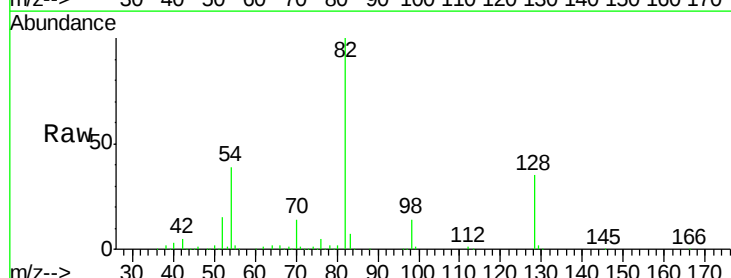
Ion Ratio Lower Upper

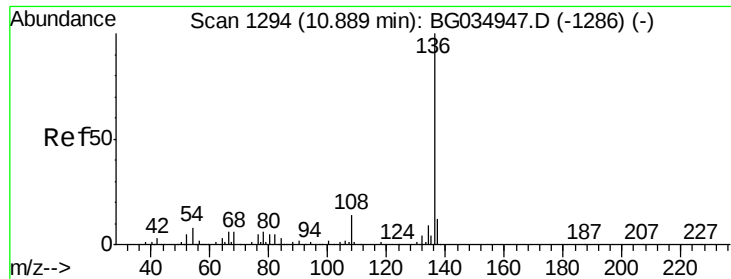
70 100

42 32.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

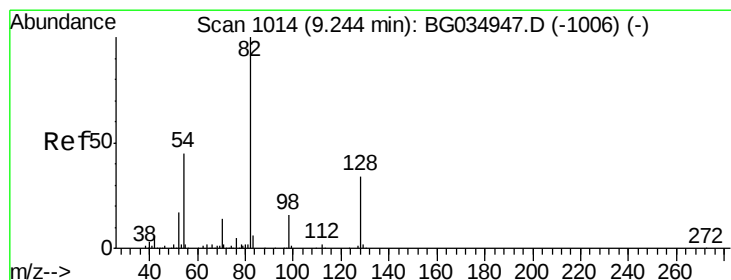
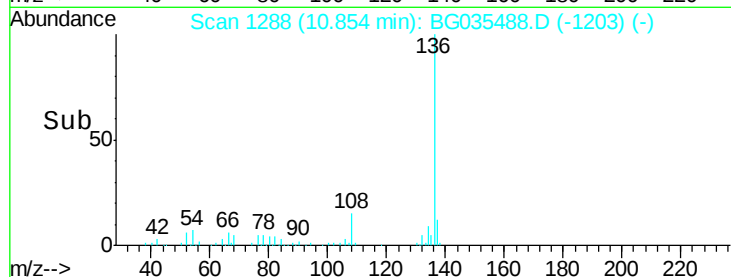
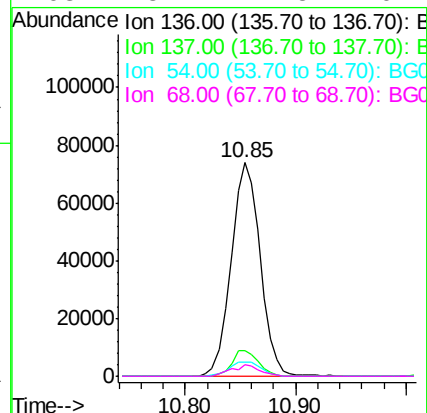
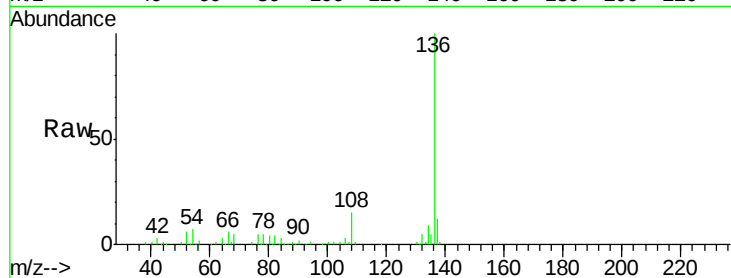




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

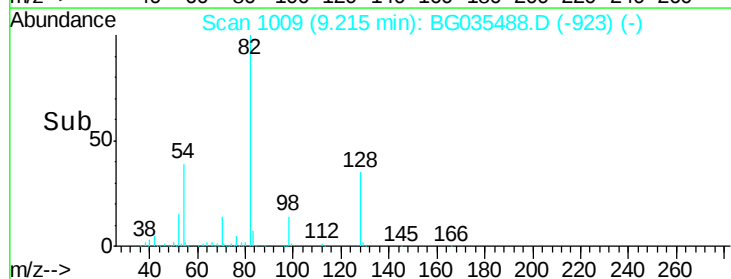
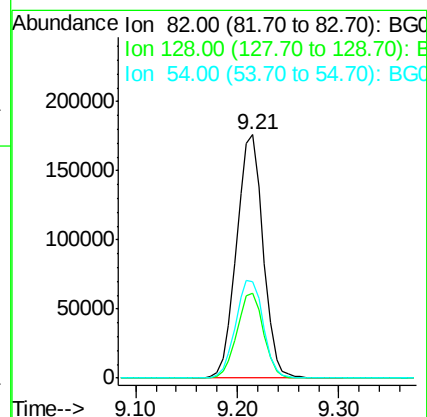
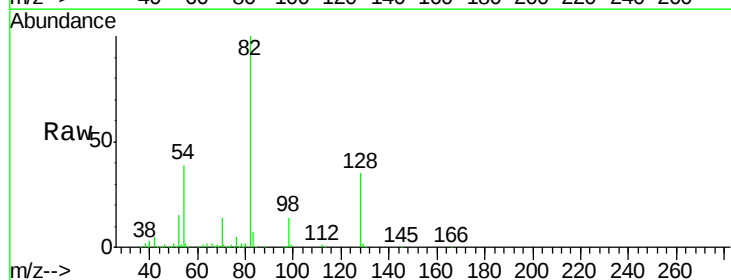
Instrument :
BNA_G
ClientSampled :
WS-SOIL

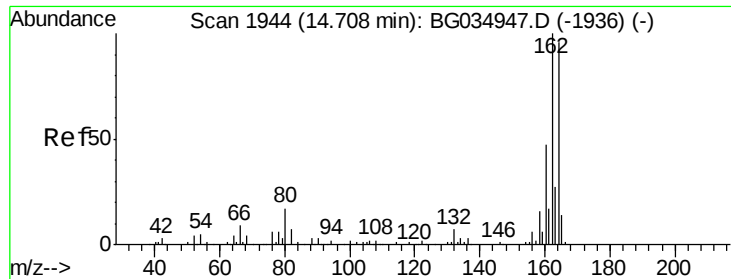
Tgt Ion:	136	Resp:	136014
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.9	10.3	15.5#
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 111.724 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

Tgt Ion:	82	Resp:	319686
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	39.4	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035488.D

Acq: 28 Jun 2018 21:34

Instrument :

BNA_G

ClientSampleId :

WS-SOIL

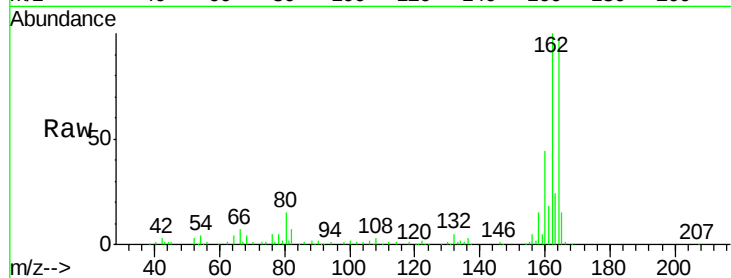
Tgt Ion:164 Resp: 96013

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

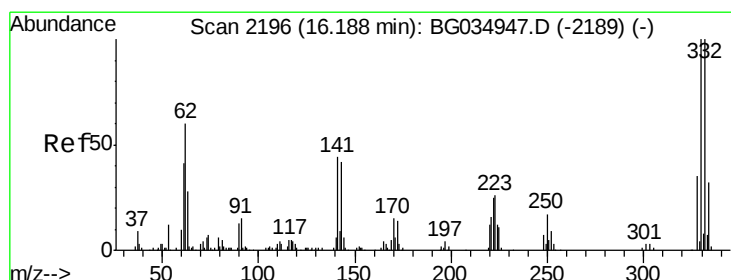
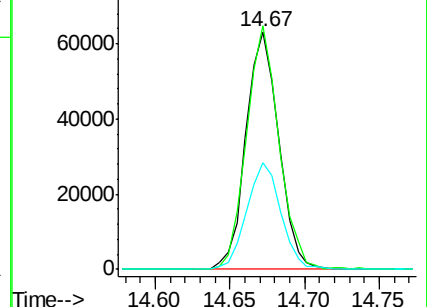
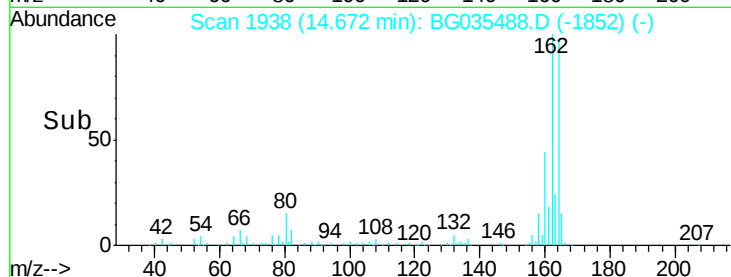
160 45.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 119.706 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035488.D

Acq: 28 Jun 2018 21:34

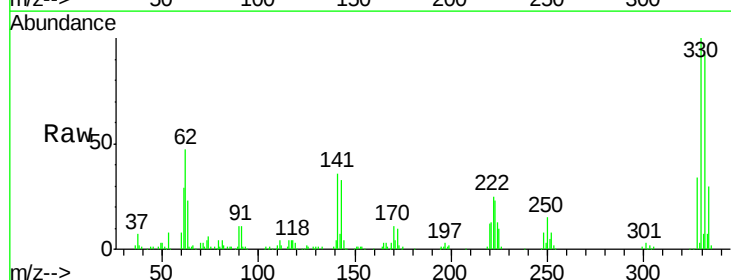
Tgt Ion:330 Resp: 147129

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

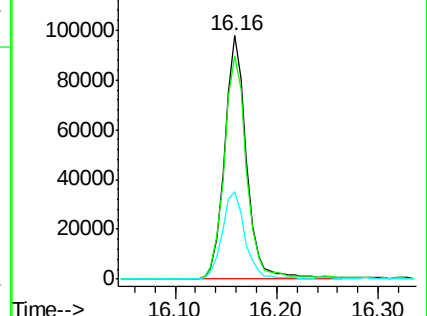
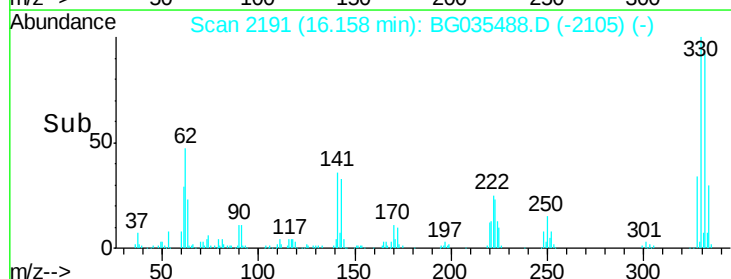
141 37.1 25.2 37.8

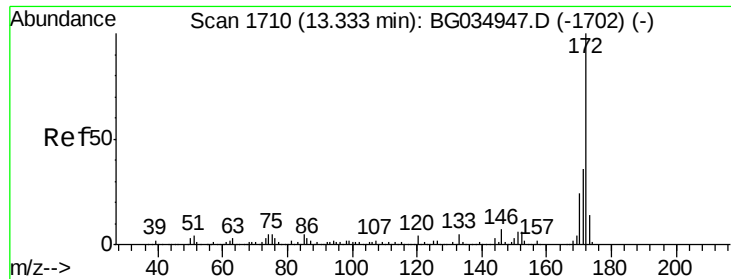


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

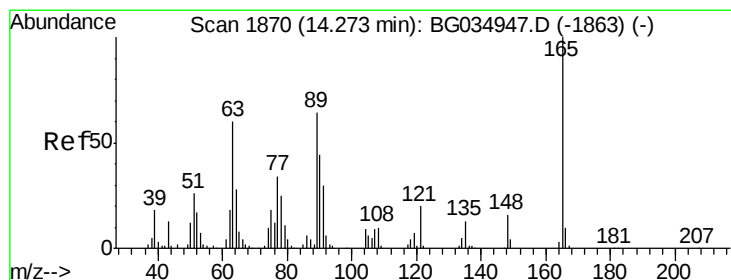
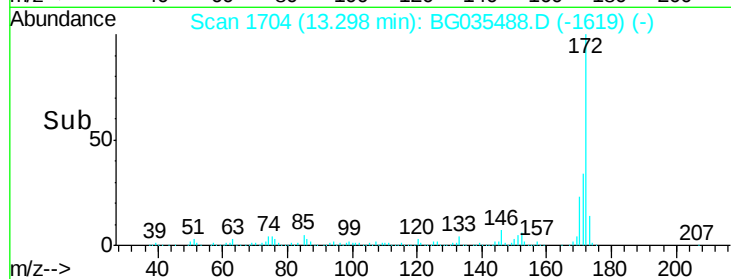
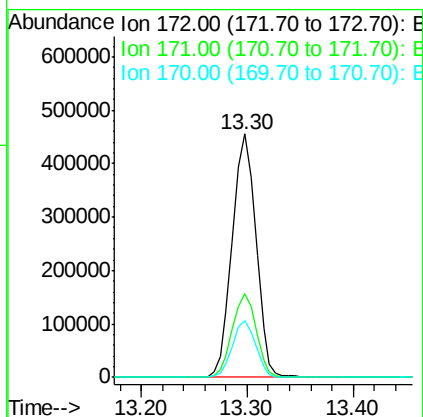
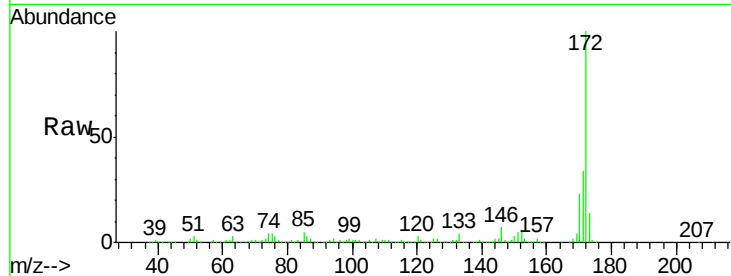




#44
 2-Fluorobiphenyl
 Concen: 96.219 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

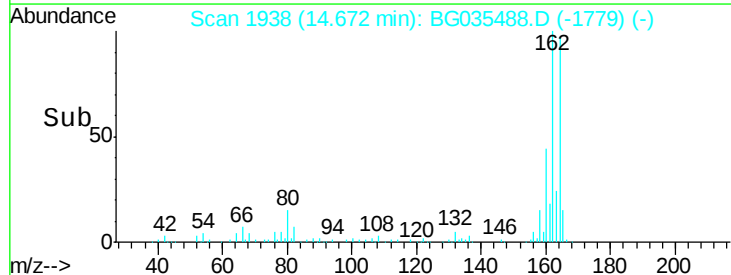
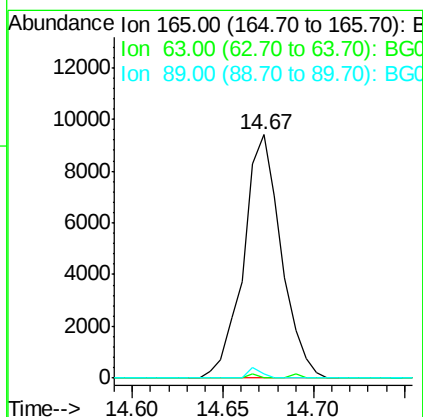
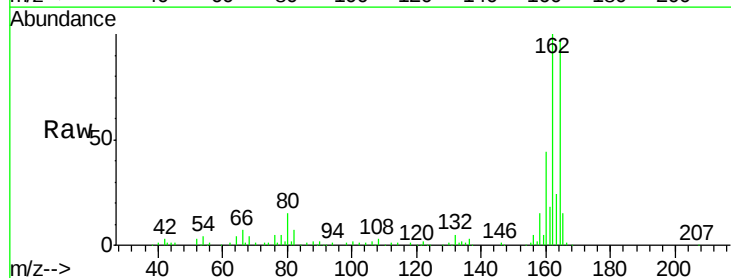
Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL

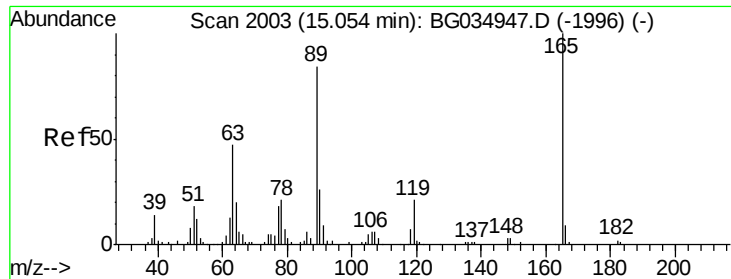
Tgt Ion:172 Resp: 710636
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.885 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

Tgt Ion:165 Resp: 13572
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.8 49.2 73.8#

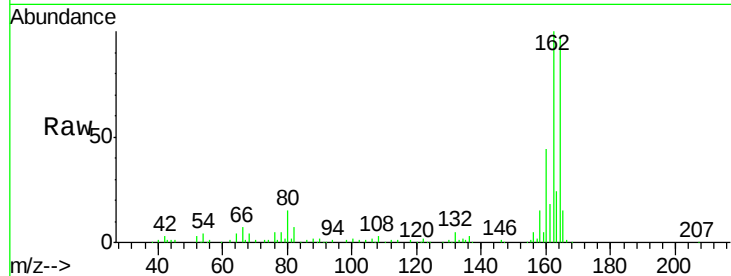




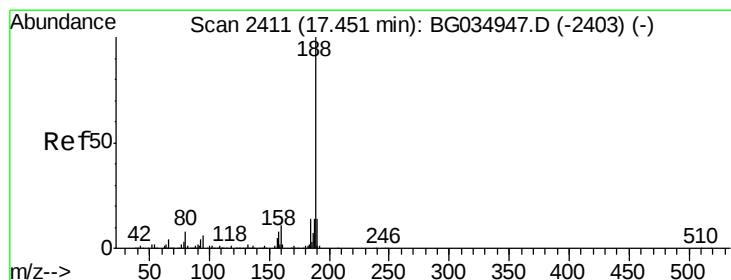
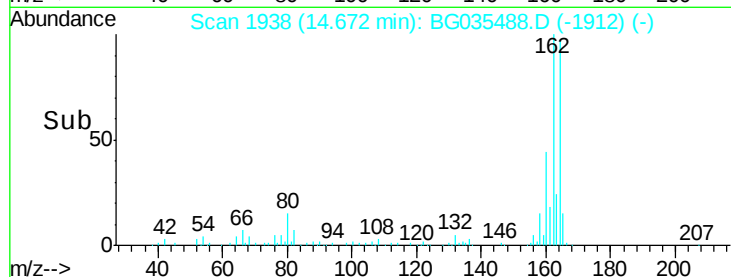
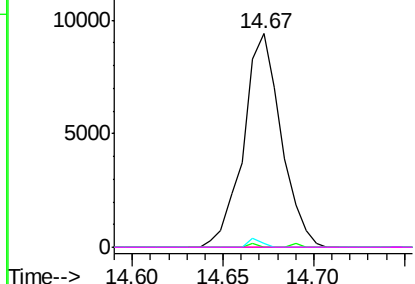
#56
 2,4-Dinitrotoluene
 Concen: 6.689 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL

Tgt Ion:165 Resp: 13572
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.8 66.9 100.3#
 182 0.0 2.6 3.8#

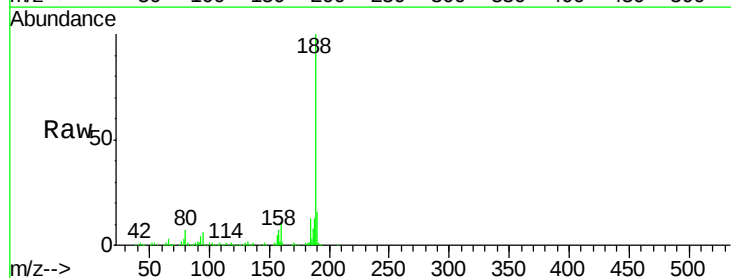


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

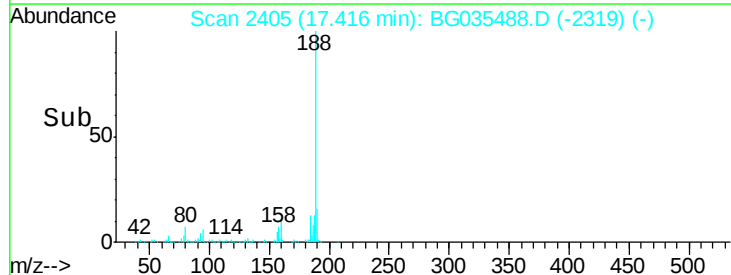
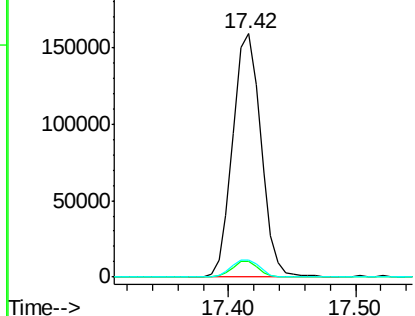


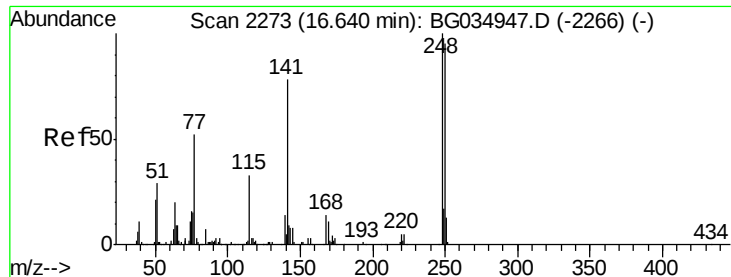
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

Tgt Ion:188 Resp: 245971
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.2 7.7 11.5#



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

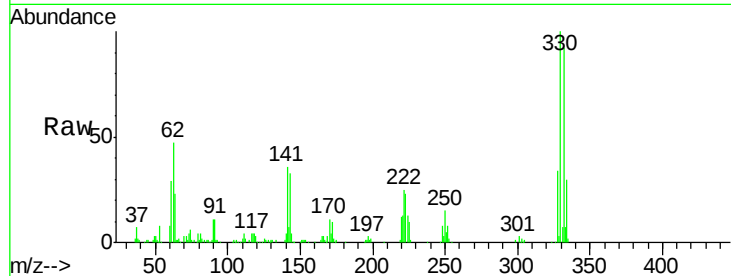




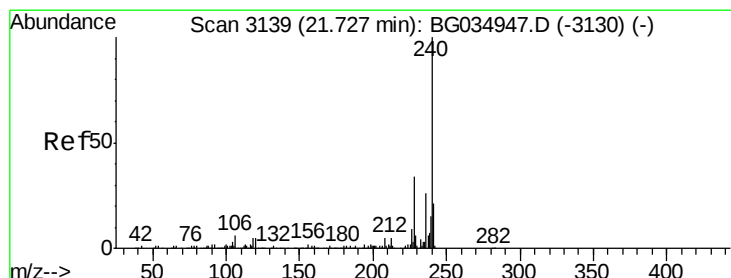
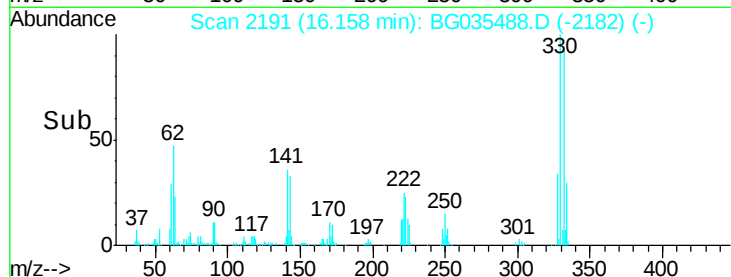
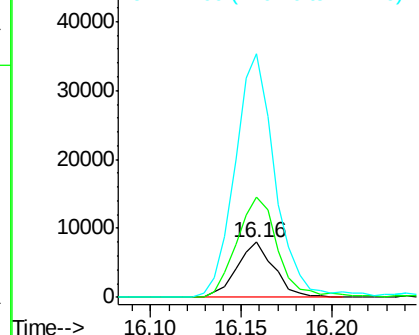
#66
 4-Bromophenyl-phenylether
 Concen: 3.813 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL

Tgt Ion:248 Resp: 11294
 Ion Ratio Lower Upper
 248 100
 250 183.6 77.1 115.7#
 141 443.5 50.8 76.2#

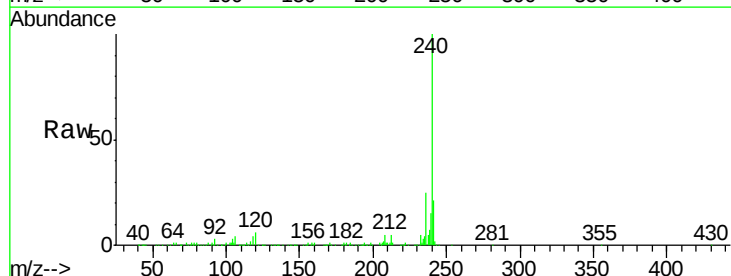


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

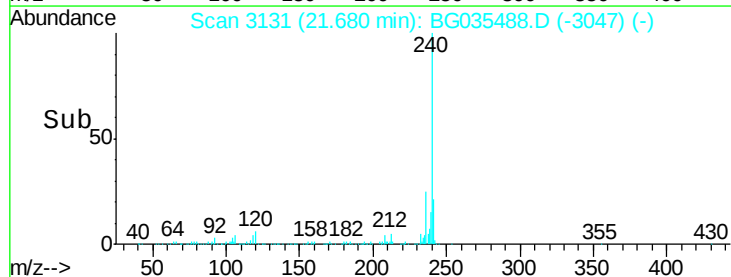
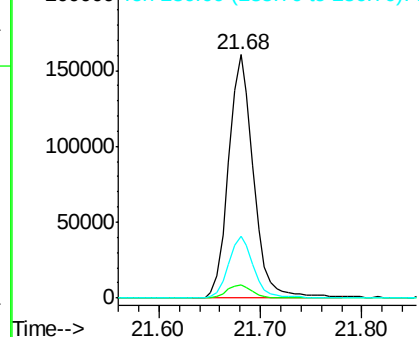


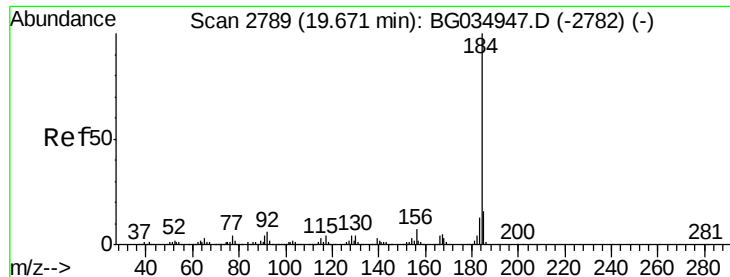
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035488.D
 Acq: 28 Jun 2018 21:34

Tgt Ion:240 Resp: 273440
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 25.4 20.9 31.3



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

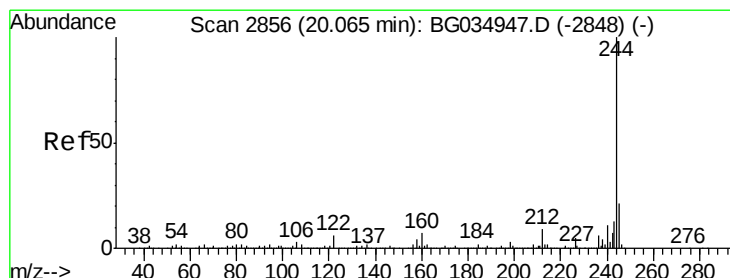
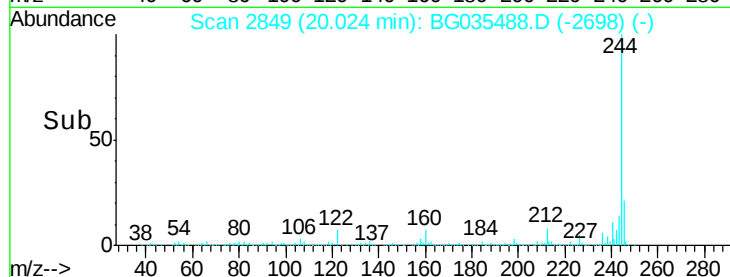
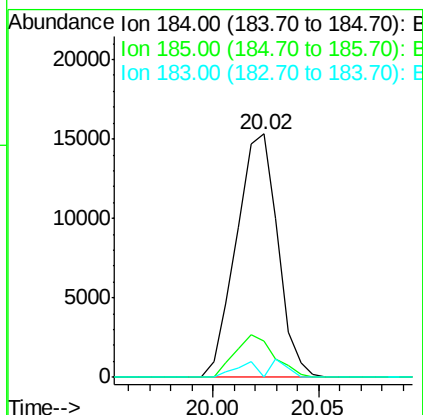
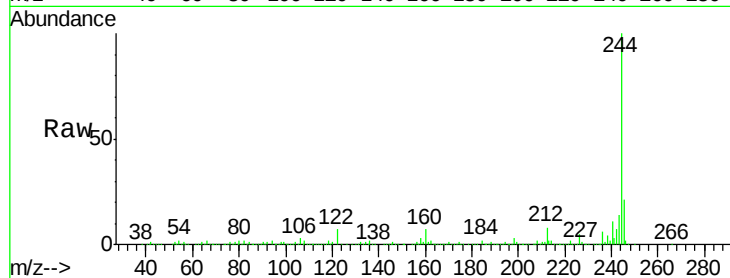




#76
Benzidine
Concen: 2.043 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

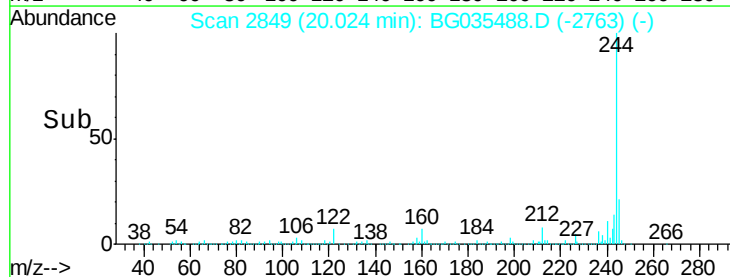
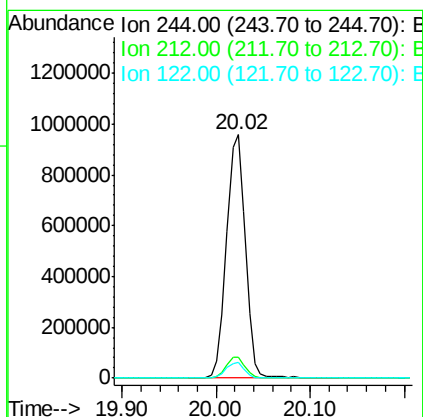
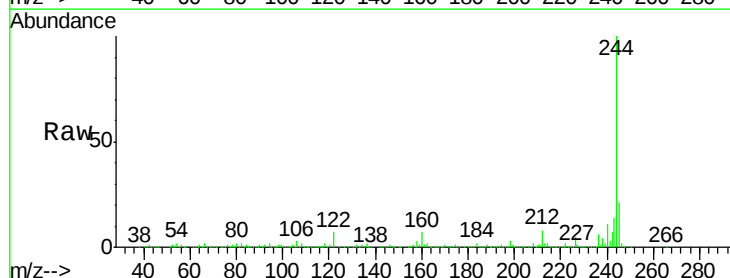
Instrument :
BNA_G
ClientSampleId :
WS-SOIL

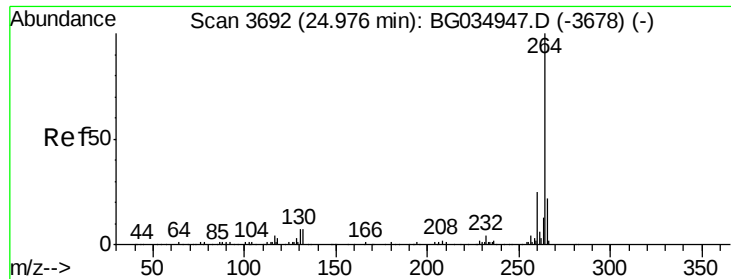
Tgt Ion:184 Resp: 20780
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 0.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 102.742 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

Tgt Ion:244 Resp: 1341204
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 6.6 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035488.D
Acq: 28 Jun 2018 21:34

Instrument :
BNA_G
ClientSampleId :
WS-SOIL

Tgt Ion: 264 Resp: 225136

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.8	17.7	26.5

