

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055182.D
 Acq On : 14 Oct 2022 17:39
 Operator : CG/JU
 Sample : N5133-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAS-SOIL-1013

Quant Time: Oct 14 18:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

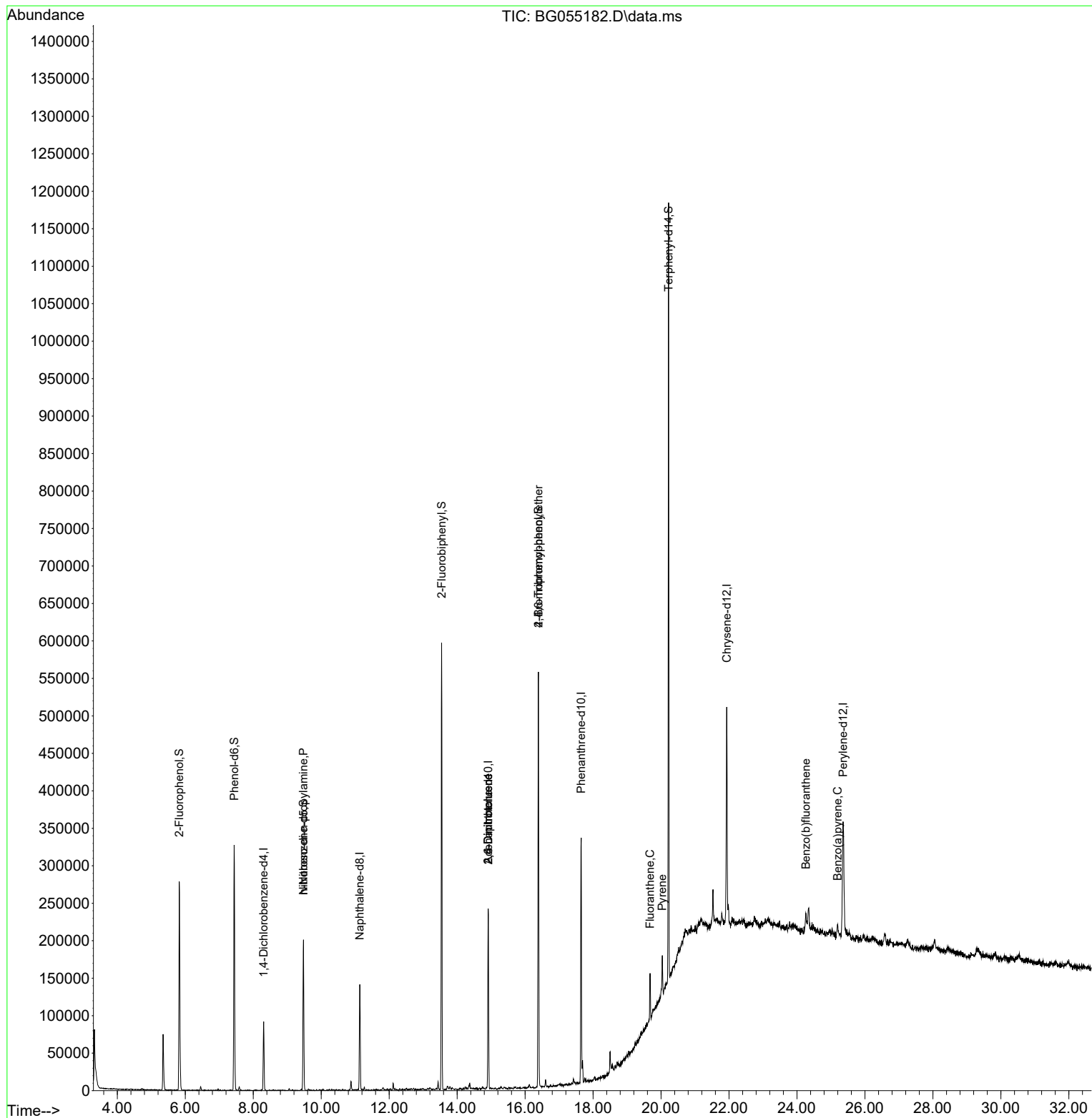
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	28280	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	121654	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	90273	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	214339	20.000	ng	# 0.00
76) Chrysene-d12	21.933	240	189450	20.000	ng	0.00
86) Perylene-d12	25.358	264	187378	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	139564	96.554	ng	0.00
7) Phenol-d6	7.438	99	188645	88.225	ng	0.00
23) Nitrobenzene-d5	9.477	82	119745	52.783	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	124504	95.985	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	310413	56.171	ng	0.00
79) Terphenyl-d14	20.223	244	524637	55.773	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.477	70	16773	9.720	ng	# 75
51) 2,6-Dinitrotoluene	14.912	165	11982	8.024	ng	# 21
57) 2,4-Dinitrotoluene	14.912	165	11982	5.478	ng	# 23
67) 4-Bromophenyl-phenylether	16.392	248	7564	3.237	ng	# 1
75) Fluoranthene	19.677	202	42157	3.033	ng	98
78) Pyrene	20.035	202	35092	2.779	ng	98
88) Benzo(b)fluoranthene	24.266	252	30521	2.733	ng	# 89
90) Benzo(a)pyrene	25.194	252	22104	2.315	ng	# 74

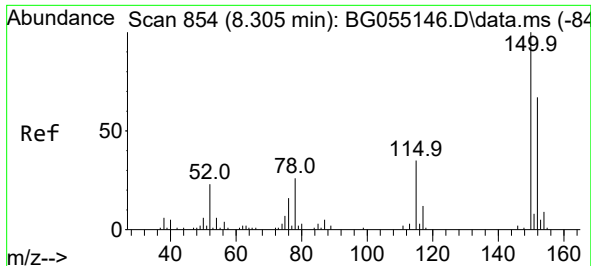
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
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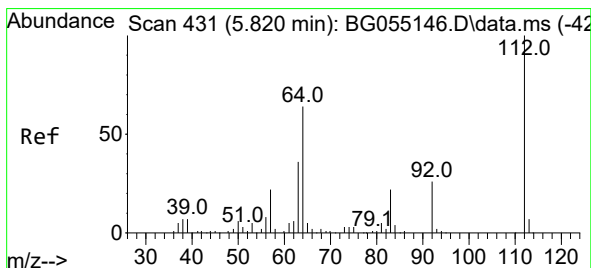
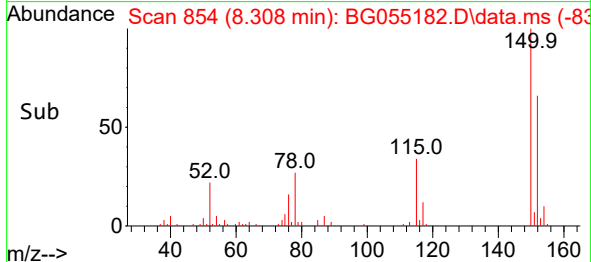
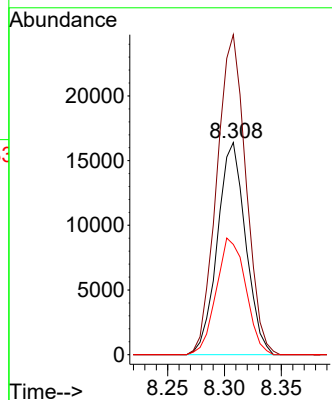
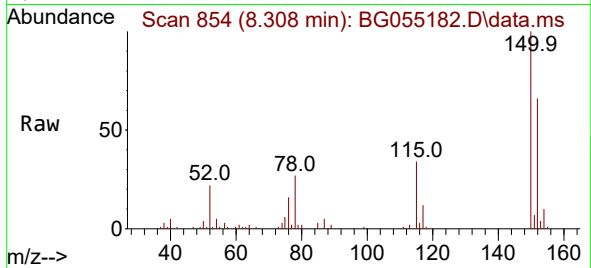




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.308 min Scan# 854
Delta R.T. 0.003 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

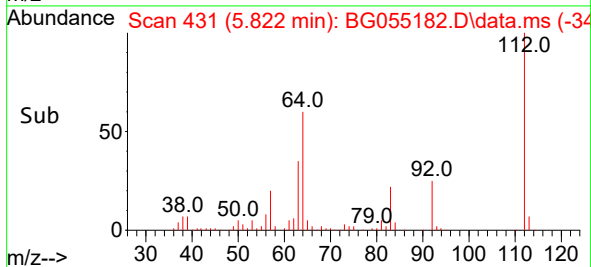
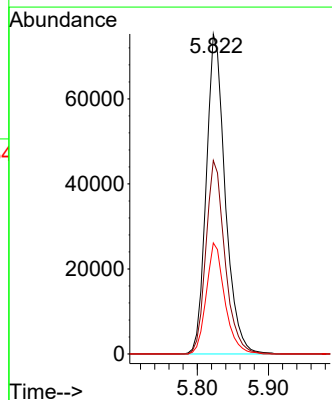
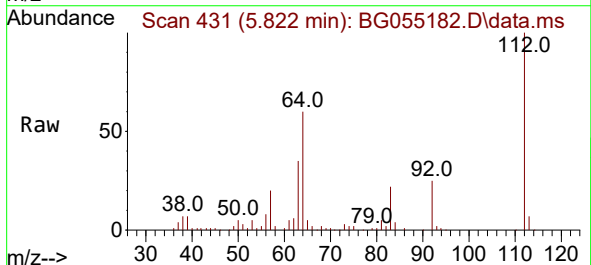
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

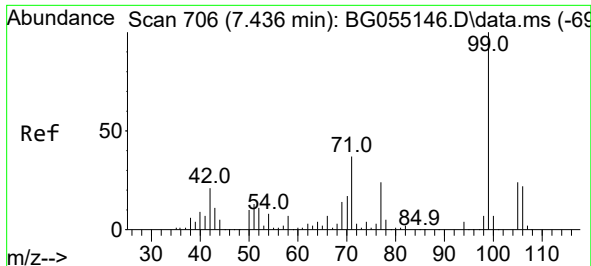
Tgt Ion:152 Resp: 28280
Ion Ratio Lower Upper
152 100
150 150.8 119.7 179.5
115 52.0 42.4 63.6



#5
2-Fluorophenol
Concen: 96.554 ng
RT: 5.822 min Scan# 431
Delta R.T. 0.002 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion:112 Resp: 139564
Ion Ratio Lower Upper
112 100
64 60.4 50.9 76.3
63 34.7 29.0 43.6

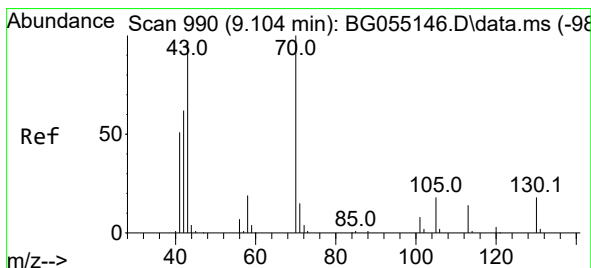
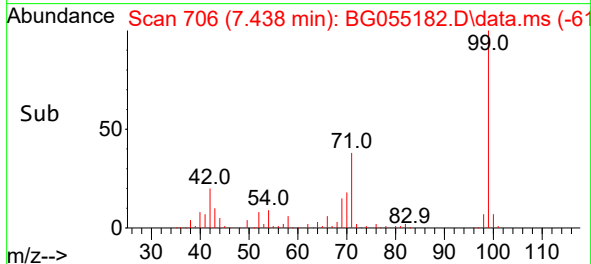
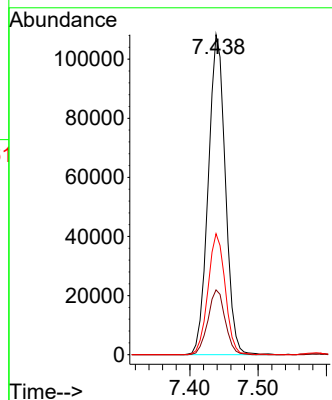
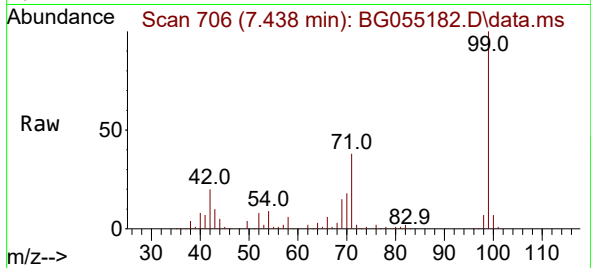




#7
Phenol-d6
Concen: 88.225 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

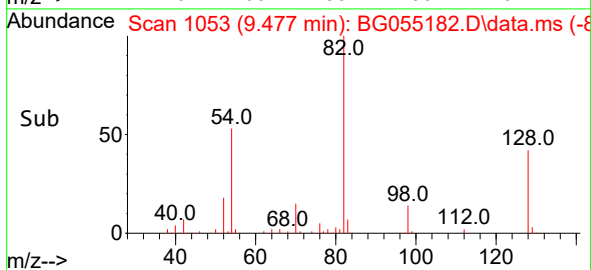
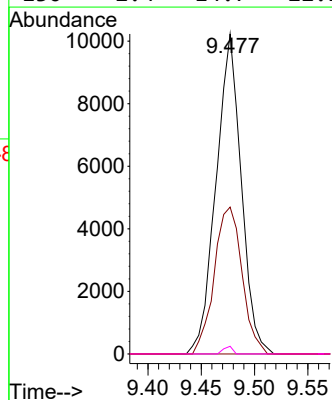
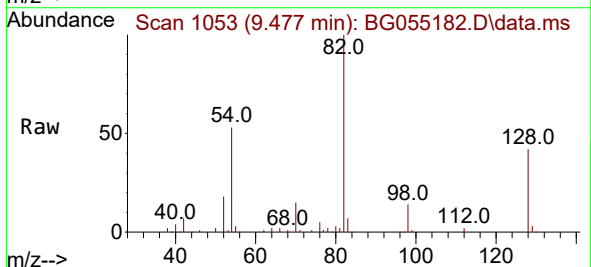
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

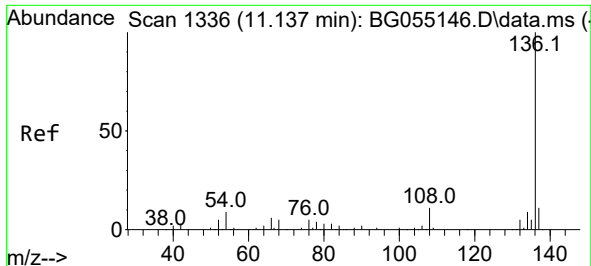
Tgt Ion: 99 Resp: 188645
Ion Ratio Lower Upper
99 100
42 20.2 16.6 25.0
71 37.8 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.720 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.373 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion: 70 Resp: 16773
Ion Ratio Lower Upper
70 100
42 45.9 50.1 75.1#
101 0.0 6.6 10.0#
130 2.4 14.7 22.1#

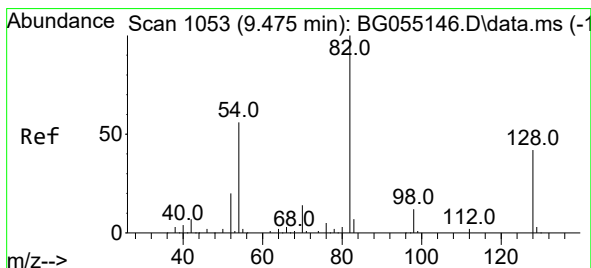
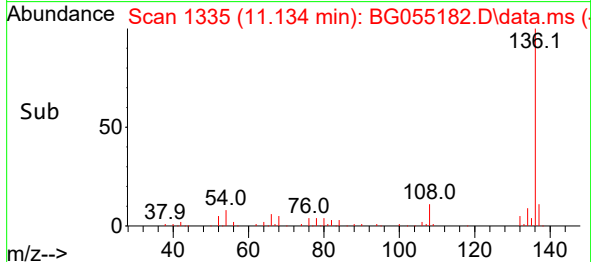
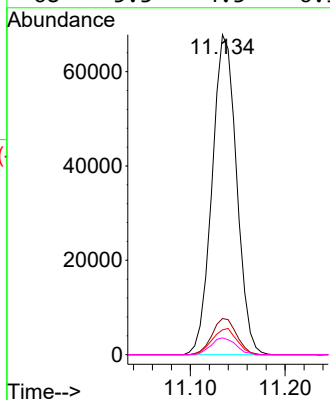
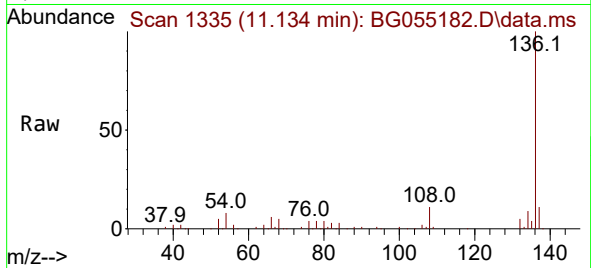




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

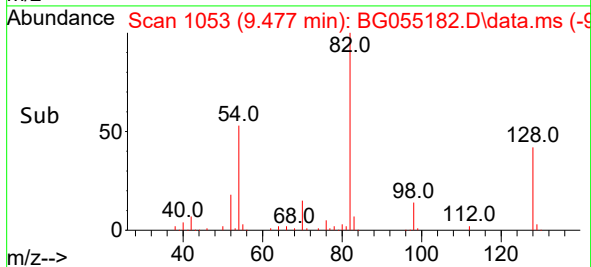
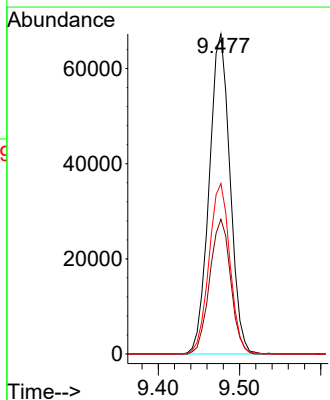
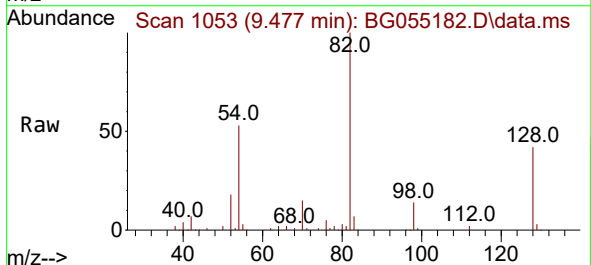
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

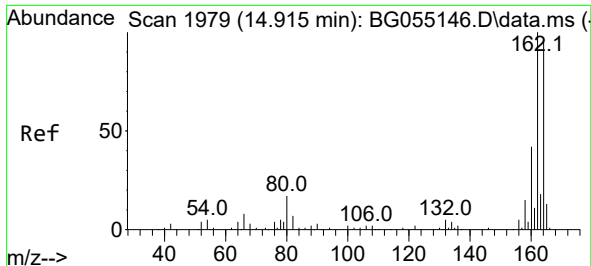
Tgt Ion:136	Resp:	121654
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	7.7	7.0 10.6
68	5.3	4.3 6.5



#23
Nitrobenzene-d5
Concen: 52.783 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.002 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion: 82	Resp:	119745
Ion Ratio	Lower	Upper
82	100	
128	42.1	33.5 50.3
54	53.3	44.7 67.1

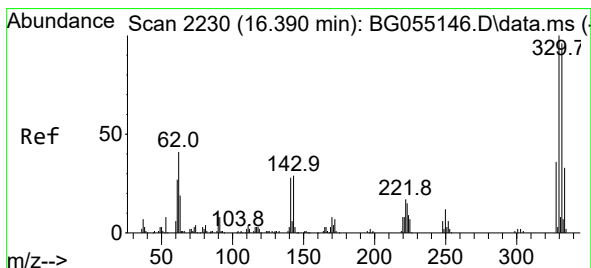
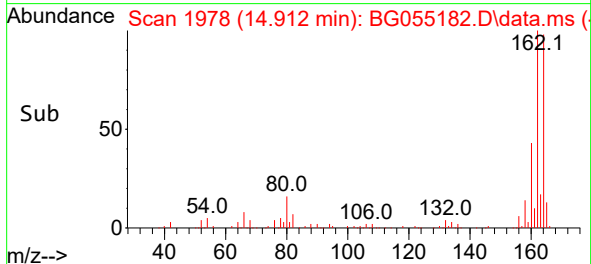
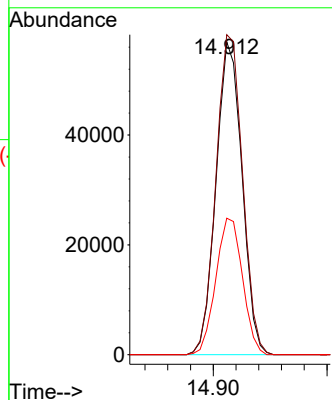
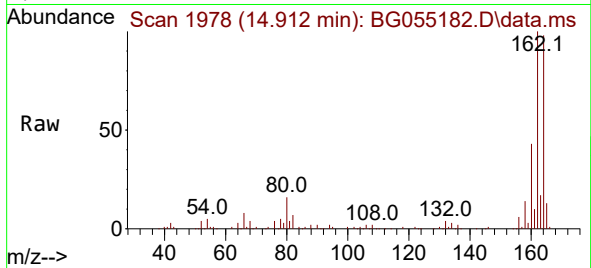




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1978
Delta R.T. -0.003 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

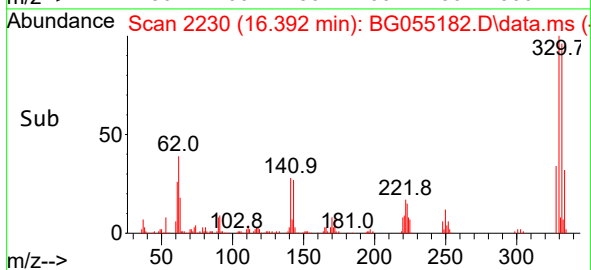
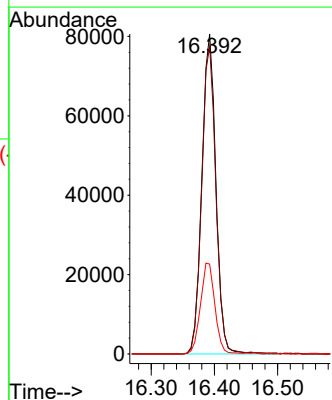
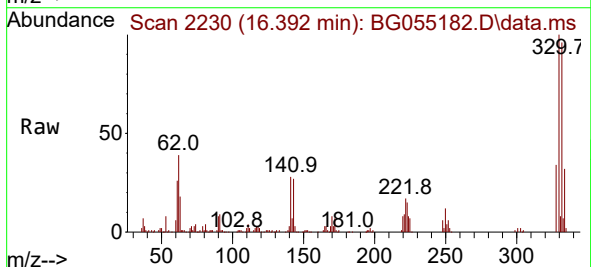
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

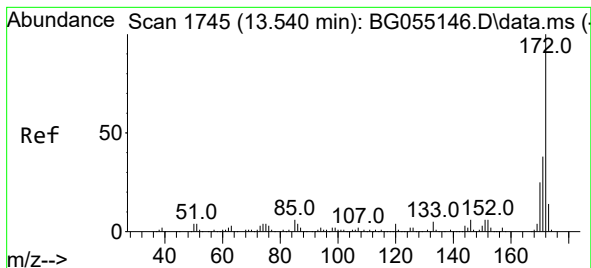
Tgt Ion:164 Resp: 90273
Ion Ratio Lower Upper
164 100
162 102.3 83.3 124.9
160 43.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 95.985 ng
RT: 16.392 min Scan# 2230
Delta R.T. 0.002 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion:330 Resp: 124504
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 29.0 24.6 36.8

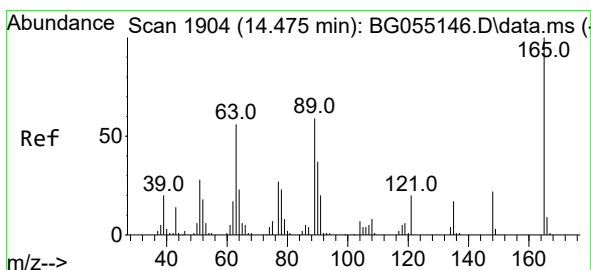
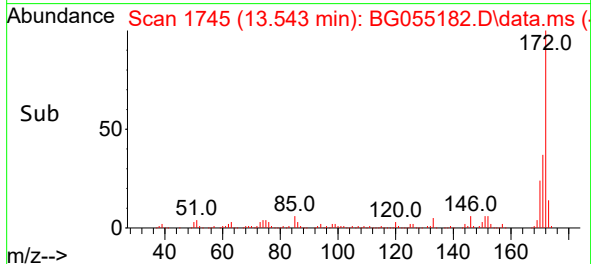
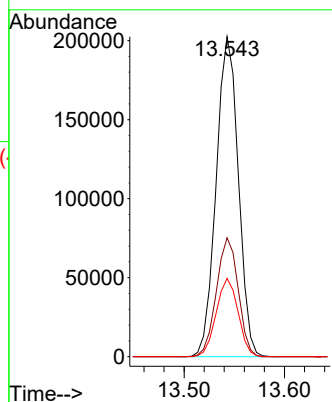
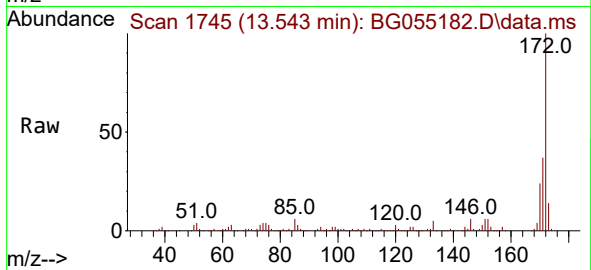




#45
2-Fluorobiphenyl
Concen: 56.171 ng
RT: 13.543 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

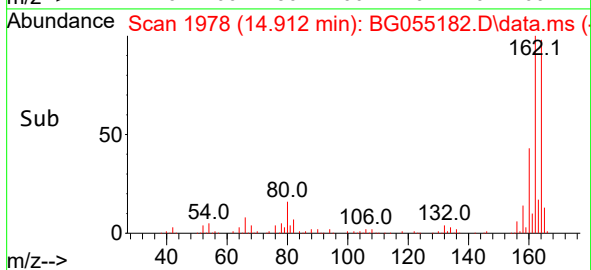
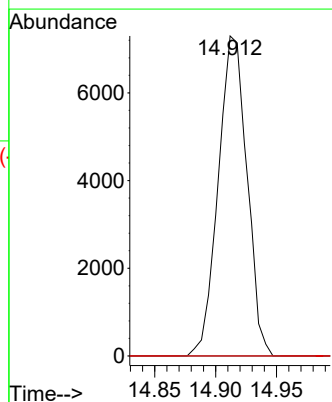
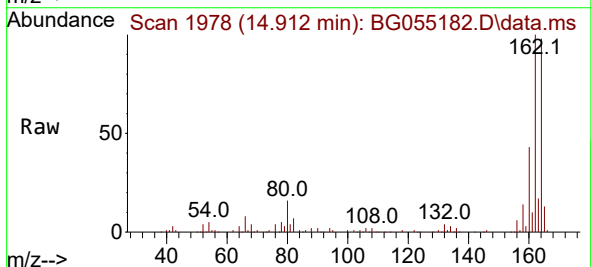
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

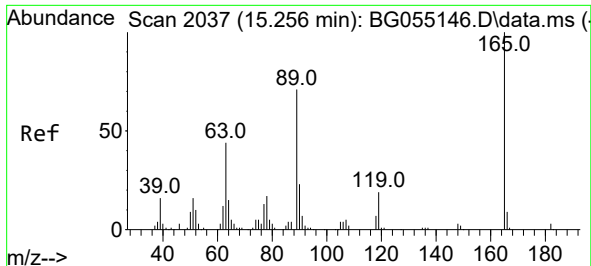
Tgt Ion:172 Resp: 310413
Ion Ratio Lower Upper
172 100
171 37.2 30.1 45.1
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.024 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.437 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion:165 Resp: 11982
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.478 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.344 min

Lab File: BG055182.D

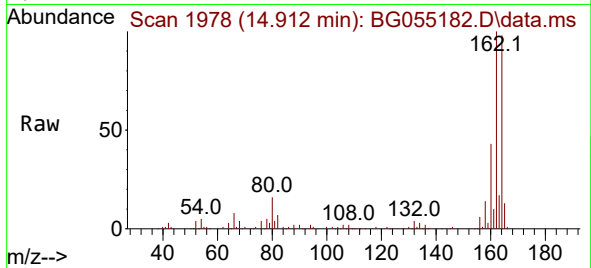
Acq: 14 Oct 2022 17:39

Instrument :

BNA_G

ClientSampleId :

HAS-SOIL-1013



Tgt Ion:165 Resp: 11982

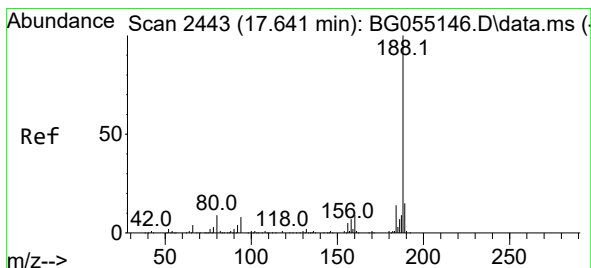
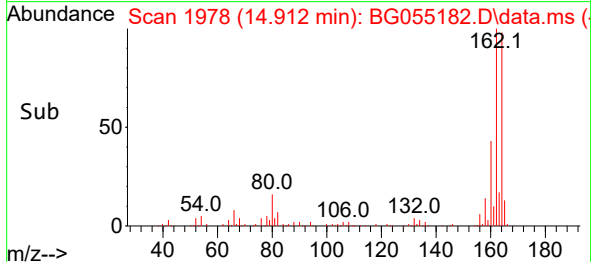
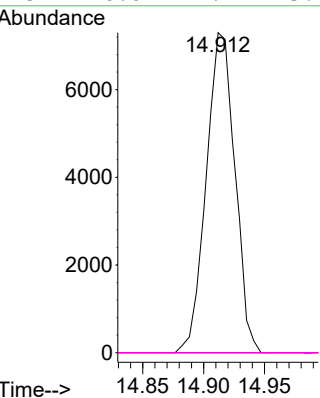
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.650 min Scan# 2444

Delta R.T. 0.008 min

Lab File: BG055182.D

Acq: 14 Oct 2022 17:39

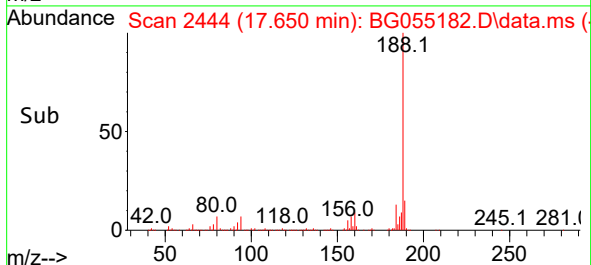
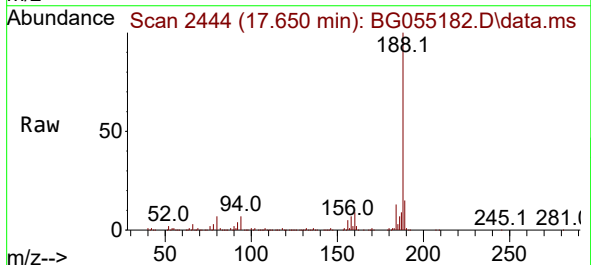
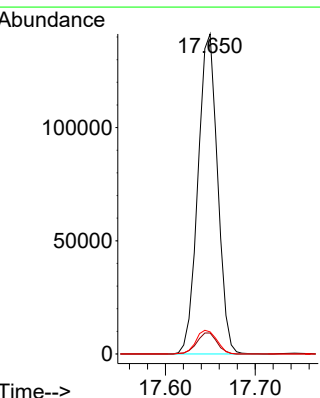
Tgt Ion:188 Resp: 214339

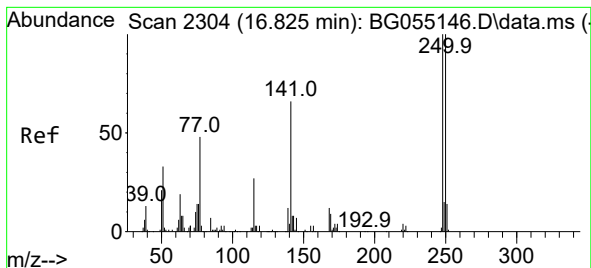
Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 6.9 7.0 10.6#

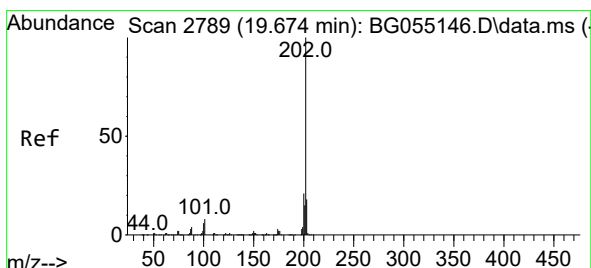
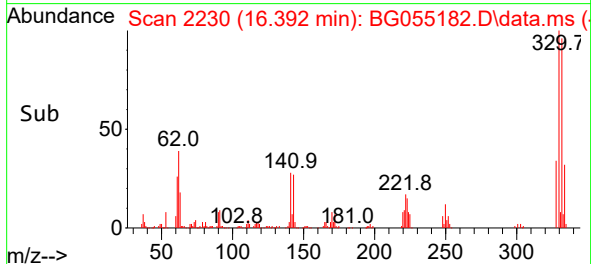
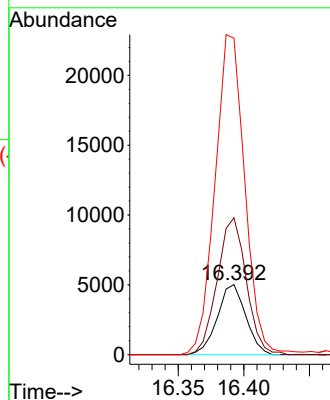
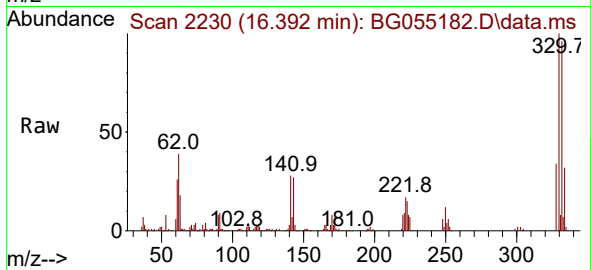




#67
4-Bromophenyl-phenylether
Concen: 3.237 ng
RT: 16.392 min Scan# 211
Delta R.T. -0.432 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

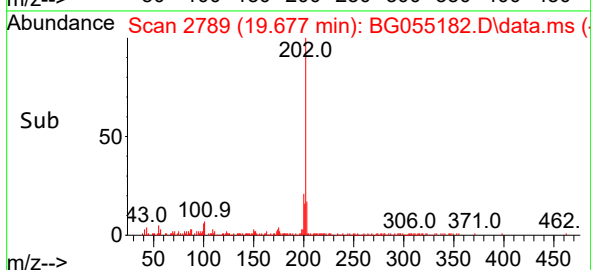
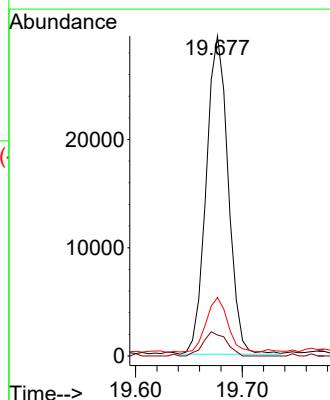
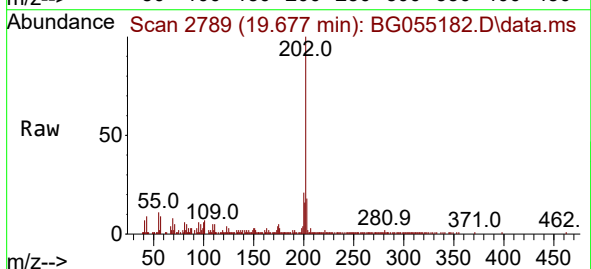
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

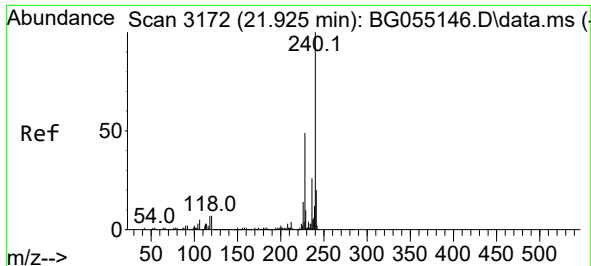
Tgt Ion:248 Resp: 7564
Ion Ratio Lower Upper
248 100
250 195.4 80.1 120.1#
141 451.7 53.1 79.7#



#75
Fluoranthene
Concen: 3.033 ng
RT: 19.677 min Scan# 2789
Delta R.T. 0.003 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion:202 Resp: 42157
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.4
203 18.3 0.0 37.8

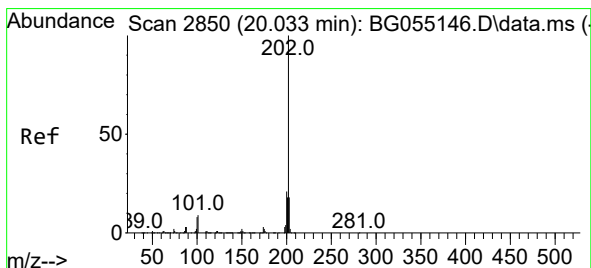
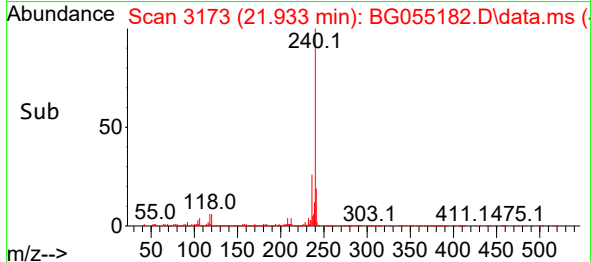
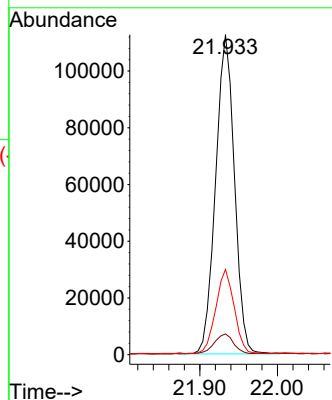
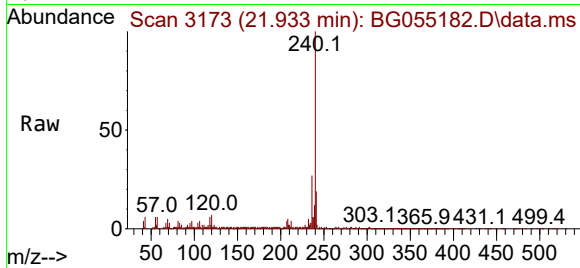




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. 0.008 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

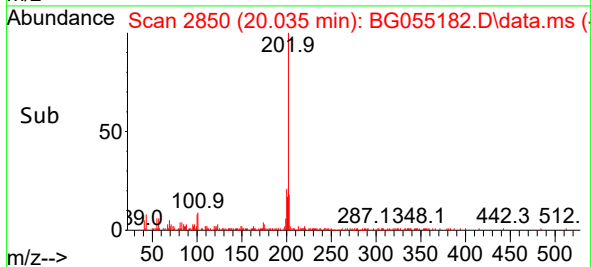
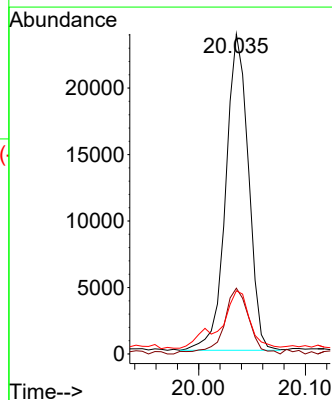
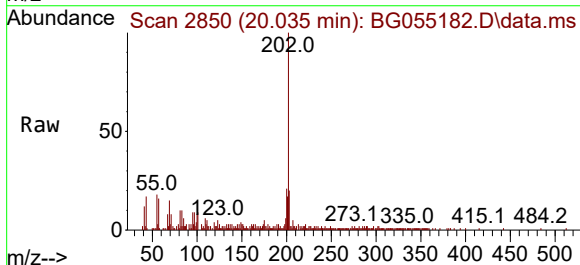
Instrument :
BNA_G
ClientSampleId :
HAS-SOIL-1013

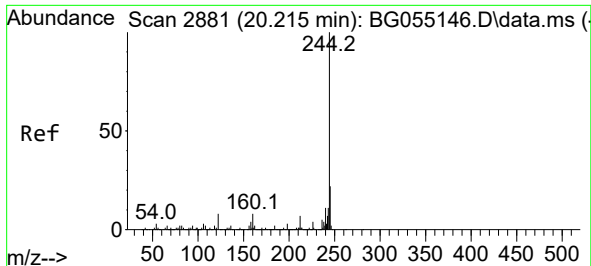
Tgt Ion:240 Resp: 189450
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.7 20.6 31.0



#78
Pyrene
Concen: 2.779 ng
RT: 20.035 min Scan# 2850
Delta R.T. 0.003 min
Lab File: BG055182.D
Acq: 14 Oct 2022 17:39

Tgt Ion:202 Resp: 35092
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 19.8 14.4 21.6

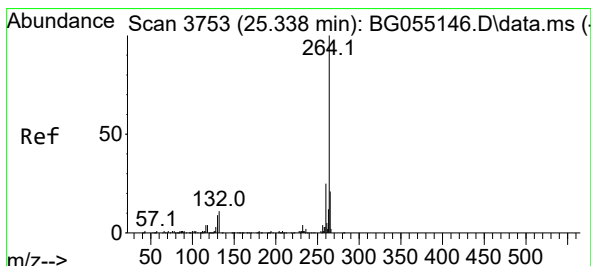
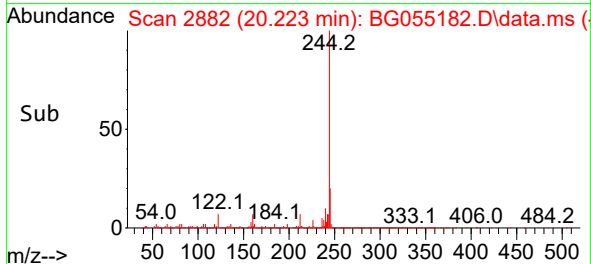
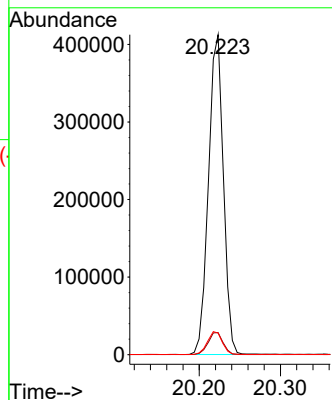
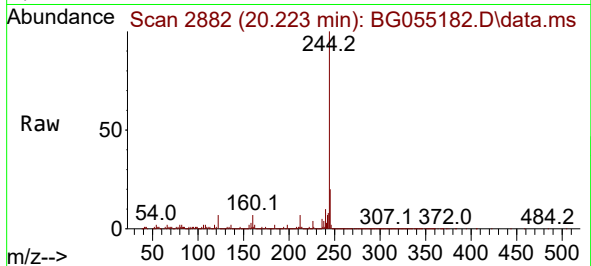




#79
 Terphenyl-d14
 Concen: 55.773 ng
 RT: 20.223 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BG055182.D
 Acq: 14 Oct 2022 17:39

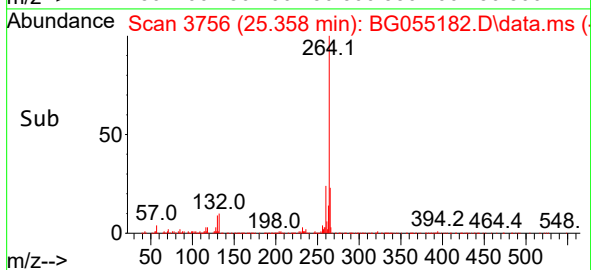
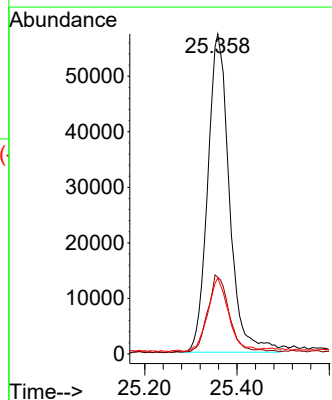
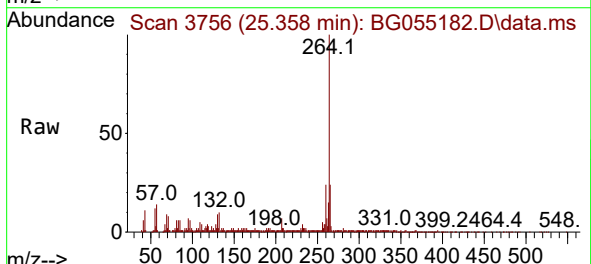
Instrument :
 BNA_G
 ClientSampleId :
 HAS-SOIL-1013

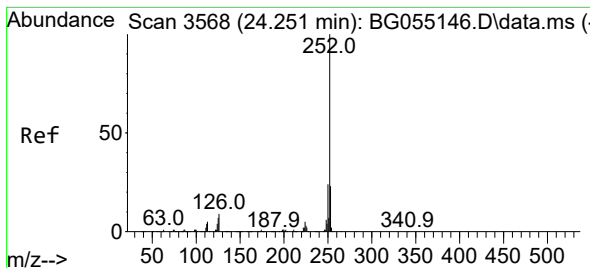
Tgt Ion:244 Resp: 524637
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 6.7 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.358 min Scan# 3756
 Delta R.T. 0.020 min
 Lab File: BG055182.D
 Acq: 14 Oct 2022 17:39

Tgt Ion:264 Resp: 187378
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 23.7 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 2.733 ng

RT: 24.266 min Scan# 3

Delta R.T. 0.014 min

Lab File: BG055182.D

Acq: 14 Oct 2022 17:39

Instrument :

BNA_G

ClientSampleId :

HAS-SOIL-1013

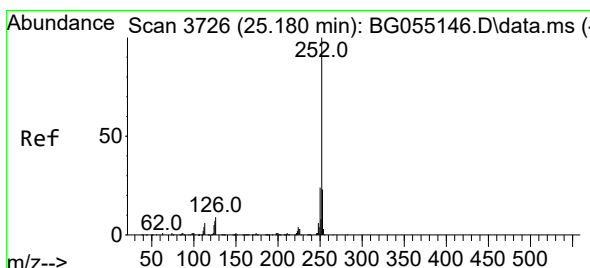
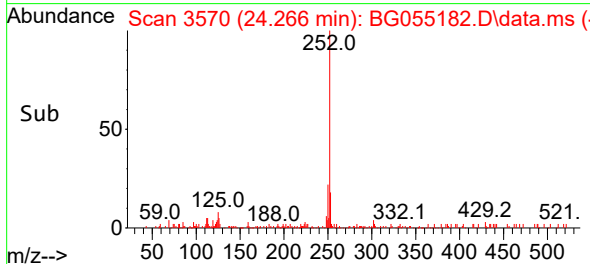
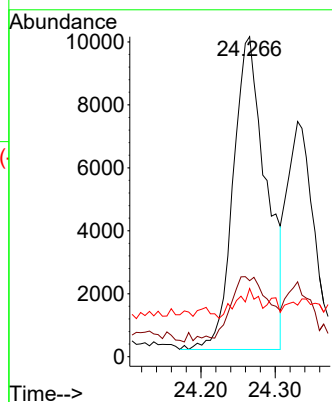
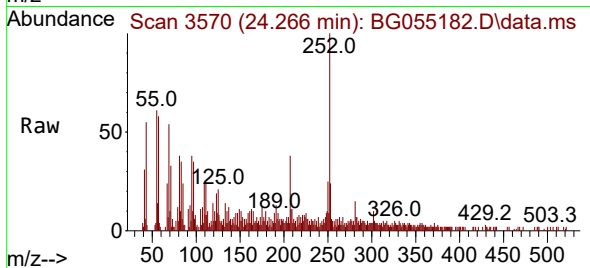
Tgt Ion:252 Resp: 30521

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 21.3 5.7 8.5#



#90

Benzo(a)pyrene

Concen: 2.315 ng

RT: 25.194 min Scan# 3728

Delta R.T. 0.014 min

Lab File: BG055182.D

Acq: 14 Oct 2022 17:39

Tgt Ion:252 Resp: 22104

Ion Ratio Lower Upper

252 100

253 31.2 18.2 27.2#

125 24.9 5.8 8.8#

