

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061054.D
 Acq On : 29 Apr 2024 19:49
 Operator : MA/JU
 Sample : P2230-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SOILMS

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Apr 30 01:22:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							04/30/2024
1) 1,4-Dichlorobenzene-d4	7.941	152	23735	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	10.738	136	95443	20.000	ng	# 0.00	04/30/2024
39) Acenaphthene-d10	14.569	164	84976	20.000	ng	0.00	05/03/2024
64) Phenanthrene-d10	17.319	188	205512	20.000	ng	0.00	
76) Chrysene-d12	21.578	240	213092	20.000	ng	0.00	
86) Perylene-d12	24.698	264	248080	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.533	112	162264	138.285	ng	0.00	
7) Phenol-d6	7.119	99	205572	118.076	ng	0.01	
23) Nitrobenzene-d5	9.099	82	172067	80.999	ng	0.00	
42) 2,4,6-Tribromophenol	16.061	330	233543	125.156	ng	0.00	
45) 2-Fluorobiphenyl	13.194	172	525466	85.583	ng	0.00	
79) Terphenyl-d14	19.939	244	1102578	80.315	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.453	88	13649	33.610	ng	#	37
3) Pyridine	3.846	79	30833	24.563	ng		93
4) n-Nitrosodimethylamine	3.752	42	45110	39.956	ng	#	94
6) Aniline	7.272	93	28564	13.651	ng	#	91
8) 2-Chlorophenol	7.513	128	66936	45.782	ng		98
9) Benzaldehyde	7.072	77	1979	2.210	ng	#	54
10) Phenol	7.142	94	74139	42.861	ng		92
11) bis(2-Chloroethyl)ether	7.360	93	52549	42.462	ng		92
12) 1,3-Dichlorobenzene	7.836	146	70079	43.223	ng		90
13) 1,4-Dichlorobenzene	7.977	146	69967	41.895	ng		95
14) 1,2-Dichlorobenzene	8.294	146	72433	44.379	ng		96
15) Benzyl Alcohol	8.177	79	75962	46.211	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.459	45	118927	44.146	ng		100
17) 2-Methylphenol	8.388	107	59833	42.840	ng		95
18) Hexachloroethane	9.023	117	27036	44.927	ng		89
19) n-Nitroso-di-n-propyla...	8.746	70	55124	42.485	ng		98
20) 3+4-Methylphenols	8.717	107	81856	41.907	ng		95
22) Acetophenone	8.758	105	113945	42.755	ng		99
24) Nitrobenzene	9.140	77	83936	41.119	ng		95
25) Isophorone	9.663	82	160715	45.207	ng		98
26) 2-Nitrophenol	9.851	139	41472	43.228	ng		89
27) 2,4-Dimethylphenol	9.916	122	58116	37.794	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	81650	43.659	ng		98
29) 2,4-Dichlorophenol	10.392	162	83097	46.822	ng		96
30) 1,2,4-Trichlorobenzene	10.603	180	89274	45.590	ng		95
31) Naphthalene	10.785	128	223154	42.707	ng		98
32) Benzoic acid	10.063	122	55340	47.233	ng		92
34) Hexachlorobutadiene	11.073	225	75313	43.733	ng		97
35) Caprolactam	11.672	113	23050m	40.776	ng		
36) 4-Chloro-3-methylphenol	12.031	107	95111	45.950	ng		97
37) 2-Methylnaphthalene	12.395	142	177905	43.303	ng		100
38) 1-Methylnaphthalene	12.612	142	167847	43.780	ng		97
40) 1,2,4,5-Tetrachloroben...	12.765	216	139260	46.115	ng		99
41) Hexachlorocyclopentadiene	12.742	237	157611	88.701	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	92510	46.603	ng		94
44) 2,4,5-Trichlorophenol	13.083	196	105135	44.773	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061054.D
 Acq On : 29 Apr 2024 19:49
 Operator : MA/JU
 Sample : P2230-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SOILMS

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Apr 30 01:22:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.406	154	261107	45.617	ng	97
47) 2-Chloronaphthalene	13.447	162	207031	47.174	ng	97
48) 2-Nitroaniline	13.647	65	78247	44.177	ng	95
49) Acenaphthylene	14.293	152	340627	46.085	ng	98
50) Dimethylphthalate	14.028	163	314106	44.826	ng	98
51) 2,6-Dinitrotoluene	14.146	165	63291	43.288	ng	99
52) Acenaphthene	14.634	154	193748	43.140	ng	97
53) 3-Nitroaniline	14.475	138	21914	15.200	ng	97
54) 2,4-Dinitrophenol	14.687	184	95733	99.077	ng	96
55) Dibenzofuran	14.969	168	337576	43.528	ng	97
56) 4-Nitrophenol	14.804	139	88920	86.091	ng	99
57) 2,4-Dinitrotoluene	14.939	165	92844	44.090	ng	96
58) Fluorene	15.621	166	287026	43.848	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.198	232	136270	57.499	ng	100
60) Diethylphthalate	15.397	149	303294	43.951	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	171103	42.382	ng	96
62) 4-Nitroaniline	15.638	138	51654	33.228	ng	96
63) Azobenzene	15.909	77	240446	42.838	ng	98
65) 4,6-Dinitro-2-methylph...	15.703	198	63669	50.174	ng	98
66) n-Nitrosodiphenylamine	15.826	169	263240	46.493	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	125831	46.394	ng	98
68) Hexachlorobenzene	16.625	284	149929	50.045	ng	98
69) Atrazine	16.784	200	102032	48.149	ng	97
70) Pentachlorophenol	16.984	266	925820	471.280	ng	97
71) Phenanthrene	17.366	178	476550	45.429	ng	98
72) Anthracene	17.454	178	481001	44.522	ng	100
73) Carbazole	17.718	167	403887	45.013	ng	99
74) Di-n-butylphthalate	18.288	149	483769	44.409	ng	99
75) Fluoranthene	19.375	202	612019	43.962	ng	99
78) Pyrene	19.734	202	629423	43.381	ng	99
80) Butylbenzylphthalate	20.627	149	215530	44.567	ng	98
81) Benzo(a)anthracene	21.561	228	673801	44.975	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	52126	9.627	ng	98
83) Chrysene	21.625	228	632393	44.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.479	149	303127	43.113	ng	99
85) Di-n-octyl phthalate	22.665	149	517390	44.323	ng	99
87) Indeno(1,2,3-cd)pyrene	28.259	276	842915	48.980	ng	99
88) Benzo(b)fluoranthene	23.711	252	664222	47.247	ng	99
89) Benzo(k)fluoranthene	23.782	252	653767	46.066	ng	98
90) Benzo(a)pyrene	24.557	252	610626	44.874	ng	99
91) Dibenzo(a,h)anthracene	28.318	278	687460	48.894	ng	98
92) Benzo(g,h,i)perylene	29.363	276	642833	46.110	ng	100

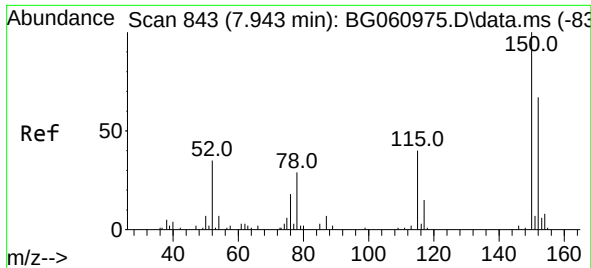
04/30/2024

Supervised By :mohammad

ahmed

05/03/2024

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



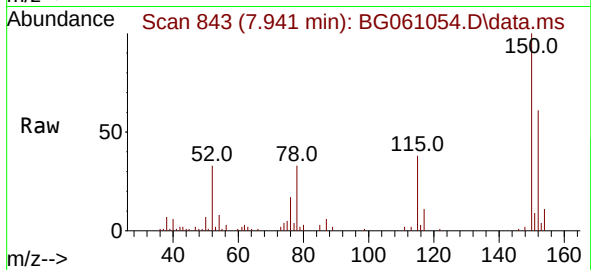
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

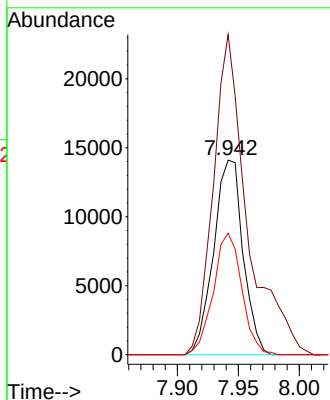
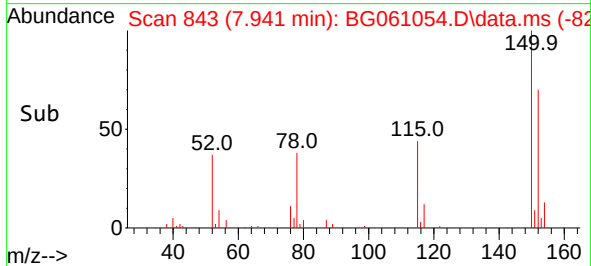
SOILMS



Tgt Ion:152 Resp: 2373
Ion Ratio Lower Upper
152 100
150 164.5 118.6 178.0
115 62.4 47.4 71.0

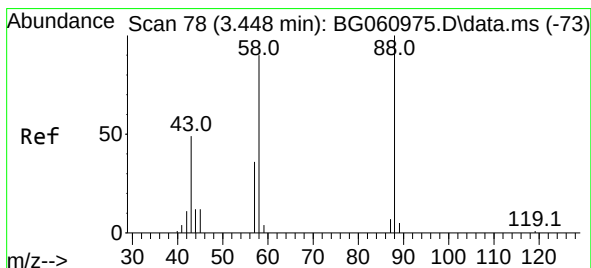
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

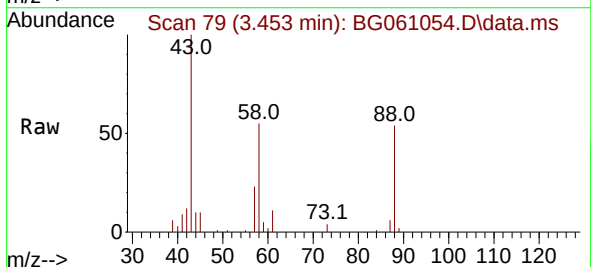


04/30/2024
Supervised By :mohammad
ahmed

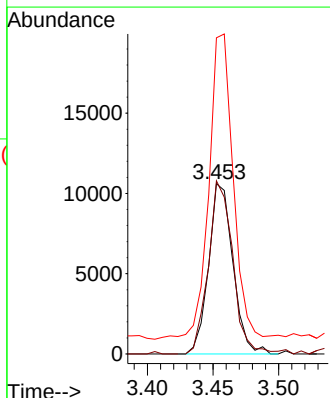
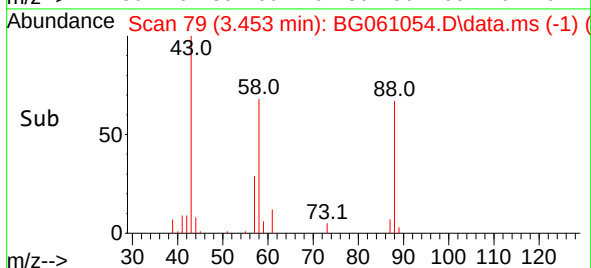
05/03/2024

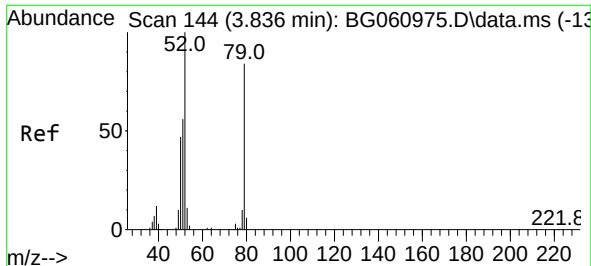


#2
1,4-Dioxane
Concen: 33.610 ng
RT: 3.453 min Scan# 79
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



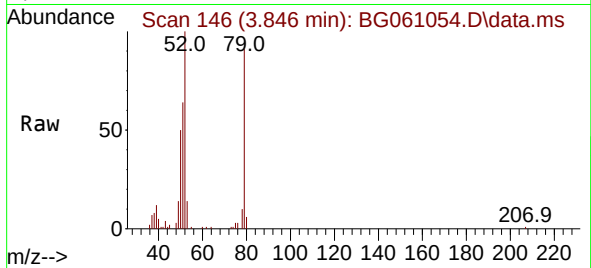
Tgt Ion: 88 Resp: 13649
Ion Ratio Lower Upper
88 100
58 102.8 80.2 120.2
43 179.7 43.4 65.0#





#3
Pyridine
Concen: 24.563 ng
RT: 3.846 min Scan# 144
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

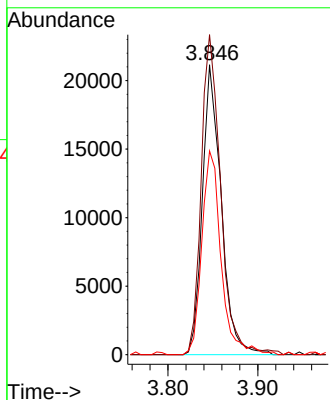
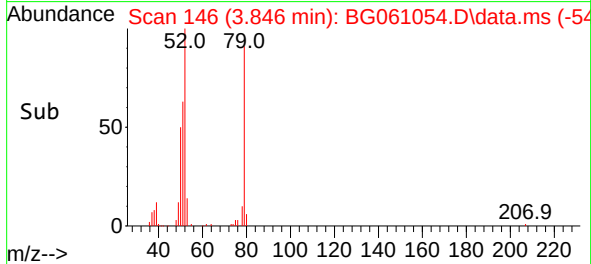
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 79 Resp: 3083
Ion Ratio Lower Upper
79 100
52 110.4 95.0 142.6
51 70.3 53.3 79.9

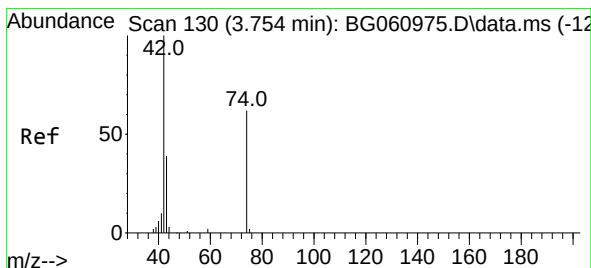
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

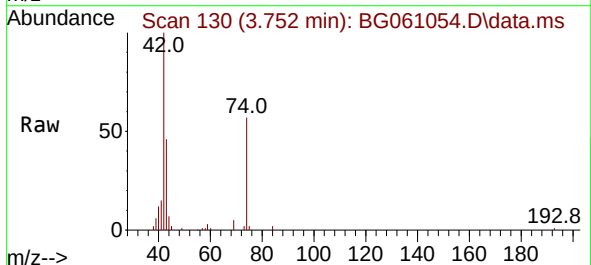


04/30/2024
Supervised By :mohammad
ahmed

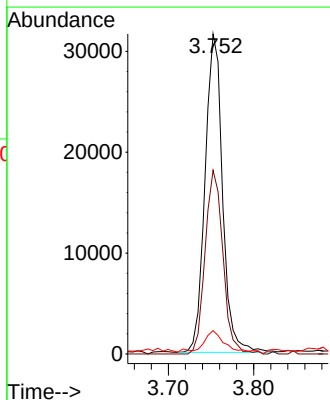
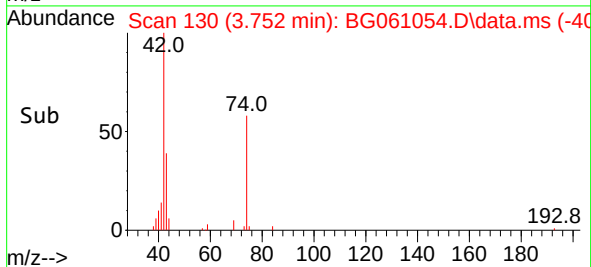
05/03/2024

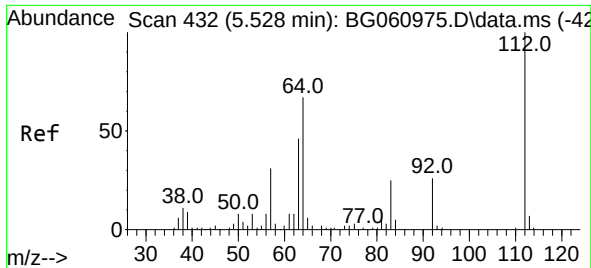


#4
n-Nitrosodimethylamine
Concen: 39.956 ng
RT: 3.752 min Scan# 130
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion: 42 Resp: 45110
Ion Ratio Lower Upper
42 100
74 57.4 49.8 74.6
44 7.3 3.8 5.6#





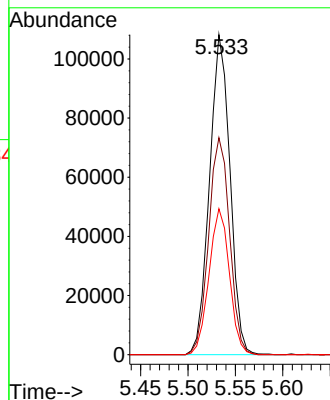
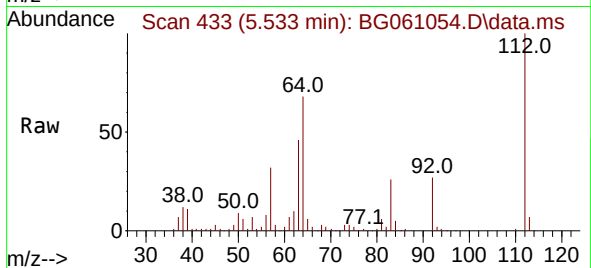
#5
2-Fluorophenol
Concen: 138.285 ng
RT: 5.533 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:112 Resp: 162264
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 45.6 37.0 55.6

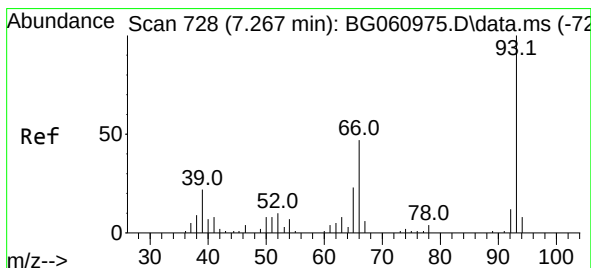
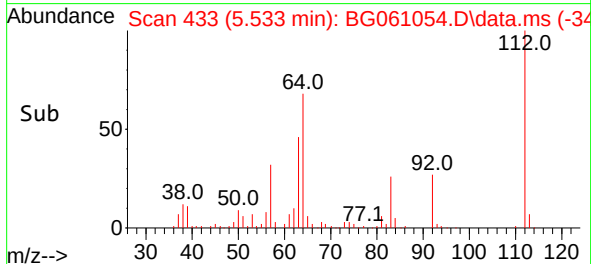
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



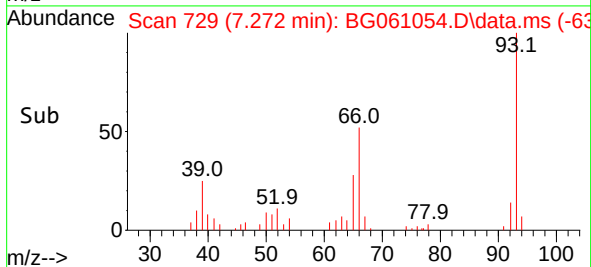
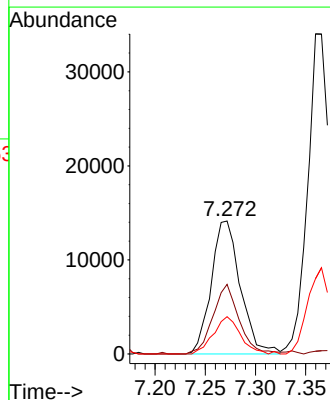
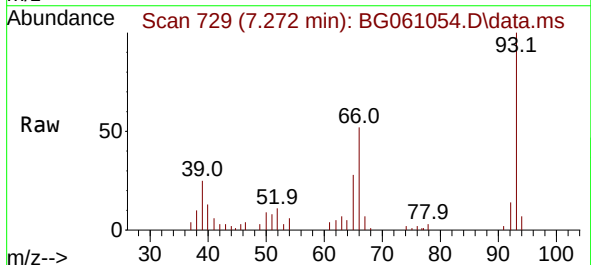
04/30/2024
Supervised By :mohammad
ahmed

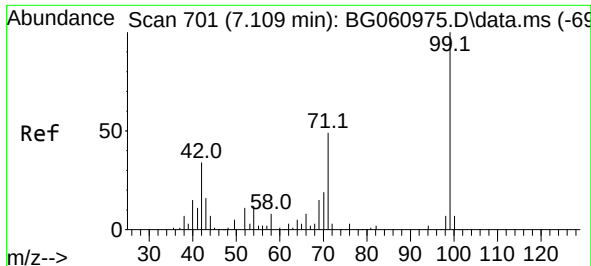
05/03/2024



#6
Aniline
Concen: 13.651 ng
RT: 7.272 min Scan# 729
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

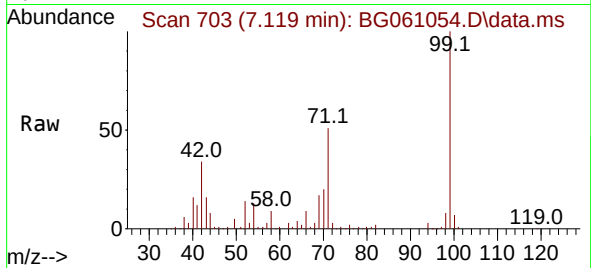
Tgt Ion: 93 Resp: 28564
Ion Ratio Lower Upper
93 100
66 52.4 37.9 56.9
65 28.1 18.2 27.4#





#7
Phenol-d6
Concen: 118.076 ng
RT: 7.119 min Scan# 701
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

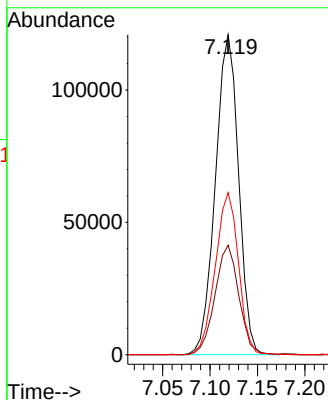
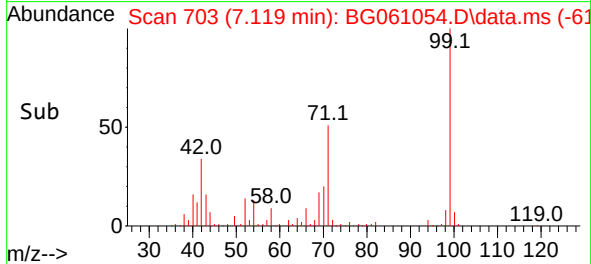
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 99 Resp: 205572
Ion Ratio Lower Upper
99 100
42 34.2 27.2 40.8
71 50.6 38.8 58.2

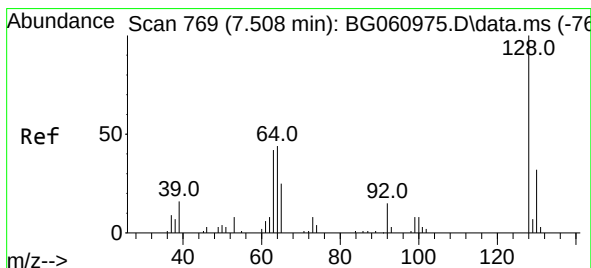
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

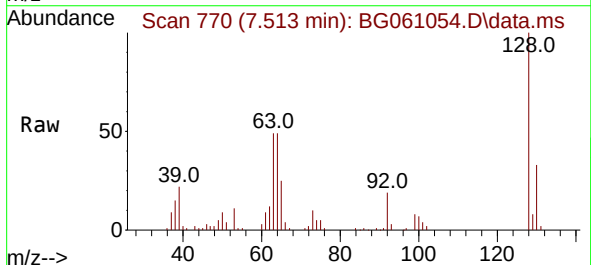


04/30/2024
Supervised By :mohammad
ahmed

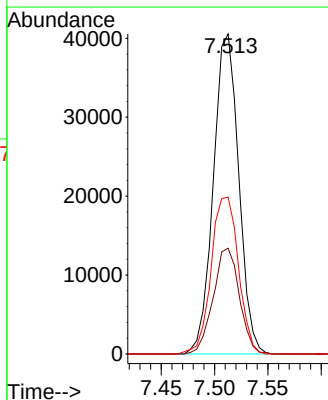
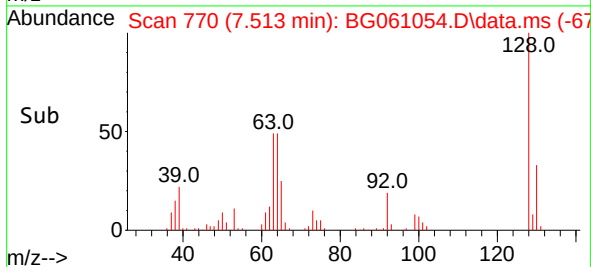
05/03/2024

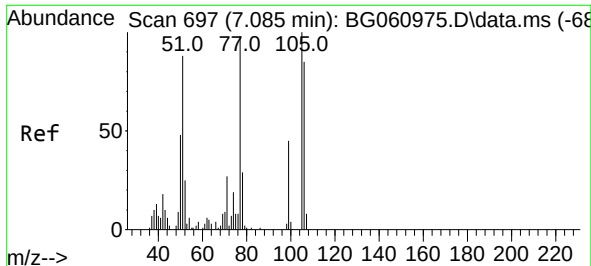


#8
2-Chlorophenol
Concen: 45.782 ng
RT: 7.513 min Scan# 770
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



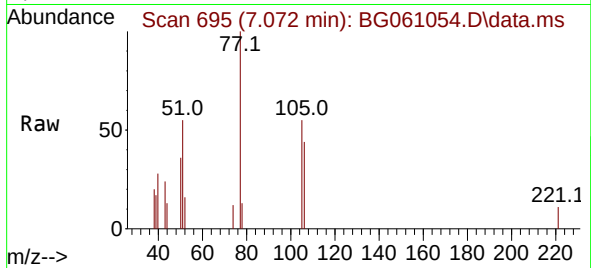
Tgt Ion:128 Resp: 66936
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 49.0 30.8 70.8





#9
Benzaldehyde
Concen: 2.210 ng
RT: 7.072 min Scan# 697
Delta R.T. -0.013 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

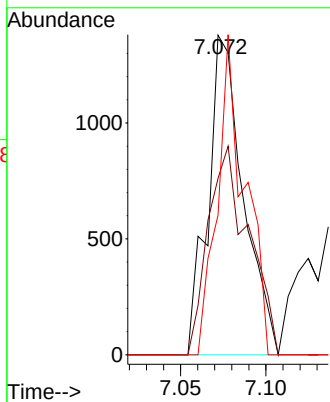
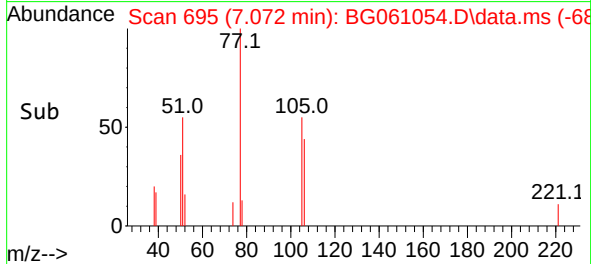


Tgt Ion: 77 Resp: 1979

Ion	Ratio	Lower	Upper
77	100		
105	55.2	81.7	121.7
106	43.7	66.7	106.7

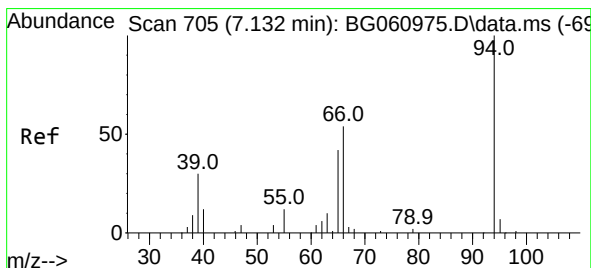
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

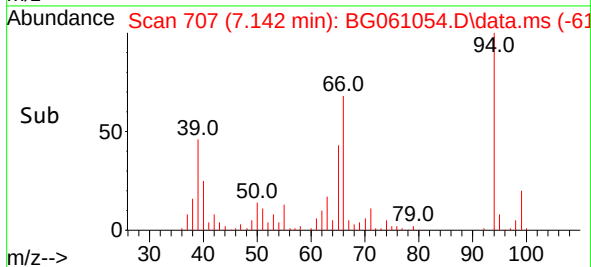
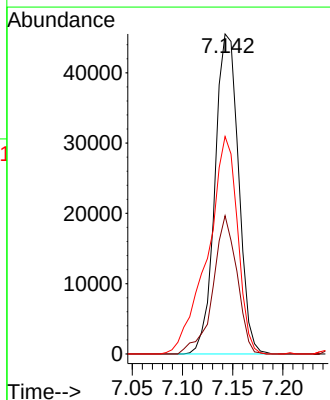
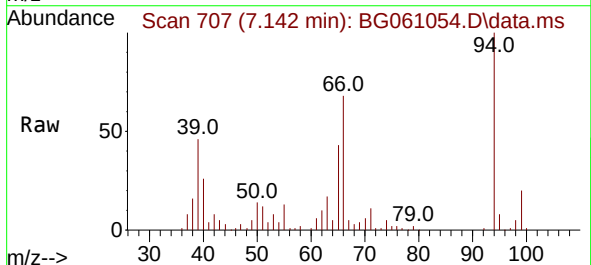
05/03/2024

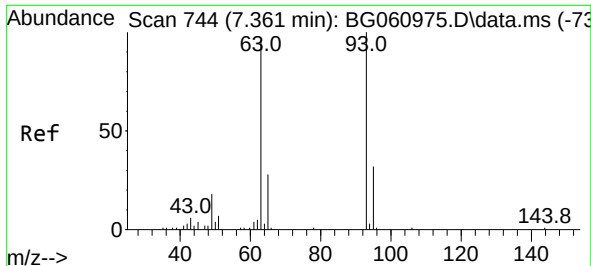


#10
Phenol
Concen: 42.861 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion: 94 Resp: 74139

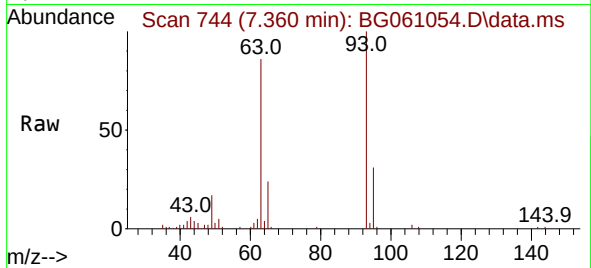
Ion	Ratio	Lower	Upper
94	100		
65	43.2	23.1	63.1
66	68.0	38.0	78.0





#11
bis(2-Chloroethyl)ether
Concen: 42.462 ng
RT: 7.360 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

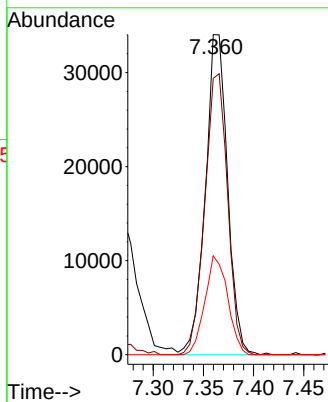
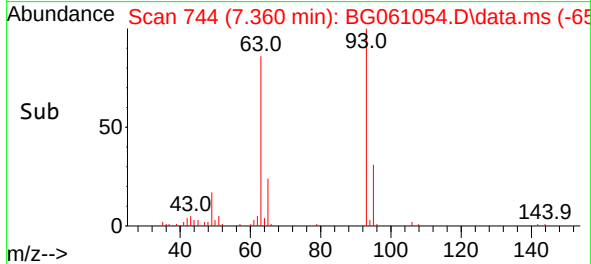
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 93 Resp: 52549
Ion Ratio Lower Upper
93 100
63 86.3 75.6 115.6
95 30.9 12.1 52.1

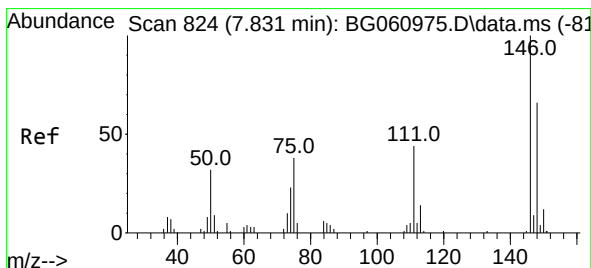
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

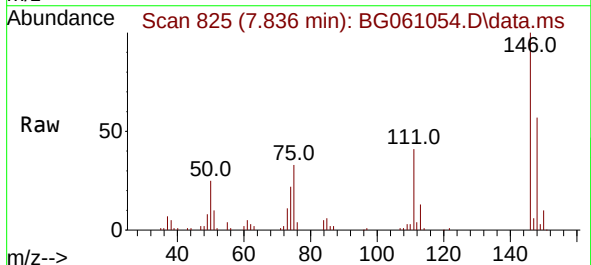


04/30/2024
Supervised By :mohammad
ahmed

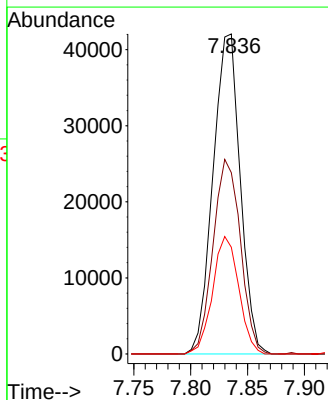
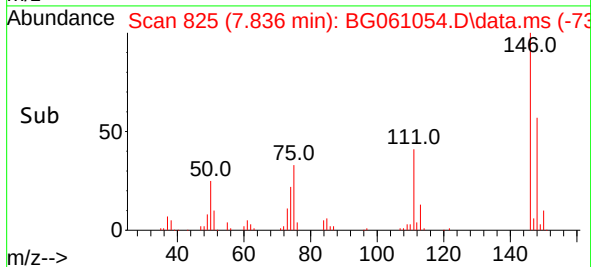
05/03/2024

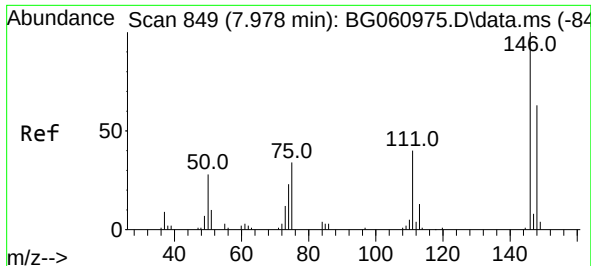


#12
1,3-Dichlorobenzene
Concen: 43.223 ng
RT: 7.836 min Scan# 825
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:146 Resp: 70079
Ion Ratio Lower Upper
146 100
148 56.6 52.7 79.1
75 33.4 30.1 45.1





#13
1,4-Dichlorobenzene
Concen: 41.895 ng
RT: 7.977 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

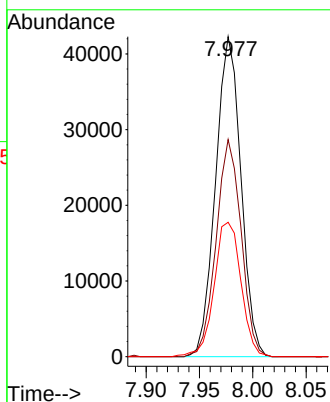
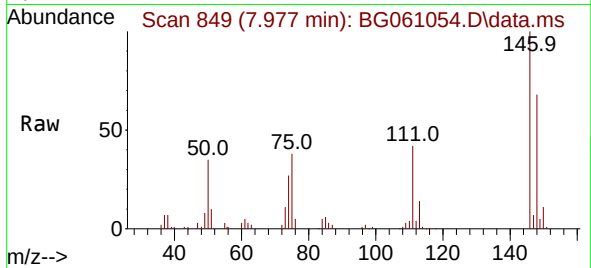
ClientSampleId :

SOILMS

Tgt Ion:146 Resp: 6996
Ion Ratio Lower Upper
146 100
148 67.9 50.4 75.6
111 42.0 32.7 49.1

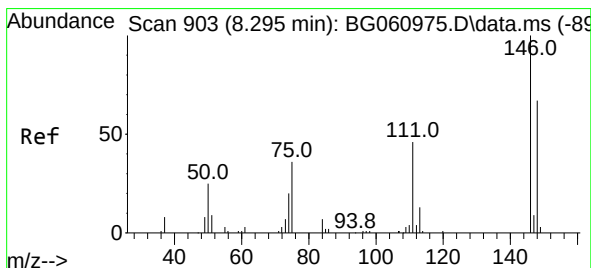
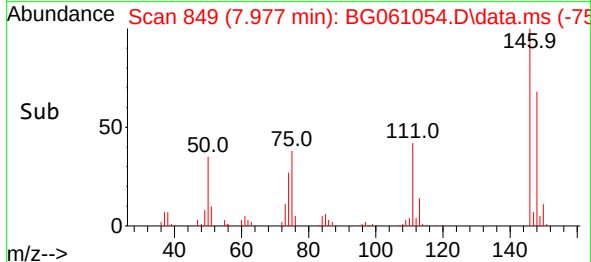
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



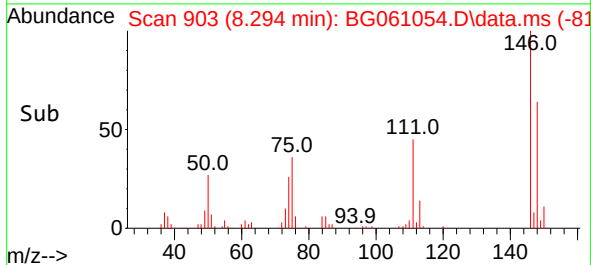
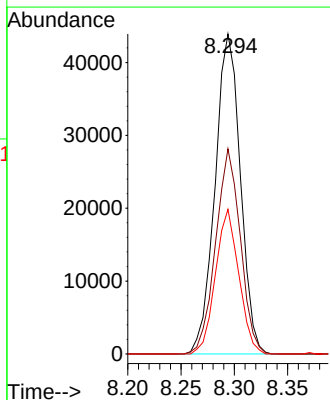
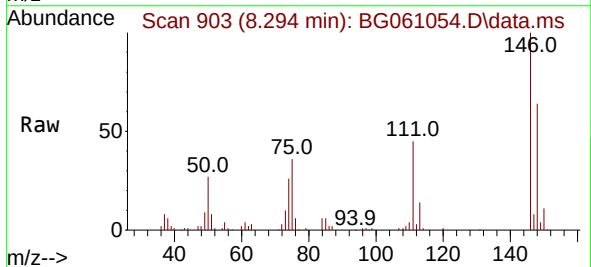
04/30/2024
Supervised By :mohammad
ahmed

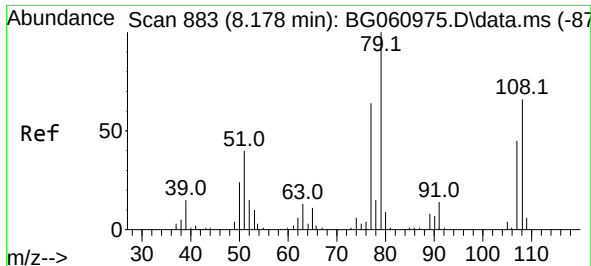
05/03/2024



#14
1,2-Dichlorobenzene
Concen: 44.379 ng
RT: 8.294 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:146 Resp: 72433
Ion Ratio Lower Upper
146 100
148 64.1 53.8 80.8
111 45.2 38.2 57.2





#15
Benzyl Alcohol
Concen: 46.211 ng
RT: 8.177 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

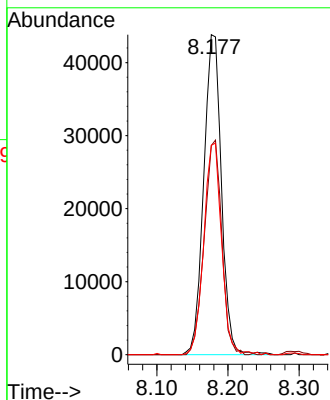
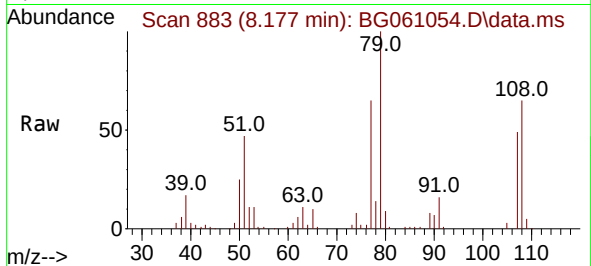
ClientSampleId :

SOILMS

Tgt Ion: 79 Resp: 75962
Ion Ratio Lower Upper
79 100
108 65.4 53.0 79.6
77 65.5 51.4 77.0

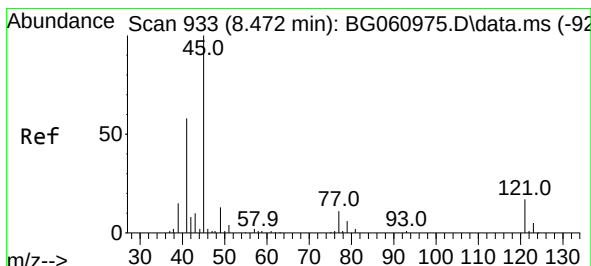
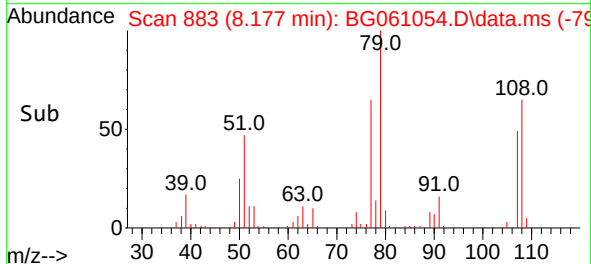
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



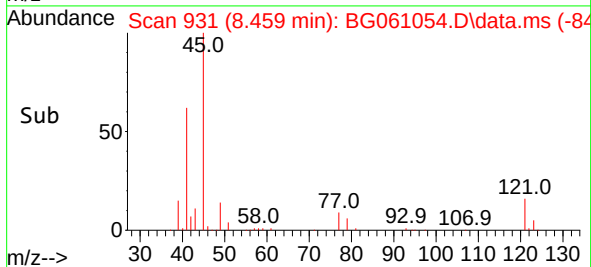
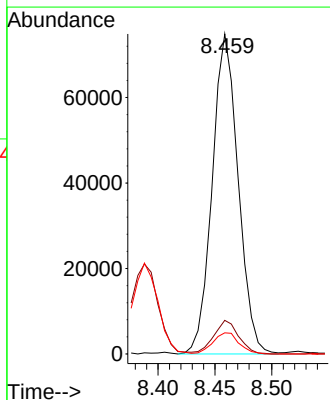
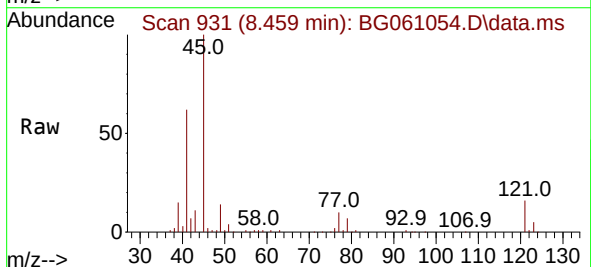
04/30/2024
Supervised By :mohammad
ahmed

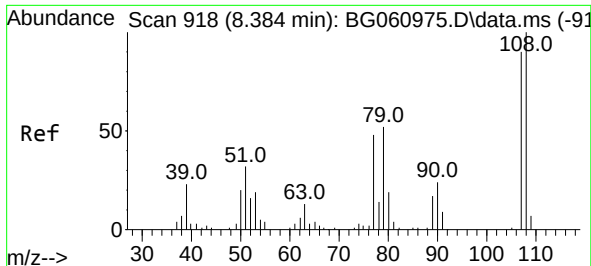
05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.146 ng
RT: 8.459 min Scan# 931
Delta R.T. -0.013 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion: 45 Resp: 118927
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.6
79 6.6 0.0 26.6





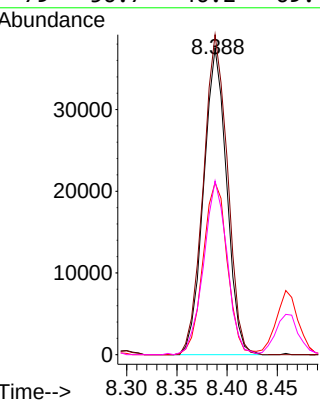
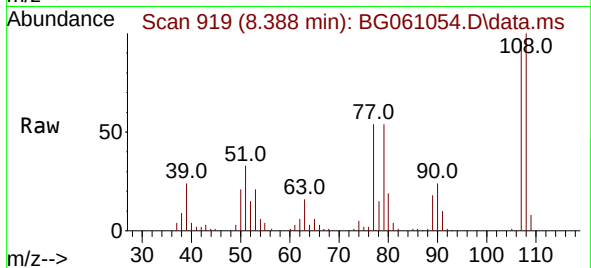
#17
2-Methylphenol
Concen: 42.840 ng
RT: 8.388 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:107	Resp: 5983
Ion Ratio	Lower Upper
107 100	
108 104.3	89.2 133.8
77 56.1	43.0 64.6
79 56.7	46.2 69.4

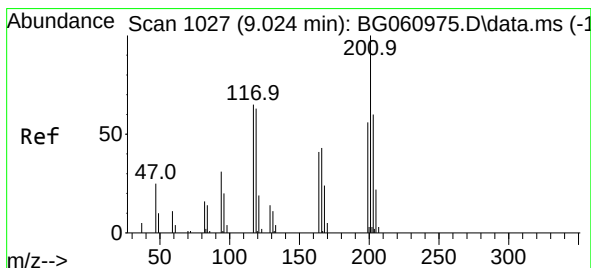
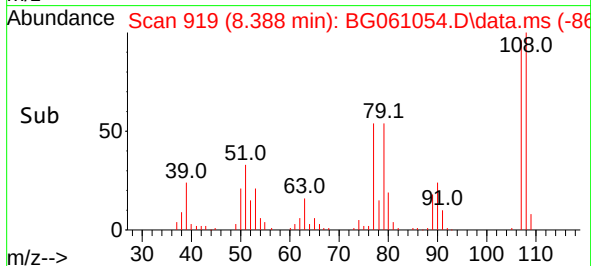
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



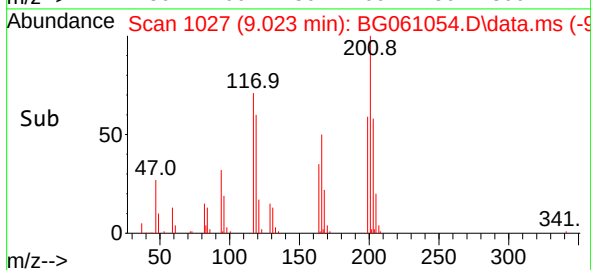
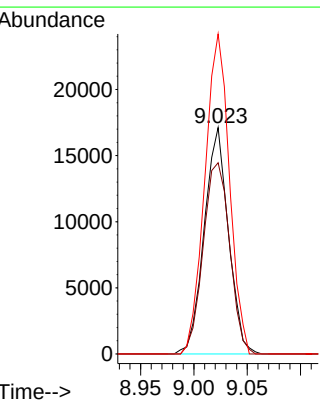
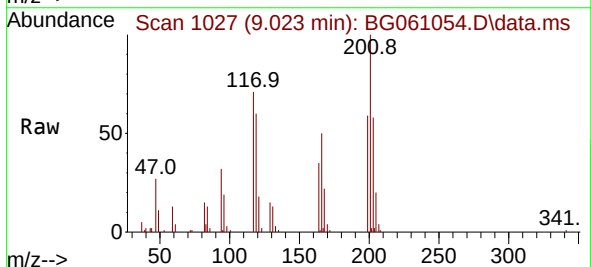
04/30/2024
Supervised By :mohammad
ahmed

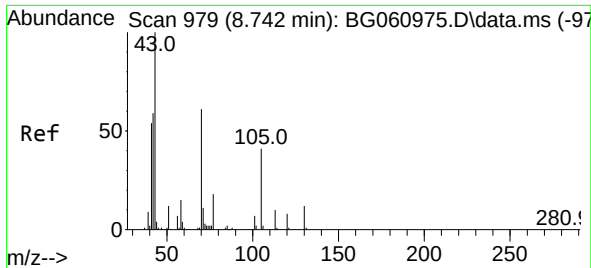
05/03/2024



#18
Hexachloroethane
Concen: 44.927 ng
RT: 9.023 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

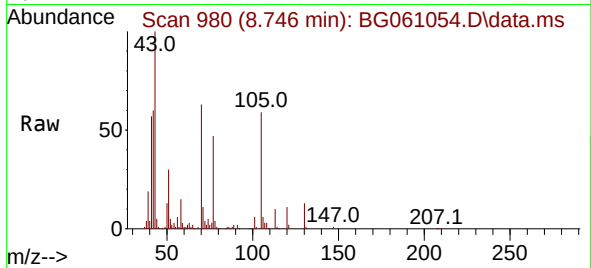
Tgt Ion:117	Resp: 27036
Ion Ratio	Lower Upper
117 100	
119 84.5	79.8 119.8
201 144.6	124.0 186.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.485 ng
RT: 8.746 min Scan# 979
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

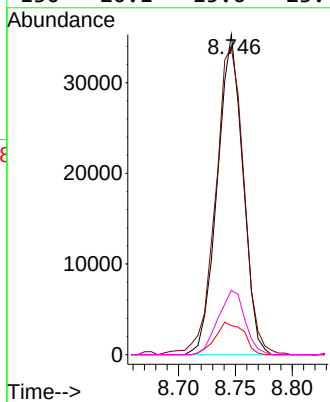
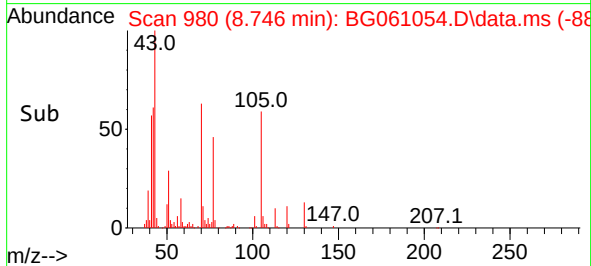
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 70 Resp: 55124
Ion Ratio Lower Upper
70 100
42 96.1 78.0 117.0
101 9.1 8.6 13.0
130 20.1 15.6 23.4

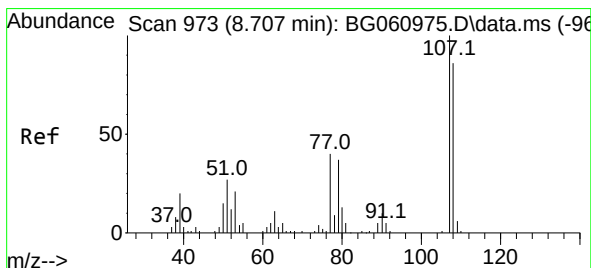
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

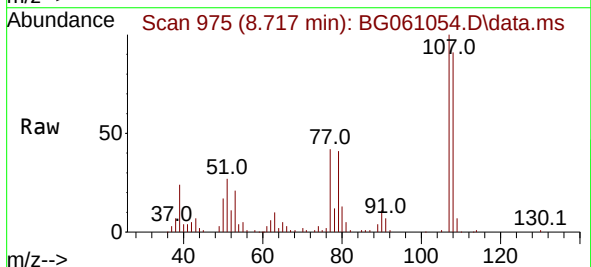


04/30/2024
Supervised By :mohammad
ahmed

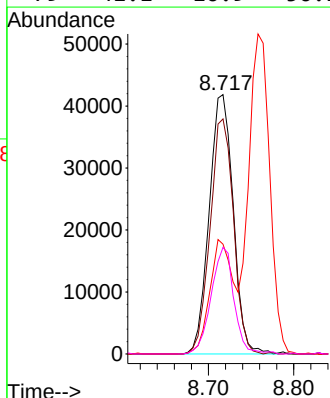
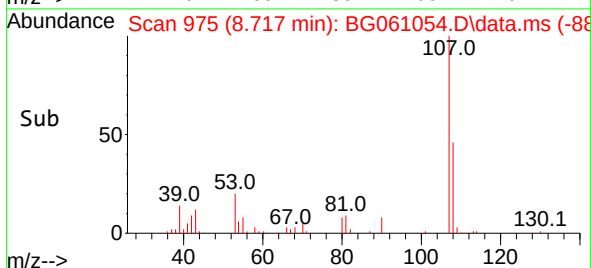
05/03/2024

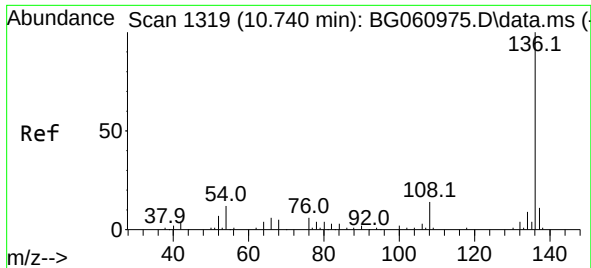


#20
3+4-Methylphenols
Concen: 41.907 ng
RT: 8.717 min Scan# 975
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:107 Resp: 81856
Ion Ratio Lower Upper
107 100
108 90.7 66.5 106.5
77 42.3 19.9 59.9
79 41.1 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

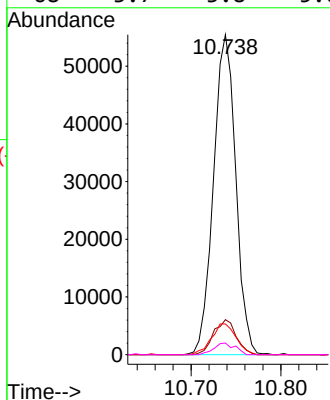
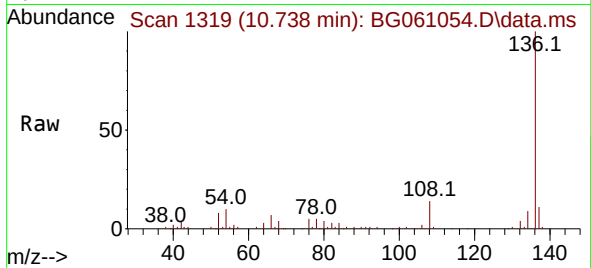
ClientSampleId :

SOILMS

Tgt Ion:136 Resp: 9544
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.6 9.4 14.0
68 3.7 3.8 5.6#

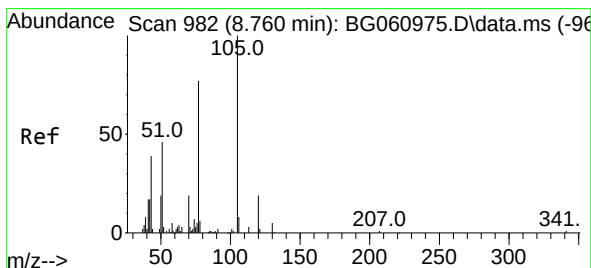
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



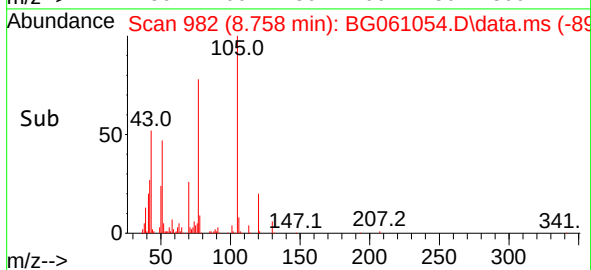
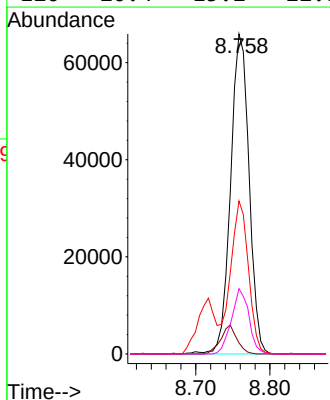
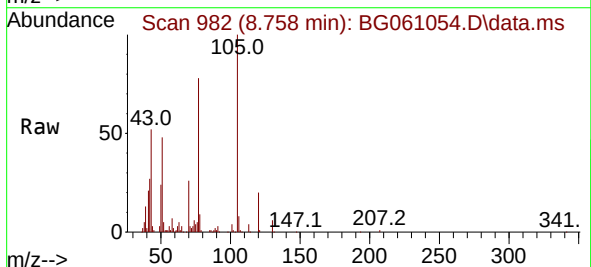
04/30/2024
Supervised By :mohammad
ahmed

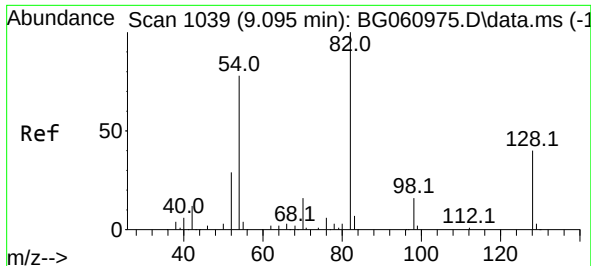
05/03/2024



#22
Acetophenone
Concen: 42.755 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:105 Resp: 113945
Ion Ratio Lower Upper
105 100
71 3.4 2.5 3.7
51 47.8 37.8 56.6
120 20.4 15.2 22.8





#23

Nitrobenzene-d5

Concen: 80.999 ng

RT: 9.099 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

Tgt Ion: 82 Resp: 17206

Ion Ratio Lower Upper

82 100

128 40.8 32.1 48.1

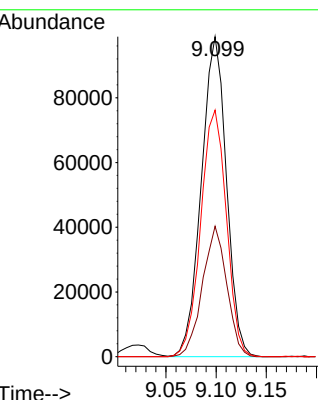
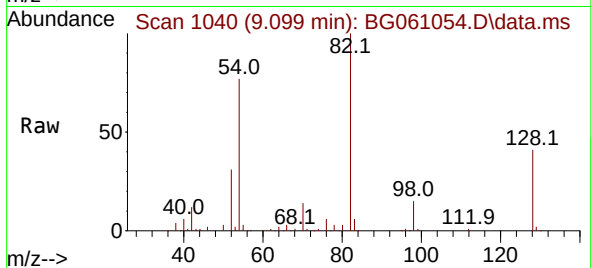
54 77.0 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

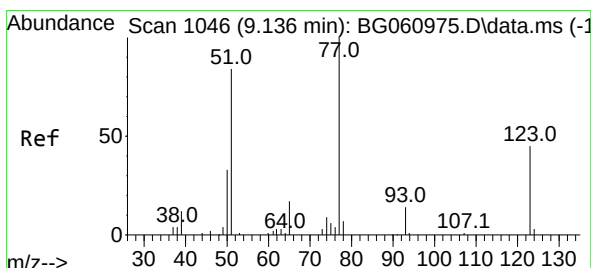
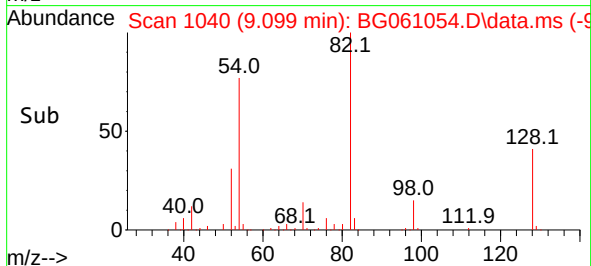


04/30/2024

Supervised By :mohammad

ahmed

05/03/2024



#24

Nitrobenzene

Concen: 41.119 ng

RT: 9.140 min Scan# 1047

Delta R.T. 0.004 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

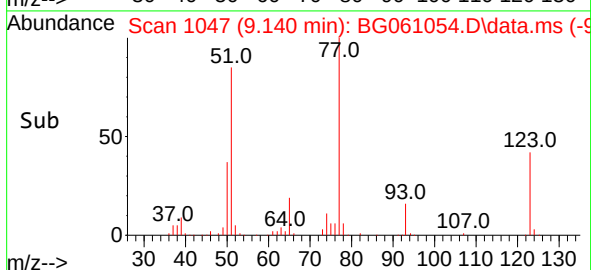
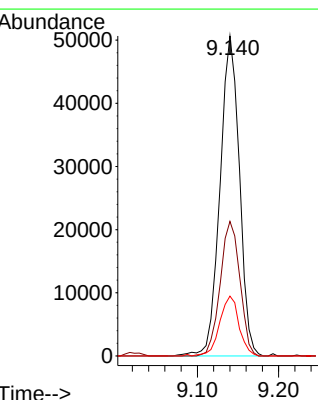
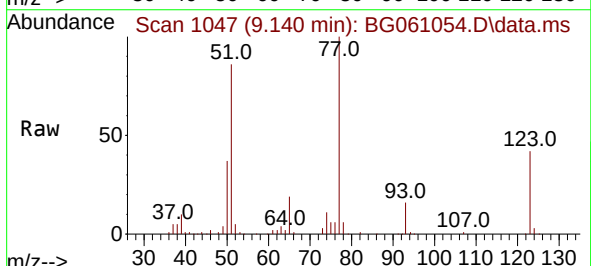
Tgt Ion: 77 Resp: 83936

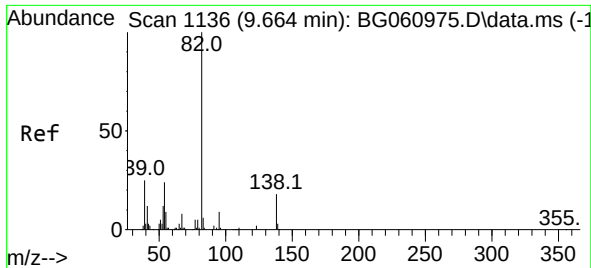
Ion Ratio Lower Upper

77 100

123 42.0 35.9 53.9

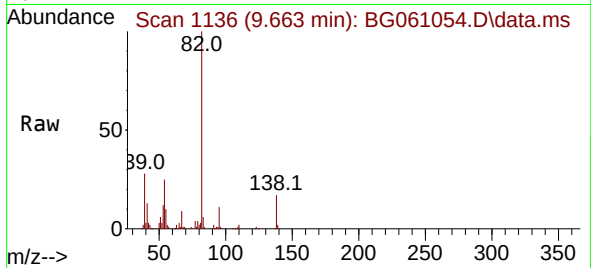
65 18.7 13.3 19.9





#25
Isophorone
Concen: 45.207 ng
RT: 9.663 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

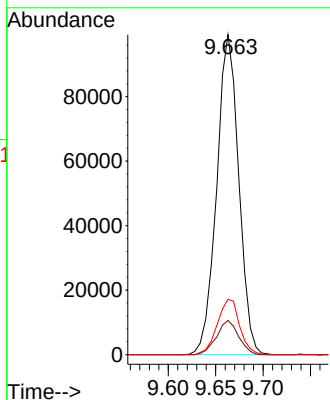
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 82 Resp: 16071
Ion Ratio Lower Upper
82 100
95 10.7 7.6 11.4
138 17.3 14.2 21.2

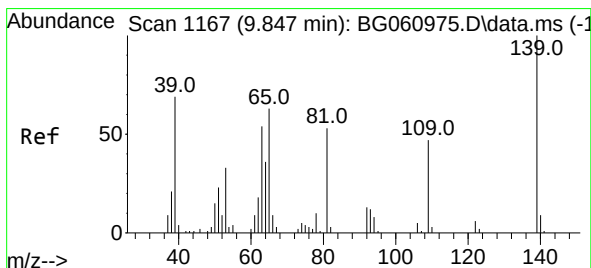
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



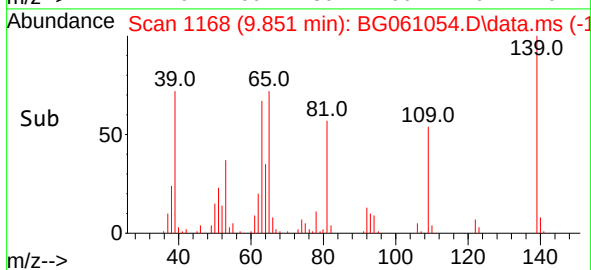
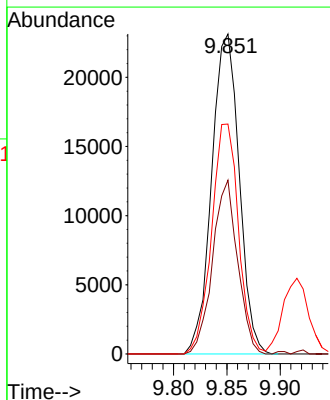
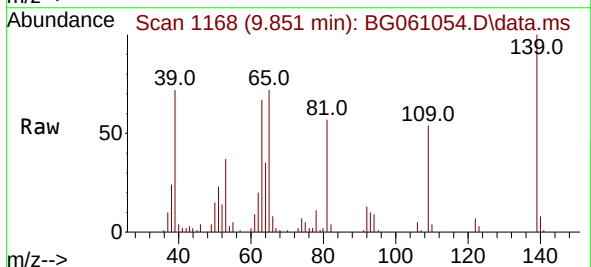
04/30/2024
Supervised By :mohammad
ahmed

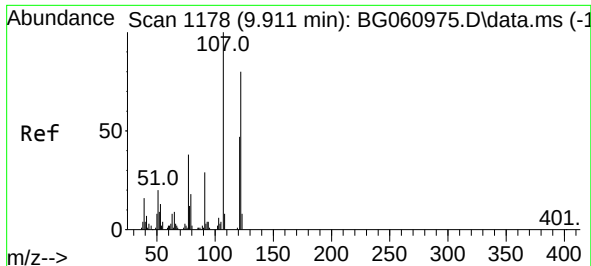
05/03/2024



#26
2-Nitrophenol
Concen: 43.228 ng
RT: 9.851 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:139 Resp: 41472
Ion Ratio Lower Upper
139 100
109 54.3 37.4 56.2
65 71.9 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 37.794 ng

RT: 9.916 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

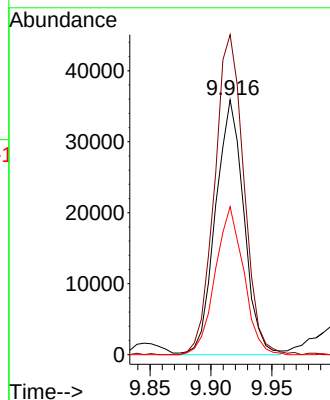
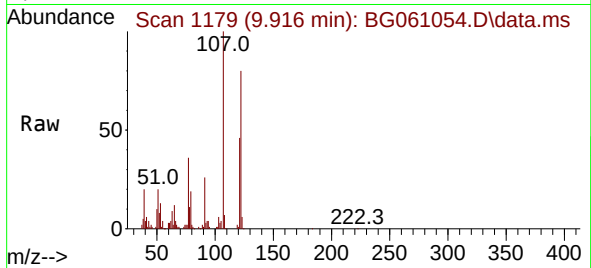
SOILMS

Tgt Ion:	122	Resp:	58110
Ion	Ratio	Lower	Upper
122	100		
107	125.6	98.7	148.1
121	58.1	46.3	69.5

Manual Integrations

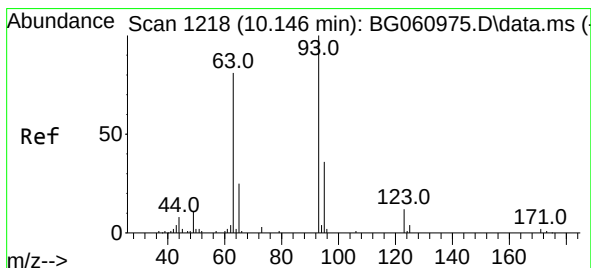
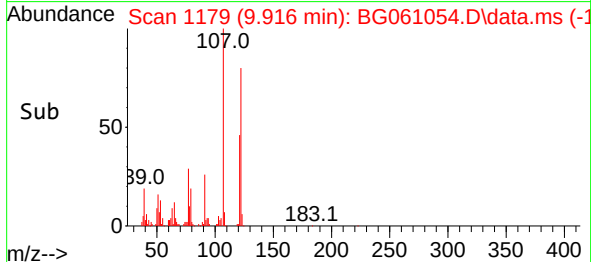
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.659 ng

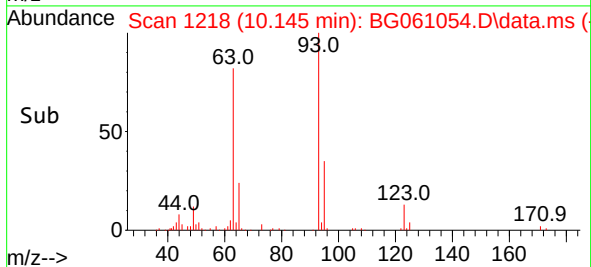
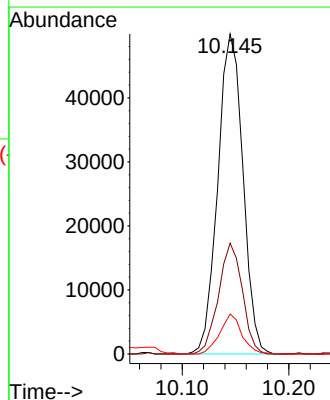
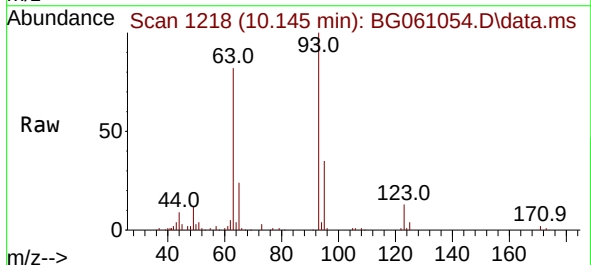
RT: 10.145 min Scan# 1218

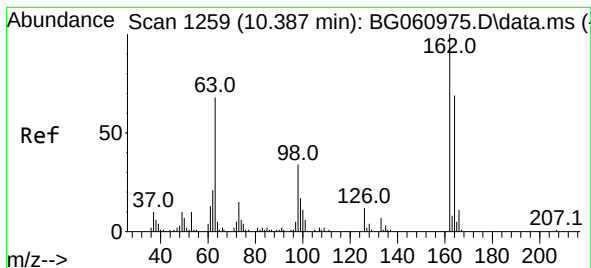
Delta R.T. -0.001 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

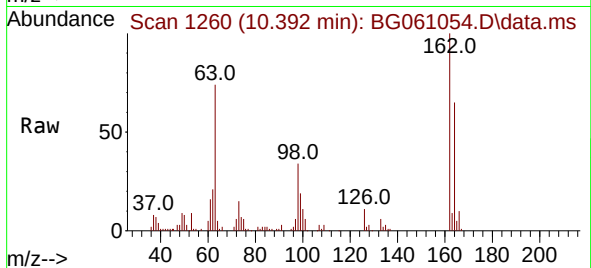
Tgt Ion:	93	Resp:	81650
Ion	Ratio	Lower	Upper
93	100		
95	34.6	28.8	43.2
123	12.5	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 46.822 ng
RT: 10.392 min Scan# 1259
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

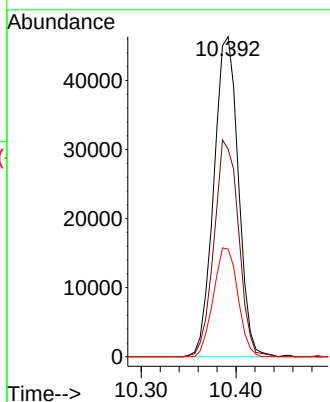
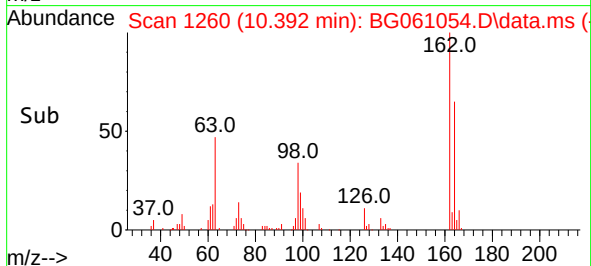
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:162 Resp: 8309
Ion Ratio Lower Upper
162 100
164 64.8 49.0 89.0
98 33.6 14.3 54.3

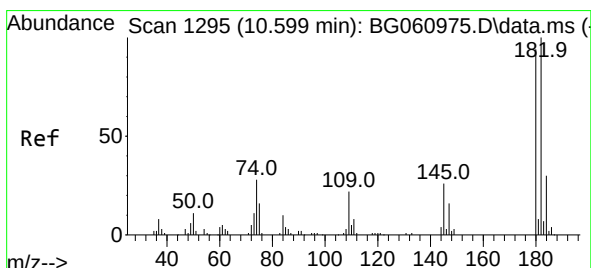
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

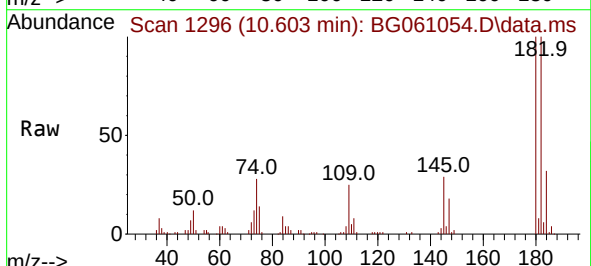


04/30/2024
Supervised By :mohammad
ahmed

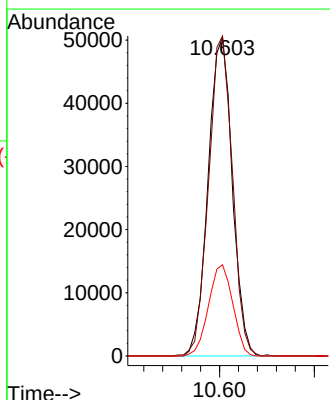
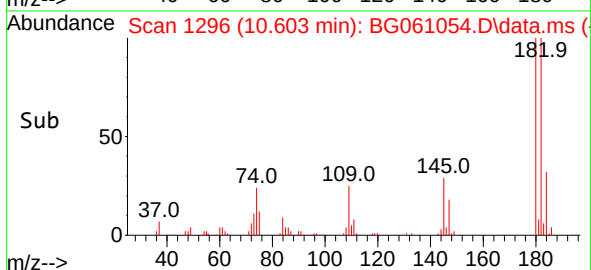
05/03/2024

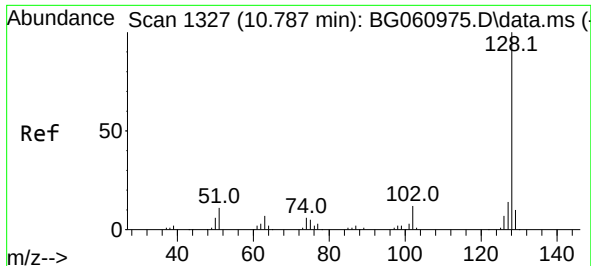


#30
1,2,4-Trichlorobenzene
Concen: 45.590 ng
RT: 10.603 min Scan# 1296
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



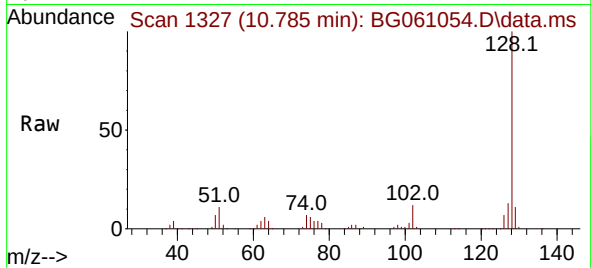
Tgt Ion:180 Resp: 89274
Ion Ratio Lower Upper
180 100
182 100.3 85.4 128.2
145 28.6 22.6 33.8





#31
Naphthalene
Concen: 42.707 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

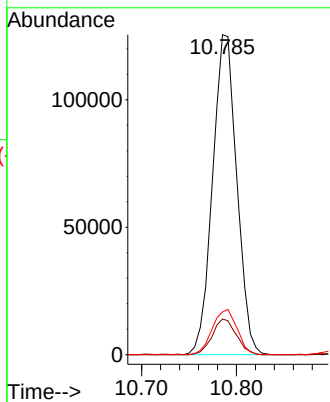
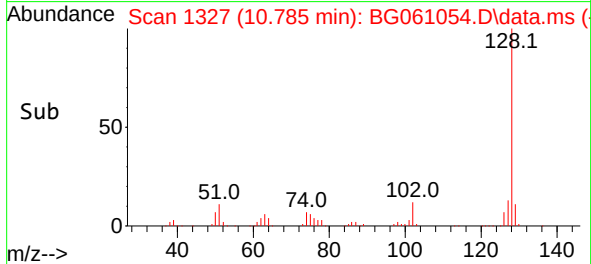
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:128 Resp: 223154
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 13.4 11.4 17.2

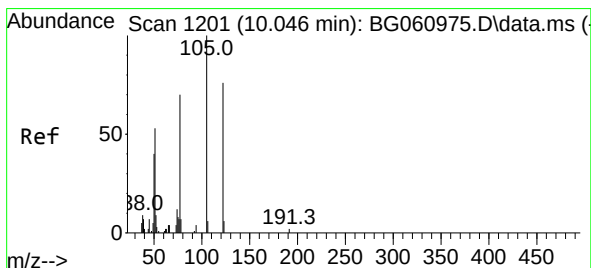
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



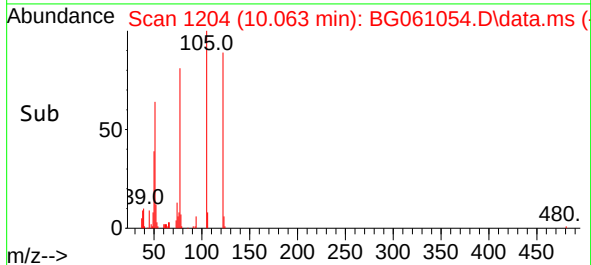
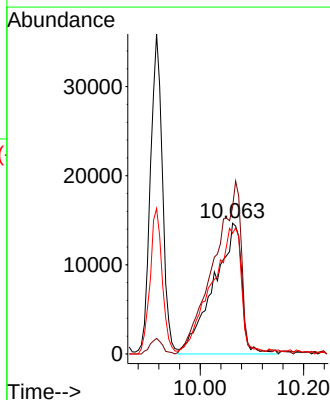
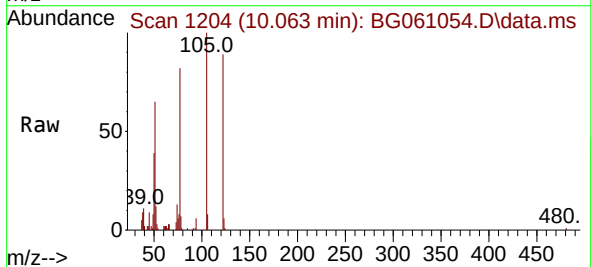
04/30/2024
Supervised By :mohammad
ahmed

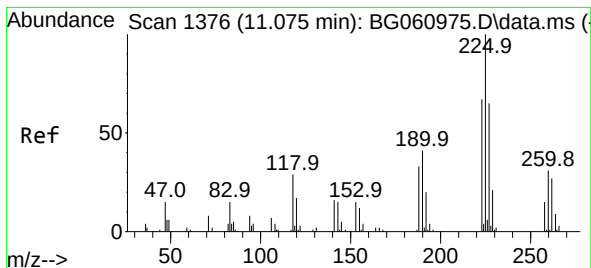
05/03/2024



#32
Benzoic acid
Concen: 47.233 ng
RT: 10.063 min Scan# 1204
Delta R.T. 0.016 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:122 Resp: 55340
Ion Ratio Lower Upper
122 100
105 112.3 106.2 146.2
77 92.3 70.1 110.1





#34
Hexachlorobutadiene
Concen: 43.733 ng
RT: 11.073 min Scan# 1107
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

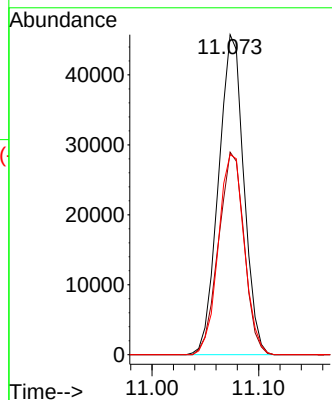
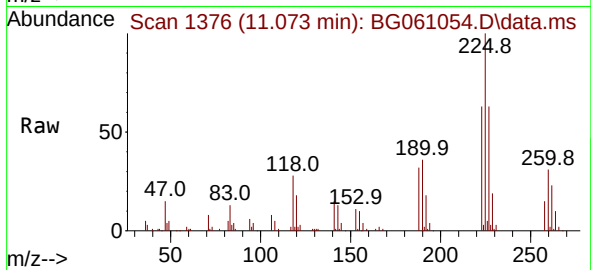
ClientSampleId :

SOILMS

Tgt Ion:225 Resp: 7531
Ion Ratio Lower Upper
225 100
223 63.3 53.2 79.8
227 62.5 51.9 77.9

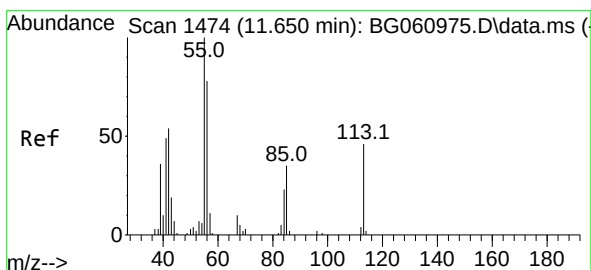
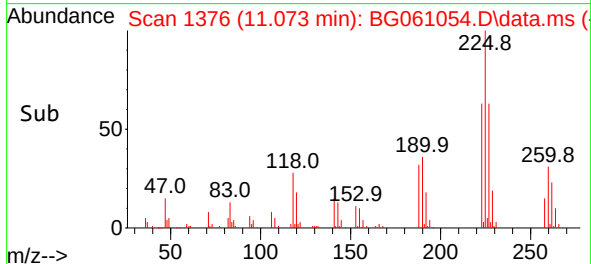
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



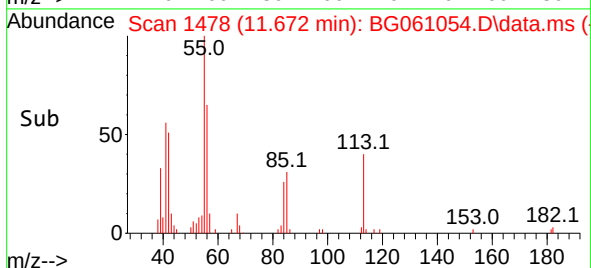
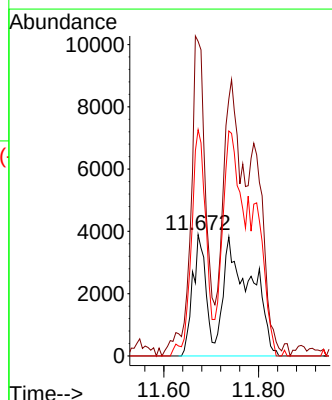
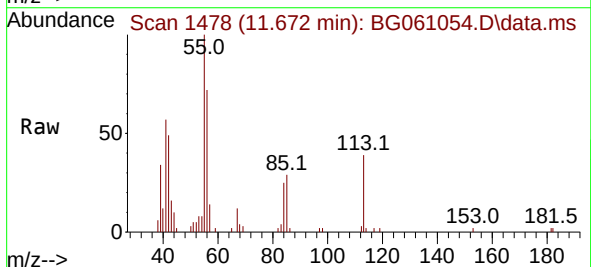
04/30/2024
Supervised By :mohammad
ahmed

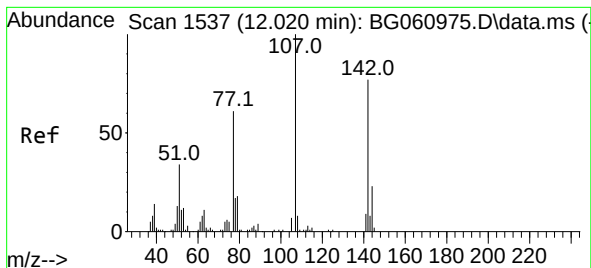
05/03/2024



#35
Caprolactam
Concen: 40.776 ng m
RT: 11.672 min Scan# 1478
Delta R.T. 0.022 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:113 Resp: 23050
Ion Ratio Lower Upper
113 100
55 259.2 197.9 237.9#
56 186.5 151.1 191.1





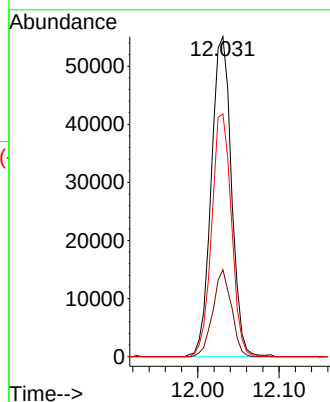
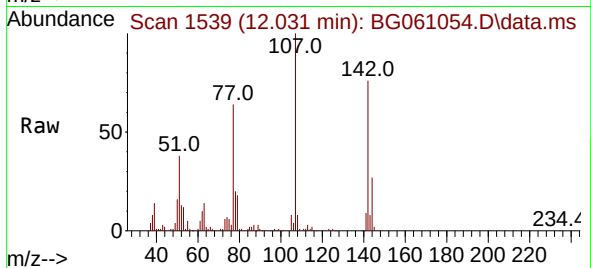
#36
4-Chloro-3-methylphenol
Concen: 45.950 ng
RT: 12.031 min Scan# 1539
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:107 Resp: 9511
Ion Ratio Lower Upper
107 100
144 27.1 18.5 27.7
142 75.8 61.4 92.0

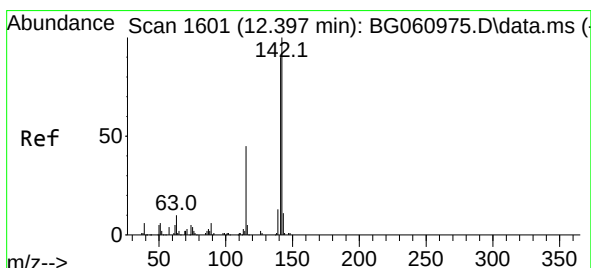
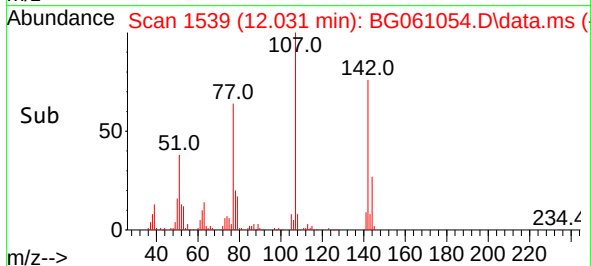
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



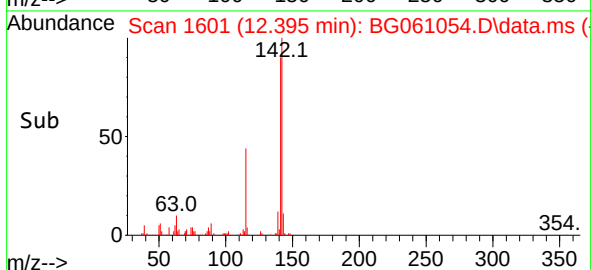
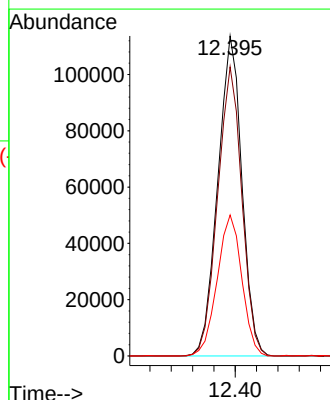
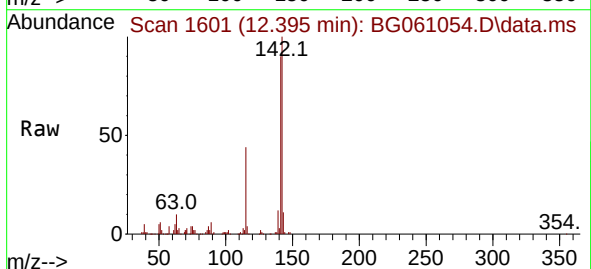
04/30/2024
Supervised By :mohammad
ahmed

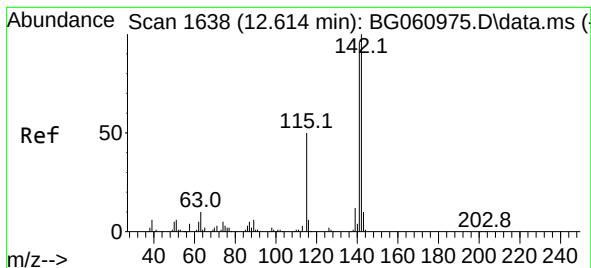
05/03/2024



#37
2-Methylnaphthalene
Concen: 43.303 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

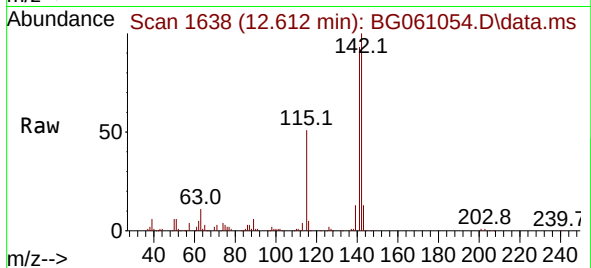
Tgt Ion:142 Resp: 177905
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.4
115 44.0 35.9 53.9





#38
1-Methylnaphthalene
Concen: 43.780 ng
RT: 12.612 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

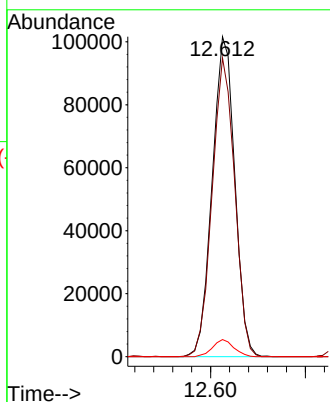
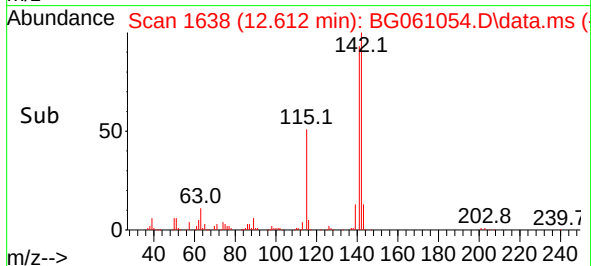
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:142 Resp: 16784
Ion Ratio Lower Upper
142 100
141 93.3 76.8 115.2
116 5.4 4.4 6.6

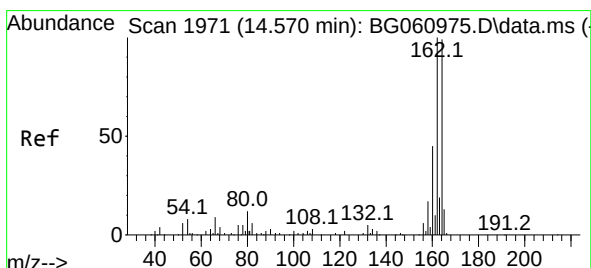
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

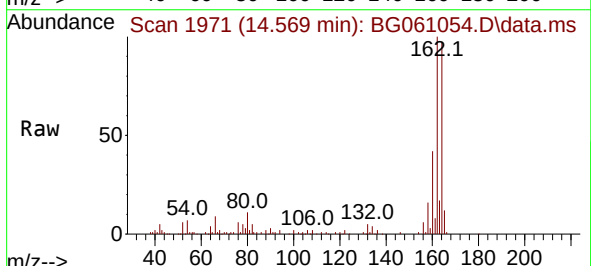


04/30/2024
Supervised By :mohammad
ahmed

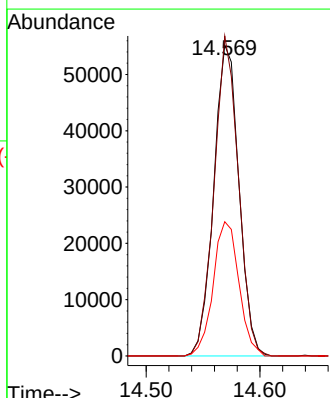
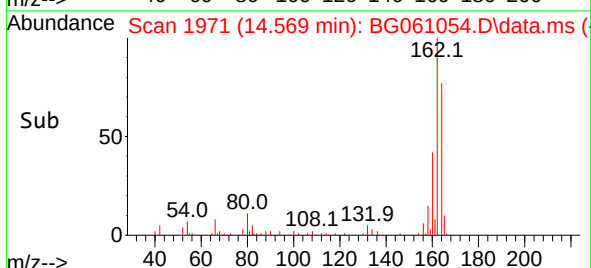
05/03/2024

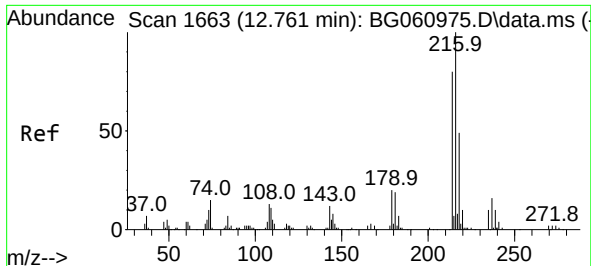


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



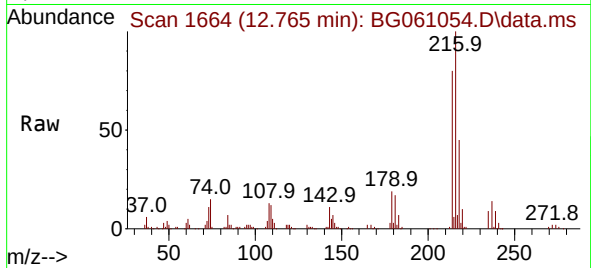
Tgt Ion:164 Resp: 84976
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 43.2 36.2 54.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.115 ng
RT: 12.765 min Scan# 1663
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

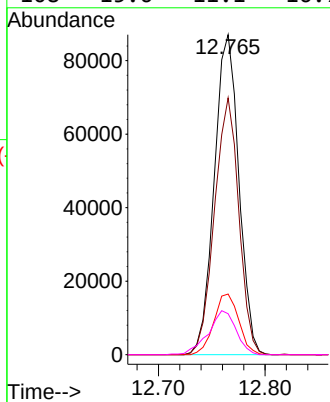
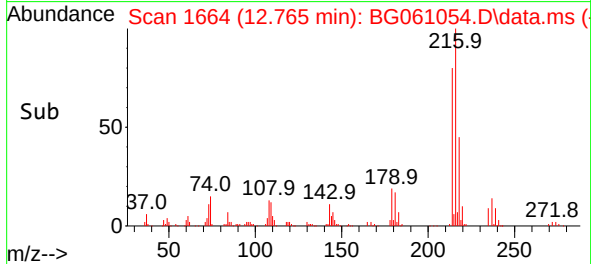
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:216 Resp: 139260
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 19.2 15.2 22.8
108 15.6 11.1 16.7

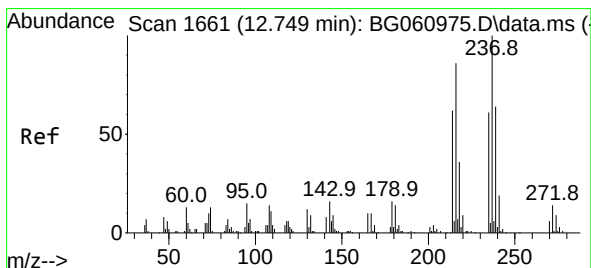
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

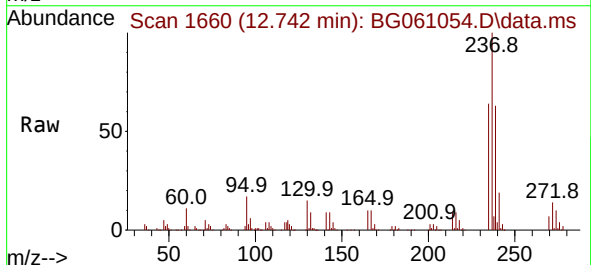


04/30/2024
Supervised By :mohammad
ahmed

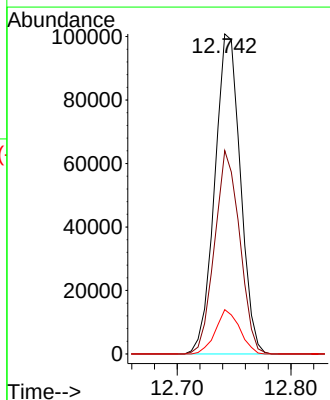
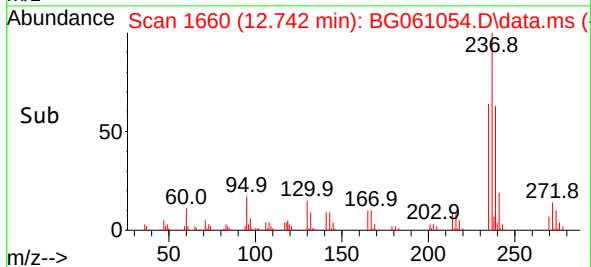
05/03/2024

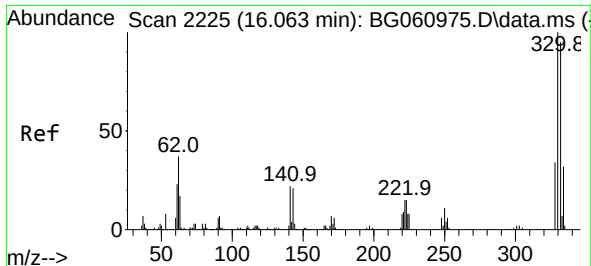


#41
Hexachlorocyclopentadiene
Concen: 88.701 ng
RT: 12.742 min Scan# 1660
Delta R.T. -0.007 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:237 Resp: 157611
Ion Ratio Lower Upper
237 100
235 63.5 40.7 80.7
272 13.8 0.0 34.5





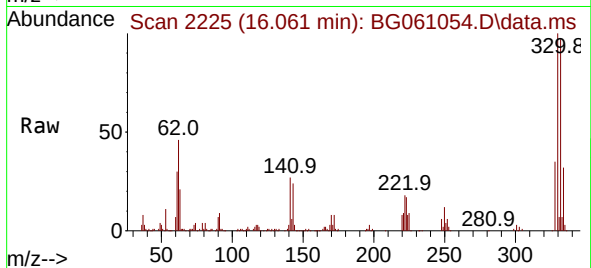
#42
2,4,6-Tribromophenol
Concen: 125.156 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

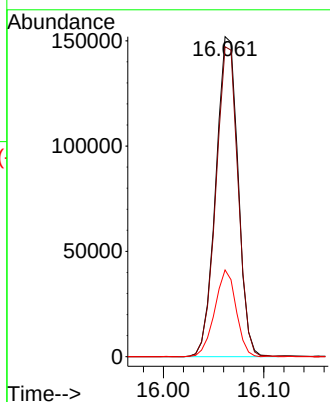
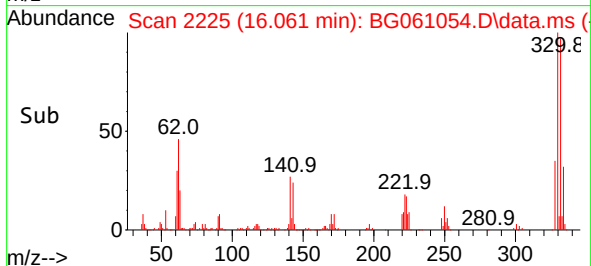
SOILMS



Tgt Ion:330 Resp: 23354
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.2 20.6 31.0

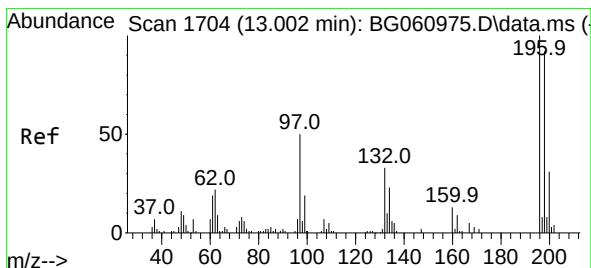
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

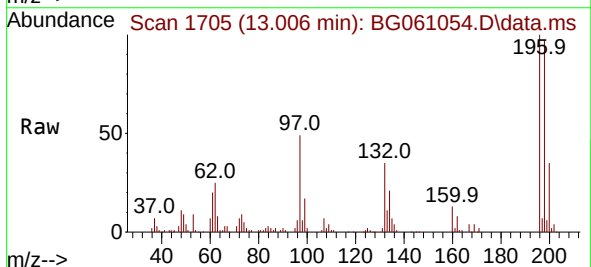


04/30/2024
Supervised By :mohammad
ahmed

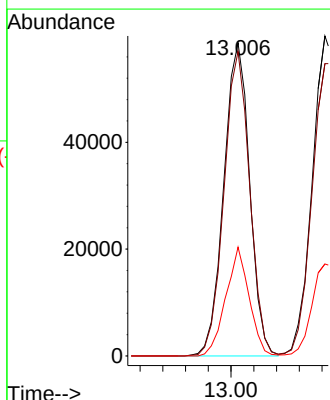
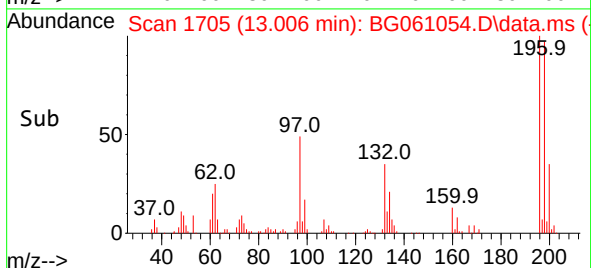
05/03/2024

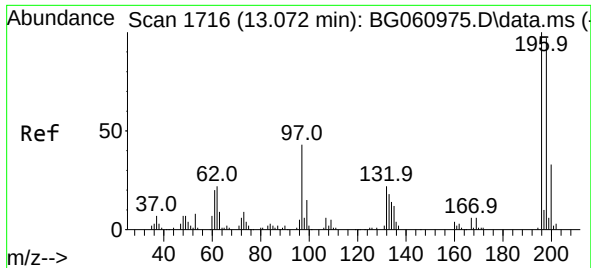


#43
2,4,6-Trichlorophenol
Concen: 46.603 ng
RT: 13.006 min Scan# 1705
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:196 Resp: 92510
Ion Ratio Lower Upper
196 100
198 97.3 73.5 110.3
200 34.8 24.8 37.2





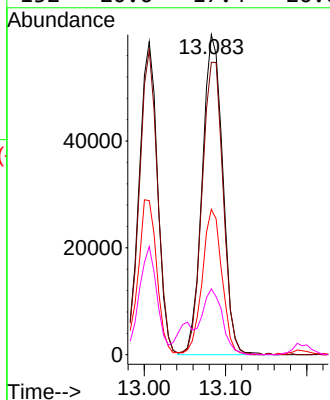
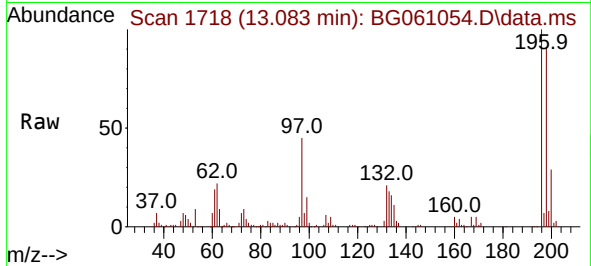
#44
2,4,5-Trichlorophenol
Concen: 44.773 ng
RT: 13.083 min Scan# 1716
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:196 Resp: 10513
Ion Ratio Lower Upper
196 100
198 91.4 77.7 116.5
97 45.4 34.2 51.4
132 20.6 17.4 26.0

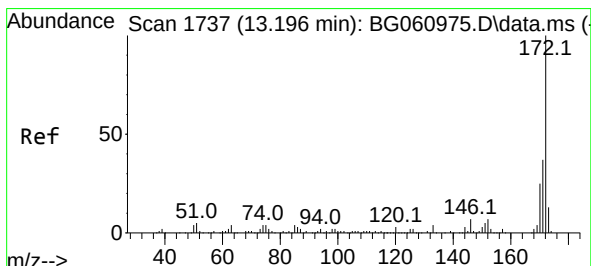
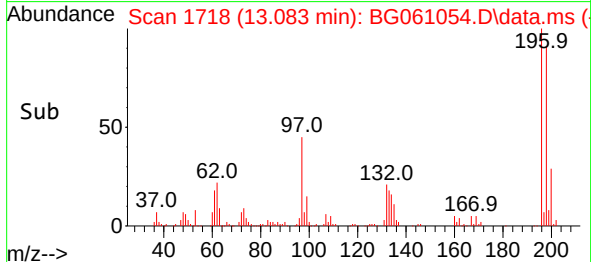
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



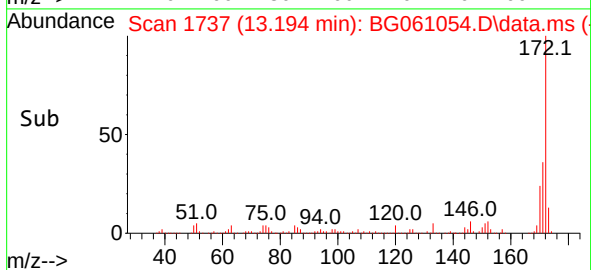
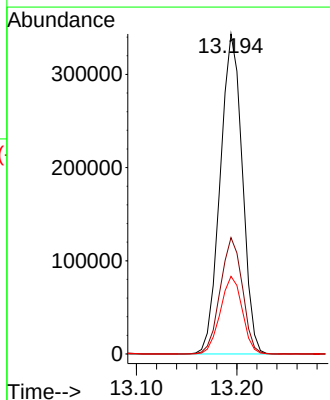
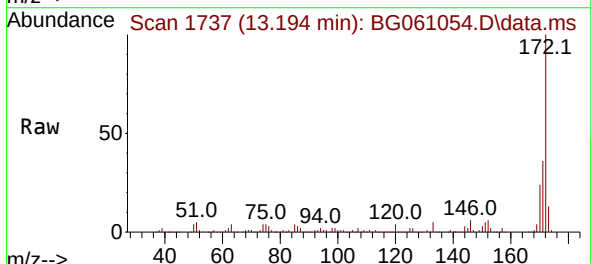
04/30/2024
Supervised By :mohammad
ahmed

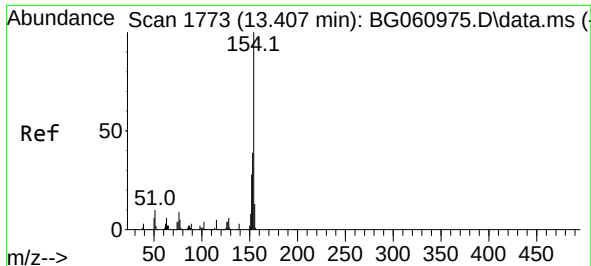
05/03/2024



#45
2-Fluorobiphenyl
Concen: 85.583 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

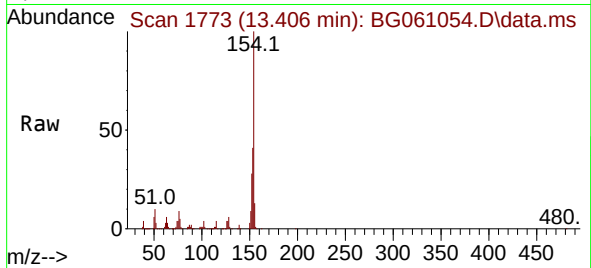
Tgt Ion:172 Resp: 525466
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.2 20.1 30.1





#46
1,1'-Biphenyl
Concen: 45.617 ng
RT: 13.406 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

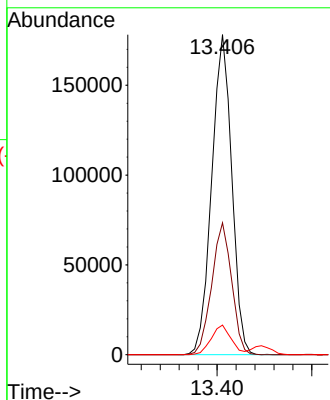
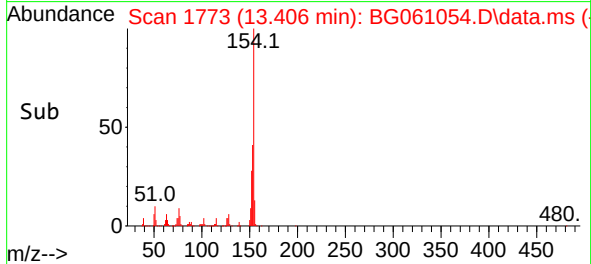
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:154 Resp: 26110
Ion Ratio Lower Upper
154 100
153 41.2 19.4 59.4
76 9.3 0.0 28.6

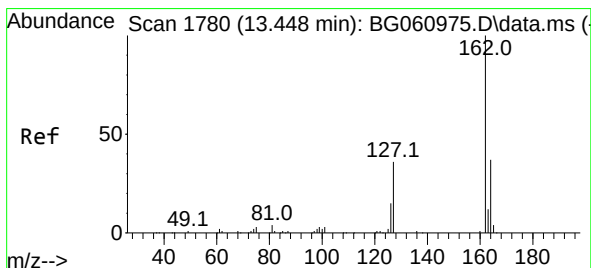
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

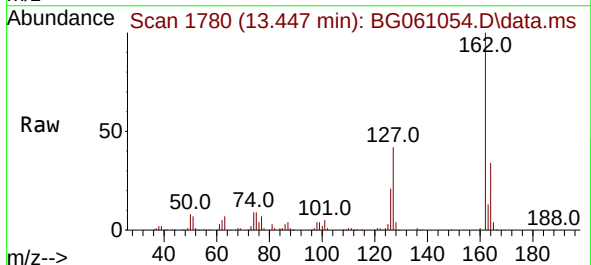


04/30/2024
Supervised By :mohammad
ahmed

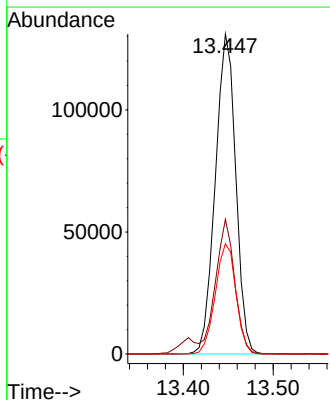
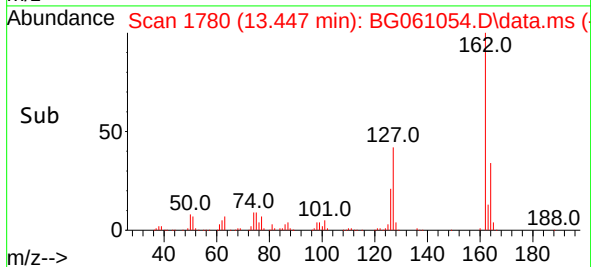
05/03/2024

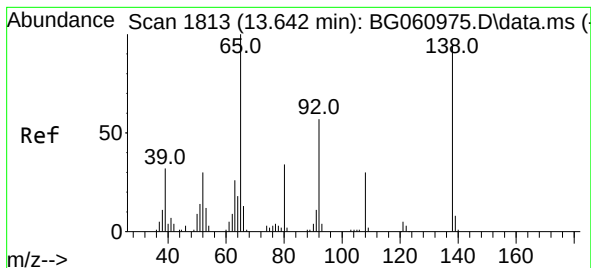


#47
2-Chloronaphthalene
Concen: 47.174 ng
RT: 13.447 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



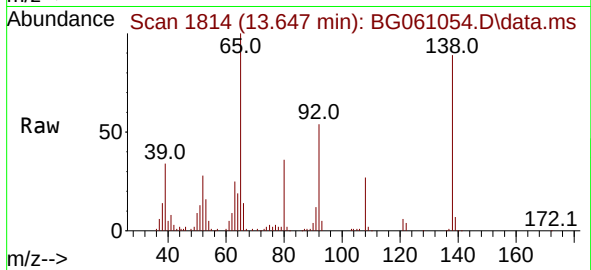
Tgt Ion:162 Resp: 207031
Ion Ratio Lower Upper
162 100
127 42.1 32.6 49.0
164 34.4 29.9 44.9





#48
2-Nitroaniline
Concen: 44.177 ng
RT: 13.647 min Scan# 1813
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

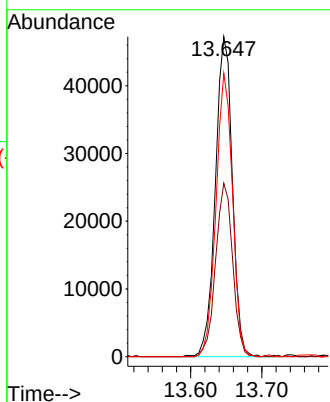
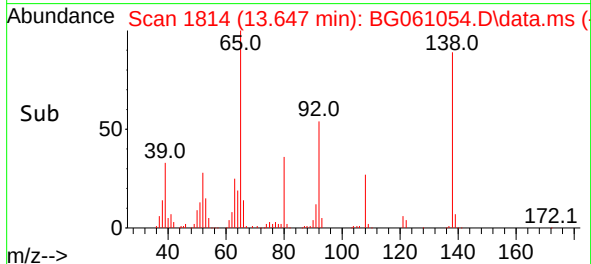
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion: 65 Resp: 7824
Ion Ratio Lower Upper
65 100
92 54.2 45.4 68.2
138 88.5 75.8 113.6

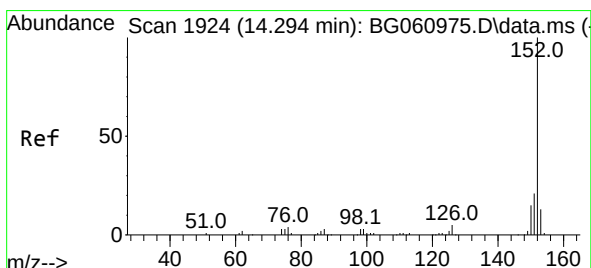
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

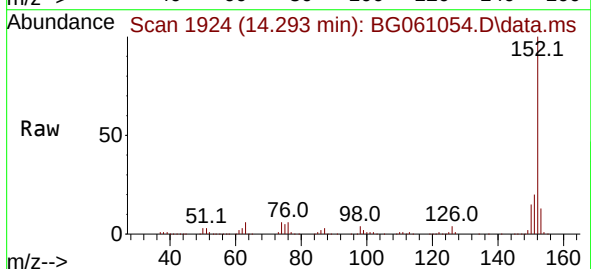


04/30/2024
Supervised By :mohammad
ahmed

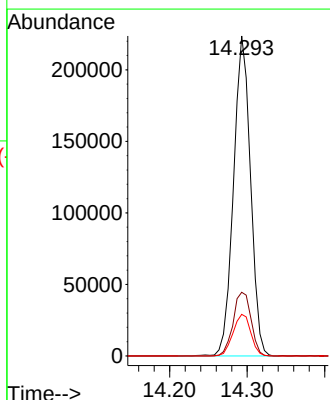
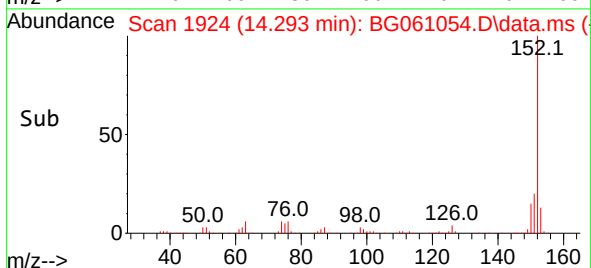
05/03/2024

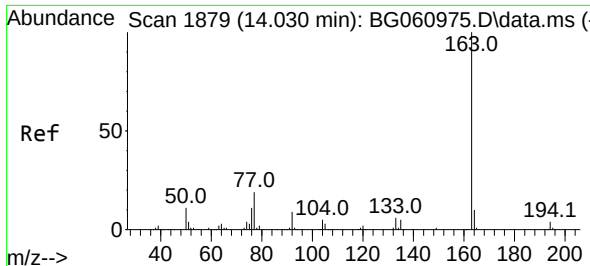


#49
Acenaphthylene
Concen: 46.085 ng
RT: 14.293 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:152 Resp: 340627
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.0 10.7 16.1





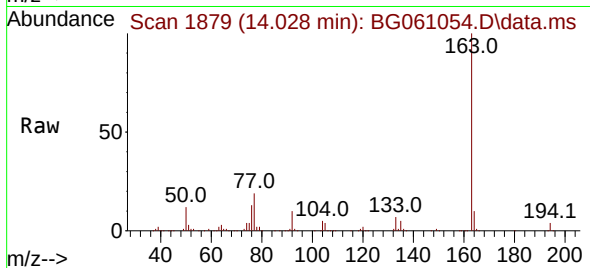
#50
Dimethylphthalate
Concen: 44.826 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

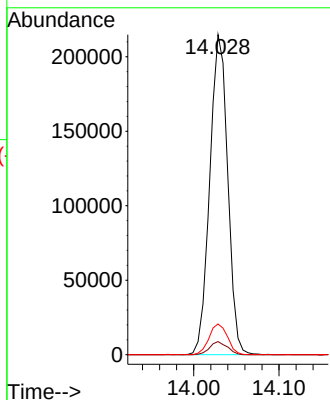
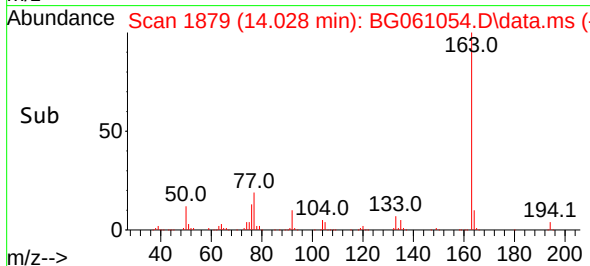
SOILMS



Tgt Ion:163 Resp: 314100
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.6 8.4 12.6

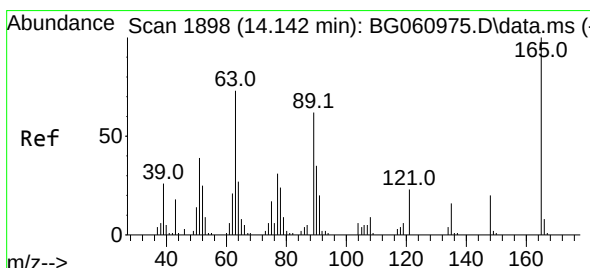
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

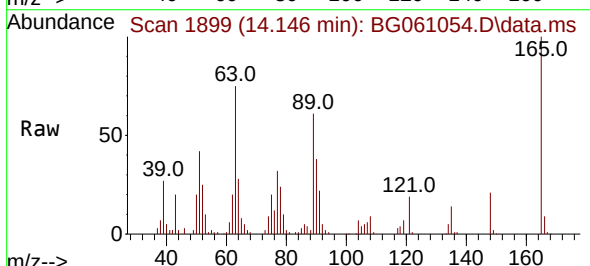


04/30/2024
Supervised By :mohammad
ahmed

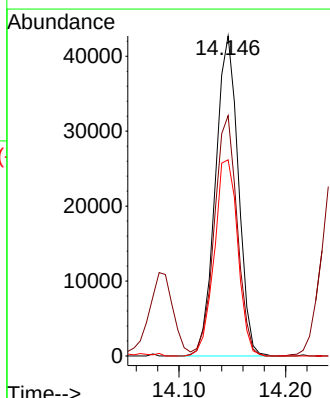
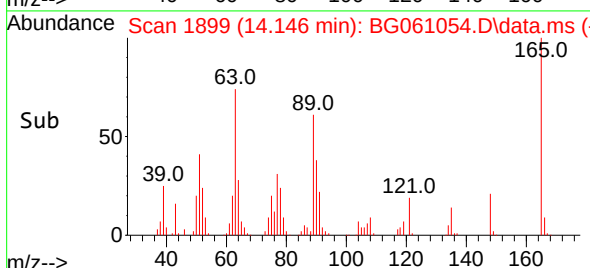
05/03/2024

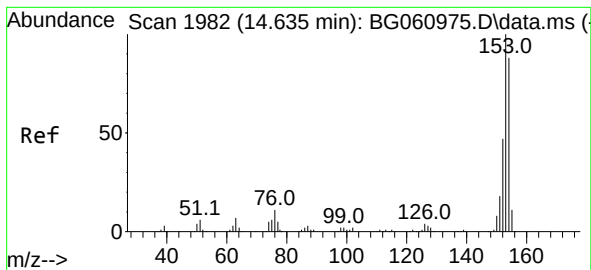


#51
2,6-Dinitrotoluene
Concen: 43.288 ng
RT: 14.146 min Scan# 1899
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



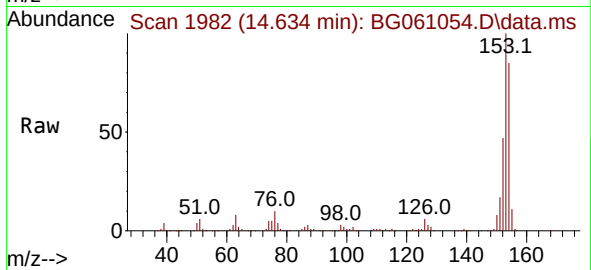
Tgt Ion:165 Resp: 63291
Ion Ratio Lower Upper
165 100
63 75.1 59.6 89.4
89 61.3 49.4 74.0





#52
Acenaphthene
Concen: 43.140 ng
RT: 14.634 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

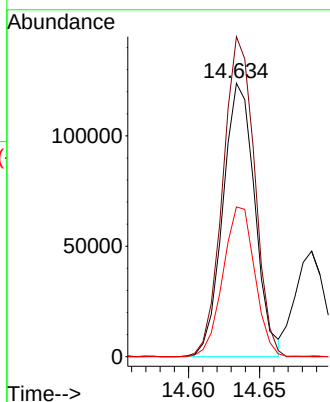
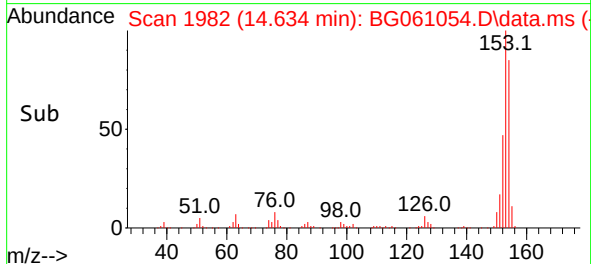
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:154 Resp: 193748
Ion Ratio Lower Upper
154 100
153 117.0 91.2 136.8
152 54.8 42.7 64.1

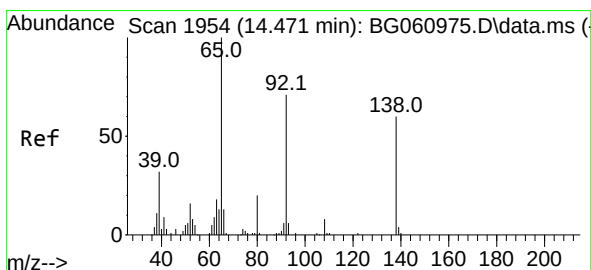
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

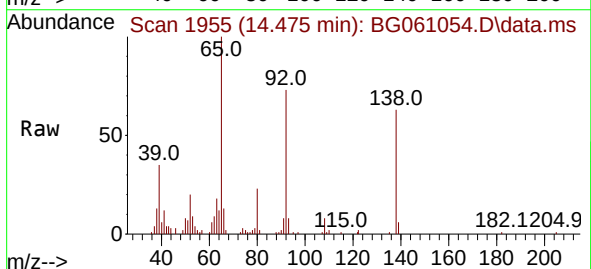


04/30/2024
Supervised By :mohammad
ahmed

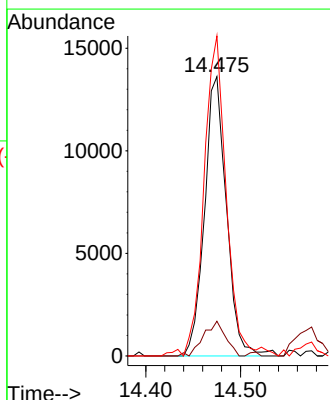
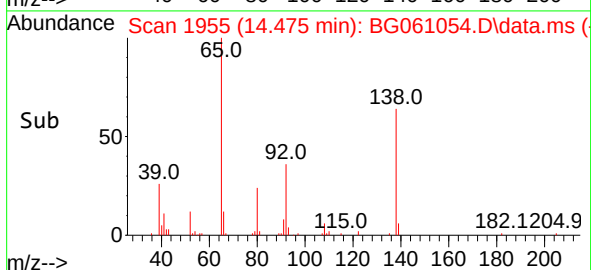
05/03/2024

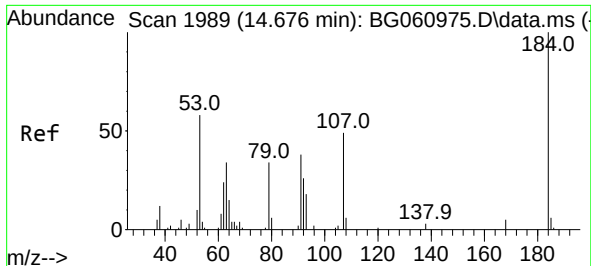


#53
3-Nitroaniline
Concen: 15.200 ng
RT: 14.475 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:138 Resp: 21914
Ion Ratio Lower Upper
138 100
108 12.4 10.1 15.1
92 114.5 94.6 141.8





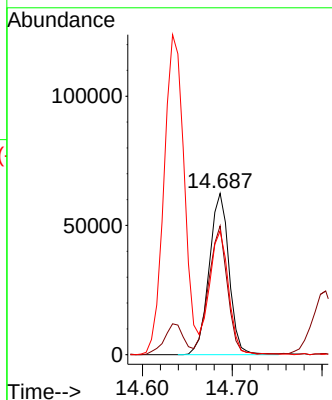
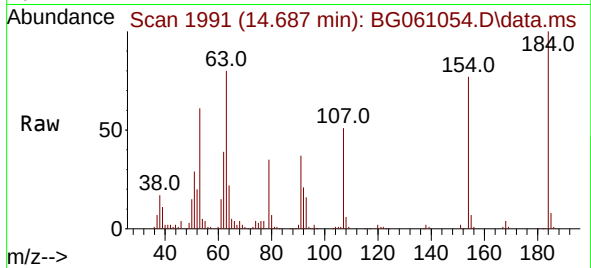
#54
2,4-Dinitrophenol
Concen: 99.077 ng
RT: 14.687 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:184 Resp: 9573
Ion Ratio Lower Upper
184 100
63 79.9 59.0 88.6
154 76.6 61.2 91.8

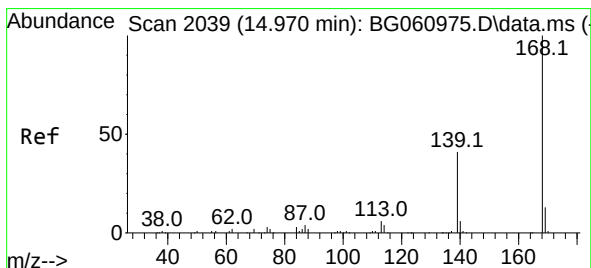
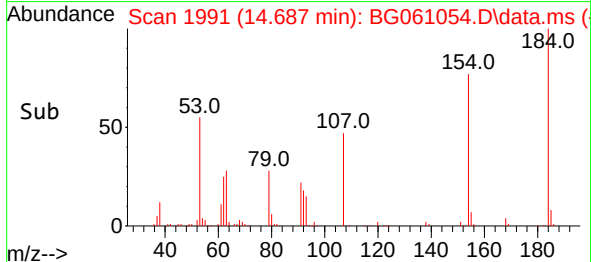
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



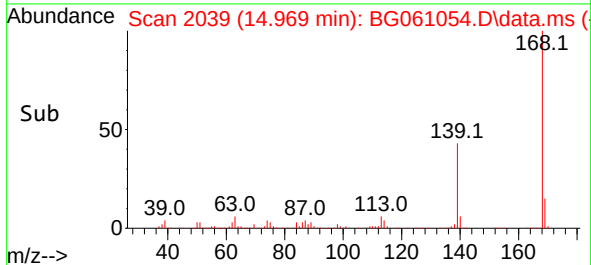
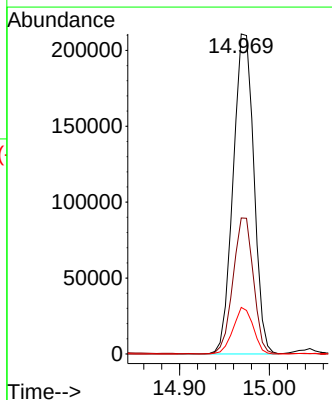
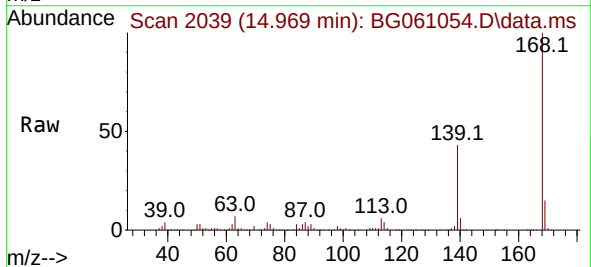
04/30/2024
Supervised By :mohammad
ahmed

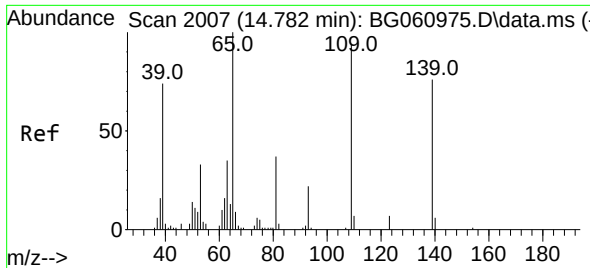
05/03/2024



#55
Dibenzofuran
Concen: 43.528 ng
RT: 14.969 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:168 Resp: 337576
Ion Ratio Lower Upper
168 100
139 42.5 32.4 48.6
169 14.5 10.6 15.8





#56
4-Nitrophenol
Concen: 86.091 ng
RT: 14.804 min Scan# 2011
Delta R.T. 0.022 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

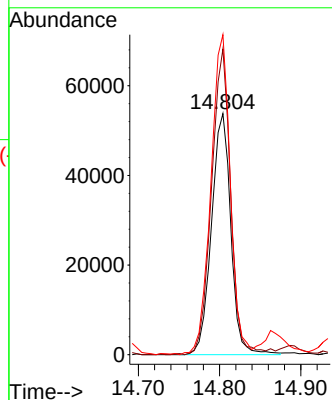
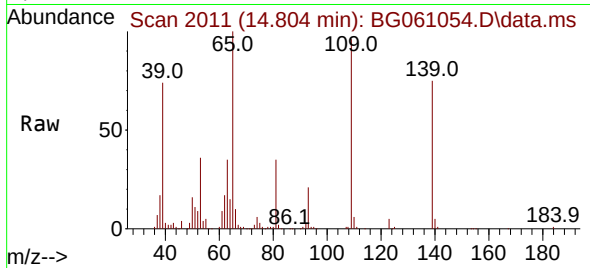
ClientSampleId :

SOILMS

Tgt Ion:139 Resp: 88920
Ion Ratio Lower Upper
139 100
109 126.8 104.1 144.1
65 132.7 112.0 152.0

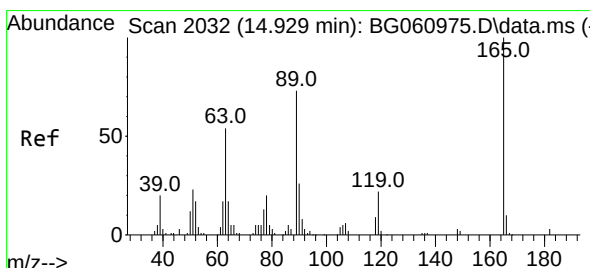
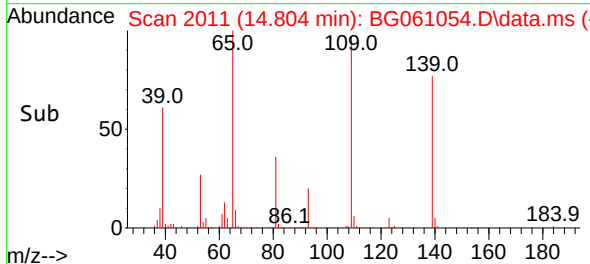
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



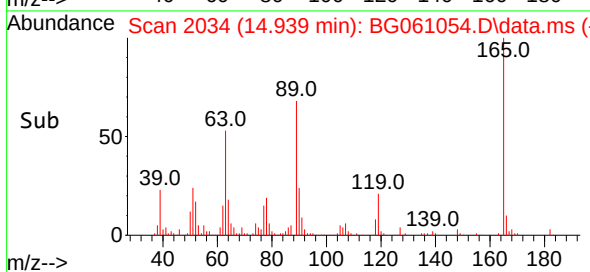
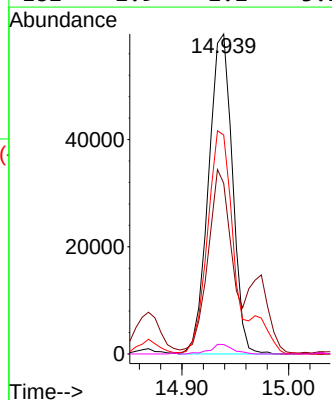
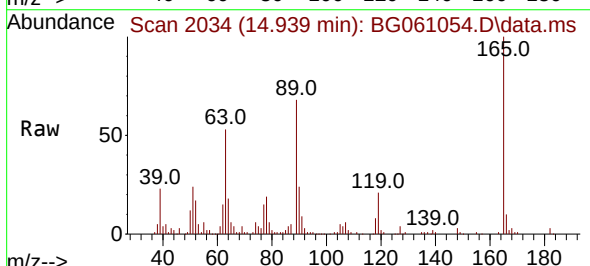
04/30/2024
Supervised By :mohammad
ahmed

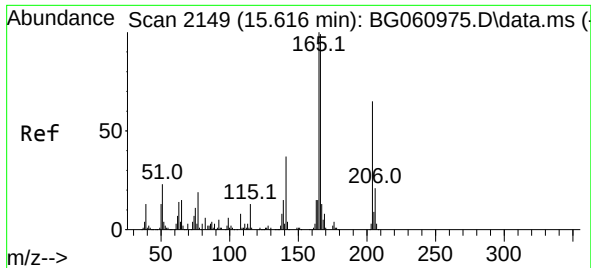
05/03/2024



#57
2,4-Dinitrotoluene
Concen: 44.090 ng
RT: 14.939 min Scan# 2034
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:165 Resp: 92844
Ion Ratio Lower Upper
165 100
63 53.3 43.4 65.2
89 68.4 58.4 87.6
182 2.9 2.2 3.2





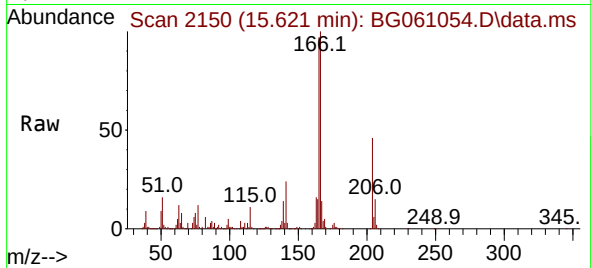
#58
Fluorene
Concen: 43.848 ng
RT: 15.621 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

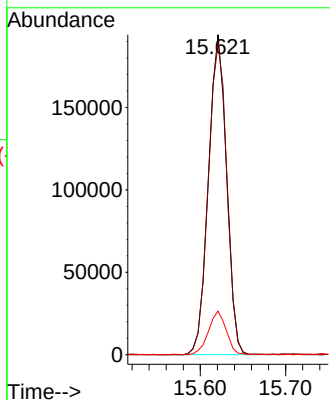
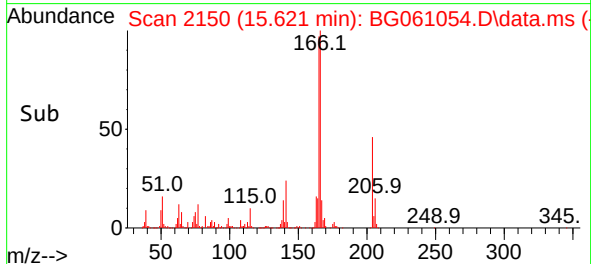
SOILMS



Tgt Ion:166 Resp: 287020
Ion Ratio Lower Upper
166 100
165 97.2 80.9 121.3
167 13.6 10.5 15.7

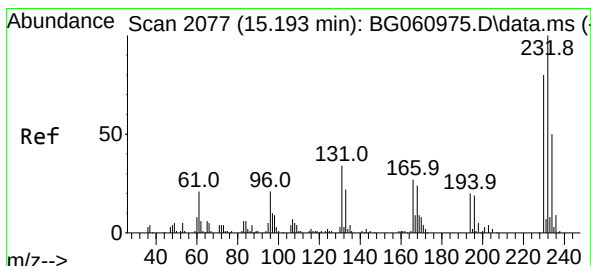
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

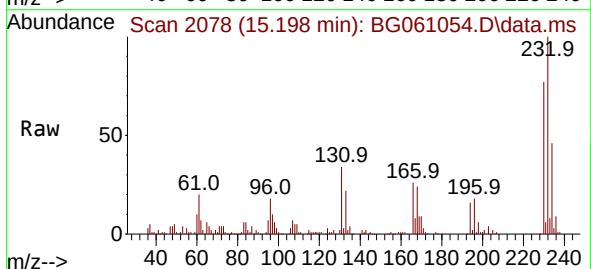


04/30/2024
Supervised By :mohammad
ahmed

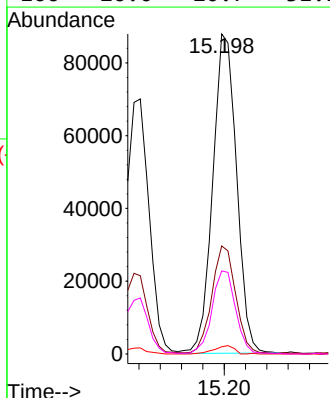
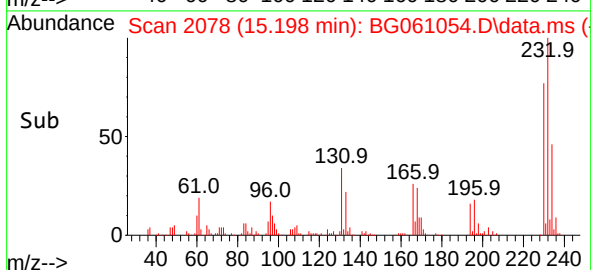
05/03/2024

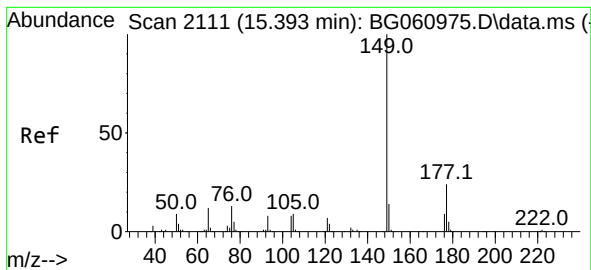


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.499 ng
RT: 15.198 min Scan# 2078
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



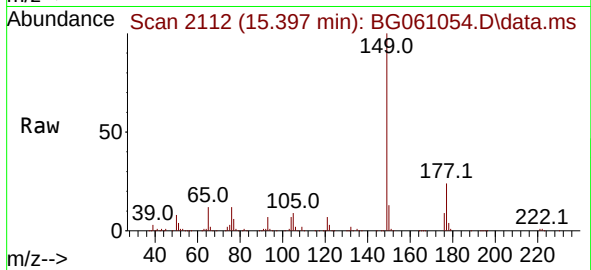
Tgt Ion:232 Resp: 136270
Ion Ratio Lower Upper
232 100
131 33.8 27.4 41.0
130 2.2 1.5 2.3
166 26.0 20.7 31.1





#60
Diethylphthalate
Concen: 43.951 ng
RT: 15.397 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

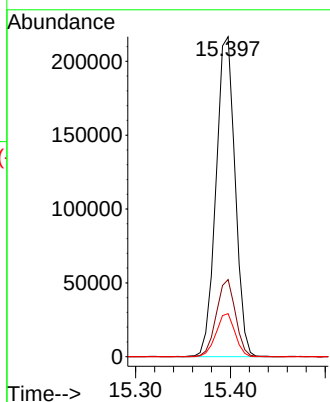
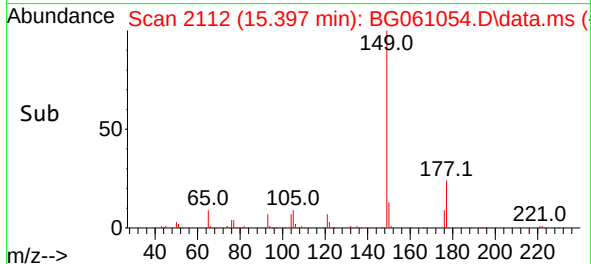
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:149 Resp: 303294
Ion Ratio Lower Upper
149 100
177 24.1 18.8 28.2
150 13.4 11.2 16.8

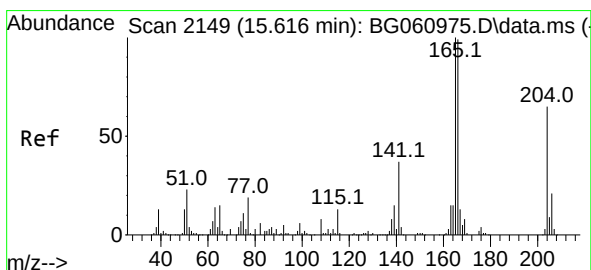
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

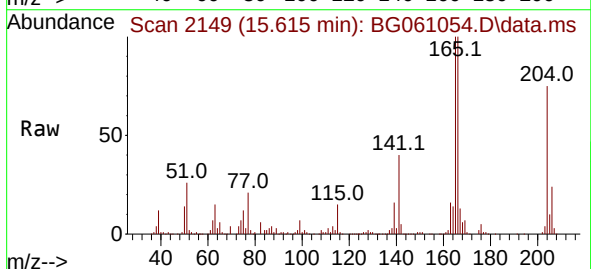


04/30/2024
Supervised By :mohammad
ahmed

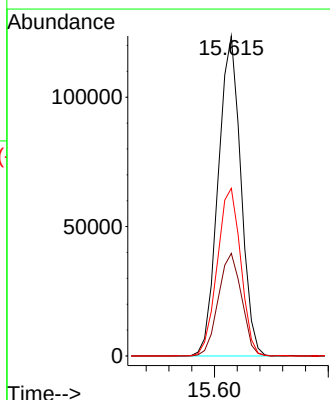
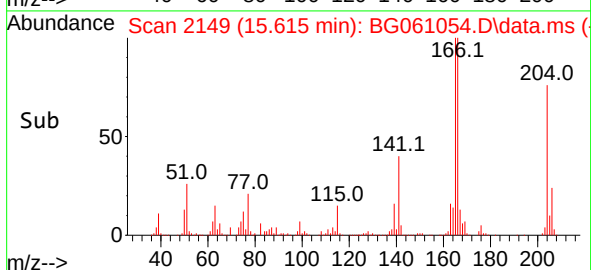
05/03/2024

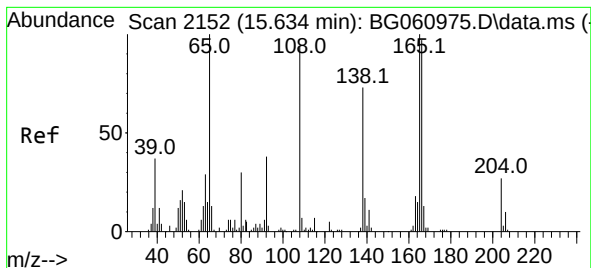


#61
4-Chlorophenyl-phenylether
Concen: 42.382 ng
RT: 15.615 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:204 Resp: 171103
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 52.4 45.4 68.0





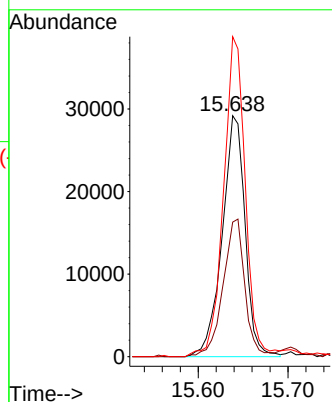
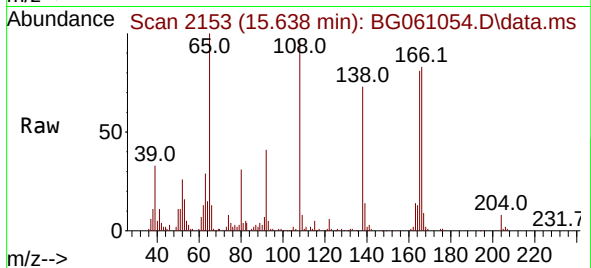
#62
4-Nitroaniline
Concen: 33.228 ng
RT: 15.638 min Scan# 2152
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:138 Resp: 51654
Ion Ratio Lower Upper
138 100
92 55.9 32.2 72.2
108 132.8 109.0 149.0

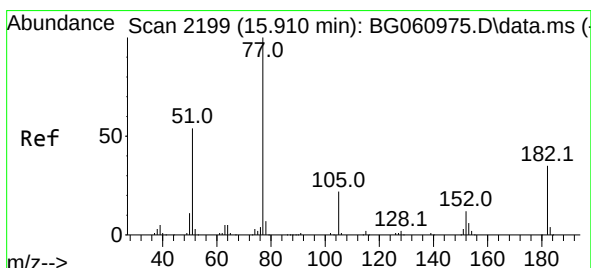
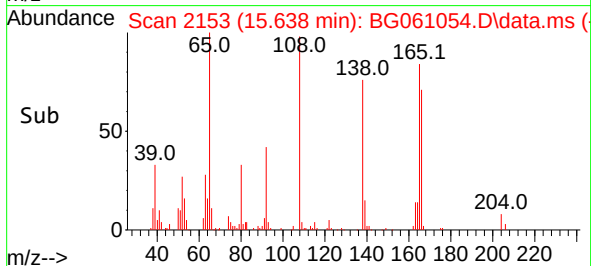
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



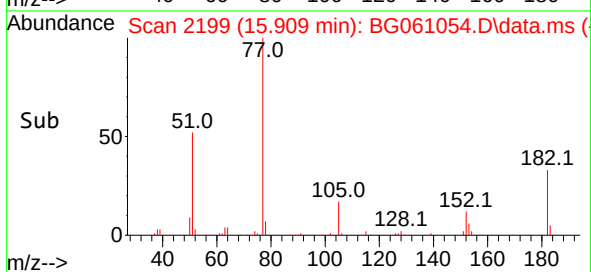
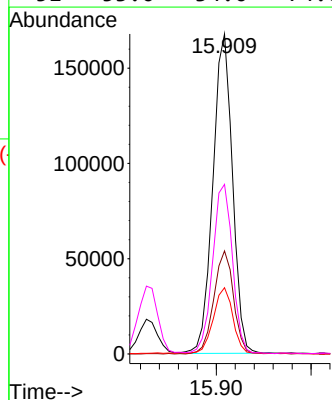
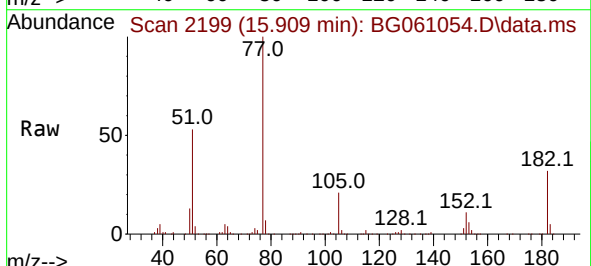
04/30/2024
Supervised By :mohammad
ahmed

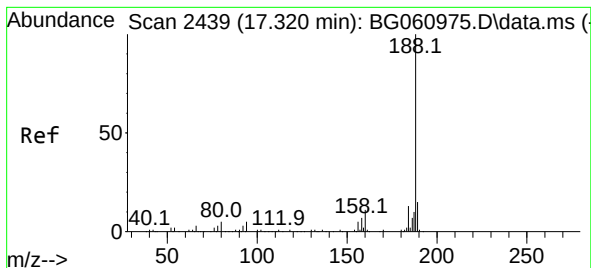
05/03/2024



#63
Azobenzene
Concen: 42.838 ng
RT: 15.909 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion: 77 Resp: 240446
Ion Ratio Lower Upper
77 100
182 32.2 14.5 54.5
105 20.7 1.9 41.9
51 53.0 34.0 74.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

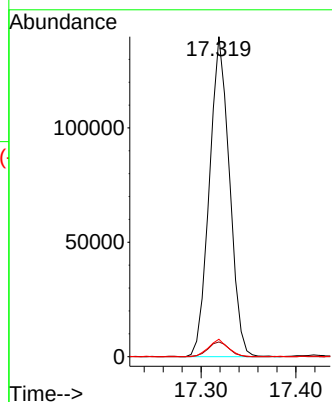
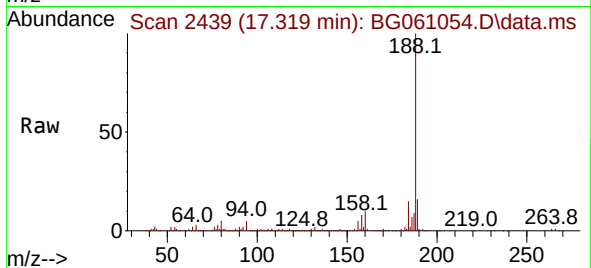
ClientSampleId :

SOILMS

Tgt Ion:188 Resp: 20551
Ion Ratio Lower Upper
188 100
94 4.6 4.1 6.1
80 5.5 4.0 6.0

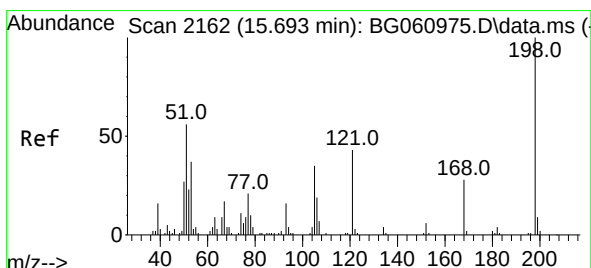
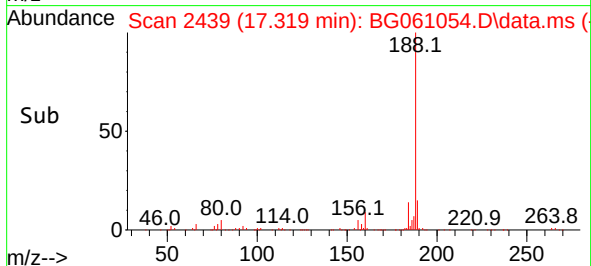
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



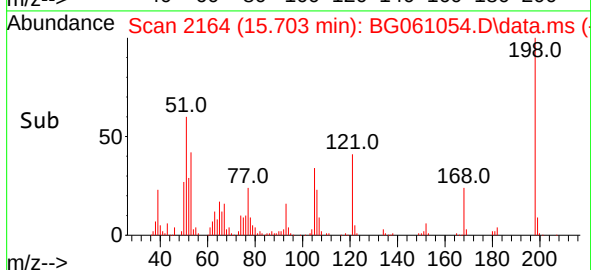
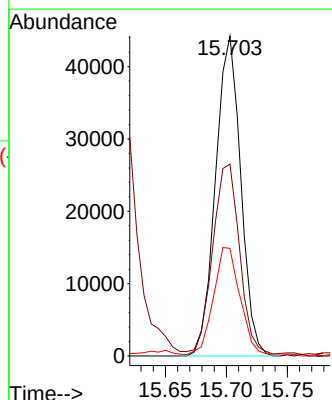
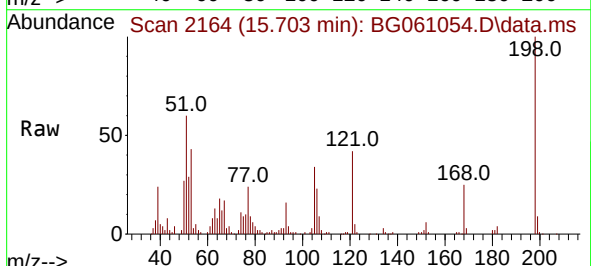
04/30/2024
Supervised By :mohammad
ahmed

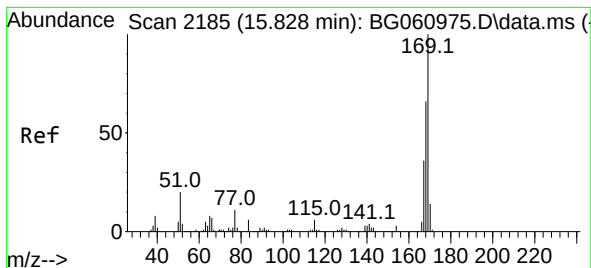
05/03/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 50.174 ng
RT: 15.703 min Scan# 2164
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:198 Resp: 63669
Ion Ratio Lower Upper
198 100
51 60.0 38.6 78.6
105 33.6 14.5 54.5





#66

n-Nitrosodiphenylamine

Concen: 46.493 ng

RT: 15.826 min Scan# 2185

Delta R.T. -0.002 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

Tgt Ion:169 Resp: 263240

Ion Ratio Lower Upper

169 100

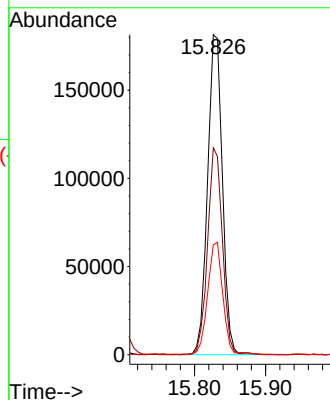
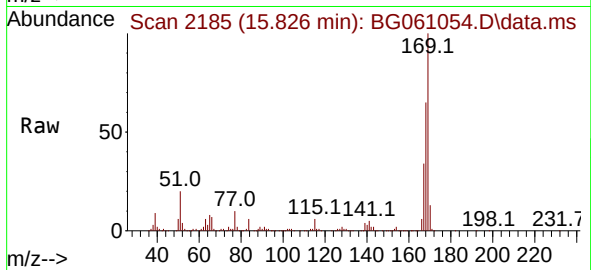
168 64.7 52.5 78.7

167 34.3 28.8 43.2

Manual Integrations

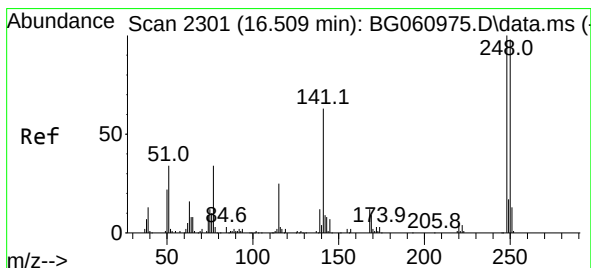
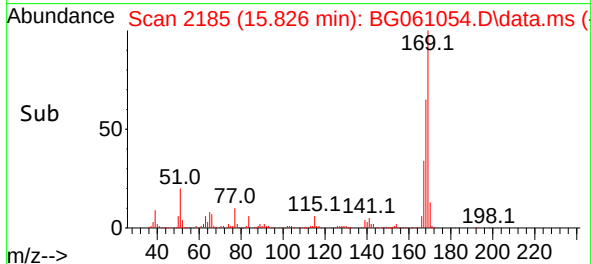
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#67

4-Bromophenyl-phenylether

Concen: 46.394 ng

RT: 16.508 min Scan# 2301

Delta R.T. -0.001 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

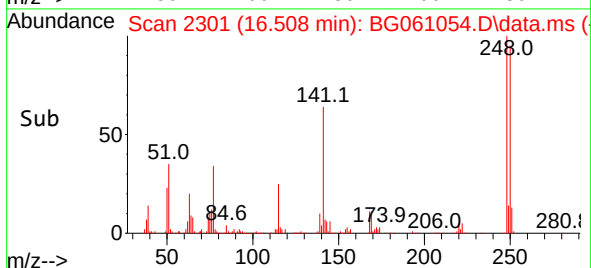
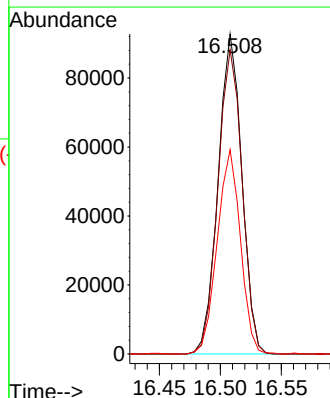
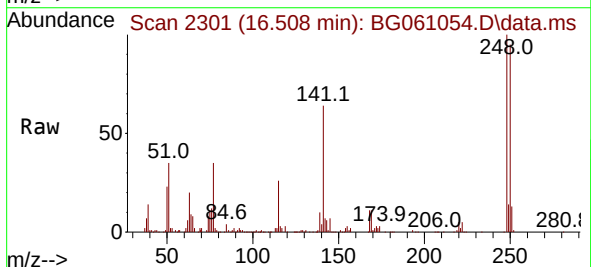
Tgt Ion:248 Resp: 125831

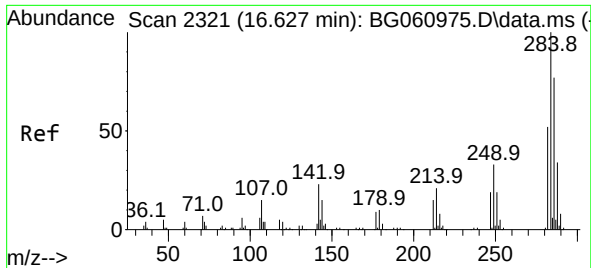
Ion Ratio Lower Upper

248 100

250 95.1 78.7 118.1

141 63.8 50.4 75.6





#68
Hexachlorobenzene
Concen: 50.045 ng
RT: 16.625 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

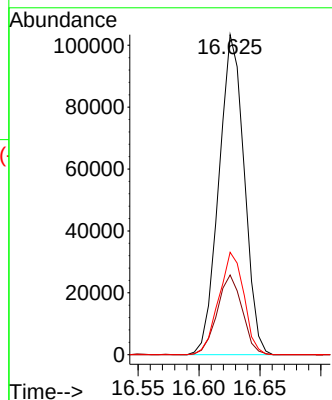
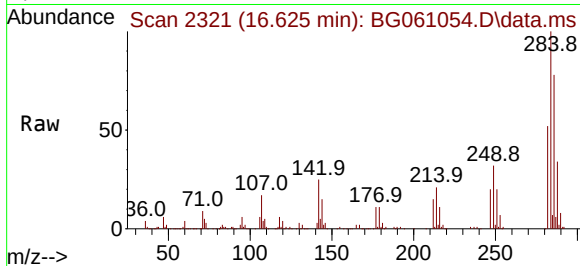
ClientSampleId :

SOILMS

Tgt Ion:284 Resp: 149929
Ion Ratio Lower Upper
284 100
142 24.9 18.7 28.1
249 32.0 26.4 39.6

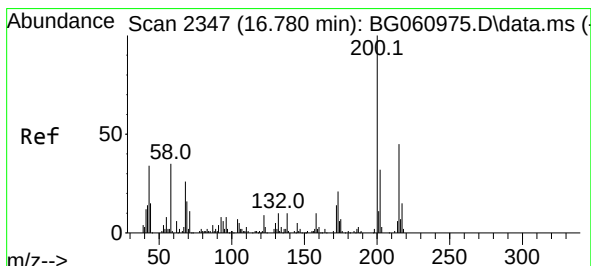
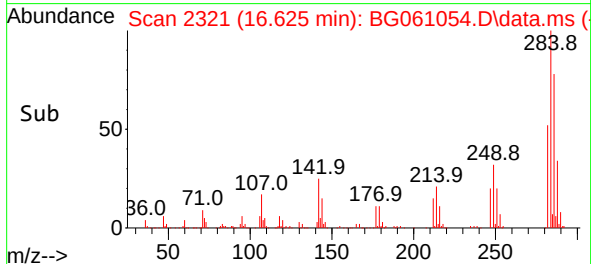
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



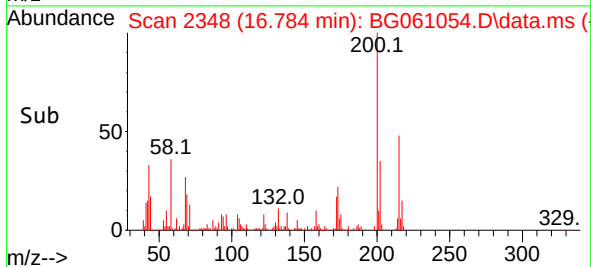
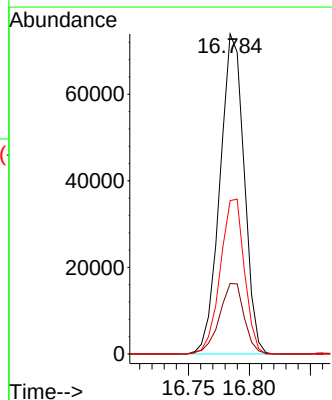
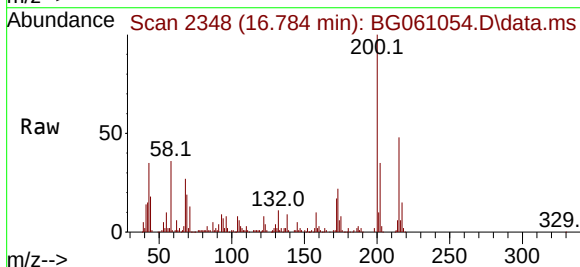
04/30/2024
Supervised By :mohammad
ahmed

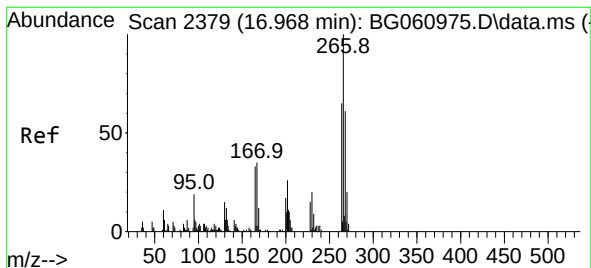
05/03/2024



#69
Atrazine
Concen: 48.149 ng
RT: 16.784 min Scan# 2348
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:200 Resp: 102032
Ion Ratio Lower Upper
200 100
173 22.0 1.4 41.4
215 47.9 25.3 65.3





#70
Pentachlorophenol
Concen: 471.280 ng
RT: 16.984 min Scan# 21
Delta R.T. 0.016 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNL_G

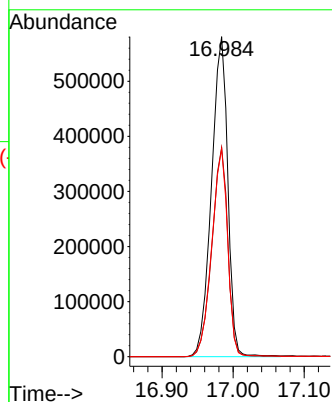
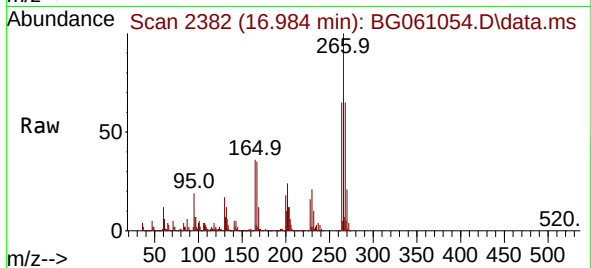
ClientSampleId :

SOILMS

Tgt Ion:266 Resp: 925820
Ion Ratio Lower Upper
266 100
268 65.4 49.1 73.7
264 65.1 52.2 78.2

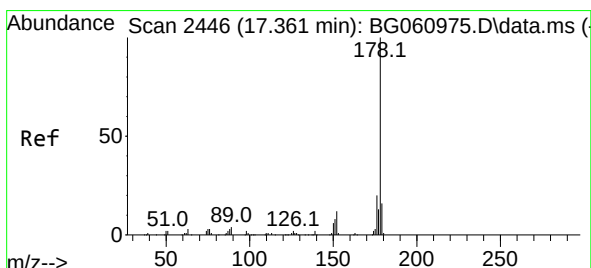
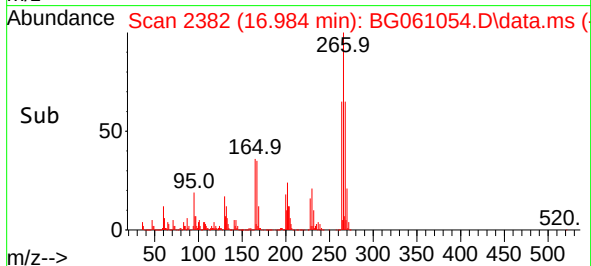
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



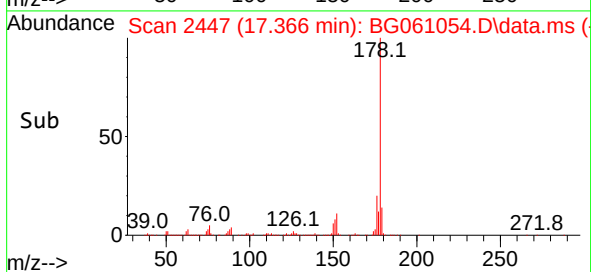
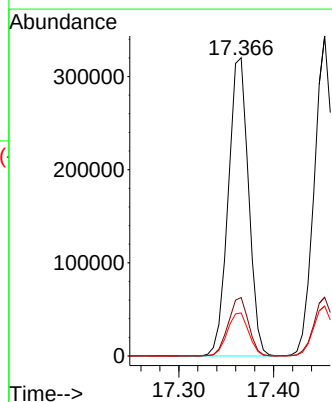
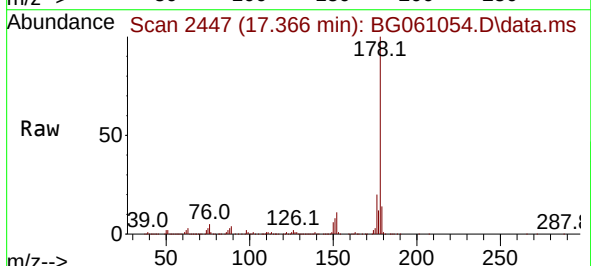
04/30/2024
Supervised By :mohammad
ahmed

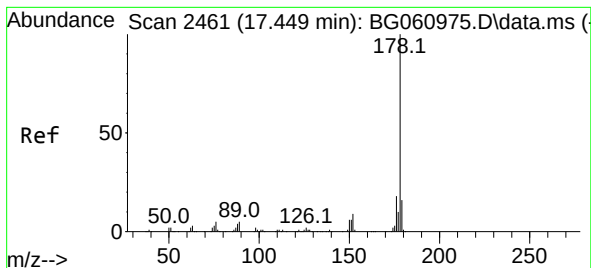
05/03/2024



#71
Phenanthrene
Concen: 45.429 ng
RT: 17.366 min Scan# 2447
Delta R.T. 0.005 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Tgt Ion:178 Resp: 476550
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.4 12.5 18.7





#72

Anthracene

Concen: 44.522 ng

RT: 17.454 min Scan# 2461

Delta R.T. 0.004 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

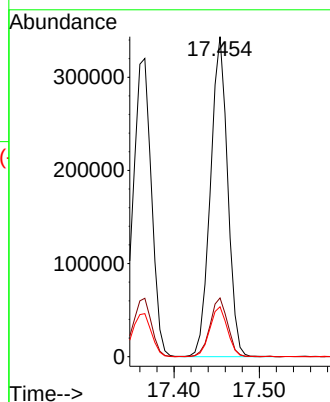
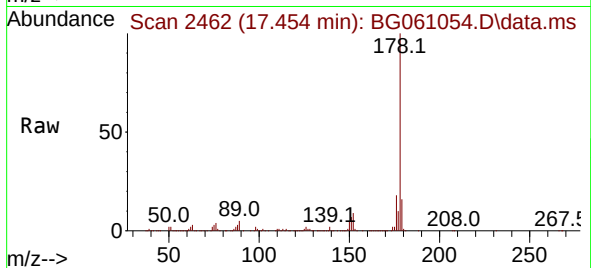
SOILMS

Tgt Ion:178	Resp: 48100
Ion Ratio	Lower Upper
178 100	
176 18.3	14.7 22.1
179 15.6	12.4 18.6

Manual Integrations

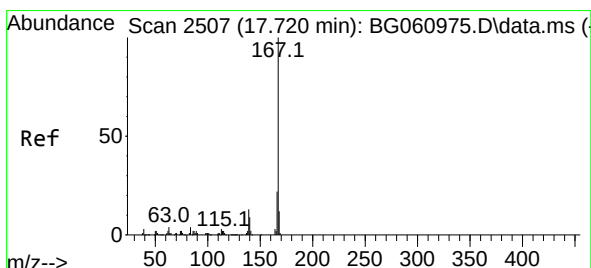
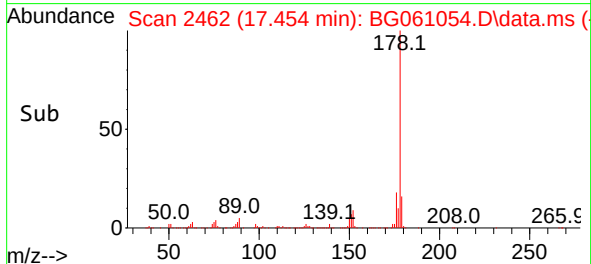
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#73

Carbazole

Concen: 45.013 ng

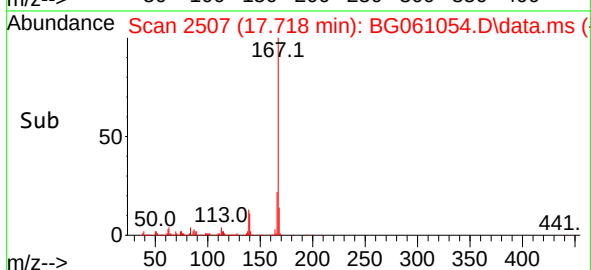
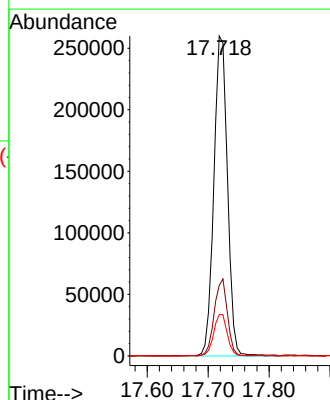
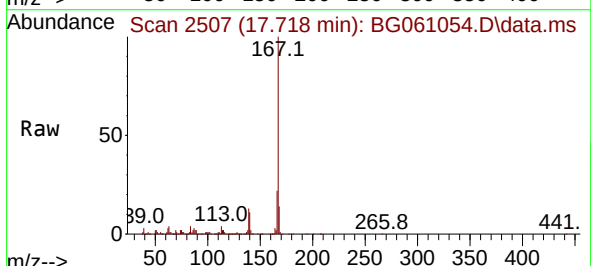
RT: 17.718 min Scan# 2507

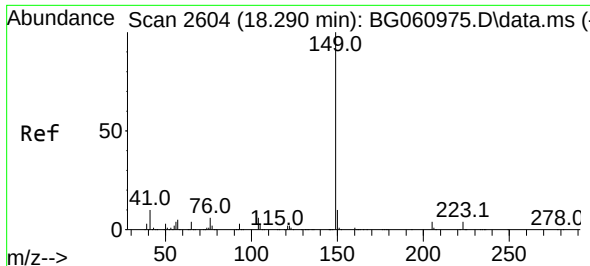
Delta R.T. -0.001 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Tgt Ion:167	Resp: 403887
Ion Ratio	Lower Upper
167 100	
166 22.1	17.8 26.8
139 12.9	10.2 15.2





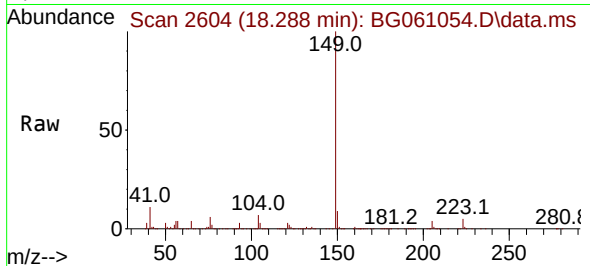
#74
Di-n-butylphthalate
Concen: 44.409 ng
RT: 18.288 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

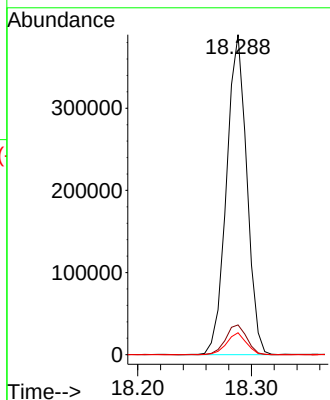
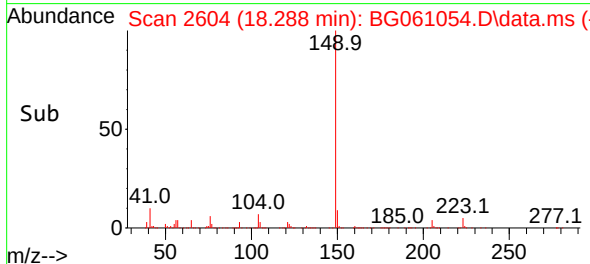


Tgt Ion:149 Resp: 483769
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 6.9 5.0 7.6

Manual Integrations

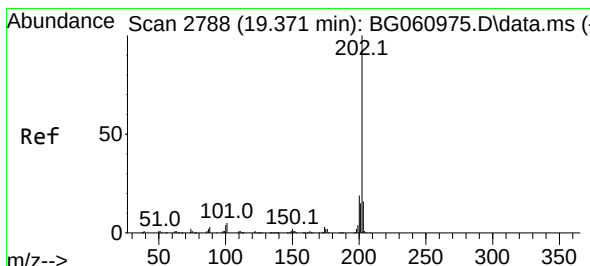
APPROVED

Reviewed By :Jagrut
Upadhyay

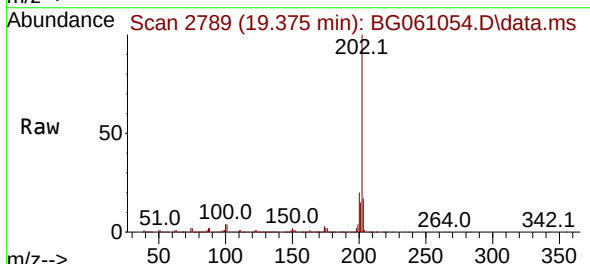


04/30/2024
Supervised By :mohammad
ahmed

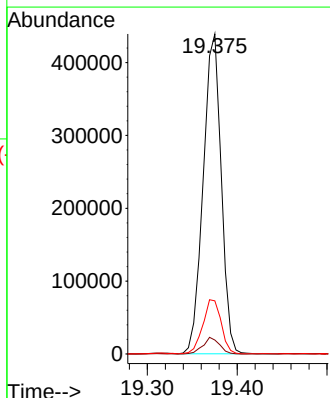
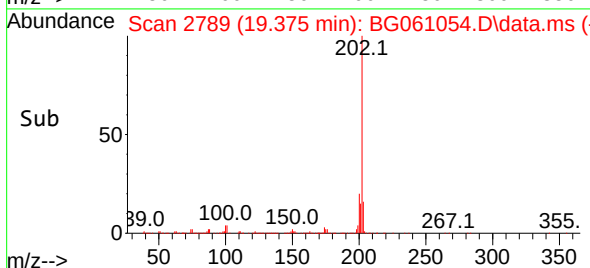
05/03/2024

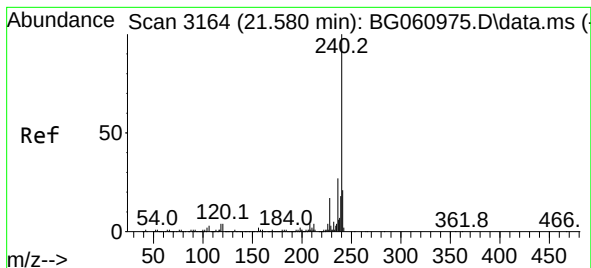


#75
Fluoranthene
Concen: 43.962 ng
RT: 19.375 min Scan# 2789
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:202 Resp: 612019
Ion Ratio Lower Upper
202 100
101 4.4 0.0 24.9
203 16.6 0.0 36.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

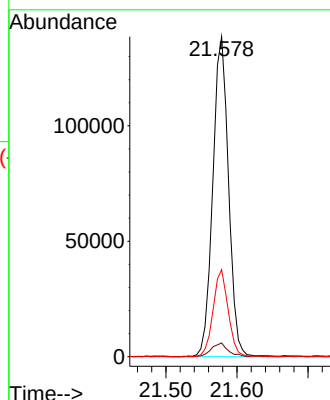
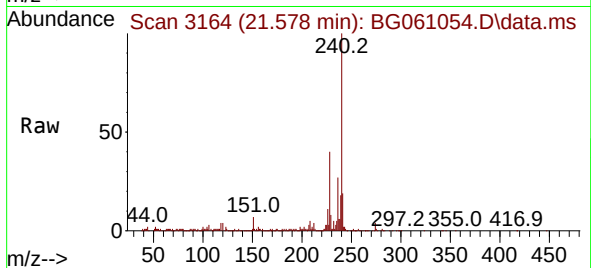
Tgt Ion:240 Resp: 213092

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.0	4.6
236	27.2	21.8	32.6

Manual Integrations

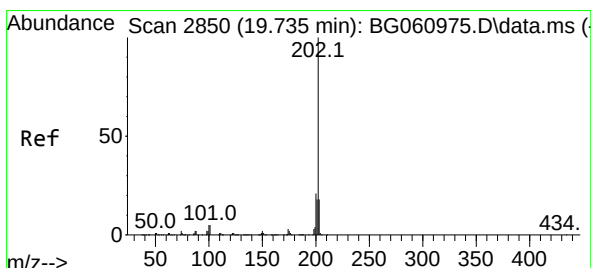
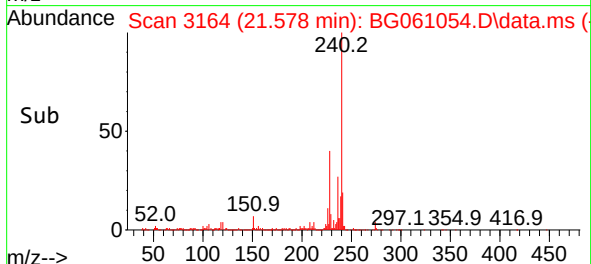
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#78

Pyrene

Concen: 43.381 ng

RT: 19.734 min Scan# 2850

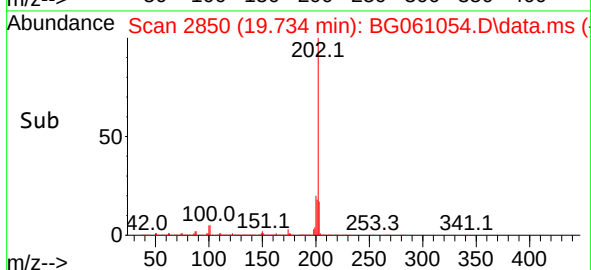
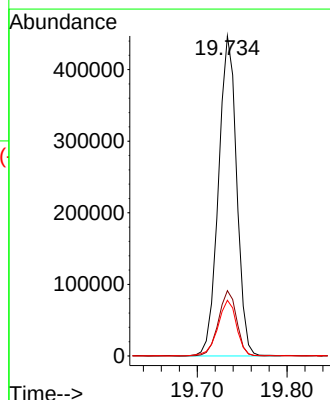
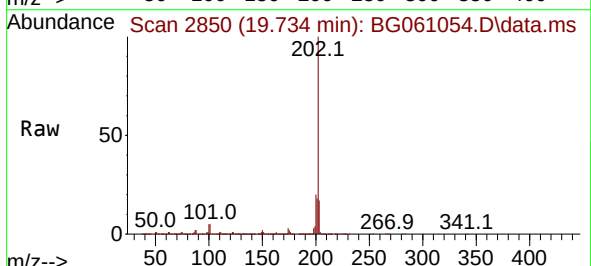
Delta R.T. -0.001 min

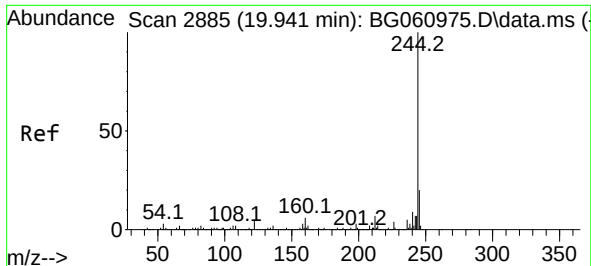
Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Tgt Ion:202 Resp: 629423

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.4	14.2	21.2





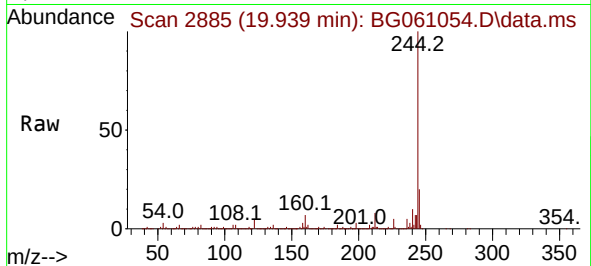
#79
 Terphenyl-d14
 Concen: 80.315 ng
 RT: 19.939 min Scan# 2885
 Delta R.T. -0.001 min
 Lab File: BG061054.D
 Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

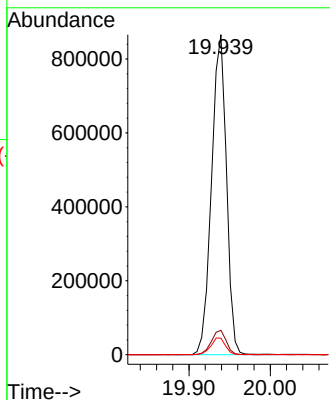
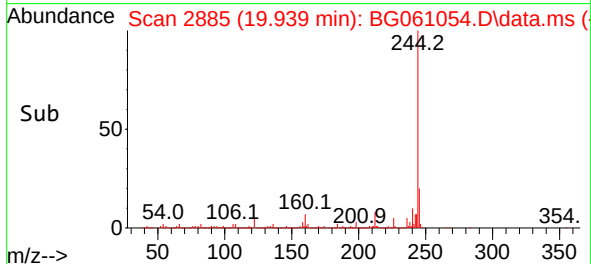


Tgt Ion:244 Resp: 1102578
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 5.2 4.2 6.2

Manual Integrations

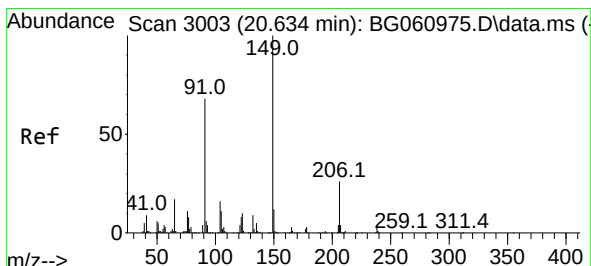
APPROVED

Reviewed By :Jagrut
 Upadhyay

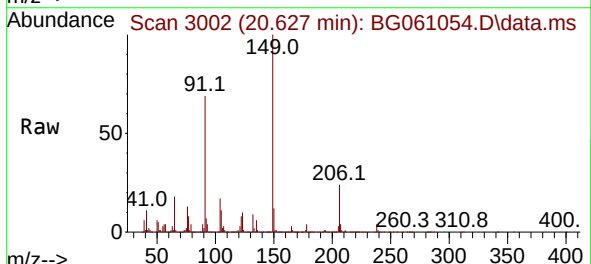


04/30/2024
 Supervised By :mohammad
 ahmed

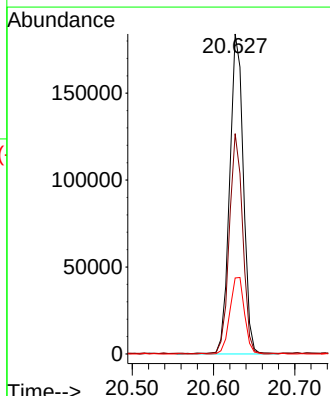
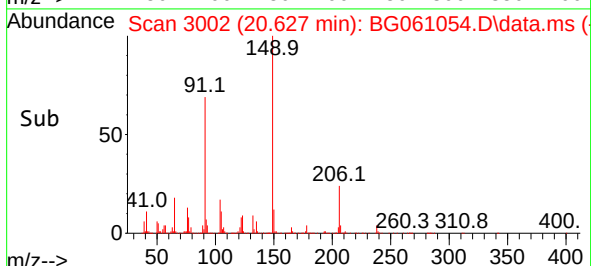
05/03/2024

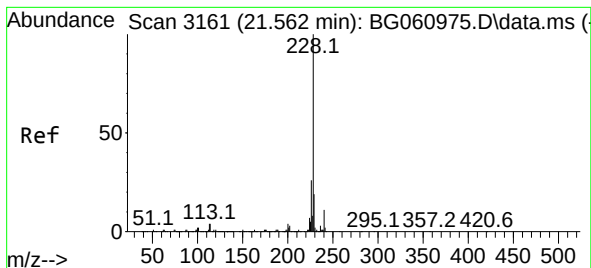


#80
 Butylbenzylphthalate
 Concen: 44.567 ng
 RT: 20.627 min Scan# 3002
 Delta R.T. -0.007 min
 Lab File: BG061054.D
 Acq: 29 Apr 2024 19:49



Tgt Ion:149 Resp: 215530
 Ion Ratio Lower Upper
 149 100
 91 68.9 54.4 81.6
 206 23.8 20.8 31.2





#81

Benzo(a)anthracene

Concen: 44.975 ng

RT: 21.561 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

ClientSampleId :

SOILMS

Tgt Ion:228 Resp: 67380

Ion Ratio Lower Upper

228 100

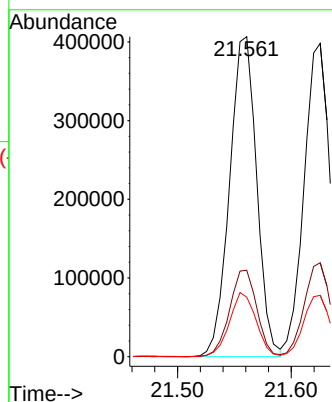
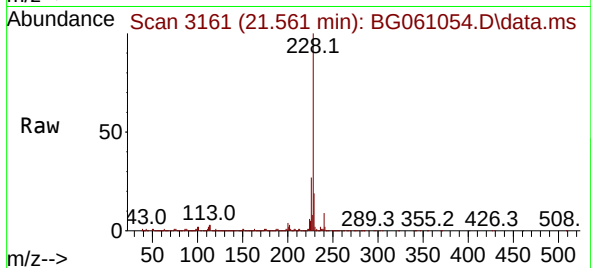
226 27.0 21.0 31.4

229 18.6 15.0 22.4

Manual Integrations

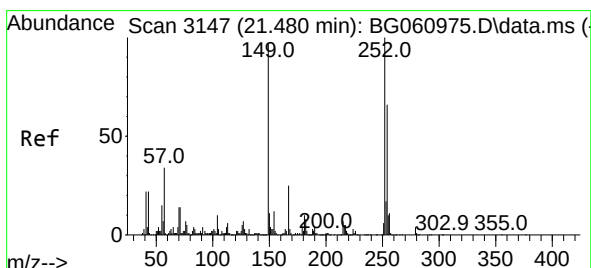
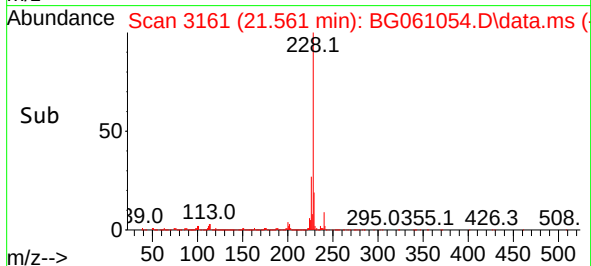
APPROVED

Reviewed By :Jagrut
Upadhyay



04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 9.627 ng

RT: 21.473 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

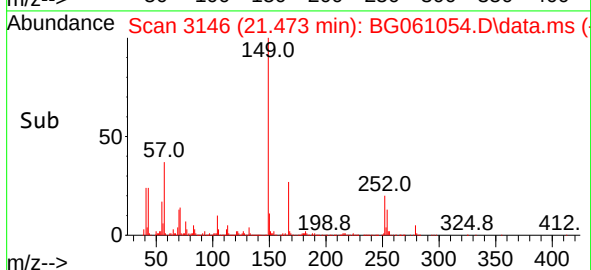
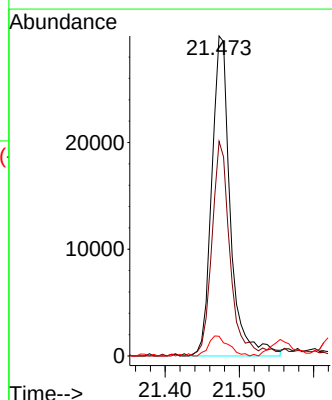
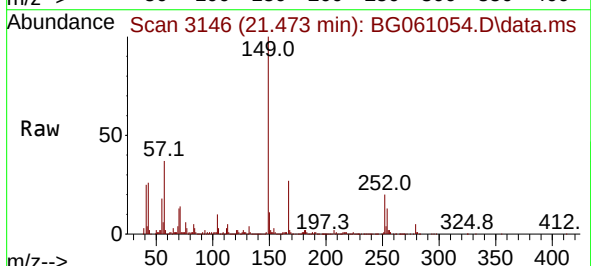
Tgt Ion:252 Resp: 52126

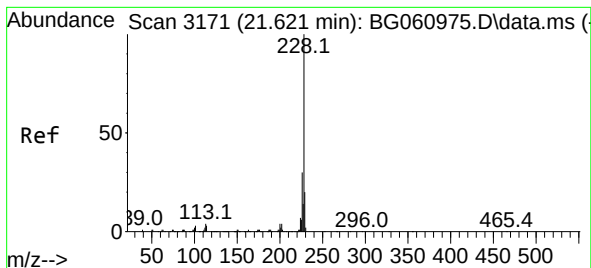
Ion Ratio Lower Upper

252 100

254 67.1 52.7 79.1

126 6.2 4.2 6.2





#83

Chrysene

Concen: 44.336 ng

RT: 21.625 min Scan# 3171

Delta R.T. 0.004 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

Instrument :

BNA_G

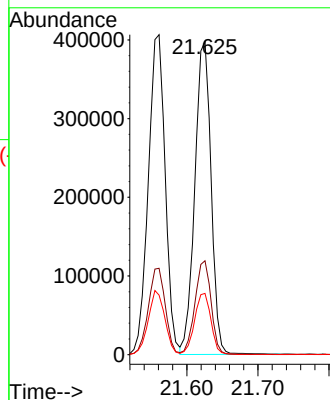
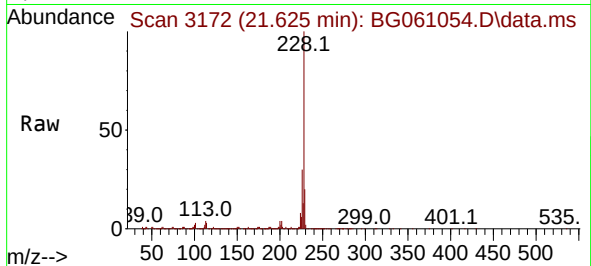
ClientSampleId :

SOILMS

Tgt Ion:228 Resp: 63239
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.6 15.7 23.5

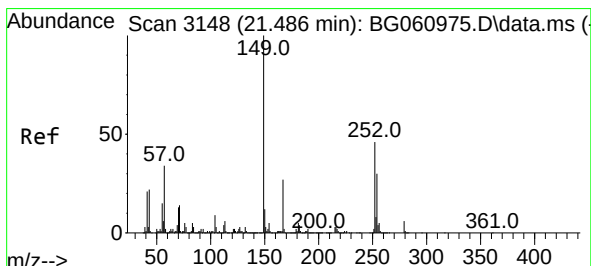
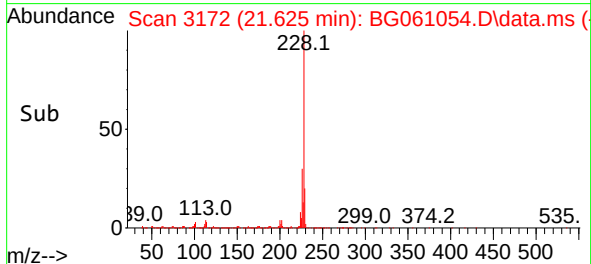
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay



04/30/2024
 Supervised By :mohammad
 ahmed

05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.113 ng

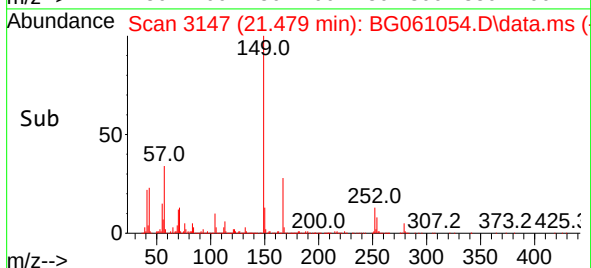
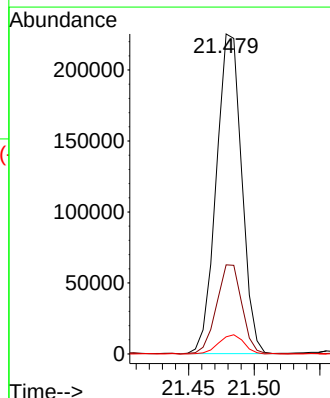
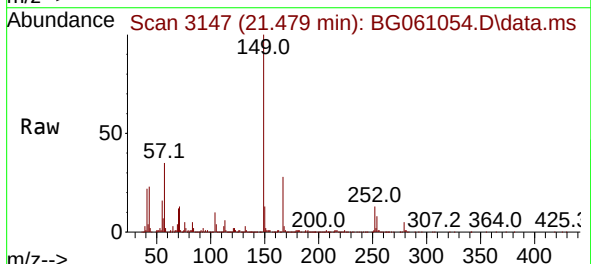
RT: 21.479 min Scan# 3147

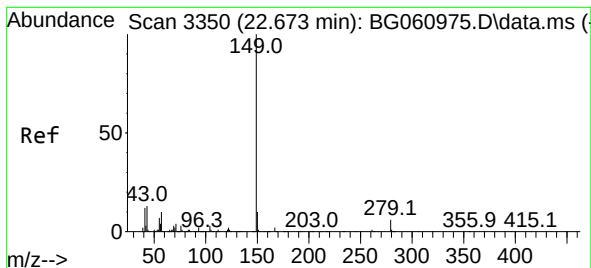
Delta R.T. -0.007 min

Lab File: BG061054.D

Acq: 29 Apr 2024 19:49

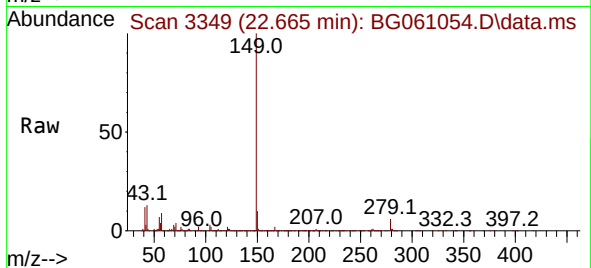
Tgt Ion:149 Resp: 303127
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 5.3 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 44.323 ng
RT: 22.665 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

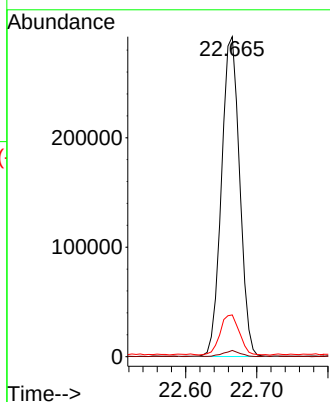
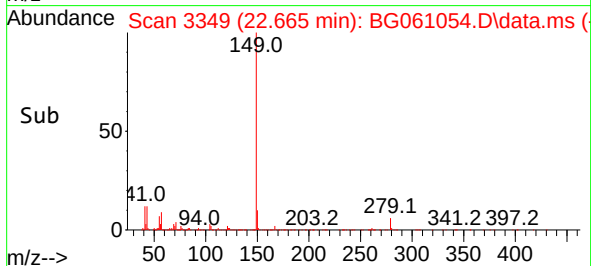
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:149 Resp: 517390
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.3 11.0 16.6

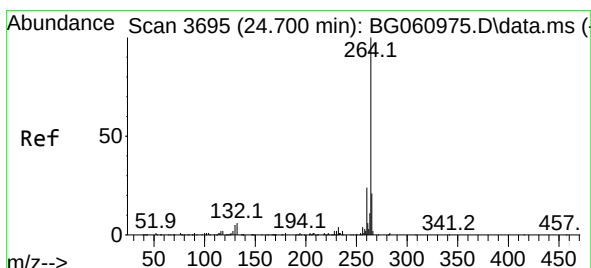
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



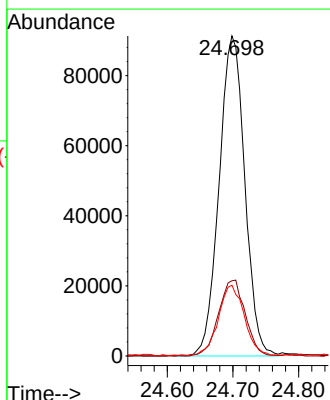
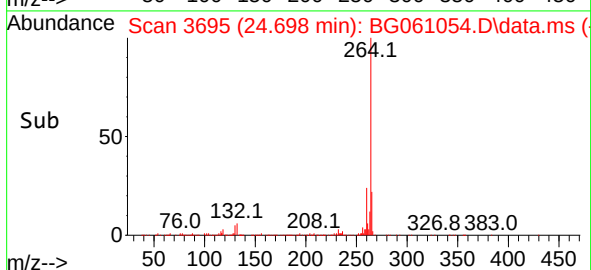
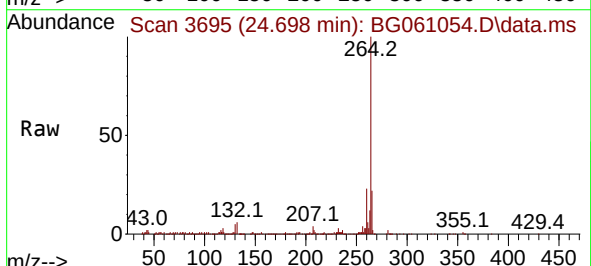
04/30/2024
Supervised By :mohammad
ahmed

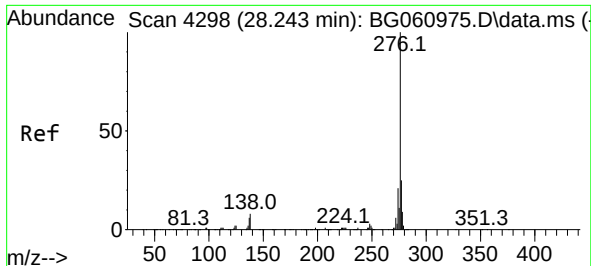
05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

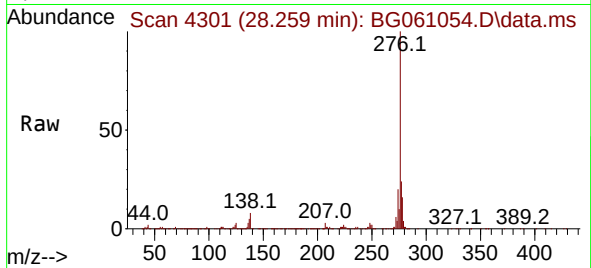
Tgt Ion:264 Resp: 248080
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.1 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.980 ng
 RT: 28.259 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: BG061054.D
 Acq: 29 Apr 2024 19:49

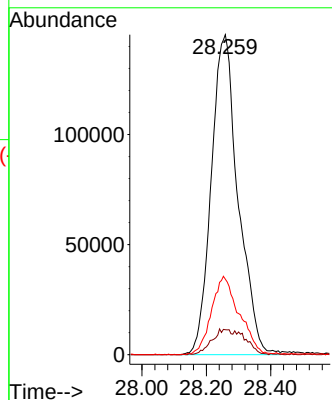
Instrument :
 BNA_G
 ClientSampleId :
 SOILMS



Tgt Ion:276 Resp: 84291
 Ion Ratio Lower Upper
 276 100
 138 5.7 5.3 7.9
 277 25.3 20.6 30.8

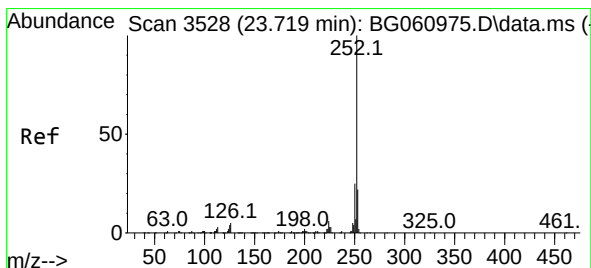
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay



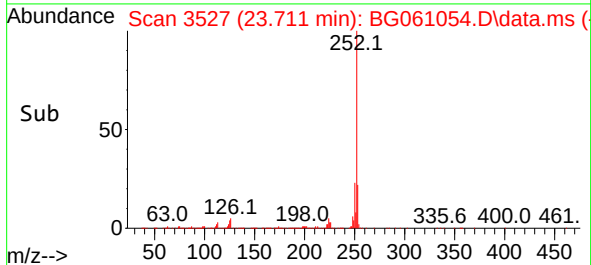
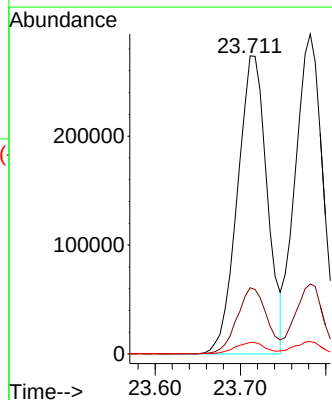
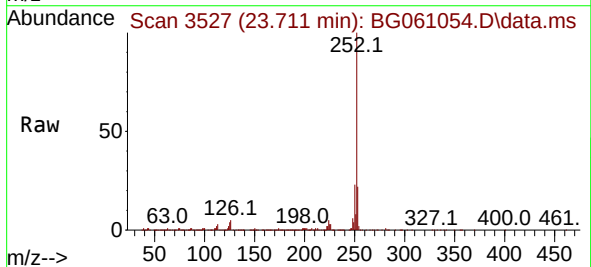
04/30/2024
 Supervised By :mohammad
 ahmed

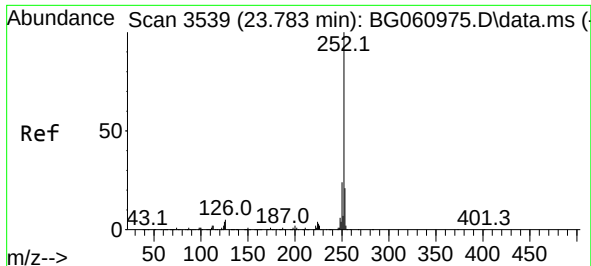
05/03/2024



#88
 Benzo(b)fluoranthene
 Concen: 47.247 ng
 RT: 23.711 min Scan# 3527
 Delta R.T. -0.007 min
 Lab File: BG061054.D
 Acq: 29 Apr 2024 19:49

Tgt Ion:252 Resp: 664222
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 3.9 3.3 4.9





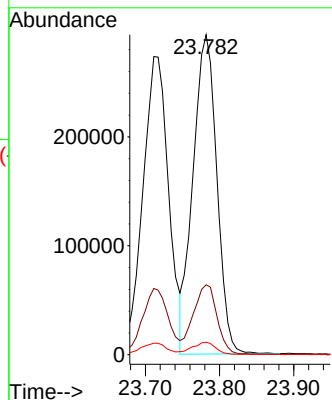
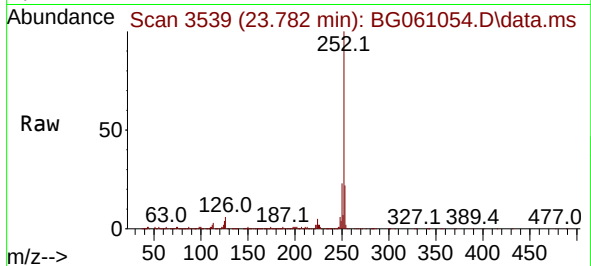
#89
Benzo(k)fluoranthene
Concen: 46.066 ng
RT: 23.782 min Scan# 3539
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tgt Ion:252 Resp: 65376
Ion Ratio Lower Upper
252 100
253 21.8 16.6 25.0
125 3.9 3.3 4.9

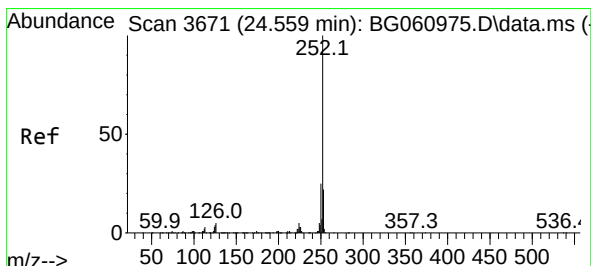
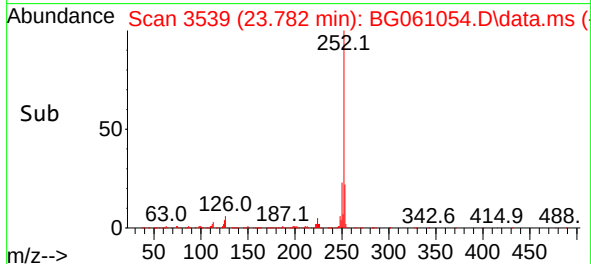
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



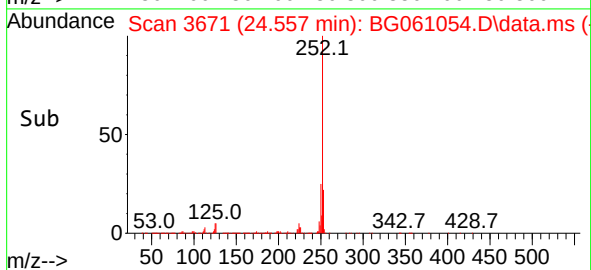
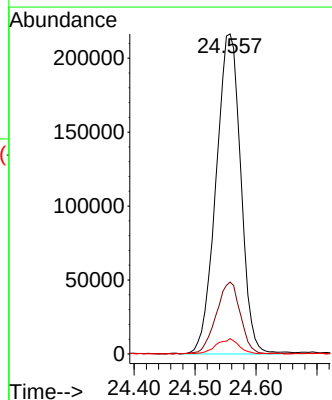
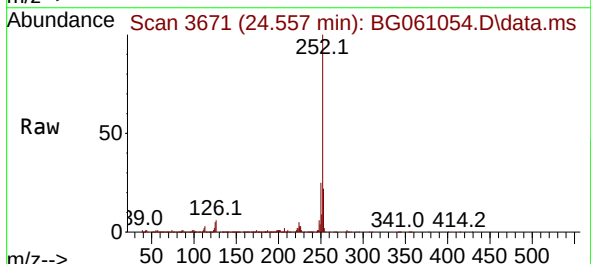
04/30/2024
Supervised By :mohammad
ahmed

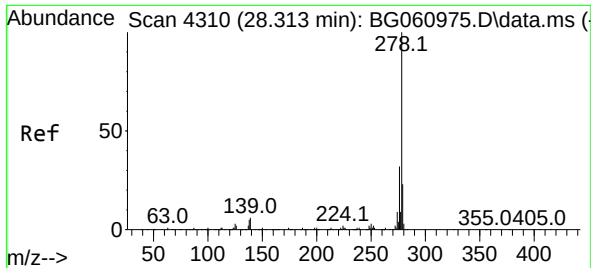
05/03/2024



#90
Benzo(a)pyrene
Concen: 44.874 ng
RT: 24.557 min Scan# 3671
Delta R.T. -0.001 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

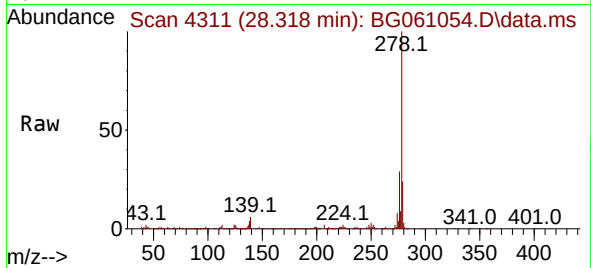
Tgt Ion:252 Resp: 610626
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 4.8 3.6 5.4





#91
Dibenzo(a,h)anthracene
Concen: 48.894 ng
RT: 28.318 min Scan# 4310
Delta R.T. 0.004 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49

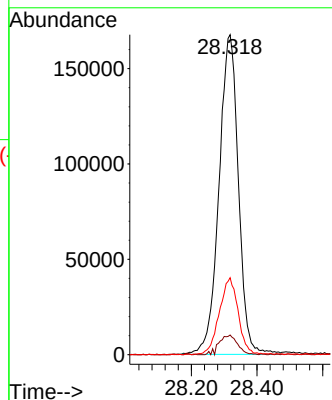
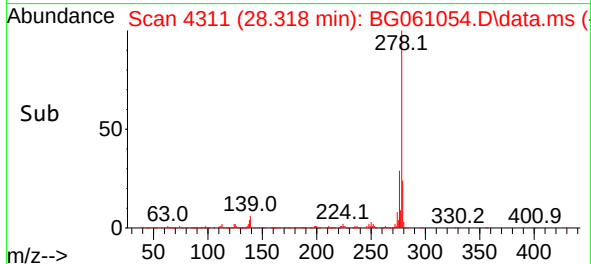
Instrument :
BNA_G
ClientSampleId :
SOILMS



Tgt Ion:278 Resp: 687460
Ion Ratio Lower Upper
278 100
139 6.2 4.7 7.1
279 24.0 18.2 27.4

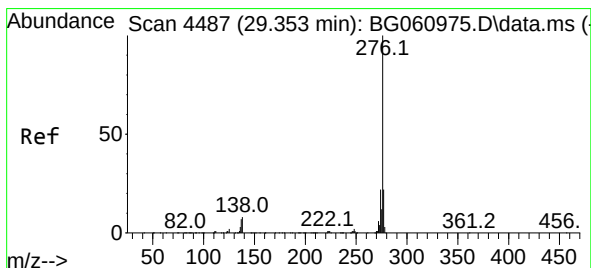
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

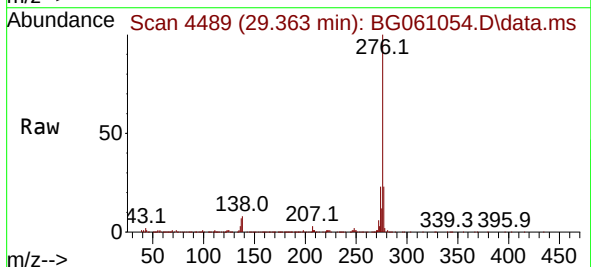


04/30/2024
Supervised By :mohammad
ahmed

05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 46.110 ng
RT: 29.363 min Scan# 4489
Delta R.T. 0.010 min
Lab File: BG061054.D
Acq: 29 Apr 2024 19:49



Tgt Ion:276 Resp: 642833
Ion Ratio Lower Upper
276 100
277 22.5 18.0 27.0
138 7.9 6.5 9.7

