

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060017.D
 Acq On : 14 Dec 2023 18:22
 Operator : MA/JU
 Sample : 05718-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MS

Quant Time: Dec 15 02:35:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 12/15/2023

Supervised By :mohammad
 ahmed
 12/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	89544	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	277468	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	199046	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	586272	20.000	ng	0.00
76) Chrysene-d12	21.614	240	783664	20.000	ng	0.00
86) Perylene-d12	24.798	264	907526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	581722	111.210	ng	0.00
7) Phenol-d6	7.113	99	797836	108.431	ng	0.00
23) Nitrobenzene-d5	9.116	82	605592	99.106	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	595807	128.443	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1469705	90.369	ng	0.00
79) Terphenyl-d14	19.963	244	3712297	86.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	86884	35.102	ng	91
3) Pyridine	3.828	79	183107	26.415	ng	94
4) n-Nitrosodimethylamine	3.746	42	135390	39.708	ng	89
6) Aniline	7.277	93	285013	38.030	ng	94
8) 2-Chlorophenol	7.518	128	217761	43.931	ng	94
9) Benzaldehyde	7.089	77	108062	24.154	ng	92
10) Phenol	7.142	94	285581	38.636	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	220560	41.681	ng	89
12) 1,3-Dichlorobenzene	7.841	146	272951	41.178	ng	97
13) 1,4-Dichlorobenzene	7.988	146	273528	39.656	ng	96
14) 1,2-Dichlorobenzene	8.311	146	267334	40.284	ng	95
15) Benzyl Alcohol	8.188	79	263372	44.536	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.488	45	427146	45.110	ng	98
17) 2-Methylphenol	8.394	107	208062	42.220	ng	94
18) Hexachloroethane	9.040	117	86399	41.350	ng	95
19) n-Nitroso-di-n-propyla...	8.758	70	200309	42.195	ng	# 97
20) 3+4-Methylphenols	8.717	107	272087	39.528	ng	95
22) Acetophenone	8.776	105	406670	50.295	ng	# 91
24) Nitrobenzene	9.158	77	309841	49.945	ng	98
25) Isophorone	9.680	82	482353	41.244	ng	# 98
26) 2-Nitrophenol	9.868	139	99897	43.785	ng	90
27) 2,4-Dimethylphenol	9.921	122	142301	45.502	ng	94
28) bis(2-Chloroethoxy)met...	10.168	93	257286	42.609	ng	98
29) 2,4-Dichlorophenol	10.403	162	253334	45.103	ng	94
30) 1,2,4-Trichlorobenzene	10.621	180	326199	42.905	ng	97
31) Naphthalene	10.809	128	615018	42.578	ng	98
33) 4-Chloroaniline	10.914	127	201619	36.684	ng	96
34) Hexachlorobutadiene	11.096	225	284773	40.924	ng	91
35) Caprolactam	11.684	113	52117m	36.526	ng	
36) 4-Chloro-3-methylphenol	12.037	107	202566	39.654	ng	95
37) 2-Methylnaphthalene	12.418	142	460682	40.664	ng	94
38) 1-Methylnaphthalene	12.636	142	444863	39.753	ng	96
40) 1,2,4,5-Tetrachloroben...	12.783	216	524677	50.562	ng	100
41) Hexachlorocyclopentadiene	12.765	237	430200	100.340	ng	98
43) 2,4,6-Trichlorophenol	13.018	196	274121	47.114	ng	97
44) 2,4,5-Trichlorophenol	13.094	196	284760	44.996	ng	98

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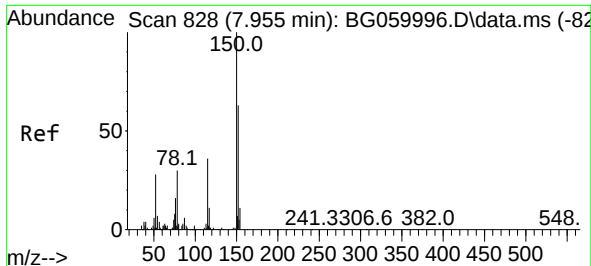
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.429	154	710469	48.130	ng	98
47) 2-Chloronaphthalene	13.470	162	586504	45.878	ng	98
48) 2-Nitroaniline	13.670	65	144626	52.408	ng	91
49) Acenaphthylene	14.316	152	862420	49.318	ng	98
50) Dimethylphthalate	14.046	163	680909	44.071	ng	98
51) 2,6-Dinitrotoluene	14.163	165	142135	44.410	ng	91
52) Acenaphthene	14.657	154	492171	40.887	ng	96
53) 3-Nitroaniline	14.492	138	113130	44.235	ng	# 93
55) Dibenzofuran	14.992	168	900962	45.985	ng	97
56) 4-Nitrophenol	14.792	139	131335	61.103	ng	93
57) 2,4-Dinitrotoluene	14.951	165	200101	44.477	ng	97
58) Fluorene	15.638	166	743088	44.978	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	278698m	42.306	ng	
60) Diethylphthalate	15.415	149	625789	44.021	ng	98
61) 4-Chlorophenyl-phenyle...	15.638	204	534036	44.882	ng	97
62) 4-Nitroaniline	15.656	138	130431	46.836	ng	89
63) Azobenzene	15.926	77	613886	43.799	ng	97
66) n-Nitrosodiphenylamine	15.850	169	670831	46.838	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	372881	45.078	ng	95
68) Hexachlorobenzene	16.643	284	441344	45.641	ng	96
70) Pentachlorophenol	16.984	266	116654	18.622	ng	90
71) Phenanthrene	17.383	178	1386104	48.811	ng	97
72) Anthracene	17.477	178	1424570	49.894	ng	98
73) Carbazole	17.742	167	1176642	48.496	ng	97
74) Di-n-butylphthalate	18.312	149	1104454	49.899	ng	99
75) Fluoranthene	19.398	202	2037715	49.174	ng	97
77) Benzidine	19.581	184	977984	97.158	ng	99
78) Pyrene	19.763	202	2092912	44.057	ng	99
80) Butylbenzylphthalate	20.656	149	424884	49.800	ng	96
81) Benzo(a)anthracene	21.590	228	2497441	47.443	ng	99
82) 3,3'-Dichlorobenzidine	21.508	252	795852	45.945	ng	100
83) Chrysene	21.661	228	2289146	45.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.514	149	642652	49.696	ng	99
85) Di-n-octyl phthalate	22.718	149	1149028	51.367	ng	100
87) Indeno(1,2,3-cd)pyrene	28.435	276	3111751	48.045	ng	# 99
88) Benzo(b)fluoranthene	23.787	252	2575921	45.959	ng	98
89) Benzo(k)fluoranthene	23.858	252	2420929	44.530	ng	98
90) Benzo(a)pyrene	24.651	252	2266798	45.649	ng	97
91) Dibenzo(a,h)anthracene	28.505	278	2622487	48.422	ng	100
92) Benzo(g,h,i)perylene	29.569	276	2458751	45.641	ng	97

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

Manual Integrations

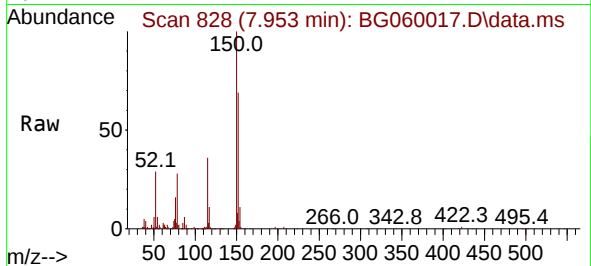
Supervised By :mohammad
ahmed
12/16/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

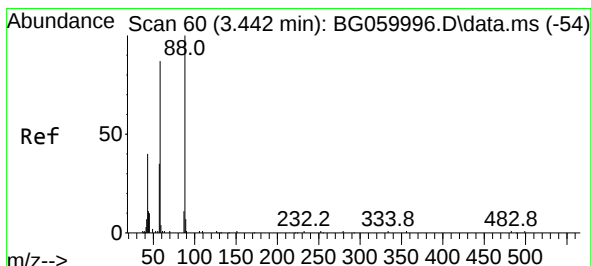
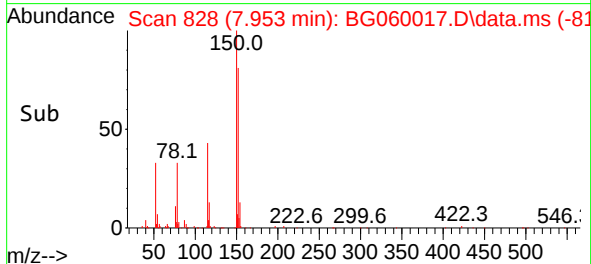
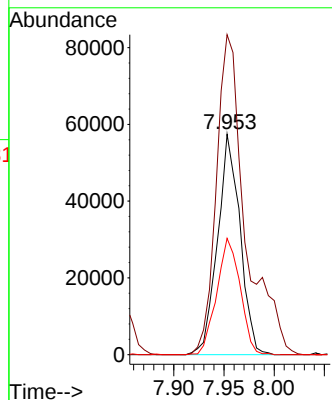


Tgt Ion:152 Resp: 89544
Ion Ratio Lower Upper
152 100
150 145.2 127.0 190.6
115 52.8 45.7 68.5

Manual Integrations
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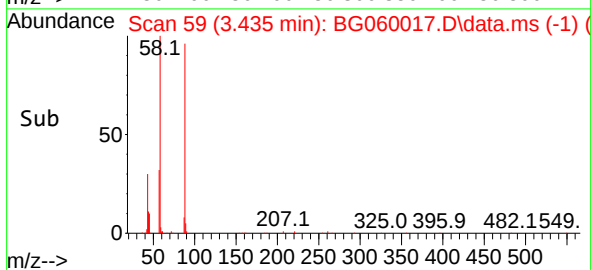
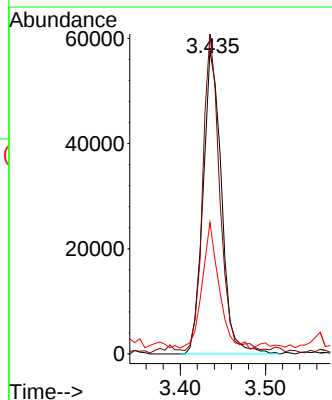
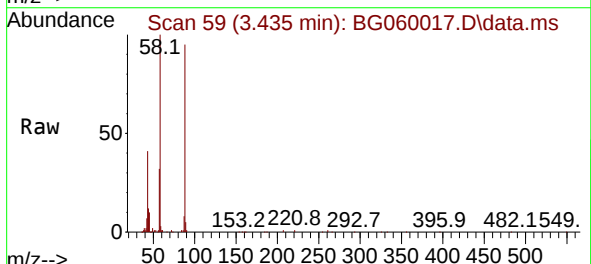
Reviewed By :Yogesh
Patel
12/15/2023

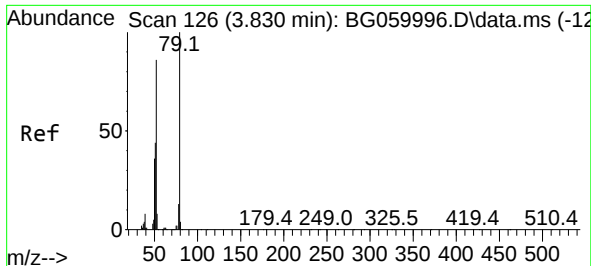
Supervised By :mohammad
ahmed
12/16/2023



#2
1,4-Dioxane
Concen: 35.102 ng
RT: 3.435 min Scan# 59
Delta R.T. -0.008 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

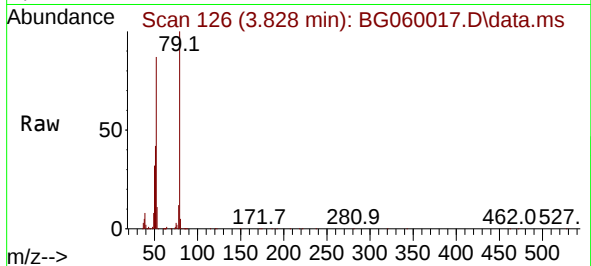
Tgt Ion: 88 Resp: 86884
Ion Ratio Lower Upper
88 100
58 96.2 68.5 102.7
43 38.7 28.8 43.2





#3
Pyridine
Concen: 26.415 ng
RT: 3.828 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

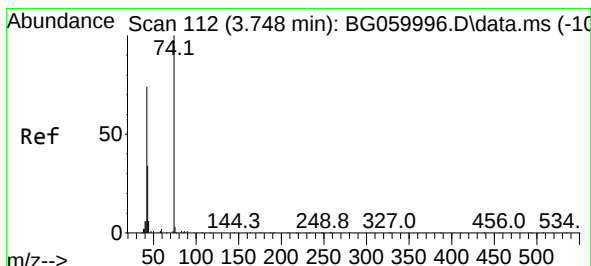
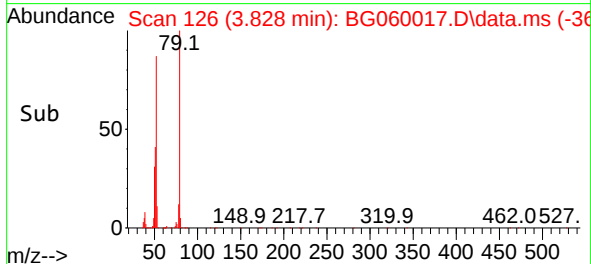
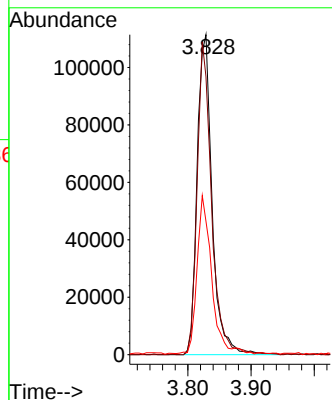


Tgt Ion: 79 Resp: 18310
Ion Ratio Lower Upper
79 100
52 86.9 68.7 103.1
51 41.7 41.1 61.7

Manual Integrations
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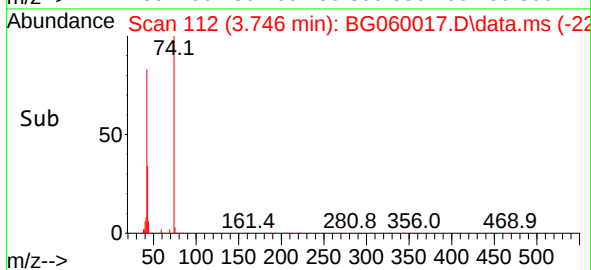
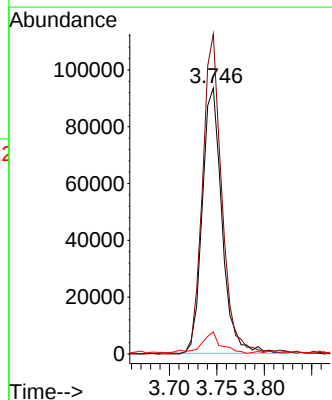
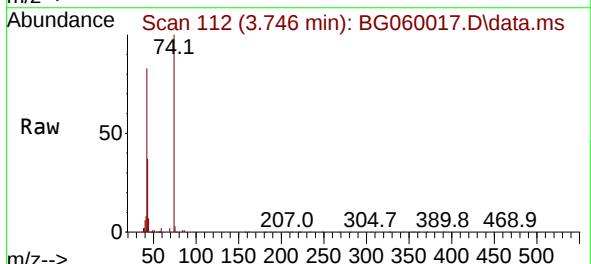
Reviewed By :Yogesh
Patel
12/15/2023

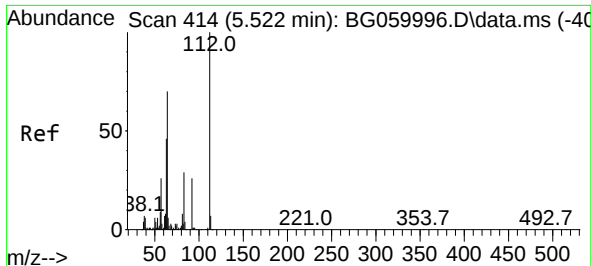
Supervised By :mohammad
ahmed
12/16/2023



#4
n-Nitrosodimethylamine
Concen: 39.708 ng
RT: 3.746 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion: 42 Resp: 135390
Ion Ratio Lower Upper
42 100
74 120.3 107.4 161.2
44 8.3 6.0 9.0





#5
2-Fluorophenol
Concen: 111.210 ng
RT: 5.527 min Scan# 414
Delta R.T. 0.005 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

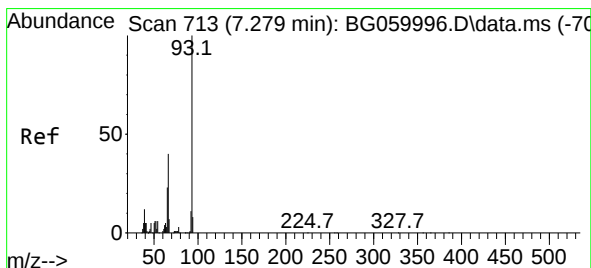
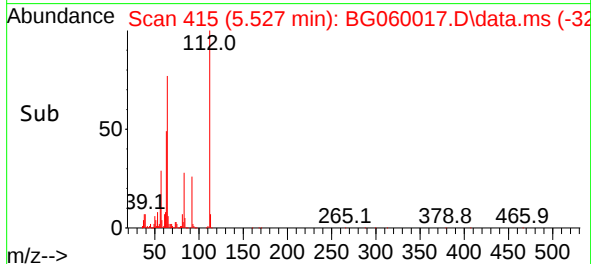
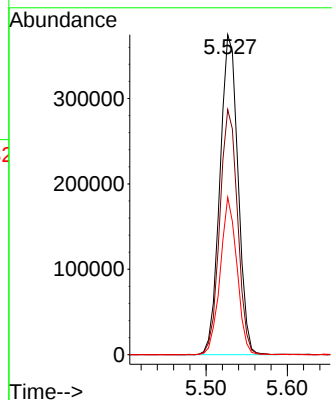
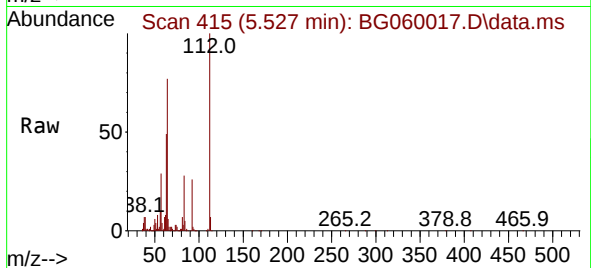
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

Tgt Ion:112 Resp: 58172
Ion Ratio Lower Upper
112 100
64 76.6 55.9 83.9
63 49.2 36.5 54.7

Manual Integrations
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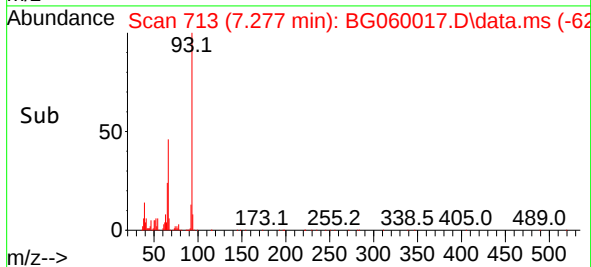
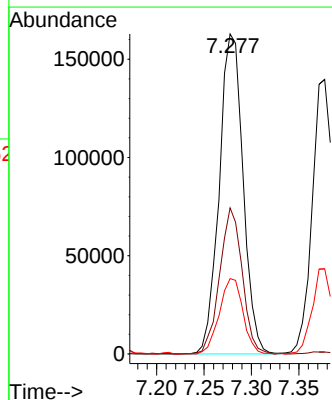
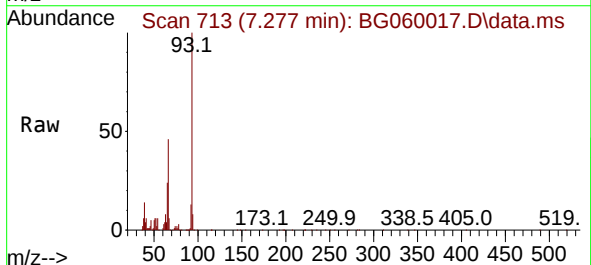
Reviewed By :Yogesh
Patel
12/15/2023

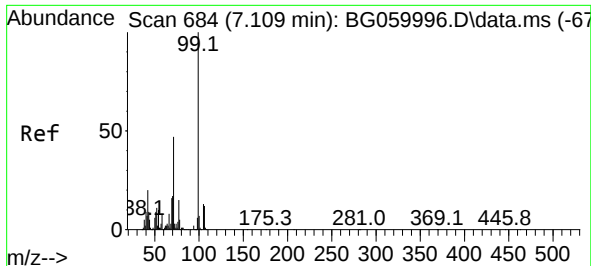
Supervised By :mohammad
ahmed
12/16/2023



#6
Aniline
Concen: 38.030 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

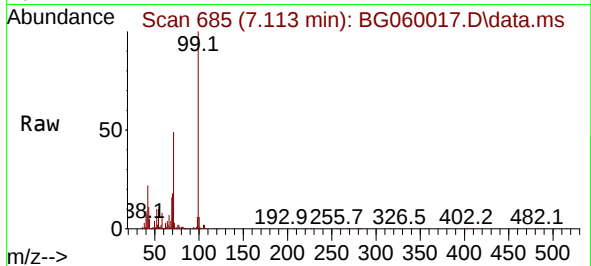
Tgt Ion: 93 Resp: 285013
Ion Ratio Lower Upper
93 100
66 45.7 31.8 47.8
65 23.5 18.6 28.0





#7
Phenol-d6
Concen: 108.431 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

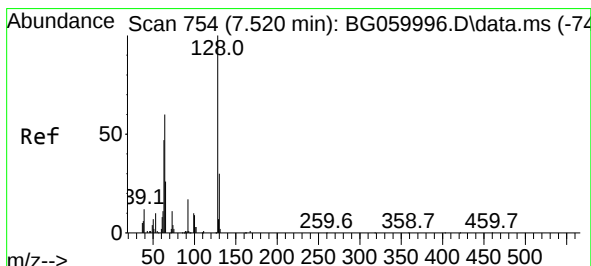
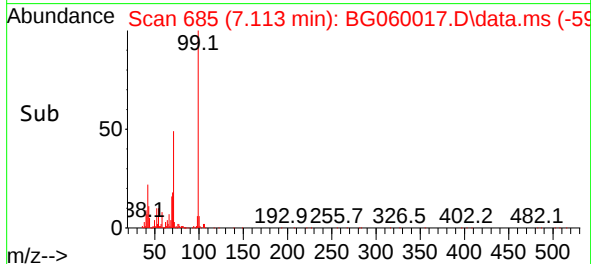
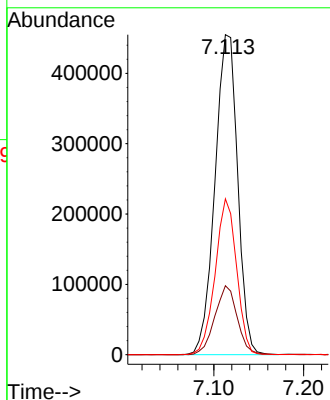


Tgt Ion: 99 Resp: 797830
Ion Ratio Lower Upper
99 100
42 21.5 16.2 24.4
71 48.7 37.6 56.4

Manual Integrations
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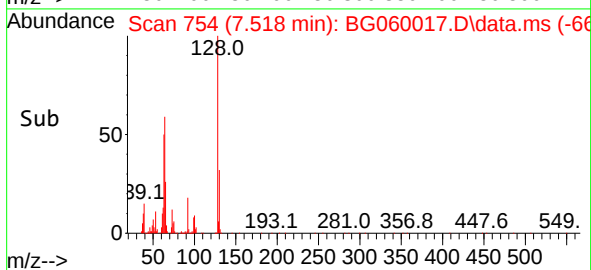
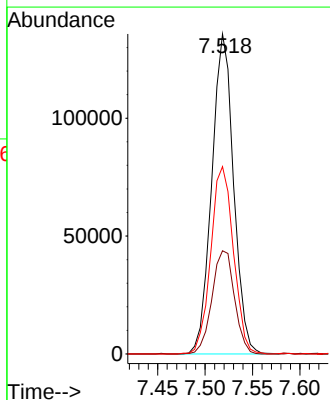
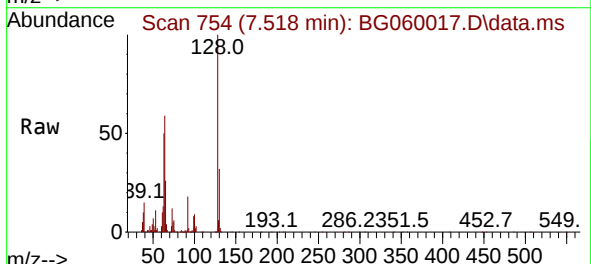
Reviewed By :Yogesh
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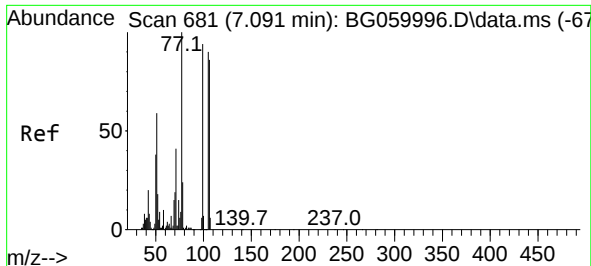
Supervised By :mohammad
ahmed
12/16/2023



#8
2-Chlorophenol
Concen: 43.931 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

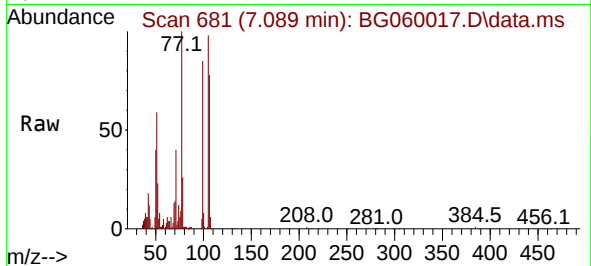
Tgt Ion:128 Resp: 217761
Ion Ratio Lower Upper
128 100
130 32.3 10.3 50.3
64 58.5 44.2 84.2





#9
Benzaldehyde
Concen: 24.154 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
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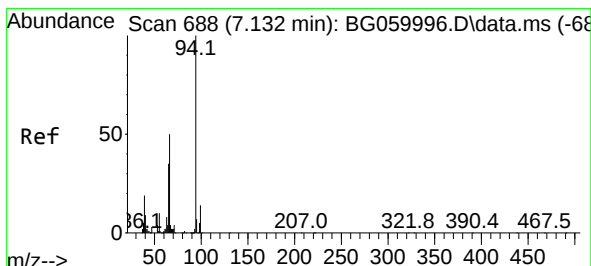
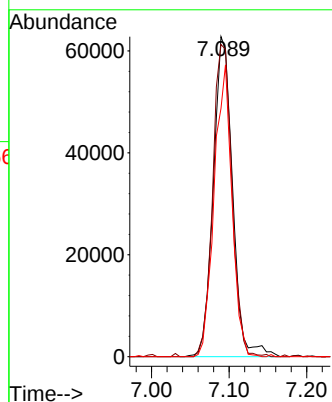


Tgt Ion: 77 Resp: 108062
Ion Ratio Lower Upper
77 100
105 97.5 70.5 110.5
106 77.6 66.0 106.0

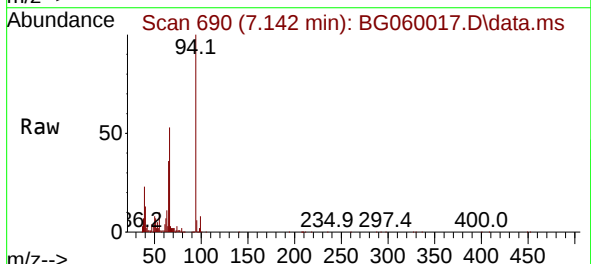
Manual Integrations
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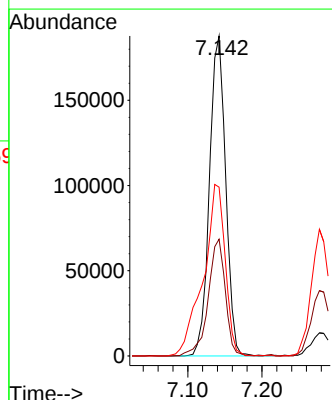
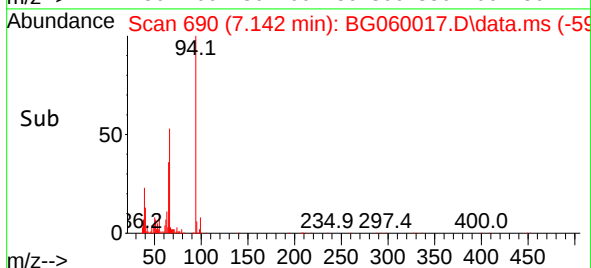
Supervised By :mohammad
ahmed
12/16/2023

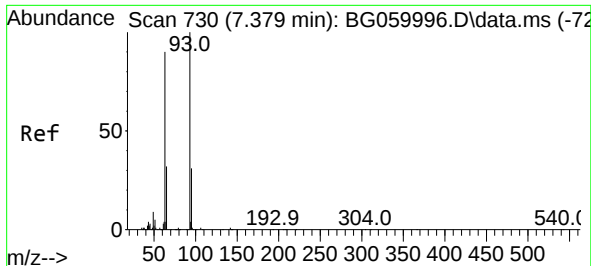


#10
Phenol
Concen: 38.636 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.010 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22



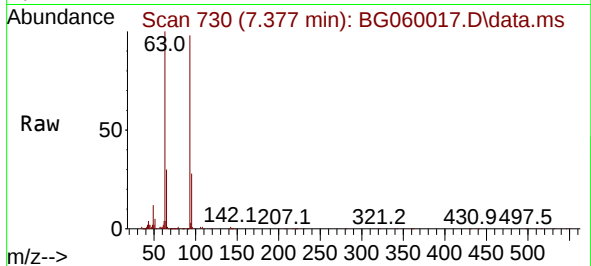
Tgt Ion: 94 Resp: 285581
Ion Ratio Lower Upper
94 100
65 36.5 15.5 55.5
66 52.8 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 41.681 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

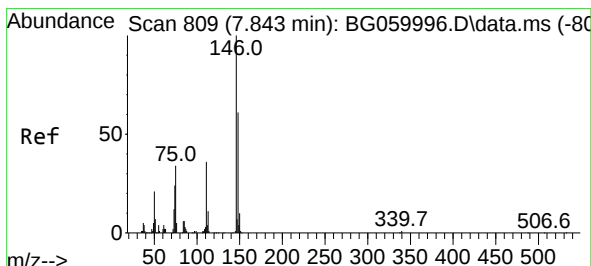
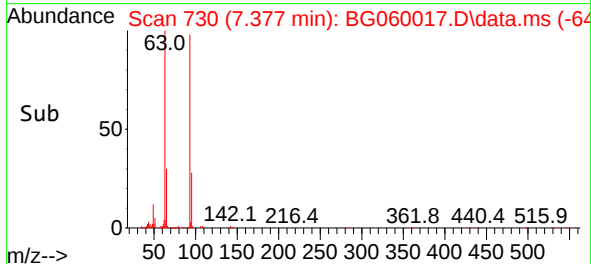
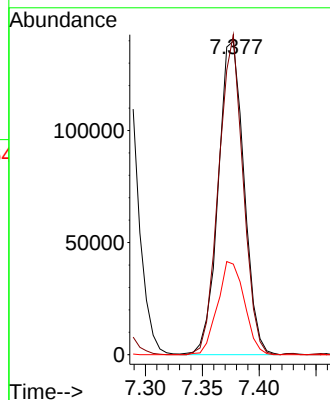


Tgt Ion: 93 Resp: 220560
Ion Ratio Lower Upper
93 100
63 102.1 69.8 109.8
95 28.9 10.7 50.7

Manual Integrations
APPROVED

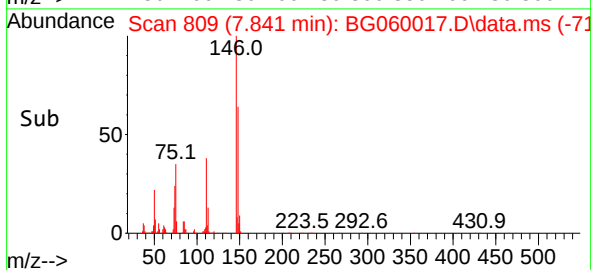
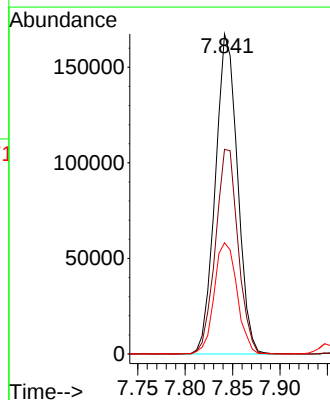
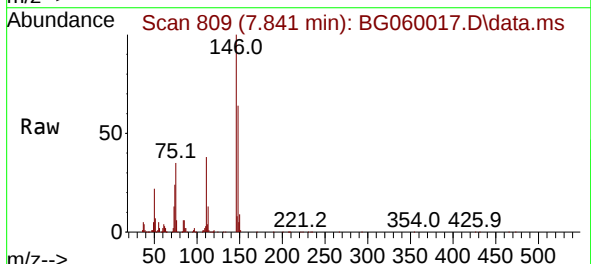
Reviewed By :Yogesh
Patel
12/15/2023

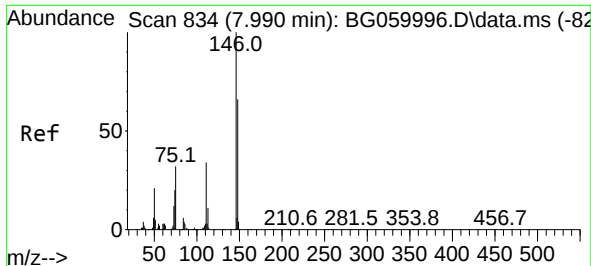
Supervised By :mohammad
ahmed
12/16/2023



#12
1,3-Dichlorobenzene
Concen: 41.178 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

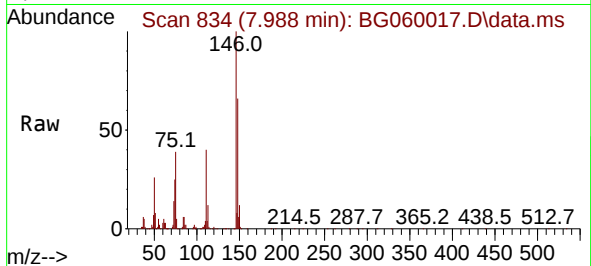
Tgt Ion:146 Resp: 272951
Ion Ratio Lower Upper
146 100
148 64.0 49.1 73.7
75 34.7 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 39.656 ng
RT: 7.988 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

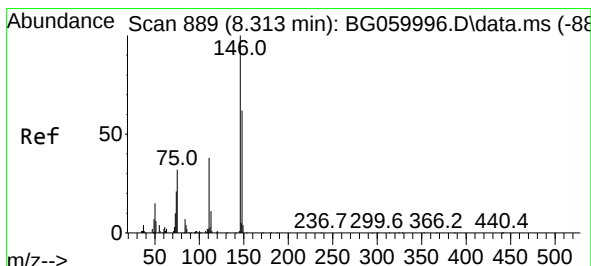
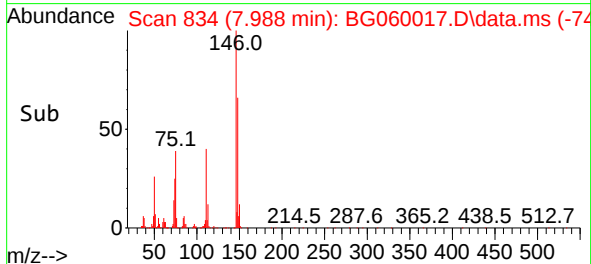
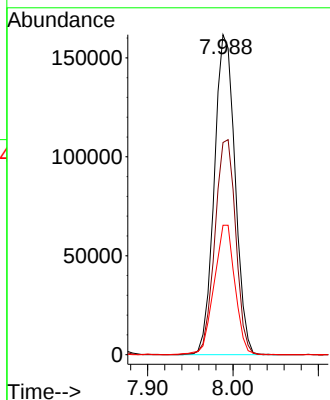


Tgt Ion:146 Resp: 273528
Ion Ratio Lower Upper
146 100
148 66.3 52.9 79.3
111 40.5 27.6 41.4

Manual Integrations
APPROVED

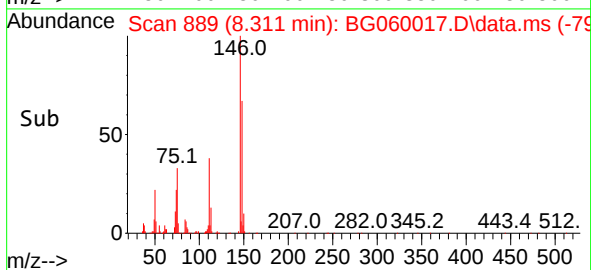
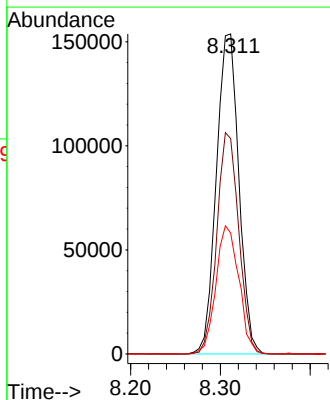
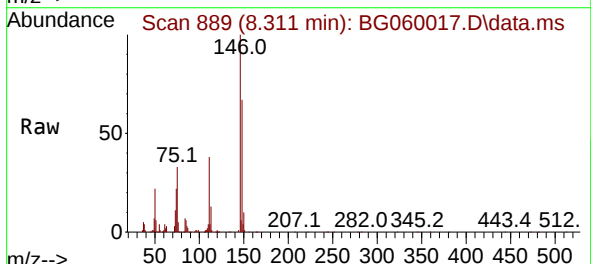
Reviewed By :Yogesh
Patel
12/15/2023

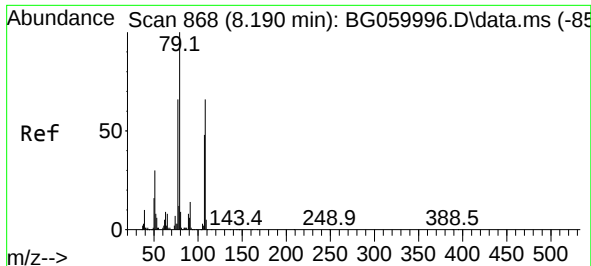
Supervised By :mohammad
ahmed
12/16/2023



#14
1,2-Dichlorobenzene
Concen: 40.284 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

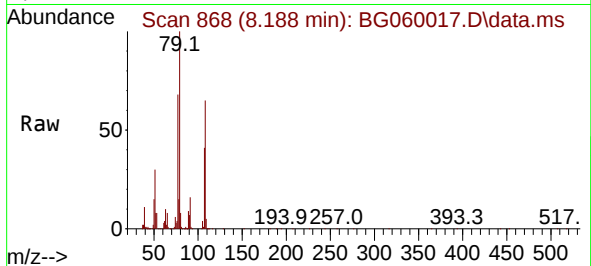
Tgt Ion:146 Resp: 267334
Ion Ratio Lower Upper
146 100
148 67.3 49.7 74.5
111 37.8 30.9 46.3





#15
Benzyl Alcohol
Concen: 44.536 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

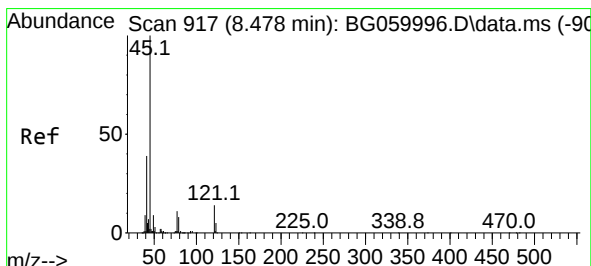
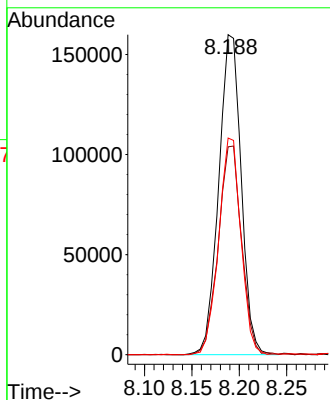
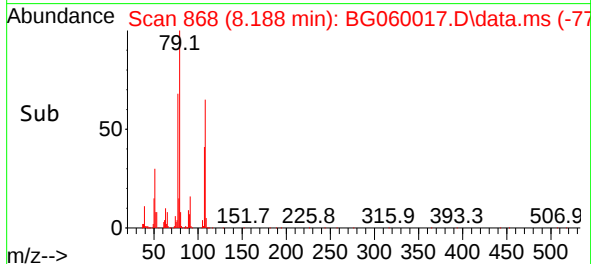


Tgt Ion: 79 Resp: 263372
Ion Ratio Lower Upper
79 100
108 65.0 53.1 79.7
77 67.7 52.8 79.2

Manual Integrations
APPROVED

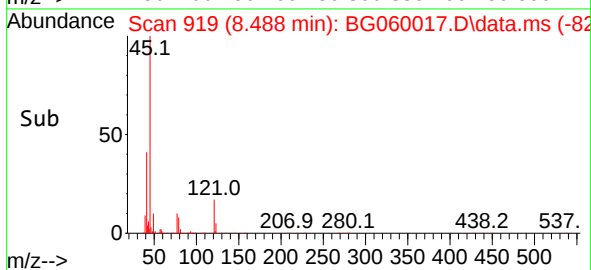
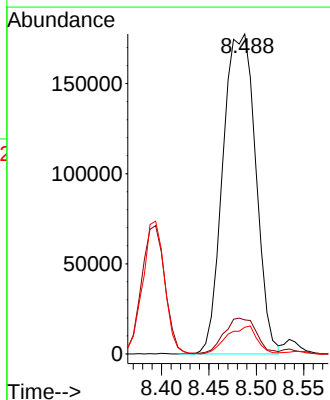
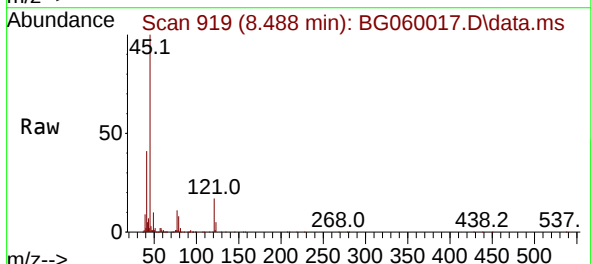
Reviewed By :Yogesh
Patel
12/15/2023

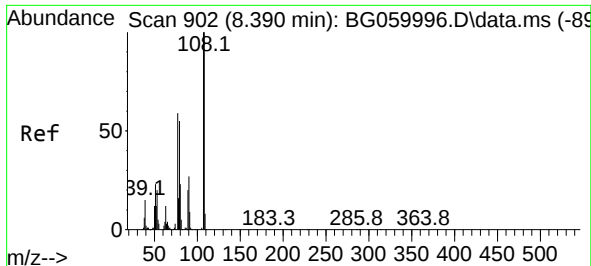
Supervised By :mohammad
ahmed
12/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.110 ng
RT: 8.488 min Scan# 919
Delta R.T. 0.010 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

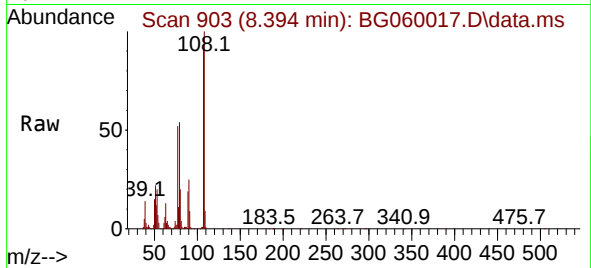
Tgt Ion: 45 Resp: 427146
Ion Ratio Lower Upper
45 100
77 10.6 0.0 31.7
79 8.4 0.0 28.7





#17
2-Methylphenol
Concen: 42.220 ng
RT: 8.394 min Scan# 902
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

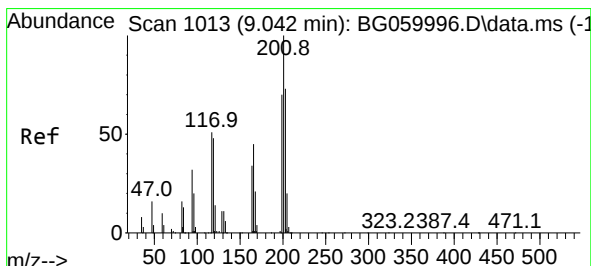
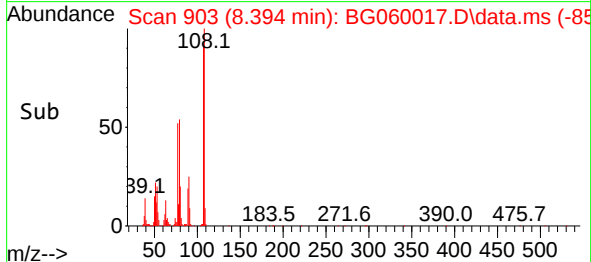
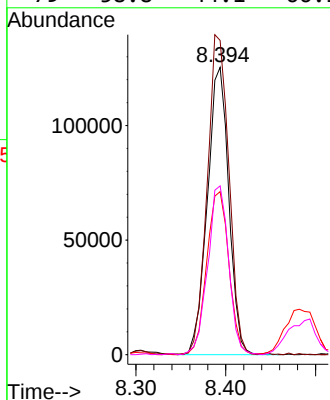


Tgt Ion:107 Resp: 208062
Ion Ratio Lower Upper
107 100
108 109.4 80.7 121.1
77 56.7 47.8 71.6
79 58.8 44.1 66.1

Manual Integrations
APPROVED

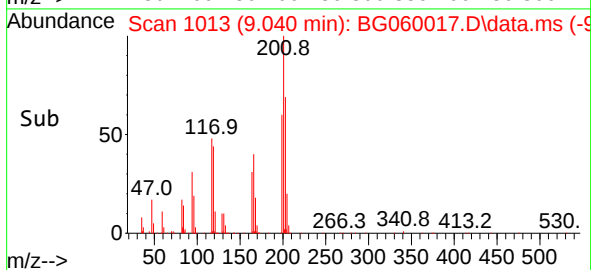
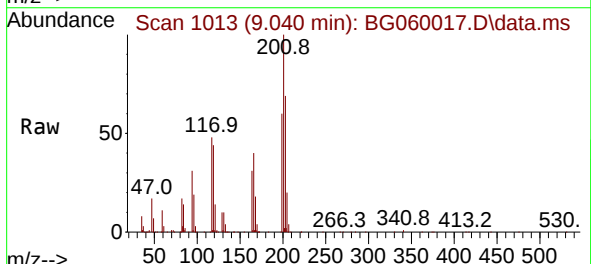
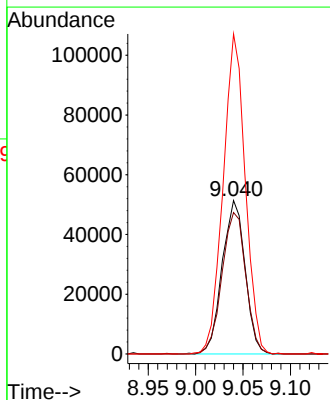
Reviewed By :Yogesh
Patel
12/15/2023

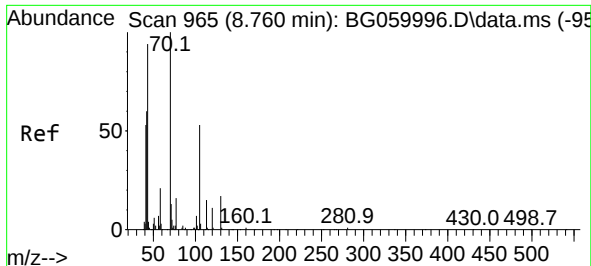
Supervised By :mohammad
ahmed
12/16/2023



#18
Hexachloroethane
Concen: 41.350 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

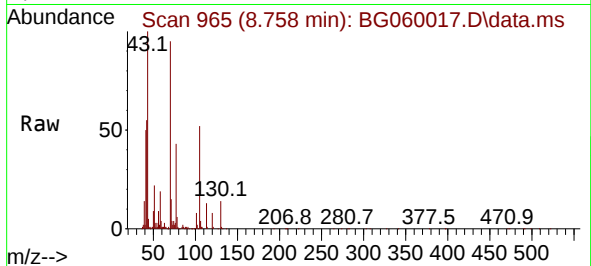
Tgt Ion:117 Resp: 86399
Ion Ratio Lower Upper
117 100
119 91.6 74.5 111.7
201 204.7 156.5 234.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.195 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

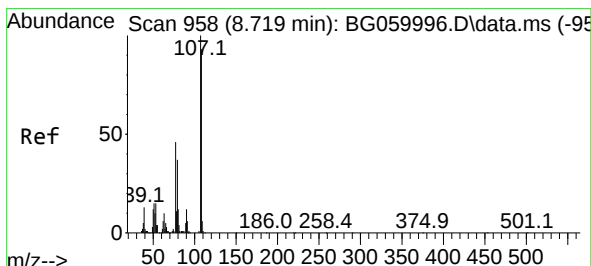
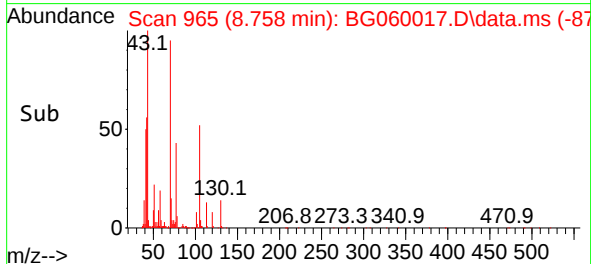
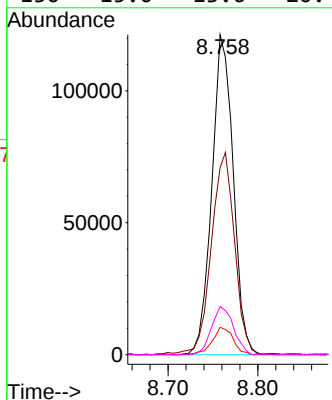


Tgt Ion: 70 Resp: 200309
Ion Ratio Lower Upper
70 100
42 58.5 48.6 73.0
101 8.6 5.7 8.5
130 15.0 13.6 20.4

Manual Integrations
APPROVED

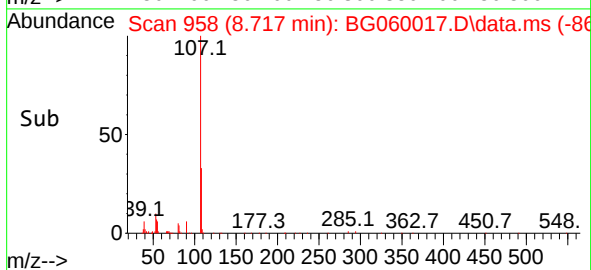
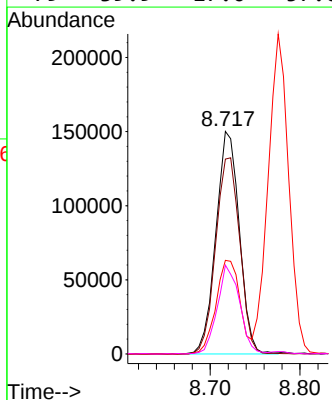
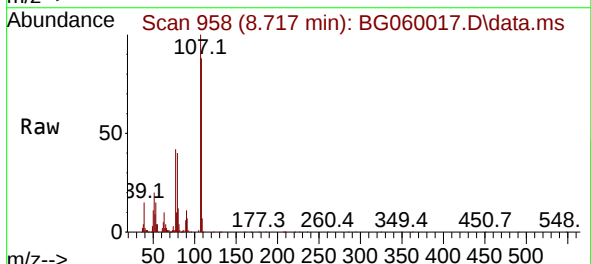
Reviewed By :Yogesh
Patel
12/15/2023

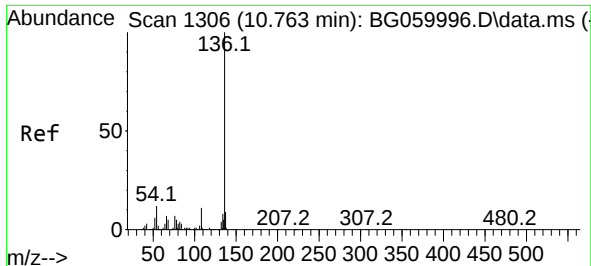
Supervised By :mohammad
ahmed
12/16/2023



#20
3+4-Methylphenols
Concen: 39.528 ng
RT: 8.717 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

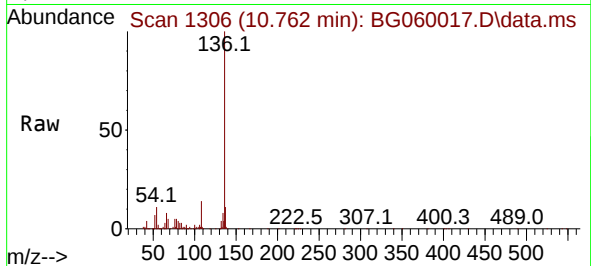
Tgt Ion:107 Resp: 272087
Ion Ratio Lower Upper
107 100
108 87.6 72.8 112.8
77 42.1 25.6 65.6
79 39.9 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

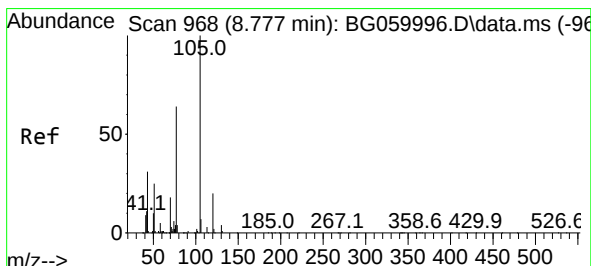
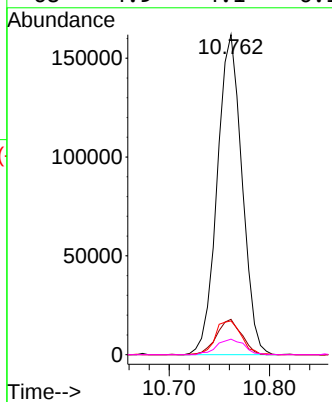


Tgt Ion:136 Resp: 277468
Ion Ratio Lower Upper
136 100
137 11.1 7.3 10.9#
54 10.5 9.6 14.4#
68 4.9 4.1 6.1#

Manual Integrations
APPROVED

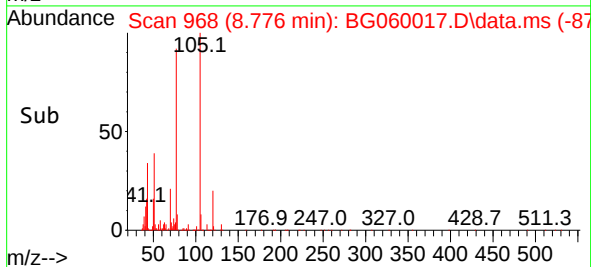
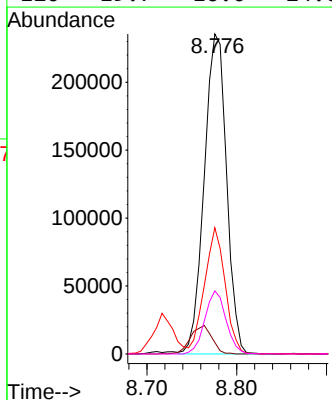
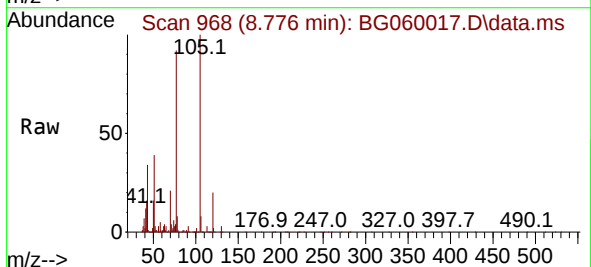
Reviewed By :Yogesh
Patel
12/15/2023

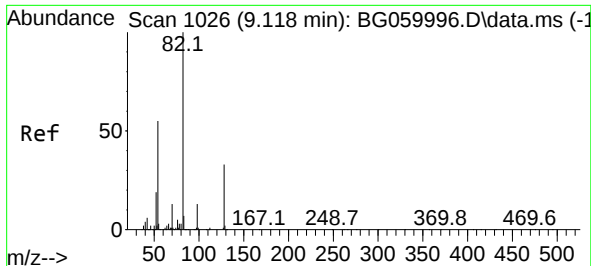
Supervised By :mohammad
ahmed
12/16/2023



#22
Acetophenone
Concen: 50.295 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

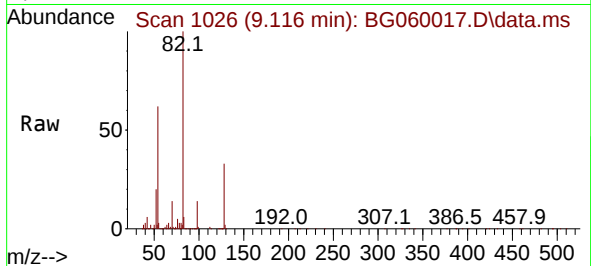
Tgt Ion:105 Resp: 406670
Ion Ratio Lower Upper
105 100
71 3.6 2.1 3.1#
51 39.4 25.4 38.0#
120 19.7 16.0 24.0#





#23
Nitrobenzene-d5
Concen: 99.106 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

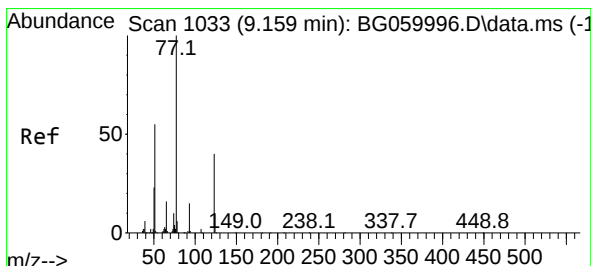
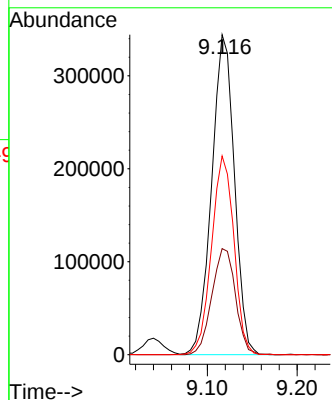


Tgt Ion: 82 Resp: 605592
Ion Ratio Lower Upper
82 100
128 33.1 26.3 39.5
54 62.1 44.3 66.5

Manual Integrations
APPROVED

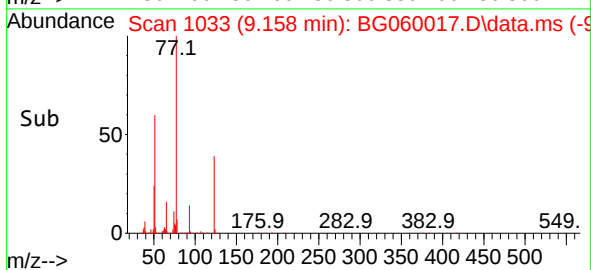
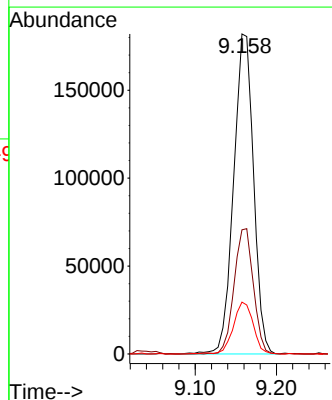
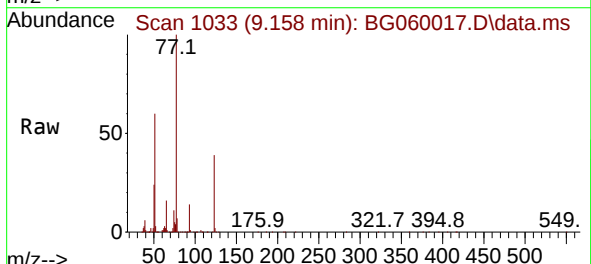
Reviewed By :Yogesh
Patel
12/15/2023

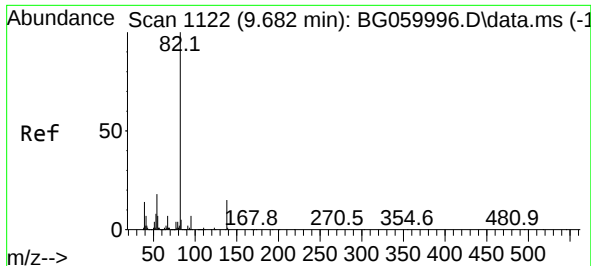
Supervised By :mohammad
ahmed
12/16/2023



#24
Nitrobenzene
Concen: 49.945 ng
RT: 9.158 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

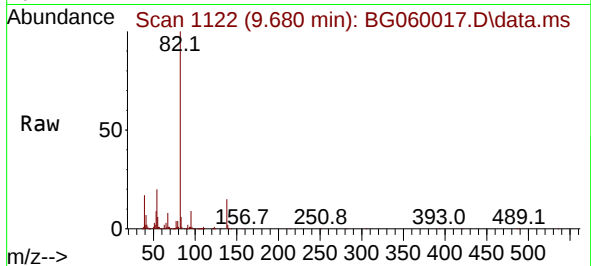
Tgt Ion: 77 Resp: 309841
Ion Ratio Lower Upper
77 100
123 38.8 32.1 48.1
65 16.2 13.0 19.4





#25
Isophorone
Concen: 41.244 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

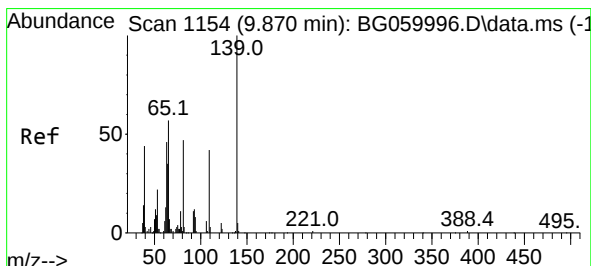
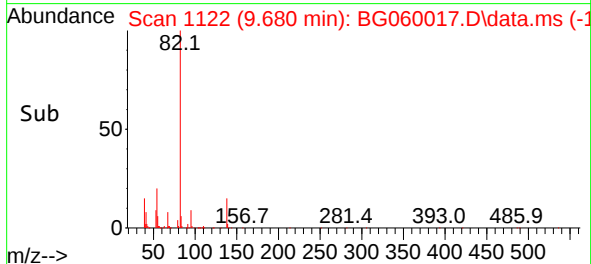
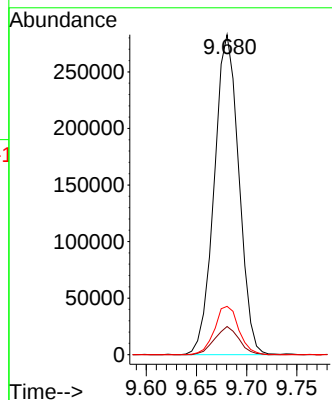


Tgt Ion: 82 Resp: 48235
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8
138 15.1 11.6 17.4

Manual Integrations
APPROVED

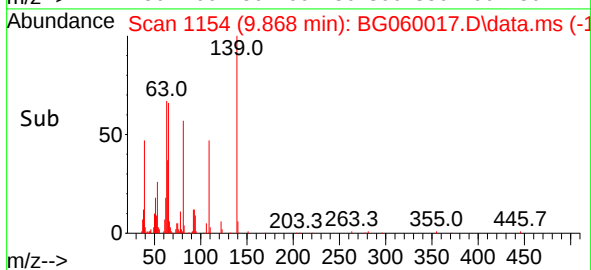
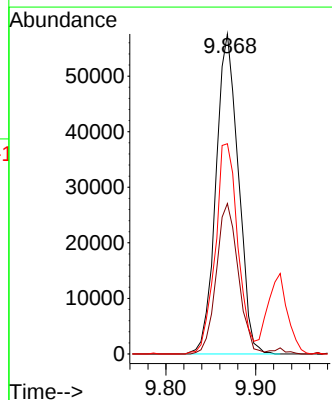
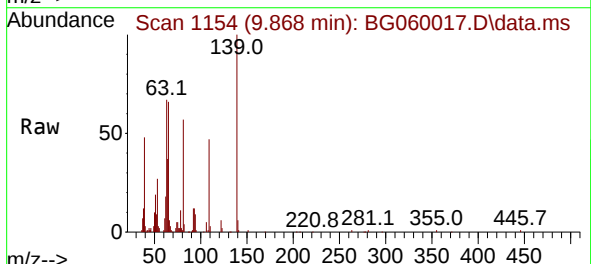
Reviewed By :Yogesh
Patel
12/15/2023

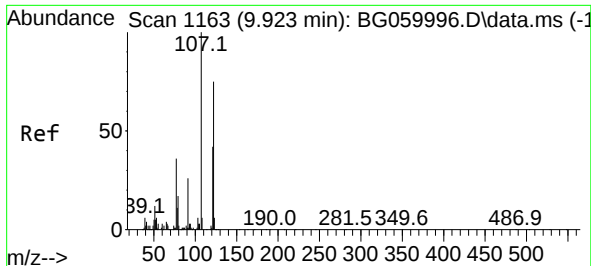
Supervised By :mohammad
ahmed
12/16/2023



#26
2-Nitrophenol
Concen: 43.785 ng
RT: 9.868 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

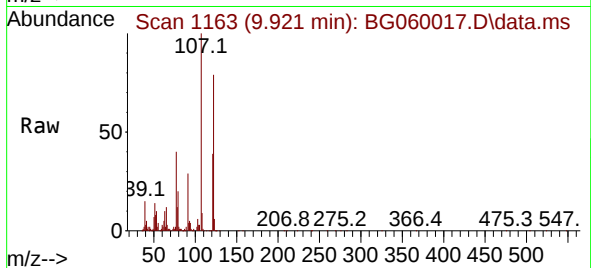
Tgt Ion:139 Resp: 99897
Ion Ratio Lower Upper
139 100
109 47.0 33.8 50.6
65 65.7 45.2 67.8





#27
2,4-Dimethylphenol
Concen: 45.502 ng
RT: 9.921 min Scan# 1163
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

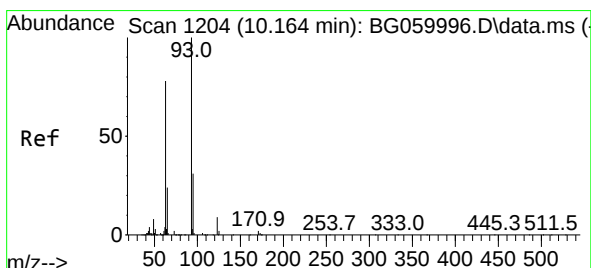
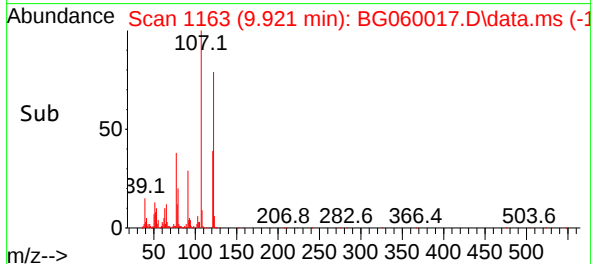
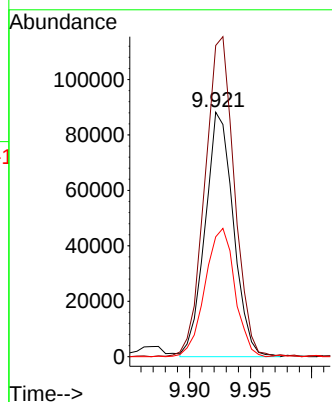


Tgt Ion:122 Resp: 14230
Ion Ratio Lower Upper
122 100
107 127.3 105.9 158.9
121 49.0 44.5 66.7

Manual Integrations
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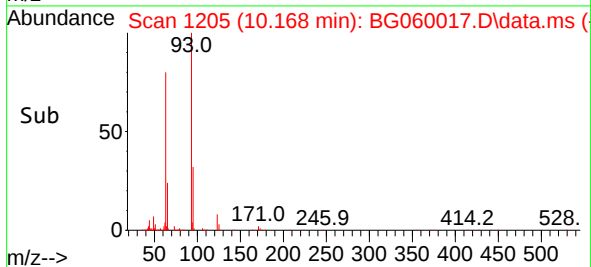
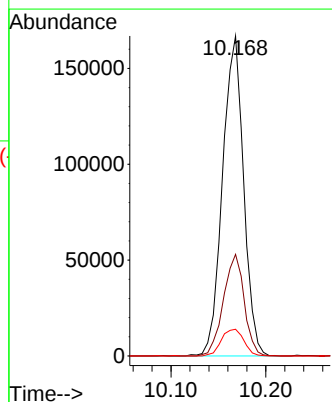
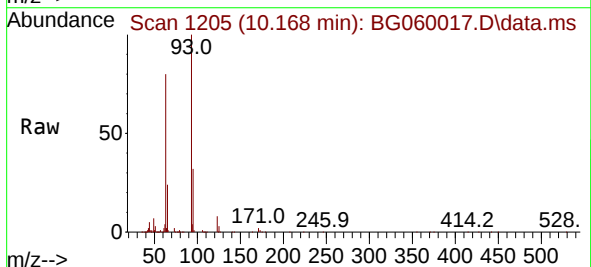
Reviewed By :Yogesh
Patel
12/15/2023

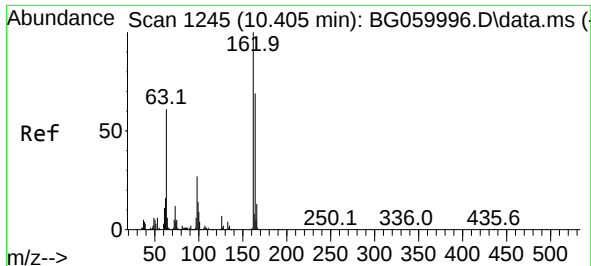
Supervised By :mohammad
ahmed
12/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.609 ng
RT: 10.168 min Scan# 1205
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion: 93 Resp: 257286
Ion Ratio Lower Upper
93 100
95 31.8 24.7 37.1
123 8.4 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 45.103 ng

RT: 10.403 min Scan# 1245

Delta R.T. -0.002 min

Lab File: BG060017.D

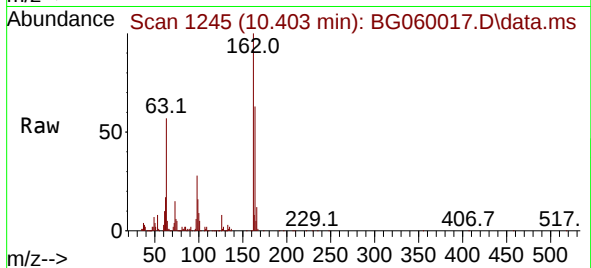
Acq: 14 Dec 2023 18:22

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MS



Tgt Ion:162 Resp: 253334

Ion Ratio Lower Upper

162 100

164 62.9 48.8 88.8

98 28.2 7.2 47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

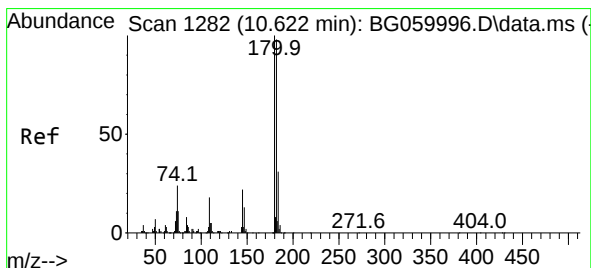
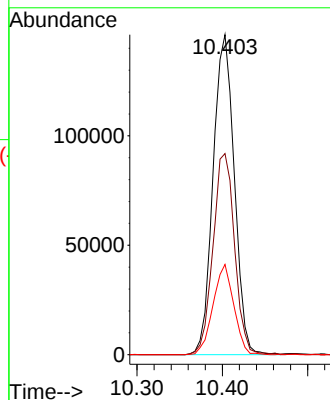
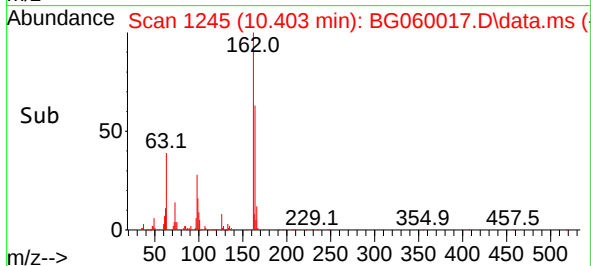
Patel

12/15/2023

Supervised By :mohammad

ahmed

12/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.905 ng

RT: 10.621 min Scan# 1282

Delta R.T. -0.002 min

Lab File: BG060017.D

Acq: 14 Dec 2023 18:22

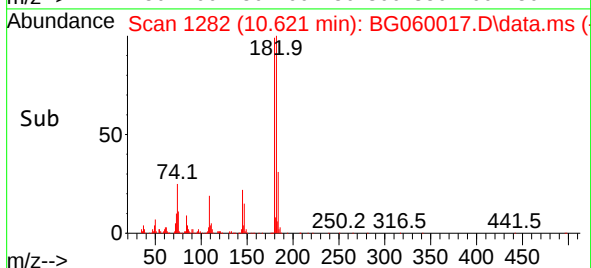
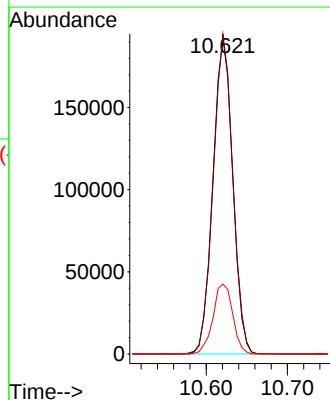
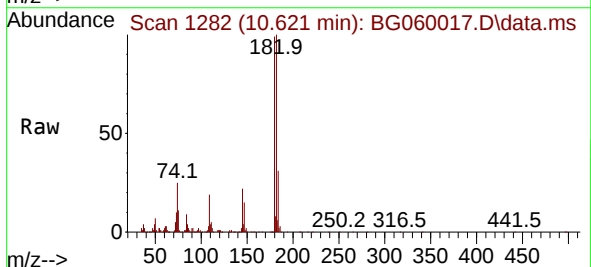
Tgt Ion:180 Resp: 326199

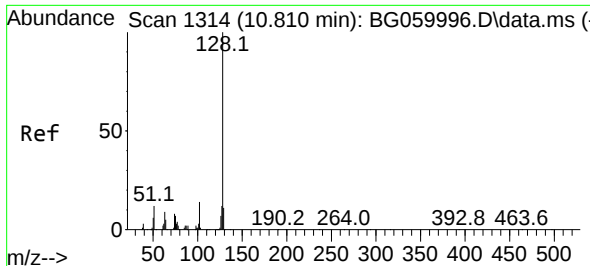
Ion Ratio Lower Upper

180 100

182 101.3 78.2 117.4

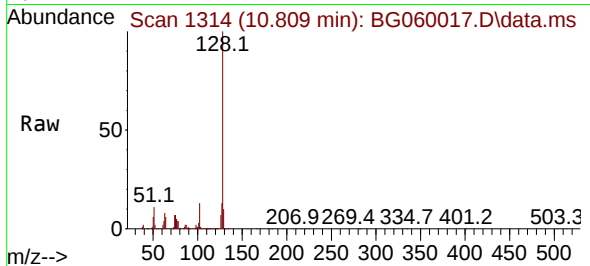
145 22.1 17.2 25.8





#31
Naphthalene
Concen: 42.578 ng
RT: 10.809 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

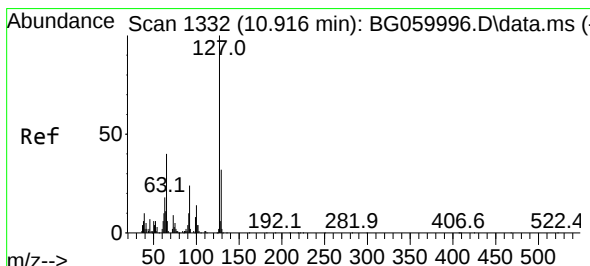
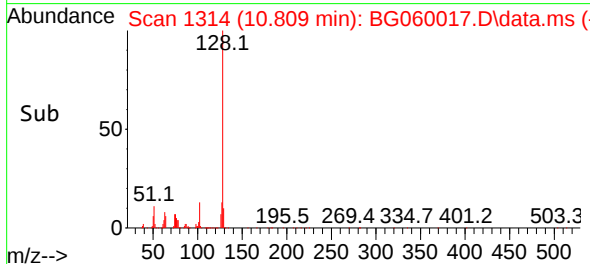
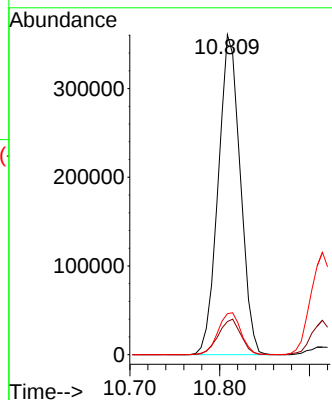


Tgt Ion:128 Resp: 615018
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 12.8 9.7 14.5

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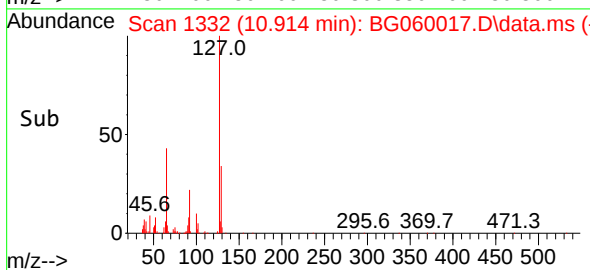
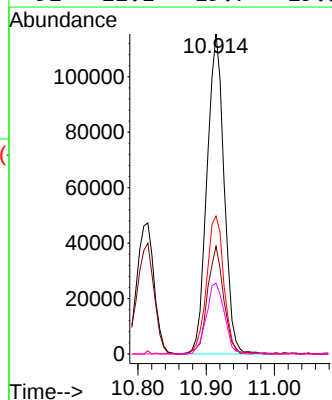
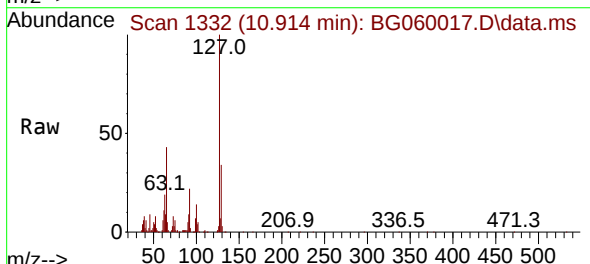
Reviewed By :Yogesh
Patel
12/15/2023

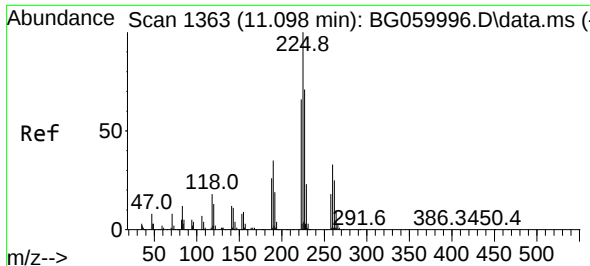
Supervised By :mohammad
ahmed
12/16/2023



#33
4-Chloroaniline
Concen: 36.684 ng
RT: 10.914 min Scan# 1332
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

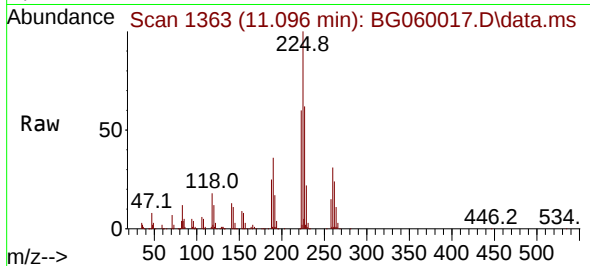
Tgt Ion:127 Resp: 201619
Ion Ratio Lower Upper
127 100
129 33.6 25.7 38.5
65 43.1 32.3 48.5
92 22.1 19.7 29.5





#34
Hexachlorobutadiene
Concen: 40.924 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

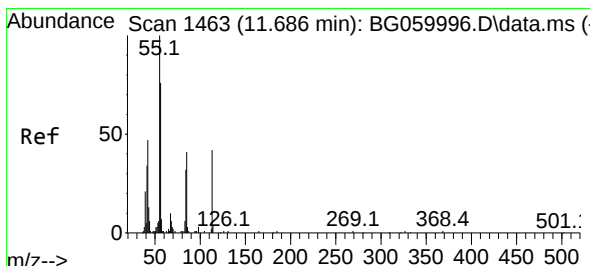
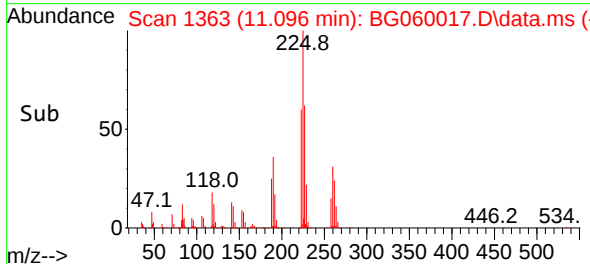
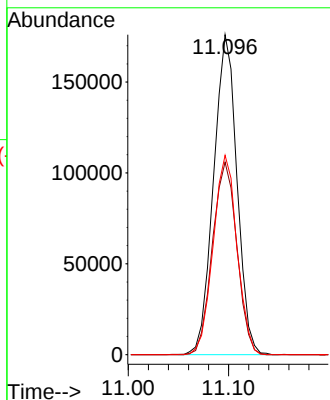


Tgt Ion:225 Resp: 28477
Ion Ratio Lower Upper
225 100
223 60.2 52.4 78.6
227 62.3 56.6 85.0

Manual Integrations
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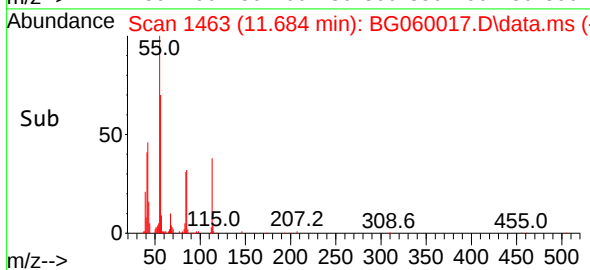
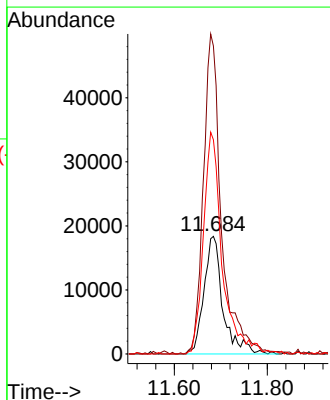
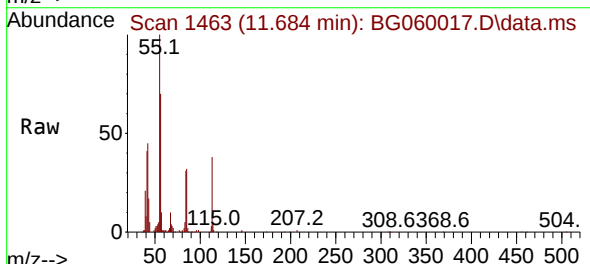
Reviewed By :Yogesh
Patel
12/15/2023

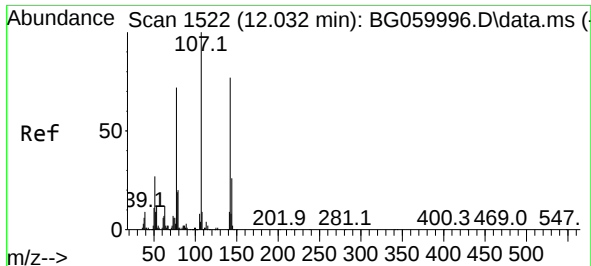
Supervised By :mohammad
ahmed
12/16/2023



#35
Caprolactam
Concen: 36.526 ng m
RT: 11.684 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

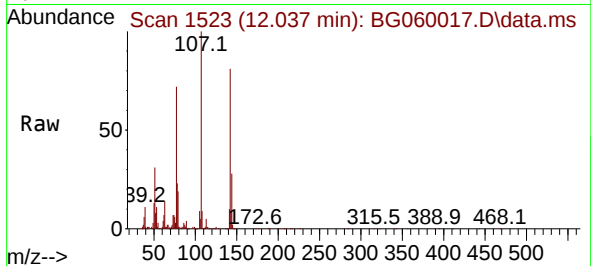
Tgt Ion:113 Resp: 52117
Ion Ratio Lower Upper
113 100
55 261.8 219.5 259.5#
56 182.1 161.6 201.6





#36
4-Chloro-3-methylphenol
Concen: 39.654 ng
RT: 12.037 min Scan# 1522
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

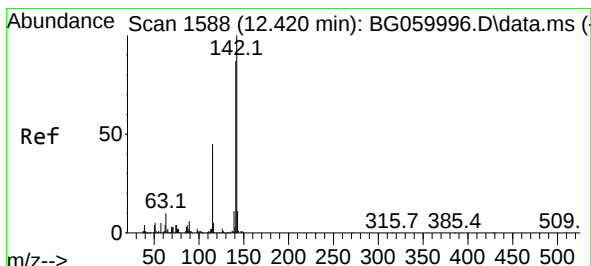
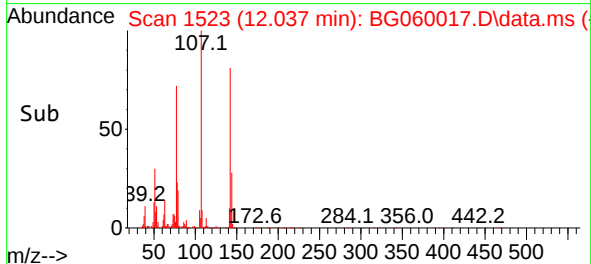
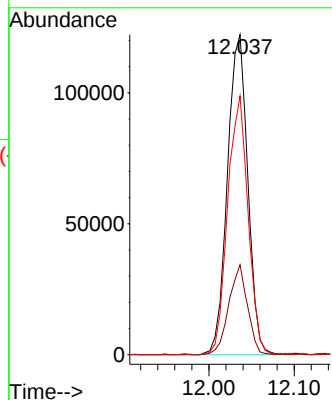


Tgt Ion:107 Resp: 202560
Ion Ratio Lower Upper
107 100
144 28.1 20.4 30.6
142 80.9 61.4 92.0

Manual Integrations
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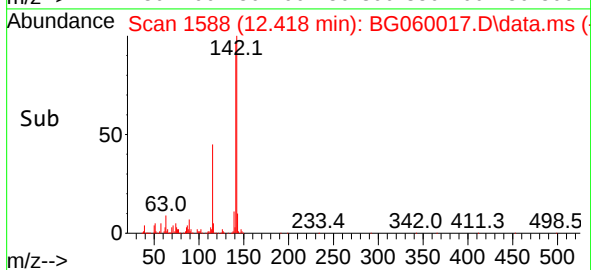
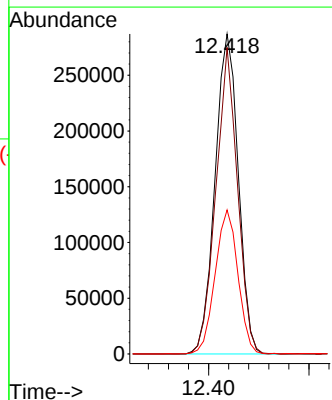
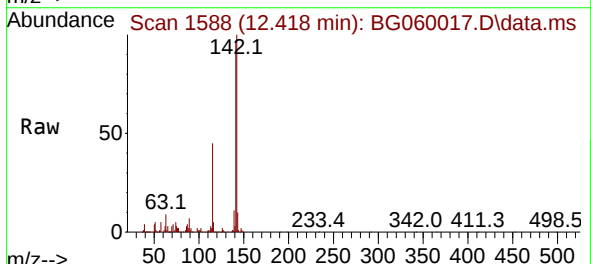
Reviewed By :Yogesh
Patel
12/15/2023

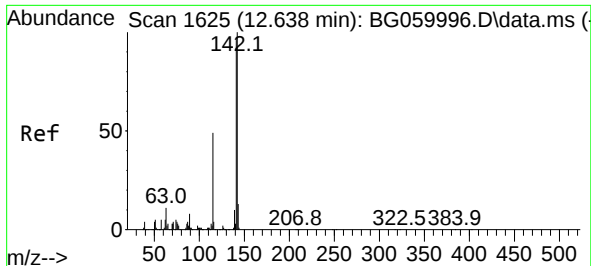
Supervised By :mohammad
ahmed
12/16/2023



#37
2-Methylnaphthalene
Concen: 40.664 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

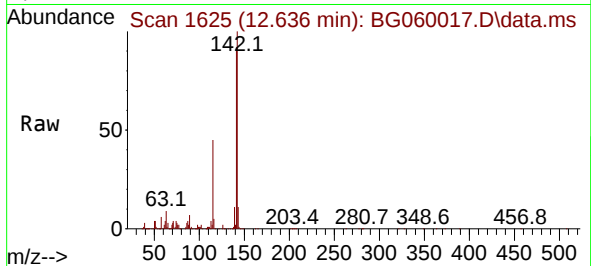
Tgt Ion:142 Resp: 460682
Ion Ratio Lower Upper
142 100
141 95.8 69.9 104.9
115 45.0 36.1 54.1





#38
1-Methylnaphthalene
Concen: 39.753 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

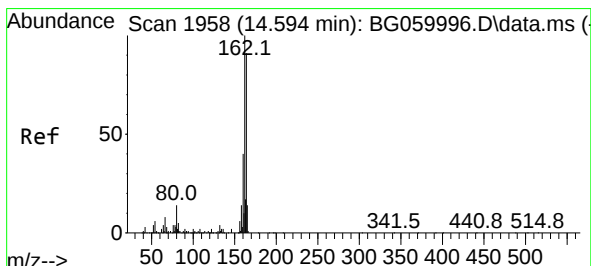
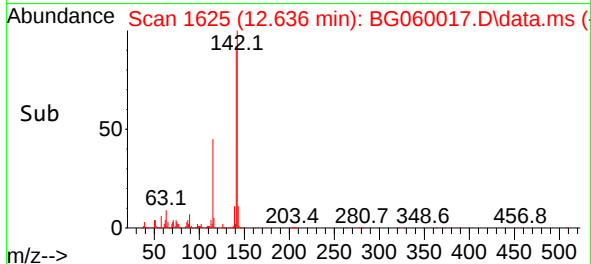
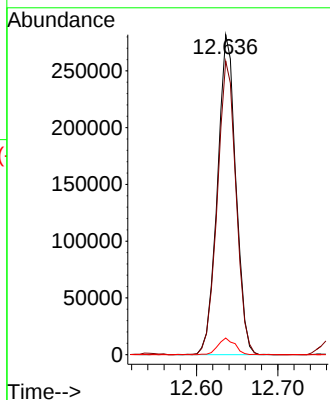


Tgt Ion:142 Resp: 44486
Ion Ratio Lower Upper
142 100
141 91.7 76.9 115.3
116 5.2 3.5 5.3

Manual Integrations
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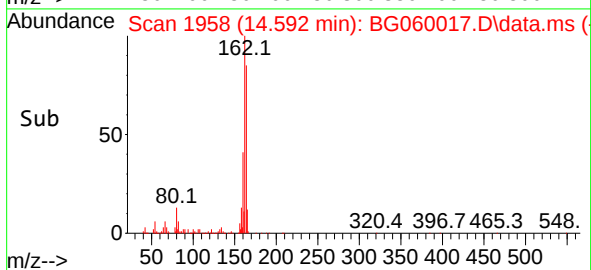
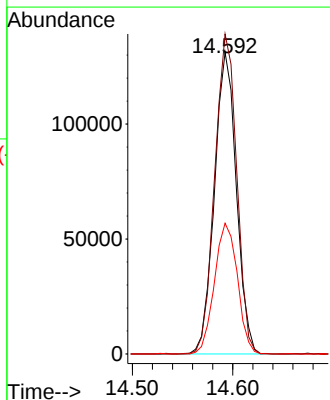
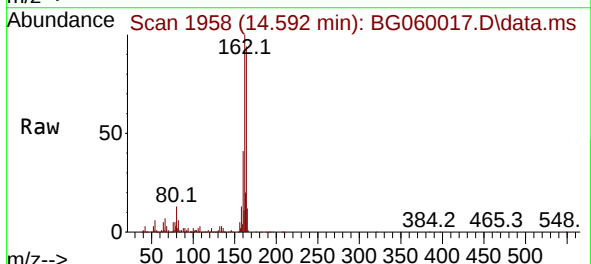
Reviewed By :Yogesh
Patel
12/15/2023

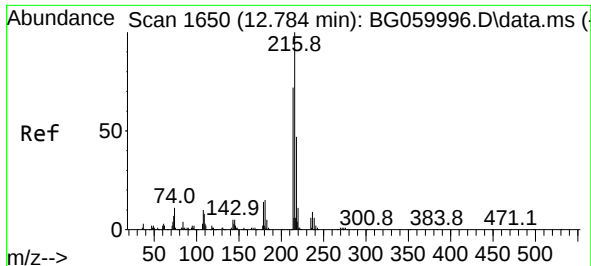
Supervised By :mohammad
ahmed
12/16/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

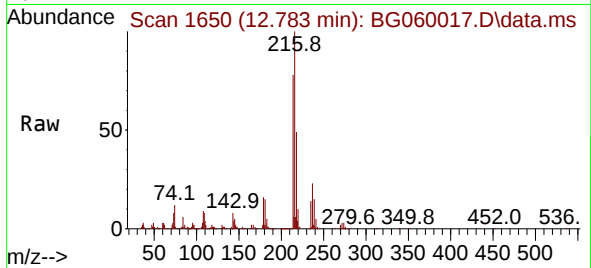
Tgt Ion:164 Resp: 199046
Ion Ratio Lower Upper
164 100
162 106.1 88.1 132.1
160 43.3 35.4 53.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.562 ng
RT: 12.783 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

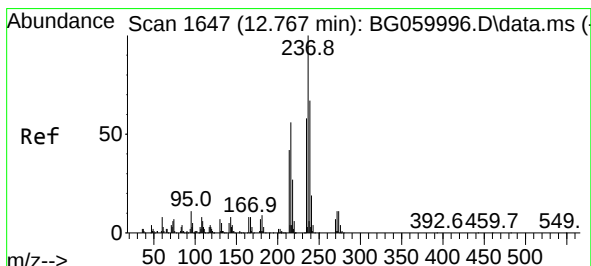
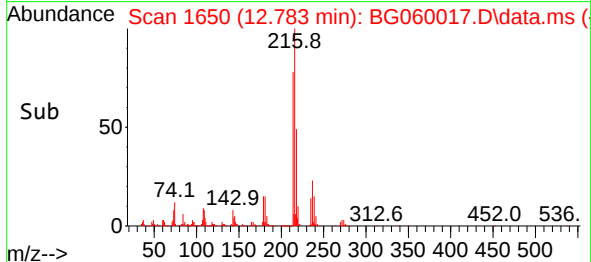
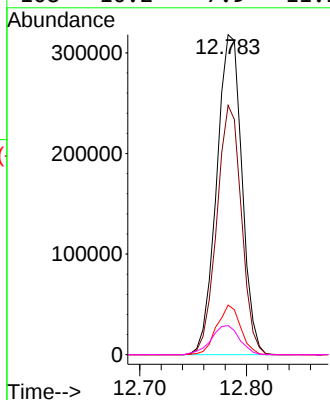


Tgt Ion:216 Resp: 52467
Ion Ratio Lower Upper
216 100
214 75.7 60.3 90.5
179 14.7 11.9 17.9
108 10.2 7.9 11.9

Manual Integrations
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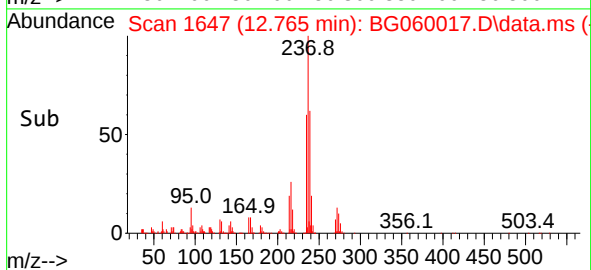
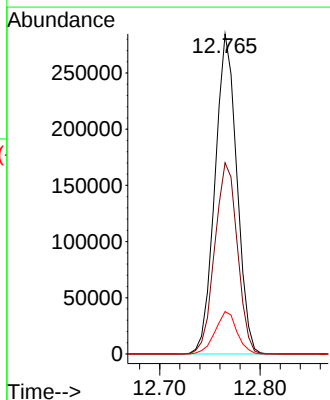
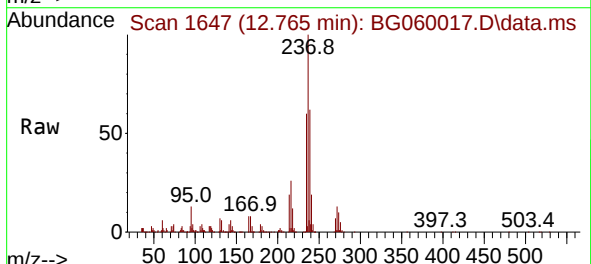
Reviewed By :Yogesh
Patel
12/15/2023

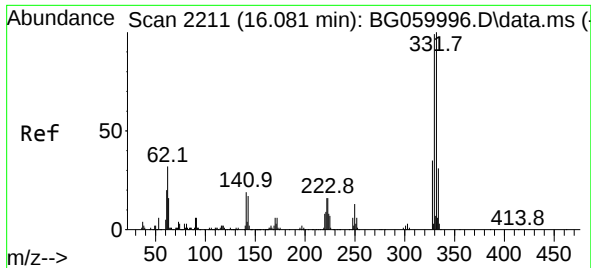
Supervised By :mohammad
ahmed
12/16/2023



#41
Hexachlorocyclopentadiene
Concen: 100.340 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion:237 Resp: 430200
Ion Ratio Lower Upper
237 100
235 59.8 38.5 78.5
272 13.2 0.0 31.2





#42
2,4,6-Tribromophenol
Concen: 128.443 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

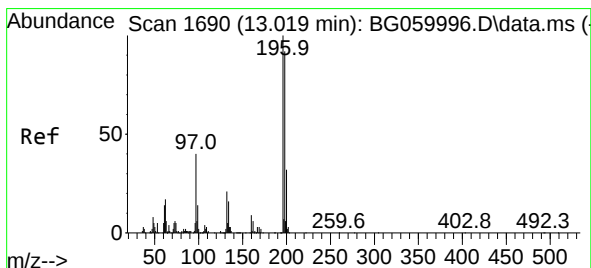
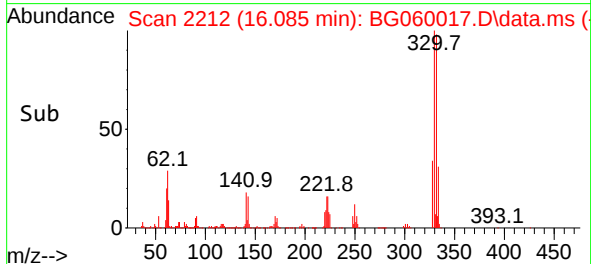
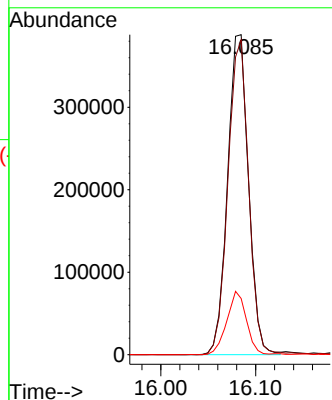
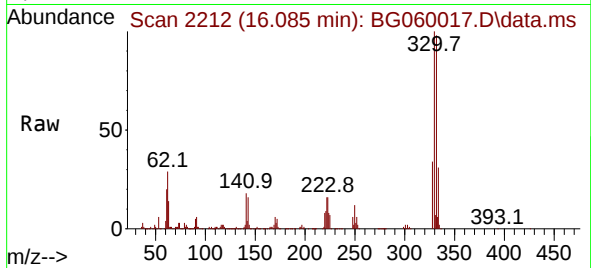
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

Tgt Ion:330 Resp: 59580
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 18.7 14.3 21.5

Manual Integrations
APPROVED

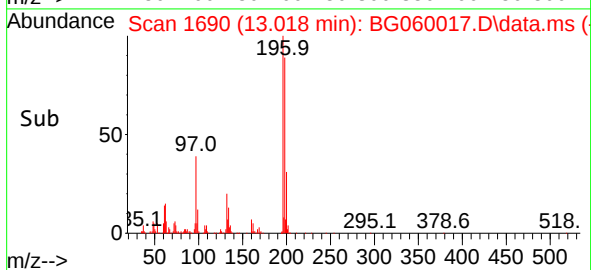
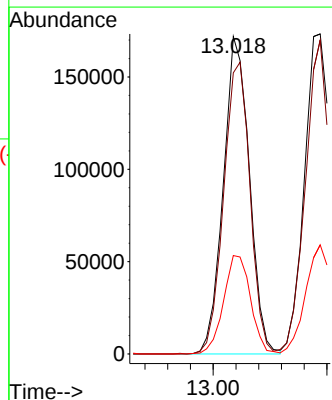
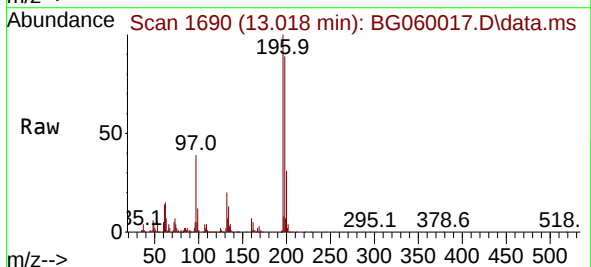
Reviewed By :Yogesh
Patel
12/15/2023

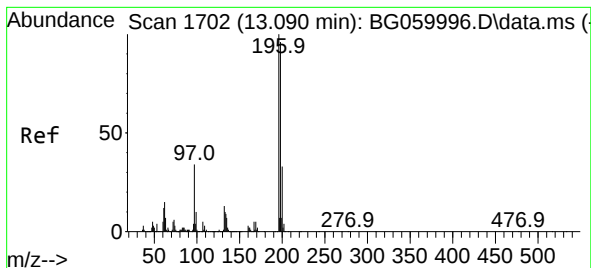
Supervised By :mohammad
ahmed
12/16/2023



#43
2,4,6-Trichlorophenol
Concen: 47.114 ng
RT: 13.018 min Scan# 1690
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion:196 Resp: 274121
Ion Ratio Lower Upper
196 100
198 88.6 73.4 110.0
200 31.0 26.1 39.1





#44
2,4,5-Trichlorophenol
Concen: 44.996 ng
RT: 13.094 min Scan# 1702
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

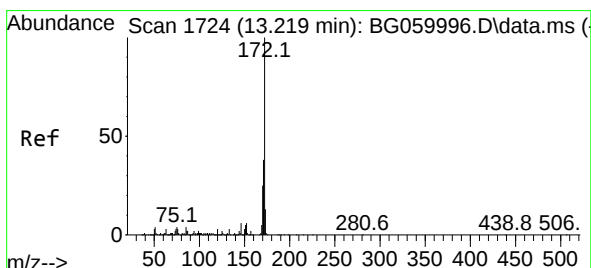
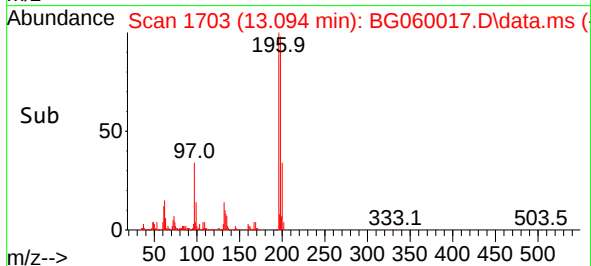
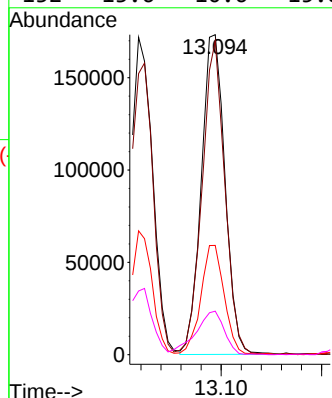
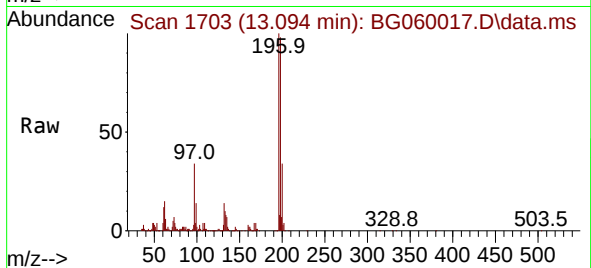
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

Tgt Ion:196 Resp: 284760
Ion Ratio Lower Upper
196 100
198 98.1 76.4 114.6
97 34.2 27.0 40.4
132 13.6 10.6 15.8

Manual Integrations
APPROVED

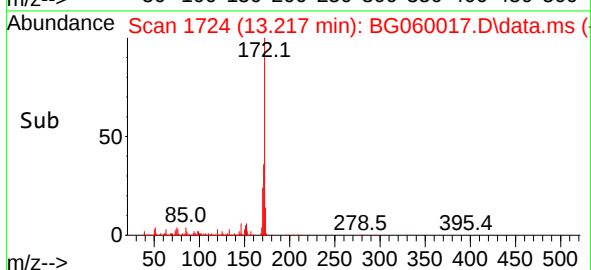
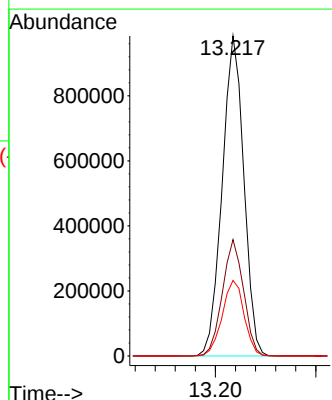
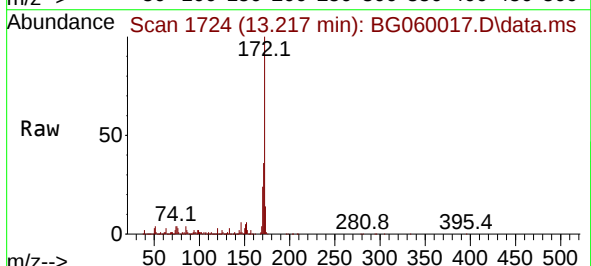
Reviewed By :Yogesh
Patel
12/15/2023

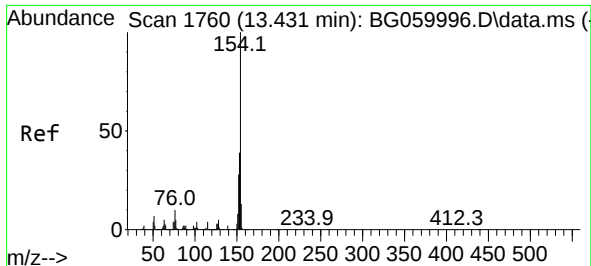
Supervised By :mohammad
ahmed
12/16/2023



#45
2-Fluorobiphenyl
Concen: 90.369 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

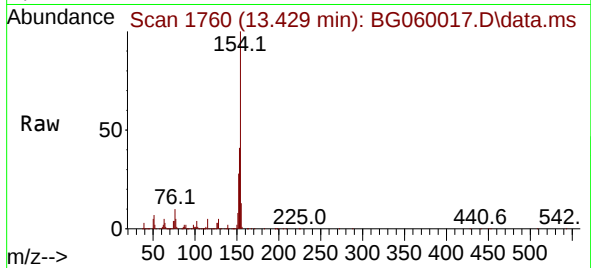
Tgt Ion:172 Resp: 1469705
Ion Ratio Lower Upper
172 100
171 36.3 30.1 45.1
170 23.6 20.0 30.0





#46
1,1'-Biphenyl
Concen: 48.130 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

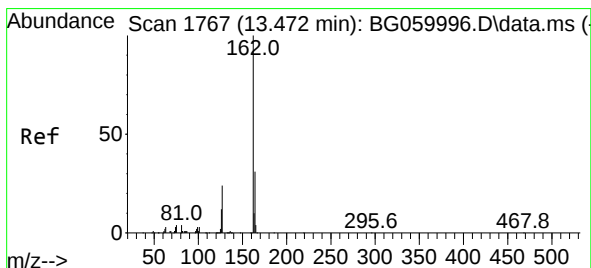
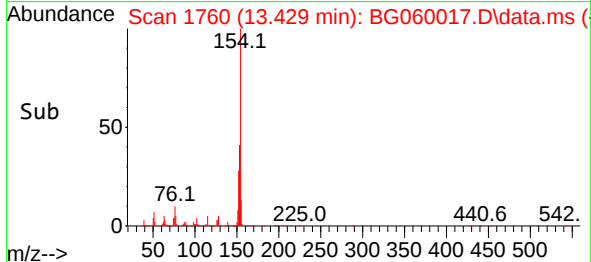
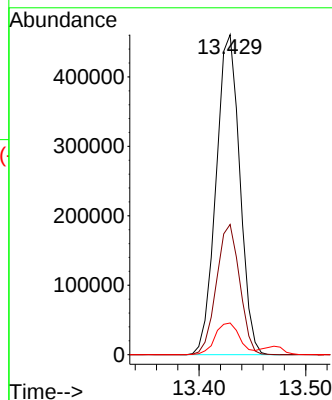


Tgt Ion:154 Resp: 710469
Ion Ratio Lower Upper
154 100
153 40.7 19.2 59.2
76 9.9 0.0 29.9

Manual Integrations
APPROVED

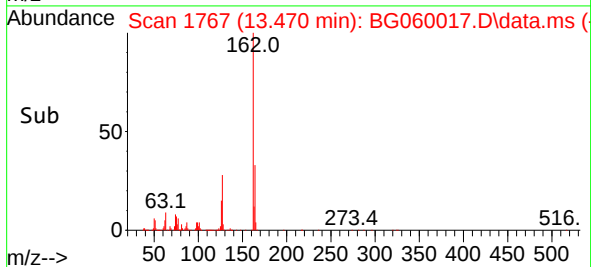
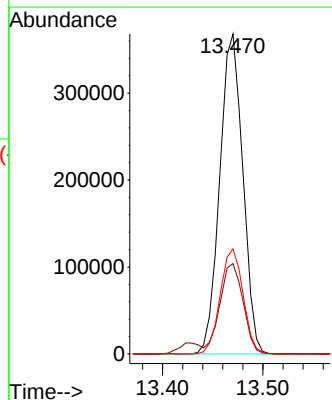
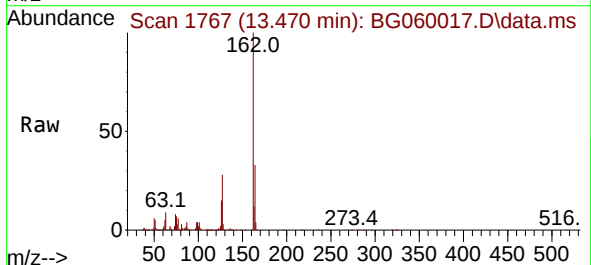
Reviewed By :Yogesh
Patel
12/15/2023

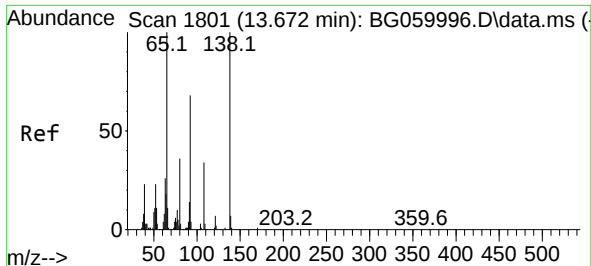
Supervised By :mohammad
ahmed
12/16/2023



#47
2-Chloronaphthalene
Concen: 45.878 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

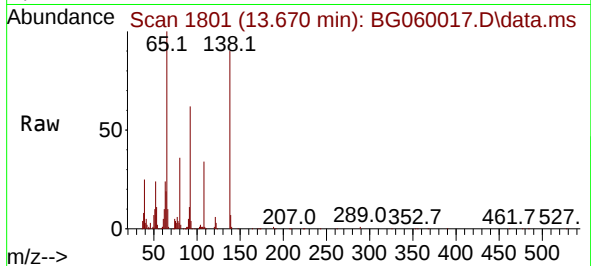
Tgt Ion:162 Resp: 586504
Ion Ratio Lower Upper
162 100
127 28.3 21.8 32.6
164 32.8 25.2 37.8





#48
2-Nitroaniline
Concen: 52.408 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

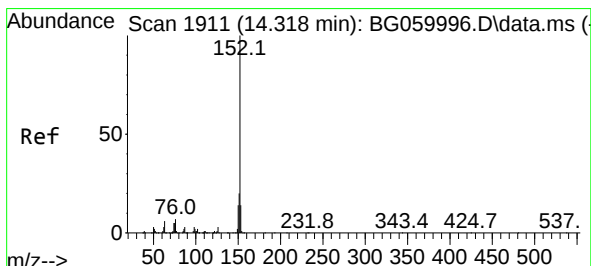
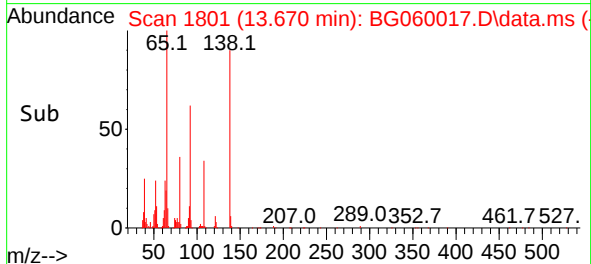
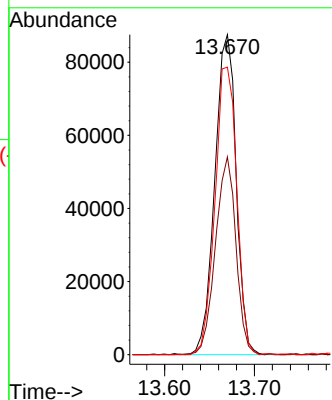


Tgt Ion: 65 Resp: 144620
Ion Ratio Lower Upper
65 100
92 61.8 54.6 81.8
138 89.9 80.2 120.2

Manual Integrations
APPROVED

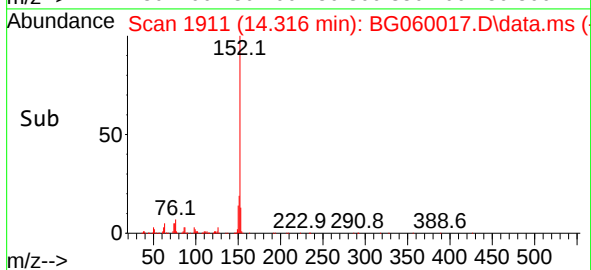
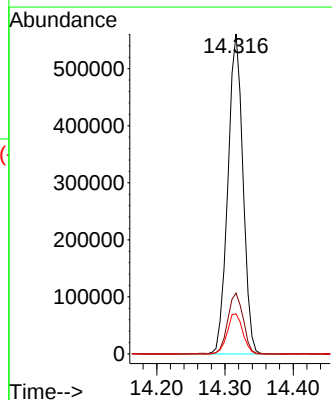
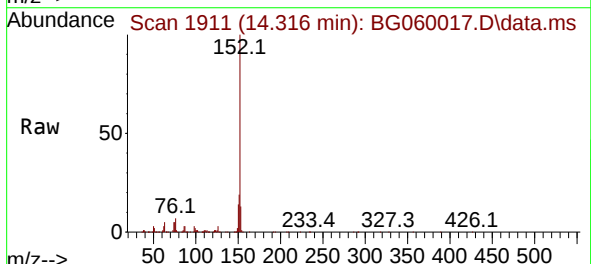
Reviewed By :Yogesh
Patel
12/15/2023

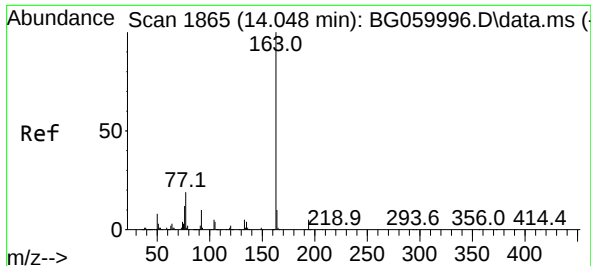
Supervised By :mohammad
ahmed
12/16/2023



#49
Acenaphthylene
Concen: 49.318 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

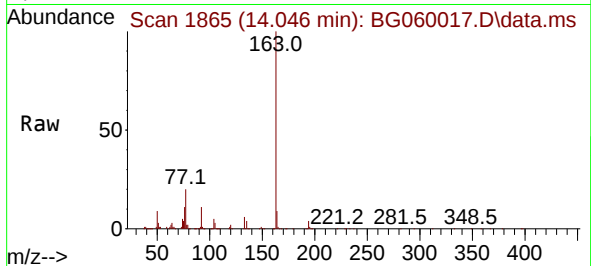
Tgt Ion:152 Resp: 862420
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8
153 12.5 11.0 16.4





#50
Dimethylphthalate
Concen: 44.071 ng
RT: 14.046 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

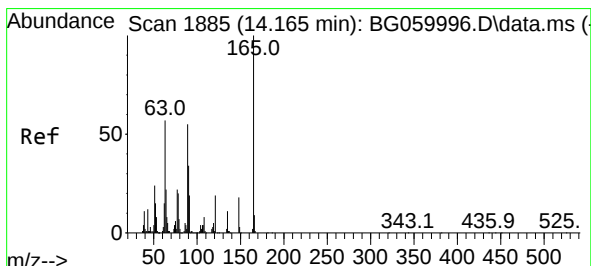
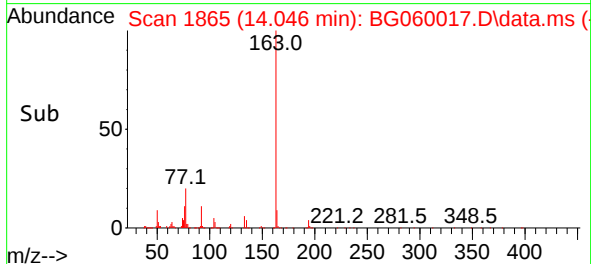
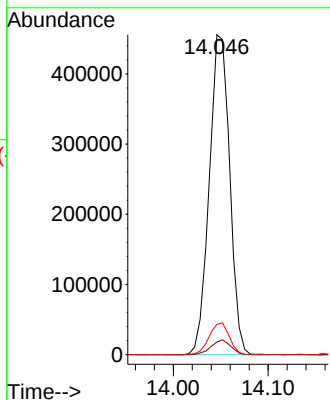


Tgt Ion:163 Resp: 680909
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 9.5 8.2 12.4

Manual Integrations
APPROVED

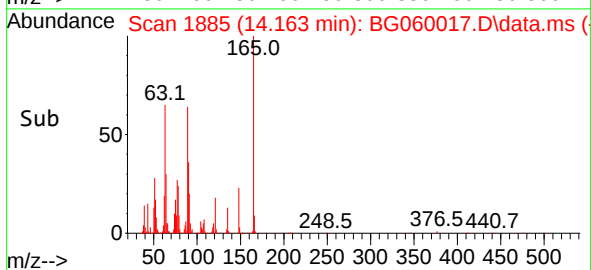
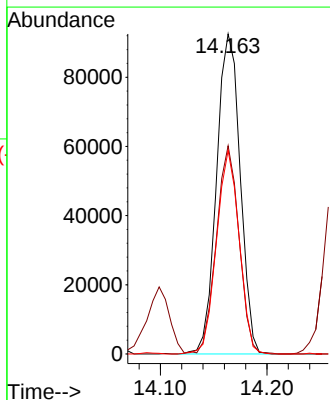
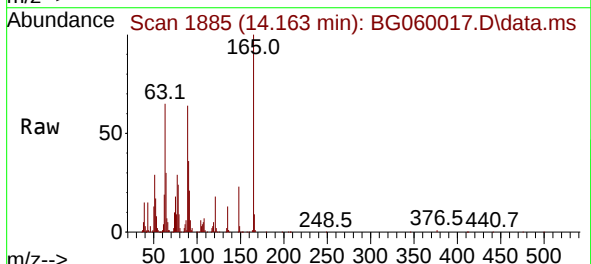
Reviewed By :Yogesh
Patel
12/15/2023

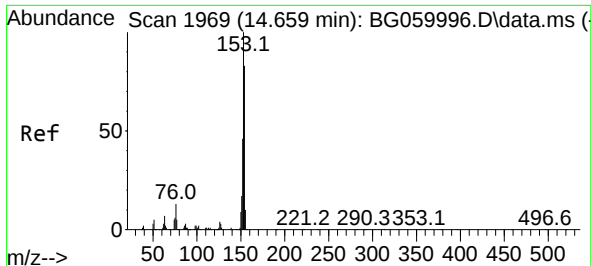
Supervised By :mohammad
ahmed
12/16/2023



#51
2,6-Dinitrotoluene
Concen: 44.410 ng
RT: 14.163 min Scan# 1885
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

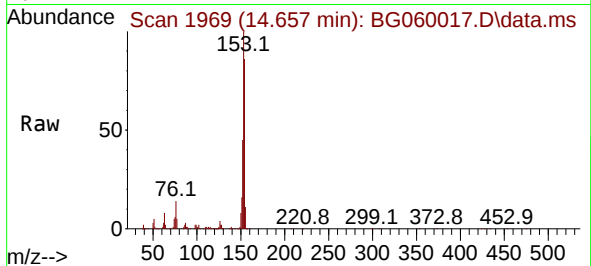
Tgt Ion:165 Resp: 142135
Ion Ratio Lower Upper
165 100
63 65.1 48.2 72.2
89 63.6 44.4 66.6





#52
Acenaphthene
Concen: 40.887 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

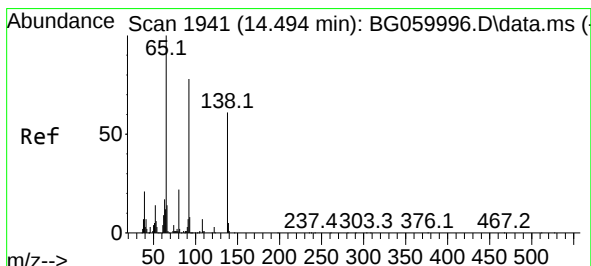
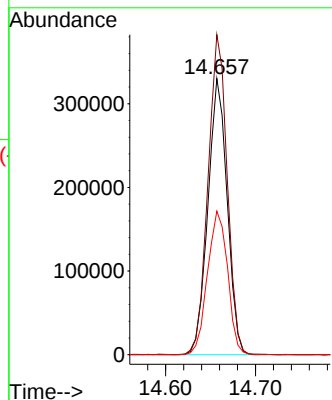


Tgt Ion:154 Resp: 49217
Ion Ratio Lower Upper
154 100
153 115.9 96.0 144.0
152 52.0 44.3 66.5

Manual Integrations
APPROVED

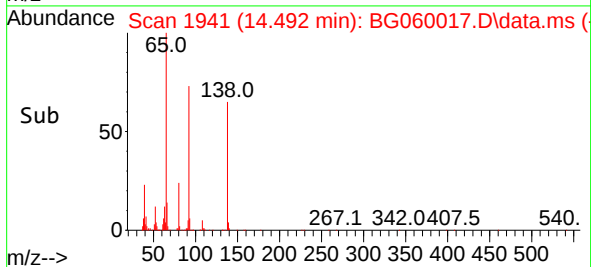
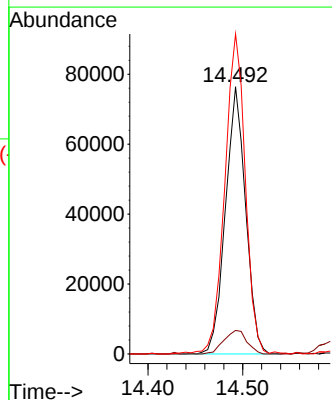
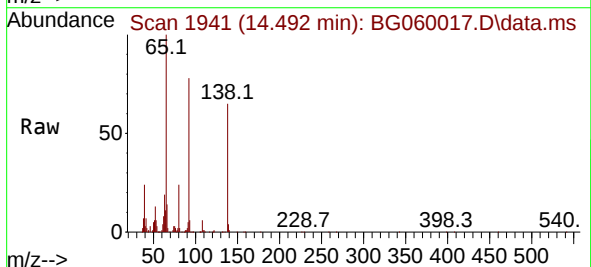
Reviewed By :Yogesh
Patel
12/15/2023

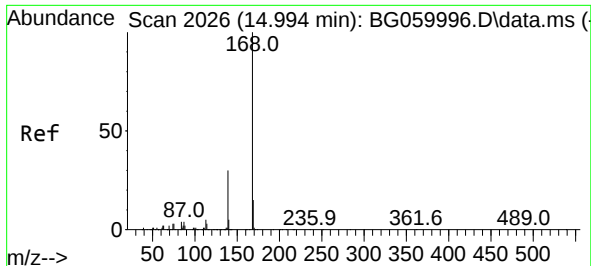
Supervised By :mohammad
ahmed
12/16/2023



#53
3-Nitroaniline
Concen: 44.235 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

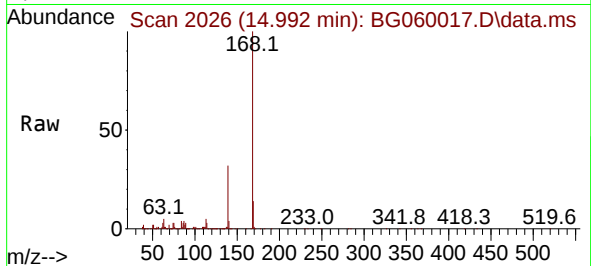
Tgt Ion:138 Resp: 113130
Ion Ratio Lower Upper
138 100
108 8.8 8.9 13.3#
92 119.7 102.1 153.1





#55
Dibenzofuran
Concen: 45.985 ng
RT: 14.992 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

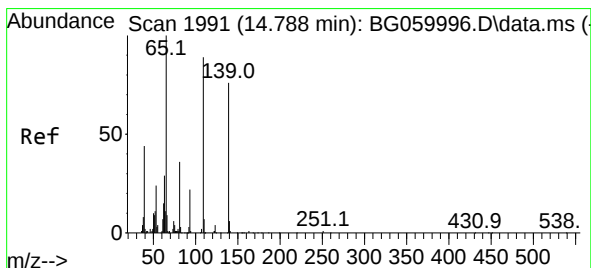
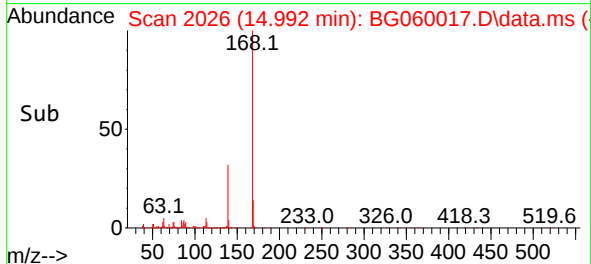
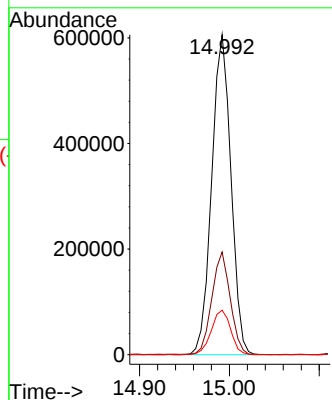


Tgt Ion:168 Resp: 900962
Ion Ratio Lower Upper
168 100
139 32.1 24.0 36.0
169 13.9 11.8 17.8

Manual Integrations
APPROVED

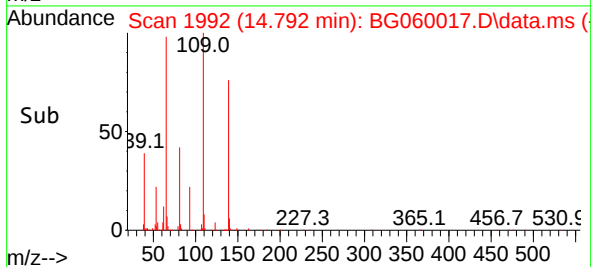
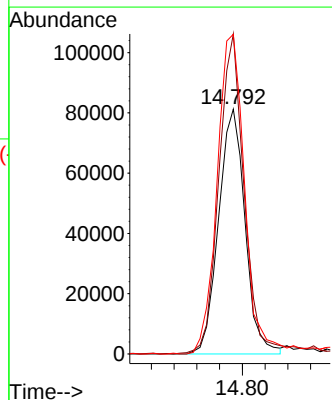
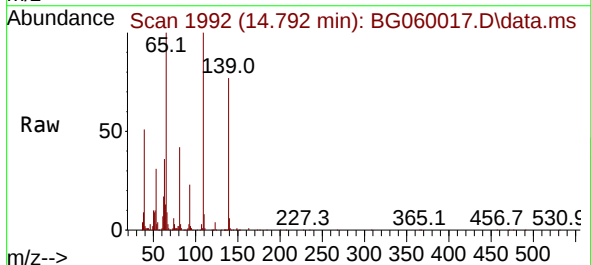
Reviewed By :Yogesh
Patel
12/15/2023

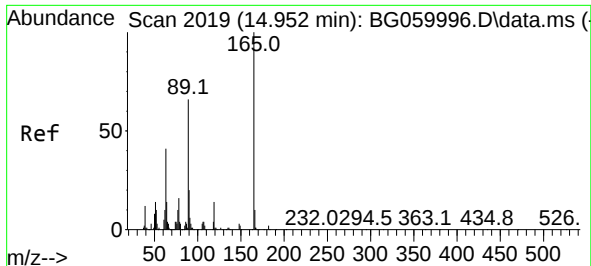
Supervised By :mohammad
ahmed
12/16/2023



#56
4-Nitrophenol
Concen: 61.103 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

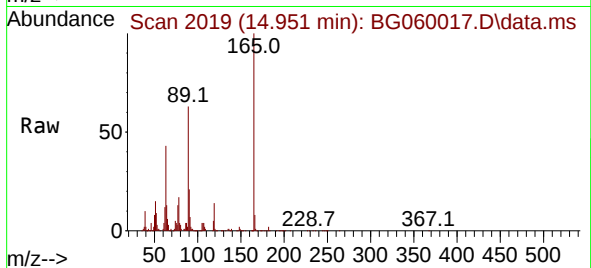
Tgt Ion:139 Resp: 131335
Ion Ratio Lower Upper
139 100
109 130.7 97.2 137.2
65 130.6 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 44.477 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

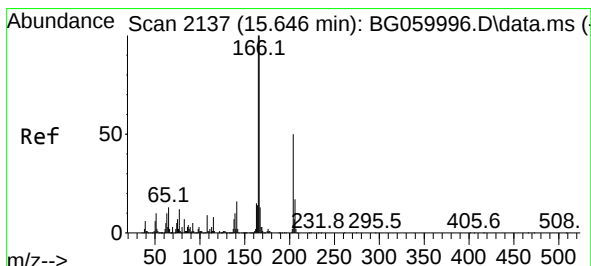
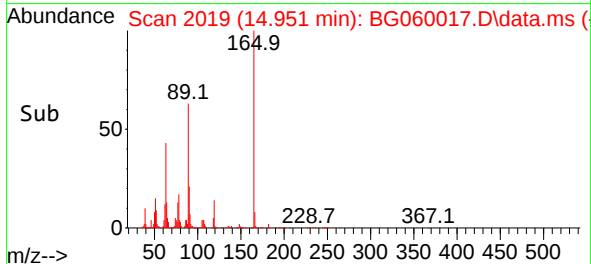
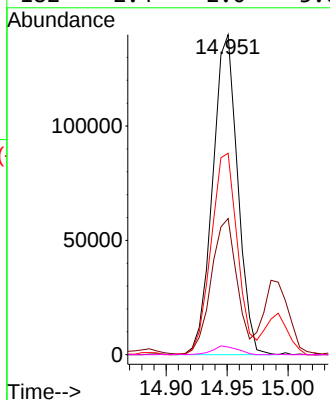


Tgt Ion:165 Resp: 20010
Ion Ratio Lower Upper
165 100
63 42.6 32.8 49.2
89 63.0 53.0 79.6
182 2.4 2.0 3.0

Manual Integrations
APPROVED

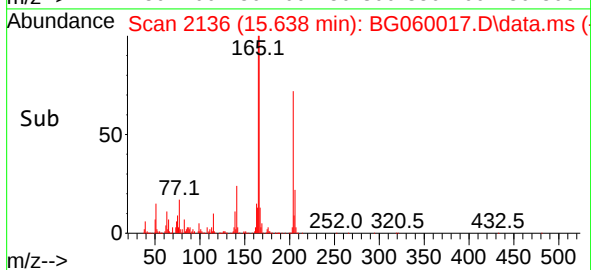
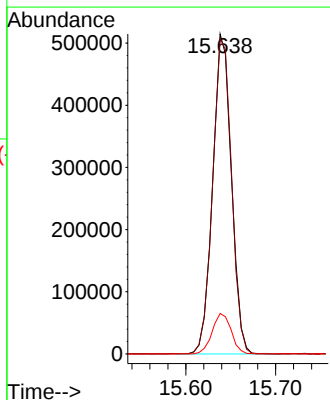
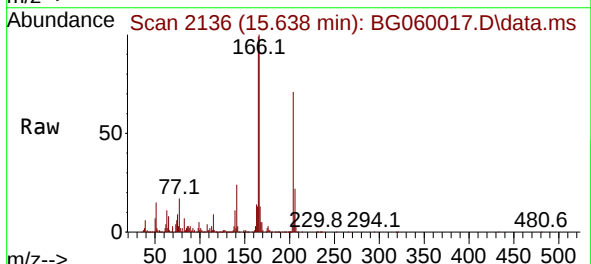
Reviewed By :Yogesh
Patel
12/15/2023

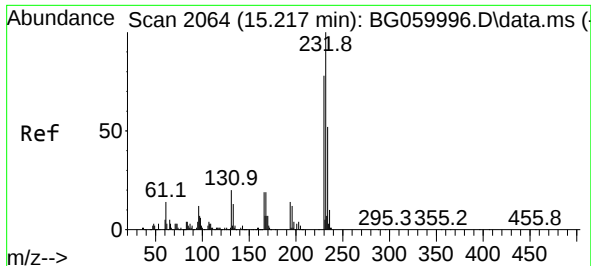
Supervised By :mohammad
ahmed
12/16/2023



#58
Fluorene
Concen: 44.978 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.008 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

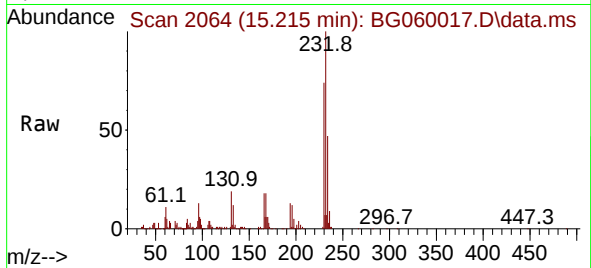
Tgt Ion:166 Resp: 743088
Ion Ratio Lower Upper
166 100
165 98.6 80.2 120.2
167 12.7 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.306 ng m
RT: 15.215 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

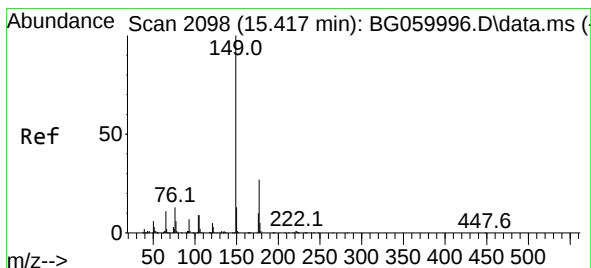
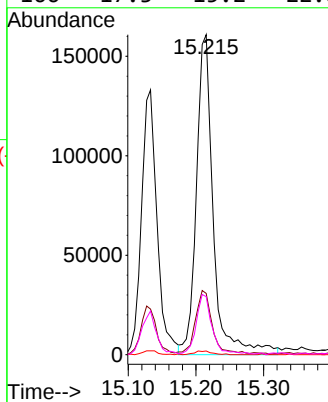
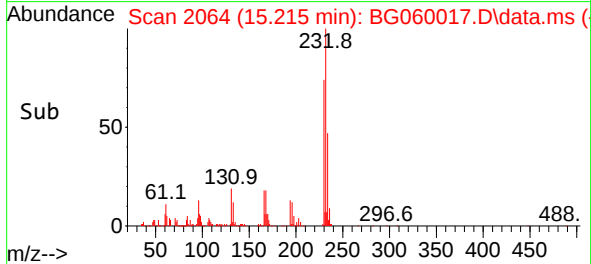


Tgt Ion:232 Resp: 278698
Ion Ratio Lower Upper
232 100
131 19.2 17.6 26.4
130 1.2 1.0 1.6
166 17.3 15.2 22.8

Manual Integrations
APPROVED

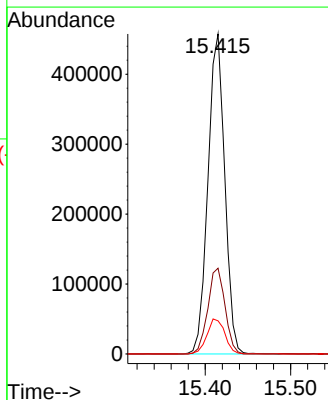
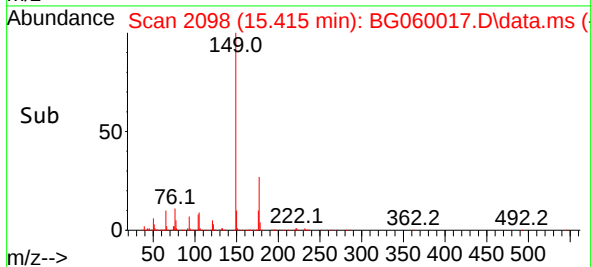
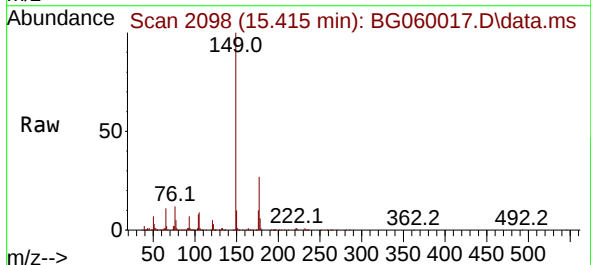
Reviewed By :Yogesh
Patel
12/15/2023

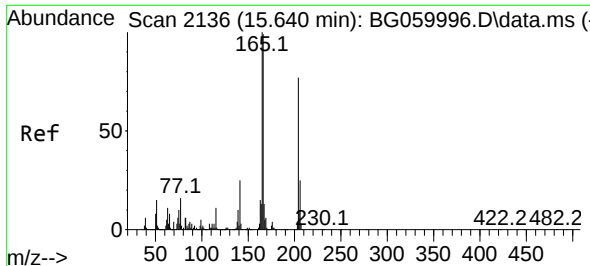
Supervised By :mohammad
ahmed
12/16/2023



#60
Diethylphthalate
Concen: 44.021 ng
RT: 15.415 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

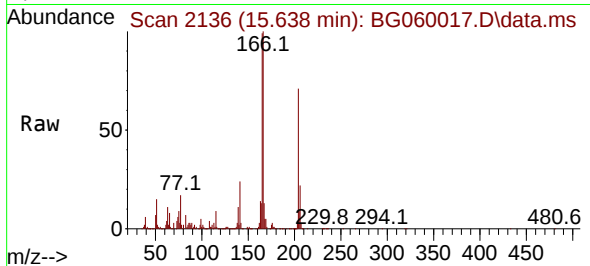
Tgt Ion:149 Resp: 625789
Ion Ratio Lower Upper
149 100
177 26.8 21.5 32.3
150 10.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.882 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

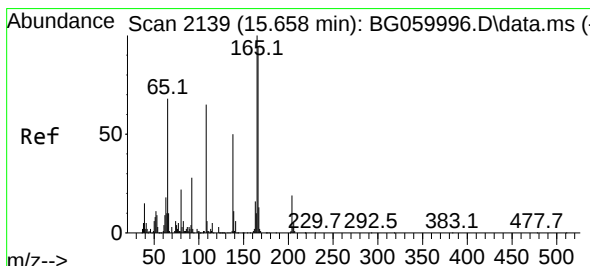
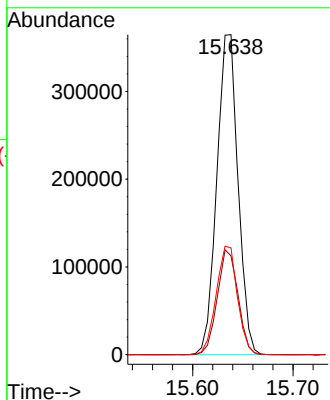
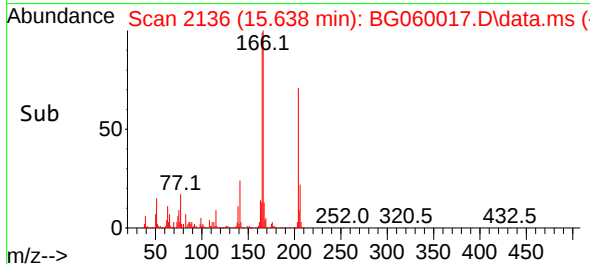


Tgt Ion:204 Resp: 534030
Ion Ratio Lower Upper
204 100
206 30.9 25.9 38.9
141 33.3 25.6 38.4

Manual Integrations
APPROVED

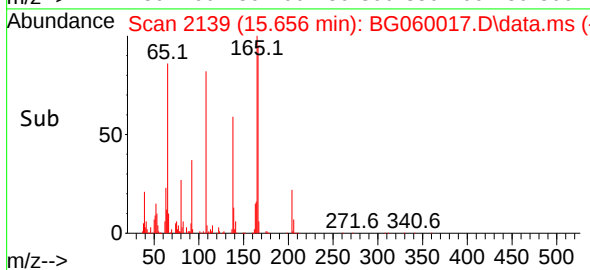
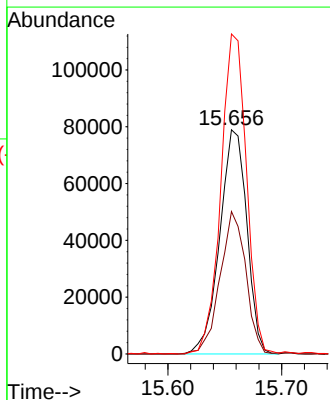
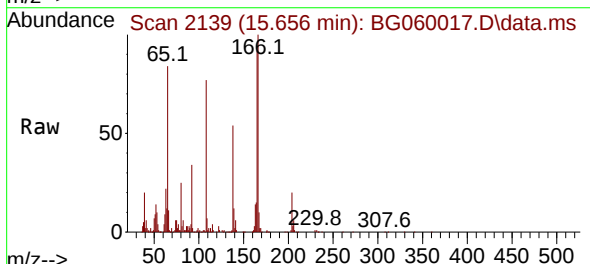
Reviewed By :Yogesh
Patel
12/15/2023

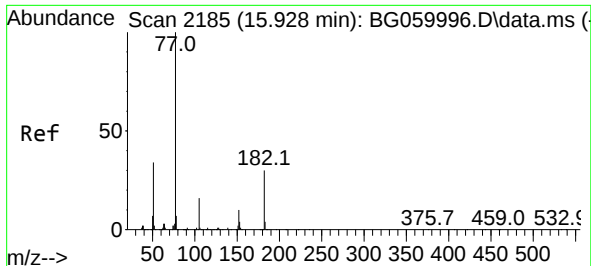
Supervised By :mohammad
ahmed
12/16/2023



#62
4-Nitroaniline
Concen: 46.836 ng
RT: 15.656 min Scan# 2139
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

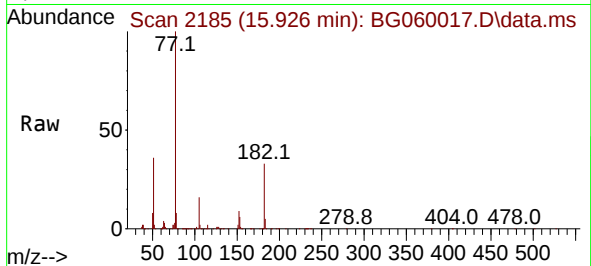
Tgt Ion:138 Resp: 130431
Ion Ratio Lower Upper
138 100
92 63.6 36.3 76.3
108 142.8 109.3 149.3





#63
Azobenzene
Concen: 43.799 ng
RT: 15.926 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

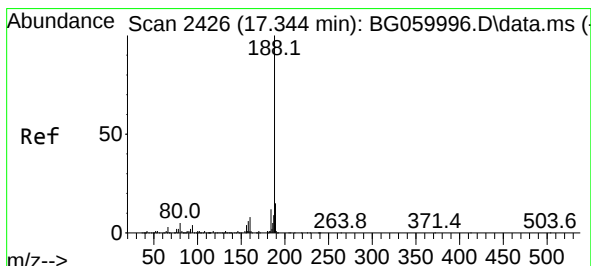
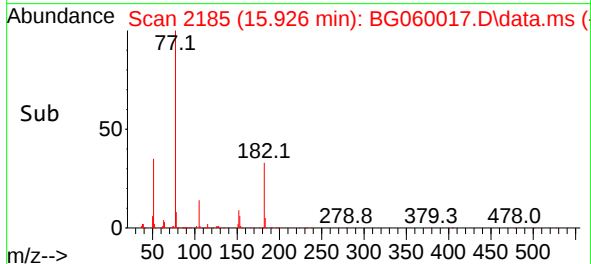
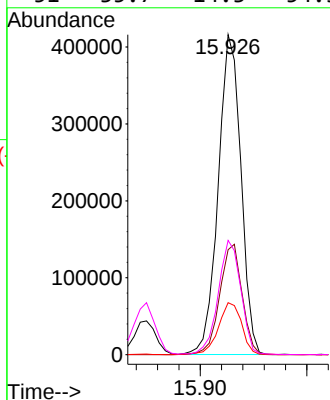


Tgt Ion: 77	Resp: 61388
Ion Ratio	Lower Upper
77 100	
182 32.8	10.2 50.2
105 16.2	0.0 36.5
51 35.7	14.3 54.3

Manual Integrations
APPROVED

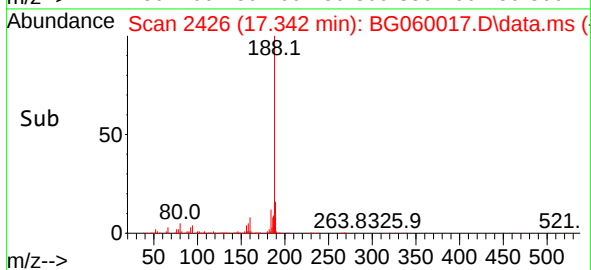
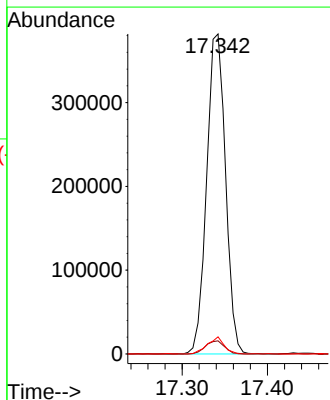
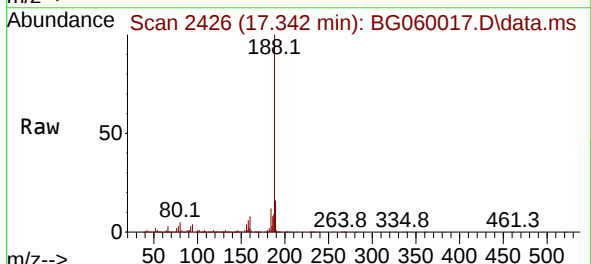
Reviewed By :Yogesh
Patel
12/15/2023

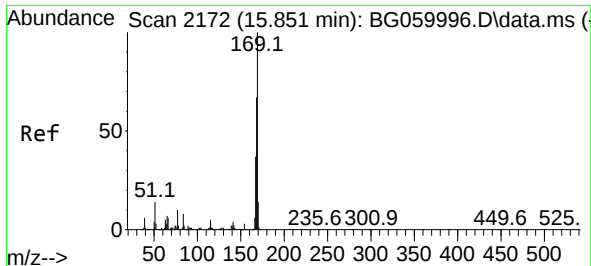
Supervised By :mohammad
ahmed
12/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

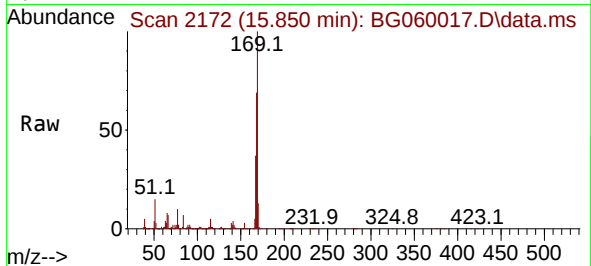
Tgt Ion:188	Resp: 586272
Ion Ratio	Lower Upper
188 100	
94 4.1	3.0 4.6
80 5.4	4.0 6.0





#66
n-Nitrosodiphenylamine
Concen: 46.838 ng
RT: 15.850 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

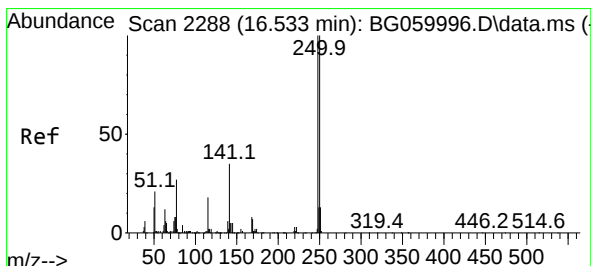
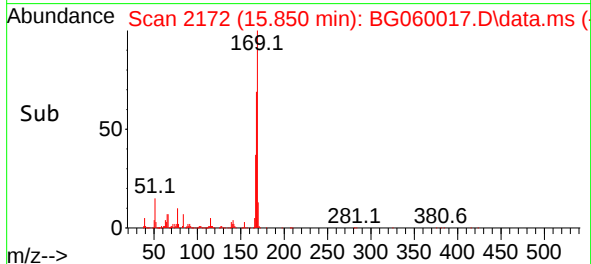
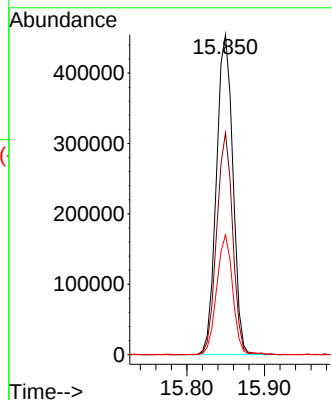


Tgt Ion:169 Resp: 67083
Ion Ratio Lower Upper
169 100
168 69.3 53.4 80.2
167 37.4 30.0 45.0

Manual Integrations
APPROVED

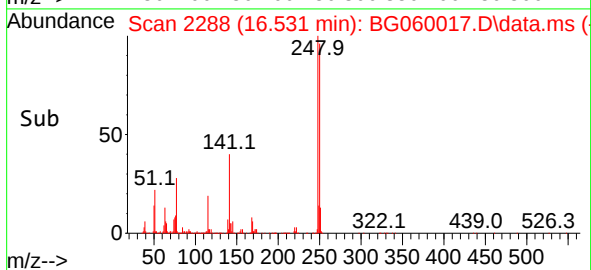
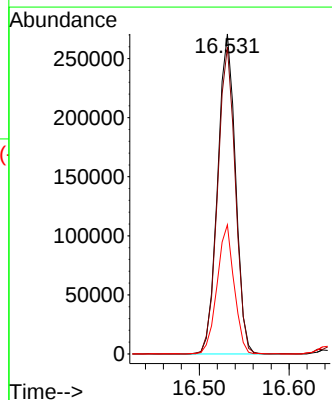
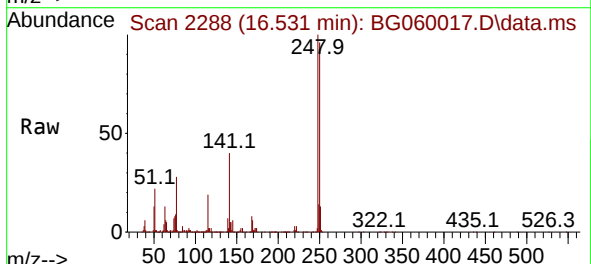
Reviewed By :Yogesh
Patel
12/15/2023

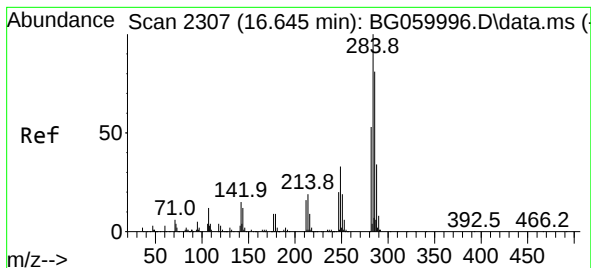
Supervised By :mohammad
ahmed
12/16/2023



#67
4-Bromophenyl-phenylether
Concen: 45.078 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

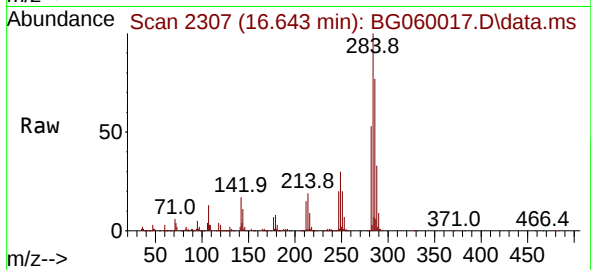
Tgt Ion:248 Resp: 372881
Ion Ratio Lower Upper
248 100
250 96.0 79.9 119.9
141 40.4 28.3 42.5





#68
Hexachlorobenzene
Concen: 45.641 ng
RT: 16.643 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

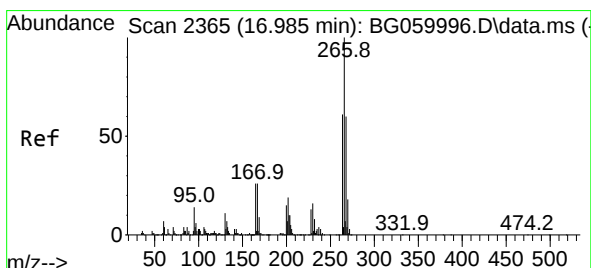
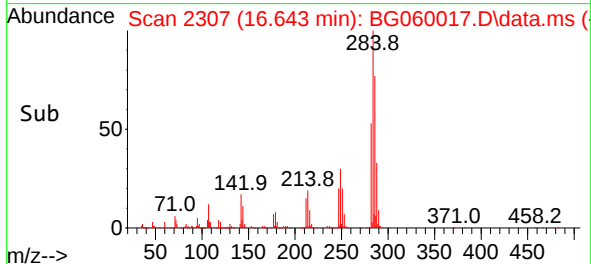
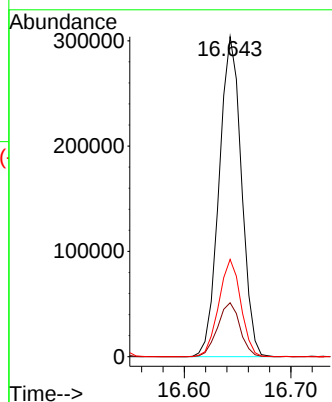


Tgt Ion:284 Resp: 441344
Ion Ratio Lower Upper
284 100
142 16.9 11.7 17.5
249 30.4 26.1 39.1

Manual Integrations
APPROVED

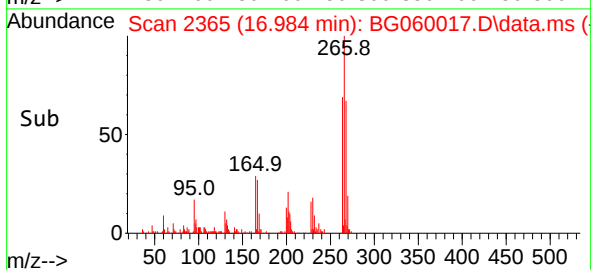
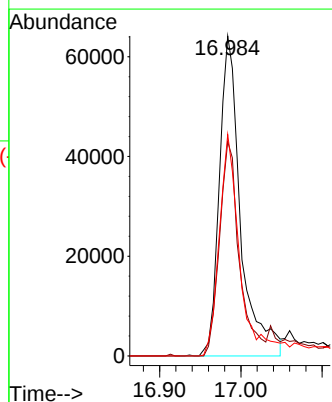
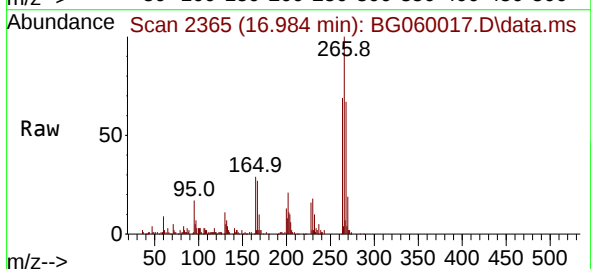
Reviewed By :Yogesh
Patel
12/15/2023

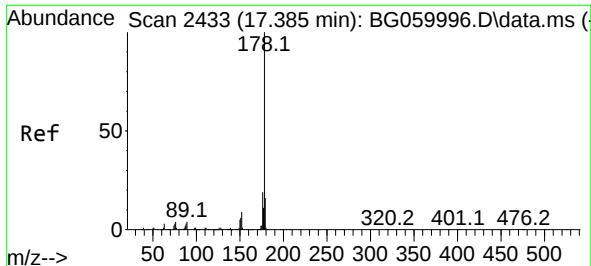
Supervised By :mohammad
ahmed
12/16/2023



#70
Pentachlorophenol
Concen: 18.622 ng
RT: 16.984 min Scan# 2365
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

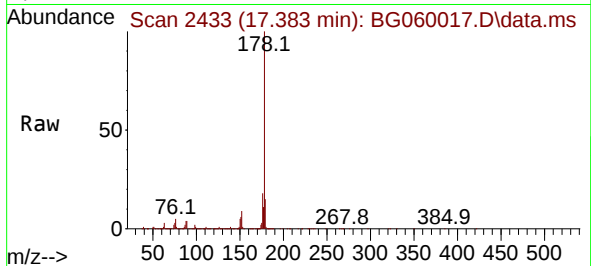
Tgt Ion:266 Resp: 116654
Ion Ratio Lower Upper
266 100
268 67.0 47.9 71.9
264 69.2 48.8 73.2





#71
Phenanthrene
Concen: 48.811 ng
RT: 17.383 min Scan# 2433
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

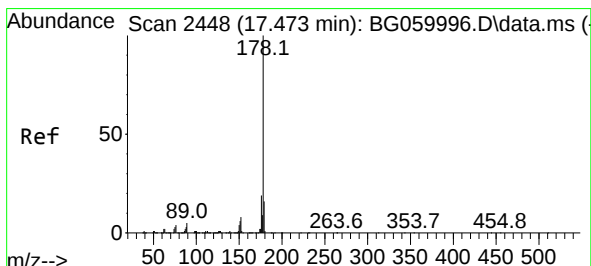
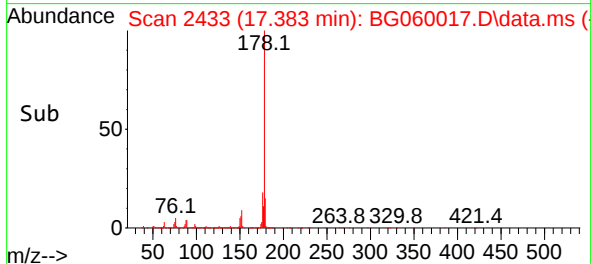
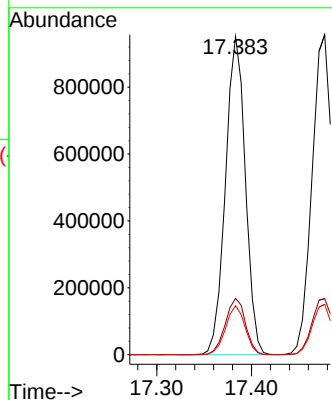


Tgt Ion:178 Resp: 1386104
Ion Ratio Lower Upper
178 100
176 17.7 15.6 23.4
179 15.4 12.6 19.0

Manual Integrations
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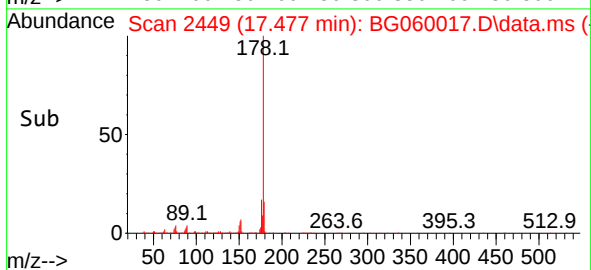
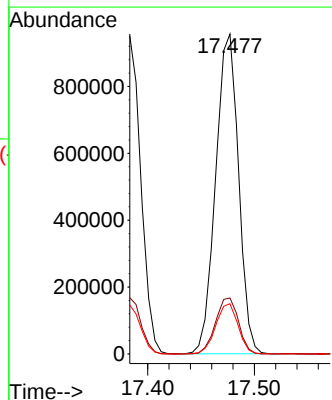
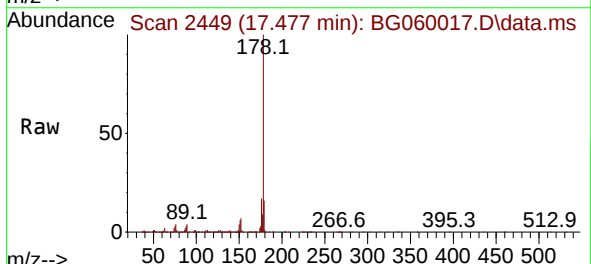
Reviewed By :Yogesh
Patel
12/15/2023

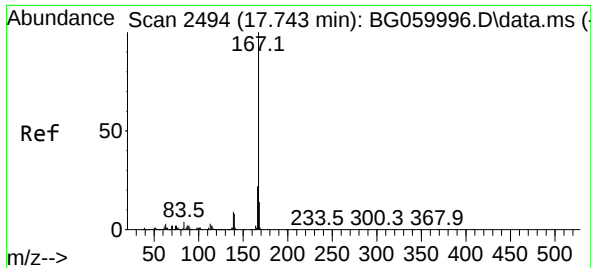
Supervised By :mohammad
ahmed
12/16/2023



#72
Anthracene
Concen: 49.894 ng
RT: 17.477 min Scan# 2449
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

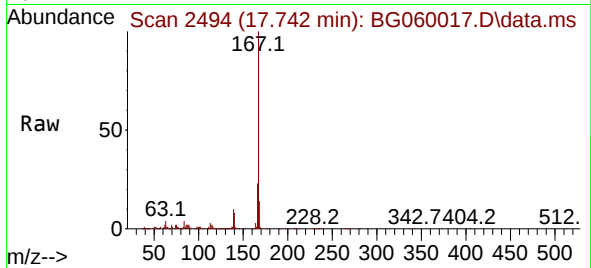
Tgt Ion:178 Resp: 1424570
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.6
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 48.496 ng
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BG060017.D
 Acq: 14 Dec 2023 18:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MS

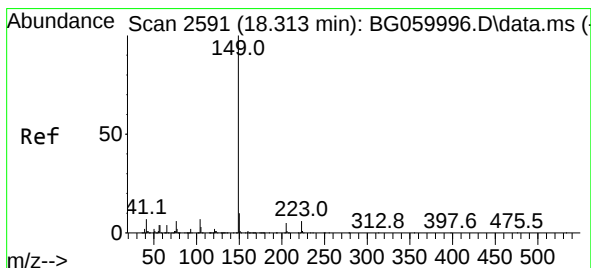
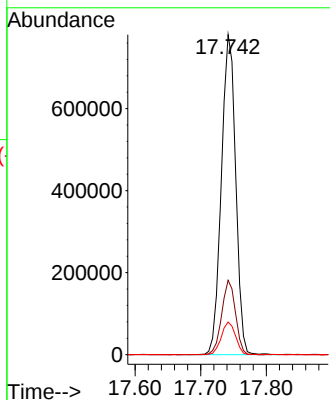


Tgt Ion:167 Resp: 117664
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.0
 139 10.2 7.5 11.3

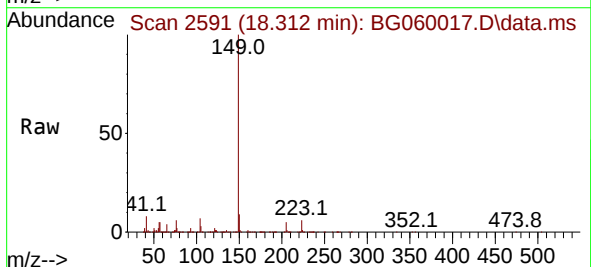
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 12/15/2023

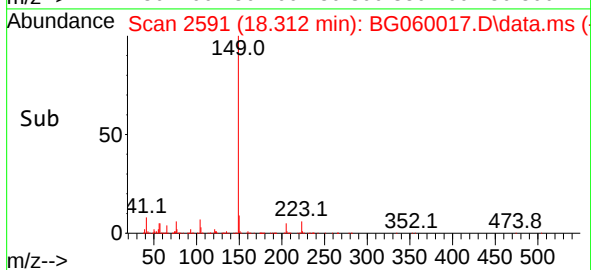
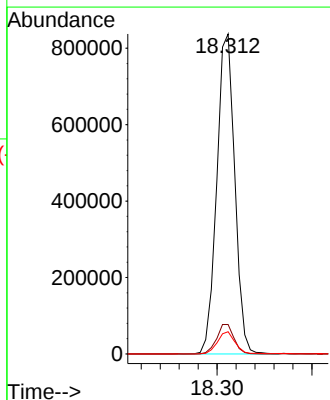
Supervised By :mohammad
 ahmed
 12/16/2023

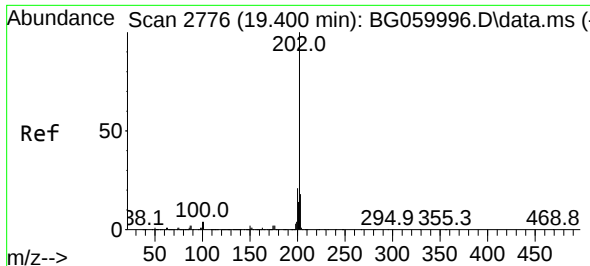


#74
 Di-n-butylphthalate
 Concen: 49.899 ng
 RT: 18.312 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG060017.D
 Acq: 14 Dec 2023 18:22



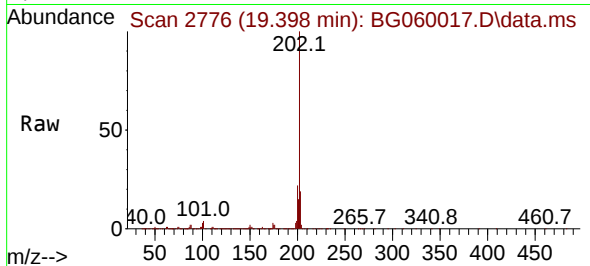
Tgt Ion:149 Resp: 1104454
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.9 11.9
 104 6.9 5.6 8.4





#75
Fluoranthene
Concen: 49.174 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

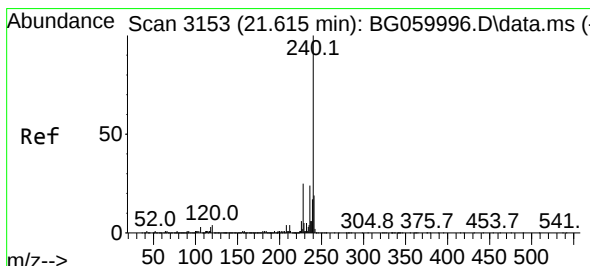
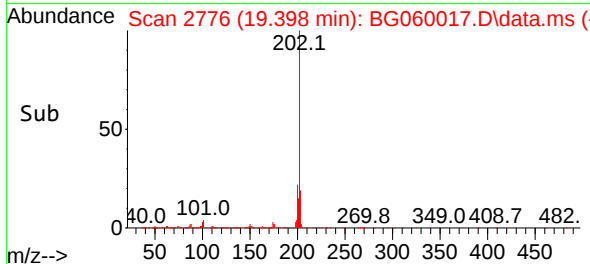
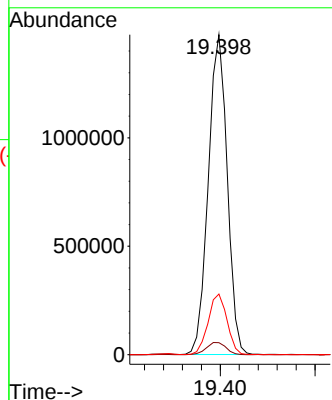


Tgt Ion:202 Resp: 2037715
Ion Ratio Lower Upper
202 100
101 3.8 0.0 24.2
203 18.9 0.0 37.6

Manual Integrations
APPROVED

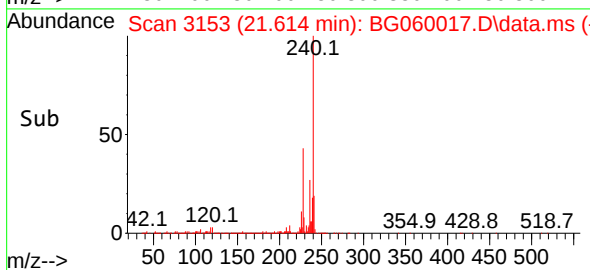
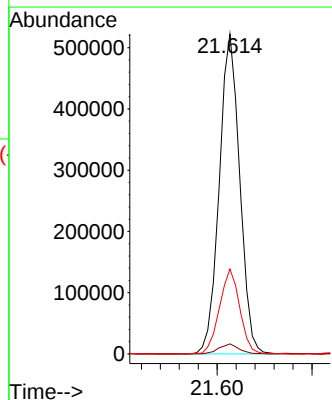
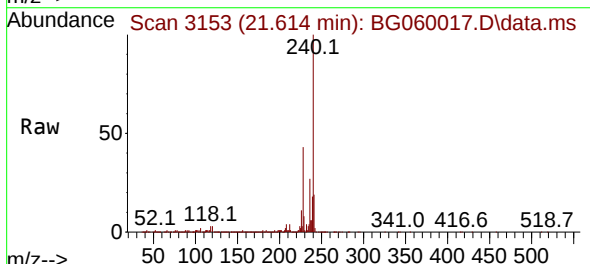
Reviewed By :Yogesh
Patel
12/15/2023

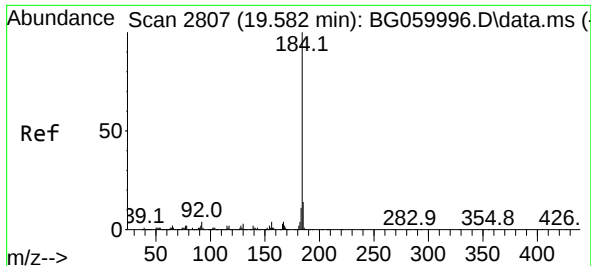
Supervised By :mohammad
ahmed
12/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

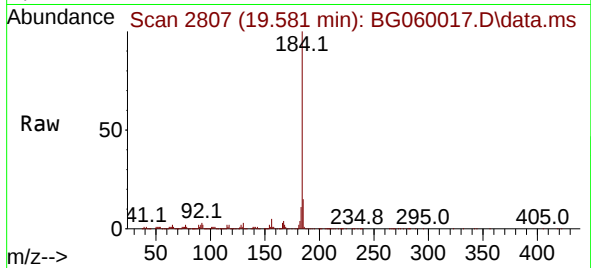
Tgt Ion:240 Resp: 783664
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 26.6 19.4 29.2





#77
Benzidine
Concen: 97.158 ng
RT: 19.581 min Scan# 2807
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument : BNA_G
ClientSampleId : WC-LIQUID-20231206MS

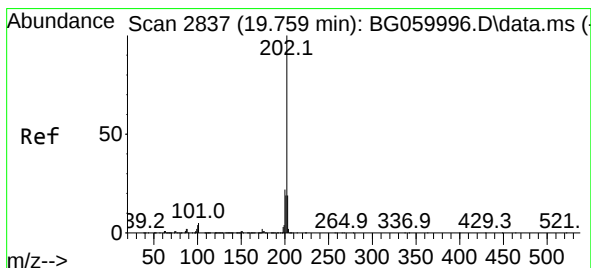
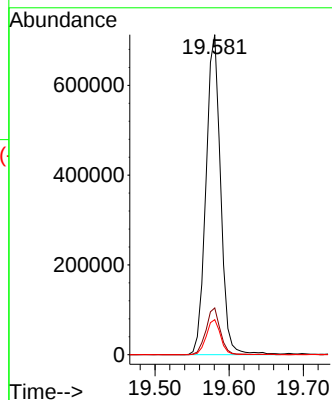


Tgt Ion:184 Resp: 977984
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 10.9 9.0 13.4

Manual Integrations
APPROVED

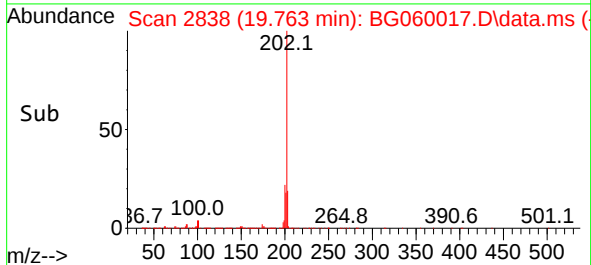
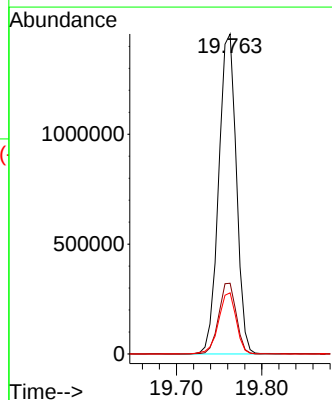
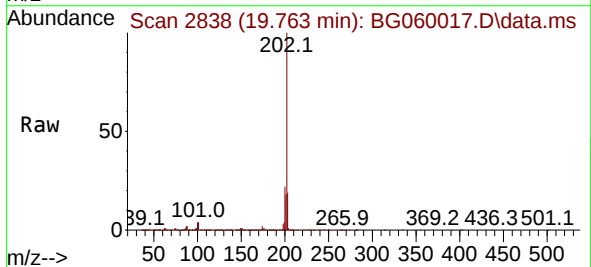
Reviewed By :Yogesh
Patel
12/15/2023

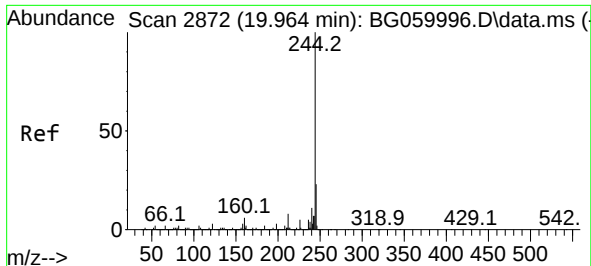
Supervised By :mohammad
ahmed
12/16/2023



#78
Pyrene
Concen: 44.057 ng
RT: 19.763 min Scan# 2838
Delta R.T. 0.004 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

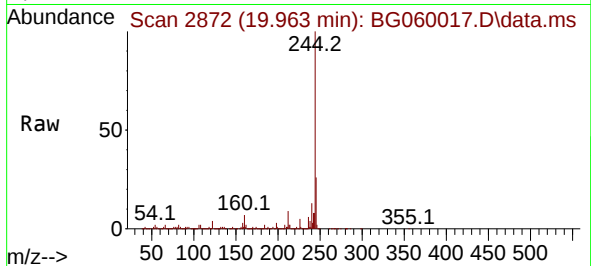
Tgt Ion:202 Resp: 2092912
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 19.1 14.9 22.3





#79
 Terphenyl-d14
 Concen: 86.486 ng
 RT: 19.963 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060017.D
 Acq: 14 Dec 2023 18:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MS

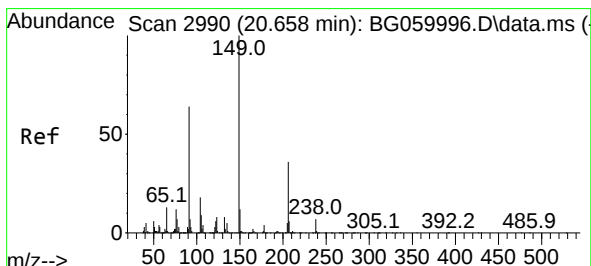
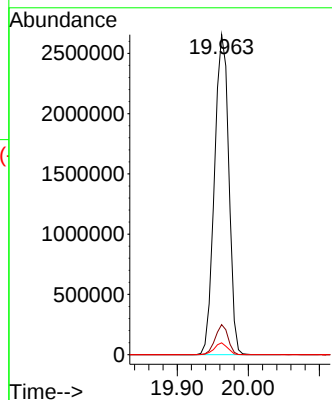


Tgt Ion:244 Resp: 371229
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.8 10.2
 122 3.7 2.6 3.8

Manual Integrations
 APPROVED

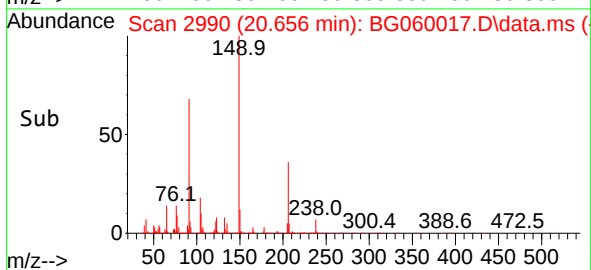
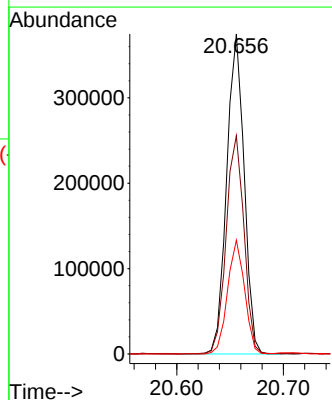
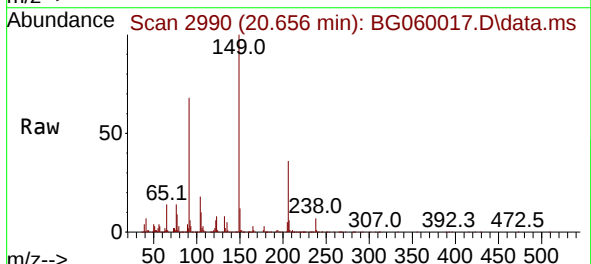
Reviewed By :Yogesh
 Patel
 12/15/2023

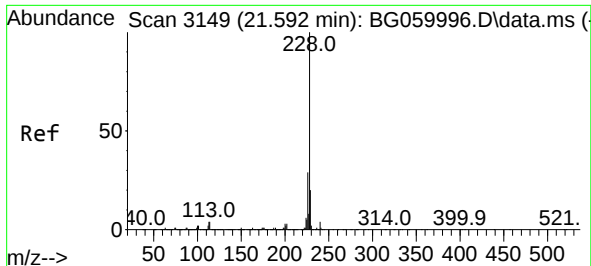
Supervised By :mohammad
 ahmed
 12/16/2023



#80
 Butylbenzylphthalate
 Concen: 49.800 ng
 RT: 20.656 min Scan# 2990
 Delta R.T. -0.002 min
 Lab File: BG060017.D
 Acq: 14 Dec 2023 18:22

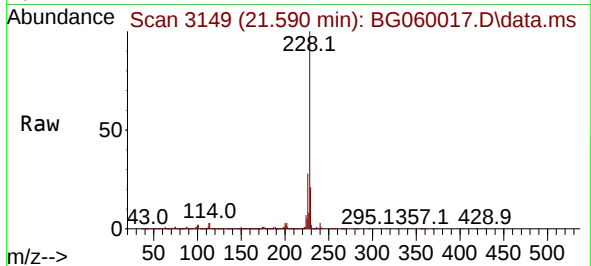
Tgt Ion:149 Resp: 424884
 Ion Ratio Lower Upper
 149 100
 91 68.2 51.3 76.9
 206 35.5 28.8 43.2





#81
Benzo(a)anthracene
Concen: 47.443 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument : BNA_G
ClientSampleId : WC-LIQUID-20231206MS

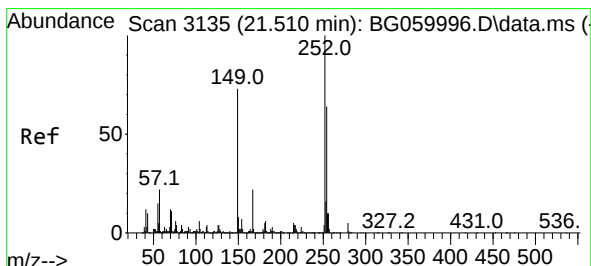
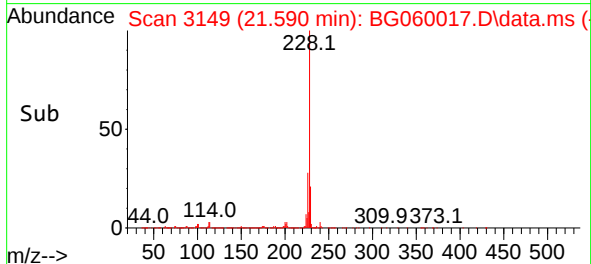
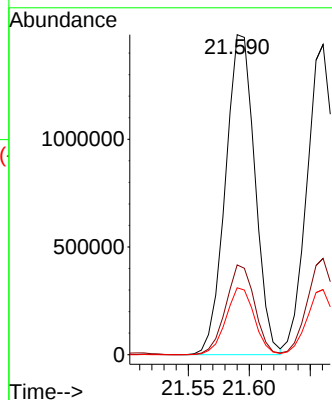


Tgt Ion:228 Resp: 249744
Ion Ratio Lower Upper
228 100
226 28.0 22.9 34.3
229 20.9 16.2 24.2

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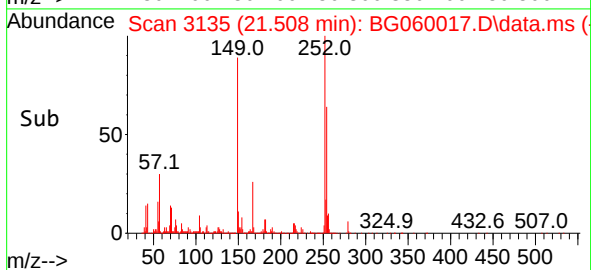
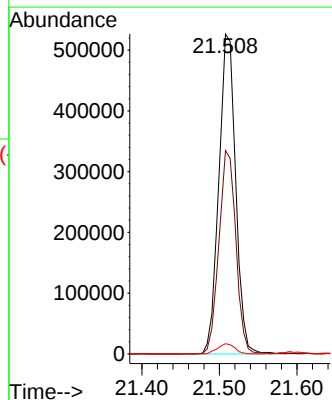
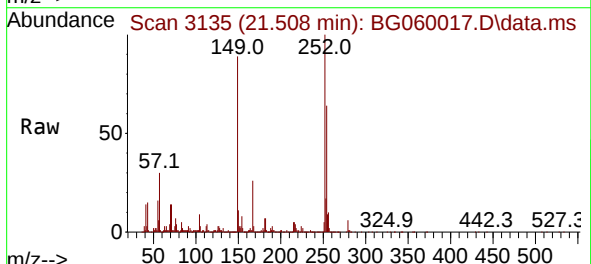
Reviewed By :Yogesh
Patel
12/15/2023

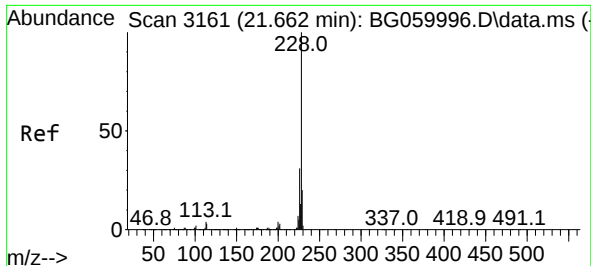
Supervised By :mohammad
ahmed
12/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.945 ng
RT: 21.508 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

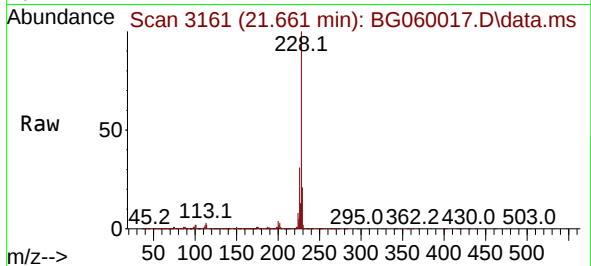
Tgt Ion:252 Resp: 795852
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 3.2 3.0 4.4





#83
Chrysene
Concen: 45.900 ng
RT: 21.661 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

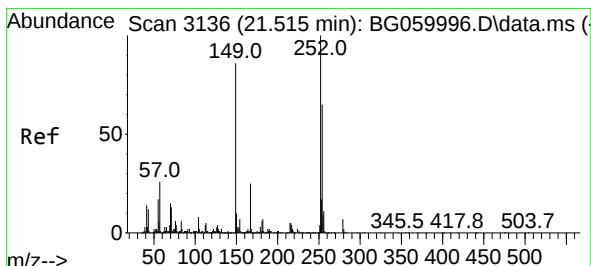
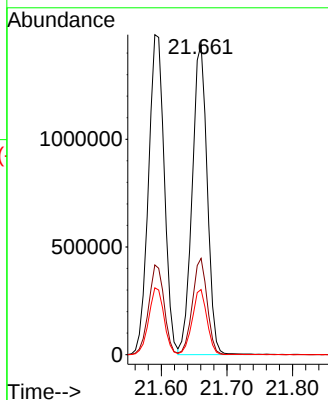
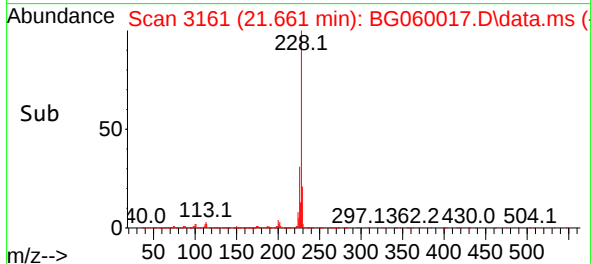


Tgt Ion:228 Resp: 2289140
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 21.0 16.2 24.2

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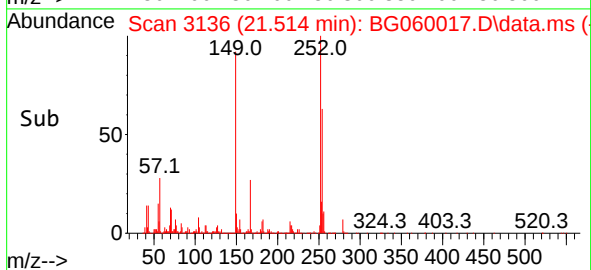
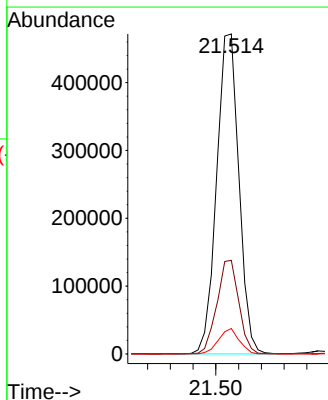
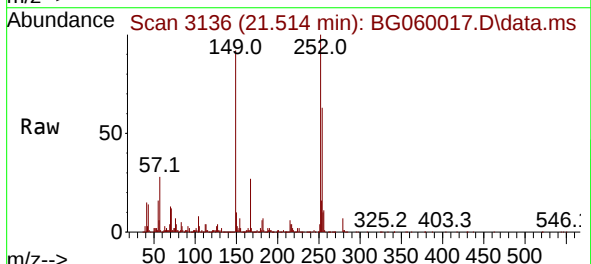
Reviewed By :Yogesh
Patel
12/15/2023

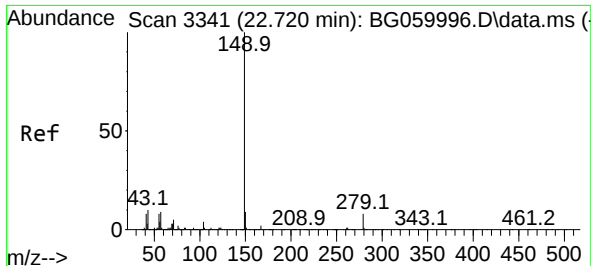
Supervised By :mohammad
ahmed
12/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.696 ng
RT: 21.514 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

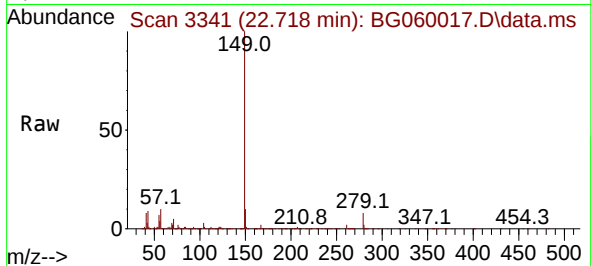
Tgt Ion:149 Resp: 642652
Ion Ratio Lower Upper
149 100
167 29.2 23.0 34.6
279 7.9 6.2 9.2





#85
Di-n-octyl phthalate
Concen: 51.367 ng
RT: 22.718 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

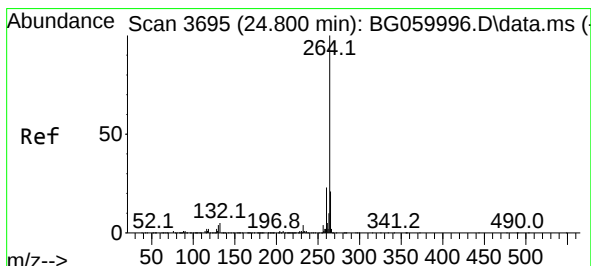
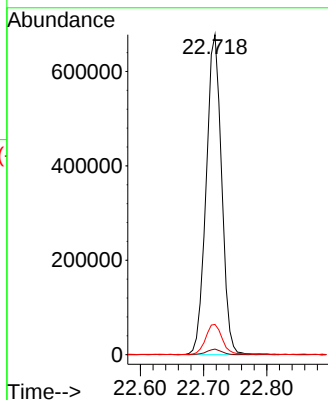
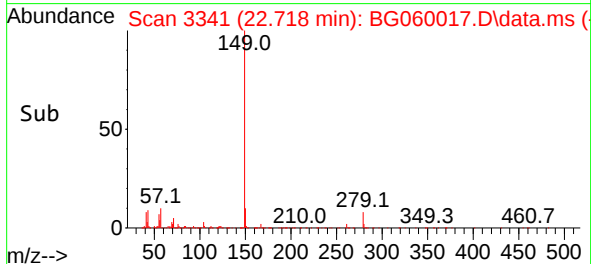


Tgt Ion:149 Resp: 1149028
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.3 8.3 12.5

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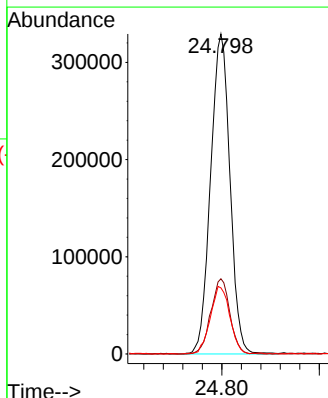
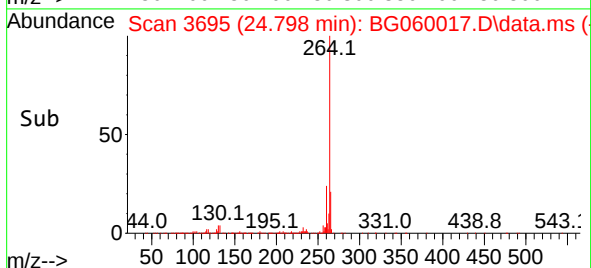
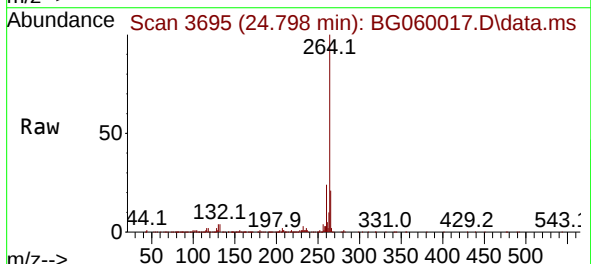
Reviewed By :Yogesh
Patel
12/15/2023

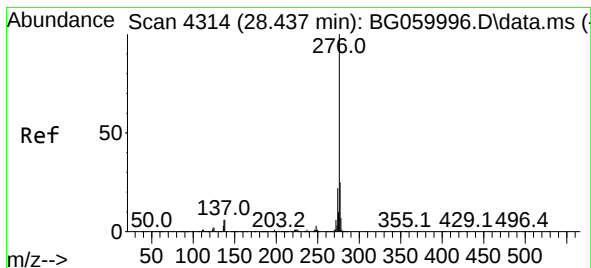
Supervised By :mohammad
ahmed
12/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3695
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion:264 Resp: 907526
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 20.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.045 ng

RT: 28.435 min Scan# 4314

Delta R.T. -0.002 min

Lab File: BG060017.D

Acq: 14 Dec 2023 18:22

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MS

Tgt Ion:276 Resp: 311175

Ion Ratio Lower Upper

276 100

138 4.4 4.7 7.1

277 25.1 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh

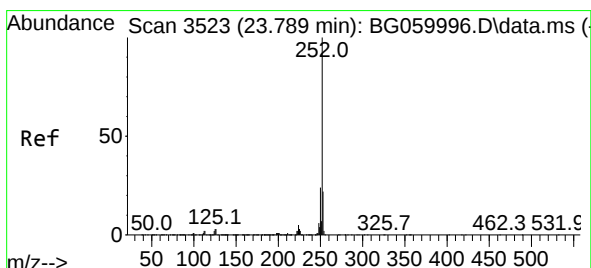
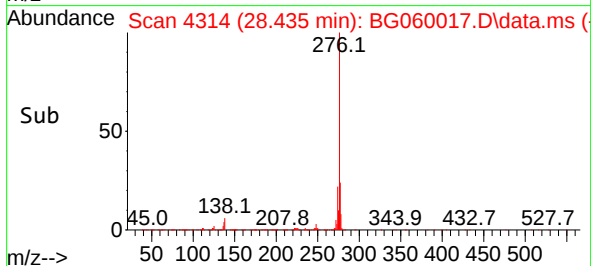
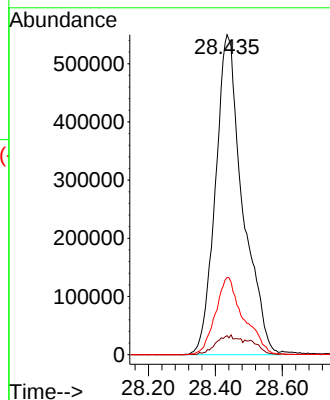
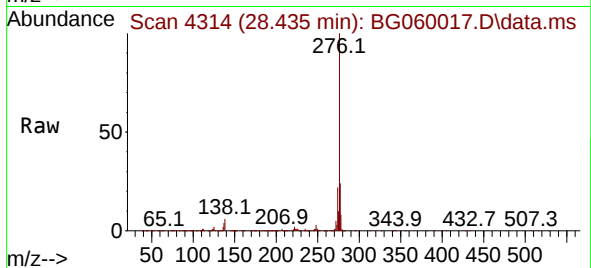
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#88

Benzo(b)fluoranthene

Concen: 45.959 ng

RT: 23.787 min Scan# 3523

Delta R.T. -0.002 min

Lab File: BG060017.D

Acq: 14 Dec 2023 18:22

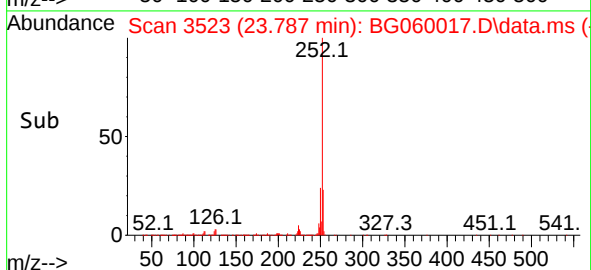
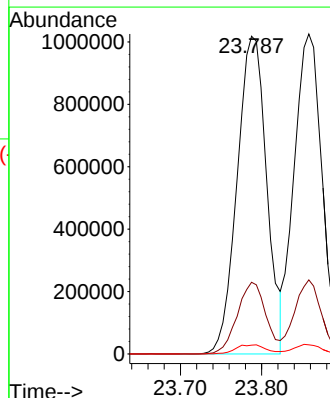
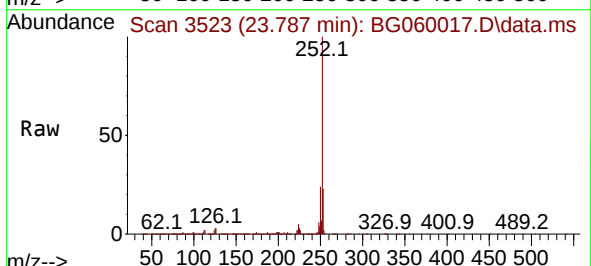
Tgt Ion:252 Resp: 2575921

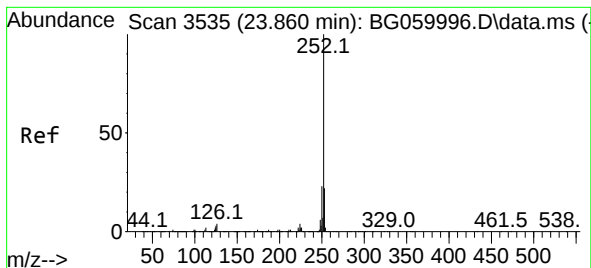
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 2.8 2.6 4.0





#89

Benzo(k)fluoranthene

Concen: 44.530 ng

RT: 23.858 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG060017.D

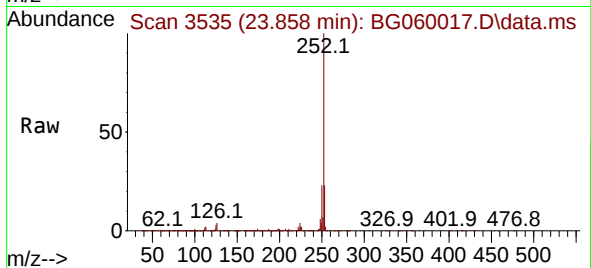
Acq: 14 Dec 2023 18:22

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MS



Tgt Ion:252 Resp: 2420929

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 2.9 2.5 3.7

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Reviewed By :Yogesh

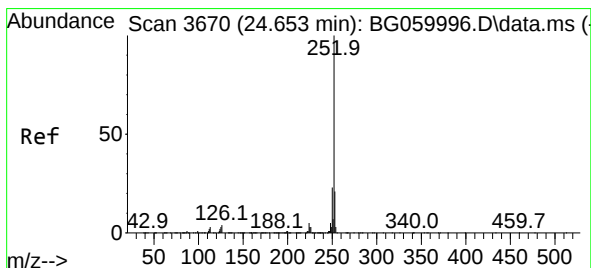
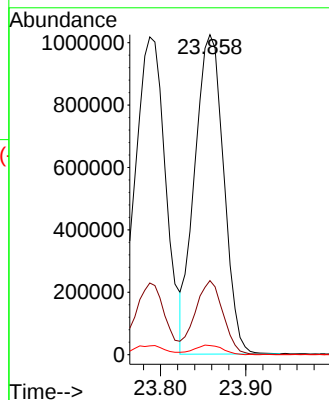
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#90

Benzo(a)pyrene

Concen: 45.649 ng

RT: 24.651 min Scan# 3670

Delta R.T. -0.002 min

Lab File: BG060017.D

Acq: 14 Dec 2023 18:22

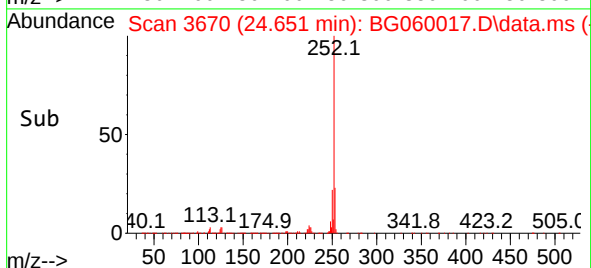
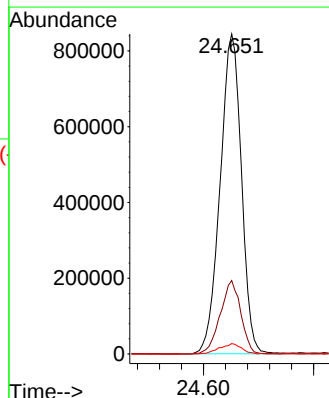
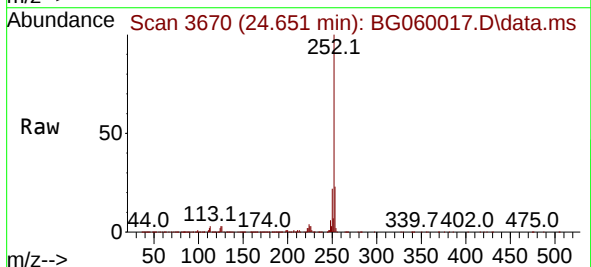
Tgt Ion:252 Resp: 2266798

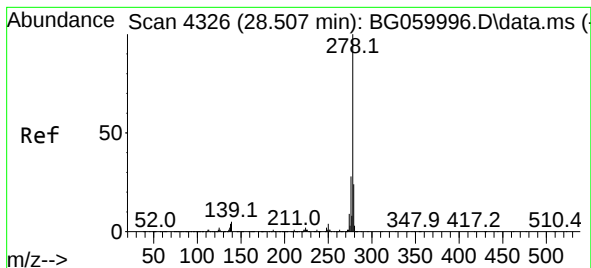
Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

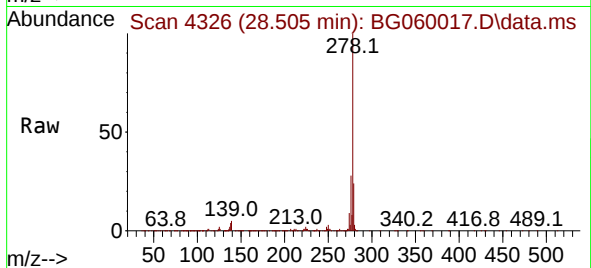
125 3.3 2.6 4.0





#91
Dibenzo(a,h)anthracene
Concen: 48.422 ng
RT: 28.505 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

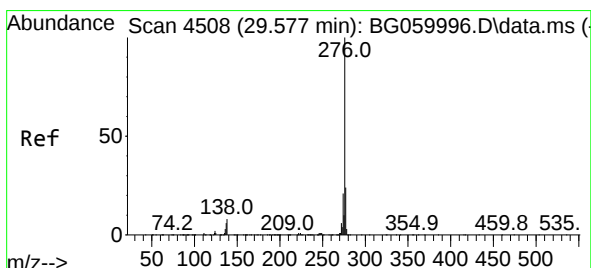
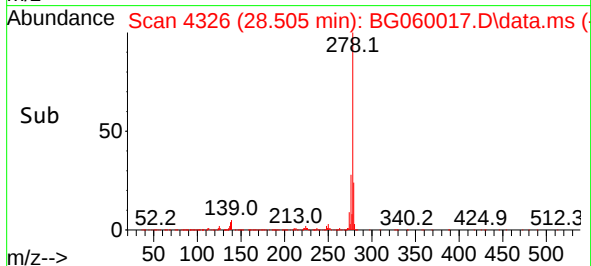
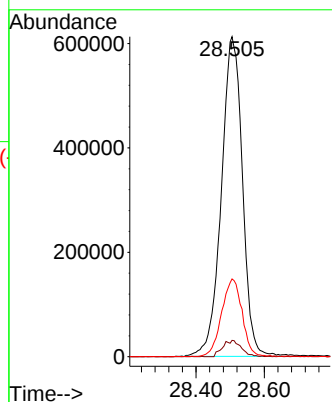


Tgt Ion:278 Resp: 262248
Ion Ratio Lower Upper
278 100
139 5.1 4.4 6.6
279 24.3 19.4 29.2

Manual Integrations
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Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/16/2023



#92
Benzo(g,h,i)perylene
Concen: 45.641 ng
RT: 29.569 min Scan# 4507
Delta R.T. -0.008 min
Lab File: BG060017.D
Acq: 14 Dec 2023 18:22

Tgt Ion:276 Resp: 2458751
Ion Ratio Lower Upper
276 100
277 22.5 19.4 29.2
138 6.4 6.0 9.0

