

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101323\
 Data File : BG059444.D
 Acq On : 13 Oct 2023 15:47
 Operator : MA/JU
 Sample : 02215-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03

Quant Time: Oct 14 01:01:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:05:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	31021	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	135407	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	90425	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.607	188	211337	20.000	ng/ul	0.00
79) Chrysene-d12	21.908	240	231529	20.000	ng/ul	0.00
88) Perylene-d12	25.386	264	274735	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.512	96	5794m	5.857	ng/uL	0.00
4) Pyridine-d5	3.947	84	61992	22.897	ng/ul	0.00
7) Phenol-d5	7.343	99	73560	21.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.536	67	44336	22.904	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	54514	22.556	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	53098	20.503	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	27223	24.344	ng/ul	0.00
24) 2-Nitrophenol-d4	10.133	143	27976	25.628	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	50590	22.302	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	78755	21.876	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	175900	22.960	ng/ul	0.00
49) Acenaphthylene-d8	14.558	160	204192	22.104	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	25445	19.228	ng/ul	0.00
60) Fluorene-d10	15.844	176	161542	22.401	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	26085	20.200	ng/ul	0.00
73) Anthracene-d10	17.701	188	256663	23.622	ng/ul	0.00
81) Pyrene-d10	19.981	212	320043	22.758	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	347652	23.114	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.547	88	2241m	1.821	ng/ul	
5) Pyridine	3.970	79	9673	3.617	ng/ul#	67
6) Benzaldehyde	7.360	77	6999	4.687	ng/ul	94
8) Phenol	7.372	94	12737	3.764	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.630	93	9908	3.735	ng/ul#	90
12) 2-Chlorophenol	7.760	128	8637	3.481	ng/ul#	77
13) 2-Methylphenol	8.647	108	9394	3.786	ng/ul#	78
14) 2,2'-oxybis(1-Chloropr...	8.717	45	18773m	3.380	ng/ul	
16) Acetophenone	9.058	105	14096	3.626	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.017	70	6434	3.609	ng/ul#	84
18) 4-Methylphenol	8.982	108	8315	3.092	ng/ul#	66
19) Hexachloroethane	9.305	117	3582	3.750	ng/ul#	69
22) Nitrobenzene	9.464	77	8605	3.449	ng/ul#	86
23) Isophorone	9.963	82	19916	3.758	ng/ul#	93
25) 2-Nitrophenol	10.163	139	5186m	4.343	ng/ul	
26) 2,4-Dimethylphenol	10.192	107	7931	3.173	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.451	93	13711	4.050	ng/ul#	94
29) 2,4-Dichlorophenol	10.692	162	7796	3.566	ng/ul	99
30) Naphthalene	11.109	128	32146	3.944	ng/ul#	94
32) 4-Chloroaniline	11.226	127	12615	3.732	ng/ul#	79
33) Hexachlorobutadiene	11.344	225	5149	3.561	ng/ul	95
34) Caprolactam	12.008	113	3254	4.214	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.313	107	7946	3.558	ng/ul#	93
36) 2-Methylnaphthalene	12.701	142	19116	3.635	ng/ul	94

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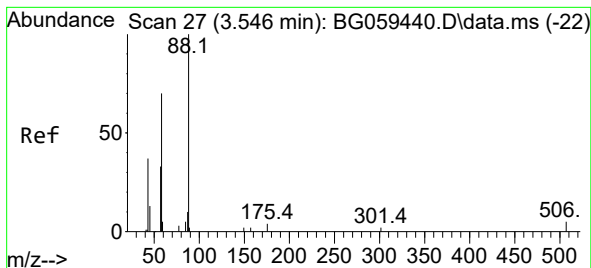
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 QLast Update : Thu Oct 12 17:05:49 2023
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Manual Integrations
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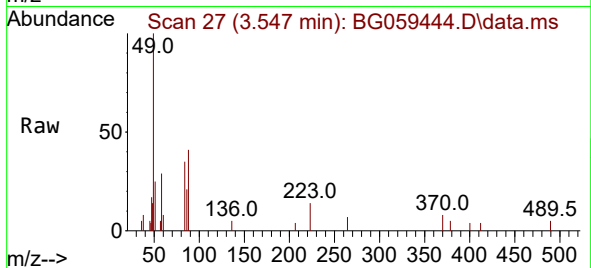
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.913	142	19189	3.584	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.048	216	10475	3.587	ng/ul#	83
40) Hexachlorocyclopentadiene	12.989	237	9744	5.769	ng/ul#	79
41) 2,4,6-Trichlorophenol	13.283	196	5591	3.115	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.359	196	6671	3.377	ng/ul#	77
43) 1,1'-Biphenyl	13.688	154	29022	3.588	ng/ul	97
44) 2-Chloronaphthalene	13.741	162	21594	3.490	ng/ul	92
45) 2-Nitroaniline	13.964	65	5276	3.209	ng/ul#	60
47) Dimethylphthalate	14.293	163	29775	3.878	ng/ul	96
48) 2,6-Dinitrotoluene	14.446	165	4813	3.404	ng/ul#	72
50) Acenaphthylene	14.581	152	34503	3.534	ng/ul	96
51) 3-Nitroaniline	14.781	138	5369	3.582	ng/ul#	68
52) Acenaphthene	14.922	153	24509	3.669	ng/ul#	93
53) 2,4-Dinitrophenol	14.987	184	4550	6.081	ng/ul#	71
55) 4-Nitrophenol	15.057	109	3606	3.874	ng/ul	90
56) Dibenzofuran	15.251	168	33203	3.676	ng/ul#	87
57) 2,4-Dinitrotoluene	15.222	165	7416	3.728	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.462	232	6626	3.754	ng/ul#	88
59) Diethylphthalate	15.639	149	28389	3.826	ng/ul#	86
61) Fluorene	15.903	166	27309	3.604	ng/ul	83
62) 4-Chlorophenyl-phenyle...	15.886	204	14138	3.716	ng/ul#	85
63) 4-Nitroaniline	15.950	138	5345	3.683	ng/ul#	45
66) 4,6-Dinitro-2-methylph...	15.968	198	4361	3.158	ng/ul#	93
67) N-Nitrosodiphenylamine	16.103	169	22826	3.695	ng/ul#	92
68) 4-Bromophenyl-phenylether	16.779	248	7943	3.428	ng/ul	93
69) Hexachlorobenzene	16.873	284	9866	3.715	ng/ul#	89
70) Atrazine	17.031	200	10223	4.193	ng/ul#	84
71) Pentachlorophenol	17.231	266	7240	4.810	ng/ul#	76
72) Phenanthrene	17.648	178	50139	3.815	ng/ul	96
74) Anthracene	17.736	178	50633	3.738	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.647	216	9654	3.172	ng/ul	89
76) Pentachlorobenzene	15.151	250	11504	3.907	ng/ul	86
77) Carbazole	18.018	167	40581	3.481	ng/ul	96
78) Di-n-butylphthalate	18.518	149	50135	3.779	ng/ul	99
80) Fluoranthene	19.640	202	61303	3.589	ng/ul#	95
82) Pyrene	20.010	202	65008	3.581	ng/ul	98
83) Butylbenzylphthalate	20.862	149	21782	3.553	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.802	252	19146	3.190	ng/ul	95
85) Benzo(a)anthracene	21.884	228	70207	3.843	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.714	149	32233	3.646	ng/ul	97
87) Chrysene	21.955	228	67324m	3.912	ng/ul	
89) Di-n-octyl phthalate	23.001	149	53849	3.312	ng/ul	100
90) Benzo(b)fluoranthene	24.252	252	66584	3.568	ng/ul	97
91) Benzo(k)fluoranthene	24.334	252	69578	3.637	ng/ul	93
93) Benzo(a)pyrene	25.216	252	66703	3.728	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	29.381	276	68755m	3.417	ng/ul	
95) Dibenzo(a,h)anthracene	29.446	278	59270m	3.564	ng/ul	
96) Benzo(g,h,i)perylene	30.662	276	56866m	3.480	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.821 ng/uL m
RT: 3.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

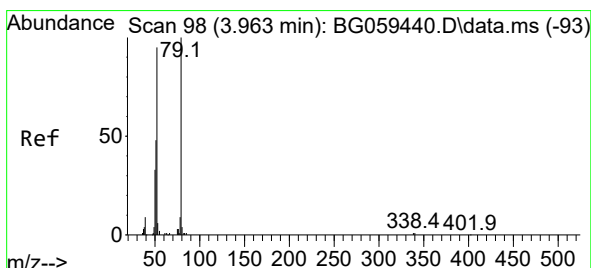
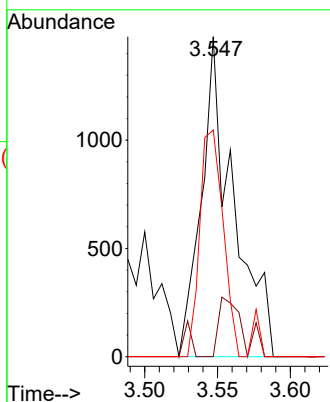
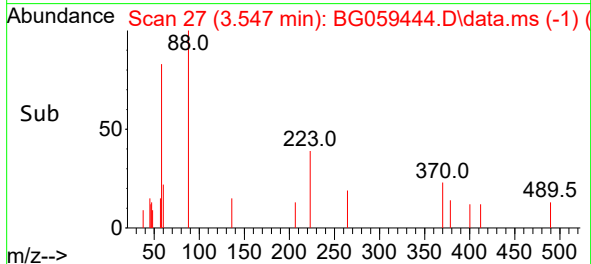
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5
58 70.8 80.7 121.1

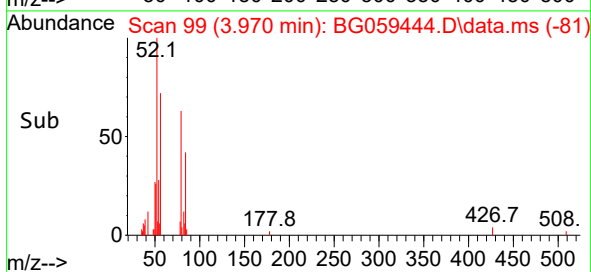
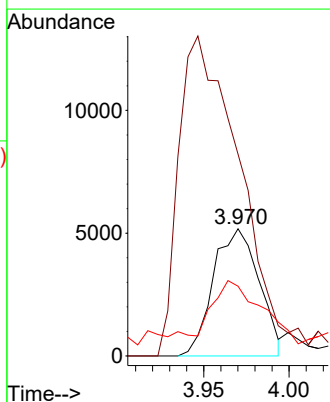
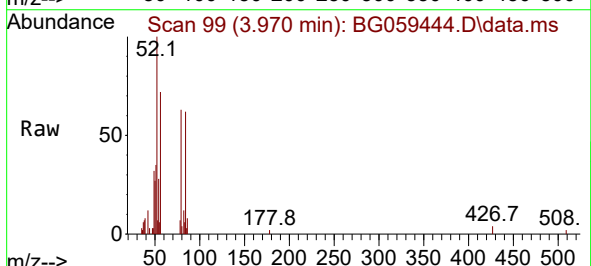
Manual Integrations
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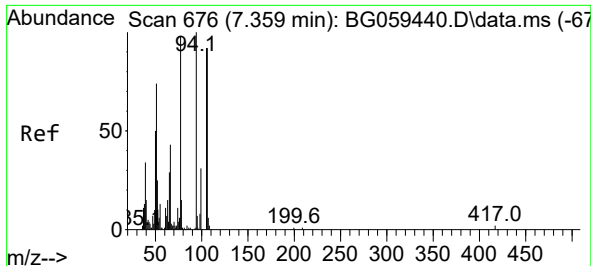
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#5
Pyridine
Concen: 3.617 ng/uL
RT: 3.970 min Scan# 99
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion: 79 Resp: 9673
Ion Ratio Lower Upper
79 100
52 158.6 87.2 130.8
51 54.8 41.9 62.9





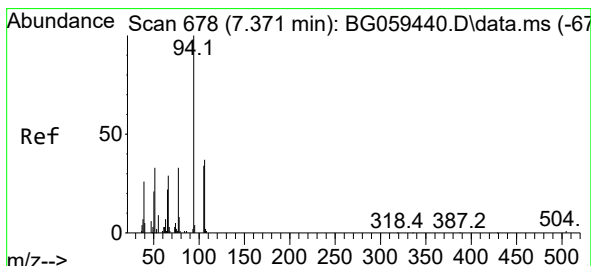
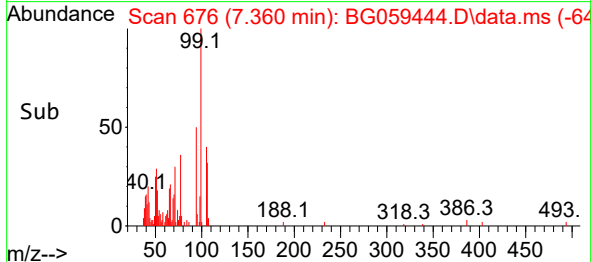
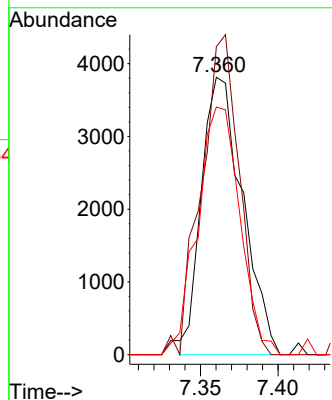
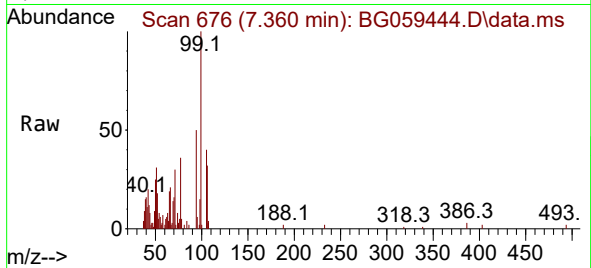
#6
Benzaldehyde
Concen: 4.687 ng/ul
RT: 7.360 min Scan# 676
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion: 77 Resp: 699
Ion Ratio Lower Upper
77 100
105 111.1 90.0 135.0
106 89.3 80.3 120.5

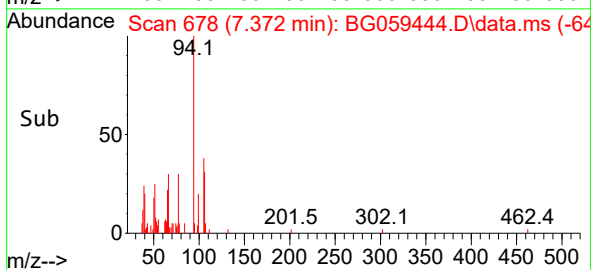
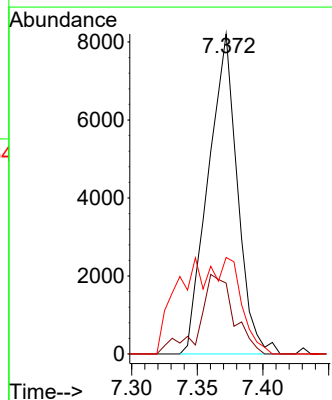
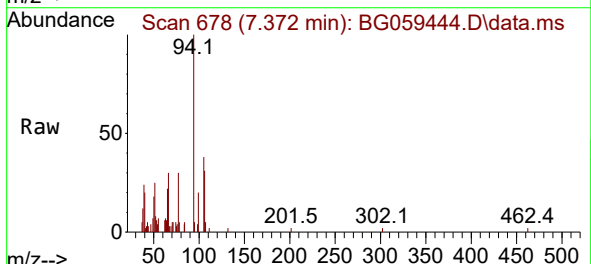
Manual Integrations
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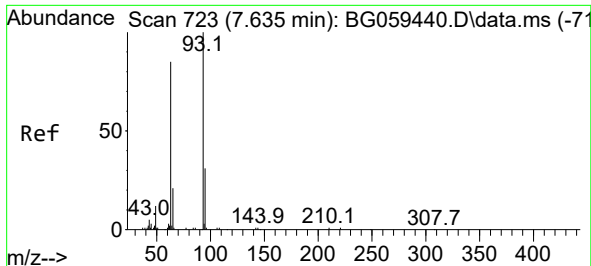
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#8
Phenol
Concen: 3.764 ng/ul
RT: 7.372 min Scan# 678
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

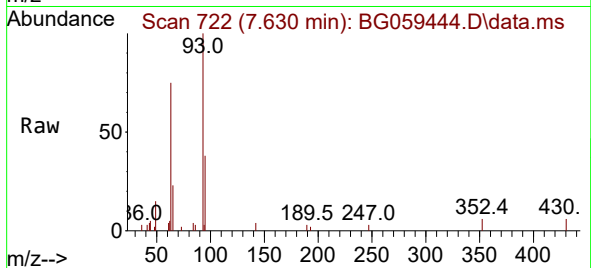
Tgt Ion: 94 Resp: 12737
Ion Ratio Lower Upper
94 100
65 22.2 20.9 31.3
66 30.2 31.1 46.7#





#10
Bis(2-Chloroethyl)ether
Concen: 3.735 ng/ul
RT: 7.630 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

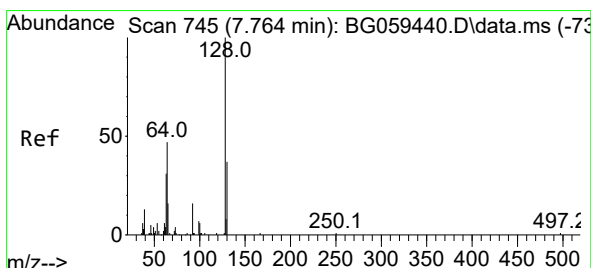
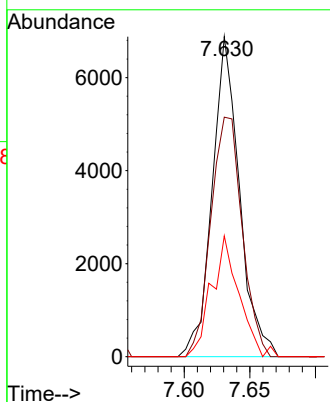
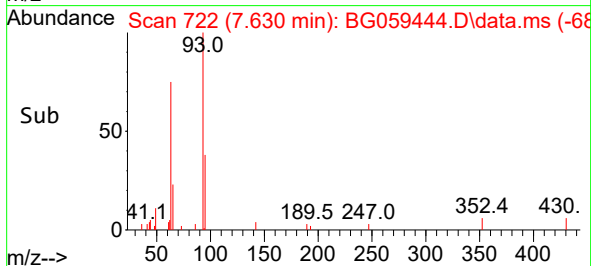
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 93 Resp: 990
Ion Ratio Lower Upper
93 100
63 74.9 65.4 98.0
95 37.8 23.8 35.6

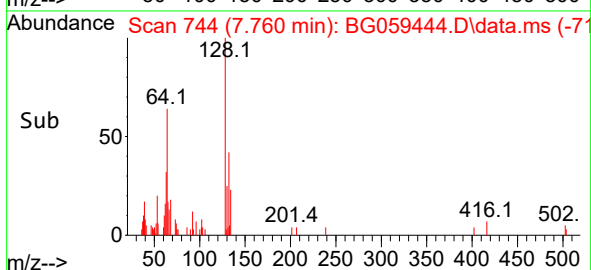
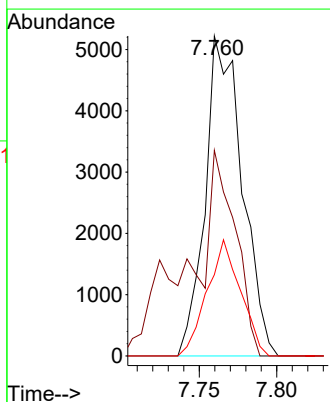
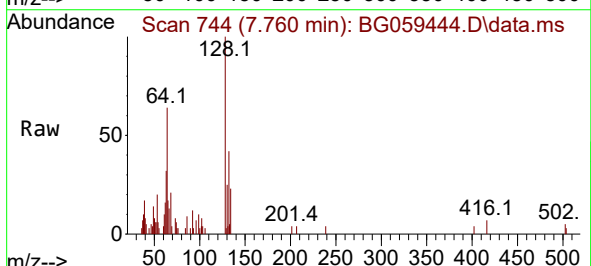
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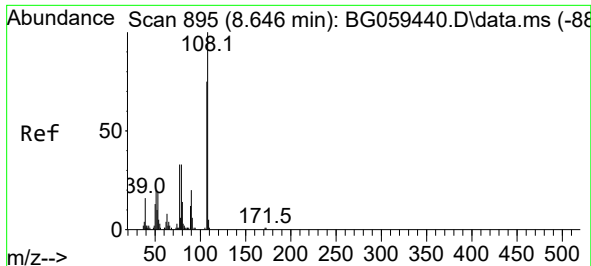
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#12
2-Chlorophenol
Concen: 3.481 ng/ul
RT: 7.760 min Scan# 744
Delta R.T. -0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:128 Resp: 8637
Ion Ratio Lower Upper
128 100
64 64.2 35.6 53.4#
130 25.4 26.2 39.4#





#13

2-Methylphenol

Concen: 3.786 ng/ul

RT: 8.647 min Scan# 895

Delta R.T. 0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 9394

Ion Ratio Lower Upper

108 100

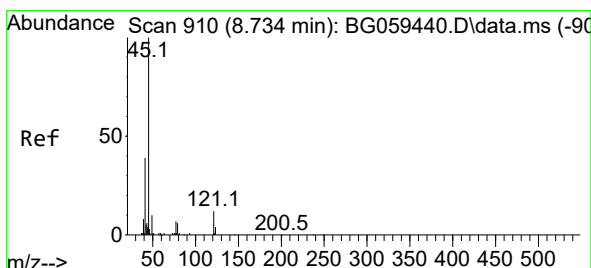
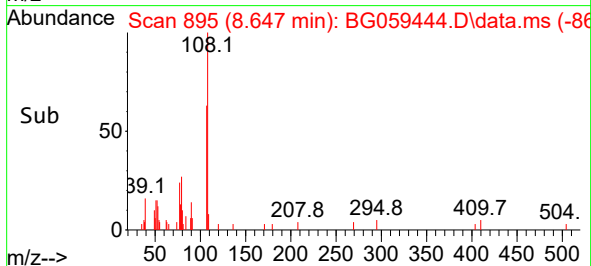
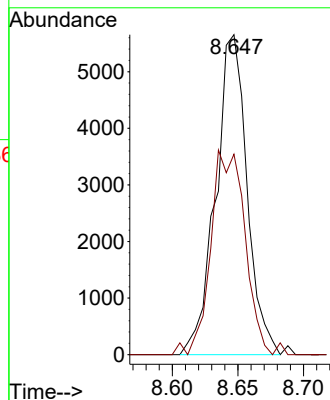
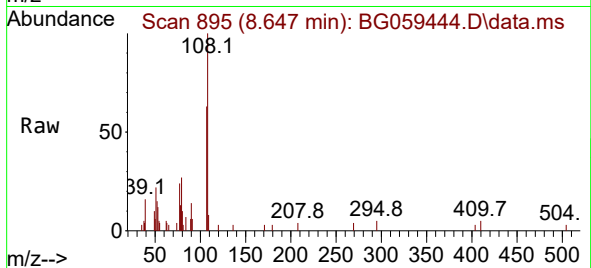
107 62.7 65.9 98.9

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/17/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.380 ng/ul m

RT: 8.717 min Scan# 907

Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

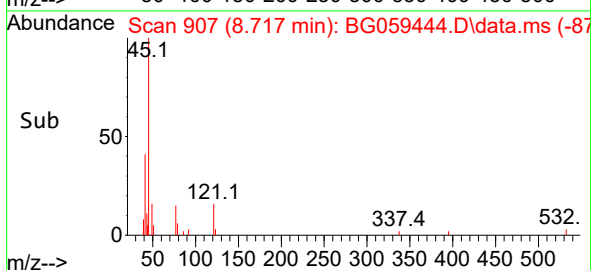
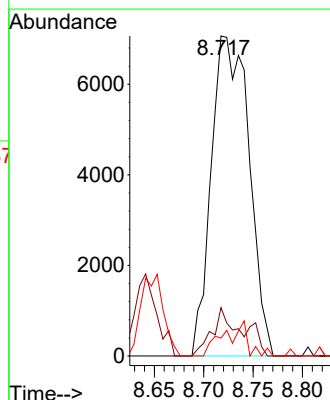
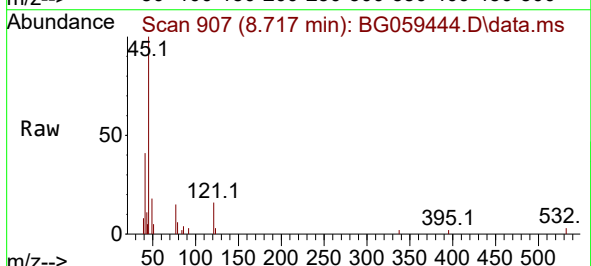
Tgt Ion: 45 Resp: 18773

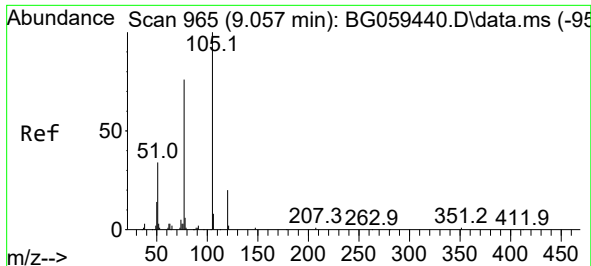
Ion Ratio Lower Upper

45 100

77 15.1 6.8 10.2

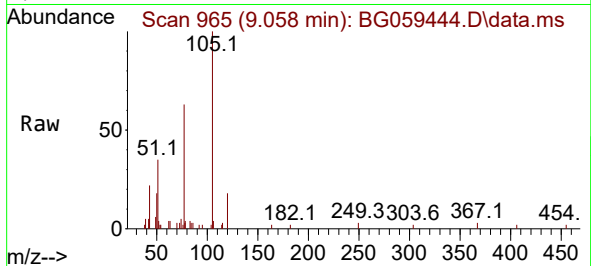
79 5.6 3.8 5.8





#16
Acetophenone
Concen: 3.626 ng/ul
RT: 9.058 min Scan# 901
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

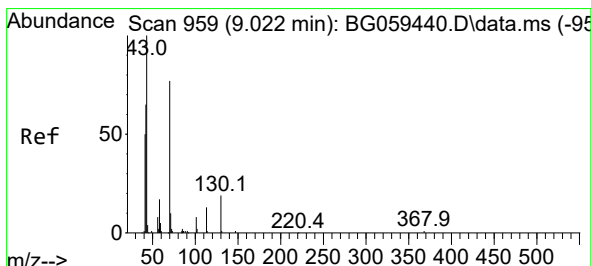
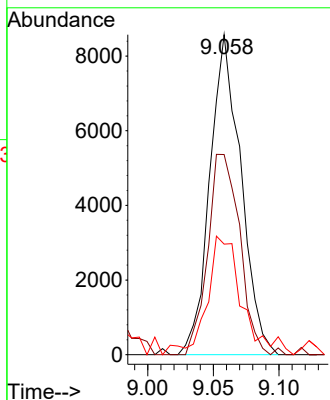
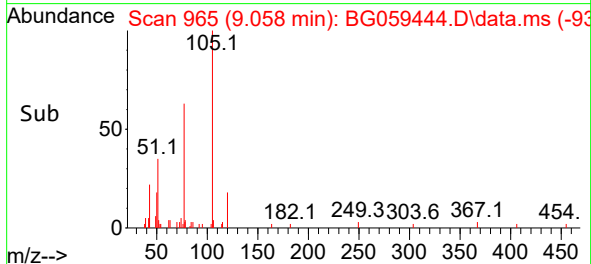
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:105 Resp: 14090
Ion Ratio Lower Upper
105 100
77 62.6 57.7 86.5
51 34.6 29.7 44.5

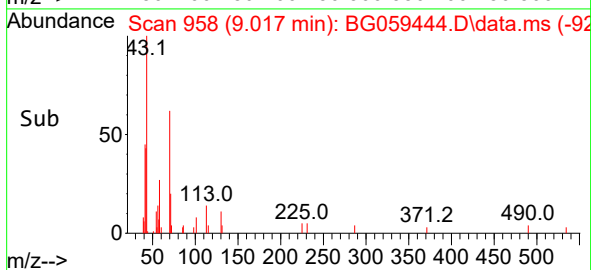
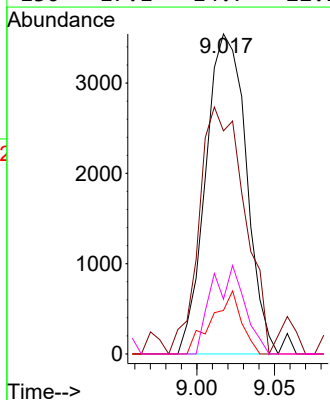
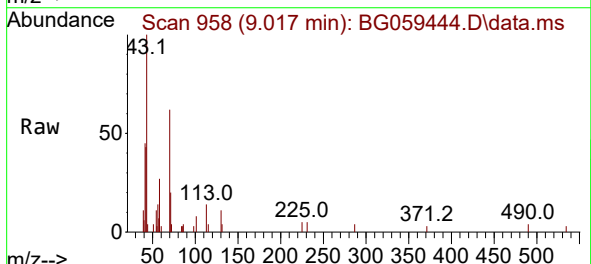
Manual Integrations
APPROVED

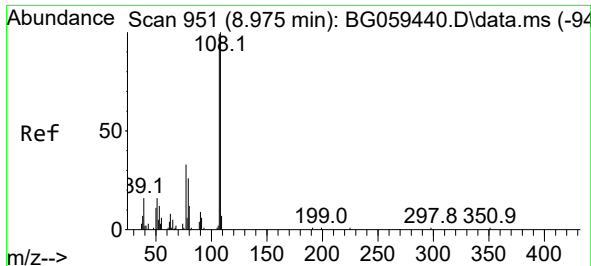
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.609 ng/ul
RT: 9.017 min Scan# 958
Delta R.T. -0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion: 70 Resp: 6434
Ion Ratio Lower Upper
70 100
42 69.7 70.0 105.0#
101 13.6 7.2 10.8#
130 17.1 14.7 22.1





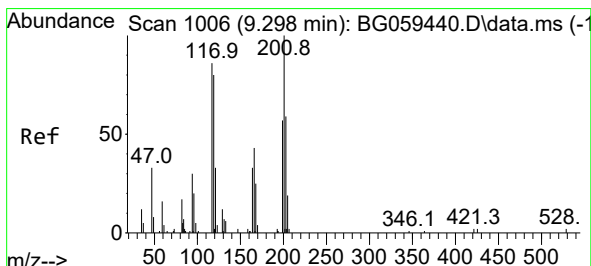
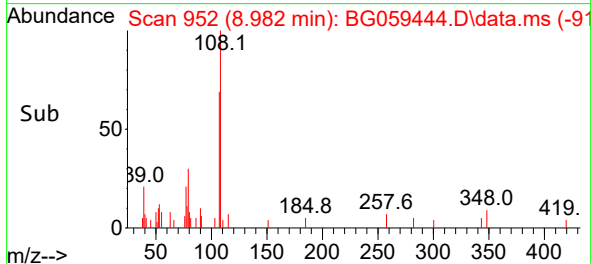
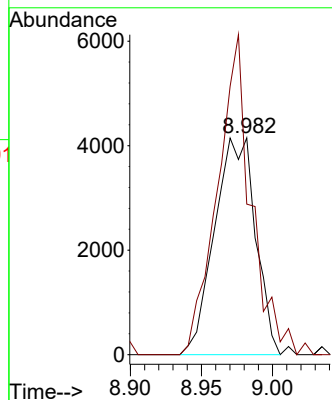
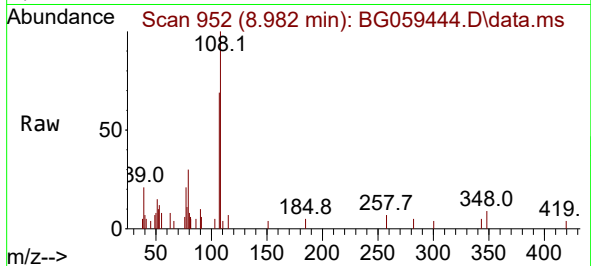
#18
4-Methylphenol
Concen: 3.092 ng/ul
RT: 8.982 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 831
Ion Ratio Lower Upper
108 100
107 69.4 83.4 125.2

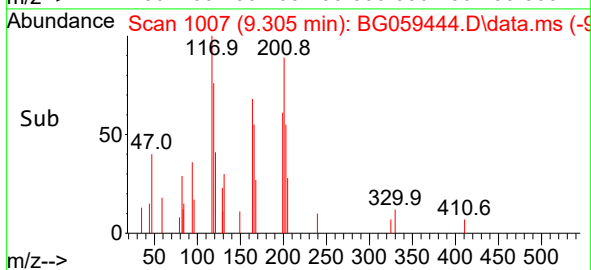
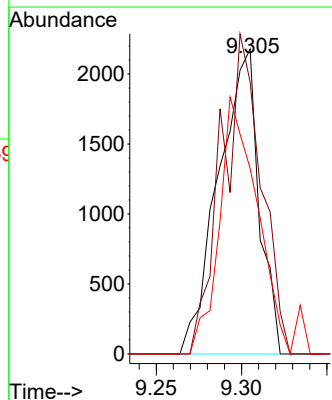
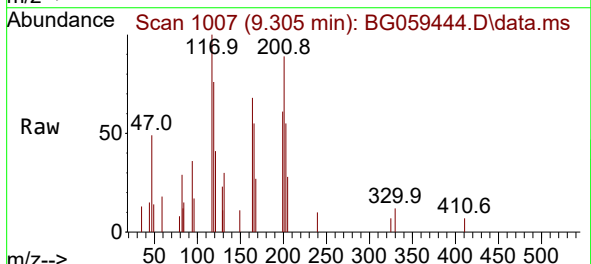
Manual Integrations
APPROVED

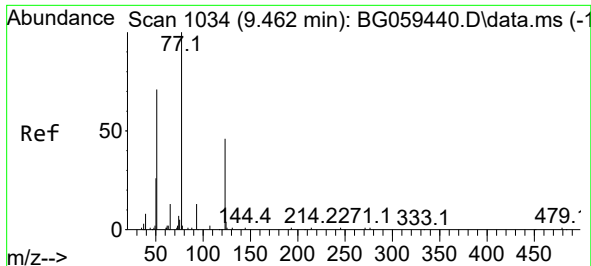
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#19
Hexachloroethane
Concen: 3.750 ng/ul
RT: 9.305 min Scan# 1007
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

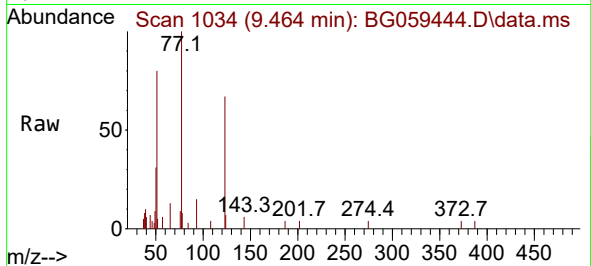
Tgt Ion:117 Resp: 3582
Ion Ratio Lower Upper
117 100
201 89.2 97.4 146.2#
199 60.9 73.6 110.4#





#22
Nitrobenzene
Concen: 3.449 ng/ul
RT: 9.464 min Scan# 1034
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

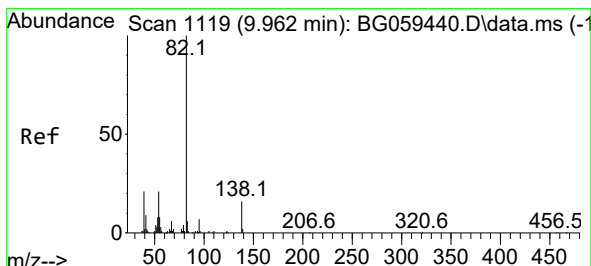
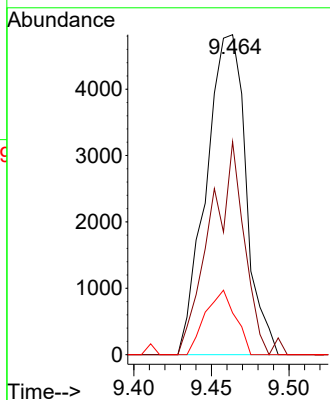
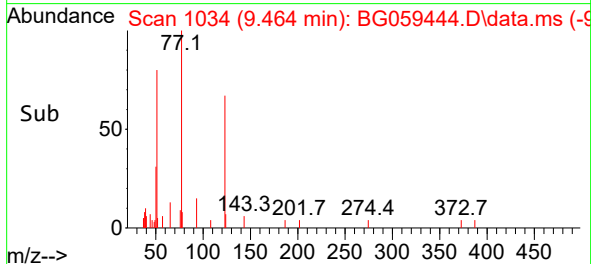
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



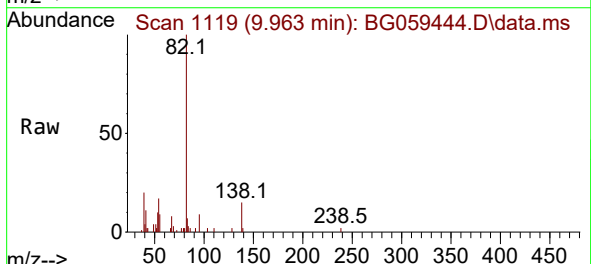
Tgt Ion: 77 Resp: 860
Ion Ratio Lower Upper
77 100
123 66.5 43.5 65.3
65 13.0 12.1 18.1

Manual Integrations
APPROVED

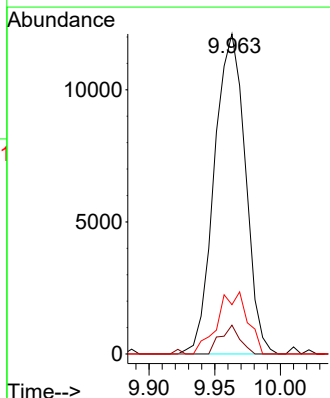
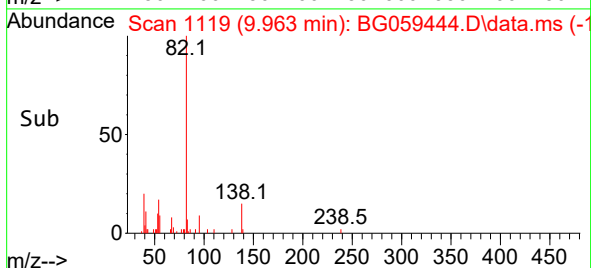
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

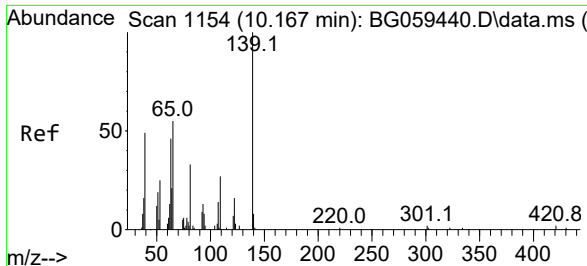


#23
Isophorone
Concen: 3.758 ng/ul
RT: 9.963 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



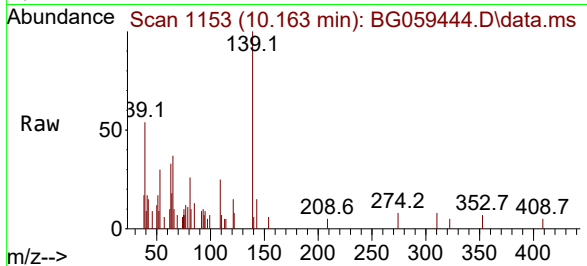
Tgt Ion: 82 Resp: 19916
Ion Ratio Lower Upper
82 100
95 9.0 6.1 9.1
138 15.4 15.5 23.3





#25
2-Nitrophenol
Concen: 4.343 ng/ul m
RT: 10.163 min Scan# 1153
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

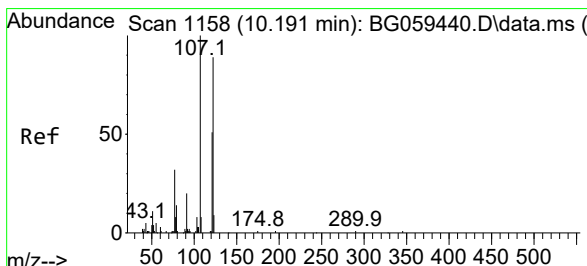
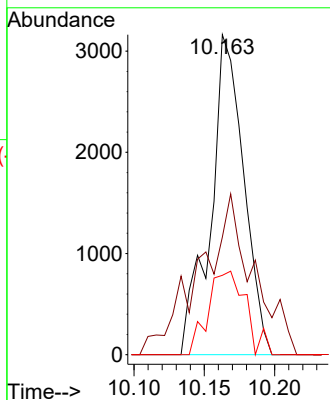
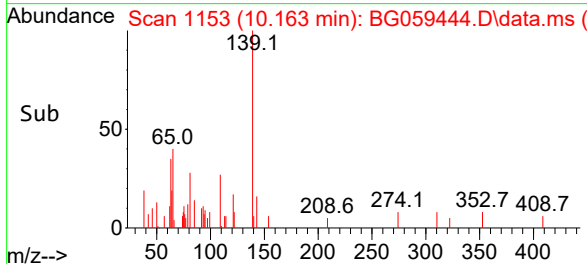
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



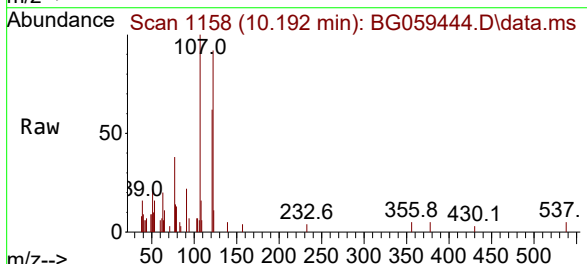
Tgt Ion:139 Resp: 5180
Ion Ratio Lower Upper
139 100
65 36.7 49.4 74.0
109 24.8 23.9 35.9

Manual Integrations
APPROVED

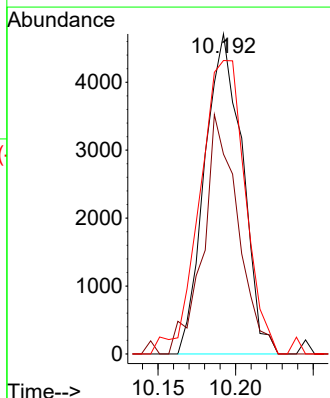
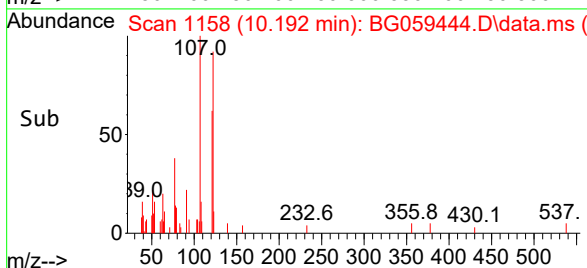
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

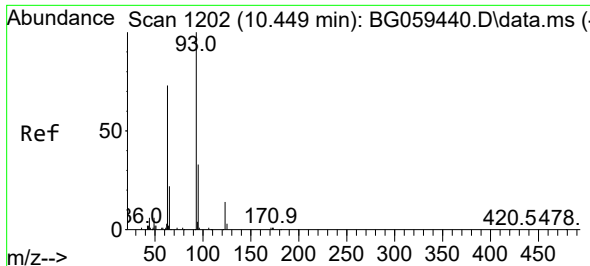


#26
2,4-Dimethylphenol
Concen: 3.173 ng/ul
RT: 10.192 min Scan# 1158
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



Tgt Ion:107 Resp: 7931
Ion Ratio Lower Upper
107 100
121 62.4 44.0 66.0
122 91.7 65.1 97.7





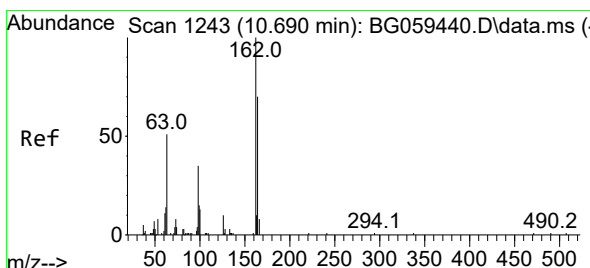
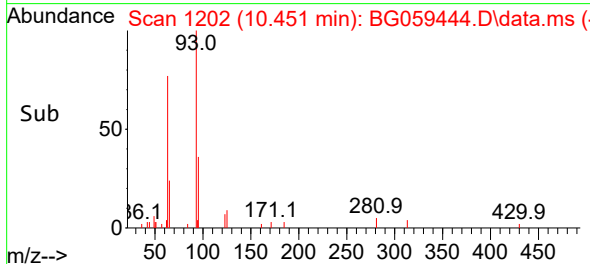
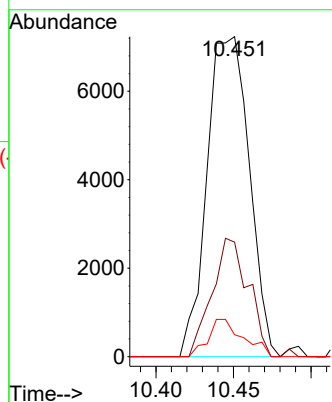
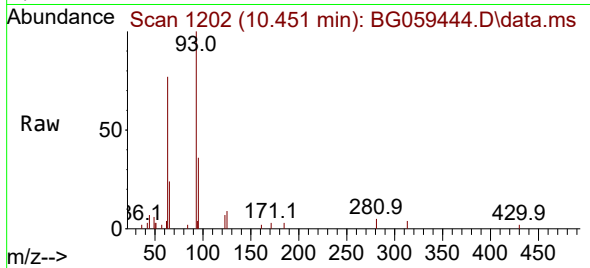
#27
Bis(2-Chloroethoxy)methane
Concen: 4.050 ng/ul
RT: 10.451 min Scan# 1202
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03

Tgt Ion: 93 Resp: 1371
Ion Ratio Lower Upper
93 100
95 35.8 26.1 39.1
123 6.8 8.0 12.0

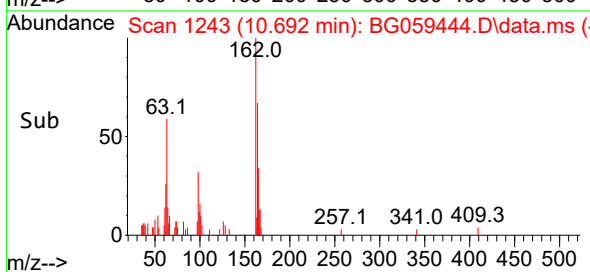
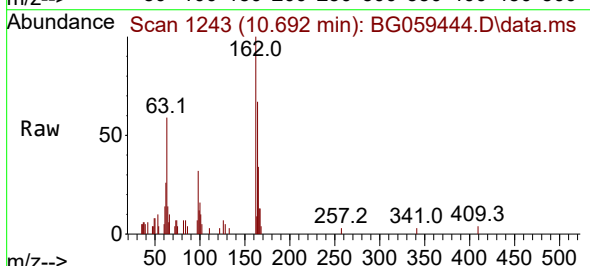
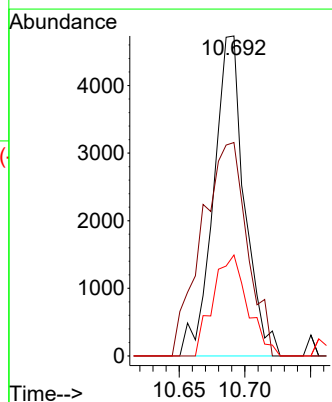
Manual Integrations
APPROVED

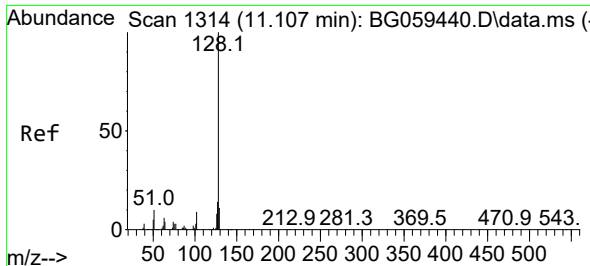
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#29
2,4-Dichlorophenol
Concen: 3.566 ng/ul
RT: 10.692 min Scan# 1243
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:162 Resp: 7796
Ion Ratio Lower Upper
162 100
164 66.7 53.5 80.3
98 31.5 26.2 39.4





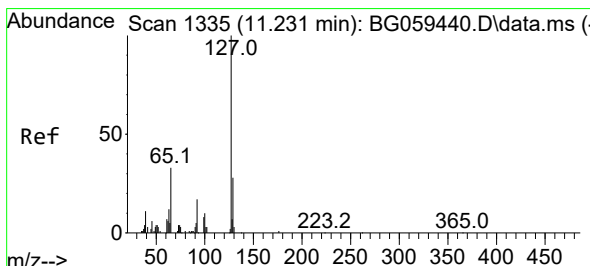
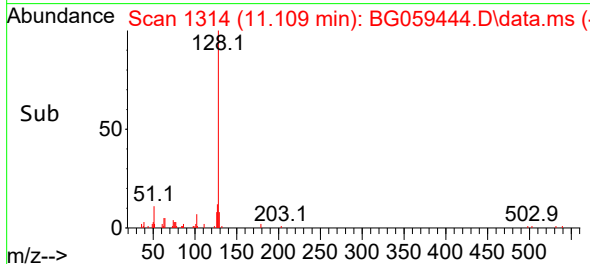
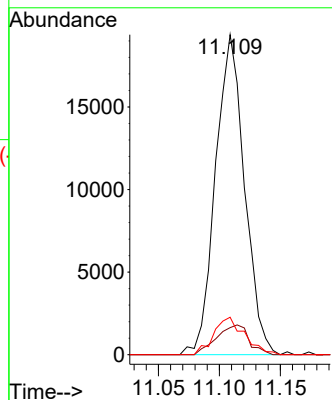
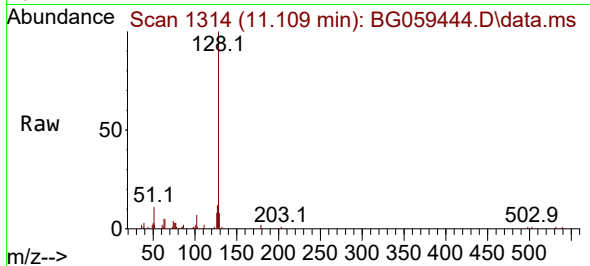
#30
Naphthalene
Concen: 3.944 ng/ul
RT: 11.109 min Scan# 1110
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:128 Resp: 32140
Ion Ratio Lower Upper
128 100
129 8.5 9.4 14.0
127 11.7 10.4 15.6

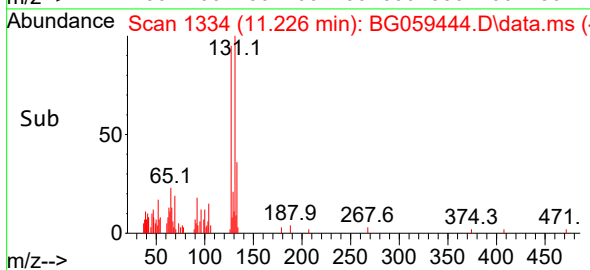
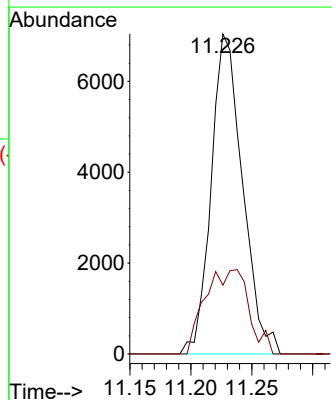
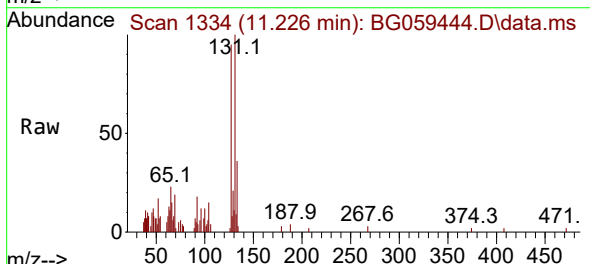
Manual Integrations
APPROVED

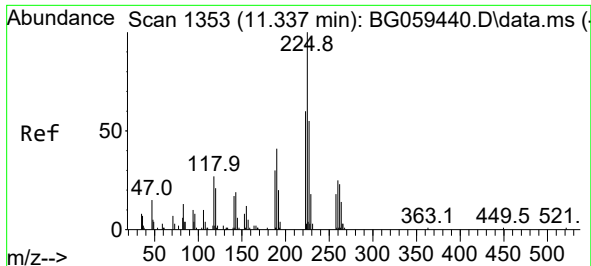
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#32
4-Chloroaniline
Concen: 3.732 ng/ul
RT: 11.226 min Scan# 1334
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

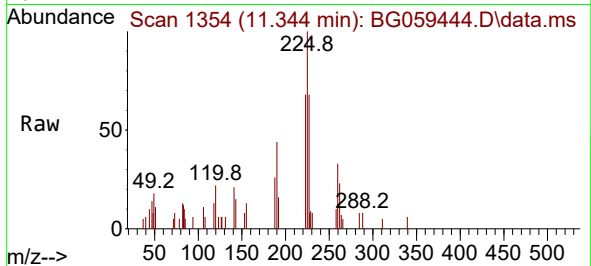
Tgt Ion:127 Resp: 12615
Ion Ratio Lower Upper
127 100
129 21.5 27.0 40.6





#33
Hexachlorobutadiene
Concen: 3.561 ng/ul
RT: 11.344 min Scan# 1354
Delta R.T. 0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

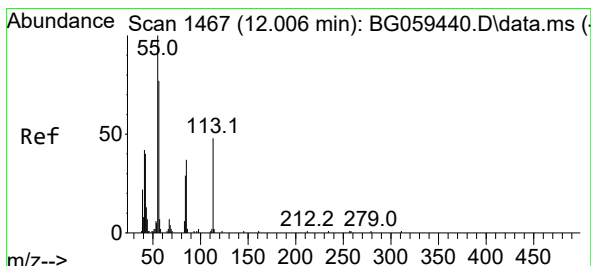
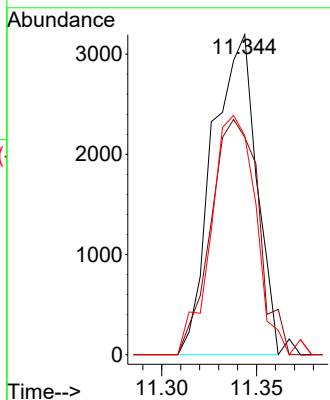
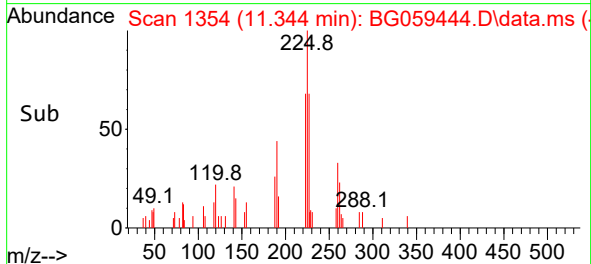
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:225 Resp: 5149
Ion Ratio Lower Upper
225 100
223 67.9 52.4 78.6
227 76.1 55.8 83.8

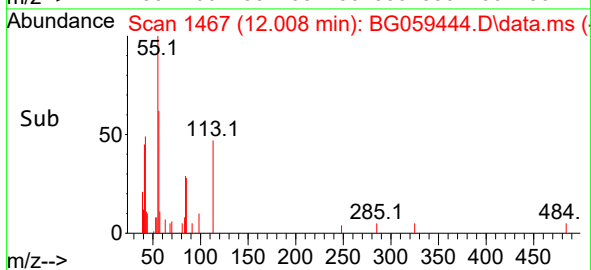
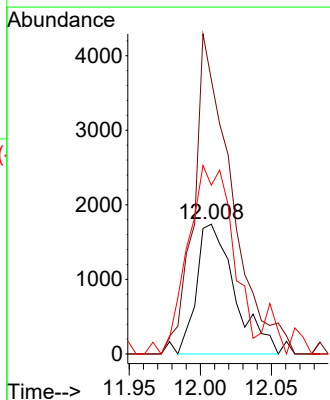
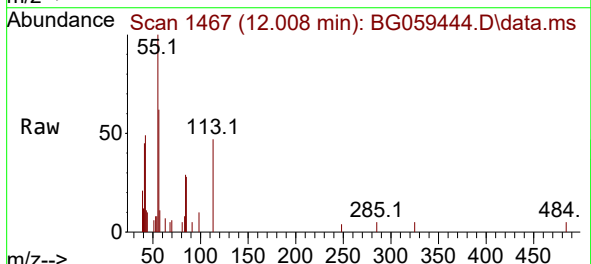
Manual Integrations
APPROVED

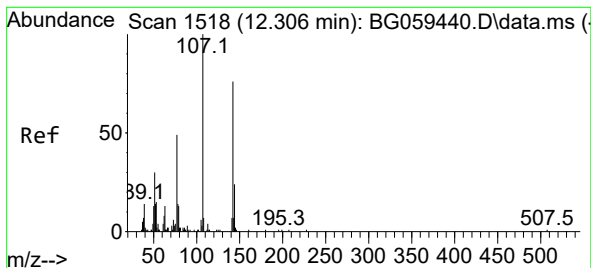
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Caprolactam
Concen: 4.214 ng/ul
RT: 12.008 min Scan# 1467
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

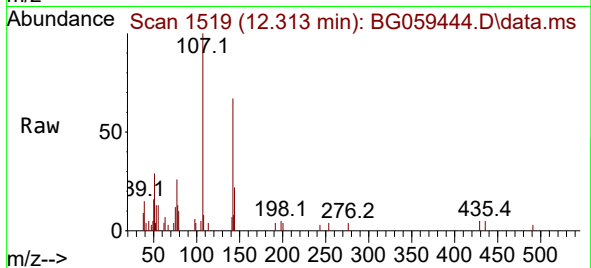
Tgt Ion:113 Resp: 3254
Ion Ratio Lower Upper
113 100
55 211.3 174.3 261.5
56 130.0 130.2 195.2#





#35
4-Chloro-3-methylphenol
Concen: 3.558 ng/ul
RT: 12.313 min Scan# 1519
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

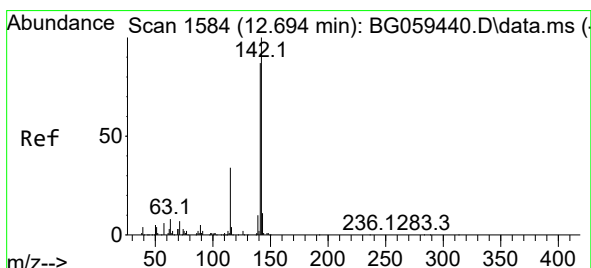
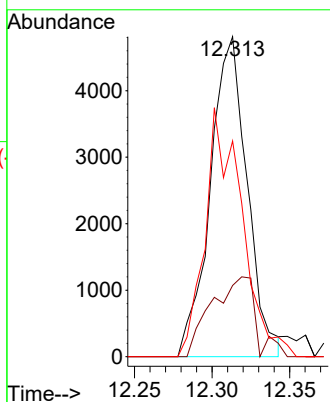
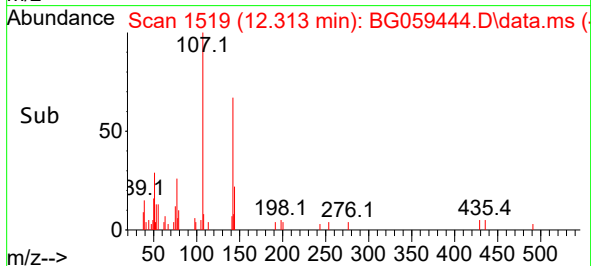
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:107 Resp: 7940
Ion Ratio Lower Upper
107 100
144 22.2 23.0 34.6
142 67.4 57.4 86.0

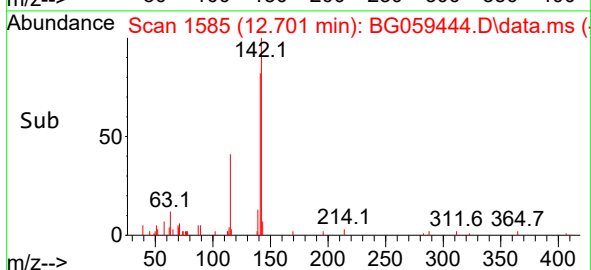
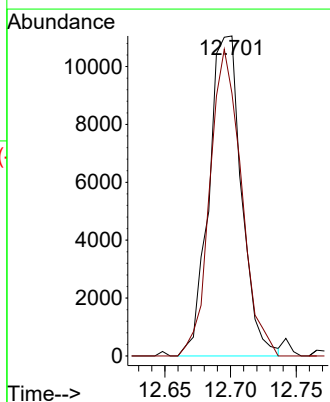
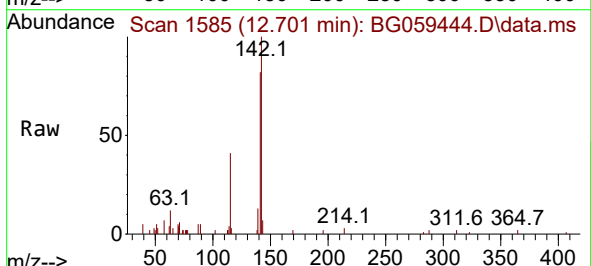
Manual Integrations
APPROVED

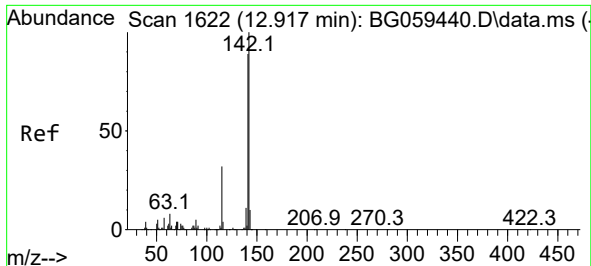
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#36
2-Methylnaphthalene
Concen: 3.635 ng/ul
RT: 12.701 min Scan# 1585
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:142 Resp: 19116
Ion Ratio Lower Upper
142 100
141 82.0 70.0 105.0





#37

1-Methylnaphthalene

Concen: 3.584 ng/ul

RT: 12.913 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

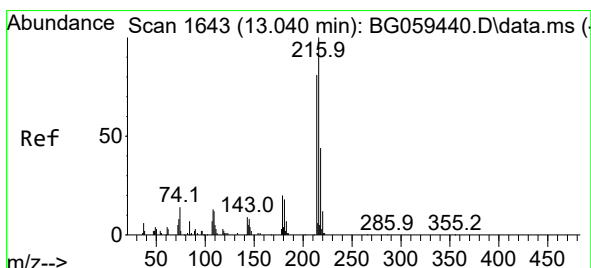
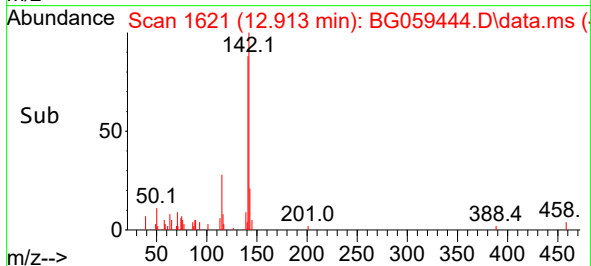
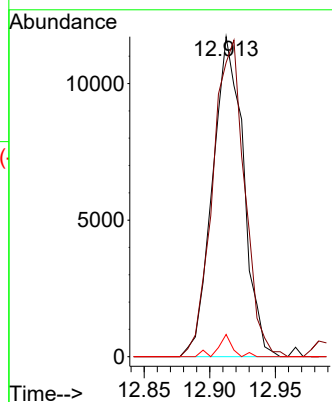
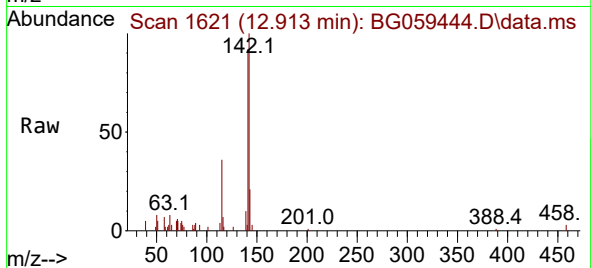
Tgt Ion:	142	Resp:	1918
Ion Ratio	Lower	Upper	
142	100		
141	91.9	81.3	121.9
116	6.9	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.587 ng/ul

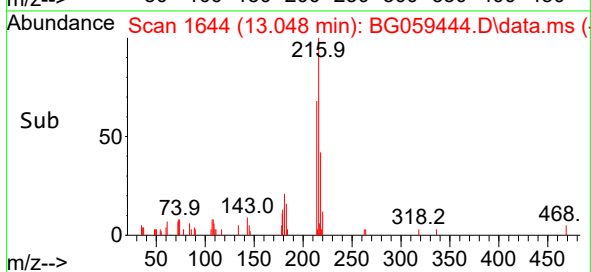
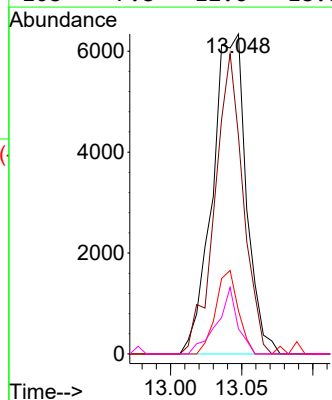
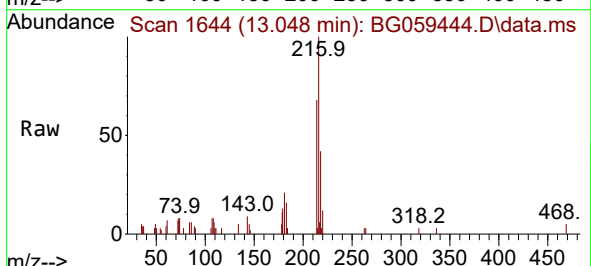
RT: 13.048 min Scan# 1644

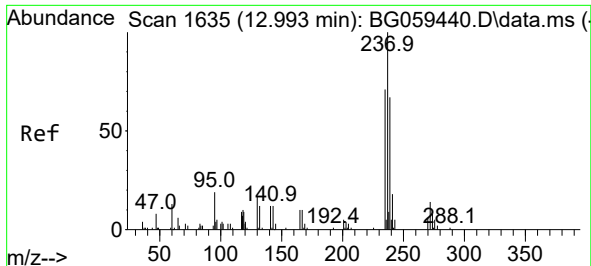
Delta R.T. 0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

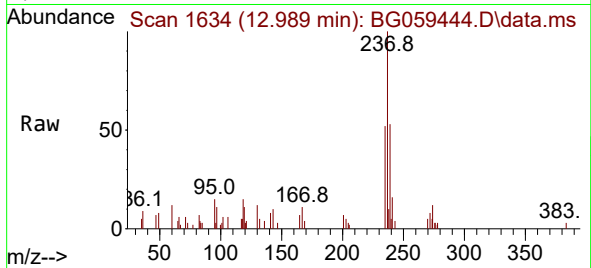
Tgt Ion:	216	Resp:	10475
Ion Ratio	Lower	Upper	
216	100		
214	68.1	66.9	100.3
179	13.5	15.6	23.4#
108	7.8	12.6	18.8#





#40
Hexachlorocyclopentadiene
Concen: 5.769 ng/ul
RT: 12.989 min Scan# 1634
Delta R.T. -0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

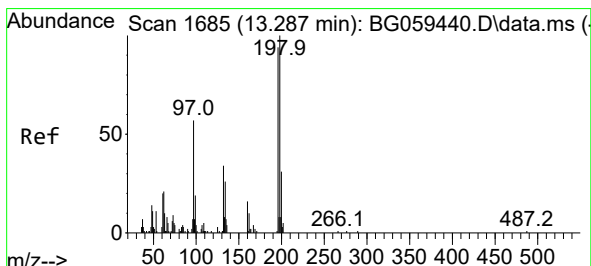
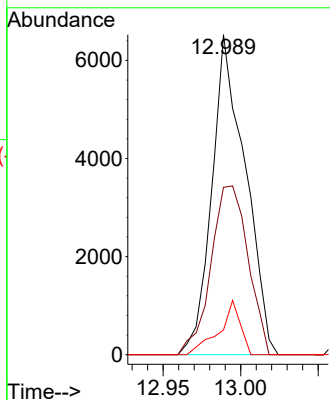
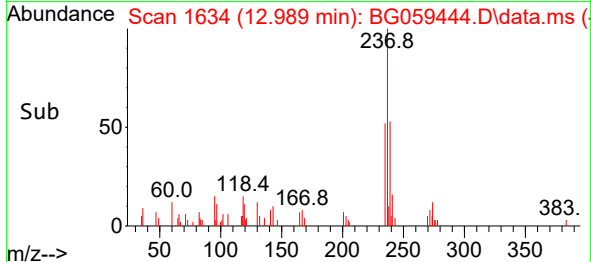
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:237 Resp: 9744
Ion Ratio Lower Upper
237 100
235 52.3 56.5 84.7
272 7.7 10.8 16.2

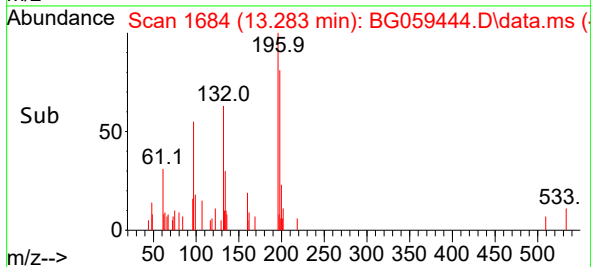
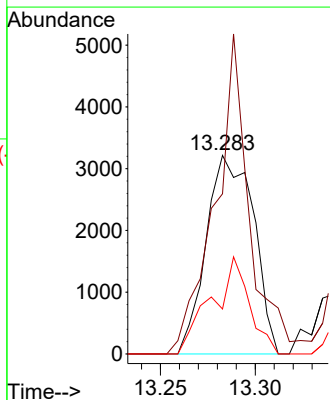
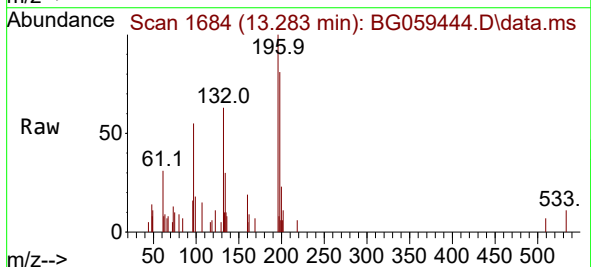
Manual Integrations
APPROVED

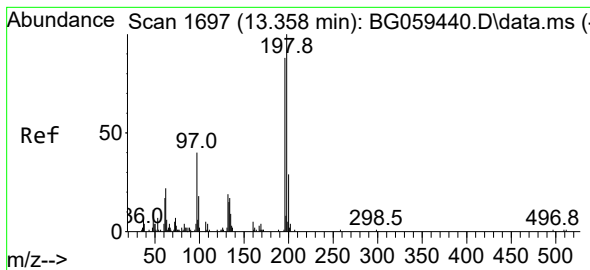
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#41
2,4,6-Trichlorophenol
Concen: 3.115 ng/ul
RT: 13.283 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

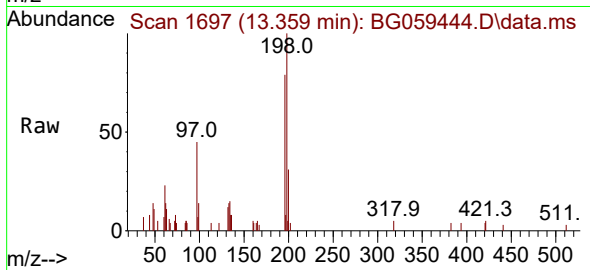
Tgt Ion:196 Resp: 5591
Ion Ratio Lower Upper
196 100
198 80.7 85.7 128.5#
200 22.7 24.2 36.4#





#42
2,4,5-Trichlorophenol
Concen: 3.377 ng/ul
RT: 13.359 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

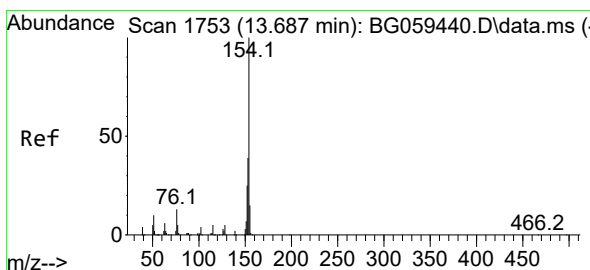
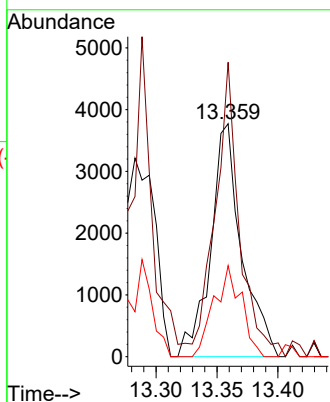
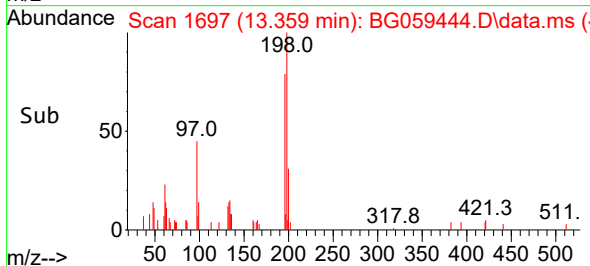
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



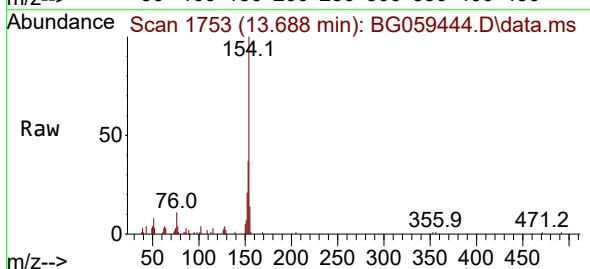
Tgt Ion:196 Resp: 667
Ion Ratio Lower Upper
196 100
198 126.4 80.3 120.5
200 39.1 25.2 37.8

Manual Integrations
APPROVED

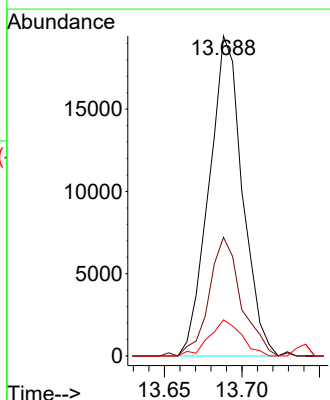
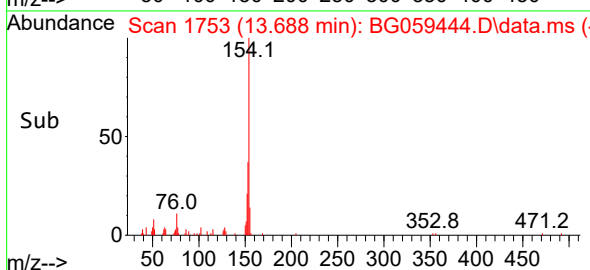
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

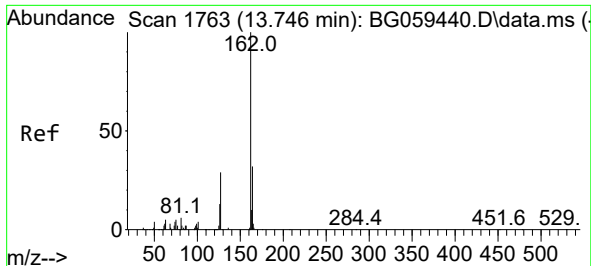


#43
1,1'-Biphenyl
Concen: 3.588 ng/ul
RT: 13.688 min Scan# 1753
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



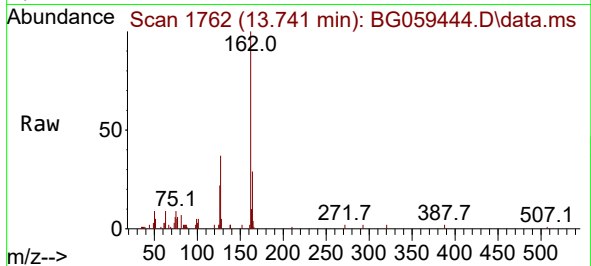
Tgt Ion:154 Resp: 29022
Ion Ratio Lower Upper
154 100
153 37.1 31.3 46.9
76 11.3 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.490 ng/ul
RT: 13.741 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

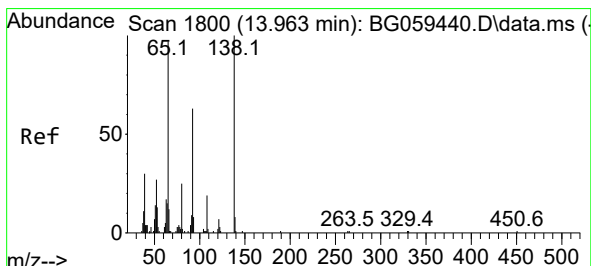
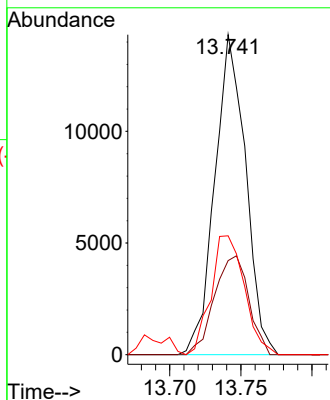
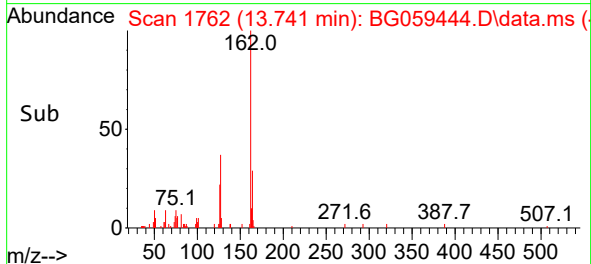
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:162 Resp: 21594
Ion Ratio Lower Upper
162 100
164 29.4 27.8 41.6
127 37.2 33.4 50.2

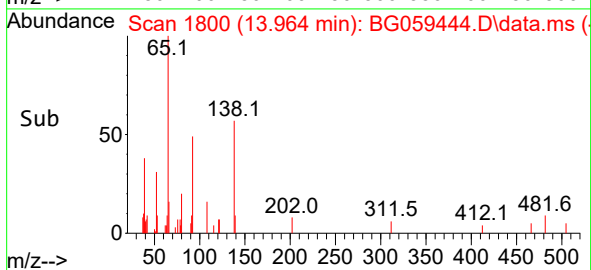
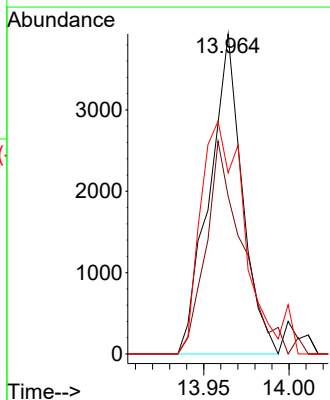
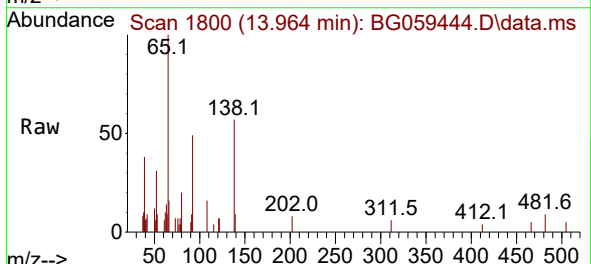
Manual Integrations
APPROVED

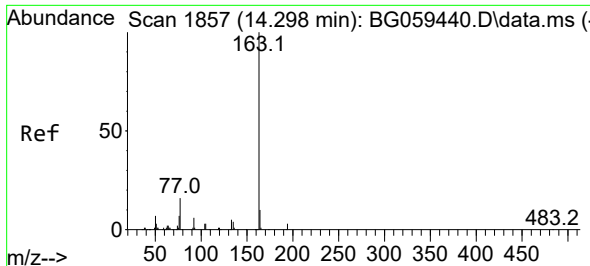
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#45
2-Nitroaniline
Concen: 3.209 ng/ul
RT: 13.964 min Scan# 1800
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

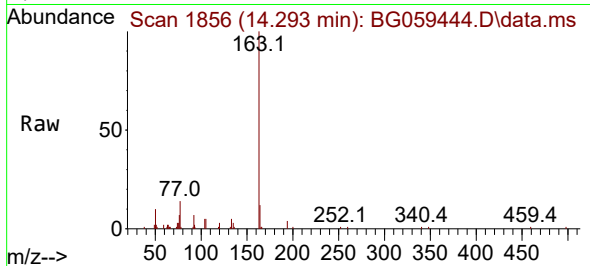
Tgt Ion: 65 Resp: 5276
Ion Ratio Lower Upper
65 100
92 49.4 58.2 87.4#
138 56.6 85.0 127.4#





#47
Dimethylphthalate
Concen: 3.878 ng/ul
RT: 14.293 min Scan# 1856
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

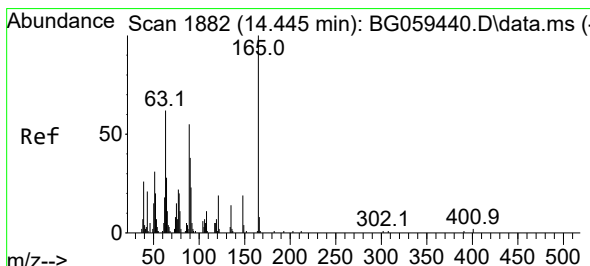
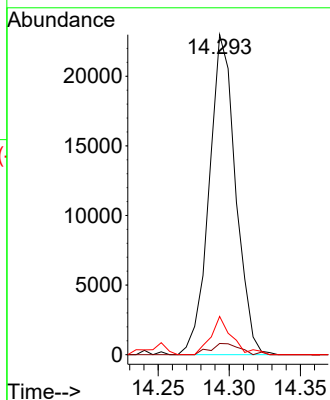
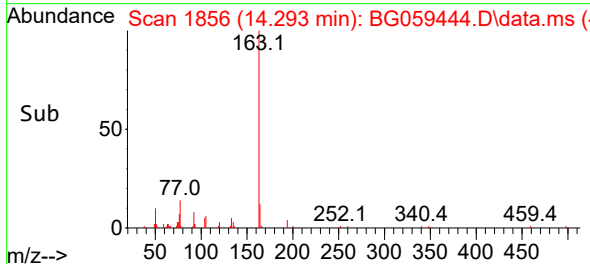
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:163 Resp: 29775
Ion Ratio Lower Upper
163 100
194 3.5 2.4 3.6
164 11.9 8.2 12.4

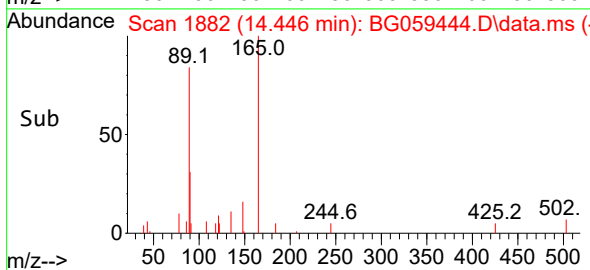
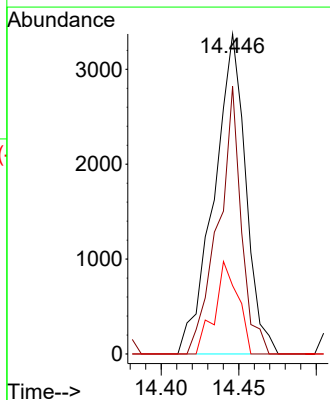
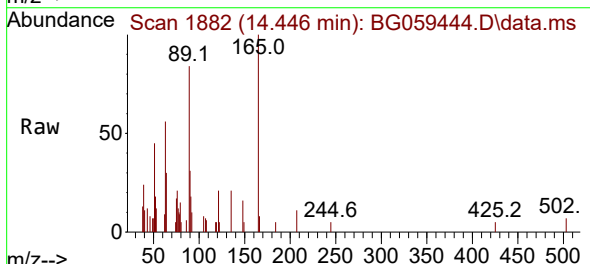
Manual Integrations
APPROVED

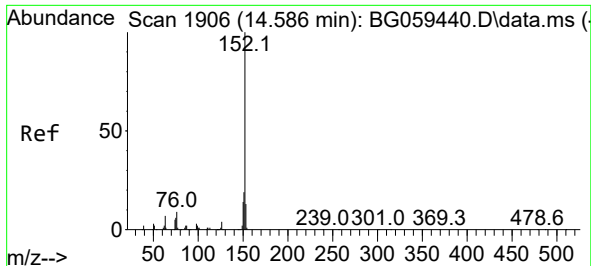
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#48
2,6-Dinitrotoluene
Concen: 3.404 ng/ul
RT: 14.446 min Scan# 1882
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:165 Resp: 4813
Ion Ratio Lower Upper
165 100
89 83.6 46.2 69.4#
121 21.3 15.1 22.7





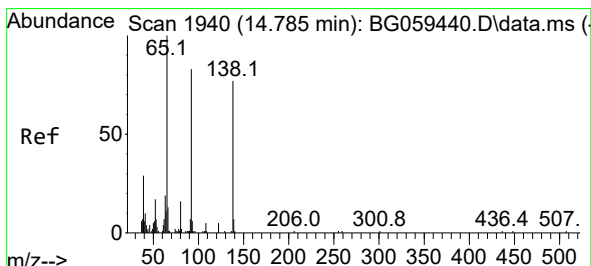
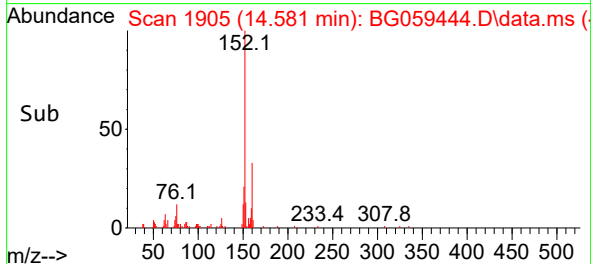
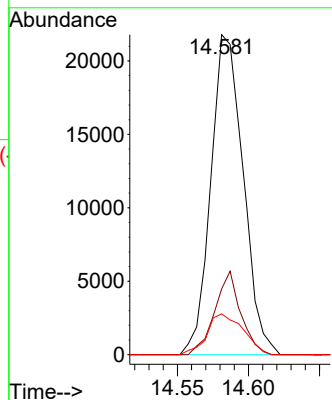
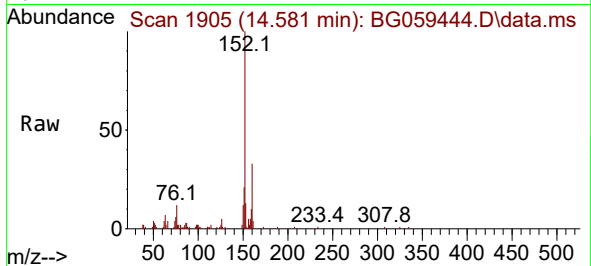
#50
Acenaphthylene
Concen: 3.534 ng/ul
RT: 14.581 min Scan# 1906
Delta R.T. -0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:152 Resp: 3450
Ion Ratio Lower Upper
152 100
151 20.6 14.8 22.2
153 12.7 9.5 14.3

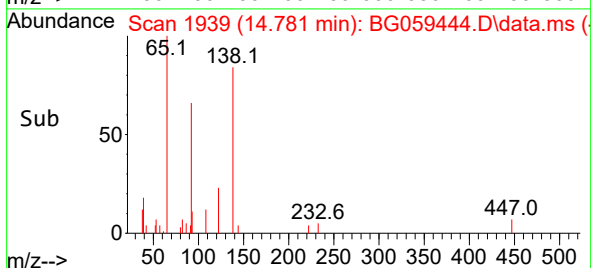
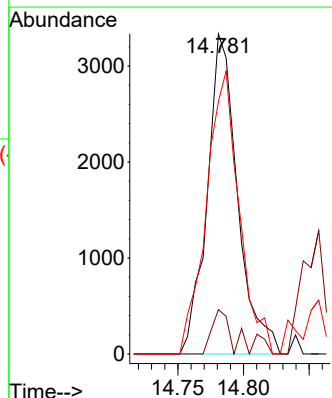
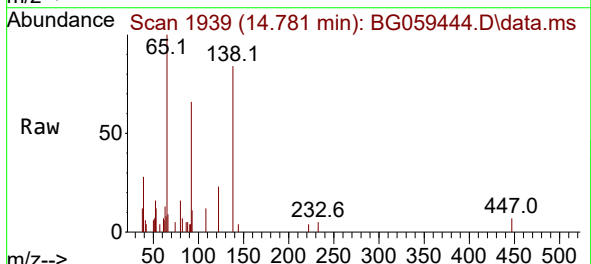
Manual Integrations
APPROVED

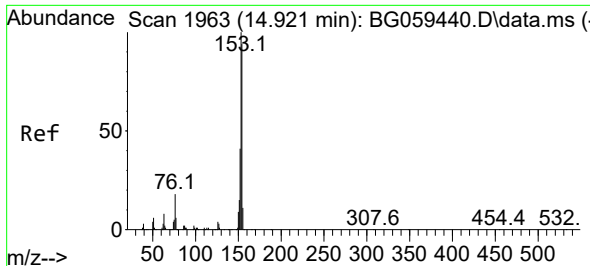
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#51
3-Nitroaniline
Concen: 3.582 ng/ul
RT: 14.781 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

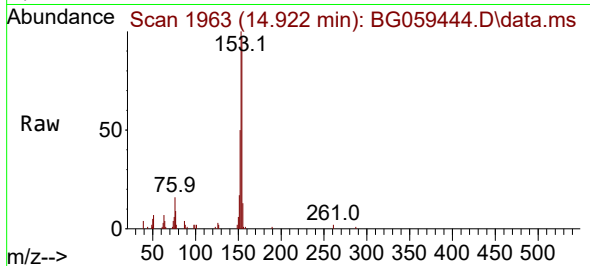
Tgt Ion:138 Resp: 5369
Ion Ratio Lower Upper
138 100
108 13.8 6.5 9.7#
92 78.9 91.6 137.4#





#52
Acenaphthene
Concen: 3.669 ng/ul
RT: 14.922 min Scan# 1963
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

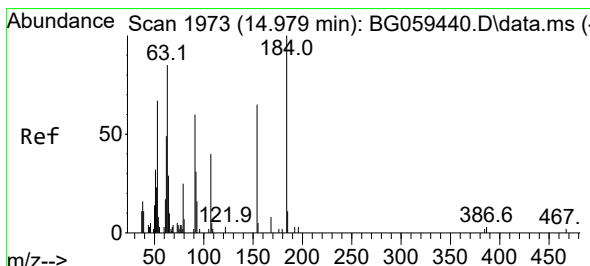
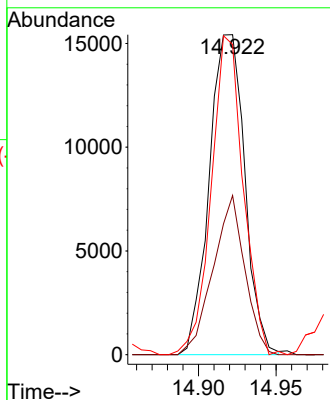
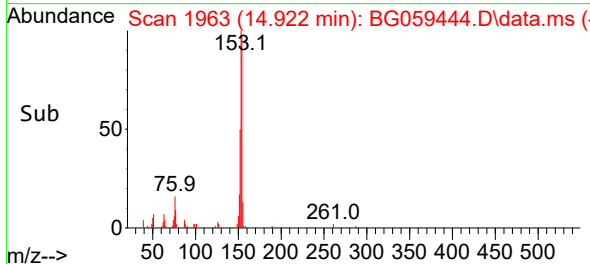
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



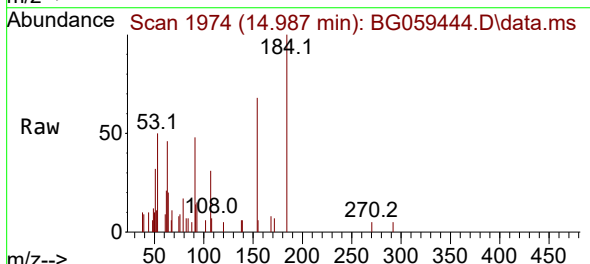
Tgt Ion:153 Resp: 24509
Ion Ratio Lower Upper
153 100
152 49.8 32.1 48.1#
154 96.9 75.2 112.8#

Manual Integrations
APPROVED

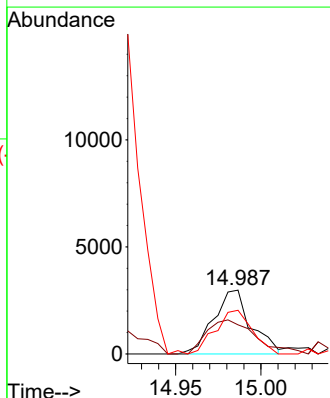
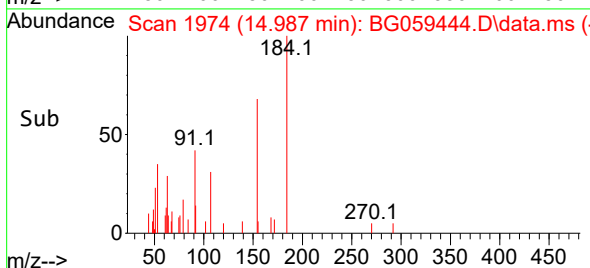
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

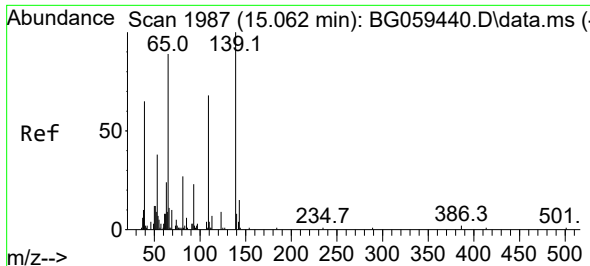


#53
2,4-Dinitrophenol
Concen: 6.081 ng/ul
RT: 14.987 min Scan# 1974
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



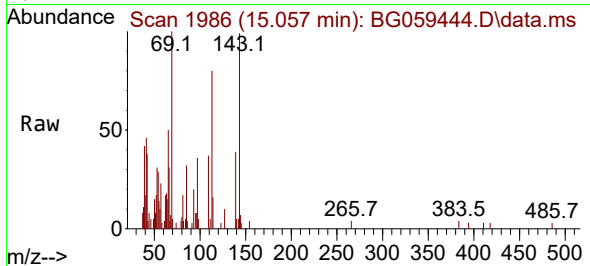
Tgt Ion:184 Resp: 4550
Ion Ratio Lower Upper
184 100
63 45.7 57.3 85.9#
154 68.3 40.6 61.0#





#55
4-Nitrophenol
Concen: 3.874 ng/ul
RT: 15.057 min Scan# 1986
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

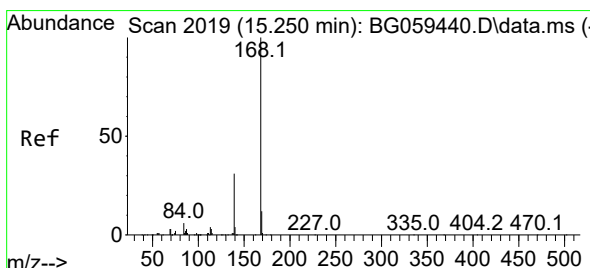
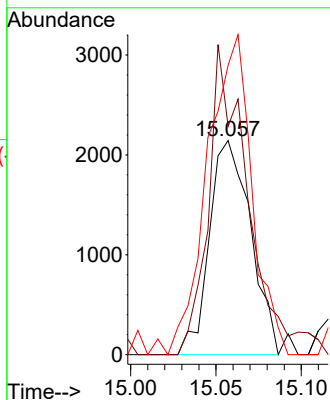
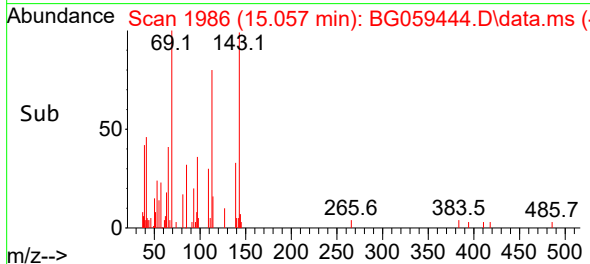
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:109 Resp: 3600
Ion Ratio Lower Upper
109 100
139 106.6 100.2 150.4
65 135.2 111.8 167.8

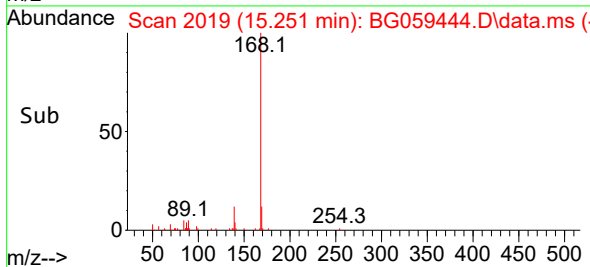
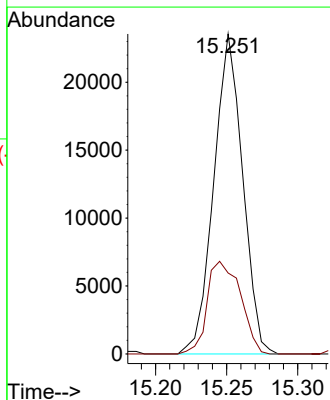
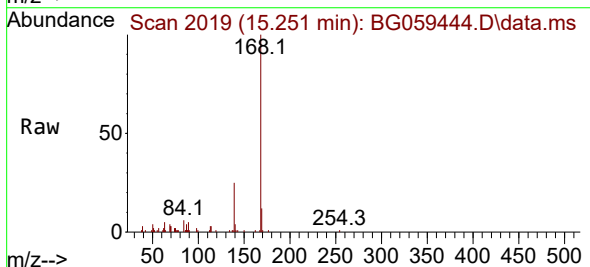
Manual Integrations
APPROVED

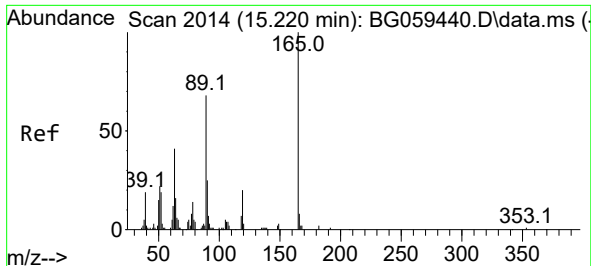
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#56
Dibenzofuran
Concen: 3.676 ng/ul
RT: 15.251 min Scan# 2019
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:168 Resp: 33203
Ion Ratio Lower Upper
168 100
139 25.3 25.9 38.9#





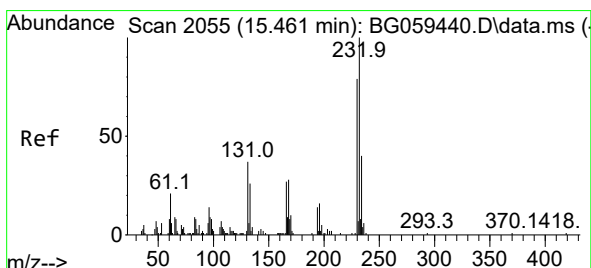
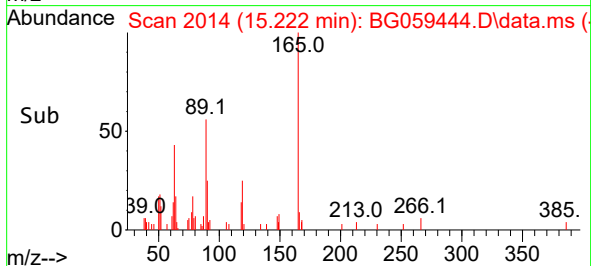
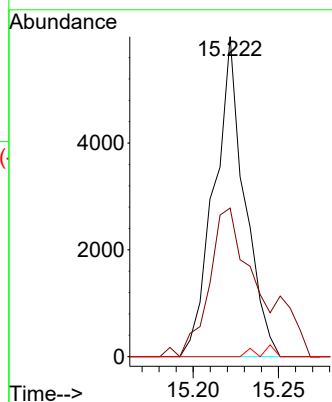
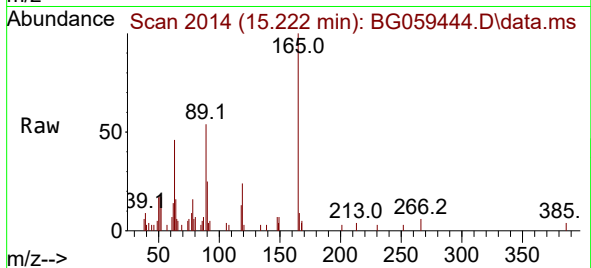
#57
2,4-Dinitrotoluene
Concen: 3.728 ng/ul
RT: 15.222 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03

Tgt Ion:165 Resp: 7410
Ion Ratio Lower Upper
165 100
63 46.5 40.8 61.2
182 0.0 1.4 2.0

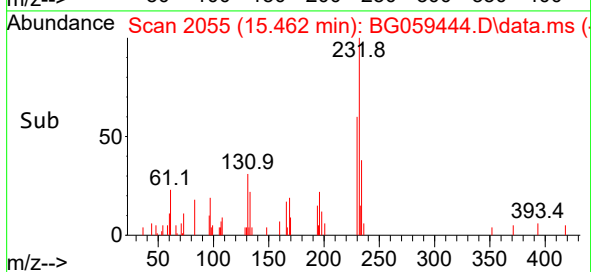
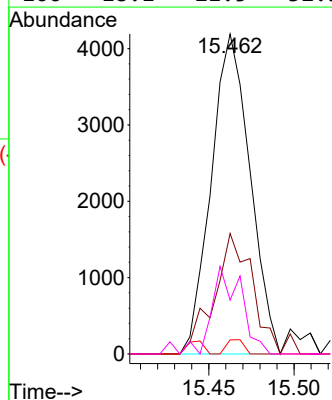
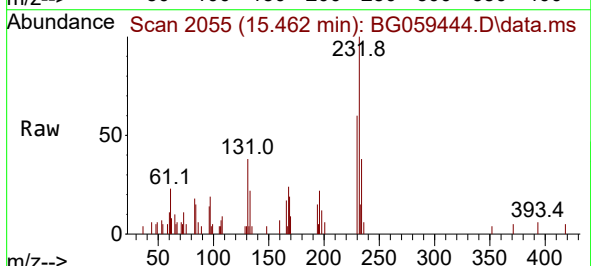
Manual Integrations
APPROVED

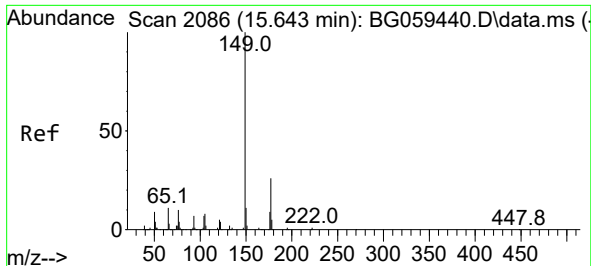
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.754 ng/ul
RT: 15.462 min Scan# 2055
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:232 Resp: 6626
Ion Ratio Lower Upper
232 100
131 32.7 30.2 45.2
130 3.8 2.0 3.0#
166 18.1 21.5 32.3#





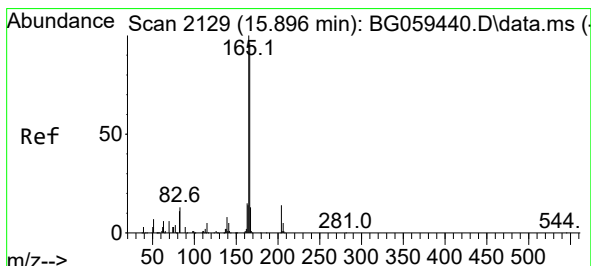
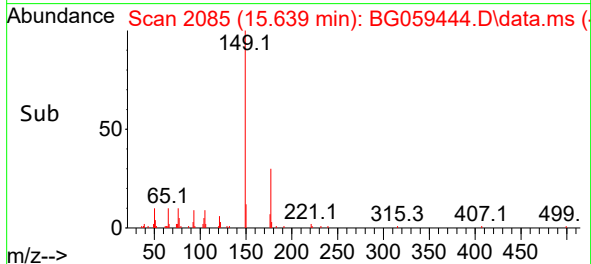
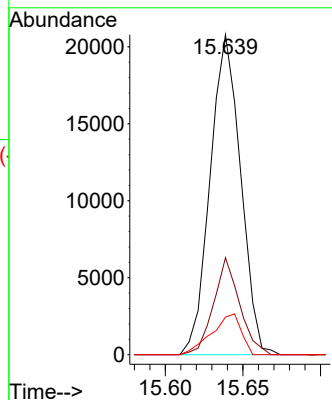
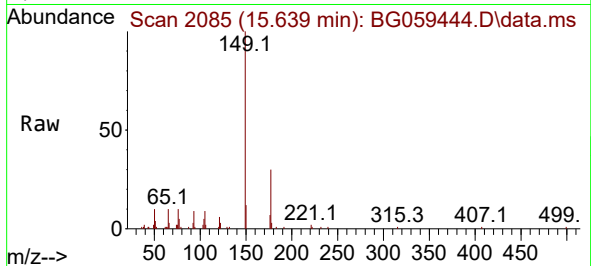
#59
Diethylphthalate
Concen: 3.826 ng/ul
RT: 15.639 min Scan# 2086
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:149 Resp: 28389
Ion Ratio Lower Upper
149 100
177 30.3 17.3 25.9
150 11.7 8.2 12.4

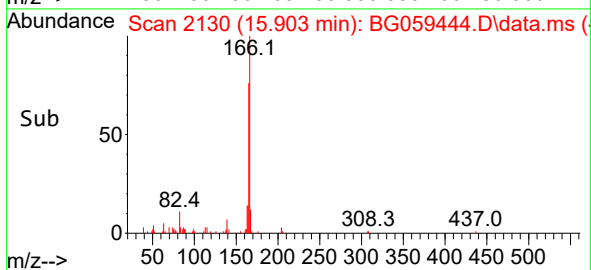
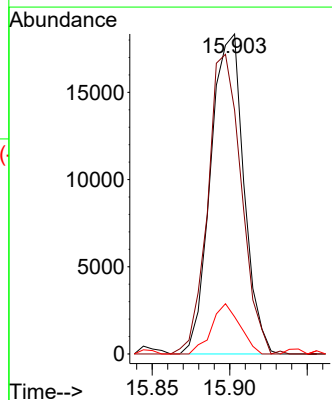
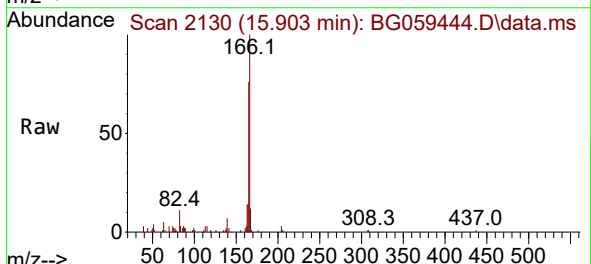
Manual Integrations
APPROVED

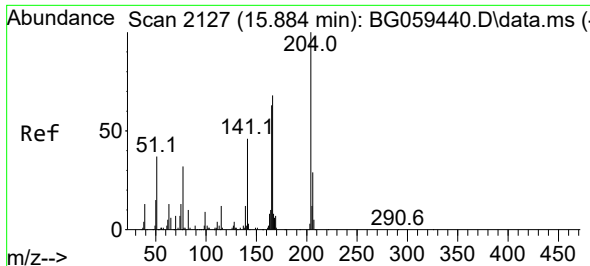
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#61
Fluorene
Concen: 3.604 ng/ul
RT: 15.903 min Scan# 2130
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

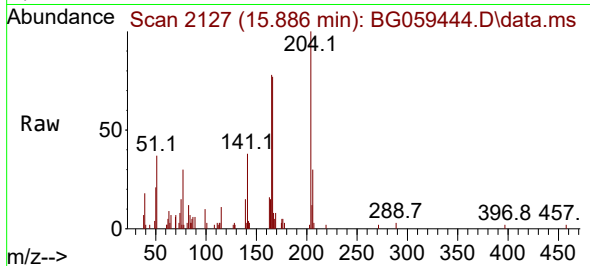
Tgt Ion:166 Resp: 27309
Ion Ratio Lower Upper
166 100
165 76.1 75.6 113.4
167 11.6 9.9 14.9





#62
4-Chlorophenyl-phenylether
Concen: 3.716 ng/ul
RT: 15.886 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

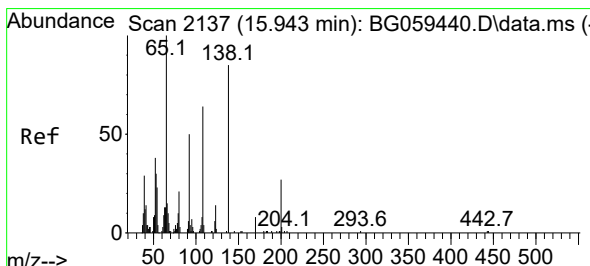
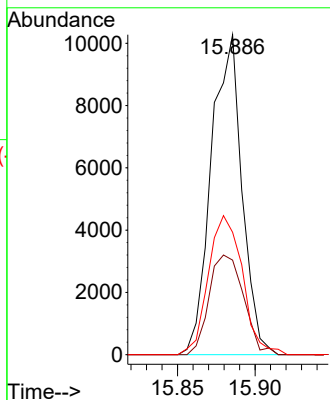
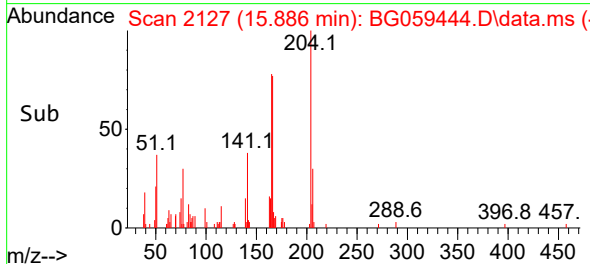
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



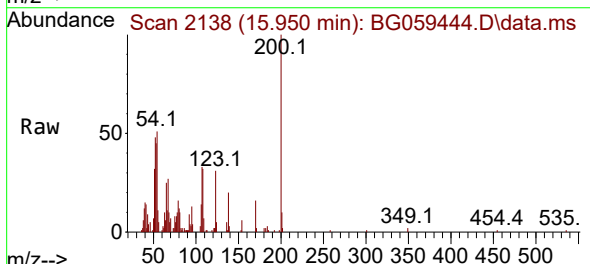
Tgt Ion:204 Resp: 14138
Ion Ratio Lower Upper
204 100
206 29.5 25.8 38.8
141 38.3 42.3 63.5

Manual Integrations
APPROVED

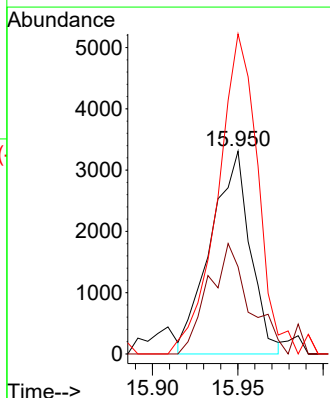
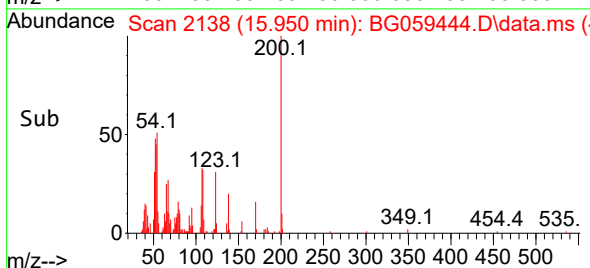
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

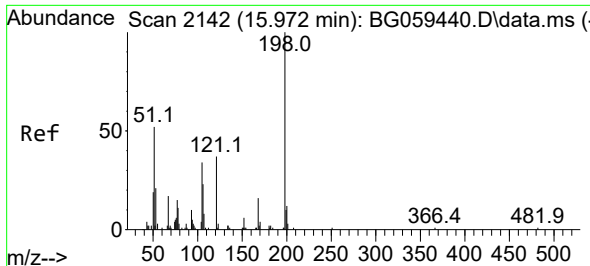


#63
4-Nitroaniline
Concen: 3.683 ng/ul
RT: 15.950 min Scan# 2138
Delta R.T. 0.009 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



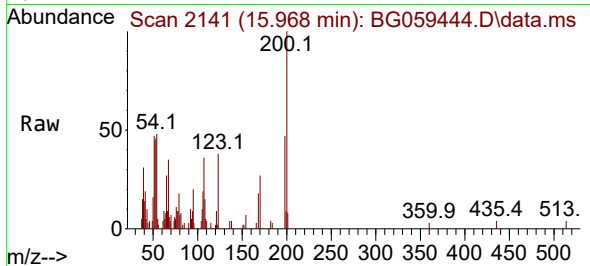
Tgt Ion:138 Resp: 5345
Ion Ratio Lower Upper
138 100
92 43.0 43.3 64.9#
108 157.8 67.9 101.9#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.158 ng/ul
RT: 15.968 min Scan# 2142
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

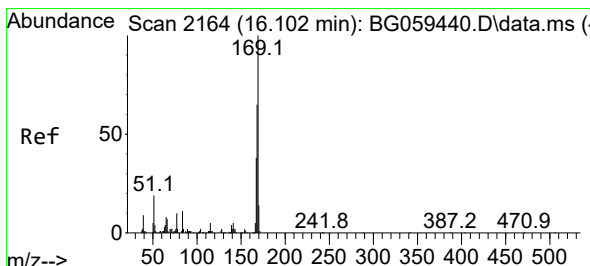
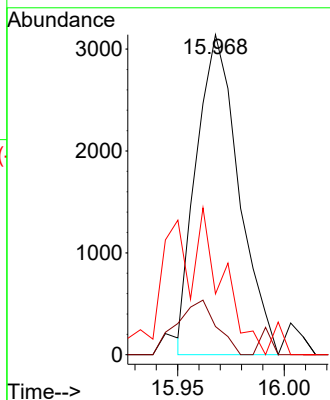
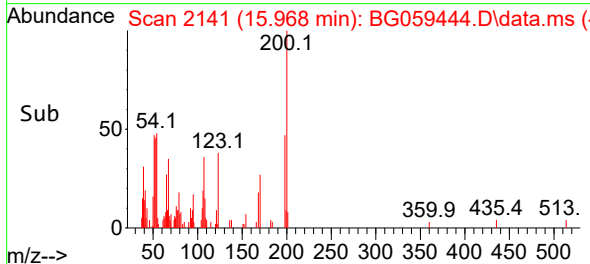
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:198 Resp: 436
Ion Ratio Lower Upper
198 100
182 8.8 4.7 7.1
77 19.0 17.7 26.5

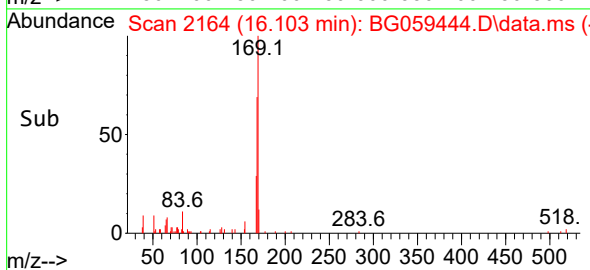
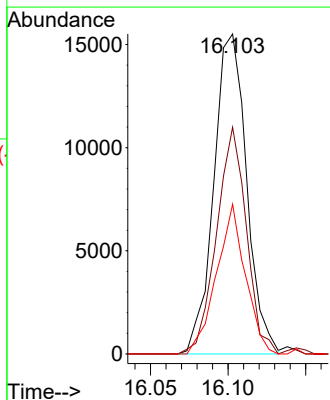
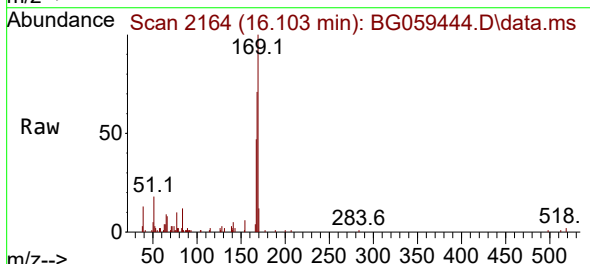
Manual Integrations
APPROVED

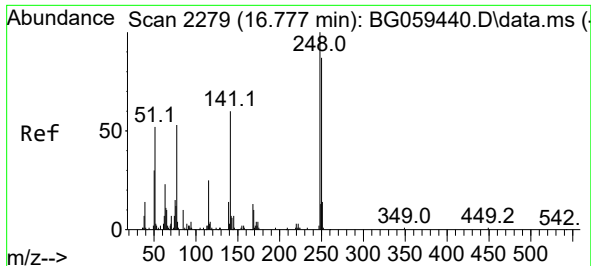
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 3.695 ng/ul
RT: 16.103 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

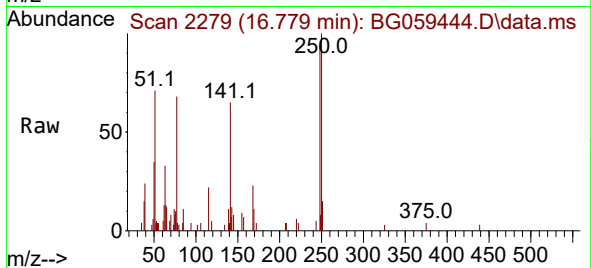
Tgt Ion:169 Resp: 22826
Ion Ratio Lower Upper
169 100
168 70.8 55.8 83.8
167 46.8 28.2 42.2





#68
4-Bromophenyl-phenylether
Concen: 3.428 ng/ul
RT: 16.779 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

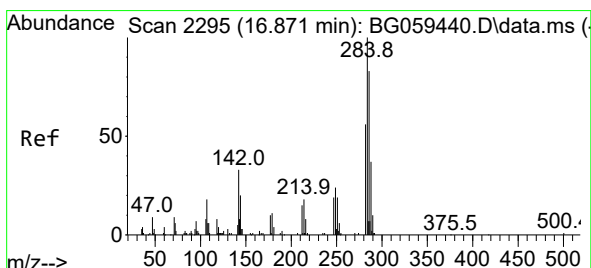
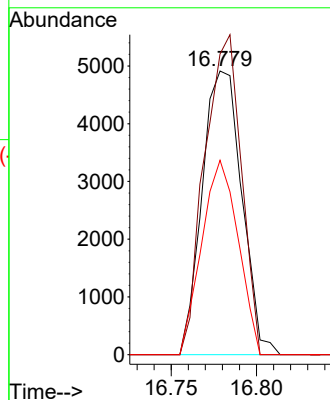
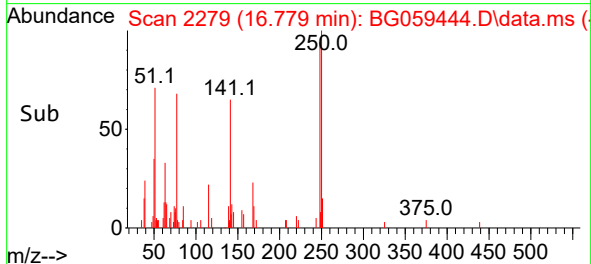
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:	248	Resp:	794
Ion Ratio	Lower	Upper	
248	100		
250	97.3	74.6	111.8
141	62.9	44.3	66.5

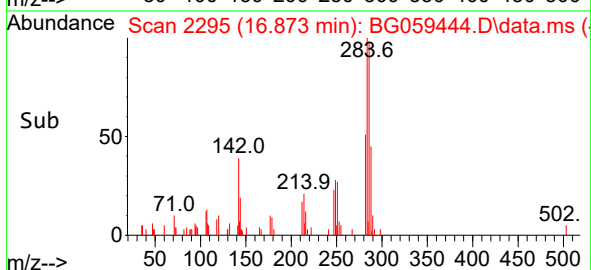
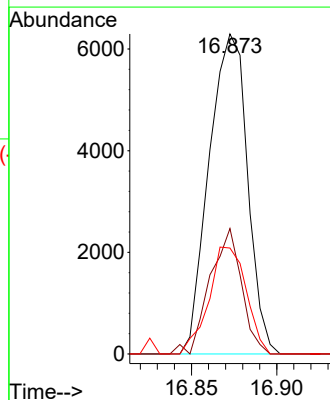
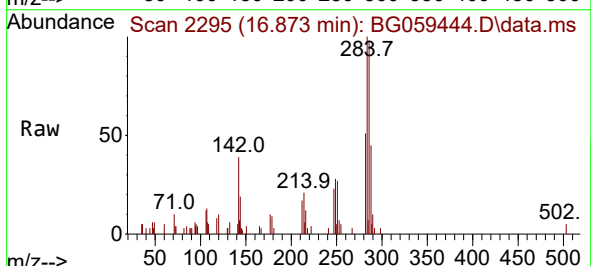
Manual Integrations
APPROVED

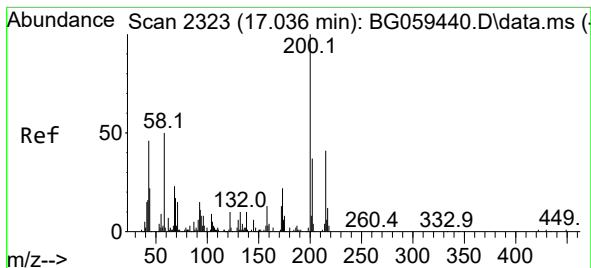
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#69
Hexachlorobenzene
Concen: 3.715 ng/ul
RT: 16.873 min Scan# 2295
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:	284	Resp:	9866
Ion Ratio	Lower	Upper	
284	100		
142	36.8	22.1	33.1#
249	31.1	23.1	34.7





#70

Atrazine

Concen: 4.193 ng/ul

RT: 17.031 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059444.D

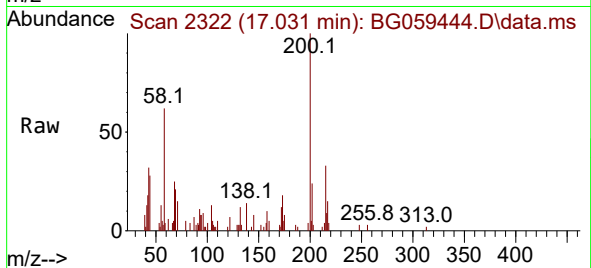
Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03



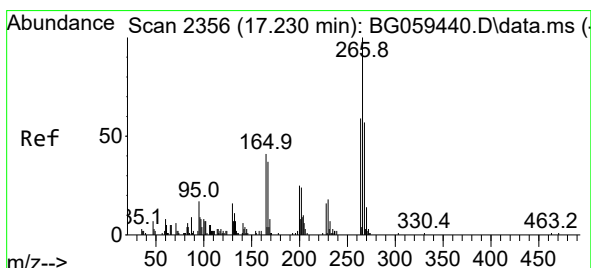
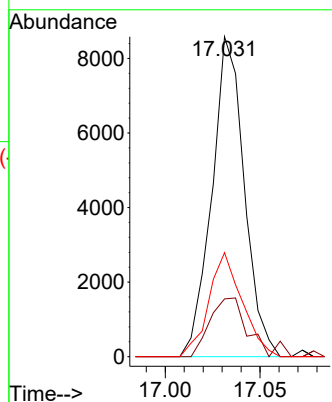
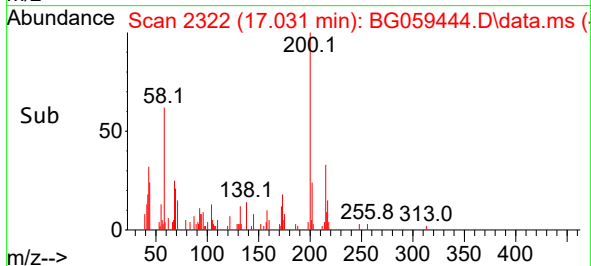
Tgt Ion:	200	Resp:	1022
Ion Ratio	Lower	Upper	
200	100		
173	23.1	22.3	33.5
215	32.5	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#71

Pentachlorophenol

Concen: 4.810 ng/ul

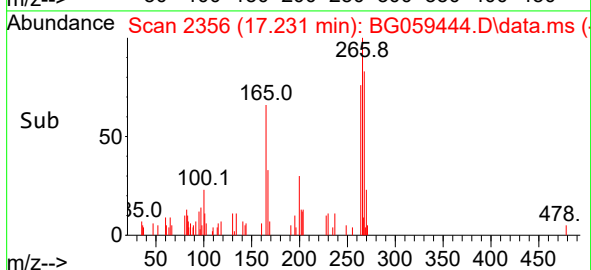
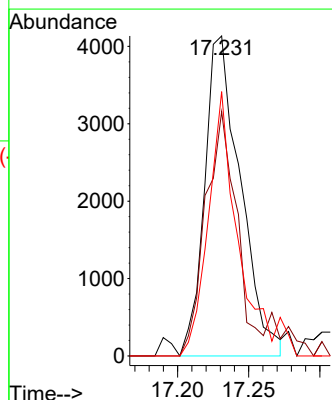
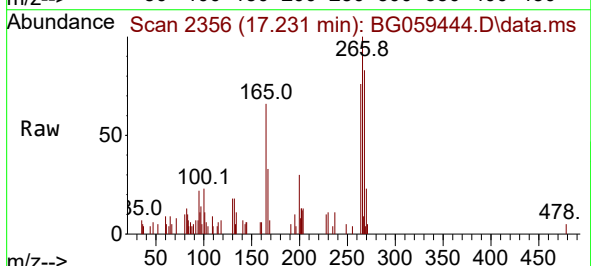
RT: 17.231 min Scan# 2356

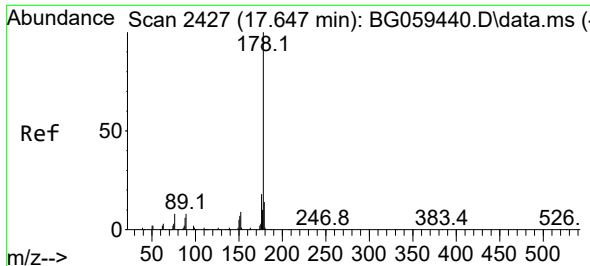
Delta R.T. 0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Tgt Ion:	266	Resp:	7240
Ion Ratio	Lower	Upper	
266	100		
264	76.3	47.9	71.9#
268	82.6	50.0	75.0#





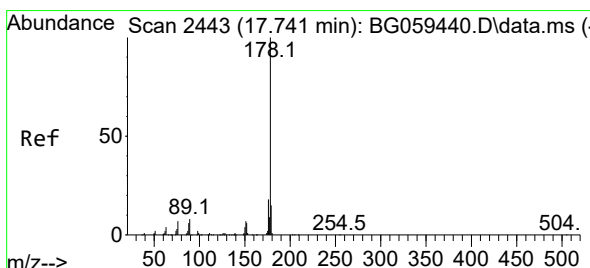
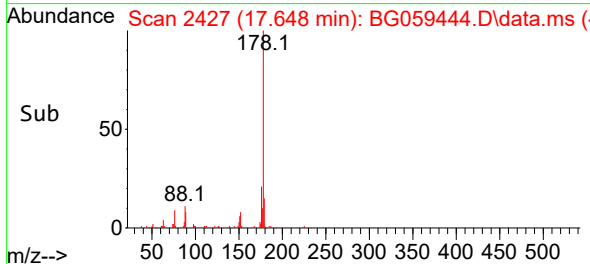
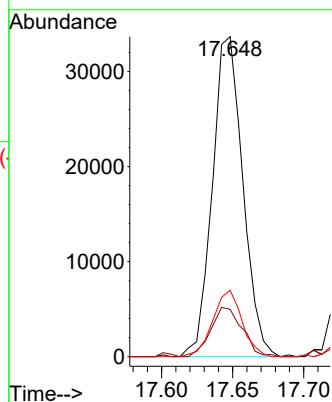
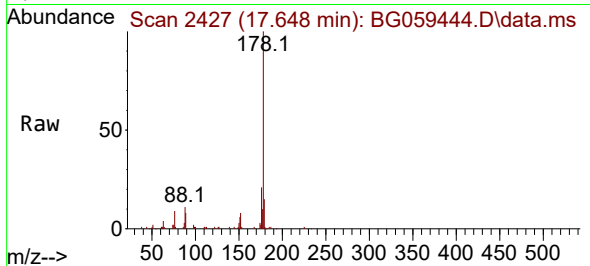
#72
Phenanthrene
Concen: 3.815 ng/ul
RT: 17.648 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:178 Resp: 50139
Ion Ratio Lower Upper
178 100
179 14.8 11.0 16.4
176 20.8 15.1 22.7

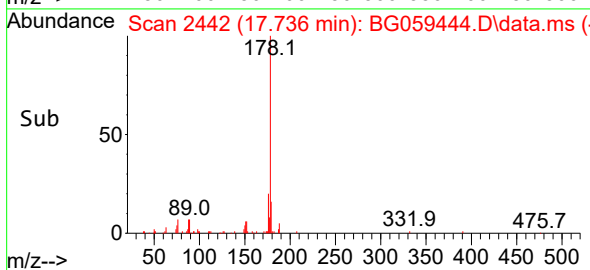
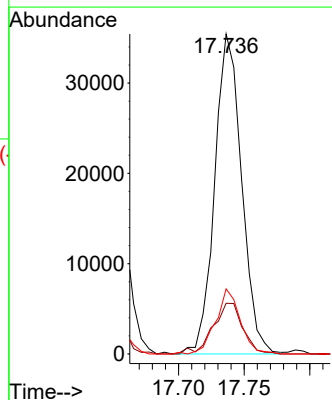
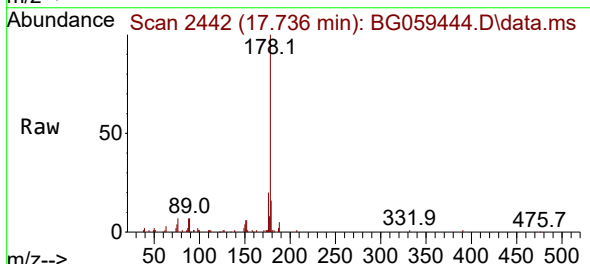
Manual Integrations
APPROVED

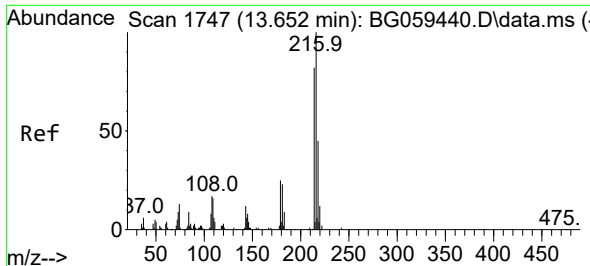
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#74
Anthracene
Concen: 3.738 ng/ul
RT: 17.736 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

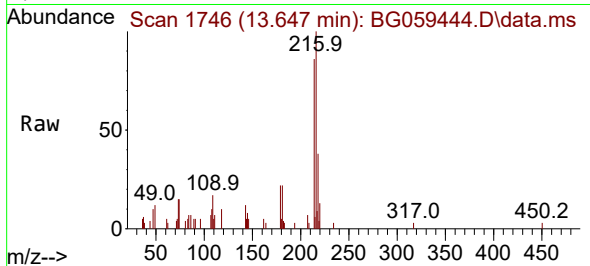
Tgt Ion:178 Resp: 50633
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 20.3 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.172 ng/uL
RT: 13.647 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

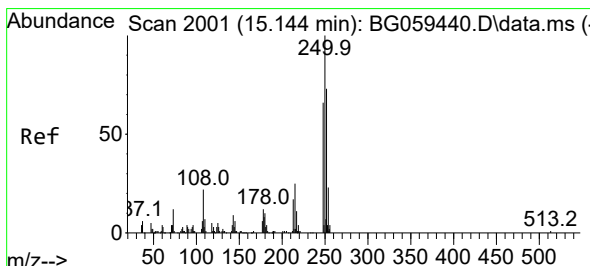
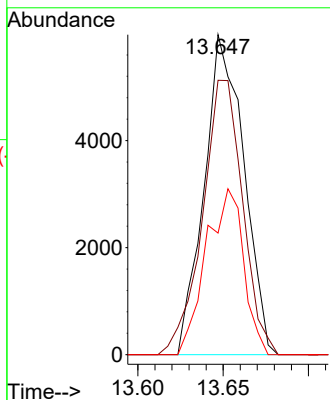
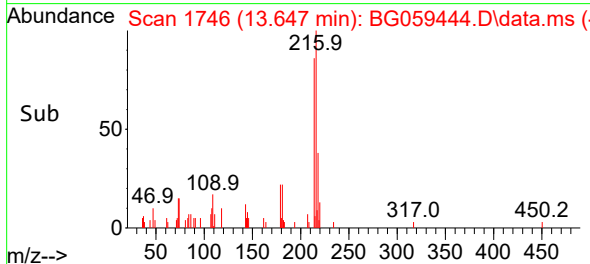
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:216 Resp: 9654
Ion Ratio Lower Upper
216 100
214 85.7 62.1 93.1
218 38.0 37.4 56.0

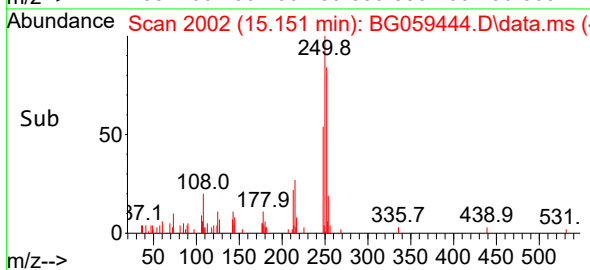
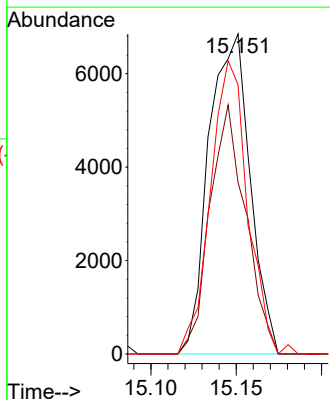
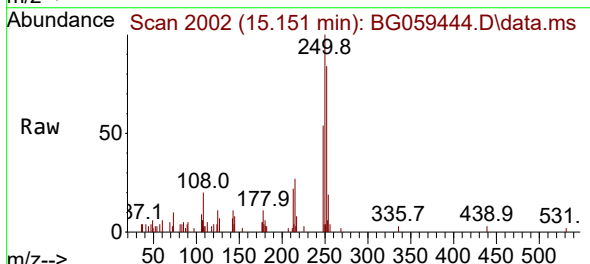
Manual Integrations
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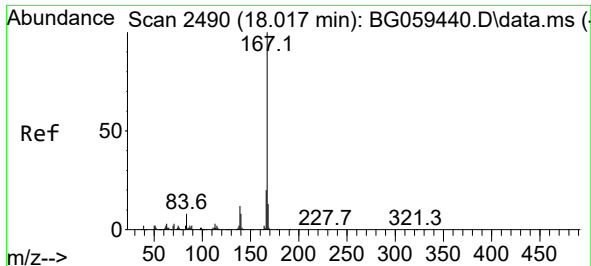
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#76
Pentachlorobenzene
Concen: 3.907 ng/uL
RT: 15.151 min Scan# 2002
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

Tgt Ion:250 Resp: 11504
Ion Ratio Lower Upper
250 100
248 51.6 50.6 75.8
252 81.0 56.4 84.6





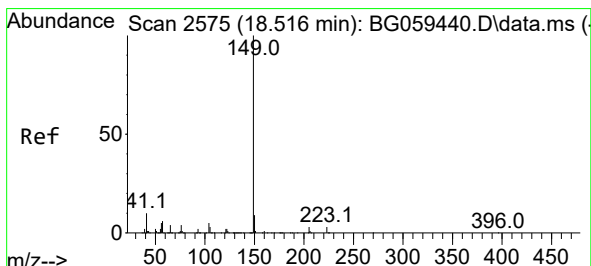
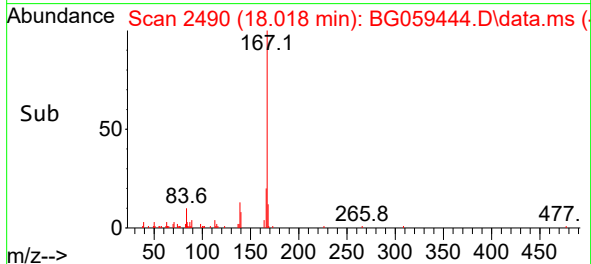
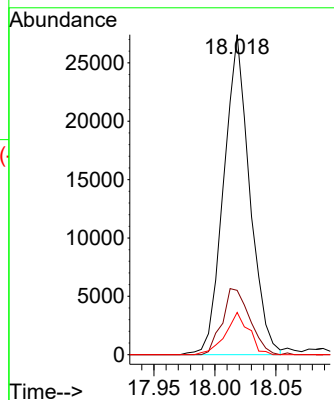
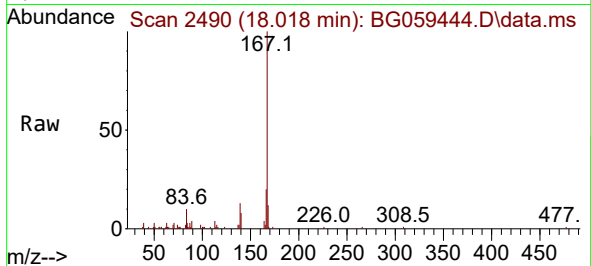
#77
 Carbazole
 Concen: 3.481 ng/ul
 RT: 18.018 min Scan# 2490
 Delta R.T. 0.003 min
 Lab File: BG059444.D
 Acq: 13 Oct 2023 15:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03

Tgt Ion:167 Resp: 4058
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.4 26.0
 139 13.2 9.0 13.6

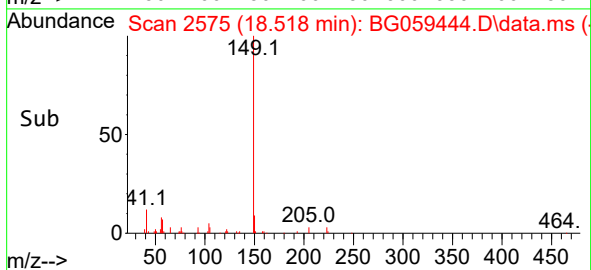
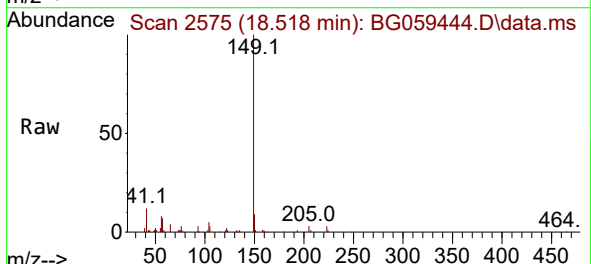
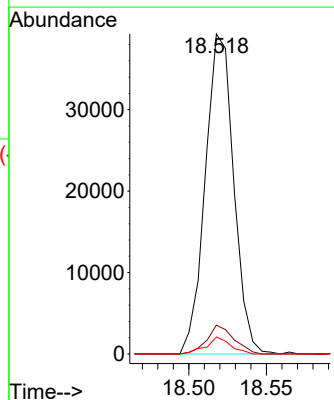
Manual Integrations
 APPROVED

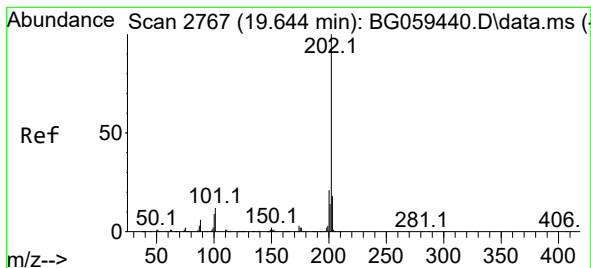
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023



#78
 Di-n-butylphthalate
 Concen: 3.779 ng/ul
 RT: 18.518 min Scan# 2575
 Delta R.T. -0.003 min
 Lab File: BG059444.D
 Acq: 13 Oct 2023 15:47

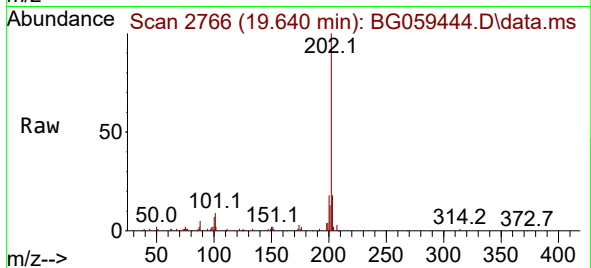
Tgt Ion:149 Resp: 50135
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 3.7 5.5





#80
Fluoranthene
Concen: 3.589 ng/ul
RT: 19.640 min Scan# 2767
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

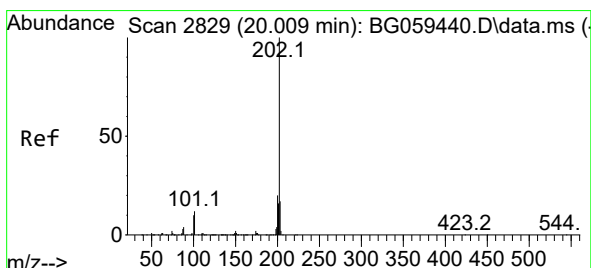
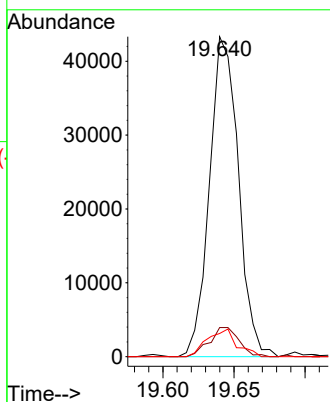
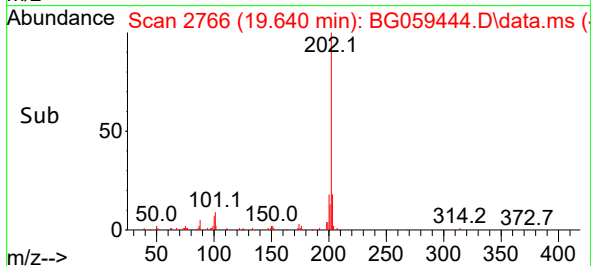
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



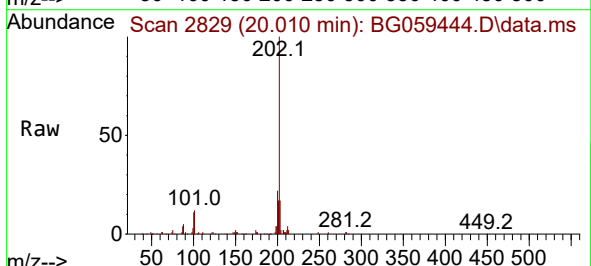
Tgt Ion:202 Resp: 6130
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 7.2 8.3 12.5

Manual Integrations
APPROVED

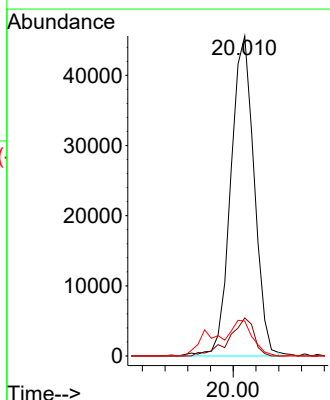
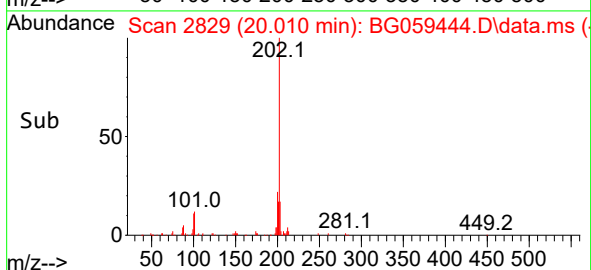
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

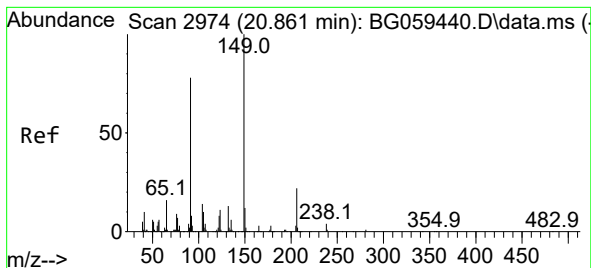


#82
Pyrene
Concen: 3.581 ng/ul
RT: 20.010 min Scan# 2829
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



Tgt Ion:202 Resp: 65008
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 10.9 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.553 ng/ul

RT: 20.862 min Scan# 2974

Delta R.T. -0.003 min

Lab File: BG059444.D

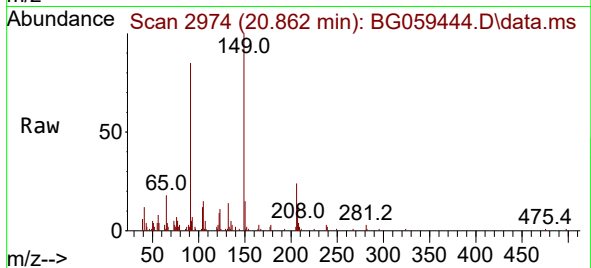
Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03



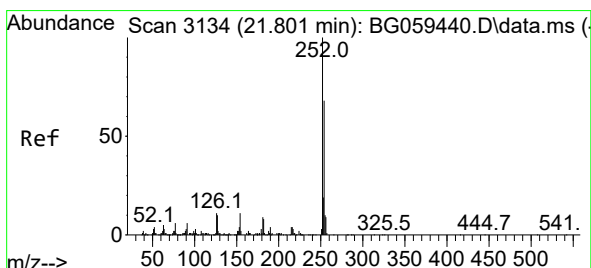
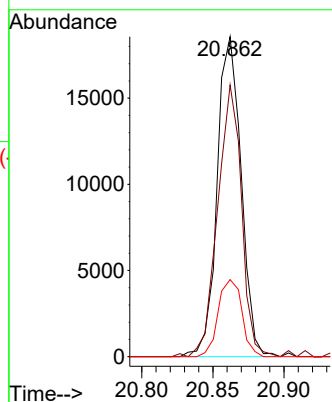
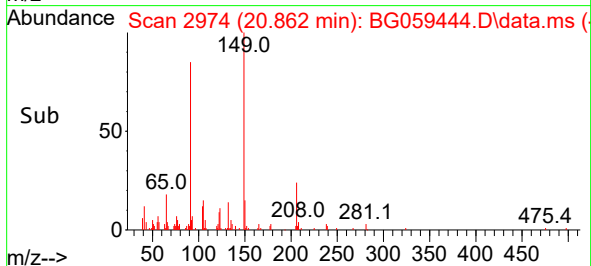
Tgt Ion:	149	Resp:	2178
Ion Ratio	Lower	Upper	
149	100		
91	84.9	66.4	99.6
206	24.1	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.190 ng/ul

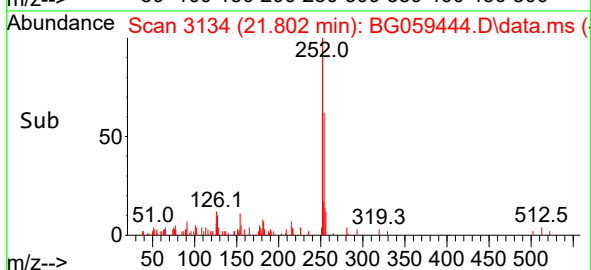
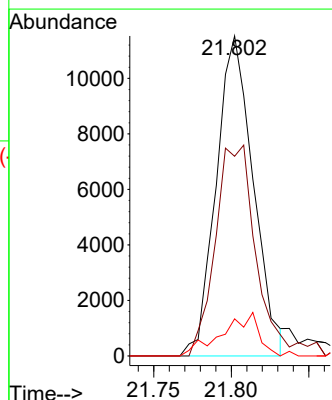
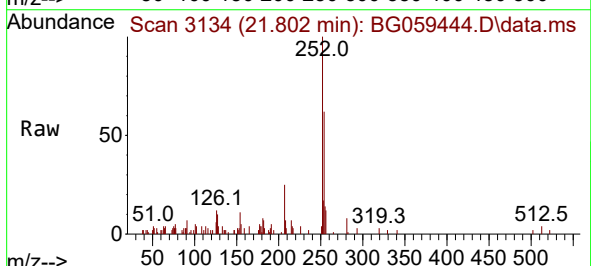
RT: 21.802 min Scan# 3134

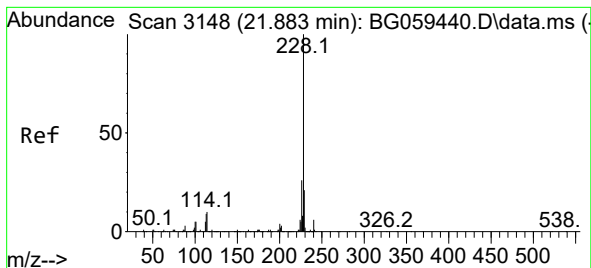
Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Tgt Ion:	252	Resp:	19146
Ion Ratio	Lower	Upper	
252	100		
254	62.4	53.8	80.6
126	11.6	8.6	12.8





#85

Benzo(a)anthracene

Concen: 3.843 ng/ul

RT: 21.884 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

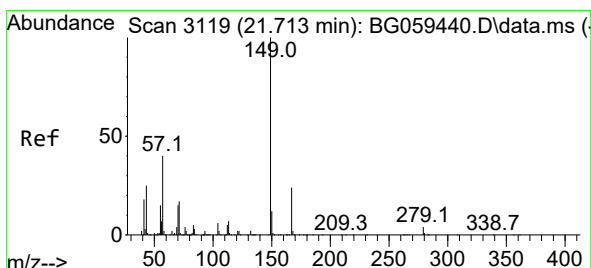
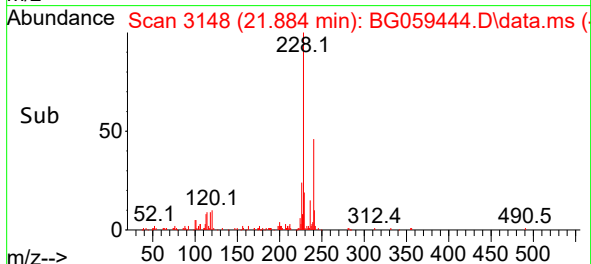
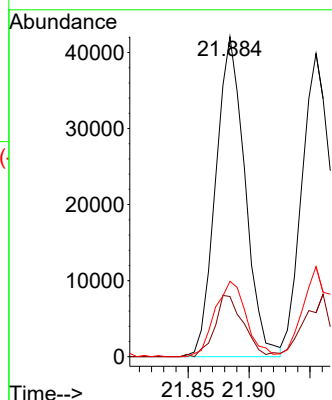
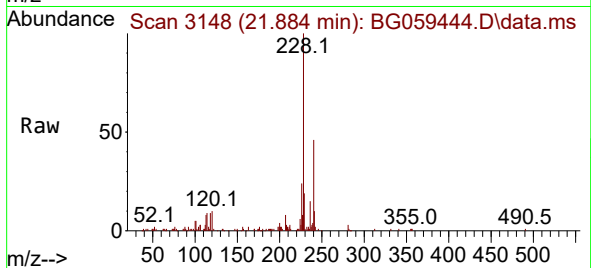
Tgt Ion:	228	Resp:	7020
Ion Ratio	Lower	Upper	
228	100		
229	18.8	15.0	22.4
226	23.5	20.8	31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.646 ng/ul

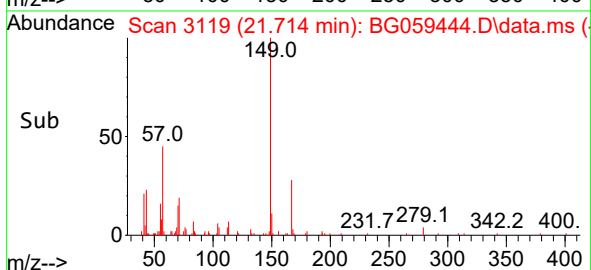
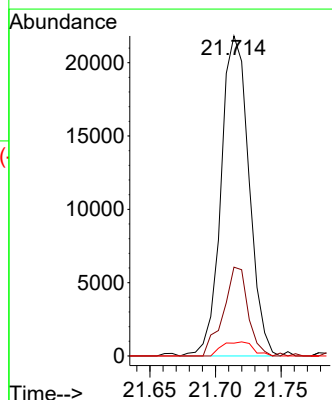
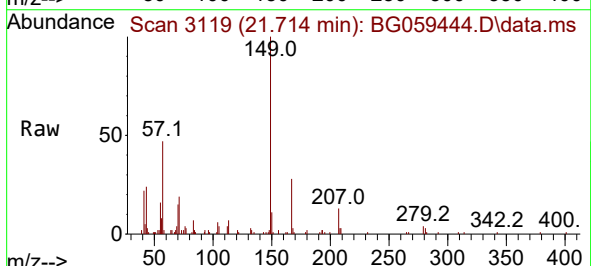
RT: 21.714 min Scan# 3119

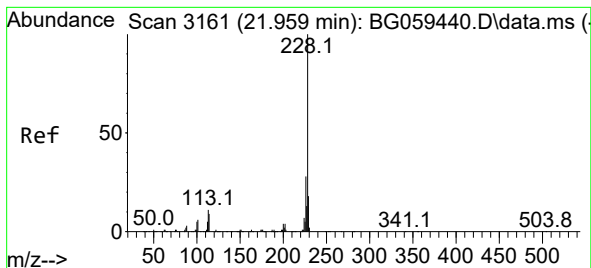
Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Tgt Ion:	149	Resp:	32233
Ion Ratio	Lower	Upper	
149	100		
167	27.7	20.8	31.2
279	4.0	2.7	4.1





#87

Chrysene

Concen: 3.912 ng/ul m

RT: 21.955 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

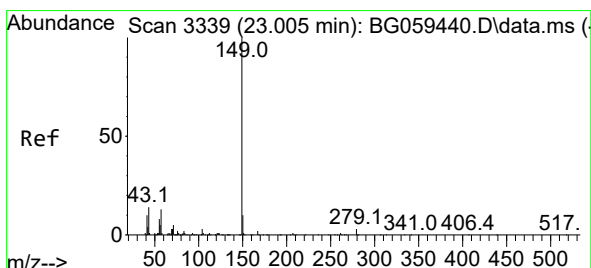
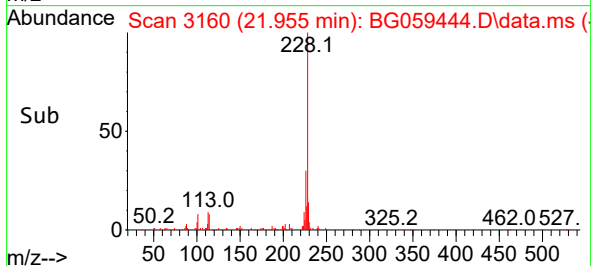
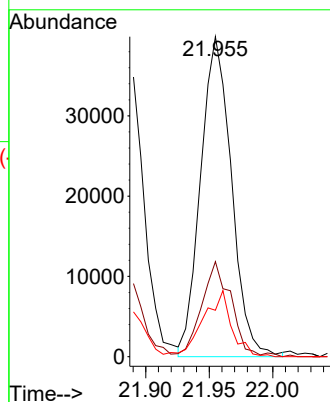
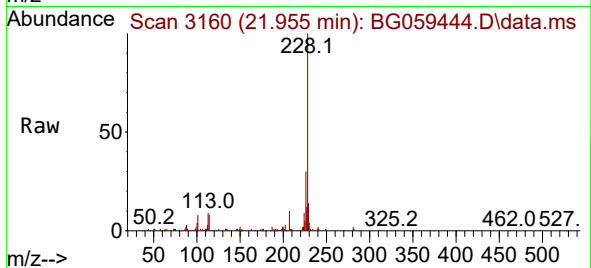
Tgt Ion:228	Resp: 67324
Ion Ratio	Lower Upper
228 100	
226 29.7	23.0 34.6
229 14.5	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#89

Di-n-octyl phthalate

Concen: 3.312 ng/ul

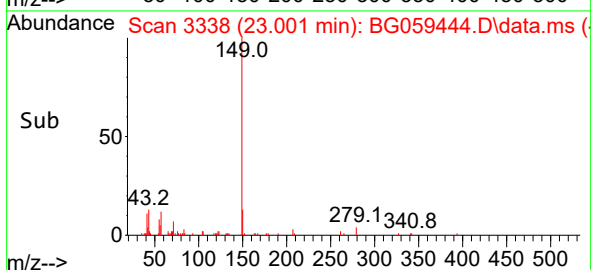
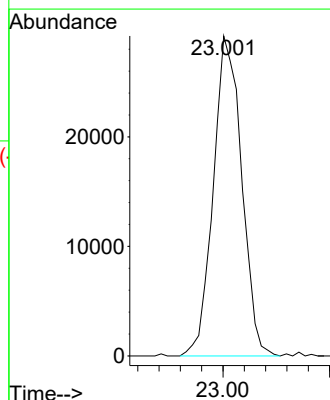
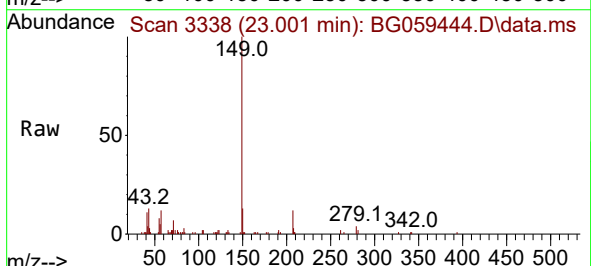
RT: 23.001 min Scan# 3338

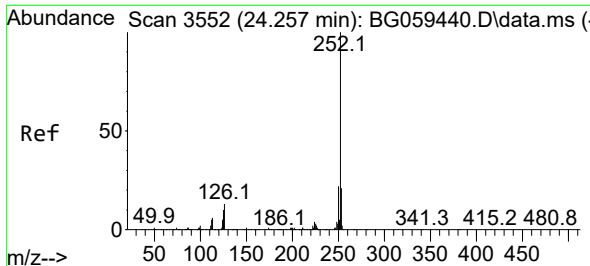
Delta R.T. -0.003 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

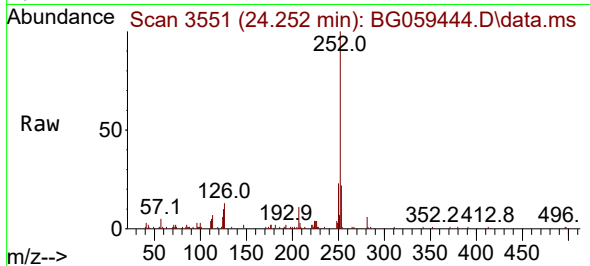
Tgt Ion:149 Resp: 53849





#90
Benzo(b)fluoranthene
Concen: 3.568 ng/ul
RT: 24.252 min Scan# 3552
Delta R.T. -0.008 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

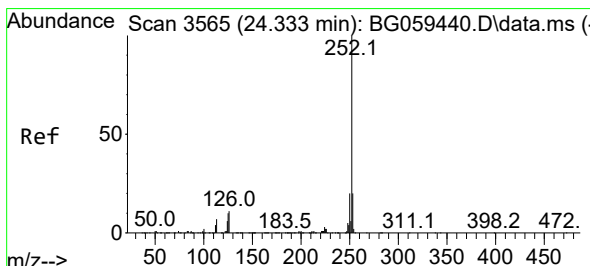
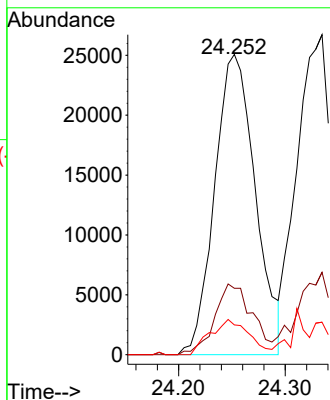
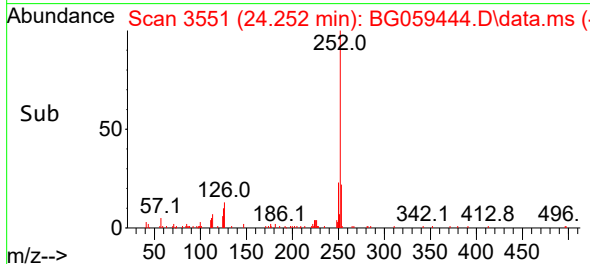
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:252 Resp: 66584
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 9.9 6.9 10.3

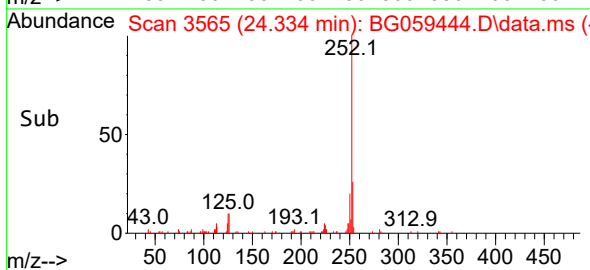
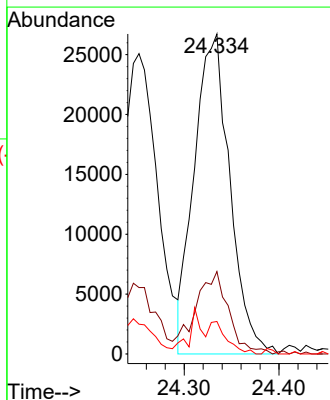
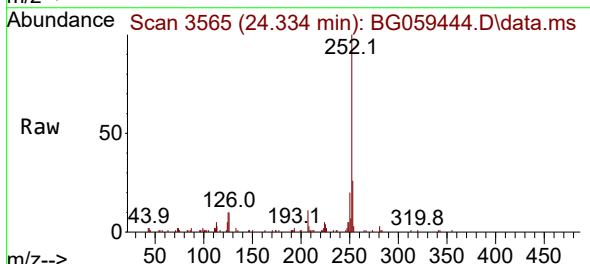
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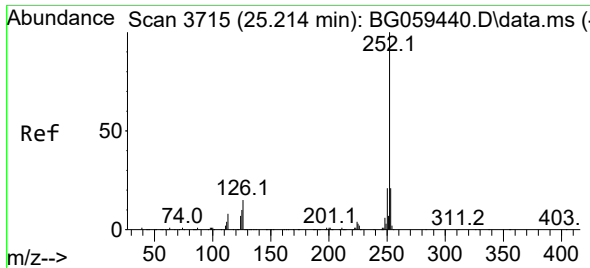
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#91
Benzo(k)fluoranthene
Concen: 3.637 ng/ul
RT: 24.334 min Scan# 3565
Delta R.T. 0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

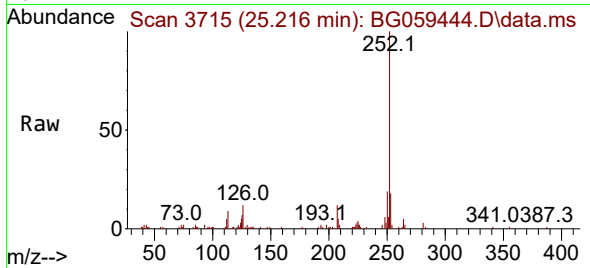
Tgt Ion:252 Resp: 69578
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 10.2 6.9 10.3





#93
Benzo(a)pyrene
Concen: 3.728 ng/ul
RT: 25.216 min Scan# 3715
Delta R.T. -0.003 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47

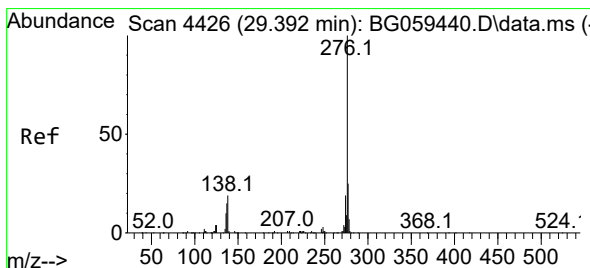
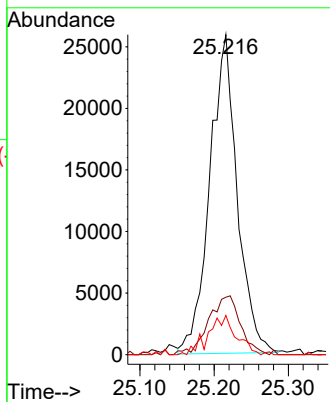
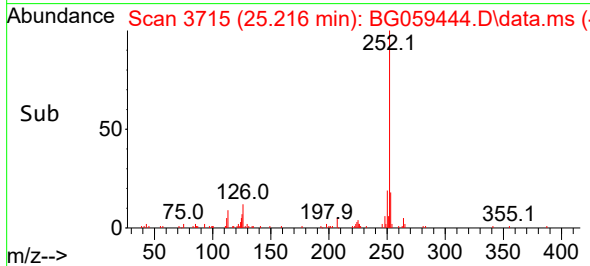
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



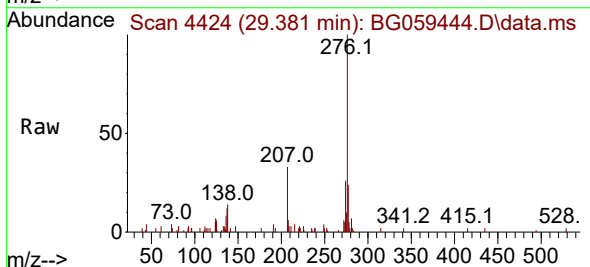
Tgt Ion:252 Resp: 6670
Ion Ratio Lower Upper
252 100
253 18.0 17.7 26.5
125 12.3 8.6 12.8

Manual Integrations
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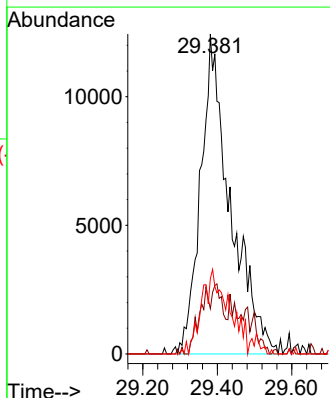
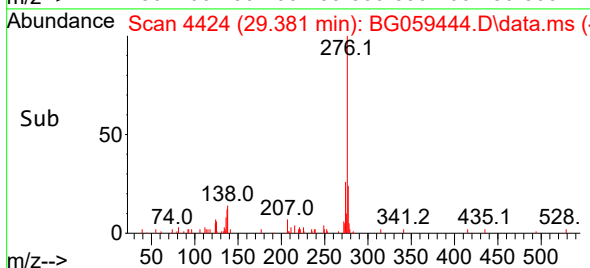
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

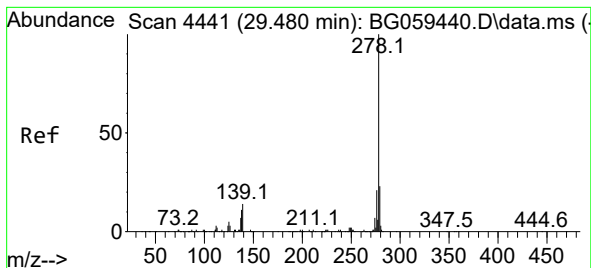


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.417 ng/ul m
RT: 29.381 min Scan# 4424
Delta R.T. -0.026 min
Lab File: BG059444.D
Acq: 13 Oct 2023 15:47



Tgt Ion:276 Resp: 68755
Ion Ratio Lower Upper
276 100
138 14.1 13.4 20.2
277 23.6 18.7 28.1





#95

Dibenzo(a,h)anthracene

Concen: 3.564 ng/ul m

RT: 29.446 min Scan# 4441

Delta R.T. -0.032 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

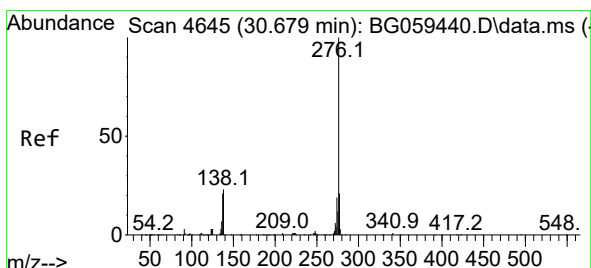
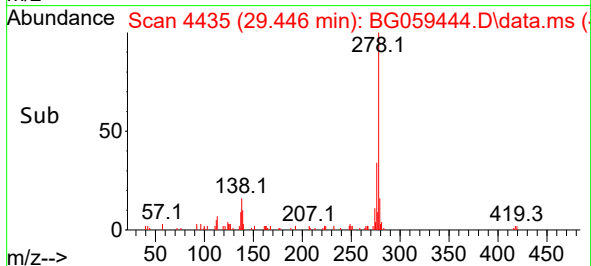
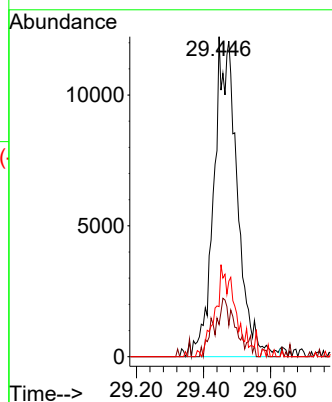
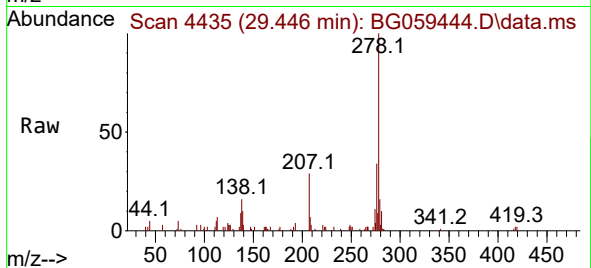
Tgt Ion:	278	Resp:	59270
Ion Ratio	Lower	Upper	
278	100		
139	10.1	12.1	18.1
279	15.6	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#96

Benzo(g,h,i)perylene

Concen: 3.480 ng/ul m

RT: 30.662 min Scan# 4642

Delta R.T. -0.020 min

Lab File: BG059444.D

Acq: 13 Oct 2023 15:47

Tgt Ion:	276	Resp:	56866
Ion Ratio	Lower	Upper	
276	100		
138	16.4	16.5	24.7
277	27.7	12.9	19.3

