

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063159.D
 Acq On : 4 Nov 2024 17:33
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 04 17:37:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	89178	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	366616	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	275520	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	693636	20.000	ng	0.00
76) Chrysene-d12	21.472	240	861025	20.000	ng	-0.01
86) Perylene-d12	24.504	264	968772	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	675509	117.458	ng	0.00
7) Phenol-d6	7.019	99	965499	128.111	ng	0.00
23) Nitrobenzene-d5	8.999	82	748409	88.786	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	615518	131.518	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	1731284	93.069	ng	0.00
79) Terphenyl-d14	19.857	244	3777367	90.279	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	20419	9.036	ng	94
3) Pyridine	3.746	79	52843	9.687	ng	# 91
4) n-Nitrosodimethylamine	3.664	42	29993	8.851	ng	# 94
6) Aniline	7.171	93	81688	12.053	ng	# 86
8) 2-Chlorophenol	7.412	128	49356	9.241	ng	94
9) Benzaldehyde	6.983	77	53738	11.475	ng	83
10) Phenol	7.042	94	72810	9.018	ng	91
11) bis(2-Chloroethyl)ether	7.271	93	46549	8.548	ng	85
12) 1,3-Dichlorobenzene	7.735	146	49279	7.605	ng	92
13) 1,4-Dichlorobenzene	7.882	146	52803	7.993	ng	90
14) 1,2-Dichlorobenzene	8.194	146	55604	8.733	ng	96
15) Benzyl Alcohol	8.076	79	54408	8.985	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.358	45	94021	9.519	ng	97
17) 2-Methylphenol	8.288	107	47068	9.164	ng	93
18) Hexachloroethane	8.922	117	21046	8.903	ng	87
19) n-Nitroso-di-n-propyla...	8.640	70	49497	9.431	ng	# 89
20) 3+4-Methylphenols	8.611	107	60614	8.849	ng	94
22) Acetophenone	8.664	105	87481	8.905	ng	# 93
24) Nitrobenzene	9.034	77	74834	8.210	ng	95
25) Isophorone	9.557	82	133488	9.155	ng	97
26) 2-Nitrophenol	9.751	139	26933	8.035	ng	# 87
27) 2,4-Dimethylphenol	9.809	122	37486	9.096	ng	90
28) bis(2-Chloroethoxy)met...	10.039	93	66153	8.653	ng	# 96
29) 2,4-Dichlorophenol	10.285	162	52539	8.441	ng	94
30) 1,2,4-Trichlorobenzene	10.497	180	63589	8.306	ng	85
31) Naphthalene	10.679	128	169742	8.777	ng	97
33) 4-Chloroaniline	10.791	127	61912	9.486	ng	95
34) Hexachlorobutadiene	10.967	225	49361	7.834	ng	93
35) Caprolactam	11.531	113	16740	8.421	ng	# 83
36) 4-Chloro-3-methylphenol	11.919	107	58717	8.188	ng	# 94
37) 2-Methylnaphthalene	12.295	142	114477	8.345	ng	93
38) 1-Methylnaphthalene	12.512	142	109046	8.075	ng	87
40) 1,2,4,5-Tetrachloroben...	12.665	216	90485	9.139	ng	93
41) Hexachlorocyclopentadiene	12.641	237	28551	8.875	ng	85
43) 2,4,6-Trichlorophenol	12.906	196	48294	8.148	ng	93
44) 2,4,5-Trichlorophenol	12.976	196	51249	7.863	ng	95

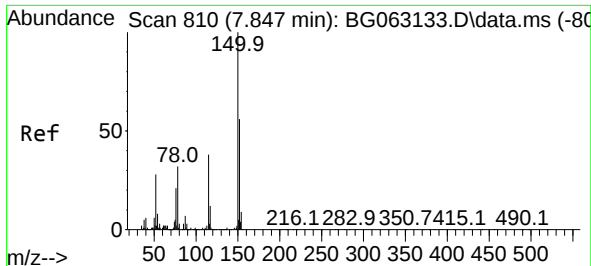
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.305	154	166866	8.923	ng	96
47) 2-Chloronaphthalene	13.346	162	136437	8.712	ng	99
48) 2-Nitroaniline	13.552	65	46144	8.395	ng #	80
49) Acenaphthylene	14.198	152	215714	9.757	ng	98
50) Dimethylphthalate	13.928	163	176438	8.985	ng #	92
51) 2,6-Dinitrotoluene	14.046	165	35411	8.446	ng	92
52) Acenaphthene	14.539	154	121806	8.899	ng	96
53) 3-Nitroaniline	14.381	138	36663	9.211	ng	87
54) 2,4-Dinitrophenol	14.604	184	7693	3.009	ng #	82
55) Dibenzofuran	14.874	168	222908	9.236	ng	97
56) 4-Nitrophenol	14.704	139	24411	8.100	ng #	61
57) 2,4-Dinitrotoluene	14.845	165	50096	8.354	ng #	92
58) Fluorene	15.526	166	163374	8.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	46964	7.509	ng #	90
60) Diethylphthalate	15.297	149	184310	9.141	ng	94
61) 4-Chlorophenyl-phenyle...	15.520	204	104816	8.817	ng #	86
62) 4-Nitroaniline	15.544	138	40050	9.120	ng #	78
63) Azobenzene	15.814	77	186073	8.922	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	28993	6.501	ng	99
66) n-Nitrosodiphenylamine	15.732	169	155470	8.984	ng	96
67) 4-Bromophenyl-phenylether	16.413	248	75037	8.827	ng	91
68) Hexachlorobenzene	16.537	284	83006	8.429	ng	95
69) Atrazine	16.684	200	65227	8.200	ng	93
70) Pentachlorophenol	16.884	266	22145	4.520	ng	93
71) Phenanthrene	17.265	178	312459	9.292	ng	98
72) Anthracene	17.359	178	314776	9.538	ng	96
73) Carbazole	17.630	167	285181	9.179	ng	98
74) Di-n-butylphthalate	18.194	149	311029	8.817	ng	98
75) Fluoranthene	19.287	202	440180	9.248	ng	97
77) Benzidine	19.857	184	75450	5.687	ng	98
78) Pyrene	19.651	202	453018	8.876	ng	97
80) Butylbenzylphthalate	20.544	149	131075	7.970	ng #	91
81) Benzo(a)anthracene	21.455	228	487567	8.992	ng	94
82) 3,3'-Dichlorobenzidine	21.378	252	187488	9.326	ng	100
83) Chrysene	21.519	228	460440	9.040	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	200037	8.385	ng	99
85) Di-n-octyl phthalate	22.518	149	337299	8.450	ng	98
87) Indeno(1,2,3-cd)pyrene	27.912	276	571131	8.784	ng #	97
88) Benzo(b)fluoranthene	23.546	252	462135	8.182	ng	96
89) Benzo(k)fluoranthene	23.611	252	495962	9.204	ng	99
90) Benzo(a)pyrene	24.363	252	446146	9.050	ng	96
91) Dibenzo(a,h)anthracene	27.971	278	478221	8.811	ng	96
92) Benzo(g,h,i)perylene	28.981	276	439884	8.200	ng #	95

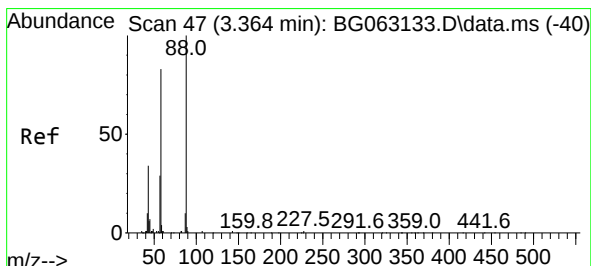
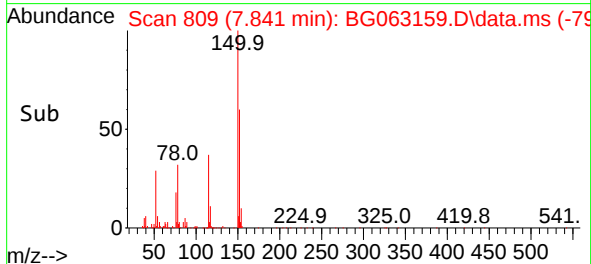
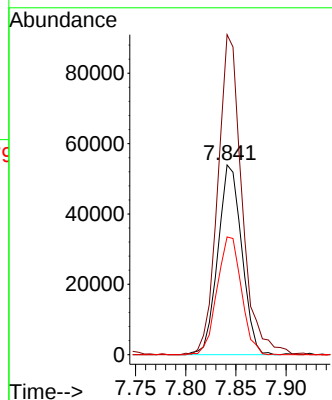
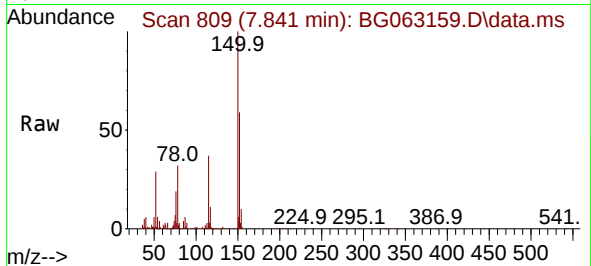
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG063159.D
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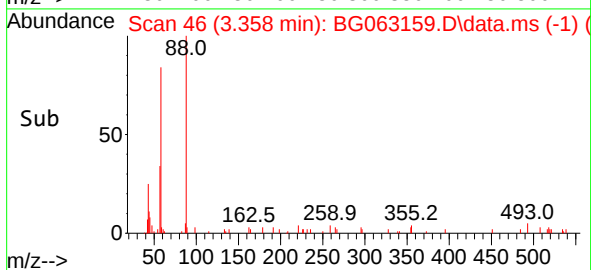
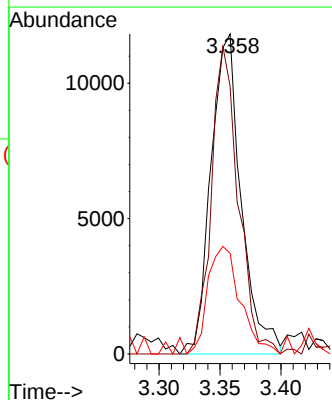
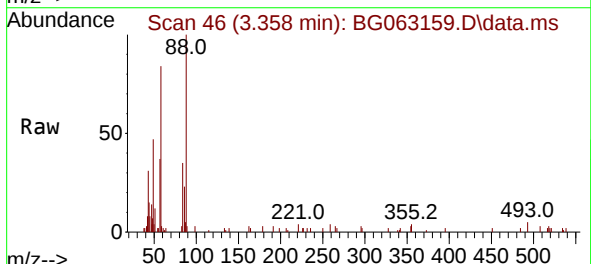
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BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

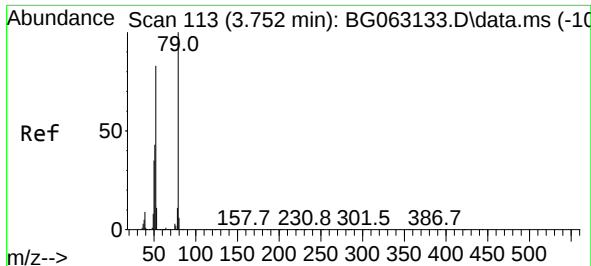
Tgt Ion:152 Resp: 89178
Ion Ratio Lower Upper
152 100
150 168.7 143.1 214.7
115 62.1 55.0 82.4



#2
1,4-Dioxane
Concen: 9.036 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 88 Resp: 20419
Ion Ratio Lower Upper
88 100
58 86.5 73.8 110.6
43 35.9 32.0 48.0

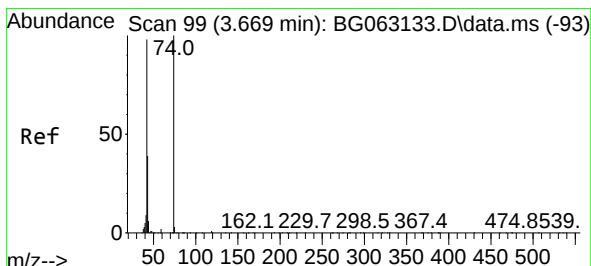
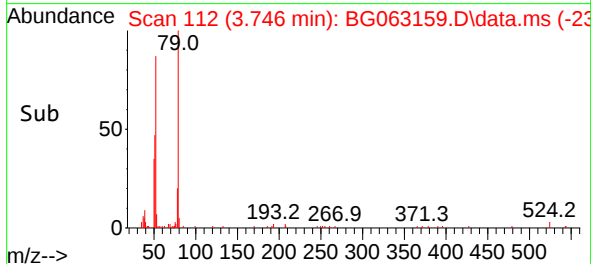
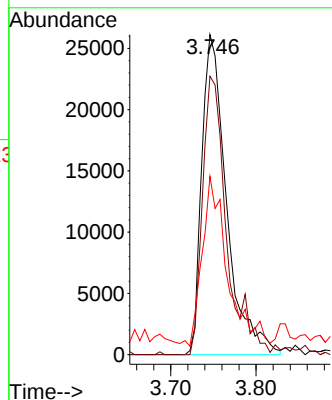
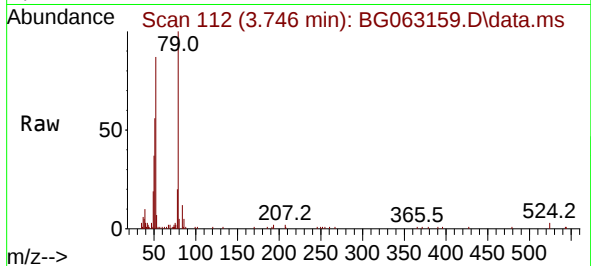




#3
 Pyridine
 Concen: 9.687 ng
 RT: 3.746 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG063159.D
 Acq: 4 Nov 2024 17:33

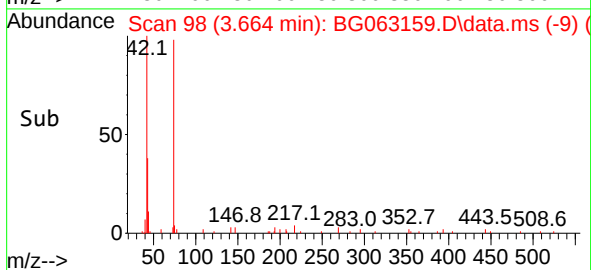
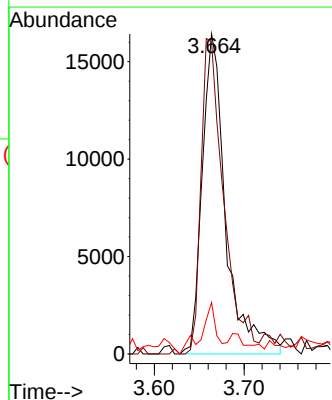
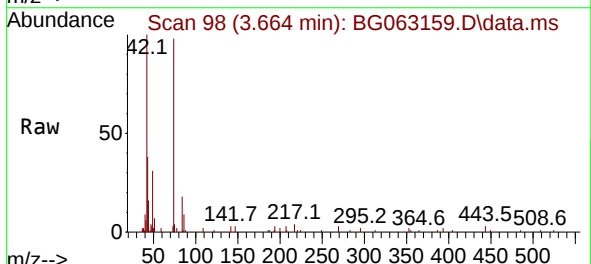
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

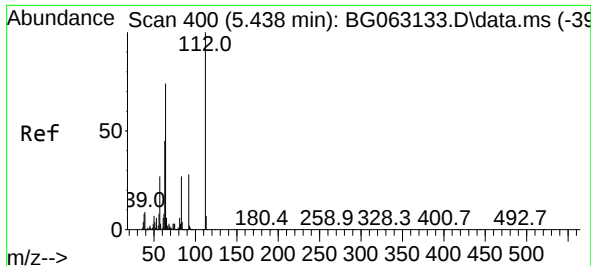
Tgt Ion: 79 Resp: 52843
 Ion Ratio Lower Upper
 79 100
 52 87.0 66.1 99.1
 51 55.7 36.6 54.8#



#4
 n-Nitrosodimethylamine
 Concen: 8.851 ng
 RT: 3.664 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BG063159.D
 Acq: 4 Nov 2024 17:33

Tgt Ion: 42 Resp: 29993
 Ion Ratio Lower Upper
 42 100
 74 97.5 81.9 122.9
 44 16.1 5.8 8.8#

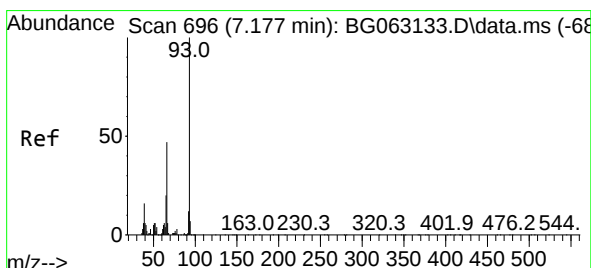
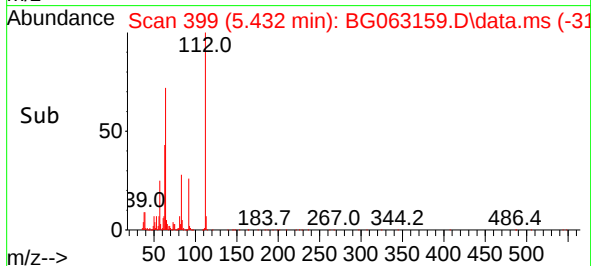
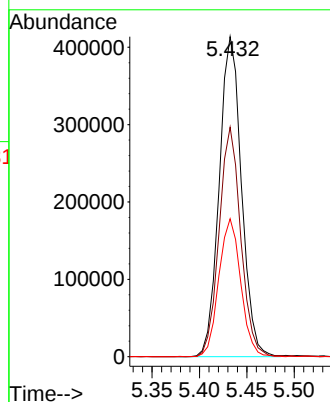
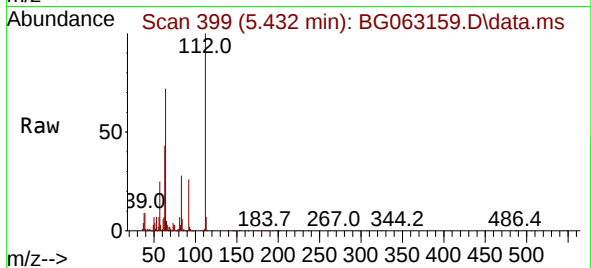




#5
2-Fluorophenol
Concen: 117.458 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

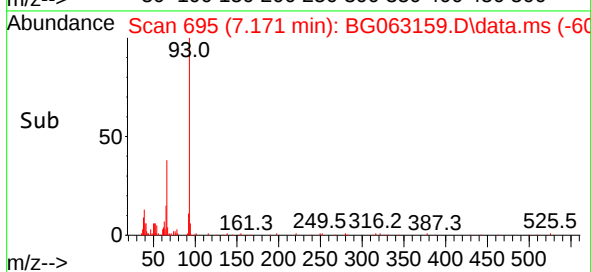
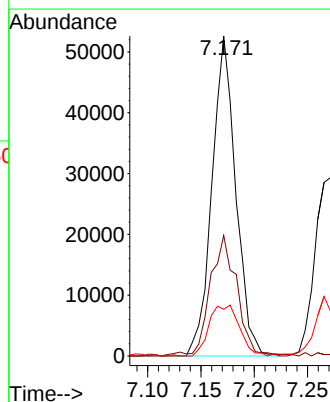
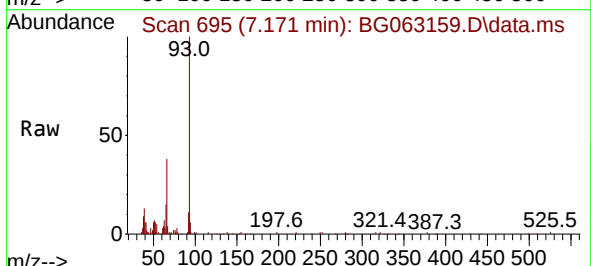
Instrument :
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ClientSampleId :
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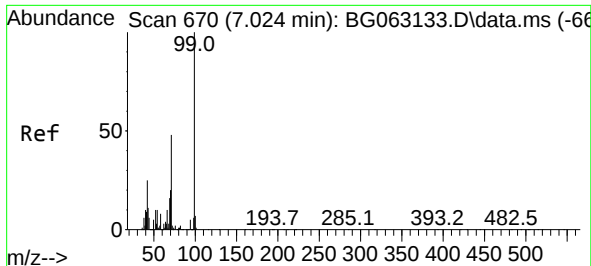
Tgt Ion:112 Resp: 675509
Ion Ratio Lower Upper
112 100
64 71.7 59.4 89.0
63 43.1 35.8 53.6



#6
Aniline
Concen: 12.053 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 93 Resp: 81688
Ion Ratio Lower Upper
93 100
66 37.7 37.8 56.8#
65 14.6 16.1 24.1#

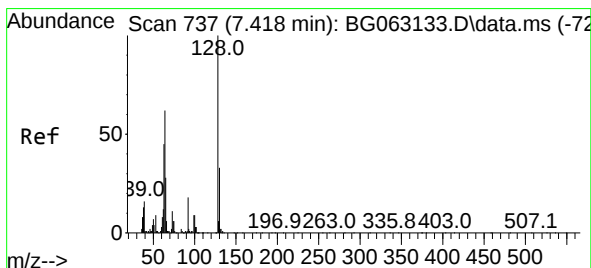
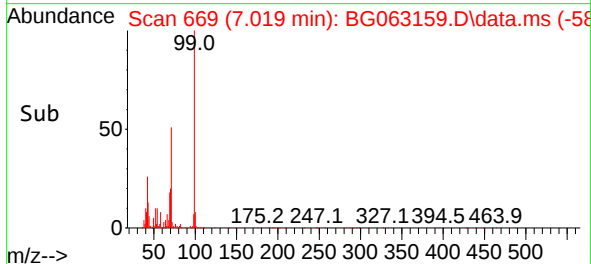
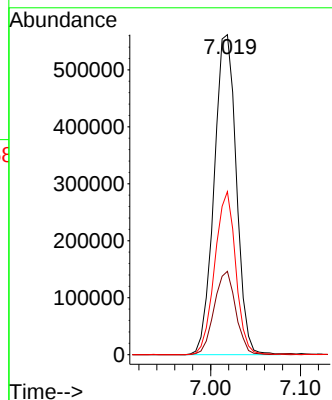
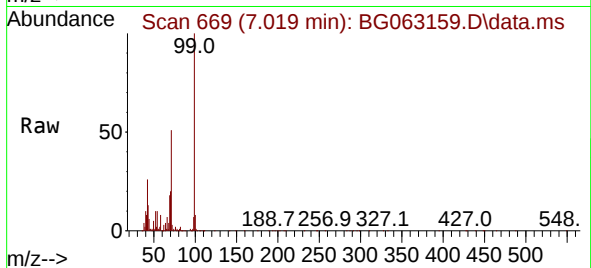




#7
Phenol-d6
Concen: 128.111 ng
RT: 7.019 min Scan# 609
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

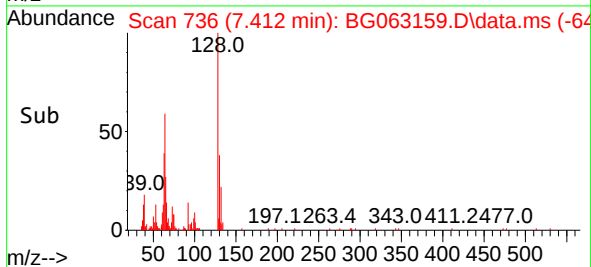
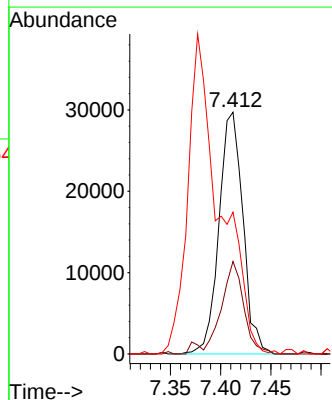
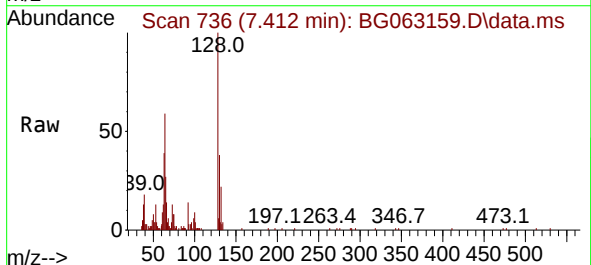
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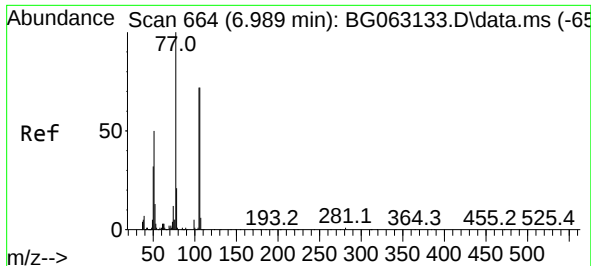
Tgt Ion: 99 Resp: 965499
Ion Ratio Lower Upper
99 100
42 26.0 20.0 30.0
71 50.9 38.2 57.4



#8
2-Chlorophenol
Concen: 9.241 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 128 Resp: 49356
Ion Ratio Lower Upper
128 100
130 38.3 13.3 53.3
64 58.6 41.8 81.8

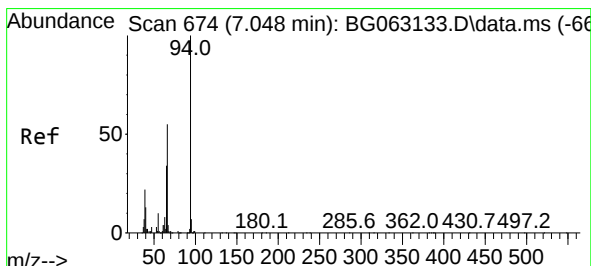
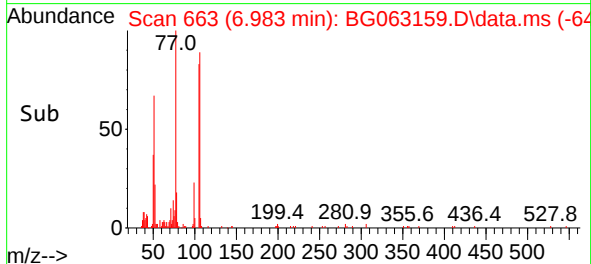
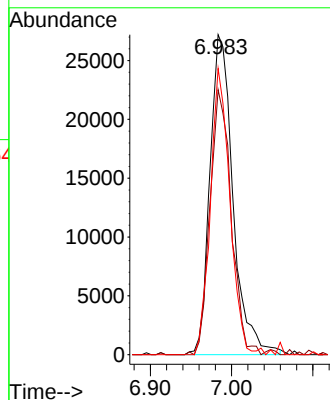
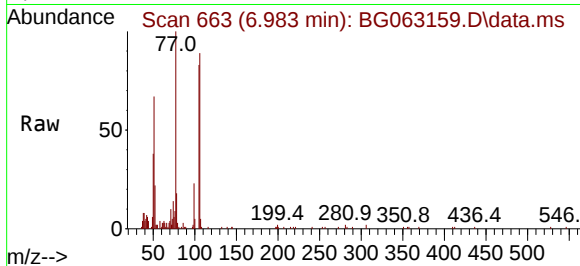




#9
Benzaldehyde
Concen: 11.475 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

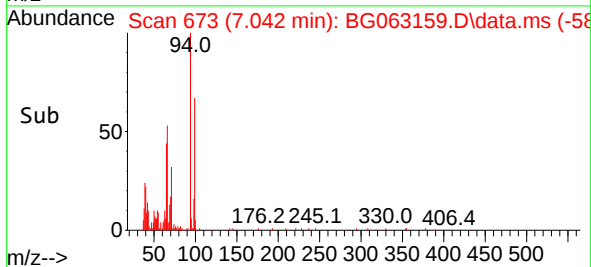
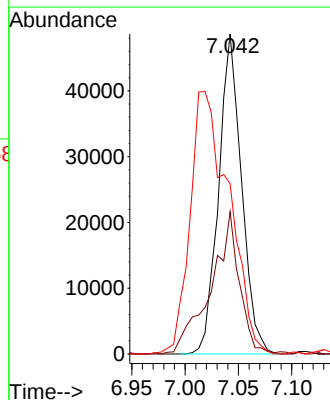
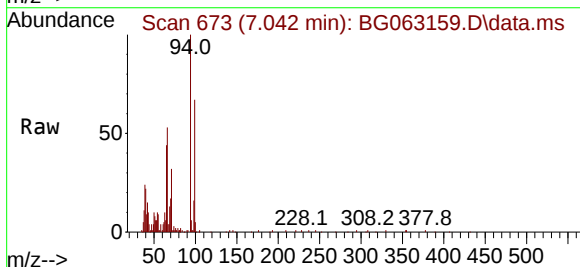
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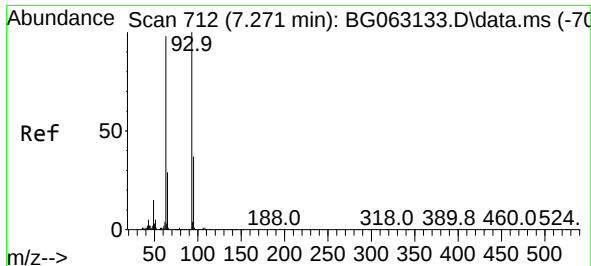
Tgt Ion: 77 Resp: 53738
Ion Ratio Lower Upper
77 100
105 82.8 52.2 92.2
106 89.4 52.2 92.2



#10
Phenol
Concen: 9.018 ng
RT: 7.042 min Scan# 673
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 94 Resp: 72810
Ion Ratio Lower Upper
94 100
65 44.5 14.2 54.2
66 53.2 36.2 76.2

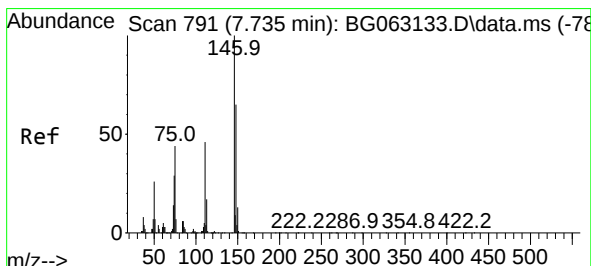
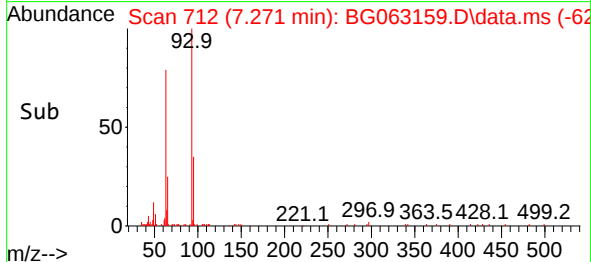
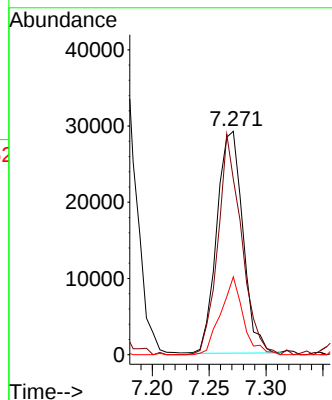
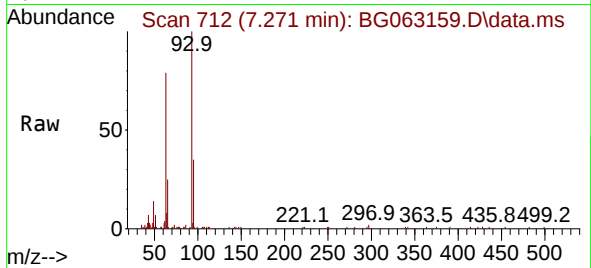




#11
bis(2-Chloroethyl)ether
Concen: 8.548 ng
RT: 7.271 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

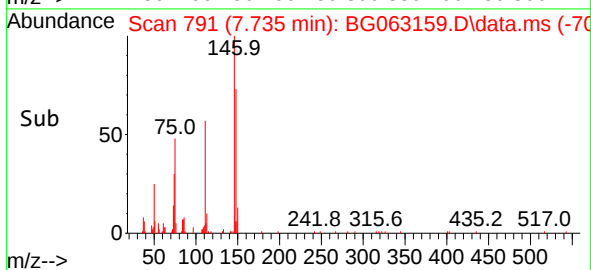
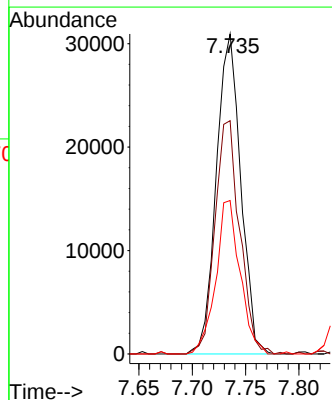
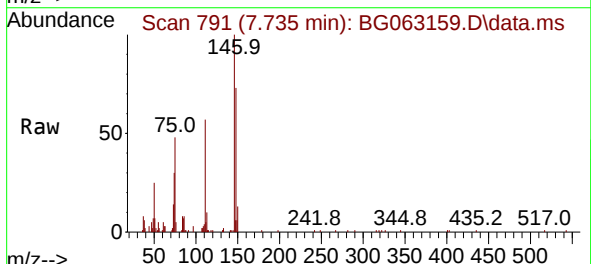
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

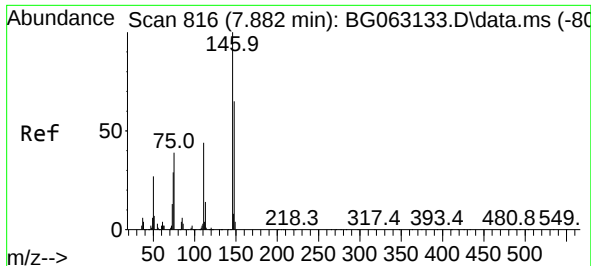
Tgt Ion: 93 Resp: 46549
Ion Ratio Lower Upper
93 100
63 78.6 77.5 117.5
95 34.8 16.5 56.5



#12
1,3-Dichlorobenzene
Concen: 7.605 ng
RT: 7.735 min Scan# 791
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:146 Resp: 49279
Ion Ratio Lower Upper
146 100
148 72.9 51.7 77.5
75 48.0 35.7 53.5

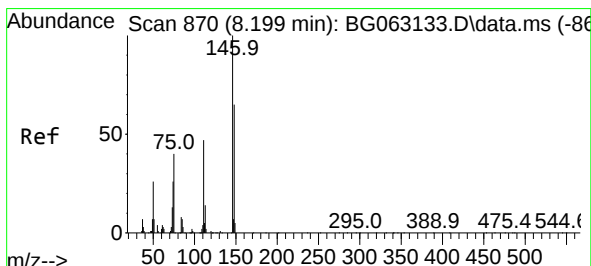
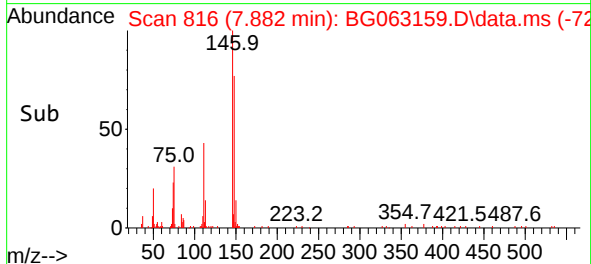
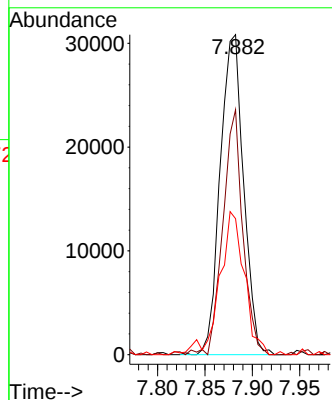
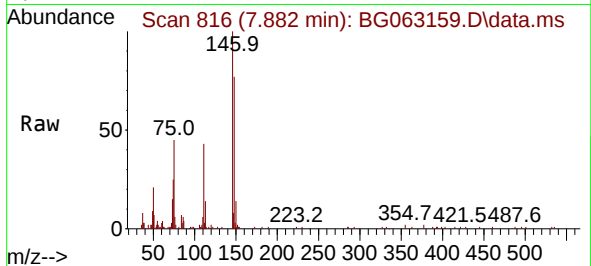




#13
1,4-Dichlorobenzene
Concen: 7.993 ng
RT: 7.882 min Scan# 816
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

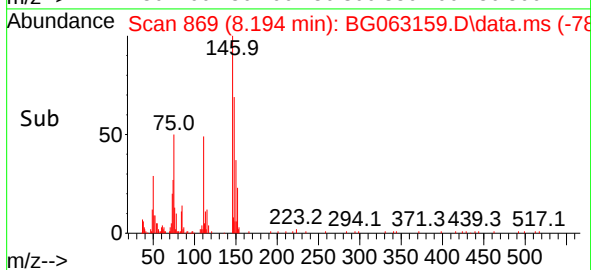
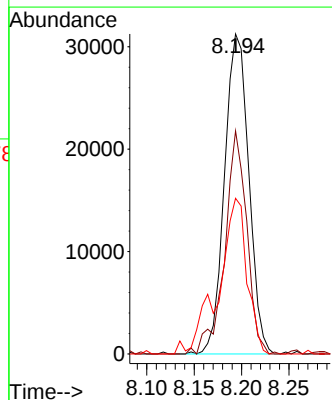
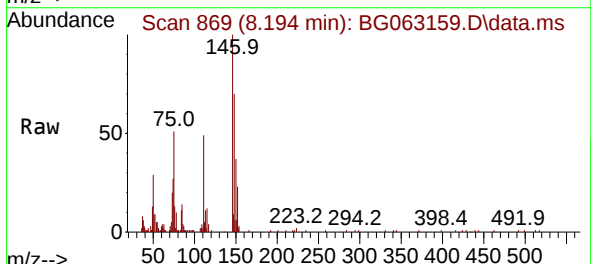
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

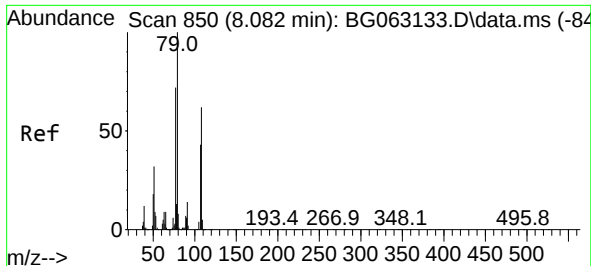
Tgt Ion:146 Resp: 52803
Ion Ratio Lower Upper
146 100
148 76.6 52.3 78.5
111 42.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 8.733 ng
RT: 8.194 min Scan# 869
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:146 Resp: 55604
Ion Ratio Lower Upper
146 100
148 69.7 52.3 78.5
111 48.7 38.5 57.7

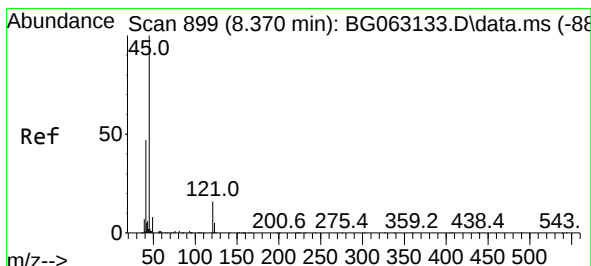
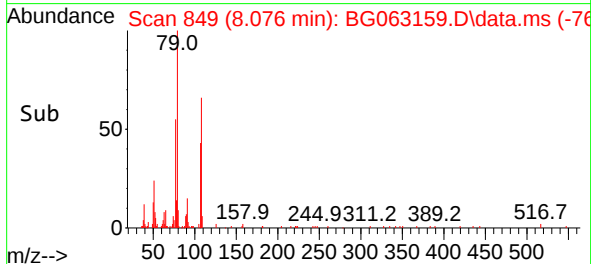
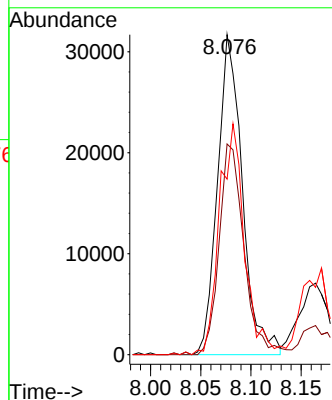
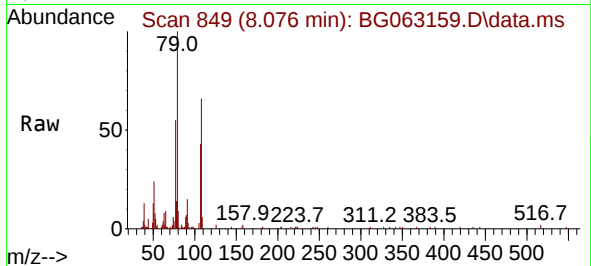




#15
Benzyl Alcohol
Concen: 8.985 ng
RT: 8.076 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

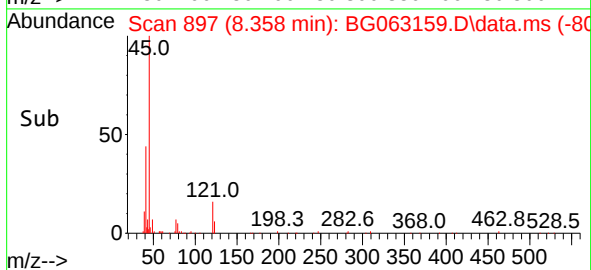
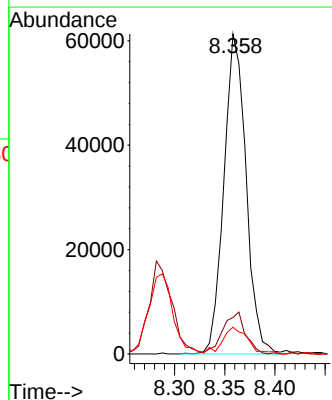
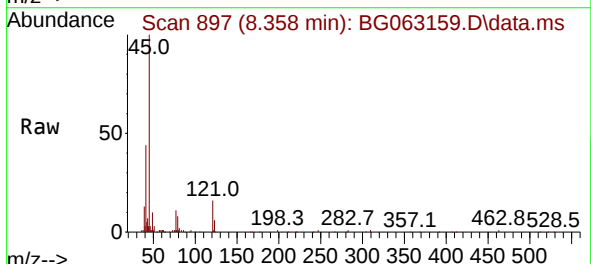
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

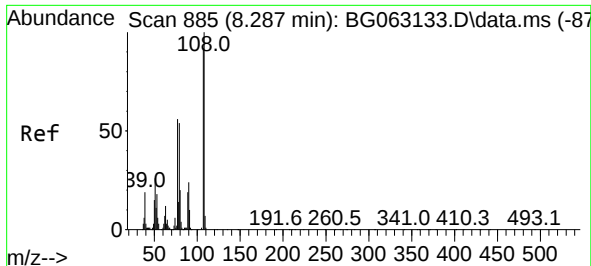
Tgt Ion: 79 Resp: 54408
Ion Ratio Lower Upper
79 100
108 65.8 49.5 74.3
77 54.9 57.6 86.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.519 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.011 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 45 Resp: 94021
Ion Ratio Lower Upper
45 100
77 11.4 0.0 32.4
79 8.4 0.0 29.7

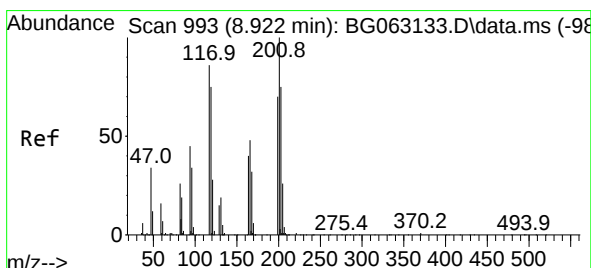
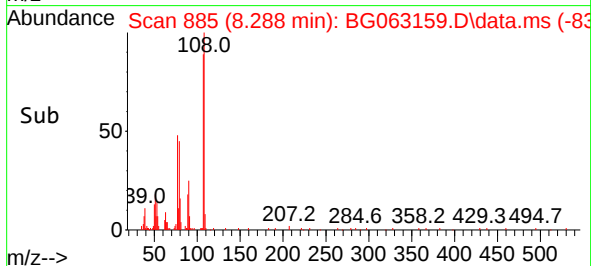
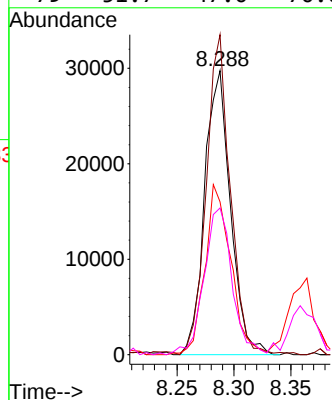
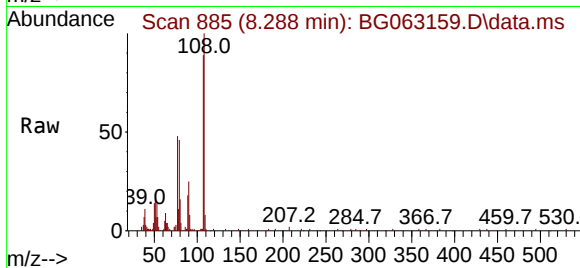




#17
2-Methylphenol
Concen: 9.164 ng
RT: 8.288 min Scan# 885
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

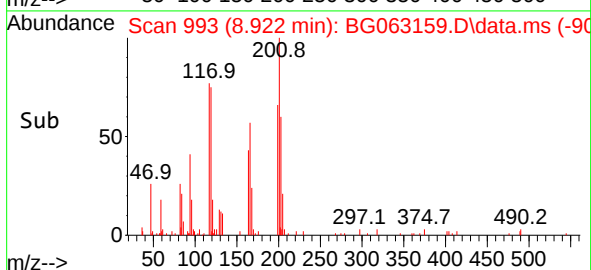
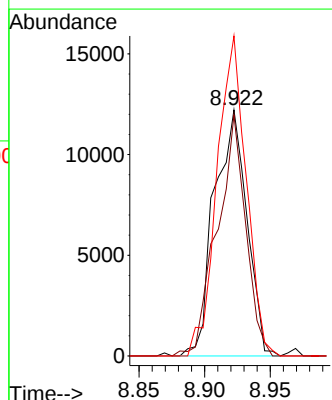
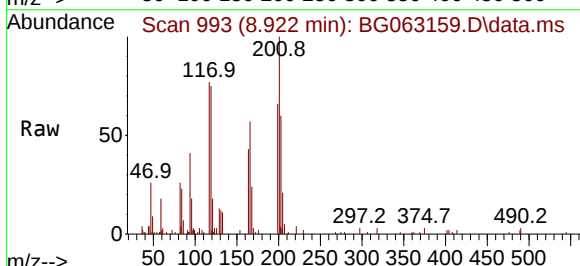
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

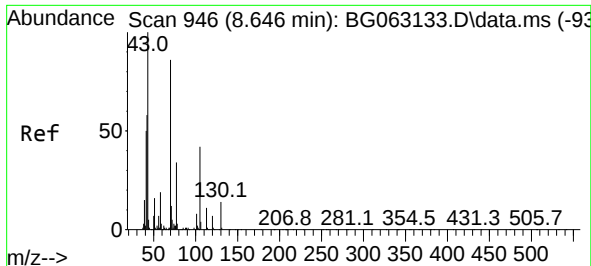
Tgt Ion:	107	Resp:	47068
Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.1	130.7
77	53.8	48.9	73.3
79	51.7	47.0	70.6



#18
Hexachloroethane
Concen: 8.903 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:	117	Resp:	21046
Ion	Ratio	Lower	Upper
117	100		
119	97.9	69.7	104.5
201	130.0	92.6	138.8

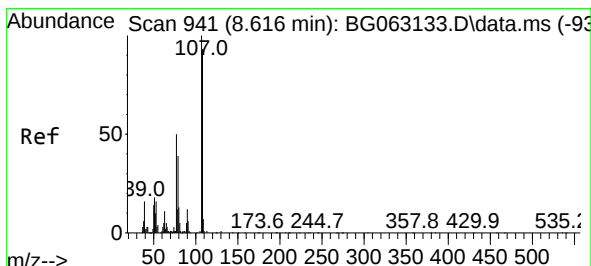
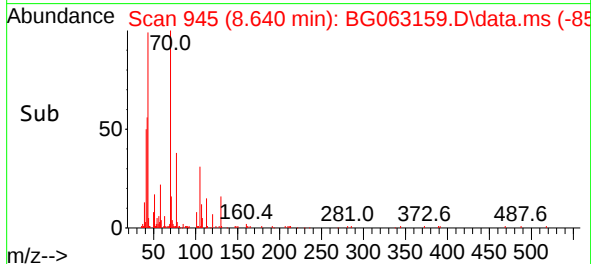
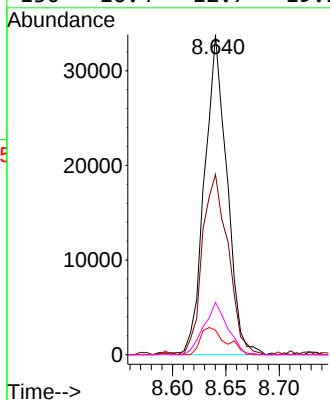
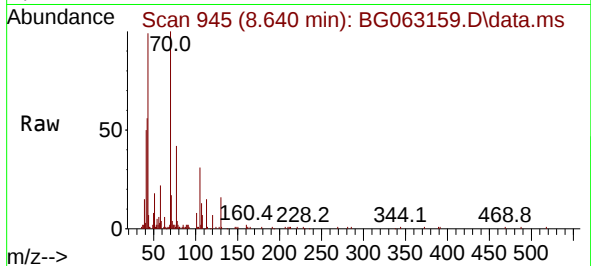




#19
n-Nitroso-di-n-propylamine
Concen: 9.431 ng
RT: 8.640 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

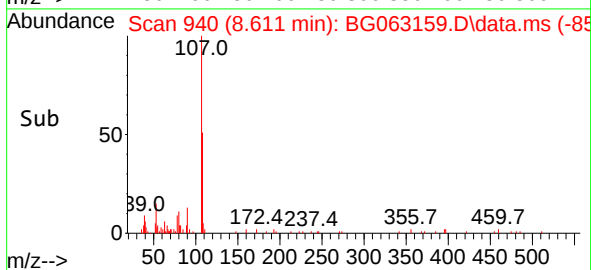
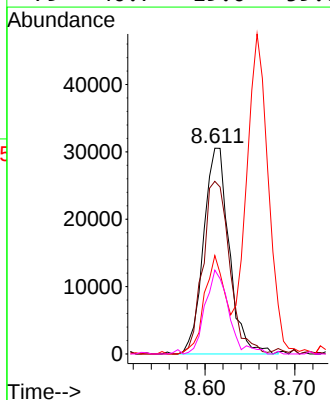
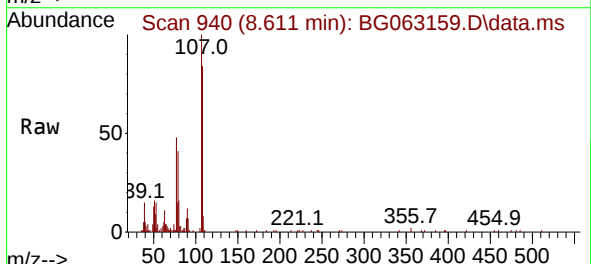
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

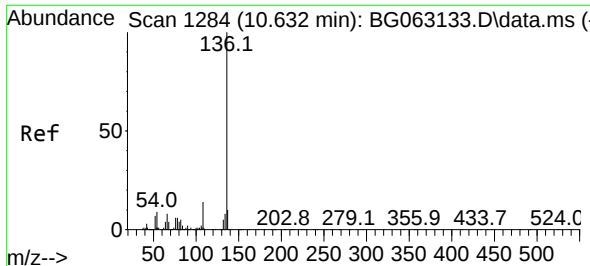
Tgt Ion:	70	Resp:	49497
Ion	Ratio	Lower	Upper
70	100		
42	56.4	54.2	81.2
101	7.6	7.7	11.5#
130	16.4	12.7	19.1



#20
3+4-Methylphenols
Concen: 8.849 ng
RT: 8.611 min Scan# 940
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:	107	Resp:	60614
Ion	Ratio	Lower	Upper
107	100		
108	83.9	73.1	113.1
77	47.8	30.2	70.2
79	40.7	19.0	59.0

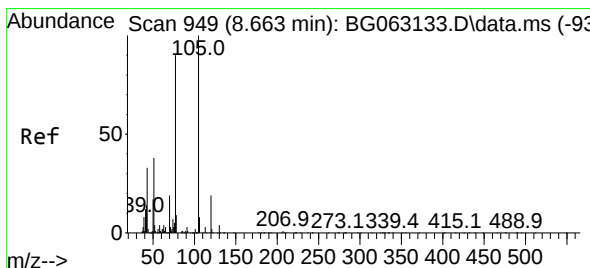
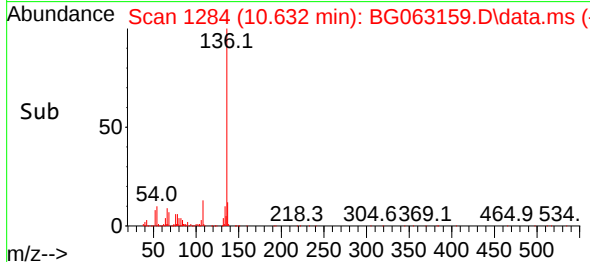
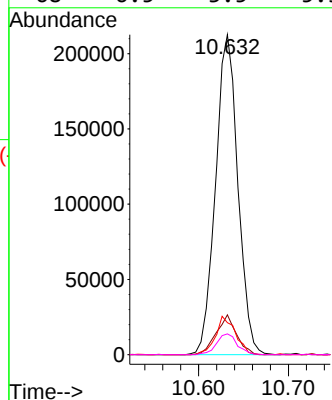
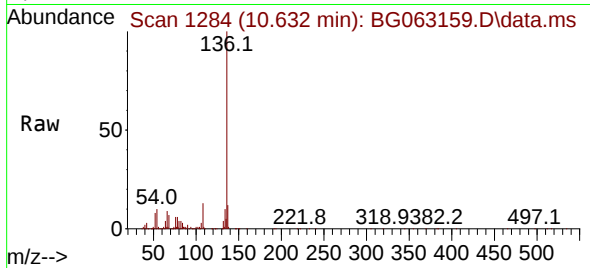




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

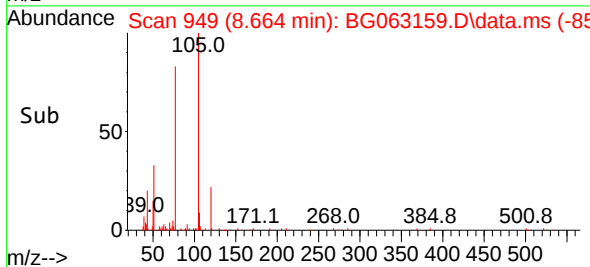
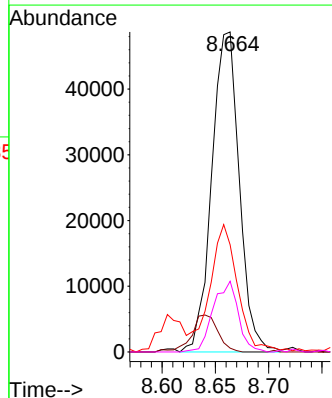
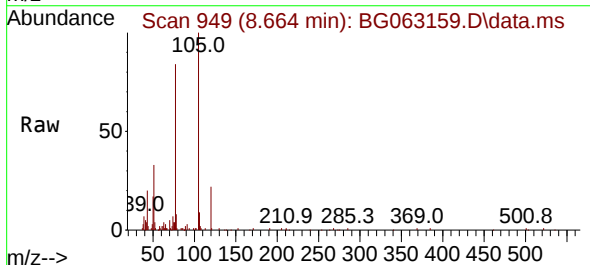
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

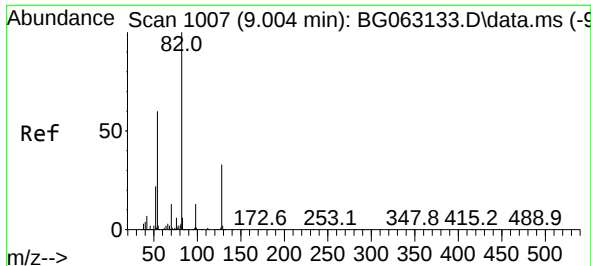
Tgt Ion:136 Resp: 366616
Ion Ratio Lower Upper
136 100
137 12.5 7.8 11.6#
54 10.0 7.3 10.9
68 6.5 3.5 5.3#



#22
Acetophenone
Concen: 8.905 ng
RT: 8.664 min Scan# 949
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:105 Resp: 87481
Ion Ratio Lower Upper
105 100
71 1.2 2.3 3.5#
51 33.5 30.5 45.7
120 22.1 15.4 23.2

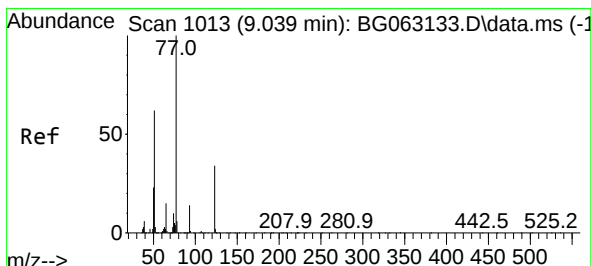
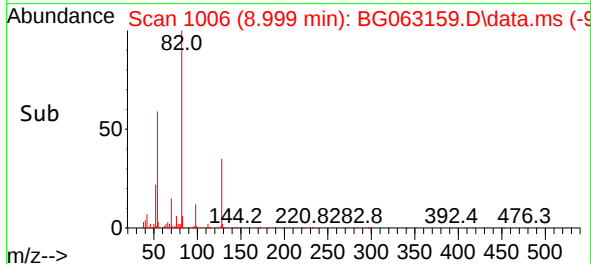
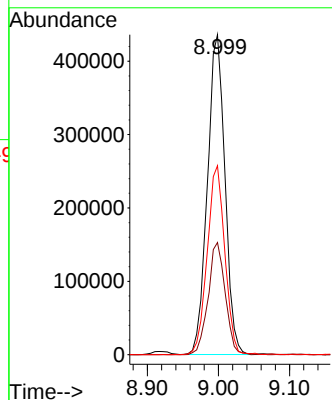
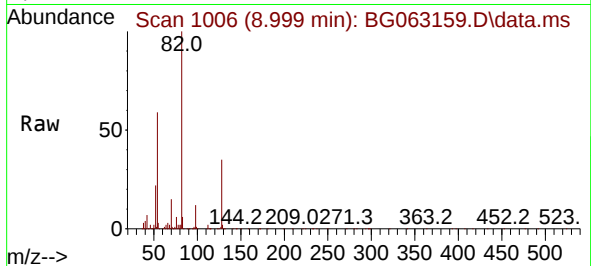




#23
Nitrobenzene-d5
Concen: 88.786 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

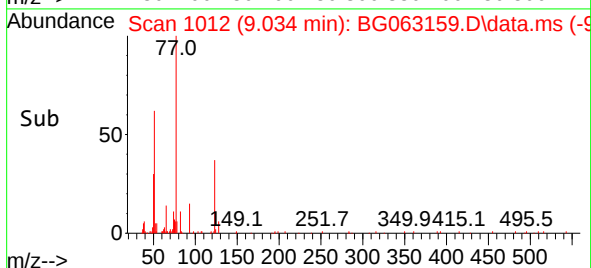
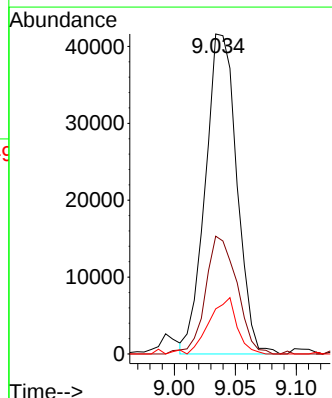
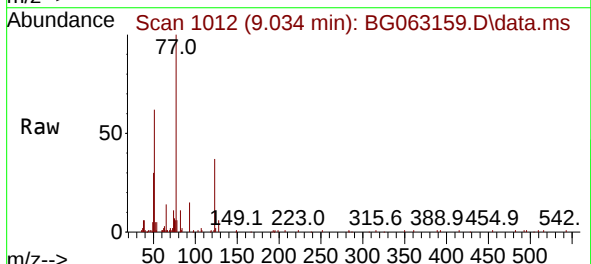
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

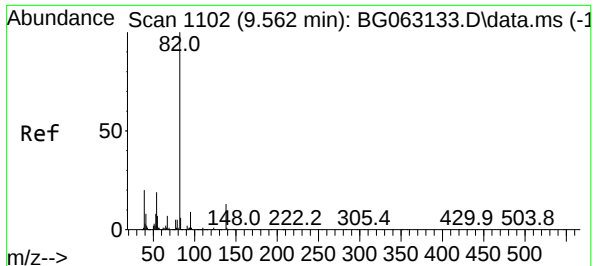
Tgt Ion: 82 Resp: 748409
Ion Ratio Lower Upper
82 100
128 35.0 26.6 39.8
54 59.0 47.8 71.8



#24
Nitrobenzene
Concen: 8.210 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 77 Resp: 74834
Ion Ratio Lower Upper
77 100
123 36.8 26.9 40.3
65 14.1 12.3 18.5





#25

Isophorone

Concen: 9.155 ng

RT: 9.557 min Scan# 1101

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

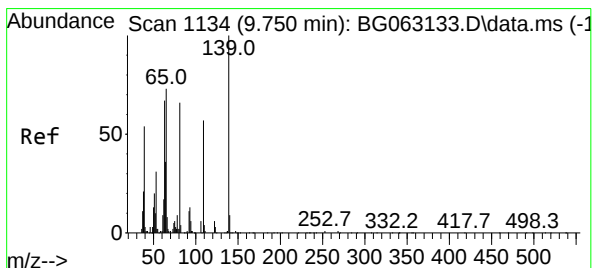
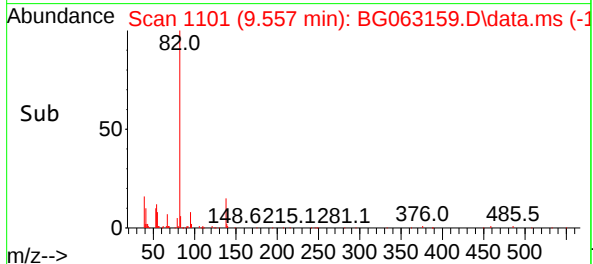
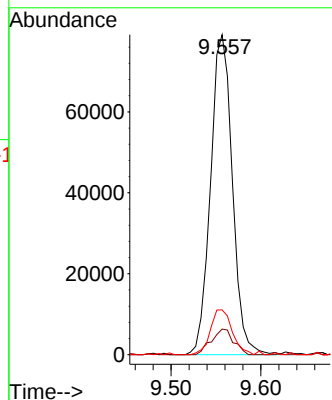
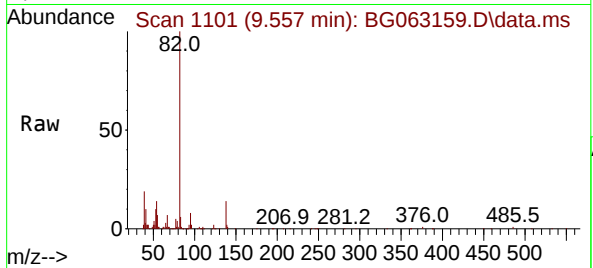
Tgt Ion: 82 Resp: 133488

Ion Ratio Lower Upper

82 100

95 8.0 7.4 11.0

138 14.0 10.3 15.5



#26

2-Nitrophenol

Concen: 8.035 ng

RT: 9.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

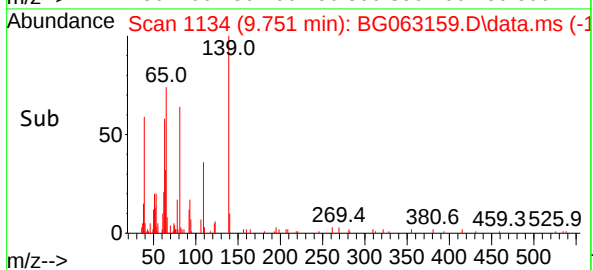
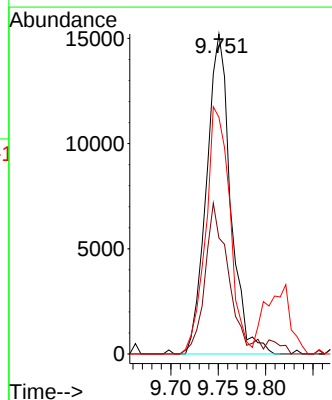
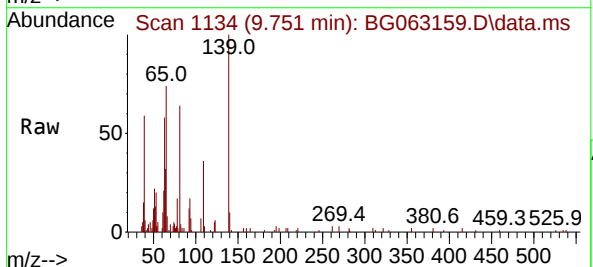
Tgt Ion:139 Resp: 26933

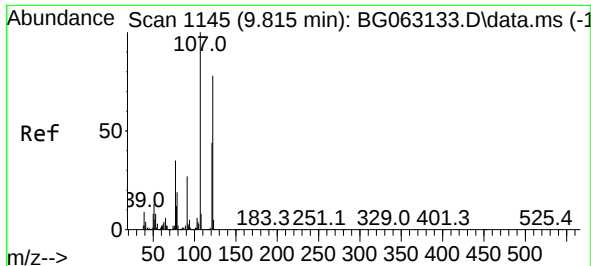
Ion Ratio Lower Upper

139 100

109 36.2 45.4 68.0#

65 73.9 58.4 87.6





#27

2,4-Dimethylphenol

Concen: 9.096 ng

RT: 9.809 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BG063159.D

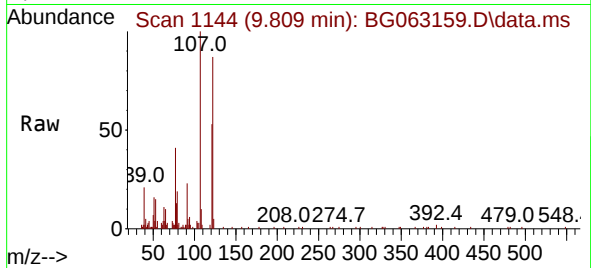
Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



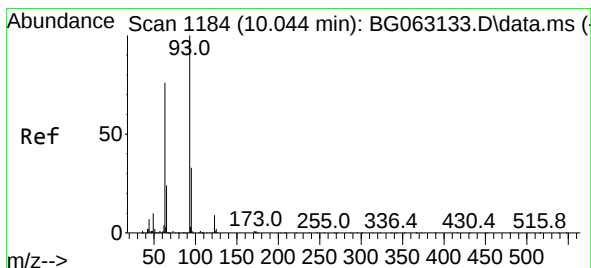
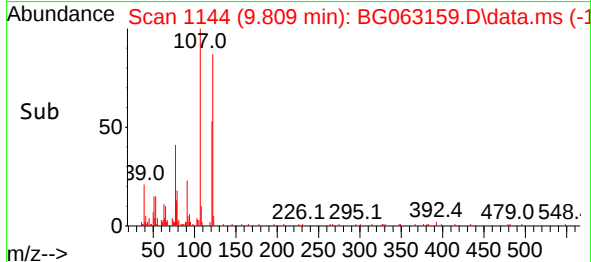
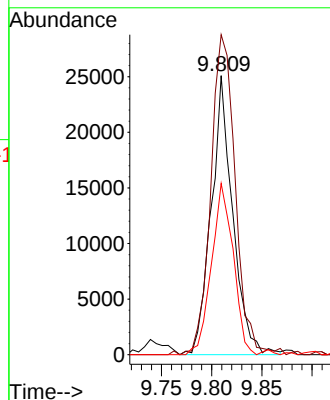
Tgt Ion:122 Resp: 37486

Ion Ratio Lower Upper

122 100

107 114.7 101.8 152.6

121 61.3 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 8.653 ng

RT: 10.039 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

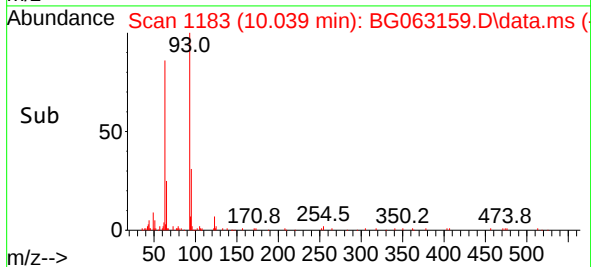
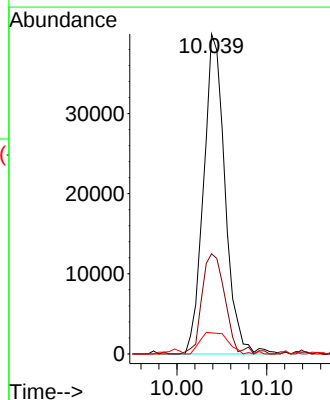
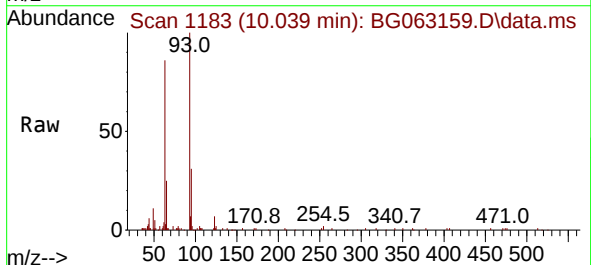
Tgt Ion: 93 Resp: 66153

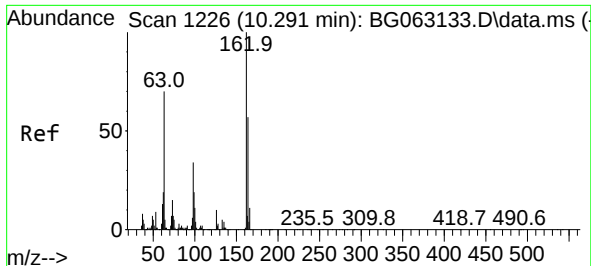
Ion Ratio Lower Upper

93 100

95 31.3 26.1 39.1

123 6.6 7.6 11.4#





#29

2,4-Dichlorophenol

Concen: 8.441 ng

RT: 10.285 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

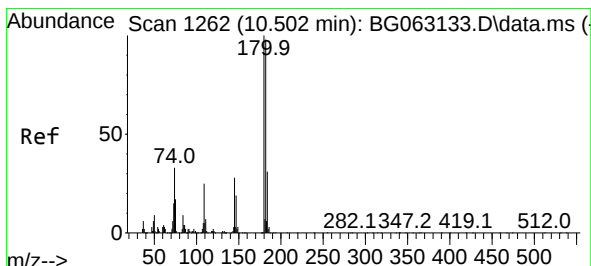
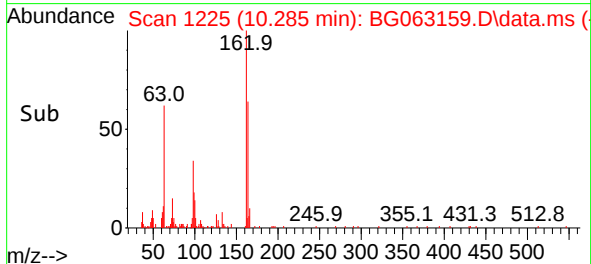
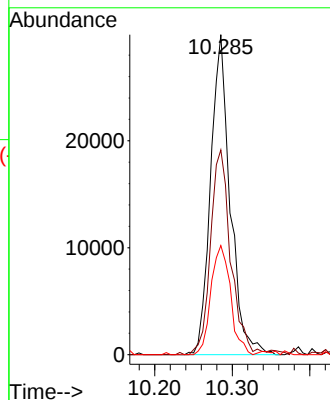
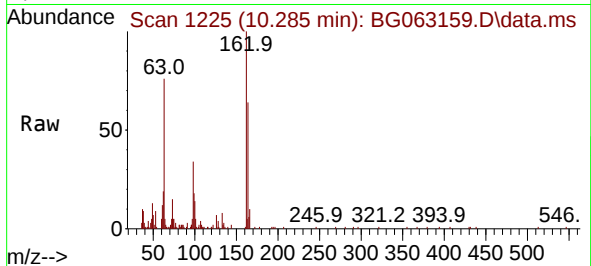
Tgt Ion:162 Resp: 52539

Ion Ratio Lower Upper

162 100

164 64.0 37.2 77.2

98 34.1 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 8.306 ng

RT: 10.497 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

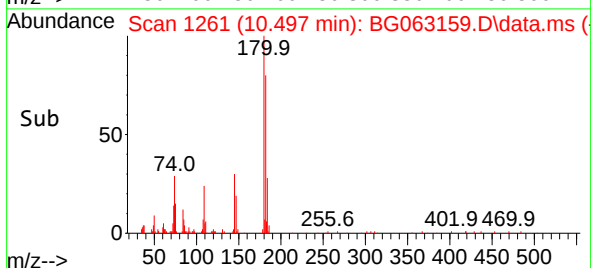
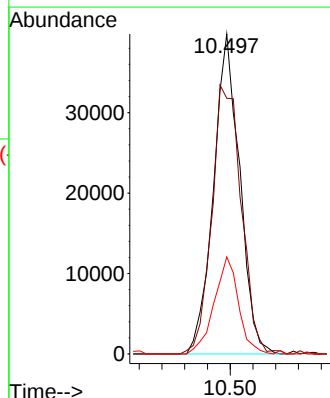
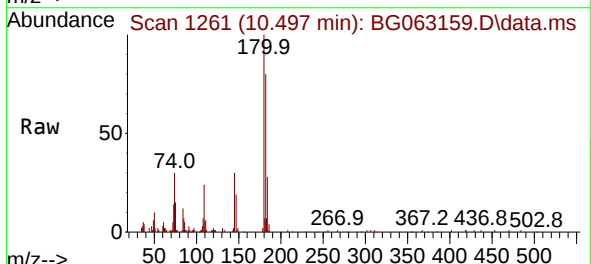
Tgt Ion:180 Resp: 63589

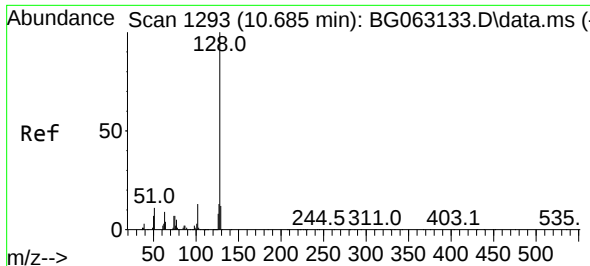
Ion Ratio Lower Upper

180 100

182 79.9 78.5 117.7

145 30.3 22.6 34.0

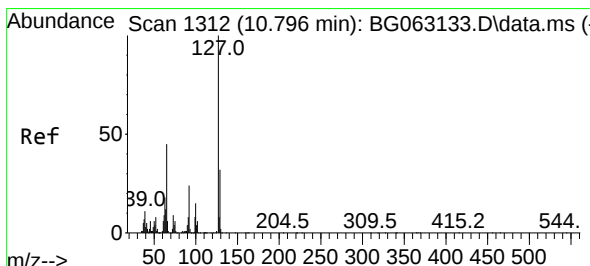
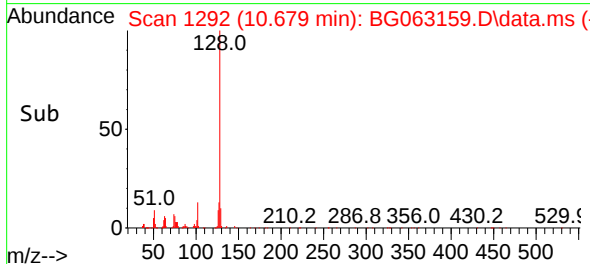
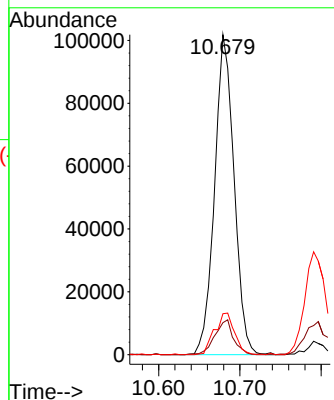
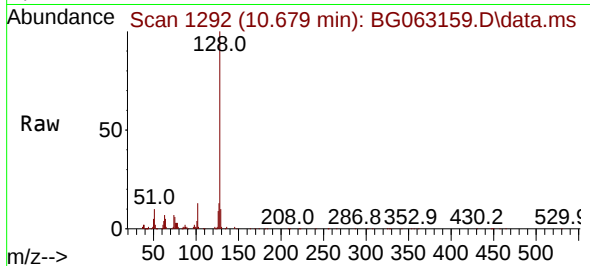




#31
Naphthalene
Concen: 8.777 ng
RT: 10.679 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

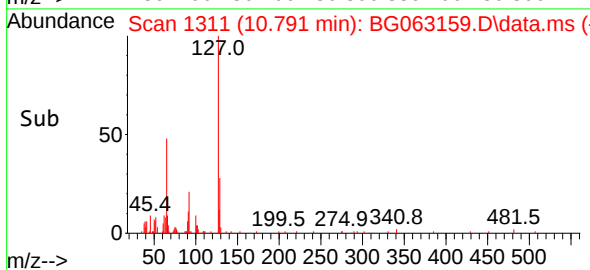
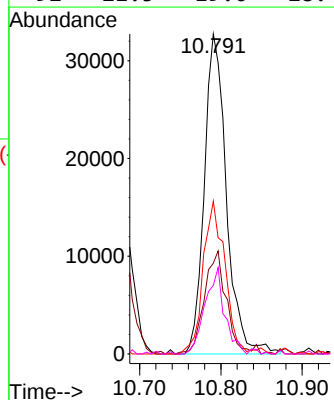
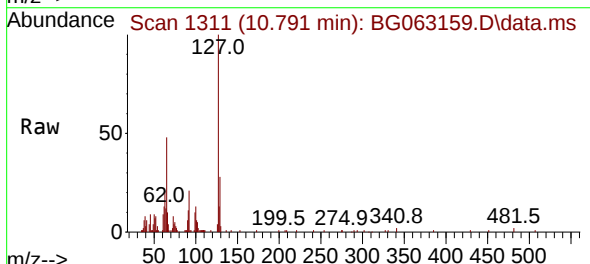
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

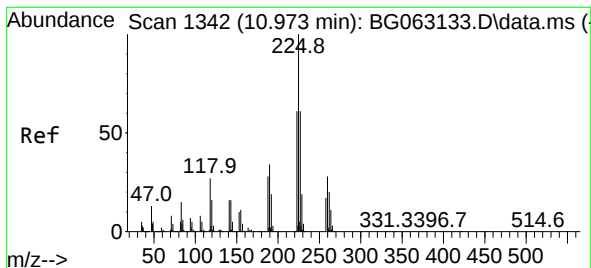
Tgt Ion:128 Resp: 169742
Ion Ratio Lower Upper
128 100
129 10.0 9.5 14.3
127 12.8 10.7 16.1



#33
4-Chloroaniline
Concen: 9.486 ng
RT: 10.791 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:127 Resp: 61912
Ion Ratio Lower Upper
127 100
129 28.4 25.6 38.4
65 47.7 36.4 54.6
92 21.5 19.0 28.4





#34

Hexachlorobutadiene

Concen: 7.834 ng

RT: 10.967 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

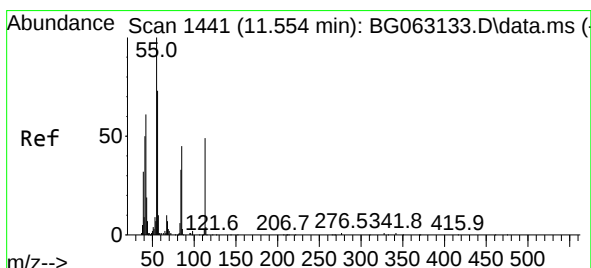
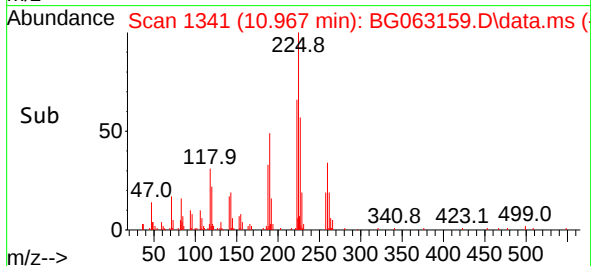
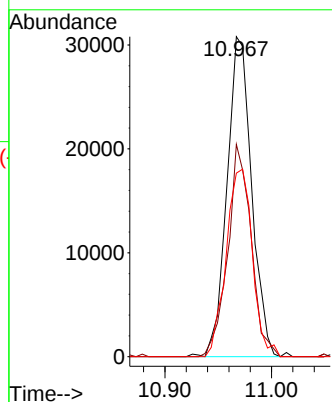
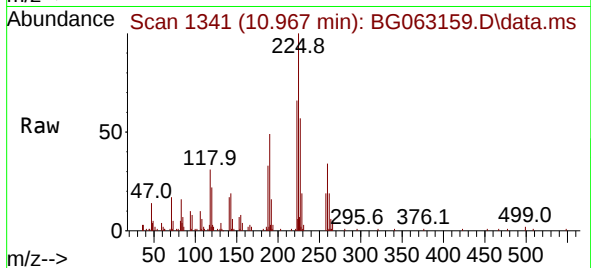
Tgt Ion:225 Resp: 49361

Ion Ratio Lower Upper

225 100

223 66.3 46.2 69.4

227 59.6 46.2 69.4



#35

Caprolactam

Concen: 8.421 ng

RT: 11.531 min Scan# 1437

Delta R.T. -0.023 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

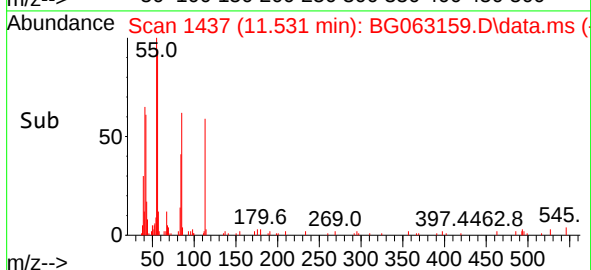
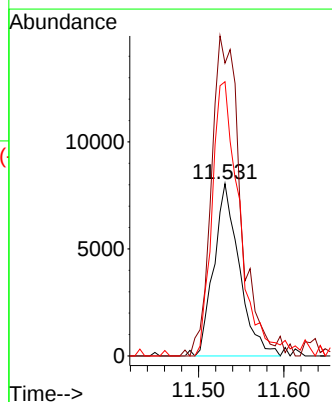
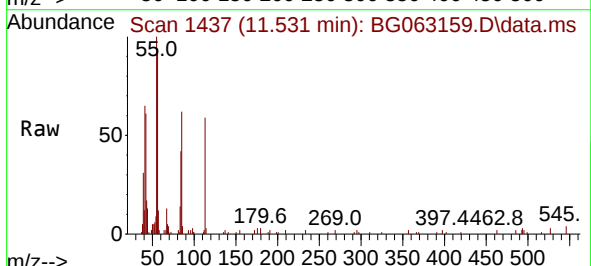
Tgt Ion:113 Resp: 16740

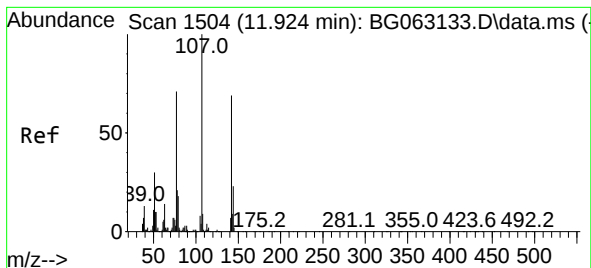
Ion Ratio Lower Upper

113 100

55 169.9 187.0 227.0#

56 159.1 130.9 170.9

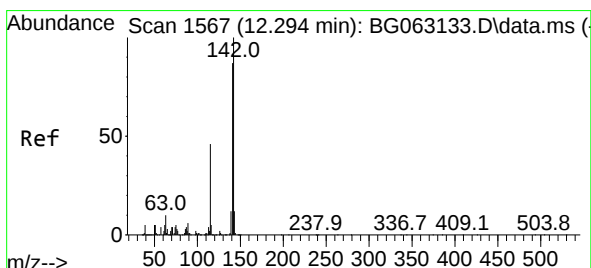
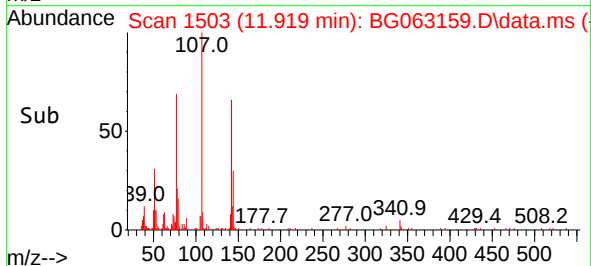
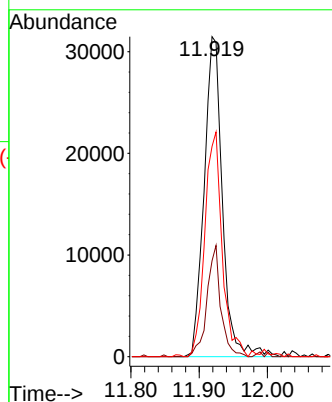
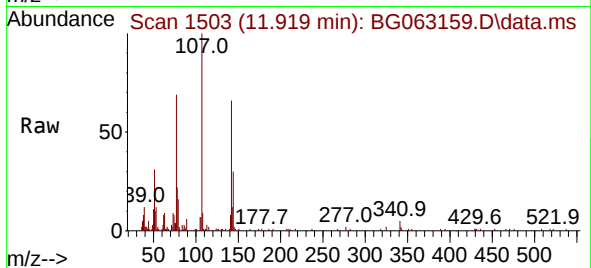




#36
4-Chloro-3-methylphenol
Concen: 8.188 ng
RT: 11.919 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

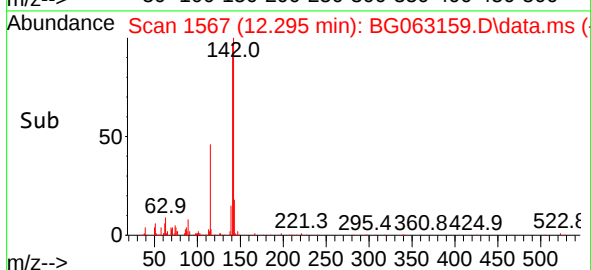
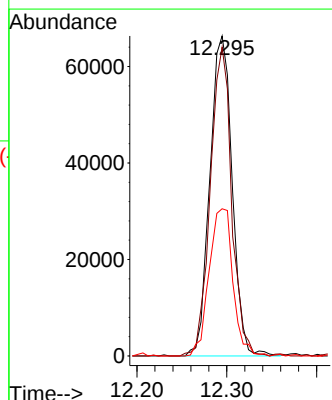
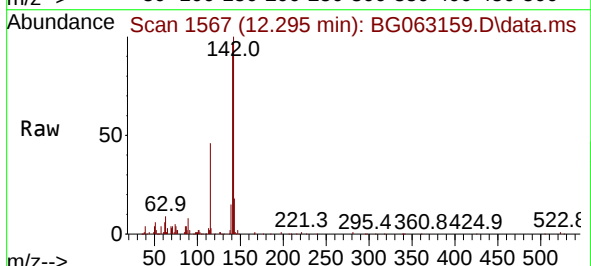
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

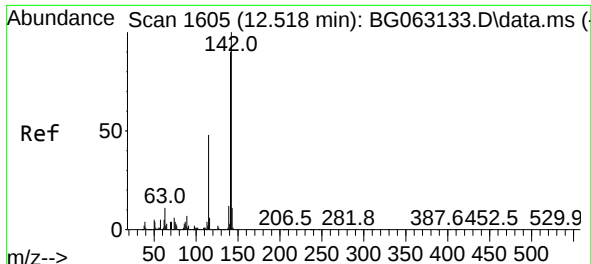
Tgt Ion:107 Resp: 58717
Ion Ratio Lower Upper
107 100
144 30.0 18.5 27.7#
142 65.7 55.0 82.4



#37
2-Methylnaphthalene
Concen: 8.345 ng
RT: 12.295 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:142 Resp: 114477
Ion Ratio Lower Upper
142 100
141 96.5 69.2 103.8
115 46.0 36.6 54.8

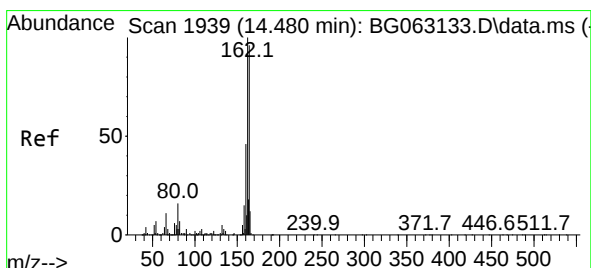
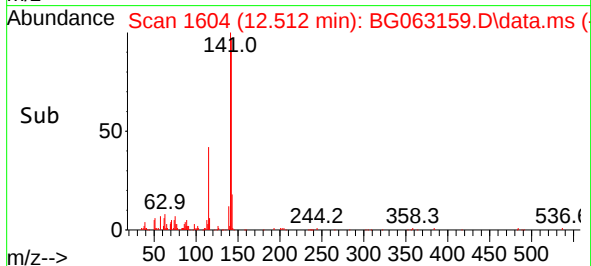
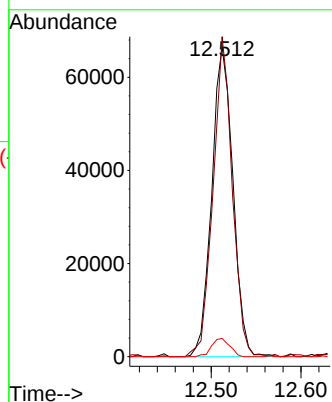
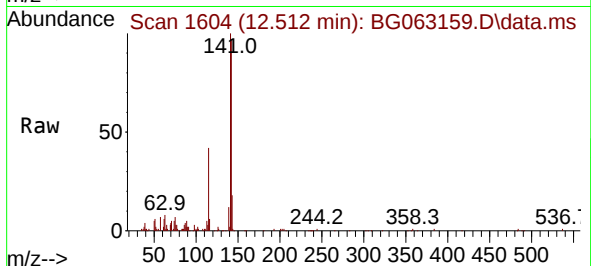




#38
1-Methylnaphthalene
Concen: 8.075 ng
RT: 12.512 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

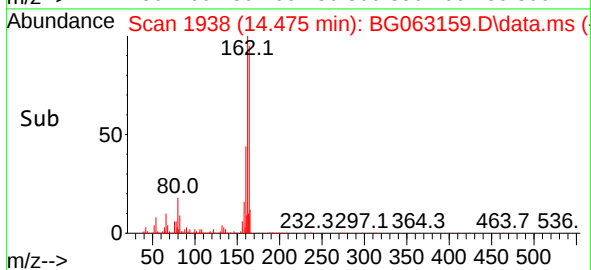
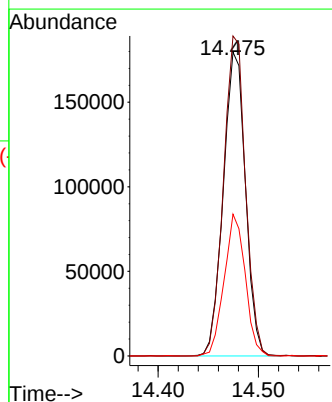
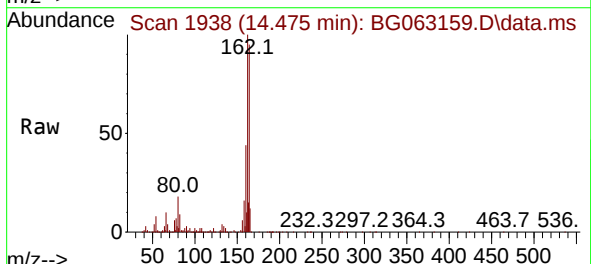
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

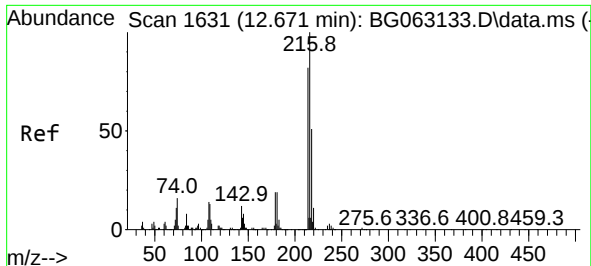
Tgt Ion:142 Resp: 109046
Ion Ratio Lower Upper
142 100
141 103.3 72.2 108.4
116 5.9 4.5 6.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:164 Resp: 275520
Ion Ratio Lower Upper
164 100
162 105.3 83.4 125.0
160 46.6 38.0 57.0

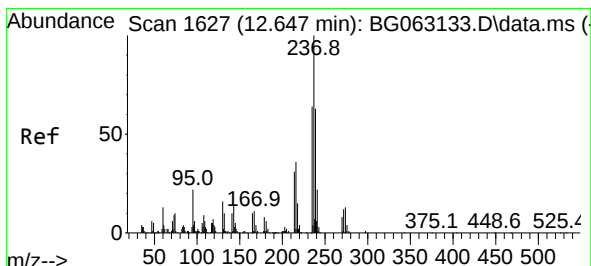
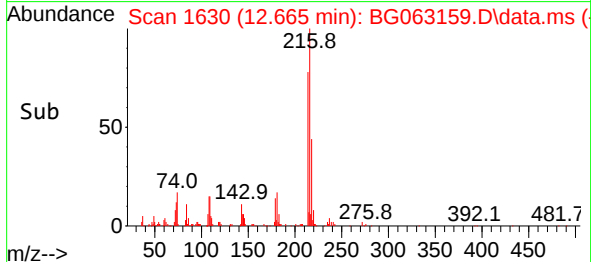
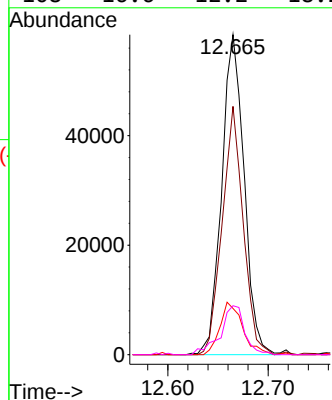
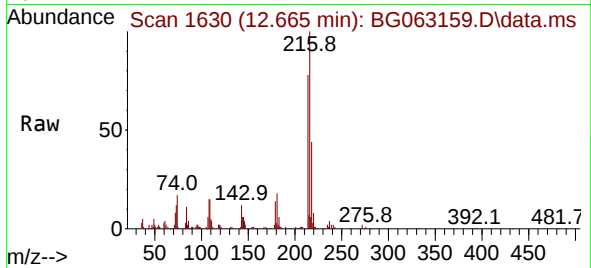




#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.139 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

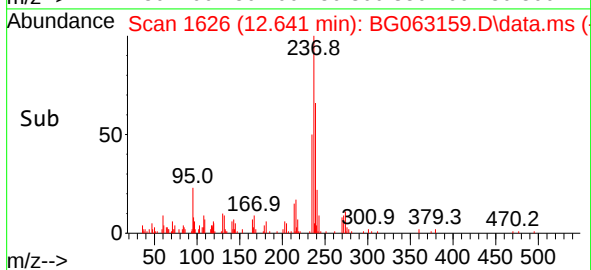
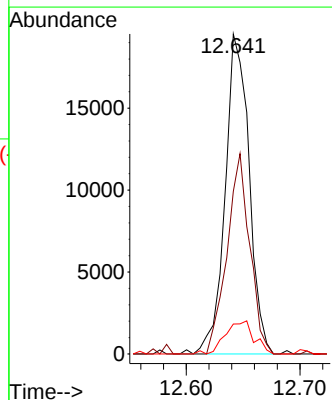
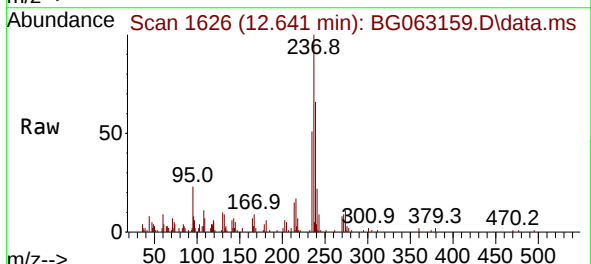
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

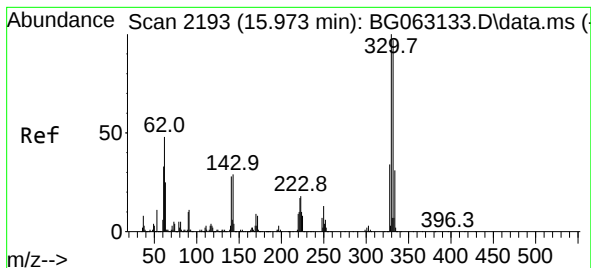
Tgt Ion:216 Resp: 90485
Ion Ratio Lower Upper
216 100
214 72.7 63.8 95.6
179 16.5 15.7 23.5
108 16.6 12.2 18.2



#41
Hexachlorocyclopentadiene
Concen: 8.875 ng
RT: 12.641 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:237 Resp: 28551
Ion Ratio Lower Upper
237 100
235 50.8 43.8 83.8
272 9.3 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 131.518 ng

RT: 15.967 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

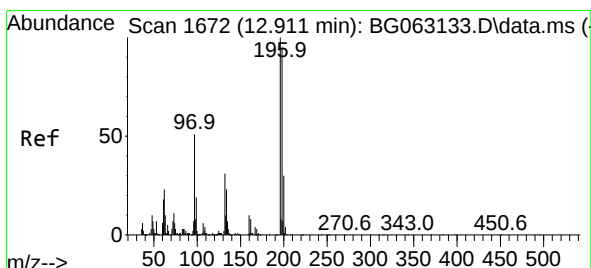
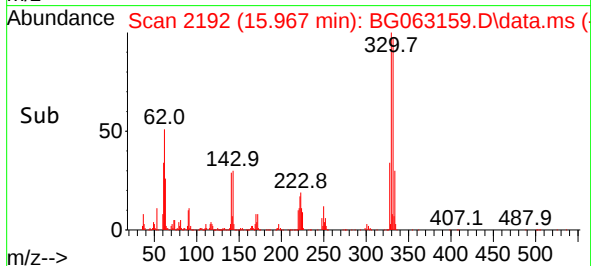
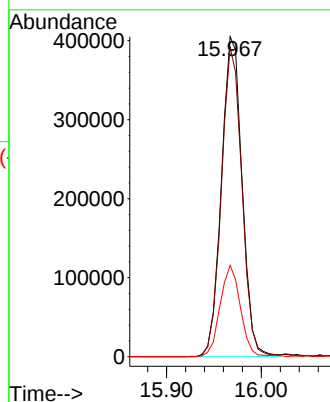
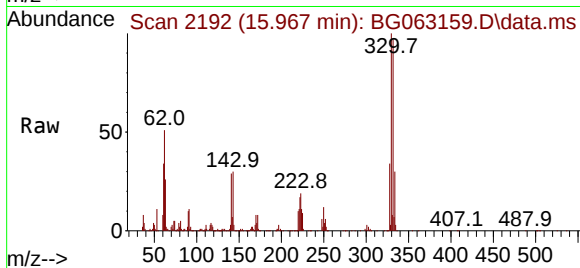
Tgt Ion:330 Resp: 615518

Ion Ratio Lower Upper

330 100

332 95.5 78.6 117.8

141 28.1 22.6 34.0



#43

2,4,6-Trichlorophenol

Concen: 8.148 ng

RT: 12.906 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

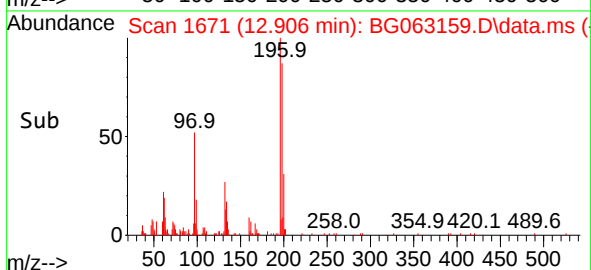
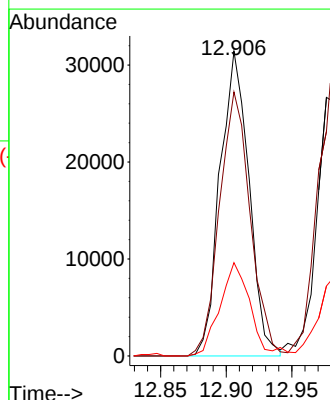
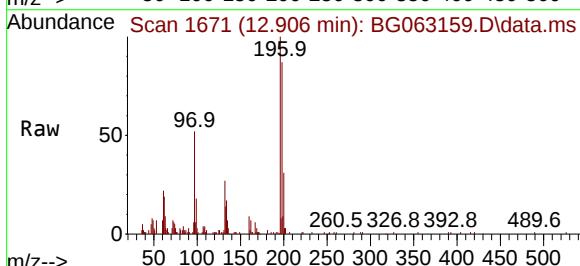
Tgt Ion:196 Resp: 48294

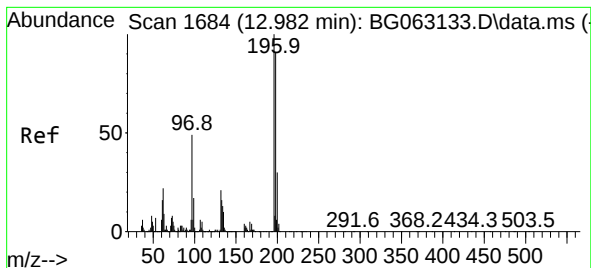
Ion Ratio Lower Upper

196 100

198 86.6 76.2 114.2

200 30.6 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 7.863 ng

RT: 12.976 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:196 Resp: 51249

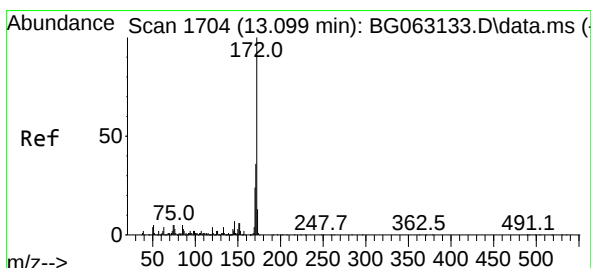
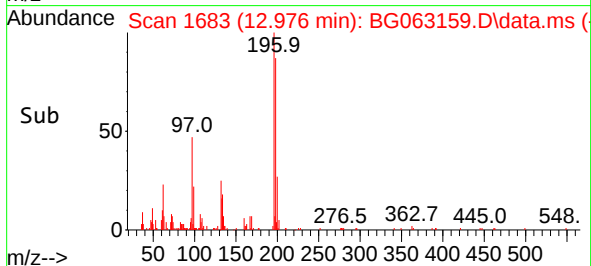
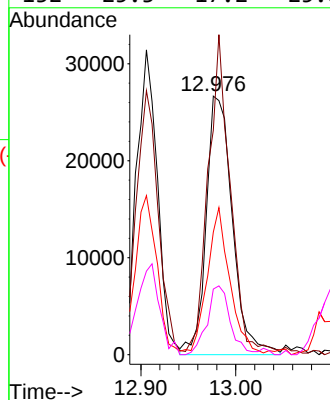
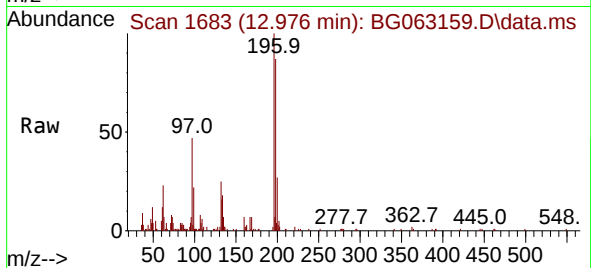
Ion Ratio Lower Upper

196 100

198 86.8 73.2 109.8

97 47.4 39.1 58.7

132 25.3 17.2 25.8



#45

2-Fluorobiphenyl

Concen: 93.069 ng

RT: 13.100 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

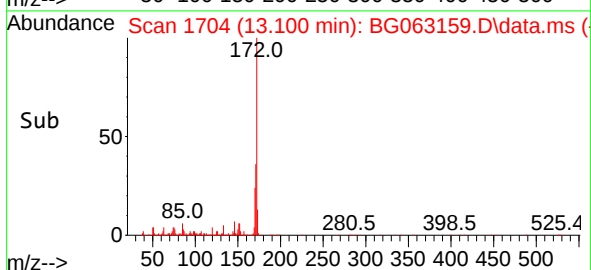
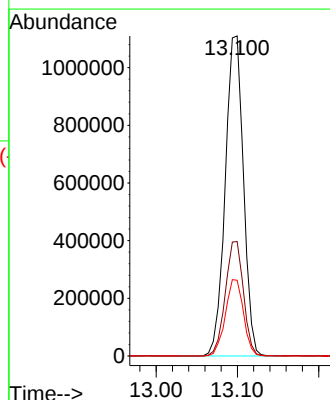
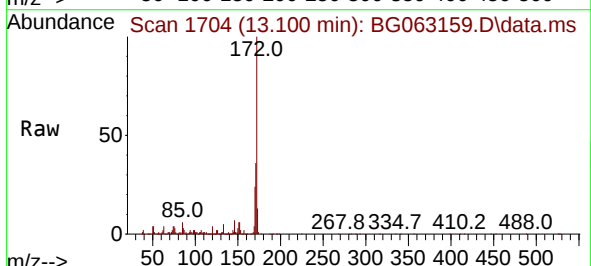
Tgt Ion:172 Resp: 1731284

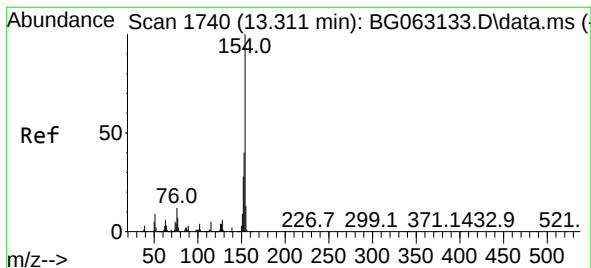
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.6 19.4 29.2





#46

1,1'-Biphenyl

Concen: 8.923 ng

RT: 13.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

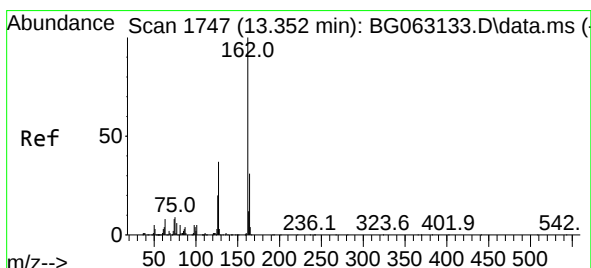
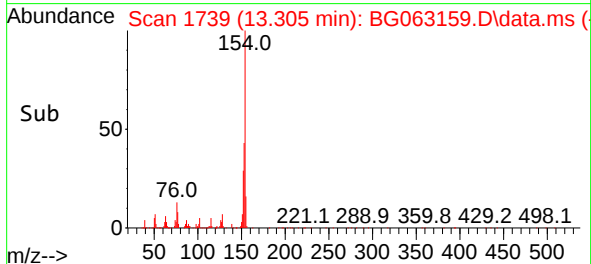
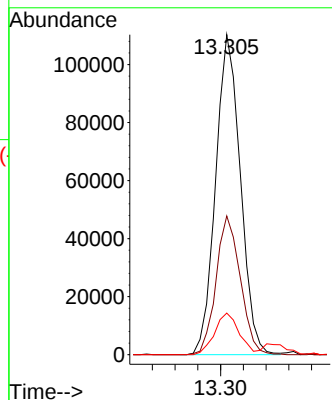
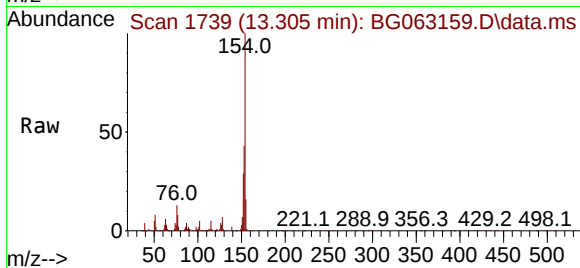
Tgt Ion:154 Resp: 166866

Ion Ratio Lower Upper

154 100

153 43.3 20.3 60.3

76 13.0 0.0 32.5



#47

2-Chloronaphthalene

Concen: 8.712 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

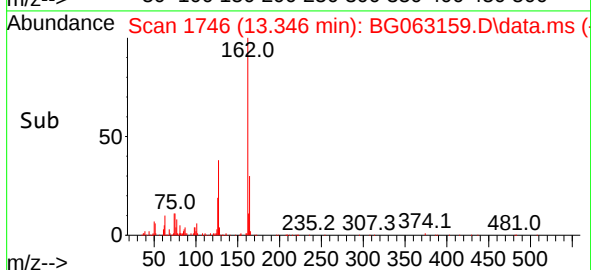
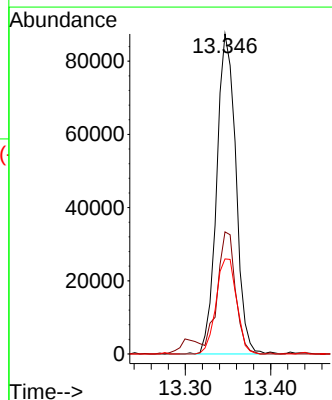
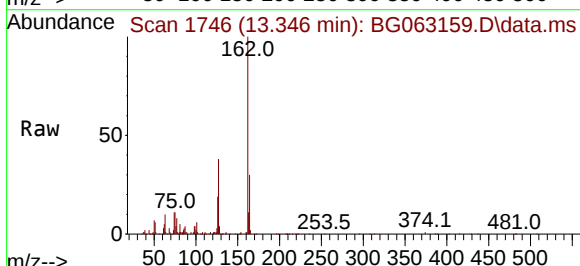
Tgt Ion:162 Resp: 136437

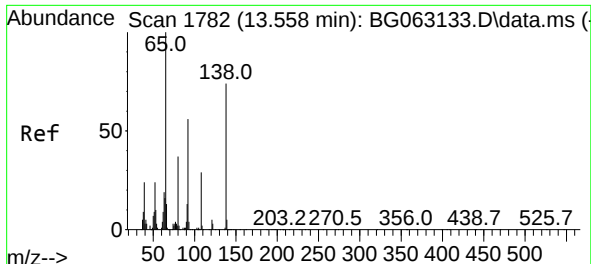
Ion Ratio Lower Upper

162 100

127 38.2 30.3 45.5

164 29.7 24.6 36.8

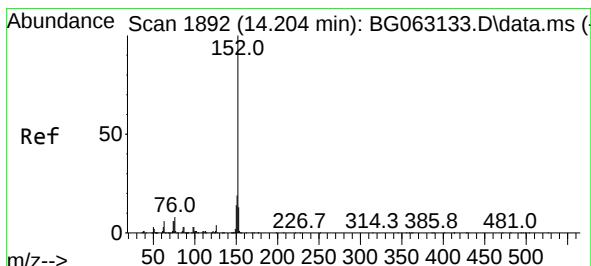
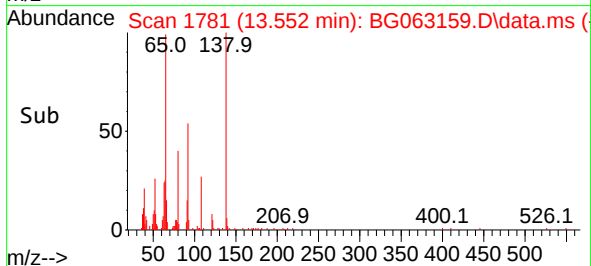
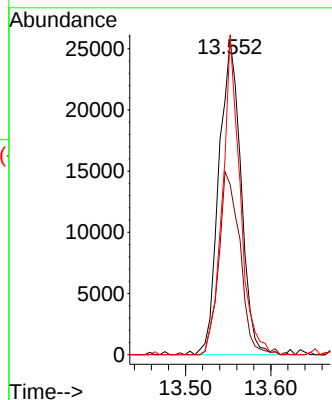
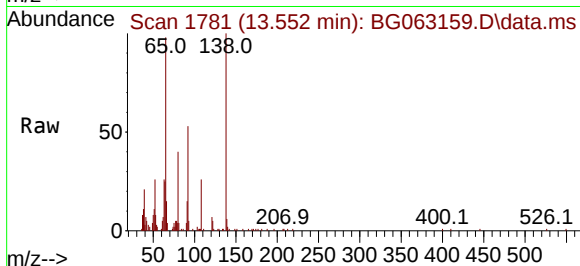




#48
2-Nitroaniline
Concen: 8.395 ng
RT: 13.552 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

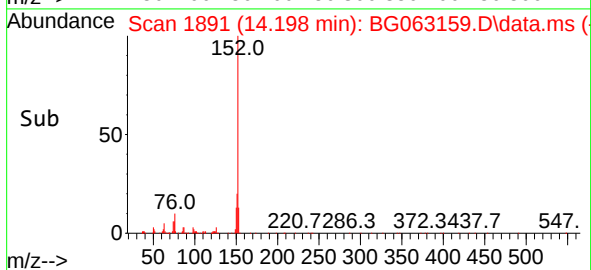
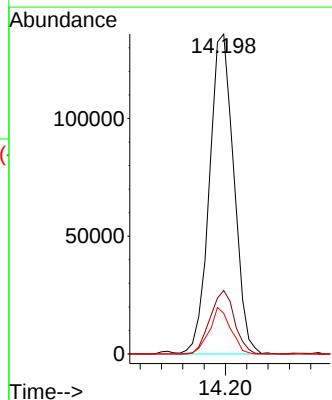
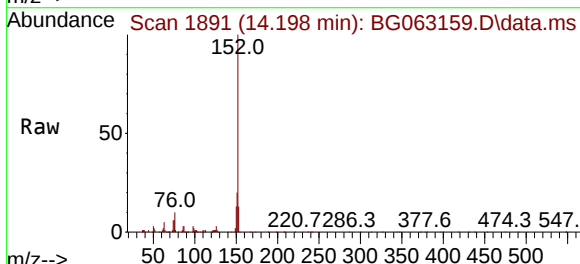
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

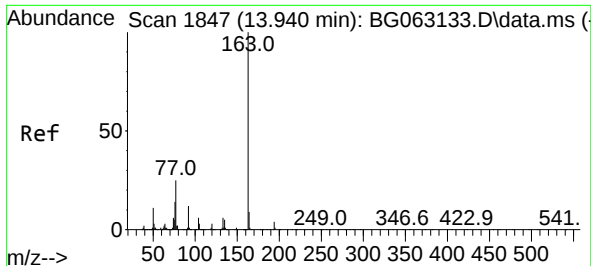
Tgt Ion: 65 Resp: 46144
Ion Ratio Lower Upper
65 100
92 54.1 44.6 66.8
138 101.6 59.0 88.4#



#49
Acenaphthylene
Concen: 9.757 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:152 Resp: 215714
Ion Ratio Lower Upper
152 100
151 19.9 15.0 22.4
153 12.7 10.1 15.1

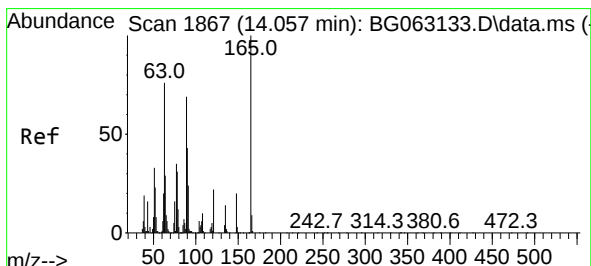
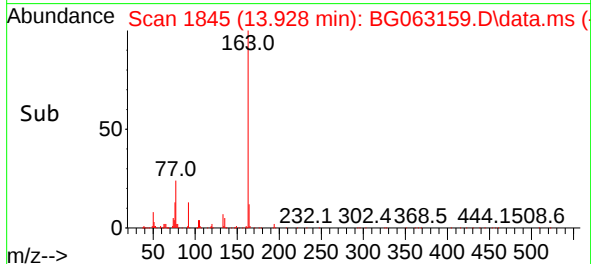
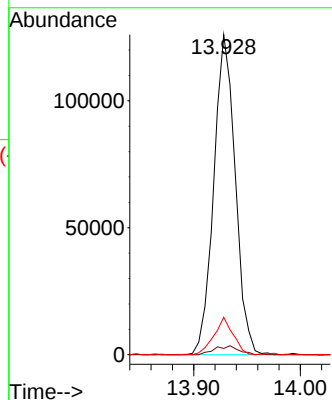
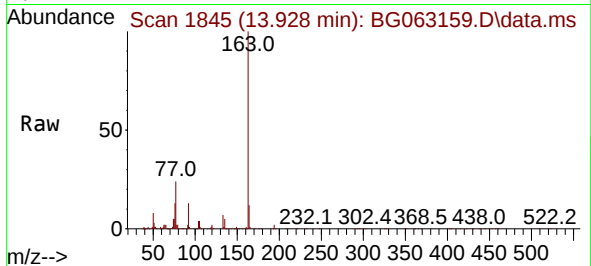




#50
Dimethylphthalate
Concen: 8.985 ng
RT: 13.928 min Scan# 1845
Delta R.T. -0.011 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

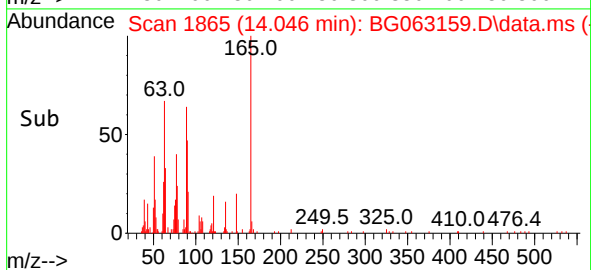
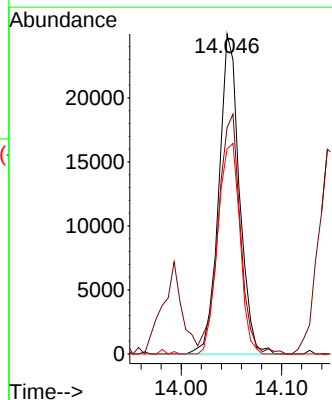
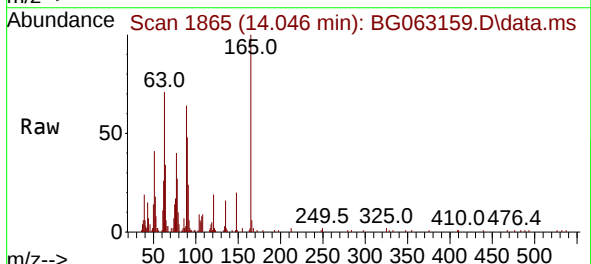
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

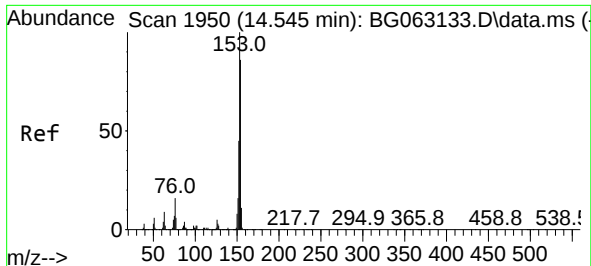
Tgt Ion:163 Resp: 176438
Ion Ratio Lower Upper
163 100
194 1.9 3.4 5.0#
164 11.7 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 14.046 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

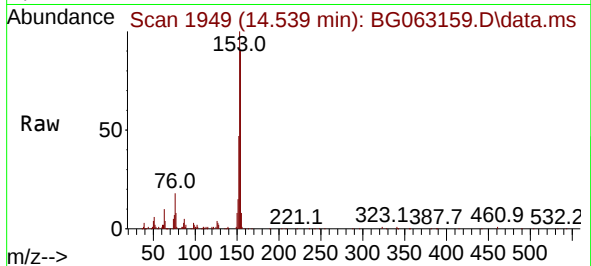
Tgt Ion:165 Resp: 35411
Ion Ratio Lower Upper
165 100
63 70.7 63.8 95.8
89 64.0 55.1 82.7



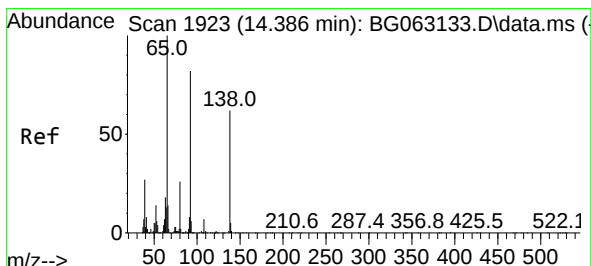
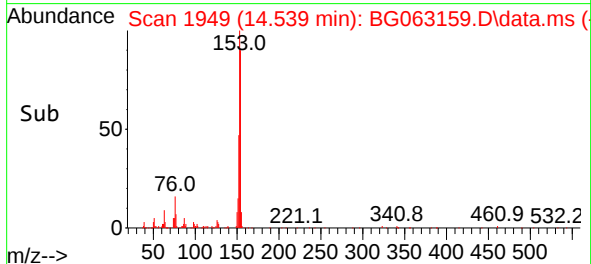
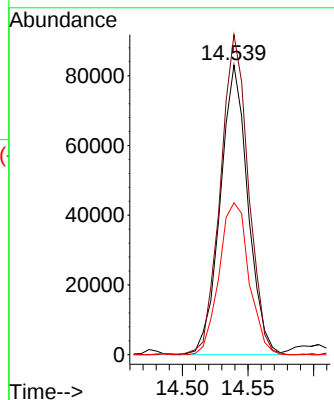


#52
Acenaphthene
Concen: 8.899 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

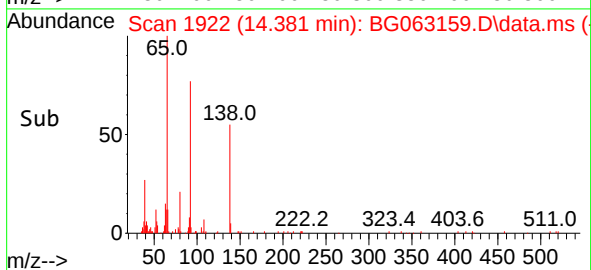
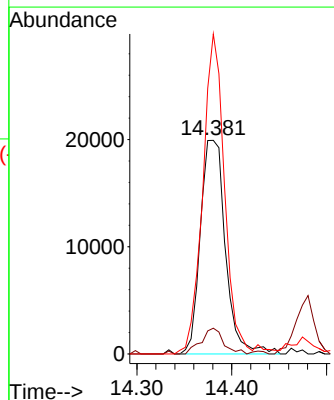
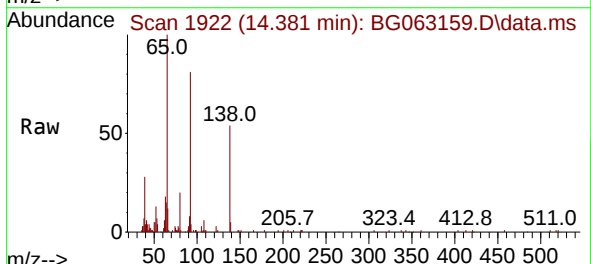


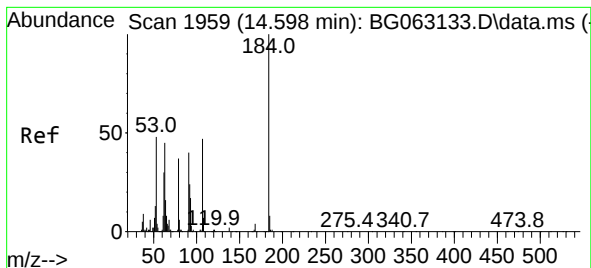
Tgt Ion:154 Resp: 121806
Ion Ratio Lower Upper
154 100
153 110.5 93.1 139.7
152 52.4 42.2 63.2



#53
3-Nitroaniline
Concen: 9.211 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:138 Resp: 36663
Ion Ratio Lower Upper
138 100
108 12.0 9.4 14.0
92 149.8 106.2 159.2

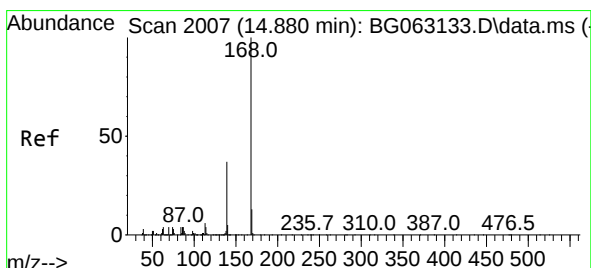
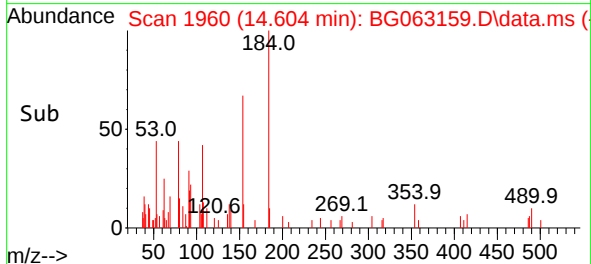
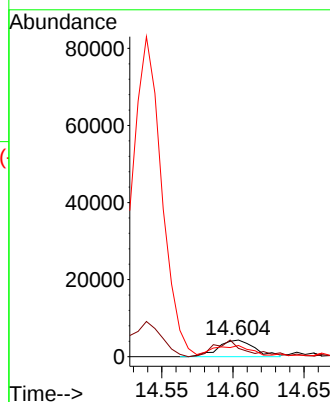
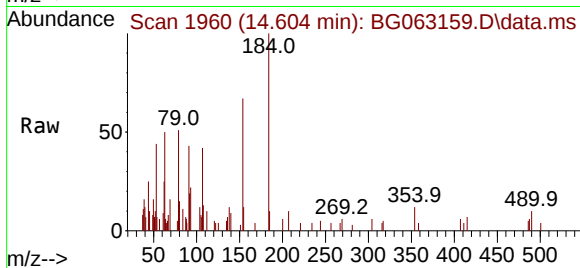




#54
2,4-Dinitrophenol
Concen: 3.009 ng
RT: 14.604 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

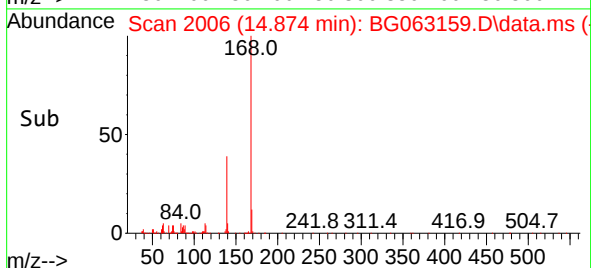
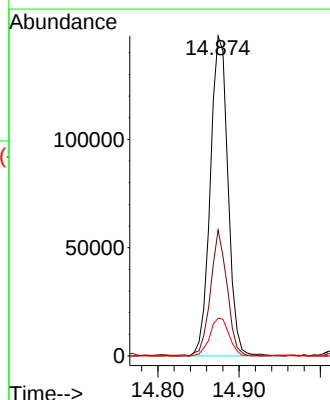
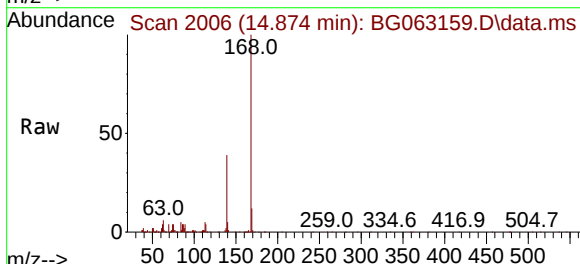
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

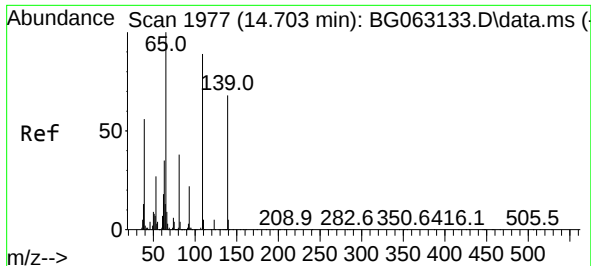
Tgt Ion:184 Resp: 7693
Ion Ratio Lower Upper
184 100
63 50.3 58.5 87.7#
154 67.1 60.6 90.8



#55
Dibenzofuran
Concen: 9.236 ng
RT: 14.874 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:168 Resp: 222908
Ion Ratio Lower Upper
168 100
139 39.4 29.9 44.9
169 11.8 10.4 15.6

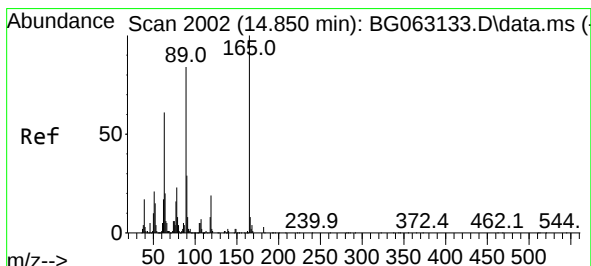
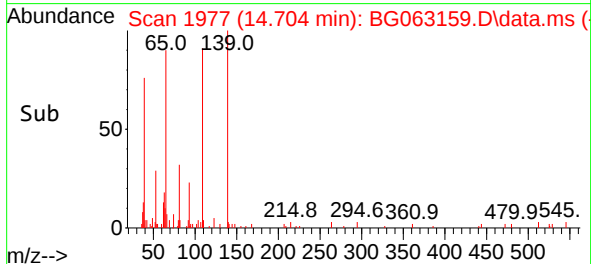
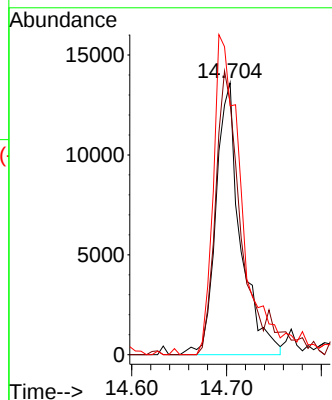
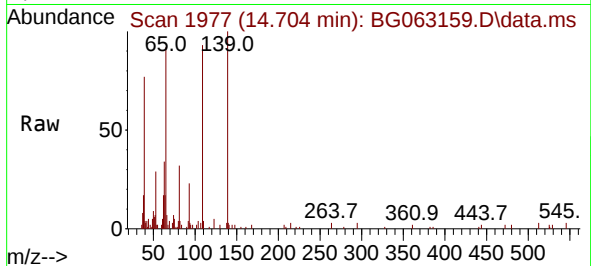




#56
4-Nitrophenol
Concen: 8.100 ng
RT: 14.704 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

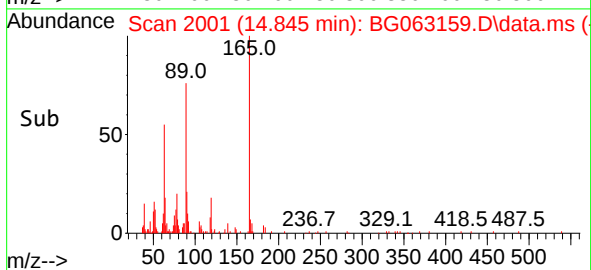
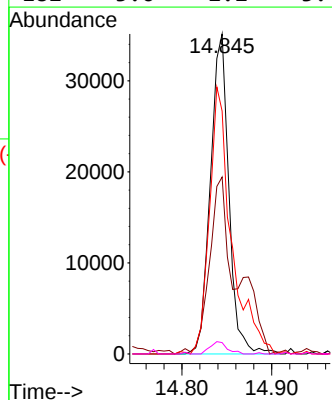
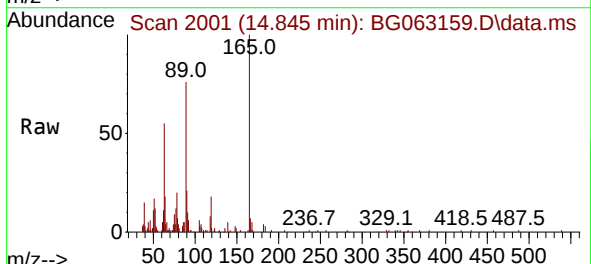
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

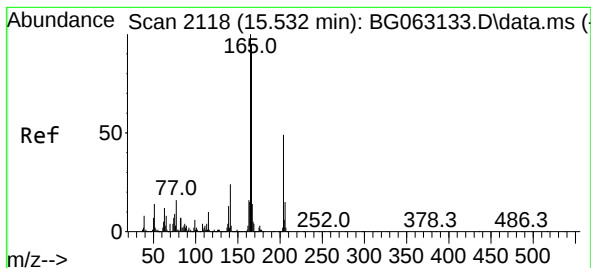
Tgt Ion:139 Resp: 24411
Ion Ratio Lower Upper
139 100
109 92.8 112.0 152.0#
65 91.5 127.6 167.6#



#57
2,4-Dinitrotoluene
Concen: 8.354 ng
RT: 14.845 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:165 Resp: 50096
Ion Ratio Lower Upper
165 100
63 55.3 49.0 73.4
89 75.9 67.4 101.0
182 3.6 2.2 3.4#





#58

Fluorene

Concen: 8.542 ng

RT: 15.526 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

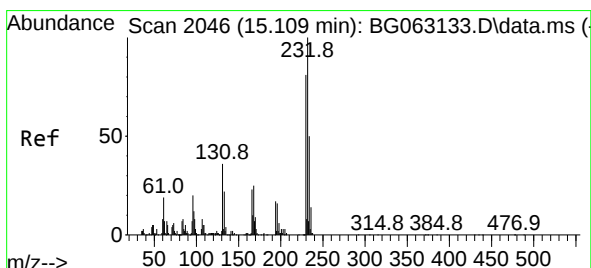
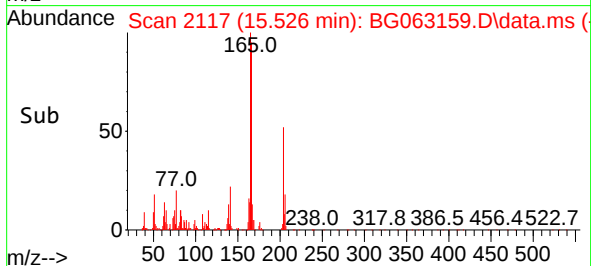
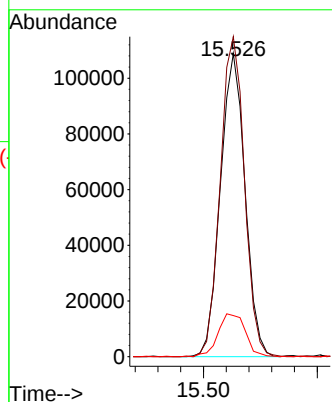
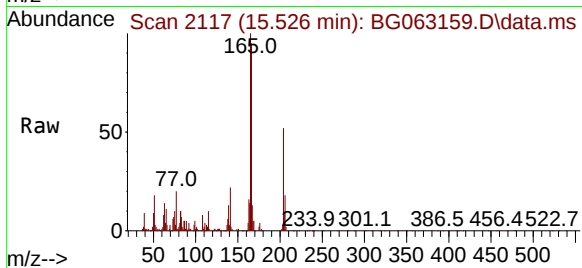
Tgt Ion:166 Resp: 163374

Ion Ratio Lower Upper

166 100

165 105.5 84.1 126.1

167 13.5 11.6 17.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 7.509 ng

RT: 15.109 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Tgt Ion:232 Resp: 46964

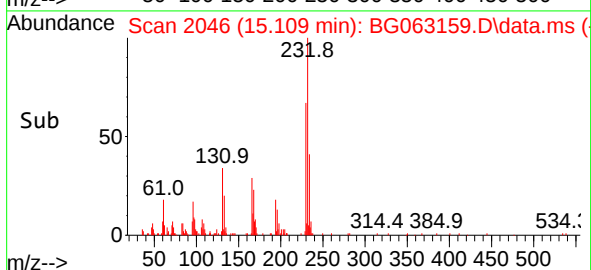
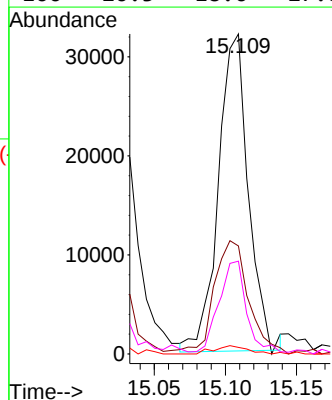
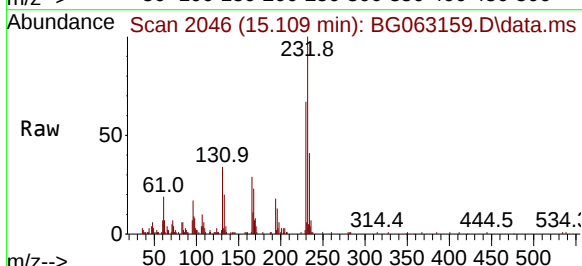
Ion Ratio Lower Upper

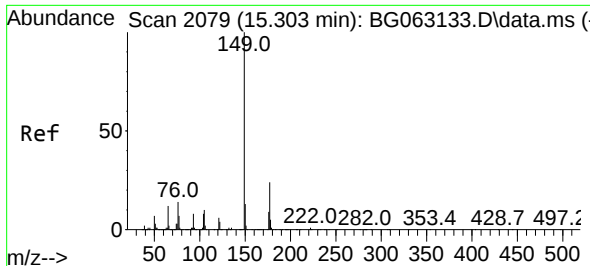
232 100

131 41.1 26.8 40.2#

130 2.9 1.8 2.8#

166 26.3 18.6 27.8

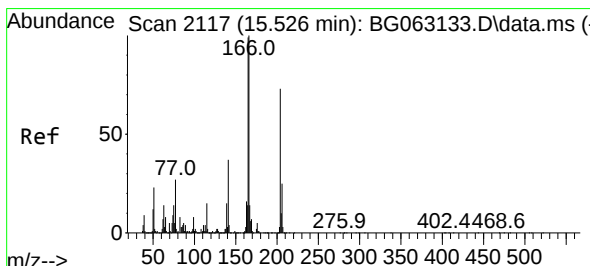
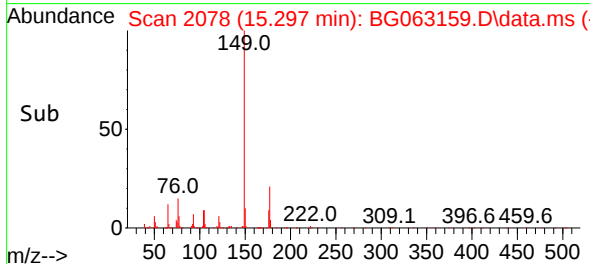
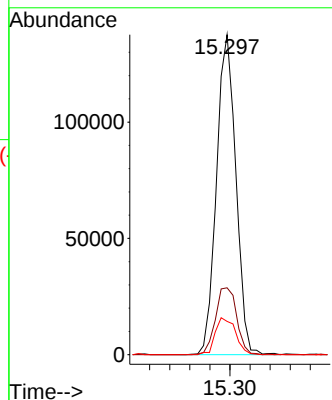
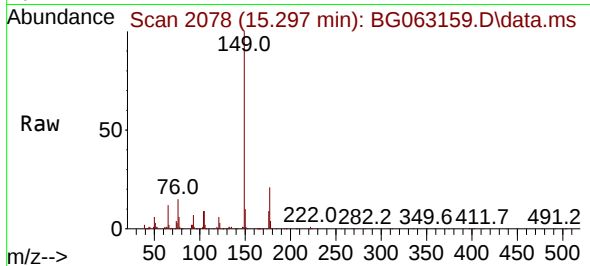




#60
Diethylphthalate
Concen: 9.141 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

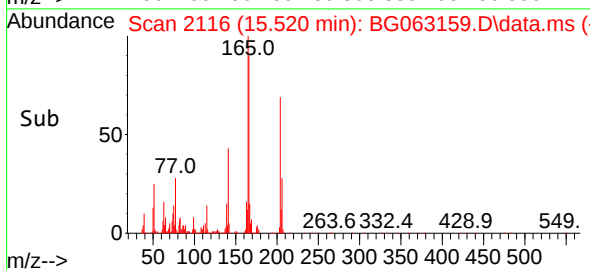
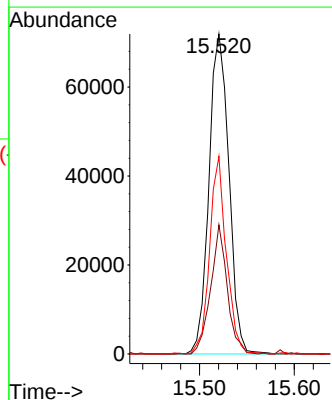
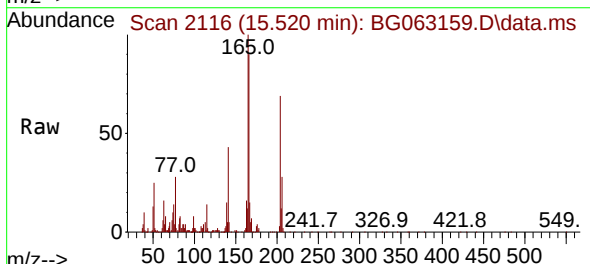
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

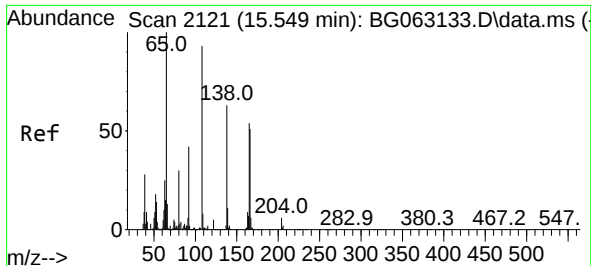
Tgt Ion:149 Resp: 184310
Ion Ratio Lower Upper
149 100
177 20.9 18.8 28.2
150 10.4 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 8.817 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:204 Resp: 104816
Ion Ratio Lower Upper
204 100
206 40.3 27.0 40.4
141 61.7 41.0 61.4#

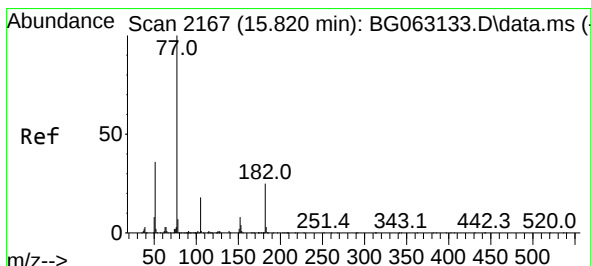
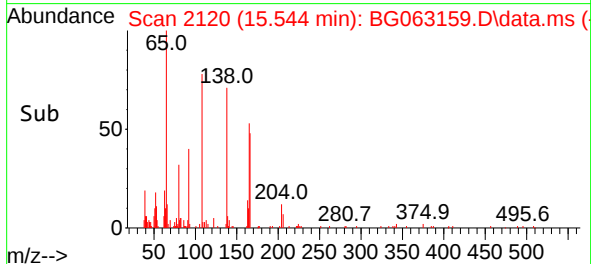
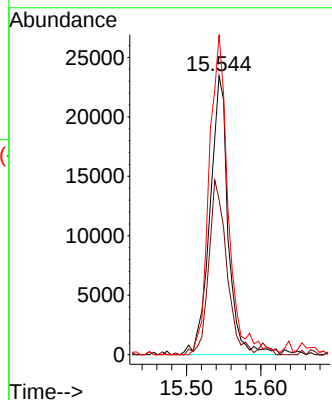
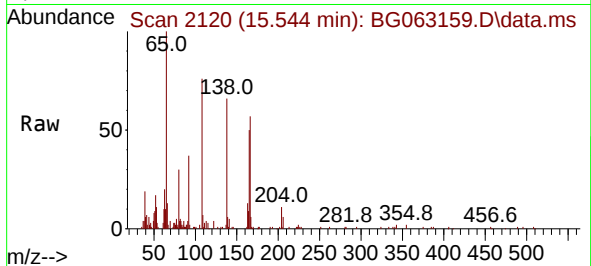




#62
4-Nitroaniline
Concen: 9.120 ng
RT: 15.544 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

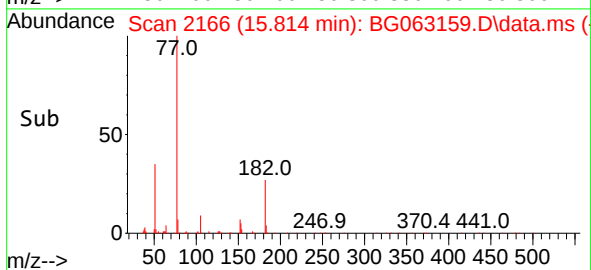
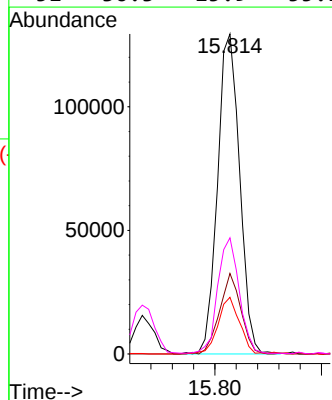
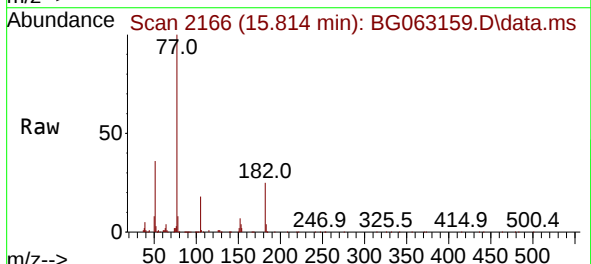
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

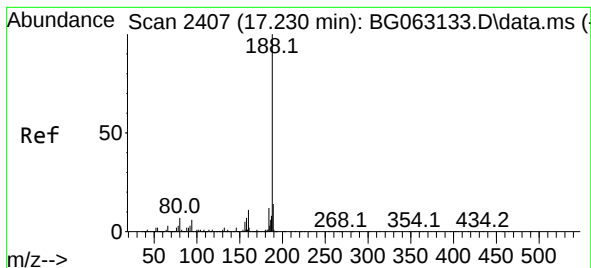
Tgt Ion:138 Resp: 40050
Ion Ratio Lower Upper
138 100
92 55.6 46.2 86.2
108 114.8 126.8 166.8#



#63
Azobenzene
Concen: 8.922 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion: 77 Resp: 186073
Ion Ratio Lower Upper
77 100
182 25.1 5.4 45.4
105 17.7 0.0 37.5
51 36.3 15.9 55.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

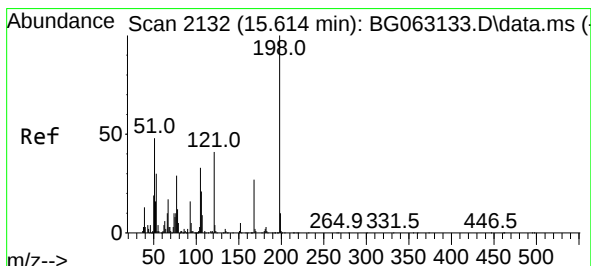
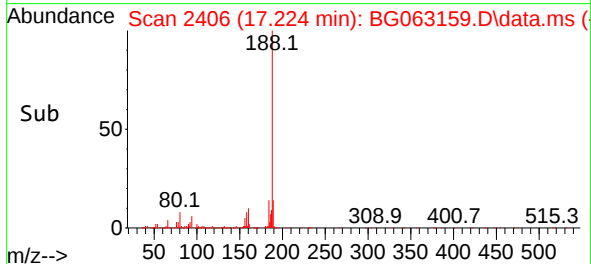
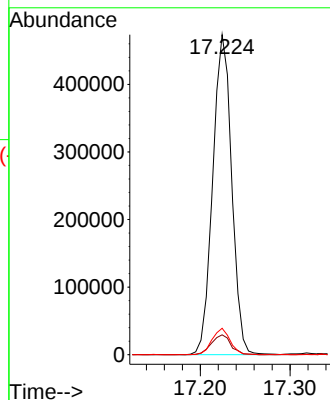
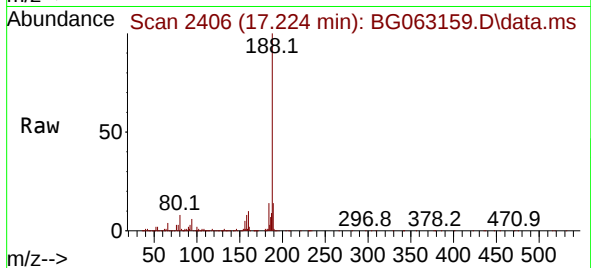
Tgt Ion:188 Resp: 693636

Ion Ratio Lower Upper

188 100

94 6.2 4.8 7.2

80 8.3 5.9 8.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.501 ng

RT: 15.609 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

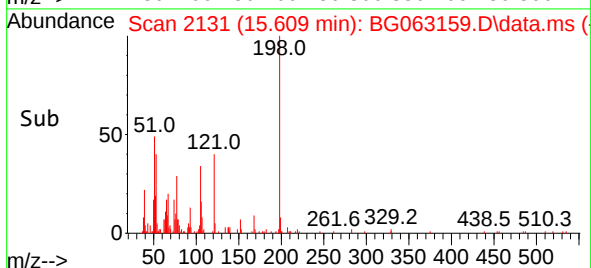
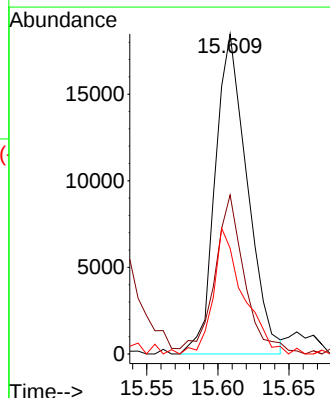
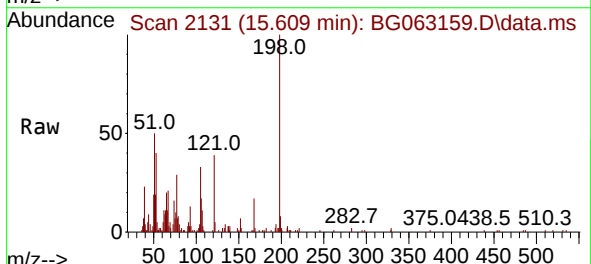
Tgt Ion:198 Resp: 28993

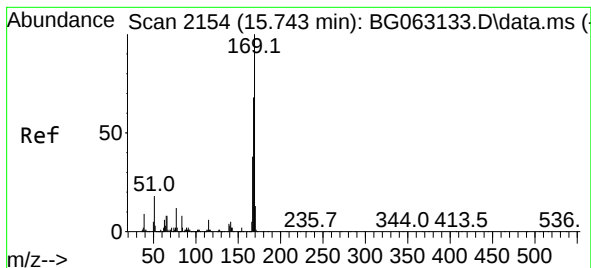
Ion Ratio Lower Upper

198 100

51 49.7 30.3 70.3

105 33.0 13.6 53.6





#66

n-Nitrosodiphenylamine

Concen: 8.984 ng

RT: 15.732 min Scan# 2154

Delta R.T. -0.011 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

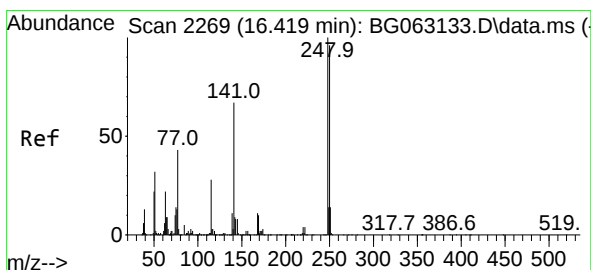
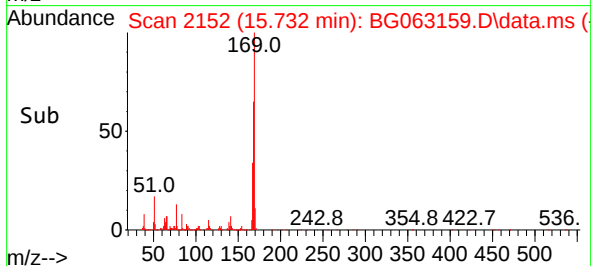
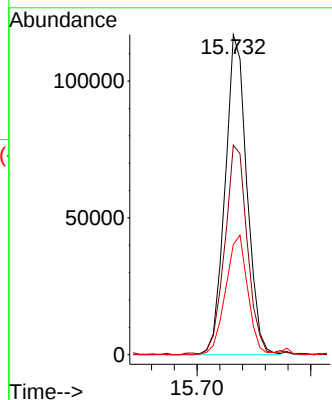
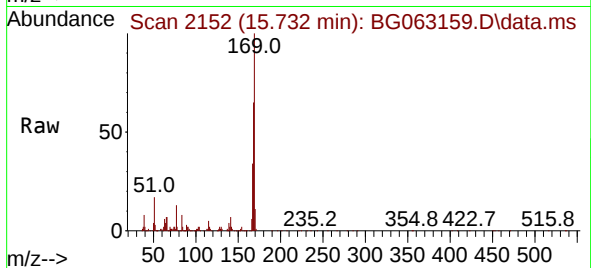
Tgt Ion:169 Resp: 155470

Ion Ratio Lower Upper

169 100

168 65.5 54.8 82.2

167 34.4 30.2 45.4



#67

4-Bromophenyl-phenylether

Concen: 8.827 ng

RT: 16.413 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

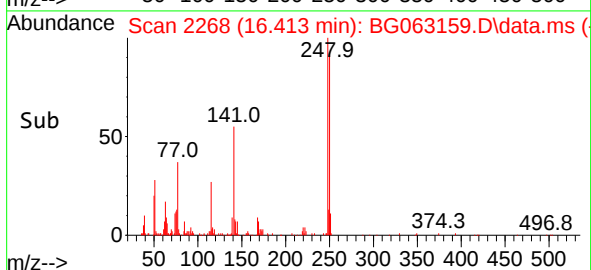
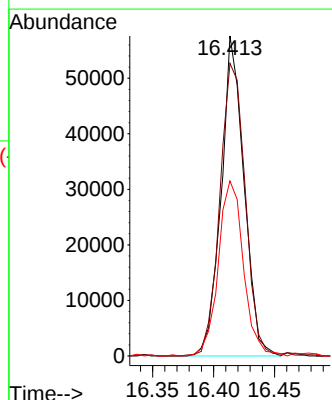
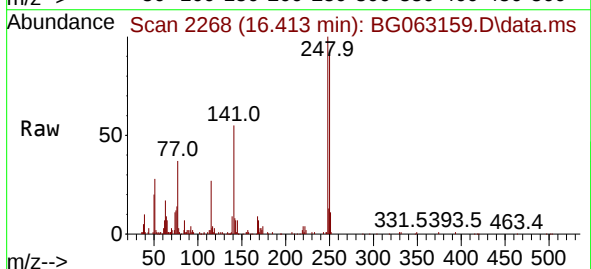
Tgt Ion:248 Resp: 75037

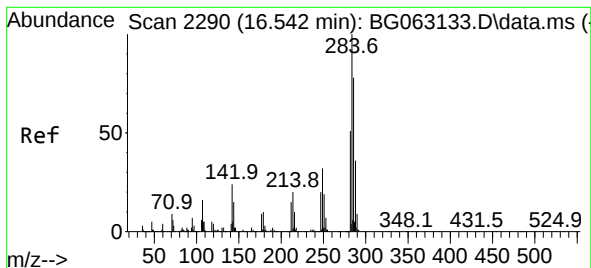
Ion Ratio Lower Upper

248 100

250 91.4 76.6 115.0

141 54.7 53.9 80.9





#68

Hexachlorobenzene

Concen: 8.429 ng

RT: 16.537 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

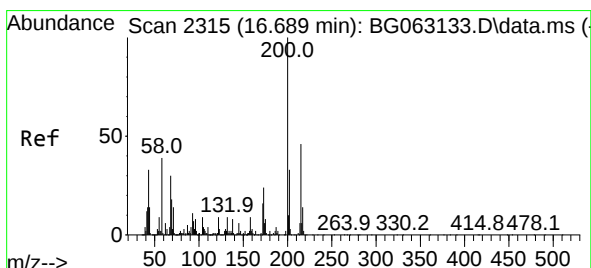
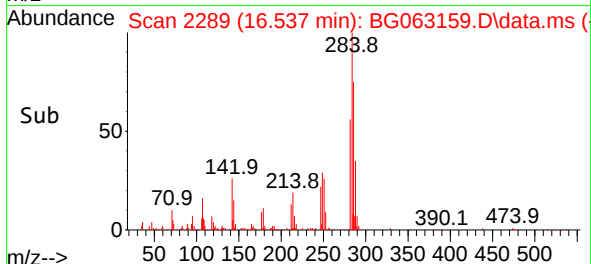
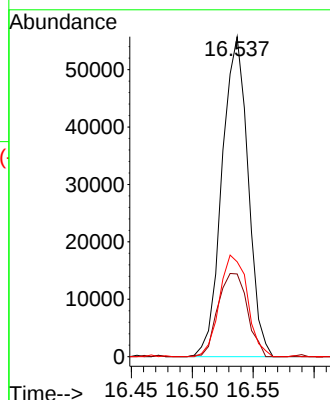
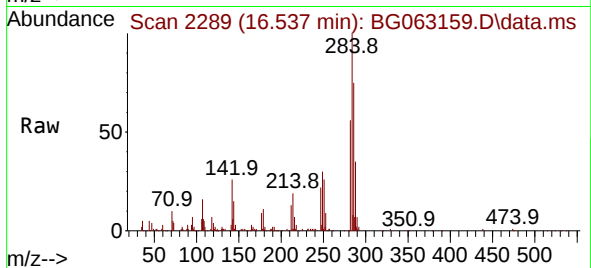
Tgt Ion:284 Resp: 83006

Ion Ratio Lower Upper

284 100

142 25.8 19.0 28.6

249 29.6 25.8 38.8



#69

Atrazine

Concen: 8.200 ng

RT: 16.684 min Scan# 2314

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

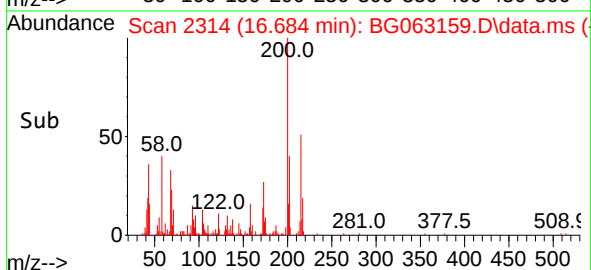
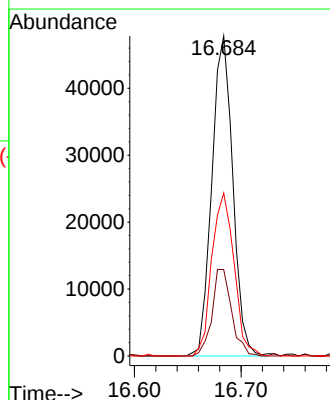
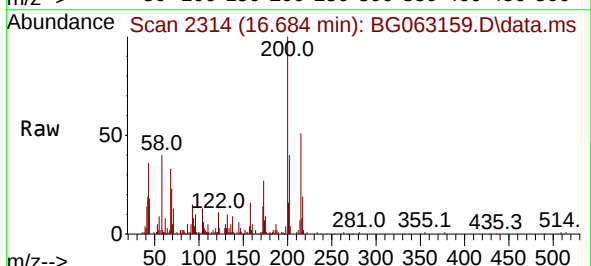
Tgt Ion:200 Resp: 65227

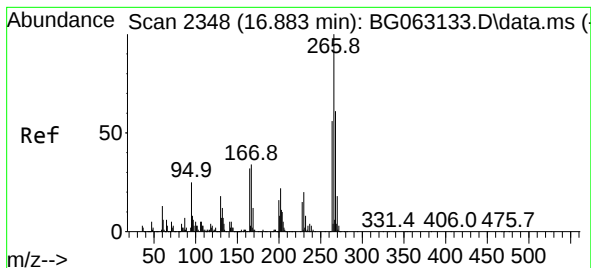
Ion Ratio Lower Upper

200 100

173 27.0 3.6 43.6

215 50.9 25.8 65.8





#70

Pentachlorophenol

Concen: 4.520 ng

RT: 16.884 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

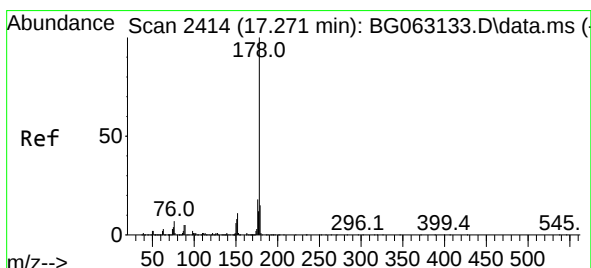
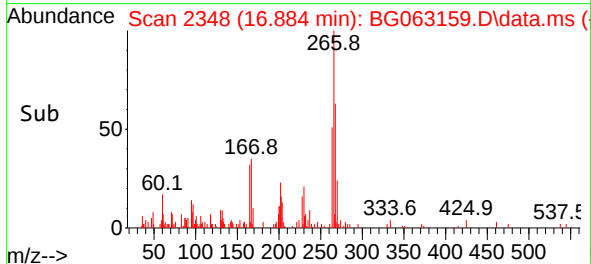
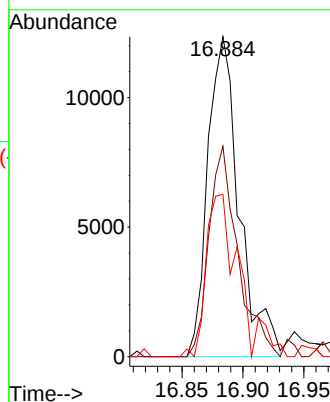
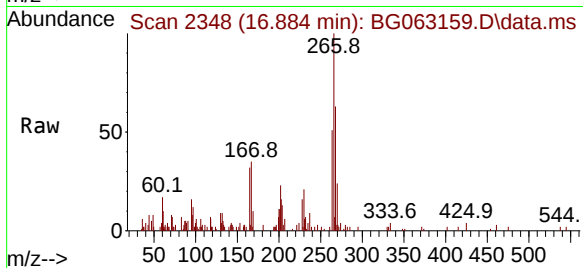
Tgt Ion:266 Resp: 22145

Ion Ratio Lower Upper

266 100

268 65.8 48.8 73.2

264 50.8 45.0 67.4



#71

Phenanthrene

Concen: 9.292 ng

RT: 17.265 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

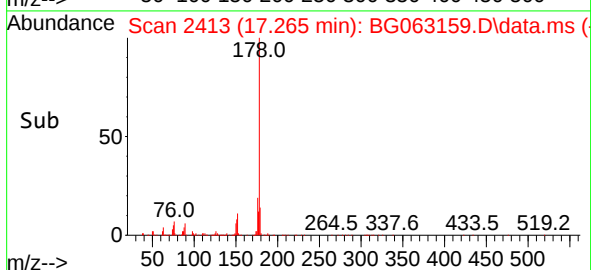
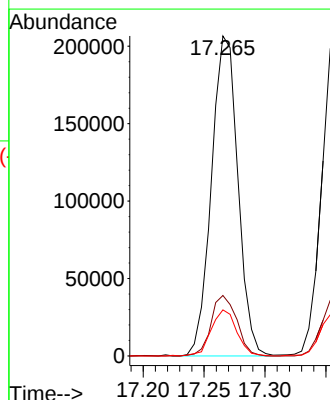
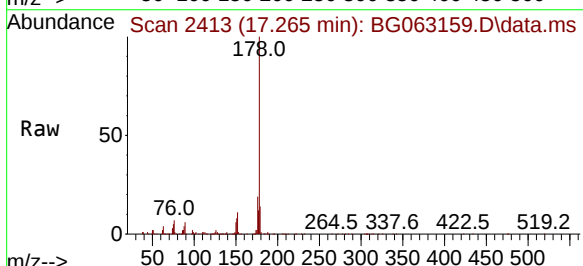
Tgt Ion:178 Resp: 312459

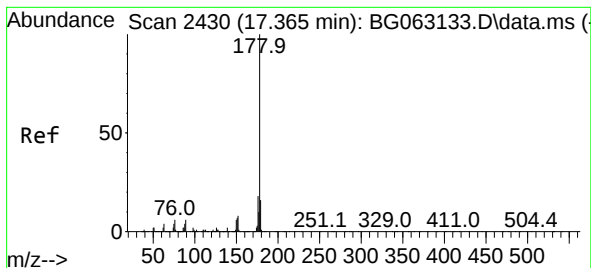
Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

179 14.4 12.3 18.5





#72

Anthracene

Concen: 9.538 ng

RT: 17.359 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

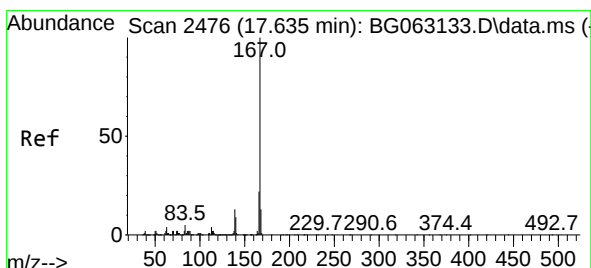
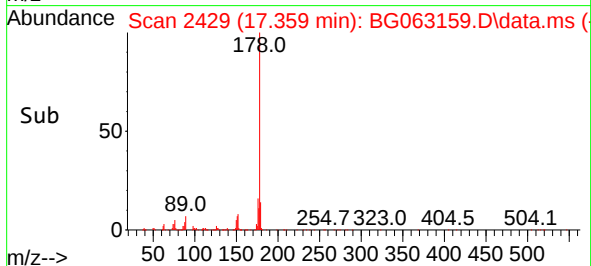
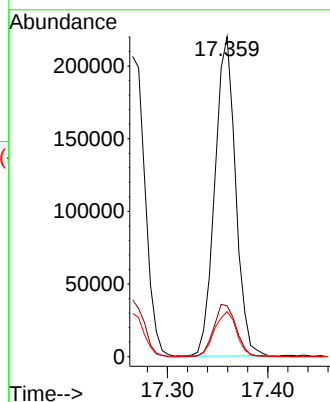
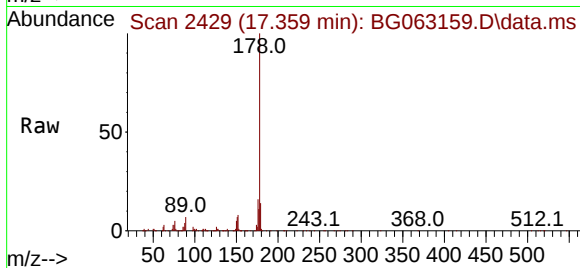
Tgt Ion:178 Resp: 314776

Ion Ratio Lower Upper

178 100

176 15.9 14.6 22.0

179 14.1 12.4 18.6



#73

Carbazole

Concen: 9.179 ng

RT: 17.630 min Scan# 2475

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

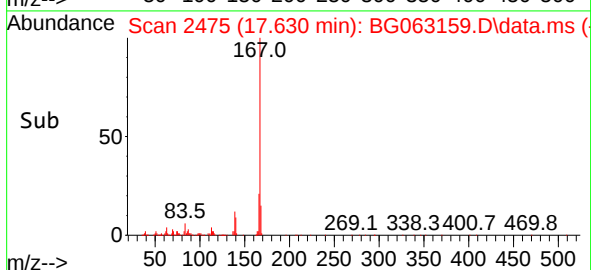
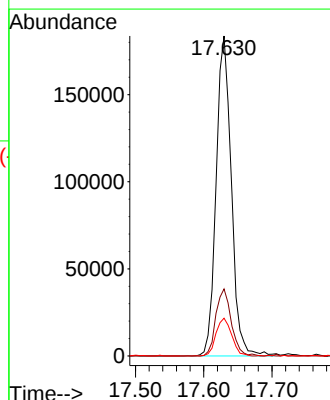
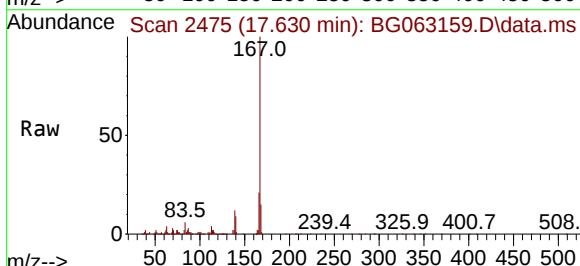
Tgt Ion:167 Resp: 285181

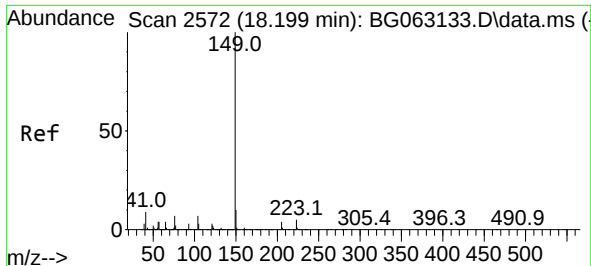
Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.2

139 11.8 10.3 15.5

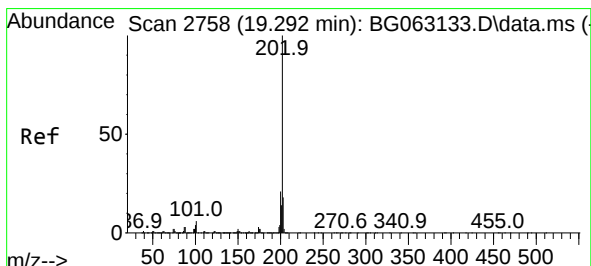
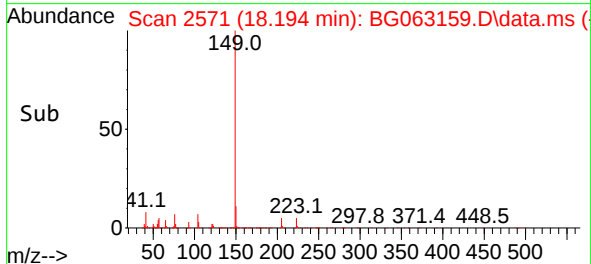
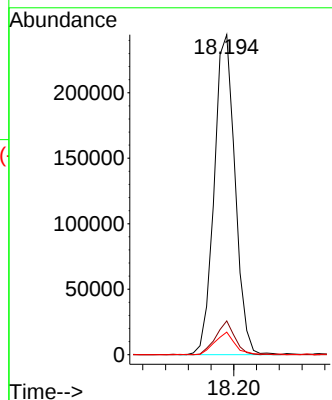
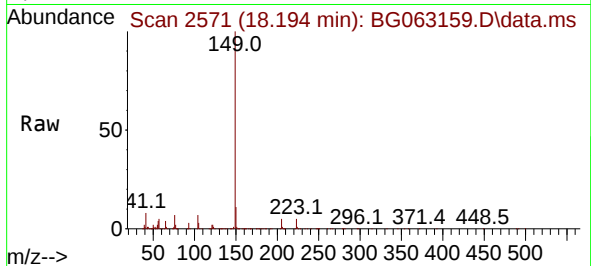




#74
Di-n-butylphthalate
Concen: 8.817 ng
RT: 18.194 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

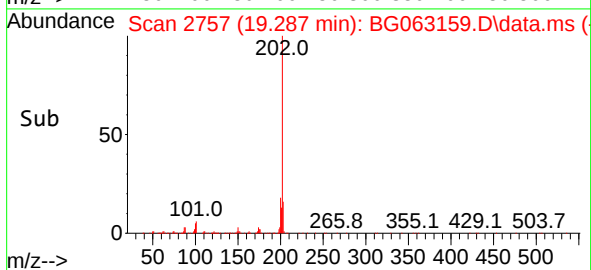
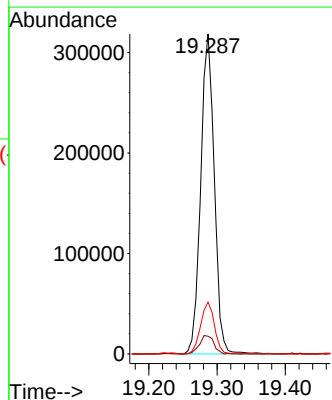
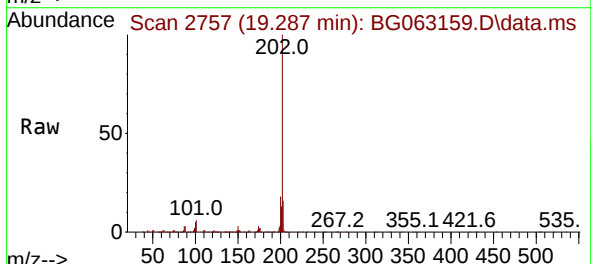
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

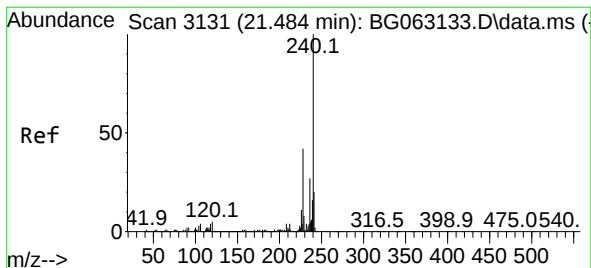
Tgt Ion:149 Resp: 311029
Ion Ratio Lower Upper
149 100
150 10.6 7.8 11.8
104 7.0 5.4 8.0



#75
Fluoranthene
Concen: 9.248 ng
RT: 19.287 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:202 Resp: 440180
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.8
203 16.2 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.472 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

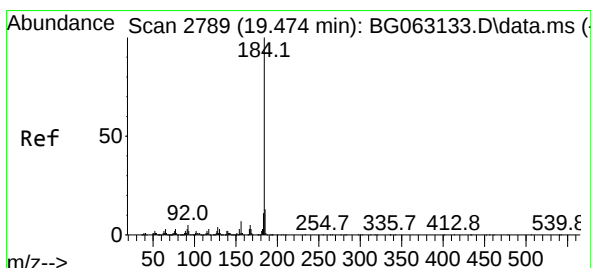
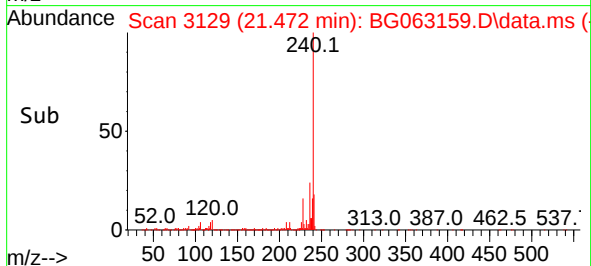
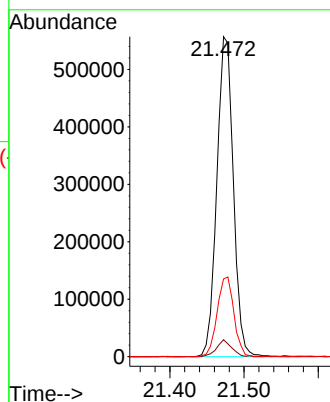
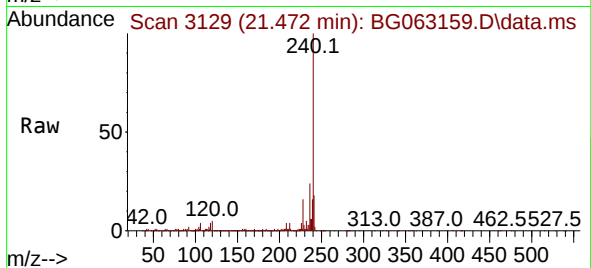
Tgt Ion:240 Resp: 861025

Ion Ratio Lower Upper

240 100

120 5.3 3.9 5.9

236 24.3 21.4 32.2



#77

Benzidine

Concen: 5.687 ng

RT: 19.857 min Scan# 2854

Delta R.T. 0.383 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

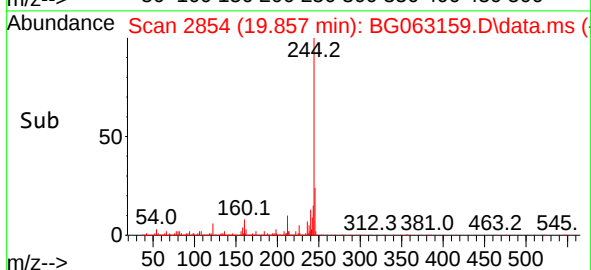
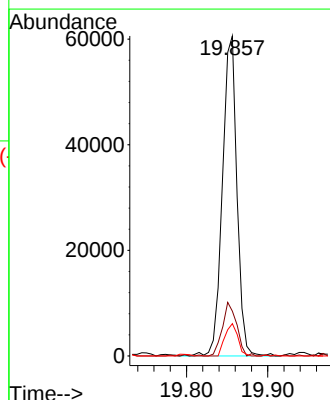
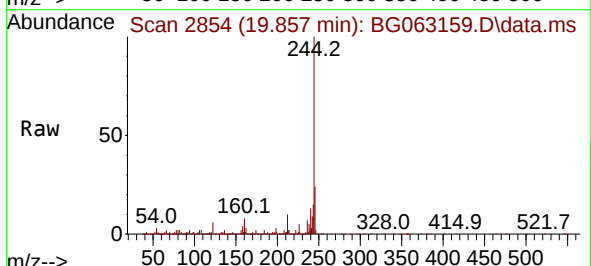
Tgt Ion:184 Resp: 75450

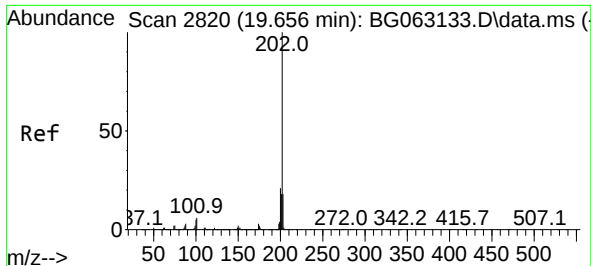
Ion Ratio Lower Upper

184 100

185 14.0 10.6 16.0

183 10.1 8.6 12.8

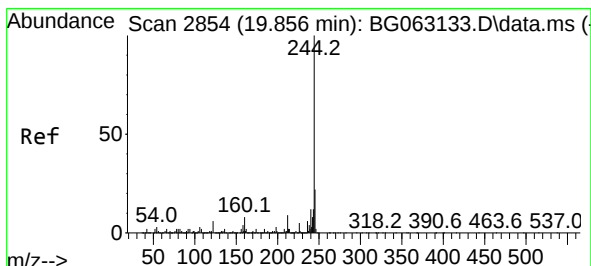
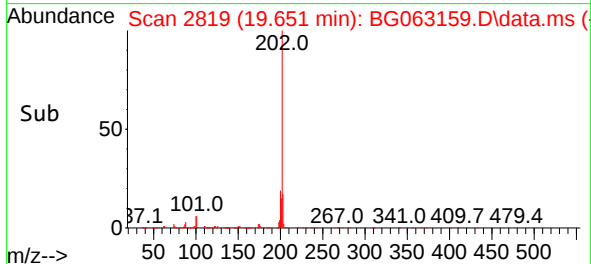
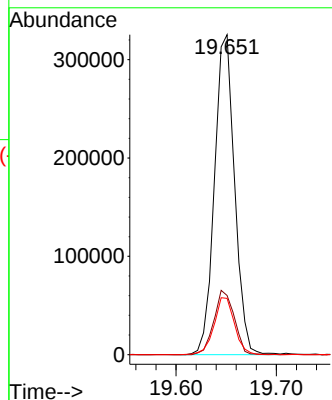
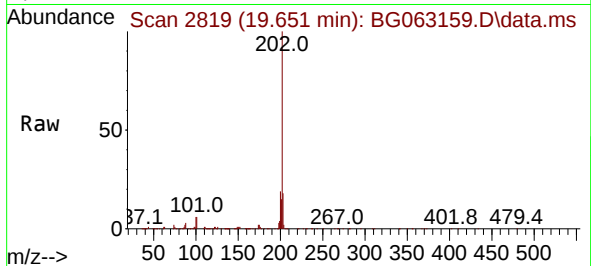




#78
Pyrene
Concen: 8.876 ng
RT: 19.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

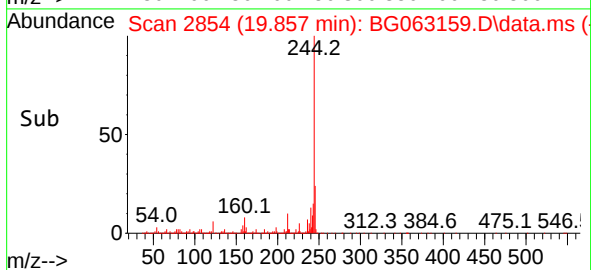
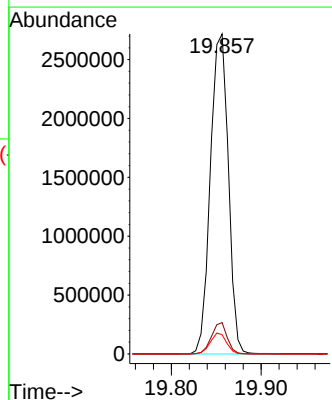
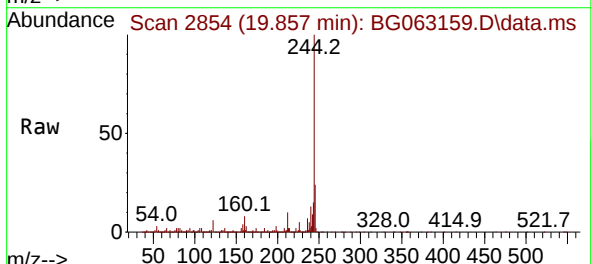
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

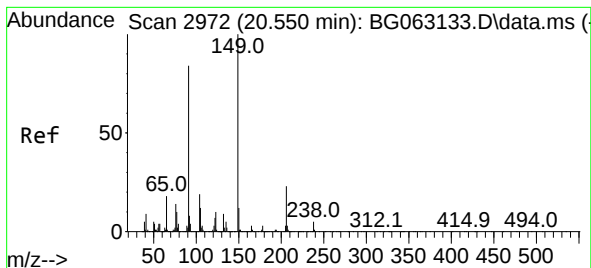
Tgt Ion:202 Resp: 453018
Ion Ratio Lower Upper
202 100
200 18.5 16.7 25.1
203 17.6 14.2 21.2



#79
Terphenyl-d14
Concen: 90.279 ng
RT: 19.857 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:244 Resp: 3777367
Ion Ratio Lower Upper
244 100
212 9.8 7.3 10.9
122 6.0 4.8 7.2





#80

Butylbenzylphthalate

Concen: 7.970 ng

RT: 20.544 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

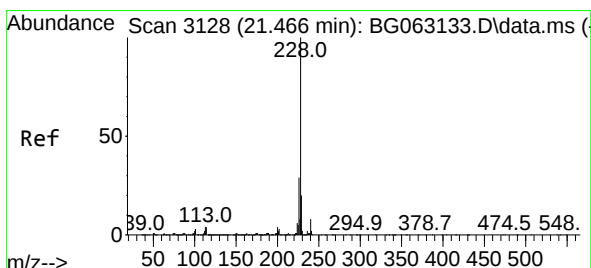
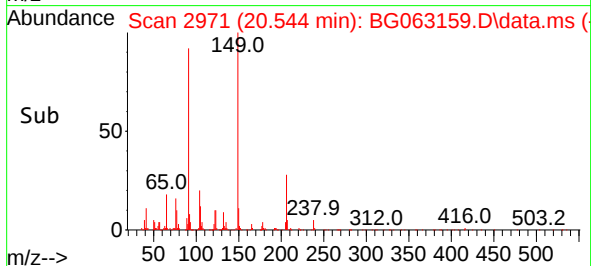
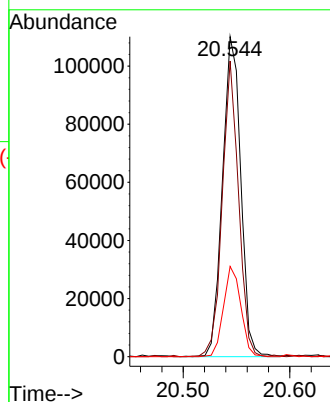
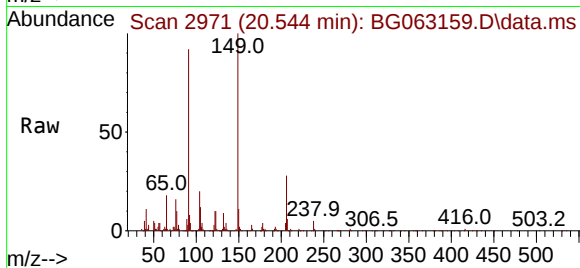
Tgt Ion:149 Resp: 131075

Ion Ratio Lower Upper

149 100

91 92.4 67.3 100.9

206 28.2 18.8 28.2#



#81

Benzo(a)anthracene

Concen: 8.992 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.011 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

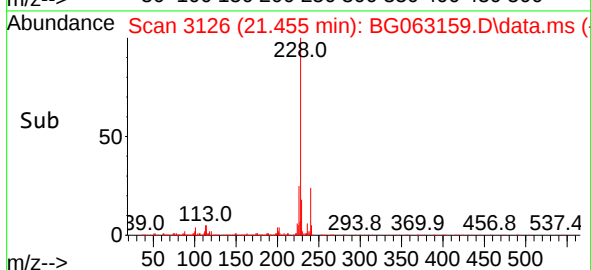
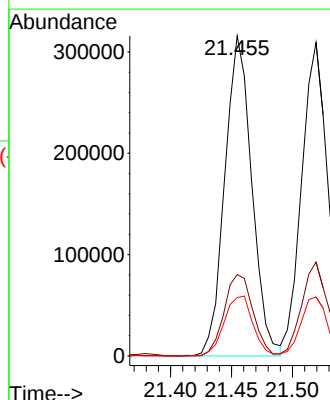
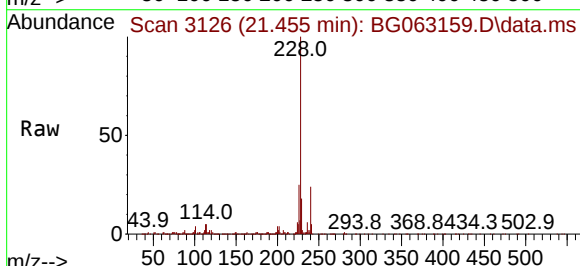
Tgt Ion:228 Resp: 487567

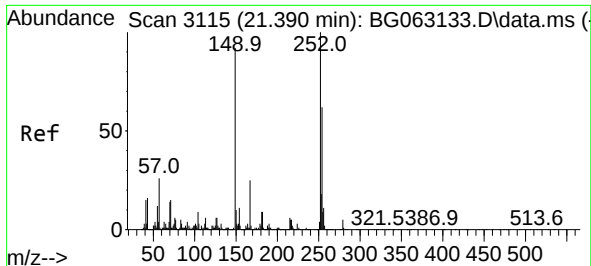
Ion Ratio Lower Upper

228 100

226 25.5 23.5 35.3

229 18.3 16.2 24.2

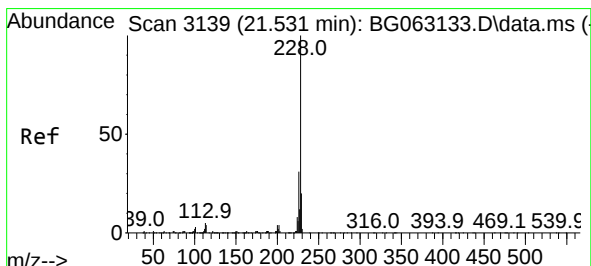
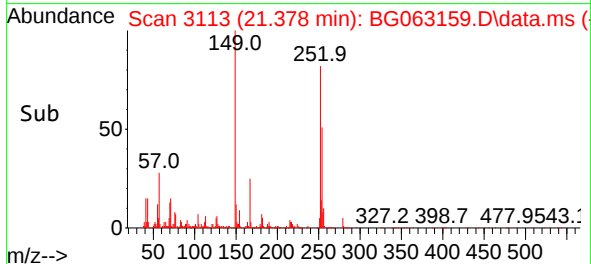
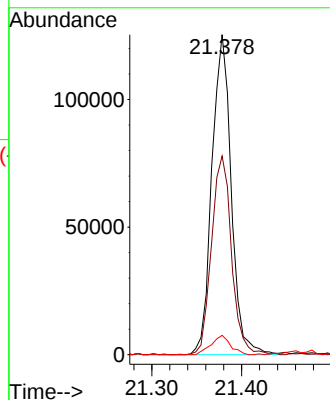
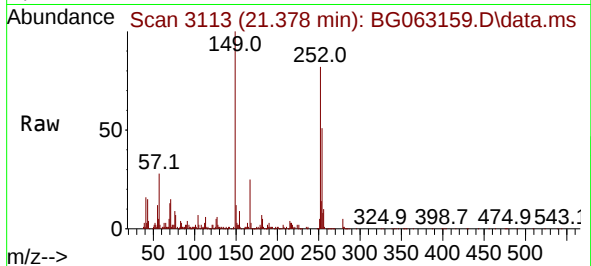




#82
3,3'-Dichlorobenzidine
Concen: 9.326 ng
RT: 21.378 min Scan# 3113
Delta R.T. -0.011 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

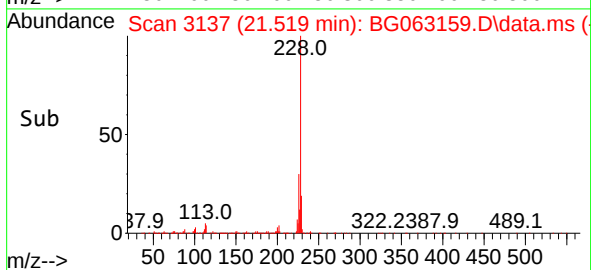
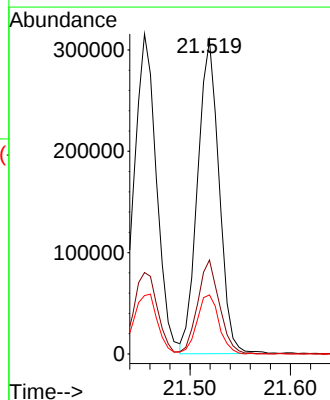
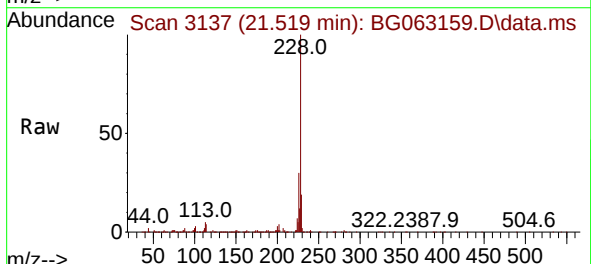
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

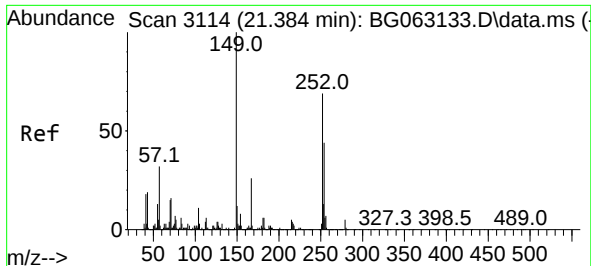
Tgt Ion:252 Resp: 187488
Ion Ratio Lower Upper
252 100
254 62.1 49.4 74.2
126 6.1 4.8 7.2



#83
Chrysene
Concen: 9.040 ng
RT: 21.519 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BG063159.D
Acq: 4 Nov 2024 17:33

Tgt Ion:228 Resp: 460440
Ion Ratio Lower Upper
228 100
226 30.0 24.8 37.2
229 18.9 15.8 23.8

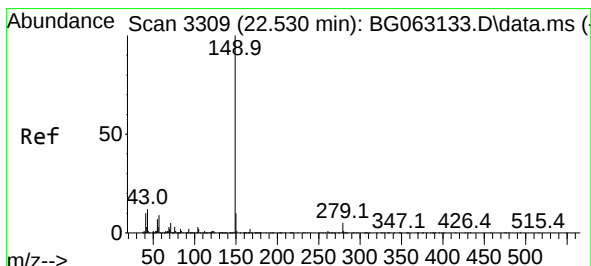
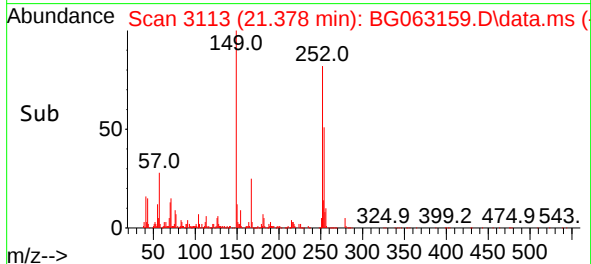
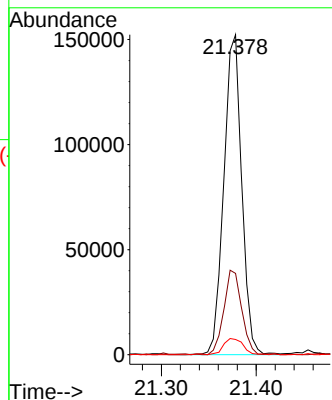
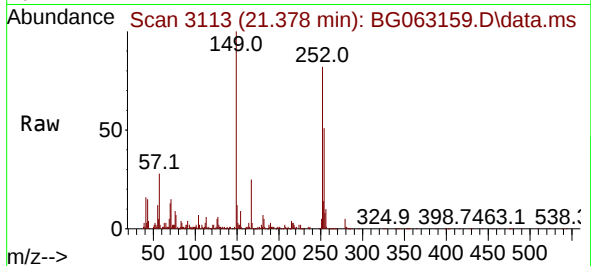




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.385 ng
 RT: 21.378 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BG063159.D
 Acq: 4 Nov 2024 17:33

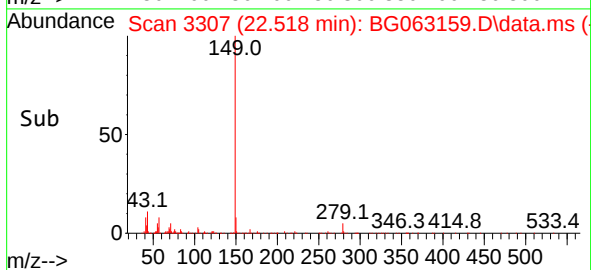
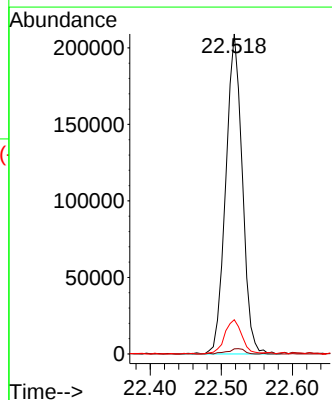
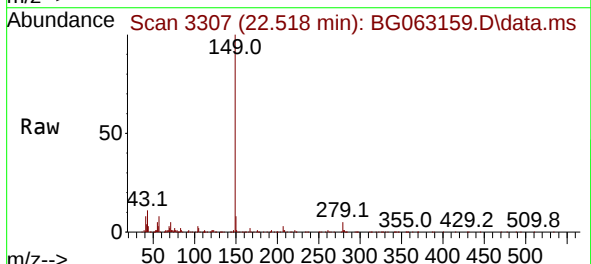
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

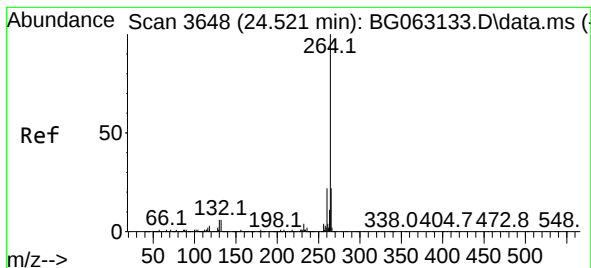
Tgt Ion:149 Resp: 200037
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.6 31.0
 279 4.8 4.3 6.5



#85
 Di-n-octyl phthalate
 Concen: 8.450 ng
 RT: 22.518 min Scan# 3307
 Delta R.T. -0.011 min
 Lab File: BG063159.D
 Acq: 4 Nov 2024 17:33

Tgt Ion:149 Resp: 337299
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.2 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.504 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

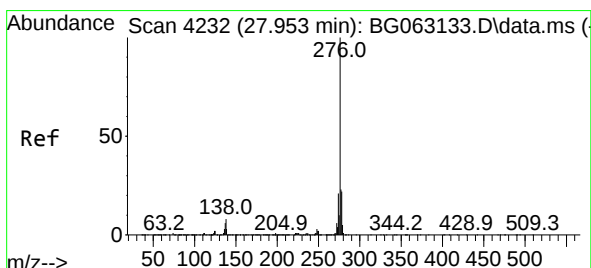
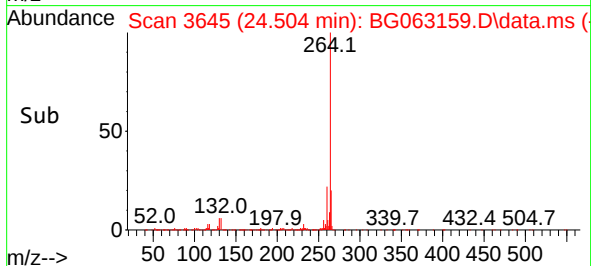
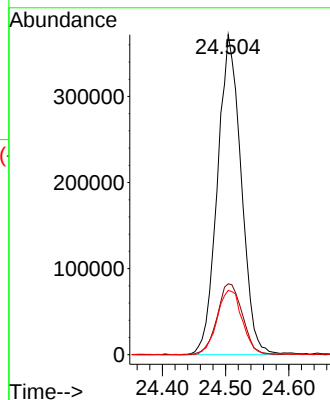
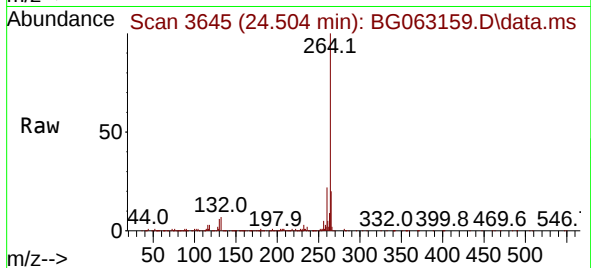
Tgt Ion:264 Resp: 968772

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.2

265 20.1 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.784 ng

RT: 27.912 min Scan# 4225

Delta R.T. -0.041 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

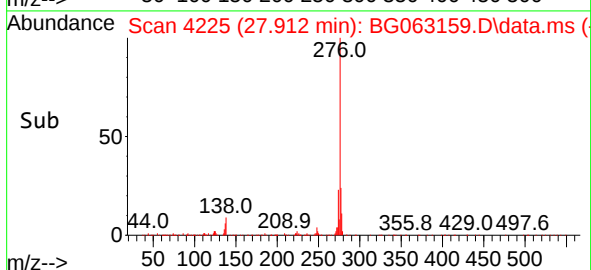
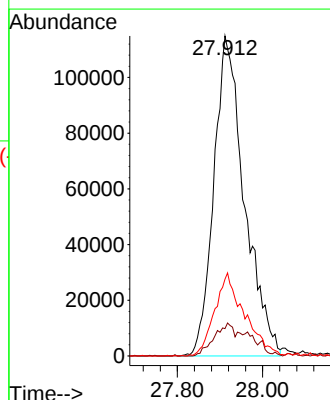
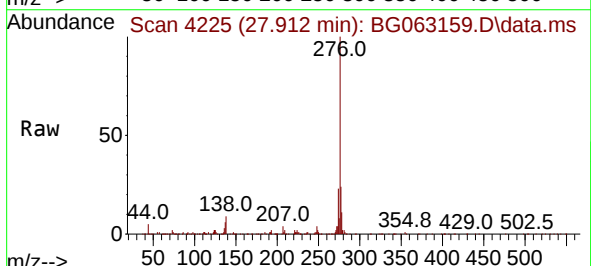
Tgt Ion:276 Resp: 571131

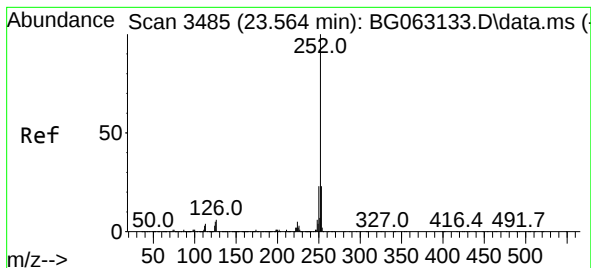
Ion Ratio Lower Upper

276 100

138 7.6 8.3 12.5#

277 25.3 19.8 29.8





#88

Benzo(b)fluoranthene

Concen: 8.182 ng

RT: 23.546 min Scan# 3482

Delta R.T. -0.017 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

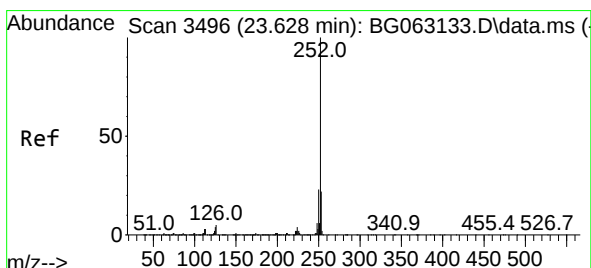
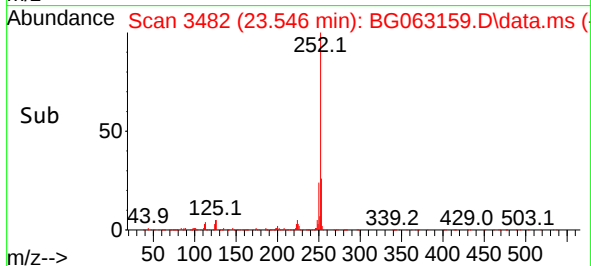
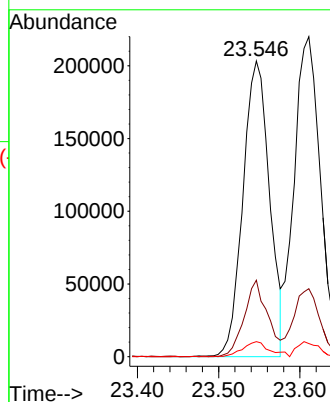
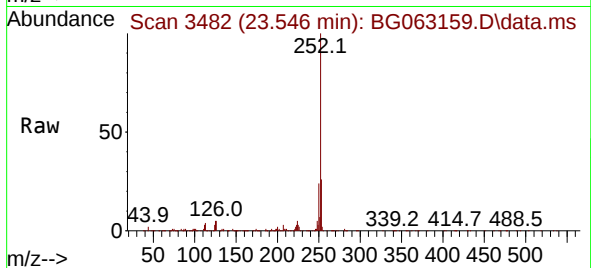
Tgt Ion:252 Resp: 462135

Ion Ratio Lower Upper

252 100

253 25.8 18.7 28.1

125 5.1 3.6 5.4



#89

Benzo(k)fluoranthene

Concen: 9.204 ng

RT: 23.611 min Scan# 3493

Delta R.T. -0.017 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

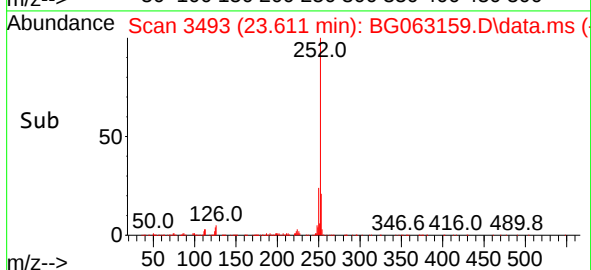
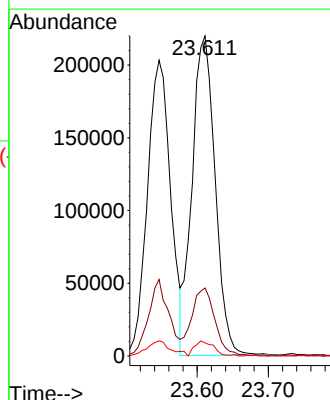
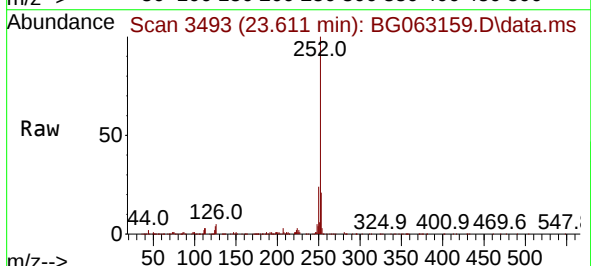
Tgt Ion:252 Resp: 495962

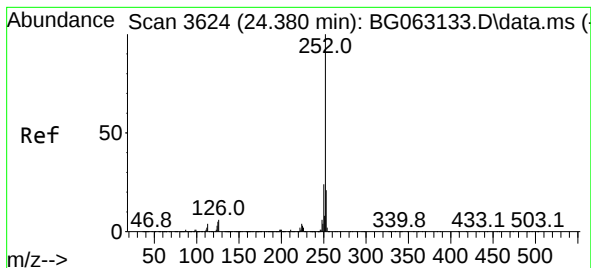
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 4.1 3.0 4.6





#90

Benzo(a)pyrene

Concen: 9.050 ng

RT: 24.363 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

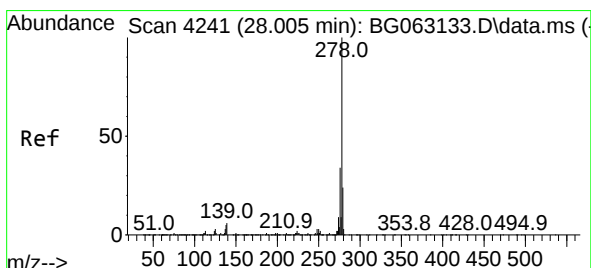
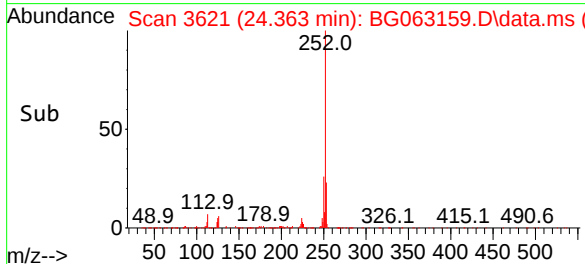
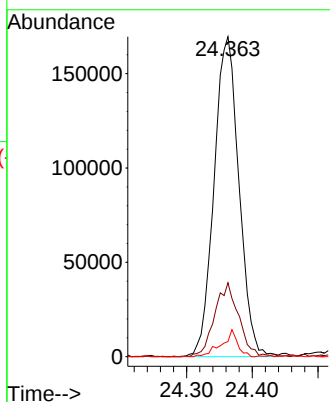
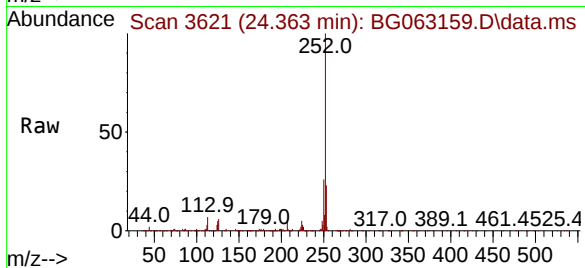
Tgt Ion:252 Resp: 446146

Ion Ratio Lower Upper

252 100

253 23.1 16.9 25.3

125 4.7 3.7 5.5



#91

Dibenzo(a,h)anthracene

Concen: 8.811 ng

RT: 27.971 min Scan# 4235

Delta R.T. -0.035 min

Lab File: BG063159.D

Acq: 4 Nov 2024 17:33

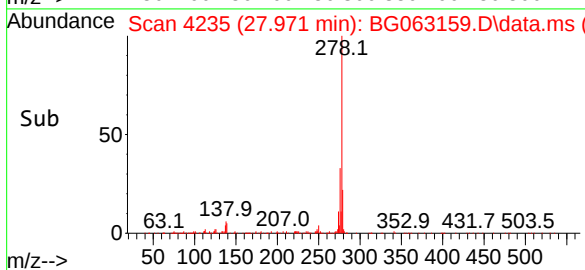
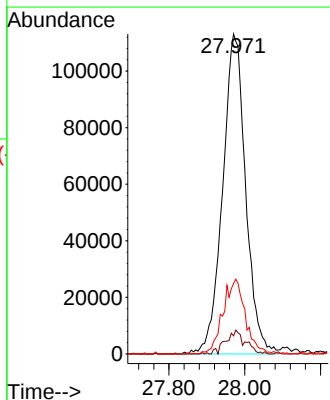
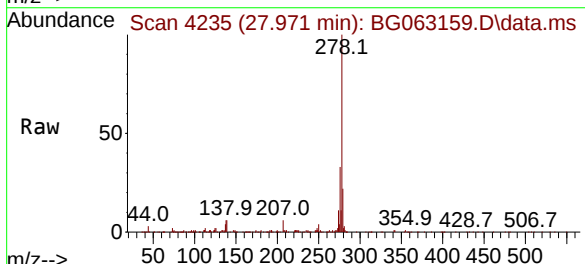
Tgt Ion:278 Resp: 478221

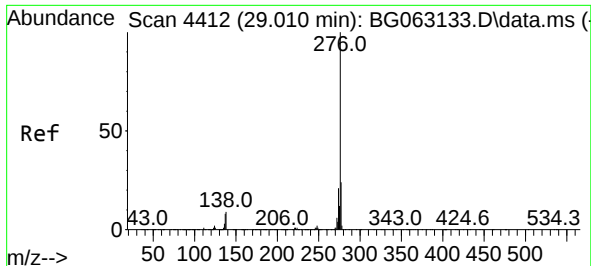
Ion Ratio Lower Upper

278 100

139 5.7 5.0 7.6

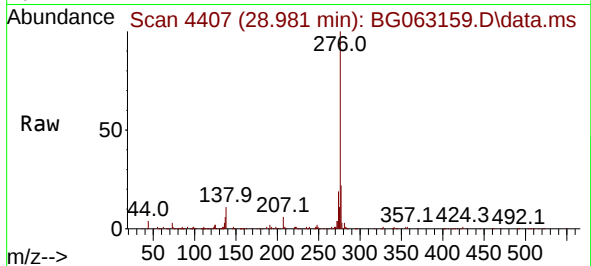
279 22.0 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 8.200 ng
 RT: 28.981 min Scan# 441
 Delta R.T. -0.029 min
 Lab File: BG063159.D
 Acq: 4 Nov 2024 17:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:276 Resp: 439884

Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.3	28.9
138	10.8	7.0	10.4

