

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054273.D
 Acq On : 13 Jul 2022 17:25
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 17:57:20 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	8.036	152	18992	20.000	ng	0.00
21) Naphthalene-d8	10.844	136	69340	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	56825	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	158915	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	204533	20.000	ng	# 0.00
86) Perylene-d12	24.922	264	211204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.603	112	130320	137.861	ng	0.00
7) Phenol-d6	7.201	99	178211	136.685	ng	0.00
23) Nitrobenzene-d5	9.199	82	101545	79.471	ng	0.00
42) 2,4,6-Tribromophenol	16.162	330	180802	164.253	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	328255	84.878	ng	0.00
79) Terphenyl-d14	20.022	244	837522	84.205	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	3143	7.603	ng	89
3) Pyridine	3.894	79	7624	7.384	ng	91
4) n-Nitrosodimethylamine	3.800	42	4301	8.245	ng	84
6) Aniline	7.360	93	14277	9.315	ng	97
8) 2-Chlorophenol	7.607	128	9354	8.829	ng	86
9) Benzaldehyde	7.172	77	8637	11.031	ng	# 74
10) Phenol	7.225	94	11503	8.745	ng	80
11) bis(2-Chloroethyl)ether	7.454	93	8093	8.343	ng	81
12) 1,3-Dichlorobenzene	7.930	146	11337	8.812	ng	94
13) 1,4-Dichlorobenzene	8.071	146	11910	9.034	ng	97
14) 1,2-Dichlorobenzene	8.394	146	11593	9.158	ng	94
15) Benzyl Alcohol	8.277	79	9050	8.610	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.559	45	9821	7.291	ng	90
17) 2-Methylphenol	8.482	107	7469	7.947	ng	96
18) Hexachloroethane	9.123	117	4106	9.154	ng	# 49
19) n-Nitroso-di-n-propyla...	8.835	70	7282	8.181	ng	# 94
20) 3+4-Methylphenols	8.811	107	10673	8.093	ng	90
22) Acetophenone	8.858	105	15191	9.065	ng	# 98
24) Nitrobenzene	9.240	77	11632	9.260	ng	# 88
25) Isophorone	9.757	82	20481	8.861	ng	# 94
26) 2-Nitrophenol	9.957	139	5610	9.065	ng	# 79
27) 2,4-Dimethylphenol	10.016	122	9093	10.504	ng	96
28) bis(2-Chloroethoxy)met...	10.245	93	11256	9.566	ng	95
29) 2,4-Dichlorophenol	10.498	162	11517	9.180	ng	93
30) 1,2,4-Trichlorobenzene	10.709	180	14556	9.403	ng	95
31) Naphthalene	10.897	128	32168	9.225	ng	95
32) Benzoic acid	10.169	122	4491	12.750	ng	# 74
33) 4-Chloroaniline	11.003	127	13154	9.071	ng	# 91
34) Hexachlorobutadiene	11.185	225	13402	10.434	ng	92
35) Caprolactam	11.755	113	3304	9.247	ng	# 76
36) 4-Chloro-3-methylphenol	12.131	107	10462	8.667	ng	90
37) 2-Methylnaphthalene	12.501	142	23816	8.913	ng	97
38) 1-Methylnaphthalene	12.718	142	23817	9.180	ng	93
40) 1,2,4,5-Tetrachloroben...	12.871	216	23332	10.115	ng	# 95
41) Hexachlorocyclopentadiene	12.848	237	9735	16.876	ng	97
43) 2,4,6-Trichlorophenol	13.112	196	11894	8.979	ng	92

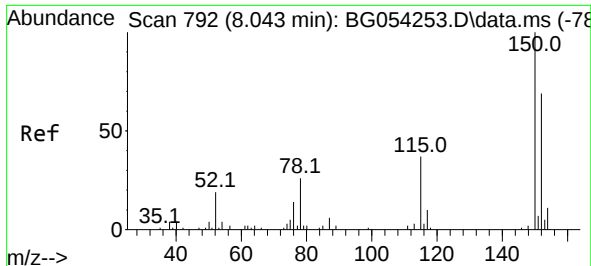
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Instrument :
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Quant Time: Jul 13 17:57:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 12:11:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.189	196	12924	8.919	ng	# 88
46) 1,1'-Biphenyl	13.506	154	36940	9.667	ng	92
47) 2-Chloronaphthalene	13.547	162	29401	9.204	ng	97
48) 2-Nitroaniline	13.747	65	7592	8.397	ng	# 89
49) Acenaphthylene	14.393	152	46366	9.567	ng	97
50) Dimethylphthalate	14.117	163	40423	9.060	ng	98
51) 2,6-Dinitrotoluene	14.234	165	8719	8.991	ng	# 77
52) Acenaphthene	14.734	154	26887	9.173	ng	97
53) 3-Nitroaniline	14.569	138	6931	8.063	ng	# 94
54) 2,4-Dinitrophenol	14.787	184	5244	11.533	ng	# 72
55) Dibenzofuran	15.069	168	49519	9.618	ng	94
56) 4-Nitrophenol	14.887	139	4673	8.462	ng	92
57) 2,4-Dinitrotoluene	15.028	165	12843	9.146	ng	# 81
58) Fluorene	15.715	166	39906	9.330	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.298	232	12532	8.635	ng	# 81
60) Diethylphthalate	15.474	149	39157	8.998	ng	96
61) 4-Chlorophenyl-phenyle...	15.703	204	27110	9.979	ng	# 83
62) 4-Nitroaniline	15.733	138	7600	8.465	ng	90
63) Azobenzene	15.997	77	27700	8.446	ng	82
65) 4,6-Dinitro-2-methylph...	15.797	198	9826	10.511	ng	77
66) n-Nitrosodiphenylamine	15.915	169	36653	9.144	ng	94
67) 4-Bromophenyl-phenylether	16.596	248	19811	9.347	ng	92
68) Hexachlorobenzene	16.726	284	23471	9.702	ng	# 89
69) Atrazine	16.861	200	17903	10.113	ng	92
70) Pentachlorophenol	17.072	266	9684	9.964	ng	95
71) Phenanthrene	17.454	178	71917	9.047	ng	98
72) Anthracene	17.548	178	72601	9.326	ng	98
73) Carbazole	17.813	167	61737	9.364	ng	# 96
74) Di-n-butylphthalate	18.365	149	69814	8.943	ng	98
75) Fluoranthene	19.464	202	101961	9.431	ng	97
77) Benzidine	19.640	184	41298	11.502	ng	99
78) Pyrene	19.828	202	104700	8.895	ng	98
80) Butylbenzylphthalate	20.703	149	30889	8.099	ng	# 84
81) Benzo(a)anthracene	21.667	228	116860	9.032	ng	99
82) 3,3'-Dichlorobenzidine	21.579	252	45339	11.465	ng	# 98
83) Chrysene	21.731	228	109414	8.941	ng	97
84) Bis(2-ethylhexyl)phtha...	21.567	149	46723	8.634	ng	# 91
85) Di-n-octyl phthalate	22.777	149	78687	8.446	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.623	276	145988	9.188	ng	# 97
88) Benzo(b)fluoranthene	23.894	252	120133	9.592	ng	# 98
89) Benzo(k)fluoranthene	23.958	252	120926	9.733	ng	# 96
90) Benzo(a)pyrene	24.769	252	117242	10.941	ng	# 98
91) Dibenzo(a,h)anthracene	28.676	278	127010	9.758	ng	# 96
92) Benzo(g,h,i)perylene	29.787	276	125542	9.670	ng	# 95

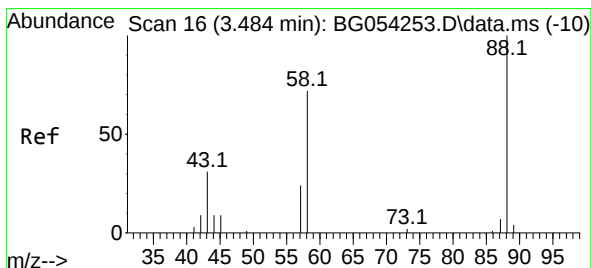
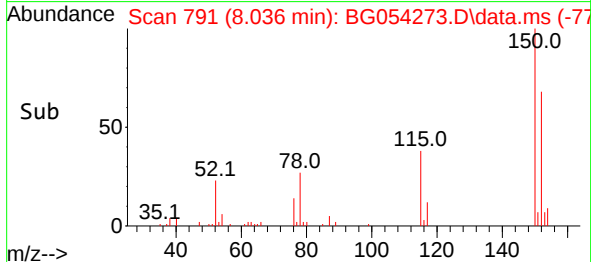
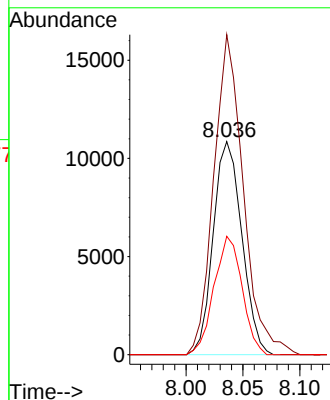
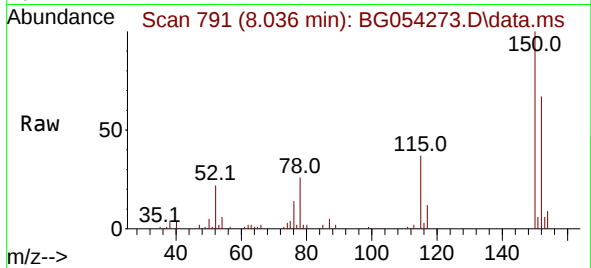
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

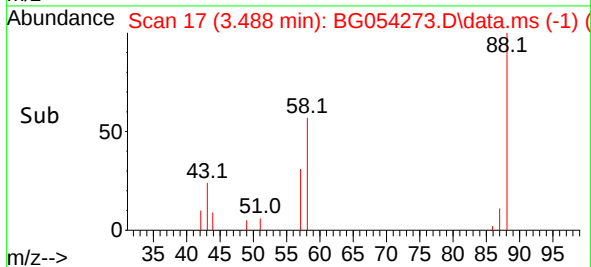
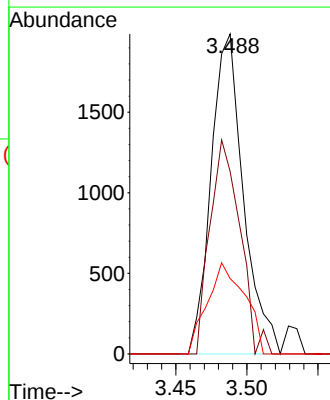
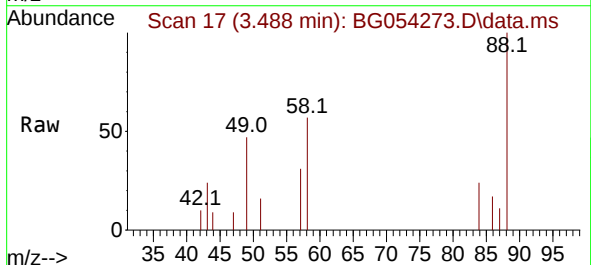
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

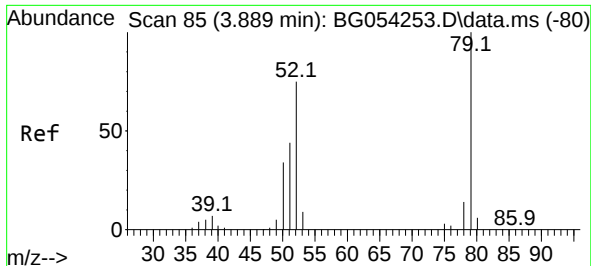
Tgt Ion:152 Resp: 18992
Ion Ratio Lower Upper
152 100
150 150.1 131.6 197.4
115 55.5 50.9 76.3



#2
1,4-Dioxane
Concen: 7.603 ng
RT: 3.488 min Scan# 17
Delta R.T. 0.004 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 88 Resp: 3143
Ion Ratio Lower Upper
88 100
58 62.1 59.2 88.8
43 32.9 24.3 36.5

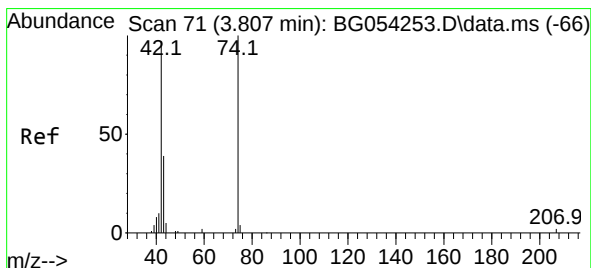
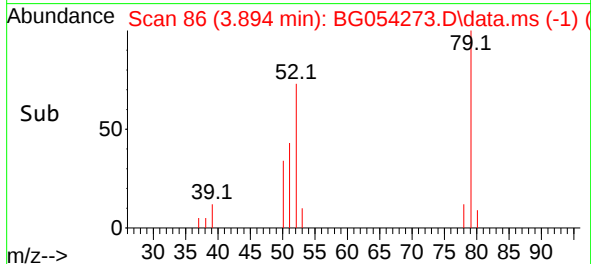
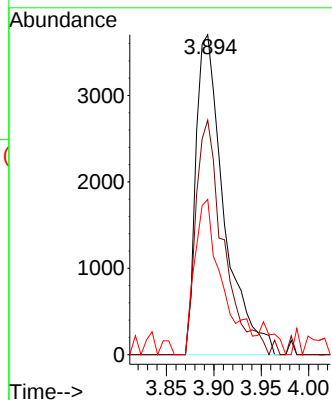
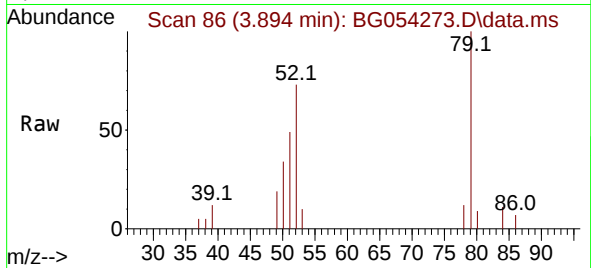




#3
Pyridine
Concen: 7.384 ng
RT: 3.894 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

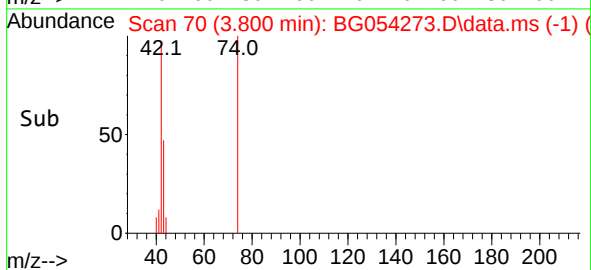
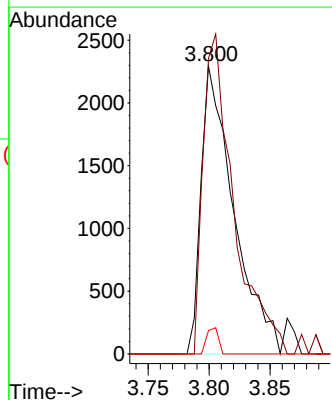
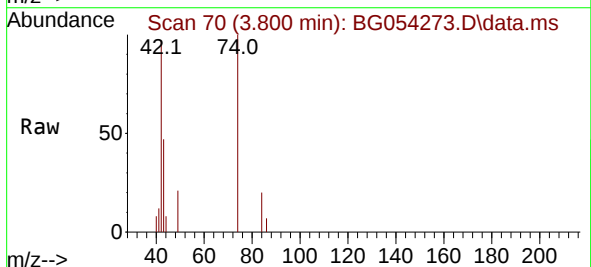
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

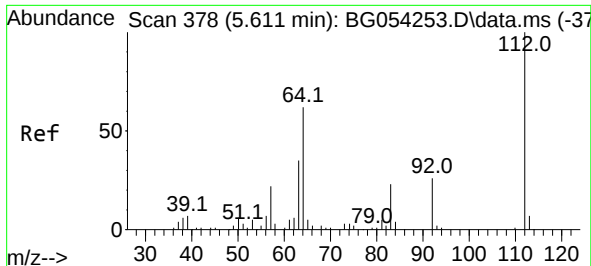
Tgt Ion: 79	Resp: 7624
Ion Ratio	Lower Upper
79	100
52	73.3 54.6 81.8
51	48.6 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 8.245 ng
RT: 3.800 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 42	Resp: 4301
Ion Ratio	Lower Upper
42	100
74	102.7 97.0 145.4
44	8.1 7.0 10.4

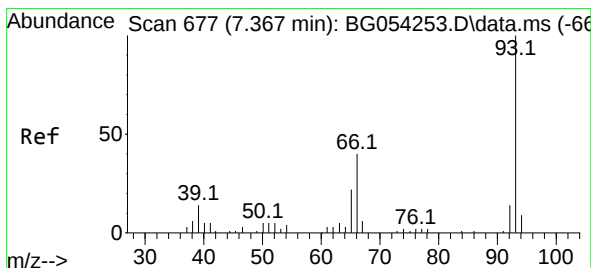
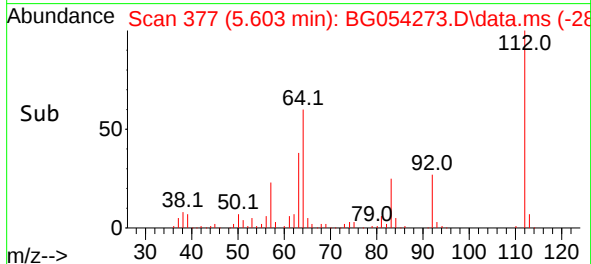
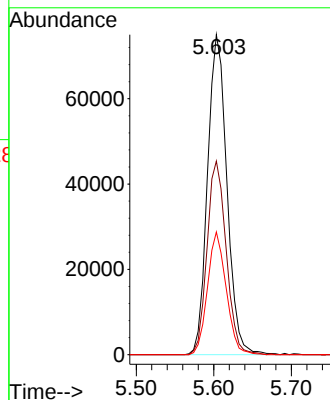
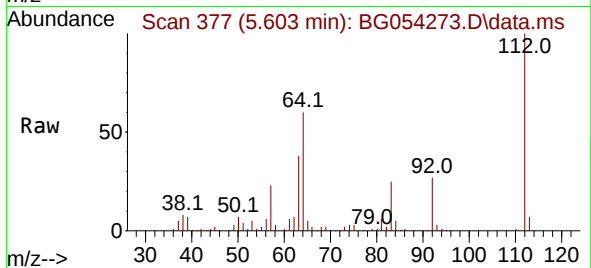




#5
2-Fluorophenol
Concen: 137.861 ng
RT: 5.603 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

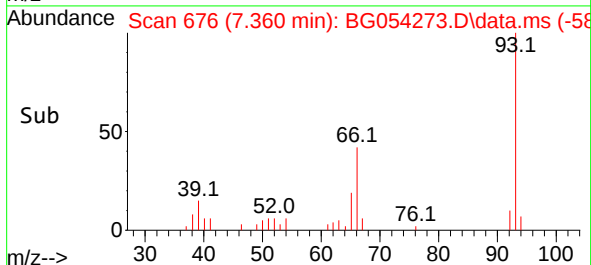
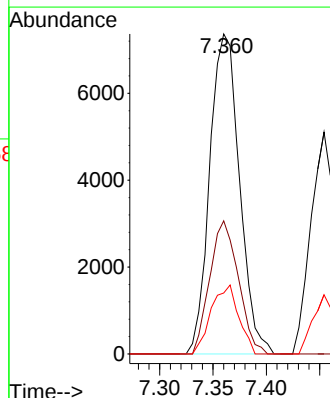
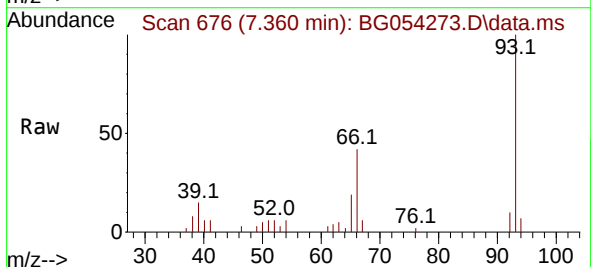
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BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

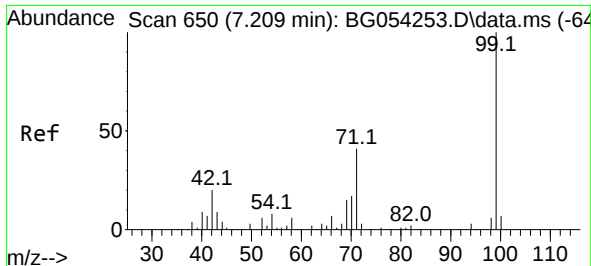
Tgt Ion:112 Resp: 130320
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 38.3 30.4 45.6



#6
Aniline
Concen: 9.315 ng
RT: 7.360 min Scan# 676
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 93 Resp: 14277
Ion Ratio Lower Upper
93 100
66 41.6 32.9 49.3
65 19.1 17.8 26.8

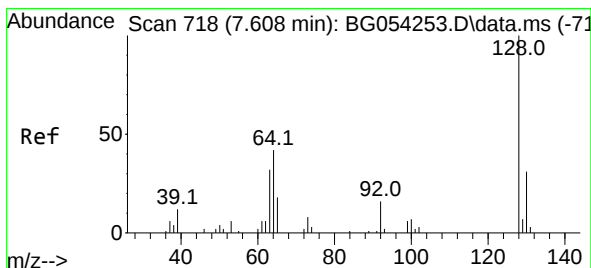
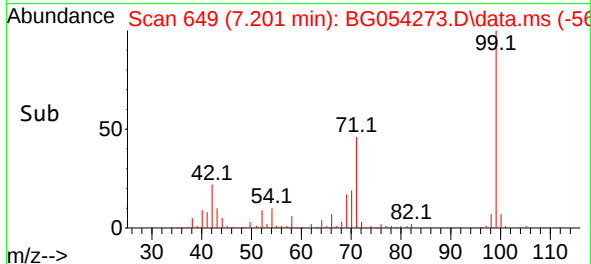
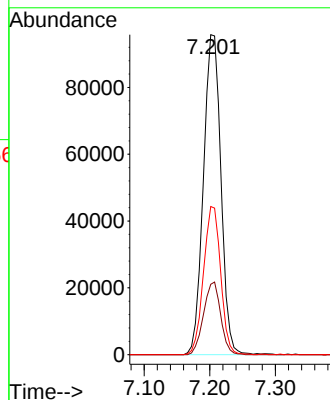
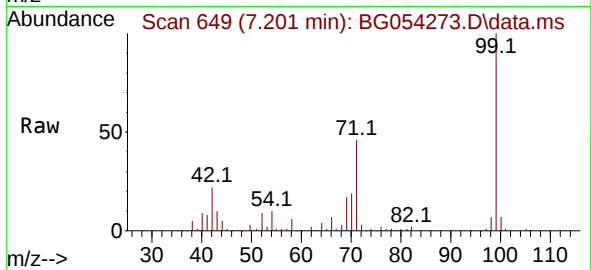




#7
Phenol-d6
Concen: 136.685 ng
RT: 7.201 min Scan# 649
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

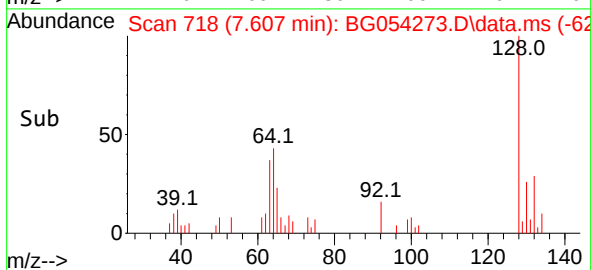
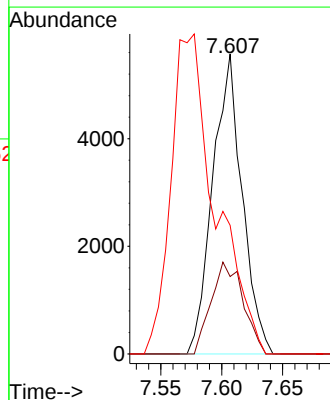
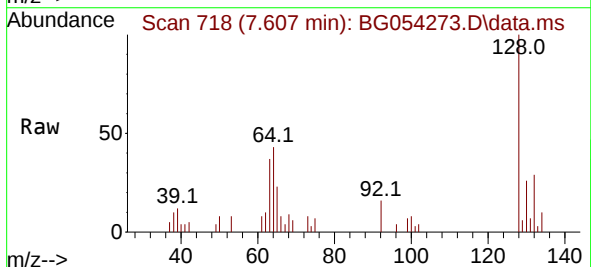
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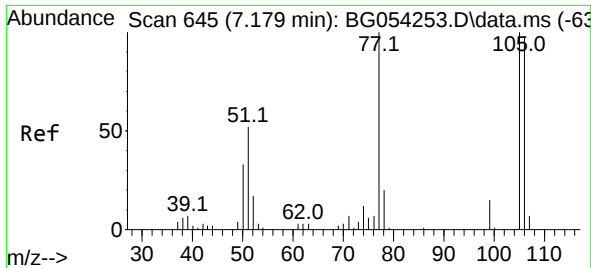
Tgt Ion: 99 Resp: 178211
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 46.3 33.8 50.8



#8
2-Chlorophenol
Concen: 8.829 ng
RT: 7.607 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 128 Resp: 9354
Ion Ratio Lower Upper
128 100
130 25.8 10.5 50.5
64 42.9 35.1 75.1





#9

Benzaldehyde

Concen: 11.031 ng

RT: 7.172 min Scan# 64

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

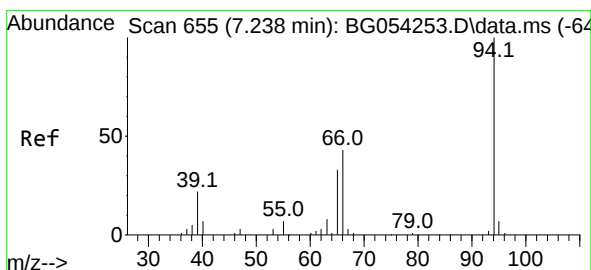
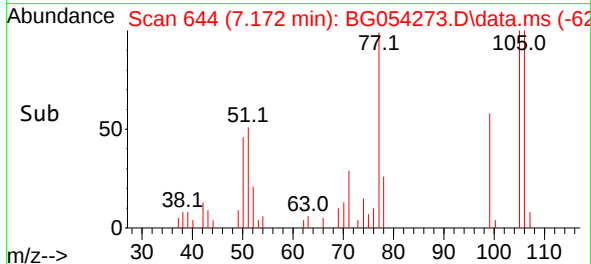
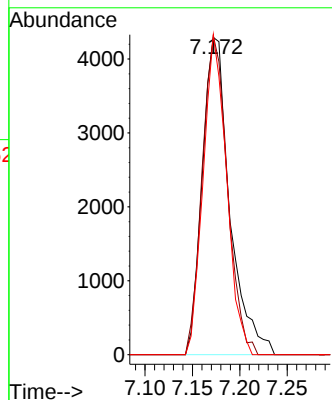
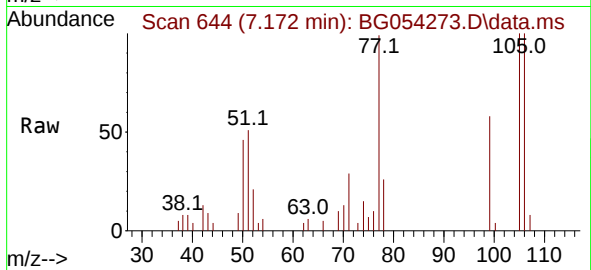
Tgt Ion: 77 Resp: 8637

Ion Ratio Lower Upper

77 100

105 100.5 59.6 99.6#

106 100.9 56.8 96.8#



#10

Phenol

Concen: 8.745 ng

RT: 7.225 min Scan# 653

Delta R.T. -0.013 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

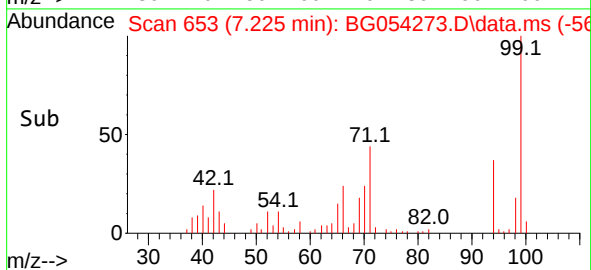
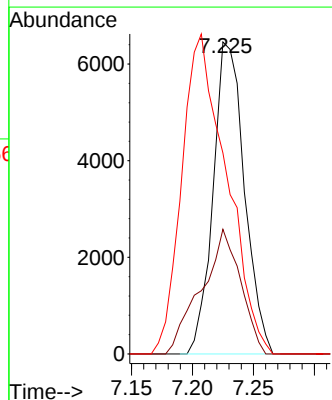
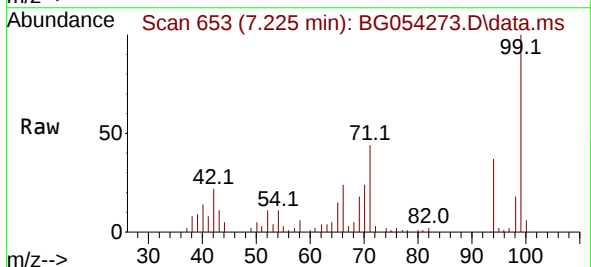
Tgt Ion: 94 Resp: 11503

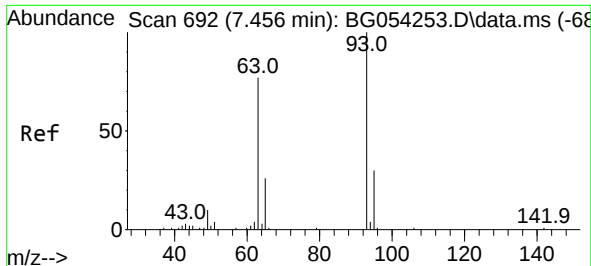
Ion Ratio Lower Upper

94 100

65 39.9 14.8 54.8

66 64.4 25.2 65.2

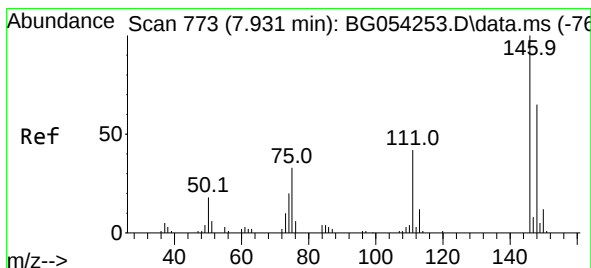
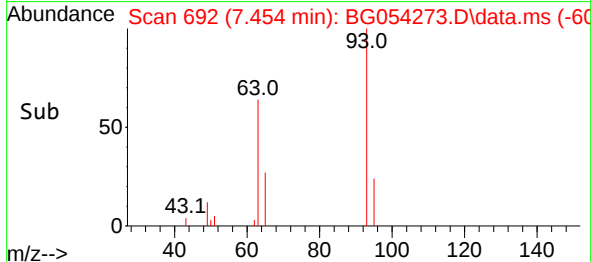
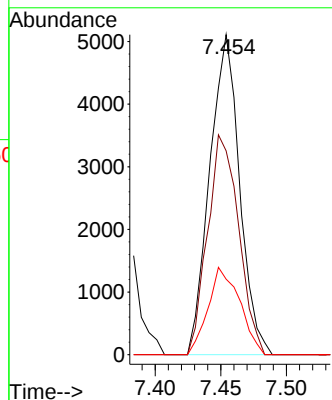
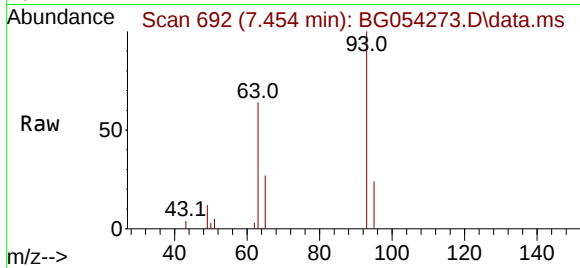




#11
bis(2-Chloroethyl)ether
Concen: 8.343 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

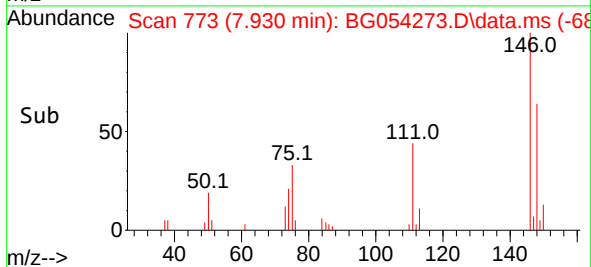
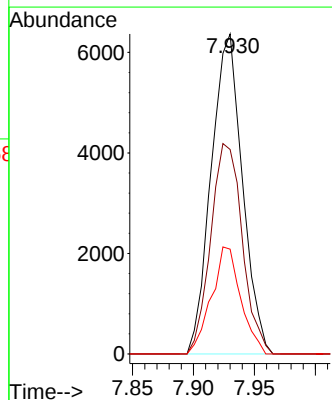
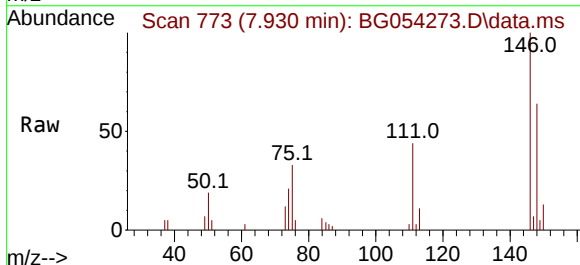
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

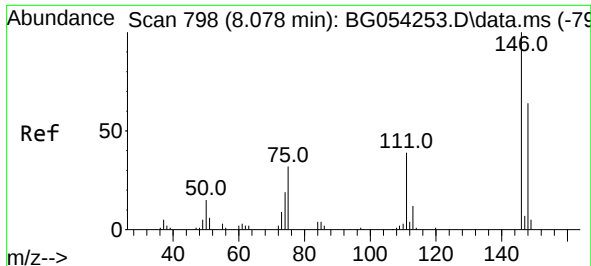
Tgt Ion:	93	Resp:	8093
Ion	Ratio	Lower	Upper
93	100		
63	63.7	63.6	103.6
95	23.6	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 8.812 ng
RT: 7.930 min Scan# 773
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:	146	Resp:	11337
Ion	Ratio	Lower	Upper
146	100		
148	63.9	46.1	69.1
75	32.8	27.6	41.4

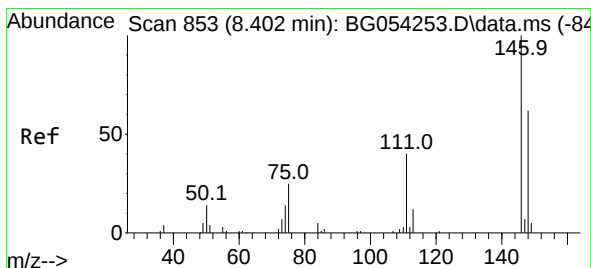
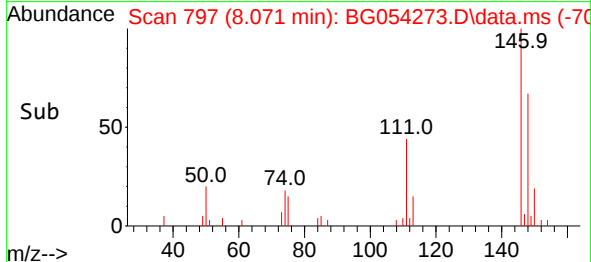
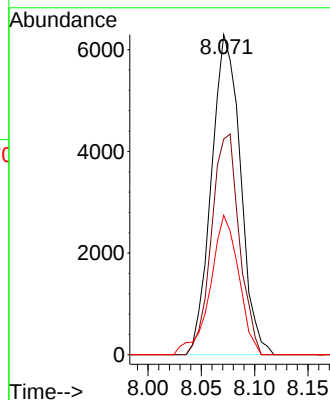
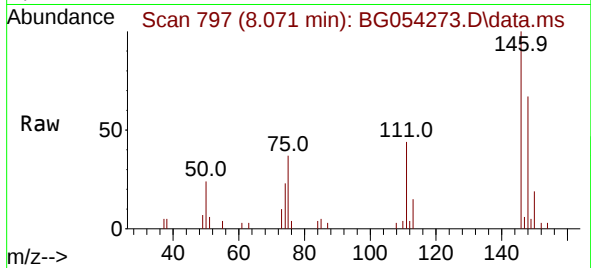




#13
1,4-Dichlorobenzene
Concen: 9.034 ng
RT: 8.071 min Scan# 798
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

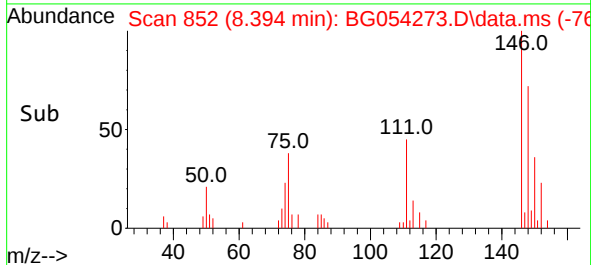
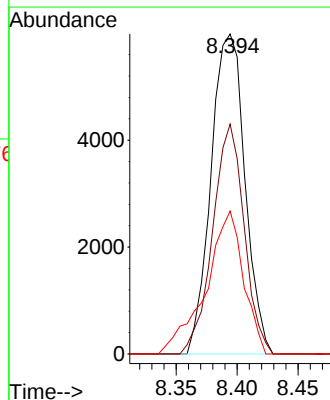
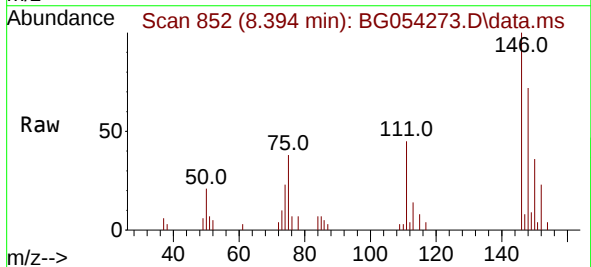
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

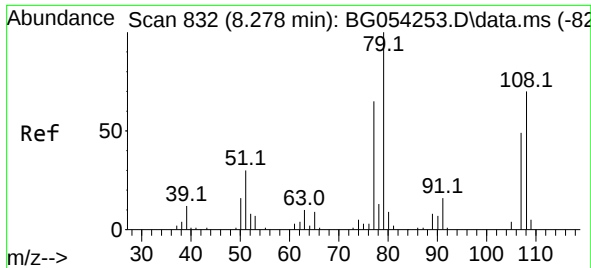
Tgt Ion:146 Resp: 11910
Ion Ratio Lower Upper
146 100
148 67.3 51.5 77.3
111 43.5 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 9.158 ng
RT: 8.394 min Scan# 852
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:146 Resp: 11593
Ion Ratio Lower Upper
146 100
148 71.9 52.6 78.8
111 44.6 34.5 51.7

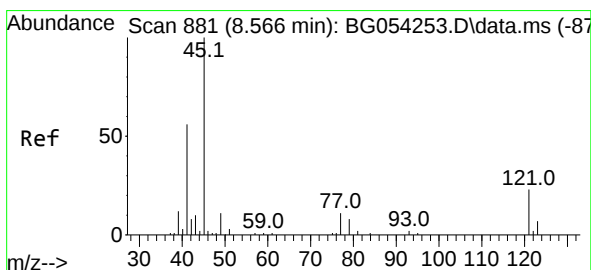
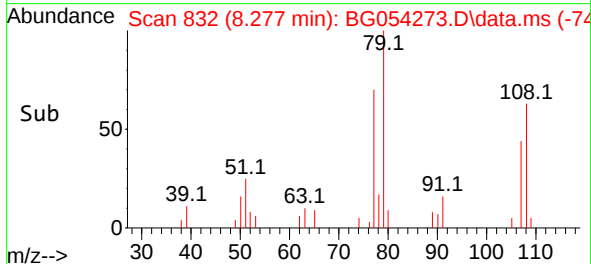
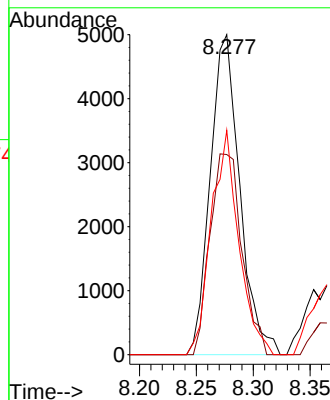
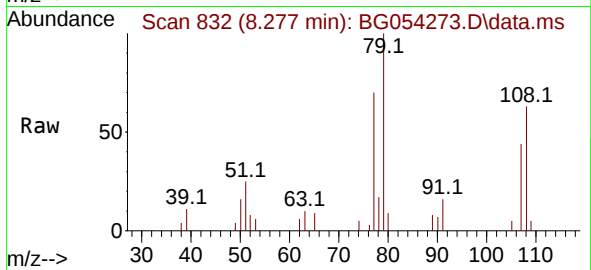




#15
Benzyl Alcohol
Concen: 8.610 ng
RT: 8.277 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

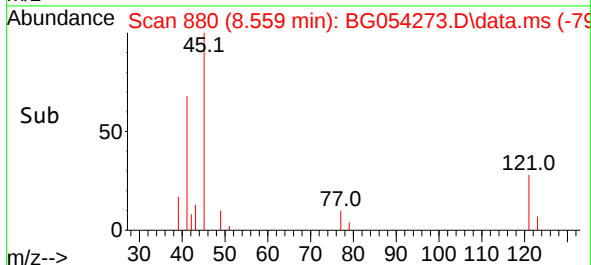
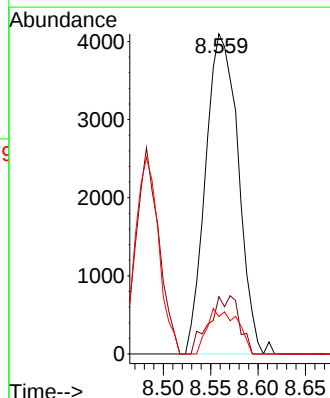
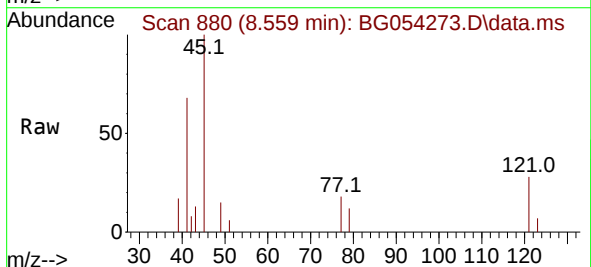
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

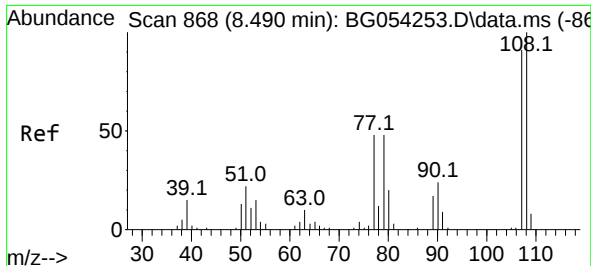
Tgt Ion: 79	Resp: 9050
Ion Ratio	Lower Upper
79 100	
108 62.5	53.7 80.5
77 70.1	52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.291 ng
RT: 8.559 min Scan# 880
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 45	Resp: 9821
Ion Ratio	Lower Upper
45 100	
77 17.9	0.0 32.7
79 11.7	0.0 29.7

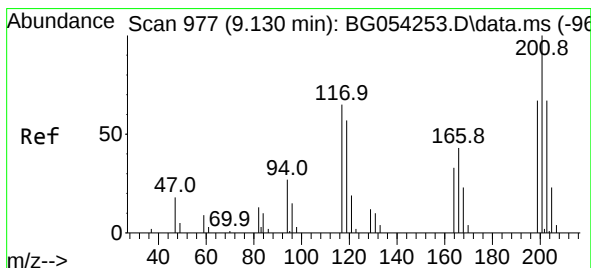
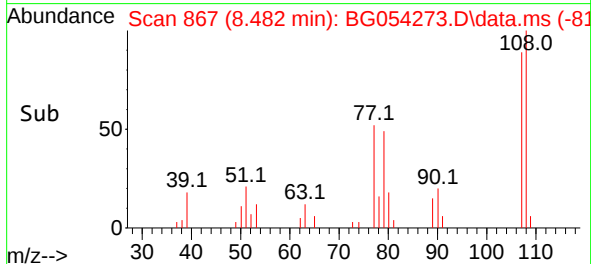
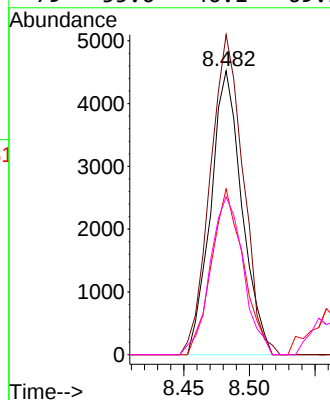
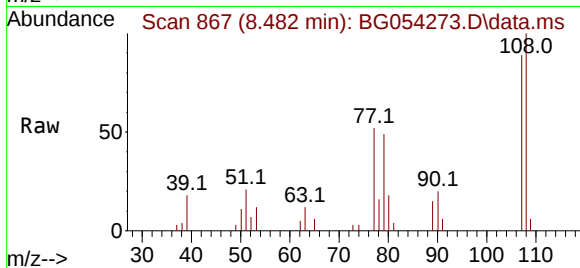




#17
2-Methylphenol
Concen: 7.947 ng
RT: 8.482 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

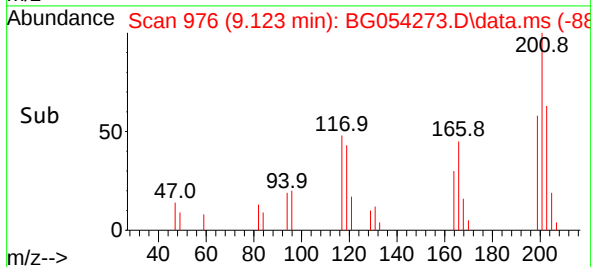
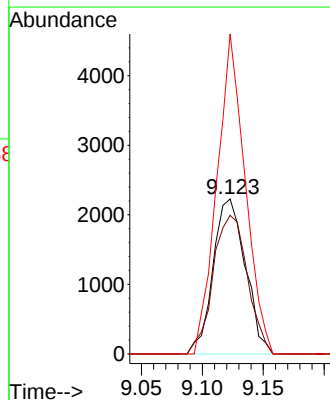
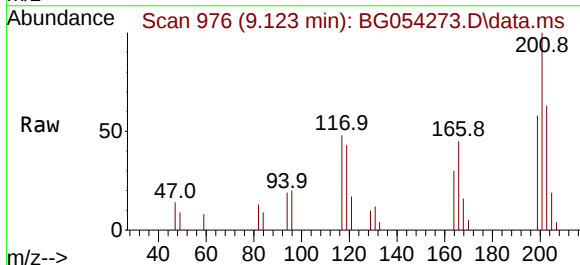
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

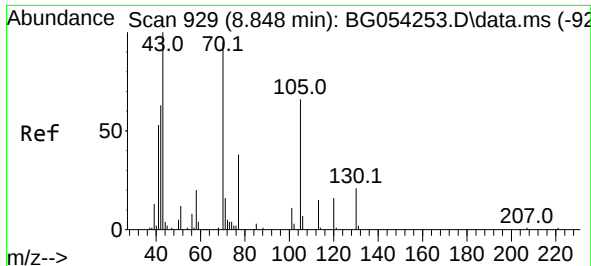
Tgt Ion:	107	Resp:	7469
Ion	Ratio	Lower	Upper
107	100		
108	112.7	85.4	128.0
77	58.4	46.2	69.2
79	55.6	46.1	69.1



#18
Hexachloroethane
Concen: 9.154 ng
RT: 9.123 min Scan# 976
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:	117	Resp:	4106
Ion	Ratio	Lower	Upper
117	100		
119	89.4	75.0	112.6
201	206.4	89.0	133.6#

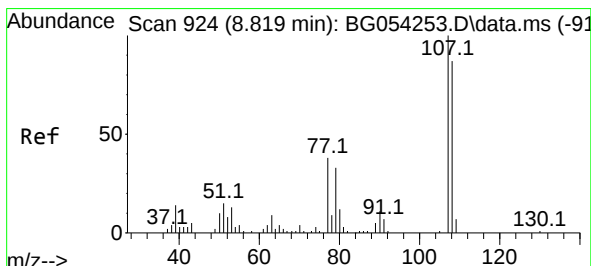
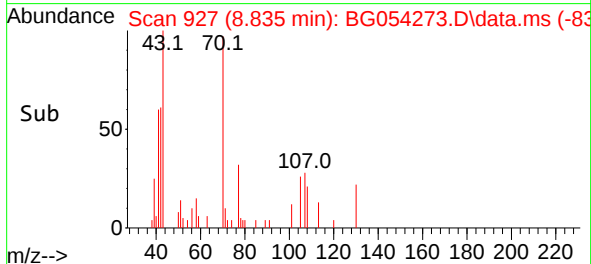
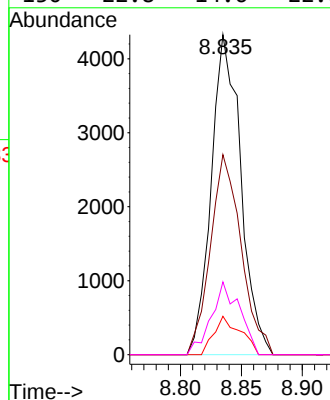
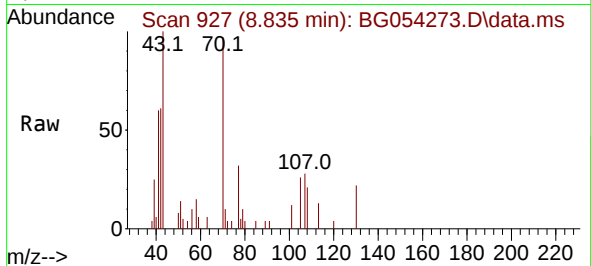




#19
n-Nitroso-di-n-propylamine
Concen: 8.181 ng
RT: 8.835 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

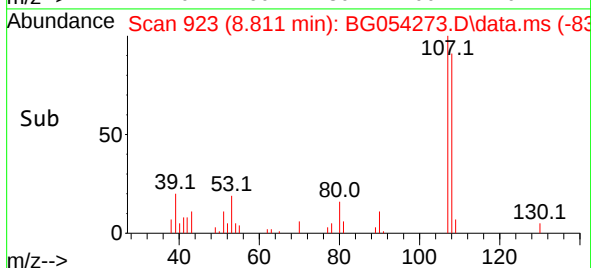
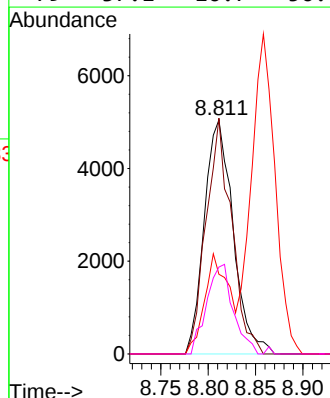
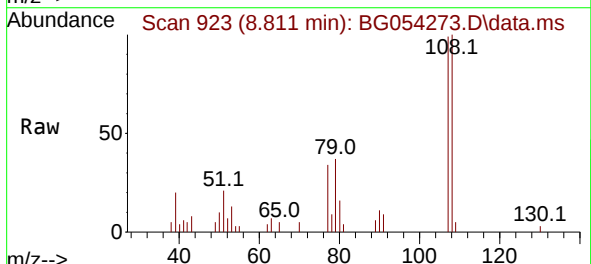
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

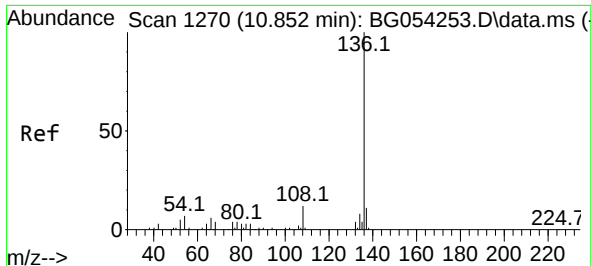
Tgt Ion: 70	Resp: 7282
Ion Ratio	Lower Upper
70	100
42	62.5 47.3 70.9
101	12.0 7.0 10.4#
130	22.8 14.6 22.0#



#20
3+4-Methylphenols
Concen: 8.093 ng
RT: 8.811 min Scan# 923
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 107	Resp: 10673
Ion Ratio	Lower Upper
107	100
108	100.7 67.5 107.5
77	34.1 20.3 60.3
79	37.1 16.7 56.7

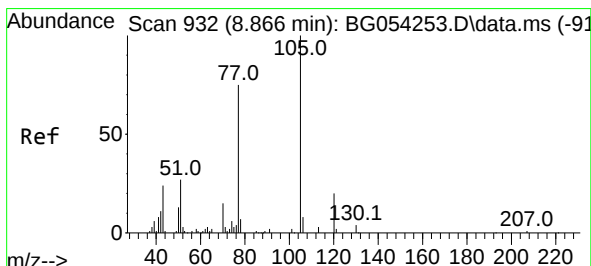
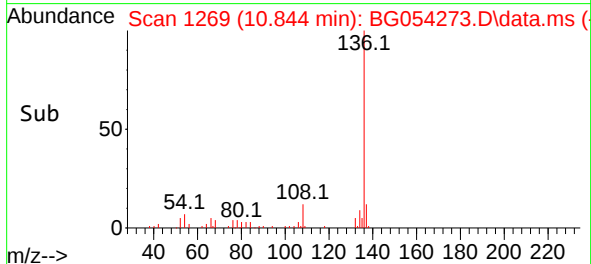
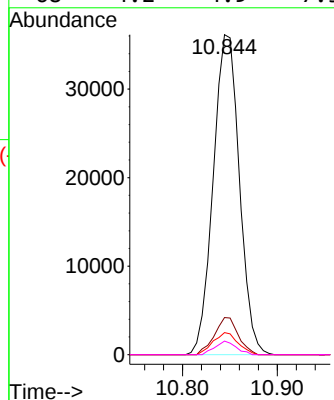
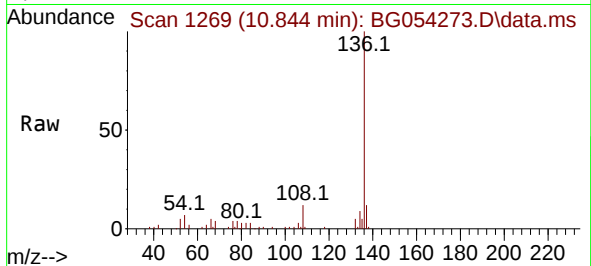




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.844 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

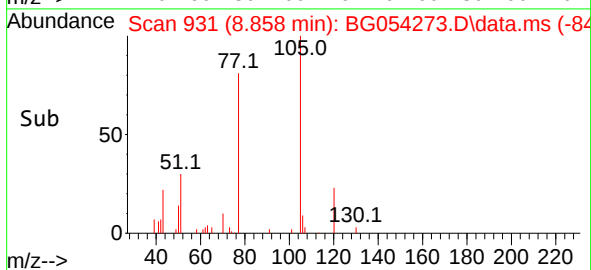
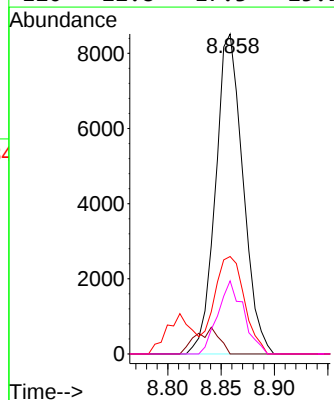
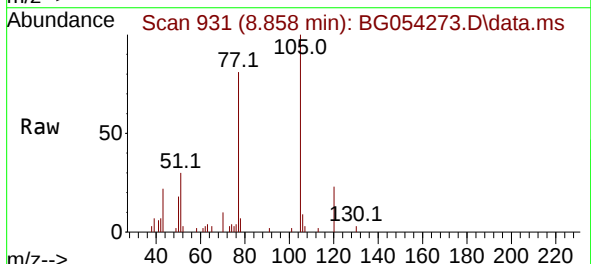
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

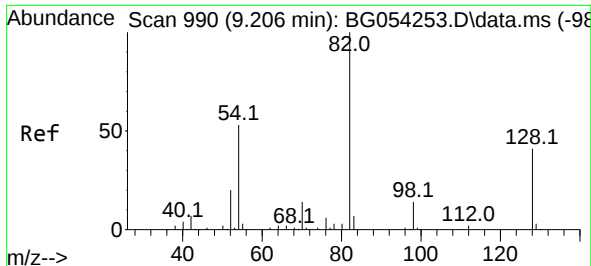
Tgt Ion:136 Resp: 69340
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 6.9 7.4 11.2#
68 4.2 4.9 7.3#



#22
Acetophenone
Concen: 9.065 ng
RT: 8.858 min Scan# 931
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:105 Resp: 15191
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 30.4 25.4 38.0
120 22.8 17.3 25.9

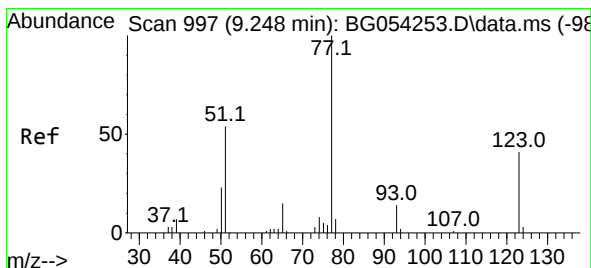
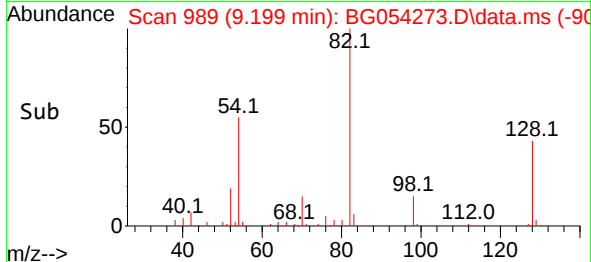
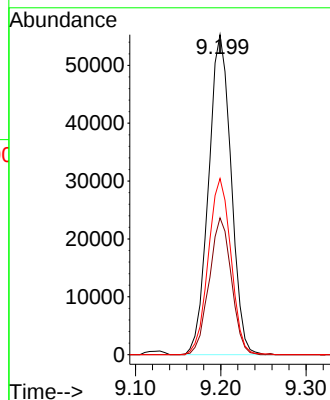
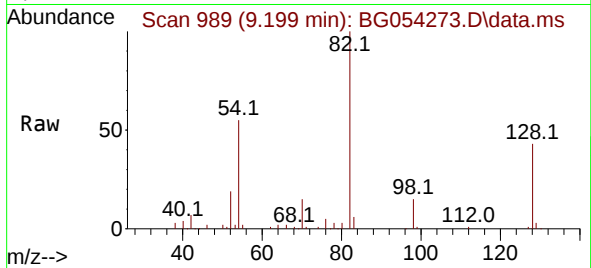




#23
Nitrobenzene-d5
Concen: 79.471 ng
RT: 9.199 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

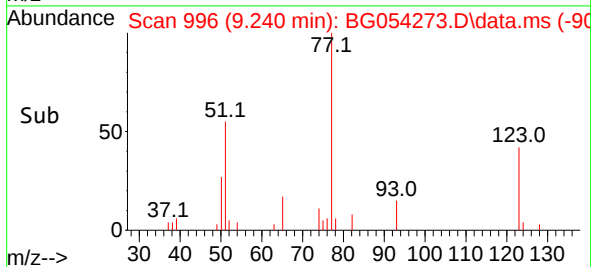
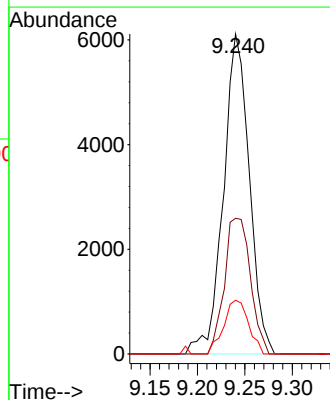
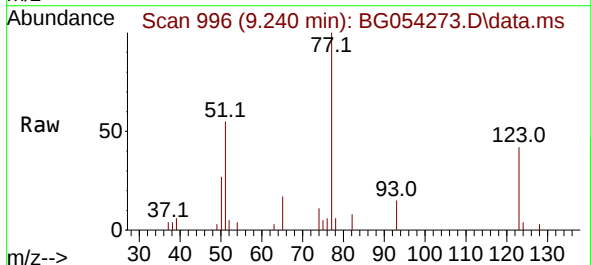
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

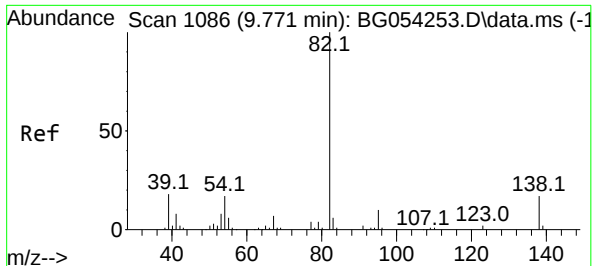
Tgt Ion: 82 Resp: 101545
Ion Ratio Lower Upper
82 100
128 42.8 27.9 41.9#
54 55.0 41.2 61.8



#24
Nitrobenzene
Concen: 9.260 ng
RT: 9.240 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 77 Resp: 11632
Ion Ratio Lower Upper
77 100
123 42.4 27.4 41.0#
65 16.8 11.4 17.0

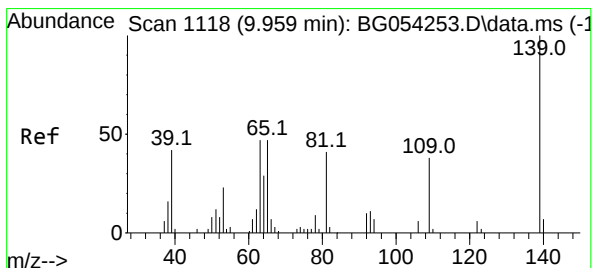
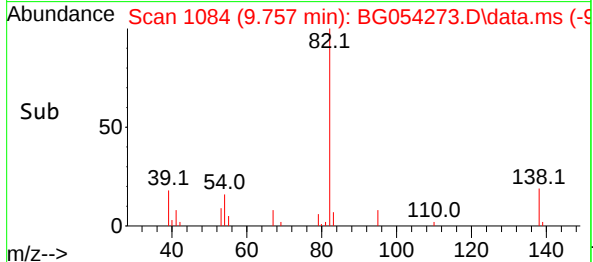
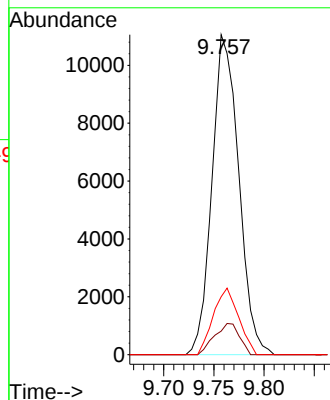
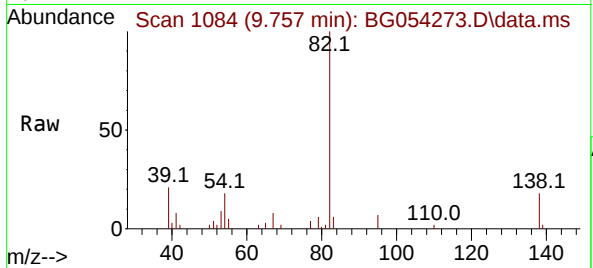




#25
Isophorone
Concen: 8.861 ng
RT: 9.757 min Scan# 1084
Delta R.T. -0.013 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

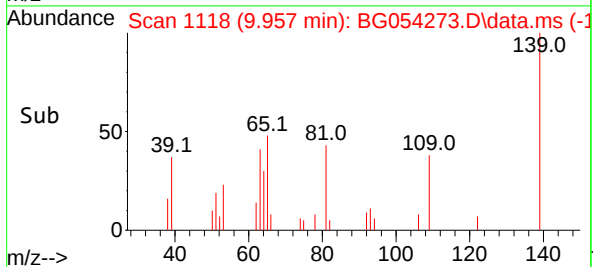
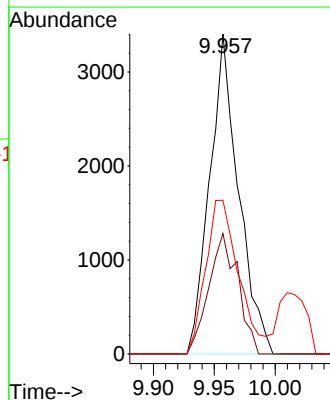
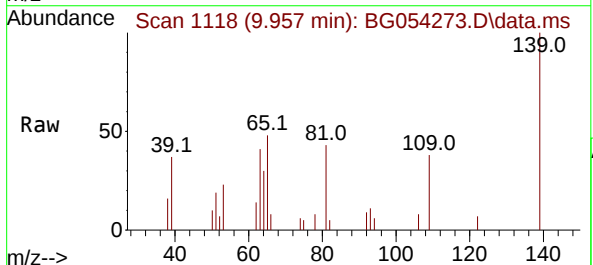
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

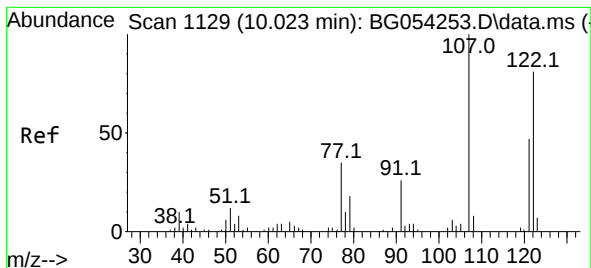
Tgt Ion: 82 Resp: 20481
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.4
138 18.1 11.6 17.4#



#26
2-Nitrophenol
Concen: 9.065 ng
RT: 9.957 min Scan# 1118
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion: 139 Resp: 5610
Ion Ratio Lower Upper
139 100
109 37.7 36.1 54.1
65 48.0 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 10.504 ng

RT: 10.016 min Scan# 1128

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

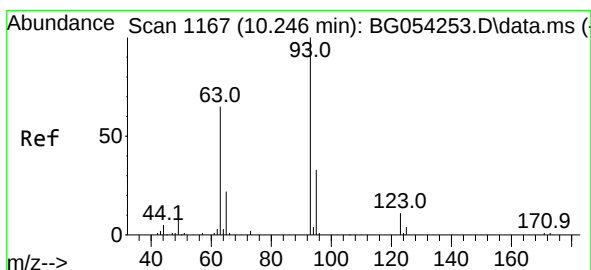
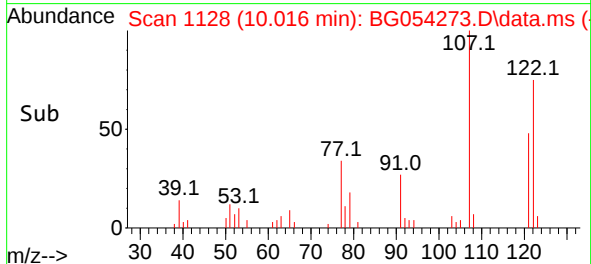
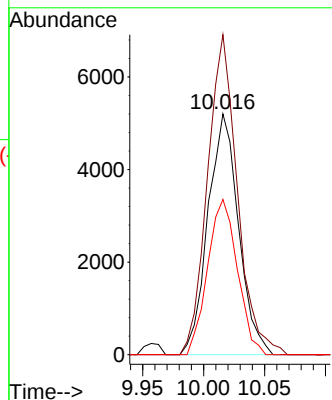
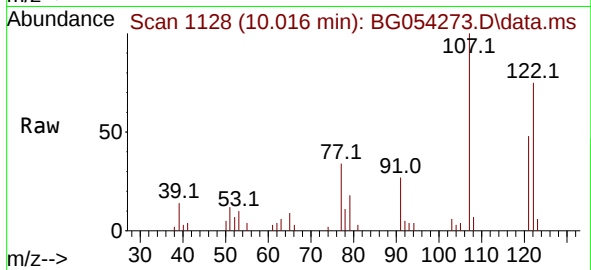
Tgt Ion:122 Resp: 9093

Ion Ratio Lower Upper

122 100

107 132.9 109.4 164.0

121 64.4 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 9.566 ng

RT: 10.245 min Scan# 1167

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

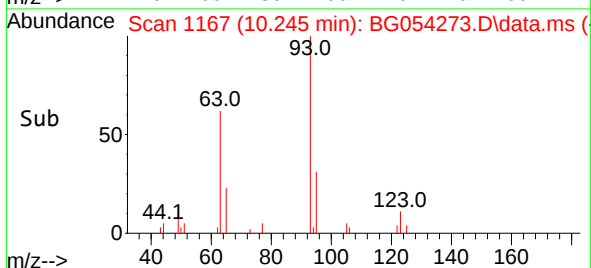
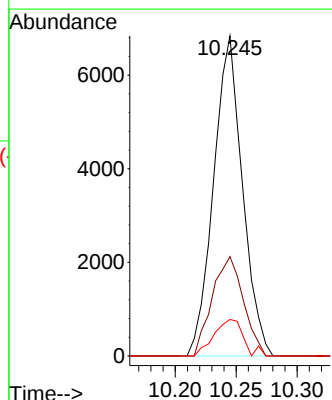
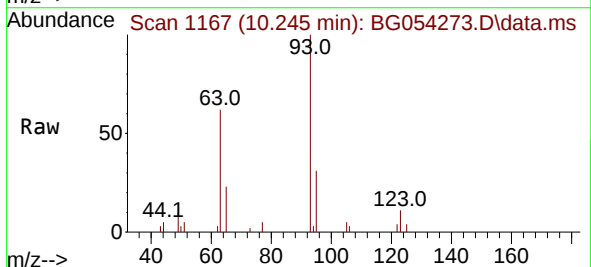
Tgt Ion: 93 Resp: 11256

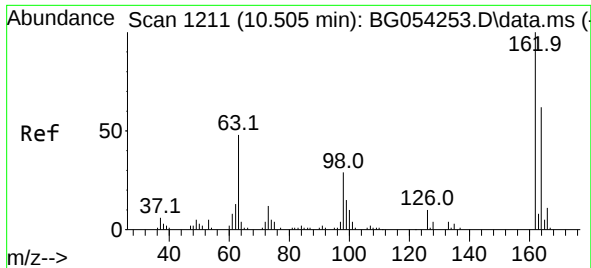
Ion Ratio Lower Upper

93 100

95 31.1 26.9 40.3

123 11.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 9.180 ng

RT: 10.498 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

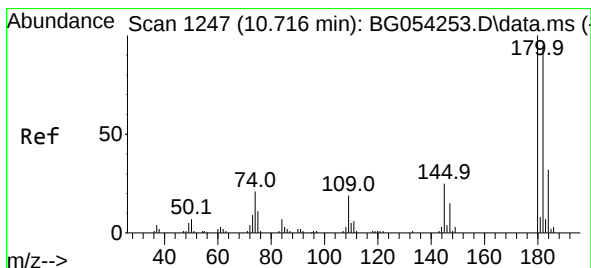
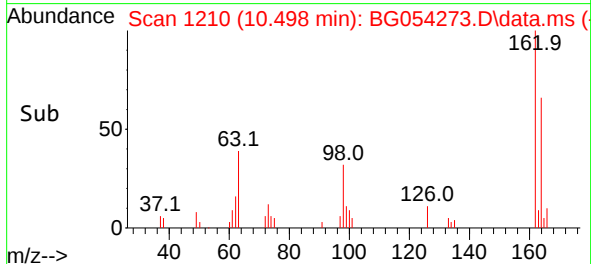
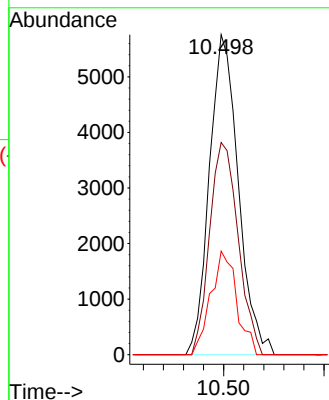
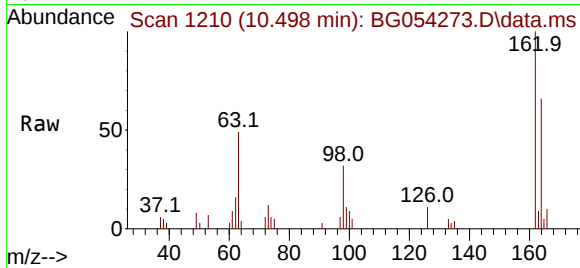
Tgt Ion:162 Resp: 11517

Ion Ratio Lower Upper

162 100

164 66.3 46.6 86.6

98 32.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 9.403 ng

RT: 10.709 min Scan# 1246

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

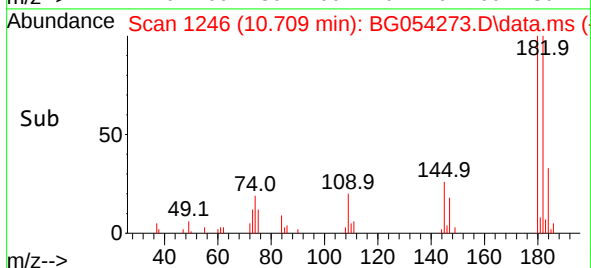
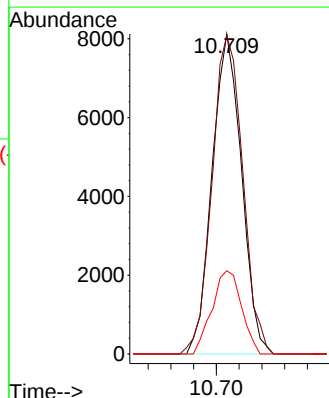
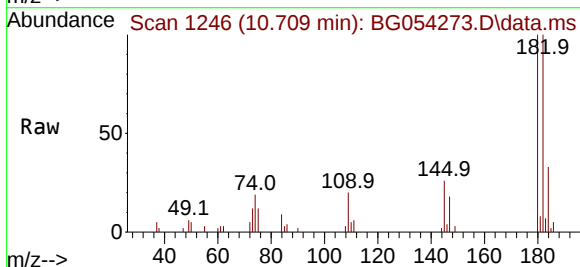
Tgt Ion:180 Resp: 14556

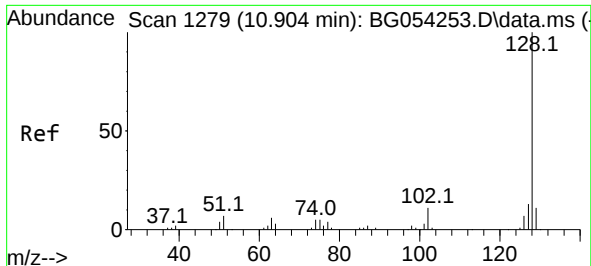
Ion Ratio Lower Upper

180 100

182 99.5 76.6 115.0

145 26.0 25.0 37.4

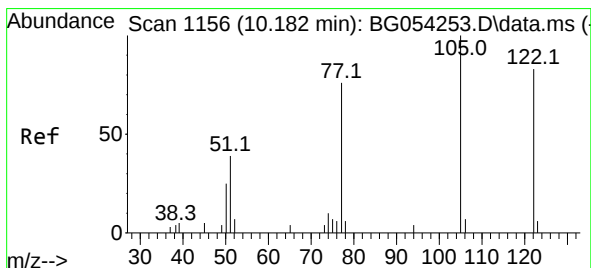
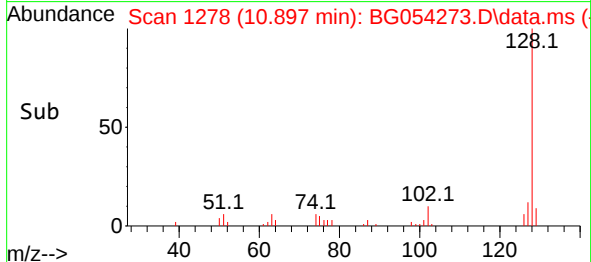
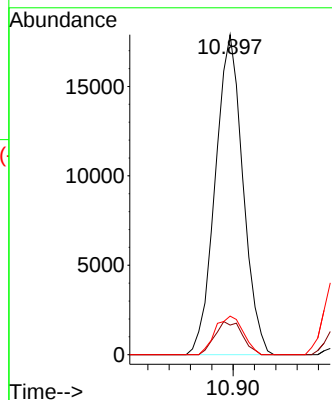
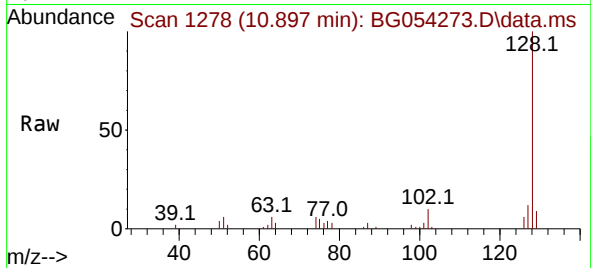




#31
Naphthalene
Concen: 9.225 ng
RT: 10.897 min Scan# 1154
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

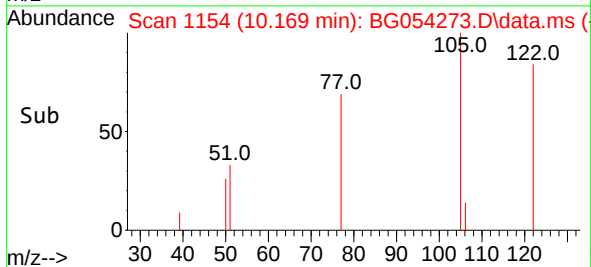
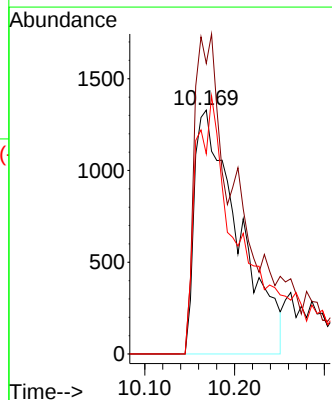
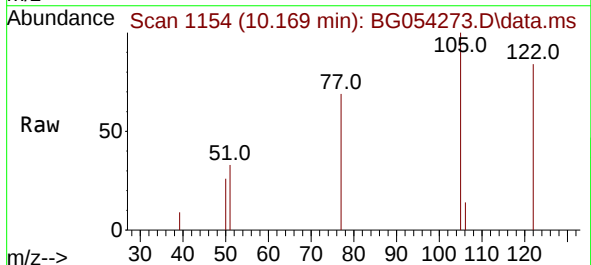
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

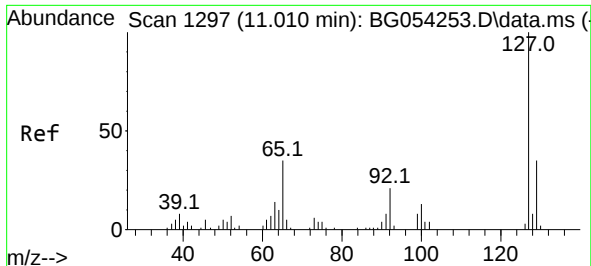
Tgt Ion:128 Resp: 32168
Ion Ratio Lower Upper
128 100
129 9.3 9.0 13.6
127 12.1 11.1 16.7



#32
Benzoic acid
Concen: 12.750 ng
RT: 10.169 min Scan# 1154
Delta R.T. -0.013 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

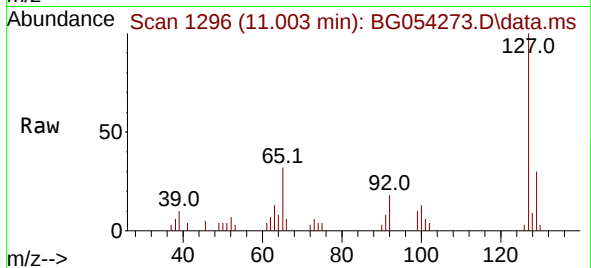
Tgt Ion:122 Resp: 4491
Ion Ratio Lower Upper
122 100
105 119.2 111.8 151.8
77 82.1 109.4 149.4#



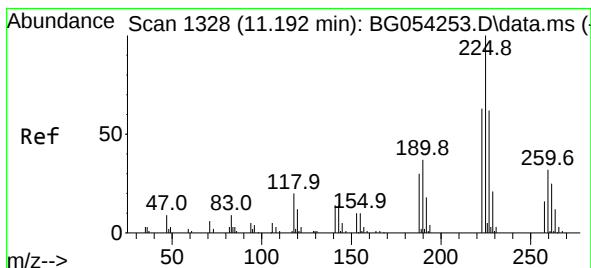
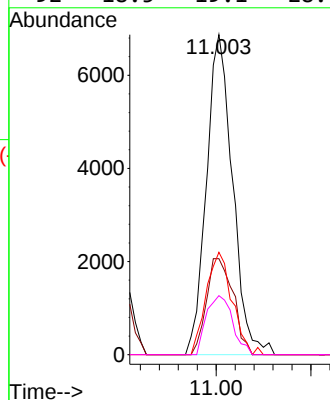


#33
4-Chloroaniline
Concen: 9.071 ng
RT: 11.003 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

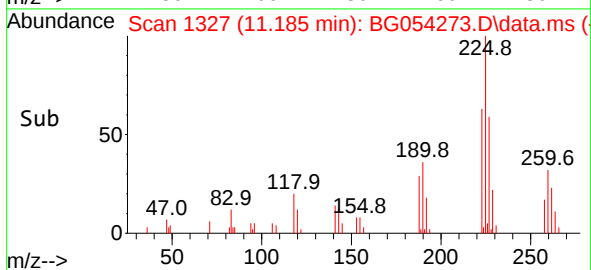
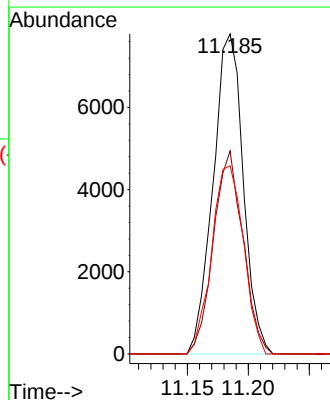
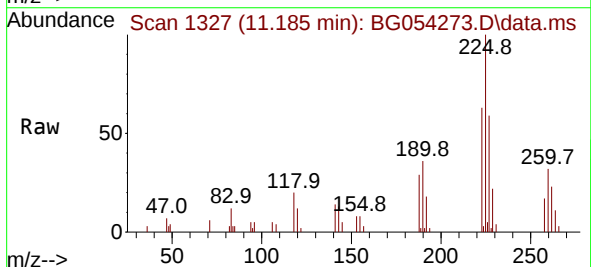


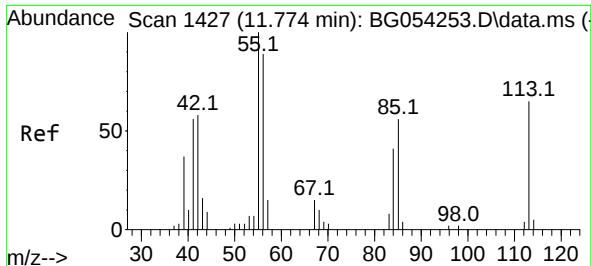
Tgt Ion:	127	Resp:	13154
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.3	39.5
65	32.0	31.1	46.7
92	18.5	19.1	28.7



#34
Hexachlorobutadiene
Concen: 10.434 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:	225	Resp:	13402
Ion	Ratio	Lower	Upper
225	100		
223	66.9	48.9	73.3
227	58.8	52.8	79.2

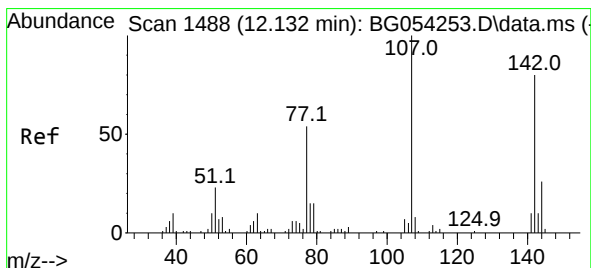
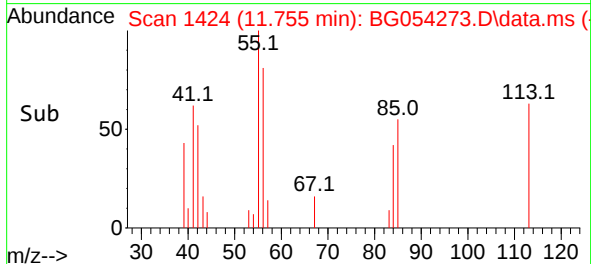
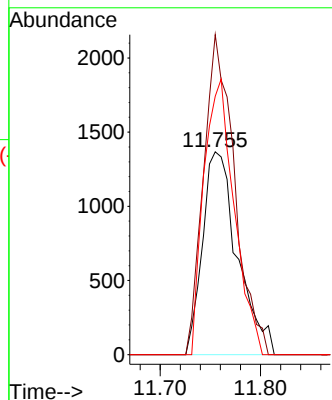
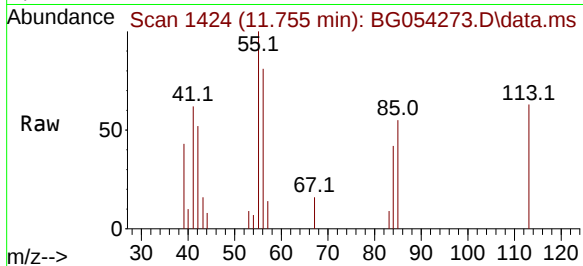




#35
Caprolactam
Concen: 9.247 ng
RT: 11.755 min Scan# 1424
Delta R.T. -0.019 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

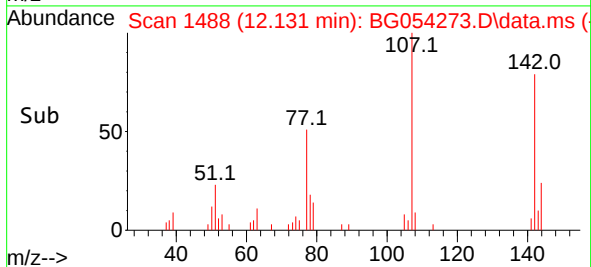
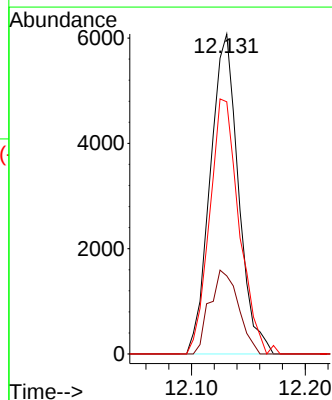
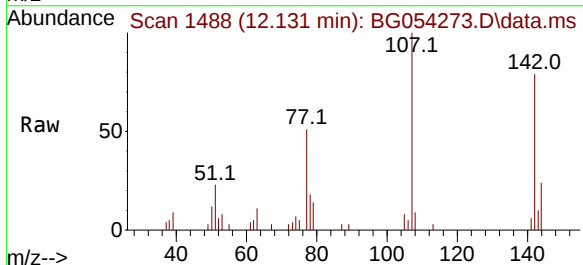
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

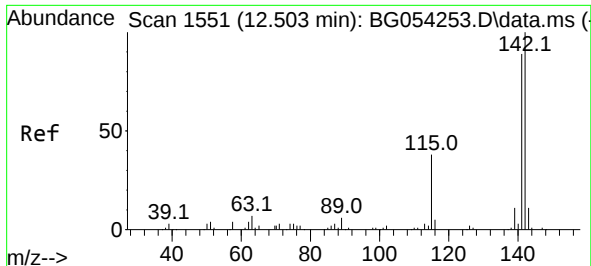
Tgt Ion:113 Resp: 3304
Ion Ratio Lower Upper
113 100
55 157.8 169.8 209.8#
56 127.4 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 8.667 ng
RT: 12.131 min Scan# 1488
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:107 Resp: 10462
Ion Ratio Lower Upper
107 100
144 24.4 18.5 27.7
142 78.8 55.0 82.4

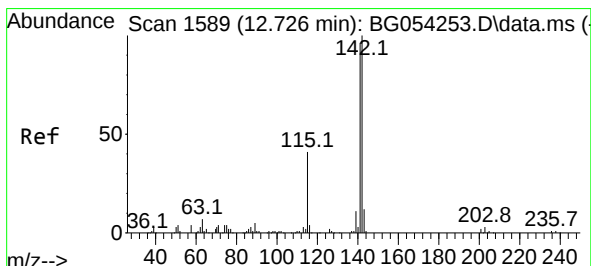
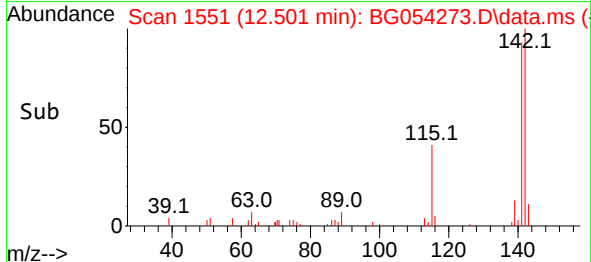
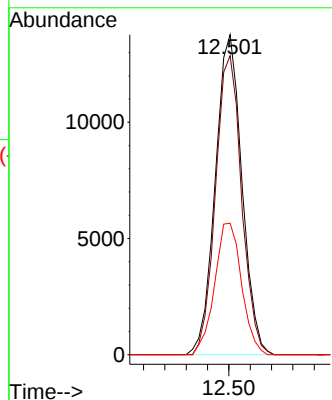
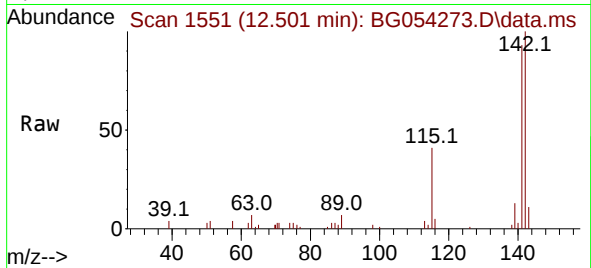




#37
2-Methylnaphthalene
Concen: 8.913 ng
RT: 12.501 min Scan# 1551
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

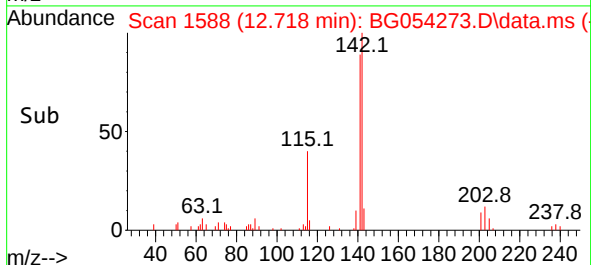
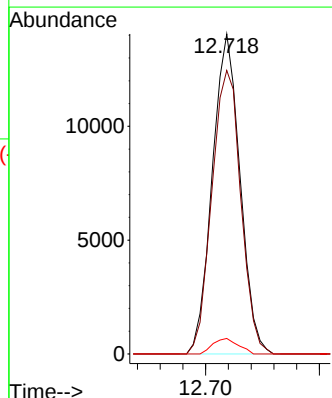
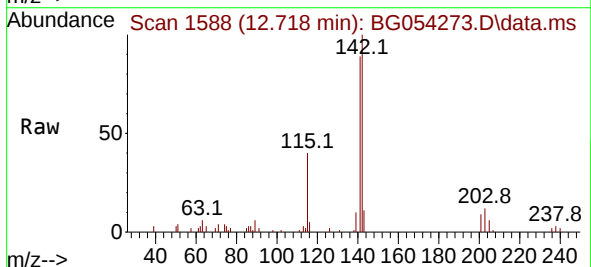
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

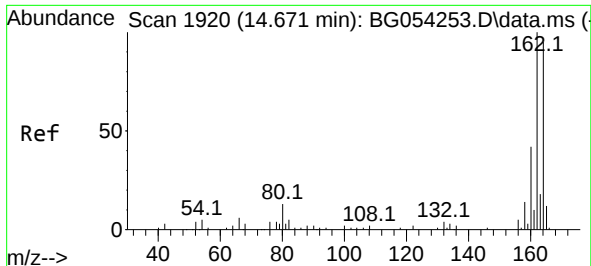
Tgt Ion:142 Resp: 23816
Ion Ratio Lower Upper
142 100
141 93.4 72.3 108.5
115 41.1 33.7 50.5



#38
1-Methylnaphthalene
Concen: 9.180 ng
RT: 12.718 min Scan# 1588
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

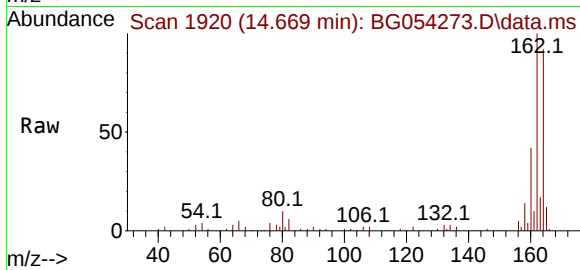
Tgt Ion:142 Resp: 23817
Ion Ratio Lower Upper
142 100
141 88.6 76.4 114.6
116 4.9 3.3 4.9



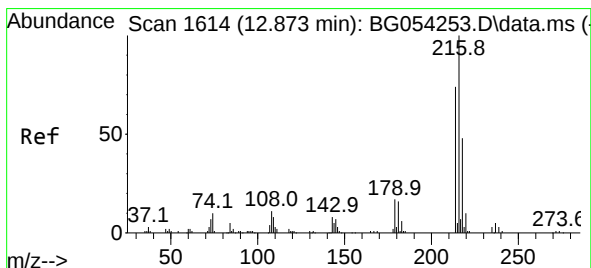
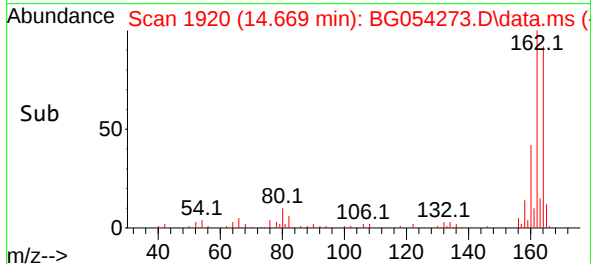
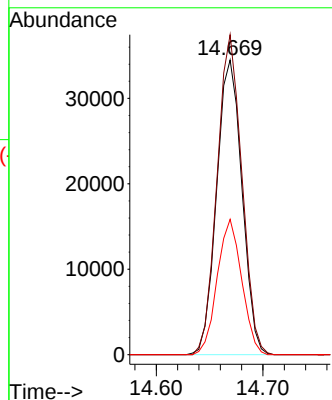


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

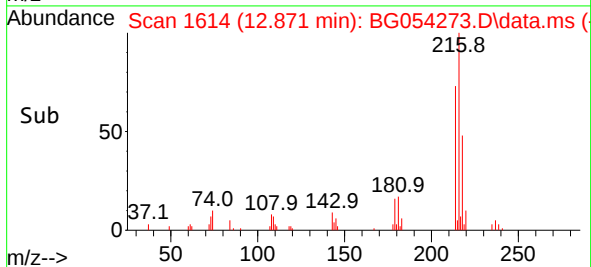
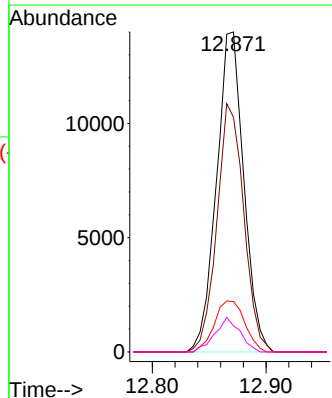
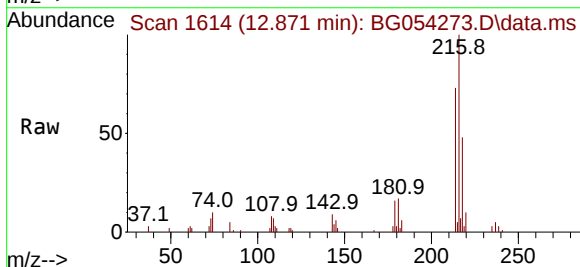


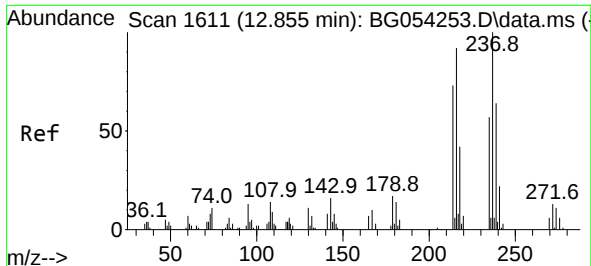
Tgt Ion:164 Resp: 56825
Ion Ratio Lower Upper
164 100
162 108.6 82.3 123.5
160 45.9 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.115 ng
RT: 12.871 min Scan# 1614
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

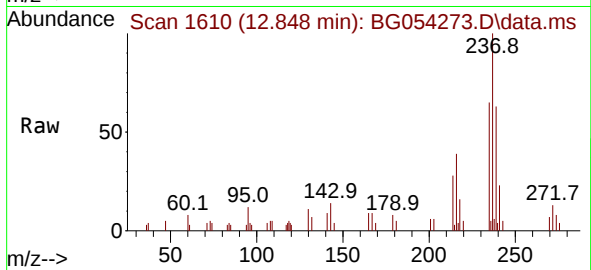
Tgt Ion:216 Resp: 23332
Ion Ratio Lower Upper
216 100
214 76.2 62.9 94.3
179 17.7 16.1 24.1
108 9.8 12.2 18.2#



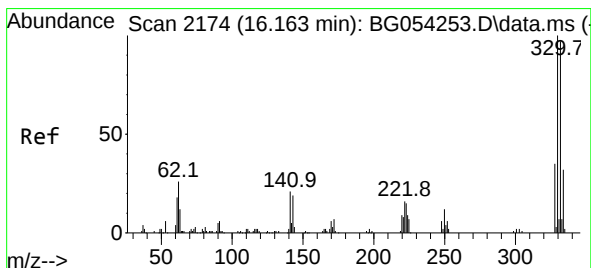
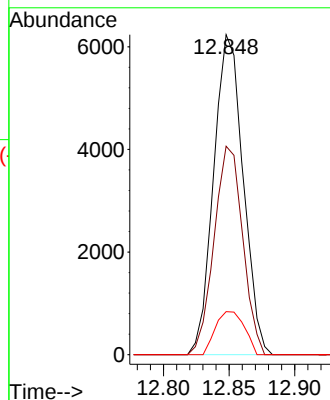
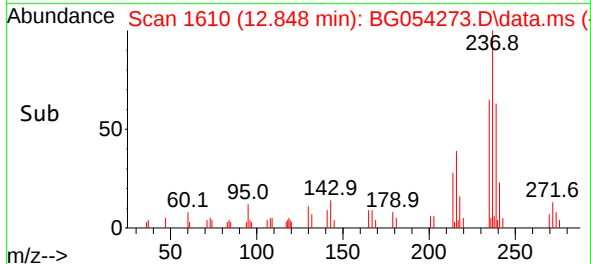


#41
Hexachlorocyclopentadiene
Concen: 16.876 ng
RT: 12.848 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

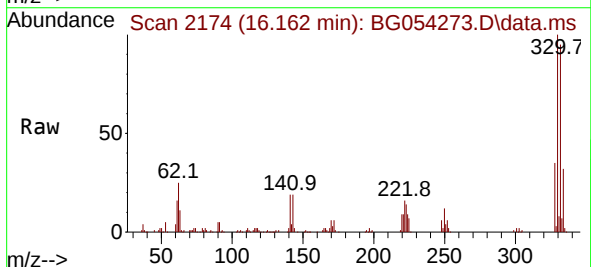
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022



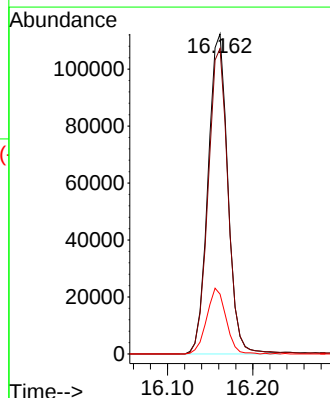
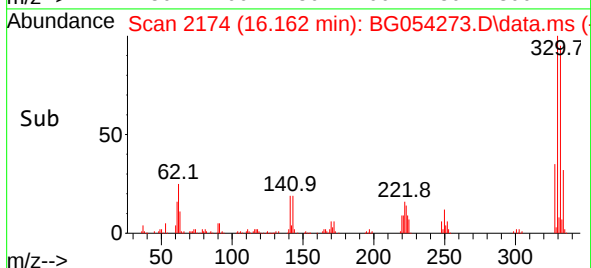
Tgt Ion:237 Resp: 9735
Ion Ratio Lower Upper
237 100
235 65.2 43.5 83.5
272 13.5 0.0 30.1

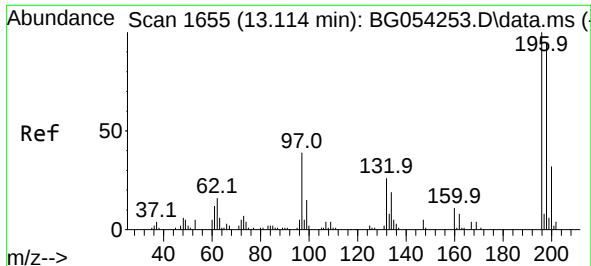


#42
2,4,6-Tribromophenol
Concen: 164.253 ng
RT: 16.162 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25



Tgt Ion:330 Resp: 180802
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 20.1 27.1 40.7#

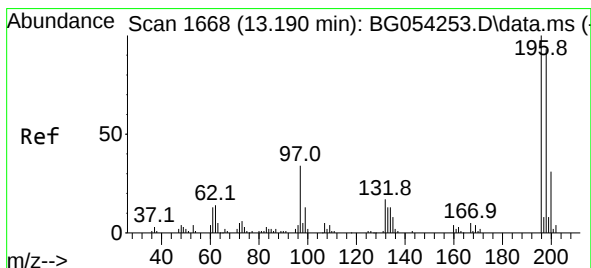
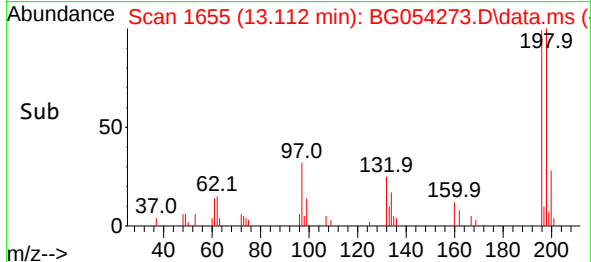
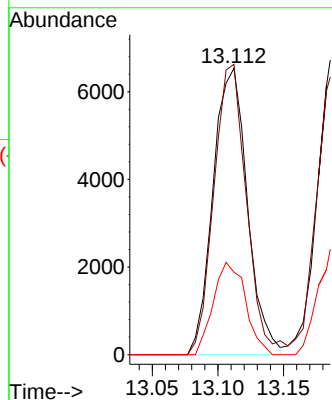
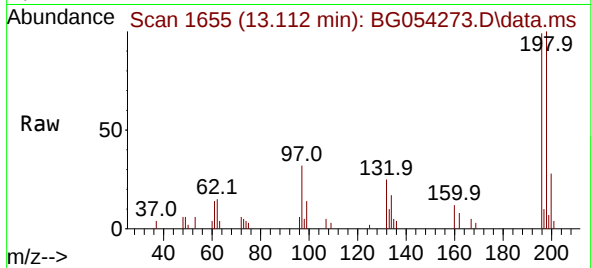




#43
2,4,6-Trichlorophenol
Concen: 8.979 ng
RT: 13.112 min Scan# 1655
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

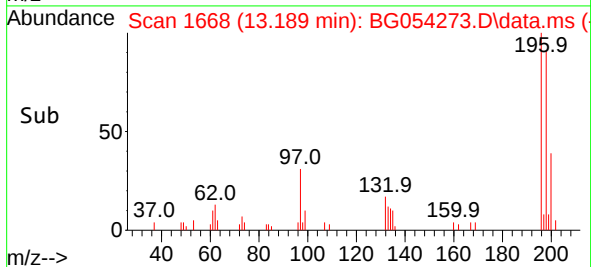
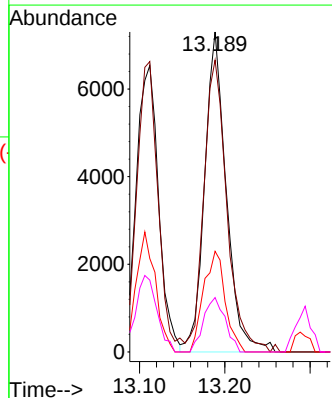
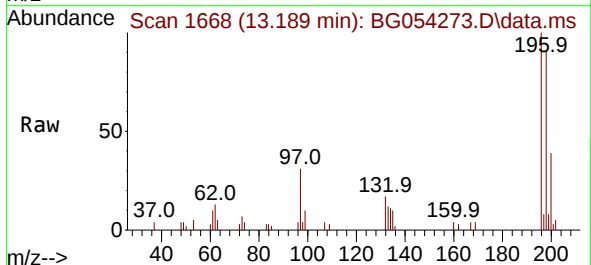
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

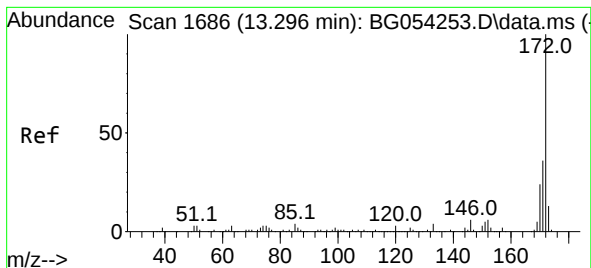
Tgt Ion:196 Resp: 11894
Ion Ratio Lower Upper
196 100
198 101.4 74.1 111.1
200 28.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 8.919 ng
RT: 13.189 min Scan# 1668
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:196 Resp: 12924
Ion Ratio Lower Upper
196 100
198 91.2 76.8 115.2
97 31.4 39.8 59.6#
132 17.0 18.4 27.6#





#45

2-Fluorobiphenyl

Concen: 84.878 ng

RT: 13.294 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

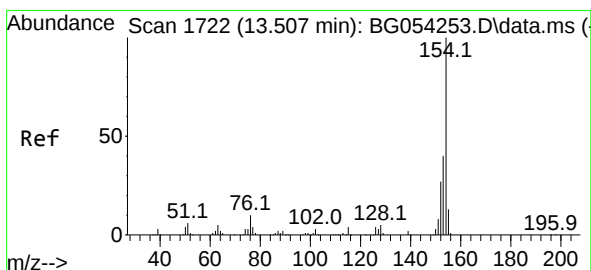
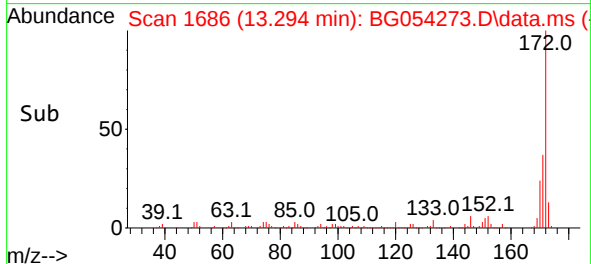
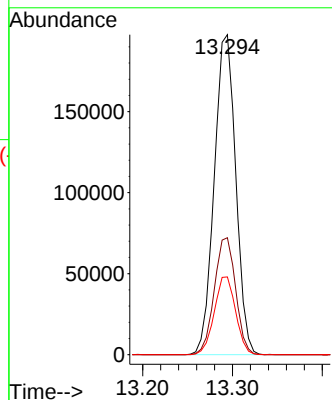
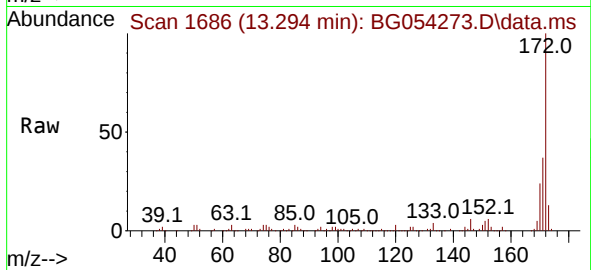
Tgt Ion:172 Resp: 328255

Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 9.667 ng

RT: 13.506 min Scan# 1722

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

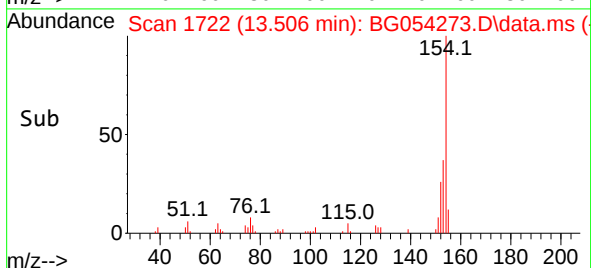
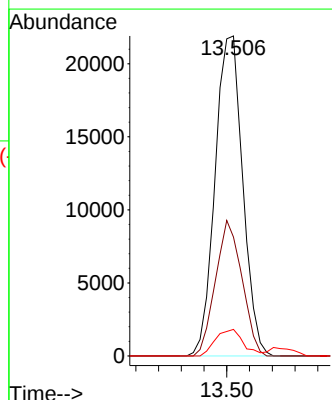
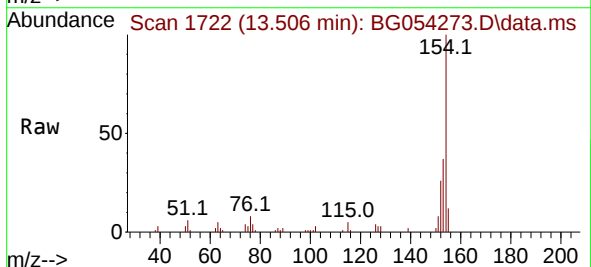
Tgt Ion:154 Resp: 36940

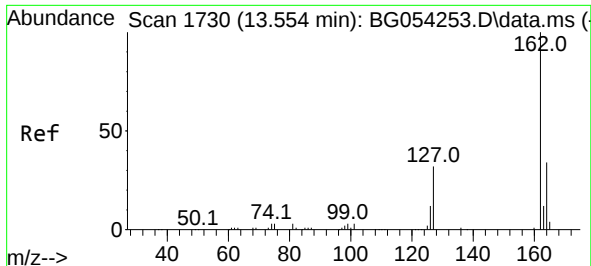
Ion Ratio Lower Upper

154 100

153 37.2 21.6 61.6

76 8.3 0.0 32.6





#47

2-Chloronaphthalene

Concen: 9.204 ng

RT: 13.547 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

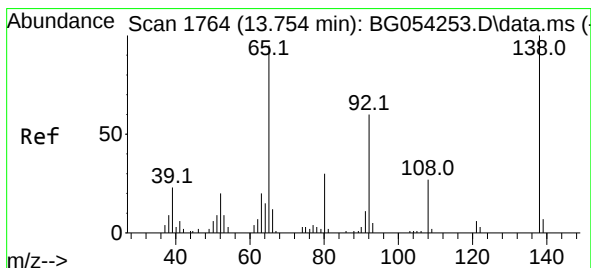
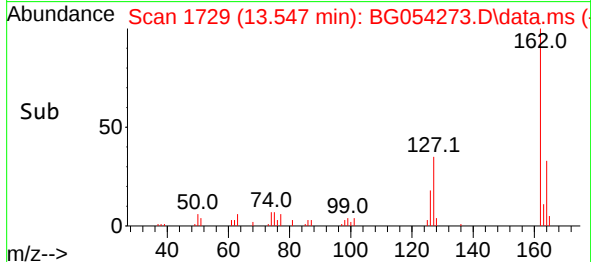
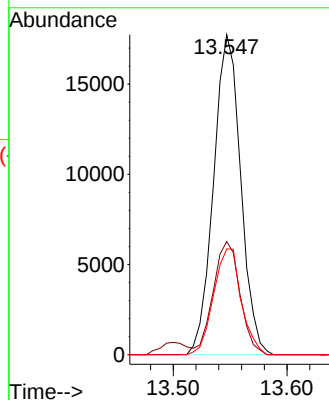
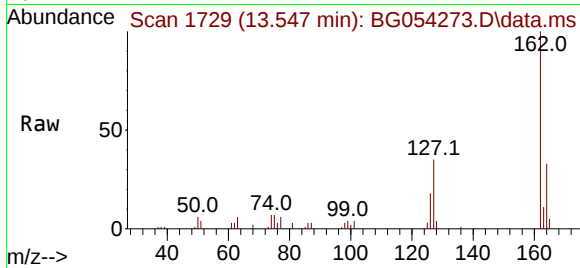
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:	162	Resp:	29401
Ion Ratio	Lower	Upper	
162	100		
127	35.4	30.6	45.8
164	33.0	26.5	39.7



#48

2-Nitroaniline

Concen: 8.397 ng

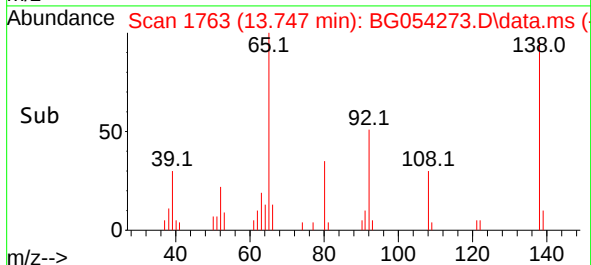
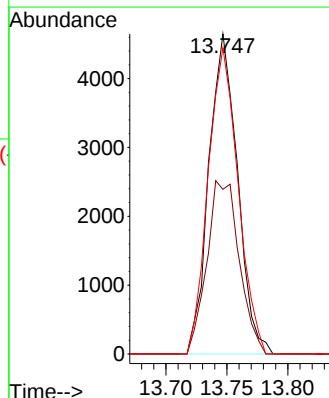
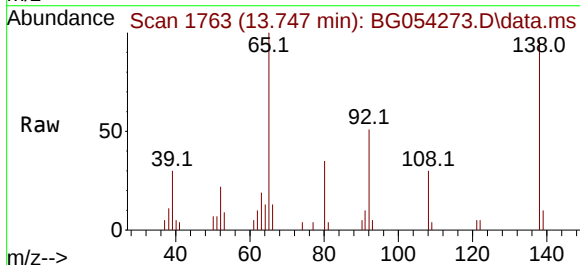
RT: 13.747 min Scan# 1763

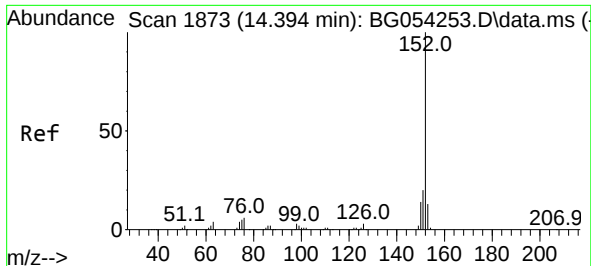
Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Tgt Ion:	65	Resp:	7592
Ion Ratio	Lower	Upper	
65	100		
92	51.4	51.5	77.3#
138	95.7	71.3	106.9

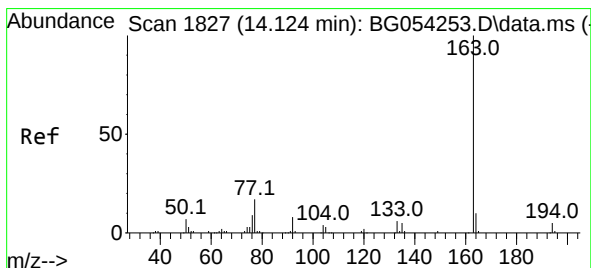
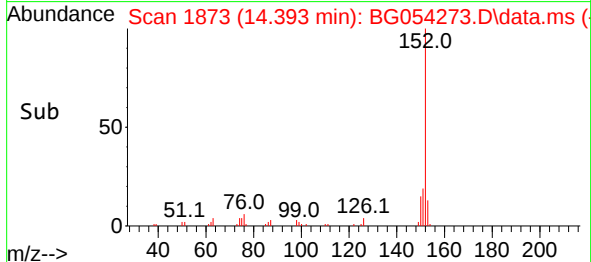
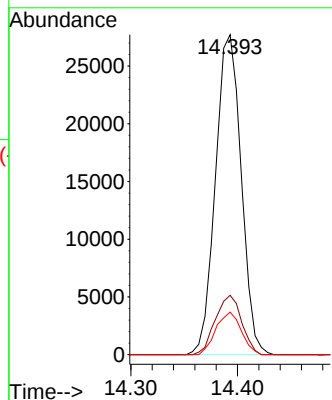
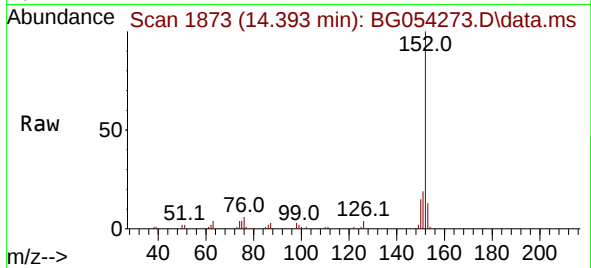




#49
Acenaphthylene
Concen: 9.567 ng
RT: 14.393 min Scan# 1873
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

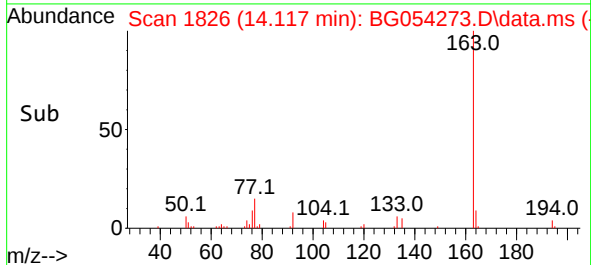
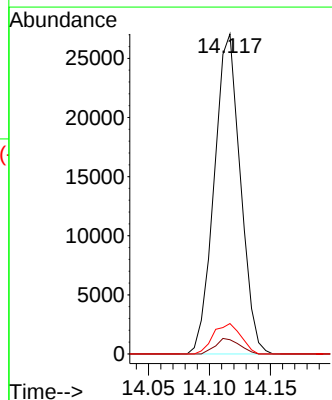
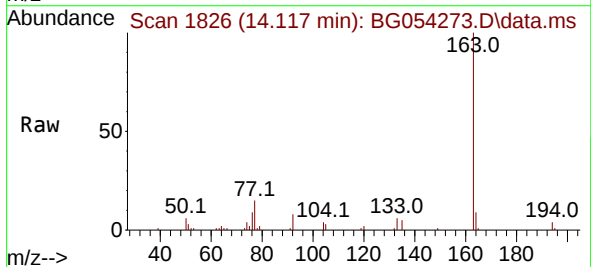
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

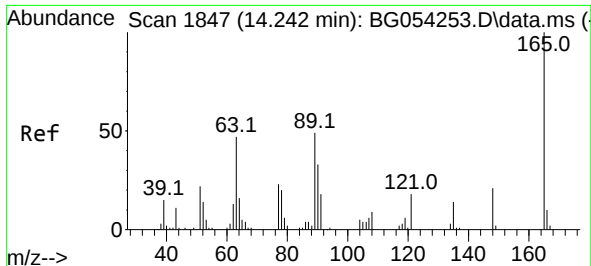
Tgt Ion:152 Resp: 46366
Ion Ratio Lower Upper
152 100
151 18.5 16.4 24.6
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 9.060 ng
RT: 14.117 min Scan# 1826
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:163 Resp: 40423
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.5 8.0 12.0

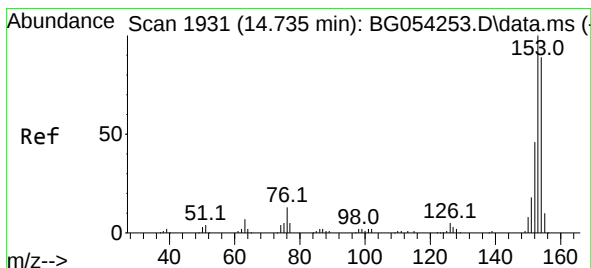
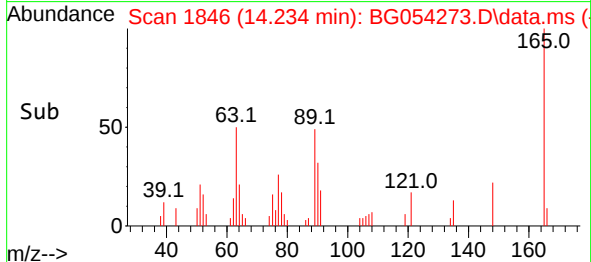
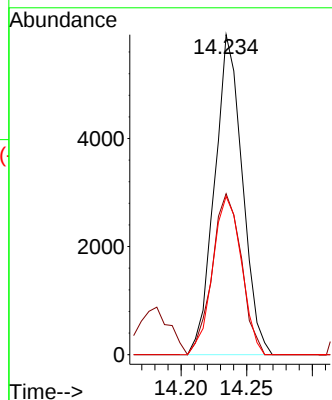
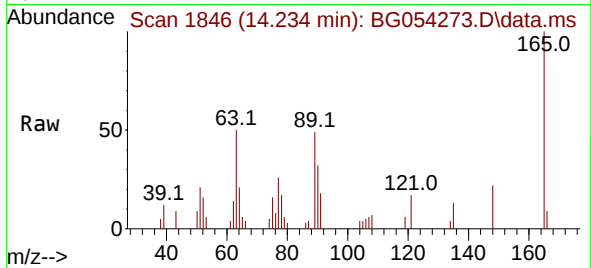




#51
2,6-Dinitrotoluene
Concen: 8.991 ng
RT: 14.234 min Scan# 1846
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

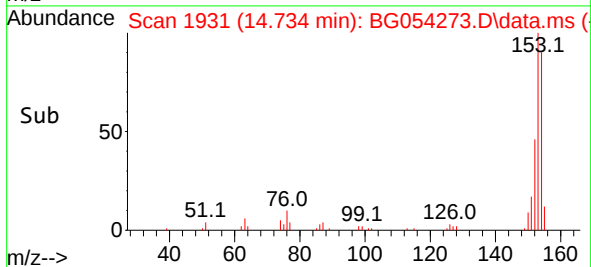
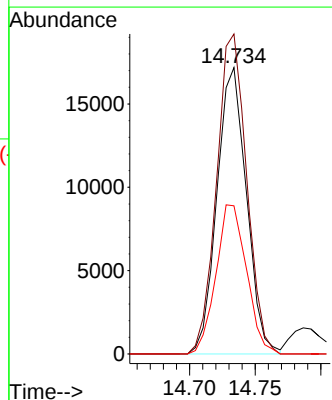
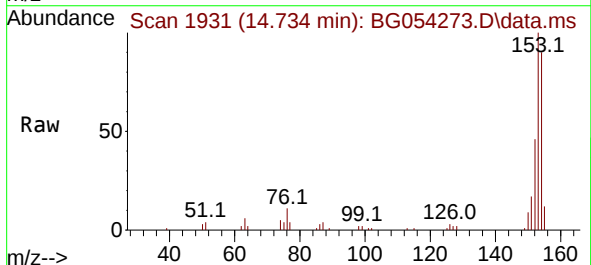
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

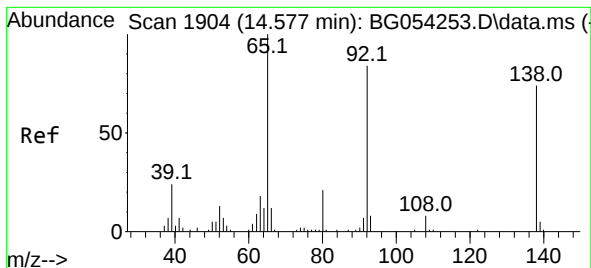
Tgt Ion:165 Resp: 8719
Ion Ratio Lower Upper
165 100
63 50.3 54.1 81.1#
89 49.5 54.8 82.2#



#52
Acenaphthene
Concen: 9.173 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:154 Resp: 26887
Ion Ratio Lower Upper
154 100
153 111.7 92.7 139.1
152 51.7 42.6 64.0





#53

3-Nitroaniline

Concen: 8.063 ng

RT: 14.569 min Scan# 1903

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

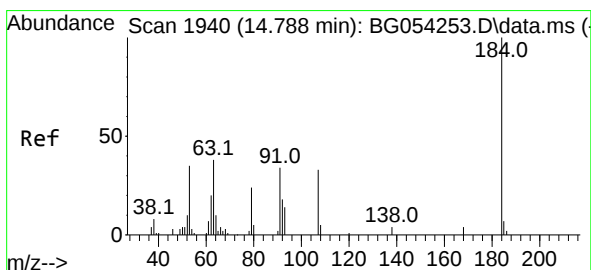
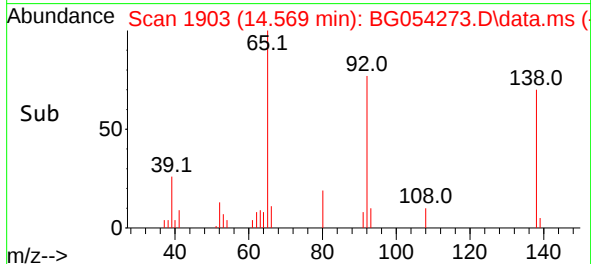
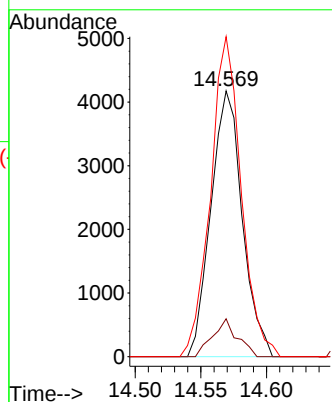
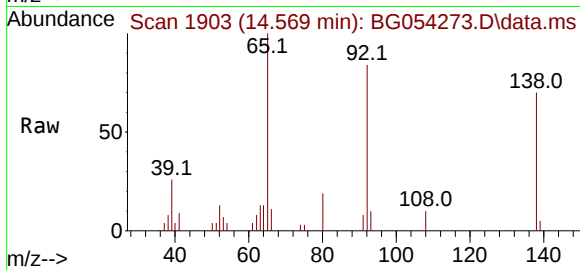
Tgt Ion:138 Resp: 6931

Ion Ratio Lower Upper

138 100

108 14.2 9.2 13.8#

92 120.4 101.9 152.9



#54

2,4-Dinitrophenol

Concen: 11.533 ng

RT: 14.787 min Scan# 1940

Delta R.T. -0.001 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

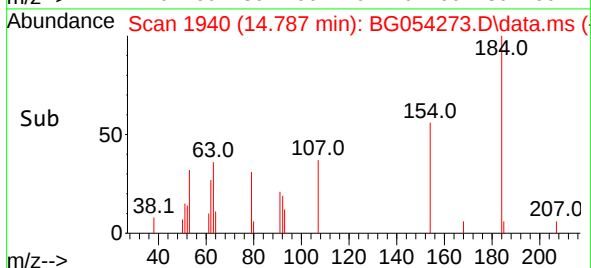
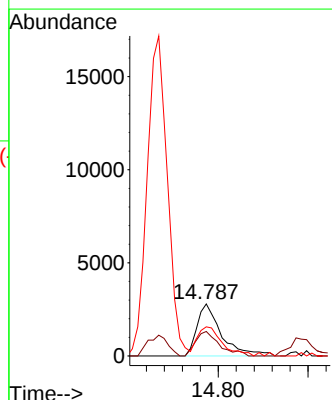
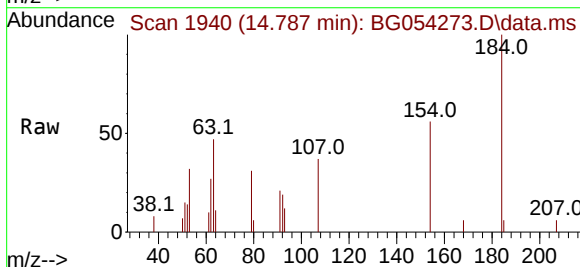
Tgt Ion:184 Resp: 5244

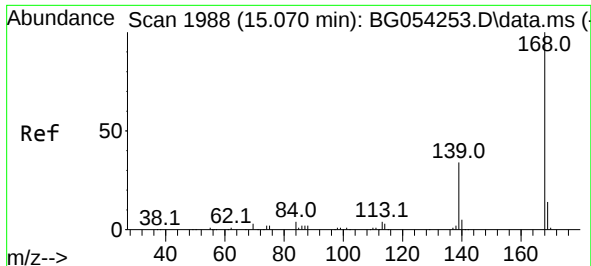
Ion Ratio Lower Upper

184 100

63 47.1 61.1 91.7#

154 56.2 60.6 91.0#

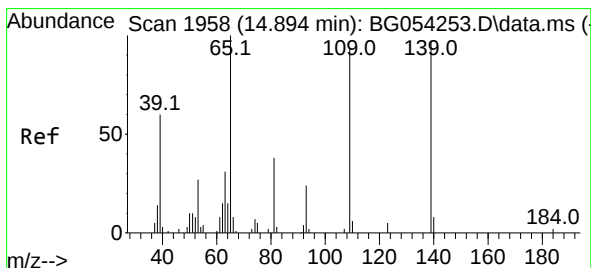
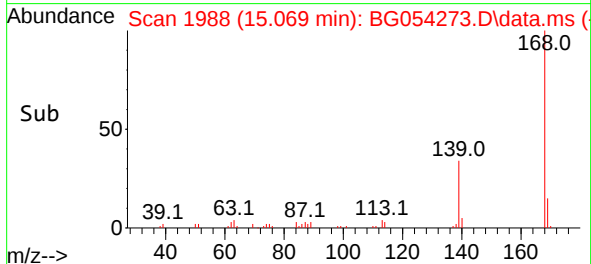
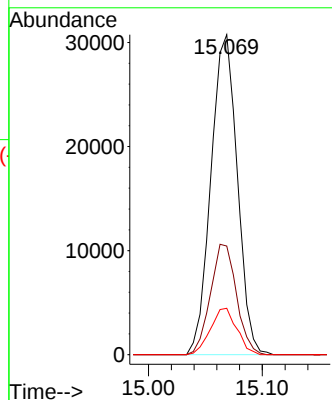
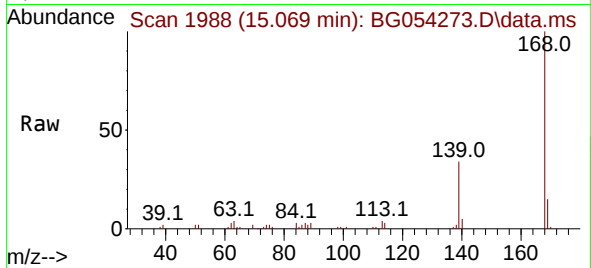




#55
Dibenzofuran
Concen: 9.618 ng
RT: 15.069 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

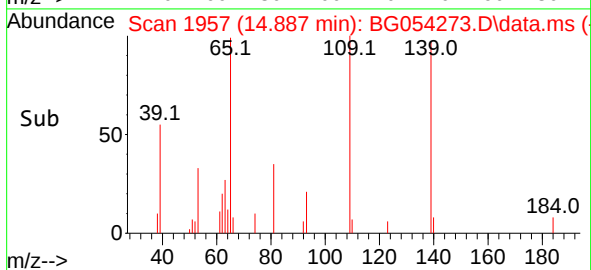
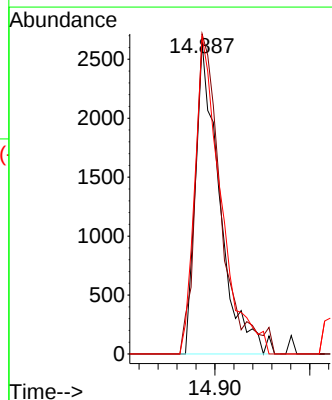
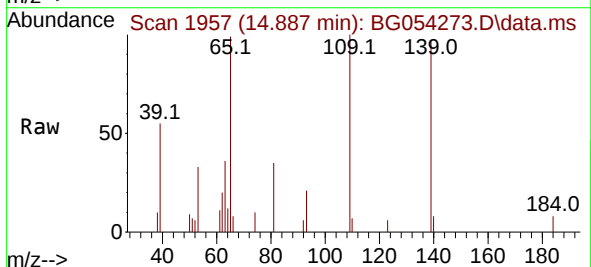
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

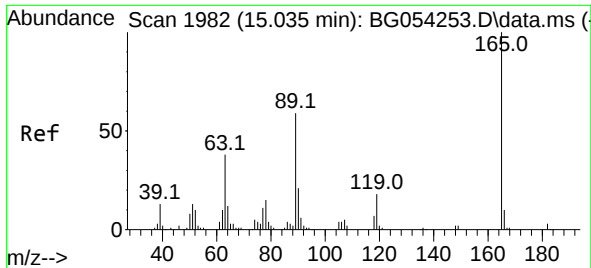
Tgt Ion:168 Resp: 49519
Ion Ratio Lower Upper
168 100
139 34.0 30.5 45.7
169 14.5 10.3 15.5



#56
4-Nitrophenol
Concen: 8.462 ng
RT: 14.887 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:139 Resp: 4673
Ion Ratio Lower Upper
139 100
109 102.7 88.5 128.5
65 102.0 93.9 133.9

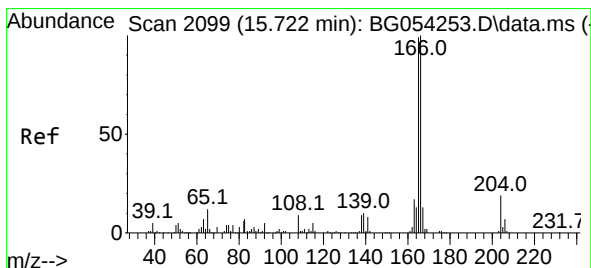
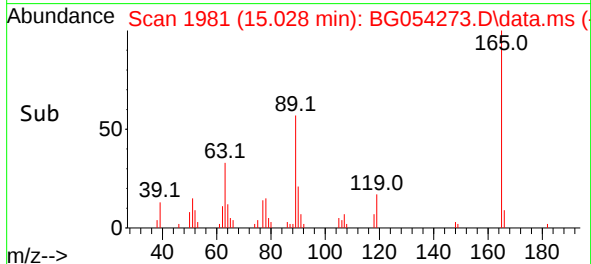
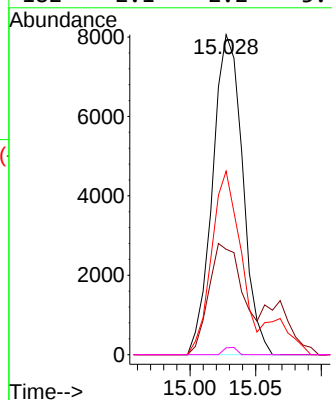
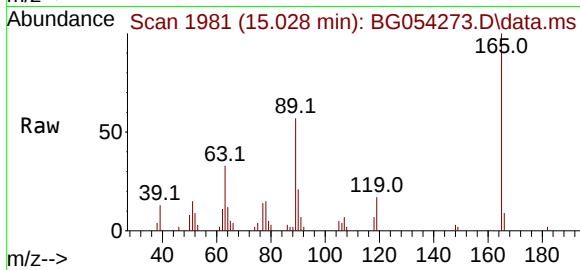




#57
2,4-Dinitrotoluene
Concen: 9.146 ng
RT: 15.028 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

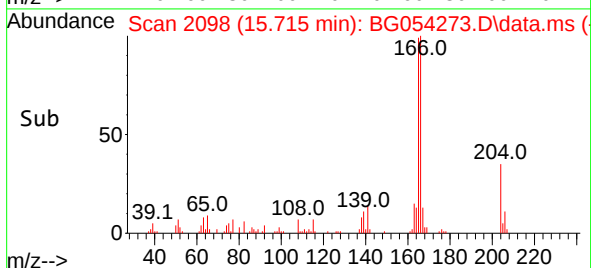
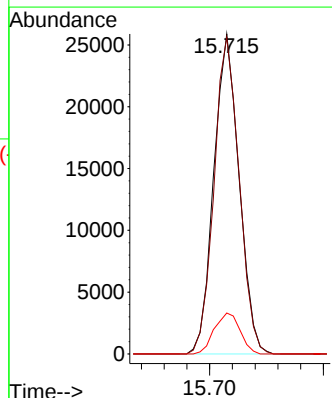
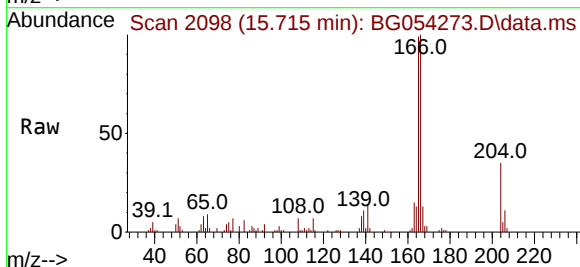
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

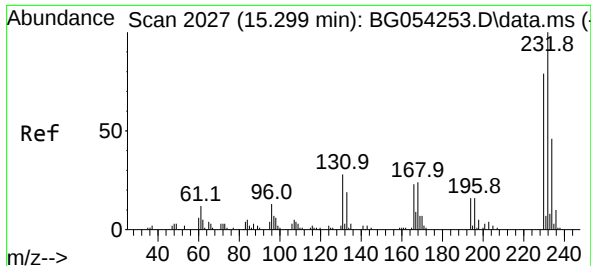
Tgt Ion:165 Resp: 12843
Ion Ratio Lower Upper
165 100
63 33.0 34.6 52.0#
89 57.4 60.3 90.5#
182 2.1 2.2 3.4#



#58
Fluorene
Concen: 9.330 ng
RT: 15.715 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:166 Resp: 39906
Ion Ratio Lower Upper
166 100
165 99.0 75.0 112.6
167 12.8 10.8 16.2

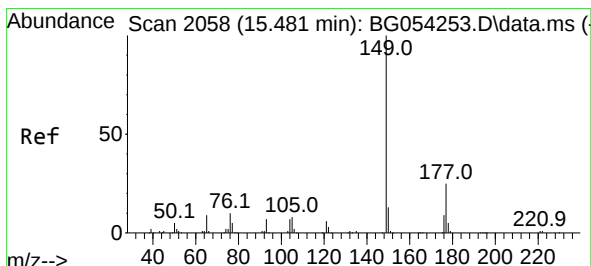
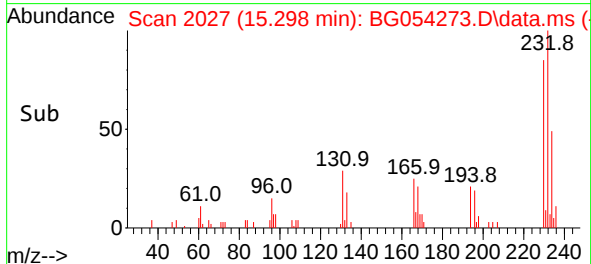
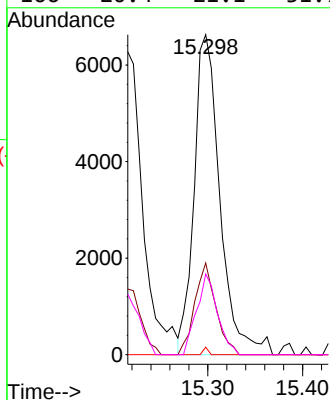
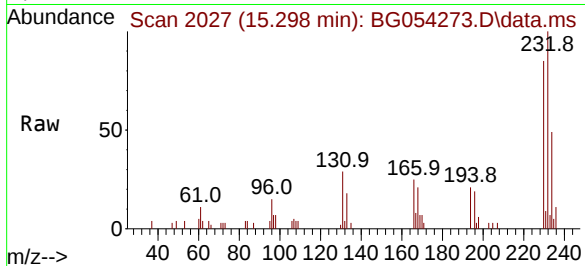




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.635 ng
RT: 15.298 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

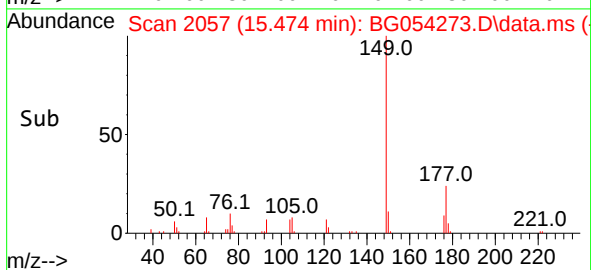
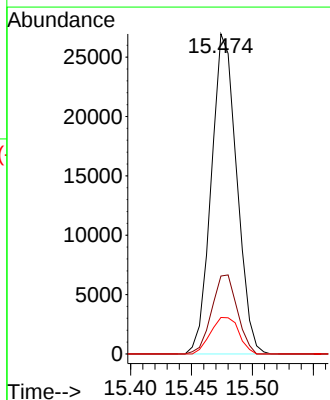
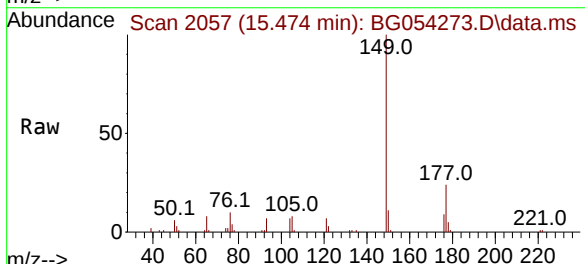
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

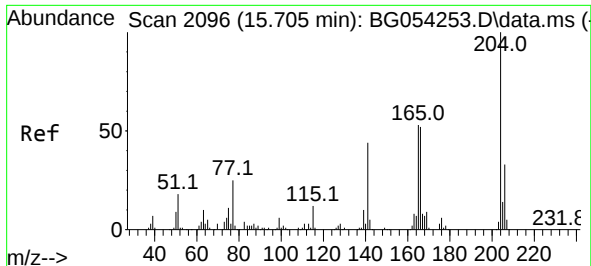
Tgt Ion:232 Resp: 12532
Ion Ratio Lower Upper
232 100
131 23.5 30.6 46.0#
130 0.4 1.8 2.8#
166 20.4 21.1 31.7#



#60
Diethylphthalate
Concen: 8.998 ng
RT: 15.474 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:149 Resp: 39157
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 11.4 11.2 16.8

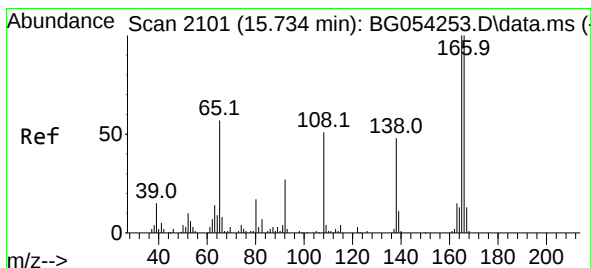
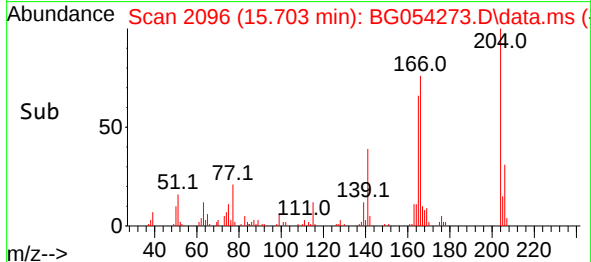
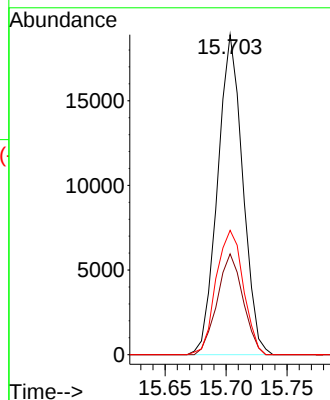
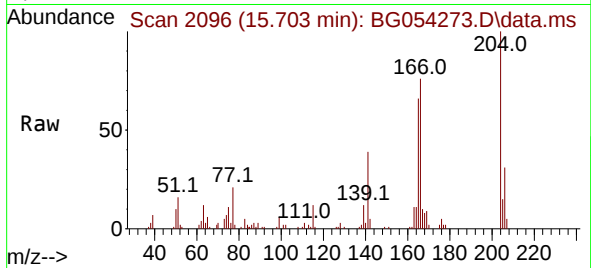




#61
4-Chlorophenyl-phenylether
Concen: 9.979 ng
RT: 15.703 min Scan# 2096
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

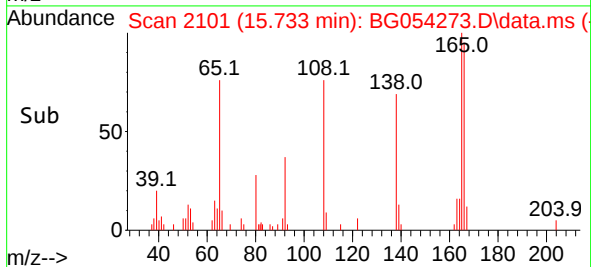
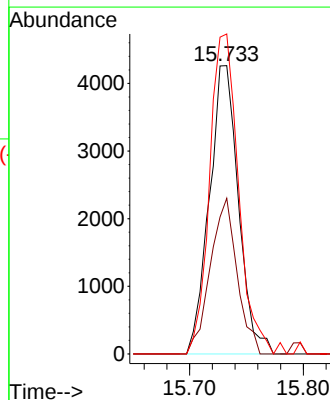
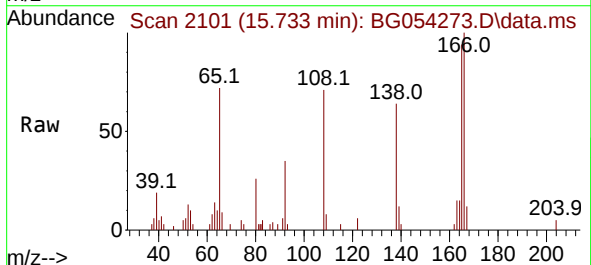
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

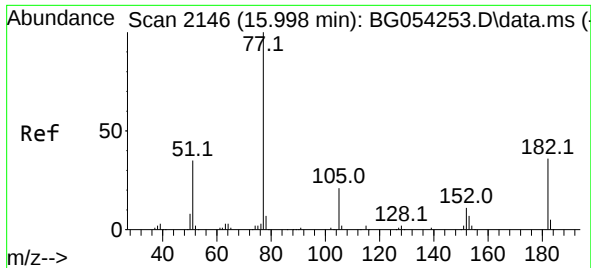
Tgt Ion:204 Resp: 27110
Ion Ratio Lower Upper
204 100
206 31.5 27.5 41.3
141 38.9 45.3 67.9#



#62
4-Nitroaniline
Concen: 8.465 ng
RT: 15.733 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:138 Resp: 7600
Ion Ratio Lower Upper
138 100
92 54.0 40.5 80.5
108 111.0 103.7 143.7

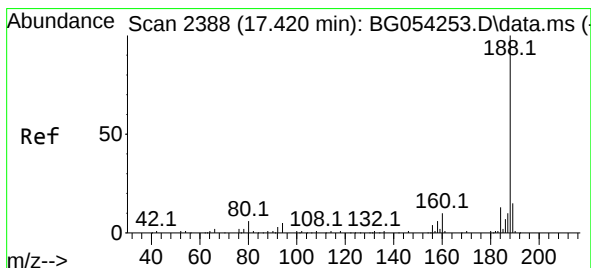
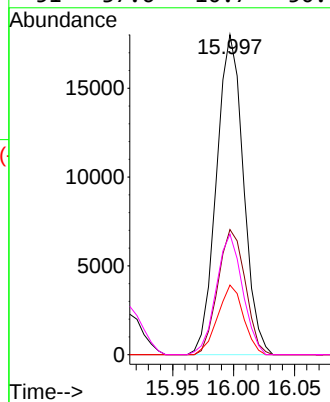
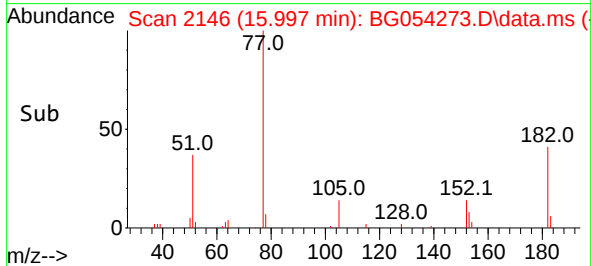
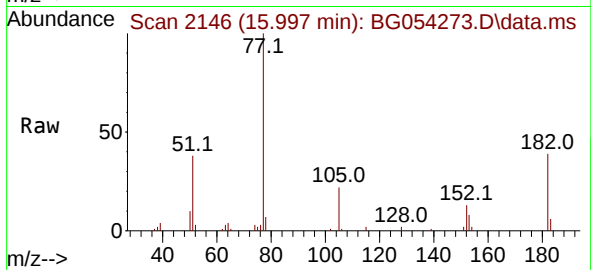




#63
Azobenzene
Concen: 8.446 ng
RT: 15.997 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

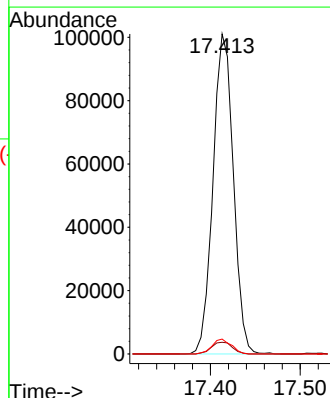
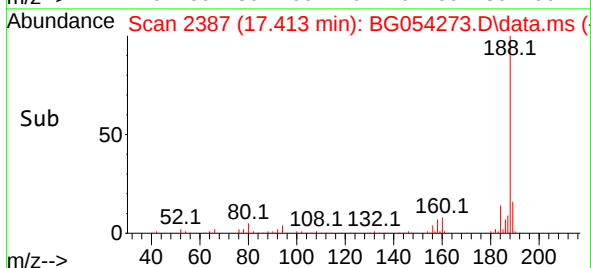
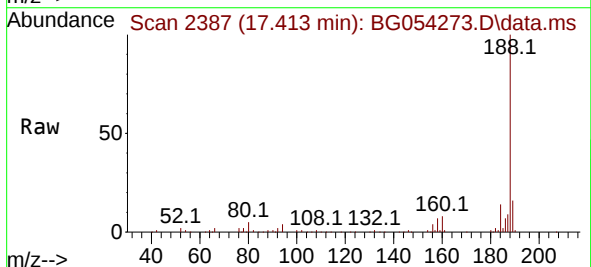
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

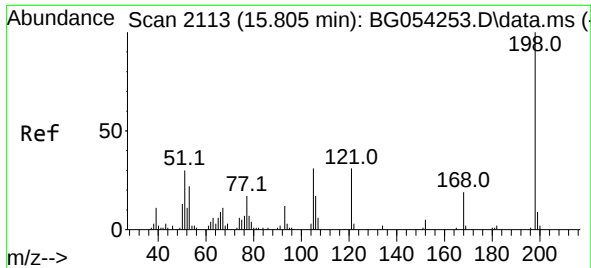
Tgt Ion: 77	Resp: 27700
Ion Ratio	Lower Upper
77 100	
182 39.1	3.8 43.8
105 21.7	0.0 37.8
51 37.6	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2387
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:188	Resp: 158915
Ion Ratio	Lower Upper
188 100	
94 3.7	5.4 8.0#
80 4.7	6.8 10.2#

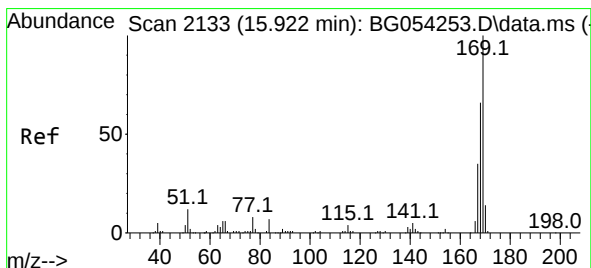
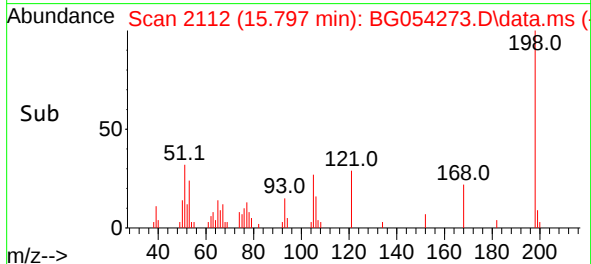
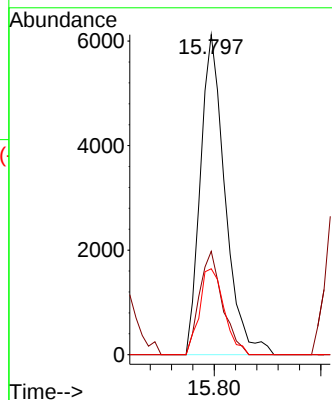
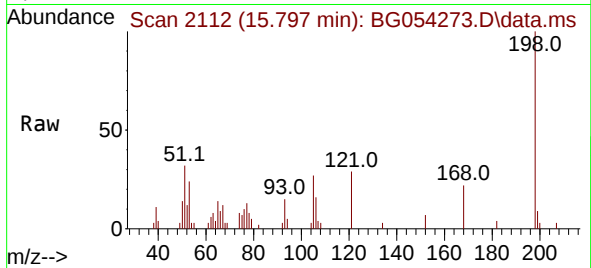




#65
4,6-Dinitro-2-methylphenol
Concen: 10.511 ng
RT: 15.797 min Scan# 2112
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

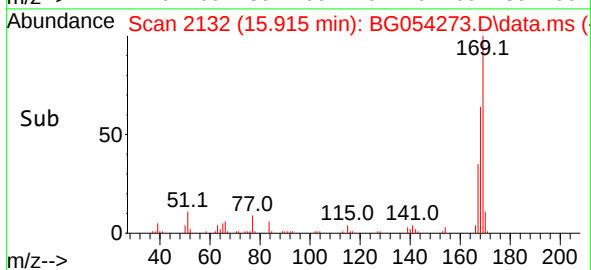
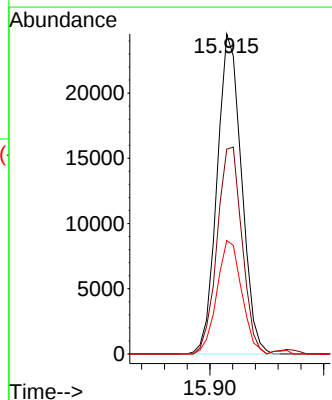
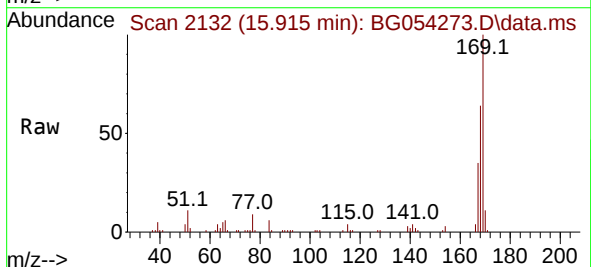
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

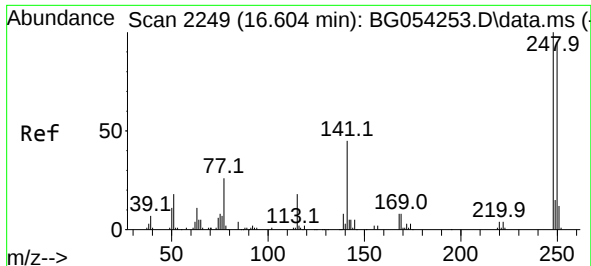
Tgt Ion:198 Resp: 9826
Ion Ratio Lower Upper
198 100
51 32.3 28.1 68.1
105 26.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 9.144 ng
RT: 15.915 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:169 Resp: 36653
Ion Ratio Lower Upper
169 100
168 64.0 55.9 83.9
167 35.4 30.6 46.0

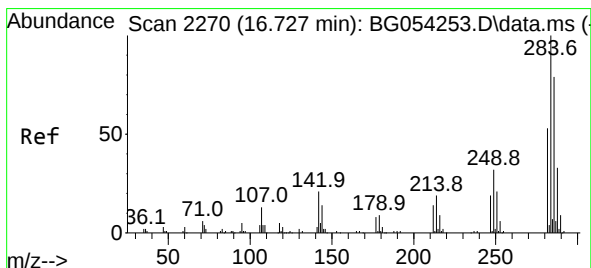
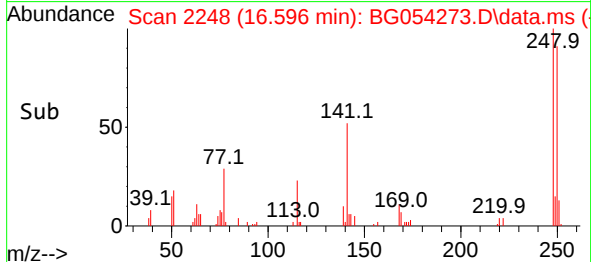
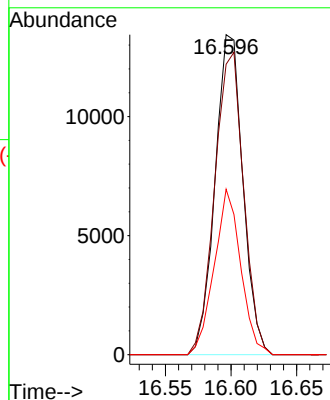
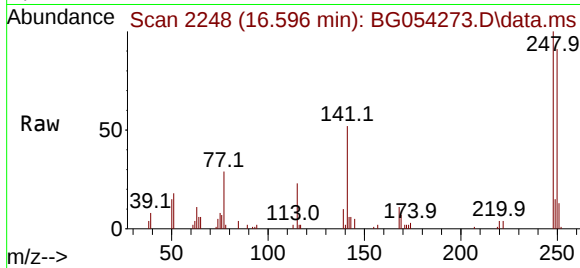




#67
4-Bromophenyl-phenylether
Concen: 9.347 ng
RT: 16.596 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

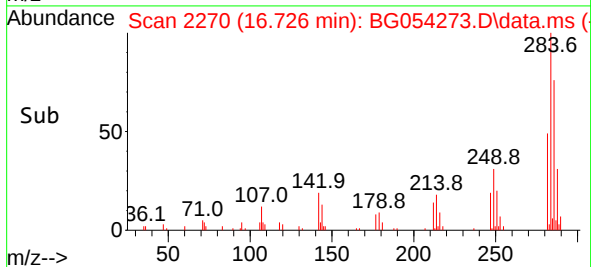
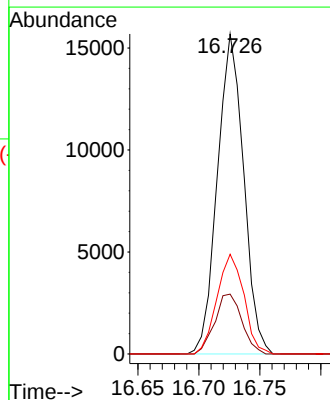
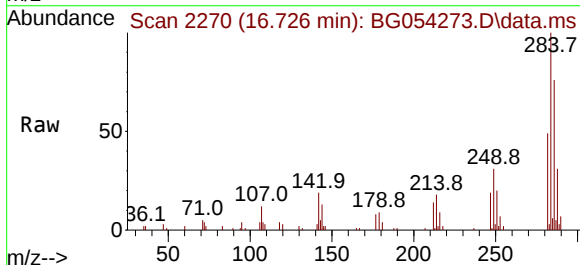
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

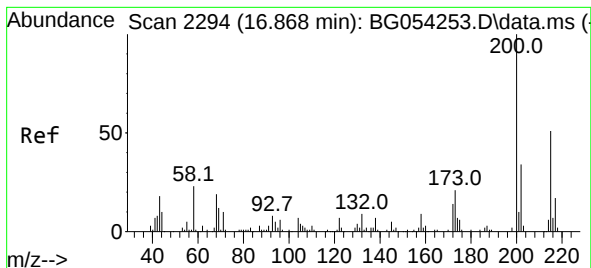
Tgt Ion:248 Resp: 19811
Ion Ratio Lower Upper
248 100
250 90.8 75.2 112.8
141 51.7 50.0 75.0



#68
Hexachlorobenzene
Concen: 9.702 ng
RT: 16.726 min Scan# 2270
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:284 Resp: 23471
Ion Ratio Lower Upper
284 100
142 18.7 23.6 35.4#
249 34.0 25.8 38.6





#69

Atrazine

Concen: 10.113 ng

RT: 16.861 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

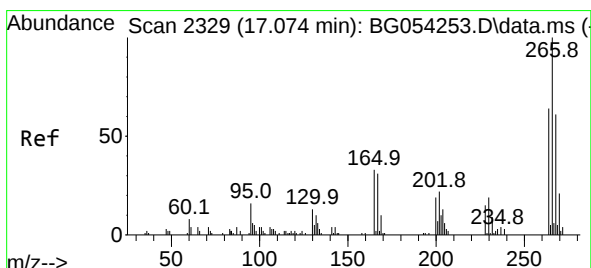
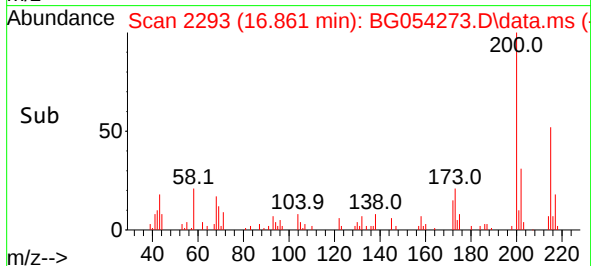
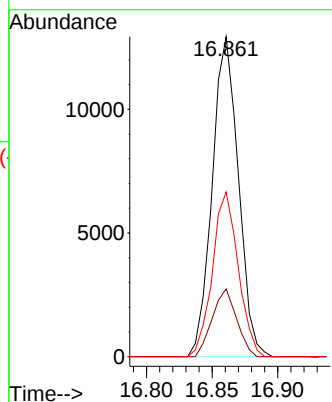
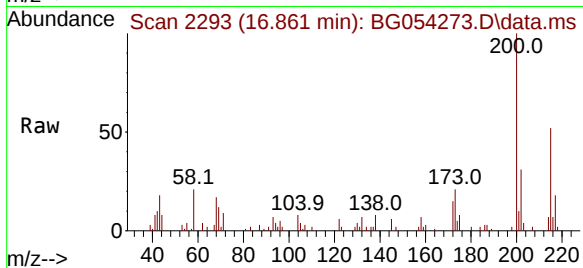
Tgt Ion:200 Resp: 17903

Ion Ratio Lower Upper

200 100

173 21.2 3.7 43.7

215 51.5 25.2 65.2



#70

Pentachlorophenol

Concen: 9.964 ng

RT: 17.072 min Scan# 2329

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

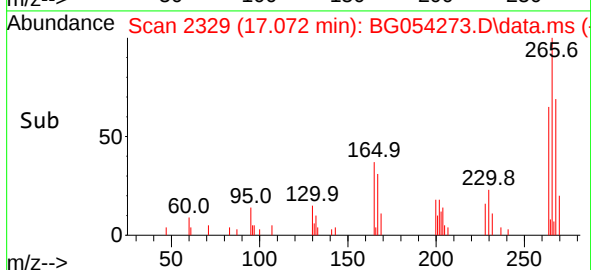
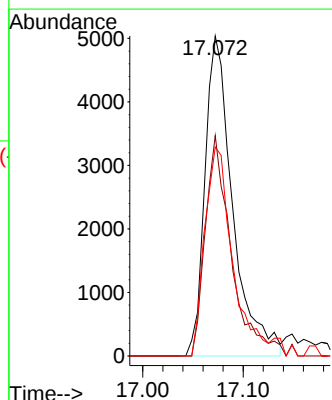
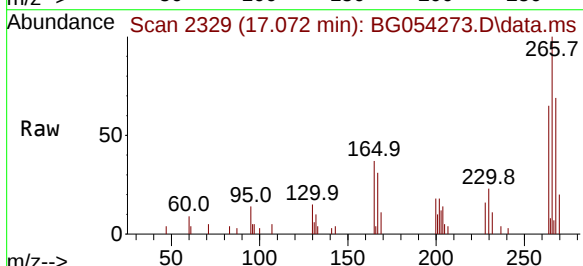
Tgt Ion:266 Resp: 9684

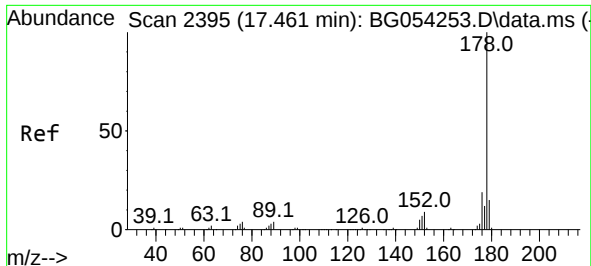
Ion Ratio Lower Upper

266 100

268 68.9 56.2 84.2

264 73.7 53.0 79.4

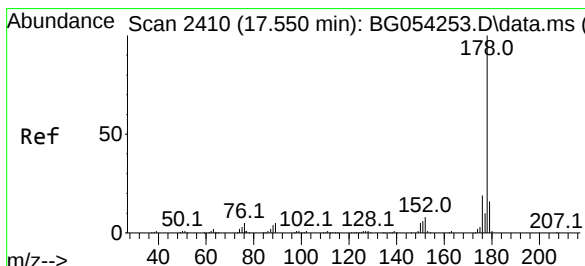
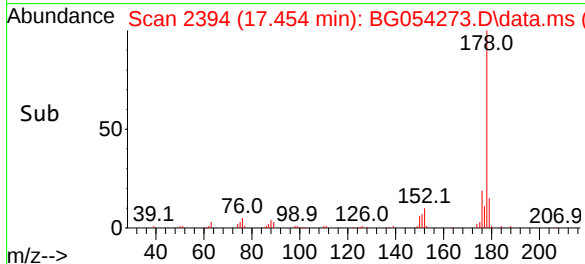
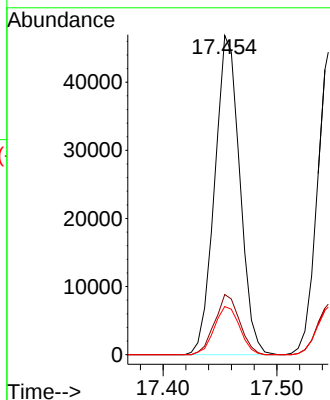
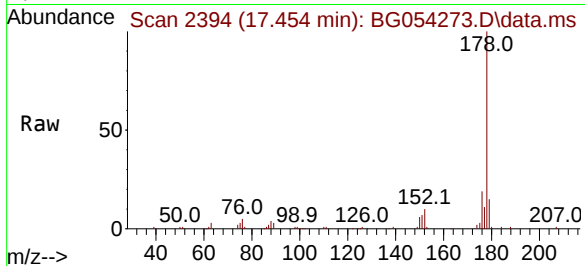




#71
Phenanthrene
Concen: 9.047 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

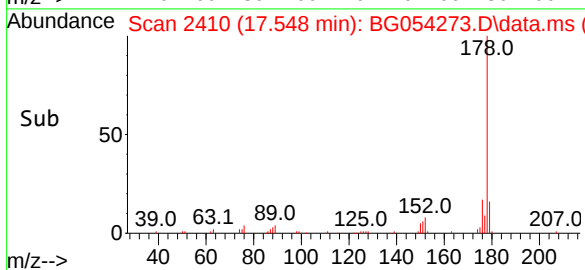
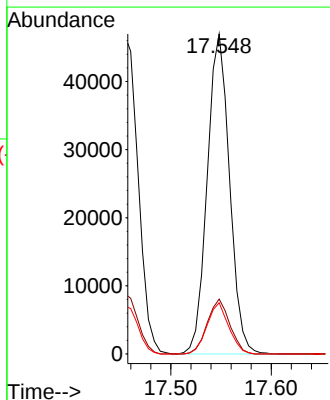
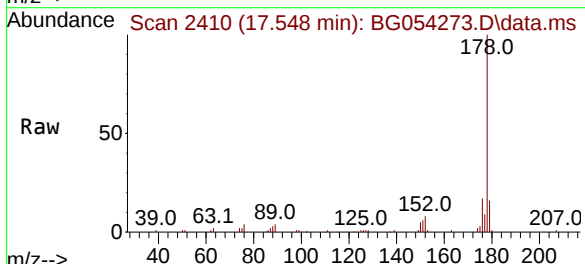
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

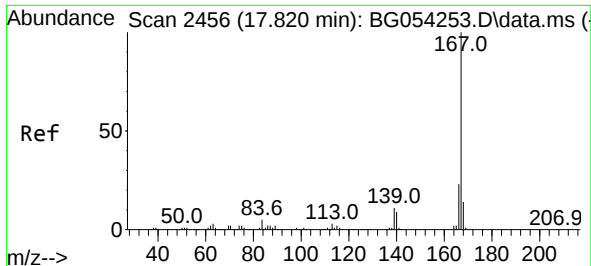
Tgt Ion:178 Resp: 71917
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.1 12.1 18.1



#72
Anthracene
Concen: 9.326 ng
RT: 17.548 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:178 Resp: 72601
Ion Ratio Lower Upper
178 100
176 17.1 15.2 22.8
179 16.0 13.0 19.4

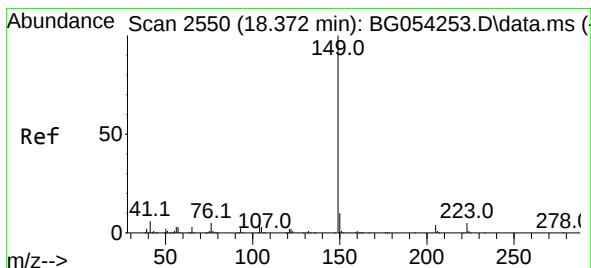
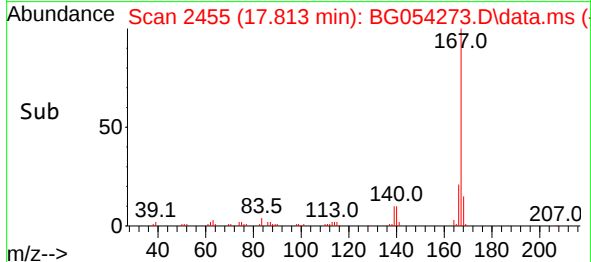
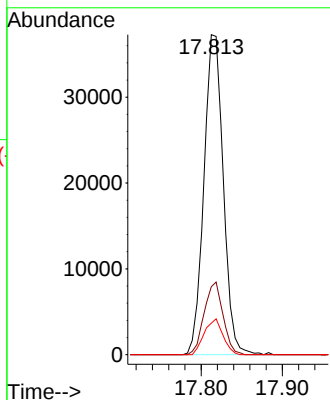
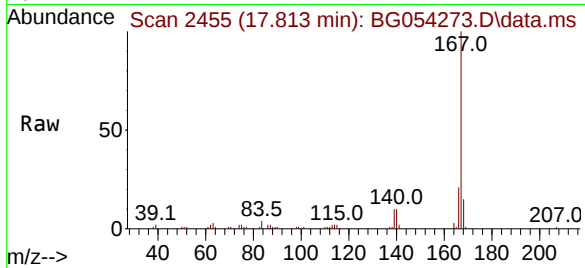




#73
 Carbazole
 Concen: 9.364 ng
 RT: 17.813 min Scan# 2456
 Delta R.T. -0.007 min
 Lab File: BG054273.D
 Acq: 13 Jul 2022 17:25

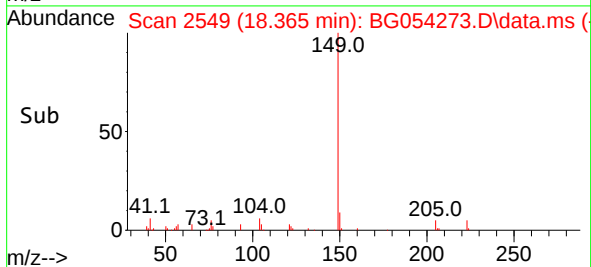
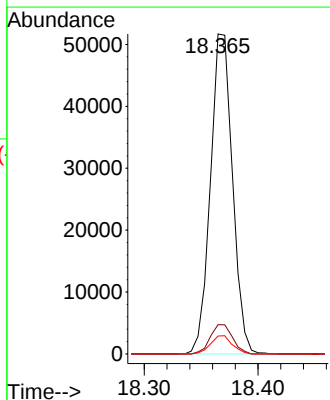
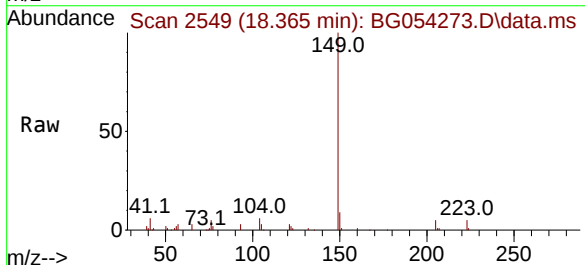
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT2-2022

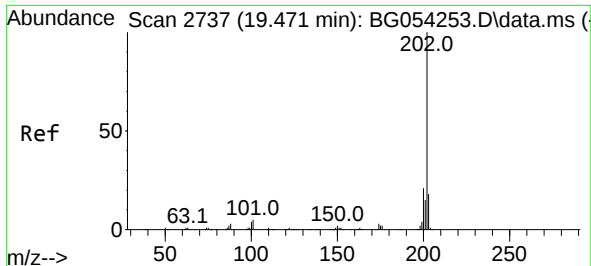
Tgt Ion:167 Resp: 61737
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.2
 139 9.8 10.1 15.1#



#74
 Di-n-butylphthalate
 Concen: 8.943 ng
 RT: 18.365 min Scan# 2549
 Delta R.T. -0.007 min
 Lab File: BG054273.D
 Acq: 13 Jul 2022 17:25

Tgt Ion:149 Resp: 69814
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.6 5.4 8.0

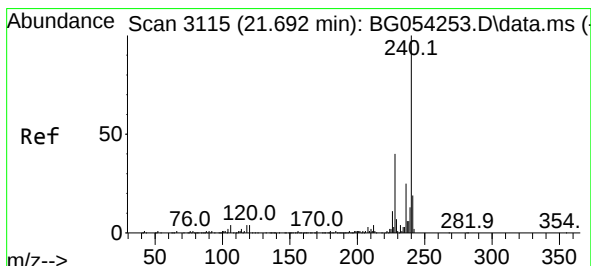
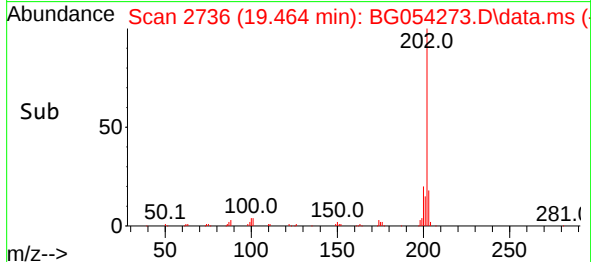
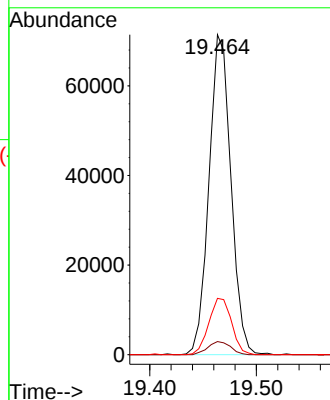
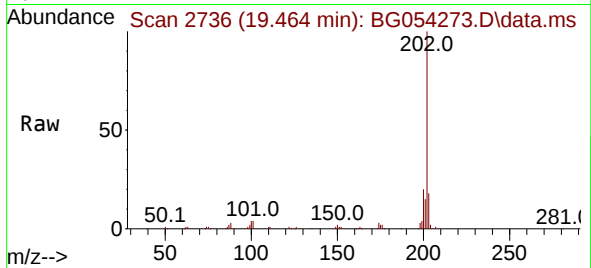




#75
Fluoranthene
Concen: 9.431 ng
RT: 19.464 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

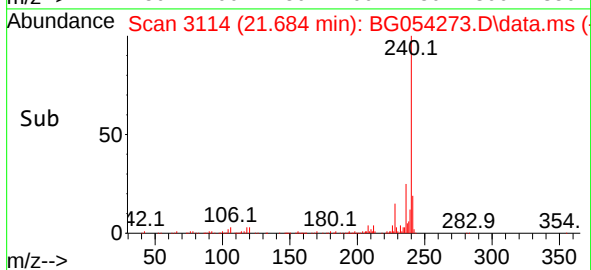
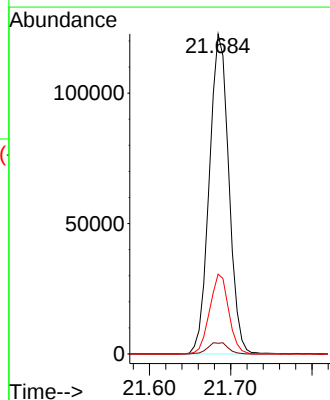
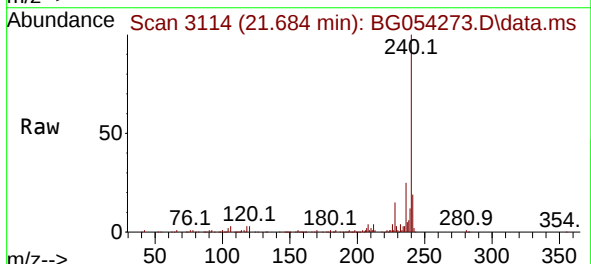
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

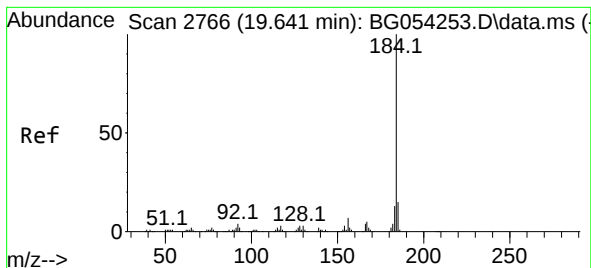
Tgt Ion:202 Resp: 101961
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:240 Resp: 204533
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 25.0 20.2 30.4





#77

Benzidine

Concen: 11.502 ng

RT: 19.640 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

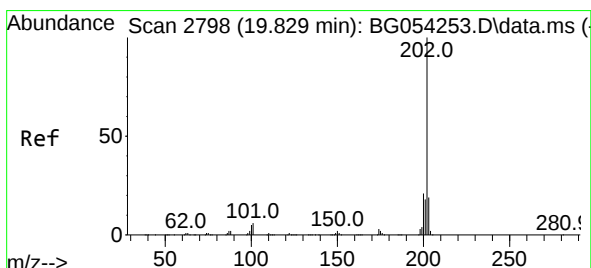
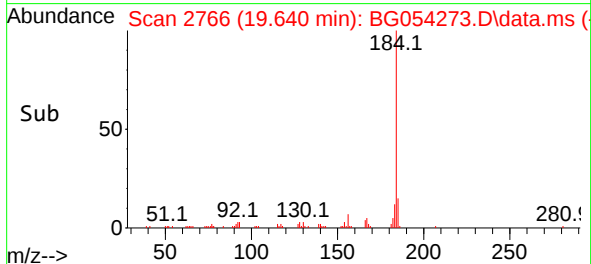
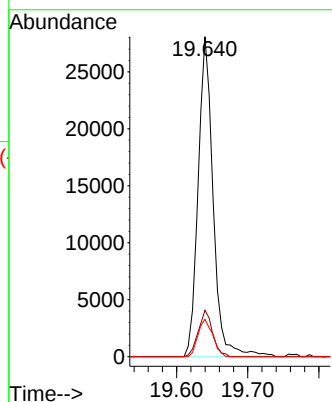
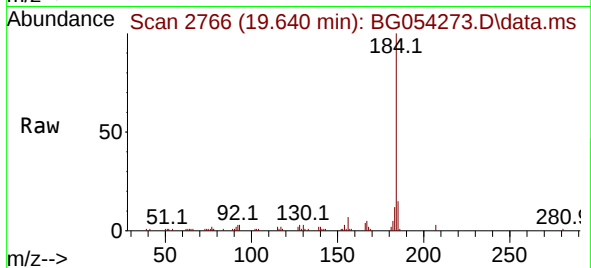
Tgt Ion:184 Resp: 41298

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 11.6 8.9 13.3



#78

Pyrene

Concen: 8.895 ng

RT: 19.828 min Scan# 2798

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

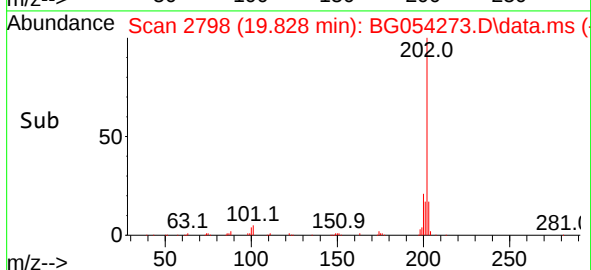
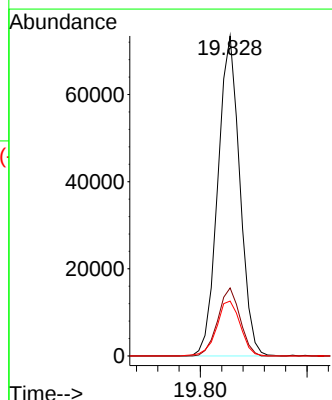
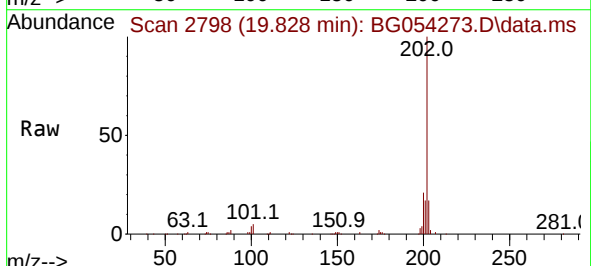
Tgt Ion:202 Resp: 104700

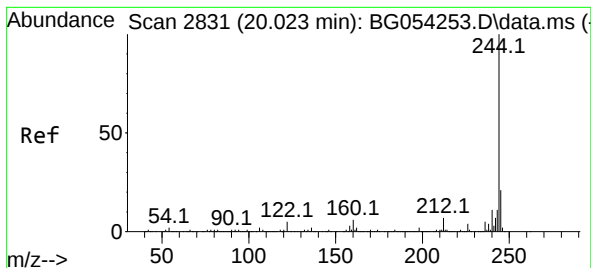
Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

203 17.1 14.6 21.8





#79

Terphenyl-d14

Concen: 84.205 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

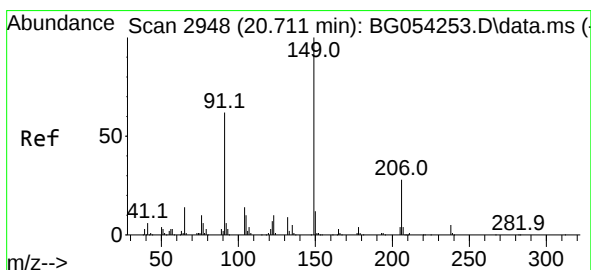
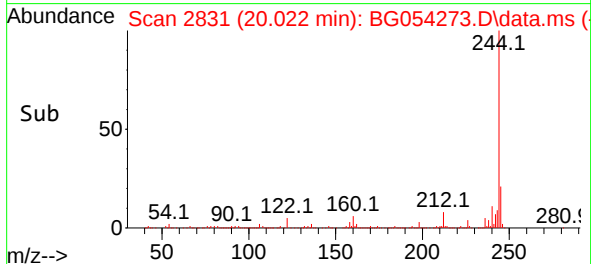
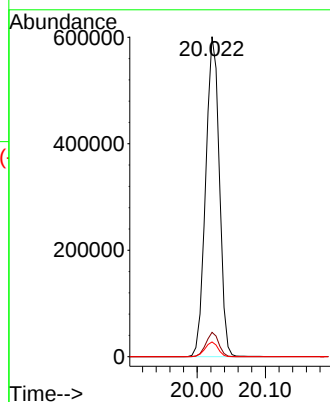
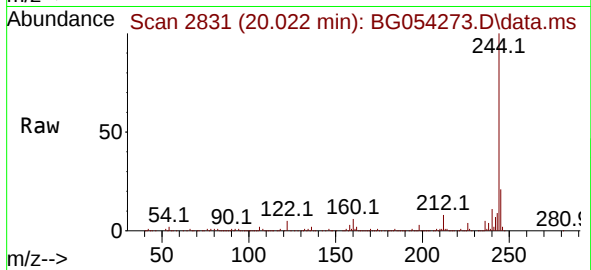
Tgt Ion:244 Resp: 837522

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 4.6 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 8.099 ng

RT: 20.703 min Scan# 2947

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

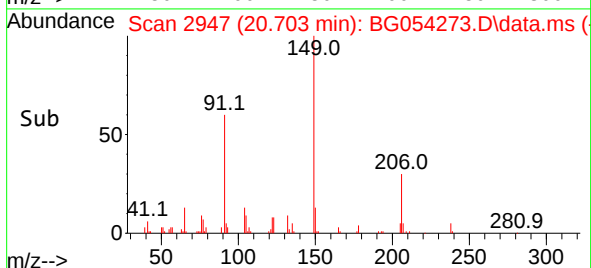
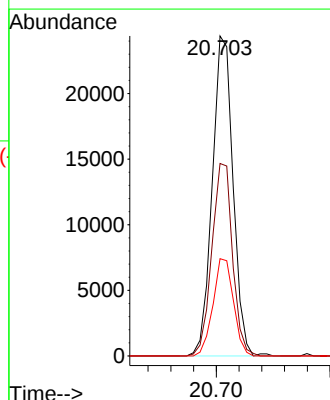
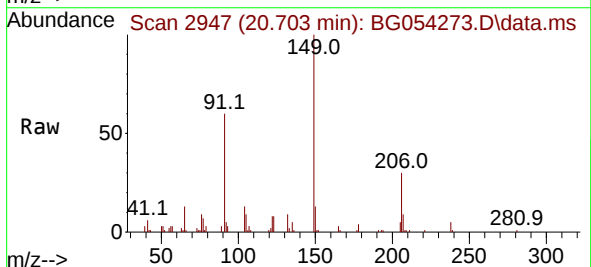
Tgt Ion:149 Resp: 30889

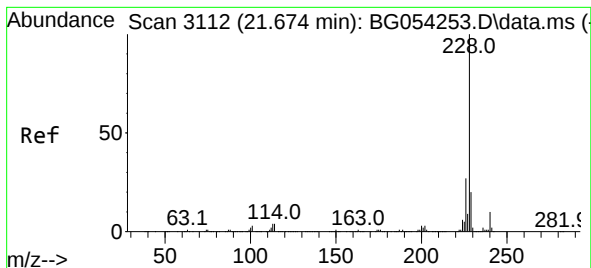
Ion Ratio Lower Upper

149 100

91 60.2 59.6 89.4

206 30.4 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 9.032 ng

RT: 21.667 min Scan# 3111

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

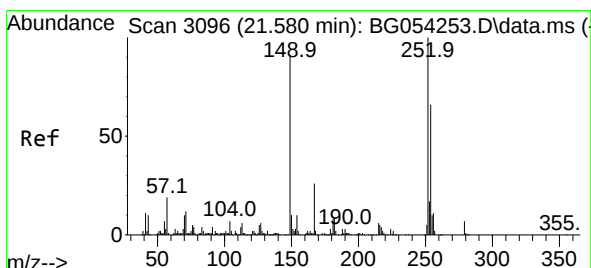
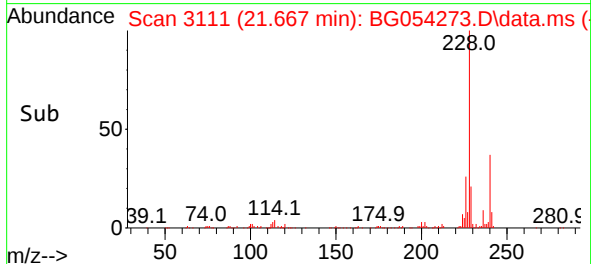
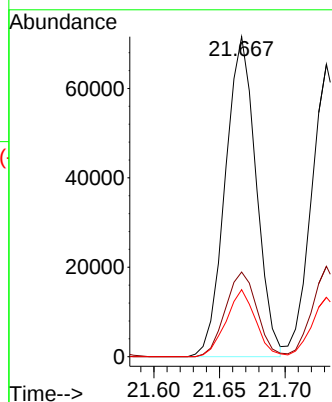
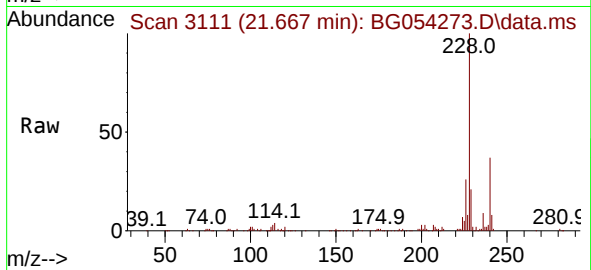
Tgt Ion:228 Resp: 116860

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 21.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 11.465 ng

RT: 21.579 min Scan# 3096

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

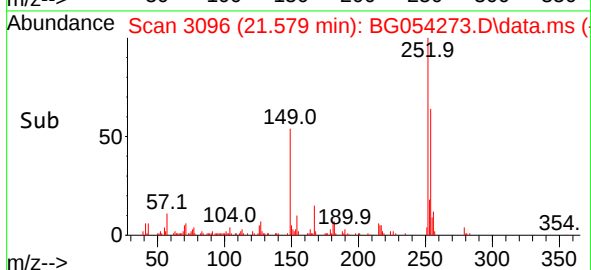
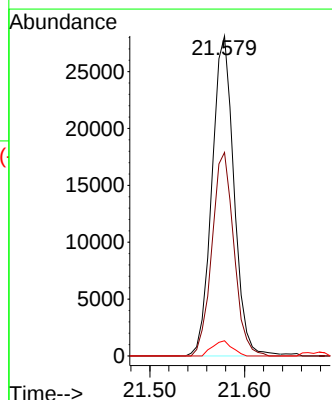
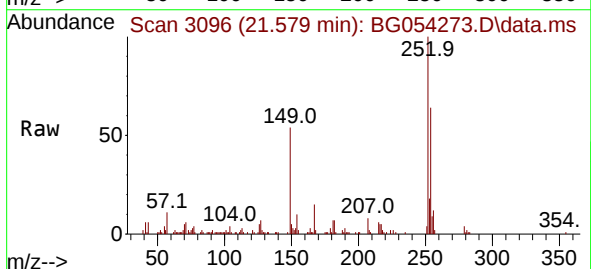
Tgt Ion:252 Resp: 45339

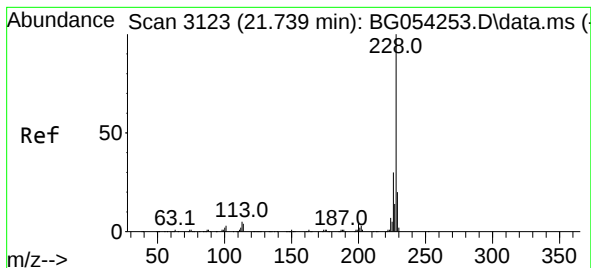
Ion Ratio Lower Upper

252 100

254 63.6 49.8 74.8

126 4.8 6.0 9.0#





#83

Chrysene

Concen: 8.941 ng

RT: 21.731 min Scan# 3123

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

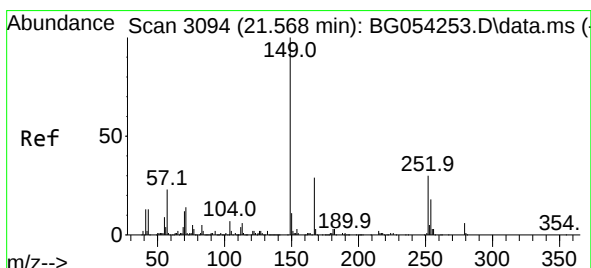
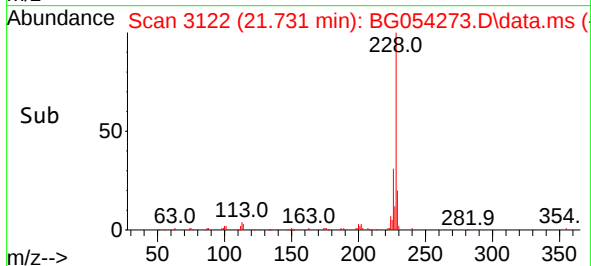
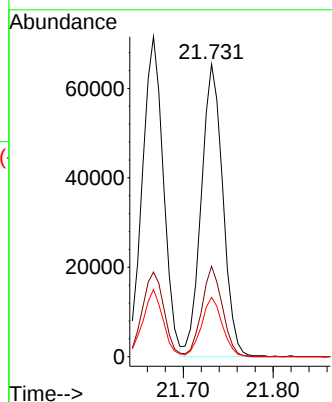
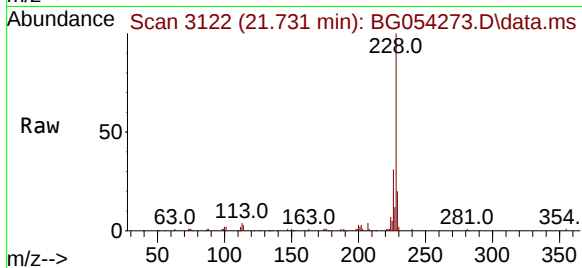
Tgt Ion:228 Resp: 109414

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

229 20.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.634 ng

RT: 21.567 min Scan# 3094

Delta R.T. -0.002 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

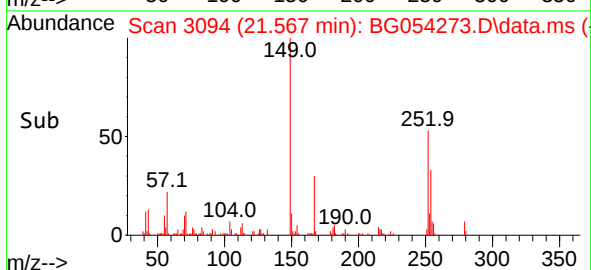
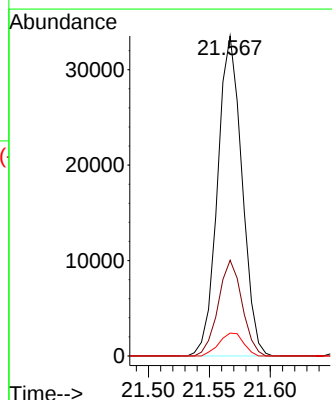
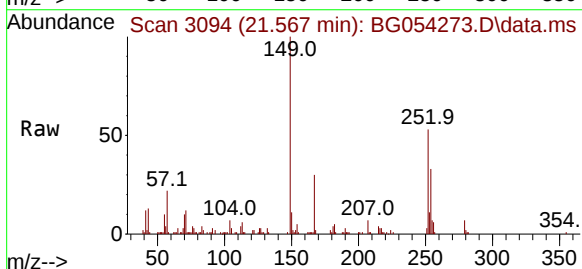
Tgt Ion:149 Resp: 46723

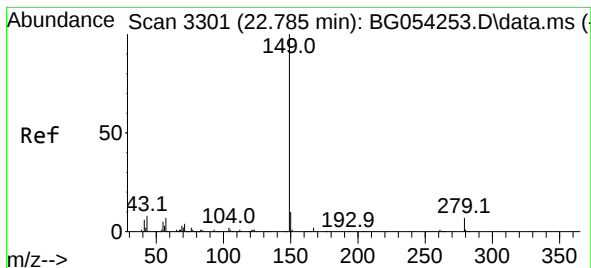
Ion Ratio Lower Upper

149 100

167 29.9 20.2 30.4

279 7.2 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 8.446 ng

RT: 22.777 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

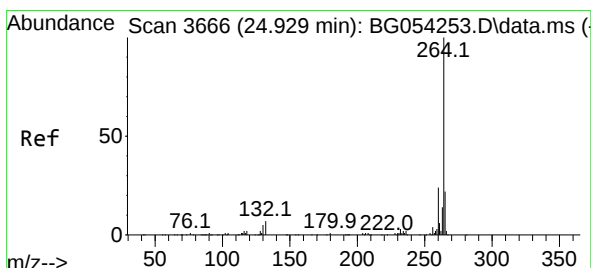
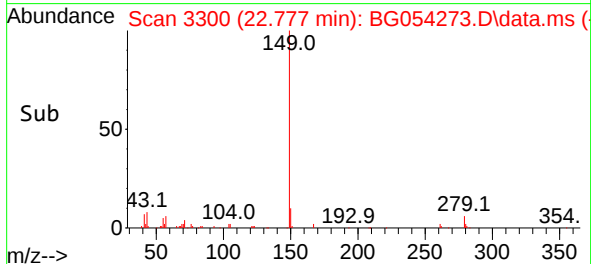
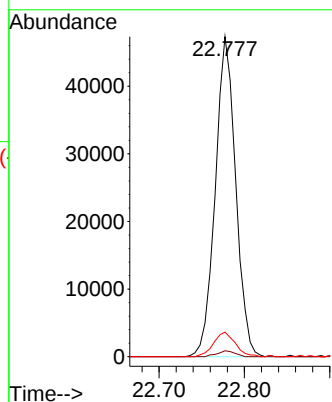
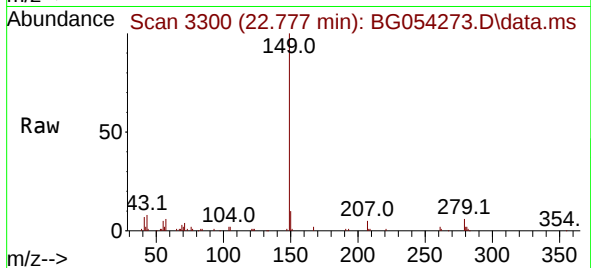
Tgt Ion:149 Resp: 78687

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.922 min Scan# 3665

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

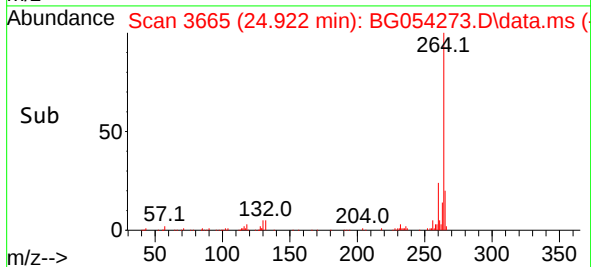
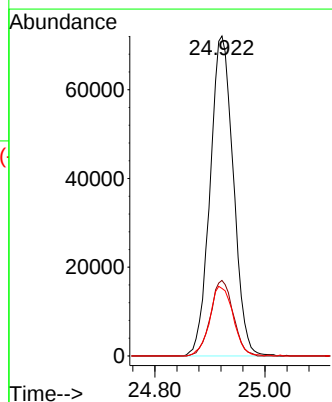
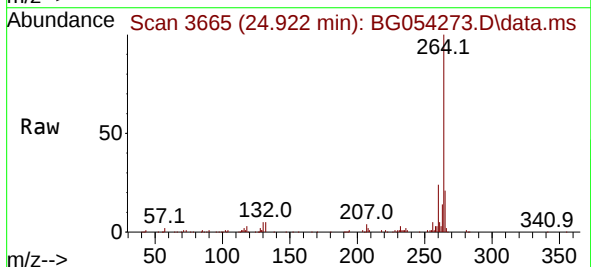
Tgt Ion:264 Resp: 211204

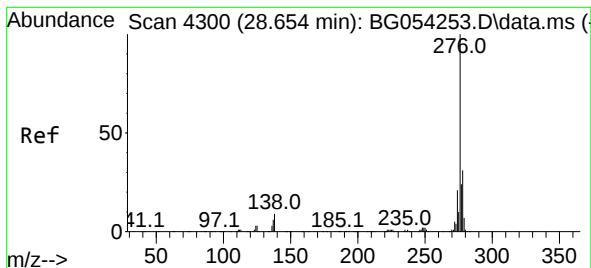
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.188 ng

RT: 28.623 min Scan# 41

Delta R.T. -0.031 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

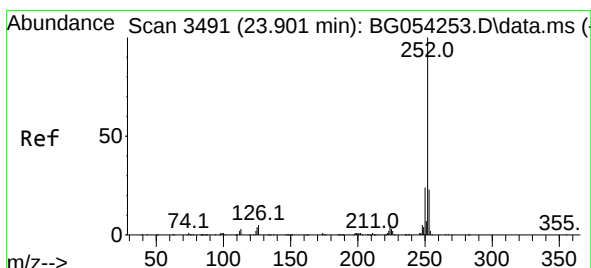
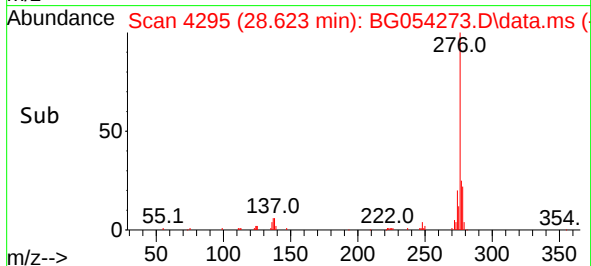
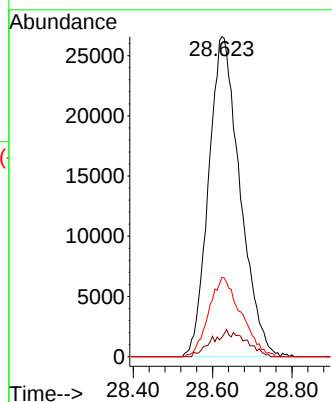
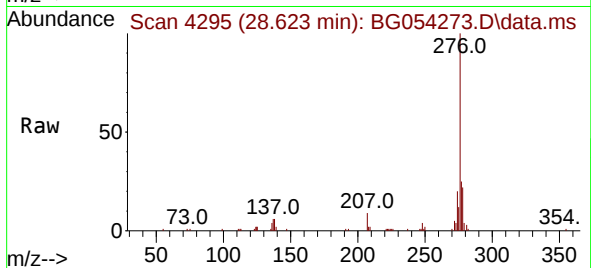
Tgt Ion:276 Resp: 145988

Ion Ratio Lower Upper

276 100

138 0.7 5.0 7.4#

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.592 ng

RT: 23.894 min Scan# 3490

Delta R.T. -0.007 min

Lab File: BG054273.D

Acq: 13 Jul 2022 17:25

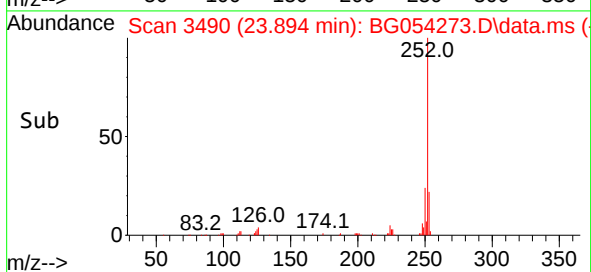
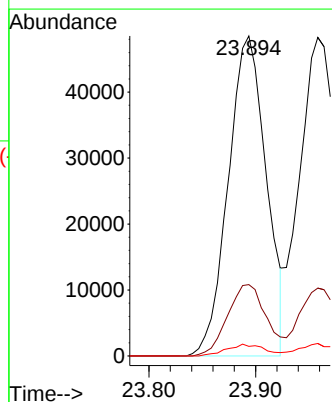
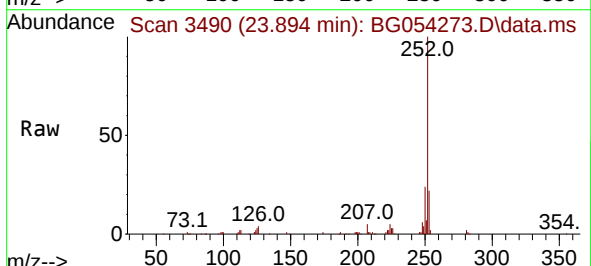
Tgt Ion:252 Resp: 120133

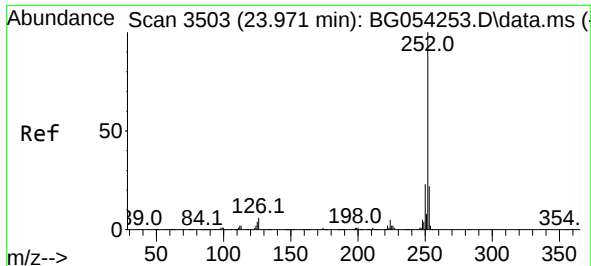
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 3.0 4.6 6.8#

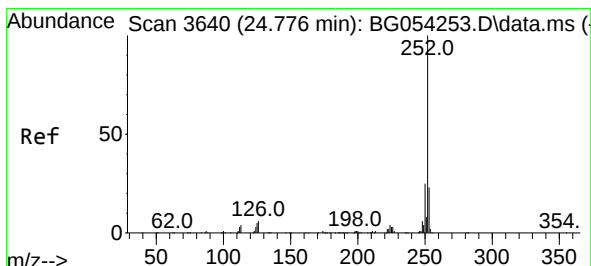
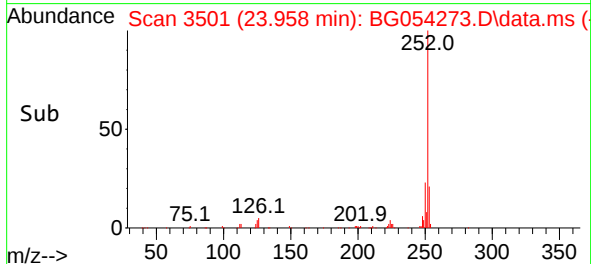
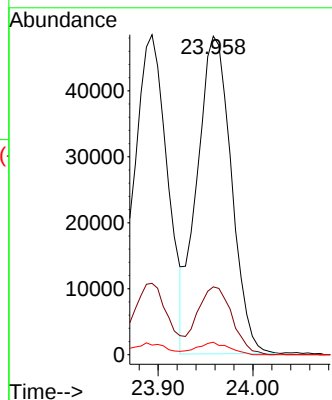
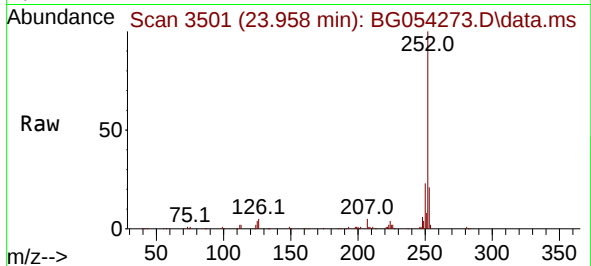




#89
Benzo(k)fluoranthene
Concen: 9.733 ng
RT: 23.958 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

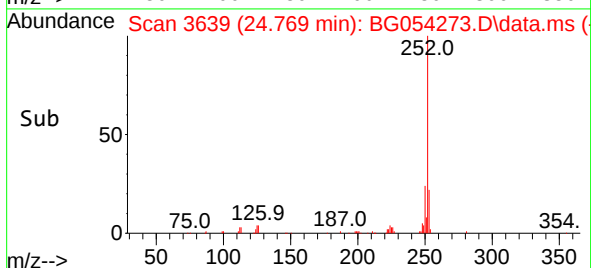
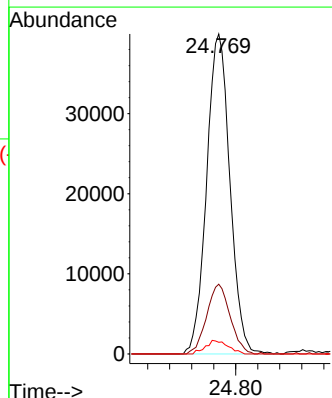
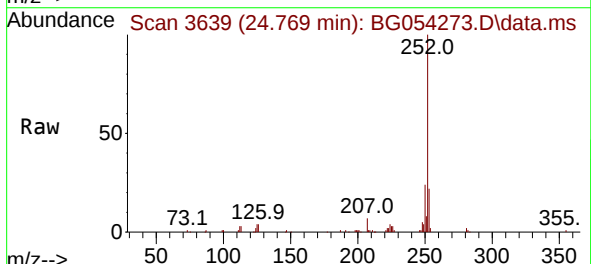
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

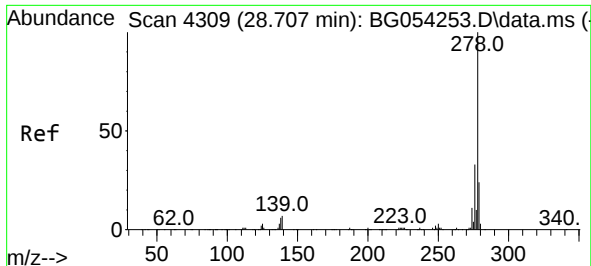
Tgt Ion:252 Resp: 120926
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 3.9 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 10.941 ng
RT: 24.769 min Scan# 3639
Delta R.T. -0.007 min
Lab File: BG054273.D
Acq: 13 Jul 2022 17:25

Tgt Ion:252 Resp: 117242
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 3.7 4.3 6.5#

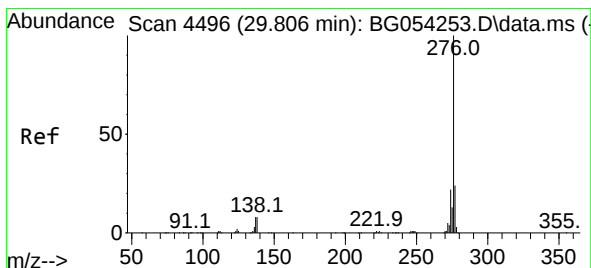
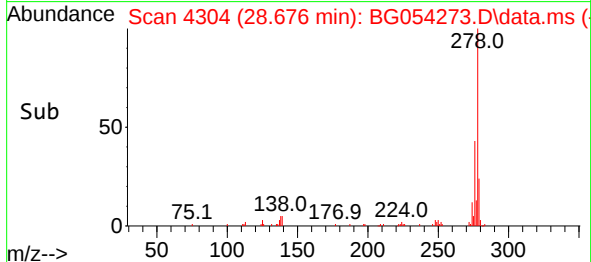
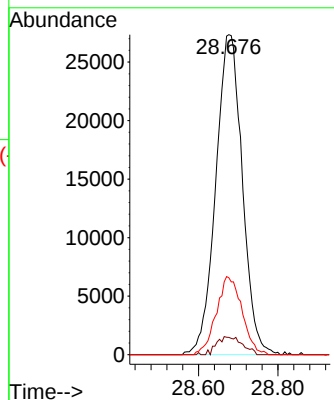
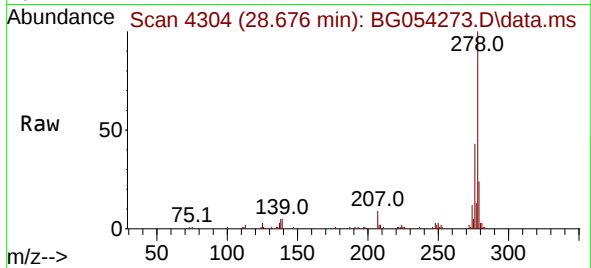




#91
 Dibenzo(a,h)anthracene
 Concen: 9.758 ng
 RT: 28.676 min Scan# 41
 Delta R.T. -0.031 min
 Lab File: BG054273.D
 Acq: 13 Jul 2022 17:25

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:278 Resp: 127010
 Ion Ratio Lower Upper
 278 100
 139 5.4 7.2 10.8#
 279 24.0 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 9.670 ng
 RT: 29.787 min Scan# 4493
 Delta R.T. -0.019 min
 Lab File: BG054273.D
 Acq: 13 Jul 2022 17:25

Tgt Ion:276 Resp: 125542
 Ion Ratio Lower Upper
 276 100
 277 21.0 17.3 25.9
 138 7.1 9.6 14.4#

