

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060782.D
 Acq On : 4 Apr 2024 17:34
 Operator : MA/JU
 Sample : P1974-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Quant Time: Apr 04 18:05:03 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)

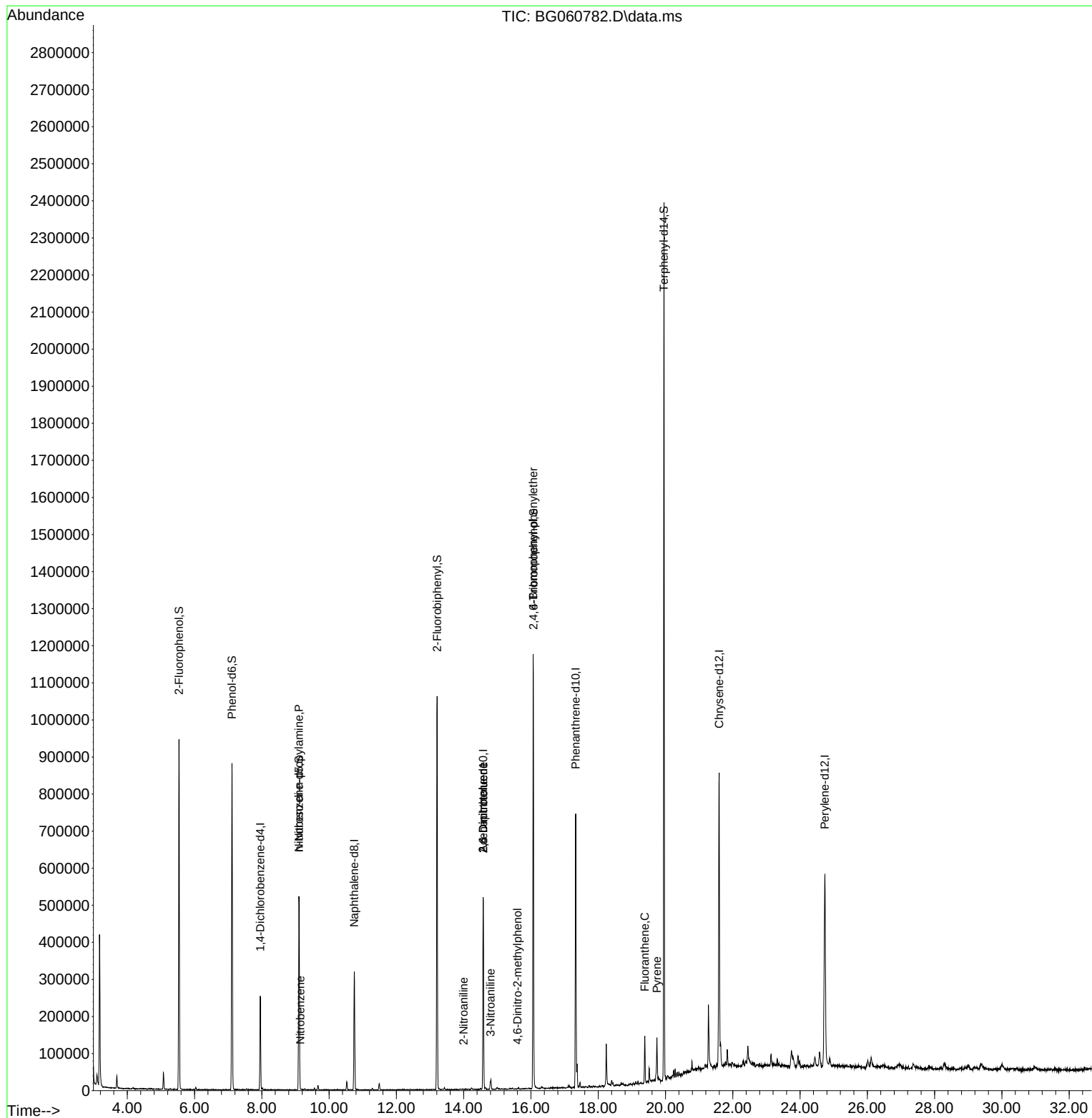
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	66202	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	254552	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	194746	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	470411	20.000	ng	0.00
76) Chrysene-d12	21.595	240	468393	20.000	ng	0.00
86) Perylene-d12	24.738	264	554010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	356254	89.647	ng	0.00
7) Phenol-d6	7.112	99	446428	75.680	ng	0.00
23) Nitrobenzene-d5	9.104	82	283271	63.499	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	227559	102.936	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	561688	42.329	ng	0.00
79) Terphenyl-d14	19.956	244	1175132	44.177	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.104	70	38524	8.564	ng	# 76
24) Nitrobenzene	9.145	77	55	2.783	ng	# 42
48) 2-Nitroaniline	13.998	65	71	2.813	ng	# 11
51) 2,6-Dinitrotoluene	14.580	165	24964	11.893	ng	# 19
53) 3-Nitroaniline	14.797	138	128	2.891	ng	# 1
57) 2,4-Dinitrotoluene	14.580	165	24964	10.013	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.596	198	67	7.063	ng	# 28
67) 4-Bromophenyl-phenylether	16.066	248	15899	3.330	ng	# 1
75) Fluoranthene	19.386	202	75320	2.537	ng	96
78) Pyrene	19.744	202	71136	2.172	ng	96

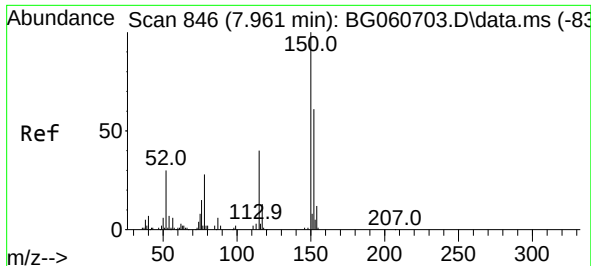
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060782.D
Acq On : 4 Apr 2024 17:34
Operator : MA/JU
Sample : P1974-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-2

Quant Time: Apr 04 18:05:03 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



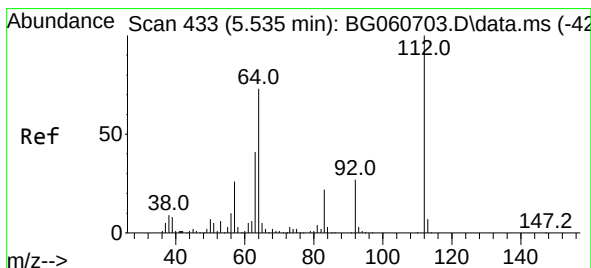
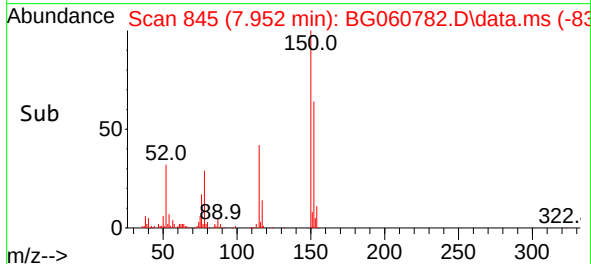
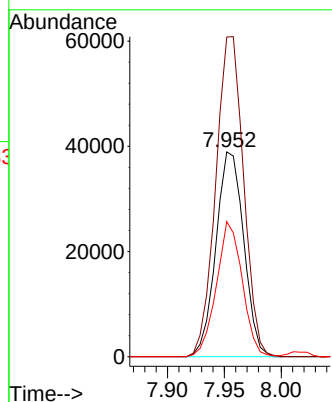
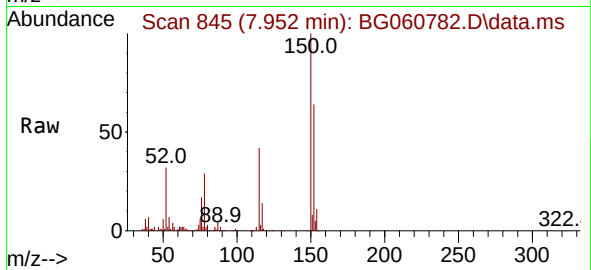


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 846
 Delta R.T. -0.009 min
 Lab File: BG060782.D
 Acq: 4 Apr 2024 17:34

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tgt Ion:152 Resp: 66202

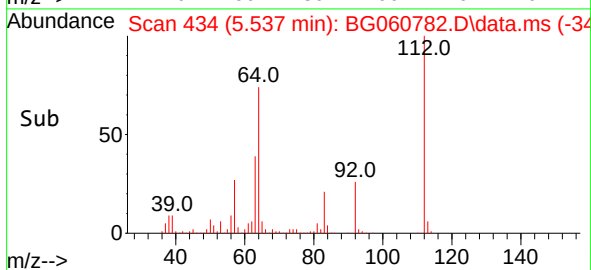
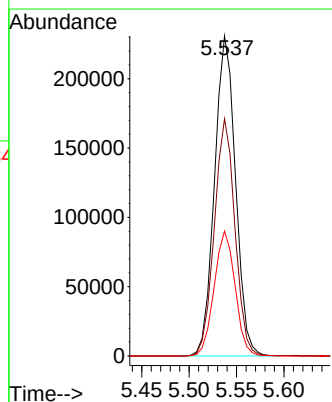
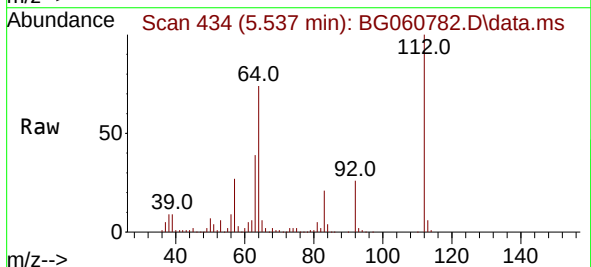
Ion	Ratio	Lower	Upper
152	100		
150	156.0	130.2	195.4
115	65.9	51.6	77.4

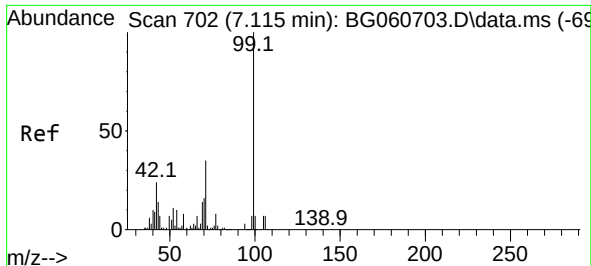


#5
 2-Fluorophenol
 Concen: 89.647 ng
 RT: 5.537 min Scan# 434
 Delta R.T. 0.002 min
 Lab File: BG060782.D
 Acq: 4 Apr 2024 17:34

Tgt Ion:112 Resp: 356254

Ion	Ratio	Lower	Upper
112	100		
64	74.1	58.4	87.6
63	39.0	32.7	49.1

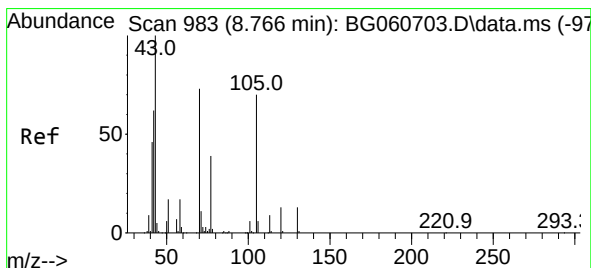
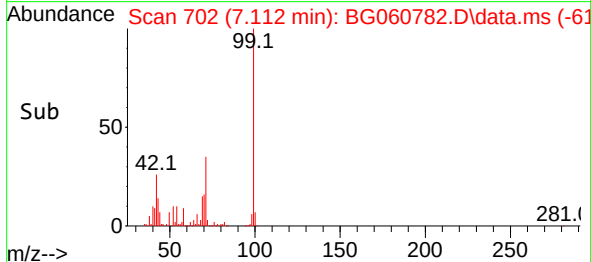
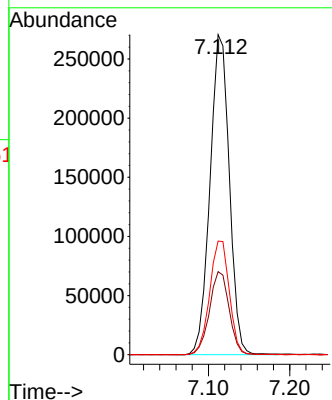
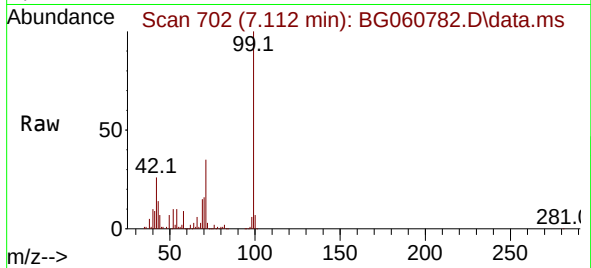




#7
Phenol-d6
Concen: 75.680 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

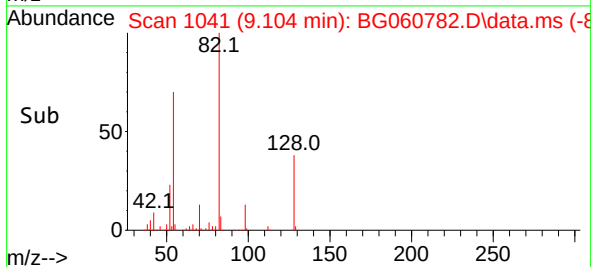
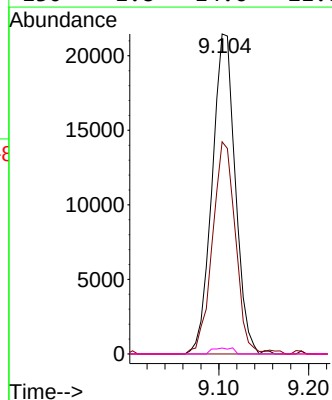
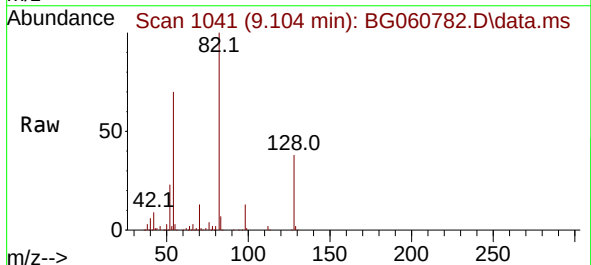
Instrument :
BNA_G
ClientSampleId :
SOIL-2

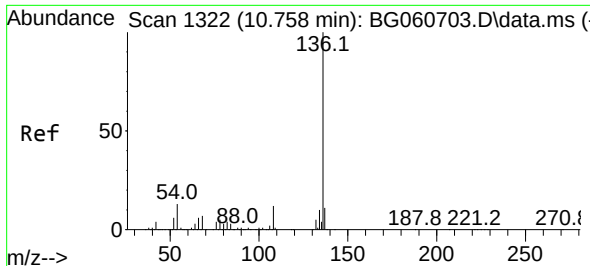
Tgt Ion: 99 Resp: 446428
Ion Ratio Lower Upper
99 100
42 25.9 19.4 29.2
71 35.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.564 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion: 70 Resp: 38524
Ion Ratio Lower Upper
70 100
42 66.3 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#

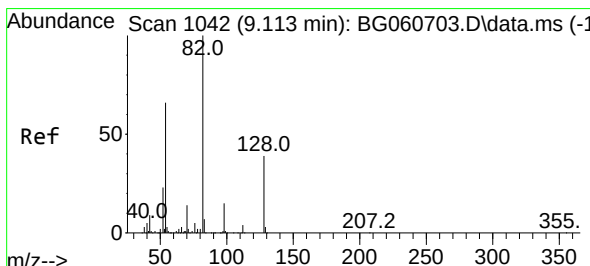
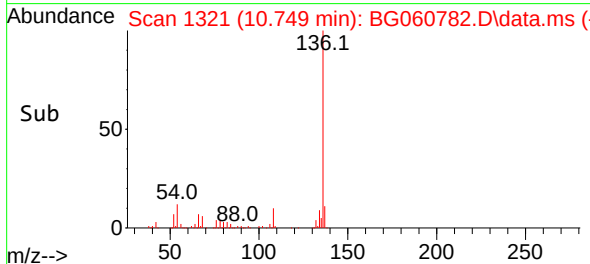
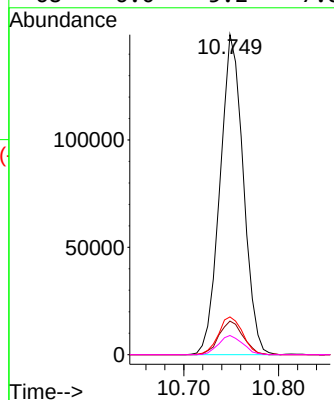
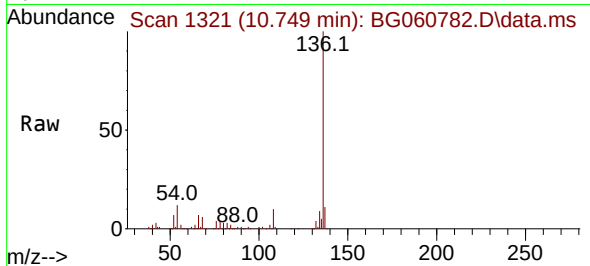




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

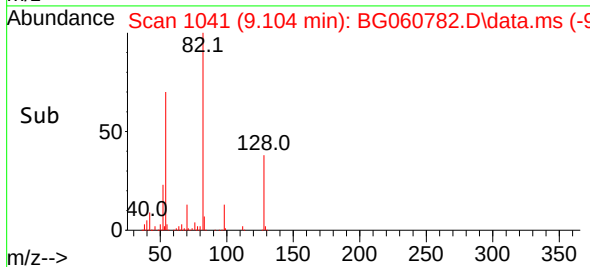
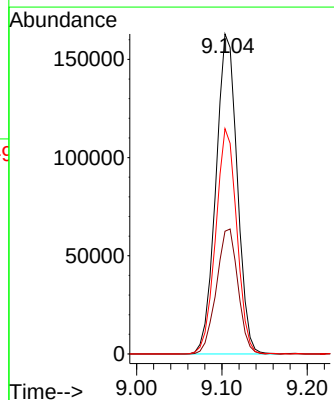
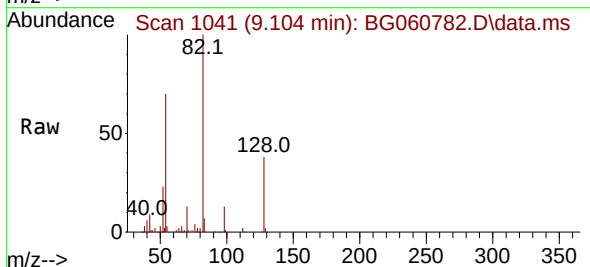
Instrument :
BNA_G
ClientSampleId :
SOIL-2

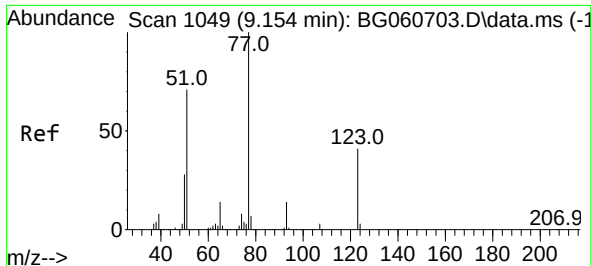
Tgt Ion:	136	Resp:	254552
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	11.8	10.2	15.2
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 63.499 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion:	82	Resp:	283271
Ion Ratio	Lower	Upper	
82	100		
128	38.3	31.2	46.8
54	70.4	53.2	79.8

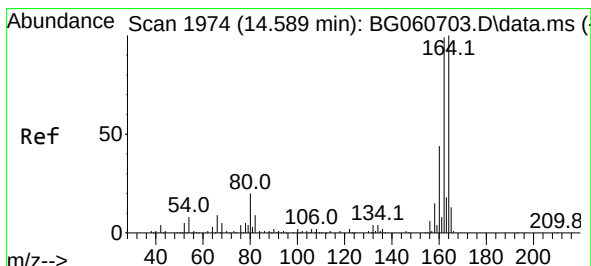
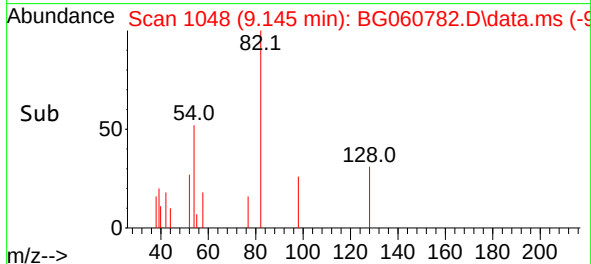
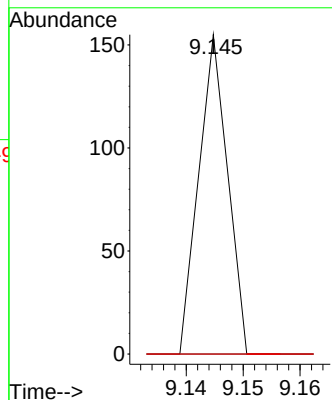
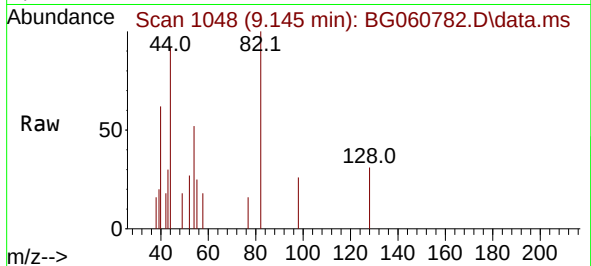




#24
Nitrobenzene
Concen: 2.783 ng
RT: 9.145 min Scan# 1049
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

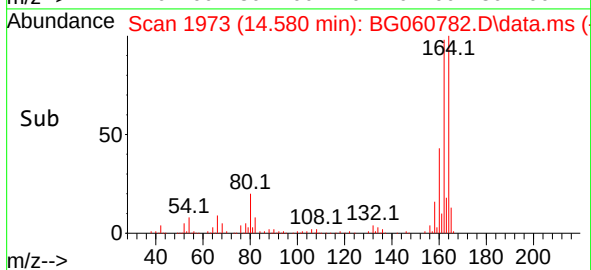
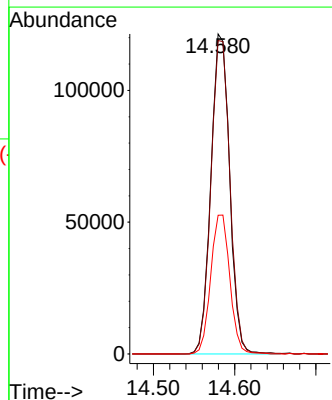
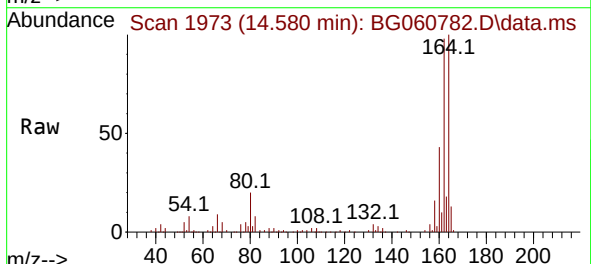
Instrument :
BNA_G
ClientSampleId :
SOIL-2

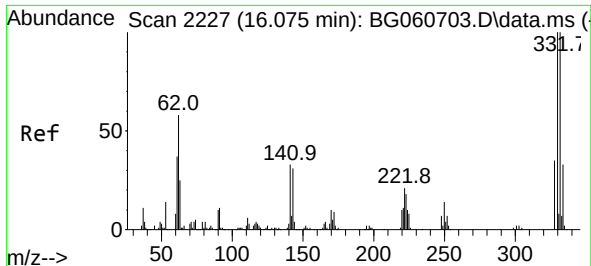
Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion: 164 Resp: 194746
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.936 ng

RT: 16.072 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060782.D

Acq: 4 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

SOIL-2

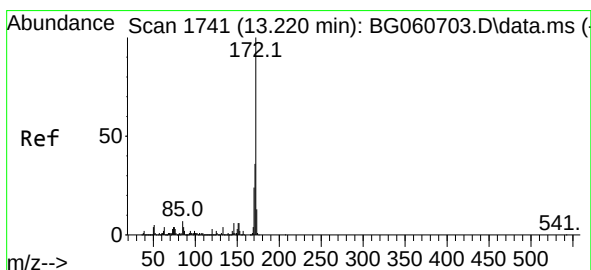
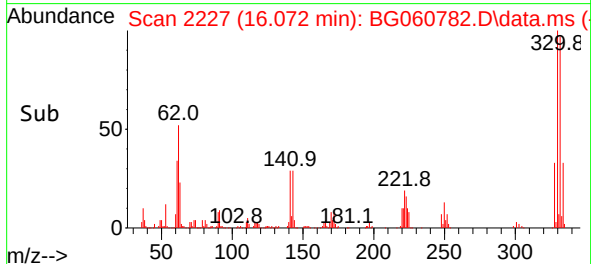
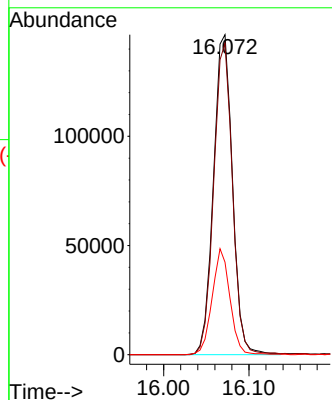
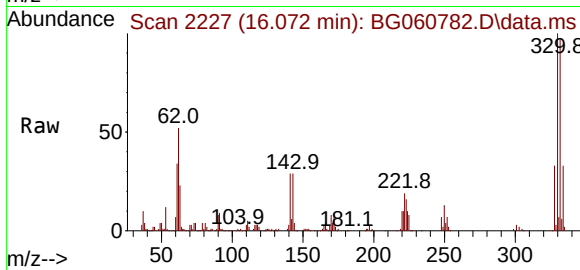
Tgt Ion:330 Resp: 227559

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

141 31.1 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 42.329 ng

RT: 13.211 min Scan# 1740

Delta R.T. -0.009 min

Lab File: BG060782.D

Acq: 4 Apr 2024 17:34

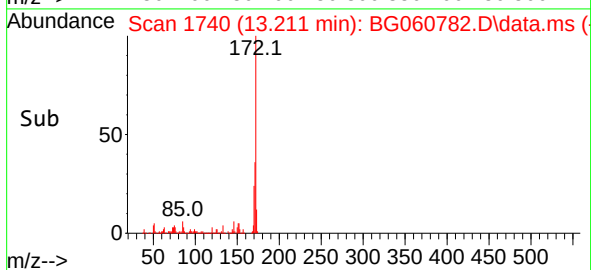
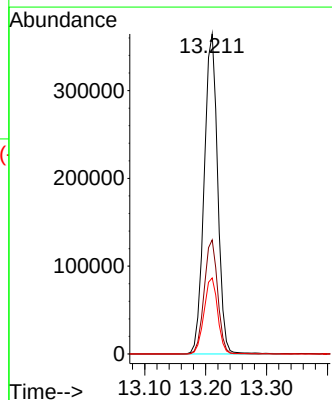
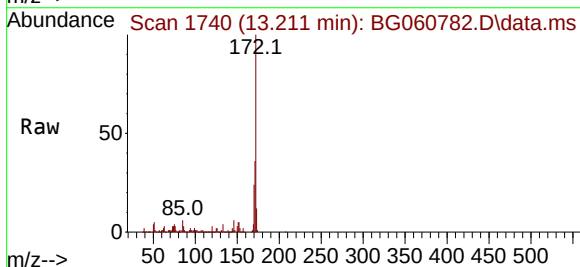
Tgt Ion:172 Resp: 561688

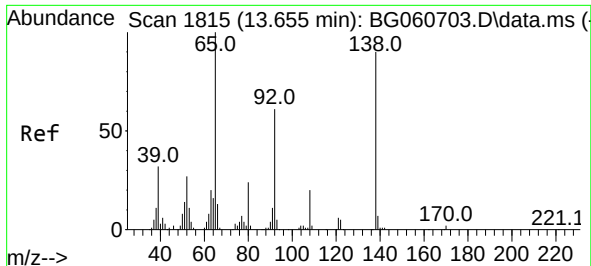
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.8 19.4 29.0

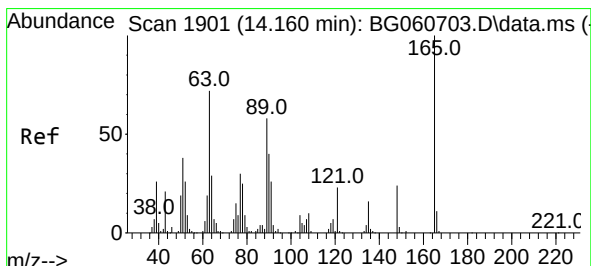
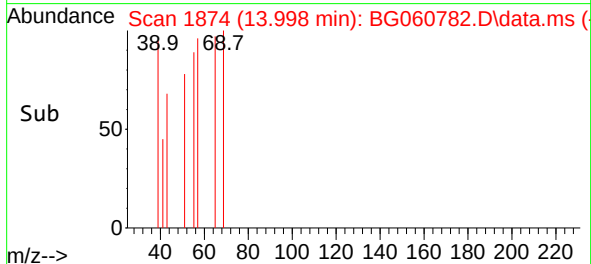
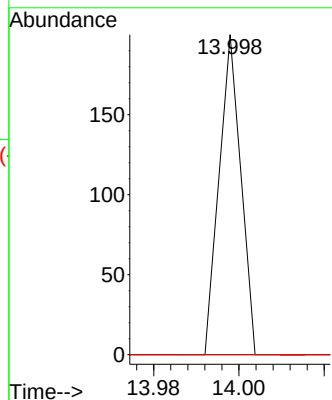
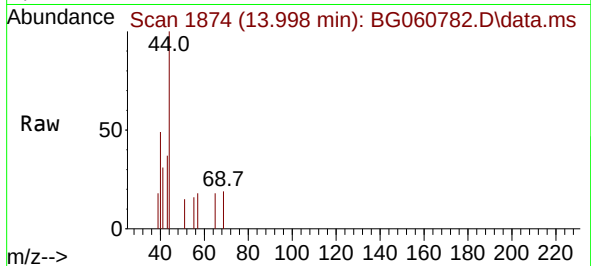




#48
2-Nitroaniline
Concen: 2.813 ng
RT: 13.998 min Scan# 1815
Delta R.T. 0.343 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

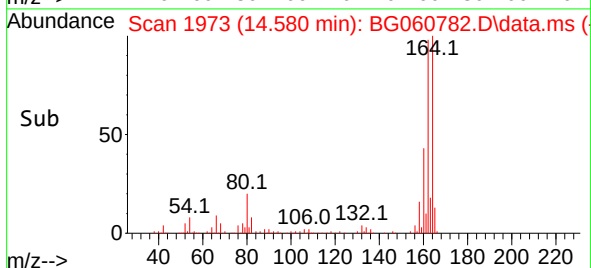
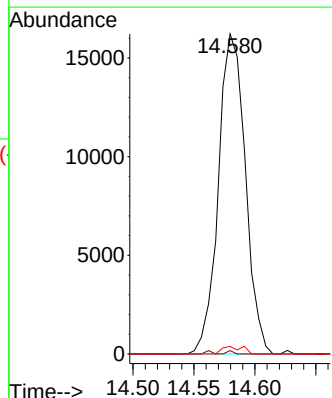
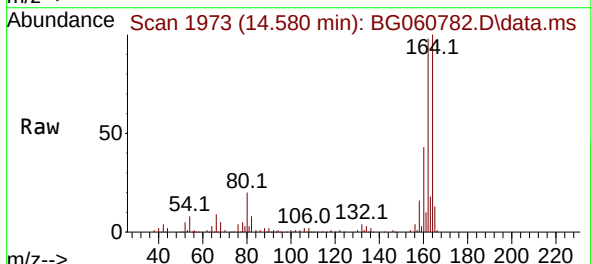
Instrument :
BNA_G
ClientSampleId :
SOIL-2

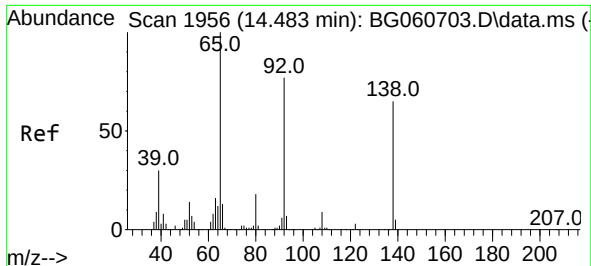
Tgt Ion: 65 Resp: 71
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.893 ng
RT: 14.580 min Scan# 1973
Delta R.T. 0.420 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion: 165 Resp: 24964
Ion Ratio Lower Upper
165 100
63 1.0 58.2 87.4#
89 2.4 46.1 69.1#

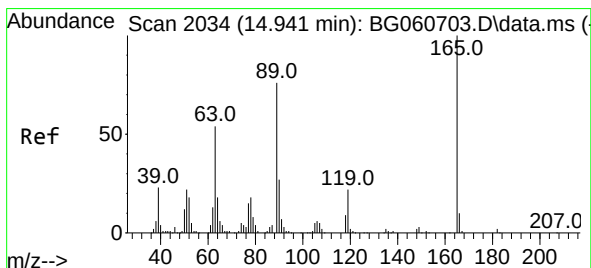
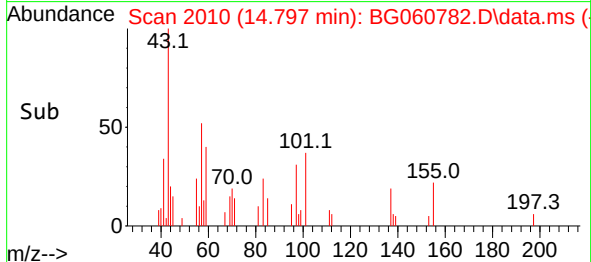
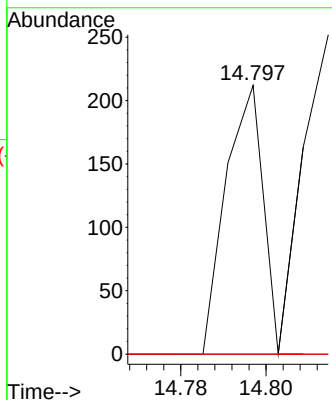
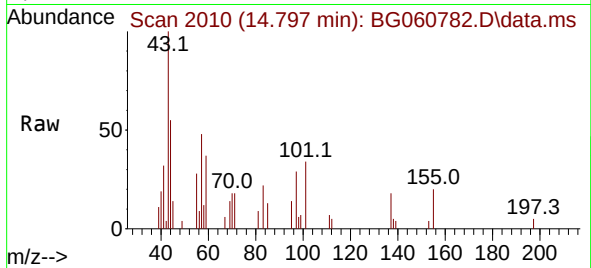




#53
3-Nitroaniline
Concen: 2.891 ng
RT: 14.797 min Scan# 20
Delta R.T. 0.314 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

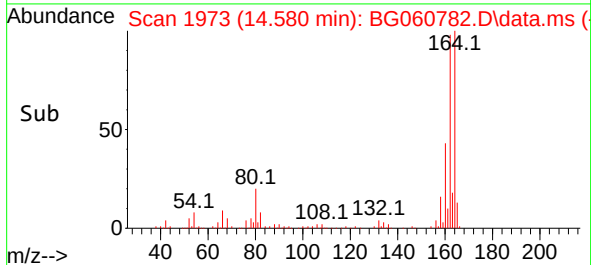
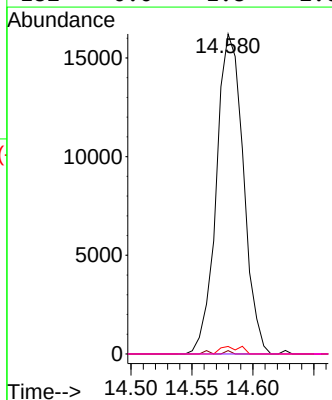
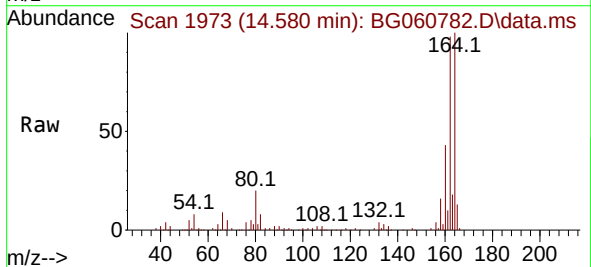
Instrument :
BNA_G
ClientSampleId :
SOIL-2

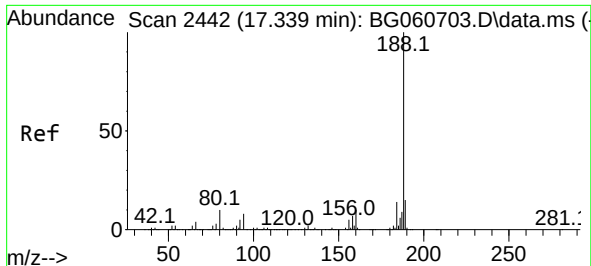
Tgt Ion:138 Resp: 128
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.013 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.361 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion:165 Resp: 24964
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 2.4 61.0 91.6#
182 0.0 1.8 2.6#

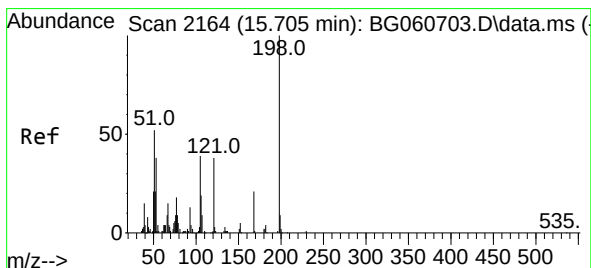
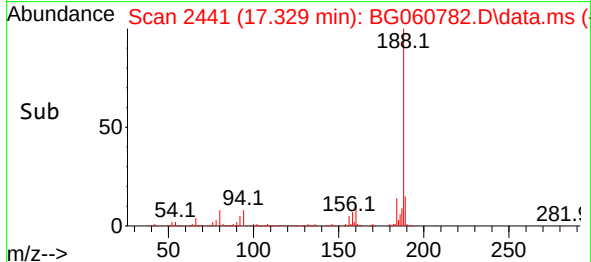
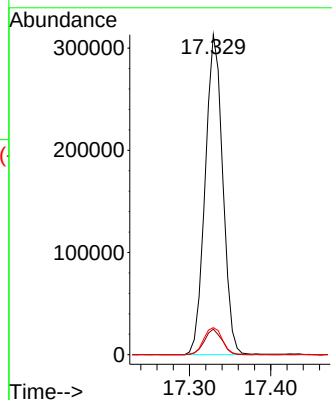
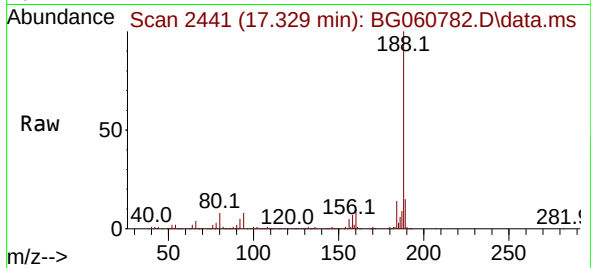




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

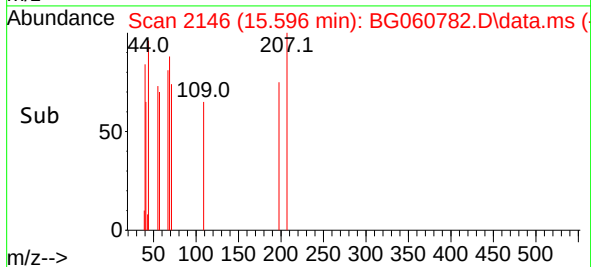
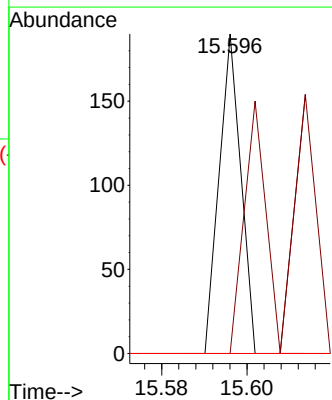
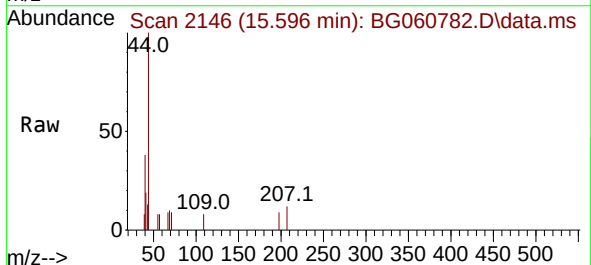
Instrument :
BNA_G
ClientSampleId :
SOIL-2

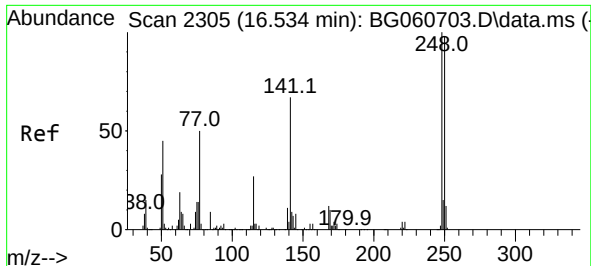
Tgt Ion:188 Resp: 470411
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 8.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.063 ng
RT: 15.596 min Scan# 2146
Delta R.T. -0.109 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 0.0 19.1 59.1#

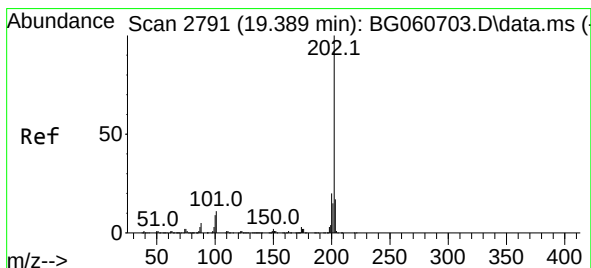
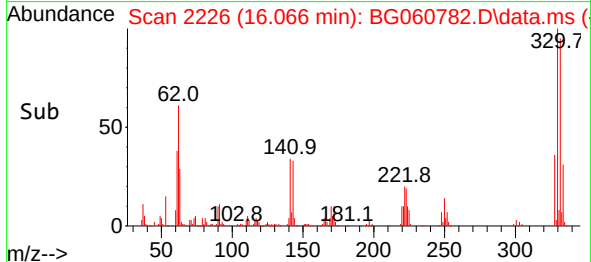
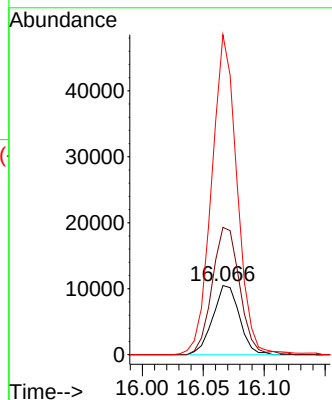
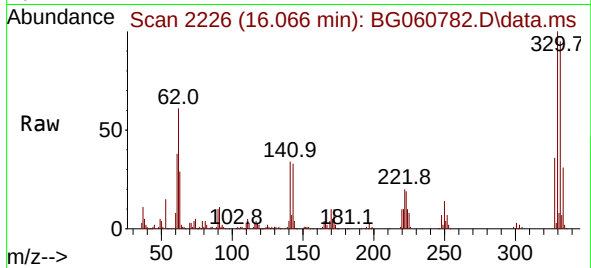




#67
4-Bromophenyl-phenylether
Concen: 3.330 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.468 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

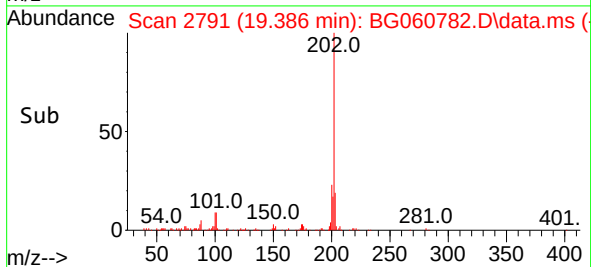
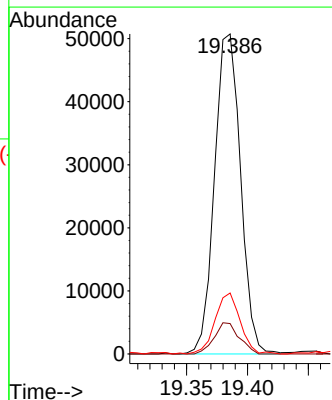
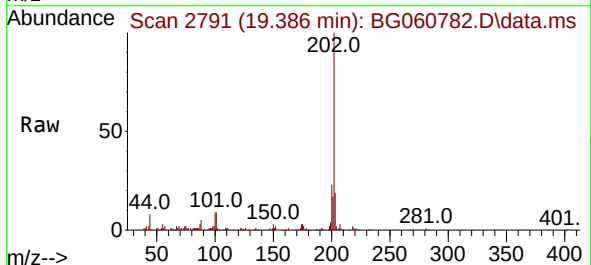
Instrument :
BNA_G
ClientSampleId :
SOIL-2

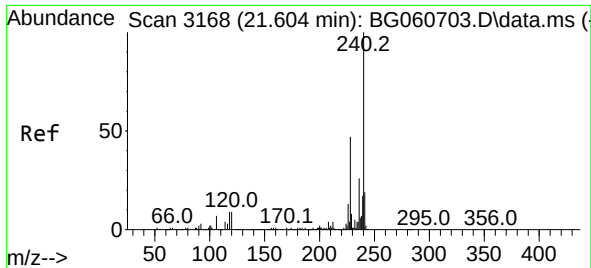
Tgt Ion:248 Resp: 15899
Ion Ratio Lower Upper
248 100
250 184.3 78.3 117.5#
141 463.0 53.7 80.5#



#75
Fluoranthene
Concen: 2.537 ng
RT: 19.386 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion:202 Resp: 75320
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 19.1 0.0 37.4

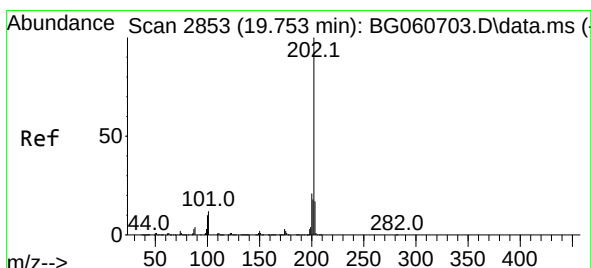
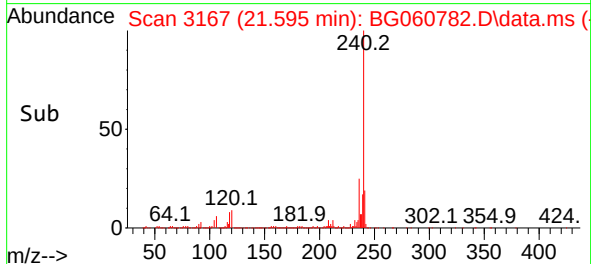
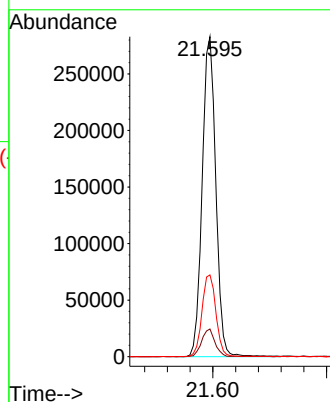
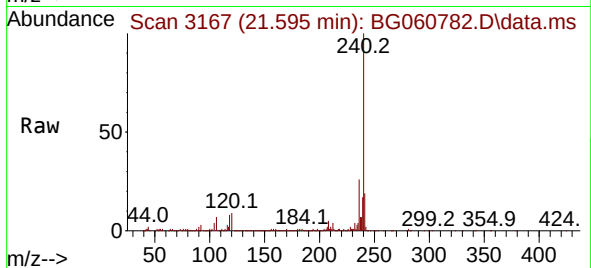




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

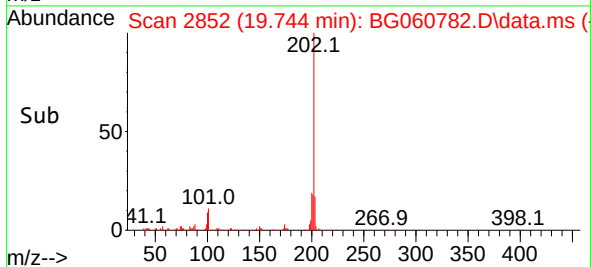
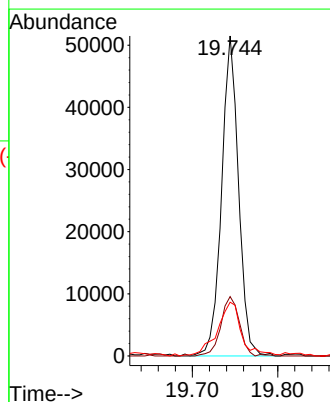
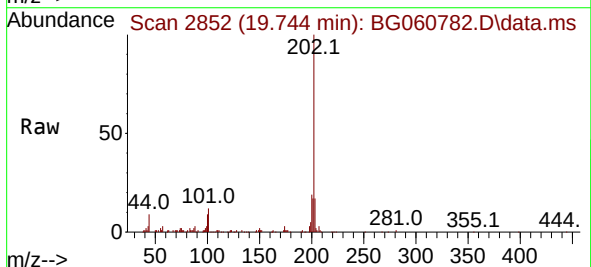
Instrument :
BNA_G
ClientSampleId :
SOIL-2

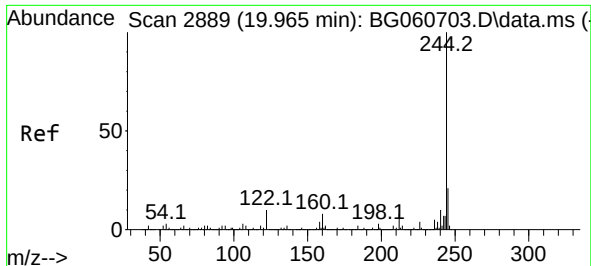
Tgt Ion:240 Resp: 468393
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.6 20.7 31.1



#78
Pyrene
Concen: 2.172 ng
RT: 19.744 min Scan# 2852
Delta R.T. -0.009 min
Lab File: BG060782.D
Acq: 4 Apr 2024 17:34

Tgt Ion:202 Resp: 71136
Ion Ratio Lower Upper
202 100
200 18.5 17.0 25.4
203 16.8 14.0 21.0

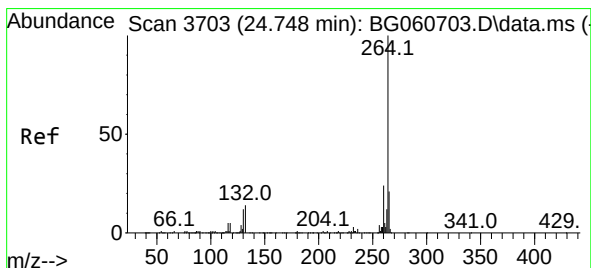
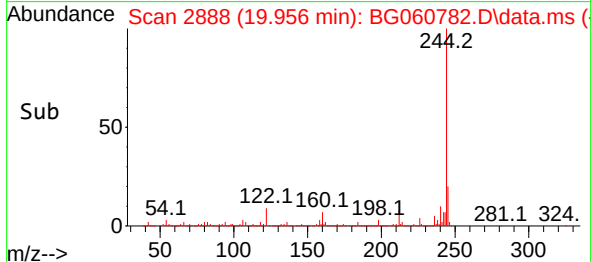
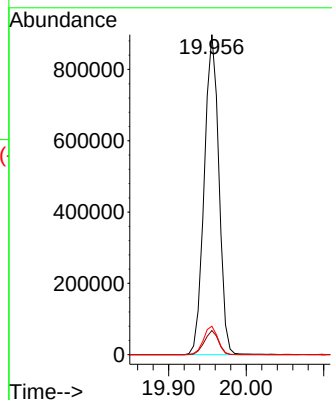
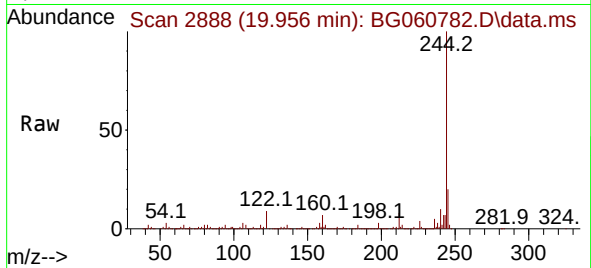




#79
 Terphenyl-d14
 Concen: 44.177 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060782.D
 Acq: 4 Apr 2024 17:34

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tgt Ion:244 Resp: 1175132
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.9 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: BG060782.D
 Acq: 4 Apr 2024 17:34

Tgt Ion:264 Resp: 554010
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.2 16.9 25.3

