

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
 Data File : BG056213.D
 Acq On : 5 Jan 2023 14:30
 Operator : CG/JU
 Sample : N5388-05
 Misc : SFAM-MDL-MES-01-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Jan 05 15:13:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	49516	20.000	ng/u1	0.00
20) Naphthalene-d8	11.161	136	197972	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.945	164	171055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.677	188	450218	20.000	ng/u1	0.00
79) Chrysene-d12	21.978	240	418513	20.000	ng/u1	0.00
88) Perylene-d12	25.439	264	432361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	4898m	4.480	ng/uL	0.00
4) Pyridine-d5	4.064	84	39659	11.356	ng/u1	0.00
7) Phenol-d5	7.460	99	70143	16.057	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.636	67	32015	17.872	ng/u1	0.00
11) 2-Chlorophenol-d4	7.853	132	47402	16.217	ng/u1	0.00
15) 4-Methylphenol-d8	9.023	113	55033	15.810	ng/u1	0.00
21) Nitrobenzene-d5	9.504	128	25532	16.332	ng/u1	0.00
24) 2-Nitrophenol-d4	10.233	143	34692	16.969	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.768	165	62890	15.432	ng/u1	0.00
31) 4-Chloroaniline-d4	11.285	131	73454	16.016	ng/u1	0.00
46) Dimethylphthalate-d6	14.334	166	227056	16.729	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	243772	16.350	ng/u1	0.00
54) 4-Nitrophenol-d4	15.110	143	32462	15.151	ng/u1	0.00
60) Fluorene-d10	15.926	176	210571	16.610	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	45436	14.364	ng/u1	0.00
73) Anthracene-d10	17.777	188	340051	16.433	ng/u1	0.00
81) Pyrene-d10	20.039	212	404201	16.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.192	264	370319	16.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.664	88	1292m	1.060	ng/uL	
5) Pyridine	4.087	79	11275	3.298	ng/u1#	77
6) Benzaldehyde	7.460	77	8266	5.394	ng/u1	89
8) Phenol	7.489	94	18712	4.338	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.730	93	13544	4.535	ng/u1	97
12) 2-Chlorophenol	7.883	128	12793	4.451	ng/u1#	91
13) 2-Methylphenol	8.758	108	13882	4.188	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.858	45	2401m	4.423	ng/u1	
16) Acetophenone	9.158	105	22966	4.288	ng/u1#	88
17) N-Nitroso-di-n-propyla...	9.128	70	10169	4.286	ng/u1#	95
18) 4-Methylphenol	9.081	108	15246	4.235	ng/u1	95
19) Hexachloroethane	9.428	117	5146	4.600	ng/u1	88
22) Nitrobenzene	9.546	77	15310	4.313	ng/u1	89
23) Isophorone	10.063	82	31557	4.217	ng/u1	94
25) 2-Nitrophenol	10.262	139	8283	4.199	ng/u1	97
26) 2,4-Dimethylphenol	10.304	107	17286	4.278	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.544	93	18553	4.426	ng/u1#	94
29) 2,4-Dichlorophenol	10.797	162	16791	4.370	ng/u1	97
30) Naphthalene	11.214	128	45470	4.388	ng/u1	97
32) 4-Chloroaniline	11.314	127	19787	4.223	ng/u1	92
33) Hexachlorobutadiene	11.496	225	14641	4.442	ng/u1	99
34) Caprolactam	12.060	113	5412m	4.488	ng/u1	
35) 4-Chloro-3-methylphenol	12.401	107	14970	3.971	ng/u1	93
36) 2-Methylnaphthalene	12.795	142	33437	4.225	ng/u1	98

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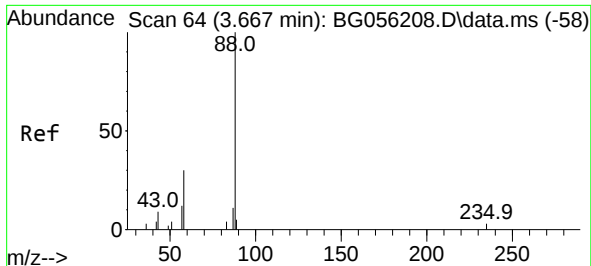
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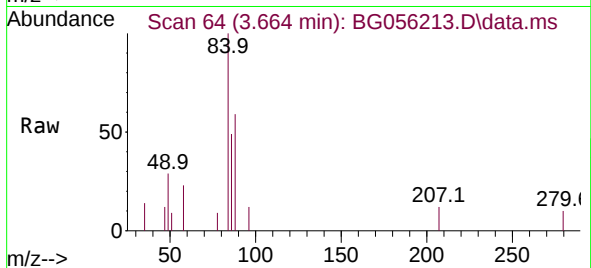
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	27801	3.415	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.153	216	29099	4.394	ng/ul	90
40) Hexachlorocyclopentadiene	13.130	237	13646	3.031	ng/ul	97
41) 2,4,6-Trichlorophenol	13.382	196	17728	4.217	ng/ul#	94
42) 2,4,5-Trichlorophenol	13.453	196	18675	4.084	ng/ul	94
43) 1,1'-Biphenyl	13.782	154	53602	4.354	ng/ul	95
44) 2-Chloronaphthalene	13.829	162	44531	4.410	ng/ul	99
45) 2-Nitroaniline	14.023	65	7808	4.052	ng/ul	97
47) Dimethylphthalate	14.375	163	57879	4.315	ng/ul	98
48) 2,6-Dinitrotoluene	14.505	165	11333	4.024	ng/ul	99
50) Acenaphthylene	14.669	152	64385	4.263	ng/ul	97
51) 3-Nitroaniline	14.834	138	10569	4.955	ng/ul	95
52) Acenaphthene	15.004	153	44963	4.303	ng/ul	99
53) 2,4-Dinitrophenol	15.039	184	10698	5.311	ng/ul	95
55) 4-Nitrophenol	15.116	109	8120	4.052	ng/ul	90
56) Dibenzofuran	15.333	168	71157	4.405	ng/ul	91
57) 2,4-Dinitrotoluene	15.286	165	16550	4.124	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.556	232	17281	3.903	ng/ul#	97
59) Diethylphthalate	15.727	149	52719	4.227	ng/ul	96
61) Fluorene	15.979	166	56179	4.318	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.962	204	35864	4.409	ng/ul	97
63) 4-Nitroaniline	15.985	138	9488	4.862	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.044	198	14439	4.782	ng/ul#	95
67) N-Nitrosodiphenylamine	16.173	169	51436	4.281	ng/ul	97
68) 4-Bromophenyl-phenylether	16.861	248	25011	4.331	ng/ul	95
69) Hexachlorobenzene	16.984	284	24224	4.236	ng/ul	96
70) Atrazine	17.107	200	32224	5.884	ng/ul	98
71) Pentachlorophenol	17.319	266	15431	4.231	ng/ul	92
72) Phenanthrene	17.724	178	99006	4.313	ng/ul	99
74) Anthracene	17.812	178	97768	4.195	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.752	216	22789	3.358	ng/uL	95
76) Pentachlorobenzene	15.257	250	23005	3.313	ng/uL	94
77) Carbazole	18.077	167	81608	4.266	ng/ul	95
78) Di-n-butylphthalate	18.606	149	85239	4.223	ng/ul	99
80) Fluoranthene	19.710	202	125791	4.344	ng/ul	99
82) Pyrene	20.069	202	123157	4.252	ng/ul	97
83) Butylbenzylphthalate	20.932	149	35082	4.130	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.855	252	65308	6.600	ng/ul	95
85) Benzo(a)anthracene	21.955	228	122583	4.248	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.825	149	51477	4.191	ng/ul	98
87) Chrysene	22.025	228	118005	4.397	ng/ul	100
89) Di-n-octyl phthalate	23.112	149	89704	4.519	ng/ul	100
90) Benzo(b)fluoranthene	24.322	252	135737	4.702	ng/ul#	98
91) Benzo(k)fluoranthene	24.399	252	127648	4.519	ng/ul#	96
93) Benzo(a)pyrene	25.268	252	122762	4.857	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.405	276	224307	6.747	ng/ul	97
95) Dibenzo(a,h)anthracene	29.481	278	189451	6.819	ng/ul	98
96) Benzo(g,h,i)perylene	30.656	276	205032m	7.629	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.060 ng/uL m
RT: 3.664 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

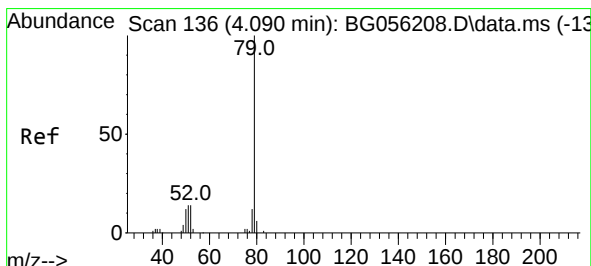
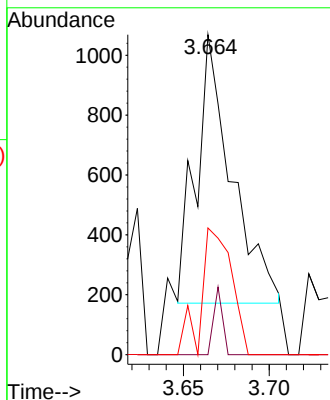
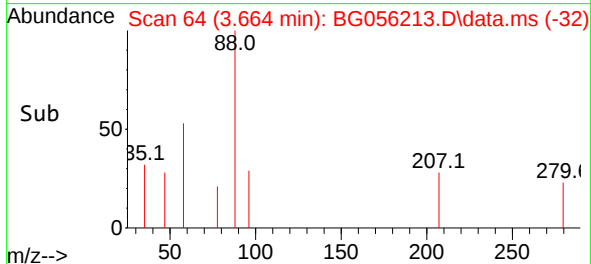
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 88 Resp: 1292
Ion Ratio Lower Upper
88 100
43 0.0 6.8 10.2#
58 39.6 20.0 30.0#

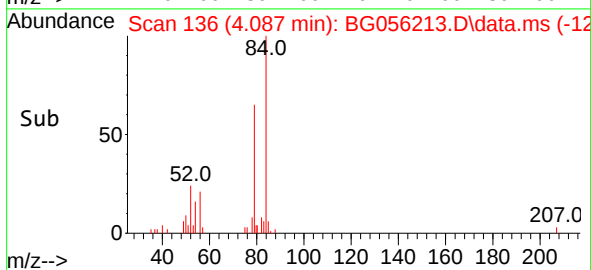
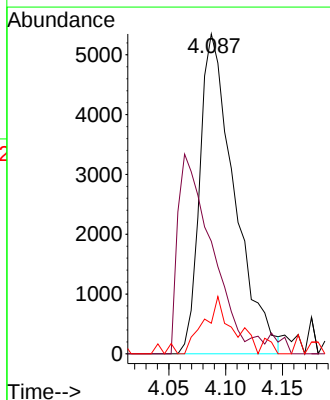
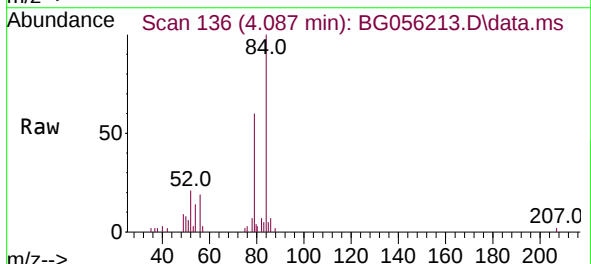
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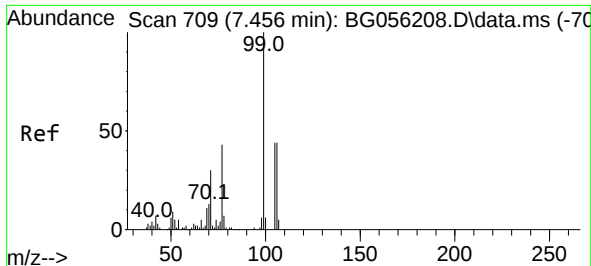
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#5
Pyridine
Concen: 3.298 ng/uL
RT: 4.087 min Scan# 136
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Tgt Ion: 79 Resp: 11275
Ion Ratio Lower Upper
79 100
52 33.1 16.6 25.0#
51 9.0 13.4 20.2#





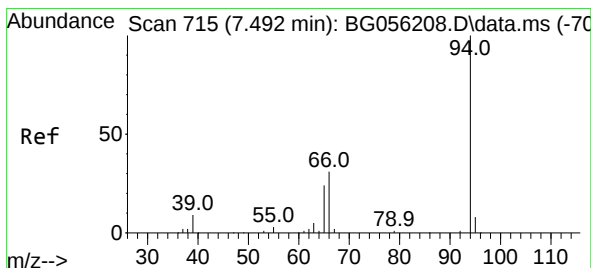
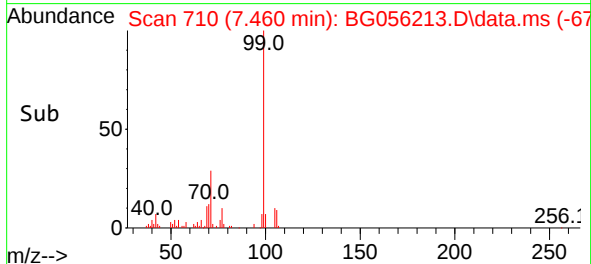
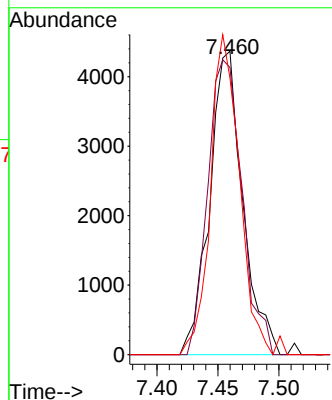
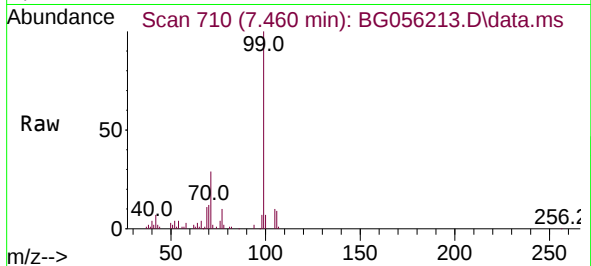
#6
Benzaldehyde
Concen: 5.394 ng/ul
RT: 7.460 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 77 Resp: 8266
Ion Ratio Lower Upper
77 100
105 94.6 86.5 129.7
106 91.1 80.8 121.2

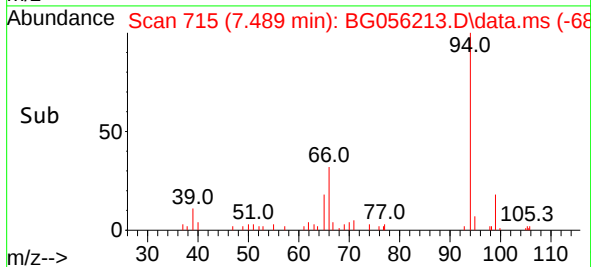
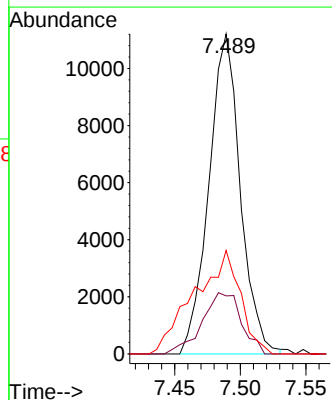
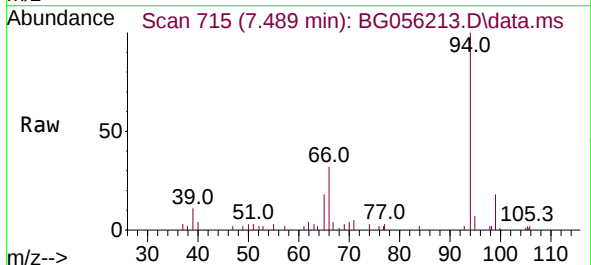
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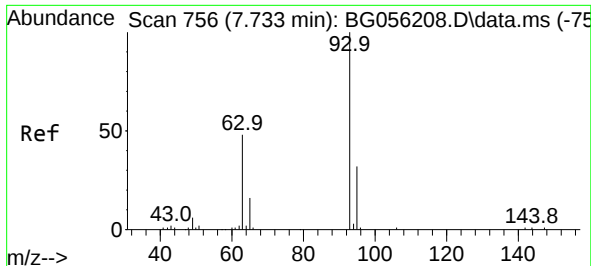
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#8
Phenol
Concen: 4.338 ng/ul
RT: 7.489 min Scan# 715
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

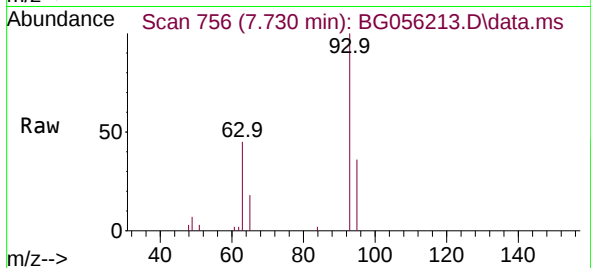
Tgt Ion: 94 Resp: 18712
Ion Ratio Lower Upper
94 100
65 18.1 15.9 23.9
66 32.3 24.6 37.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.535 ng/ul
RT: 7.730 min Scan# 756
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

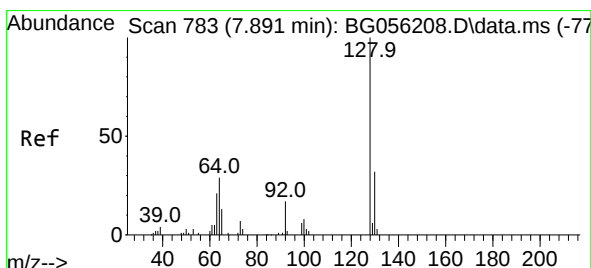
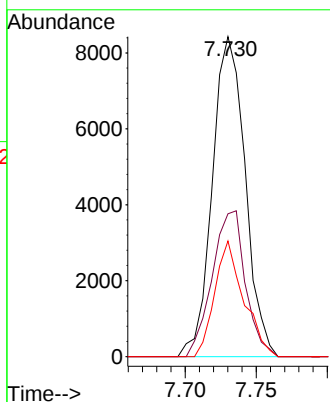
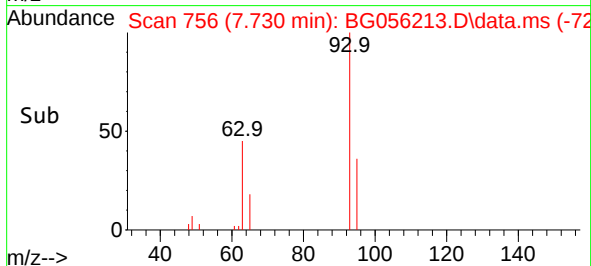
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 93 Resp: 13544
Ion Ratio Lower Upper
93 100
63 44.6 37.4 56.2
95 36.1 28.1 42.1

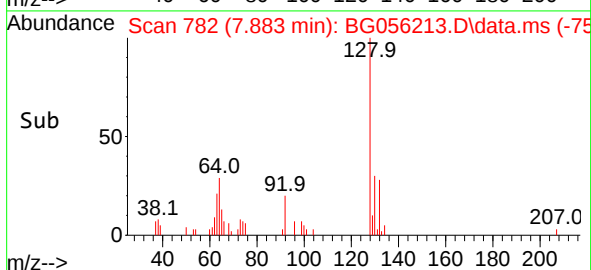
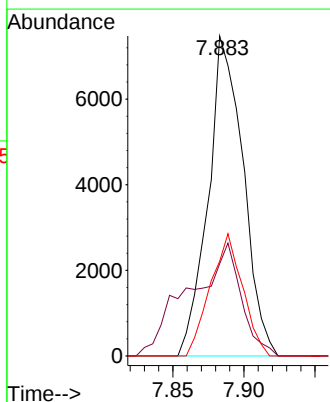
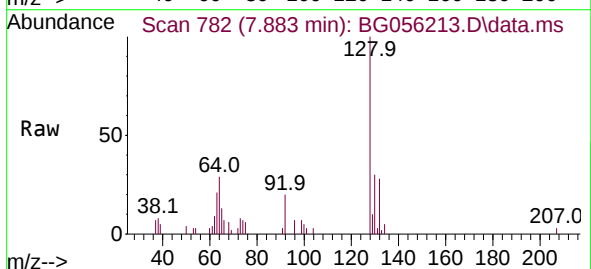
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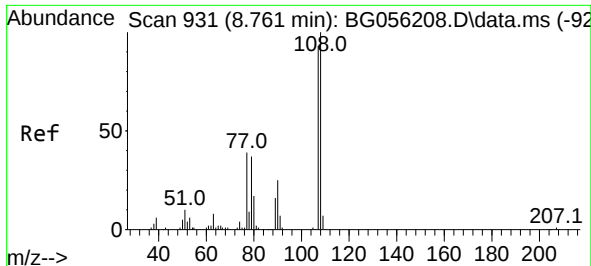
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#12
2-Chlorophenol
Concen: 4.451 ng/ul
RT: 7.883 min Scan# 782
Delta R.T. -0.011 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

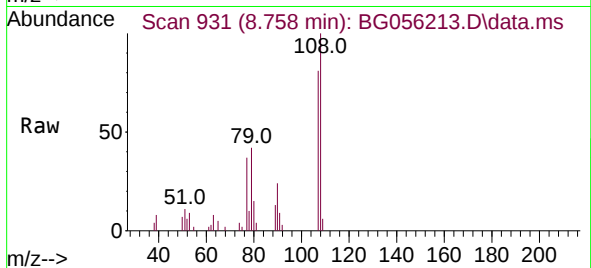
Tgt Ion:128 Resp: 12793
Ion Ratio Lower Upper
128 100
64 28.8 29.0 43.6#
130 29.5 25.3 37.9





#13
2-Methylphenol
Concen: 4.188 ng/ul
RT: 8.758 min Scan# 931
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

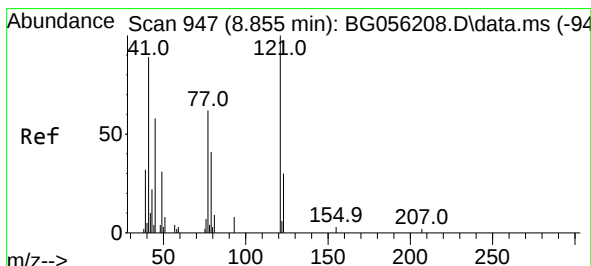
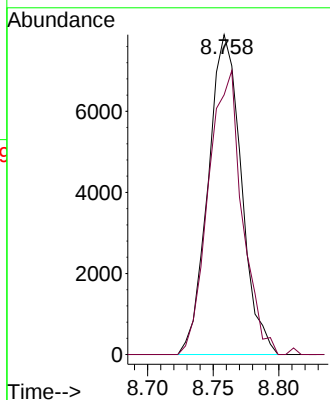
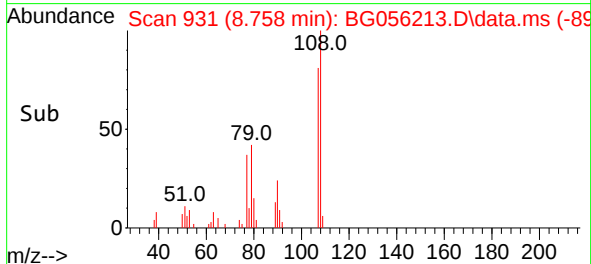
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 108 Resp: 1388
Ion Ratio Lower Upper
108 100
107 81.2 70.5 105.7

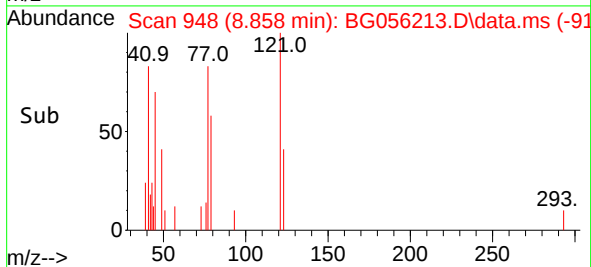
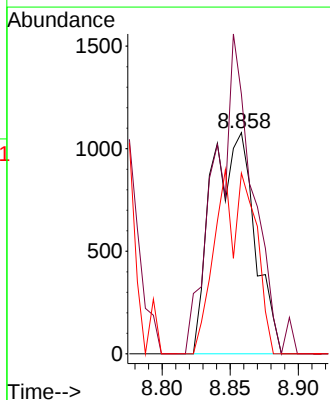
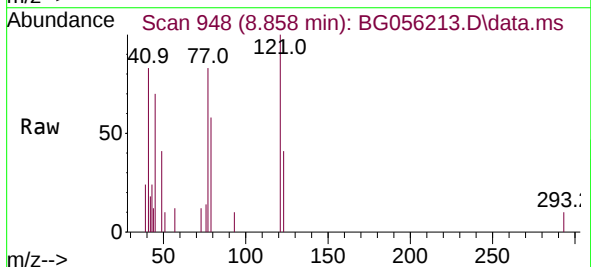
Manual Integrations
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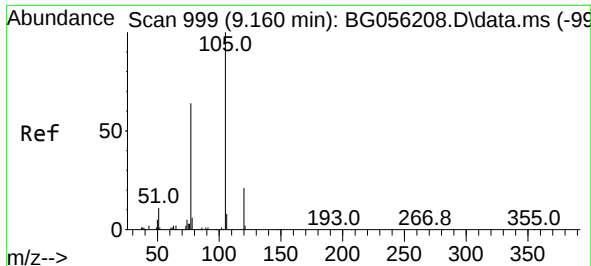
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.423 ng/ul m
RT: 8.858 min Scan# 948
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

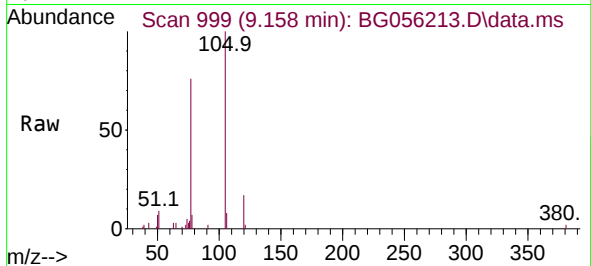
Tgt Ion: 45 Resp: 2401
Ion Ratio Lower Upper
45 100
77 117.4 90.5 135.7
79 81.7 75.8 113.6





#16
Acetophenone
Concen: 4.288 ng/ul
RT: 9.158 min Scan# 999
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

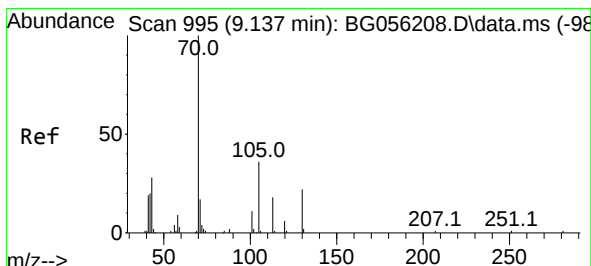
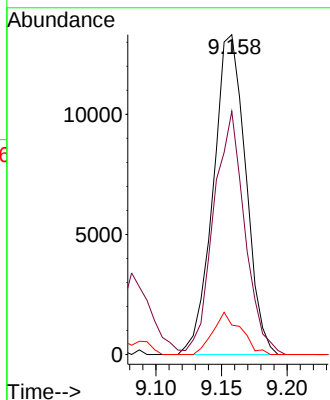
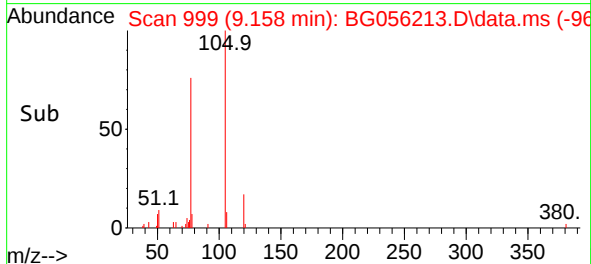
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 105 Resp: 22966
Ion Ratio Lower Upper
105 100
77 76.0 52.8 79.2
51 9.2 10.1 15.1

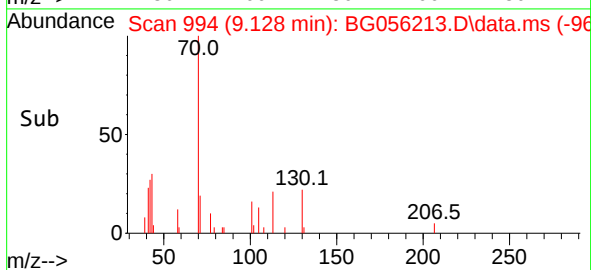
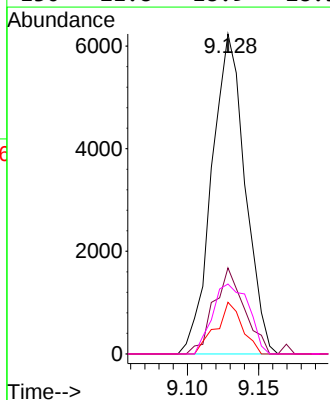
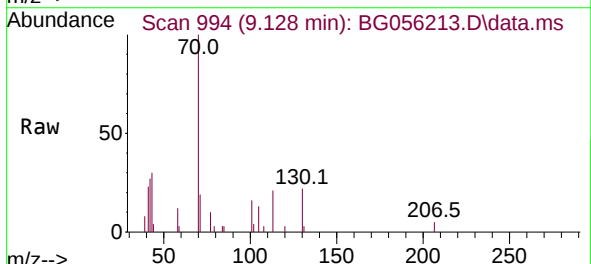
Manual Integrations
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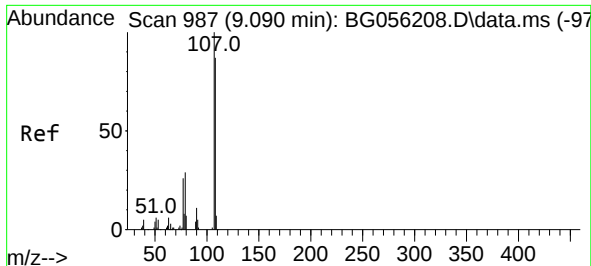
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.286 ng/ul
RT: 9.128 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Tgt Ion: 70 Resp: 10169
Ion Ratio Lower Upper
70 100
42 26.9 19.9 29.9
101 16.1 9.8 14.6
130 21.8 18.9 28.3





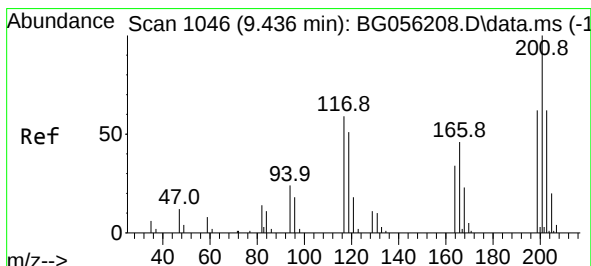
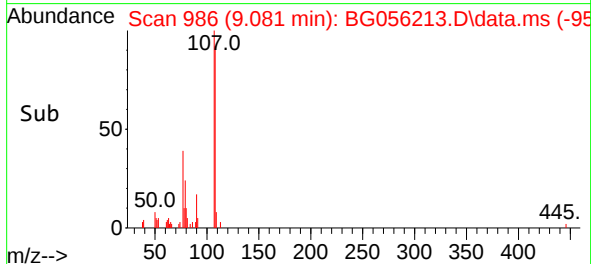
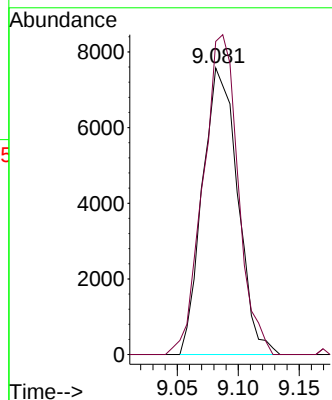
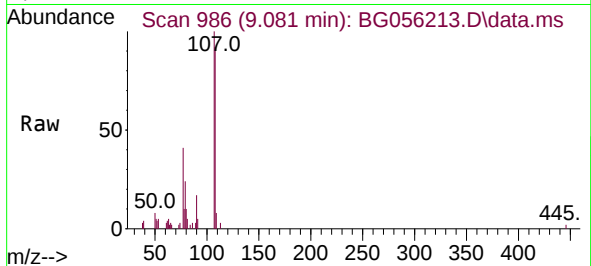
#18
4-Methylphenol
Concen: 4.235 ng/ul
RT: 9.081 min Scan# 987
Delta R.T. -0.011 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:108 Resp: 15246
Ion Ratio Lower Upper
108 100
107 109.3 91.5 137.3

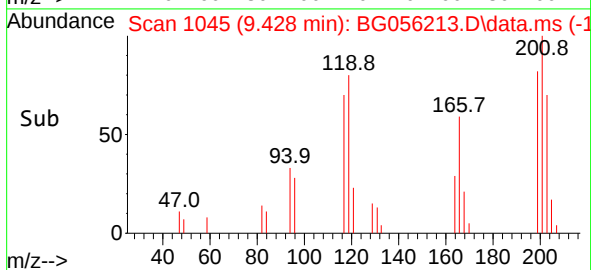
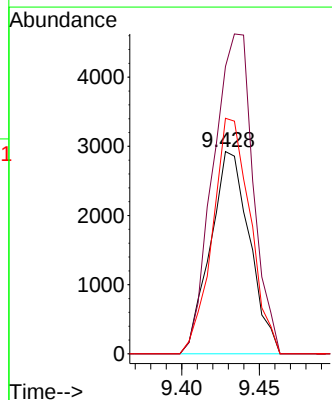
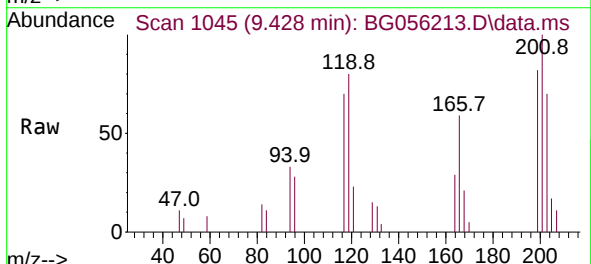
Manual Integrations
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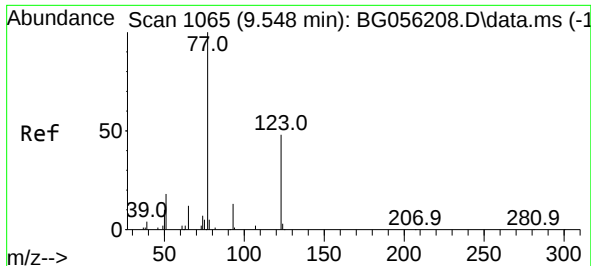
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#19
Hexachloroethane
Concen: 4.600 ng/ul
RT: 9.428 min Scan# 1045
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

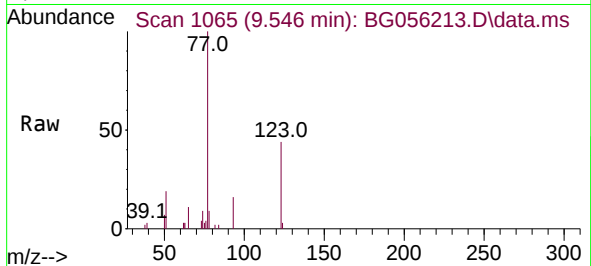
Tgt Ion:117 Resp: 5146
Ion Ratio Lower Upper
117 100
201 142.1 132.0 198.0
199 116.4 89.4 134.0





#22
Nitrobenzene
Concen: 4.313 ng/ul
RT: 9.546 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

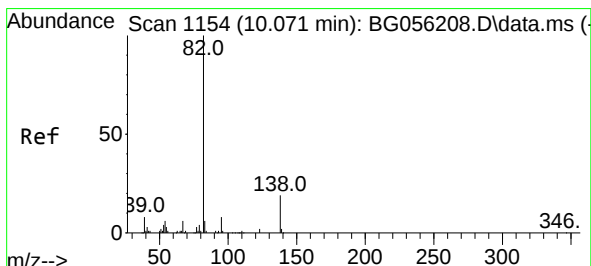
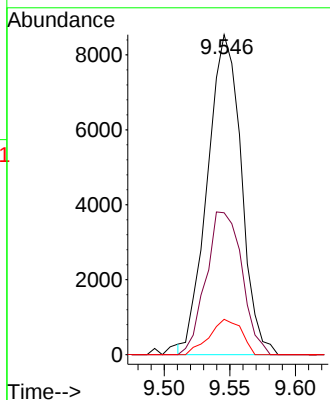
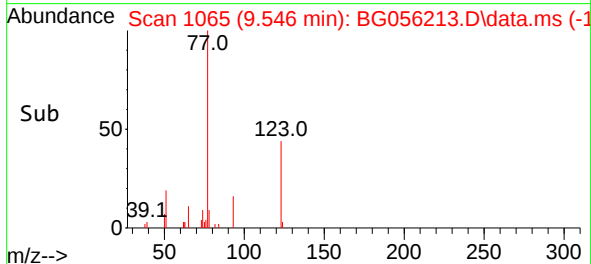
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



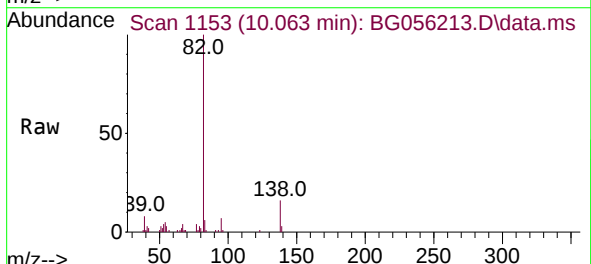
Tgt Ion: 77 Resp: 15310
Ion Ratio Lower Upper
77 100
123 44.3 42.2 63.2
65 11.0 10.5 15.7

Manual Integrations
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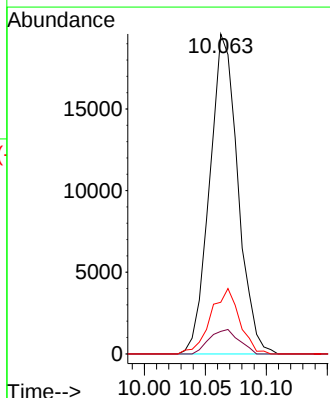
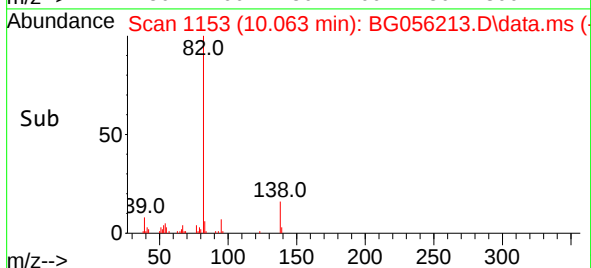
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

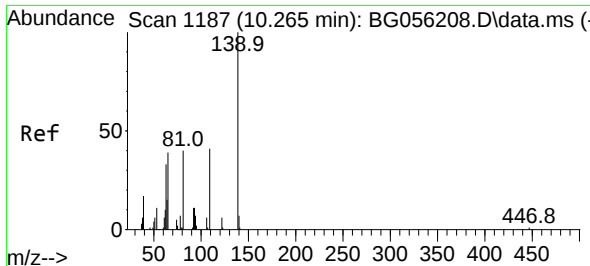


#23
Isophorone
Concen: 4.217 ng/ul
RT: 10.063 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



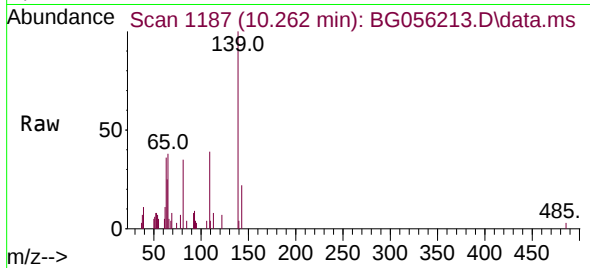
Tgt Ion: 82 Resp: 31557
Ion Ratio Lower Upper
82 100
95 7.1 6.9 10.3
138 16.1 15.4 23.2





#25
2-Nitrophenol
Concen: 4.199 ng/ul
RT: 10.262 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

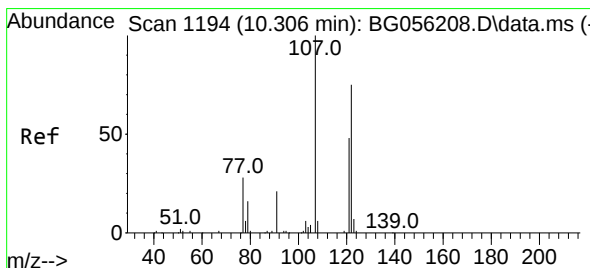
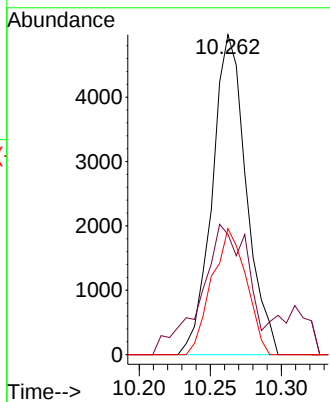
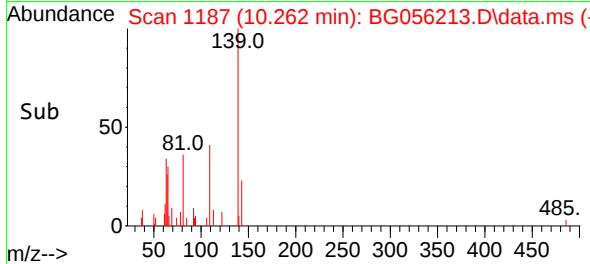
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



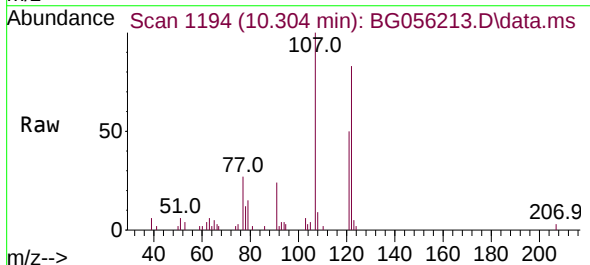
Tgt Ion:139 Resp: 8283
Ion Ratio Lower Upper
139 100
65 37.6 31.2 46.8
109 39.4 30.1 45.1

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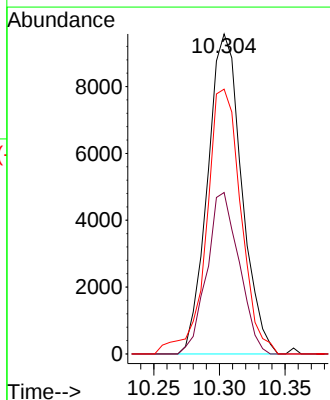
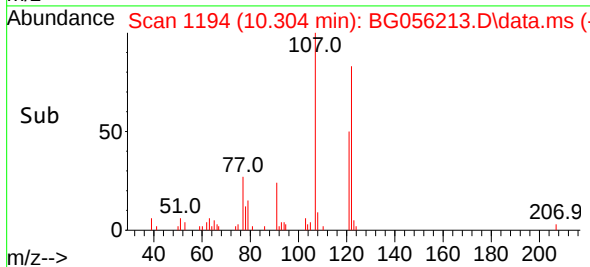
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

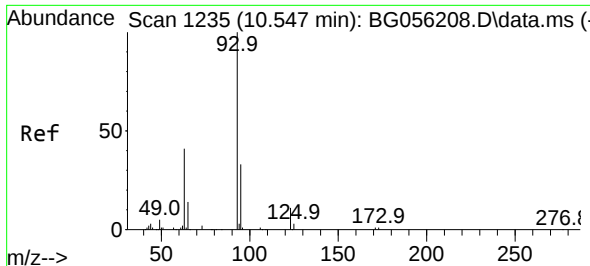


#26
2,4-Dimethylphenol
Concen: 4.278 ng/ul
RT: 10.304 min Scan# 1194
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



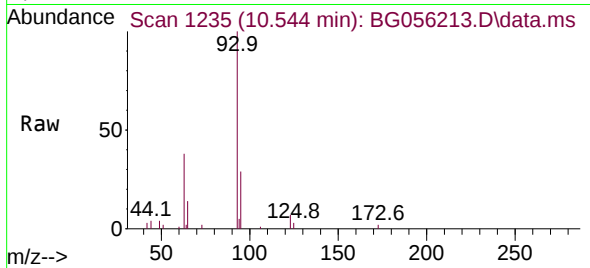
Tgt Ion:107 Resp: 17286
Ion Ratio Lower Upper
107 100
121 50.4 40.5 60.7
122 82.7 66.8 100.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.426 ng/ul
 RT: 10.544 min Scan# 1235
 Delta R.T. 0.001 min
 Lab File: BG056213.D
 Acq: 5 Jan 2023 14:30

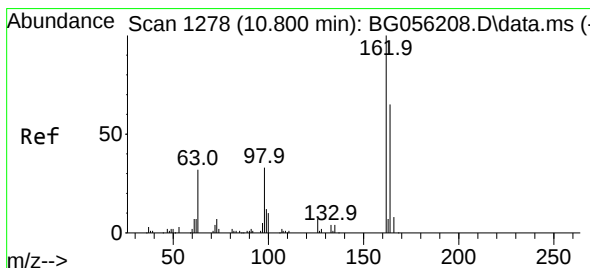
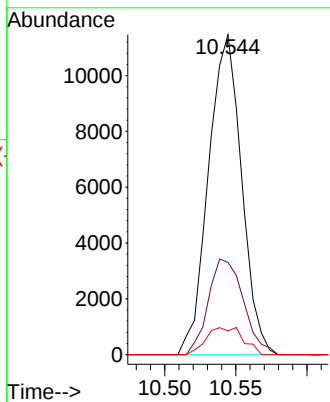
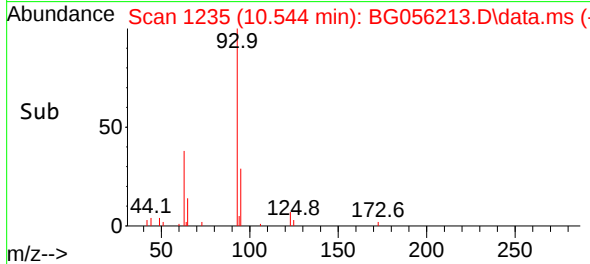
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 93 Resp: 1855
 Ion Ratio Lower Upper
 93 100
 95 28.8 25.4 38.0
 123 7.4 8.5 12.7

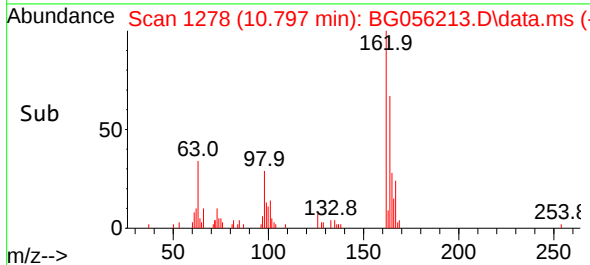
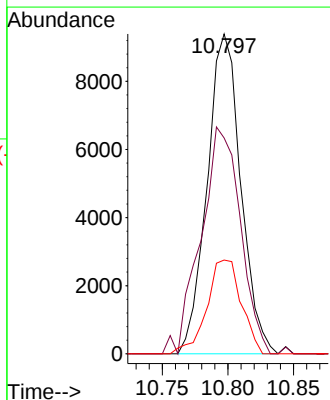
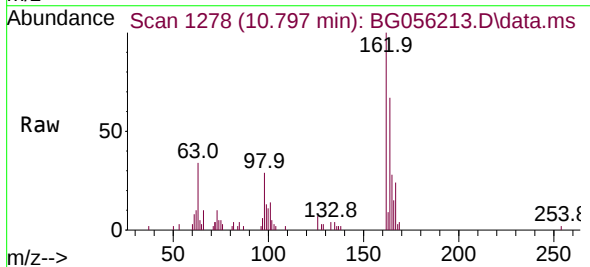
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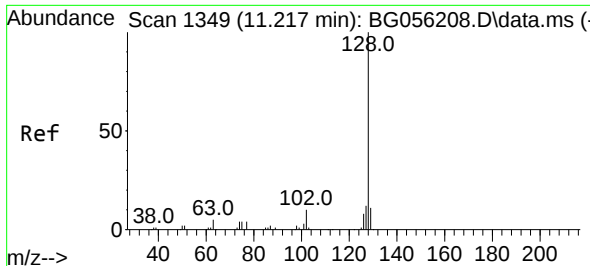
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023



#29
 2,4-Dichlorophenol
 Concen: 4.370 ng/ul
 RT: 10.797 min Scan# 1278
 Delta R.T. -0.005 min
 Lab File: BG056213.D
 Acq: 5 Jan 2023 14:30

Tgt Ion:162 Resp: 16791
 Ion Ratio Lower Upper
 162 100
 164 67.5 52.5 78.7
 98 29.3 24.7 37.1





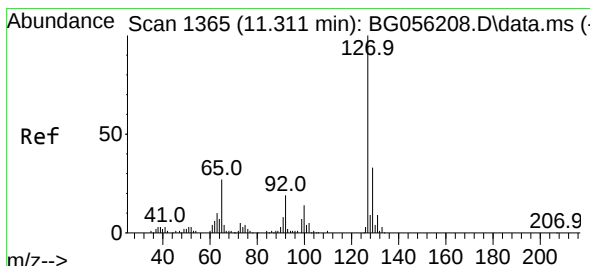
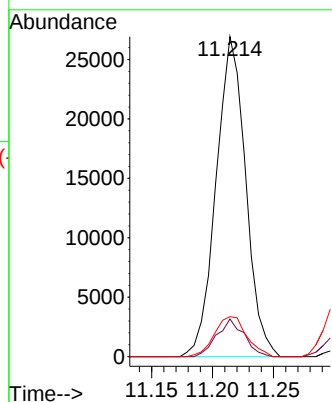
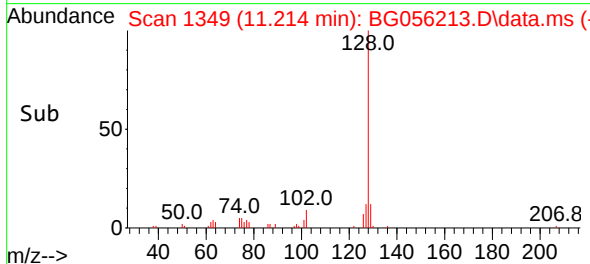
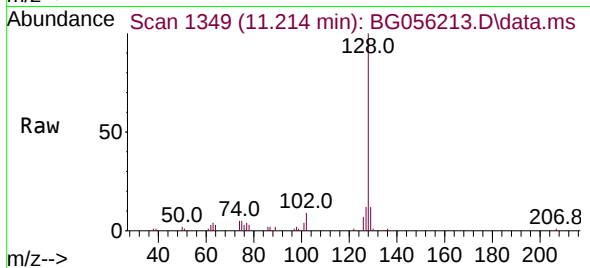
#30
Naphthalene
Concen: 4.388 ng/ul
RT: 11.214 min Scan# 1349
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:128 Resp: 45476
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 12.5 10.9 16.3

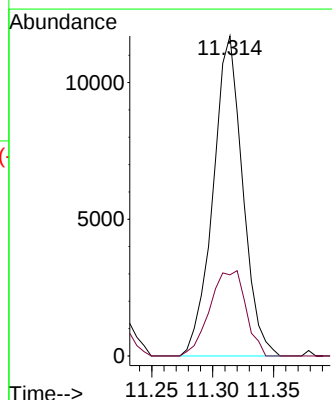
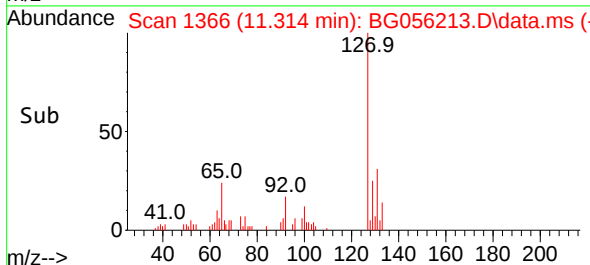
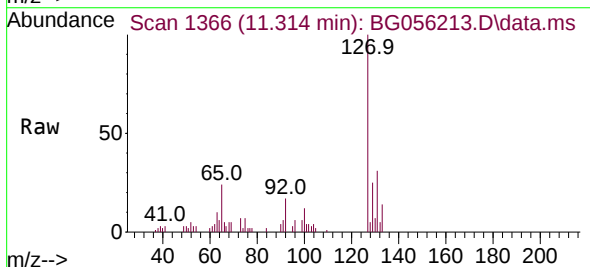
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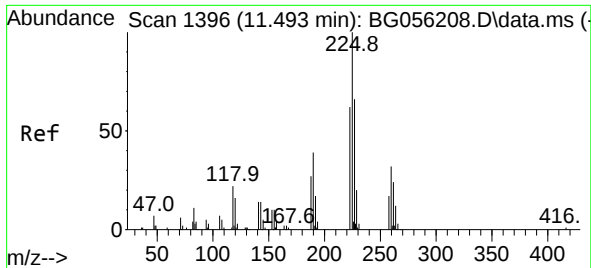
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#32
4-Chloroaniline
Concen: 4.223 ng/ul
RT: 11.314 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

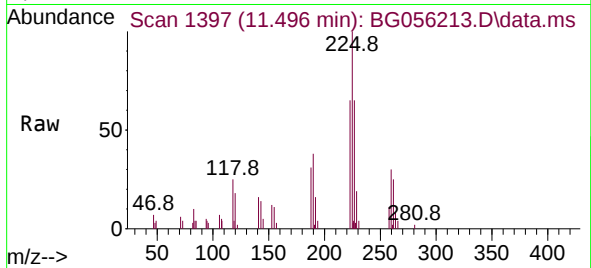
Tgt Ion:127 Resp: 19787
Ion Ratio Lower Upper
127 100
129 25.3 23.5 35.3





#33
Hexachlorobutadiene
Concen: 4.442 ng/ul
RT: 11.496 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

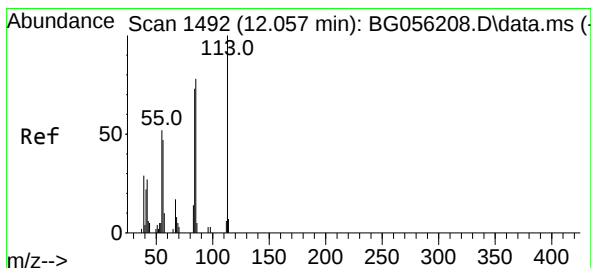
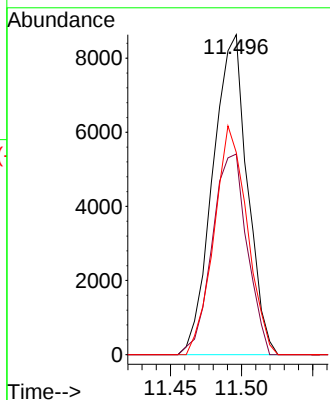
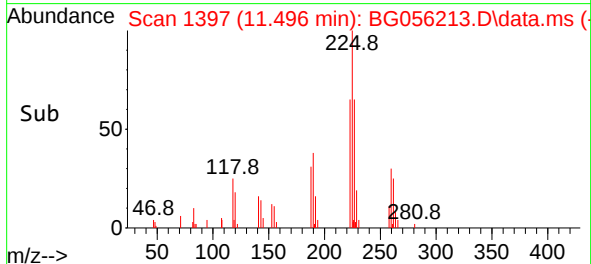
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:225 Resp: 1464
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.6
227 66.4 51.8 77.6

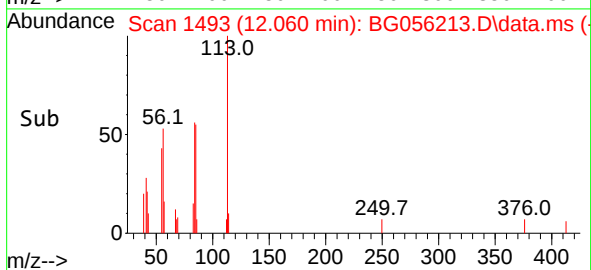
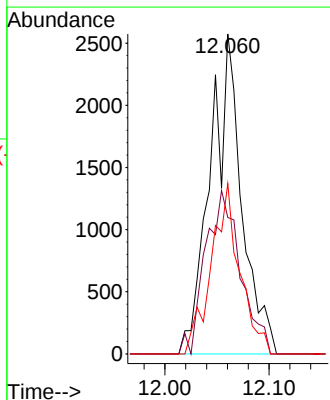
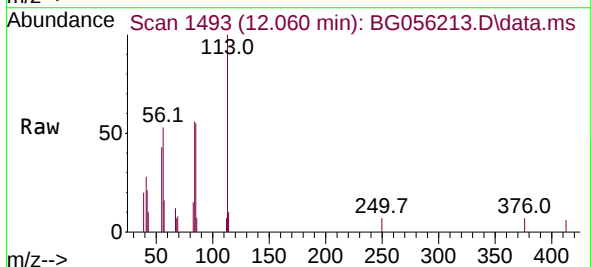
Manual Integrations
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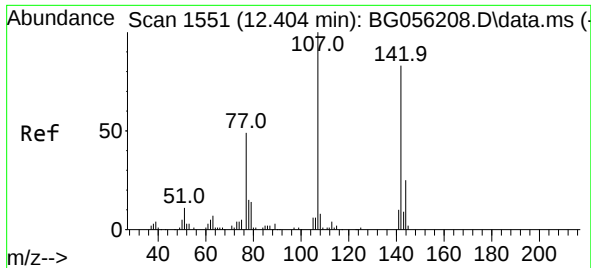
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#34
Caprolactam
Concen: 4.488 ng/ul m
RT: 12.060 min Scan# 1493
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Tgt Ion:113 Resp: 5412
Ion Ratio Lower Upper
113 100
55 42.6 39.3 58.9
56 53.2 39.5 59.3





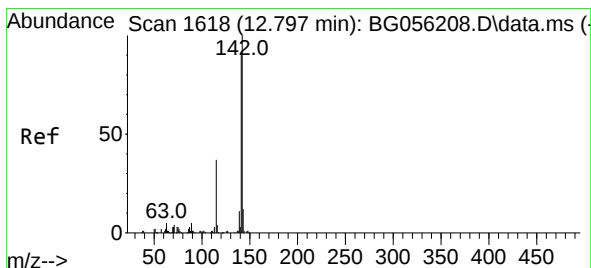
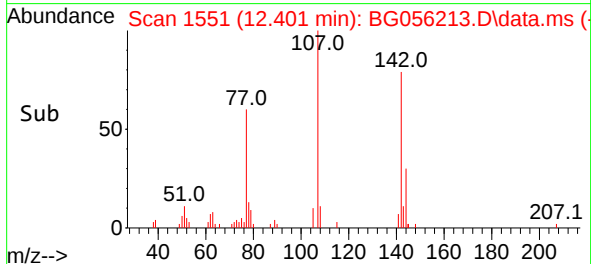
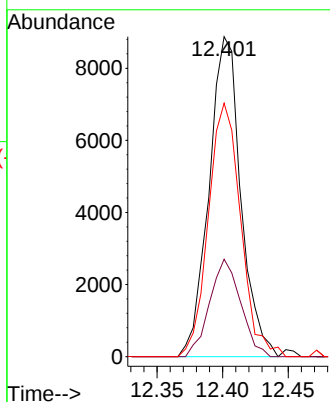
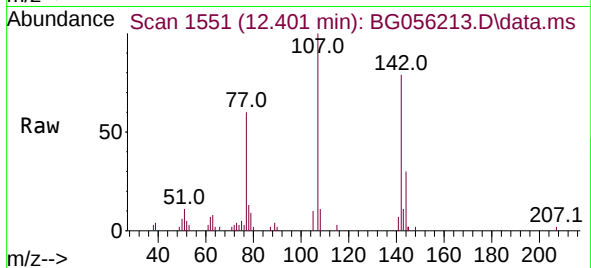
#35
4-Chloro-3-methylphenol
Concen: 3.971 ng/ul
RT: 12.401 min Scan# 1551
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion:107 Resp: 14970
Ion Ratio Lower Upper
107 100
144 30.4 21.0 31.6
142 79.2 67.9 101.9

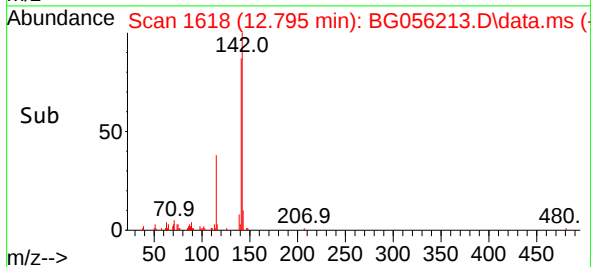
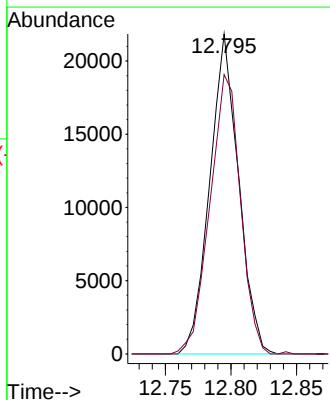
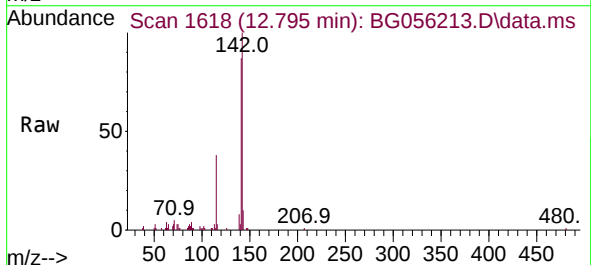
Manual Integrations
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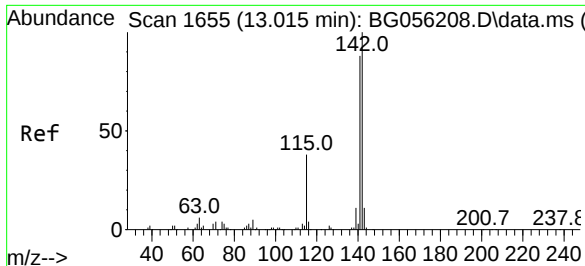
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#36
2-Methylnaphthalene
Concen: 4.225 ng/ul
RT: 12.795 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

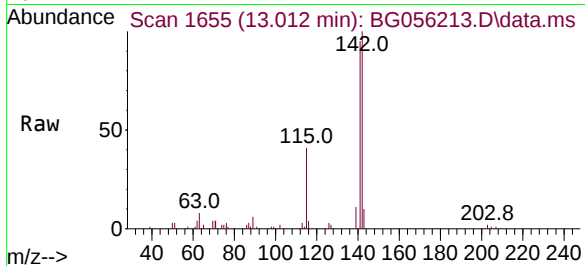
Tgt Ion:142 Resp: 33437
Ion Ratio Lower Upper
142 100
141 87.3 71.6 107.4





#37
1-Methylnaphthalene
Concen: 3.415 ng/ul
RT: 13.012 min Scan# 1655
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

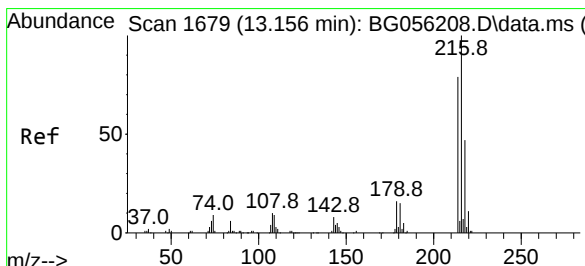
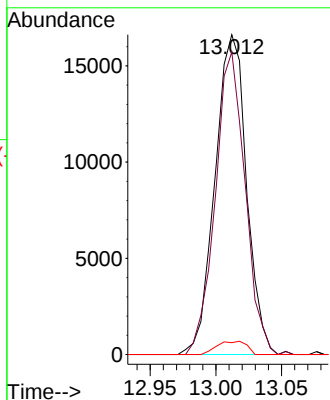
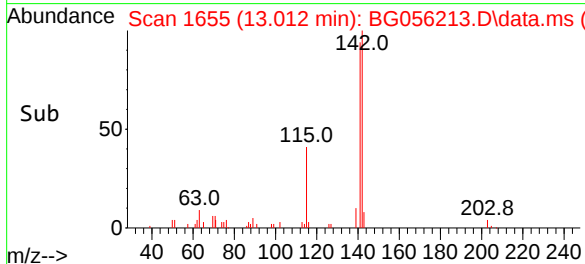
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



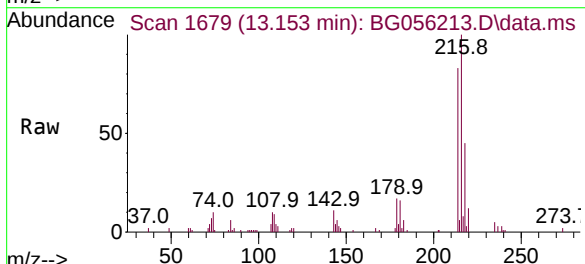
Tgt Ion:142 Resp: 2780
Ion Ratio Lower Upper
142 100
141 94.6 71.7 107.5
116 3.7 3.4 5.0

Manual Integrations
APPROVED

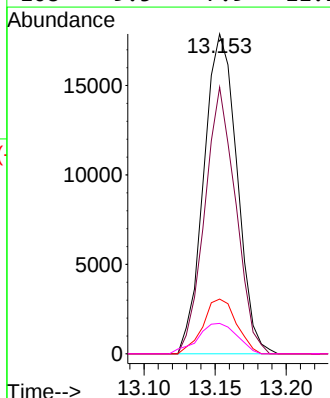
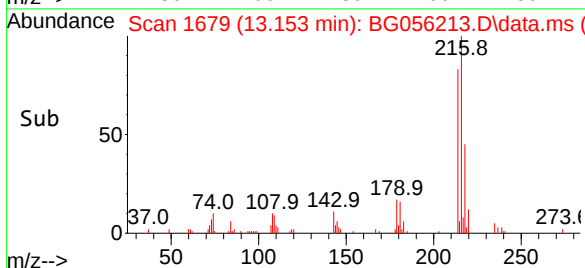
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

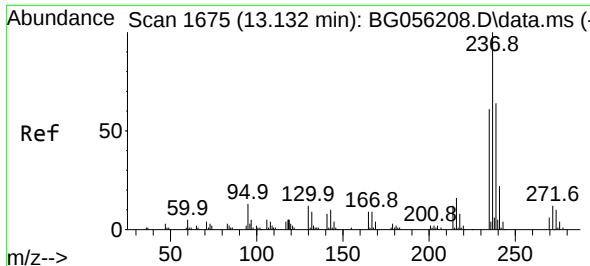


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.394 ng/ul
RT: 13.153 min Scan# 1679
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



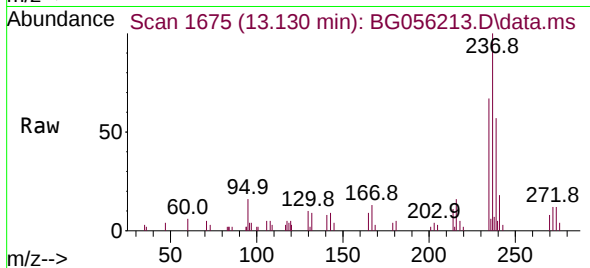
Tgt Ion:216 Resp: 29099
Ion Ratio Lower Upper
216 100
214 89.3 62.0 93.0
179 17.1 13.8 20.8
108 9.5 7.9 11.9





#40
Hexachlorocyclopentadiene
Concen: 3.031 ng/ul
RT: 13.130 min Scan# 1675
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

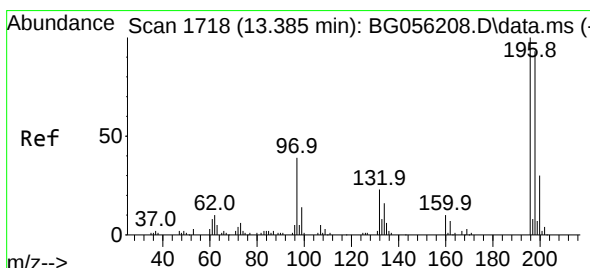
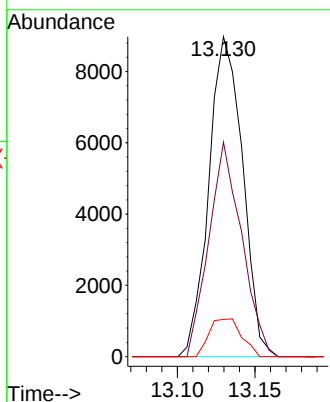
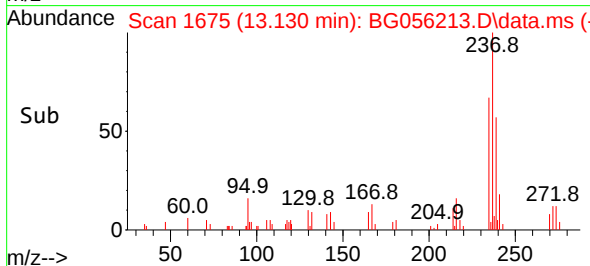
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



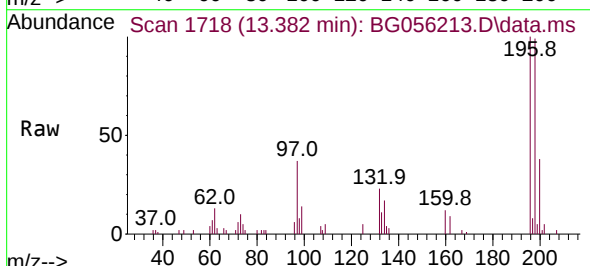
Tgt Ion:237 Resp: 13646
Ion Ratio Lower Upper
237 100
235 62.4 48.6 72.8
272 10.8 10.2 15.4

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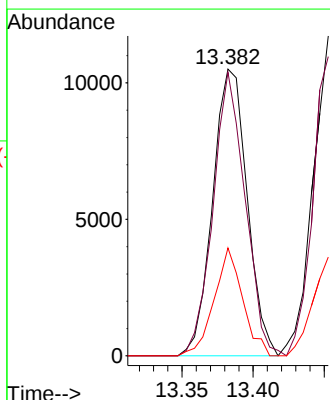
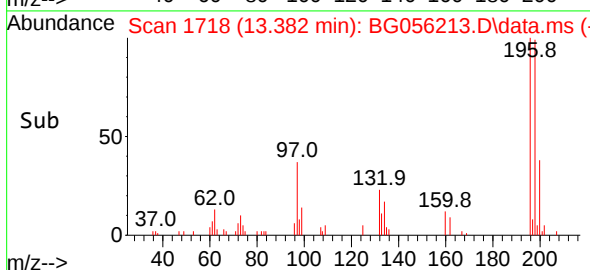
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

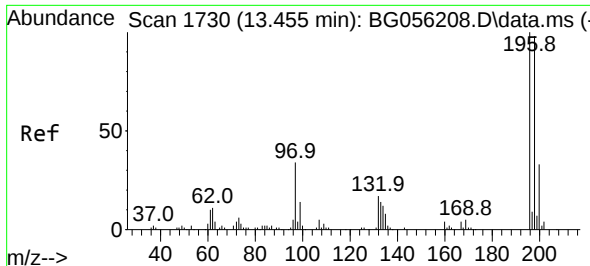


#41
2,4,6-Trichlorophenol
Concen: 4.217 ng/ul
RT: 13.382 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



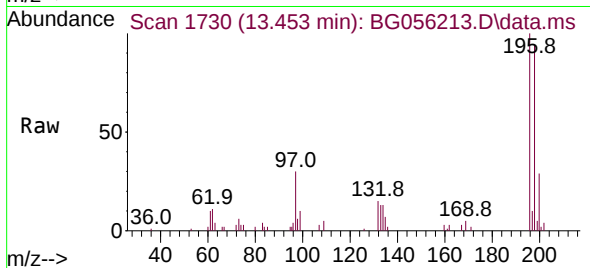
Tgt Ion:196 Resp: 17728
Ion Ratio Lower Upper
196 100
198 98.9 76.2 114.2
200 37.6 25.0 37.4#





#42
2,4,5-Trichlorophenol
Concen: 4.084 ng/ul
RT: 13.453 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

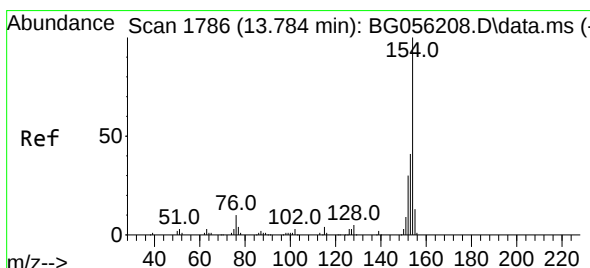
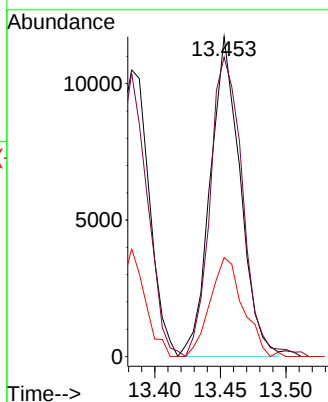
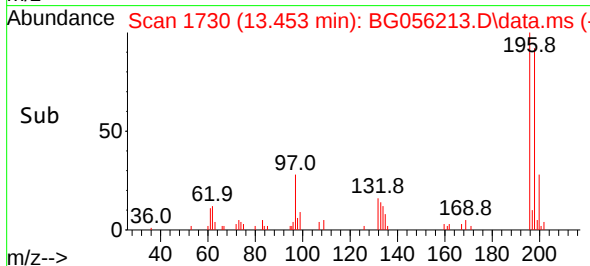
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:196 Resp: 18675
Ion Ratio Lower Upper
196 100
198 93.6 80.2 120.4
200 30.9 23.6 35.4

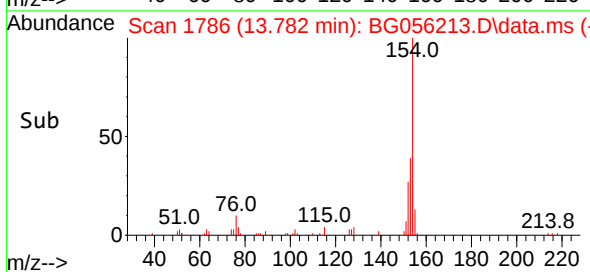
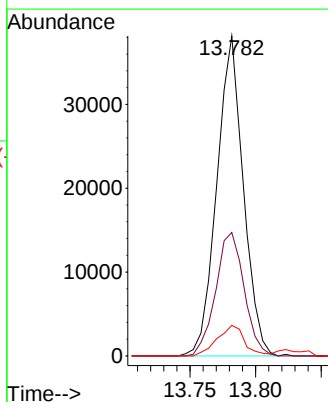
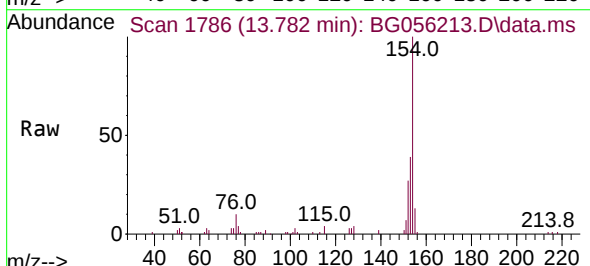
Manual Integrations
APPROVED

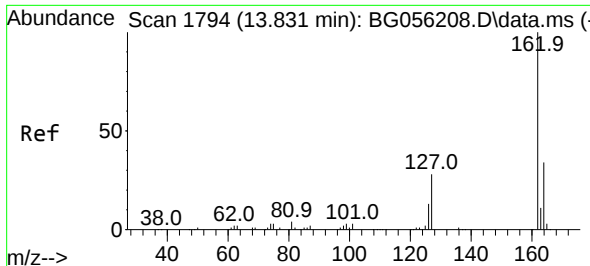
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#43
1,1'-Biphenyl
Concen: 4.354 ng/ul
RT: 13.782 min Scan# 1786
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

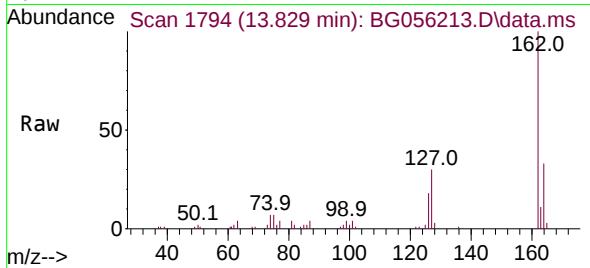
Tgt Ion:154 Resp: 53602
Ion Ratio Lower Upper
154 100
153 38.6 34.0 51.0
76 9.5 8.5 12.7





#44
2-Chloronaphthalene
Concen: 4.410 ng/ul
RT: 13.829 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

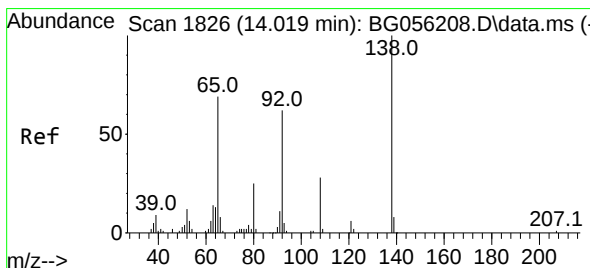
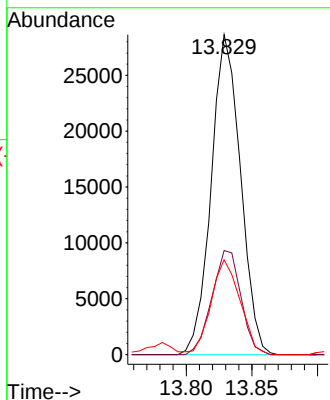
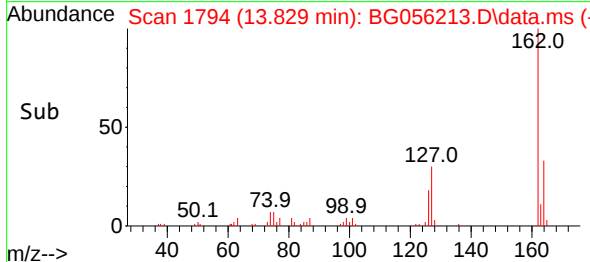
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:162 Resp: 44531
Ion Ratio Lower Upper
162 100
164 32.5 25.9 38.9
127 29.6 24.6 36.8

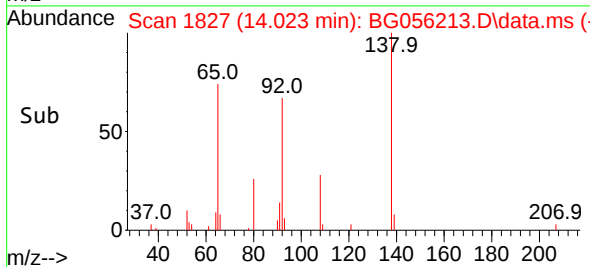
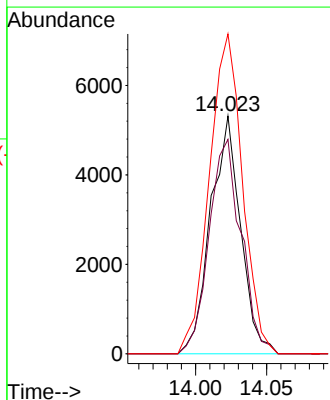
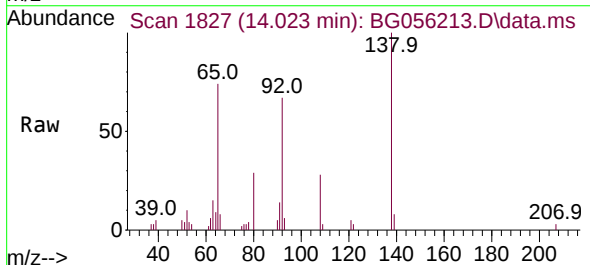
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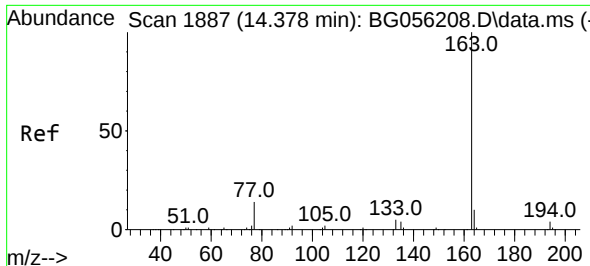
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#45
2-Nitroaniline
Concen: 4.052 ng/ul
RT: 14.023 min Scan# 1827
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

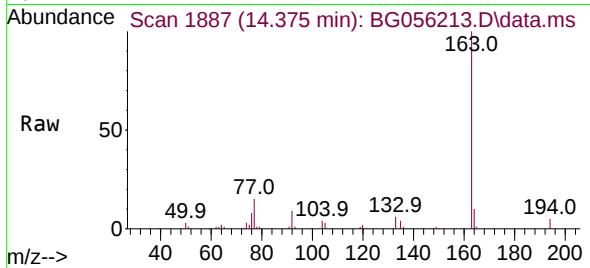
Tgt Ion: 65 Resp: 7808
Ion Ratio Lower Upper
65 100
92 90.2 68.2 102.2
138 134.5 109.7 164.5





#47
Dimethylphthalate
Concen: 4.315 ng/ul
RT: 14.375 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

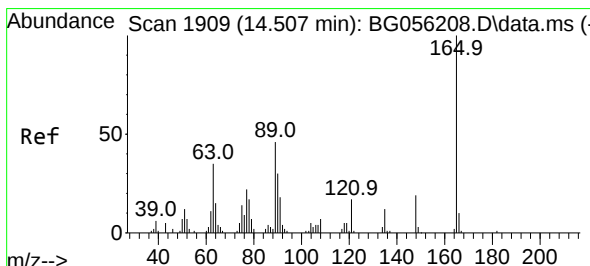
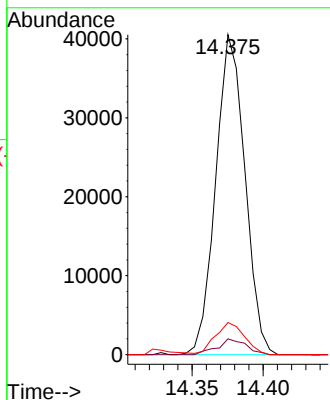
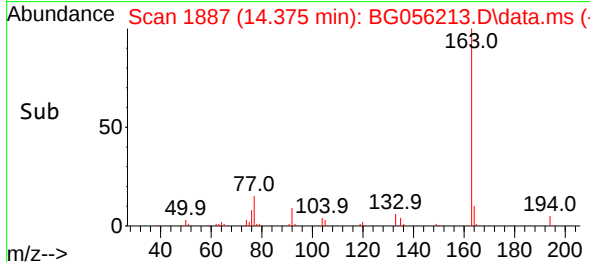
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:163 Resp: 57879
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 10.0 8.6 12.8

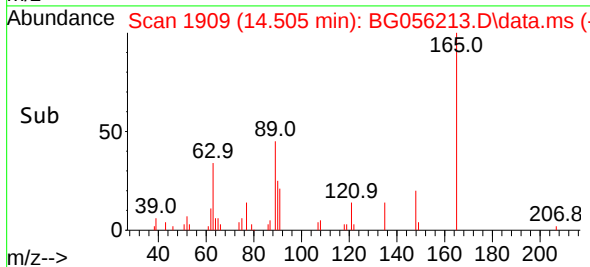
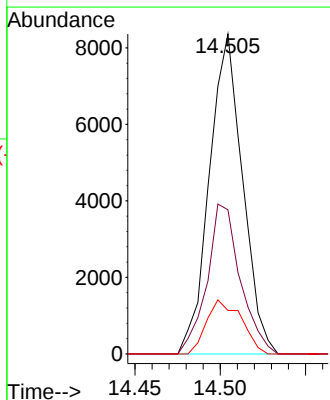
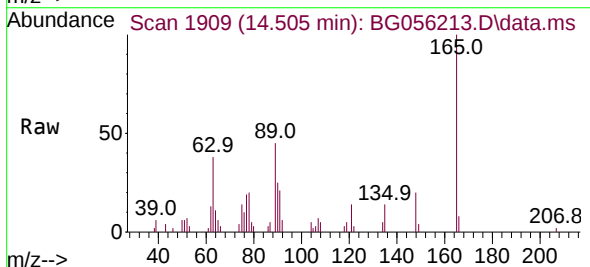
Manual Integrations
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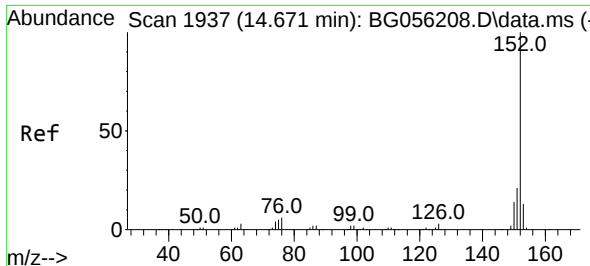
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#48
2,6-Dinitrotoluene
Concen: 4.024 ng/ul
RT: 14.505 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

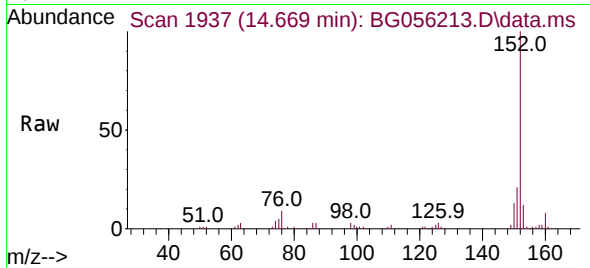
Tgt Ion:165 Resp: 11333
Ion Ratio Lower Upper
165 100
89 45.0 36.2 54.4
121 13.6 12.2 18.4





#50
Acenaphthylene
Concen: 4.263 ng/ul
RT: 14.669 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

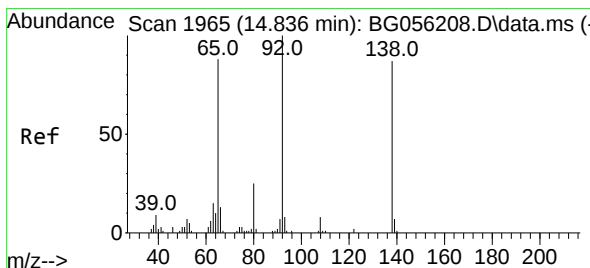
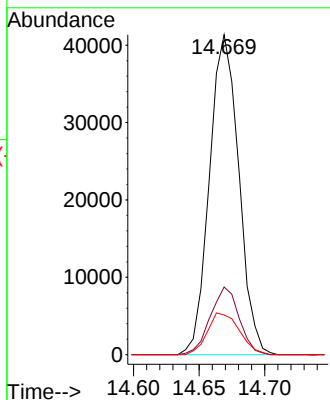
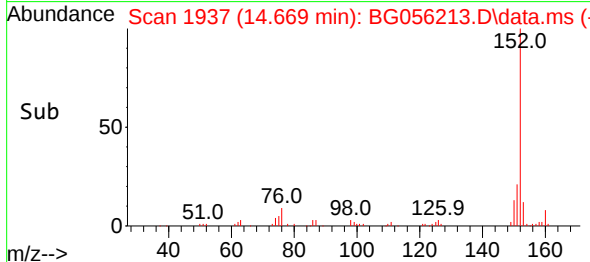
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



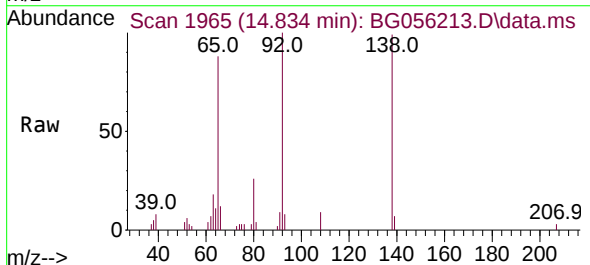
Tgt Ion:152 Resp: 64385
Ion Ratio Lower Upper
152 100
151 21.1 15.4 23.2
153 12.4 10.5 15.7

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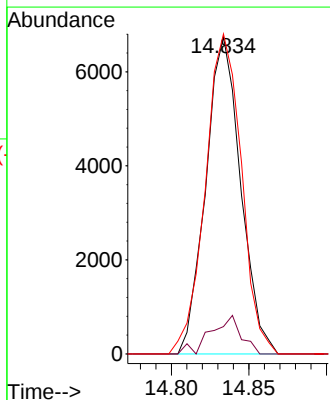
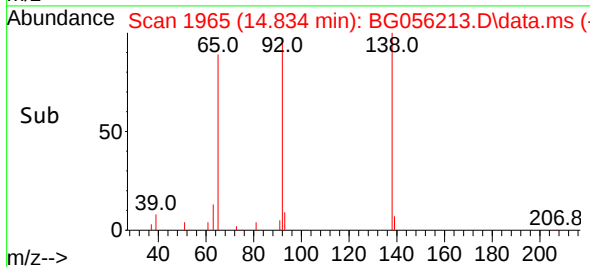
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

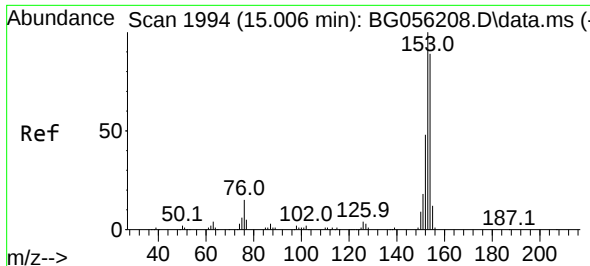


#51
3-Nitroaniline
Concen: 4.955 ng/ul
RT: 14.834 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



Tgt Ion:138 Resp: 10569
Ion Ratio Lower Upper
138 100
108 8.6 8.3 12.5
92 100.8 85.2 127.8





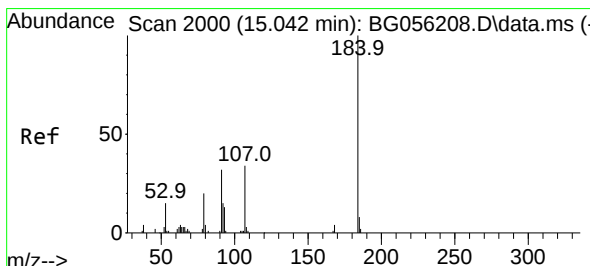
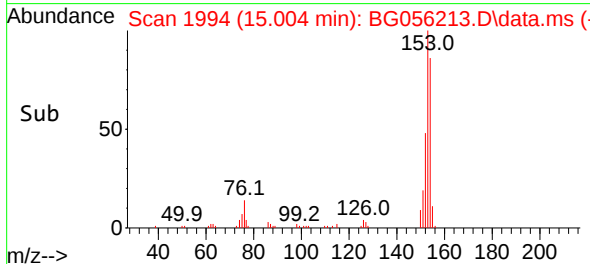
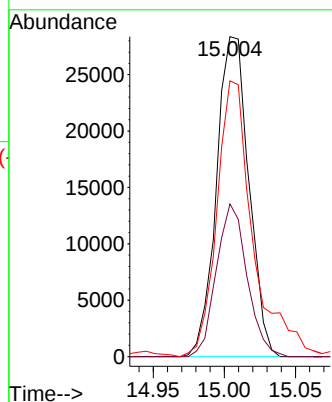
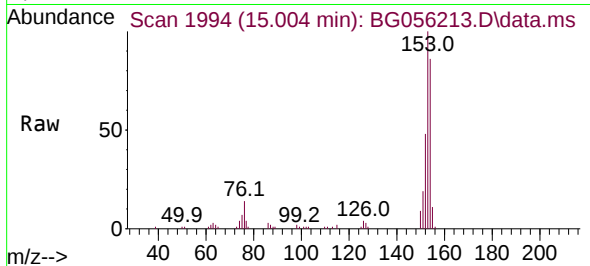
#52
Acenaphthene
Concen: 4.303 ng/u1
RT: 15.004 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:153 Resp: 44963
Ion Ratio Lower Upper
153 100
152 47.7 38.0 57.0
154 86.2 67.7 101.5

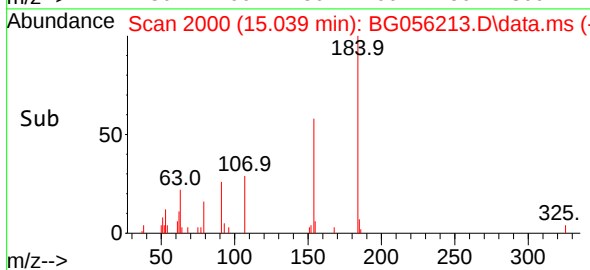
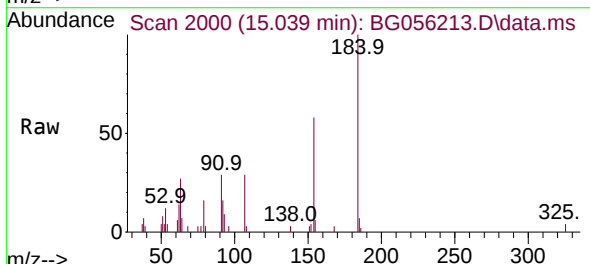
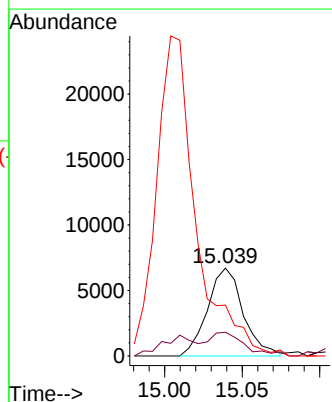
Manual Integrations
APPROVED

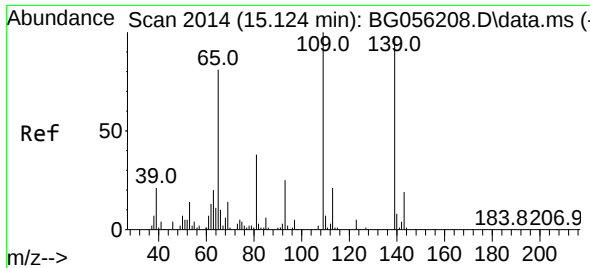
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#53
2,4-Dinitrophenol
Concen: 5.311 ng/u1
RT: 15.039 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

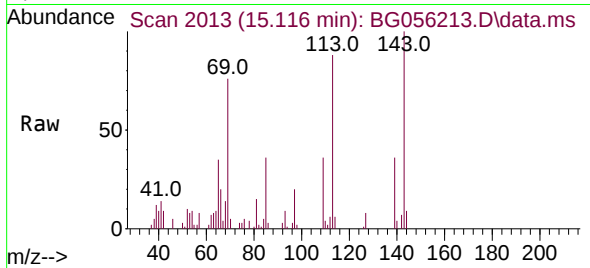
Tgt Ion:184 Resp: 10698
Ion Ratio Lower Upper
184 100
63 27.0 22.4 33.6
154 57.9 42.2 63.4





#55
4-Nitrophenol
Concen: 4.052 ng/ul
RT: 15.116 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

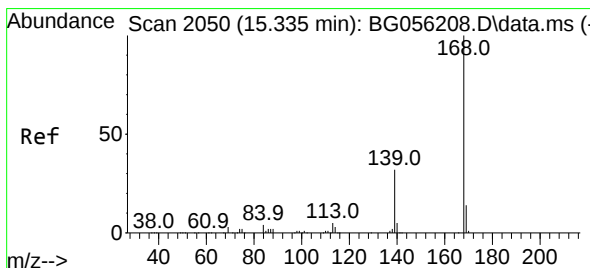
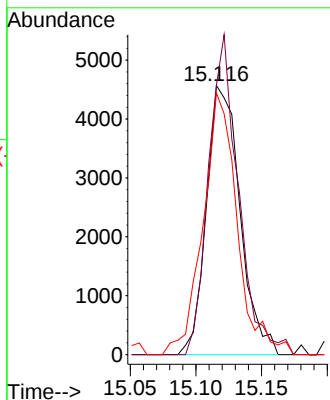
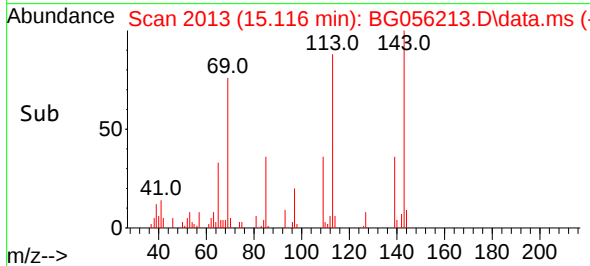
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:109 Resp: 8120
Ion Ratio Lower Upper
109 100
139 100.1 86.7 130.1
65 97.1 67.9 101.9

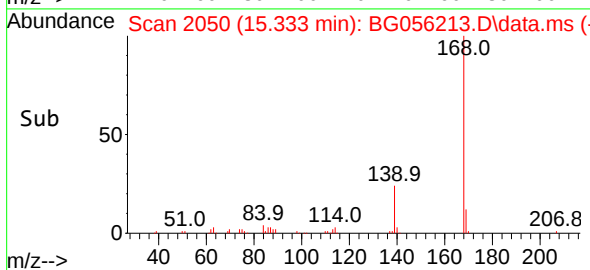
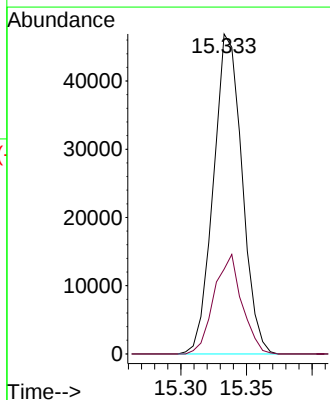
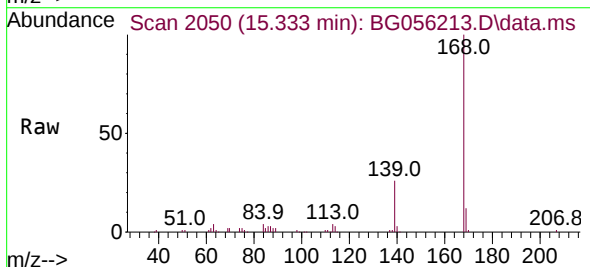
Manual Integrations
APPROVED

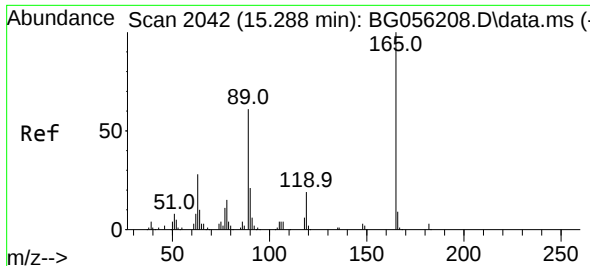
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#56
Dibenzofuran
Concen: 4.405 ng/ul
RT: 15.333 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

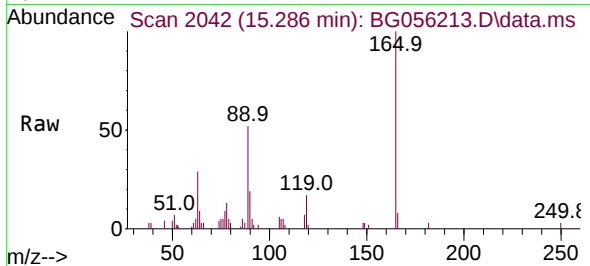
Tgt Ion:168 Resp: 71157
Ion Ratio Lower Upper
168 100
139 26.5 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 4.124 ng/ul
RT: 15.286 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

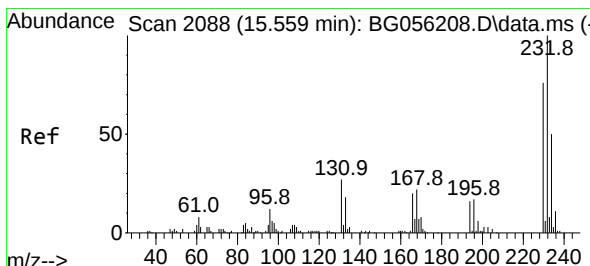
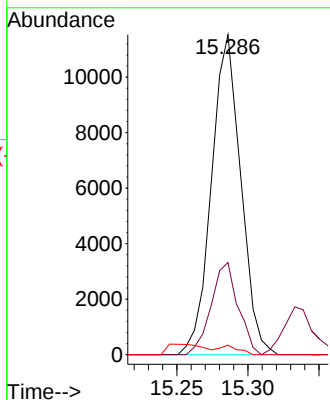
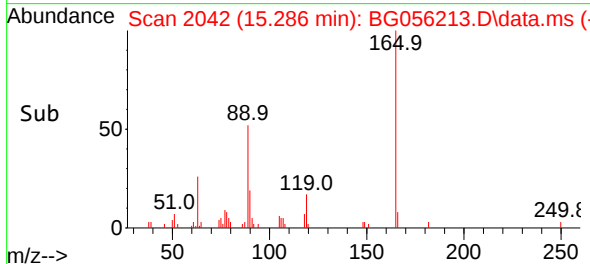
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:165 Resp: 16550
Ion Ratio Lower Upper
165 100
63 28.8 20.9 31.3
182 3.0 2.7 4.1

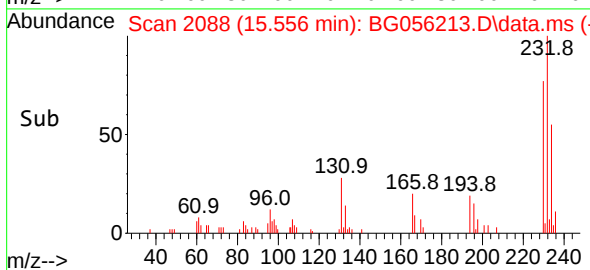
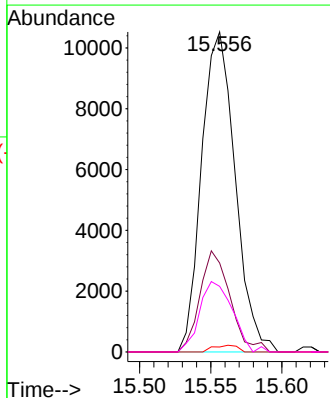
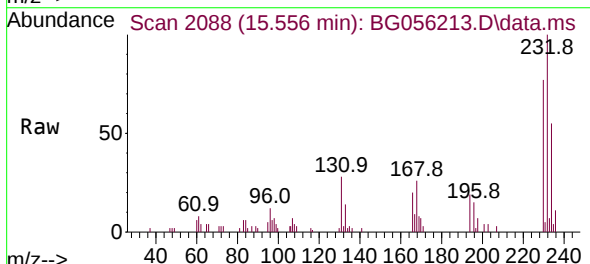
Manual Integrations
APPROVED

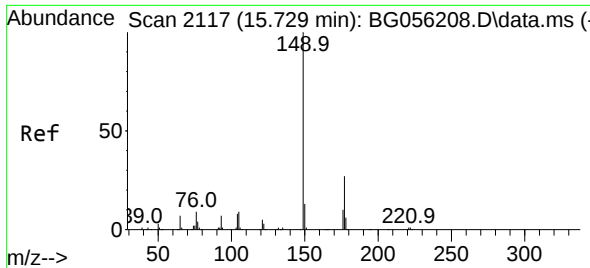
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.903 ng/ul
RT: 15.556 min Scan# 2088
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Tgt Ion:232 Resp: 17281
Ion Ratio Lower Upper
232 100
131 27.8 22.9 34.3
130 1.5 1.7 2.5#
166 20.5 17.9 26.9





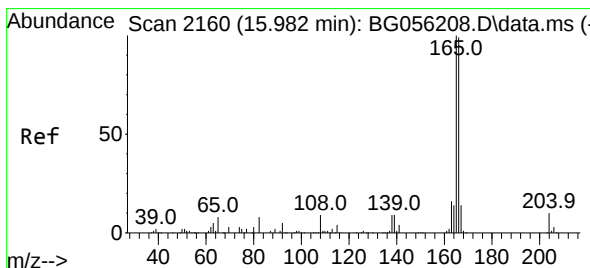
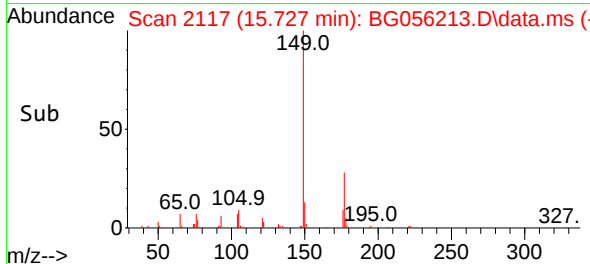
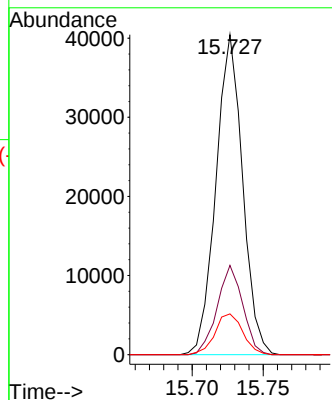
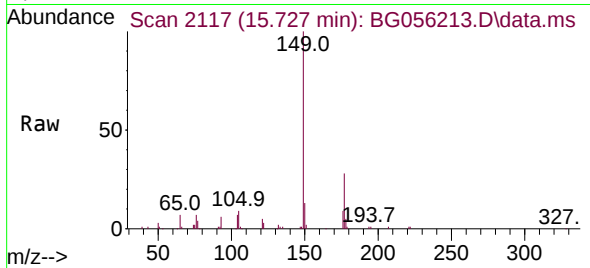
#59
Diethylphthalate
Concen: 4.227 ng/ul
RT: 15.727 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion:149 Resp: 52719
Ion Ratio Lower Upper
149 100
177 27.9 20.2 30.4
150 12.7 9.9 14.9

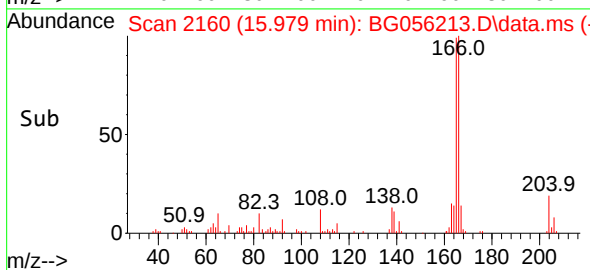
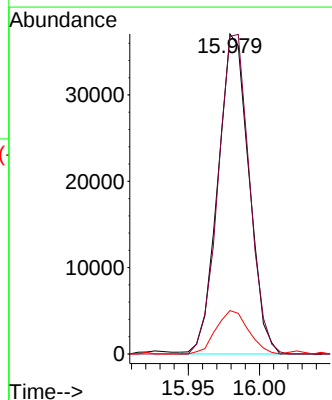
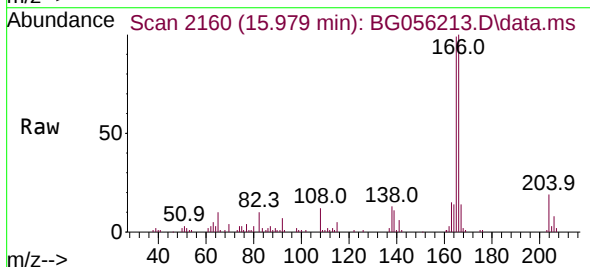
Manual Integrations
APPROVED

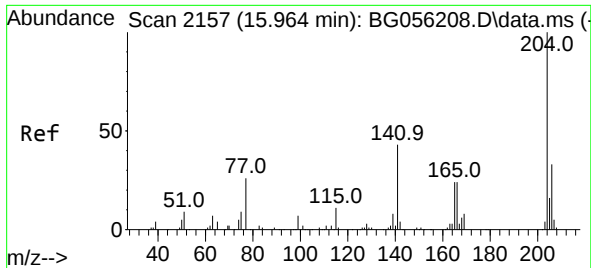
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#61
Fluorene
Concen: 4.318 ng/ul
RT: 15.979 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

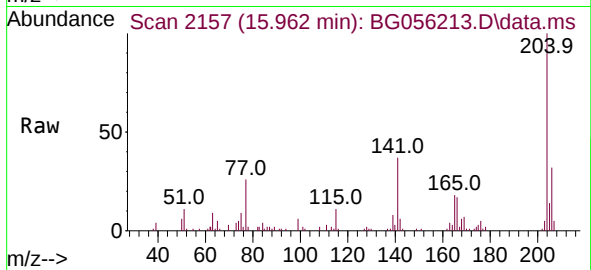
Tgt Ion:166 Resp: 56179
Ion Ratio Lower Upper
166 100
165 99.2 78.5 117.7
167 13.5 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.409 ng/ul
RT: 15.962 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

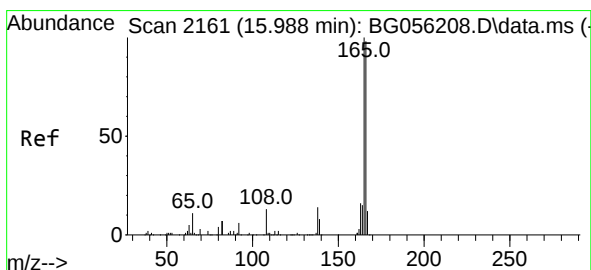
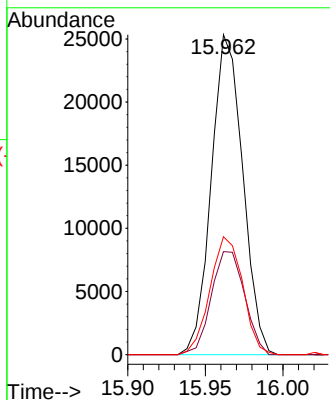
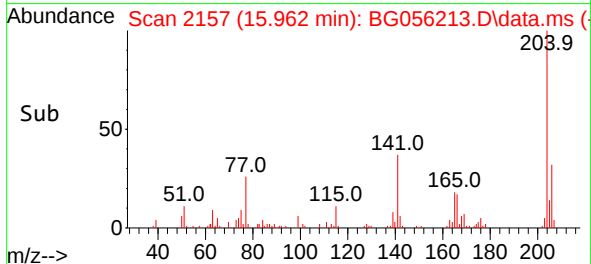
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



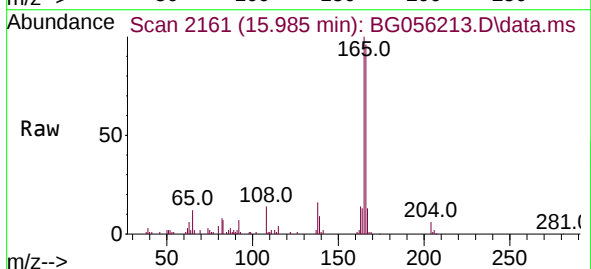
Tgt Ion:204 Resp: 35864
Ion Ratio Lower Upper
204 100
206 32.2 25.0 37.4
141 36.8 31.6 47.4

Manual Integrations
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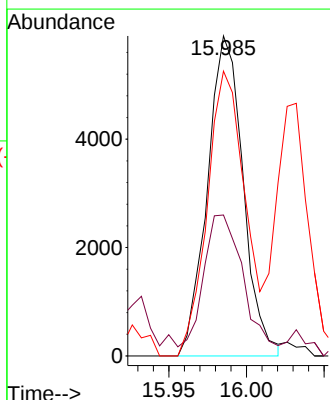
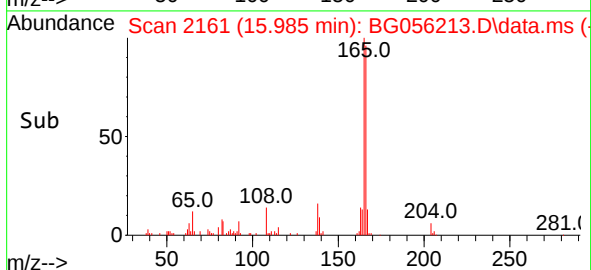
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

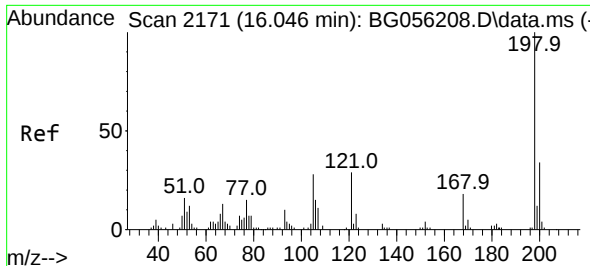


#63
4-Nitroaniline
Concen: 4.862 ng/ul
RT: 15.985 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



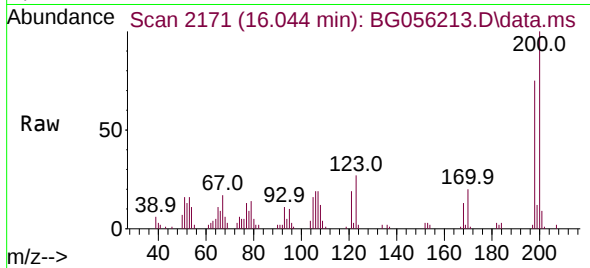
Tgt Ion:138 Resp: 9488
Ion Ratio Lower Upper
138 100
92 44.0 38.8 58.2
108 89.0 75.0 112.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.782 ng/ul
RT: 16.044 min Scan# 2171
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

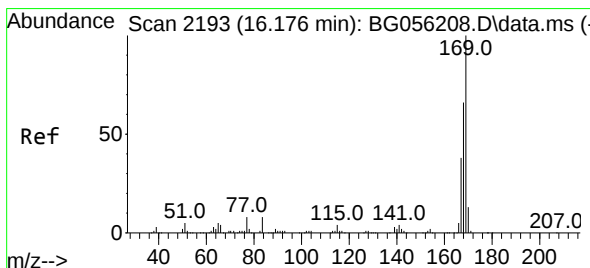
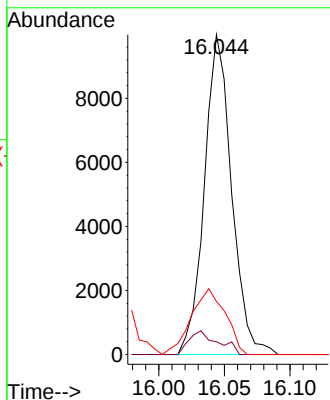
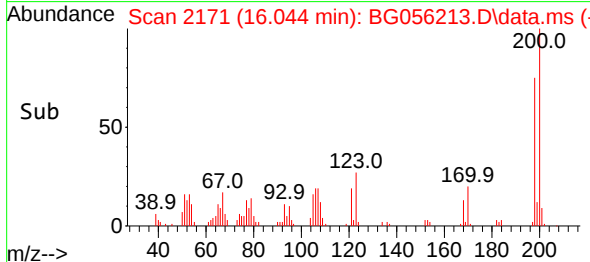
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



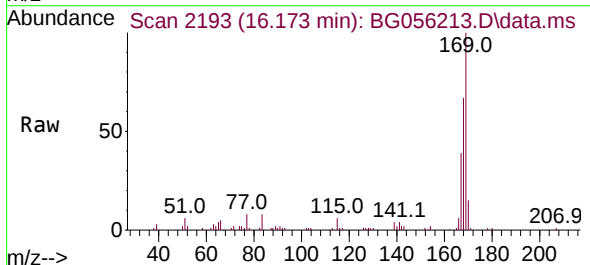
Tgt Ion:198 Resp: 14439
Ion Ratio Lower Upper
198 100
182 4.0 2.2 3.4
77 16.6 11.4 17.2

Manual Integrations
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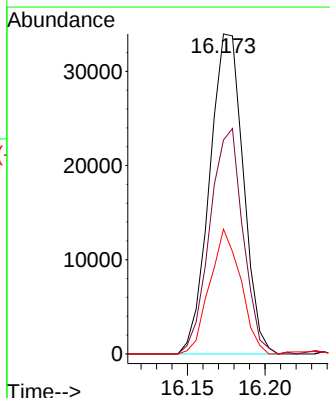
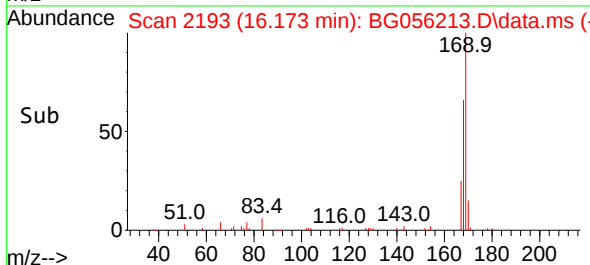
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

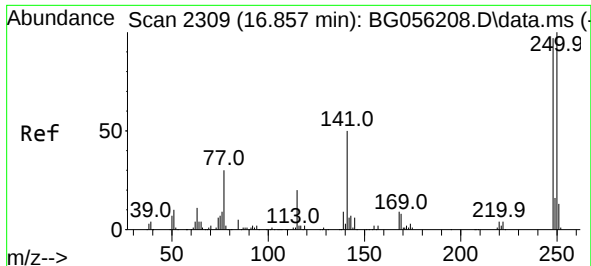


#67
N-Nitrosodiphenylamine
Concen: 4.281 ng/ul
RT: 16.173 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



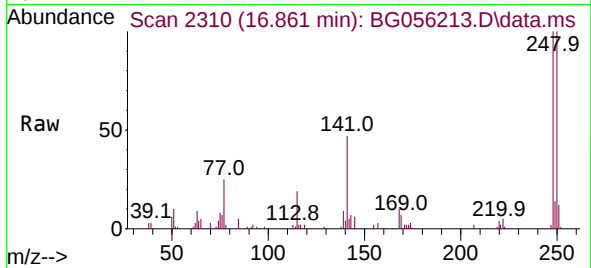
Tgt Ion:169 Resp: 51436
Ion Ratio Lower Upper
169 100
168 66.8 56.1 84.1
167 39.0 30.3 45.5





#68
4-Bromophenyl-phenylether
Concen: 4.331 ng/ul
RT: 16.861 min Scan# 2310
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

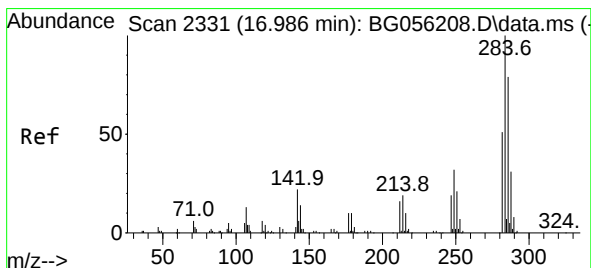
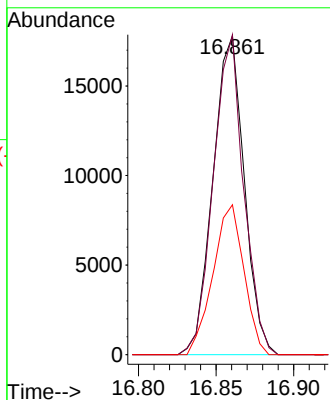
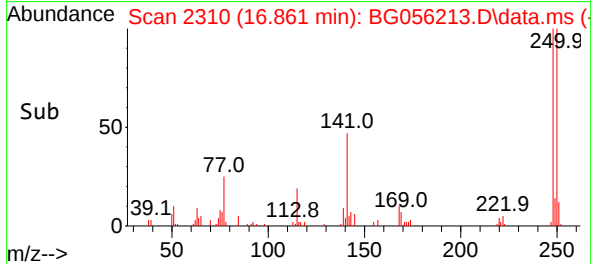
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



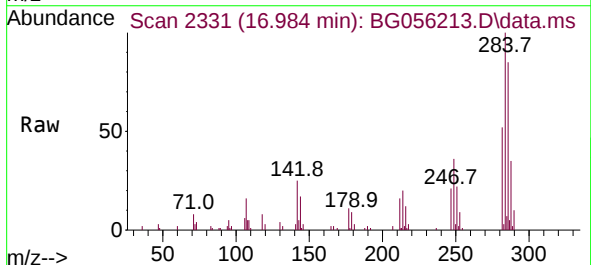
Tgt Ion:248 Resp: 2501
Ion Ratio Lower Upper
248 100
250 100.4 74.8 112.2
141 47.0 37.0 55.4

Manual Integrations
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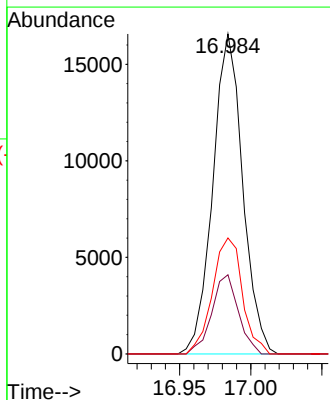
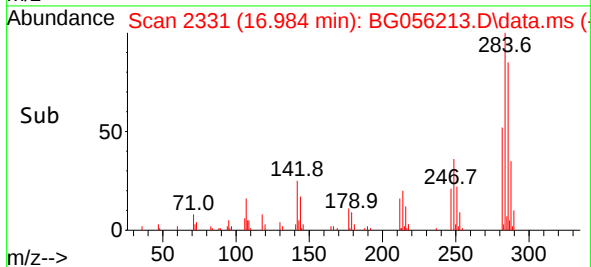
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

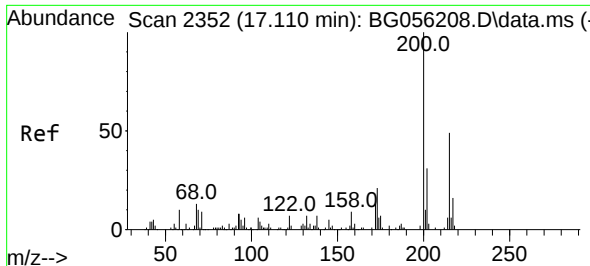


#69
Hexachlorobenzene
Concen: 4.236 ng/ul
RT: 16.984 min Scan# 2331
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



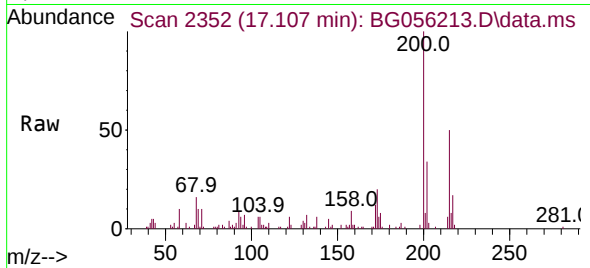
Tgt Ion:284 Resp: 24224
Ion Ratio Lower Upper
284 100
142 24.7 18.9 28.3
249 36.2 26.8 40.2





#70
Atrazine
Concen: 5.884 ng/ul
RT: 17.107 min Scan# 2352
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

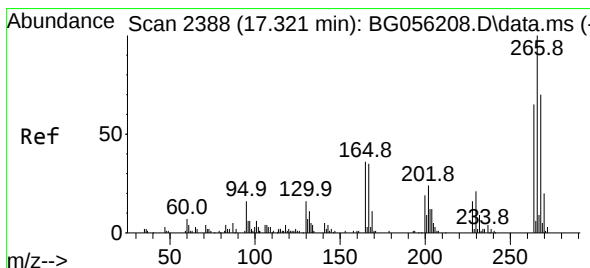
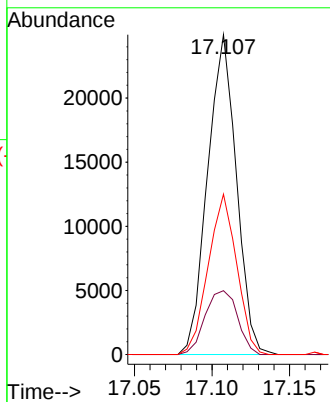
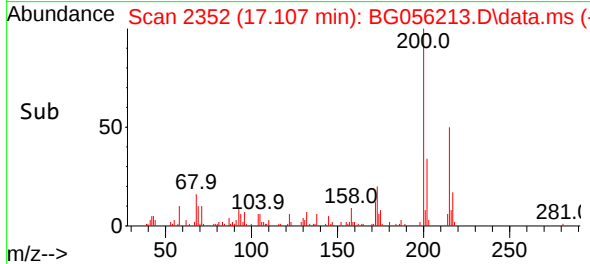
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



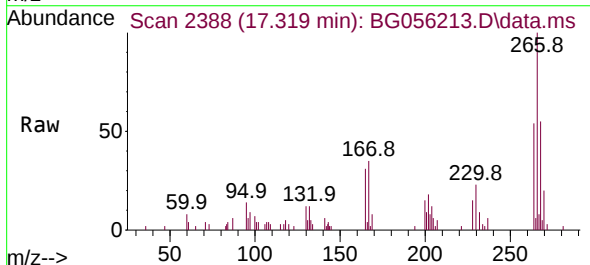
Tgt Ion:200 Resp: 32224
Ion Ratio Lower Upper
200 100
173 20.0 18.0 27.0
215 50.1 40.8 61.2

Manual Integrations
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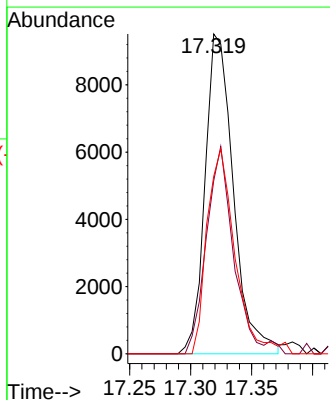
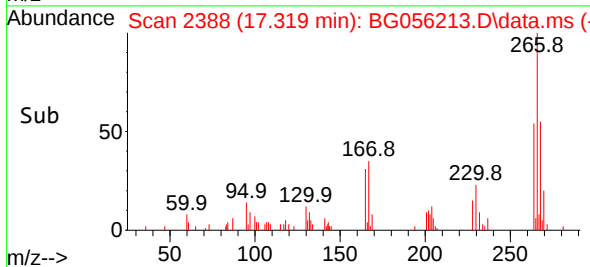
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

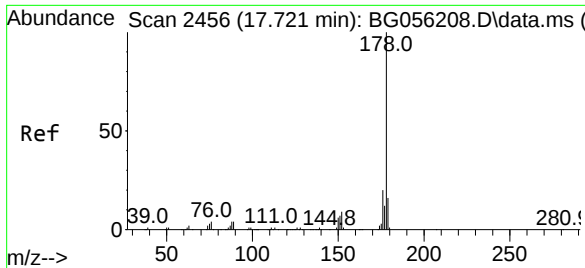


#71
Pentachlorophenol
Concen: 4.231 ng/ul
RT: 17.319 min Scan# 2388
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



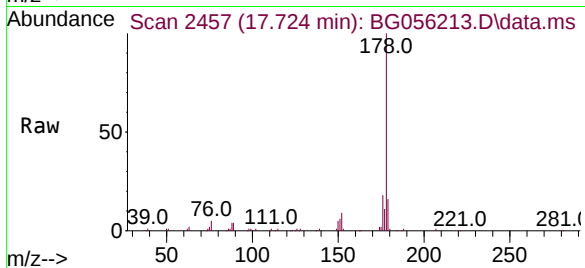
Tgt Ion:266 Resp: 15431
Ion Ratio Lower Upper
266 100
264 54.1 47.7 71.5
268 60.4 54.3 81.5





#72
Phenanthrene
Concen: 4.313 ng/ul
RT: 17.724 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

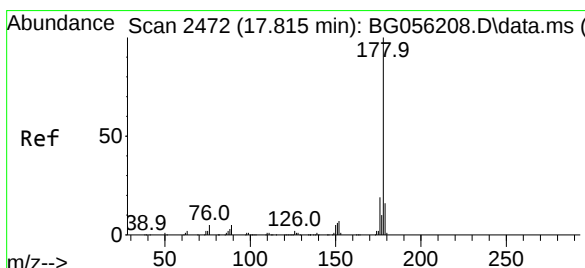
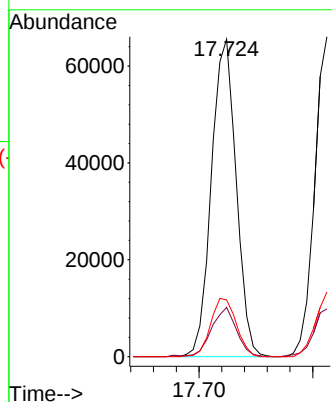
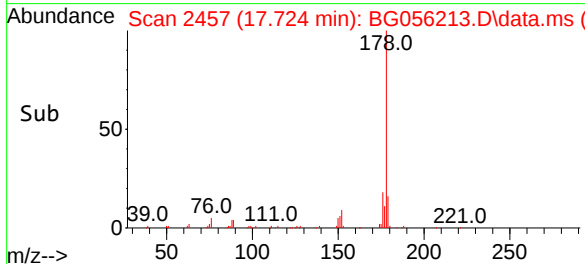
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



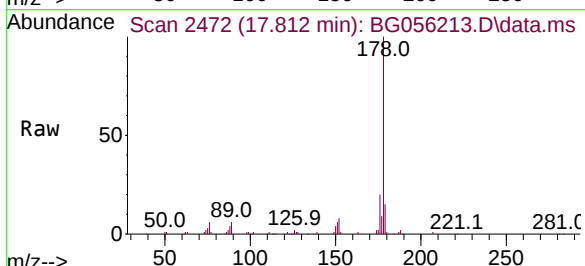
Tgt Ion:178 Resp: 99006
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 17.9 15.0 22.6

Manual Integrations
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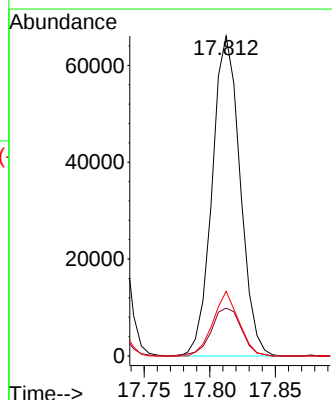
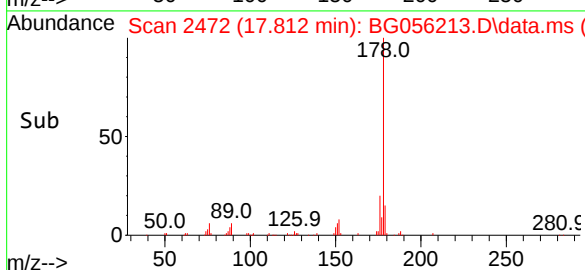
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

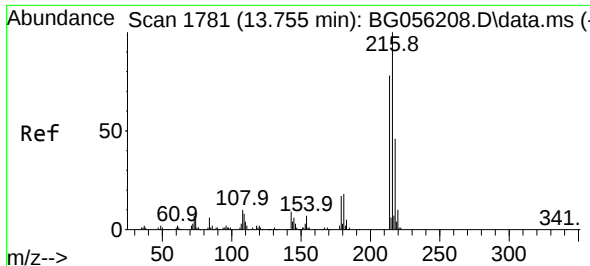


#74
Anthracene
Concen: 4.195 ng/ul
RT: 17.812 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



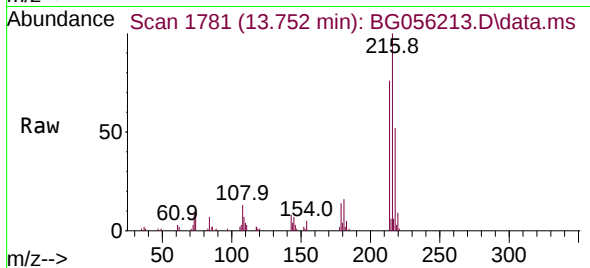
Tgt Ion:178 Resp: 97768
Ion Ratio Lower Upper
178 100
179 14.9 13.0 19.6
176 20.2 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.358 ng/uL
RT: 13.752 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

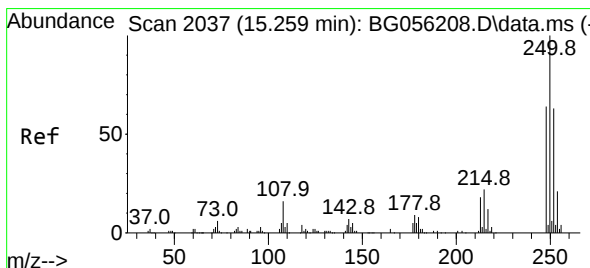
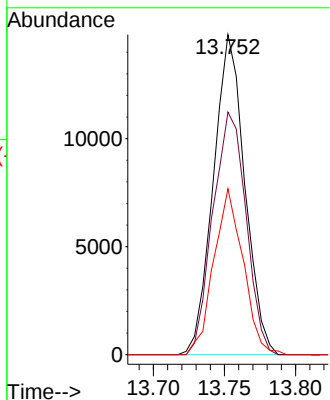
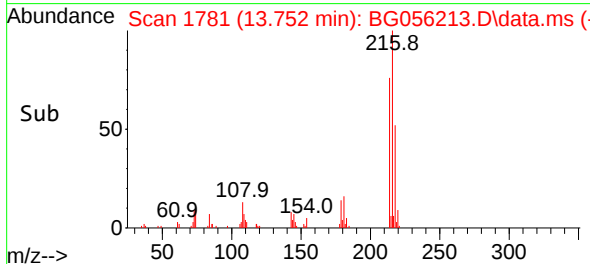
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:216 Resp: 22789
Ion Ratio Lower Upper
216 100
214 71.6 62.4 93.6
218 49.0 39.4 59.0

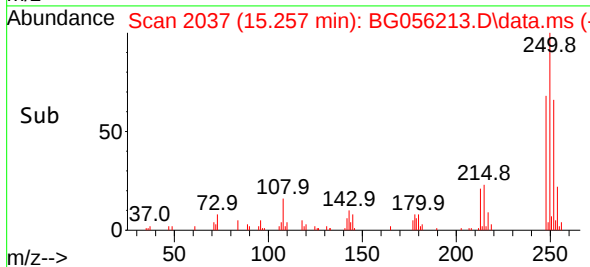
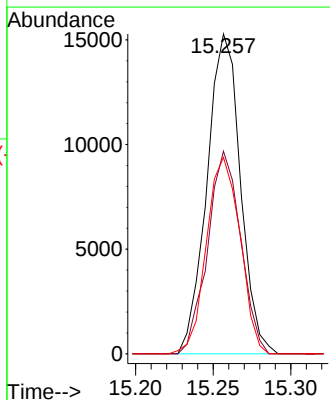
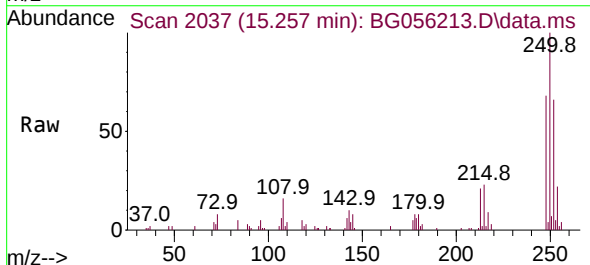
Manual Integrations
APPROVED

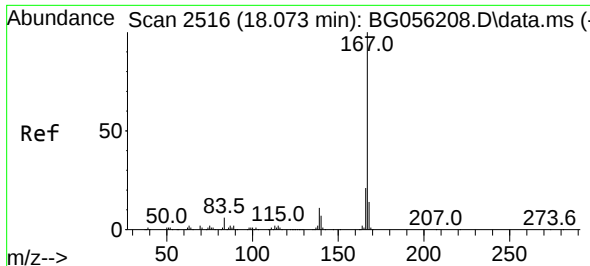
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#76
Pentachlorobenzene
Concen: 3.313 ng/uL
RT: 15.257 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

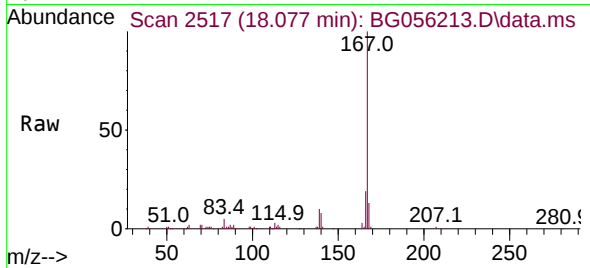
Tgt Ion:250 Resp: 23005
Ion Ratio Lower Upper
250 100
248 63.3 51.6 77.4
252 61.4 55.2 82.8





#77
 Carbazole
 Concen: 4.266 ng/ul
 RT: 18.077 min Scan# 2516
 Delta R.T. 0.001 min
 Lab File: BG056213.D
 Acq: 5 Jan 2023 14:30

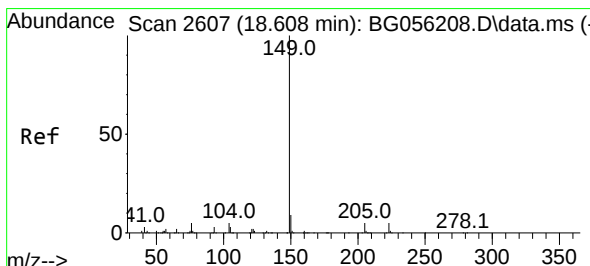
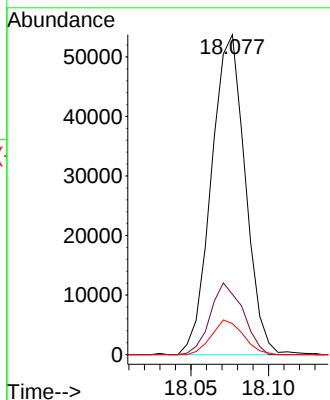
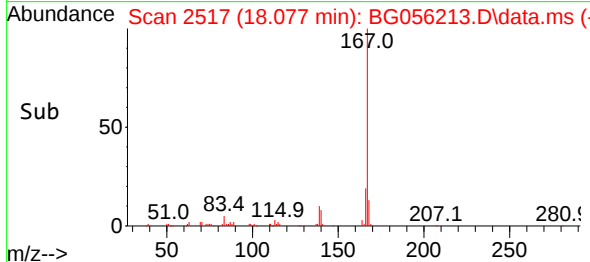
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07



Tgt Ion:167 Resp: 81608
 Ion Ratio Lower Upper
 167 100
 166 18.8 17.4 26.0
 139 9.7 8.6 12.8

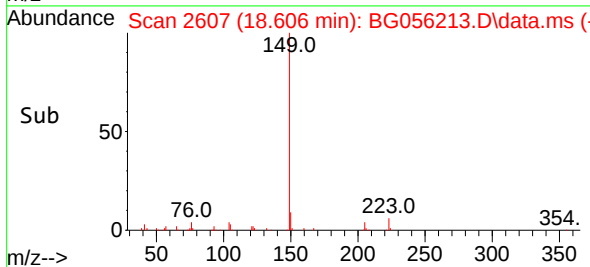
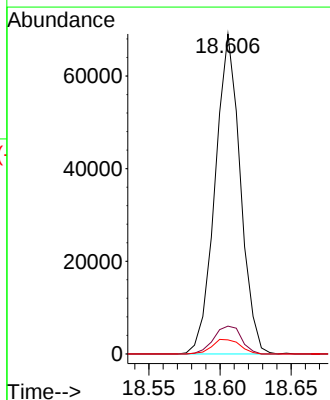
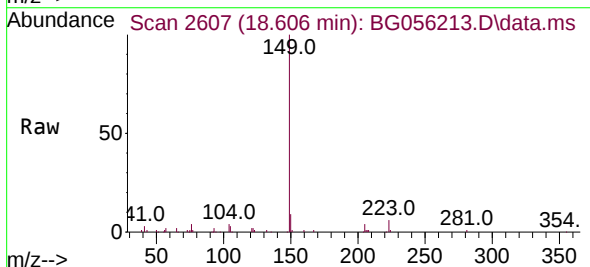
Manual Integrations
 APPROVED

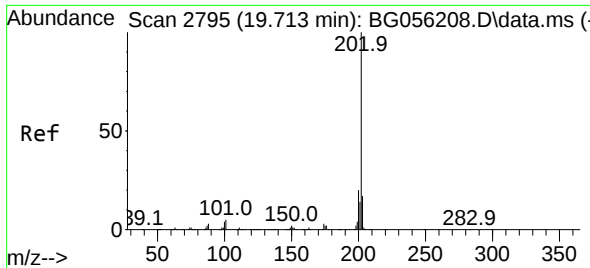
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023



#78
 Di-n-butylphthalate
 Concen: 4.223 ng/ul
 RT: 18.606 min Scan# 2607
 Delta R.T. 0.001 min
 Lab File: BG056213.D
 Acq: 5 Jan 2023 14:30

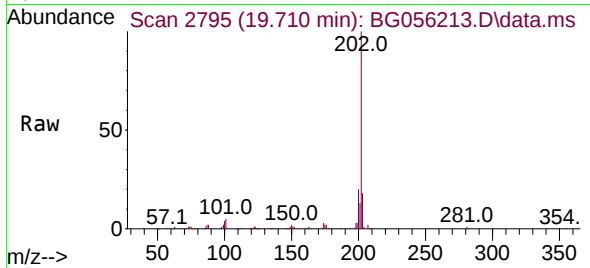
Tgt Ion:149 Resp: 85239
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.1 10.7
 104 4.4 4.2 6.4





#80
Fluoranthene
Concen: 4.344 ng/ul
RT: 19.710 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

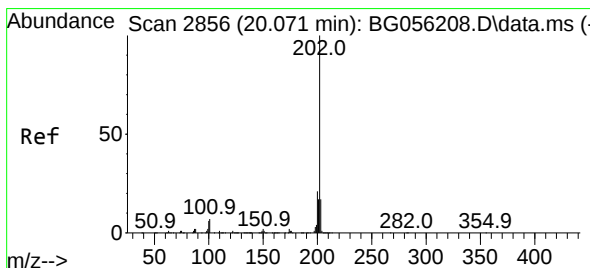
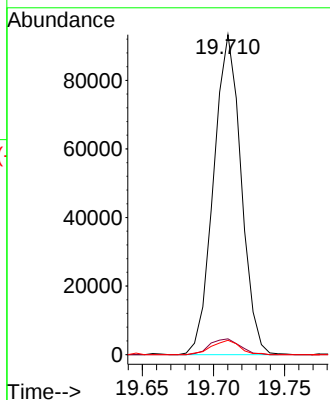
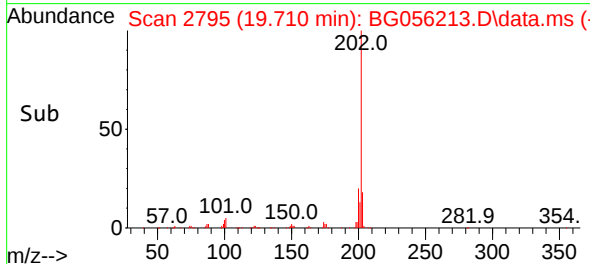
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:202 Resp: 125791
Ion Ratio Lower Upper
202 100
101 4.9 4.4 6.6
100 4.5 3.8 5.6

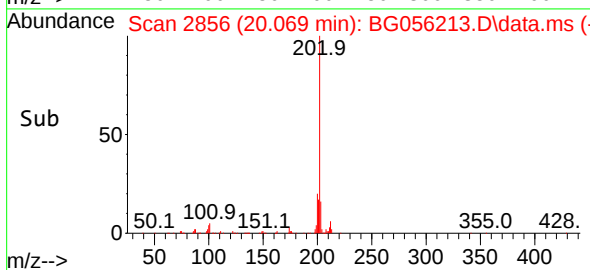
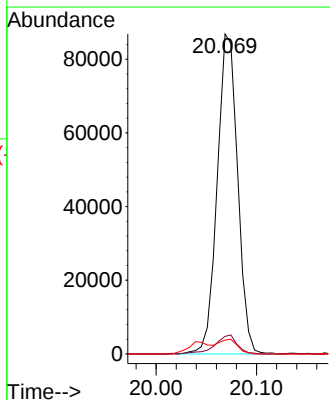
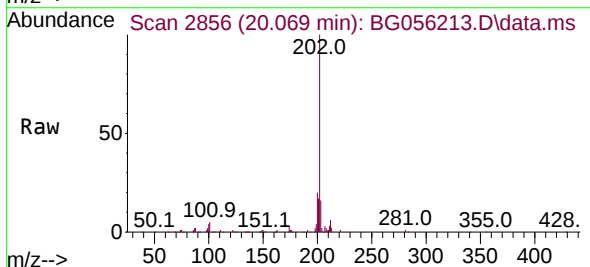
Manual Integrations
APPROVED

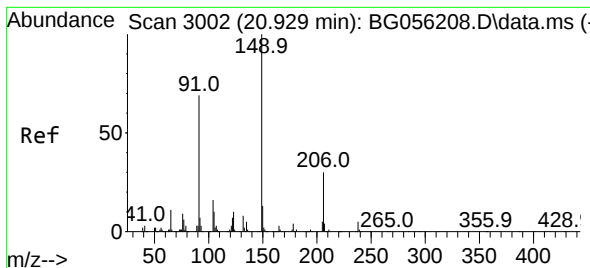
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#82
Pyrene
Concen: 4.252 ng/ul
RT: 20.069 min Scan# 2856
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

Tgt Ion:202 Resp: 123157
Ion Ratio Lower Upper
202 100
101 5.5 5.2 7.8
100 4.3 4.2 6.2





#83

Butylbenzylphthalate

Concen: 4.130 ng/ul

RT: 20.932 min Scan# 3002

Delta R.T. 0.001 min

Lab File: BG056213.D

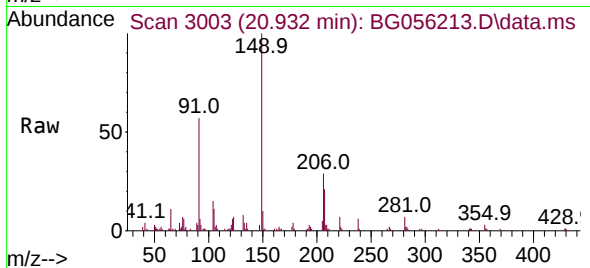
Acq: 5 Jan 2023 14:30

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07



Tgt Ion:149 Resp: 35082

Ion Ratio Lower Upper

149 100

91 57.1 50.0 75.0

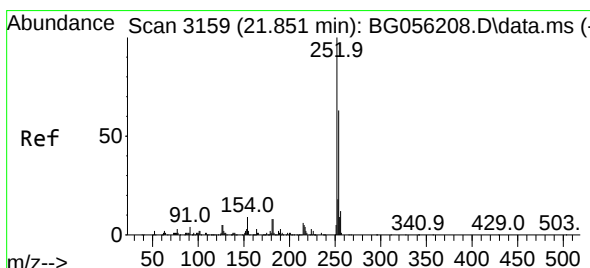
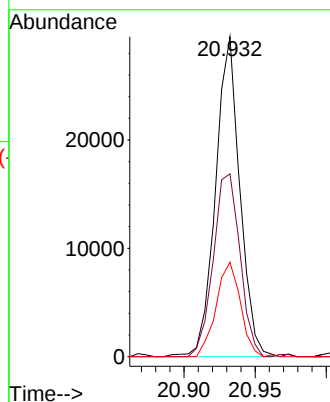
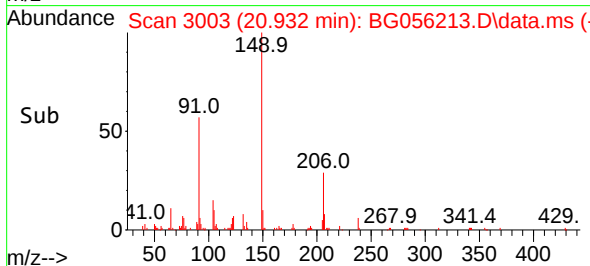
206 29.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023

Supervised By :mohammad ahmed 01/06/2023



#84

3,3'-Dichlorobenzidine

Concen: 6.600 ng/ul

RT: 21.855 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BG056213.D

Acq: 5 Jan 2023 14:30

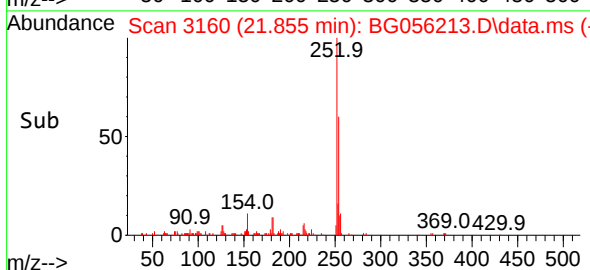
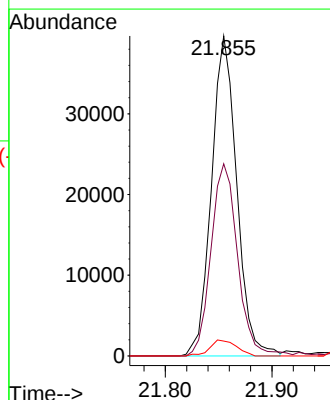
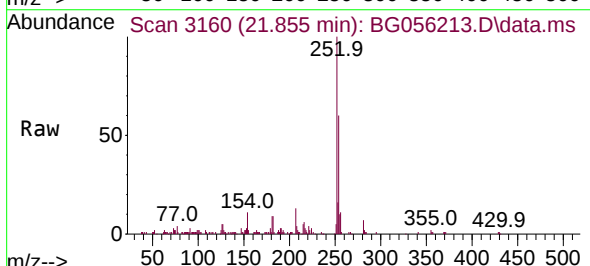
Tgt Ion:252 Resp: 65308

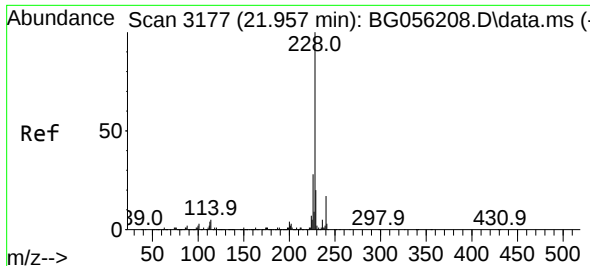
Ion Ratio Lower Upper

252 100

254 60.0 51.1 76.7

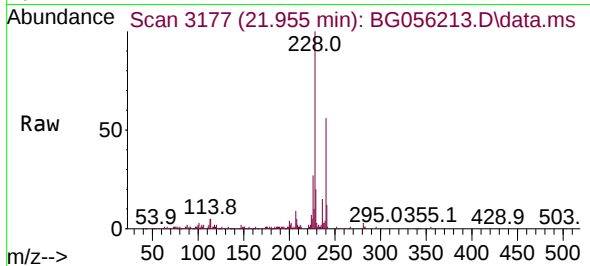
126 4.6 3.8 5.6





#85
Benzo(a)anthracene
Concen: 4.248 ng/ul
RT: 21.955 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

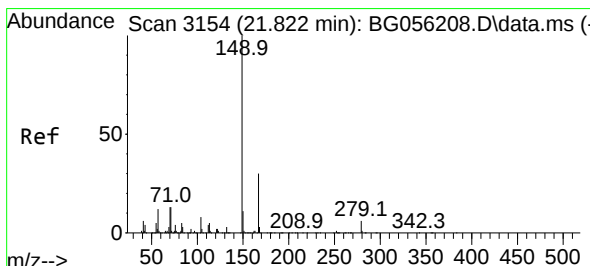
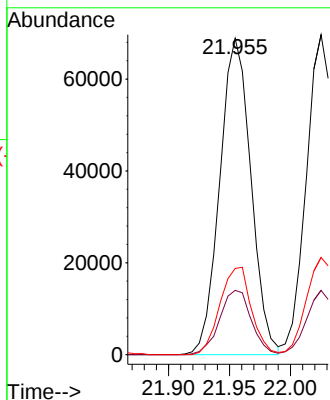
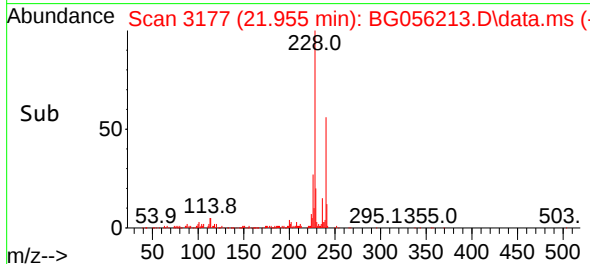
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:228 Resp: 122583
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.2 22.2 33.2

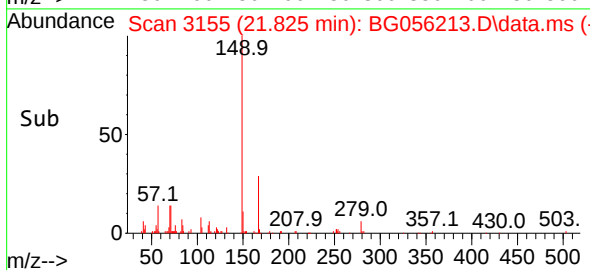
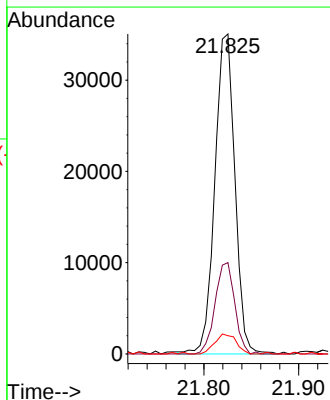
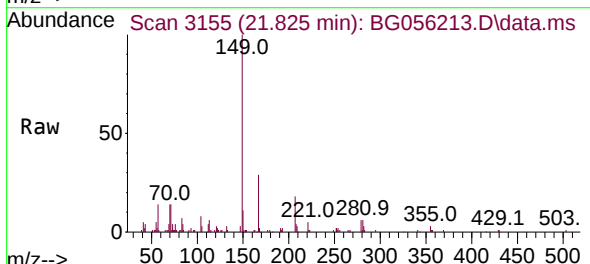
Manual Integrations
APPROVED

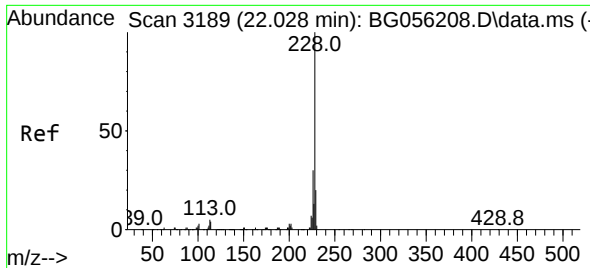
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.191 ng/ul
RT: 21.825 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

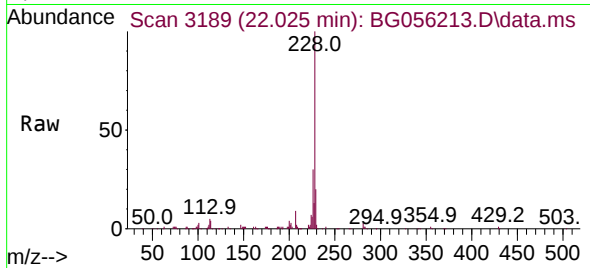
Tgt Ion:149 Resp: 51477
Ion Ratio Lower Upper
149 100
167 28.5 23.7 35.5
279 5.7 4.9 7.3





#87
Chrysene
Concen: 4.397 ng/ul
RT: 22.025 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

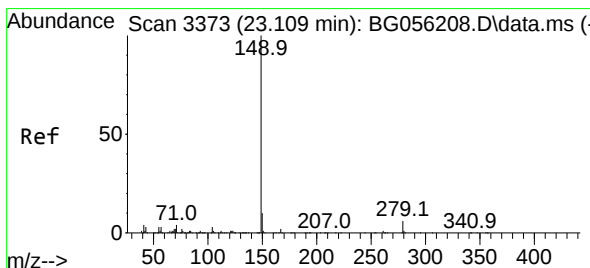
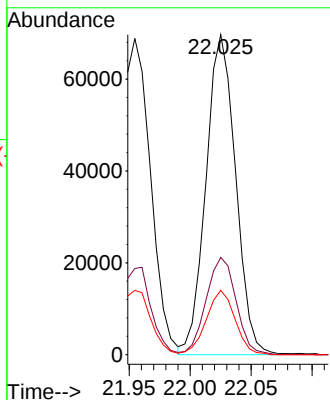
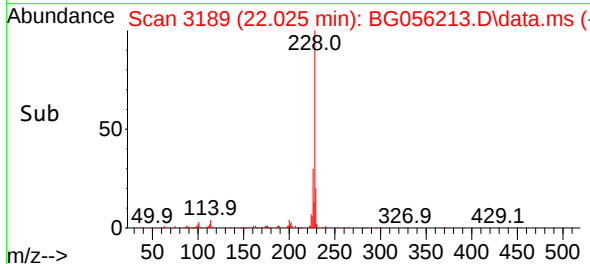
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:228 Resp: 118005
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.8

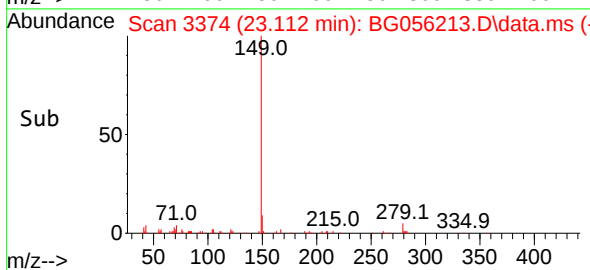
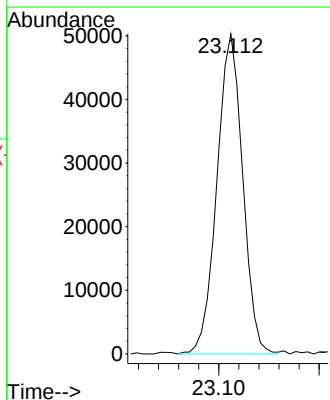
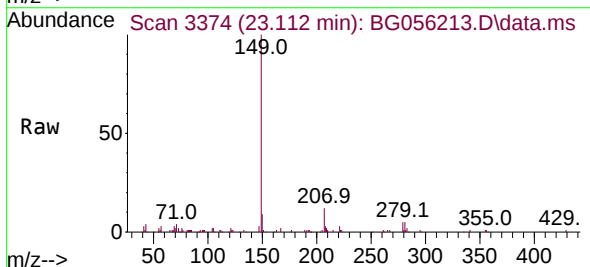
Manual Integrations
APPROVED

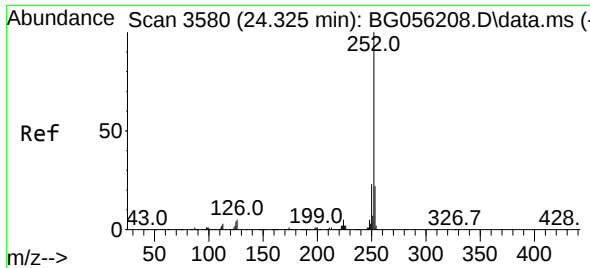
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#89
Di-n-octyl phthalate
Concen: 4.519 ng/ul
RT: 23.112 min Scan# 3374
Delta R.T. 0.001 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

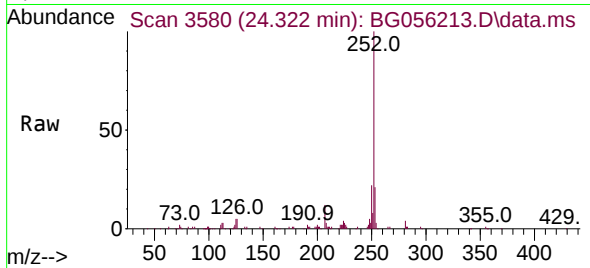
Tgt Ion:149 Resp: 89704





#90
Benzo(b)fluoranthene
Concen: 4.702 ng/ul
RT: 24.322 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30

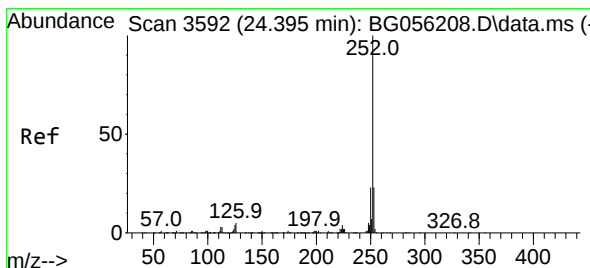
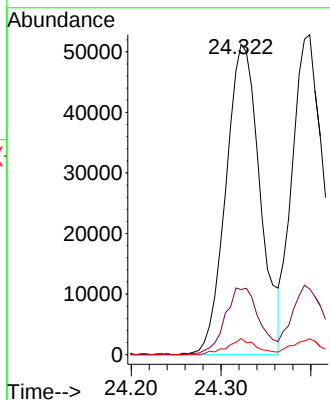
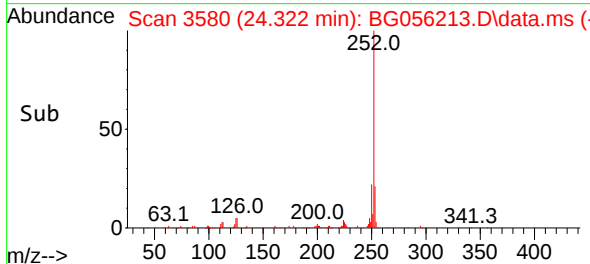
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



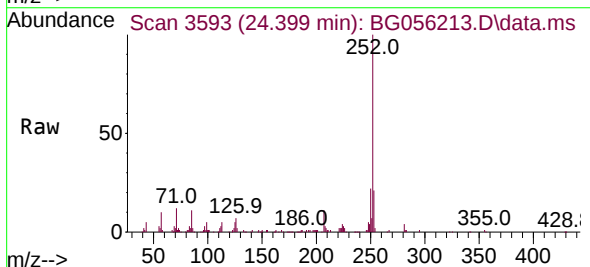
Tgt Ion:252 Resp: 135732
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 5.2 3.0 4.4

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APPROVED

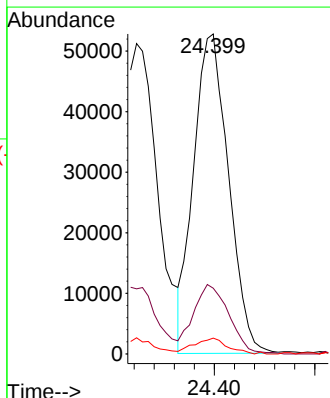
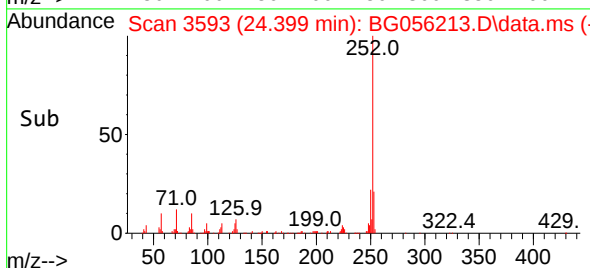
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

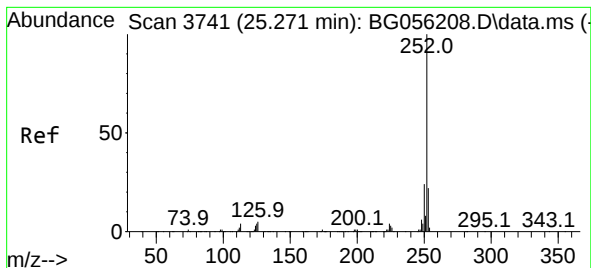


#91
Benzo(k)fluoranthene
Concen: 4.519 ng/ul
RT: 24.399 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BG056213.D
Acq: 5 Jan 2023 14:30



Tgt Ion:252 Resp: 127648
Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 4.9 3.1 4.7





#93

Benzo(a)pyrene

Concen: 4.857 ng/ul

RT: 25.268 min Scan# 3741

Delta R.T. -0.005 min

Lab File: BG056213.D

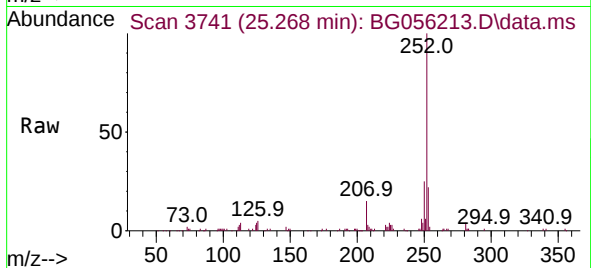
Acq: 5 Jan 2023 14:30

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07



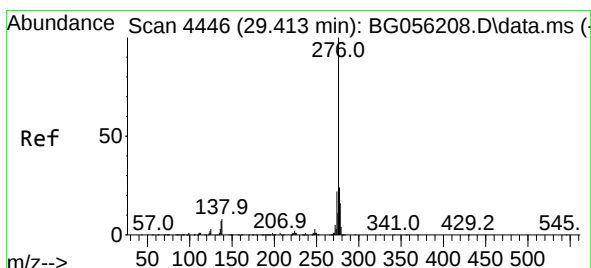
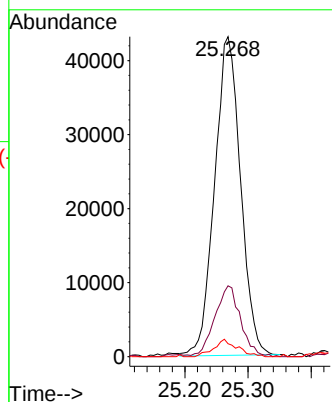
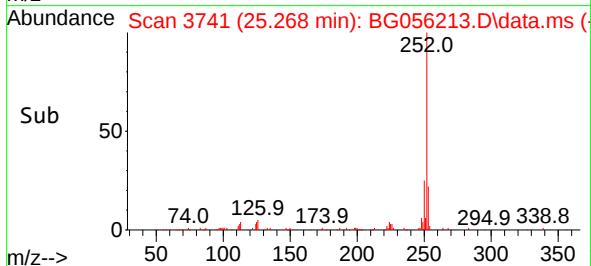
Tgt Ion: 252 Resp: 122762

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	4.0	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.747 ng/ul

RT: 29.405 min Scan# 4445

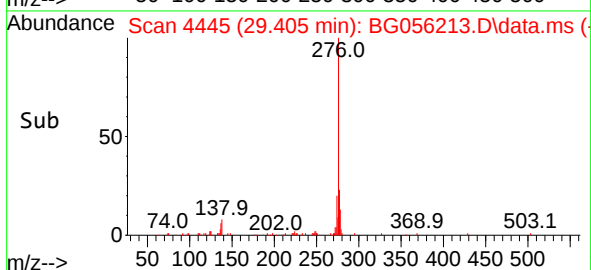
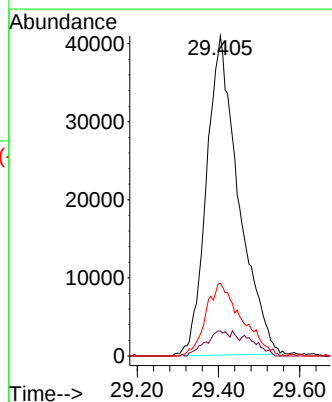
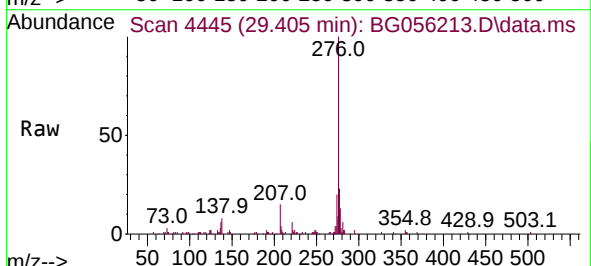
Delta R.T. -0.005 min

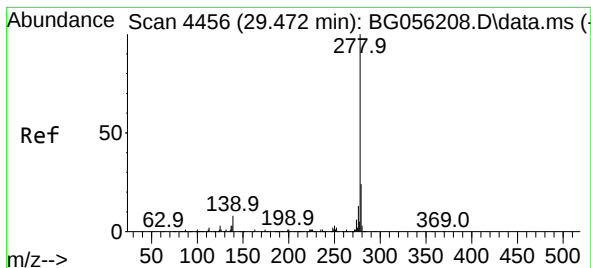
Lab File: BG056213.D

Acq: 5 Jan 2023 14:30

Tgt Ion: 276 Resp: 224307

Ion	Ratio	Lower	Upper
276	100		
138	7.8	6.2	9.2
277	22.7	19.8	29.6





#95

Dibenzo(a,h)anthracene

Concen: 6.819 ng/ul

RT: 29.481 min Scan# 4456

Delta R.T. 0.007 min

Lab File: BG056213.D

Acq: 5 Jan 2023 14:30

Instrument :

BNA_G

ClientSampleId :

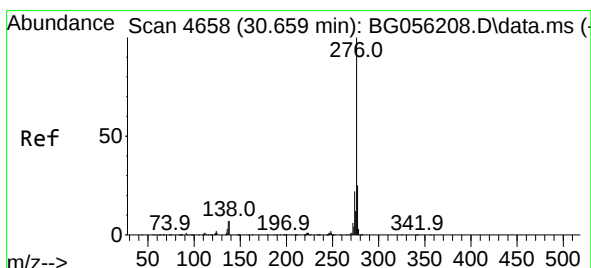
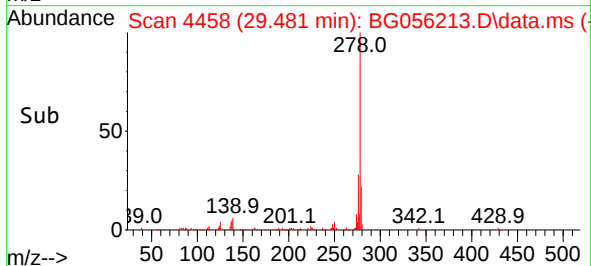
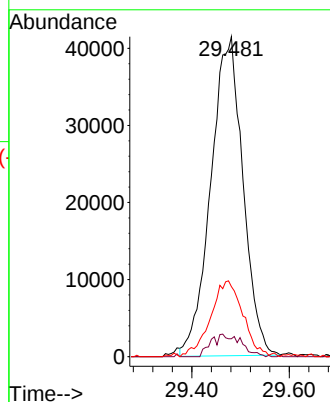
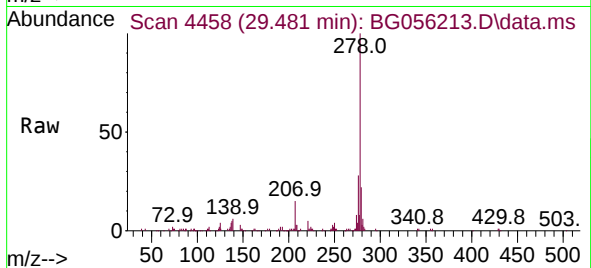
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:278 Resp: 18945
 Ion Ratio Lower Upper
 278 100
 139 5.6 5.0 7.4
 279 21.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023



#96

Benzo(g,h,i)perylene

Concen: 7.629 ng/ul m

RT: 30.656 min Scan# 4658

Delta R.T. -0.011 min

Lab File: BG056213.D

Acq: 5 Jan 2023 14:30

Tgt Ion:276 Resp: 205032
 Ion Ratio Lower Upper
 276 100
 138 8.0 5.8 8.8
 277 25.4 19.1 28.7

