

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
 Data File : BG049422.D
 Acq On : 23 Jul 2021 10:24
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 23 11:18:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 11:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	28525	20.000	ng	# 0.00
21) Naphthalene-d8	10.877	136	108462	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	71613	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	153651	20.000	ng	# 0.00
76) Chrysene-d12	21.733	240	174601	20.000	ng	0.00
86) Perylene-d12	25.016	264	181434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.601	112	198162	117.863	ng	0.00
7) Phenol-d6	7.211	99	285958	116.785	ng	0.00
23) Nitrobenzene-d5	9.226	82	201979	83.435	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	123452	128.726	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	403304	81.036	ng	0.00
79) Terphenyl-d14	20.064	244	716124	80.100	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	6230	8.179	ng	# 89
3) Pyridine	3.898	79	9835	5.067	ng	# 80
4) n-Nitrosodimethylamine	3.804	42	7350	7.711	ng	# 58
6) Aniline	7.376	93	22202	8.384	ng	93
8) 2-Chlorophenol	7.616	128	12528	7.267	ng	88
9) Benzaldehyde	7.182	77	15426	9.483	ng	94
10) Phenol	7.240	94	16933	7.260	ng	99
11) bis(2-Chloroethyl)ether	7.470	93	11452	7.167	ng	75
12) 1,3-Dichlorobenzene	7.945	146	14914	7.316	ng	94
13) 1,4-Dichlorobenzene	7.945	146	14914	7.347	ng	90
14) 1,2-Dichlorobenzene	8.092	146	14836	7.566	ng	93
15) Benzyl Alcohol	8.292	79	14742	7.365	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.586	45	13280	7.115	ng	98
17) 2-Methylphenol	8.492	107	10908	7.024	ng	92
18) Hexachloroethane	9.144	117	6661	8.443	ng	94
19) n-Nitroso-di-n-propyla...	8.856	70	11458	7.122	ng	# 94
20) 3+4-Methylphenols	8.821	107	16098	7.565	ng	92
22) Acetophenone	8.879	105	22668	7.805	ng	# 98
24) Nitrobenzene	9.267	77	19874	7.817	ng	98
25) Isophorone	9.790	82	29261	6.822	ng	96
26) 2-Nitrophenol	9.978	139	7078	7.669	ng	89
27) 2,4-Dimethylphenol	10.037	122	11738	7.956	ng	96
28) bis(2-Chloroethoxy)met...	10.278	93	14769	7.718	ng	# 79
29) 2,4-Dichlorophenol	10.524	162	12520	7.318	ng	91
30) 1,2,4-Trichlorobenzene	10.730	180	14131	7.313	ng	85
31) Naphthalene	10.924	128	41688	7.288	ng	97
32) Benzoic acid	10.137	122	2408	2.484	ng	95
33) 4-Chloroaniline	11.029	127	15512	7.106	ng	# 92
34) Hexachlorobutadiene	11.217	225	10755	7.767	ng	# 86
35) Caprolactam	11.793	113	3658	6.885	ng	# 64
36) 4-Chloro-3-methylphenol	12.157	107	14255	7.064	ng	# 82
37) 2-Methylnaphthalene	12.533	142	30800	7.377	ng	95
38) 1-Methylnaphthalene	12.751	142	28876	7.234	ng	98
40) 1,2,4,5-Tetrachloroben...	12.897	216	17145	8.096	ng	98
41) Hexachlorocyclopentadiene	12.880	237	8227	8.703	ng	89
43) 2,4,6-Trichlorophenol	13.138	196	9466	6.853	ng	94

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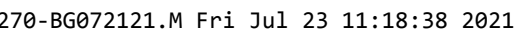
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2021

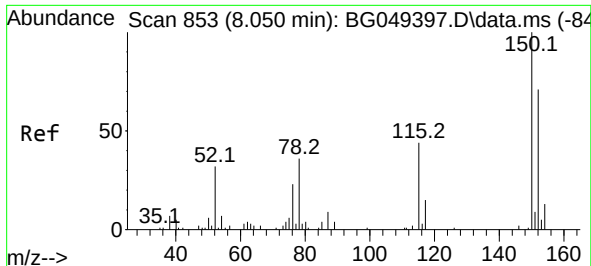
Quant Time: Jul 23 11:18:29 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 11:17:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.215	196	10930	7.315	ng	87
46) 1,1'-Biphenyl	13.538	154	41286	7.864	ng	96
47) 2-Chloronaphthalene	13.579	162	30157	7.478	ng	95
48) 2-Nitroaniline	13.785	65	10389	7.403	ng	97
49) Acenaphthylene	14.425	152	49447	7.563	ng	94
50) Dimethylphthalate	14.149	163	39080	7.512	ng	97
51) 2,6-Dinitrotoluene	14.272	165	8045	7.122	ng	99
52) Acenaphthene	14.766	154	30115	7.631	ng	95
53) 3-Nitroaniline	14.601	138	7894	6.970	ng #	96
54) 2,4-Dinitrophenol	14.818	184	2741	5.765	ng #	67
55) Dibenzofuran	15.100	168	44706	7.060	ng	95
56) 4-Nitrophenol	14.918	139	5085	5.692	ng #	73
57) 2,4-Dinitrotoluene	15.059	165	11862	7.598	ng #	95
58) Fluorene	15.752	166	38471	7.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.324	232	9474	6.936	ng #	96
60) Diethylphthalate	15.512	149	40221	7.697	ng	94
61) 4-Chlorophenyl-phenylether	15.741	204	19328	7.406	ng	93
62) 4-Nitroaniline	15.764	138	8777	7.363	ng #	85
63) Azobenzene	16.034	77	42465	7.338	ng	91
65) 4,6-Dinitro-2-methylph...	15.829	198	4666	5.606	ng	86
66) n-Nitrosodiphenylamine	15.952	169	32035	7.258	ng	96
67) 4-Bromophenyl-phenylether	16.639	248	13542	7.781	ng	94
68) Hexachlorobenzene	16.757	284	15111	7.668	ng	97
69) Atrazine	16.898	200	13131	7.508	ng	96
70) Pentachlorophenol	17.162	266	405	0.457	ng	90
71) Phenanthrene	17.585	178	60953	7.380	ng	97
72) Anthracene	17.585	178	60953	7.508	ng	96
73) Carbazole	17.855	167	56136	7.270	ng #	96
74) Di-n-butylphthalate	18.408	149	70931	8.056	ng	97
75) Fluoranthene	19.506	202	77872	7.572	ng	98
77) Benzidine	19.682	184	40613	8.404	ng	98
78) Pyrene	19.865	202	81148	7.081	ng	98
80) Butylbenzylphthalate	20.746	149	32438	7.785	ng #	96
81) Benzo(a)anthracene	21.715	228	81772	7.394	ng	98
82) 3,3'-Dichlorobenzidine	21.627	252	30841	9.666	ng	100
83) Chrysene	21.780	228	76870	7.207	ng	95
84) Bis(2-ethylhexyl)phtha...	21.609	149	46488	7.440	ng #	99
85) Di-n-octyl phthalate	22.843	149	76968	7.131	ng	98
87) Indeno(1,2,3-cd)pyrene	28.764	276	98248	7.650	ng #	98
88) Benzo(b)fluoranthene	23.971	252	85511	7.314	ng #	98
89) Benzo(k)fluoranthene	24.035	252	85598	7.872	ng #	94
90) Benzo(a)pyrene	24.852	252	82050	7.743	ng #	99
91) Dibenzo(a,h)anthracene	28.823	278	81756	7.580	ng #	98
92) Benzo(g,h,i)perylene	29.927	276	80732	7.564	ng #	95

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

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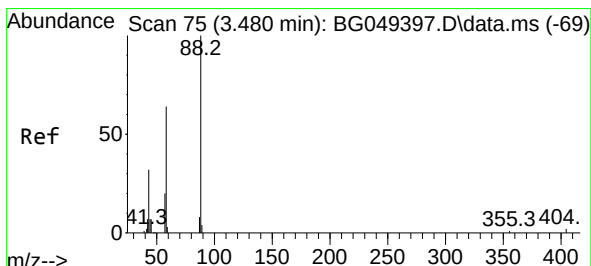
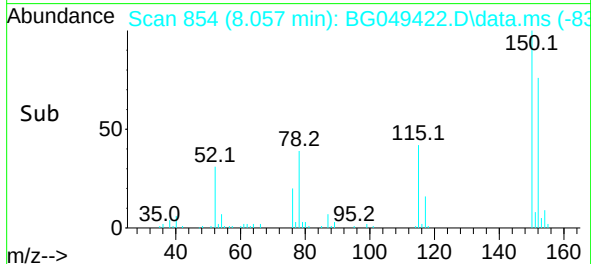
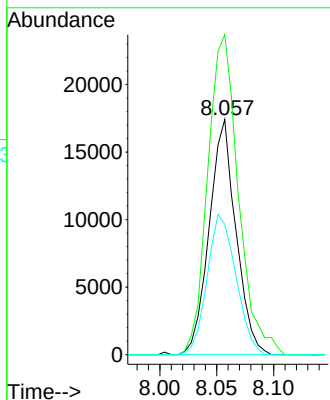
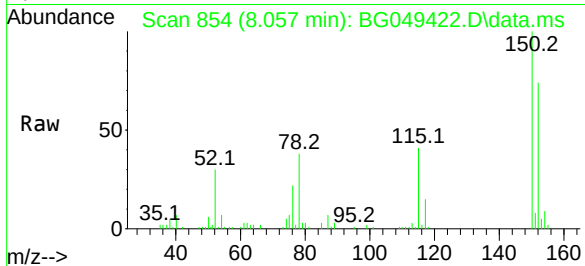




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.057 min Scan# 854
Delta R.T. 0.007 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

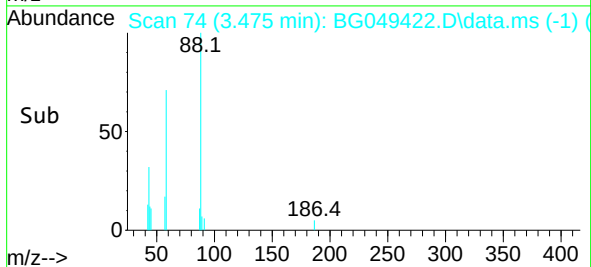
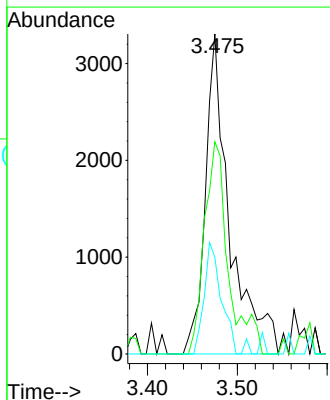
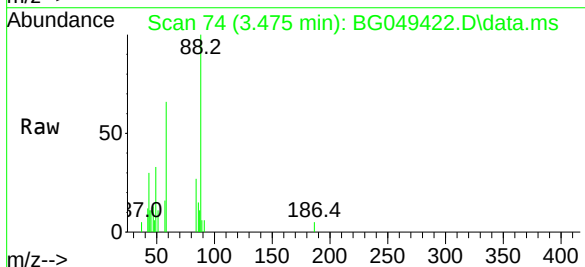
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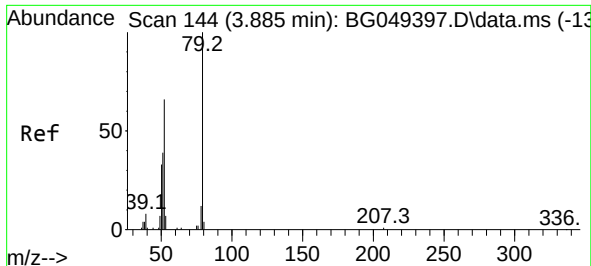
Tgt Ion:152 Resp: 28525
Ion Ratio Lower Upper
152 100
150 136.0 119.4 179.0
115 55.4 60.2 90.4#



#2
1,4-Dioxane
Concen: 8.179 ng
RT: 3.475 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 88 Resp: 6230
Ion Ratio Lower Upper
88 100
58 64.9 55.7 83.5
43 24.5 29.3 43.9#

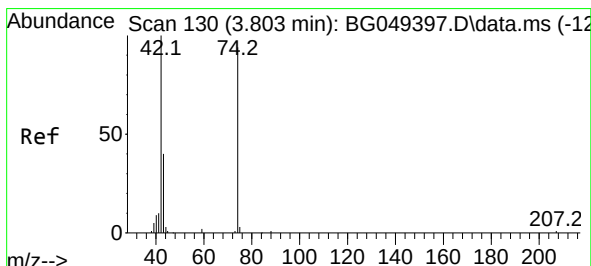
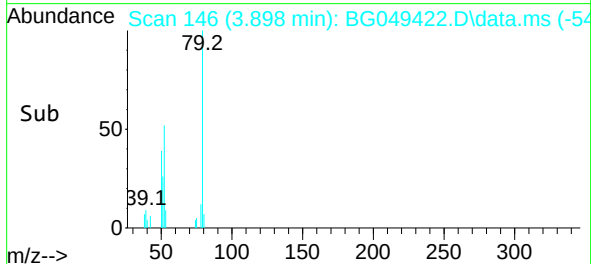
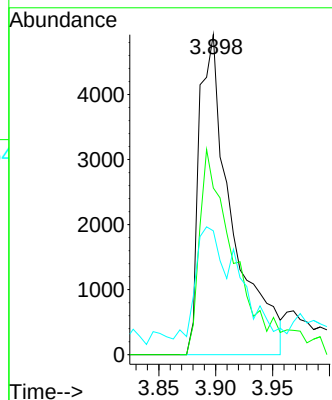
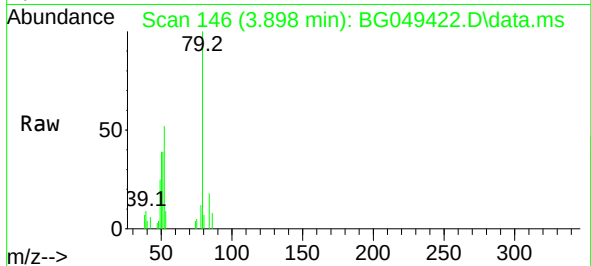




#3
Pyridine
Concen: 5.067 ng
RT: 3.898 min Scan# 146
Delta R.T. 0.013 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

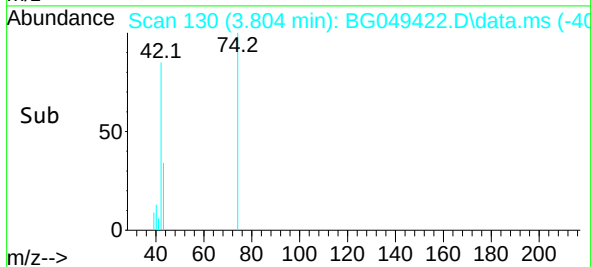
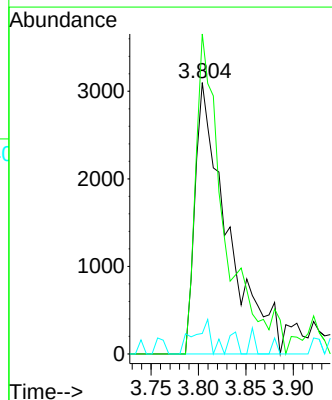
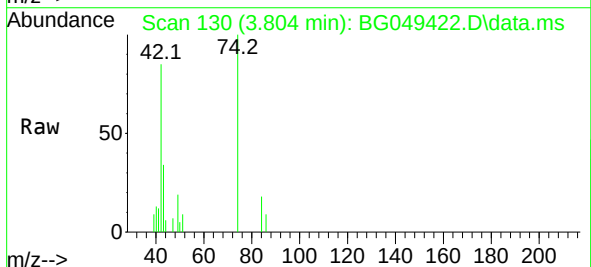
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

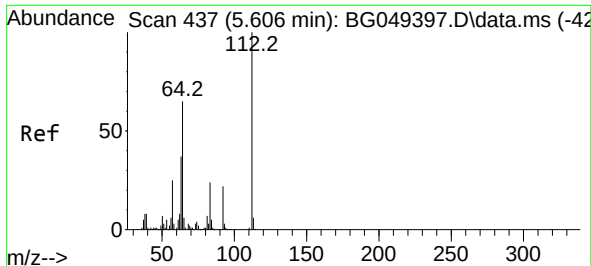
Tgt Ion: 79 Resp: 9835
Ion Ratio Lower Upper
79 100
52 52.1 58.4 87.6#
51 38.7 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 7.711 ng
RT: 3.804 min Scan# 130
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 42 Resp: 7350
Ion Ratio Lower Upper
42 100
74 117.9 64.0 96.0#
44 7.5 2.7 4.1#

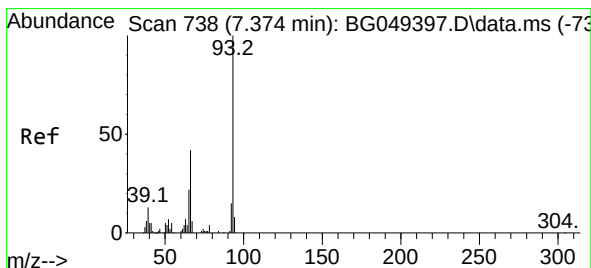
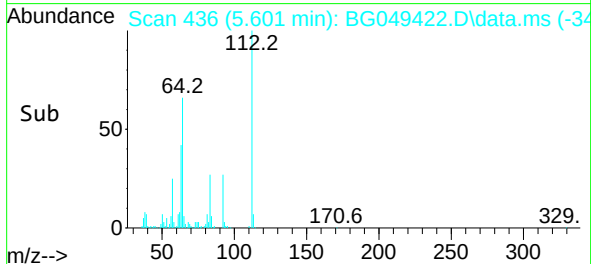
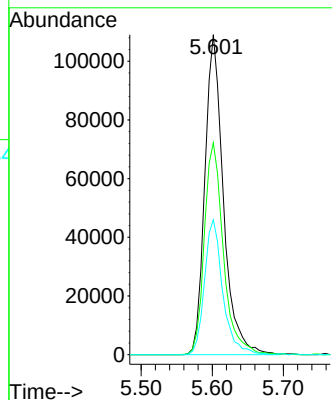
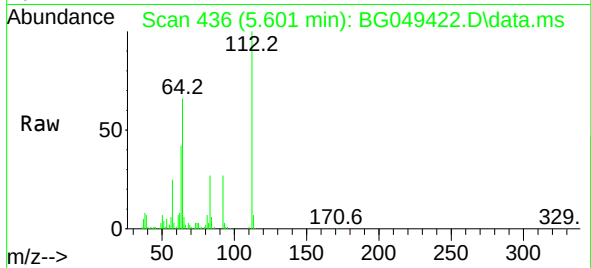




#5
2-Fluorophenol
Concen: 117.863 ng
RT: 5.601 min Scan# 436
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

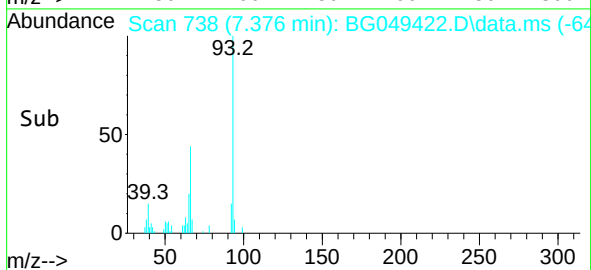
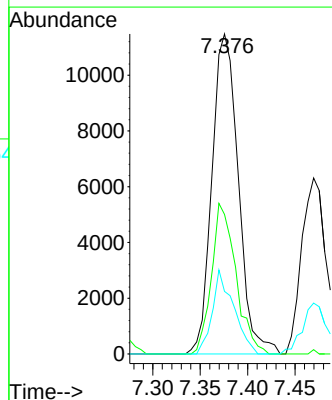
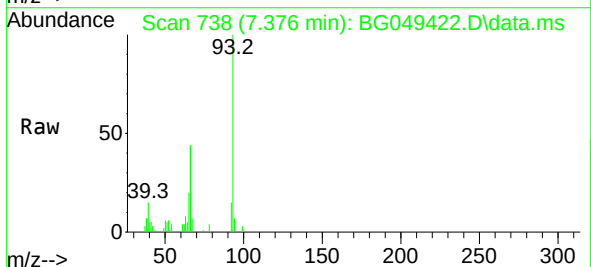
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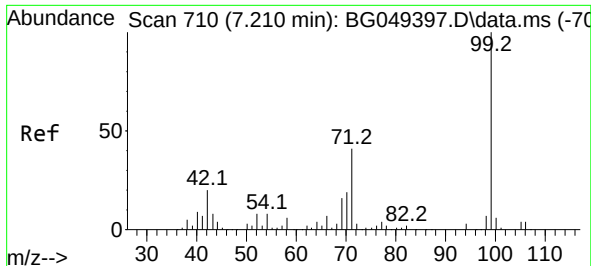
Tgt Ion:	112	Resp:	198162
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.7	70.1
63	42.2	35.3	52.9



#6
Aniline
Concen: 8.384 ng
RT: 7.376 min Scan# 738
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	93	Resp:	22202
Ion Ratio	Lower	Upper	
93	100		
66	43.6	30.6	45.8
65	19.5	15.0	22.4

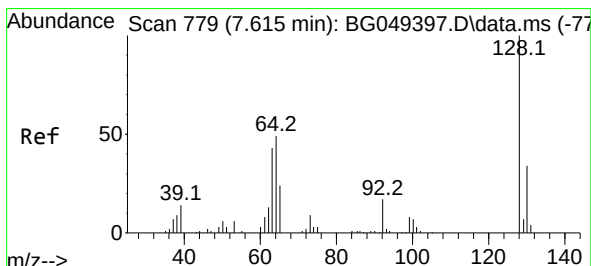
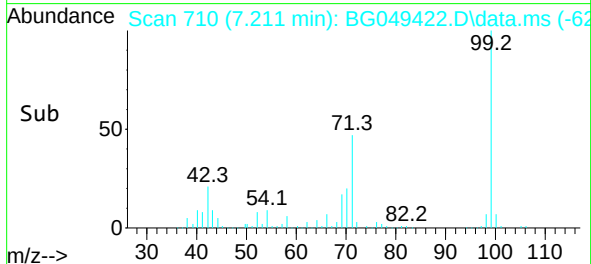
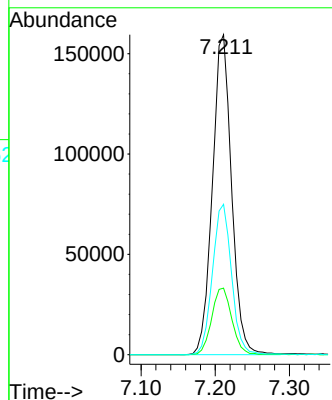
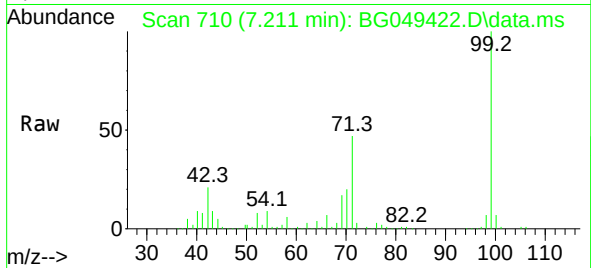




#7
Phenol-d6
Concen: 116.785 ng
RT: 7.211 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

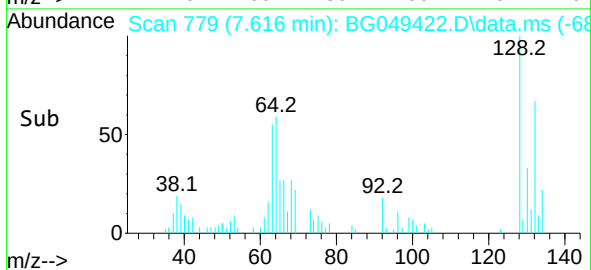
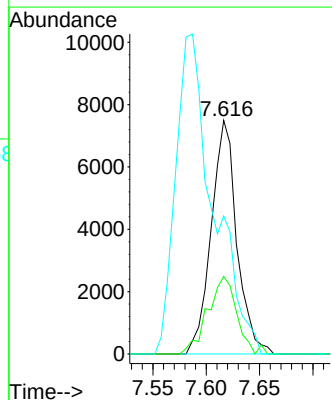
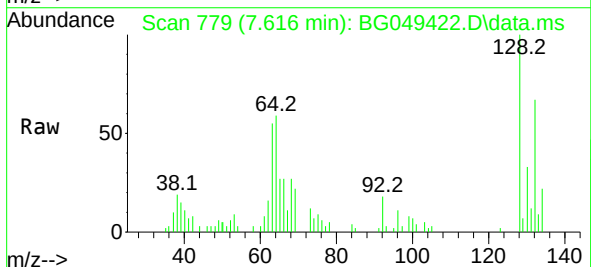
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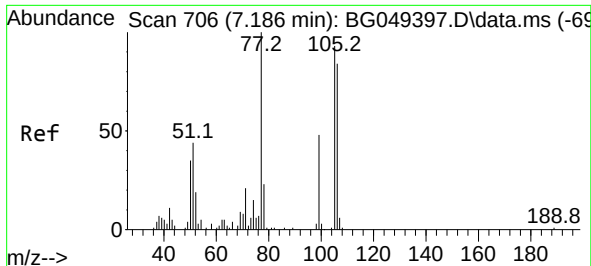
Tgt Ion: 99 Resp: 285958
Ion Ratio Lower Upper
99 100
42 20.8 20.5 30.7
71 47.0 41.5 62.3



#8
2-Chlorophenol
Concen: 7.267 ng
RT: 7.616 min Scan# 779
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 128 Resp: 12528
Ion Ratio Lower Upper
128 100
130 33.2 10.0 50.0
64 59.0 28.1 68.1

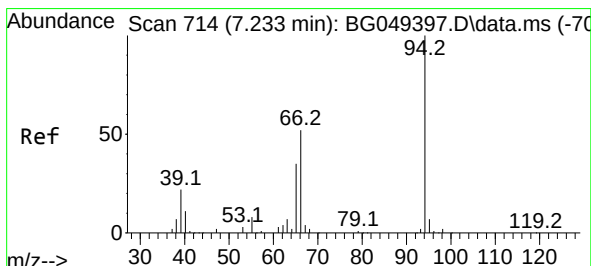
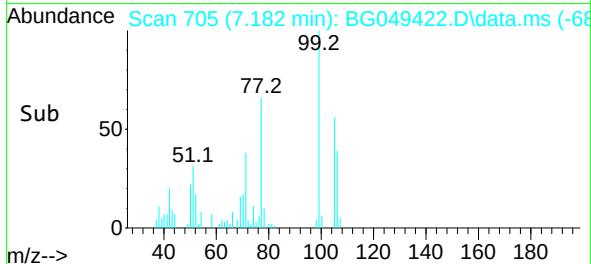
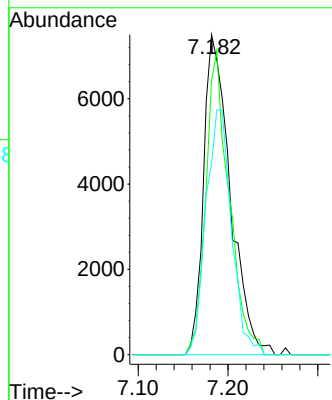
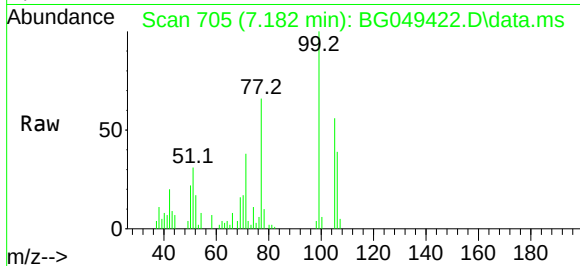




#9
Benzaldehyde
Concen: 9.483 ng
RT: 7.182 min Scan# 705
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

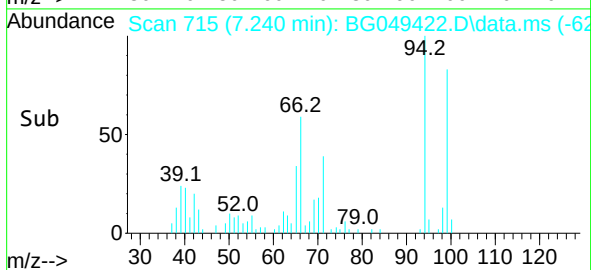
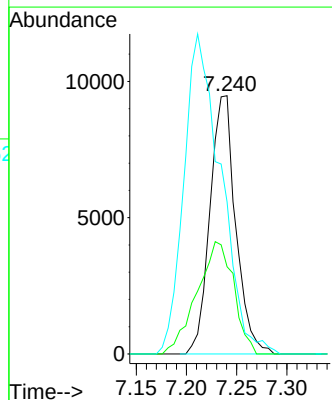
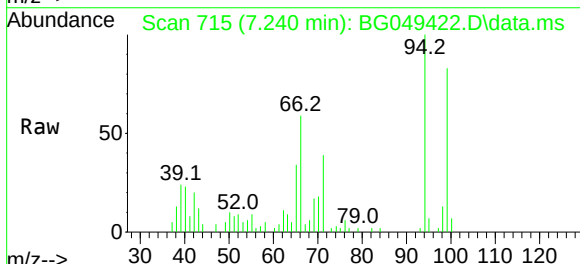
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

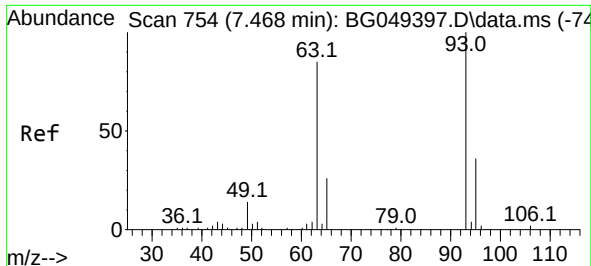
Tgt Ion: 77 Resp: 15426
Ion Ratio Lower Upper
77 100
105 85.7 68.8 108.8
106 59.6 47.9 87.9



#10
Phenol
Concen: 7.260 ng
RT: 7.240 min Scan# 715
Delta R.T. 0.007 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

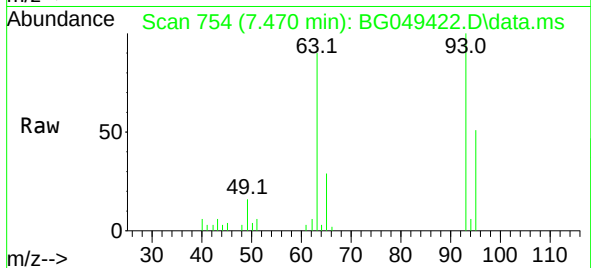
Tgt Ion: 94 Resp: 16933
Ion Ratio Lower Upper
94 100
65 33.8 12.9 52.9
66 58.9 39.4 79.4



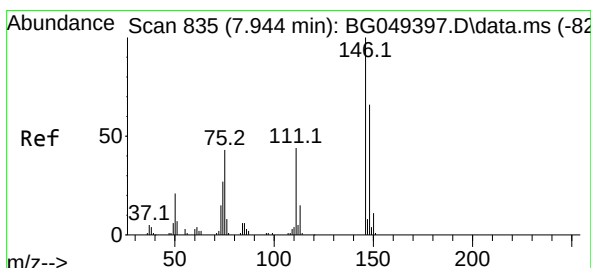
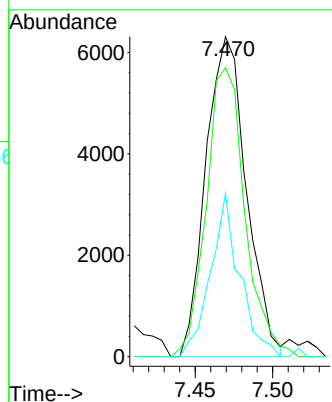
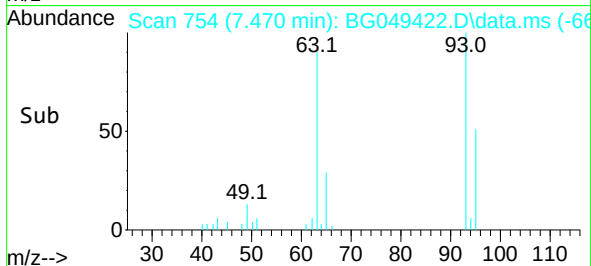


#11
bis(2-Chloroethyl)ether
Concen: 7.167 ng
RT: 7.470 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

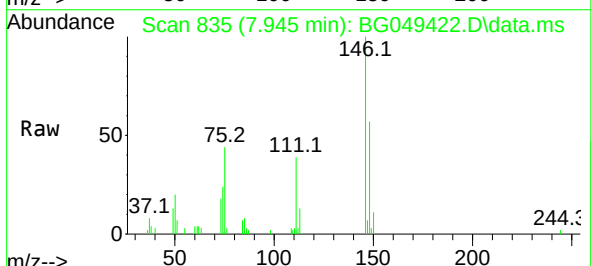
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021



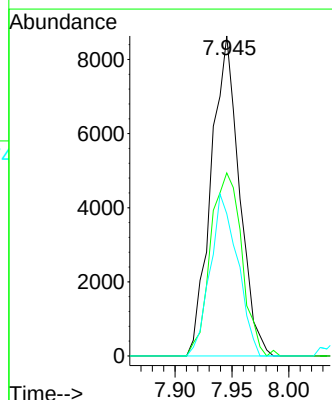
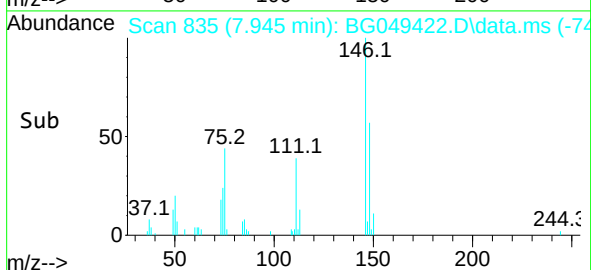
Tgt Ion:	93	Resp:	11452
Ion	Ratio	Lower	Upper
93	100		
63	90.3	50.4	90.4
95	51.1	15.3	55.3

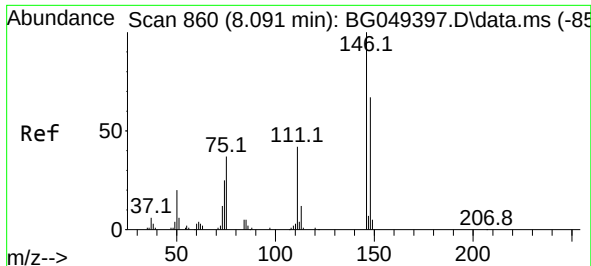


#12
1,3-Dichlorobenzene
Concen: 7.316 ng
RT: 7.945 min Scan# 835
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24



Tgt Ion:	146	Resp:	14914
Ion	Ratio	Lower	Upper
146	100		
148	57.2	52.6	78.8
75	44.5	35.7	53.5

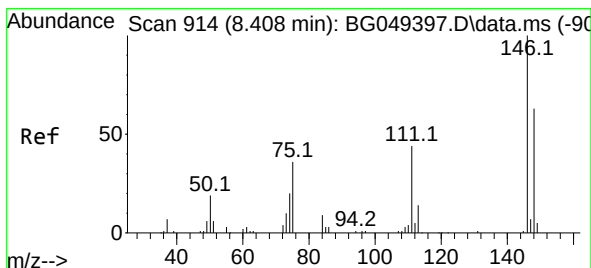
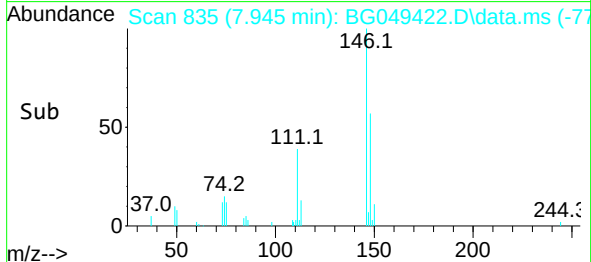
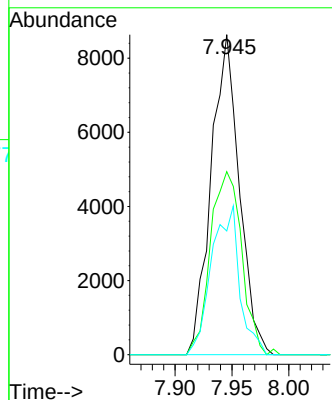
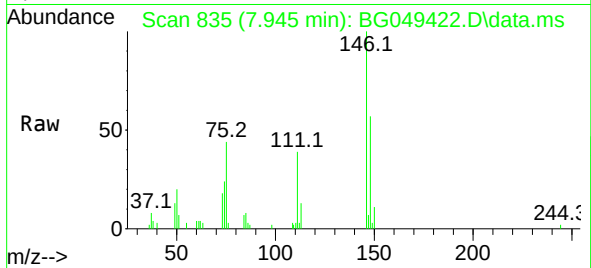




#13
1,4-Dichlorobenzene
Concen: 7.347 ng
RT: 7.945 min Scan# 835
Delta R.T. -0.146 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

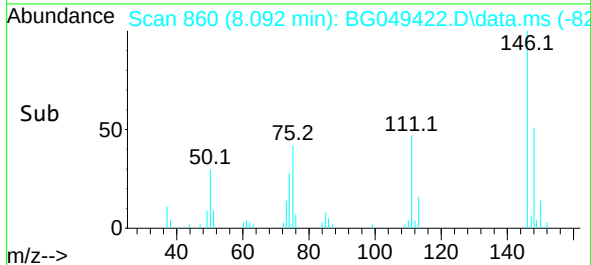
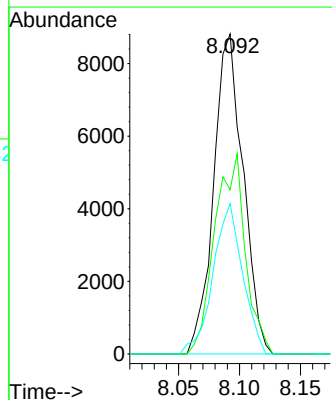
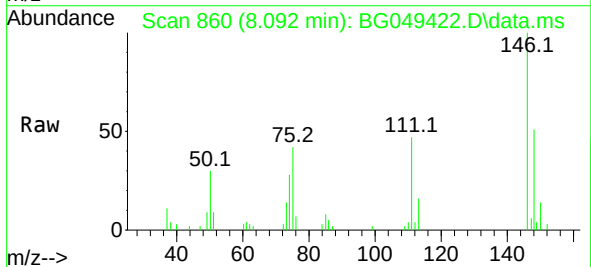
Instrument :
BNA_G
ClientSampleId :
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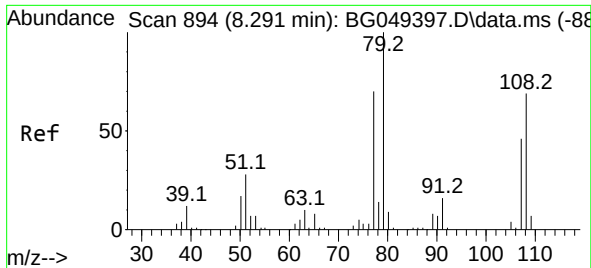
Tgt Ion:146 Resp: 14914
Ion Ratio Lower Upper
146 100
148 57.2 54.0 81.0
111 38.7 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 7.566 ng
RT: 8.092 min Scan# 860
Delta R.T. -0.316 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:146 Resp: 14836
Ion Ratio Lower Upper
146 100
148 51.3 47.5 71.3
111 47.0 39.1 58.7

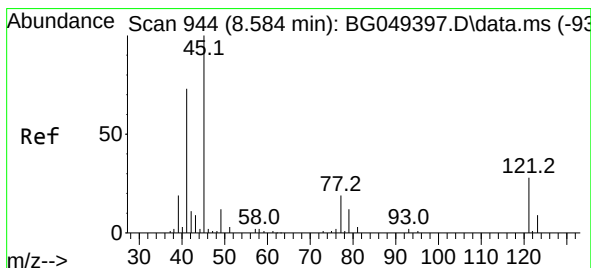
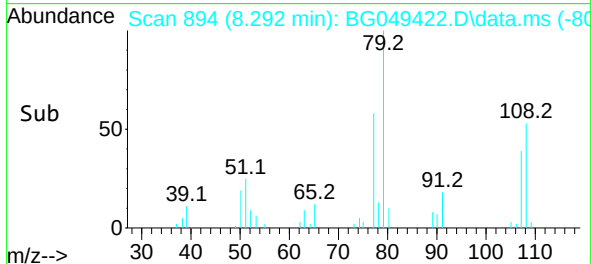
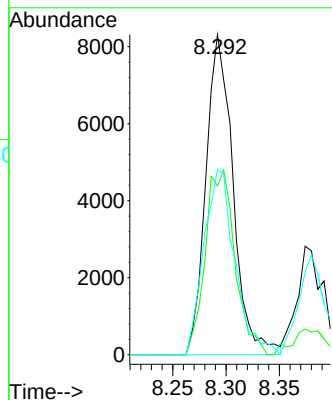
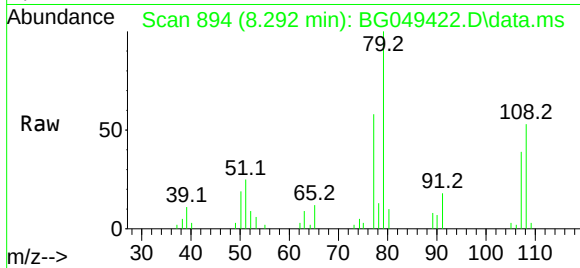




#15
Benzyl Alcohol
Concen: 7.365 ng
RT: 8.292 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

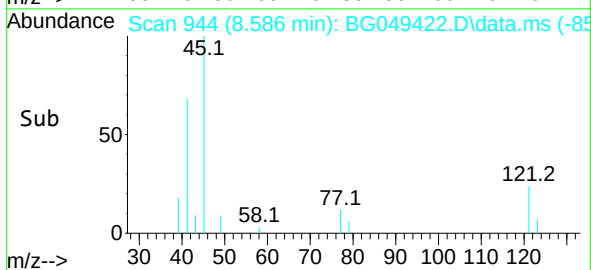
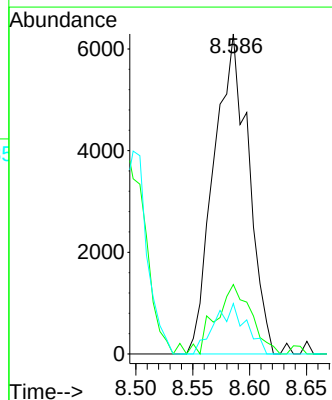
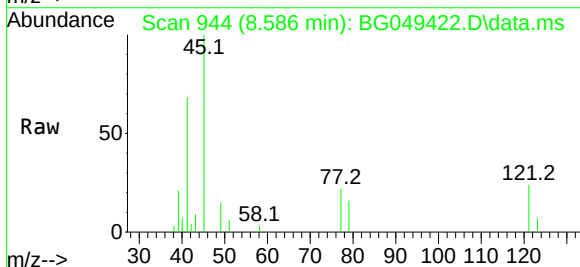
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

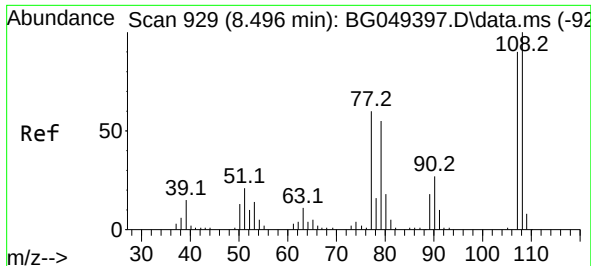
Tgt Ion: 79	Resp: 14742
Ion Ratio	Lower Upper
79	100
108	52.8 48.2 72.4
77	58.0 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.115 ng
RT: 8.586 min Scan# 944
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 45	Resp: 13280
Ion Ratio	Lower Upper
45	100
77	21.7 2.2 42.2
79	15.8 0.0 34.3

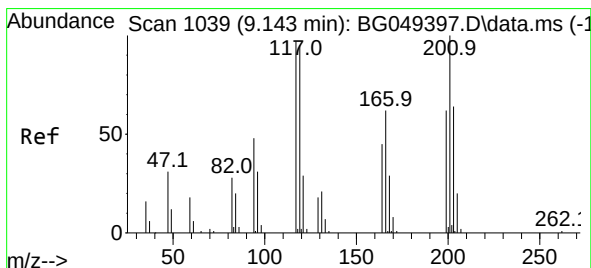
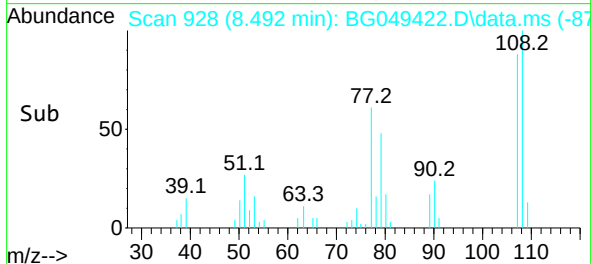
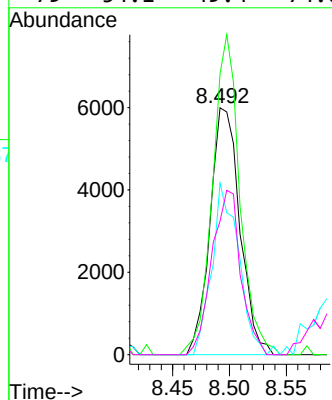
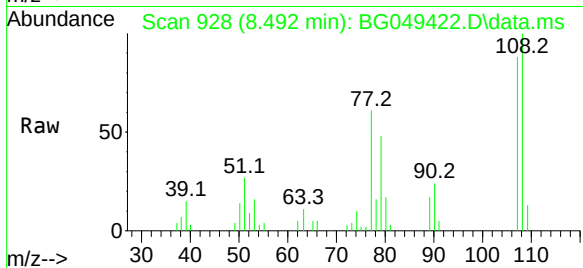




#17
2-Methylphenol
Concen: 7.024 ng
RT: 8.492 min Scan# 928
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

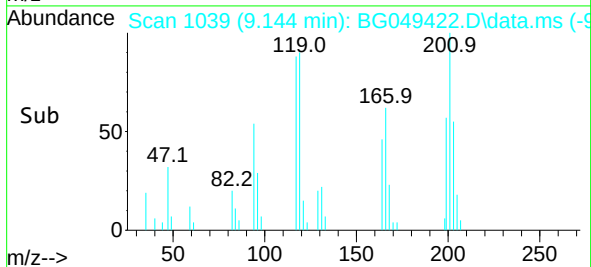
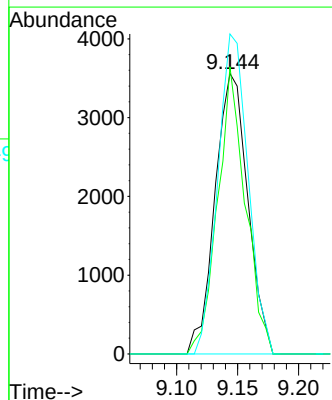
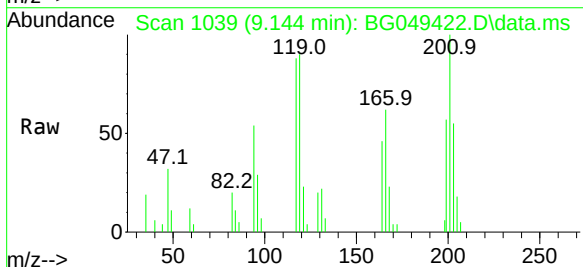
Instrument :
BNA_G
ClientSampleId :
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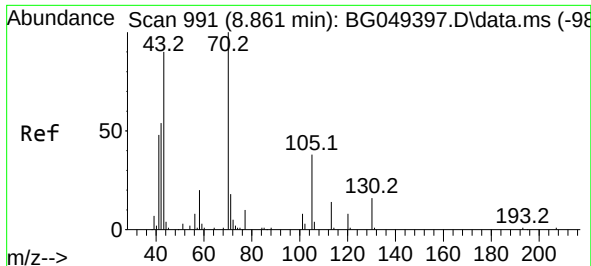
Tgt Ion:	107	Resp:	10908
Ion	Ratio	Lower	Upper
107	100		
108	113.7	84.6	127.0
77	69.4	50.7	76.1
79	54.1	49.4	74.0



#18
Hexachloroethane
Concen: 8.443 ng
RT: 9.144 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

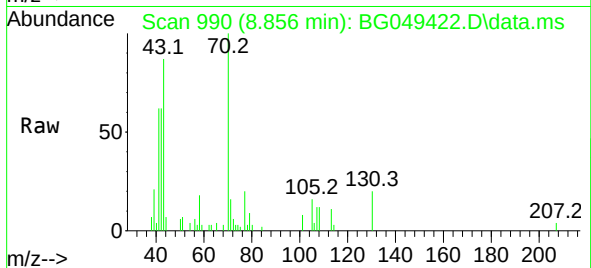
Tgt Ion:	117	Resp:	6661
Ion	Ratio	Lower	Upper
117	100		
119	102.4	74.4	111.6
201	114.1	88.6	133.0



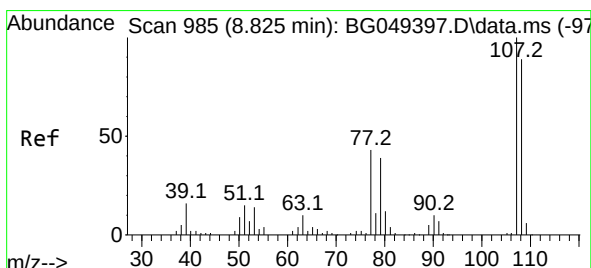
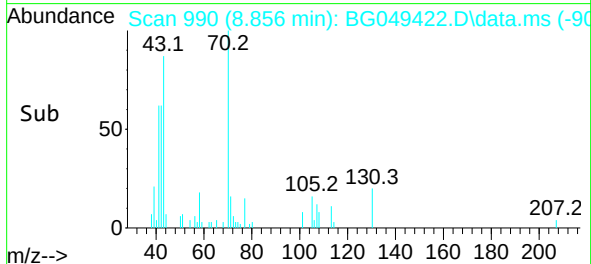
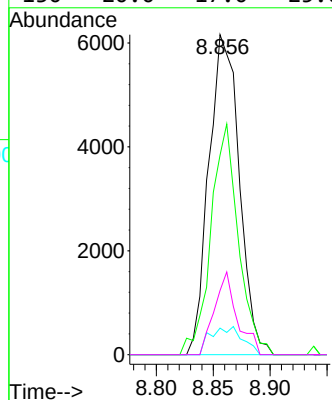


#19
n-Nitroso-di-n-propylamine
Concen: 7.122 ng
RT: 8.856 min Scan# 990
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

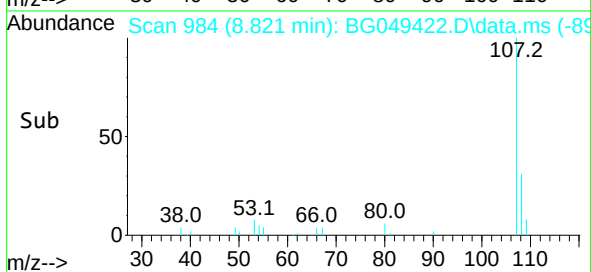
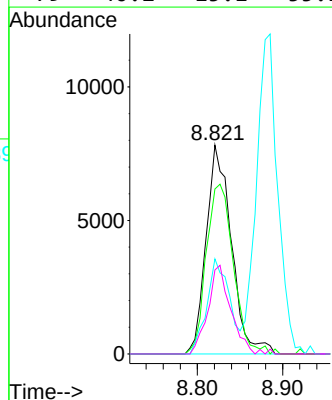
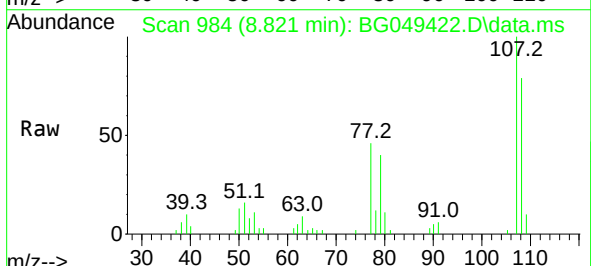


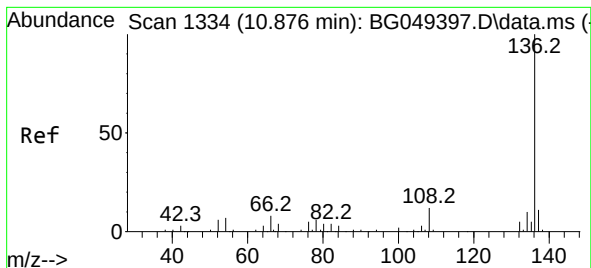
Tgt Ion: 70	Resp: 11458
Ion Ratio	Lower Upper
70 100	
42 62.3	54.5 81.7
101 8.3	9.0 13.6#
130 20.0	17.0 25.6



#20
3+4-Methylphenols
Concen: 7.565 ng
RT: 8.821 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

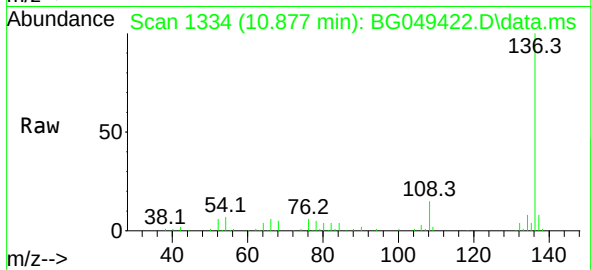
Tgt	Ion:107	Resp:	16098
Ion	Ratio	Lower	Upper
107	100		
108	79.0	69.3	109.3
77	45.5	25.2	65.2
79	40.2	15.1	55.1



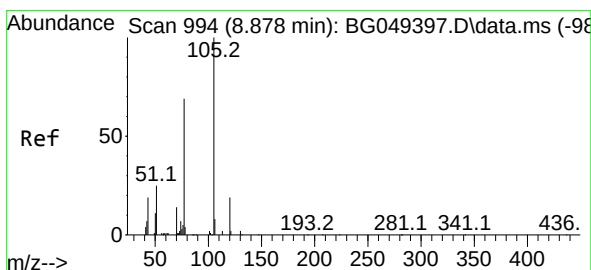
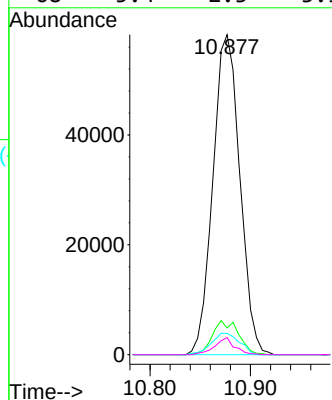
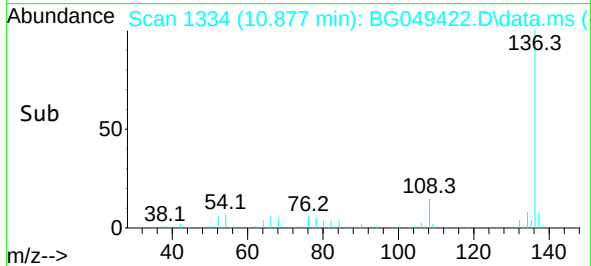


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1334
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

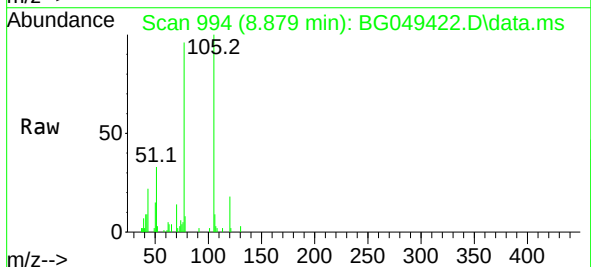
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021



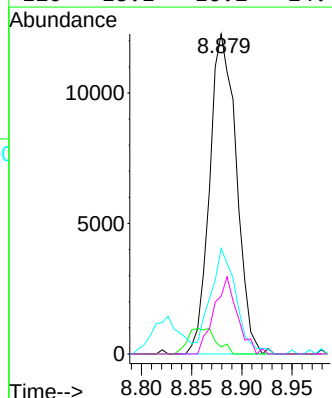
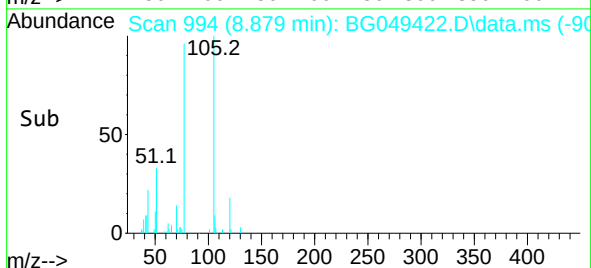
Tgt Ion:136 Resp: 108462
Ion Ratio Lower Upper
136 100
137 8.4 8.2 12.2
54 6.6 5.5 8.3
68 5.4 2.3 3.5#

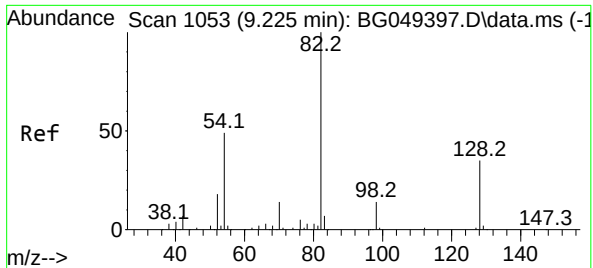


#22
Acetophenone
Concen: 7.805 ng
RT: 8.879 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24



Tgt Ion:105 Resp: 22668
Ion Ratio Lower Upper
105 100
71 2.2 0.6 0.8#
51 33.0 26.6 40.0
120 18.1 16.2 24.4

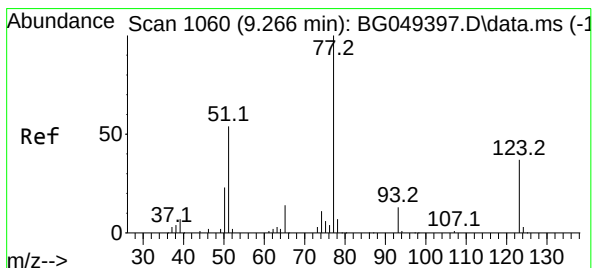
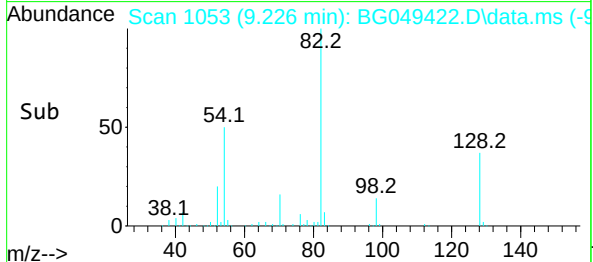
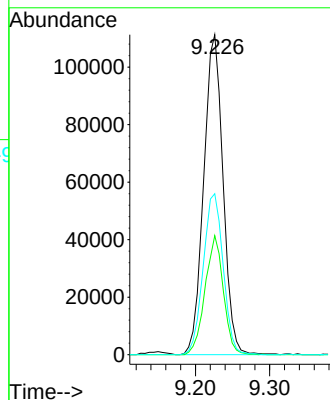
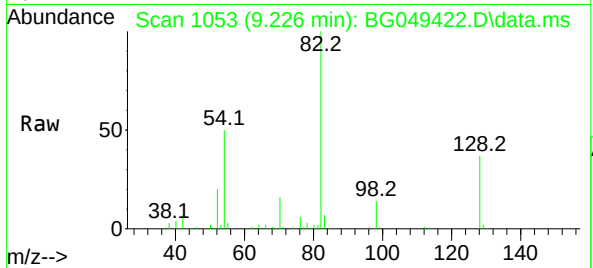




#23
Nitrobenzene-d5
Concen: 83.435 ng
RT: 9.226 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

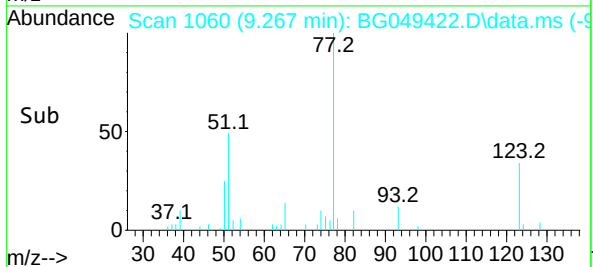
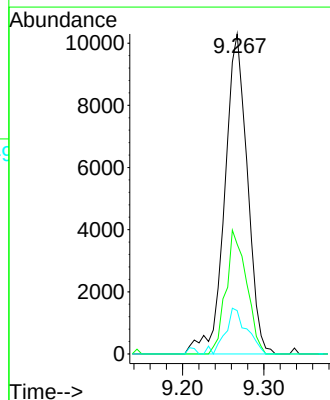
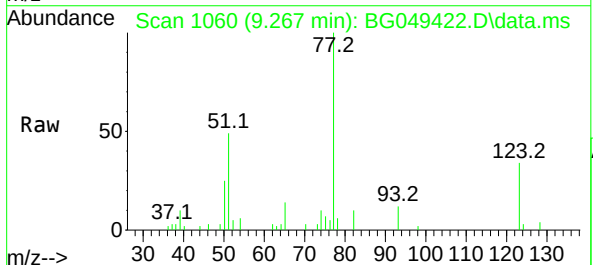
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

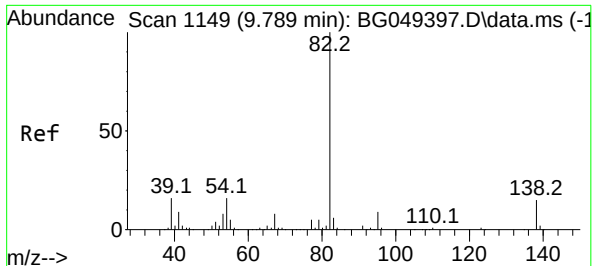
Tgt Ion: 82 Resp: 201979
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 50.3 45.8 68.8



#24
Nitrobenzene
Concen: 7.817 ng
RT: 9.267 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 77 Resp: 19874
Ion Ratio Lower Upper
77 100
123 34.3 27.5 41.3
65 13.6 12.6 18.8

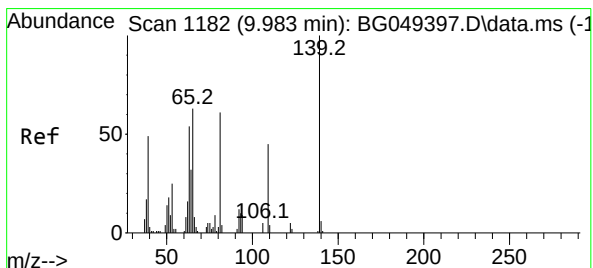
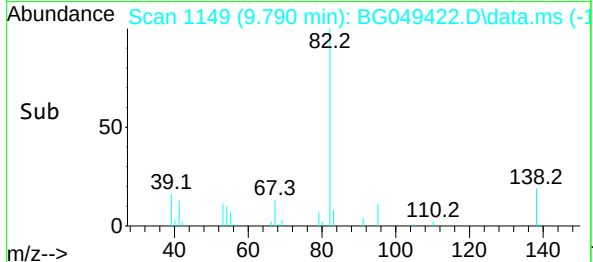
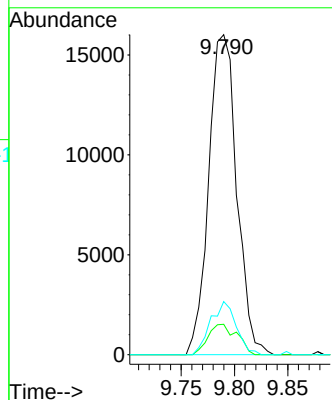
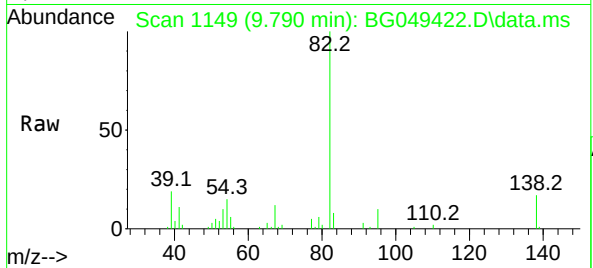




#25
Isophorone
Concen: 6.822 ng
RT: 9.790 min Scan# 1149
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

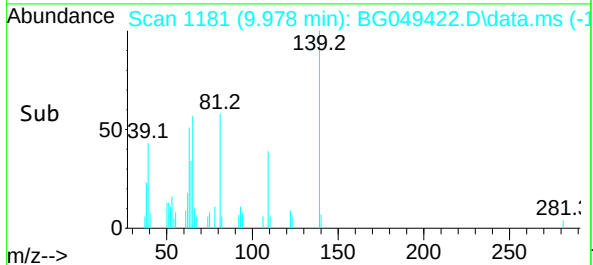
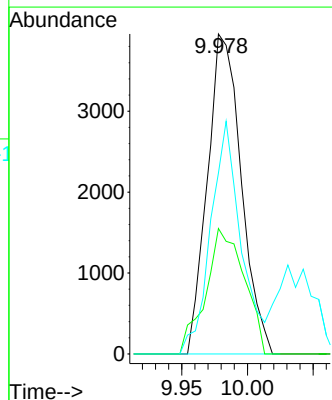
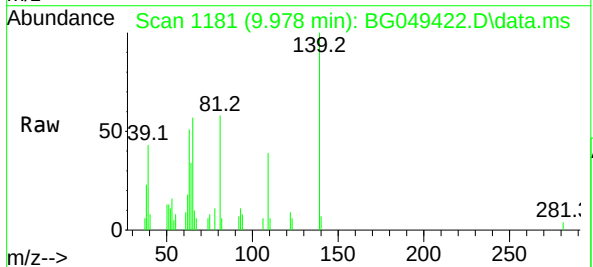
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

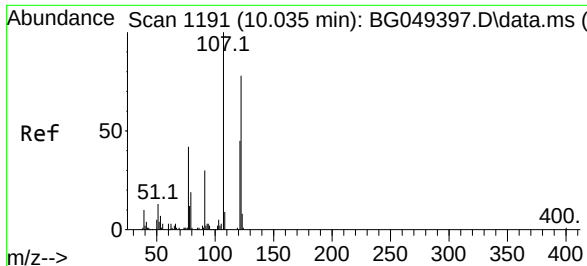
Tgt Ion:	82	Resp:	29261
Ion	Ratio	Lower	Upper
82	100		
95	9.5	8.5	12.7
138	16.6	11.8	17.6



#26
2-Nitrophenol
Concen: 7.669 ng
RT: 9.978 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	139	Resp:	7078
Ion	Ratio	Lower	Upper
139	100		
109	39.2	37.8	56.6
65	56.5	51.8	77.8

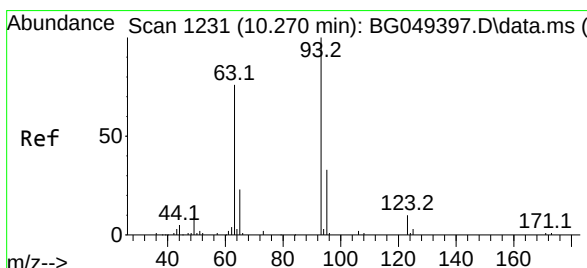
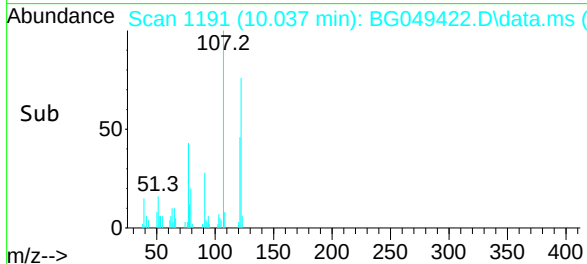
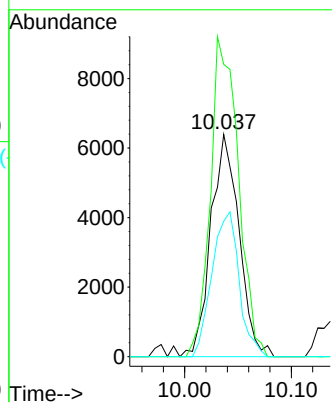
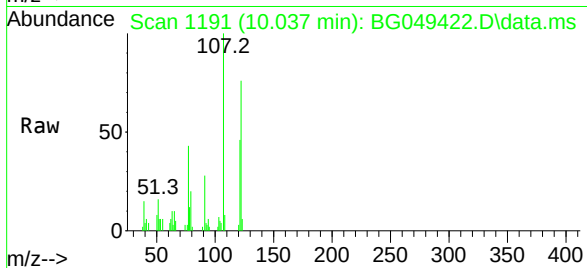




#27
2,4-Dimethylphenol
Concen: 7.956 ng
RT: 10.037 min Scan# 1191
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

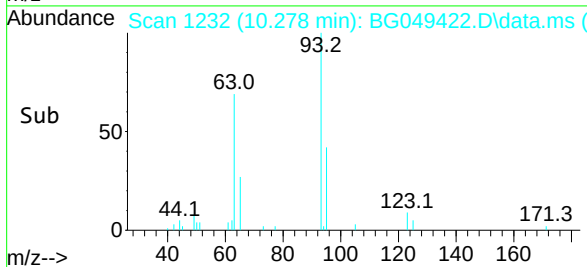
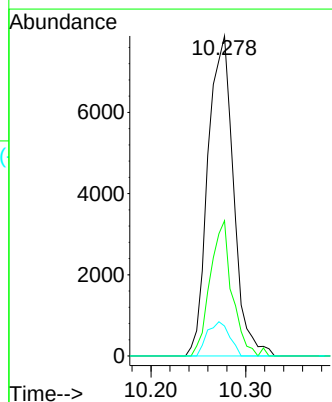
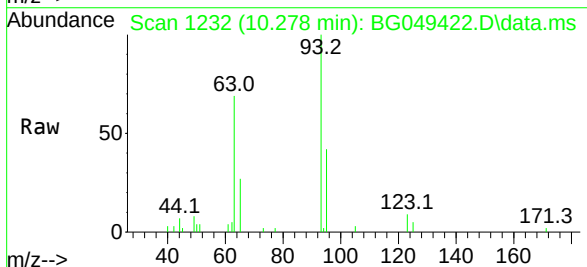
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

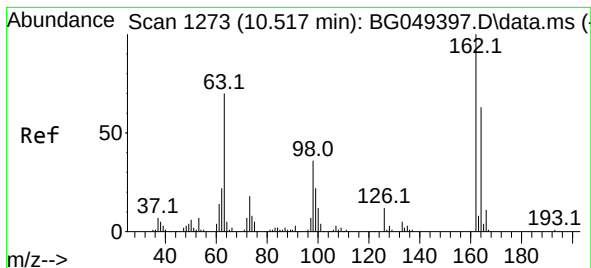
Tgt Ion:122 Resp: 11738
Ion Ratio Lower Upper
122 100
107 131.5 110.1 165.1
121 60.9 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 7.718 ng
RT: 10.278 min Scan# 1232
Delta R.T. 0.007 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 93 Resp: 14769
Ion Ratio Lower Upper
93 100
95 42.3 22.2 33.4#
123 9.3 8.8 13.2

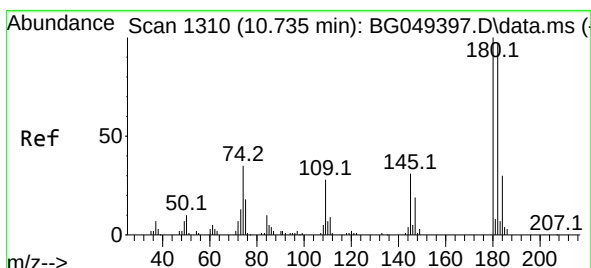
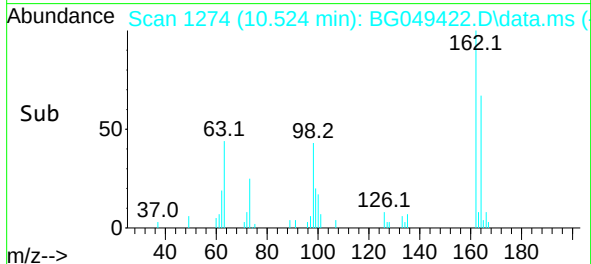
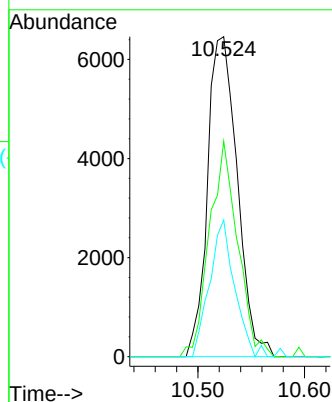
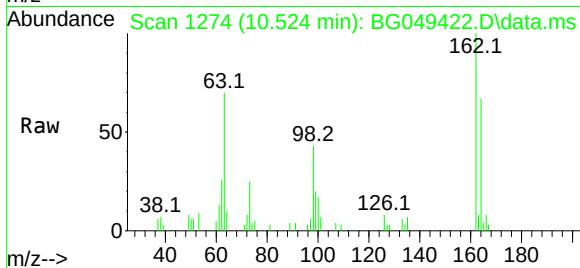




#29
2,4-Dichlorophenol
Concen: 7.318 ng
RT: 10.524 min Scan# 1274
Delta R.T. 0.007 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

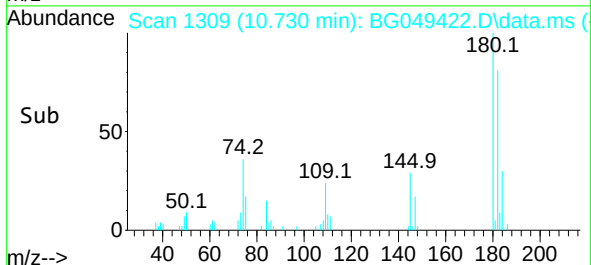
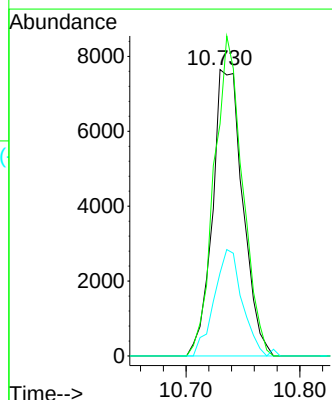
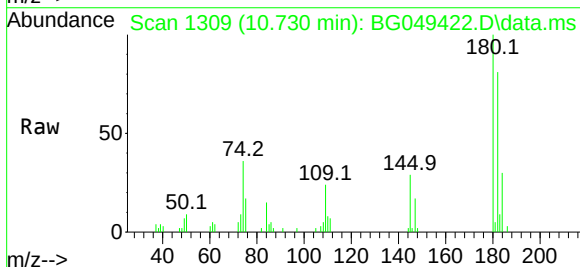
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

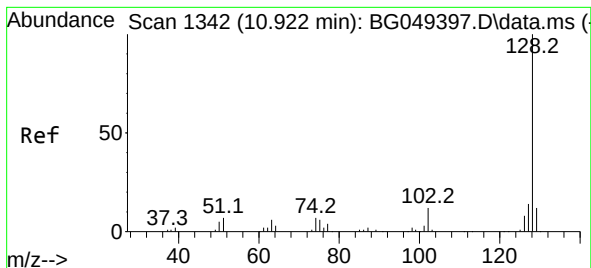
Tgt Ion:162 Resp: 12520
Ion Ratio Lower Upper
162 100
164 67.3 39.4 79.4
98 42.7 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 7.313 ng
RT: 10.730 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:180 Resp: 14131
Ion Ratio Lower Upper
180 100
182 81.0 78.9 118.3
145 29.0 26.2 39.4

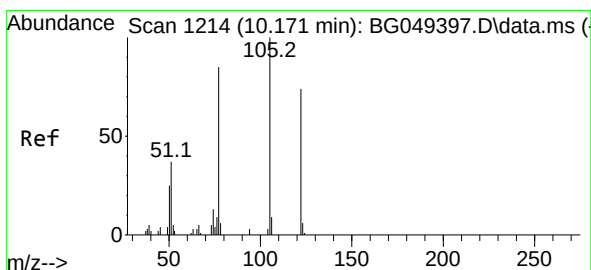
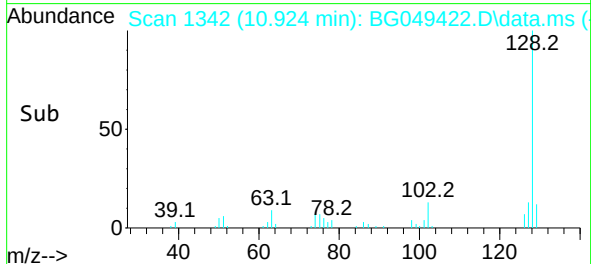
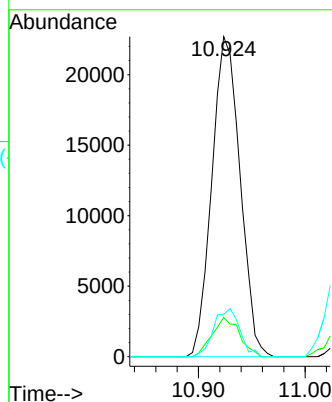
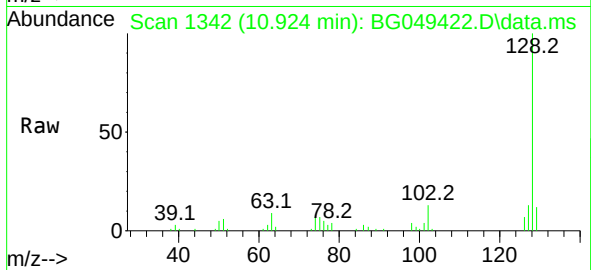




#31
Naphthalene
Concen: 7.288 ng
RT: 10.924 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

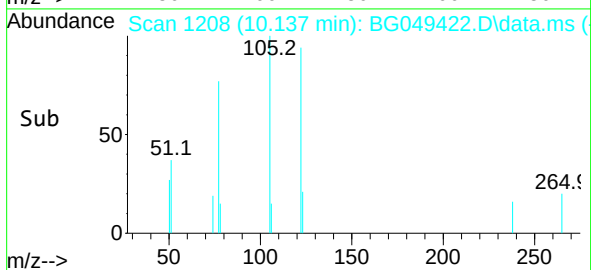
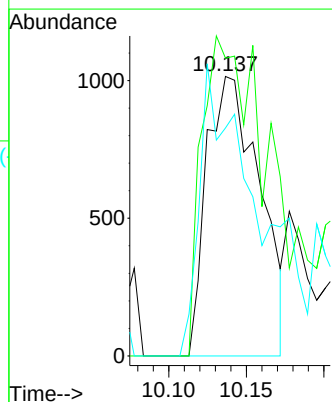
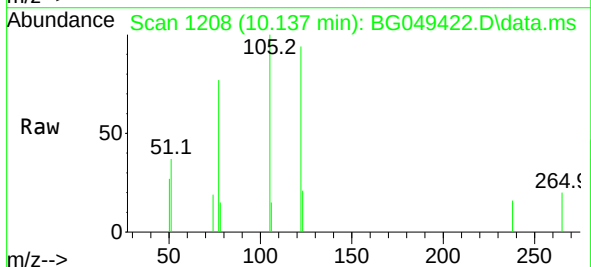
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

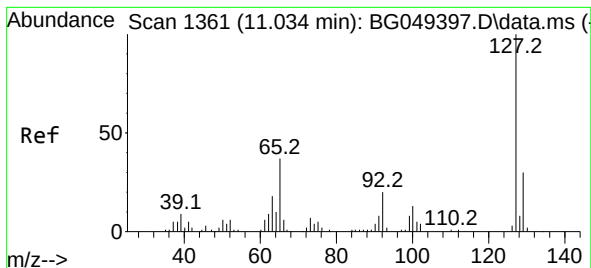
Tgt Ion:128 Resp: 41688
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 13.3 10.2 15.4



#32
Benzoic acid
Concen: 2.484 ng
RT: 10.137 min Scan# 1208
Delta R.T. -0.034 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:122 Resp: 2408
Ion Ratio Lower Upper
122 100
105 106.5 92.3 132.3
77 81.6 66.5 106.5

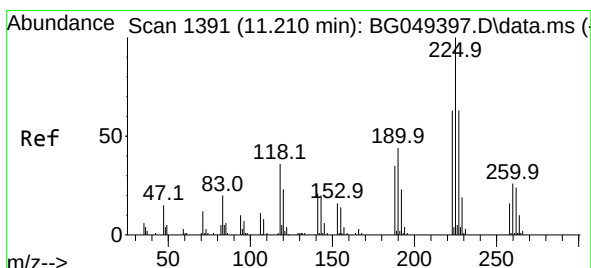
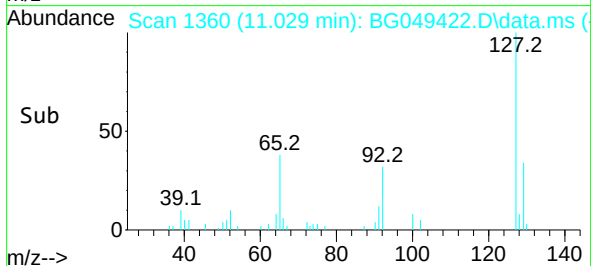
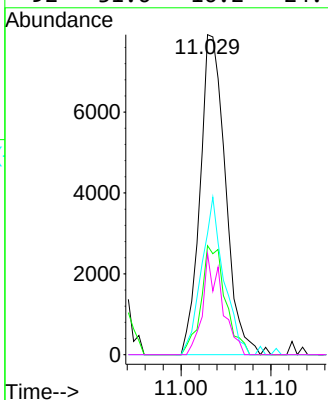
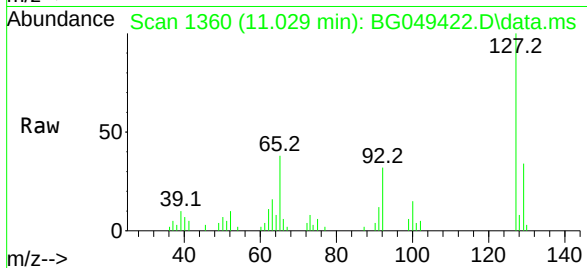




#33
4-Chloroaniline
Concen: 7.106 ng
RT: 11.029 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

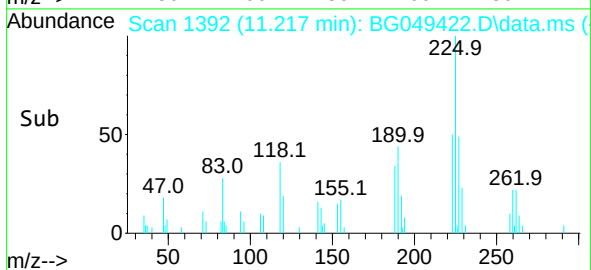
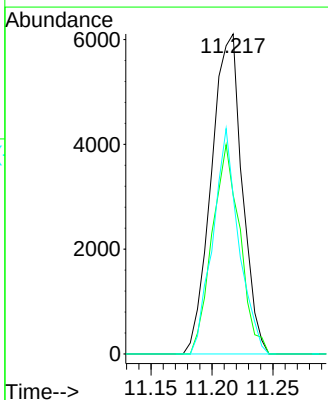
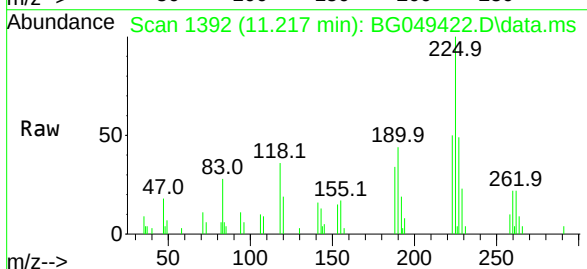
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

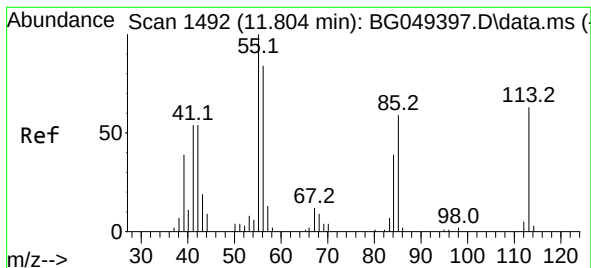
Tgt Ion:	127	Resp:	15512
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.7	40.1
65	37.9	32.8	49.2
92	31.6	16.2	24.4#



#34
Hexachlorobutadiene
Concen: 7.767 ng
RT: 11.217 min Scan# 1392
Delta R.T. 0.007 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	225	Resp:	10755
Ion Ratio	Lower	Upper	
225	100		
223	49.7	49.8	74.8#
227	49.5	46.4	69.6

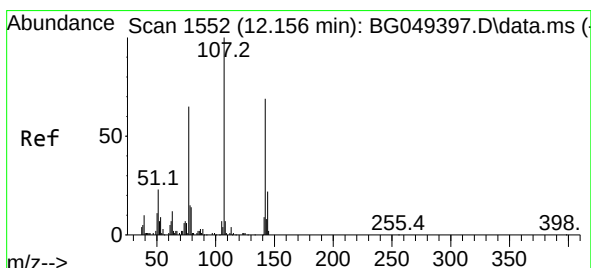
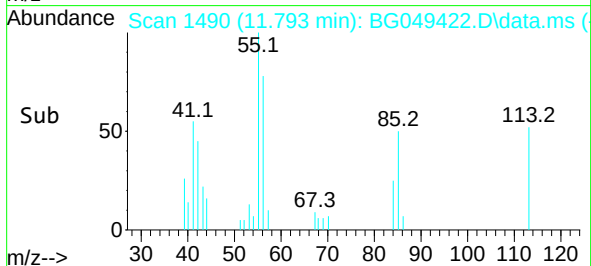
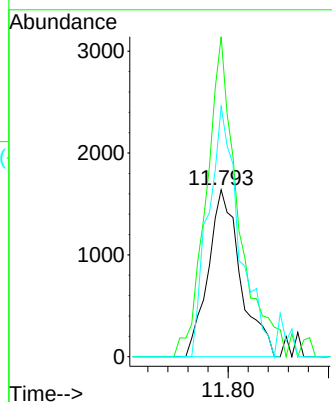
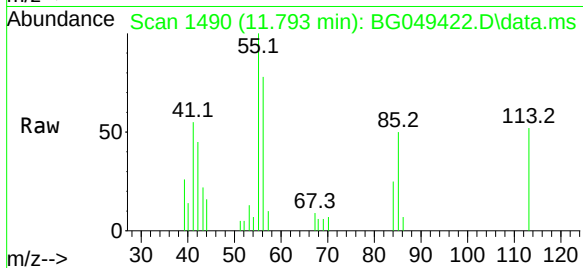




#35
Caprolactam
Concen: 6.885 ng
RT: 11.793 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

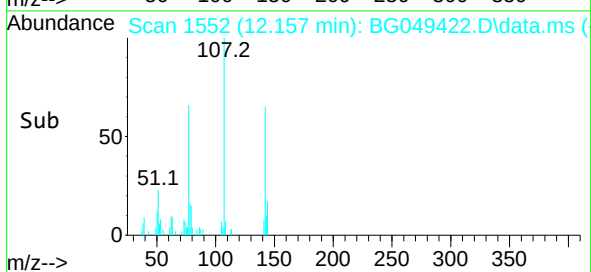
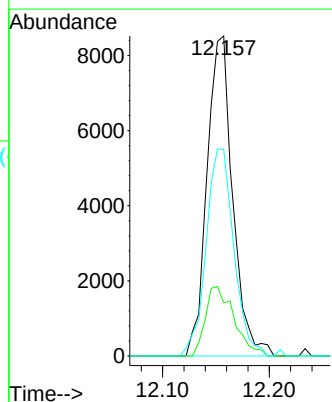
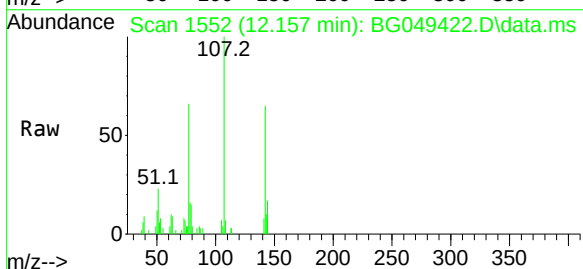
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

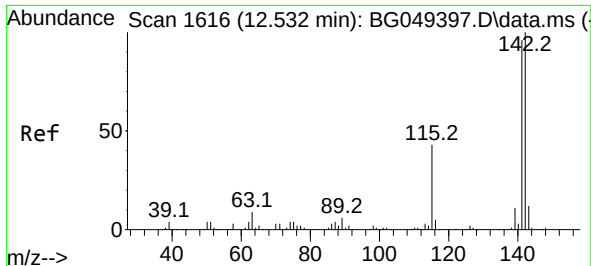
Tgt Ion:113 Resp: 3658
Ion Ratio Lower Upper
113 100
55 191.8 113.8 153.8#
56 150.0 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 7.064 ng
RT: 12.157 min Scan# 1552
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:107 Resp: 14255
Ion Ratio Lower Upper
107 100
144 16.7 24.8 37.2#
142 64.6 62.2 93.4

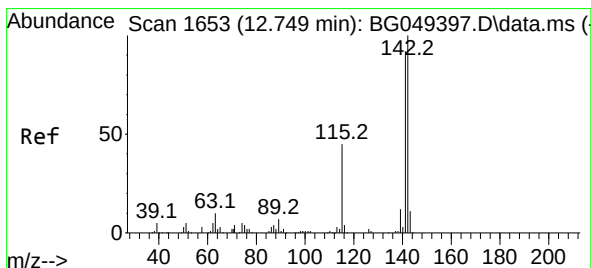
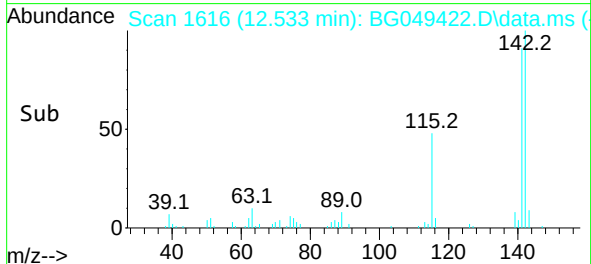
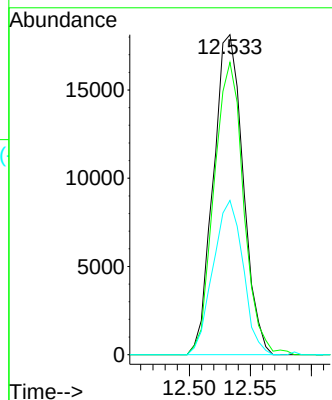
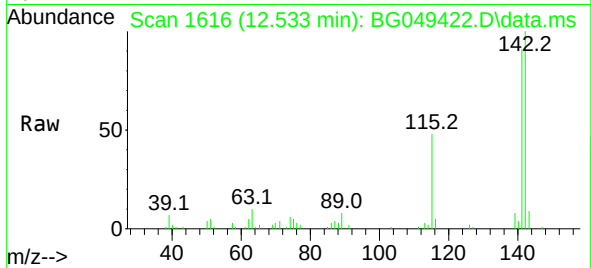




#37
2-Methylnaphthalene
Concen: 7.377 ng
RT: 12.533 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

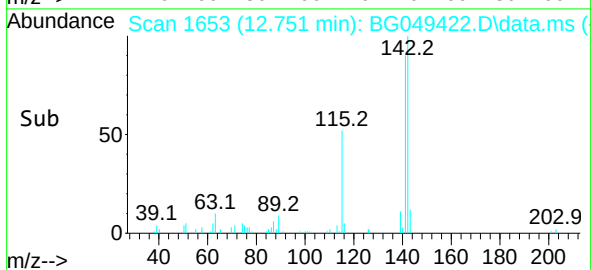
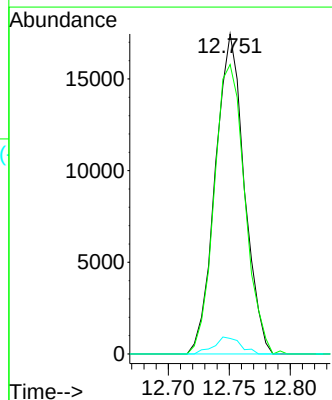
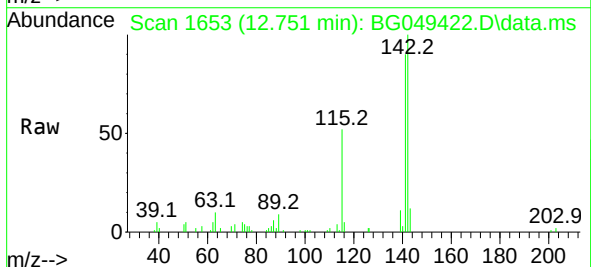
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

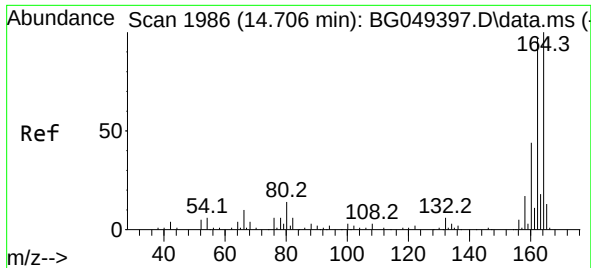
Tgt Ion:142 Resp: 30800
Ion Ratio Lower Upper
142 100
141 91.4 68.8 103.2
115 48.2 36.4 54.6



#38
1-Methylnaphthalene
Concen: 7.234 ng
RT: 12.751 min Scan# 1653
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:142 Resp: 28876
Ion Ratio Lower Upper
142 100
141 90.5 70.6 106.0
116 4.8 4.0 6.0

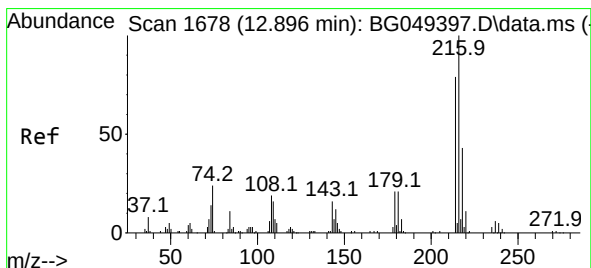
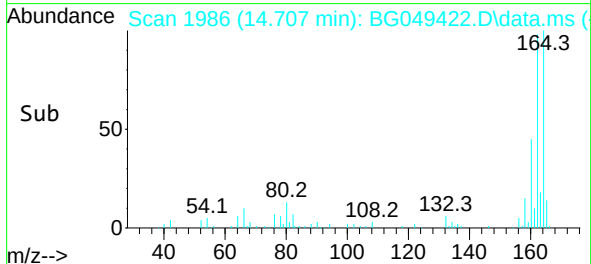
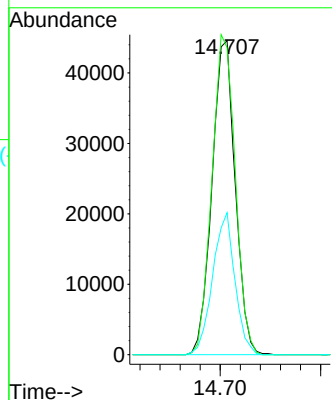
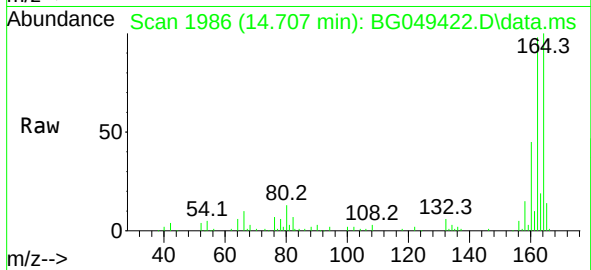




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

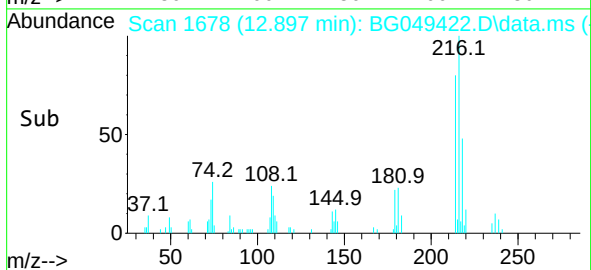
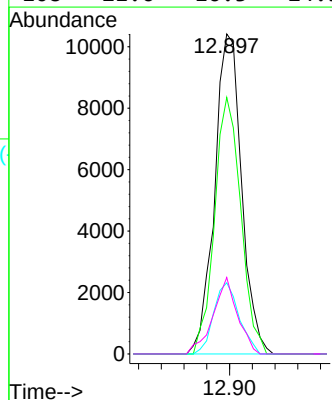
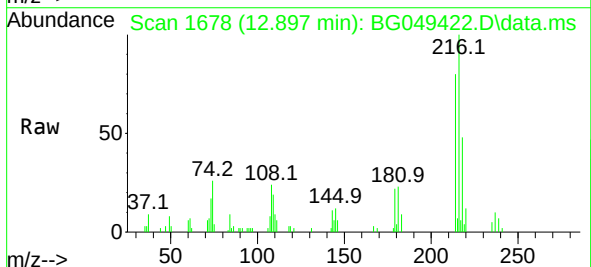
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

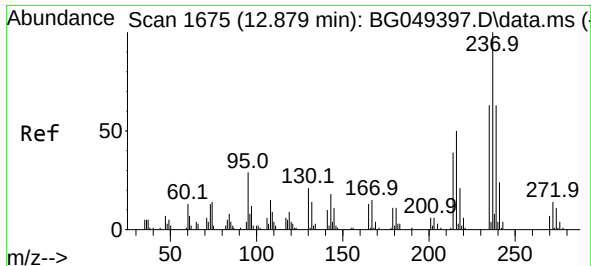
Tgt Ion:164 Resp: 71613
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 45.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.096 ng
RT: 12.897 min Scan# 1678
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:216 Resp: 17145
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 21.0 17.3 25.9
108 21.6 16.3 24.5

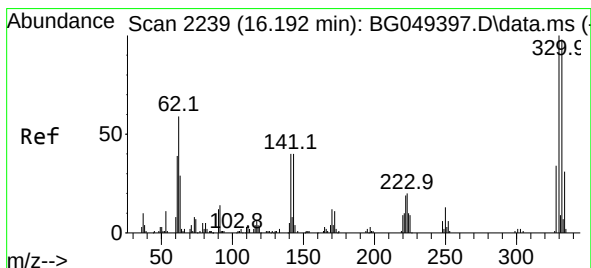
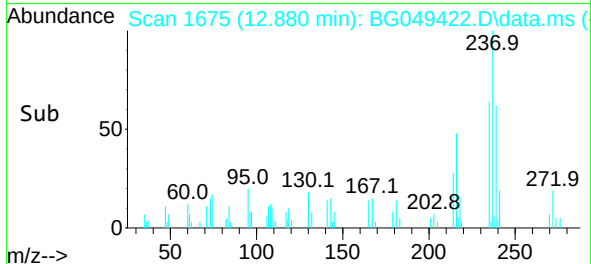
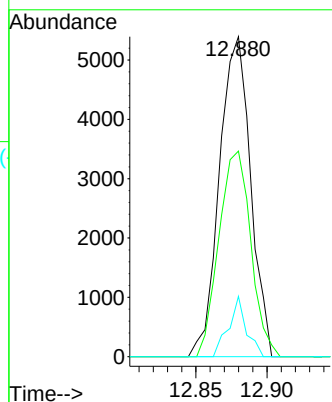
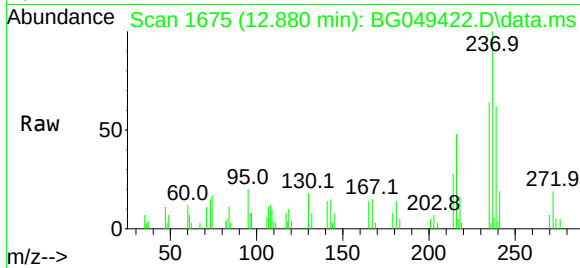




#41
Hexachlorocyclopentadiene
Concen: 8.703 ng
RT: 12.880 min Scan# 1675
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

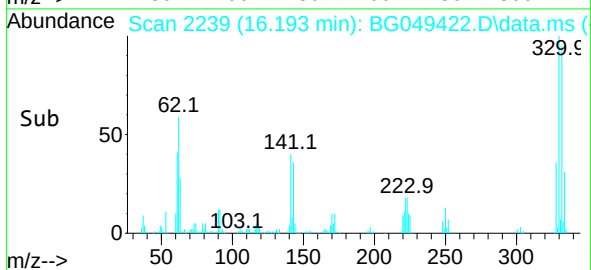
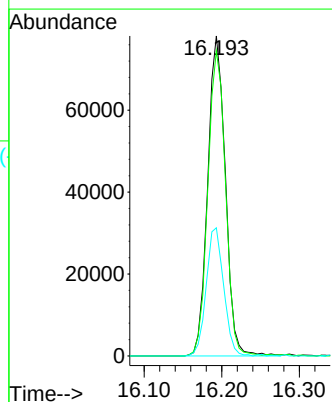
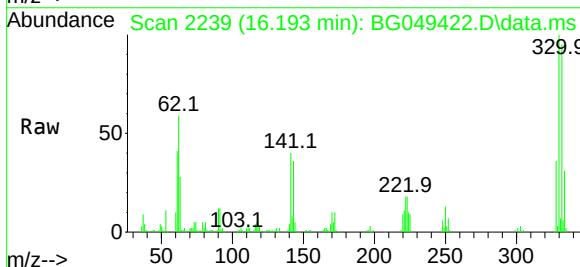
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

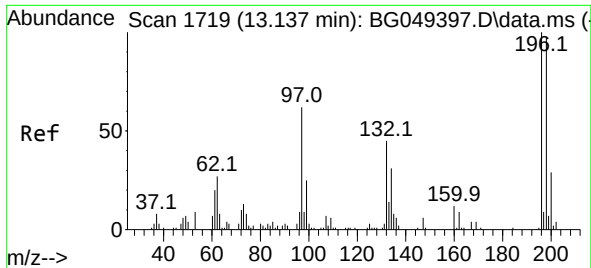
Tgt Ion:237	Resp:	8227
Ion Ratio	Lower	Upper
237	100	
235	64.3	36.6 76.6
272	18.9	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 128.726 ng
RT: 16.193 min Scan# 2239
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:330	Resp:	123452
Ion Ratio	Lower	Upper
330	100	
332	95.3	77.3 115.9
141	39.6	35.6 53.4

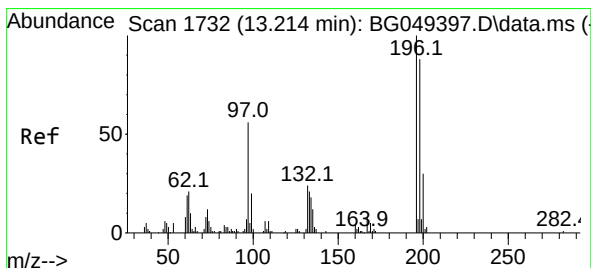
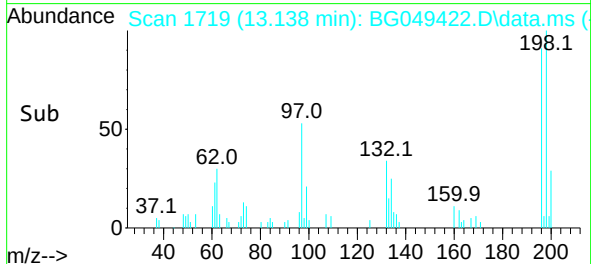
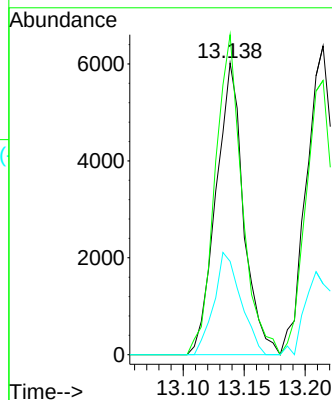
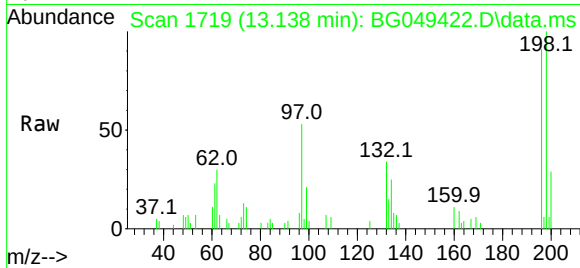




#43
2,4,6-Trichlorophenol
Concen: 6.853 ng
RT: 13.138 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

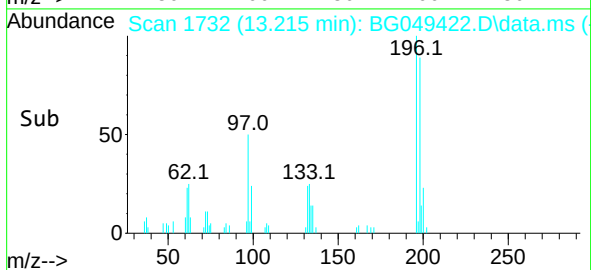
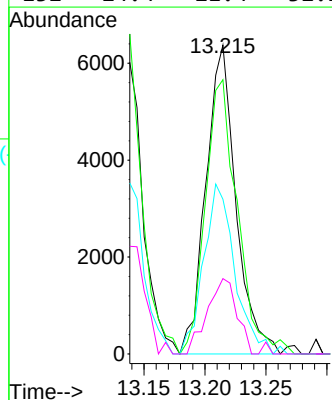
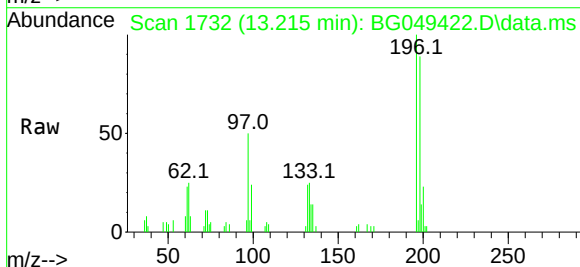
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

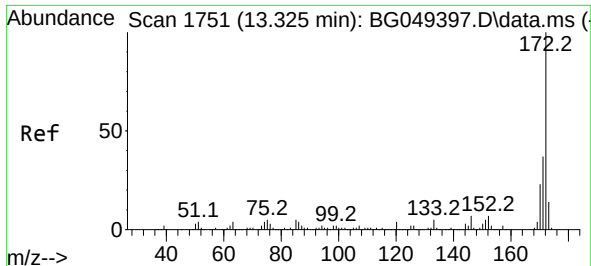
Tgt Ion:196 Resp: 9466
Ion Ratio Lower Upper
196 100
198 109.7 82.1 123.1
200 32.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 7.315 ng
RT: 13.215 min Scan# 1732
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:196 Resp: 10930
Ion Ratio Lower Upper
196 100
198 88.8 87.4 131.0
97 50.1 43.3 64.9
132 24.4 21.4 32.2

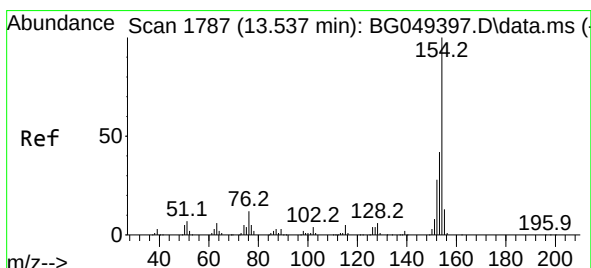
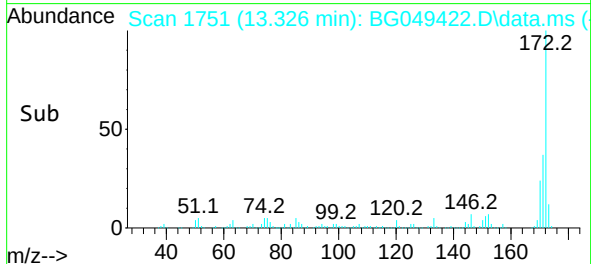
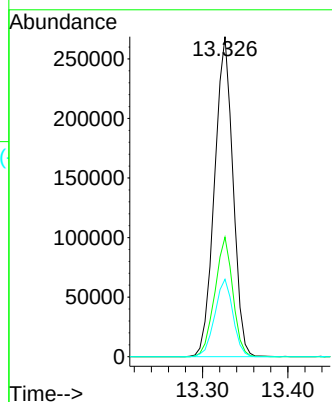
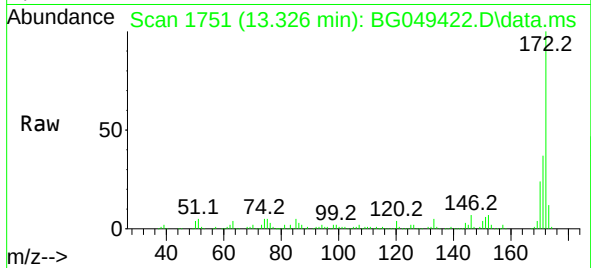




#45
2-Fluorobiphenyl
Concen: 81.036 ng
RT: 13.326 min Scan# 1751
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

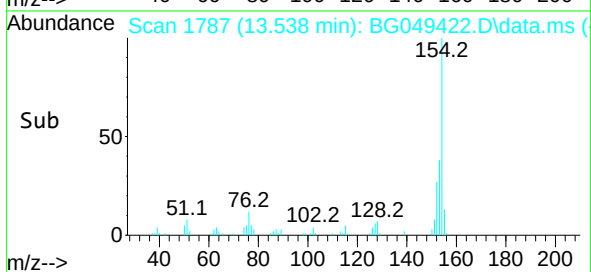
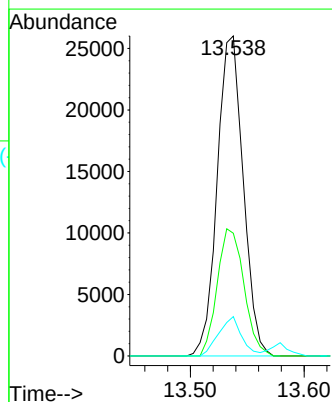
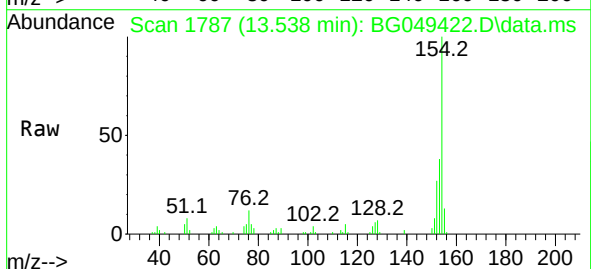
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

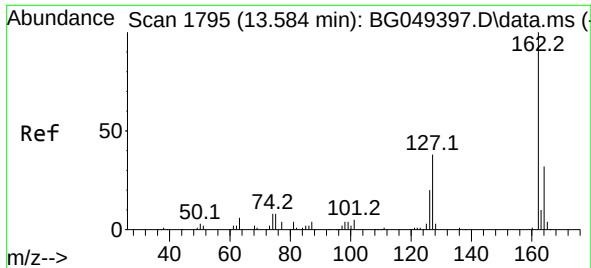
Tgt Ion:	172	Resp:	403304
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	24.2	18.6	27.8



#46
1,1'-Biphenyl
Concen: 7.864 ng
RT: 13.538 min Scan# 1787
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	154	Resp:	41286
Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.5	60.5
76	12.3	0.0	29.3

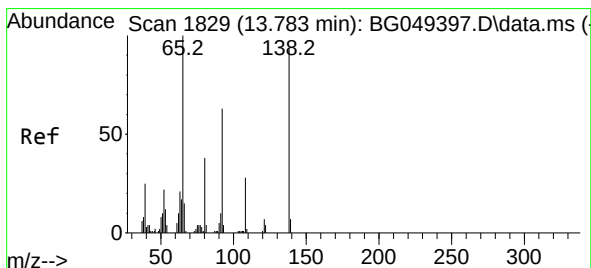
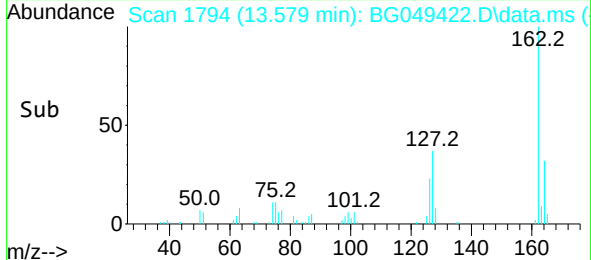
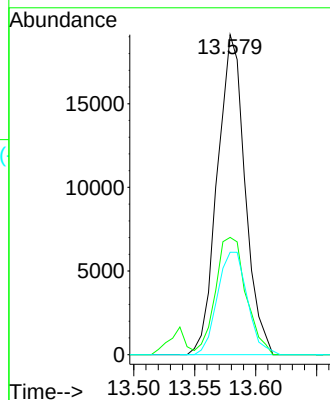
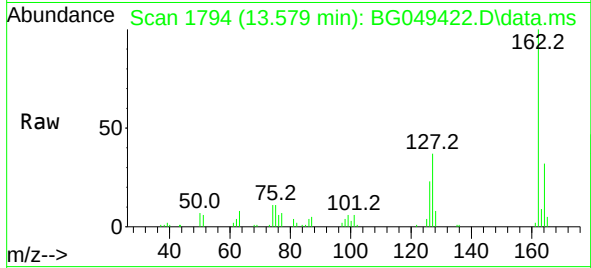




#47
2-Chloronaphthalene
Concen: 7.478 ng
RT: 13.579 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

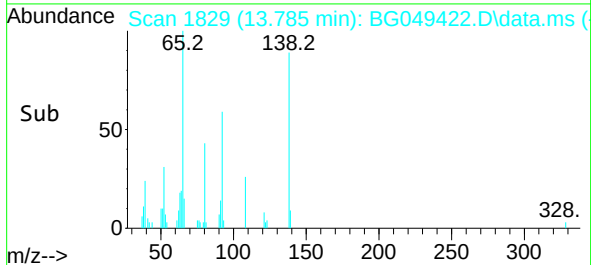
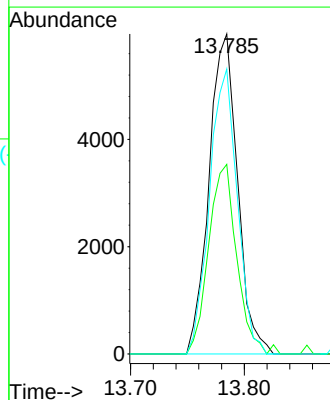
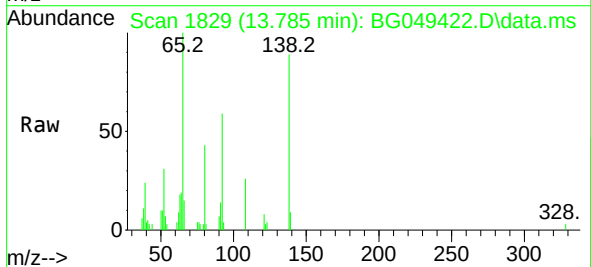
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

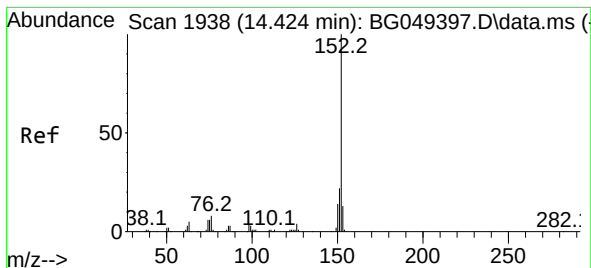
Tgt Ion:162 Resp: 30157
Ion Ratio Lower Upper
162 100
127 36.7 32.7 49.1
164 32.0 27.0 40.4



#48
2-Nitroaniline
Concen: 7.403 ng
RT: 13.785 min Scan# 1829
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion: 65 Resp: 10389
Ion Ratio Lower Upper
65 100
92 59.2 47.2 70.8
138 89.0 68.0 102.0

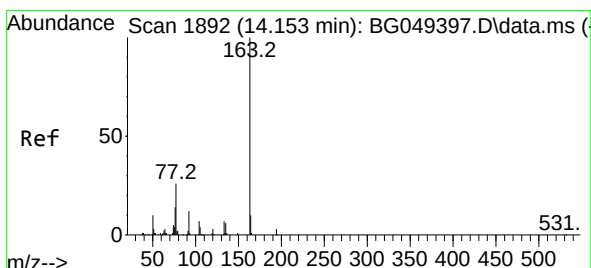
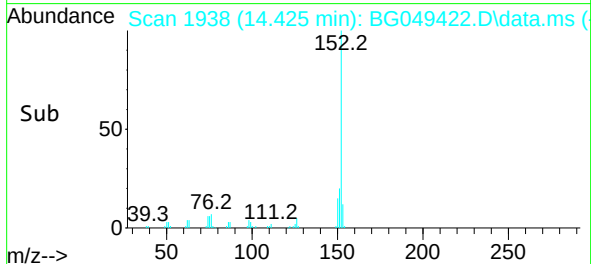
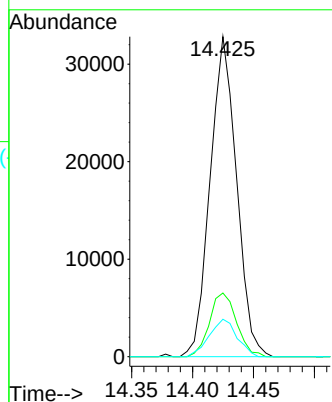
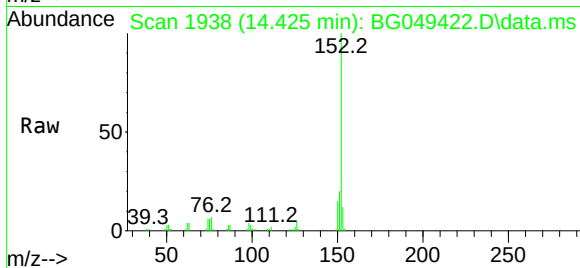




#49
Acenaphthylene
Concen: 7.563 ng
RT: 14.425 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

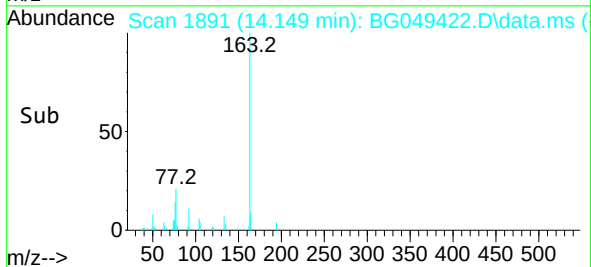
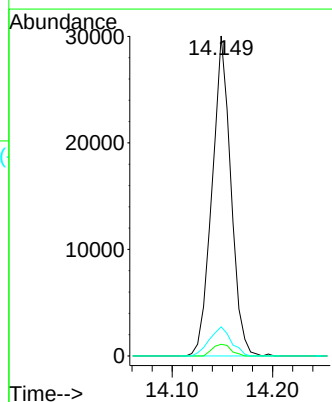
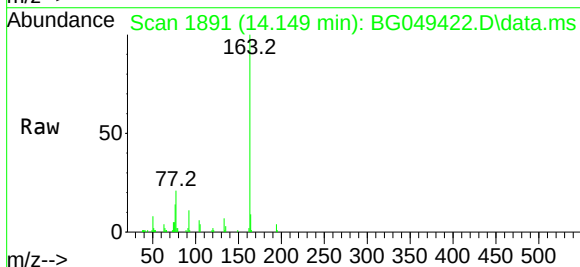
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

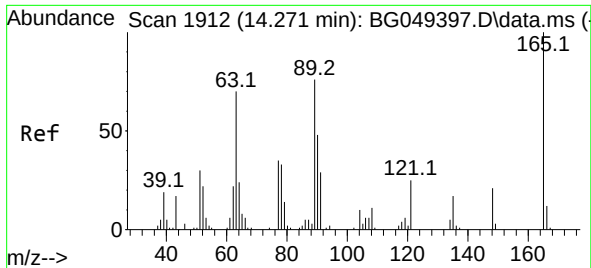
Tgt Ion:	152	Resp:	49447
Ion Ratio	Lower	Upper	
152	100		
151	19.9	18.2	27.4
153	11.7	11.7	17.5



#50
Dimethylphthalate
Concen: 7.512 ng
RT: 14.149 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	163	Resp:	39080
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.6
164	9.1	8.6	12.8

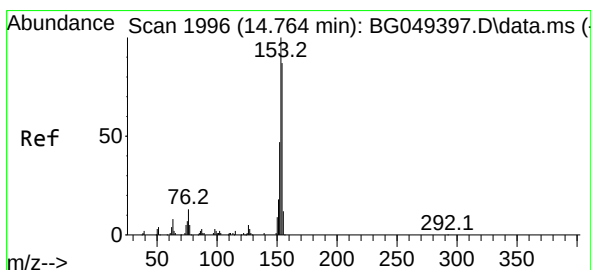
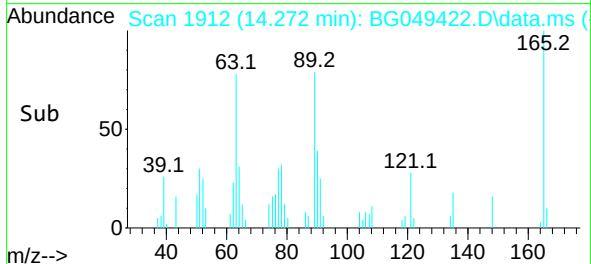
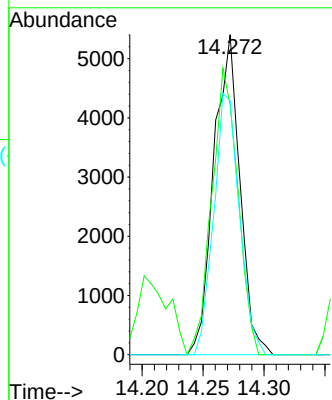
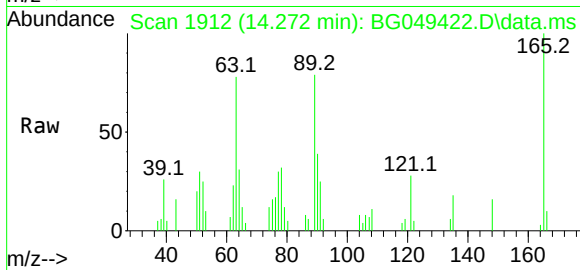




#51
2,6-Dinitrotoluene
Concen: 7.122 ng
RT: 14.272 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

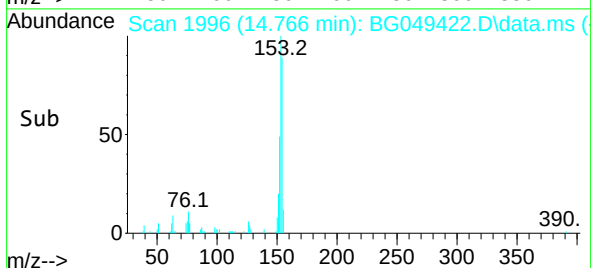
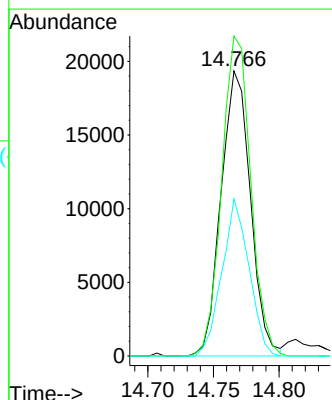
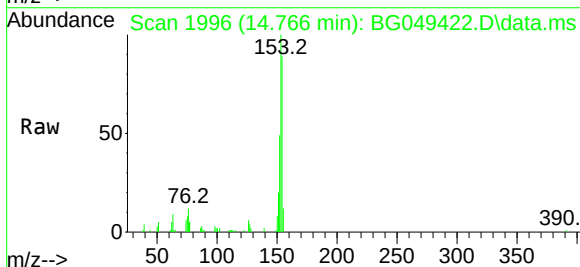
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

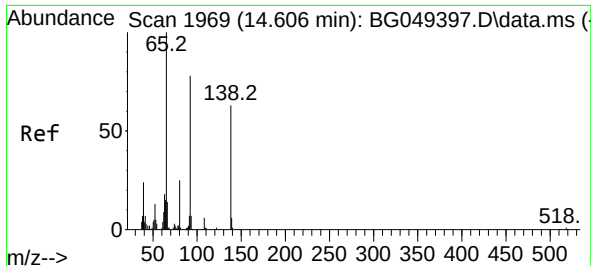
Tgt Ion:165 Resp: 8045
Ion Ratio Lower Upper
165 100
63 78.0 63.3 94.9
89 79.3 63.4 95.0



#52
Acenaphthene
Concen: 7.631 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:154 Resp: 30115
Ion Ratio Lower Upper
154 100
153 112.3 87.0 130.4
152 55.0 40.1 60.1

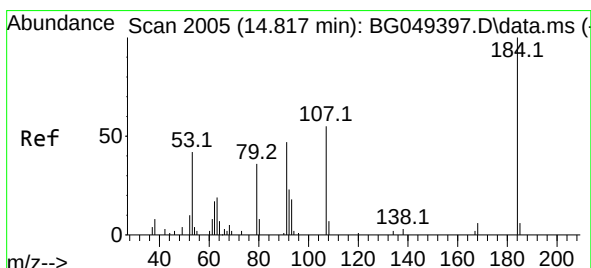
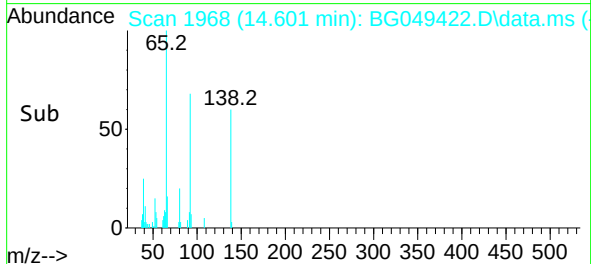
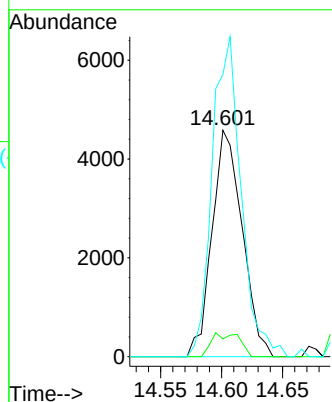
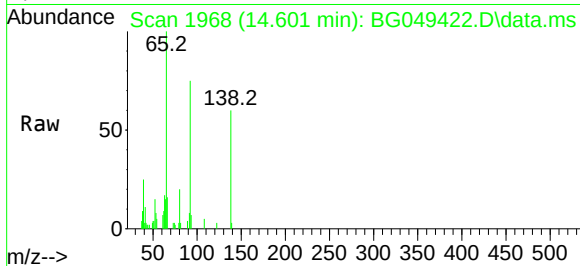




#53
3-Nitroaniline
Concen: 6.970 ng
RT: 14.601 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

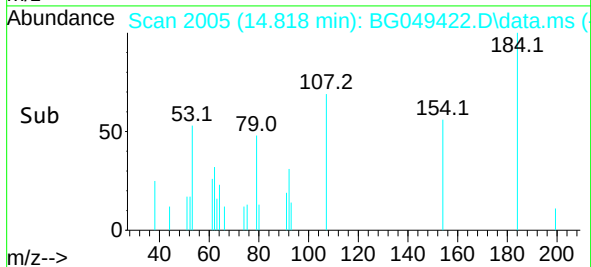
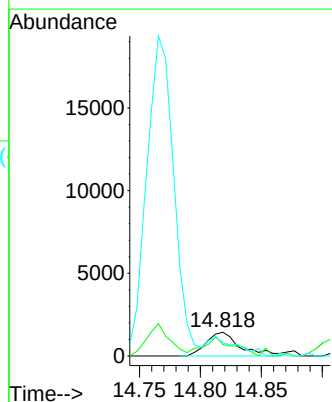
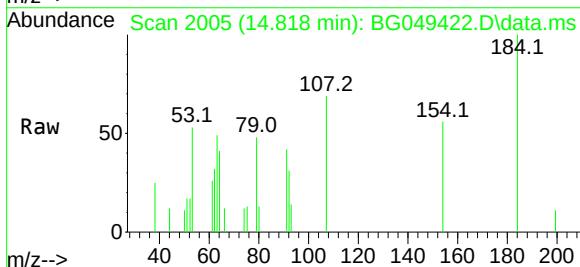
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

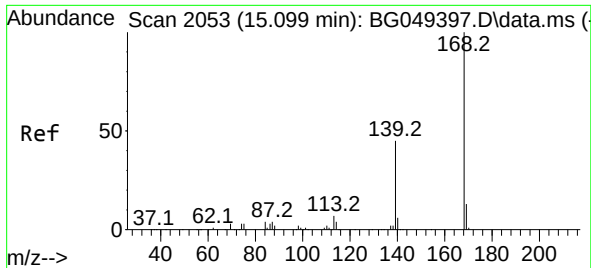
Tgt Ion:138 Resp: 7894
Ion Ratio Lower Upper
138 100
108 7.9 8.3 12.5#
92 124.7 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 5.765 ng
RT: 14.818 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:184 Resp: 2741
Ion Ratio Lower Upper
184 100
63 49.0 68.3 102.5#
154 56.2 62.6 93.8#

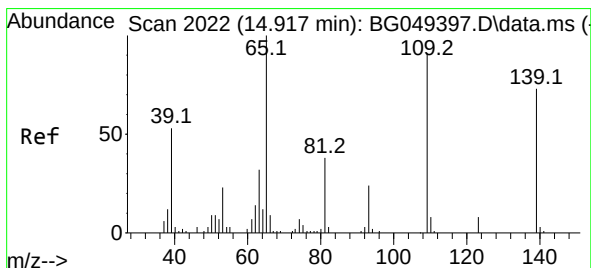
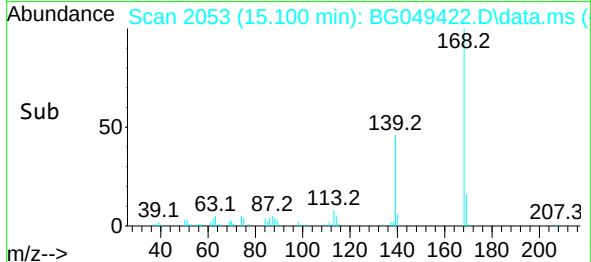
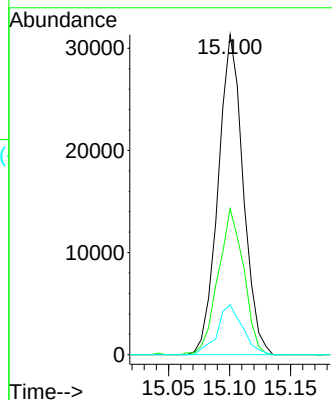
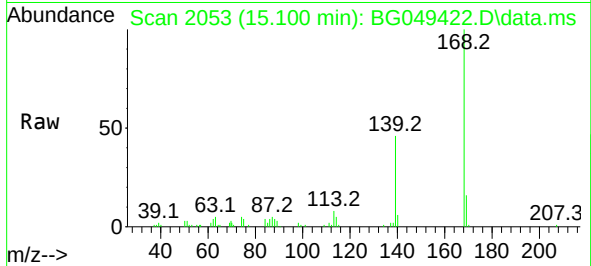




#55
Dibenzenofuran
Concen: 7.060 ng
RT: 15.100 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

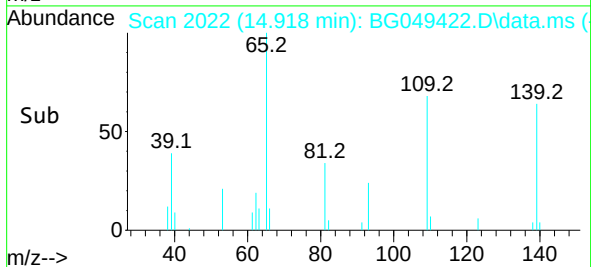
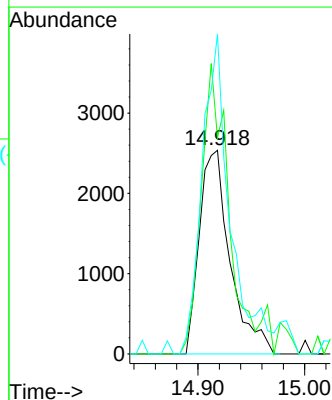
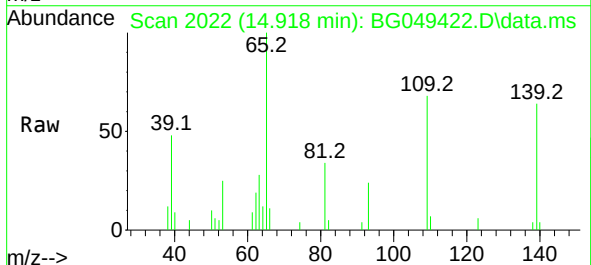
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

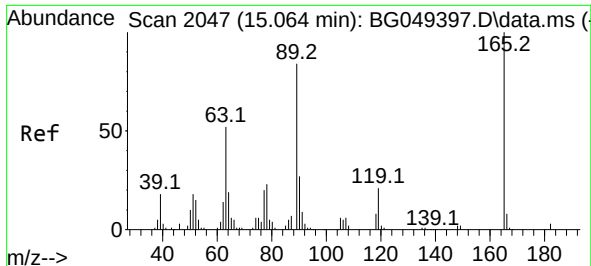
Tgt Ion:168	Resp:	44706
Ion Ratio	Lower	Upper
168	100	
139	45.6	33.4 50.2
169	15.6	12.3 18.5



#56
4-Nitrophenol
Concen: 5.692 ng
RT: 14.918 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:139	Resp:	5085
Ion Ratio	Lower	Upper
139	100	
109	106.1	116.3 156.3#
65	157.1	105.0 145.0#

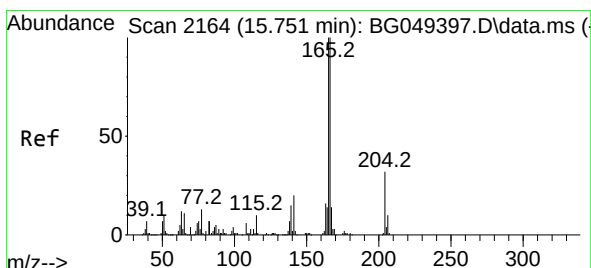
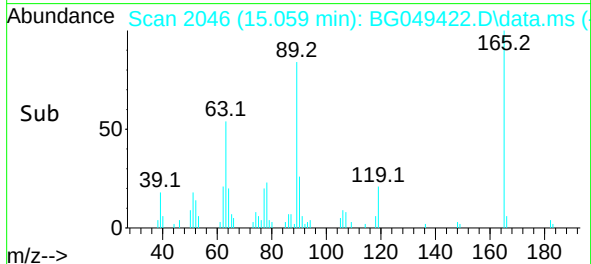
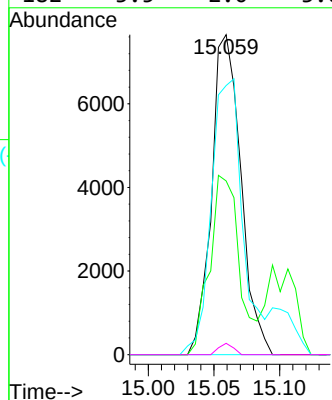
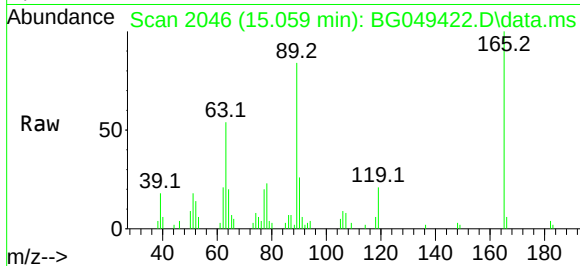




#57
2,4-Dinitrotoluene
Concen: 7.598 ng
RT: 15.059 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

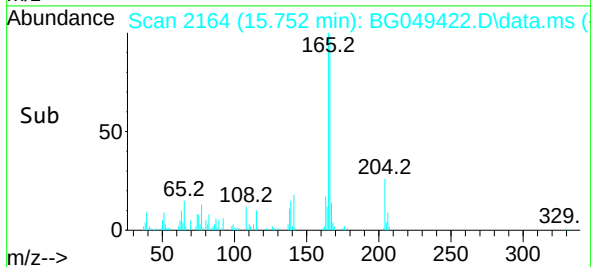
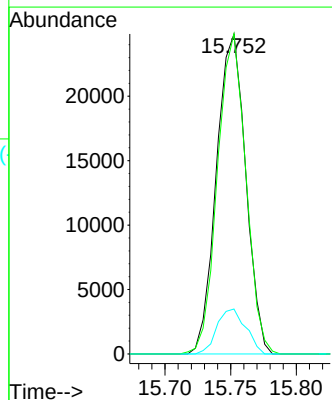
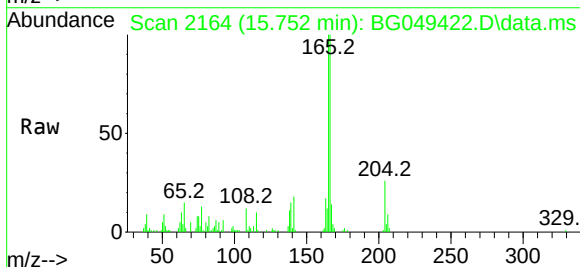
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

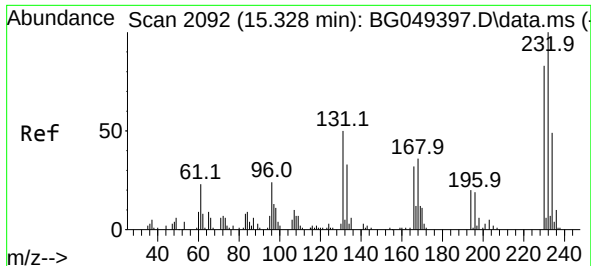
Tgt Ion:	165	Resp:	11862
Ion	Ratio	Lower	Upper
165	100		
63	54.3	48.0	72.0
89	84.1	65.4	98.0
182	3.5	2.0	3.0



#58
Fluorene
Concen: 7.497 ng
RT: 15.752 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	166	Resp:	38471
Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.7	116.5
167	14.1	10.8	16.2

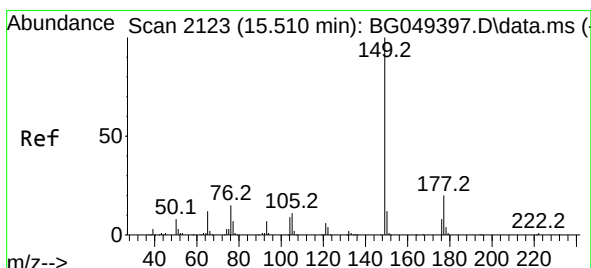
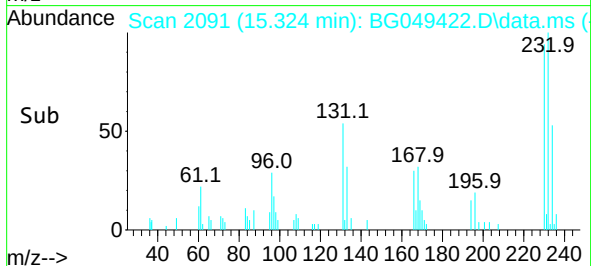
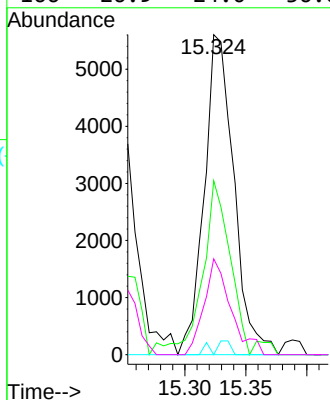
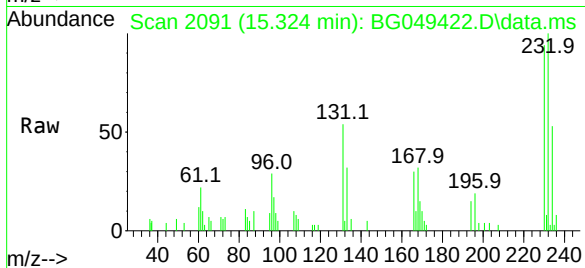




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.936 ng
RT: 15.324 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

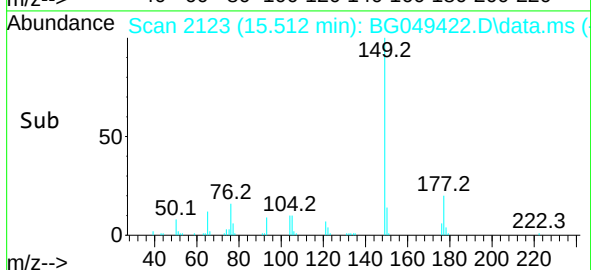
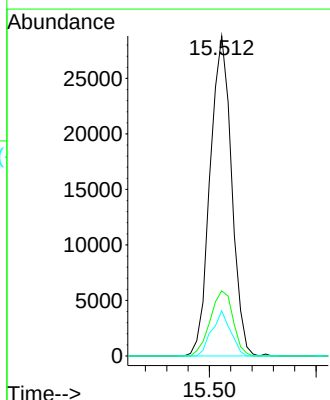
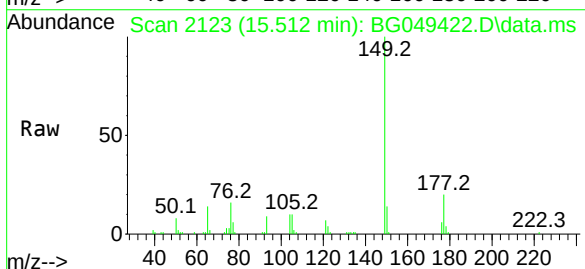
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

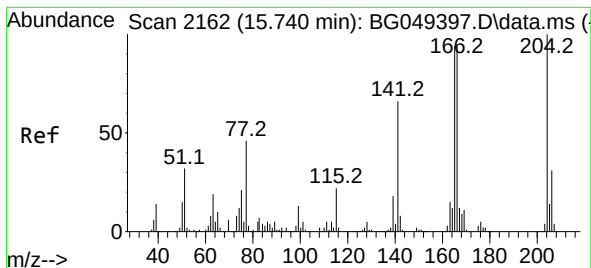
Tgt Ion:	232	Resp:	9474
Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.2	55.8
130	2.6	2.8	4.2#
166	26.9	24.0	36.0



#60
Diethylphthalate
Concen: 7.697 ng
RT: 15.512 min Scan# 2123
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	149	Resp:	40221
Ion	Ratio	Lower	Upper
149	100		
177	20.4	19.0	28.6
150	14.1	10.2	15.4

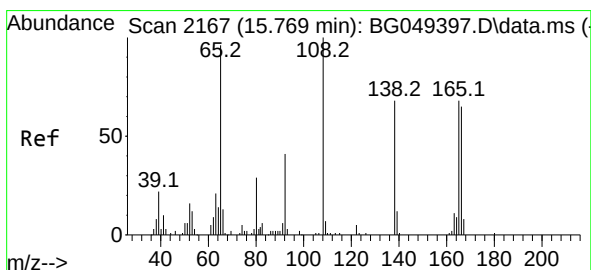
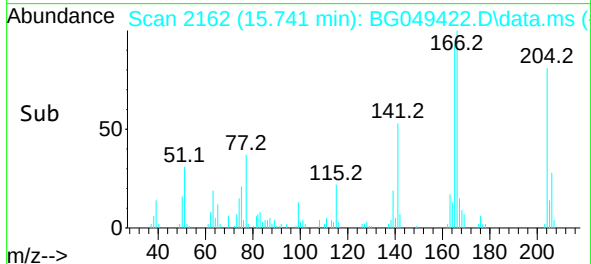
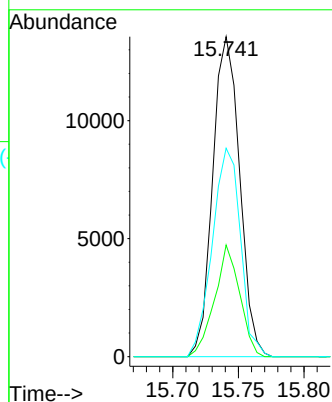
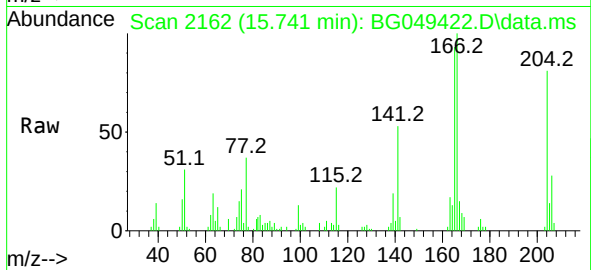




#61
4-Chlorophenyl-phenylether
Concen: 7.406 ng
RT: 15.741 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

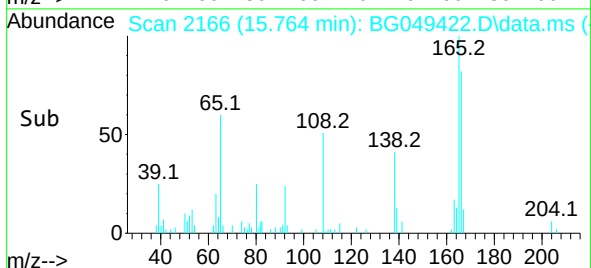
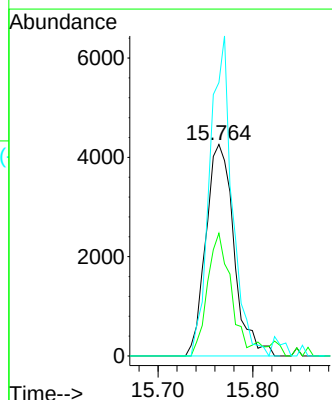
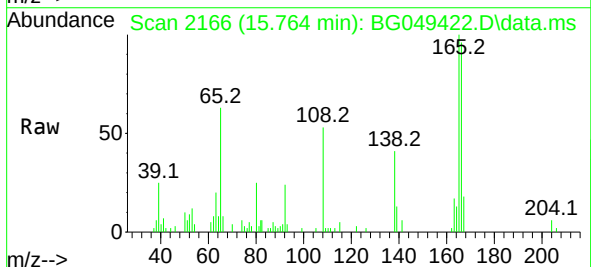
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

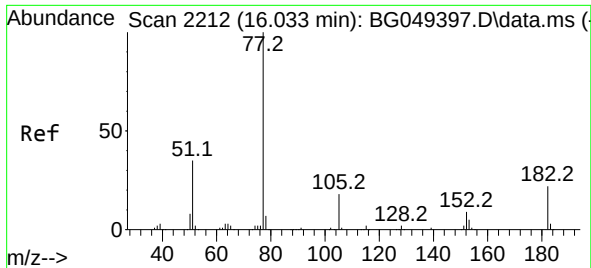
Tgt Ion:204 Resp: 19328
Ion Ratio Lower Upper
204 100
206 34.9 24.6 37.0
141 65.2 47.8 71.8



#62
4-Nitroaniline
Concen: 7.363 ng
RT: 15.764 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:138 Resp: 8777
Ion Ratio Lower Upper
138 100
92 58.0 32.3 72.3
108 129.3 132.4 172.4#

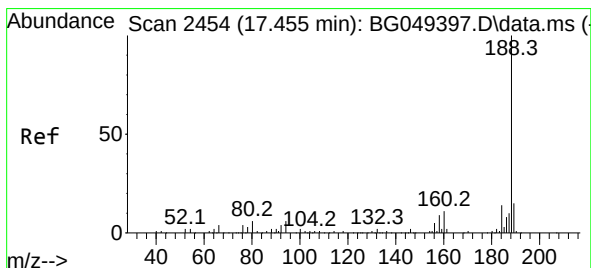
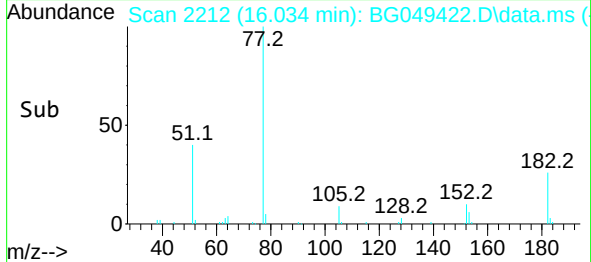
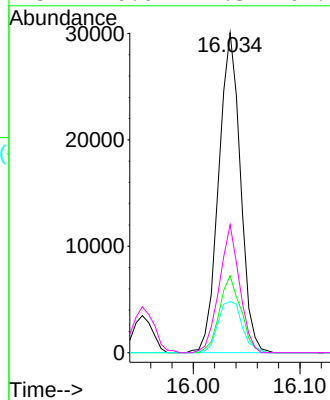
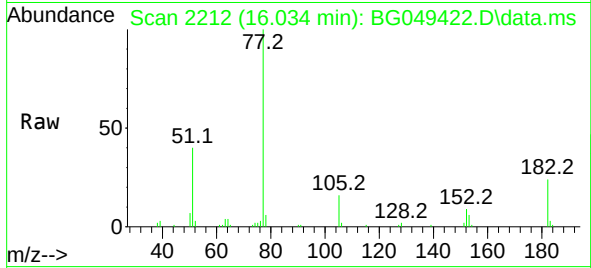




#63
Azobenzene
Concen: 7.338 ng
RT: 16.034 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

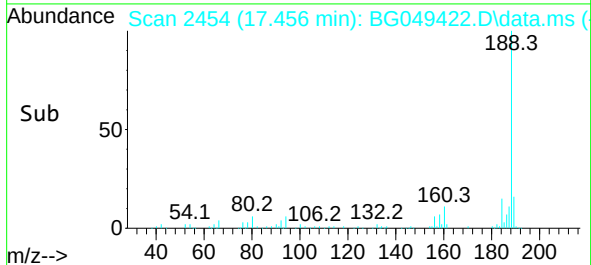
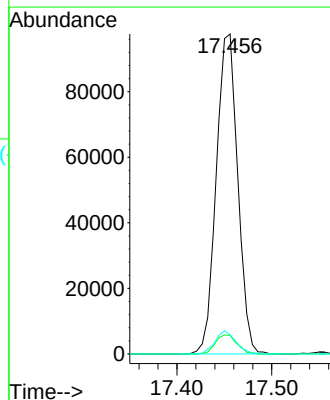
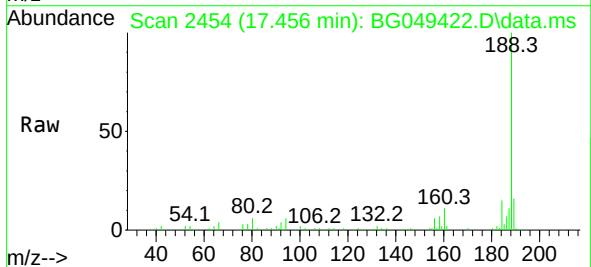
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

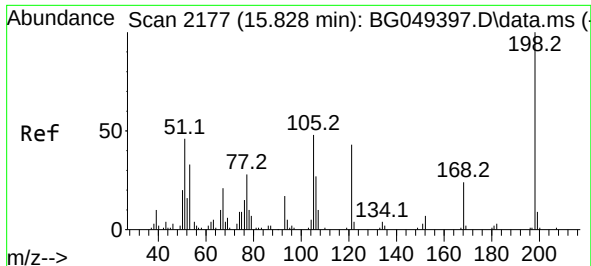
Tgt Ion: 77	Resp: 42465
Ion Ratio	Lower Upper
77 100	
182 24.1	7.9 47.9
105 15.9	0.0 37.9
51 40.0	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2454
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:188	Resp:	153651	
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.4	8.0
80	5.9	3.7	5.5#

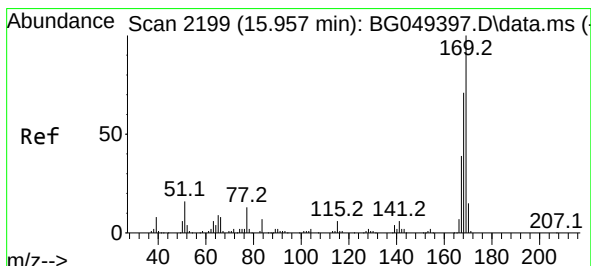
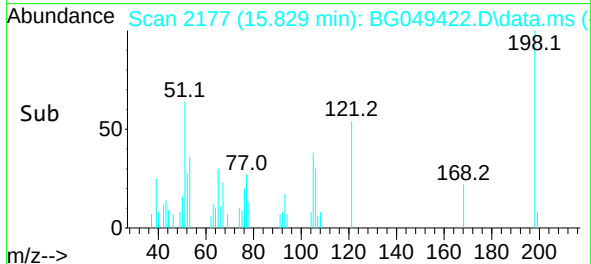
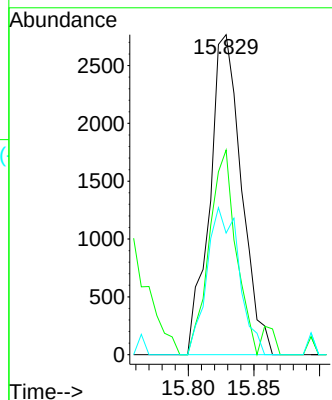
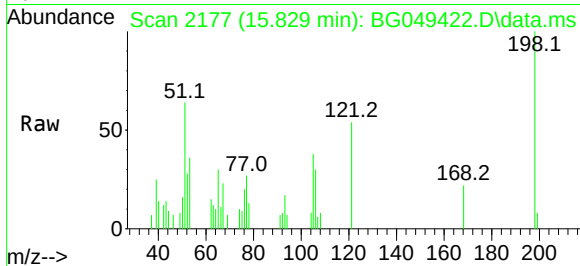




#65
4,6-Dinitro-2-methylphenol
Concen: 5.606 ng
RT: 15.829 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

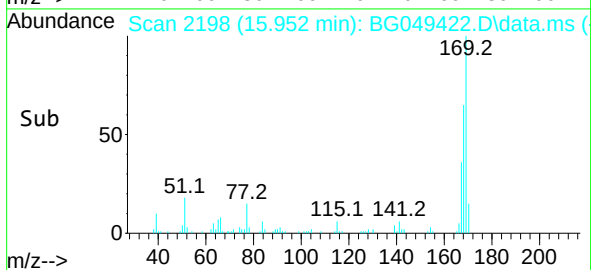
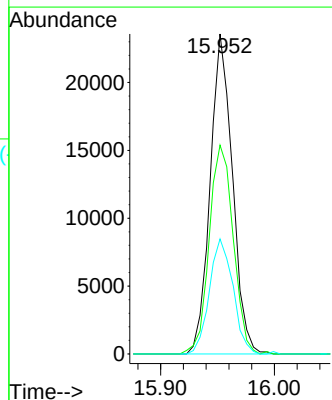
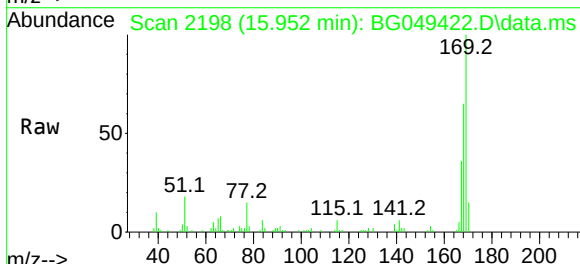
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

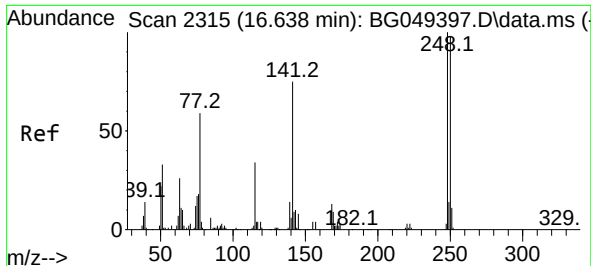
Tgt Ion:198	Resp:	4666
Ion Ratio	Lower	Upper
198	100	
51	64.0	29.4 69.4
105	38.0	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 7.258 ng
RT: 15.952 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:169	Resp:	32035
Ion Ratio	Lower	Upper
169	100	
168	65.3	56.3 84.5
167	36.0	28.4 42.6

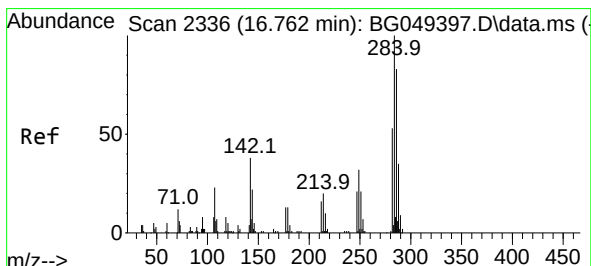
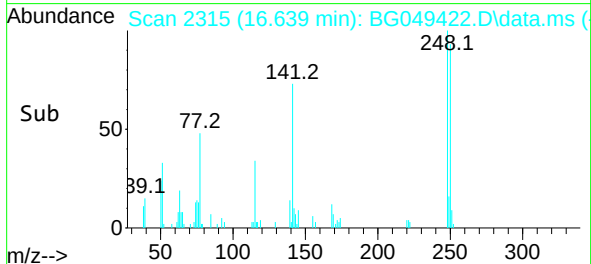
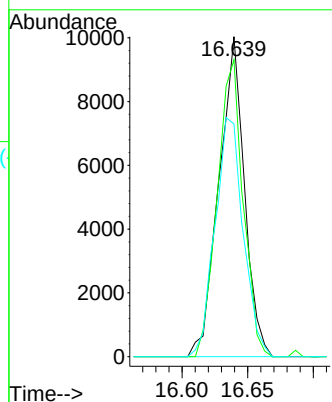
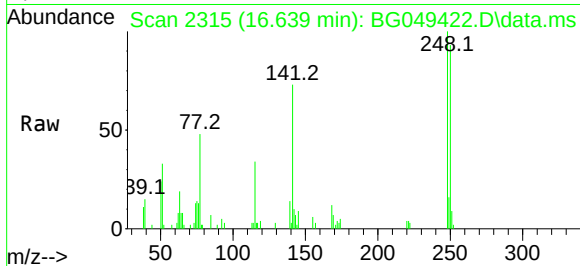




#67
4-Bromophenyl-phenylether
Concen: 7.781 ng
RT: 16.639 min Scan# 2315
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

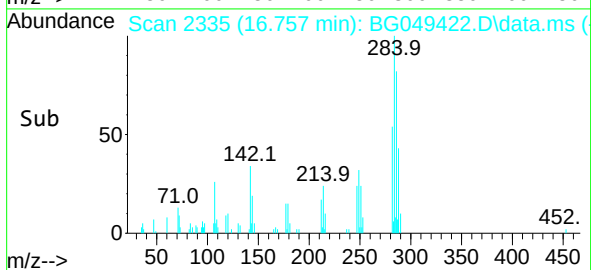
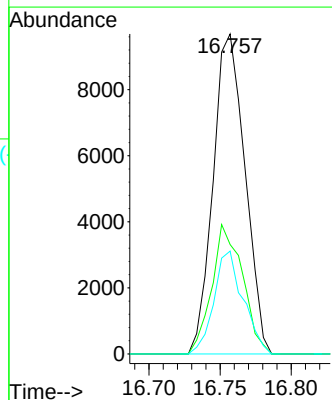
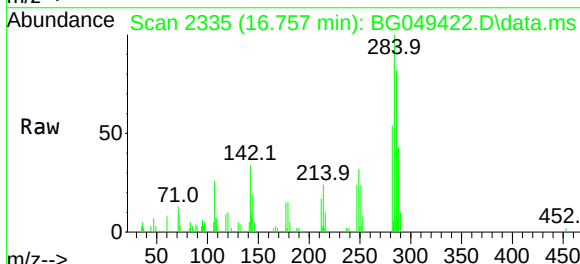
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

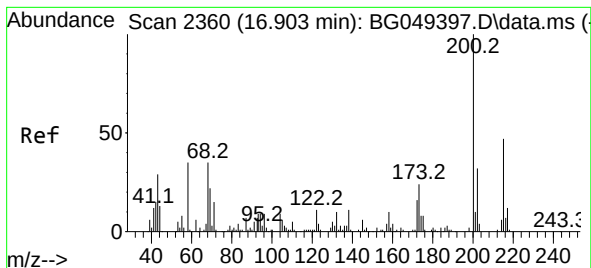
Tgt Ion:	248	Resp:	13542
Ion Ratio	Lower	Upper	
248	100		
250	92.8	76.1	114.1
141	72.7	65.4	98.2



#68
Hexachlorobenzene
Concen: 7.668 ng
RT: 16.757 min Scan# 2335
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:	284	Resp:	15111
Ion Ratio	Lower	Upper	
284	100		
142	34.2	27.0	40.6
249	32.2	28.2	42.2





#69

Atrazine

Concen: 7.508 ng

RT: 16.898 min Scan# 2359

Delta R.T. -0.005 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

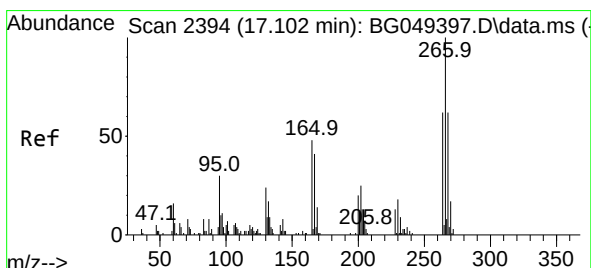
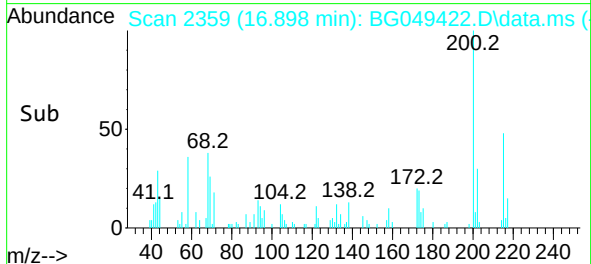
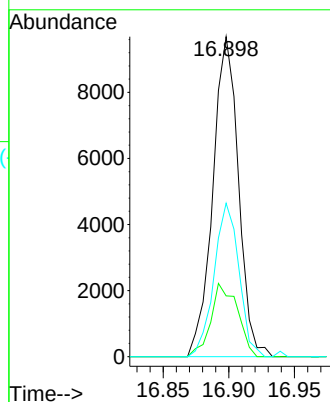
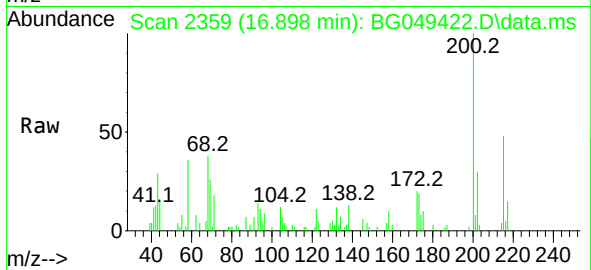
Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2021

Tgt Ion:200	Resp:	13131
Ion Ratio	Lower	Upper
200	100	
173	19.0	3.7 43.7
215	48.0	26.9 66.9



#70

Pentachlorophenol

Concen: 0.457 ng

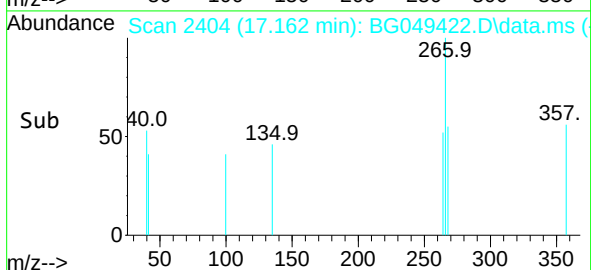
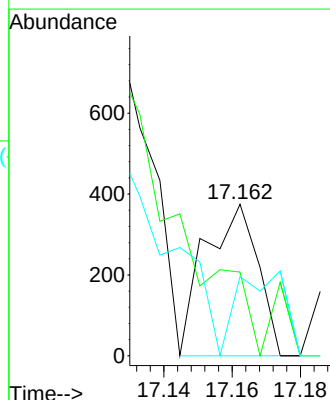
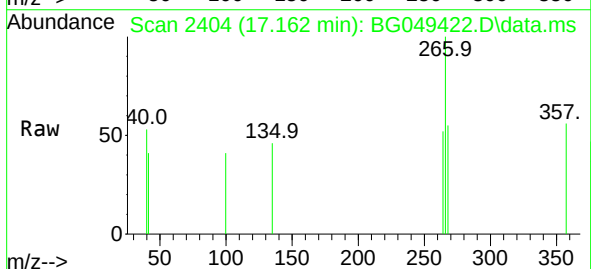
RT: 17.162 min Scan# 2404

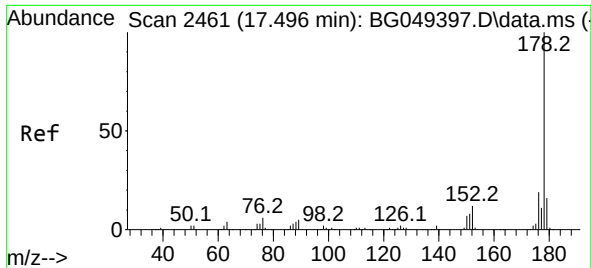
Delta R.T. 0.060 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

Tgt Ion:266	Resp:	405
Ion Ratio	Lower	Upper
266	100	
268	55.2	49.0 73.4
264	52.3	49.0 73.6

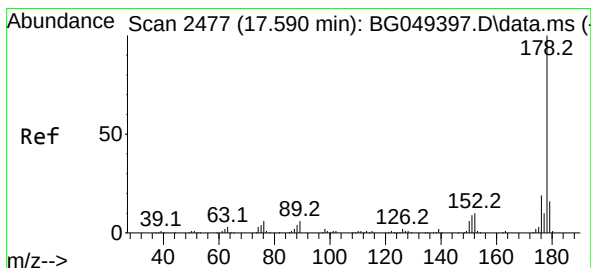
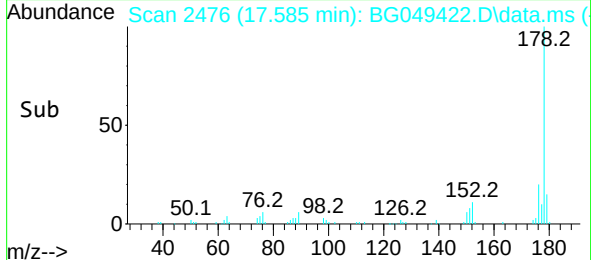
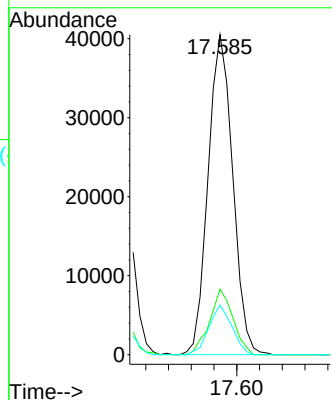
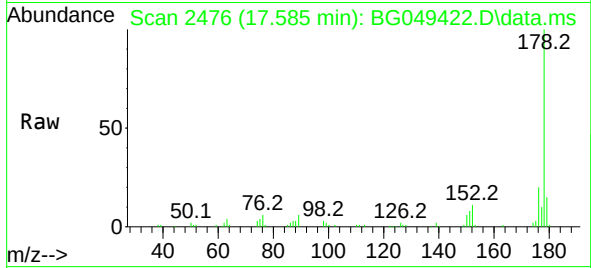




#71
Phenanthrene
Concen: 7.380 ng
RT: 17.585 min Scan# 2476
Delta R.T. 0.089 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

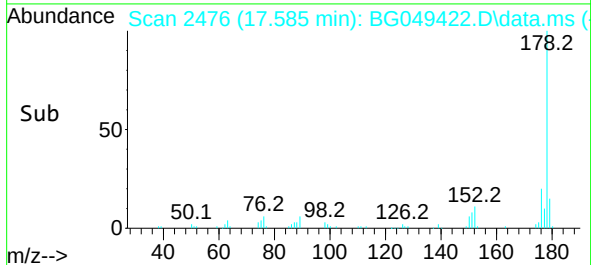
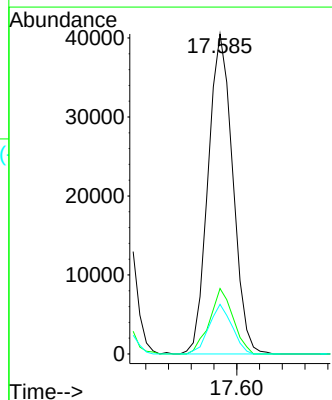
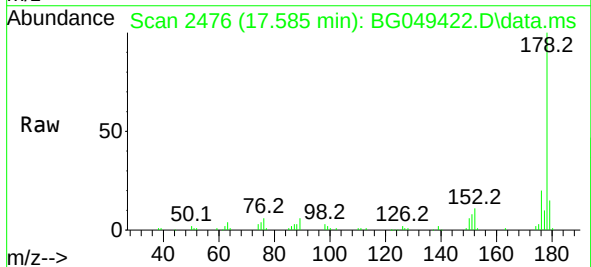
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

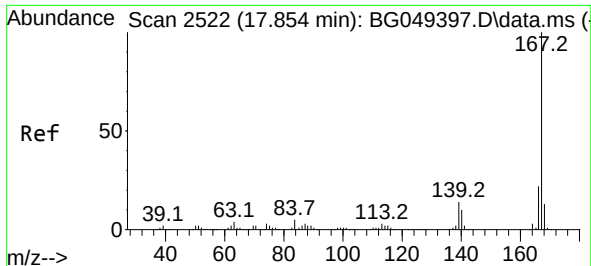
Tgt Ion:178 Resp: 60953
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.5 14.2 21.4



#72
Anthracene
Concen: 7.508 ng
RT: 17.585 min Scan# 2476
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:178 Resp: 60953
Ion Ratio Lower Upper
178 100
176 20.4 14.6 21.8
179 15.5 13.4 20.0

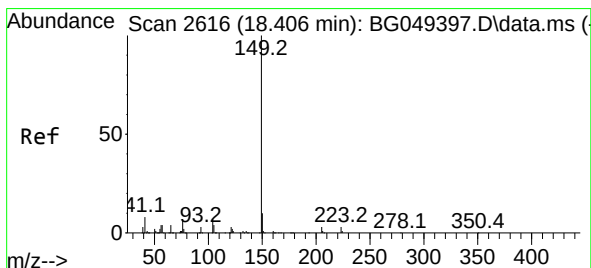
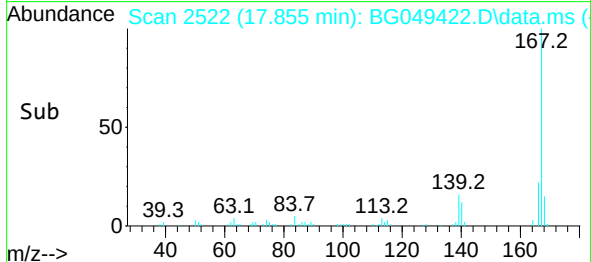
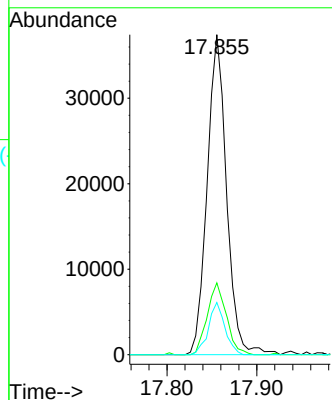
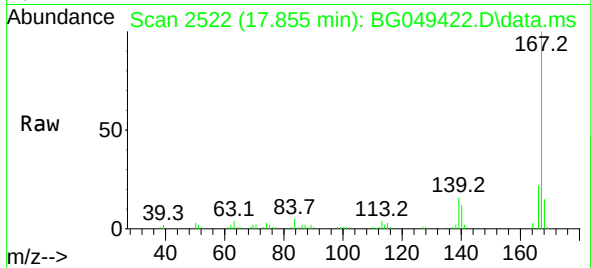




#73
 Carbazole
 Concen: 7.270 ng
 RT: 17.855 min Scan# 2522
 Delta R.T. 0.001 min
 Lab File: BG049422.D
 Acq: 23 Jul 2021 10:24

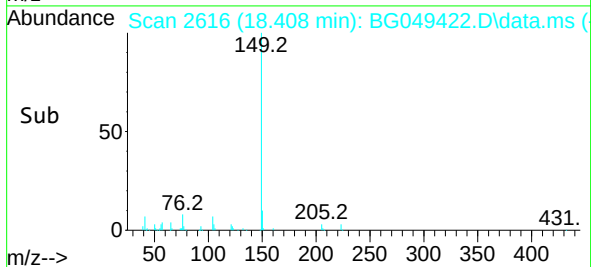
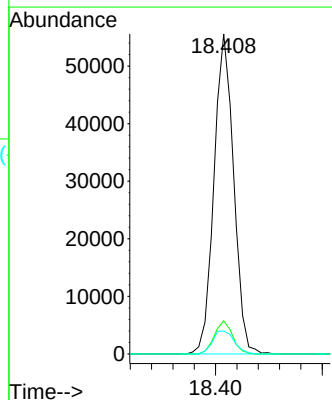
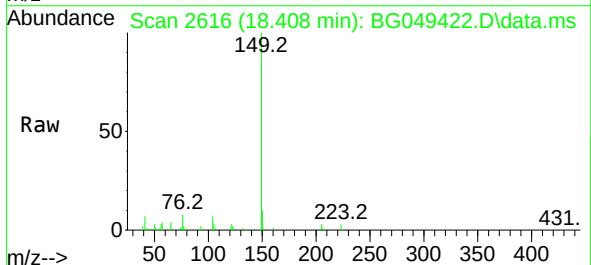
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

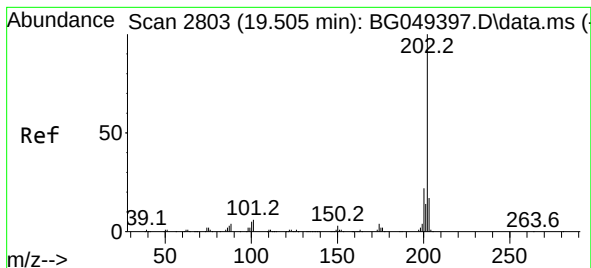
Tgt Ion:167 Resp: 56136
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.2
 139 16.3 10.7 16.1#



#74
 Di-n-butylphthalate
 Concen: 8.056 ng
 RT: 18.408 min Scan# 2616
 Delta R.T. 0.001 min
 Lab File: BG049422.D
 Acq: 23 Jul 2021 10:24

Tgt Ion:149 Resp: 70931
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.5 11.3
 104 7.2 6.6 10.0

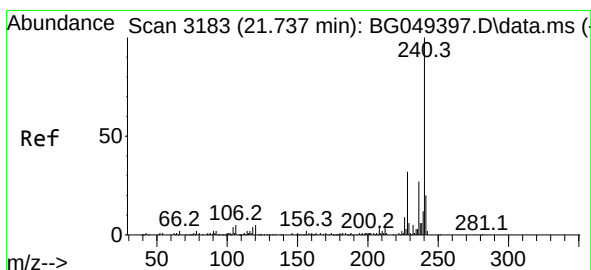
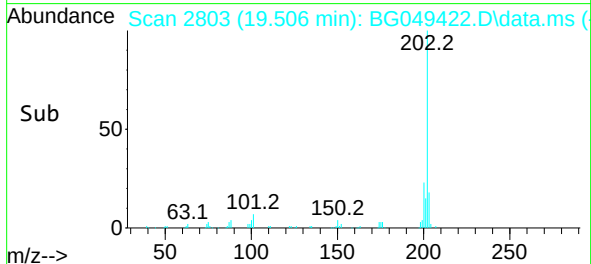
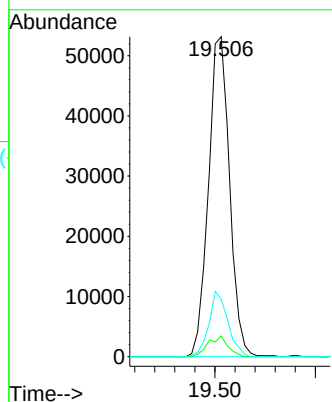
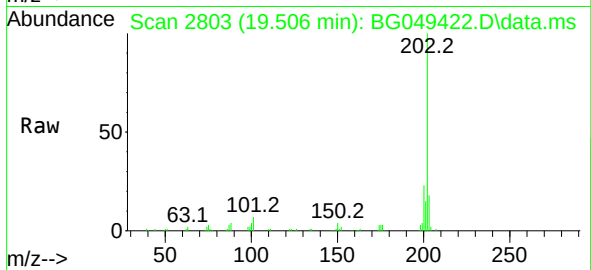




#75
Fluoranthene
Concen: 7.572 ng
RT: 19.506 min Scan# 2803
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

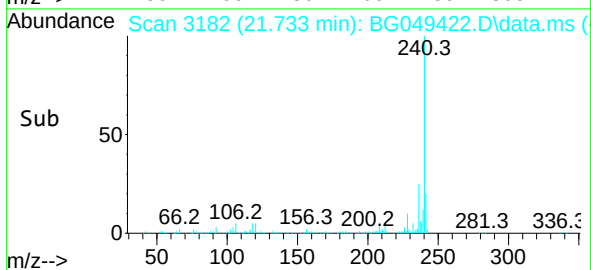
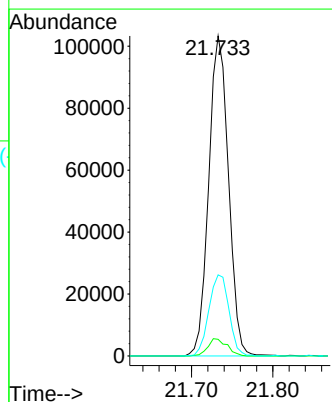
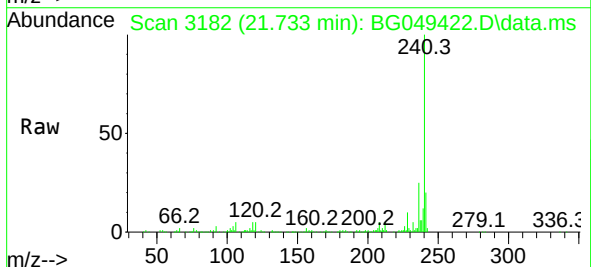
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

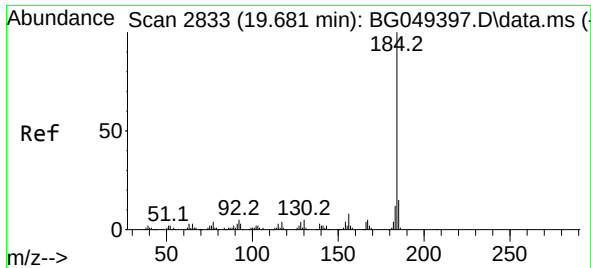
Tgt Ion:202 Resp: 77872
Ion Ratio Lower Upper
202 100
101 6.5 0.0 24.7
203 18.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:240 Resp: 174601
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.3 21.8 32.6

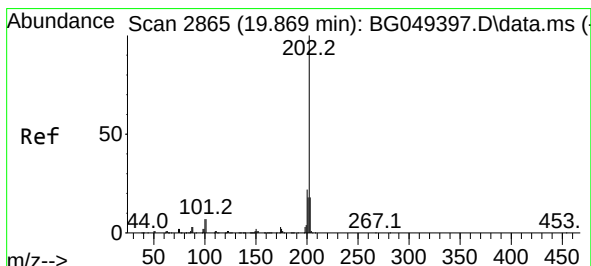
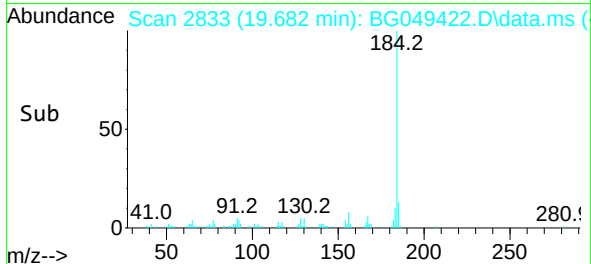
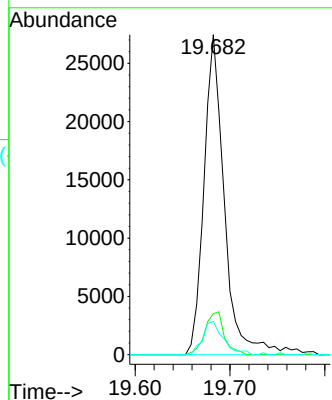
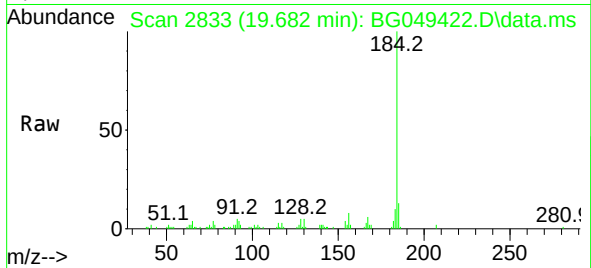




#77
Benzidine
Concen: 8.404 ng
RT: 19.682 min Scan# 2833
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

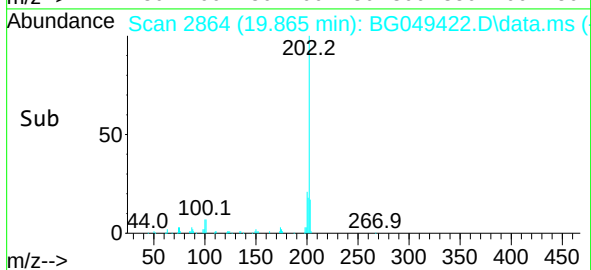
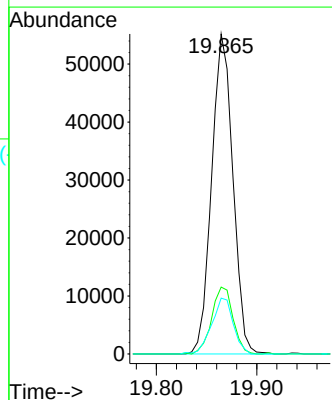
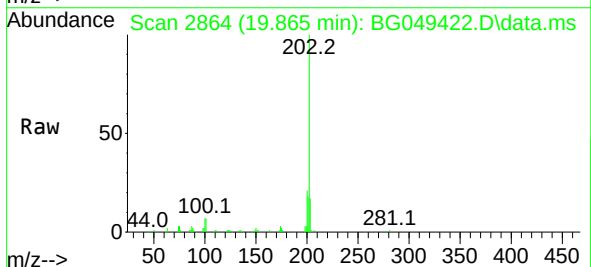
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

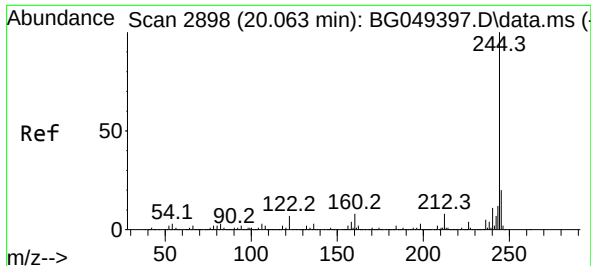
Tgt Ion:184 Resp: 40613
Ion Ratio Lower Upper
184 100
185 12.8 10.7 16.1
183 10.3 9.4 14.0



#78
Pyrene
Concen: 7.081 ng
RT: 19.865 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:202 Resp: 81148
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 17.4 14.6 21.8

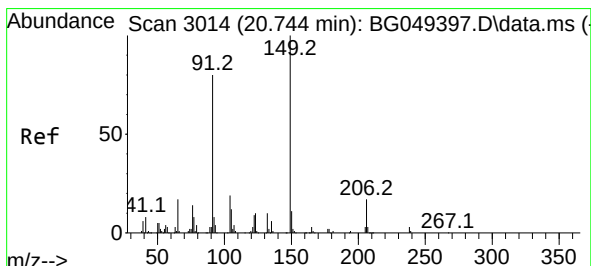
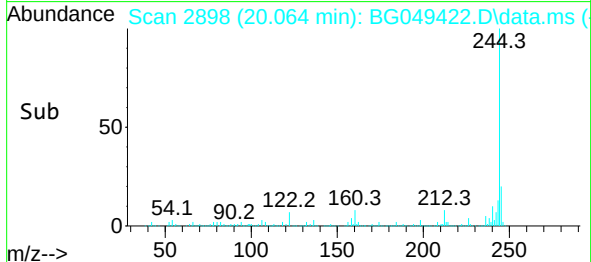
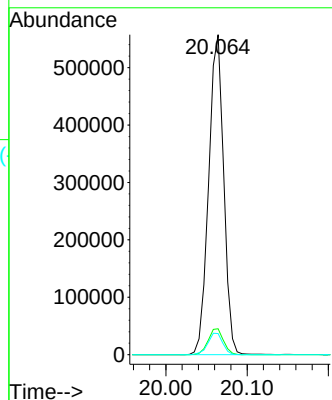
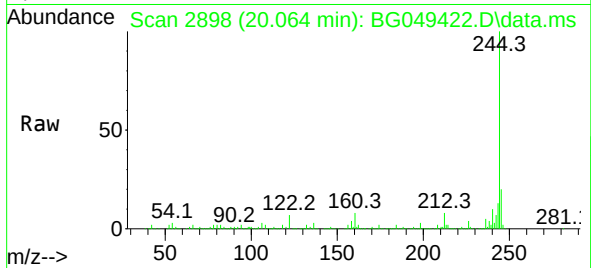




#79
 Terphenyl-d14
 Concen: 80.100 ng
 RT: 20.064 min Scan# 2898
 Delta R.T. 0.001 min
 Lab File: BG049422.D
 Acq: 23 Jul 2021 10:24

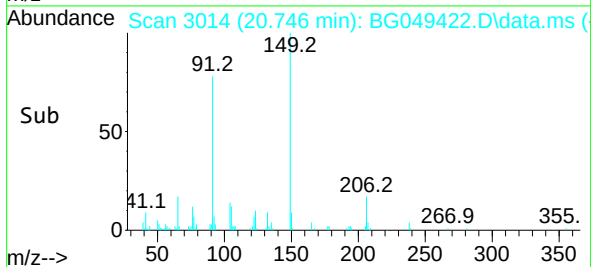
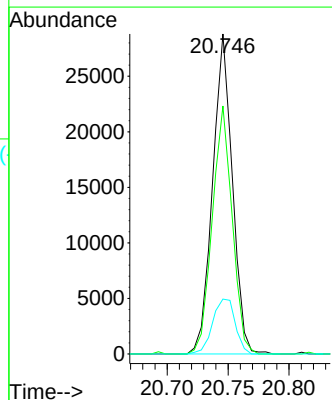
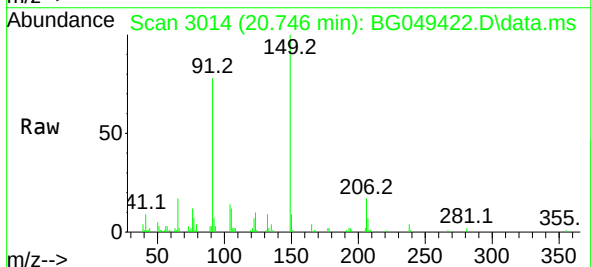
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

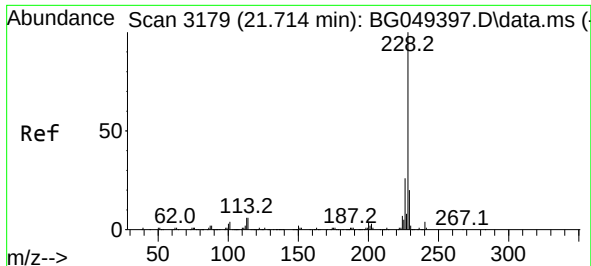
Tgt Ion:244 Resp: 716124
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.6 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 7.785 ng
 RT: 20.746 min Scan# 3014
 Delta R.T. 0.001 min
 Lab File: BG049422.D
 Acq: 23 Jul 2021 10:24

Tgt Ion:149 Resp: 32438
 Ion Ratio Lower Upper
 149 100
 91 77.5 63.4 95.2
 206 17.2 18.4 27.6#

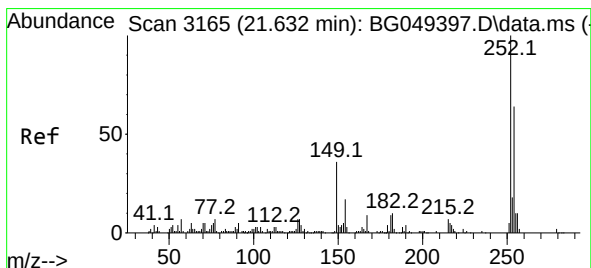
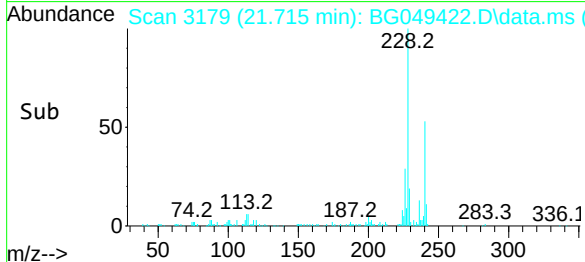
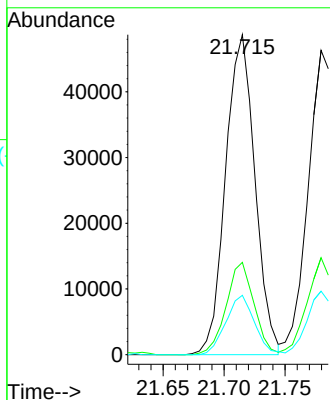
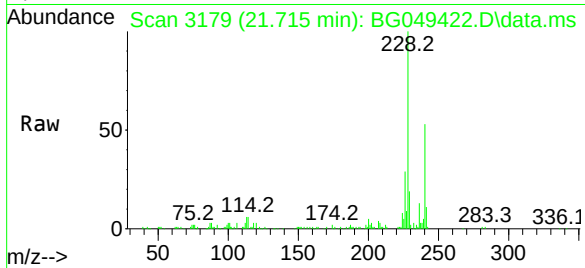




#81
Benzo(a)anthracene
Concen: 7.394 ng
RT: 21.715 min Scan# 3179
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

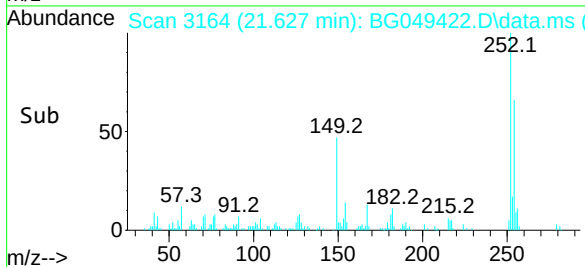
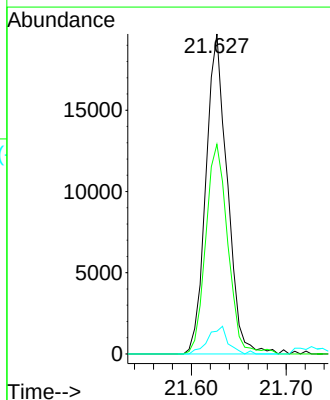
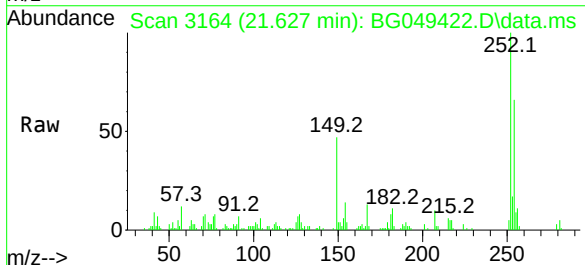
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

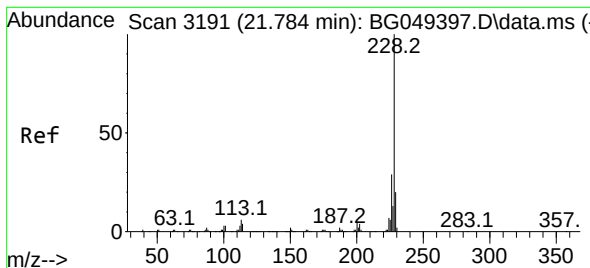
Tgt Ion:228 Resp: 81772
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 18.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.666 ng
RT: 21.627 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:252 Resp: 30841
Ion Ratio Lower Upper
252 100
254 65.5 52.4 78.6
126 7.1 5.9 8.9





#83

Chrysene

Concen: 7.207 ng

RT: 21.780 min Scan# 3190

Delta R.T. -0.005 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

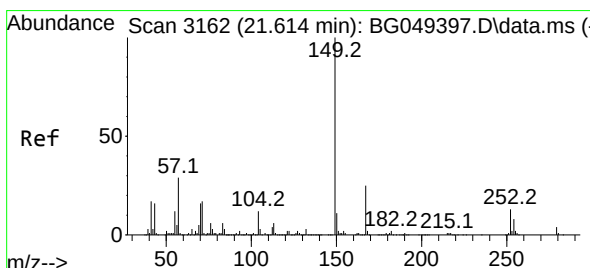
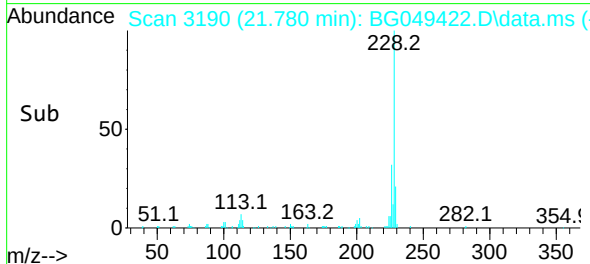
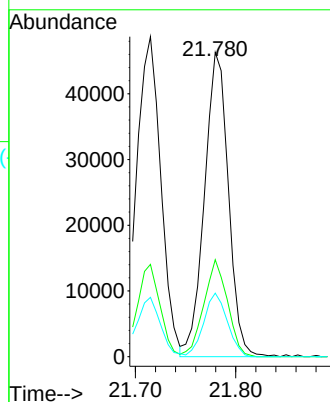
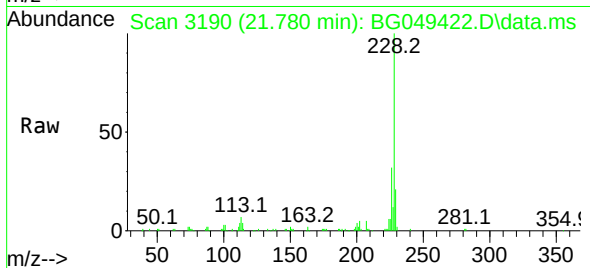
Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2021

Tgt Ion:	228	Resp:	76870
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.1	34.7
229	20.9	15.3	22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.440 ng

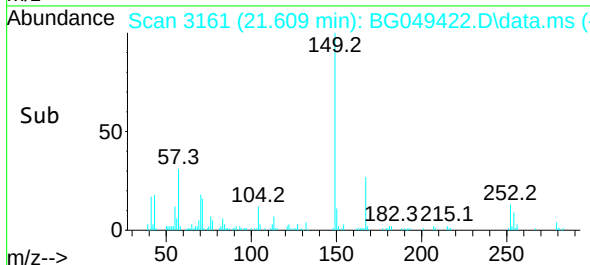
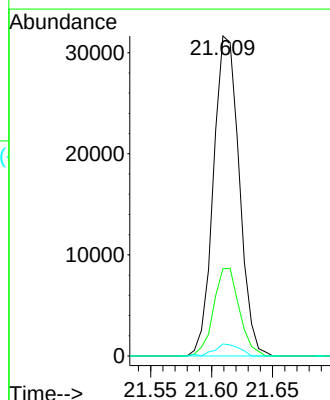
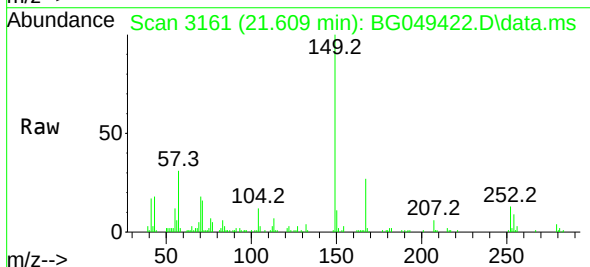
RT: 21.609 min Scan# 3161

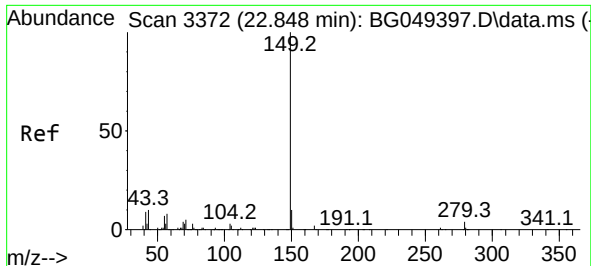
Delta R.T. -0.005 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

Tgt Ion:	149	Resp:	46488
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.3	33.5
279	3.8	3.8	5.8

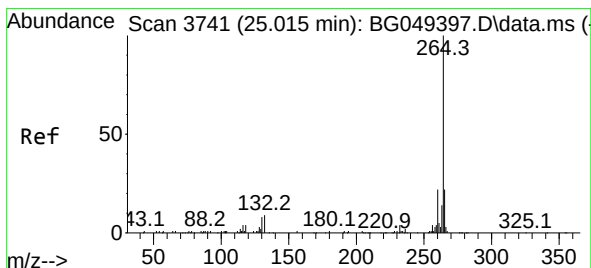
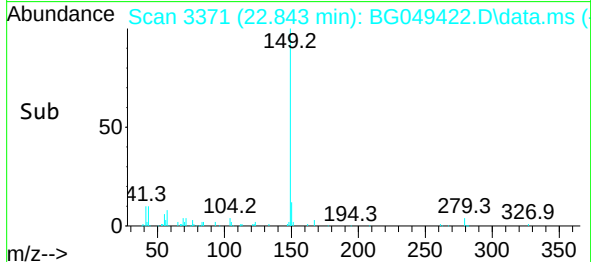
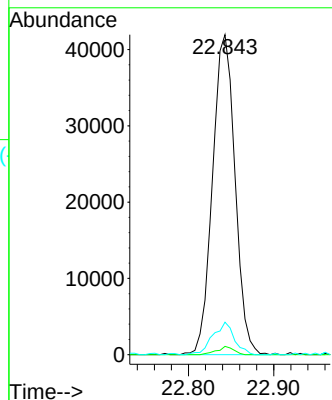
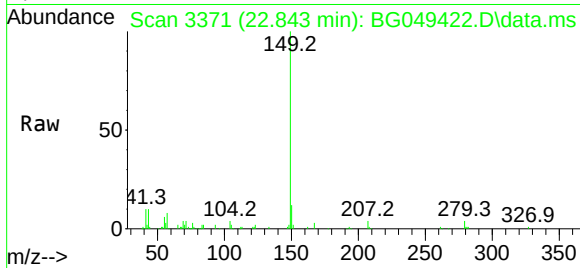




#85
Di-n-octyl phthalate
Concen: 7.131 ng
RT: 22.843 min Scan# 3371
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

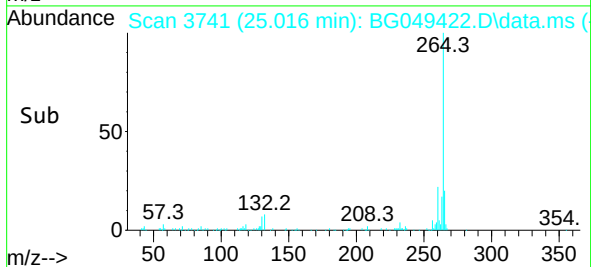
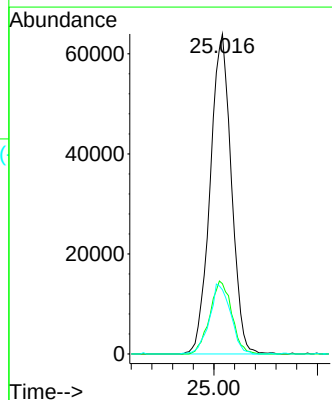
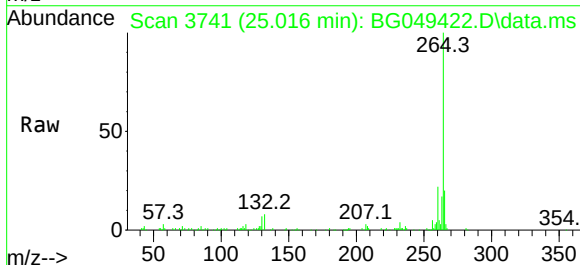
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

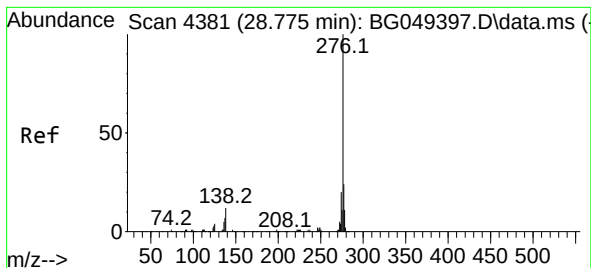
Tgt Ion:149 Resp: 76968
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 9.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3741
Delta R.T. 0.001 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:264 Resp: 181434
Ion Ratio Lower Upper
264 100
260 22.0 19.4 29.2
265 20.0 16.9 25.3

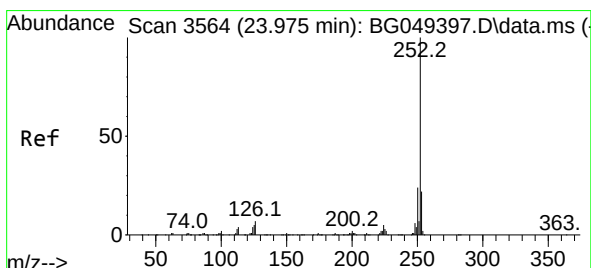
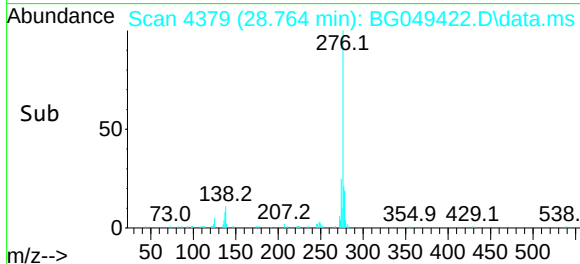
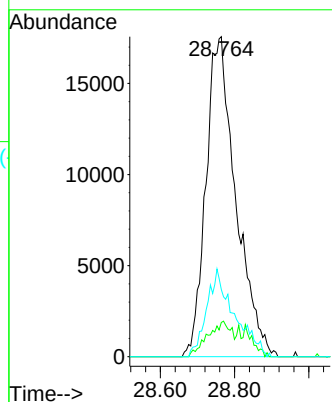
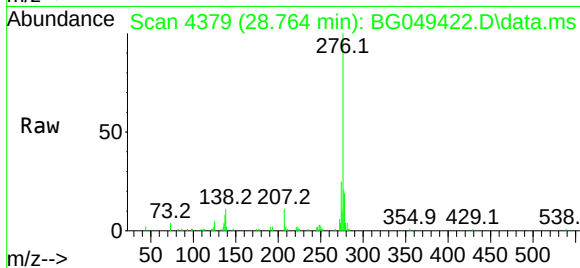




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.650 ng
RT: 28.764 min Scan# 4379
Delta R.T. -0.011 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

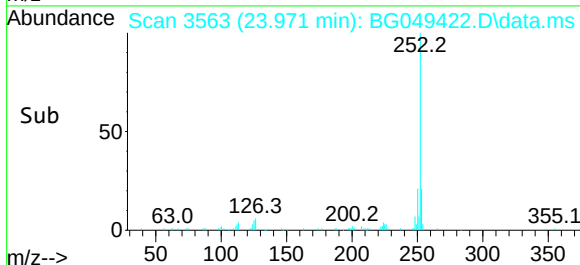
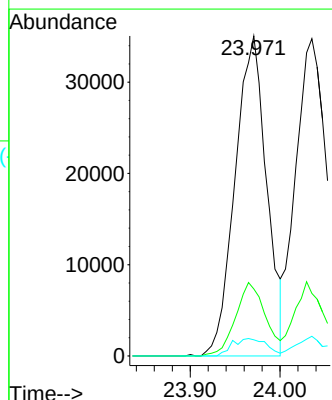
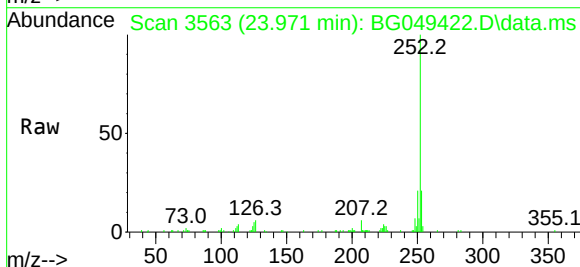
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

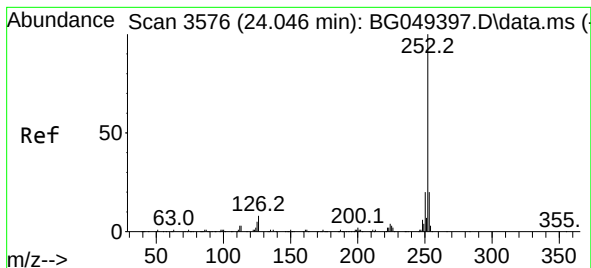
Tgt Ion:276 Resp: 98248
Ion Ratio Lower Upper
276 100
138 8.7 5.1 7.7#
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 7.314 ng
RT: 23.971 min Scan# 3563
Delta R.T. -0.005 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:252 Resp: 85511
Ion Ratio Lower Upper
252 100
253 21.0 16.2 24.4
125 5.0 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 7.872 ng

RT: 24.035 min Scan# 3574

Delta R.T. -0.011 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

Tgt Ion:252 Resp: 85598

Ion Ratio Lower Upper

252 100

253 19.7 18.0 27.0

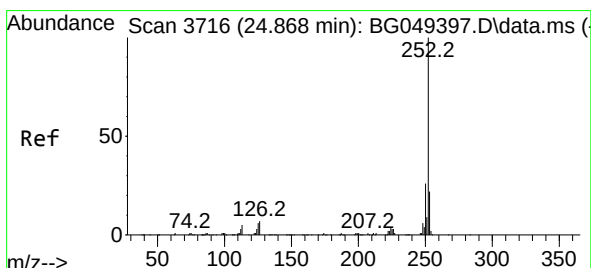
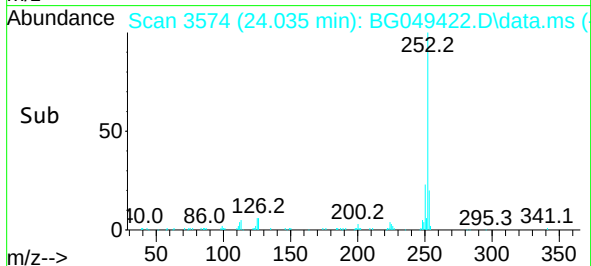
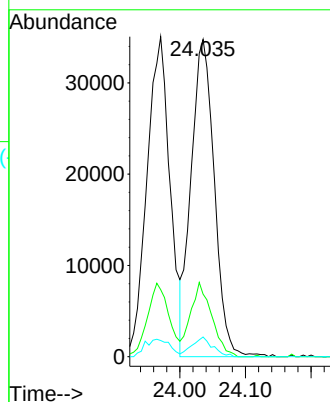
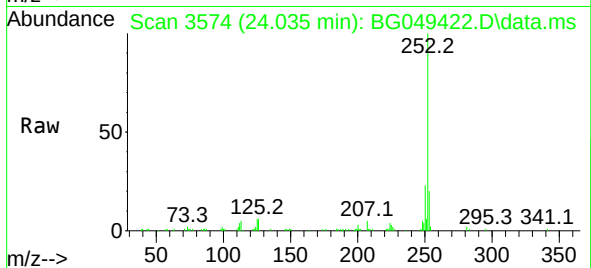
125 6.2 3.1 4.7#

Instrument :

BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 7.743 ng

RT: 24.852 min Scan# 3713

Delta R.T. -0.016 min

Lab File: BG049422.D

Acq: 23 Jul 2021 10:24

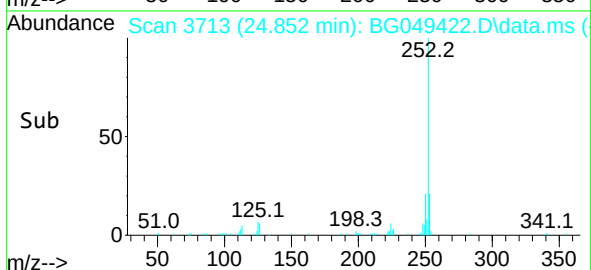
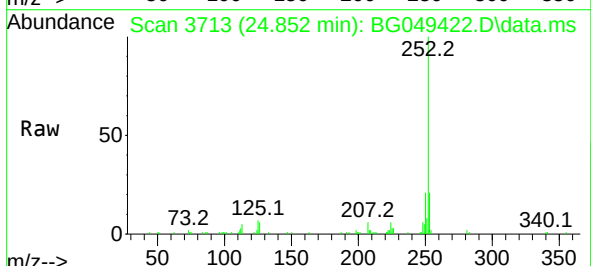
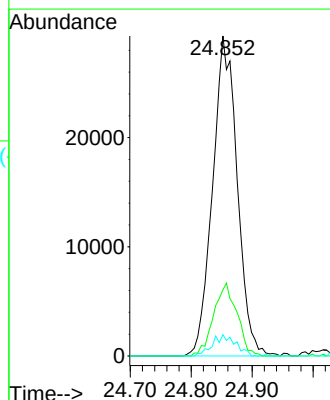
Tgt Ion:252 Resp: 82050

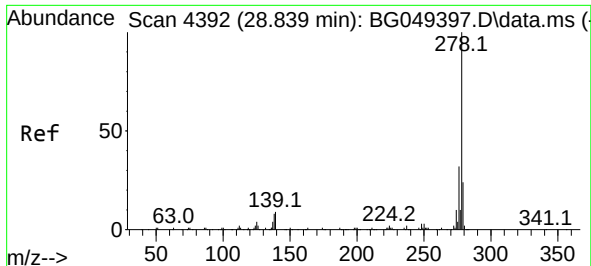
Ion Ratio Lower Upper

252 100

253 20.7 16.6 25.0

125 6.7 3.5 5.3#

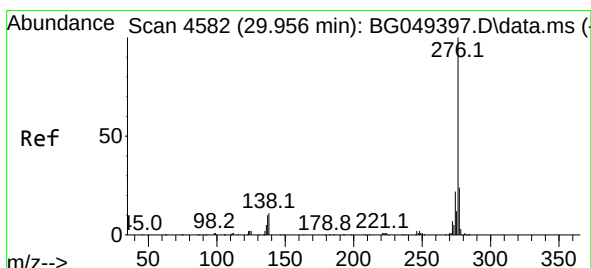
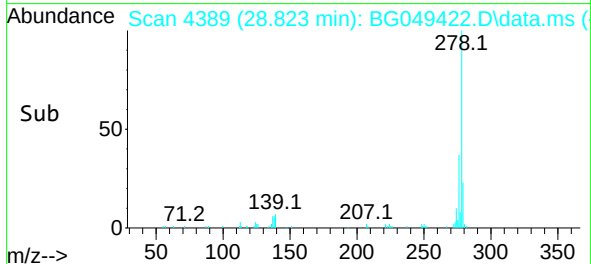
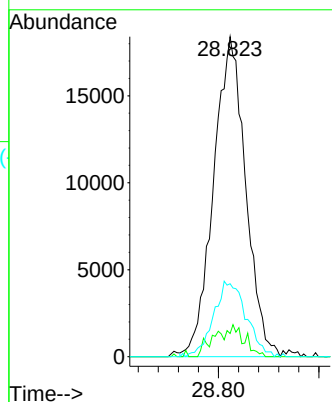
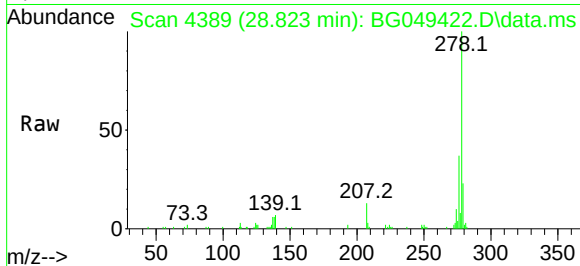




#91
Dibenzo(a,h)anthracene
Concen: 7.580 ng
RT: 28.823 min Scan# 4389
Delta R.T. -0.016 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:278 Resp: 81756
Ion Ratio Lower Upper
278 100
139 7.2 4.6 6.8#
279 22.8 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 7.564 ng
RT: 29.927 min Scan# 4577
Delta R.T. -0.028 min
Lab File: BG049422.D
Acq: 23 Jul 2021 10:24

Tgt Ion:276 Resp: 80732
Ion Ratio Lower Upper
276 100
277 25.1 18.4 27.6
138 11.8 7.0 10.6#

