

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054271.D
 Acq On : 13 Jul 2022 13:22
 Operator : CG/JU
 Sample : N3214-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jul 13 13:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 12:11:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	18159	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	66017	20.000	ng	# 0.00
39) Acenaphthene-d10	14.666	164	54231	20.000	ng	0.00
64) Phenanthrene-d10	17.416	188	149173	20.000	ng	# 0.00
76) Chrysene-d12	21.687	240	189736	20.000	ng	# 0.00
86) Perylene-d12	24.919	264	201672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	95883	106.084	ng	0.00
7) Phenol-d6	7.198	99	132079	105.950	ng	-0.01
23) Nitrobenzene-d5	9.196	82	101163	83.157	ng	-0.01
42) 2,4,6-Tribromophenol	16.158	330	130844	124.553	ng	0.00
45) 2-Fluorobiphenyl	13.291	172	318451	86.282	ng	0.00
79) Terphenyl-d14	20.019	244	742503	80.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.485	88	2484	6.284	ng	# 83
3) Pyridine	3.890	79	5368	5.437	ng	# 85
4) n-Nitrosodimethylamine	3.808	42	3255	6.526	ng	# 80
6) Aniline	7.363	93	10561	7.207	ng	91
8) 2-Chlorophenol	7.604	128	7300	7.206	ng	87
9) Benzaldehyde	7.175	77	6258	8.360	ng	# 67
10) Phenol	7.228	94	7867	6.255	ng	83
11) bis(2-Chloroethyl)ether	7.451	93	6056	6.529	ng	91
12) 1,3-Dichlorobenzene	8.068	146	9163	7.449	ng	96
13) 1,4-Dichlorobenzene	8.068	146	9163	7.269	ng	97
14) 1,2-Dichlorobenzene	8.391	146	8832	7.297	ng	90
15) Benzyl Alcohol	8.273	79	6627	6.594	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.561	45	7629	5.923	ng	98
17) 2-Methylphenol	8.485	107	5891	6.555	ng	90
18) Hexachloroethane	9.120	117	3170	7.392	ng	# 69
19) n-Nitroso-di-n-propyla...	8.838	70	5700	6.698	ng	# 94
20) 3+4-Methylphenols	8.814	107	7879	6.249	ng	94
22) Acetophenone	8.855	105	10739	6.731	ng	# 95
24) Nitrobenzene	9.237	77	8850	7.400	ng	95
25) Isophorone	9.760	82	15304	6.954	ng	# 91
26) 2-Nitrophenol	9.966	139	4098	6.955	ng	# 79
27) 2,4-Dimethylphenol	10.013	122	6653	8.072	ng	92
28) bis(2-Chloroethoxy)met...	10.242	93	8161	7.285	ng	98
29) 2,4-Dichlorophenol	10.500	162	8368	7.005	ng	88
30) 1,2,4-Trichlorobenzene	10.718	180	11015	7.474	ng	# 95
31) Naphthalene	10.894	128	23306	7.020	ng	95
32) Benzoic acid	10.171	122	2065	6.157	ng	# 51
33) 4-Chloroaniline	11.006	127	9512	6.890	ng	97
34) Hexachlorobutadiene	11.182	225	9702	7.934	ng	98
35) Caprolactam	11.746	113	2192	6.444	ng	# 45
36) 4-Chloro-3-methylphenol	12.128	107	7653	6.659	ng	# 81
37) 2-Methylnaphthalene	12.498	142	17765	6.983	ng	95
38) 1-Methylnaphthalene	12.498	142	17765	7.192	ng	100
40) 1,2,4,5-Tetrachloroben...	12.868	216	17416	7.912	ng	# 94
41) Hexachlorocyclopentadiene	12.850	237	1547	2.810	ng	85
43) 2,4,6-Trichlorophenol	13.109	196	8869	7.015	ng	91

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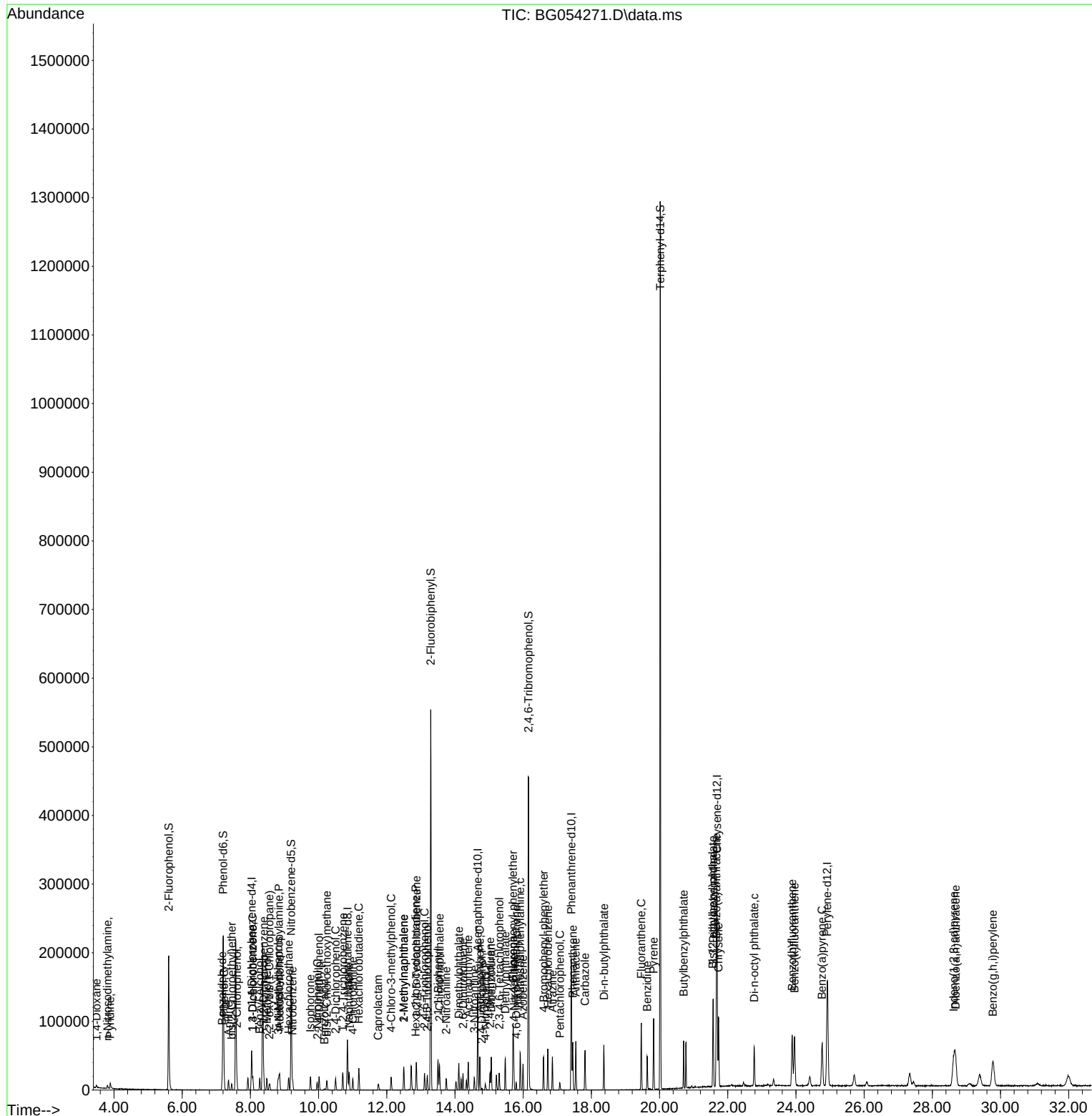
Quant Time: Jul 13 13:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
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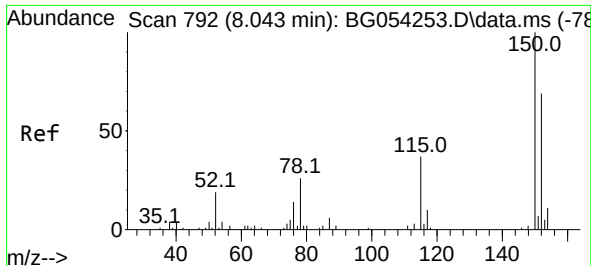
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.185	196	8993	6.503	ng	# 91
46) 1,1'-Biphenyl	13.503	154	27171	7.451	ng	97
47) 2-Chloronaphthalene	13.550	162	21554	7.070	ng	97
48) 2-Nitroaniline	13.744	65	5244	6.078	ng	90
49) Acenaphthylene	14.390	152	33796	7.307	ng	98
50) Dimethylphthalate	14.114	163	29559	6.942	ng	# 95
51) 2,6-Dinitrotoluene	14.237	165	6553	7.081	ng	# 78
52) Acenaphthene	14.731	154	19629	7.017	ng	96
53) 3-Nitroaniline	14.566	138	5075	6.186	ng	# 92
54) 2,4-Dinitrophenol	14.789	184	1446	3.332	ng	# 74
55) Dibenzofuran	15.066	168	35714	7.269	ng	98
56) 4-Nitrophenol	14.895	139	3029	5.747	ng	# 81
57) 2,4-Dinitrotoluene	15.030	165	9143	6.823	ng	# 82
58) Fluorene	15.712	166	28697	7.030	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.301	232	9359	6.757	ng	# 80
60) Diethylphthalate	15.477	149	28201	6.791	ng	95
61) 4-Chlorophenyl-phenyle...	15.700	204	19760	7.621	ng	# 88
62) 4-Nitroaniline	15.729	138	5343	6.236	ng	91
63) Azobenzene	15.994	77	20386	6.514	ng	81
65) 4,6-Dinitro-2-methylph...	15.800	198	4331	4.935	ng	# 68
66) n-Nitrosodiphenylamine	15.912	169	26130	6.945	ng	91
67) 4-Bromophenyl-phenylether	16.599	248	14687	7.382	ng	# 89
68) Hexachlorobenzene	16.728	284	16658	7.335	ng	# 89
69) Atrazine	16.858	200	13066	7.863	ng	94
70) Pentachlorophenol	17.075	266	4515	4.949	ng	91
71) Phenanthrene	17.457	178	52358	7.017	ng	97
72) Anthracene	17.545	178	53500	7.321	ng	98
73) Carbazole	17.815	167	44810	7.241	ng	98
74) Di-n-butylphthalate	18.368	149	48457	6.613	ng	98
75) Fluoranthene	19.466	202	72736	7.168	ng	97
77) Benzidine	19.637	184	35268	10.589	ng	98
78) Pyrene	19.825	202	74354	6.809	ng	98
80) Butylbenzylphthalate	20.706	149	21622	6.111	ng	# 83
81) Benzo(a)anthracene	21.664	228	86018	7.167	ng	97
82) 3,3'-Dichlorobenzidine	21.576	252	32441	8.843	ng	# 93
83) Chrysene	21.728	228	78652	6.929	ng	97
84) Bis(2-ethylhexyl)phtha...	21.564	149	33197	6.613	ng	# 99
85) Di-n-octyl phthalate	22.774	149	56441	6.531	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.626	276	104603	6.895	ng	# 99
88) Benzo(b)fluoranthene	23.890	252	89252	7.463	ng	# 99
89) Benzo(k)fluoranthene	23.955	252	86203	7.266	ng	# 97
90) Benzo(a)pyrene	24.766	252	84782	8.286	ng	# 96
91) Dibenzo(a,h)anthracene	28.679	278	91993	7.402	ng	# 93
92) Benzo(g,h,i)perylene	29.778	276	91304	7.365	ng	# 88

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

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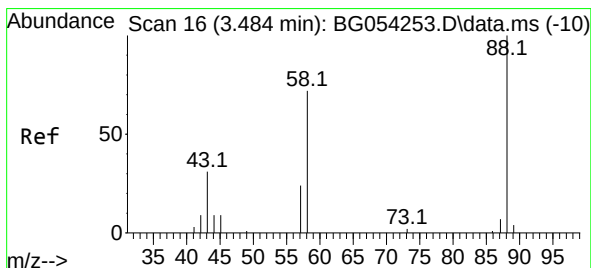
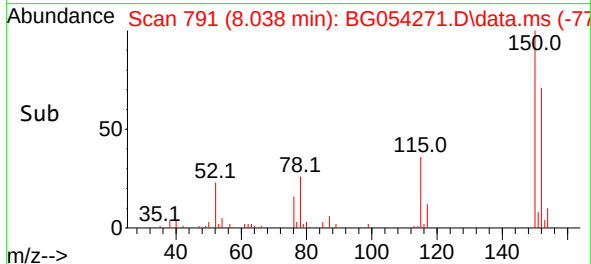
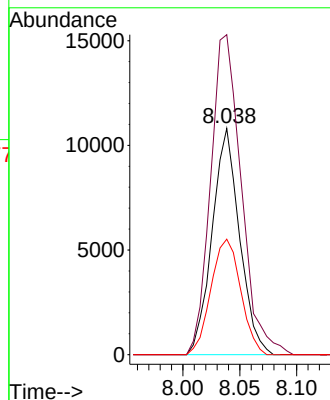
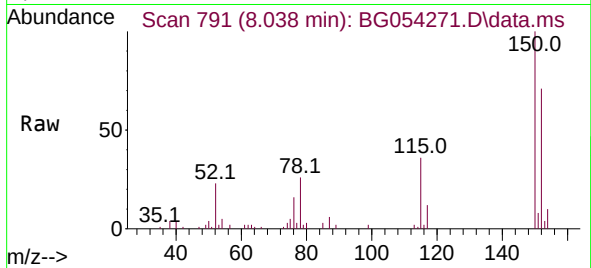




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 792
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

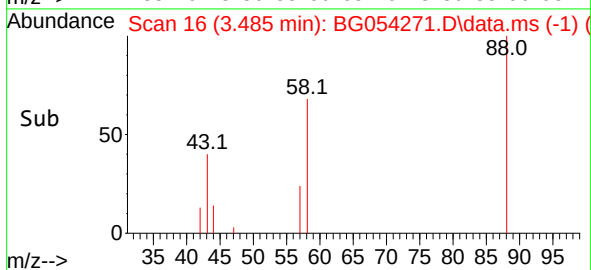
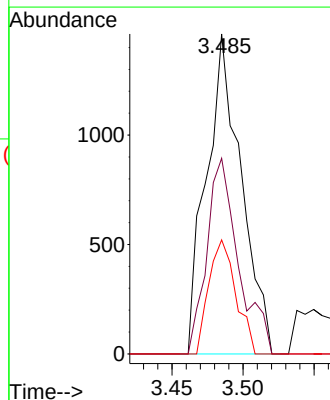
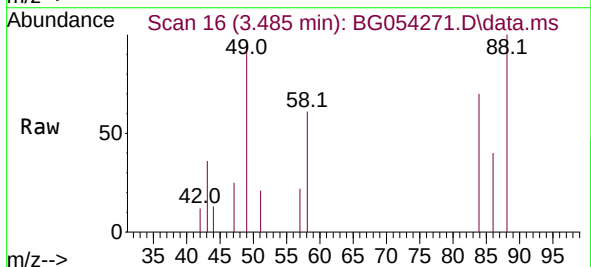
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

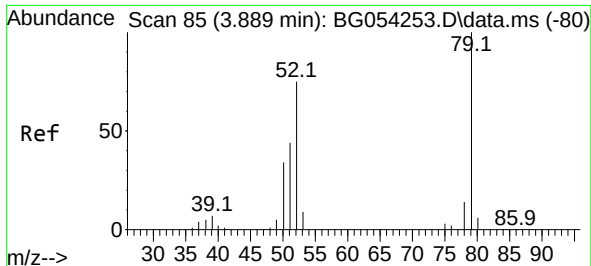
Tgt Ion:152 Resp: 18159
Ion Ratio Lower Upper
152 100
150 141.4 131.6 197.4
115 51.1 50.9 76.3



#2
1,4-Dioxane
Concen: 6.284 ng
RT: 3.485 min Scan# 16
Delta R.T. 0.001 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion: 88 Resp: 2484
Ion Ratio Lower Upper
88 100
58 55.5 59.2 88.8#
43 27.8 24.3 36.5

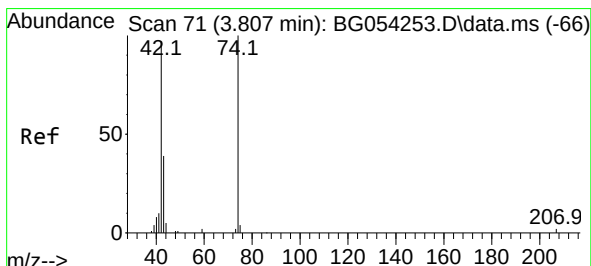
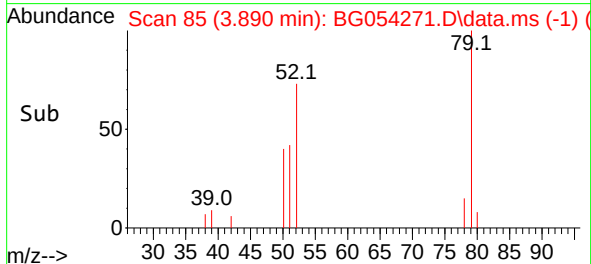
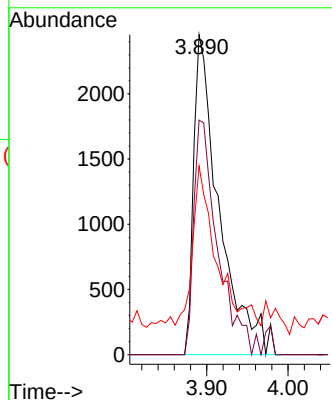
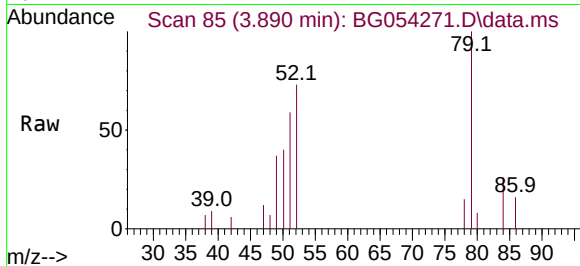




#3
 Pyridine
 Concen: 5.437 ng
 RT: 3.890 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

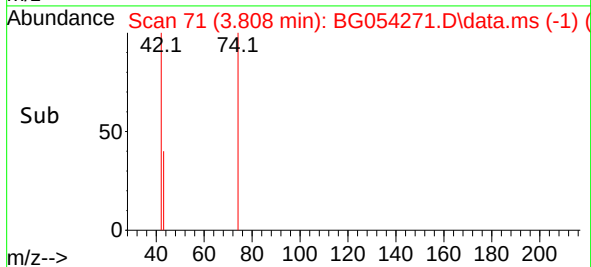
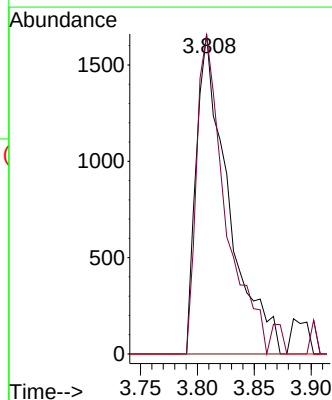
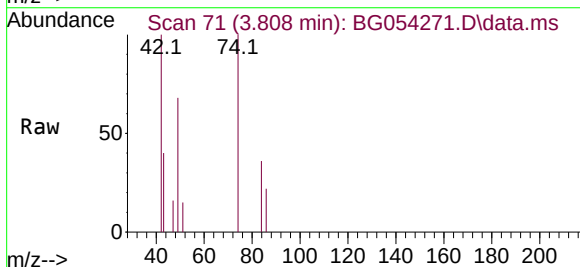
Instrument :
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 ClientSampleId :
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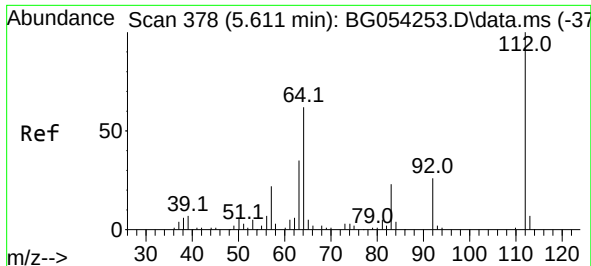
Tgt Ion: 79 Resp: 5368
 Ion Ratio Lower Upper
 79 100
 52 73.3 54.6 81.8
 51 58.9 32.5 48.7#



#4
 n-Nitrosodimethylamine
 Concen: 6.526 ng
 RT: 3.808 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

Tgt Ion: 42 Resp: 3255
 Ion Ratio Lower Upper
 42 100
 74 99.6 97.0 145.4
 44 0.0 7.0 10.4#

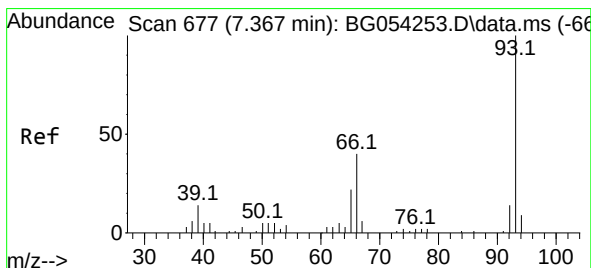
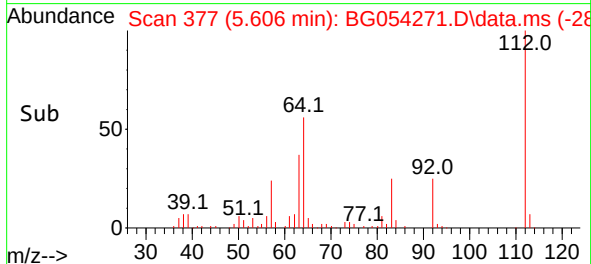
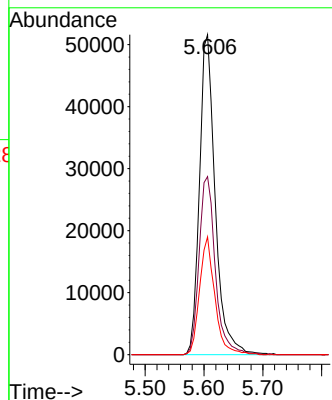
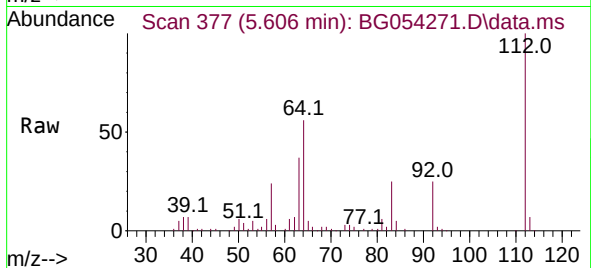




#5
2-Fluorophenol
Concen: 106.084 ng
RT: 5.606 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

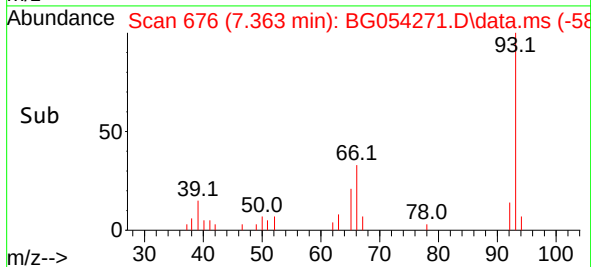
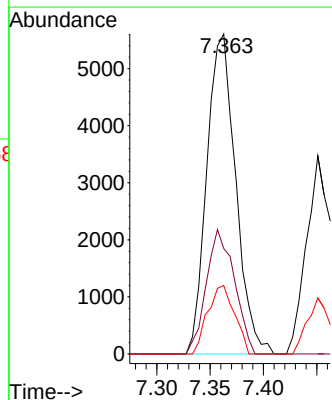
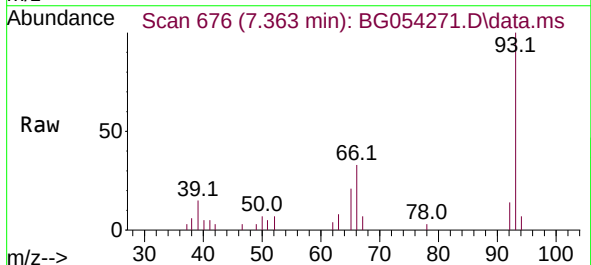
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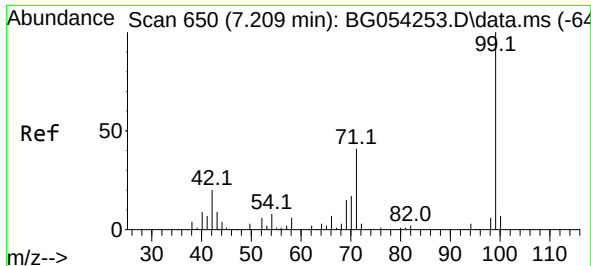
Tgt Ion:112 Resp: 95883
Ion Ratio Lower Upper
112 100
64 55.6 55.1 82.7
63 36.8 30.4 45.6



#6
Aniline
Concen: 7.207 ng
RT: 7.363 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion: 93 Resp: 10561
Ion Ratio Lower Upper
93 100
66 32.9 32.9 49.3
65 21.4 17.8 26.8

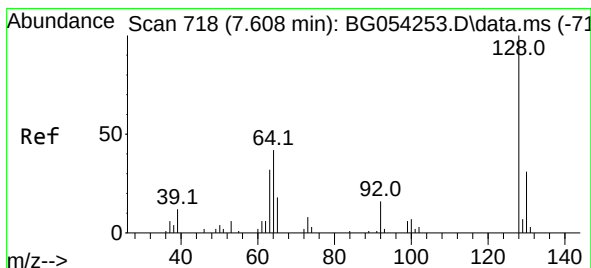
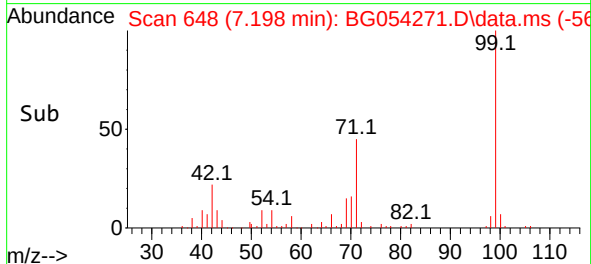
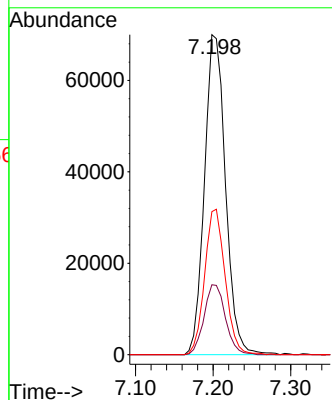
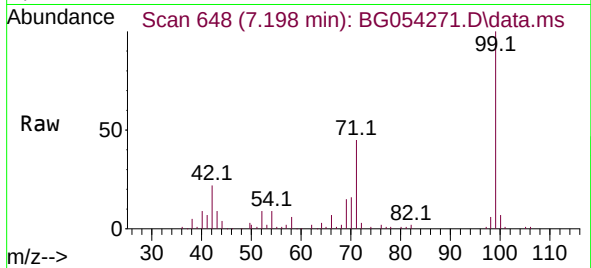




#7
Phenol-d6
Concen: 105.950 ng
RT: 7.198 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

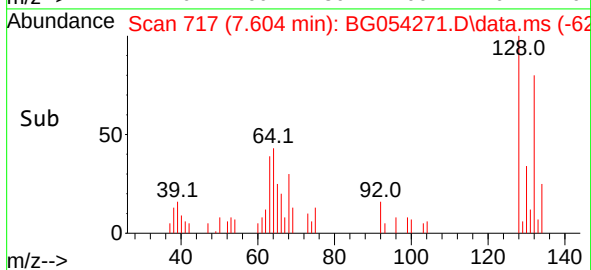
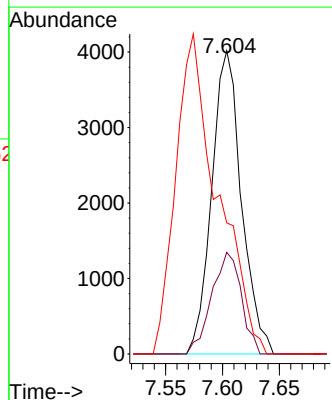
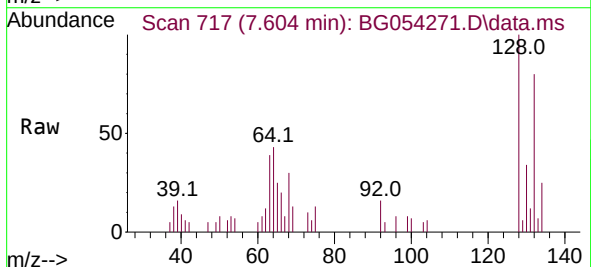
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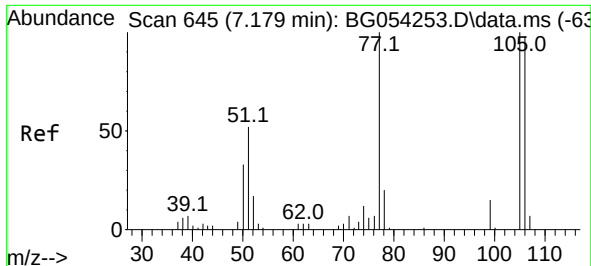
Tgt Ion: 99 Resp: 132079
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 44.7 33.8 50.8



#8
2-Chlorophenol
Concen: 7.206 ng
RT: 7.604 min Scan# 717
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:128 Resp: 7300
Ion Ratio Lower Upper
128 100
130 33.5 10.5 50.5
64 43.2 35.1 75.1





#9

Benzaldehyde

Concen: 8.360 ng

RT: 7.175 min Scan# 64

Delta R.T. -0.004 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

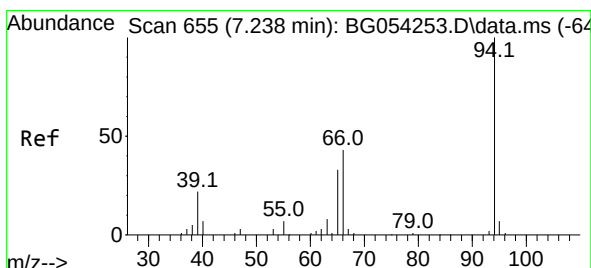
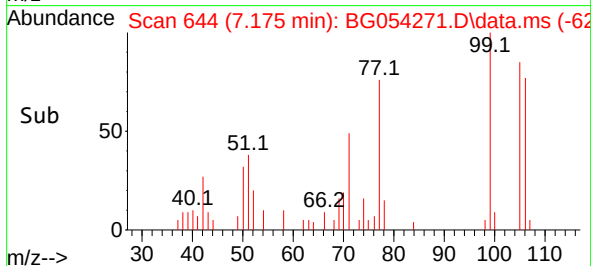
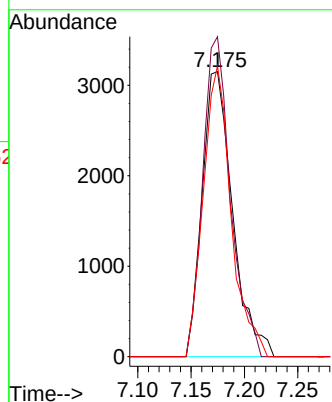
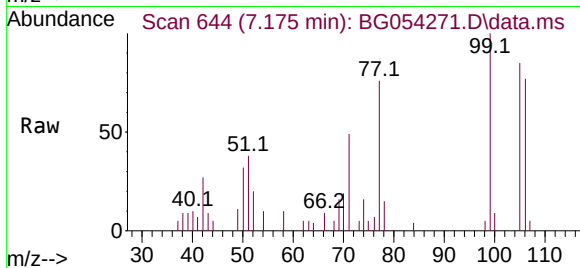
Tgt Ion: 77 Resp: 6258

Ion Ratio Lower Upper

77 100

105 112.2 59.6 99.6#

106 102.0 56.8 96.8#



#10

Phenol

Concen: 6.255 ng

RT: 7.228 min Scan# 653

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

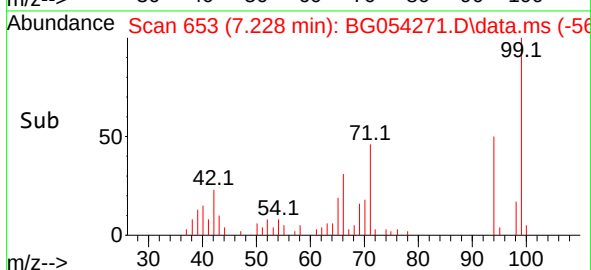
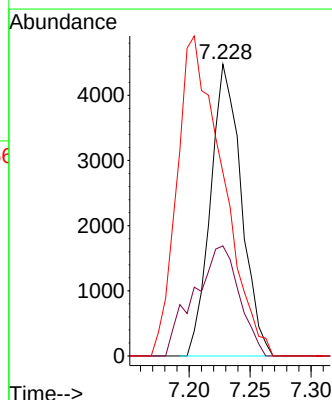
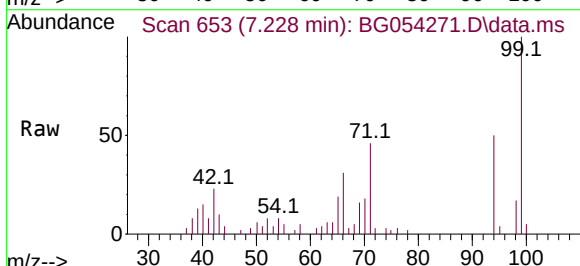
Tgt Ion: 94 Resp: 7867

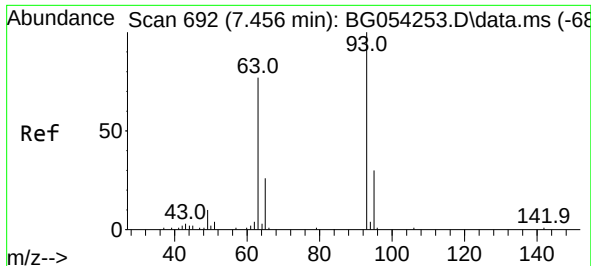
Ion Ratio Lower Upper

94 100

65 37.7 14.8 54.8

66 62.9 25.2 65.2

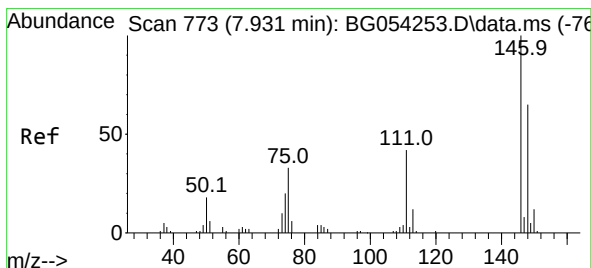
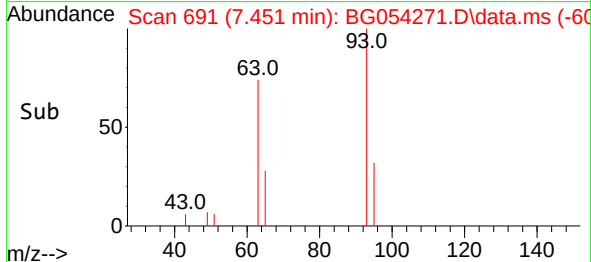
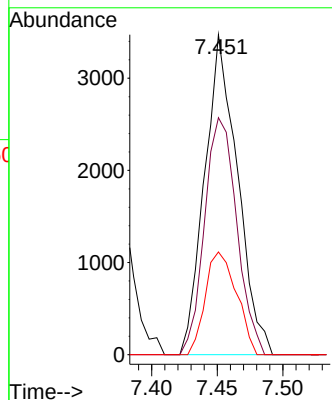
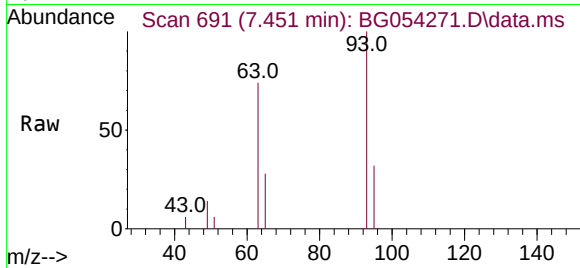




#11
bis(2-Chloroethyl)ether
Concen: 6.529 ng
RT: 7.451 min Scan# 691
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

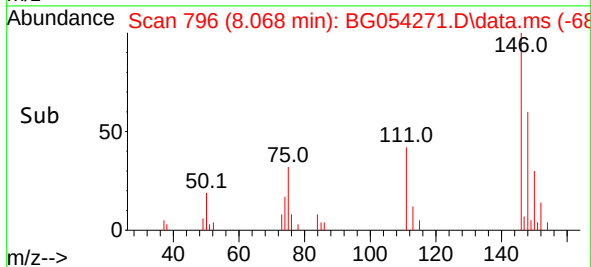
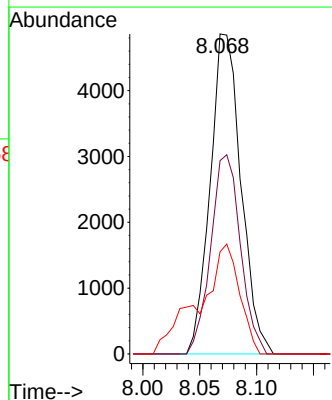
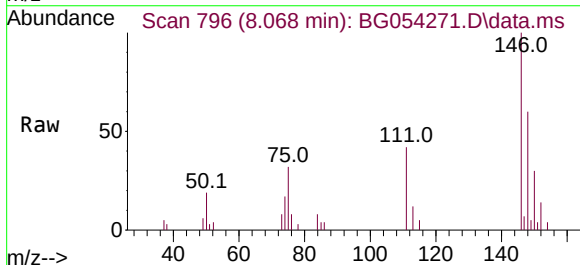
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

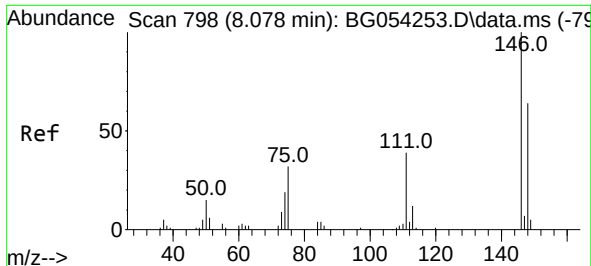
Tgt Ion: 93 Resp: 6056
Ion Ratio Lower Upper
93 100
63 74.0 63.6 103.6
95 32.1 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 7.449 ng
RT: 8.068 min Scan# 796
Delta R.T. 0.136 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion: 146 Resp: 9163
Ion Ratio Lower Upper
146 100
148 60.4 46.1 69.1
75 31.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 7.269 ng

RT: 8.068 min Scan# 798

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

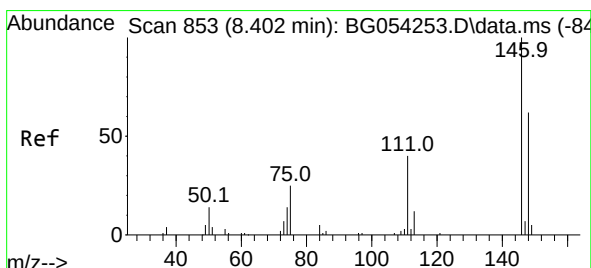
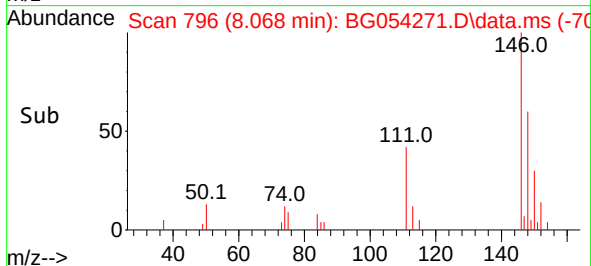
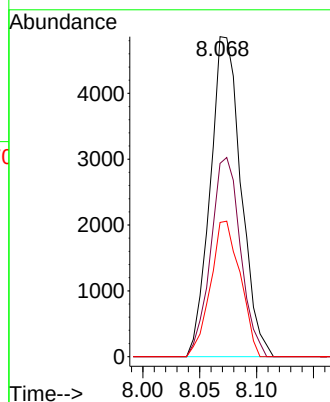
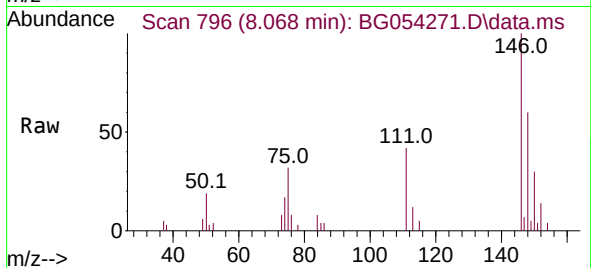
Tgt Ion:146 Resp: 9163

Ion Ratio Lower Upper

146 100

148 60.4 51.5 77.3

111 41.9 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 7.297 ng

RT: 8.391 min Scan# 851

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

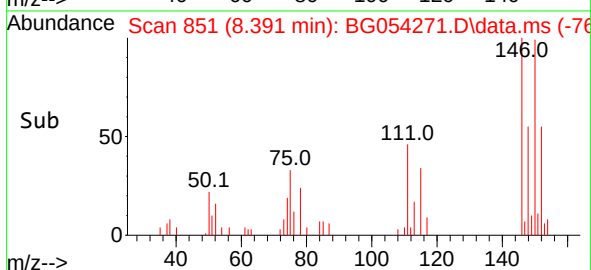
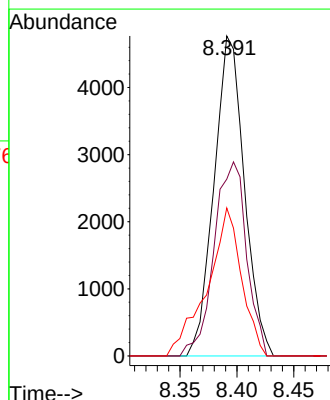
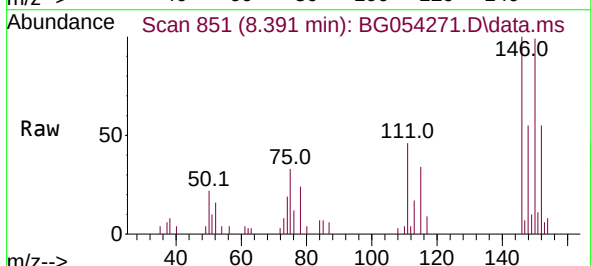
Tgt Ion:146 Resp: 8832

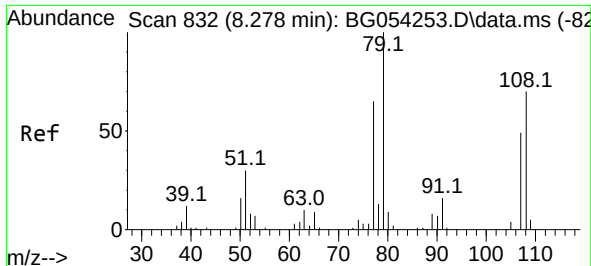
Ion Ratio Lower Upper

146 100

148 55.2 52.6 78.8

111 46.2 34.5 51.7

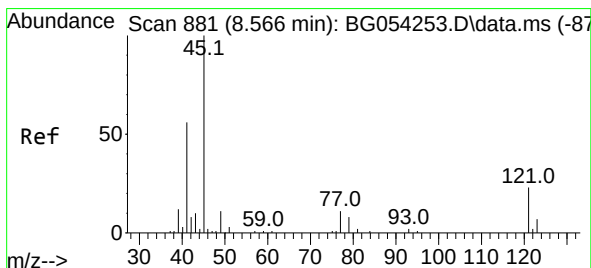
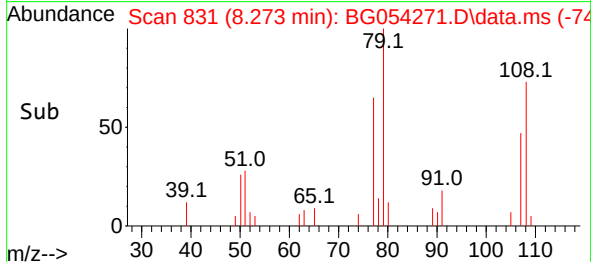
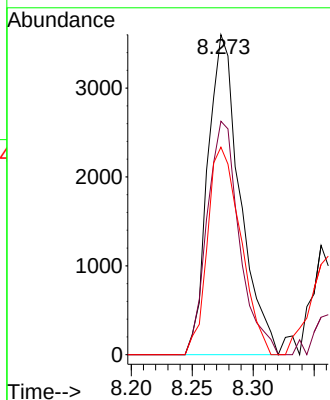
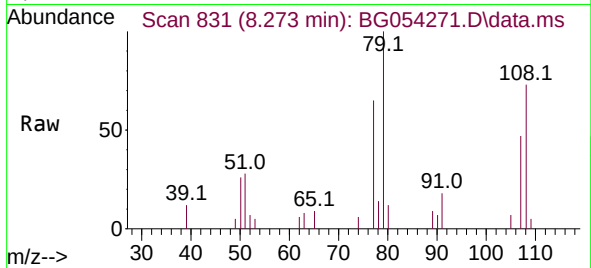




#15
Benzyl Alcohol
Concen: 6.594 ng
RT: 8.273 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

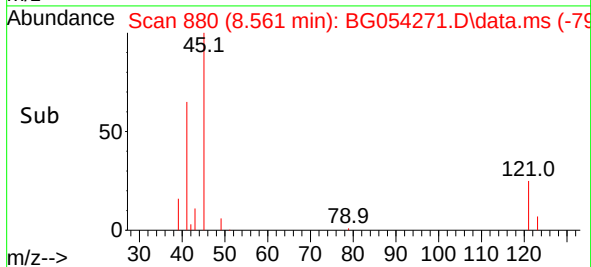
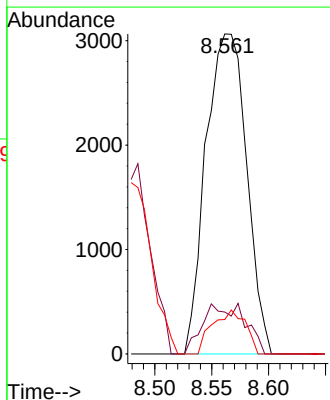
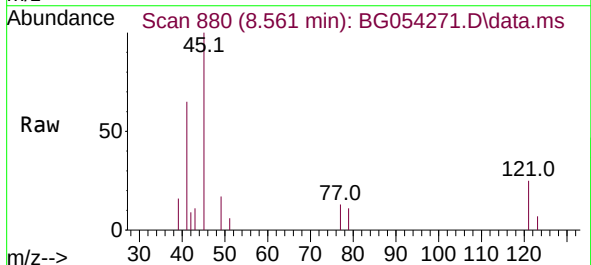
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

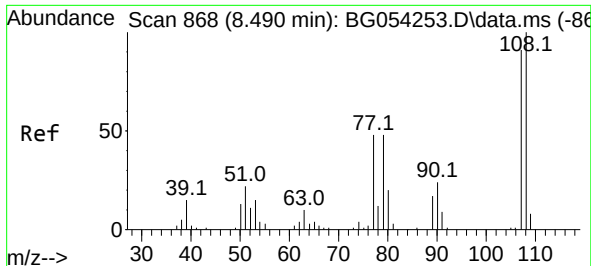
Tgt Ion: 79 Resp: 6627
Ion Ratio Lower Upper
79 100
108 73.0 53.7 80.5
77 64.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.923 ng
RT: 8.561 min Scan# 880
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion: 45 Resp: 7629
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.7
79 10.8 0.0 29.7

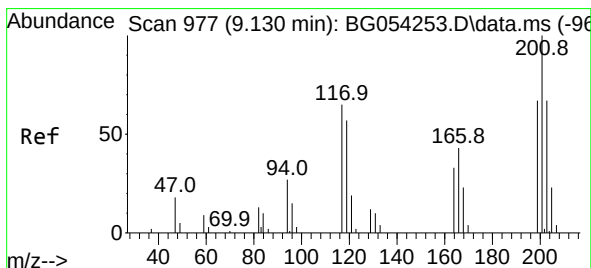
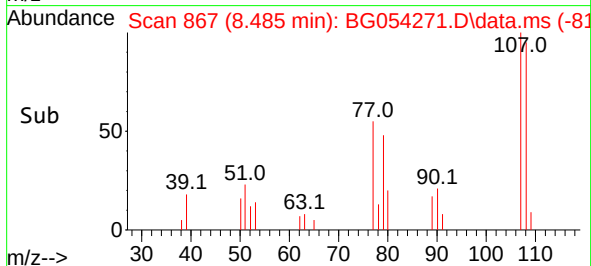
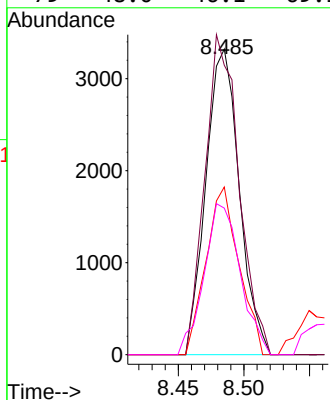
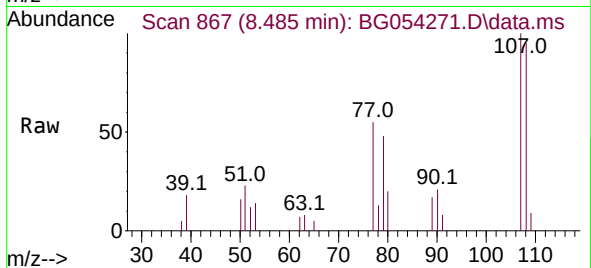




#17
2-Methylphenol
Concen: 6.555 ng
RT: 8.485 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

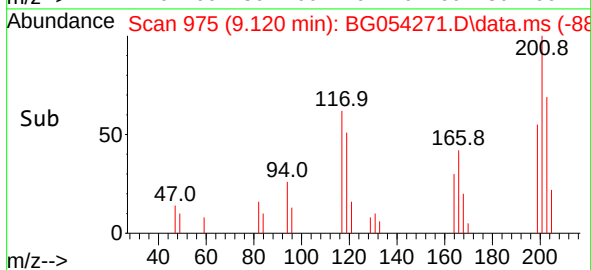
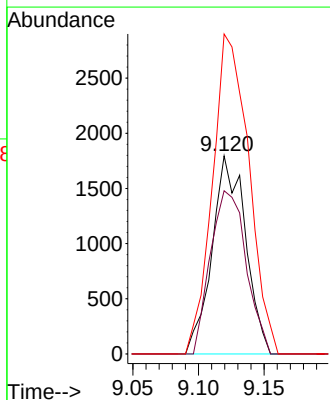
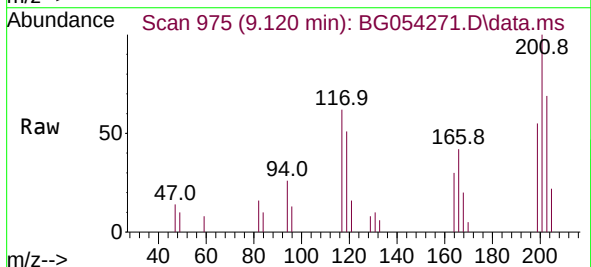
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

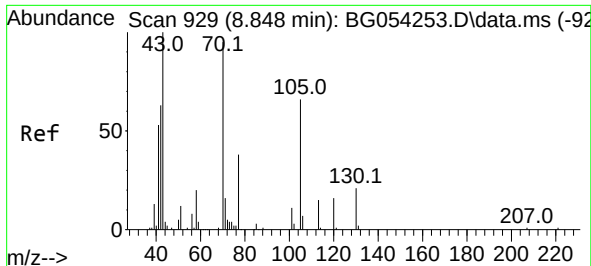
Tgt Ion:	107	Resp:	5891
Ion	Ratio	Lower	Upper
107	100		
108	94.7	85.4	128.0
77	54.9	46.2	69.2
79	48.0	46.1	69.1



#18
Hexachloroethane
Concen: 7.392 ng
RT: 9.120 min Scan# 975
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:	117	Resp:	3170
Ion	Ratio	Lower	Upper
117	100		
119	82.4	75.0	112.6
201	161.6	89.0	133.6#

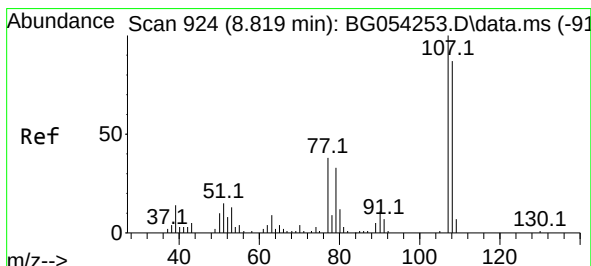
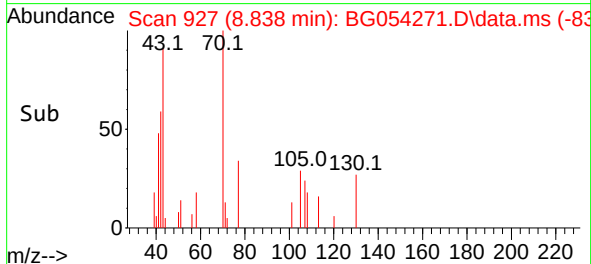
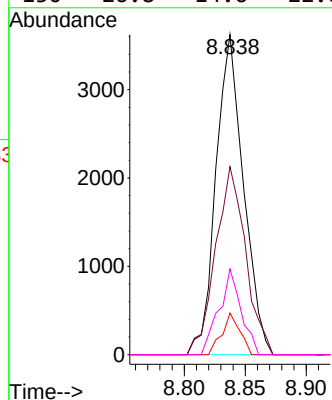
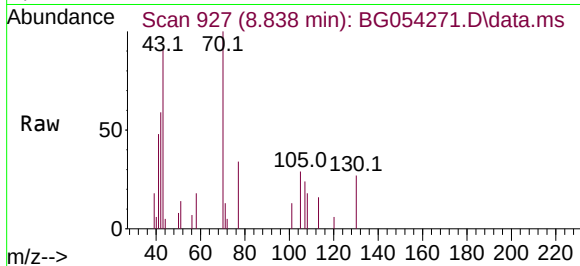




#19
n-Nitroso-di-n-propylamine
Concen: 6.698 ng
RT: 8.838 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

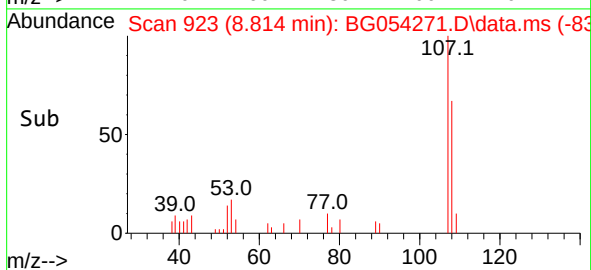
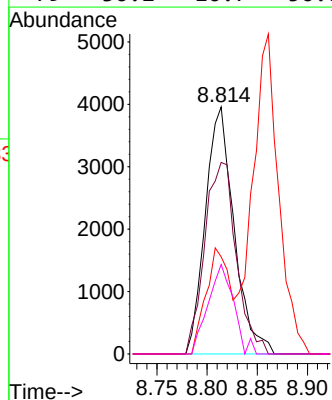
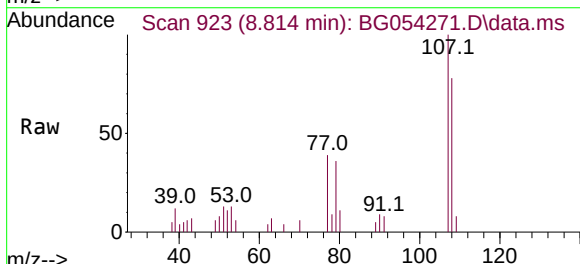
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

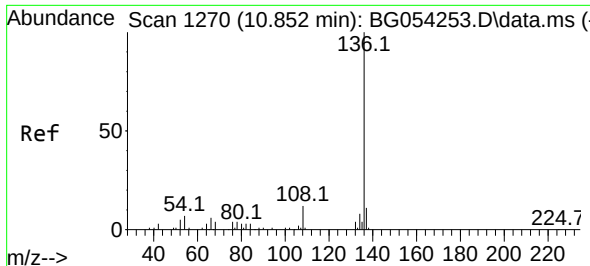
Tgt Ion:	70	Resp:	5700
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.3	70.9
101	13.0	7.0	10.4#
130	26.8	14.6	22.0#



#20
3+4-Methylphenols
Concen: 6.249 ng
RT: 8.814 min Scan# 923
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:	107	Resp:	7879
Ion	Ratio	Lower	Upper
107	100		
108	77.5	67.5	107.5
77	39.3	20.3	60.3
79	36.2	16.7	56.7

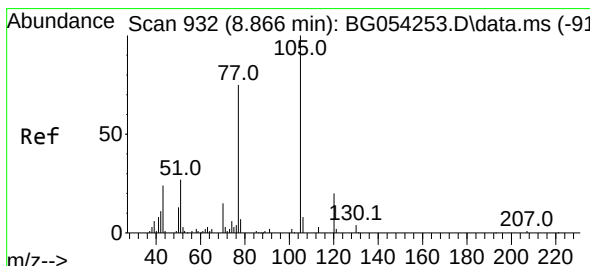
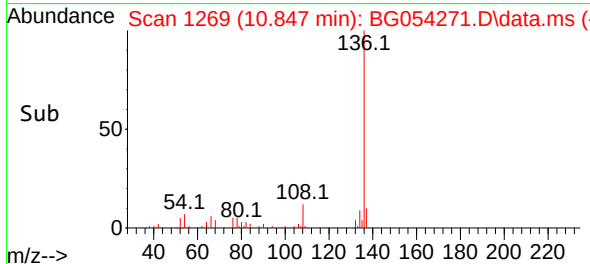
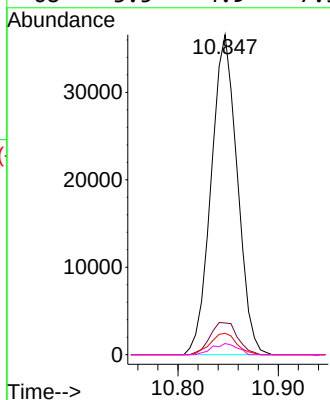
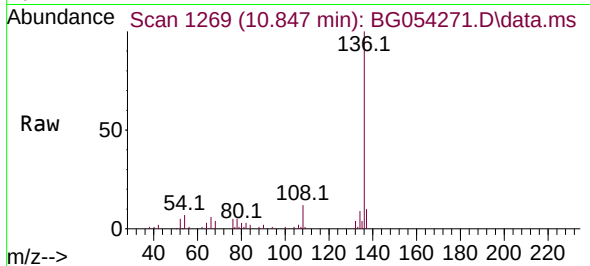




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

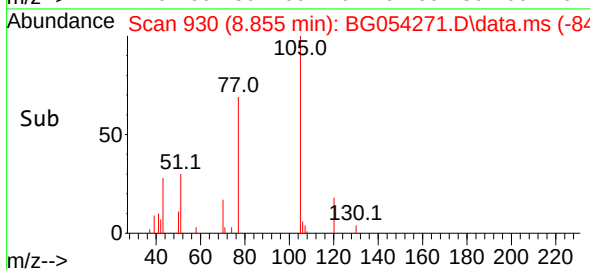
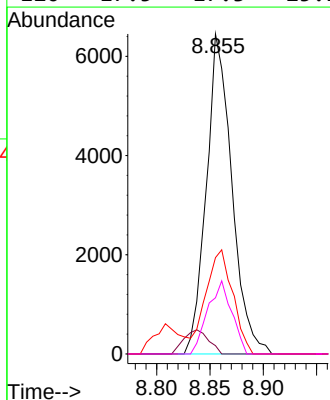
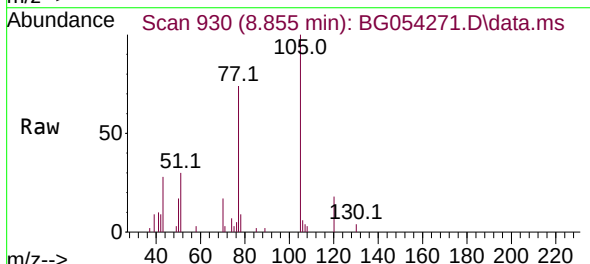
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

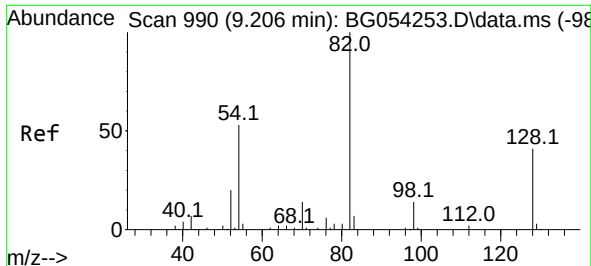
Tgt Ion:	136	Resp:	66017
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.5	12.7
54	6.7	7.4	11.2#
68	3.5	4.9	7.3#



#22
Acetophenone
Concen: 6.731 ng
RT: 8.855 min Scan# 930
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:	105	Resp:	10739
Ion Ratio	Lower	Upper	
105	100		
71	2.6	1.1	1.7#
51	30.1	25.4	38.0
120	17.5	17.3	25.9

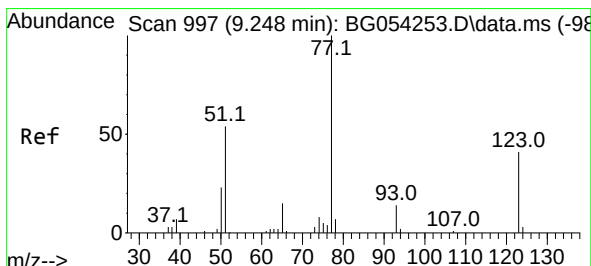
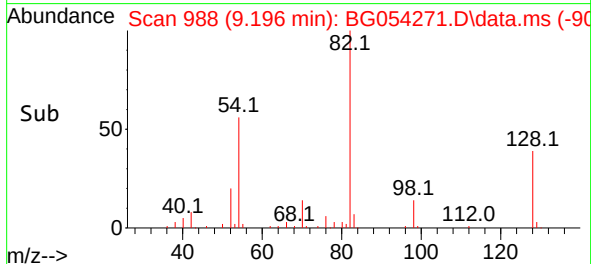
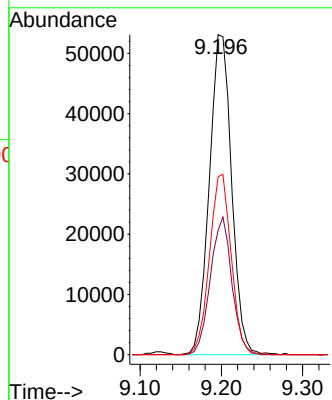
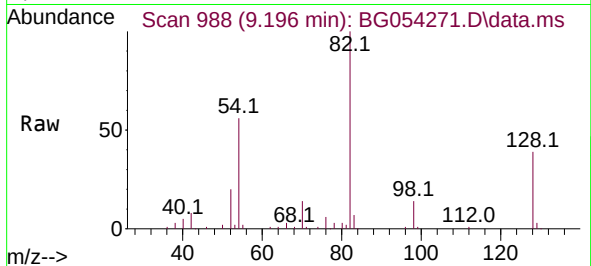




#23
Nitrobenzene-d5
Concen: 83.157 ng
RT: 9.196 min Scan# 911
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

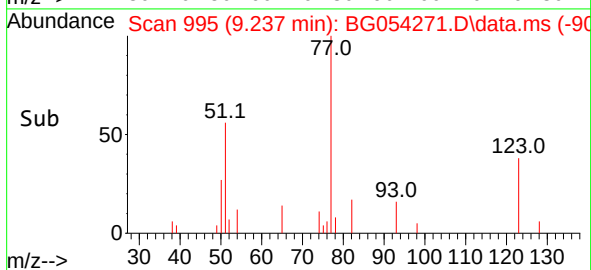
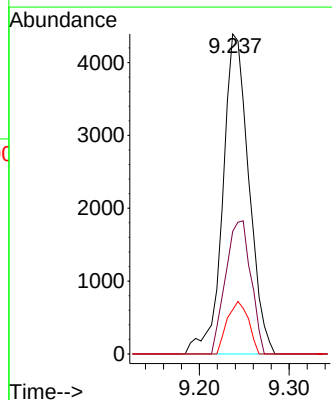
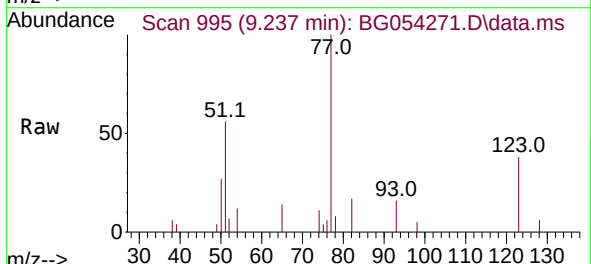
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

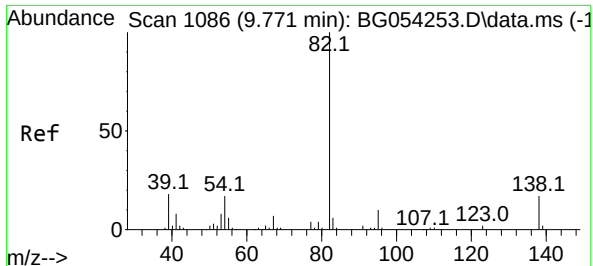
Tgt Ion: 82 Resp: 101163
Ion Ratio Lower Upper
82 100
128 38.9 27.9 41.9
54 55.6 41.2 61.8



#24
Nitrobenzene
Concen: 7.400 ng
RT: 9.237 min Scan# 995
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion: 77 Resp: 8850
Ion Ratio Lower Upper
77 100
123 38.3 27.4 41.0
65 13.8 11.4 17.0

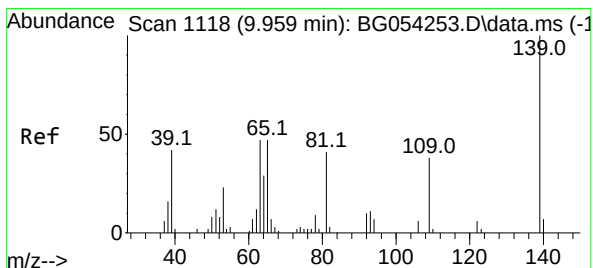
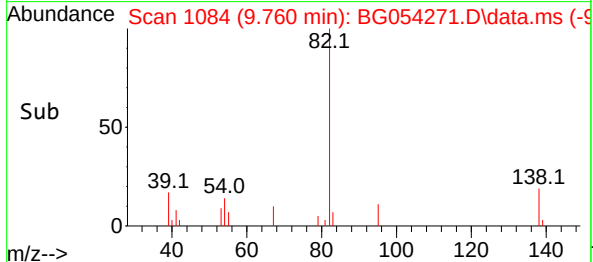
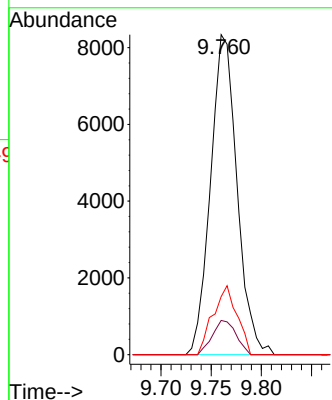
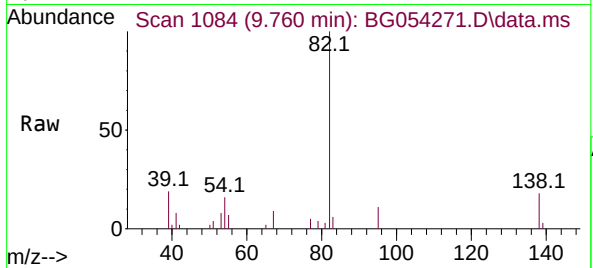




#25
Isophorone
Concen: 6.954 ng
RT: 9.760 min Scan# 1086
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

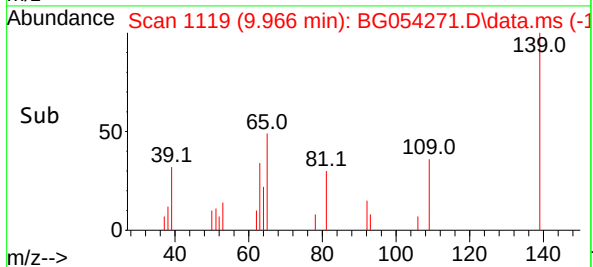
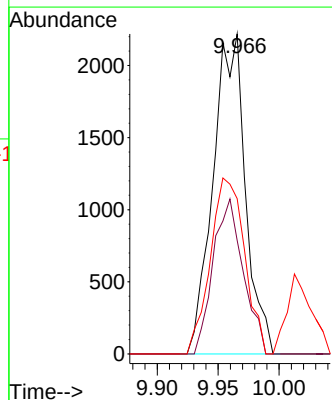
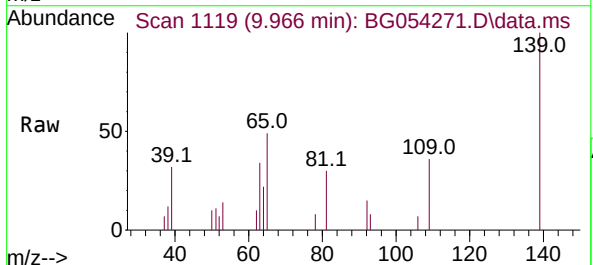
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

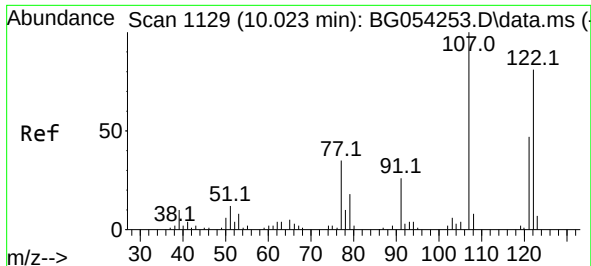
Tgt Ion: 82 Resp: 15304
Ion Ratio Lower Upper
82 100
95 10.7 6.2 9.4#
138 18.1 11.6 17.4#



#26
2-Nitrophenol
Concen: 6.955 ng
RT: 9.966 min Scan# 1119
Delta R.T. 0.007 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:139 Resp: 4098
Ion Ratio Lower Upper
139 100
109 35.5 36.1 54.1#
65 48.5 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 8.072 ng

RT: 10.013 min Scan# 1127

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

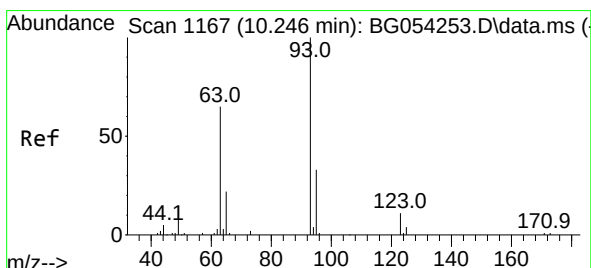
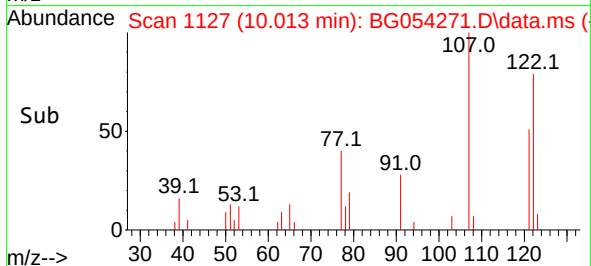
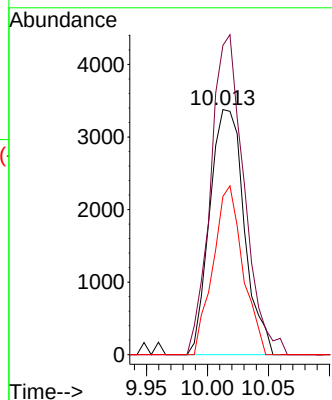
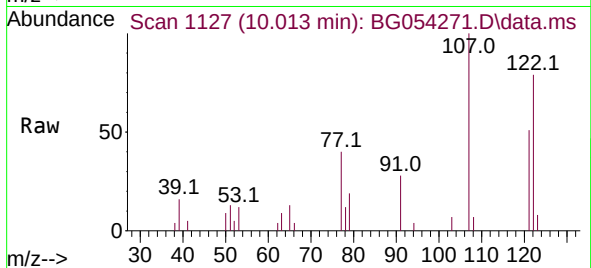
Tgt Ion:122 Resp: 6653

Ion Ratio Lower Upper

122 100

107 126.1 109.4 164.0

121 64.6 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 7.285 ng

RT: 10.242 min Scan# 1166

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

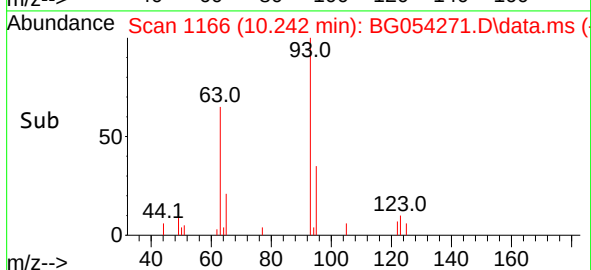
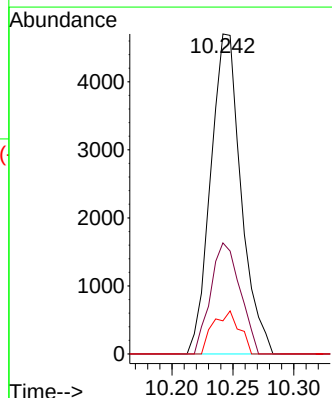
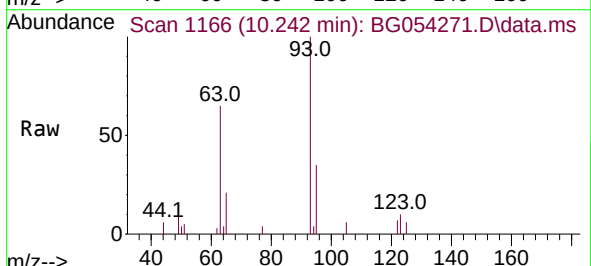
Tgt Ion: 93 Resp: 8161

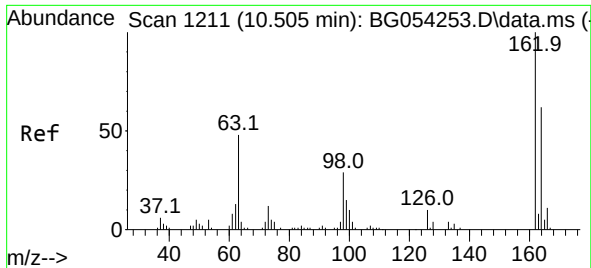
Ion Ratio Lower Upper

93 100

95 34.7 26.9 40.3

123 10.4 7.7 11.5

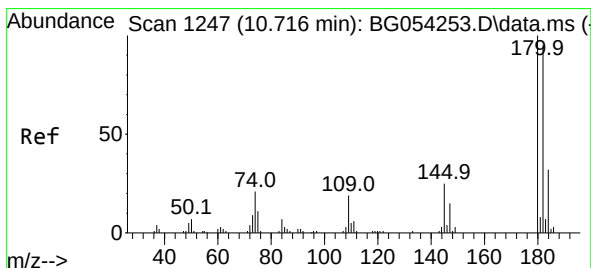
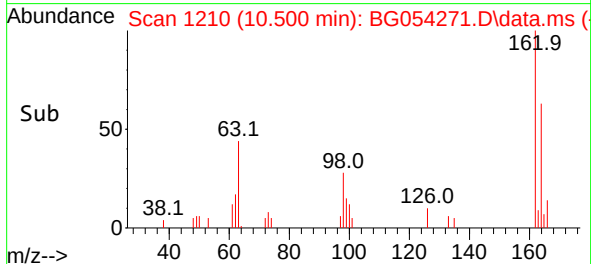
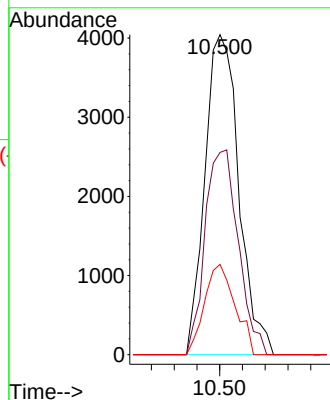
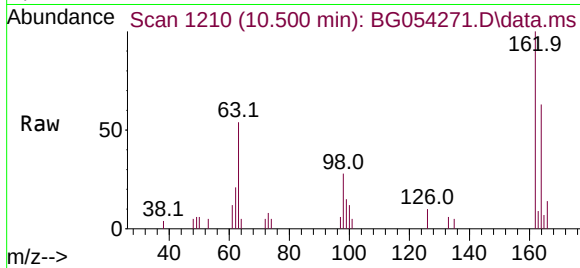




#29
2,4-Dichlorophenol
Concen: 7.005 ng
RT: 10.500 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

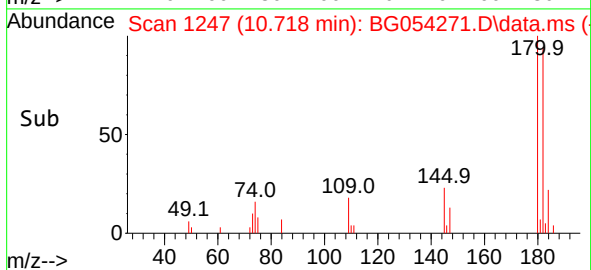
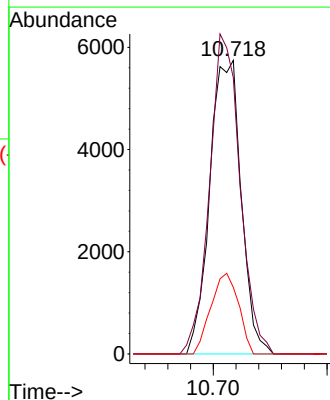
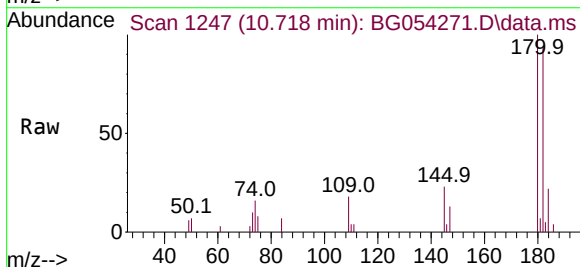
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

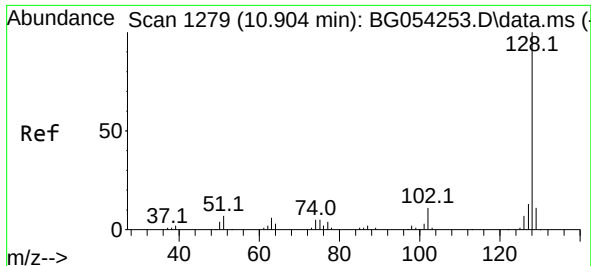
Tgt Ion:162 Resp: 8368
Ion Ratio Lower Upper
162 100
164 63.2 46.6 86.6
98 28.2 22.8 62.8



#30
1,2,4-Trichlorobenzene
Concen: 7.474 ng
RT: 10.718 min Scan# 1247
Delta R.T. 0.001 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:180 Resp: 11015
Ion Ratio Lower Upper
180 100
182 94.1 76.6 115.0
145 22.7 25.0 37.4#

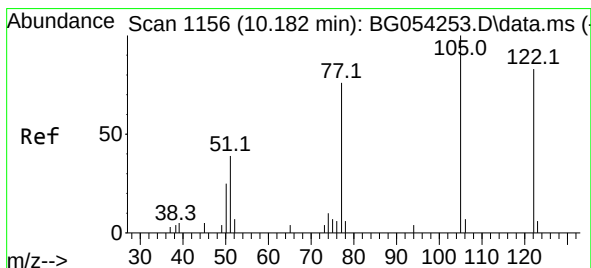
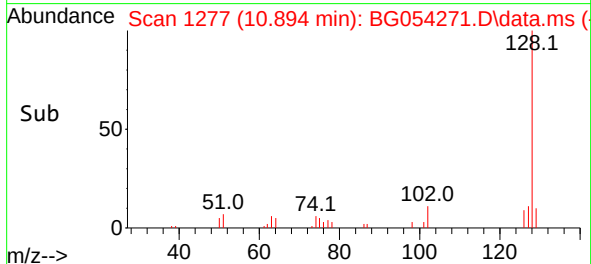
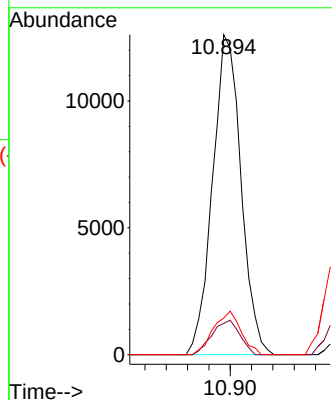
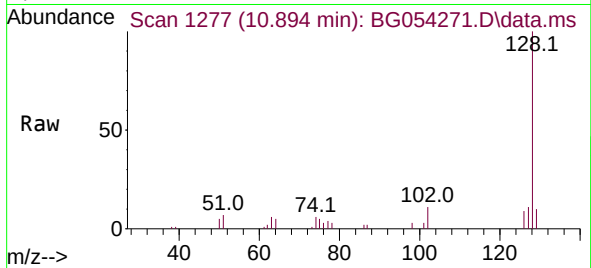




#31
Naphthalene
Concen: 7.020 ng
RT: 10.894 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

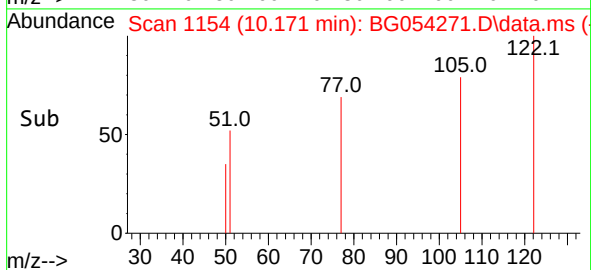
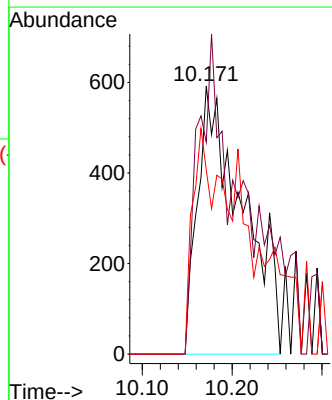
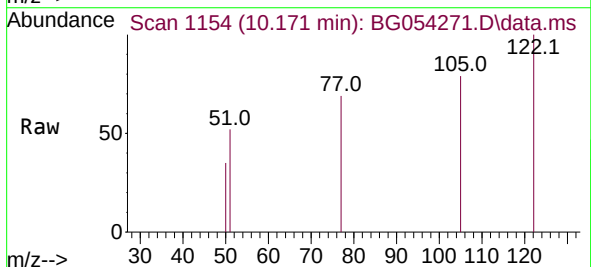
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

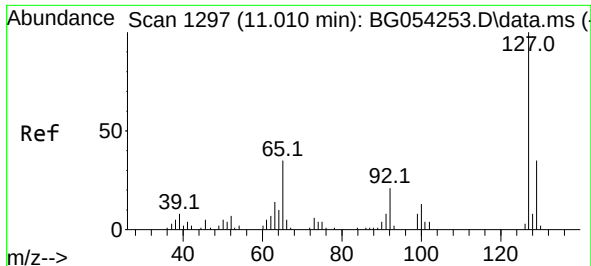
Tgt Ion:128 Resp: 23306
Ion Ratio Lower Upper
128 100
129 9.7 9.0 13.6
127 11.4 11.1 16.7



#32
Benzoic acid
Concen: 6.157 ng
RT: 10.171 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:122 Resp: 2065
Ion Ratio Lower Upper
122 100
105 79.1 111.8 151.8#
77 68.8 109.4 149.4#

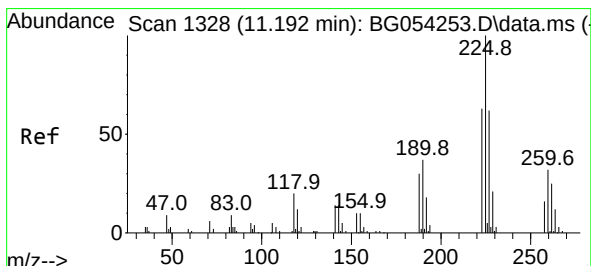
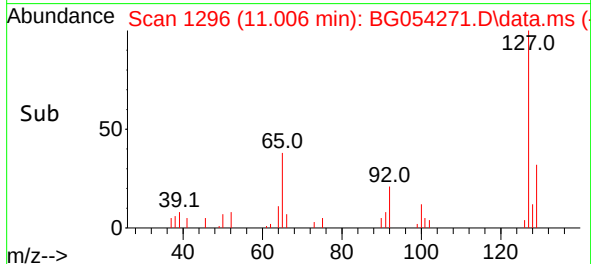
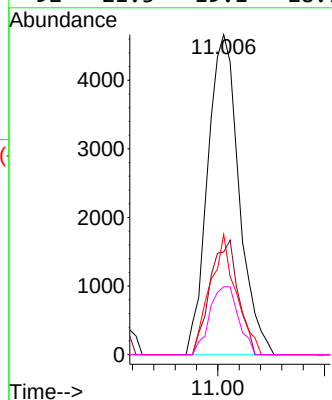
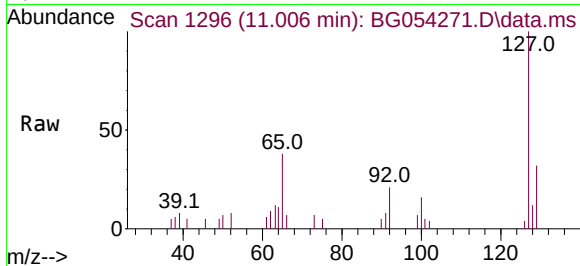




#33
4-Chloroaniline
Concen: 6.890 ng
RT: 11.006 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

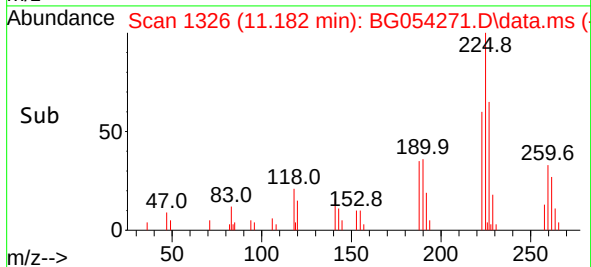
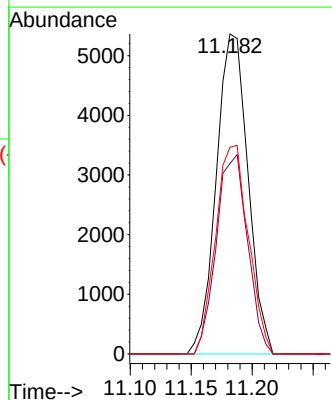
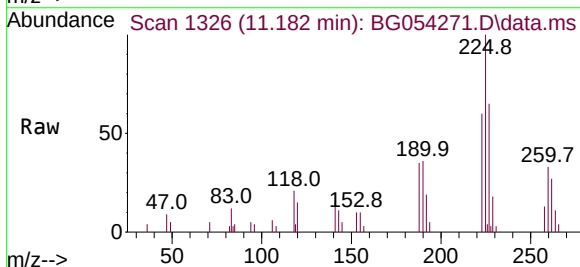
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

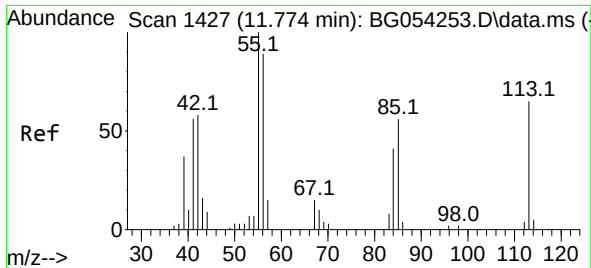
Tgt Ion:127	Resp:	9512	
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	37.6	31.1	46.7
92	21.3	19.1	28.7



#34
Hexachlorobutadiene
Concen: 7.934 ng
RT: 11.182 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:225	Resp:	9702	
Ion	Ratio	Lower	Upper
225	100		
223	59.5	48.9	73.3
227	64.6	52.8	79.2

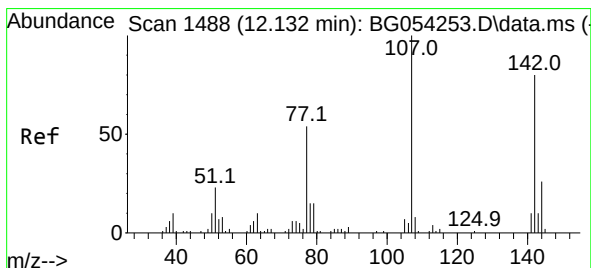
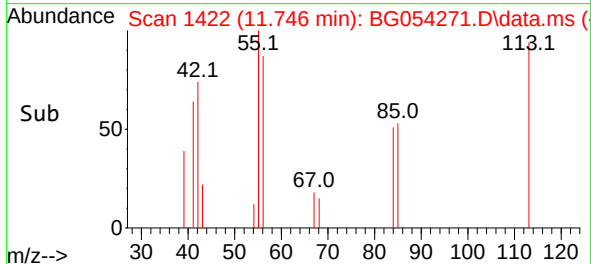
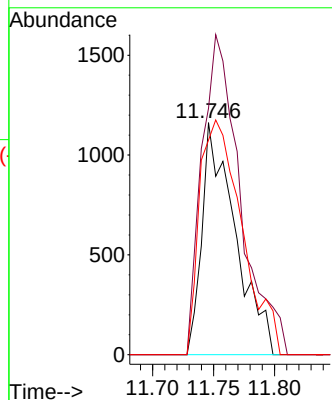
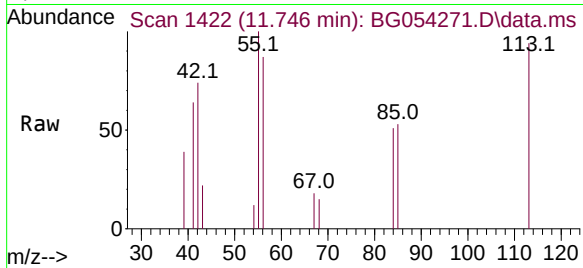




#35
Caprolactam
Concen: 6.444 ng
RT: 11.746 min Scan# 1422
Delta R.T. -0.028 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

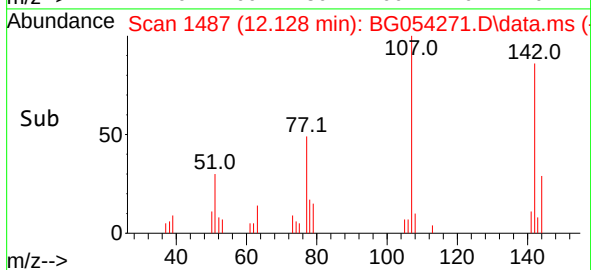
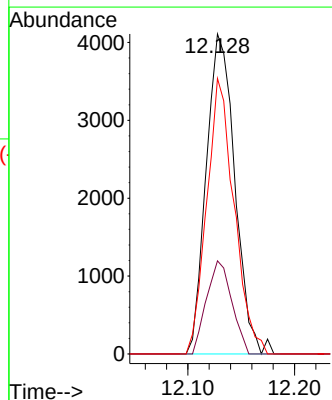
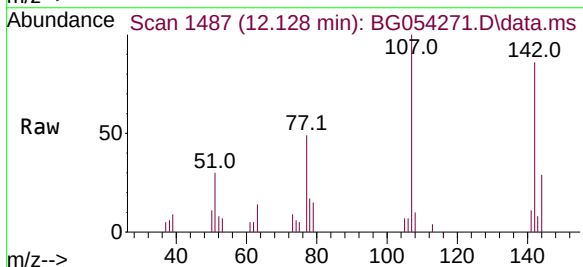
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

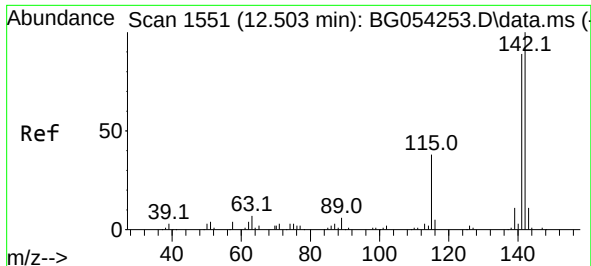
Tgt Ion:113 Resp: 2192
Ion Ratio Lower Upper
113 100
55 106.2 169.8 209.8#
56 92.5 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 6.659 ng
RT: 12.128 min Scan# 1487
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:107 Resp: 7653
Ion Ratio Lower Upper
107 100
144 29.1 18.5 27.7#
142 86.1 55.0 82.4#





#37

2-Methylnaphthalene

Concen: 6.983 ng

RT: 12.498 min Scan# 1550

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

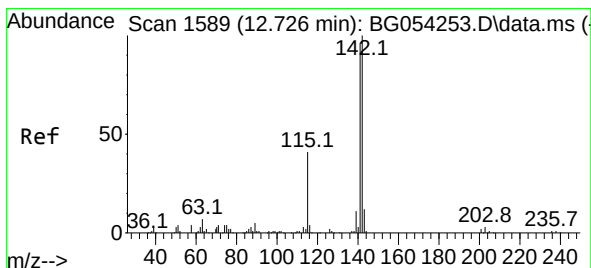
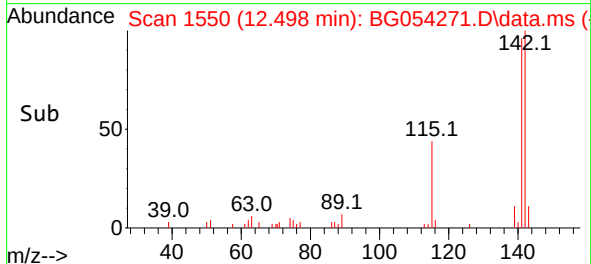
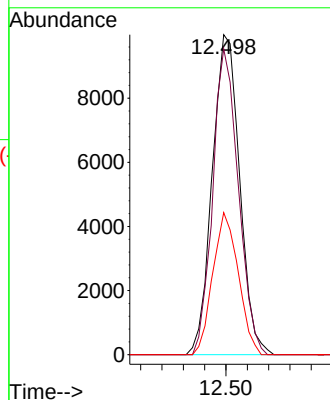
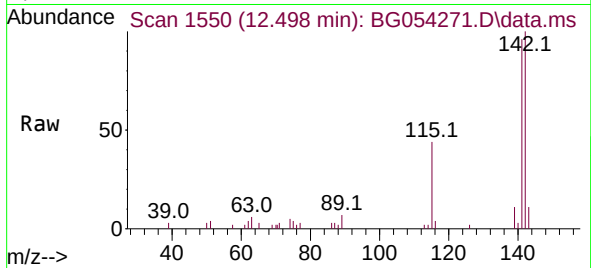
Tgt Ion:142 Resp: 17765

Ion Ratio Lower Upper

142 100

141 95.5 72.3 108.5

115 44.4 33.7 50.5



#38

1-Methylnaphthalene

Concen: 7.192 ng

RT: 12.498 min Scan# 1550

Delta R.T. -0.228 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

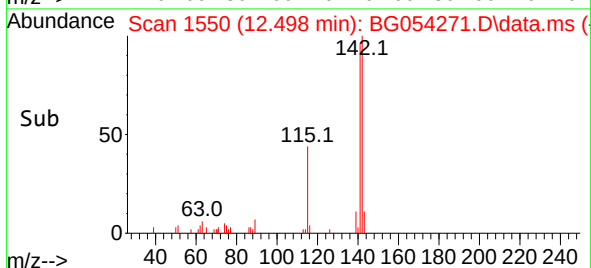
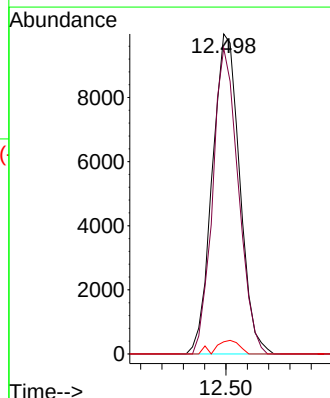
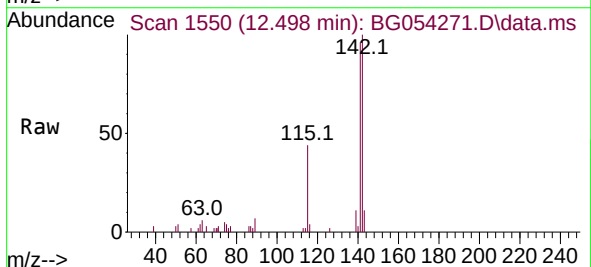
Tgt Ion:142 Resp: 17765

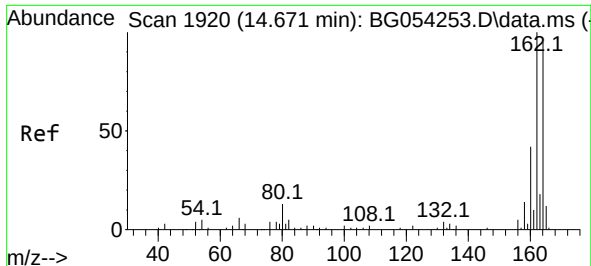
Ion Ratio Lower Upper

142 100

141 95.5 76.4 114.6

116 3.8 3.3 4.9

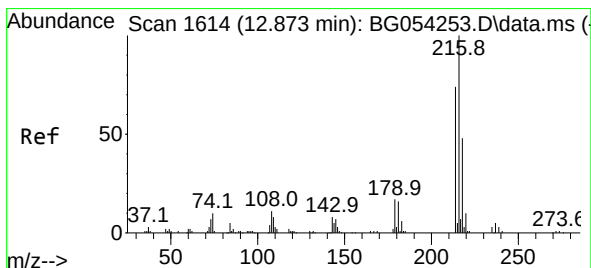
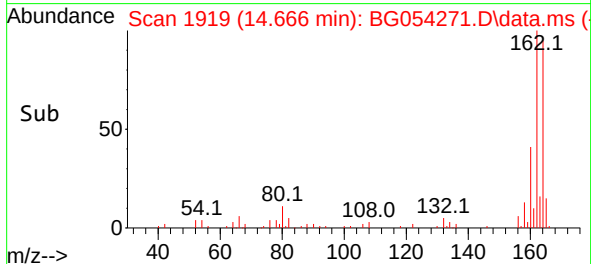
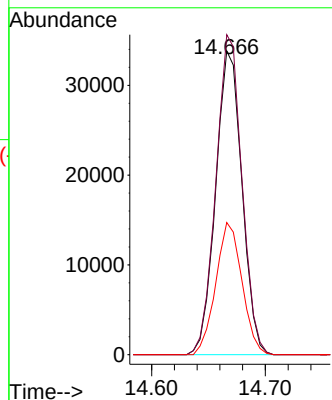
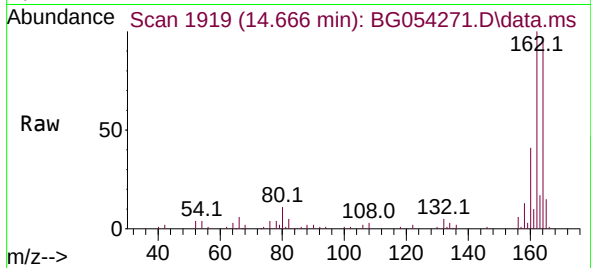




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.666 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

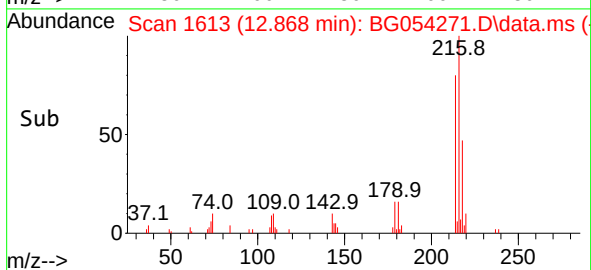
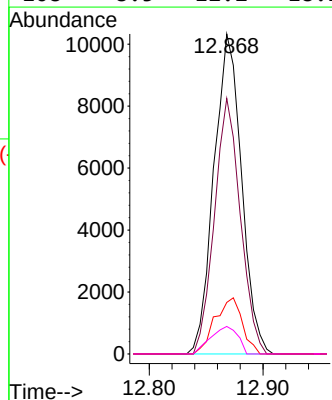
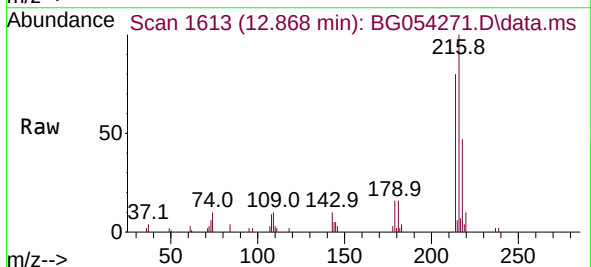
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

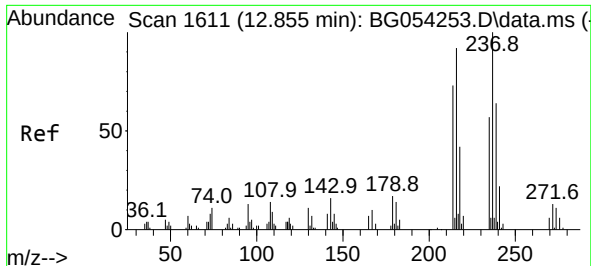
Tgt Ion:164 Resp: 54231
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 43.5 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.912 ng
RT: 12.868 min Scan# 1613
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:216 Resp: 17416
Ion Ratio Lower Upper
216 100
214 74.8 62.9 94.3
179 17.3 16.1 24.1
108 8.5 12.2 18.2#

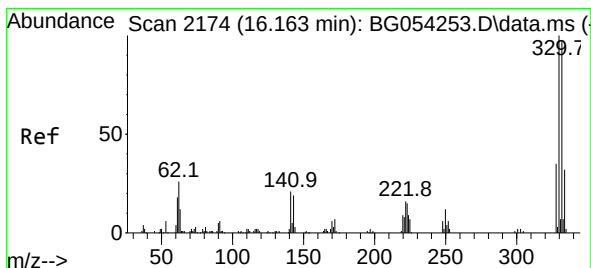
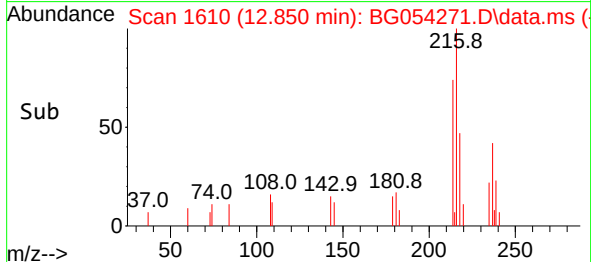
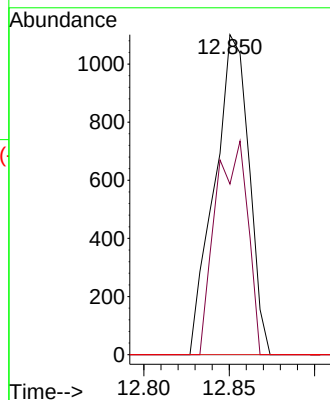
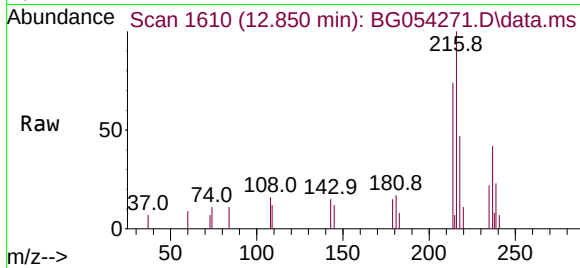




#41
Hexachlorocyclopentadiene
Concen: 2.810 ng
RT: 12.850 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

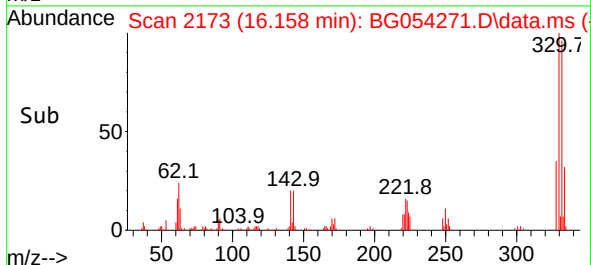
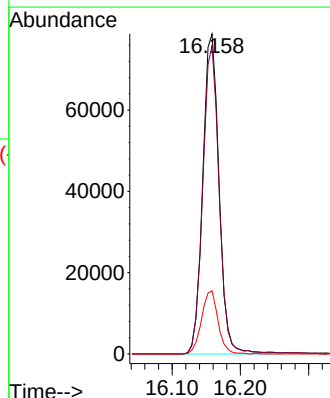
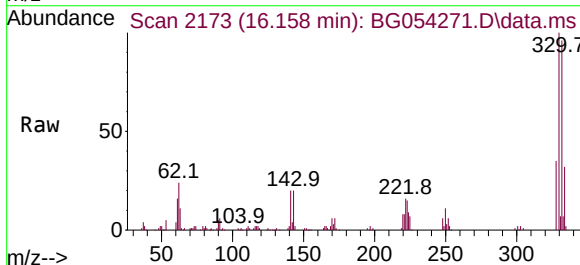
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

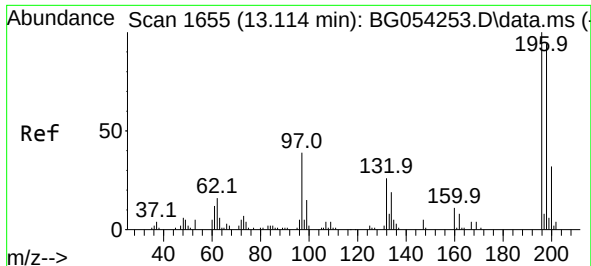
Tgt Ion:237 Resp: 1547
Ion Ratio Lower Upper
237 100
235 53.3 43.5 83.5
272 0.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 124.553 ng
RT: 16.158 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:330 Resp: 130844
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 19.9 27.1 40.7#

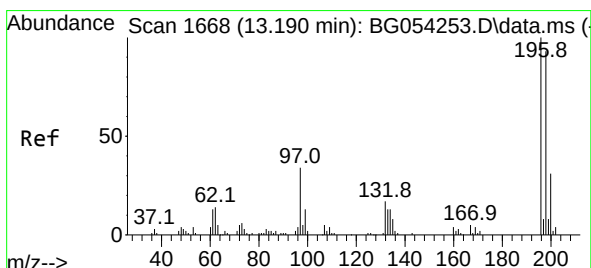
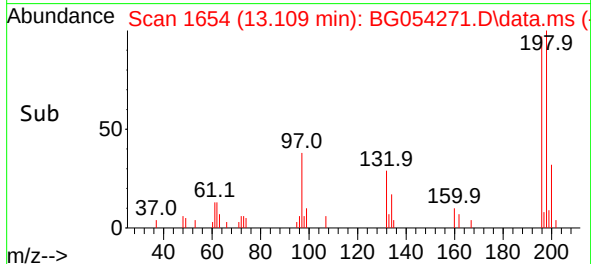
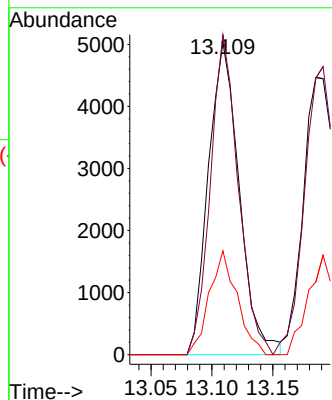
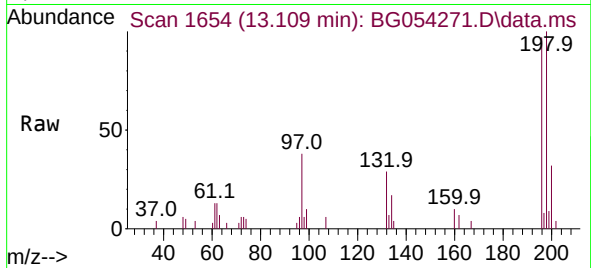




#43
2,4,6-Trichlorophenol
Concen: 7.015 ng
RT: 13.109 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

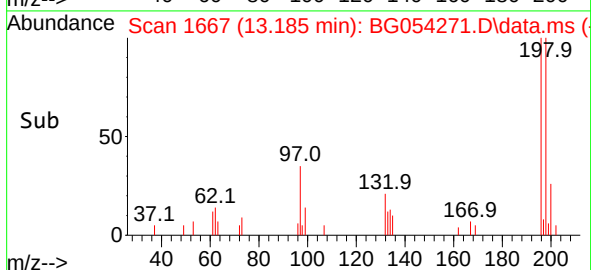
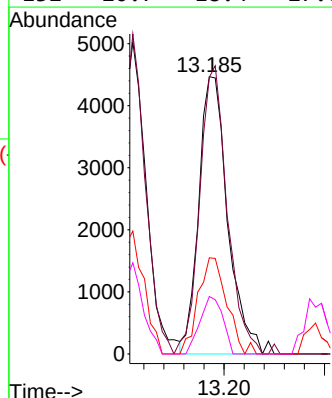
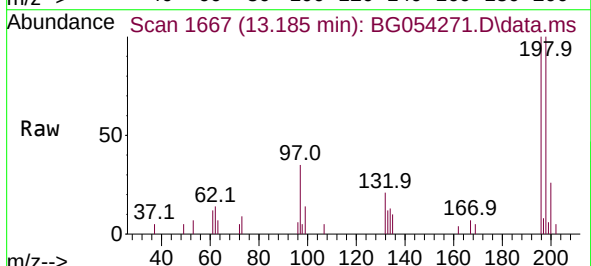
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

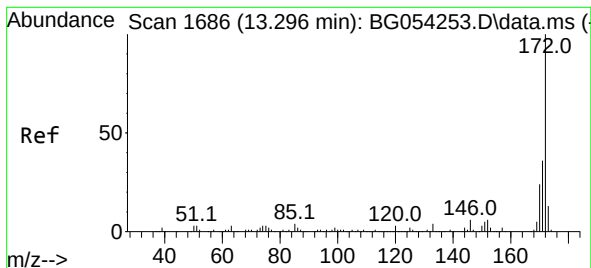
Tgt Ion:196 Resp: 8869
Ion Ratio Lower Upper
196 100
198 102.6 74.1 111.1
200 33.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 6.503 ng
RT: 13.185 min Scan# 1667
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:196 Resp: 8993
Ion Ratio Lower Upper
196 100
198 99.8 76.8 115.2
97 34.6 39.8 59.6#
132 20.7 18.4 27.6





#45

2-Fluorobiphenyl

Concen: 86.282 ng

RT: 13.291 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

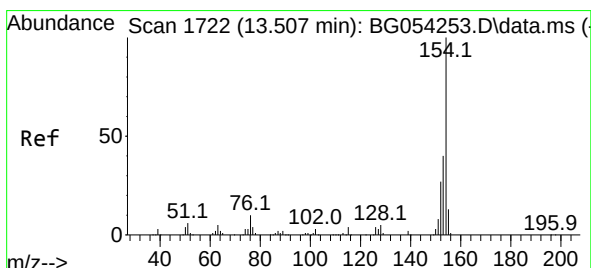
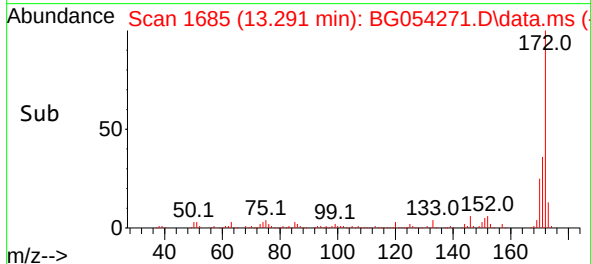
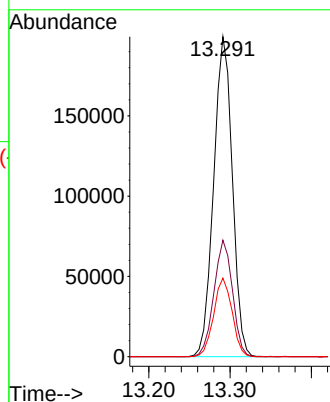
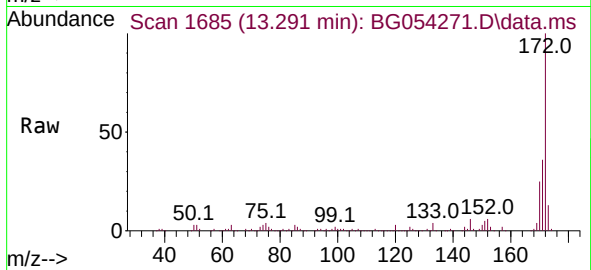
Tgt Ion:172 Resp: 318451

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 7.451 ng

RT: 13.503 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

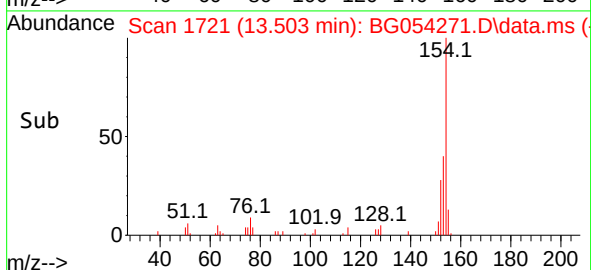
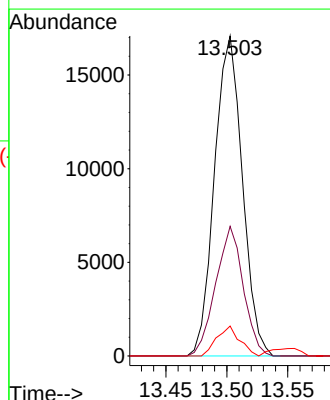
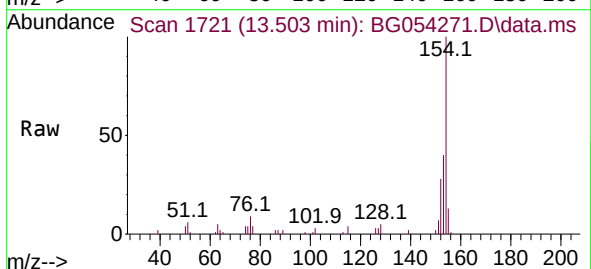
Tgt Ion:154 Resp: 27171

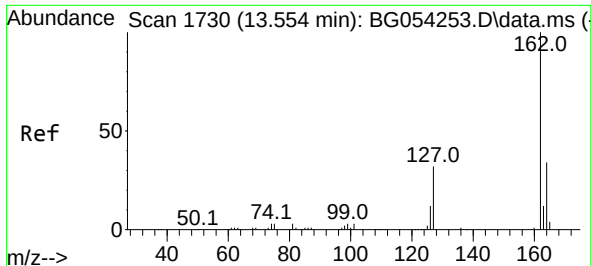
Ion Ratio Lower Upper

154 100

153 40.5 21.6 61.6

76 9.4 0.0 32.6





#47

2-Chloronaphthalene

Concen: 7.070 ng

RT: 13.550 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

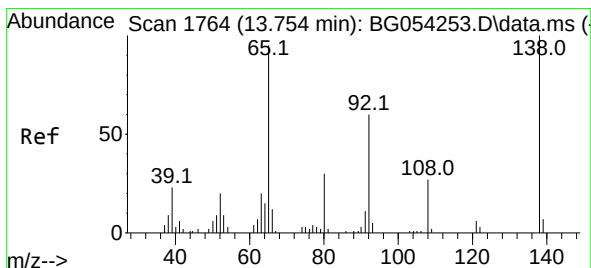
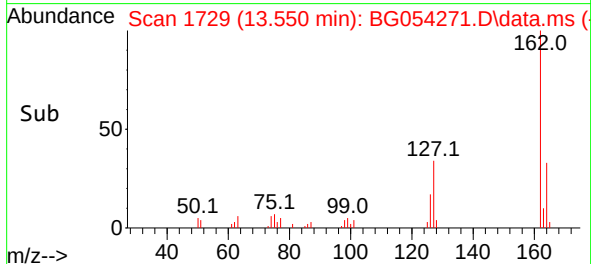
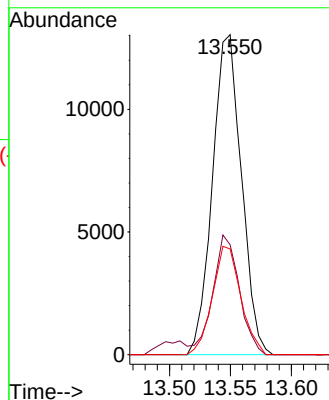
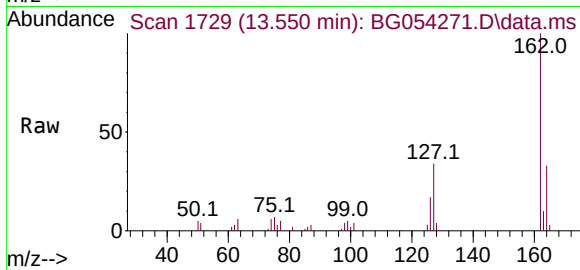
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:162	Resp:	21554
Ion Ratio	Lower	Upper
162	100	
127	34.4	30.6 45.8
164	33.0	26.5 39.7



#48

2-Nitroaniline

Concen: 6.078 ng

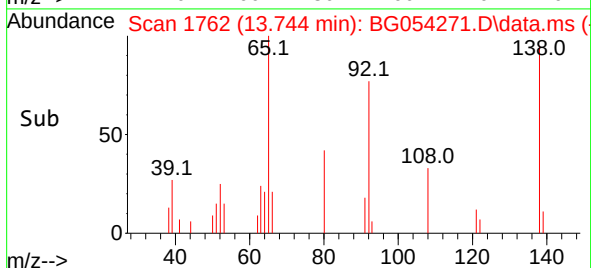
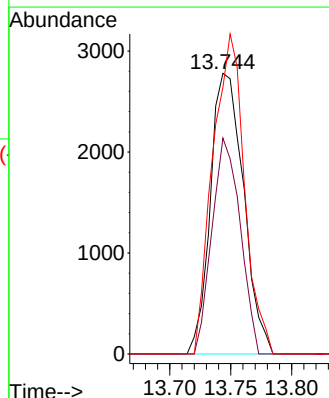
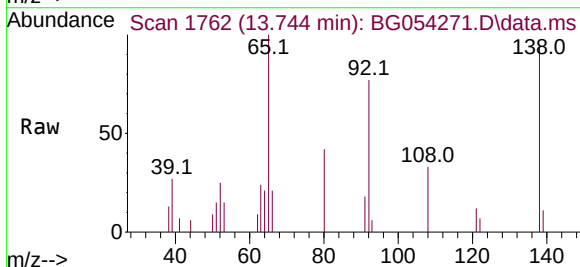
RT: 13.744 min Scan# 1762

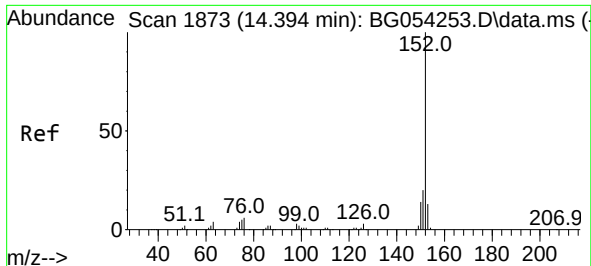
Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Tgt Ion: 65	Resp:	5244
Ion Ratio	Lower	Upper
65	100	
92	76.9	51.5 77.3
138	95.0	71.3 106.9

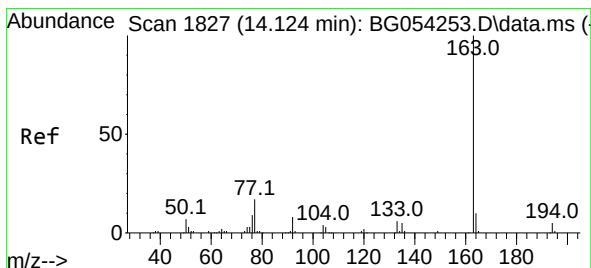
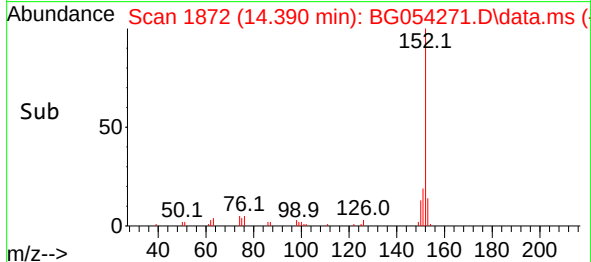
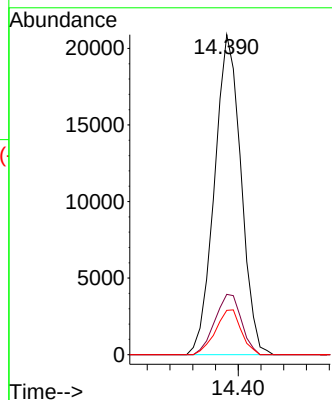
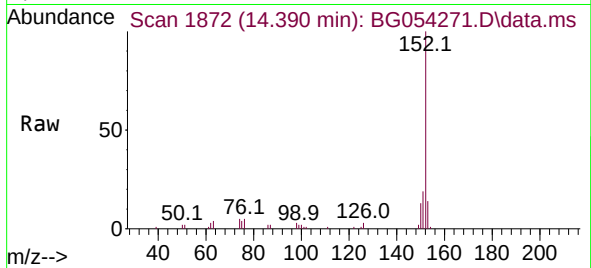




#49
Acenaphthylene
Concen: 7.307 ng
RT: 14.390 min Scan# 1873
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

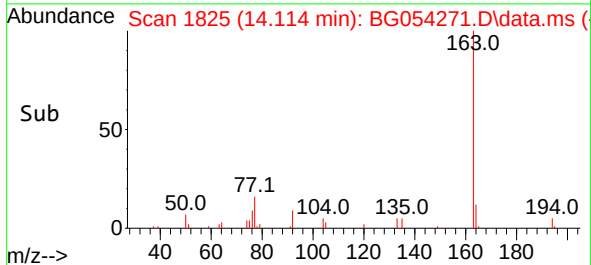
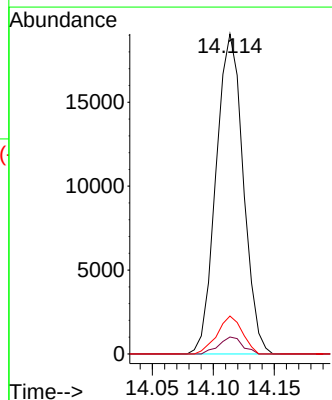
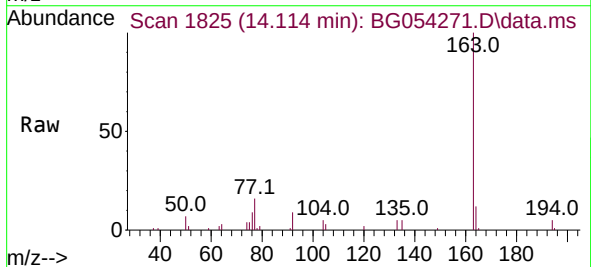
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

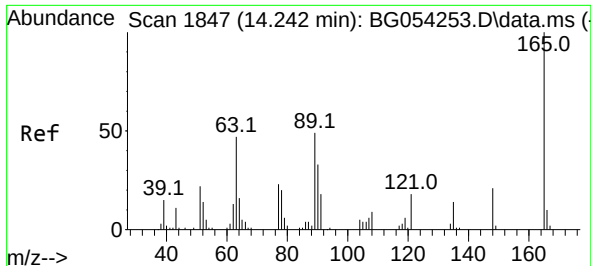
Tgt Ion:152	Resp:	33796
Ion Ratio	Lower	Upper
152	100	
151	18.9	16.4 24.6
153	13.8	10.8 16.2



#50
Dimethylphthalate
Concen: 6.942 ng
RT: 14.114 min Scan# 1825
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:163	Resp:	29559
Ion Ratio	Lower	Upper
163	100	
194	5.3	3.0 4.6#
164	11.9	8.0 12.0

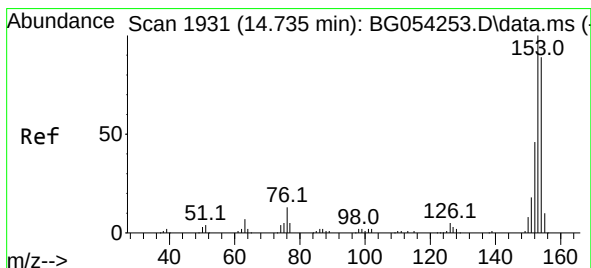
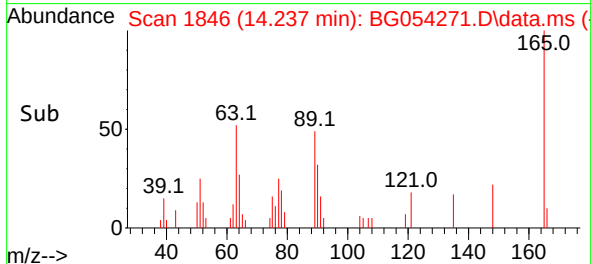
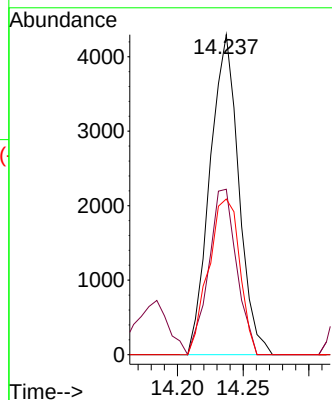
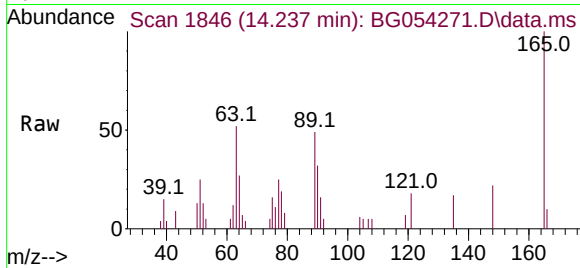




#51
2,6-Dinitrotoluene
Concen: 7.081 ng
RT: 14.237 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

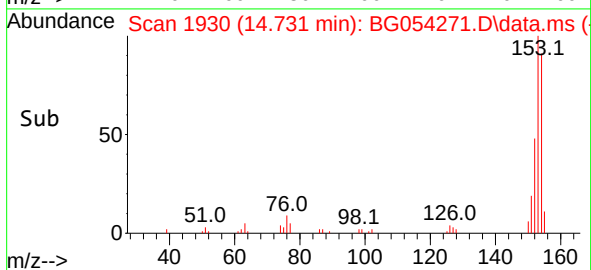
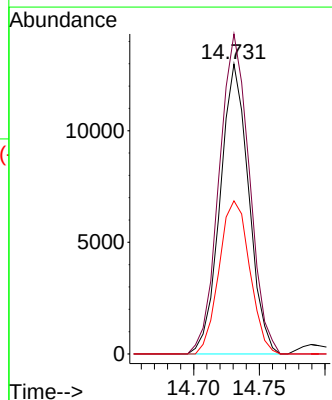
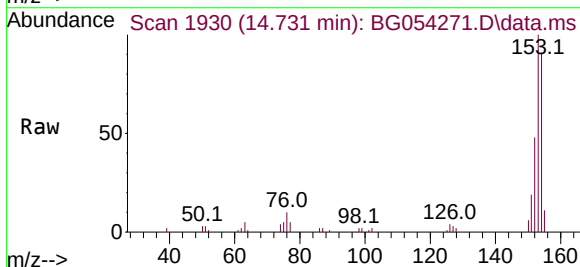
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

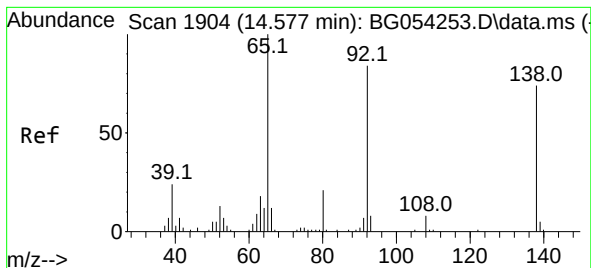
Tgt Ion:165 Resp: 6553
Ion Ratio Lower Upper
165 100
63 51.7 54.1 81.1#
89 48.7 54.8 82.2#



#52
Acenaphthene
Concen: 7.017 ng
RT: 14.731 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:154 Resp: 19629
Ion Ratio Lower Upper
154 100
153 110.4 92.7 139.1
152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 6.186 ng

RT: 14.566 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BG054271.D

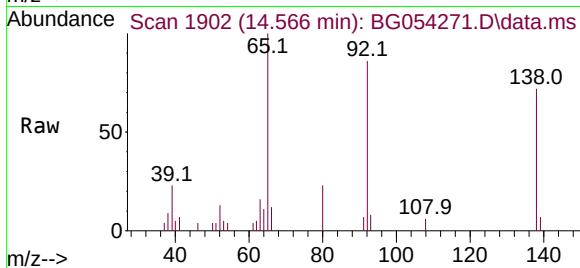
Acq: 13 Jul 2022 13:22

Instrument :

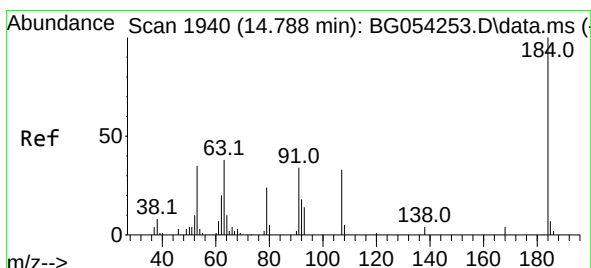
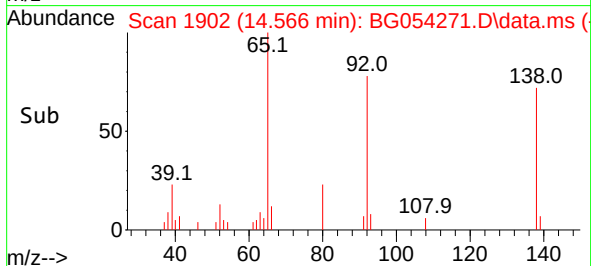
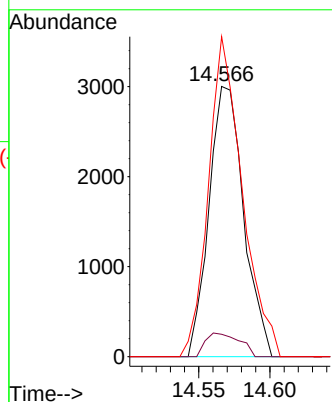
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:	138	Resp:	5075
Ion Ratio	Lower	Upper	
138	100		
108	8.3	9.2	13.8#
92	118.4	101.9	152.9



#54

2,4-Dinitrophenol

Concen: 3.332 ng

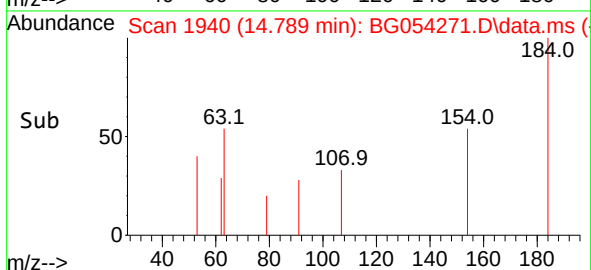
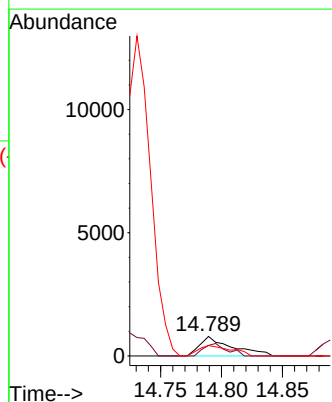
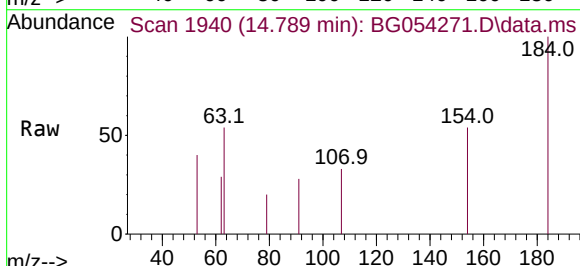
RT: 14.789 min Scan# 1940

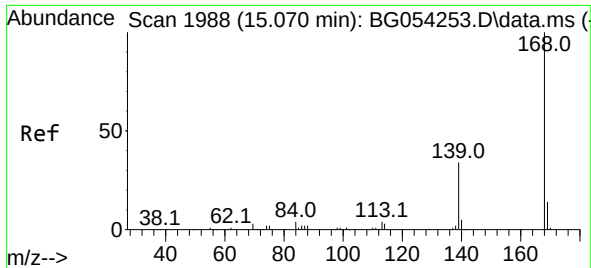
Delta R.T. 0.001 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Tgt Ion:	184	Resp:	1446
Ion Ratio	Lower	Upper	
184	100		
63	53.8	61.1	91.7#
154	53.5	60.6	91.0#

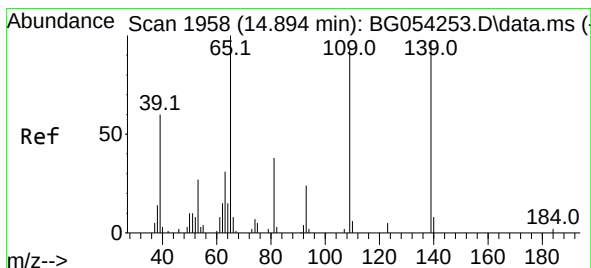
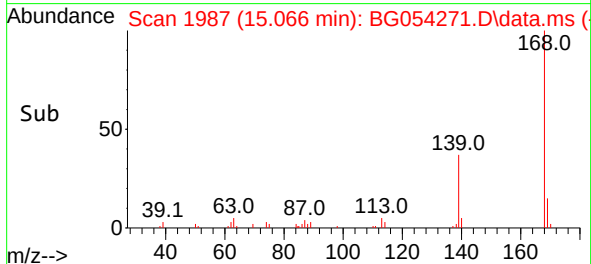
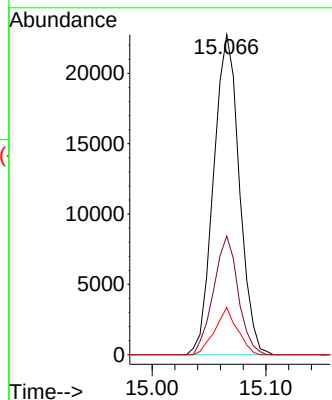
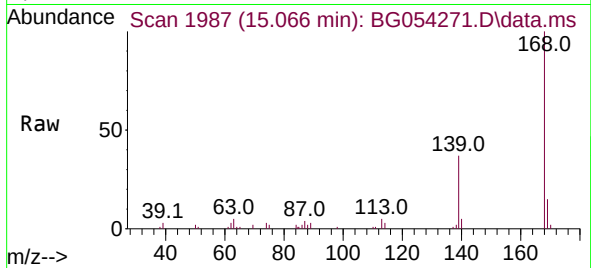




#55
Dibenzenofuran
Concen: 7.269 ng
RT: 15.066 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

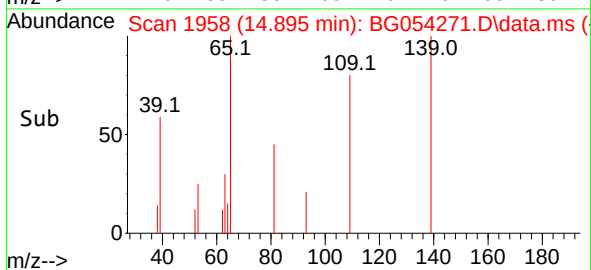
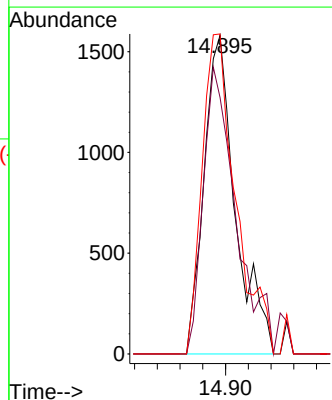
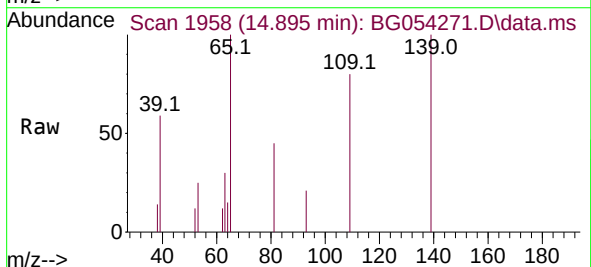
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

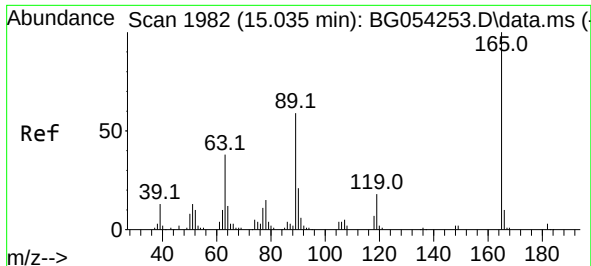
Tgt Ion:168 Resp: 35714
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7
169 14.7 10.3 15.5



#56
4-Nitrophenol
Concen: 5.747 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:139 Resp: 3029
Ion Ratio Lower Upper
139 100
109 80.5 88.5 128.5#
65 100.4 93.9 133.9

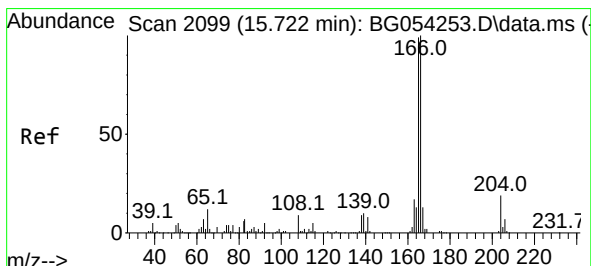
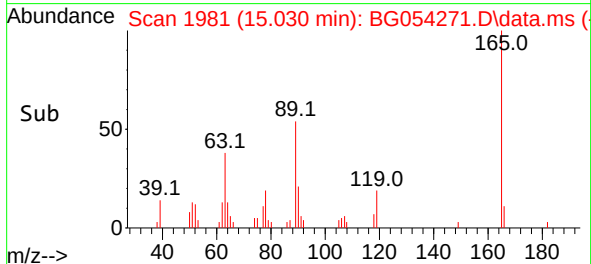
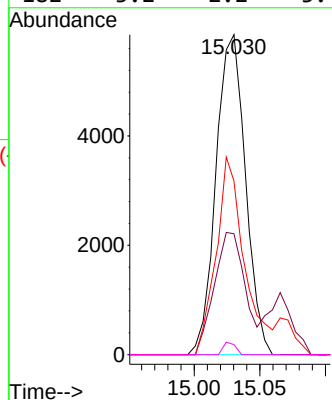
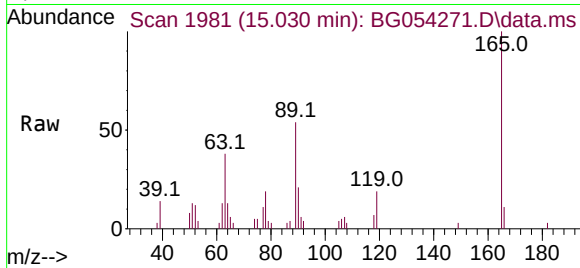




#57
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 15.030 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

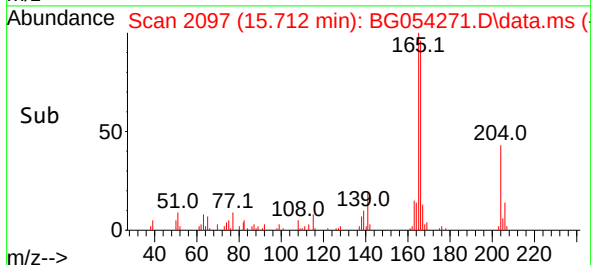
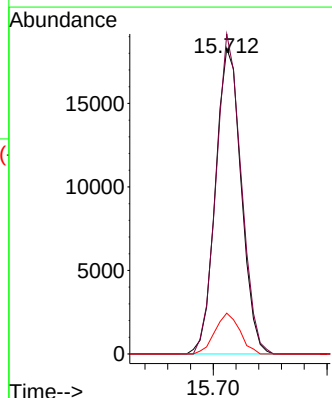
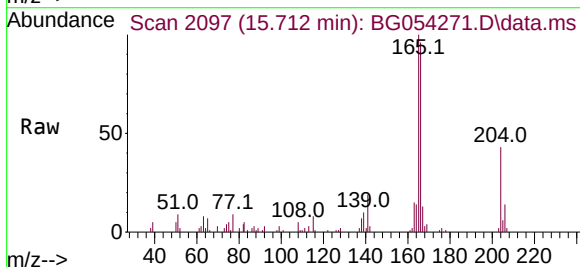
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

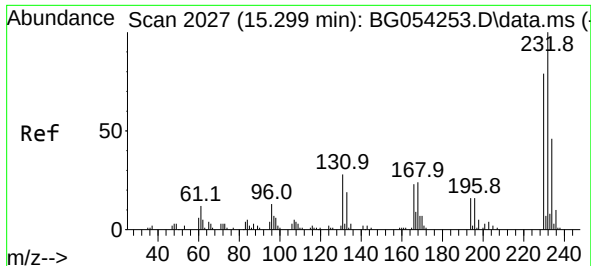
Tgt Ion:165 Resp: 9143
Ion Ratio Lower Upper
165 100
63 37.8 34.6 52.0
89 54.3 60.3 90.5#
182 3.2 2.2 3.4



#58
Fluorene
Concen: 7.030 ng
RT: 15.712 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

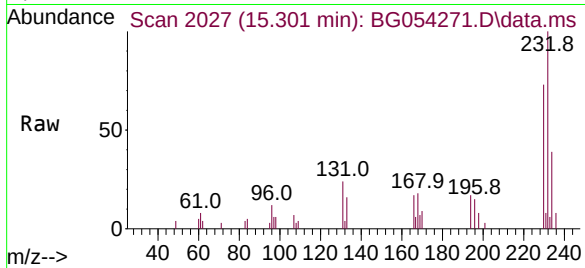
Tgt Ion:166 Resp: 28697
Ion Ratio Lower Upper
166 100
165 104.7 75.0 112.6
167 13.4 10.8 16.2



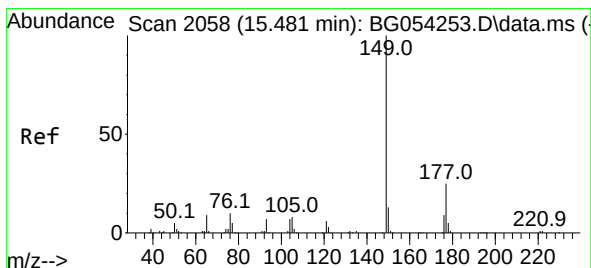
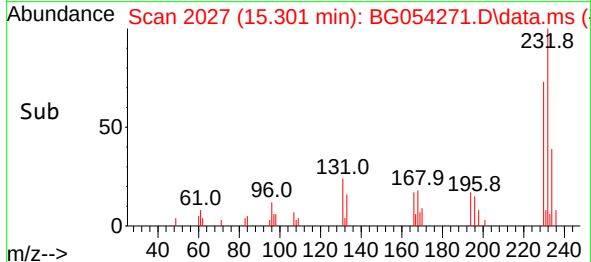
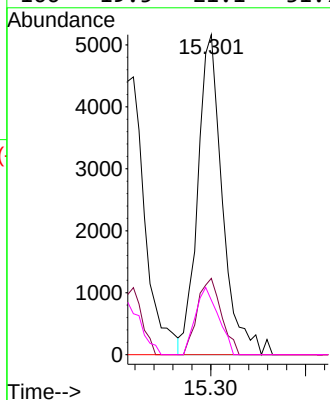


#59
2,3,4,6-Tetrachlorophenol
Concen: 6.757 ng
RT: 15.301 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

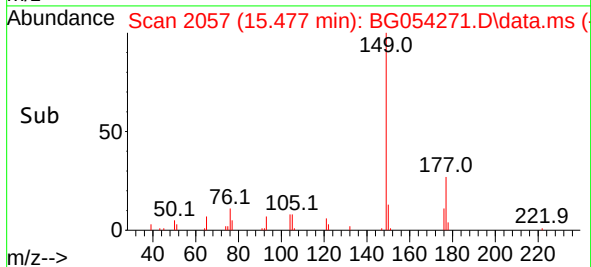
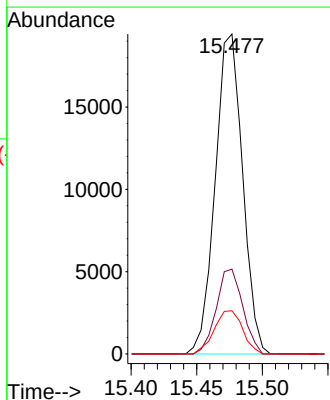
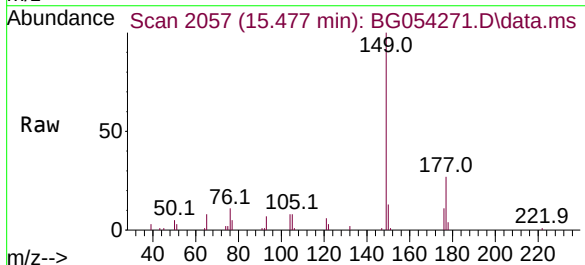


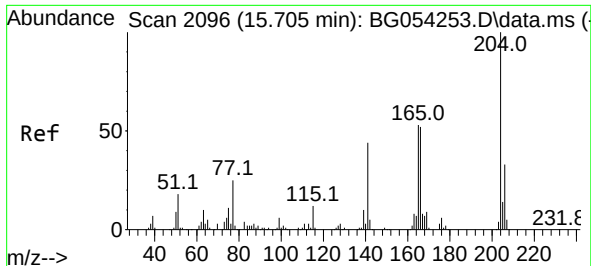
Tgt Ion:232 Resp: 9359
Ion Ratio Lower Upper
232 100
131 23.2 30.6 46.0#
130 0.0 1.8 2.8#
166 19.5 21.1 31.7#



#60
Diethylphthalate
Concen: 6.791 ng
RT: 15.477 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:149 Resp: 28201
Ion Ratio Lower Upper
149 100
177 26.5 18.4 27.6
150 13.5 11.2 16.8

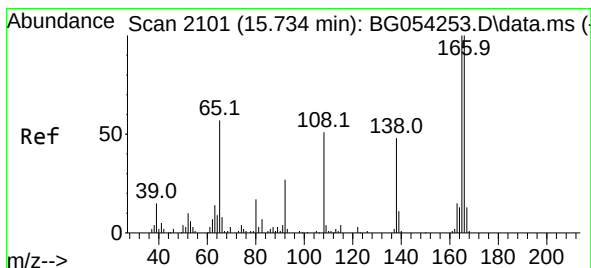
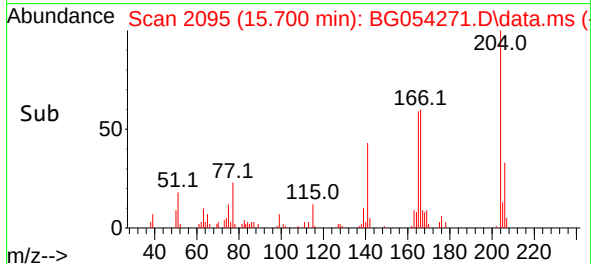
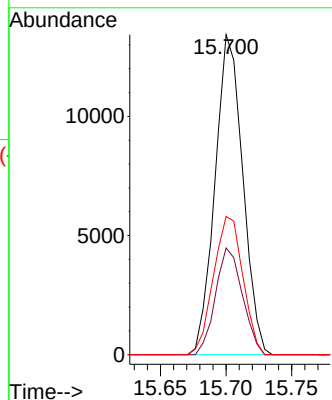
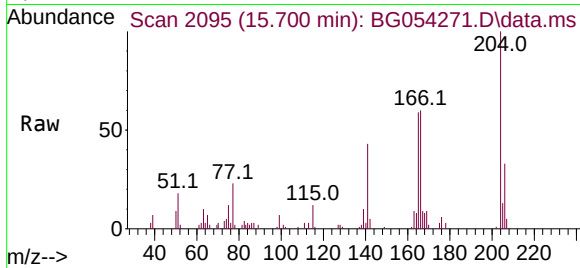




#61
4-Chlorophenyl-phenylether
Concen: 7.621 ng
RT: 15.700 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

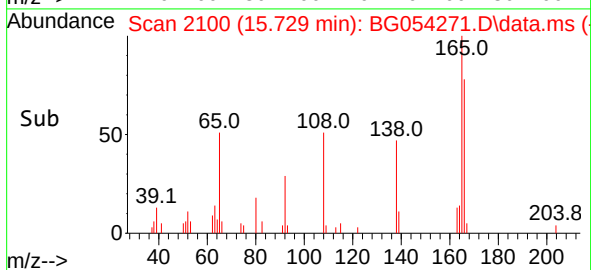
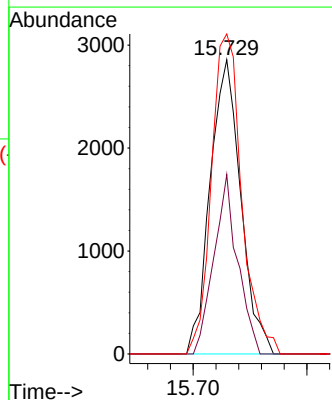
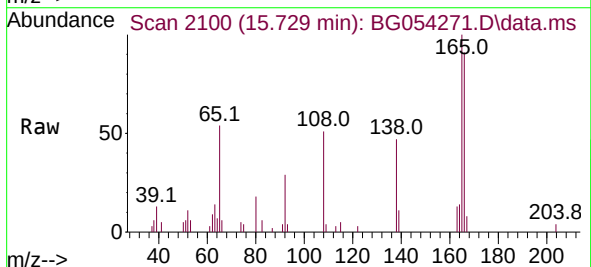
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

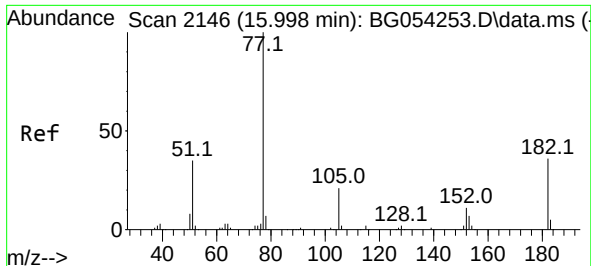
Tgt Ion:204 Resp: 19760
Ion Ratio Lower Upper
204 100
206 33.3 27.5 41.3
141 43.2 45.3 67.9#



#62
4-Nitroaniline
Concen: 6.236 ng
RT: 15.729 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:138 Resp: 5343
Ion Ratio Lower Upper
138 100
92 61.0 40.5 80.5
108 108.7 103.7 143.7

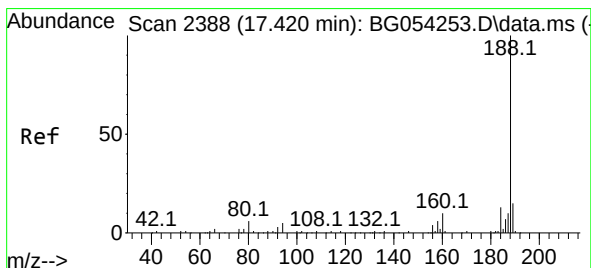
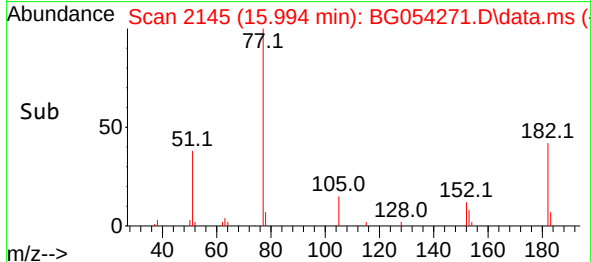
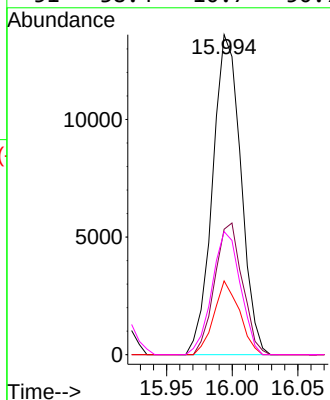
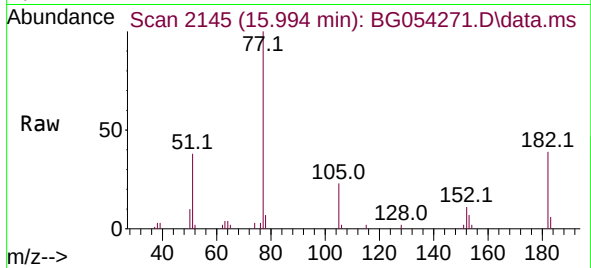




#63
 Azobenzene
 Concen: 6.514 ng
 RT: 15.994 min Scan# 2145
 Delta R.T. -0.005 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

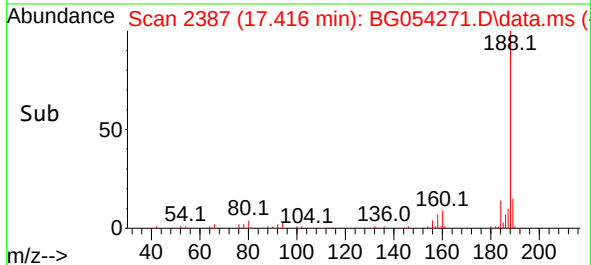
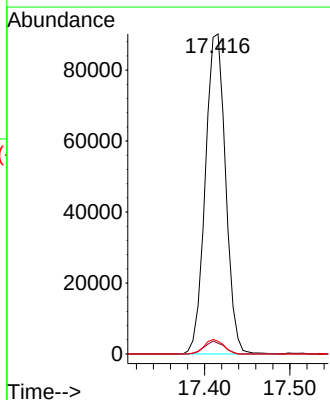
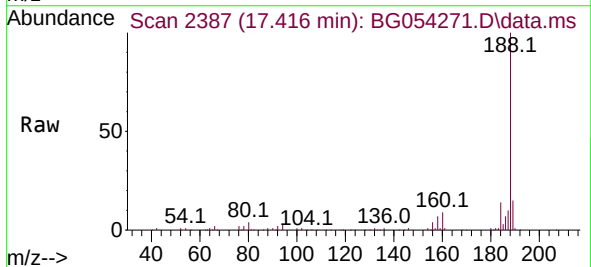
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

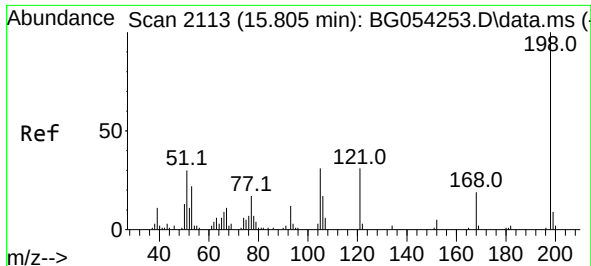
Tgt Ion: 77	Resp: 20386
Ion Ratio	Lower Upper
77 100	
182 39.2	3.8 43.8
105 23.1	0.0 37.8
51 38.4	10.7 50.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.416 min Scan# 2387
 Delta R.T. -0.004 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

Tgt Ion: 188	Resp: 149173
Ion Ratio	Lower Upper
188 100	
94 3.4	5.4 8.0#
80 4.0	6.8 10.2#

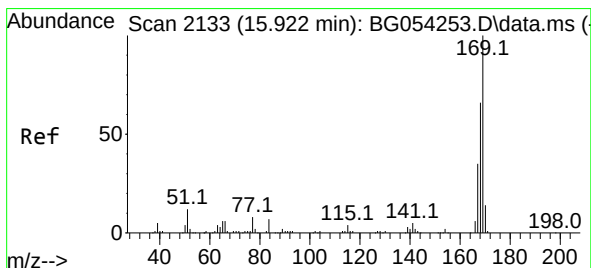
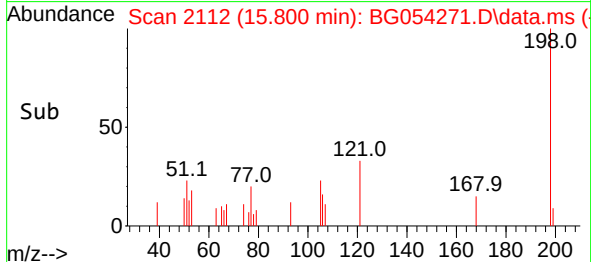
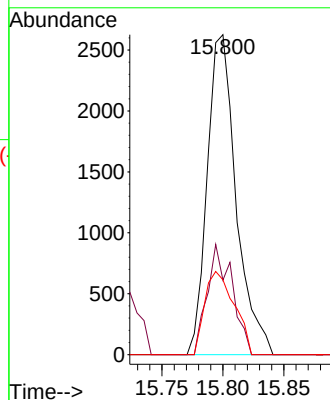
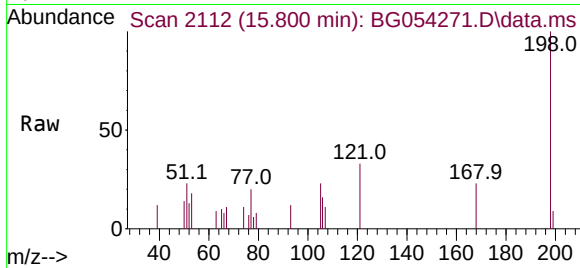




#65
4,6-Dinitro-2-methylphenol
Concen: 4.935 ng
RT: 15.800 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

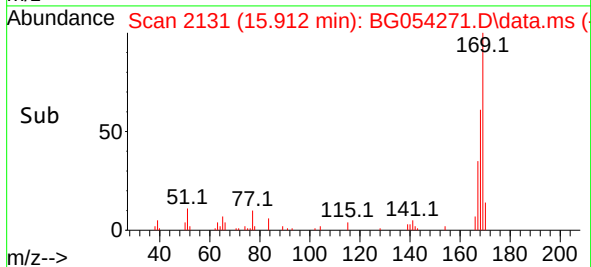
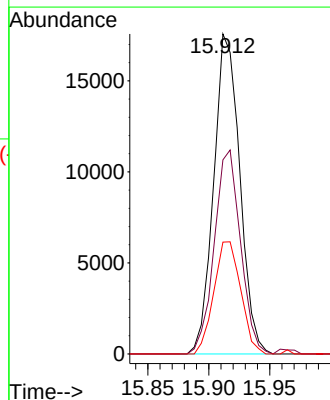
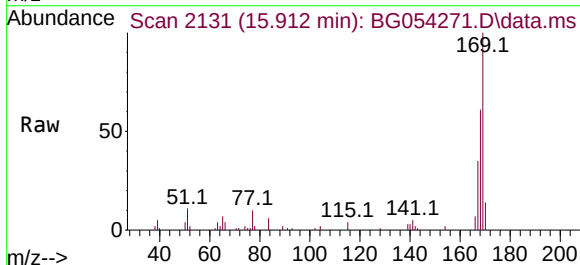
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

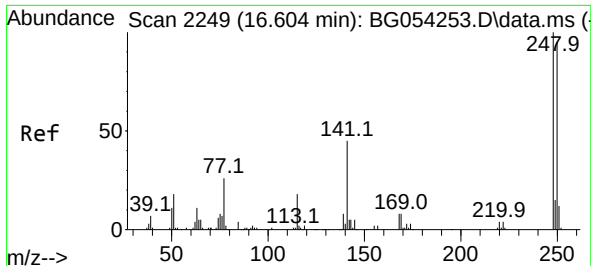
Tgt Ion:198 Resp: 4331
Ion Ratio Lower Upper
198 100
51 23.3 28.1 68.1#
105 23.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 6.945 ng
RT: 15.912 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:169 Resp: 26130
Ion Ratio Lower Upper
169 100
168 60.7 55.9 83.9
167 34.9 30.6 46.0

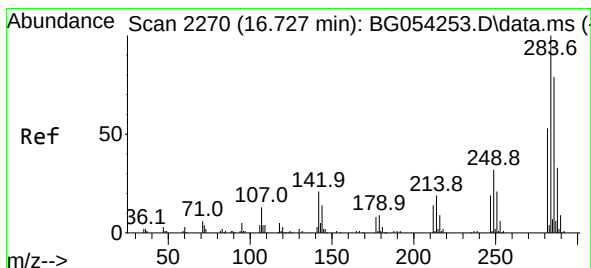
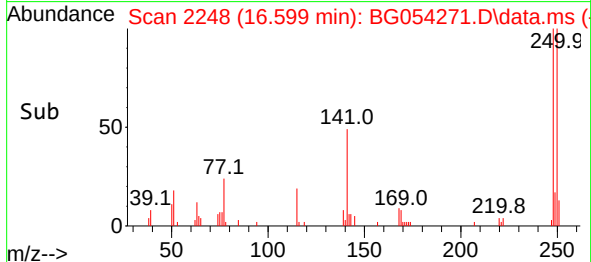
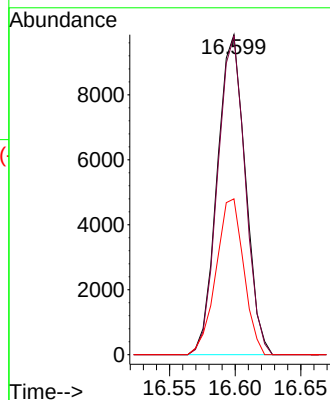
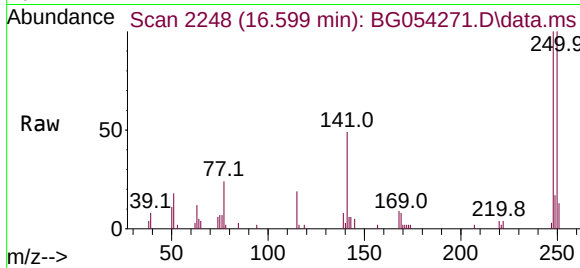




#67
4-Bromophenyl-phenylether
Concen: 7.382 ng
RT: 16.599 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

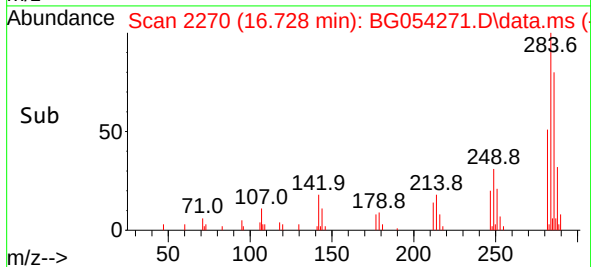
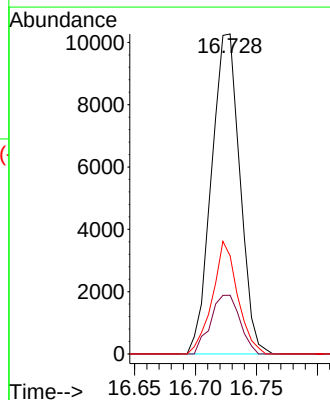
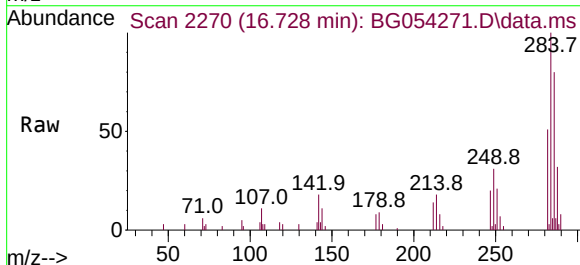
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

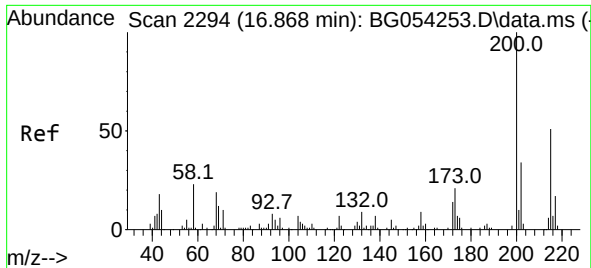
Tgt Ion:248 Resp: 14687
Ion Ratio Lower Upper
248 100
250 99.5 75.2 112.8
141 48.7 50.0 75.0#



#68
Hexachlorobenzene
Concen: 7.335 ng
RT: 16.728 min Scan# 2270
Delta R.T. 0.001 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:284 Resp: 16658
Ion Ratio Lower Upper
284 100
142 18.4 23.6 35.4#
249 30.7 25.8 38.6

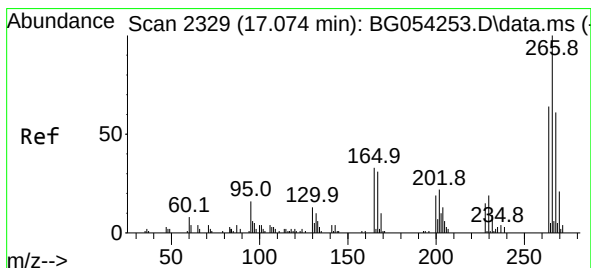
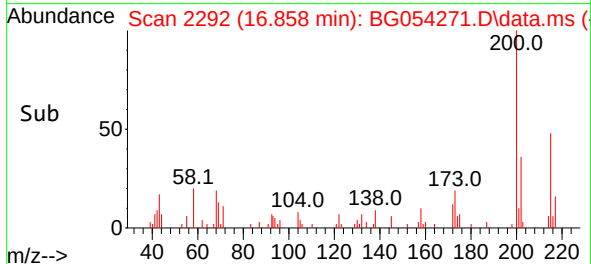
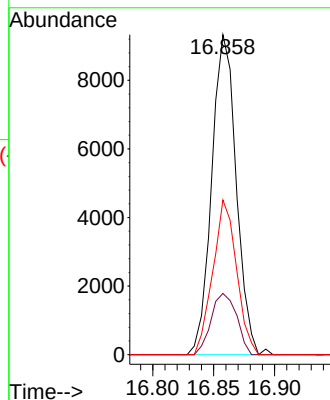
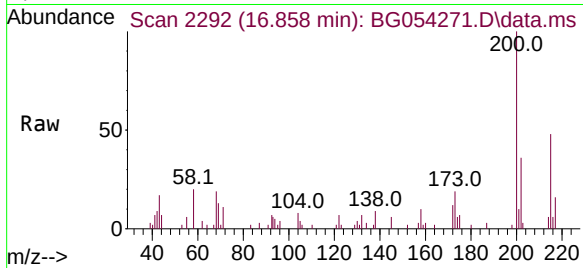




#69
 Atrazine
 Concen: 7.863 ng
 RT: 16.858 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

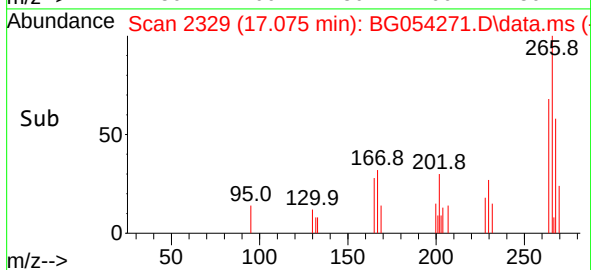
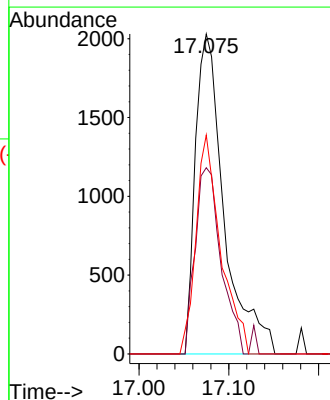
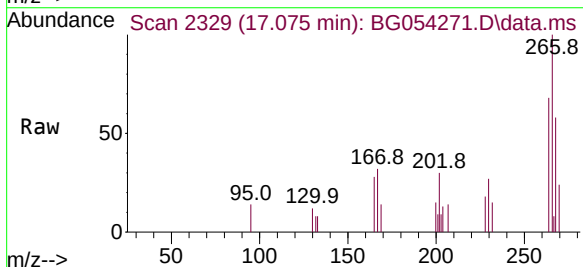
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

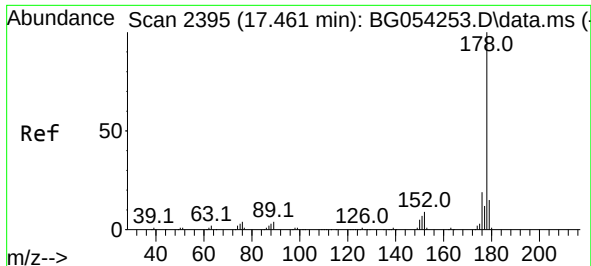
Tgt Ion:200 Resp: 13066
 Ion Ratio Lower Upper
 200 100
 173 19.1 3.7 43.7
 215 48.4 25.2 65.2



#70
 Pentachlorophenol
 Concen: 4.949 ng
 RT: 17.075 min Scan# 2329
 Delta R.T. 0.001 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

Tgt Ion:266 Resp: 4515
 Ion Ratio Lower Upper
 266 100
 268 58.2 56.2 84.2
 264 68.4 53.0 79.4

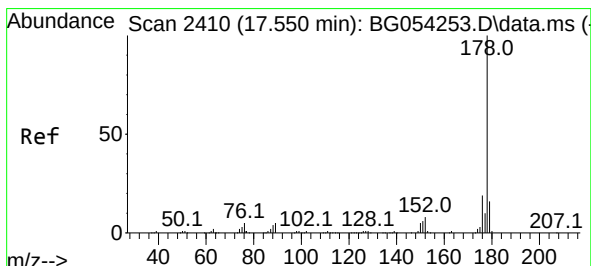
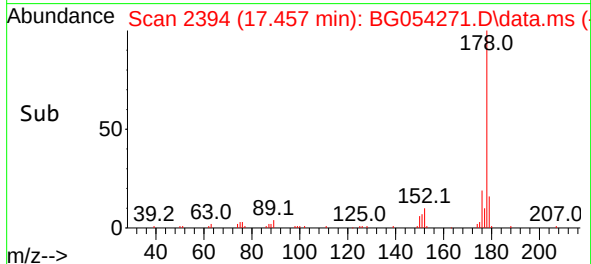
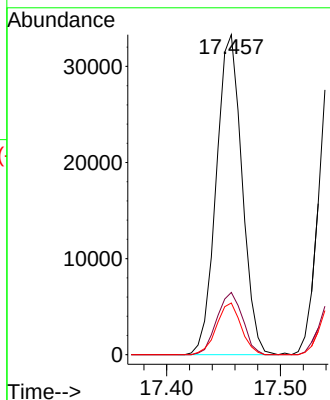
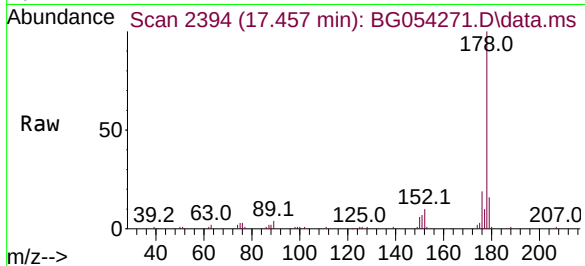




#71
Phenanthrene
Concen: 7.017 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

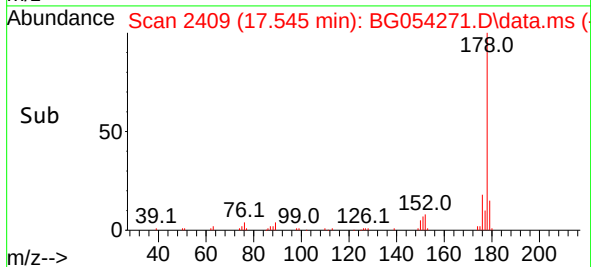
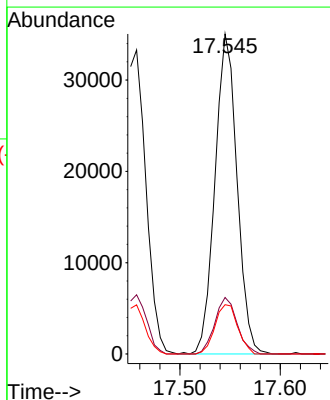
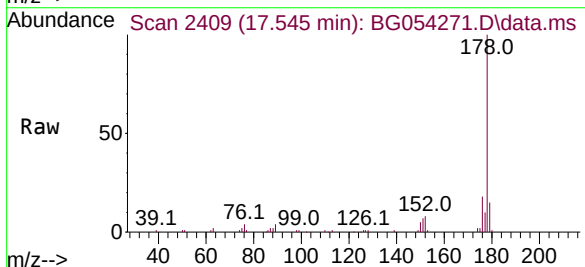
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

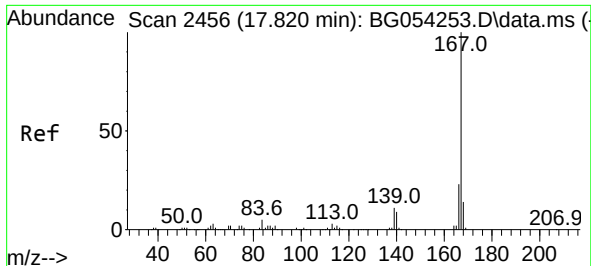
Tgt Ion:178 Resp: 52358
Ion Ratio Lower Upper
178 100
176 19.5 14.1 21.1
179 16.1 12.1 18.1



#72
Anthracene
Concen: 7.321 ng
RT: 17.545 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:178 Resp: 53500
Ion Ratio Lower Upper
178 100
176 17.7 15.2 22.8
179 15.4 13.0 19.4

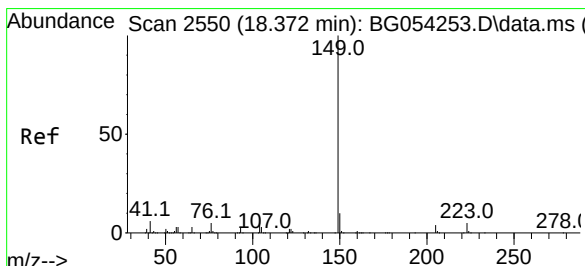
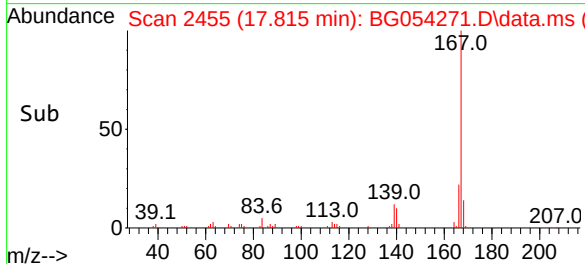
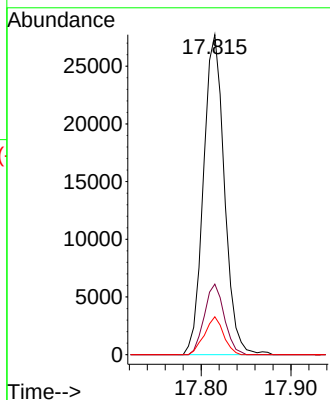
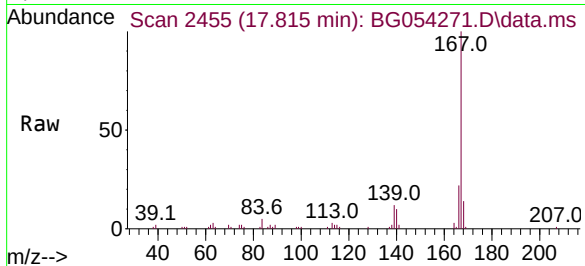




#73
 Carbazole
 Concen: 7.241 ng
 RT: 17.815 min Scan# 2456
 Delta R.T. -0.005 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

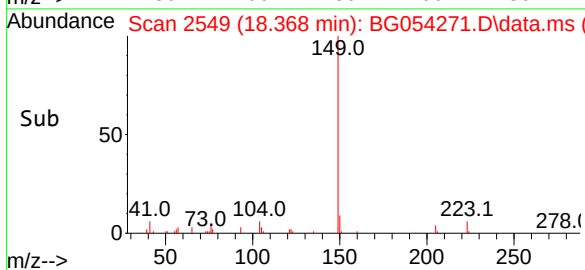
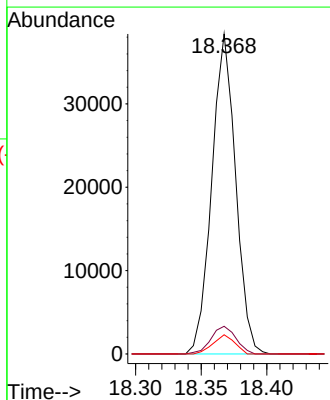
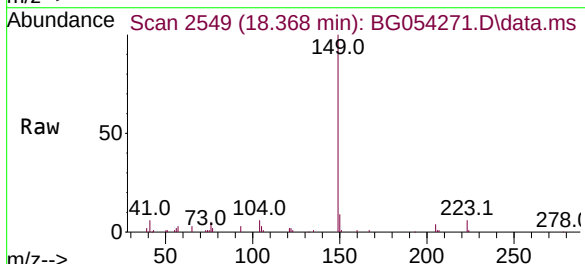
Instrument : BNA_G
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

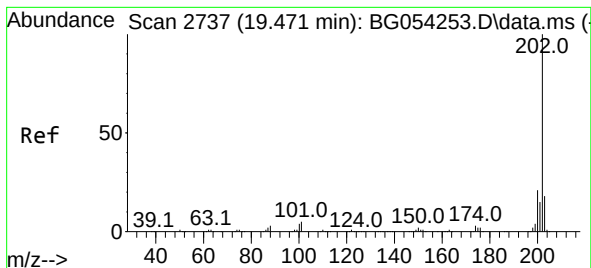
Tgt Ion:167 Resp: 44810
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 11.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 6.613 ng
 RT: 18.368 min Scan# 2549
 Delta R.T. -0.005 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

Tgt Ion:149 Resp: 48457
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.7 11.5
 104 6.0 5.4 8.0





#75

Fluoranthene

Concen: 7.168 ng

RT: 19.466 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

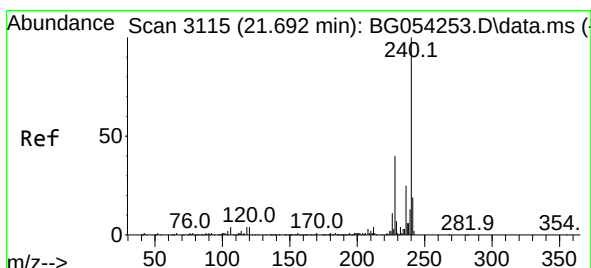
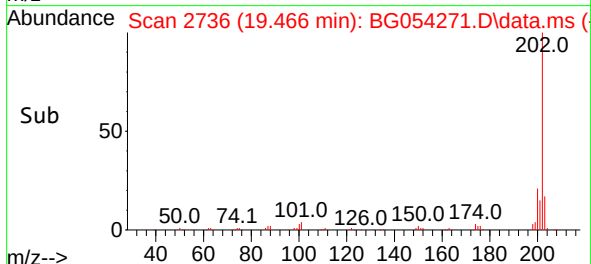
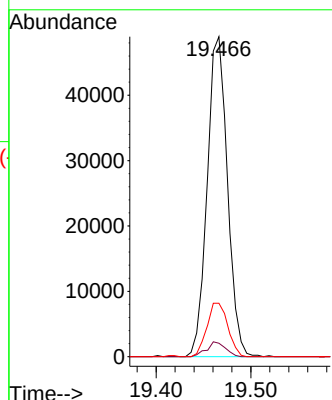
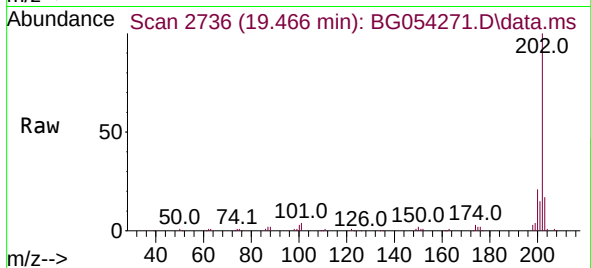
Tgt Ion:202 Resp: 72736

Ion Ratio Lower Upper

202 100

101 4.2 0.0 26.9

203 16.7 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.687 min Scan# 3114

Delta R.T. -0.005 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

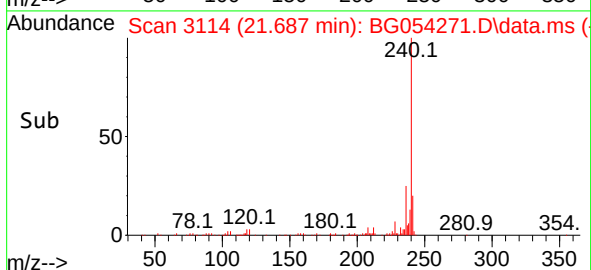
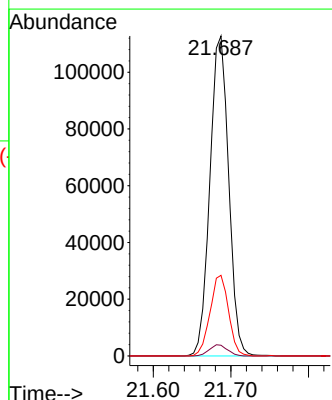
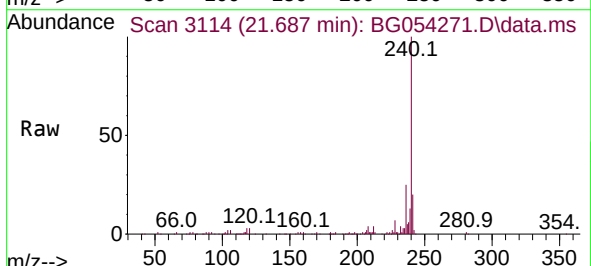
Tgt Ion:240 Resp: 189736

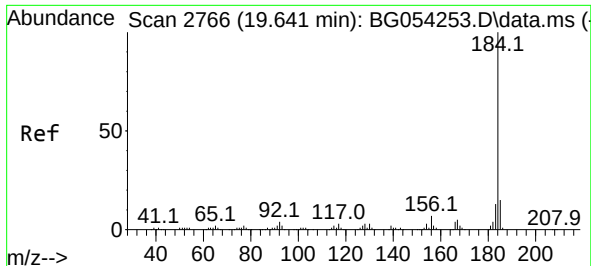
Ion Ratio Lower Upper

240 100

120 3.4 4.6 7.0#

236 25.2 20.2 30.4

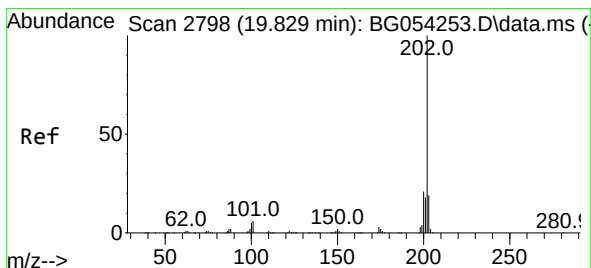
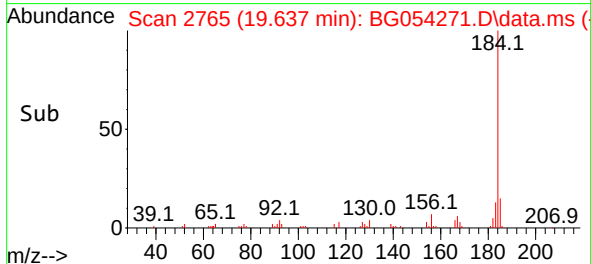
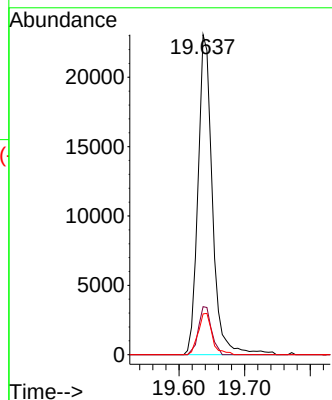
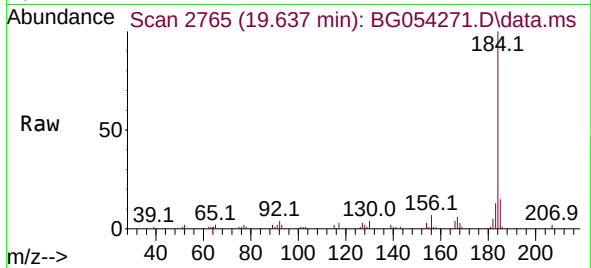




#77
Benzidine
Concen: 10.589 ng
RT: 19.637 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

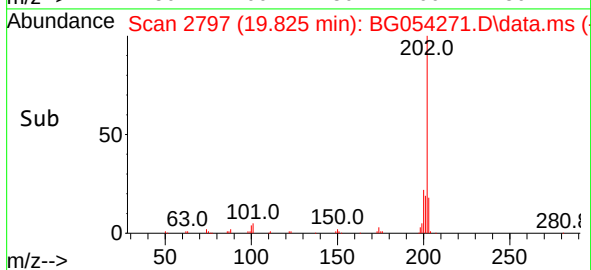
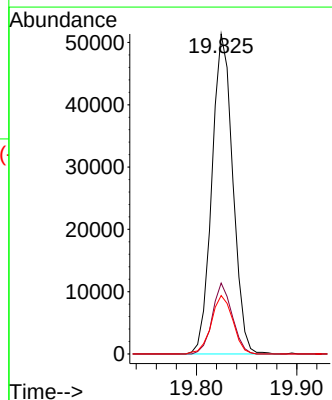
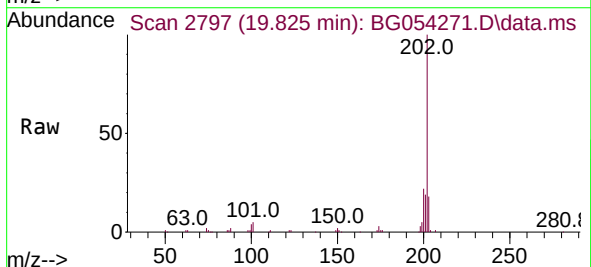
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

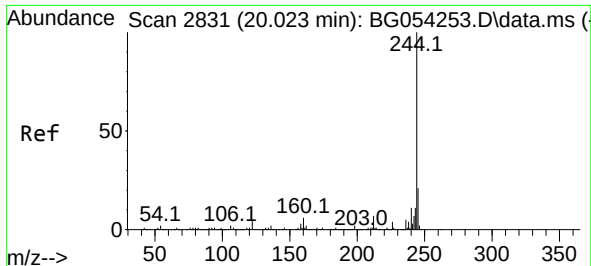
Tgt Ion:184 Resp: 35268
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 12.8 8.9 13.3



#78
Pyrene
Concen: 6.809 ng
RT: 19.825 min Scan# 2797
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:202 Resp: 74354
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 18.3 14.6 21.8

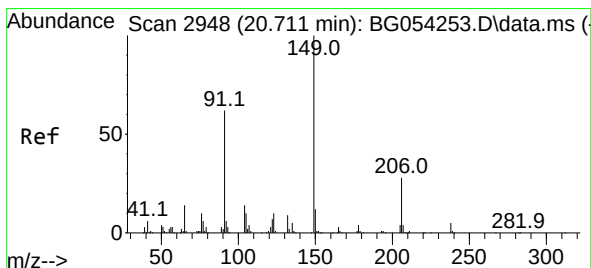
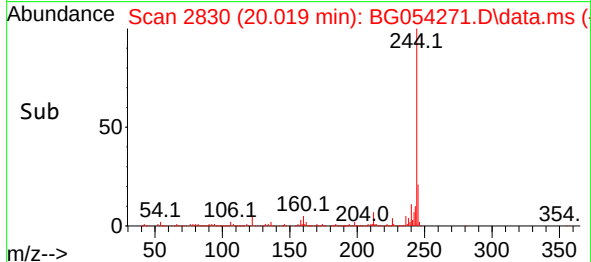
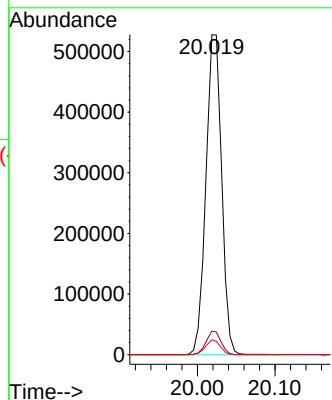
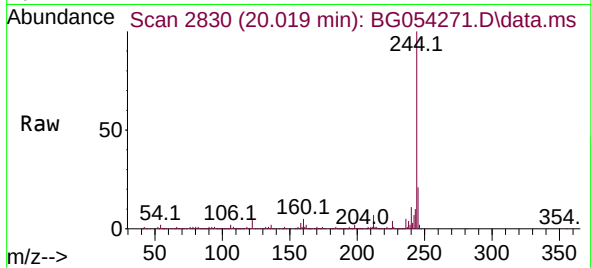




#79
 Terphenyl-d14
 Concen: 80.473 ng
 RT: 20.019 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

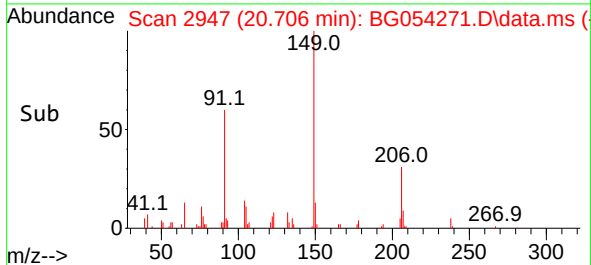
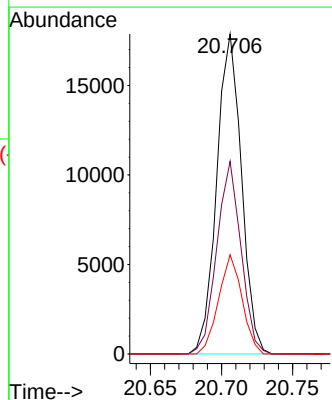
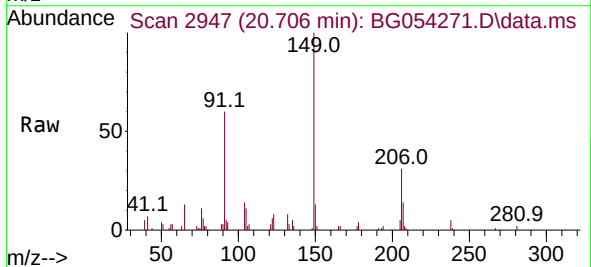
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

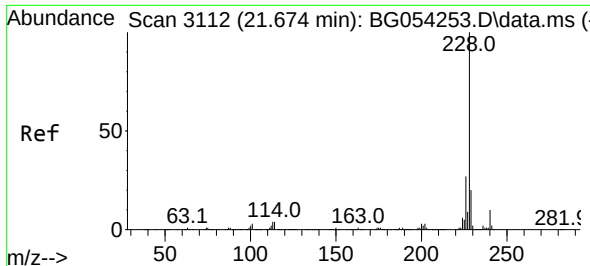
Tgt Ion:244 Resp: 742503
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.6 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 6.111 ng
 RT: 20.706 min Scan# 2947
 Delta R.T. -0.005 min
 Lab File: BG054271.D
 Acq: 13 Jul 2022 13:22

Tgt Ion:149 Resp: 21622
 Ion Ratio Lower Upper
 149 100
 91 60.2 59.6 89.4
 206 31.0 18.6 28.0#

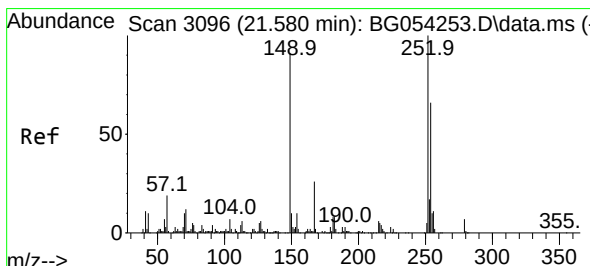
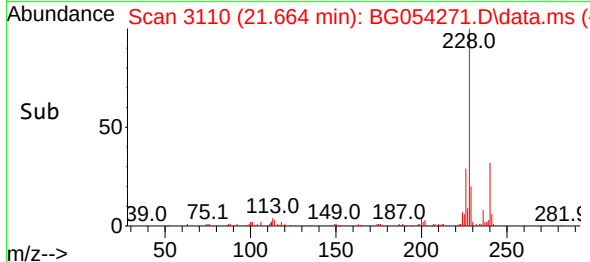
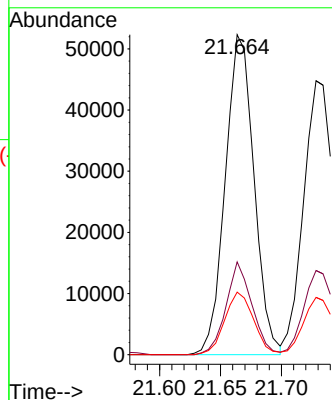
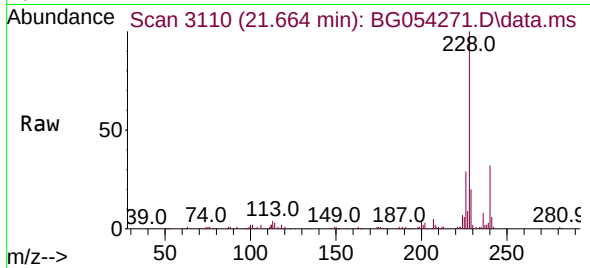




#81
Benzo(a)anthracene
Concen: 7.167 ng
RT: 21.664 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

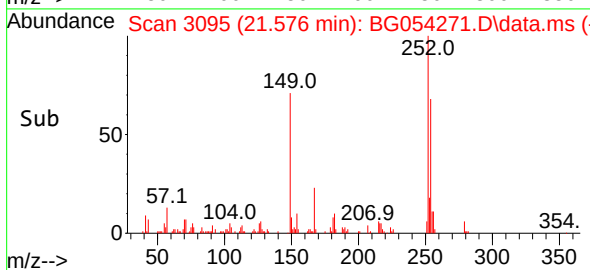
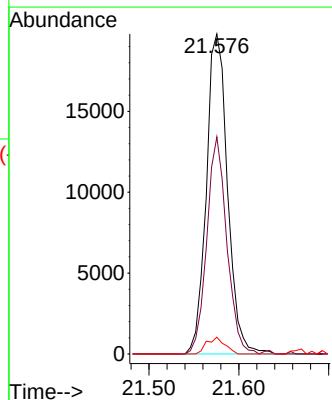
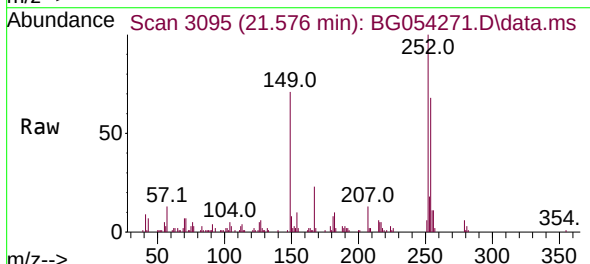
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

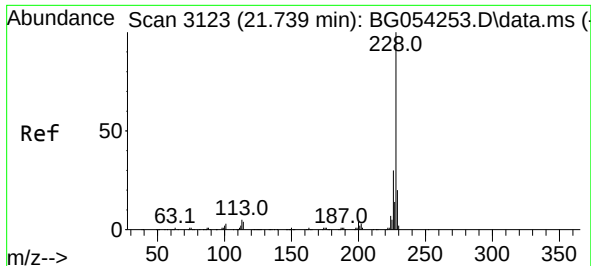
Tgt Ion:228 Resp: 86018
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 19.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 8.843 ng
RT: 21.576 min Scan# 3095
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:252 Resp: 32441
Ion Ratio Lower Upper
252 100
254 67.9 49.8 74.8
126 5.3 6.0 9.0#

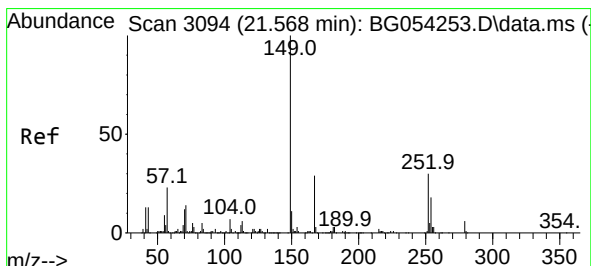
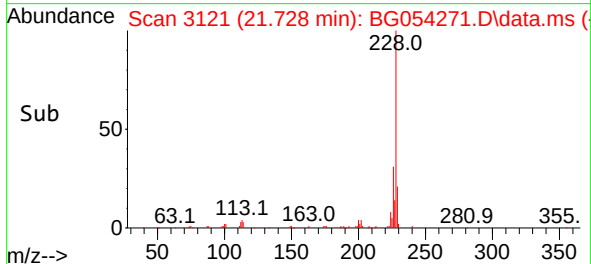
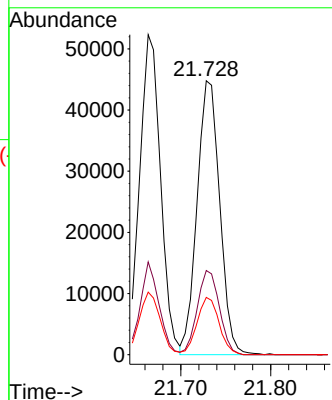
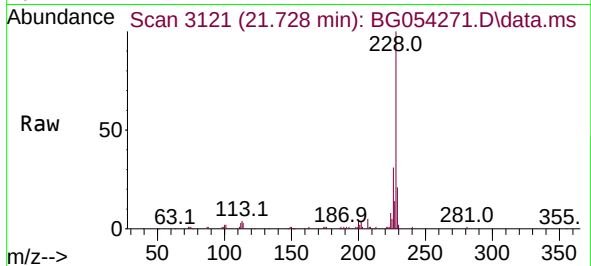




#83
Chrysene
Concen: 6.929 ng
RT: 21.728 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

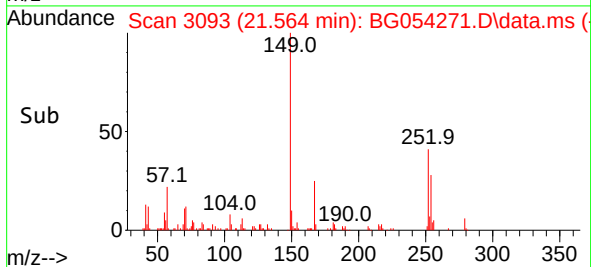
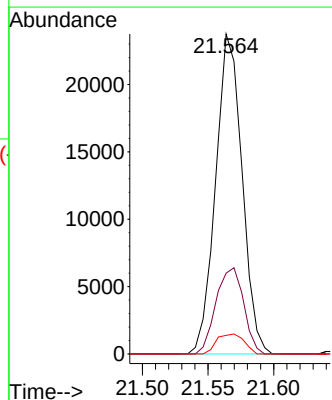
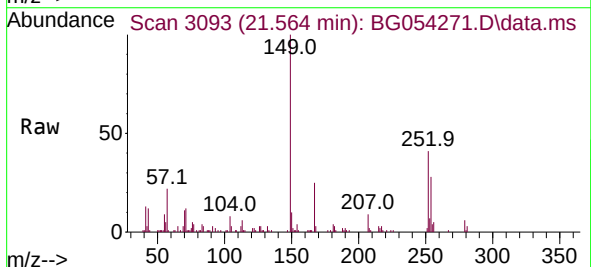
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

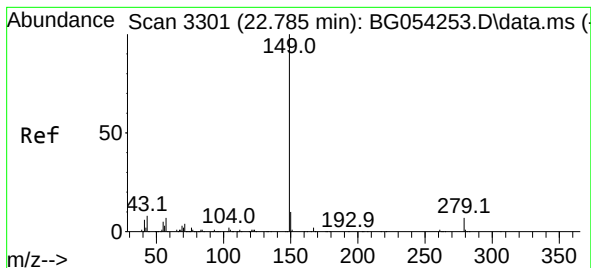
Tgt Ion:228 Resp: 78652
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 20.9 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.613 ng
RT: 21.564 min Scan# 3093
Delta R.T. -0.005 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:149 Resp: 33197
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 5.8 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 6.531 ng

RT: 22.774 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

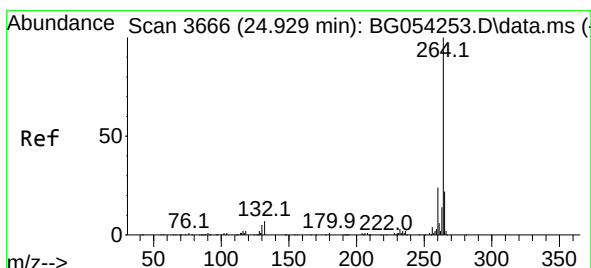
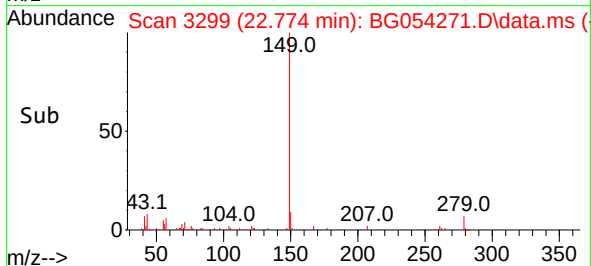
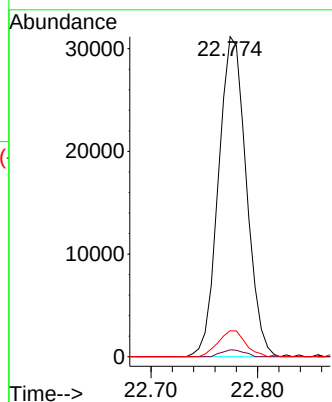
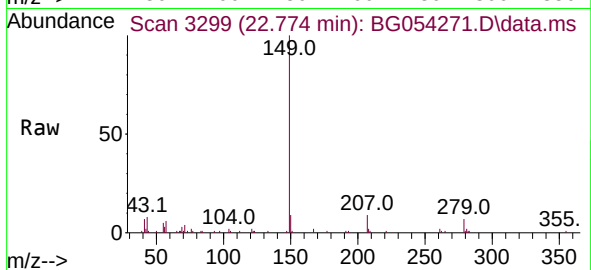
Tgt Ion:149 Resp: 56441

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.0 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.919 min Scan# 3664

Delta R.T. -0.010 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

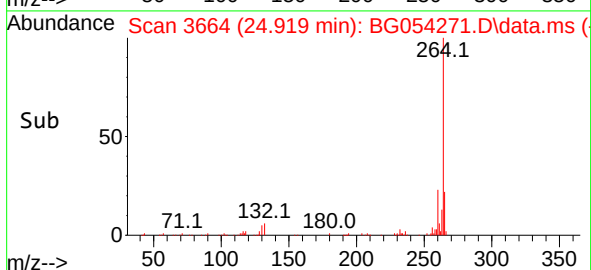
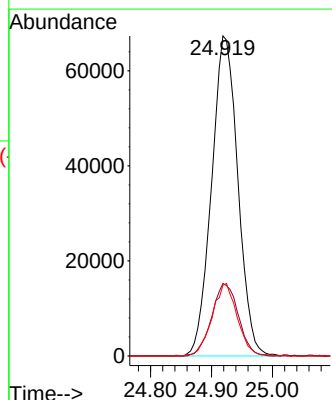
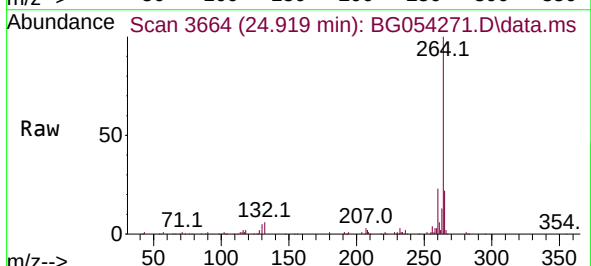
Tgt Ion:264 Resp: 201672

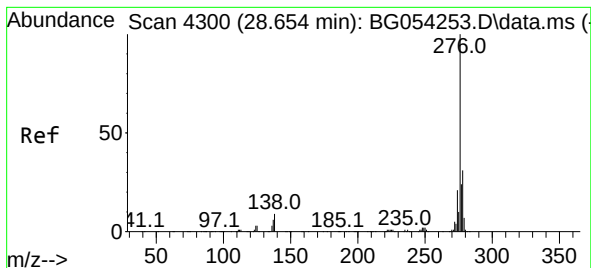
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.895 ng

RT: 28.626 min Scan# 41

Delta R.T. -0.028 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

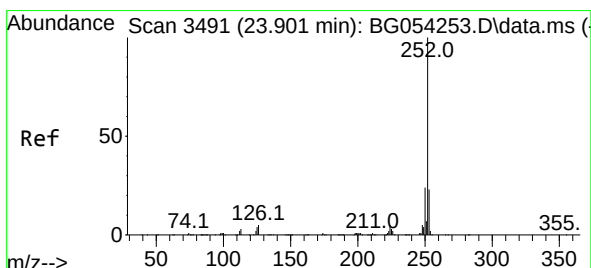
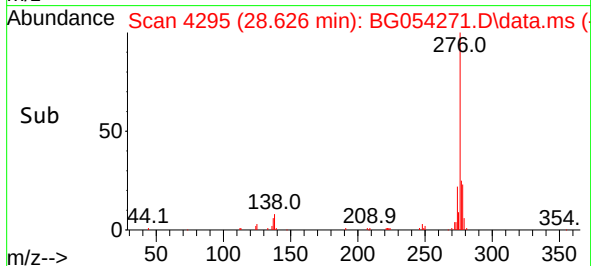
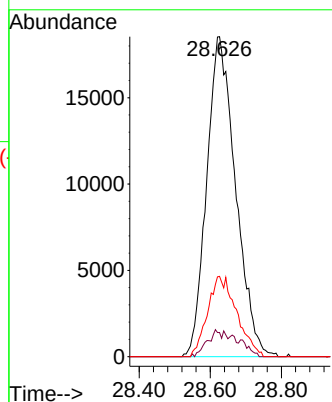
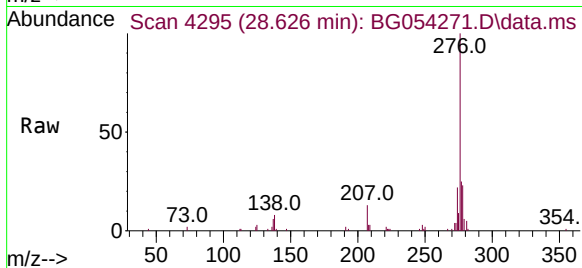
Tgt Ion:276 Resp: 104603

Ion Ratio Lower Upper

276 100

138 4.0 5.0 7.4#

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 7.463 ng

RT: 23.890 min Scan# 3489

Delta R.T. -0.011 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

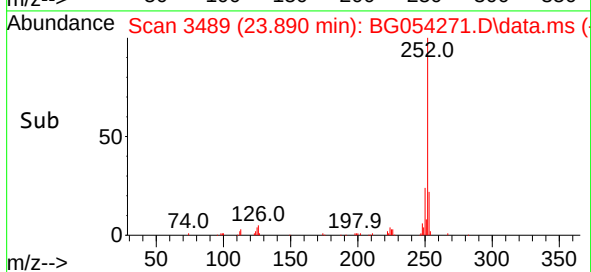
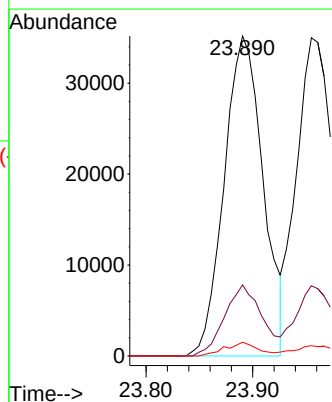
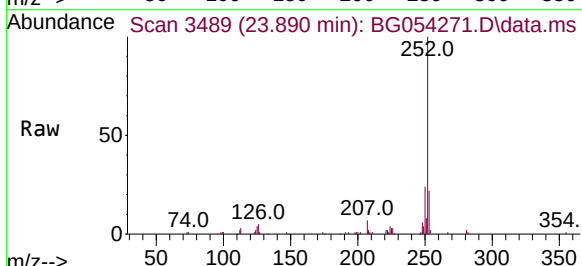
Tgt Ion:252 Resp: 89252

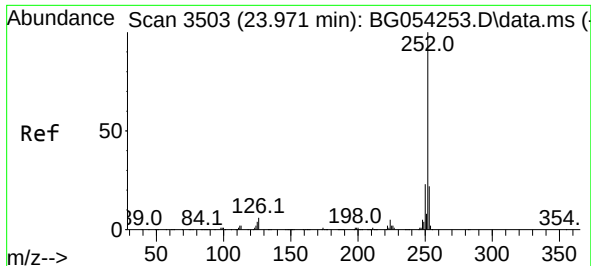
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 4.3 4.6 6.8#

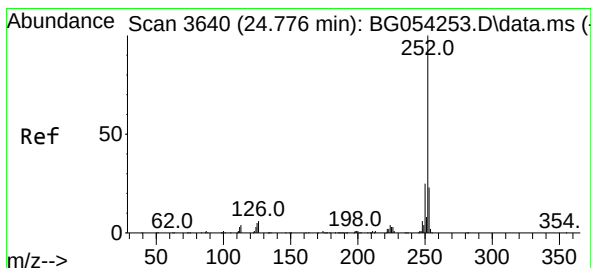
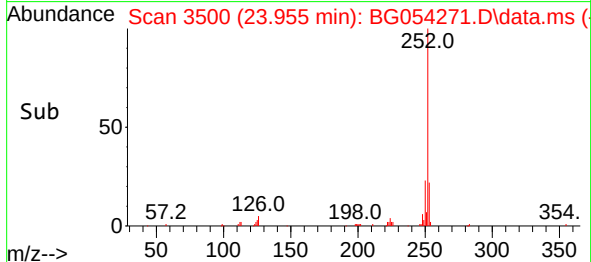
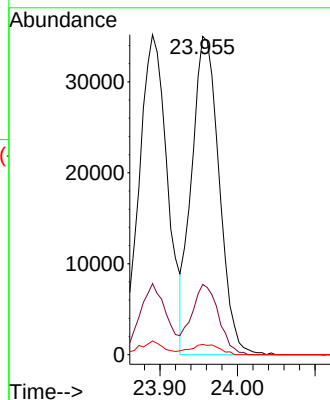
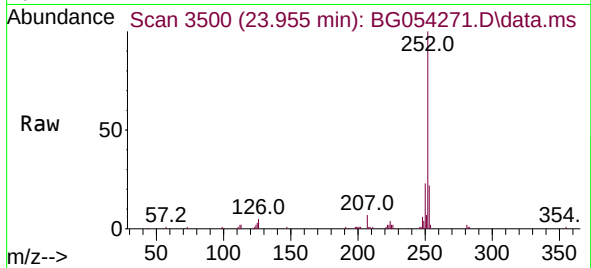




#89
Benzo(k)fluoranthene
Concen: 7.266 ng
RT: 23.955 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

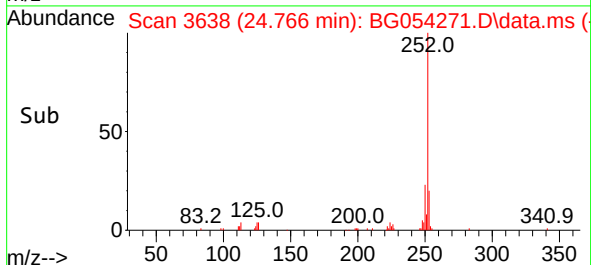
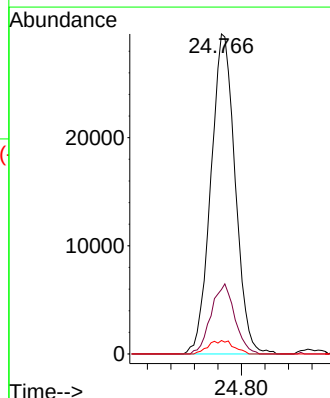
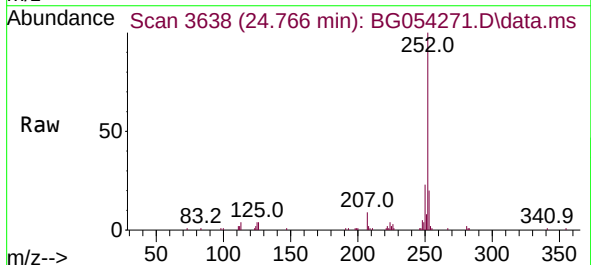
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

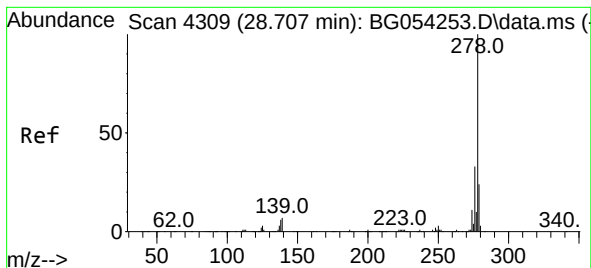
Tgt Ion:252 Resp: 86203
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 3.2 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 8.286 ng
RT: 24.766 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BG054271.D
Acq: 13 Jul 2022 13:22

Tgt Ion:252 Resp: 84782
Ion Ratio Lower Upper
252 100
253 20.2 17.8 26.8
125 4.2 4.3 6.5#





#91

Dibenzo(a,h)anthracene

Concen: 7.402 ng

RT: 28.679 min Scan# 41

Delta R.T. -0.028 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

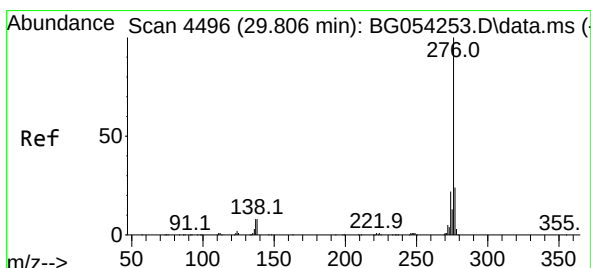
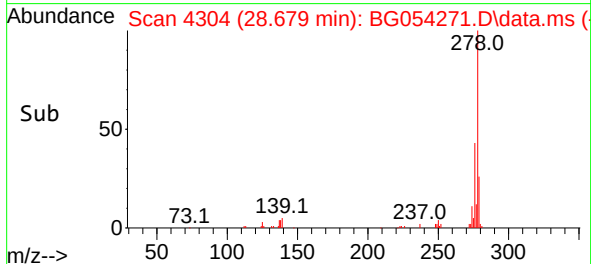
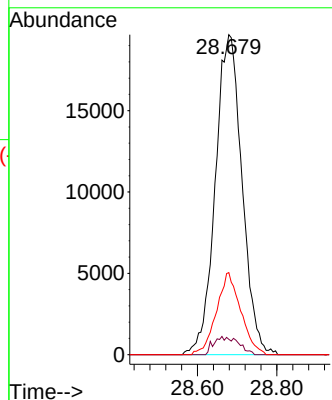
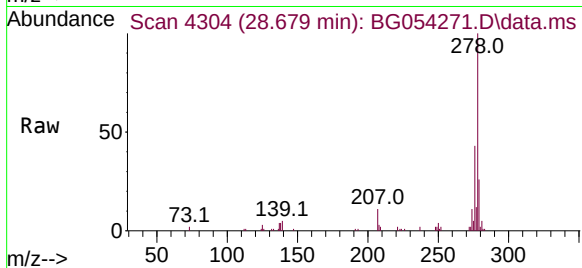
Tgt Ion:278 Resp: 91993

Ion Ratio Lower Upper

278 100

139 4.8 7.2 10.8#

279 25.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 7.365 ng

RT: 29.778 min Scan# 4491

Delta R.T. -0.028 min

Lab File: BG054271.D

Acq: 13 Jul 2022 13:22

Tgt Ion:276 Resp: 91304

Ion Ratio Lower Upper

276 100

277 26.6 17.3 25.9#

138 5.8 9.6 14.4#

