

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG059995.D
 Acq On : 13 Dec 2023 14:01
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:40:08 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 01:32:11 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	65864	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	243010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	211107	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	636429	20.000	ng	0.00
76) Chrysene-d12	21.614	240	752879	20.000	ng	0.00
86) Perylene-d12	24.798	264	880846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	168115	43.694	ng	0.00
7) Phenol-d6	7.107	99	218237	40.323	ng	0.00
23) Nitrobenzene-d5	9.117	82	212578	39.722	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	199947	40.642	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	701293	40.658	ng	0.00
79) Terphenyl-d14	19.963	244	1875633	45.484	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	36425	20.007	ng	92
3) Pyridine	3.829	79	101899	20.009	ng	94
4) n-Nitrosodimethylamine	3.752	42	49933	19.910	ng	80
6) Aniline	7.278	93	113153	20.526	ng	95
8) 2-Chlorophenol	7.519	128	73312	20.107	ng	98
9) Benzaldehyde	7.096	77	76207	23.157	ng	93
10) Phenol	7.137	94	112571	20.705	ng	94
11) bis(2-Chloroethyl)ether	7.378	93	82927	21.306	ng	94
12) 1,3-Dichlorobenzene	7.848	146	98127	20.126	ng	94
13) 1,4-Dichlorobenzene	7.994	146	103494	20.399	ng	95
14) 1,2-Dichlorobenzene	8.312	146	98423	20.164	ng	94
15) Benzyl Alcohol	8.188	79	87569	20.132	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	144553	20.756	ng	96
17) 2-Methylphenol	8.388	107	74866	20.654	ng	93
18) Hexachloroethane	9.040	117	31130	20.255	ng	96
19) n-Nitroso-di-n-propyla...	8.758	70	73617	21.083	ng	# 89
20) 3+4-Methylphenols	8.711	107	104170	20.574	ng	93
22) Acetophenone	8.776	105	150388	21.237	ng	# 98
24) Nitrobenzene	9.158	77	110730	20.380	ng	91
25) Isophorone	9.681	82	210016	20.504	ng	97
26) 2-Nitrophenol	9.869	139	39835	19.936	ng	93
27) 2,4-Dimethylphenol	9.922	122	58940	21.519	ng	95
28) bis(2-Chloroethoxy)met...	10.163	93	109951	20.791	ng	# 98
29) 2,4-Dichlorophenol	10.398	162	102680	20.873	ng	90
30) 1,2,4-Trichlorobenzene	10.621	180	139050	20.882	ng	98
31) Naphthalene	10.809	128	261211	20.648	ng	97
32) Benzoic acid	10.022	122	51913m	20.833	ng	
33) 4-Chloroaniline	10.915	127	101181	21.020	ng	# 95
34) Hexachlorobutadiene	11.097	225	123501	20.265	ng	93
35) Caprolactam	11.667	113	25928	20.748	ng	# 80
36) 4-Chloro-3-methylphenol	12.031	107	94700	21.167	ng	# 90
37) 2-Methylnaphthalene	12.419	142	202899	20.449	ng	97
38) 1-Methylnaphthalene	12.636	142	202788	20.690	ng	96
40) 1,2,4,5-Tetrachloroben...	12.783	216	222238	20.193	ng	99
41) Hexachlorocyclopentadiene	12.765	237	87901	19.331	ng	92
43) 2,4,6-Trichlorophenol	13.018	196	124514	20.178	ng	96

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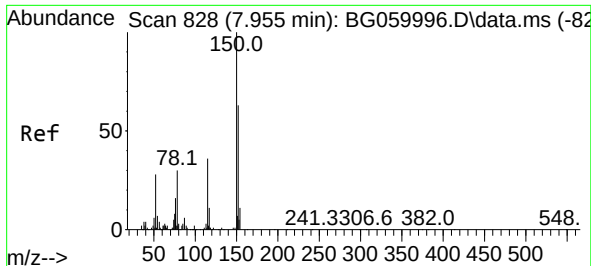
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:32:11 2023

Response via : Initial Calibration

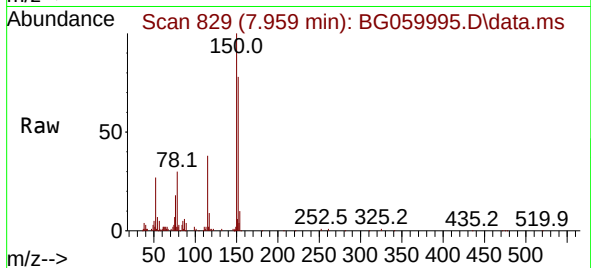
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	137705	20.516	ng	94
46) 1,1'-Biphenyl	13.429	154	318520	20.345	ng	97
47) 2-Chloronaphthalene	13.470	162	273562	20.176	ng	98
48) 2-Nitroaniline	13.664	65	55572	18.987	ng	92
49) Acenaphthylene	14.316	152	374130	20.172	ng	99
50) Dimethylphthalate	14.046	163	334557	20.417	ng	99
51) 2,6-Dinitrotoluene	14.164	165	67298	19.826	ng	93
52) Acenaphthene	14.657	154	256789	20.113	ng	98
53) 3-Nitroaniline	14.493	138	52412	19.323	ng	98
54) 2,4-Dinitrophenol	14.693	184	50859	20.336	ng	# 90
55) Dibenzofuran	14.992	168	430803	20.732	ng	96
56) 4-Nitrophenol	14.787	139	45103	19.785	ng	98
57) 2,4-Dinitrotoluene	14.945	165	96468	20.217	ng	91
58) Fluorene	15.638	166	361635	20.639	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.210	232	141916	20.312	ng	99
60) Diethylphthalate	15.415	149	305896	20.289	ng	95
61) 4-Chlorophenyl-phenyle...	15.633	204	252130	19.979	ng	96
62) 4-Nitroaniline	15.650	138	61338	20.767	ng	# 81
63) Azobenzene	15.926	77	306894	20.645	ng	97
65) 4,6-Dinitro-2-methylph...	15.709	198	77724	19.478	ng	91
66) n-Nitrosodiphenylamine	15.844	169	316523	20.358	ng	97
67) 4-Bromophenyl-phenylether	16.532	248	179857	20.030	ng	96
68) Hexachlorobenzene	16.643	284	209389	19.947	ng	95
69) Atrazine	16.796	200	129487	20.312	ng	96
70) Pentachlorophenol	16.984	266	142929	21.018	ng	94
71) Phenanthrene	17.383	178	631149	20.474	ng	99
72) Anthracene	17.472	178	643868	20.773	ng	99
73) Carbazole	17.742	167	553578	21.018	ng	98
74) Di-n-butylphthalate	18.312	149	497260	20.696	ng	98
75) Fluoranthene	19.399	202	935015	20.785	ng	98
77) Benzidine	19.575	184	152074	15.726	ng	99
78) Pyrene	19.757	202	971529	21.288	ng	98
80) Butylbenzylphthalate	20.656	149	165206	20.155	ng	99
81) Benzo(a)anthracene	21.590	228	1070005	21.158	ng	98
82) 3,3'-Dichlorobenzidine	21.508	252	341733	20.535	ng	99
83) Chrysene	21.655	228	1015436	21.193	ng	97
84) Bis(2-ethylhexyl)phtha...	21.514	149	254360	20.474	ng	97
85) Di-n-octyl phthalate	22.718	149	436631	20.318	ng	99
87) Indeno(1,2,3-cd)pyrene	28.429	276	1273931	20.265	ng	# 98
88) Benzo(b)fluoranthene	23.788	252	1104999	20.312	ng	100
89) Benzo(k)fluoranthene	23.852	252	1086071	20.577	ng	99
90) Benzo(a)pyrene	24.646	252	980521	20.344	ng	# 97
91) Dibenzo(a,h)anthracene	28.500	278	1074305	20.437	ng	96
92) Benzo(g,h,i)perylene	29.563	276	1051729	20.114	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

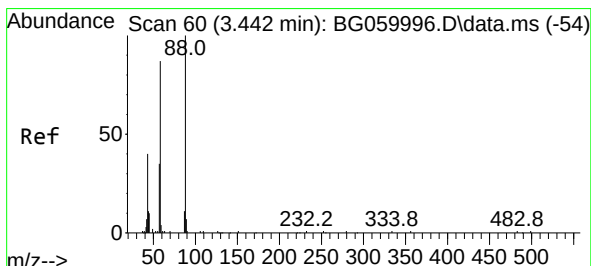
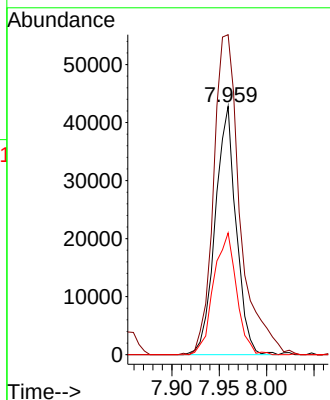
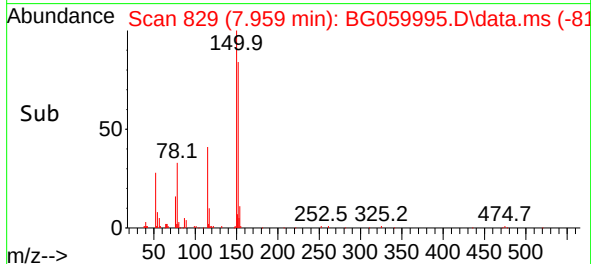
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 65864
Ion Ratio Lower Upper
152 100
150 128.9 127.0 190.6
115 49.1 45.7 68.5

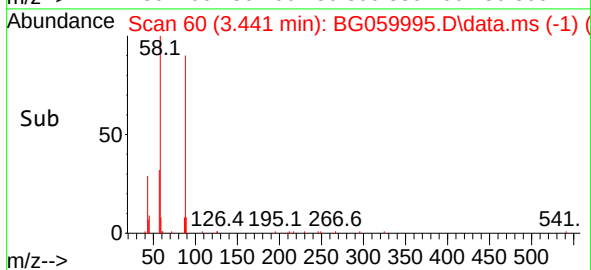
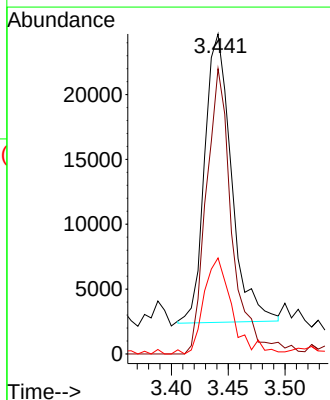
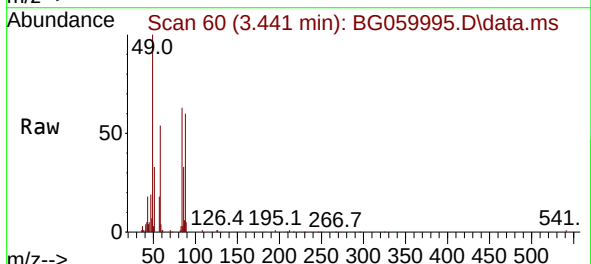
Manual Integrations
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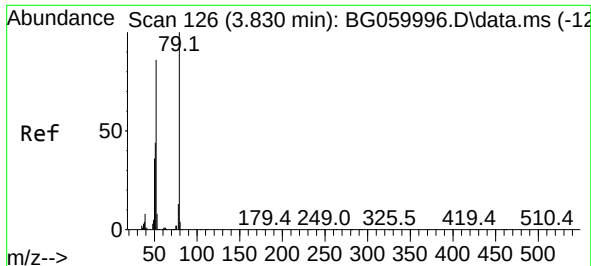
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 20.007 ng
RT: 3.441 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion: 88 Resp: 36425
Ion Ratio Lower Upper
88 100
58 95.4 68.5 102.7
43 34.6 28.8 43.2





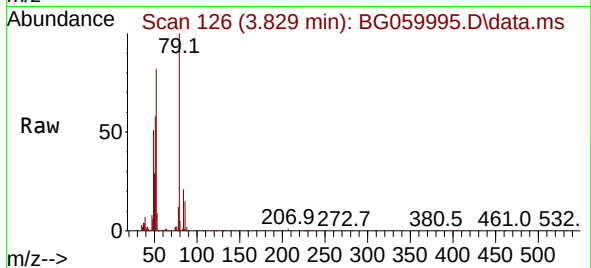
#3
Pyridine
Concen: 20.009 ng
RT: 3.829 min Scan# 112
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

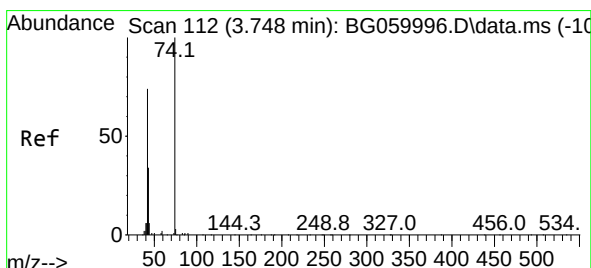
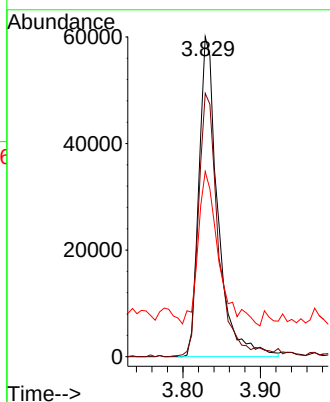
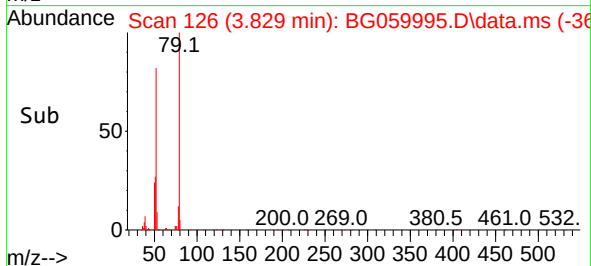
SSTDICC020



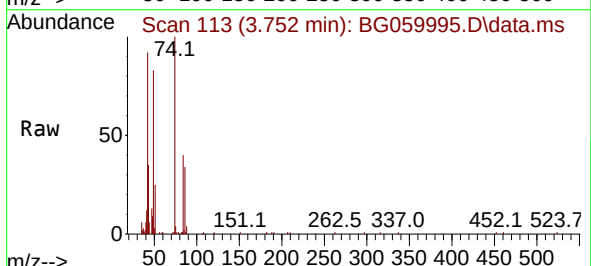
Tgt Ion: 79 Resp: 101899
Ion Ratio Lower Upper
79 100
52 82.3 68.7 103.1
51 57.9 41.1 61.7

Manual Integrations
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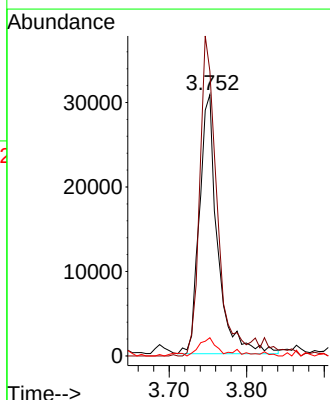
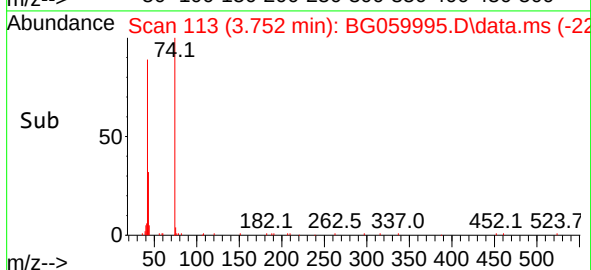
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

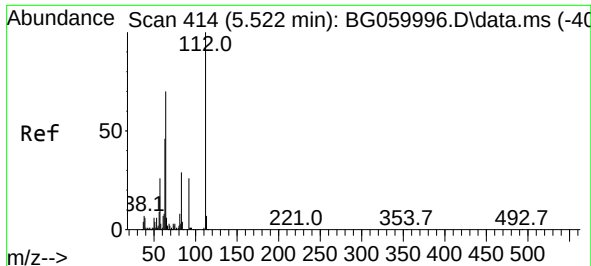


#4
n-Nitrosodimethylamine
Concen: 19.910 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



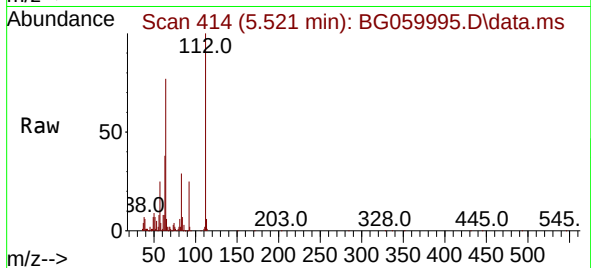
Tgt Ion: 42 Resp: 49933
Ion Ratio Lower Upper
42 100
74 109.0 107.4 161.2
44 7.0 6.0 9.0





#5
2-Fluorophenol
Concen: 43.694 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

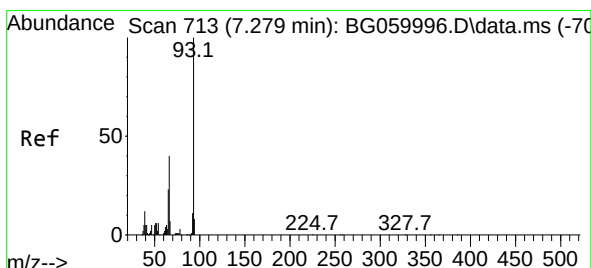
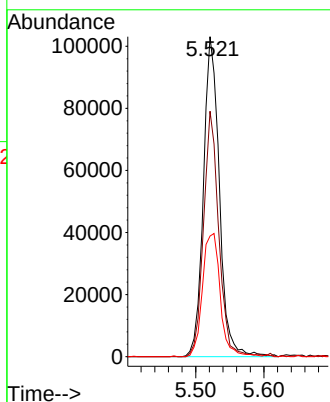
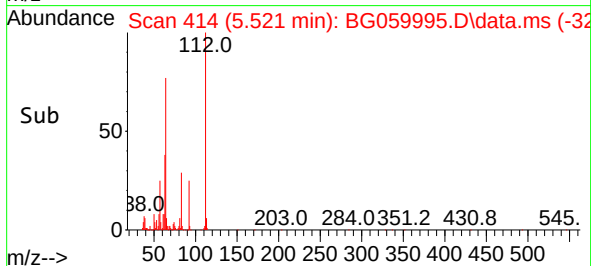
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



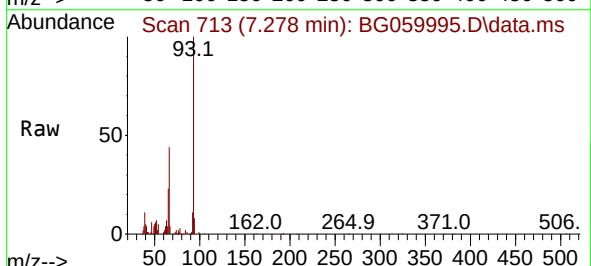
Tgt Ion: 112 Resp: 168115
Ion Ratio Lower Upper
112 100
64 76.7 55.9 83.9
63 37.7 36.5 54.7

Manual Integrations
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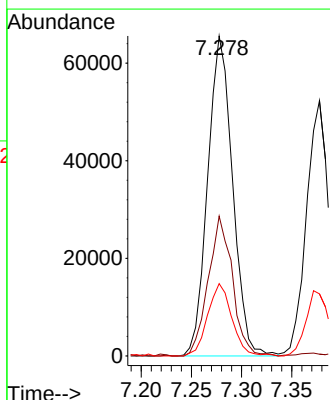
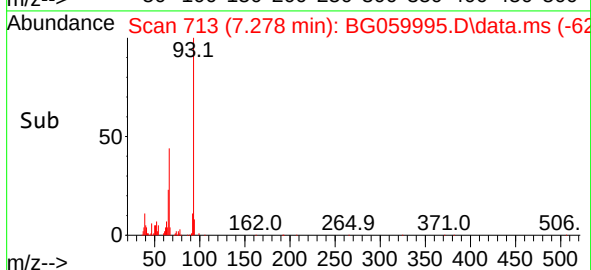
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

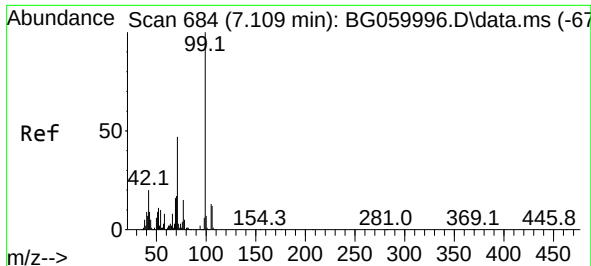


#6
Aniline
Concen: 20.526 ng
RT: 7.278 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



Tgt Ion: 93 Resp: 113153
Ion Ratio Lower Upper
93 100
66 43.7 31.8 47.8
65 22.6 18.6 28.0





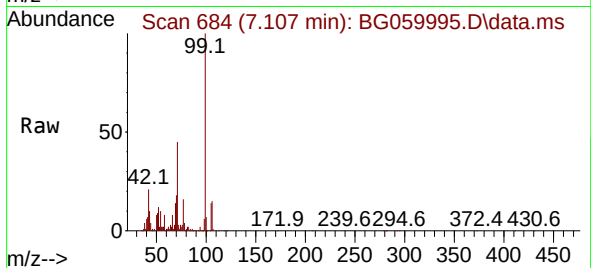
#7
Phenol-d6
Concen: 40.323 ng
RT: 7.107 min Scan# 684
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



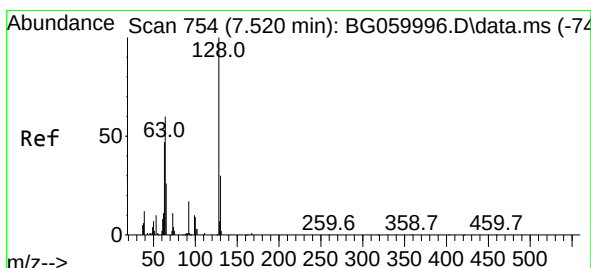
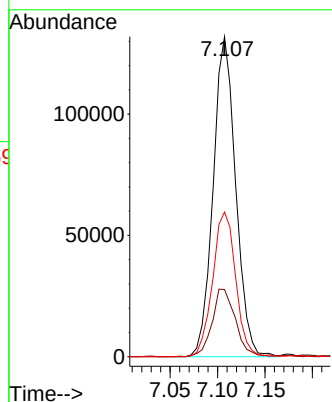
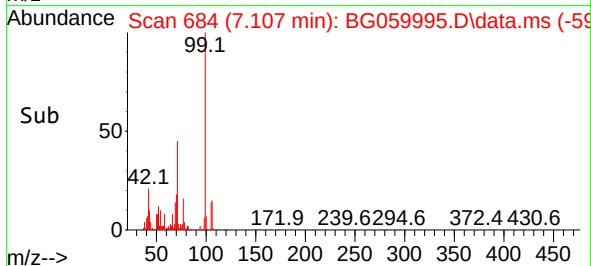
Tgt Ion: 99 Resp: 21823
Ion Ratio Lower Upper
99 100
42 21.0 16.2 24.4
71 45.2 37.6 56.4

Manual Integrations

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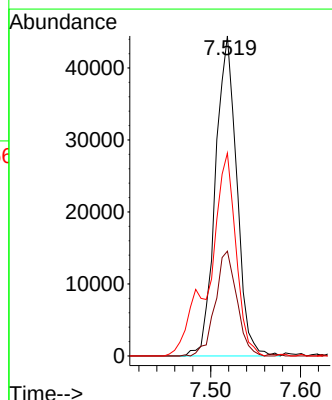
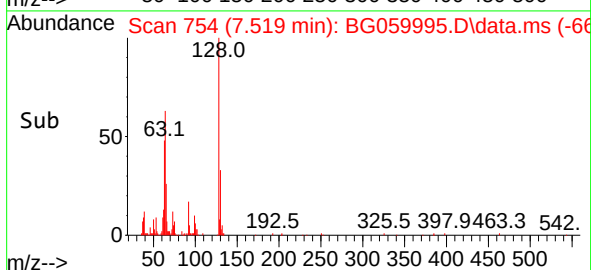
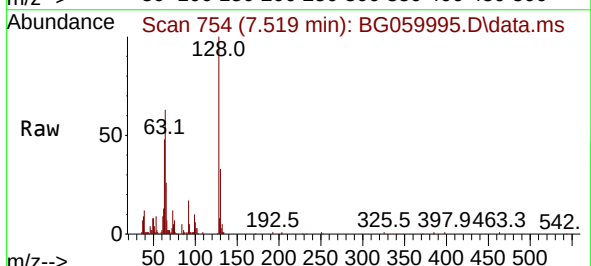
Reviewed By :Yogesh Patel 12/14/2023

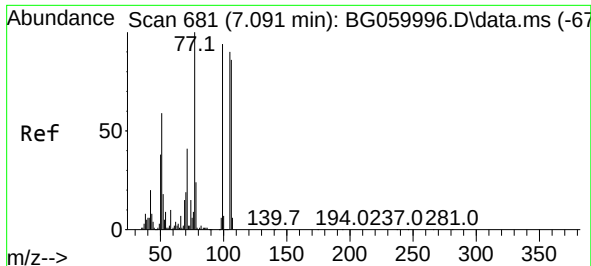
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 20.107 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:128 Resp: 73312
Ion Ratio Lower Upper
128 100
130 32.8 10.3 50.3
64 63.4 44.2 84.2





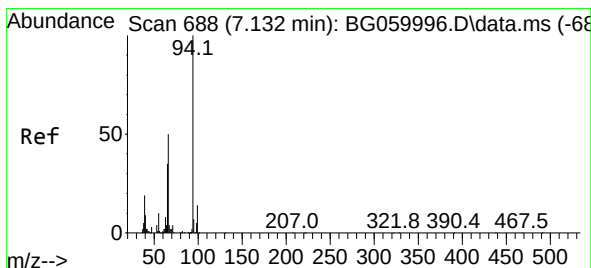
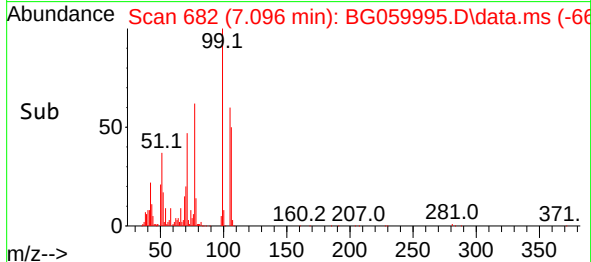
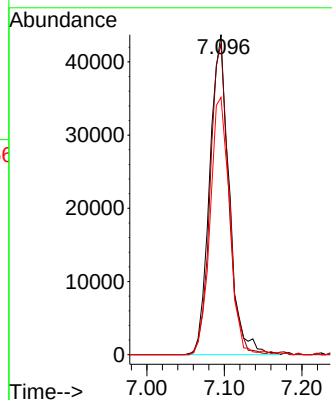
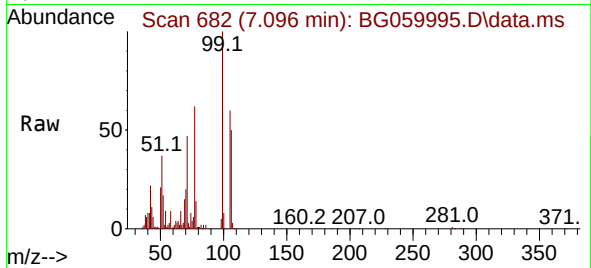
#9
Benzaldehyde
Concen: 23.157 ng
RT: 7.096 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 7620
Ion Ratio Lower Upper
77 100
105 97.1 70.5 110.5
106 80.4 66.0 106.0

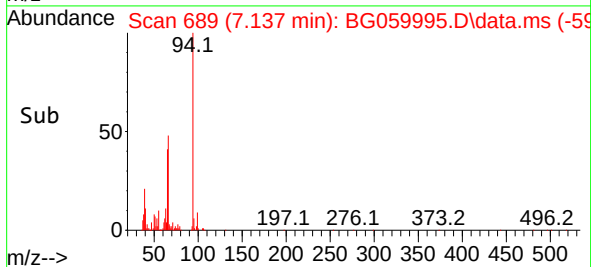
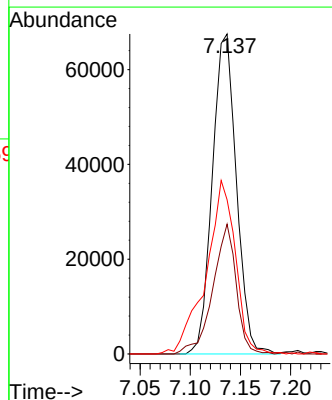
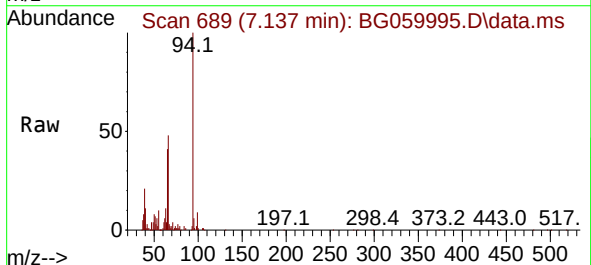
Manual Integrations
APPROVED

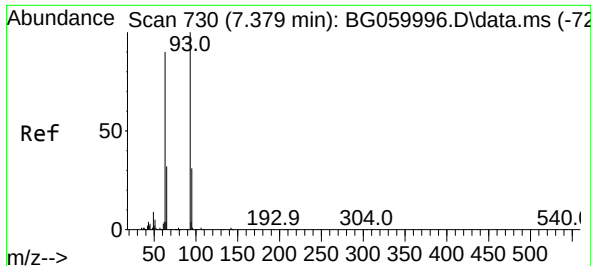
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 20.705 ng
RT: 7.137 min Scan# 689
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion: 94 Resp: 112571
Ion Ratio Lower Upper
94 100
65 40.5 15.5 55.5
66 48.2 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 21.306 ng
RT: 7.378 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

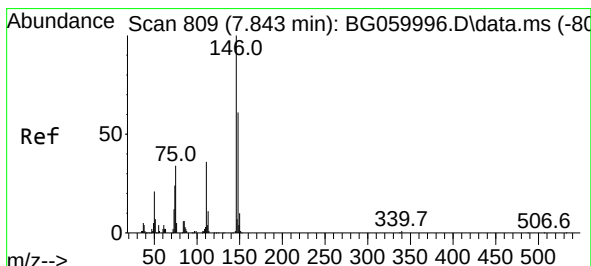
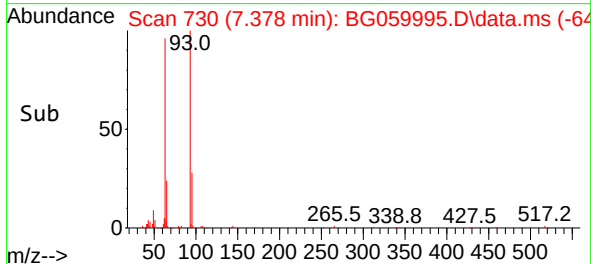
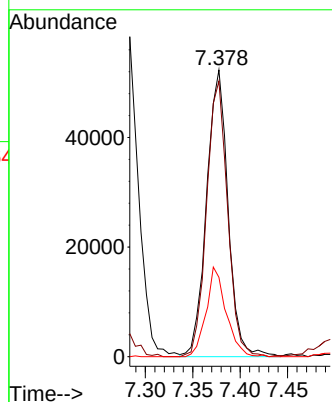
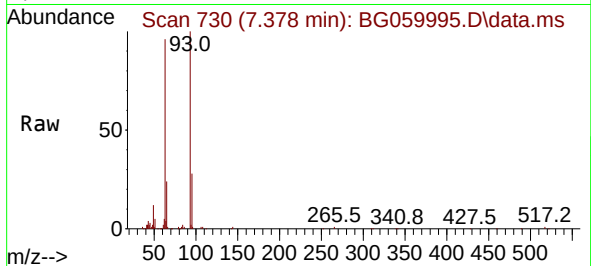
ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 8292
Ion Ratio Lower Upper
93 100
63 96.1 69.8 109.8
95 27.7 10.7 50.7

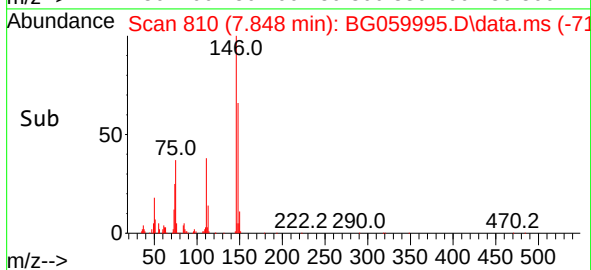
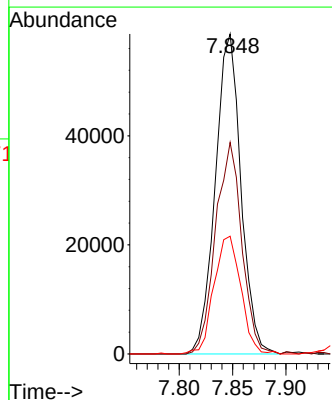
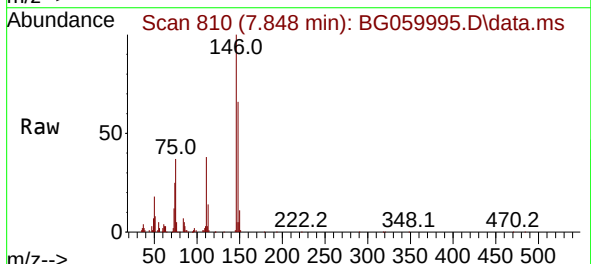
Manual Integrations
APPROVED

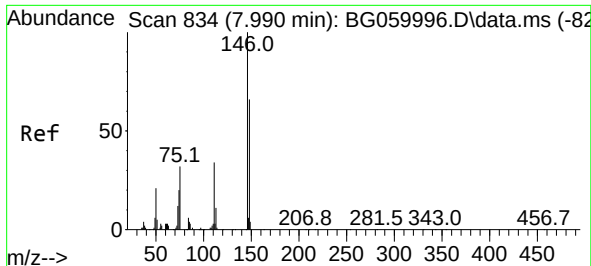
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 20.126 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:146 Resp: 98127
Ion Ratio Lower Upper
146 100
148 66.1 49.1 73.7
75 36.8 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 20.399 ng
RT: 7.994 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

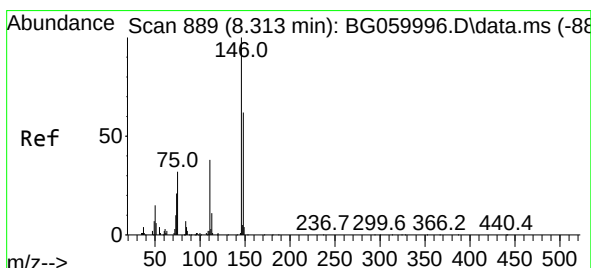
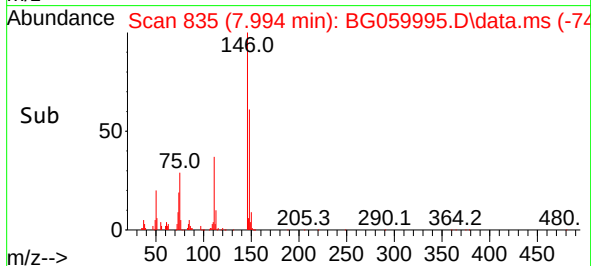
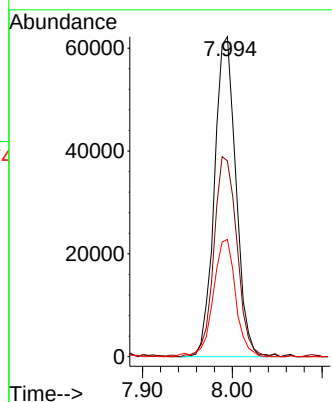
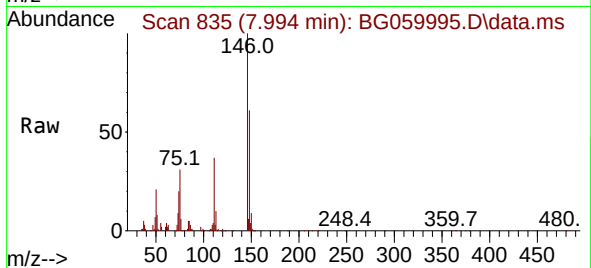
SSTDICC020

Tgt Ion:146 Resp: 103494
Ion Ratio Lower Upper
146 100
148 61.2 52.9 79.3
111 36.7 27.6 41.4

Manual Integrations

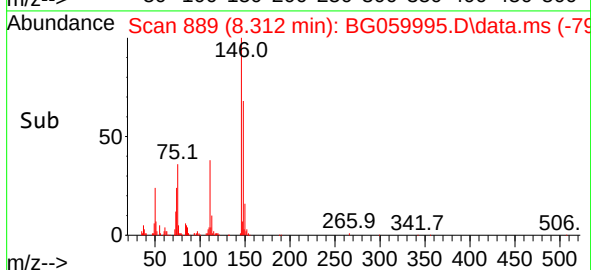
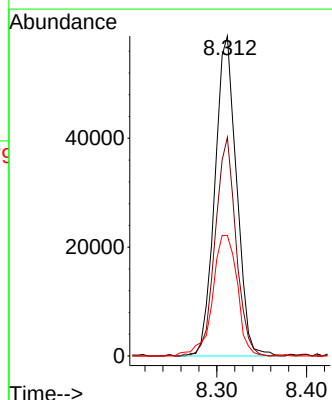
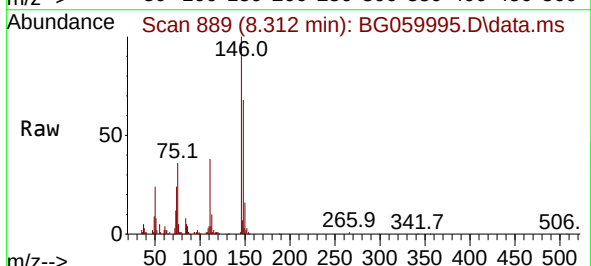
APPROVED

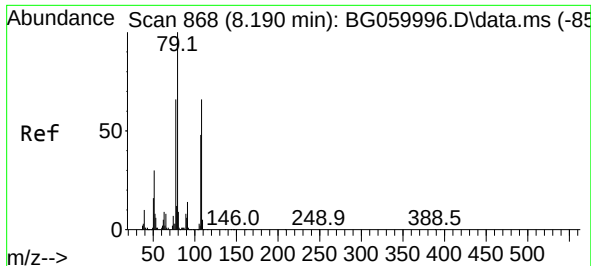
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#14
1,2-Dichlorobenzene
Concen: 20.164 ng
RT: 8.312 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

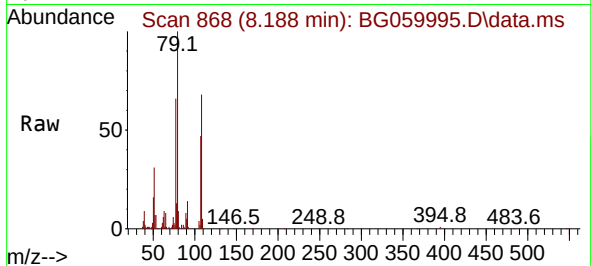
Tgt Ion:146 Resp: 98423
Ion Ratio Lower Upper
146 100
148 68.3 49.7 74.5
111 37.7 30.9 46.3





#15
Benzyl Alcohol
Concen: 20.132 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

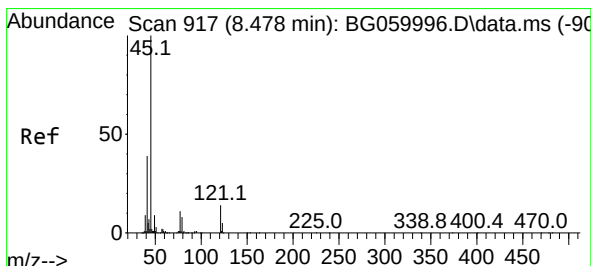
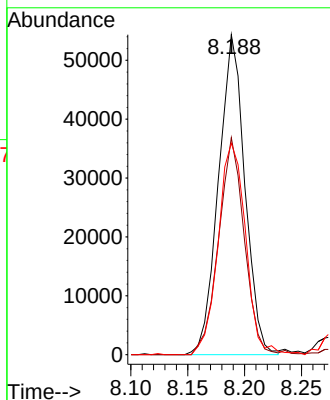
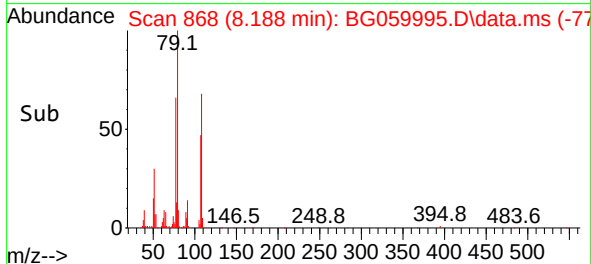
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



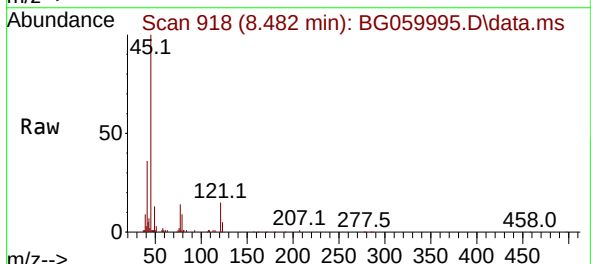
Tgt Ion: 79 Resp: 87569
Ion Ratio Lower Upper
79 100
108 67.8 53.1 79.7
77 66.1 52.8 79.2

Manual Integrations
APPROVED

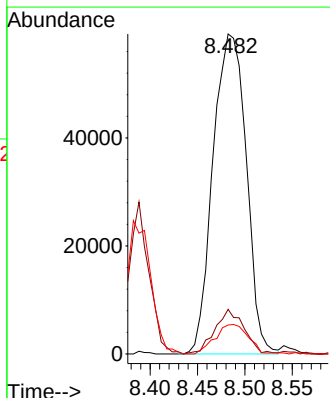
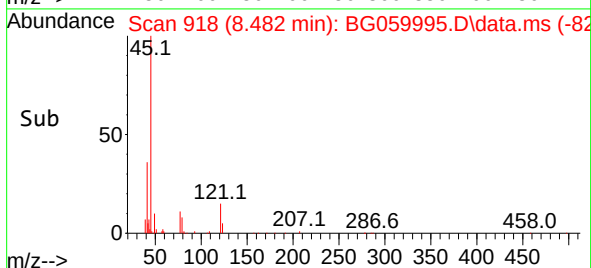
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

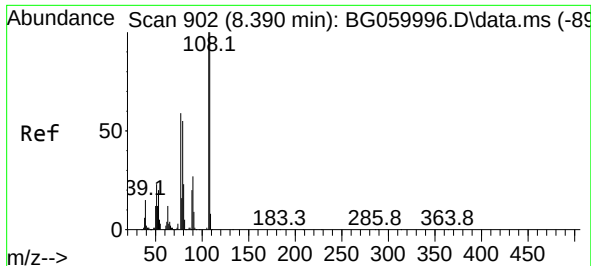


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.756 ng
RT: 8.482 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



Tgt Ion: 45 Resp: 144553
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.7
79 9.1 0.0 28.7





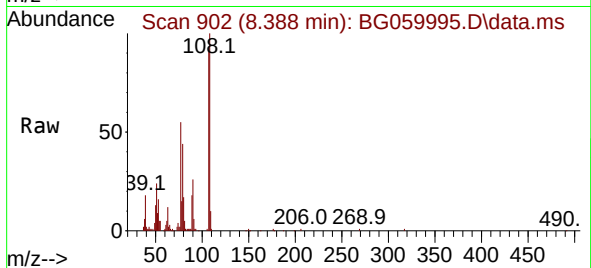
#17
2-Methylphenol
Concen: 20.654 ng
RT: 8.388 min Scan# 902
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

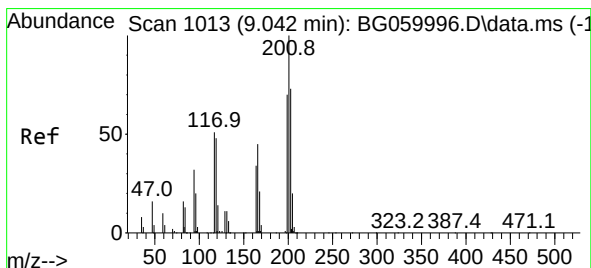
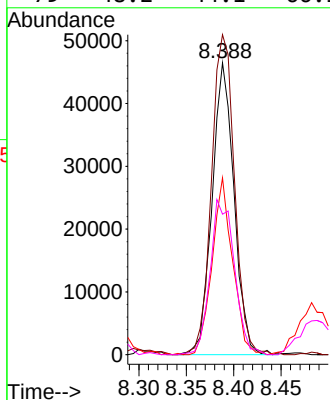
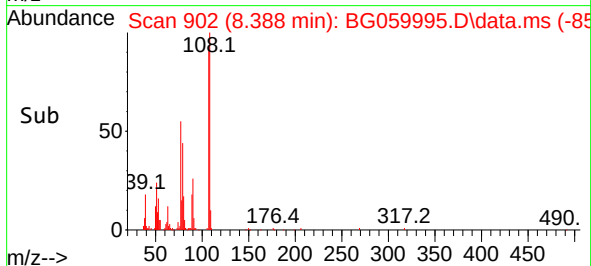


Tgt Ion:107 Resp: 74860
Ion Ratio Lower Upper
107 100
108 109.6 80.7 121.1
77 60.6 47.8 71.6
79 48.2 44.1 66.1

Manual Integrations

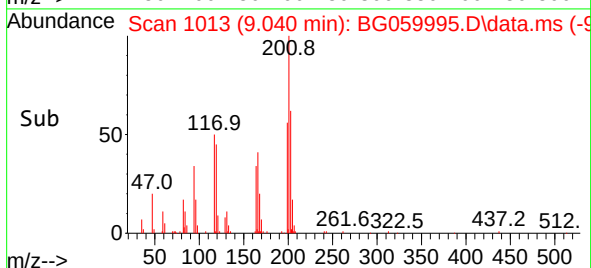
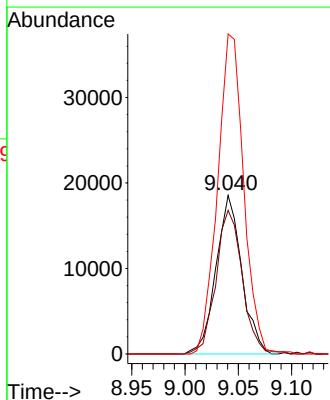
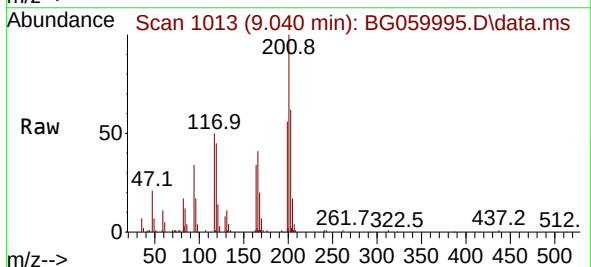
APPROVED

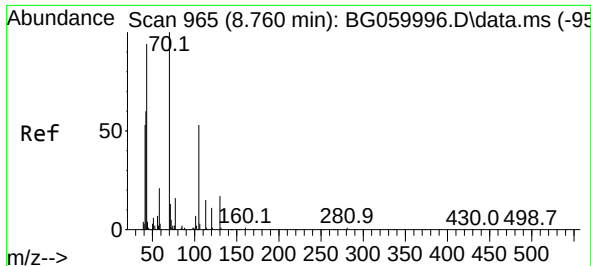
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 20.255 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

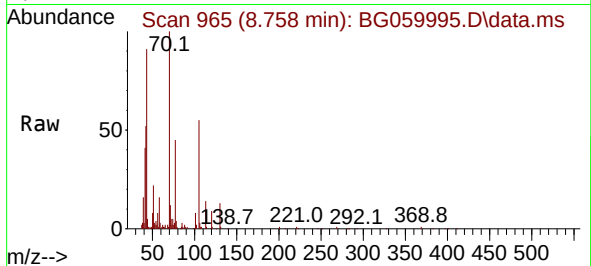
Tgt Ion:117 Resp: 31130
Ion Ratio Lower Upper
117 100
119 90.5 74.5 111.7
201 201.8 156.5 234.7





#19
n-Nitroso-di-n-propylamine
Concen: 21.083 ng
RT: 8.758 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

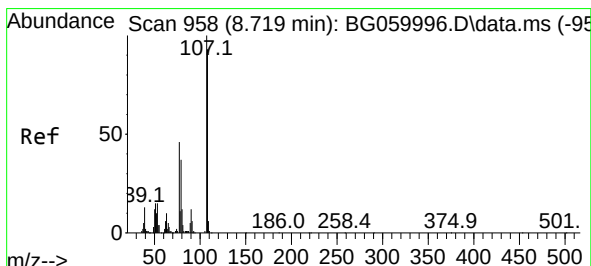
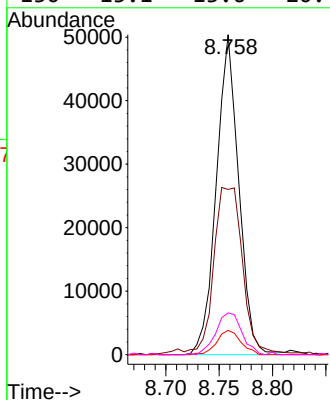
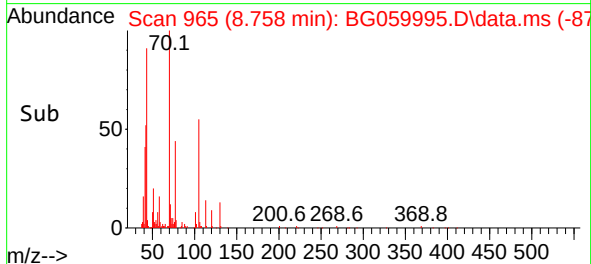
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



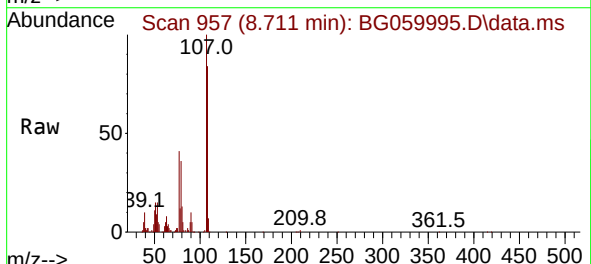
Tgt Ion: 70 Resp: 7361
Ion Ratio Lower Upper
70 100
42 51.7 48.6 73.0
101 7.6 5.7 8.5
130 13.1 13.6 20.4#

Manual Integrations
APPROVED

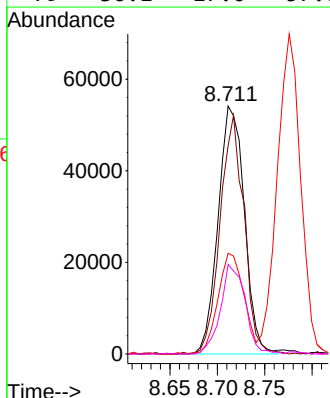
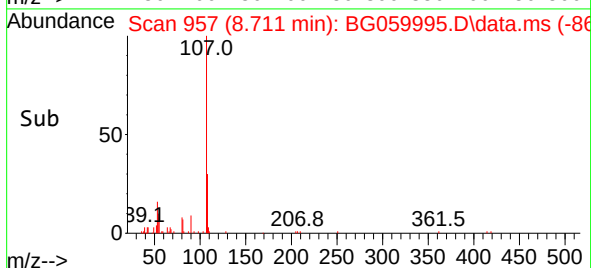
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

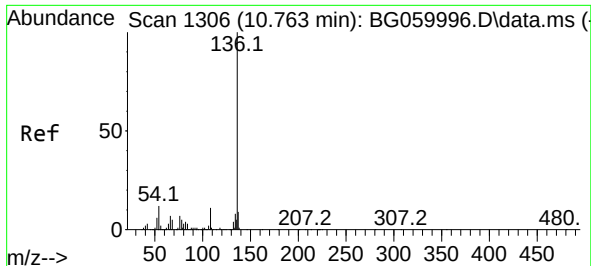


#20
3+4-Methylphenols
Concen: 20.574 ng
RT: 8.711 min Scan# 957
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



Tgt Ion:107 Resp: 104170
Ion Ratio Lower Upper
107 100
108 84.1 72.8 112.8
77 40.6 25.6 65.6
79 36.1 17.0 57.0





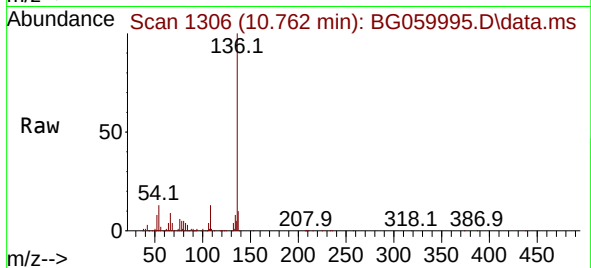
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



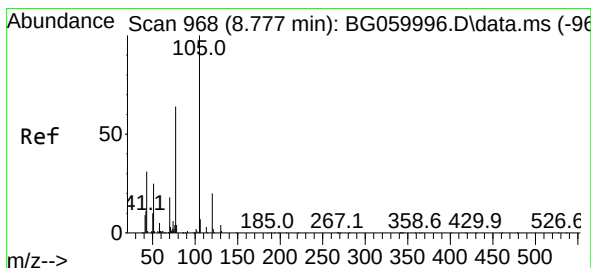
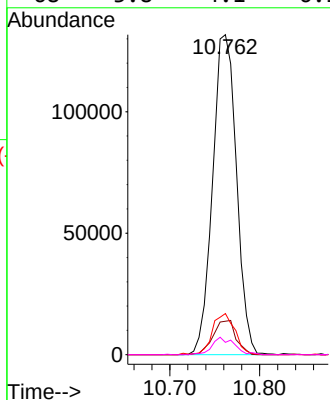
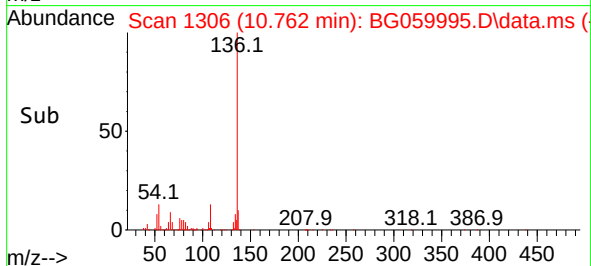
Tgt Ion:136 Resp: 243010
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 12.8 9.6 14.4
68 3.8 4.1 6.1#

Manual Integrations

APPROVED

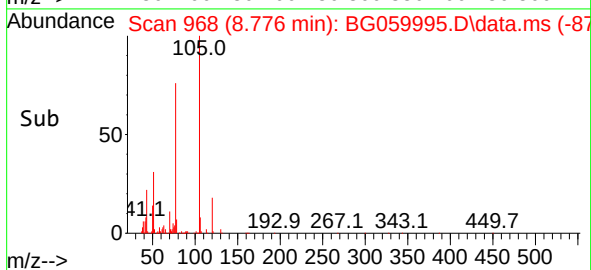
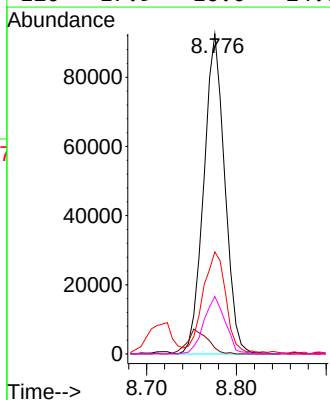
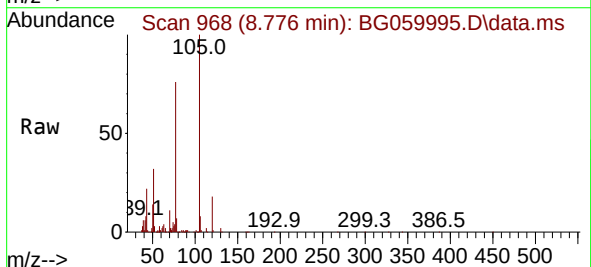
Reviewed By :Yogesh Patel 12/14/2023

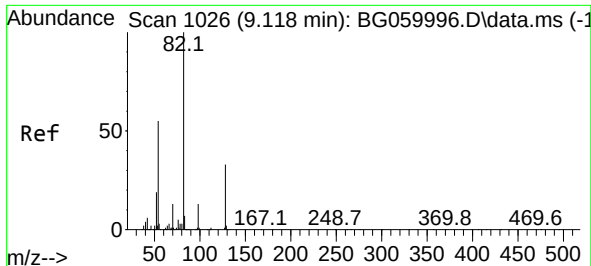
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 21.237 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:105 Resp: 150388
Ion Ratio Lower Upper
105 100
71 1.9 2.1 3.1#
51 31.9 25.4 38.0
120 17.9 16.0 24.0





#23

Nitrobenzene-d5

Concen: 39.722 ng

RT: 9.117 min Scan# 1026

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 212578

Ion Ratio Lower Upper

82 100

128 36.0 26.3 39.5

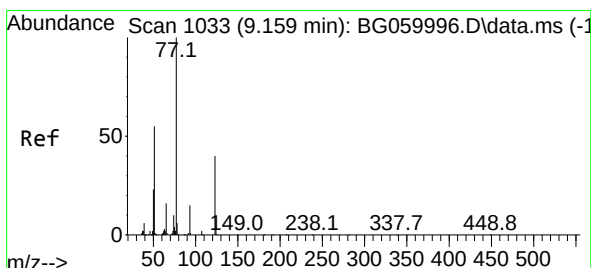
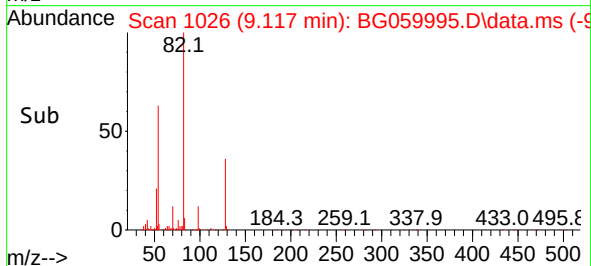
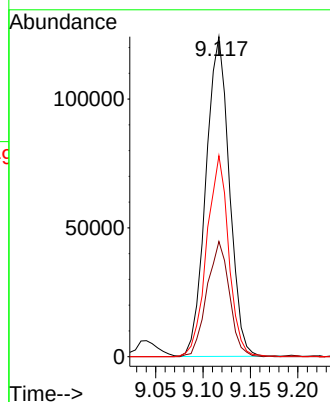
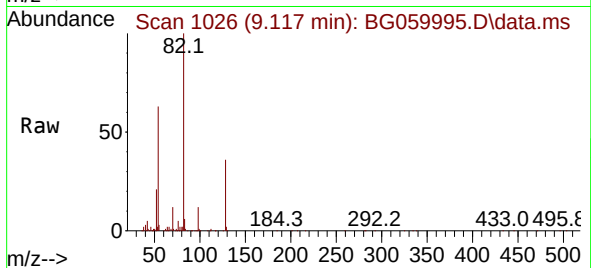
54 62.8 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 20.380 ng

RT: 9.158 min Scan# 1033

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

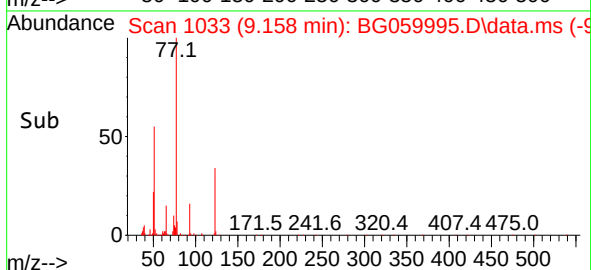
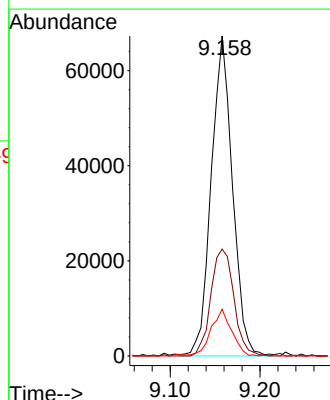
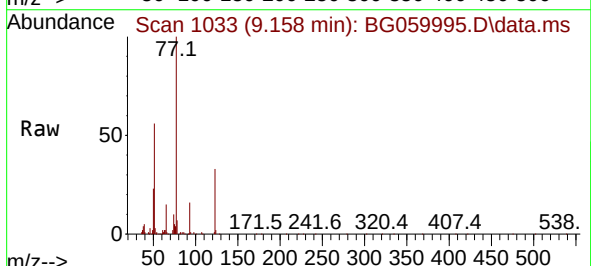
Tgt Ion: 77 Resp: 110730

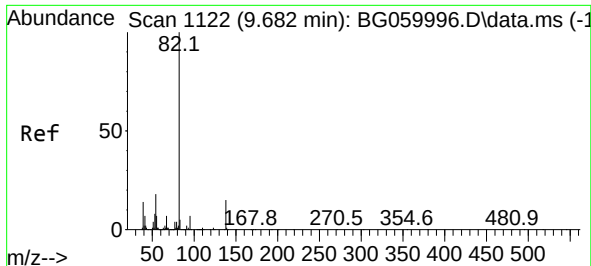
Ion Ratio Lower Upper

77 100

123 33.4 32.1 48.1

65 14.6 13.0 19.4





#25
Isophorone
Concen: 20.504 ng
RT: 9.681 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

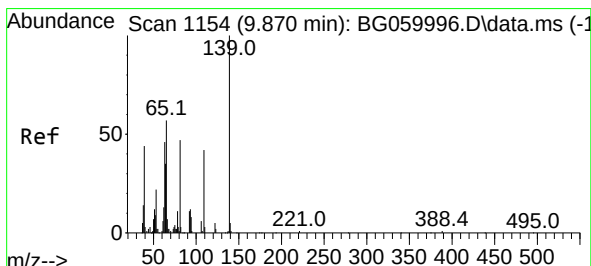
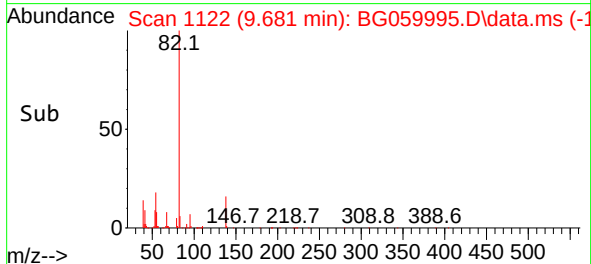
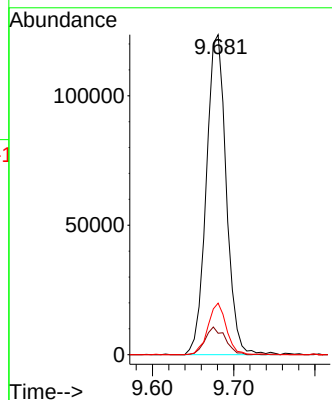
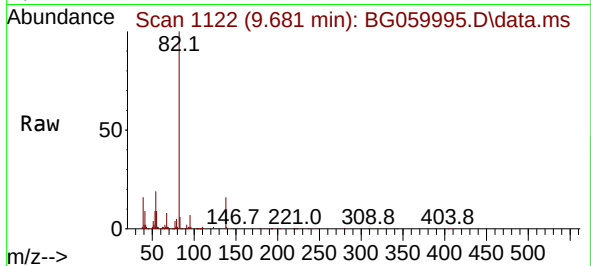
SSTDICC020

Tgt Ion: 82 Resp: 210010
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.8
138 16.1 11.6 17.4

Manual Integrations

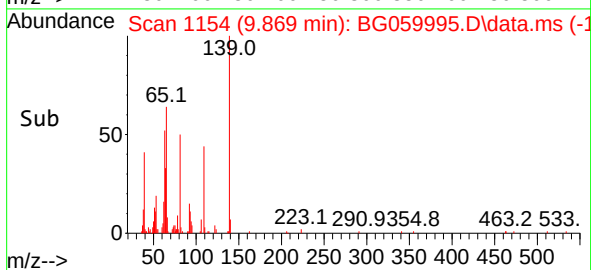
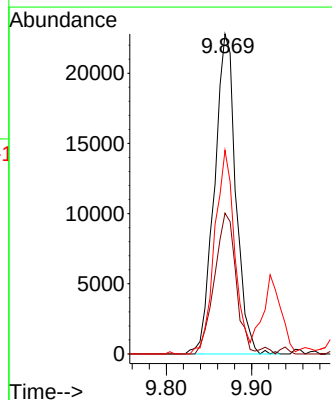
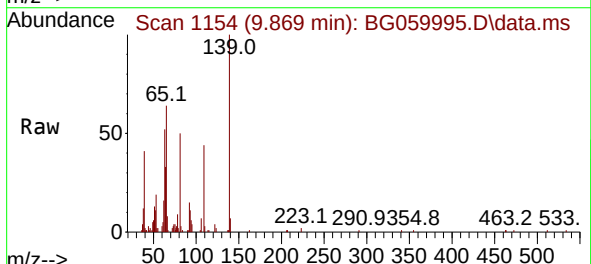
APPROVED

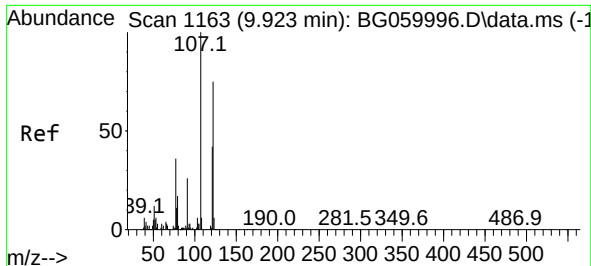
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 19.936 ng
RT: 9.869 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:139 Resp: 39835
Ion Ratio Lower Upper
139 100
109 44.0 33.8 50.6
65 63.7 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 21.519 ng

RT: 9.922 min Scan# 1163

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 58940

Ion Ratio Lower Upper

122 100

107 136.1 105.9 158.9

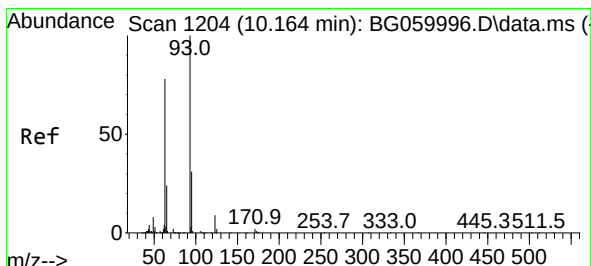
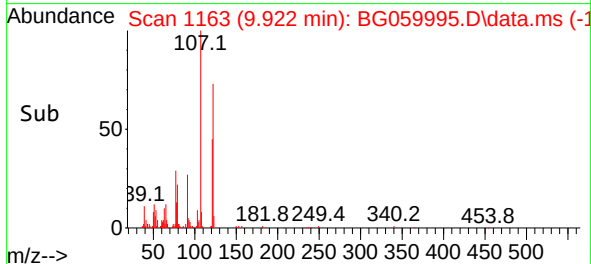
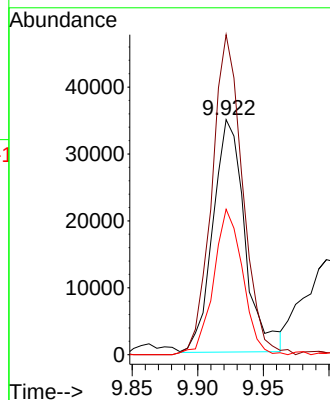
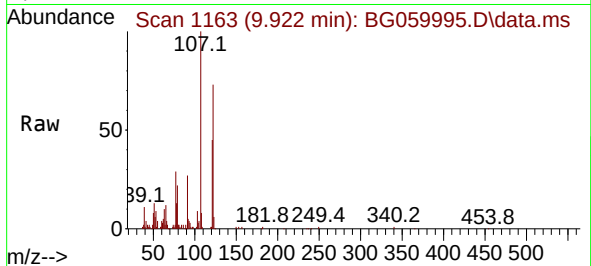
121 61.9 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 20.791 ng

RT: 10.163 min Scan# 1204

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

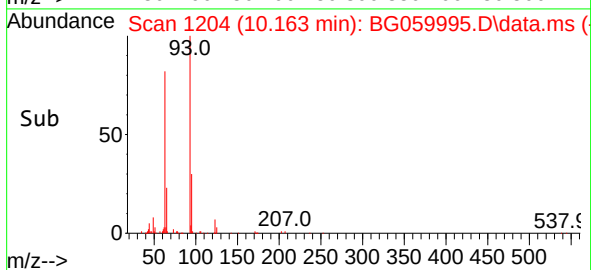
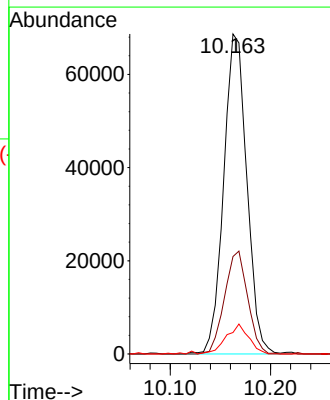
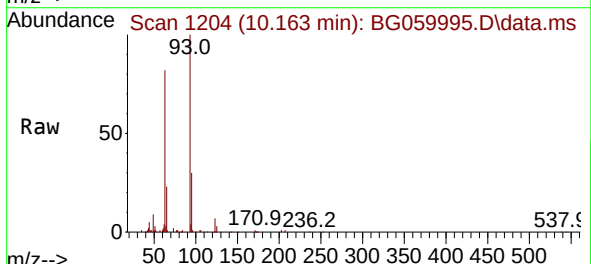
Tgt Ion: 93 Resp: 109951

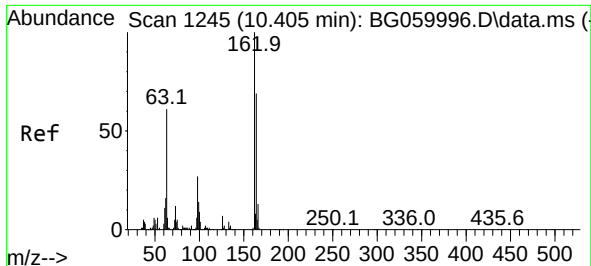
Ion Ratio Lower Upper

93 100

95 30.5 24.7 37.1

123 6.7 7.5 11.3#





#29
2,4-Dichlorophenol
Concen: 20.873 ng
RT: 10.398 min Scan# 1244
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

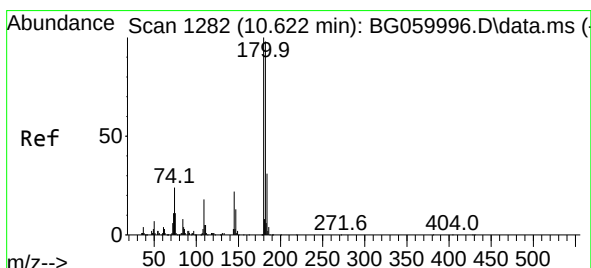
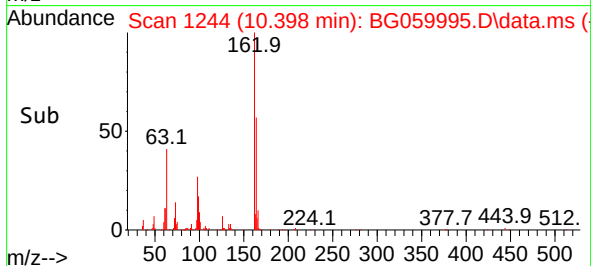
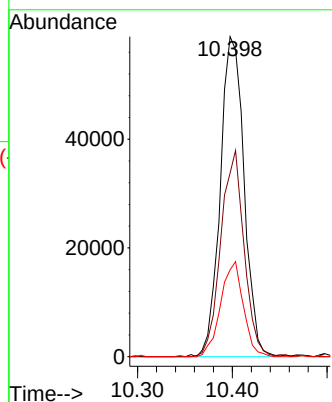
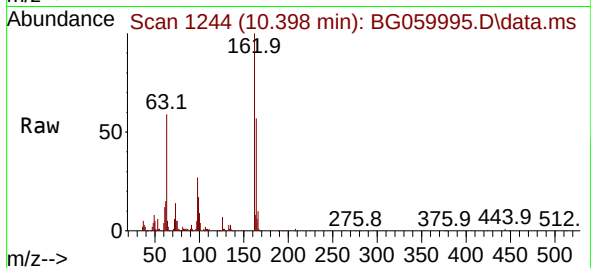
SSTDICC020

Tgt Ion:162 Resp: 102680
Ion Ratio Lower Upper
162 100
164 57.4 48.8 88.8
98 27.2 7.2 47.2

Manual Integrations

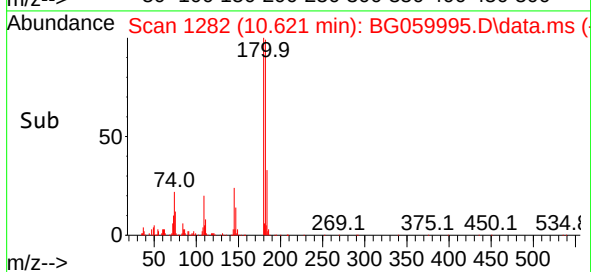
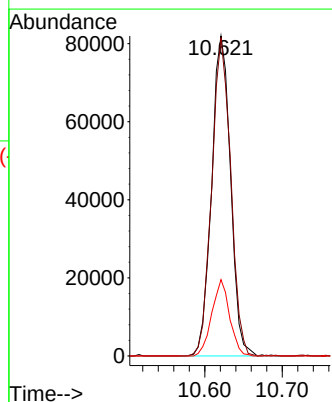
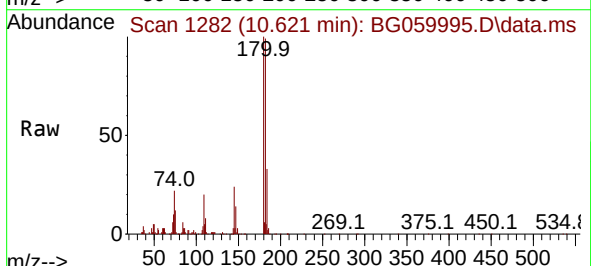
APPROVED

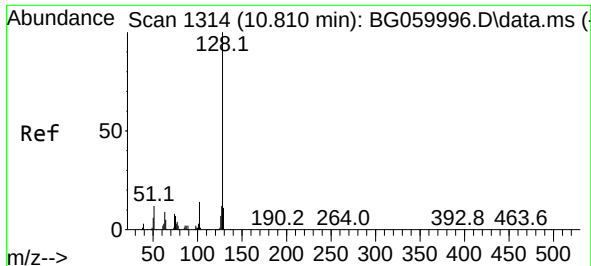
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 20.882 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:180 Resp: 139050
Ion Ratio Lower Upper
180 100
182 99.5 78.2 117.4
145 23.9 17.2 25.8





#31
Naphthalene
Concen: 20.648 ng
RT: 10.809 min Scan# 1180
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

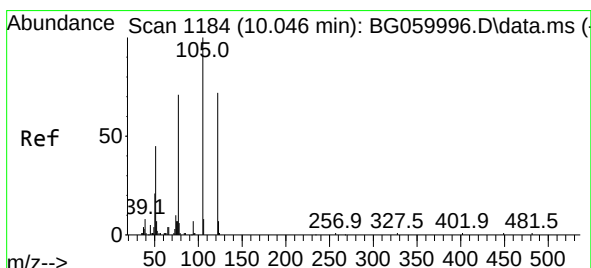
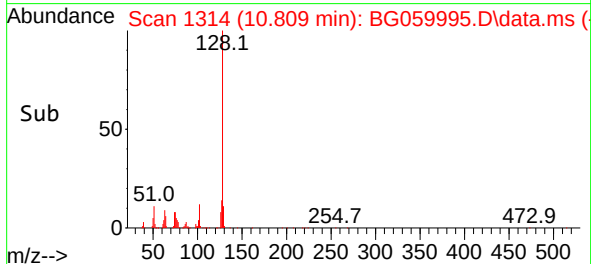
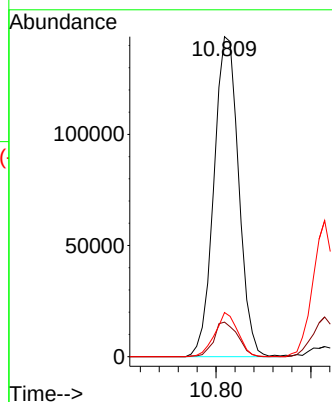
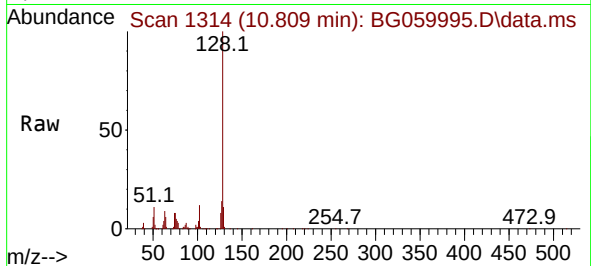
ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 26121
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.8 9.7 14.5

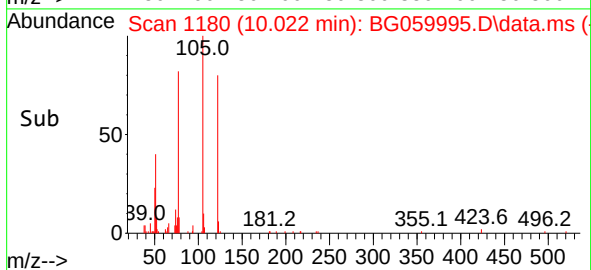
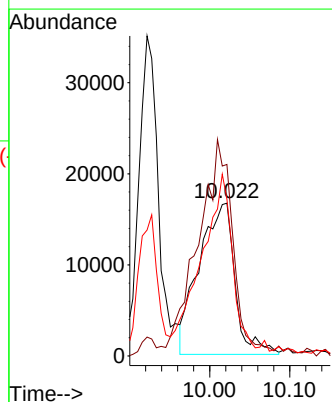
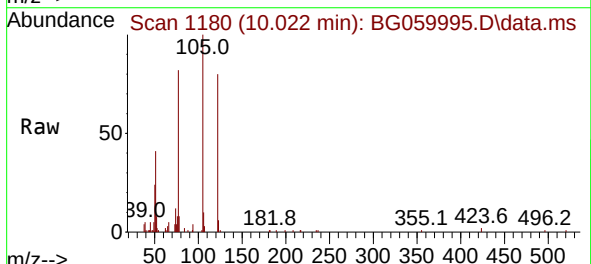
Manual Integrations
APPROVED

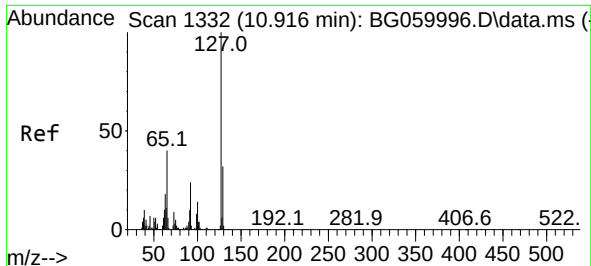
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 20.833 ng m
RT: 10.022 min Scan# 1180
Delta R.T. -0.025 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:122 Resp: 51913
Ion Ratio Lower Upper
122 100
105 125.3 106.2 146.2
77 102.6 80.4 120.4





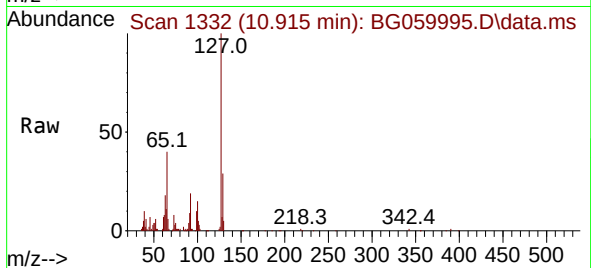
#33
4-Chloroaniline
Concen: 21.020 ng
RT: 10.915 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

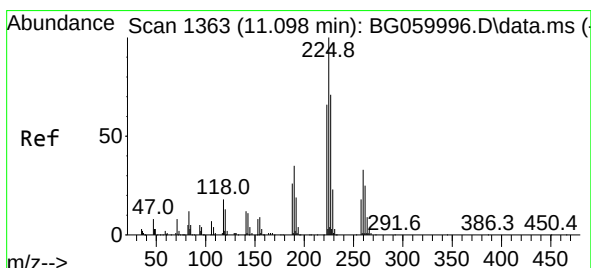
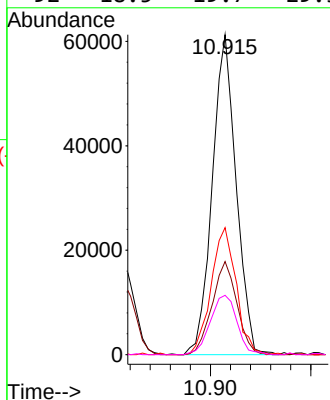
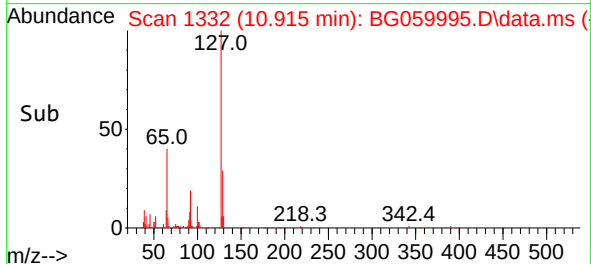


Tgt Ion:127 Resp: 10118
Ion Ratio Lower Upper
127 100
129 29.1 25.7 38.5
65 39.7 32.3 48.5
92 18.5 19.7 29.5#

Manual Integrations

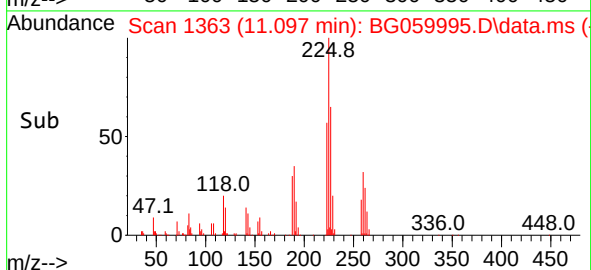
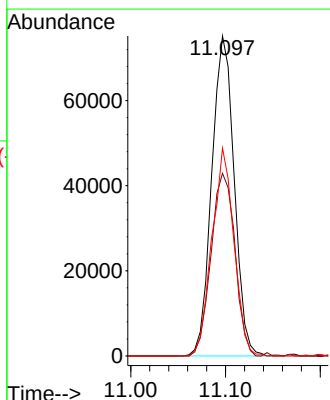
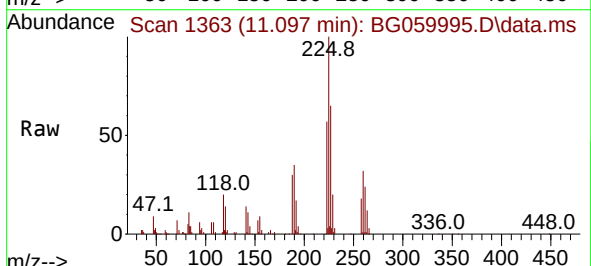
APPROVED

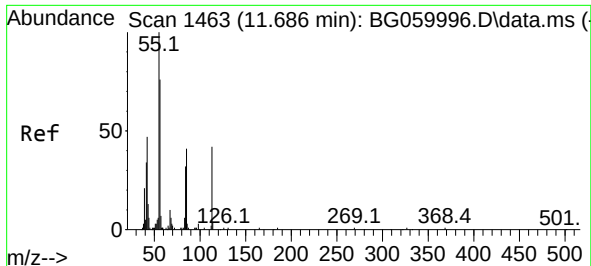
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 20.265 ng
RT: 11.097 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

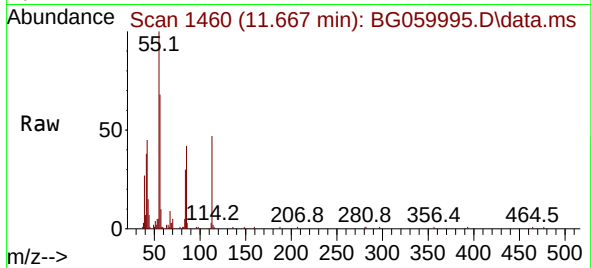
Tgt Ion:225 Resp: 123501
Ion Ratio Lower Upper
225 100
223 57.0 52.4 78.6
227 68.2 56.6 85.0





#35
Caprolactam
Concen: 20.748 ng
RT: 11.667 min Scan# 1460
Delta R.T. -0.019 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

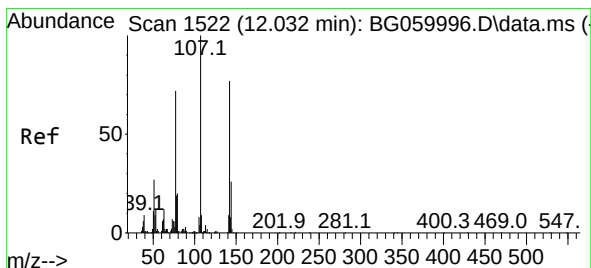
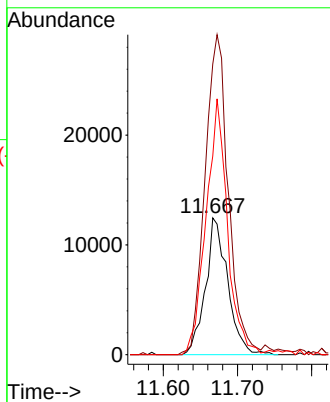
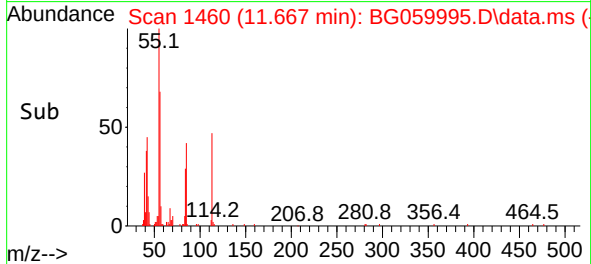
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 25928
Ion Ratio Lower Upper
113 100
55 212.4 219.5 259.5
56 145.2 161.6 201.6

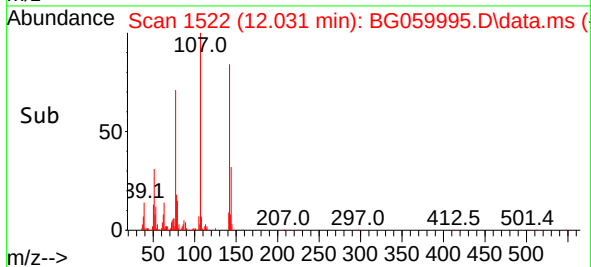
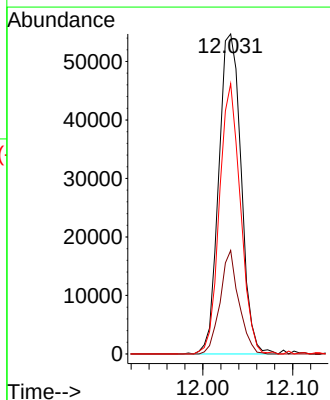
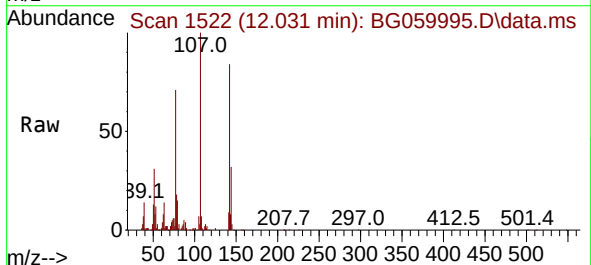
Manual Integrations
APPROVED

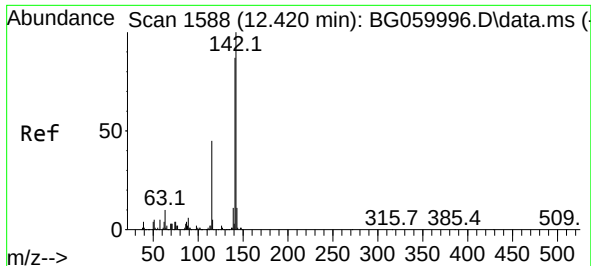
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 21.167 ng
RT: 12.031 min Scan# 1522
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:107 Resp: 94700
Ion Ratio Lower Upper
107 100
144 32.3 20.4 30.6
142 84.5 61.4 92.0





#37
2-Methylnaphthalene
Concen: 20.449 ng
RT: 12.419 min Scan# 1588
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

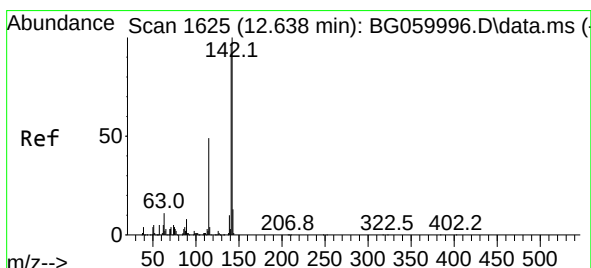
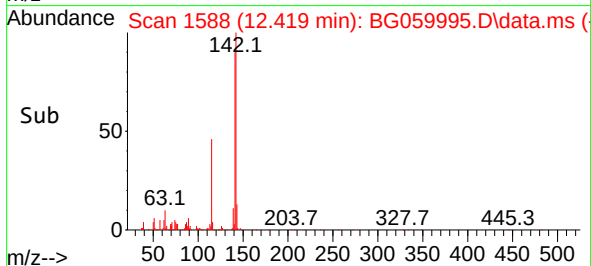
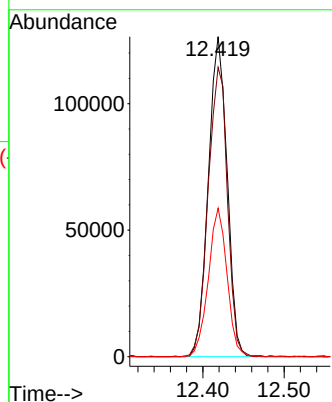
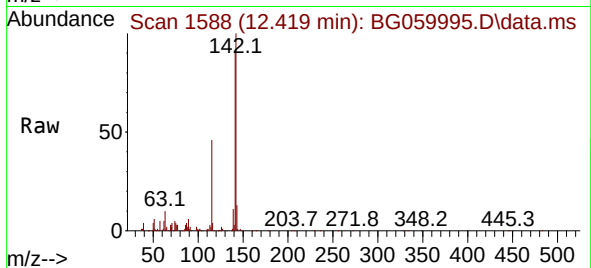
SSTDICC020

Tgt Ion:142 Resp: 202895
Ion Ratio Lower Upper
142 100
141 90.4 69.9 104.9
115 46.4 36.1 54.1

Manual Integrations

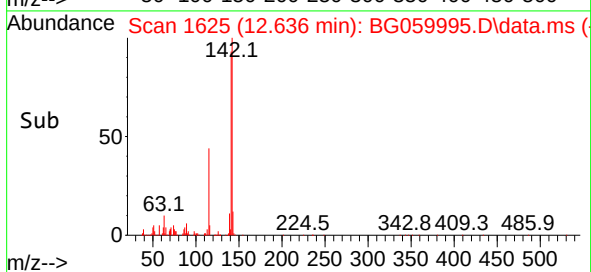
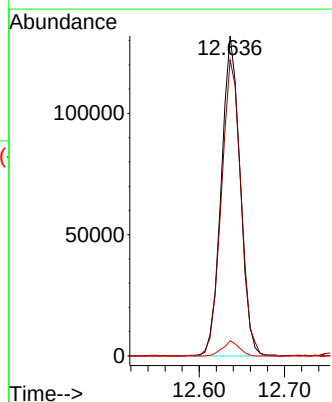
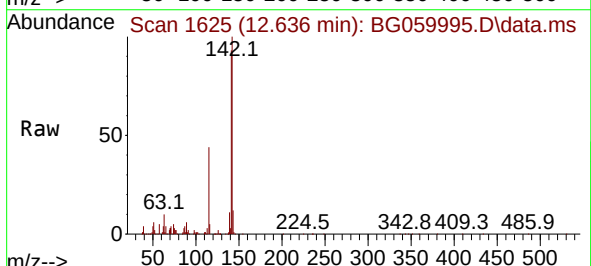
APPROVED

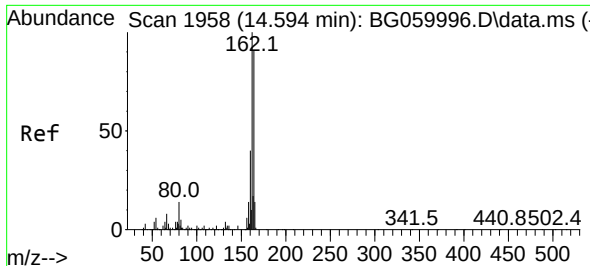
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 20.690 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:142 Resp: 202788
Ion Ratio Lower Upper
142 100
141 92.5 76.9 115.3
116 4.8 3.5 5.3





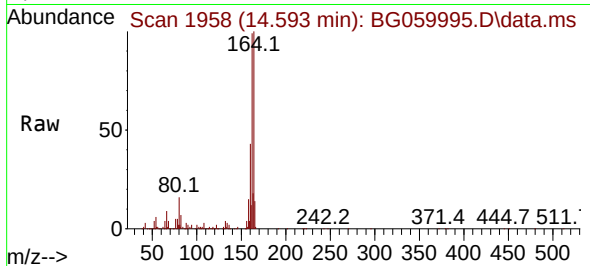
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

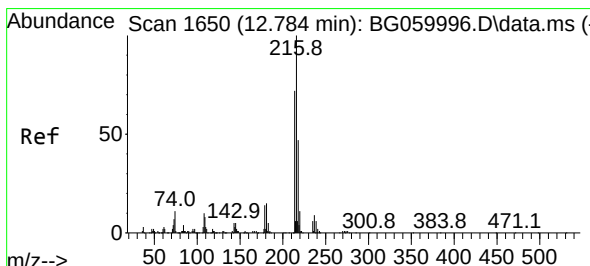
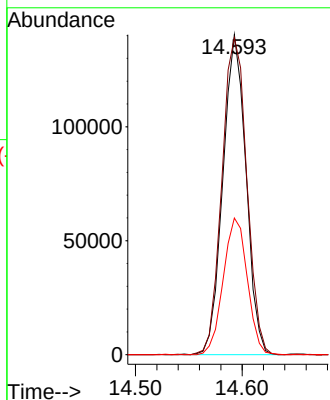
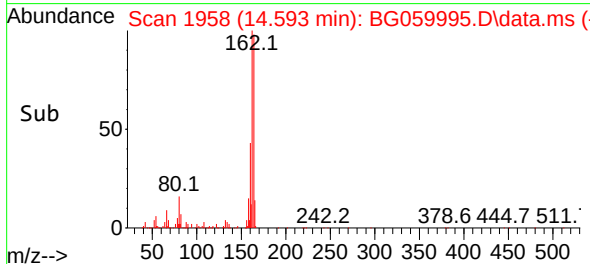


Tgt Ion:164 Resp: 21110
Ion Ratio Lower Upper
164 100
162 99.0 88.1 132.1
160 42.7 35.4 53.0

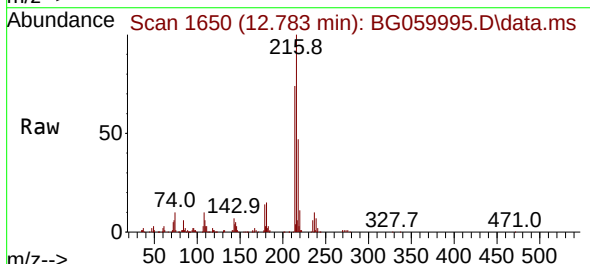
Manual Integrations

APPROVED

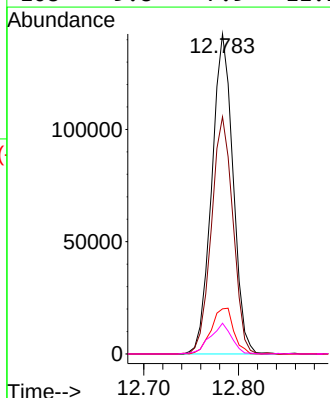
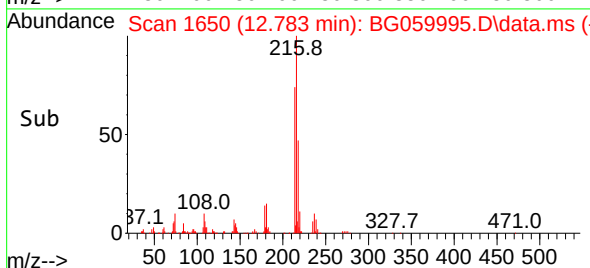
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

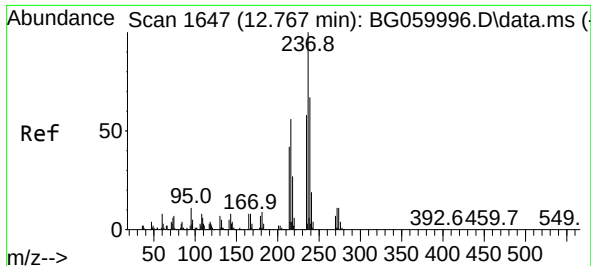


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.193 ng
RT: 12.783 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



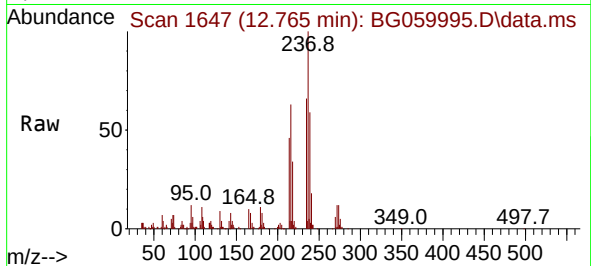
Tgt Ion:216 Resp: 222238
Ion Ratio Lower Upper
216 100
214 74.6 60.3 90.5
179 15.1 11.9 17.9
108 9.8 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 19.331 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

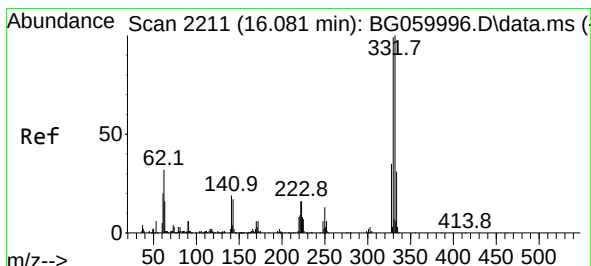
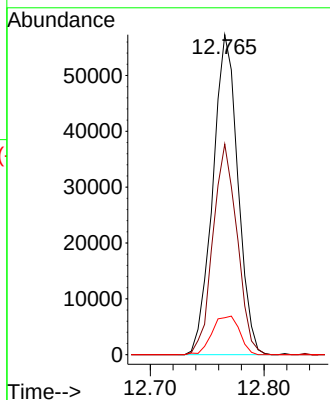
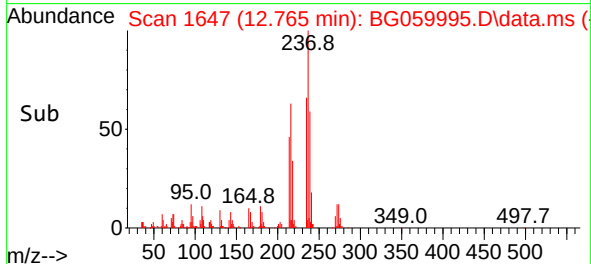
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 8790
Ion Ratio Lower Upper
237 100
235 65.8 38.5 78.5
272 11.6 0.0 31.2

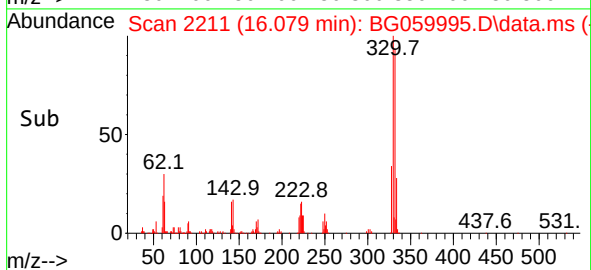
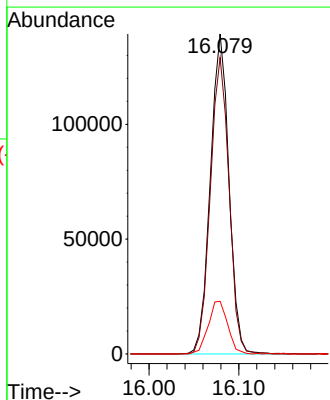
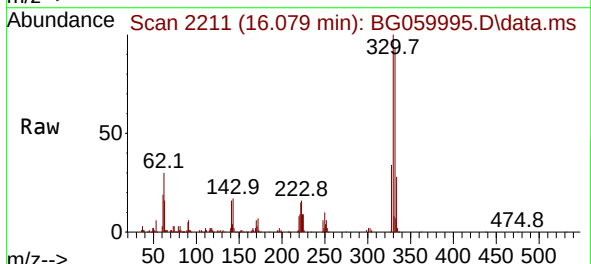
Manual Integrations
APPROVED

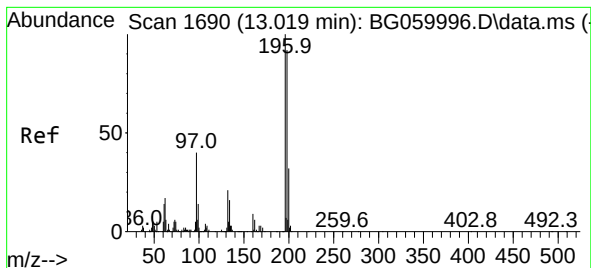
Reviewed By : Yogesh Patel 12/14/2023
Supervised By : mohammad ahmed 12/14/2023



#42
2,4,6-Tribromophenol
Concen: 40.642 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion: 330 Resp: 199947
Ion Ratio Lower Upper
330 100
332 93.2 76.2 114.4
141 17.3 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 20.178 ng
RT: 13.018 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNL_G

ClientSampleId :

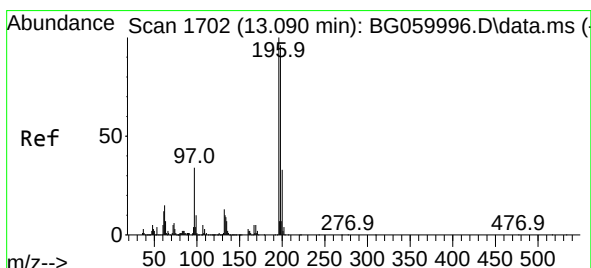
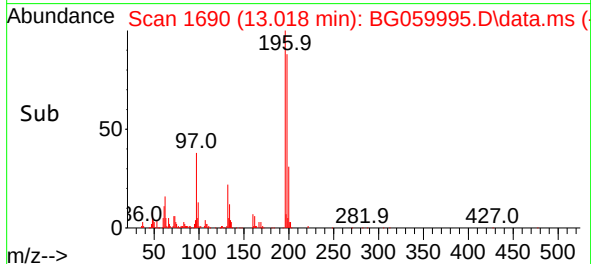
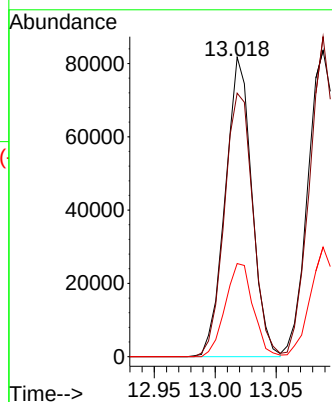
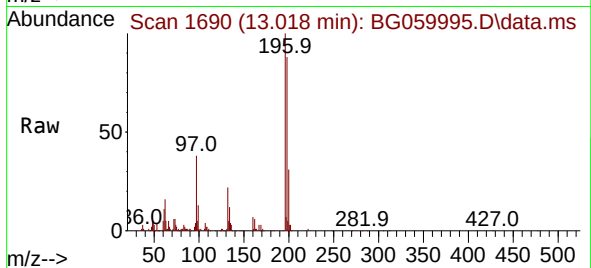
SSTDICC020

Tgt Ion:196 Resp: 124514
Ion Ratio Lower Upper
196 100
198 88.0 73.4 110.0
200 31.1 26.1 39.1

Manual Integrations

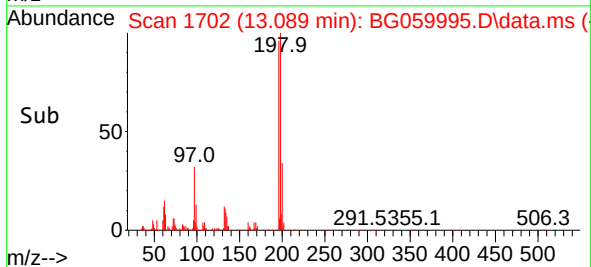
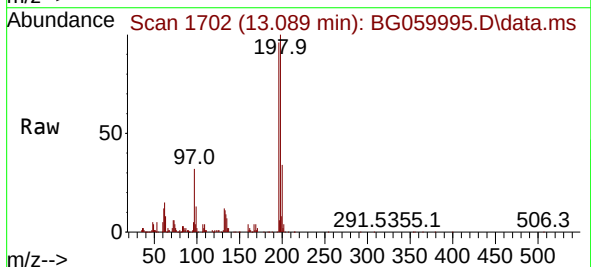
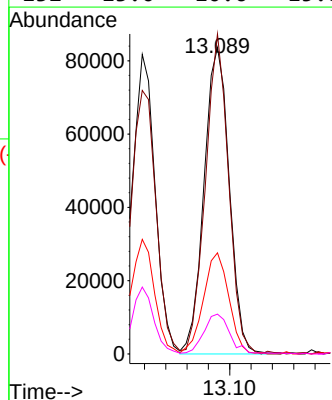
APPROVED

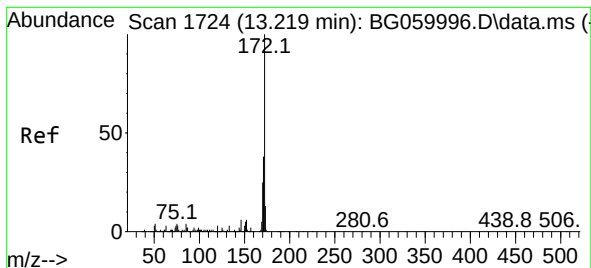
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#44
2,4,5-Trichlorophenol
Concen: 20.516 ng
RT: 13.089 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:196 Resp: 137705
Ion Ratio Lower Upper
196 100
198 104.4 76.4 114.6
97 33.0 27.0 40.4
132 13.0 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 40.658 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

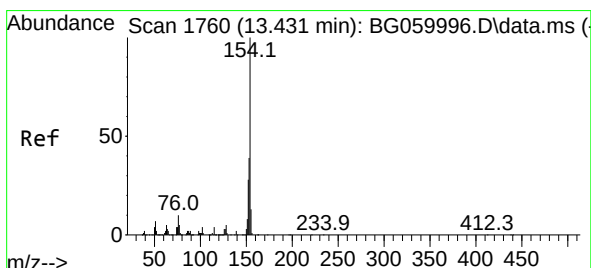
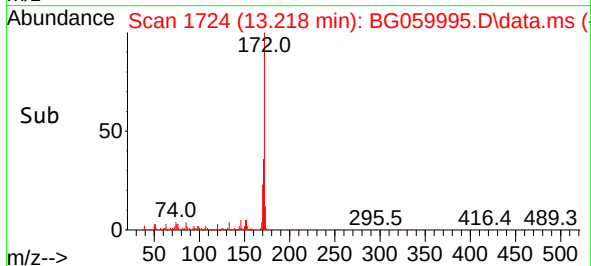
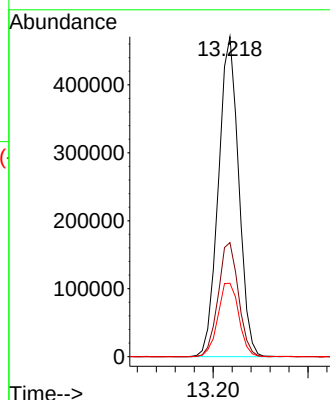
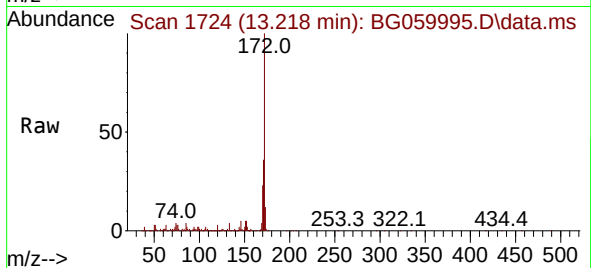
SSTDICC020

Tgt Ion:172 Resp: 70129
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 22.9 20.0 30.0

Manual Integrations

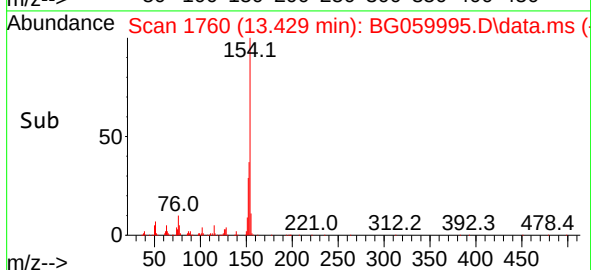
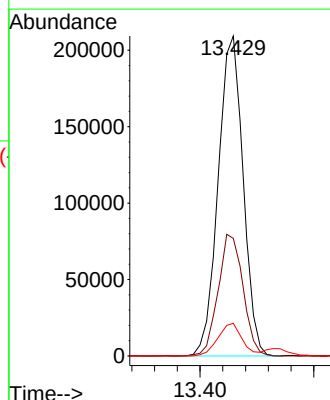
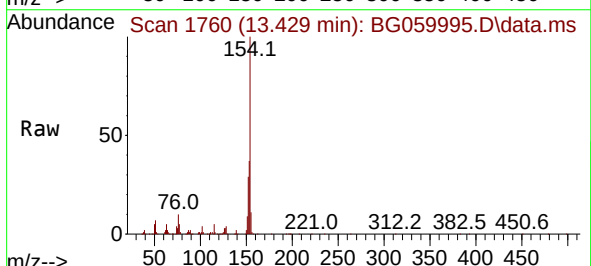
APPROVED

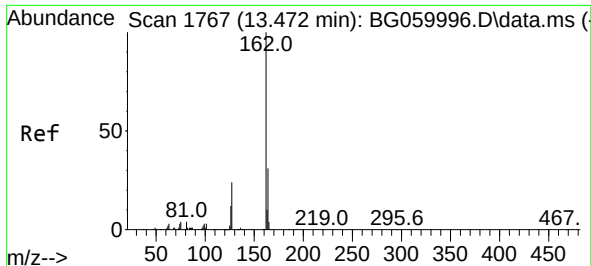
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 20.345 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:154 Resp: 318520
Ion Ratio Lower Upper
154 100
153 36.7 19.2 59.2
76 10.2 0.0 29.9





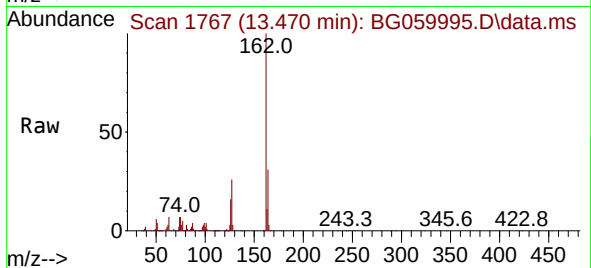
#47
2-Chloronaphthalene
Concen: 20.176 ng
RT: 13.470 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



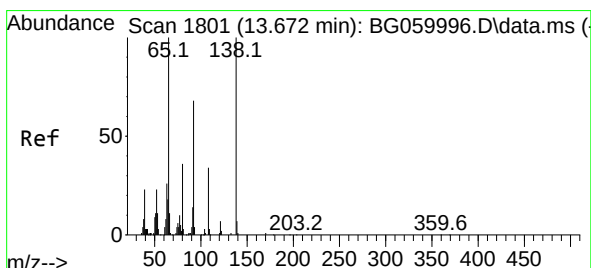
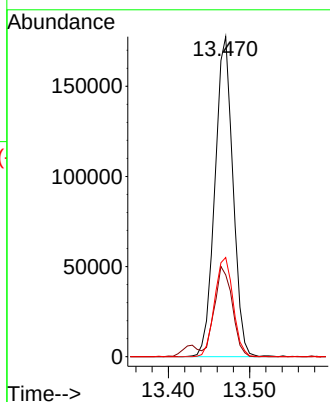
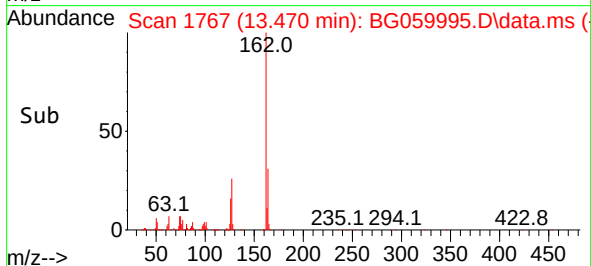
Tgt Ion:162 Resp: 273562
Ion Ratio Lower Upper
162 100
127 25.5 21.8 32.6
164 31.0 25.2 37.8

Manual Integrations

APPROVED

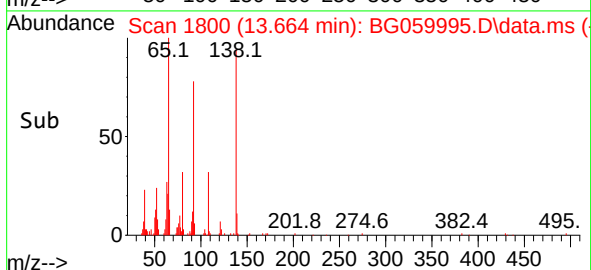
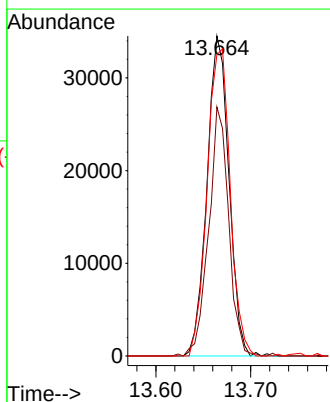
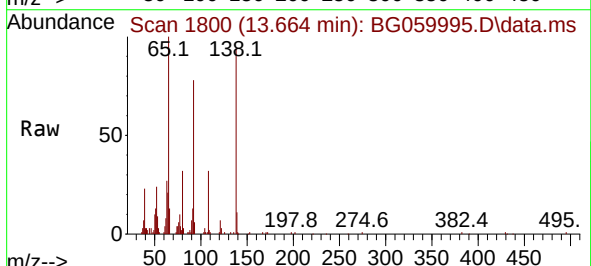
Reviewed By :Yogesh Patel 12/14/2023

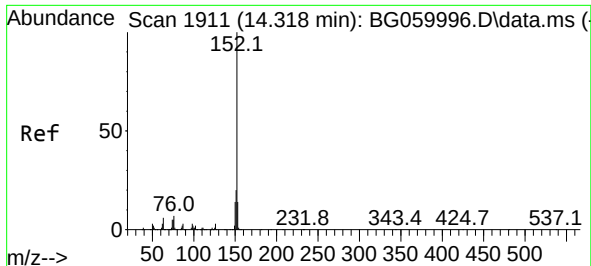
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 18.987 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

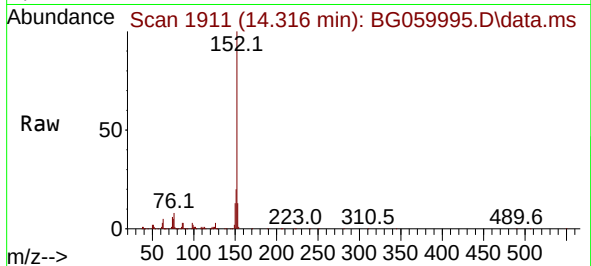
Tgt Ion: 65 Resp: 55572
Ion Ratio Lower Upper
65 100
92 77.8 54.6 81.8
138 94.2 80.2 120.2





#49
Acenaphthylene
Concen: 20.172 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

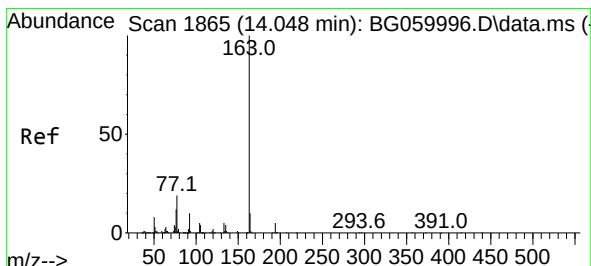
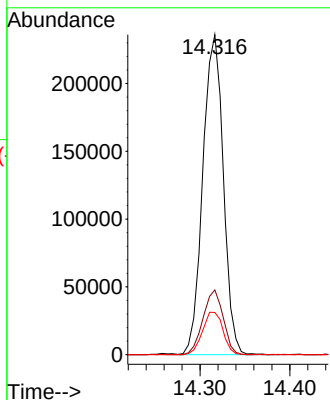
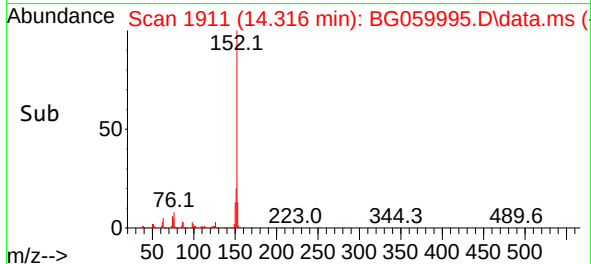
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



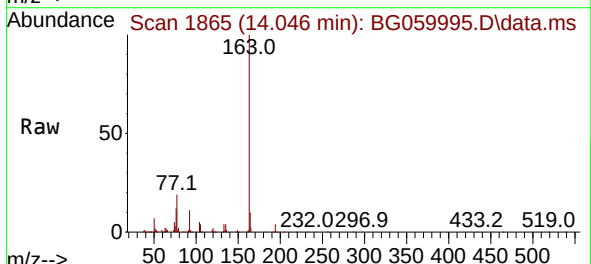
Tgt Ion:152 Resp: 374130
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.2 11.0 16.4

Manual Integrations
APPROVED

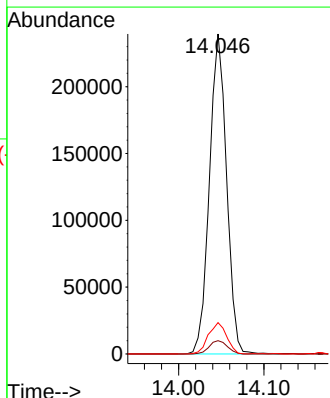
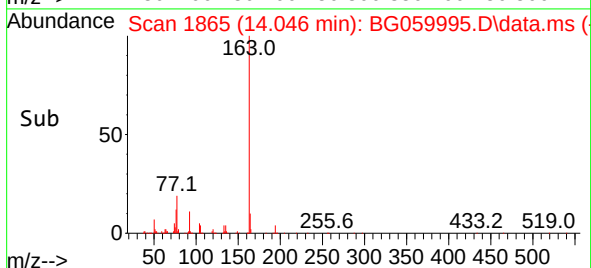
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

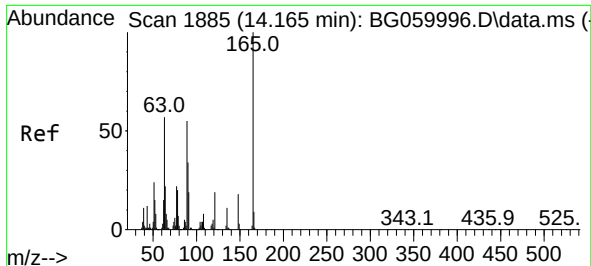


#50
Dimethylphthalate
Concen: 20.417 ng
RT: 14.046 min Scan# 1865
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



Tgt Ion:163 Resp: 334557
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 9.8 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 19.826 ng
RT: 14.164 min Scan# 1885
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

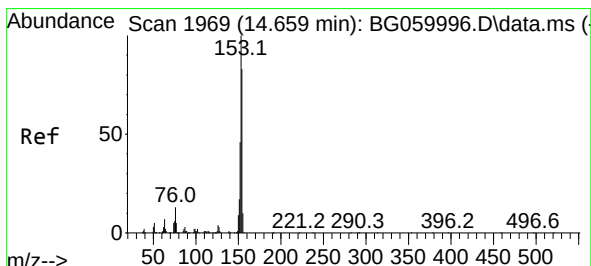
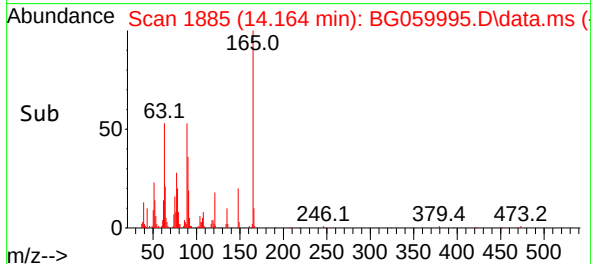
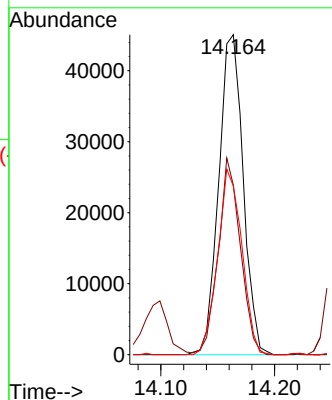
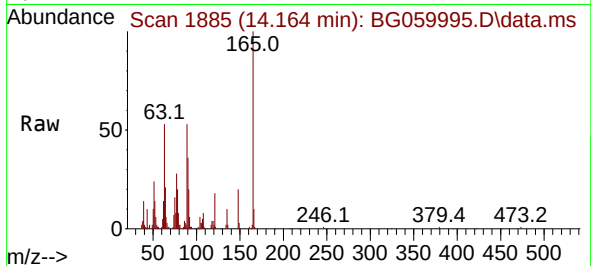
SSTDICC020

Tgt Ion:165 Resp: 67298
Ion Ratio Lower Upper
165 100
63 53.0 48.2 72.2
89 52.7 44.4 66.6

Manual Integrations

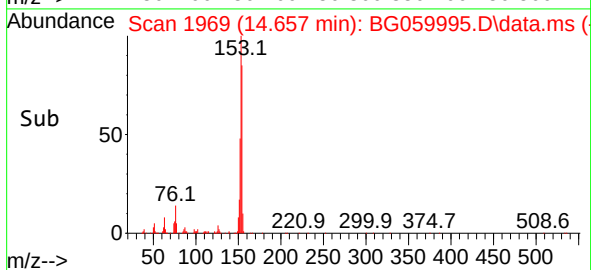
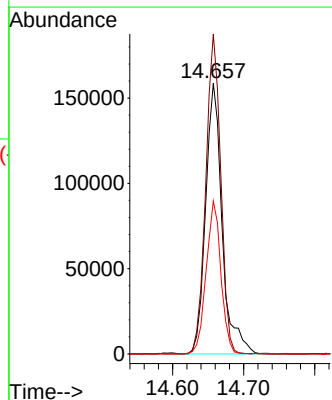
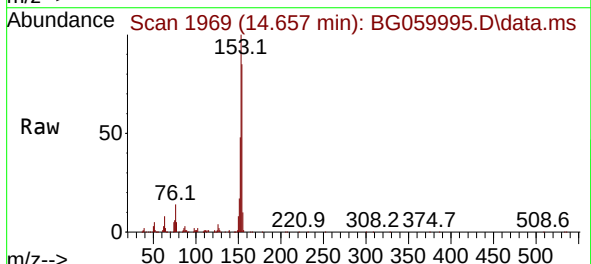
APPROVED

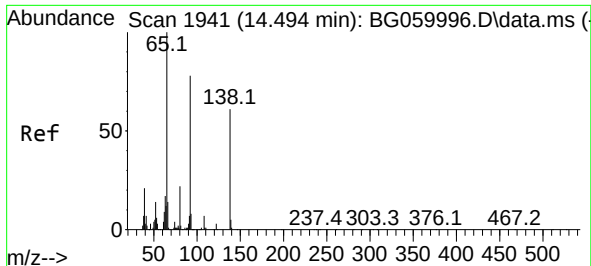
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 20.113 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:154 Resp: 256789
Ion Ratio Lower Upper
154 100
153 118.1 96.0 144.0
152 56.5 44.3 66.5





#53
3-Nitroaniline
Concen: 19.323 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

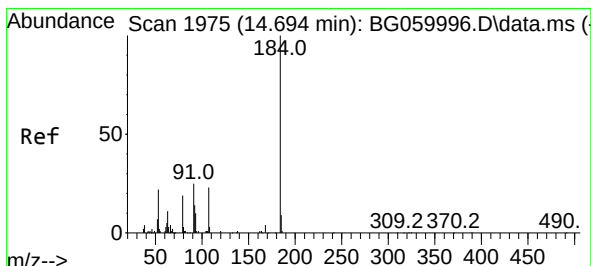
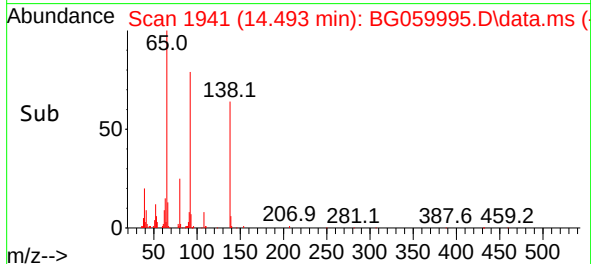
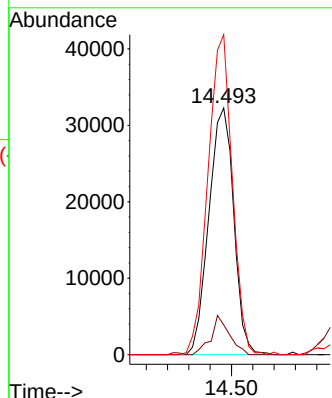
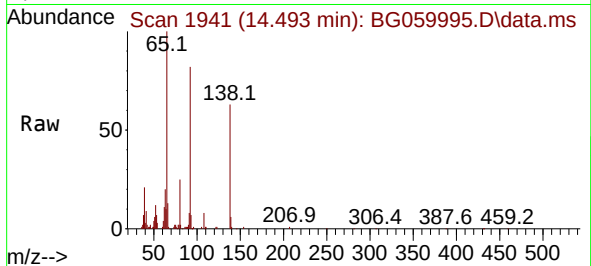
SSTDICC020

Tgt Ion:138 Resp: 5241
Ion Ratio Lower Upper
138 100
108 12.0 8.9 13.3
92 129.7 102.1 153.1

Manual Integrations

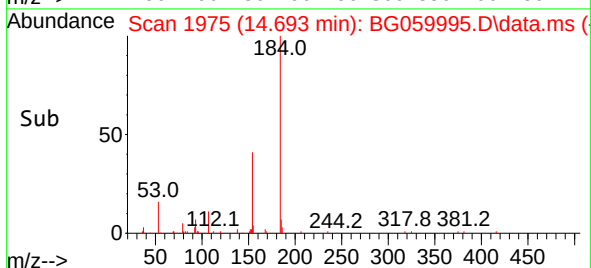
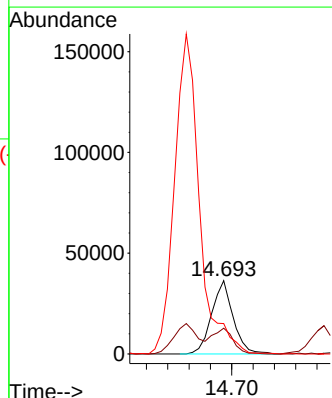
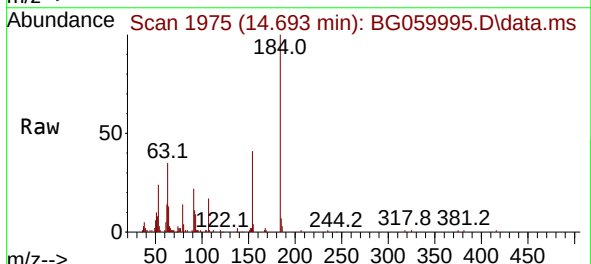
APPROVED

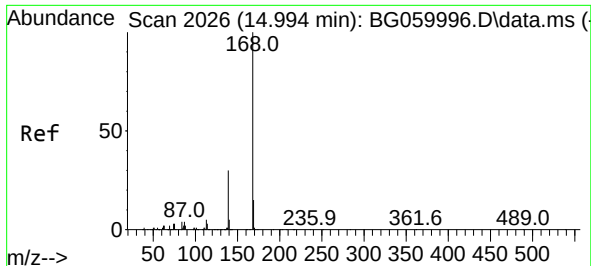
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 20.336 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:184 Resp: 50859
Ion Ratio Lower Upper
184 100
63 35.1 35.5 53.3#
154 41.4 36.7 55.1





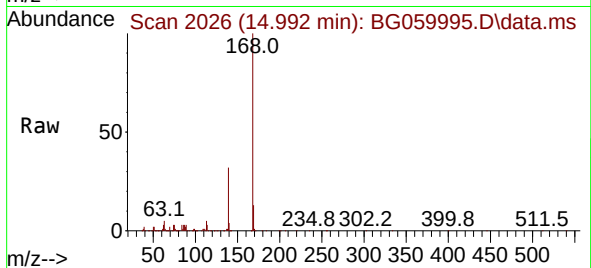
#55
Dibenzenofuran
Concen: 20.732 ng
RT: 14.992 min Scan# 2026
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



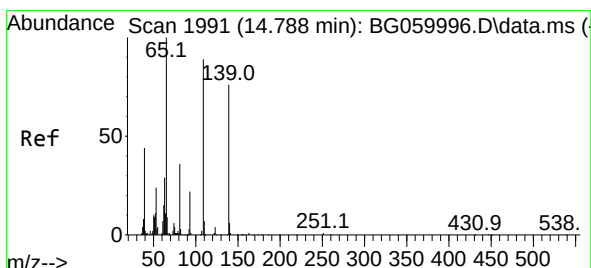
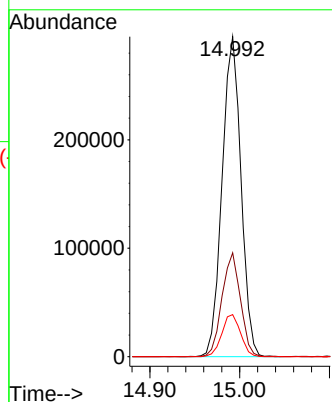
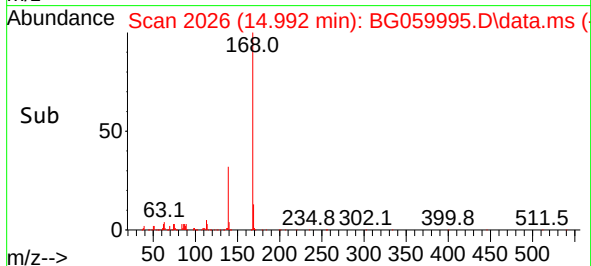
Tgt Ion:168 Resp: 43080
Ion Ratio Lower Upper
168 100
139 32.5 24.0 36.0
169 13.2 11.8 17.8

Manual Integrations

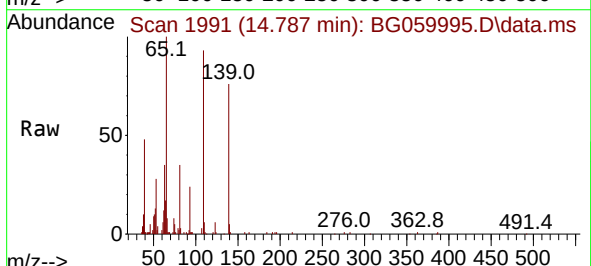
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

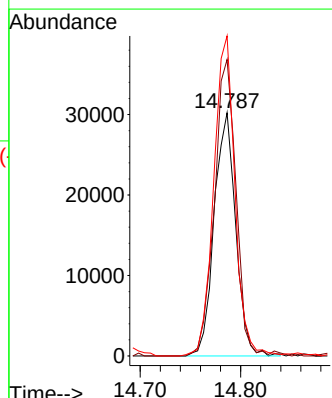
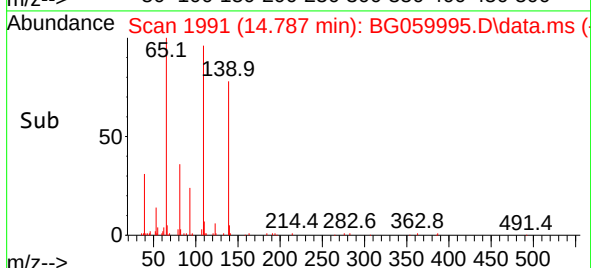
Supervised By :mohammad ahmed 12/14/2023

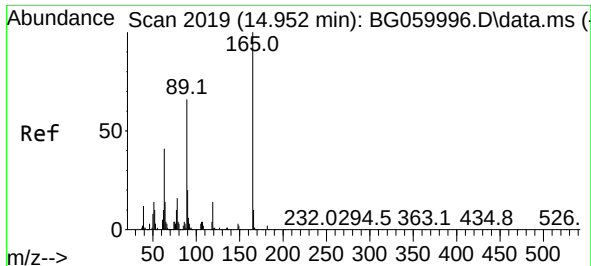


#56
4-Nitrophenol
Concen: 19.785 ng
RT: 14.787 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01



Tgt Ion:139 Resp: 45103
Ion Ratio Lower Upper
139 100
109 121.9 97.2 137.2
65 131.6 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 20.217 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

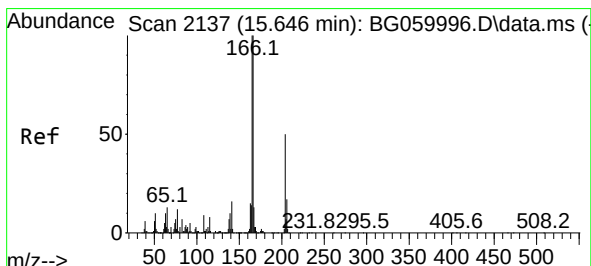
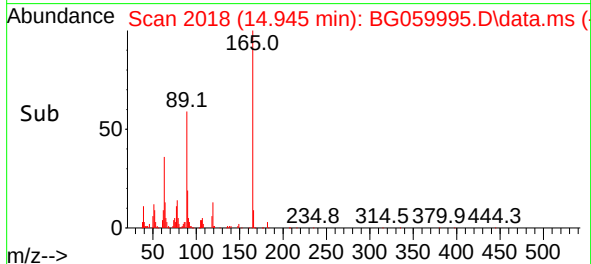
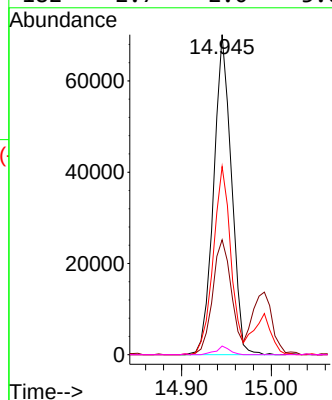
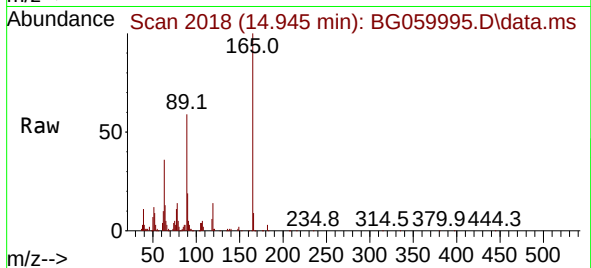
SSTDICC020

Tgt Ion:165 Resp: 96468
Ion Ratio Lower Upper
165 100
63 35.9 32.8 49.2
89 58.8 53.0 79.6
182 2.7 2.0 3.0

Manual Integrations

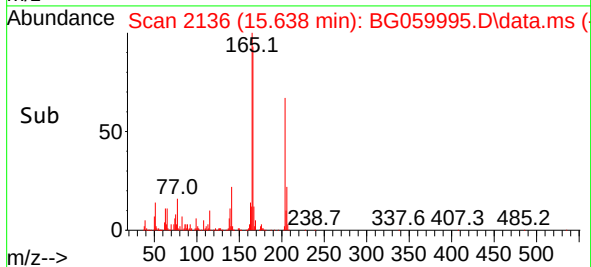
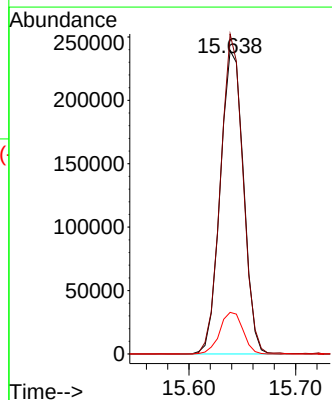
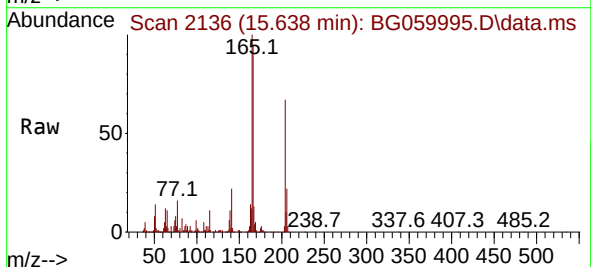
APPROVED

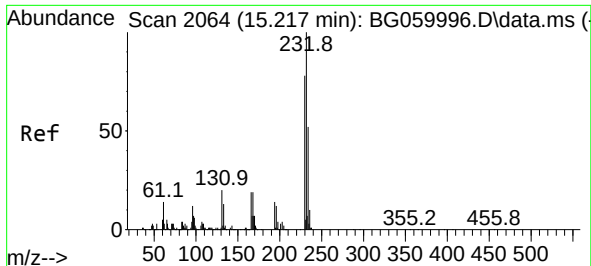
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 20.639 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:166 Resp: 361635
Ion Ratio Lower Upper
166 100
165 105.5 80.2 120.2
167 13.7 10.3 15.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.312 ng

RT: 15.210 min Scan# 2064

Delta R.T. -0.007 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 141910

Ion Ratio Lower Upper

232 100

131 21.2 17.6 26.4

130 1.2 1.0 1.6

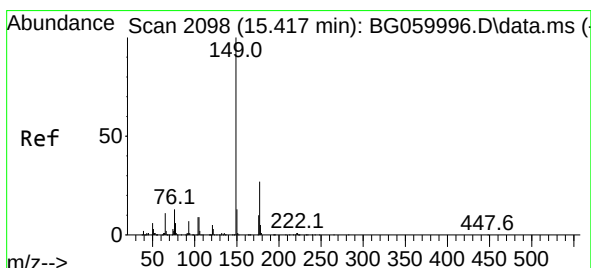
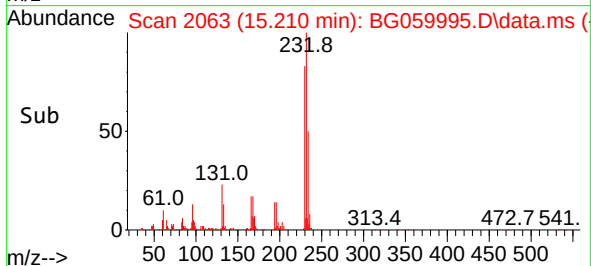
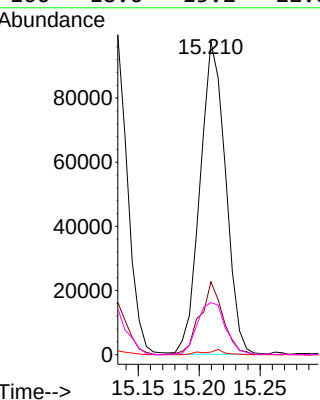
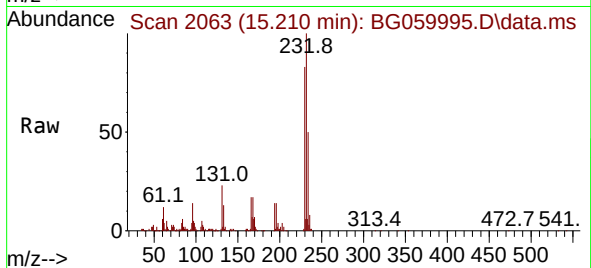
166 18.6 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#60

Diethylphthalate

Concen: 20.289 ng

RT: 15.415 min Scan# 2098

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

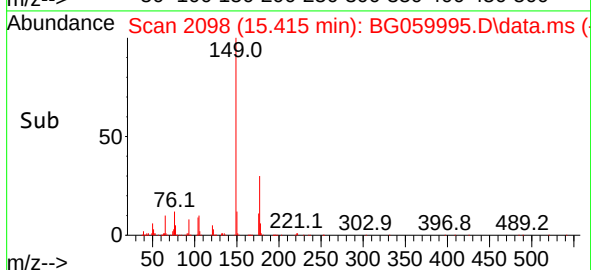
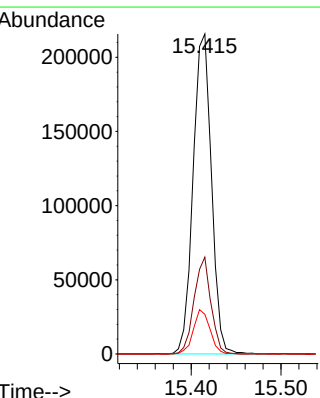
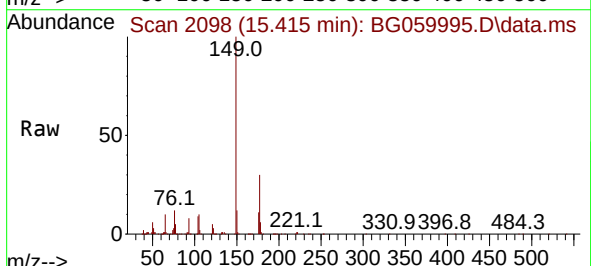
Tgt Ion:149 Resp: 305896

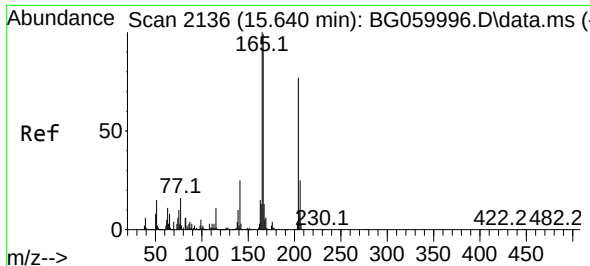
Ion Ratio Lower Upper

149 100

177 30.3 21.5 32.3

150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.979 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

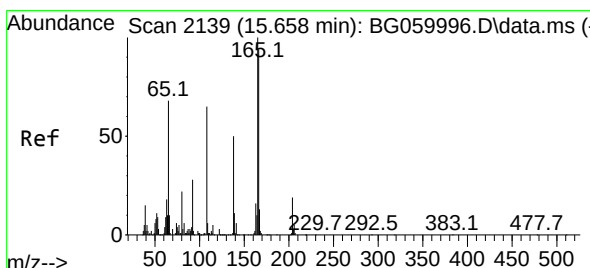
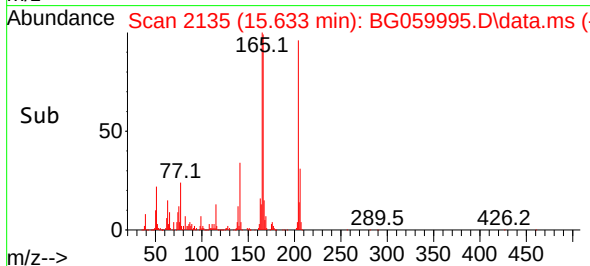
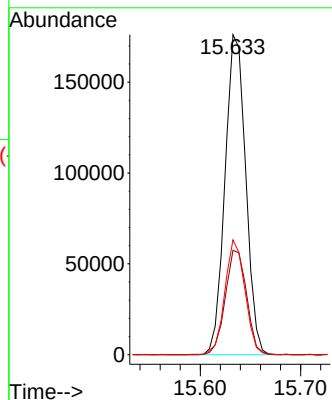
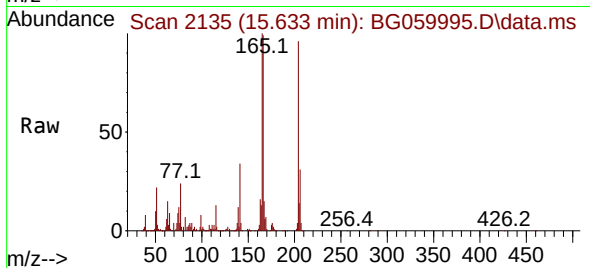
SSTDICC020

Tgt Ion:204 Resp: 252130
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 35.9 25.6 38.4

Manual Integrations

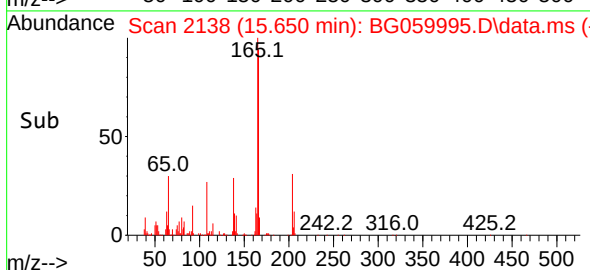
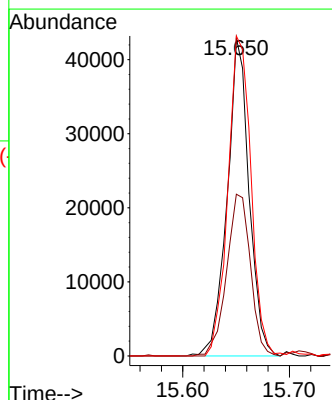
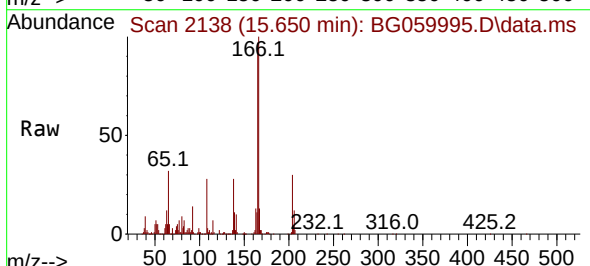
APPROVED

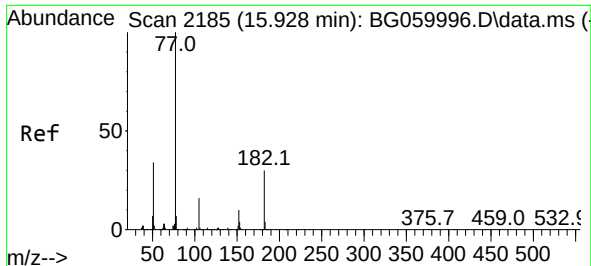
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 20.767 ng
RT: 15.650 min Scan# 2138
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:138 Resp: 61338
Ion Ratio Lower Upper
138 100
92 50.8 36.3 76.3
108 100.6 109.3 149.3#





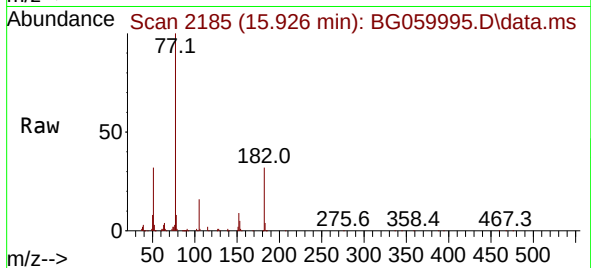
#63
Azobenzene
Concen: 20.645 ng
RT: 15.926 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

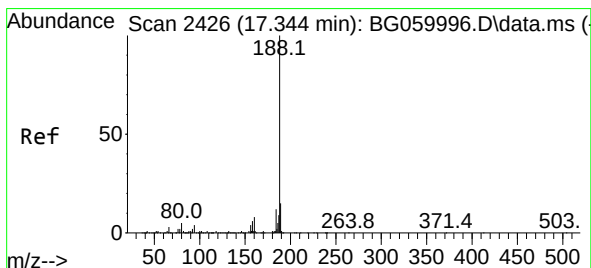
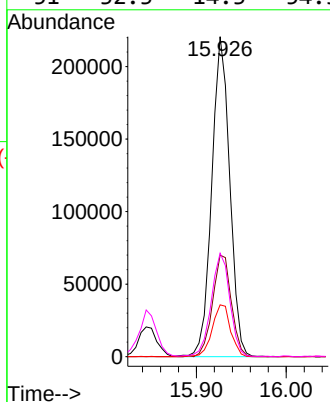
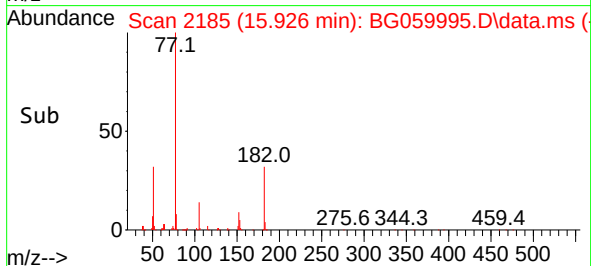


Tgt Ion: 77 Resp: 306894
Ion Ratio Lower Upper
77 100
182 31.7 10.2 50.2
105 16.2 0.0 36.5
51 32.3 14.3 54.3

Manual Integrations

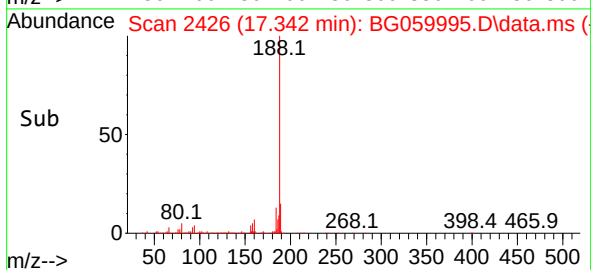
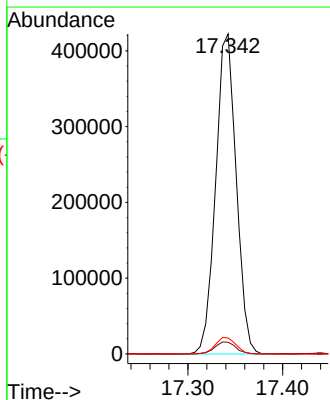
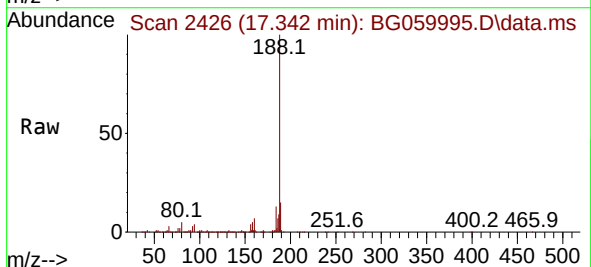
APPROVED

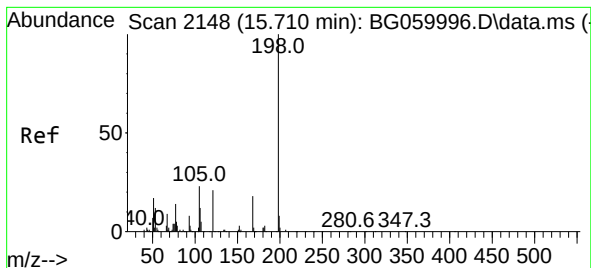
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:188 Resp: 636429
Ion Ratio Lower Upper
188 100
94 3.6 3.0 4.6
80 5.0 4.0 6.0





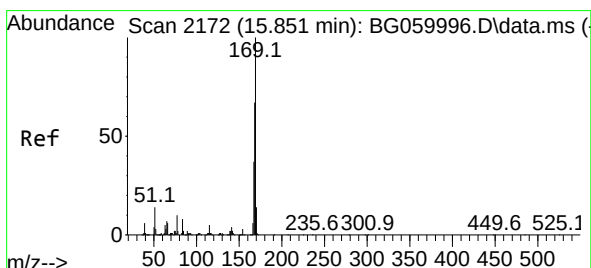
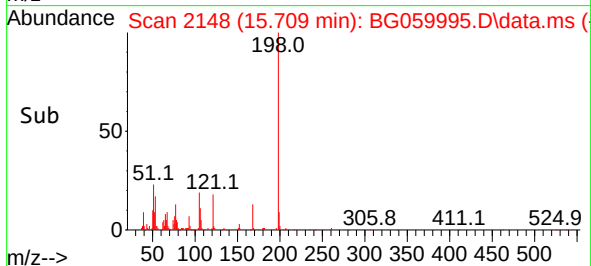
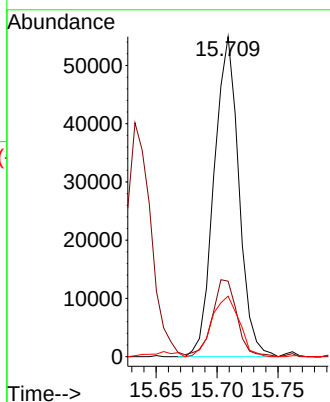
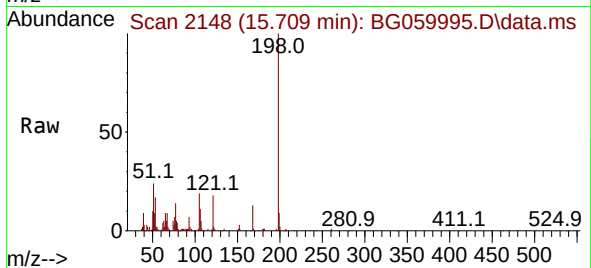
#65
4,6-Dinitro-2-methylphenol
Concen: 19.478 ng
RT: 15.709 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 77724
Ion Ratio Lower Upper
198 100
51 23.6 0.0 39.7
105 18.9 3.3 43.3

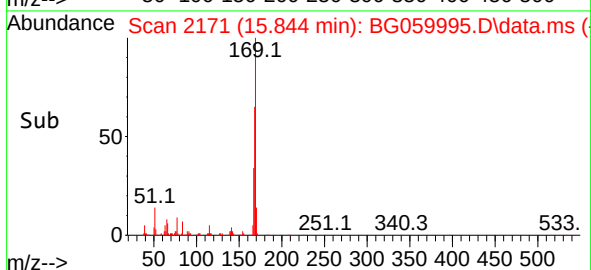
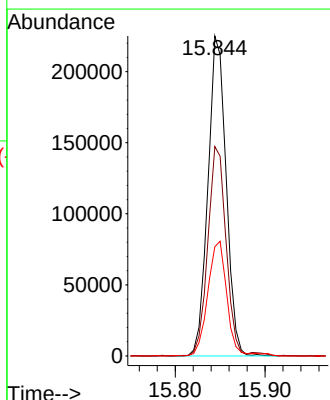
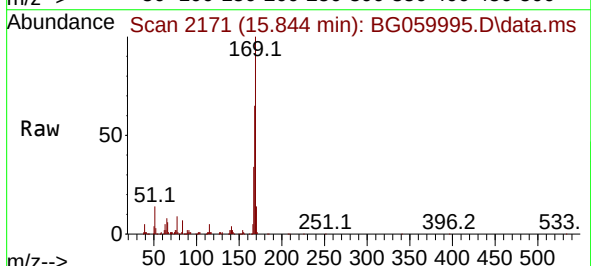
Manual Integrations
APPROVED

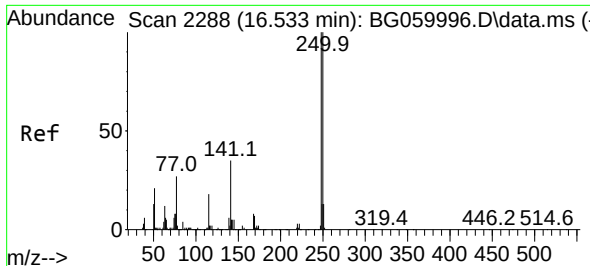
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 20.358 ng
RT: 15.844 min Scan# 2171
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:169 Resp: 316523
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 34.2 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 20.030 ng
RT: 16.532 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

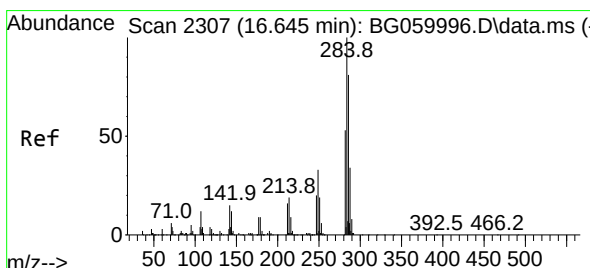
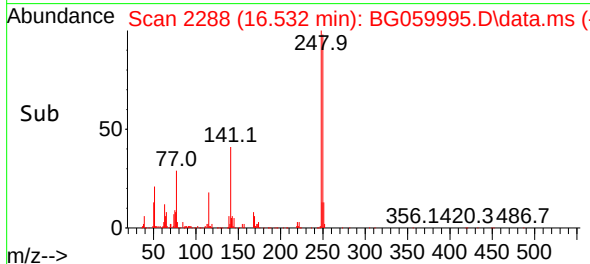
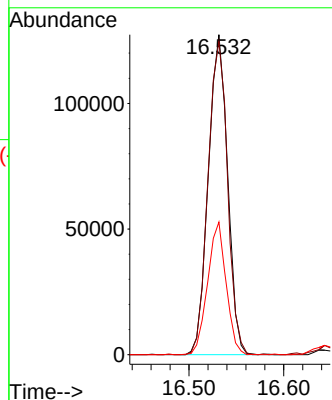
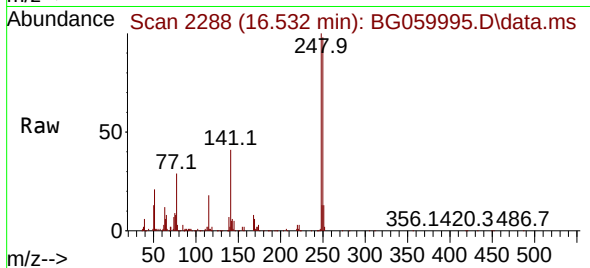
SSTDICC020

Tgt Ion:248 Resp: 17985
Ion Ratio Lower Upper
248 100
250 97.9 79.9 119.9
141 41.5 28.3 42.5

Manual Integrations

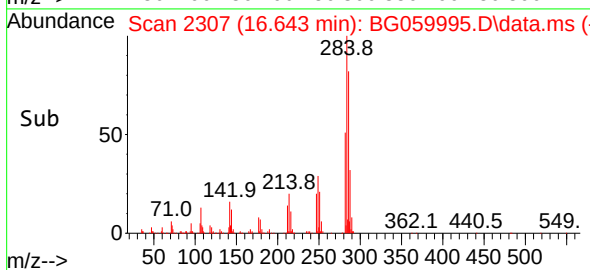
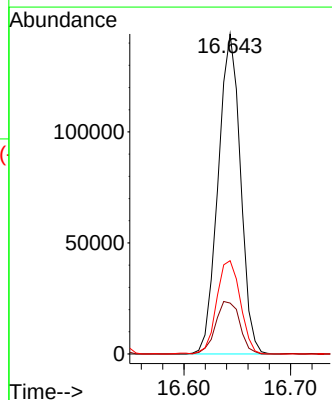
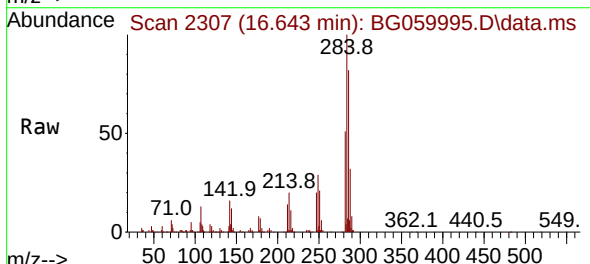
APPROVED

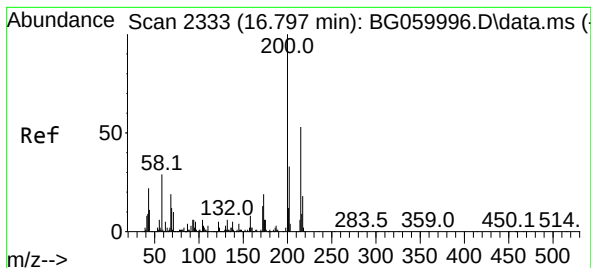
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 19.947 ng
RT: 16.643 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:284 Resp: 209389
Ion Ratio Lower Upper
284 100
142 15.9 11.7 17.5
249 29.2 26.1 39.1





#69

Atrazine

Concen: 20.312 ng

RT: 16.796 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 12948

Ion Ratio Lower Upper

200 100

173 17.5 0.0 39.3

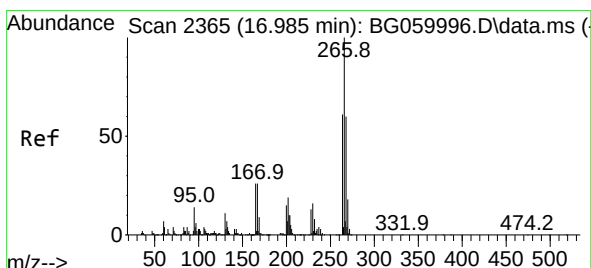
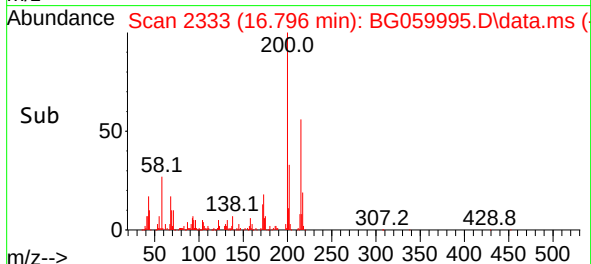
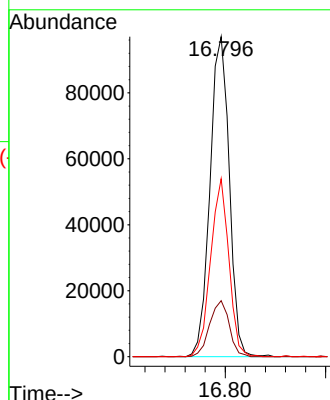
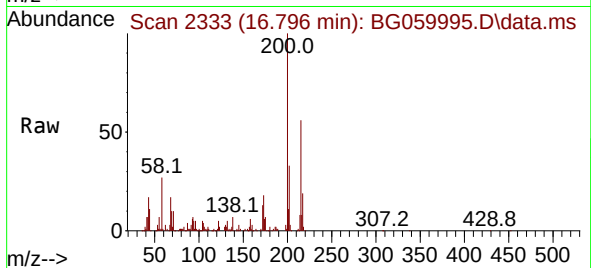
215 55.6 33.1 73.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 21.018 ng

RT: 16.984 min Scan# 2365

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

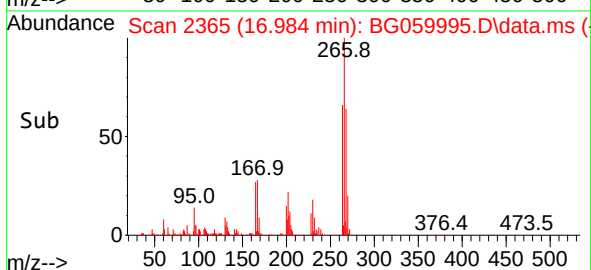
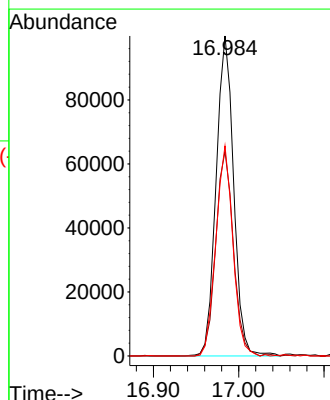
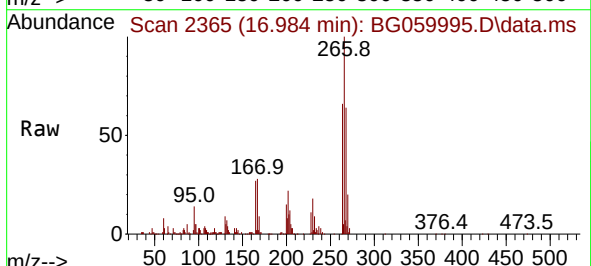
Tgt Ion:266 Resp: 142929

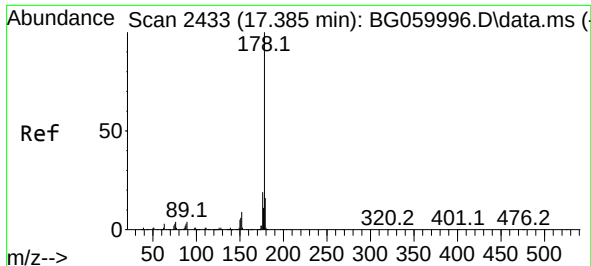
Ion Ratio Lower Upper

266 100

268 63.9 47.9 71.9

264 65.7 48.8 73.2





#71
Phenanthrene
Concen: 20.474 ng
RT: 17.383 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

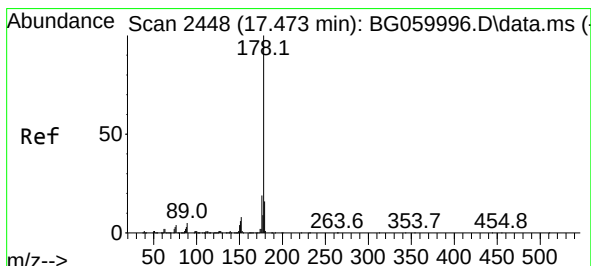
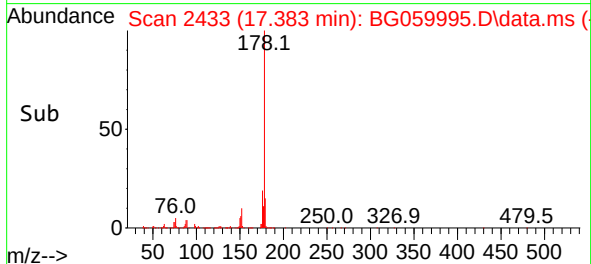
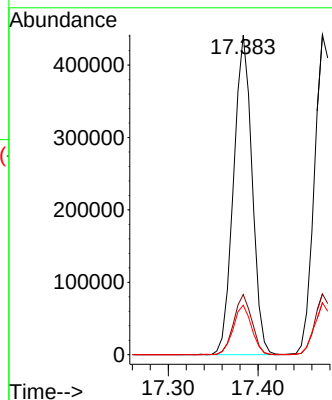
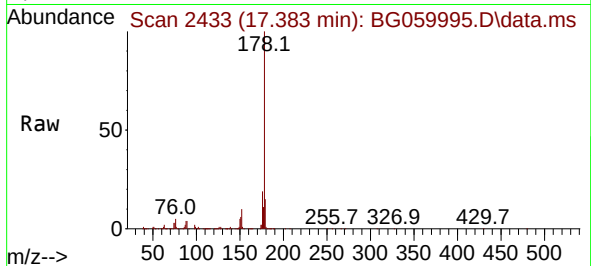
SSTDICC020

Tgt Ion:178 Resp: 631149
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 12.6 19.0

Manual Integrations

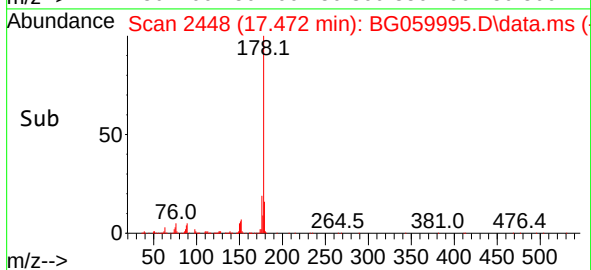
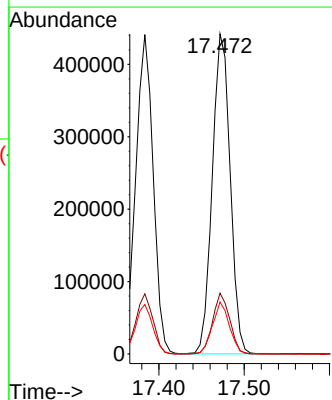
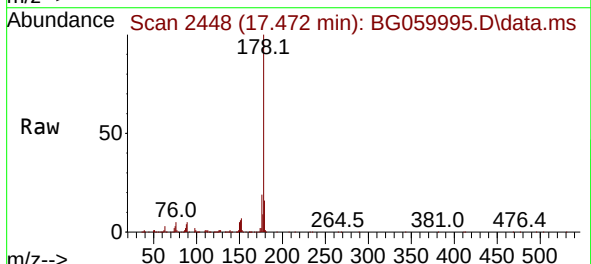
APPROVED

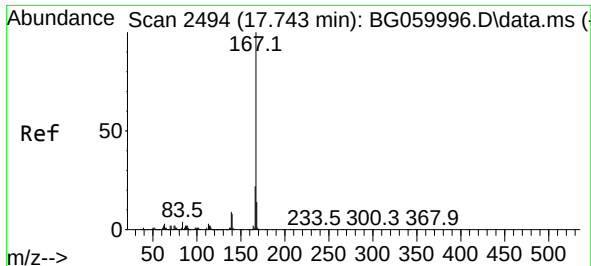
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 20.773 ng
RT: 17.472 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:178 Resp: 643868
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.3 12.6 19.0





#73
 Carbazole
 Concen: 21.018 ng
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BG059995.D
 Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

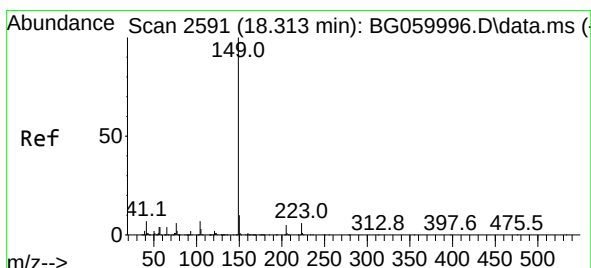
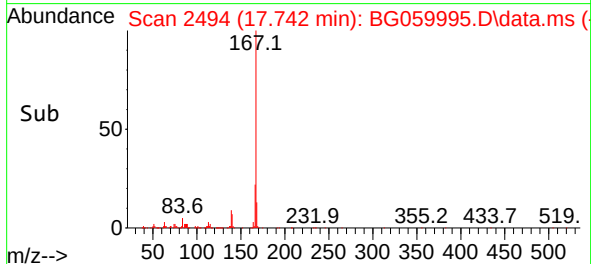
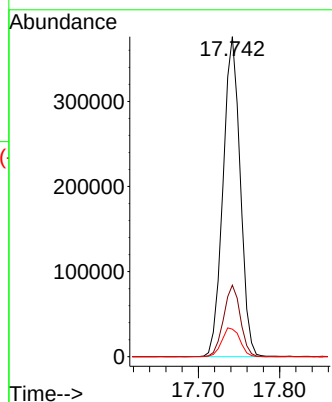
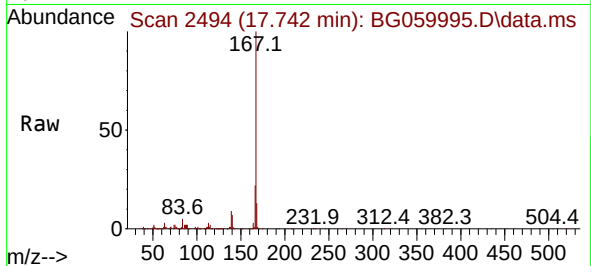
SSTDICC020

Tgt Ion:167 Resp: 553578
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 8.6 7.5 11.3

Manual Integrations

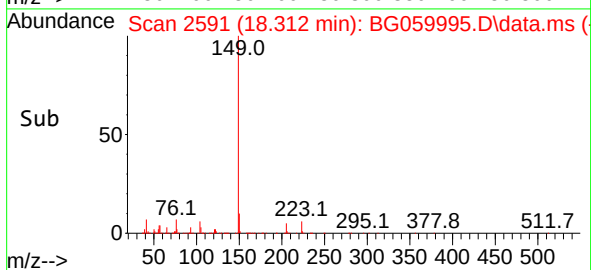
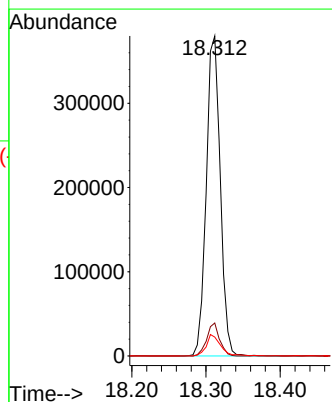
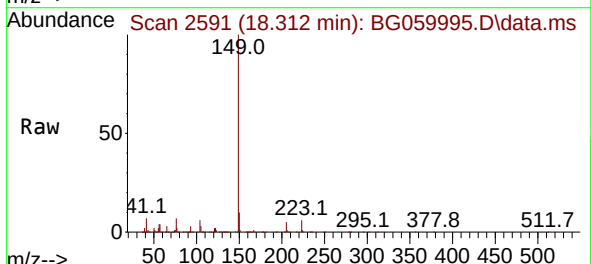
APPROVED

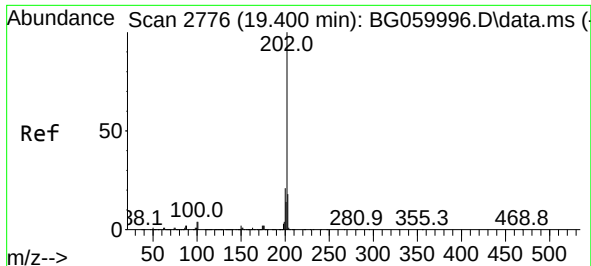
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#74
 Di-n-butylphthalate
 Concen: 20.696 ng
 RT: 18.312 min Scan# 2591
 Delta R.T. -0.001 min
 Lab File: BG059995.D
 Acq: 13 Dec 2023 14:01

Tgt Ion:149 Resp: 497260
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.9 11.9
 104 5.9 5.6 8.4





#75
Fluoranthene
Concen: 20.785 ng
RT: 19.399 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

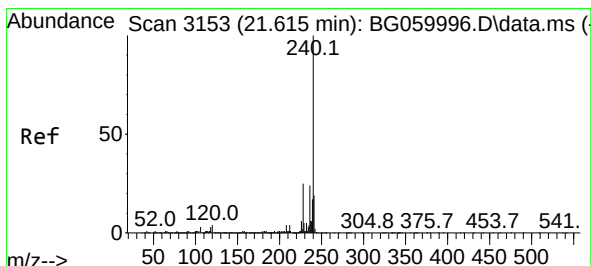
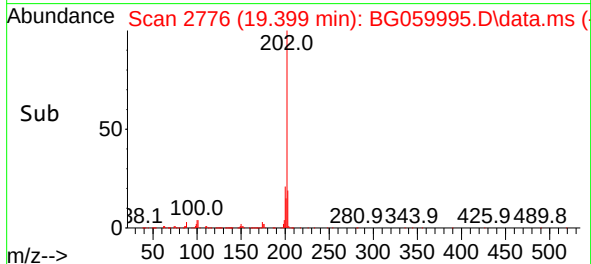
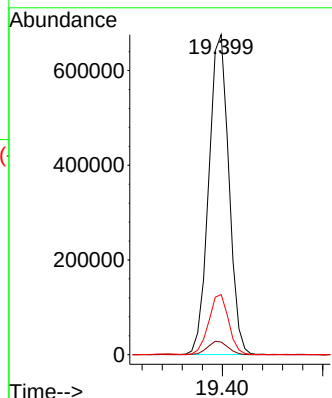
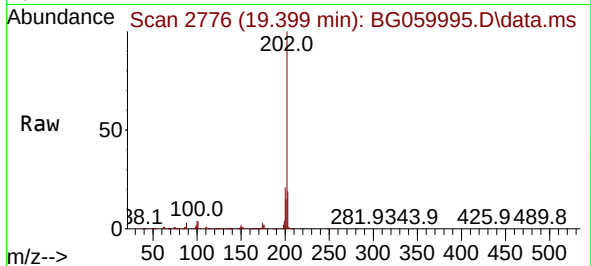
SSTDICC020

Tgt Ion:202 Resp: 935015
Ion Ratio Lower Upper
202 100
101 4.0 0.0 24.2
203 18.8 0.0 37.6

Manual Integrations

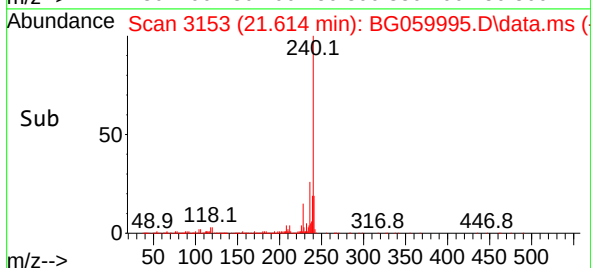
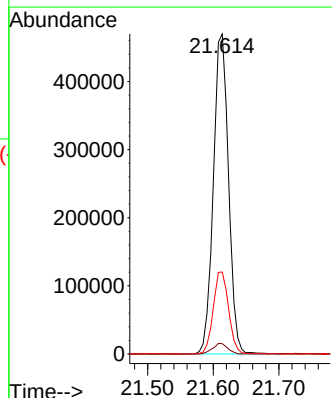
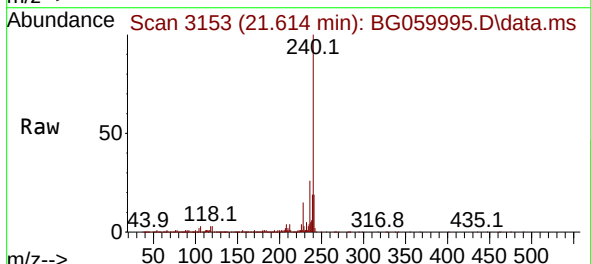
APPROVED

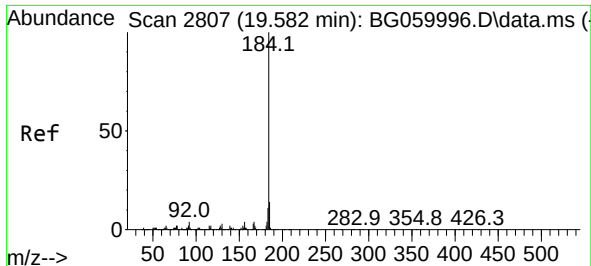
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:240 Resp: 752879
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 25.6 19.4 29.2





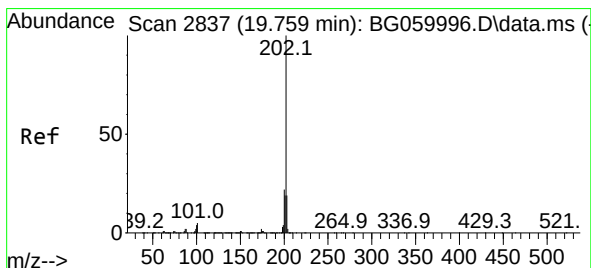
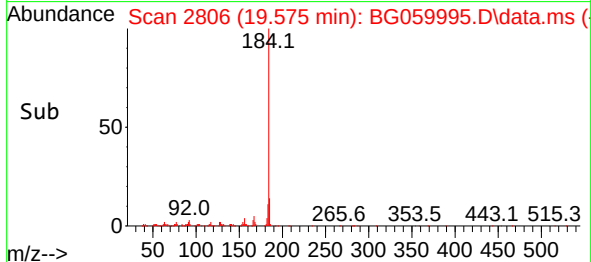
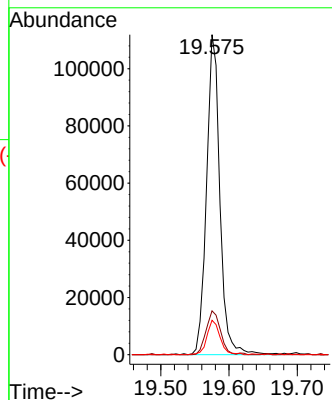
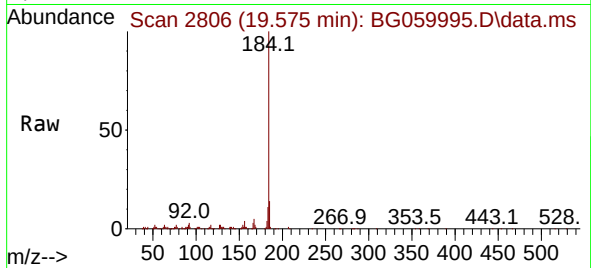
#77
Benzidine
Concen: 15.726 ng
RT: 19.575 min Scan# 2807
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 152074
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 10.8 9.0 13.4

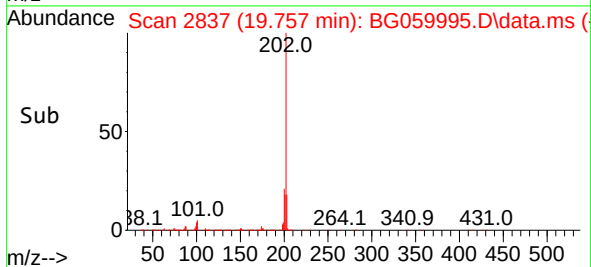
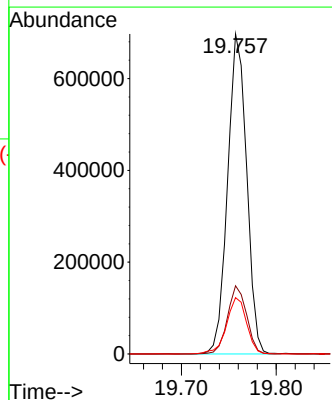
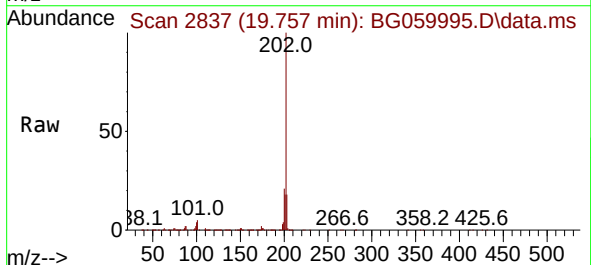
Manual Integrations
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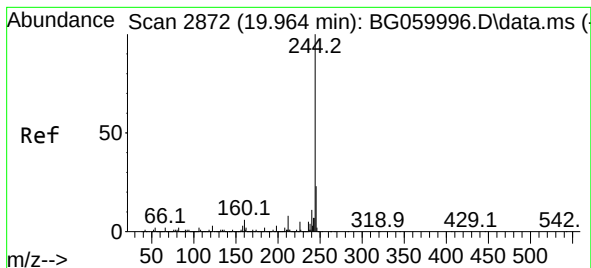
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#78
Pyrene
Concen: 21.288 ng
RT: 19.757 min Scan# 2837
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:202 Resp: 971529
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.6 14.9 22.3





#79

Terphenyl-d14

Concen: 45.484 ng

RT: 19.963 min Scan# 2872

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 187563

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

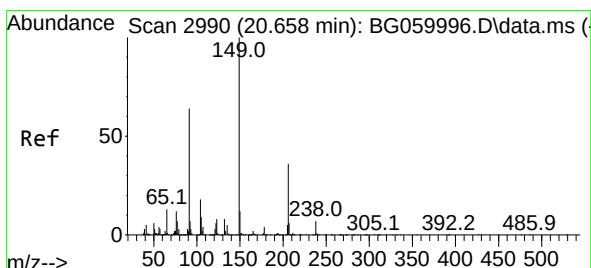
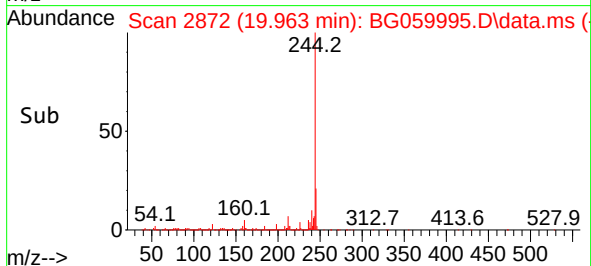
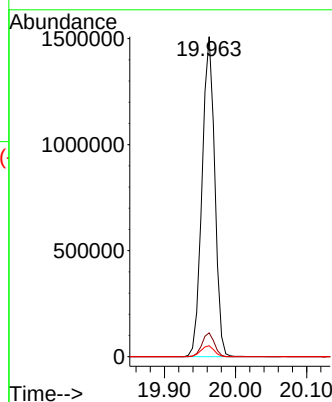
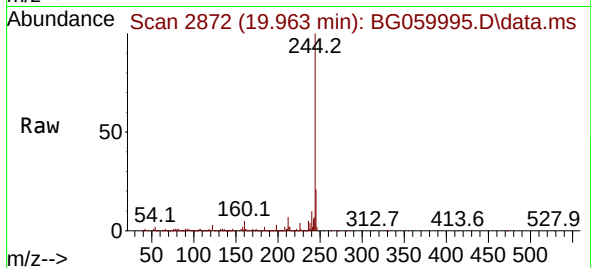
122 3.4 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#80

Butylbenzylphthalate

Concen: 20.155 ng

RT: 20.656 min Scan# 2990

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

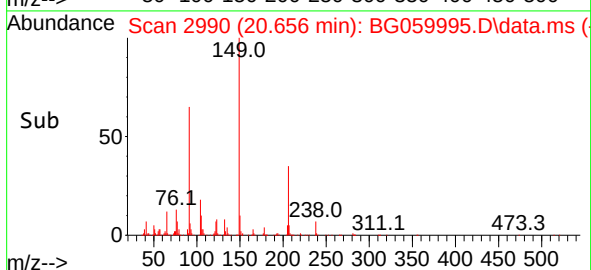
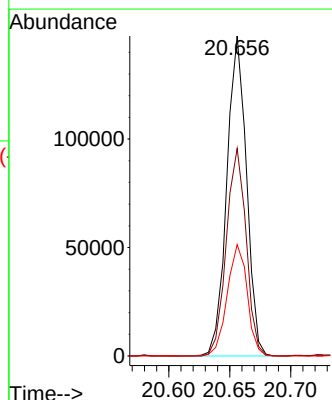
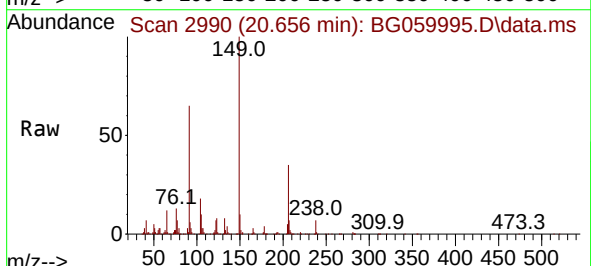
Tgt Ion:149 Resp: 165206

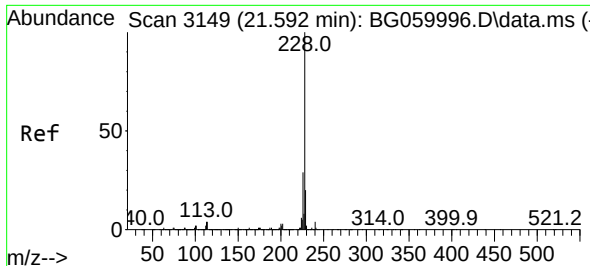
Ion Ratio Lower Upper

149 100

91 64.8 51.3 76.9

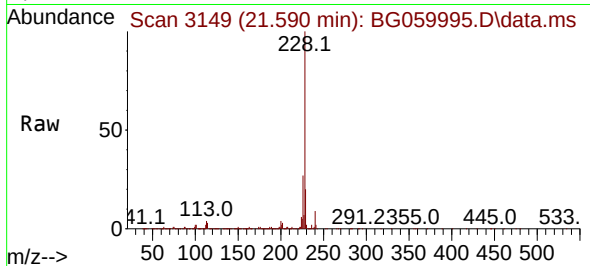
206 34.8 28.8 43.2





#81
Benzo(a)anthracene
Concen: 21.158 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

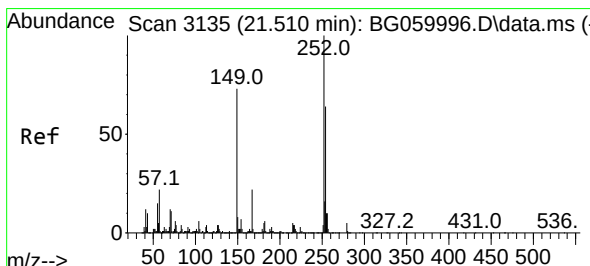
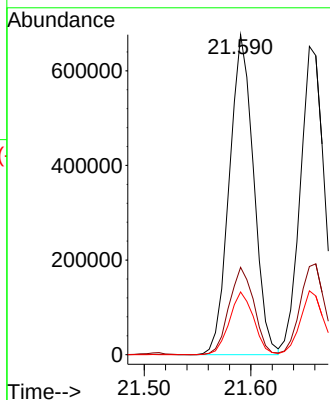
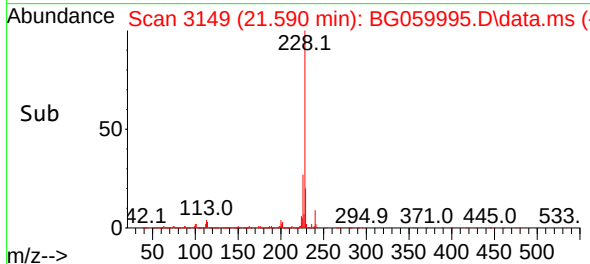
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 107000
Ion Ratio Lower Upper
228 100
226 27.3 22.9 34.3
229 19.6 16.2 24.2

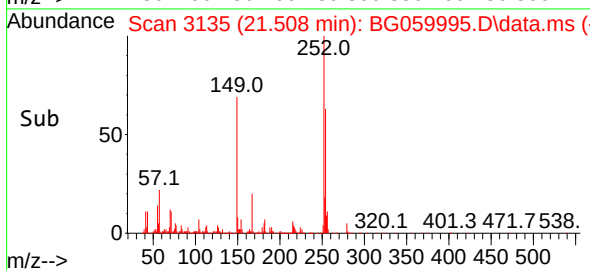
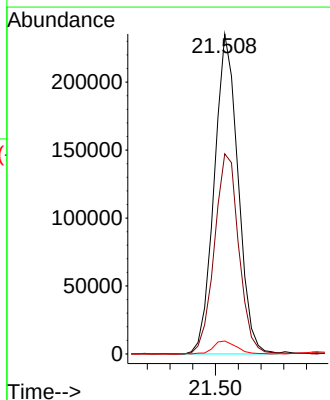
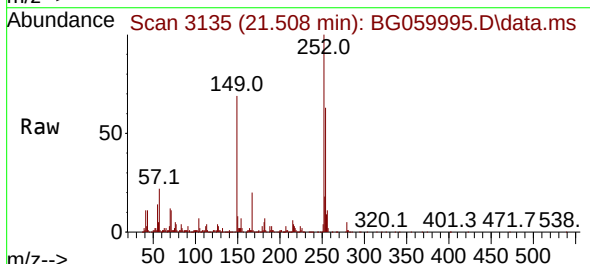
Manual Integrations
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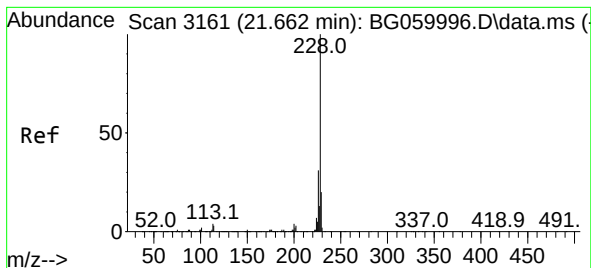
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 20.535 ng
RT: 21.508 min Scan# 3135
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:252 Resp: 341733
Ion Ratio Lower Upper
252 100
254 62.5 51.0 76.4
126 4.0 3.0 4.4





#83

Chrysene

Concen: 21.193 ng

RT: 21.655 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 1015430

Ion Ratio Lower Upper

228 100

226 28.6 25.0 37.6

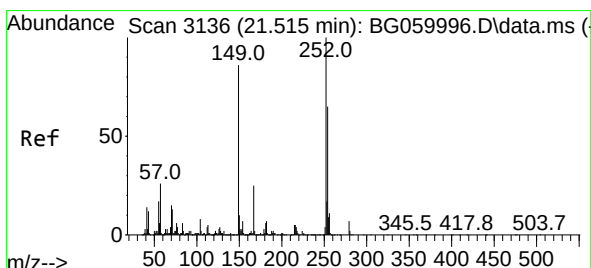
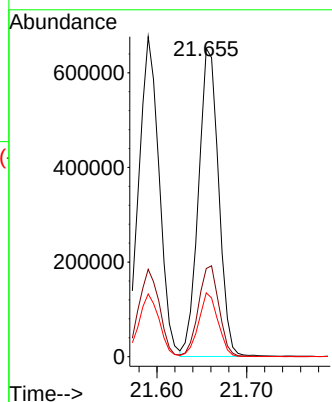
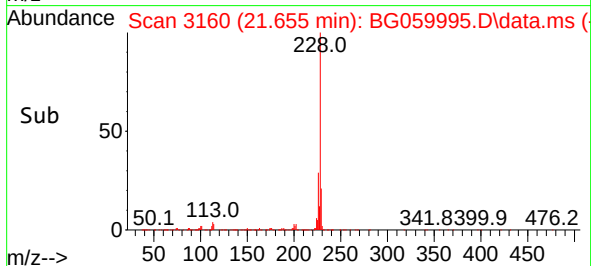
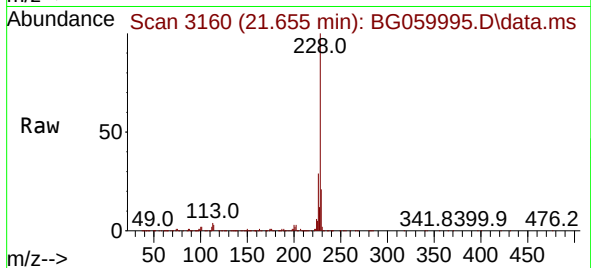
229 20.7 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.474 ng

RT: 21.514 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

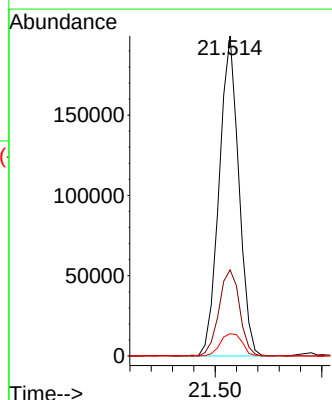
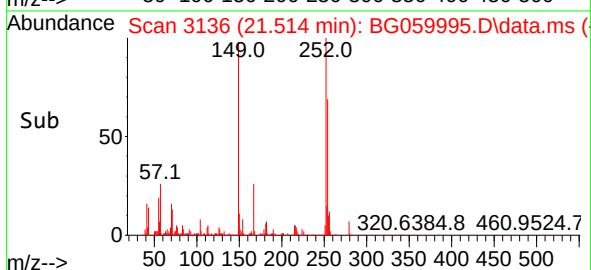
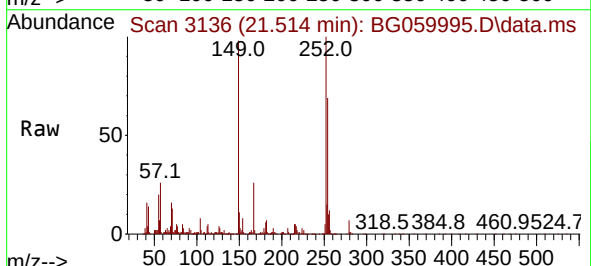
Tgt Ion:149 Resp: 254360

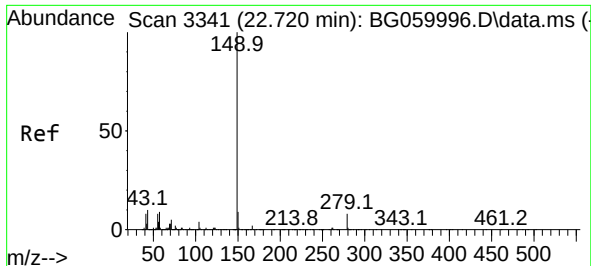
Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

279 7.0 6.2 9.2





#85
Di-n-octyl phthalate
Concen: 20.318 ng
RT: 22.718 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

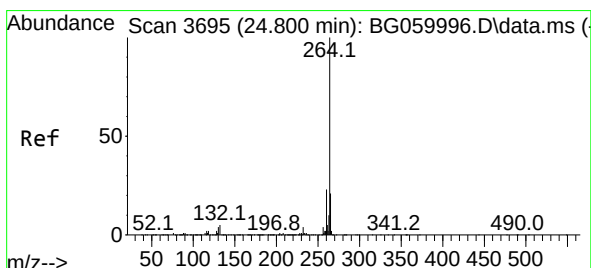
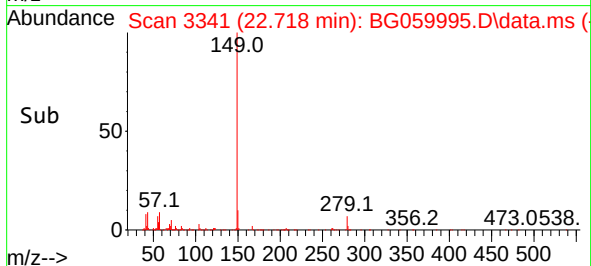
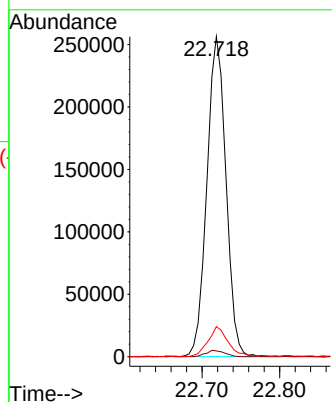
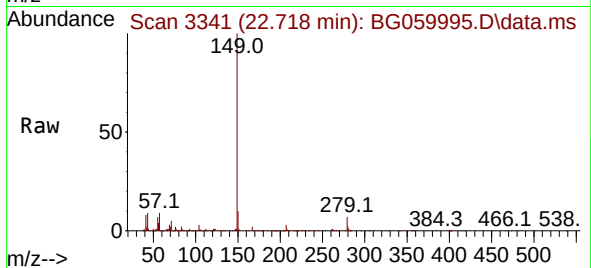
SSTDICC020

Tgt Ion:149 Resp: 43663
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 9.9 8.3 12.5

Manual Integrations

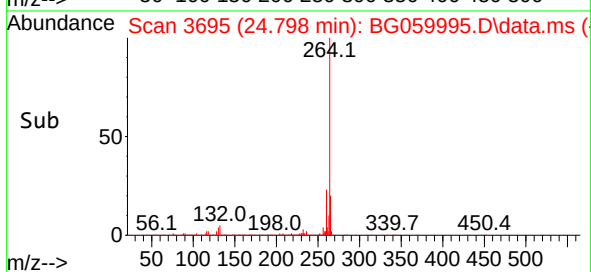
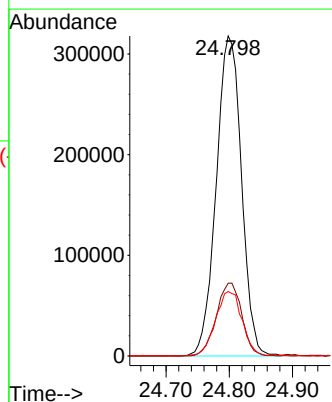
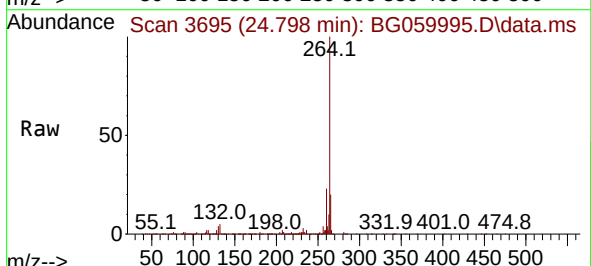
APPROVED

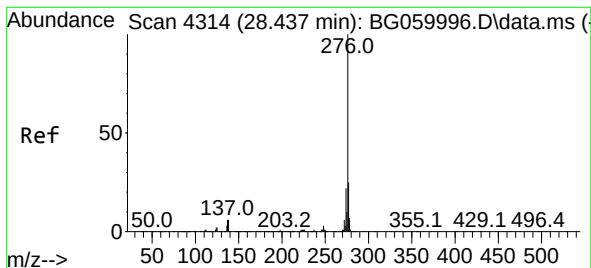
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:264 Resp: 880846
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 20.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.265 ng

RT: 28.429 min Scan# 4314

Delta R.T. -0.007 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 127393

Ion Ratio Lower Upper

276 100

138 3.1 4.7 7.1

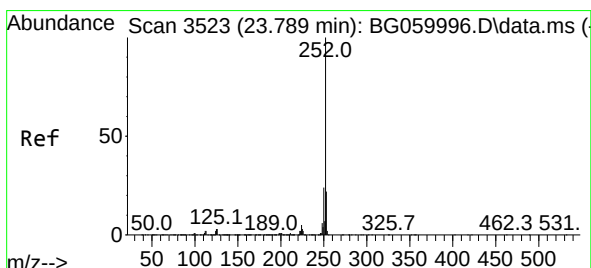
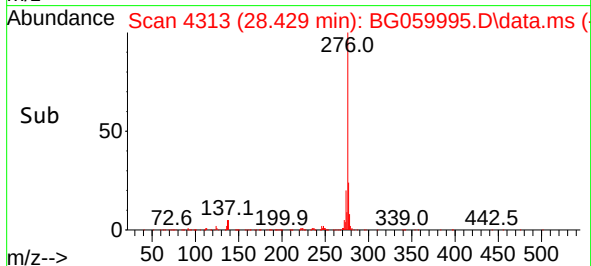
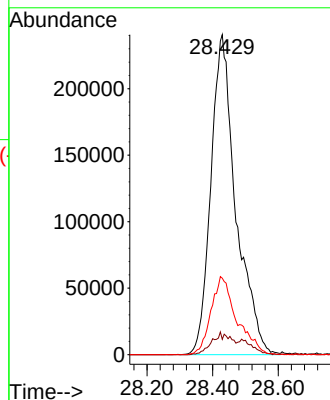
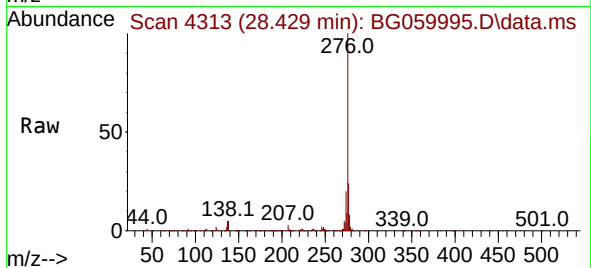
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#88

Benzo(b)fluoranthene

Concen: 20.312 ng

RT: 23.788 min Scan# 3523

Delta R.T. -0.001 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

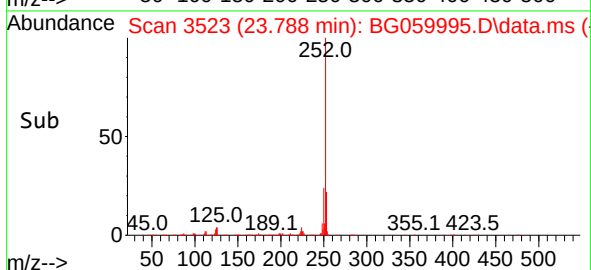
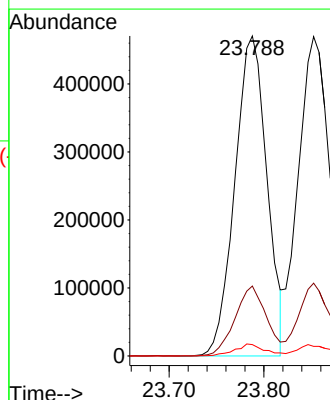
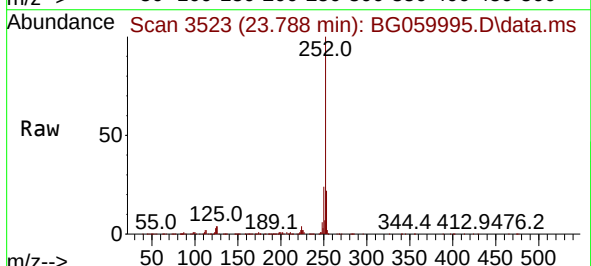
Tgt Ion:252 Resp: 1104999

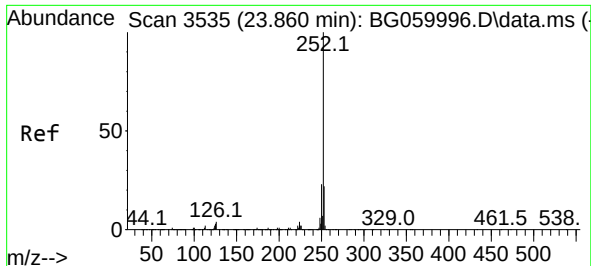
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 3.5 2.6 4.0





#89
Benzo(k)fluoranthene
Concen: 20.577 ng
RT: 23.852 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Instrument :

BNL_G

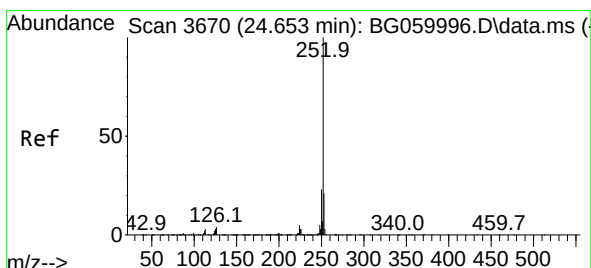
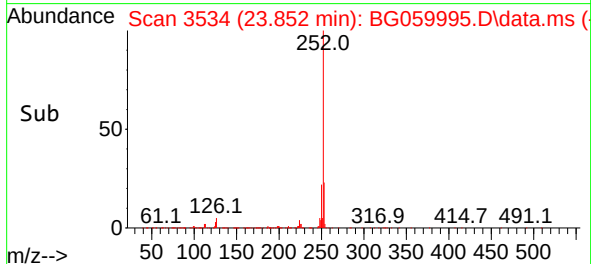
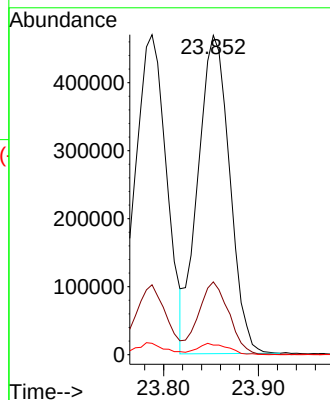
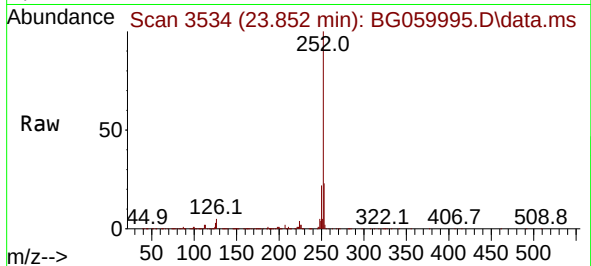
ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 108607
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 3.0 2.5 3.7

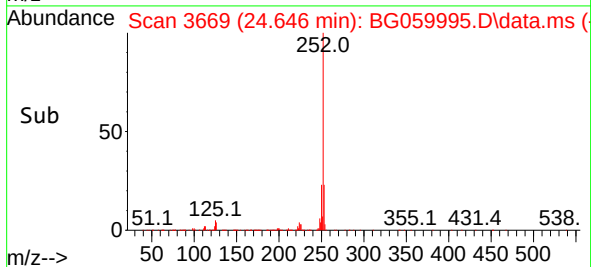
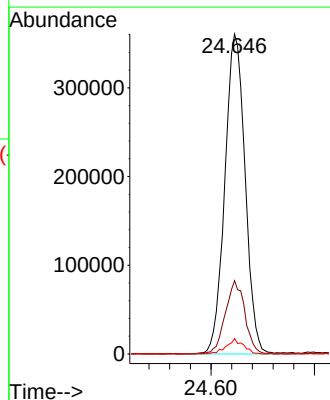
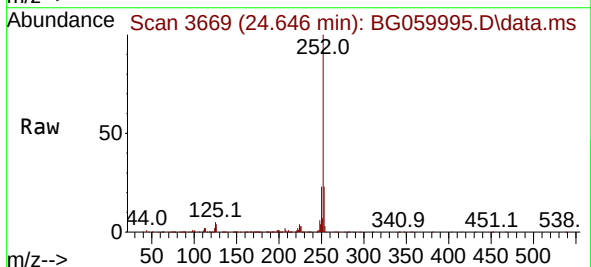
Manual Integrations
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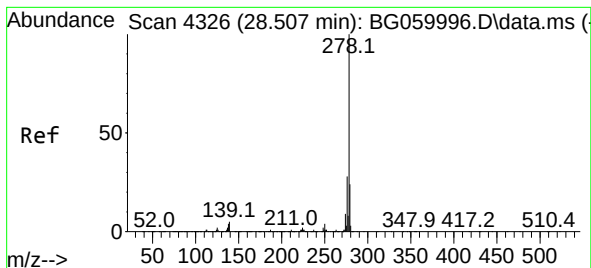
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 20.344 ng
RT: 24.646 min Scan# 3669
Delta R.T. -0.007 min
Lab File: BG059995.D
Acq: 13 Dec 2023 14:01

Tgt Ion:252 Resp: 980521
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 4.8 2.6 4.0#





#91

Dibenzo(a,h)anthracene

Concen: 20.437 ng

RT: 28.500 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 107430

Ion Ratio Lower Upper

278 100

139 5.0 4.4 6.6

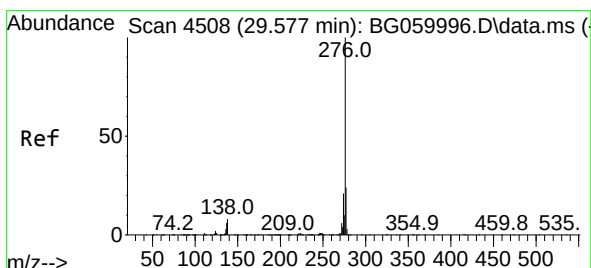
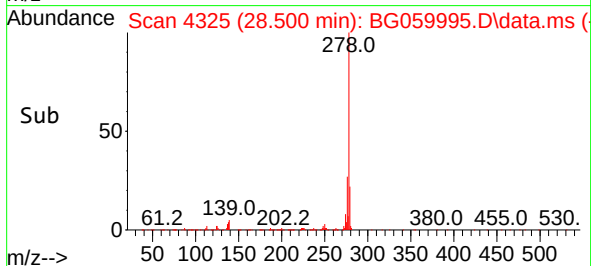
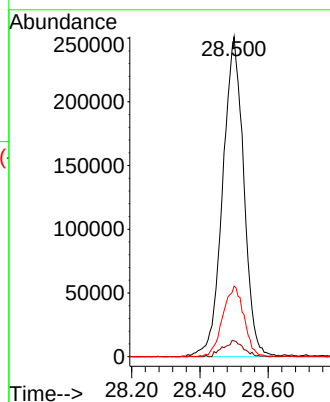
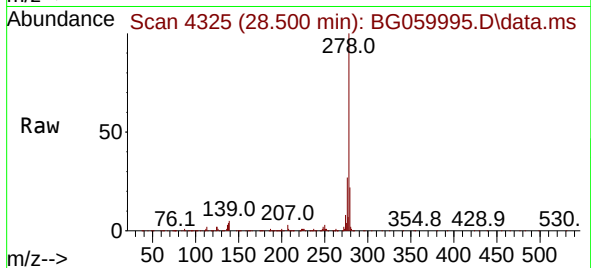
279 22.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#92

Benzo(g,h,i)perylene

Concen: 20.114 ng

RT: 29.563 min Scan# 4506

Delta R.T. -0.013 min

Lab File: BG059995.D

Acq: 13 Dec 2023 14:01

Tgt Ion:276 Resp: 1051729

Ion Ratio Lower Upper

276 100

277 25.3 19.4 29.2

138 6.3 6.0 9.0

