

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062638.D
 Acq On : 4 Sep 2024 11:05
 Operator : MA/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-4ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Sep 04 11:51:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	59277	20.000	ng	0.00
21) Naphthalene-d8	10.717	136	252002	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	211850	20.000	ng	0.00
64) Phenanthrene-d10	17.291	188	579915	20.000	ng	0.00
76) Chrysene-d12	21.533	240	628132	20.000	ng	0.00
86) Perylene-d12	24.606	264	693377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	412373	120.249	ng	0.00
7) Phenol-d6	7.086	99	579028	116.878	ng	0.00
23) Nitrobenzene-d5	9.078	82	406836	86.946	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	409039	137.197	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	1093426	83.603	ng	0.00
79) Terphenyl-d14	19.906	244	2286952	72.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	6249	4.374	ng	98
3) Pyridine	3.807	79	14959	3.634	ng	91
4) n-Nitrosodimethylamine	3.719	42	7863	3.929	ng	# 92
6) Aniline	7.250	93	21079	4.554	ng	96
8) 2-Chlorophenol	7.491	128	13797	3.747	ng	85
9) Benzaldehyde	7.062	77	15434	5.356	ng	# 85
10) Phenol	7.115	94	18723	3.733	ng	94
11) bis(2-Chloroethyl)ether	7.344	93	14669	3.820	ng	93
12) 1,3-Dichlorobenzene	7.814	146	17144	4.243	ng	91
13) 1,4-Dichlorobenzene	7.961	146	16565	3.984	ng	95
14) 1,2-Dichlorobenzene	8.273	146	15655	3.830	ng	90
15) Benzyl Alcohol	8.155	79	13147	3.587	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.437	45	28005	3.827	ng	98
17) 2-Methylphenol	8.361	107	11706	3.348	ng	98
18) Hexachloroethane	9.007	117	5810	3.727	ng	96
19) n-Nitroso-di-n-propyla...	8.719	70	14051	3.599	ng	99
20) 3+4-Methylphenols	8.690	107	16708	3.240	ng	91
22) Acetophenone	8.737	105	26256	3.862	ng	# 95
24) Nitrobenzene	9.119	77	21562	4.334	ng	98
25) Isophorone	9.636	82	38992	3.796	ng	99
26) 2-Nitrophenol	9.830	139	6587	3.504	ng	97
27) 2,4-Dimethylphenol	9.894	122	13670m	4.963	ng	
28) bis(2-Chloroethoxy)met...	10.123	93	21325	3.878	ng	98
29) 2,4-Dichlorophenol	10.364	162	14137	3.671	ng	98
30) 1,2,4-Trichlorobenzene	10.576	180	17741	3.886	ng	96
31) Naphthalene	10.764	128	50762	4.064	ng	98
32) Benzoic acid	9.941	122	6773m	2.286	ng	
33) 4-Chloroaniline	10.870	127	19470	3.961	ng	95
34) Hexachlorobutadiene	11.052	225	12569	3.942	ng	92
35) Caprolactam	11.610	113	6046	4.072	ng	# 83
36) 4-Chloro-3-methylphenol	11.992	107	16855	3.628	ng	89
37) 2-Methylnaphthalene	12.374	142	39470	4.074	ng	98
38) 1-Methylnaphthalene	12.591	142	37698m	3.875	ng	
40) 1,2,4,5-Tetrachloroben...	12.738	216	27047	4.245	ng	99
41) Hexachlorocyclopentadiene	12.720	237	5737	3.156	ng	84
43) 2,4,6-Trichlorophenol	12.979	196	14047m	3.478	ng	

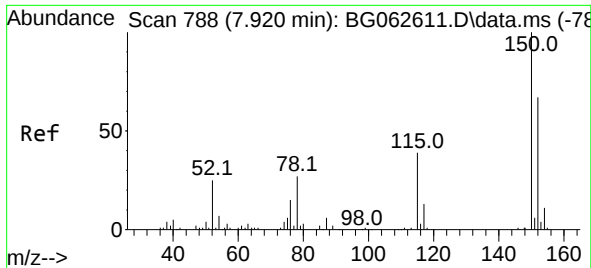
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.049	196	17320	3.787	ng	97
46) 1,1'-Biphenyl	13.378	154	59875	4.236	ng	97
47) 2-Chloronaphthalene	13.419	162	45727	3.992	ng	100
48) 2-Nitroaniline	13.619	65	11727	3.893	ng	93
49) Acenaphthylene	14.266	152	70533	4.158	ng	96
50) Dimethylphthalate	13.995	163	62992	4.066	ng	100
51) 2,6-Dinitrotoluene	14.113	165	10255	3.500	ng	96
52) Acenaphthene	14.612	154	42040	3.965	ng	92
53) 3-Nitroaniline	14.448	138	10721	3.781	ng	99
54) 2,4-Dinitrophenol	14.659	184	2918	1.775	ng	# 83
55) Dibenzofuran	14.941	168	75177	4.134	ng	98
56) 4-Nitrophenol	14.753	139	8430	3.508	ng	93
57) 2,4-Dinitrotoluene	14.900	165	13731	3.435	ng	# 96
58) Fluorene	15.593	166	59126	4.143	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.170	232	16772m	3.871	ng	
60) Diethylphthalate	15.364	149	60523	3.942	ng	98
61) 4-Chlorophenyl-phenyle...	15.588	204	34580	4.221	ng	94
62) 4-Nitroaniline	15.605	138	11365	3.635	ng	93
63) Azobenzene	15.881	77	56972	3.952	ng	95
65) 4,6-Dinitro-2-methylph...	15.664	198	6890	2.662	ng	97
66) n-Nitrosodiphenylamine	15.799	169	52236	3.747	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	23105	3.860	ng	93
68) Hexachlorobenzene	16.598	284	29096	4.105	ng	94
69) Atrazine	16.745	200	23845	5.035	ng	97
70) Pentachlorophenol	16.939	266	11199	2.467	ng	94
71) Phenanthrene	17.333	178	117436	4.339	ng	97
72) Anthracene	17.421	178	106564	4.004	ng	99
73) Carbazole	17.691	167	95923	3.921	ng	99
74) Di-n-butylphthalate	18.255	149	101792	3.689	ng	99
75) Fluoranthene	19.342	202	139866	4.086	ng	99
77) Benzidine	19.524	184	41686	3.682	ng	98
78) Pyrene	19.706	202	151648	3.798	ng	98
80) Butylbenzylphthalate	20.599	149	38150	3.253	ng	99
81) Benzo(a)anthracene	21.516	228	160380	4.048	ng	99
82) 3,3'-Dichlorobenzidine	21.434	252	50047	3.878	ng	97
83) Chrysene	21.581	228	153123	4.035	ng	99
84) Bis(2-ethylhexyl)phtha...	21.434	149	60490	3.395	ng	# 95
85) Di-n-octyl phthalate	22.597	149	101429	3.251	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.055	276	175504	3.947	ng	# 89
88) Benzo(b)fluoranthene	23.631	252	149797	3.911	ng	98
89) Benzo(k)fluoranthene	23.696	252	148782	3.971	ng	97
90) Benzo(a)pyrene	24.454	252	133822	3.955	ng	# 97
91) Dibenzo(a,h)anthracene	28.120	278	141119	3.853	ng	# 92
92) Benzo(g,h,i)perylene	29.136	276	136091	3.685	ng	99

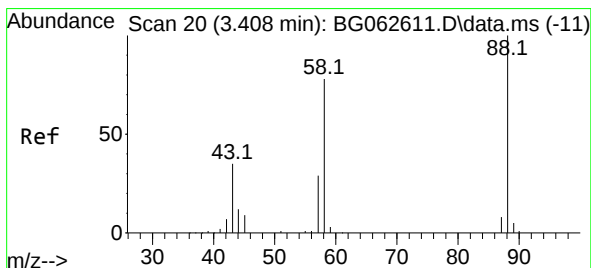
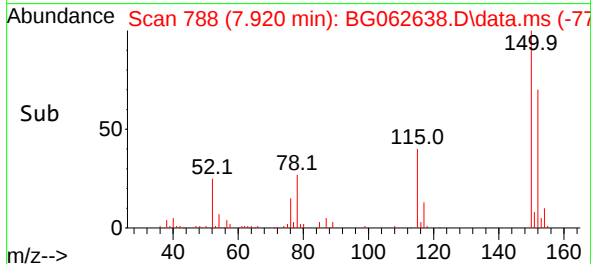
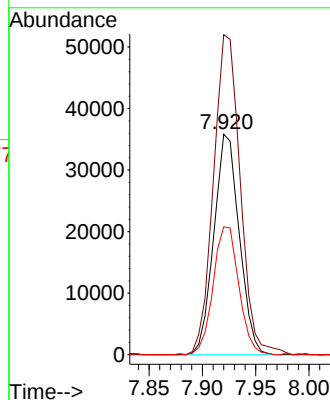
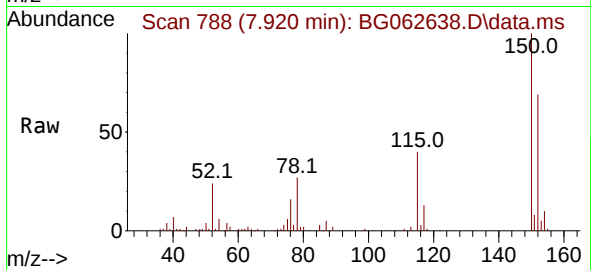
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

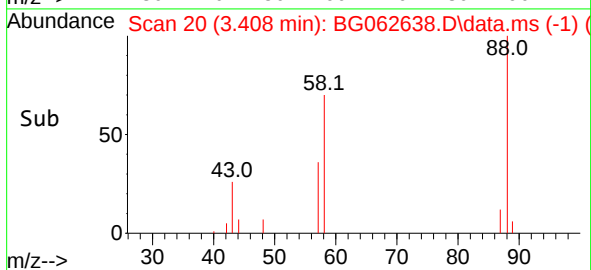
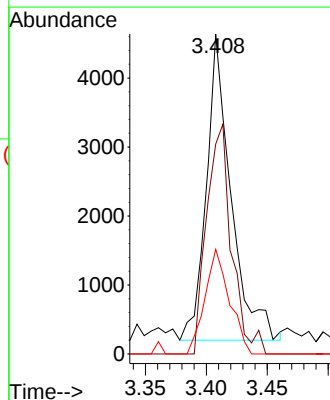
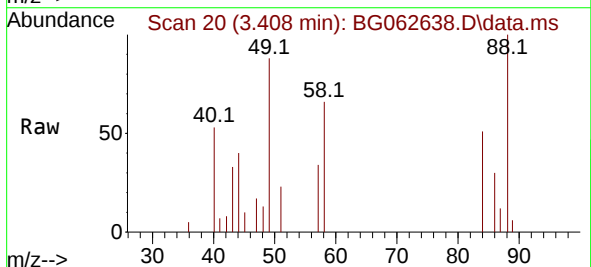
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

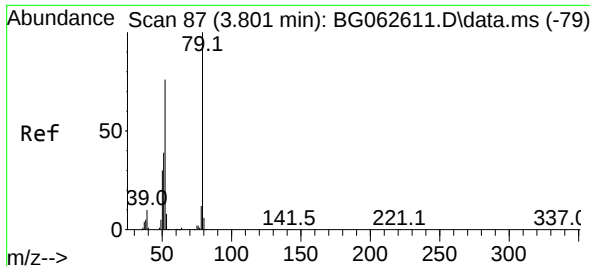
Tgt Ion:152 Resp: 59277
Ion Ratio Lower Upper
152 100
150 145.1 119.9 179.9
115 58.0 46.6 69.8



#2
1,4-Dioxane
Concen: 4.374 ng
RT: 3.408 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 88 Resp: 6249
Ion Ratio Lower Upper
88 100
58 75.6 62.3 93.5
43 33.9 27.5 41.3

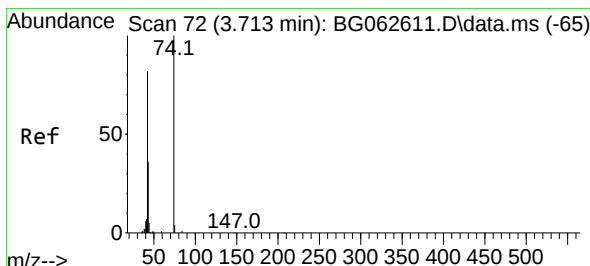
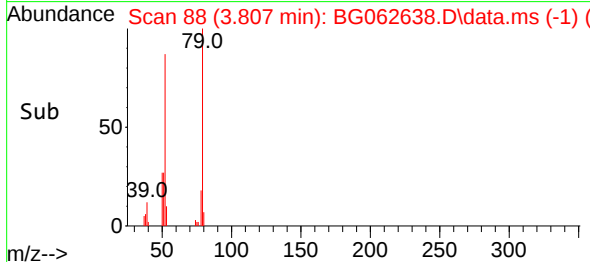
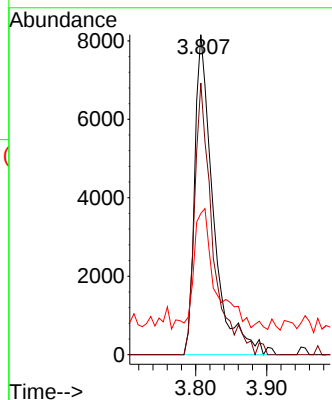
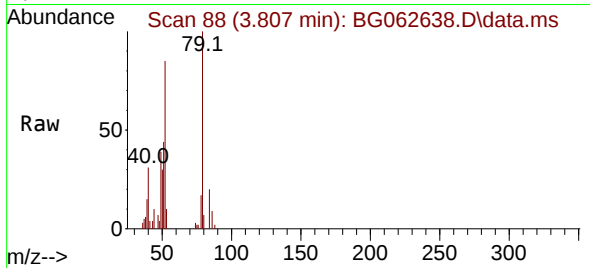




#3
 Pyridine
 Concen: 3.634 ng
 RT: 3.807 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BG062638.D
 Acq: 4 Sep 2024 11:05

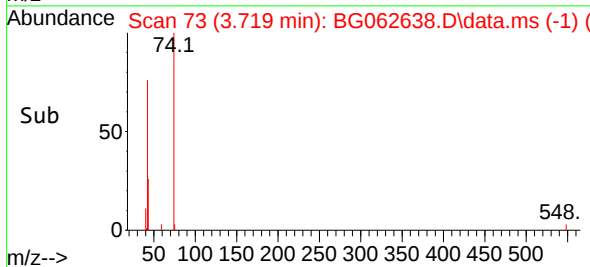
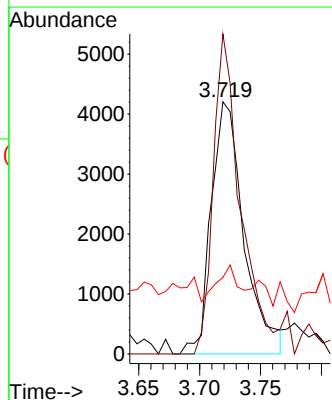
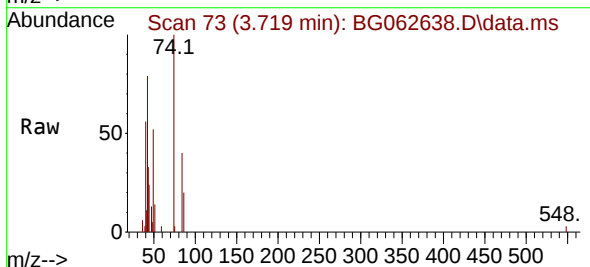
Instrument :
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 ClientSampleId :
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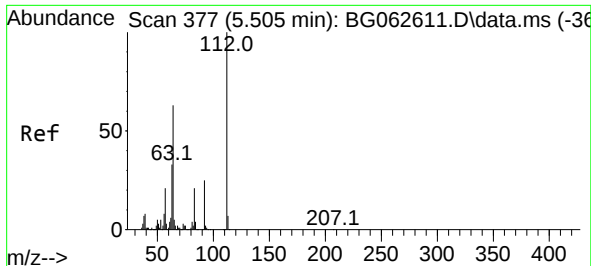
Tgt Ion: 79 Resp: 14959
 Ion Ratio Lower Upper
 79 100
 52 84.9 60.9 91.3
 51 44.1 31.5 47.3



#4
 n-Nitrosodimethylamine
 Concen: 3.929 ng
 RT: 3.719 min Scan# 73
 Delta R.T. 0.006 min
 Lab File: BG062638.D
 Acq: 4 Sep 2024 11:05

Tgt Ion: 42 Resp: 7863
 Ion Ratio Lower Upper
 42 100
 74 126.9 98.0 147.0
 44 30.3 7.4 11.2

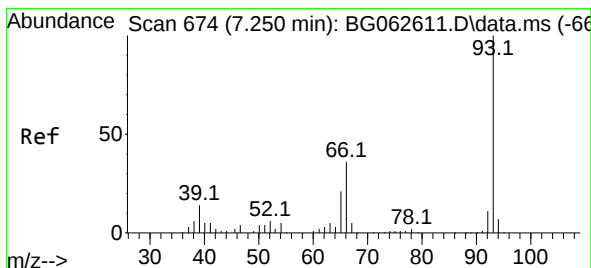
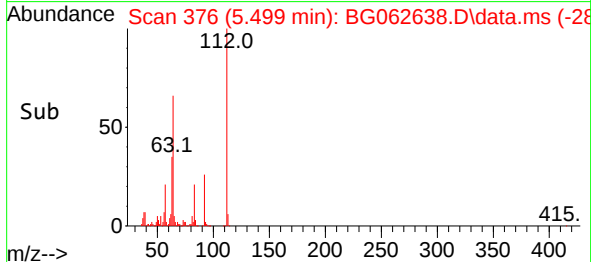
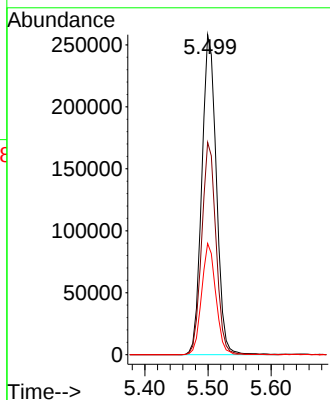
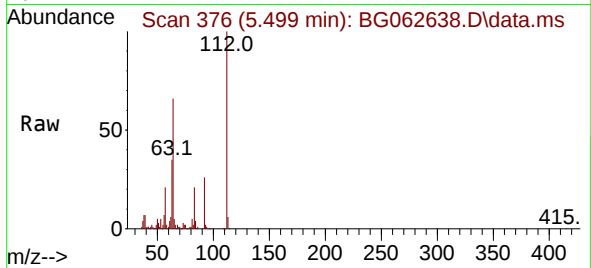




#5
2-Fluorophenol
Concen: 120.249 ng
RT: 5.499 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

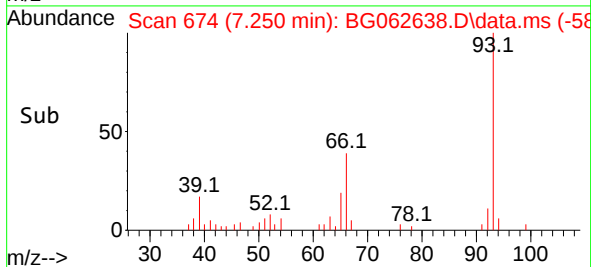
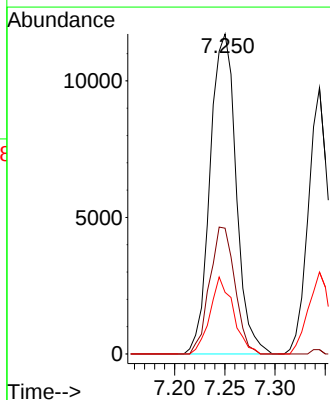
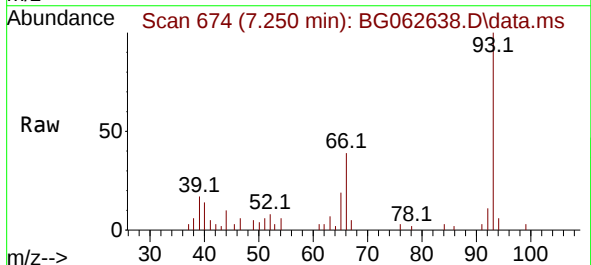
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

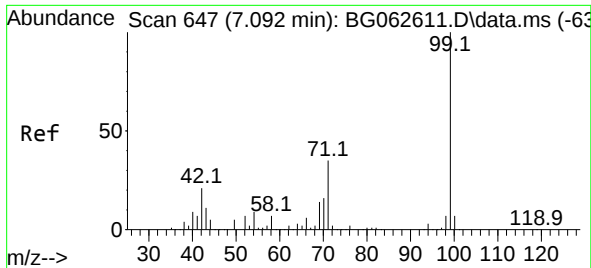
Tgt Ion:112 Resp: 412373
Ion Ratio Lower Upper
112 100
64 66.4 50.2 75.2
63 34.7 26.6 39.8



#6
Aniline
Concen: 4.554 ng
RT: 7.250 min Scan# 674
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 93 Resp: 21079
Ion Ratio Lower Upper
93 100
66 39.3 29.1 43.7
65 19.2 16.6 25.0

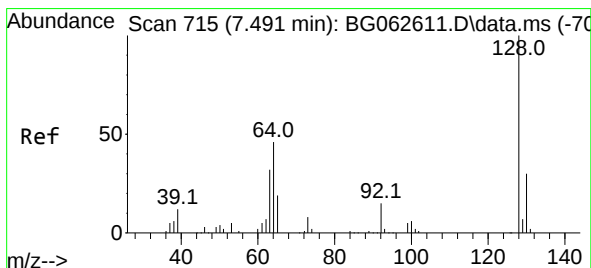
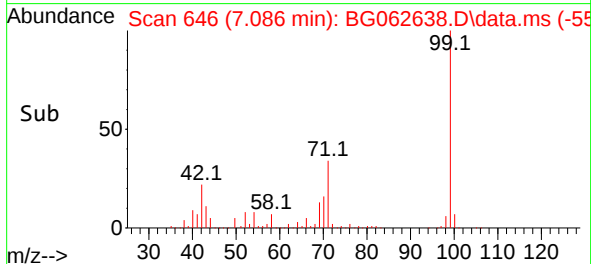
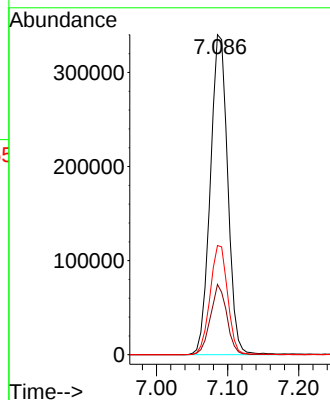
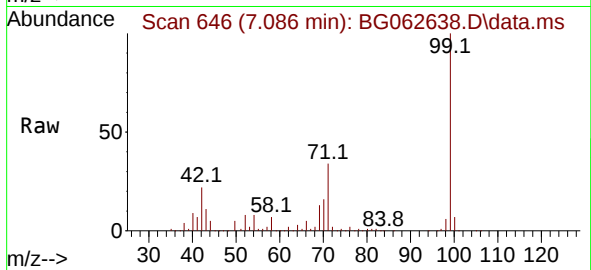




#7
Phenol-d6
Concen: 116.878 ng
RT: 7.086 min Scan# 647
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

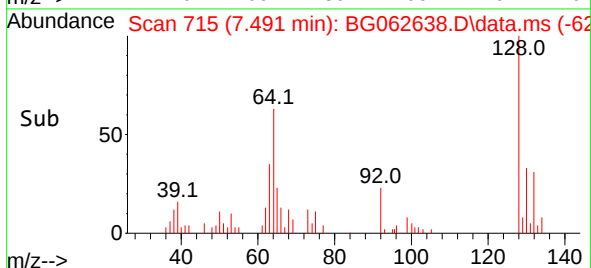
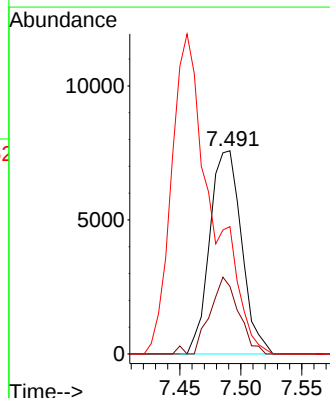
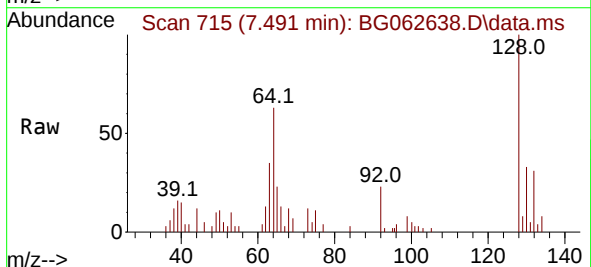
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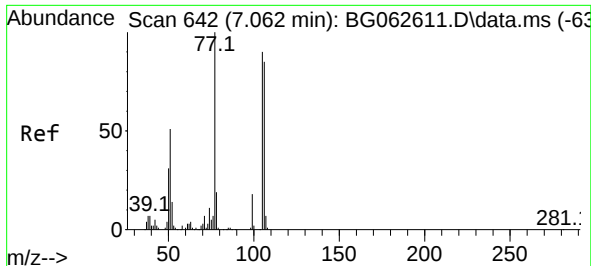
Tgt Ion: 99 Resp: 579028
Ion Ratio Lower Upper
99 100
42 21.9 16.9 25.3
71 34.1 27.9 41.9



#8
2-Chlorophenol
Concen: 3.747 ng
RT: 7.491 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:128 Resp: 13797
Ion Ratio Lower Upper
128 100
130 33.2 10.0 50.0
64 62.7 28.8 68.8

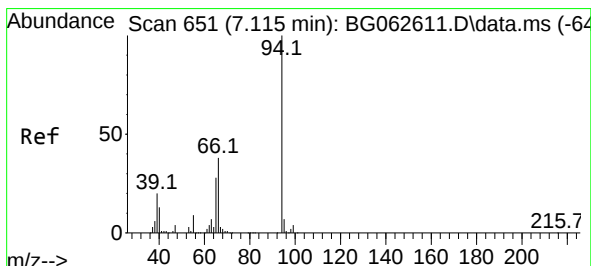
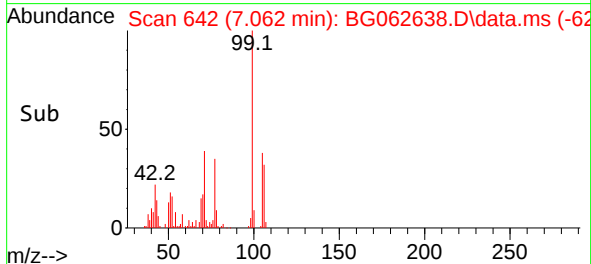
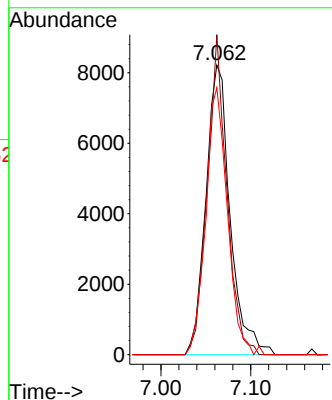
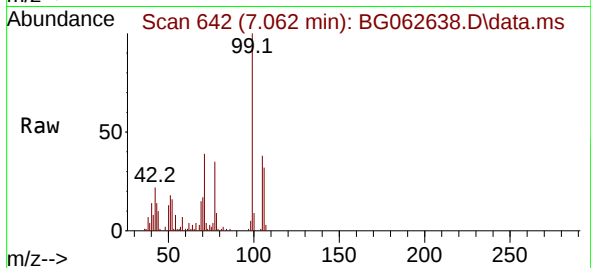




#9
Benzaldehyde
Concen: 5.356 ng
RT: 7.062 min Scan# 642
Delta R.T. 0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

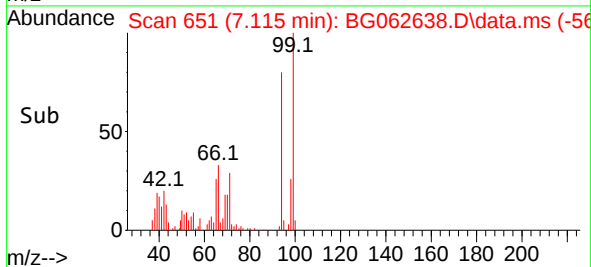
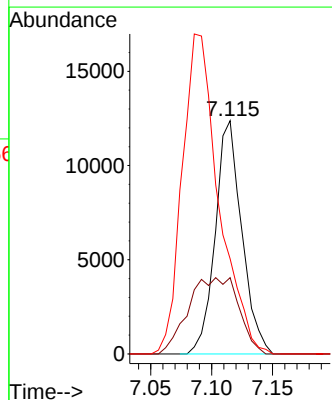
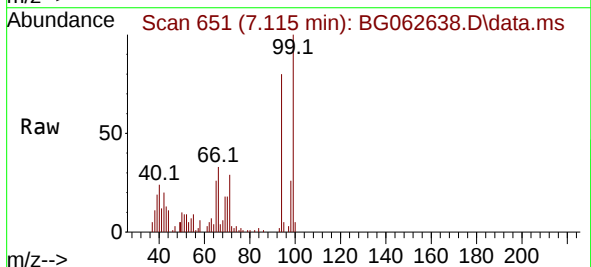
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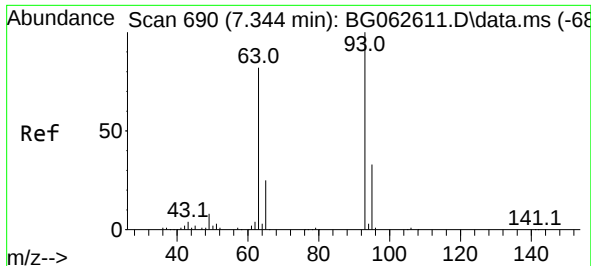
Tgt Ion: 77 Resp: 15434
Ion Ratio Lower Upper
77 100
105 110.5 70.2 110.2#
106 92.2 65.4 105.4



#10
Phenol
Concen: 3.733 ng
RT: 7.115 min Scan# 651
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 94 Resp: 18723
Ion Ratio Lower Upper
94 100
65 32.7 8.6 48.6
66 40.8 18.2 58.2

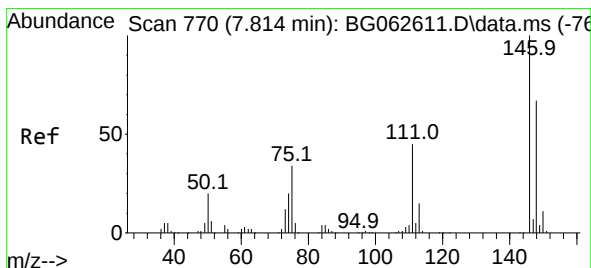
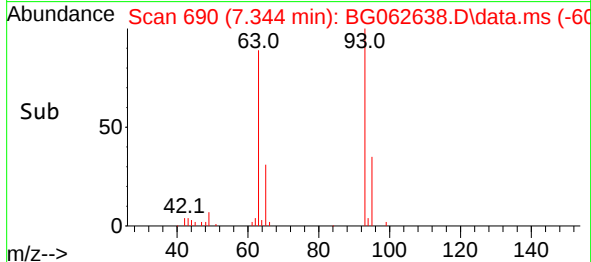
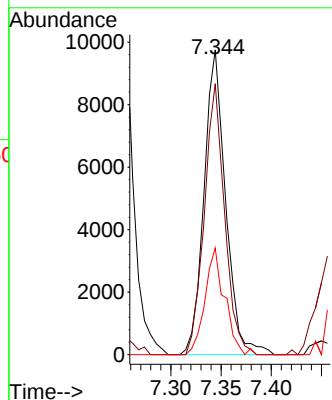
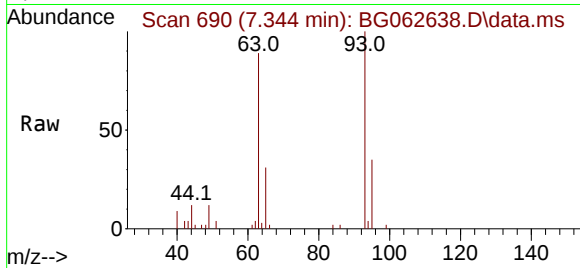




#11
bis(2-Chloroethyl)ether
Concen: 3.820 ng
RT: 7.344 min Scan# 690
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

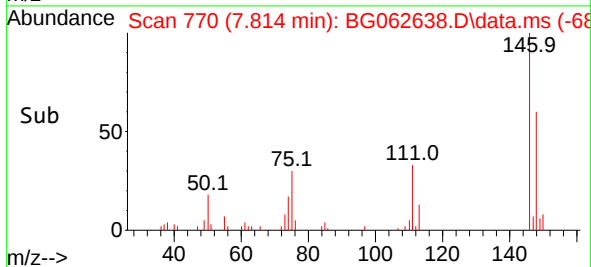
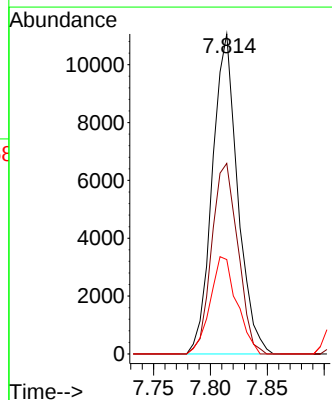
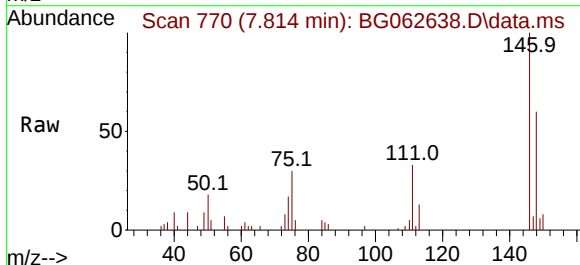
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

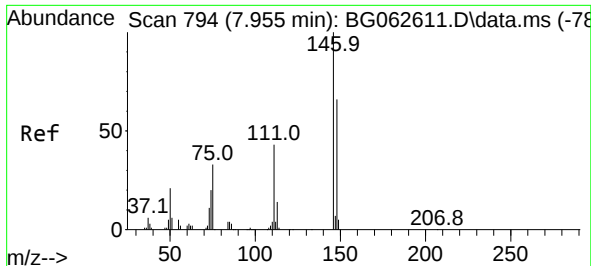
Tgt Ion:	93	Resp:	14669
Ion	Ratio	Lower	Upper
93	100		
63	88.9	61.9	101.9
95	35.0	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 4.243 ng
RT: 7.814 min Scan# 770
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:	146	Resp:	17144
Ion	Ratio	Lower	Upper
146	100		
148	59.5	53.9	80.9
75	29.5	27.0	40.4

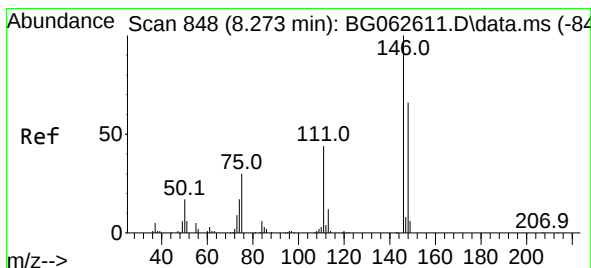
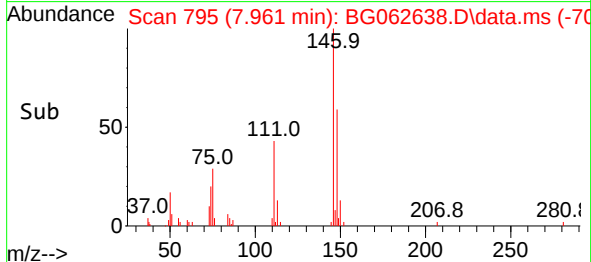
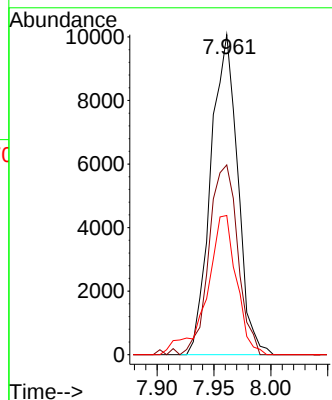
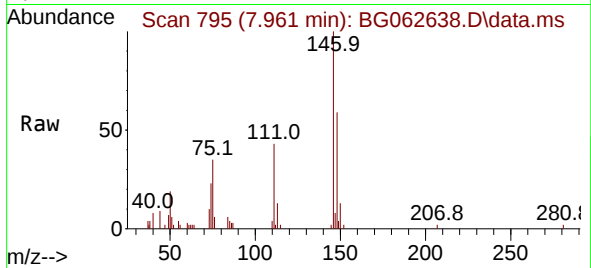




#13
1,4-Dichlorobenzene
Concen: 3.984 ng
RT: 7.961 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

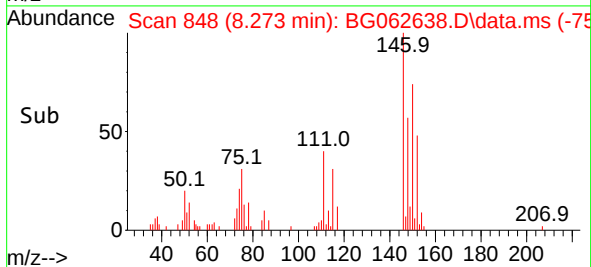
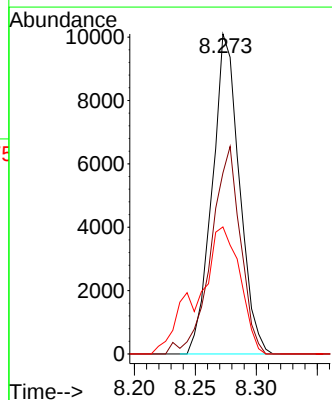
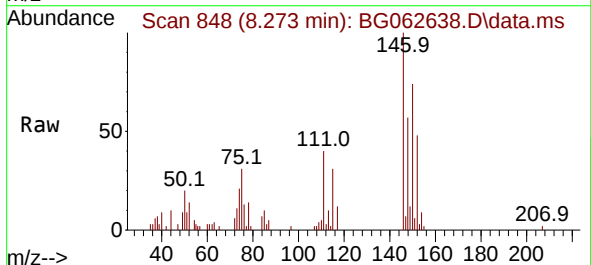
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

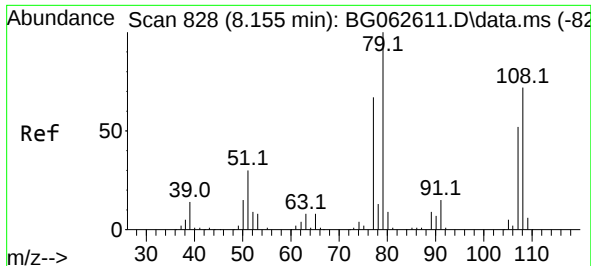
Tgt Ion:146 Resp: 16565
Ion Ratio Lower Upper
146 100
148 59.3 53.0 79.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 3.830 ng
RT: 8.273 min Scan# 848
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:146 Resp: 15655
Ion Ratio Lower Upper
146 100
148 56.6 52.5 78.7
111 39.7 35.5 53.3

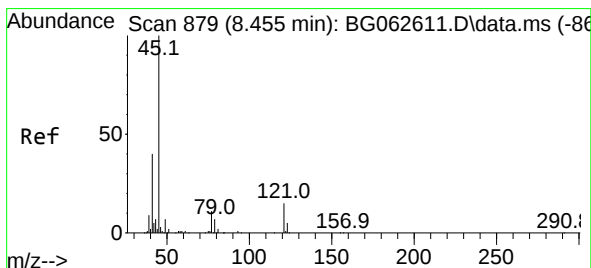
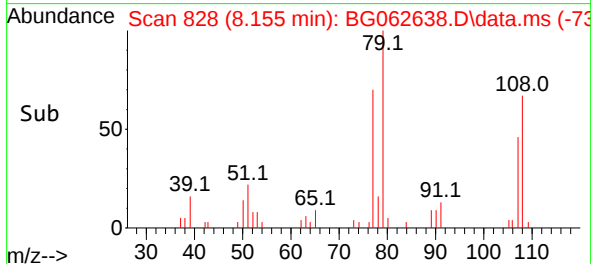
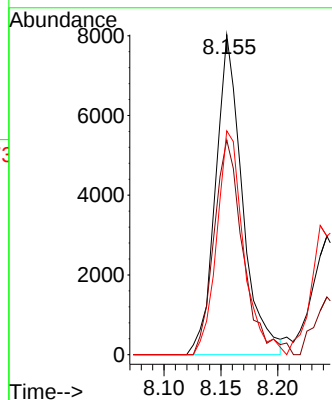
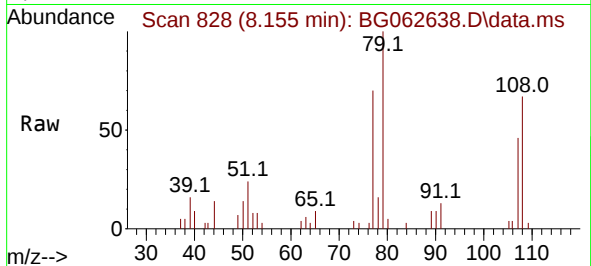




#15
Benzyl Alcohol
Concen: 3.587 ng
RT: 8.155 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

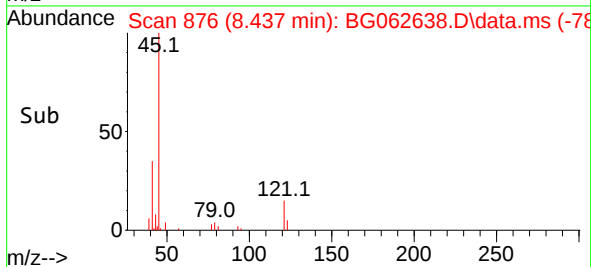
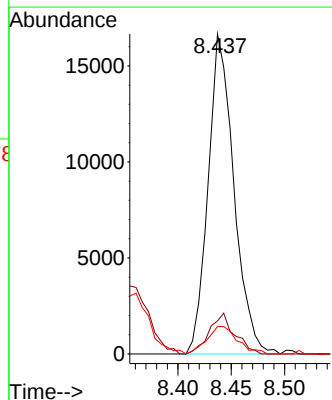
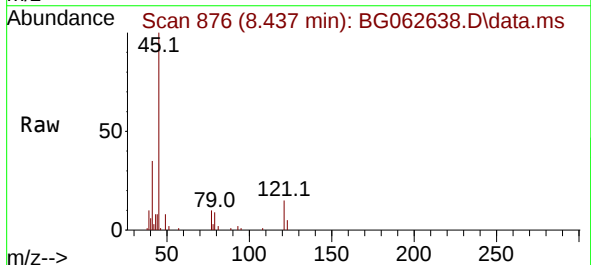
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

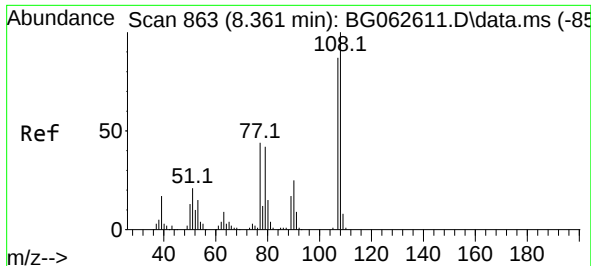
Tgt Ion: 79 Resp: 13147
Ion Ratio Lower Upper
79 100
108 67.1 57.9 86.9
77 70.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.827 ng
RT: 8.437 min Scan# 876
Delta R.T. -0.018 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 45 Resp: 28005
Ion Ratio Lower Upper
45 100
77 10.3 0.0 31.7
79 8.6 0.0 28.3





#17

2-Methylphenol

Concen: 3.348 ng

RT: 8.361 min Scan# 863

Delta R.T. -0.000 min

Lab File: BG062638.D

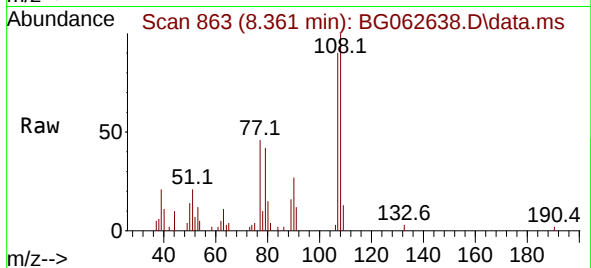
Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:107 Resp: 11706

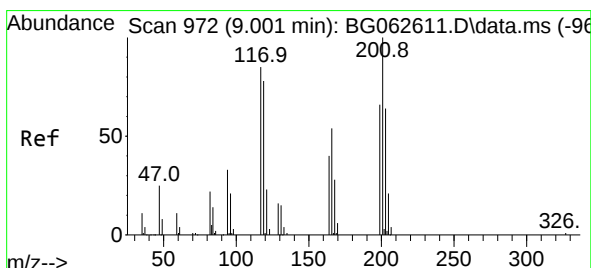
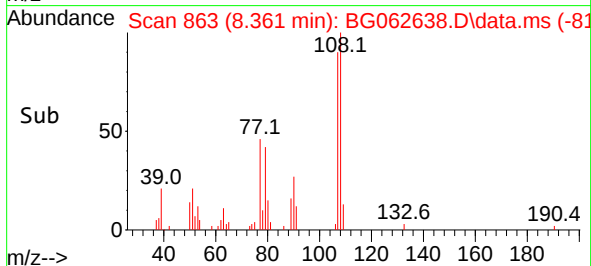
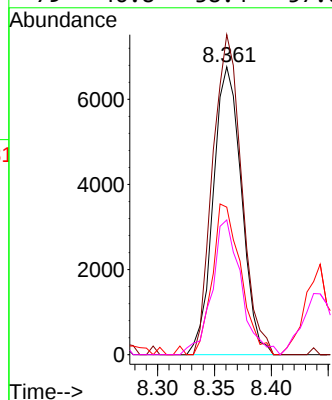
Ion Ratio Lower Upper

107 100

108 111.1 91.5 137.3

77 51.2 40.0 60.0

79 46.8 38.4 57.6



#18

Hexachloroethane

Concen: 3.727 ng

RT: 9.007 min Scan# 973

Delta R.T. 0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

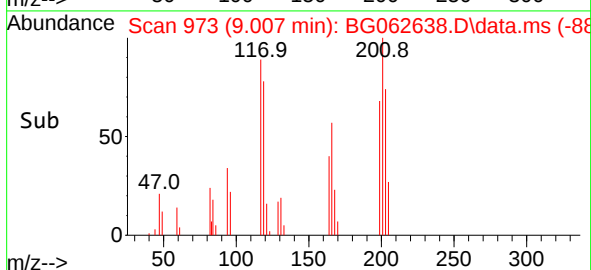
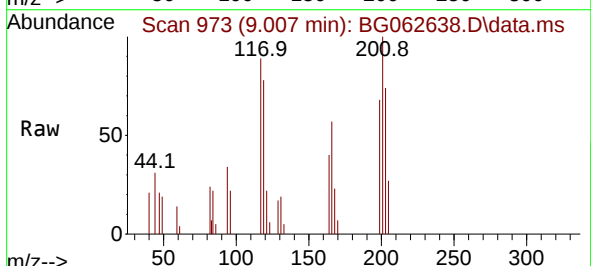
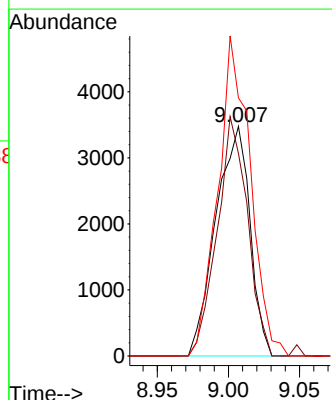
Tgt Ion:117 Resp: 5810

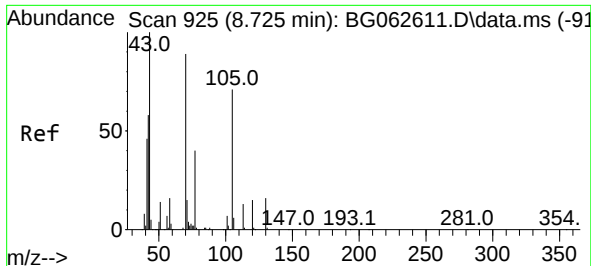
Ion Ratio Lower Upper

117 100

119 88.2 73.4 110.0

201 112.4 93.9 140.9

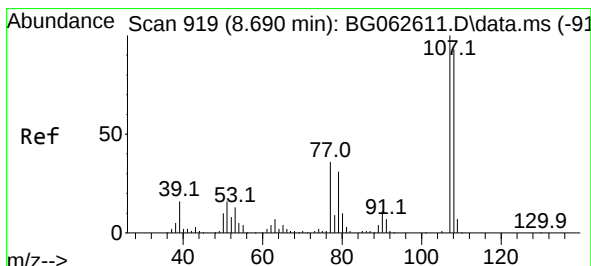
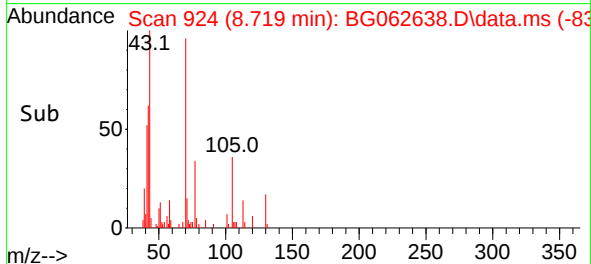
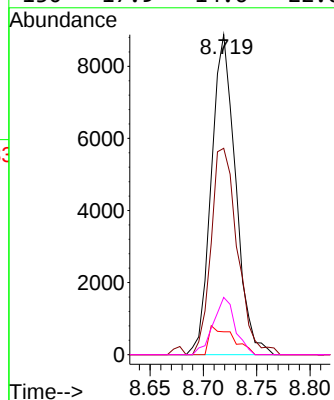
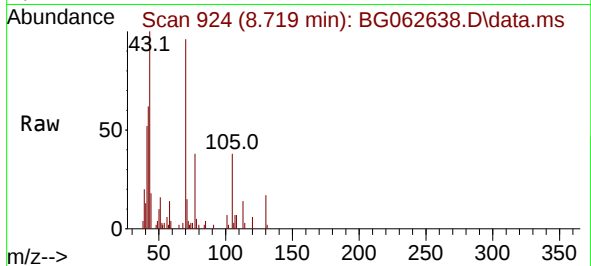




#19
n-Nitroso-di-n-propylamine
Concen: 3.599 ng
RT: 8.719 min Scan# 919
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

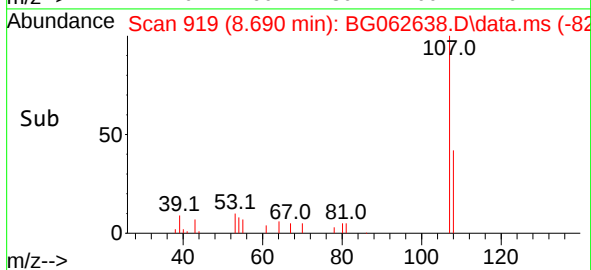
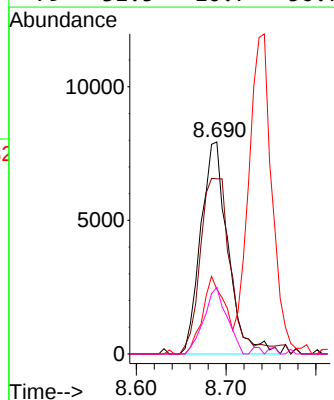
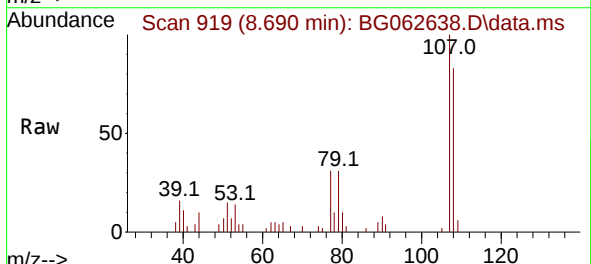
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

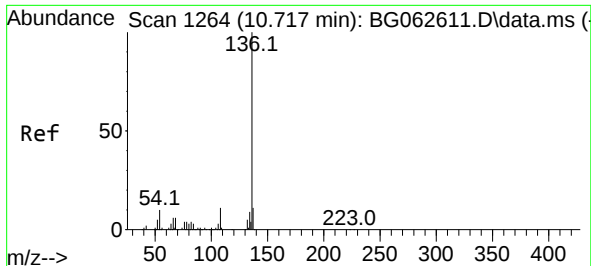
Tgt Ion:	70	Resp:	14051
Ion	Ratio	Lower	Upper
70	100		
42	64.5	52.3	78.5
101	7.1	6.6	9.8
130	17.9	14.6	22.0



#20
3+4-Methylphenols
Concen: 3.240 ng
RT: 8.690 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:	107	Resp:	16708
Ion	Ratio	Lower	Upper
107	100		
108	82.7	72.7	112.7
77	30.5	16.5	56.5
79	31.5	10.7	50.7

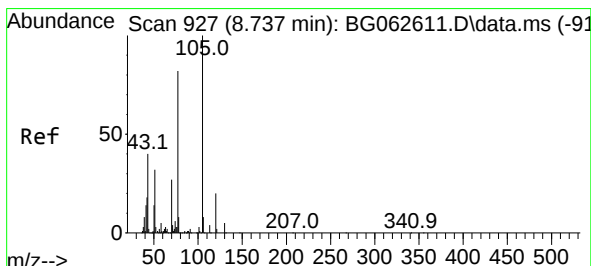
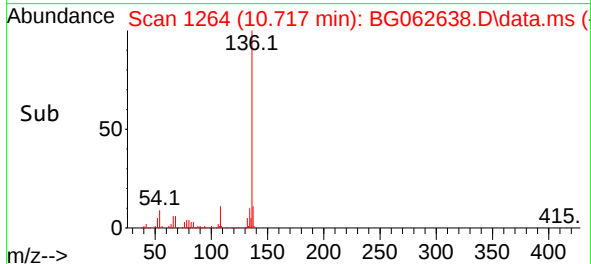
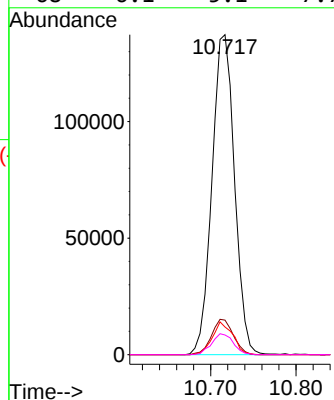
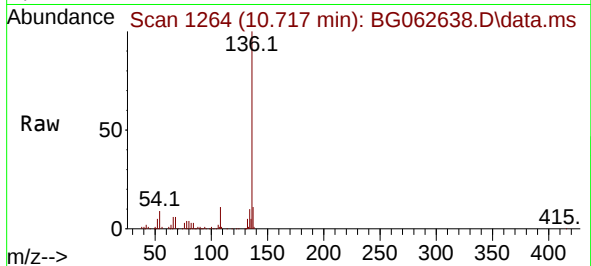




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.717 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

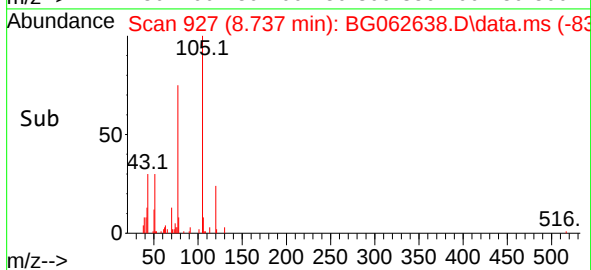
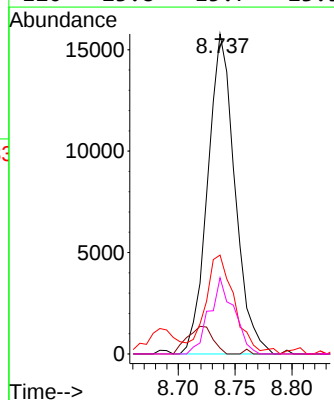
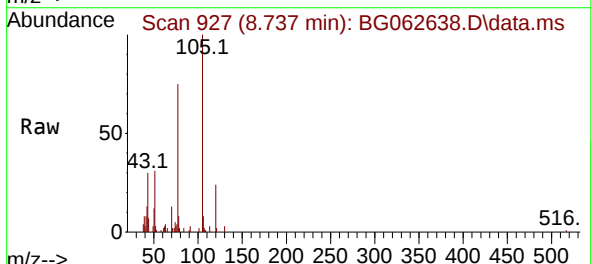
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

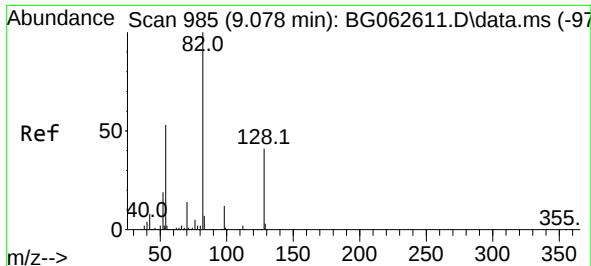
Tgt Ion:	136	Resp:	252002
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	8.6	7.8	11.6
68	6.1	5.1	7.7



#22
Acetophenone
Concen: 3.862 ng
RT: 8.737 min Scan# 927
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:	105	Resp:	26256
Ion Ratio	Lower	Upper	
105	100		
71	1.9	3.5	5.3#
51	30.9	25.7	38.5
120	23.8	15.7	23.5#

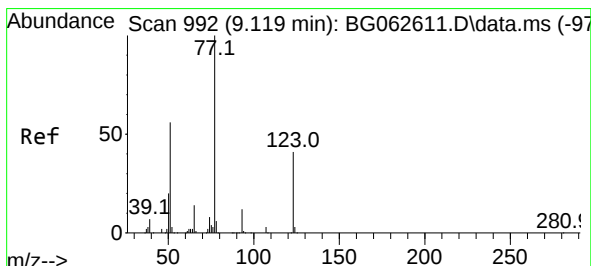
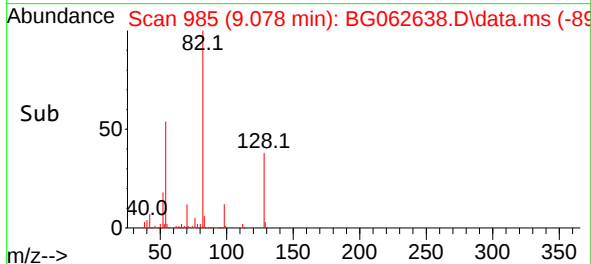
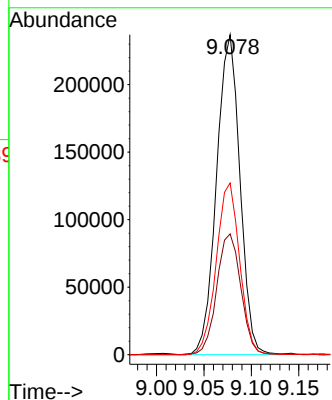
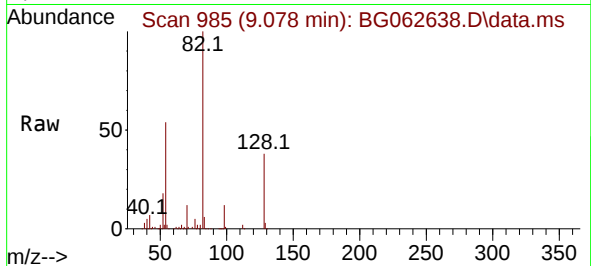




#23
Nitrobenzene-d5
Concen: 86.946 ng
RT: 9.078 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

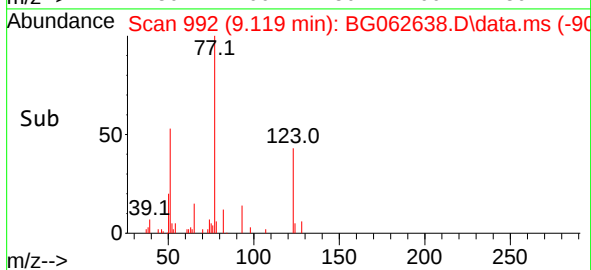
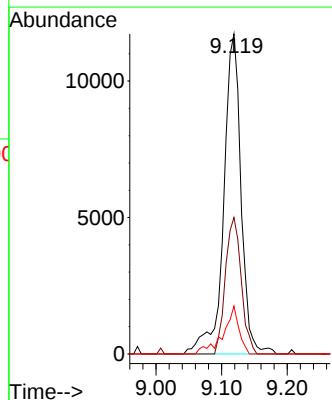
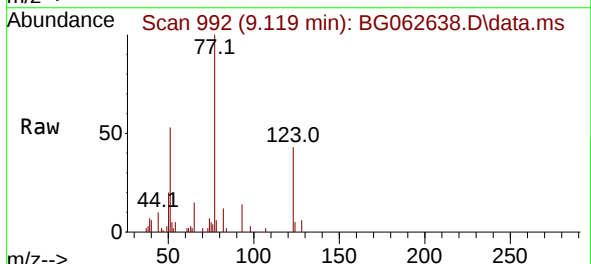
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

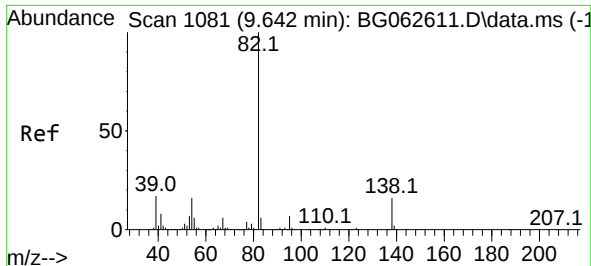
Tgt Ion: 82 Resp: 406836
Ion Ratio Lower Upper
82 100
128 37.7 32.5 48.7
54 53.7 42.5 63.7



#24
Nitrobenzene
Concen: 4.334 ng
RT: 9.119 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 77 Resp: 21562
Ion Ratio Lower Upper
77 100
123 42.7 33.1 49.7
65 15.0 11.0 16.4

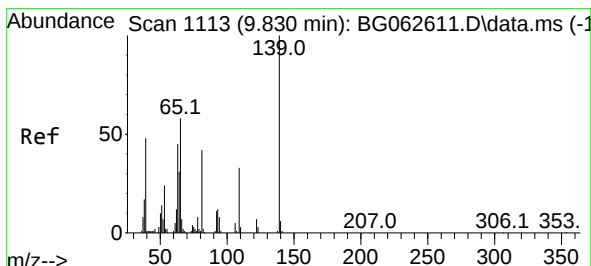
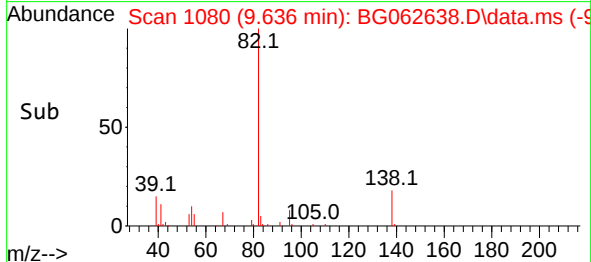
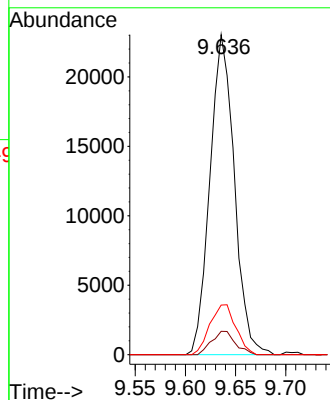
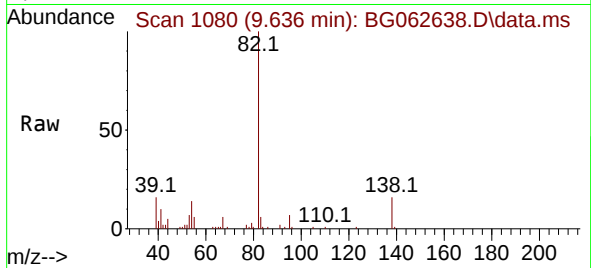




#25
Isophorone
Concen: 3.796 ng
RT: 9.636 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

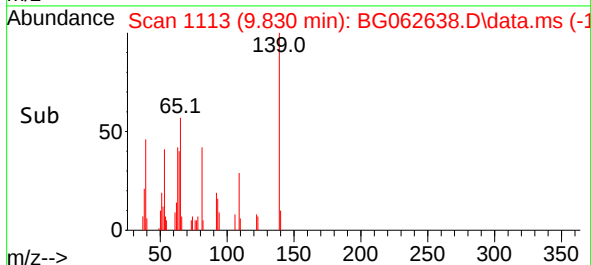
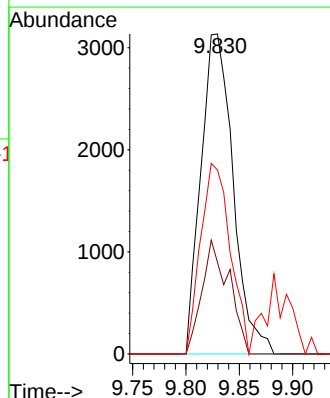
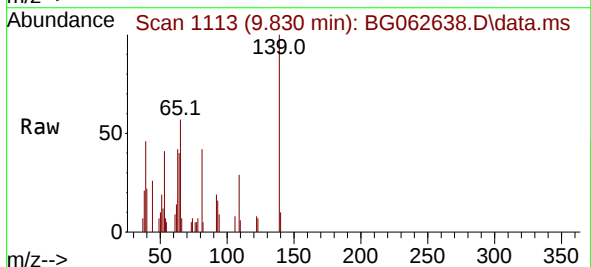
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

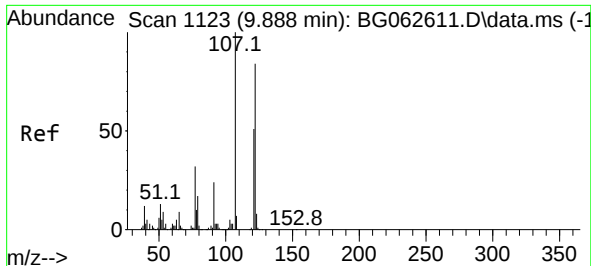
Tgt Ion: 82 Resp: 38992
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 15.5 12.6 18.8



#26
2-Nitrophenol
Concen: 3.504 ng
RT: 9.830 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:139 Resp: 6587
Ion Ratio Lower Upper
139 100
109 28.6 26.6 39.8
65 57.5 46.5 69.7

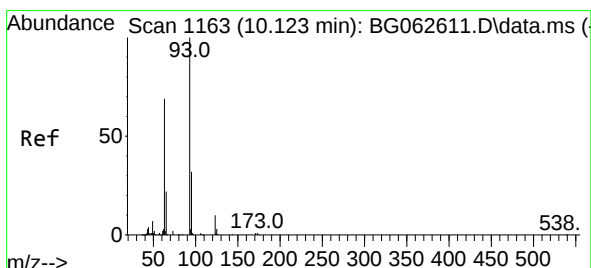
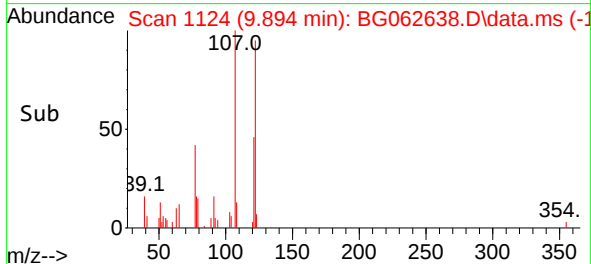
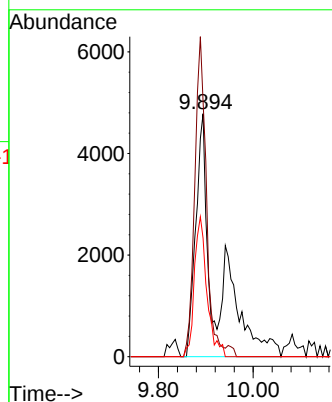
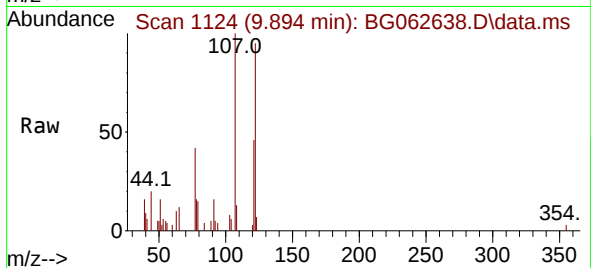




#27
2,4-Dimethylphenol
Concen: 4.963 ng m
RT: 9.894 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

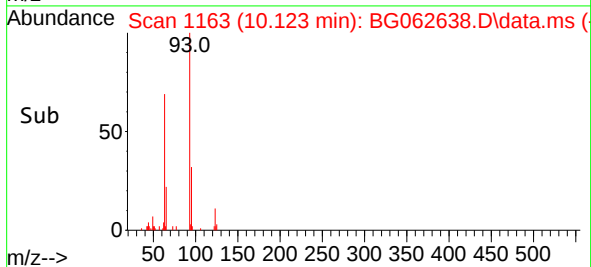
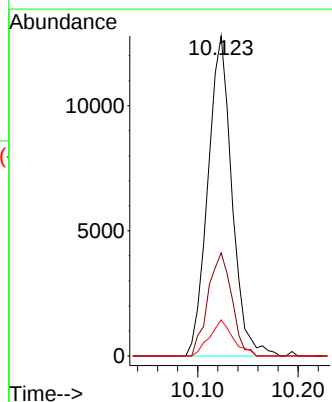
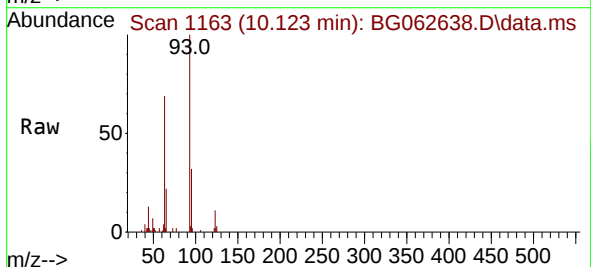
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

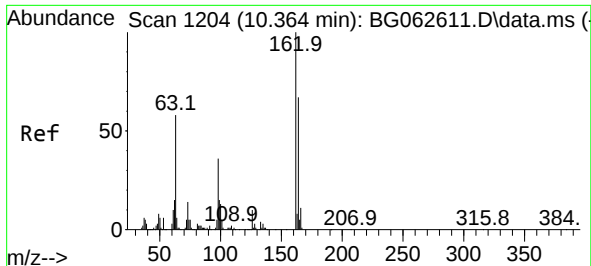
Tgt Ion:122 Resp: 13670
Ion Ratio Lower Upper
122 100
107 105.0 95.8 143.6
121 48.7 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 3.878 ng
RT: 10.123 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion: 93 Resp: 21325
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.0
123 11.3 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 3.671 ng

RT: 10.364 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG062638.D

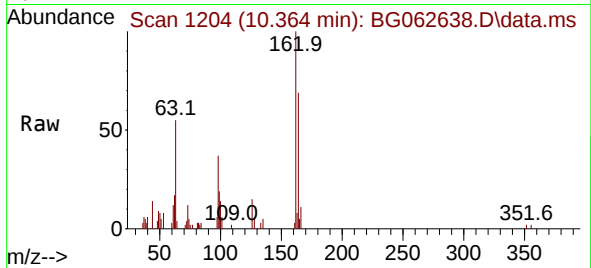
Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



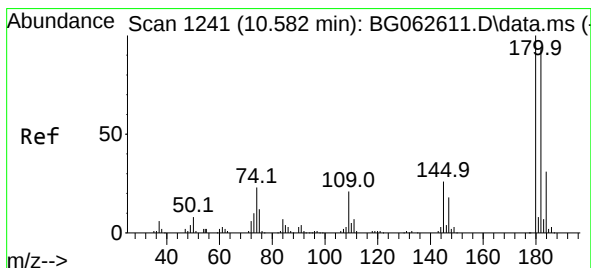
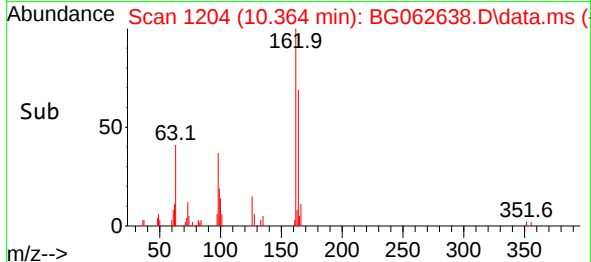
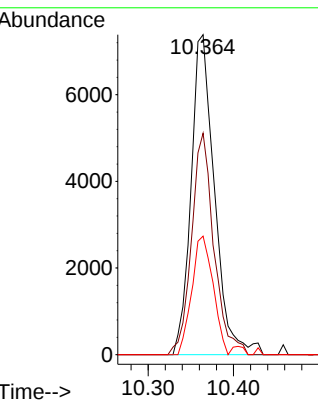
Tgt Ion:162 Resp: 14137

Ion Ratio Lower Upper

162 100

164 69.2 46.8 86.8

98 37.0 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 3.886 ng

RT: 10.576 min Scan# 1240

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

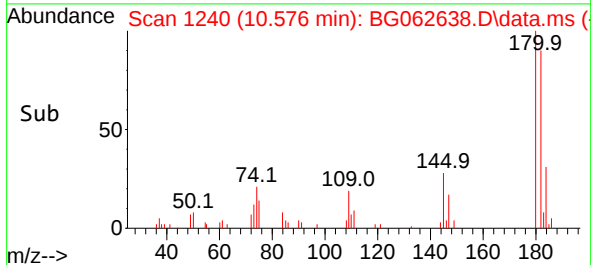
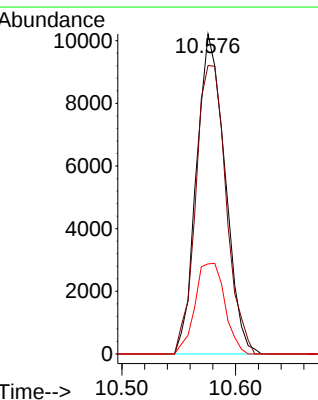
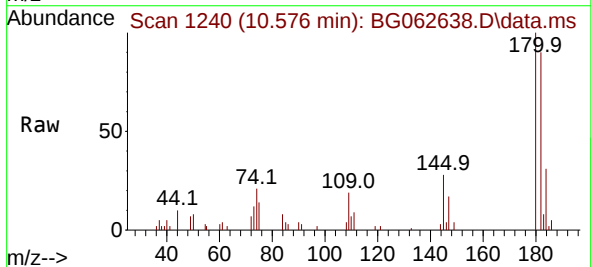
Tgt Ion:180 Resp: 17741

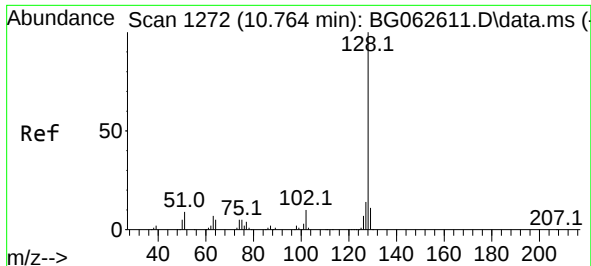
Ion Ratio Lower Upper

180 100

182 90.1 75.1 112.7

145 28.1 20.8 31.2

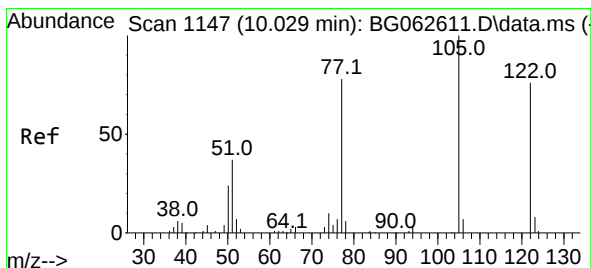
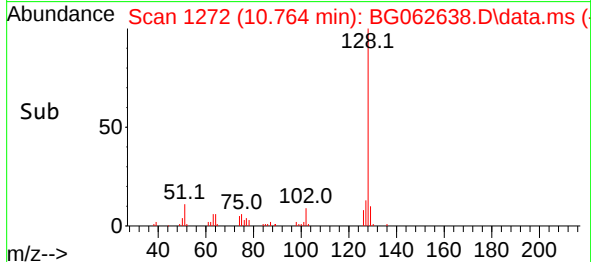
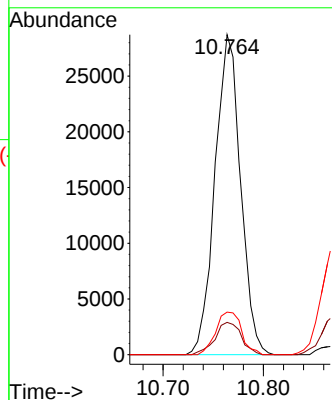
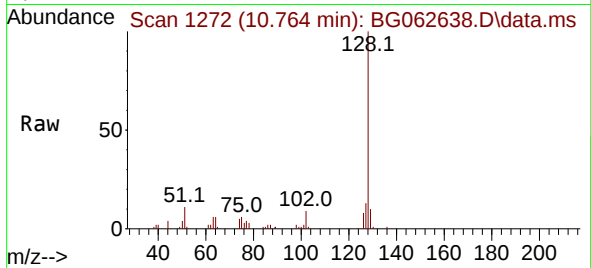




#31
Naphthalene
Concen: 4.064 ng
RT: 10.764 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

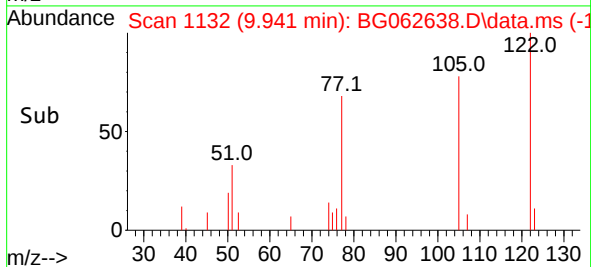
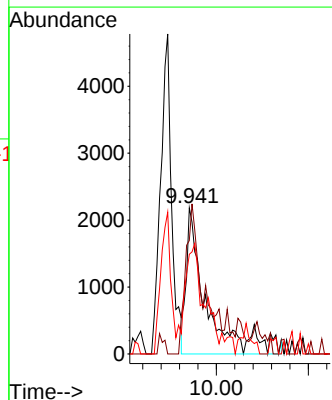
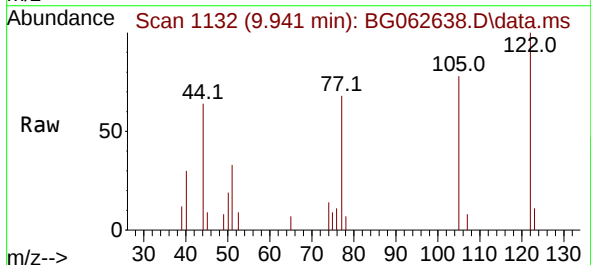
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

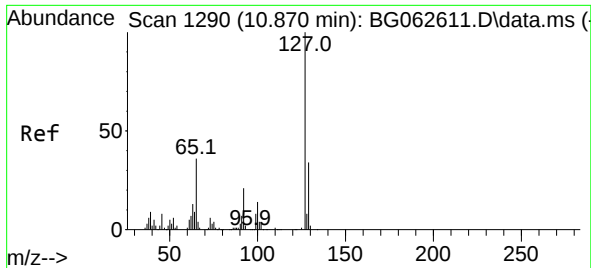
Tgt Ion:128 Resp: 50762
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 13.3 11.3 16.9



#32
Benzoic acid
Concen: 2.286 ng m
RT: 9.941 min Scan# 1132
Delta R.T. -0.088 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:122 Resp: 6773
Ion Ratio Lower Upper
122 100
105 77.7 105.7 145.7#
77 68.2 79.9 119.9#

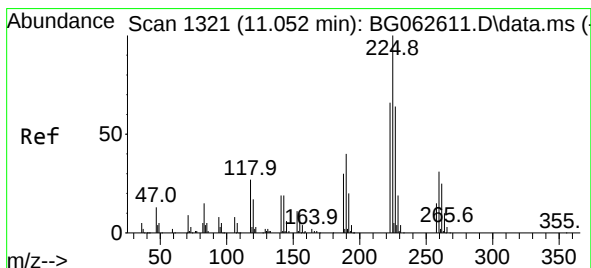
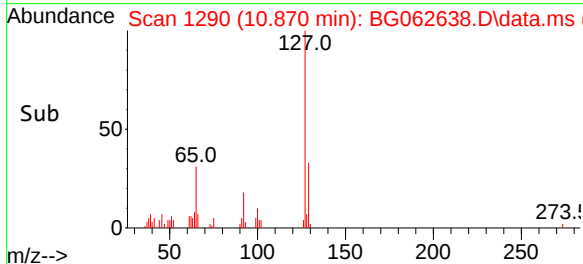
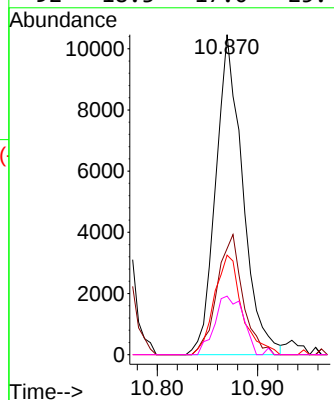
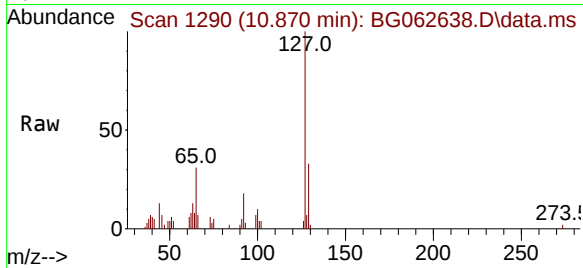




#33
4-Chloroaniline
Concen: 3.961 ng
RT: 10.870 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

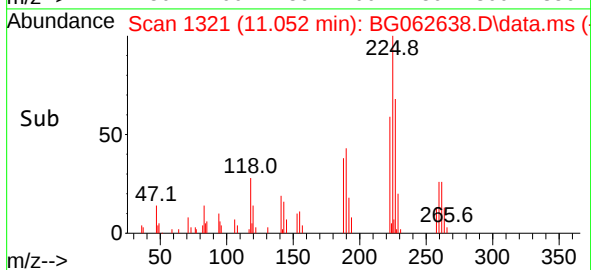
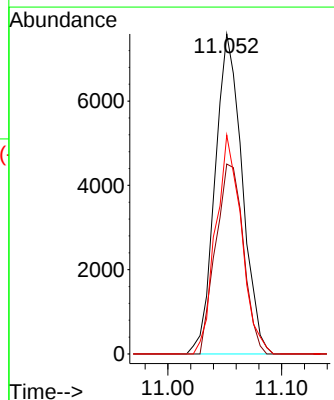
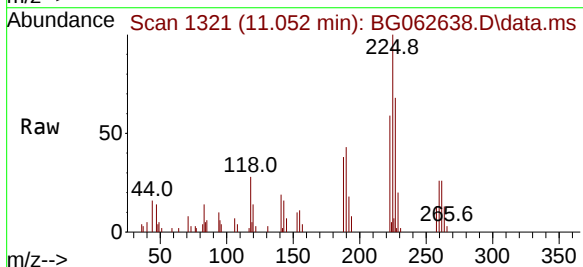
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

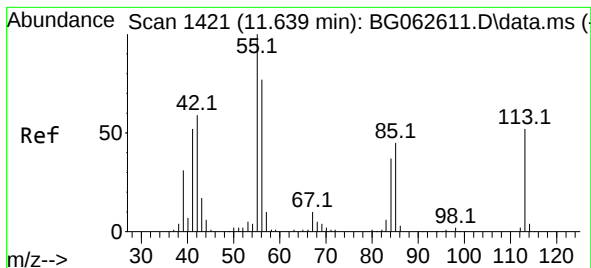
Tgt Ion:	127	Resp:	19470
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.3	40.9
65	31.1	29.0	43.4
92	18.3	17.0	25.4



#34
Hexachlorobutadiene
Concen: 3.942 ng
RT: 11.052 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:	225	Resp:	12569
Ion	Ratio	Lower	Upper
225	100		
223	55.5	50.1	75.1
227	66.2	48.9	73.3





#35

Caprolactam

Concen: 4.072 ng

RT: 11.610 min Scan# 1416

Delta R.T. -0.029 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

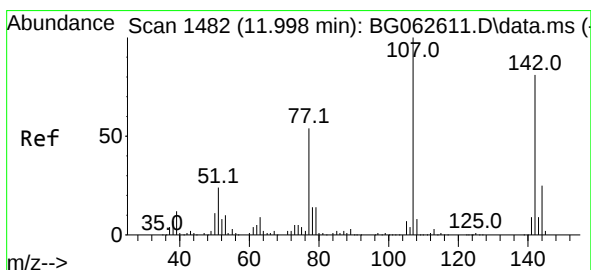
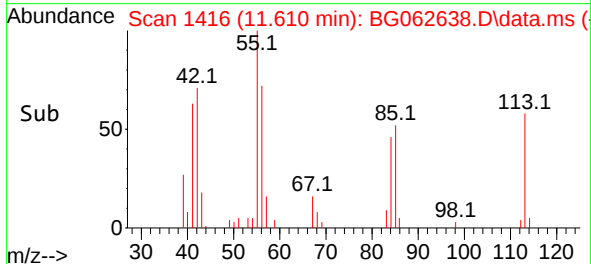
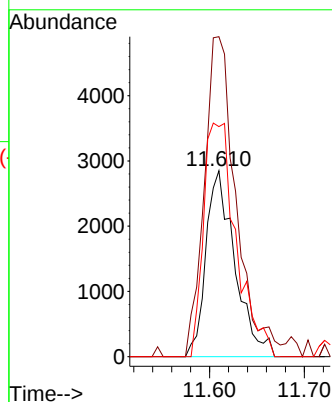
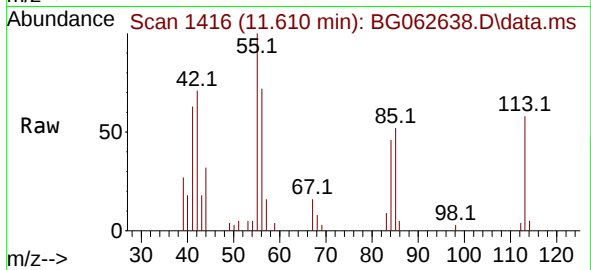
Tgt Ion:113 Resp: 6046

Ion Ratio Lower Upper

113 100

55 172.1 174.1 214.1#

56 123.8 129.8 169.8#



#36

4-Chloro-3-methylphenol

Concen: 3.628 ng

RT: 11.992 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

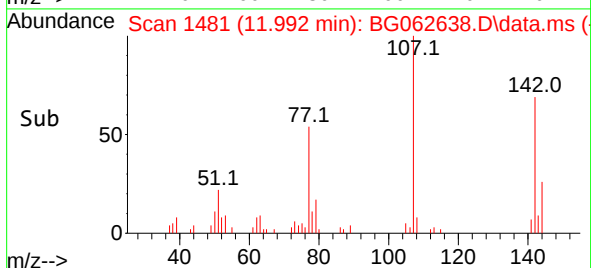
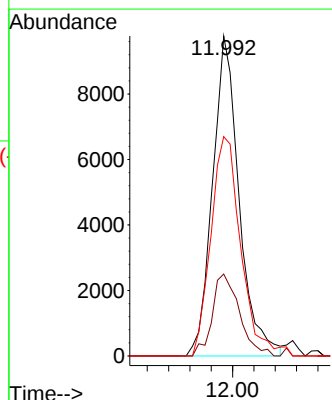
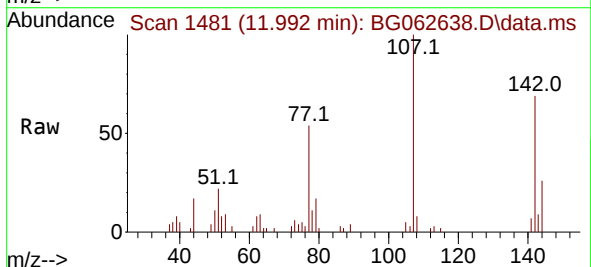
Tgt Ion:107 Resp: 16855

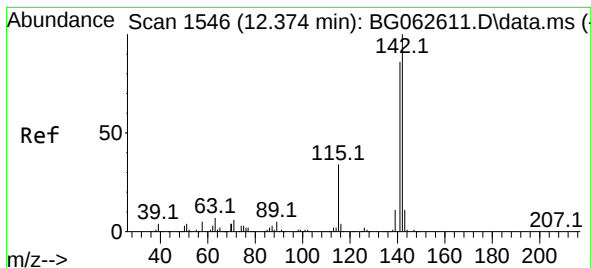
Ion Ratio Lower Upper

107 100

144 25.6 19.8 29.8

142 68.5 64.7 97.1

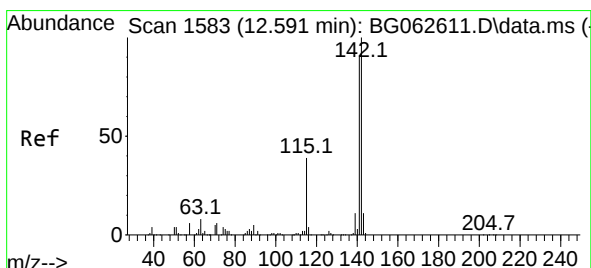
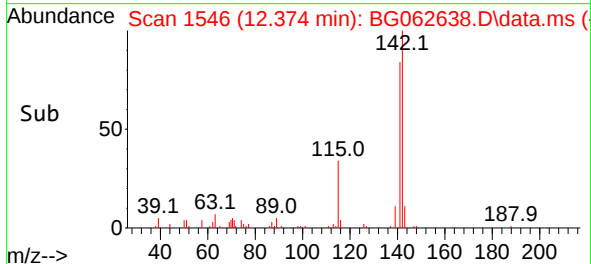
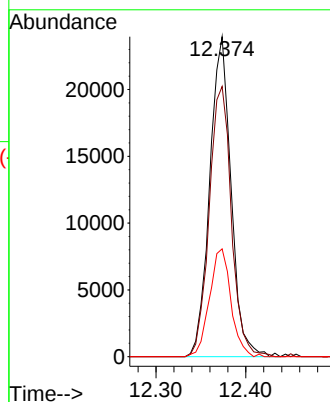
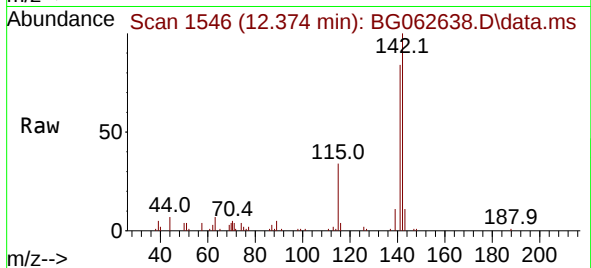




#37
2-Methylnaphthalene
Concen: 4.074 ng
RT: 12.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

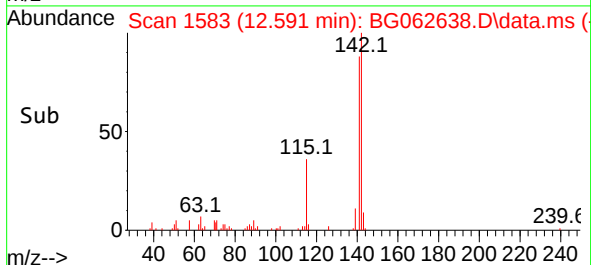
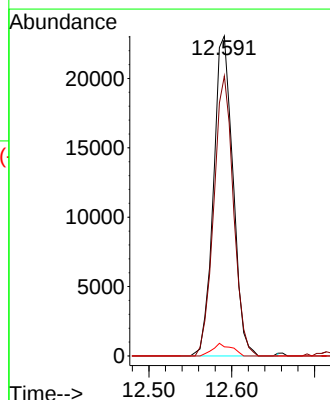
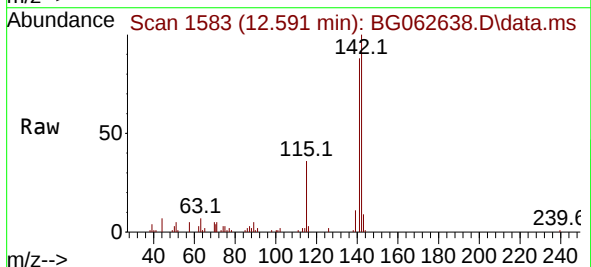
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

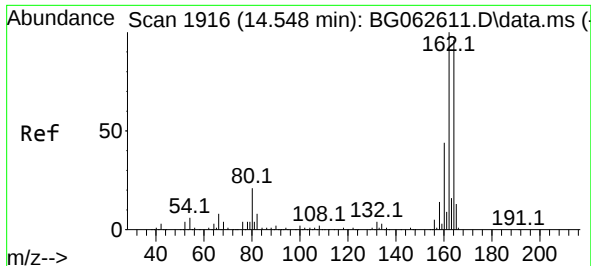
Tgt Ion:142 Resp: 39470
Ion Ratio Lower Upper
142 100
141 84.5 68.9 103.3
115 33.7 27.5 41.3



#38
1-Methylnaphthalene
Concen: 3.875 ng m
RT: 12.591 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:142 Resp: 37698
Ion Ratio Lower Upper
142 100
141 87.5 73.0 109.4
116 2.8 3.2 4.8#

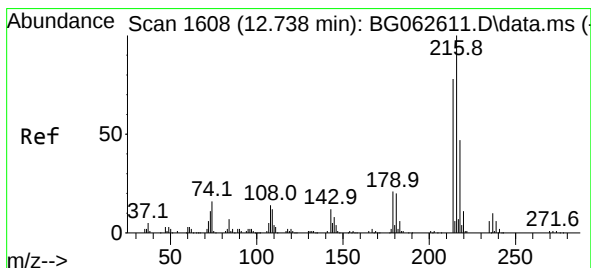
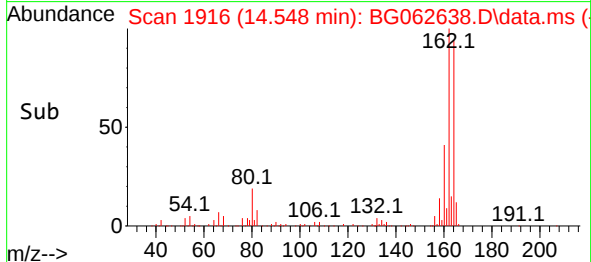
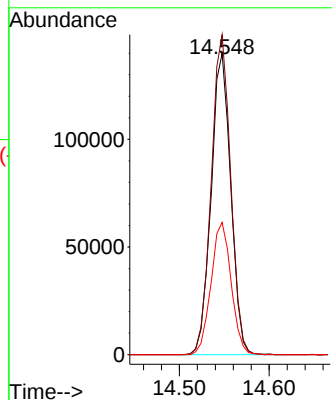
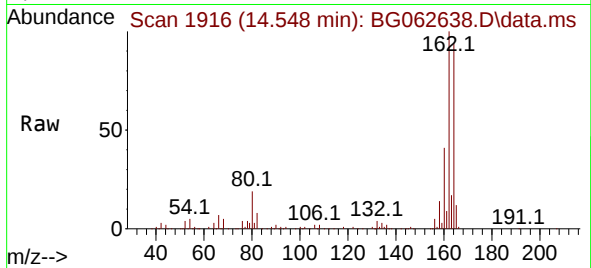




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

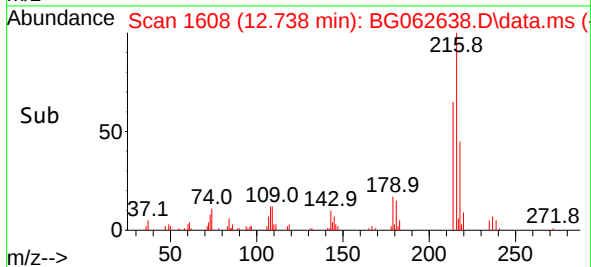
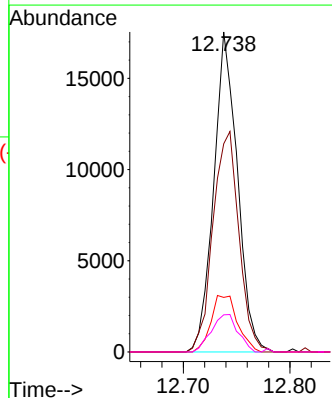
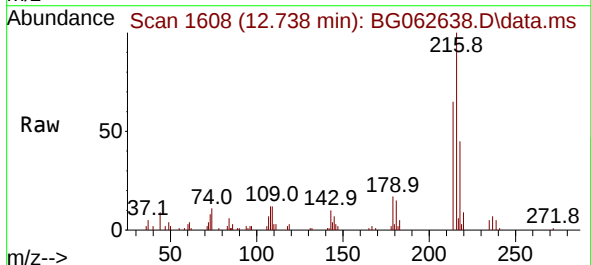
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

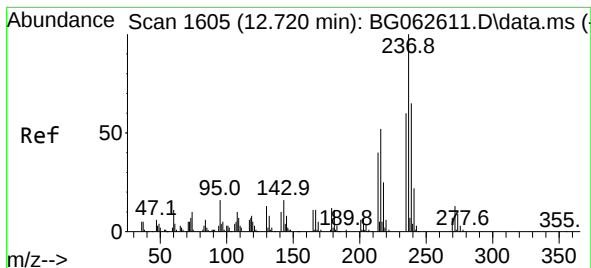
Tgt Ion:164 Resp: 211850
Ion Ratio Lower Upper
164 100
162 106.2 83.1 124.7
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.245 ng
RT: 12.738 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:216 Resp: 27047
Ion Ratio Lower Upper
216 100
214 75.7 61.6 92.4
179 19.8 15.9 23.9
108 13.2 11.4 17.0





#41

Hexachlorocyclopentadiene

Concen: 3.156 ng

RT: 12.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

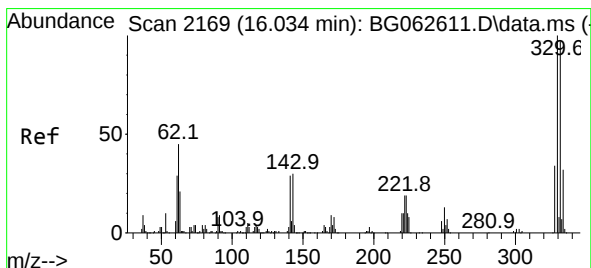
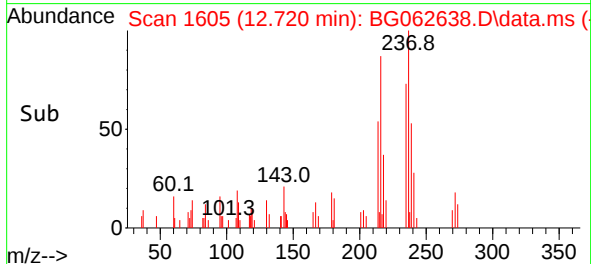
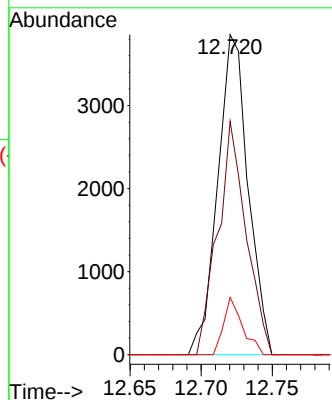
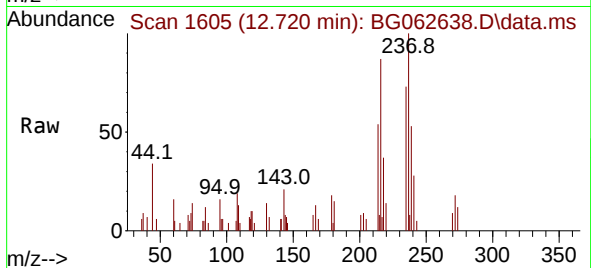
Tgt Ion:237 Resp: 5737

Ion Ratio Lower Upper

237 100

235 72.9 40.4 80.4

272 17.9 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 137.197 ng

RT: 16.034 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

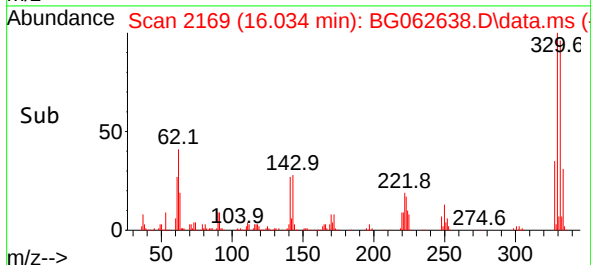
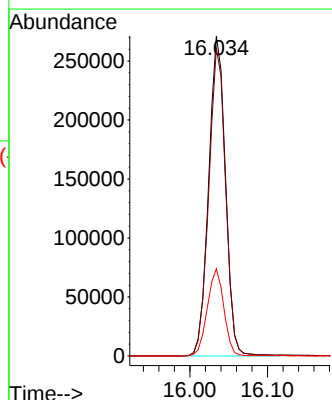
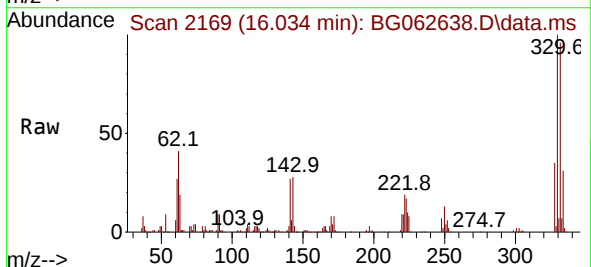
Tgt Ion:330 Resp: 409039

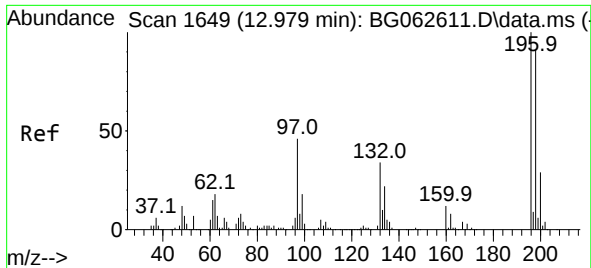
Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

141 26.8 22.2 33.4

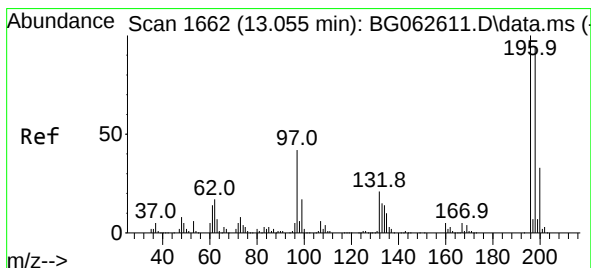
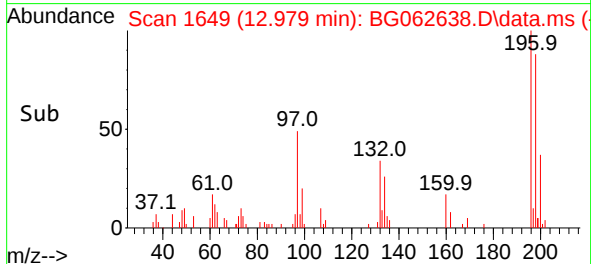
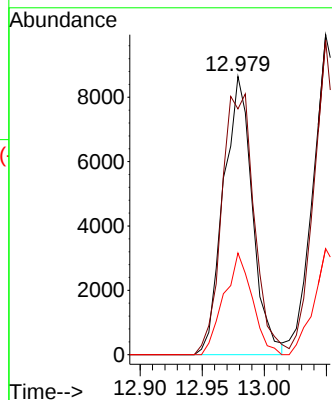
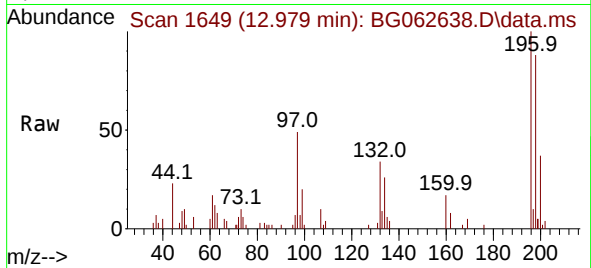




#43
2,4,6-Trichlorophenol
Concen: 3.478 ng m
RT: 12.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

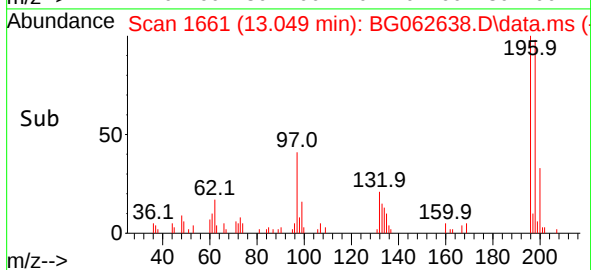
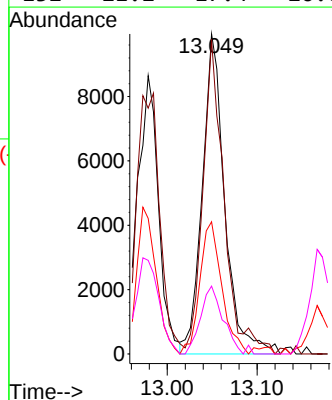
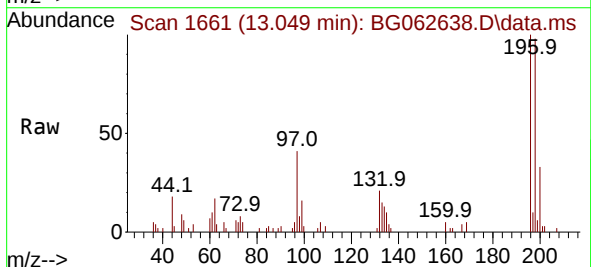
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

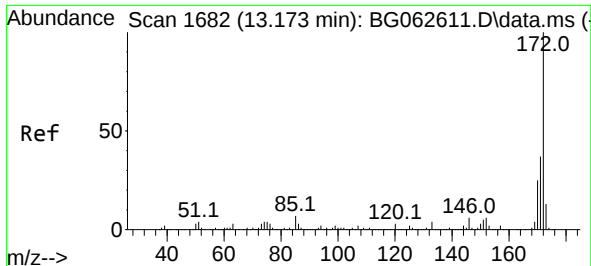
Tgt Ion:196 Resp: 14047
Ion Ratio Lower Upper
196 100
198 88.3 72.8 109.2
200 36.5 23.5 35.3#



#44
2,4,5-Trichlorophenol
Concen: 3.787 ng
RT: 13.049 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:196 Resp: 17320
Ion Ratio Lower Upper
196 100
198 98.3 75.5 113.3
97 41.3 34.1 51.1
132 21.2 17.4 26.0

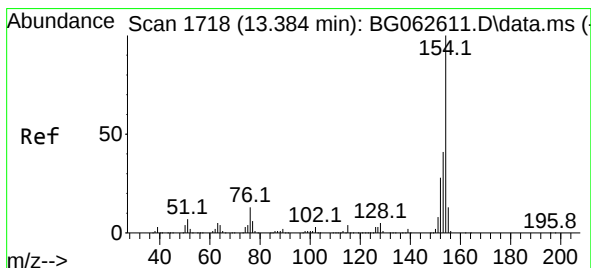
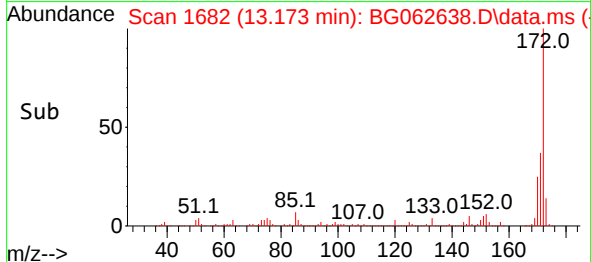
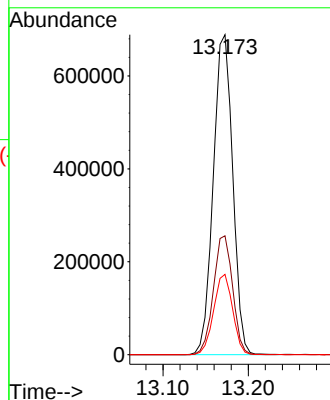
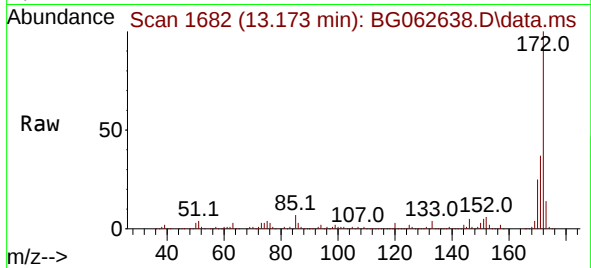




#45
2-Fluorobiphenyl
Concen: 83.603 ng
RT: 13.173 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

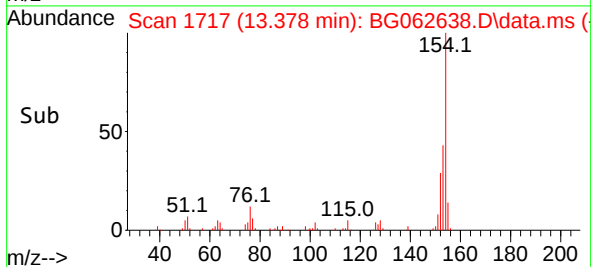
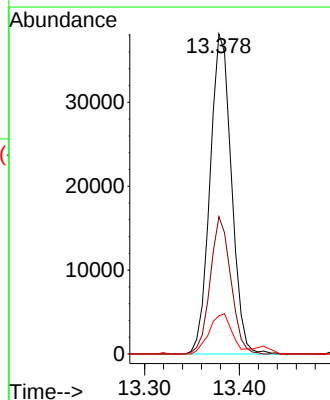
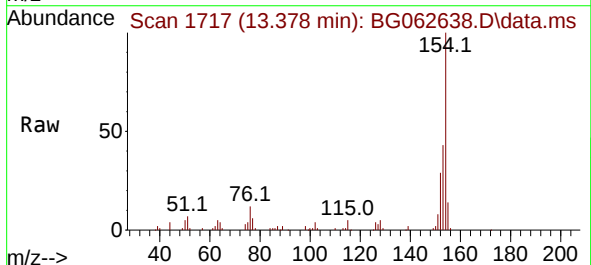
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

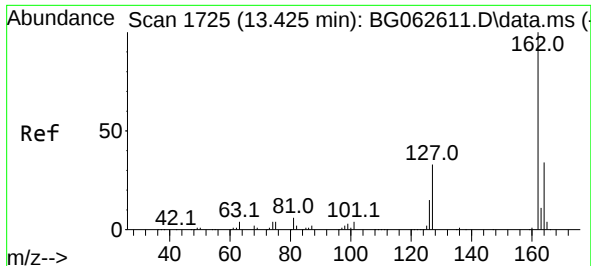
Tgt Ion:172 Resp: 1093426
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.1 20.0 30.0



#46
1,1'-Biphenyl
Concen: 4.236 ng
RT: 13.378 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:154 Resp: 59875
Ion Ratio Lower Upper
154 100
153 42.9 20.8 60.8
76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 3.992 ng

RT: 13.419 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062638.D

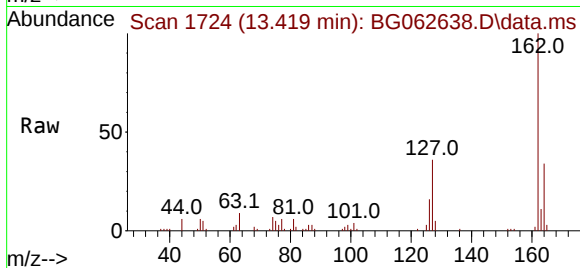
Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



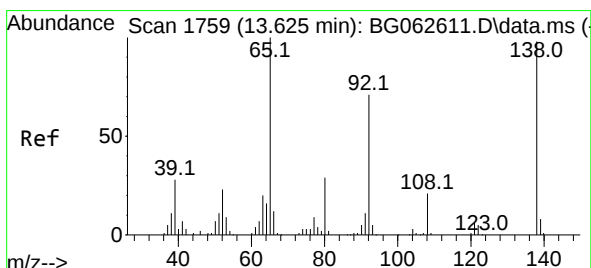
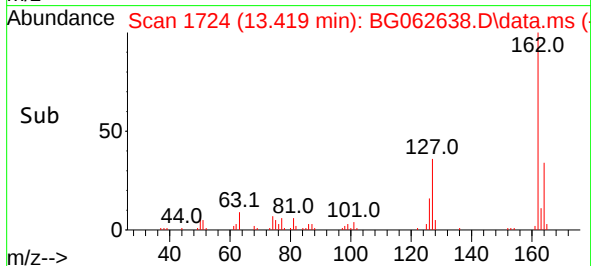
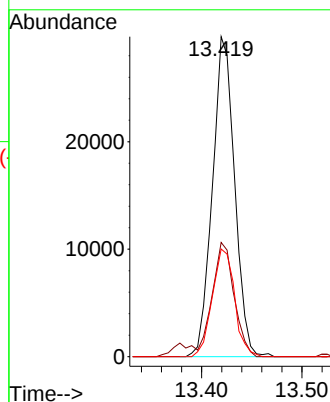
Tgt Ion:162 Resp: 45727

Ion Ratio Lower Upper

162 100

127 35.7 28.7 43.1

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 3.893 ng

RT: 13.619 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

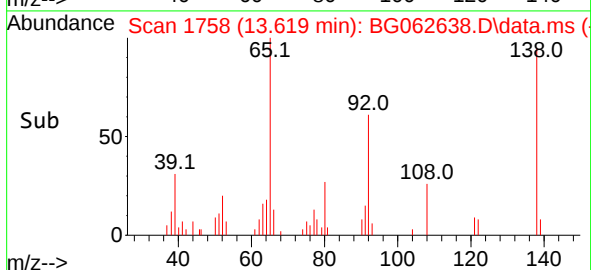
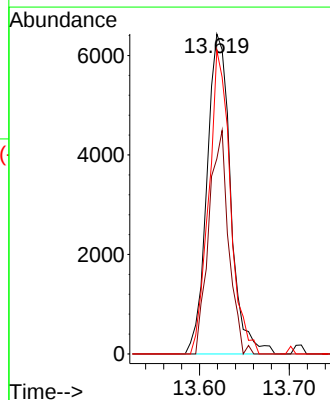
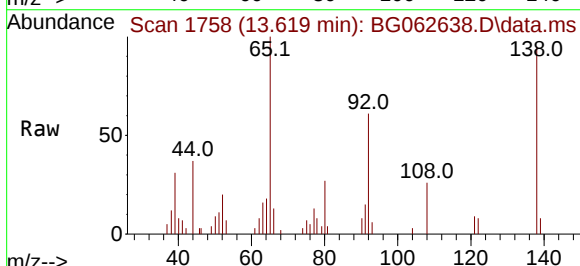
Tgt Ion: 65 Resp: 11727

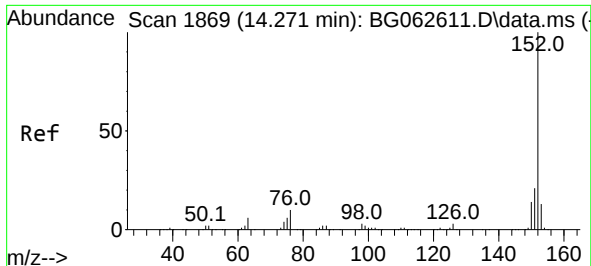
Ion Ratio Lower Upper

65 100

92 61.0 56.6 84.8

138 94.9 78.7 118.1

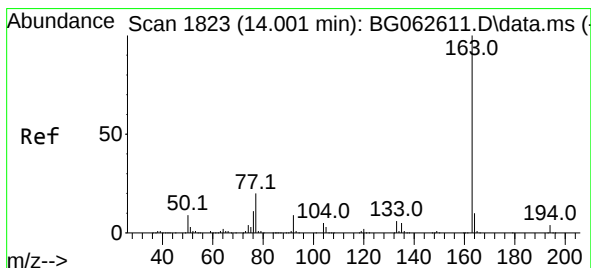
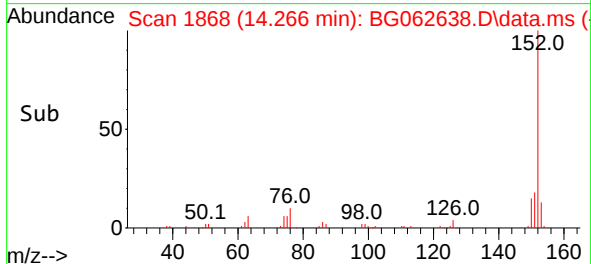
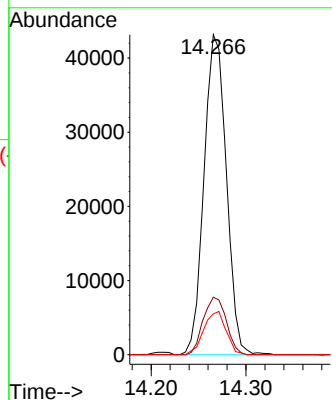
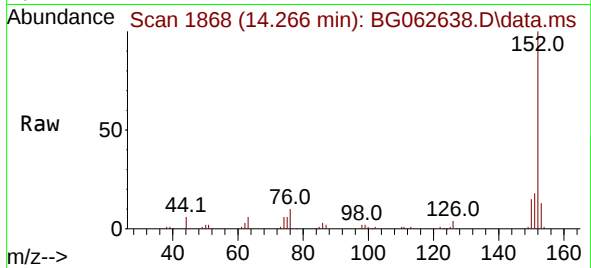




#49
Acenaphthylene
Concen: 4.158 ng
RT: 14.266 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

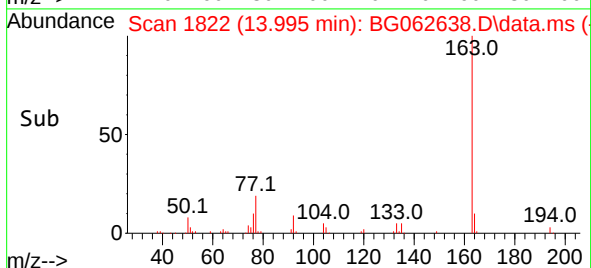
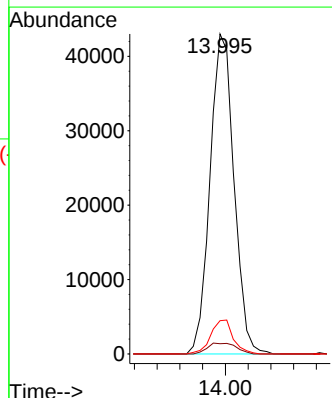
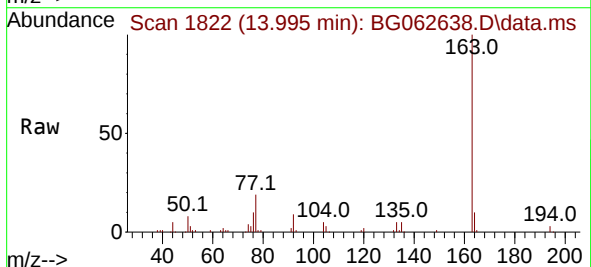
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

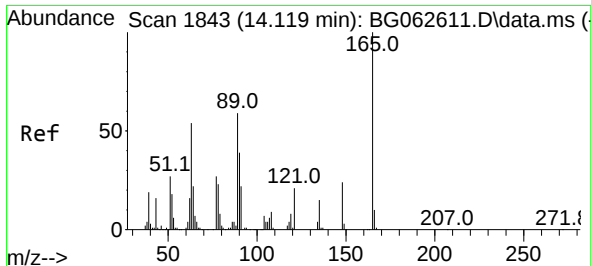
Tgt Ion:152 Resp: 70533
Ion Ratio Lower Upper
152 100
151 17.9 16.6 24.8
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 4.066 ng
RT: 13.995 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:163 Resp: 62992
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 3.500 ng

RT: 14.113 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

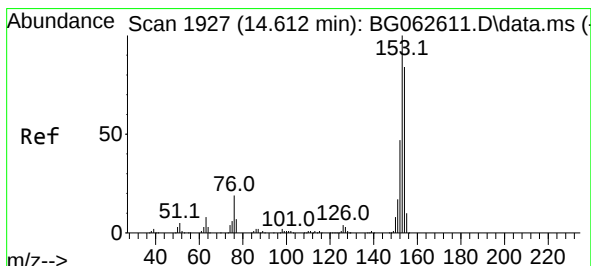
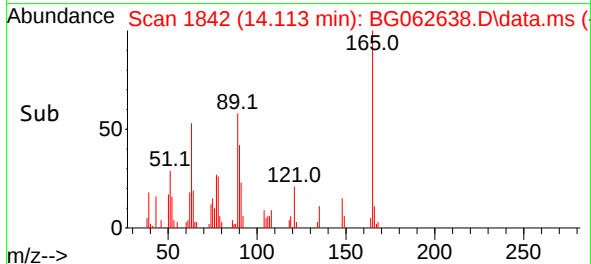
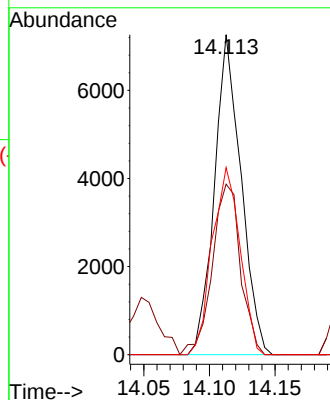
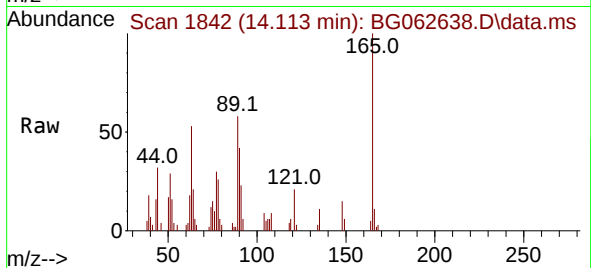
Tgt Ion:165 Resp: 10255

Ion Ratio Lower Upper

165 100

63 53.3 46.6 69.8

89 58.4 47.2 70.8



#52

Acenaphthene

Concen: 3.965 ng

RT: 14.612 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

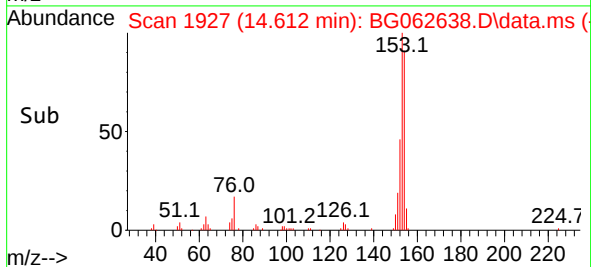
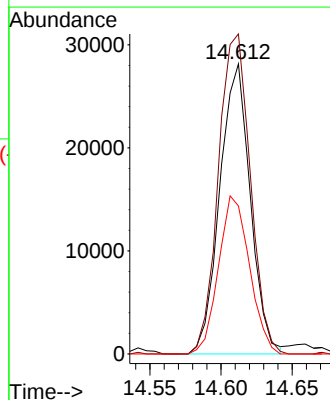
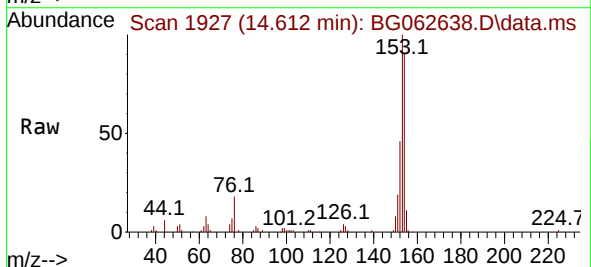
Tgt Ion:154 Resp: 42040

Ion Ratio Lower Upper

154 100

153 110.3 95.0 142.4

152 51.0 45.0 67.6

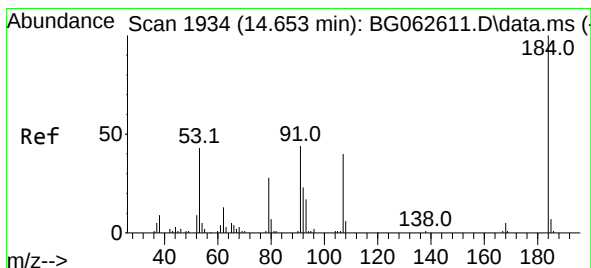
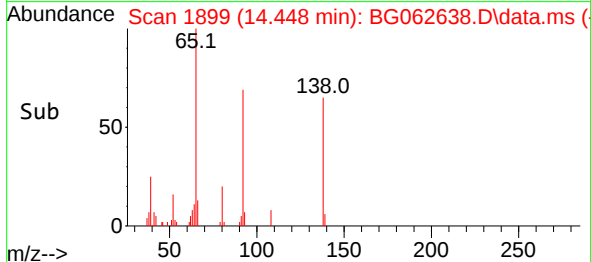
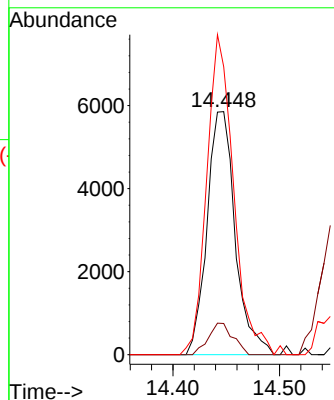
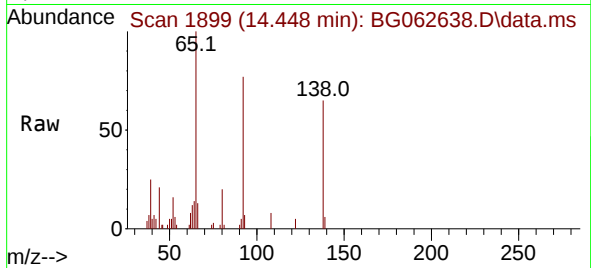




#53
3-Nitroaniline
Concen: 3.781 ng
RT: 14.448 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

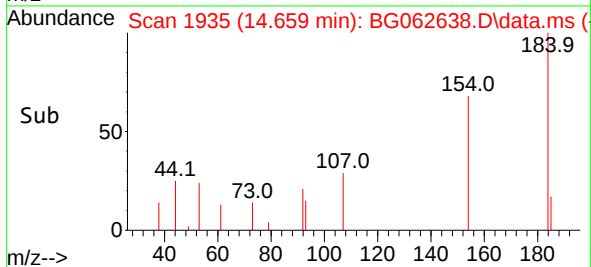
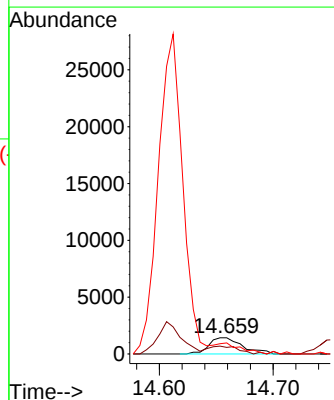
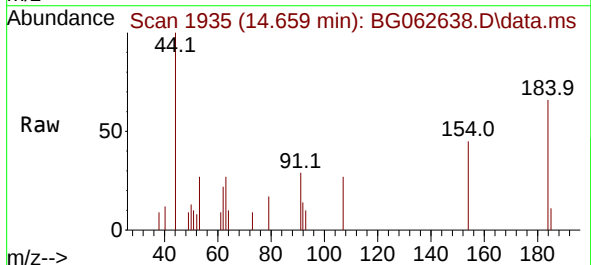
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

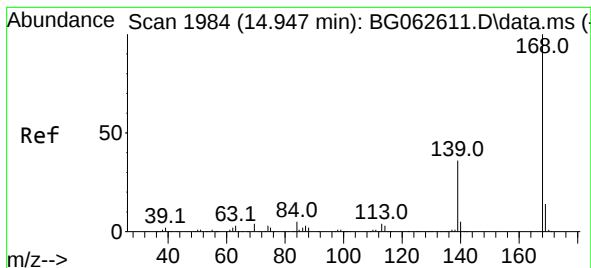
Tgt Ion:138 Resp: 10721
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 118.4 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 1.775 ng
RT: 14.659 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:184 Resp: 2918
Ion Ratio Lower Upper
184 100
63 40.5 49.0 73.4#
154 68.0 50.5 75.7





#55

Dibenzenofuran

Concen: 4.134 ng

RT: 14.941 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

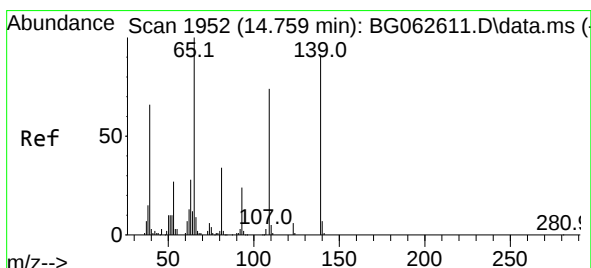
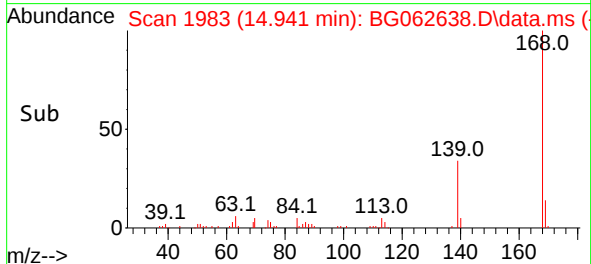
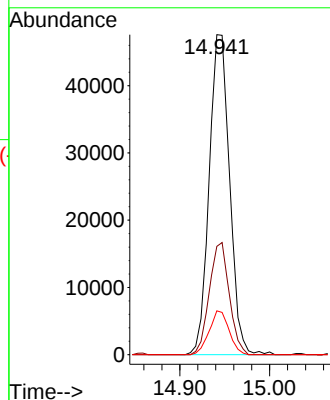
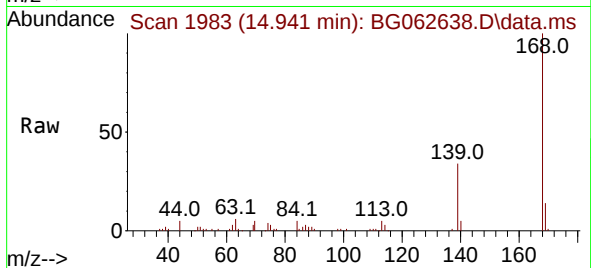
Tgt Ion:168 Resp: 75177

Ion Ratio Lower Upper

168 100

139 33.9 28.6 42.8

169 13.7 11.0 16.6



#56

4-Nitrophenol

Concen: 3.508 ng

RT: 14.753 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

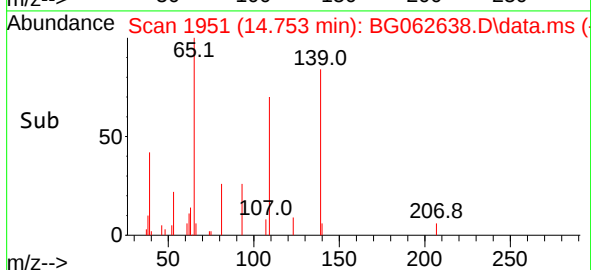
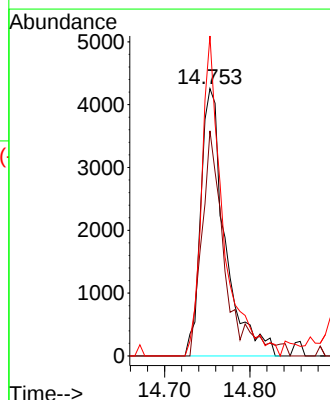
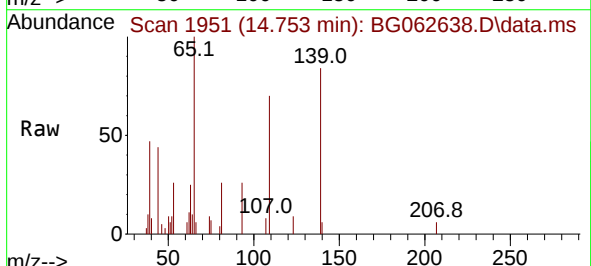
Tgt Ion:139 Resp: 8430

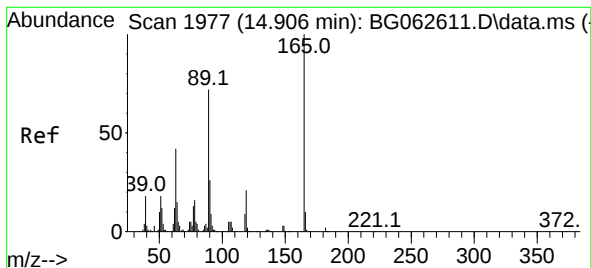
Ion Ratio Lower Upper

139 100

109 84.2 61.2 101.2

65 119.7 90.2 130.2

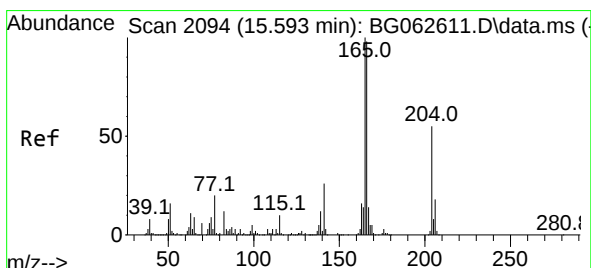
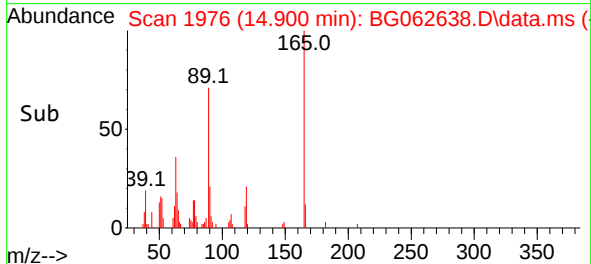
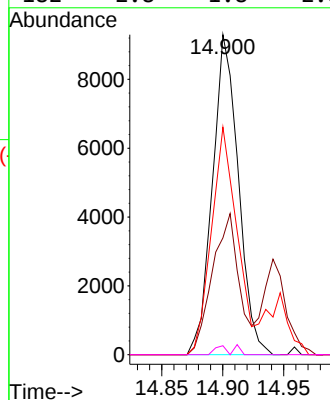
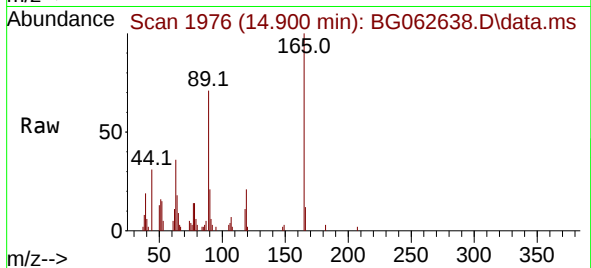




#57
2,4-Dinitrotoluene
Concen: 3.435 ng
RT: 14.900 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

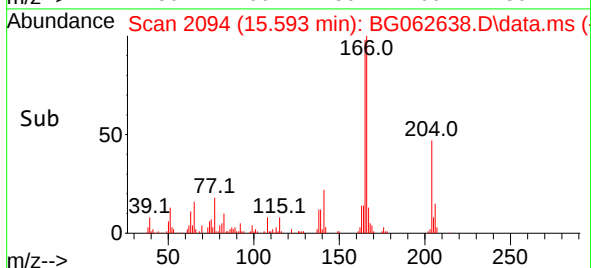
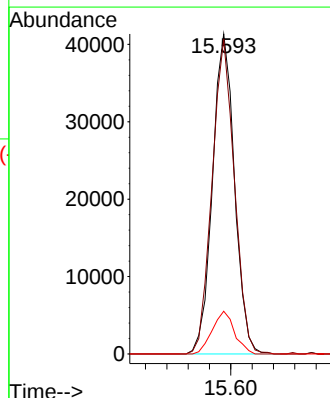
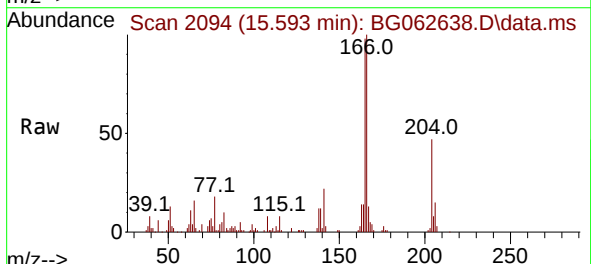
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

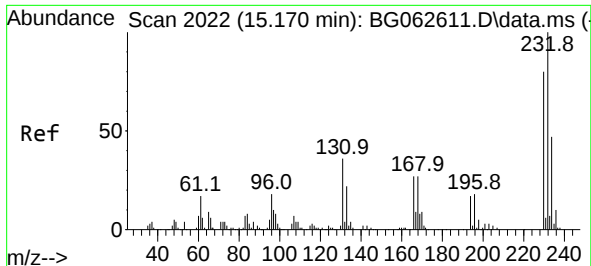
Tgt Ion:	165	Resp:	13731
Ion	Ratio	Lower	Upper
165	100		
63	36.5	33.8	50.6
89	71.1	57.9	86.9
182	2.8	1.8	2.8



#58
Fluorene
Concen: 4.143 ng
RT: 15.593 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

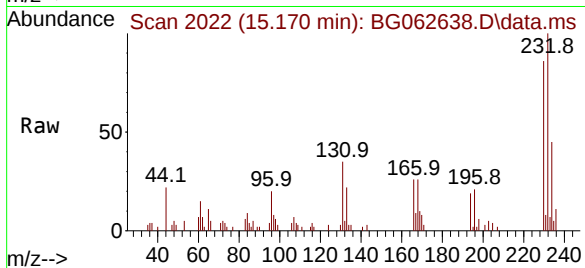
Tgt Ion:	166	Resp:	59126
Ion	Ratio	Lower	Upper
166	100		
165	98.5	82.0	123.0
167	13.3	11.3	16.9



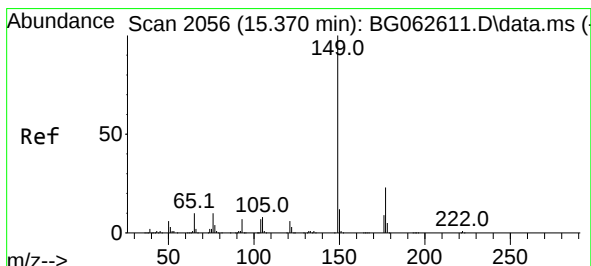
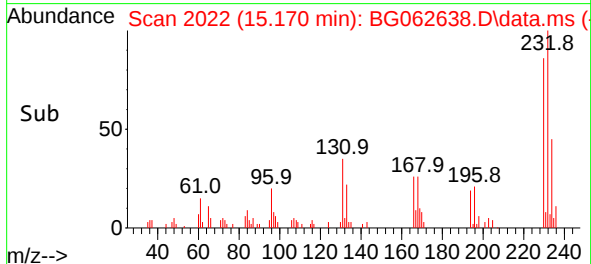
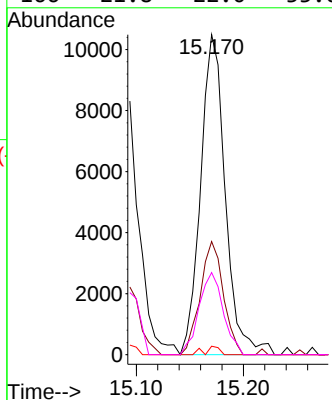


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.871 ng m
RT: 15.170 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

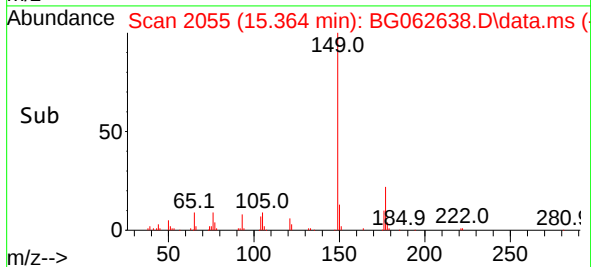
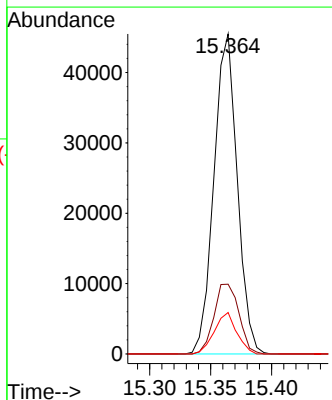
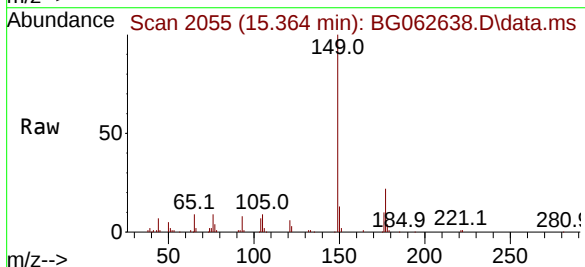


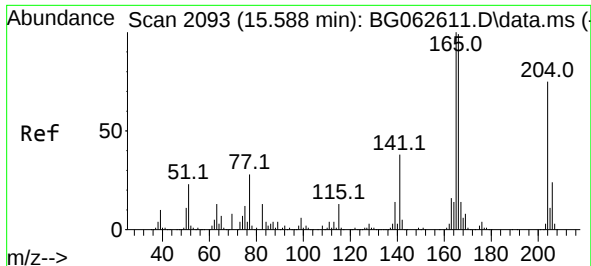
Tgt Ion:232 Resp: 16772
Ion Ratio Lower Upper
232 100
131 28.6 28.3 42.5
130 2.0 1.7 2.5
166 21.8 22.0 33.0#



#60
Diethylphthalate
Concen: 3.942 ng
RT: 15.364 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:149 Resp: 60523
Ion Ratio Lower Upper
149 100
177 21.8 18.0 27.0
150 12.9 9.8 14.8

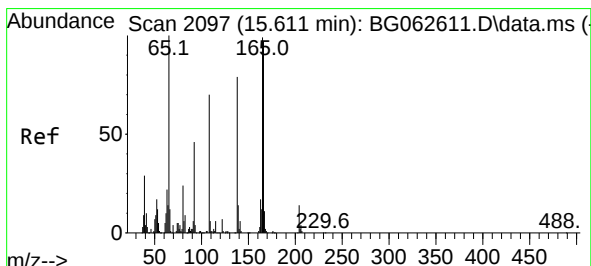
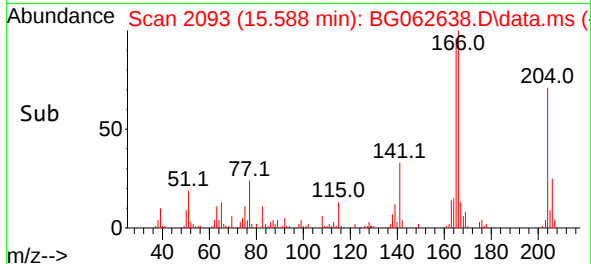
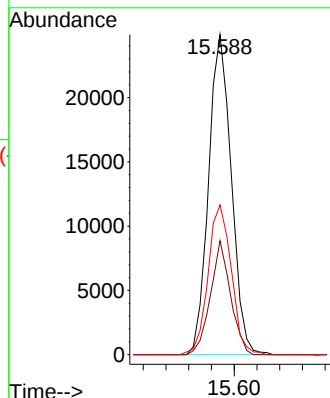
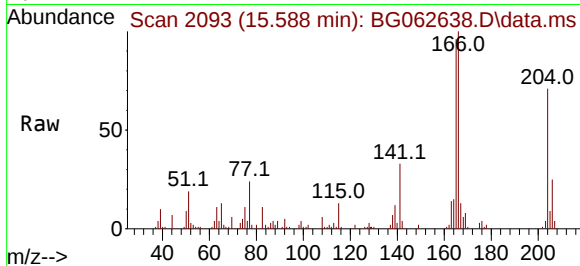




#61
4-Chlorophenyl-phenylether
Concen: 4.221 ng
RT: 15.588 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

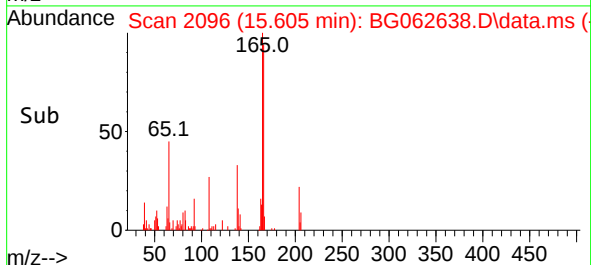
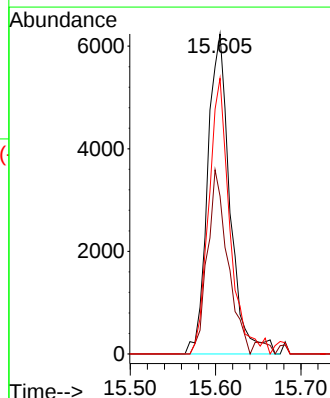
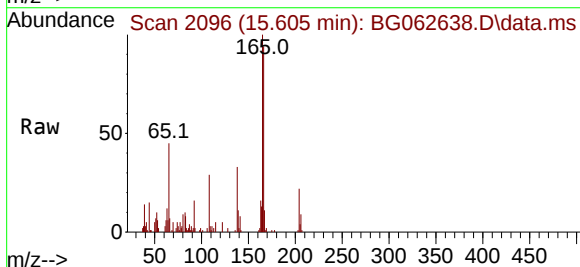
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

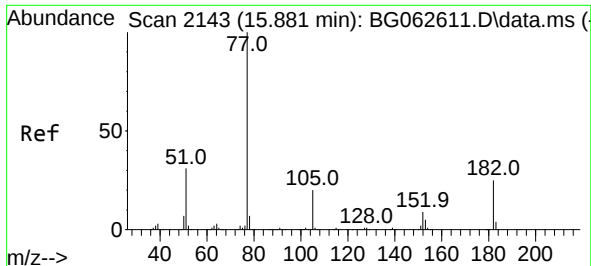
Tgt Ion:204 Resp: 34580
Ion Ratio Lower Upper
204 100
206 35.6 25.9 38.9
141 46.8 41.0 61.6



#62
4-Nitroaniline
Concen: 3.635 ng
RT: 15.605 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:138 Resp: 11365
Ion Ratio Lower Upper
138 100
92 49.3 38.4 78.4
108 86.1 69.0 109.0

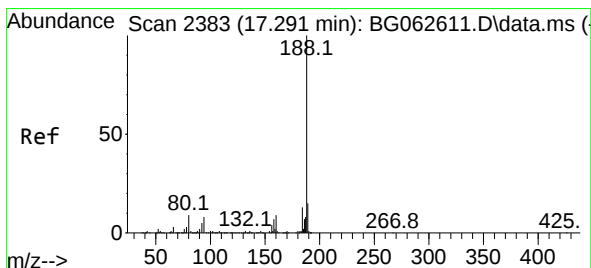
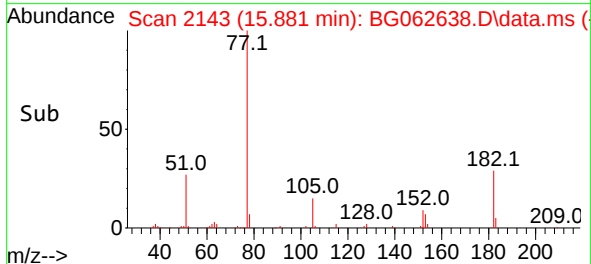
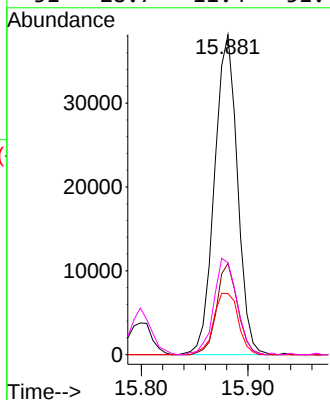
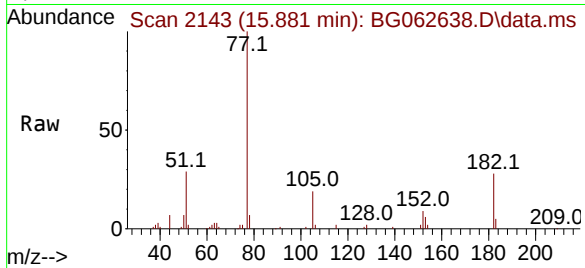




#63
Azobenzene
Concen: 3.952 ng
RT: 15.881 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

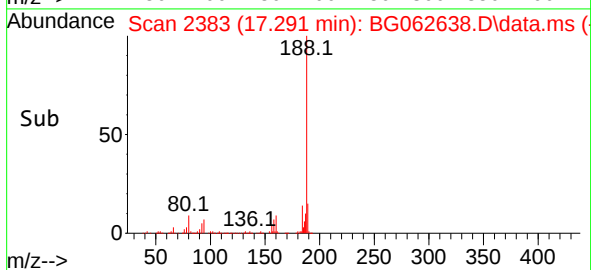
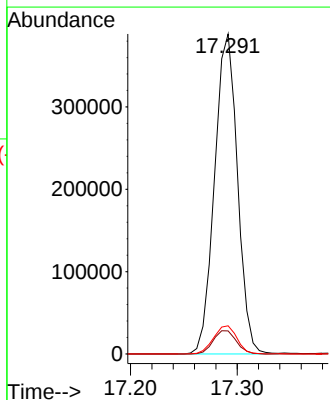
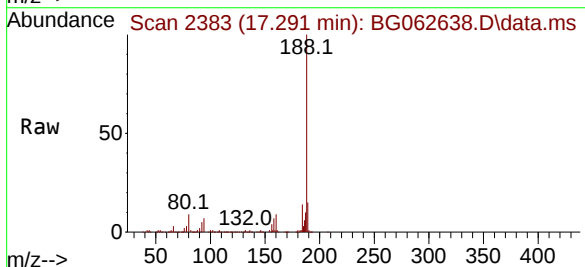
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

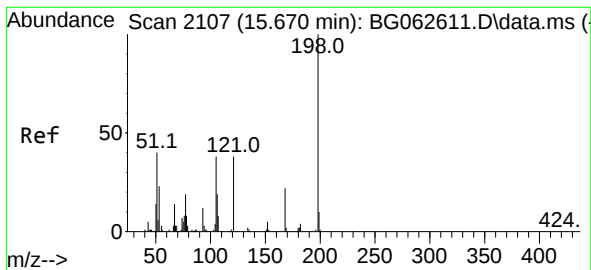
Tgt Ion: 77	Resp: 56972
Ion Ratio	Lower Upper
77 100	
182 28.5	5.0 45.0
105 19.1	0.5 40.5
51 28.7	11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.291 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:188	Resp: 579915
Ion Ratio	Lower Upper
188 100	
94 7.2	6.3 9.5
80 8.8	7.0 10.4

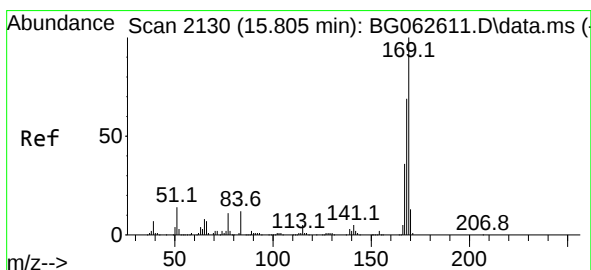
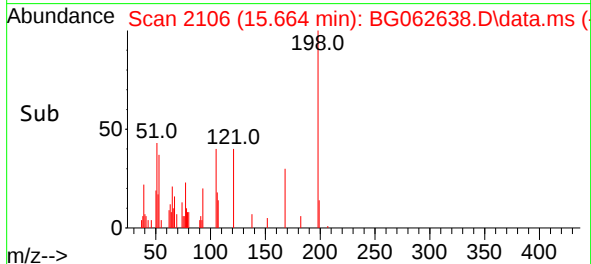
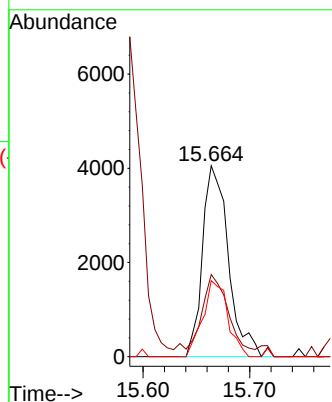
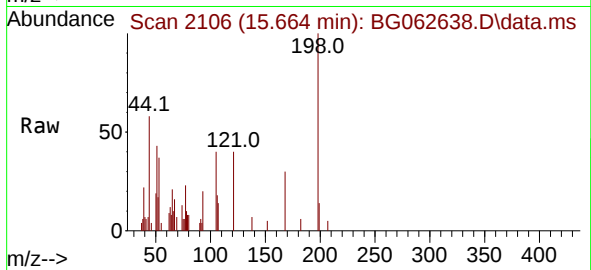




#65
4,6-Dinitro-2-methylphenol
Concen: 2.662 ng
RT: 15.664 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

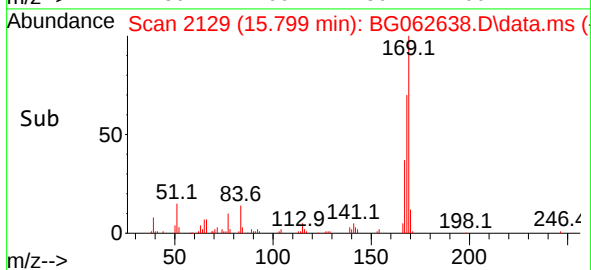
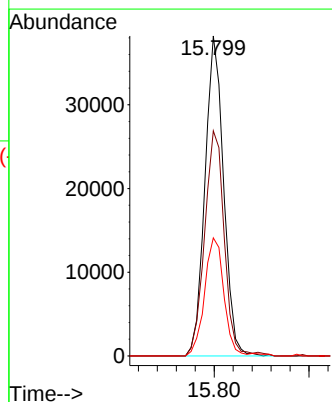
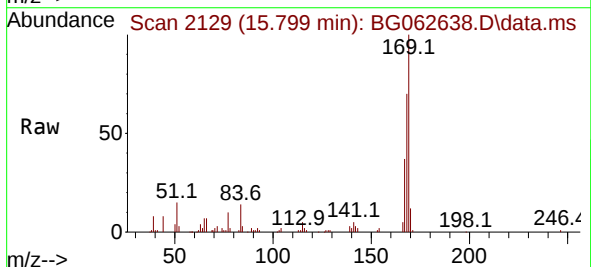
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

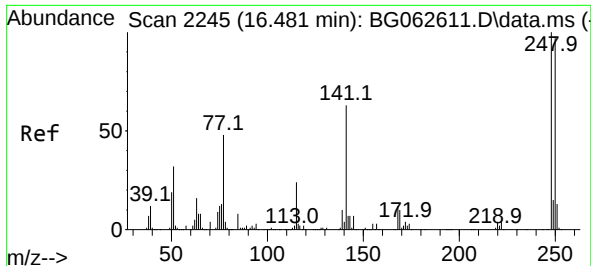
Tgt Ion:198 Resp: 6890
Ion Ratio Lower Upper
198 100
51 43.0 25.1 65.1
105 39.8 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 3.747 ng
RT: 15.799 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:169 Resp: 52236
Ion Ratio Lower Upper
169 100
168 70.4 55.4 83.2
167 36.9 29.0 43.6

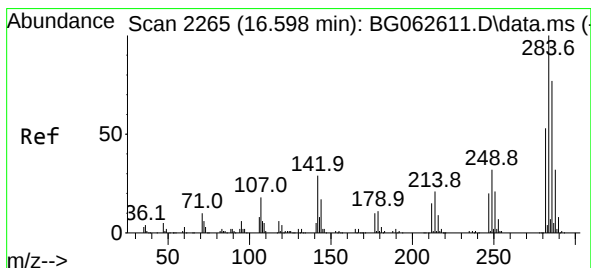
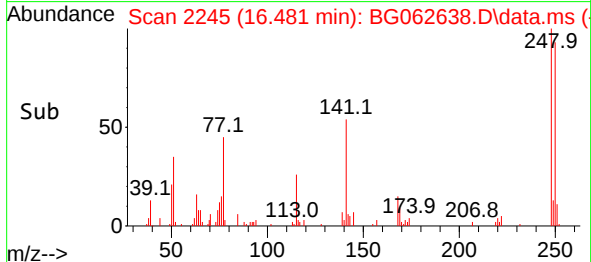
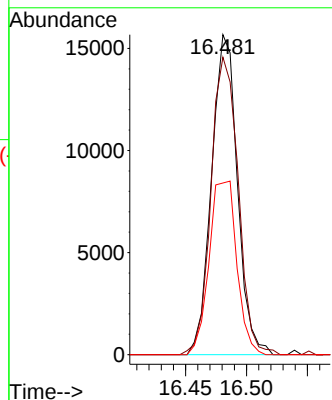
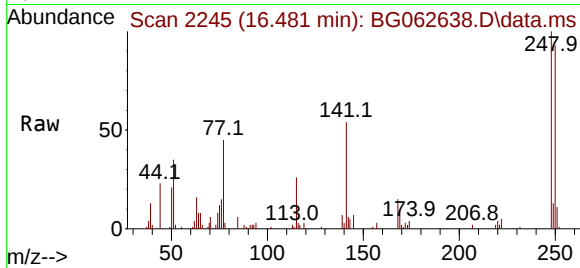




#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 16.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

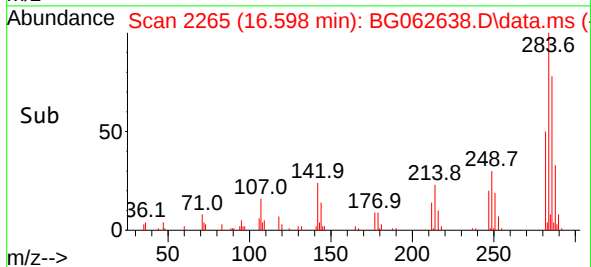
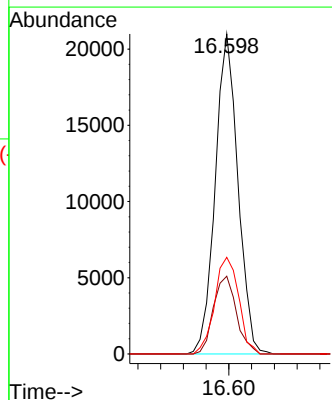
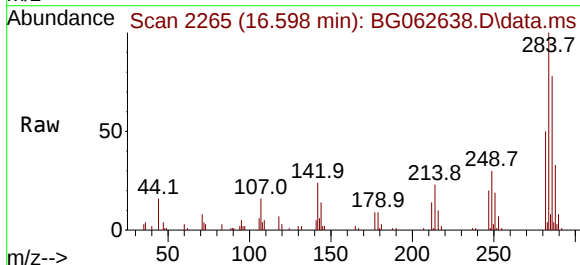
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

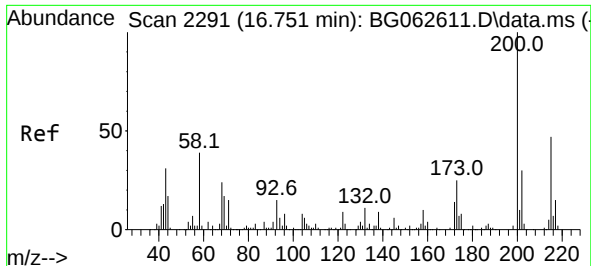
Tgt Ion:248 Resp: 23105
Ion Ratio Lower Upper
248 100
250 93.0 77.9 116.9
141 53.7 50.2 75.2



#68
Hexachlorobenzene
Concen: 4.105 ng
RT: 16.598 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:284 Resp: 29096
Ion Ratio Lower Upper
284 100
142 24.3 23.5 35.3
249 33.5 25.4 38.0

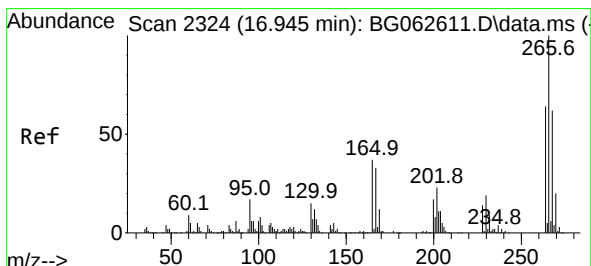
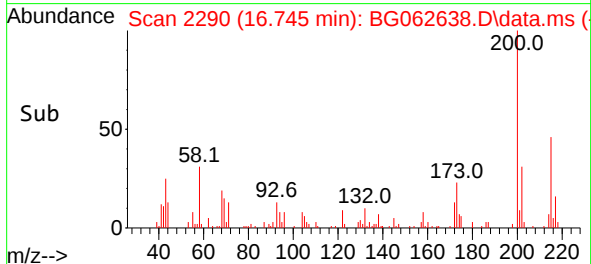
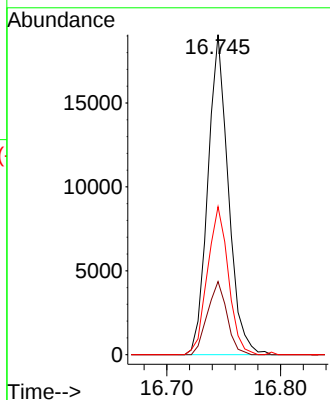
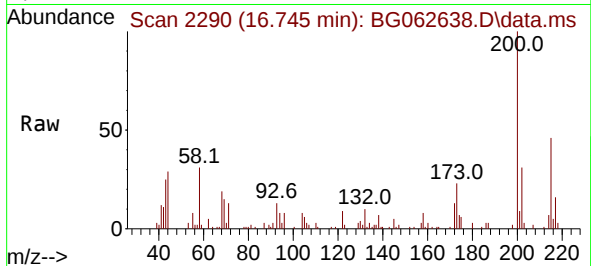




#69
Atrazine
Concen: 5.035 ng
RT: 16.745 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

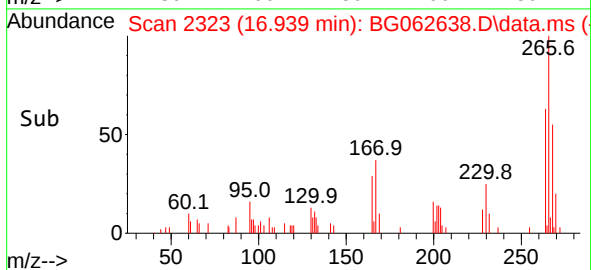
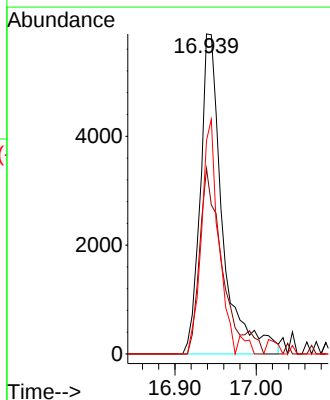
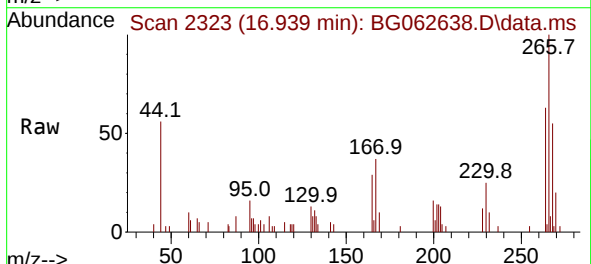
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

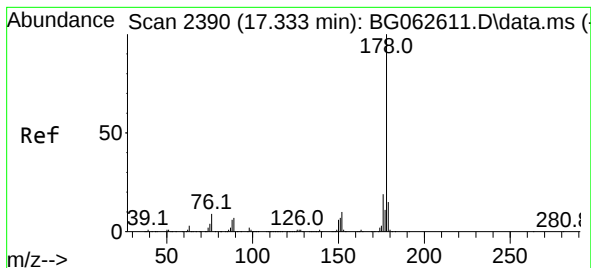
Tgt Ion:200 Resp: 23845
Ion Ratio Lower Upper
200 100
173 22.9 5.2 45.2
215 46.2 27.3 67.3



#70
Pentachlorophenol
Concen: 2.467 ng
RT: 16.939 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:266 Resp: 11199
Ion Ratio Lower Upper
266 100
268 58.0 52.6 79.0
264 66.8 51.6 77.4





#71

Phenanthrene

Concen: 4.339 ng

RT: 17.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

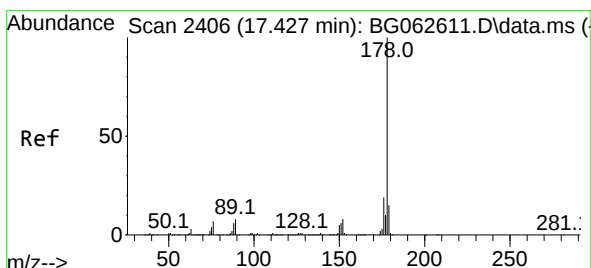
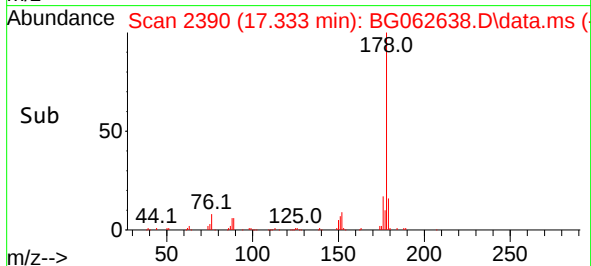
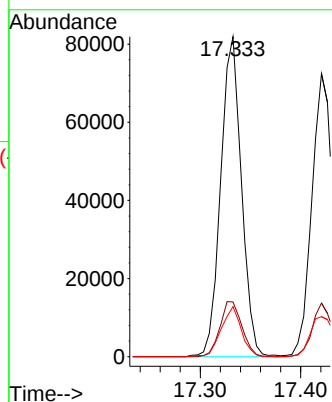
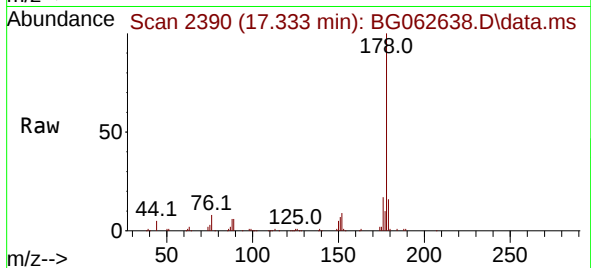
Tgt Ion:178 Resp: 117436

Ion Ratio Lower Upper

178 100

176 17.1 15.4 23.0

179 15.6 12.2 18.4



#72

Anthracene

Concen: 4.004 ng

RT: 17.421 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

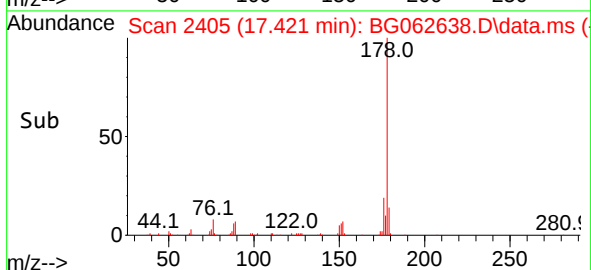
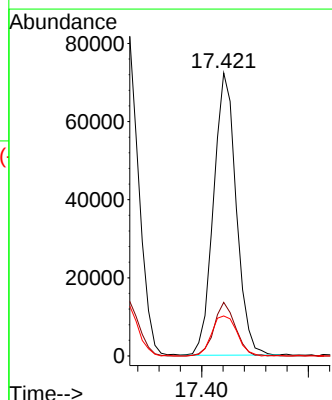
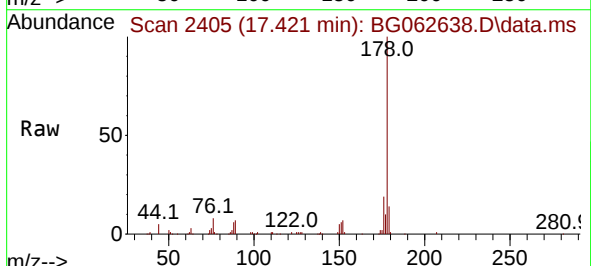
Tgt Ion:178 Resp: 106564

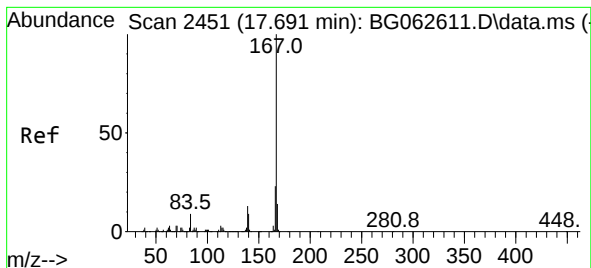
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 14.2 12.0 18.0





#73

Carbazole

Concen: 3.921 ng

RT: 17.691 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

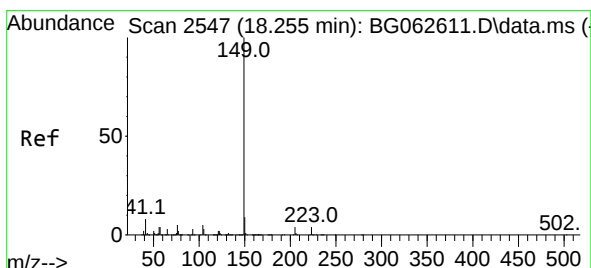
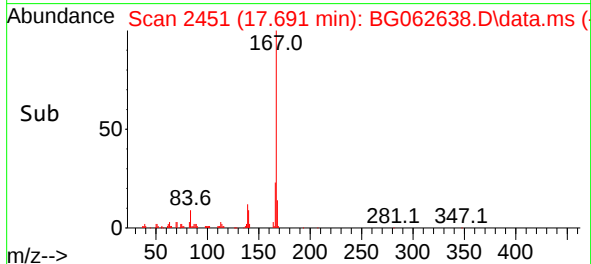
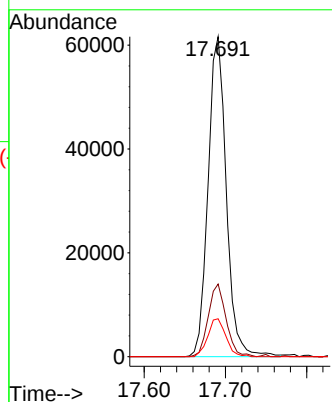
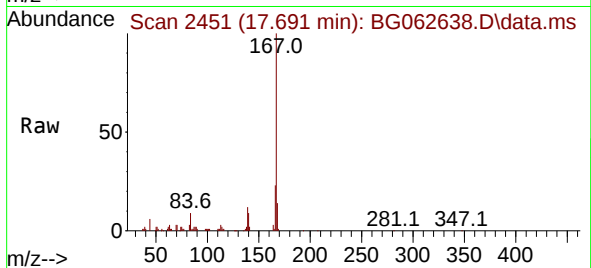
Tgt Ion:167 Resp: 95923

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 11.8 10.1 15.1



#74

Di-n-butylphthalate

Concen: 3.689 ng

RT: 18.255 min Scan# 2547

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

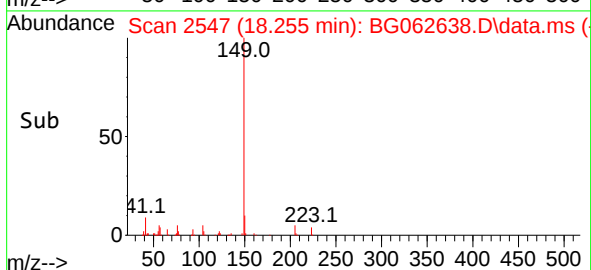
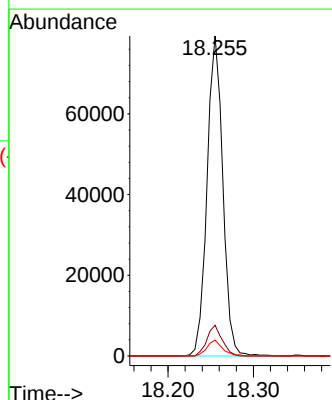
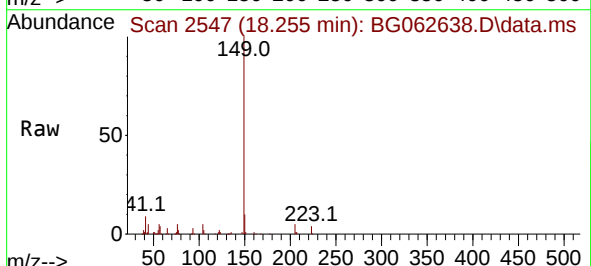
Tgt Ion:149 Resp: 101792

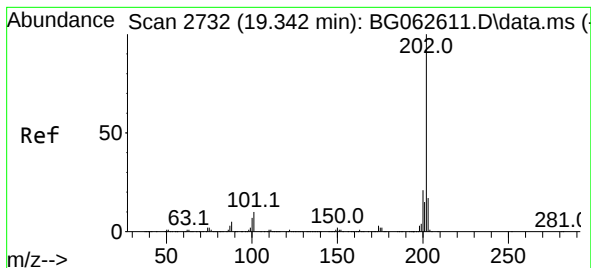
Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 4.086 ng

RT: 19.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

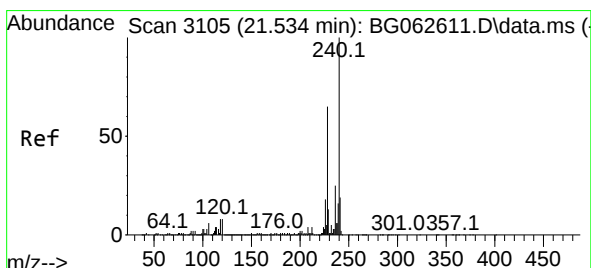
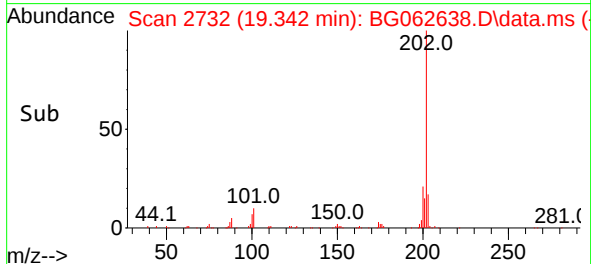
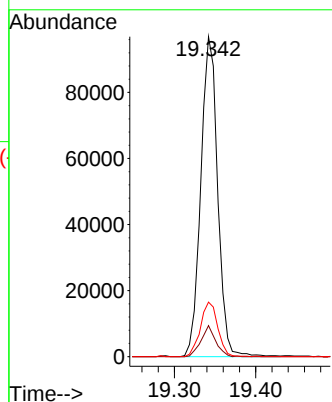
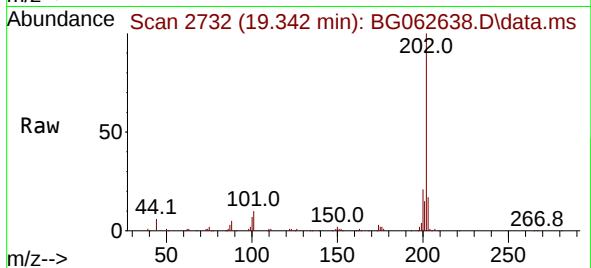
Tgt Ion:202 Resp: 139866

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.6

203 17.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

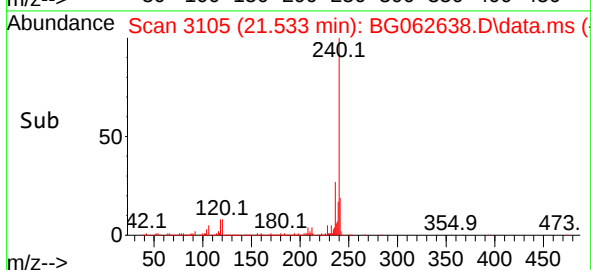
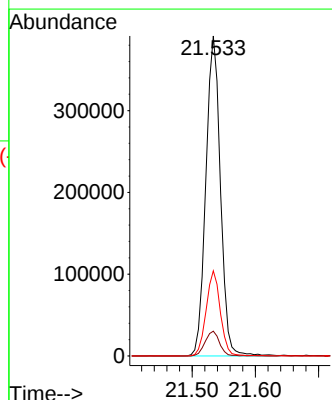
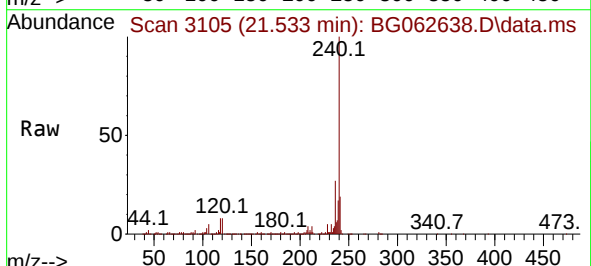
Tgt Ion:240 Resp: 628132

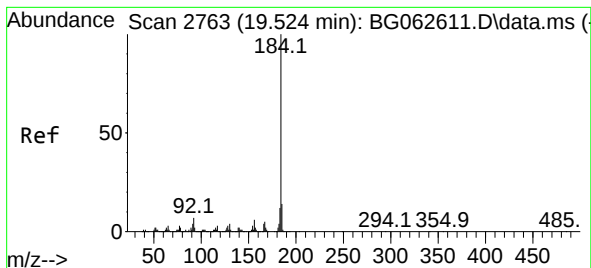
Ion Ratio Lower Upper

240 100

120 7.7 6.6 9.8

236 26.6 20.2 30.4





#77

Benzidine

Concen: 3.682 ng

RT: 19.524 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

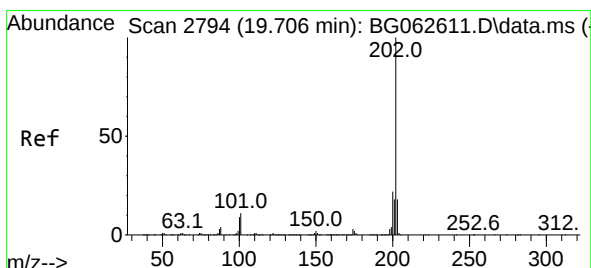
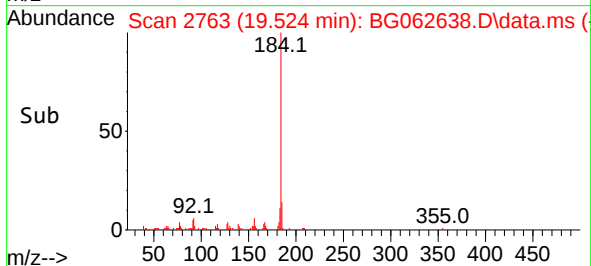
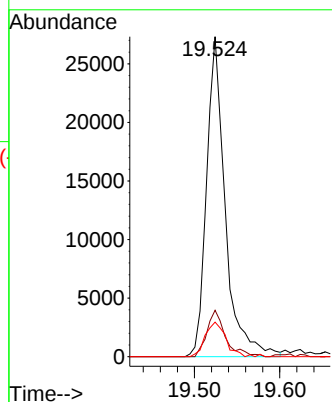
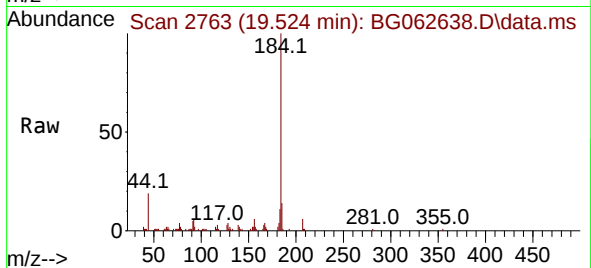
Tgt Ion:184 Resp: 41686

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.6

183 10.8 9.7 14.5



#78

Pyrene

Concen: 3.798 ng

RT: 19.706 min Scan# 2794

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

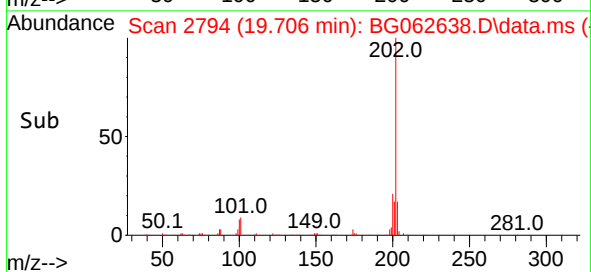
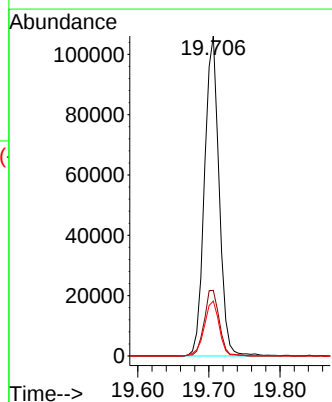
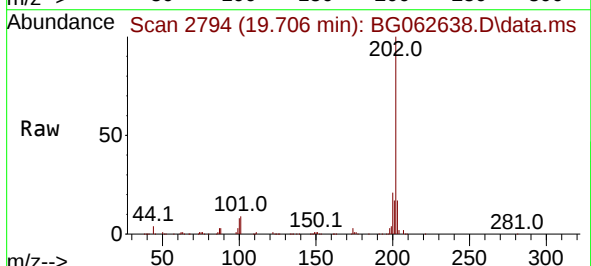
Tgt Ion:202 Resp: 151648

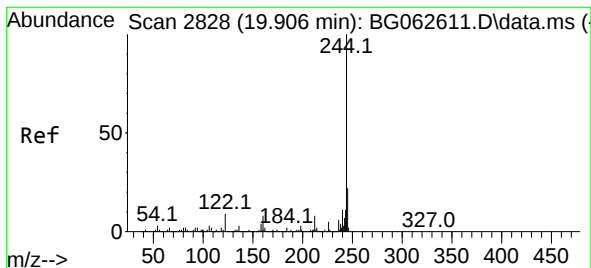
Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 72.193 ng

RT: 19.906 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

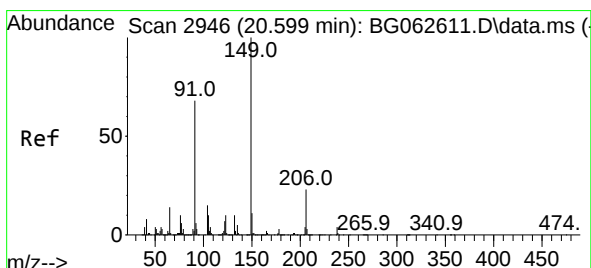
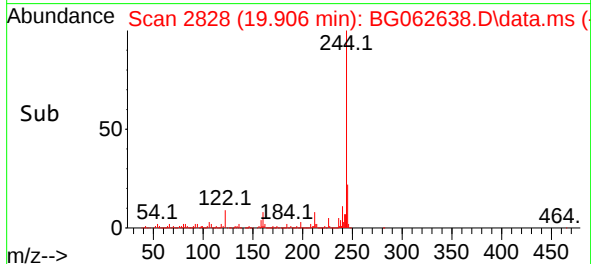
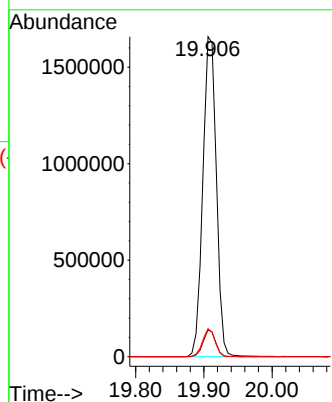
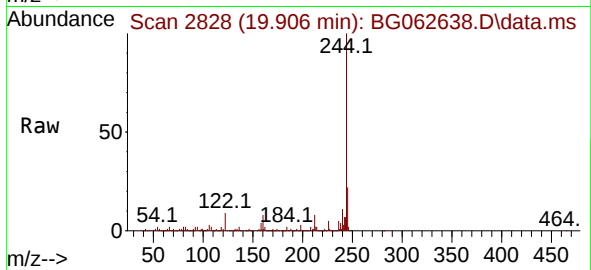
Tgt Ion:244 Resp: 2286952

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 8.7 7.2 10.8



#80

Butylbenzylphthalate

Concen: 3.253 ng

RT: 20.599 min Scan# 2946

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

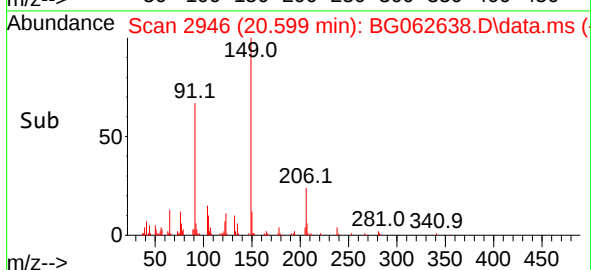
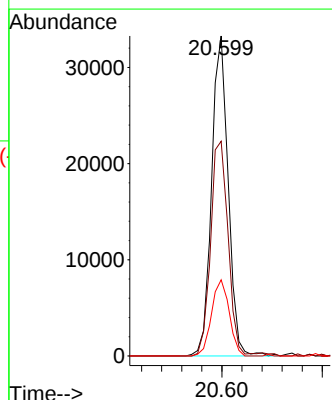
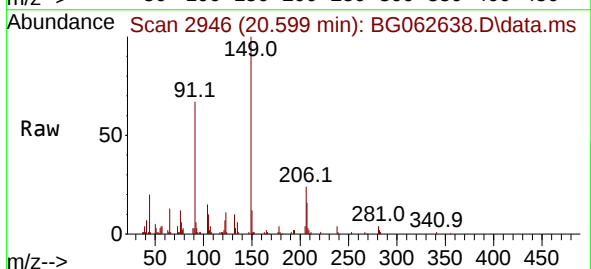
Tgt Ion:149 Resp: 38150

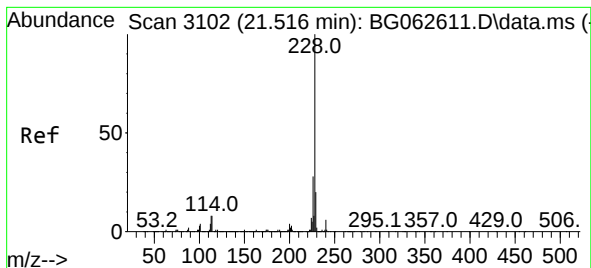
Ion Ratio Lower Upper

149 100

91 67.1 54.6 81.8

206 23.8 18.4 27.6





#81

Benzo(a)anthracene

Concen: 4.048 ng

RT: 21.516 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

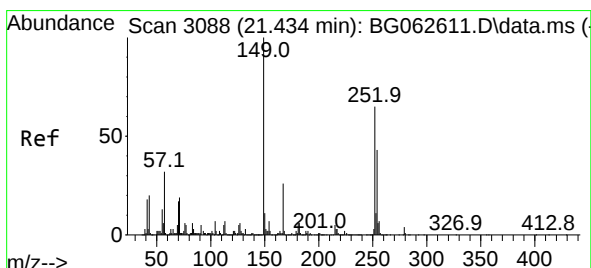
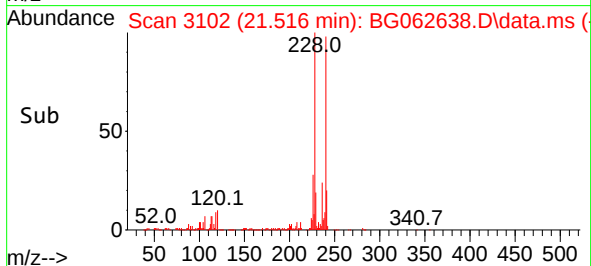
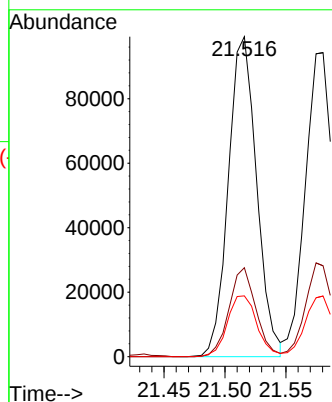
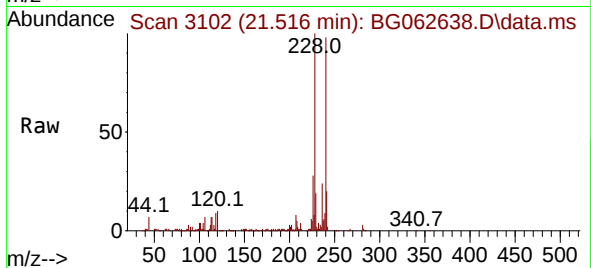
Tgt Ion:228 Resp: 160380

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 3.878 ng

RT: 21.434 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

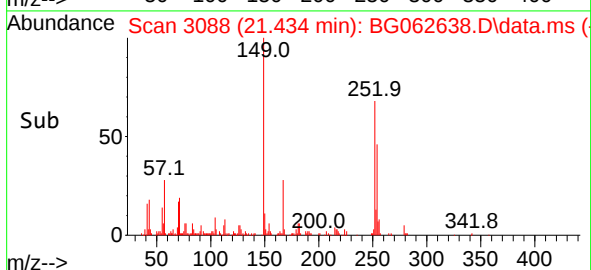
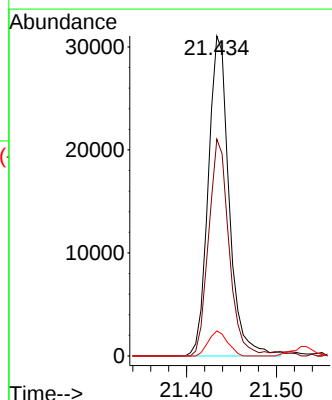
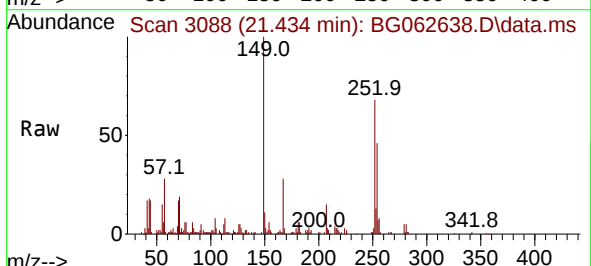
Tgt Ion:252 Resp: 50047

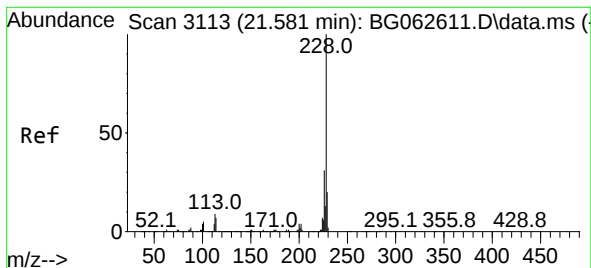
Ion Ratio Lower Upper

252 100

254 67.7 52.2 78.2

126 7.9 6.7 10.1





#83

Chrysene

Concen: 4.035 ng

RT: 21.581 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

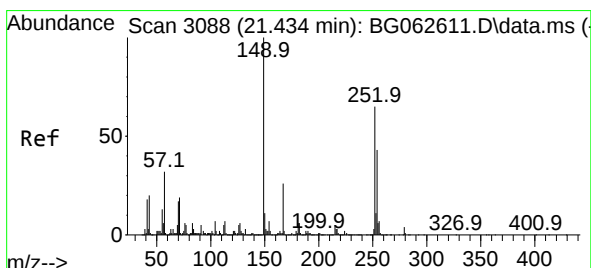
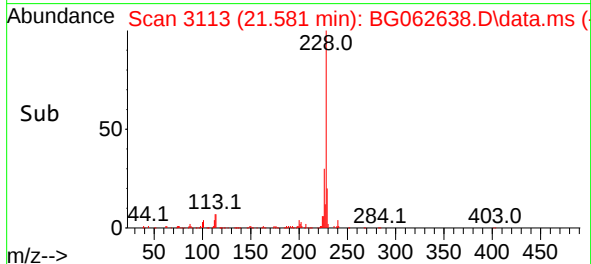
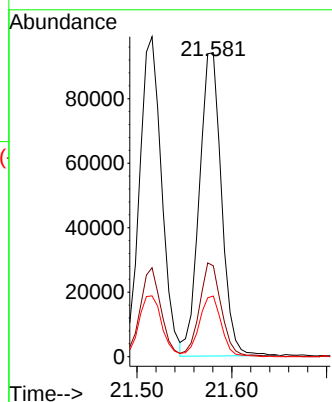
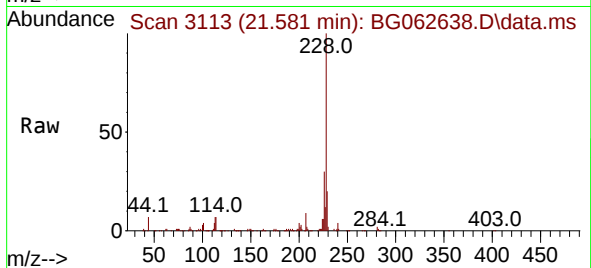
Tgt Ion:228 Resp: 153123

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.395 ng

RT: 21.434 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

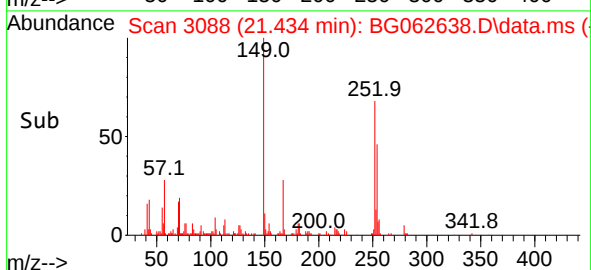
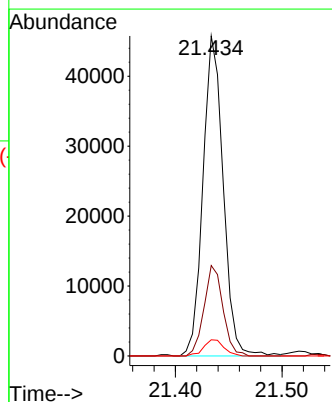
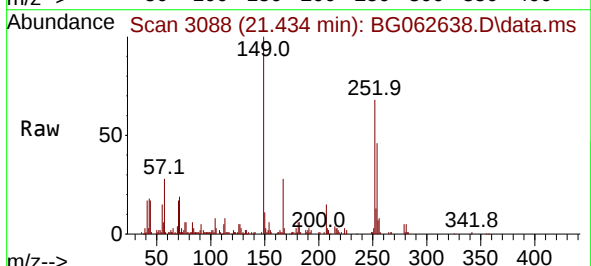
Tgt Ion:149 Resp: 60490

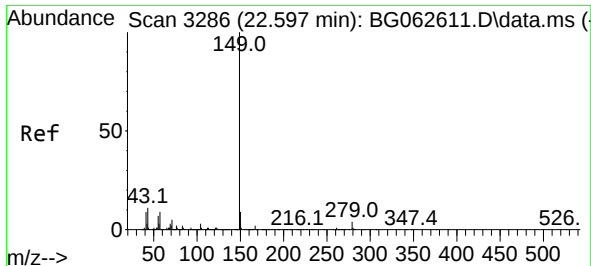
Ion Ratio Lower Upper

149 100

167 28.2 20.5 30.7

279 5.1 3.1 4.7#

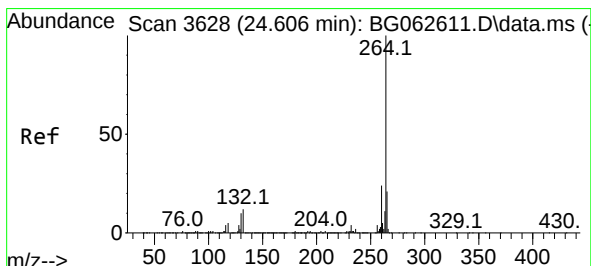
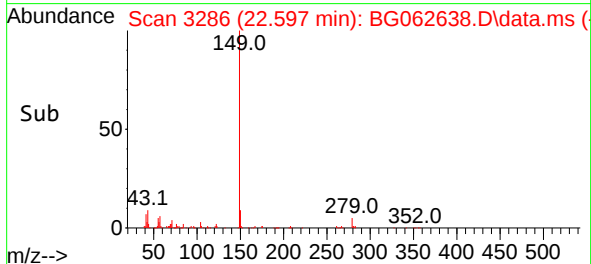
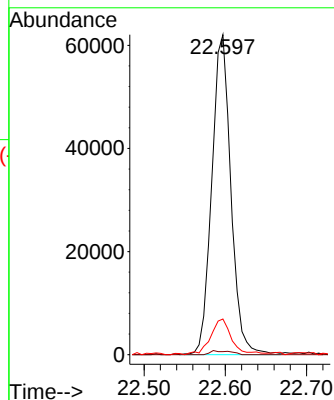
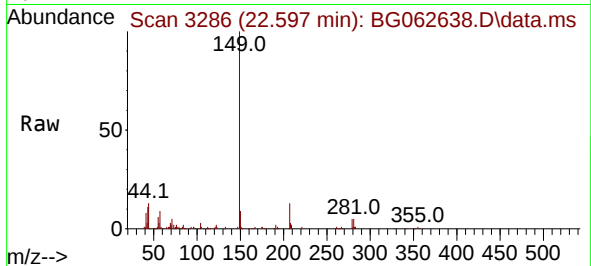




#85
Di-n-octyl phthalate
Concen: 3.251 ng
RT: 22.597 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

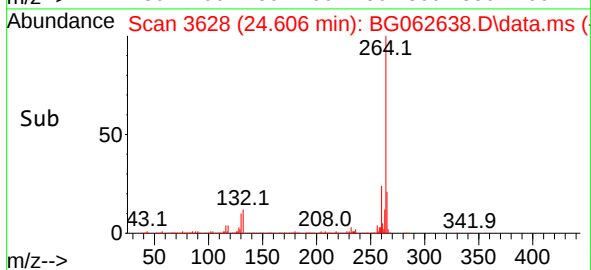
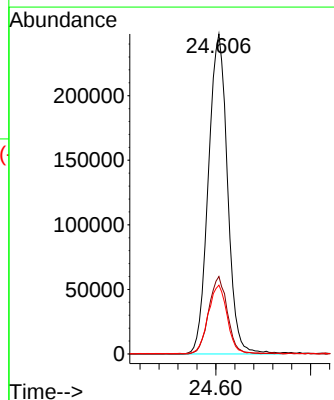
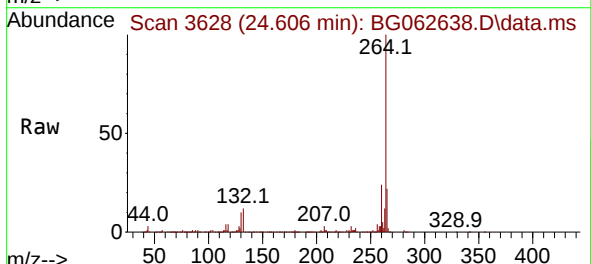
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:149 Resp: 101429
Ion Ratio Lower Upper
149 100
167 1.3 1.4 2.0#
43 12.5 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.606 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:264 Resp: 693377
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.947 ng

RT: 28.055 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

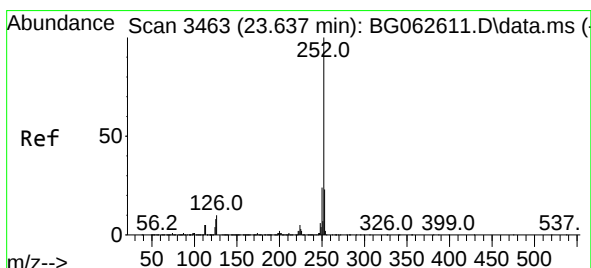
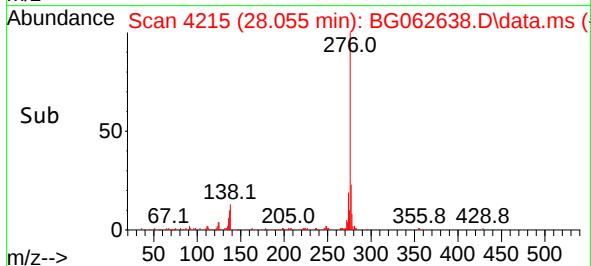
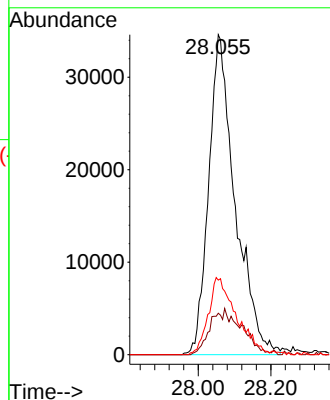
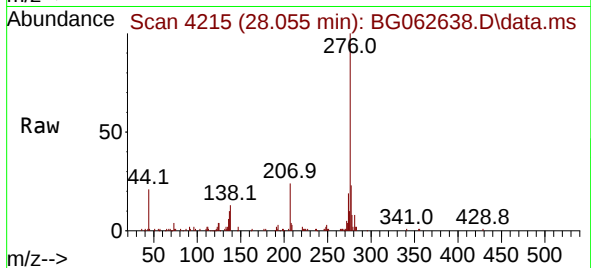
Tgt Ion:276 Resp: 175504

Ion Ratio Lower Upper

276 100

138 7.2 14.9 22.3#

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.911 ng

RT: 23.631 min Scan# 3462

Delta R.T. -0.006 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

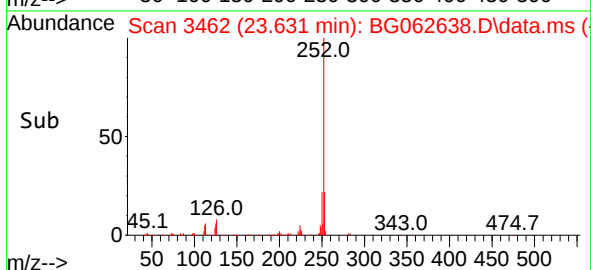
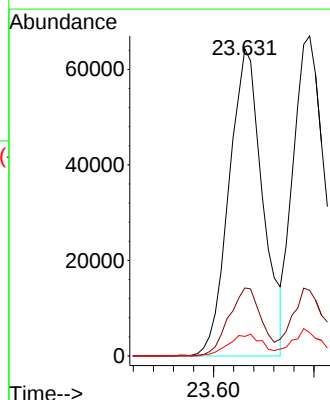
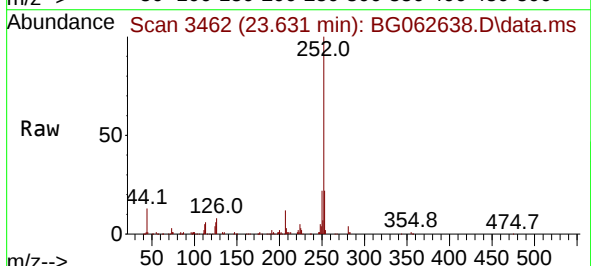
Tgt Ion:252 Resp: 149797

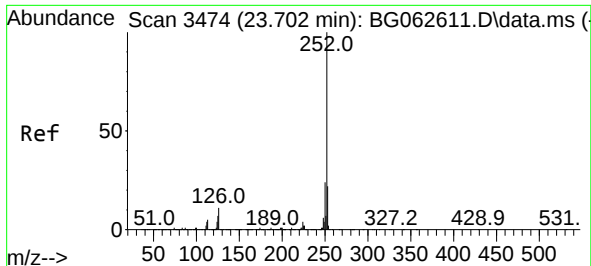
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 6.4 6.2 9.2

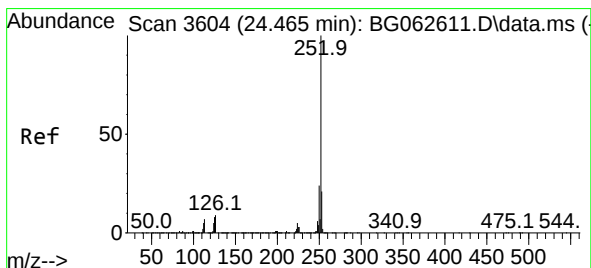
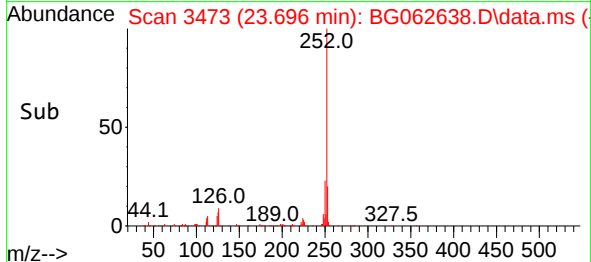
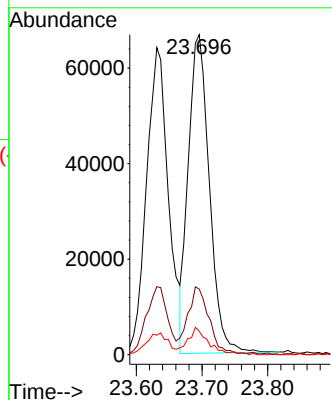
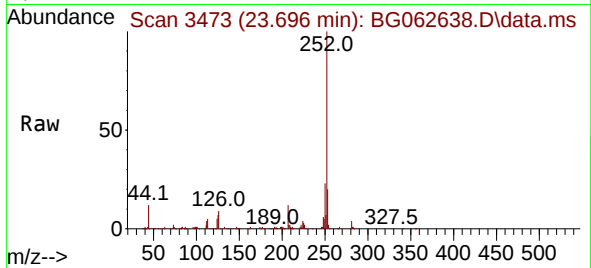




#89
Benzo(k)fluoranthene
Concen: 3.971 ng
RT: 23.696 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

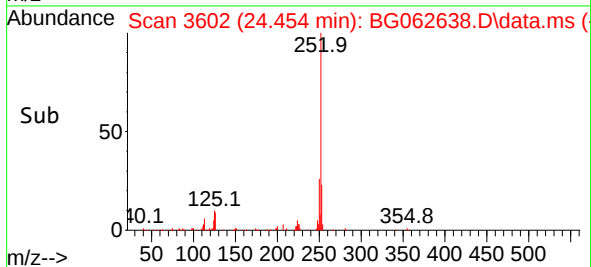
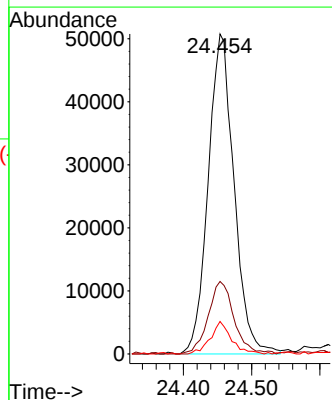
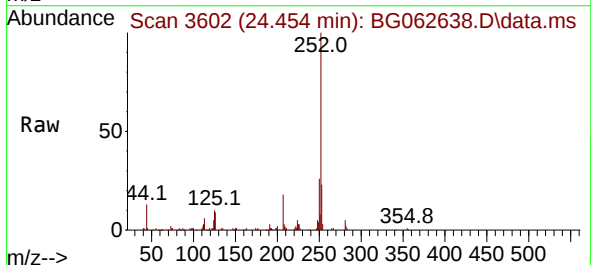
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

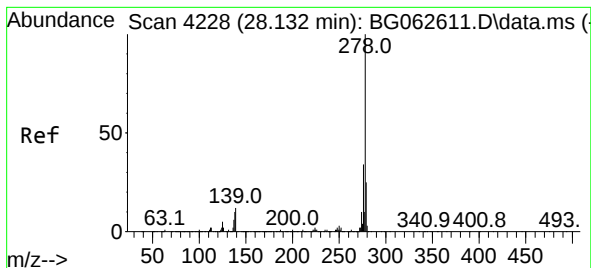
Tgt Ion:252 Resp: 148782
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 7.3 6.1 9.1



#90
Benzo(a)pyrene
Concen: 3.955 ng
RT: 24.454 min Scan# 3602
Delta R.T. -0.012 min
Lab File: BG062638.D
Acq: 4 Sep 2024 11:05

Tgt Ion:252 Resp: 133822
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.1 6.6 10.0#





#91

Dibenzo(a,h)anthracene

Concen: 3.853 ng

RT: 28.120 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

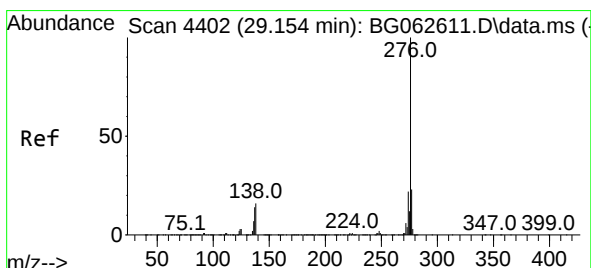
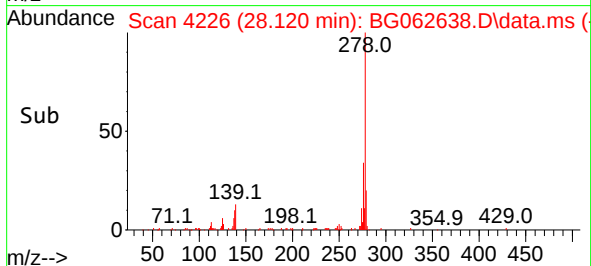
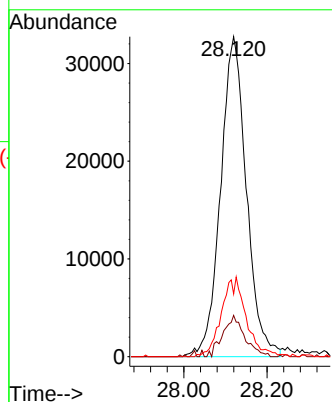
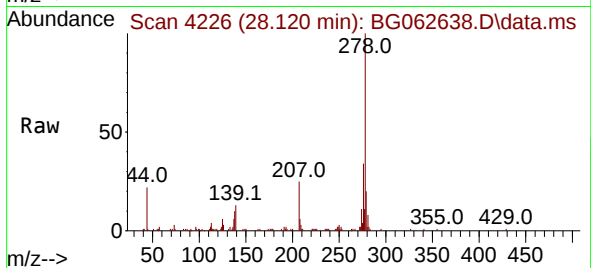
Tgt Ion:278 Resp: 141119

Ion Ratio Lower Upper

278 100

139 12.9 9.2 13.8

279 19.6 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 3.685 ng

RT: 29.136 min Scan# 4399

Delta R.T. -0.018 min

Lab File: BG062638.D

Acq: 4 Sep 2024 11:05

Tgt Ion:276 Resp: 136091

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 15.6 12.7 19.1

