

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059504.D
 Acq On : 20 Oct 2023 16:02
 Operator : MA/JU
 Sample : 03573-06
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

10/23/2023
 Supervised By :mohammad
 ahmed

Quant Time: Oct 21 00:21:10 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	41419	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	196518	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.828	164	129174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	290232	20.000	ng/ul	0.00
79) Chrysene-d12	21.866	240	276619	20.000	ng/ul	0.00
88) Perylene-d12	25.309	264	307106	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	8283	6.309	ng/uL	0.00
4) Pyridine-d5	3.911	84	138961	30.821	ng/ul	0.00
7) Phenol-d5	7.313	99	113879	27.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	67615	28.581	ng/ul	0.00
11) 2-Chlorophenol-d4	7.707	132	81687	24.778	ng/ul	0.00
15) 4-Methylphenol-d8	8.882	113	84365	23.727	ng/ul	0.00
21) Nitrobenzene-d5	9.387	128	45576	23.765	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	48645	25.769	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.633	165	84139	24.092	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	121421	23.414	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	271023	21.606	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	332070	22.996	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	44402	21.579	ng/ul	0.00
60) Fluorene-d10	15.815	176	260534	24.324	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.926	200	44569	22.833	ng/ul	0.00
73) Anthracene-d10	17.671	188	357949	22.397	ng/ul	0.00
81) Pyrene-d10	19.951	212	443340	24.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.069	264	448427	25.516	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.517	88	1950m	1.305	ng/uL	
5) Pyridine	3.935	79	24131	5.166	ng/ul#	83
6) Benzaldehyde	7.336	77	10827	5.827	ng/ul	99
8) Phenol	7.342	94	18004	4.412	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.607	93	15392	4.369	ng/ul#	91
12) 2-Chlorophenol	7.736	128	13607	4.094	ng/ul	95
13) 2-Methylphenol	8.617	108	11668	3.364	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.700	45	30731	3.915	ng/ul	96
16) Acetophenone	9.029	105	20157	3.755	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.987	70	10825	3.882	ng/ul#	98
18) 4-Methylphenol	8.940	108	14544	3.879	ng/ul#	77
19) Hexachloroethane	9.269	117	4679	3.422	ng/ul#	72
22) Nitrobenzene	9.434	77	15501	3.511	ng/ul	94
23) Isophorone	9.933	82	34736	4.102	ng/ul	98
25) 2-Nitrophenol	10.145	139	8102m	4.078	ng/ul	
26) 2,4-Dimethylphenol	10.163	107	12723	3.371	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.421	93	21614	4.106	ng/ul	92
29) 2,4-Dichlorophenol	10.656	162	13643	3.887	ng/ul#	86
30) Naphthalene	11.079	128	50220	4.067	ng/ul	96
32) 4-Chloroaniline	11.197	127	19260	3.914	ng/ul	97
33) Hexachlorobutadiene	11.308	225	8907	3.956	ng/ul#	80
34) Caprolactam	11.978	113	4211	3.828	ng/ul	81
35) 4-Chloro-3-methylphenol	12.284	107	12571	3.643	ng/ul#	88
36) 2-Methylnaphthalene	12.671	142	31093	3.815	ng/ul	88

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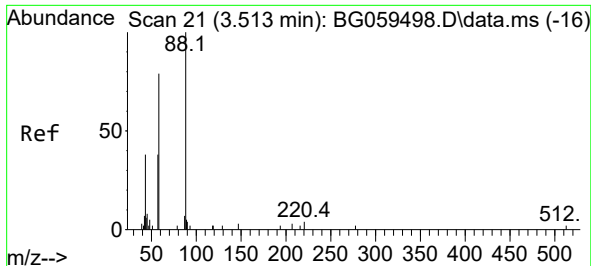
Reviewed By :Yogesh
 Patel

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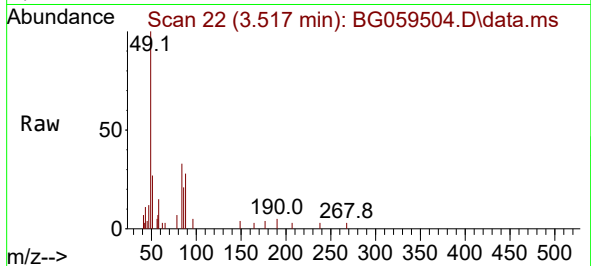
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.883	142	32791	3.947	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.012	216	17109	3.931	ng/ul	91
40) Hexachlorocyclopentadiene	12.965	237	7942	3.274	ng/ul#	78
41) 2,4,6-Trichlorophenol	13.259	196	10414	3.898	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.324	196	10464	3.425	ng/ul#	89
43) 1,1'-Biphenyl	13.664	154	45823	3.786	ng/ul	99
44) 2-Chloronaphthalene	13.717	162	34341	3.609	ng/ul	98
45) 2-Nitroaniline	13.940	65	9420	3.036	ng/ul#	92
47) Dimethylphthalate	14.269	163	44810	3.618	ng/ul#	97
48) 2,6-Dinitrotoluene	14.422	165	6770	2.777	ng/ul#	87
50) Acenaphthylene	14.557	152	56738	3.649	ng/ul	97
51) 3-Nitroaniline	14.751	138	8415	3.581	ng/ul#	98
52) Acenaphthene	14.892	153	36837	3.677	ng/ul	96
53) 2,4-Dinitrophenol	14.957	184	8329	6.735	ng/ul#	85
55) 4-Nitrophenol	15.027	109	4092	2.870	ng/ul#	51
56) Dibenzofuran	15.221	168	53467	3.958	ng/ul	92
57) 2,4-Dinitrotoluene	15.192	165	12428	3.725	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.433	232	10107	3.692	ng/ul#	89
59) Diethylphthalate	15.615	149	43787	3.874	ng/ul	98
61) Fluorene	15.868	166	43805	3.874	ng/ul#	92
62) 4-Chlorophenyl-phenyle...	15.856	204	22566	3.912	ng/ul	98
63) 4-Nitroaniline	15.909	138	8584m	3.772	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.944	198	8217	3.969	ng/ul#	86
67) N-Nitrosodiphenylamine	16.073	169	35354	3.943	ng/ul	95
68) 4-Bromophenyl-phenylether	16.749	248	12547	3.833	ng/ul	89
69) Hexachlorobenzene	16.843	284	15086	4.069	ng/ul	96
70) Atrazine	17.002	200	15222	4.760	ng/ul#	88
71) Pentachlorophenol	17.201	266	13175	6.326	ng/ul#	87
72) Phenanthrene	17.618	178	76604	4.045	ng/ul	99
74) Anthracene	17.712	178	73622	3.776	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.623	216	19359	4.534	ng/uL	90
76) Pentachlorobenzene	15.121	250	19205	4.592	ng/uL	92
77) Carbazole	17.989	167	60539	3.874	ng/ul	97
78) Di-n-butylphthalate	18.494	149	70768	3.710	ng/ul	99
80) Fluoranthene	19.610	202	84953	3.795	ng/ul#	94
82) Pyrene	19.980	202	94655	4.012	ng/ul	96
83) Butylbenzylphthalate	20.832	149	31459	3.842	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.761	252	34740	4.681	ng/ul#	96
85) Benzo(a)anthracene	21.843	228	88955	3.885	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.678	149	44416	3.717	ng/ul#	89
87) Chrysene	21.913	228	84541	3.950	ng/ul	95
89) Di-n-octyl phthalate	22.953	149	72843	3.926	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	91586	4.188	ng/ul	98
91) Benzo(k)fluoranthene	24.264	252	89484m	3.958	ng/ul	
93) Benzo(a)pyrene	25.139	252	88431	4.246	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.275	276	97871m	4.128	ng/ul	
95) Dibenzo(a,h)anthracene	29.346	278	78210m	4.056	ng/ul	
96) Benzo(g,h,i)perylene	30.527	276	80085m	4.022	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.305 ng/uL m
RT: 3.517 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059504.D
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MDL-MED-SOIL-QT3-2023-06



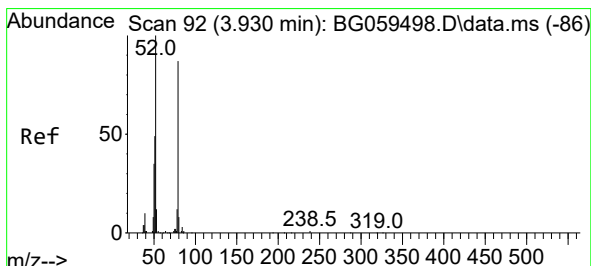
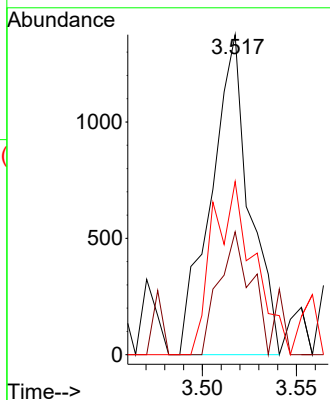
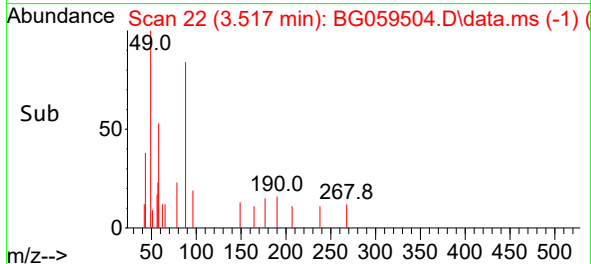
Tgt Ion: 88 Resp: 1950
Ion Ratio Lower Upper
88 100
43 38.4 35.5 53.3
58 54.1 70.4 105.6

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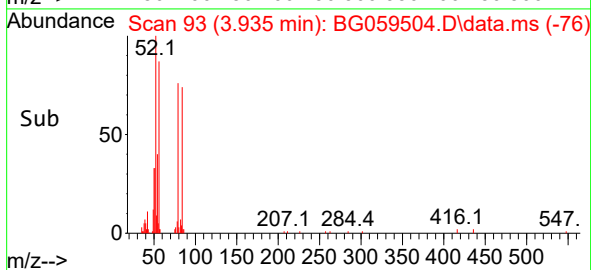
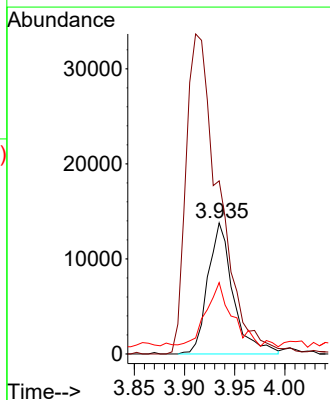
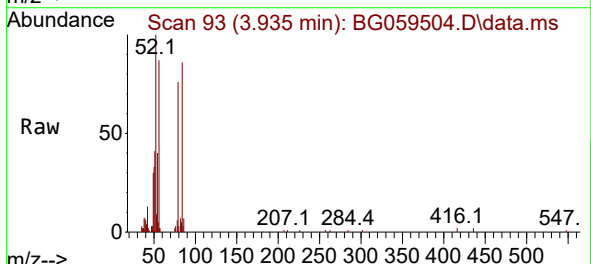
10/23/2023
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ahmed

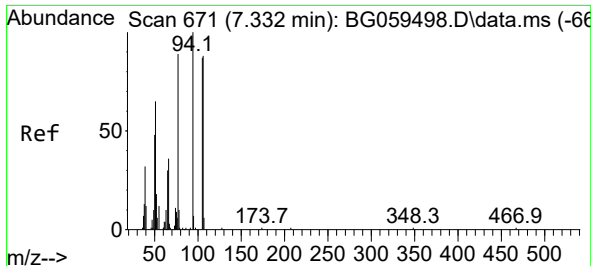
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#5
Pyridine
Concen: 5.166 ng/uL
RT: 3.935 min Scan# 93
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

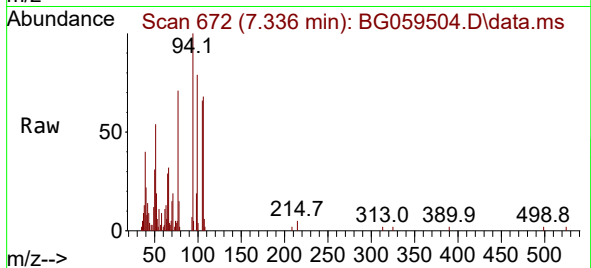
Tgt Ion: 79 Resp: 24131
Ion Ratio Lower Upper
79 100
52 132.1 87.8 131.8#
51 54.5 38.6 58.0





#6
Benzaldehyde
Concen: 5.827 ng/ul
RT: 7.336 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



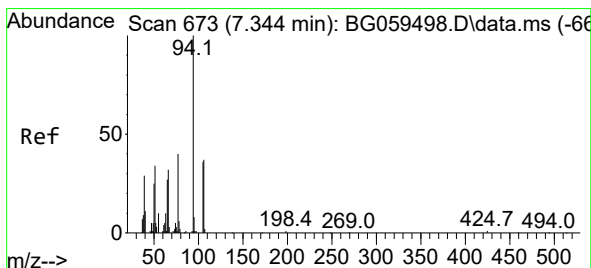
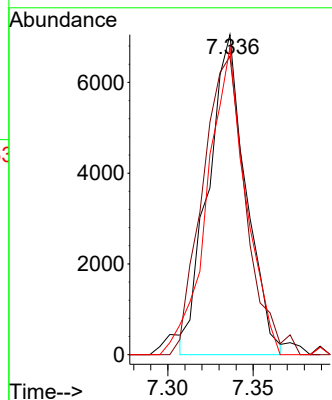
Tgt Ion: 77 Resp: 1082
Ion Ratio Lower Upper
77 100
105 93.3 76.2 114.4
106 96.0 77.3 115.9

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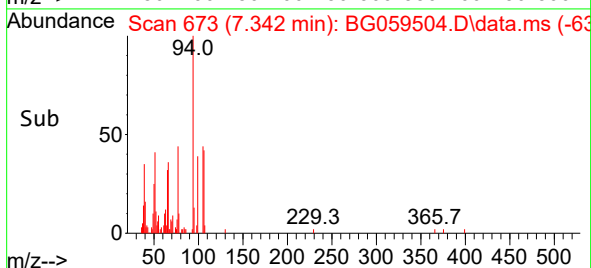
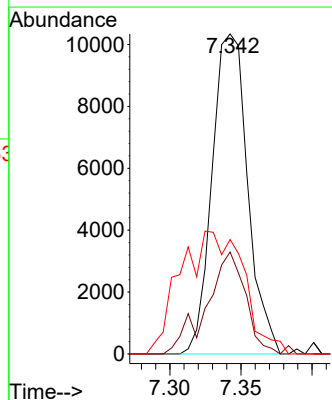
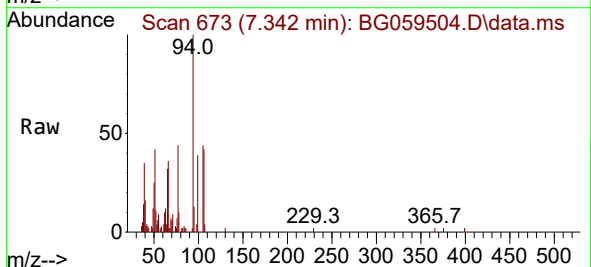
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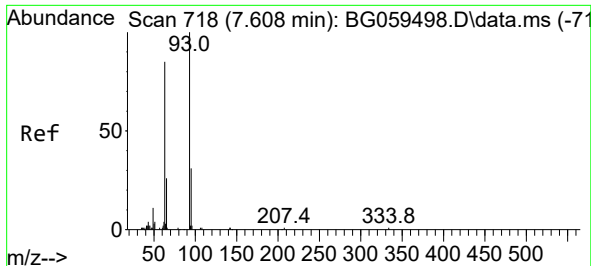
10/23/2023



#8
Phenol
Concen: 4.412 ng/ul
RT: 7.342 min Scan# 673
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

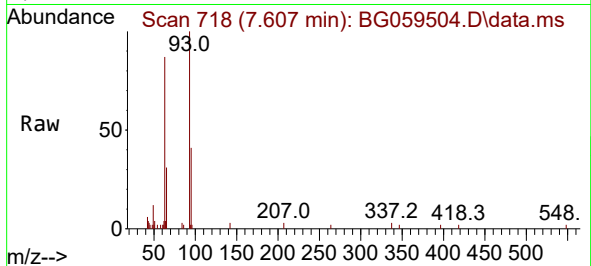
Tgt Ion: 94 Resp: 18004
Ion Ratio Lower Upper
94 100
65 31.8 21.9 32.9
66 35.8 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.369 ng/ul
RT: 7.607 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Instrument :
BNA_G
ClientSampleId :
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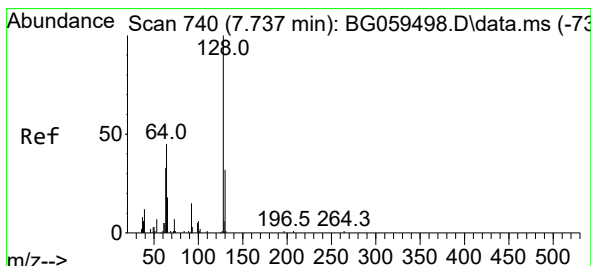
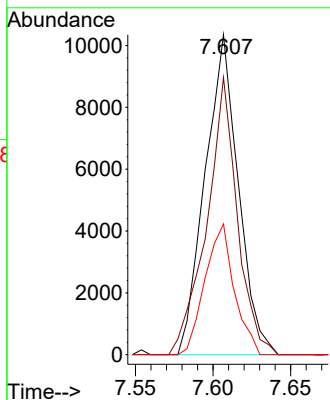
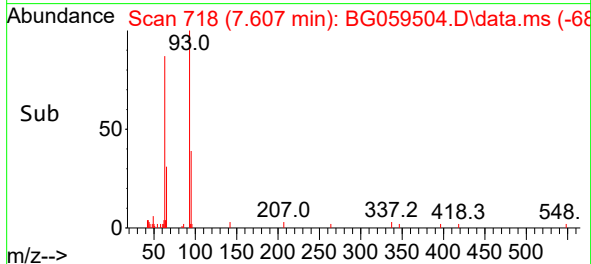
Tgt Ion: 93 Resp: 15392
Ion Ratio Lower Upper
93 100
63 86.6 65.1 97.7
95 40.8 25.6 38.4

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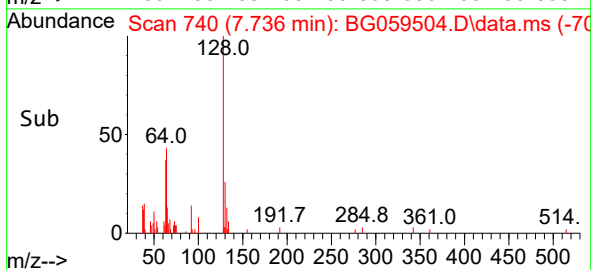
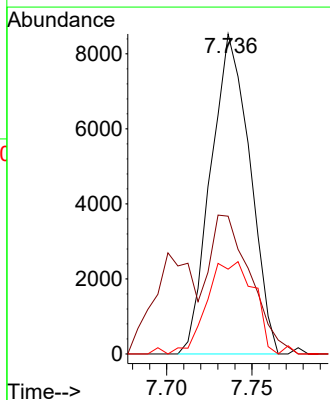
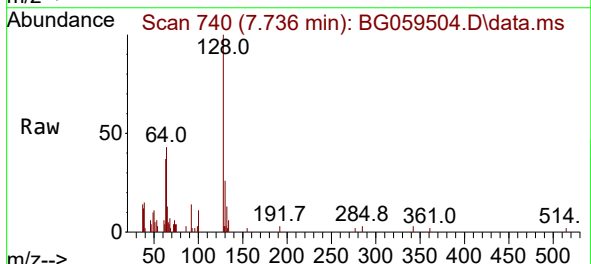
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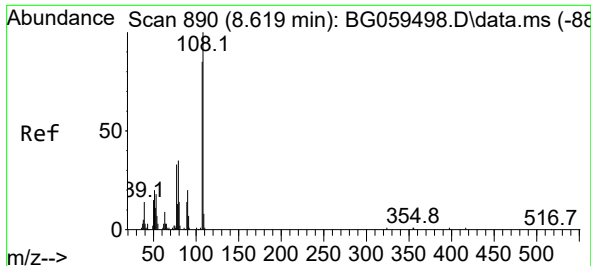
10/23/2023



#12
2-Chlorophenol
Concen: 4.094 ng/ul
RT: 7.736 min Scan# 740
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

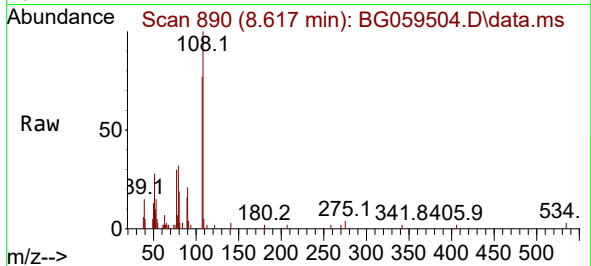
Tgt Ion:128 Resp: 13607
Ion Ratio Lower Upper
128 100
64 43.0 34.3 51.5
130 26.5 25.8 38.8





#13
2-Methylphenol
Concen: 3.364 ng/ul
RT: 8.617 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG059504.D
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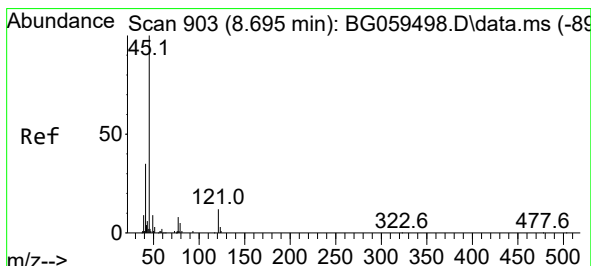
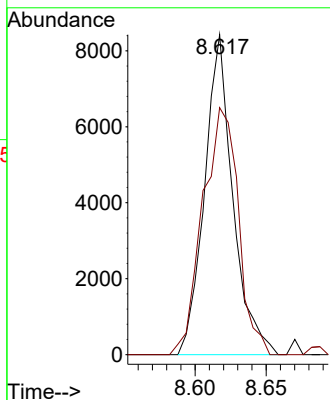
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Ion Ratio Lower Upper
108 100
107 77.2 74.0 111.0

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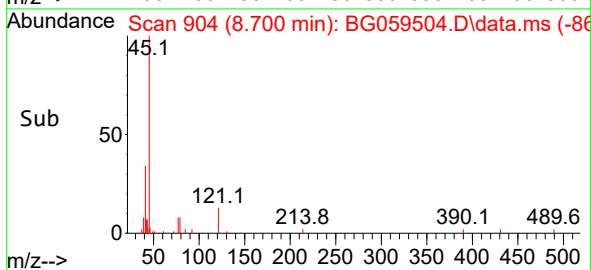
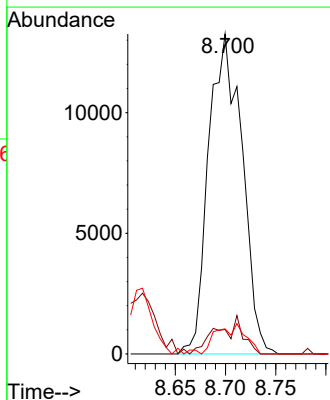
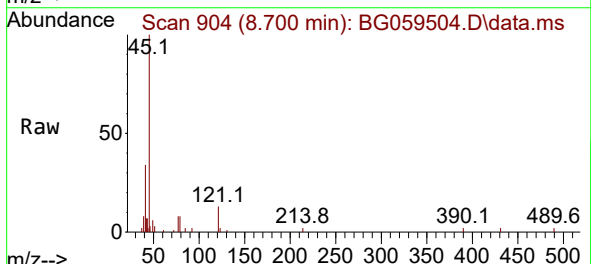
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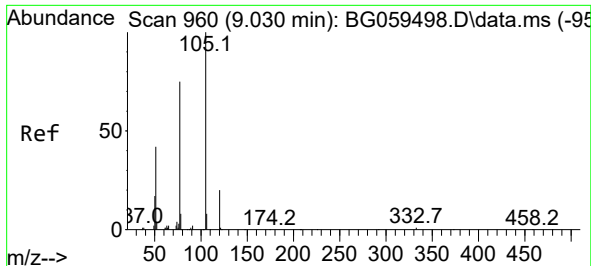
10/23/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.915 ng/ul
RT: 8.700 min Scan# 904
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion: 45 Resp: 30731
Ion Ratio Lower Upper
45 100
77 7.7 7.6 11.4
79 7.9 5.8 8.8





#16
Acetophenone
Concen: 3.755 ng/ul
RT: 9.029 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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

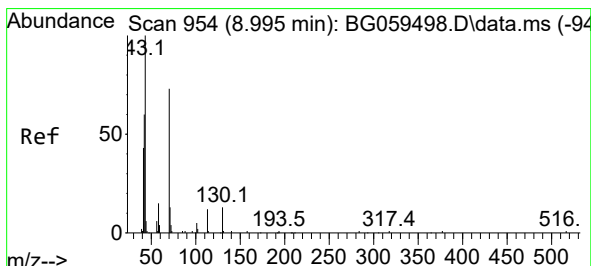
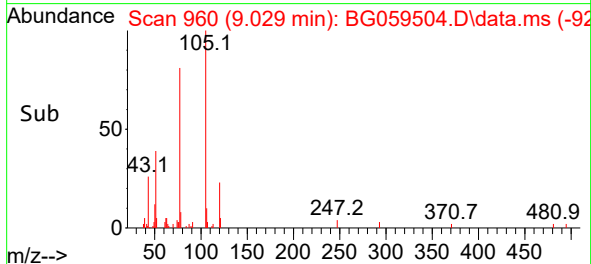
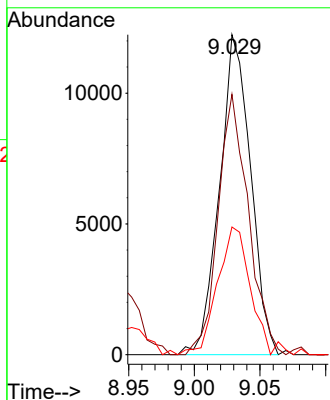
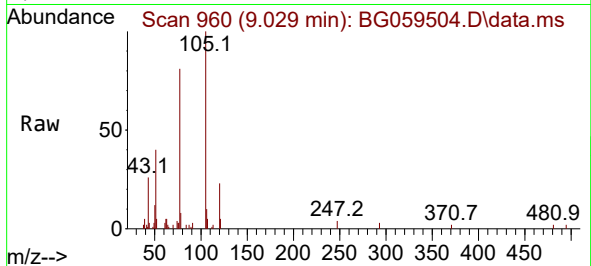
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Ion Ratio Lower Upper
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51 39.9 33.4 50.0

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Patel

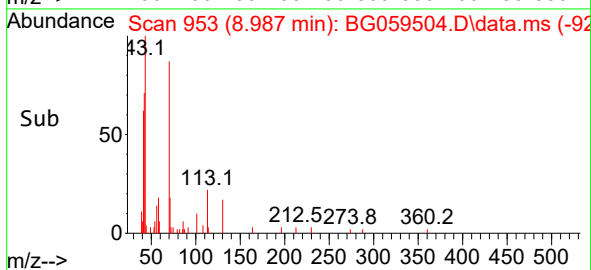
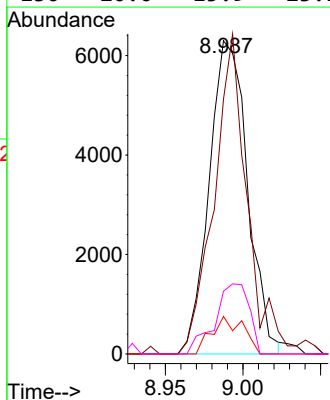
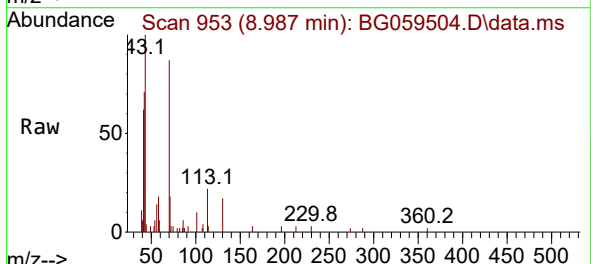
10/23/2023
Supervised By :mohammad
ahmed

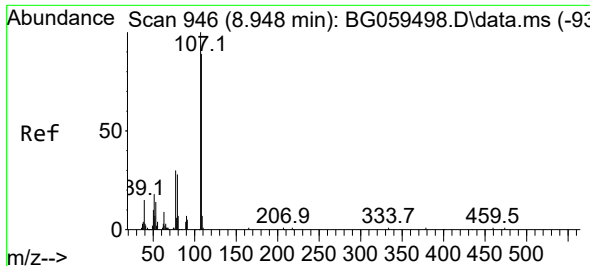
10/23/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.882 ng/ul
RT: 8.987 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

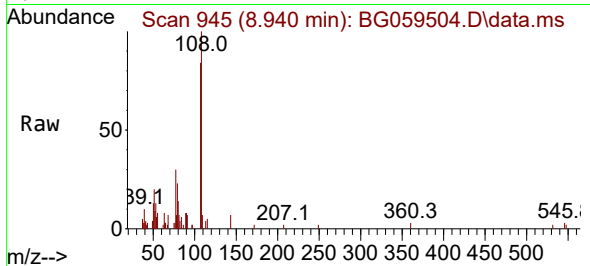
Tgt Ion: 70 Resp: 10825
Ion Ratio Lower Upper
70 100
42 81.3 63.5 95.3
101 12.0 7.3 10.9#
130 20.0 15.9 23.9





#18
4-Methylphenol
Concen: 3.879 ng/ul
RT: 8.940 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



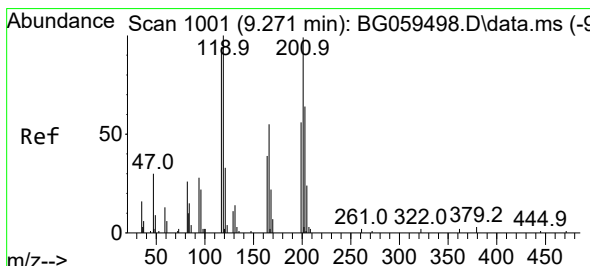
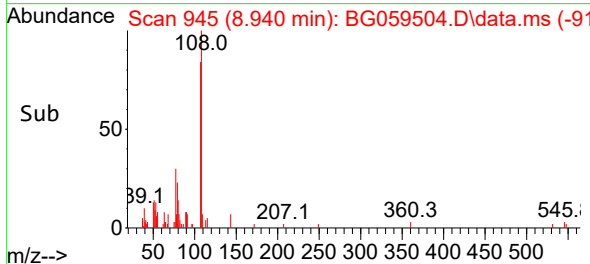
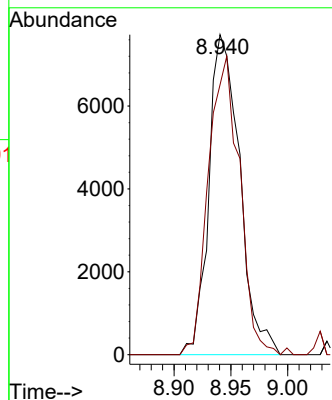
Tgt Ion:108 Resp: 14544
Ion Ratio Lower Upper
108 100
107 84.4 87.1 130.7

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Reviewed By :Yogesh
Patel

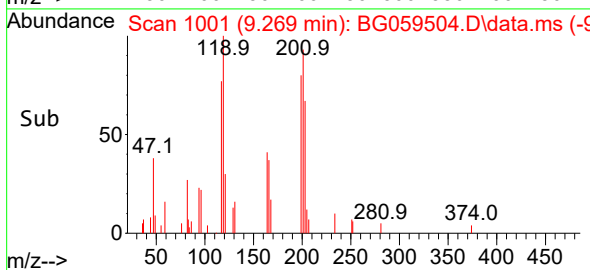
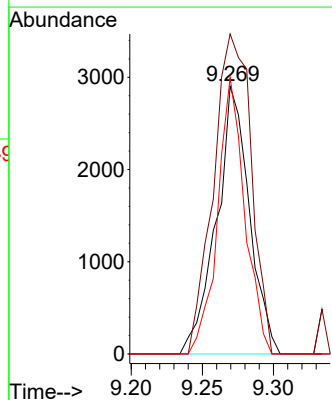
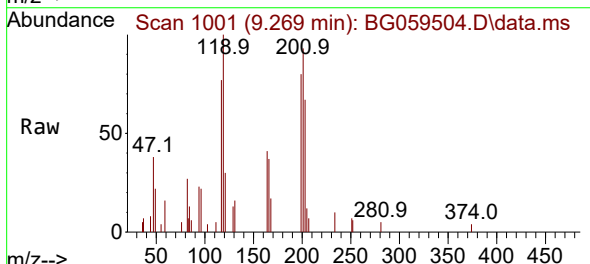
10/23/2023
Supervised By :mohammad
ahmed

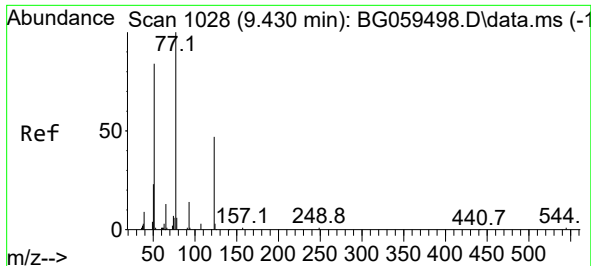
10/23/2023



#19
Hexachloroethane
Concen: 3.422 ng/ul
RT: 9.269 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

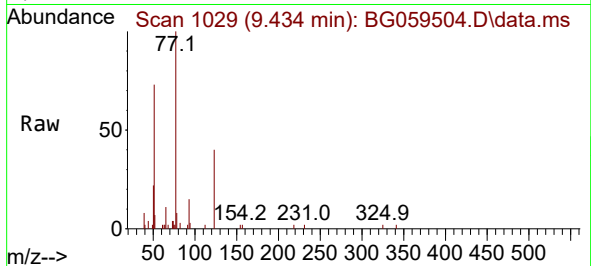
Tgt Ion:117 Resp: 4679
Ion Ratio Lower Upper
117 100
201 119.5 83.0 124.6
199 103.2 51.4 77.2





#22
Nitrobenzene
Concen: 3.511 ng/ul
RT: 9.434 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



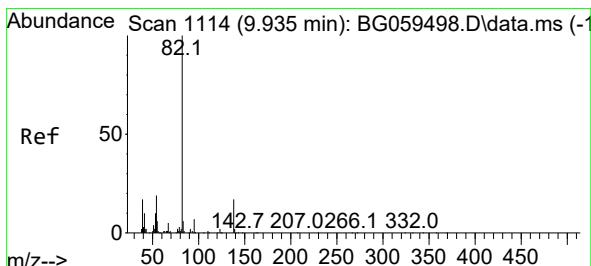
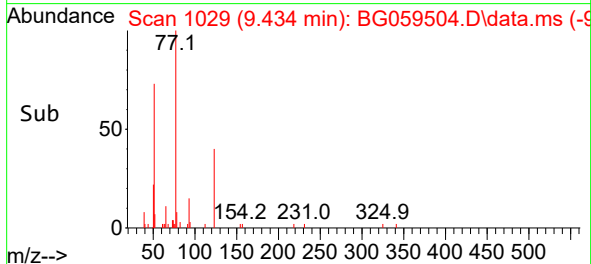
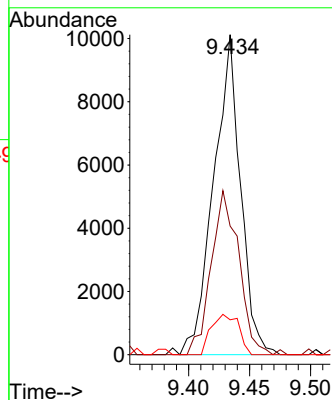
Tgt Ion: 77 Resp: 1550
Ion Ratio Lower Upper
77 100
123 40.2 35.6 53.4
65 10.9 10.2 15.4

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Reviewed By :Yogesh
Patel

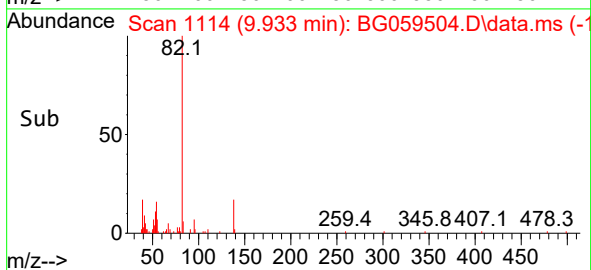
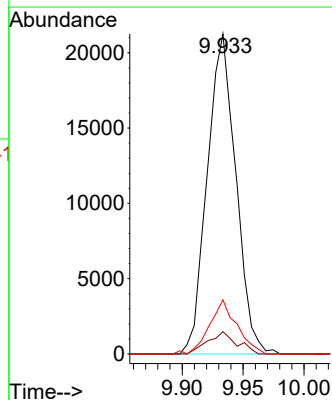
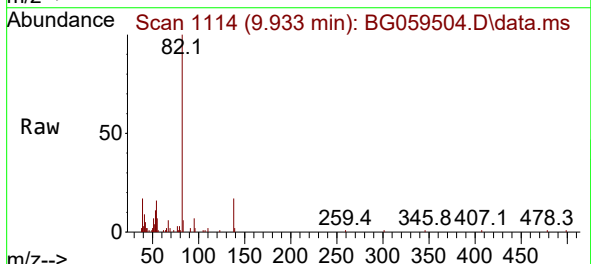
10/23/2023
Supervised By :mohammad
ahmed

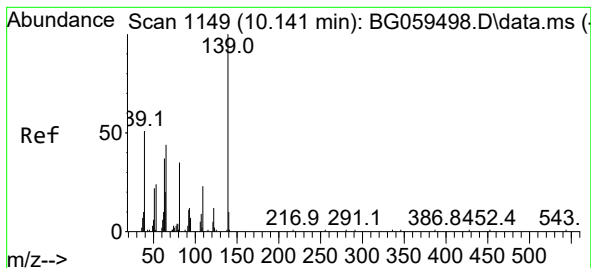
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#23
Isophorone
Concen: 4.102 ng/ul
RT: 9.933 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

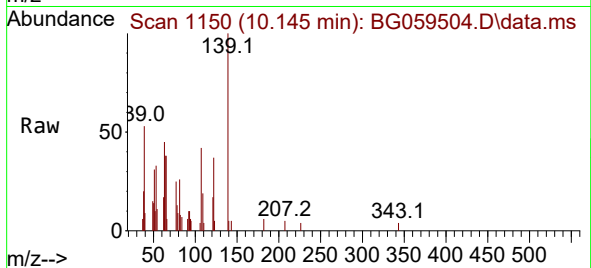
Tgt Ion: 82 Resp: 34736
Ion Ratio Lower Upper
82 100
95 7.0 5.0 7.6
138 16.9 13.0 19.4





#25
2-Nitrophenol
Concen: 4.078 ng/ul m
RT: 10.145 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



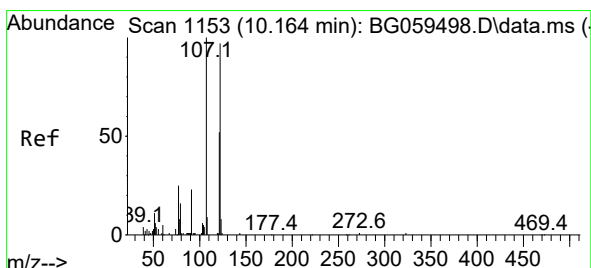
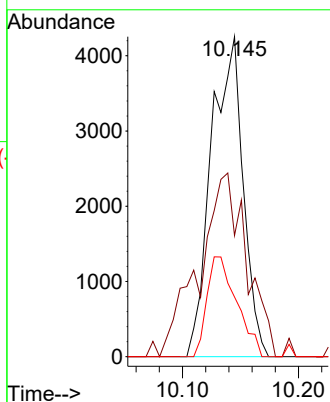
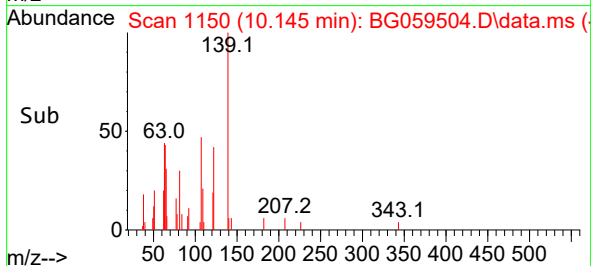
Tgt Ion:139 Resp: 810
Ion Ratio Lower Upper
139 100
65 37.8 39.1 58.7
109 18.6 20.3 30.5

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Reviewed By :Yogesh
Patel

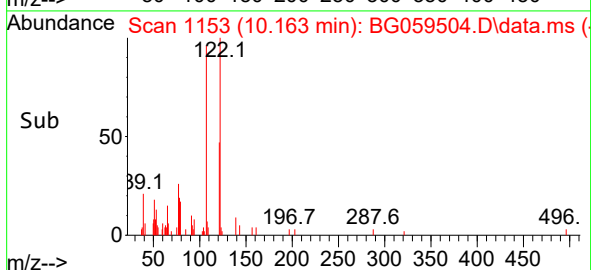
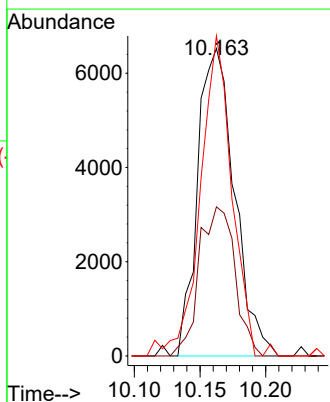
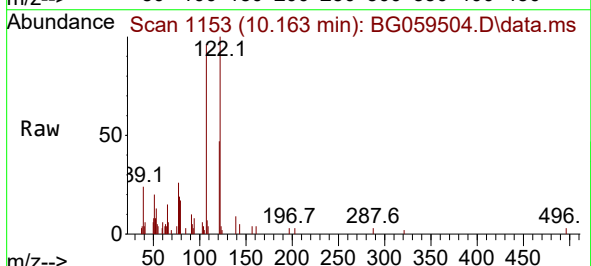
10/23/2023
Supervised By :mohammad
ahmed

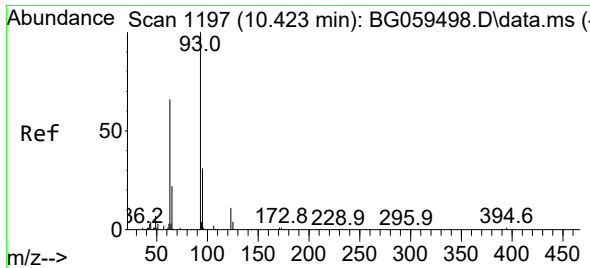
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#26
2,4-Dimethylphenol
Concen: 3.371 ng/ul
RT: 10.163 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion:107 Resp: 12723
Ion Ratio Lower Upper
107 100
121 48.5 40.6 60.8
122 104.1 79.2 118.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.106 ng/ul
RT: 10.421 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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

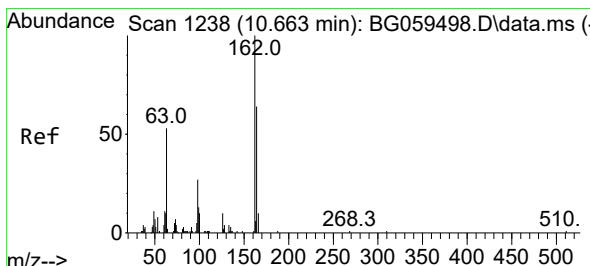
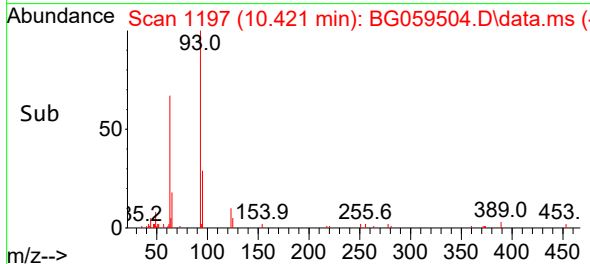
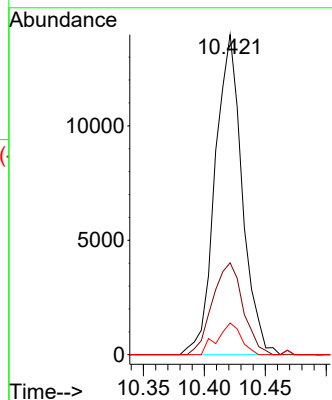
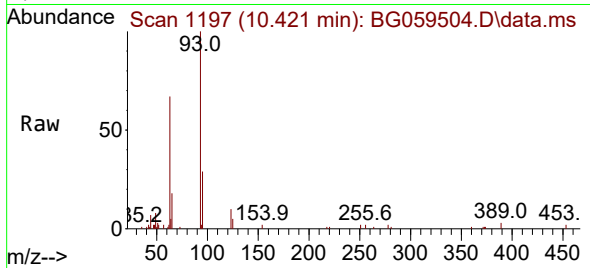
Tgt Ion: 93 Resp: 21614
Ion Ratio Lower Upper
93 100
95 28.7 27.2 40.8
123 9.9 7.4 11.0

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Reviewed By :Yogesh
Patel

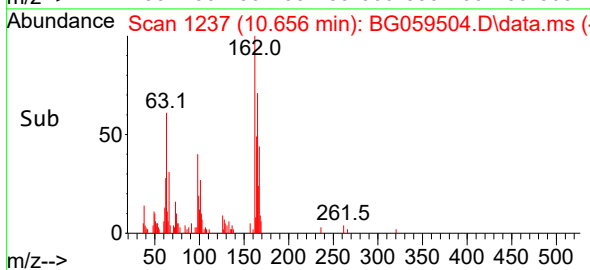
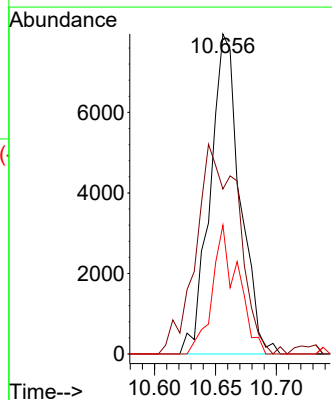
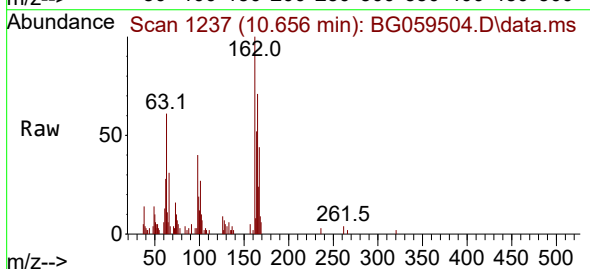
10/23/2023
Supervised By :mohammad
ahmed

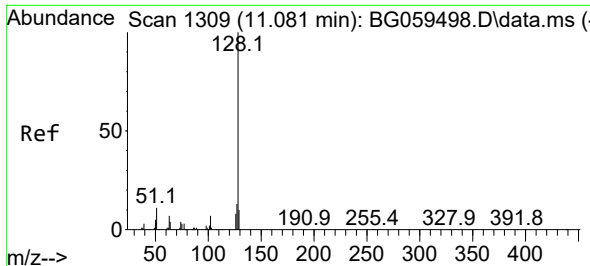
10/23/2023



#29
2,4-Dichlorophenol
Concen: 3.887 ng/ul
RT: 10.656 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

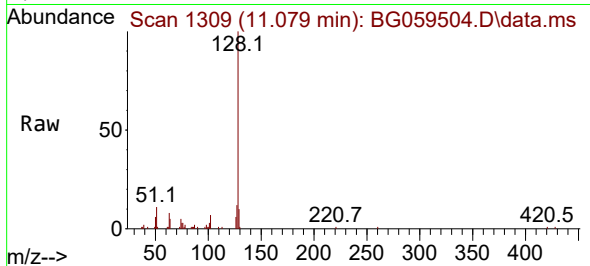
Tgt Ion:162 Resp: 13643
Ion Ratio Lower Upper
162 100
164 51.6 52.4 78.6#
98 40.2 28.6 43.0





#30
Naphthalene
Concen: 4.067 ng/ul
RT: 11.079 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



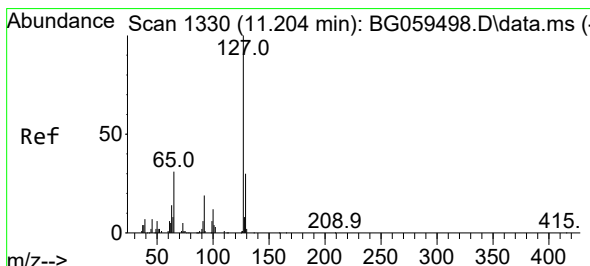
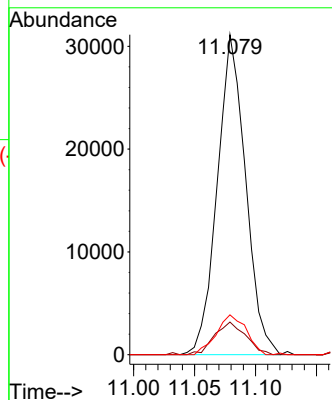
Tgt Ion:128 Resp: 50220
Ion Ratio Lower Upper
128 100
129 10.2 9.6 14.4
127 12.5 11.0 16.6

Manual Integrations
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Reviewed By :Yogesh
Patel

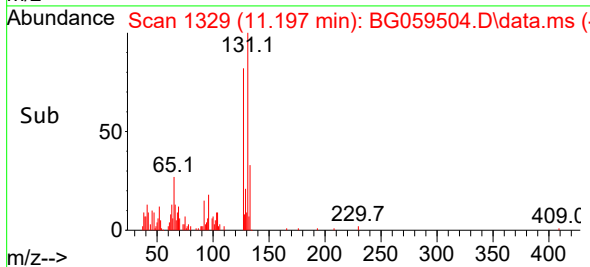
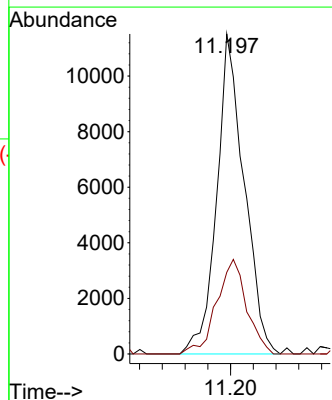
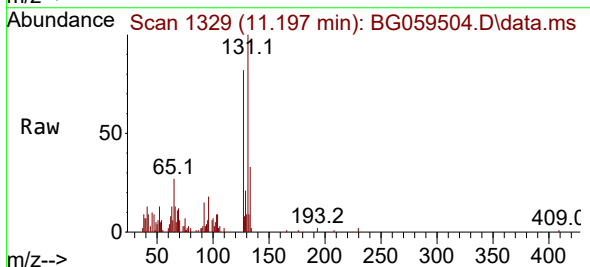
10/23/2023
Supervised By :mohammad
ahmed

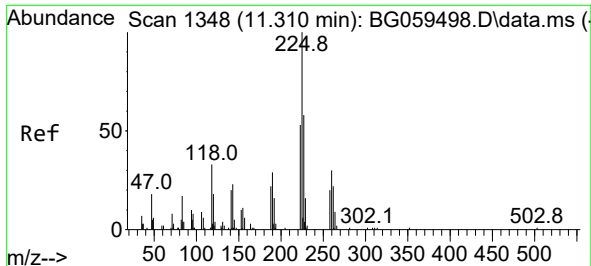
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#32
4-Chloroaniline
Concen: 3.914 ng/ul
RT: 11.197 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

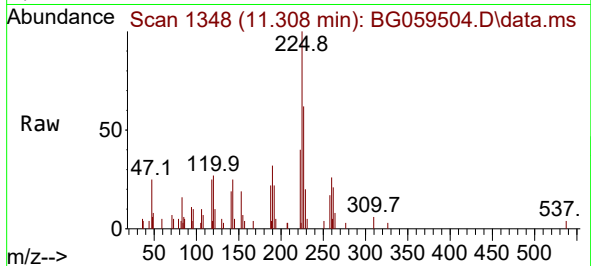
Tgt Ion:127 Resp: 19260
Ion Ratio Lower Upper
127 100
129 25.5 21.5 32.3





#33
Hexachlorobutadiene
Concen: 3.956 ng/ul
RT: 11.308 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



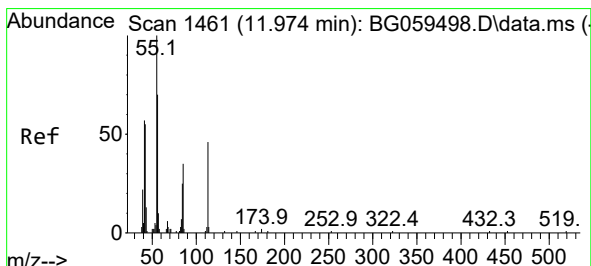
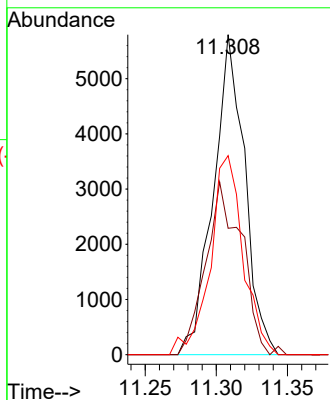
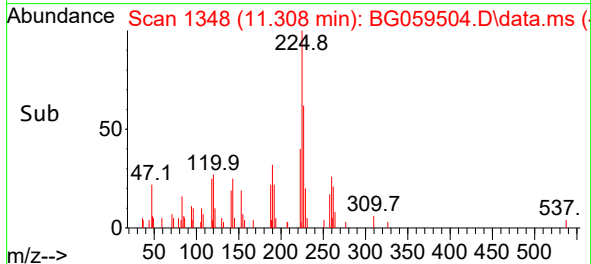
Tgt Ion:225 Resp: 890
Ion Ratio Lower Upper
225 100
223 42.8 57.2 85.8
227 62.2 53.0 79.6

Manual Integrations
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Reviewed By :Yogesh
Patel

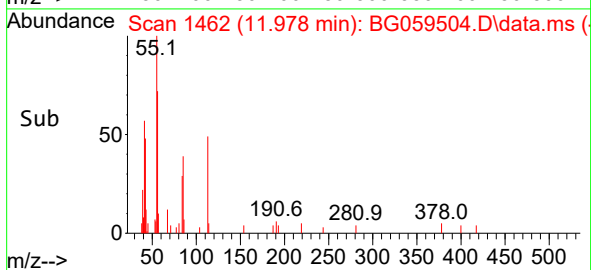
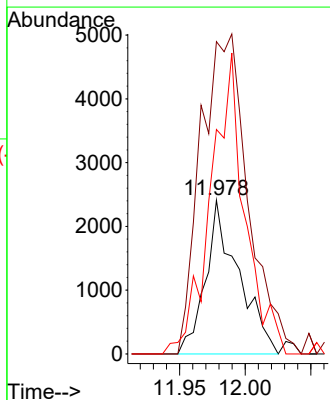
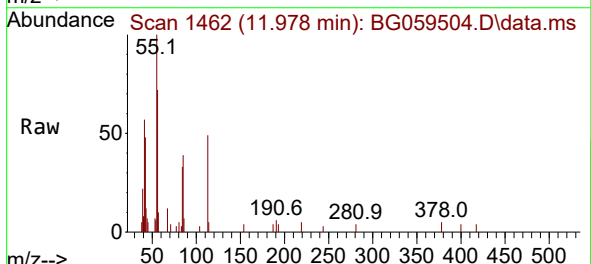
10/23/2023
Supervised By :mohammad
ahmed

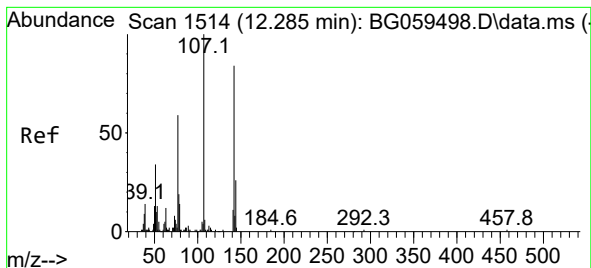
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#34
Caprolactam
Concen: 3.828 ng/ul
RT: 11.978 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

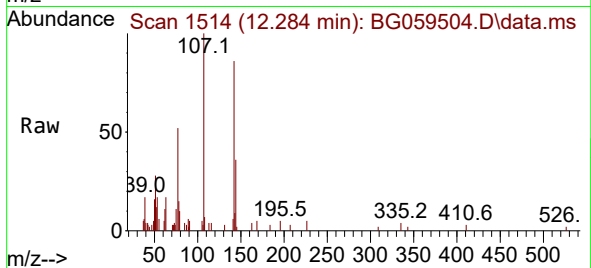
Tgt Ion:113 Resp: 4211
Ion Ratio Lower Upper
113 100
55 203.0 192.5 288.7
56 146.0 132.7 199.1





#35
4-Chloro-3-methylphenol
Concen: 3.643 ng/ul
RT: 12.284 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



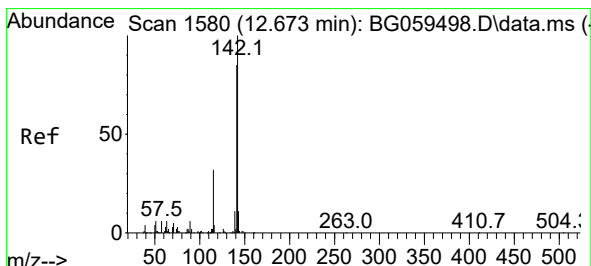
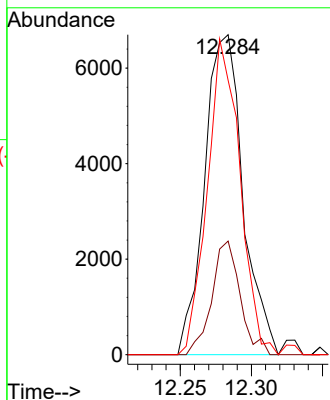
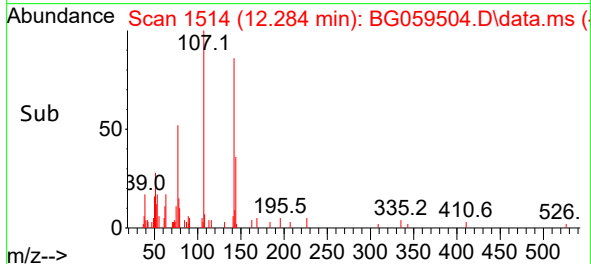
Tgt Ion:107 Resp: 1257
Ion Ratio Lower Upper
107 100
144 35.5 20.6 30.8
142 85.7 62.2 93.2

Manual Integrations
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Reviewed By :Yogesh
Patel

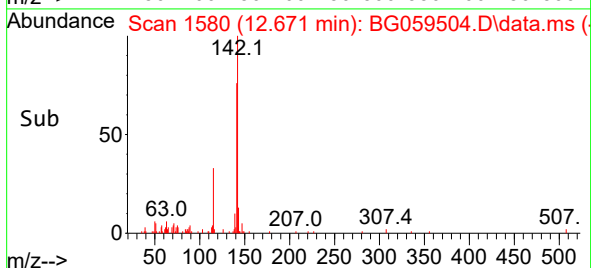
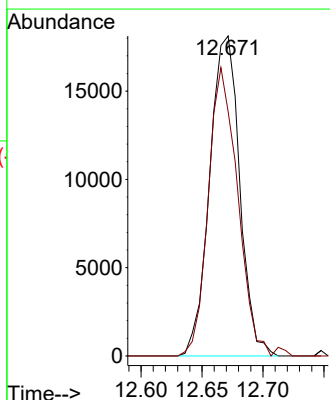
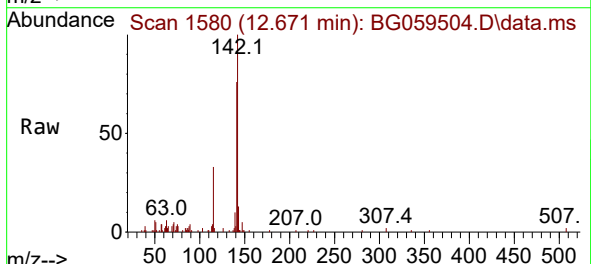
10/23/2023
Supervised By :mohammad
ahmed

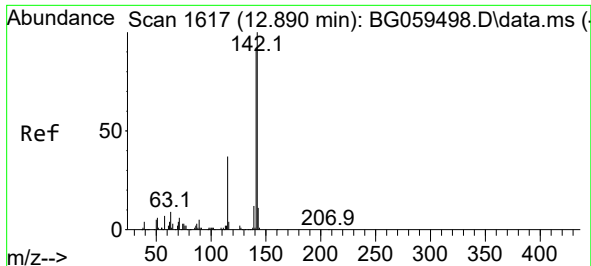
10/23/2023



#36
2-Methylnaphthalene
Concen: 3.815 ng/ul
RT: 12.671 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion:142 Resp: 31093
Ion Ratio Lower Upper
142 100
141 76.4 70.2 105.2





#37

1-Methylnaphthalene

Concen: 3.947 ng/ul

RT: 12.883 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:	142	Resp:	3279
Ion Ratio	Lower	Upper	
142	100		
141	89.2	75.6	113.4
116	2.1	3.0	4.4

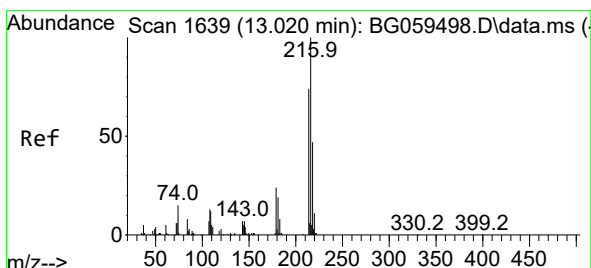
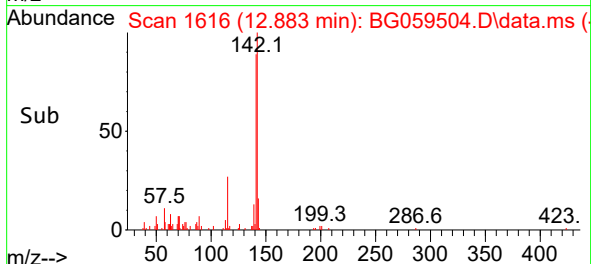
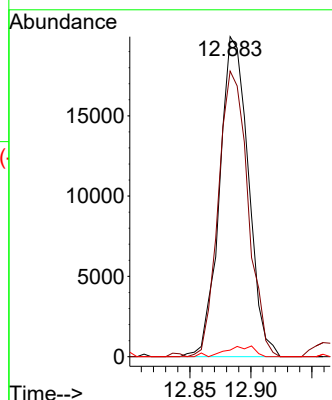
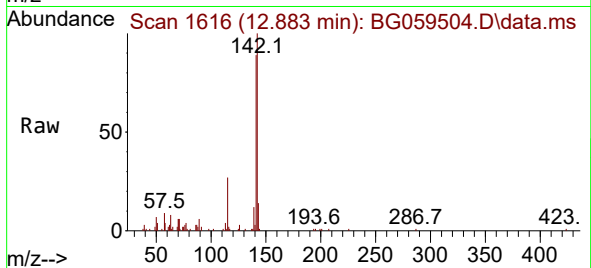
Manual Integrations
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Reviewed By :Yogesh
Patel

10/23/2023

Supervised By :mohammad
ahmed

10/23/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.931 ng/ul

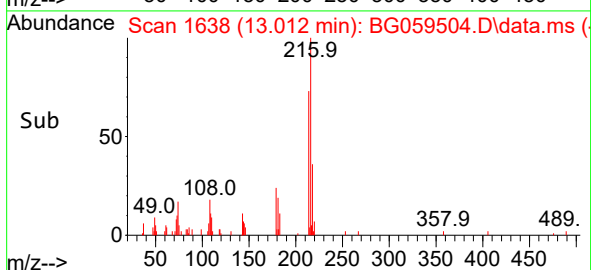
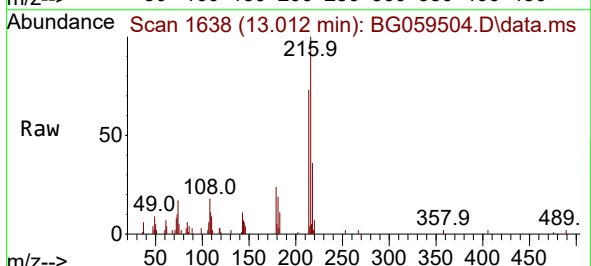
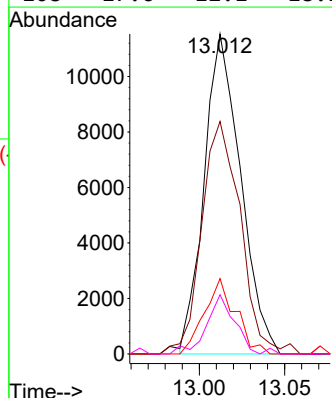
RT: 13.012 min Scan# 1638

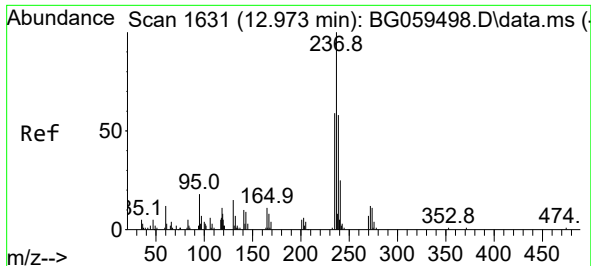
Delta R.T. -0.000 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

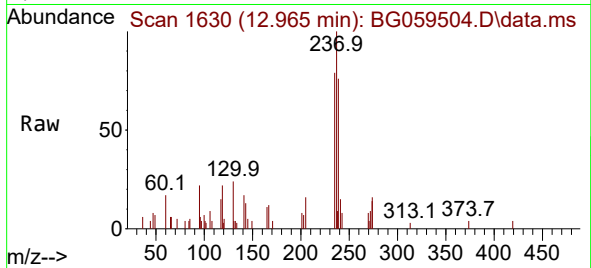
Tgt Ion:	216	Resp:	17109
Ion Ratio	Lower	Upper	
216	100		
214	69.0	63.8	95.8
179	22.4	17.4	26.0
108	17.6	12.1	18.1





#40
Hexachlorocyclopentadiene
Concen: 3.274 ng/ul
RT: 12.965 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



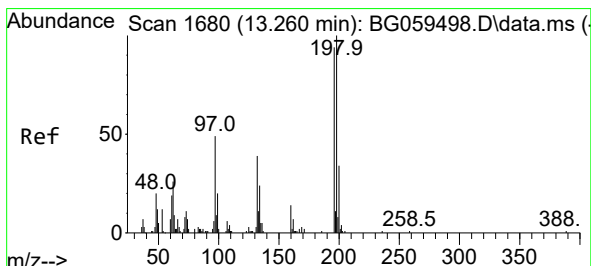
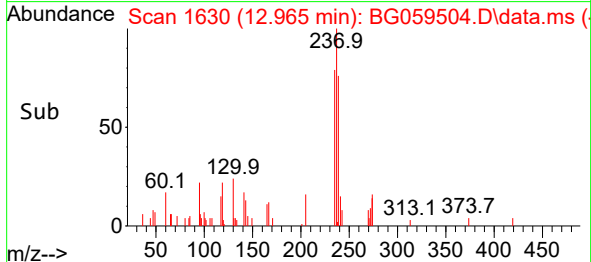
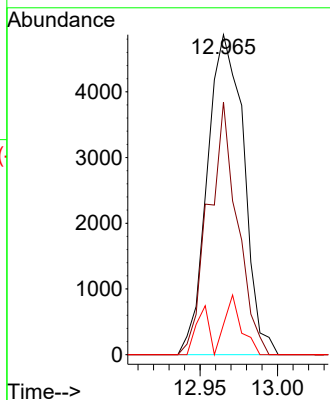
Tgt Ion:237 Resp: 7942
Ion Ratio Lower Upper
237 100
235 79.0 48.5 72.7
272 9.4 10.6 16.0

Manual Integrations
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Reviewed By :Yogesh
Patel

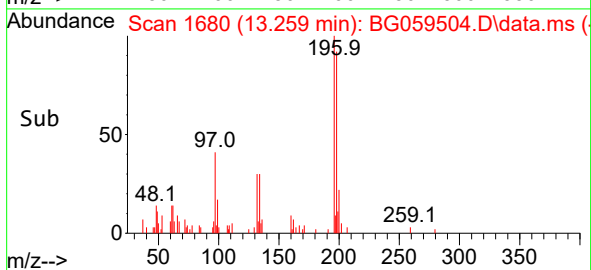
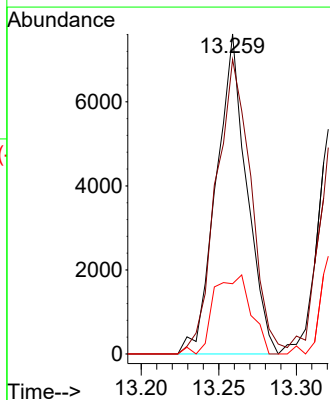
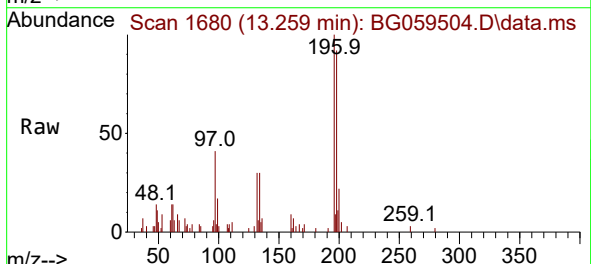
10/23/2023
Supervised By :mohammad
ahmed

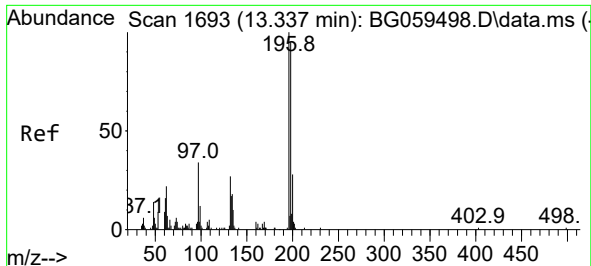
10/23/2023



#41
2,4,6-Trichlorophenol
Concen: 3.898 ng/ul
RT: 13.259 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

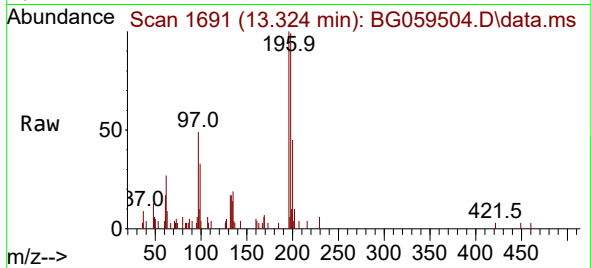
Tgt Ion:196 Resp: 10414
Ion Ratio Lower Upper
196 100
198 92.0 91.1 136.7
200 22.0 31.0 46.6





#42
2,4,5-Trichlorophenol
Concen: 3.425 ng/ul
RT: 13.324 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



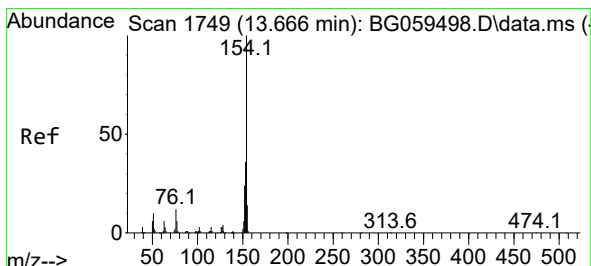
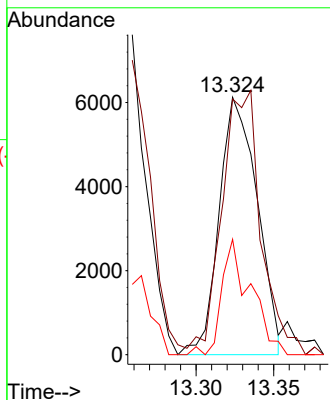
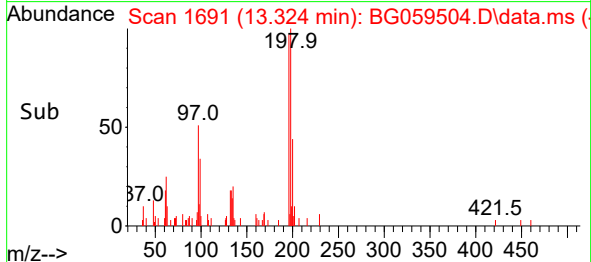
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.9	113.9
200	49.2	26.6	39.8

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Reviewed By :Yogesh
Patel

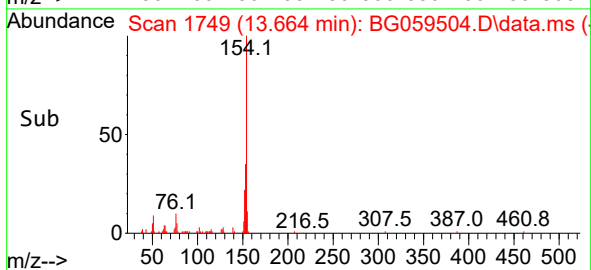
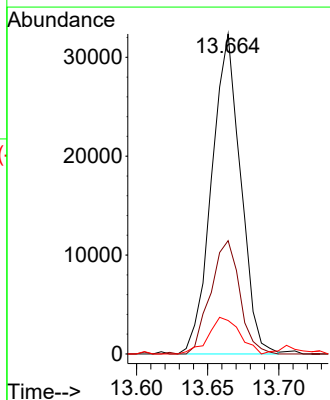
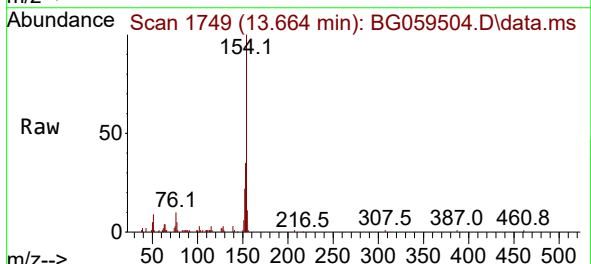
10/23/2023
Supervised By :mohammad
ahmed

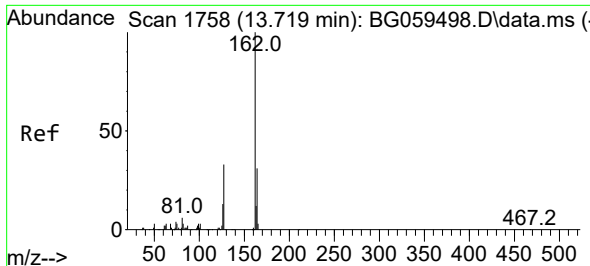
10/23/2023



#43
1,1'-Biphenyl
Concen: 3.786 ng/ul
RT: 13.664 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

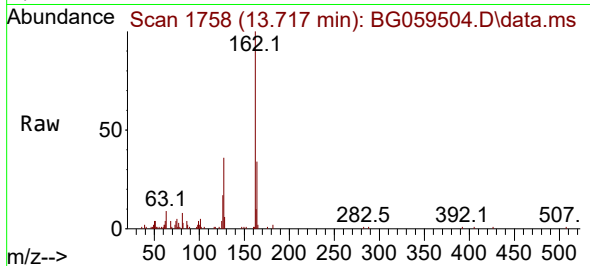
Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.4	28.5	42.7
76	10.5	9.1	13.7





#44
2-Chloronaphthalene
Concen: 3.609 ng/ul
RT: 13.717 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



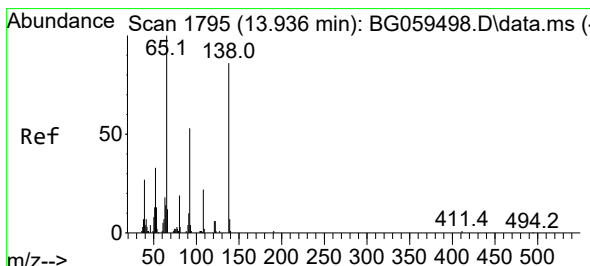
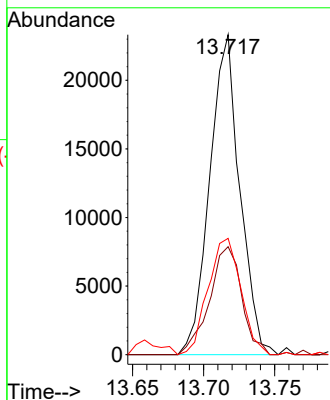
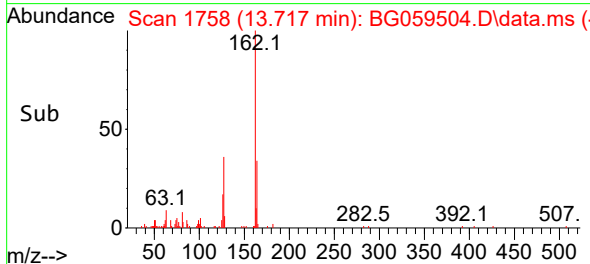
Tgt Ion:162 Resp: 3434
Ion Ratio Lower Upper
162 100
164 33.8 25.5 38.3
127 36.4 28.6 43.0

Manual Integrations
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Reviewed By :Yogesh
Patel

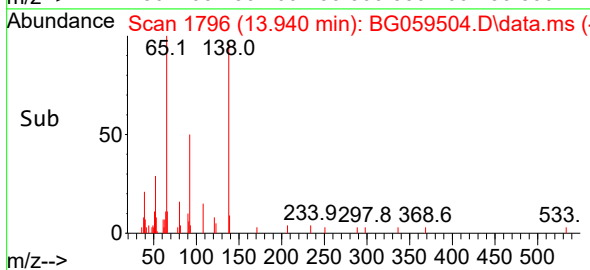
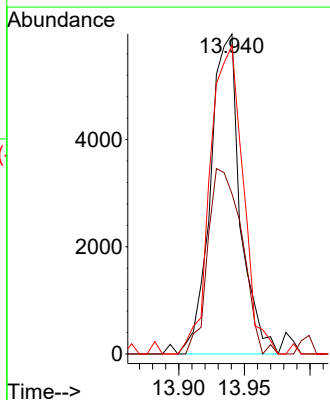
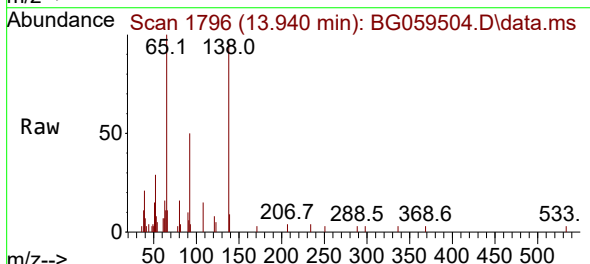
10/23/2023
Supervised By :mohammad
ahmed

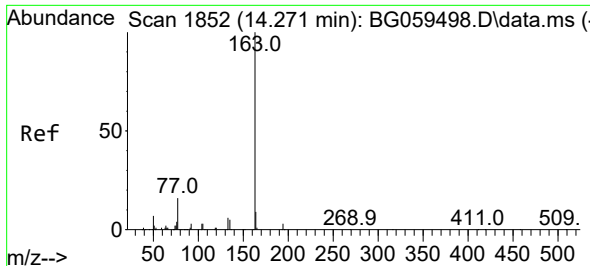
10/23/2023



#45
2-Nitroaniline
Concen: 3.036 ng/ul
RT: 13.940 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

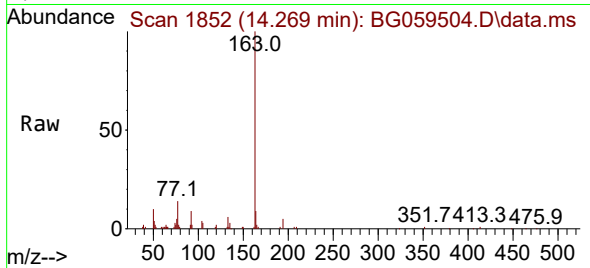
Tgt Ion: 65 Resp: 9420
Ion Ratio Lower Upper
65 100
92 50.0 50.9 76.3#
138 96.3 76.0 114.0





#47
Dimethylphthalate
Concen: 3.618 ng/ul
RT: 14.269 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



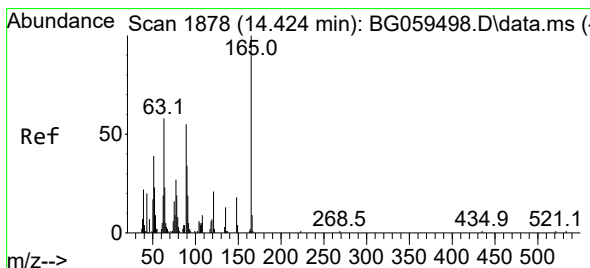
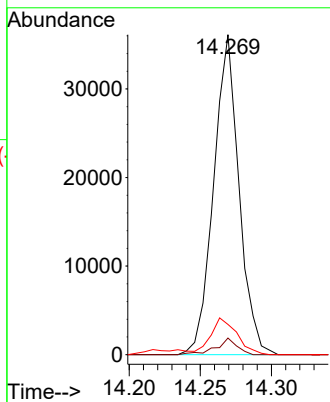
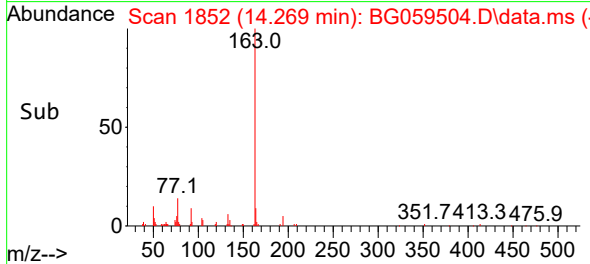
Tgt Ion:163 Resp: 44810
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1
164 9.4 8.1 12.1

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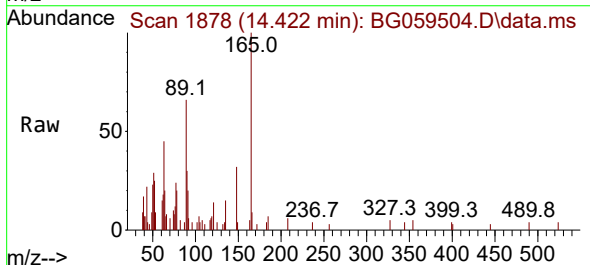
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

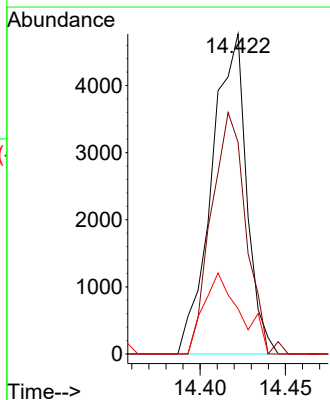
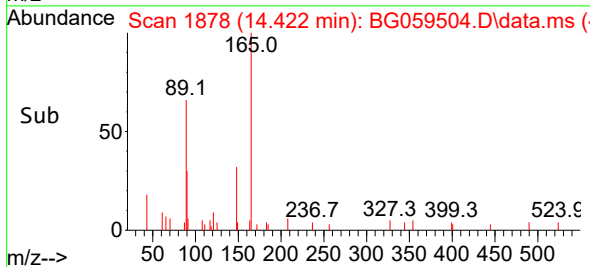
10/23/2023

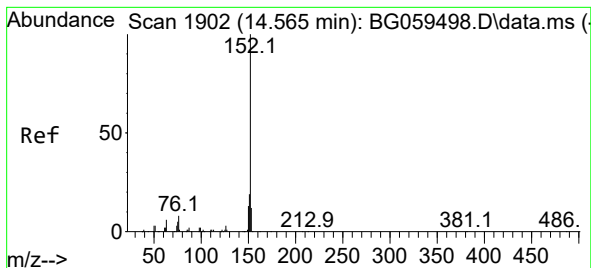


#48
2,6-Dinitrotoluene
Concen: 2.777 ng/ul
RT: 14.422 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02



Tgt Ion:165 Resp: 6770
Ion Ratio Lower Upper
165 100
89 66.2 45.0 67.6
121 14.2 16.2 24.2#





#50

Acenaphthylene

Concen: 3.649 ng/ul

RT: 14.557 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BG059504.D

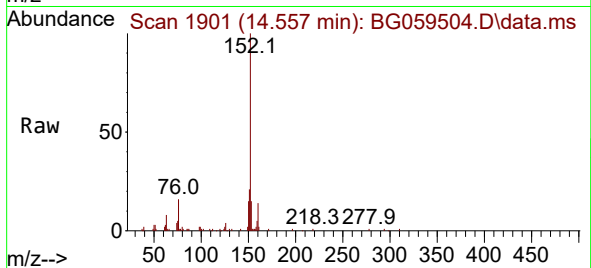
Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06



Tgt Ion:	152	Resp:	56738
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.0	22.4
153	14.6	11.4	17.2

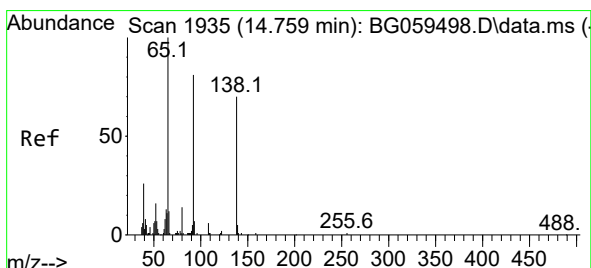
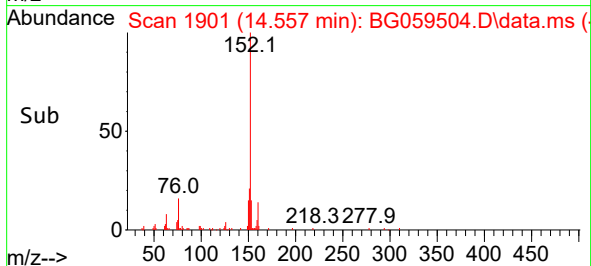
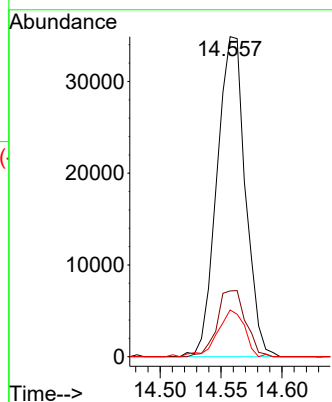
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/23/2023

Supervised By :mohammad
ahmed

10/23/2023



#51

3-Nitroaniline

Concen: 3.581 ng/ul

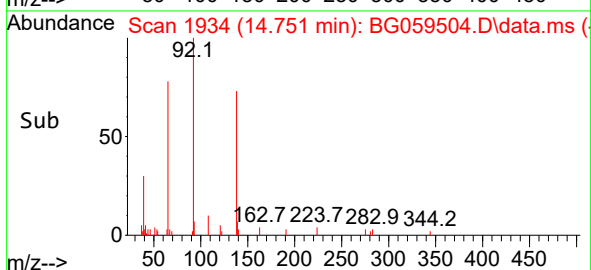
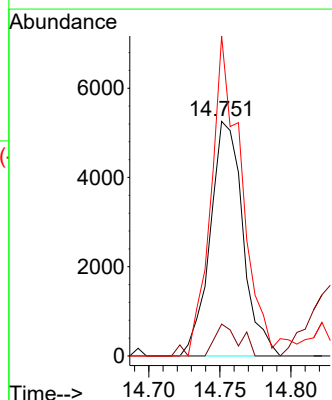
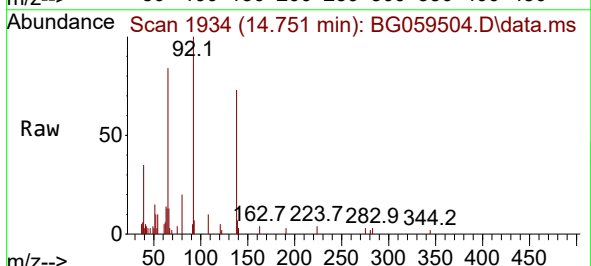
RT: 14.751 min Scan# 1934

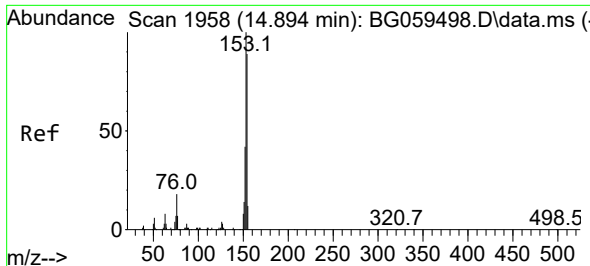
Delta R.T. -0.000 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

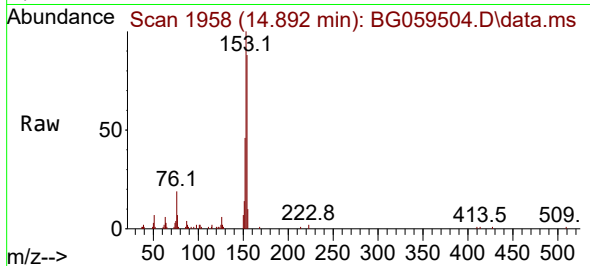
Tgt Ion:	138	Resp:	8415
Ion Ratio	Lower	Upper	
138	100		
108	13.6	6.9	10.3
92	136.4	107.8	161.6





#52
Acenaphthene
Concen: 3.677 ng/ul
RT: 14.892 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



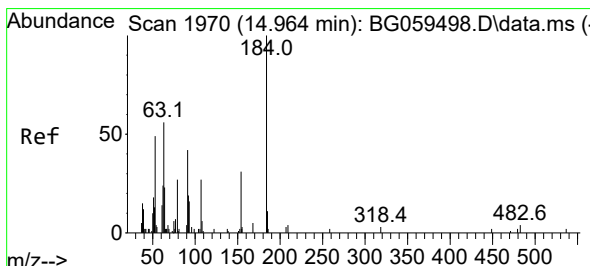
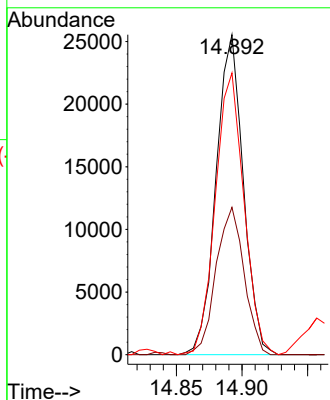
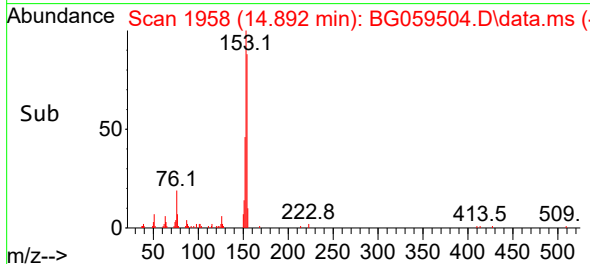
Tgt Ion:153 Resp: 3683
Ion Ratio Lower Upper
153 100
152 46.1 36.0 54.0
154 88.1 74.2 111.4

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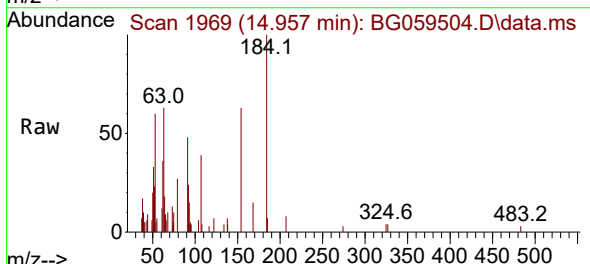
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

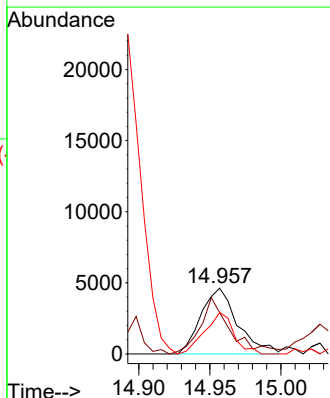
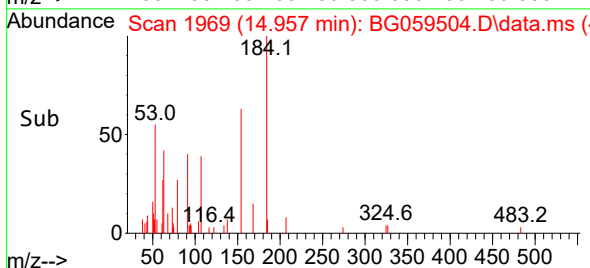
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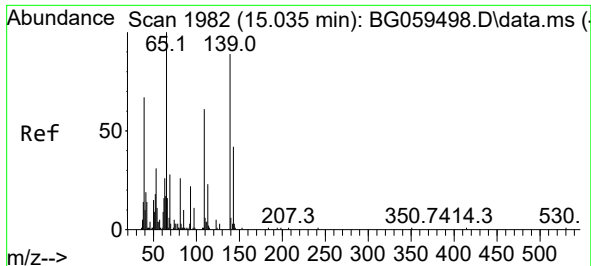


#53
2,4-Dinitrophenol
Concen: 6.735 ng/ul
RT: 14.957 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02



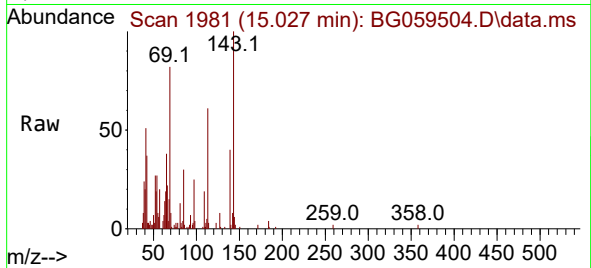
Tgt Ion:184 Resp: 8329
Ion Ratio Lower Upper
184 100
63 62.8 65.8 98.8#
154 63.1 47.5 71.3





#55
4-Nitrophenol
Concen: 2.870 ng/ul
RT: 15.027 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



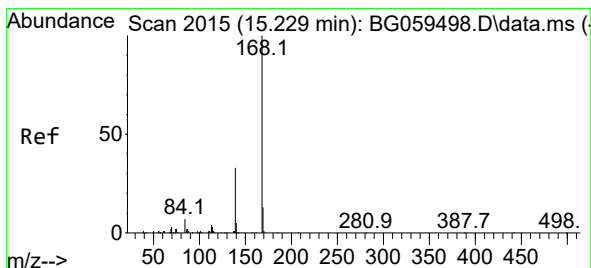
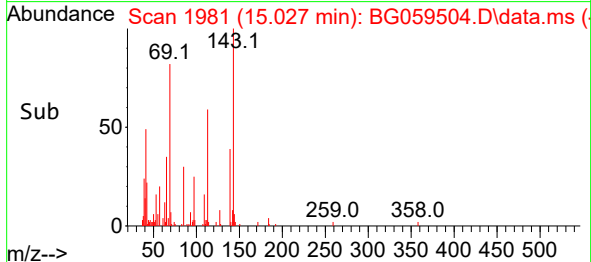
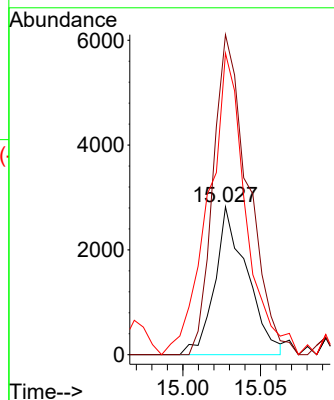
Tgt Ion:109 Resp: 4092
Ion Ratio Lower Upper
109 100
139 216.4 115.1 172.7
65 203.9 121.9 182.9

Manual Integrations
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Reviewed By :Yogesh
Patel

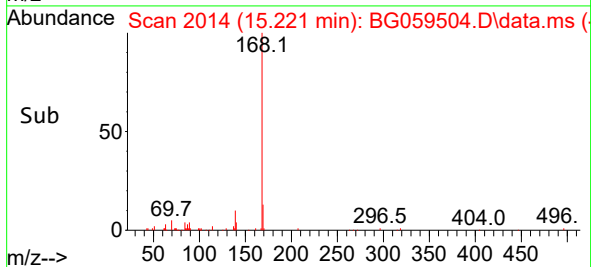
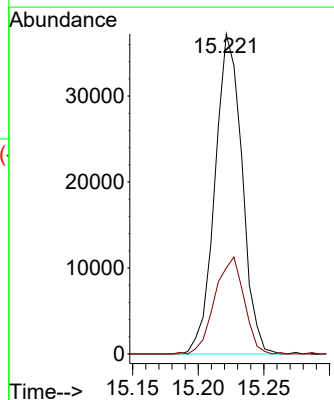
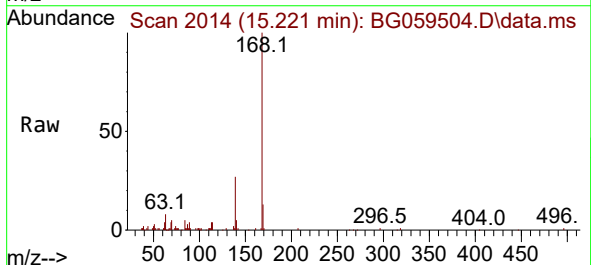
10/23/2023
Supervised By :mohammad
ahmed

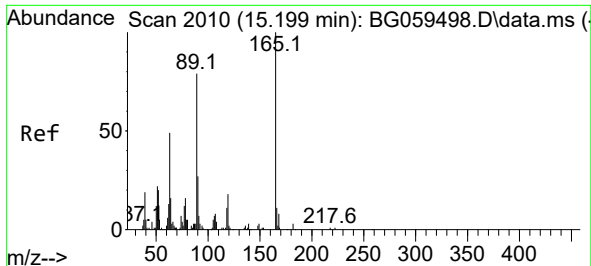
10/23/2023



#56
Dibenzofuran
Concen: 3.958 ng/ul
RT: 15.221 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

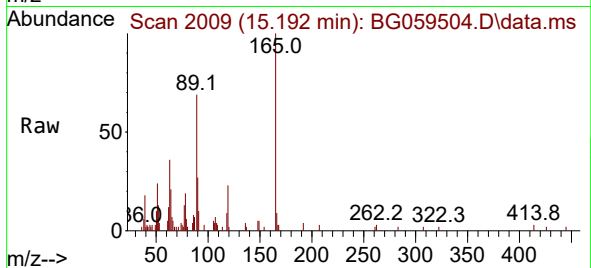
Tgt Ion:168 Resp: 53467
Ion Ratio Lower Upper
168 100
139 26.9 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 3.725 ng/ul
RT: 15.192 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



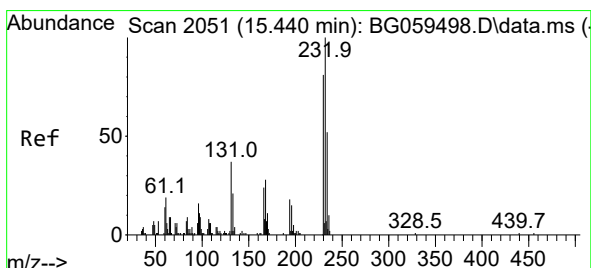
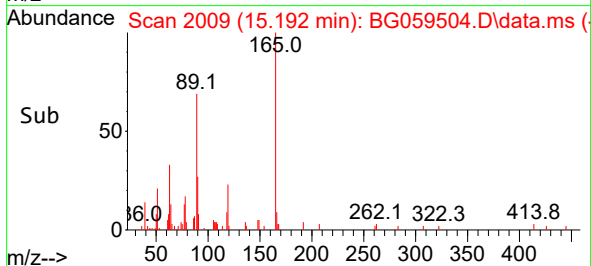
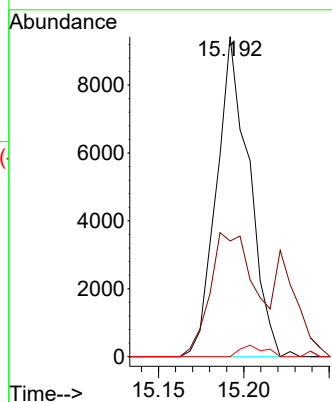
Tgt Ion:165 Resp: 12428
Ion Ratio Lower Upper
165 100
63 36.1 37.5 56.3#
182 0.0 1.8 2.8#

Manual Integrations
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Reviewed By :Yogesh
Patel

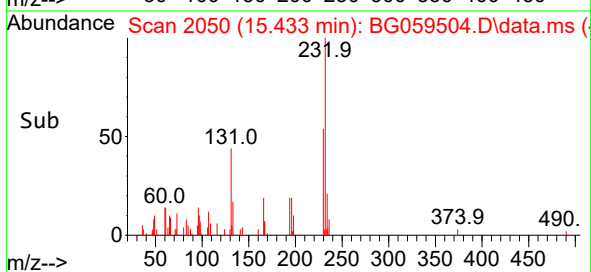
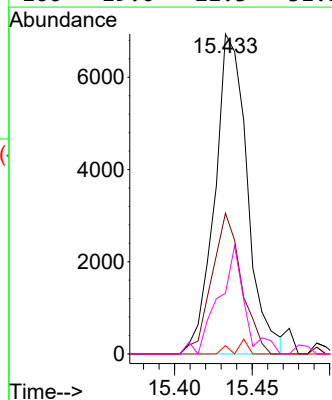
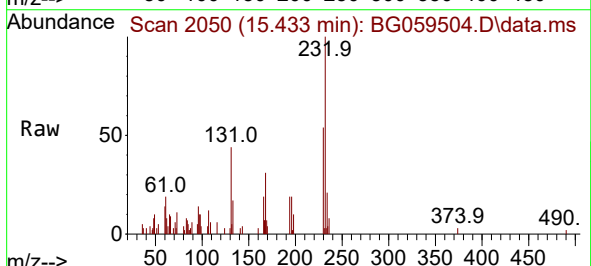
10/23/2023
Supervised By :mohammad
ahmed

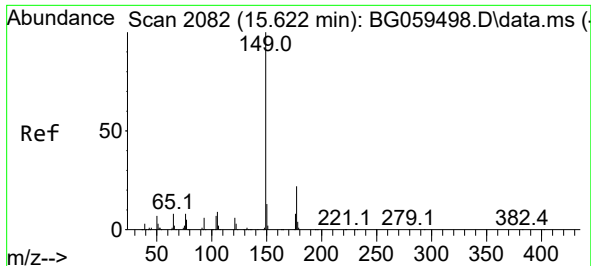
10/23/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.692 ng/ul
RT: 15.433 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

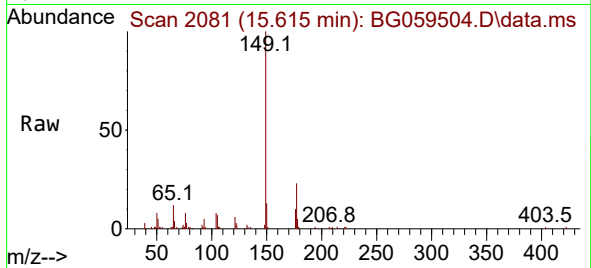
Tgt Ion:232 Resp: 10107
Ion Ratio Lower Upper
232 100
131 44.0 31.0 46.6
130 2.6 1.5 2.3#
166 19.0 21.3 31.9#





#59
Diethylphthalate
Concen: 3.874 ng/ul
RT: 15.615 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



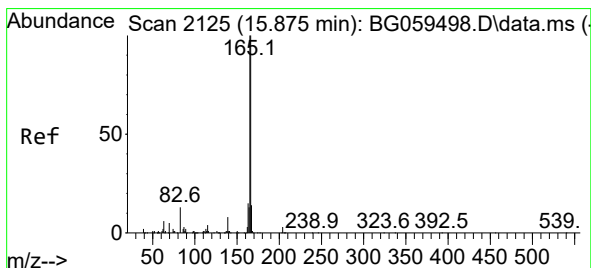
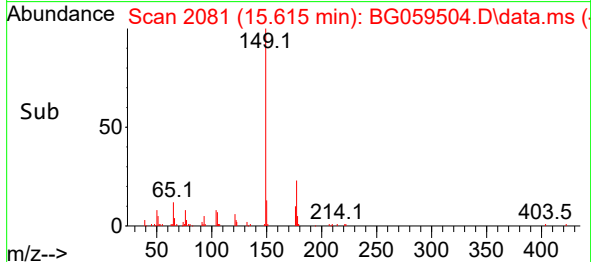
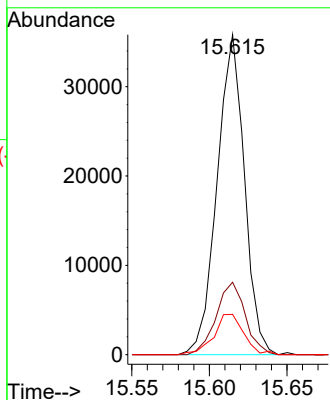
Tgt Ion:149 Resp: 4378
Ion Ratio Lower Upper
149 100
177 22.7 19.1 28.7
150 12.6 10.0 15.0

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Reviewed By :Yogesh
Patel

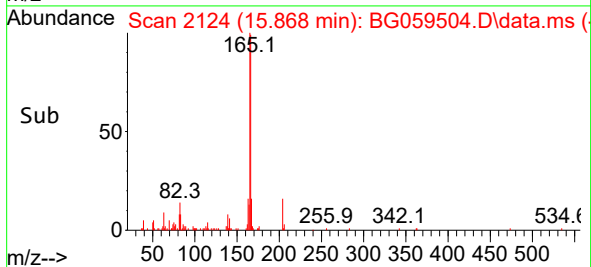
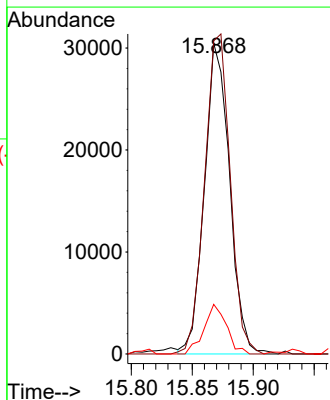
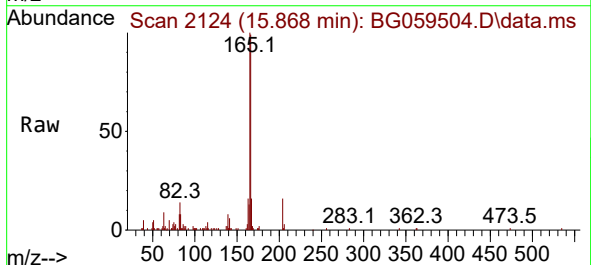
10/23/2023
Supervised By :mohammad
ahmed

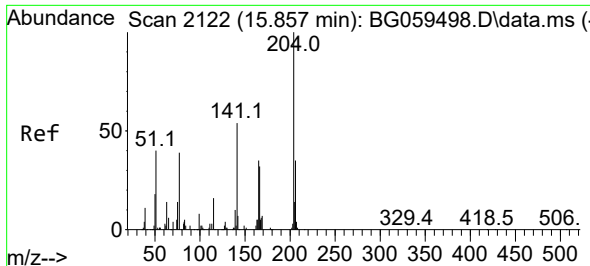
10/23/2023



#61
Fluorene
Concen: 3.874 ng/ul
RT: 15.868 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

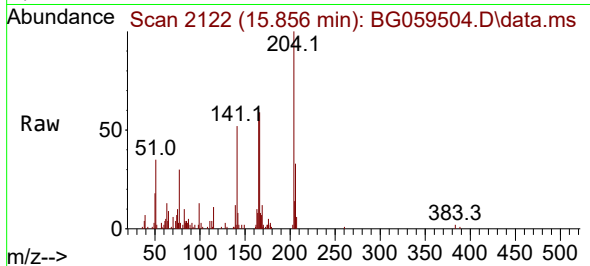
Tgt Ion:166 Resp: 43805
Ion Ratio Lower Upper
166 100
165 100.8 74.8 112.2
167 16.0 9.0 13.6#





#62
4-Chlorophenyl-phenylether
Concen: 3.912 ng/ul
RT: 15.856 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



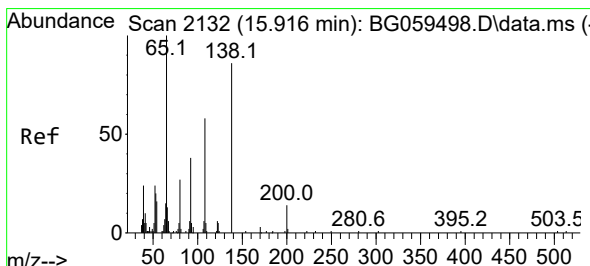
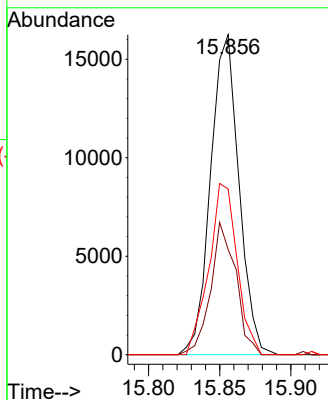
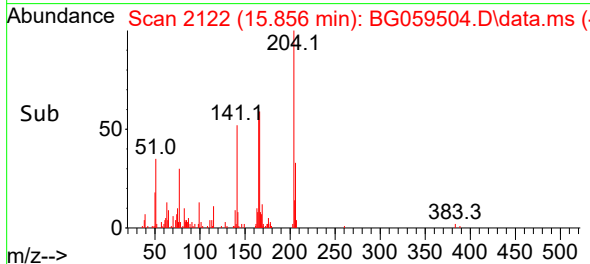
Tgt Ion:204 Resp: 22560
Ion Ratio Lower Upper
204 100
206 32.9 25.0 37.6
141 51.8 42.7 64.1

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Reviewed By :Yogesh
Patel

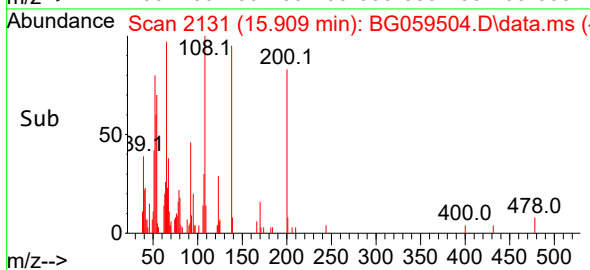
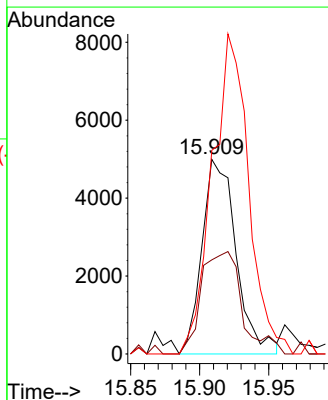
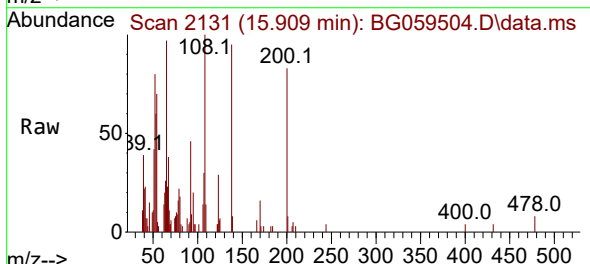
10/23/2023
Supervised By :mohammad
ahmed

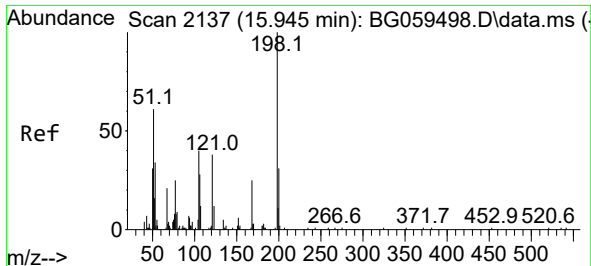
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#63
4-Nitroaniline
Concen: 3.772 ng/ul m
RT: 15.909 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

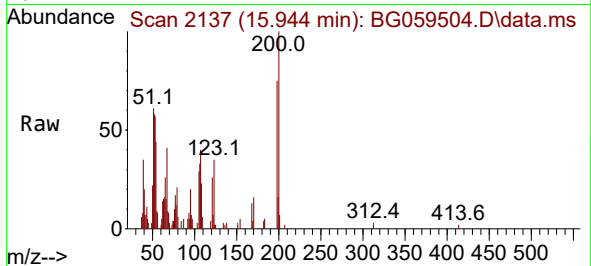
Tgt Ion:138 Resp: 8584
Ion Ratio Lower Upper
138 100
92 48.4 42.5 63.7
108 104.7 54.6 81.8#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.969 ng/ul
RT: 15.944 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



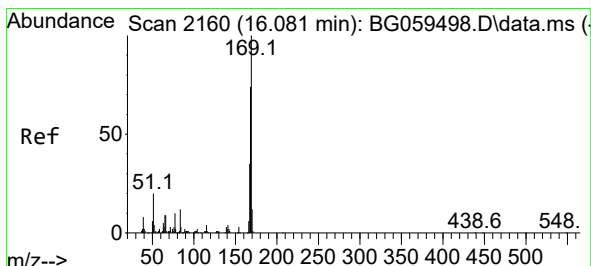
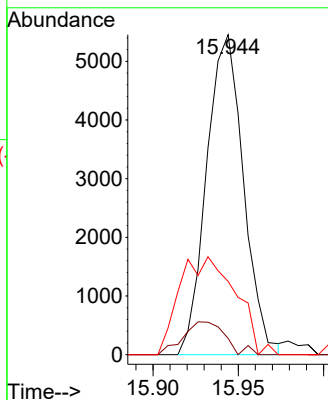
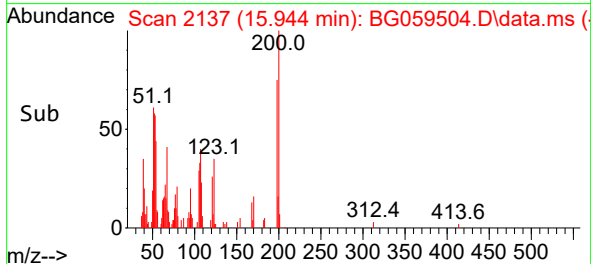
Tgt Ion:198 Resp: 821
Ion Ratio Lower Upper
198 100
182 5.1 1.5 2.3
77 22.9 13.4 20.0

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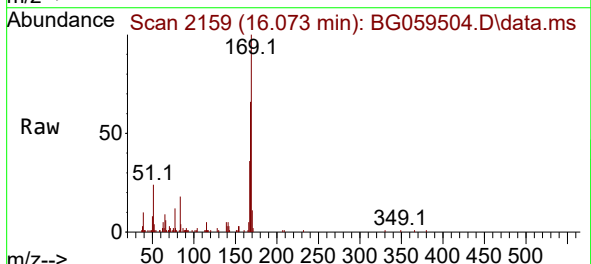
Reviewed By :Yogesh
Patel

10/23/2023
Supervised By :mohammad
ahmed

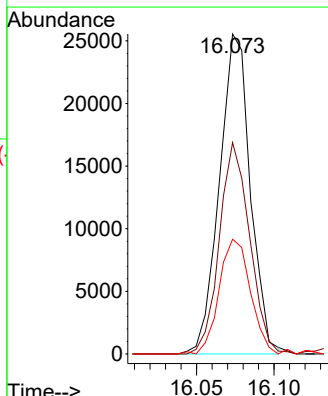
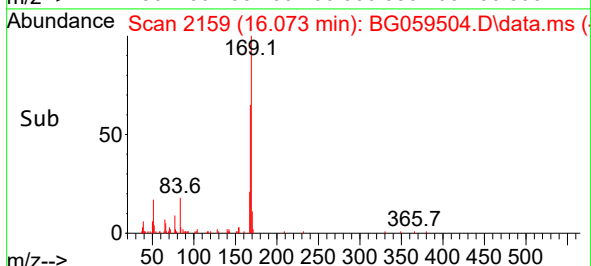
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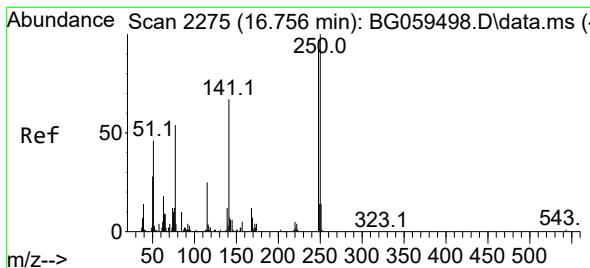


#67
N-Nitrosodiphenylamine
Concen: 3.943 ng/ul
RT: 16.073 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02



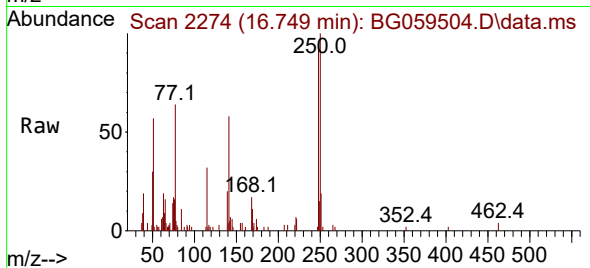
Tgt Ion:169 Resp: 35354
Ion Ratio Lower Upper
169 100
168 66.1 56.6 84.8
167 35.8 27.3 40.9





#68
4-Bromophenyl-phenylether
Concen: 3.833 ng/ul
RT: 16.749 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



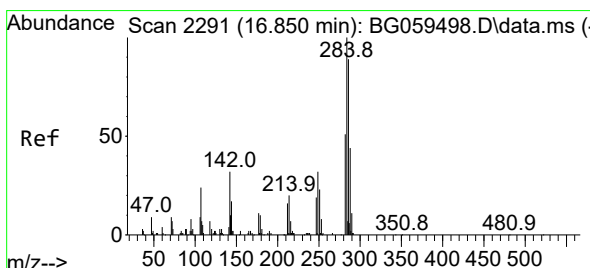
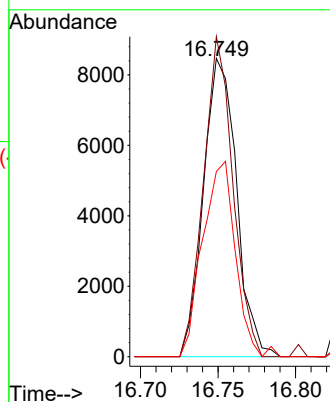
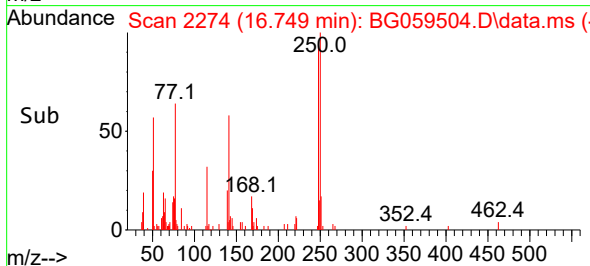
Tgt Ion: 248 Resp: 1254
Ion Ratio Lower Upper
248 100
250 107.2 73.0 109.6
141 62.0 50.7 76.1

Manual Integrations
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Reviewed By : Yogesh
Patel

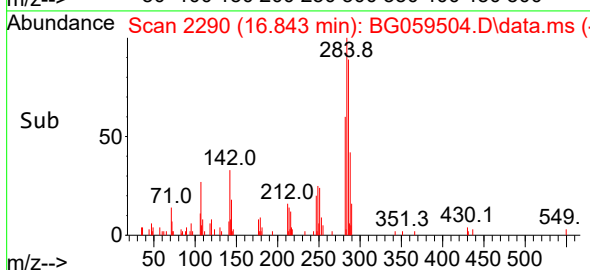
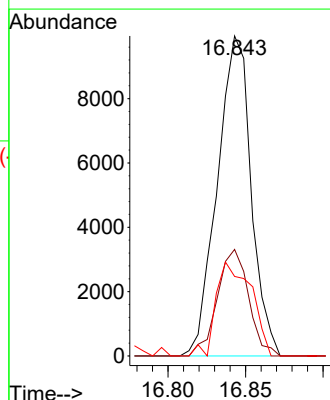
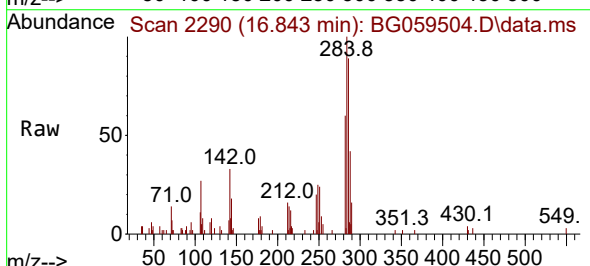
10/23/2023
Supervised By : mohammad
ahmed

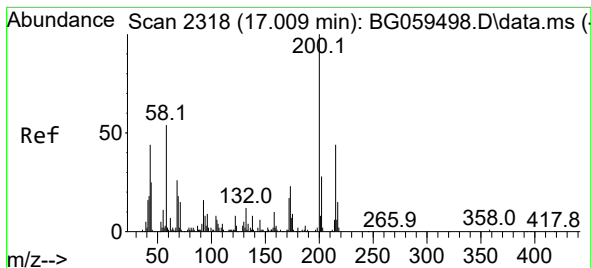
10/23/2023



#69
Hexachlorobenzene
Concen: 4.069 ng/ul
RT: 16.843 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion: 284 Resp: 15086
Ion Ratio Lower Upper
284 100
142 33.3 24.6 36.8
249 24.9 21.0 31.6





#70

Atrazine

Concen: 4.760 ng/ul

RT: 17.002 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059504.D

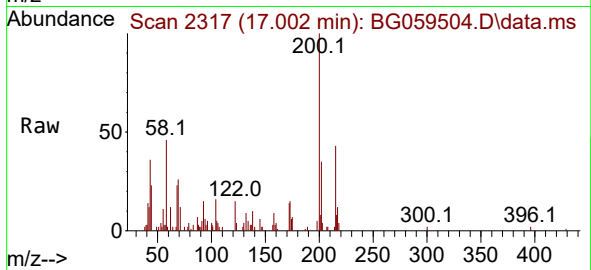
Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06



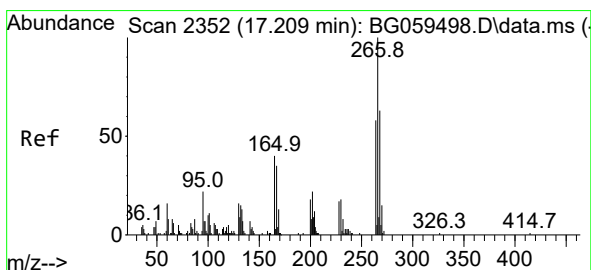
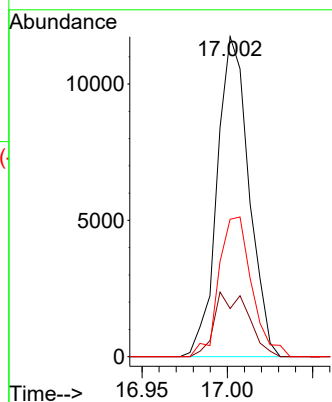
Tgt Ion:	200	Resp:	1522
Ion Ratio	Lower	Upper	
200	100		
173	15.0	20.2	30.4
215	42.9	38.4	57.6

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Reviewed By :Yogesh
Patel

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ahmed

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#71

Pentachlorophenol

Concen: 6.326 ng/ul

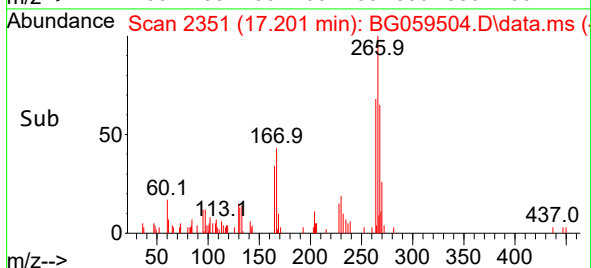
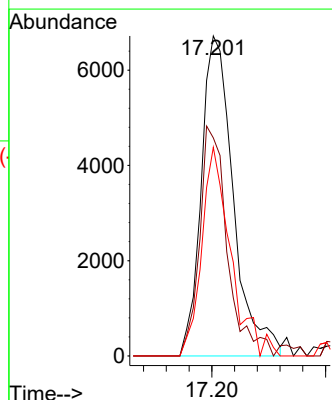
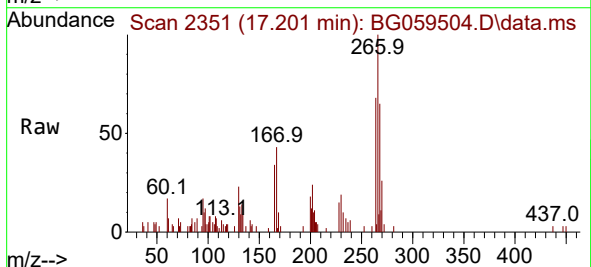
RT: 17.201 min Scan# 2351

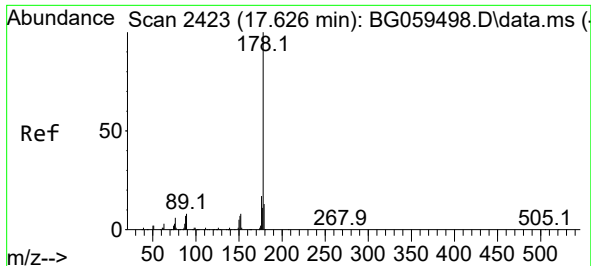
Delta R.T. -0.000 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Tgt Ion:	266	Resp:	13175
Ion Ratio	Lower	Upper	
266	100		
264	72.2	41.8	62.6
268	65.2	53.2	79.8





#72
Phenanthrene
Concen: 4.045 ng/ul
RT: 17.618 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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

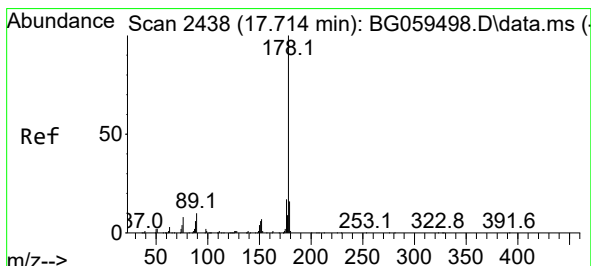
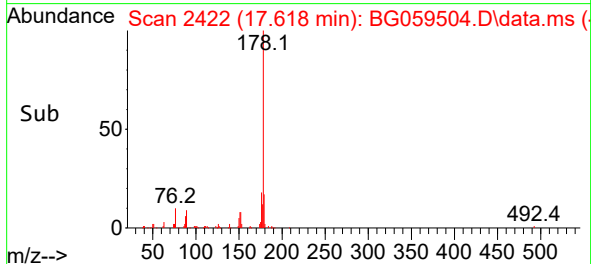
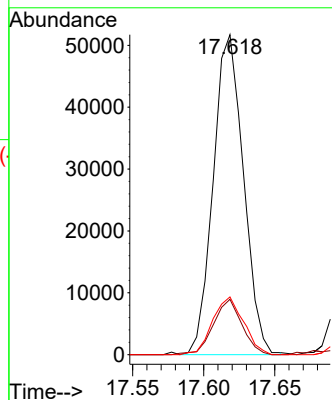
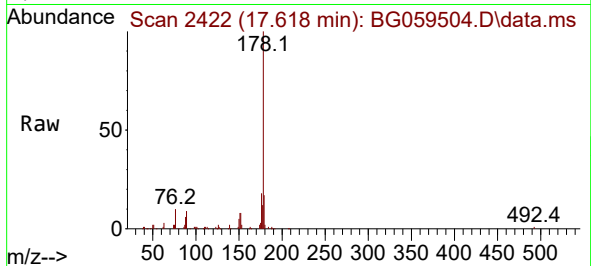
Tgt Ion:178 Resp: 76604
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 18.1 14.3 21.5

Manual Integrations
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Reviewed By :Yogesh
Patel

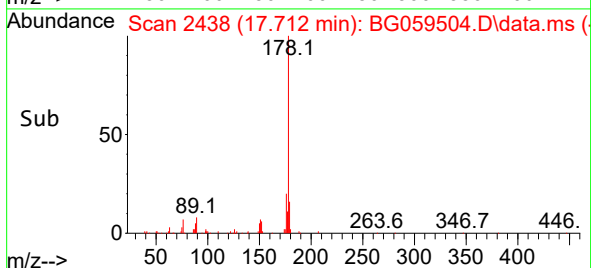
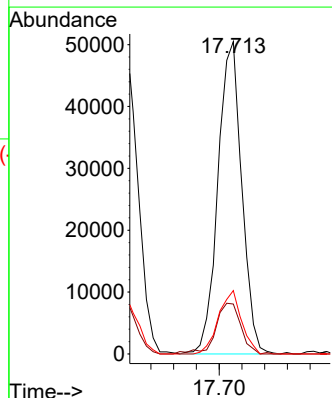
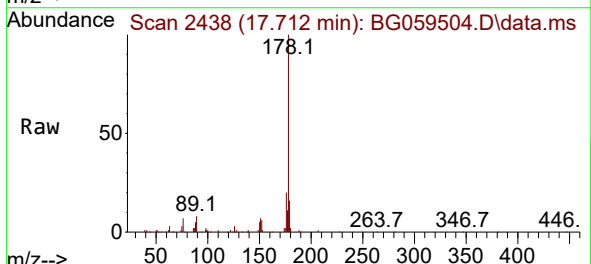
10/23/2023
Supervised By :mohammad
ahmed

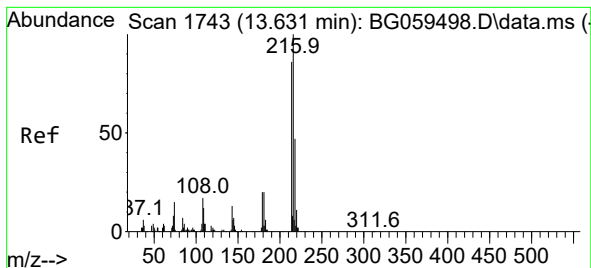
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#74
Anthracene
Concen: 3.776 ng/ul
RT: 17.712 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

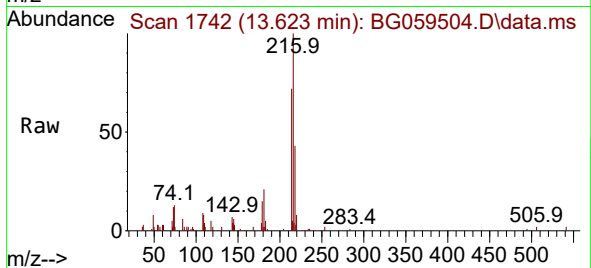
Tgt Ion:178 Resp: 73622
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.3 15.4 23.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.534 ng/uL
RT: 13.623 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



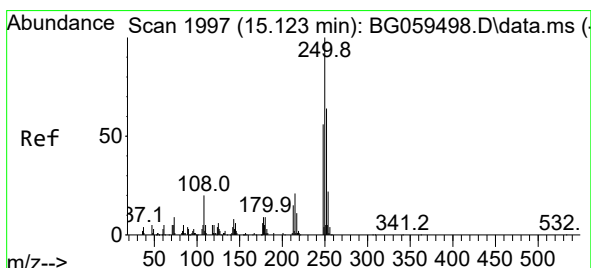
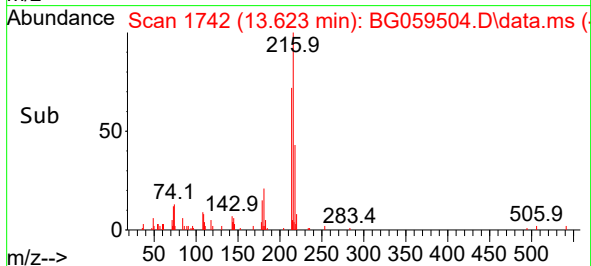
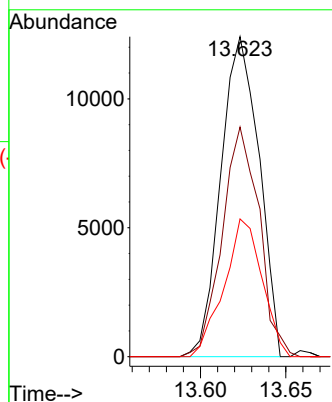
Tgt Ion:216 Resp: 1935
Ion Ratio Lower Upper
216 100
214 68.8 64.4 96.6
218 41.3 34.9 52.3

Manual Integrations
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Patel

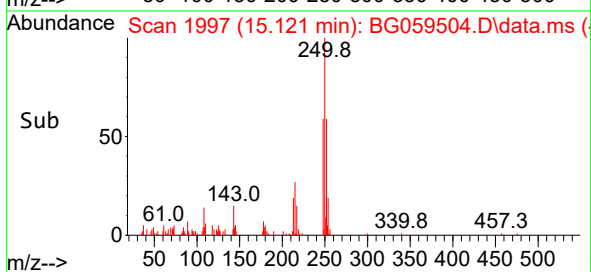
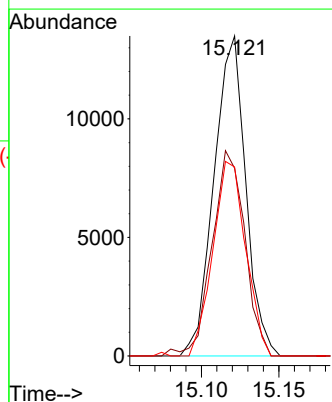
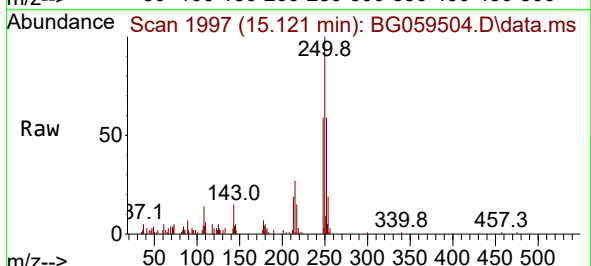
10/23/2023
Supervised By :mohammad
ahmed

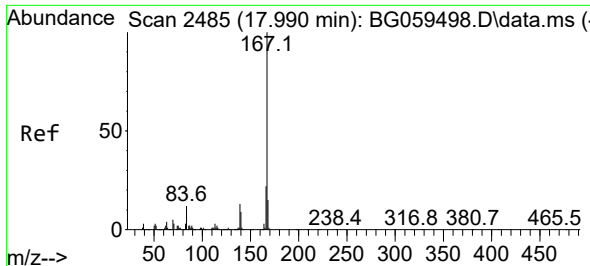
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#76
Pentachlorobenzene
Concen: 4.592 ng/uL
RT: 15.121 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

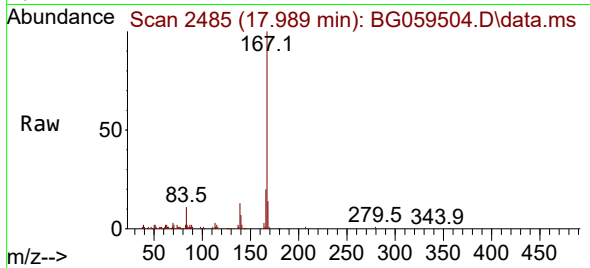
Tgt Ion:250 Resp: 19205
Ion Ratio Lower Upper
250 100
248 61.3 51.8 77.8
252 59.0 55.0 82.4





#77
 Carbazole
 Concen: 3.874 ng/ul
 RT: 17.989 min Scan# 2485
 Delta R.T. -0.000 min
 Lab File: BG059504.D
 Acq: 20 Oct 2023 16:02

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



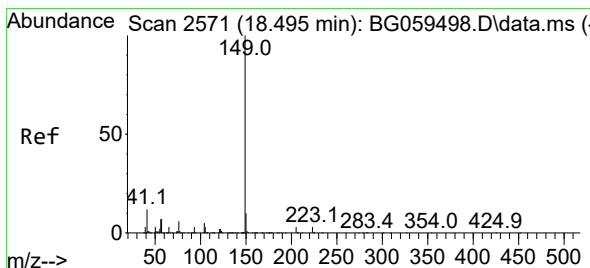
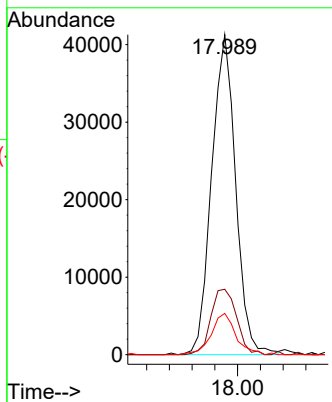
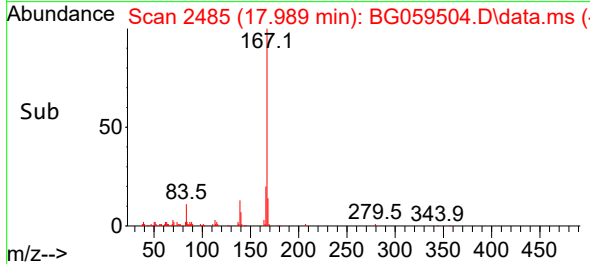
Tgt Ion:167 Resp: 60539
 Ion Ratio Lower Upper
 167 100
 166 20.4 15.8 23.6
 139 12.9 8.7 13.1

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 Patel

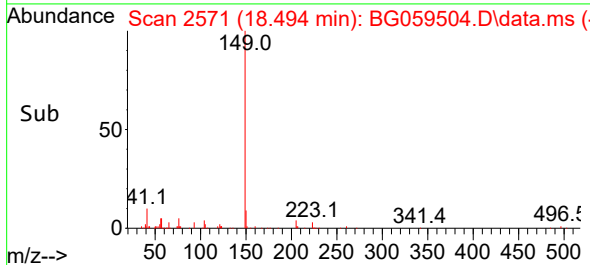
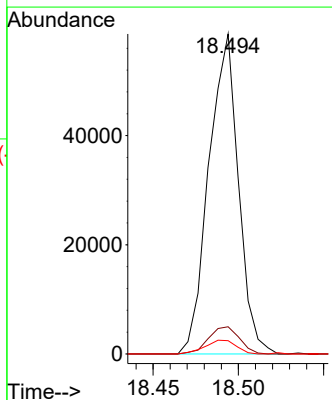
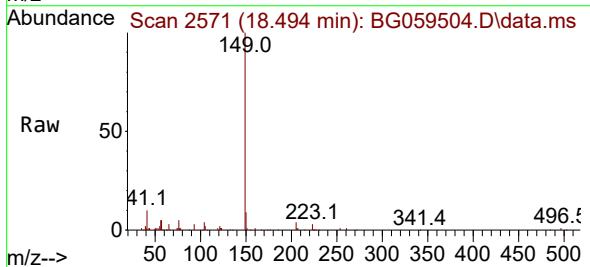
10/23/2023
 Supervised By :mohammad
 ahmed

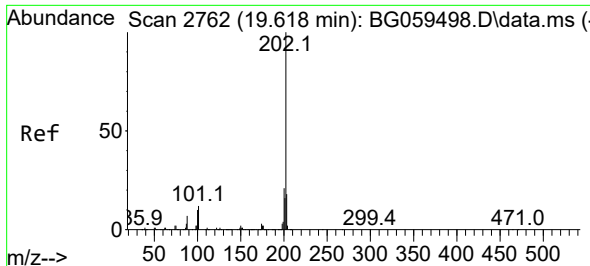
10/23/2023



#78
 Di-n-butylphthalate
 Concen: 3.710 ng/ul
 RT: 18.494 min Scan# 2571
 Delta R.T. -0.000 min
 Lab File: BG059504.D
 Acq: 20 Oct 2023 16:02

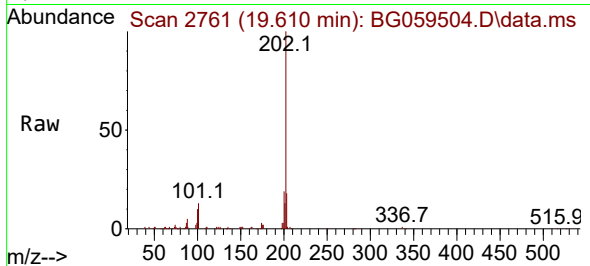
Tgt Ion:149 Resp: 70768
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.3 10.9
 104 4.1 3.5 5.3





#80
Fluoranthene
Concen: 3.795 ng/ul
RT: 19.610 min Scan# 2761
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



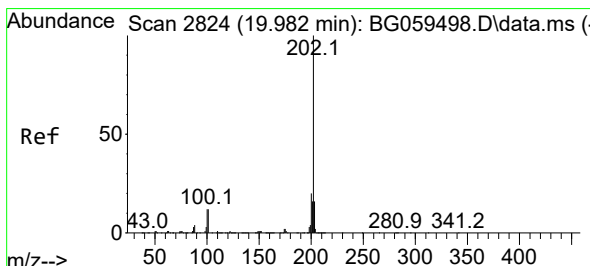
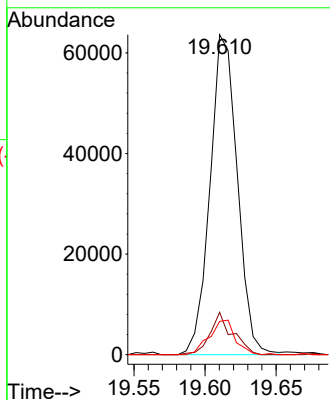
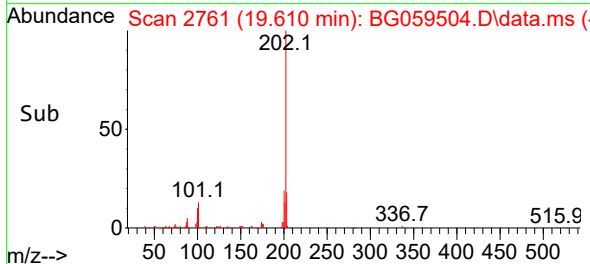
Tgt Ion:202 Resp: 8495
Ion Ratio Lower Upper
202 100
101 13.3 8.1 12.1
100 10.4 7.3 10.9

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Reviewed By :Yogesh
Patel

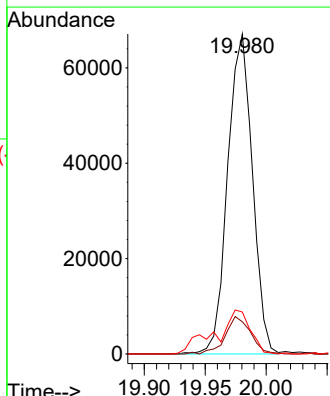
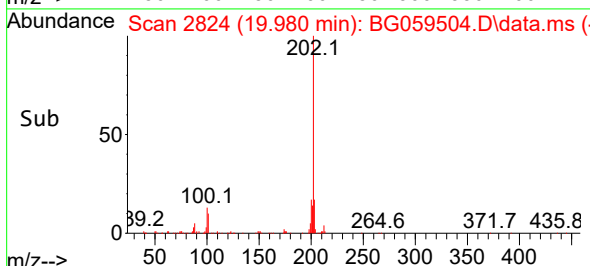
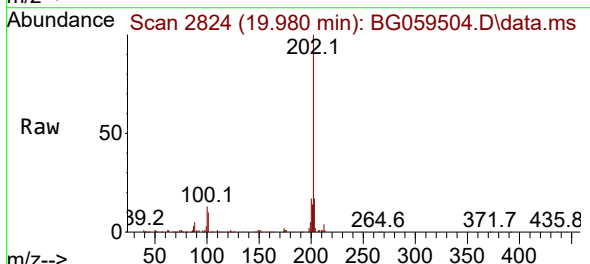
10/23/2023
Supervised By :mohammad
ahmed

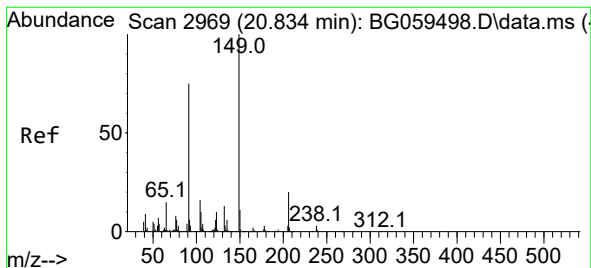
10/23/2023



#82
Pyrene
Concen: 4.012 ng/ul
RT: 19.980 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion:202 Resp: 94655
Ion Ratio Lower Upper
202 100
101 10.1 9.4 14.0
100 13.1 9.4 14.0





#83

Butylbenzylphthalate

Concen: 3.842 ng/ul

RT: 20.832 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:	149	Resp:	3145
Ion Ratio	Lower	Upper	
149	100		
91	73.4	58.6	87.8
206	20.6	16.4	24.6

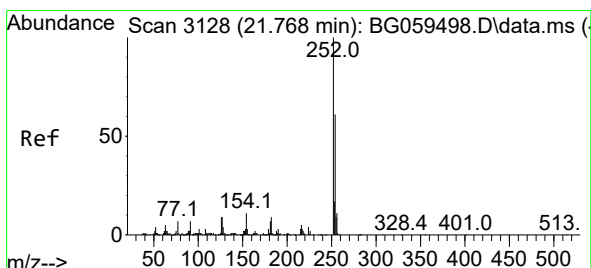
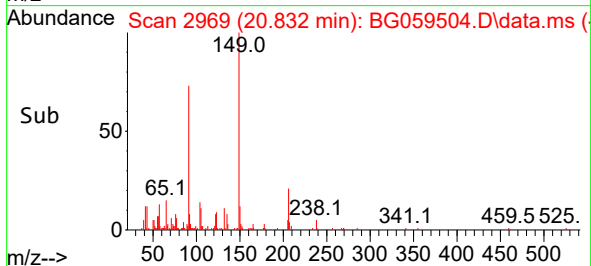
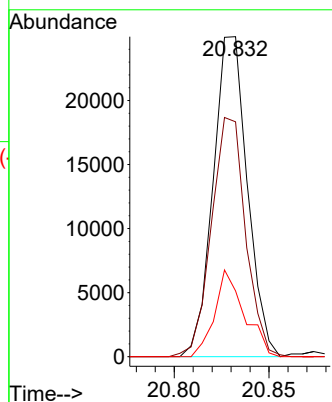
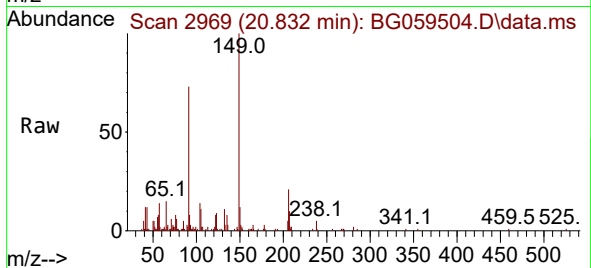
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

10/23/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.681 ng/ul

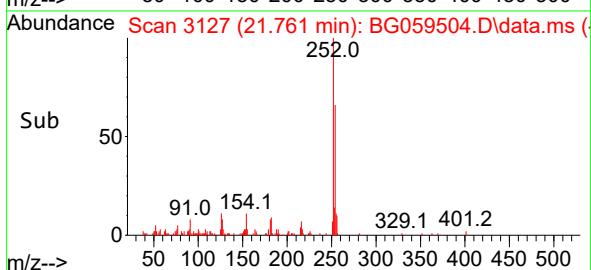
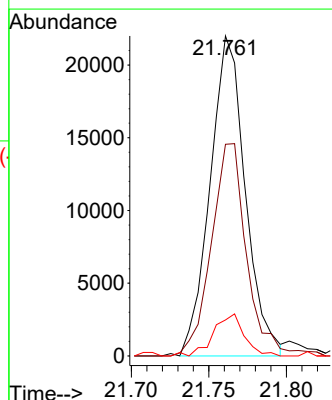
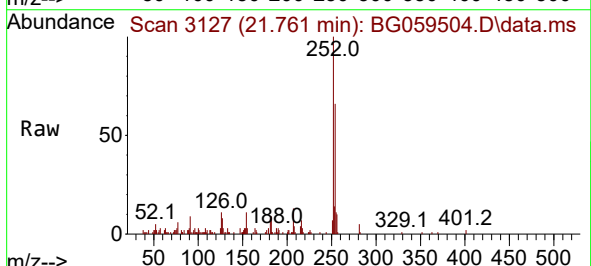
RT: 21.761 min Scan# 3127

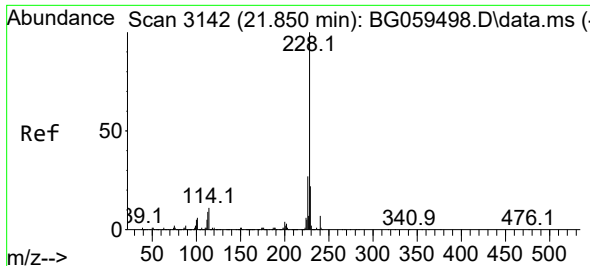
Delta R.T. -0.006 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

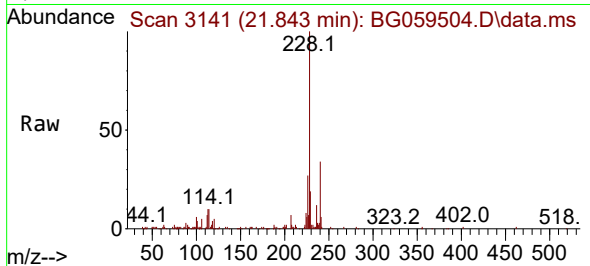
Tgt Ion:	252	Resp:	34740
Ion Ratio	Lower	Upper	
252	100		
254	66.2	50.8	76.2
126	11.3	6.5	9.7





#85
Benzo(a)anthracene
Concen: 3.885 ng/ul
RT: 21.843 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



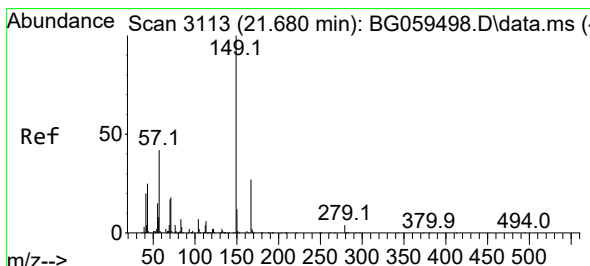
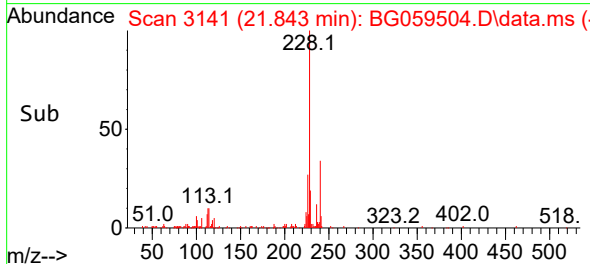
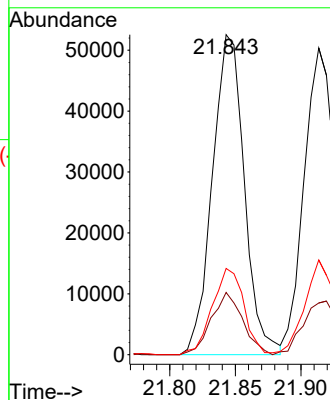
Tgt Ion:228 Resp: 88958
Ion Ratio Lower Upper
228 100
229 19.5 16.7 25.1
226 26.9 21.0 31.6

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Reviewed By :Yogesh
Patel

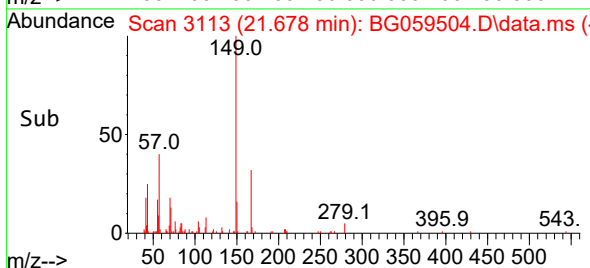
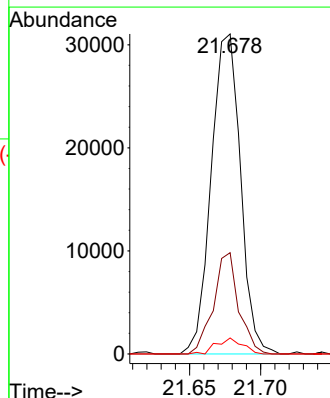
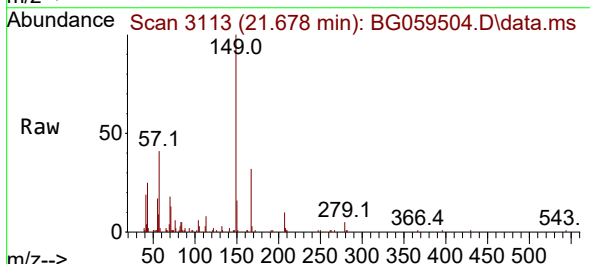
10/23/2023
Supervised By :mohammad
ahmed

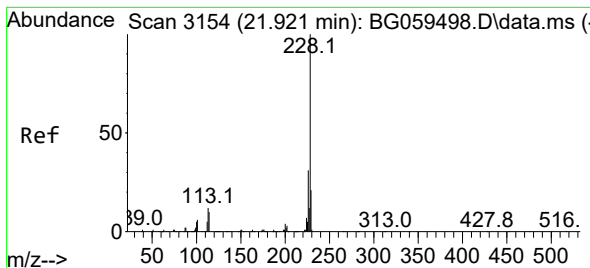
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.717 ng/ul
RT: 21.678 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion:149 Resp: 44416
Ion Ratio Lower Upper
149 100
167 31.7 20.4 30.6#
279 5.0 2.6 3.8#





#87

Chrysene

Concen: 3.950 ng/ul

RT: 21.913 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:228 Resp: 8454

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.3	34.9
229	16.9	16.1	24.1

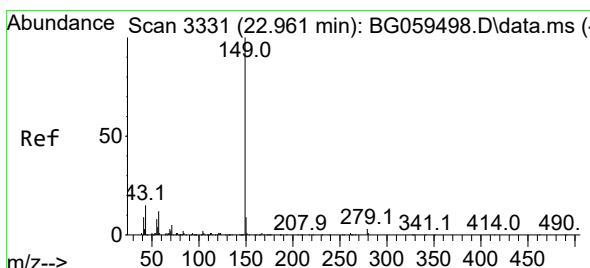
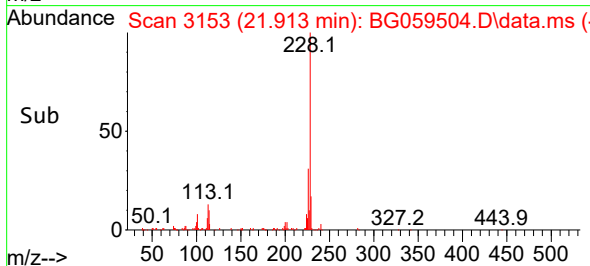
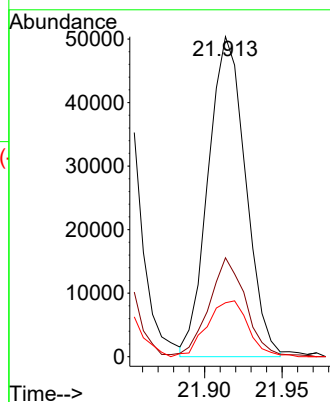
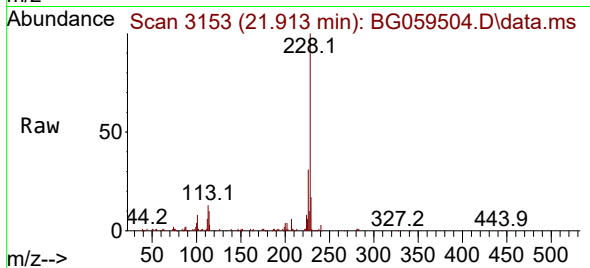
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#89

Di-n-octyl phthalate

Concen: 3.926 ng/ul

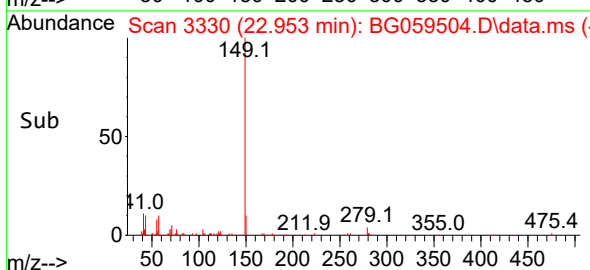
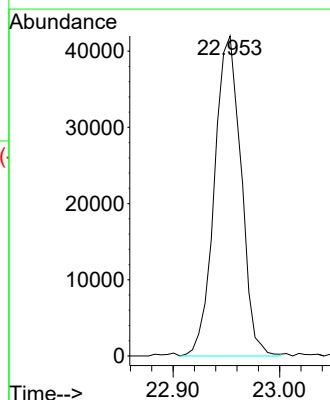
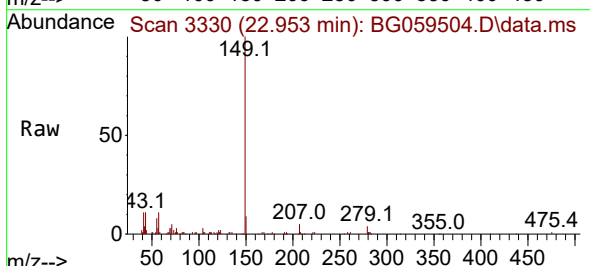
RT: 22.953 min Scan# 3330

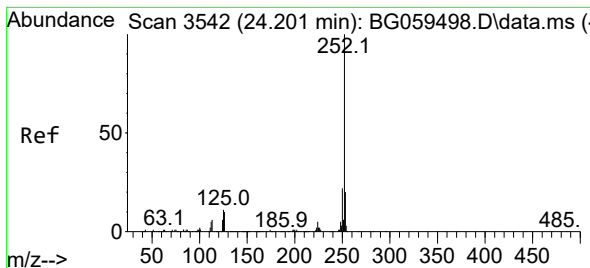
Delta R.T. -0.006 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Tgt Ion:149 Resp: 72843





#90

Benzo(b)fluoranthene

Concen: 4.188 ng/ul

RT: 24.193 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:252 Resp: 91586
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.8 26.8
 125 10.7 8.2 12.2

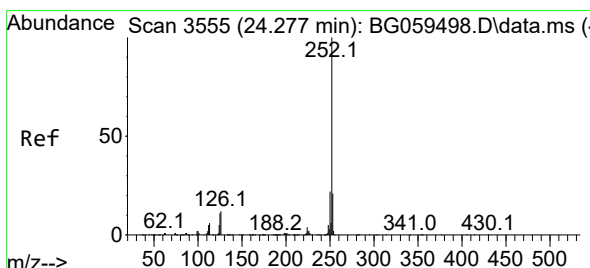
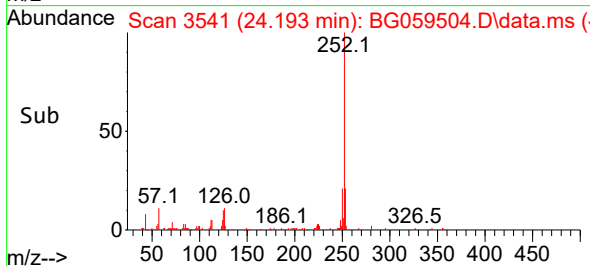
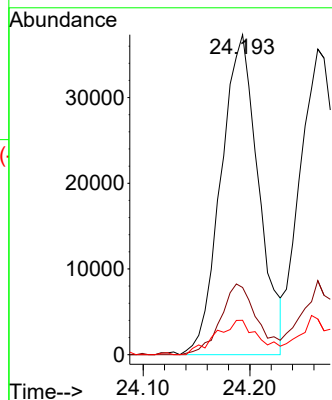
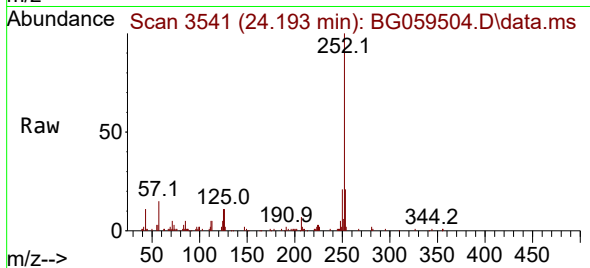
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Reviewed By :Yogesh
 Patel

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 ahmed

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#91

Benzo(k)fluoranthene

Concen: 3.958 ng/ul m

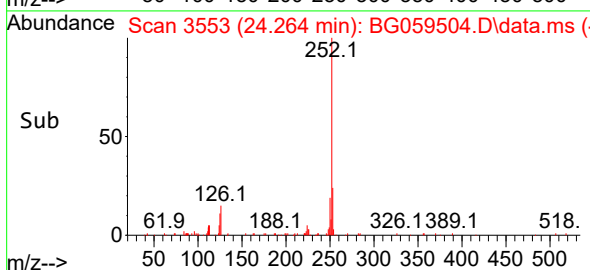
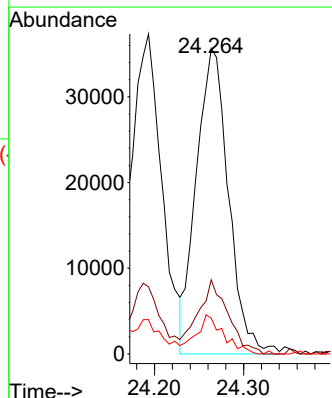
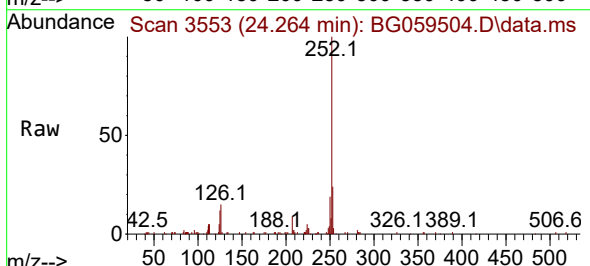
RT: 24.264 min Scan# 3553

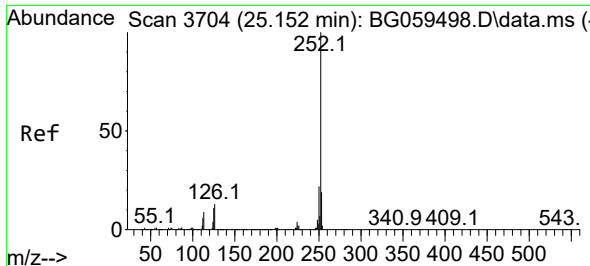
Delta R.T. -0.012 min

Lab File: BG059504.D

Acq: 20 Oct 2023 16:02

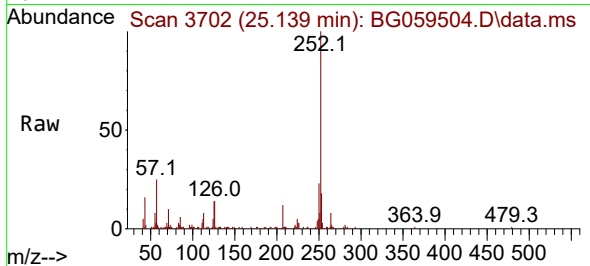
Tgt Ion:252 Resp: 89484
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.2
 125 11.7 7.3 10.9#





#93
Benzo(a)pyrene
Concen: 4.246 ng/ul
RT: 25.139 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



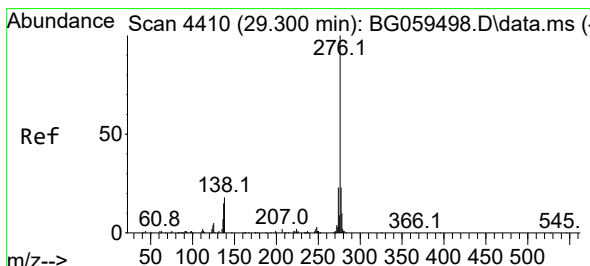
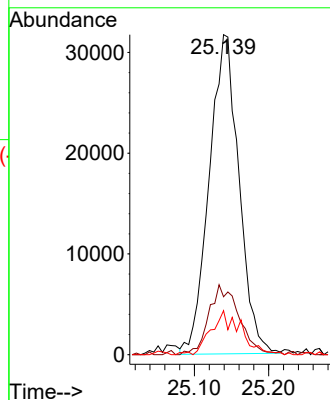
Tgt Ion:252 Resp: 8843
Ion Ratio Lower Upper
252 100
253 18.1 20.0 30.0
125 13.8 9.9 14.9

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Reviewed By :Yogesh
Patel

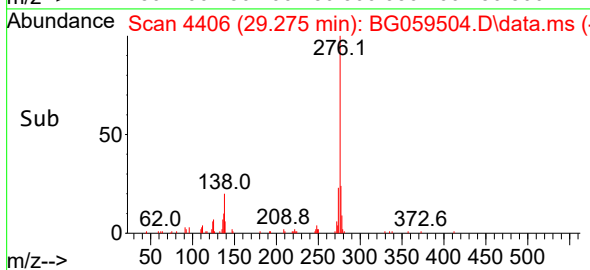
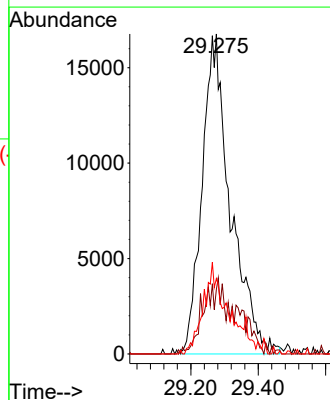
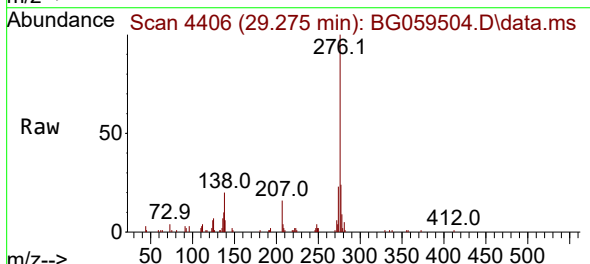
10/23/2023
Supervised By :mohammad
ahmed

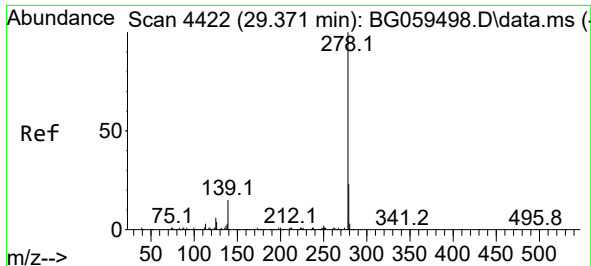
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#94
Indeno(1,2,3-cd)pyrene
Concen: 4.128 ng/ul m
RT: 29.275 min Scan# 4406
Delta R.T. -0.018 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

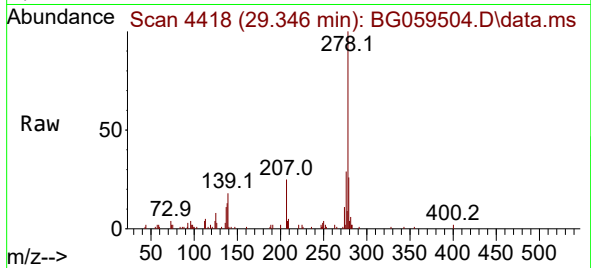
Tgt Ion:276 Resp: 97871
Ion Ratio Lower Upper
276 100
138 20.2 14.2 21.4
277 23.6 16.1 24.1





#95
Dibenzo(a,h)anthracene
Concen: 4.056 ng/ul m
RT: 29.346 min Scan# 4418
Delta R.T. -0.012 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

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



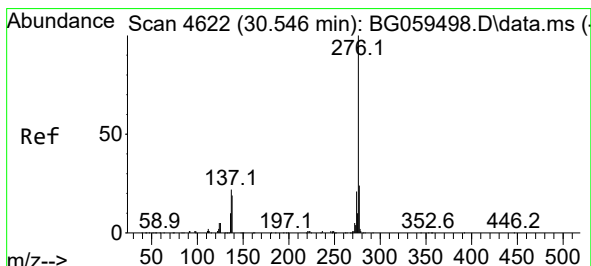
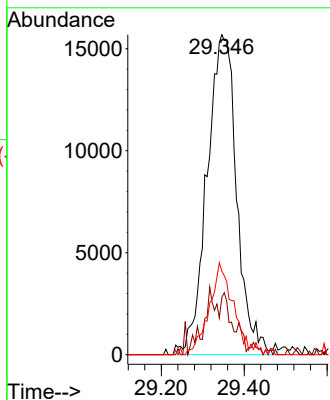
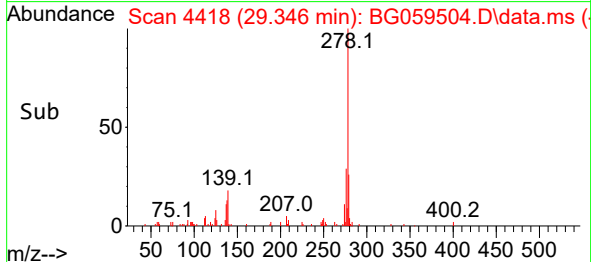
Tgt Ion:278 Resp: 78210
Ion Ratio Lower Upper
278 100
139 17.9 11.3 16.9
279 26.1 19.1 28.7

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: 4.022 ng/ul m
RT: 30.527 min Scan# 4619
Delta R.T. -0.041 min
Lab File: BG059504.D
Acq: 20 Oct 2023 16:02

Tgt Ion:276 Resp: 80085
Ion Ratio Lower Upper
276 100
138 19.2 19.1 28.7
277 17.3 16.9 25.3

