

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
 Data File : BG057450.D
 Acq On : 17 May 2023 18:48
 Operator : CG/JU
 Sample : 02213-01
 Misc : LOD-MDL-SOIL-4ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: May 18 01:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	16233	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	64777	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	52896	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	134056	20.000	ng	0.00
76) Chrysene-d12	22.024	240	130644	20.000	ng	0.00
86) Perylene-d12	25.531	264	138734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	93770	98.813	ng	0.00
7) Phenol-d6	7.497	99	138989	96.451	ng	0.00
23) Nitrobenzene-d5	9.541	82	105642	68.448	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	83048	110.651	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	286369	72.913	ng	0.00
79) Terphenyl-d14	20.285	244	552425	69.005	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	1489	3.795	ng	# 83
3) Pyridine	4.119	79	3069	2.434	ng	# 89
4) n-Nitrosodimethylamine	4.013	42	1319	2.226	ng	# 94
6) Aniline	7.673	93	6155	3.367	ng	# 96
8) 2-Chlorophenol	7.920	128	3597	3.587	ng	90
9) Benzaldehyde	7.491	77	4144	Below Cal		92
10) Phenol	7.526	94	4802	3.418	ng	88
11) bis(2-Chloroethyl)ether	7.761	93	3354	3.166	ng	96
12) 1,3-Dichlorobenzene	8.249	146	4372	3.950	ng	91
13) 1,4-Dichlorobenzene	8.249	146	4372	3.933	ng	87
14) 1,2-Dichlorobenzene	8.719	146	4123	3.842	ng	95
15) Benzyl Alcohol	8.595	79	3488	2.905	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.871	45	4216	3.158	ng	95
17) 2-Methylphenol	8.801	107	3169	3.130	ng	95
18) Hexachloroethane	9.453	117	1492	3.719	ng	# 89
19) n-Nitroso-di-n-propyla...	9.159	70	3573	3.252	ng	# 94
20) 3+4-Methylphenols	9.130	107	4170	3.007	ng	96
22) Acetophenone	9.189	105	6460	3.484	ng	# 93
24) Nitrobenzene	9.582	77	5487	3.522	ng	# 88
25) Isophorone	10.099	82	9399	3.141	ng	99
26) 2-Nitrophenol	10.305	139	2147	3.601	ng	93
27) 2,4-Dimethylphenol	10.346	122	3616	3.463	ng	93
28) bis(2-Chloroethoxy)met...	10.575	93	5036	3.359	ng	98
29) 2,4-Dichlorophenol	10.851	162	4041	3.649	ng	92
30) 1,2,4-Trichlorobenzene	11.057	180	4806	3.763	ng	98
31) Naphthalene	11.250	128	12335	3.562	ng	96
32) Benzoic acid	10.346	122	3616	10.133	ng	# 16
33) 4-Chloroaniline	11.356	127	5134	3.301	ng	97
34) Hexachlorobutadiene	11.521	225	3507	3.700	ng	97
35) Caprolactam	12.102	113	1042	2.755	ng	# 82
36) 4-Chloro-3-methylphenol	12.455	107	4279	3.400	ng	96
37) 2-Methylnaphthalene	12.825	142	9907	3.639	ng	94
38) 1-Methylnaphthalene	13.048	142	8760	3.413	ng	97
40) 1,2,4,5-Tetrachloroben...	13.189	216	7143	3.804	ng	# 98
41) Hexachlorocyclopentadiene	13.160	237	272	6.572	ng	# 27
43) 2,4,6-Trichlorophenol	13.430	196	3749	3.277	ng	94

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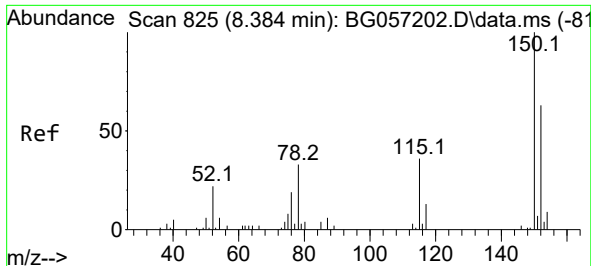
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.512	196	4398	3.268	ng	96
46) 1,1'-Biphenyl	13.812	154	15054	3.835	ng	95
47) 2-Chloronaphthalene	13.865	162	11283	3.866	ng	98
48) 2-Nitroaniline	14.064	65	2957	2.980	ng	95
49) Acenaphthylene	14.705	152	16869	3.557	ng	99
50) Dimethylphthalate	14.405	163	14945	3.438	ng	# 98
51) 2,6-Dinitrotoluene	14.540	165	2979	3.357	ng	86
52) Acenaphthene	15.039	154	10776	3.637	ng	95
53) 3-Nitroaniline	14.875	138	2776	3.122	ng	83
55) Dibenzofuran	15.368	168	18483	3.712	ng	98
56) 4-Nitrophenol	15.210	139	1060	1.793	ng	# 69
57) 2,4-Dinitrotoluene	15.327	165	4255	3.355	ng	# 89
58) Fluorene	16.015	166	14909	3.636	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.598	232	4067	3.333	ng	# 93
60) Diethylphthalate	15.750	149	14893	3.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.997	204	8931	3.615	ng	# 94
62) 4-Nitroaniline	16.038	138	2713	3.025	ng	# 73
63) Azobenzene	16.291	77	13288	3.120	ng	97
65) 4,6-Dinitro-2-methylph...	16.103	198	1585	1.980	ng	94
66) n-Nitrosodiphenylamine	16.208	169	12567	3.452	ng	95
67) 4-Bromophenyl-phenylether	16.890	248	5766	3.523	ng	97
68) Hexachlorobenzene	17.019	284	5720	3.597	ng	96
69) Atrazine	17.137	200	5275	3.798	ng	96
70) Pentachlorophenol	17.401	266	384	0.419	ng	87
71) Phenanthrene	17.759	178	25444	3.704	ng	94
72) Anthracene	17.847	178	25730	3.650	ng	96
73) Carbazole	18.118	167	21570	3.635	ng	95
74) Di-n-butylphthalate	18.629	149	23296	3.412	ng	97
75) Fluoranthene	19.745	202	30672	3.590	ng	99
77) Benzidine	19.915	184	15354	5.257	ng	97
78) Pyrene	20.109	202	31789	3.349	ng	98
80) Butylbenzylphthalate	20.955	149	10068	3.342	ng	93
81) Benzo(a)anthracene	22.001	228	32464	3.488	ng	96
82) 3,3'-Dichlorobenzidine	21.901	252	12217	4.098	ng	96
83) Chrysene	22.077	228	30797	3.517	ng	96
84) Bis(2-ethylhexyl)phtha...	21.848	149	14957	3.356	ng	99
85) Di-n-octyl phthalate	23.140	149	25008	3.366	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.579	276	35063	3.468	ng	# 95
88) Benzo(b)fluoranthene	24.480	252	32620	3.597	ng	98
89) Benzo(k)fluoranthene	24.480	252	32620	3.540	ng	97
90) Benzo(a)pyrene	25.361	252	27641	3.120	ng	# 98
91) Dibenzo(a,h)anthracene	29.626	278	28662	3.404	ng	# 98
92) Benzo(g,h,i)perylene	30.836	276	28398	3.454	ng	97

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

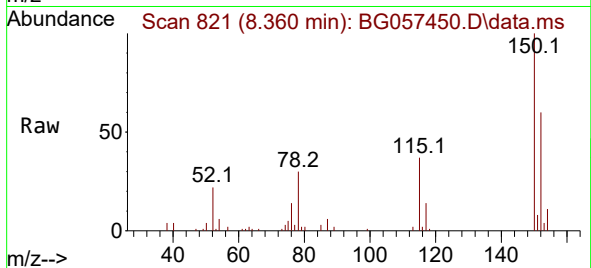
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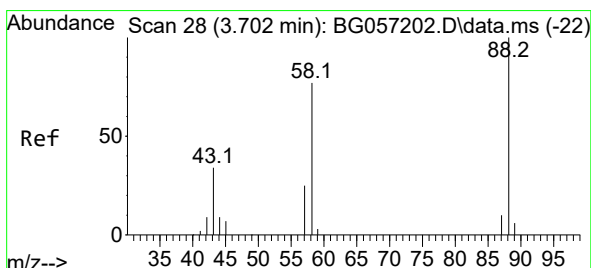
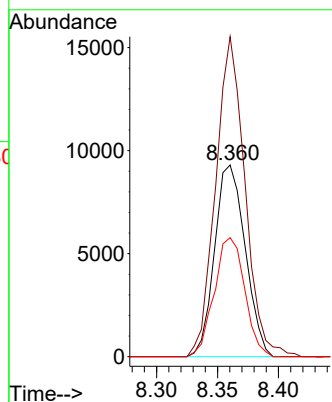
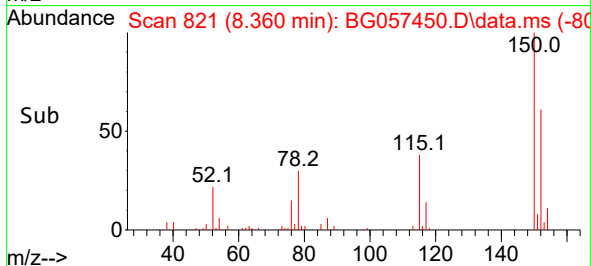


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

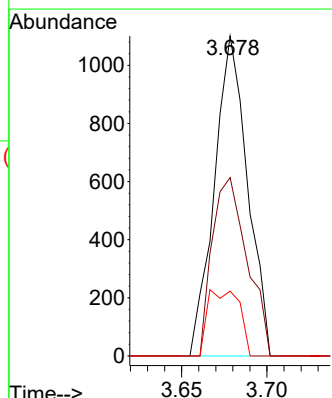
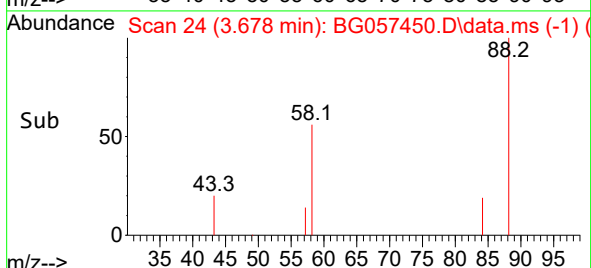
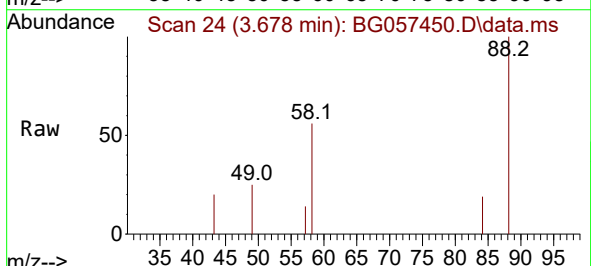


Tgt Ion:152 Resp: 16233
Ion Ratio Lower Upper
152 100
150 166.9 126.2 189.4
115 62.1 45.0 67.4



#2
1,4-Dioxane
Concen: 3.795 ng
RT: 3.678 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 88 Resp: 1489
Ion Ratio Lower Upper
88 100
58 58.7 57.1 85.7
43 19.7 24.4 36.6#

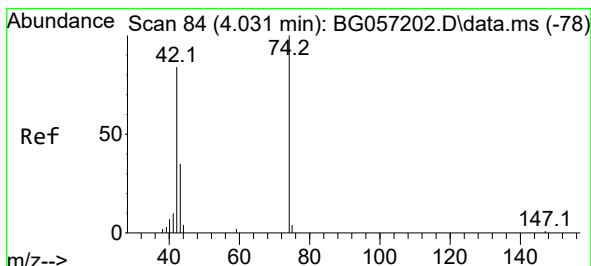
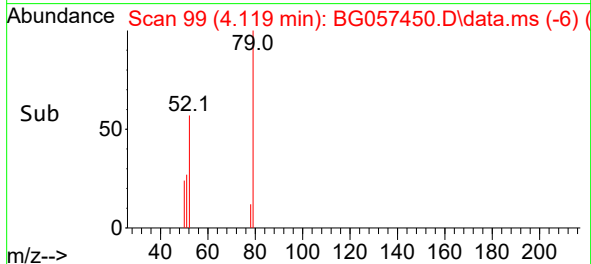
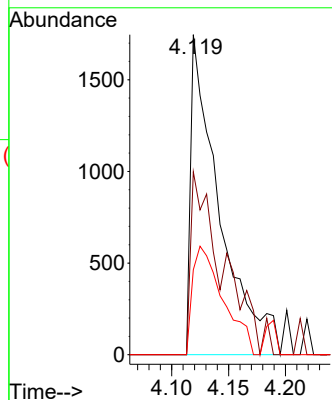
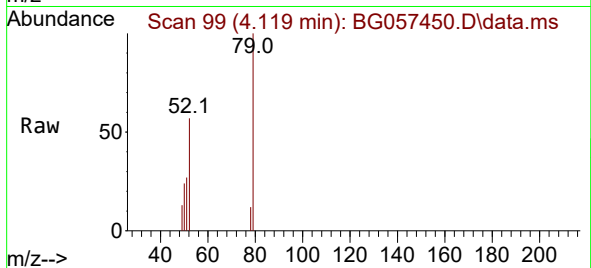




#3
Pyridine
Concen: 2.434 ng
RT: 4.119 min Scan# 91
Delta R.T. 0.014 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

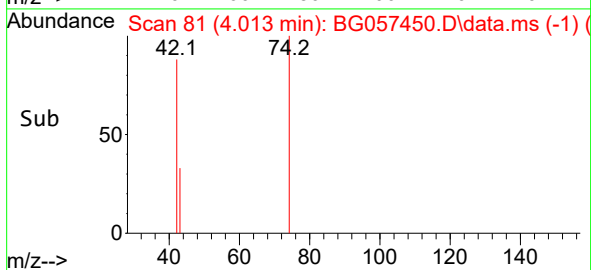
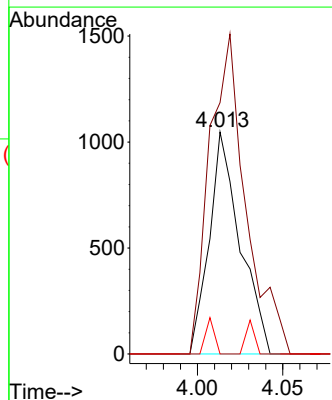
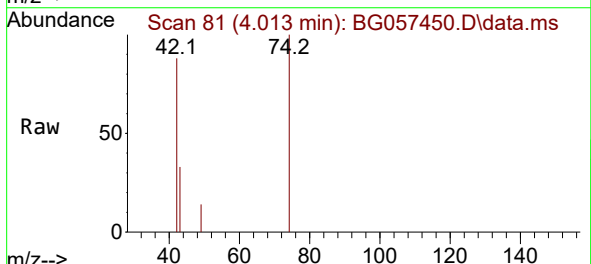
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 79 Resp: 3069
Ion Ratio Lower Upper
79 100
52 57.2 51.4 77.0
51 26.6 28.0 42.0#



#4
n-Nitrosodimethylamine
Concen: 2.226 ng
RT: 4.013 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 42 Resp: 1319
Ion Ratio Lower Upper
42 100
74 113.3 95.1 142.7
44 0.0 5.8 8.8#

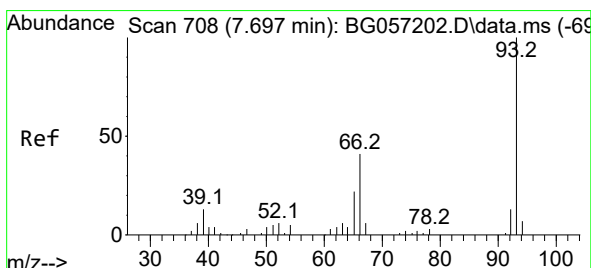
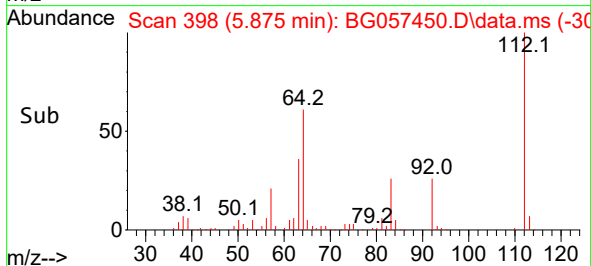
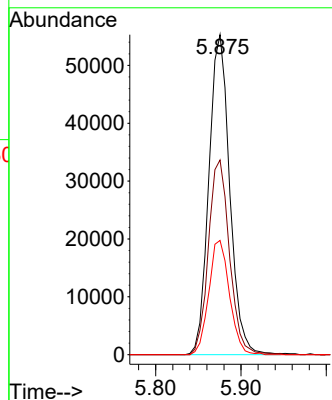
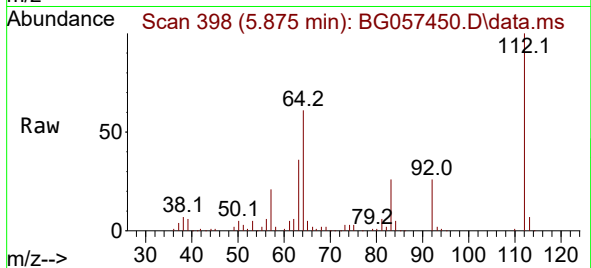




#5
2-Fluorophenol
Concen: 98.813 ng
RT: 5.875 min Scan# 398
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

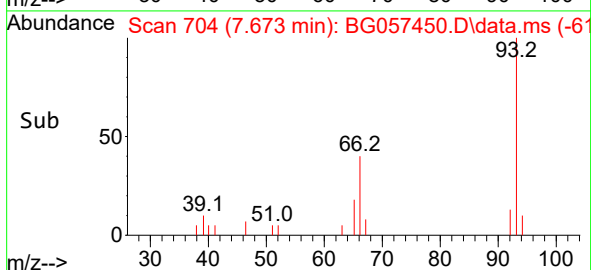
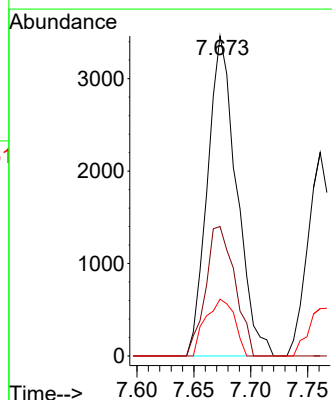
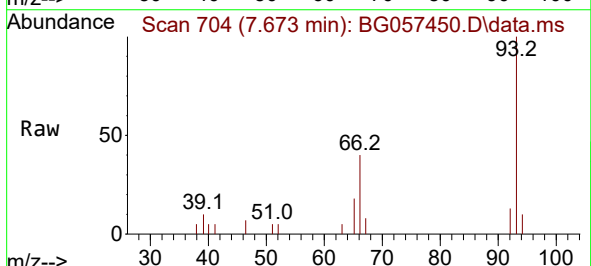
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ClientSampleId :
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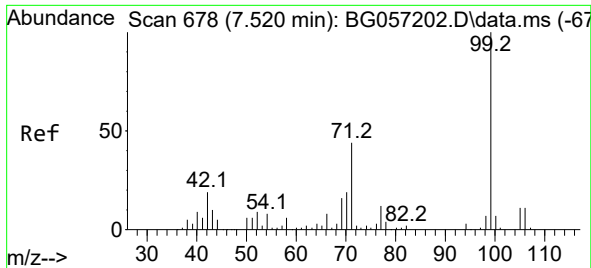
Tgt Ion:112 Resp: 93770
Ion Ratio Lower Upper
112 100
64 60.8 49.4 74.2
63 35.7 31.6 47.4



#6
Aniline
Concen: 3.367 ng
RT: 7.673 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 93 Resp: 6155
Ion Ratio Lower Upper
93 100
66 40.5 33.0 49.6
65 17.7 18.0 27.0#

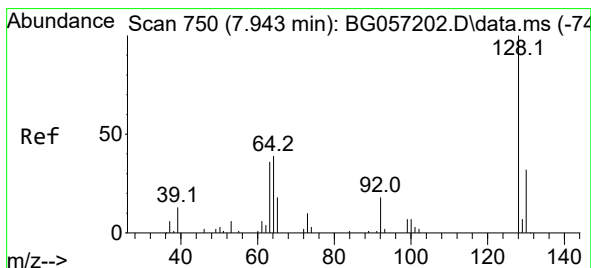
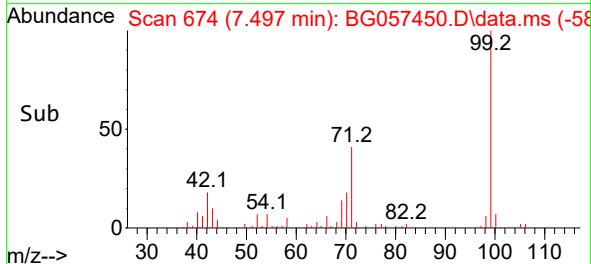
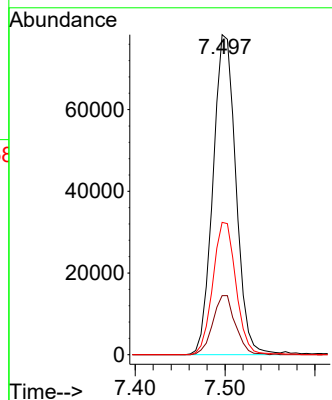
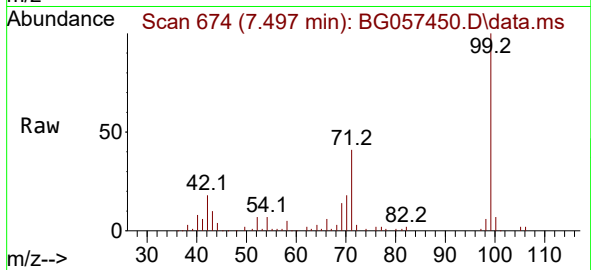




#7
Phenol-d6
Concen: 96.451 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

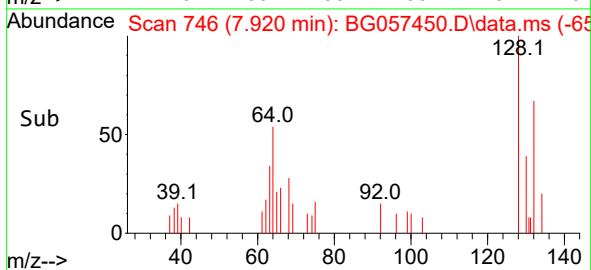
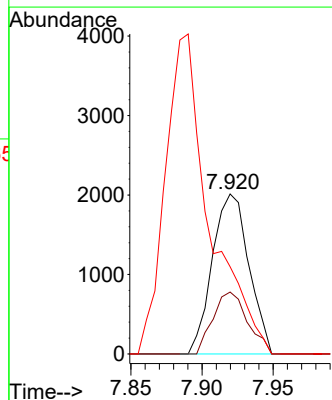
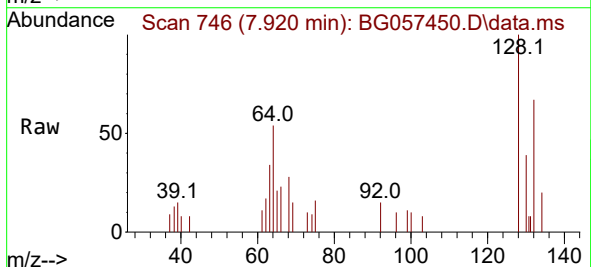
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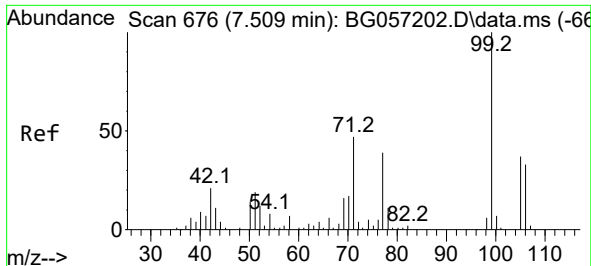
Tgt Ion: 99 Resp: 138989
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 41.4 35.2 52.8



#8
2-Chlorophenol
Concen: 3.587 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:128 Resp: 3597
Ion Ratio Lower Upper
128 100
130 38.7 12.2 52.2
64 54.5 28.4 68.4

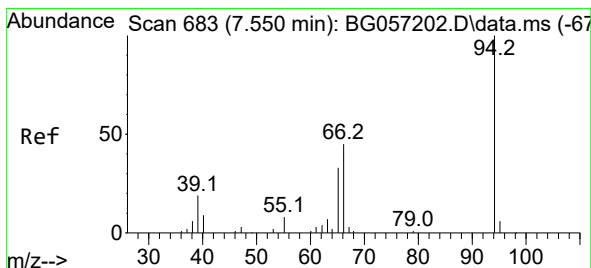
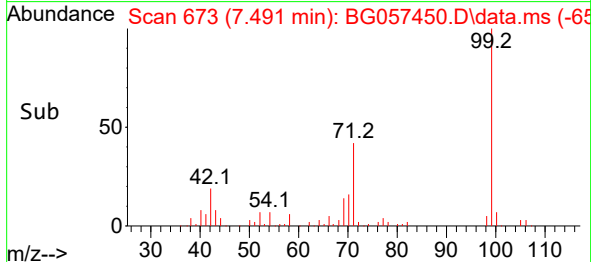
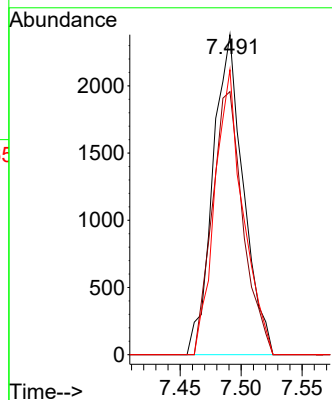
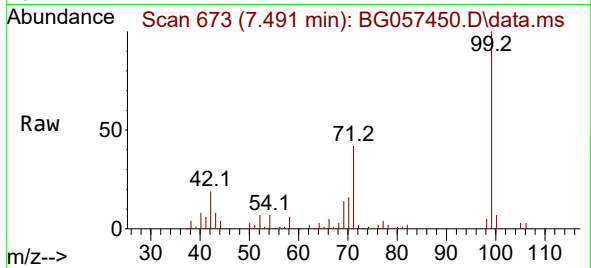




#9
Benzaldehyde
Concen: Below Cal
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

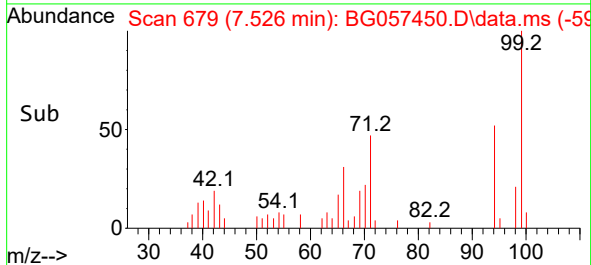
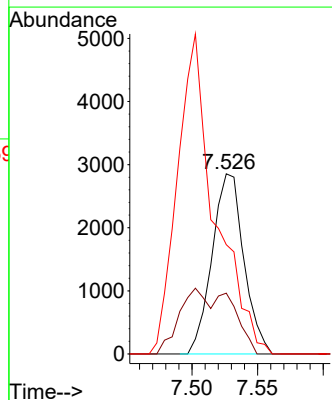
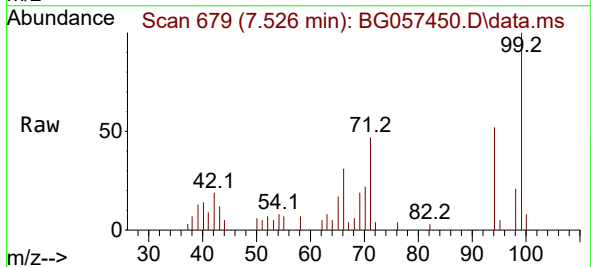
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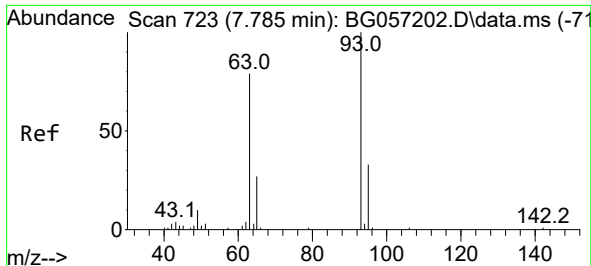
Tgt Ion: 77 Resp: 4144
Ion Ratio Lower Upper
77 100
105 82.2 74.6 114.6
106 89.0 66.3 106.3



#10
Phenol
Concen: 3.418 ng
RT: 7.526 min Scan# 679
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 94 Resp: 4802
Ion Ratio Lower Upper
94 100
65 33.7 13.5 53.5
66 60.7 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 3.166 ng

RT: 7.761 min Scan# 71

Delta R.T. -0.003 min

Lab File: BG057450.D

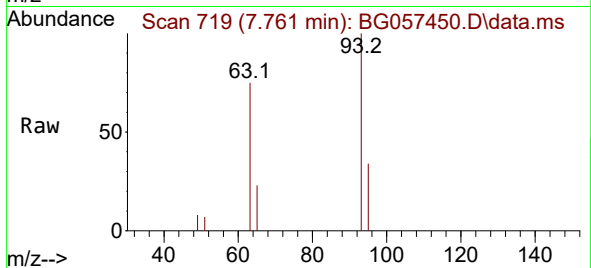
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Instrument :

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ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



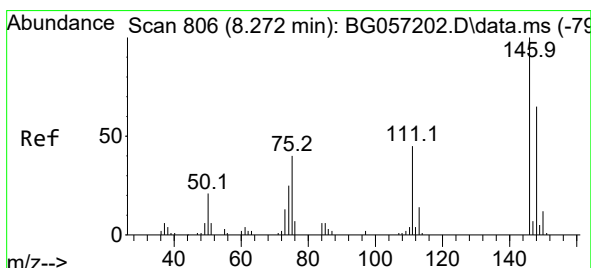
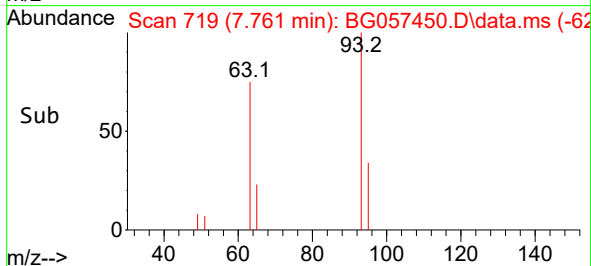
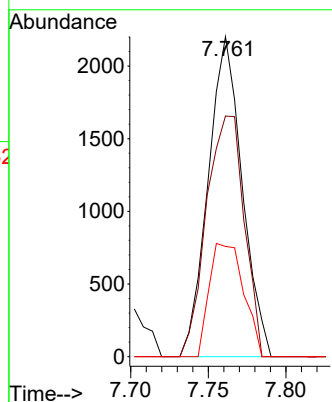
Tgt Ion: 93 Resp: 3354

Ion Ratio Lower Upper

93 100

63 75.2 58.6 98.6

95 34.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 3.950 ng

RT: 8.249 min Scan# 802

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

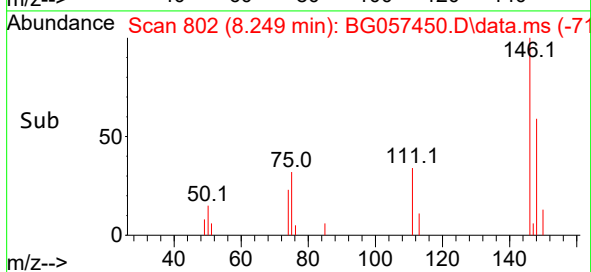
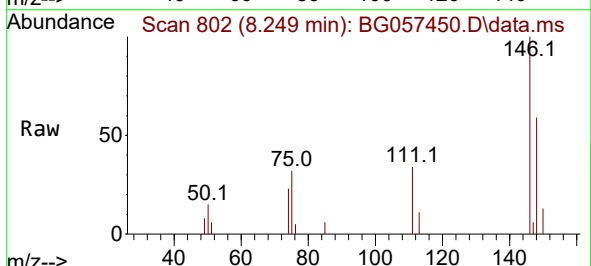
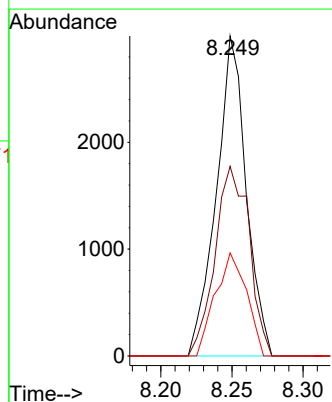
Tgt Ion:146 Resp: 4372

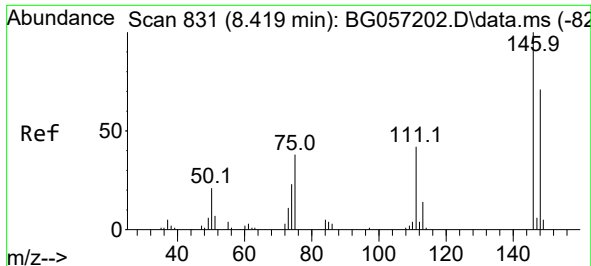
Ion Ratio Lower Upper

146 100

148 59.2 52.2 78.2

75 32.2 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 3.933 ng

RT: 8.249 min Scan# 802

Delta R.T. -0.150 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

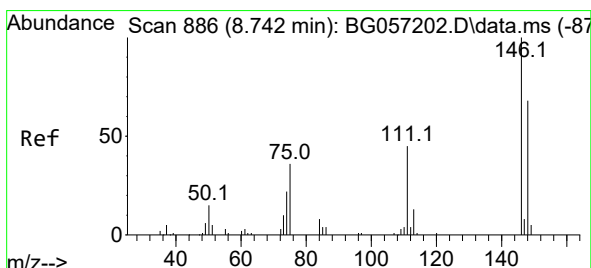
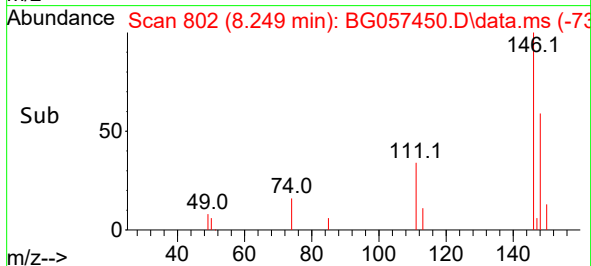
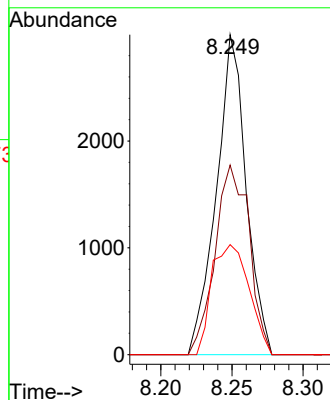
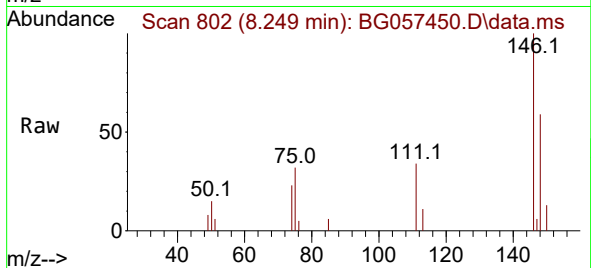
Tgt Ion:146 Resp: 4372

Ion Ratio Lower Upper

146 100

148 59.2 56.4 84.6

111 34.4 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 3.842 ng

RT: 8.719 min Scan# 882

Delta R.T. -0.009 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

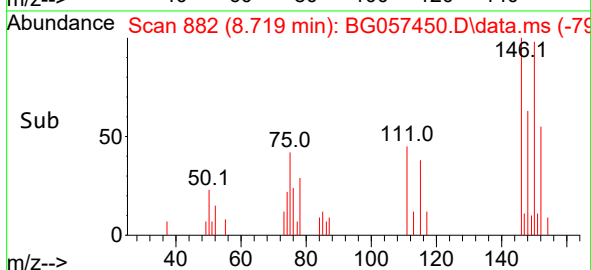
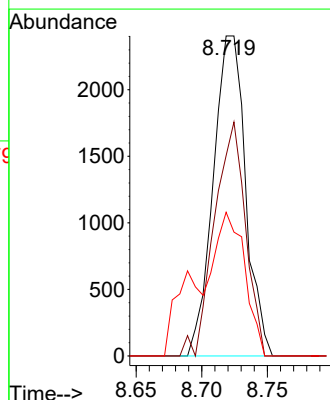
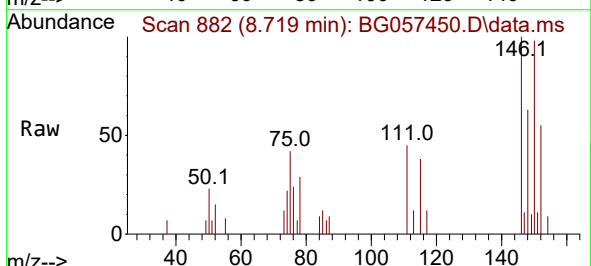
Tgt Ion:146 Resp: 4123

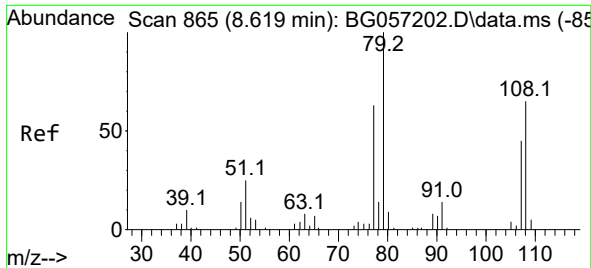
Ion Ratio Lower Upper

146 100

148 62.6 54.6 82.0

111 44.9 37.2 55.8

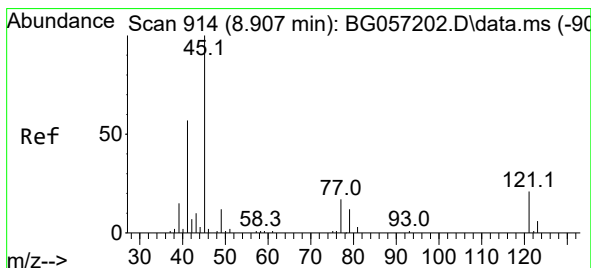
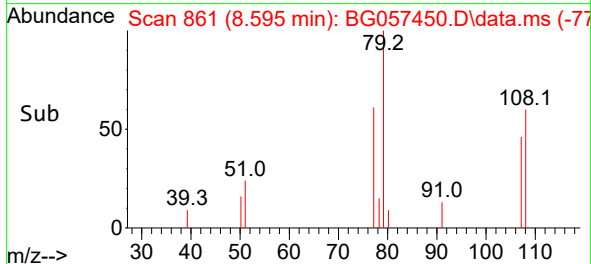
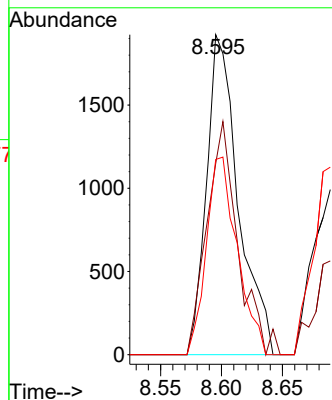
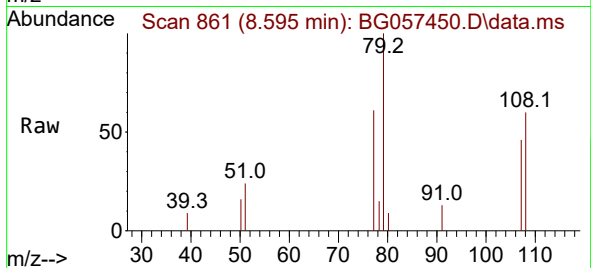




#15
Benzyl Alcohol
Concen: 2.905 ng
RT: 8.595 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

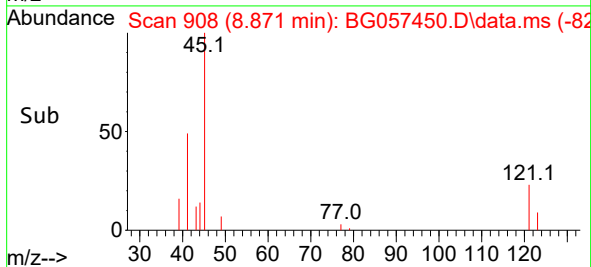
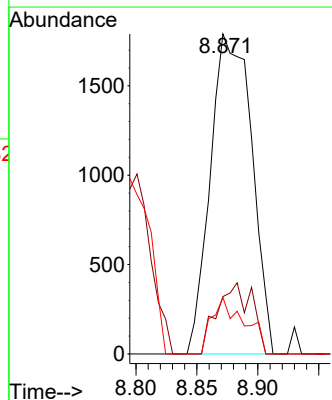
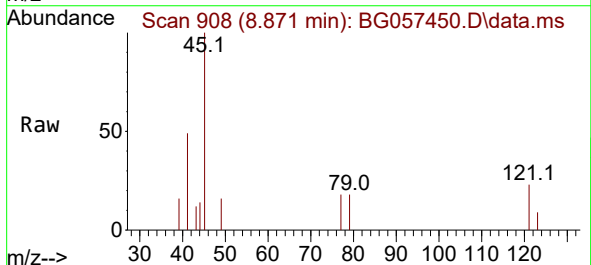
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 79 Resp: 3488
Ion Ratio Lower Upper
79 100
108 59.8 52.2 78.2
77 61.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.158 ng
RT: 8.871 min Scan# 908
Delta R.T. -0.015 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 45 Resp: 4216
Ion Ratio Lower Upper
45 100
77 17.9 0.0 38.5
79 17.7 0.0 33.8

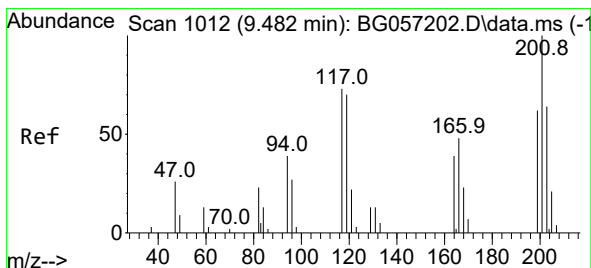
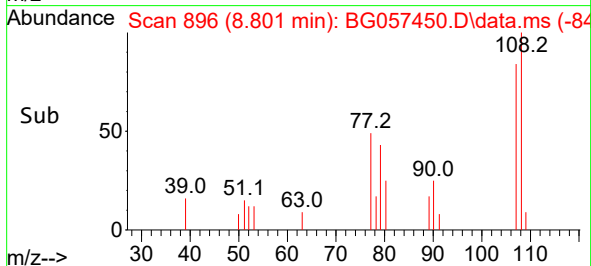
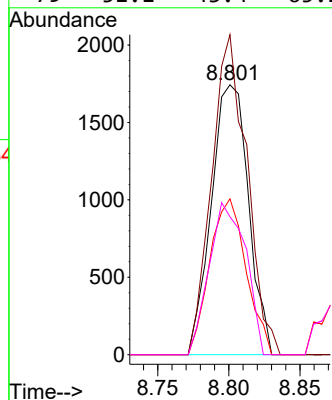
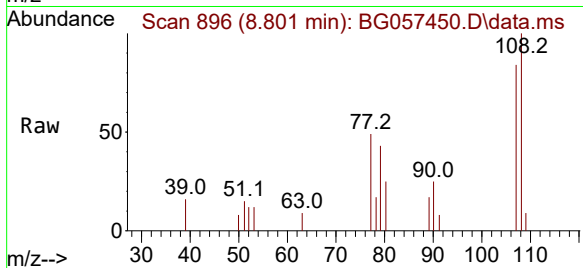




#17
2-Methylphenol
Concen: 3.130 ng
RT: 8.801 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

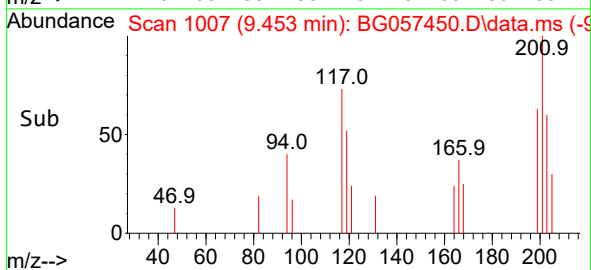
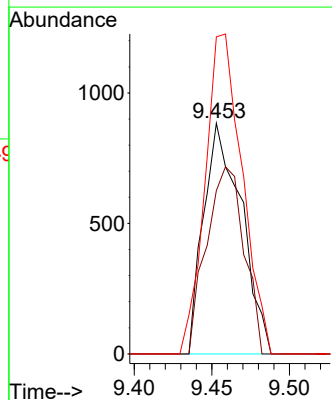
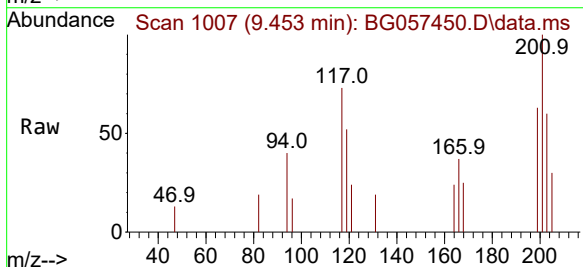
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

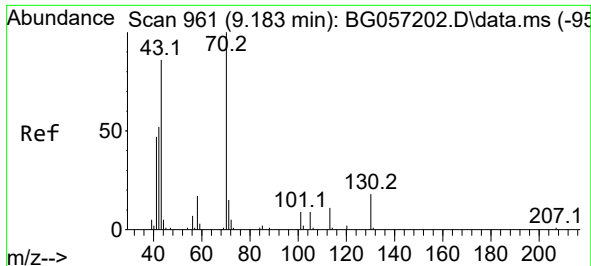
Tgt Ion:	107	Resp:	3169
Ion	Ratio	Lower	Upper
107	100		
108	118.5	89.5	134.3
77	57.7	45.1	67.7
79	51.1	43.4	65.2



#18
Hexachloroethane
Concen: 3.719 ng
RT: 9.453 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:	117	Resp:	1492
Ion	Ratio	Lower	Upper
117	100		
119	70.8	76.7	115.1#
201	137.4	109.0	163.4

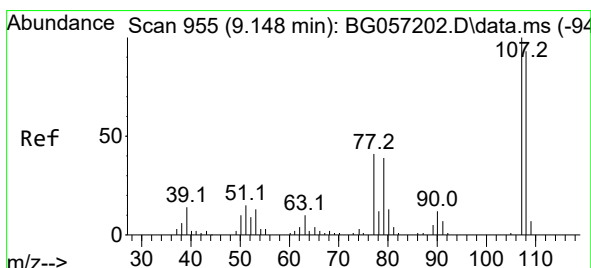
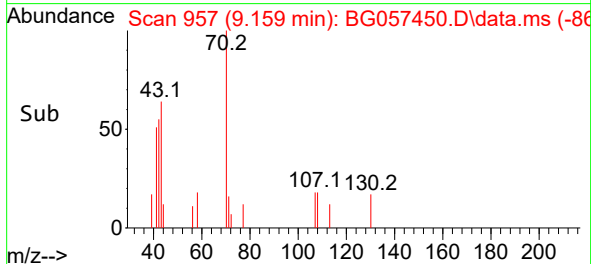
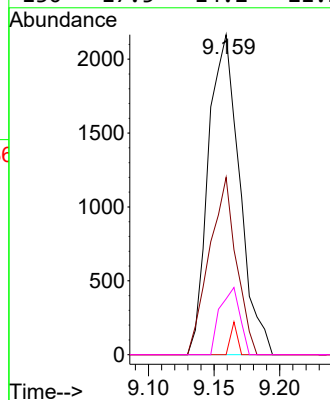
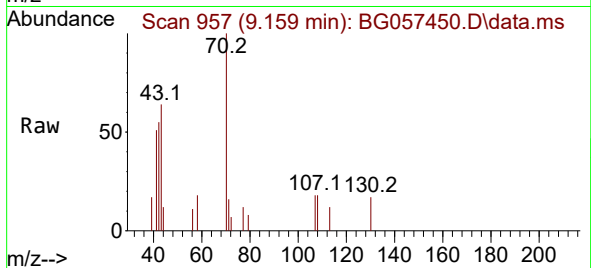




#19
n-Nitroso-di-n-propylamine
Concen: 3.252 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

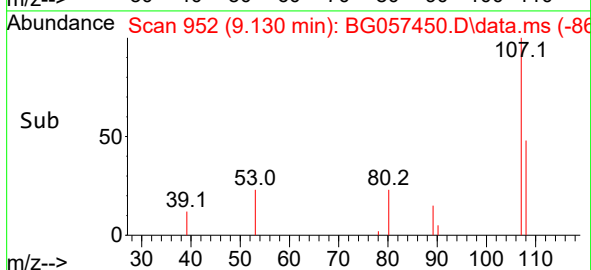
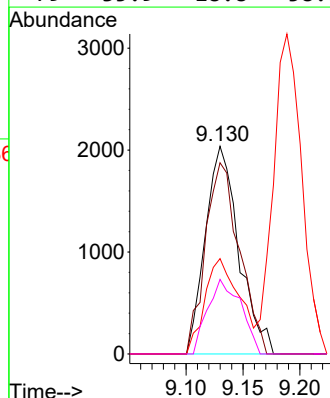
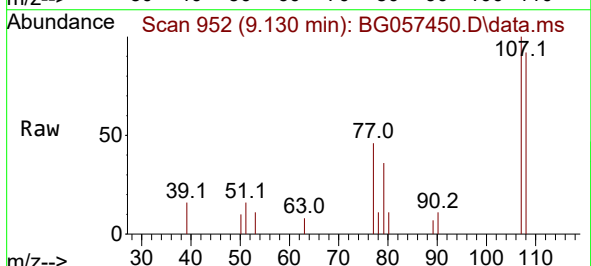
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

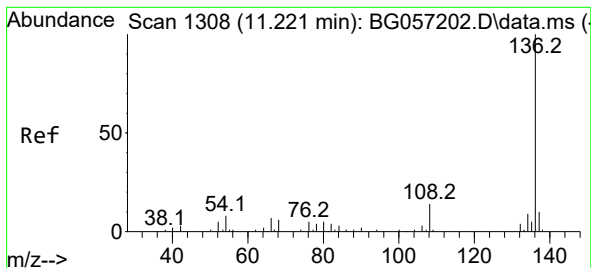
Tgt Ion: 70	Resp:	3573	
Ion	Ratio	Lower	Upper
70	100		
42	55.4	41.8	62.8
101	0.0	6.8	10.2#
130	17.5	14.2	21.2



#20
3+4-Methylphenols
Concen: 3.007 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt	Ion:107	Resp:	4170
Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.5	113.5
77	45.9	21.1	61.1
79	35.9	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057450.D

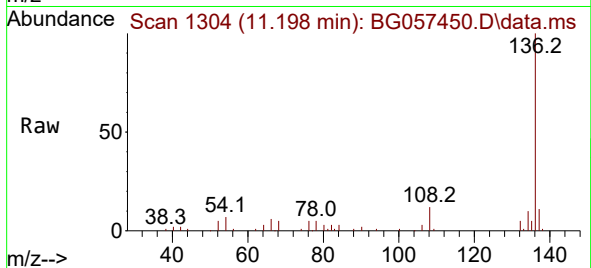
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:136 Resp: 64777

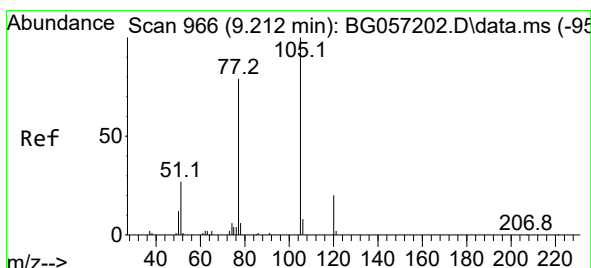
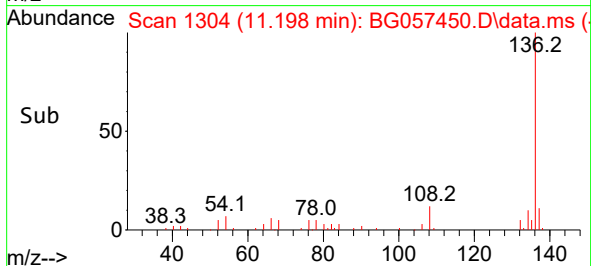
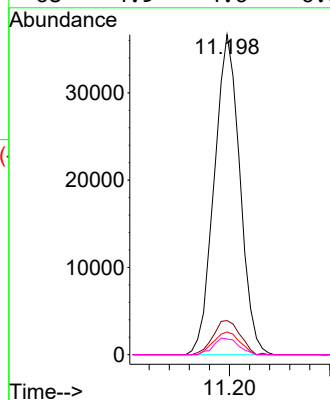
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 7.1 6.7 10.1

68 4.9 4.6 6.8



#22

Acetophenone

Concen: 3.484 ng

RT: 9.189 min Scan# 962

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Tgt Ion:105 Resp: 6460

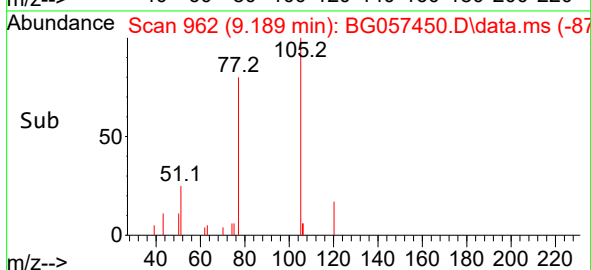
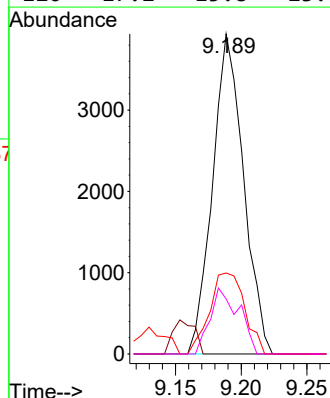
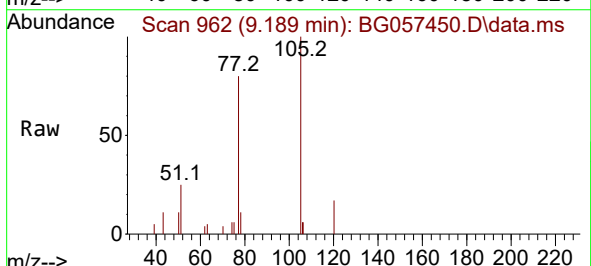
Ion Ratio Lower Upper

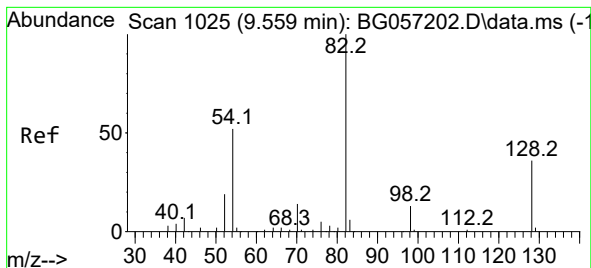
105 100

71 0.0 0.4 0.6#

51 25.3 24.0 36.0

120 17.2 15.8 23.8





#23

Nitrobenzene-d5

Concen: 68.448 ng

RT: 9.541 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

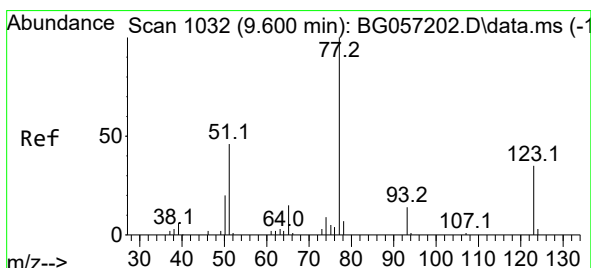
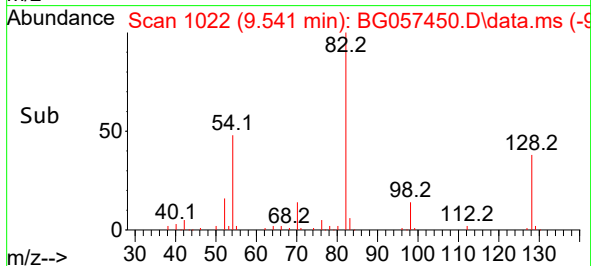
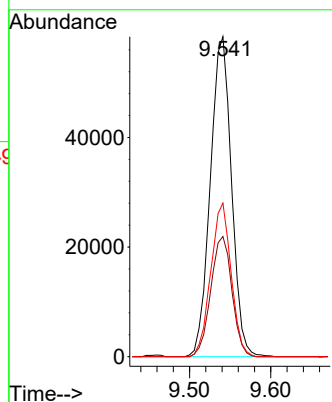
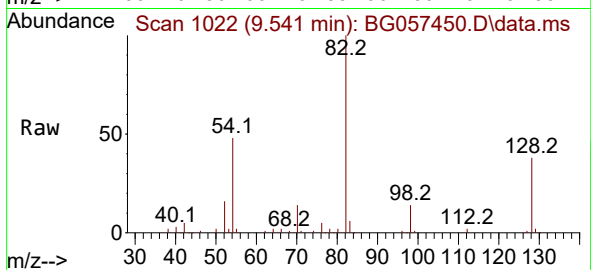
Tgt Ion: 82 Resp: 105642

Ion Ratio Lower Upper

82 100

128 37.5 29.0 43.4

54 48.0 41.4 62.0



#24

Nitrobenzene

Concen: 3.522 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

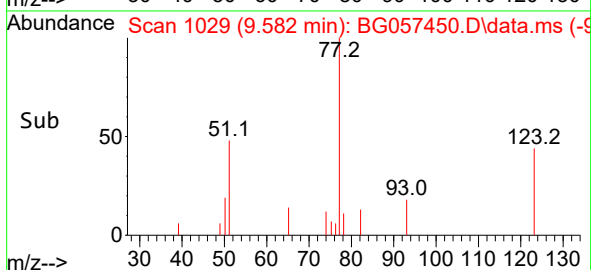
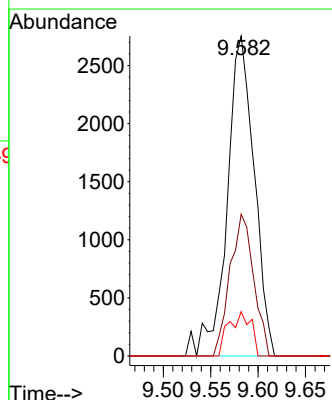
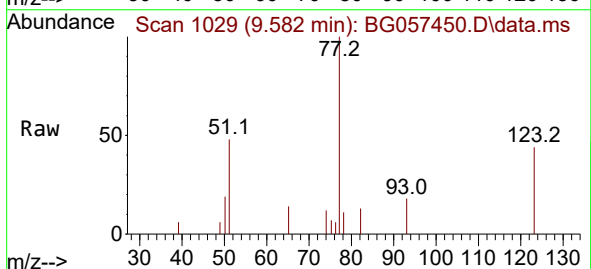
Tgt Ion: 77 Resp: 5487

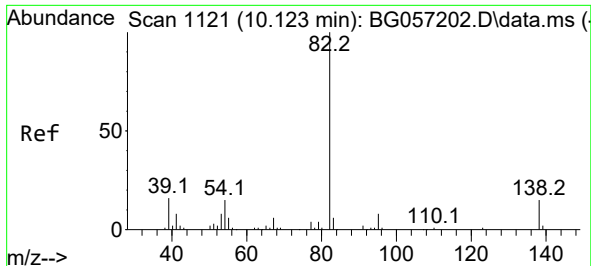
Ion Ratio Lower Upper

77 100

123 44.3 28.2 42.2#

65 13.8 11.7 17.5

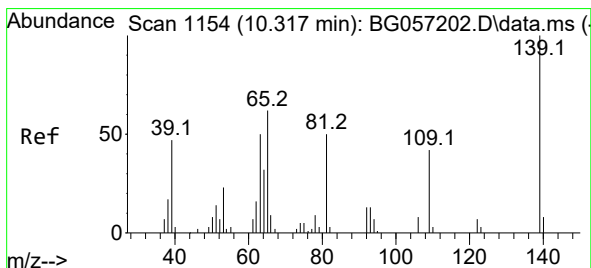
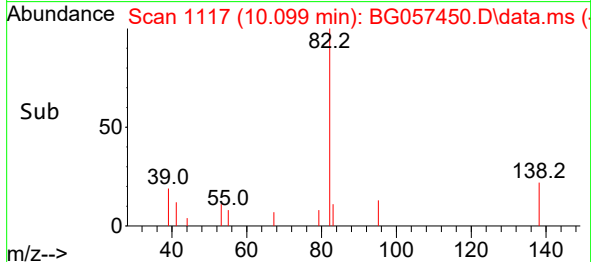
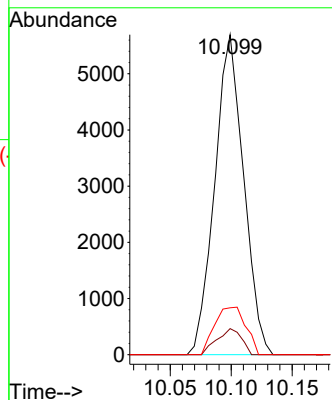
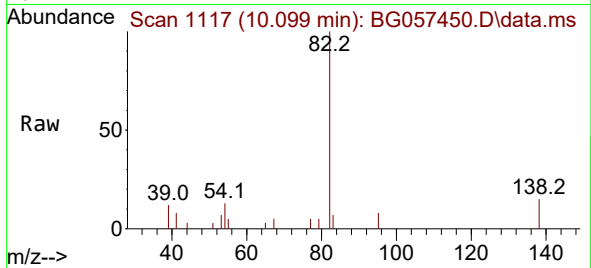




#25
Isophorone
Concen: 3.141 ng
RT: 10.099 min Scan# 1117
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

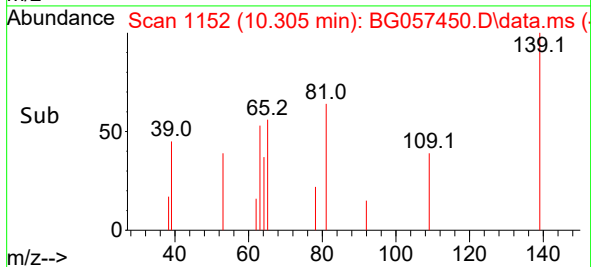
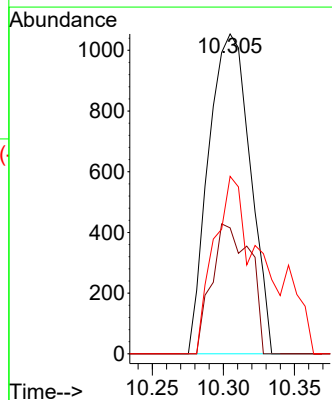
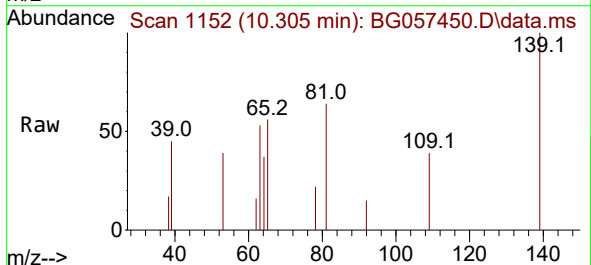
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

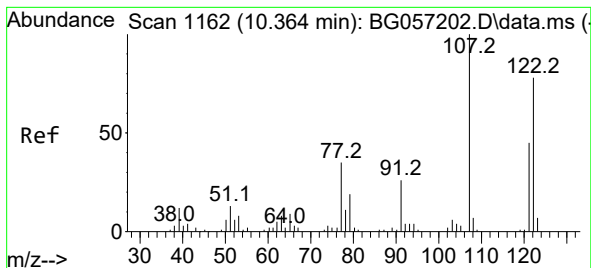
Tgt Ion: 82 Resp: 9399
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 14.6 12.3 18.5



#26
2-Nitrophenol
Concen: 3.601 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 139 Resp: 2147
Ion Ratio Lower Upper
139 100
109 39.4 33.4 50.2
65 55.5 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 3.463 ng

RT: 10.346 min Scan# 1159

Delta R.T. 0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

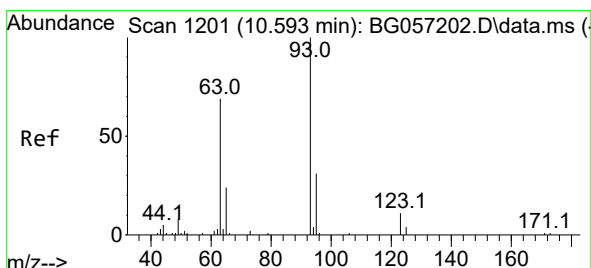
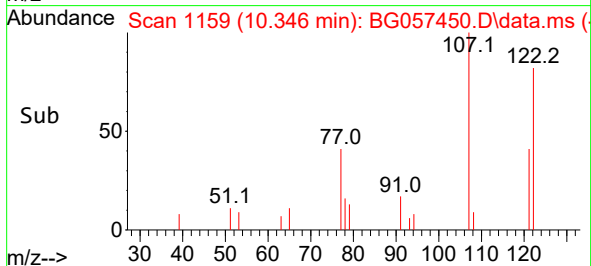
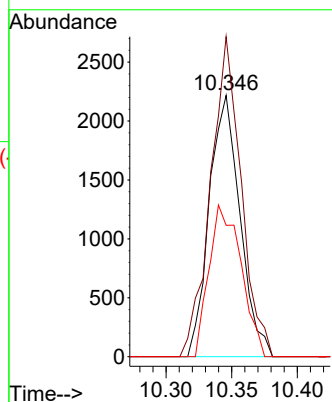
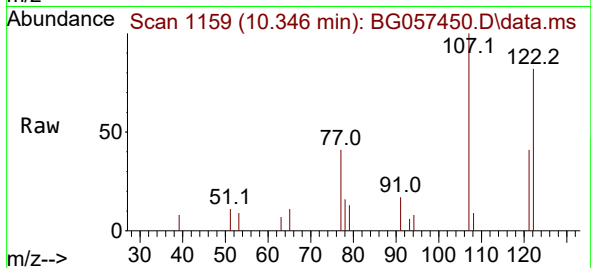
Tgt Ion:122 Resp: 3616

Ion Ratio Lower Upper

122 100

107 122.5 103.0 154.4

121 50.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 3.359 ng

RT: 10.575 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

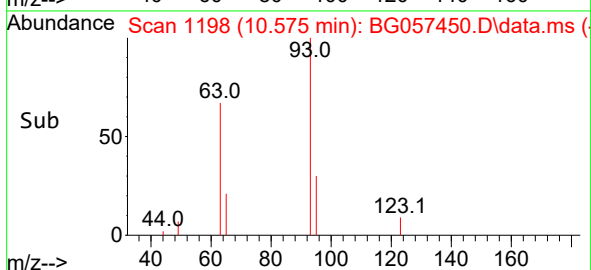
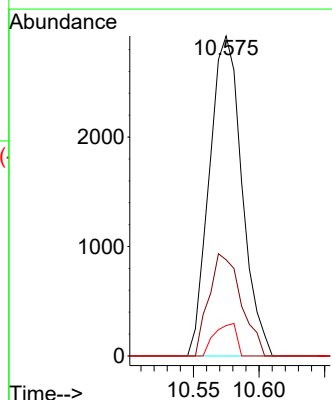
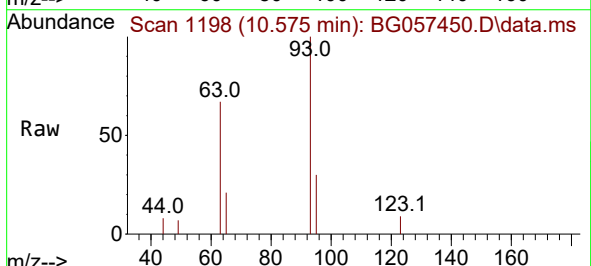
Tgt Ion: 93 Resp: 5036

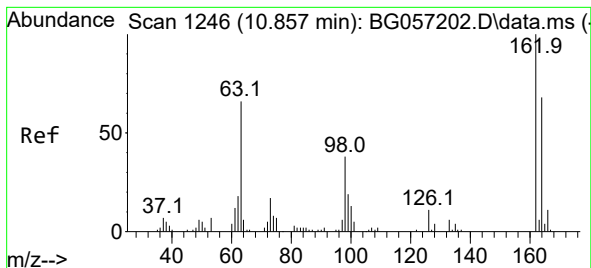
Ion Ratio Lower Upper

93 100

95 30.1 25.0 37.6

123 9.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 3.649 ng

RT: 10.851 min Scan# 1

Delta R.T. 0.009 min

Lab File: BG057450.D

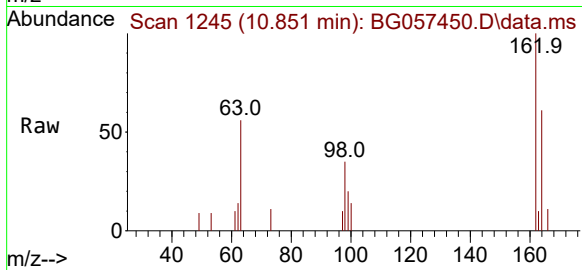
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



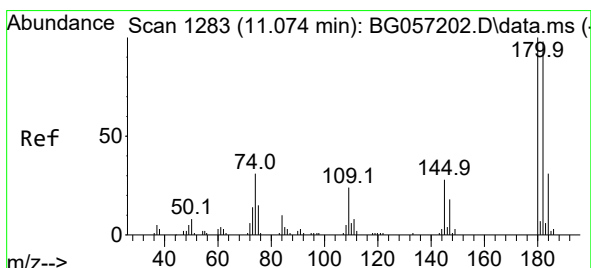
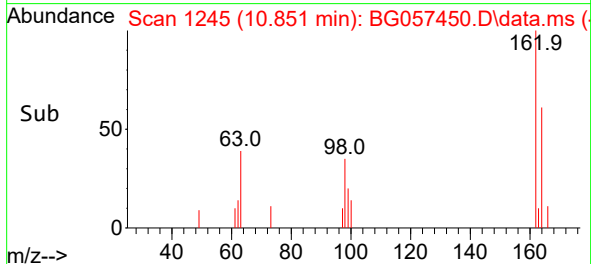
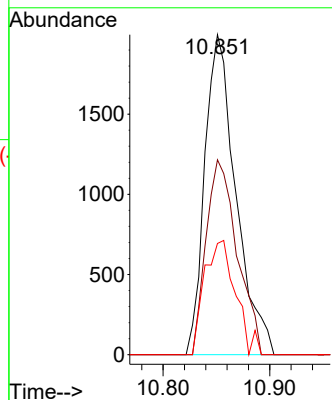
Tgt Ion:162 Resp: 4041

Ion Ratio Lower Upper

162 100

164 60.9 48.4 88.4

98 34.8 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 3.763 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

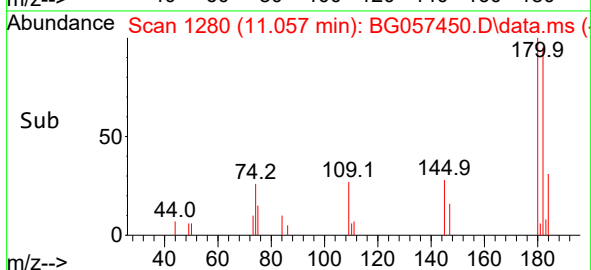
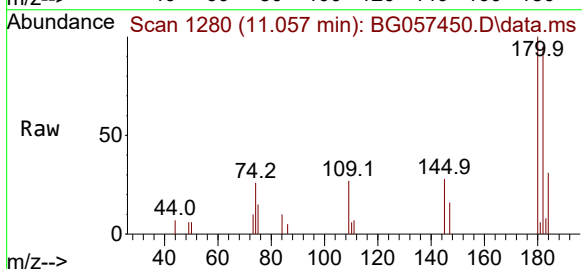
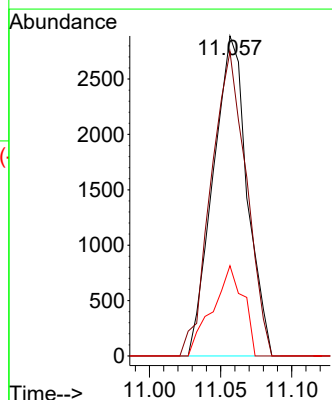
Tgt Ion:180 Resp: 4806

Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 28.2 22.4 33.6

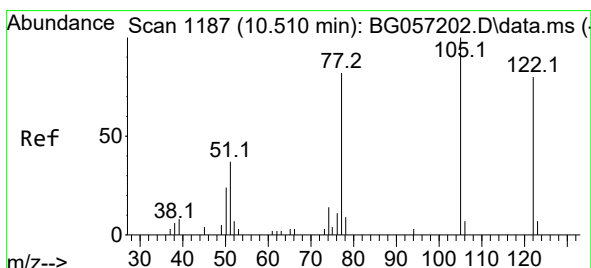
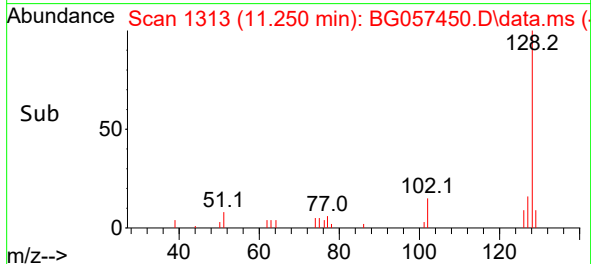
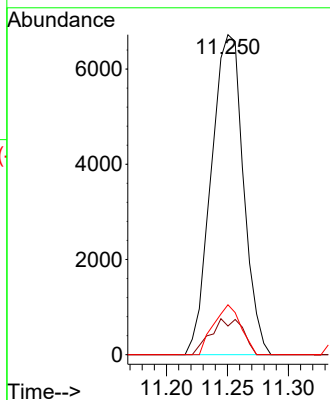
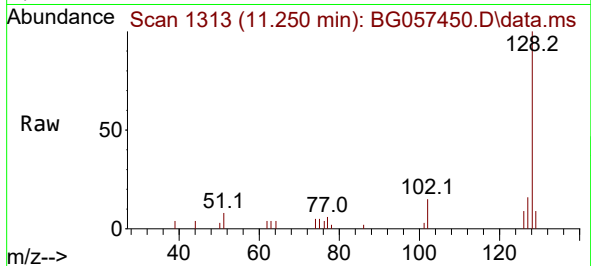




#31
Naphthalene
Concen: 3.562 ng
RT: 11.250 min Scan# 1115
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

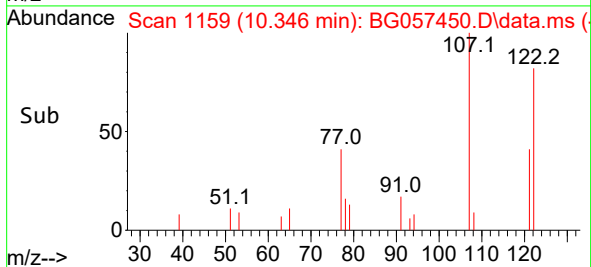
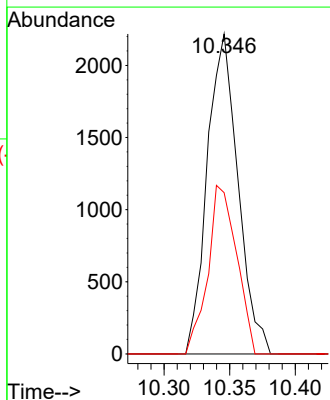
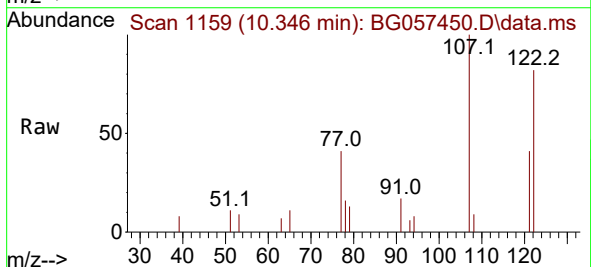
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:128 Resp: 12335
Ion Ratio Lower Upper
128 100
129 8.9 8.3 12.5
127 15.6 11.1 16.7



#32
Benzoic acid
Concen: 10.133 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.144 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:122 Resp: 3616
Ion Ratio Lower Upper
122 100
105 0.0 105.2 145.2#
77 50.4 83.1 123.1#

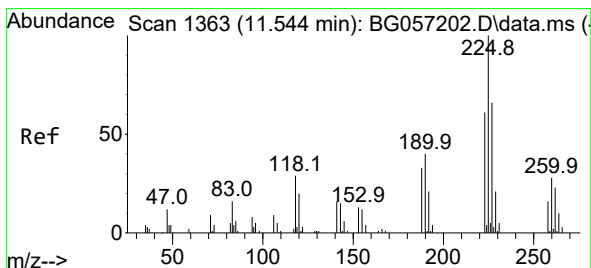
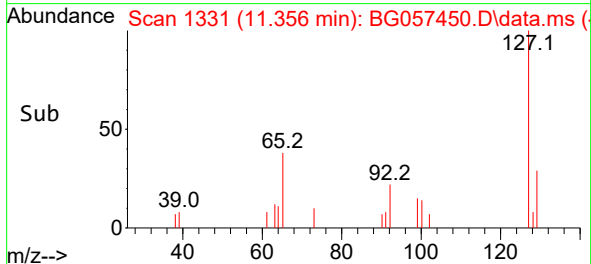
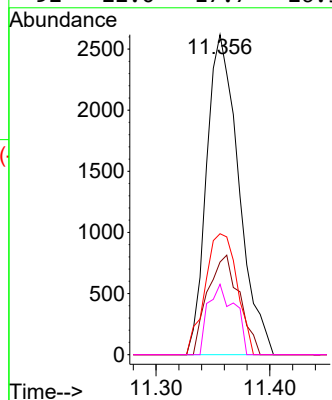
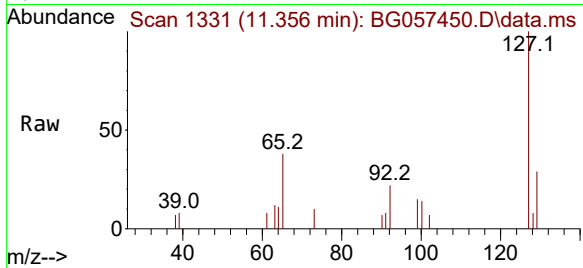




#33
4-Chloroaniline
Concen: 3.301 ng
RT: 11.356 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

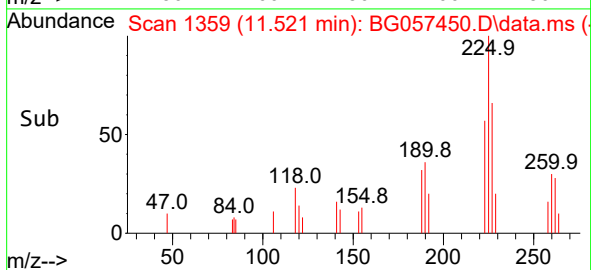
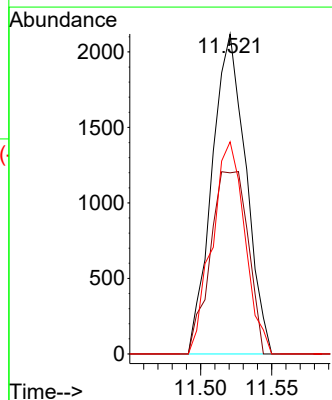
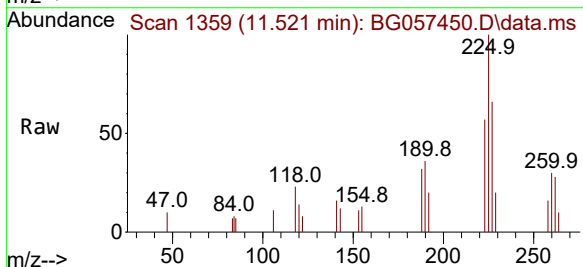
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

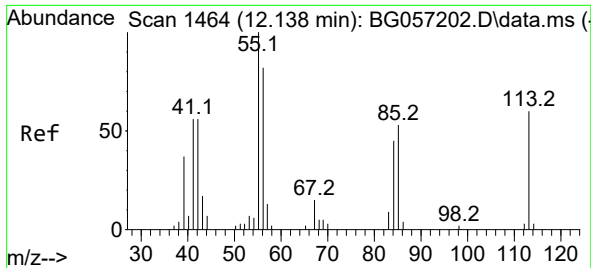
Tgt Ion:127	Resp:	5134	
Ion	Ratio	Lower	Upper
127	100		
129	29.0	26.7	40.1
65	37.8	29.7	44.5
92	22.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 3.700 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:225	Resp:	3507	
Ion	Ratio	Lower	Upper
225	100		
223	56.6	48.6	72.8
227	66.3	52.7	79.1

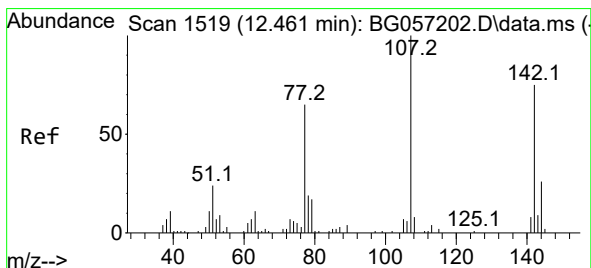
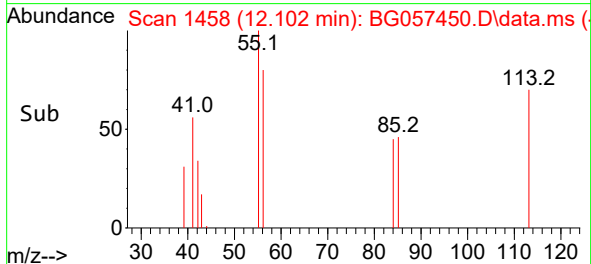
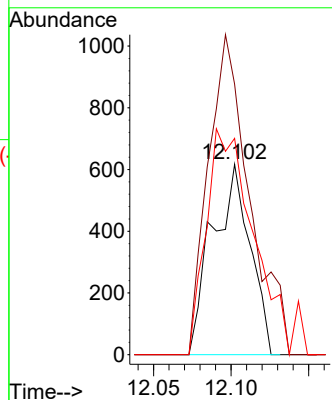
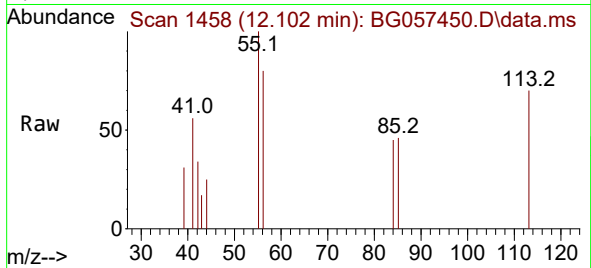




#35
 Caprolactam
 Concen: 2.755 ng
 RT: 12.102 min Scan# 1464
 Delta R.T. -0.027 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

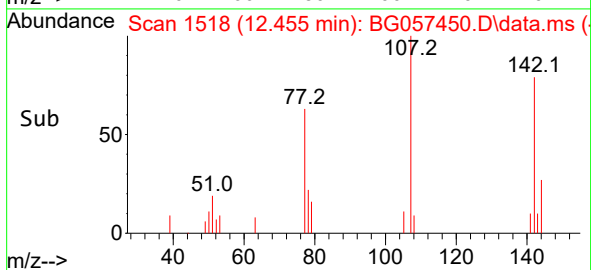
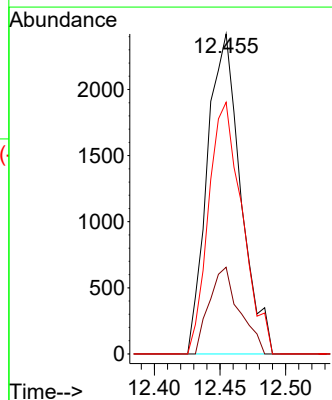
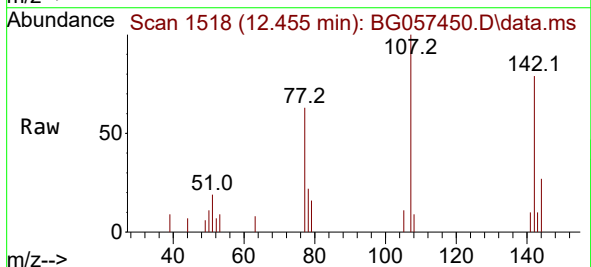
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

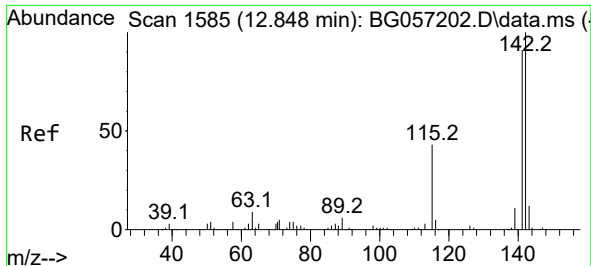
Tgt Ion:113 Resp: 1042
 Ion Ratio Lower Upper
 113 100
 55 142.1 145.5 185.5#
 56 113.6 115.9 155.9#



#36
 4-Chloro-3-methylphenol
 Concen: 3.400 ng
 RT: 12.455 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

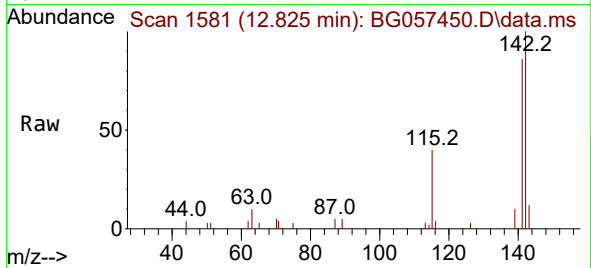
Tgt Ion:107 Resp: 4279
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 78.6 60.0 90.0



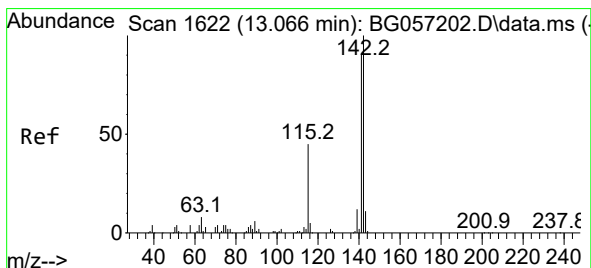
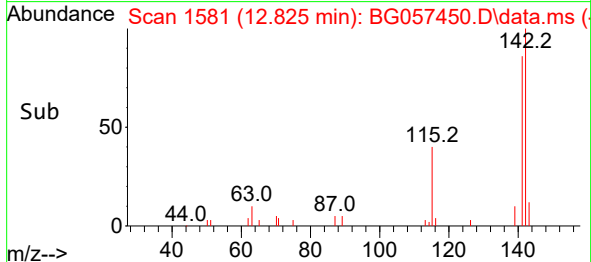
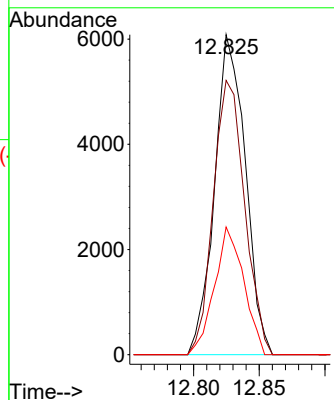


#37
2-Methylnaphthalene
Concen: 3.639 ng
RT: 12.825 min Scan# 1581
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

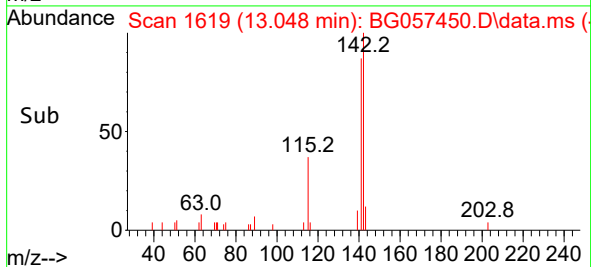
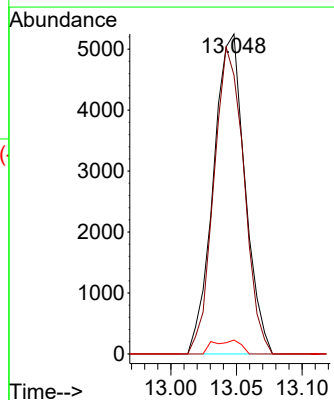
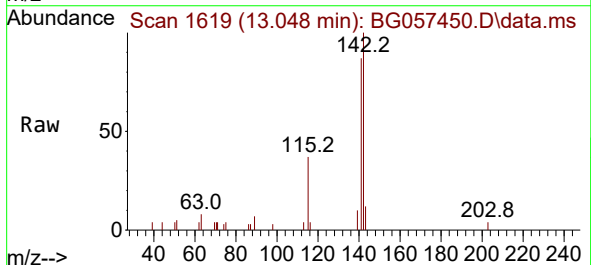


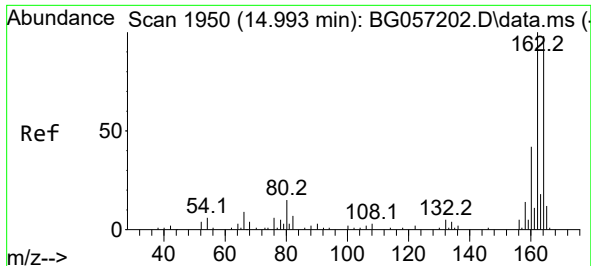
Tgt Ion:142 Resp: 9907
Ion Ratio Lower Upper
142 100
141 85.7 73.1 109.7
115 39.9 34.6 52.0



#38
1-Methylnaphthalene
Concen: 3.413 ng
RT: 13.048 min Scan# 1619
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:142 Resp: 8760
Ion Ratio Lower Upper
142 100
141 87.2 72.5 108.7
116 4.3 3.7 5.5

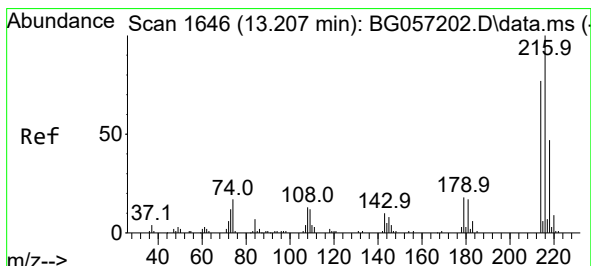
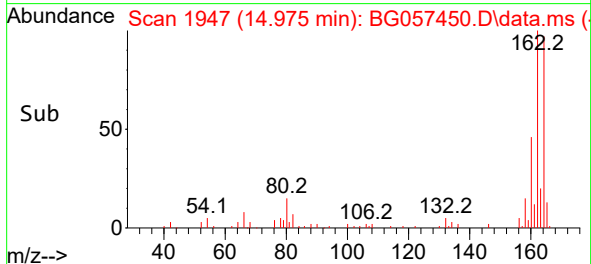
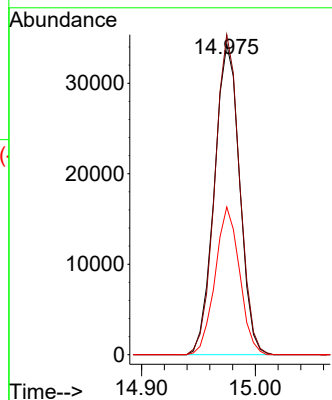
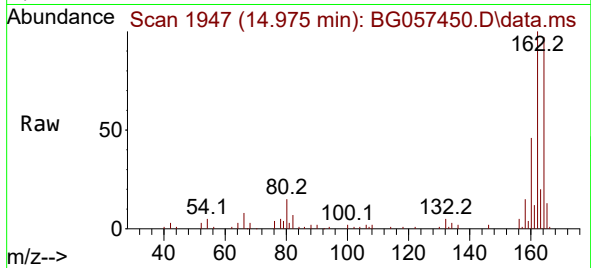




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

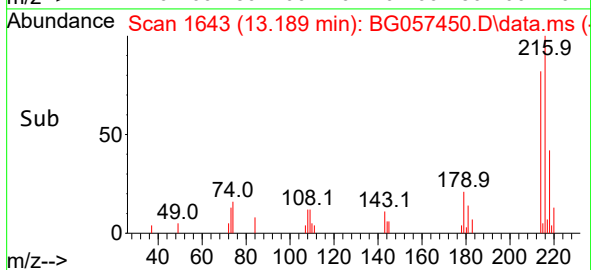
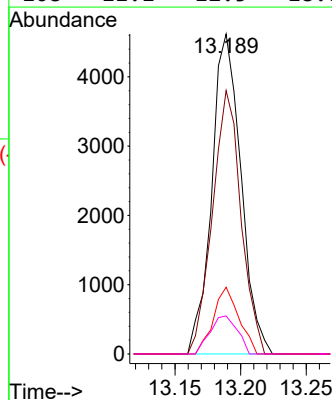
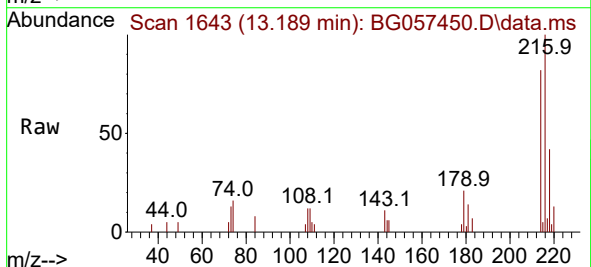
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:164 Resp: 52896
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 47.6 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.804 ng
RT: 13.189 min Scan# 1643
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:216 Resp: 7143
Ion Ratio Lower Upper
216 100
214 80.1 63.7 95.5
179 18.1 14.6 22.0
108 11.1 12.5 18.7#

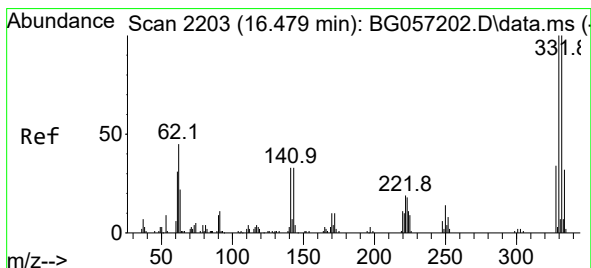
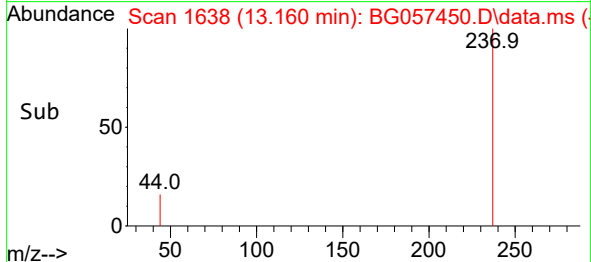
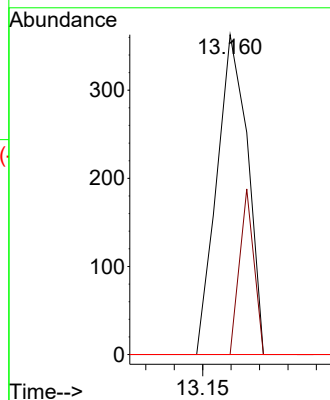
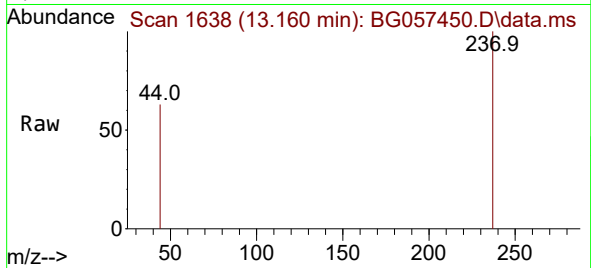




#41
Hexachlorocyclopentadiene
Concen: 6.572 ng
RT: 13.160 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

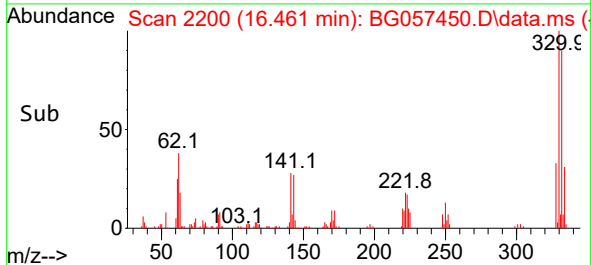
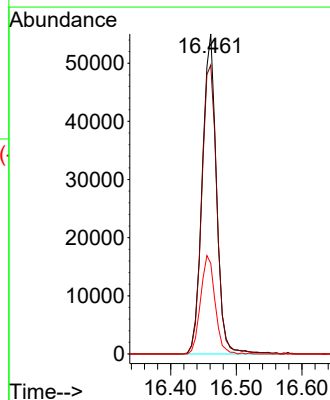
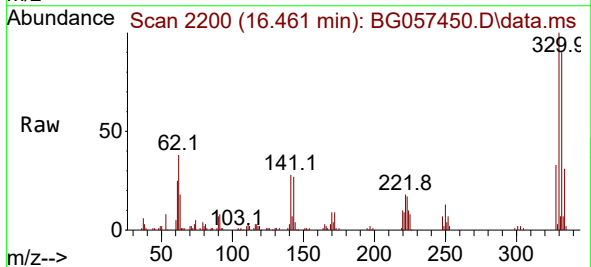
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

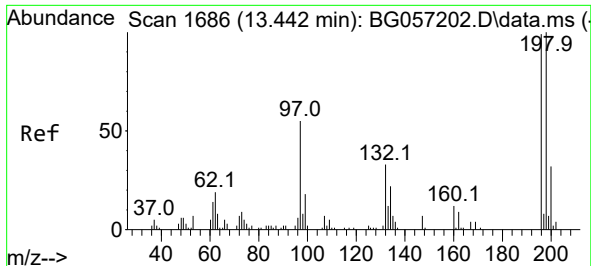
Tgt Ion:237 Resp: 272
Ion Ratio Lower Upper
237 100
235 0.0 42.0 82.0#
272 0.0 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 110.651 ng
RT: 16.461 min Scan# 2200
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:330 Resp: 83048
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.2
141 31.2 27.8 41.8

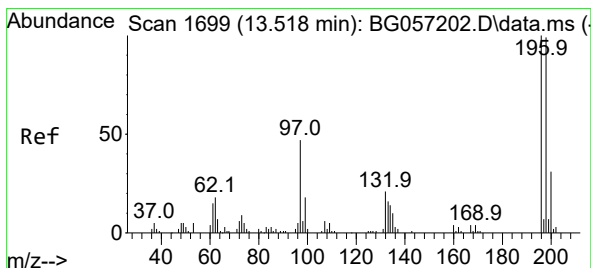
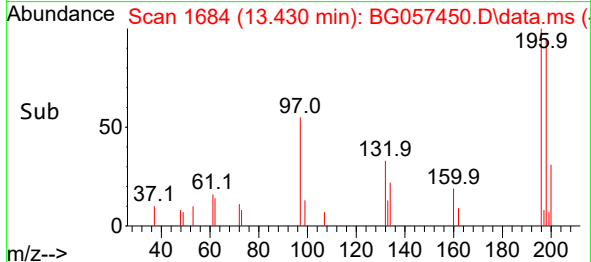
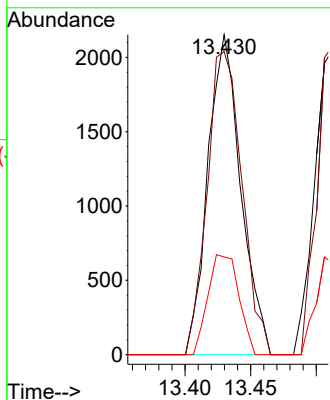
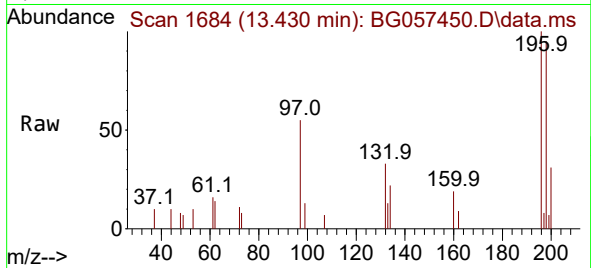




#43
2,4,6-Trichlorophenol
Concen: 3.277 ng
RT: 13.430 min Scan# 1684
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

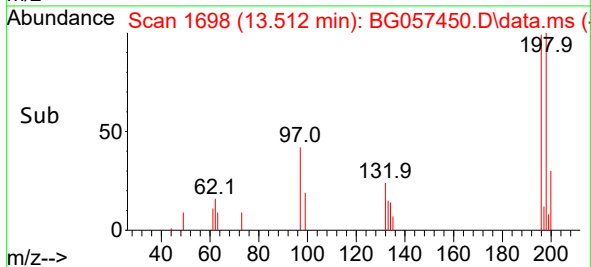
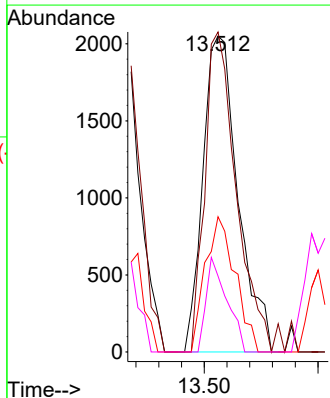
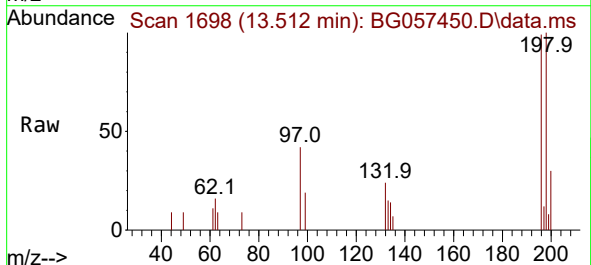
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

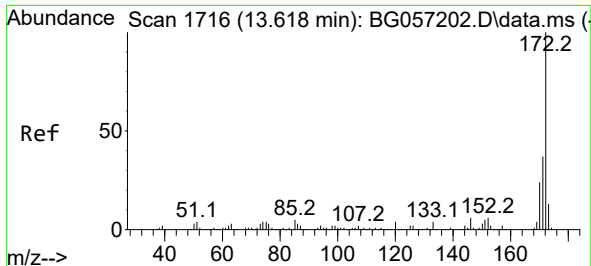
Tgt Ion:196 Resp: 3749
Ion Ratio Lower Upper
196 100
198 94.8 81.2 121.8
200 30.5 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 3.268 ng
RT: 13.512 min Scan# 1698
Delta R.T. 0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:196 Resp: 4398
Ion Ratio Lower Upper
196 100
198 101.3 79.4 119.2
97 42.8 37.0 55.4
132 24.0 16.6 24.8

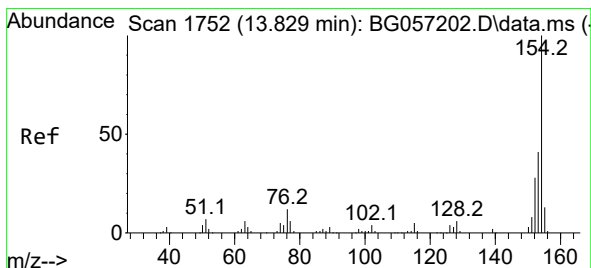
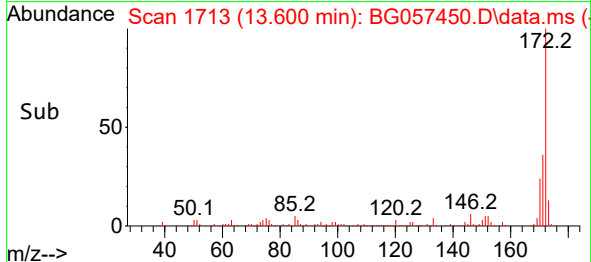
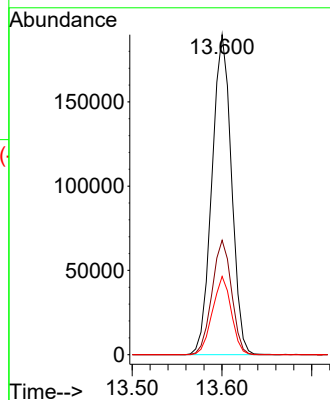
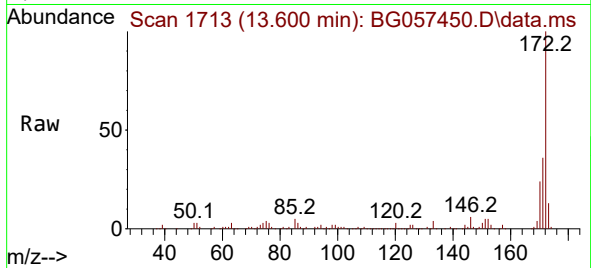




#45
2-Fluorobiphenyl
Concen: 72.913 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

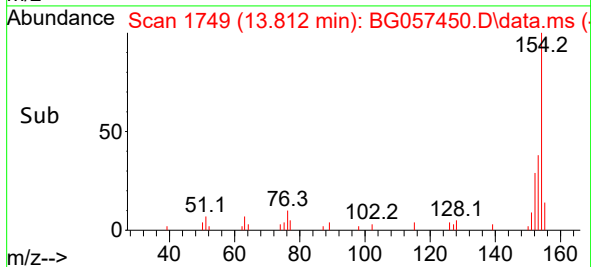
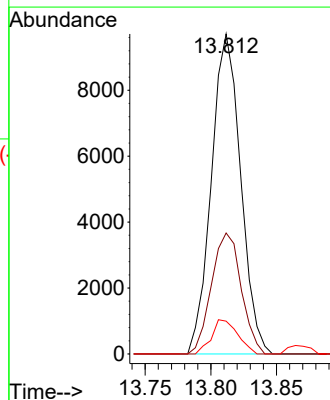
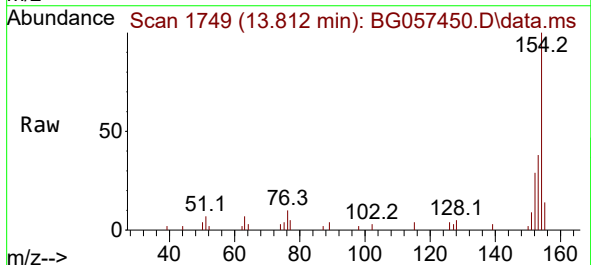
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:172 Resp: 286369
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 3.835 ng
RT: 13.812 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:154 Resp: 15054
Ion Ratio Lower Upper
154 100
153 37.8 20.9 60.9
76 10.2 0.0 31.7

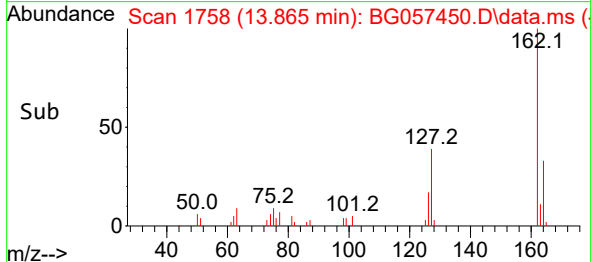
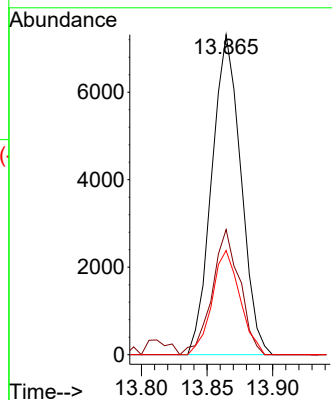
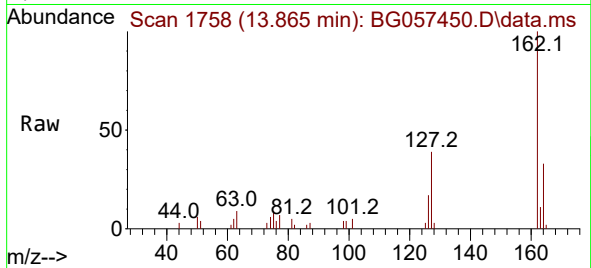




#47
2-Chloronaphthalene
Concen: 3.866 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

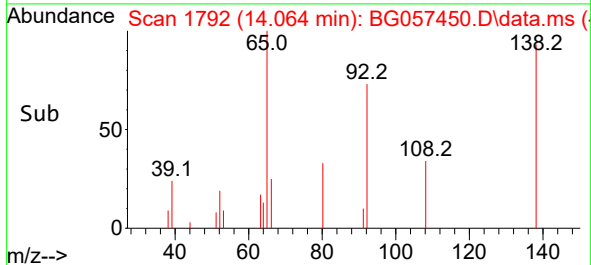
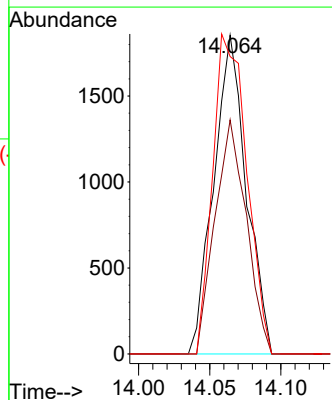
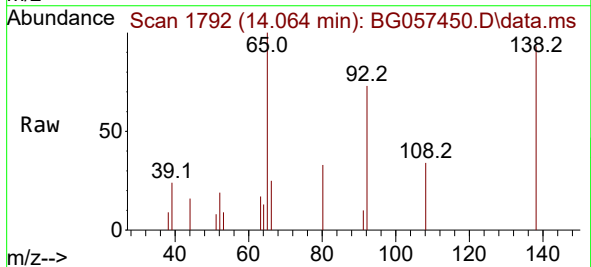
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

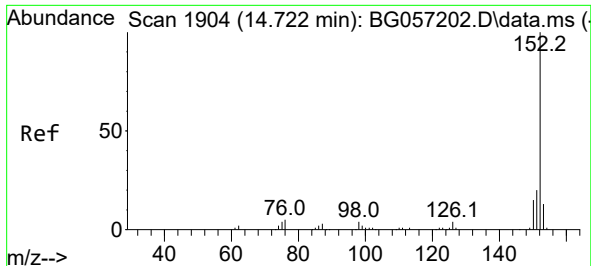
Tgt Ion:	162	Resp:	11283
Ion Ratio	Lower	Upper	
162	100		
127	39.1	29.8	44.6
164	32.6	26.6	40.0



#48
2-Nitroaniline
Concen: 2.980 ng
RT: 14.064 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

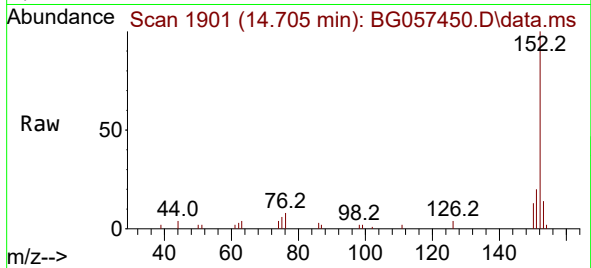
Tgt Ion:	65	Resp:	2957
Ion Ratio	Lower	Upper	
65	100		
92	73.4	52.1	78.1
138	93.3	75.3	112.9



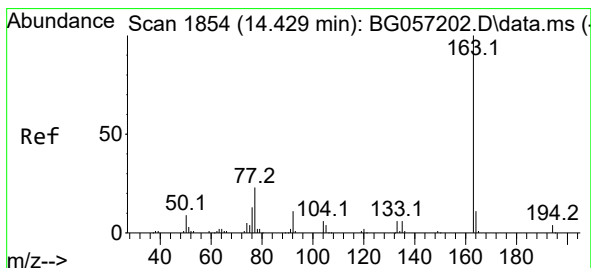
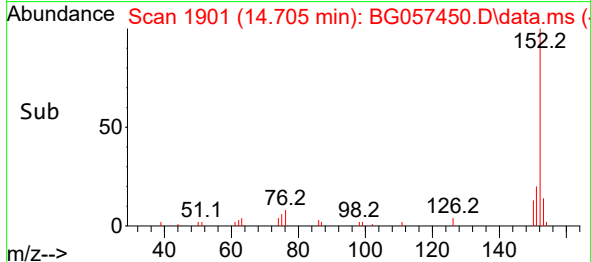
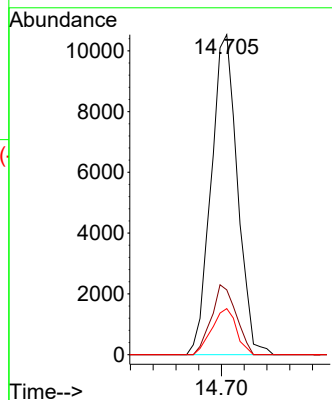


#49
Acenaphthylene
Concen: 3.557 ng
RT: 14.705 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

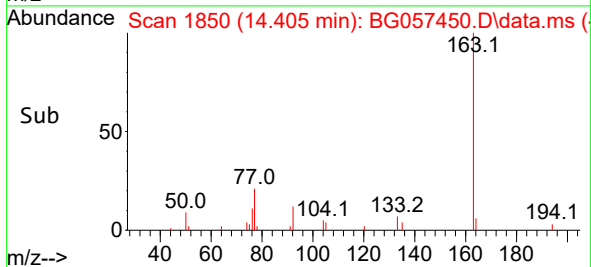
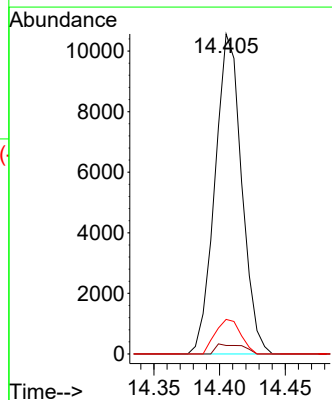
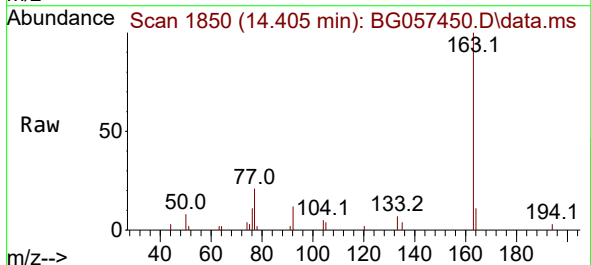


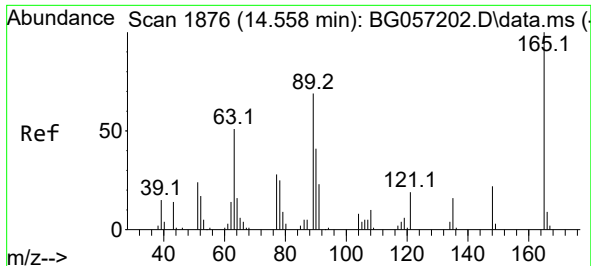
Tgt Ion:152	Resp:	16869
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.0 24.0
153	14.4	10.7 16.1



#50
Dimethylphthalate
Concen: 3.438 ng
RT: 14.405 min Scan# 1850
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:163	Resp:	14945
Ion Ratio	Lower	Upper
163	100	
194	2.7	3.4 5.2#
164	10.8	8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 3.357 ng

RT: 14.540 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057450.D

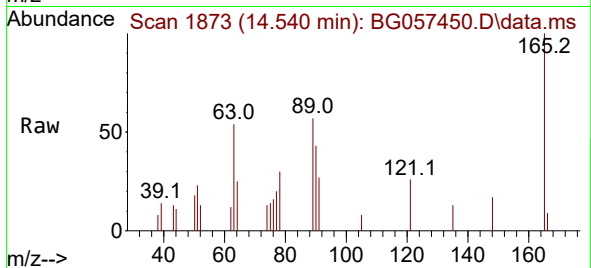
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



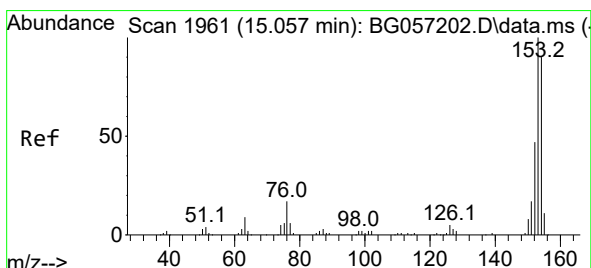
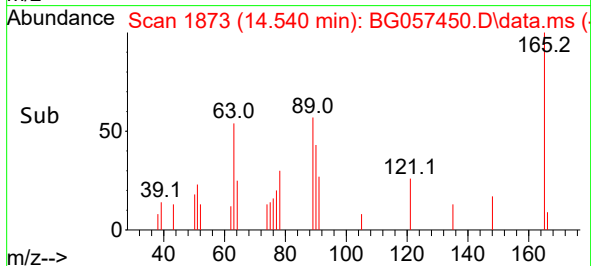
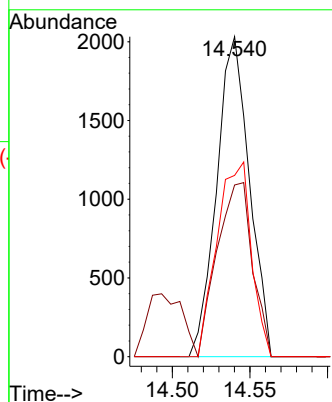
Tgt Ion:165 Resp: 2979

Ion Ratio Lower Upper

165 100

63 53.6 50.9 76.3

89 56.6 55.2 82.8



#52

Acenaphthene

Concen: 3.637 ng

RT: 15.039 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

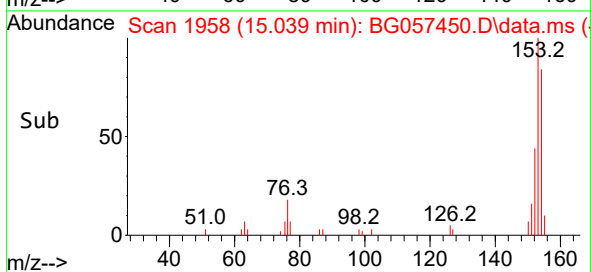
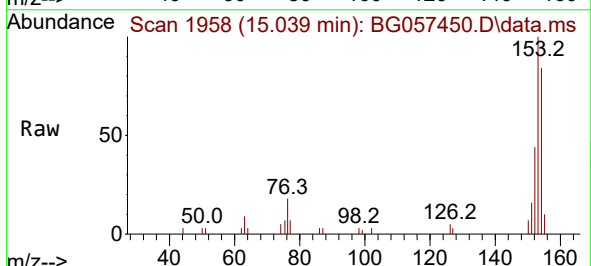
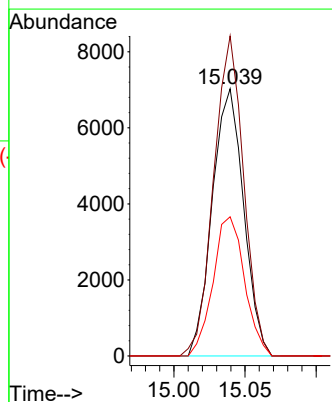
Tgt Ion:154 Resp: 10776

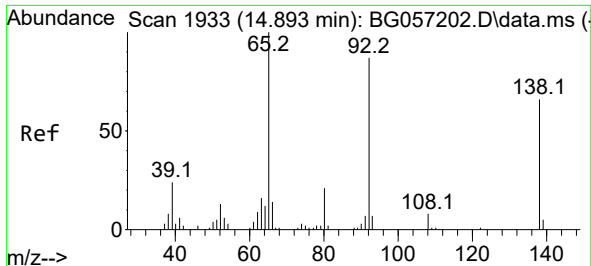
Ion Ratio Lower Upper

154 100

153 119.7 89.3 133.9

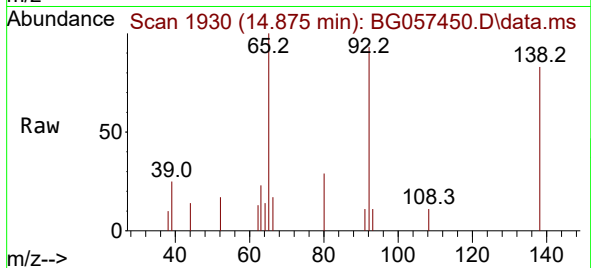
152 52.1 41.7 62.5



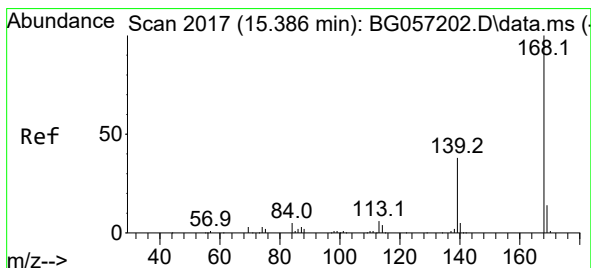
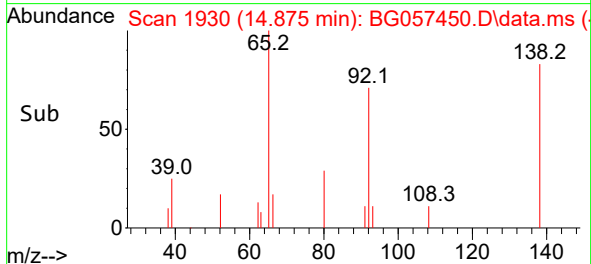
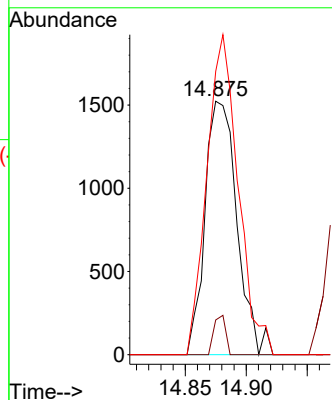


#53
3-Nitroaniline
Concen: 3.122 ng
RT: 14.875 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

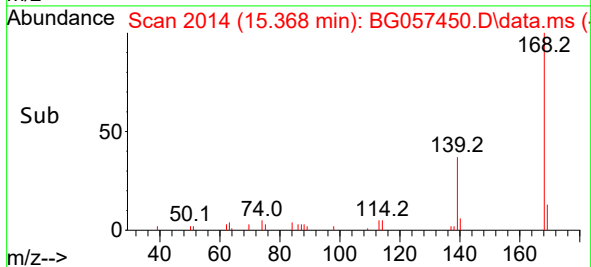
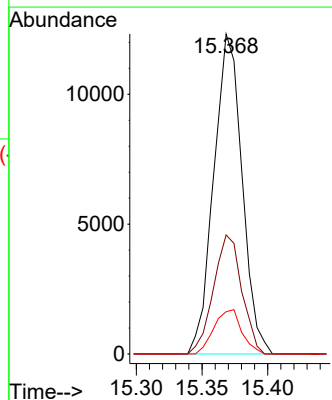
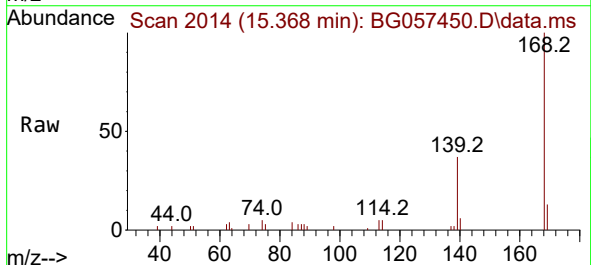


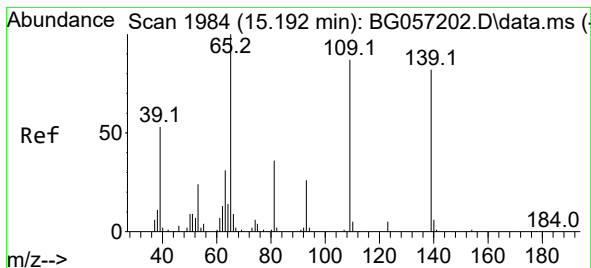
Tgt Ion:138 Resp: 2776
Ion Ratio Lower Upper
138 100
108 13.7 9.5 14.3
92 111.8 106.2 159.4



#55
Dibenzofuran
Concen: 3.712 ng
RT: 15.368 min Scan# 2014
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:168 Resp: 18483
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 13.2 10.9 16.3

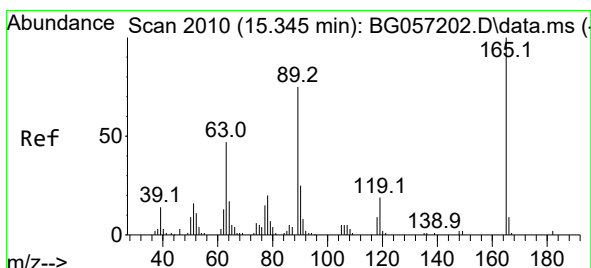
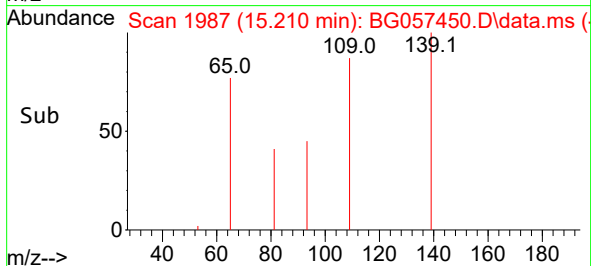
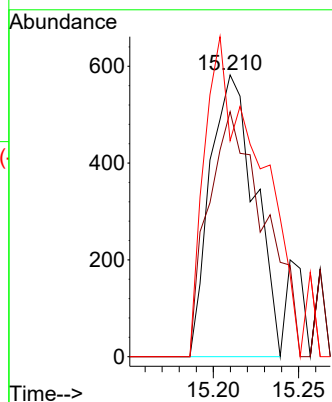
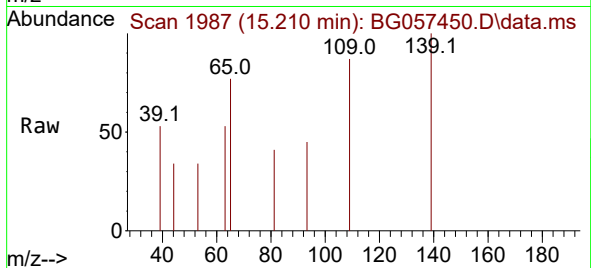




#56
4-Nitrophenol
Concen: 1.793 ng
RT: 15.210 min Scan# 1984
Delta R.T. 0.026 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

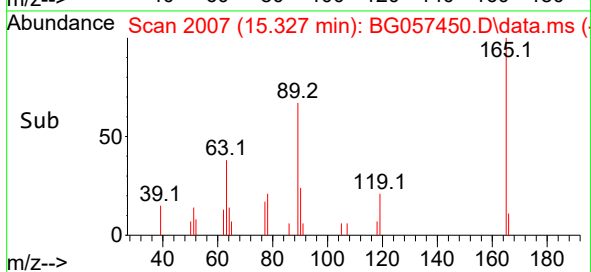
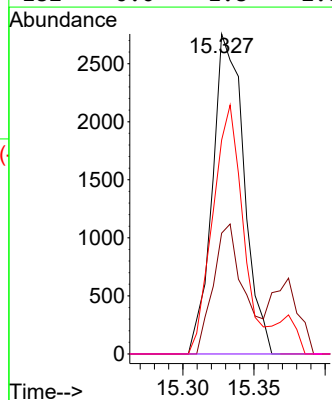
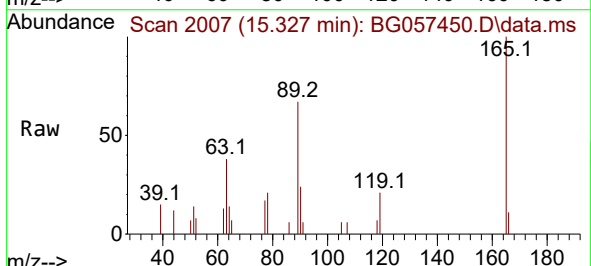
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

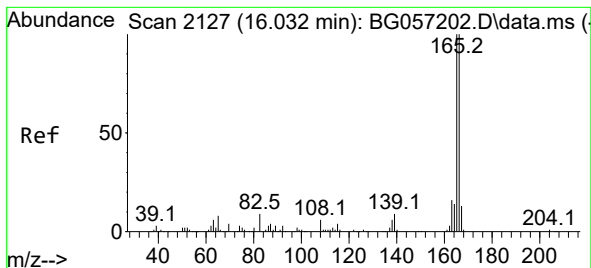
Tgt Ion:139 Resp: 1060
Ion Ratio Lower Upper
139 100
109 86.9 86.6 126.6
65 76.6 102.6 142.6#



#57
2,4-Dinitrotoluene
Concen: 3.355 ng
RT: 15.327 min Scan# 2007
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:165 Resp: 4255
Ion Ratio Lower Upper
165 100
63 37.7 37.5 56.3
89 66.8 60.2 90.4
182 0.0 1.8 2.8#





#58

Fluorene

Concen: 3.636 ng

RT: 16.015 min Scan# 2124

Delta R.T. -0.009 min

Lab File: BG057450.D

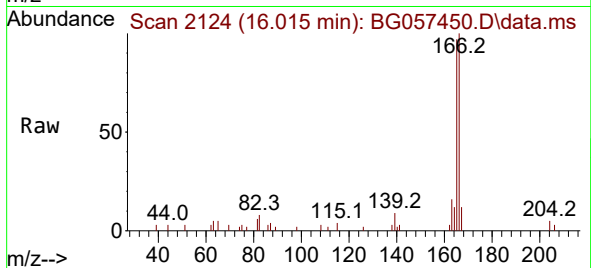
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



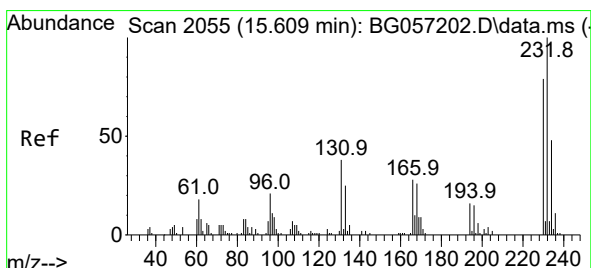
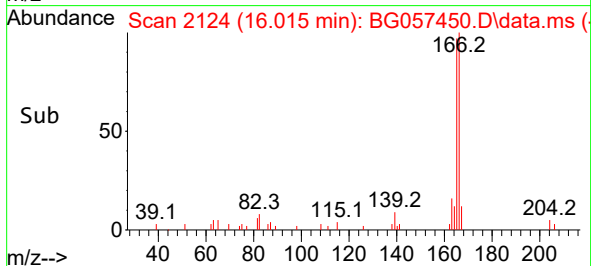
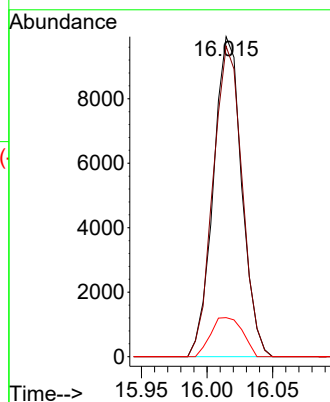
Tgt Ion:166 Resp: 14909

Ion Ratio Lower Upper

166 100

165 97.0 80.1 120.1

167 12.2 10.2 15.2



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.333 ng

RT: 15.598 min Scan# 2053

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Tgt Ion:232 Resp: 4067

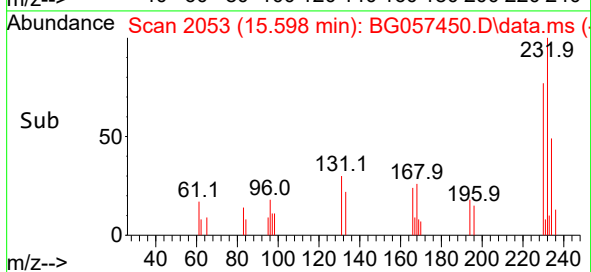
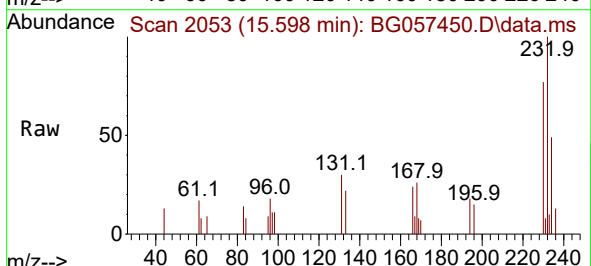
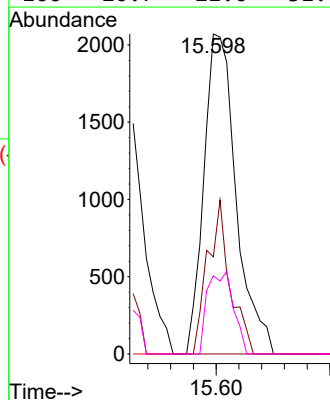
Ion Ratio Lower Upper

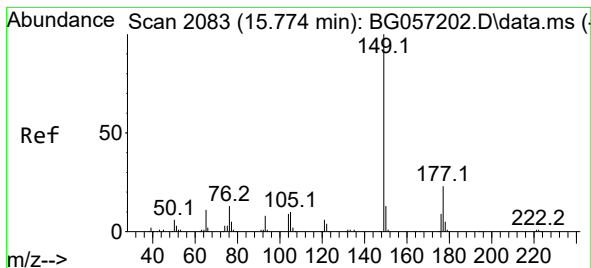
232 100

131 33.3 28.6 42.8

130 0.0 1.6 2.4#

166 20.7 21.0 31.6#





#60

Diethylphthalate

Concen: 3.374 ng

RT: 15.750 min Scan# 2083

Delta R.T. -0.009 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

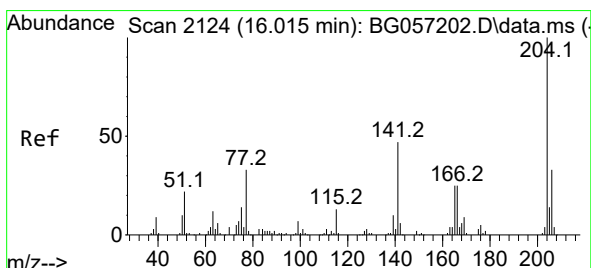
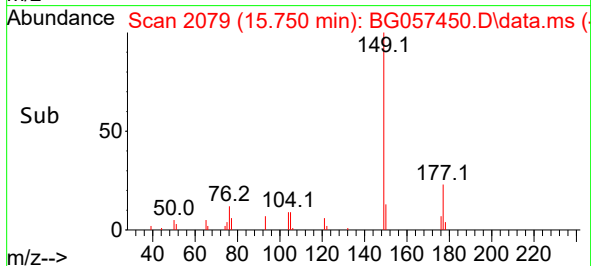
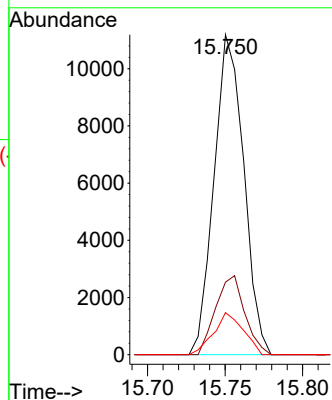
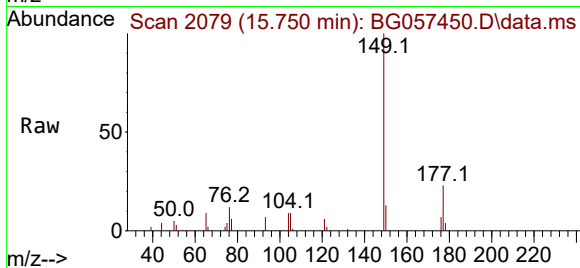
Tgt Ion:149 Resp: 14893

Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

150 13.2 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 3.615 ng

RT: 15.997 min Scan# 2121

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

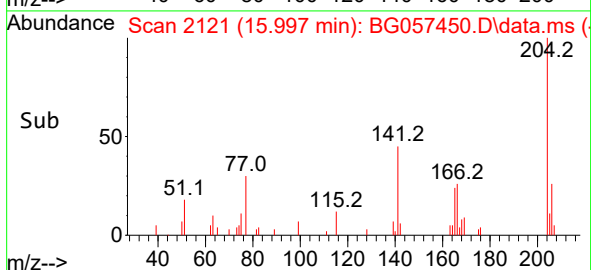
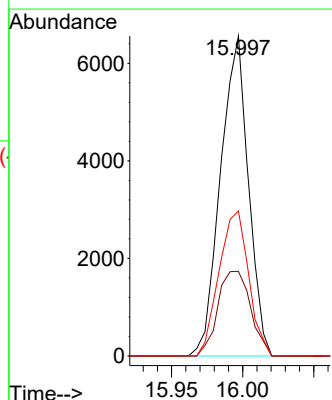
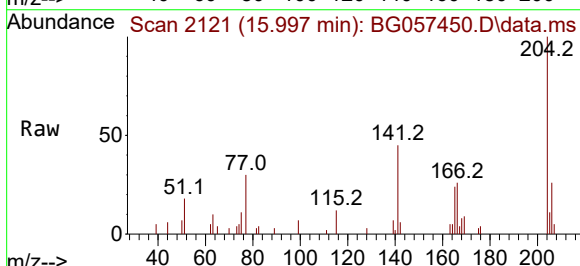
Tgt Ion:204 Resp: 8931

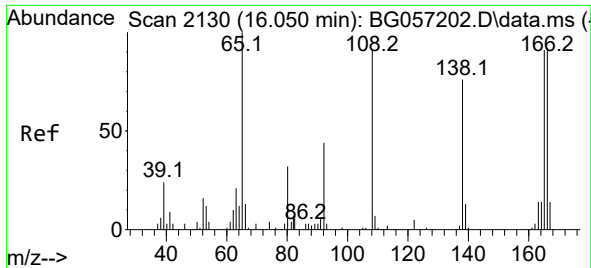
Ion Ratio Lower Upper

204 100

206 26.5 26.5 39.7#

141 45.3 37.4 56.0

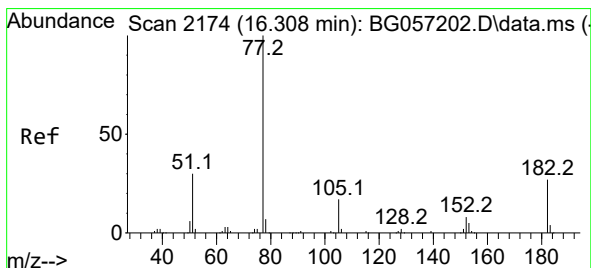
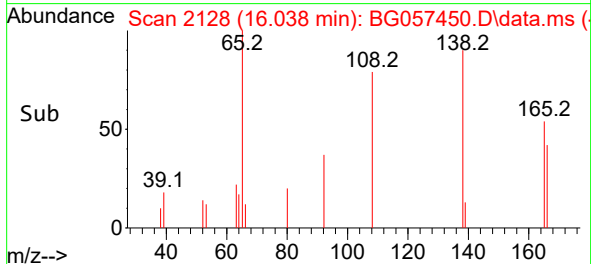
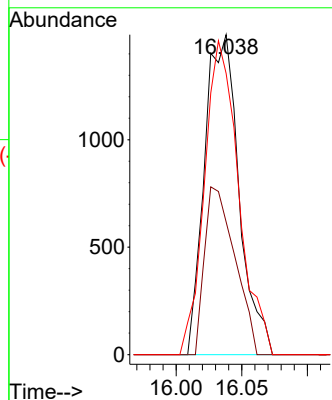
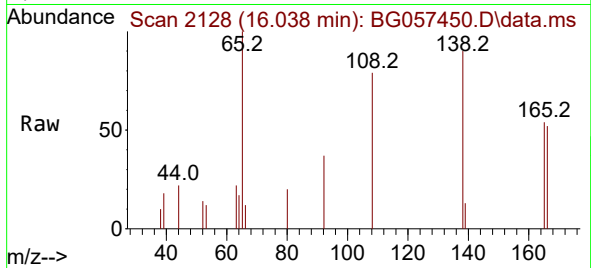




#62
4-Nitroaniline
Concen: 3.025 ng
RT: 16.038 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

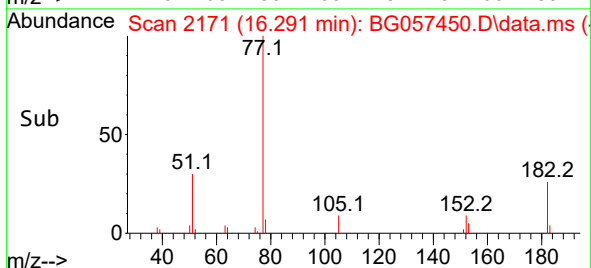
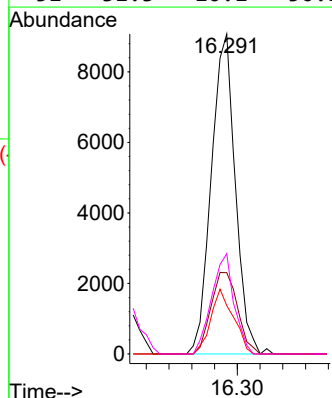
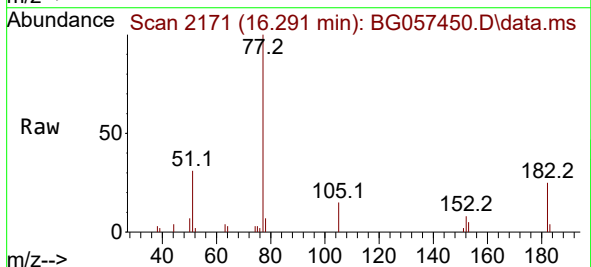
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

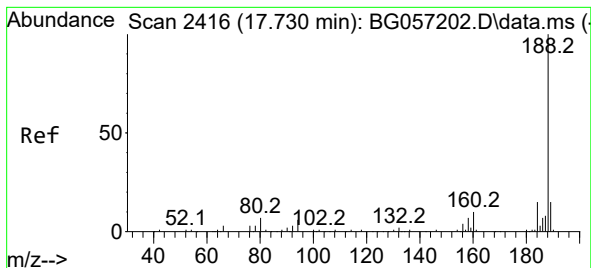
Tgt Ion:138 Resp: 2713
Ion Ratio Lower Upper
138 100
92 41.5 38.2 78.2
108 87.9 99.6 139.6#



#63
Azobenzene
Concen: 3.120 ng
RT: 16.291 min Scan# 2171
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion: 77 Resp: 13288
Ion Ratio Lower Upper
77 100
182 25.4 7.4 47.4
105 15.1 0.0 37.2
51 31.3 10.1 50.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

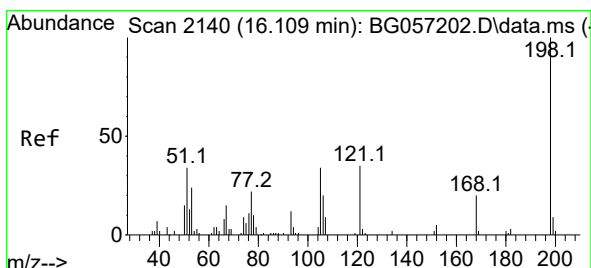
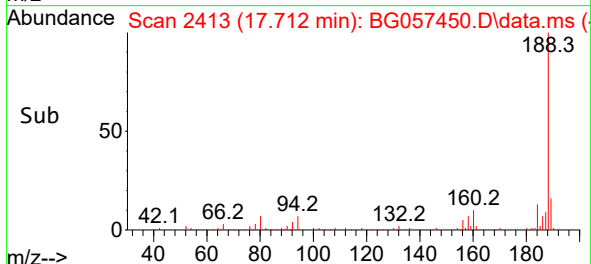
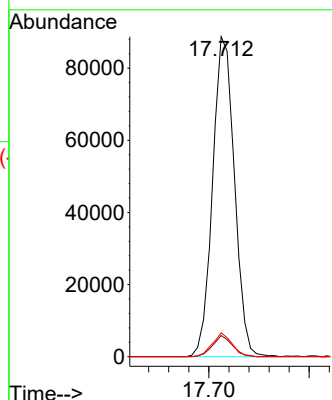
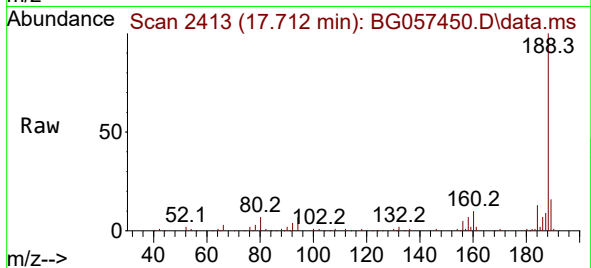
Tgt Ion:188 Resp: 134056

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

80 7.4 5.7 8.5



#65

4,6-Dinitro-2-methylphenol

Concen: 1.980 ng

RT: 16.103 min Scan# 2139

Delta R.T. 0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

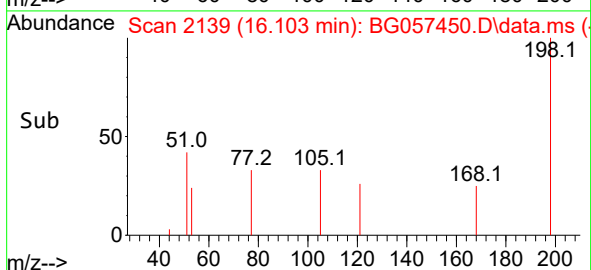
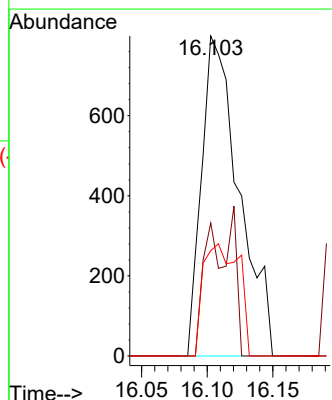
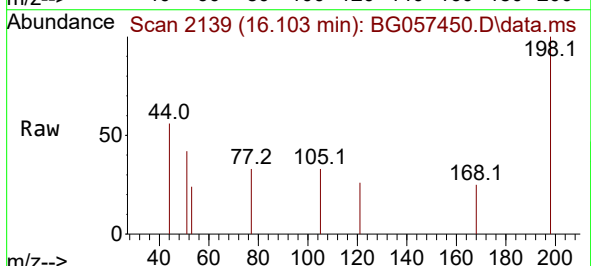
Tgt Ion:198 Resp: 1585

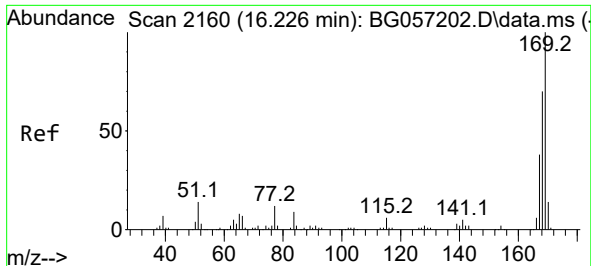
Ion Ratio Lower Upper

198 100

51 41.6 16.1 56.1

105 32.9 14.0 54.0

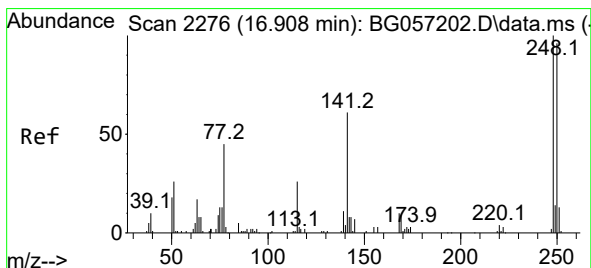
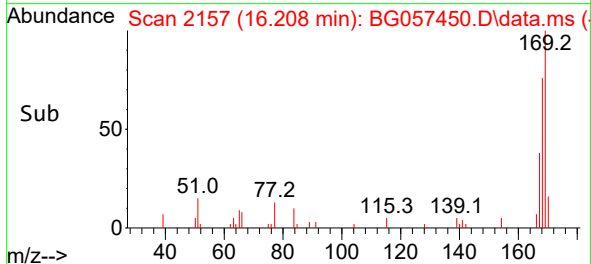
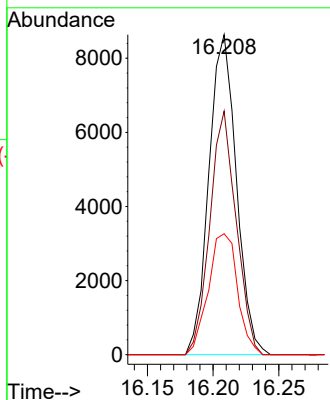
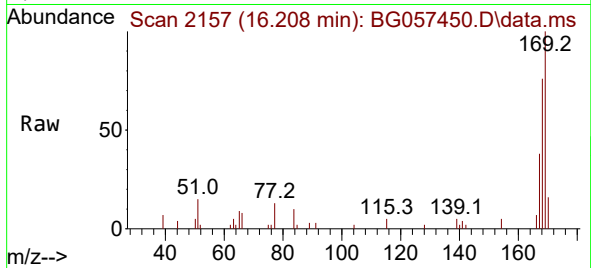




#66
n-Nitrosodiphenylamine
Concen: 3.452 ng
RT: 16.208 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

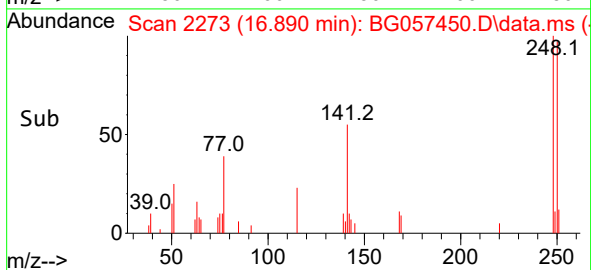
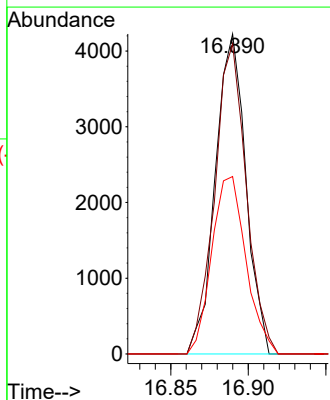
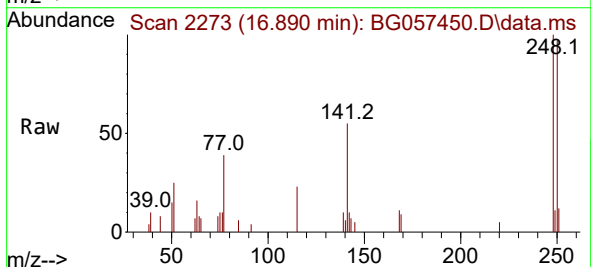
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

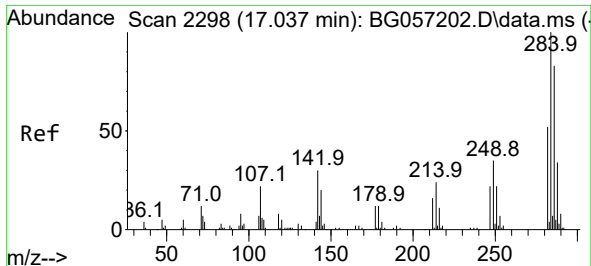
Tgt Ion:169 Resp: 12567
Ion Ratio Lower Upper
169 100
168 76.1 56.2 84.4
167 37.8 30.2 45.4



#67
4-Bromophenyl-phenylether
Concen: 3.523 ng
RT: 16.890 min Scan# 2273
Delta R.T. -0.003 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

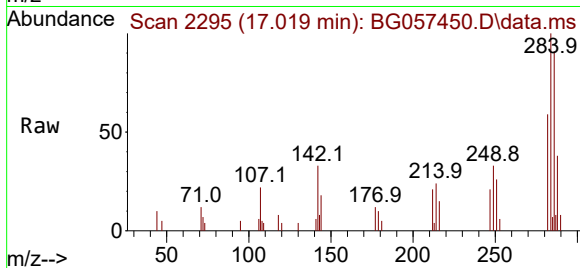
Tgt Ion:248 Resp: 5766
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 55.5 48.6 72.8



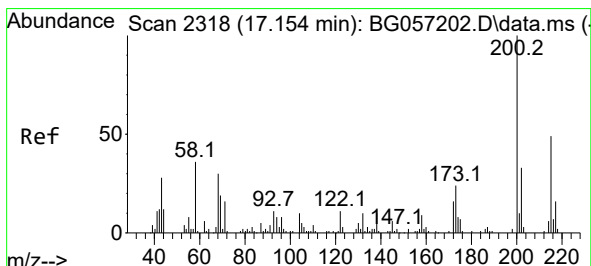
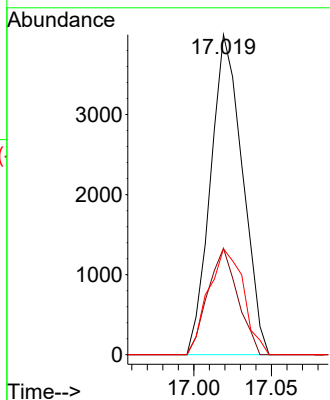
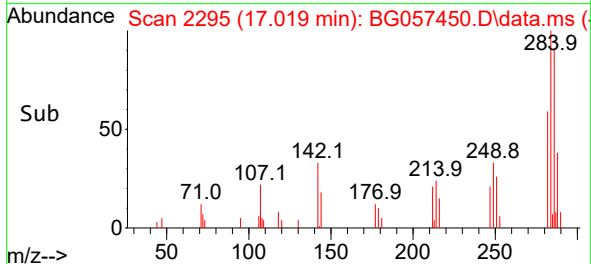


#68
Hexachlorobenzene
Concen: 3.597 ng
RT: 17.019 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

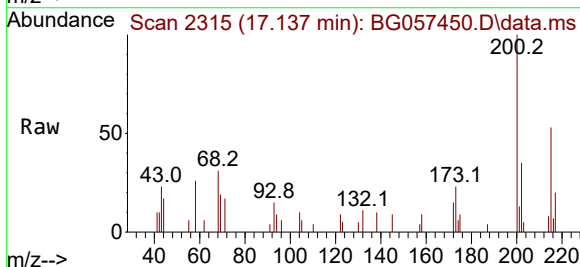
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



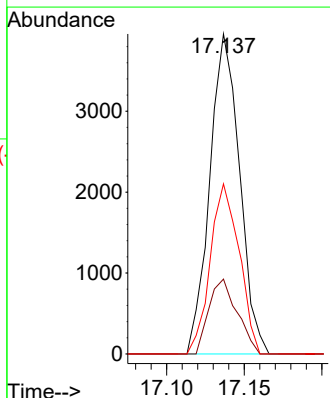
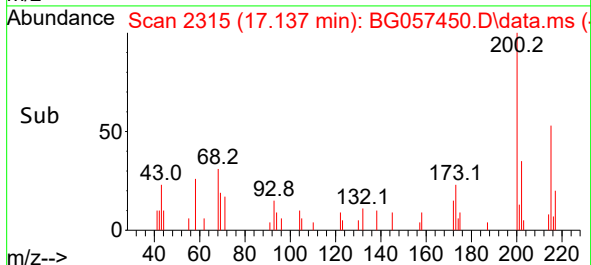
Tgt Ion:284 Resp: 5720
Ion Ratio Lower Upper
284 100
142 33.2 23.9 35.9
249 33.0 27.7 41.5

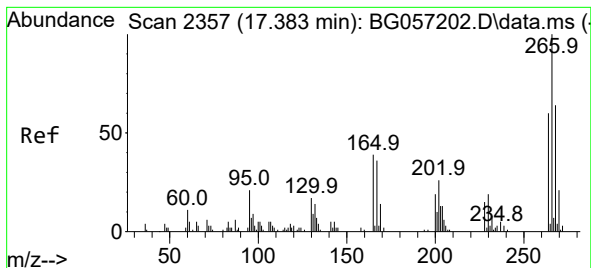


#69
Atrazine
Concen: 3.798 ng
RT: 17.137 min Scan# 2315
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48



Tgt Ion:200 Resp: 5275
Ion Ratio Lower Upper
200 100
173 23.4 4.3 44.3
215 53.1 29.3 69.3





#70

Pentachlorophenol

Concen: 0.419 ng

RT: 17.401 min Scan# 21

Delta R.T. 0.026 min

Lab File: BG057450.D

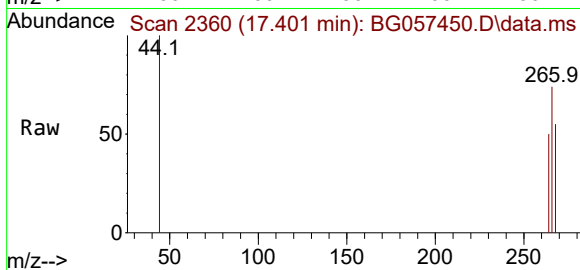
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



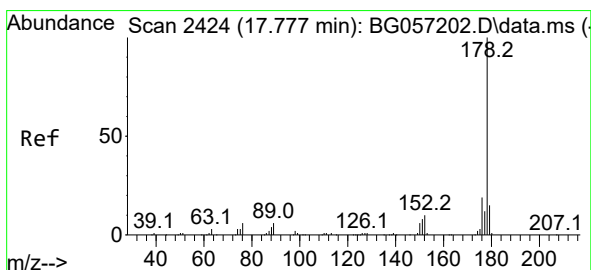
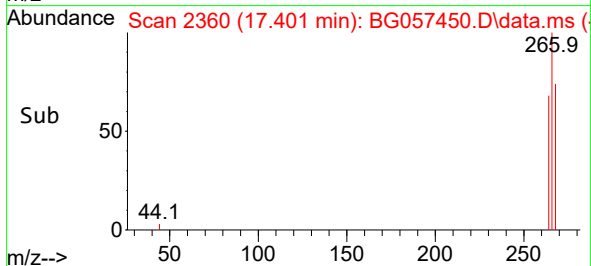
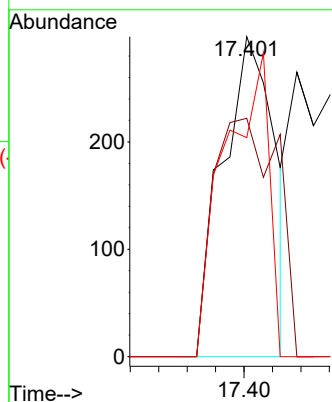
Tgt Ion:266 Resp: 384

Ion Ratio Lower Upper

266 100

268 74.5 51.0 76.6

264 68.5 47.8 71.6



#71

Phenanthrene

Concen: 3.704 ng

RT: 17.759 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

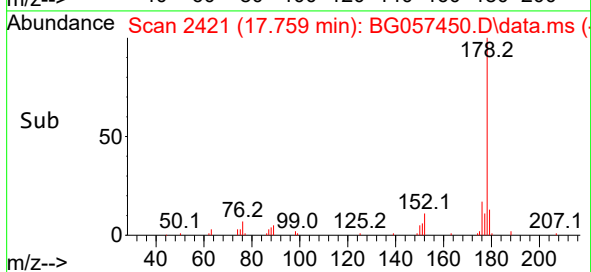
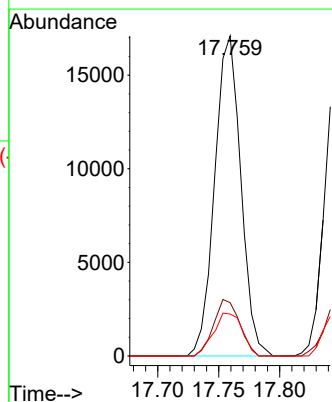
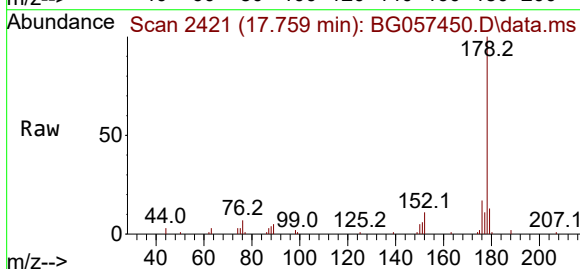
Tgt Ion:178 Resp: 25444

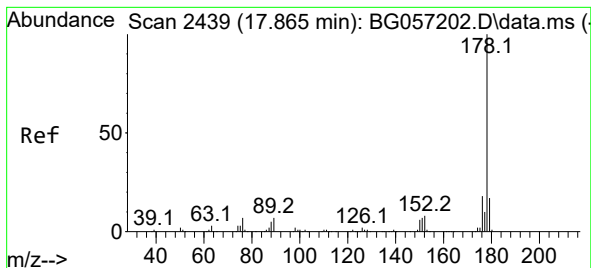
Ion Ratio Lower Upper

178 100

176 16.7 15.4 23.2

179 13.1 12.3 18.5





#72

Anthracene

Concen: 3.650 ng

RT: 17.847 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

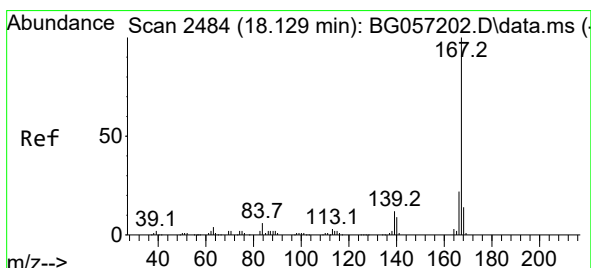
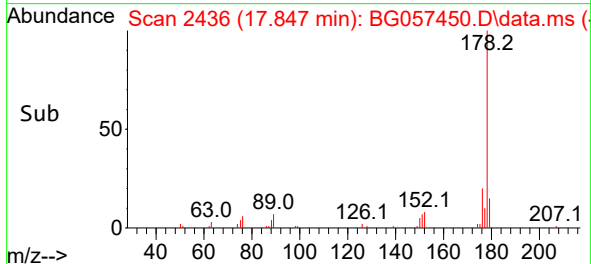
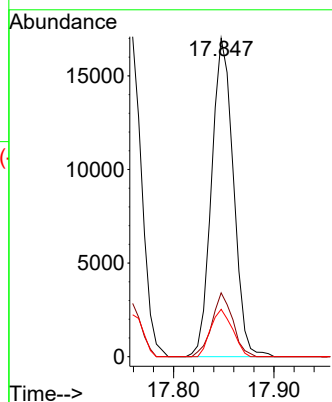
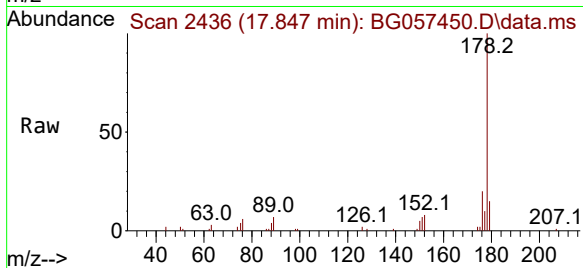
Tgt Ion:178 Resp: 25730

Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 14.9 13.2 19.8



#73

Carbazole

Concen: 3.635 ng

RT: 18.118 min Scan# 2482

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

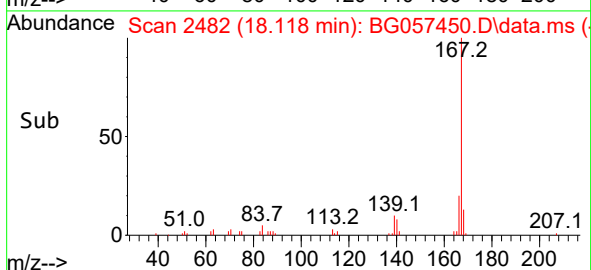
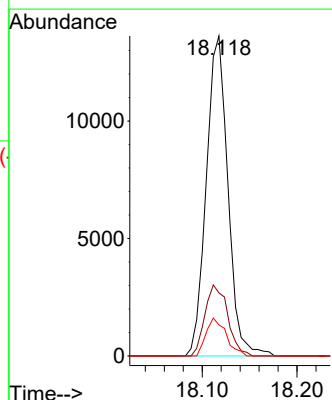
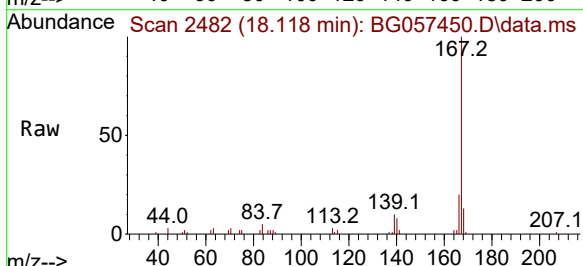
Tgt Ion:167 Resp: 21570

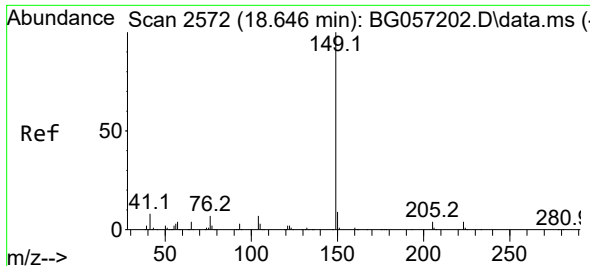
Ion Ratio Lower Upper

167 100

166 19.7 17.4 26.0

139 9.7 9.6 14.4

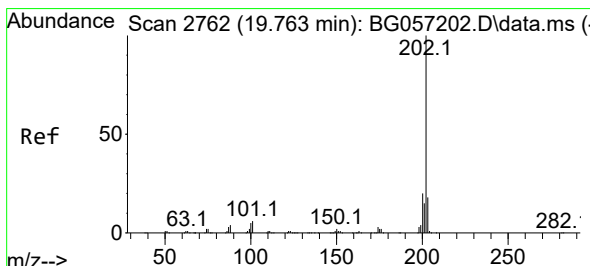
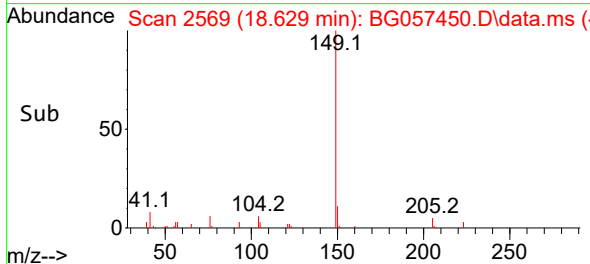
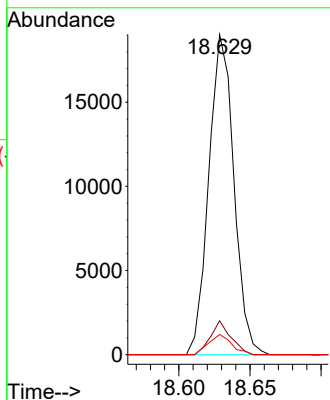
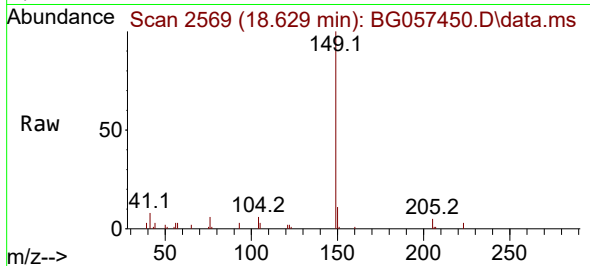




#74
Di-n-butylphthalate
Concen: 3.412 ng
RT: 18.629 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

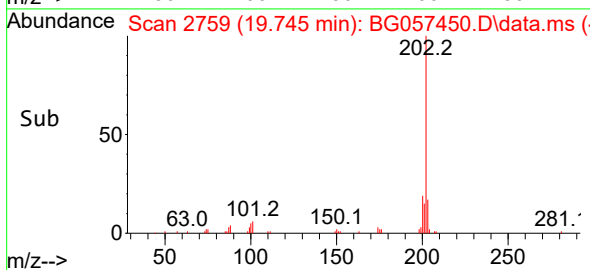
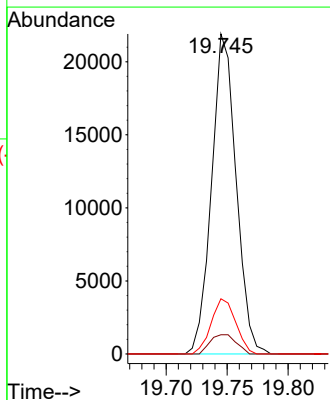
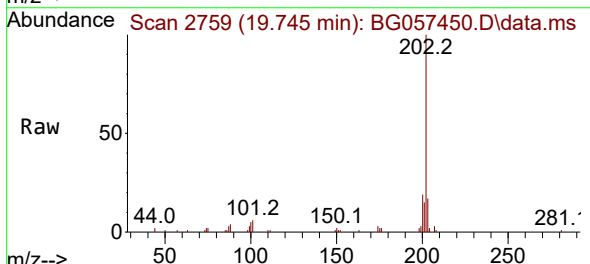
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

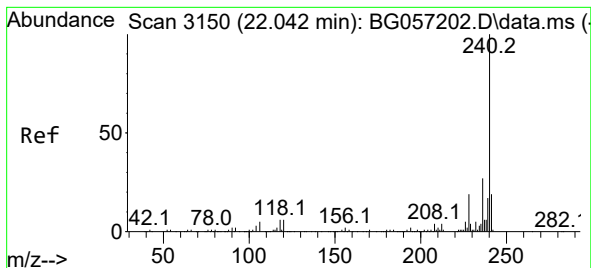
Tgt Ion:149 Resp: 23296
Ion Ratio Lower Upper
149 100
150 10.6 7.3 10.9
104 6.3 5.4 8.2



#75
Fluoranthene
Concen: 3.590 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:202 Resp: 30672
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.2
203 17.3 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.024 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG057450.D

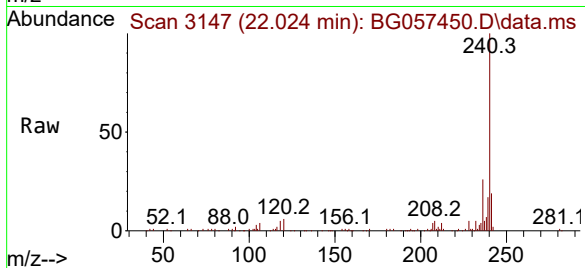
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



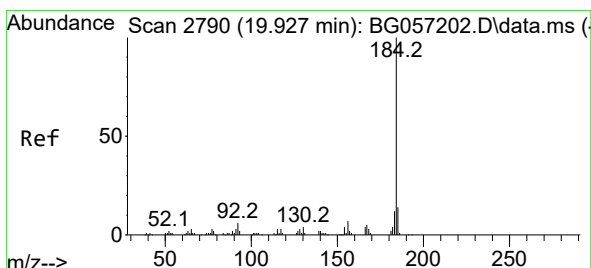
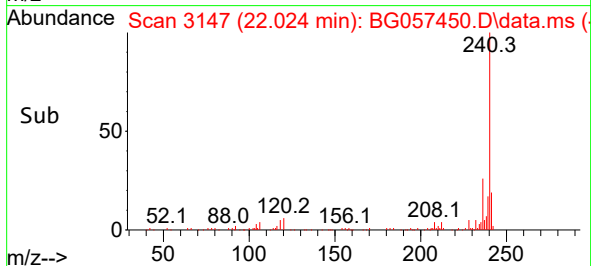
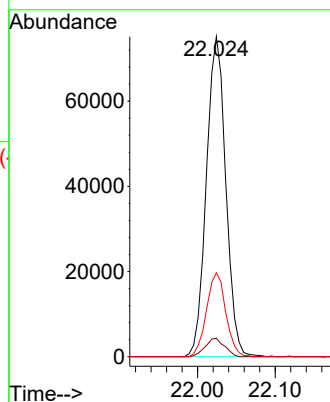
Tgt Ion:240 Resp: 130644

Ion Ratio Lower Upper

240 100

120 5.7 4.9 7.3

236 26.2 21.4 32.2



#77

Benzidine

Concen: 5.257 ng

RT: 19.915 min Scan# 2788

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

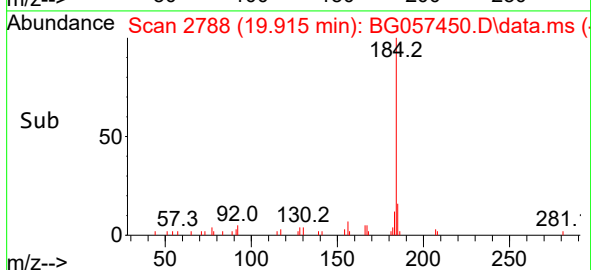
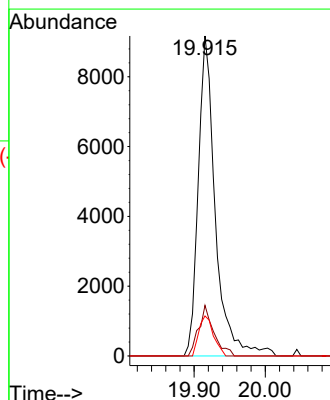
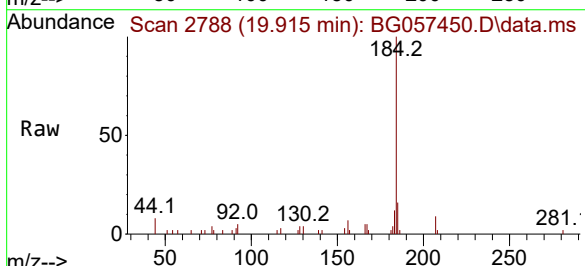
Tgt Ion:184 Resp: 15354

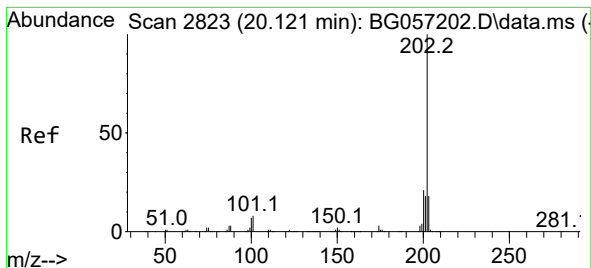
Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

183 12.5 9.9 14.9





#78

Pyrene

Concen: 3.349 ng

RT: 20.109 min Scan# 2821

Delta R.T. -0.003 min

Lab File: BG057450.D

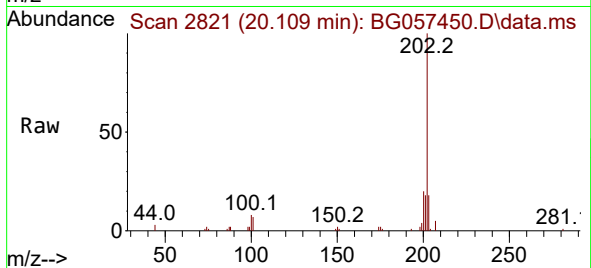
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



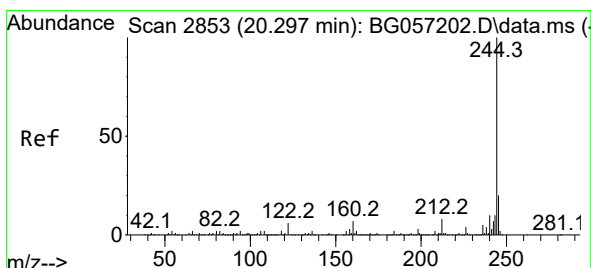
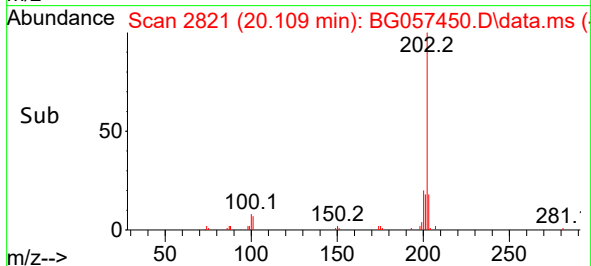
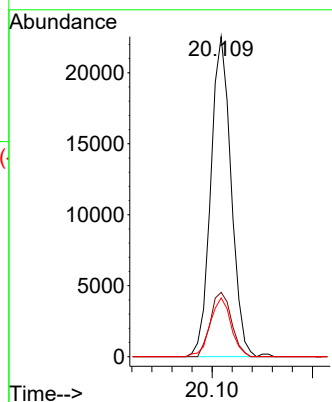
Tgt Ion:202 Resp: 31789

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

203 18.4 14.2 21.4



#79

Terphenyl-d14

Concen: 69.005 ng

RT: 20.285 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

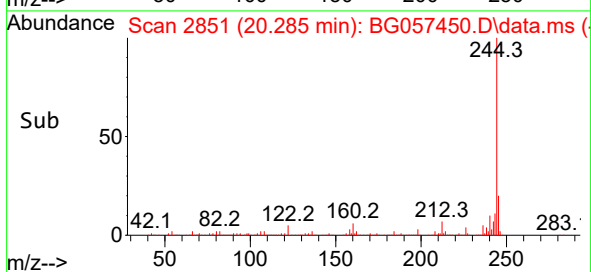
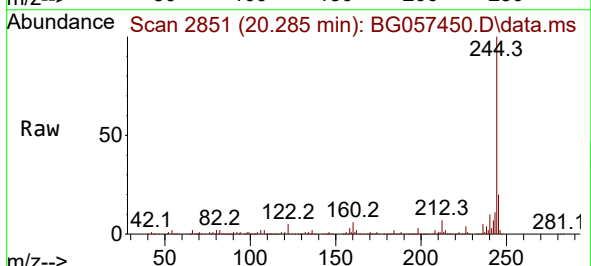
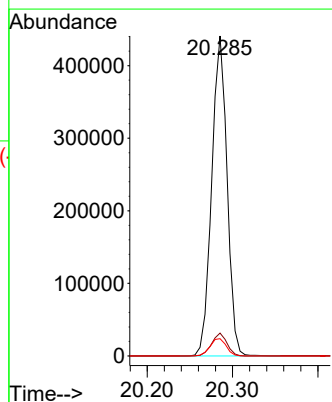
Tgt Ion:244 Resp: 552425

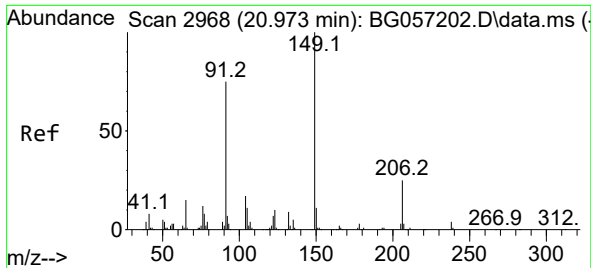
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 5.4 5.1 7.7

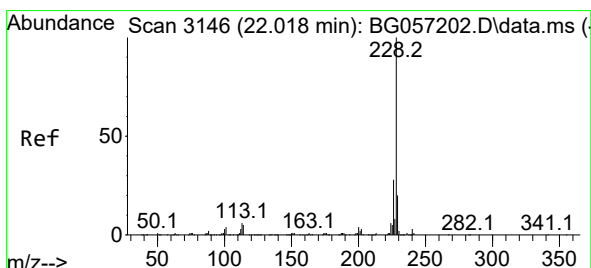
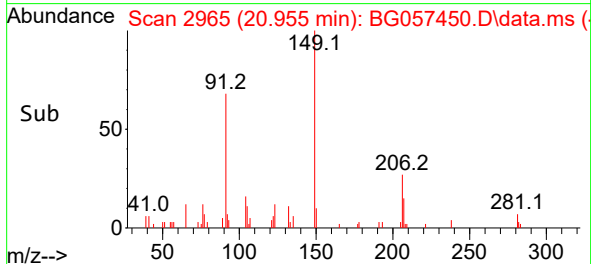
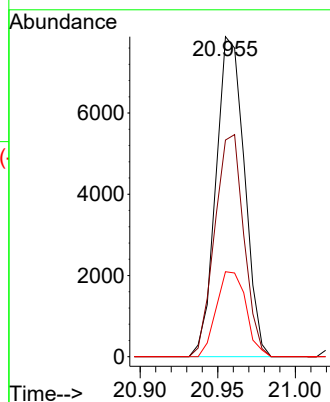
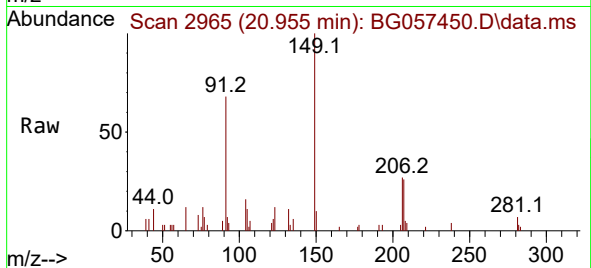




#80
 Butylbenzylphthalate
 Concen: 3.342 ng
 RT: 20.955 min Scan# 2965
 Delta R.T. -0.009 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

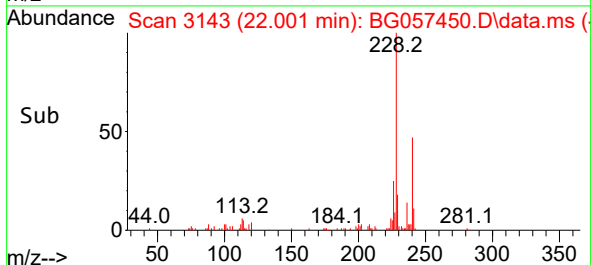
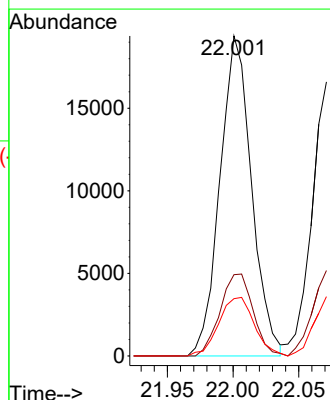
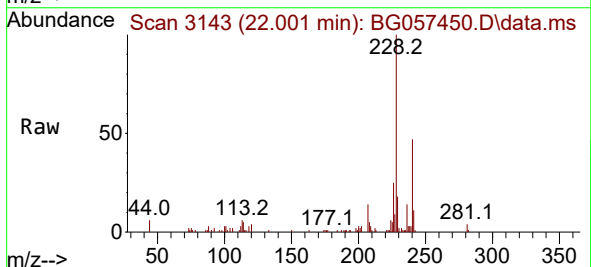
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

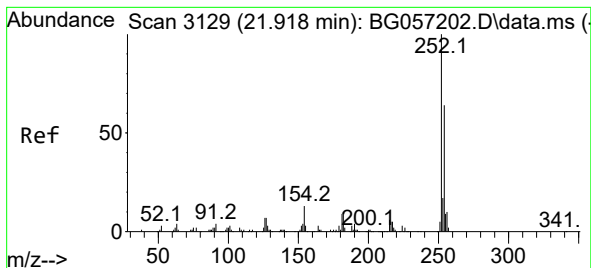
Tgt Ion:	149	Resp:	10068
Ion Ratio	Lower	Upper	
149	100		
91	67.7	59.7	89.5
206	26.5	19.7	29.5



#81
 Benzo(a)anthracene
 Concen: 3.488 ng
 RT: 22.001 min Scan# 3143
 Delta R.T. -0.009 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

Tgt Ion:	228	Resp:	32464
Ion Ratio	Lower	Upper	
228	100		
226	25.4	22.0	33.0
229	17.9	15.8	23.8

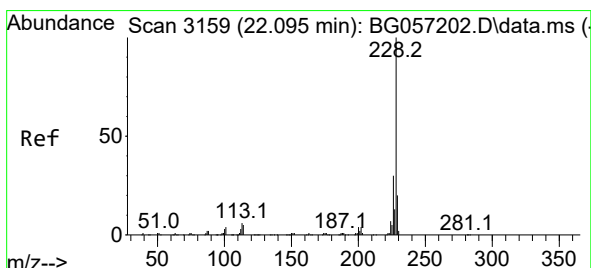
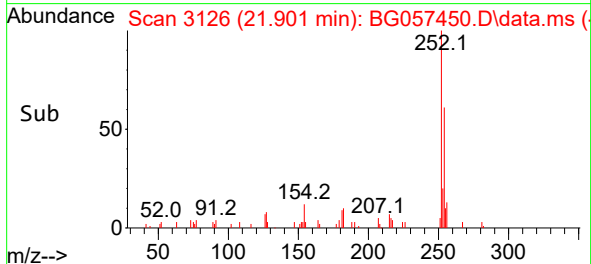
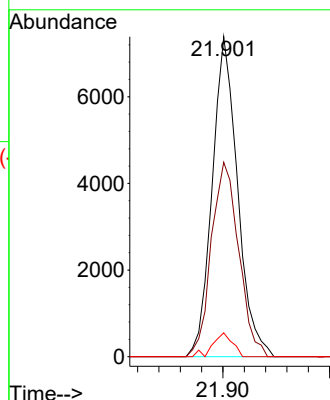
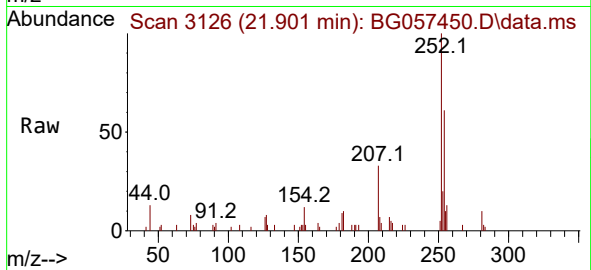




#82
 3,3'-Dichlorobenzidine
 Concen: 4.098 ng
 RT: 21.901 min Scan# 3126
 Delta R.T. -0.003 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

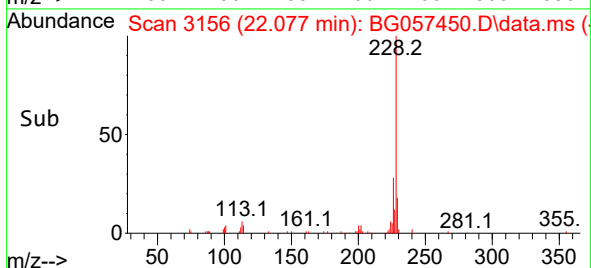
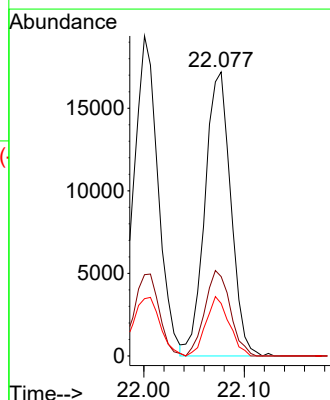
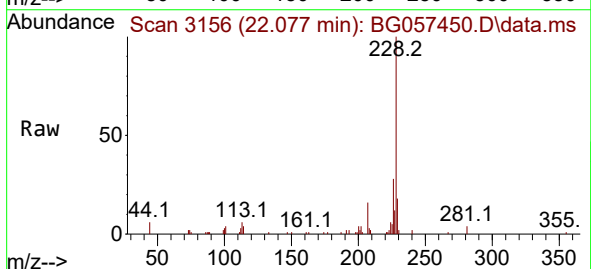
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

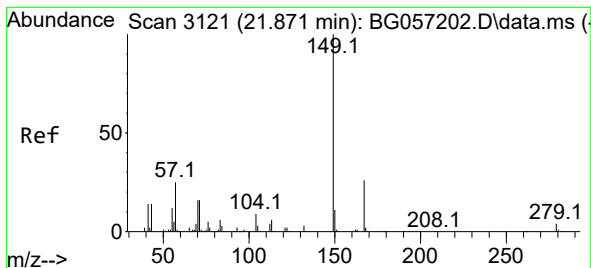
Tgt Ion:252 Resp: 12217
 Ion Ratio Lower Upper
 252 100
 254 60.8 51.4 77.0
 126 7.4 5.9 8.9



#83
 Chrysene
 Concen: 3.517 ng
 RT: 22.077 min Scan# 3156
 Delta R.T. -0.003 min
 Lab File: BG057450.D
 Acq: 17 May 2023 18:48

Tgt Ion:228 Resp: 30797
 Ion Ratio Lower Upper
 228 100
 226 27.9 24.3 36.5
 229 18.5 15.9 23.9

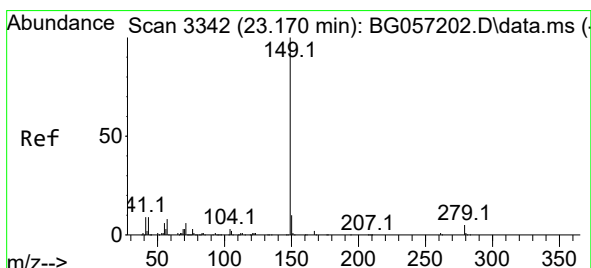
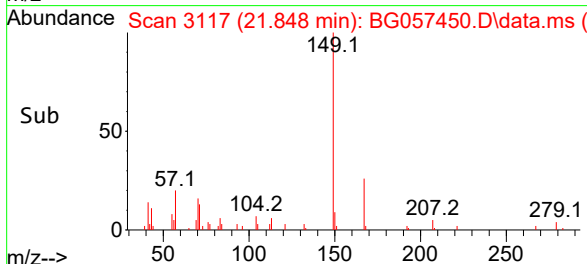
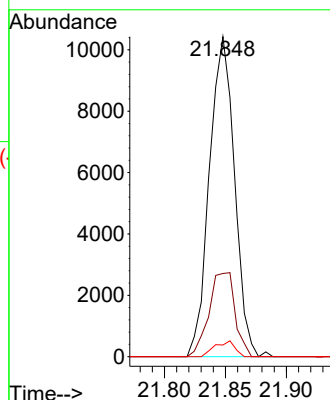
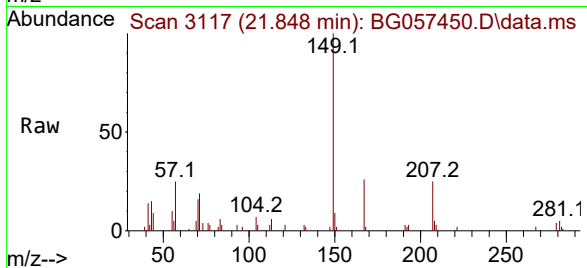




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.356 ng
RT: 21.848 min Scan# 3117
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

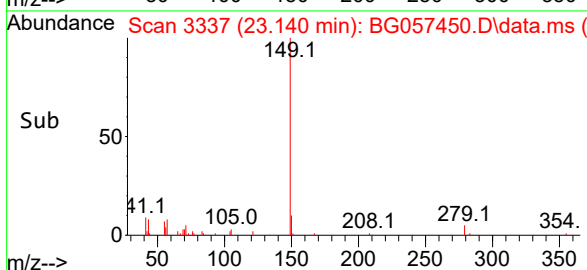
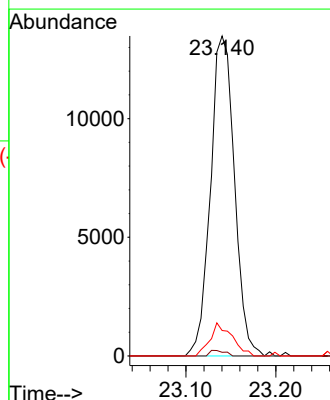
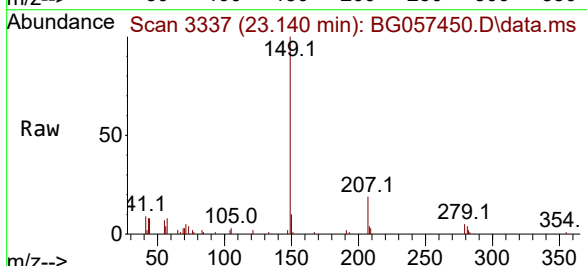
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

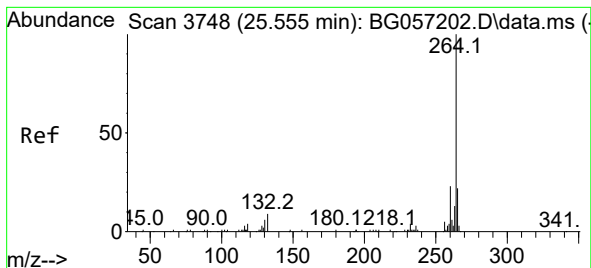
Tgt Ion:149 Resp: 14957
Ion Ratio Lower Upper
149 100
167 26.0 21.2 31.8
279 3.6 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 3.366 ng
RT: 23.140 min Scan# 3337
Delta R.T. -0.009 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Tgt Ion:149 Resp: 25008
Ion Ratio Lower Upper
149 100
167 1.1 1.3 1.9#
43 9.5 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.531 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057450.D

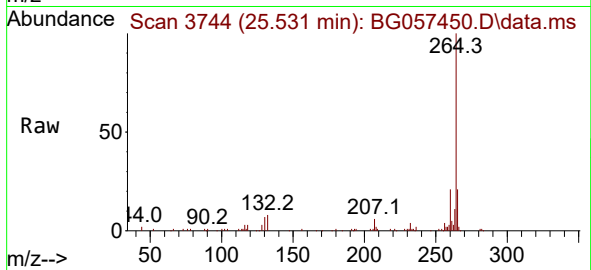
Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



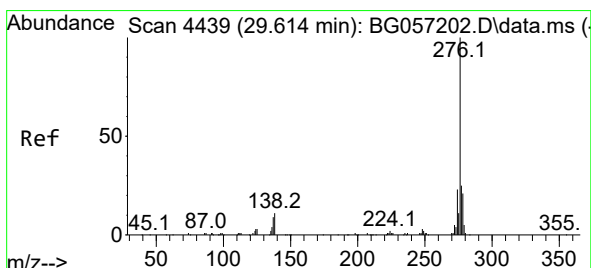
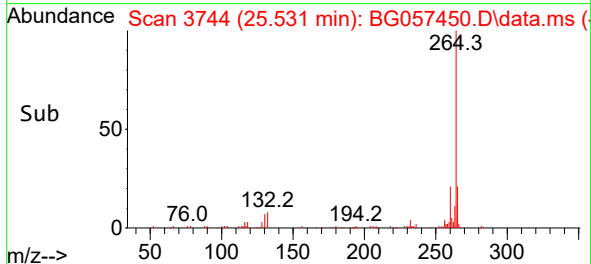
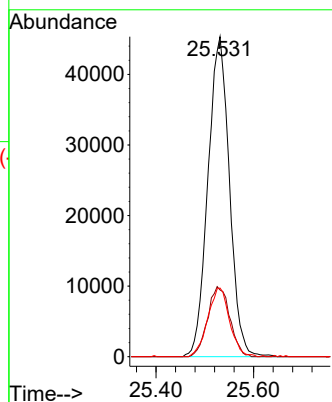
Tgt Ion:264 Resp: 138734

Ion Ratio Lower Upper

264 100

260 20.8 18.8 28.2

265 21.5 17.9 26.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.468 ng

RT: 29.579 min Scan# 4433

Delta R.T. -0.021 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

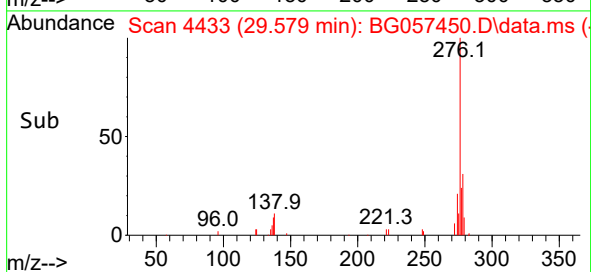
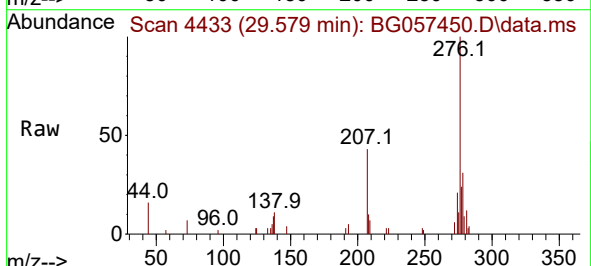
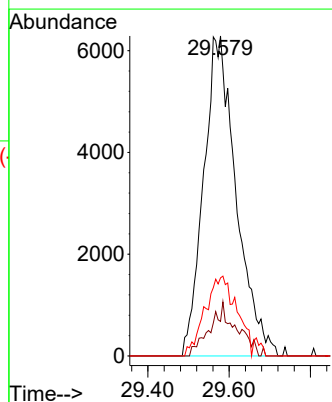
Tgt Ion:276 Resp: 35063

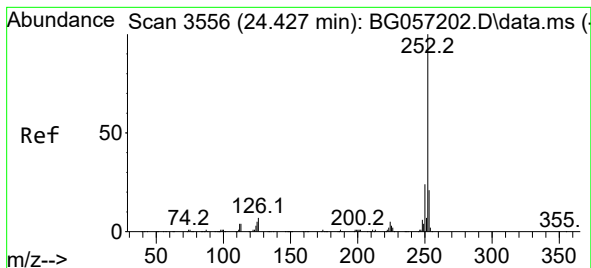
Ion Ratio Lower Upper

276 100

138 11.1 5.4 8.0#

277 24.1 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 3.597 ng

RT: 24.480 min Scan# 3565

Delta R.T. 0.067 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

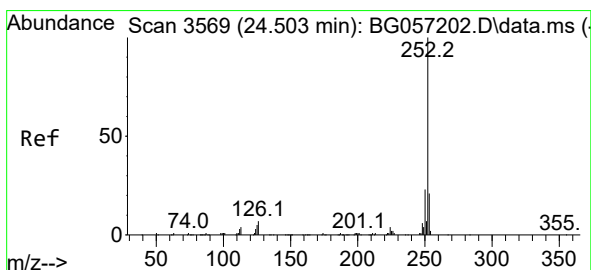
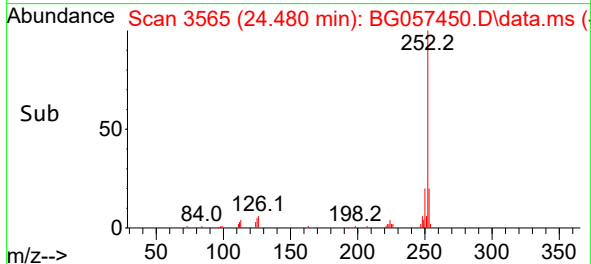
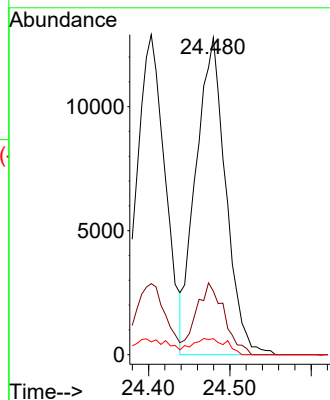
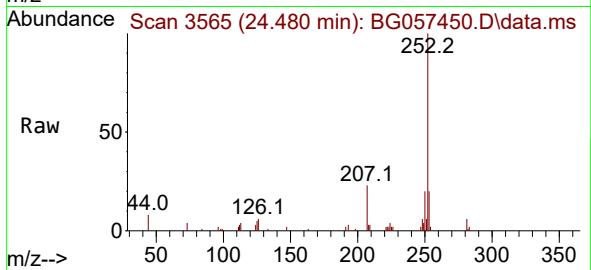
Tgt Ion:252 Resp: 32620

Ion Ratio Lower Upper

252 100

253 20.1 17.0 25.6

125 5.1 4.2 6.2



#89

Benzo(k)fluoranthene

Concen: 3.540 ng

RT: 24.480 min Scan# 3565

Delta R.T. -0.009 min

Lab File: BG057450.D

Acq: 17 May 2023 18:48

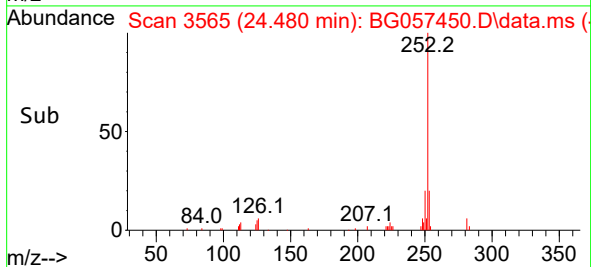
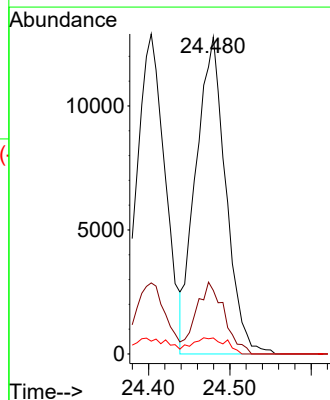
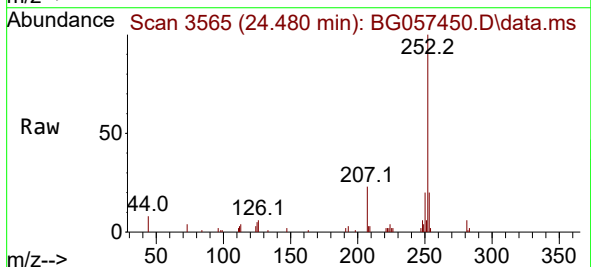
Tgt Ion:252 Resp: 32620

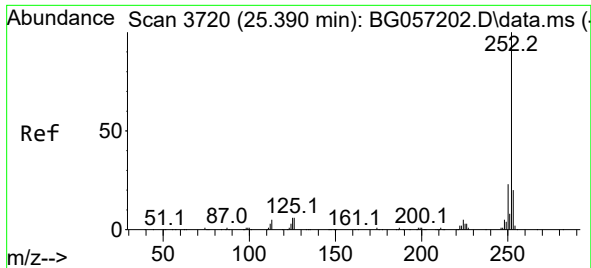
Ion Ratio Lower Upper

252 100

253 20.1 17.4 26.0

125 5.1 4.1 6.1

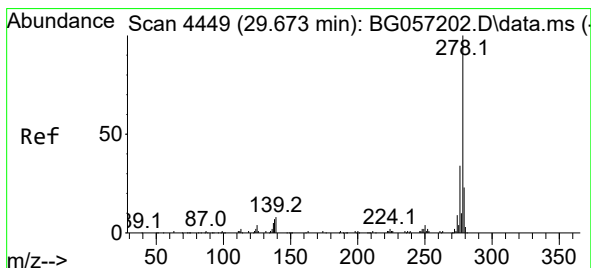
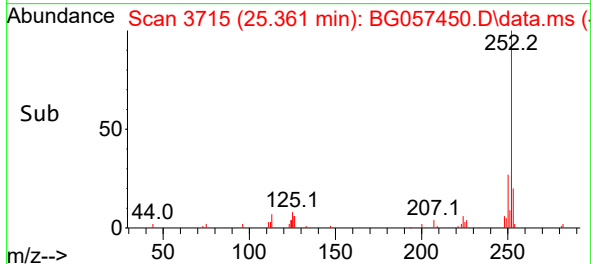
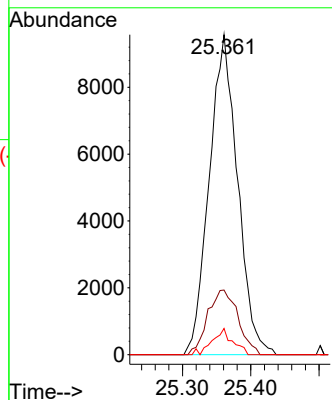
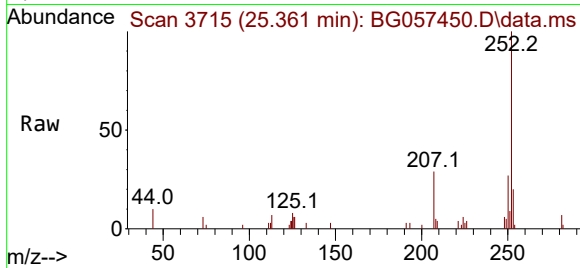




#90
Benzo(a)pyrene
Concen: 3.120 ng
RT: 25.361 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

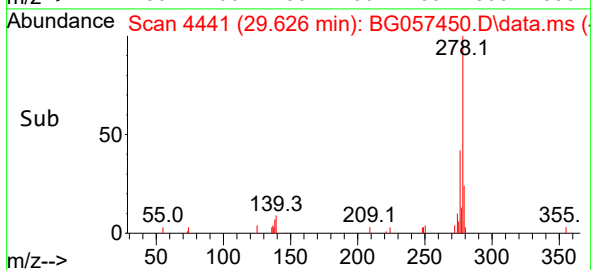
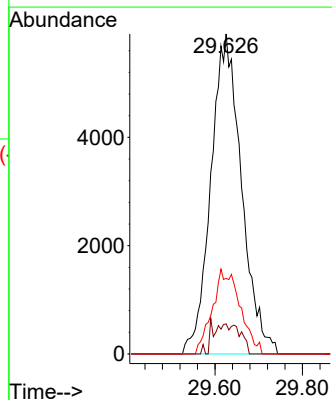
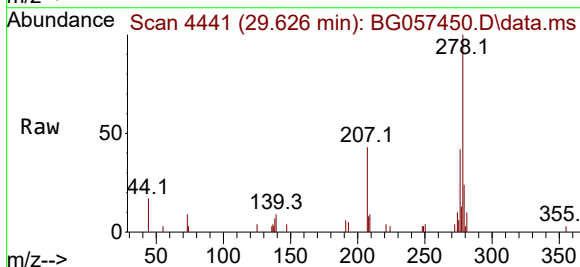
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

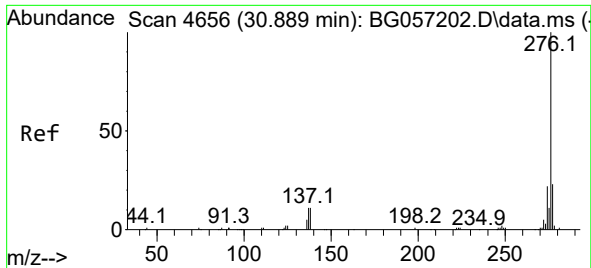
Tgt Ion:252 Resp: 27641
Ion Ratio Lower Upper
252 100
253 20.2 16.3 24.5
125 8.2 5.0 7.4#



#91
Dibenzo(a,h)anthracene
Concen: 3.404 ng
RT: 29.626 min Scan# 4441
Delta R.T. -0.027 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

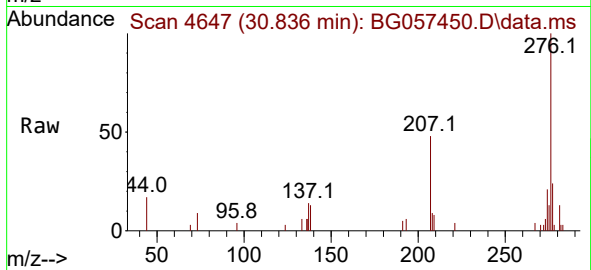
Tgt Ion:278 Resp: 28662
Ion Ratio Lower Upper
278 100
139 9.4 6.2 9.2#
279 23.6 18.6 27.8





#92
Benzo(g,h,i)perylene
Concen: 3.454 ng
RT: 30.836 min Scan# 4
Delta R.T. -0.038 min
Lab File: BG057450.D
Acq: 17 May 2023 18:48

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	12.6	9.0	13.4

