

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060781.D
 Acq On : 4 Apr 2024 16:53
 Operator : MA/JU
 Sample : P1974-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Quant Time: Apr 04 17:27:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

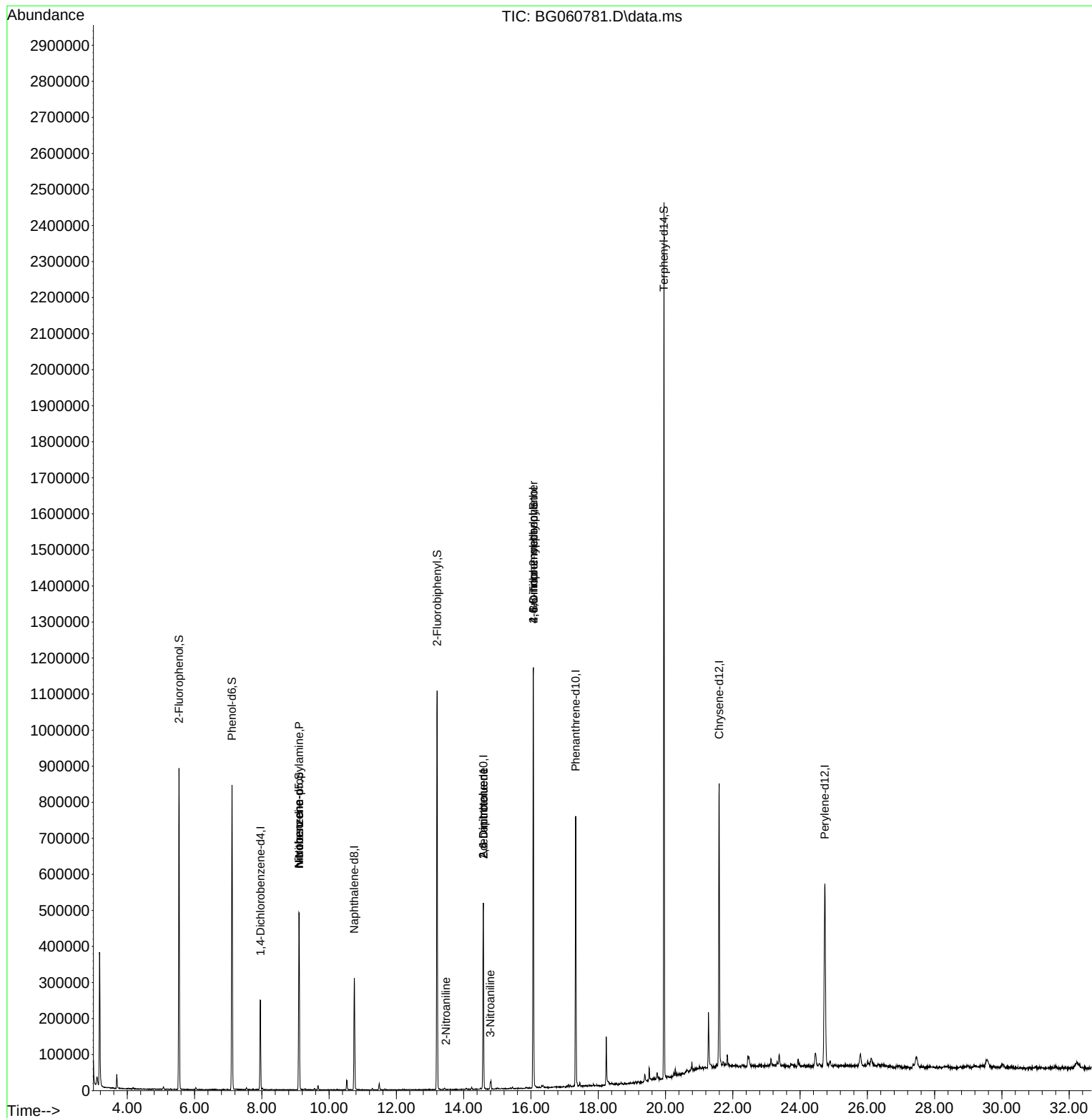
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	66774	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	252932	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	188922	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	466131	20.000	ng	0.00
76) Chrysene-d12	21.595	240	461322	20.000	ng	0.00
86) Perylene-d12	24.738	264	550025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	341901	85.298	ng	0.00
7) Phenol-d6	7.112	99	432212	72.642	ng	0.00
23) Nitrobenzene-d5	9.104	82	271943	61.350	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	227778	106.211	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	582193	45.227	ng	0.00
79) Terphenyl-d14	19.956	244	1213185	46.306	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.109	70	37122	8.181	ng	# 68
24) Nitrobenzene	9.109	77	959	2.956	ng	# 42
48) 2-Nitroaniline	13.475	65	59	2.810	ng	# 11
51) 2,6-Dinitrotoluene	14.585	165	23381	11.602	ng	# 19
53) 3-Nitroaniline	14.791	138	192	2.913	ng	# 1
57) 2,4-Dinitrotoluene	14.585	165	23381	9.781	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.072	198	591	7.296	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	15207	3.215	ng	# 1

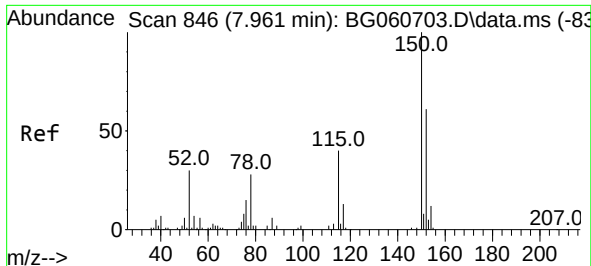
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060781.D
Acq On : 4 Apr 2024 16:53
Operator : MA/JU
Sample : P1974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-1

Quant Time: Apr 04 17:27:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

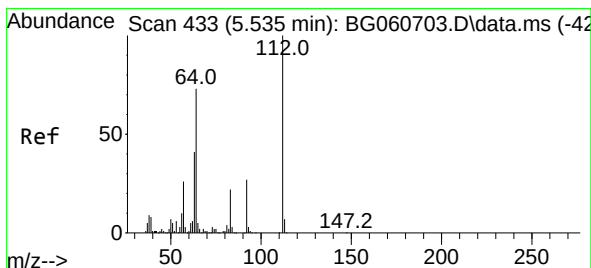
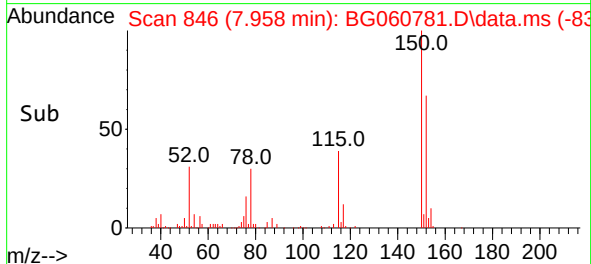
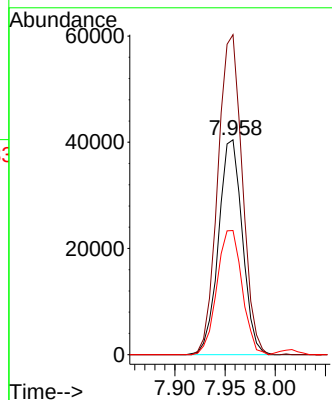
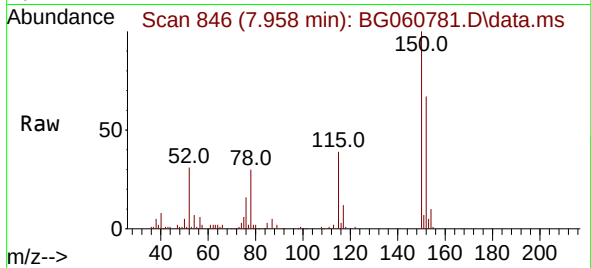




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

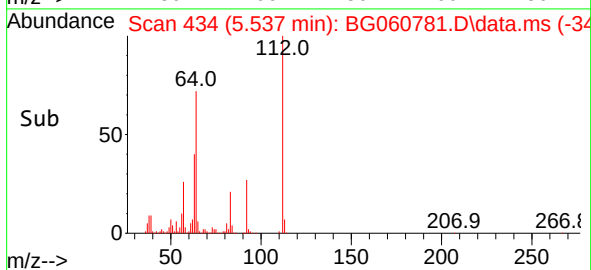
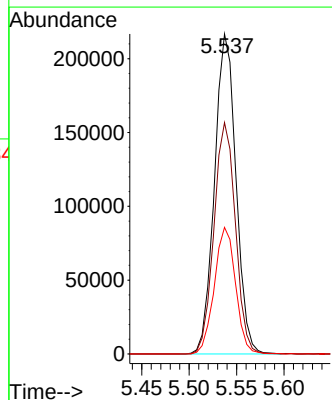
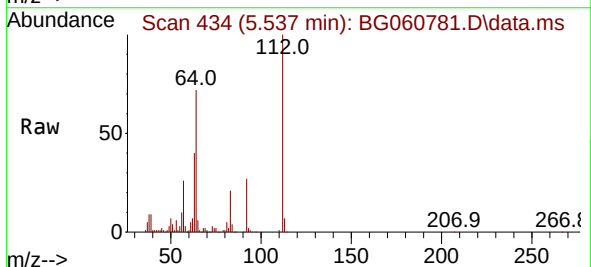
Instrument :
BNA_G
ClientSampleId :
SOIL-1

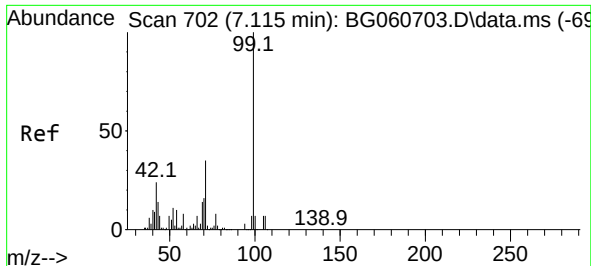
Tgt Ion:152 Resp: 66774
Ion Ratio Lower Upper
152 100
150 148.9 130.2 195.4
115 57.8 51.6 77.4



#5
2-Fluorophenol
Concen: 85.298 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:112 Resp: 341901
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 39.5 32.7 49.1

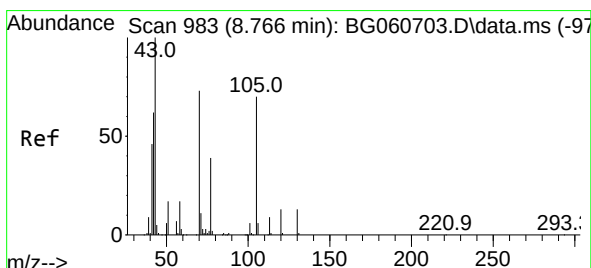
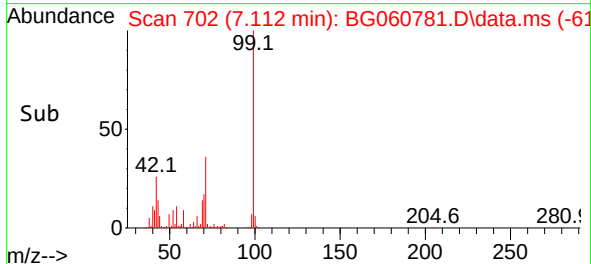
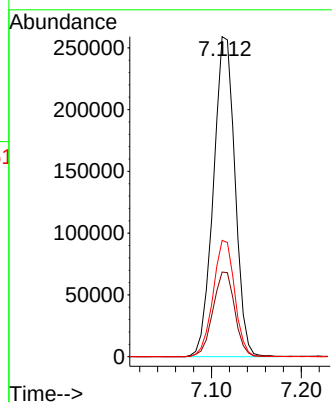
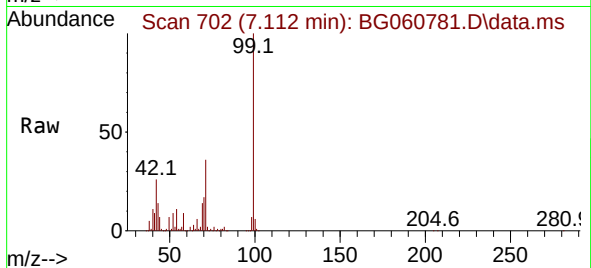




#7
Phenol-d6
Concen: 72.642 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

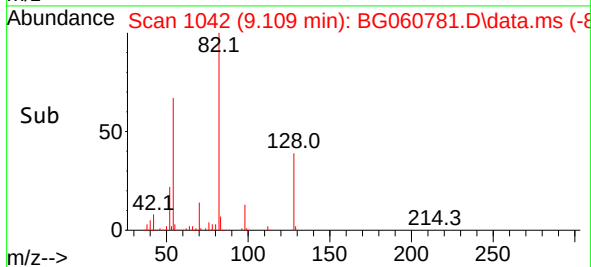
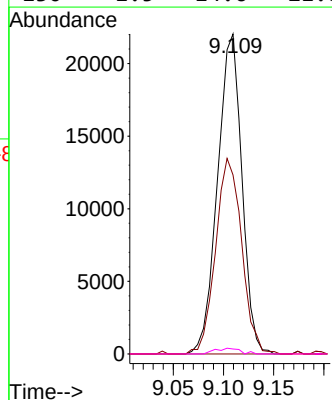
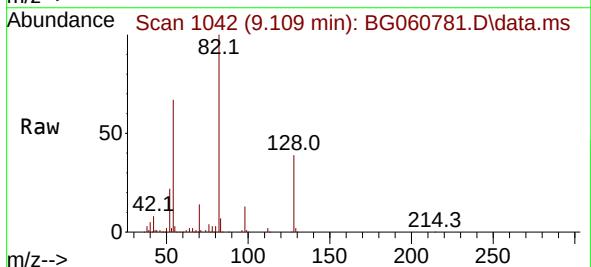
Instrument :
BNA_G
ClientSampleId :
SOIL-1

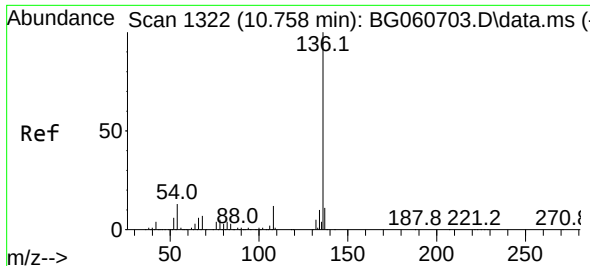
Tgt Ion: 99 Resp: 432212
Ion Ratio Lower Upper
99 100
42 26.5 19.4 29.2
71 36.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.181 ng
RT: 9.109 min Scan# 1042
Delta R.T. 0.343 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion: 70 Resp: 37122
Ion Ratio Lower Upper
70 100
42 56.0 68.4 102.6#
101 0.0 6.1 9.1#
130 1.5 14.6 21.8#

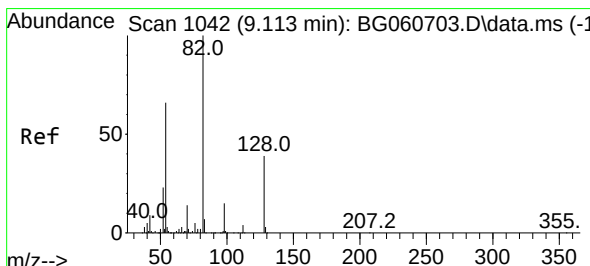
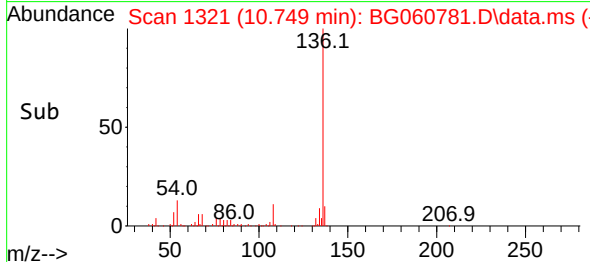
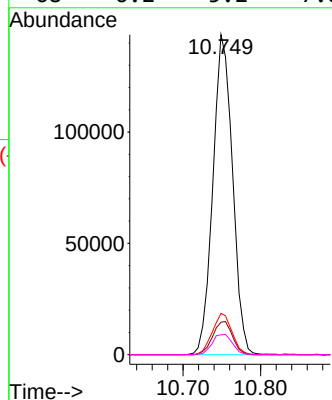
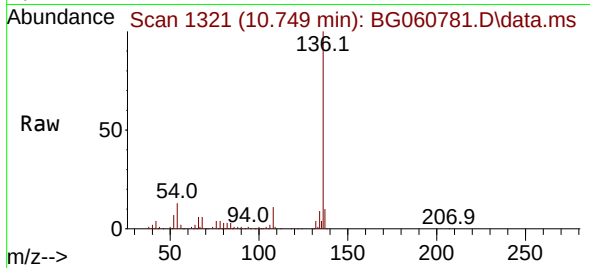




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

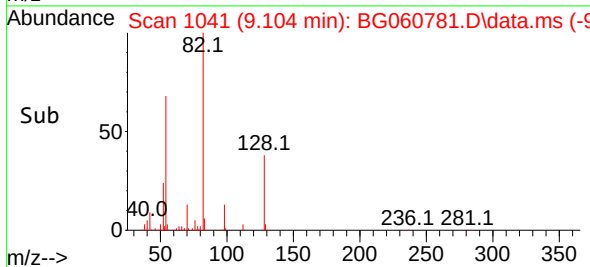
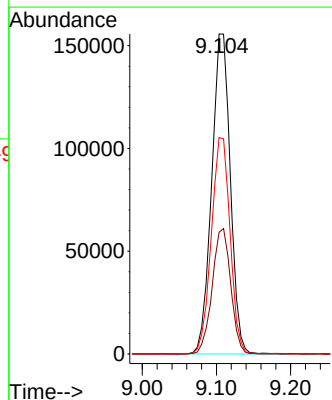
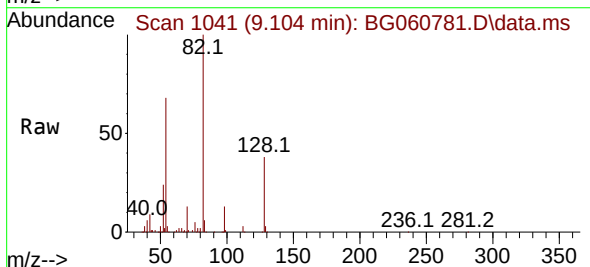
Instrument :
BNA_G
ClientSampleId :
SOIL-1

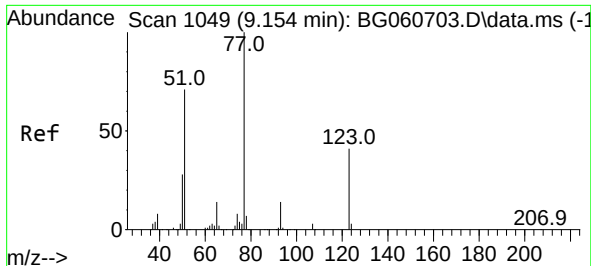
Tgt Ion:136 Resp: 252932
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 12.9 10.2 15.2
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.350 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion: 82 Resp: 271943
Ion Ratio Lower Upper
82 100
128 38.0 31.2 46.8
54 67.6 53.2 79.8

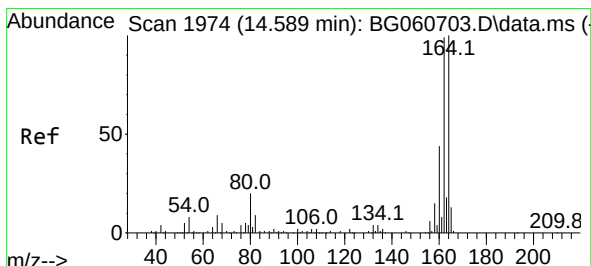
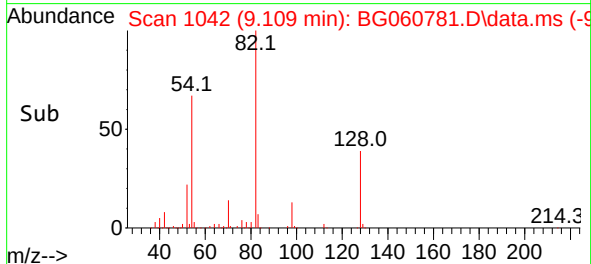
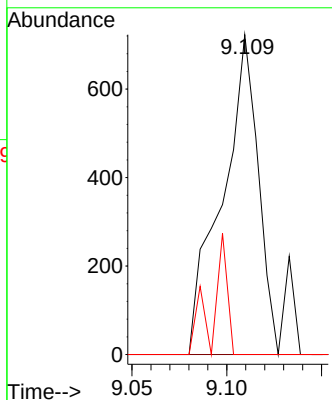
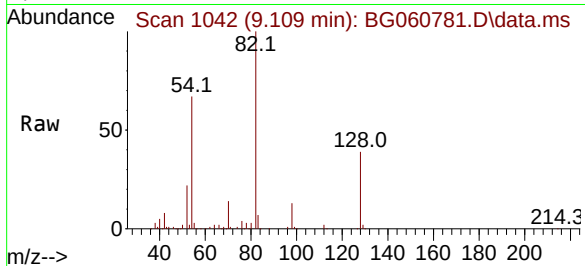




#24
Nitrobenzene
Concen: 2.956 ng
RT: 9.109 min Scan# 1049
Delta R.T. -0.045 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

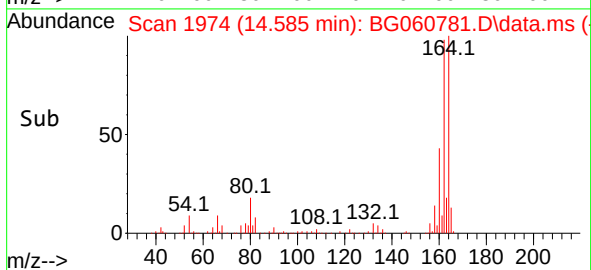
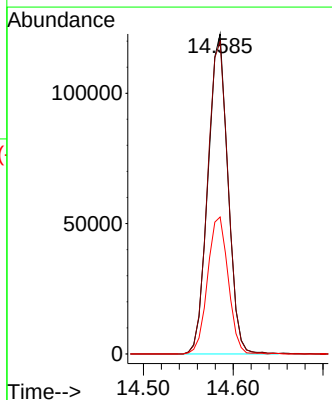
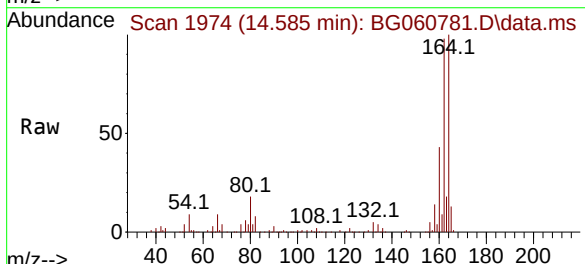
Instrument :
BNA_G
ClientSampleId :
SOIL-1

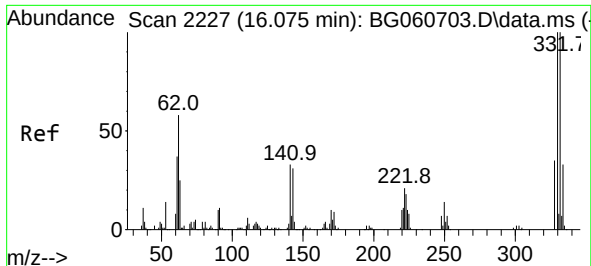
Tgt Ion: 77 Resp: 959
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.585 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:164 Resp: 188922
Ion Ratio Lower Upper
164 100
162 97.6 79.5 119.3
160 42.8 35.4 53.0

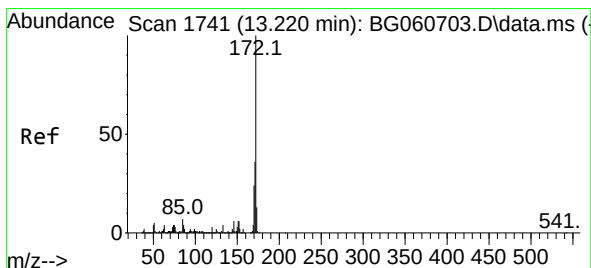
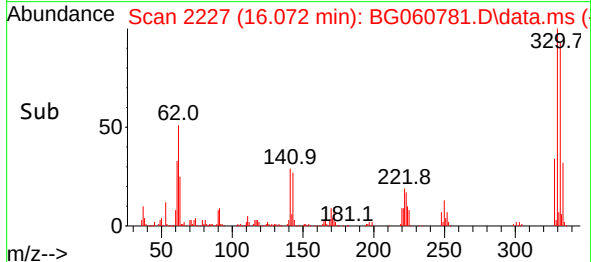
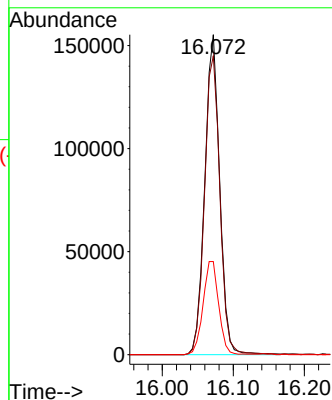
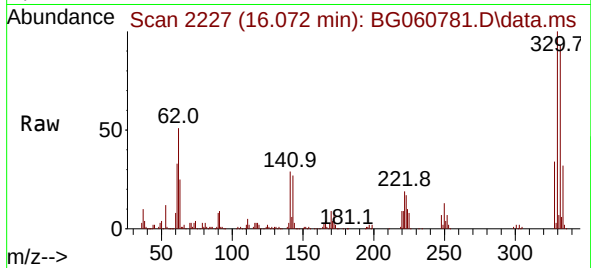




#42
2,4,6-Tribromophenol
Concen: 106.211 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

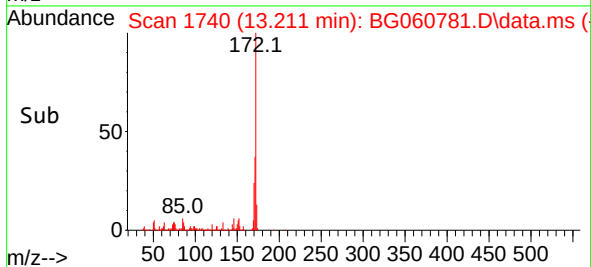
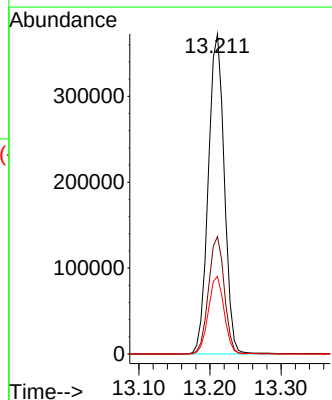
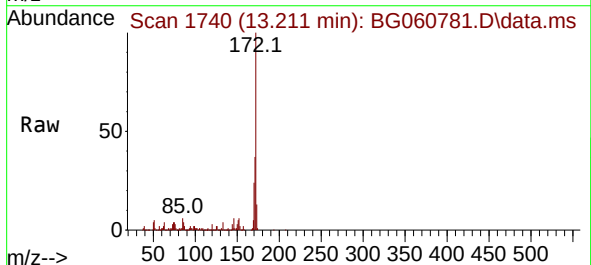
Instrument :
BNA_G
ClientSampleId :
SOIL-1

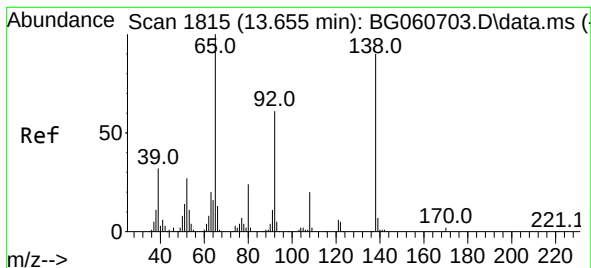
Tgt Ion:330 Resp: 227778
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 30.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 45.227 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:172 Resp: 582193
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.2 19.4 29.0

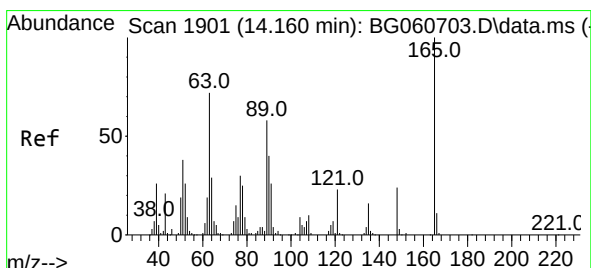
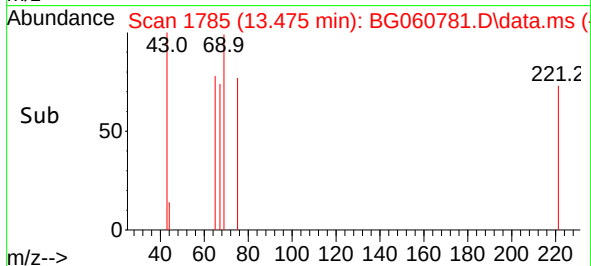
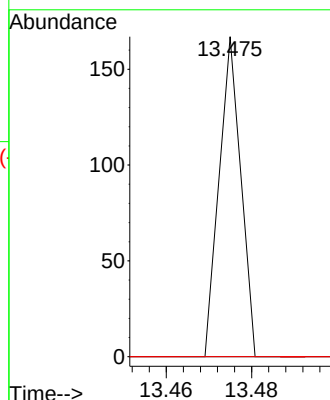
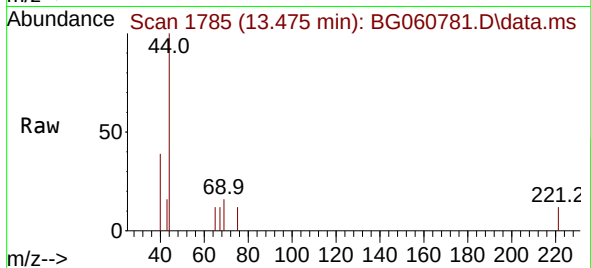




#48
2-Nitroaniline
Concen: 2.810 ng
RT: 13.475 min Scan# 1
Delta R.T. -0.180 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

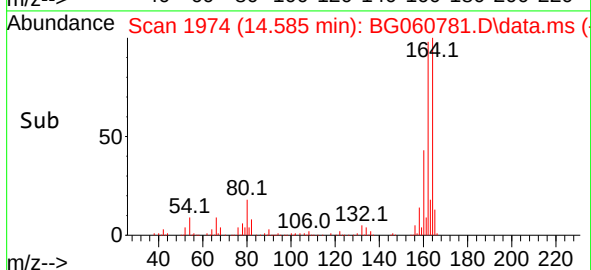
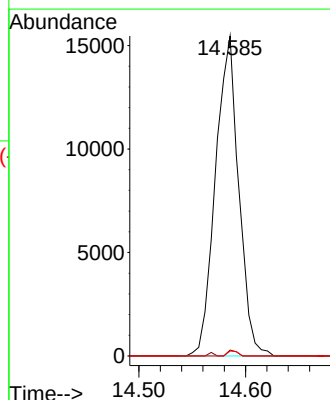
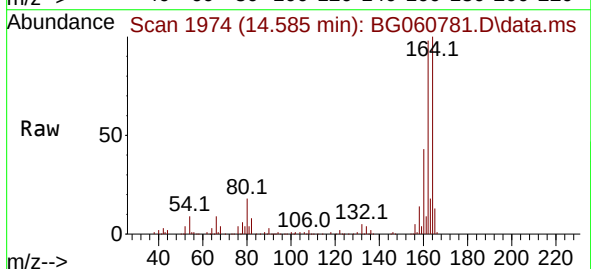
Instrument :
BNA_G
ClientSampleId :
SOIL-1

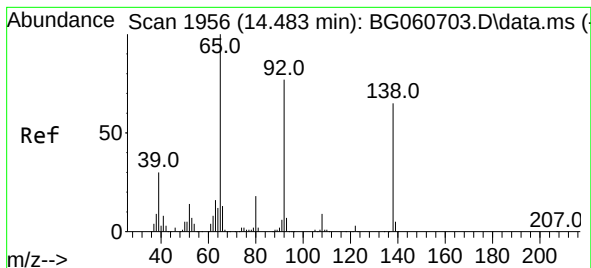
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.602 ng
RT: 14.585 min Scan# 1974
Delta R.T. 0.425 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:165 Resp: 23381
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 1.5 46.1 69.1#

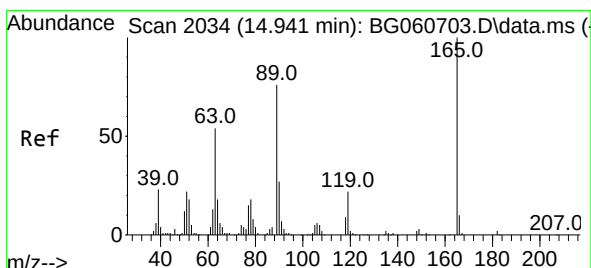
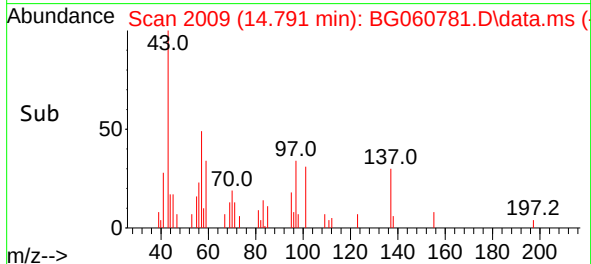
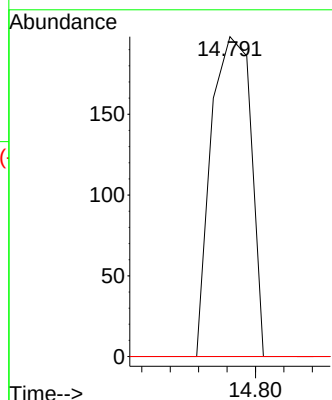
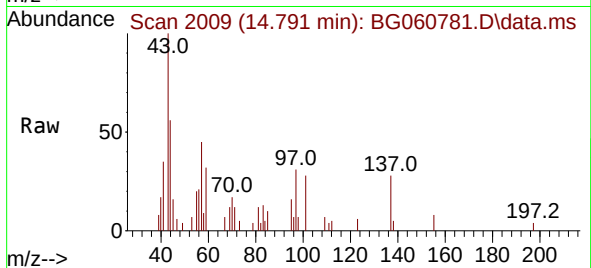




#53
3-Nitroaniline
Concen: 2.913 ng
RT: 14.791 min Scan# 20
Delta R.T. 0.308 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

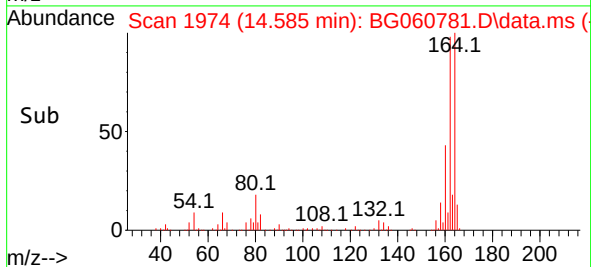
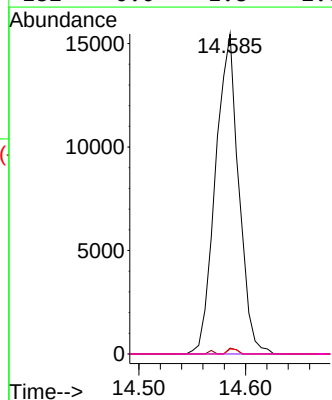
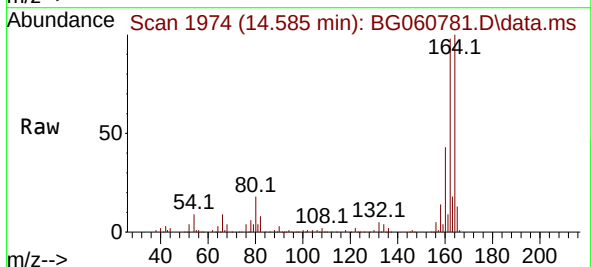
Instrument :
BNA_G
ClientSampleId :
SOIL-1

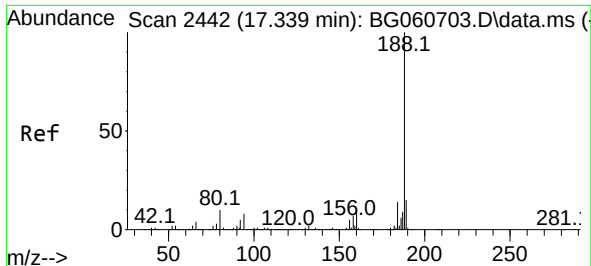
Tgt Ion:138 Resp: 192
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 9.781 ng
RT: 14.585 min Scan# 1974
Delta R.T. -0.356 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:165 Resp: 23381
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 1.5 61.0 91.6#
182 0.0 1.8 2.6#

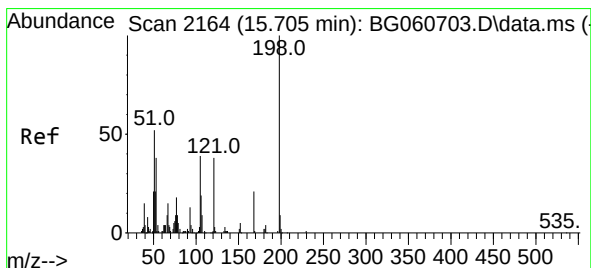
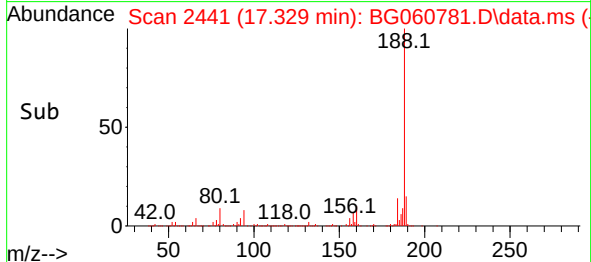
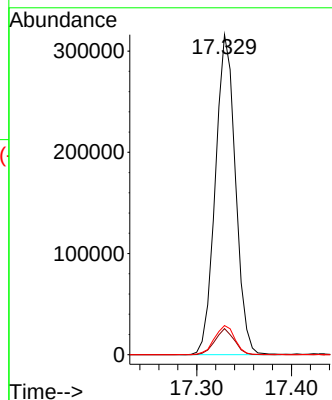
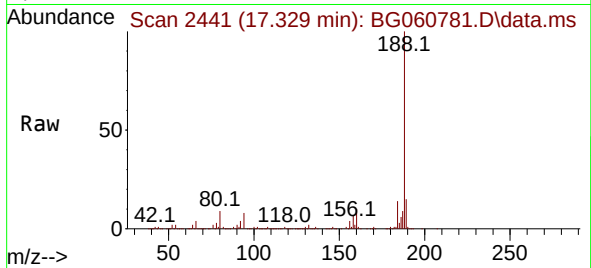




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

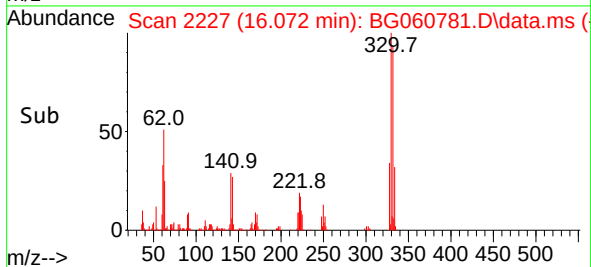
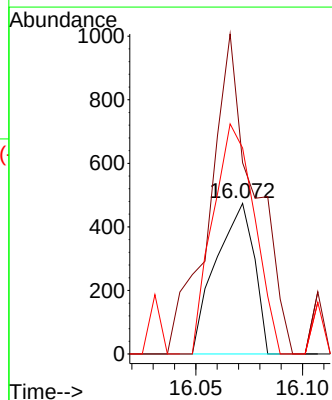
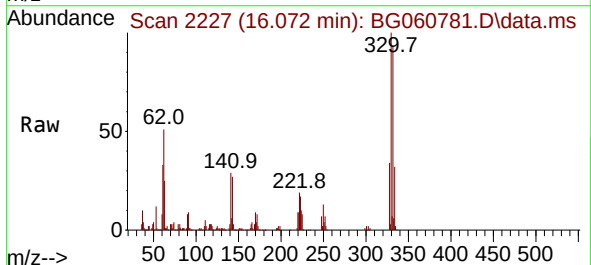
Instrument :
BNA_G
ClientSampleId :
SOIL-1

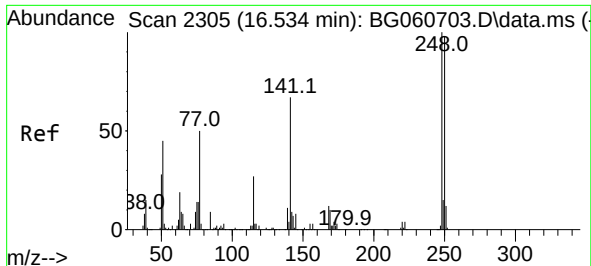
Tgt Ion:188 Resp: 466131
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.296 ng
RT: 16.072 min Scan# 2227
Delta R.T. 0.367 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:198 Resp: 591
Ion Ratio Lower Upper
198 100
51 127.0 36.7 76.7#
105 136.7 19.1 59.1#

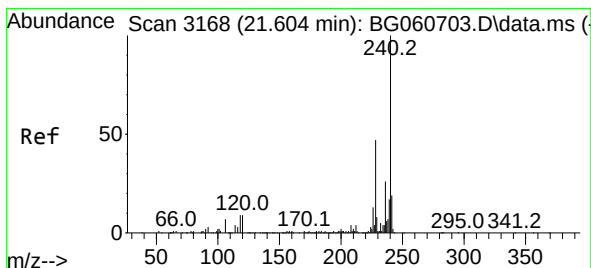
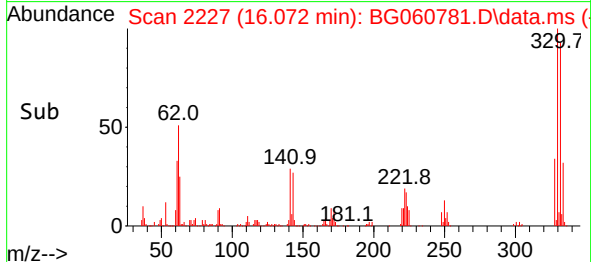
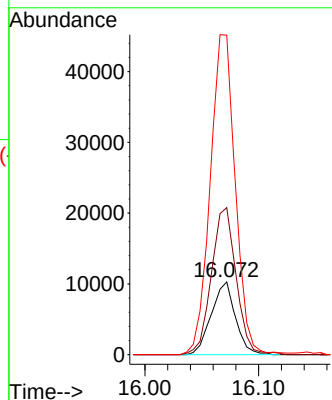
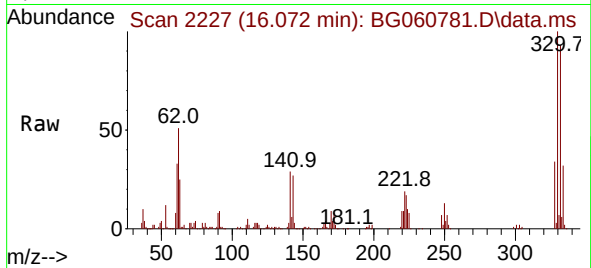




#67
4-Bromophenyl-phenylether
Concen: 3.215 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.462 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

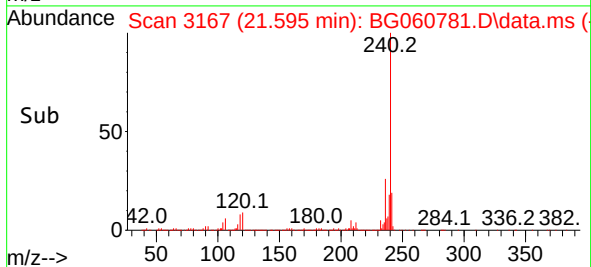
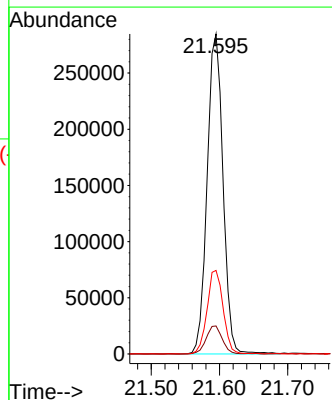
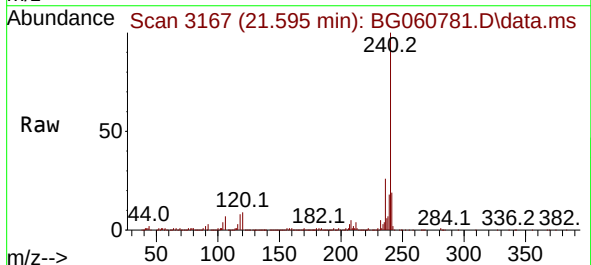
Instrument :
BNA_G
ClientSampleId :
SOIL-1

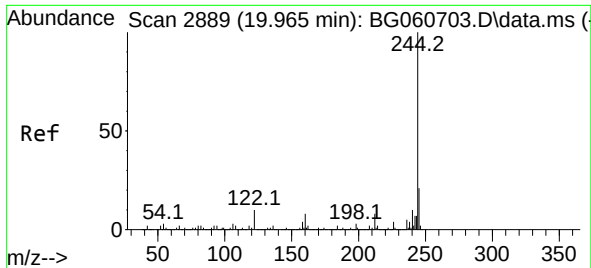
Tgt Ion:248 Resp: 15207
Ion Ratio Lower Upper
248 100
250 201.9 78.3 117.5#
141 438.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:240 Resp: 461322
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.1 20.7 31.1

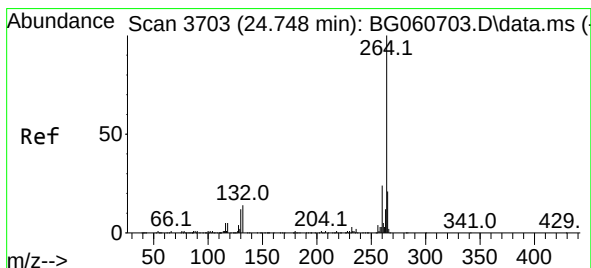
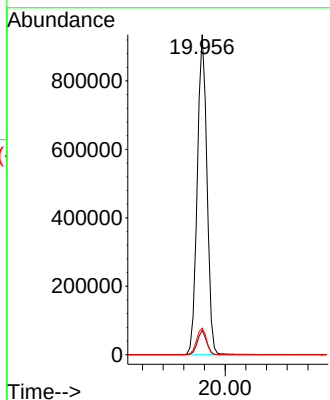
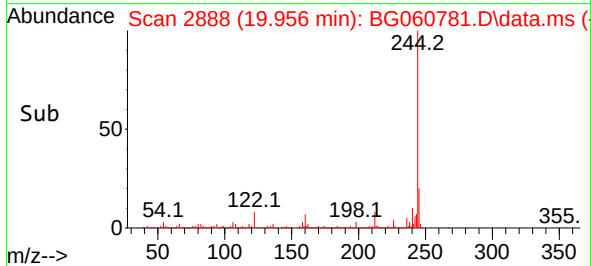
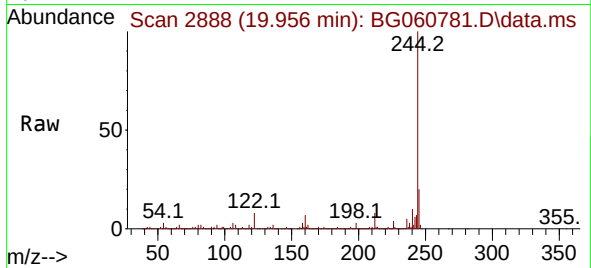




#79
 Terphenyl-d14
 Concen: 46.306 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tgt Ion:244 Resp: 1213185
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

Tgt Ion:264 Resp: 550025
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 23.3 16.9 25.3

