

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059453.D
 Acq On : 16 Oct 2023 12:15
 Operator : MA/JU
 Sample : 02215-06
 Misc : SFAM-MD-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

Quant Time: Oct 17 03:43:12 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 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	31467	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	145557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.856	164	95004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	298505	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.913	240	248846	20.000	ng/ul	0.00
88) Perylene-d12	25.385	264	280540	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	5352	5.334	ng/uL	0.00
4) Pyridine-d5	3.945	84	80618	29.355	ng/ul	0.00
7) Phenol-d5	7.341	99	77451	22.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.535	67	44951	22.892	ng/ul	0.00
11) 2-Chlorophenol-d4	7.735	132	57740	23.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	54459	20.730	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	28399	23.625	ng/ul	0.00
24) 2-Nitrophenol-d4	10.132	143	29265	24.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.661	165	53328	21.869	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	80985	20.927	ng/ul	0.00
46) Dimethylphthalate-d6	14.251	166	188132	23.373	ng/ul	0.00
49) Acenaphthylene-d8	14.557	160	216507	22.308	ng/ul	0.00
54) 4-Nitrophenol-d4	15.044	143	31167	22.417	ng/ul	0.00
60) Fluorene-d10	15.843	176	175887	23.215	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	31252	17.134	ng/ul	0.00
73) Anthracene-d10	17.706	188	348369	22.699	ng/ul	0.00
81) Pyrene-d10	19.980	212	342623	22.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.144	264	370591	24.129	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.552	88	1195m	0.957	ng/uL	
5) Pyridine	3.969	79	13410	4.944	ng/ul#	73
6) Benzaldehyde	7.359	77	7013	4.630	ng/ul	92
8) Phenol	7.371	94	11642	3.391	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.635	93	10759	3.998	ng/ul#	83
12) 2-Chlorophenol	7.770	128	8517	3.384	ng/ul	94
13) 2-Methylphenol	8.646	108	8962	3.561	ng/ul#	81
14) 2,2'-oxybis(1-Chloropr...	8.716	45	19854	3.524	ng/ul#	93
16) Acetophenone	9.057	105	14907	3.781	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.016	70	6680	3.694	ng/ul#	87
18) 4-Methylphenol	8.975	108	9498	3.482	ng/ul	99
19) Hexachloroethane	9.304	117	3081	3.180	ng/ul#	70
22) Nitrobenzene	9.457	77	9234	3.443	ng/ul	93
23) Isophorone	9.962	82	22124	3.884	ng/ul#	91
25) 2-Nitrophenol	10.173	139	5227	4.073	ng/ul#	81
26) 2,4-Dimethylphenol	10.197	107	8895	3.310	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.450	93	13419	3.688	ng/ul#	89
29) 2,4-Dichlorophenol	10.696	162	9443	4.018	ng/ul#	86
30) Naphthalene	11.108	128	32538	3.714	ng/ul	97
32) 4-Chloroaniline	11.225	127	11989	3.300	ng/ul#	84
33) Hexachlorobutadiene	11.337	225	6863	4.415	ng/ul#	91
34) Caprolactam	12.012	113	2896	3.489	ng/ul	86
35) 4-Chloro-3-methylphenol	12.306	107	8255	3.439	ng/ul#	85
36) 2-Methylnaphthalene	12.694	142	20707	3.663	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.911	142	21930	3.810	ng/ul#	86
39) 1,2,4,5-Tetrachloroben...	13.041	216	11746	3.828	ng/ul#	94
40) Hexachlorocyclopentadiene	13.000	237	8428	4.749	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.287	196	5704	3.025	ng/ul	82
42) 2,4,5-Trichlorophenol	13.358	196	6948	3.348	ng/ul#	86
43) 1,1'-Biphenyl	13.693	154	30699	3.613	ng/ul#	90
44) 2-Chloronaphthalene	13.746	162	24002	3.692	ng/ul	91
45) 2-Nitroaniline	13.963	65	6008	3.478	ng/ul#	87
47) Dimethylphthalate	14.298	163	31720	3.932	ng/ul#	97
48) 2,6-Dinitrotoluene	14.445	165	5504	3.705	ng/ul#	68
50) Acenaphthylene	14.586	152	36250	3.534	ng/ul	95
51) 3-Nitroaniline	14.780	138	5182	3.291	ng/ul#	82
52) Acenaphthene	14.921	153	26311	3.749	ng/ul	95
53) 2,4-Dinitrophenol	14.980	184	5150	6.551	ng/ul#	86
55) 4-Nitrophenol	15.056	109	3416	3.493	ng/ul#	81
56) Dibenzofuran	15.250	168	35958	3.789	ng/ul	99
57) 2,4-Dinitrotoluene	15.220	165	7772	3.719	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.456	232	6590	3.554	ng/ul#	93
59) Diethylphthalate	15.638	149	30517	3.914	ng/ul#	89
61) Fluorene	15.896	166	29532	3.709	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.884	204	15655	3.917	ng/ul	91
63) 4-Nitroaniline	15.943	138	6165	4.044	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	15.967	198	5190	2.661	ng/ul#	94
67) N-Nitrosodiphenylamine	16.102	169	23884	2.737	ng/ul	98
68) 4-Bromophenyl-phenylether	16.783	248	9114	2.785	ng/ul	96
69) Hexachlorobenzene	16.866	284	10019	2.671	ng/ul#	91
70) Atrazine	17.036	200	9690	2.814	ng/ul	93
71) Pentachlorophenol	17.230	266	8544m	4.019	ng/ul	
72) Phenanthrene	17.647	178	68384	3.684	ng/ul#	95
74) Anthracene	17.741	178	69043m	3.609	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.646	216	11101	2.582	ng/uL#	82
76) Pentachlorobenzene	15.144	250	12408	2.983	ng/uL	94
77) Carbazole	18.017	167	55720m	3.384	ng/ul	
78) Di-n-butylphthalate	18.522	149	63804	3.405	ng/ul#	97
80) Fluoranthene	19.645	202	65577	3.572	ng/ul	95
82) Pyrene	20.009	202	74384	3.812	ng/ul#	95
83) Butylbenzylphthalate	20.861	149	23986	3.641	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.807	252	22047	3.417	ng/ul	97
85) Benzo(a)anthracene	21.889	228	73407m	3.739	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.719	149	34187	3.598	ng/ul#	95
87) Chrysene	21.960	228	71377	3.859	ng/ul	97
89) Di-n-octyl phthalate	23.011	149	56973	3.432	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	72973	3.830	ng/ul#	89
91) Benzo(k)fluoranthene	24.333	252	76273	3.905	ng/ul#	95
93) Benzo(a)pyrene	25.221	252	69844	3.822	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.410	276	75440m	3.671	ng/ul	
95) Dibenzo(a,h)anthracene	29.480	278	62023m	3.652	ng/ul	
96) Benzo(g,h,i)perylene	30.667	276	61981m	3.715	ng/ul	

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

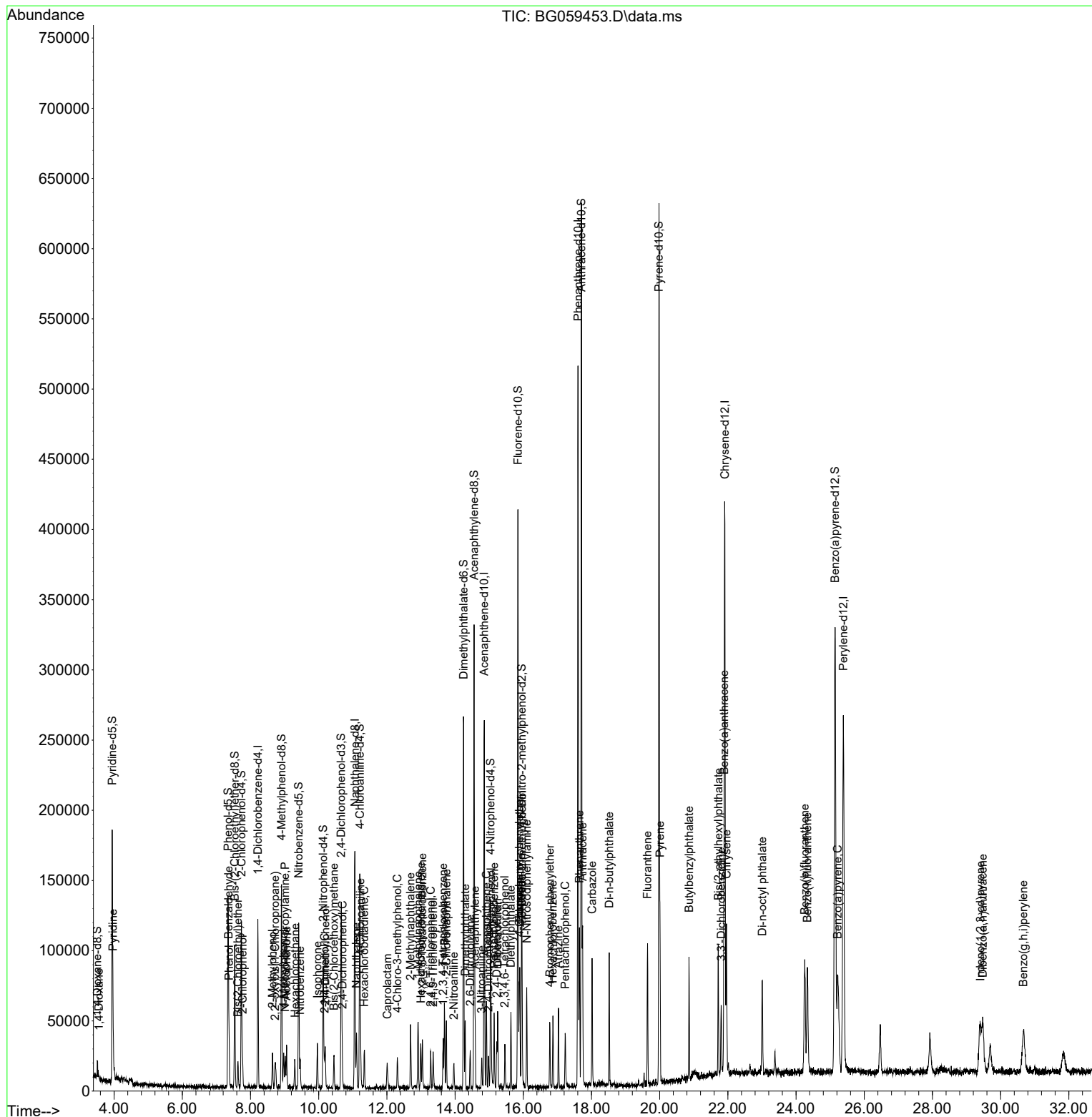
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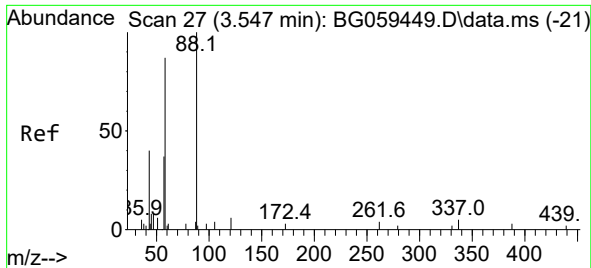
Instrument :
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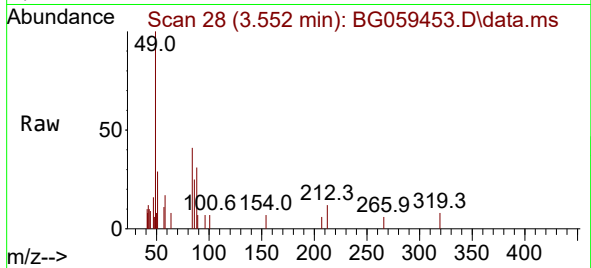
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023





#2
1,4-Dioxane
Concen: 0.957 ng/uL m
RT: 3.552 min Scan# 27
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

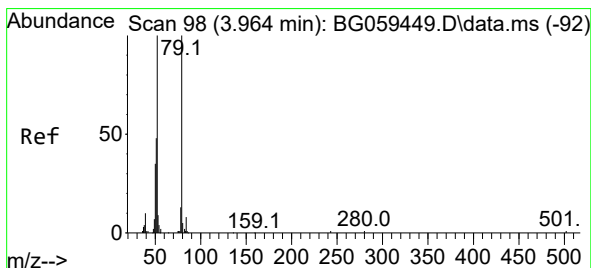
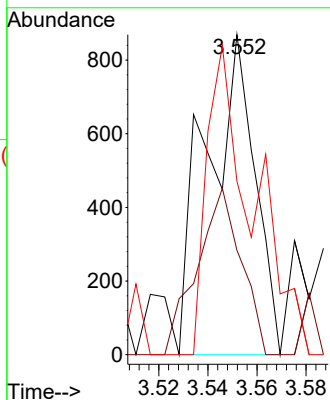
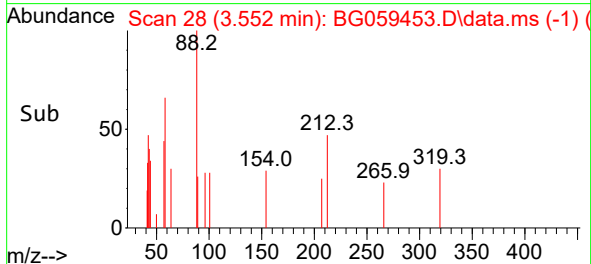
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 32.7 21.7 32.5
58 54.2 80.7 121.1

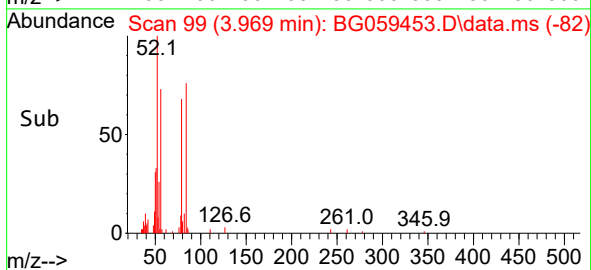
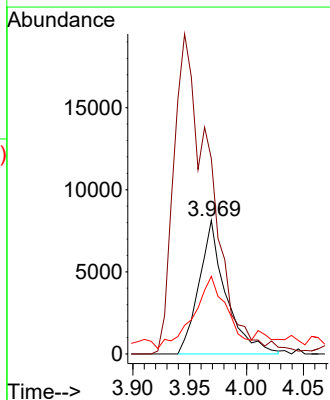
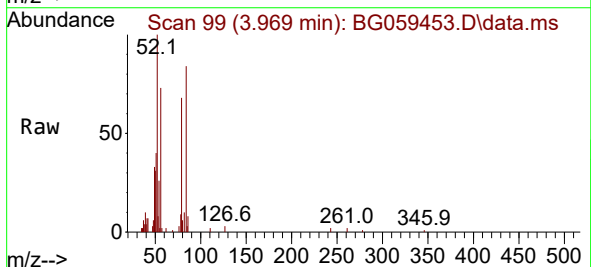
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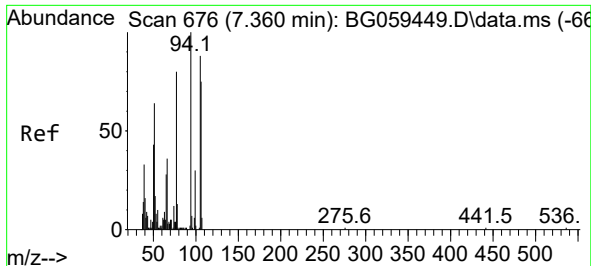
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.944 ng/uL
RT: 3.969 min Scan# 99
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

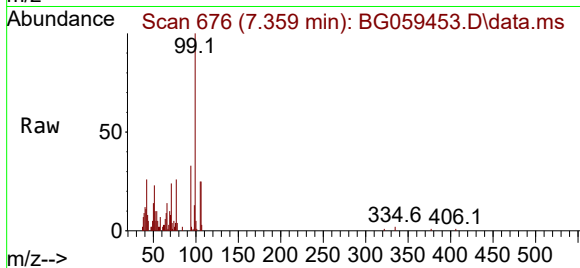
Tgt Ion: 79 Resp: 13410
Ion Ratio Lower Upper
79 100
52 146.4 87.2 130.8
51 58.1 41.9 62.9





#6
Benzaldehyde
Concen: 4.630 ng/ul
RT: 7.359 min Scan# 676
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

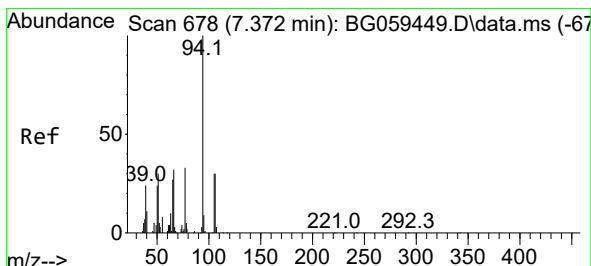
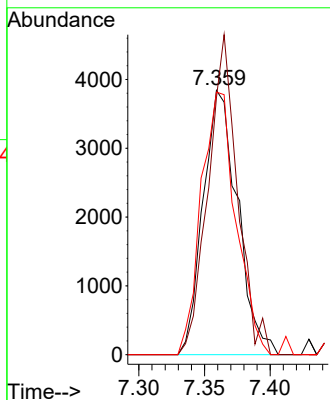
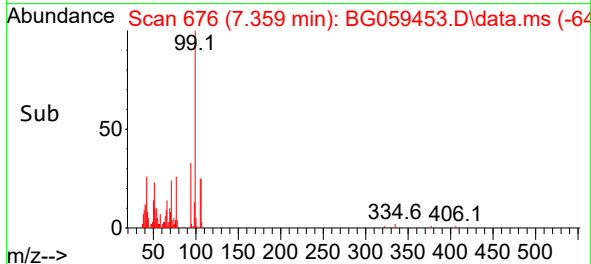
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Tgt Ion: 77 Resp: 701
Ion Ratio Lower Upper
77 100
105 97.2 90.0 135.0
106 99.3 80.3 120.5

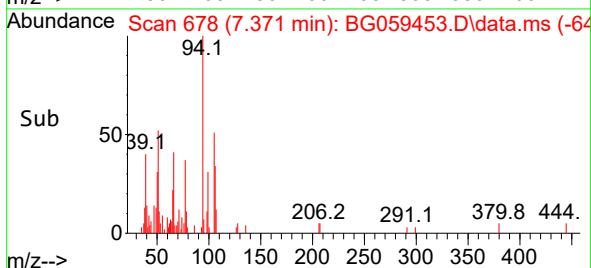
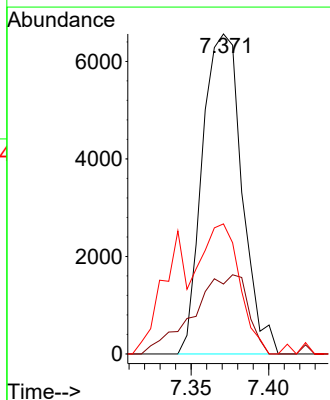
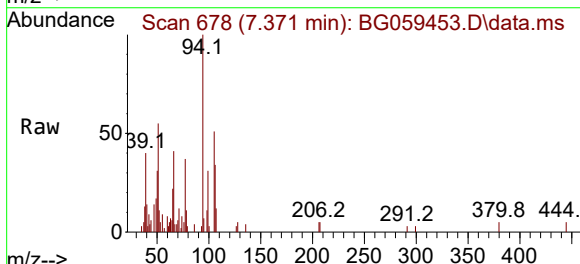
Manual Integrations
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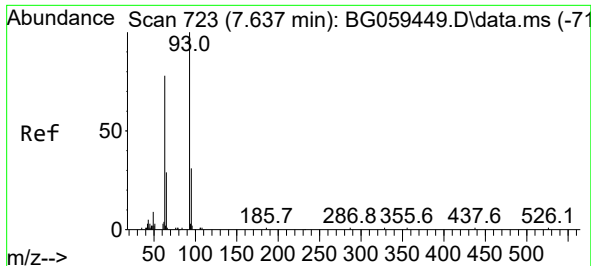
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 3.391 ng/ul
RT: 7.371 min Scan# 678
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

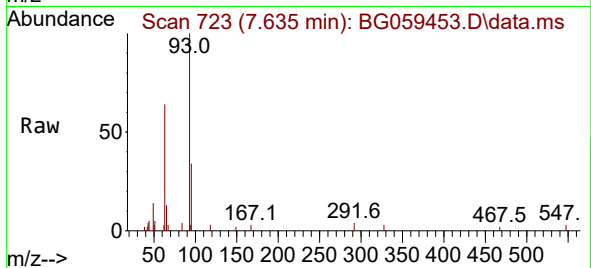
Tgt Ion: 94 Resp: 11642
Ion Ratio Lower Upper
94 100
65 21.8 20.9 31.3
66 40.6 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.998 ng/ul
RT: 7.635 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

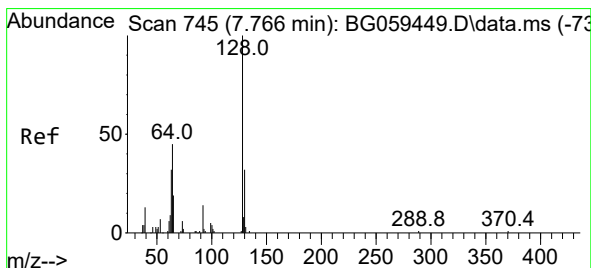
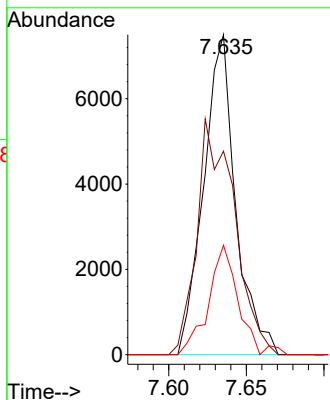
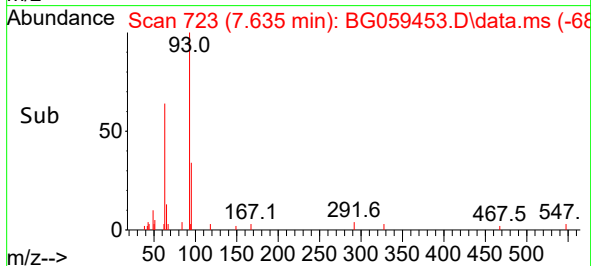
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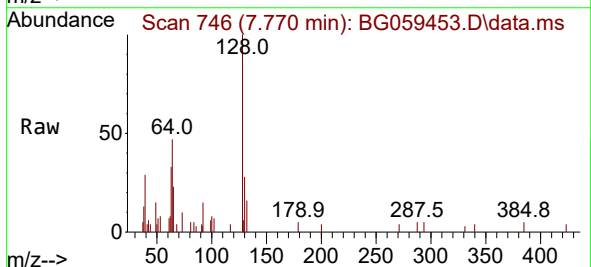
Tgt Ion: 93 Resp: 10759
Ion Ratio Lower Upper
93 100
63 63.6 65.4 98.0
95 34.2 23.8 35.6

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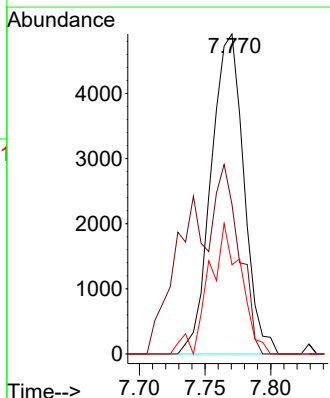
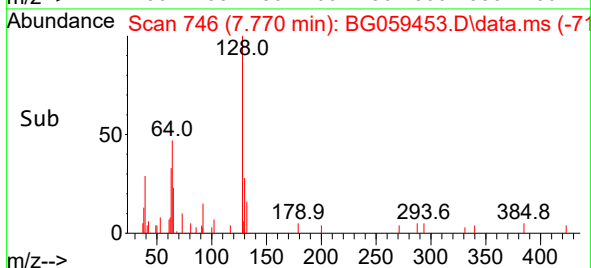
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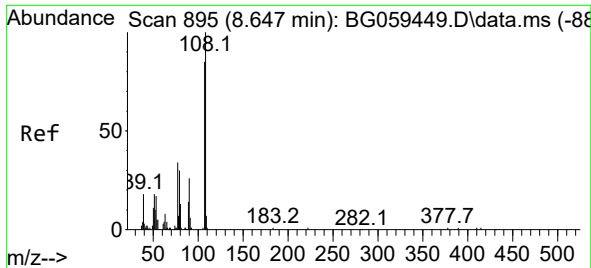


#12
2-Chlorophenol
Concen: 3.384 ng/ul
RT: 7.770 min Scan# 746
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



Tgt Ion:128 Resp: 8517
Ion Ratio Lower Upper
128 100
64 46.8 35.6 53.4
130 27.9 26.2 39.4





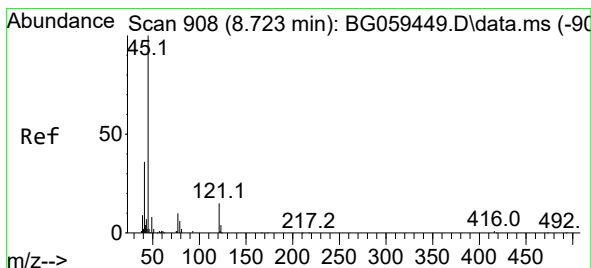
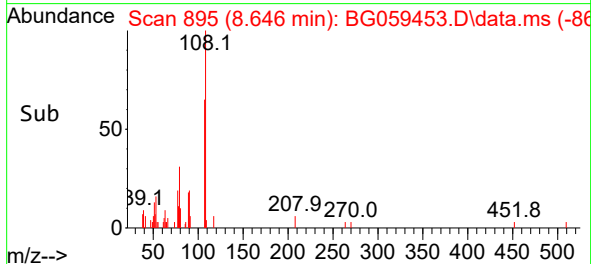
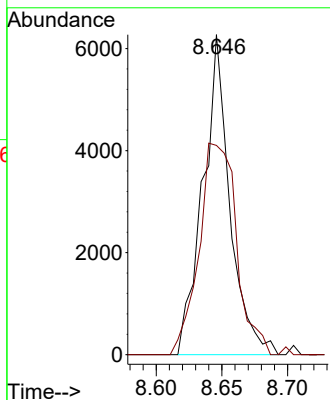
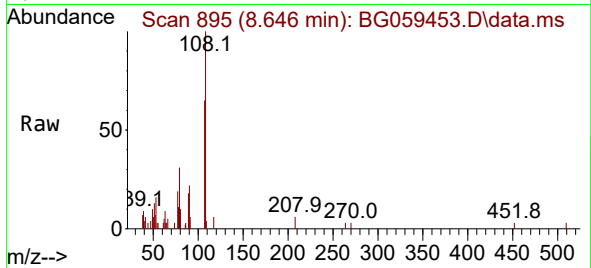
#13
2-Methylphenol
Concen: 3.561 ng/ul
RT: 8.646 min Scan# 895
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument :
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MDL-MED-SOIL-QT2-2023-04

Tgt Ion: 108 Resp: 8962
Ion Ratio Lower Upper
108 100
107 65.4 65.9 98.9

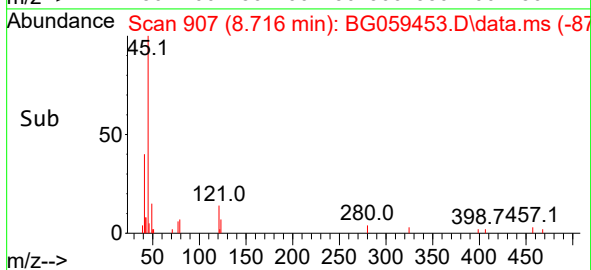
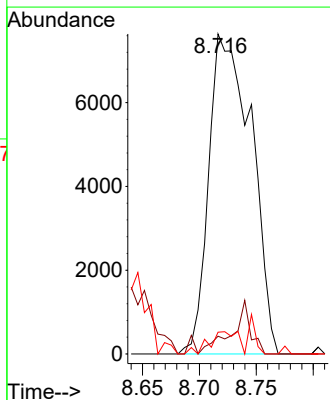
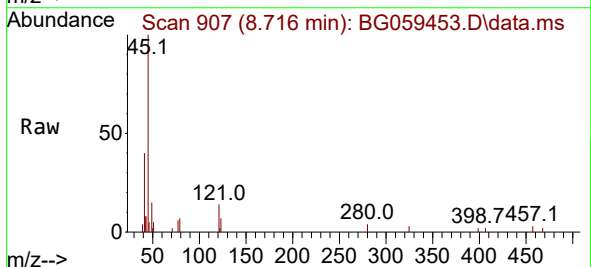
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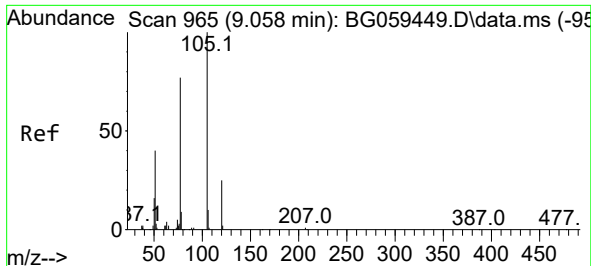
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.524 ng/ul
RT: 8.716 min Scan# 907
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion: 45 Resp: 19854
Ion Ratio Lower Upper
45 100
77 5.5 6.8 10.2#
79 6.8 3.8 5.8#





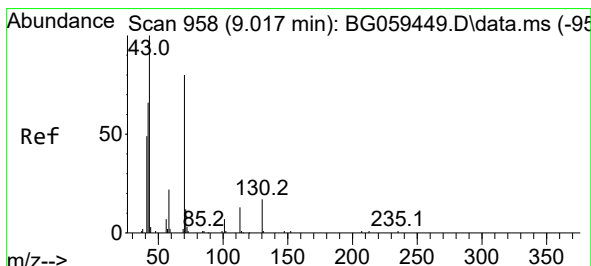
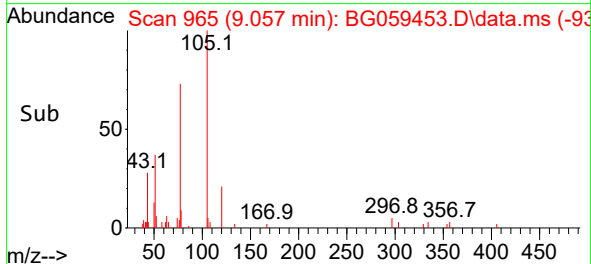
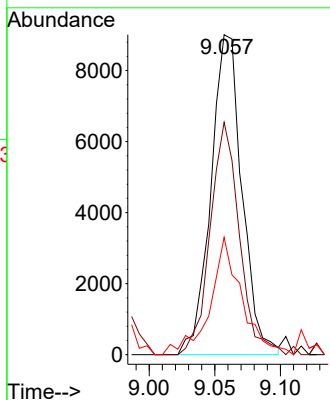
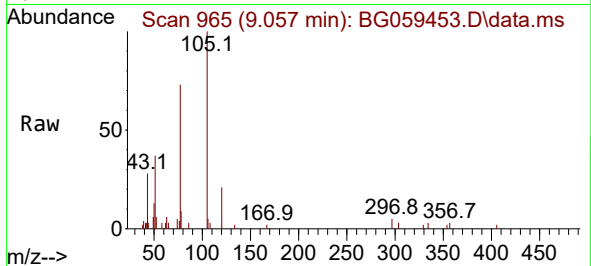
#16
Acetophenone
Concen: 3.781 ng/ul
RT: 9.057 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:105 Resp: 1490
Ion Ratio Lower Upper
105 100
77 72.6 57.7 86.5
51 36.6 29.7 44.5

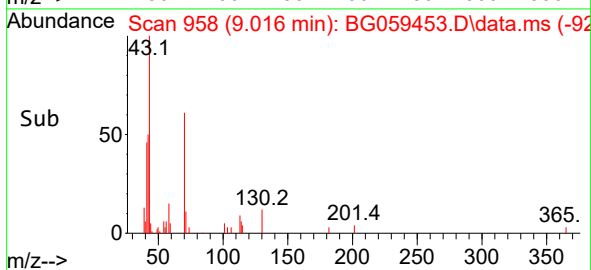
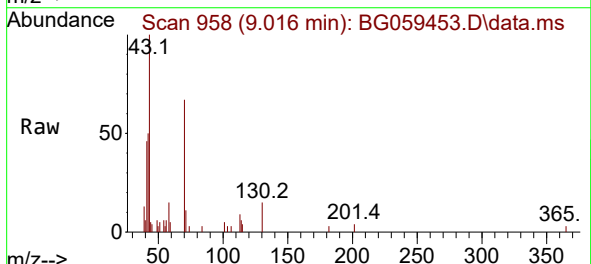
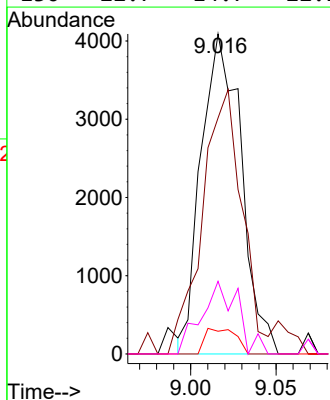
Manual Integrations
APPROVED

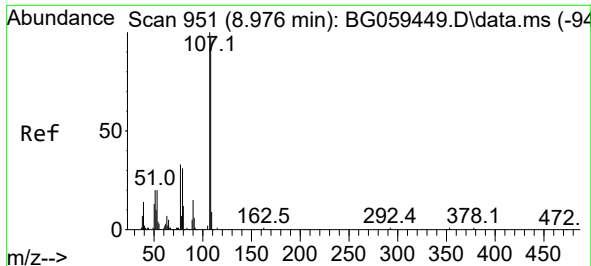
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.694 ng/ul
RT: 9.016 min Scan# 958
Delta R.T. -0.010 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

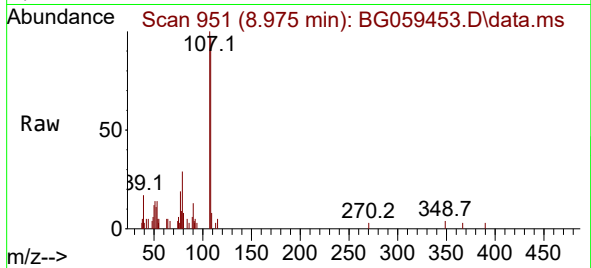
Tgt Ion: 70 Resp: 6680
Ion Ratio Lower Upper
70 100
42 73.8 70.0 105.0
101 7.1 7.2 10.8#
130 22.7 14.7 22.1#





#18
4-Methylphenol
Concen: 3.482 ng/ul
RT: 8.975 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

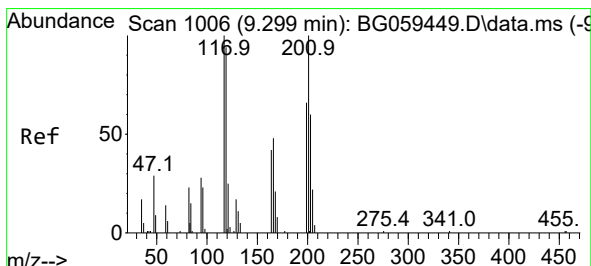
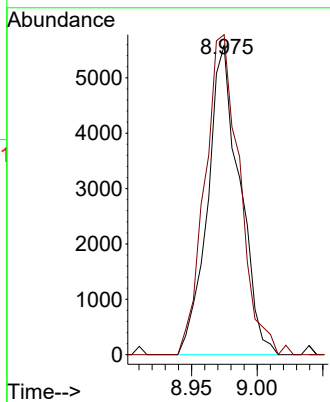
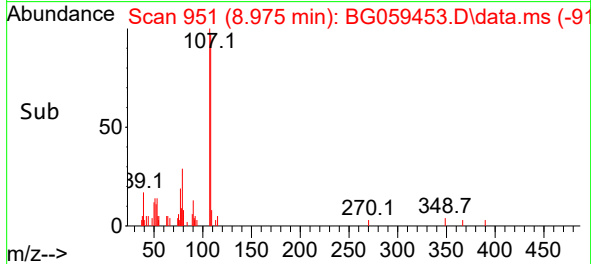
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:108 Resp: 9498
Ion Ratio Lower Upper
108 100
107 103.5 83.4 125.2

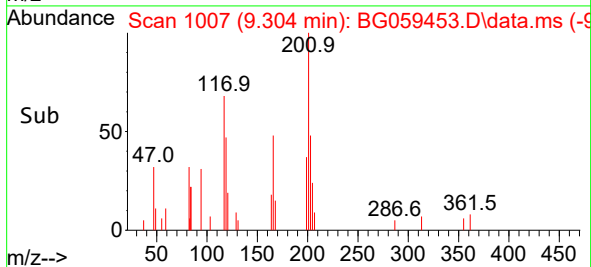
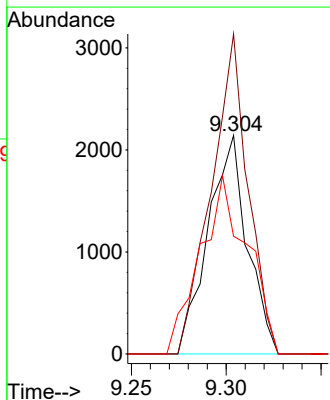
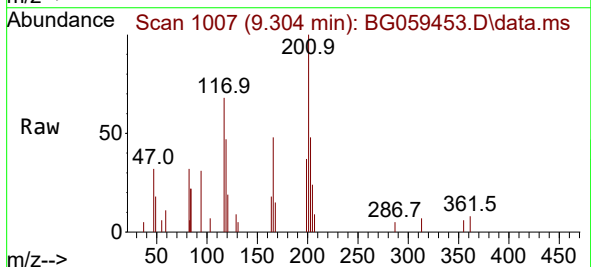
Manual Integrations
APPROVED

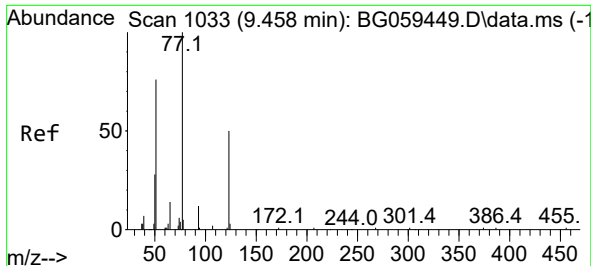
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 3.180 ng/ul
RT: 9.304 min Scan# 1007
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

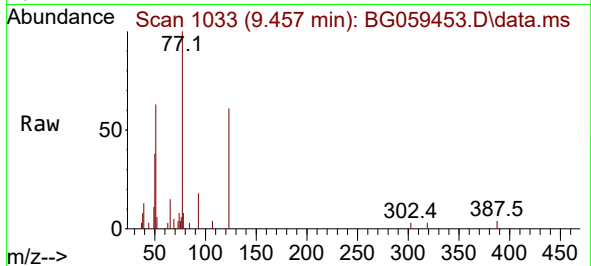
Tgt Ion:117 Resp: 3081
Ion Ratio Lower Upper
117 100
201 146.5 97.4 146.2#
199 53.9 73.6 110.4#





#22
Nitrobenzene
Concen: 3.443 ng/ul
RT: 9.457 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

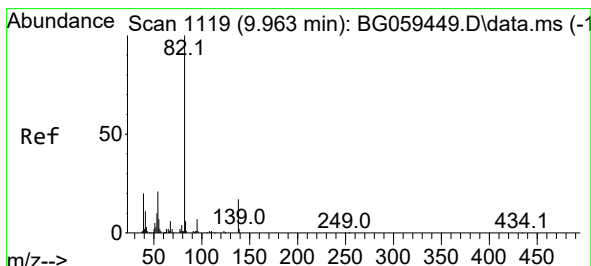
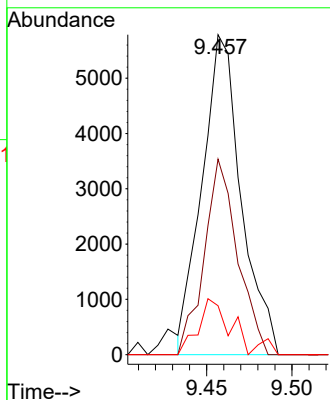
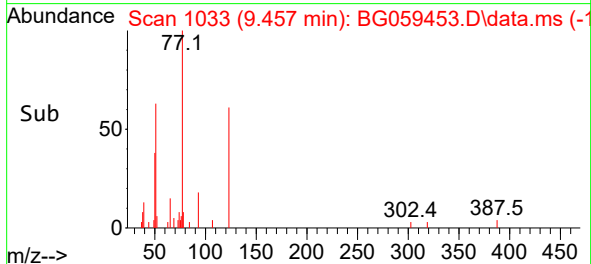
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 77 Resp: 9234
Ion Ratio Lower Upper
77 100
123 61.1 43.5 65.3
65 15.3 12.1 18.1

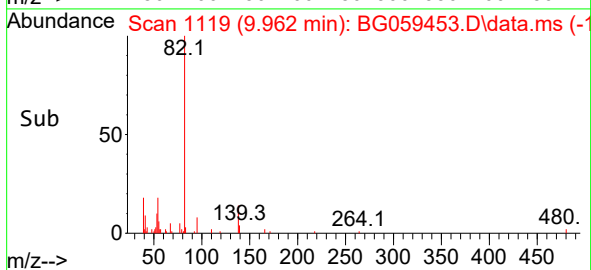
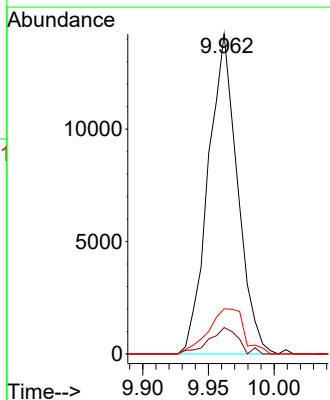
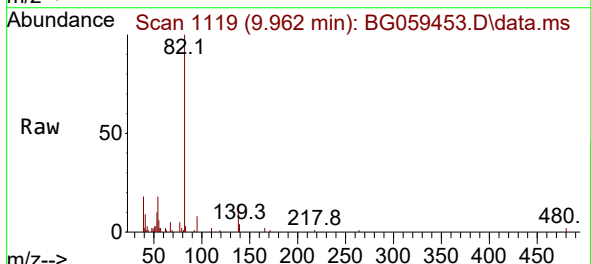
Manual Integrations
APPROVED

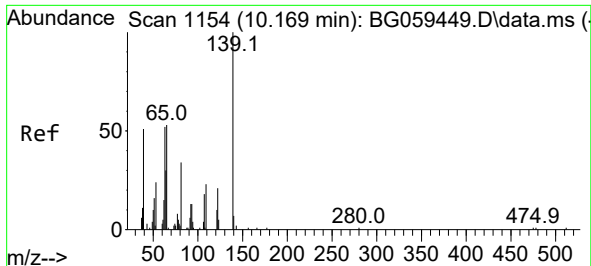
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.884 ng/ul
RT: 9.962 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion: 82 Resp: 22124
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 14.1 15.5 23.3#





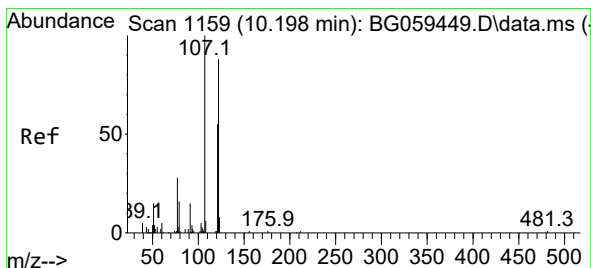
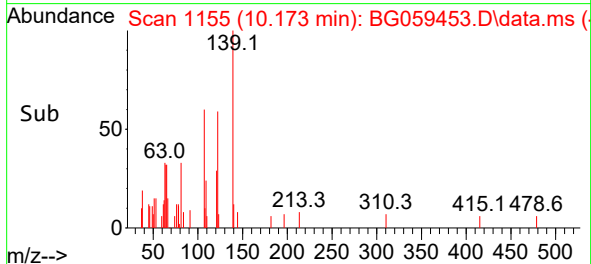
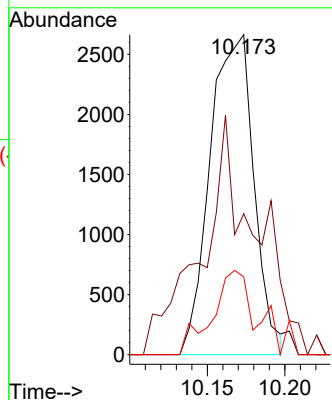
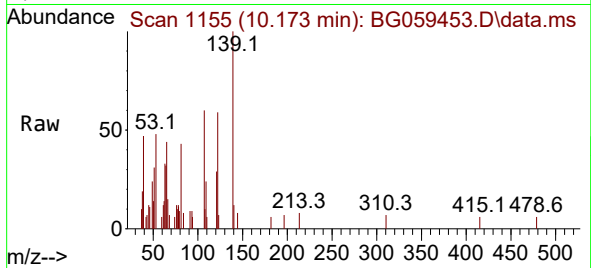
#25
2-Nitrophenol
Concen: 4.073 ng/ul
RT: 10.173 min Scan# 1155
Delta R.T. 0.008 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:139 Resp: 522
Ion Ratio Lower Upper
139 100
65 44.1 49.4 74.0
109 24.4 23.9 35.9

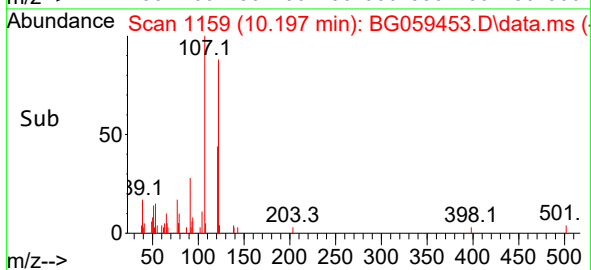
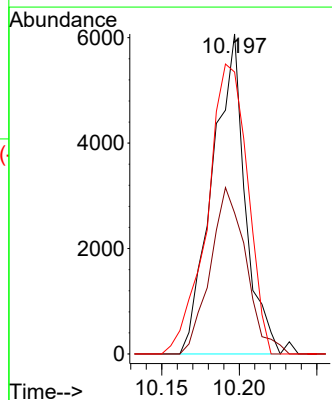
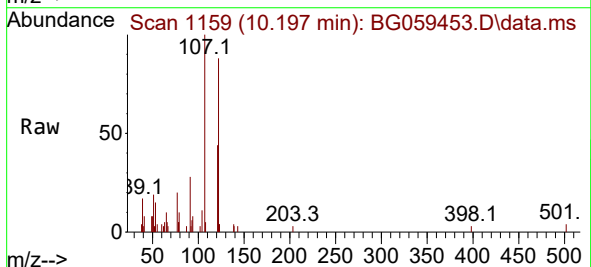
Manual Integrations
APPROVED

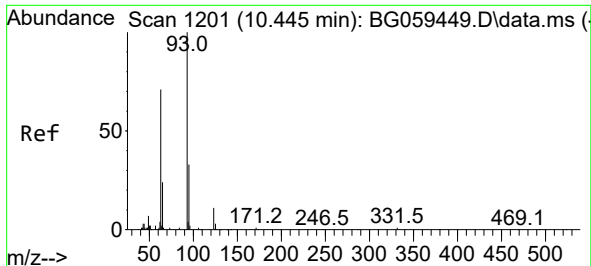
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 3.310 ng/ul
RT: 10.197 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:107 Resp: 8895
Ion Ratio Lower Upper
107 100
121 44.0 44.0 66.0
122 88.1 65.1 97.7





#27

Bis(2-Chloroethoxy)methane

Concen: 3.688 ng/ul

RT: 10.450 min Scan# 1201

Delta R.T. 0.002 min

Lab File: BG059453.D

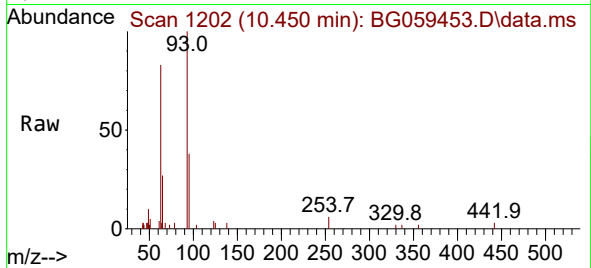
Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04



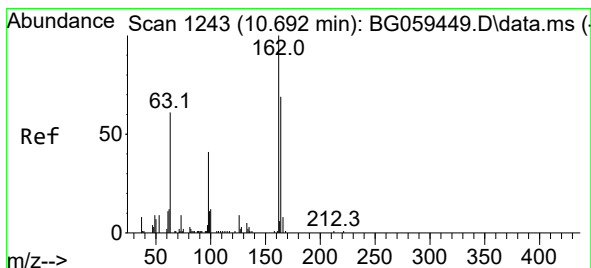
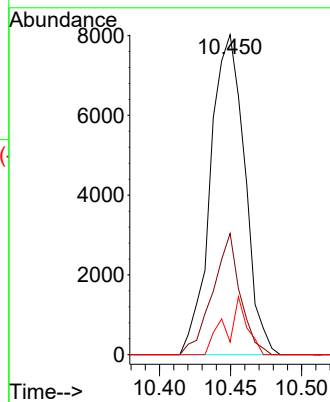
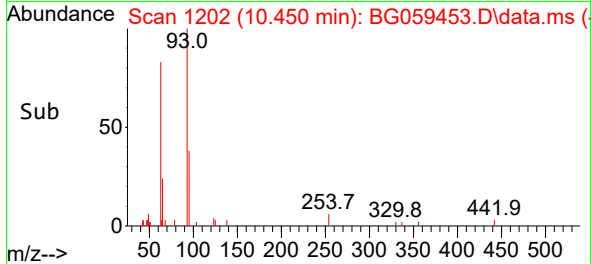
Tgt Ion: 93	Resp: 13419
Ion Ratio	Lower Upper
93 100	
95 37.9	26.1 39.1
123 4.0	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#29

2,4-Dichlorophenol

Concen: 4.018 ng/ul

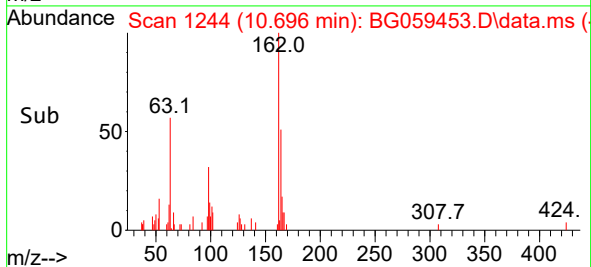
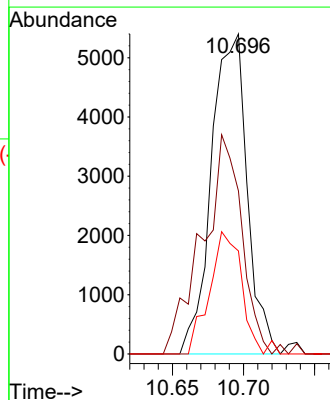
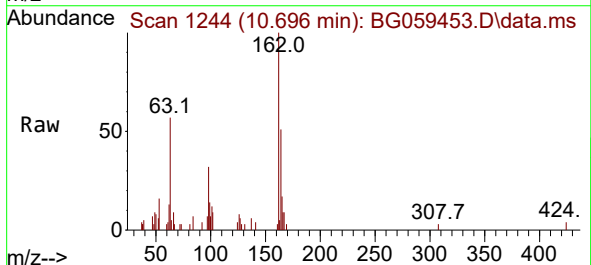
RT: 10.696 min Scan# 1244

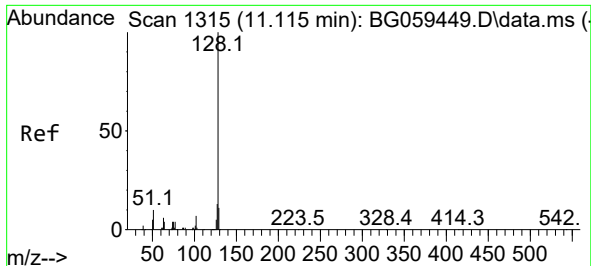
Delta R.T. 0.008 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Tgt Ion:162	Resp: 9443
Ion Ratio	Lower Upper
162 100	
164 51.0	53.5 80.3
98 32.2	26.2 39.4





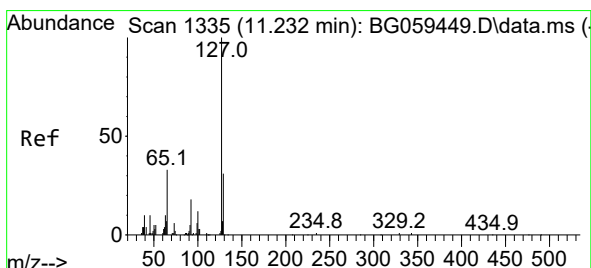
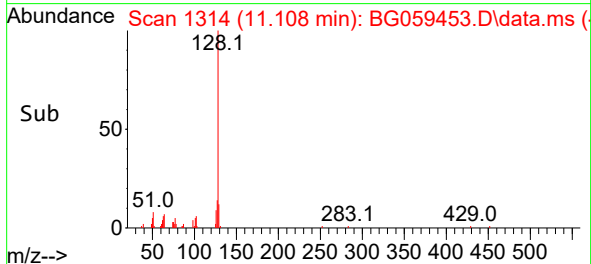
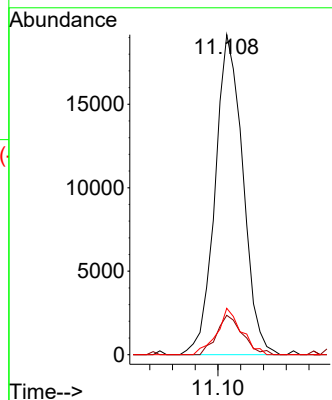
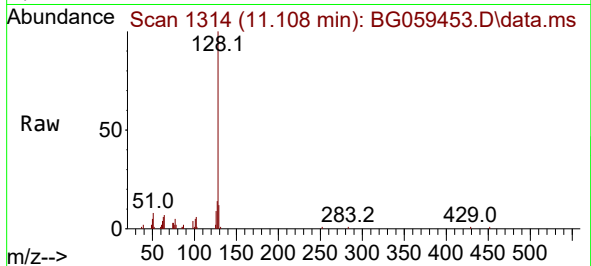
#30
Naphthalene
Concen: 3.714 ng/ul
RT: 11.108 min Scan# 1314
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:128 Resp: 32538
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.5 10.4 15.6

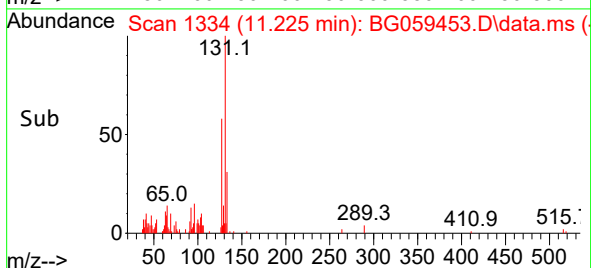
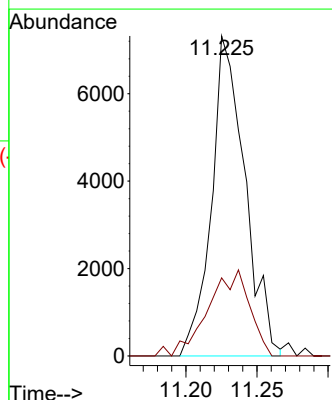
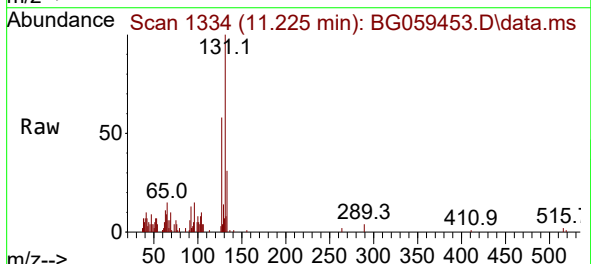
Manual Integrations
APPROVED

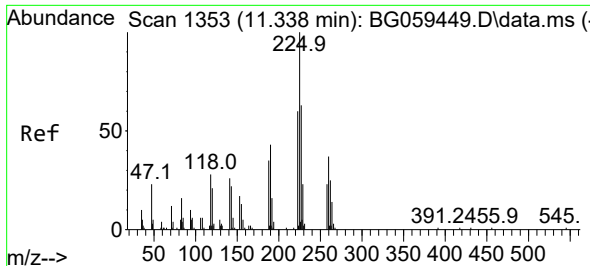
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 3.300 ng/ul
RT: 11.225 min Scan# 1334
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

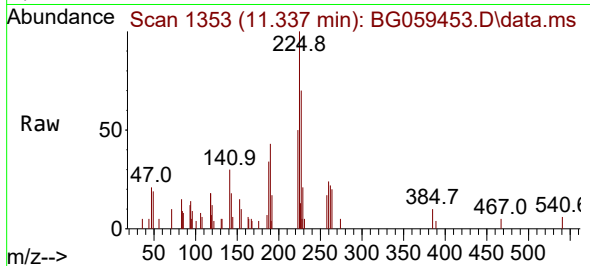
Tgt Ion:127 Resp: 11989
Ion Ratio Lower Upper
127 100
129 24.4 27.0 40.6#





#33
Hexachlorobutadiene
Concen: 4.415 ng/ul
RT: 11.337 min Scan# 1133
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

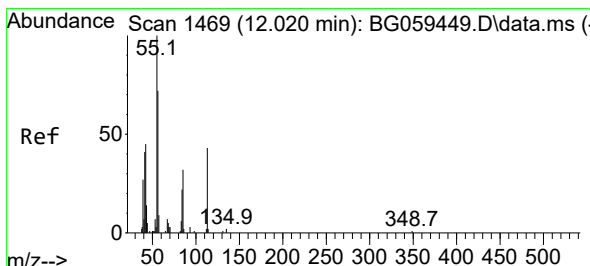
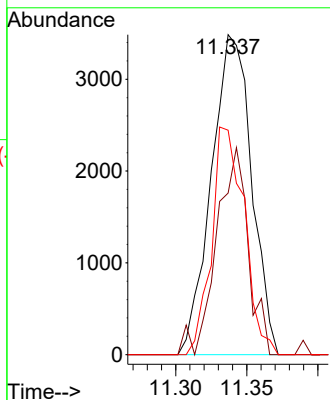
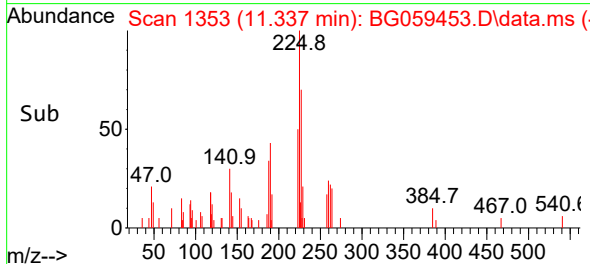
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



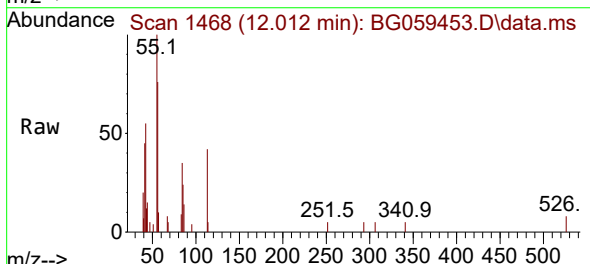
Tgt Ion:225 Resp: 686
Ion Ratio Lower Upper
225 100
223 50.5 52.4 78.6
227 70.2 55.8 83.8

Manual Integrations
APPROVED

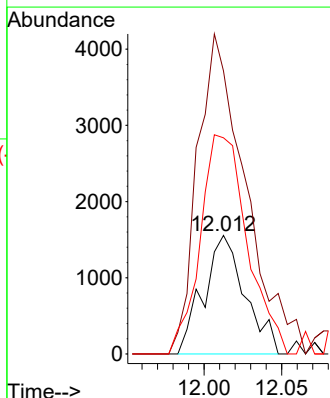
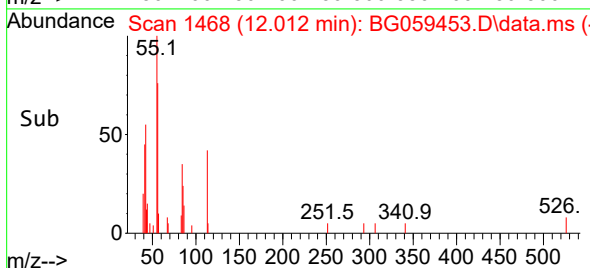
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

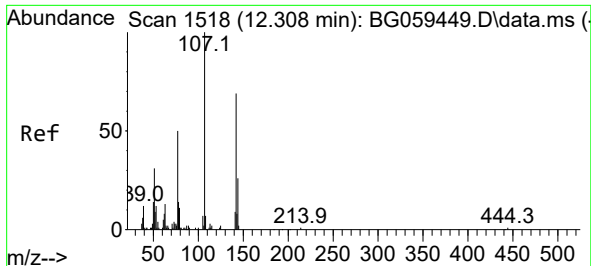


#34
Caprolactam
Concen: 3.489 ng/ul
RT: 12.012 min Scan# 1468
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



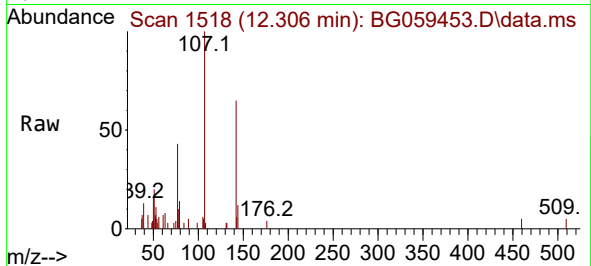
Tgt Ion:113 Resp: 2896
Ion Ratio Lower Upper
113 100
55 238.7 174.3 261.5
56 182.4 130.2 195.2





#35
4-Chloro-3-methylphenol
Concen: 3.439 ng/ul
RT: 12.306 min Scan# 1518
Delta R.T. -0.010 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

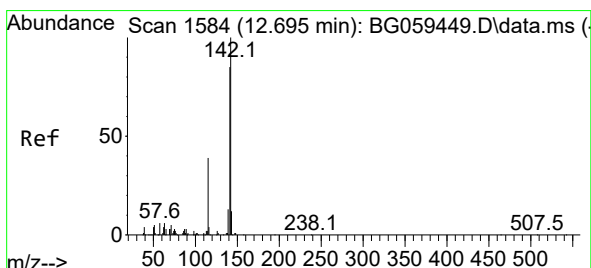
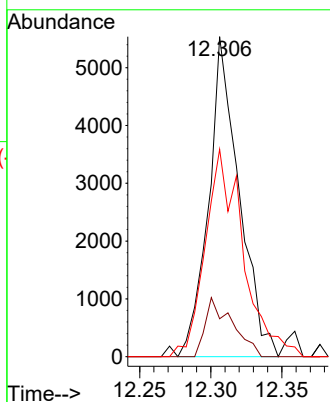
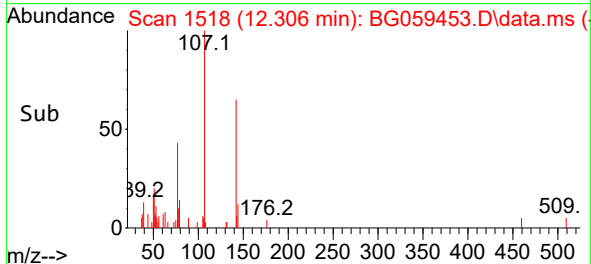
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:107 Resp: 825
Ion Ratio Lower Upper
107 100
144 11.9 23.0 34.6
142 64.8 57.4 86.0

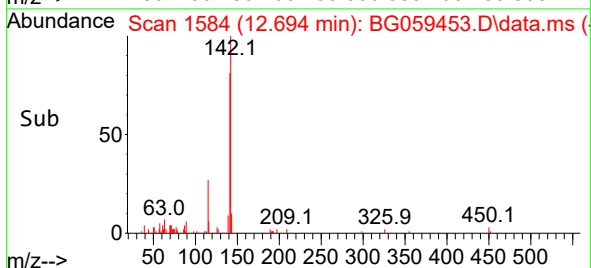
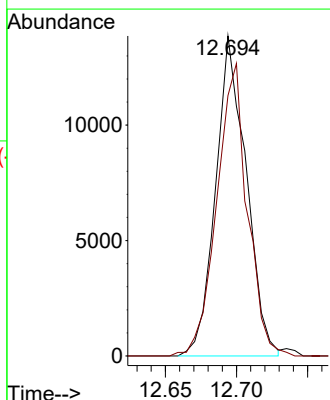
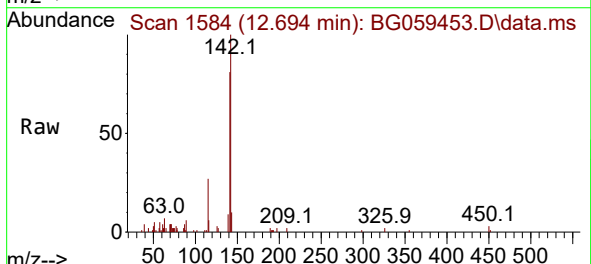
Manual Integrations
APPROVED

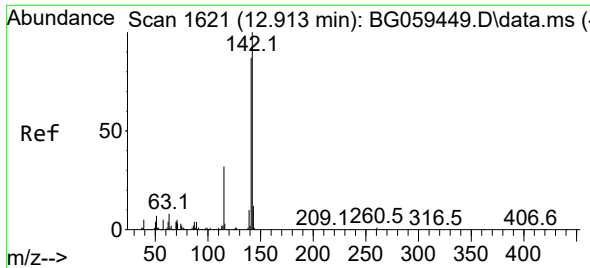
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.663 ng/ul
RT: 12.694 min Scan# 1584
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

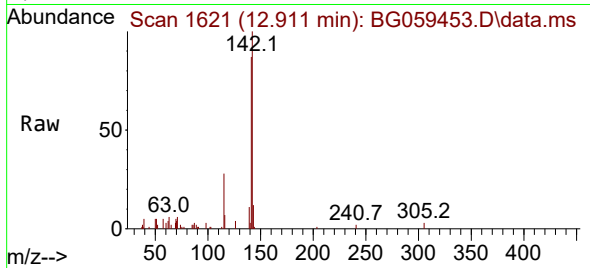
Tgt Ion:142 Resp: 20707
Ion Ratio Lower Upper
142 100
141 81.4 70.0 105.0





#37
1-Methylnaphthalene
Concen: 3.810 ng/ul
RT: 12.911 min Scan# 1621
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

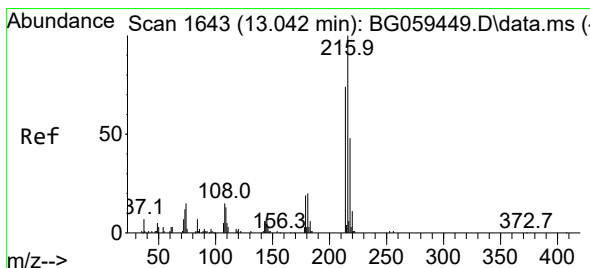
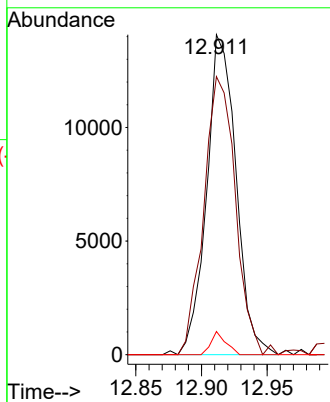
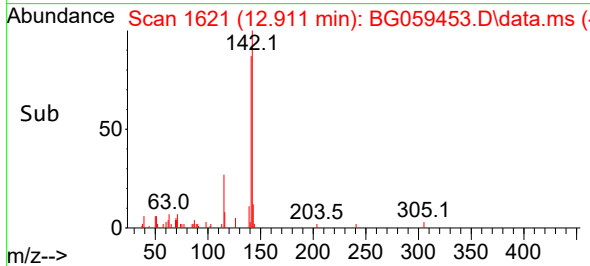
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:142 Resp: 21930
Ion Ratio Lower Upper
142 100
141 86.9 81.3 121.9
116 7.3 3.4 5.2

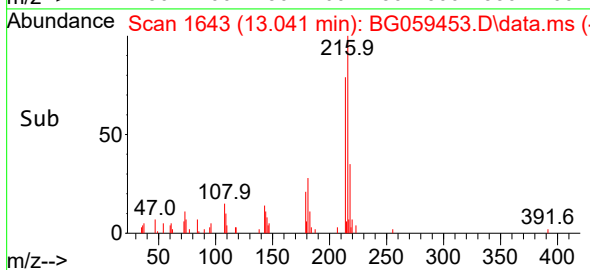
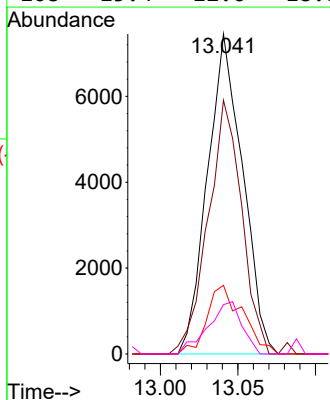
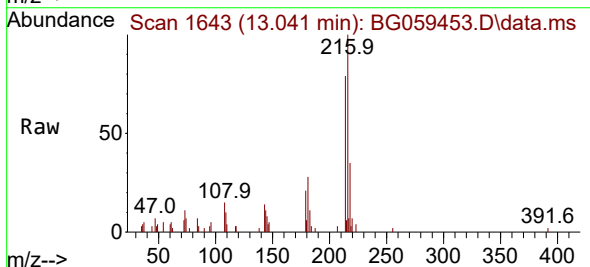
Manual Integrations
APPROVED

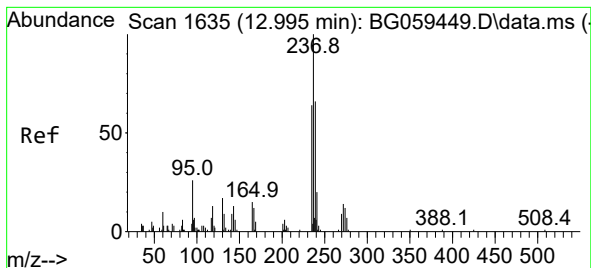
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.828 ng/ul
RT: 13.041 min Scan# 1643
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

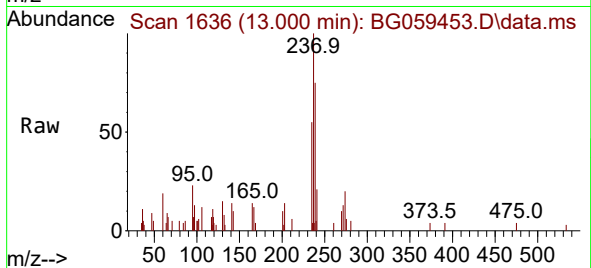
Tgt Ion:216 Resp: 11746
Ion Ratio Lower Upper
216 100
214 79.3 66.9 100.3
179 27.9 15.6 23.4#
108 15.4 12.6 18.8





#40
Hexachlorocyclopentadiene
Concen: 4.749 ng/ul
RT: 13.000 min Scan# 1636
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

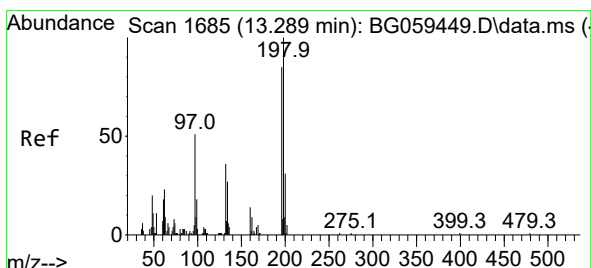
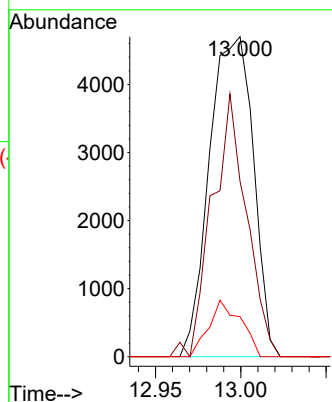
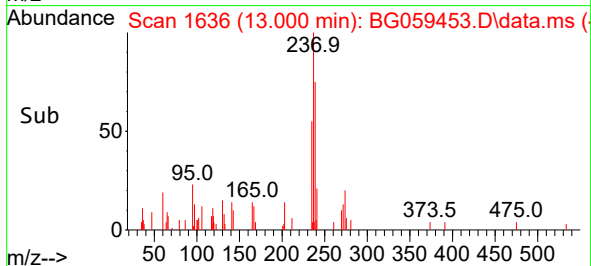
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:237 Resp: 8428
Ion Ratio Lower Upper
237 100
235 56.2 56.5 84.7
272 12.1 10.8 16.2

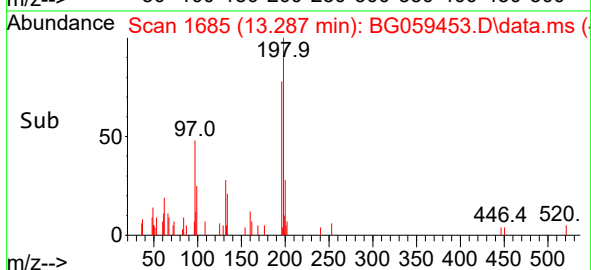
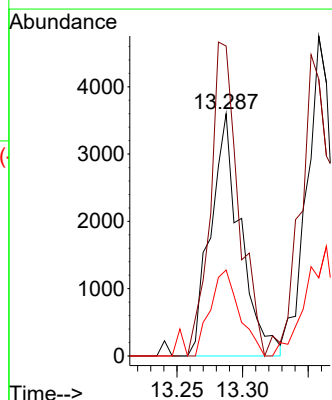
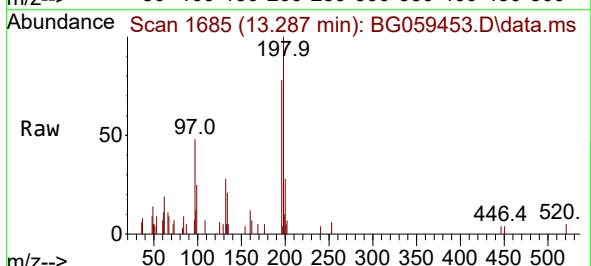
Manual Integrations
APPROVED

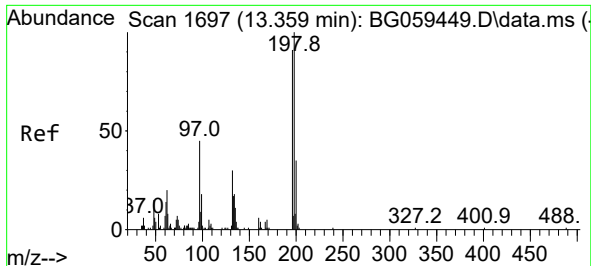
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.025 ng/ul
RT: 13.287 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

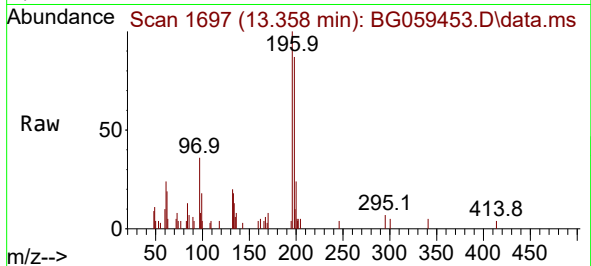
Tgt Ion:196 Resp: 5704
Ion Ratio Lower Upper
196 100
198 128.0 85.7 128.5
200 35.4 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 3.348 ng/ul
RT: 13.358 min Scan# 1697
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

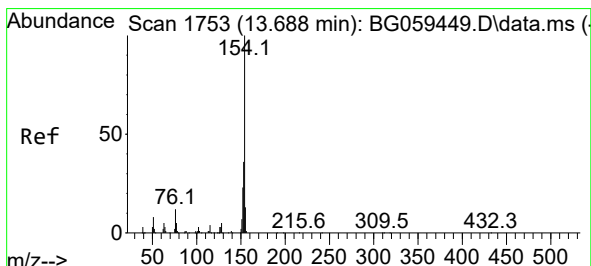
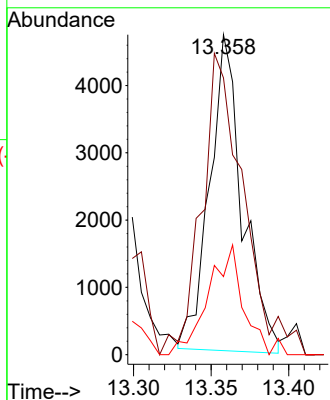
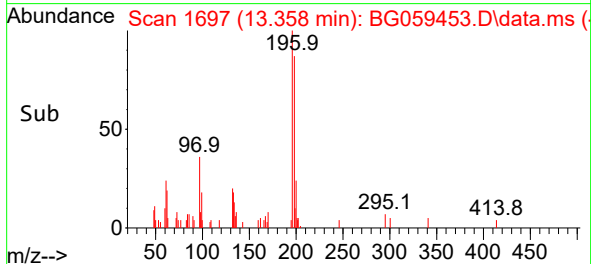
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



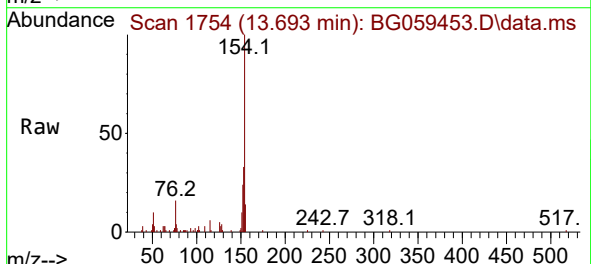
Tgt Ion:196 Resp: 6948
Ion Ratio Lower Upper
196 100
198 86.5 80.3 120.5
200 24.4 25.2 37.8

Manual Integrations
APPROVED

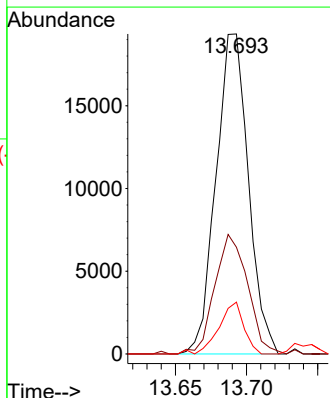
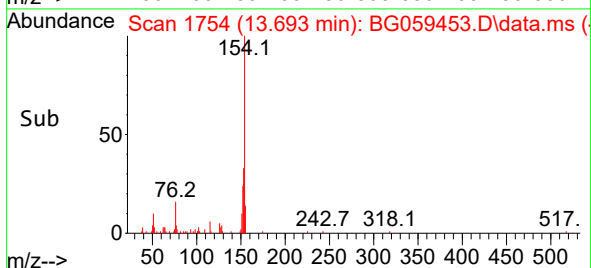
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

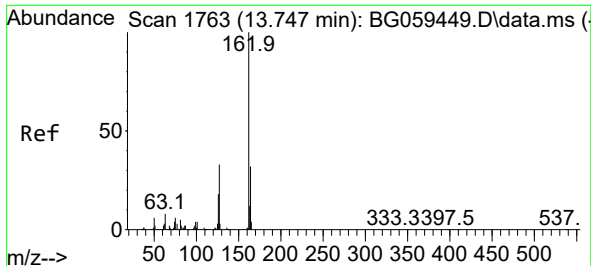


#43
1,1'-Biphenyl
Concen: 3.613 ng/ul
RT: 13.693 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



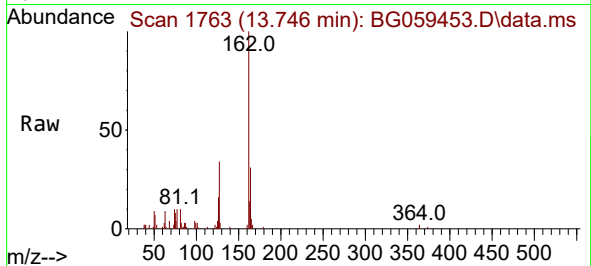
Tgt Ion:154 Resp: 30699
Ion Ratio Lower Upper
154 100
153 33.3 31.3 46.9
76 16.2 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.692 ng/ul
RT: 13.746 min Scan# 1763
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

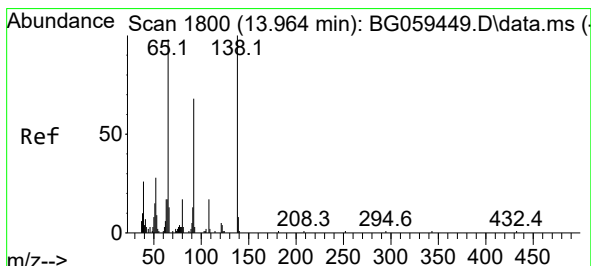
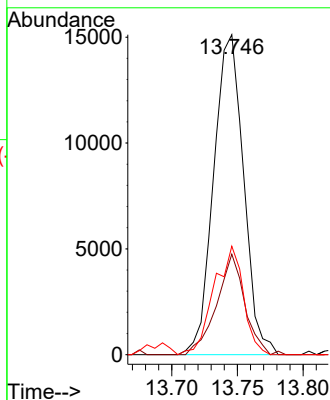
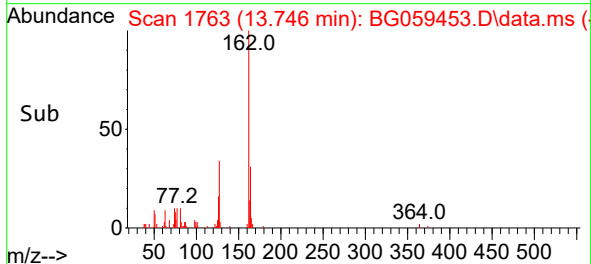
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:162 Resp: 2400
Ion Ratio Lower Upper
162 100
164 31.4 27.8 41.6
127 33.9 33.4 50.2

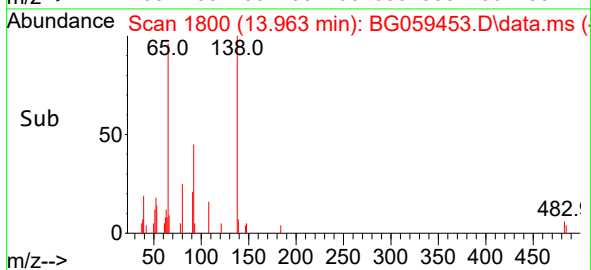
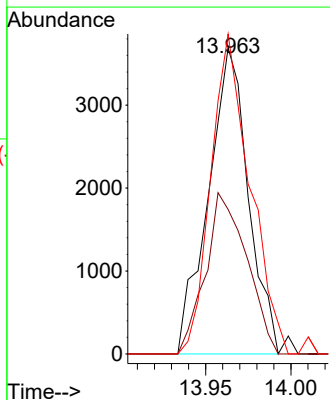
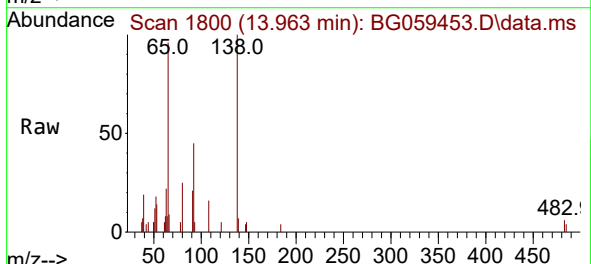
Manual Integrations
APPROVED

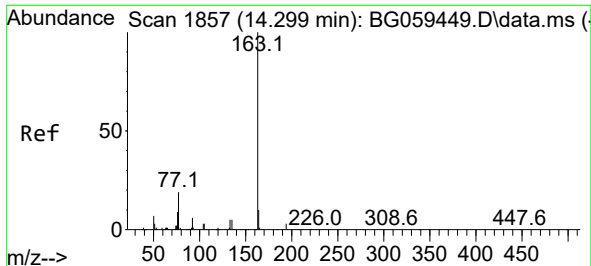
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45
2-Nitroaniline
Concen: 3.478 ng/ul
RT: 13.963 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion: 65 Resp: 6008
Ion Ratio Lower Upper
65 100
92 47.2 58.2 87.4#
138 104.5 85.0 127.4





#47

Dimethylphthalate

Concen: 3.932 ng/ul

RT: 14.298 min Scan# 1857

Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

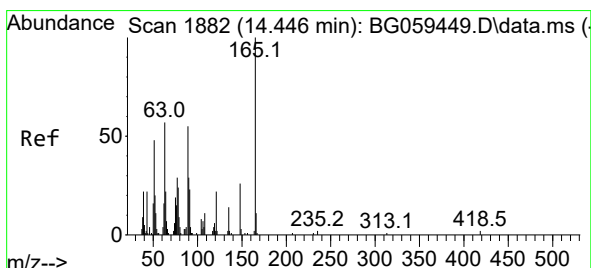
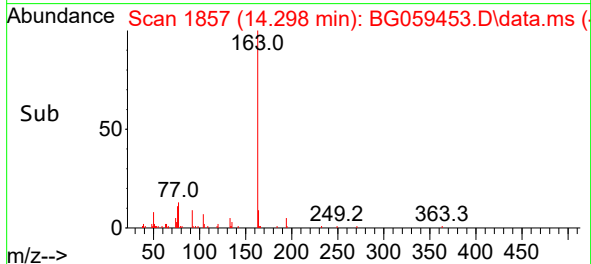
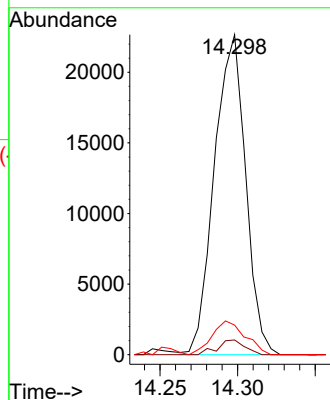
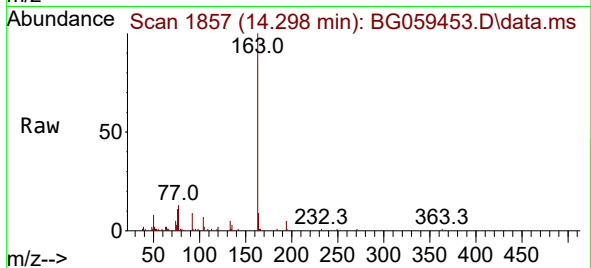
Tgt Ion:163	Resp:	31720
Ion Ratio	Lower	Upper
163	100	
194	4.6	2.4 3.6
164	9.3	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2,6-Dinitrotoluene

Concen: 3.705 ng/ul

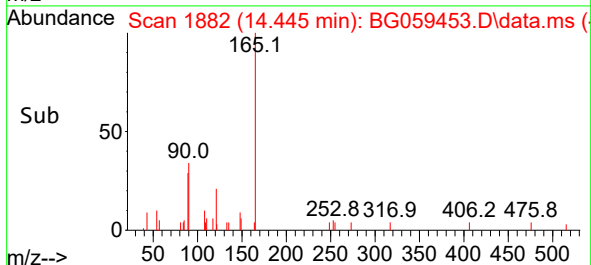
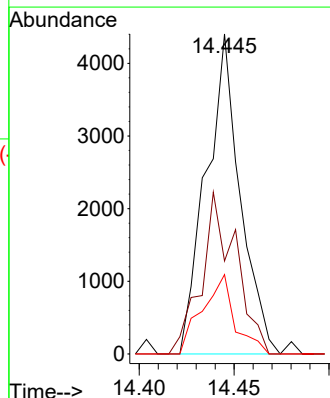
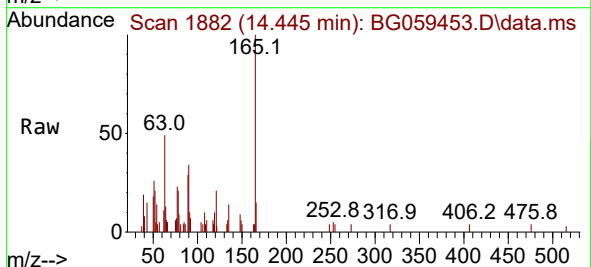
RT: 14.445 min Scan# 1882

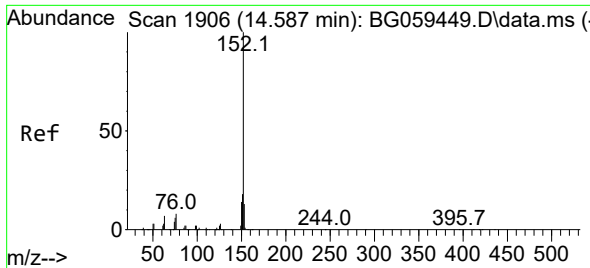
Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

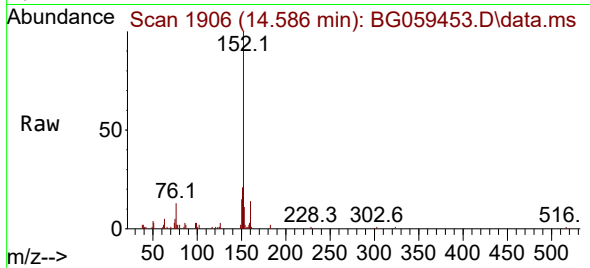
Tgt Ion:165	Resp:	5504
Ion Ratio	Lower	Upper
165	100	
89	29.0	46.2 69.4#
121	24.8	15.1 22.7#





#50
Acenaphthylene
Concen: 3.534 ng/ul
RT: 14.586 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

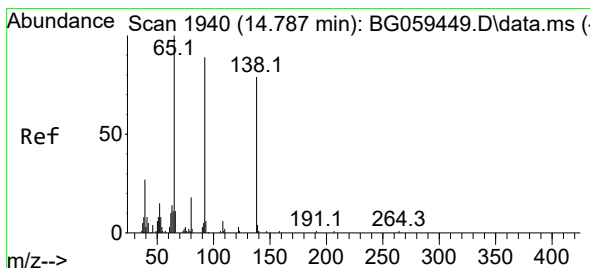
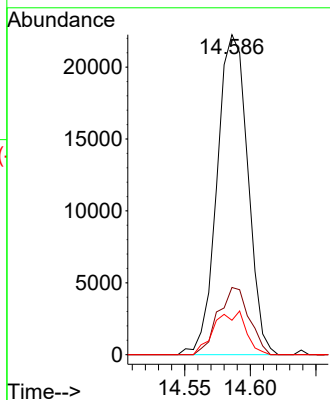
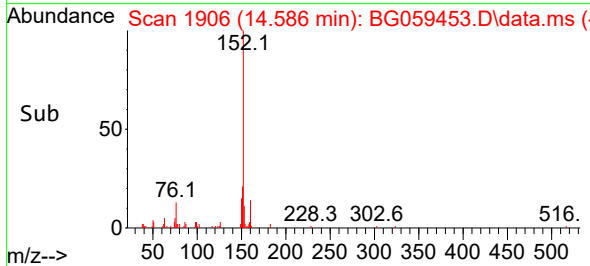
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:152 Resp: 36250
Ion Ratio Lower Upper
152 100
151 21.0 14.8 22.2
153 10.8 9.5 14.3

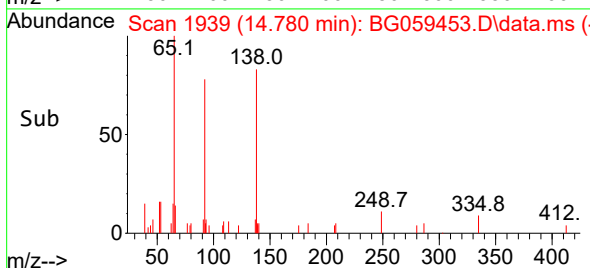
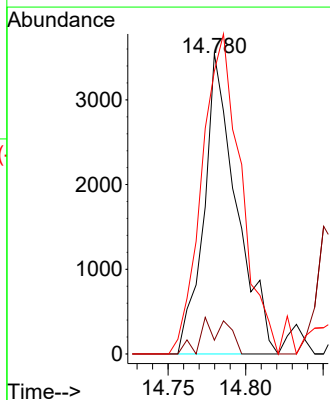
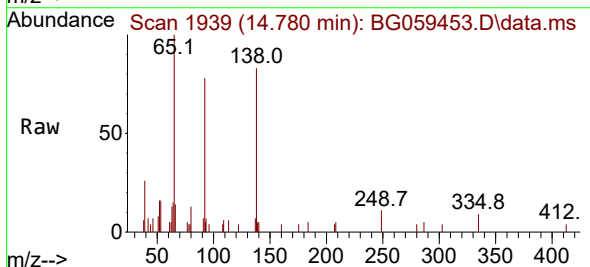
Manual Integrations
APPROVED

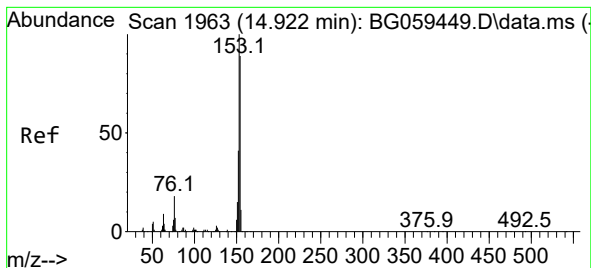
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.291 ng/ul
RT: 14.780 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:138 Resp: 5182
Ion Ratio Lower Upper
138 100
108 4.6 6.5 9.7#
92 94.2 91.6 137.4





#52

Acenaphthene

Concen: 3.749 ng/ul

RT: 14.921 min Scan# 1963

Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

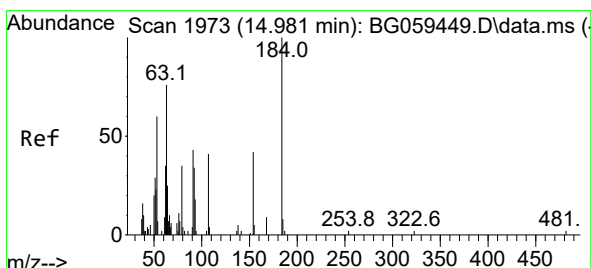
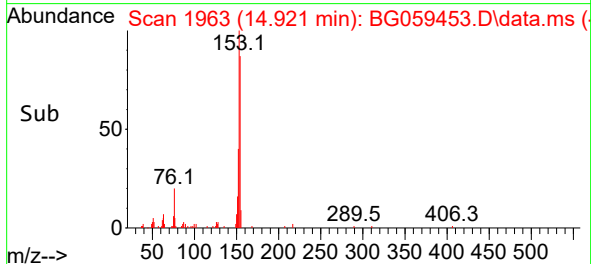
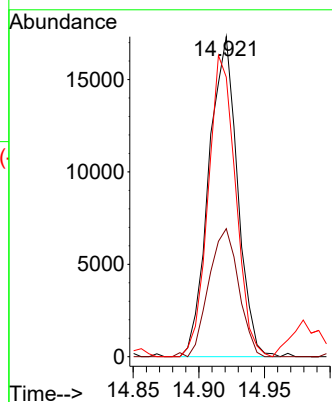
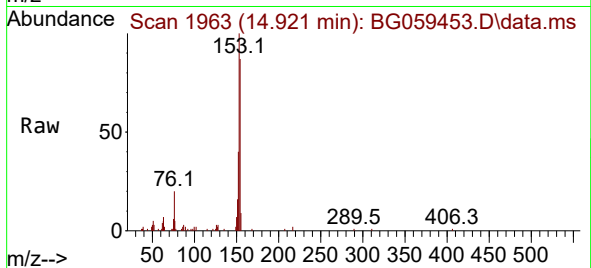
Tgt Ion:	153	Resp:	2631
Ion Ratio	Lower	Upper	
153	100		
152	40.0	32.1	48.1
154	87.3	75.2	112.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#53

2,4-Dinitrophenol

Concen: 6.551 ng/ul

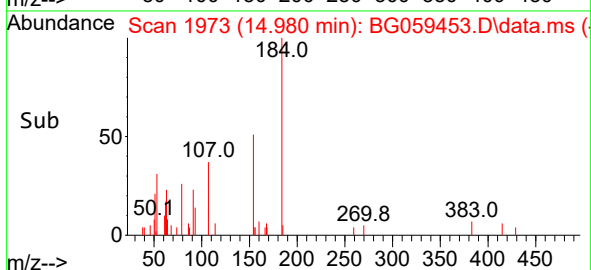
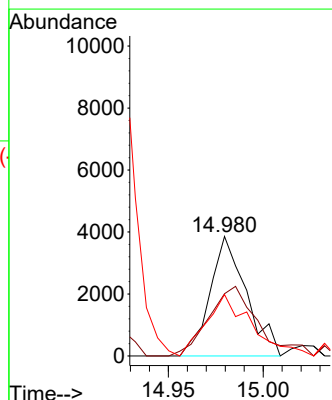
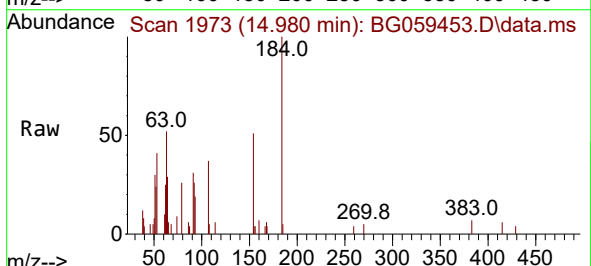
RT: 14.980 min Scan# 1973

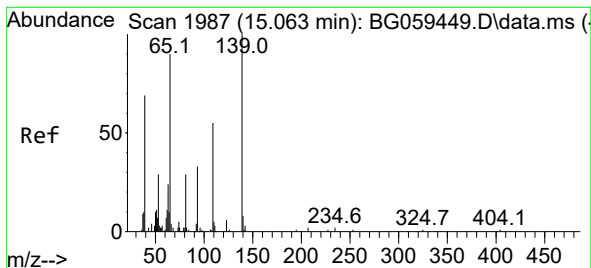
Delta R.T. -0.004 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

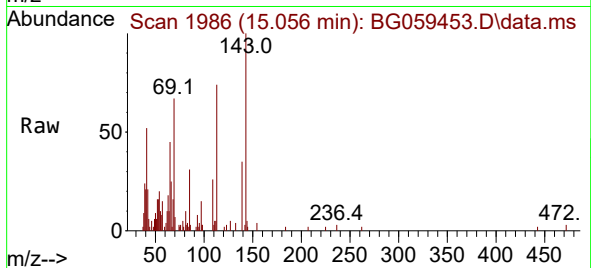
Tgt Ion:	184	Resp:	5150
Ion Ratio	Lower	Upper	
184	100		
63	52.1	57.3	85.9
154	51.5	40.6	61.0





#55
4-Nitrophenol
Concen: 3.493 ng/ul
RT: 15.056 min Scan# 1986
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

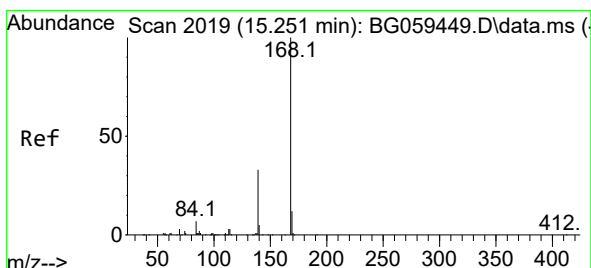
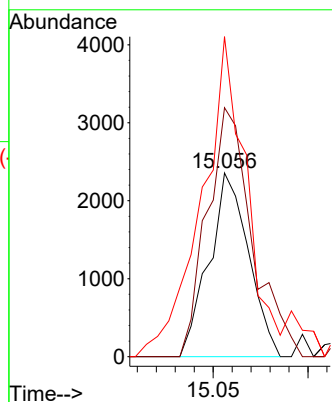
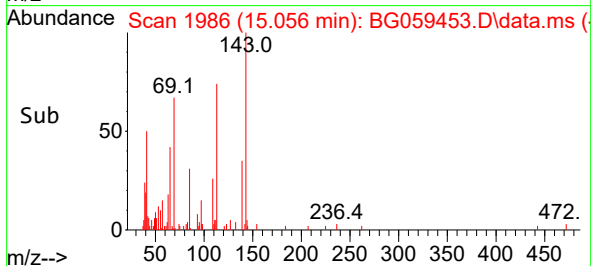
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:109 Resp: 3410
Ion Ratio Lower Upper
109 100
139 135.6 100.2 150.4
65 174.3 111.8 167.8

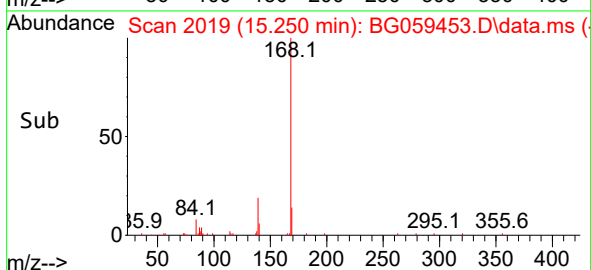
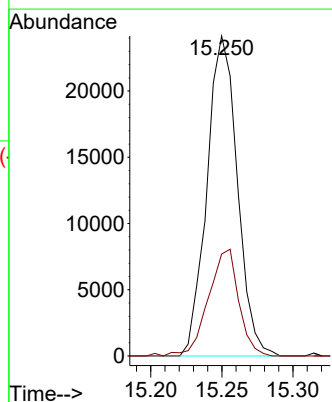
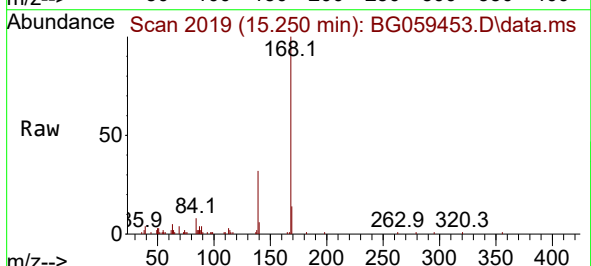
Manual Integrations
APPROVED

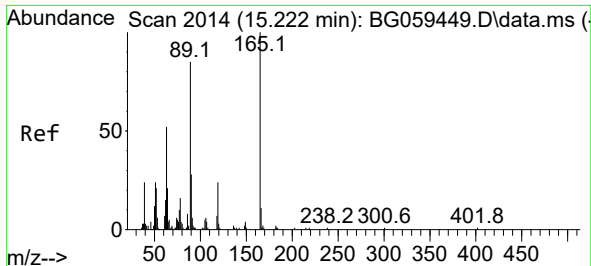
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 3.789 ng/ul
RT: 15.250 min Scan# 2019
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:168 Resp: 35958
Ion Ratio Lower Upper
168 100
139 31.8 25.9 38.9





#57

2,4-Dinitrotoluene

Concen: 3.719 ng/ul

RT: 15.220 min Scan# 2014

Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

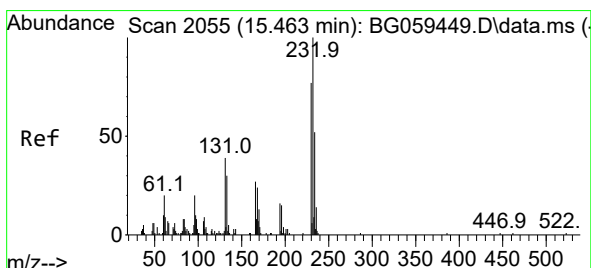
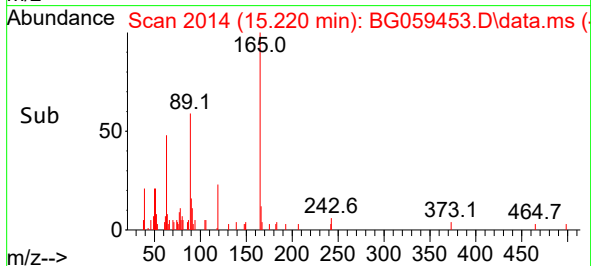
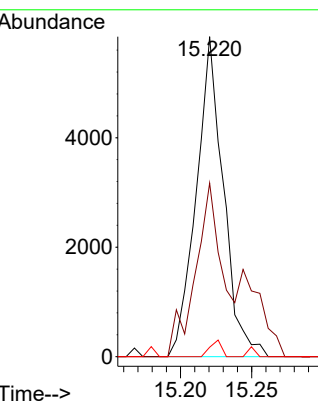
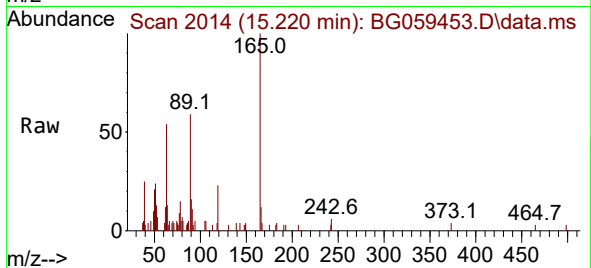
Tgt Ion:	165	Resp:	777
Ion Ratio	Lower	Upper	
165	100		
63	54.3	40.8	61.2
182	3.0	1.4	2.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.554 ng/ul

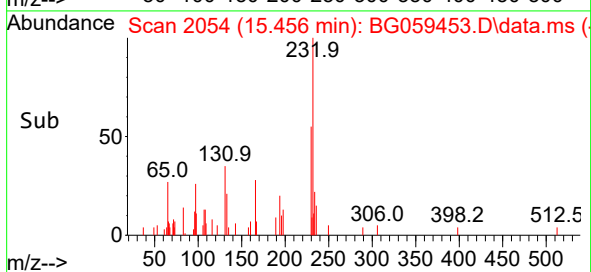
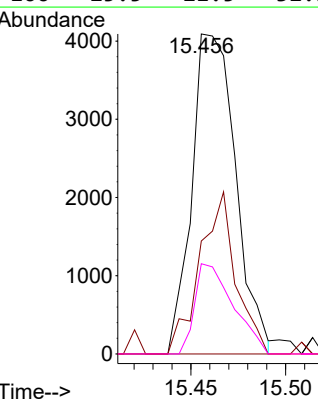
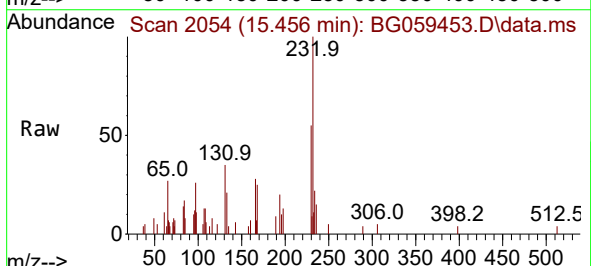
RT: 15.456 min Scan# 2054

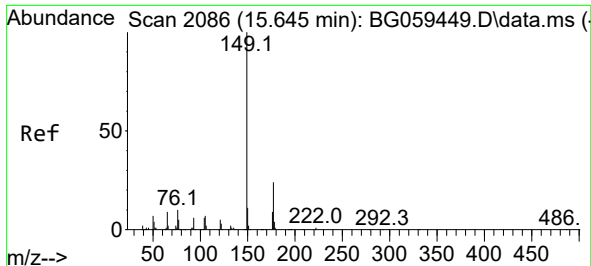
Delta R.T. -0.004 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Tgt Ion:	232	Resp:	6590
Ion Ratio	Lower	Upper	
232	100		
131	32.0	30.2	45.2
130	0.0	2.0	3.0
166	25.5	21.5	32.3





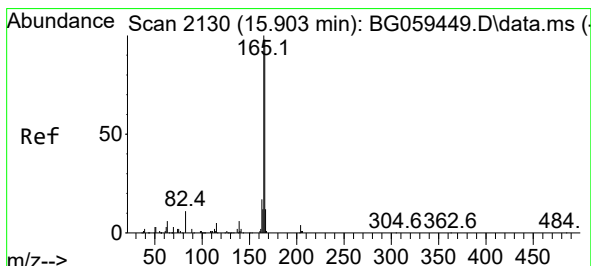
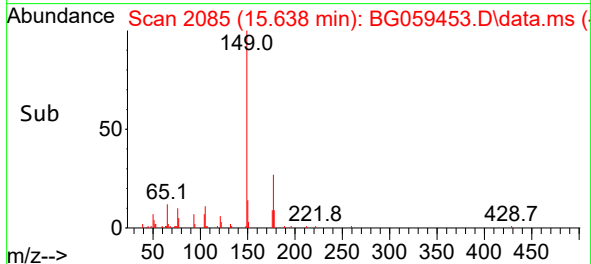
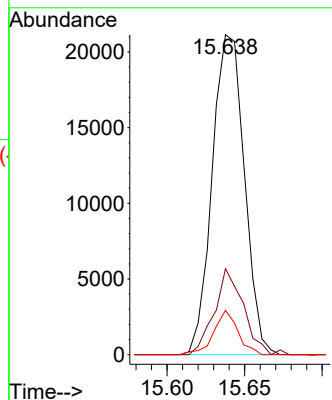
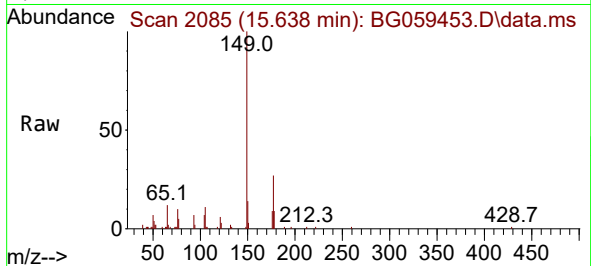
#59
Diethylphthalate
Concen: 3.914 ng/ul
RT: 15.638 min Scan# 2085
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion:149 Resp: 3051
Ion Ratio Lower Upper
149 100
177 26.8 17.3 25.9
150 13.8 8.2 12.4

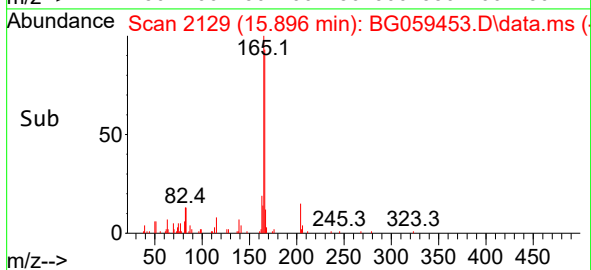
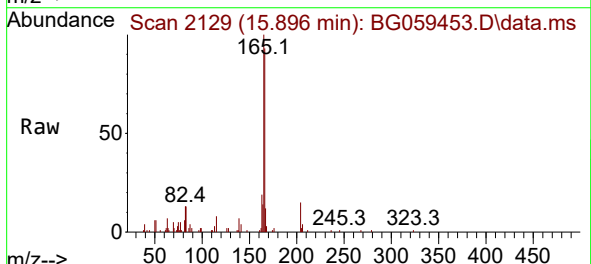
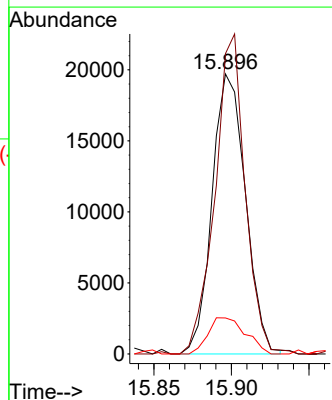
Manual Integrations
APPROVED

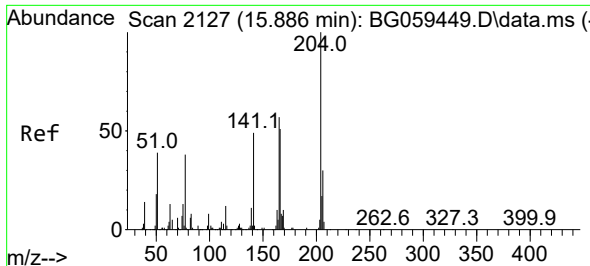
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 3.709 ng/ul
RT: 15.896 min Scan# 2129
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

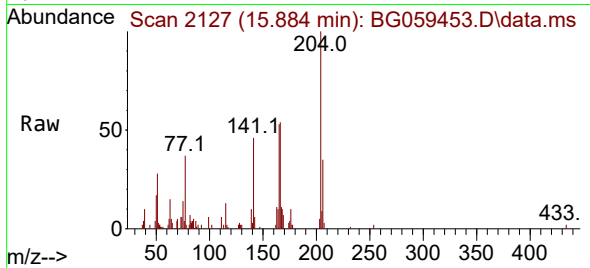
Tgt Ion:166 Resp: 29532
Ion Ratio Lower Upper
166 100
165 107.3 75.6 113.4
167 12.9 9.9 14.9





#62
4-Chlorophenyl-phenylether
Concen: 3.917 ng/ul
RT: 15.884 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

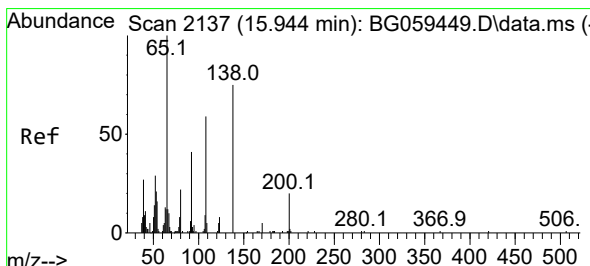
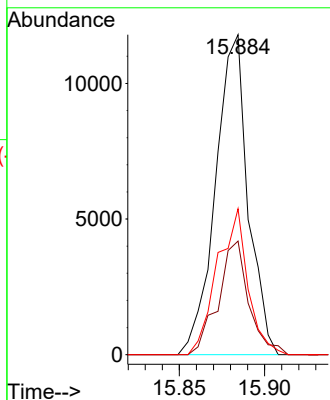
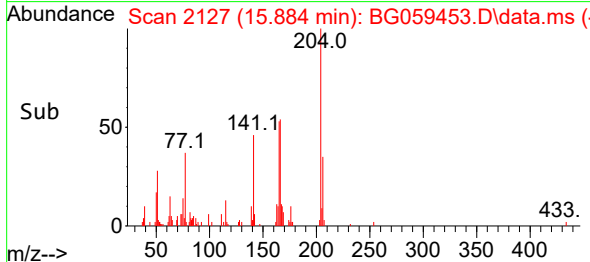
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:204 Resp: 1565
Ion Ratio Lower Upper
204 100
206 35.5 25.8 38.8
141 45.6 42.3 63.5

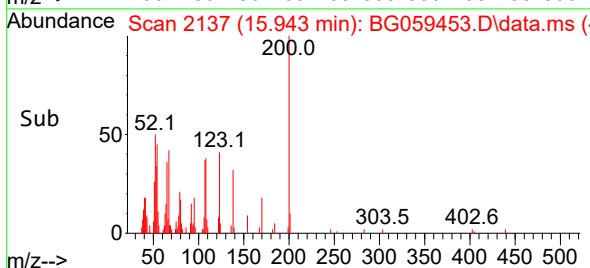
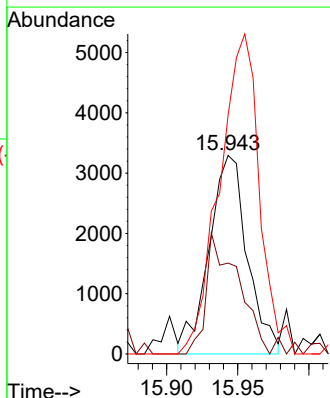
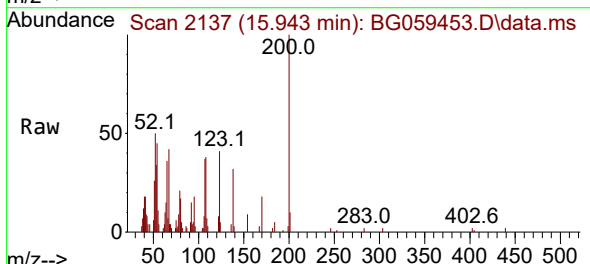
Manual Integrations
APPROVED

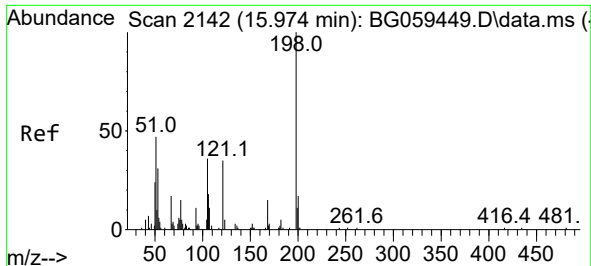
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 4.044 ng/ul
RT: 15.943 min Scan# 2137
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

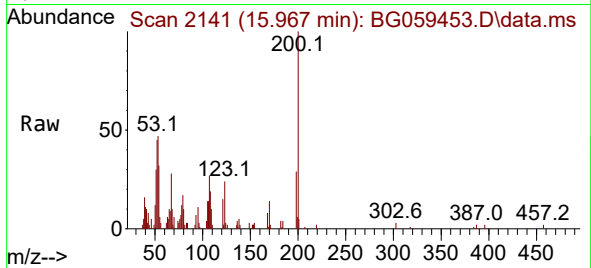
Tgt Ion:138 Resp: 6165
Ion Ratio Lower Upper
138 100
92 45.8 43.3 64.9
108 120.3 67.9 101.9#





#66
4,6-Dinitro-2-methylphenol
Concen: 2.661 ng/ul
RT: 15.967 min Scan# 2142
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

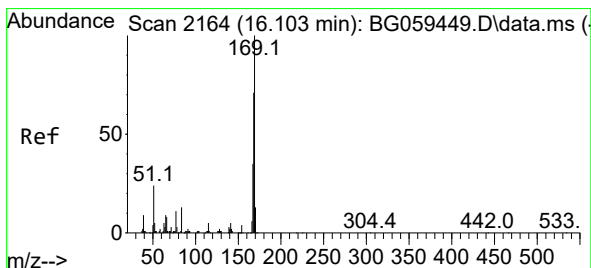
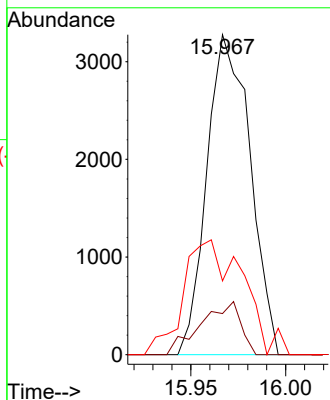
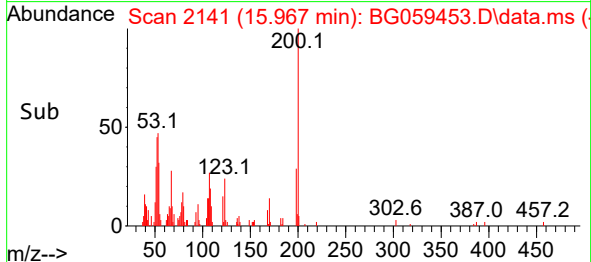
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:198 Resp: 5190
Ion Ratio Lower Upper
198 100
182 12.9 4.7 7.1
77 23.0 17.7 26.5

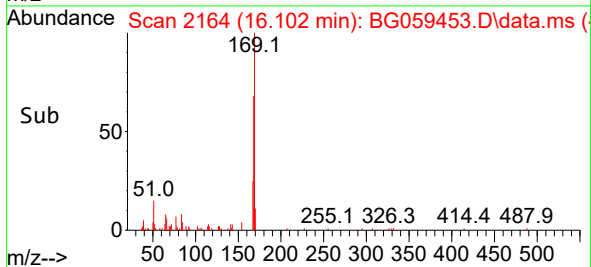
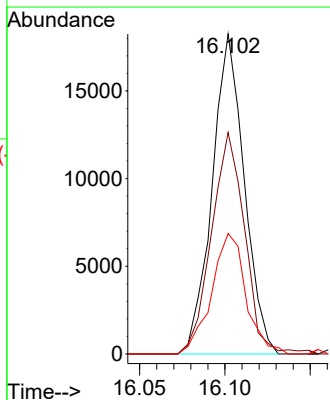
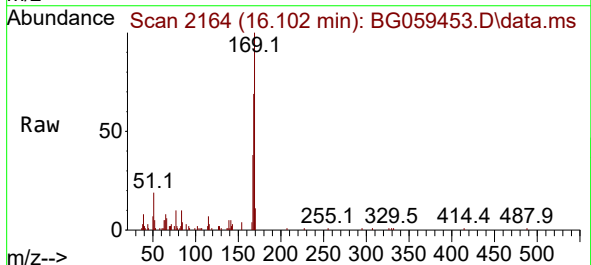
Manual Integrations
APPROVED

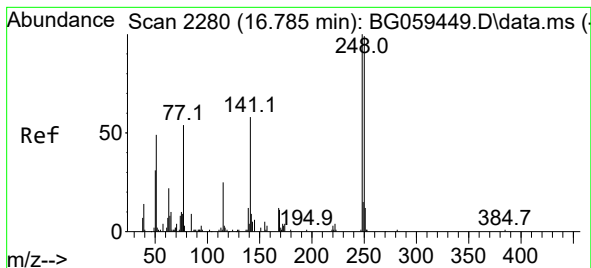
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 2.737 ng/ul
RT: 16.102 min Scan# 2164
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:169 Resp: 23884
Ion Ratio Lower Upper
169 100
168 69.2 55.8 83.8
167 37.7 28.2 42.2





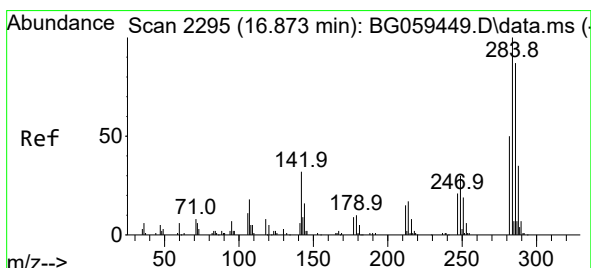
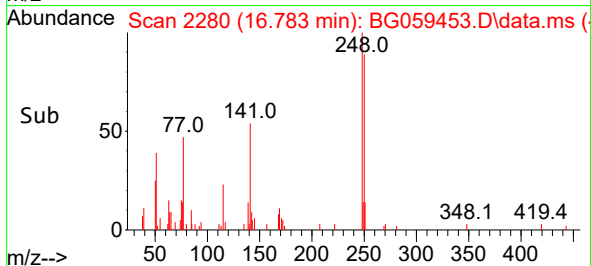
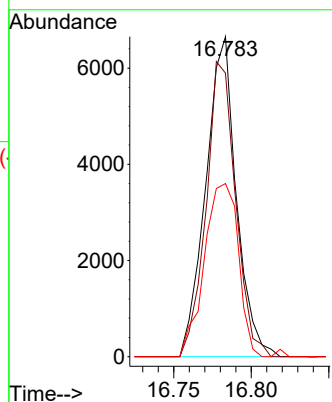
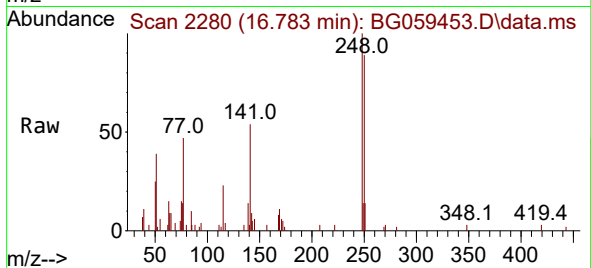
#68
4-Bromophenyl-phenylether
Concen: 2.785 ng/ul
RT: 16.783 min Scan# 2114
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:248 Resp: 9114
Ion Ratio Lower Upper
248 100
250 88.6 74.6 111.8
141 54.1 44.3 66.5

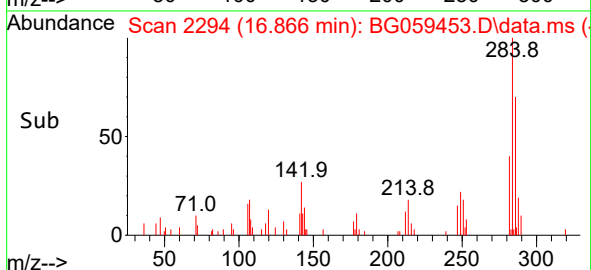
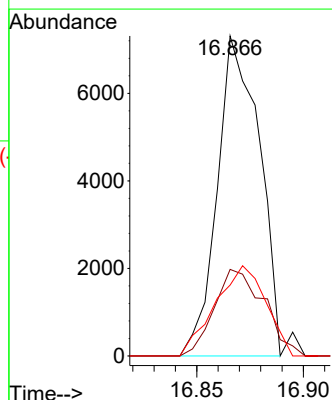
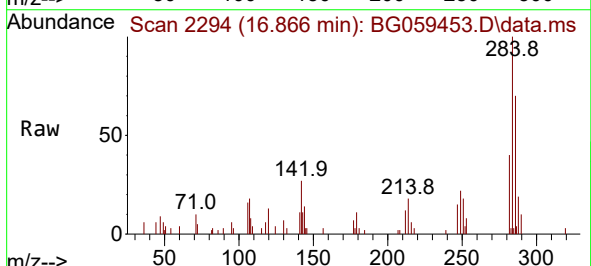
Manual Integrations
APPROVED

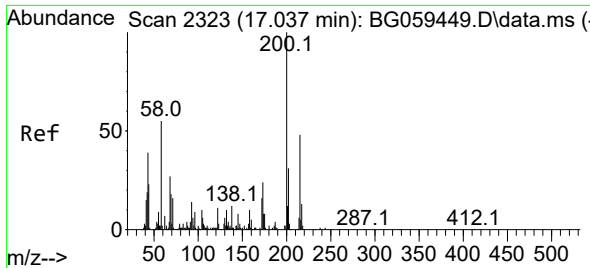
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 2.671 ng/ul
RT: 16.866 min Scan# 2294
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

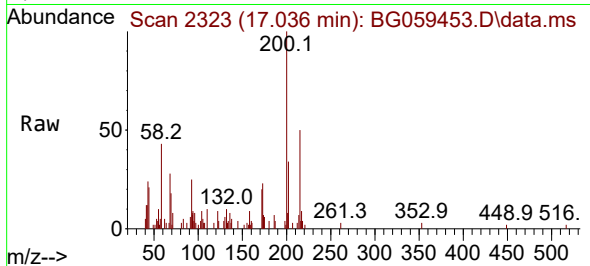
Tgt Ion:284 Resp: 10019
Ion Ratio Lower Upper
284 100
142 26.1 22.1 33.1
249 21.4 23.1 34.7#





#70
Atrazine
Concen: 2.814 ng/ul
RT: 17.036 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

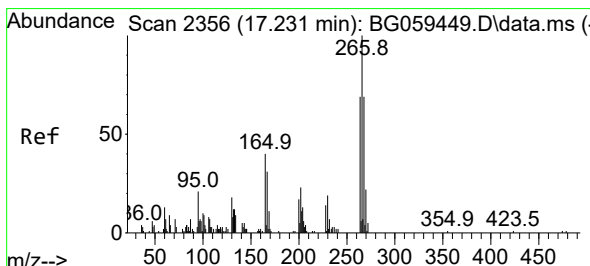
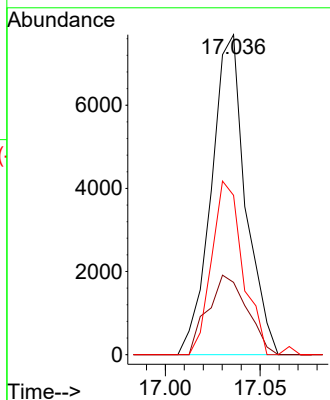
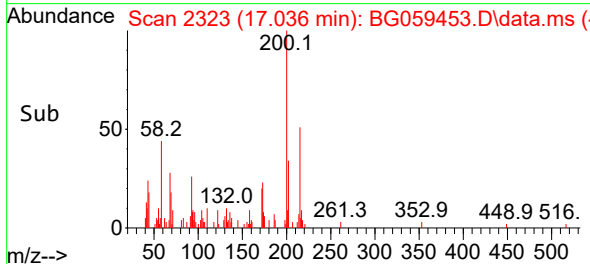
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



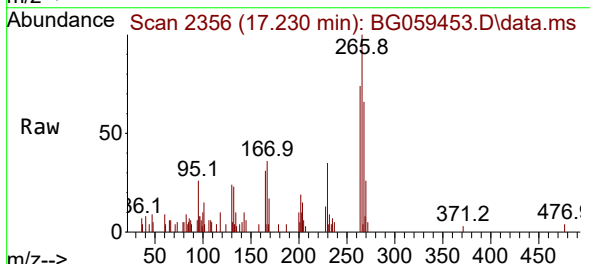
Tgt Ion:200 Resp: 9690
Ion Ratio Lower Upper
200 100
173 22.6 22.3 33.5
215 49.8 37.0 55.4

Manual Integrations
APPROVED

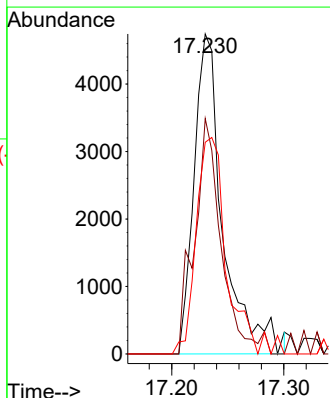
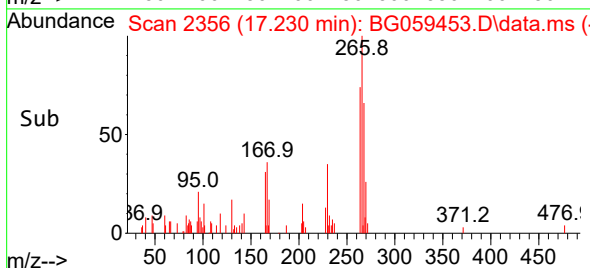
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

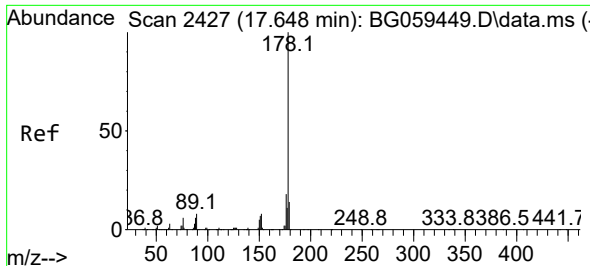


#71
Pentachlorophenol
Concen: 4.019 ng/ul m
RT: 17.230 min Scan# 2356
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



Tgt Ion:266 Resp: 8544
Ion Ratio Lower Upper
266 100
264 73.6 47.9 71.9#
268 66.2 50.0 75.0





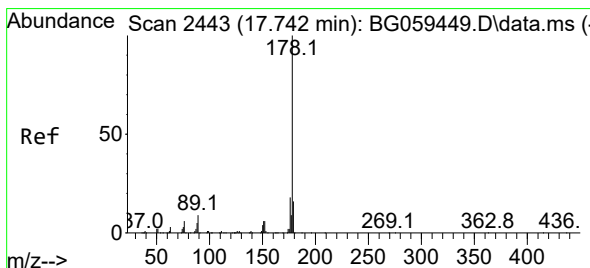
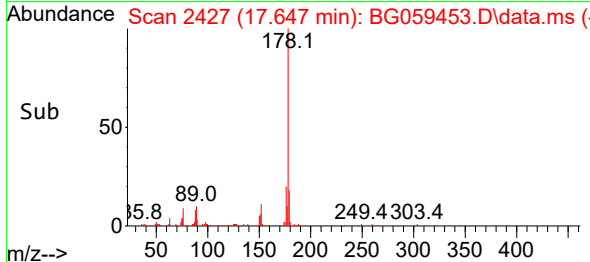
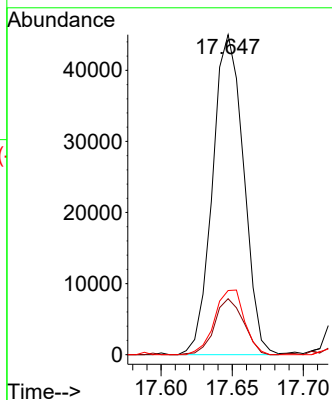
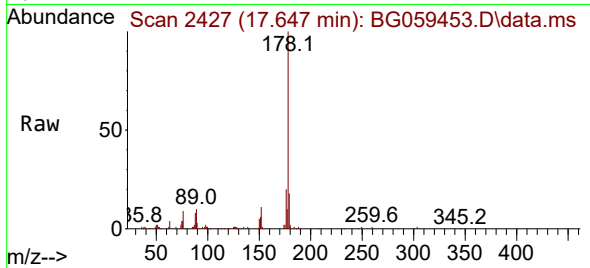
#72
Phenanthrene
Concen: 3.684 ng/ul
RT: 17.647 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion:178 Resp: 68384
Ion Ratio Lower Upper
178 100
179 17.5 11.0 16.4
176 20.0 15.1 22.7

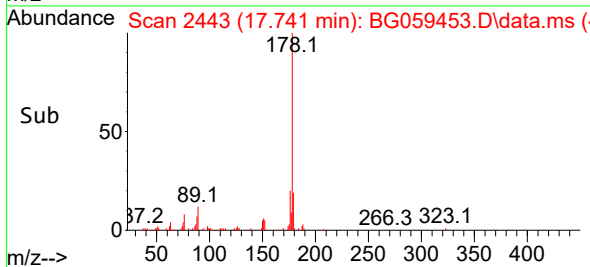
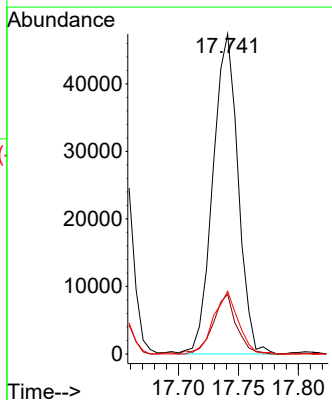
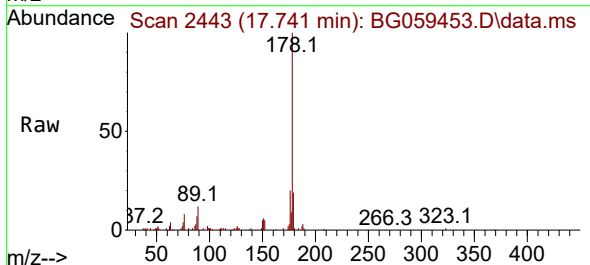
Manual Integrations
APPROVED

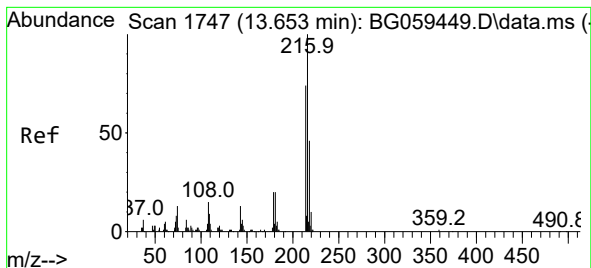
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 3.609 ng/ul m
RT: 17.741 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:178 Resp: 69043
Ion Ratio Lower Upper
178 100
179 18.7 12.2 18.2
176 19.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.582 ng/uL

RT: 13.646 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059453.D

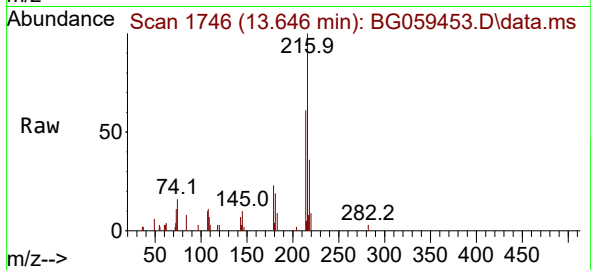
Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04



Tgt Ion:216 Resp: 1110

Ion Ratio Lower Upper

216 100

214 61.0 62.1 93.1

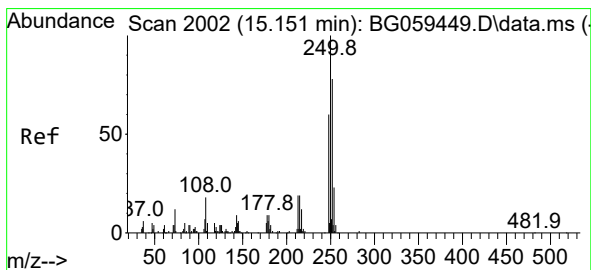
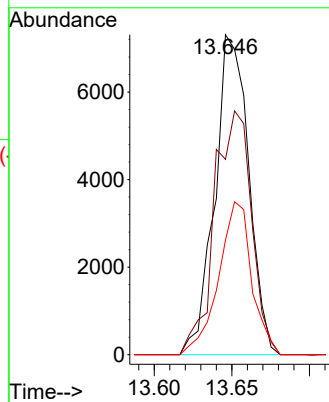
218 35.8 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#76

Pentachlorobenzene

Concen: 2.983 ng/uL

RT: 15.144 min Scan# 2001

Delta R.T. -0.004 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

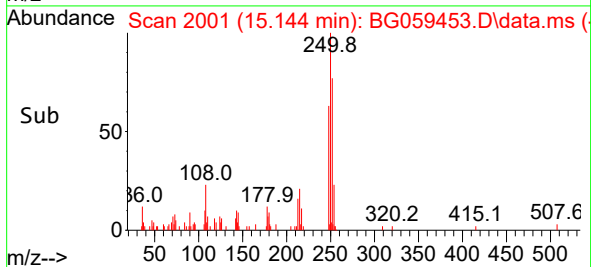
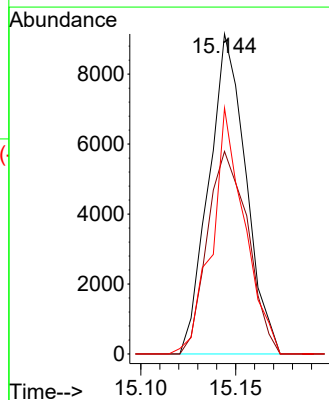
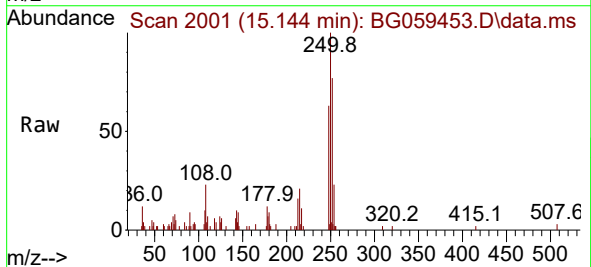
Tgt Ion:250 Resp: 12408

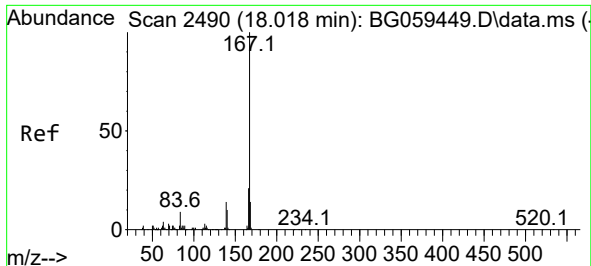
Ion Ratio Lower Upper

250 100

248 63.3 50.6 75.8

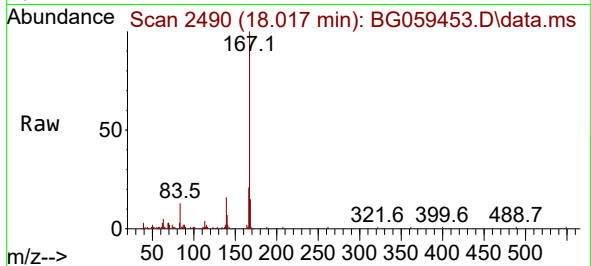
252 80.2 56.4 84.6





#77
 Carbazole
 Concen: 3.384 ng/ul m
 RT: 18.017 min Scan# 2490
 Delta R.T. 0.002 min
 Lab File: BG059453.D
 Acq: 16 Oct 2023 12:15

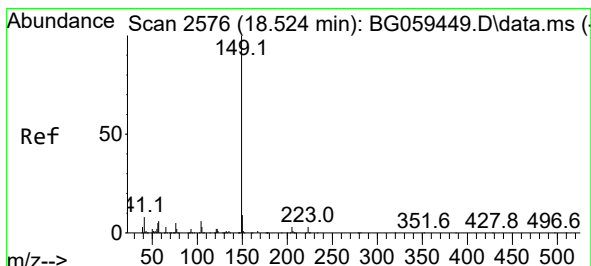
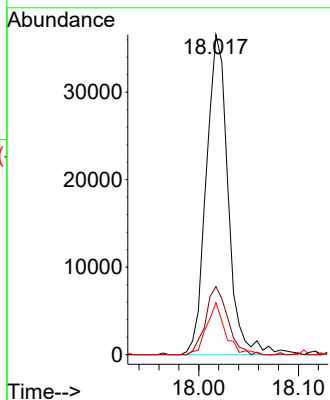
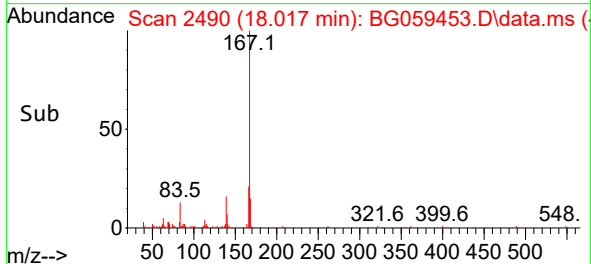
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04



Tgt Ion:167 Resp: 55720
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 16.3 9.0 13.6

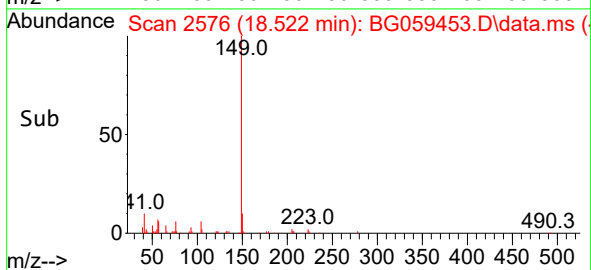
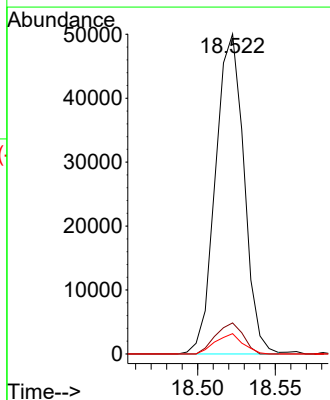
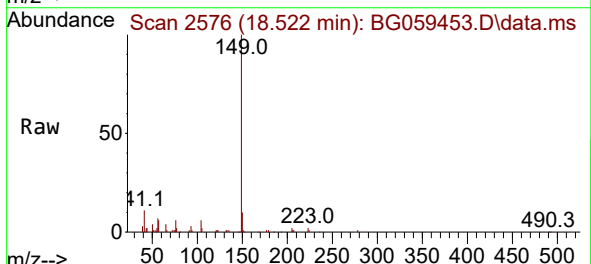
Manual Integrations
 APPROVED

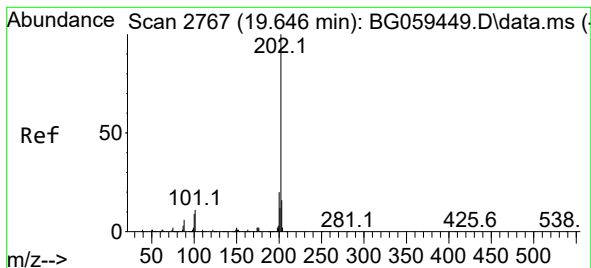
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 3.405 ng/ul
 RT: 18.522 min Scan# 2576
 Delta R.T. 0.002 min
 Lab File: BG059453.D
 Acq: 16 Oct 2023 12:15

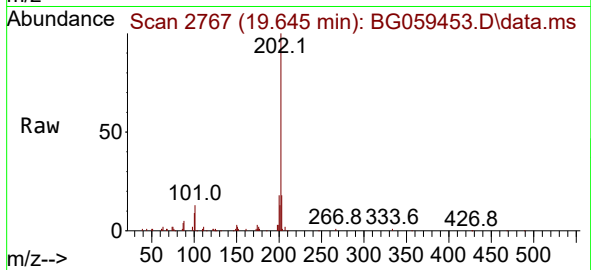
Tgt Ion:149 Resp: 63804
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.4 3.7 5.5





#80
Fluoranthene
Concen: 3.572 ng/ul
RT: 19.645 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

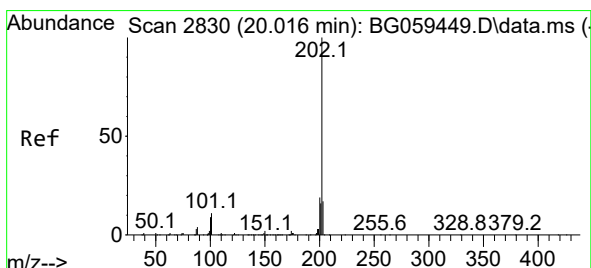
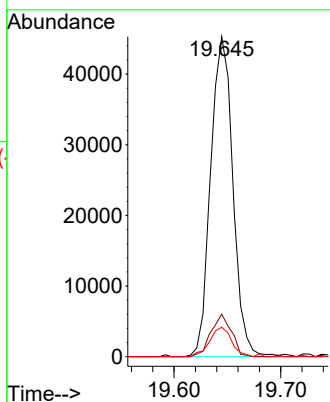
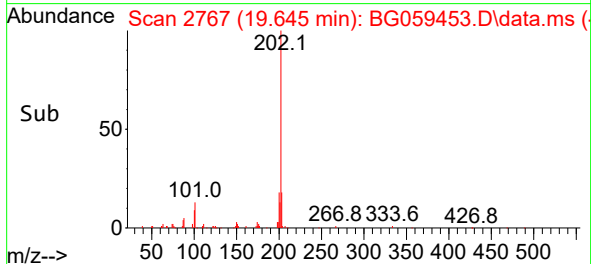
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



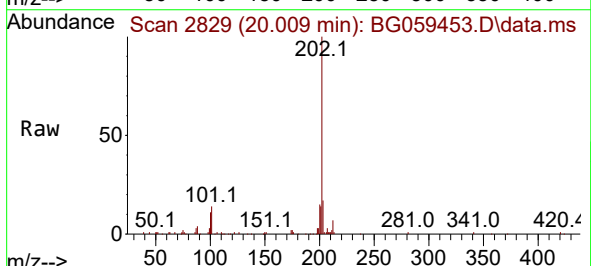
Tgt Ion:202 Resp: 6557
Ion Ratio Lower Upper
202 100
101 13.3 8.9 13.3
100 9.2 8.3 12.5

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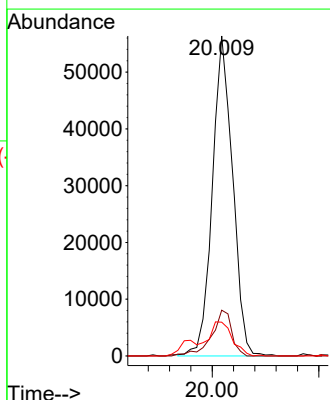
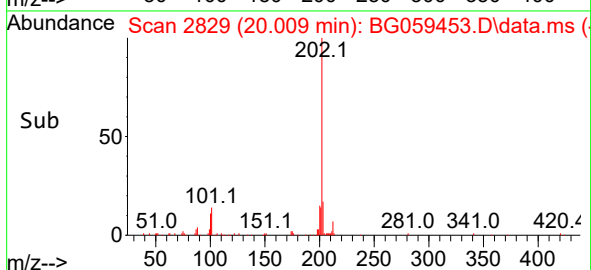
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

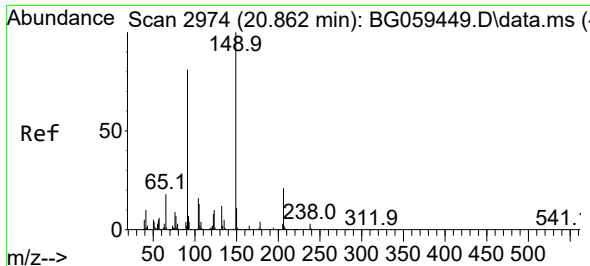


#82
Pyrene
Concen: 3.812 ng/ul
RT: 20.009 min Scan# 2829
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



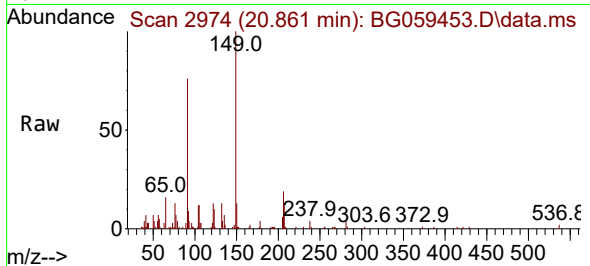
Tgt Ion:202 Resp: 74384
Ion Ratio Lower Upper
202 100
101 14.3 9.5 14.3#
100 10.5 9.8 14.8





#83
Butylbenzylphthalate
Concen: 3.641 ng/ul
RT: 20.861 min Scan# 2974
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

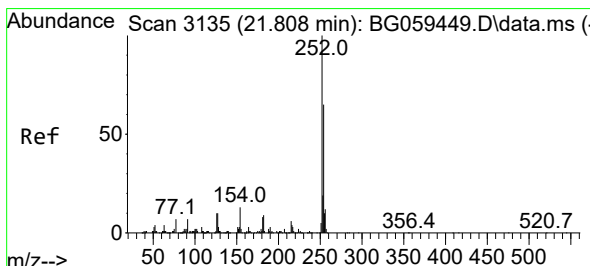
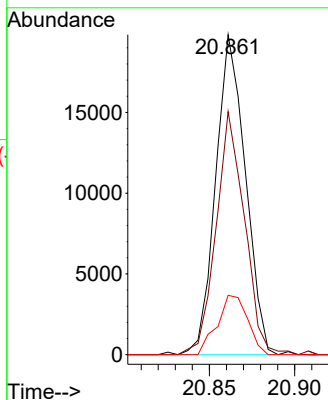
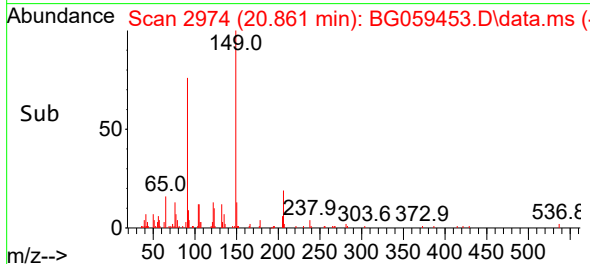
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



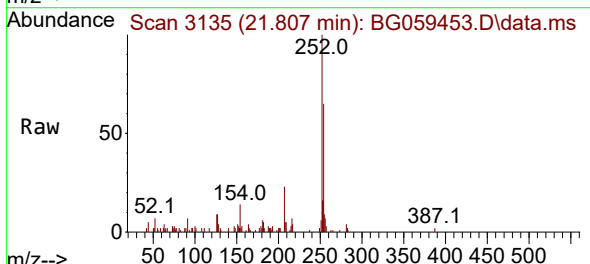
Tgt Ion:149 Resp: 23980
Ion Ratio Lower Upper
149 100
91 76.0 66.4 99.6
206 18.5 17.4 26.0

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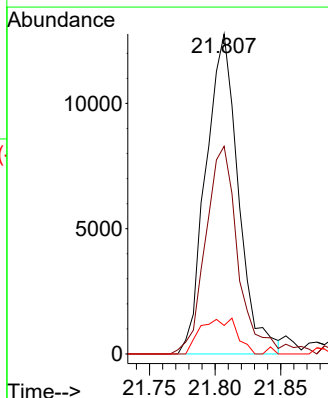
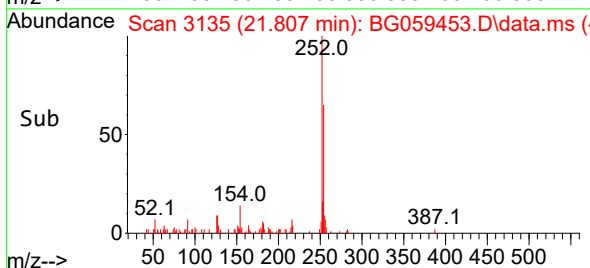
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

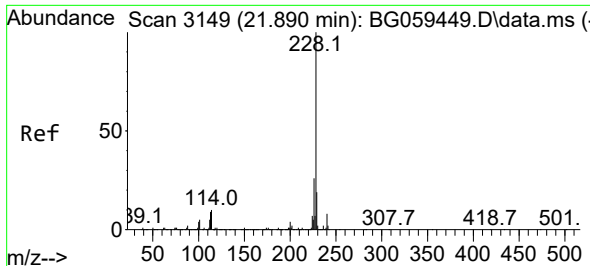


#84
3,3'-Dichlorobenzidine
Concen: 3.417 ng/ul
RT: 21.807 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15



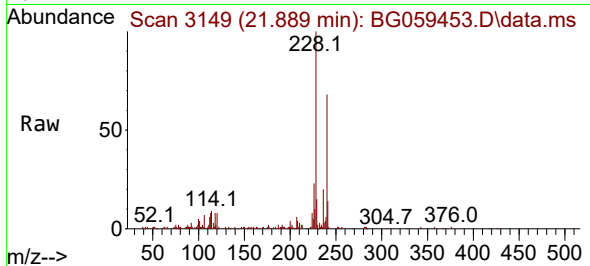
Tgt Ion:252 Resp: 22047
Ion Ratio Lower Upper
252 100
254 64.9 53.8 80.6
126 8.9 8.6 12.8





#85
Benzo(a)anthracene
Concen: 3.739 ng/ul m
RT: 21.889 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

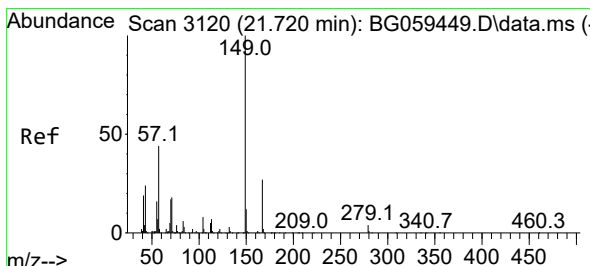
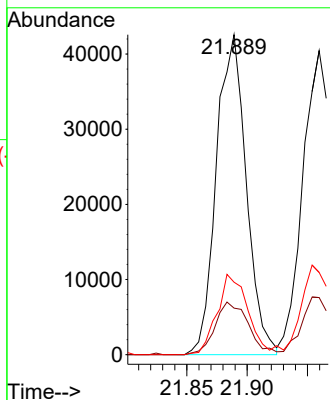
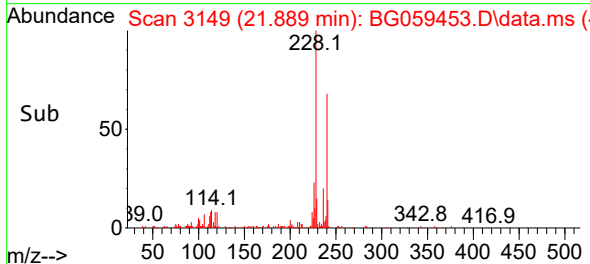
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:228 Resp: 7340
Ion Ratio Lower Upper
228 100
229 14.6 15.0 22.4
226 22.6 20.8 31.2

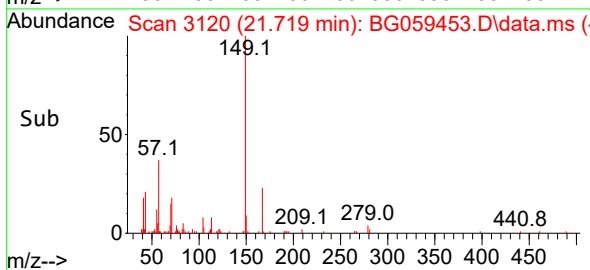
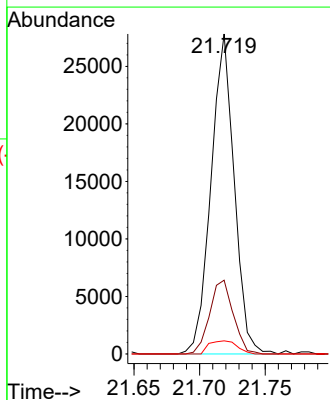
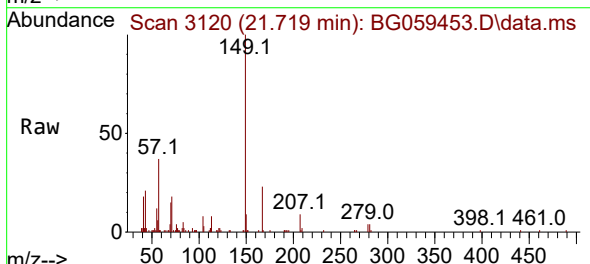
Manual Integrations
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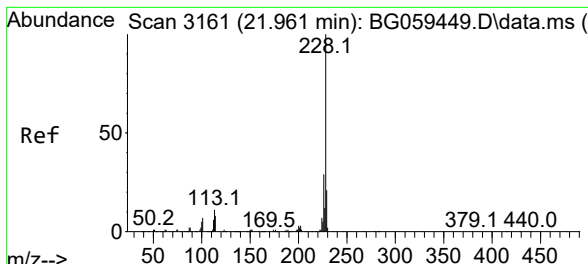
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.598 ng/ul
RT: 21.719 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

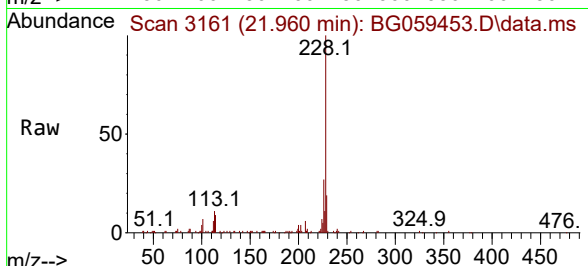
Tgt Ion:149 Resp: 34187
Ion Ratio Lower Upper
149 100
167 23.1 20.8 31.2
279 4.1 2.7 4.1#





#87
 Chrysene
 Concen: 3.859 ng/ul
 RT: 21.960 min Scan# 3161
 Delta R.T. 0.002 min
 Lab File: BG059453.D
 Acq: 16 Oct 2023 12:15

Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT2-2023-04

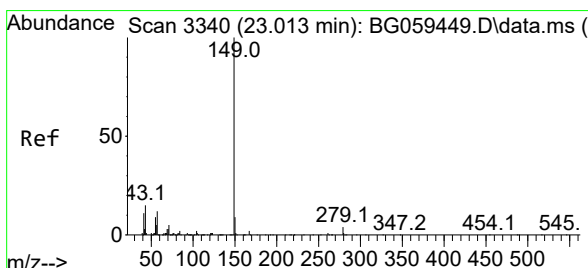
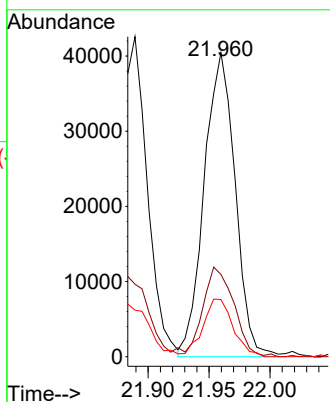
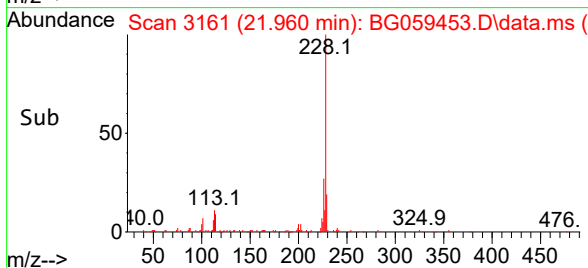


Tgt Ion: 228 Resp: 7137

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.0	34.6
229	18.8	16.0	24.0

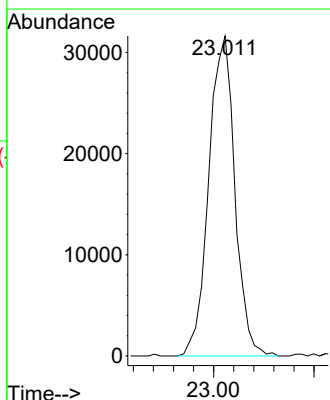
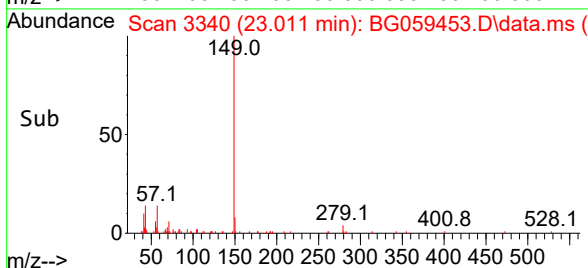
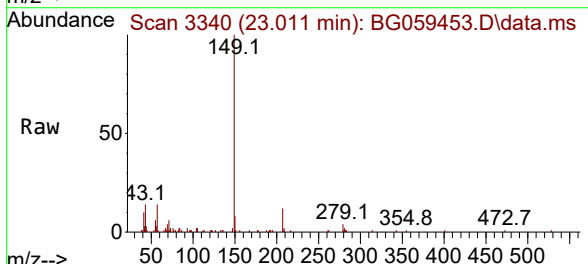
Manual Integrations
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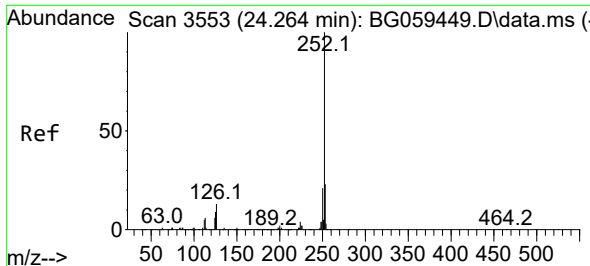
Reviewed By : Yogesh Patel 10/17/2023
 Supervised By : mohammad ahmed 10/18/2023



#89
 Di-n-octyl phthalate
 Concen: 3.432 ng/ul
 RT: 23.011 min Scan# 3340
 Delta R.T. 0.008 min
 Lab File: BG059453.D
 Acq: 16 Oct 2023 12:15

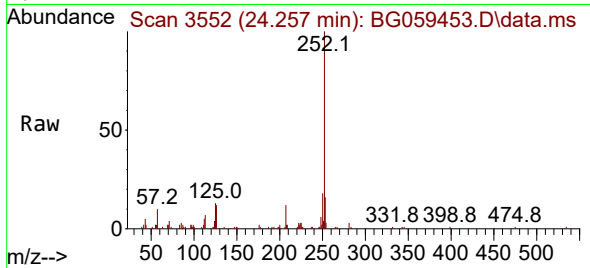
Tgt Ion: 149 Resp: 56973





#90
Benzo(b)fluoranthene
Concen: 3.830 ng/ul
RT: 24.257 min Scan# 3552
Delta R.T. -0.004 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

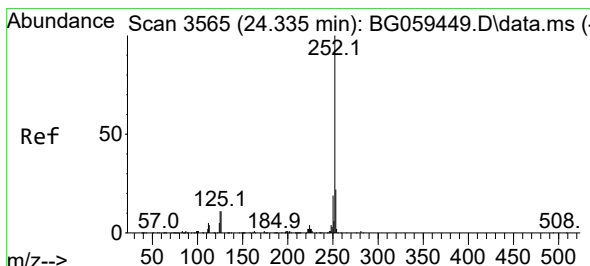
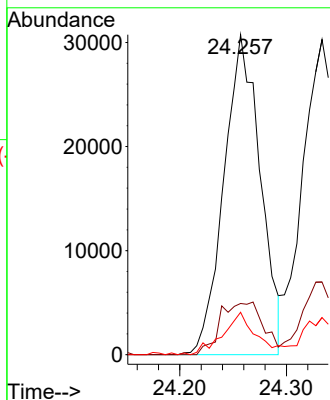
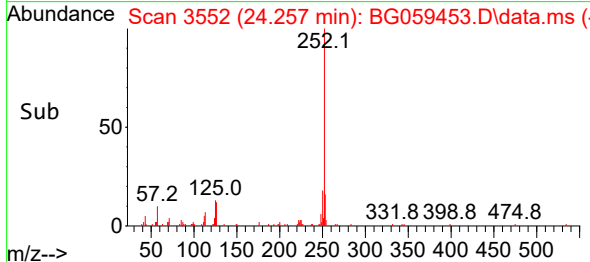
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:252 Resp: 7297
Ion Ratio Lower Upper
252 100
253 16.0 16.8 25.2
125 13.2 6.9 10.3

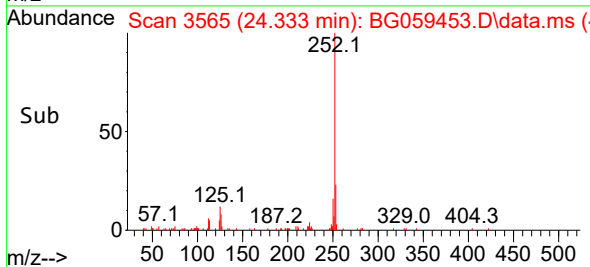
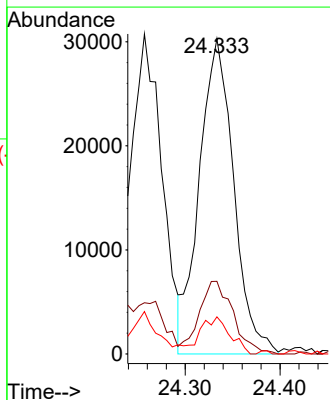
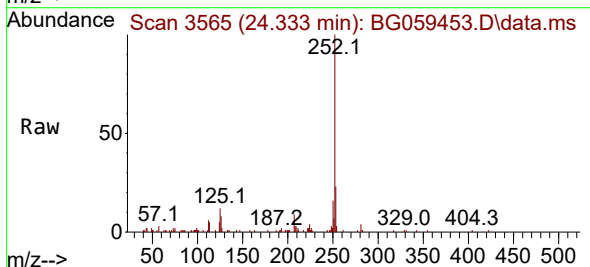
Manual Integrations
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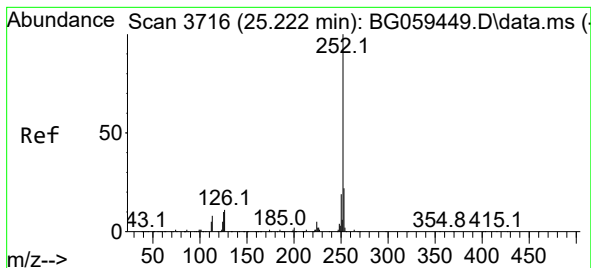
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 3.905 ng/ul
RT: 24.333 min Scan# 3565
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:252 Resp: 76273
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 11.8 6.9 10.3





#93

Benzo(a)pyrene

Concen: 3.822 ng/ul

RT: 25.221 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

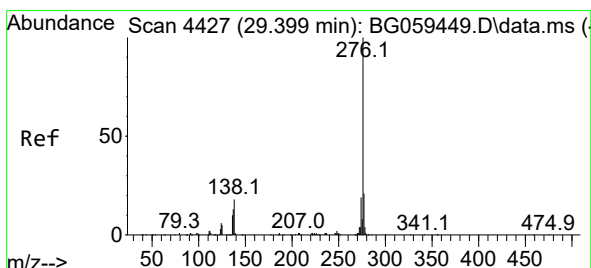
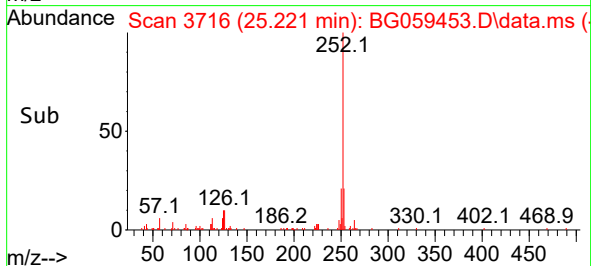
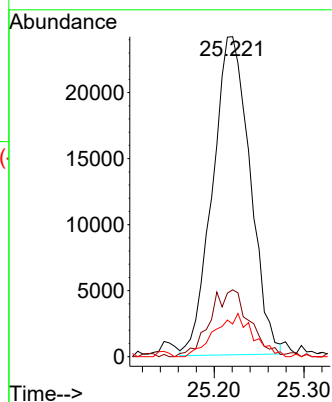
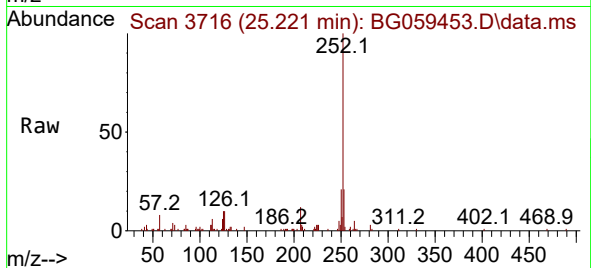
Tgt Ion:	252	Resp:	6984
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.7	26.5
125	10.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.671 ng/ul m

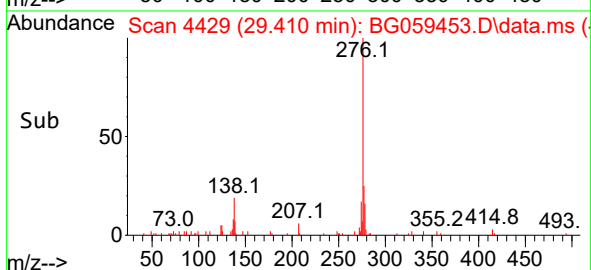
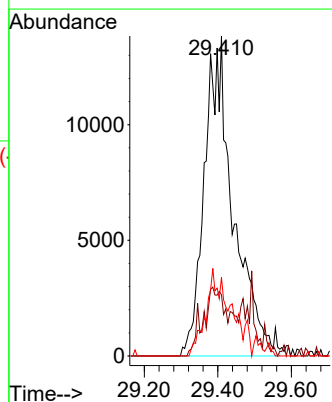
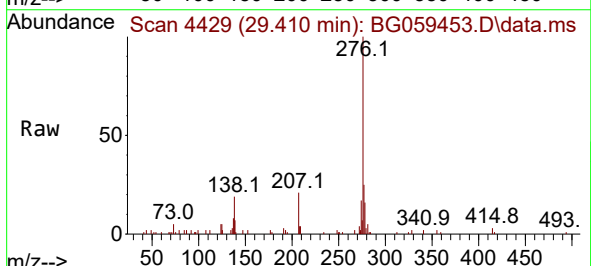
RT: 29.410 min Scan# 4429

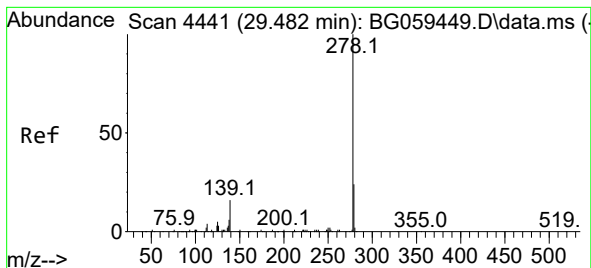
Delta R.T. 0.002 min

Lab File: BG059453.D

Acq: 16 Oct 2023 12:15

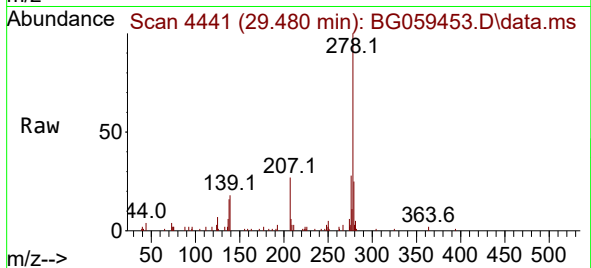
Tgt Ion:	276	Resp:	75440
Ion Ratio	Lower	Upper	
276	100		
138	19.1	13.4	20.2
277	24.6	18.7	28.1





#95
Dibenzo(a,h)anthracene
Concen: 3.652 ng/ul m
RT: 29.480 min Scan# 4441
Delta R.T. 0.002 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

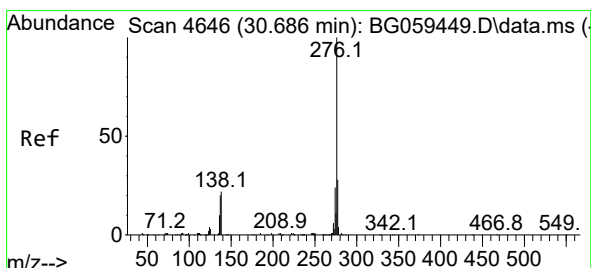
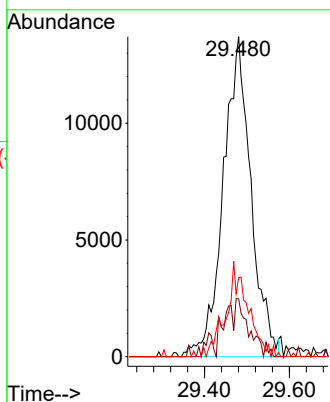
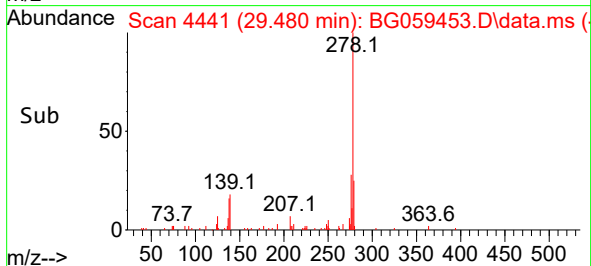
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:278 Resp: 6202
Ion Ratio Lower Upper
278 100
139 18.1 12.1 18.1
279 24.8 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#96
Benzo(g,h,i)perylene
Concen: 3.715 ng/ul m
RT: 30.667 min Scan# 4643
Delta R.T. -0.015 min
Lab File: BG059453.D
Acq: 16 Oct 2023 12:15

Tgt Ion:276 Resp: 61981
Ion Ratio Lower Upper
276 100
138 9.3 16.5 24.7#
277 17.2 12.9 19.3

