

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061026.D
 Acq On : 24 Apr 2024 15:24
 Operator : MA/JU
 Sample : P2228-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

Quant Time: Apr 24 16:08:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	29070	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	104370	20.000	ng	# 0.00
39) Acenaphthene-d10	14.578	164	78714	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	185031	20.000	ng	0.00
76) Chrysene-d12	21.587	240	199640	20.000	ng	0.00
86) Perylene-d12	24.719	264	244085	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	183763	127.866	ng	0.00
7) Phenol-d6	7.122	99	218223	102.339	ng	0.01
23) Nitrobenzene-d5	9.102	82	156826	67.510	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	182537	105.604	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	415100	72.986	ng	0.00
79) Terphenyl-d14	19.942	244	773157	60.114	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	18805	37.808	ng	99
3) Pyridine	3.843	79	47746	31.055	ng	97
4) n-Nitrosodimethylamine	3.761	42	57092	41.288	ng	# 99
6) Aniline	7.275	93	55624	21.704	ng	97
8) 2-Chlorophenol	7.515	128	85822	47.927	ng	95
9) Benzaldehyde	7.087	77	3022	2.755	ng	87
10) Phenol	7.145	94	89045	42.031	ng	95
11) bis(2-Chloroethyl)ether	7.369	93	97996	64.653	ng	90
12) 1,3-Dichlorobenzene	7.839	146	89646	45.144	ng	97
13) 1,4-Dichlorobenzene	7.985	146	91234	44.604	ng	95
14) 1,2-Dichlorobenzene	8.297	146	88146	44.095	ng	98
15) Benzyl Alcohol	8.179	79	77842	38.664	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.461	45	130034	39.410	ng	99
17) 2-Methylphenol	8.391	107	61572	35.994	ng	96
18) Hexachloroethane	9.025	117	32509	44.108	ng	98
19) n-Nitroso-di-n-propyla...	8.749	70	55354	34.833	ng	# 95
20) 3+4-Methylphenols	8.714	107	86284	36.067	ng	94
22) Acetophenone	8.761	105	119231	40.911	ng	# 95
24) Nitrobenzene	9.143	77	92259	41.331	ng	100
25) Isophorone	9.666	82	154243	39.675	ng	99
26) 2-Nitrophenol	9.854	139	43534	41.496	ng	95
27) 2,4-Dimethylphenol	9.919	122	55828	33.200	ng	99
28) bis(2-Chloroethoxy)met...	10.148	93	79895	39.067	ng	94
29) 2,4-Dichlorophenol	10.394	162	80959	41.715	ng	93
30) 1,2,4-Trichlorobenzene	10.606	180	100168	46.778	ng	97
31) Naphthalene	10.794	128	243917	42.688	ng	98
32) Benzoic acid	10.065	122	49846	38.905	ng	# 86
33) 4-Chloroaniline	10.894	127	58048	22.364	ng	97
34) Hexachlorobutadiene	11.082	225	89705	47.635	ng	96
35) Caprolactam	11.669	113	19065	30.841	ng	# 87
36) 4-Chloro-3-methylphenol	12.028	107	87815	38.796	ng	96
37) 2-Methylnaphthalene	12.398	142	178935	39.828	ng	99
38) 1-Methylnaphthalene	12.621	142	167079	39.852	ng	97
40) 1,2,4,5-Tetrachloroben...	12.768	216	148087	52.940	ng	99
41) Hexachlorocyclopentadiene	12.750	237	62826	38.170	ng	98
43) 2,4,6-Trichlorophenol	13.009	196	89941	48.913	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061026.D
 Acq On : 24 Apr 2024 15:24
 Operator : MA/JU
 Sample : P2228-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

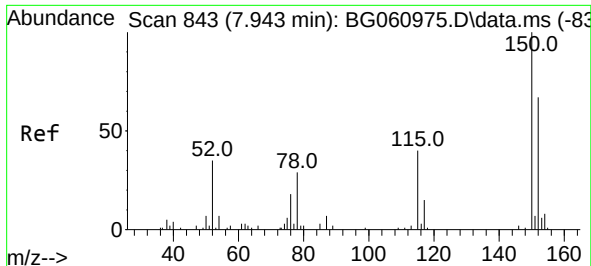
Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

Quant Time: Apr 24 16:08:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	95465	43.890	ng	96
46) 1,1'-Biphenyl	13.409	154	253394	47.791	ng	94
47) 2-Chloronaphthalene	13.450	162	203929	50.164	ng	99
48) 2-Nitroaniline	13.649	65	67921	41.398	ng	98
49) Acenaphthylene	14.296	152	318501	46.520	ng	100
50) Dimethylphthalate	14.031	163	269044	41.450	ng	99
51) 2,6-Dinitrotoluene	14.149	165	55960	41.318	ng	96
52) Acenaphthene	14.642	154	196525	47.239	ng	98
53) 3-Nitroaniline	14.472	138	45270	33.899	ng	94
54) 2,4-Dinitrophenol	14.684	184	34304	41.739	ng	97
55) Dibenzofuran	14.977	168	323299	45.004	ng	99
56) 4-Nitrophenol	14.795	139	85663	89.535	ng	97
57) 2,4-Dinitrotoluene	14.936	165	81389	41.725	ng	96
58) Fluorene	15.624	166	284864	46.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.201	232	95534	43.517	ng	99
60) Diethylphthalate	15.400	149	260432	40.742	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	155295	41.527	ng	99
62) 4-Nitroaniline	15.641	138	52917	36.748	ng	100
63) Azobenzene	15.912	77	212110	40.796	ng	96
65) 4,6-Dinitro-2-methylph...	15.706	198	29039	25.417	ng	92
66) n-Nitrosodiphenylamine	15.829	169	230296	45.176	ng	97
67) 4-Bromophenyl-phenylether	16.511	248	109251	44.739	ng	97
68) Hexachlorobenzene	16.634	284	134034	49.692	ng	98
69) Atrazine	16.787	200	98706	51.735	ng	95
70) Pentachlorophenol	16.975	266	171320	96.862	ng	96
71) Phenanthrene	17.369	178	851693	90.178	ng	99
72) Anthracene	17.457	178	590433	60.700	ng	97
73) Carbazole	17.727	167	418336	51.785	ng	97
74) Di-n-butylphthalate	18.291	149	412593	42.067	ng	100
75) Fluoranthene	19.384	202	1397986	111.534	ng	97
77) Benzidine	19.560	184	213011	57.584	ng	99
78) Pyrene	19.742	202	1269669	93.403	ng	99
80) Butylbenzylphthalate	20.635	149	191819	42.337	ng	97
81) Benzo(a)anthracene	21.570	228	1063623	75.779	ng	97
82) 3,3'-Dichlorobenzidine	21.481	252	196080	38.655	ng	99
83) Chrysene	21.634	228	968089	72.444	ng	98
84) Bis(2-ethylhexyl)phtha...	21.493	149	272555	41.377	ng	99
85) Di-n-octyl phthalate	22.674	149	469272	42.910	ng	99
87) Indeno(1,2,3-cd)pyrene	28.279	276	734097	43.355	ng	# 94
88) Benzo(b)fluoranthene	23.738	252	992658	71.765	ng	99
89) Benzo(k)fluoranthene	23.796	252	836770	59.926	ng	99
90) Benzo(a)pyrene	24.578	252	865003	64.608	ng	99
91) Dibenzo(a,h)anthracene	28.332	278	530596	38.355	ng	99
92) Benzo(g,h,i)perylene	29.384	276	500386	36.480	ng	99

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

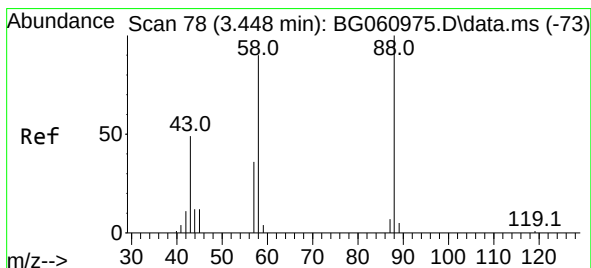
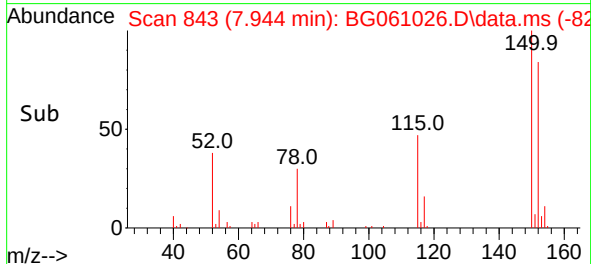
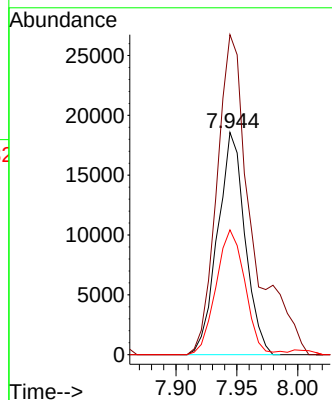
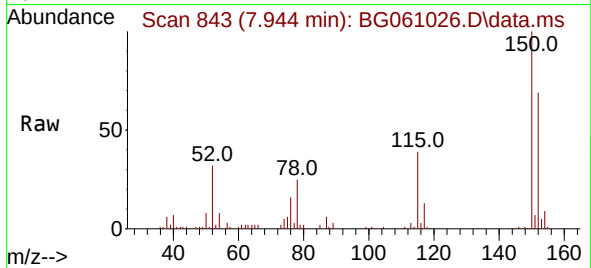
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

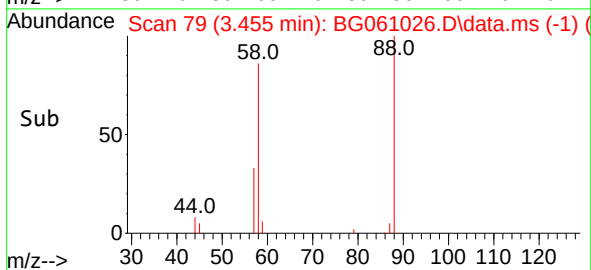
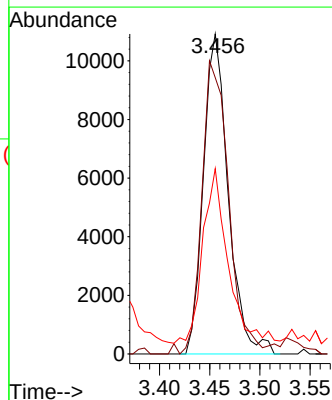
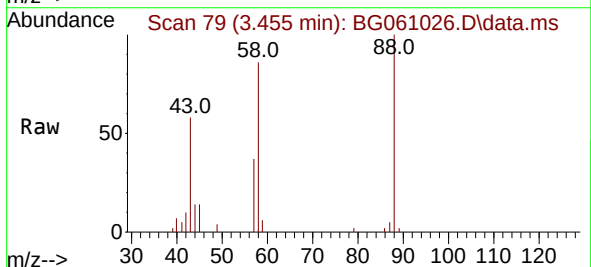
Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

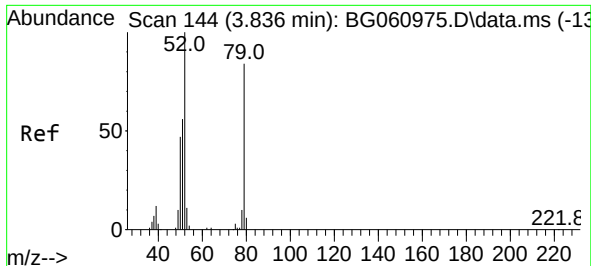
Tgt Ion:152 Resp: 29070
 Ion Ratio Lower Upper
 152 100
 150 144.0 118.6 178.0
 115 56.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 37.808 ng
 RT: 3.455 min Scan# 79
 Delta R.T. 0.007 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

Tgt Ion: 88 Resp: 18805
 Ion Ratio Lower Upper
 88 100
 58 99.1 80.2 120.2
 43 55.0 43.4 65.0





#3

Pyridine

Concen: 31.055 ng

RT: 3.843 min Scan# 14

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

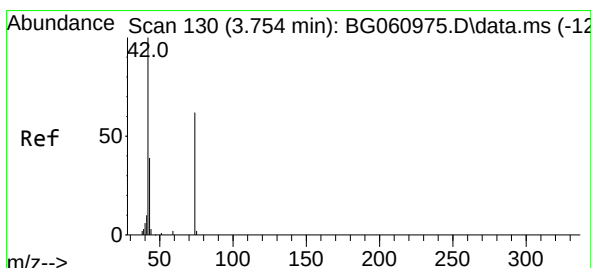
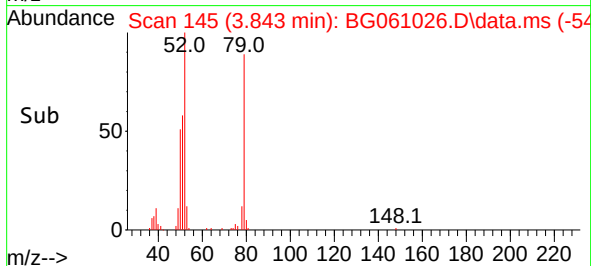
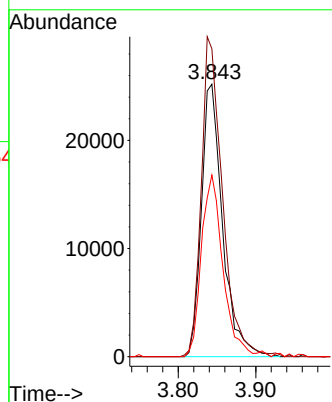
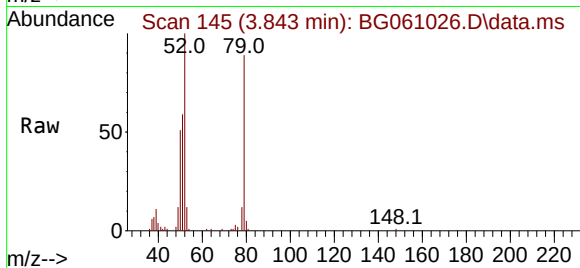
Tgt Ion: 79 Resp: 47746

Ion Ratio Lower Upper

79 100

52 113.0 95.0 142.6

51 66.7 53.3 79.9



#4

n-Nitrosodimethylamine

Concen: 41.288 ng

RT: 3.761 min Scan# 131

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

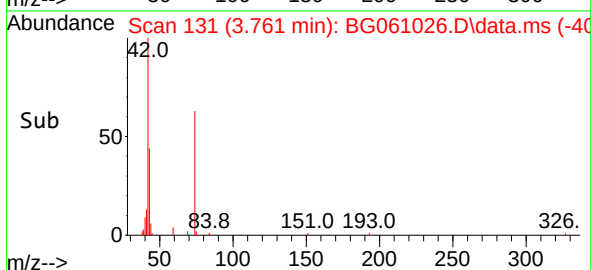
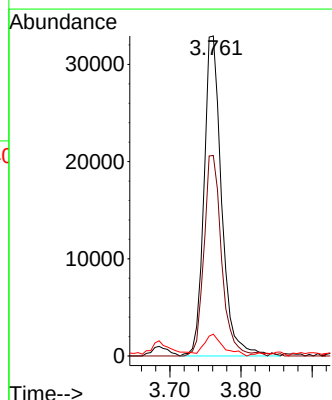
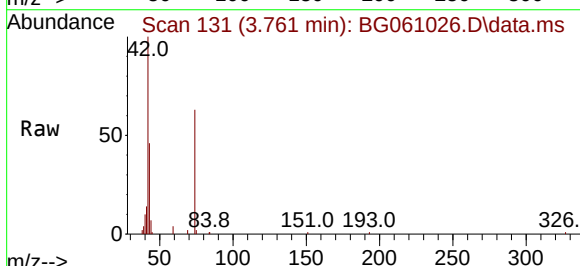
Tgt Ion: 42 Resp: 57092

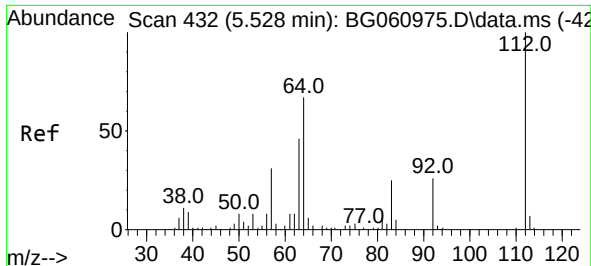
Ion Ratio Lower Upper

42 100

74 62.7 49.8 74.6

44 6.8 3.8 5.6#

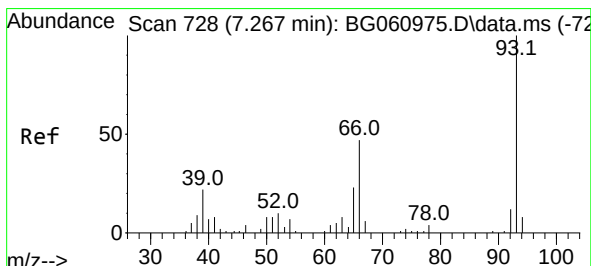
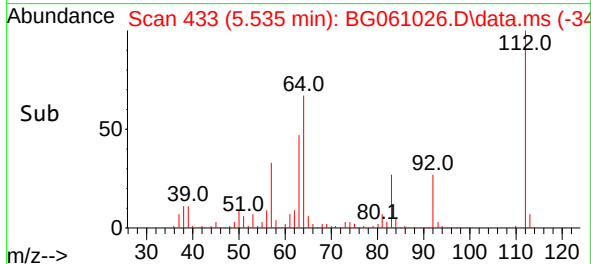
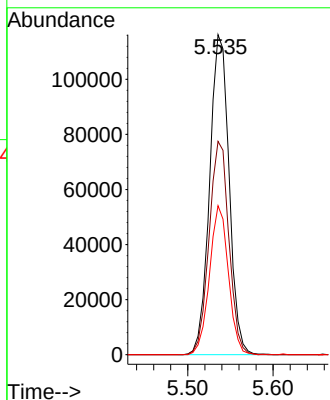
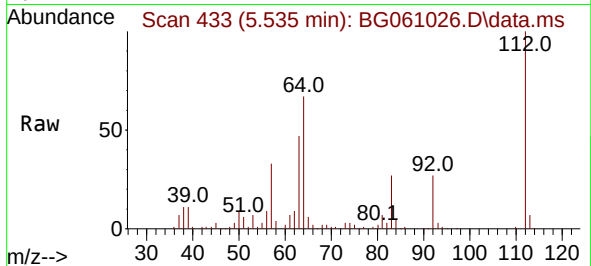




#5
2-Fluorophenol
Concen: 127.866 ng
RT: 5.535 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

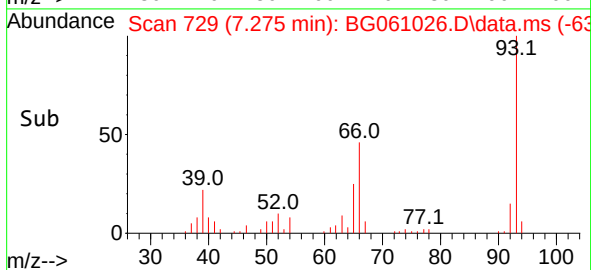
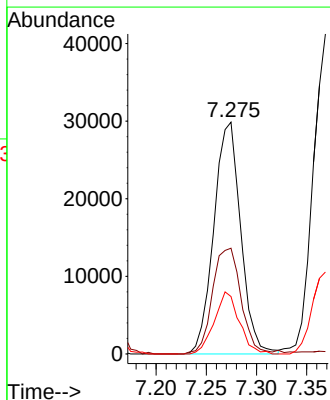
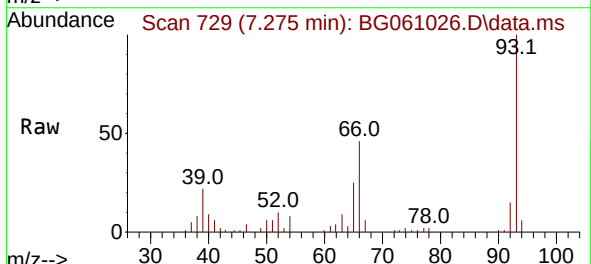
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

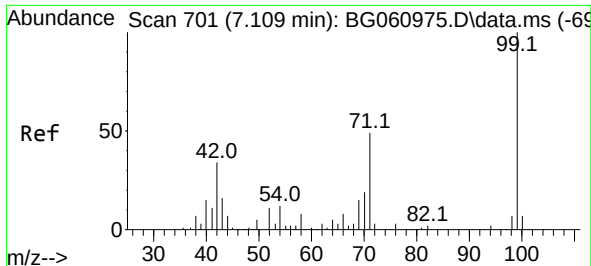
Tgt Ion:112 Resp: 183763
Ion Ratio Lower Upper
112 100
64 66.7 53.7 80.5
63 46.6 37.0 55.6



#6
Aniline
Concen: 21.704 ng
RT: 7.275 min Scan# 729
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 93 Resp: 55624
Ion Ratio Lower Upper
93 100
66 45.6 37.9 56.9
65 24.8 18.2 27.4

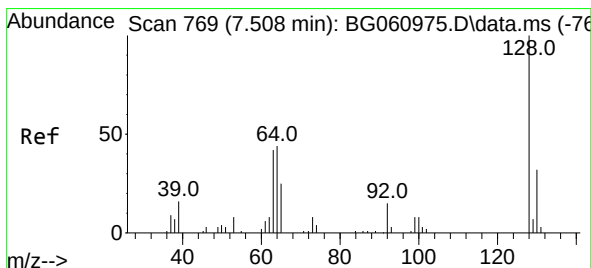
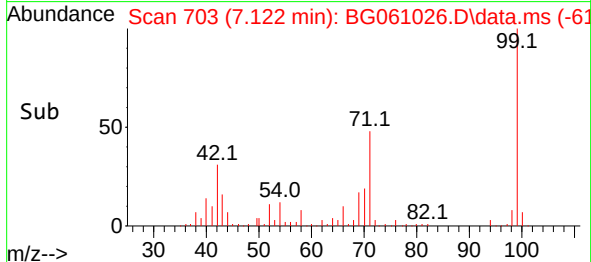
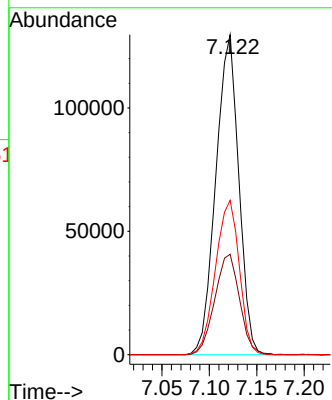
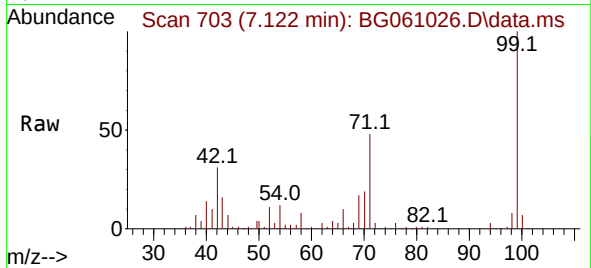




#7
Phenol-d6
Concen: 102.339 ng
RT: 7.122 min Scan# 701
Delta R.T. 0.013 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

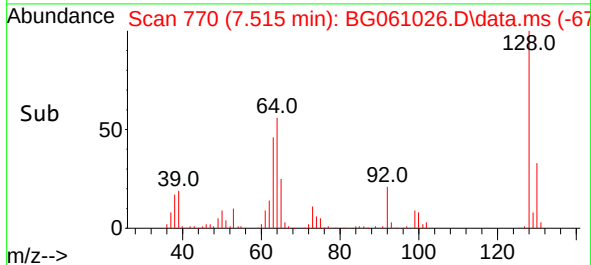
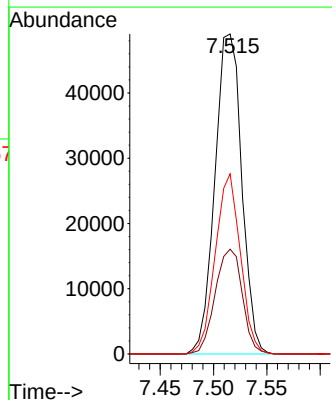
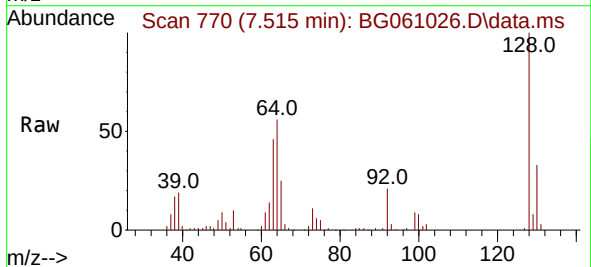
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

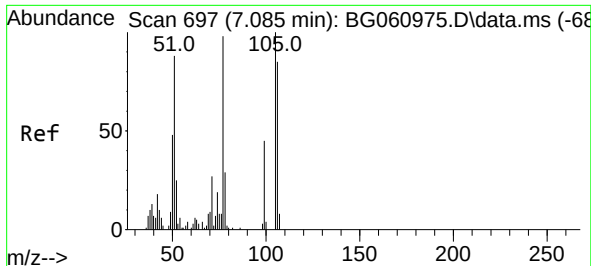
Tgt Ion: 99 Resp: 218223
Ion Ratio Lower Upper
99 100
42 31.4 27.2 40.8
71 48.2 38.8 58.2



#8
2-Chlorophenol
Concen: 47.927 ng
RT: 7.515 min Scan# 770
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:128 Resp: 85822
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 56.3 30.8 70.8

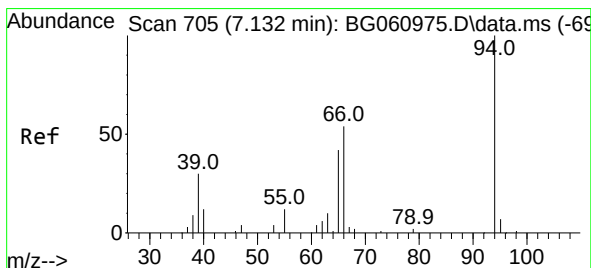
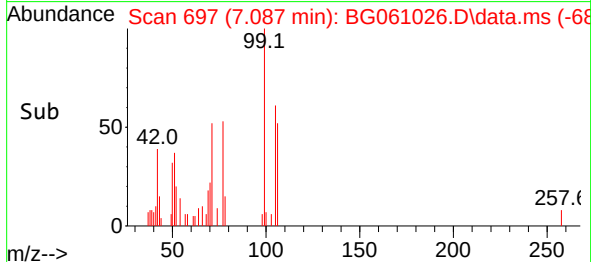
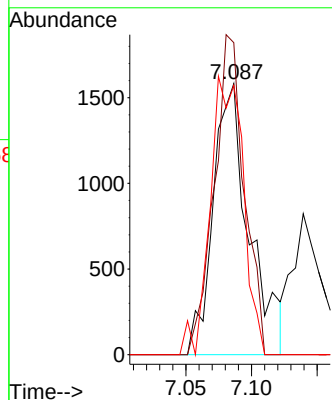
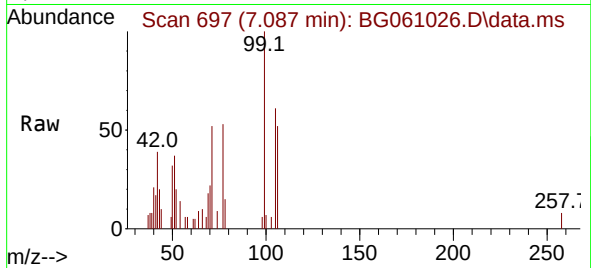




#9
Benzaldehyde
Concen: 2.755 ng
RT: 7.087 min Scan# 697
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

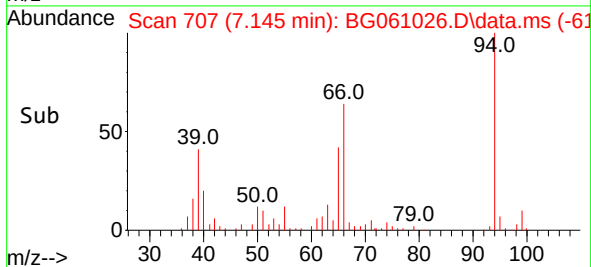
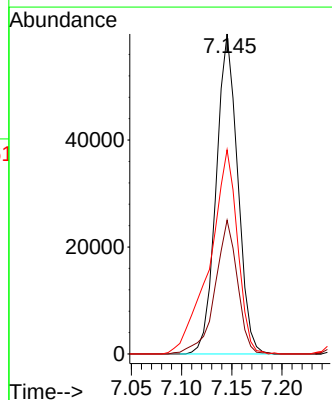
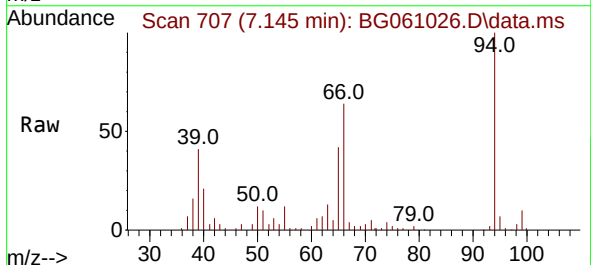
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

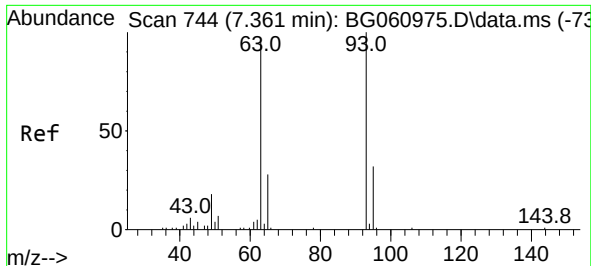
Tgt Ion: 77 Resp: 3022
Ion Ratio Lower Upper
77 100
105 115.1 81.7 121.7
106 99.4 66.7 106.7



#10
Phenol
Concen: 42.031 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.013 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 94 Resp: 89045
Ion Ratio Lower Upper
94 100
65 41.8 23.1 63.1
66 63.8 38.0 78.0

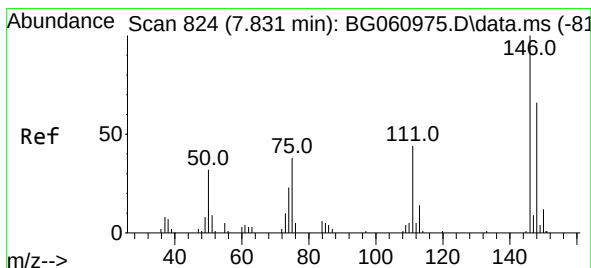
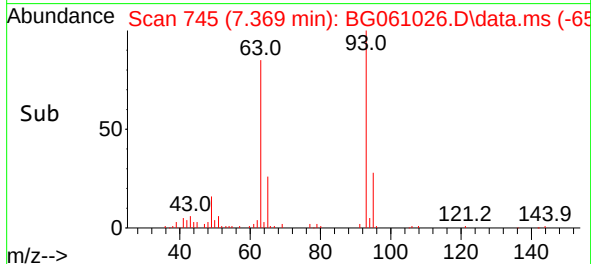
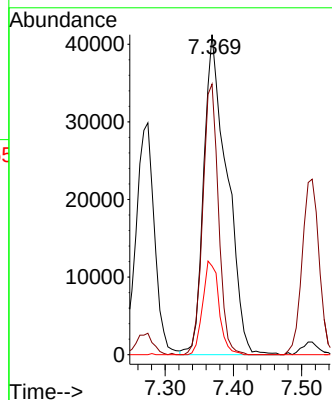
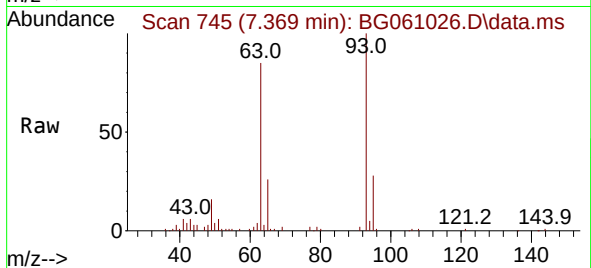




#11
bis(2-Chloroethyl)ether
Concen: 64.653 ng
RT: 7.369 min Scan# 744
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

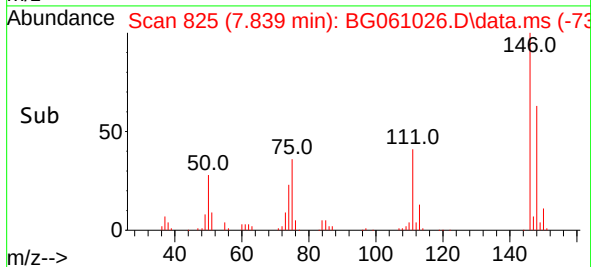
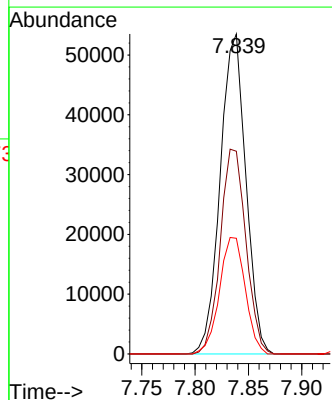
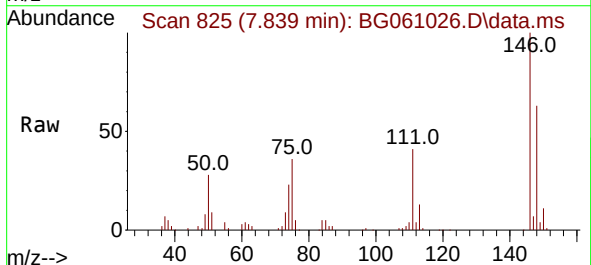
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

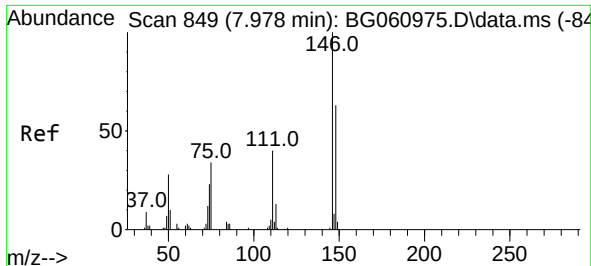
Tgt Ion: 93 Resp: 97996
Ion Ratio Lower Upper
93 100
63 84.6 75.6 115.6
95 27.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.144 ng
RT: 7.839 min Scan# 825
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:146 Resp: 89646
Ion Ratio Lower Upper
146 100
148 63.3 52.7 79.1
75 36.1 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 44.604 ng

RT: 7.985 min Scan# 849

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

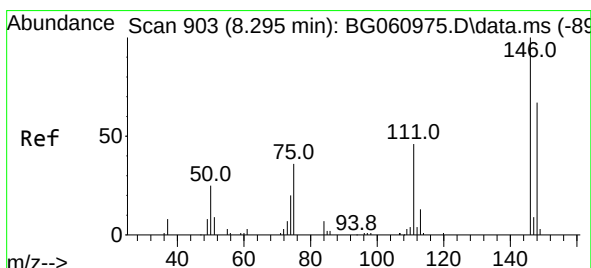
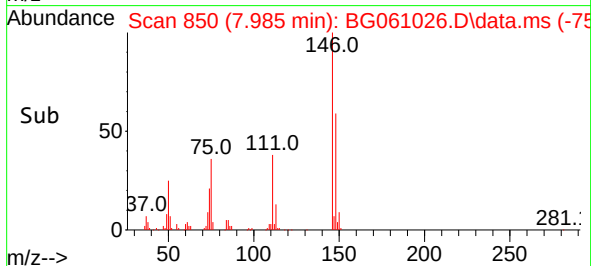
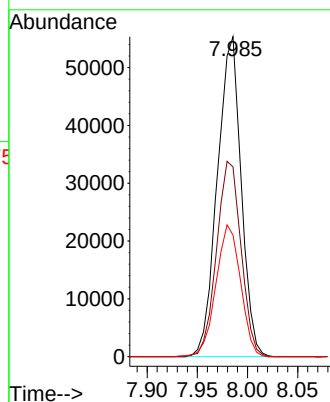
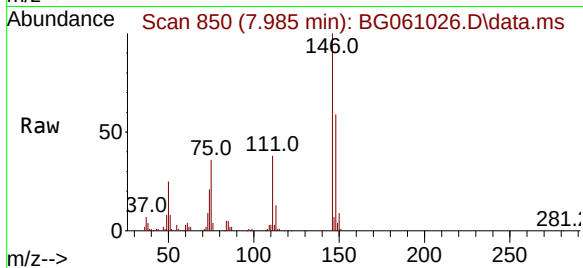
Tgt Ion:146 Resp: 91234

Ion Ratio Lower Upper

146 100

148 59.3 50.4 75.6

111 38.0 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 44.095 ng

RT: 8.297 min Scan# 903

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

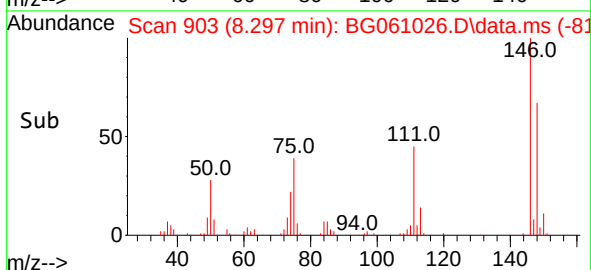
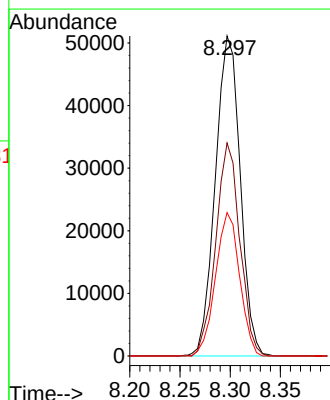
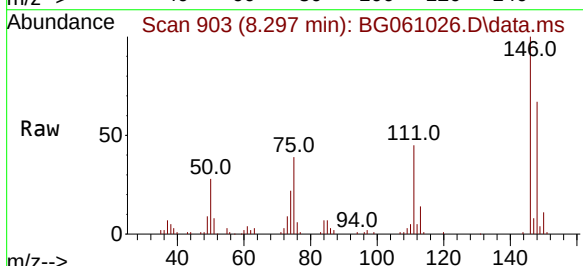
Tgt Ion:146 Resp: 88146

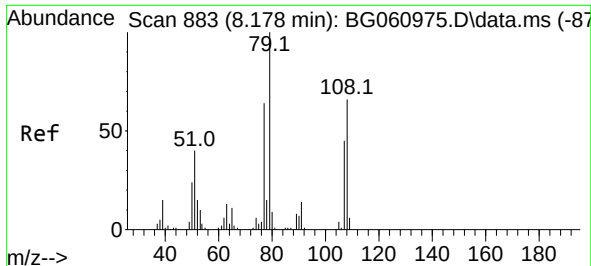
Ion Ratio Lower Upper

146 100

148 66.5 53.8 80.8

111 44.8 38.2 57.2

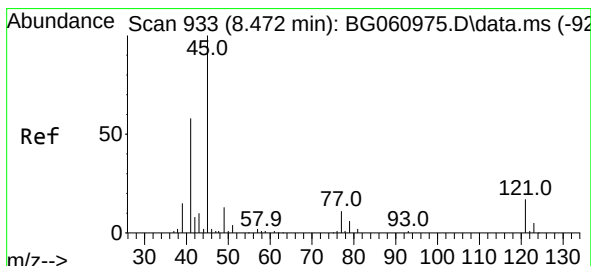
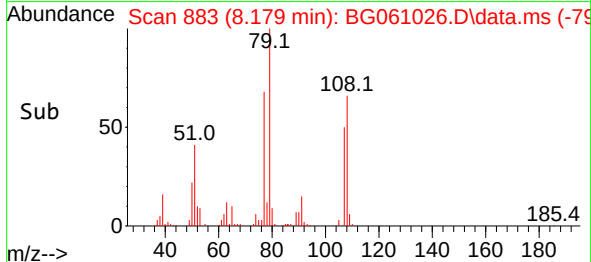
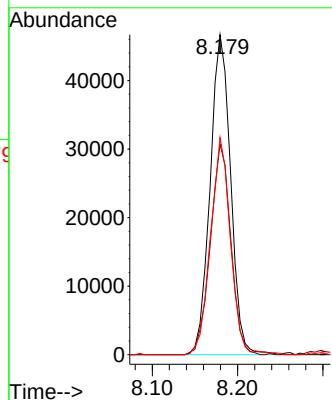
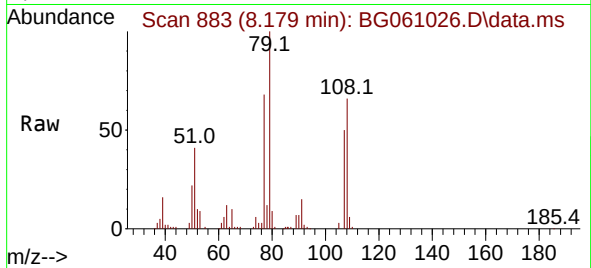




#15
Benzyl Alcohol
Concen: 38.664 ng
RT: 8.179 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

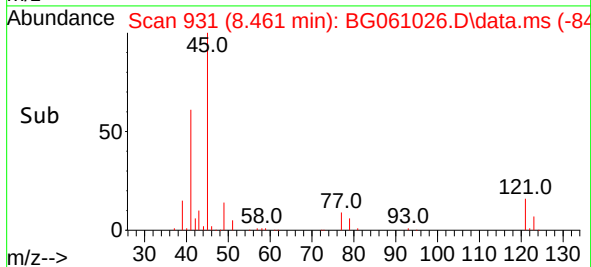
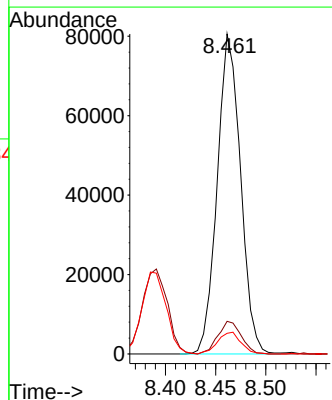
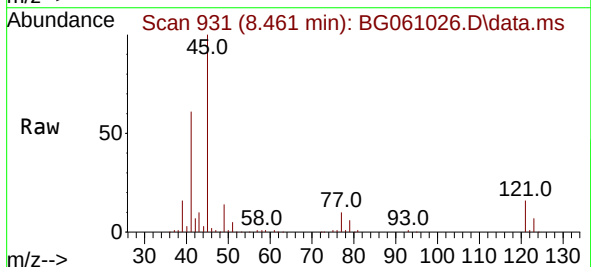
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

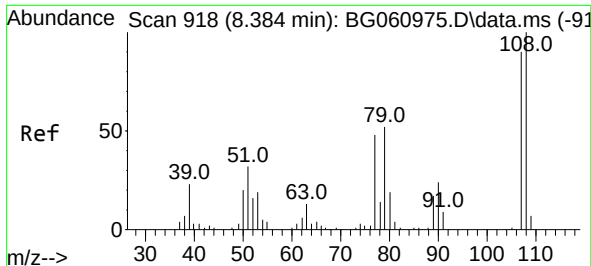
Tgt Ion: 79 Resp: 77842
Ion Ratio Lower Upper
79 100
108 65.8 53.0 79.6
77 67.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.410 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.010 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 45 Resp: 130034
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.6
79 6.5 0.0 26.6

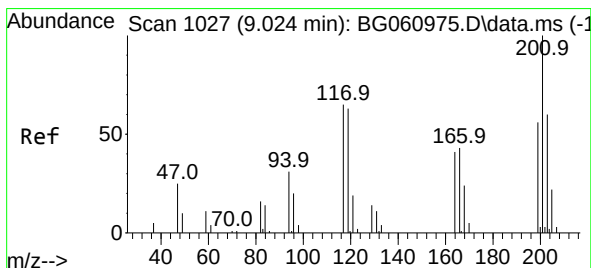
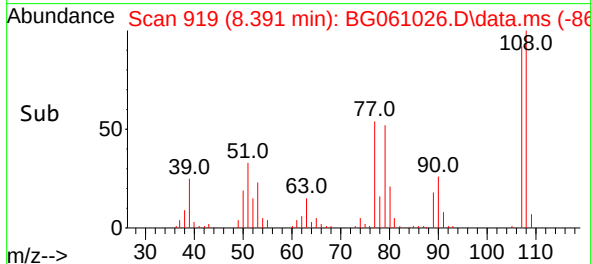
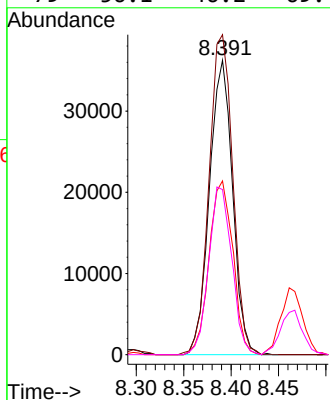
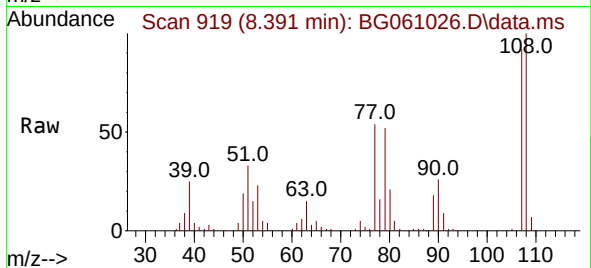




#17
2-Methylphenol
Concen: 35.994 ng
RT: 8.391 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

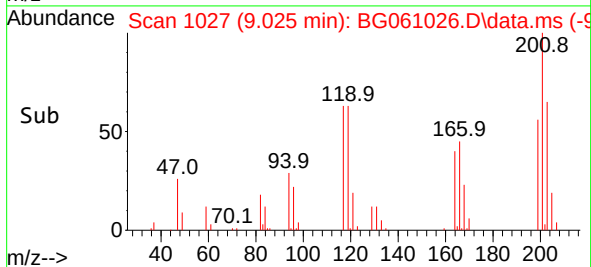
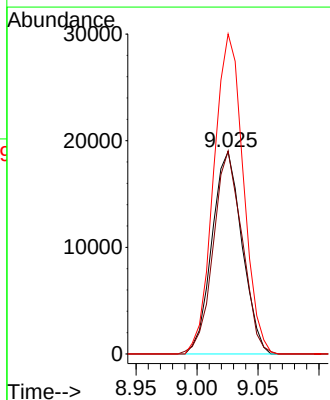
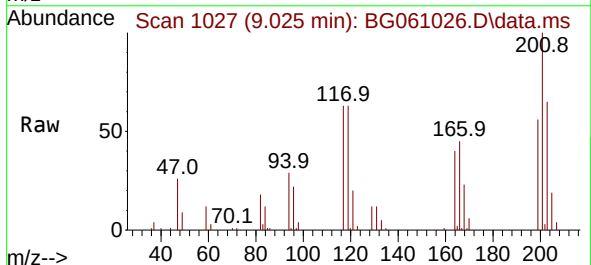
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

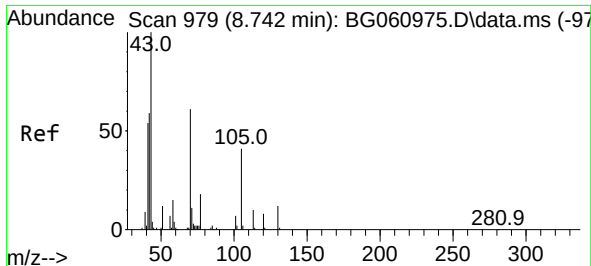
Tgt Ion:	107	Resp:	61572
Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.2	133.8
77	59.0	43.0	64.6
79	56.1	46.2	69.4



#18
Hexachloroethane
Concen: 44.108 ng
RT: 9.025 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:	117	Resp:	32509
Ion	Ratio	Lower	Upper
117	100		
119	100.4	79.8	119.8
201	158.3	124.0	186.0

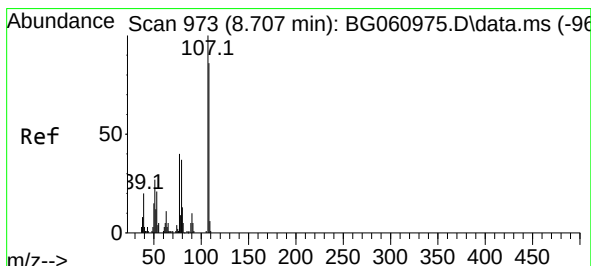
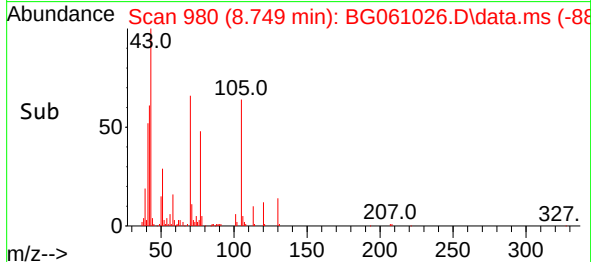
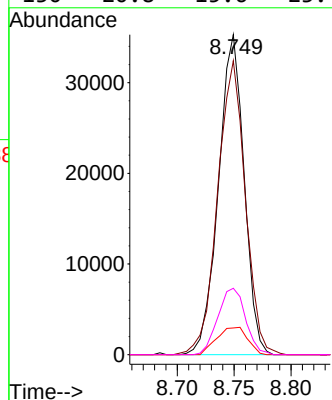
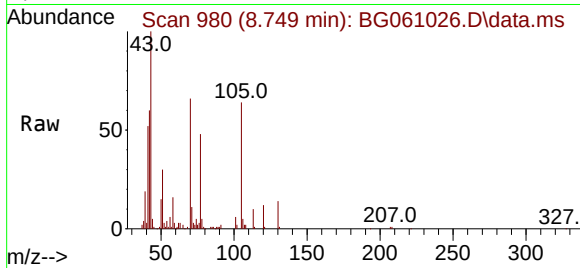




#19
n-Nitroso-di-n-propylamine
Concen: 34.833 ng
RT: 8.749 min Scan# 979
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

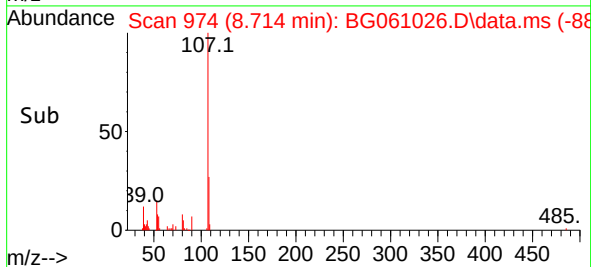
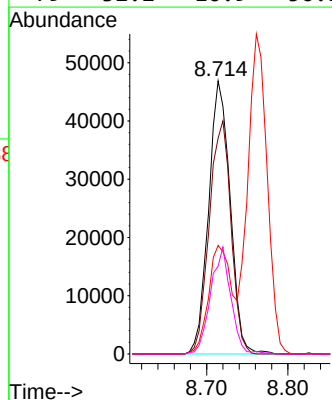
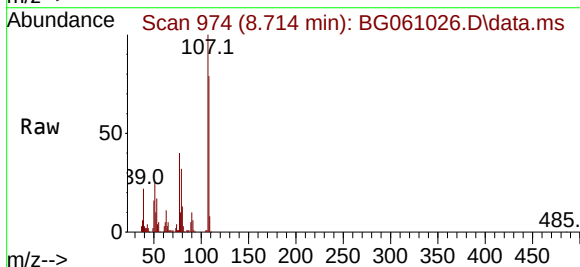
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

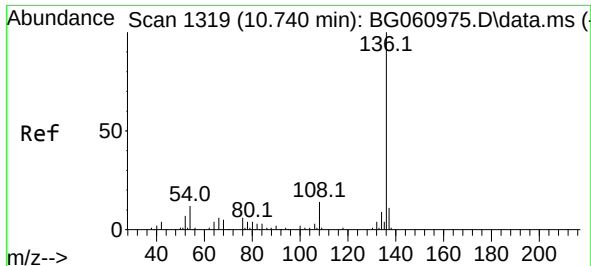
Tgt Ion:	70	Resp:	55354
Ion	Ratio	Lower	Upper
70	100		
42	91.8	78.0	117.0
101	8.4	8.6	13.0#
130	20.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 36.067 ng
RT: 8.714 min Scan# 974
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:	107	Resp:	86284
Ion	Ratio	Lower	Upper
107	100		
108	79.0	66.5	106.5
77	39.7	19.9	59.9
79	32.2	16.9	56.9

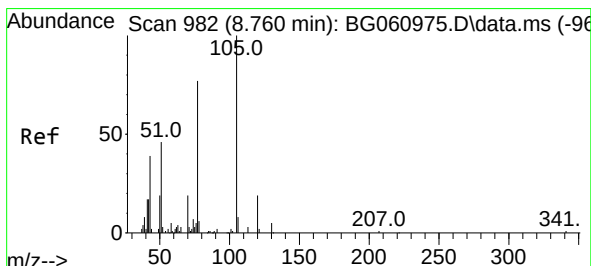
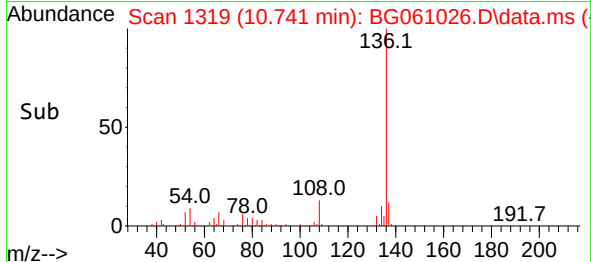
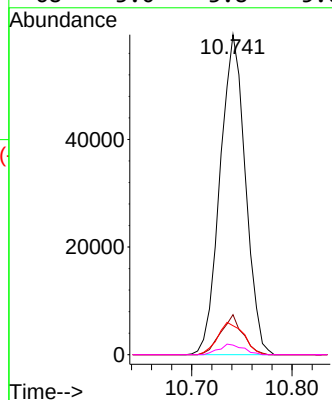
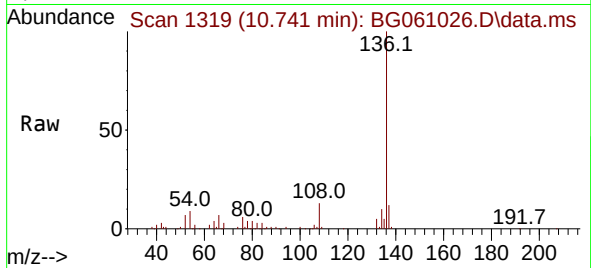




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

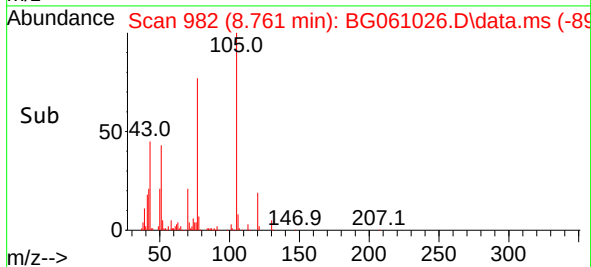
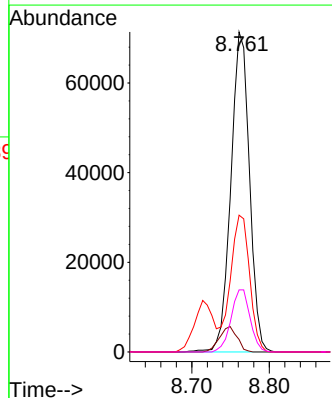
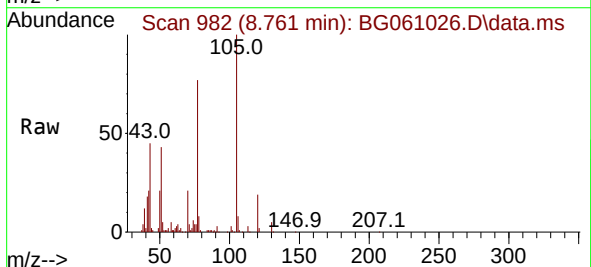
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

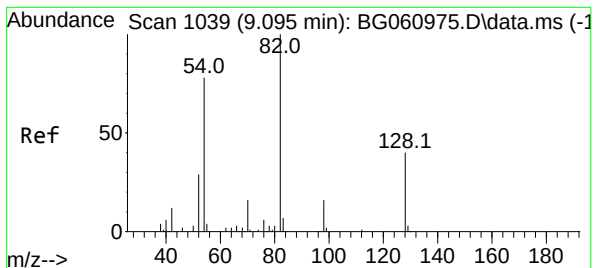
Tgt Ion:136 Resp: 104370
Ion Ratio Lower Upper
136 100
137 12.5 8.5 12.7
54 9.0 9.4 14.0#
68 3.0 3.8 5.6#



#22
Acetophenone
Concen: 40.911 ng
RT: 8.761 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:105 Resp: 119231
Ion Ratio Lower Upper
105 100
71 3.9 2.5 3.7#
51 42.7 37.8 56.6
120 19.4 15.2 22.8





#23

Nitrobenzene-d5

Concen: 67.510 ng

RT: 9.102 min Scan# 1040

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

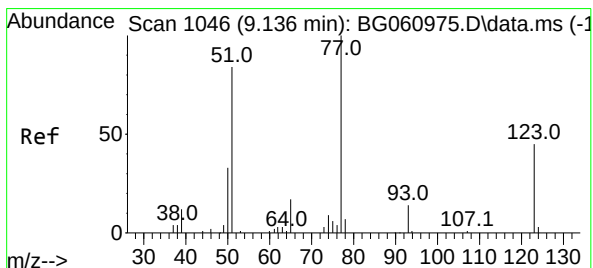
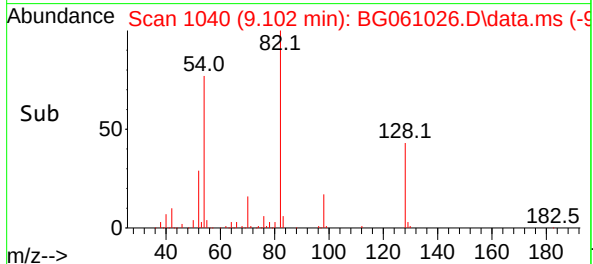
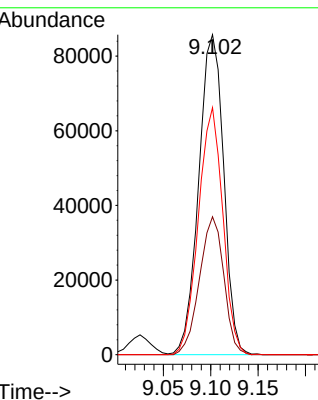
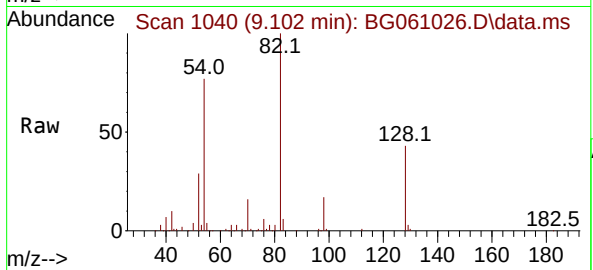
Tgt Ion: 82 Resp: 156826

Ion Ratio Lower Upper

82 100

128 43.1 32.1 48.1

54 77.2 62.3 93.5



#24

Nitrobenzene

Concen: 41.331 ng

RT: 9.143 min Scan# 1047

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

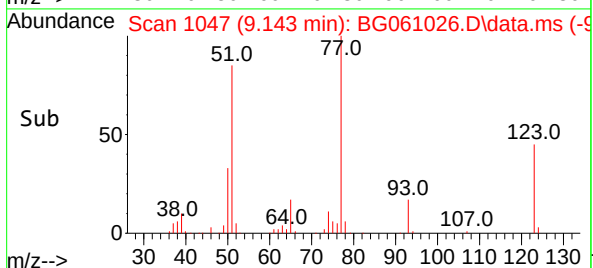
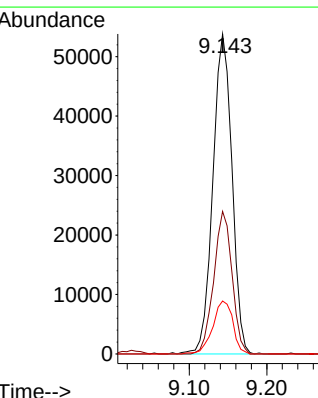
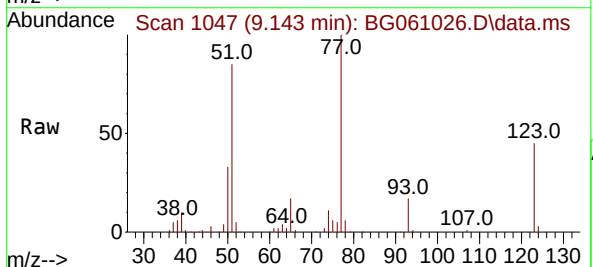
Tgt Ion: 77 Resp: 92259

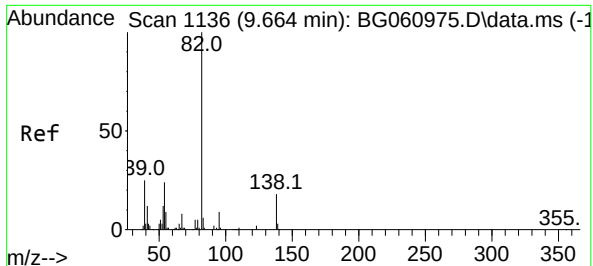
Ion Ratio Lower Upper

77 100

123 44.6 35.9 53.9

65 16.6 13.3 19.9

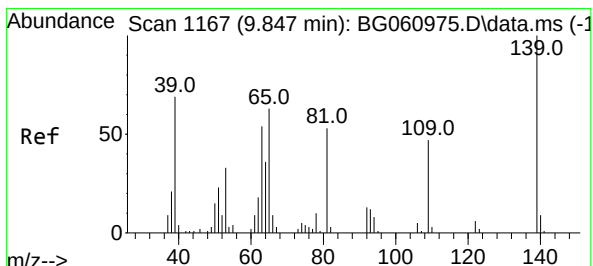
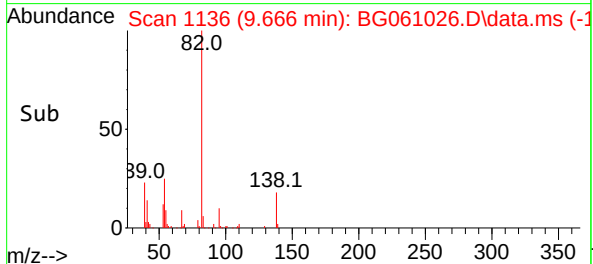
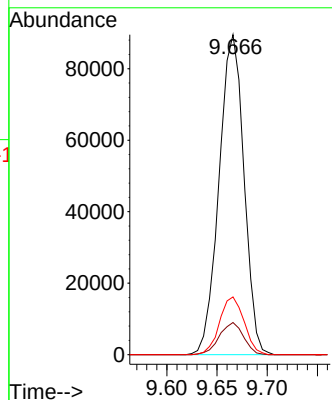
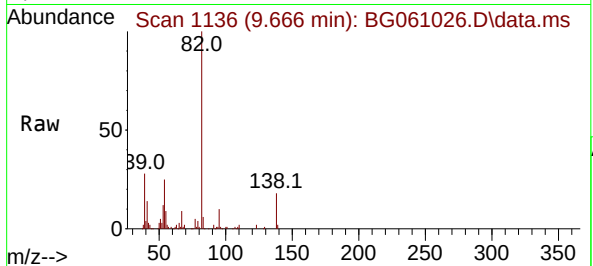




#25
Isophorone
Concen: 39.675 ng
RT: 9.666 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

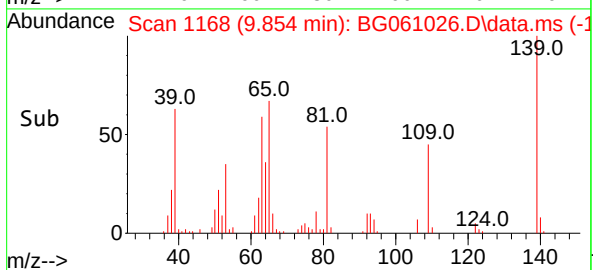
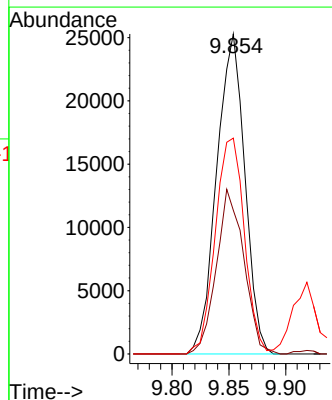
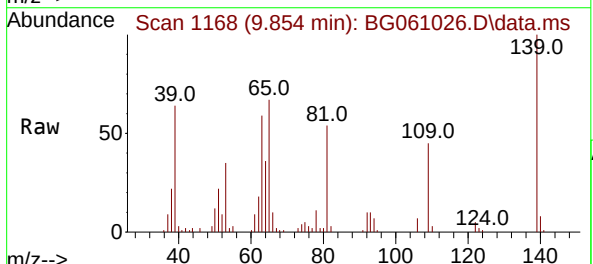
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

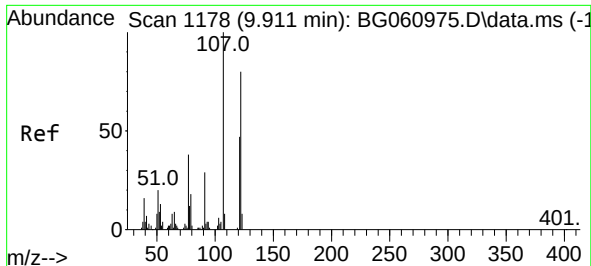
Tgt Ion: 82 Resp: 154243
Ion Ratio Lower Upper
82 100
95 10.0 7.6 11.4
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 41.496 ng
RT: 9.854 min Scan# 1168
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:139 Resp: 43534
Ion Ratio Lower Upper
139 100
109 44.9 37.4 56.2
65 67.4 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 33.200 ng

RT: 9.919 min Scan# 1178

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

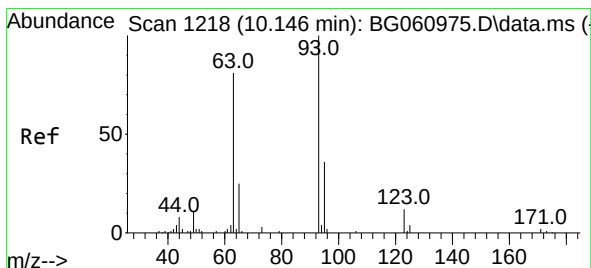
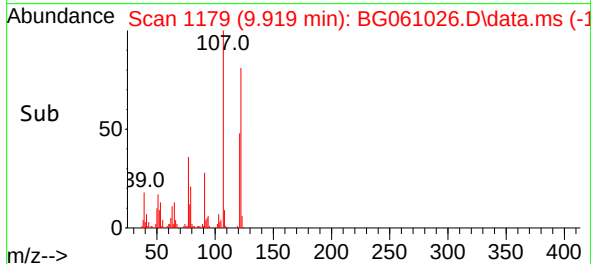
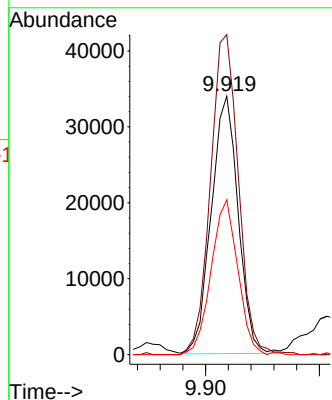
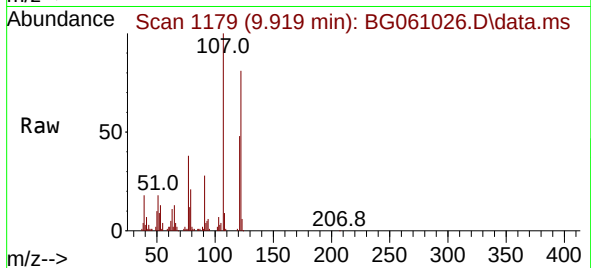
Tgt Ion:122 Resp: 55828

Ion Ratio Lower Upper

122 100

107 123.8 98.7 148.1

121 59.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.067 ng

RT: 10.148 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

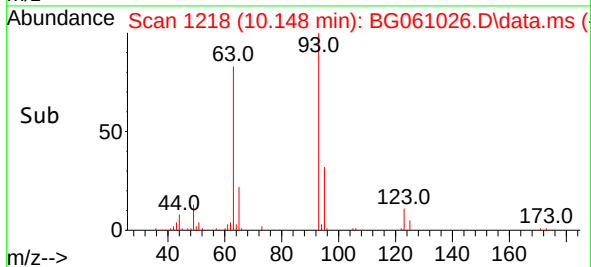
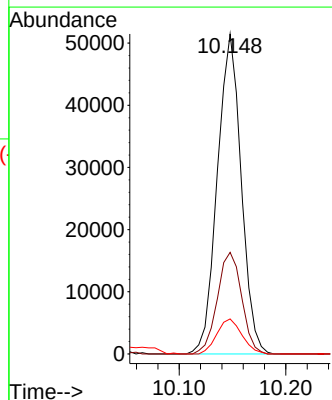
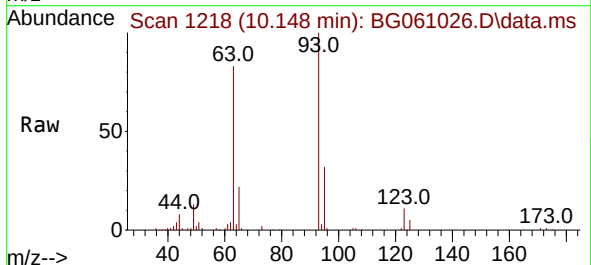
Tgt Ion: 93 Resp: 79895

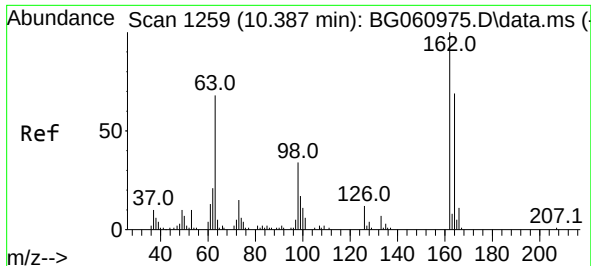
Ion Ratio Lower Upper

93 100

95 31.8 28.8 43.2

123 11.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.715 ng

RT: 10.394 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG061026.D

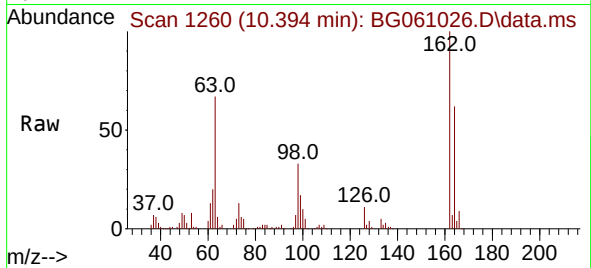
Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS



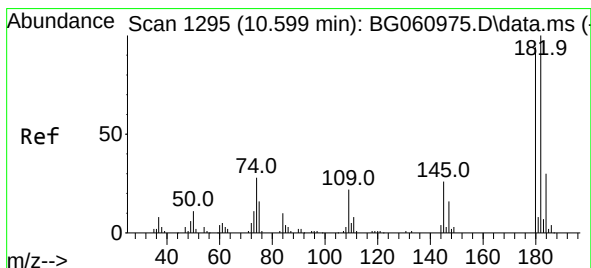
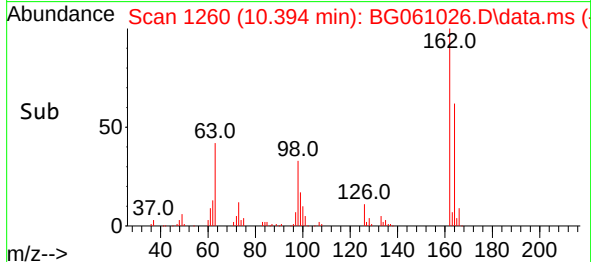
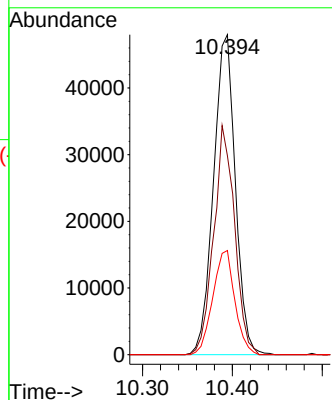
Tgt Ion:162 Resp: 80959

Ion Ratio Lower Upper

162 100

164 62.2 49.0 89.0

98 32.6 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 46.778 ng

RT: 10.606 min Scan# 1296

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

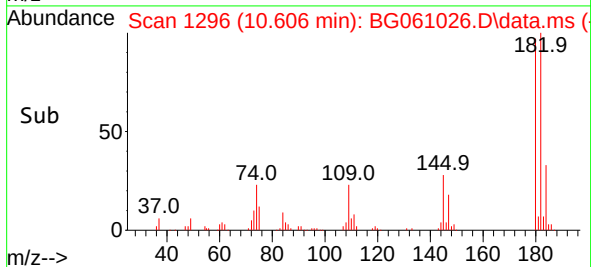
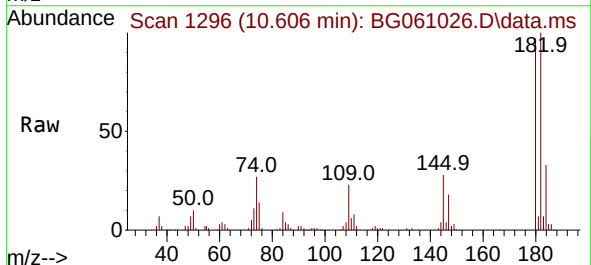
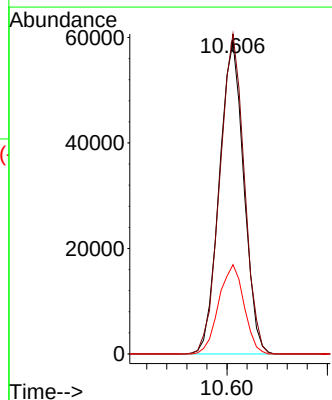
Tgt Ion:180 Resp: 100168

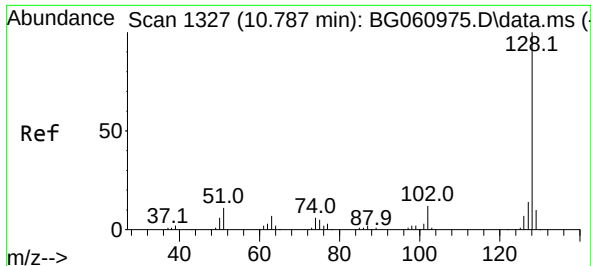
Ion Ratio Lower Upper

180 100

182 102.6 85.4 128.2

145 28.6 22.6 33.8

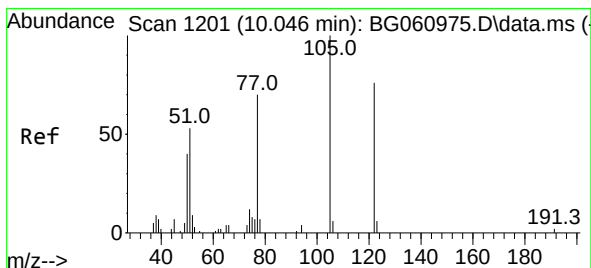
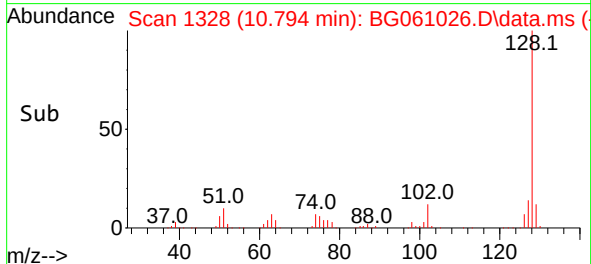
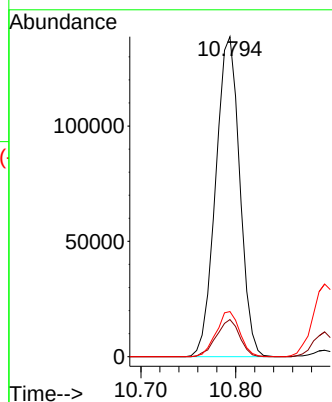
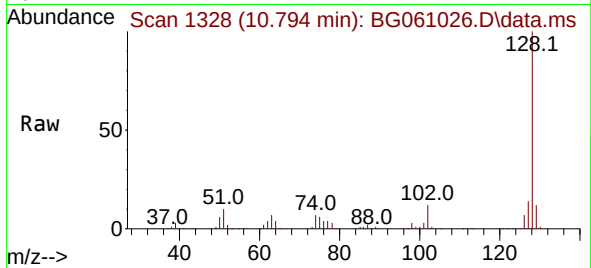




#31
Naphthalene
Concen: 42.688 ng
RT: 10.794 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

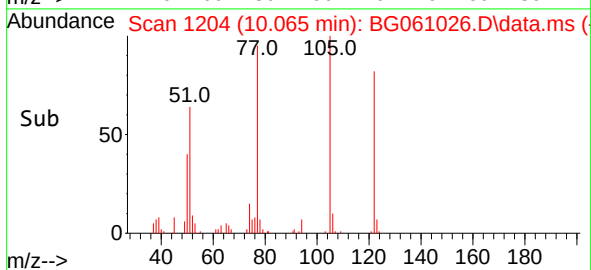
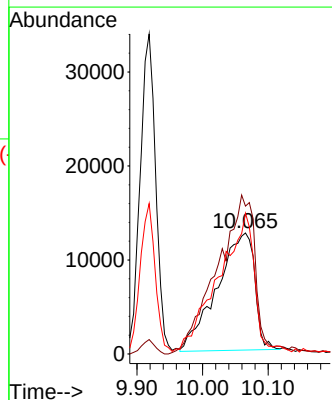
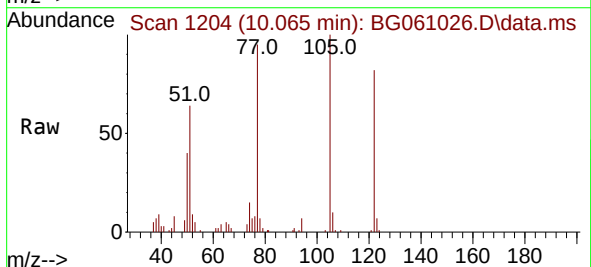
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

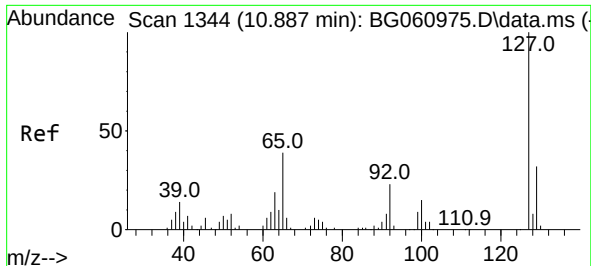
Tgt Ion:128 Resp: 243917
Ion Ratio Lower Upper
128 100
129 11.6 8.2 12.4
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 38.905 ng
RT: 10.065 min Scan# 1204
Delta R.T. 0.019 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:122 Resp: 49846
Ion Ratio Lower Upper
122 100
105 122.3 106.2 146.2
77 116.4 70.1 110.1#

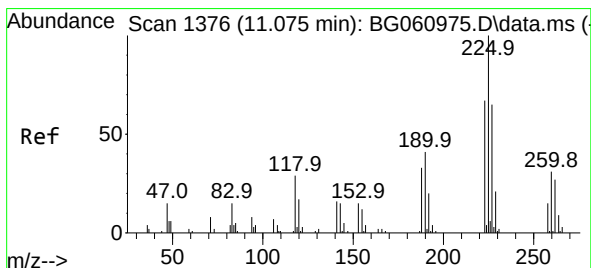
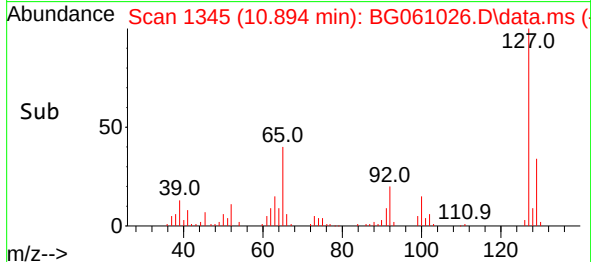
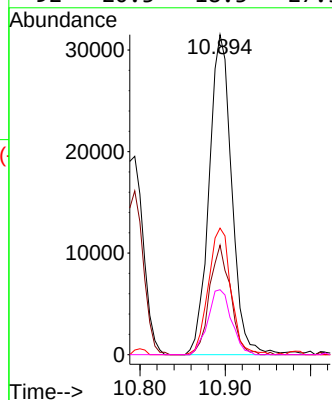
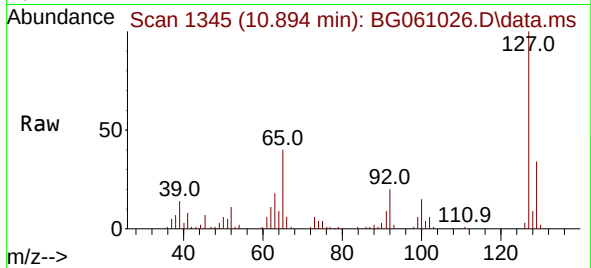




#33
4-Chloroaniline
Concen: 22.364 ng
RT: 10.894 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

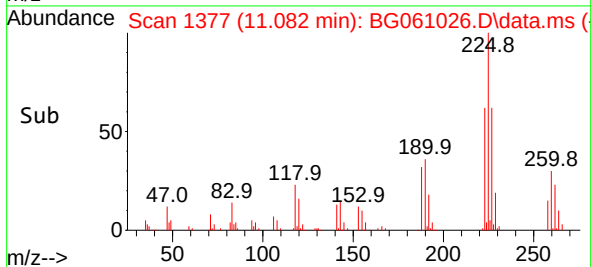
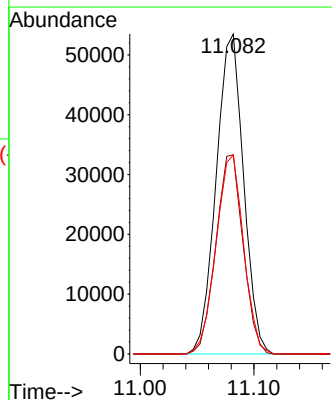
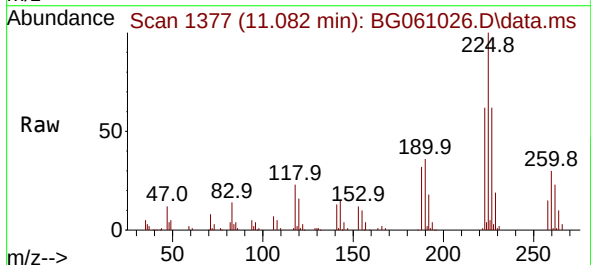
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

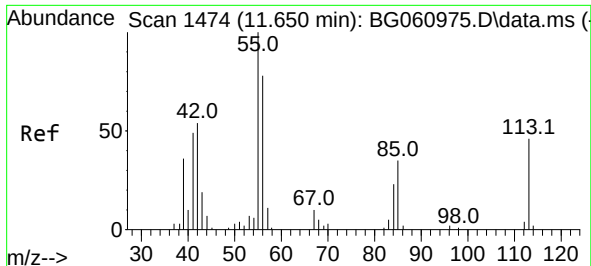
Tgt Ion:	127	Resp:	58048
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.7	38.5
65	39.5	31.4	47.0
92	20.3	18.3	27.5



#34
Hexachlorobutadiene
Concen: 47.635 ng
RT: 11.082 min Scan# 1377
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:	225	Resp:	89705
Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.2	79.8
227	62.2	51.9	77.9

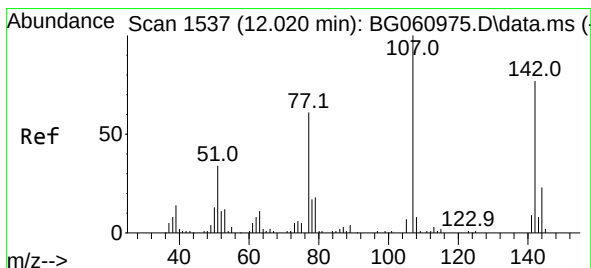
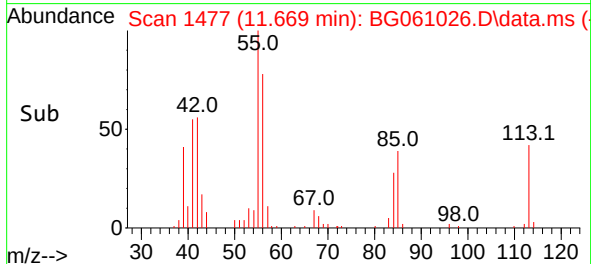
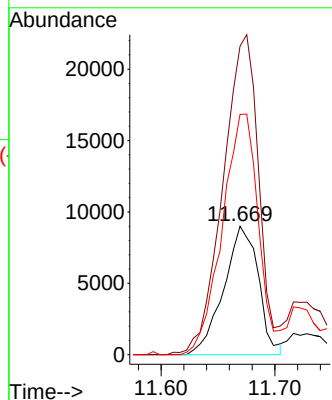
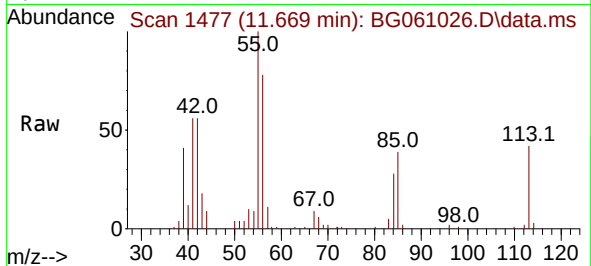




#35
Caprolactam
Concen: 30.841 ng
RT: 11.669 min Scan# 1474
Delta R.T. 0.019 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

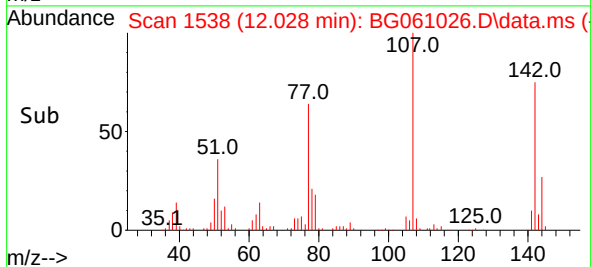
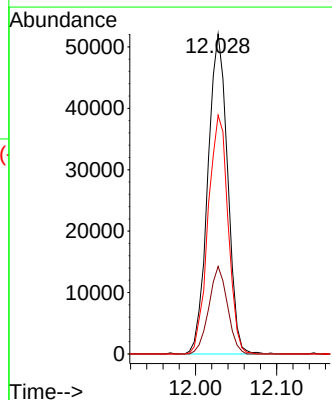
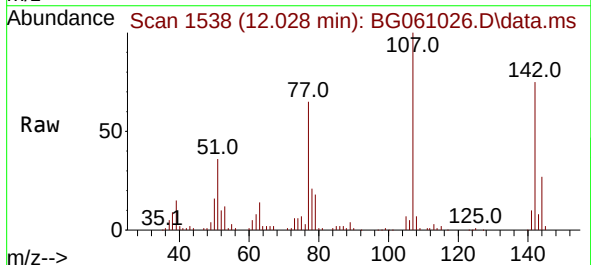
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

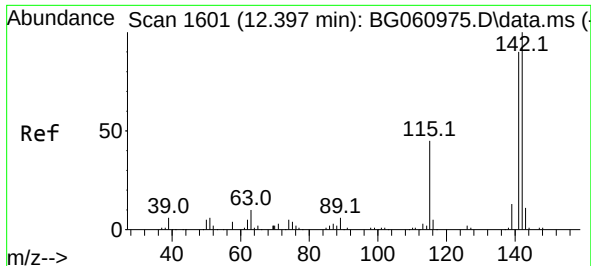
Tgt Ion:113 Resp: 19065
Ion Ratio Lower Upper
113 100
55 240.0 197.9 237.9#
56 187.0 151.1 191.1



#36
4-Chloro-3-methylphenol
Concen: 38.796 ng
RT: 12.028 min Scan# 1538
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:107 Resp: 87815
Ion Ratio Lower Upper
107 100
144 27.4 18.5 27.7
142 74.6 61.4 92.0

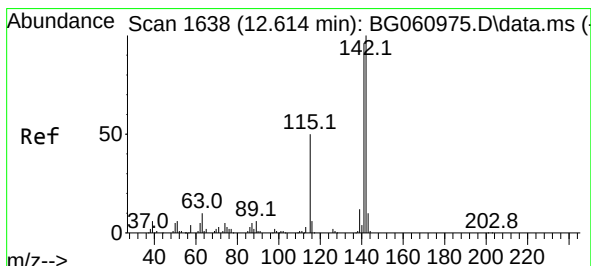
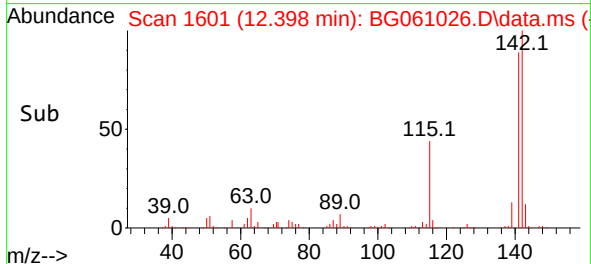
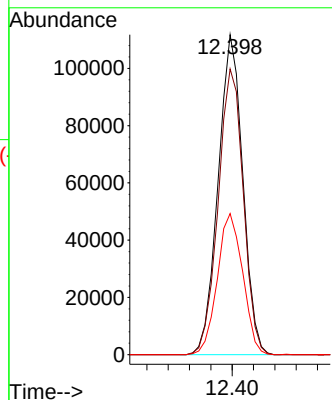
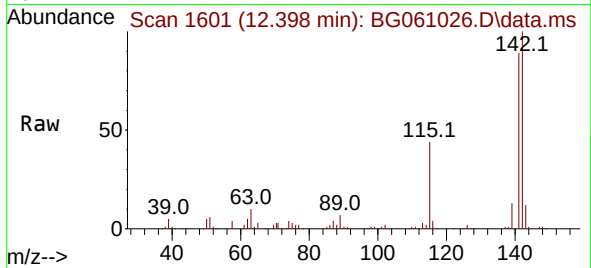




#37
2-Methylnaphthalene
Concen: 39.828 ng
RT: 12.398 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

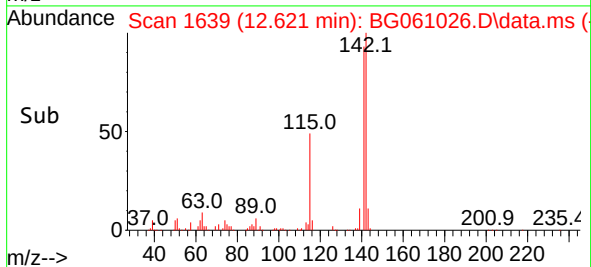
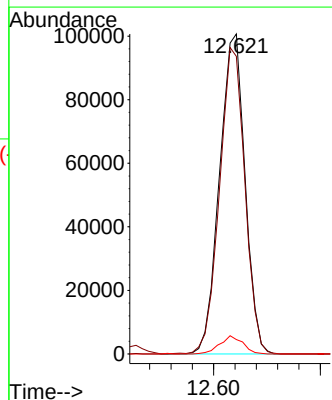
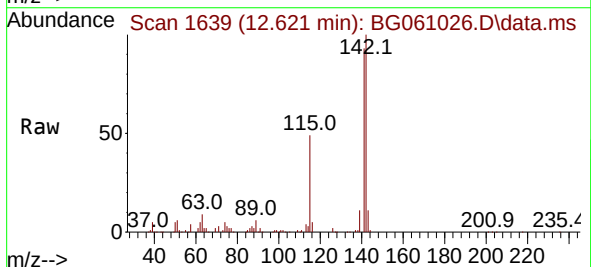
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

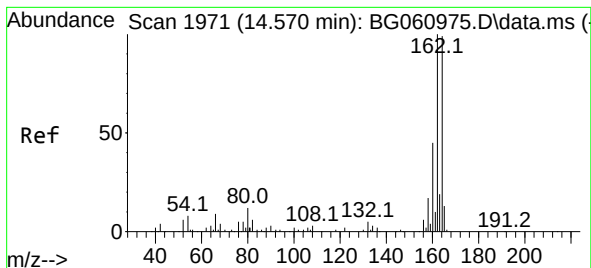
Tgt Ion:142 Resp: 178935
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 44.1 35.9 53.9



#38
1-Methylnaphthalene
Concen: 39.852 ng
RT: 12.621 min Scan# 1639
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:142 Resp: 167079
Ion Ratio Lower Upper
142 100
141 93.0 76.8 115.2
116 4.5 4.4 6.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.578 min Scan# 1971

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

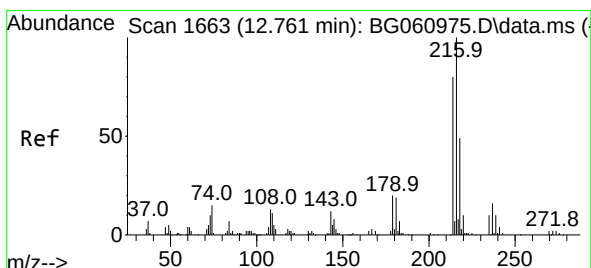
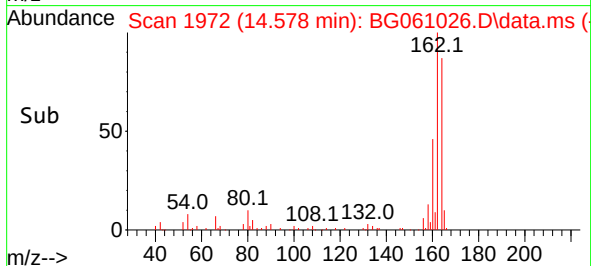
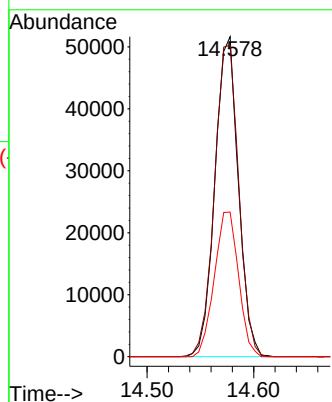
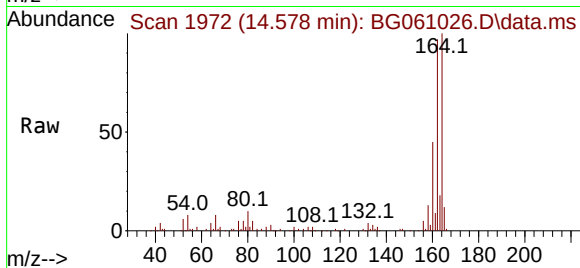
Tgt Ion:164 Resp: 78714

Ion Ratio Lower Upper

164 100

162 97.4 81.2 121.8

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.940 ng

RT: 12.768 min Scan# 1664

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Tgt Ion:216 Resp: 148087

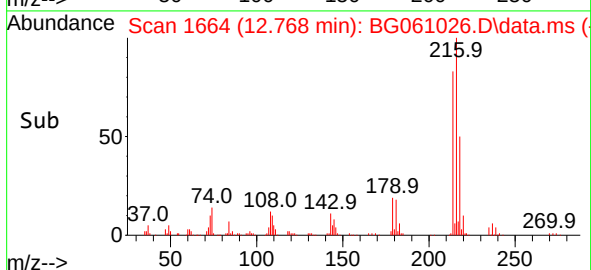
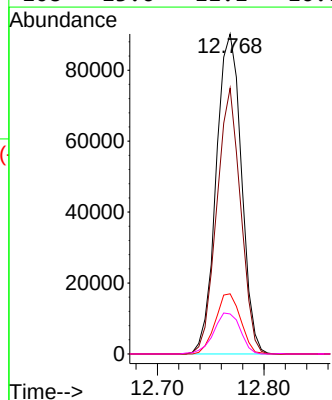
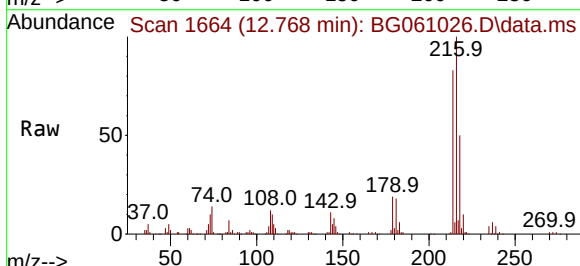
Ion Ratio Lower Upper

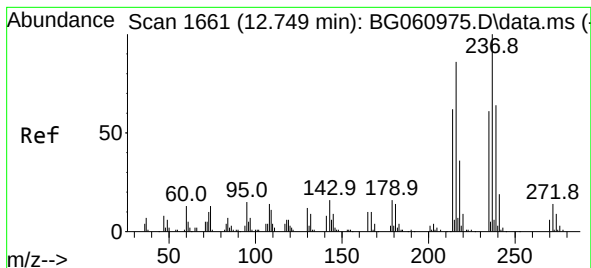
216 100

214 78.4 63.3 94.9

179 18.8 15.2 22.8

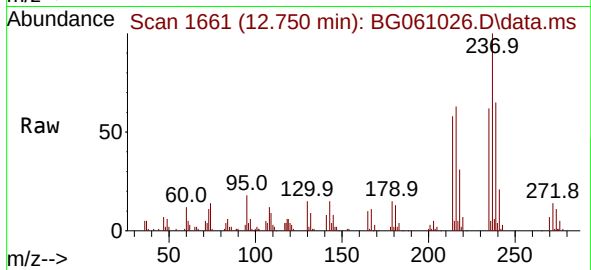
108 13.6 11.1 16.7



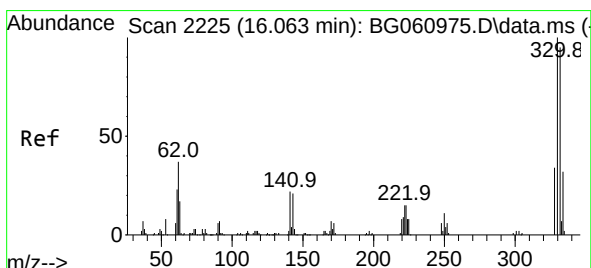
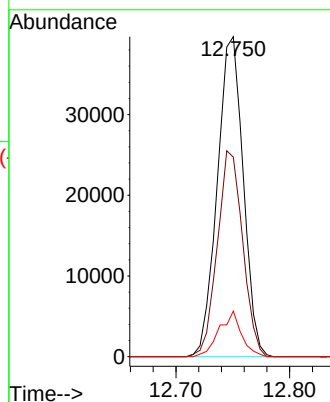
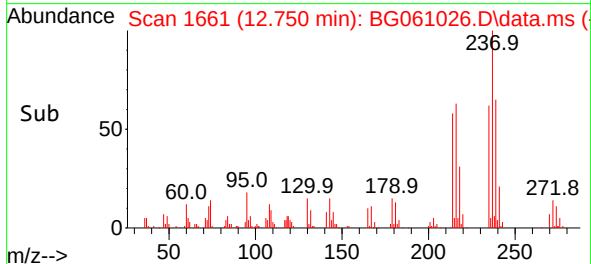


#41
Hexachlorocyclopentadiene
Concen: 38.170 ng
RT: 12.750 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

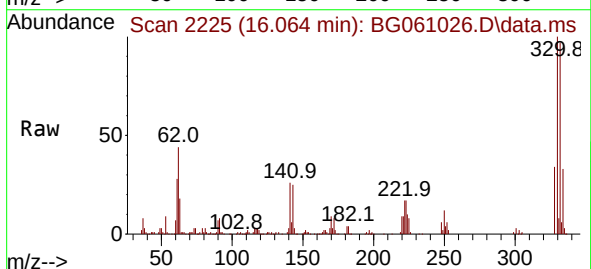
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS



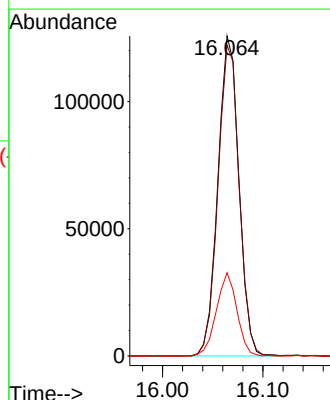
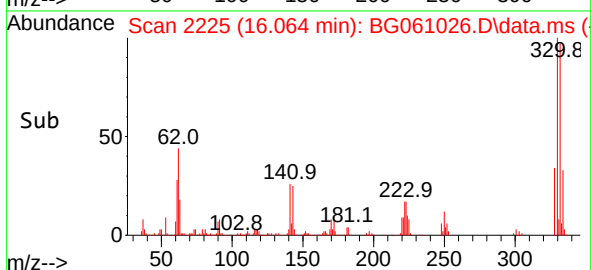
Tgt Ion:237 Resp: 62826
Ion Ratio Lower Upper
237 100
235 62.3 40.7 80.7
272 14.2 0.0 34.5

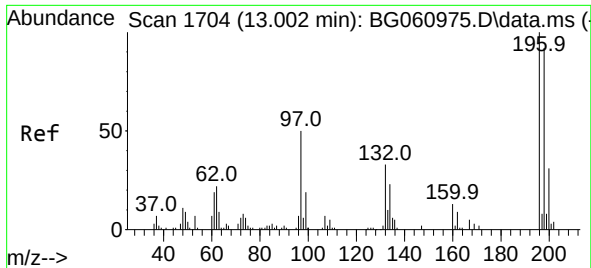


#42
2,4,6-Tribromophenol
Concen: 105.604 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24



Tgt Ion:330 Resp: 182537
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 25.4 20.6 31.0

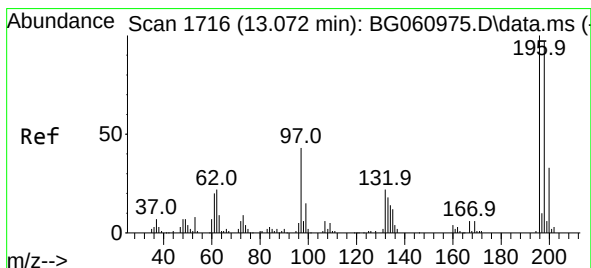
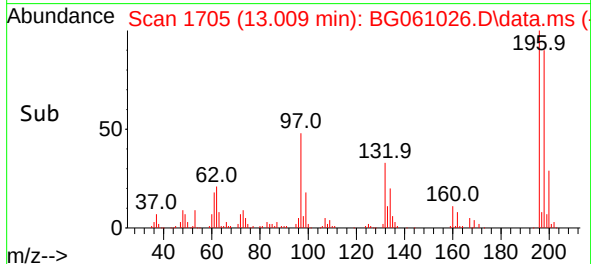
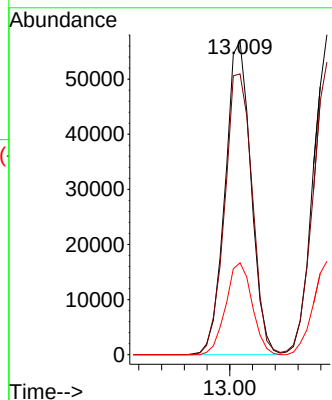
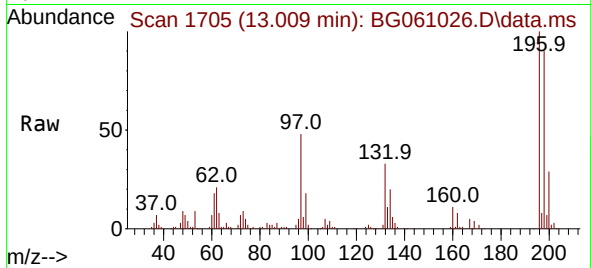




#43
2,4,6-Trichlorophenol
Concen: 48.913 ng
RT: 13.009 min Scan# 1718
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

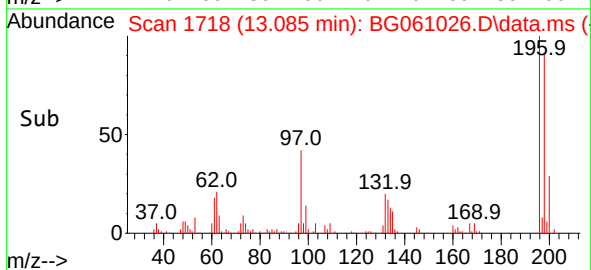
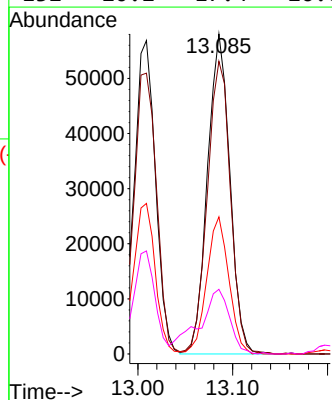
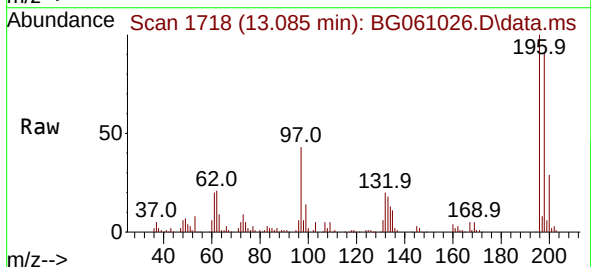
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

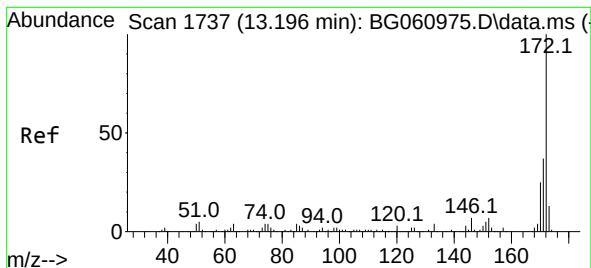
Tgt Ion:196 Resp: 89941
Ion Ratio Lower Upper
196 100
198 89.6 73.5 110.3
200 29.3 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 43.890 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.013 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:196 Resp: 95465
Ion Ratio Lower Upper
196 100
198 91.4 77.7 116.5
97 42.8 34.2 51.4
132 20.2 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 72.986 ng

RT: 13.197 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

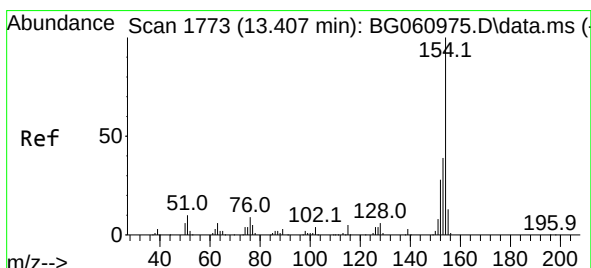
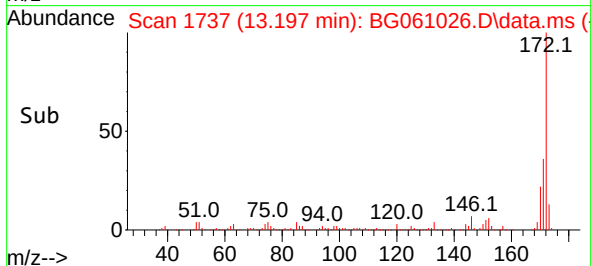
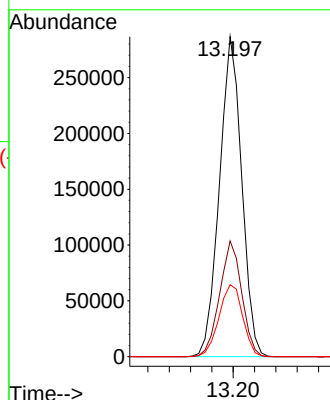
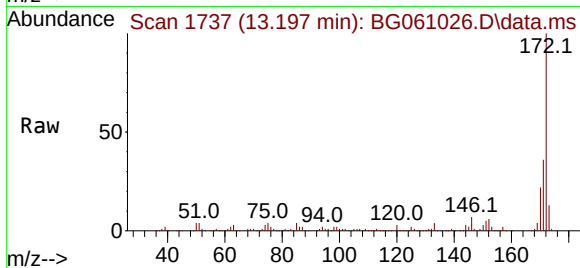
Tgt Ion:172 Resp: 415100

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 22.5 20.1 30.1



#46

1,1'-Biphenyl

Concen: 47.791 ng

RT: 13.409 min Scan# 1773

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

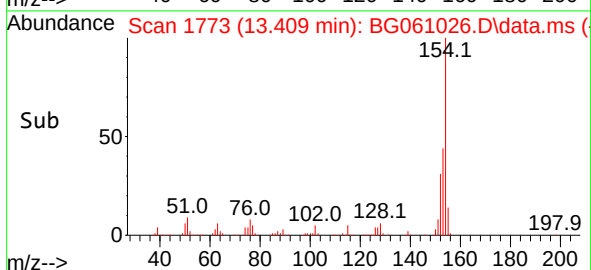
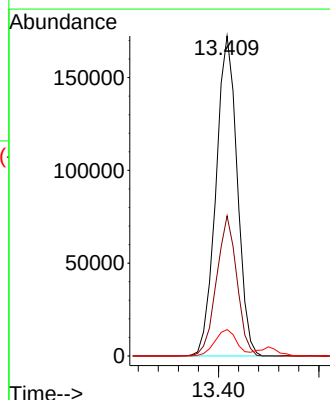
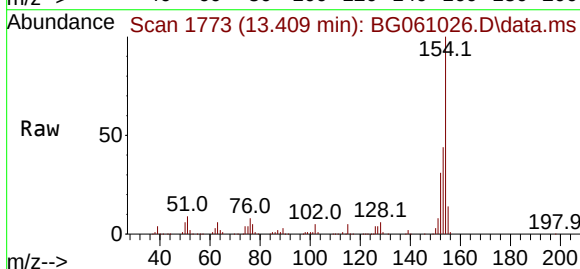
Tgt Ion:154 Resp: 253394

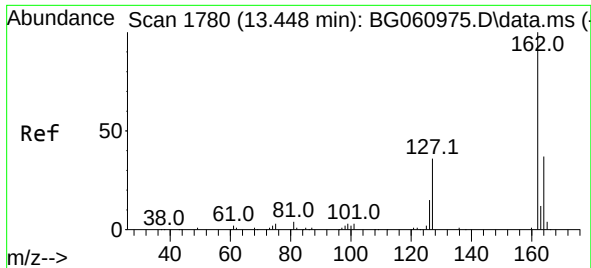
Ion Ratio Lower Upper

154 100

153 43.8 19.4 59.4

76 8.2 0.0 28.6

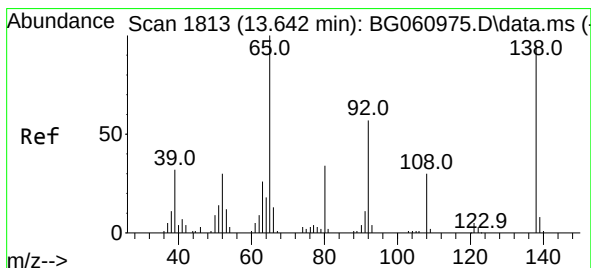
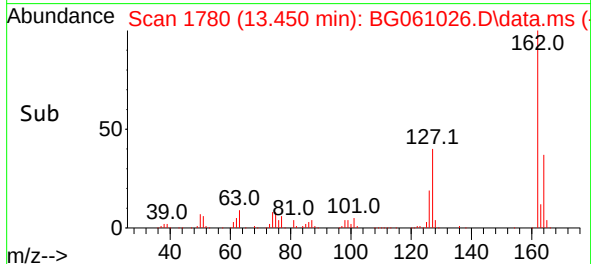
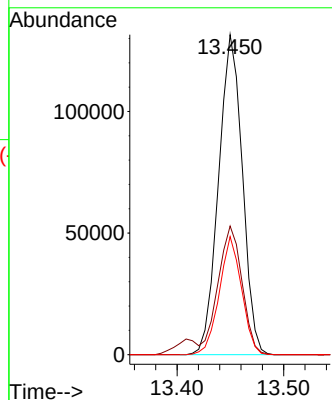
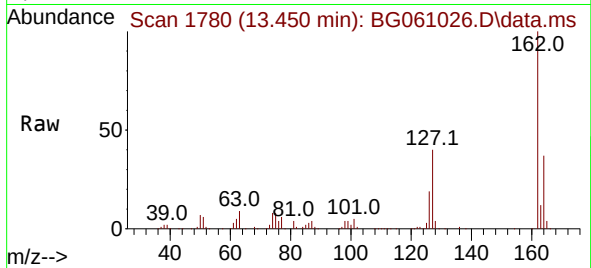




#47
2-Chloronaphthalene
Concen: 50.164 ng
RT: 13.450 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

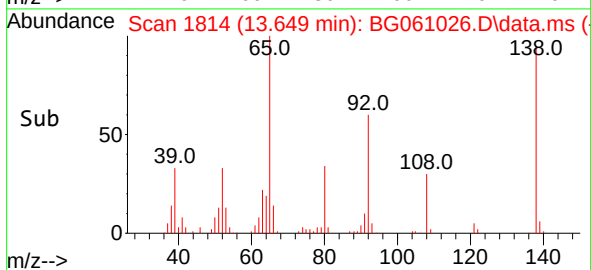
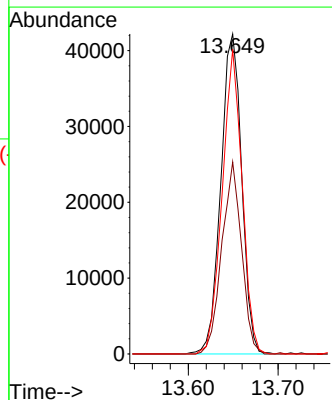
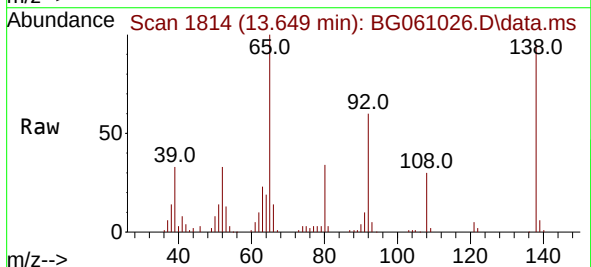
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

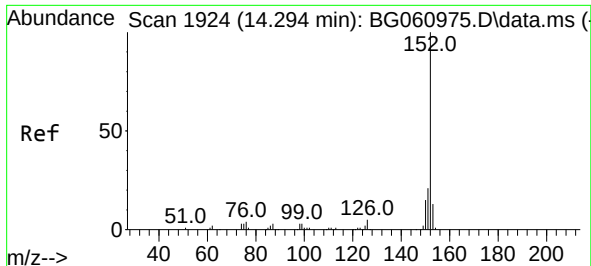
Tgt Ion:162 Resp: 203929
Ion Ratio Lower Upper
162 100
127 40.2 32.6 49.0
164 36.9 29.9 44.9



#48
2-Nitroaniline
Concen: 41.398 ng
RT: 13.649 min Scan# 1814
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 65 Resp: 67921
Ion Ratio Lower Upper
65 100
92 60.0 45.4 68.2
138 95.2 75.8 113.6

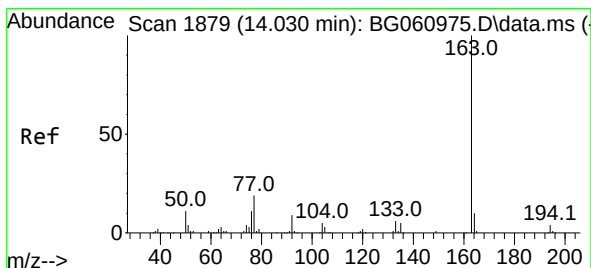
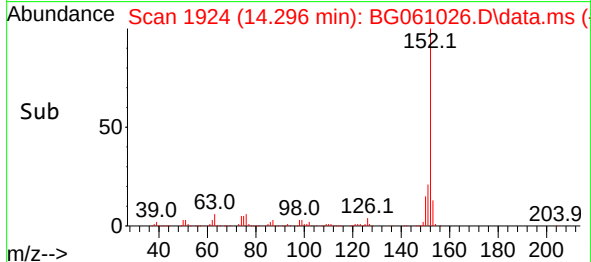
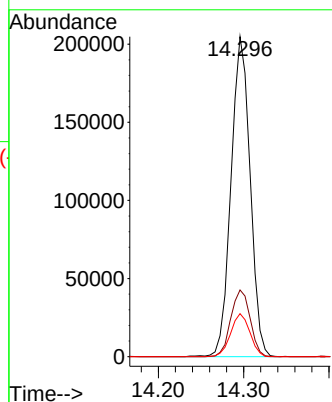
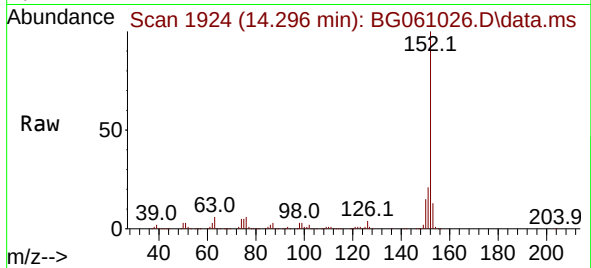




#49
Acenaphthylene
Concen: 46.520 ng
RT: 14.296 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

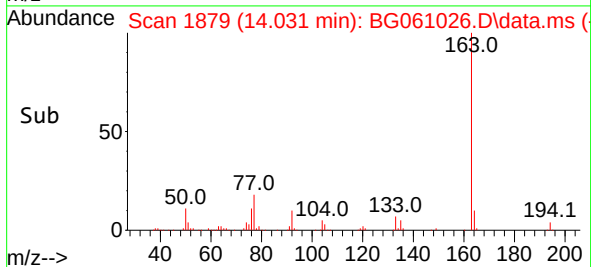
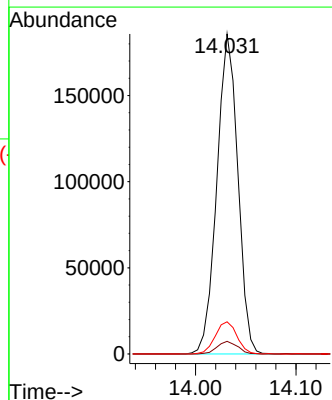
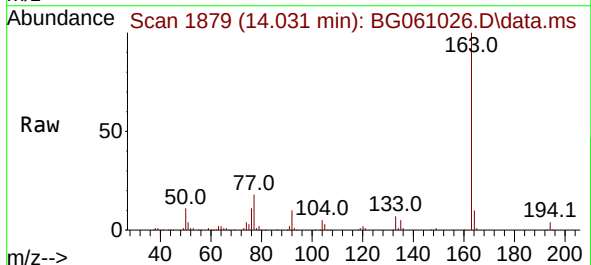
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

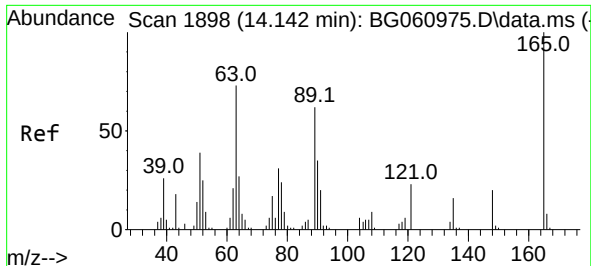
Tgt Ion:152 Resp: 318501
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 41.450 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:163 Resp: 269044
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.4 12.6

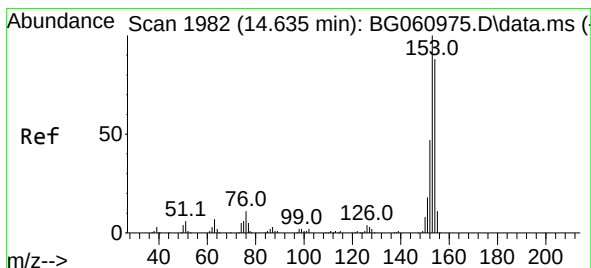
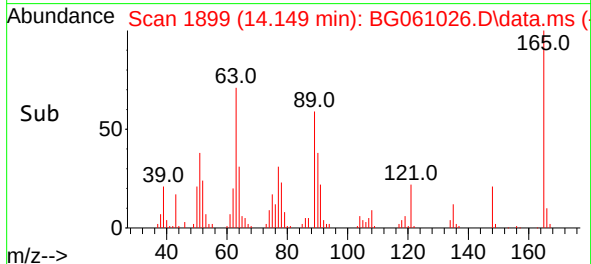
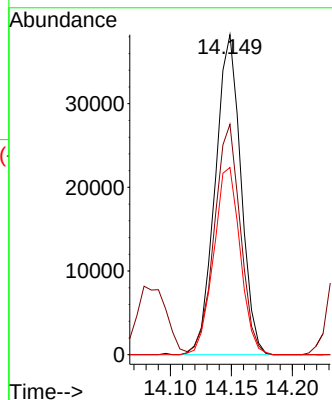
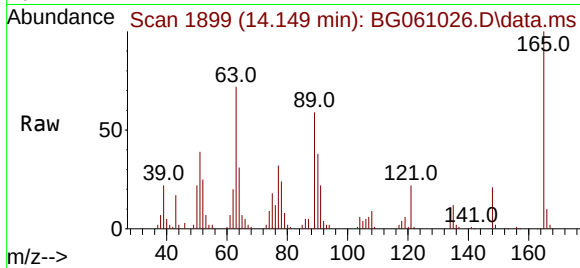




#51
2,6-Dinitrotoluene
Concen: 41.318 ng
RT: 14.149 min Scan# 1899
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

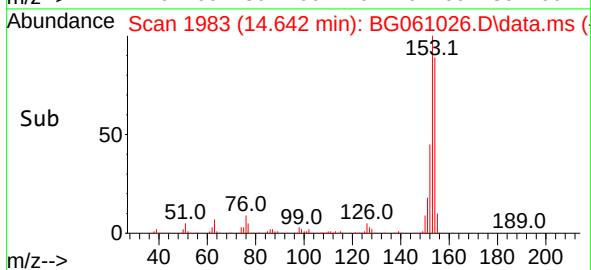
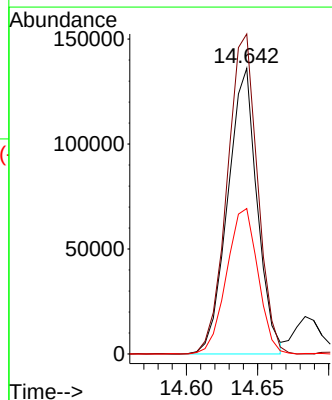
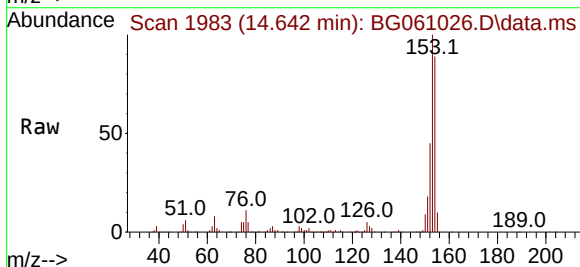
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

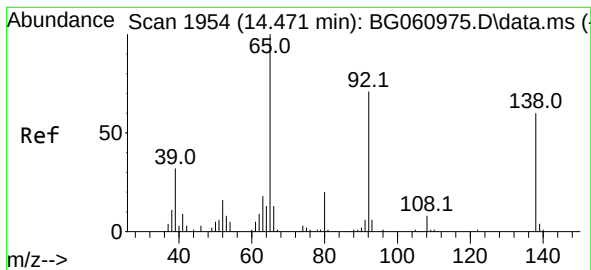
Tgt Ion:165 Resp: 55960
Ion Ratio Lower Upper
165 100
63 72.0 59.6 89.4
89 58.5 49.4 74.0



#52
Acenaphthene
Concen: 47.239 ng
RT: 14.642 min Scan# 1983
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:154 Resp: 196525
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 50.9 42.7 64.1

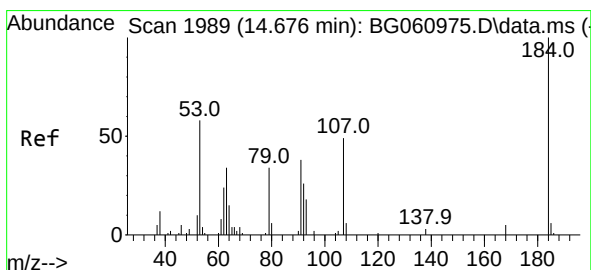
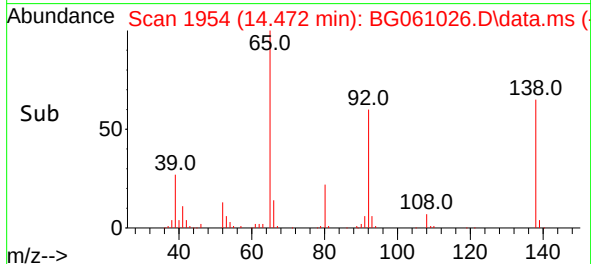
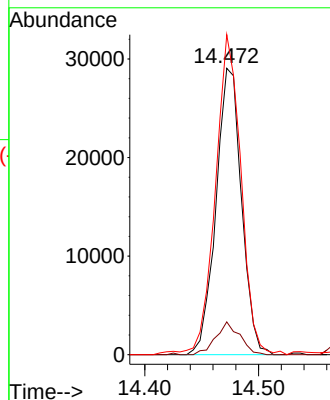
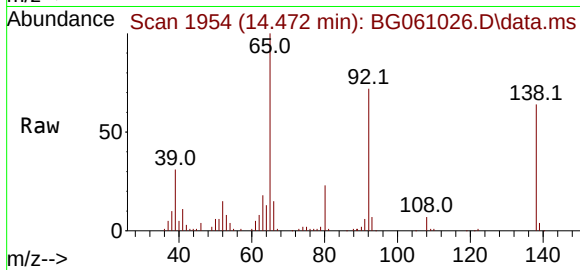




#53
3-Nitroaniline
Concen: 33.899 ng
RT: 14.472 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

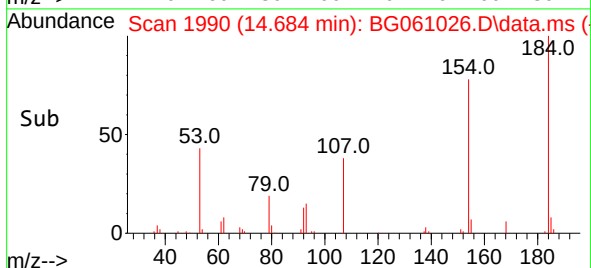
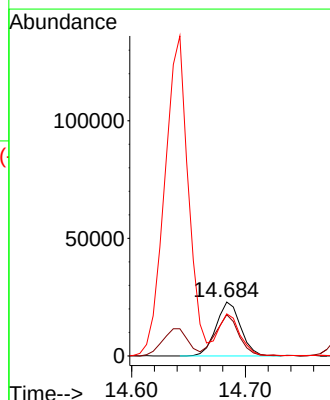
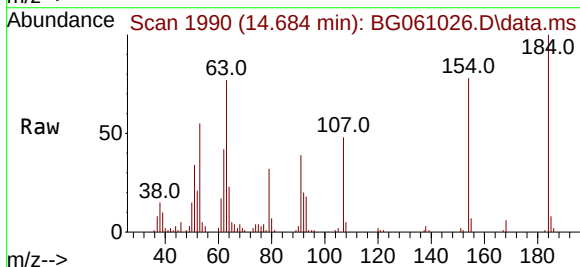
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

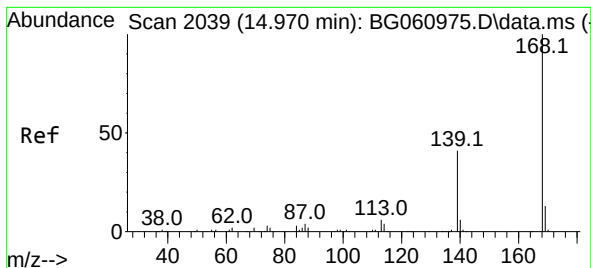
Tgt Ion:138 Resp: 45270
Ion Ratio Lower Upper
138 100
108 11.5 10.1 15.1
92 111.8 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 41.739 ng
RT: 14.684 min Scan# 1990
Delta R.T. 0.008 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:184 Resp: 34304
Ion Ratio Lower Upper
184 100
63 76.8 59.0 88.6
154 78.0 61.2 91.8





#55

Dibenzenofuran

Concen: 45.004 ng

RT: 14.977 min Scan# 20

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

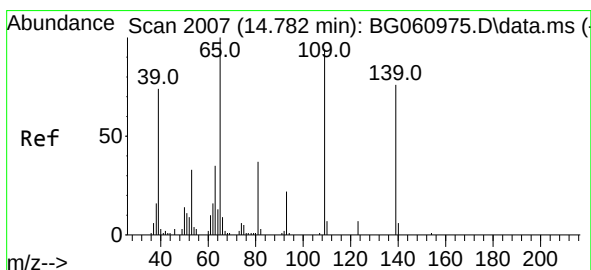
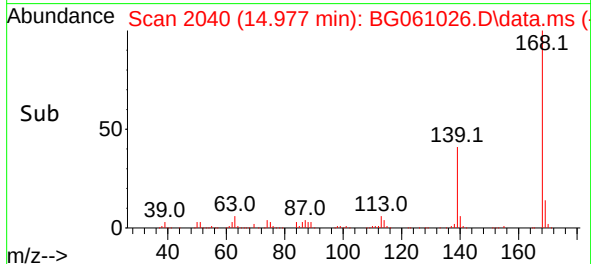
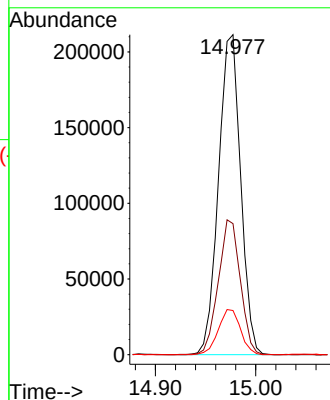
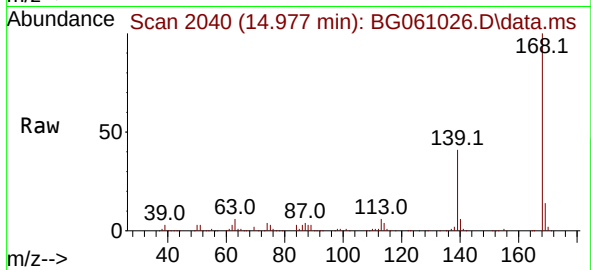
Tgt Ion:168 Resp: 323299

Ion Ratio Lower Upper

168 100

139 41.0 32.4 48.6

169 13.8 10.6 15.8



#56

4-Nitrophenol

Concen: 89.535 ng

RT: 14.795 min Scan# 2009

Delta R.T. 0.013 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

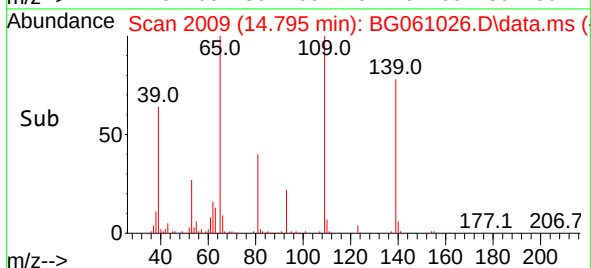
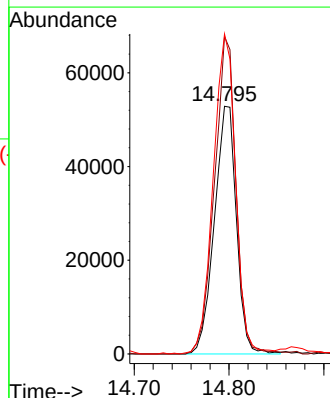
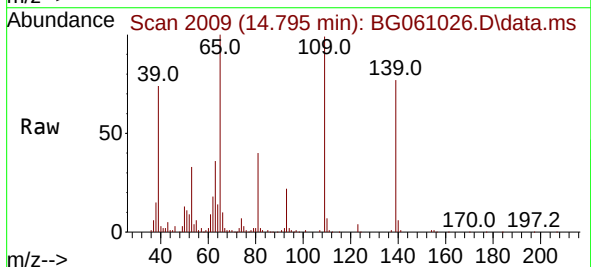
Tgt Ion:139 Resp: 85663

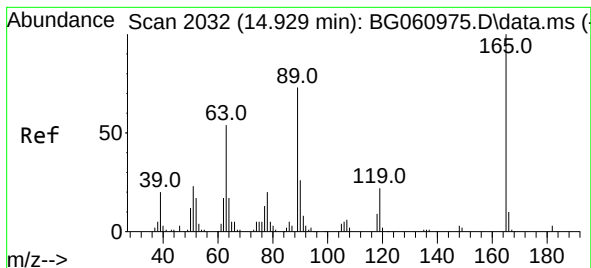
Ion Ratio Lower Upper

139 100

109 128.1 104.1 144.1

65 129.2 112.0 152.0

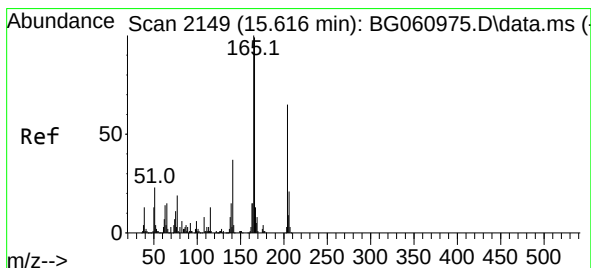
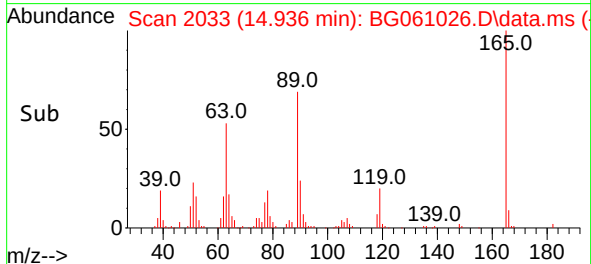
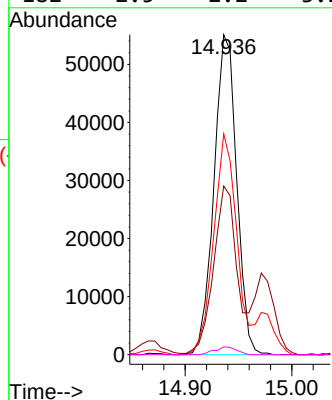
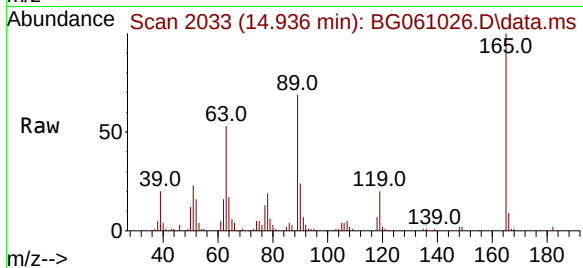




#57
2,4-Dinitrotoluene
Concen: 41.725 ng
RT: 14.936 min Scan# 2033
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

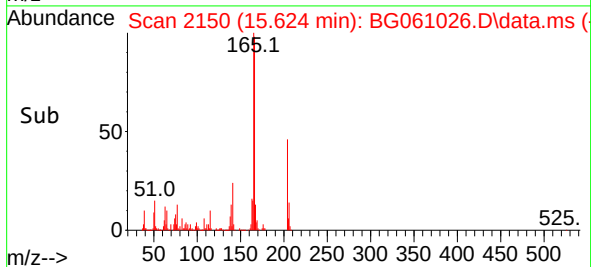
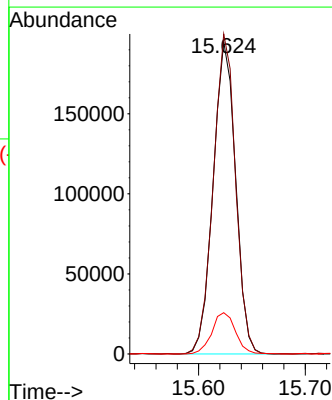
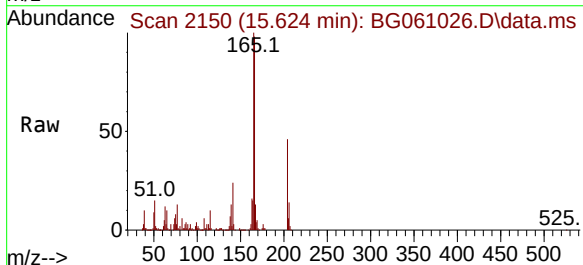
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

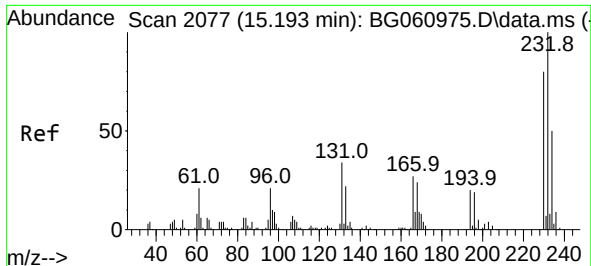
Tgt Ion:	165	Resp:	81389
Ion	Ratio	Lower	Upper
165	100		
63	52.7	43.4	65.2
89	69.0	58.4	87.6
182	2.5	2.2	3.2



#58
Fluorene
Concen: 46.980 ng
RT: 15.624 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:	166	Resp:	284864
Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.9	121.3
167	13.2	10.5	15.7

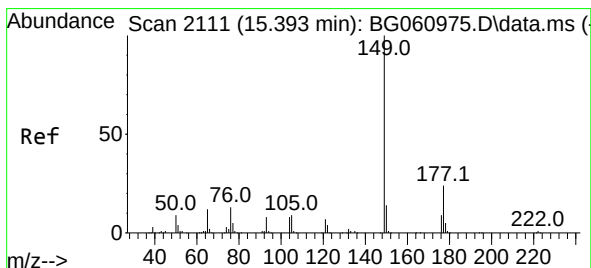
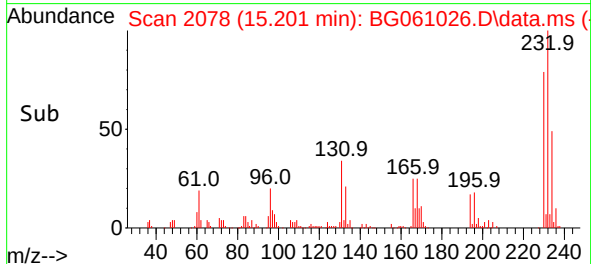
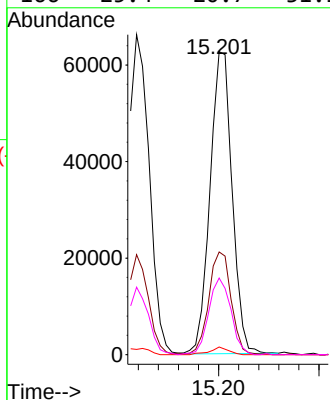
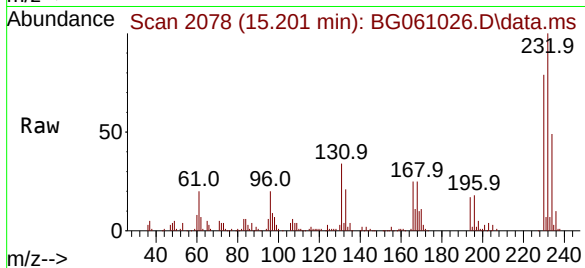




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.517 ng
RT: 15.201 min Scan# 2078
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

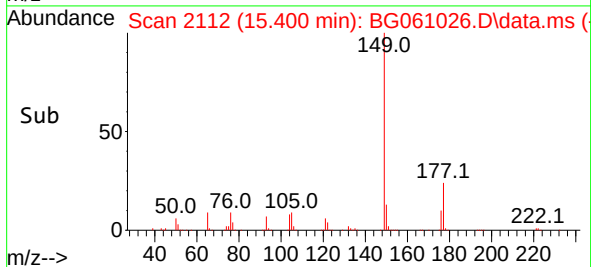
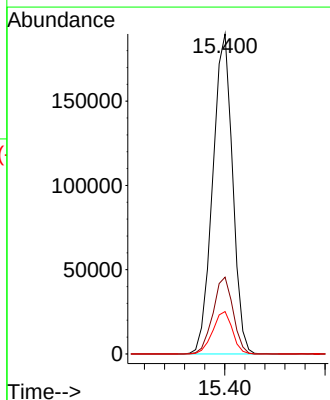
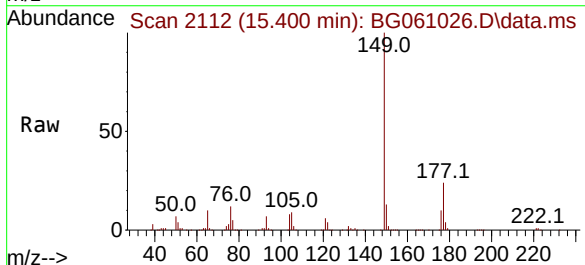
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

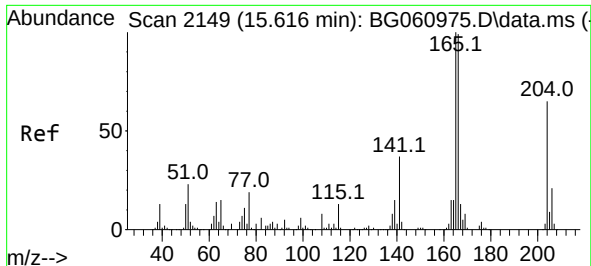
Tgt Ion:232 Resp: 95534
Ion Ratio Lower Upper
232 100
131 34.4 27.4 41.0
130 2.1 1.5 2.3
166 25.4 20.7 31.1



#60
Diethylphthalate
Concen: 40.742 ng
RT: 15.400 min Scan# 2112
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:149 Resp: 260432
Ion Ratio Lower Upper
149 100
177 24.0 18.8 28.2
150 13.2 11.2 16.8

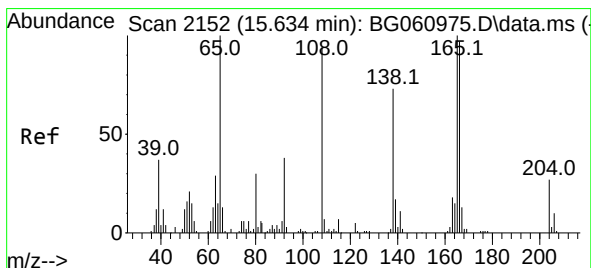
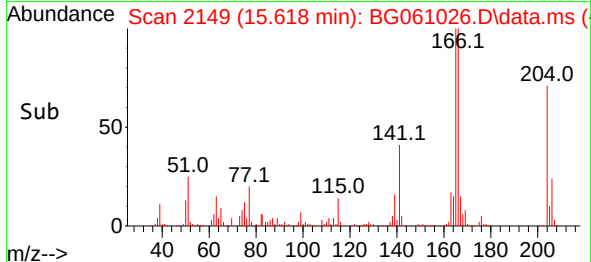
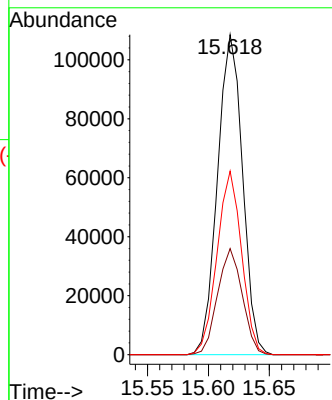
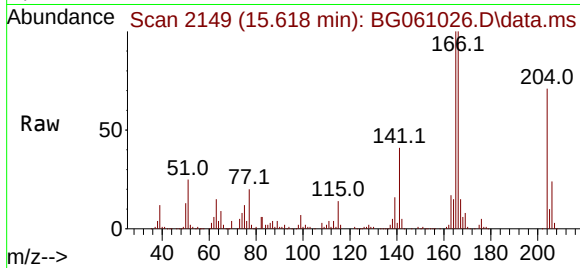




#61
4-Chlorophenyl-phenylether
Concen: 41.527 ng
RT: 15.618 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

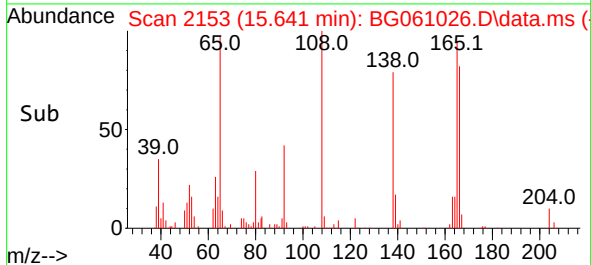
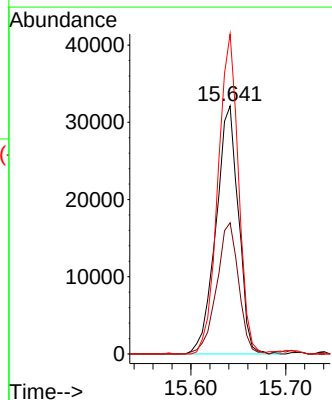
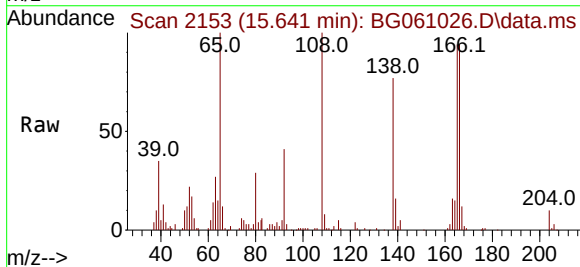
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

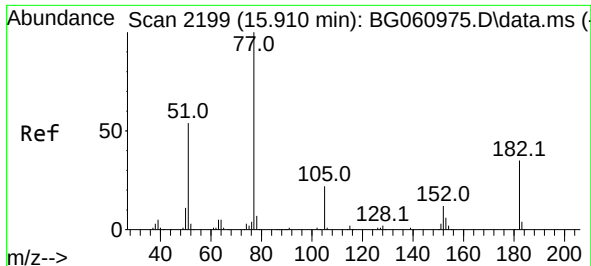
Tgt Ion:204 Resp: 155295
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 57.4 45.4 68.0



#62
4-Nitroaniline
Concen: 36.748 ng
RT: 15.641 min Scan# 2153
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:138 Resp: 52917
Ion Ratio Lower Upper
138 100
92 52.9 32.2 72.2
108 129.0 109.0 149.0

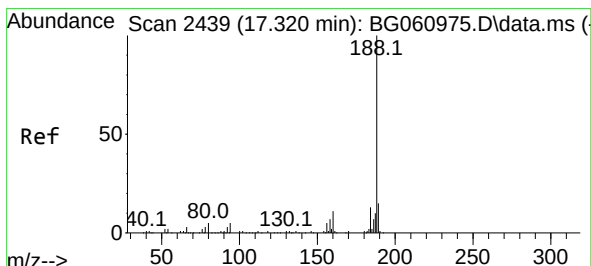
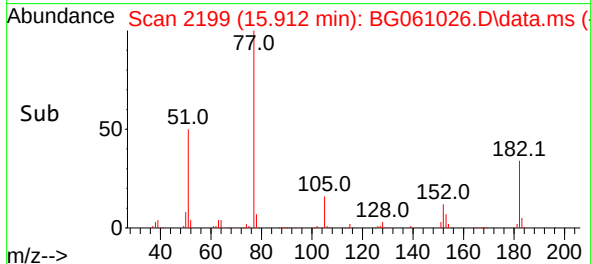
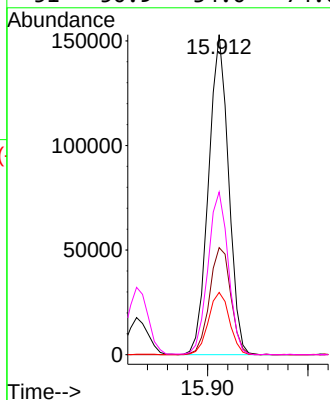
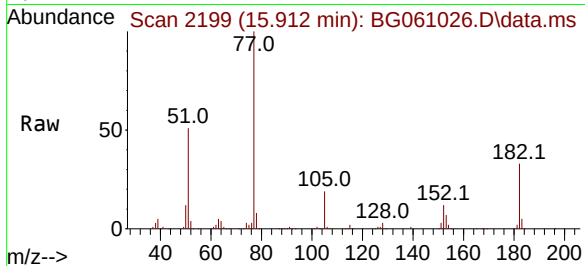




#63
 Azobenzene
 Concen: 40.796 ng
 RT: 15.912 min Scan# 2199
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

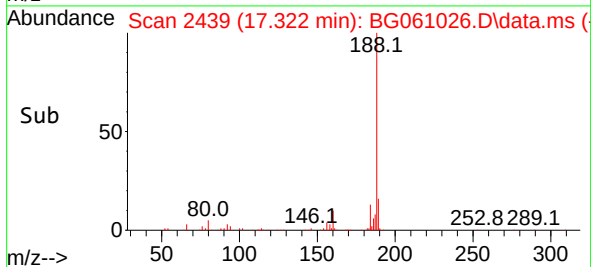
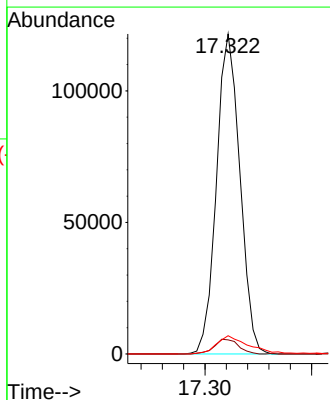
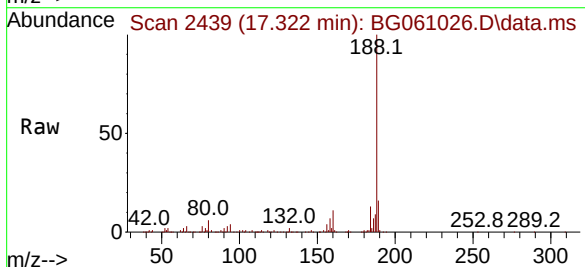
Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

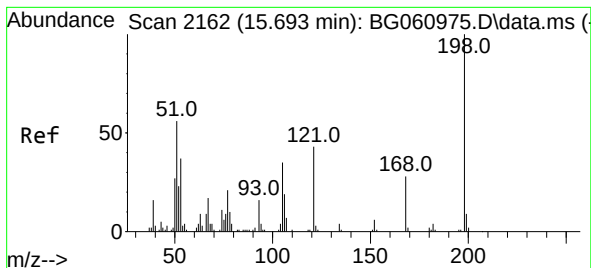
Tgt Ion: 77	Resp: 212110
Ion Ratio	Lower Upper
77 100	
182 33.5	14.5 54.5
105 19.5	1.9 41.9
51 50.9	34.0 74.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.322 min Scan# 2439
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

Tgt Ion:188	Resp: 185031
Ion Ratio	Lower Upper
188 100	
94 4.4	4.1 6.1
80 5.7	4.0 6.0

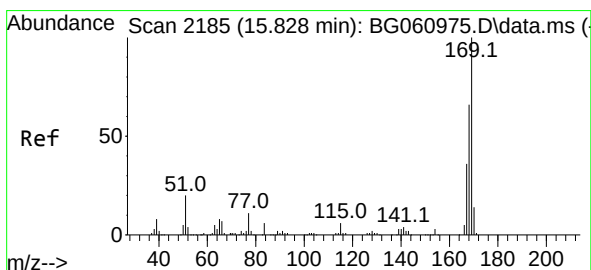
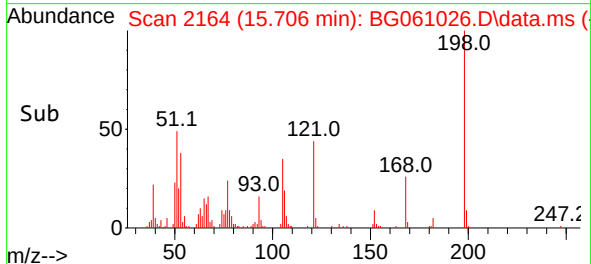
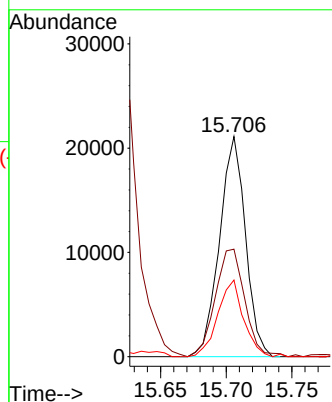
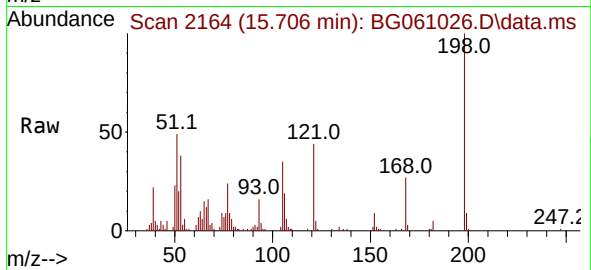




#65
4,6-Dinitro-2-methylphenol
Concen: 25.417 ng
RT: 15.706 min Scan# 2164
Delta R.T. 0.013 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

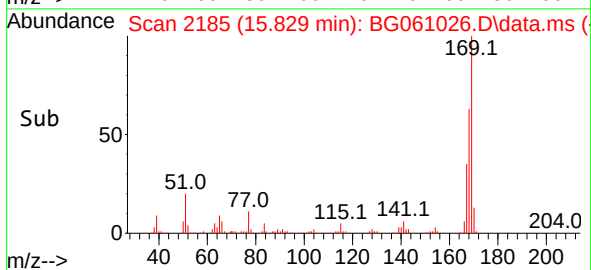
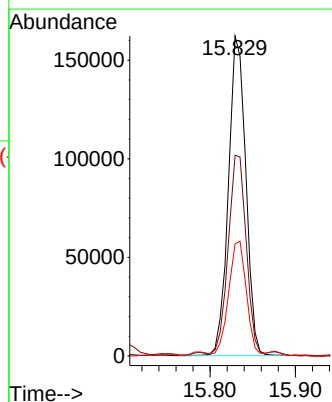
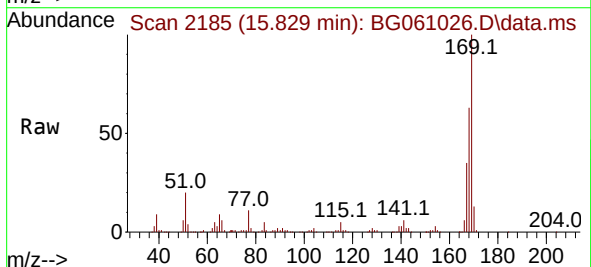
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

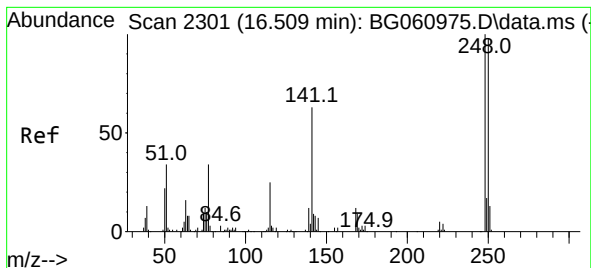
Tgt Ion:198 Resp: 29039
Ion Ratio Lower Upper
198 100
51 48.8 38.6 78.6
105 34.8 14.5 54.5



#66
n-Nitrosodiphenylamine
Concen: 45.176 ng
RT: 15.829 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:169 Resp: 230296
Ion Ratio Lower Upper
169 100
168 62.7 52.5 78.7
167 35.1 28.8 43.2

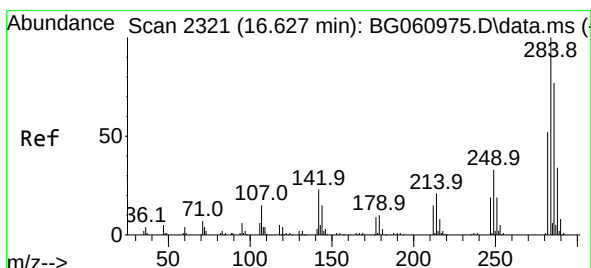
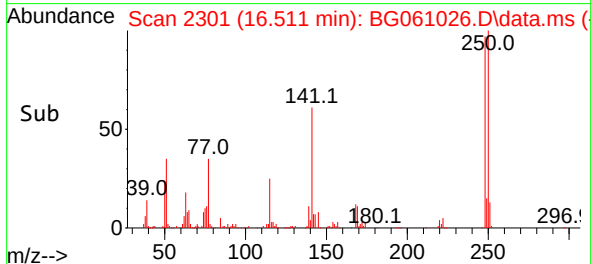
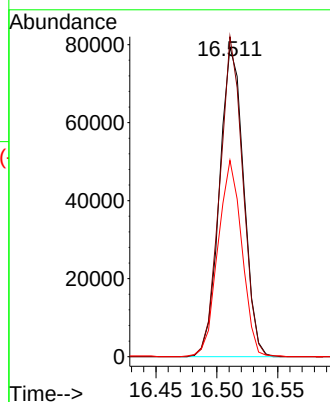
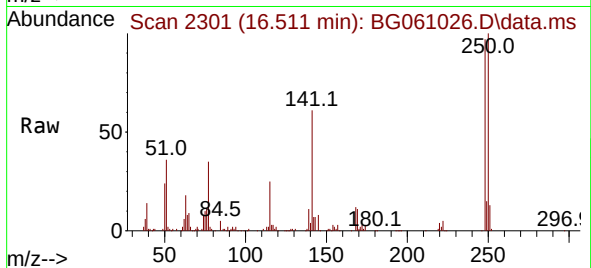




#67
4-Bromophenyl-phenylether
Concen: 44.739 ng
RT: 16.511 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

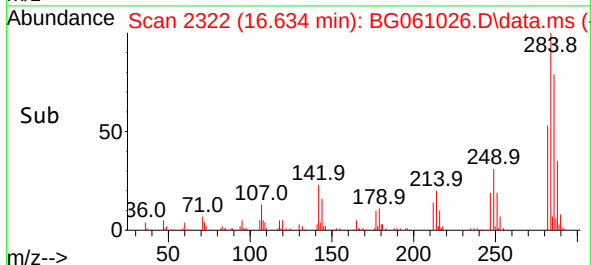
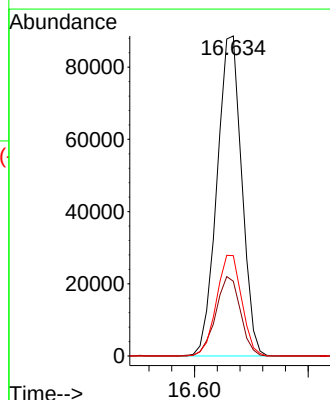
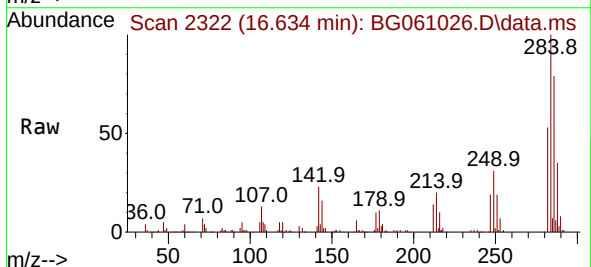
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

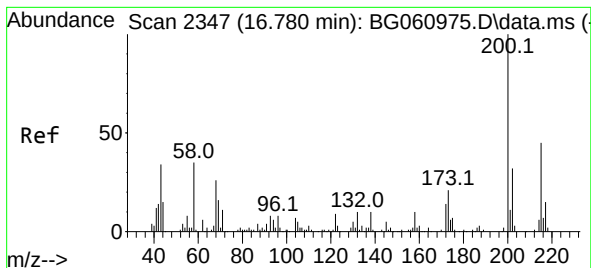
Tgt Ion:248 Resp: 109251
Ion Ratio Lower Upper
248 100
250 103.3 78.7 118.1
141 63.4 50.4 75.6



#68
Hexachlorobenzene
Concen: 49.692 ng
RT: 16.634 min Scan# 2322
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:284 Resp: 134034
Ion Ratio Lower Upper
284 100
142 23.4 18.7 28.1
249 31.4 26.4 39.6





#69

Atrazine

Concen: 51.735 ng

RT: 16.787 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

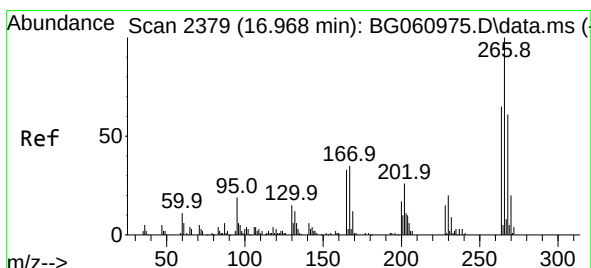
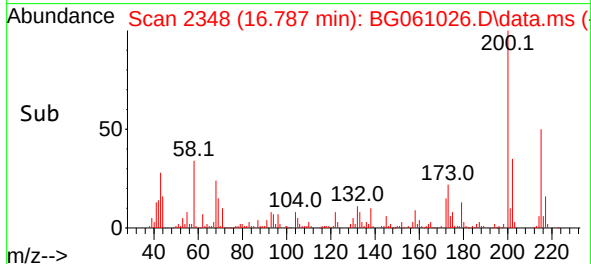
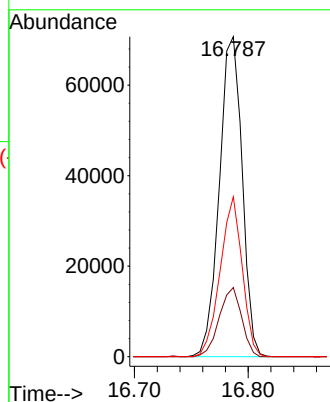
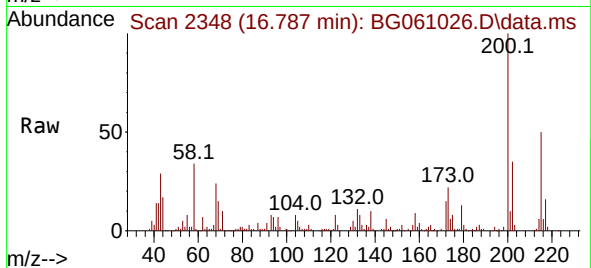
Tgt Ion:200 Resp: 98706

Ion Ratio Lower Upper

200 100

173 21.6 1.4 41.4

215 49.9 25.3 65.3



#70

Pentachlorophenol

Concen: 96.862 ng

RT: 16.975 min Scan# 2380

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

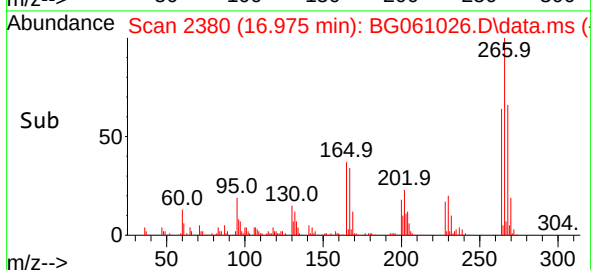
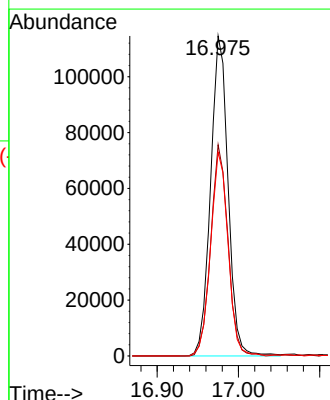
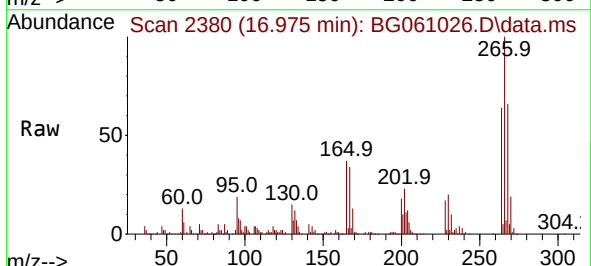
Tgt Ion:266 Resp: 171320

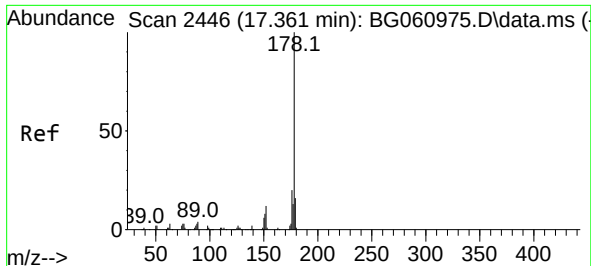
Ion Ratio Lower Upper

266 100

268 66.0 49.1 73.7

264 63.7 52.2 78.2

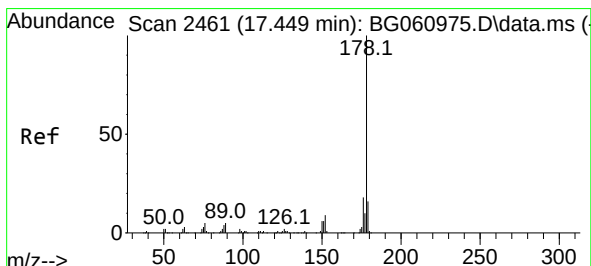
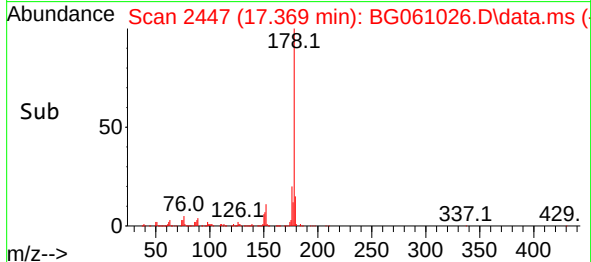
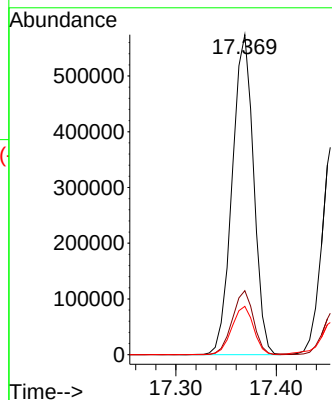
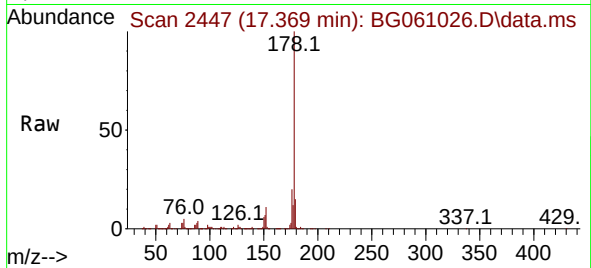




#71
Phenanthrene
Concen: 90.178 ng
RT: 17.369 min Scan# 2446
Delta R.T. 0.008 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

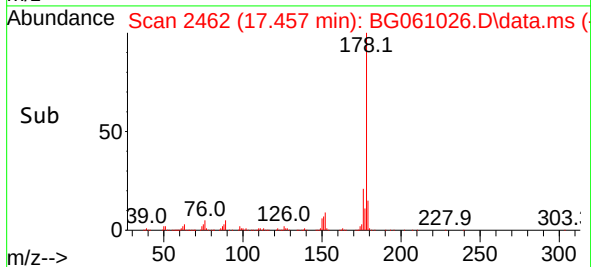
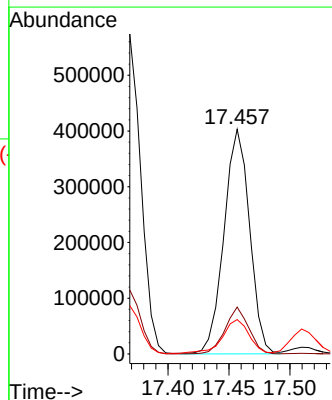
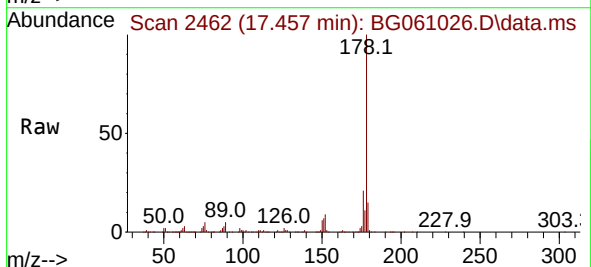
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

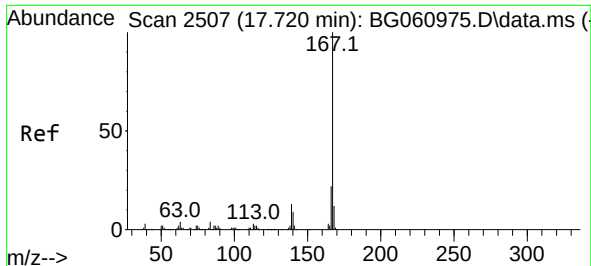
Tgt Ion:178 Resp: 851693
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.1 12.5 18.7



#72
Anthracene
Concen: 60.700 ng
RT: 17.457 min Scan# 2462
Delta R.T. 0.007 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:178 Resp: 590433
Ion Ratio Lower Upper
178 100
176 20.9 14.7 22.1
179 15.3 12.4 18.6

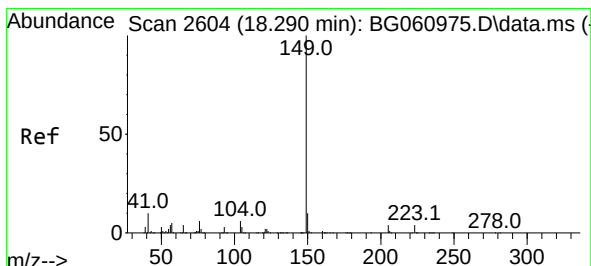
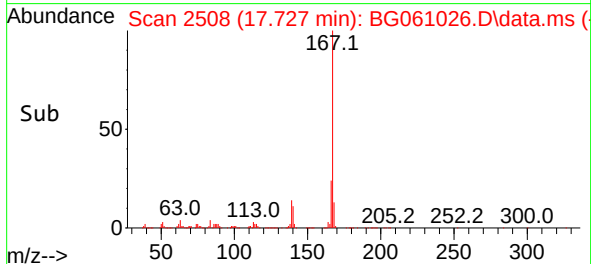
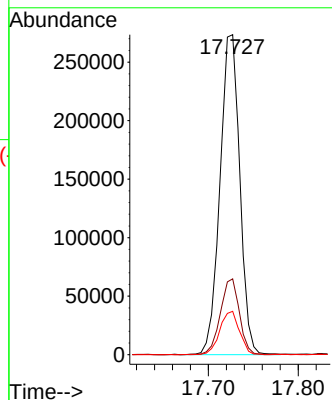
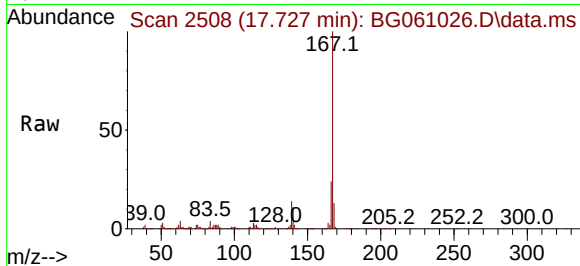




#73
 Carbazole
 Concen: 51.785 ng
 RT: 17.727 min Scan# 2508
 Delta R.T. 0.007 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

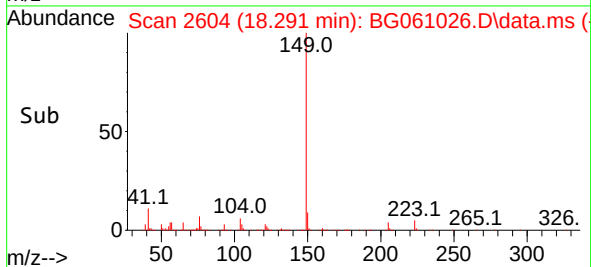
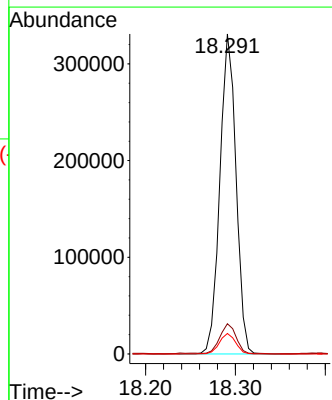
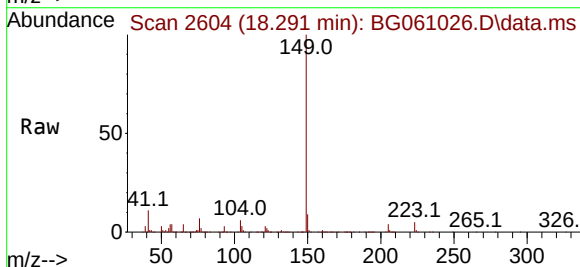
Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

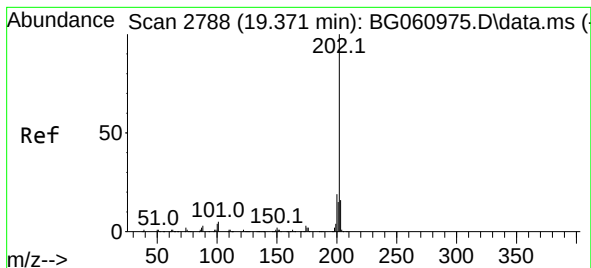
Tgt Ion:167 Resp: 418336
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.8 26.8
 139 13.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.067 ng
 RT: 18.291 min Scan# 2604
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

Tgt Ion:149 Resp: 412593
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 111.534 ng

RT: 19.384 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

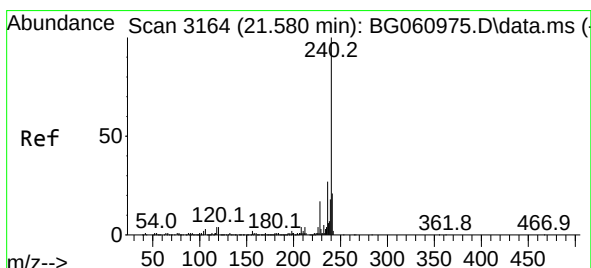
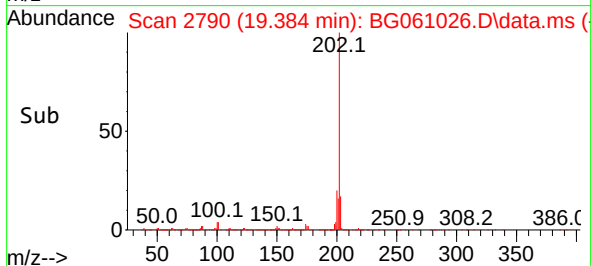
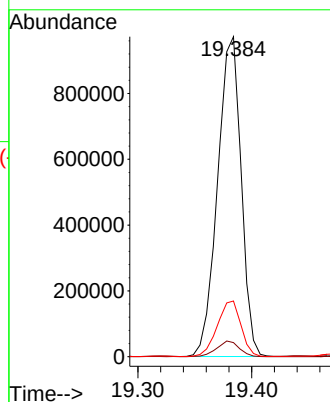
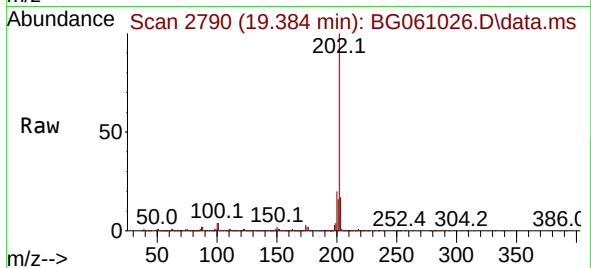
Tgt Ion:202 Resp: 1397986

Ion Ratio Lower Upper

202 100

101 4.4 0.0 24.9

203 17.4 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3165

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

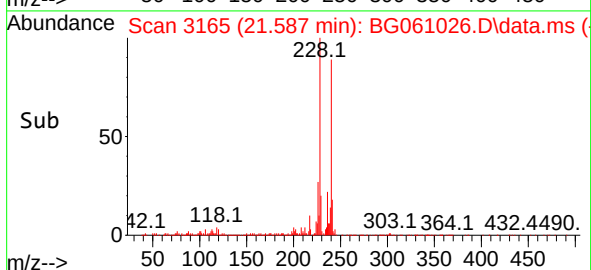
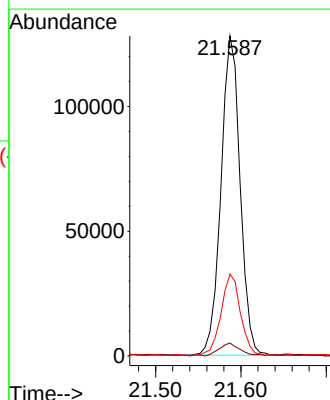
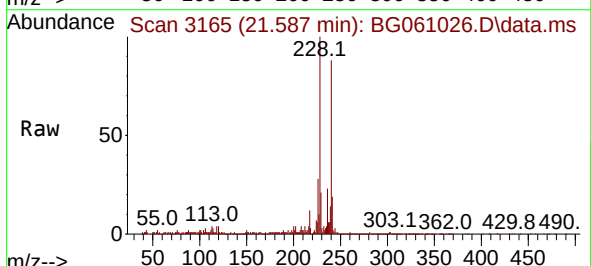
Tgt Ion:240 Resp: 199640

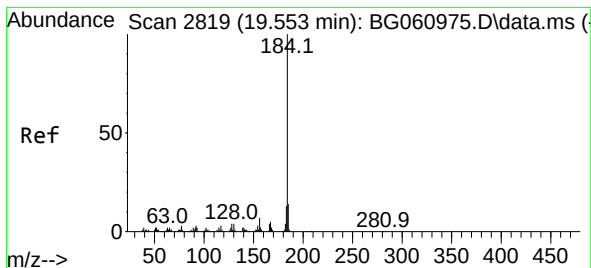
Ion Ratio Lower Upper

240 100

120 4.1 3.0 4.6

236 25.6 21.8 32.6





#77

Benzidine

Concen: 57.584 ng

RT: 19.560 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

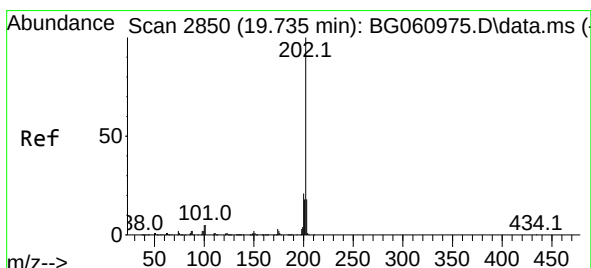
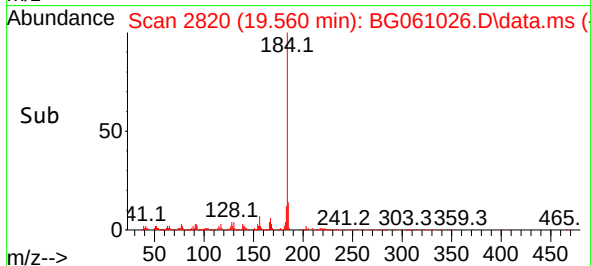
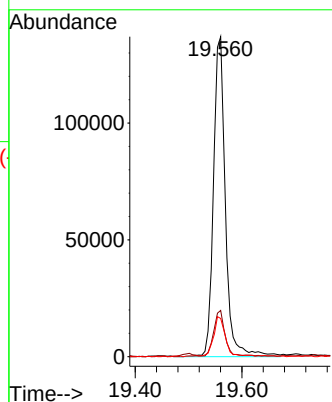
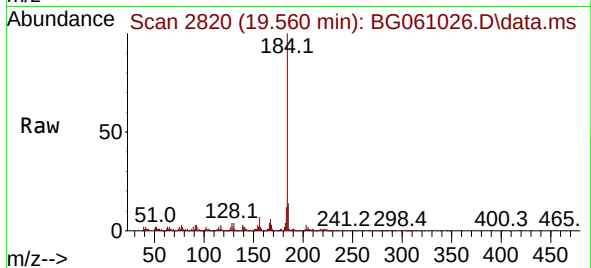
Tgt Ion:184 Resp: 213011

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 11.9 10.2 15.2



#78

Pyrene

Concen: 93.403 ng

RT: 19.742 min Scan# 2851

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

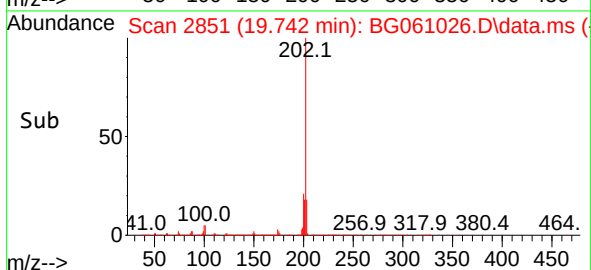
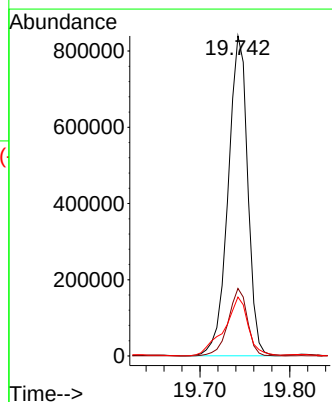
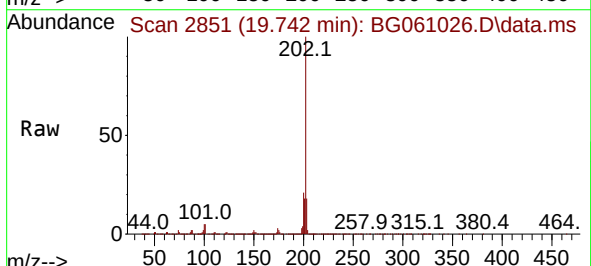
Tgt Ion:202 Resp: 1269669

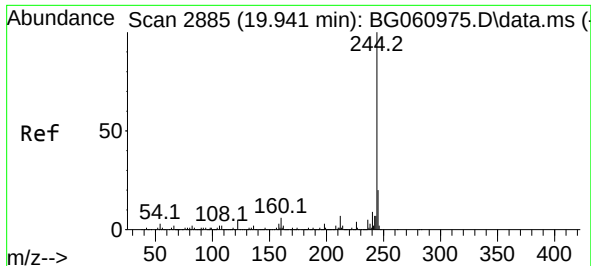
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.4 14.2 21.2



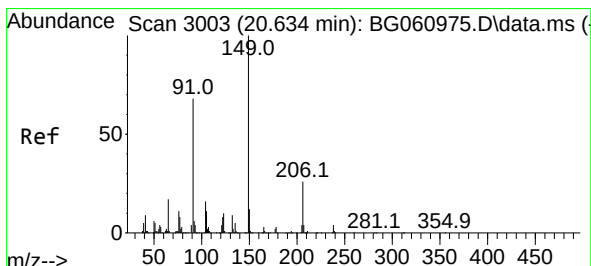
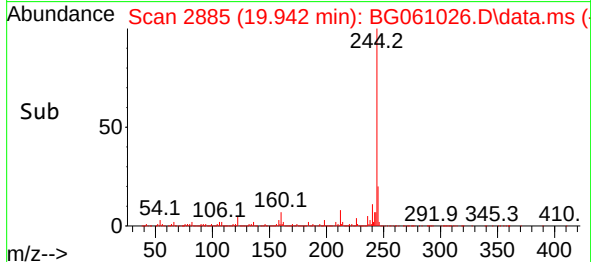
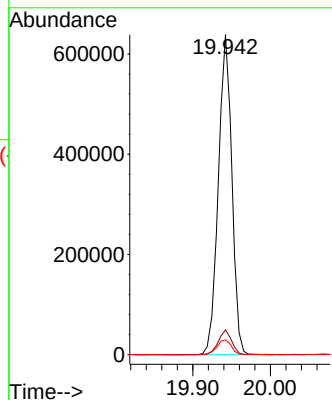
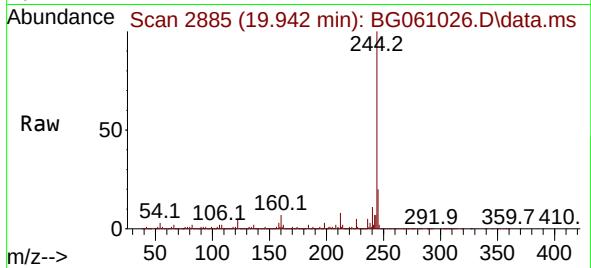


#79
 Terphenyl-d14
 Concen: 60.114 ng
 RT: 19.942 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion:244 Resp: 773157

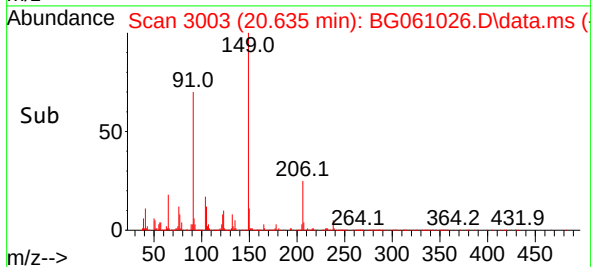
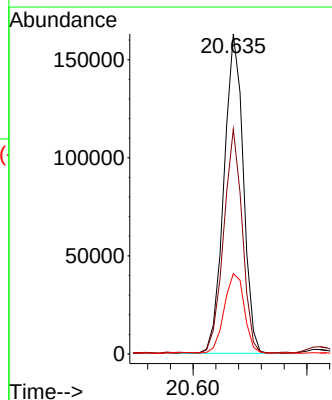
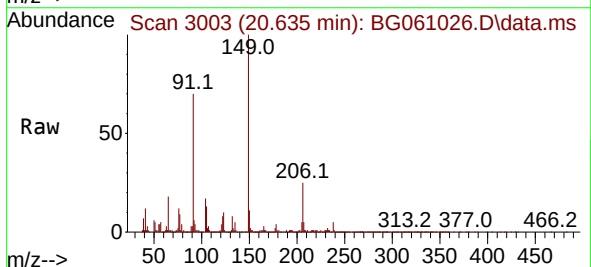
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	4.6	4.2	6.2

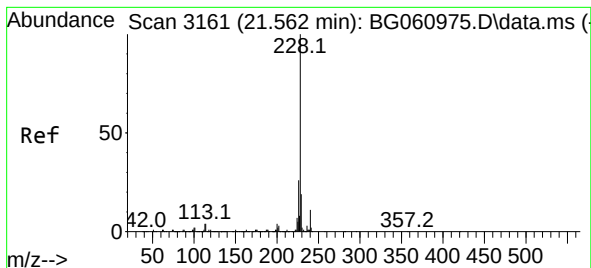


#80
 Butylbenzylphthalate
 Concen: 42.337 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG061026.D
 Acq: 24 Apr 2024 15:24

Tgt Ion:149 Resp: 191819

Ion	Ratio	Lower	Upper
149	100		
91	70.3	54.4	81.6
206	25.1	20.8	31.2





#81

Benzo(a)anthracene

Concen: 75.779 ng

RT: 21.570 min Scan# 3162

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

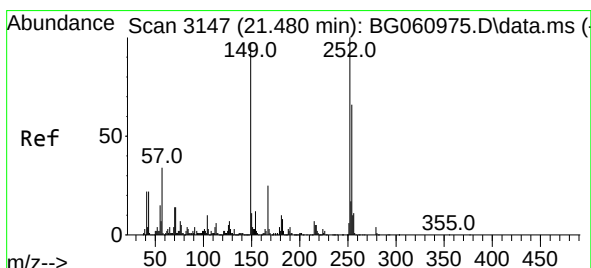
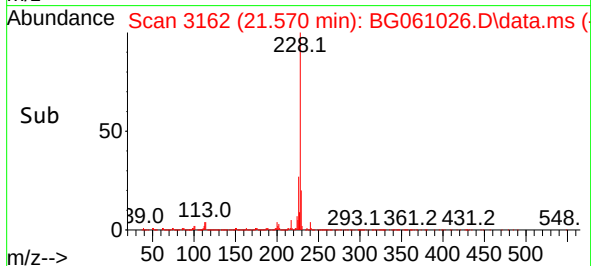
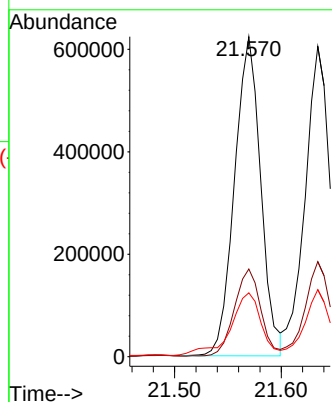
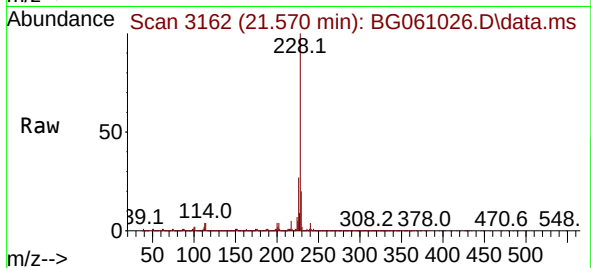
Tgt Ion:228 Resp: 1063623

Ion Ratio Lower Upper

228 100

226 27.4 21.0 31.4

229 20.0 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 38.655 ng

RT: 21.481 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

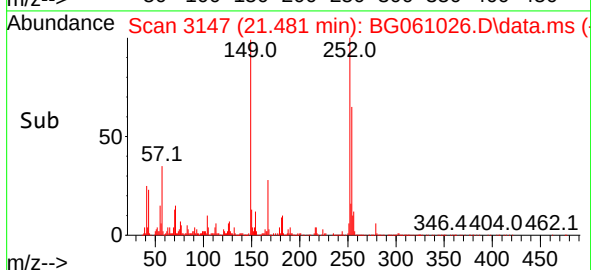
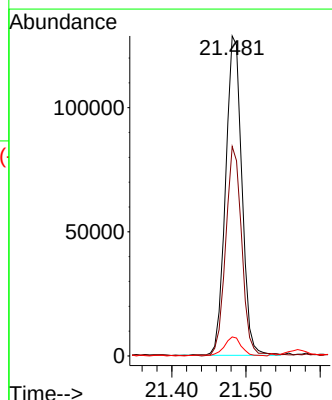
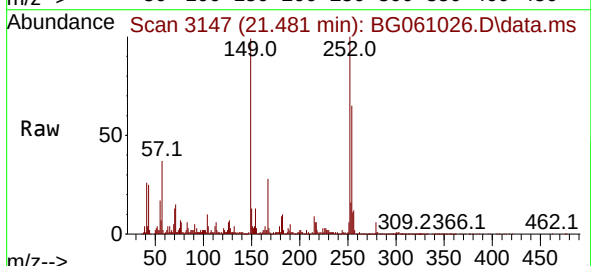
Tgt Ion:252 Resp: 196080

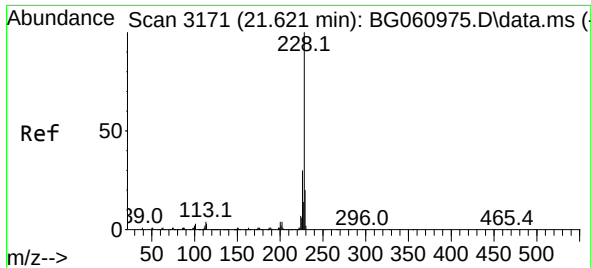
Ion Ratio Lower Upper

252 100

254 65.4 52.7 79.1

126 5.9 4.2 6.2





#83

Chrysene

Concen: 72.444 ng

RT: 21.634 min Scan# 3173

Delta R.T. 0.013 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

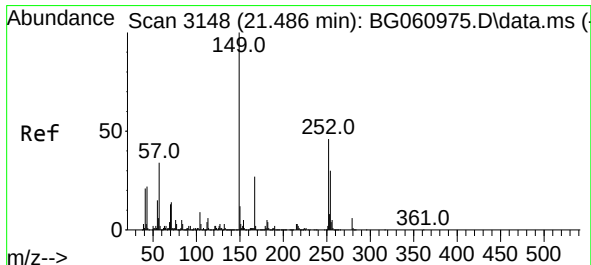
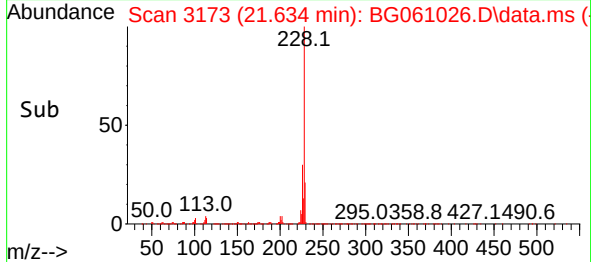
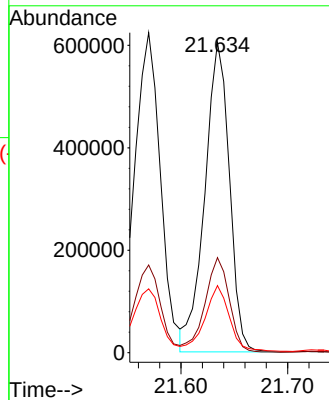
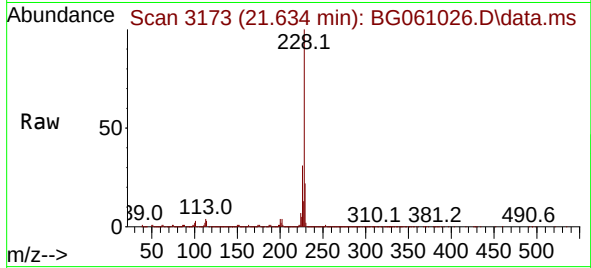
Tgt Ion:228 Resp: 968089

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 21.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.377 ng

RT: 21.493 min Scan# 3149

Delta R.T. 0.007 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

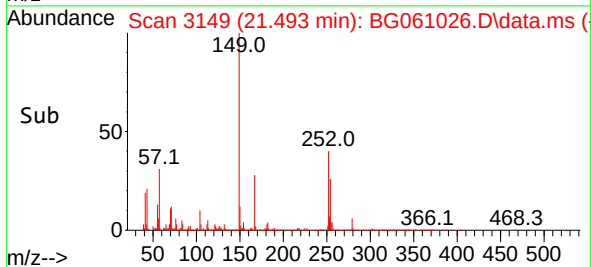
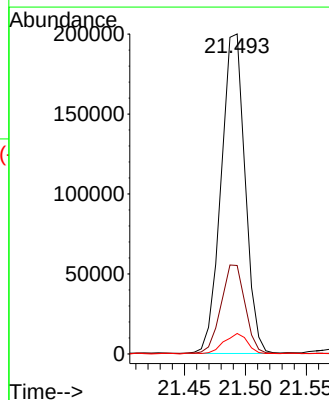
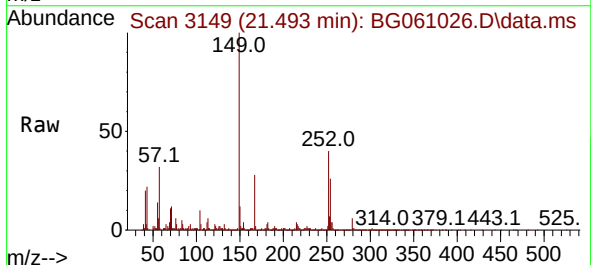
Tgt Ion:149 Resp: 272555

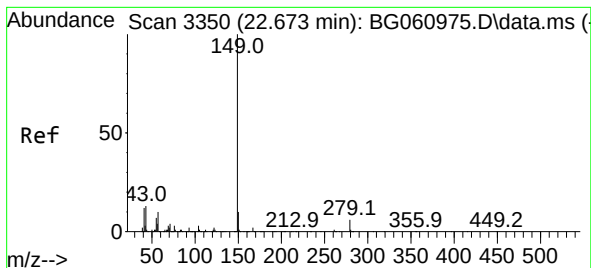
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 6.4 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 42.910 ng

RT: 22.674 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

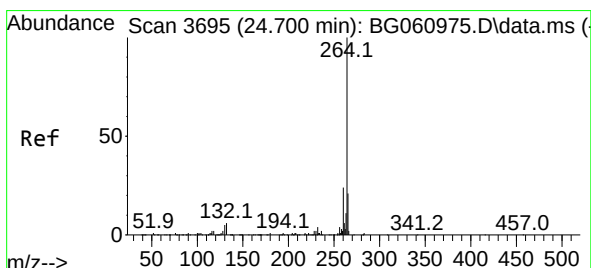
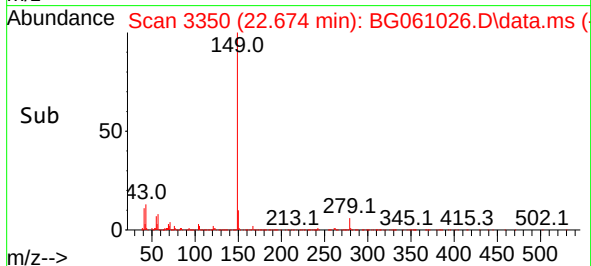
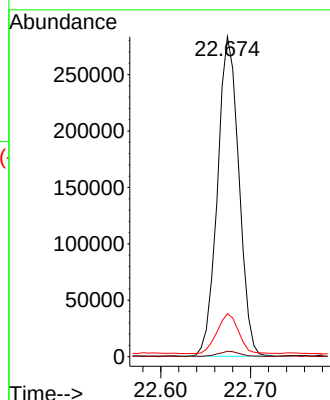
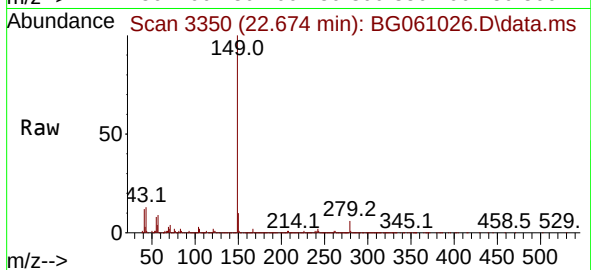
Tgt Ion:149 Resp: 469272

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 13.2 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.719 min Scan# 3698

Delta R.T. 0.019 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

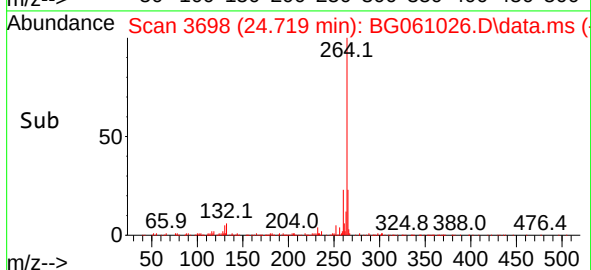
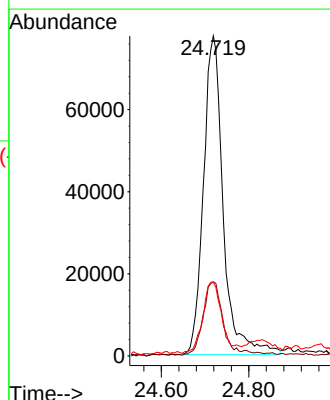
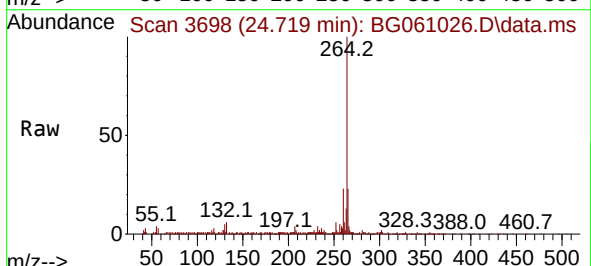
Tgt Ion:264 Resp: 244085

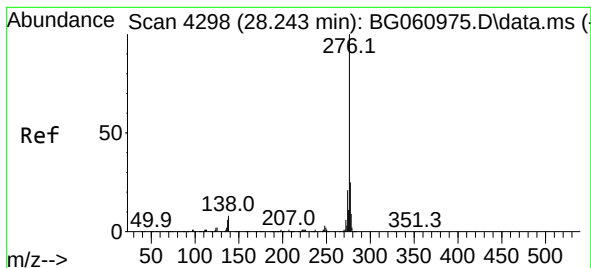
Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 23.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.355 ng

RT: 28.279 min Scan# 41

Delta R.T. 0.037 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

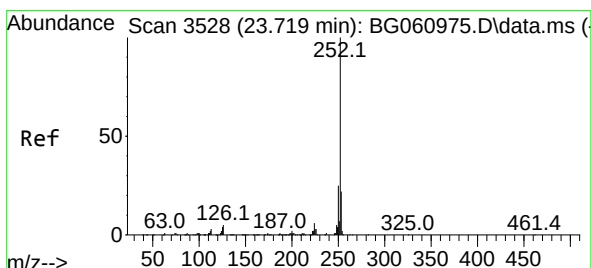
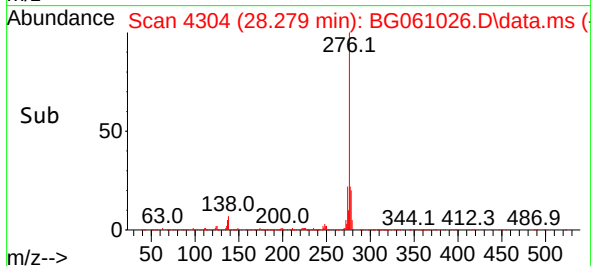
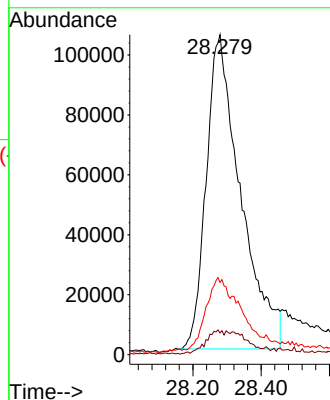
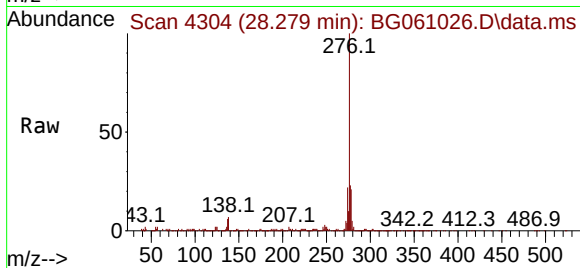
Tgt Ion:276 Resp: 734097

Ion Ratio Lower Upper

276 100

138 3.9 5.3 7.9#

277 22.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 71.765 ng

RT: 23.738 min Scan# 3531

Delta R.T. 0.019 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

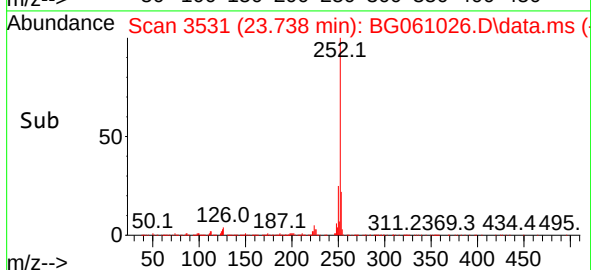
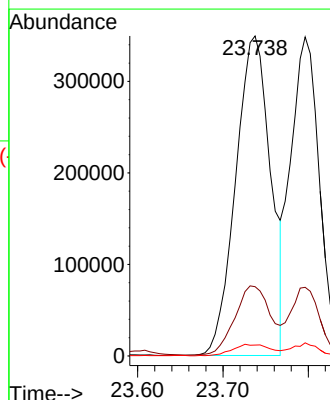
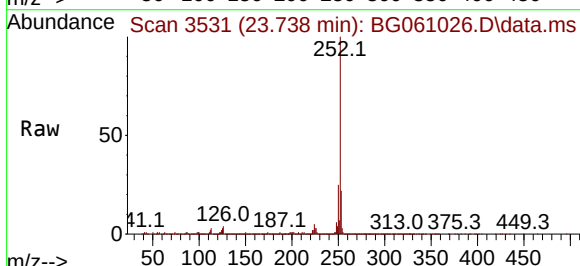
Tgt Ion:252 Resp: 992658

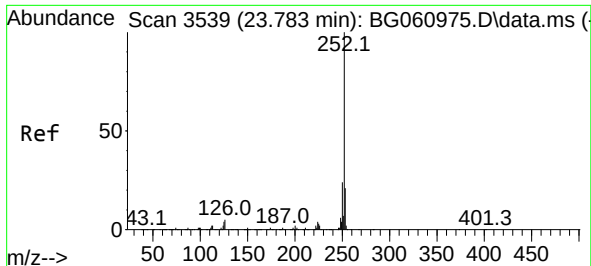
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 3.4 3.3 4.9

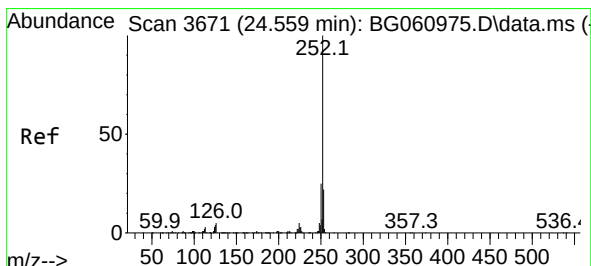
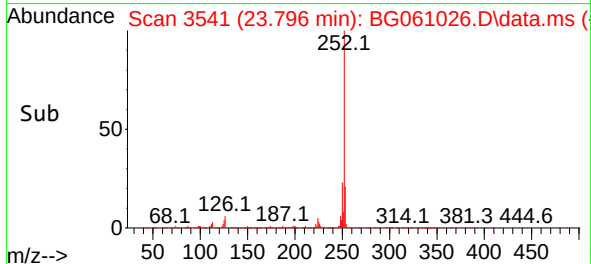
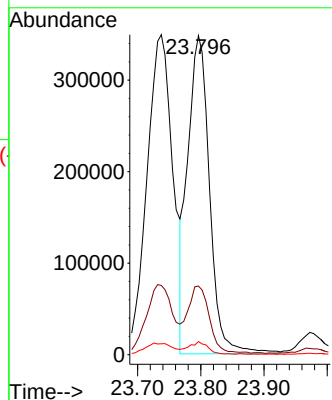
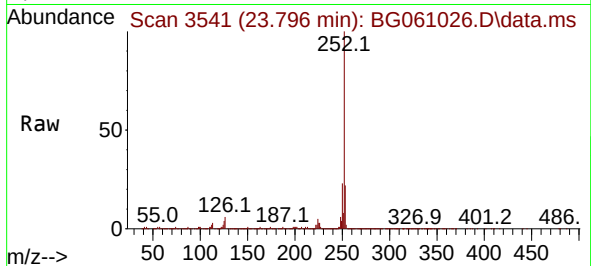




#89
Benzo(k)fluoranthene
Concen: 59.926 ng
RT: 23.796 min Scan# 3541
Delta R.T. 0.013 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

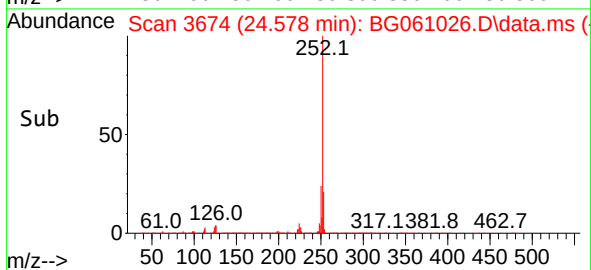
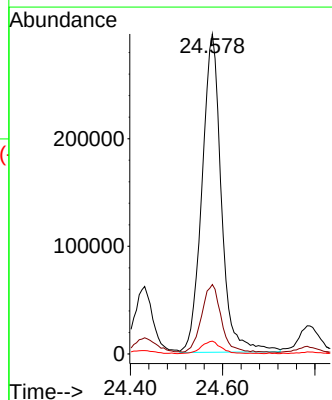
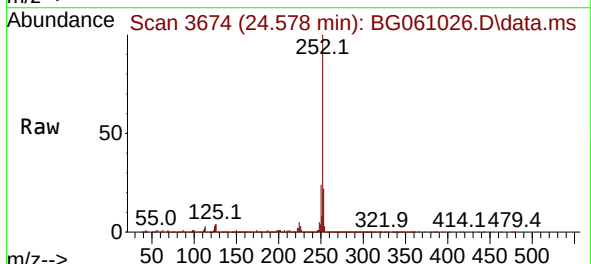
Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

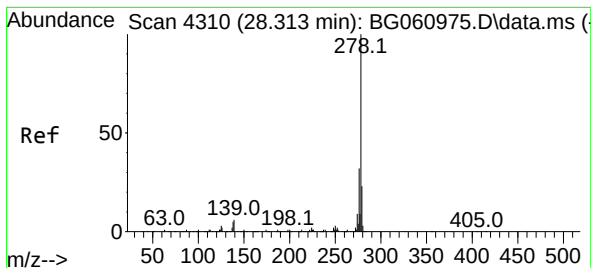
Tgt Ion:252 Resp: 836770
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 4.1 3.3 4.9



#90
Benzo(a)pyrene
Concen: 64.608 ng
RT: 24.578 min Scan# 3674
Delta R.T. 0.019 min
Lab File: BG061026.D
Acq: 24 Apr 2024 15:24

Tgt Ion:252 Resp: 865003
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 4.0 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 38.355 ng

RT: 28.332 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-SOILMS

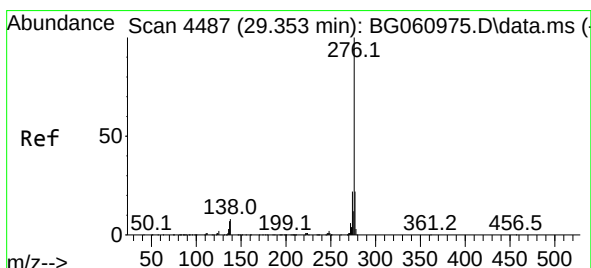
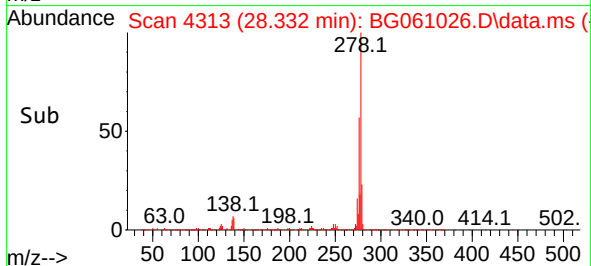
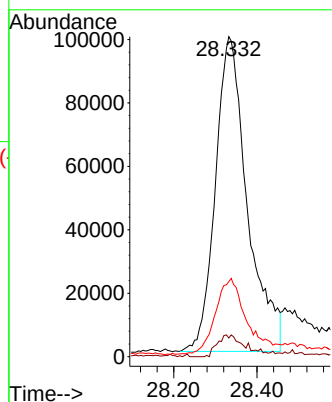
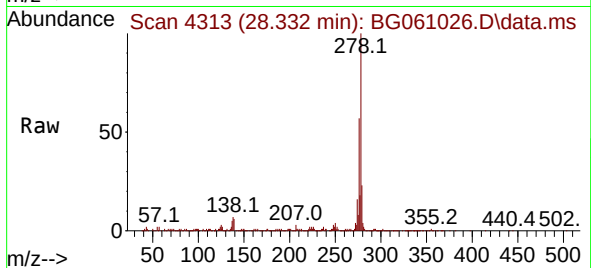
Tgt Ion:278 Resp: 530596

Ion Ratio Lower Upper

278 100

139 5.9 4.7 7.1

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 36.480 ng

RT: 29.384 min Scan# 4492

Delta R.T. 0.031 min

Lab File: BG061026.D

Acq: 24 Apr 2024 15:24

Tgt Ion:276 Resp: 500386

Ion Ratio Lower Upper

276 100

277 22.2 18.0 27.0

138 6.8 6.5 9.7

