

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
 Data File : BG060617.D
 Acq On : 12 Mar 2024 13:02
 Operator : MA/JU
 Sample : P1601-06
 Misc : SFAM-MDL-MESOIL-02
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-02

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 14:57:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 15:23:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	99366	20.000	ng/u1	0.00
20) Naphthalene-d8	11.169	136	460593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.952	164	312244	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.696	188	710779	20.000	ng/u1	0.00
79) Chrysene-d12	22.021	240	628981	20.000	ng/u1	0.00
88) Perylene-d12	25.581	264	710467	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	11714	4.451	ng/uL	0.00
4) Pyridine-d5	4.048	84	175145	21.266	ng/u1	0.00
7) Phenol-d5	7.432	99	206431	20.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	132707	19.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.837	132	147882	20.657	ng/u1	0.00
15) 4-Methylphenol-d8	9.006	113	162732	20.468	ng/u1	0.00
21) Nitrobenzene-d5	9.524	128	72724	24.762	ng/u1	0.00
24) 2-Nitrophenol-d4	10.240	143	72239	24.951	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.763	165	157680	21.155	ng/u1	0.00
31) 4-Chloroaniline-d4	11.310	131	238577	20.592	ng/u1	0.00
46) Dimethylphthalate-d6	14.347	166	541814	21.888	ng/u1	0.00
49) Acenaphthylene-d8	14.653	160	639823	22.074	ng/u1	0.00
54) 4-Nitrophenol-d4	15.111	143	78603	21.068	ng/u1	0.00
60) Fluorene-d10	15.940	176	481031	22.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	51263	17.768	ng/u1	0.00
73) Anthracene-d10	17.796	188	702984	20.125	ng/u1	0.00
81) Pyrene-d10	20.070	212	841374	22.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.329	264	810973	22.060	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.648	88	3294m	1.180	ng/uL	
5) Pyridine	4.071	79	35992	4.309	ng/u1#	75
6) Benzaldehyde	7.467	77	27776	5.724	ng/u1	94
8) Phenol	7.461	94	44185	4.265	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.737	93	37776	4.591	ng/u1	91
12) 2-Chlorophenol	7.873	128	34889	4.655	ng/u1#	91
13) 2-Methylphenol	8.742	108	34756	4.306	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.836	45	71335	4.287	ng/u1#	98
16) Acetophenone	9.165	105	59969	4.420	ng/u1#	89
17) N-Nitroso-di-n-propyla...	9.130	70	30068	4.520	ng/u1#	92
18) 4-Methylphenol	9.065	108	37708	4.290	ng/u1	89
19) Hexachloroethane	9.412	117	13572	4.622	ng/u1	88
22) Nitrobenzene	9.565	77	41508	5.059	ng/u1	94
23) Isophorone	10.076	82	90493	4.642	ng/u1#	93
25) 2-Nitrophenol	10.276	139	17427	5.227	ng/u1	89
26) 2,4-Dimethylphenol	10.293	107	28065	3.100	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.558	93	51699	4.561	ng/u1	98
29) 2,4-Dichlorophenol	10.793	162	35834	4.813	ng/u1	94
30) Naphthalene	11.222	128	129563	4.758	ng/u1	98
32) 4-Chloroaniline	11.333	127	52679	4.659	ng/u1	98
33) Hexachlorobutadiene	11.451	225	24821	4.506	ng/u1	95
34) Caprolactam	12.115	113	13741	5.391	ng/u1	98
35) 4-Chloro-3-methylphenol	12.397	107	40910	4.579	ng/u1	97
36) 2-Methylnaphthalene	12.802	142	86511	4.836	ng/u1	93

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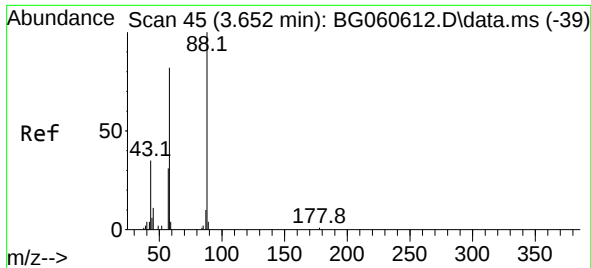
Manual Integrations
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 Supervised By :mohammad ahmed 03/14/2024

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 Quant Title : SVOA CALIBRATION
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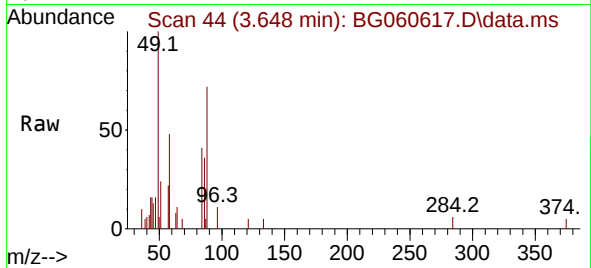
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.019	142	88163	4.920	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.137	216	47692	4.640	ng/ul	94
40) Hexachlorocyclopentadiene	13.096	237	25826	4.126	ng/ul	94
41) 2,4,6-Trichlorophenol	13.378	196	29884	4.670	ng/ul	91
42) 2,4,5-Trichlorophenol	13.442	196	31793	4.658	ng/ul	93
43) 1,1'-Biphenyl	13.789	154	116639	4.653	ng/ul	96
44) 2-Chloronaphthalene	13.842	162	94739	4.762	ng/ul	99
45) 2-Nitroaniline	14.054	65	24187	4.450	ng/ul	95
47) Dimethylphthalate	14.394	163	121764	4.833	ng/ul	100
48) 2,6-Dinitrotoluene	14.535	165	17432	4.815	ng/ul#	92
50) Acenaphthylene	14.682	152	161968	4.889	ng/ul	99
51) 3-Nitroaniline	14.870	138	20372	4.776	ng/ul	99
52) Acenaphthene	15.017	153	107078	4.869	ng/ul	96
53) 2,4-Dinitrophenol	15.064	184	9262	5.030	ng/ul#	82
55) 4-Nitrophenol	15.129	109	19964	5.540	ng/ul	91
56) Dibenzofuran	15.346	168	143929	4.876	ng/ul	99
57) 2,4-Dinitrotoluene	15.305	165	25458	5.175	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.546	232	25913	4.457	ng/ul#	98
59) Diethylphthalate	15.740	149	128941	5.018	ng/ul	99
61) Fluorene	15.992	166	119418	4.883	ng/ul#	97
62) 4-Chlorophenyl-phenyle...	15.981	204	60328	4.926	ng/ul#	87
63) 4-Nitroaniline	16.028	138	20810	4.898	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	16.051	198	15127	4.748	ng/ul	94
67) N-Nitrosodiphenylamine	16.192	169	104977	4.623	ng/ul	98
68) 4-Bromophenyl-phenylether	16.874	248	35569	4.353	ng/ul	91
69) Hexachlorobenzene	16.962	284	47262	4.838	ng/ul	95
70) Atrazine	17.126	200	43723	5.683	ng/ul	90
71) Pentachlorophenol	17.320	266	24943	4.634	ng/ul	86
72) Phenanthrene	17.743	178	191420	4.693	ng/ul	99
74) Anthracene	17.831	178	186273	4.484	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.748	216	47192	4.445	ng/ul	96
76) Pentachlorobenzene	15.240	250	53025	4.851	ng/ul	95
77) Carbazole	18.108	167	166377	4.670	ng/ul	99
78) Di-n-butylphthalate	18.619	149	200719	4.613	ng/ul#	96
80) Fluoranthene	19.729	202	212344	4.722	ng/ul	99
82) Pyrene	20.093	202	234080	4.970	ng/ul	98
83) Butylbenzylphthalate	20.963	149	79198	4.572	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.909	252	75954	5.280	ng/ul	99
85) Benzo(a)anthracene	21.997	228	223161	4.777	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.844	149	109755	4.264	ng/ul	94
87) Chrysene	22.074	228	211146	4.748	ng/ul	97
89) Di-n-octyl phthalate	23.178	149	186006	4.211	ng/ul	100
90) Benzo(b)fluoranthene	24.424	252	196197	4.543	ng/ul	97
91) Benzo(k)fluoranthene	24.500	252	216399m	4.800	ng/ul	
93) Benzo(a)pyrene	25.405	252	190253	4.542	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.688	276	236995m	4.581	ng/ul	
95) Dibenzo(a,h)anthracene	29.782	278	189637m	4.486	ng/ul	
96) Benzo(g,h,i)perylene	30.992	276	188615	4.540	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.180 ng/uL m
RT: 3.648 min Scan# 44
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

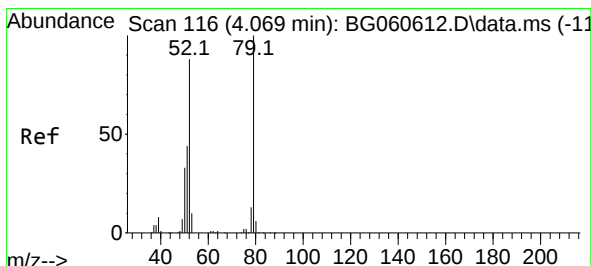
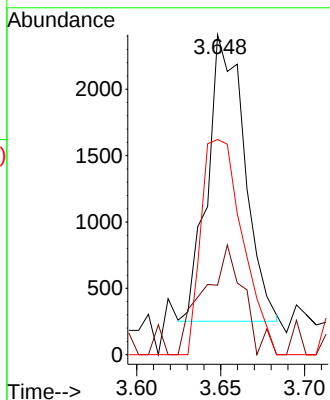
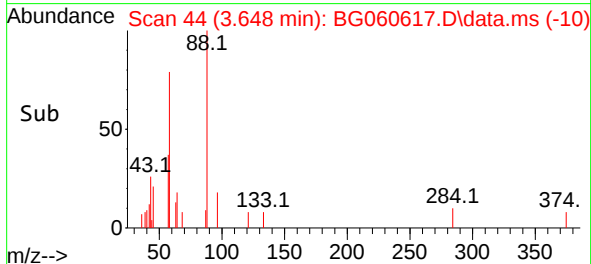
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 88 Resp: 3294
Ion Ratio Lower Upper
88 100
43 21.7 23.4 35.0
58 67.2 76.1 114.1

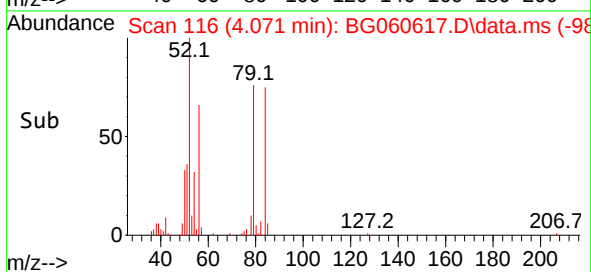
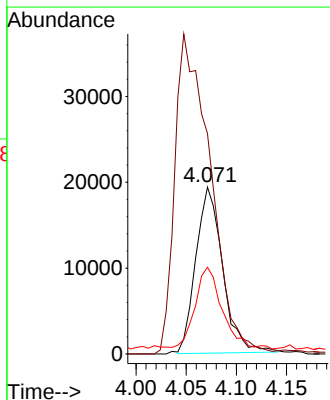
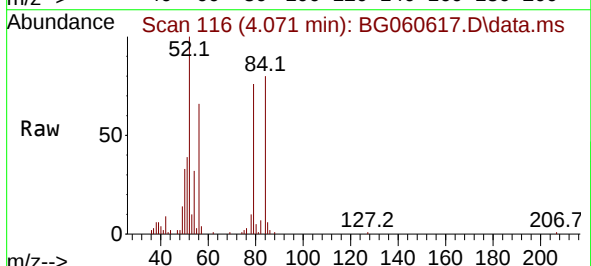
Manual Integrations
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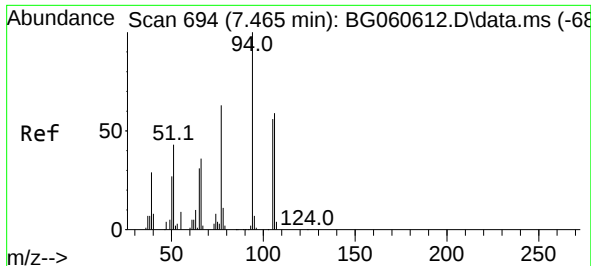
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#5
Pyridine
Concen: 4.309 ng/uL
RT: 4.071 min Scan# 116
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

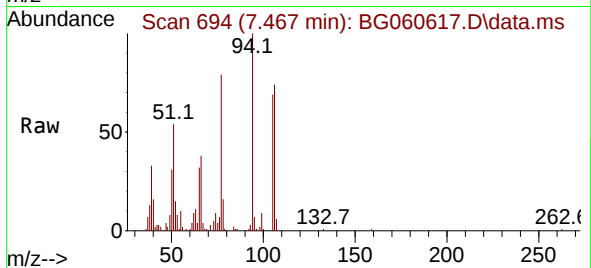
Tgt Ion: 79 Resp: 35992
Ion Ratio Lower Upper
79 100
52 132.0 80.5 120.7
51 52.0 35.8 53.6





#6
Benzaldehyde
Concen: 5.724 ng/ul
RT: 7.467 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

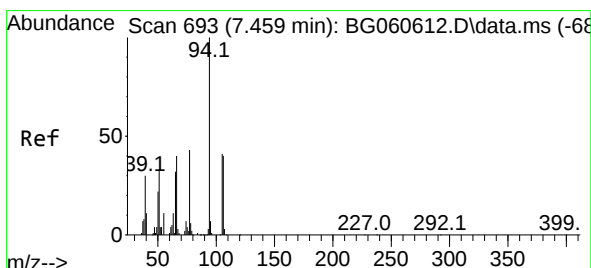
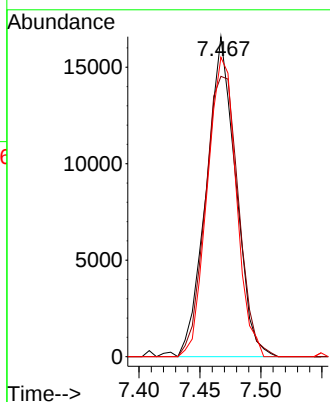
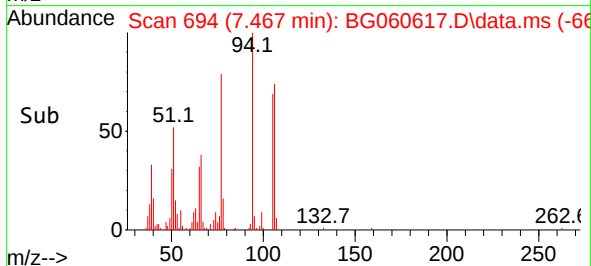
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 77 Resp: 27770
Ion Ratio Lower Upper
77 100
105 87.6 75.9 113.9
106 93.6 78.5 117.7

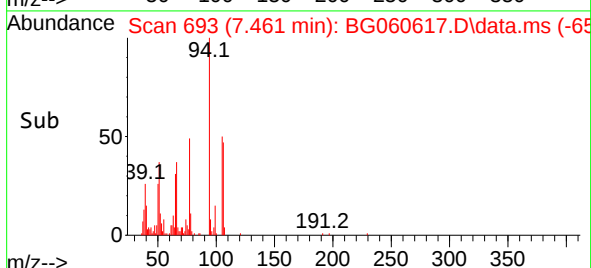
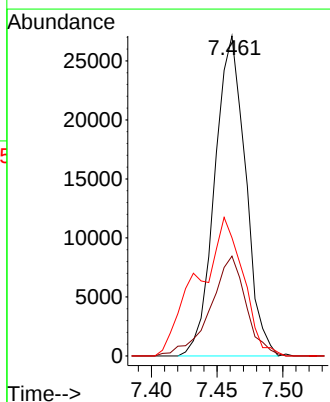
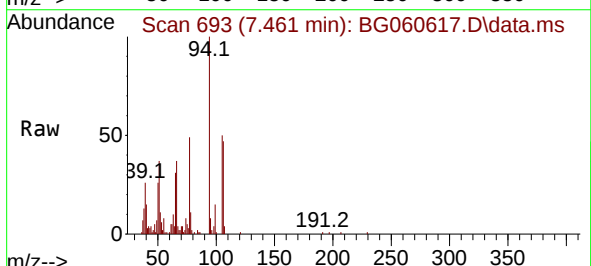
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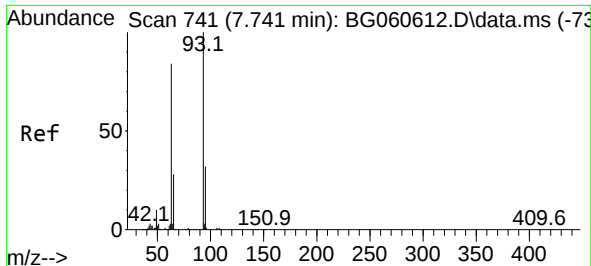
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#8
Phenol
Concen: 4.265 ng/ul
RT: 7.461 min Scan# 693
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion: 94 Resp: 44185
Ion Ratio Lower Upper
94 100
65 31.2 26.7 40.1
66 37.0 33.1 49.7





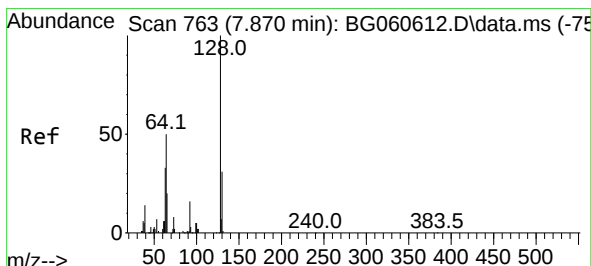
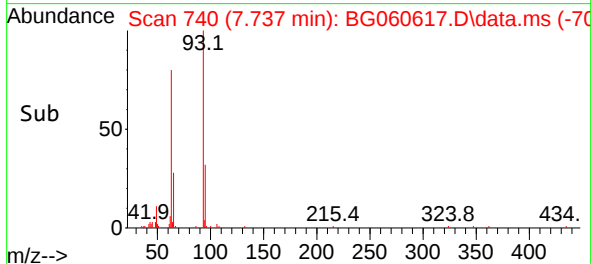
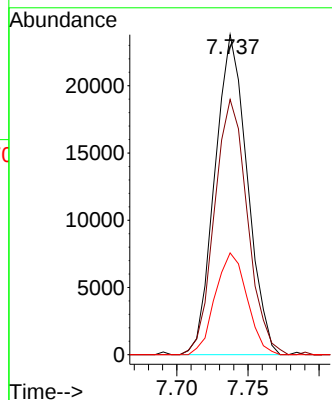
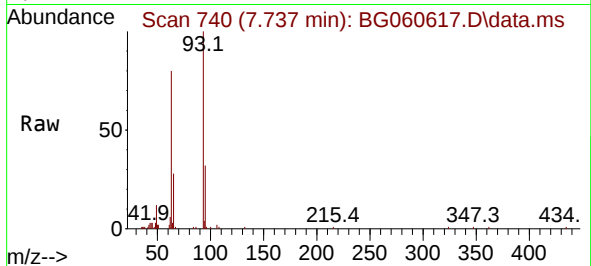
#10
Bis(2-Chloroethyl)ether
Concen: 4.591 ng/ul
RT: 7.737 min Scan# 741
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 93 Resp: 37770
Ion Ratio Lower Upper
93 100
63 79.7 72.2 108.4
95 31.8 27.3 40.9

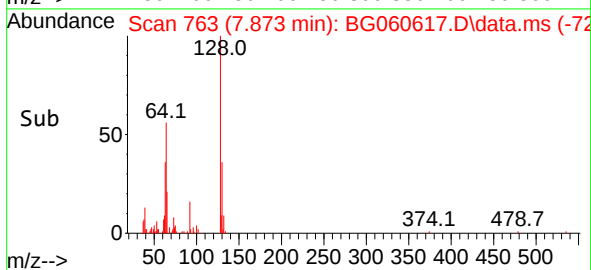
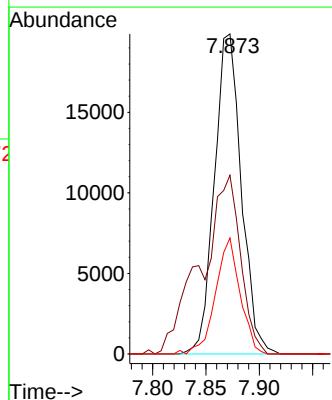
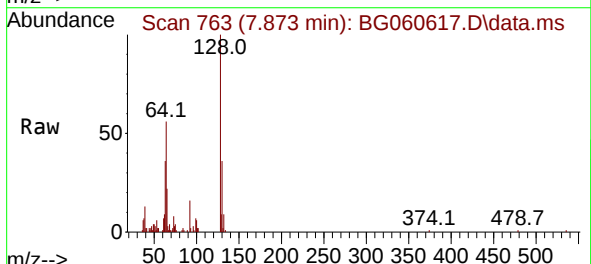
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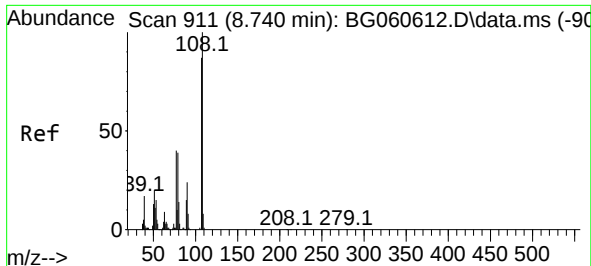
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#12
2-Chlorophenol
Concen: 4.655 ng/ul
RT: 7.873 min Scan# 763
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:128 Resp: 34889
Ion Ratio Lower Upper
128 100
64 55.8 40.8 61.2
130 36.3 24.0 36.0#





#13

2-Methylphenol

Concen: 4.306 ng/ul

RT: 8.742 min Scan# 911

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion:108 Resp: 34750

Ion Ratio Lower Upper

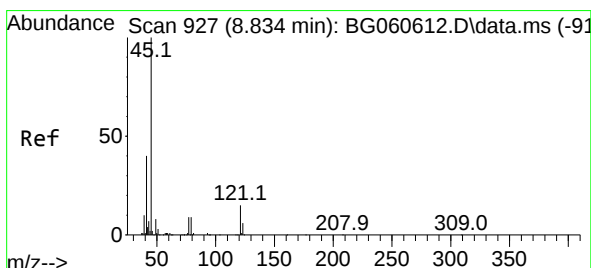
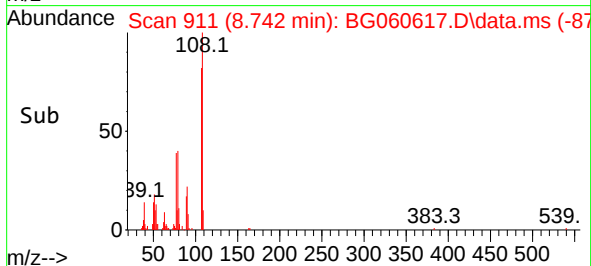
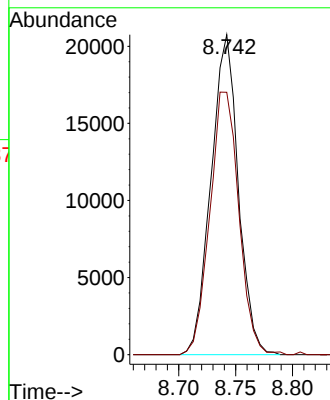
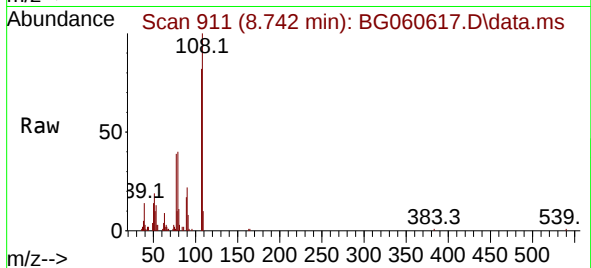
108 100

107 82.0 74.1 111.1

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.287 ng/ul

RT: 8.836 min Scan# 927

Delta R.T. 0.005 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

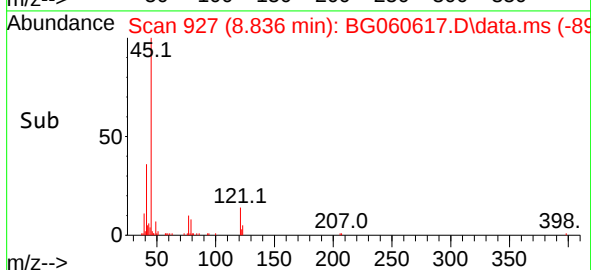
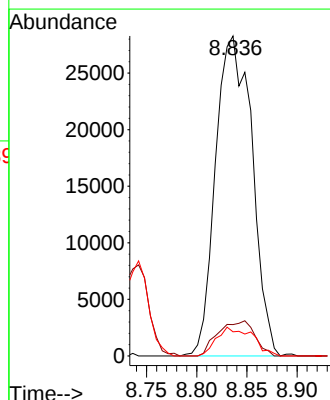
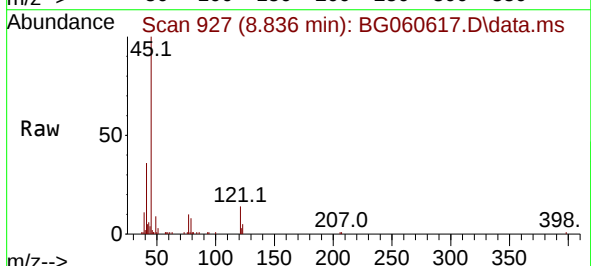
Tgt Ion: 45 Resp: 71335

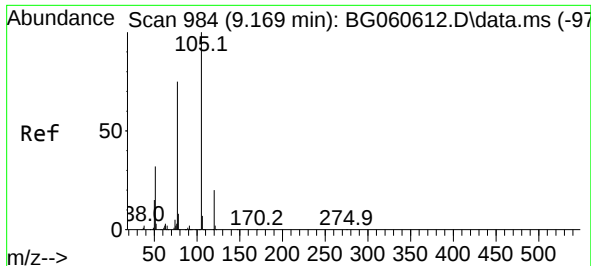
Ion Ratio Lower Upper

45 100

77 9.8 8.2 12.2

79 7.6 5.0 7.4#





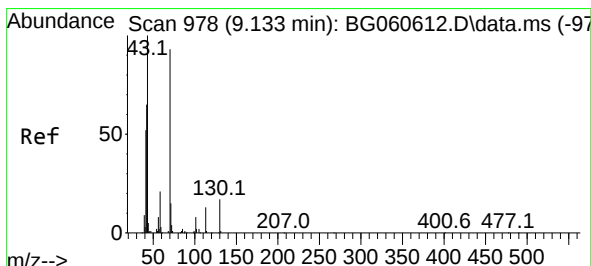
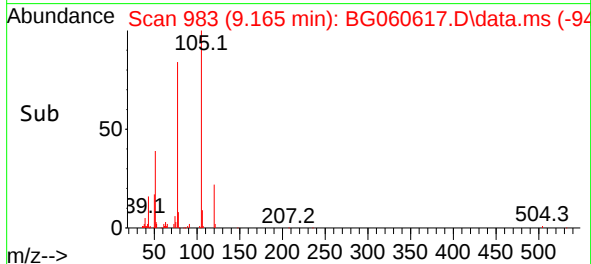
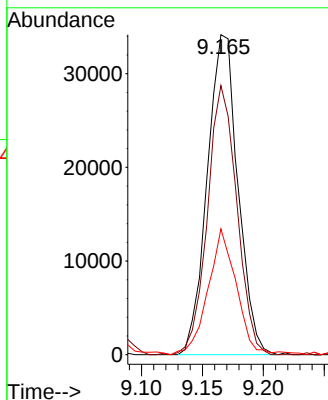
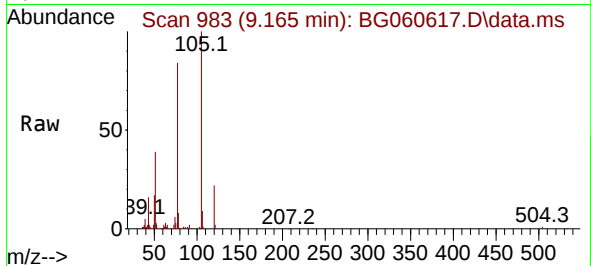
#16
Acetophenone
Concen: 4.420 ng/ul
RT: 9.165 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 105 Resp: 59968
Ion Ratio Lower Upper
105 100
77 84.1 60.2 90.4
51 39.3 25.1 37.7

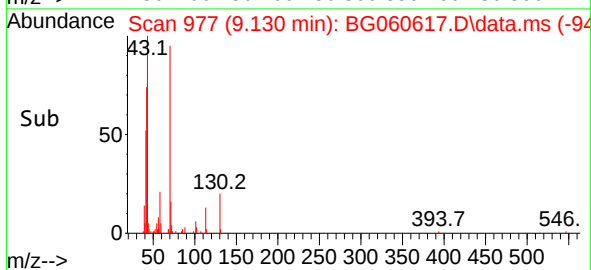
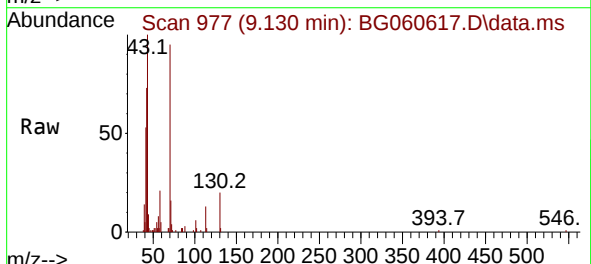
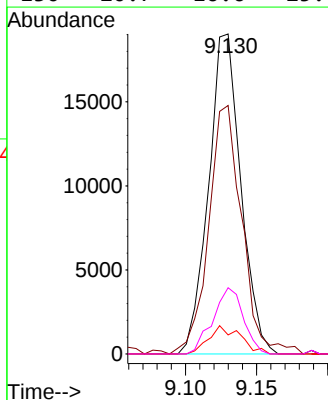
Manual Integrations
APPROVED

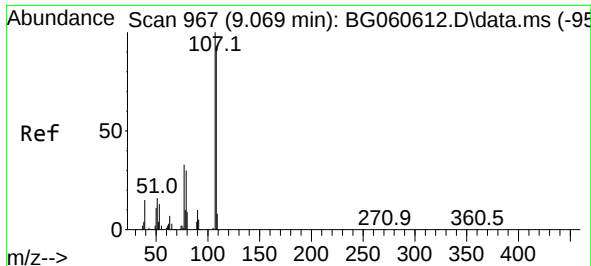
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.520 ng/ul
RT: 9.130 min Scan# 977
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion: 70 Resp: 30068
Ion Ratio Lower Upper
70 100
42 77.6 55.7 83.5
101 6.0 8.6 12.8#
130 20.7 16.6 25.0





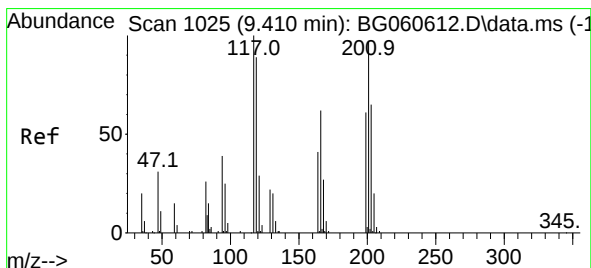
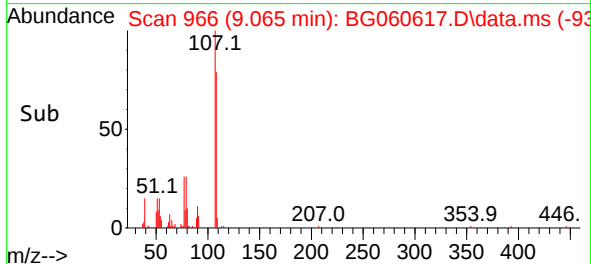
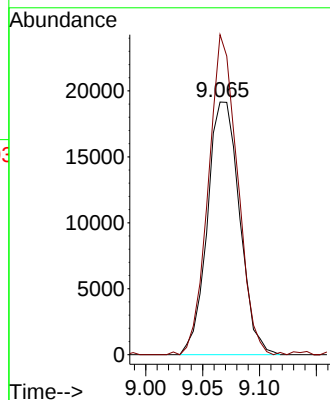
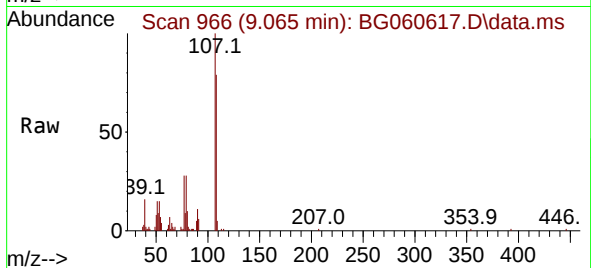
#18
4-Methylphenol
Concen: 4.290 ng/ul
RT: 9.065 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion:108 Resp: 37708
Ion Ratio Lower Upper
108 100
107 126.6 91.8 137.6

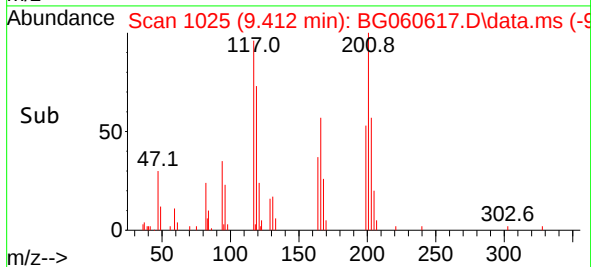
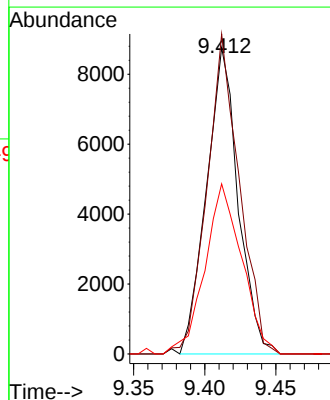
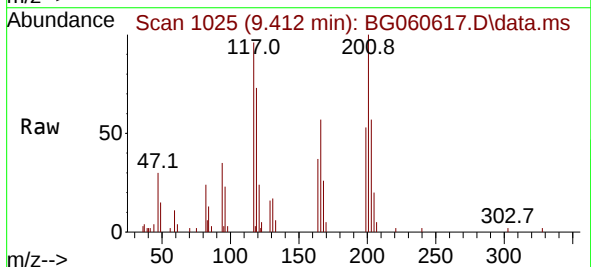
Manual Integrations
APPROVED

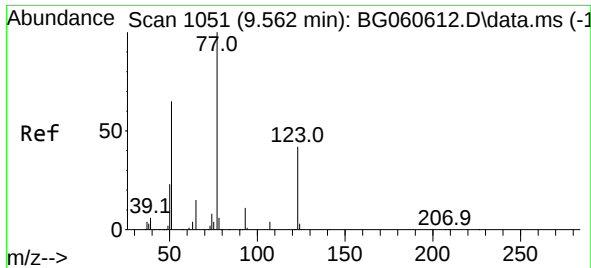
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#19
Hexachloroethane
Concen: 4.622 ng/ul
RT: 9.412 min Scan# 1025
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:117 Resp: 13572
Ion Ratio Lower Upper
117 100
201 104.4 93.2 139.8
199 55.5 53.3 79.9





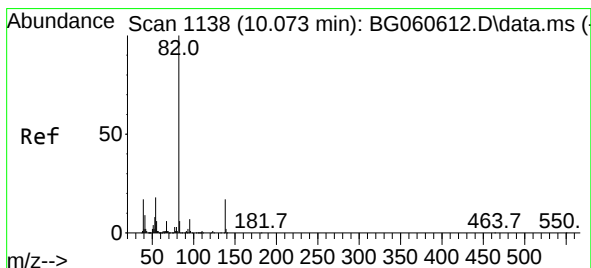
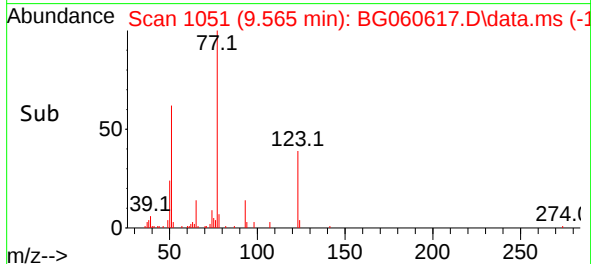
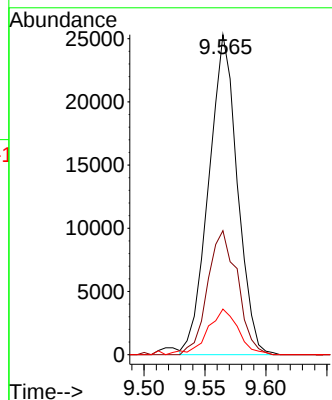
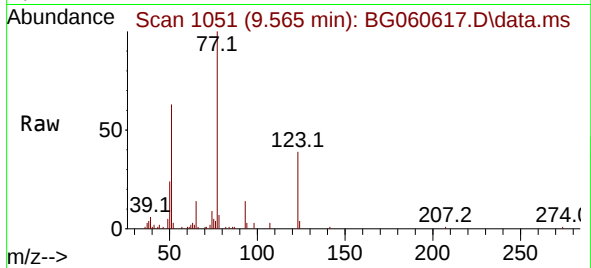
#22
Nitrobenzene
Concen: 5.059 ng/ul
RT: 9.565 min Scan# 1051
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 77 Resp: 41508
Ion Ratio Lower Upper
77 100
123 38.7 34.6 51.8
65 14.2 12.7 19.1

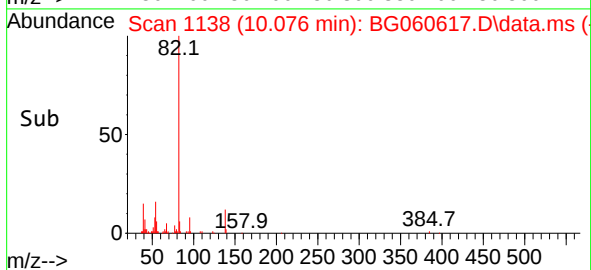
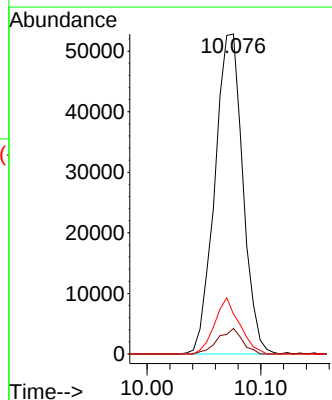
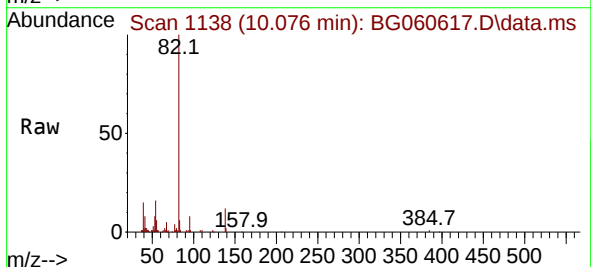
Manual Integrations
APPROVED

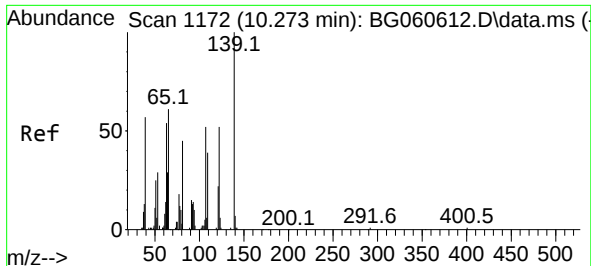
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#23
Isophorone
Concen: 4.642 ng/ul
RT: 10.076 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

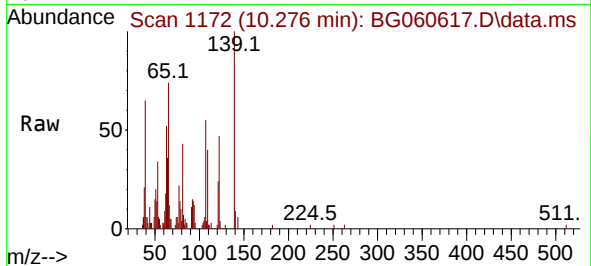
Tgt Ion: 82 Resp: 90493
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 12.5 12.9 19.3#





#25
2-Nitrophenol
Concen: 5.227 ng/ul
RT: 10.276 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

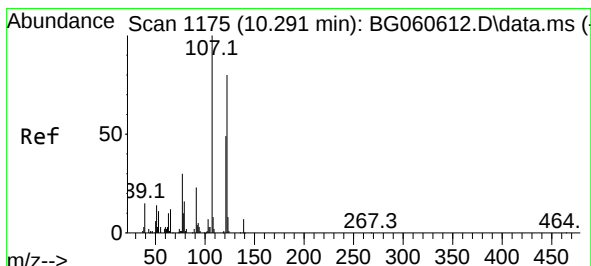
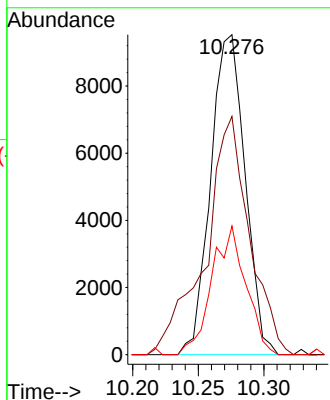
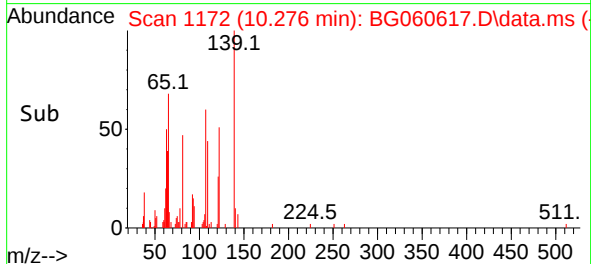
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



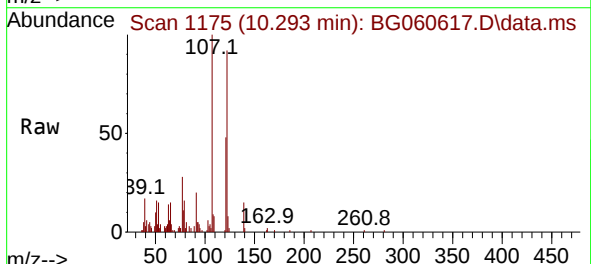
Tgt Ion:139 Resp: 1742
Ion Ratio Lower Upper
139 100
65 74.5 53.0 79.4
109 40.2 27.0 40.6

Manual Integrations
APPROVED

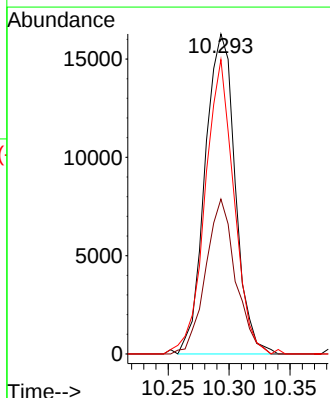
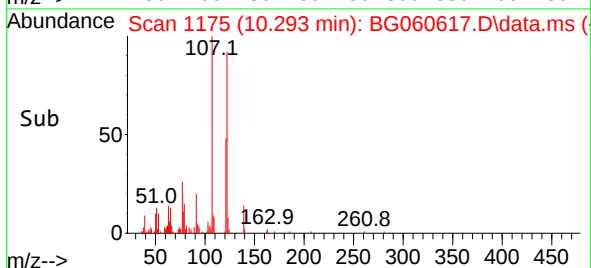
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

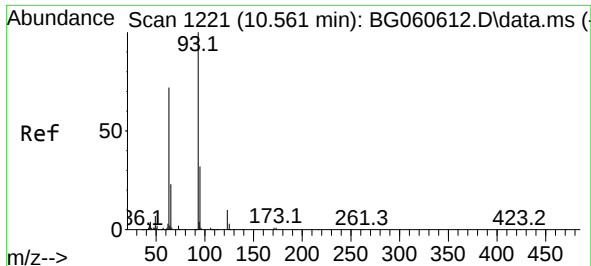


#26
2,4-Dimethylphenol
Concen: 3.100 ng/ul
RT: 10.293 min Scan# 1175
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



Tgt Ion:107 Resp: 28065
Ion Ratio Lower Upper
107 100
121 48.4 38.6 58.0
122 92.0 63.3 94.9





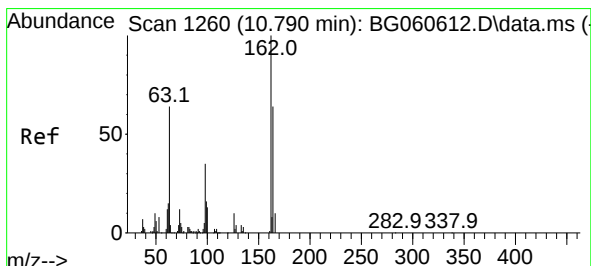
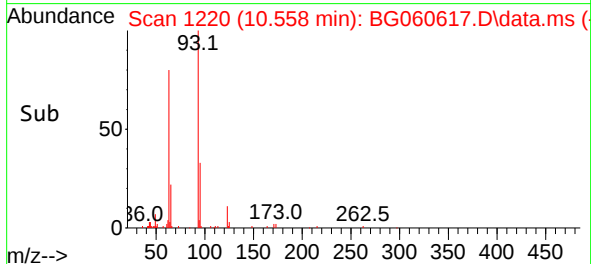
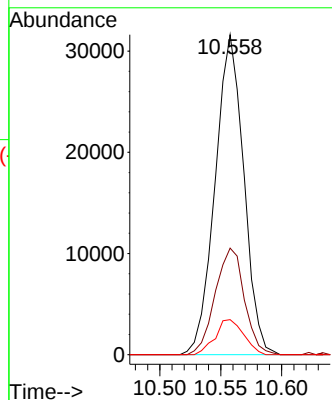
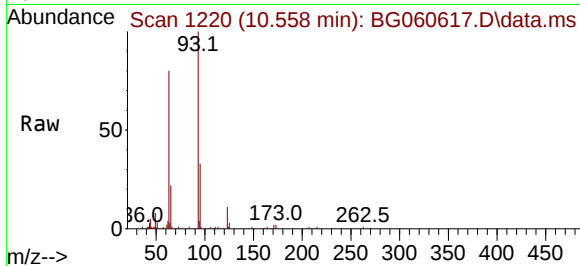
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.561 ng/ul
 RT: 10.558 min Scan# 1221
 Delta R.T. -0.001 min
 Lab File: BG060617.D
 Acq: 12 Mar 2024 13:02

Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 93 Resp: 51699
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.7 38.5
 123 10.9 8.6 13.0

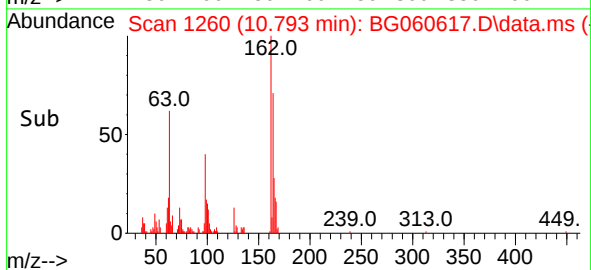
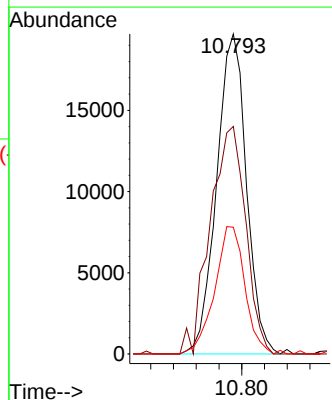
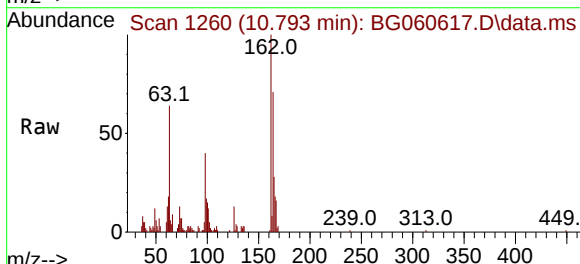
Manual Integrations
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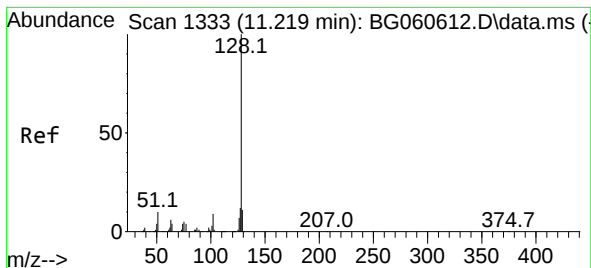
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



#29
 2,4-Dichlorophenol
 Concen: 4.813 ng/ul
 RT: 10.793 min Scan# 1260
 Delta R.T. 0.005 min
 Lab File: BG060617.D
 Acq: 12 Mar 2024 13:02

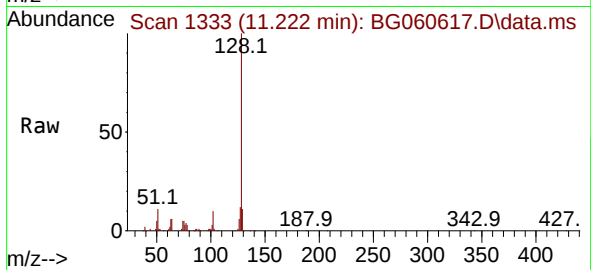
Tgt Ion:162 Resp: 35834
 Ion Ratio Lower Upper
 162 100
 164 71.1 52.6 78.8
 98 39.6 29.7 44.5





#30
Naphthalene
Concen: 4.758 ng/ul
RT: 11.222 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

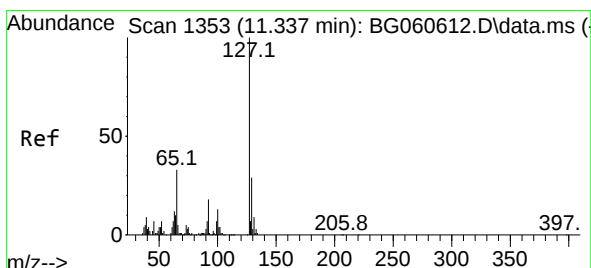
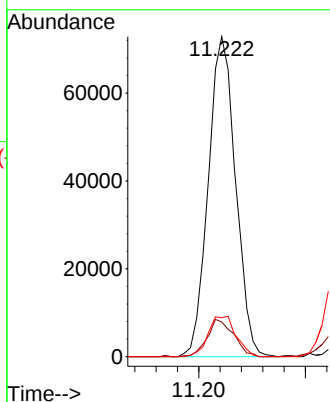
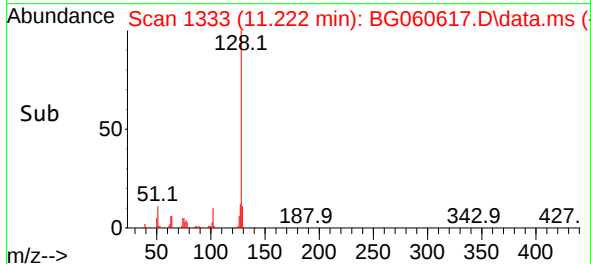
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:128 Resp: 12956
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.1 11.0 16.4

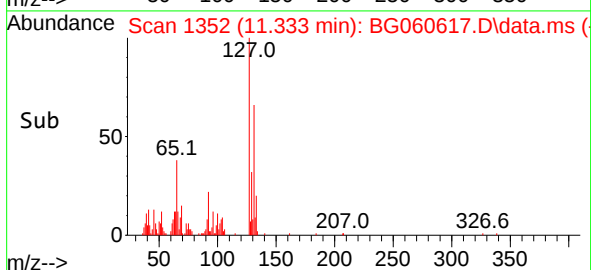
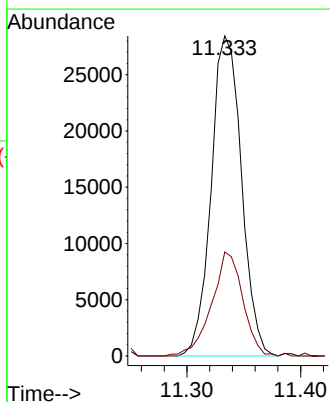
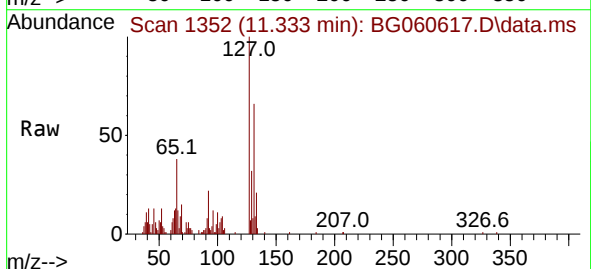
Manual Integrations
APPROVED

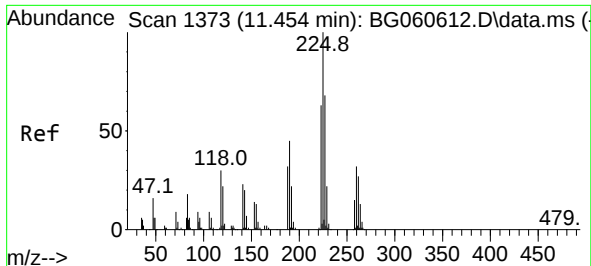
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#32
4-Chloroaniline
Concen: 4.659 ng/ul
RT: 11.333 min Scan# 1352
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

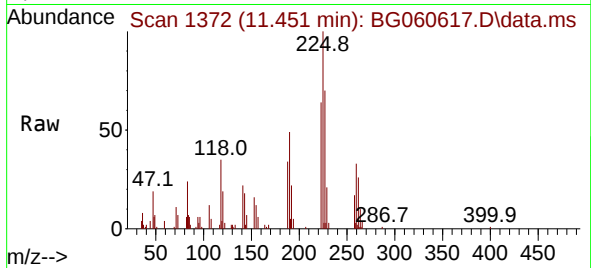
Tgt Ion:127 Resp: 52679
Ion Ratio Lower Upper
127 100
129 32.5 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.506 ng/ul
RT: 11.451 min Scan# 11451
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

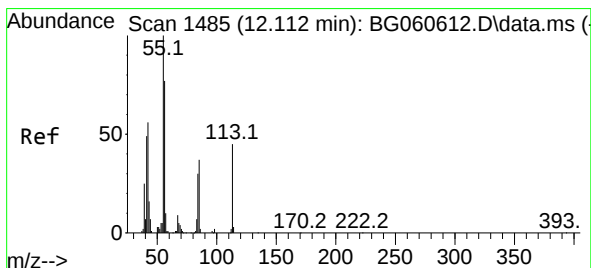
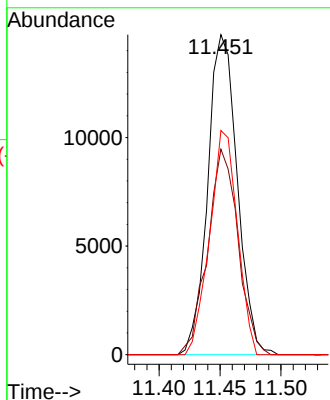
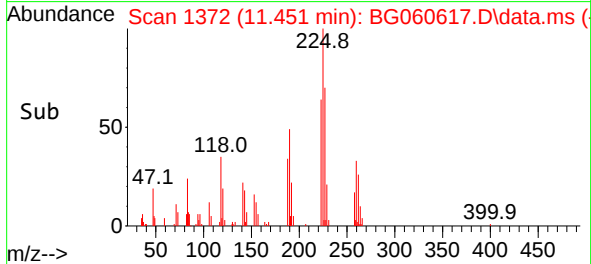
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:225 Resp: 2482
Ion Ratio Lower Upper
225 100
223 64.2 53.5 80.3
227 70.1 51.4 77.0

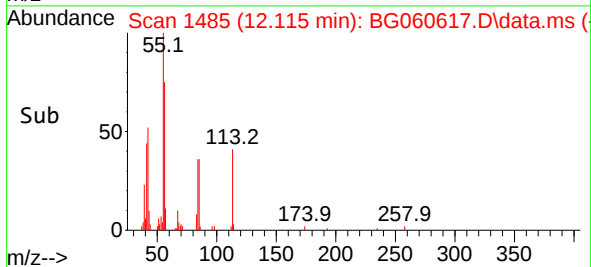
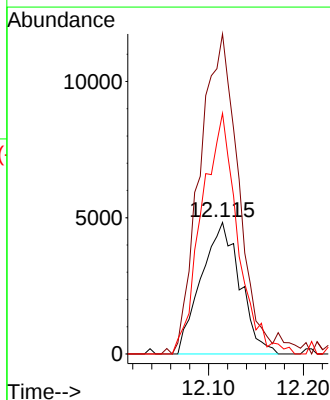
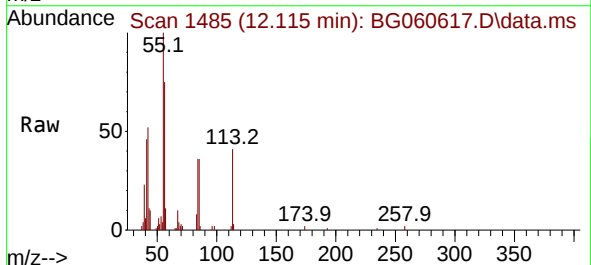
Manual Integrations
APPROVED

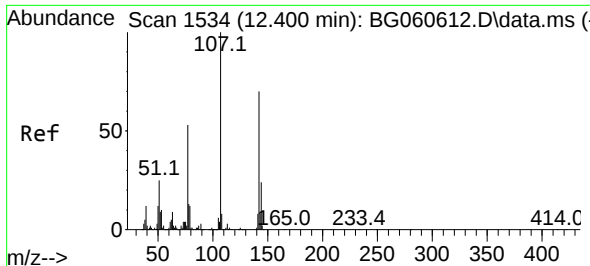
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#34
Caprolactam
Concen: 5.391 ng/ul
RT: 12.115 min Scan# 1485
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:113 Resp: 13741
Ion Ratio Lower Upper
113 100
55 243.2 197.0 295.6
56 182.9 142.6 214.0





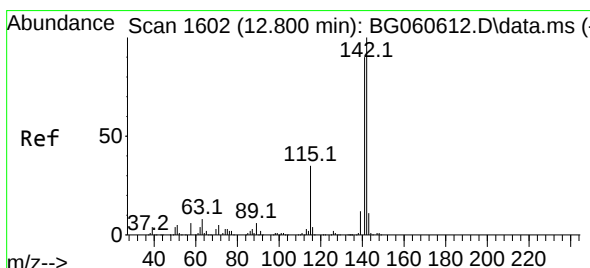
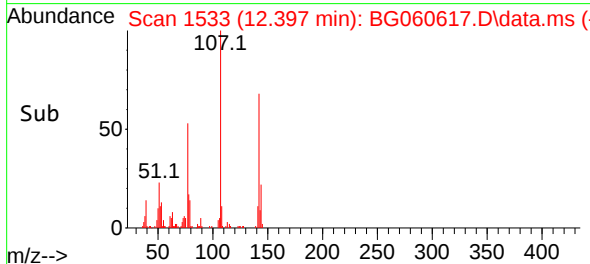
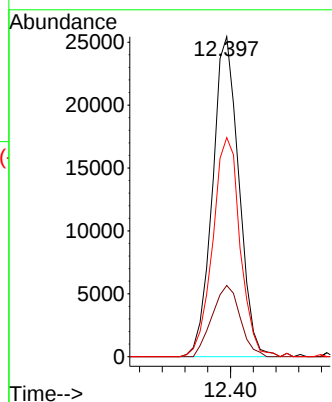
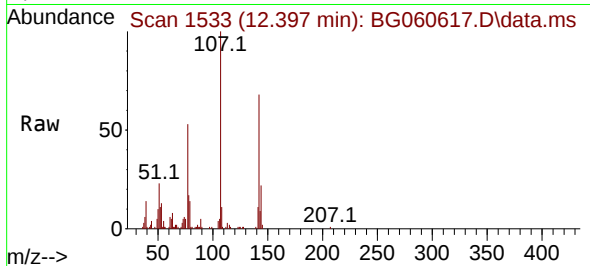
#35
4-Chloro-3-methylphenol
Concen: 4.579 ng/ul
RT: 12.397 min Scan# 1533
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion:107 Resp: 40910
Ion Ratio Lower Upper
107 100
144 22.2 18.7 28.1
142 68.5 56.9 85.3

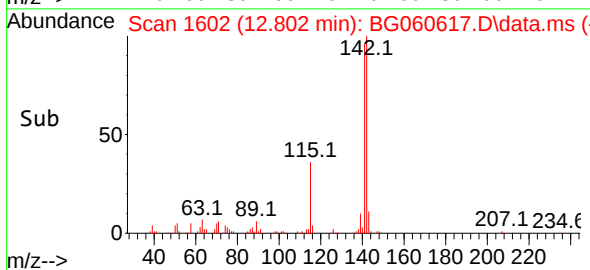
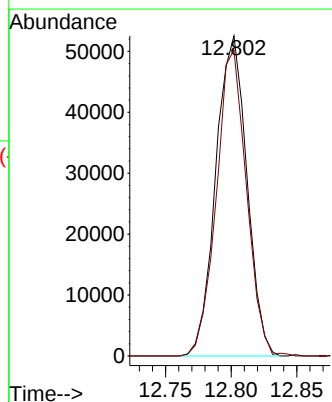
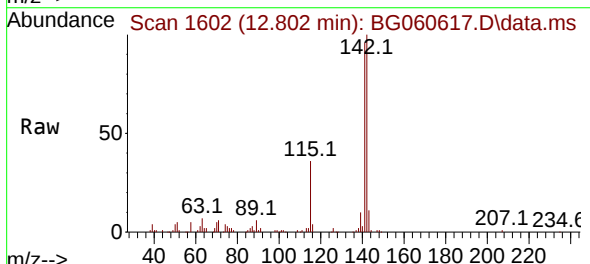
Manual Integrations
APPROVED

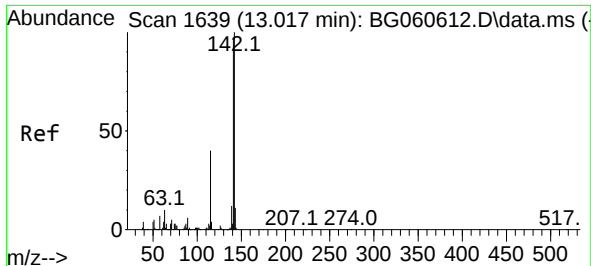
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#36
2-Methylnaphthalene
Concen: 4.836 ng/ul
RT: 12.802 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

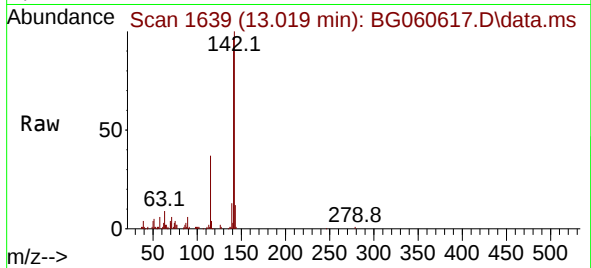
Tgt Ion:142 Resp: 86511
Ion Ratio Lower Upper
142 100
141 95.7 71.2 106.8





#37
1-Methylnaphthalene
Concen: 4.920 ng/ul
RT: 13.019 min Scan# 1639
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

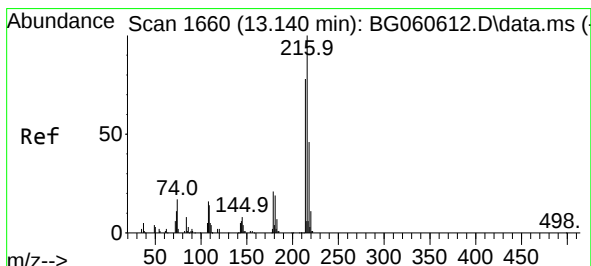
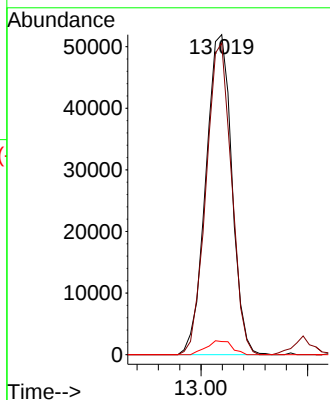
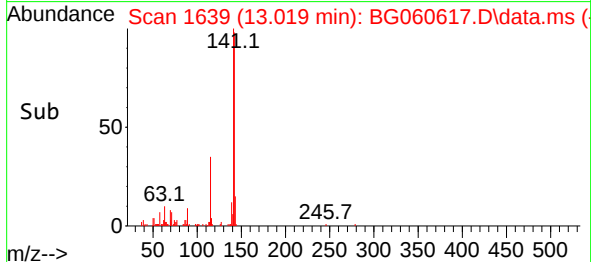
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



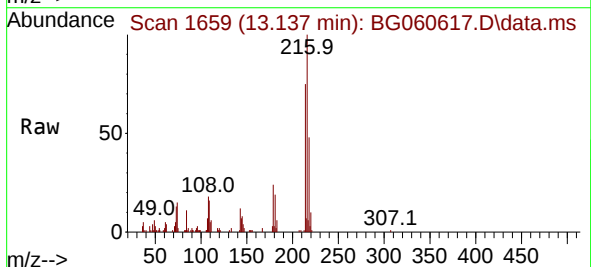
Tgt Ion:142 Resp: 8816
Ion Ratio Lower Upper
142 100
141 97.4 73.1 109.7
116 4.1 3.8 5.6

Manual Integrations
APPROVED

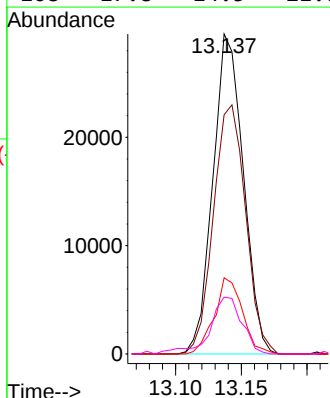
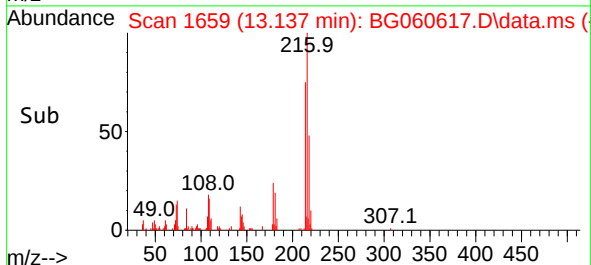
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

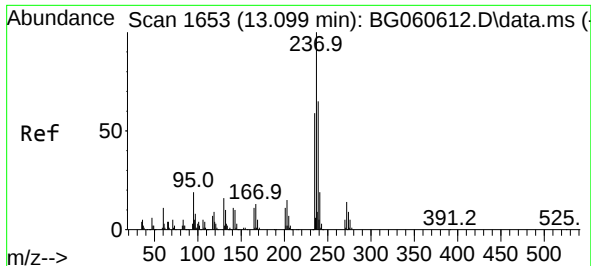


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.640 ng/ul
RT: 13.137 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



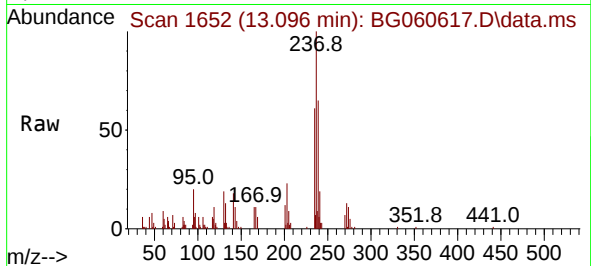
Tgt Ion:216 Resp: 47692
Ion Ratio Lower Upper
216 100
214 74.7 64.6 96.8
179 23.8 16.1 24.1
108 17.8 14.5 21.7





#40
Hexachlorocyclopentadiene
Concen: 4.126 ng/ul
RT: 13.096 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

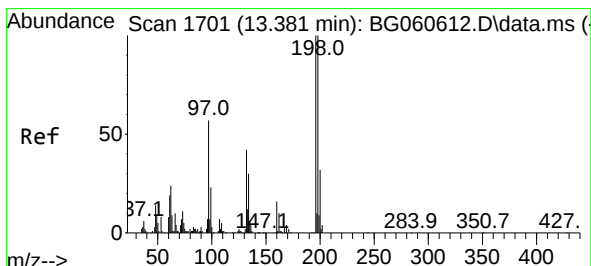
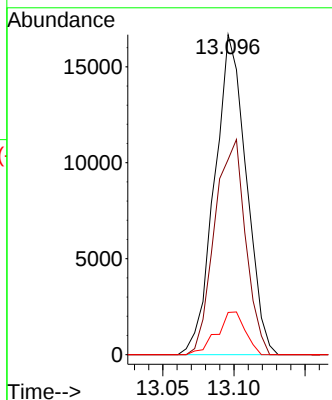
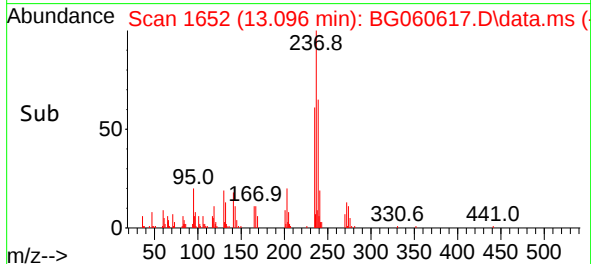
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:237 Resp: 25820
Ion Ratio Lower Upper
237 100
235 61.0 53.0 79.4
272 13.2 11.5 17.3

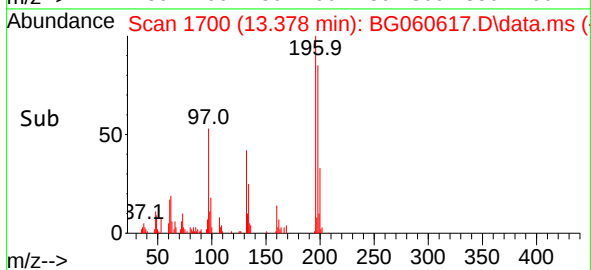
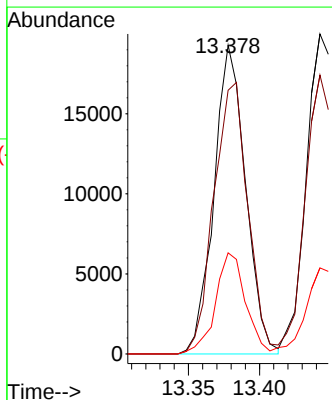
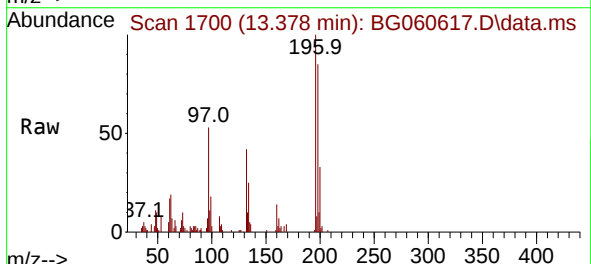
Manual Integrations
APPROVED

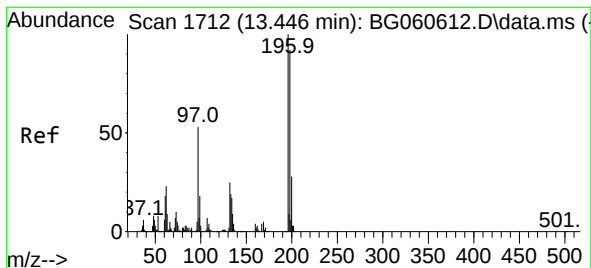
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#41
2,4,6-Trichlorophenol
Concen: 4.670 ng/ul
RT: 13.378 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

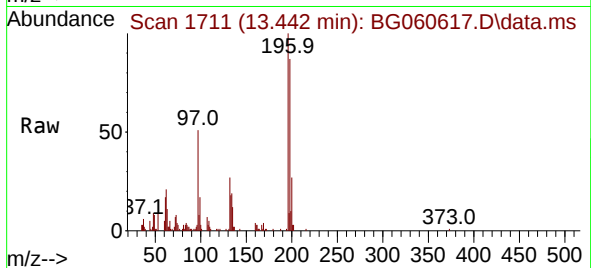
Tgt Ion:196 Resp: 29884
Ion Ratio Lower Upper
196 100
198 85.4 77.2 115.8
200 32.7 25.7 38.5





#42
2,4,5-Trichlorophenol
Concen: 4.658 ng/ul
RT: 13.442 min Scan# 1711
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

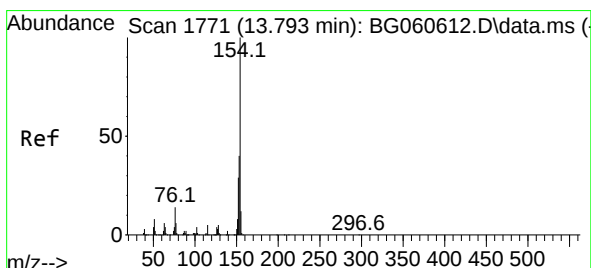
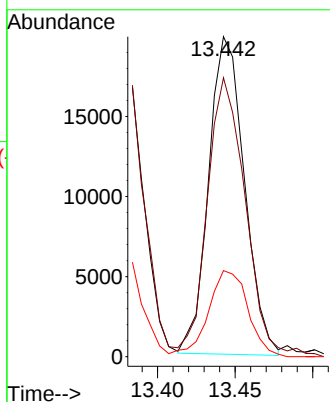
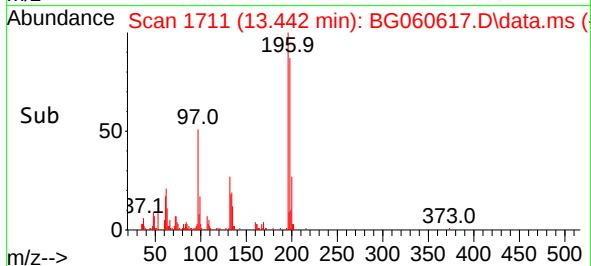
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:196 Resp: 3179
Ion Ratio Lower Upper
196 100
198 87.1 76.7 115.1
200 26.9 22.4 33.6

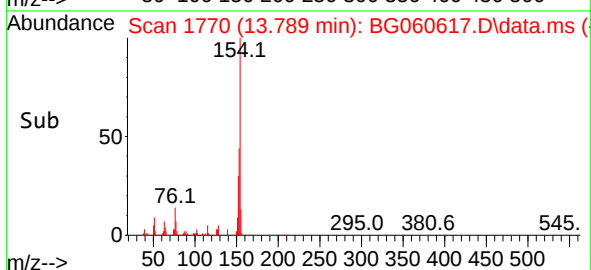
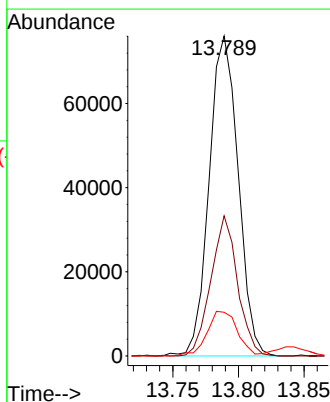
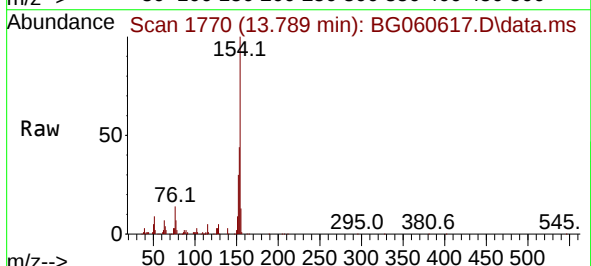
Manual Integrations
APPROVED

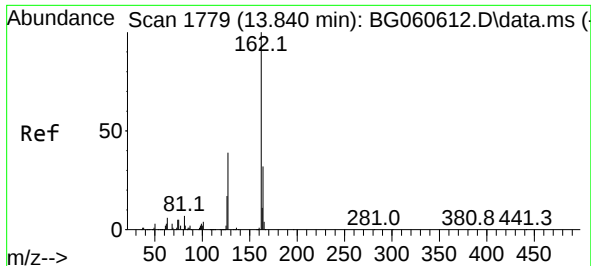
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#43
1,1'-Biphenyl
Concen: 4.653 ng/ul
RT: 13.789 min Scan# 1770
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

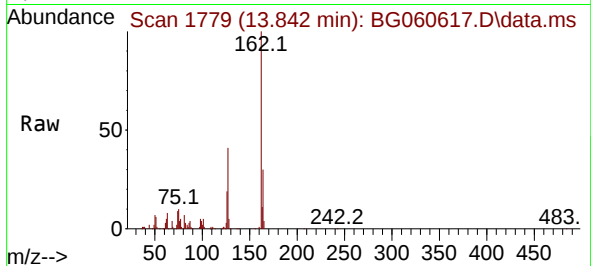
Tgt Ion:154 Resp: 116639
Ion Ratio Lower Upper
154 100
153 43.8 32.6 49.0
76 13.6 12.0 18.0





#44
2-Chloronaphthalene
Concen: 4.762 ng/ul
RT: 13.842 min Scan# 1779
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

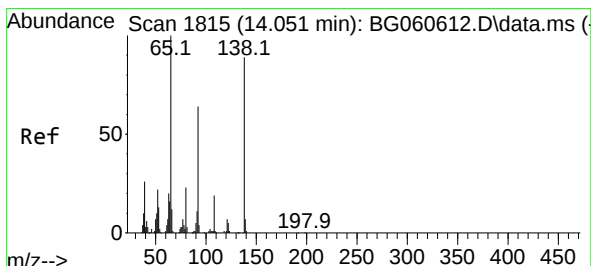
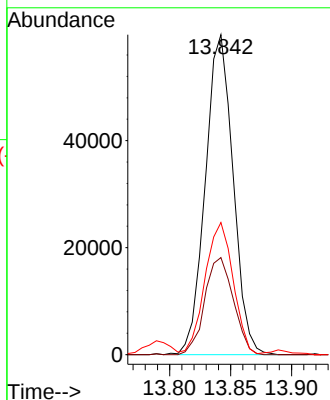
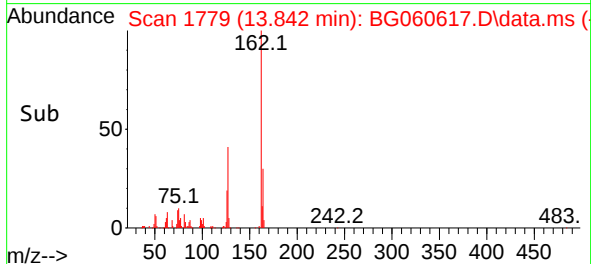
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:162 Resp: 94739
Ion Ratio Lower Upper
162 100
164 30.4 23.8 35.8
127 41.3 32.7 49.1

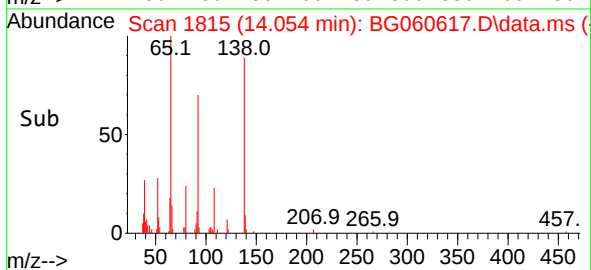
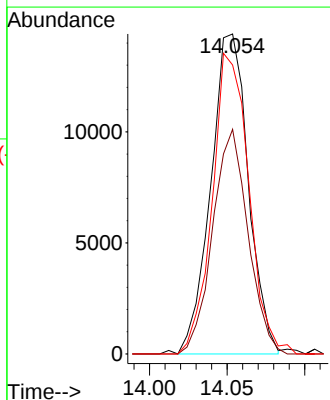
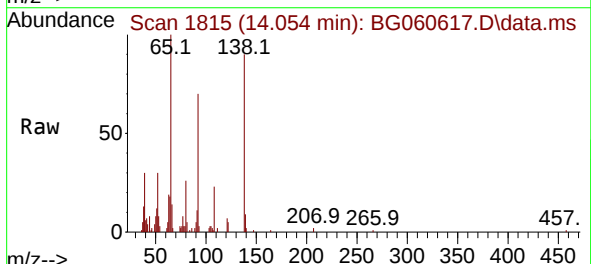
Manual Integrations
APPROVED

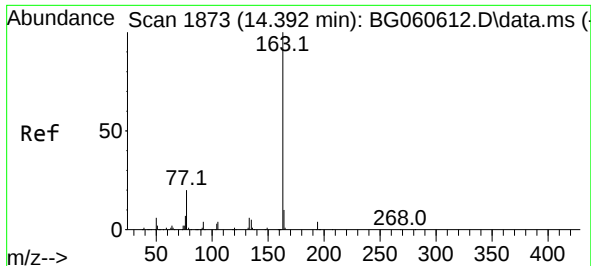
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#45
2-Nitroaniline
Concen: 4.450 ng/ul
RT: 14.054 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

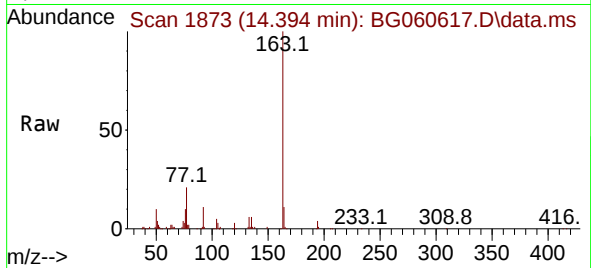
Tgt Ion: 65 Resp: 24187
Ion Ratio Lower Upper
65 100
92 70.2 50.2 75.4
138 90.3 74.3 111.5





#47
Dimethylphthalate
Concen: 4.833 ng/ul
RT: 14.394 min Scan# 1873
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

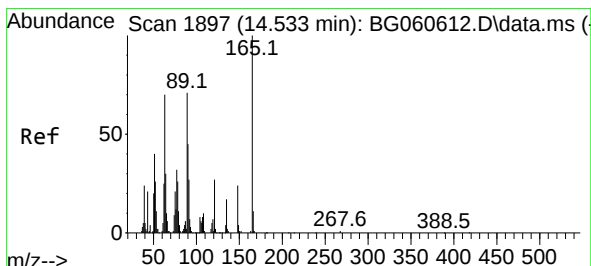
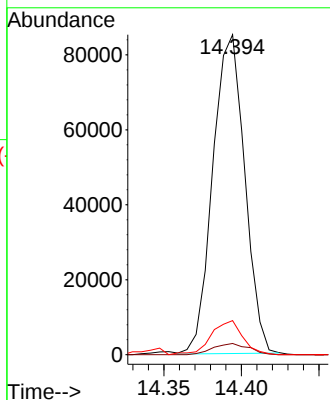
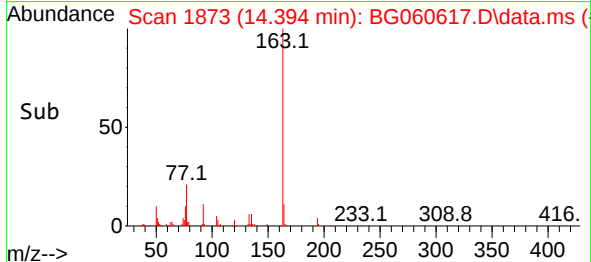
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



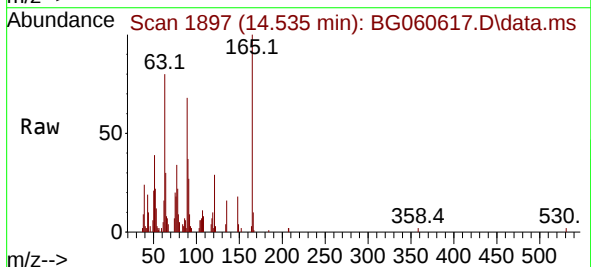
Tgt Ion:163 Resp: 121764
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.7 8.4 12.6

Manual Integrations
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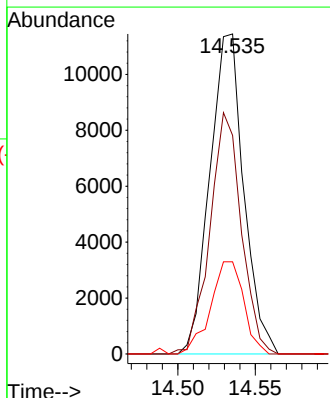
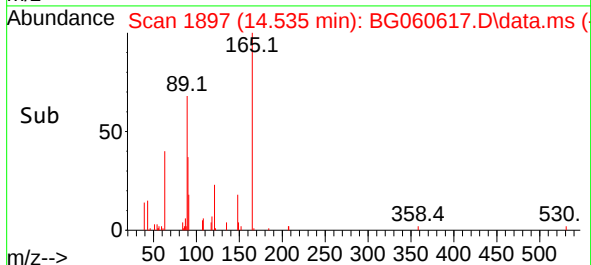
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

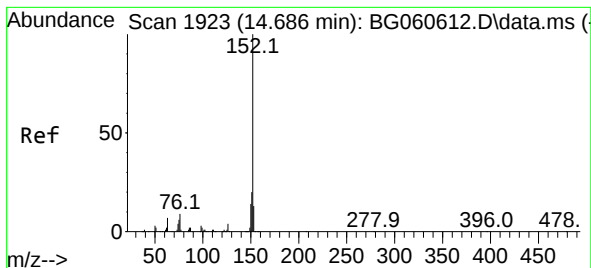


#48
2,6-Dinitrotoluene
Concen: 4.815 ng/ul
RT: 14.535 min Scan# 1897
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



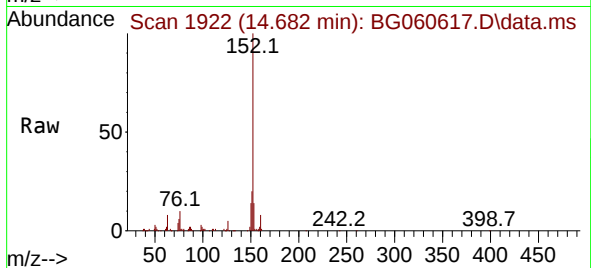
Tgt Ion:165 Resp: 17432
Ion Ratio Lower Upper
165 100
89 68.3 57.8 86.8
121 28.8 16.6 25.0#





#50
Acenaphthylene
Concen: 4.889 ng/ul
RT: 14.682 min Scan# 1922
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

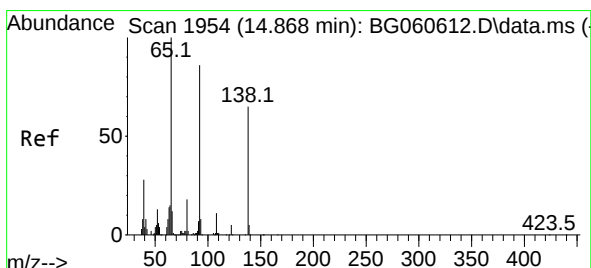
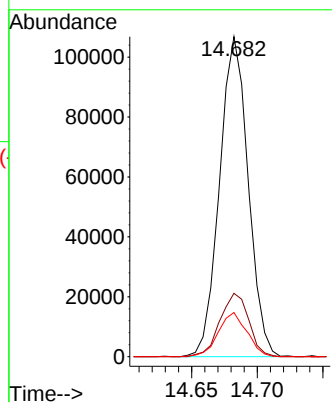
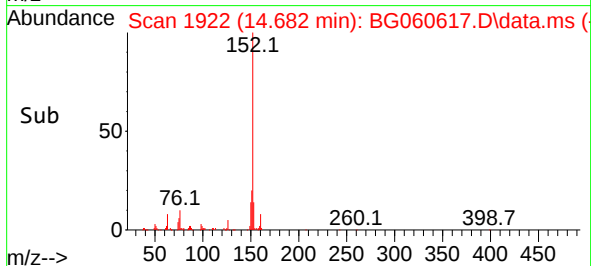
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:152 Resp: 16196
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.8 10.7 16.1

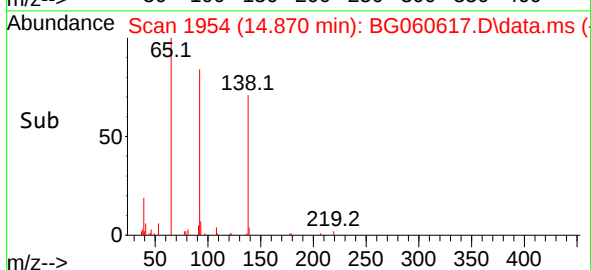
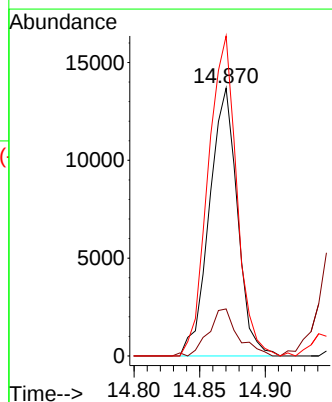
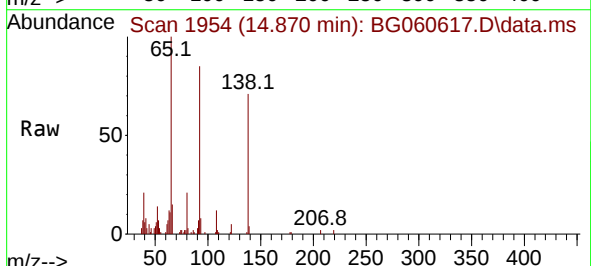
Manual Integrations
APPROVED

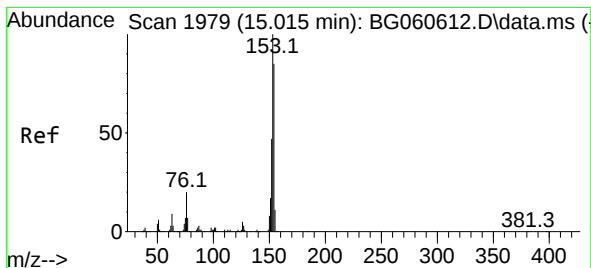
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#51
3-Nitroaniline
Concen: 4.776 ng/ul
RT: 14.870 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

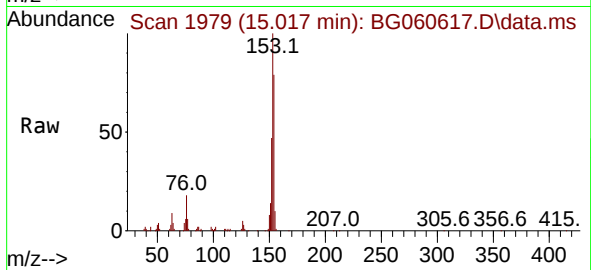
Tgt Ion:138 Resp: 20372
Ion Ratio Lower Upper
138 100
108 17.6 12.6 18.8
92 119.4 96.2 144.2





#52
Acenaphthene
Concen: 4.869 ng/ul
RT: 15.017 min Scan# 1979
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

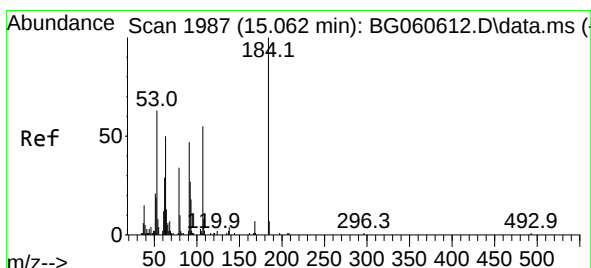
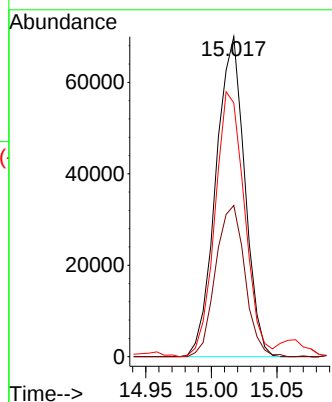
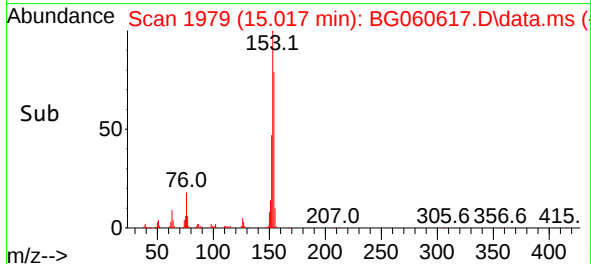
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



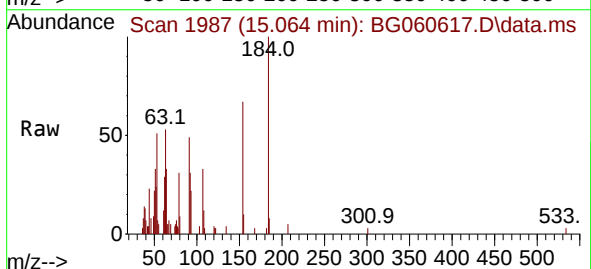
Tgt Ion:153 Resp: 107078
Ion Ratio Lower Upper
153 100
152 47.2 37.5 56.3
154 79.3 67.7 101.5

Manual Integrations
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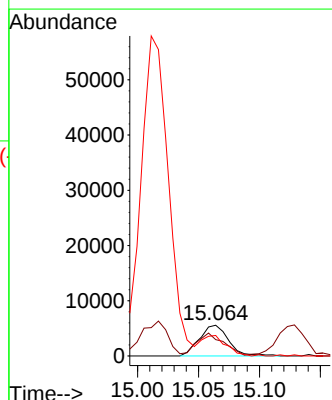
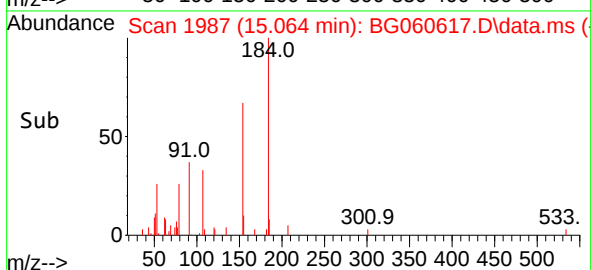
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

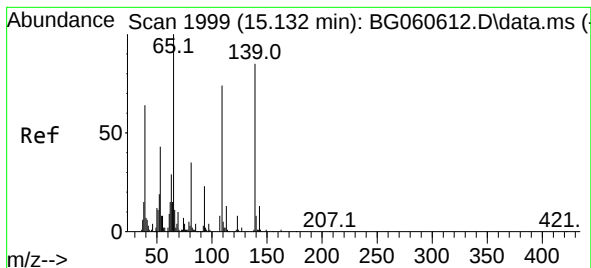


#53
2,4-Dinitrophenol
Concen: 5.030 ng/ul
RT: 15.064 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



Tgt Ion:184 Resp: 9262
Ion Ratio Lower Upper
184 100
63 53.2 65.4 98.2#
154 67.0 54.4 81.6





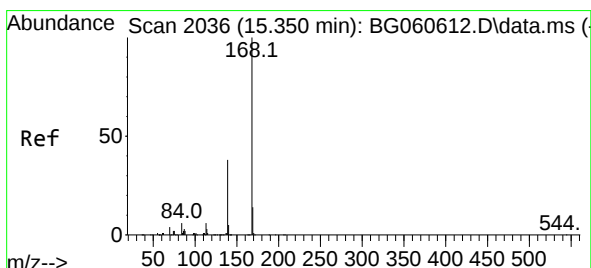
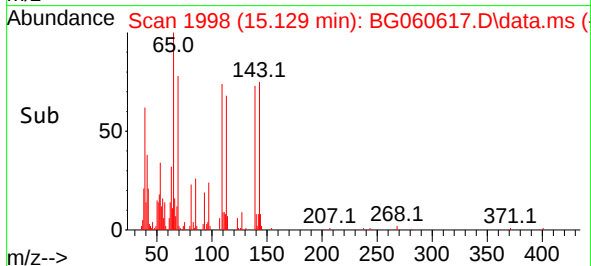
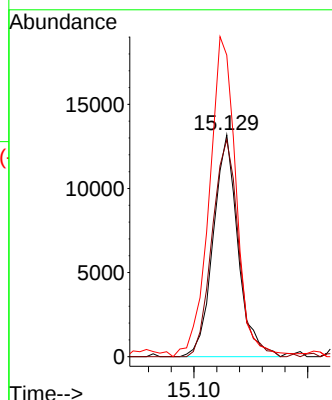
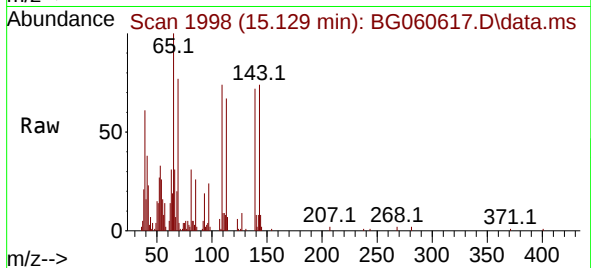
#55
4-Nitrophenol
Concen: 5.540 ng/ul
RT: 15.129 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion:109 Resp: 1996
Ion Ratio Lower Upper
109 100
139 97.8 93.0 139.4
65 136.0 111.8 167.8

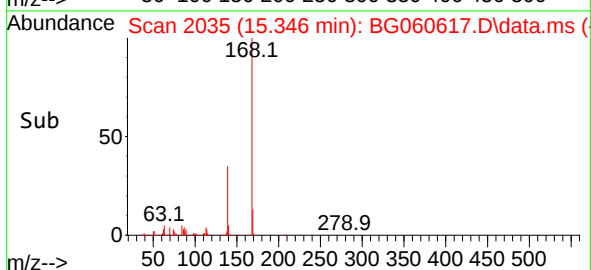
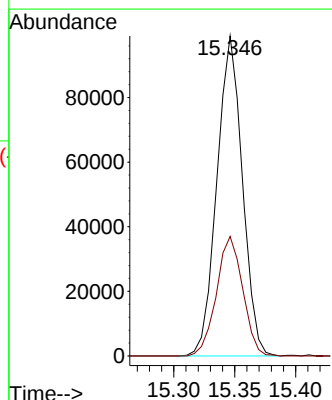
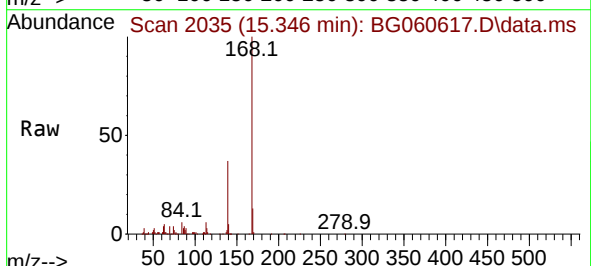
Manual Integrations
APPROVED

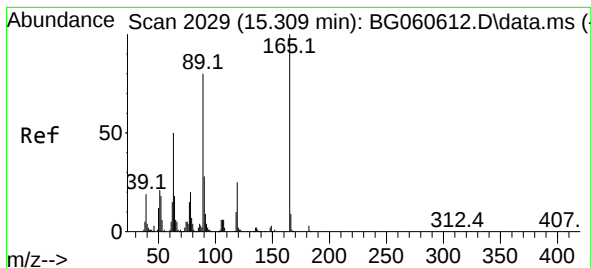
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#56
Dibenzofuran
Concen: 4.876 ng/ul
RT: 15.346 min Scan# 2035
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

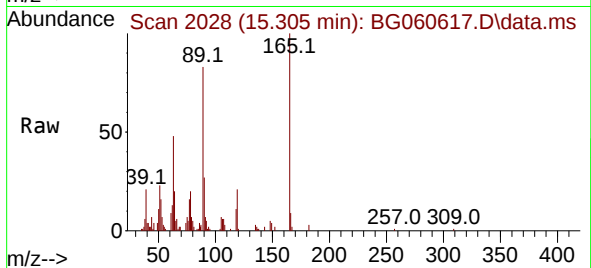
Tgt Ion:168 Resp: 143929
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 5.175 ng/ul
RT: 15.305 min Scan# 2028
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

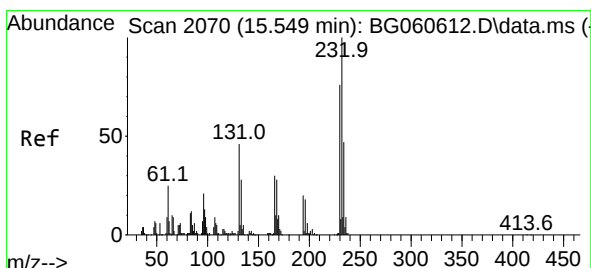
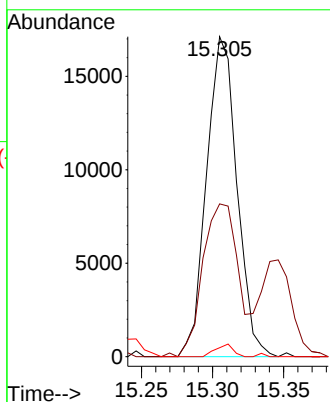
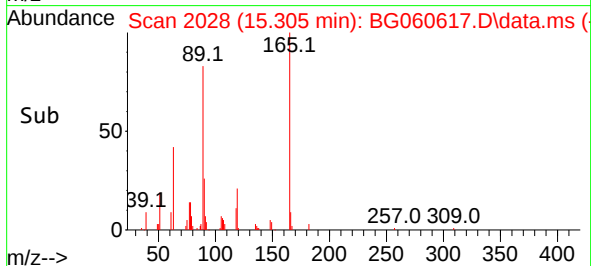
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:165 Resp: 25458
Ion Ratio Lower Upper
165 100
63 47.7 39.8 59.8
182 2.8 2.3 3.5

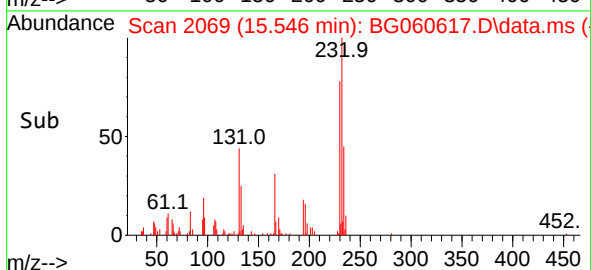
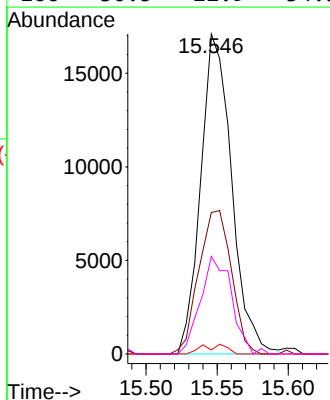
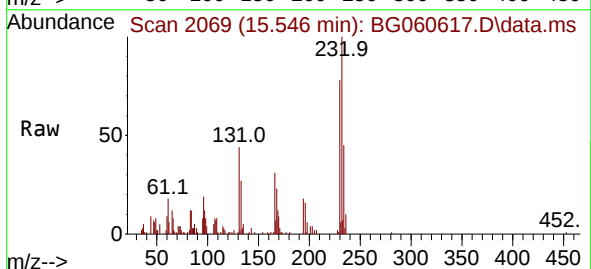
Manual Integrations
APPROVED

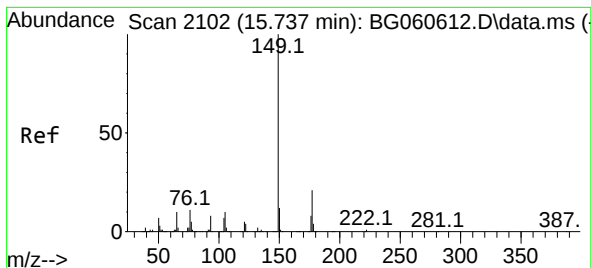
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.457 ng/ul
RT: 15.546 min Scan# 2069
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

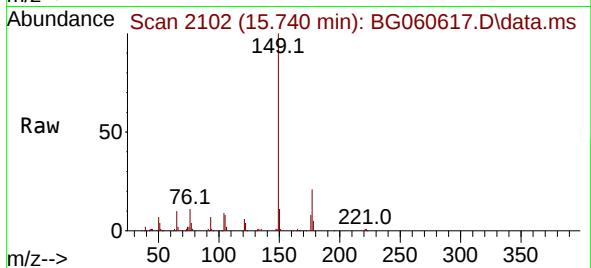
Tgt Ion:232 Resp: 25913
Ion Ratio Lower Upper
232 100
131 44.2 36.2 54.2
130 1.2 2.2 3.2#
166 30.5 22.9 34.3





#59
Diethylphthalate
Concen: 5.018 ng/ul
RT: 15.740 min Scan# 2102
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

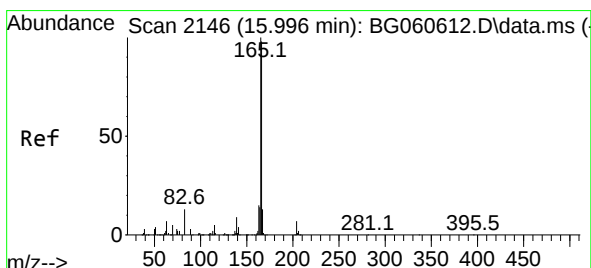
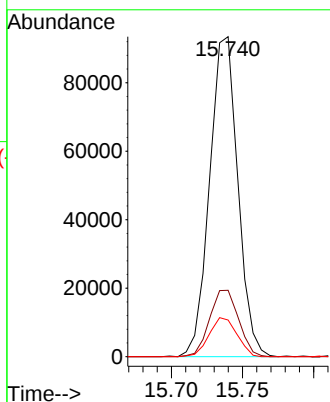
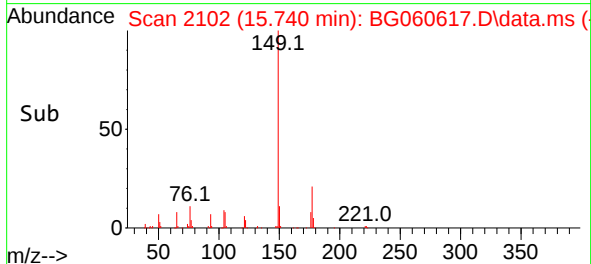
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



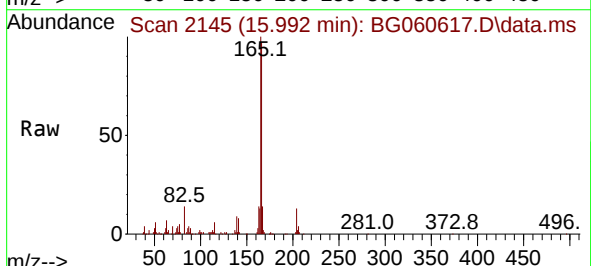
Tgt Ion:149 Resp: 12894
Ion Ratio Lower Upper
149 100
177 20.7 17.3 25.9
150 11.4 9.4 14.0

Manual Integrations
APPROVED

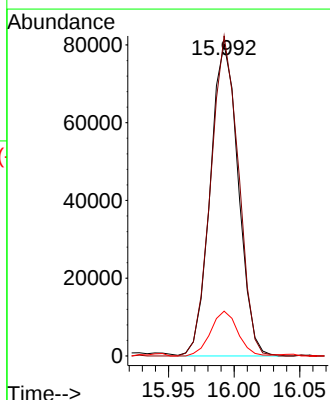
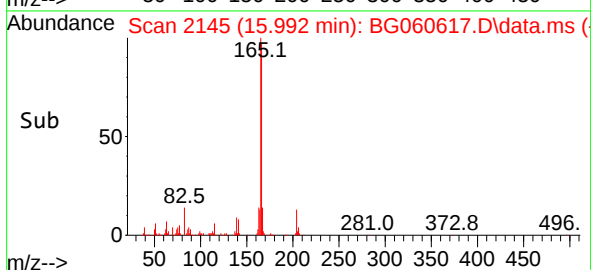
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

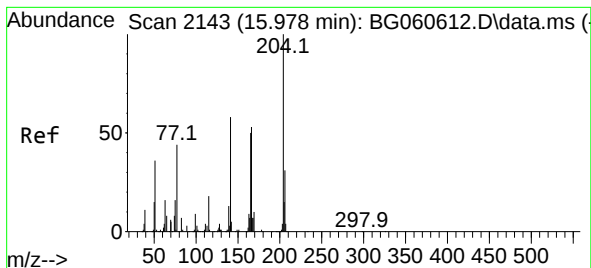


#61
Fluorene
Concen: 4.883 ng/ul
RT: 15.992 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



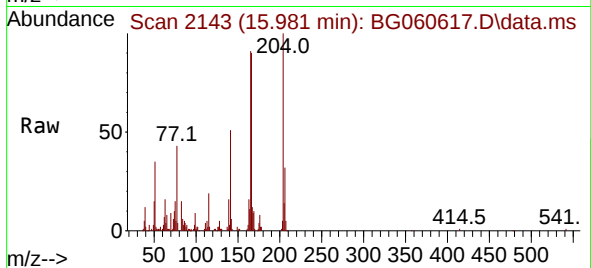
Tgt Ion:166 Resp: 119418
Ion Ratio Lower Upper
166 100
165 102.6 79.8 119.6
167 14.3 9.3 13.9#





#62
4-Chlorophenyl-phenylether
Concen: 4.926 ng/ul
RT: 15.981 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

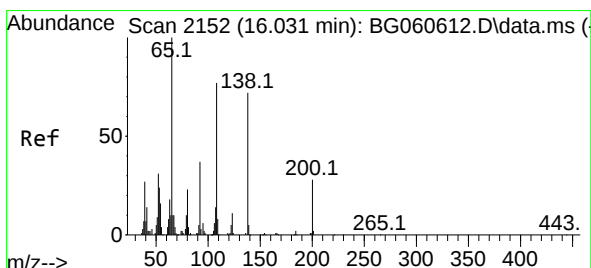
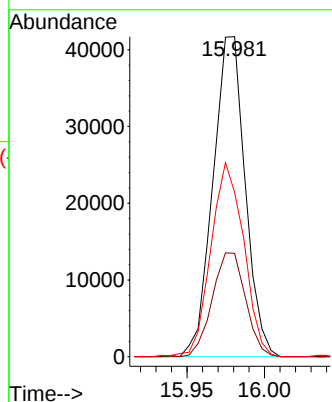
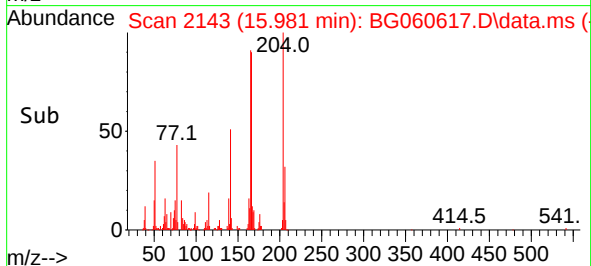
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



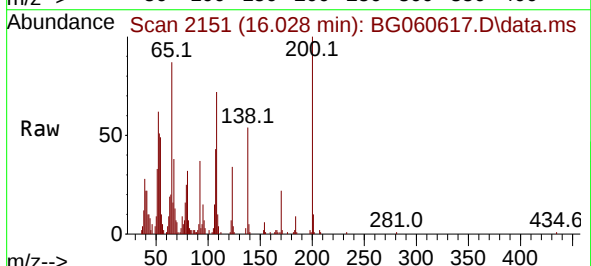
Tgt Ion:204 Resp: 60328
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 51.4 52.9 79.3

Manual Integrations
APPROVED

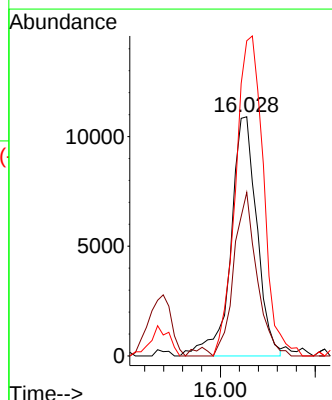
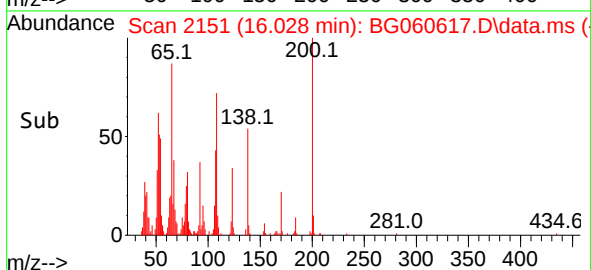
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

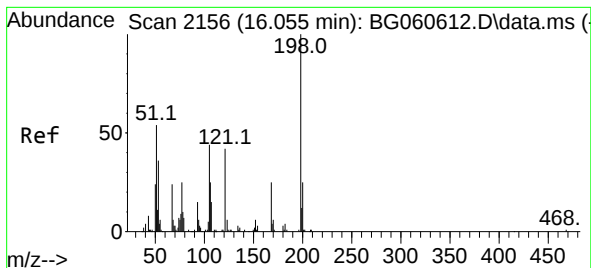


#63
4-Nitroaniline
Concen: 4.898 ng/ul
RT: 16.028 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02



Tgt Ion:138 Resp: 20810
Ion Ratio Lower Upper
138 100
92 68.4 46.9 70.3
108 131.8 80.0 120.0#





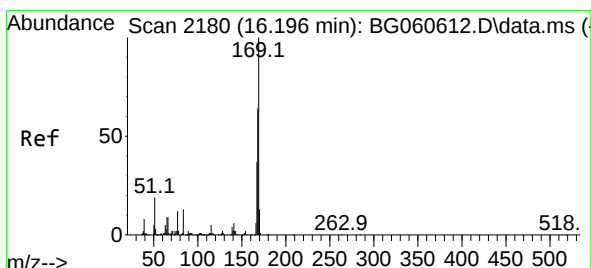
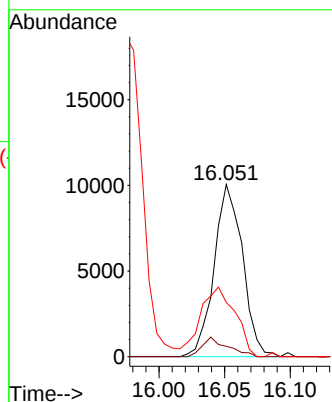
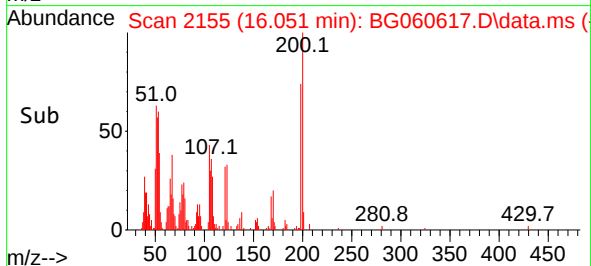
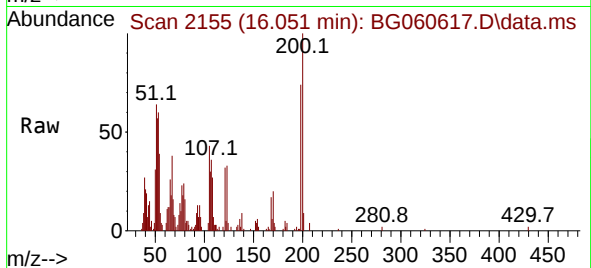
#66
4,6-Dinitro-2-methylphenol
Concen: 4.748 ng/ul
RT: 16.051 min Scan# 2156
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:198 Resp: 1512
Ion Ratio Lower Upper
198 100
182 6.1 5.3 7.9
77 31.5 22.2 33.4

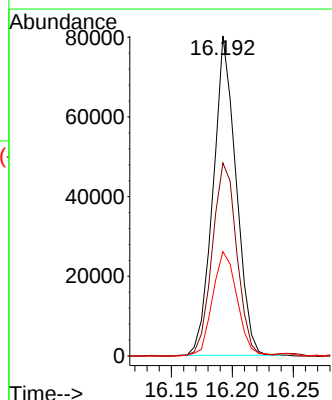
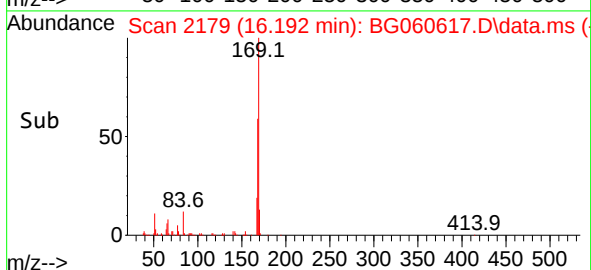
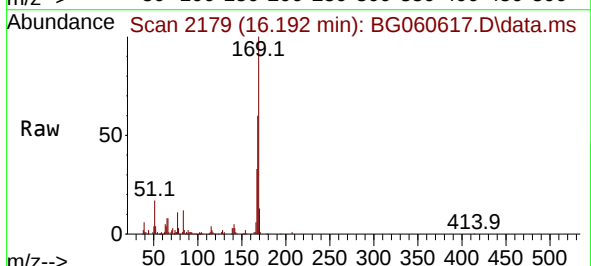
Manual Integrations
APPROVED

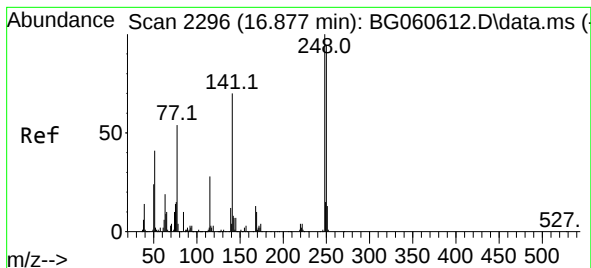
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#67
N-Nitrosodiphenylamine
Concen: 4.623 ng/ul
RT: 16.192 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

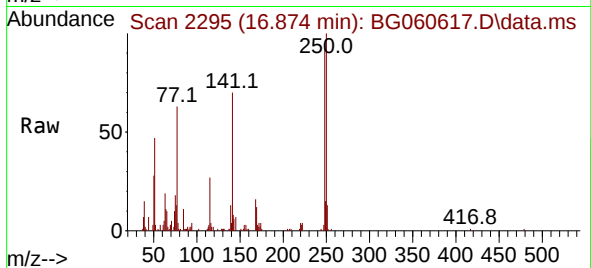
Tgt Ion:169 Resp: 104977
Ion Ratio Lower Upper
169 100
168 60.3 48.6 73.0
167 32.6 27.8 41.6





#68
4-Bromophenyl-phenylether
Concen: 4.353 ng/ul
RT: 16.874 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

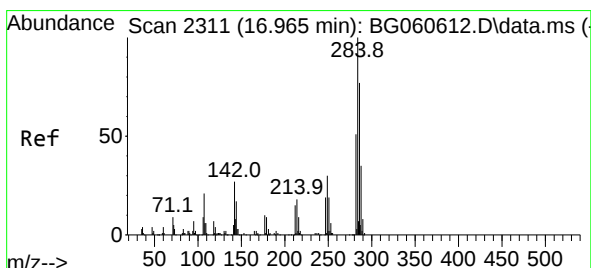
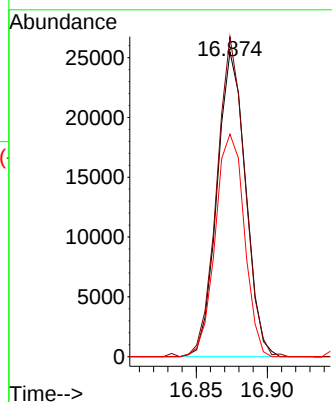
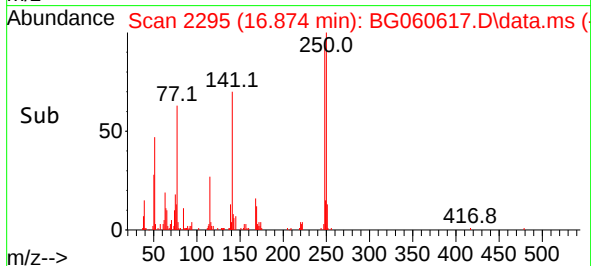
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:248 Resp: 3556
Ion Ratio Lower Upper
248 100
250 105.0 75.1 112.7
141 73.0 55.0 82.4

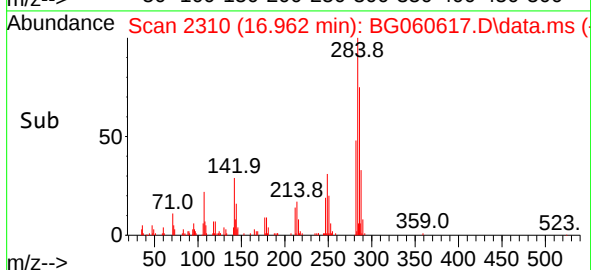
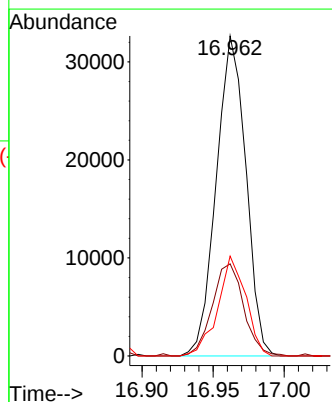
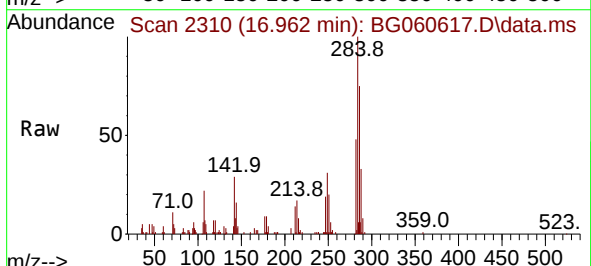
Manual Integrations
APPROVED

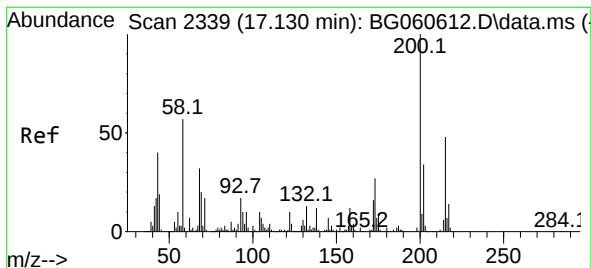
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#69
Hexachlorobenzene
Concen: 4.838 ng/ul
RT: 16.962 min Scan# 2310
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:284 Resp: 47262
Ion Ratio Lower Upper
284 100
142 28.8 24.9 37.3
249 31.2 22.7 34.1





#70

Atrazine

Concen: 5.683 ng/ul

RT: 17.126 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

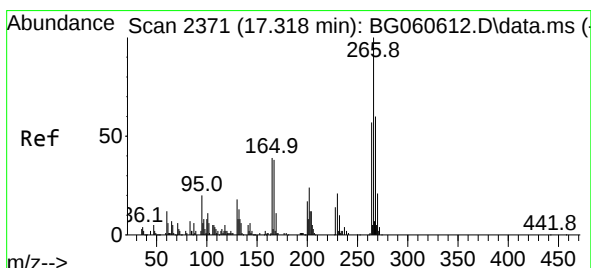
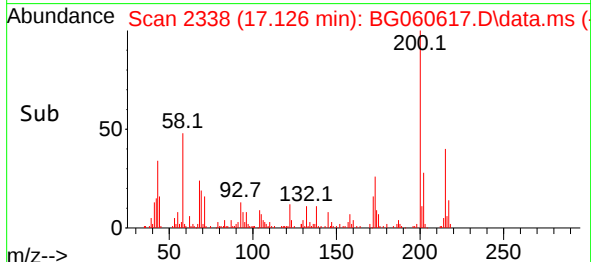
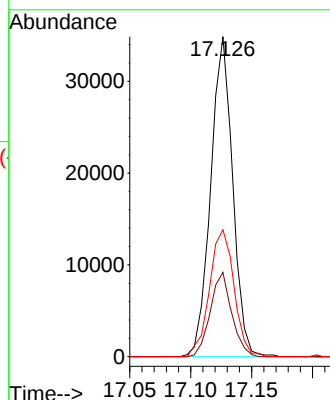
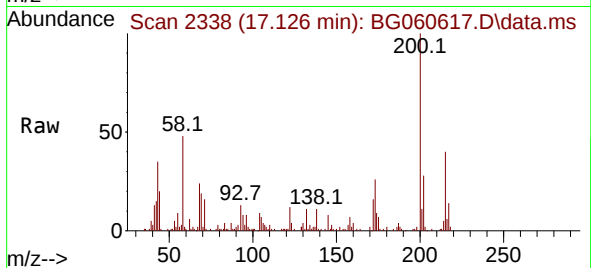
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:	200	Resp:	4372
Ion Ratio	Lower	Upper	
200	100		
173	26.3	22.4	33.6
215	39.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#71

Pentachlorophenol

Concen: 4.634 ng/ul

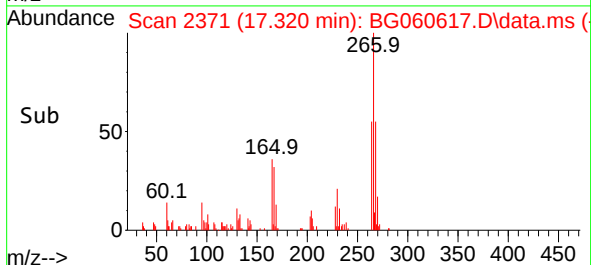
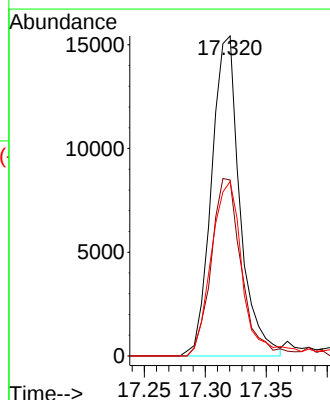
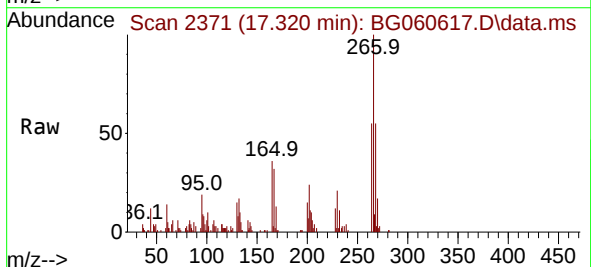
RT: 17.320 min Scan# 2371

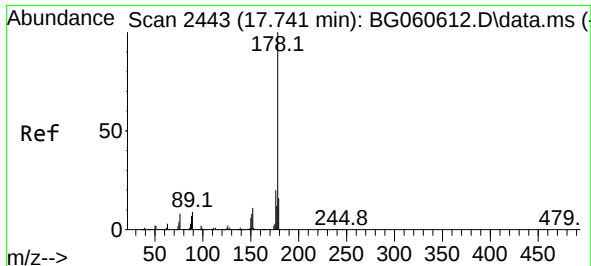
Delta R.T. 0.005 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

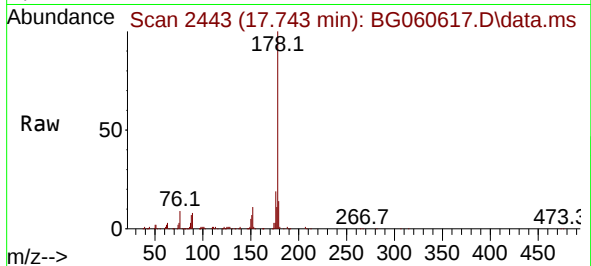
Tgt Ion:	266	Resp:	24943
Ion Ratio	Lower	Upper	
266	100		
264	55.0	54.6	81.8
268	54.5	50.3	75.5





#72
Phenanthrene
Concen: 4.693 ng/ul
RT: 17.743 min Scan# 2443
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

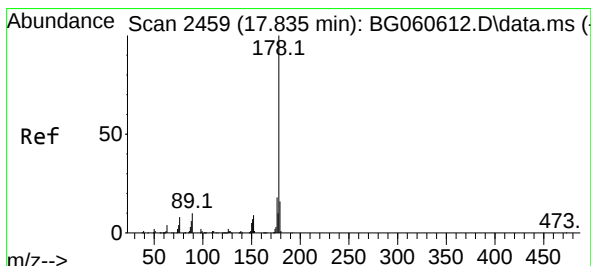
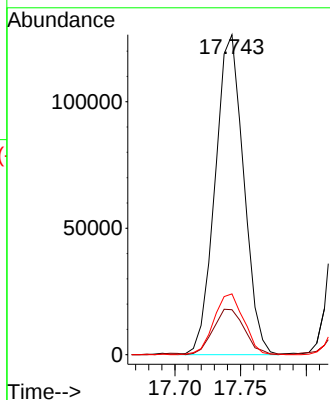
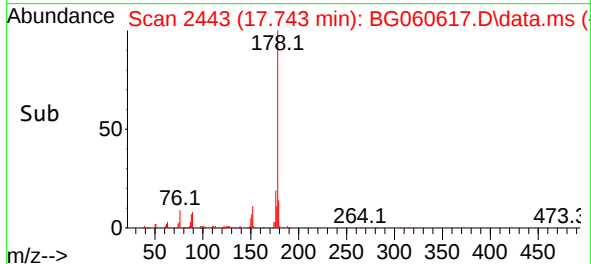
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:178 Resp: 191420
Ion Ratio Lower Upper
178 100
179 14.1 11.5 17.3
176 19.0 14.6 22.0

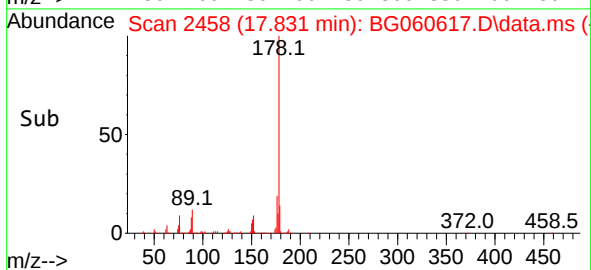
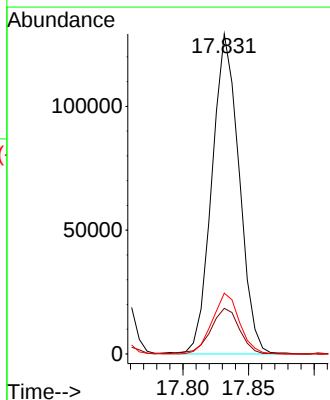
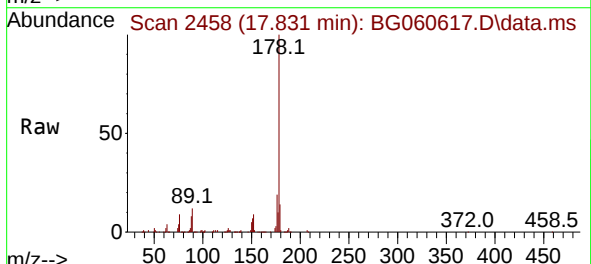
Manual Integrations
APPROVED

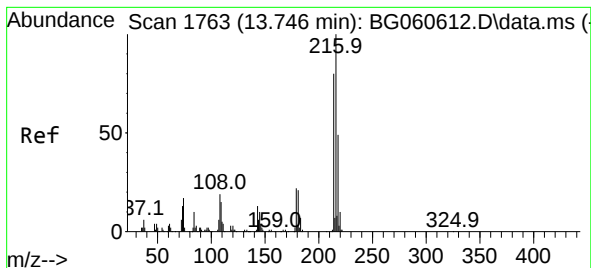
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#74
Anthracene
Concen: 4.484 ng/ul
RT: 17.831 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:178 Resp: 186273
Ion Ratio Lower Upper
178 100
179 14.2 12.4 18.6
176 19.0 15.4 23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.445 ng/uL

RT: 13.748 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

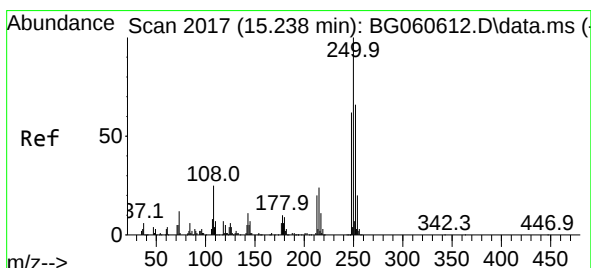
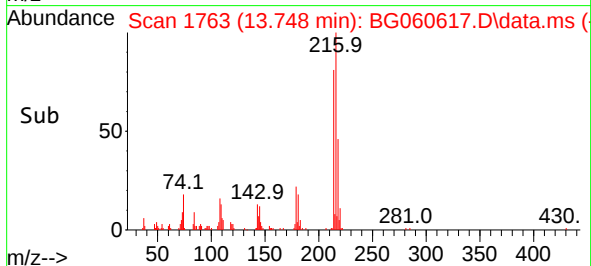
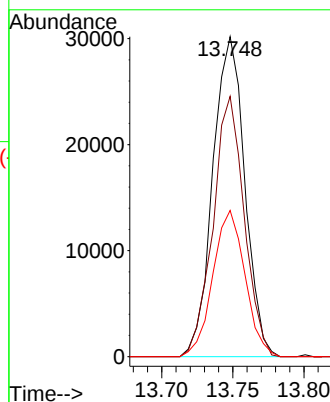
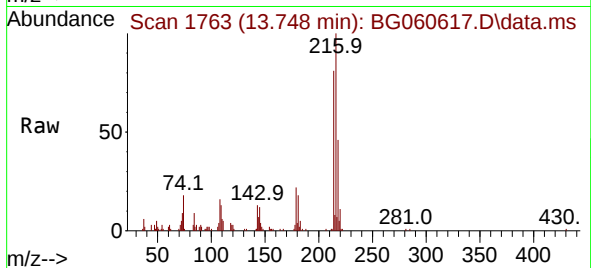
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:	216	Resp:	47192
Ion Ratio	Lower	Upper	
216	100		
214	81.4	62.3	93.5
218	45.7	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#76

Pentachlorobenzene

Concen: 4.851 ng/uL

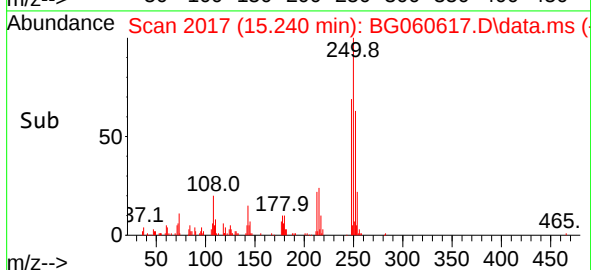
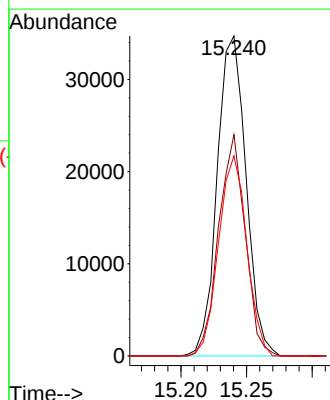
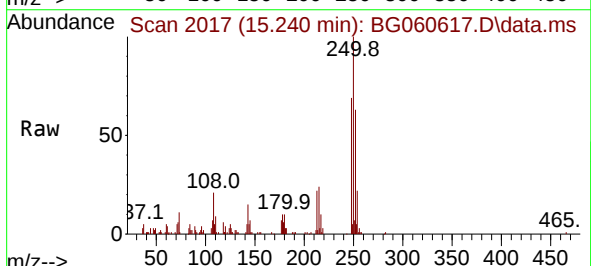
RT: 15.240 min Scan# 2017

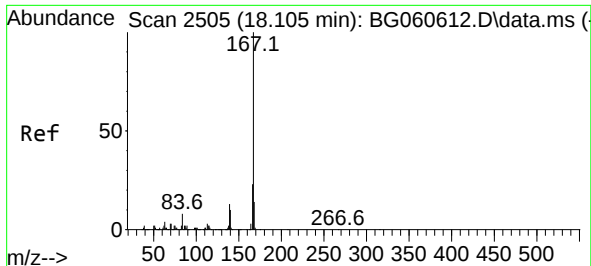
Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

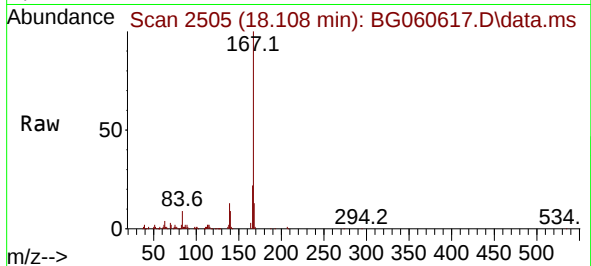
Tgt Ion:	250	Resp:	53025
Ion Ratio	Lower	Upper	
250	100		
248	69.2	50.2	75.4
252	62.6	50.8	76.2





#77
 Carbazole
 Concen: 4.670 ng/ul
 RT: 18.108 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG060617.D
 Acq: 12 Mar 2024 13:02

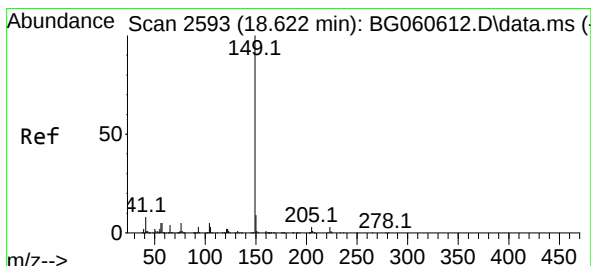
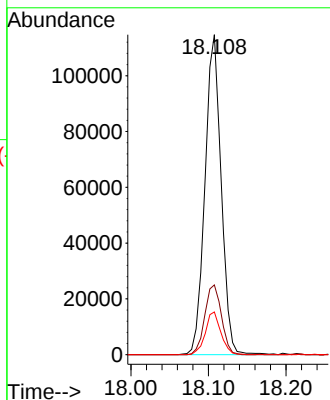
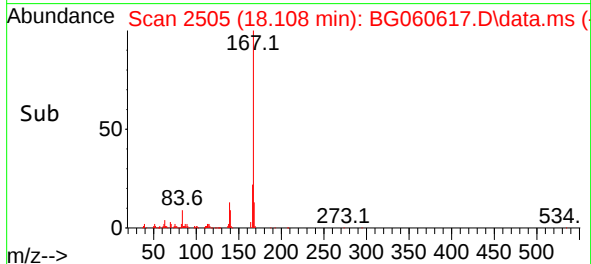
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-02



Tgt Ion:167 Resp: 16637
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.4 10.0 15.0

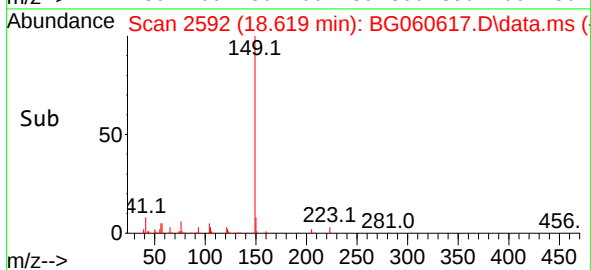
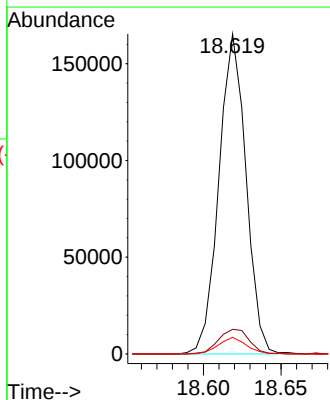
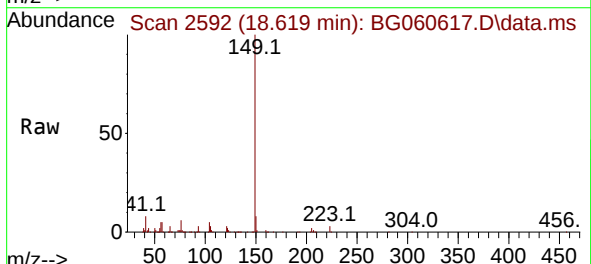
Manual Integrations
 APPROVED

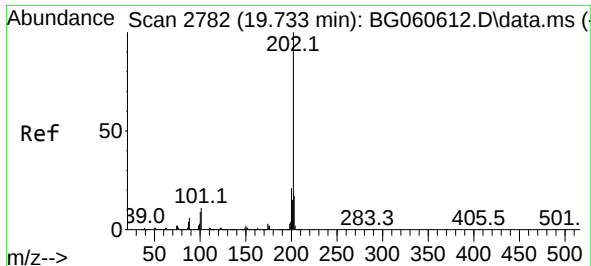
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



#78
 Di-n-butylphthalate
 Concen: 4.613 ng/ul
 RT: 18.619 min Scan# 2592
 Delta R.T. -0.001 min
 Lab File: BG060617.D
 Acq: 12 Mar 2024 13:02

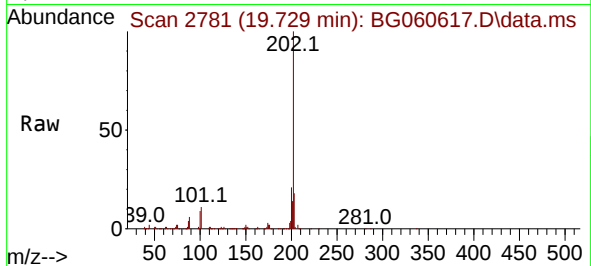
Tgt Ion:149 Resp: 200719
 Ion Ratio Lower Upper
 149 100
 150 7.7 7.8 11.6#
 104 5.2 4.5 6.7





#80
Fluoranthene
Concen: 4.722 ng/uI
RT: 19.729 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

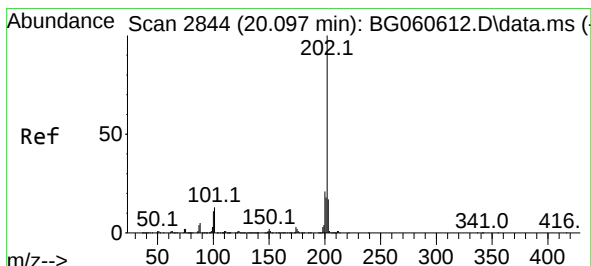
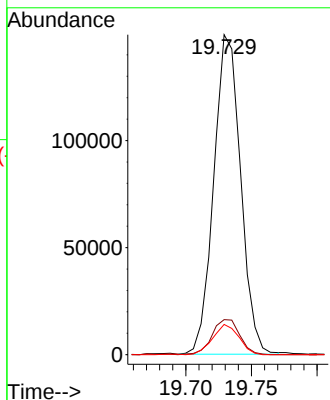
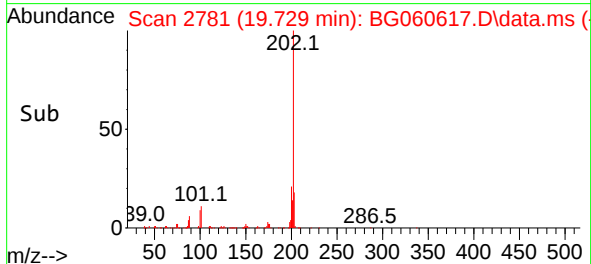
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:202 Resp: 212344
Ion Ratio Lower Upper
202 100
101 10.9 9.4 14.0
100 9.5 7.7 11.5

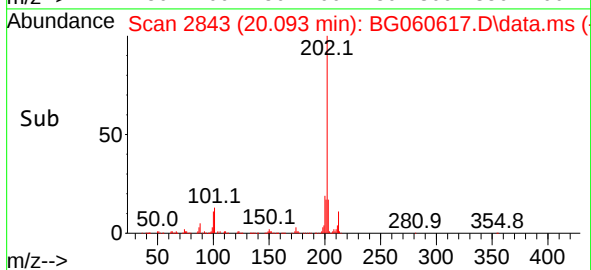
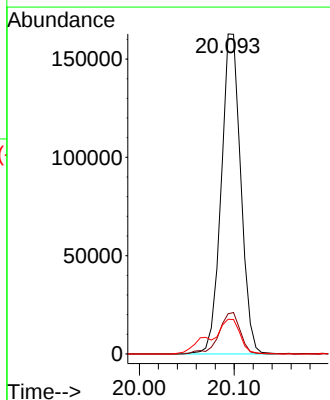
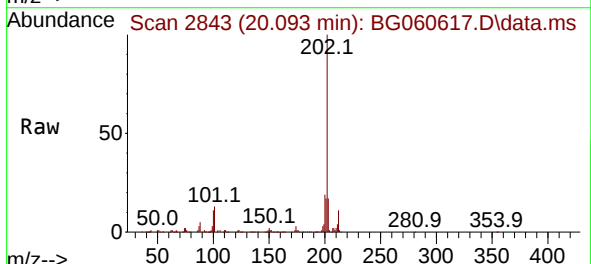
Manual Integrations
APPROVED

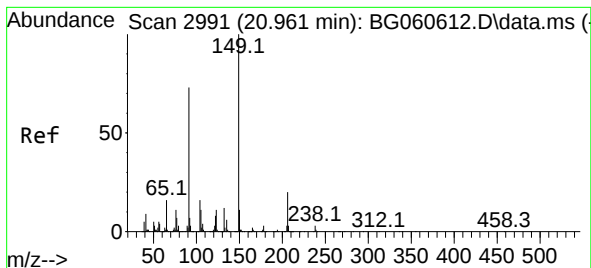
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#82
Pyrene
Concen: 4.970 ng/uI
RT: 20.093 min Scan# 2843
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:202 Resp: 234080
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.4
100 10.9 8.6 13.0





#83

Butylbenzylphthalate

Concen: 4.572 ng/ul

RT: 20.963 min Scan# 2991

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

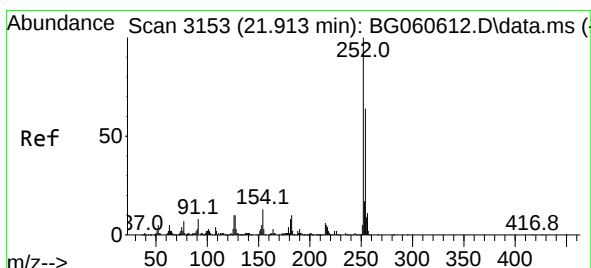
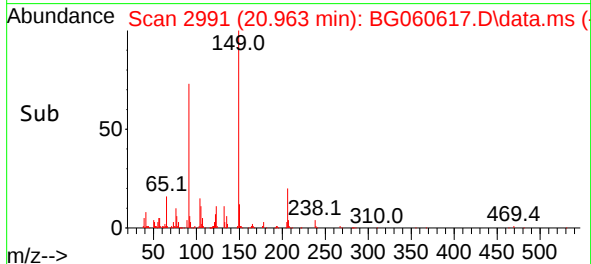
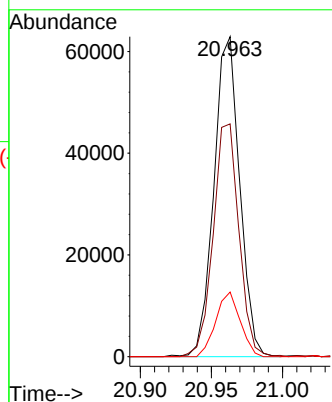
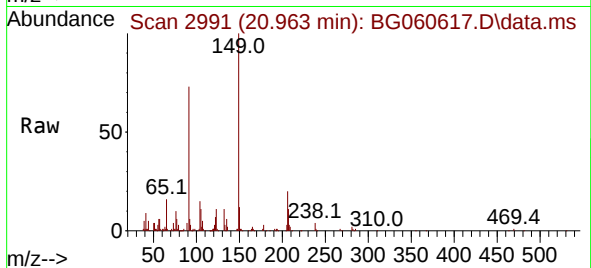
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:149	Resp:	79198
Ion Ratio	Lower	Upper
149	100	
91	72.8	58.0 87.0
206	20.2	17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#84

3,3'-Dichlorobenzidine

Concen: 5.280 ng/ul

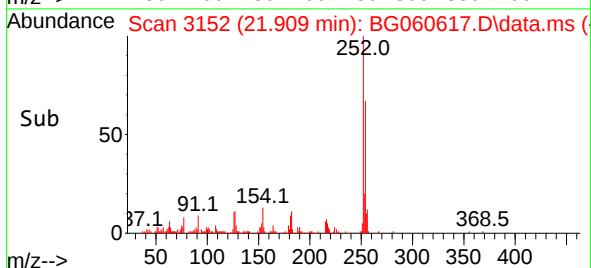
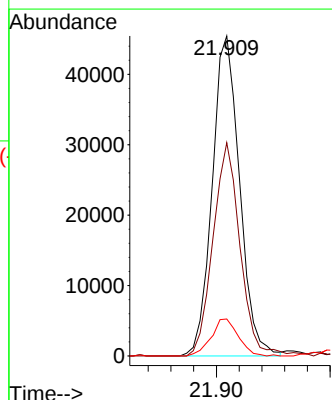
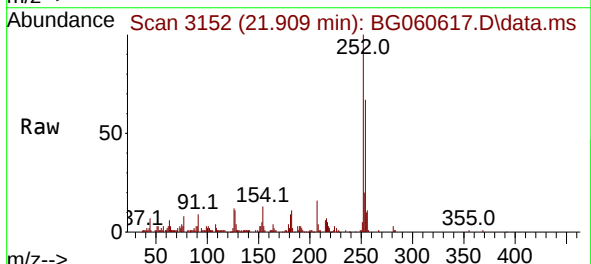
RT: 21.909 min Scan# 3152

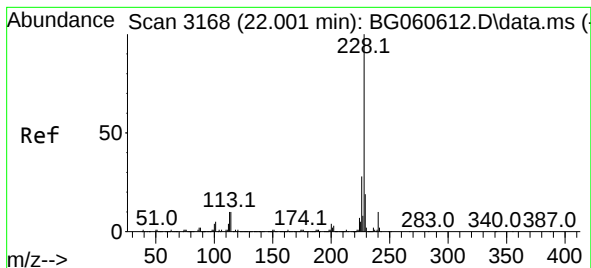
Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Tgt Ion:252	Resp:	75954
Ion Ratio	Lower	Upper
252	100	
254	66.6	53.0 79.4
126	11.6	9.0 13.4





#85

Benzo(a)anthracene

Concen: 4.777 ng/ul

RT: 21.997 min Scan# 3167

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

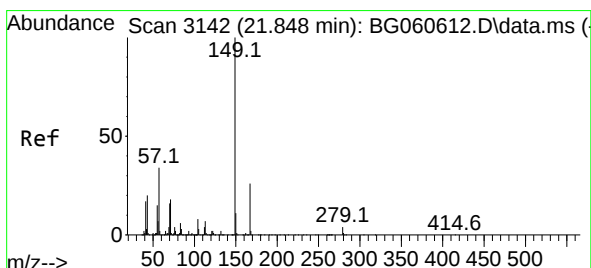
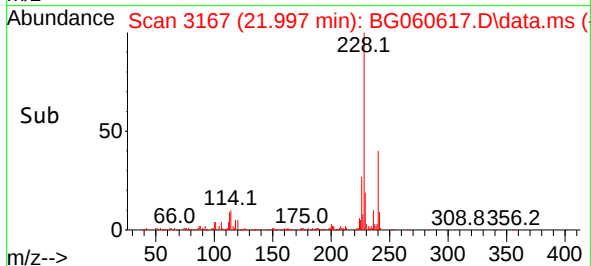
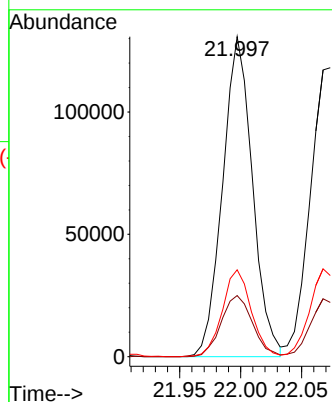
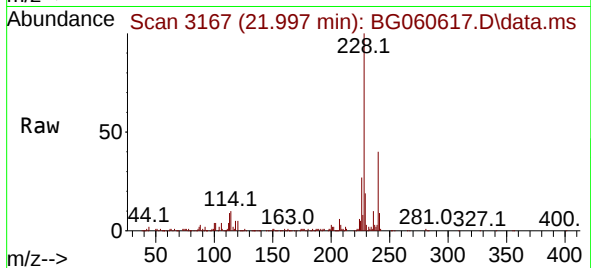
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:	228	Resp:	22316
Ion Ratio	Lower	Upper	
228	100		
229	19.1	15.2	22.8
226	27.2	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.264 ng/ul

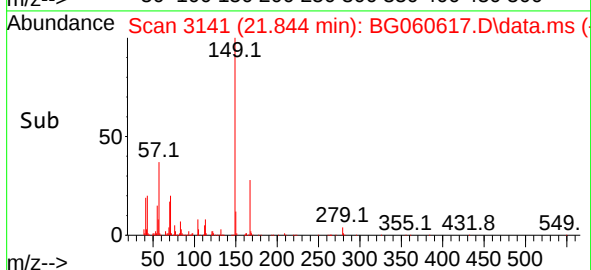
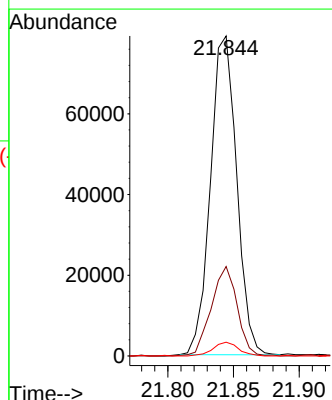
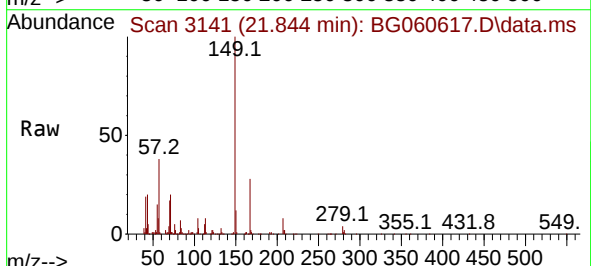
RT: 21.844 min Scan# 3141

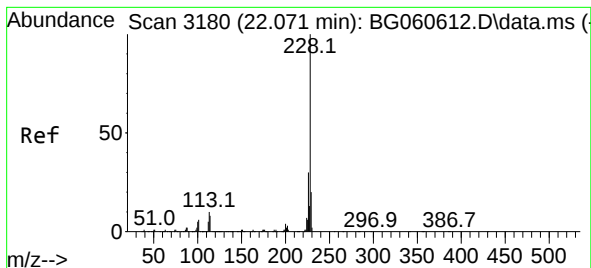
Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Tgt Ion:	149	Resp:	109755
Ion Ratio	Lower	Upper	
149	100		
167	27.9	19.7	29.5
279	4.3	3.2	4.8





#87

Chrysene

Concen: 4.748 ng/ul

RT: 22.074 min Scan# 3180

Delta R.T. 0.005 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

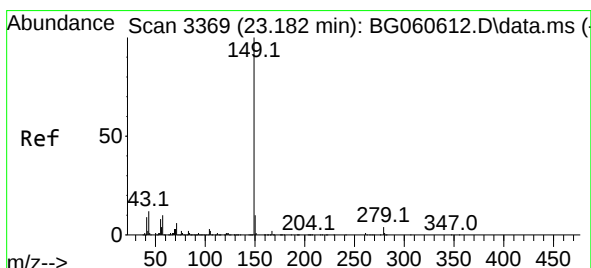
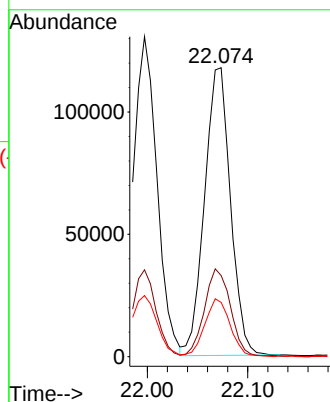
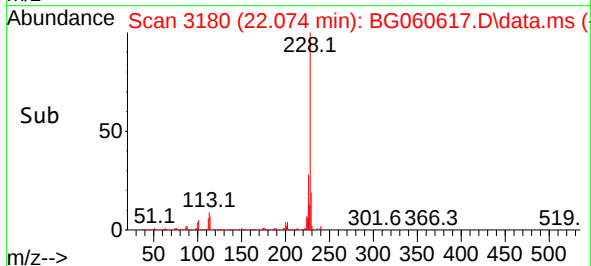
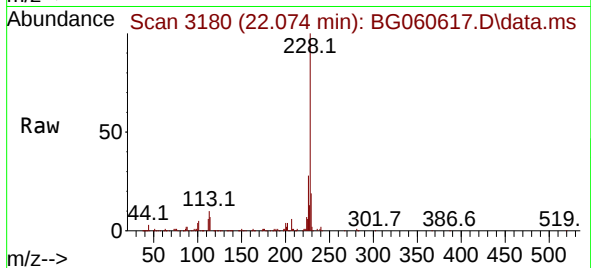
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:228 Resp: 211140
 Ion Ratio Lower Upper
 228 100
 226 28.1 24.0 36.0
 229 18.8 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



#89

Di-n-octyl phthalate

Concen: 4.211 ng/ul

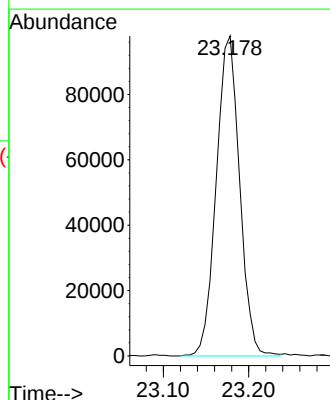
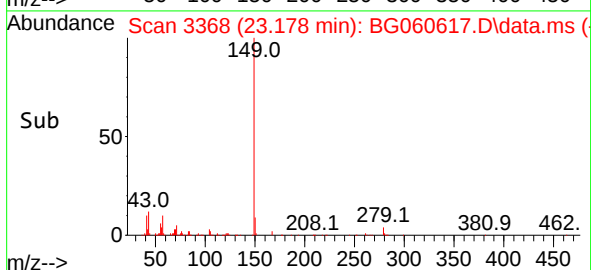
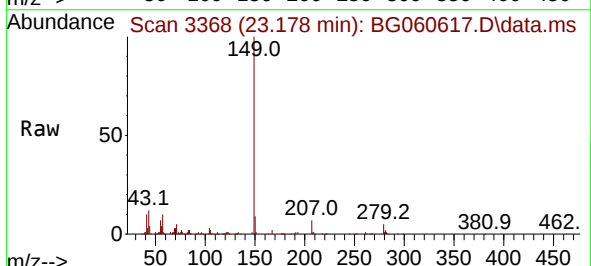
RT: 23.178 min Scan# 3368

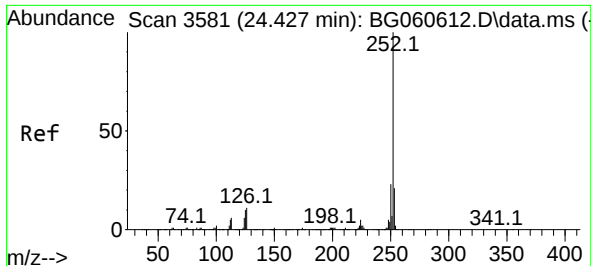
Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

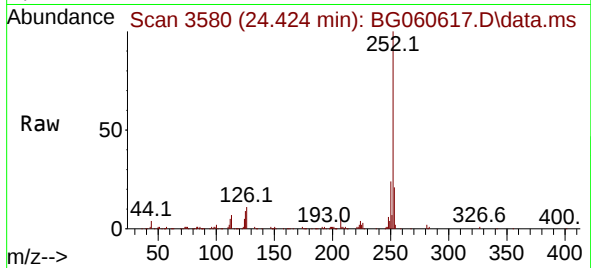
Tgt Ion:149 Resp: 186006





#90
Benzo(b)fluoranthene
Concen: 4.543 ng/ul
RT: 24.424 min Scan# 3580
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

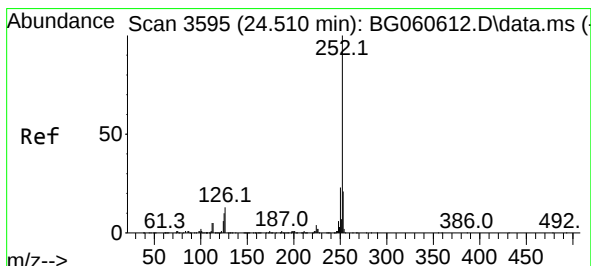
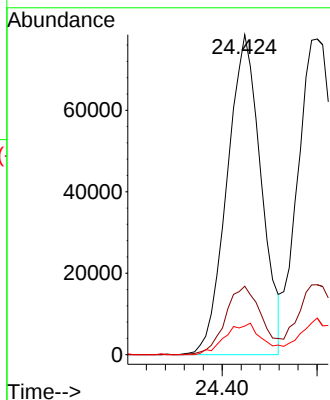
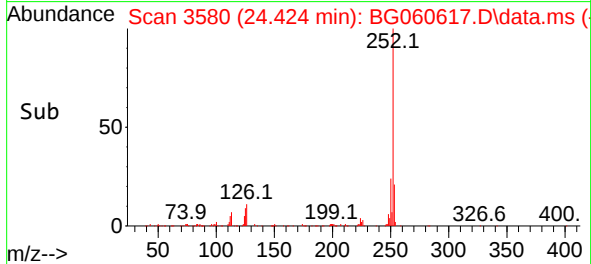
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:252 Resp: 19619
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 9.0 8.2 12.2

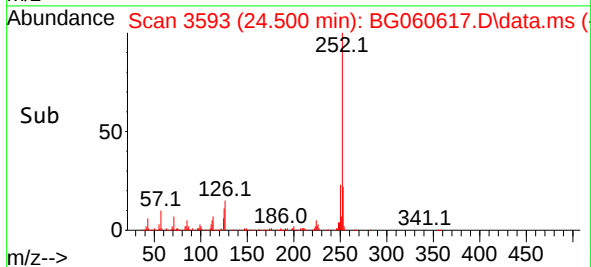
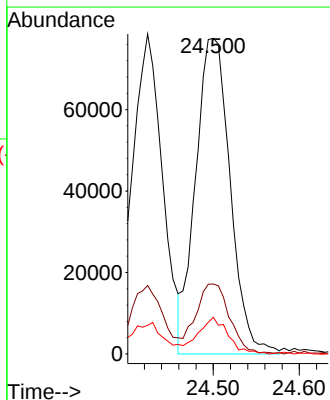
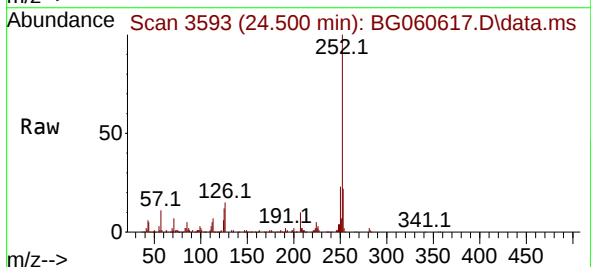
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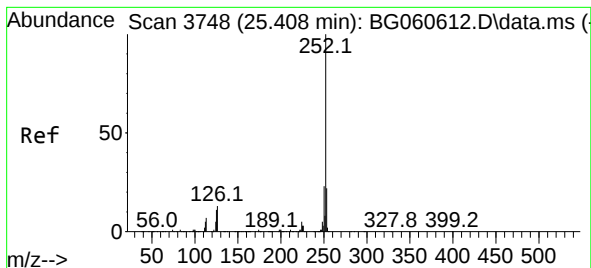
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#91
Benzo(k)fluoranthene
Concen: 4.800 ng/ul m
RT: 24.500 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BG060617.D
Acq: 12 Mar 2024 13:02

Tgt Ion:252 Resp: 216399
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.6 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 4.542 ng/ul

RT: 25.405 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

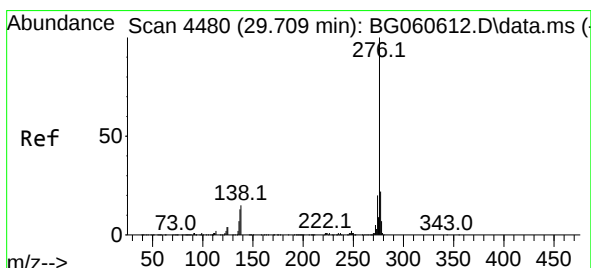
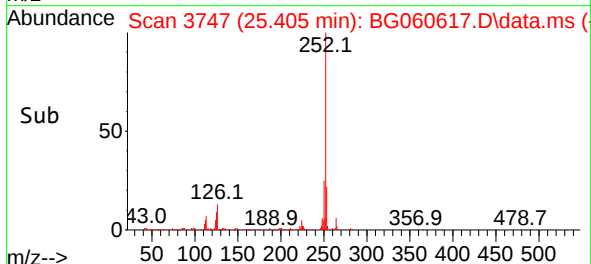
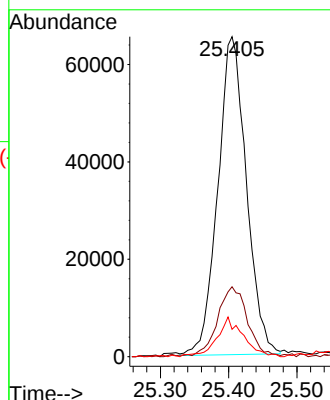
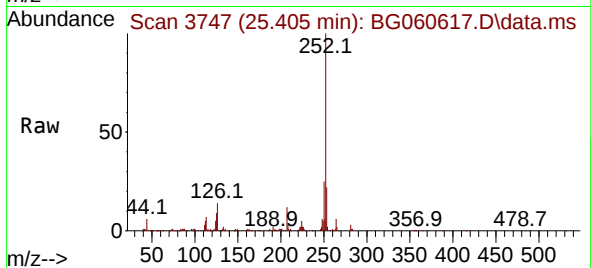
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:	252	Resp:	19025
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	8.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.581 ng/ul m

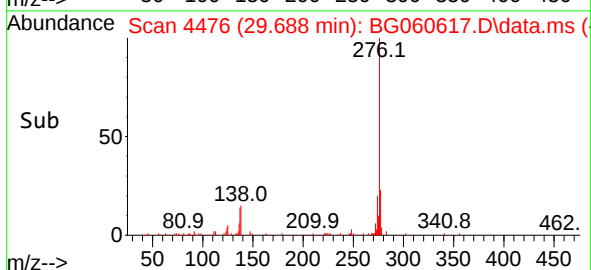
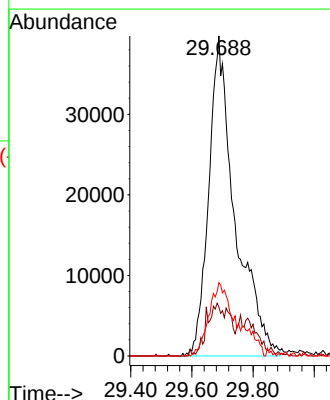
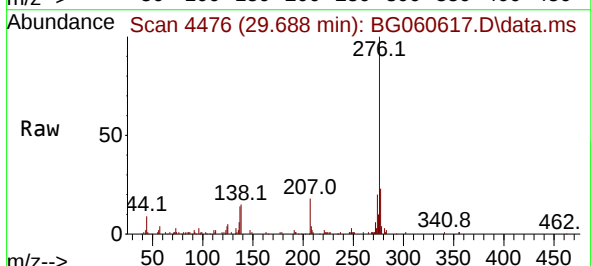
RT: 29.688 min Scan# 4476

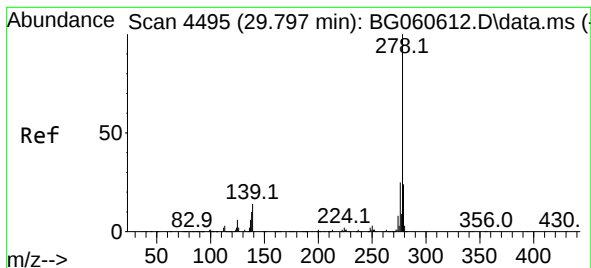
Delta R.T. 0.005 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Tgt Ion:	276	Resp:	236995
Ion Ratio	Lower	Upper	
276	100		
138	15.3	13.7	20.5
277	22.9	18.5	27.7





#95

Dibenzo(a,h)anthracene

Concen: 4.486 ng/ul m

RT: 29.782 min Scan# 4495

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Instrument :

BNA_G

ClientSampleId :

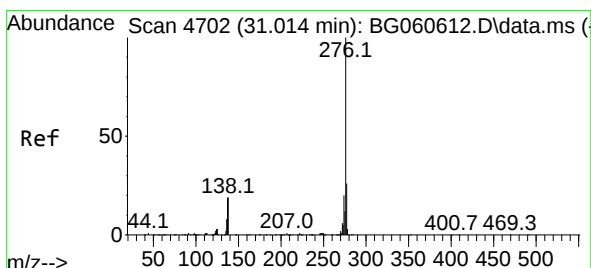
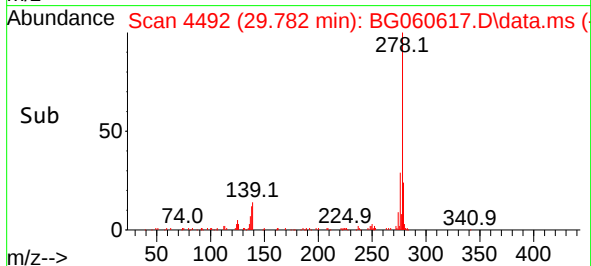
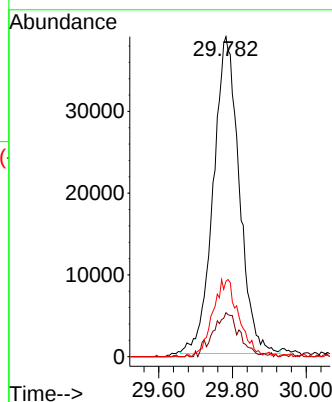
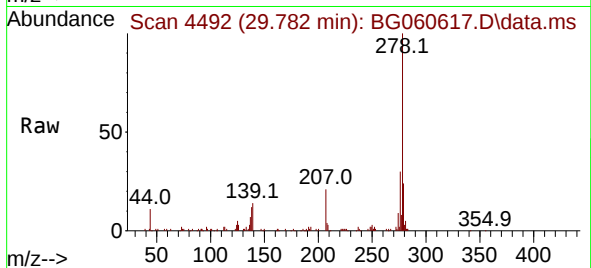
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:	278	Resp:	18963
Ion Ratio	Lower	Upper	
278	100		
139	13.8	11.6	17.4
279	23.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#96

Benzo(g,h,i)perylene

Concen: 4.540 ng/ul

RT: 30.992 min Scan# 4698

Delta R.T. -0.001 min

Lab File: BG060617.D

Acq: 12 Mar 2024 13:02

Tgt Ion:	276	Resp:	188615
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.2	22.8
277	22.2	18.9	28.3

