

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059503.D
 Acq On : 20 Oct 2023 15:18
 Operator : MA/JU
 Sample : 03573-04
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Quant Time: Oct 21 00:18:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 03:52:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/23/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	42257	20.000	ng/u1	0.00
20) Naphthalene-d8	11.031	136	192114	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.827	164	124360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.576	188	281944	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.871	240	274576	20.000	ng/u1	0.00
88) Perylene-d12	25.314	264	304989	20.000	ng/u1	0.00

10/23/2023

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	7496	5.596	ng/uL	0.00
4) Pyridine-d5	3.910	84	129406	28.133	ng/u1	0.00
7) Phenol-d5	7.318	99	113106	26.861	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	67726	28.060	ng/u1	0.00
11) 2-Chlorophenol-d4	7.705	132	82345	24.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	117745	32.458	ng/u1	0.00
21) Nitrobenzene-d5	9.386	128	59272	31.615	ng/u1	0.00
24) 2-Nitrophenol-d4	10.109	143	59746	32.375	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.631	165	79471	23.277	ng/u1	0.00
31) 4-Chloroaniline-d4	11.178	131	120735	23.815	ng/u1	0.00
46) Dimethylphthalate-d6	14.227	166	261116	21.622	ng/u1	0.00
49) Acenaphthylene-d8	14.533	160	316128	22.739	ng/u1	0.00
54) 4-Nitrophenol-d4	15.020	143	41963	21.183	ng/u1	0.00
60) Fluorene-d10	15.820	176	242761	23.542	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.931	200	40927	21.584	ng/u1	0.00
73) Anthracene-d10	17.676	188	348623	22.454	ng/u1	0.00
81) Pyrene-d10	19.956	212	434462	24.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.073	264	449878	25.776	ng/u1	0.00

Target Compounds	Qvalue					
2) 1,4-Dioxane	3.510	88	1799m	1.180	ng/uL	
5) Pyridine	3.933	79	21204	4.450	ng/u1#	81
6) Benzaldehyde	7.335	77	11586	6.111	ng/u1	92
8) Phenol	7.341	94	17110	4.110	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.606	93	14048	3.909	ng/u1#	91
12) 2-Chlorophenol	7.735	128	13984	4.124	ng/u1	91
13) 2-Methylphenol	8.616	108	12006	3.393	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.710	45	33699m	4.208	ng/u1	
16) Acetophenone	9.027	105	29957	5.470	ng/u1#	85
17) N-Nitroso-di-n-propyla...	8.992	70	14931	5.248	ng/u1#	96
18) 4-Methylphenol	8.939	108	19789	5.173	ng/u1	84
19) Hexachloroethane	9.268	117	7379	5.289	ng/u1#	87
22) Nitrobenzene	9.427	77	23486	5.441	ng/u1#	87
23) Isophorone	9.932	82	44313	5.352	ng/u1	96
25) 2-Nitrophenol	10.144	139	9266	4.770	ng/u1	93
26) 2,4-Dimethylphenol	10.161	107	14105	3.823	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.420	93	19545	3.798	ng/u1	93
29) 2,4-Dichlorophenol	10.667	162	12183	3.550	ng/u1#	91
30) Naphthalene	11.084	128	48078	3.982	ng/u1	96
32) 4-Chloroaniline	11.201	127	19490	4.052	ng/u1#	81
33) Hexachlorobutadiene	11.313	225	8853	4.022	ng/u1#	83
34) Caprolactam	11.989	113	3972m	3.694	ng/u1	
35) 4-Chloro-3-methylphenol	12.283	107	11943	3.541	ng/u1#	91
36) 2-Methylnaphthalene	12.670	142	30182	3.788	ng/u1	99

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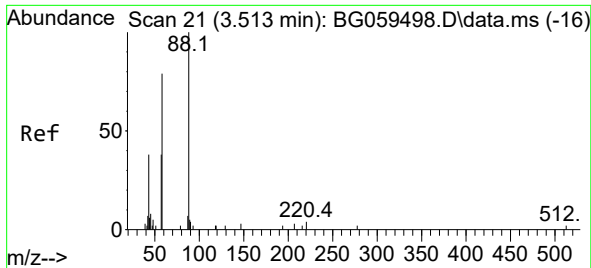
Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/23/2023
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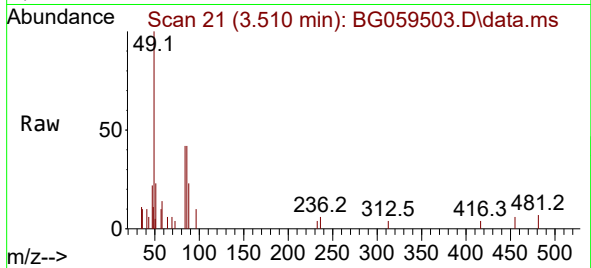
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.888	142	31925	3.931	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.017	216	14777	3.527	ng/ul#	88
40) Hexachlorocyclopentadiene	12.964	237	7858	3.364	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.258	196	9158m	3.560	ng/ul	
42) 2,4,5-Trichlorophenol	13.328	196	9917m	3.371	ng/ul	
43) 1,1'-Biphenyl	13.663	154	44228	3.796	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	32019	3.495	ng/ul	98
45) 2-Nitroaniline	13.934	65	9595	3.213	ng/ul#	78
47) Dimethylphthalate	14.268	163	41799	3.506	ng/ul#	97
48) 2,6-Dinitrotoluene	14.415	165	7642	3.256	ng/ul	94
50) Acenaphthylene	14.562	152	52992	3.540	ng/ul#	91
51) 3-Nitroaniline	14.756	138	8180	3.616	ng/ul#	66
52) Acenaphthene	14.891	153	36917	3.827	ng/ul	95
53) 2,4-Dinitrophenol	14.962	184	6884	5.782	ng/ul#	79
55) 4-Nitrophenol	15.032	109	4853	3.535	ng/ul#	68
56) Dibenzofuran	15.226	168	50236	3.863	ng/ul	96
57) 2,4-Dinitrotoluene	15.197	165	11392	3.547	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.438	232	10280	3.901	ng/ul#	90
59) Diethylphthalate	15.614	149	40417	3.714	ng/ul#	95
61) Fluorene	15.872	166	41031	3.769	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.855	204	20661	3.720	ng/ul	96
63) 4-Nitroaniline	15.919	138	8273	3.776	ng/ul#	64
66) 4,6-Dinitro-2-methylph...	15.949	198	7773	3.865	ng/ul#	98
67) N-Nitrosodiphenylamine	16.078	169	32153	3.691	ng/ul	97
68) 4-Bromophenyl-phenylether	16.754	248	11520	3.623	ng/ul#	73
69) Hexachlorobenzene	16.848	284	14730	4.089	ng/ul#	91
70) Atrazine	17.006	200	12930	4.162	ng/ul	96
71) Pentachlorophenol	17.206	266	12082	5.972	ng/ul#	76
72) Phenanthrene	17.623	178	72583	3.945	ng/ul	95
74) Anthracene	17.711	178	72465	3.826	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.628	216	14787	3.565	ng/uL#	93
76) Pentachlorobenzene	15.120	250	17141	4.219	ng/uL	98
77) Carbazole	17.993	167	61543	4.054	ng/ul	95
78) Di-n-butylphthalate	18.493	149	70438	3.801	ng/ul	98
80) Fluoranthene	19.615	202	84308	3.795	ng/ul	97
82) Pyrene	19.985	202	91922	3.925	ng/ul#	96
83) Butylbenzylphthalate	20.831	149	29727	3.657	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.771	252	33556	4.555	ng/ul#	93
85) Benzo(a)anthracene	21.848	228	86585	3.810	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.677	149	45082	3.801	ng/ul#	99
87) Chrysene	21.918	228	83554	3.933	ng/ul	93
89) Di-n-octyl phthalate	22.958	149	75864	4.117	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	89419m	4.118	ng/ul	
91) Benzo(k)fluoranthene	24.268	252	88220	3.929	ng/ul	98
93) Benzo(a)pyrene	25.150	252	84406	4.080	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.280	276	92144m	3.913	ng/ul	
95) Dibenzo(a,h)anthracene	29.357	278	75410m	3.938	ng/ul	
96) Benzo(g,h,i)perylene	30.555	276	77090m	3.899	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.180 ng/uL m
RT: 3.510 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059503.D
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ClientSampleId :
MDL-SOIL-QT3-2023-06



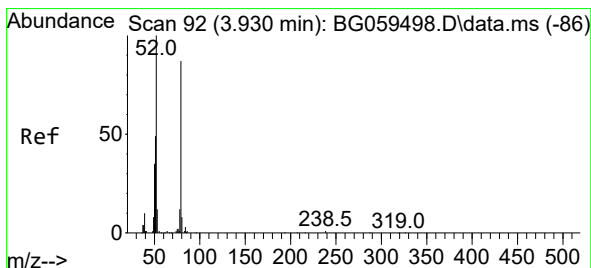
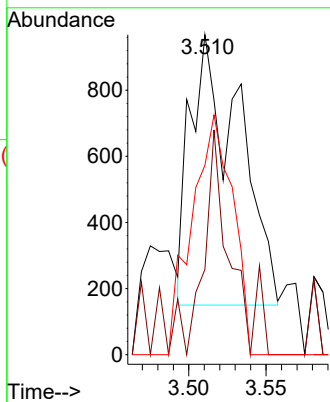
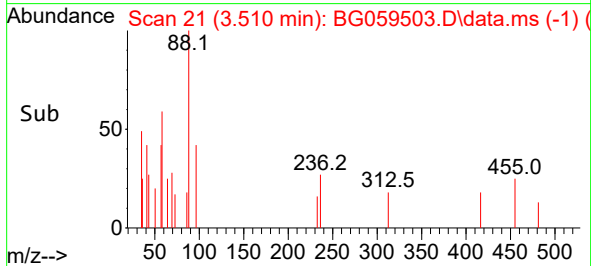
Tgt Ion: 88 Resp: 1799
Ion Ratio Lower Upper
88 100
43 26.7 35.5 53.3
58 59.2 70.4 105.6

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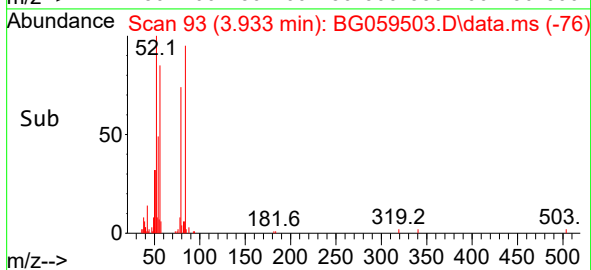
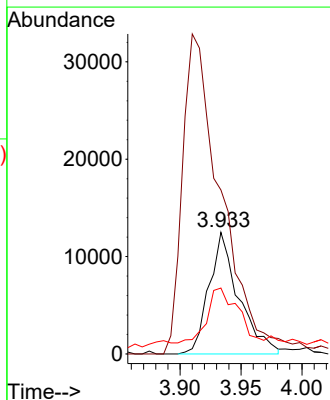
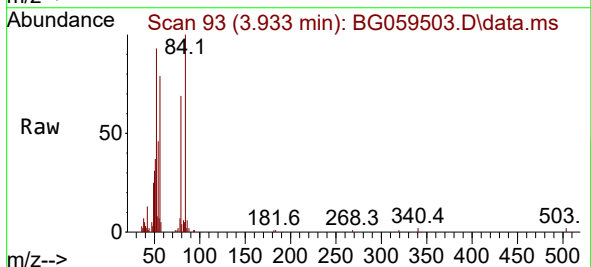
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Supervised By :mohammad
ahmed

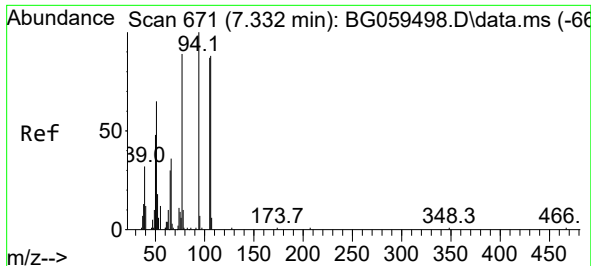
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#5
Pyridine
Concen: 4.450 ng/uL
RT: 3.933 min Scan# 93
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

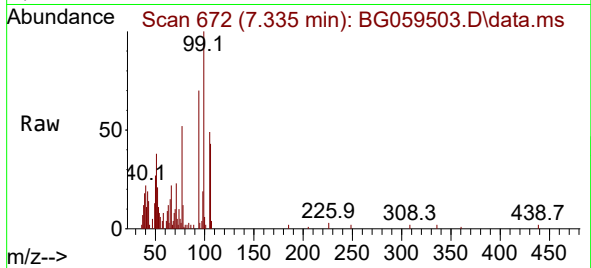
Tgt Ion: 79 Resp: 21204
Ion Ratio Lower Upper
79 100
52 134.8 87.8 131.8
51 54.3 38.6 58.0





#6
Benzaldehyde
Concen: 6.111 ng/ul
RT: 7.335 min Scan# 611
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



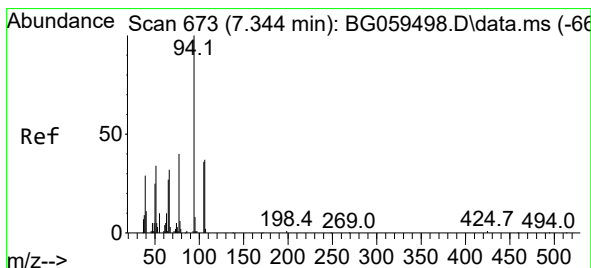
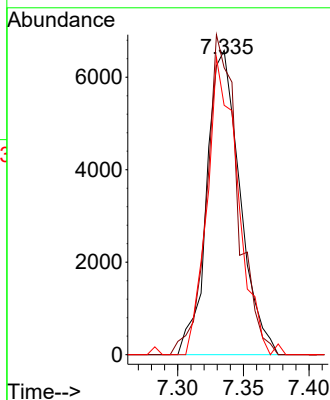
Tgt Ion: 77 Resp: 11580
Ion Ratio Lower Upper
77 100
105 94.4 76.2 114.4
106 82.0 77.3 115.9

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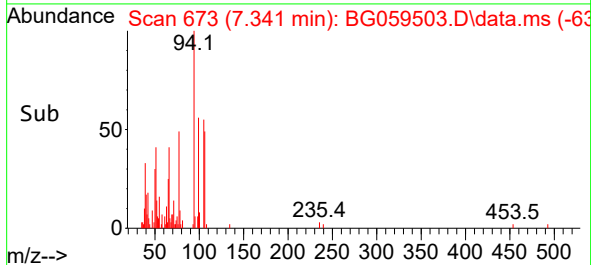
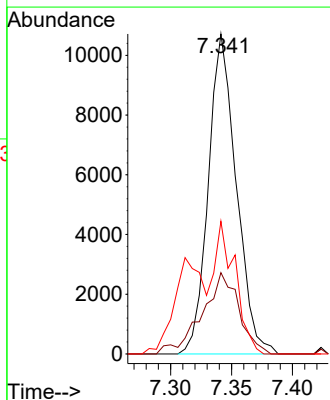
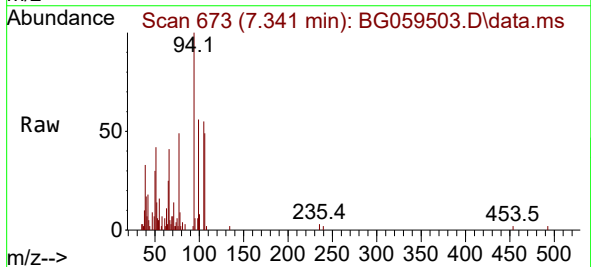
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Supervised By :mohammad
ahmed

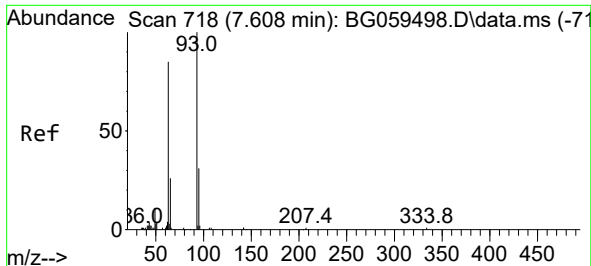
10/23/2023



#8
Phenol
Concen: 4.110 ng/ul
RT: 7.341 min Scan# 673
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

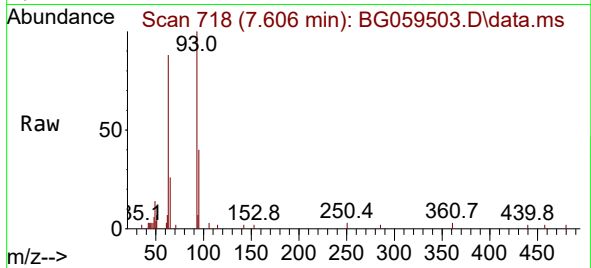
Tgt Ion: 94 Resp: 17110
Ion Ratio Lower Upper
94 100
65 25.4 21.9 32.9
66 41.5 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.909 ng/ul
RT: 7.606 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



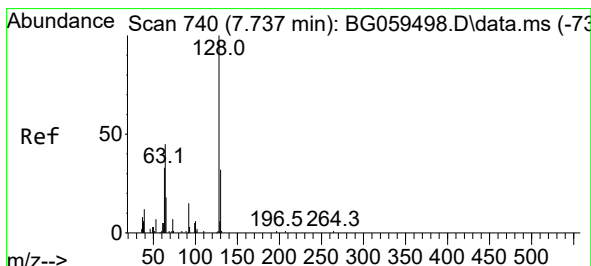
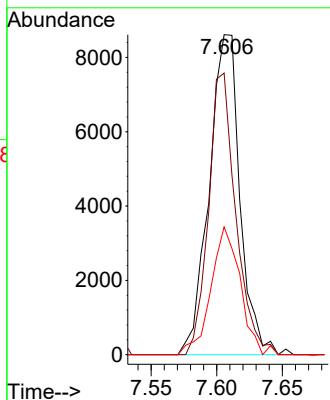
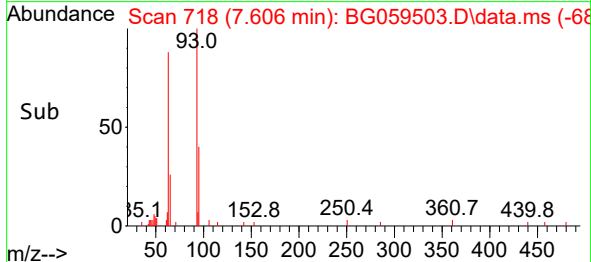
Tgt Ion: 93 Resp: 1404
Ion Ratio Lower Upper
93 100
63 88.0 65.1 97.7
95 40.0 25.6 38.4

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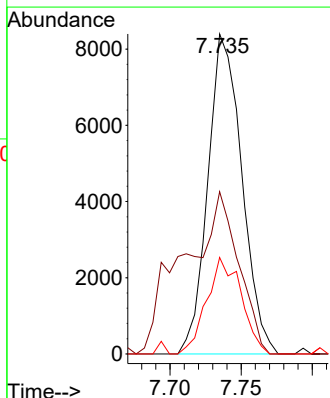
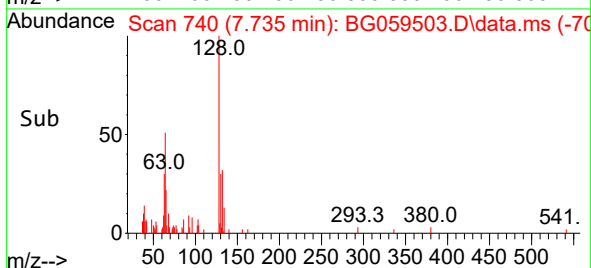
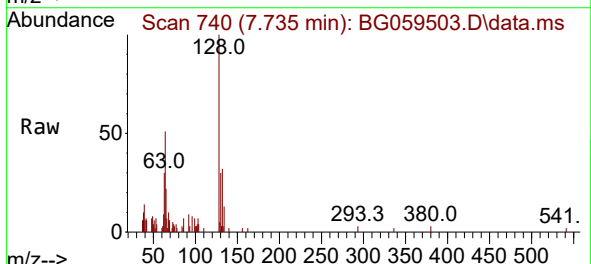
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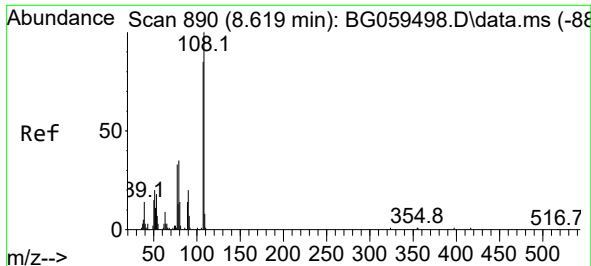
10/23/2023



#12
2-Chlorophenol
Concen: 4.124 ng/ul
RT: 7.735 min Scan# 740
Delta R.T. -0.007 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Tgt Ion:128 Resp: 13984
Ion Ratio Lower Upper
128 100
64 50.7 34.3 51.5
130 30.1 25.8 38.8





#13
2-Methylphenol
Concen: 3.393 ng/ul
RT: 8.616 min Scan# 890
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06

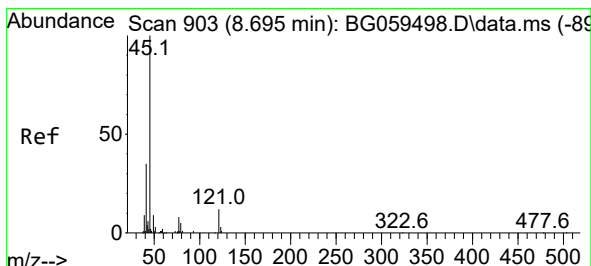
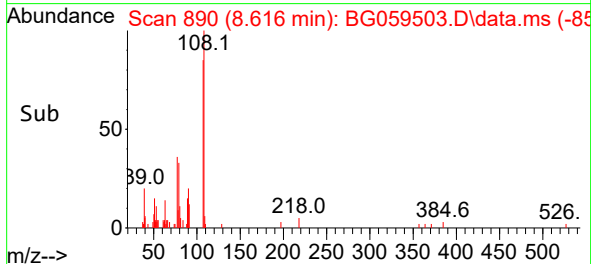
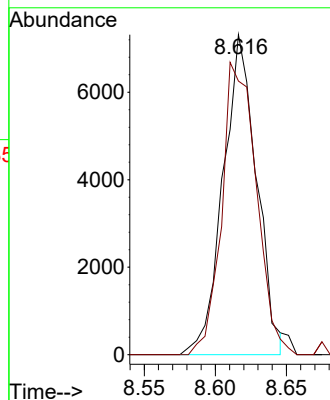
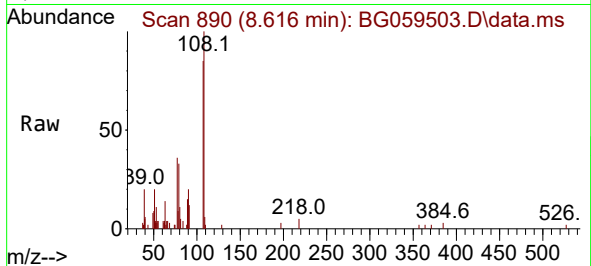
Tgt Ion:108 Resp: 12000
Ion Ratio Lower Upper
108 100
107 85.5 74.0 111.0

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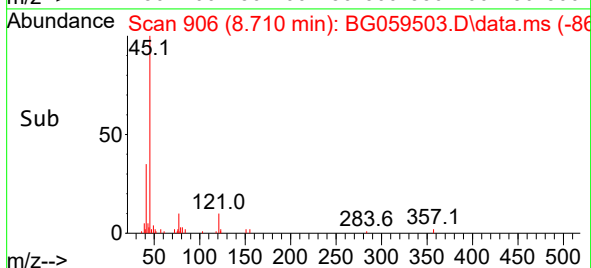
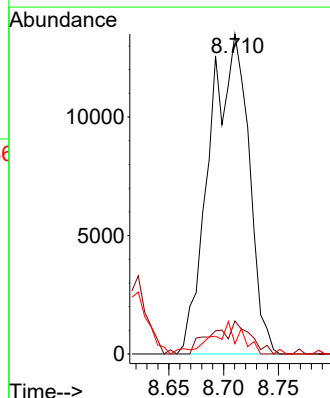
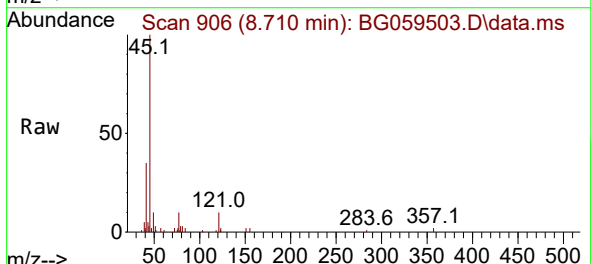
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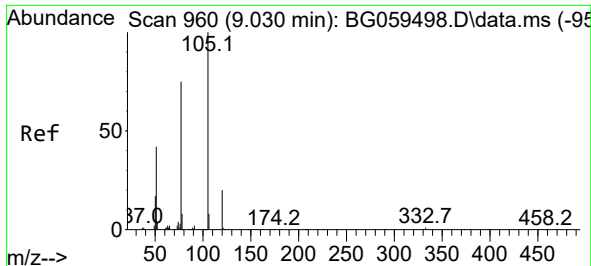
10/23/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.208 ng/ul m
RT: 8.710 min Scan# 906
Delta R.T. 0.016 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

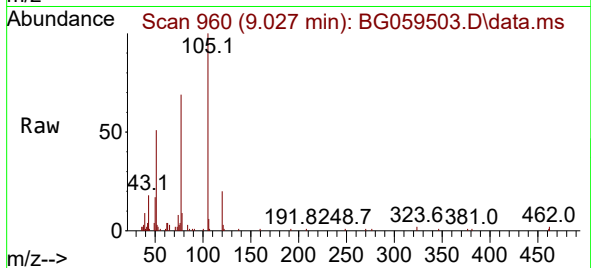
Tgt Ion: 45 Resp: 33699
Ion Ratio Lower Upper
45 100
77 10.3 7.6 11.4
79 3.2 5.8 8.8





#16
Acetophenone
Concen: 5.470 ng/ul
RT: 9.027 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

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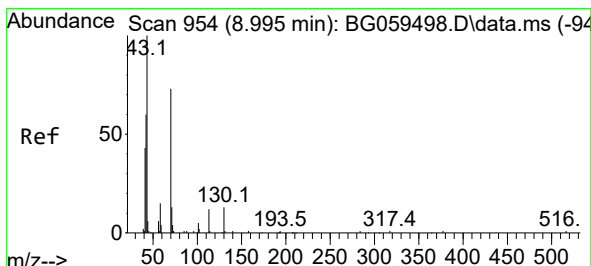
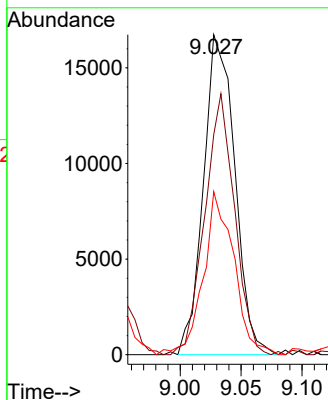
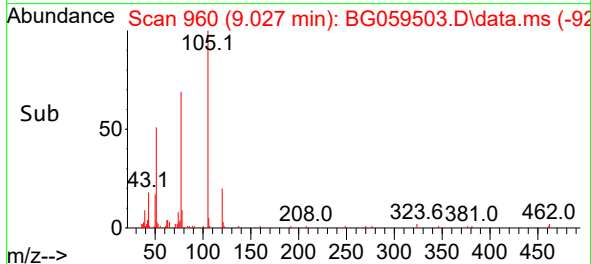
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Ion Ratio Lower Upper
105 100
77 68.7 65.3 97.9
51 50.9 33.4 50.0

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Reviewed By :Yogesh
Patel

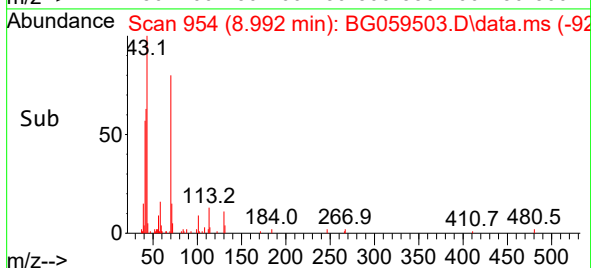
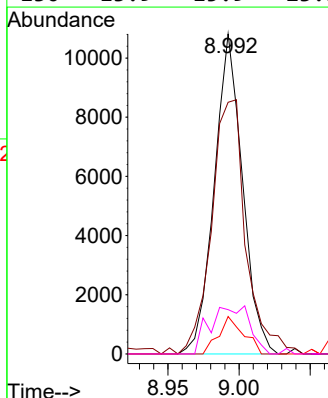
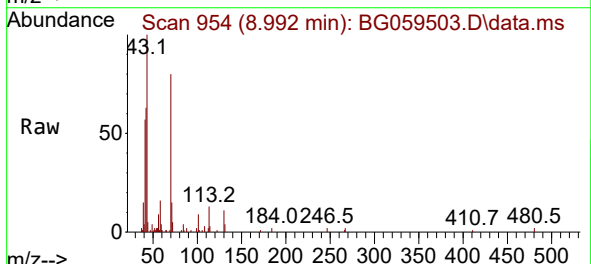
10/23/2023
Supervised By :mohammad
ahmed

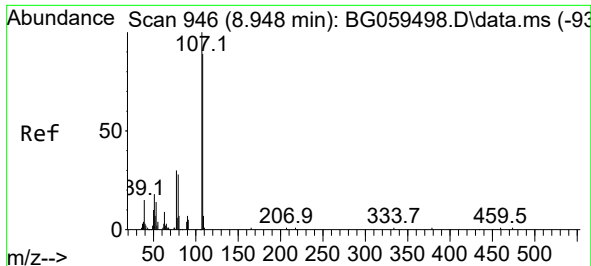
10/23/2023



#17
N-Nitroso-di-n-propylamine
Concen: 5.248 ng/ul
RT: 8.992 min Scan# 954
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

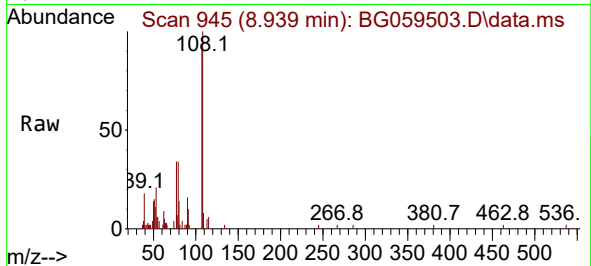
Tgt Ion: 70 Resp: 14931
Ion Ratio Lower Upper
70 100
42 78.7 63.5 95.3
101 11.7 7.3 10.9#
130 13.9 15.9 23.9#





#18
4-Methylphenol
Concen: 5.173 ng/ul
RT: 8.939 min Scan# 946
Delta R.T. -0.007 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



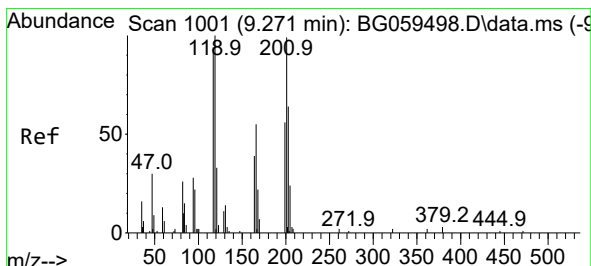
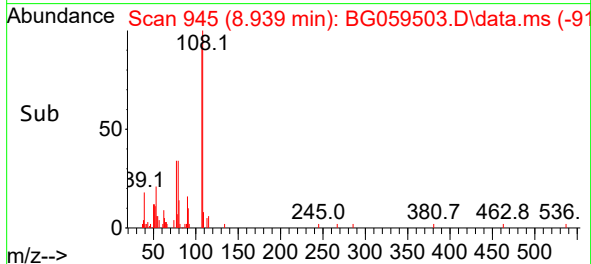
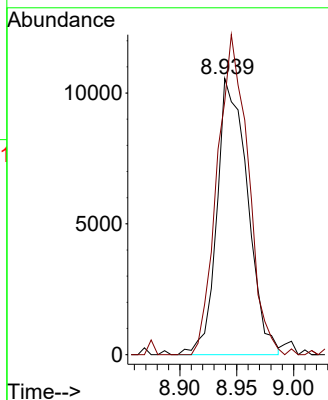
Tgt Ion:108 Resp: 19789
Ion Ratio Lower Upper
108 100
107 91.7 87.1 130.7

Manual Integrations
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Reviewed By :Yogesh
Patel

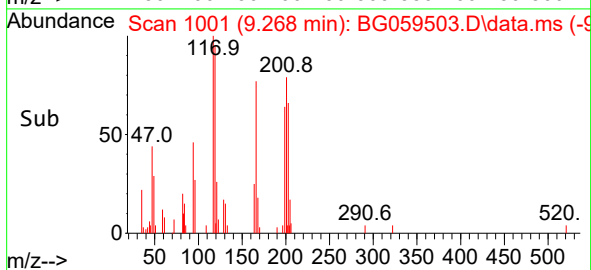
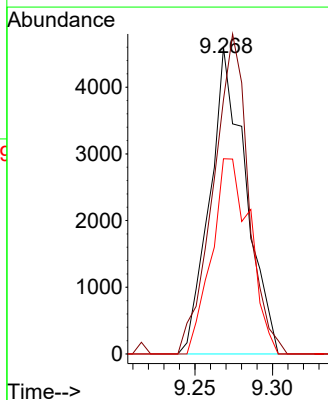
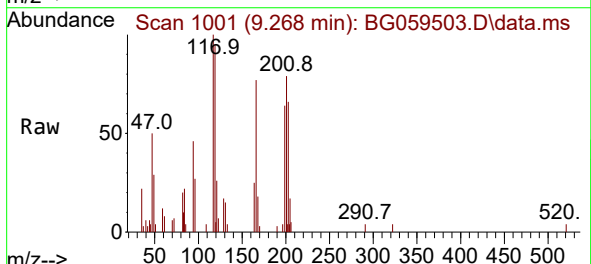
10/23/2023
Supervised By :mohammad
ahmed

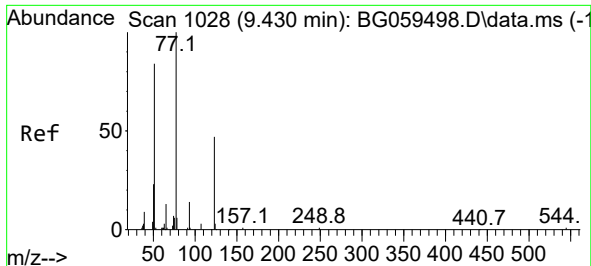
10/23/2023



#19
Hexachloroethane
Concen: 5.289 ng/ul
RT: 9.268 min Scan# 1001
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

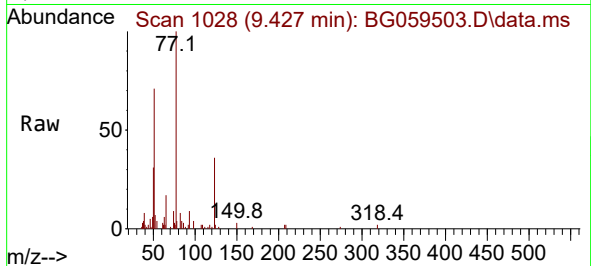
Tgt Ion:117 Resp: 7379
Ion Ratio Lower Upper
117 100
201 82.9 83.0 124.6#
199 63.7 51.4 77.2





#22
Nitrobenzene
Concen: 5.441 ng/ul
RT: 9.427 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



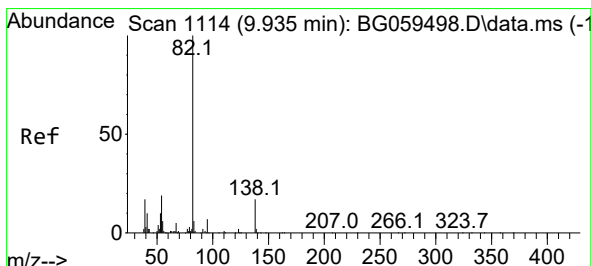
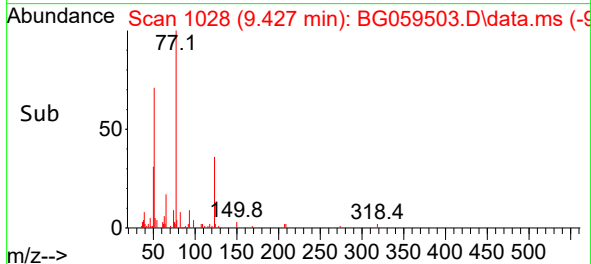
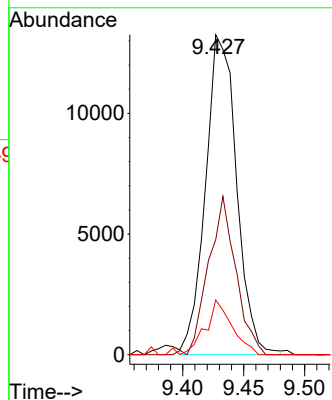
Tgt Ion: 77 Resp: 23480
Ion Ratio Lower Upper
77 100
123 35.9 35.6 53.4
65 17.1 10.2 15.4

Manual Integrations
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Reviewed By :Yogesh
Patel

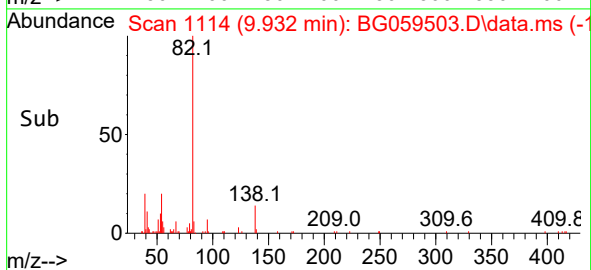
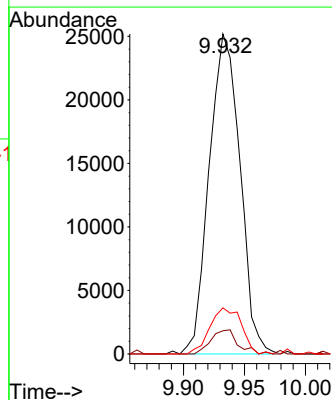
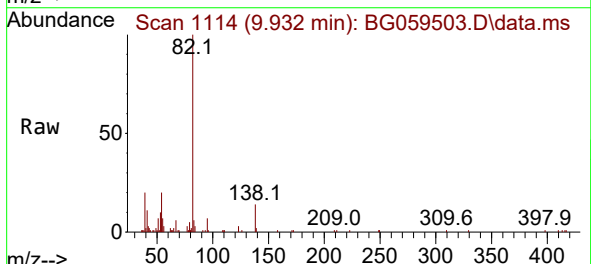
10/23/2023
Supervised By :mohammad
ahmed

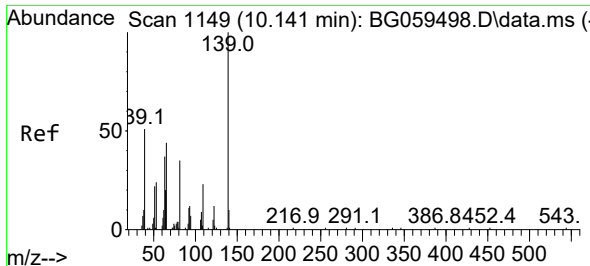
10/23/2023



#23
Isophorone
Concen: 5.352 ng/ul
RT: 9.932 min Scan# 1114
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

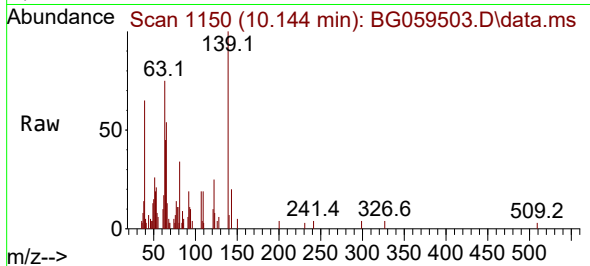
Tgt Ion: 82 Resp: 44313
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.6
138 14.4 13.0 19.4





#25
2-Nitrophenol
Concen: 4.770 ng/ul
RT: 10.144 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



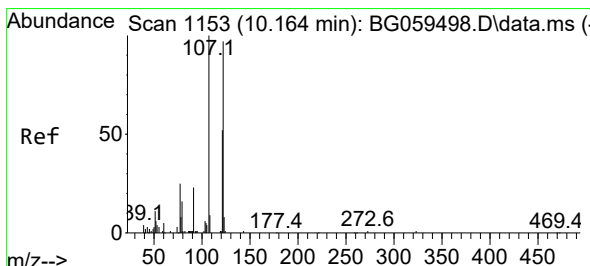
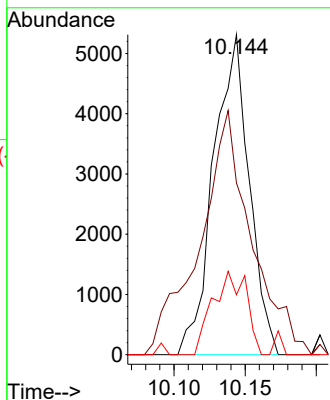
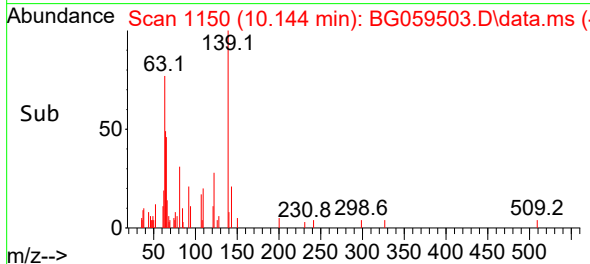
Tgt Ion:139 Resp: 9260
Ion Ratio Lower Upper
139 100
65 53.7 39.1 58.7
109 21.6 20.3 30.5

Manual Integrations
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Reviewed By :Yogesh
Patel

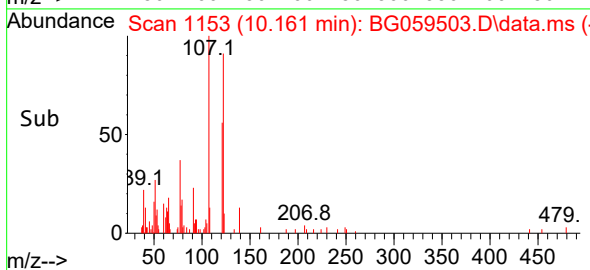
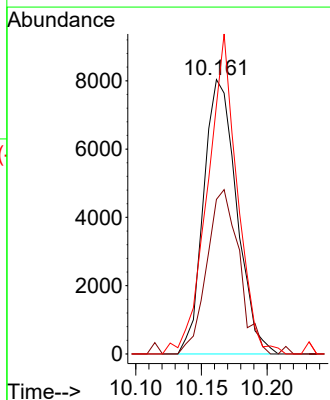
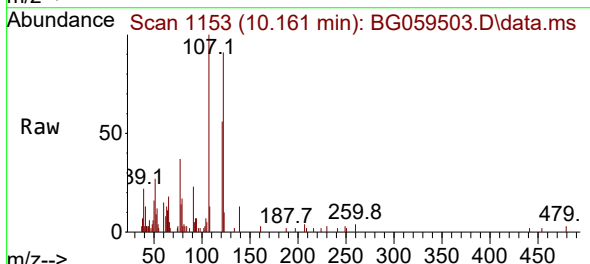
10/23/2023
Supervised By :mohammad
ahmed

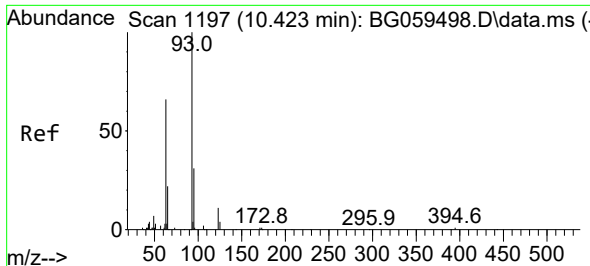
10/23/2023



#26
2,4-Dimethylphenol
Concen: 3.823 ng/ul
RT: 10.161 min Scan# 1153
Delta R.T. -0.007 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

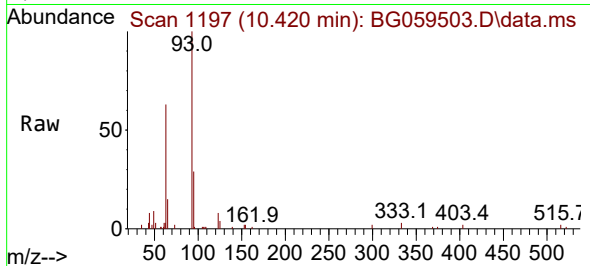
Tgt Ion:107 Resp: 14105
Ion Ratio Lower Upper
107 100
121 56.3 40.6 60.8
122 90.7 79.2 118.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.798 ng/ul
 RT: 10.420 min Scan# 1197
 Delta R.T. -0.001 min
 Lab File: BG059503.D
 Acq: 20 Oct 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



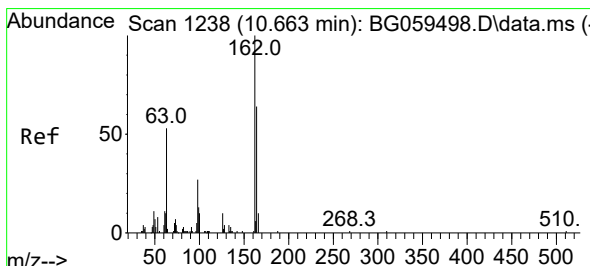
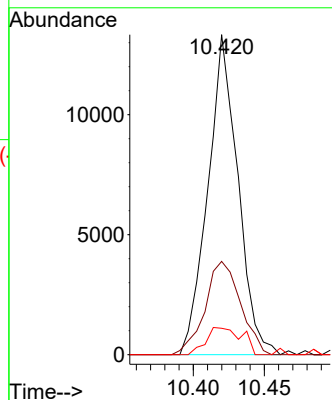
Tgt Ion: 93 Resp: 1954
 Ion Ratio Lower Upper
 93 100
 95 29.2 27.2 40.8
 123 8.3 7.4 11.0

Manual Integrations
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Reviewed By :Yogesh
 Patel

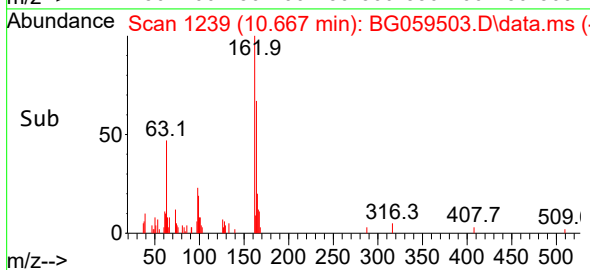
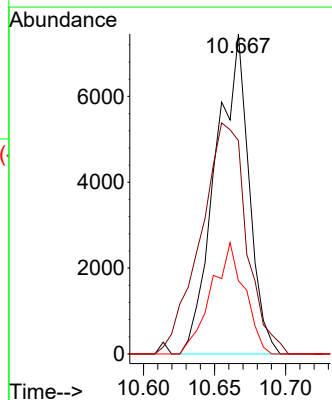
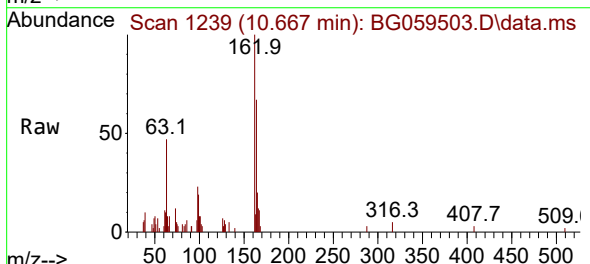
10/23/2023
 Supervised By :mohammad
 ahmed

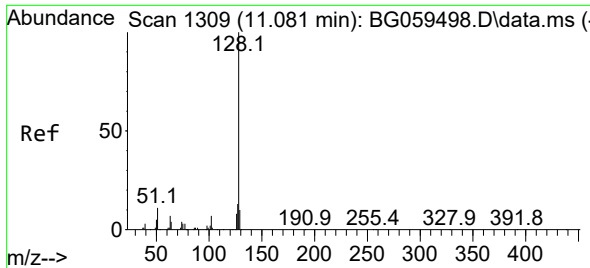
10/23/2023



#29
 2,4-Dichlorophenol
 Concen: 3.550 ng/ul
 RT: 10.667 min Scan# 1239
 Delta R.T. 0.005 min
 Lab File: BG059503.D
 Acq: 20 Oct 2023 15:18

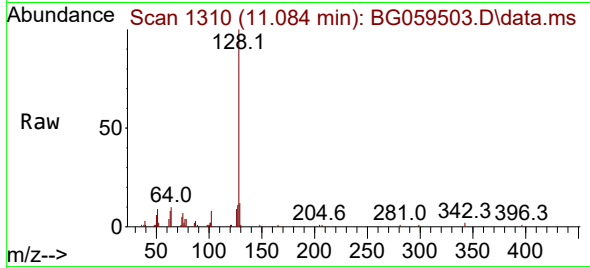
Tgt Ion:162 Resp: 12183
 Ion Ratio Lower Upper
 162 100
 164 66.7 52.4 78.6
 98 22.8 28.6 43.0#





#30
Naphthalene
Concen: 3.982 ng/ul
RT: 11.084 min Scan# 1108
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



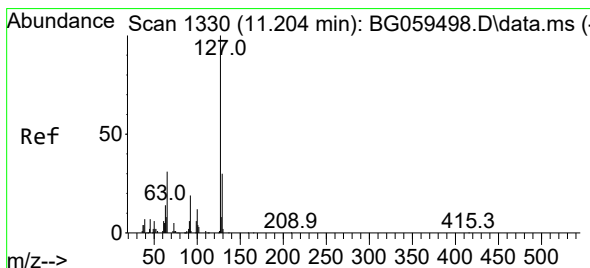
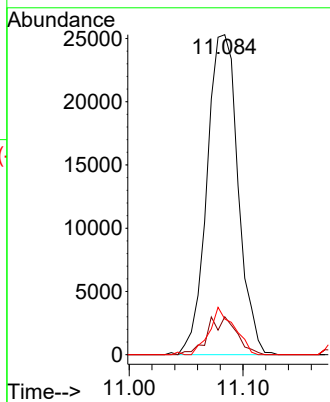
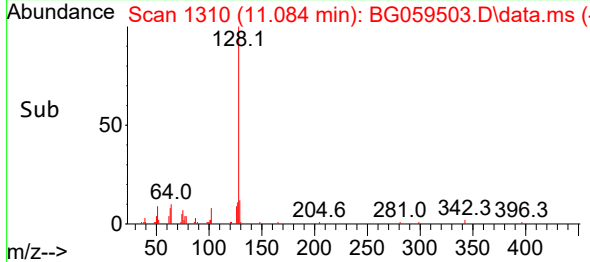
Tgt Ion:128 Resp: 48078
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 11.1 11.0 16.6

Manual Integrations
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Reviewed By :Yogesh
Patel

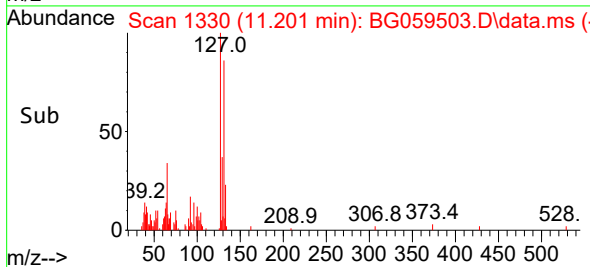
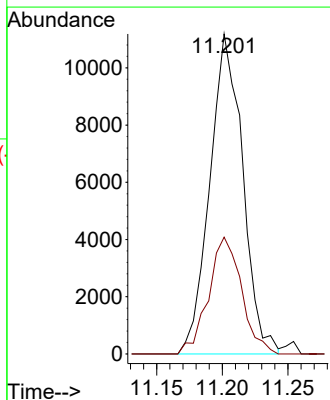
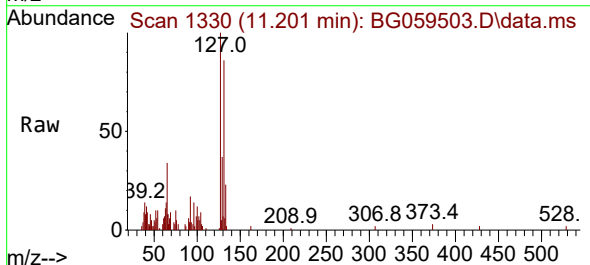
10/23/2023
Supervised By :mohammad
ahmed

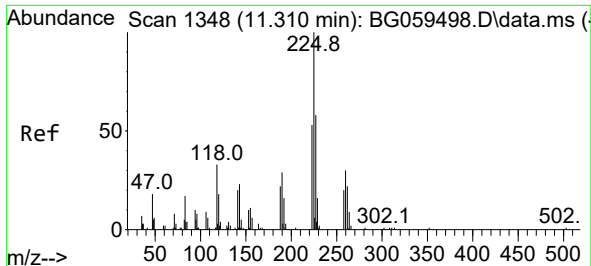
10/23/2023



#32
4-Chloroaniline
Concen: 4.052 ng/ul
RT: 11.201 min Scan# 1330
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

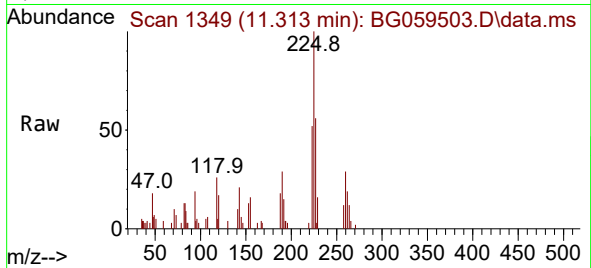
Tgt Ion:127 Resp: 19490
Ion Ratio Lower Upper
127 100
129 36.5 21.5 32.3#





#33
Hexachlorobutadiene
Concen: 4.022 ng/ul
RT: 11.313 min Scan# 11313
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



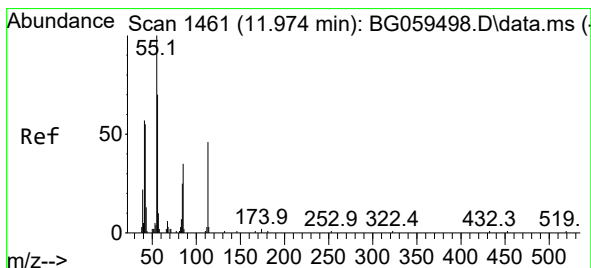
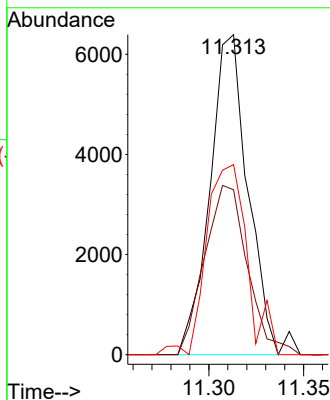
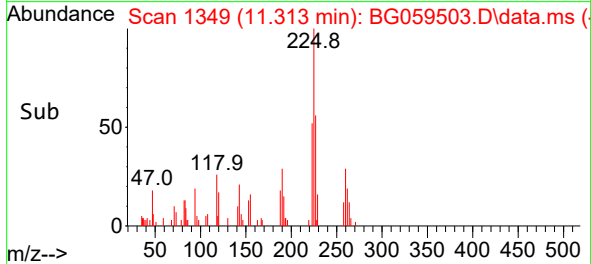
Tgt Ion:225 Resp: 885
Ion Ratio Lower Upper
225 100
223 51.5 57.2 85.8
227 59.4 53.0 79.6

Manual Integrations
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Reviewed By :Yogesh
Patel

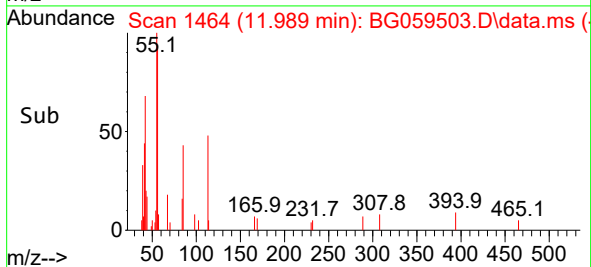
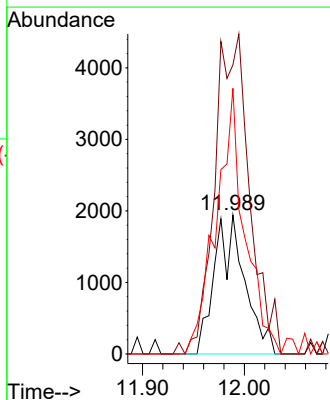
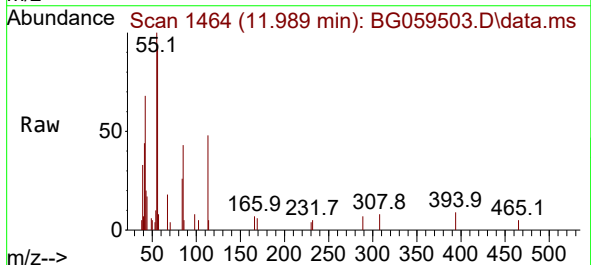
10/23/2023
Supervised By :mohammad
ahmed

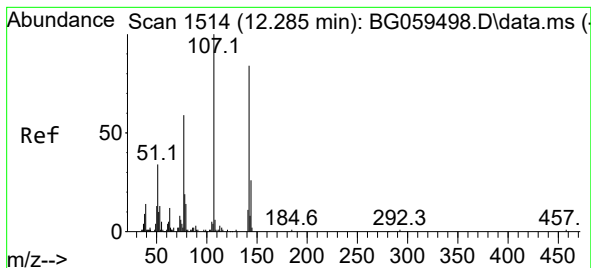
10/23/2023



#34
Caprolactam
Concen: 3.694 ng/ul m
RT: 11.989 min Scan# 1464
Delta R.T. 0.016 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

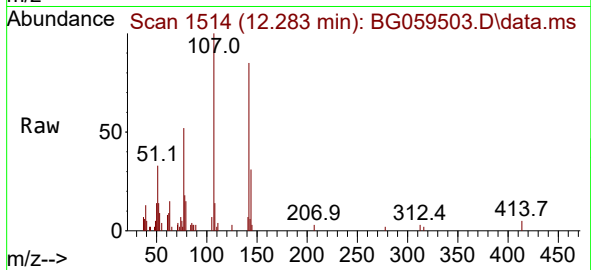
Tgt Ion:113 Resp: 3972
Ion Ratio Lower Upper
113 100
55 208.1 192.5 288.7
56 191.2 132.7 199.1





#35
4-Chloro-3-methylphenol
Concen: 3.541 ng/ul
RT: 12.283 min Scan# 1514
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



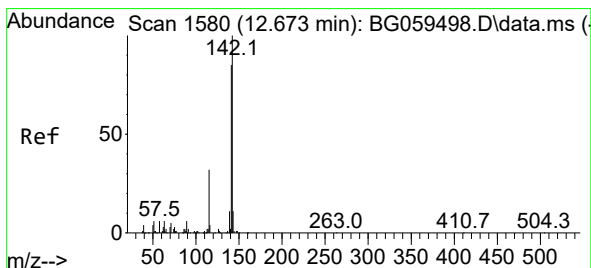
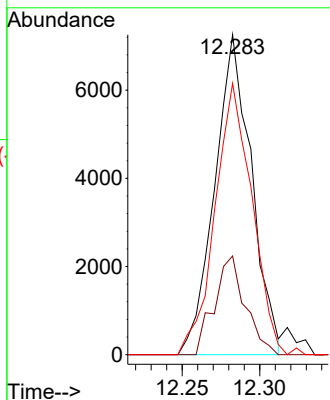
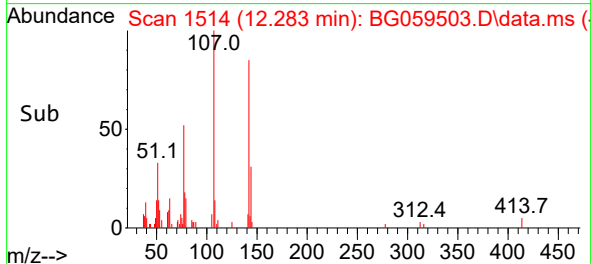
Tgt Ion:107 Resp: 1194
Ion Ratio Lower Upper
107 100
144 30.8 20.6 30.8
142 84.8 62.2 93.2

Manual Integrations
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Reviewed By :Yogesh
Patel

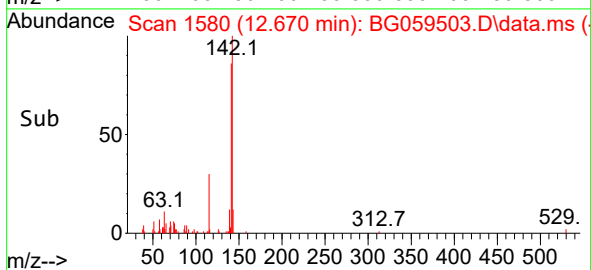
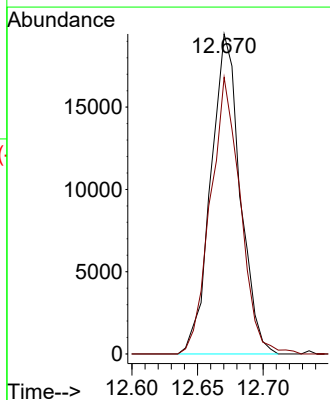
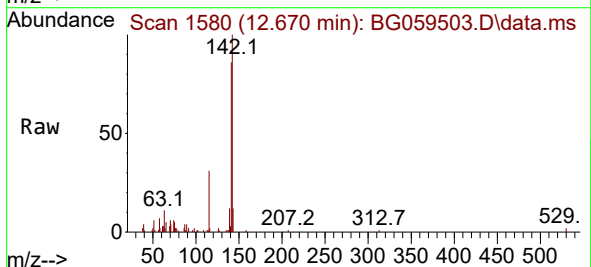
10/23/2023
Supervised By :mohammad
ahmed

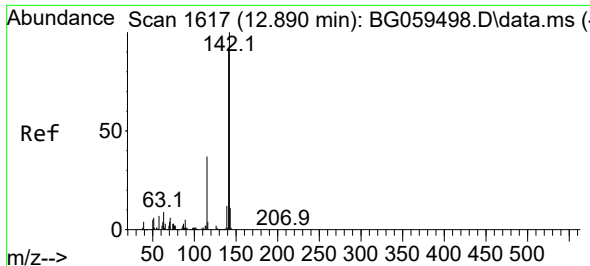
10/23/2023



#36
2-Methylnaphthalene
Concen: 3.788 ng/ul
RT: 12.670 min Scan# 1580
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Tgt Ion:142 Resp: 30182
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.2





#37

1-Methylnaphthalene

Concen: 3.931 ng/ul

RT: 12.888 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-06

Tgt Ion:	142	Resp:	3192
Ion Ratio	Lower	Upper	
142	100		
141	96.1	75.6	113.4
116	4.1	3.0	4.4

Manual Integrations

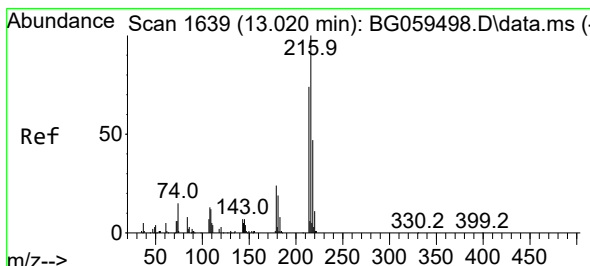
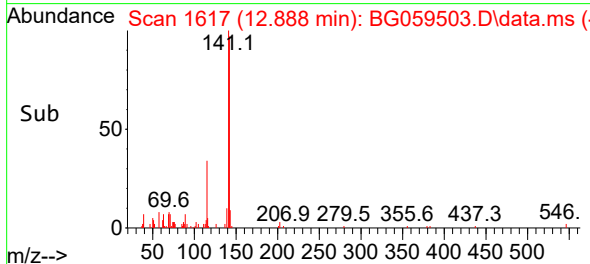
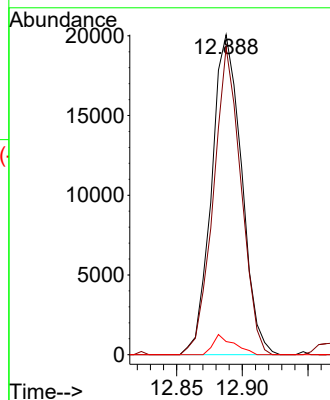
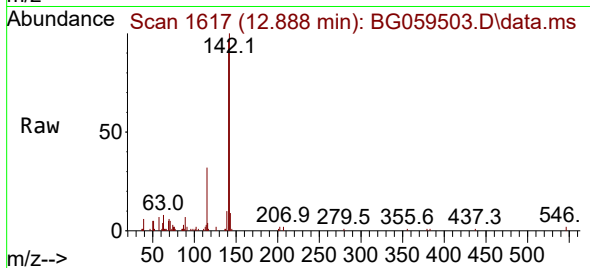
APPROVED

Reviewed By :Yogesh
Patel

10/23/2023

Supervised By :mohammad
ahmed

10/23/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.527 ng/ul

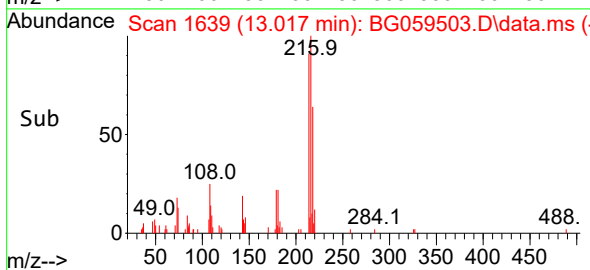
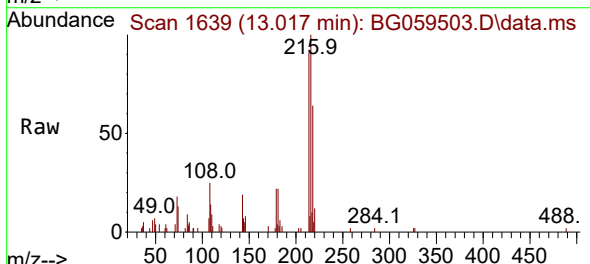
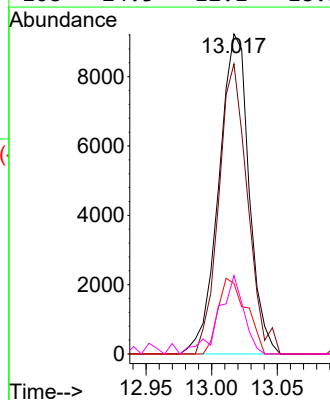
RT: 13.017 min Scan# 1639

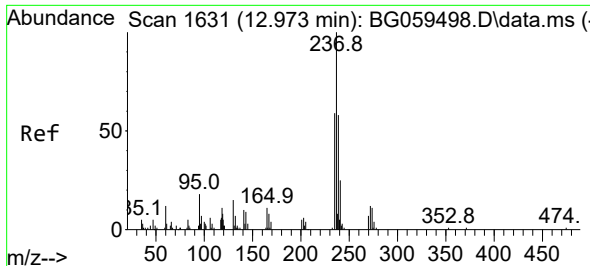
Delta R.T. 0.005 min

Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

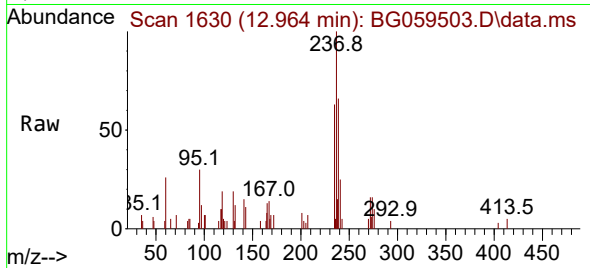
Tgt Ion:	216	Resp:	14777
Ion Ratio	Lower	Upper	
216	100		
214	90.7	63.8	95.8
179	22.1	17.4	26.0
108	24.5	12.1	18.1





#40
Hexachlorocyclopentadiene
Concen: 3.364 ng/ul
RT: 12.964 min Scan# 1631
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



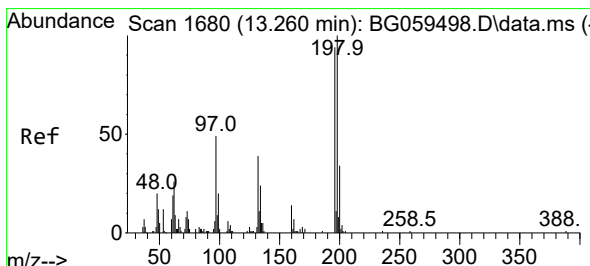
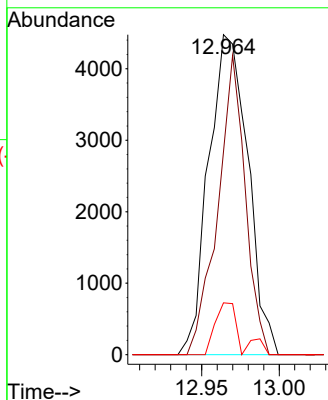
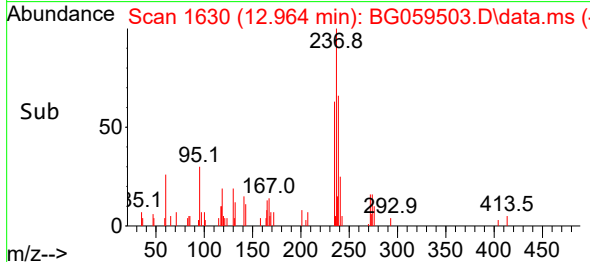
Tgt Ion:237 Resp: 785
Ion Ratio Lower Upper
237 100
235 68.0 48.5 72.7
272 16.2 10.6 16.0

Manual Integrations
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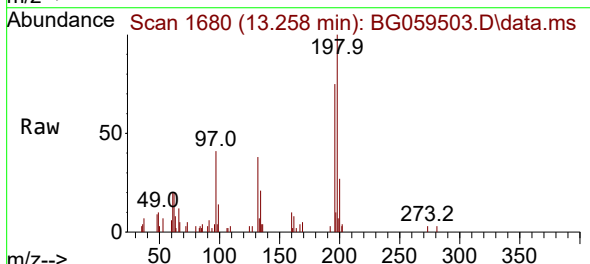
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

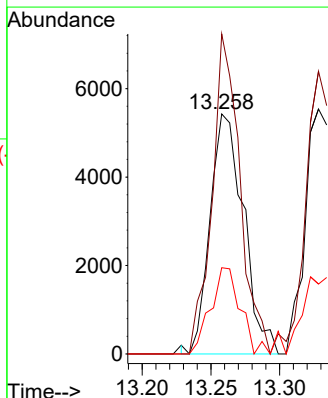
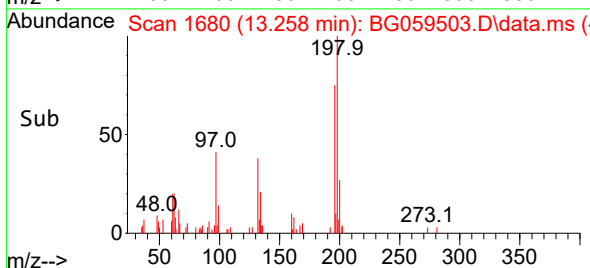
10/23/2023

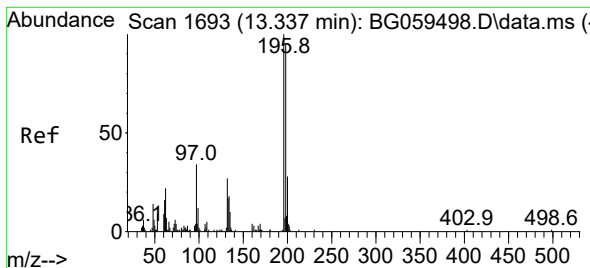


#41
2,4,6-Trichlorophenol
Concen: 3.560 ng/ul m
RT: 13.258 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18



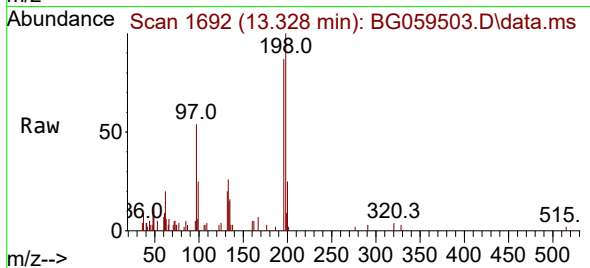
Tgt Ion:196 Resp: 9158
Ion Ratio Lower Upper
196 100
198 133.3 91.1 136.7
200 35.9 31.0 46.6





#42
2,4,5-Trichlorophenol
Concen: 3.371 ng/ul m
RT: 13.328 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



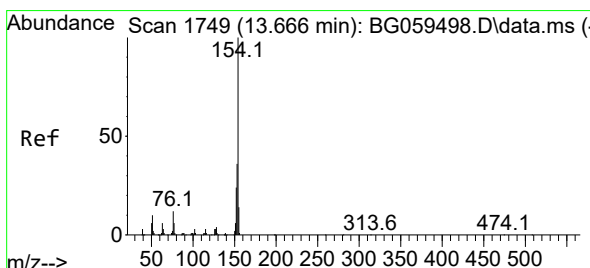
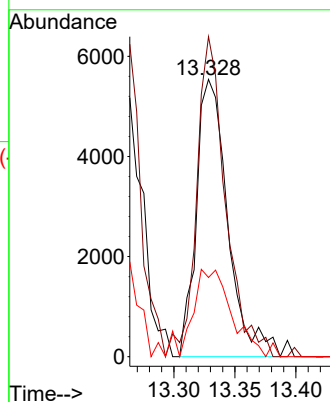
Tgt Ion:196 Resp: 991
Ion Ratio Lower Upper
196 100
198 115.4 75.9 113.9
200 28.6 26.6 39.8

Manual Integrations
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Reviewed By :Yogesh
Patel

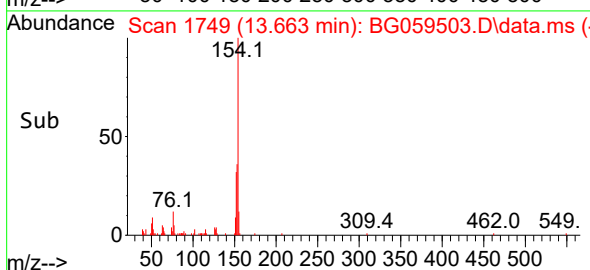
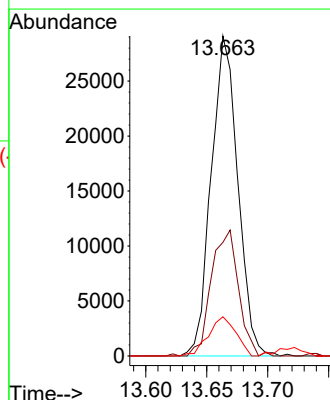
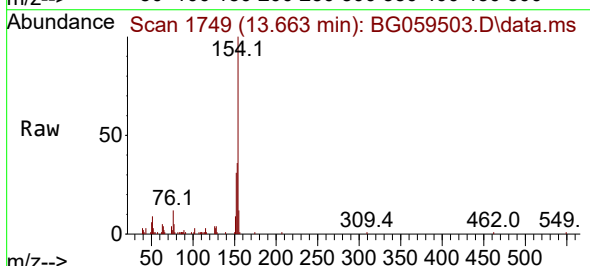
10/23/2023
Supervised By :mohammad
ahmed

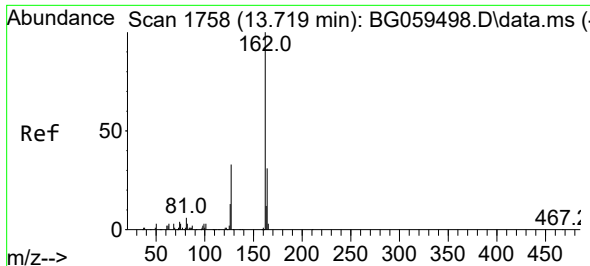
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#43
1,1'-Biphenyl
Concen: 3.796 ng/ul
RT: 13.663 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

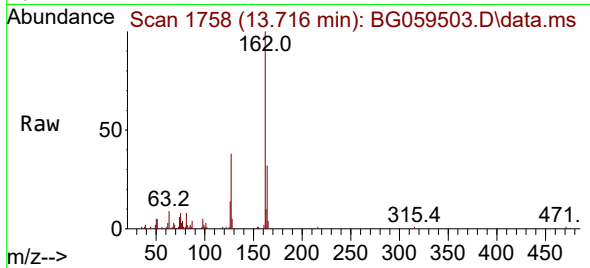
Tgt Ion:154 Resp: 44228
Ion Ratio Lower Upper
154 100
153 35.5 28.5 42.7
76 12.2 9.1 13.7





#44
2-Chloronaphthalene
Concen: 3.495 ng/ul
RT: 13.716 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



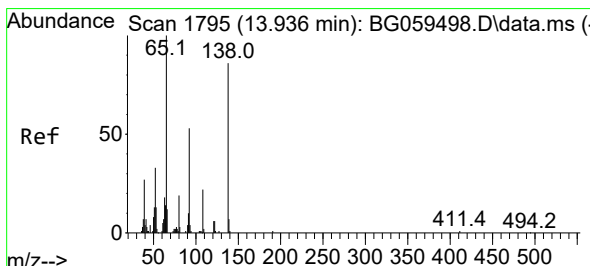
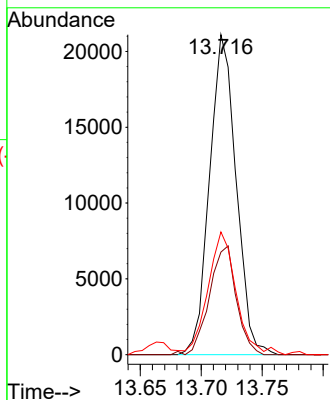
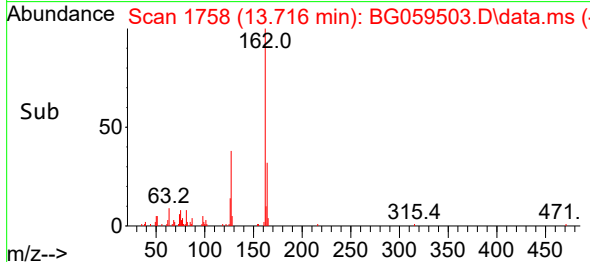
Tgt Ion:162 Resp: 32019
Ion Ratio Lower Upper
162 100
164 32.0 25.5 38.3
127 38.3 28.6 43.0

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Reviewed By :Yogesh
Patel

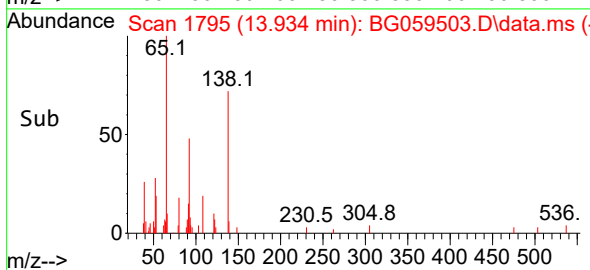
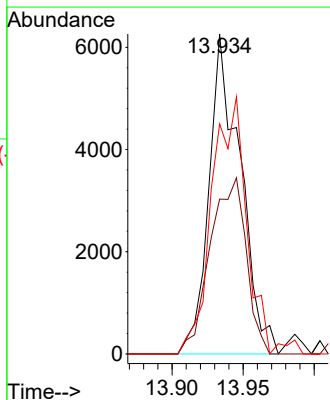
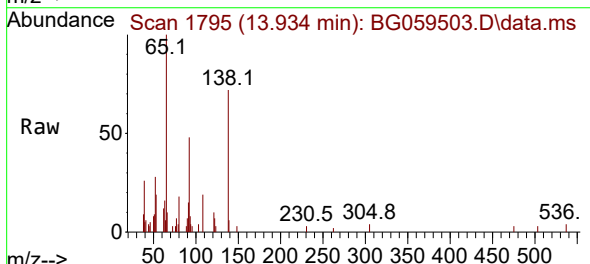
10/23/2023
Supervised By :mohammad
ahmed

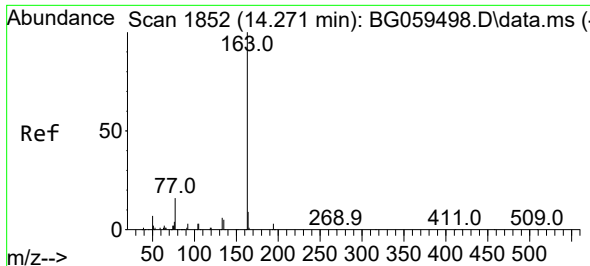
10/23/2023



#45
2-Nitroaniline
Concen: 3.213 ng/ul
RT: 13.934 min Scan# 1795
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

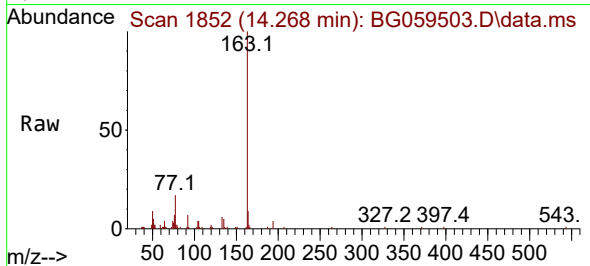
Tgt Ion: 65 Resp: 9595
Ion Ratio Lower Upper
65 100
92 48.4 50.9 76.3#
138 71.9 76.0 114.0#





#47
Dimethylphthalate
Concen: 3.506 ng/ul
RT: 14.268 min Scan# 1852
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



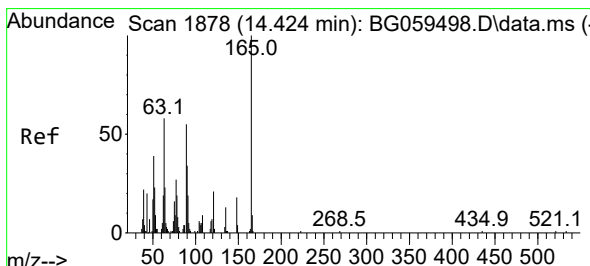
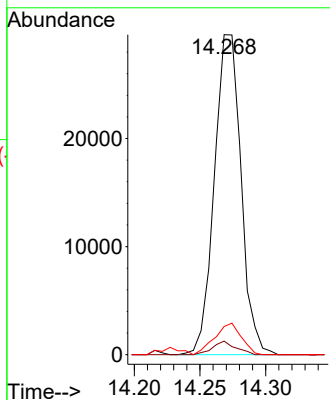
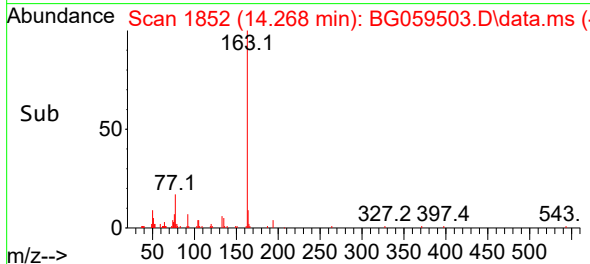
Tgt Ion:163 Resp: 41799
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1
164 8.8 8.1 12.1

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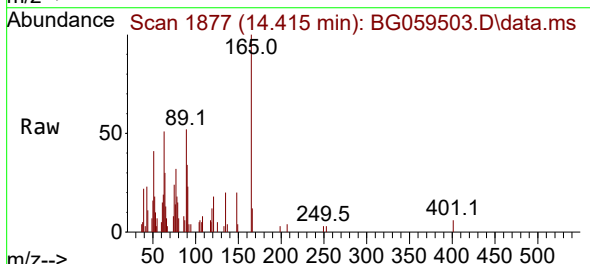
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

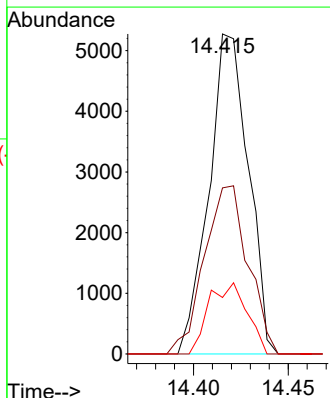
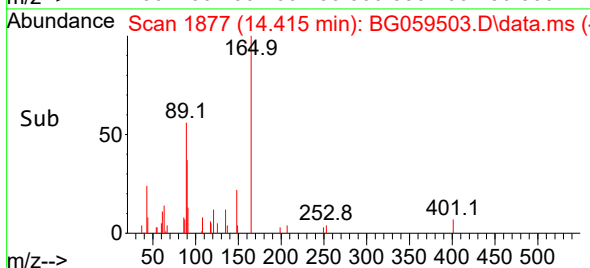
10/23/2023

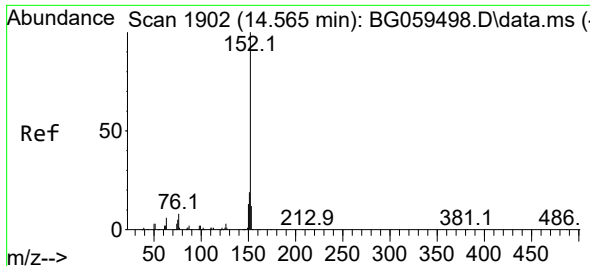


#48
2,6-Dinitrotoluene
Concen: 3.256 ng/ul
RT: 14.415 min Scan# 1877
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18



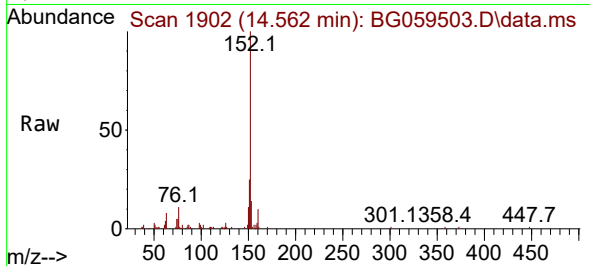
Tgt Ion:165 Resp: 7642
Ion Ratio Lower Upper
165 100
89 51.9 45.0 67.6
121 17.7 16.2 24.2





#50
Acenaphthylene
Concen: 3.540 ng/ul
RT: 14.562 min Scan# 1902
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



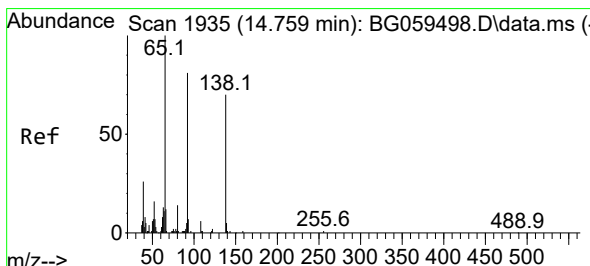
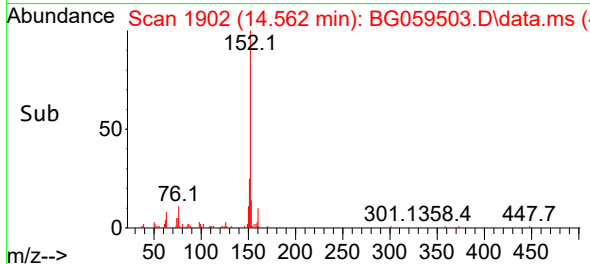
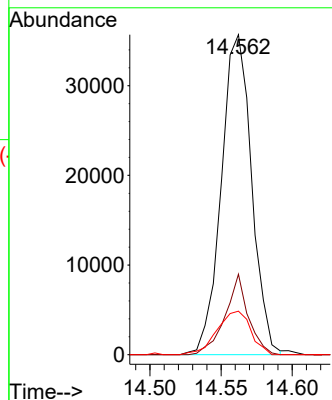
Tgt Ion:152 Resp: 52992
Ion Ratio Lower Upper
152 100
151 25.1 15.0 22.4#
153 13.6 11.4 17.2

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Reviewed By :Yogesh
Patel

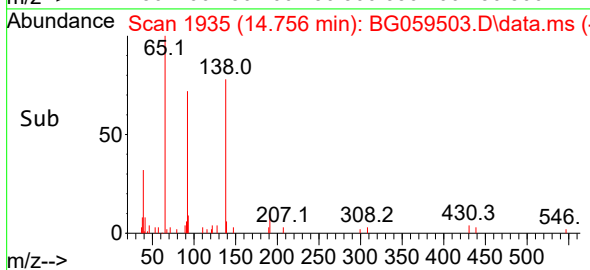
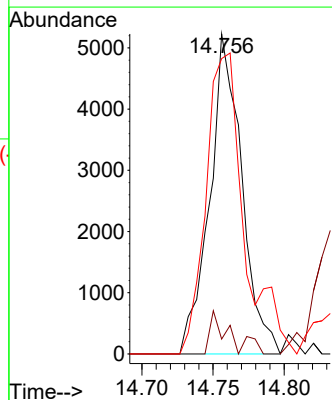
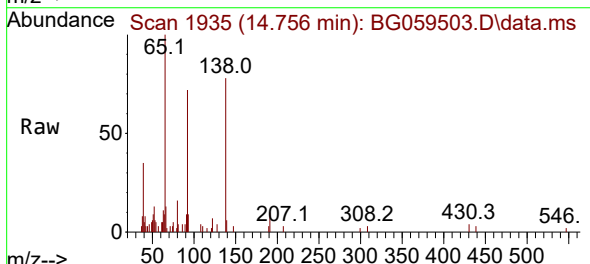
10/23/2023
Supervised By :mohammad
ahmed

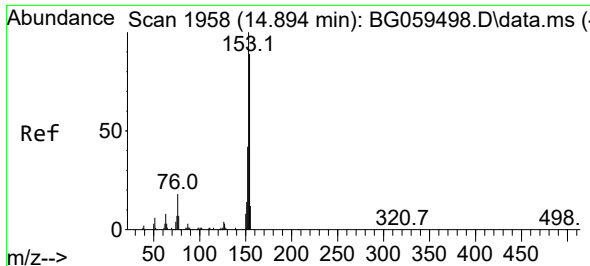
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#51
3-Nitroaniline
Concen: 3.616 ng/ul
RT: 14.756 min Scan# 1935
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

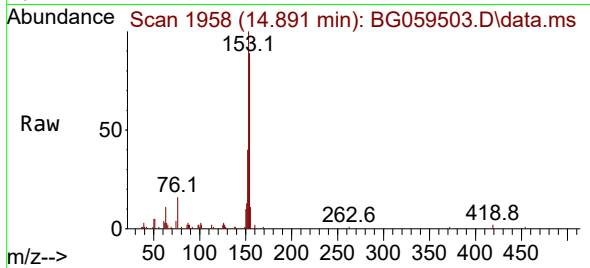
Tgt Ion:138 Resp: 8180
Ion Ratio Lower Upper
138 100
108 4.7 6.9 10.3#
92 92.3 107.8 161.6#





#52
Acenaphthene
Concen: 3.827 ng/ul
RT: 14.891 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



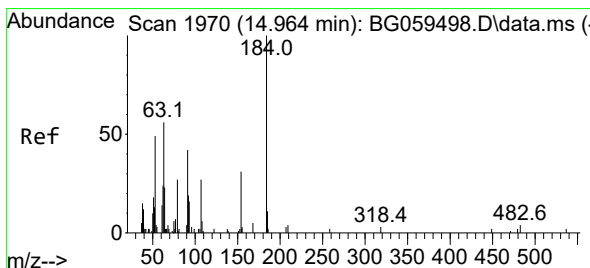
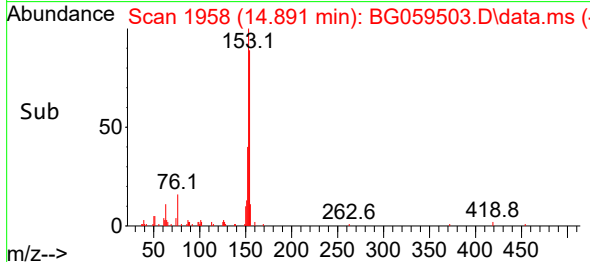
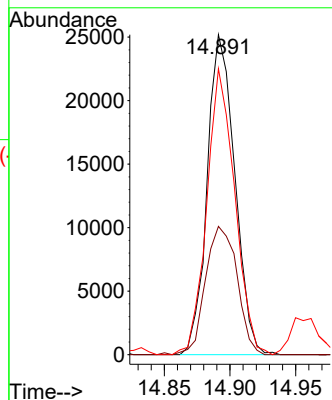
Tgt Ion:153 Resp: 3691
Ion Ratio Lower Upper
153 100
152 40.1 36.0 54.0
154 89.4 74.2 111.4

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Reviewed By :Yogesh
Patel

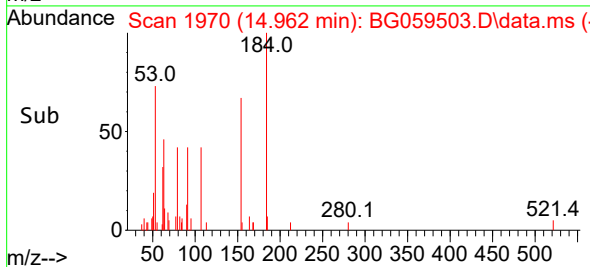
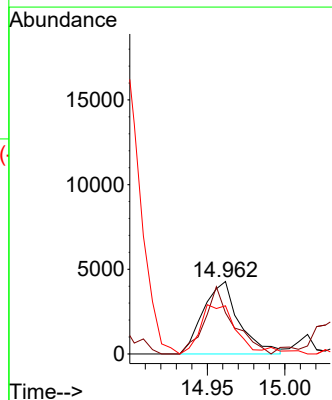
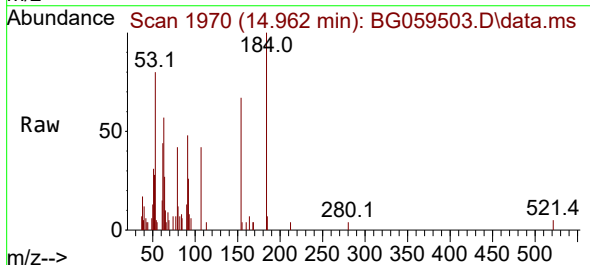
10/23/2023
Supervised By :mohammad
ahmed

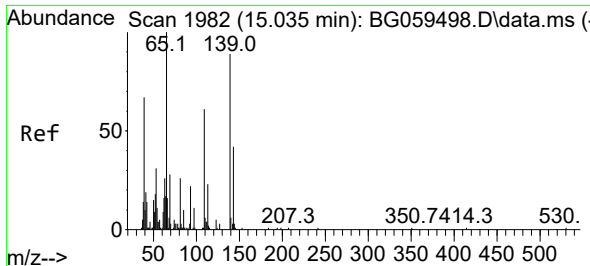
10/23/2023



#53
2,4-Dinitrophenol
Concen: 5.782 ng/ul
RT: 14.962 min Scan# 1970
Delta R.T. 0.010 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

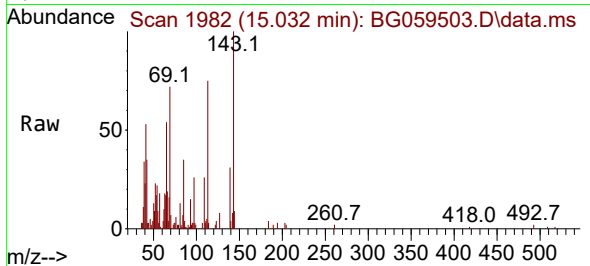
Tgt Ion:184 Resp: 6884
Ion Ratio Lower Upper
184 100
63 56.7 65.8 98.8#
154 66.5 47.5 71.3





#55
4-Nitrophenol
Concen: 3.535 ng/ul
RT: 15.032 min Scan# 1982
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



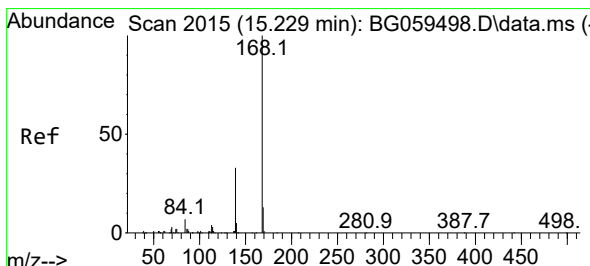
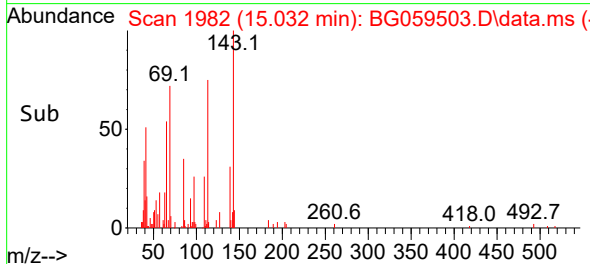
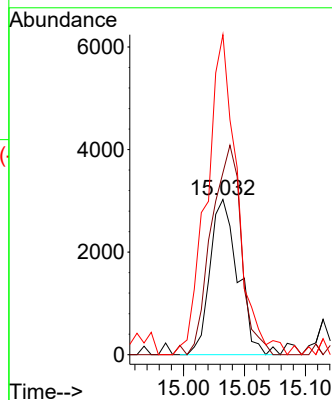
Tgt Ion:109 Resp: 485
Ion Ratio Lower Upper
109 100
139 117.1 115.1 172.7
65 206.1 121.9 182.9

Manual Integrations
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Reviewed By :Yogesh
Patel

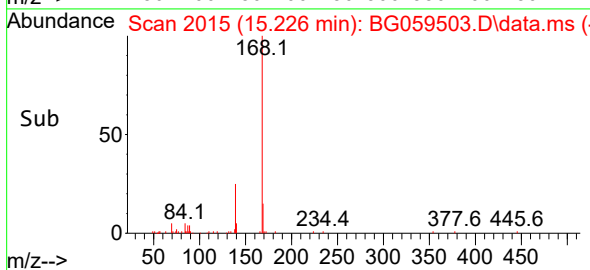
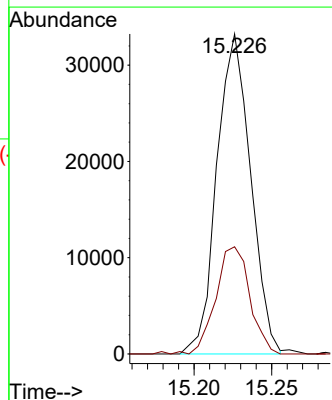
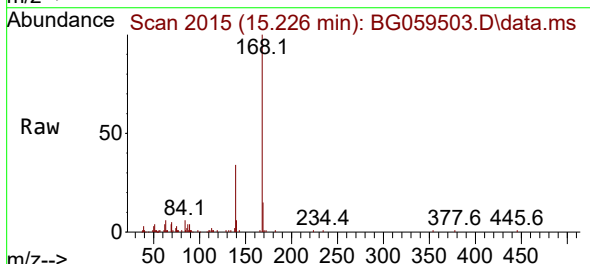
10/23/2023
Supervised By :mohammad
ahmed

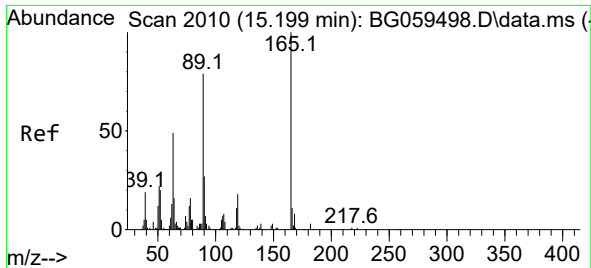
10/23/2023



#56
Dibenzofuran
Concen: 3.863 ng/ul
RT: 15.226 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

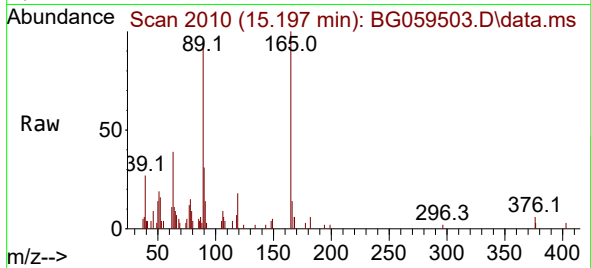
Tgt Ion:168 Resp: 50236
Ion Ratio Lower Upper
168 100
139 33.5 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 3.547 ng/ul
RT: 15.197 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



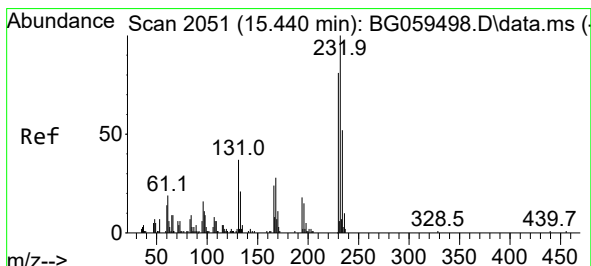
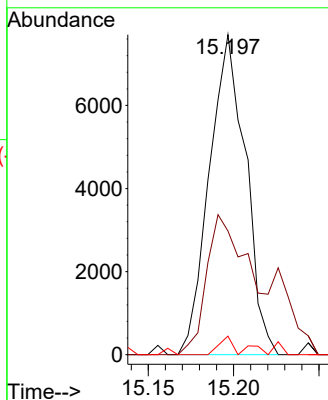
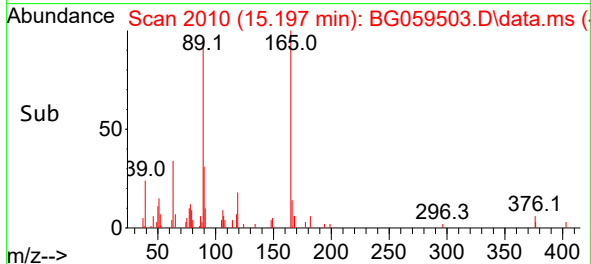
Tgt Ion:165 Resp: 11392
Ion Ratio Lower Upper
165 100
63 38.7 37.5 56.3
182 5.8 1.8 2.8

Manual Integrations
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Reviewed By :Yogesh
Patel

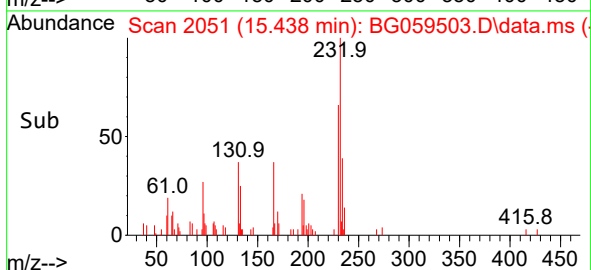
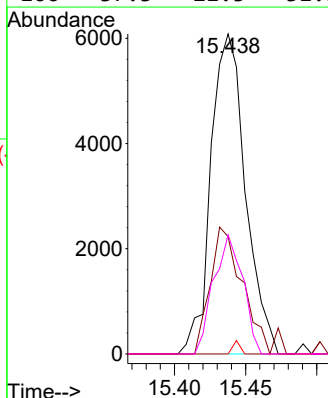
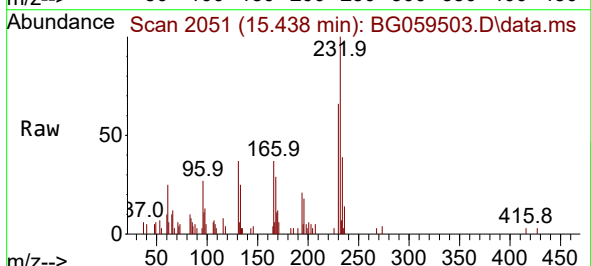
10/23/2023
Supervised By :mohammad
ahmed

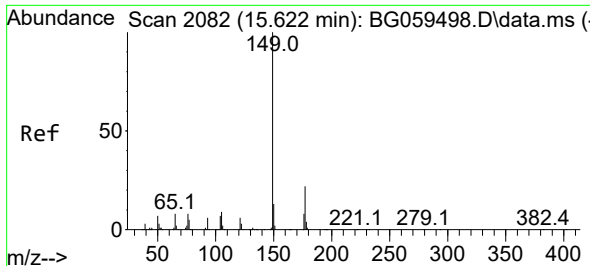
10/23/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.901 ng/ul
RT: 15.438 min Scan# 2051
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

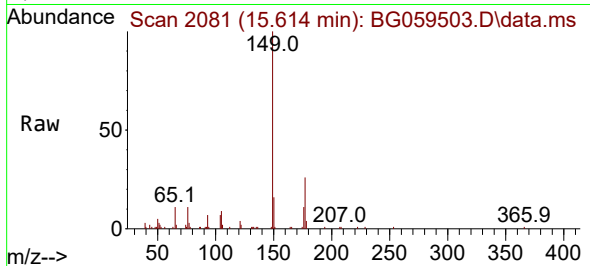
Tgt Ion:232 Resp: 10280
Ion Ratio Lower Upper
232 100
131 36.6 31.0 46.6
130 0.0 1.5 2.3#
166 37.3 21.3 31.9#





#59
Diethylphthalate
Concen: 3.714 ng/ul
RT: 15.614 min Scan# 2081
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



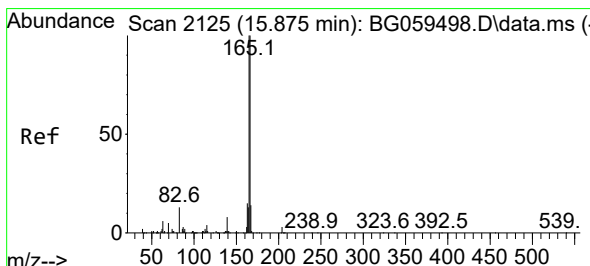
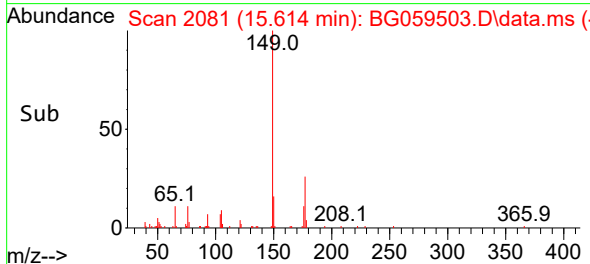
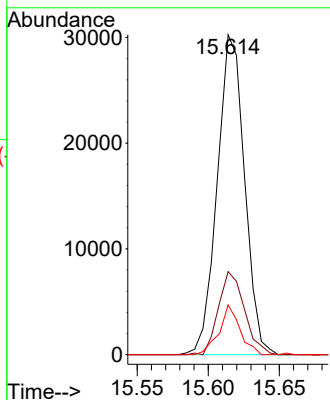
Tgt Ion:149 Resp: 4041
Ion Ratio Lower Upper
149 100
177 26.0 19.1 28.7
150 15.6 10.0 15.0

Manual Integrations
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Reviewed By :Yogesh
Patel

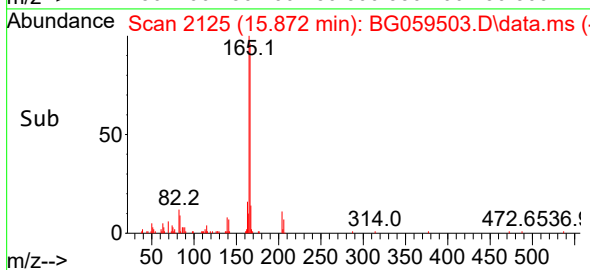
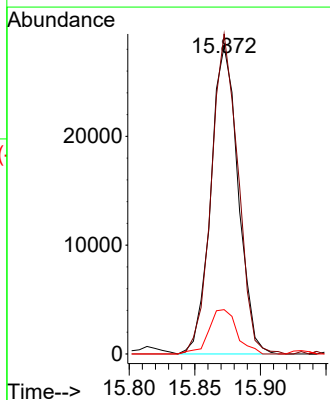
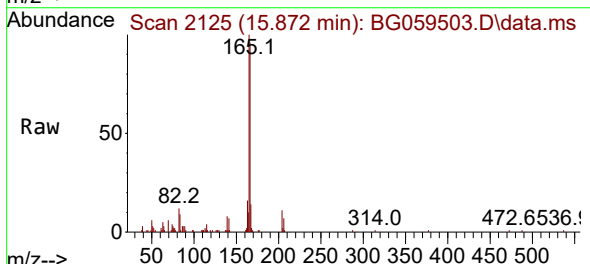
10/23/2023
Supervised By :mohammad
ahmed

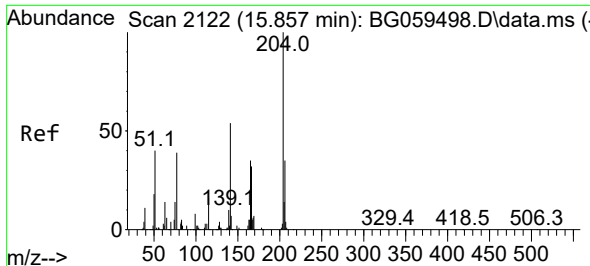
10/23/2023



#61
Fluorene
Concen: 3.769 ng/ul
RT: 15.872 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

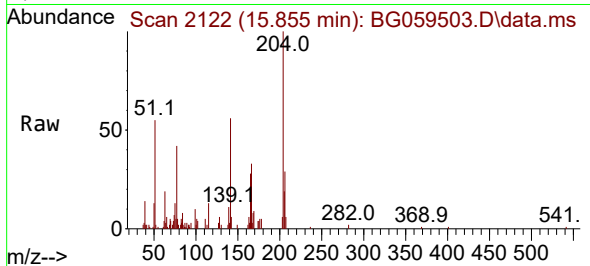
Tgt Ion:166 Resp: 41031
Ion Ratio Lower Upper
166 100
165 104.0 74.8 112.2
167 14.4 9.0 13.6





#62
4-Chlorophenyl-phenylether
Concen: 3.720 ng/ul
RT: 15.855 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



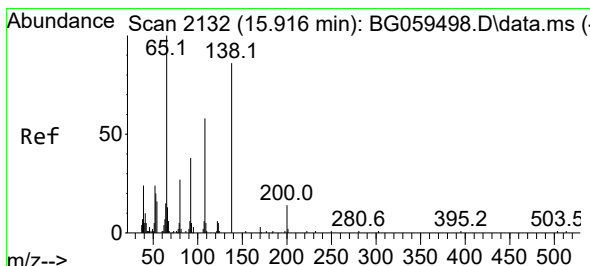
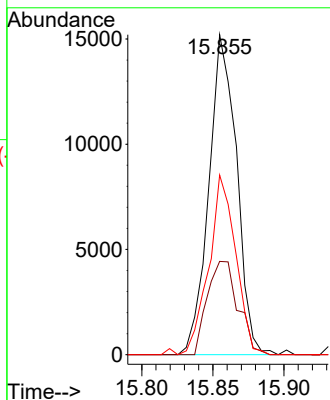
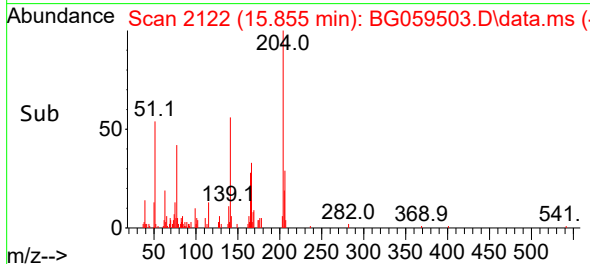
Tgt Ion:204 Resp: 2066
Ion Ratio Lower Upper
204 100
206 29.1 25.0 37.6
141 56.1 42.7 64.1

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Reviewed By :Yogesh
Patel

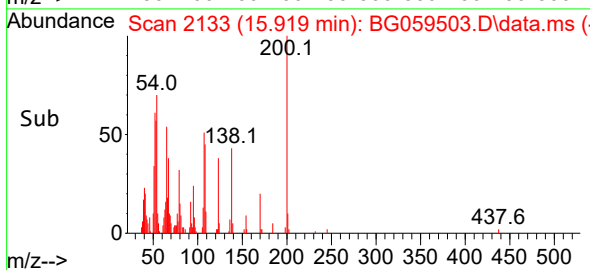
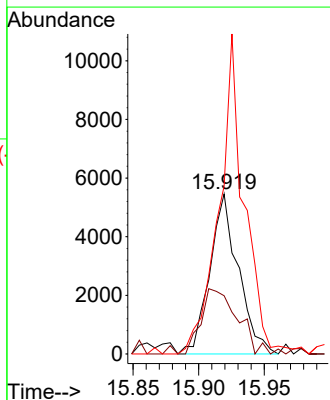
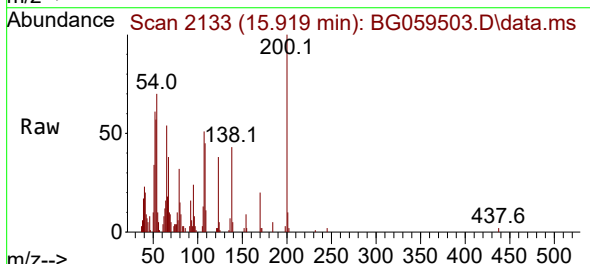
10/23/2023
Supervised By :mohammad
ahmed

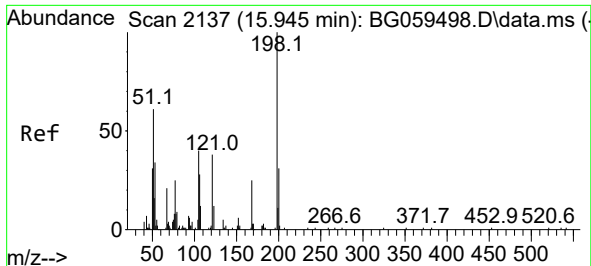
10/23/2023



#63
4-Nitroaniline
Concen: 3.776 ng/ul
RT: 15.919 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

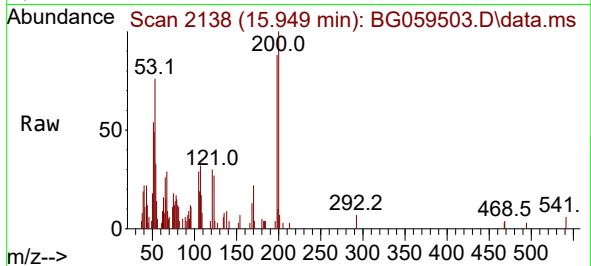
Tgt Ion:138 Resp: 8273
Ion Ratio Lower Upper
138 100
92 36.4 42.5 63.7#
108 105.1 54.6 81.8#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.865 ng/ul
RT: 15.949 min Scan# 2137
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



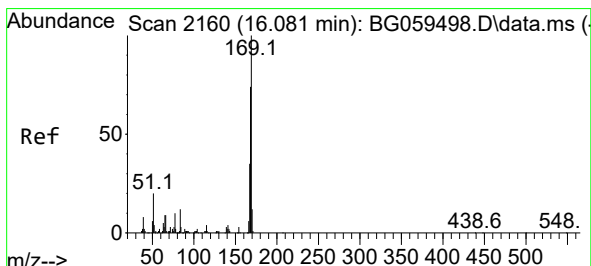
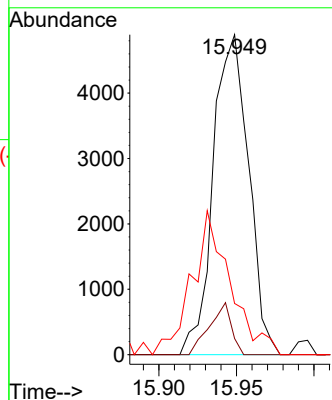
Tgt Ion:198 Resp: 777
Ion Ratio Lower Upper
198 100
182 5.1 1.5 2.3
77 16.0 13.4 20.0

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Reviewed By :Yogesh
Patel

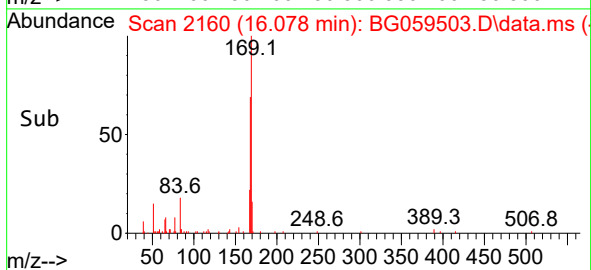
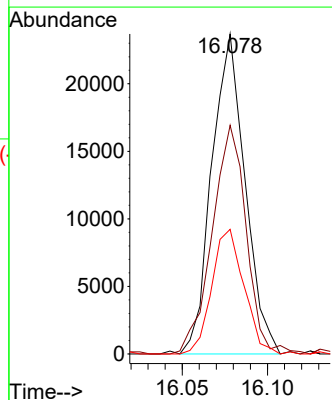
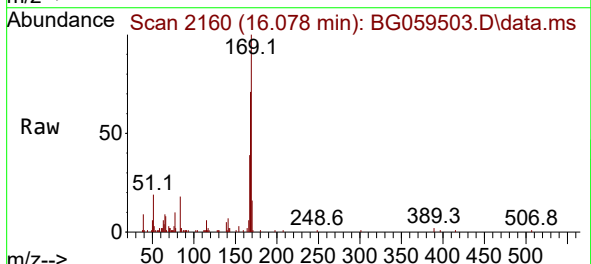
10/23/2023
Supervised By :mohammad
ahmed

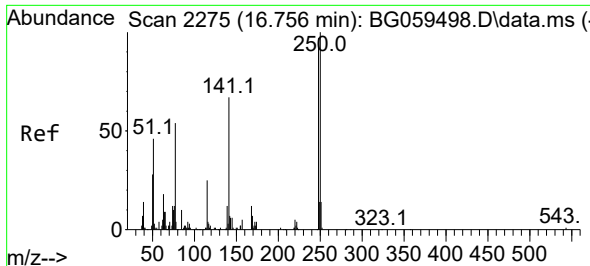
10/23/2023



#67
N-Nitrosodiphenylamine
Concen: 3.691 ng/ul
RT: 16.078 min Scan# 2160
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

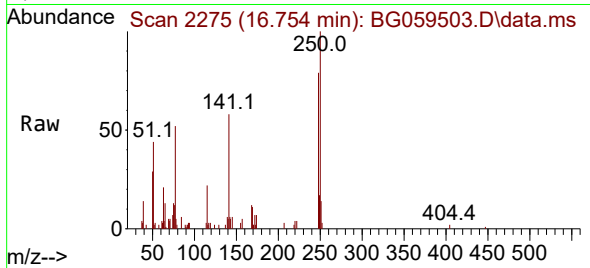
Tgt Ion:169 Resp: 32153
Ion Ratio Lower Upper
169 100
168 71.4 56.6 84.8
167 38.9 27.3 40.9





#68
4-Bromophenyl-phenylether
Concen: 3.623 ng/ul
RT: 16.754 min Scan# 211
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



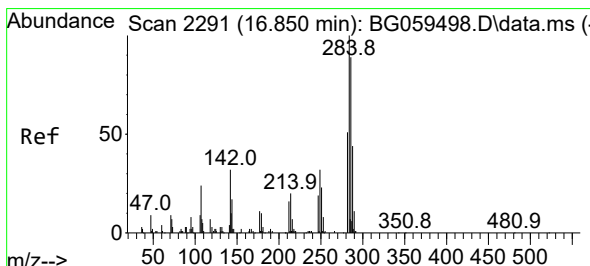
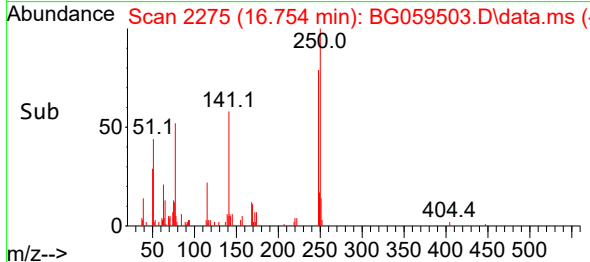
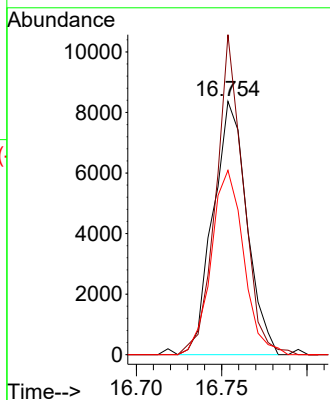
Tgt Ion:248 Resp: 11520
Ion Ratio Lower Upper
248 100
250 126.3 73.0 109.6
141 72.7 50.7 76.1

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Reviewed By :Yogesh
Patel

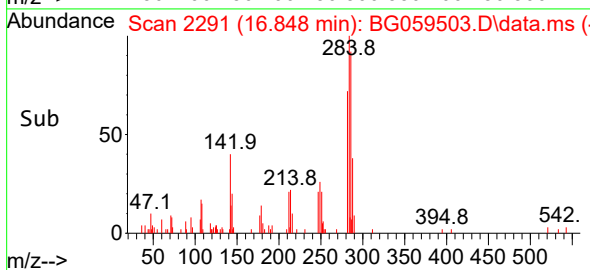
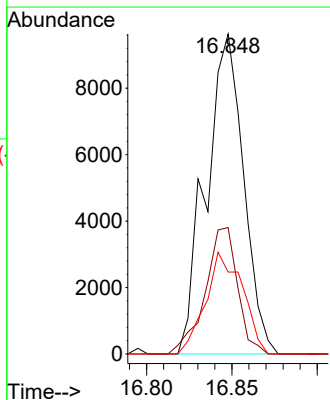
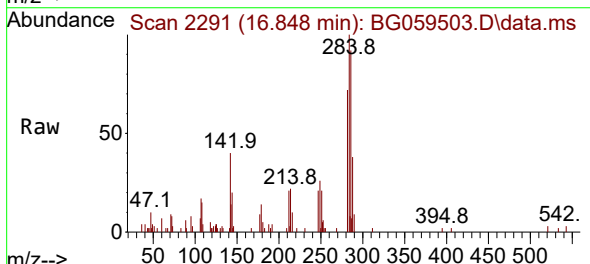
10/23/2023
Supervised By :mohammad
ahmed

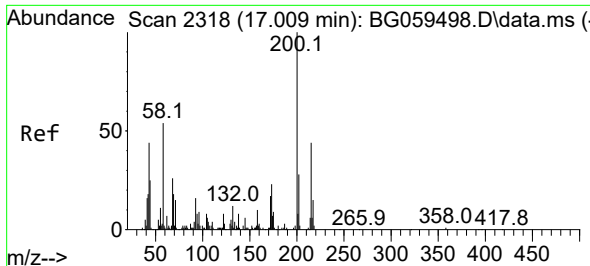
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#69
Hexachlorobenzene
Concen: 4.089 ng/ul
RT: 16.848 min Scan# 2291
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

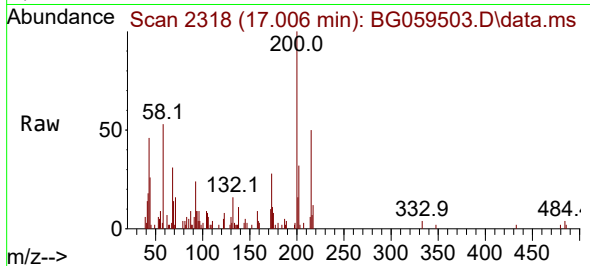
Tgt Ion:284 Resp: 14730
Ion Ratio Lower Upper
284 100
142 39.5 24.6 36.8
249 25.6 21.0 31.6





#70
Atrazine
Concen: 4.162 ng/ul
RT: 17.006 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



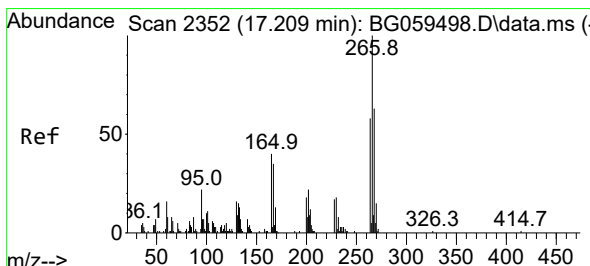
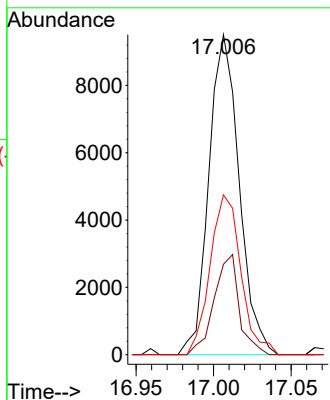
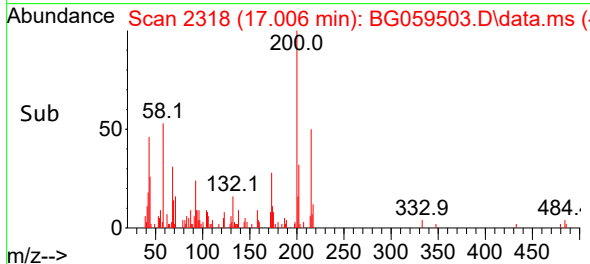
Tgt Ion:200 Resp: 12930
Ion Ratio Lower Upper
200 100
173 28.2 20.2 30.4
215 50.0 38.4 57.6

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Patel

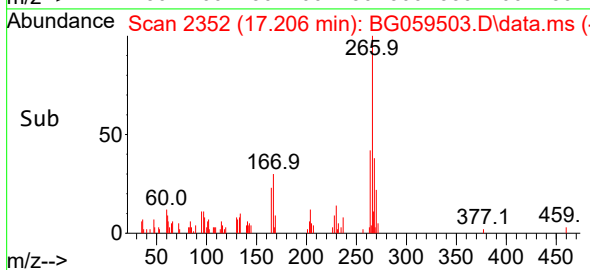
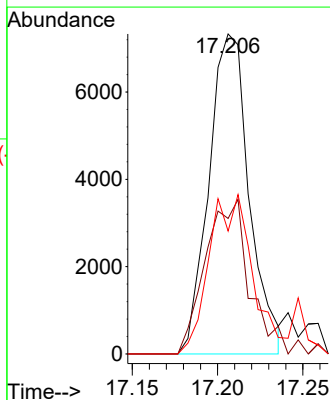
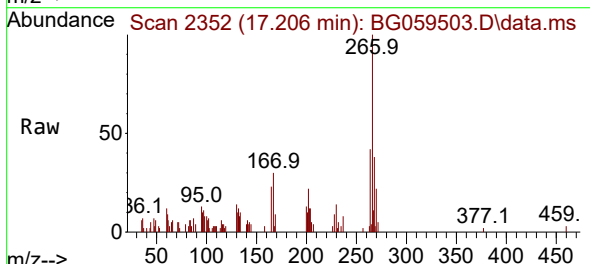
10/23/2023
Supervised By :mohammad
ahmed

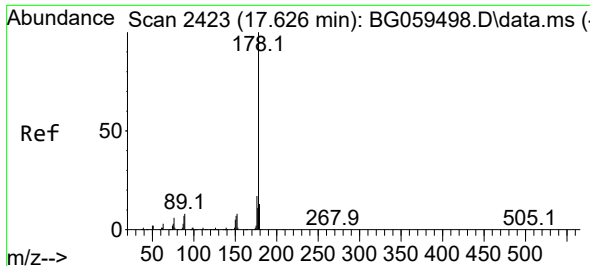
10/23/2023



#71
Pentachlorophenol
Concen: 5.972 ng/ul
RT: 17.206 min Scan# 2352
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

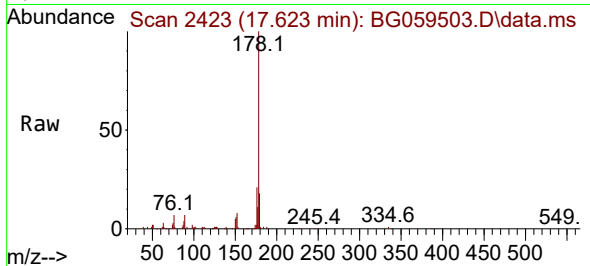
Tgt Ion:266 Resp: 12082
Ion Ratio Lower Upper
266 100
264 42.3 41.8 62.6
268 41.2 53.2 79.8#





#72
Phenanthrene
Concen: 3.945 ng/ul
RT: 17.623 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



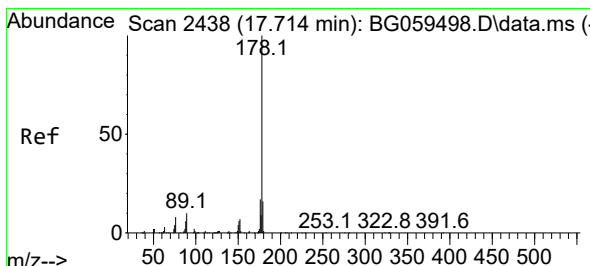
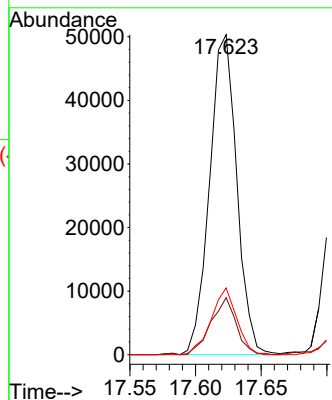
Tgt Ion:178 Resp: 72583
Ion Ratio Lower Upper
178 100
179 17.8 13.3 19.9
176 20.8 14.3 21.5

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Patel

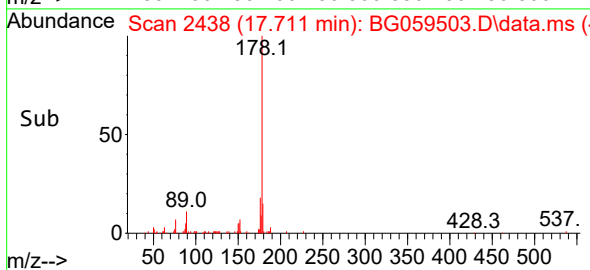
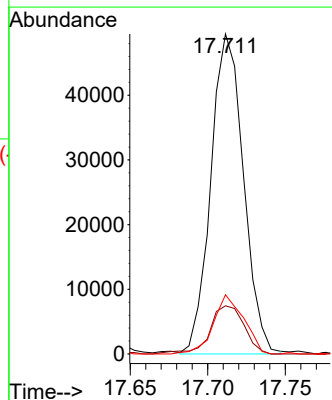
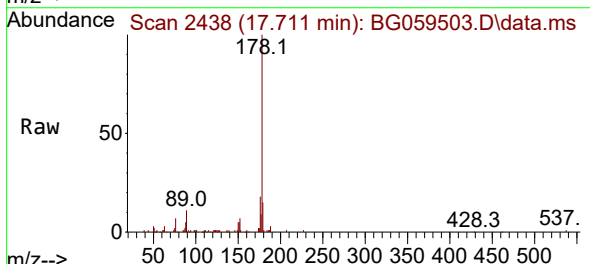
10/23/2023
Supervised By :mohammad
ahmed

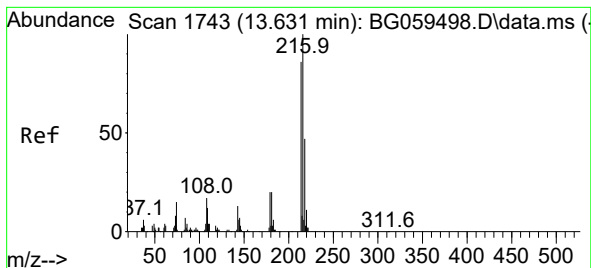
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#74
Anthracene
Concen: 3.826 ng/ul
RT: 17.711 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

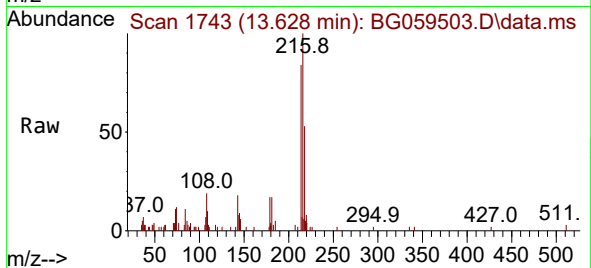
Tgt Ion:178 Resp: 72465
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 18.5 15.4 23.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.565 ng/uL
RT: 13.628 min Scan# 1743
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



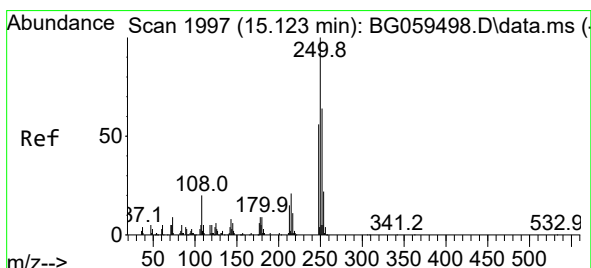
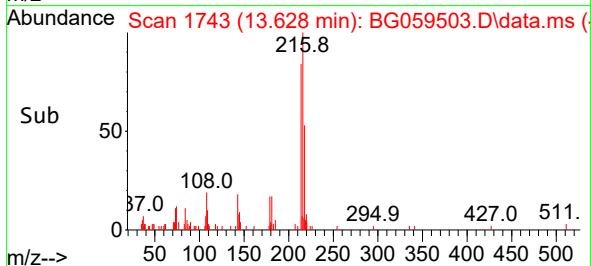
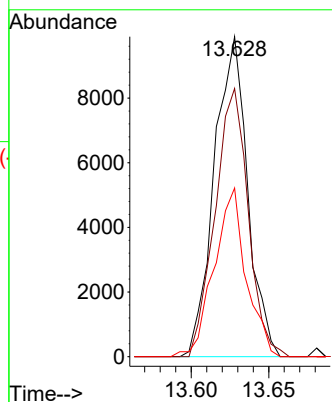
Tgt Ion:216 Resp: 1478
Ion Ratio Lower Upper
216 100
214 83.8 64.4 96.6
218 52.7 34.9 52.3

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Patel

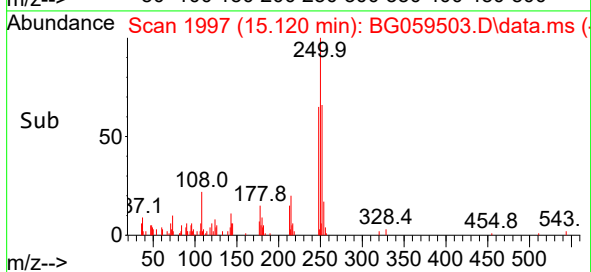
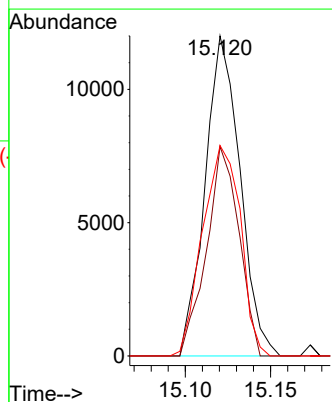
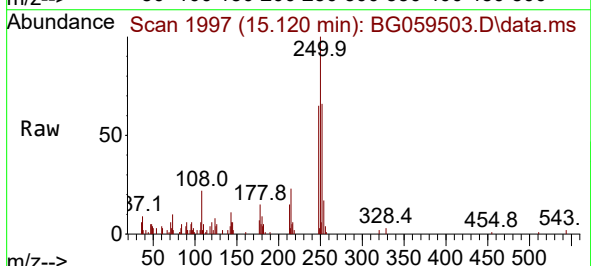
10/23/2023
Supervised By :mohammad
ahmed

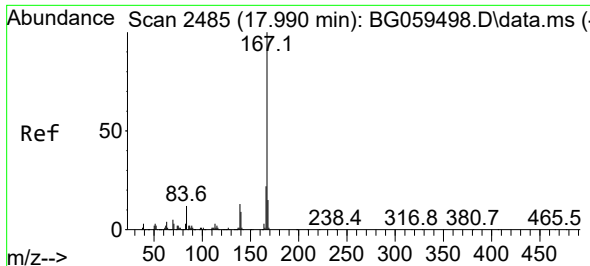
10/23/2023



#76
Pentachlorobenzene
Concen: 4.219 ng/uL
RT: 15.120 min Scan# 1997
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

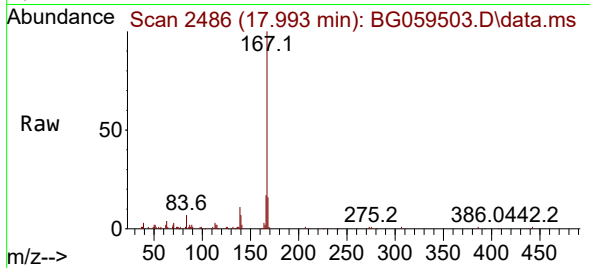
Tgt Ion:250 Resp: 17141
Ion Ratio Lower Upper
250 100
248 65.5 51.8 77.8
252 65.8 55.0 82.4





#77
 Carbazole
 Concen: 4.054 ng/ul
 RT: 17.993 min Scan# 2485
 Delta R.T. 0.005 min
 Lab File: BG059503.D
 Acq: 20 Oct 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



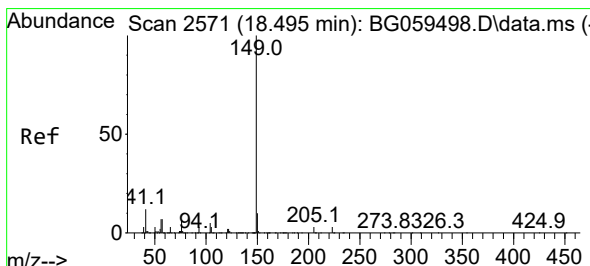
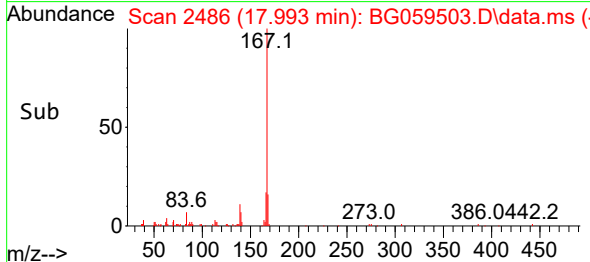
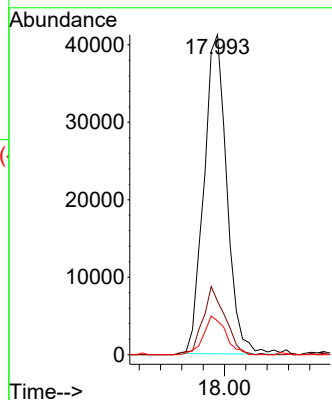
Tgt Ion:167 Resp: 6154
 Ion Ratio Lower Upper
 167 100
 166 16.7 15.8 23.6
 139 10.6 8.7 13.1

Manual Integrations
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 Patel

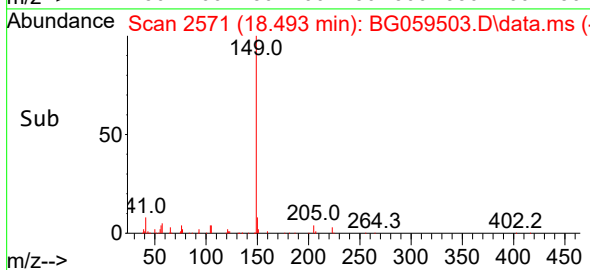
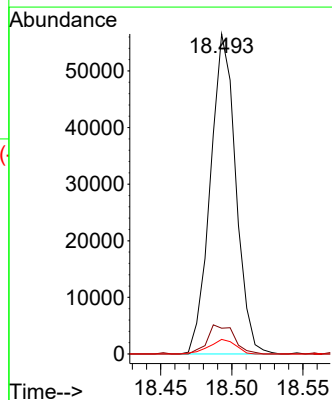
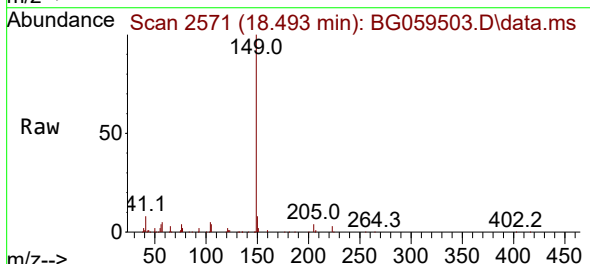
10/23/2023
 Supervised By :mohammad
 ahmed

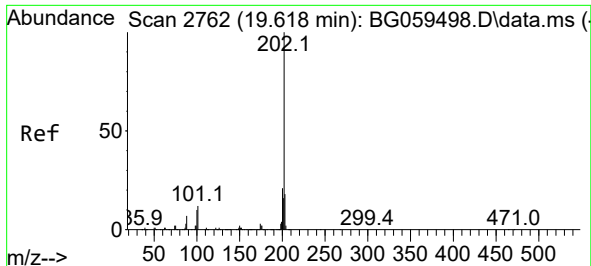
10/23/2023



#78
 Di-n-butylphthalate
 Concen: 3.801 ng/ul
 RT: 18.493 min Scan# 2571
 Delta R.T. -0.001 min
 Lab File: BG059503.D
 Acq: 20 Oct 2023 15:18

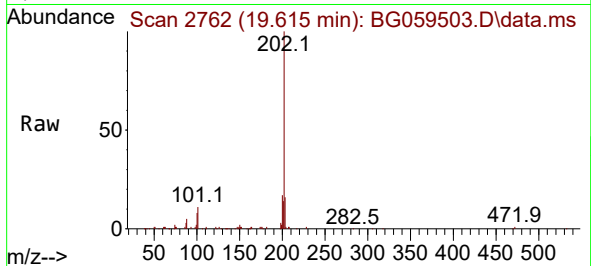
Tgt Ion:149 Resp: 70438
 Ion Ratio Lower Upper
 149 100
 150 8.1 7.3 10.9
 104 4.6 3.5 5.3





#80
Fluoranthene
Concen: 3.795 ng/ul
RT: 19.615 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



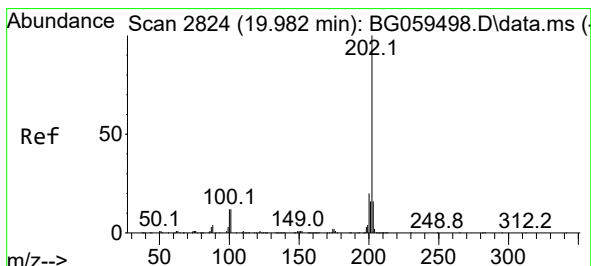
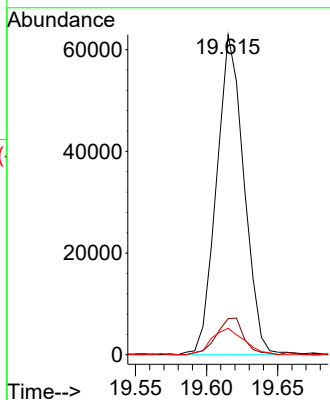
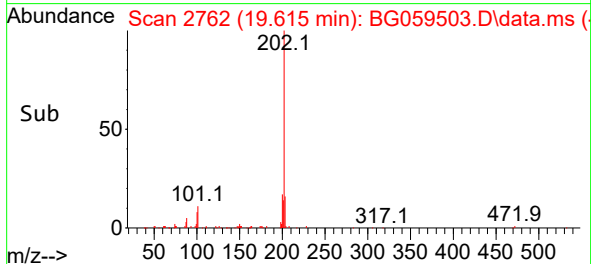
Tgt Ion:202 Resp: 84308
Ion Ratio Lower Upper
202 100
101 11.3 8.1 12.1
100 8.2 7.3 10.9

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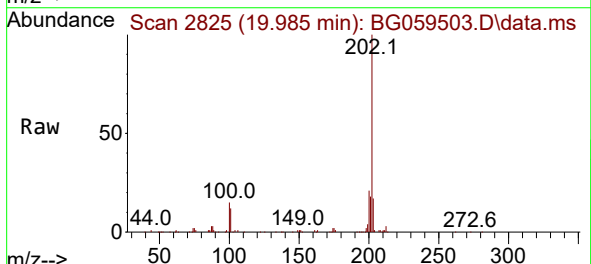
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

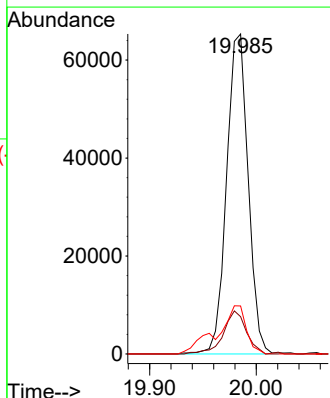
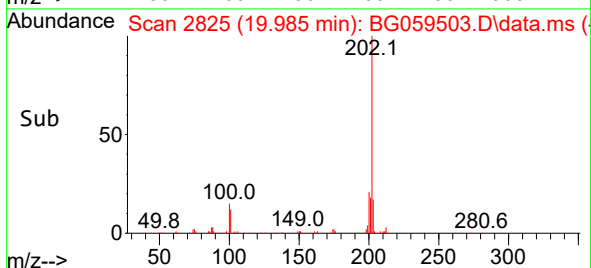
10/23/2023

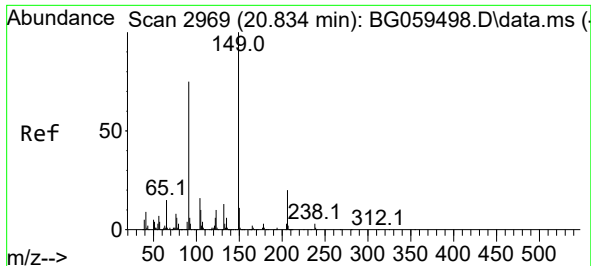


#82
Pyrene
Concen: 3.925 ng/ul
RT: 19.985 min Scan# 2825
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18



Tgt Ion:202 Resp: 91922
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.0
100 15.0 9.4 14.0#





#83
Butylbenzylphthalate
Concen: 3.657 ng/ul
RT: 20.831 min Scan# 2969
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06

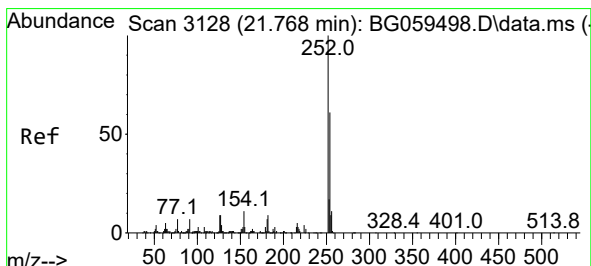
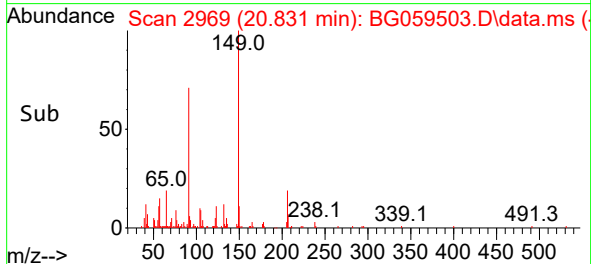
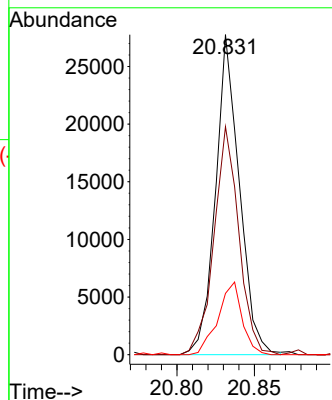
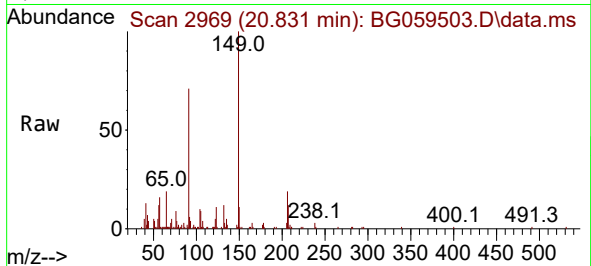
Tgt Ion:	149	Resp:	2972
Ion Ratio	Lower	Upper	
149	100		
91	71.2	58.6	87.8
206	19.1	16.4	24.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

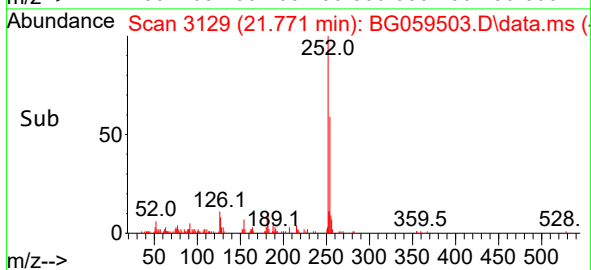
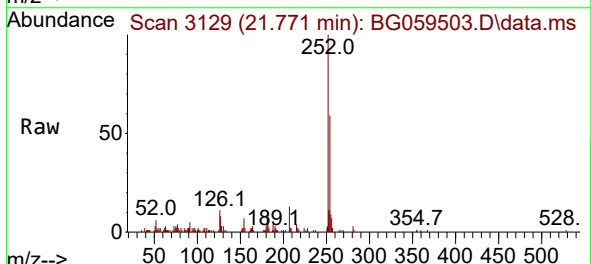
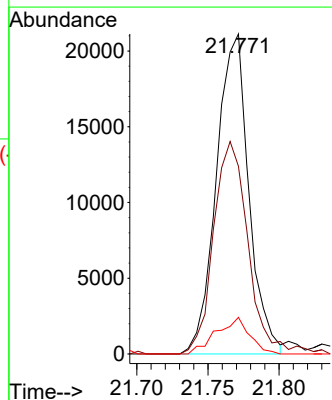
10/23/2023
Supervised By :mohammad
ahmed

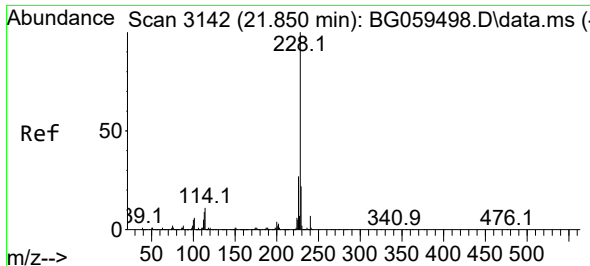
10/23/2023



#84
3,3'-Dichlorobenzidine
Concen: 4.555 ng/ul
RT: 21.771 min Scan# 3129
Delta R.T. 0.005 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

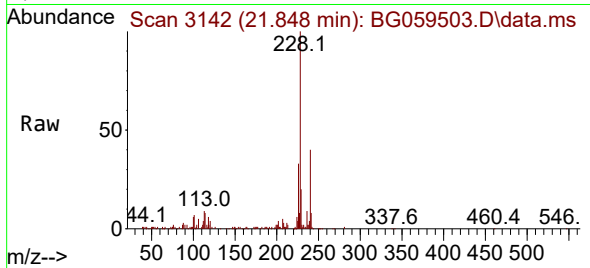
Tgt Ion:	252	Resp:	33556
Ion Ratio	Lower	Upper	
252	100		
254	58.6	50.8	76.2
126	11.4	6.5	9.7#





#85
Benzo(a)anthracene
Concen: 3.810 ng/ul
RT: 21.848 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-06



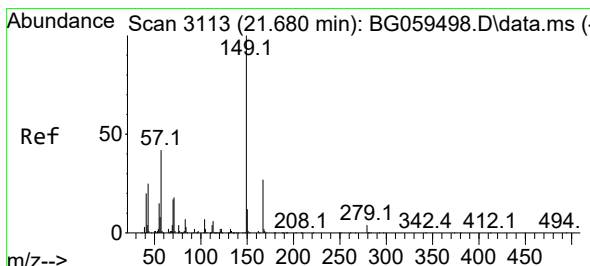
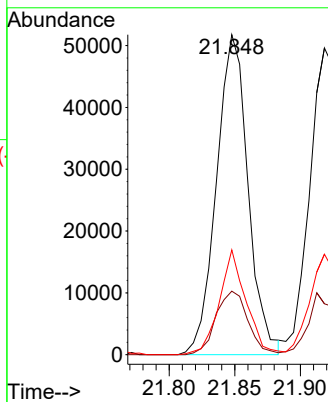
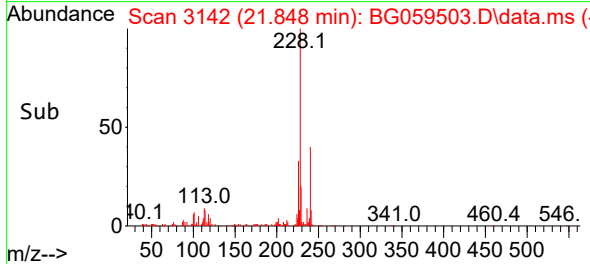
Tgt Ion:228 Resp: 86585
Ion Ratio Lower Upper
228 100
229 19.9 16.7 25.1
226 32.7 21.0 31.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

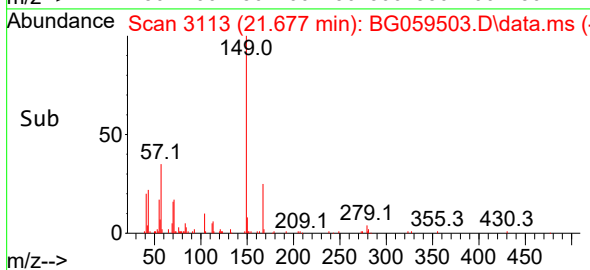
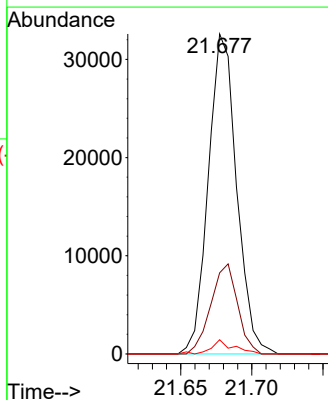
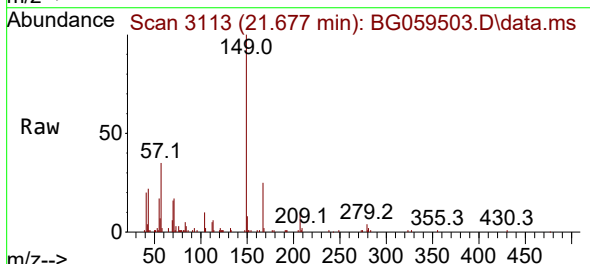
10/23/2023
Supervised By :mohammad
ahmed

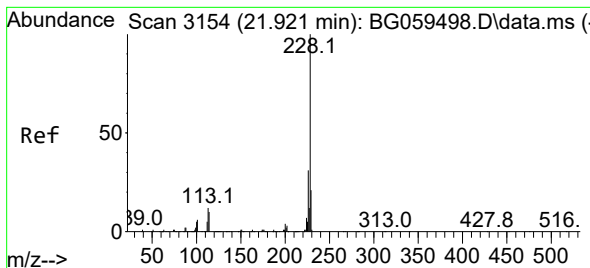
10/23/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.801 ng/ul
RT: 21.677 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Tgt Ion:149 Resp: 45082
Ion Ratio Lower Upper
149 100
167 25.3 20.4 30.6
279 4.4 2.6 3.8





#87

Chrysene

Concen: 3.933 ng/ul

RT: 21.918 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-06

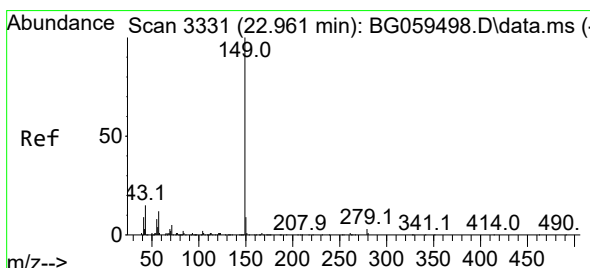
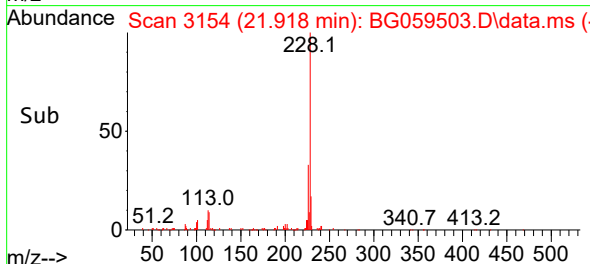
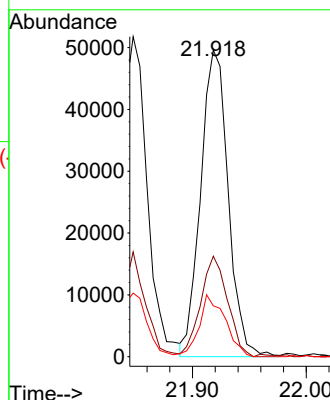
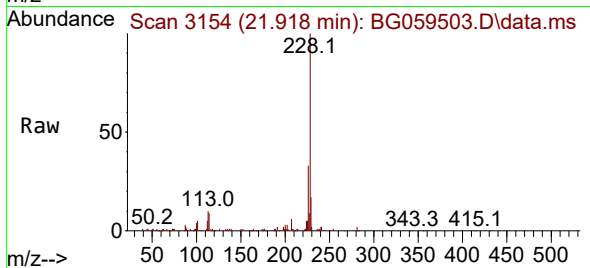
Tgt Ion:	228	Resp:	83554
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.3	34.9
229	16.6	16.1	24.1

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

10/23/2023



#89

Di-n-octyl phthalate

Concen: 4.117 ng/ul

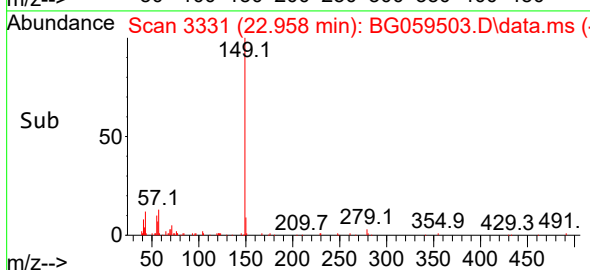
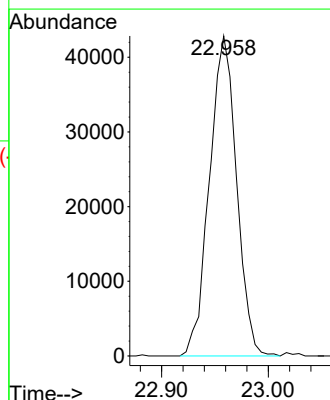
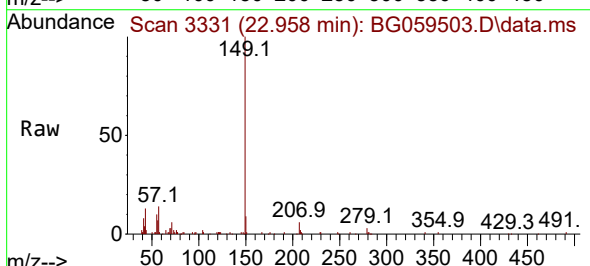
RT: 22.958 min Scan# 3331

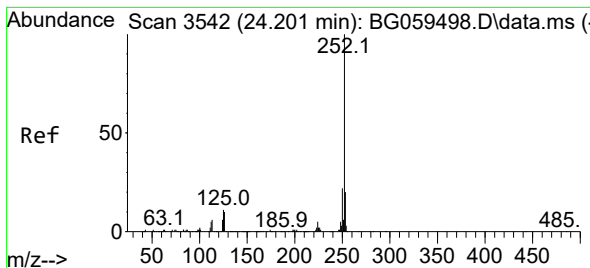
Delta R.T. -0.001 min

Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

Tgt Ion:149 Resp: 75864





#90

Benzo(b)fluoranthene

Concen: 4.118 ng/ul m

RT: 24.198 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG059503.D

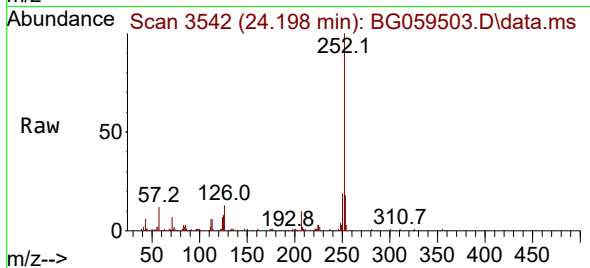
Acq: 20 Oct 2023 15:18

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 89419

Ion	Ratio	Lower	Upper
252	100		
253	17.8	17.8	26.8
125	8.1	8.2	12.2

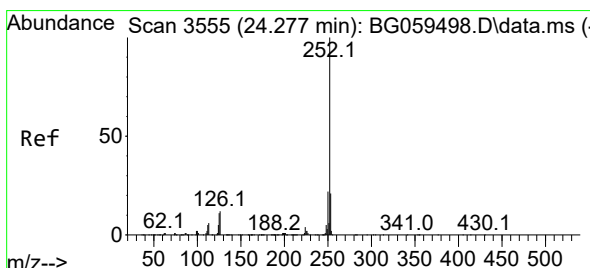
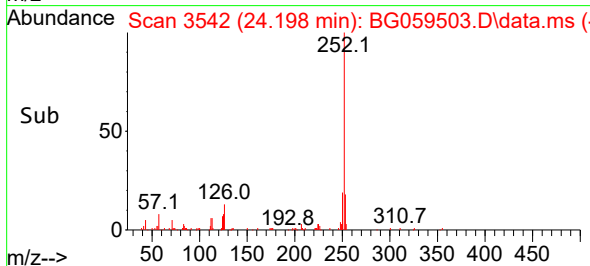
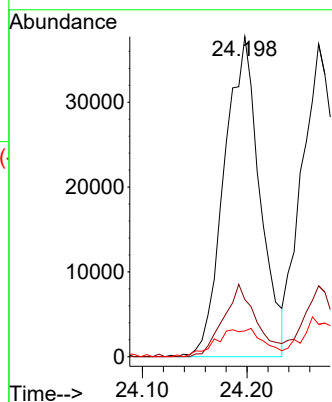
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/23/2023

Supervised By :mohammad
ahmed

10/23/2023



#91

Benzo(k)fluoranthene

Concen: 3.929 ng/ul

RT: 24.268 min Scan# 3554

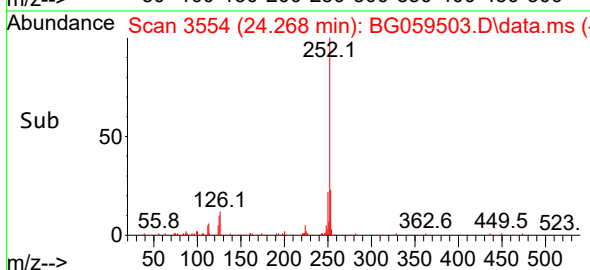
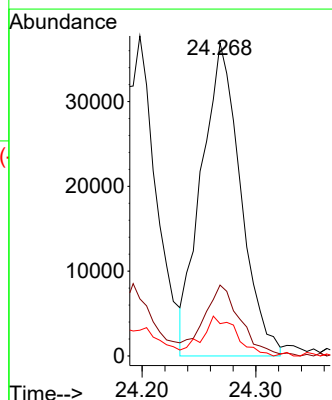
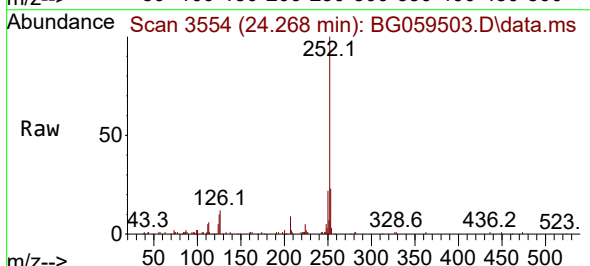
Delta R.T. -0.007 min

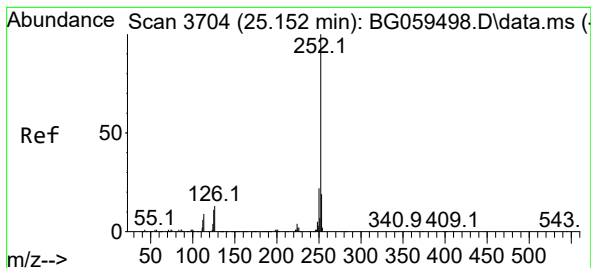
Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

Tgt Ion:252 Resp: 88220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.3	7.3	10.9





#93

Benzo(a)pyrene

Concen: 4.080 ng/ul

RT: 25.150 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059503.D

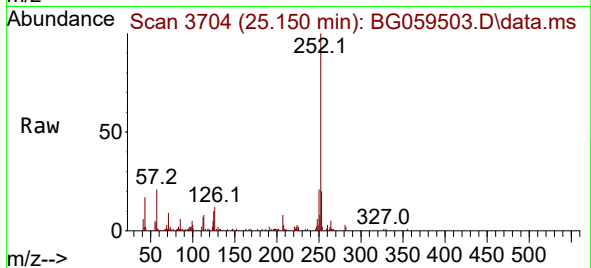
Acq: 20 Oct 2023 15:18

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 84400

Ion	Ratio	Lower	Upper
252	100		
253	20.0	20.0	30.0
125	10.5	9.9	14.9

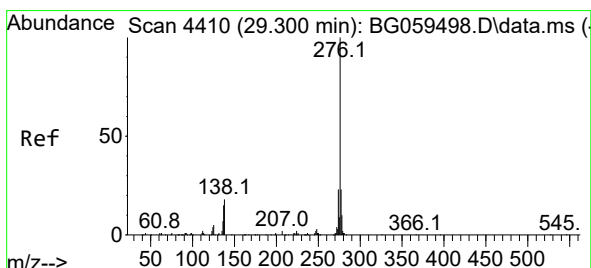
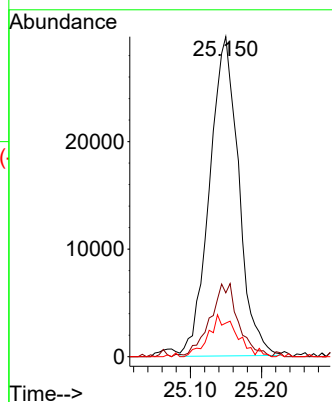
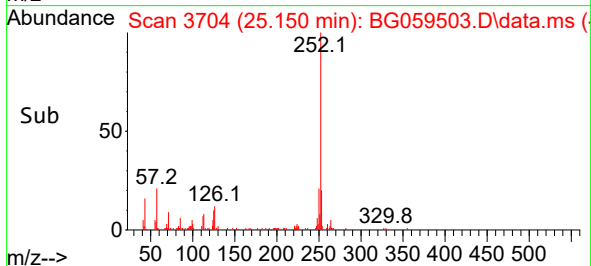
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/23/2023

Supervised By :mohammad
ahmed

10/23/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.913 ng/ul m

RT: 29.280 min Scan# 4407

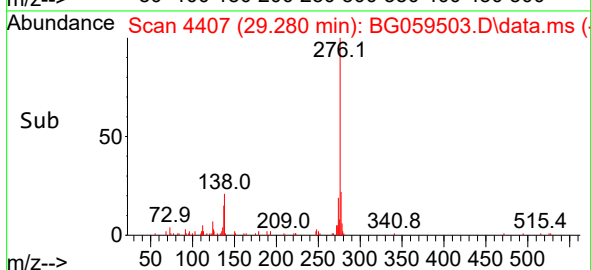
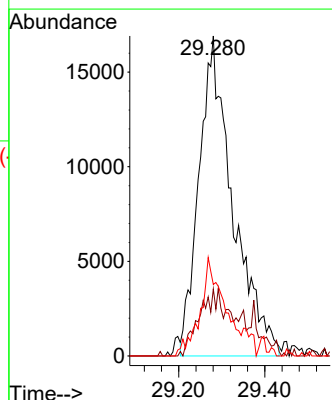
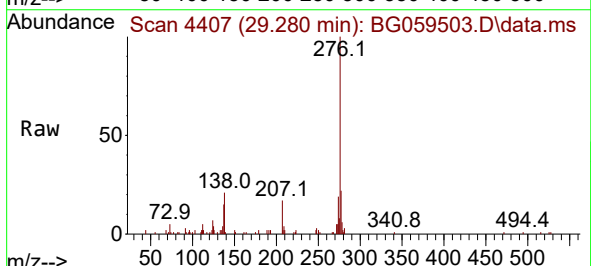
Delta R.T. -0.013 min

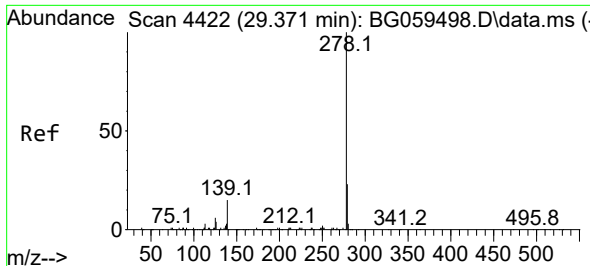
Lab File: BG059503.D

Acq: 20 Oct 2023 15:18

Tgt Ion:276 Resp: 92144

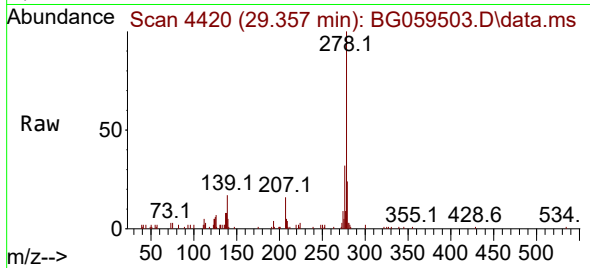
Ion	Ratio	Lower	Upper
276	100		
138	21.0	14.2	21.4
277	22.4	16.1	24.1





#95
Dibenzo(a,h)anthracene
Concen: 3.938 ng/ul m
RT: 29.357 min Scan# 4422
Delta R.T. -0.001 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-06



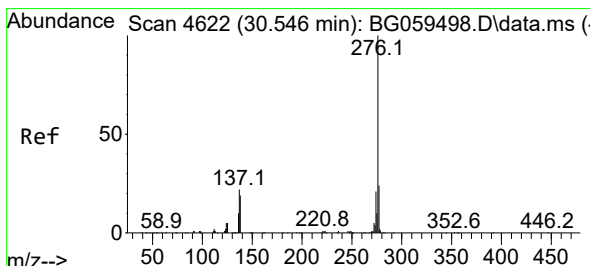
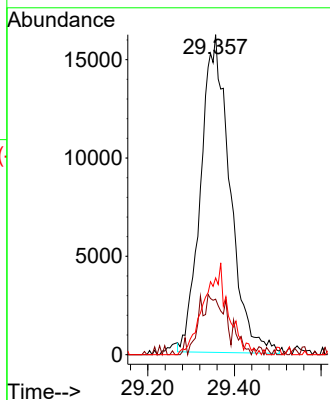
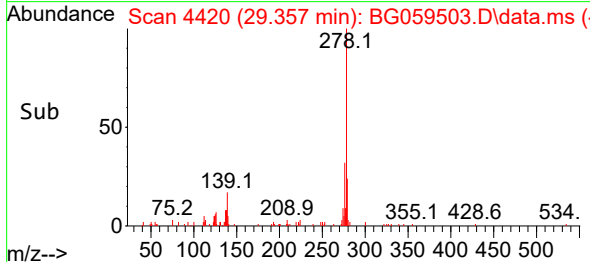
Tgt Ion:278 Resp: 75410
Ion Ratio Lower Upper
278 100
139 17.3 11.3 16.9
279 24.0 19.1 28.7

Manual Integrations
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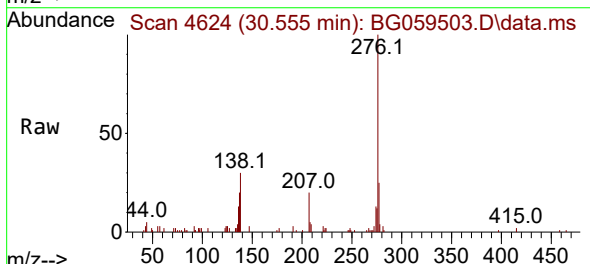
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

10/23/2023



#96
Benzo(g,h,i)perylene
Concen: 3.899 ng/ul m
RT: 30.555 min Scan# 4624
Delta R.T. -0.013 min
Lab File: BG059503.D
Acq: 20 Oct 2023 15:18



Tgt Ion:276 Resp: 77090
Ion Ratio Lower Upper
276 100
138 29.8 19.1 28.7
277 24.9 16.9 25.3

