

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063153.D
 Acq On : 4 Nov 2024 12:43
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 04 12:23:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/05/2024

Supervised By :mohammad
 ahmed
 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	110241	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	449976	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	339556	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	847739	20.000	ng	0.00
76) Chrysene-d12	21.477	240	961496	20.000	ng	0.00
86) Perylene-d12	24.509	264	1062308	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	733824	103.218	ng	0.00
7) Phenol-d6	7.018	99	1064689	114.281	ng	0.00
23) Nitrobenzene-d5	8.998	82	829561	80.182	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	636066	110.278	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1836716	80.116	ng	0.00
79) Terphenyl-d14	19.856	244	3619613	77.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	29938	10.717	ng	97
3) Pyridine	3.751	79	69211	10.264	ng	95
4) n-Nitrosodimethylamine	3.663	42	46570	11.118	ng	91
6) Aniline	7.171	93	117172	13.985	ng	# 92
8) 2-Chlorophenol	7.412	128	77989	11.812	ng	86
9) Benzaldehyde	6.983	77	84467	14.591	ng	91
10) Phenol	7.041	94	112320	11.254	ng	97
11) bis(2-Chloroethyl)ether	7.265	93	76727	11.398	ng	90
12) 1,3-Dichlorobenzene	7.735	146	85969	10.732	ng	93
13) 1,4-Dichlorobenzene	7.876	146	87989	10.775	ng	93
14) 1,2-Dichlorobenzene	8.193	146	85959	10.920	ng	96
15) Benzyl Alcohol	8.081	79	83516	11.156	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.358	45	150185	12.300	ng	98
17) 2-Methylphenol	8.281	107	66781	10.518	ng	96
18) Hexachloroethane	8.916	117	31873	10.907	ng	86
19) n-Nitroso-di-n-propyla...	8.640	70	72883	11.233	ng	98
20) 3+4-Methylphenols	8.610	107	94297	11.136	ng	89
22) Acetophenone	8.657	105	137031	11.365	ng	# 95
24) Nitrobenzene	9.039	77	110644	9.890	ng	96
25) Isophorone	9.556	82	200030	11.177	ng	97
26) 2-Nitrophenol	9.744	139	42554	10.343	ng	# 84
27) 2,4-Dimethylphenol	9.809	122	42163	8.336	ng	94
28) bis(2-Chloroethoxy)met...	10.044	93	106664	11.367	ng	# 98
29) 2,4-Dichlorophenol	10.285	162	81925	10.724	ng	94
30) 1,2,4-Trichlorobenzene	10.496	180	97737	10.401	ng	85
31) Naphthalene	10.678	128	260675	10.982	ng	# 97
32) Benzoic acid	9.926	122	31401m	7.124	ng	
33) 4-Chloroaniline	10.790	127	93331	11.651	ng	94
34) Hexachlorobutadiene	10.972	225	79050	10.222	ng	89
35) Caprolactam	11.536	113	26681	10.936	ng	94
36) 4-Chloro-3-methylphenol	11.918	107	94653	10.754	ng	97
37) 2-Methylnaphthalene	12.294	142	177611	10.548	ng	97
38) 1-Methylnaphthalene	12.512	142	169682	10.238	ng	96
40) 1,2,4,5-Tetrachloroben...	12.664	216	131512	10.778	ng	99
41) Hexachlorocyclopentadiene	12.647	237	33247	8.386	ng	97
43) 2,4,6-Trichlorophenol	12.905	196	74532	10.203	ng	88

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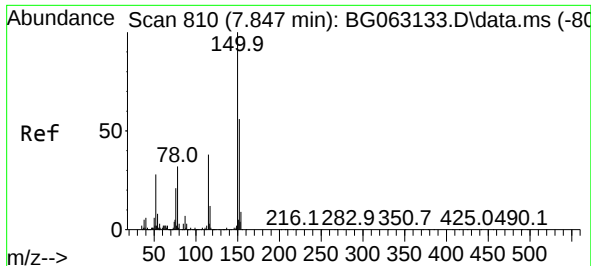
Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/05/2024

Supervised By :mohammad
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 11/06/2024

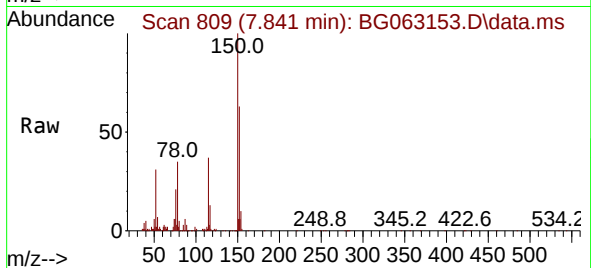
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44) 2,4,5-Trichlorophenol	12.982	196	85913	10.696	ng	92
46) 1,1'-Biphenyl	13.305	154	260826	11.317	ng	100
47) 2-Chloronaphthalene	13.352	162	207140	10.732	ng	95
48) 2-Nitroaniline	13.552	65	70577	10.418	ng	# 80
49) Acenaphthylene	14.198	152	322705	11.843	ng	95
50) Dimethylphthalate	13.928	163	266835	11.026	ng	98
51) 2,6-Dinitrotoluene	14.045	165	50972	9.865	ng	95
52) Acenaphthene	14.539	154	181174	10.740	ng	99
53) 3-Nitroaniline	14.386	138	54281	11.065	ng	# 85
54) 2,4-Dinitrophenol	14.591	184	20607	6.539	ng	# 78
55) Dibenzofuran	14.873	168	336979	11.329	ng	97
56) 4-Nitrophenol	14.691	139	36399	9.800	ng	96
57) 2,4-Dinitrotoluene	14.838	165	78926	10.680	ng	# 93
58) Fluorene	15.526	166	254481	10.796	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.108	232	75322	9.772	ng	97
60) Diethylphthalate	15.297	149	275480	11.086	ng	98
61) 4-Chlorophenyl-phenyle...	15.520	204	163629	11.169	ng	96
62) 4-Nitroaniline	15.543	138	60670	11.209	ng	87
63) Azobenzene	15.814	77	298534	11.615	ng	99
65) 4,6-Dinitro-2-methylph...	15.608	198	50875	9.334	ng	90
66) n-Nitrosodiphenylamine	15.737	169	237041	11.208	ng	98
67) 4-Bromophenyl-phenylether	16.419	248	113526	10.927	ng	# 92
68) Hexachlorobenzene	16.536	284	123404	10.253	ng	93
69) Atrazine	16.683	200	107530	11.060	ng	97
70) Pentachlorophenol	16.877	266	47036	7.855	ng	98
71) Phenanthrene	17.265	178	458486	11.156	ng	98
72) Anthracene	17.359	178	441700	10.950	ng	99
73) Carbazole	17.629	167	403458	10.625	ng	98
74) Di-n-butylphthalate	18.193	149	454970	10.553	ng	99
75) Fluoranthene	19.286	202	599880	10.312	ng	98
77) Benzidine	19.468	184	170548	11.512	ng	# 94
78) Pyrene	19.650	202	634512	11.132	ng	98
80) Butylbenzylphthalate	20.543	149	202275	11.015	ng	93
81) Benzo(a)anthracene	21.460	228	686321	11.335	ng	93
82) 3,3'-Dichlorobenzidine	21.378	252	250019	11.137	ng	94
83) Chrysene	21.519	228	642839	11.302	ng	97
84) Bis(2-ethylhexyl)phtha...	21.378	149	287901	10.807	ng	97
85) Di-n-octyl phthalate	22.517	149	481285	10.798	ng	99
87) Indeno(1,2,3-cd)pyrene	27.923	276	809305	11.351	ng	# 95
88) Benzo(b)fluoranthene	23.546	252	659107	10.642	ng	100
89) Benzo(k)fluoranthene	23.610	252	695886	11.777	ng	98
90) Benzo(a)pyrene	24.362	252	624239	11.547	ng	97
91) Dibenzo(a,h)anthracene	27.970	278	655588	11.016	ng	# 95
92) Benzo(g,h,i)perylene	28.986	276	620367	10.546	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

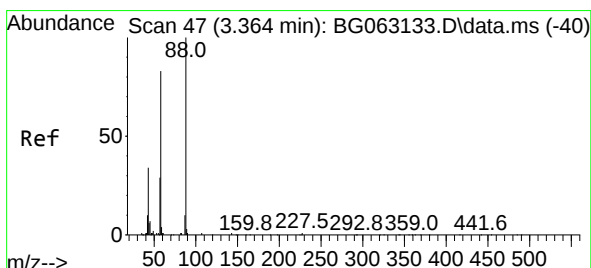
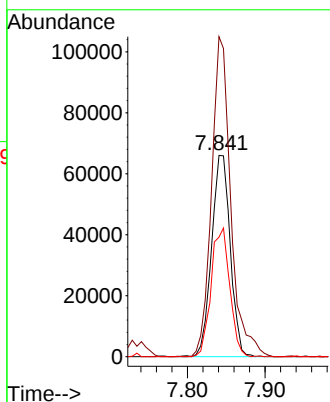
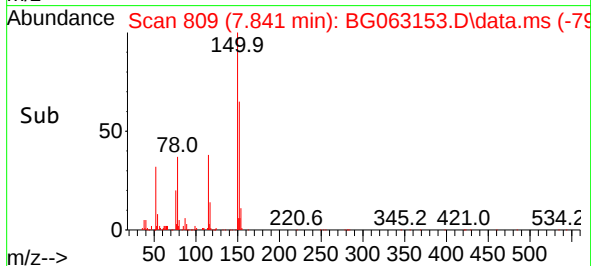


Tgt Ion:152 Resp: 11024
Ion Ratio Lower Upper
152 100
150 158.9 143.1 214.7
115 59.3 55.0 82.4

Manual Integrations
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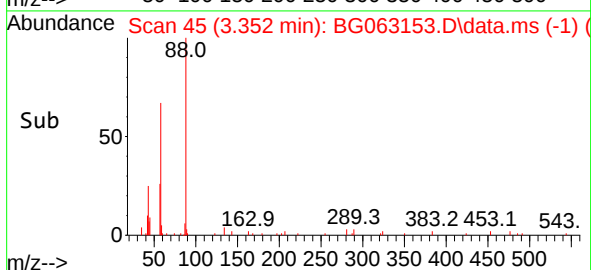
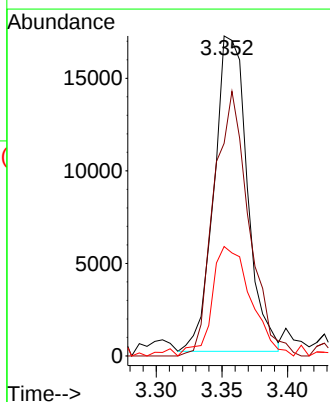
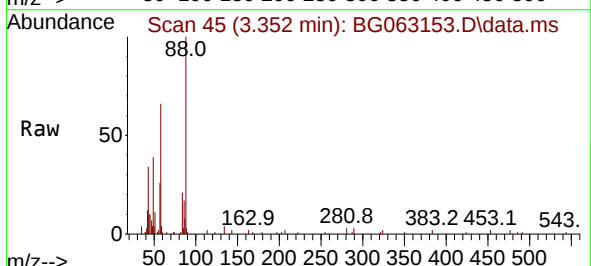
Reviewed By :Jagrut
Upadhyay
11/05/2024

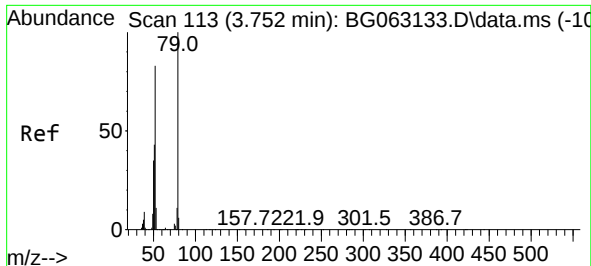
Supervised By :mohammad
ahmed
11/06/2024



#2
1,4-Dioxane
Concen: 10.717 ng
RT: 3.352 min Scan# 45
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

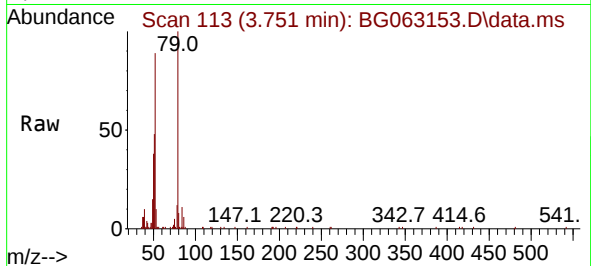
Tgt Ion: 88 Resp: 29938
Ion Ratio Lower Upper
88 100
58 88.9 73.8 110.6
43 40.5 32.0 48.0





#3
Pyridine
Concen: 10.264 ng
RT: 3.751 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

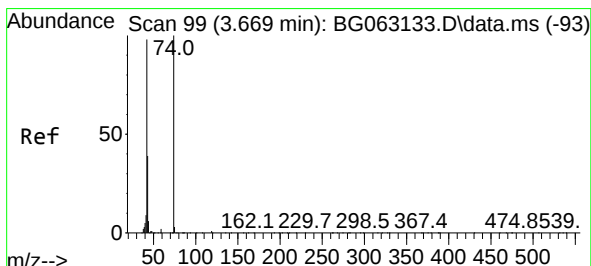
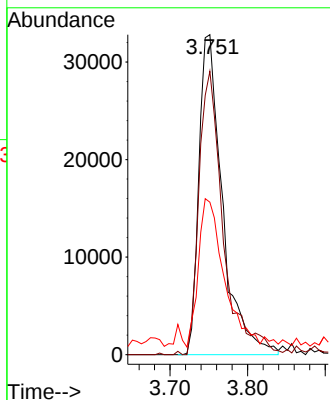
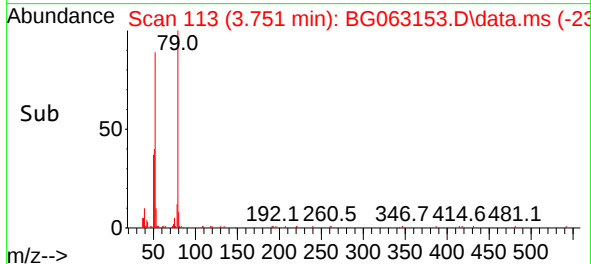


Tgt Ion: 79 Resp: 6921
Ion Ratio Lower Upper
79 100
52 88.6 66.1 99.1
51 47.7 36.6 54.8

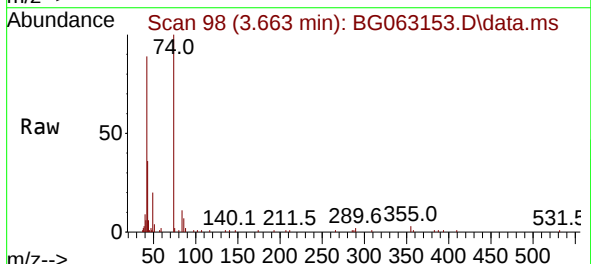
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Upadhyay
11/05/2024

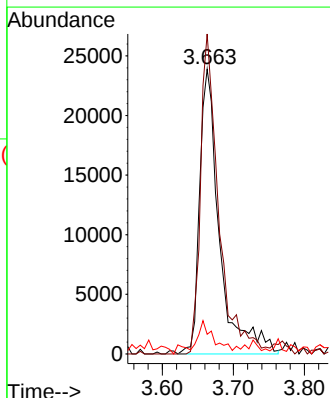
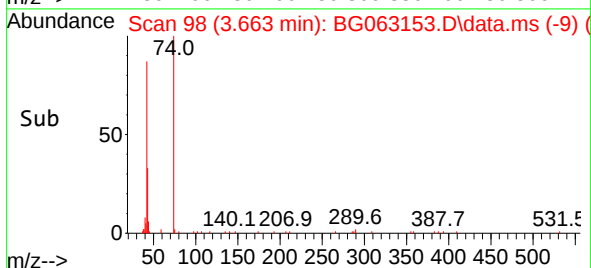
Supervised By :mohammad
ahmed
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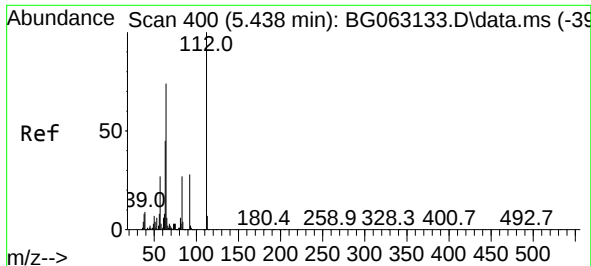


#4
n-Nitrosodimethylamine
Concen: 11.118 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43



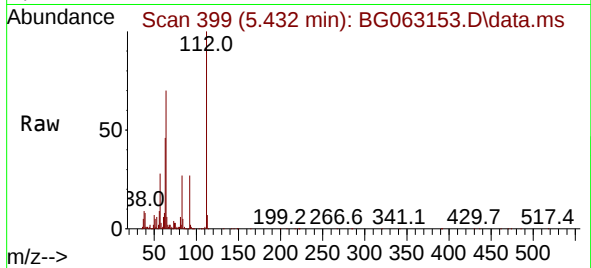
Tgt Ion: 42 Resp: 46570
Ion Ratio Lower Upper
42 100
74 112.4 81.9 122.9
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 103.218 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

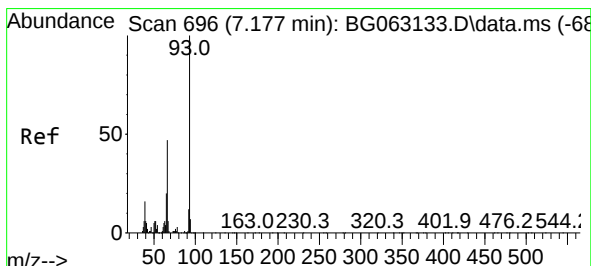
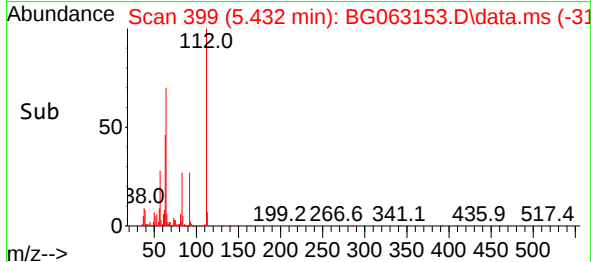
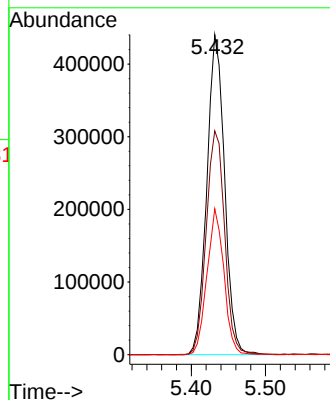


Tgt Ion: 112 Resp: 733824
Ion Ratio Lower Upper
112 100
64 69.9 59.4 89.0
63 45.6 35.8 53.6

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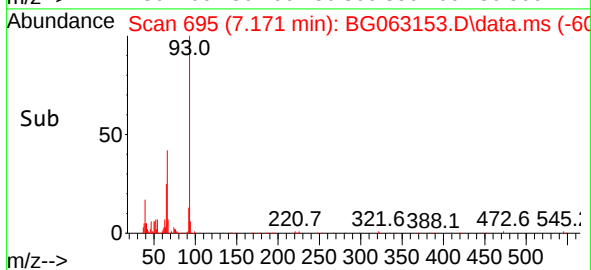
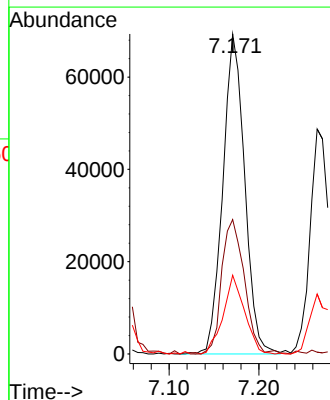
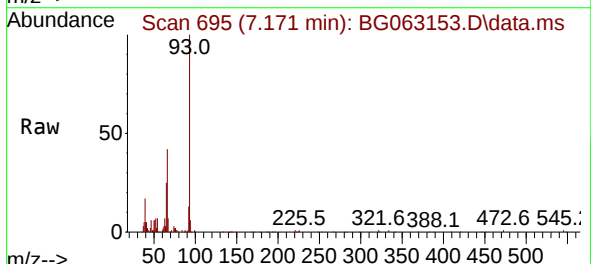
Reviewed By :Jagrut
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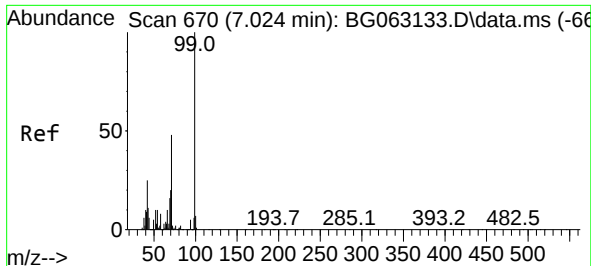
Supervised By :mohammad
ahmed
11/06/2024



#6
Aniline
Concen: 13.985 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

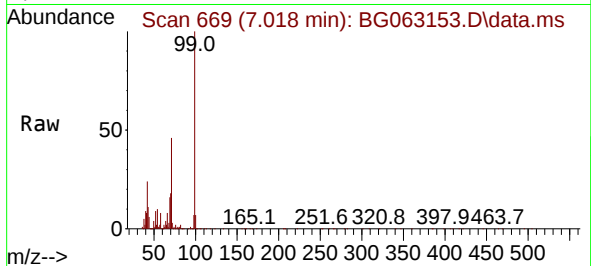
Tgt Ion: 93 Resp: 117172
Ion Ratio Lower Upper
93 100
66 42.0 37.8 56.8
65 24.6 16.1 24.1#





#7
Phenol-d6
Concen: 114.281 ng
RT: 7.018 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

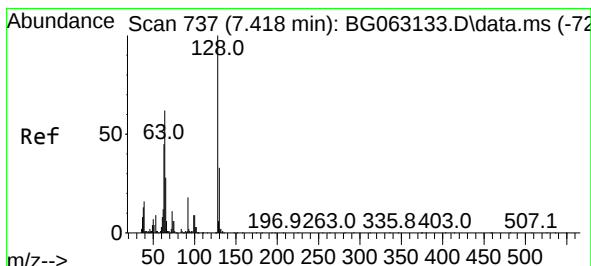
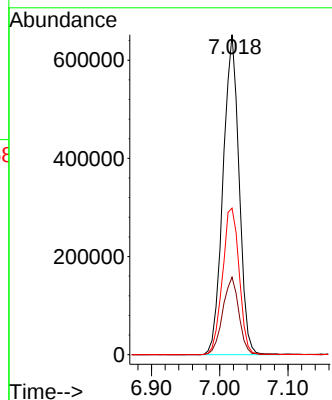


Tgt Ion: 99 Resp: 1064689
Ion Ratio Lower Upper
99 100
42 24.2 20.0 30.0
71 45.8 38.2 57.4

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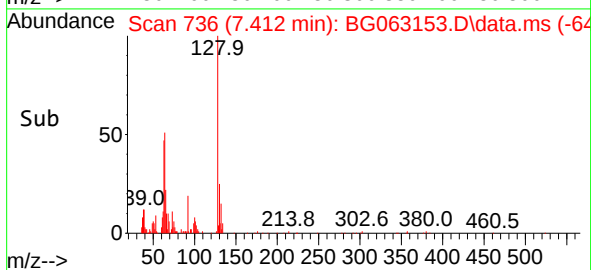
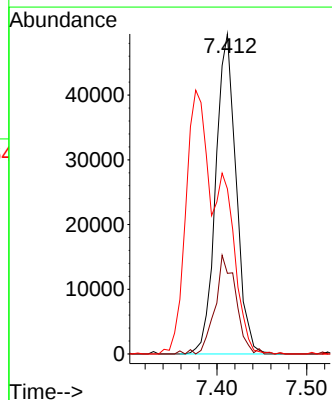
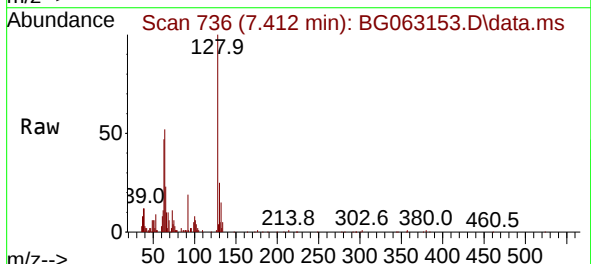
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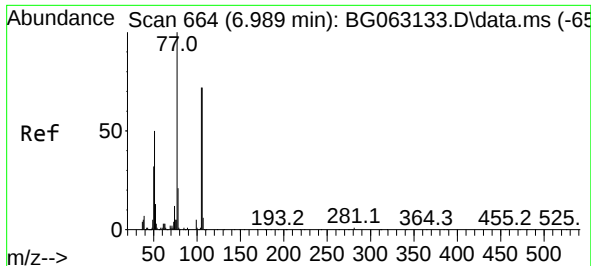
Supervised By :mohammad
ahmed
11/06/2024



#8
2-Chlorophenol
Concen: 11.812 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

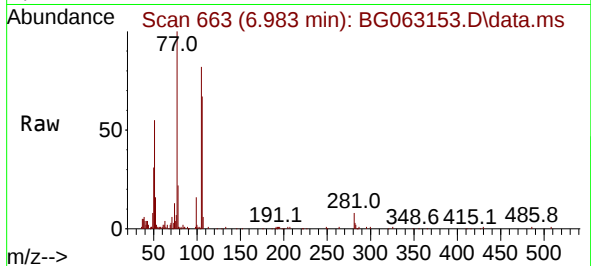
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Ion Ratio Lower Upper
128 100
130 25.2 13.3 53.3
64 51.6 41.8 81.8





#9
Benzaldehyde
Concen: 14.591 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

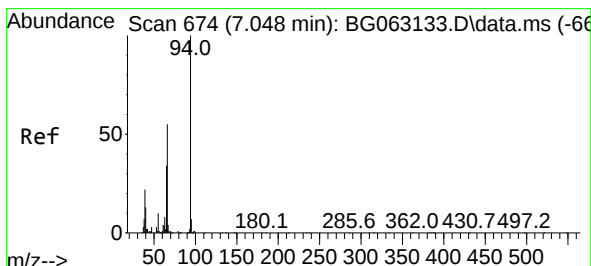
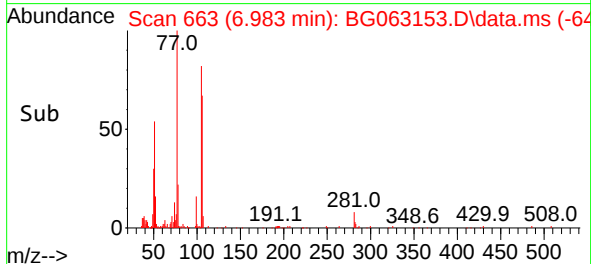
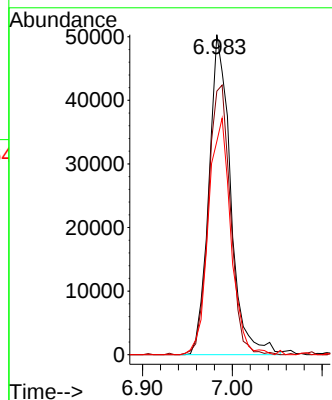


Tgt Ion: 77 Resp: 8446
Ion Ratio Lower Upper
77 100
105 82.4 52.2 92.2
106 66.6 52.2 92.2

Manual Integrations
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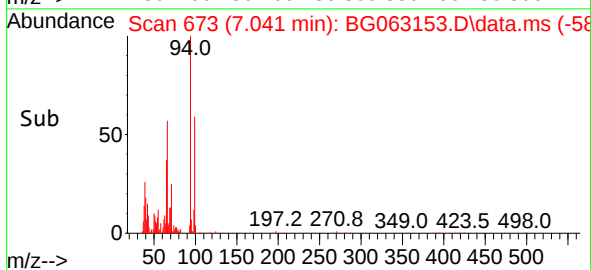
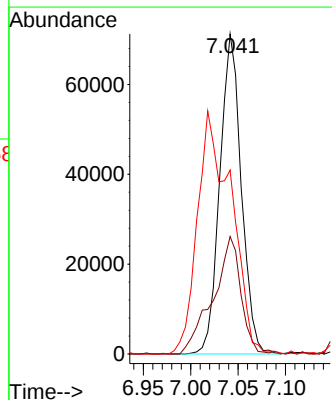
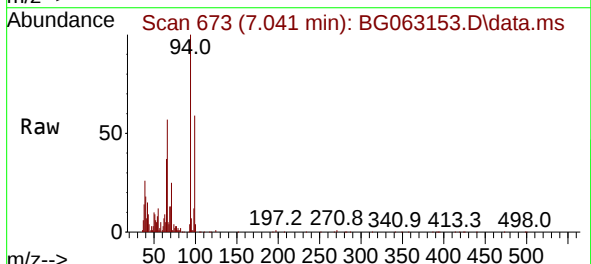
Reviewed By :Jagrut
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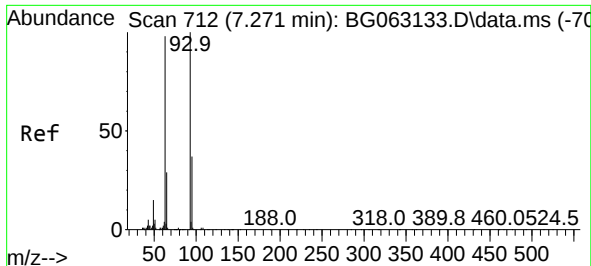
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ahmed
11/06/2024



#10
Phenol
Concen: 11.254 ng
RT: 7.041 min Scan# 673
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

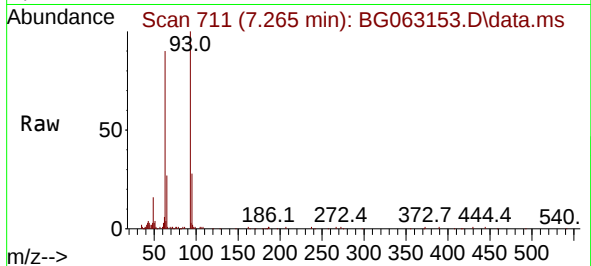
Tgt Ion: 94 Resp: 112320
Ion Ratio Lower Upper
94 100
65 36.7 14.2 54.2
66 57.4 36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 11.398 ng
RT: 7.265 min Scan# 712
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

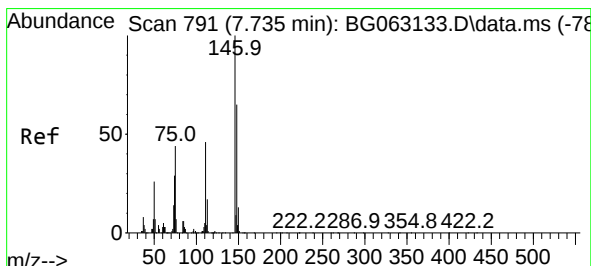
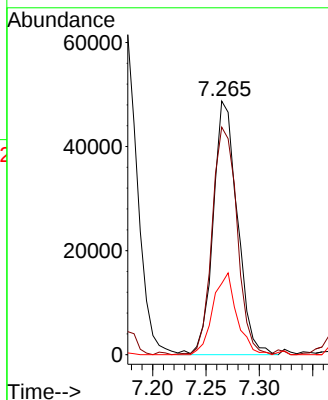
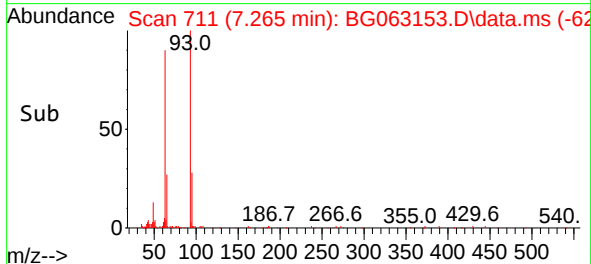


Tgt Ion: 93 Resp: 7672
Ion Ratio Lower Upper
93 100
63 89.7 77.5 117.5
95 28.1 16.5 56.5

Manual Integrations
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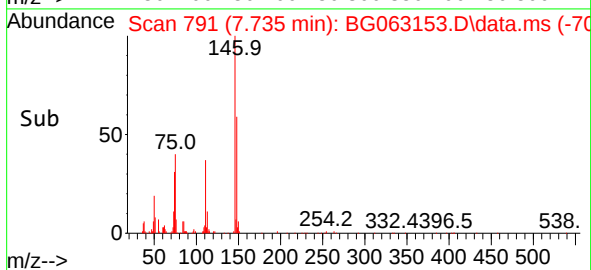
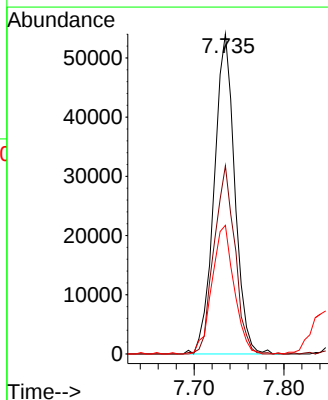
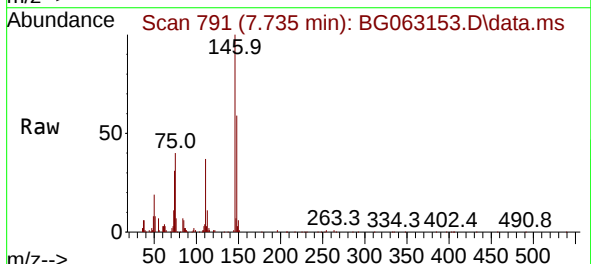
Reviewed By :Jagrut
Upadhyay
11/05/2024

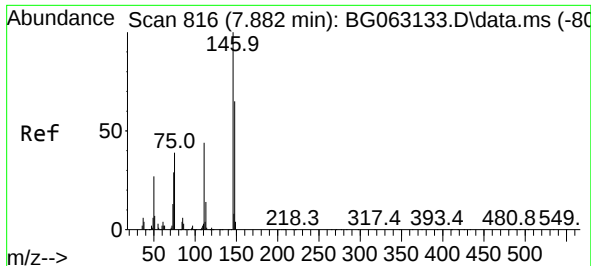
Supervised By :mohammad
ahmed
11/06/2024



#12
1,3-Dichlorobenzene
Concen: 10.732 ng
RT: 7.735 min Scan# 791
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

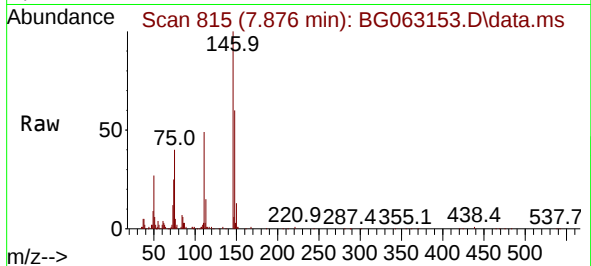
Tgt Ion:146 Resp: 85969
Ion Ratio Lower Upper
146 100
148 58.8 51.7 77.5
75 40.2 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 10.775 ng
RT: 7.876 min Scan# 816
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

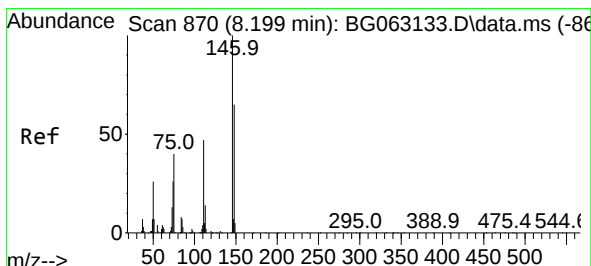
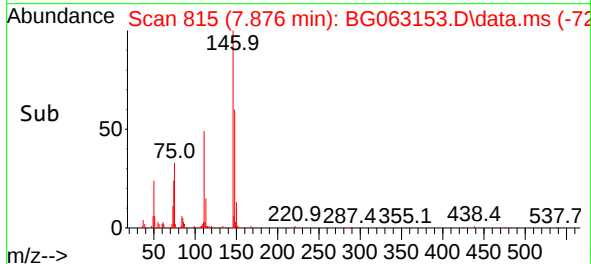
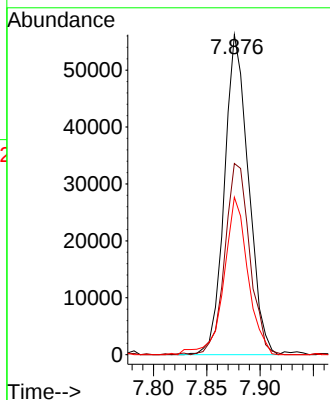


Tgt Ion:146 Resp: 87989
Ion Ratio Lower Upper
146 100
148 59.8 52.3 78.5
111 49.2 35.8 53.6

Manual Integrations
APPROVED

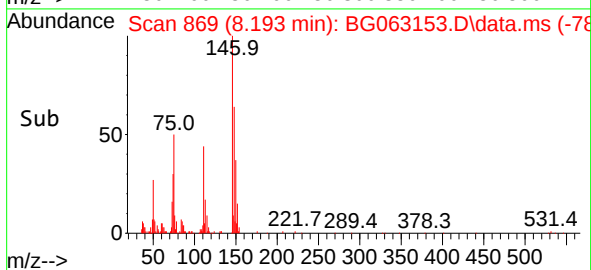
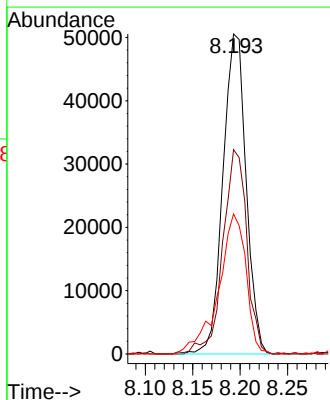
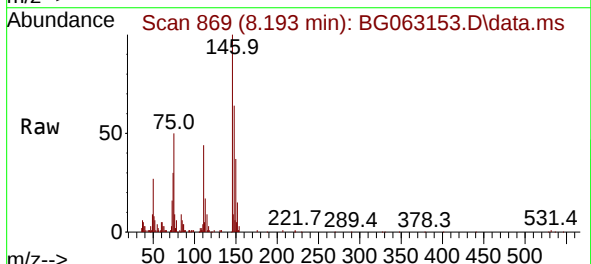
Reviewed By :Jagrut
Upadhyay
11/05/2024

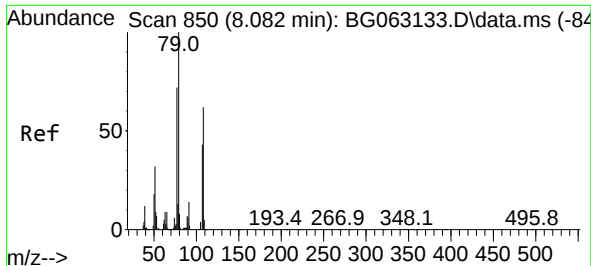
Supervised By :mohammad
ahmed
11/06/2024



#14
1,2-Dichlorobenzene
Concen: 10.920 ng
RT: 8.193 min Scan# 869
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

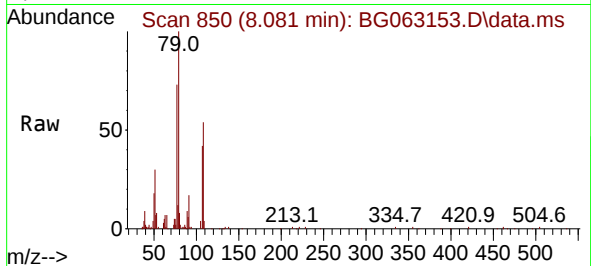
Tgt Ion:146 Resp: 85959
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
111 43.7 38.5 57.7





#15
Benzyl Alcohol
Concen: 11.156 ng
RT: 8.081 min Scan# 850
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

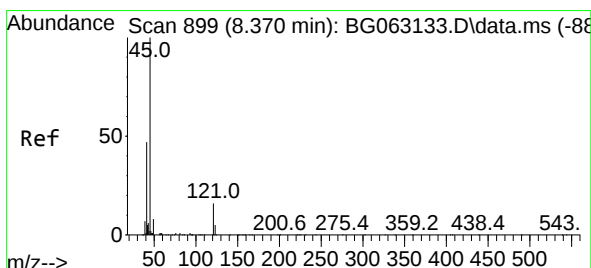
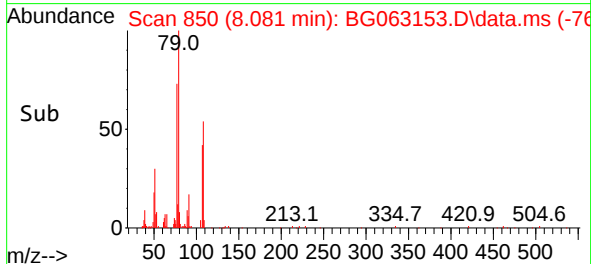
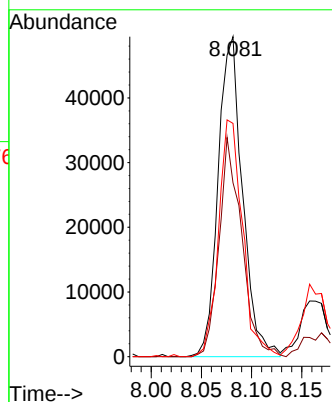


Tgt Ion: 79 Resp: 83510
Ion Ratio Lower Upper
79 100
108 54.4 49.5 74.3
77 72.9 57.6 86.4

Manual Integrations
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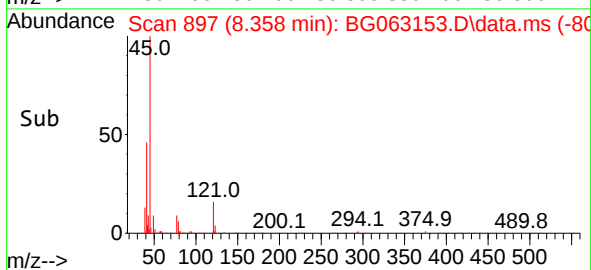
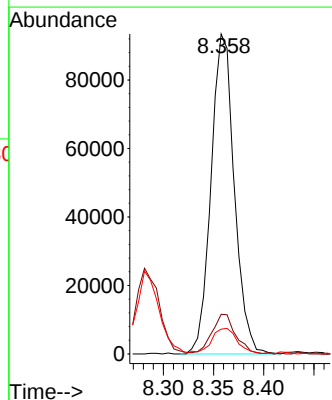
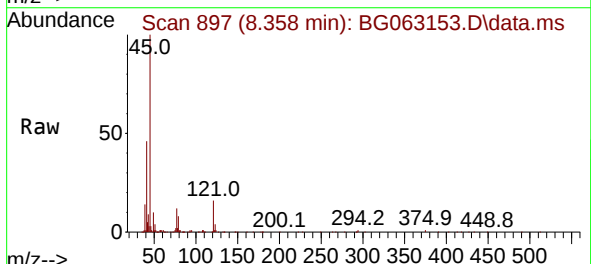
Reviewed By :Jagrut
Upadhyay
11/05/2024

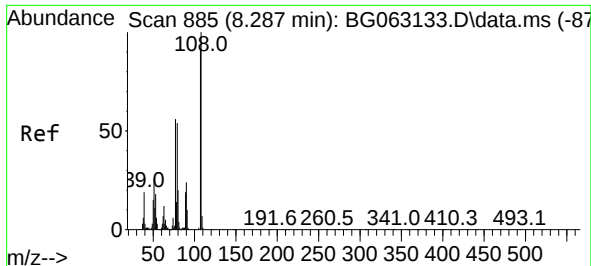
Supervised By :mohammad
ahmed
11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.300 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

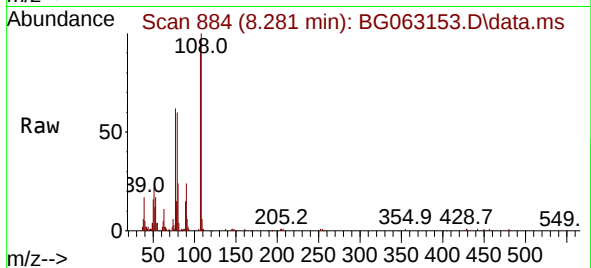
Tgt Ion: 45 Resp: 150185
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.4
79 7.7 0.0 29.7





#17
2-Methylphenol
Concen: 10.518 ng
RT: 8.281 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

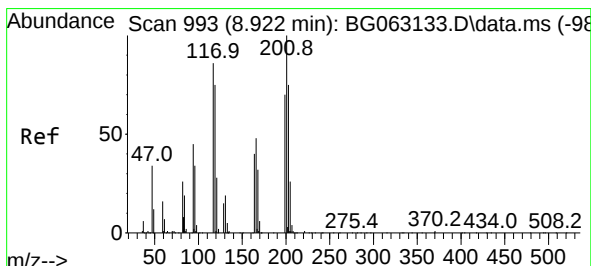
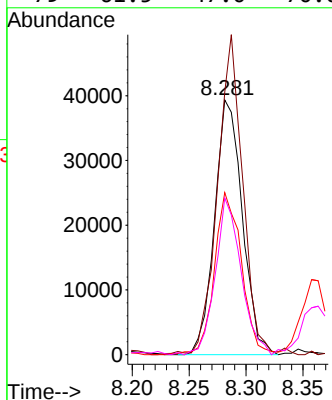


Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.1	87.1	130.7
77	63.7	48.9	73.3
79	61.5	47.0	70.6

Manual Integrations
APPROVED

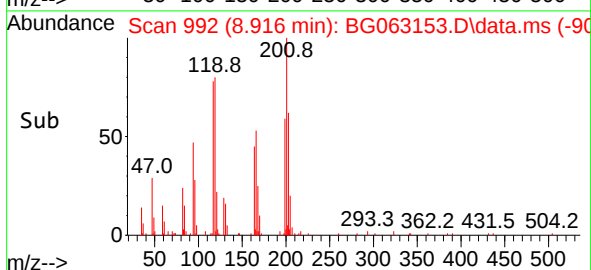
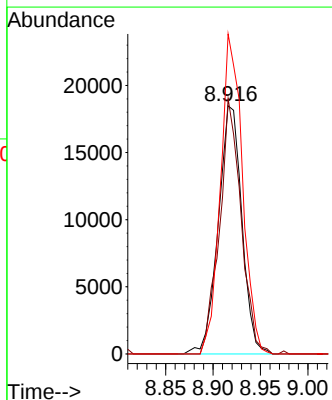
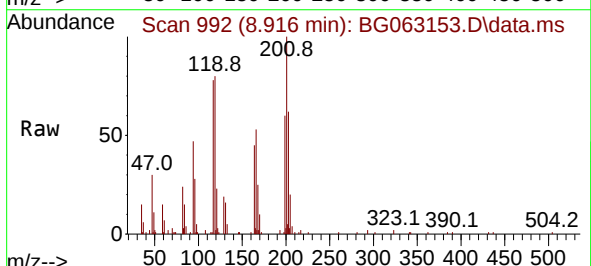
Reviewed By :Jagrut
Upadhyay
11/05/2024

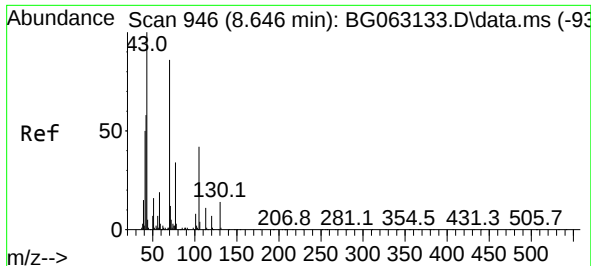
Supervised By :mohammad
ahmed
11/06/2024



#18
Hexachloroethane
Concen: 10.907 ng
RT: 8.916 min Scan# 992
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

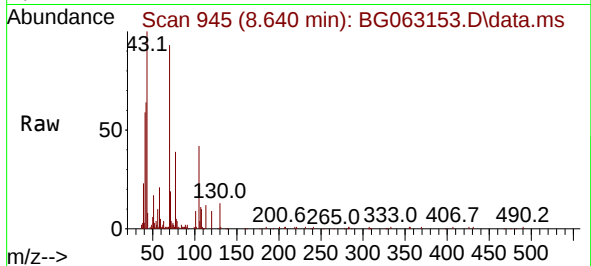
Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.9	69.7	104.5
201	128.9	92.6	138.8





#19
n-Nitroso-di-n-propylamine
Concen: 11.233 ng
RT: 8.640 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

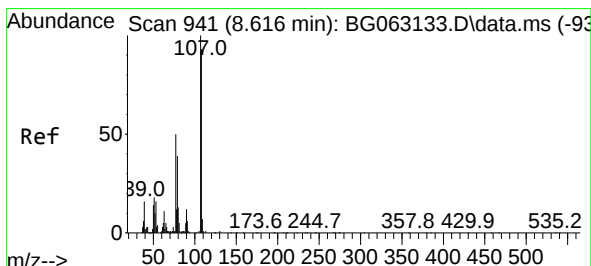
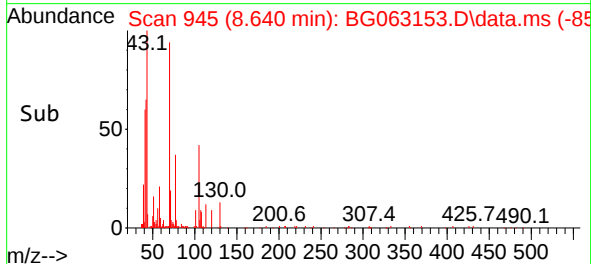
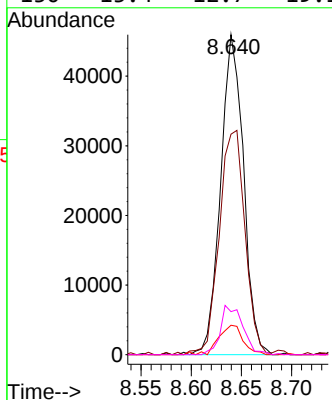


Tgt Ion: 70 Resp: 7288
Ion Ratio Lower Upper
70 100
42 68.9 54.2 81.2
101 9.2 7.7 11.5
130 13.4 12.7 19.1

Manual Integrations
APPROVED

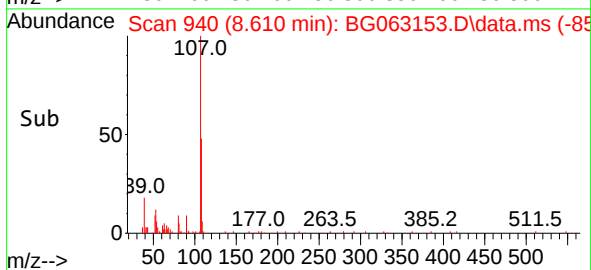
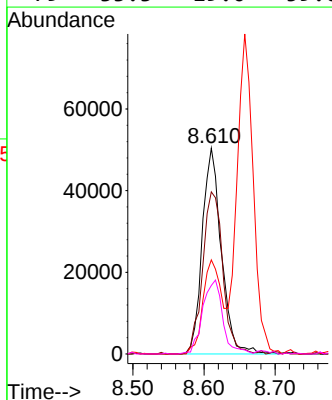
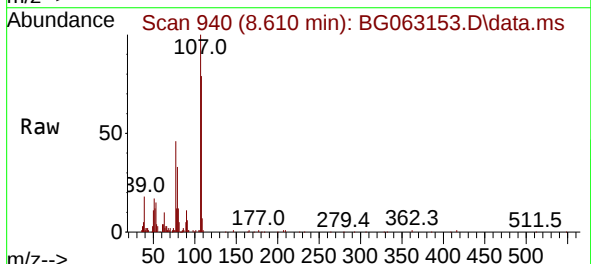
Reviewed By :Jagrut
Upadhyay
11/05/2024

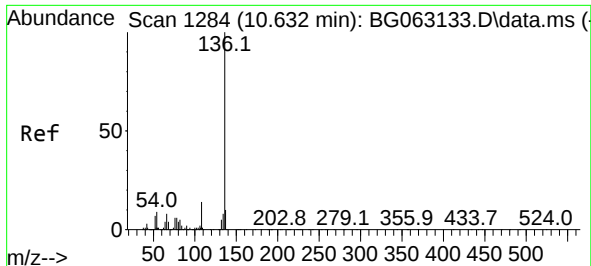
Supervised By :mohammad
ahmed
11/06/2024



#20
3+4-Methylphenols
Concen: 11.136 ng
RT: 8.610 min Scan# 940
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

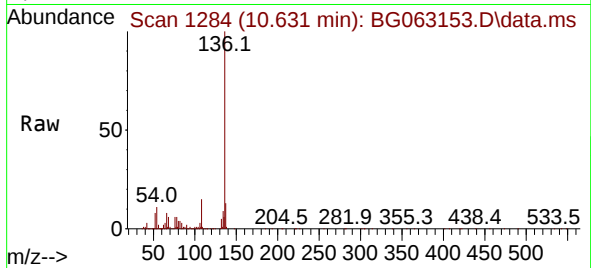
Tgt Ion:107 Resp: 94297
Ion Ratio Lower Upper
107 100
108 78.8 73.1 113.1
77 45.7 30.2 70.2
79 33.3 19.0 59.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

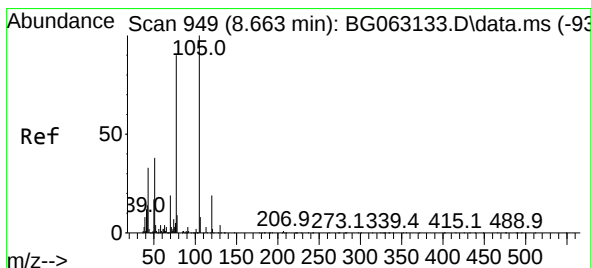
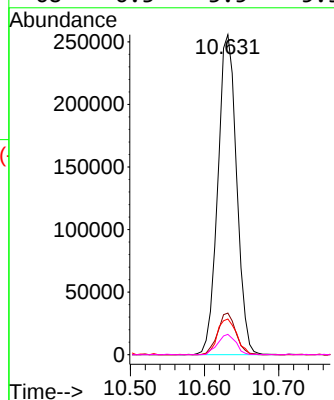


Tgt Ion:136 Resp: 449970
Ion Ratio Lower Upper
136 100
137 13.0 7.8 11.6
54 11.1 7.3 10.9
68 6.3 3.5 5.3

Manual Integrations
APPROVED

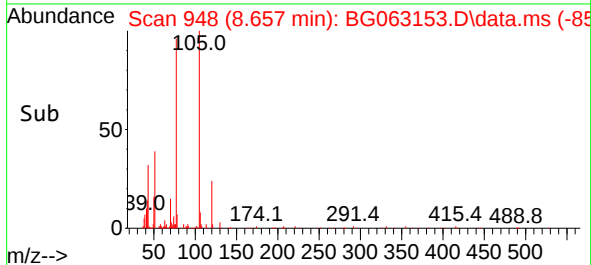
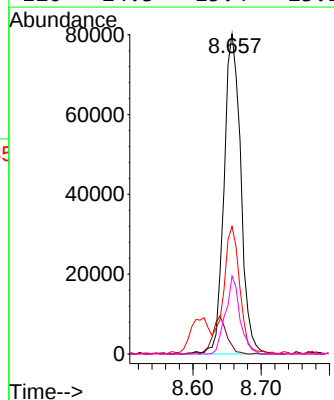
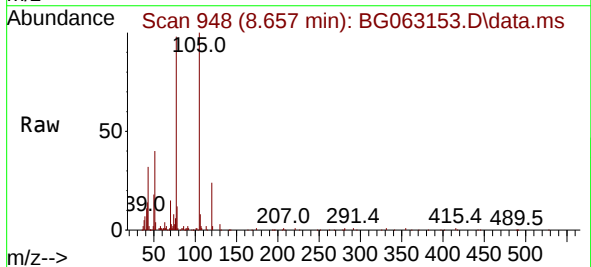
Reviewed By :Jagrut
Upadhyay
11/05/2024

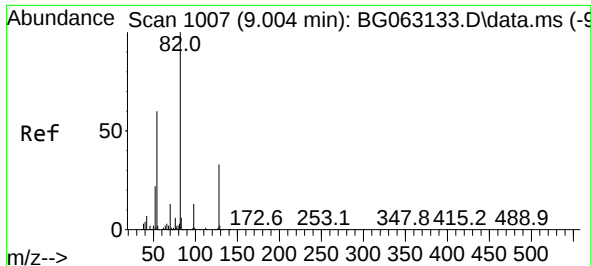
Supervised By :mohammad
ahmed
11/06/2024



#22
Acetophenone
Concen: 11.365 ng
RT: 8.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:105 Resp: 137031
Ion Ratio Lower Upper
105 100
71 2.7 2.3 3.5
51 39.9 30.5 45.7
120 24.3 15.4 23.2





#23
Nitrobenzene-d5
Concen: 80.182 ng
RT: 8.998 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

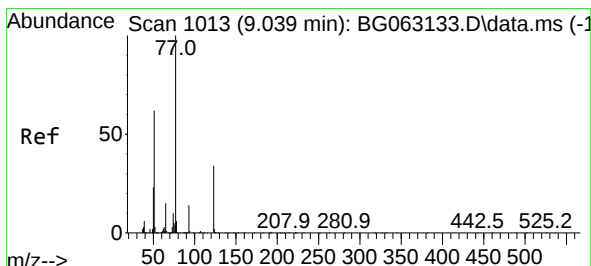
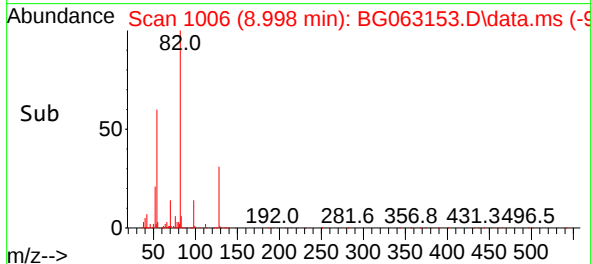
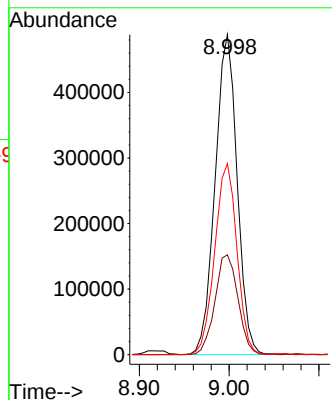
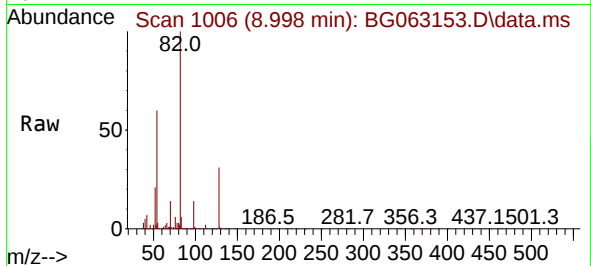
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 82 Resp: 82956
Ion Ratio Lower Upper
82 100
128 31.2 26.6 39.8
54 59.7 47.8 71.8

Manual Integrations
APPROVED

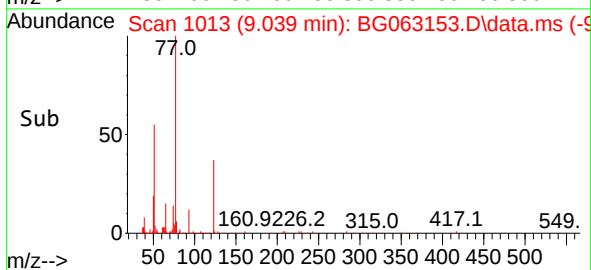
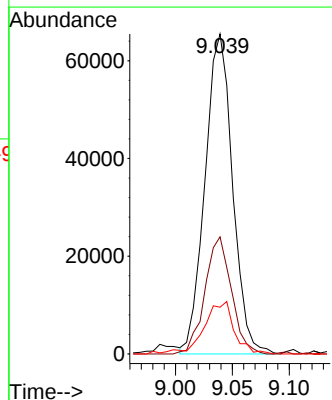
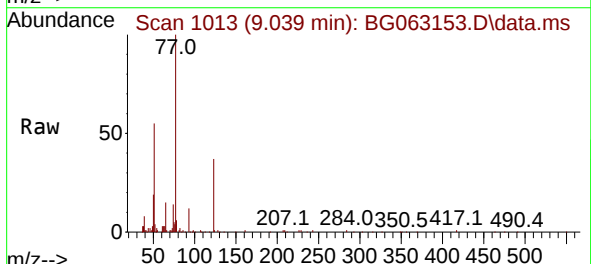
Reviewed By :Jagrut
Upadhyay
11/05/2024

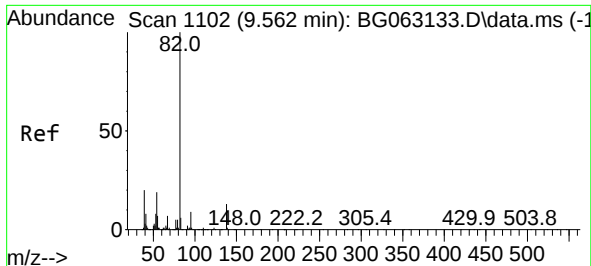
Supervised By :mohammad
ahmed
11/06/2024



#24
Nitrobenzene
Concen: 9.890 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

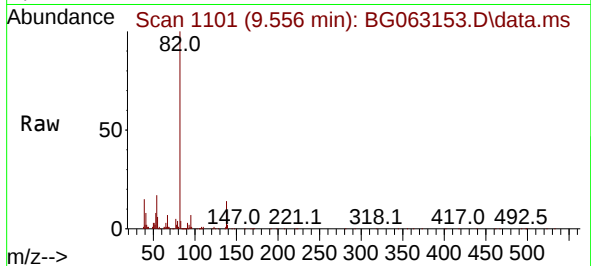
Tgt Ion: 77 Resp: 110644
Ion Ratio Lower Upper
77 100
123 36.6 26.9 40.3
65 14.6 12.3 18.5





#25
Isophorone
Concen: 11.177 ng
RT: 9.556 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

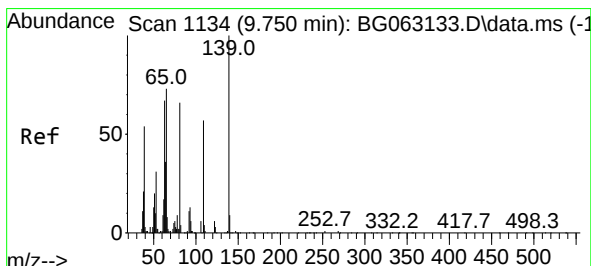
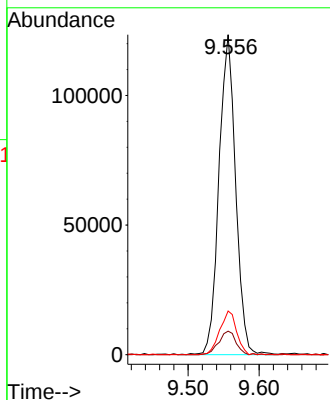


Tgt Ion: 82 Resp: 200030
Ion Ratio Lower Upper
82 100
95 7.4 7.4 11.0
138 13.7 10.3 15.5

Manual Integrations
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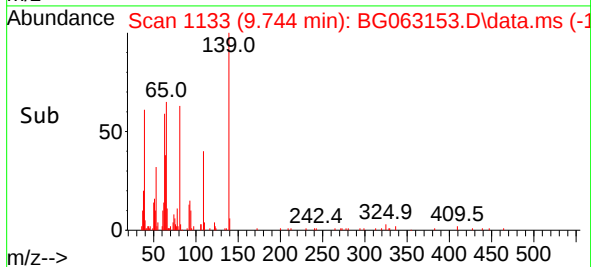
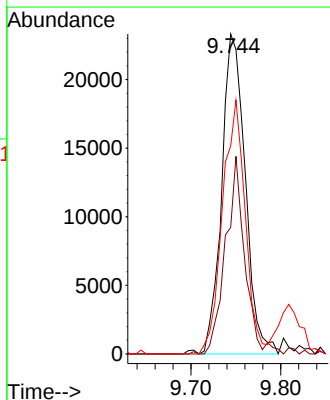
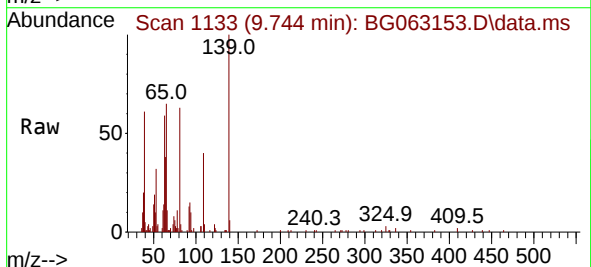
Reviewed By :Jagrut
Upadhyay
11/05/2024

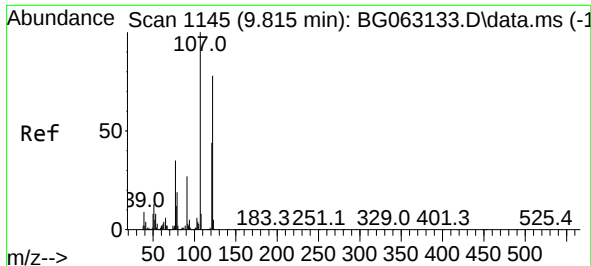
Supervised By :mohammad
ahmed
11/06/2024



#26
2-Nitrophenol
Concen: 10.343 ng
RT: 9.744 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:139 Resp: 42554
Ion Ratio Lower Upper
139 100
109 39.5 45.4 68.0#
65 64.9 58.4 87.6





#27

2,4-Dimethylphenol

Concen: 8.336 ng

RT: 9.809 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BG063153.D

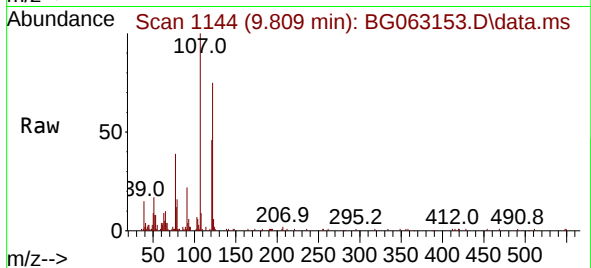
Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.0	101.8	152.6
121	61.7	45.2	67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

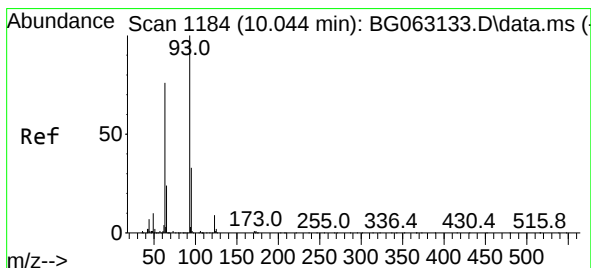
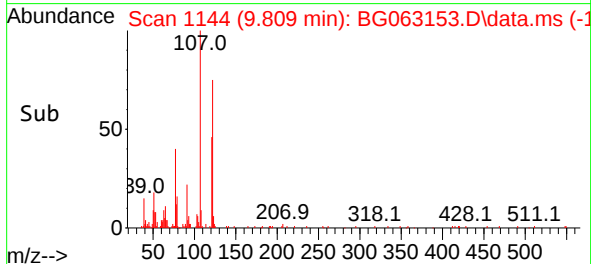
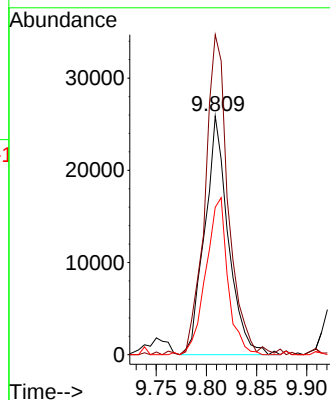
Upadhyay

11/05/2024

Supervised By :mohammad

ahmed

11/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 11.367 ng

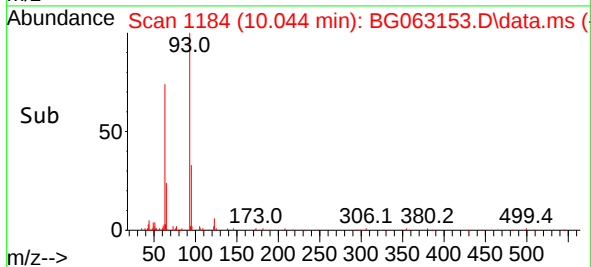
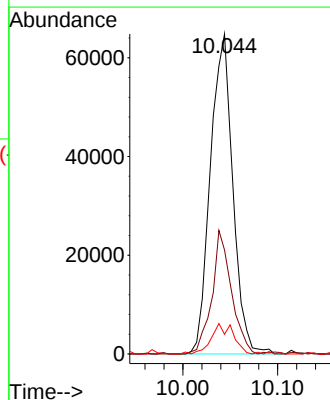
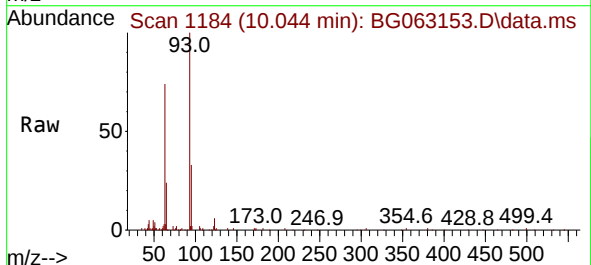
RT: 10.044 min Scan# 1184

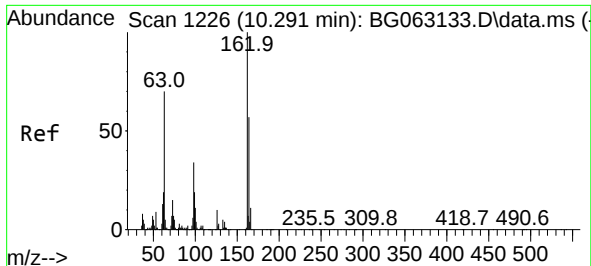
Delta R.T. -0.000 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

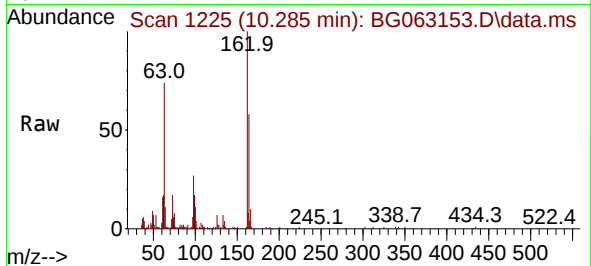
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	6.1	7.6	11.4





#29
2,4-Dichlorophenol
Concen: 10.724 ng
RT: 10.285 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

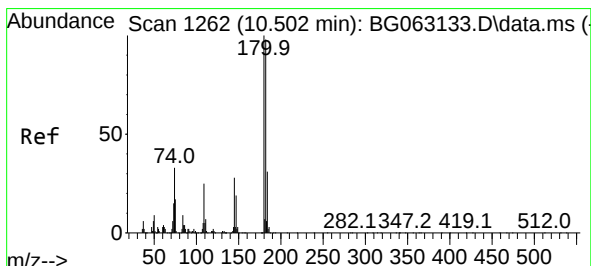
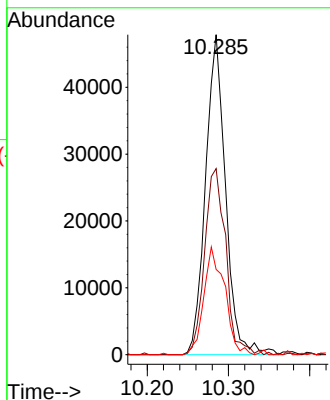
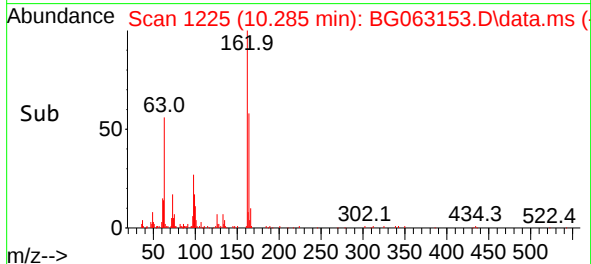


Tgt Ion:162 Resp: 81925
Ion Ratio Lower Upper
162 100
164 58.2 37.2 77.2
98 26.7 14.0 54.0

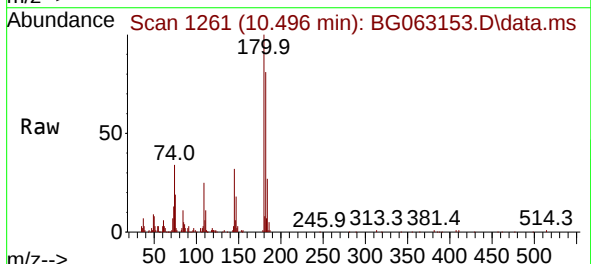
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/05/2024

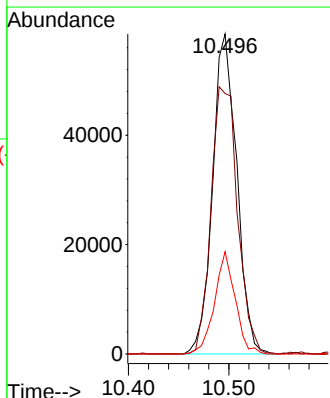
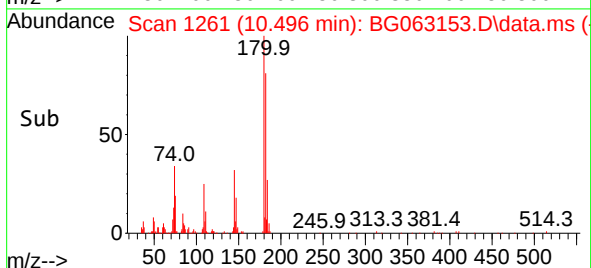
Supervised By :mohammad
ahmed
11/06/2024

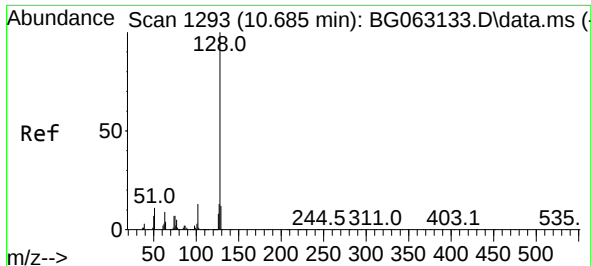


#30
1,2,4-Trichlorobenzene
Concen: 10.401 ng
RT: 10.496 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43



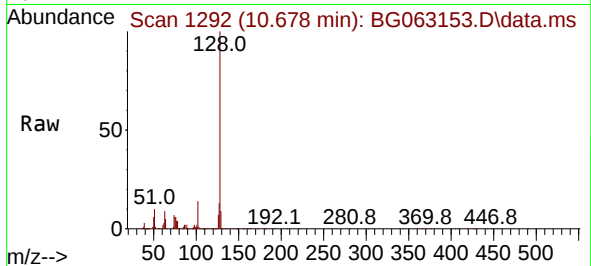
Tgt Ion:180 Resp: 97737
Ion Ratio Lower Upper
180 100
182 81.4 78.5 117.7
145 32.0 22.6 34.0





#31
Naphthalene
Concen: 10.982 ng
RT: 10.678 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

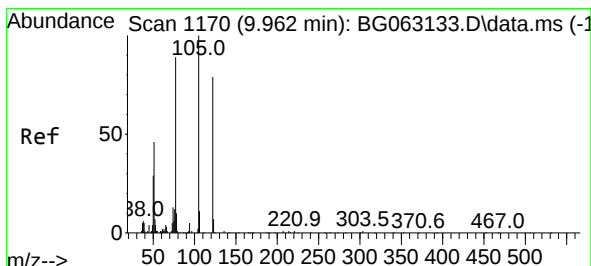
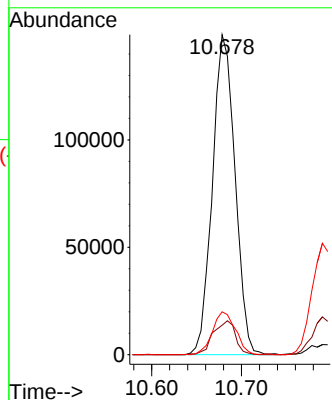


Tgt Ion:128 Resp: 260679
Ion Ratio Lower Upper
128 100
129 9.2 9.5 14.3#
127 13.4 10.7 16.1#

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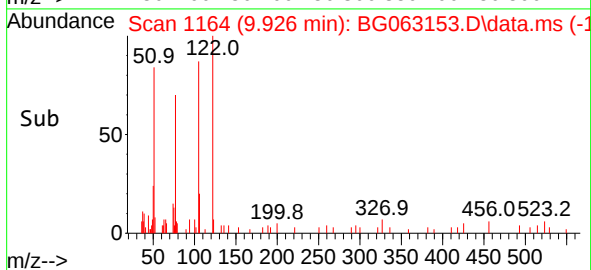
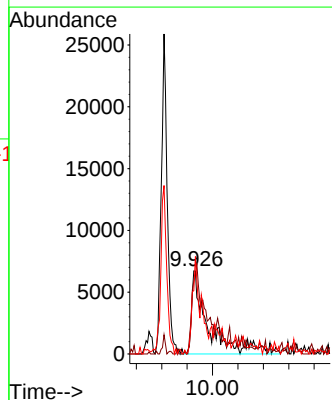
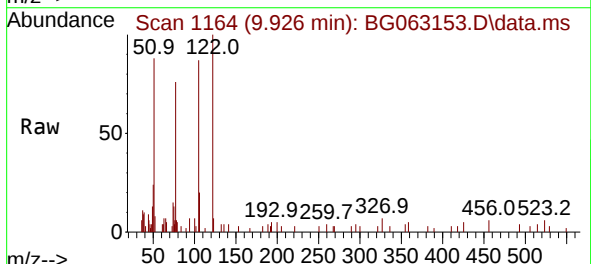
Reviewed By :Jagrut
Upadhyay
11/05/2024

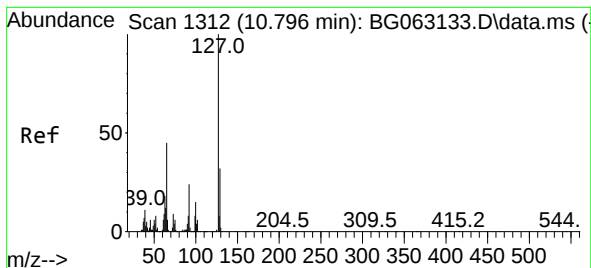
Supervised By :mohammad
ahmed
11/06/2024



#32
Benzoic acid
Concen: 7.124 ng m
RT: 9.926 min Scan# 1164
Delta R.T. -0.036 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

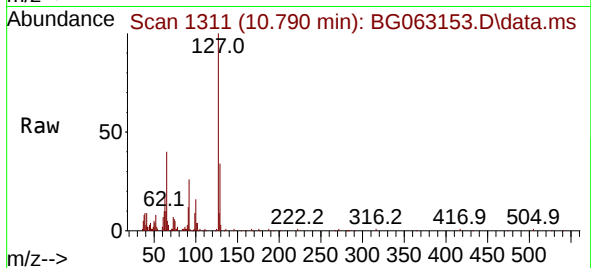
Tgt Ion:122 Resp: 31401
Ion Ratio Lower Upper
122 100
105 87.3 105.2 145.2#
77 76.3 93.0 133.0#





#33
4-Chloroaniline
Concen: 11.651 ng
RT: 10.790 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

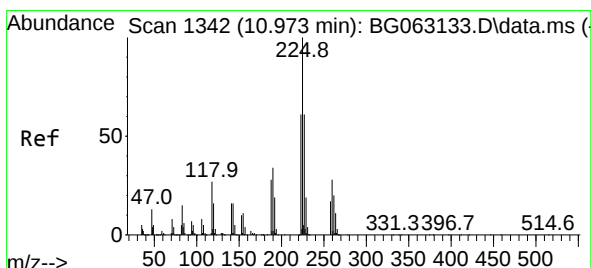
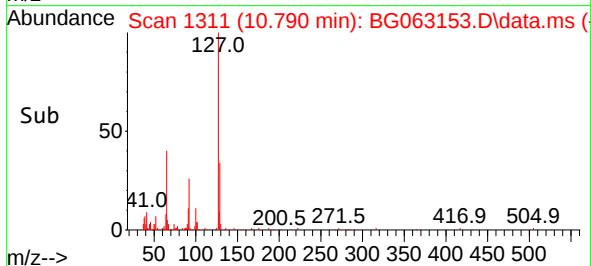
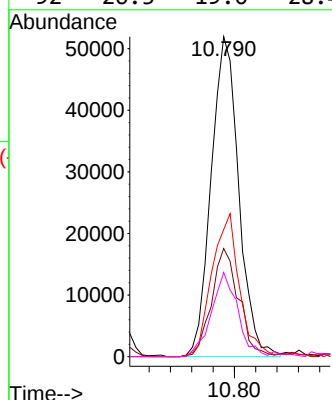


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.6	38.4
65	39.7	36.4	54.6
92	26.3	19.0	28.4

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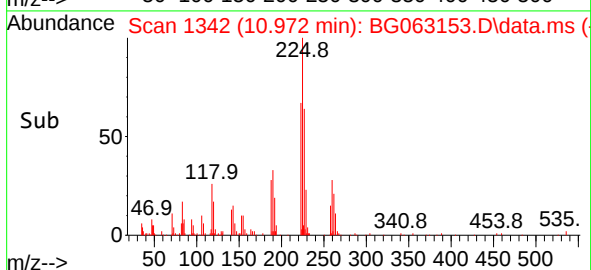
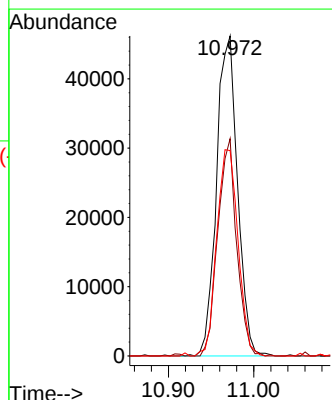
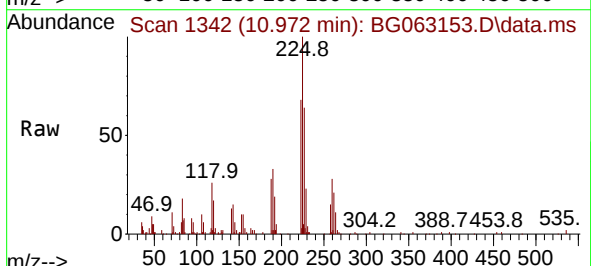
Reviewed By :Jagrut
Upadhyay
11/05/2024

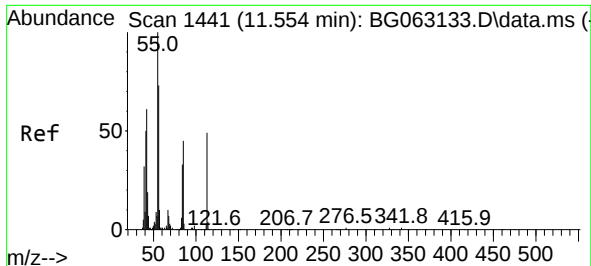
Supervised By :mohammad
ahmed
11/06/2024



#34
Hexachlorobutadiene
Concen: 10.222 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

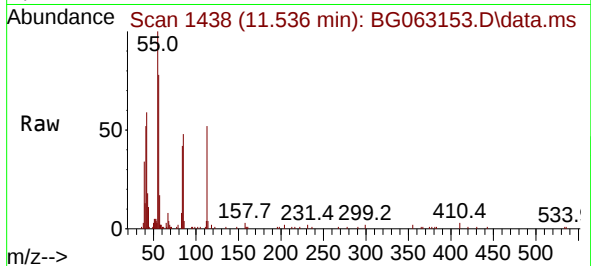
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.9	46.2	69.4
227	64.2	46.2	69.4





#35
Caprolactam
Concen: 10.936 ng
RT: 11.536 min Scan# 1441
Delta R.T. -0.018 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

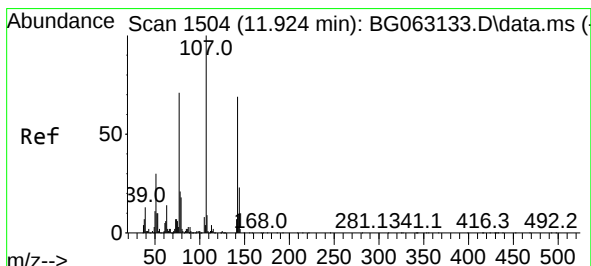
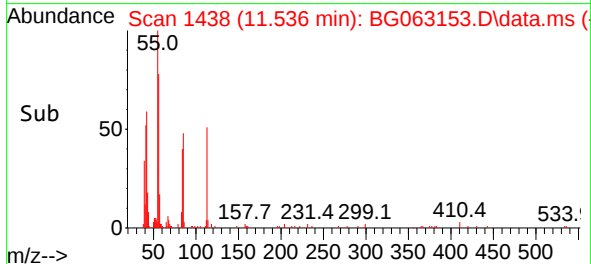
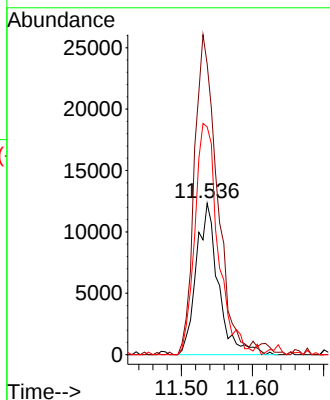


Tgt Ion:113 Resp: 2668
Ion Ratio Lower Upper
113 100
55 192.0 187.0 227.0
56 150.5 130.9 170.9

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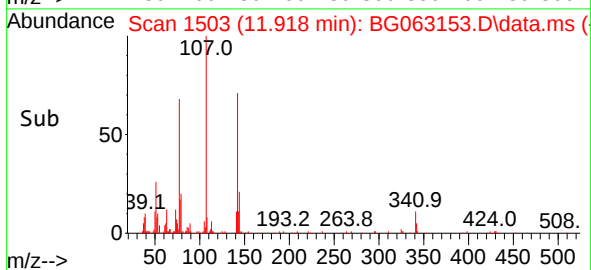
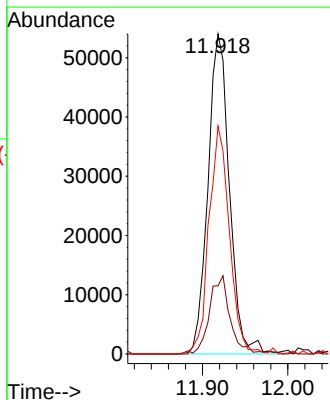
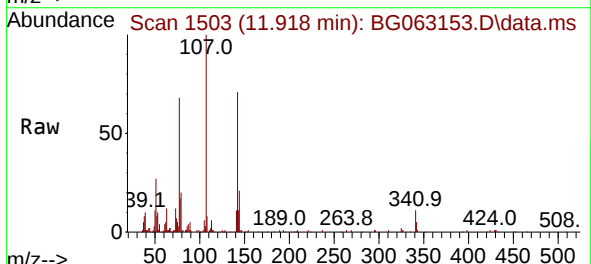
Reviewed By :Jagrut
Upadhyay
11/05/2024

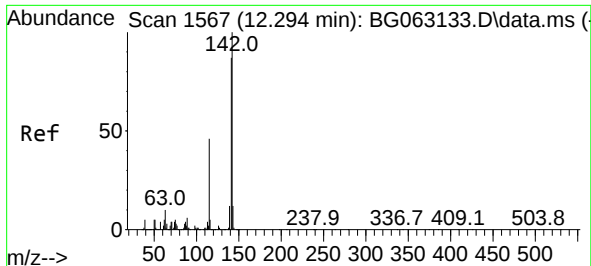
Supervised By :mohammad
ahmed
11/06/2024



#36
4-Chloro-3-methylphenol
Concen: 10.754 ng
RT: 11.918 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

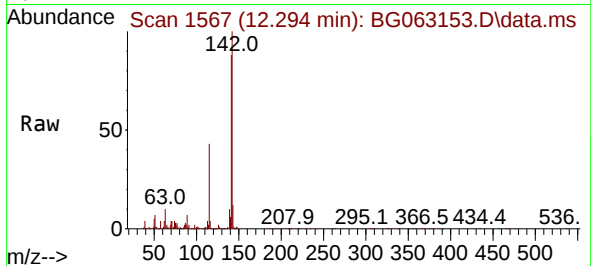
Tgt Ion:107 Resp: 94653
Ion Ratio Lower Upper
107 100
144 21.3 18.5 27.7
142 71.2 55.0 82.4





#37
2-Methylnaphthalene
Concen: 10.548 ng
RT: 12.294 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

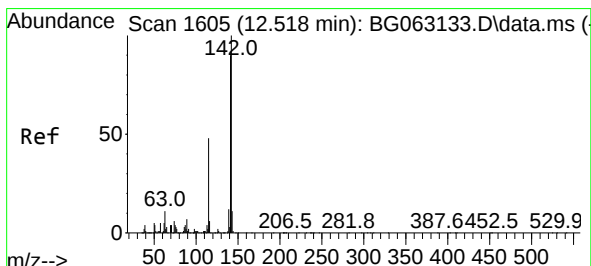
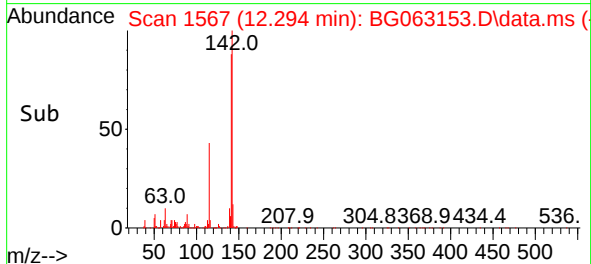
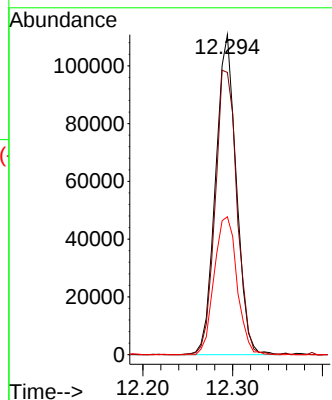


Tgt Ion:142 Resp: 17761
Ion Ratio Lower Upper
142 100
141 88.2 69.2 103.8
115 43.1 36.6 54.8

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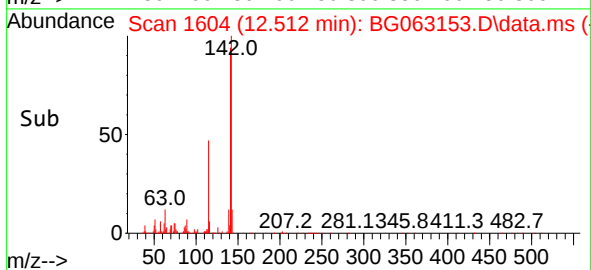
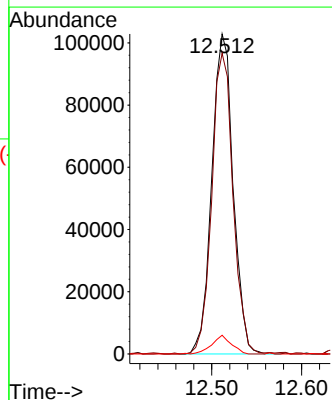
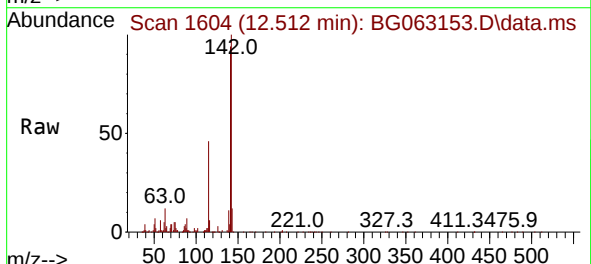
Reviewed By :Jagrut
Upadhyay
11/05/2024

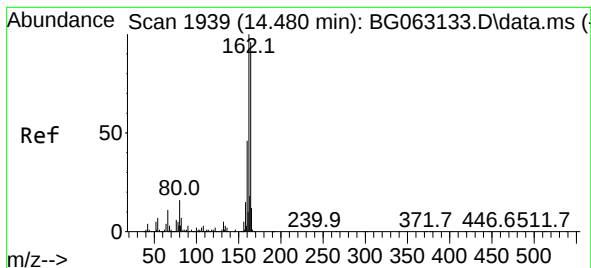
Supervised By :mohammad
ahmed
11/06/2024



#38
1-Methylnaphthalene
Concen: 10.238 ng
RT: 12.512 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

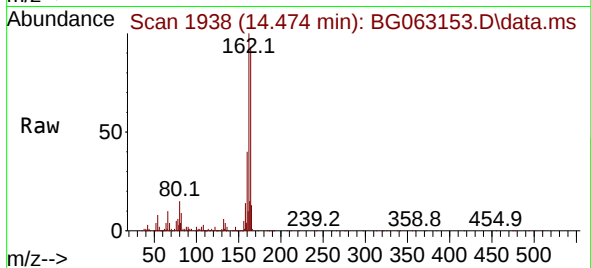
Tgt Ion:142 Resp: 169682
Ion Ratio Lower Upper
142 100
141 93.9 72.2 108.4
116 5.9 4.5 6.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

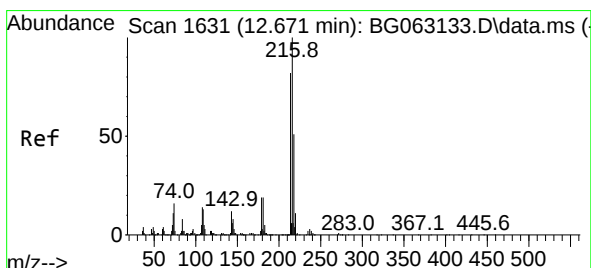
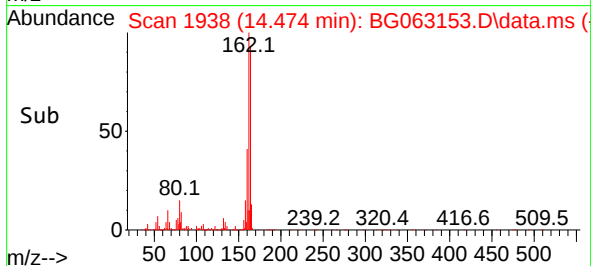
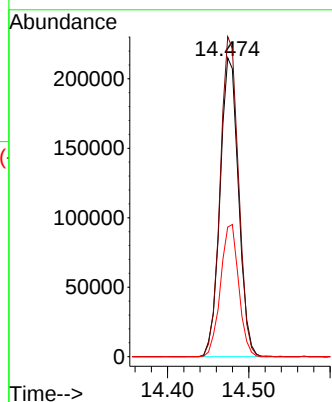


Tgt Ion:164 Resp: 339550
Ion Ratio Lower Upper
164 100
162 107.0 83.4 125.0
160 43.3 38.0 57.0

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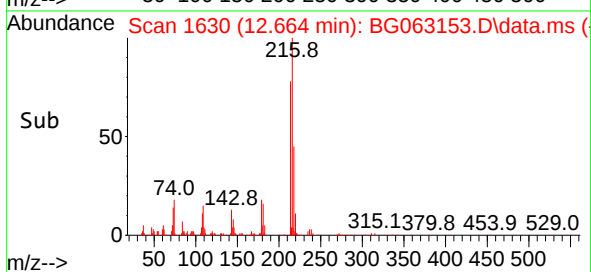
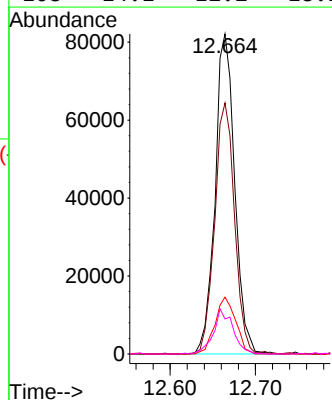
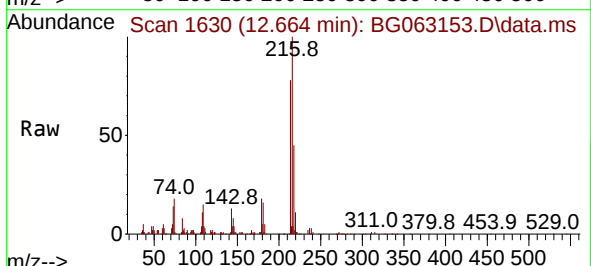
Reviewed By :Jagrut
Upadhyay
11/05/2024

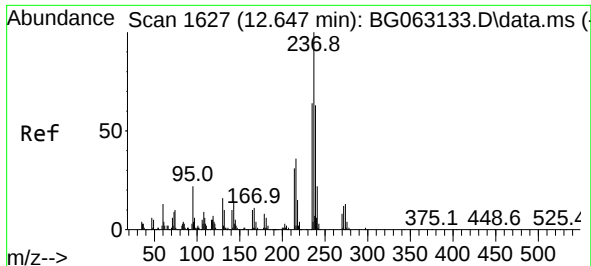
Supervised By :mohammad
ahmed
11/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.778 ng
RT: 12.664 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

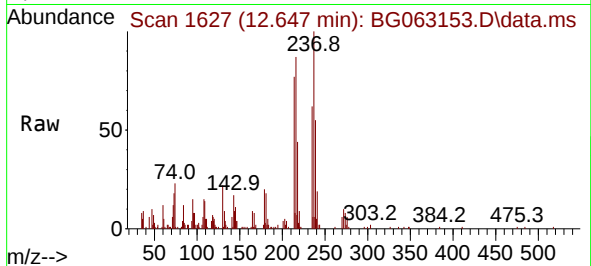
Tgt Ion:216 Resp: 131512
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 18.7 15.7 23.5
108 14.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 8.386 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

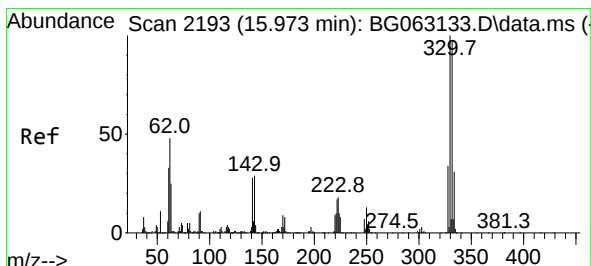
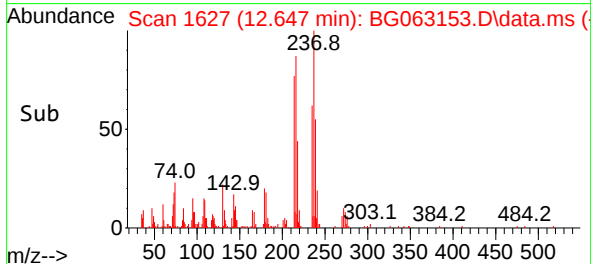
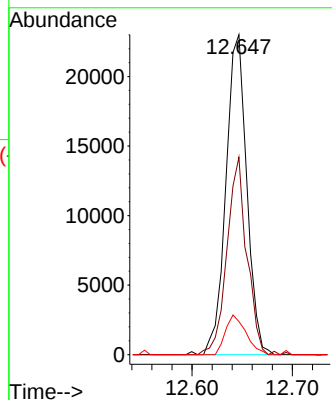


Tgt Ion: 237 Resp: 3324
Ion Ratio Lower Upper
237 100
235 61.7 43.8 83.8
272 10.3 0.0 32.4

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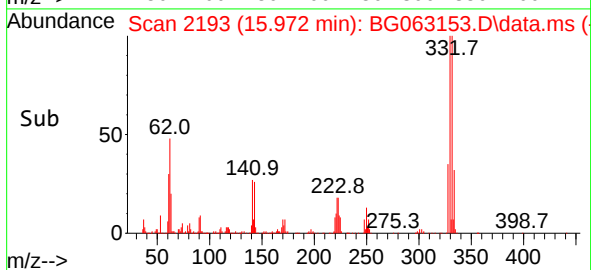
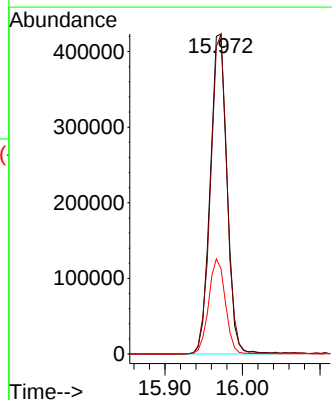
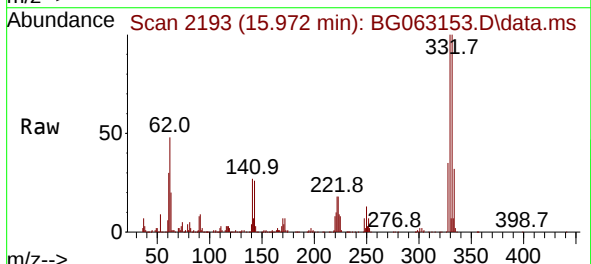
Reviewed By :Jagrut
Upadhyay
11/05/2024

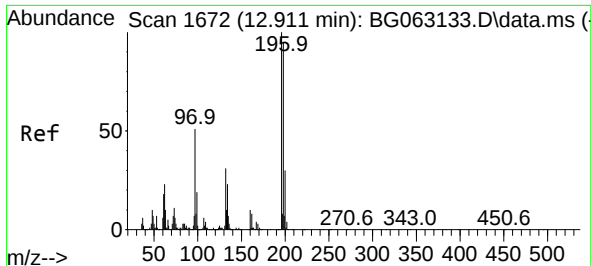
Supervised By :mohammad
ahmed
11/06/2024



#42
2,4,6-Tribromophenol
Concen: 110.278 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

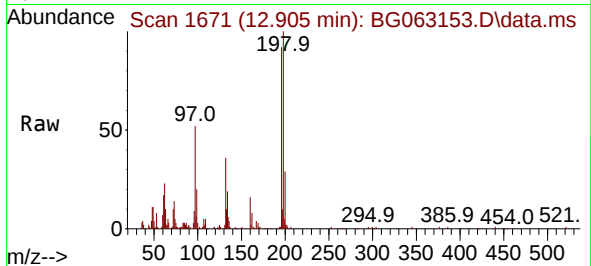
Tgt Ion: 330 Resp: 636066
Ion Ratio Lower Upper
330 100
332 98.4 78.6 117.8
141 29.5 22.6 34.0





#43
2,4,6-Trichlorophenol
Concen: 10.203 ng
RT: 12.905 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

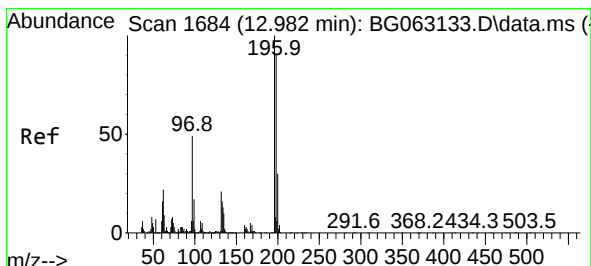
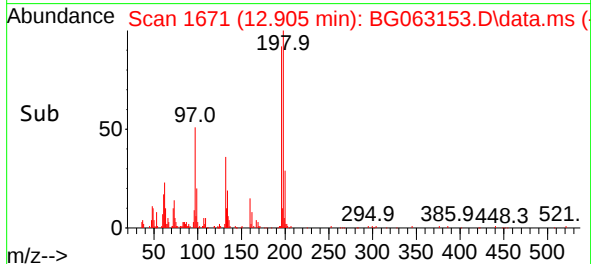
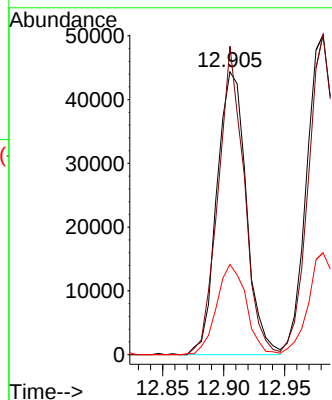


Tgt Ion:196 Resp: 7453
Ion Ratio Lower Upper
196 100
198 109.1 76.2 114.2
200 31.9 23.8 35.8

Manual Integrations
APPROVED

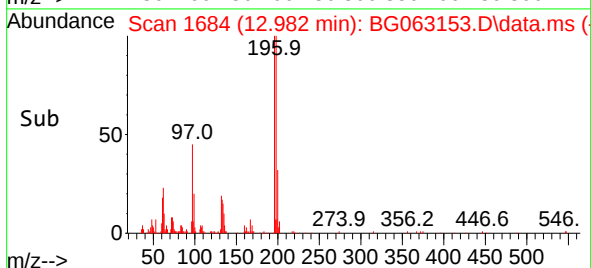
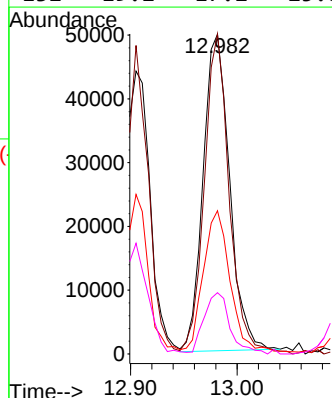
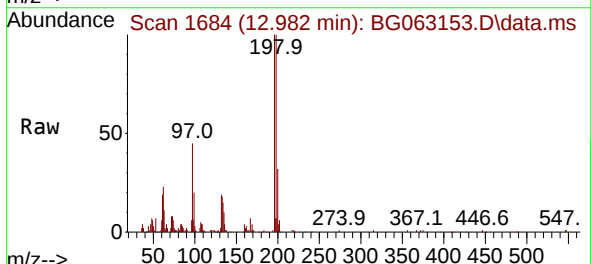
Reviewed By :Jagrut
Upadhyay
11/05/2024

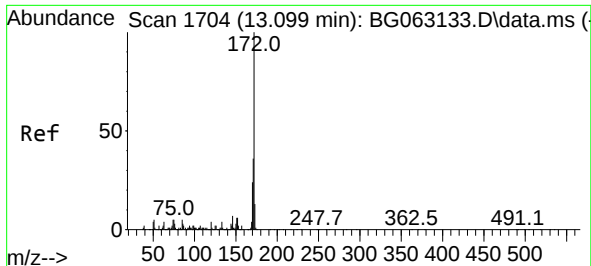
Supervised By :mohammad
ahmed
11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 10.696 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

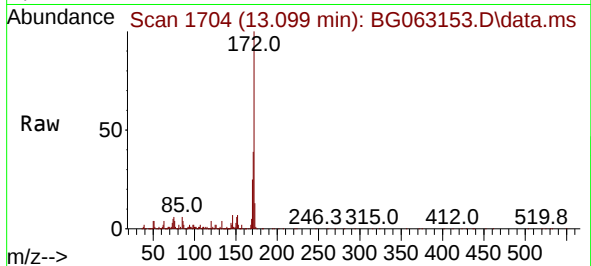
Tgt Ion:196 Resp: 85913
Ion Ratio Lower Upper
196 100
198 100.1 73.2 109.8
97 44.8 39.1 58.7
132 19.2 17.2 25.8





#45
2-Fluorobiphenyl
Concen: 80.116 ng
RT: 13.099 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

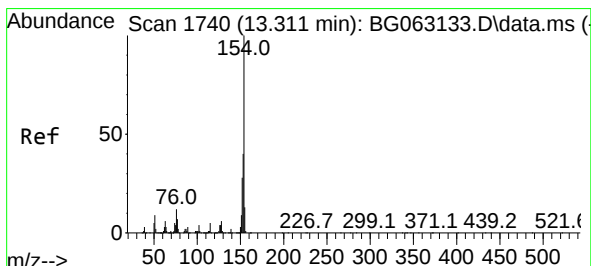
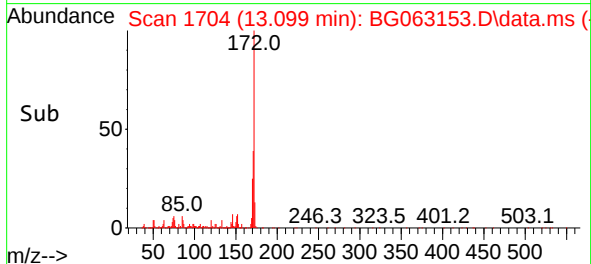
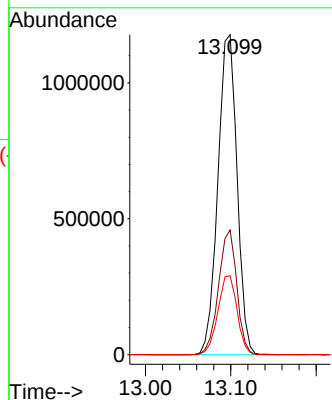


Tgt Ion:172 Resp: 1836710
Ion Ratio Lower Upper
172 100
171 38.9 28.6 42.8
170 24.7 19.4 29.2

Manual Integrations
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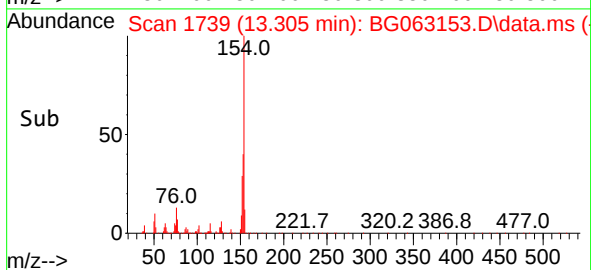
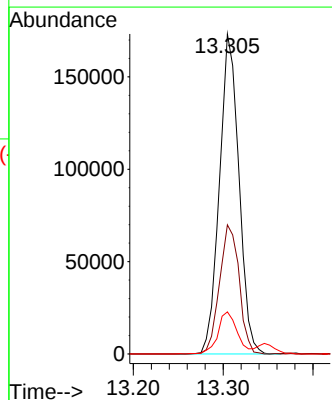
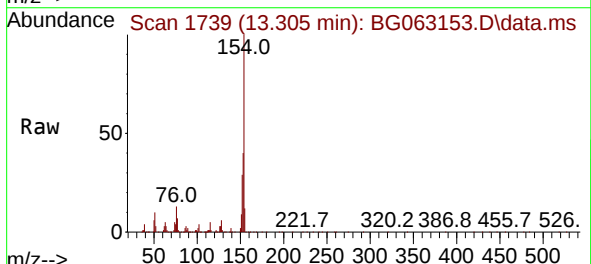
Reviewed By :Jagrut
Upadhyay
11/05/2024

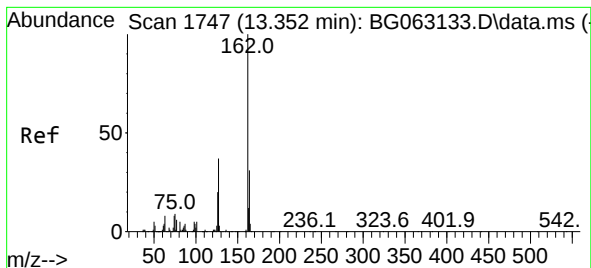
Supervised By :mohammad
ahmed
11/06/2024



#46
1,1'-Biphenyl
Concen: 11.317 ng
RT: 13.305 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

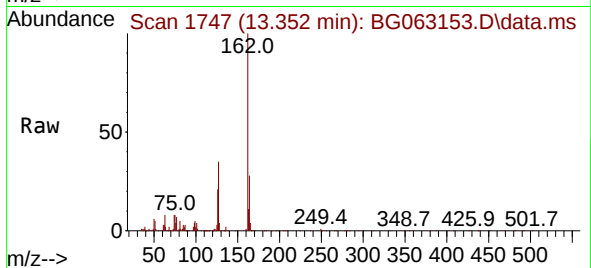
Tgt Ion:154 Resp: 260826
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.1 0.0 32.5





#47
2-Chloronaphthalene
Concen: 10.732 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

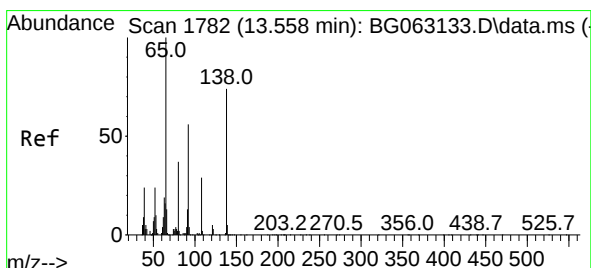
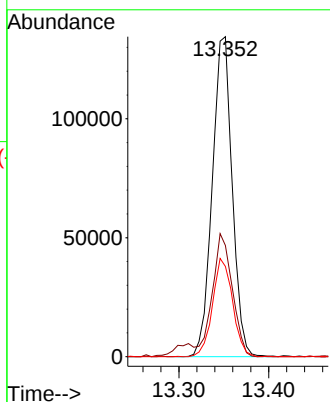
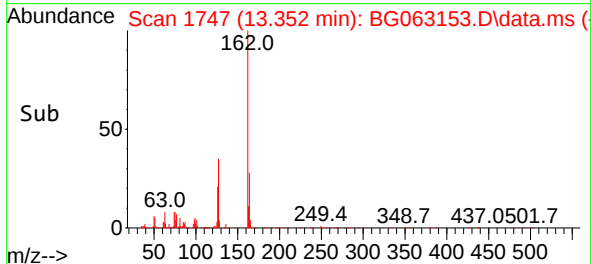


Tgt Ion:162 Resp: 207140
Ion Ratio Lower Upper
162 100
127 34.8 30.3 45.5
164 28.2 24.6 36.8

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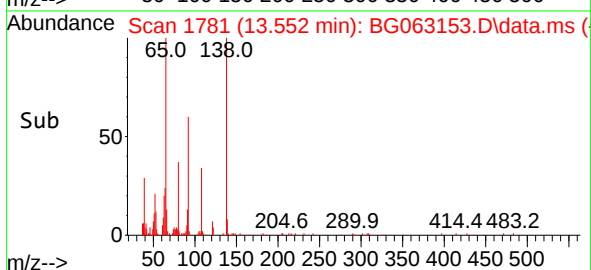
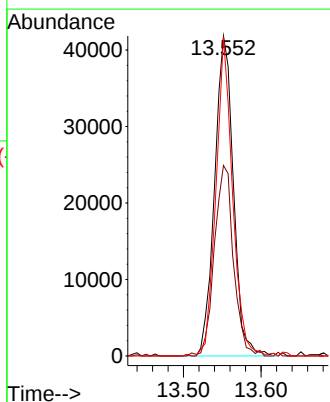
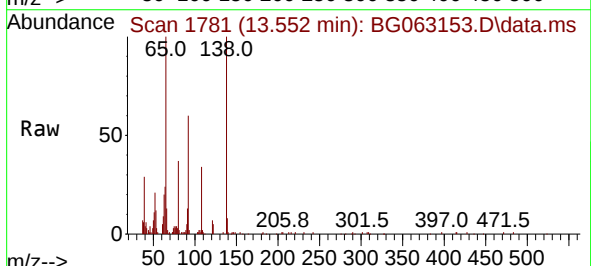
Reviewed By :Jagrut
Upadhyay
11/05/2024

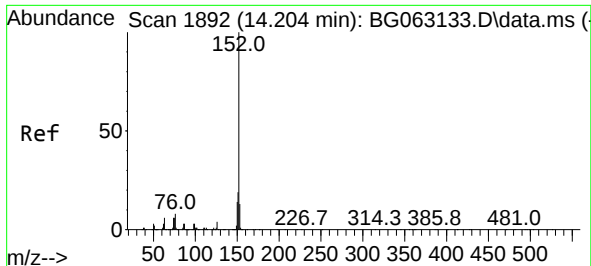
Supervised By :mohammad
ahmed
11/06/2024



#48
2-Nitroaniline
Concen: 10.418 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

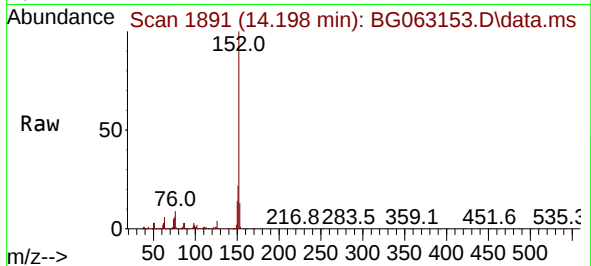
Tgt Ion: 65 Resp: 70577
Ion Ratio Lower Upper
65 100
92 59.5 44.6 66.8
138 99.8 59.0 88.4#





#49
Acenaphthylene
Concen: 11.843 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

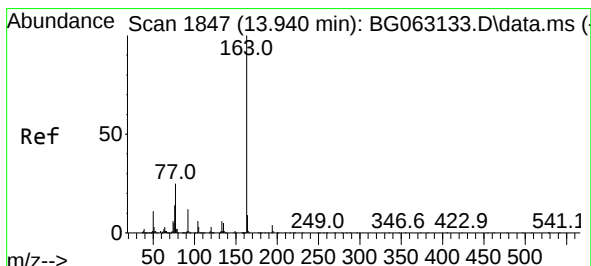
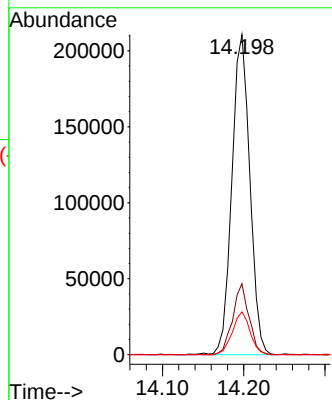


Tgt Ion:152 Resp: 32270
Ion Ratio Lower Upper
152 100
151 22.1 15.0 22.4
153 13.4 10.1 15.1

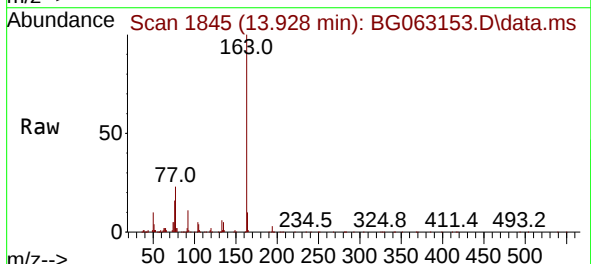
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/05/2024

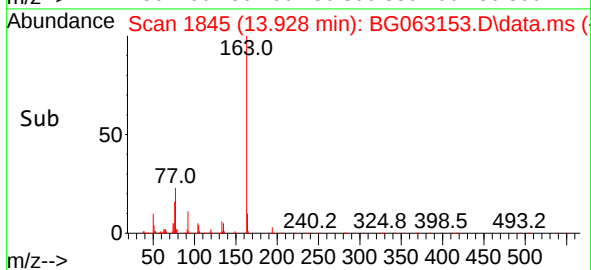
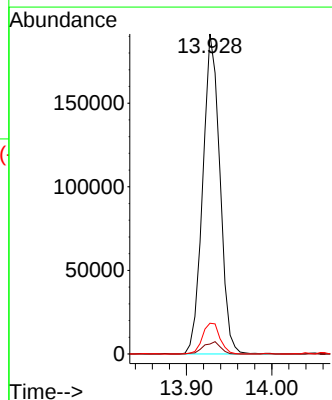
Supervised By :mohammad
ahmed
11/06/2024

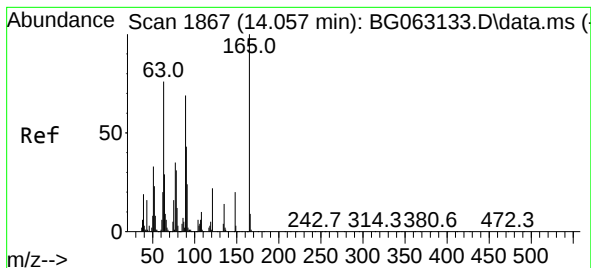


#50
Dimethylphthalate
Concen: 11.026 ng
RT: 13.928 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43



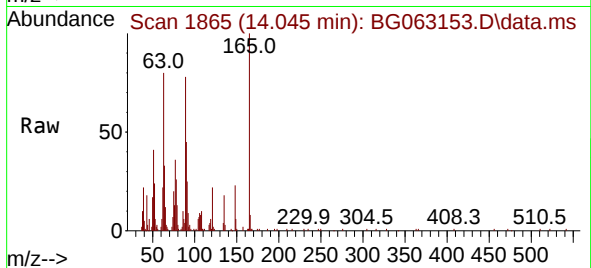
Tgt Ion:163 Resp: 266835
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.6 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 9.865 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

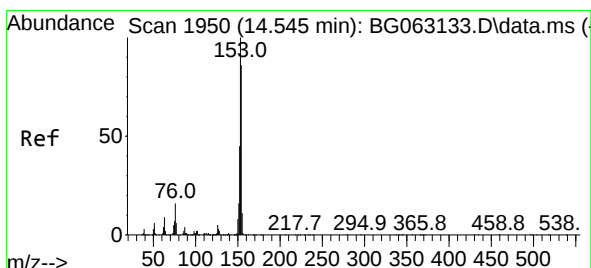
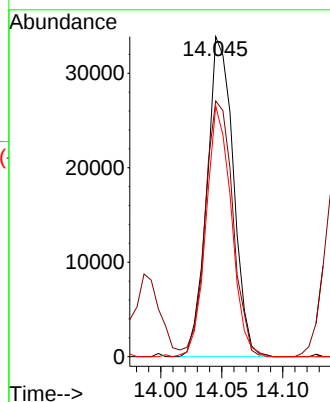
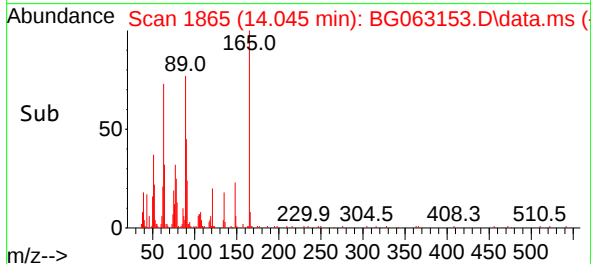


Tgt Ion:165 Resp: 50972
Ion Ratio Lower Upper
165 100
63 79.9 63.8 95.8
89 78.3 55.1 82.7

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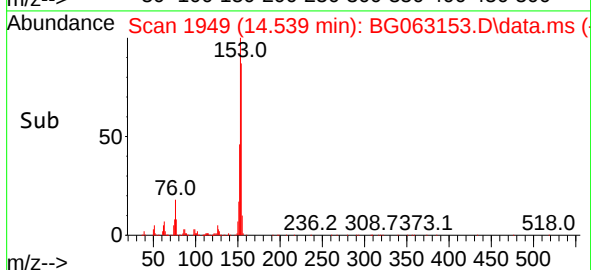
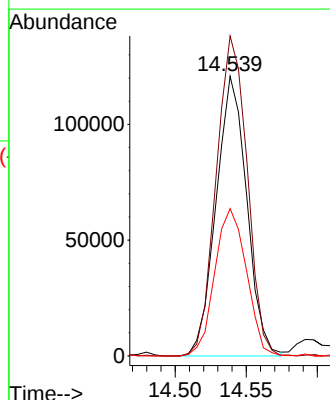
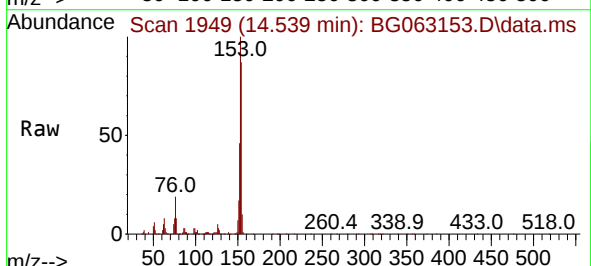
Reviewed By :Jagrut
Upadhyay
11/05/2024

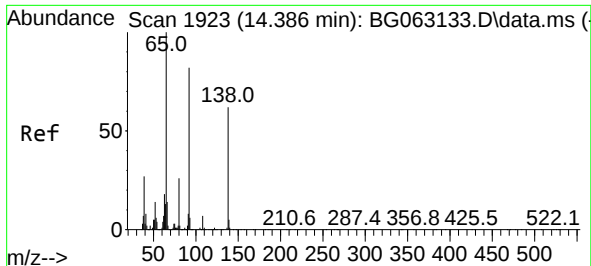
Supervised By :mohammad
ahmed
11/06/2024



#52
Acenaphthene
Concen: 10.740 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

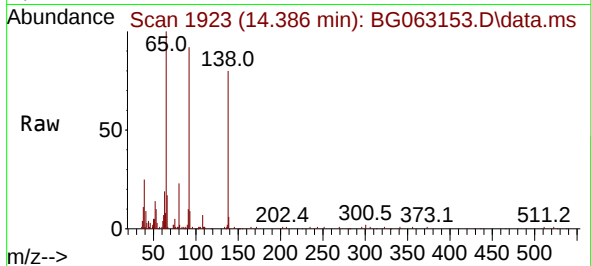
Tgt Ion:154 Resp: 181174
Ion Ratio Lower Upper
154 100
153 114.4 93.1 139.7
152 52.7 42.2 63.2





#53
3-Nitroaniline
Concen: 11.065 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

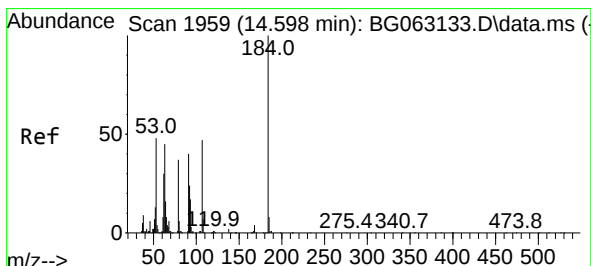
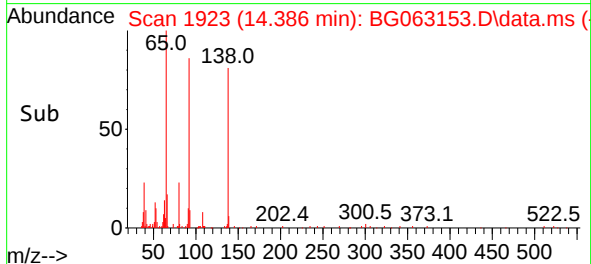
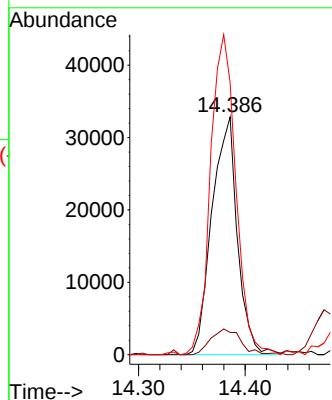


Tgt Ion:138 Resp: 5428
Ion Ratio Lower Upper
138 100
108 9.3 9.4 14.0#
92 114.4 106.2 159.2

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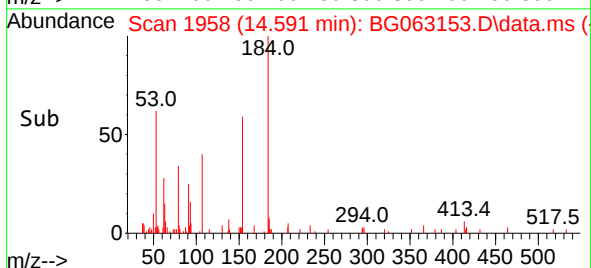
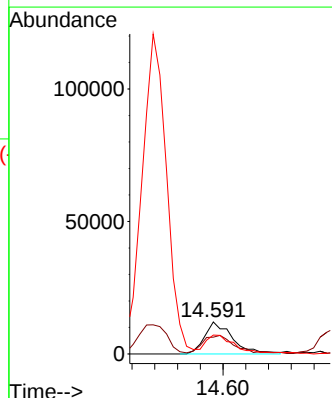
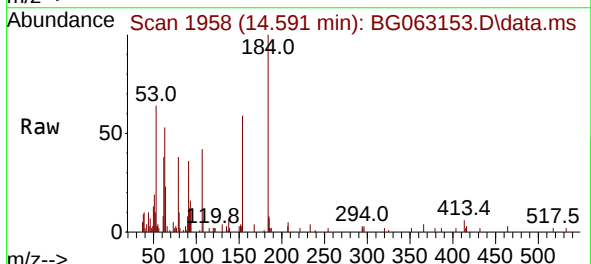
Reviewed By :Jagrut
Upadhyay
11/05/2024

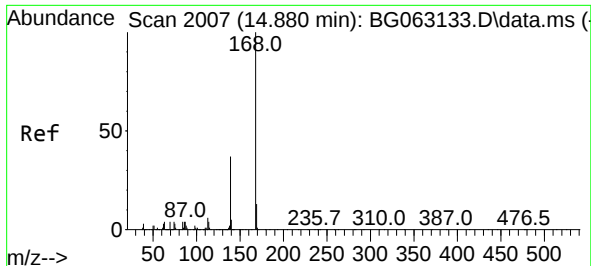
Supervised By :mohammad
ahmed
11/06/2024



#54
2,4-Dinitrophenol
Concen: 6.539 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.007 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

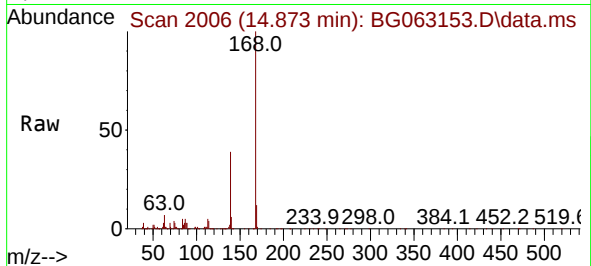
Tgt Ion:184 Resp: 20607
Ion Ratio Lower Upper
184 100
63 52.6 58.5 87.7#
154 58.9 60.6 90.8#





#55
Dibenzenofuran
Concen: 11.329 ng
RT: 14.873 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

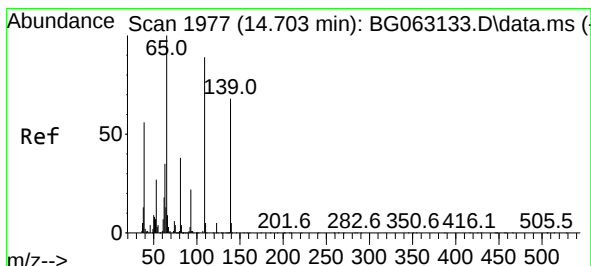
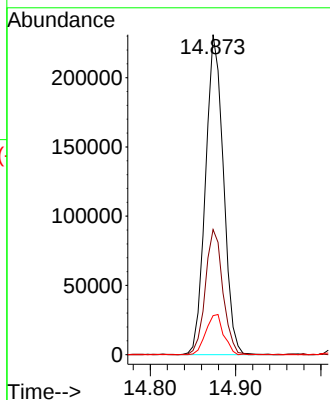
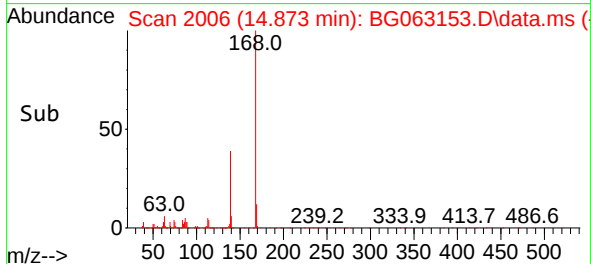


Tgt Ion:168 Resp: 336979
Ion Ratio Lower Upper
168 100
139 39.1 29.9 44.9
169 12.2 10.4 15.6

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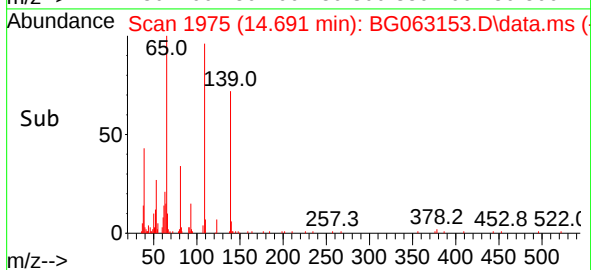
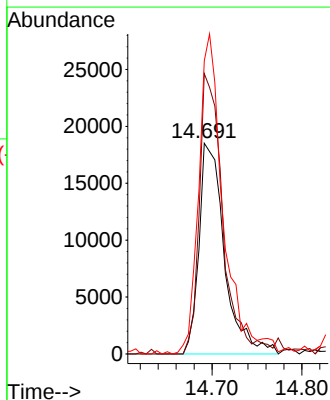
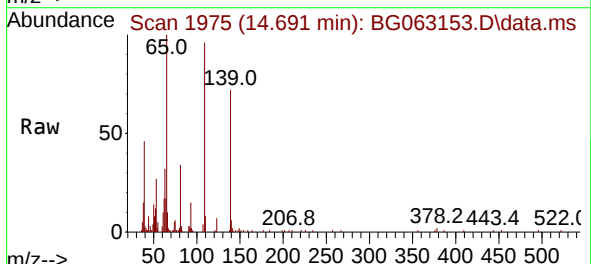
Reviewed By :Jagrut
Upadhyay
11/05/2024

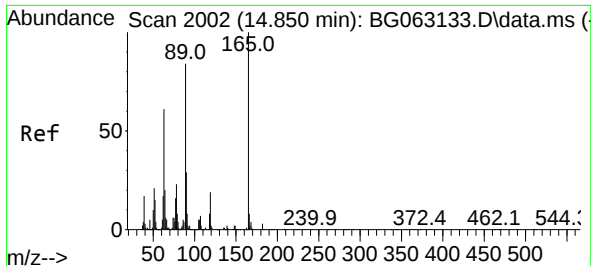
Supervised By :mohammad
ahmed
11/06/2024



#56
4-Nitrophenol
Concen: 9.800 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

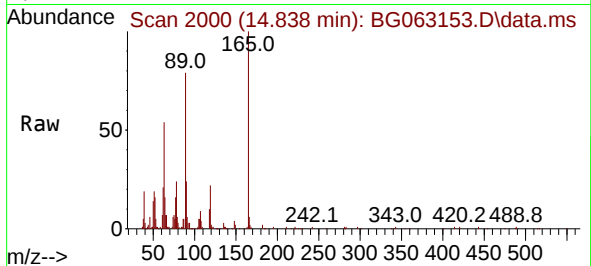
Tgt Ion:139 Resp: 36399
Ion Ratio Lower Upper
139 100
109 133.1 112.0 152.0
65 139.1 127.6 167.6





#57
2,4-Dinitrotoluene
Concen: 10.680 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

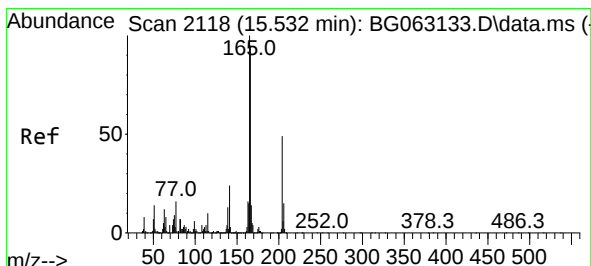
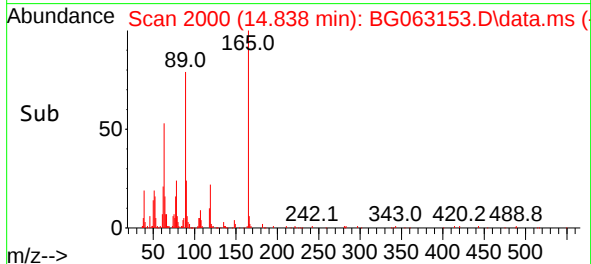
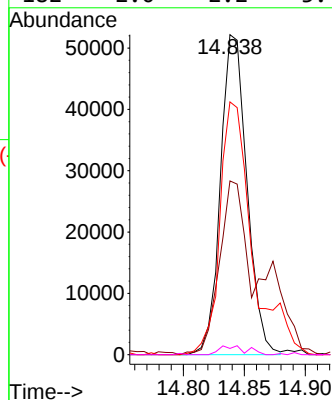


Tgt Ion:165 Resp: 78920
Ion Ratio Lower Upper
165 100
63 54.3 49.0 73.4
89 79.0 67.4 101.0
182 2.0 2.2 3.4

Manual Integrations
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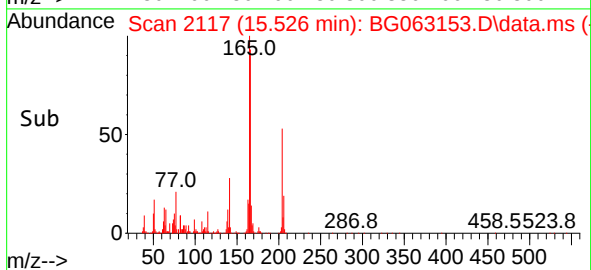
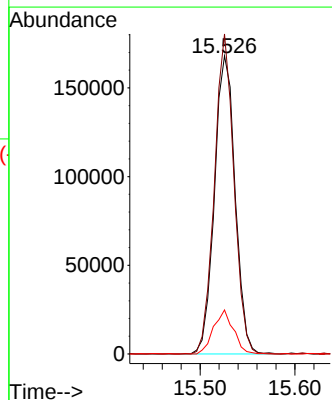
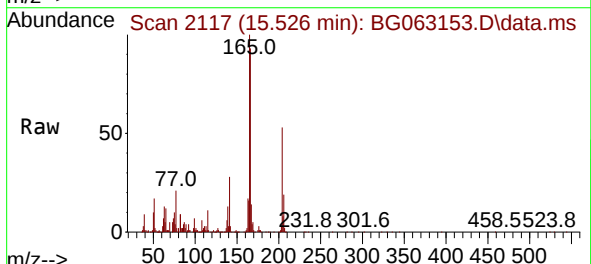
Reviewed By :Jagrut
Upadhyay
11/05/2024

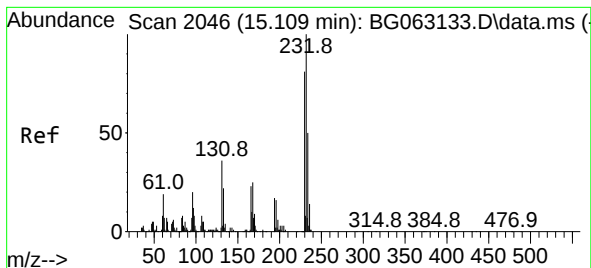
Supervised By :mohammad
ahmed
11/06/2024



#58
Fluorene
Concen: 10.796 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

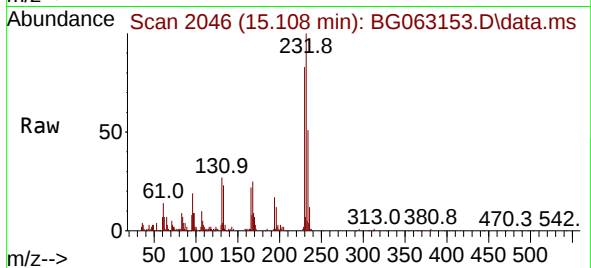
Tgt Ion:166 Resp: 254481
Ion Ratio Lower Upper
166 100
165 107.3 84.1 126.1
167 14.8 11.6 17.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.772 ng
RT: 15.108 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

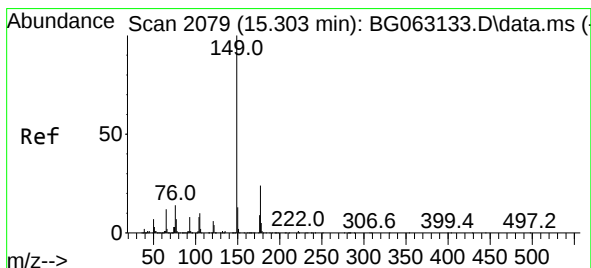
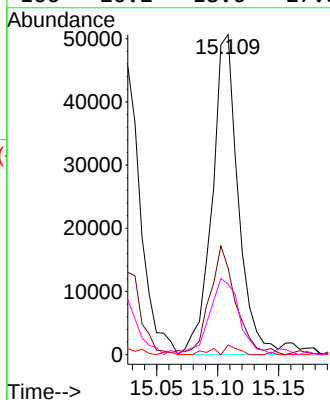
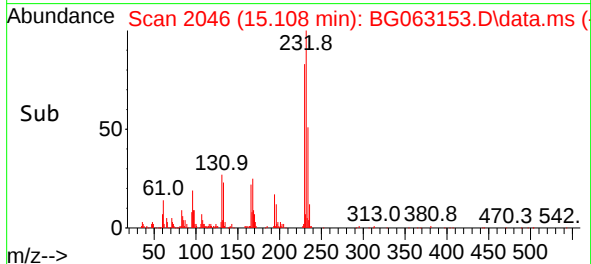


Tgt Ion:232 Resp: 7532
Ion Ratio Lower Upper
232 100
131 34.4 26.8 40.2
130 2.4 1.8 2.8
166 26.2 18.6 27.8

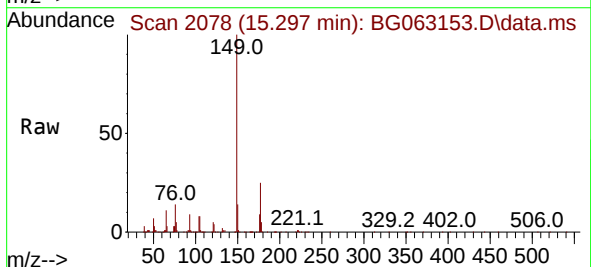
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
11/05/2024

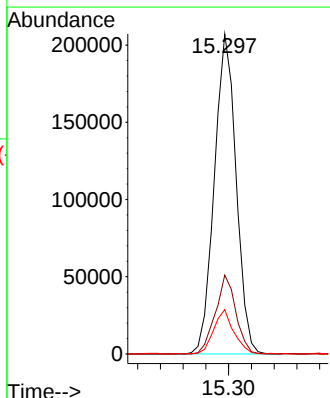
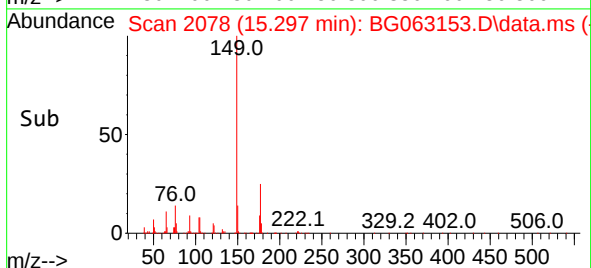
Supervised By :mohammad
ahmed
11/06/2024

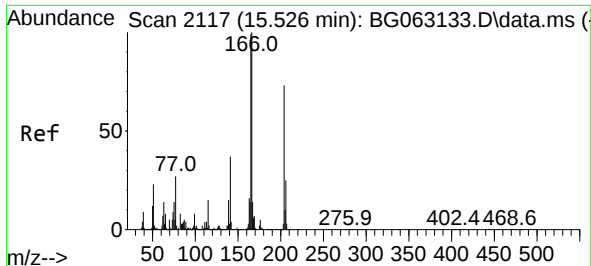


#60
Diethylphthalate
Concen: 11.086 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43



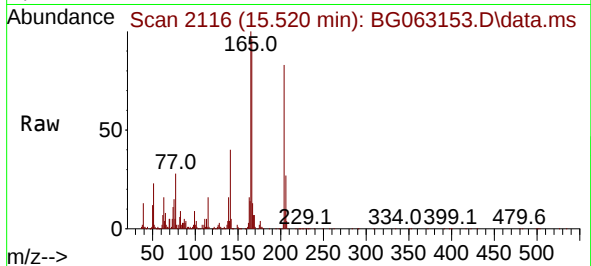
Tgt Ion:149 Resp: 275480
Ion Ratio Lower Upper
149 100
177 24.6 18.8 28.2
150 13.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 11.169 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

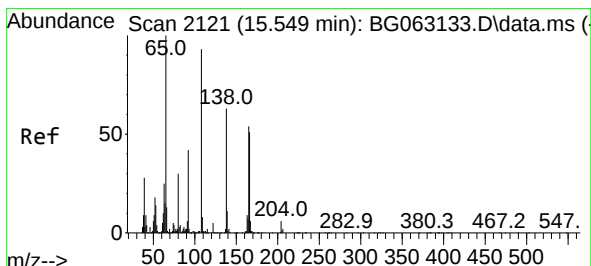
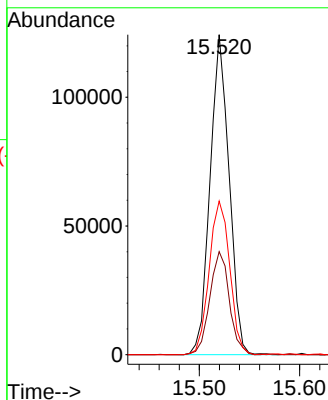
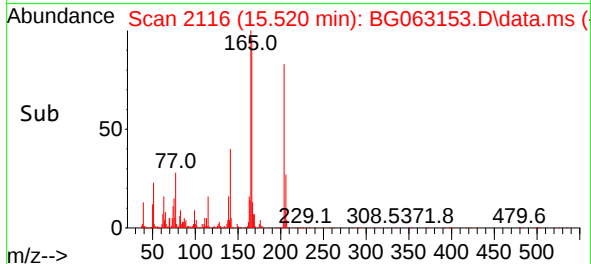


Tgt Ion:204 Resp: 163629
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 48.0 41.0 61.4

Manual Integrations
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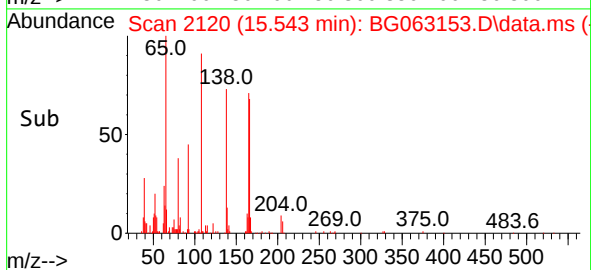
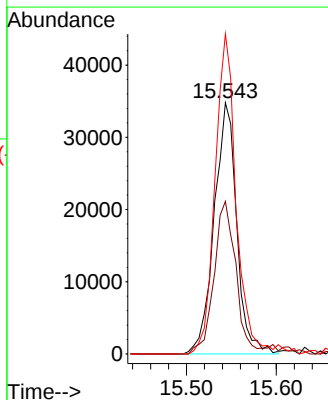
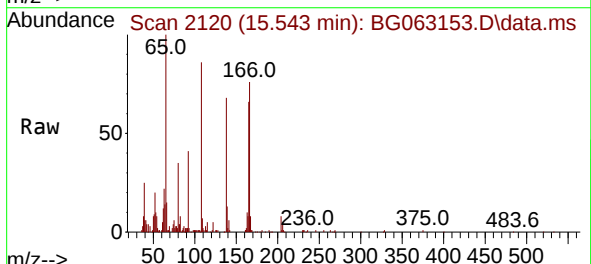
Reviewed By :Jagrut
Upadhyay
11/05/2024

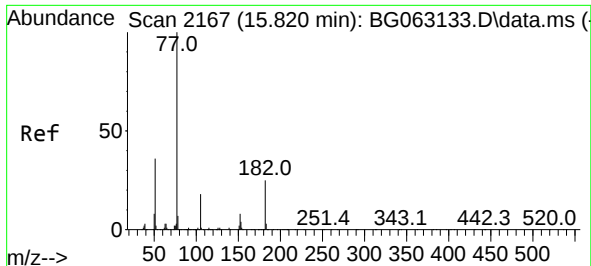
Supervised By :mohammad
ahmed
11/06/2024



#62
4-Nitroaniline
Concen: 11.209 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

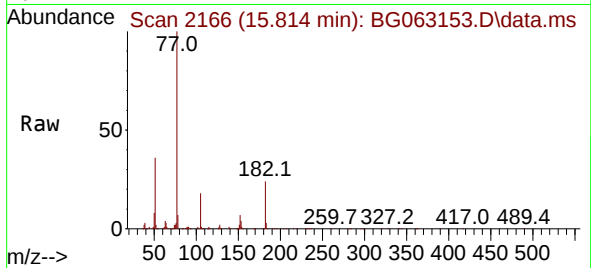
Tgt Ion:138 Resp: 60670
Ion Ratio Lower Upper
138 100
92 60.8 46.2 86.2
108 127.4 126.8 166.8





#63
Azobenzene
Concen: 11.615 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

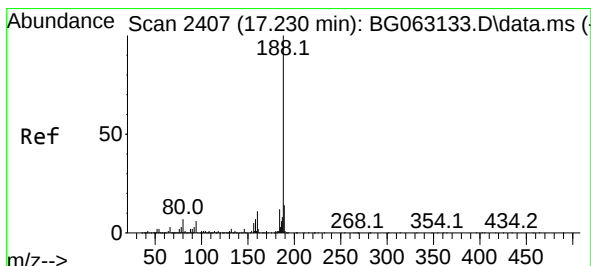
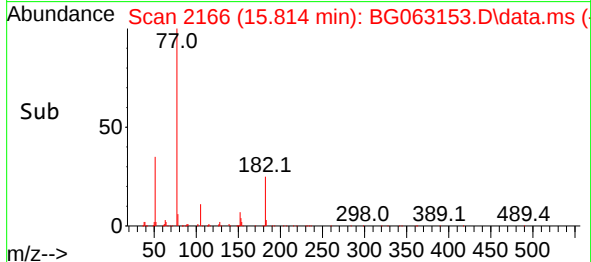
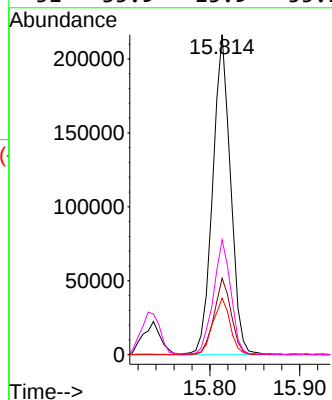


Tgt Ion: 77 Resp: 298534
Ion Ratio Lower Upper
77 100
182 23.9 5.4 45.4
105 17.7 0.0 37.5
51 35.9 15.9 55.9

Manual Integrations
APPROVED

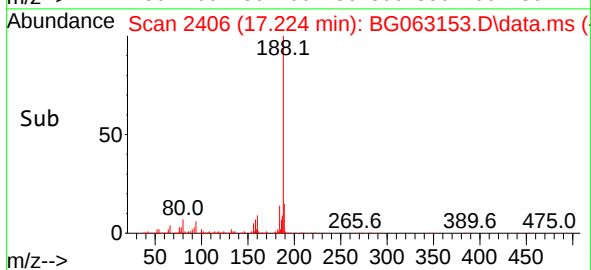
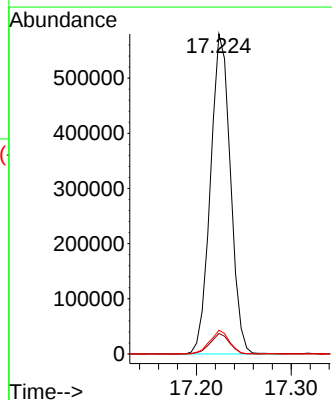
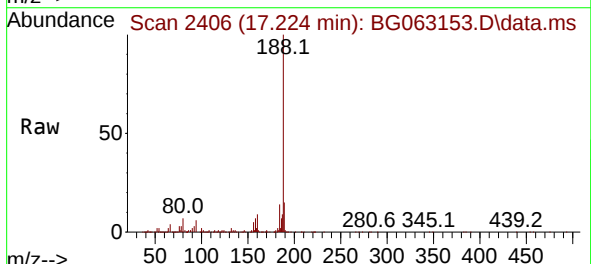
Reviewed By :Jagrut
Upadhyay
11/05/2024

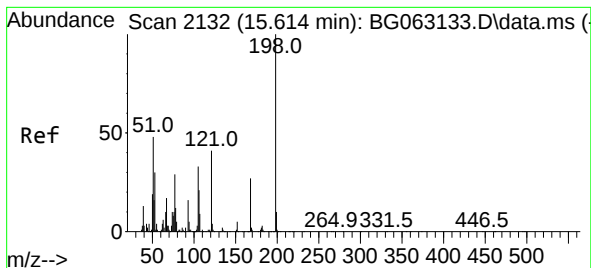
Supervised By :mohammad
ahmed
11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:188 Resp: 847739
Ion Ratio Lower Upper
188 100
94 6.4 4.8 7.2
80 7.4 5.9 8.9





#65
4,6-Dinitro-2-methylphenol
Concen: 9.334 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

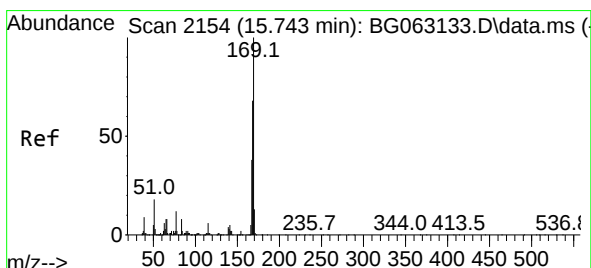
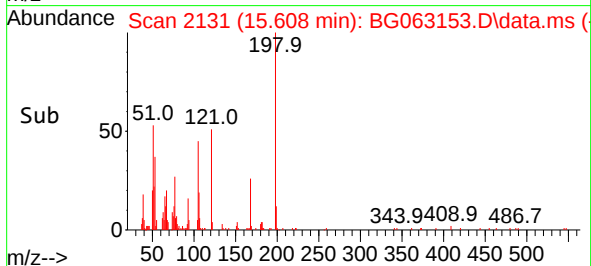
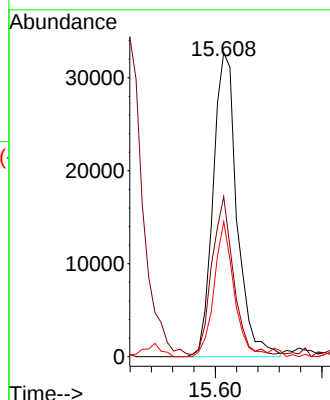
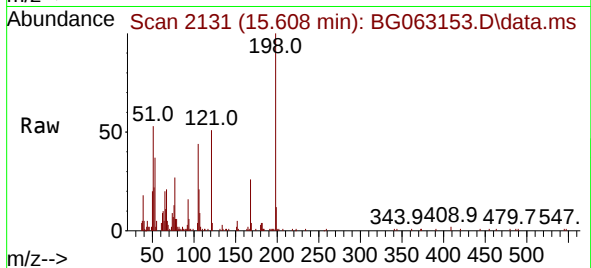
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:198 Resp: 5087
Ion Ratio Lower Upper
198 100
51 52.6 30.3 70.3
105 44.4 13.6 53.6

Manual Integrations
APPROVED

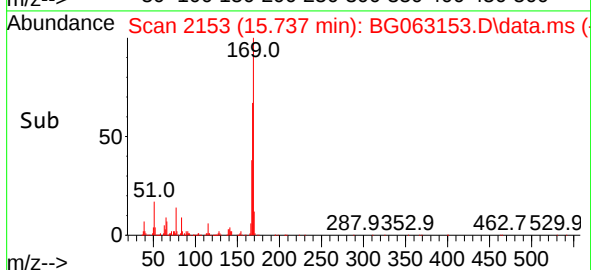
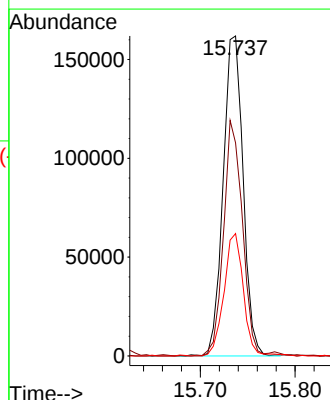
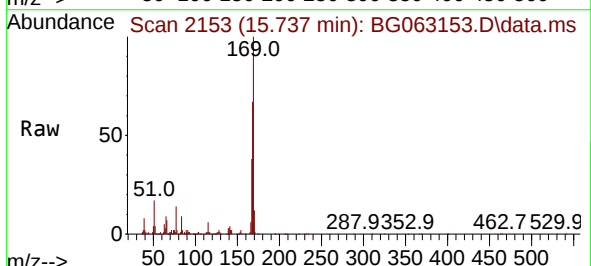
Reviewed By :Jagrut
Upadhyay
11/05/2024

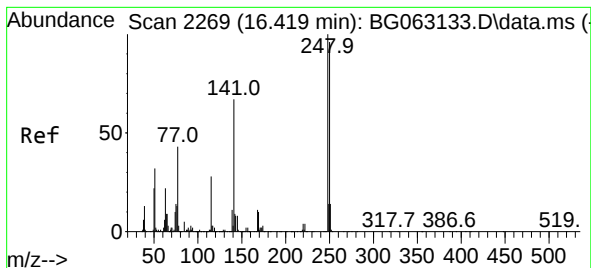
Supervised By :mohammad
ahmed
11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 11.208 ng
RT: 15.737 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

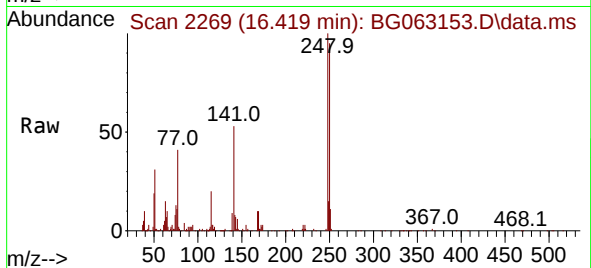
Tgt Ion:169 Resp: 237041
Ion Ratio Lower Upper
169 100
168 66.6 54.8 82.2
167 38.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 10.927 ng
RT: 16.419 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

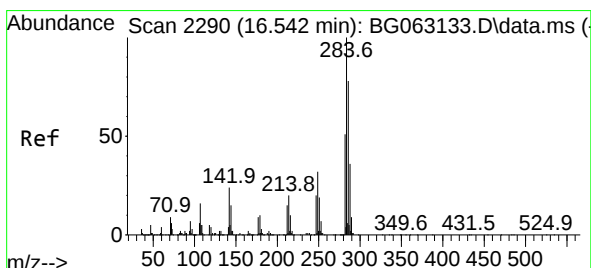
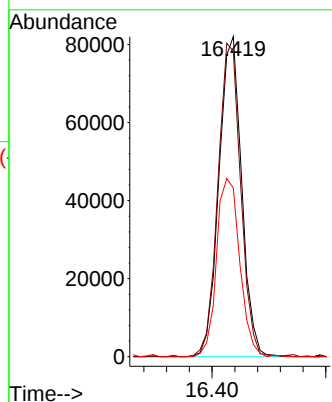
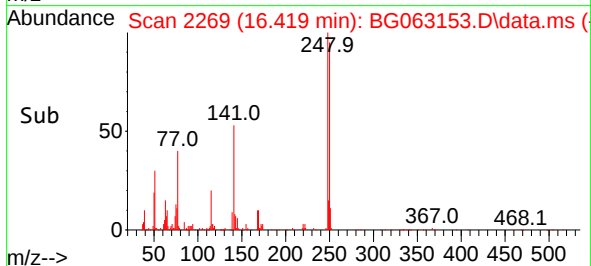


Tgt Ion:248 Resp: 113520
Ion Ratio Lower Upper
248 100
250 95.4 76.6 115.0
141 52.7 53.9 80.9

Manual Integrations
APPROVED

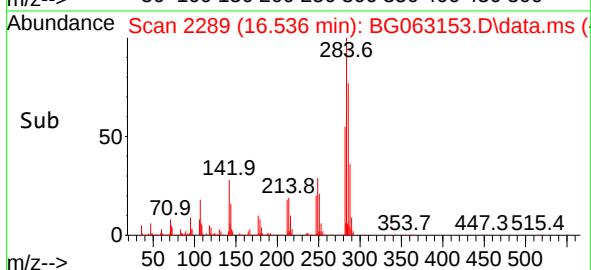
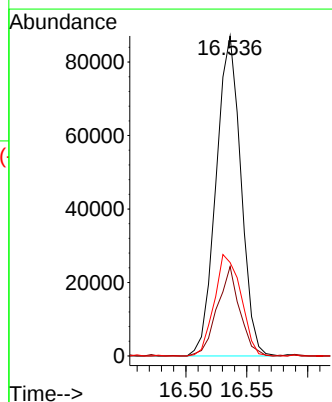
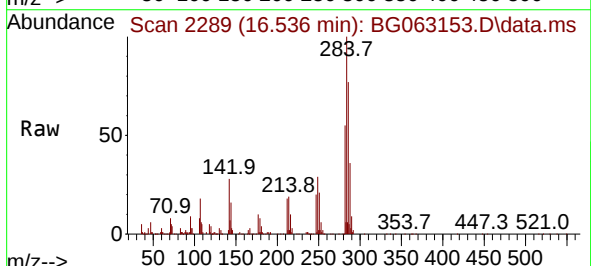
Reviewed By :Jagrut
Upadhyay
11/05/2024

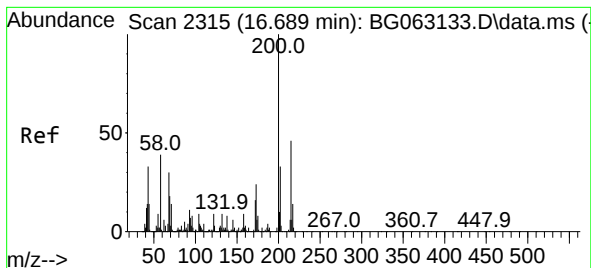
Supervised By :mohammad
ahmed
11/06/2024



#68
Hexachlorobenzene
Concen: 10.253 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:284 Resp: 123404
Ion Ratio Lower Upper
284 100
142 28.0 19.0 28.6
249 29.2 25.8 38.8





#69

Atrazine

Concen: 11.060 ng

RT: 16.683 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:200 Resp: 107530

Ion Ratio Lower Upper

200 100

173 24.0 3.6 43.6

215 48.5 25.8 65.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

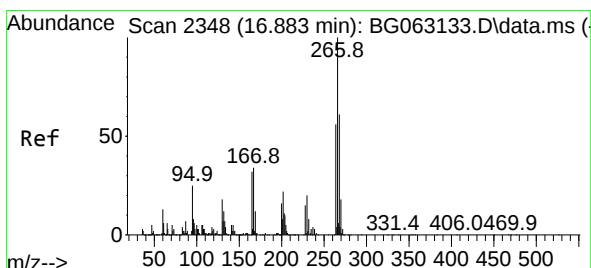
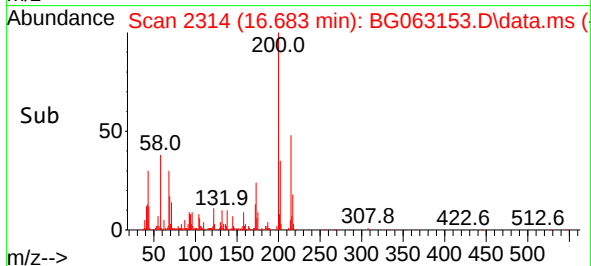
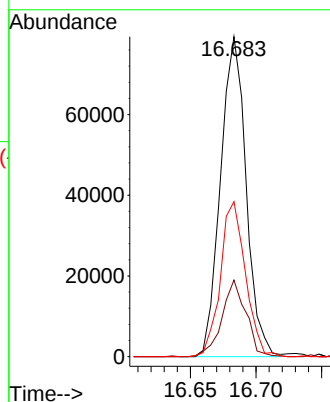
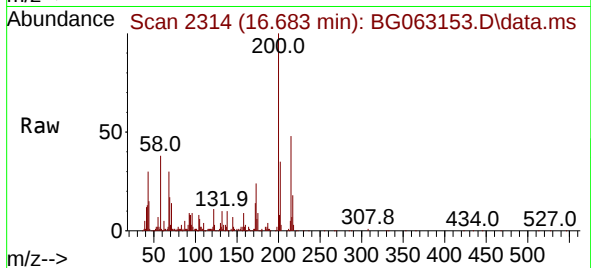
Upadhyay

11/05/2024

Supervised By :mohammad

ahmed

11/06/2024



#70

Pentachlorophenol

Concen: 7.855 ng

RT: 16.877 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

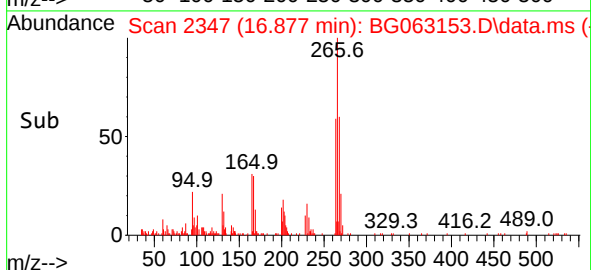
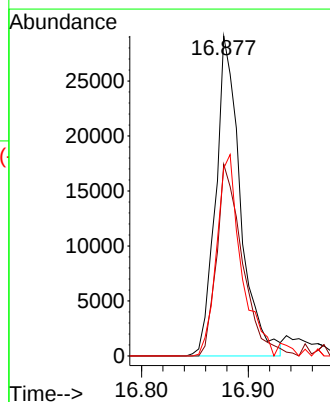
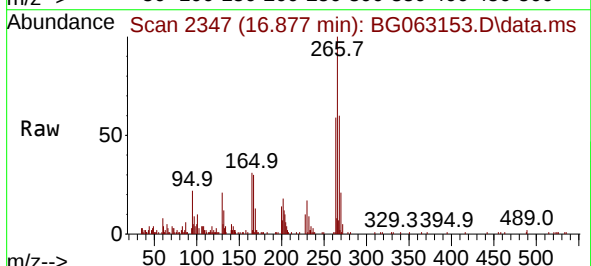
Tgt Ion:266 Resp: 47036

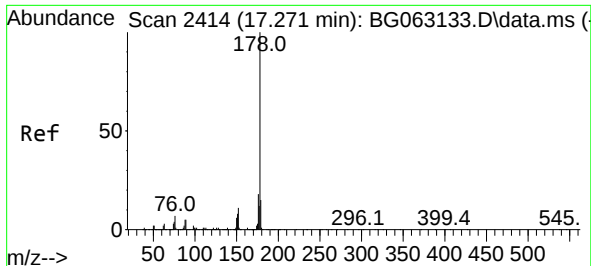
Ion Ratio Lower Upper

266 100

268 61.6 48.8 73.2

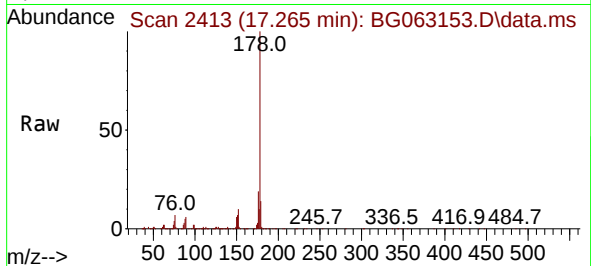
264 58.6 45.0 67.4





#71
Phenanthrene
Concen: 11.156 ng
RT: 17.265 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

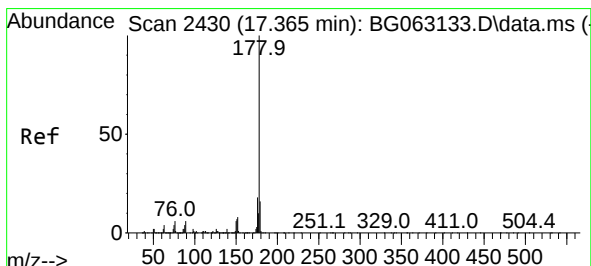
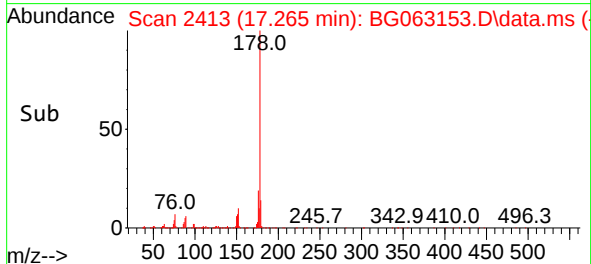
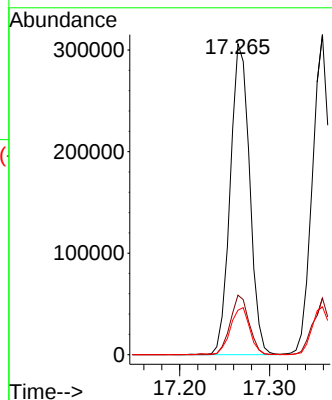


Tgt Ion:178 Resp: 458480
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 14.3 12.3 18.5

Manual Integrations
APPROVED

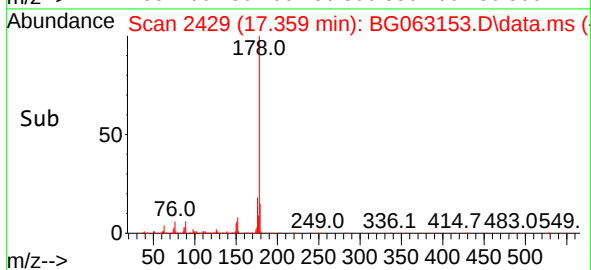
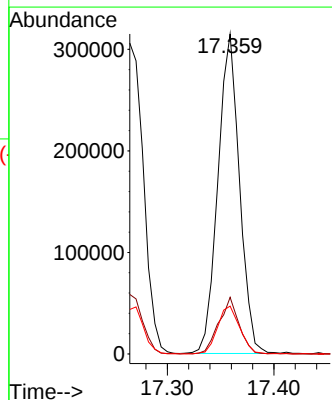
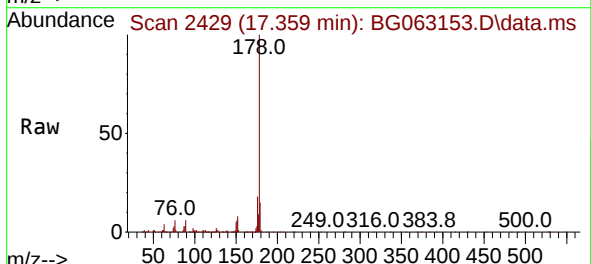
Reviewed By :Jagrut
Upadhyay
11/05/2024

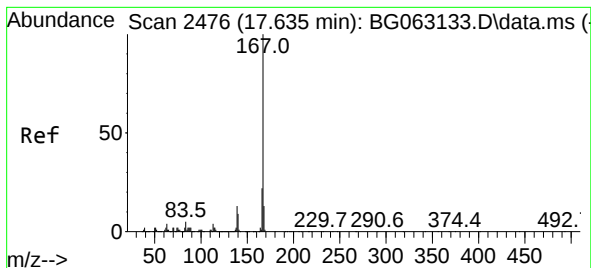
Supervised By :mohammad
ahmed
11/06/2024



#72
Anthracene
Concen: 10.950 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:178 Resp: 441700
Ion Ratio Lower Upper
178 100
176 17.7 14.6 22.0
179 15.0 12.4 18.6





#73

Carbazole

Concen: 10.625 ng

RT: 17.629 min Scan# 2476

Delta R.T. -0.006 min

Lab File: BG063153.D

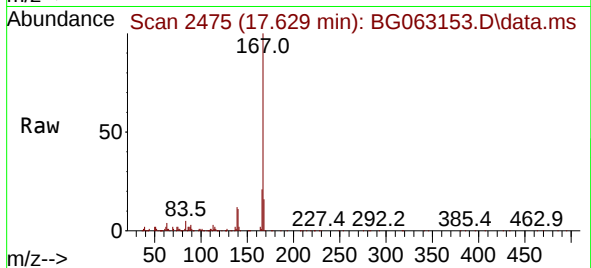
Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion:167 Resp: 403458

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.2

139 12.1 10.3 15.5

Manual Integrations

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Reviewed By :Jagrut

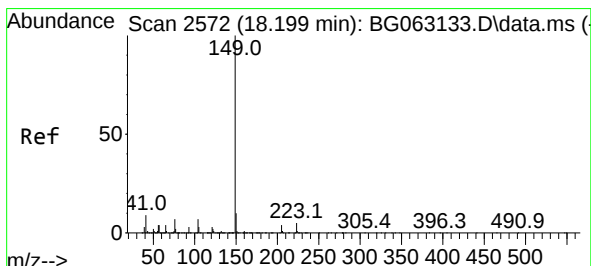
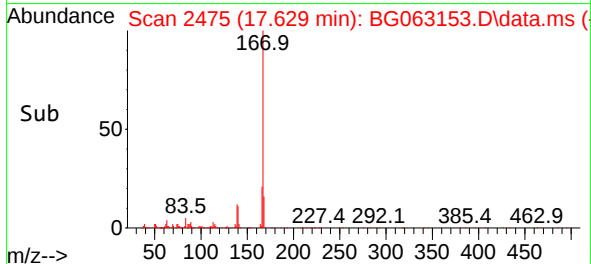
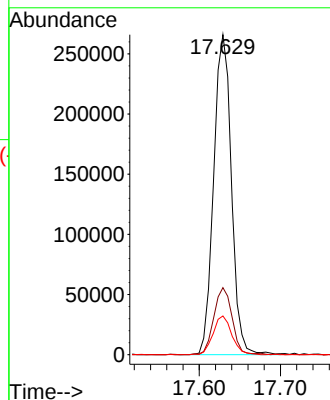
Upadhyay

11/05/2024

Supervised By :mohammad

ahmed

11/06/2024



#74

Di-n-butylphthalate

Concen: 10.553 ng

RT: 18.193 min Scan# 2571

Delta R.T. -0.006 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

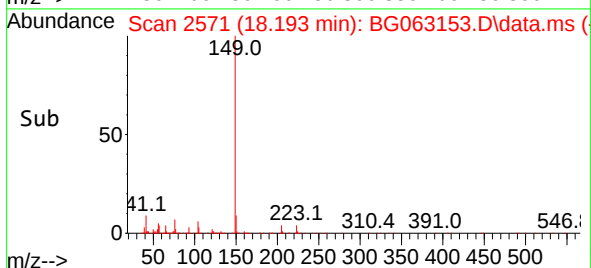
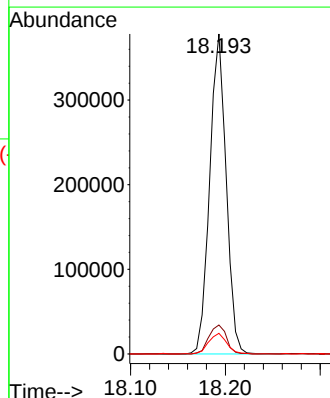
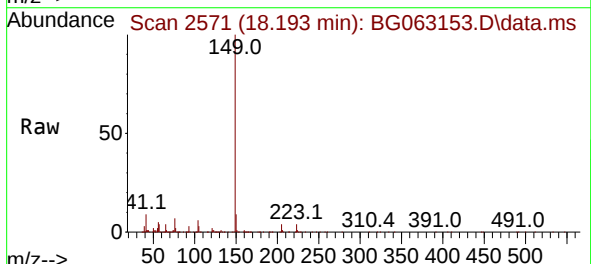
Tgt Ion:149 Resp: 454970

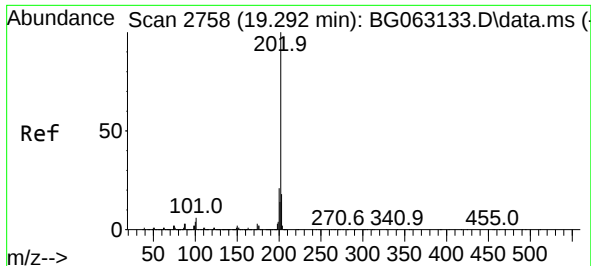
Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

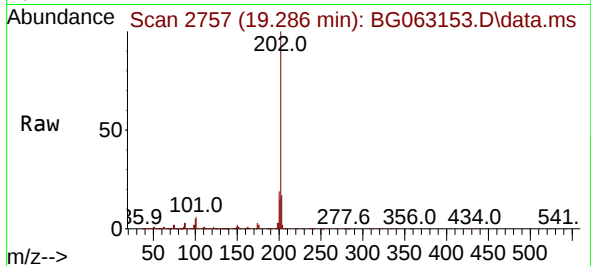
104 6.4 5.4 8.0





#75
Fluoranthene
Concen: 10.312 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

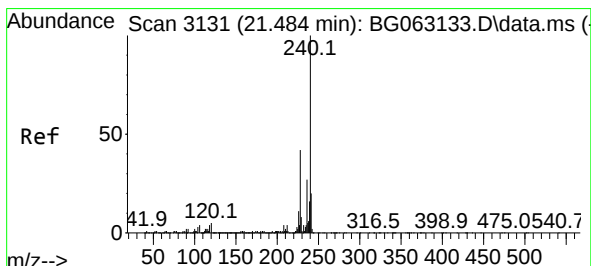
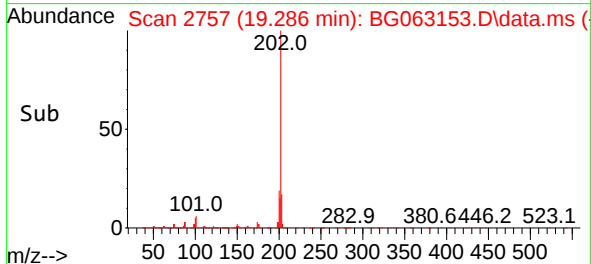
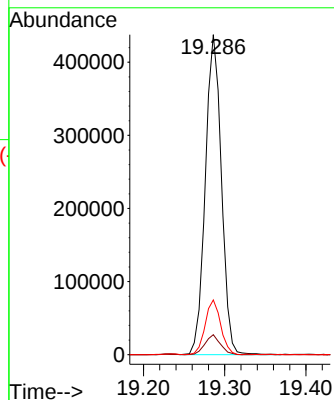


Tgt Ion:202 Resp: 599880
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.8
203 17.1 0.0 38.1

Manual Integrations
APPROVED

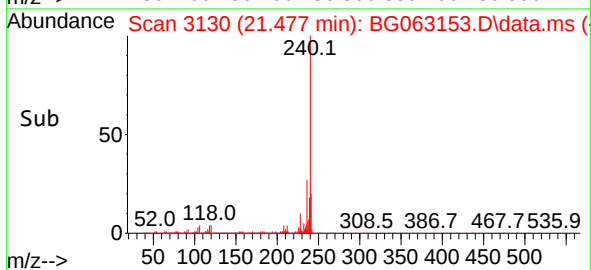
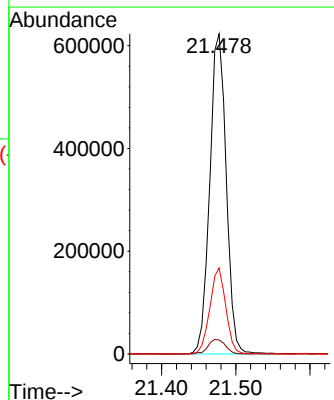
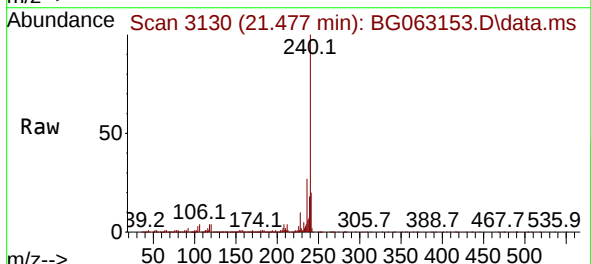
Reviewed By :Jagrut
Upadhyay
11/05/2024

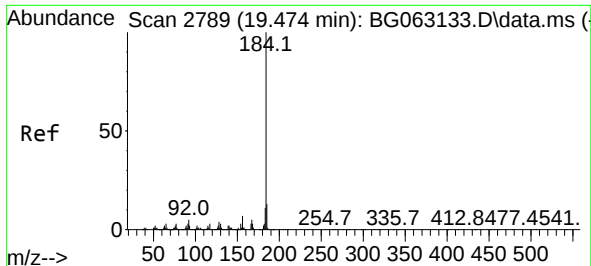
Supervised By :mohammad
ahmed
11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

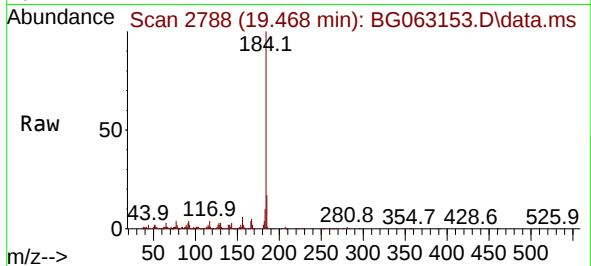
Tgt Ion:240 Resp: 961496
Ion Ratio Lower Upper
240 100
120 4.3 3.9 5.9
236 26.9 21.4 32.2





#77
Benzidine
Concen: 11.512 ng
RT: 19.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

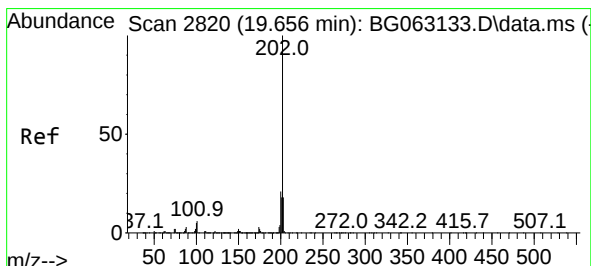
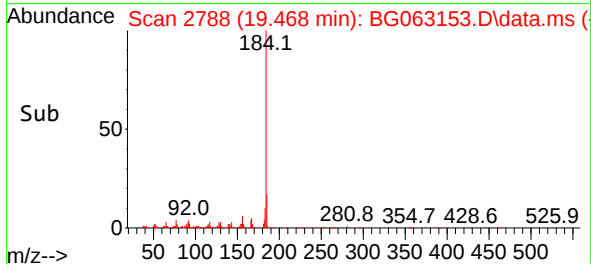
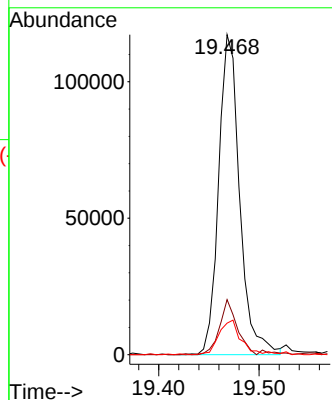


Tgt Ion:184 Resp: 170548
Ion Ratio Lower Upper
184 100
185 17.2 10.6 16.0
183 9.9 8.6 12.8

Manual Integrations
APPROVED

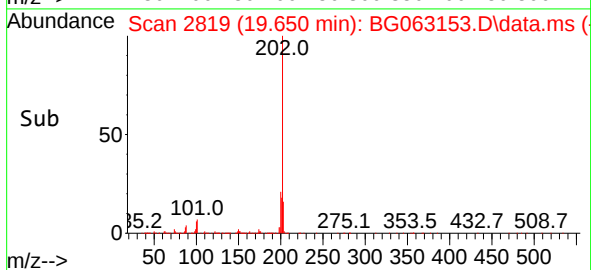
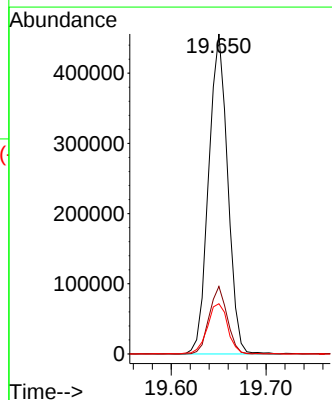
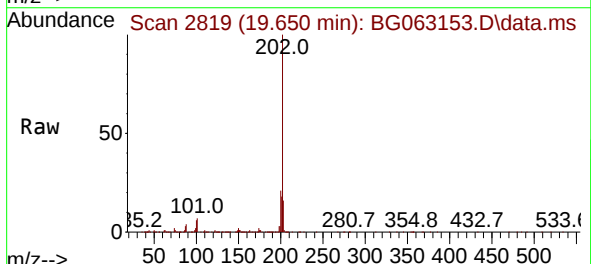
Reviewed By :Jagrut
Upadhyay
11/05/2024

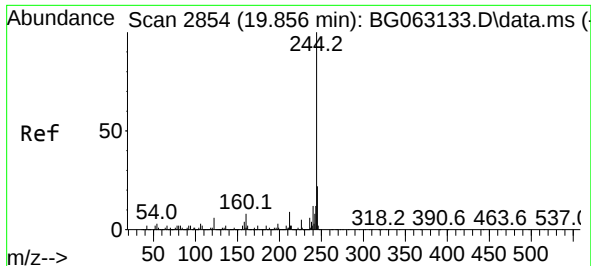
Supervised By :mohammad
ahmed
11/06/2024



#78
Pyrene
Concen: 11.132 ng
RT: 19.650 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

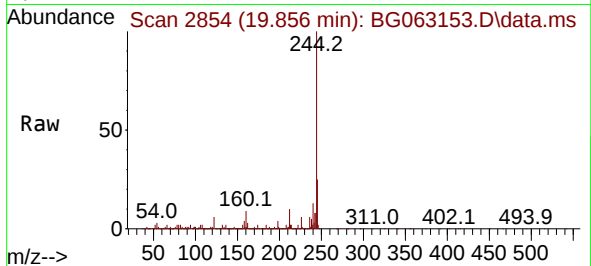
Tgt Ion:202 Resp: 634512
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 15.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 77.469 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG063153.D
 Acq: 4 Nov 2024 12:43

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

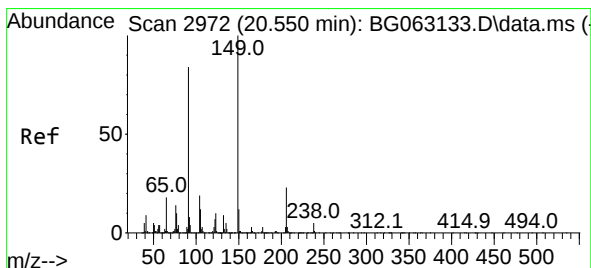
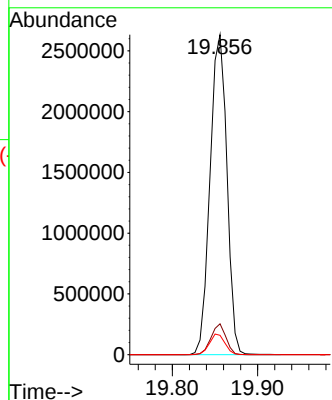


Tgt Ion:244 Resp: 361961
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.3 10.9
 122 6.1 4.8 7.2

Manual Integrations
 APPROVED

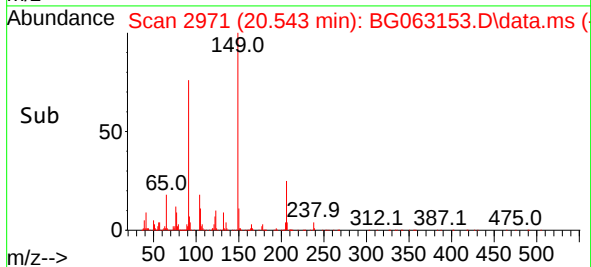
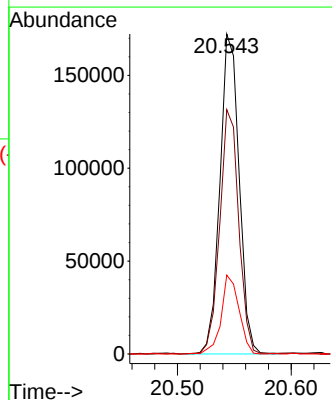
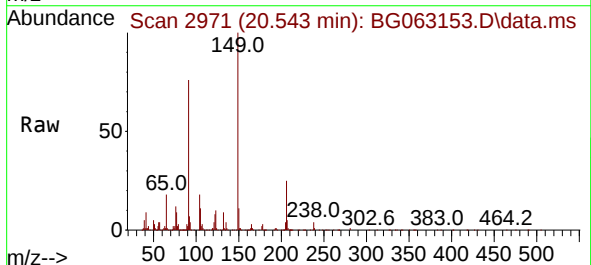
Reviewed By :Jagrut
 Upadhyay
 11/05/2024

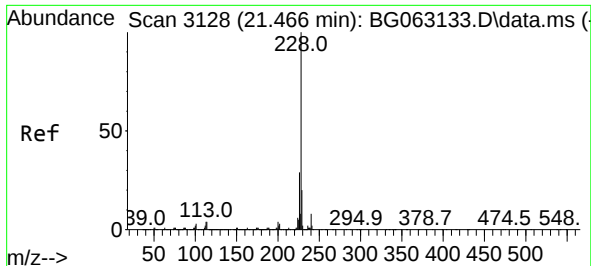
Supervised By :mohammad
 ahmed
 11/06/2024



#80
 Butylbenzylphthalate
 Concen: 11.015 ng
 RT: 20.543 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BG063153.D
 Acq: 4 Nov 2024 12:43

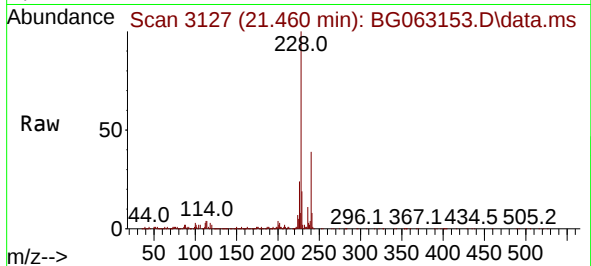
Tgt Ion:149 Resp: 202275
 Ion Ratio Lower Upper
 149 100
 91 76.3 67.3 100.9
 206 24.7 18.8 28.2





#81
Benzo(a)anthracene
Concen: 11.335 ng
RT: 21.460 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

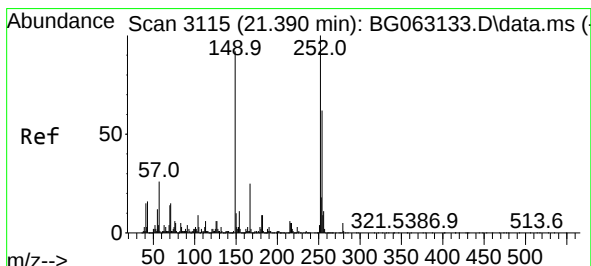
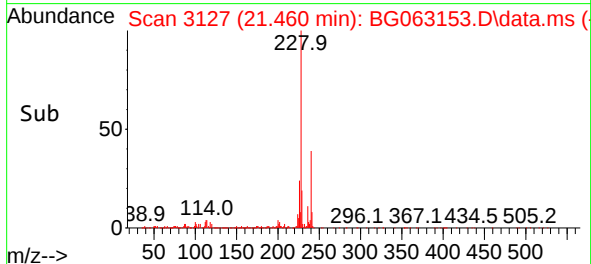
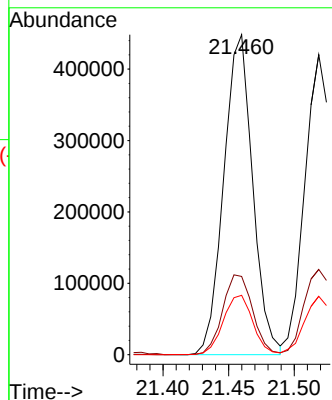


Tgt Ion:228 Resp: 68632
Ion Ratio Lower Upper
228 100
226 24.4 23.5 35.3
229 18.6 16.2 24.2

Manual Integrations
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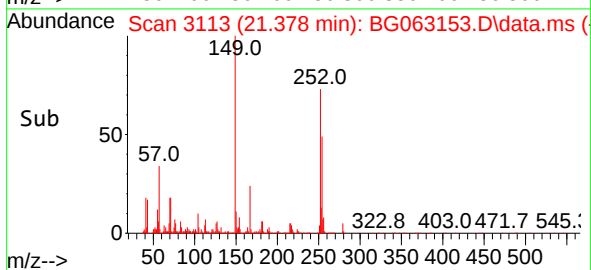
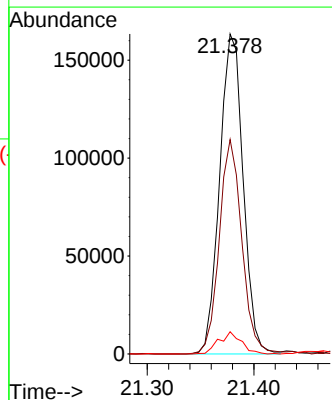
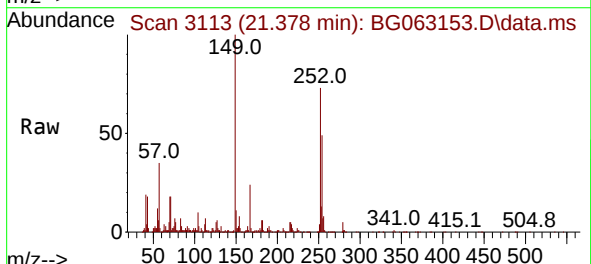
Reviewed By :Jagrut
Upadhyay
11/05/2024

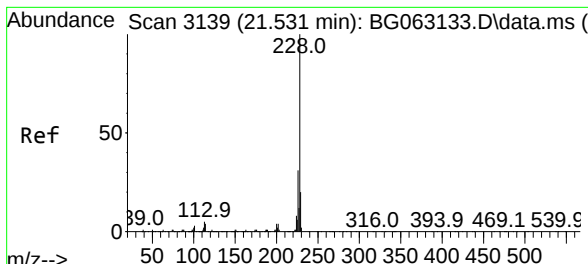
Supervised By :mohammad
ahmed
11/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 11.137 ng
RT: 21.378 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:252 Resp: 250019
Ion Ratio Lower Upper
252 100
254 67.0 49.4 74.2
126 7.0 4.8 7.2





#83
 Chrysene
 Concen: 11.302 ng
 RT: 21.519 min Scan# 3113
 Delta R.T. -0.012 min
 Lab File: BG063153.D
 Acq: 4 Nov 2024 12:43

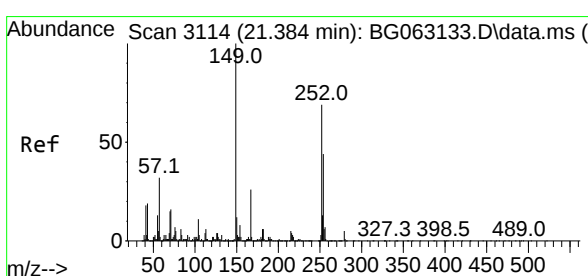
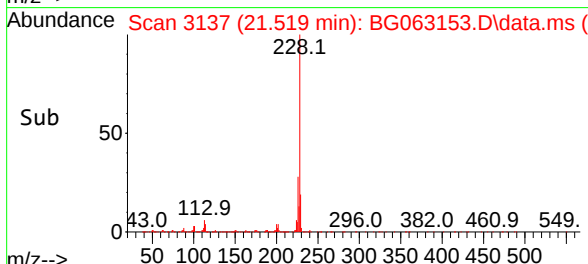
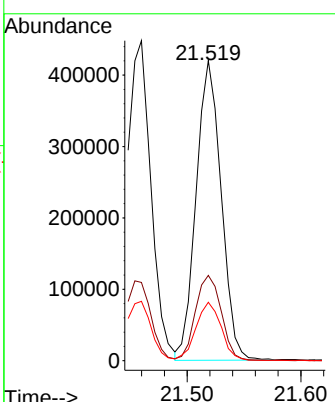
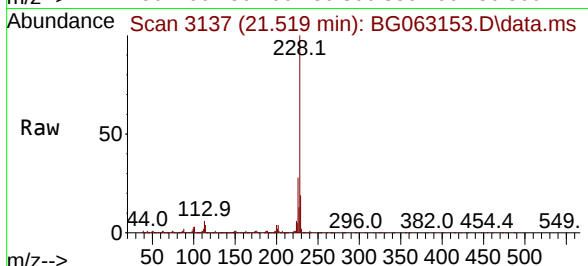
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:228 Resp: 642839

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.8	37.2
229	19.5	15.8	23.8

Manual Integrations
 APPROVED

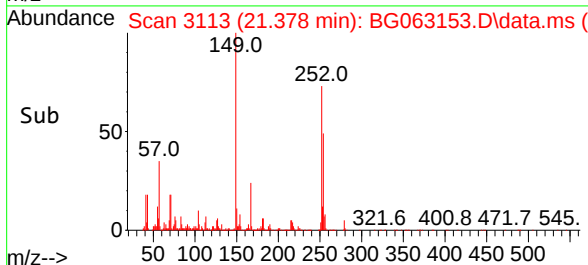
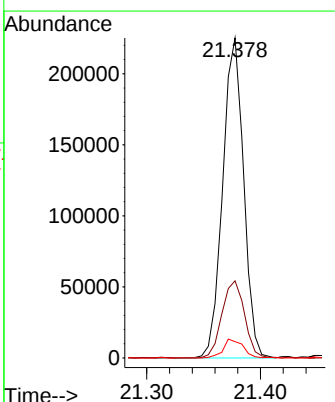
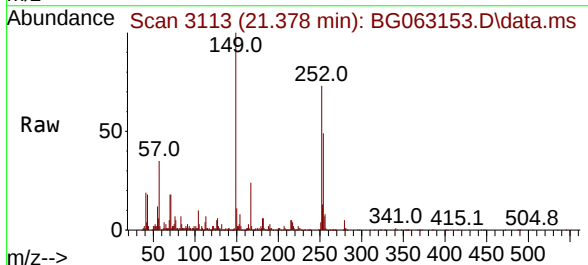
Reviewed By :Jagrut Upadhyay
 11/05/2024
 Supervised By :mohammad ahmed
 11/06/2024

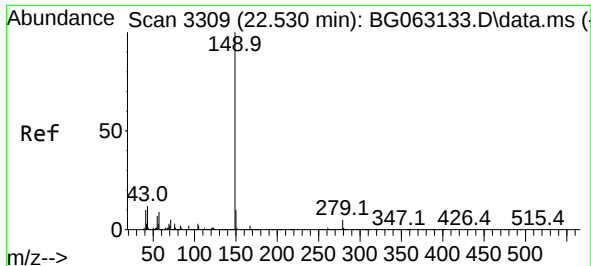


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.807 ng
 RT: 21.378 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BG063153.D
 Acq: 4 Nov 2024 12:43

Tgt Ion:149 Resp: 287901

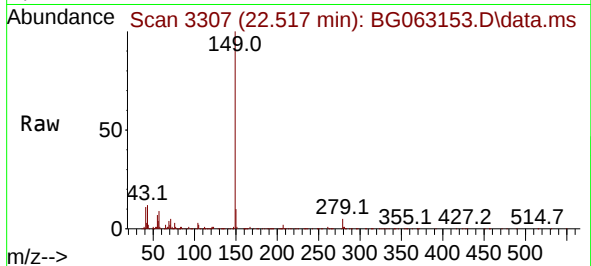
Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.6	31.0
279	5.1	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 10.798 ng
RT: 22.517 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

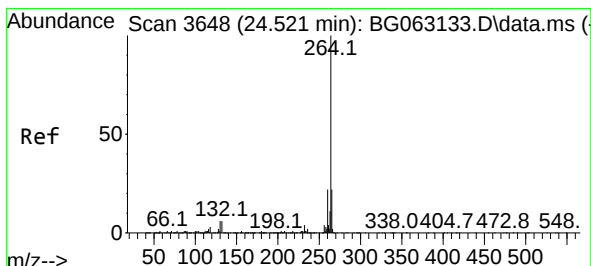
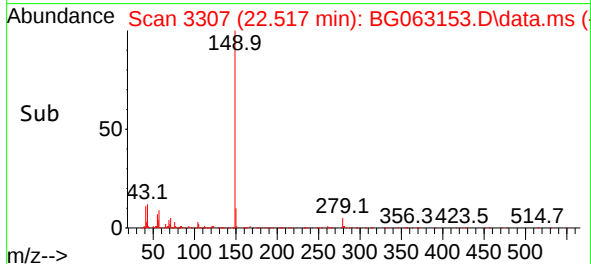
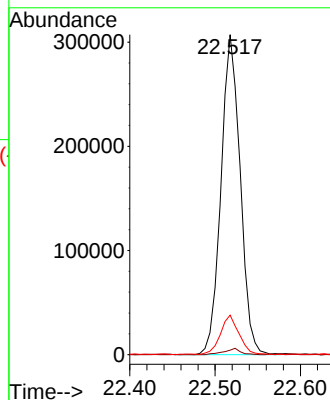


Tgt Ion:149 Resp: 481285
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.7 9.8 14.6

Manual Integrations
APPROVED

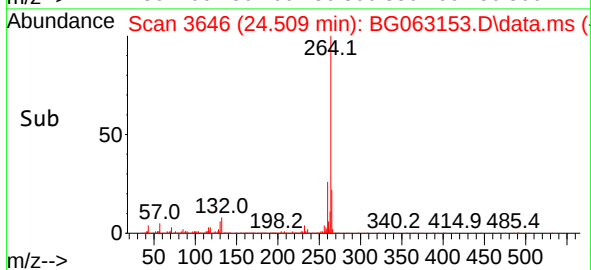
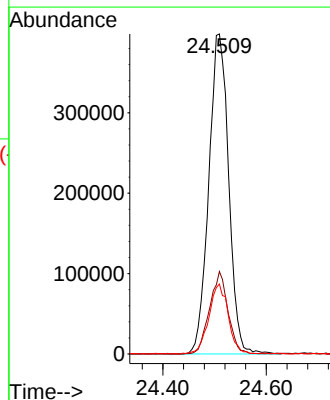
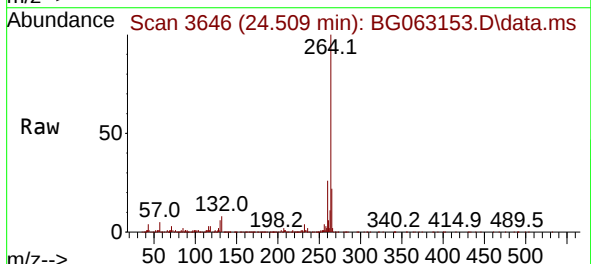
Reviewed By :Jagrut
Upadhyay
11/05/2024

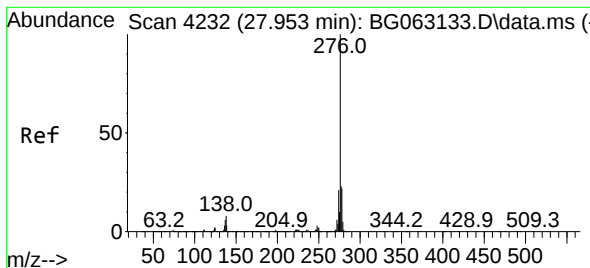
Supervised By :mohammad
ahmed
11/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.509 min Scan# 3646
Delta R.T. -0.012 min
Lab File: BG063153.D
Acq: 4 Nov 2024 12:43

Tgt Ion:264 Resp: 1062308
Ion Ratio Lower Upper
264 100
260 25.8 17.4 26.2
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.351 ng

RT: 27.923 min Scan# 4232

Delta R.T. -0.030 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:276 Resp: 80930

Ion Ratio Lower Upper

276 100

138 4.4 8.3 12.5

277 25.1 19.8 29.8

Manual Integrations

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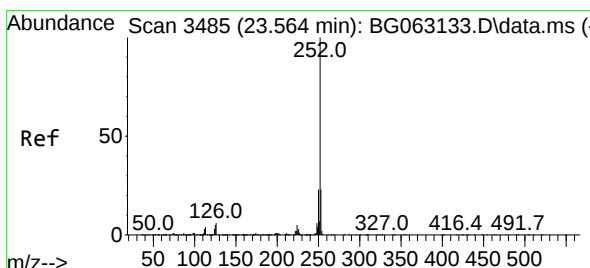
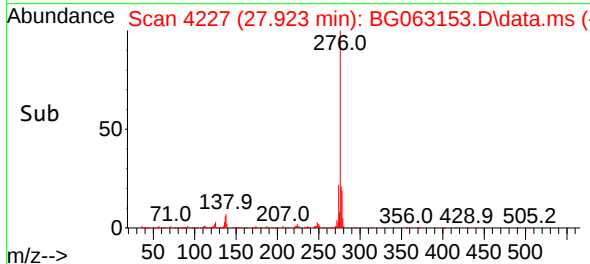
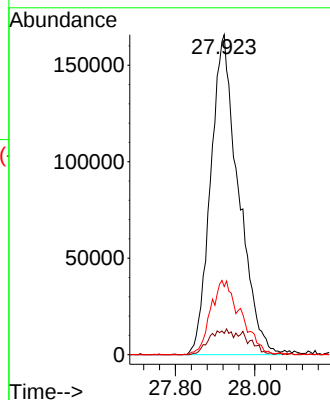
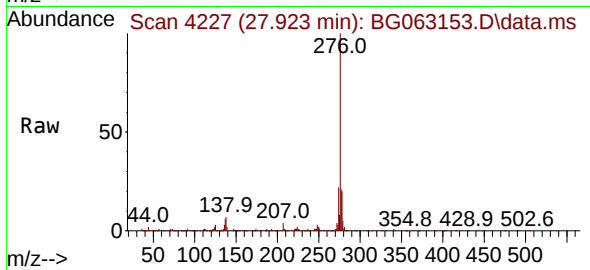
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#88

Benzo(b)fluoranthene

Concen: 10.642 ng

RT: 23.546 min Scan# 3482

Delta R.T. -0.018 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

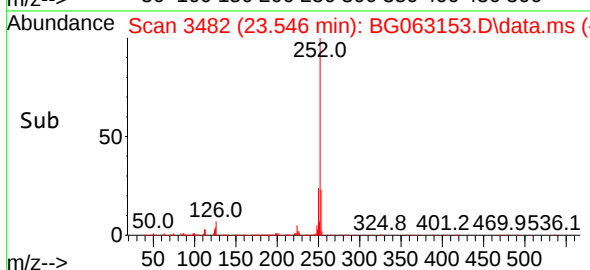
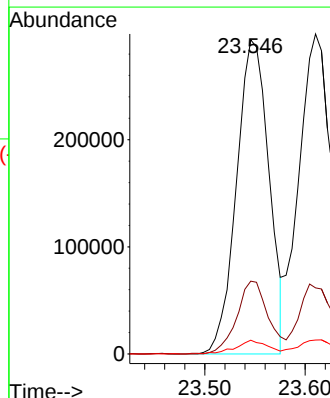
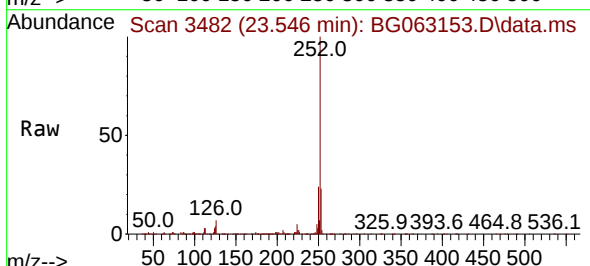
Tgt Ion:252 Resp: 659107

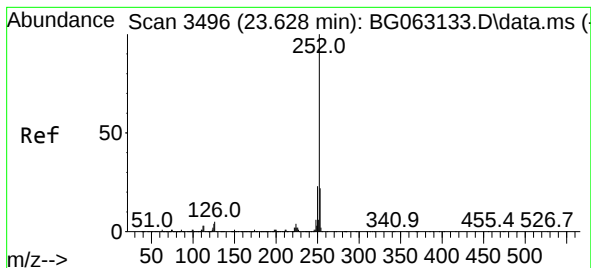
Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 4.4 3.6 5.4





#89

Benzo(k)fluoranthene

Concen: 11.777 ng

RT: 23.610 min Scan# 3493

Delta R.T. -0.018 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:252 Resp: 69588

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.2
125	4.3	3.0	4.6

Manual Integrations

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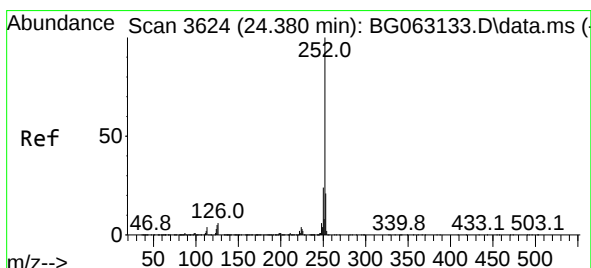
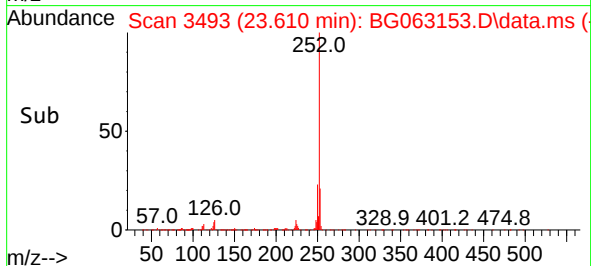
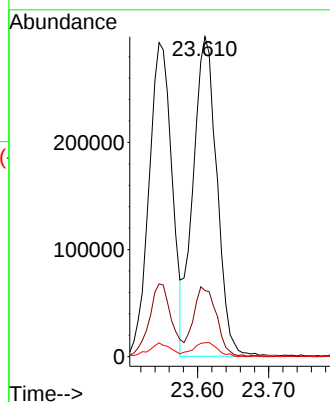
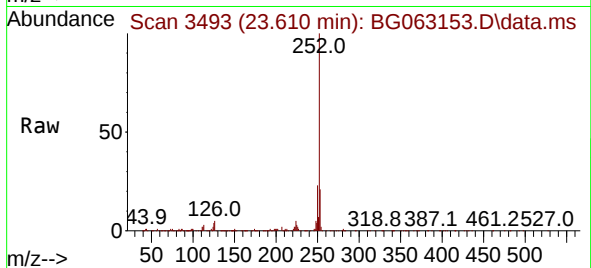
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Supervised By :mohammad

ahmed

11/06/2024



#90

Benzo(a)pyrene

Concen: 11.547 ng

RT: 24.362 min Scan# 3621

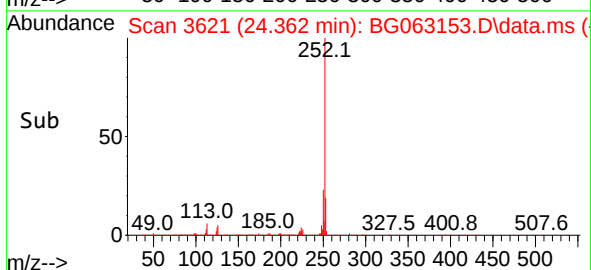
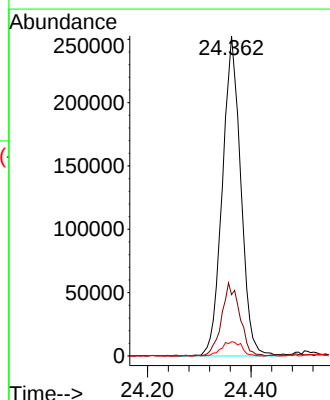
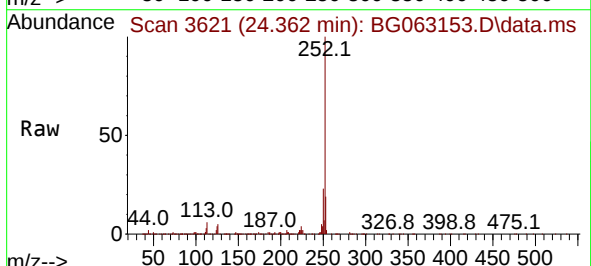
Delta R.T. -0.018 min

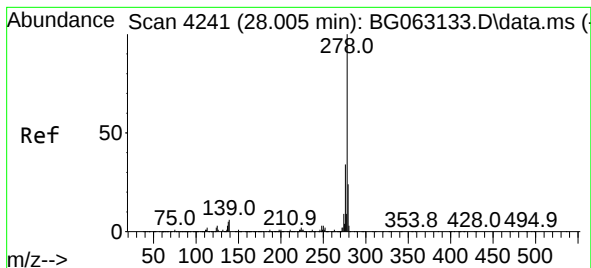
Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Tgt Ion:252 Resp: 624239

Ion	Ratio	Lower	Upper
252	100		
253	19.2	16.9	25.3
125	4.4	3.7	5.5





#91

Dibenzo(a,h)anthracene

Concen: 11.016 ng

RT: 27.970 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:278 Resp: 65558

Ion Ratio Lower Upper

278 100

139 7.6 5.0 7.6

279 21.2 19.2 28.8

Manual Integrations

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Reviewed By :Jagrut

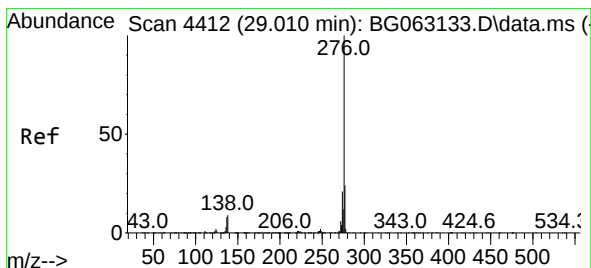
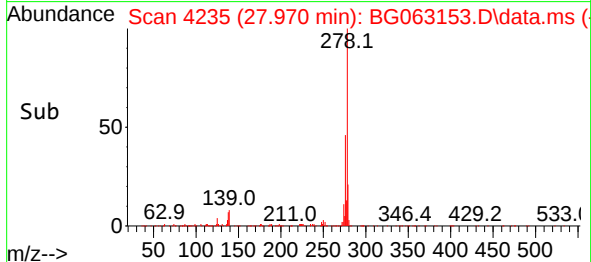
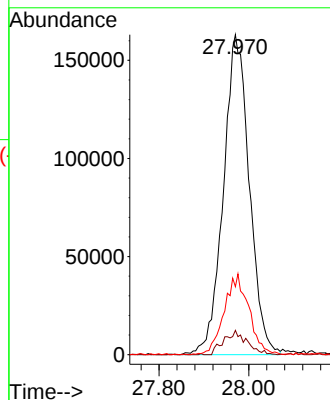
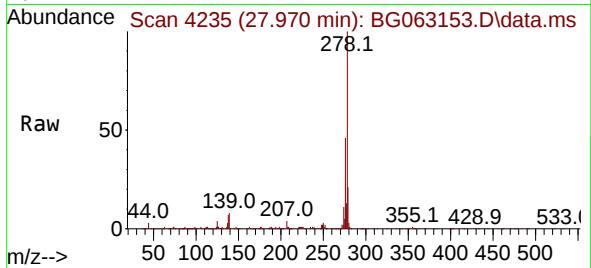
Upadhyay

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Supervised By :mohammad

ahmed

11/06/2024



#92

Benzo(g,h,i)perylene

Concen: 10.546 ng

RT: 28.986 min Scan# 4408

Delta R.T. -0.024 min

Lab File: BG063153.D

Acq: 4 Nov 2024 12:43

Tgt Ion:276 Resp: 620367

Ion Ratio Lower Upper

276 100

277 22.9 19.3 28.9

138 11.7 7.0 10.4#

