

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055256.D
 Acq On : 24 Oct 2022 14:30
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 24 15:27:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 14:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	35594	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	168185	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	119767	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	269465	20.000	ng	0.00
76) Chrysene-d12	21.902	240	236992	20.000	ng	0.00
86) Perylene-d12	25.298	264	250608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	194327	98.225	ng	0.00
7) Phenol-d6	7.413	99	297197	98.585	ng	0.00
23) Nitrobenzene-d5	9.446	82	323129	92.755	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	129066	103.999	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	694201	92.584	ng	0.00
79) Terphenyl-d14	20.192	244	1062517	83.538	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	43908	45.637	ng	98
3) Pyridine	4.023	79	141528m	46.715	ng	
4) n-Nitrosodimethylamine	3.935	42	63111	44.517	ng	97
6) Aniline	7.589	93	191189	48.919	ng	98
8) 2-Chlorophenol	7.830	128	116698	48.787	ng	98
9) Benzaldehyde	7.401	77	92375	44.081	ng	98
10) Phenol	7.442	94	166834	48.986	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	122412	46.682	ng	99
12) 1,3-Dichlorobenzene	8.165	146	126128	48.610	ng	97
13) 1,4-Dichlorobenzene	8.312	146	127011	47.919	ng	99
14) 1,2-Dichlorobenzene	8.635	146	122809	48.627	ng	97
15) Benzyl Alcohol	8.506	79	126760	48.960	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.800	45	201178	42.569	ng	99
17) 2-Methylphenol	8.706	107	116292	49.329	ng	98
18) Hexachloroethane	9.370	117	45680	47.614	ng	99
19) n-Nitroso-di-n-propyla...	9.082	70	124360	48.097	ng	99
20) 3+4-Methylphenols	9.040	107	168984	50.998	ng	100
22) Acetophenone	9.099	105	209249	45.996	ng	# 99
24) Nitrobenzene	9.493	77	169244	45.433	ng	99
25) Isophorone	10.016	82	327221	45.910	ng	98
26) 2-Nitrophenol	10.204	139	77459	52.860	ng	99
27) 2,4-Dimethylphenol	10.251	122	117884m	50.517	ng	
28) bis(2-Chloroethoxy)met...	10.486	93	165329	48.272	ng	99
29) 2,4-Dichlorophenol	10.744	162	127827	51.305	ng	98
30) 1,2,4-Trichlorobenzene	10.962	180	126435	49.564	ng	98
31) Naphthalene	11.156	128	438057	49.361	ng	99
32) Benzoic acid	10.404	122	87250	52.234	ng	98
33) 4-Chloroaniline	11.256	127	191019	52.270	ng	98
34) Hexachlorobutadiene	11.432	225	72291	46.931	ng	99
35) Caprolactam	12.031	113	54934	50.172	ng	92
36) 4-Chloro-3-methylphenol	12.354	107	160107	49.421	ng	99
37) 2-Methylnaphthalene	12.736	142	321856	47.680	ng	99
38) 1-Methylnaphthalene	12.954	142	313285	47.012	ng	100
40) 1,2,4,5-Tetrachloroben...	13.100	216	141769	50.359	ng	100
41) Hexachlorocyclopentadiene	13.071	237	65037	50.729	ng	96
43) 2,4,6-Trichlorophenol	13.330	196	106423	49.670	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	118934	50.596	ng	98
46) 1,1'-Biphenyl	13.729	154	402316	47.440	ng	99
47) 2-Chloronaphthalene	13.776	162	316687	48.504	ng	99
48) 2-Nitroaniline	13.970	65	127093	47.967	ng	99
49) Acenaphthylene	14.616	152	541505	48.482	ng	98
50) Dimethylphthalate	14.328	163	443844	47.114	ng	99
51) 2,6-Dinitrotoluene	14.452	165	95330	50.432	ng	99
52) Acenaphthene	14.951	154	351556m	49.436	ng	
53) 3-Nitroaniline	14.787	138	118070	50.144	ng	96
54) 2,4-Dinitrophenol	14.992	184	52178	54.754	ng	97
55) Dibenzofuran	15.280	168	514954	50.272	ng	100
56) 4-Nitrophenol	15.080	139	87294	52.726	ng	98
57) 2,4-Dinitrotoluene	15.239	165	137812	52.140	ng	93
58) Fluorene	15.927	166	426831	49.480	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.504	232	103950	50.781	ng	100
60) Diethylphthalate	15.680	149	467508	47.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.909	204	199315	49.780	ng	99
62) 4-Nitroaniline	15.944	138	119917	50.207	ng	98
63) Azobenzene	16.203	77	468033	46.987	ng	99
65) 4,6-Dinitro-2-methylph...	15.997	198	79063	54.928	ng	99
66) n-Nitrosodiphenylamine	16.120	169	368592	49.011	ng	100
67) 4-Bromophenyl-phenylether	16.802	248	131727	50.154	ng	98
68) Hexachlorobenzene	16.925	284	145905	50.758	ng	100
69) Atrazine	17.055	200	113012	45.593	ng	98
70) Pentachlorophenol	17.266	266	79760	51.414	ng	98
71) Phenanthrene	17.666	178	691515	48.092	ng	100
72) Anthracene	17.754	178	672097	47.832	ng	99
73) Carbazole	18.018	167	632293	48.865	ng	100
74) Di-n-butylphthalate	18.547	149	789376	46.771	ng	99
75) Fluoranthene	19.652	202	772869	48.523	ng	99
77) Benzidine	19.822	184	319685	53.046	ng	98
78) Pyrene	20.010	202	781571	43.767	ng	99
80) Butylbenzylphthalate	20.868	149	364957	43.724	ng	100
81) Benzo(a)anthracene	21.878	228	742452	48.298	ng	99
82) 3,3'-Dichlorobenzidine	21.779	252	253275	47.984	ng	99
83) Chrysene	21.949	228	701706	49.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.749	149	513110	46.983	ng	97
85) Di-n-octyl phthalate	23.018	149	871182	53.504	ng	100
87) Indeno(1,2,3-cd)pyrene	29.217	276	894808	51.336	ng	# 92
88) Benzo(b)fluoranthene	24.211	252	730990	49.119	ng	99
89) Benzo(k)fluoranthene	24.287	252	736193	48.845	ng	99
90) Benzo(a)pyrene	25.139	252	626743	49.067	ng	99
91) Dibenzo(a,h)anthracene	29.276	278	734705	51.451	ng	100
92) Benzo(g,h,i)perylene	30.439	276	728331	52.651	ng	99

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

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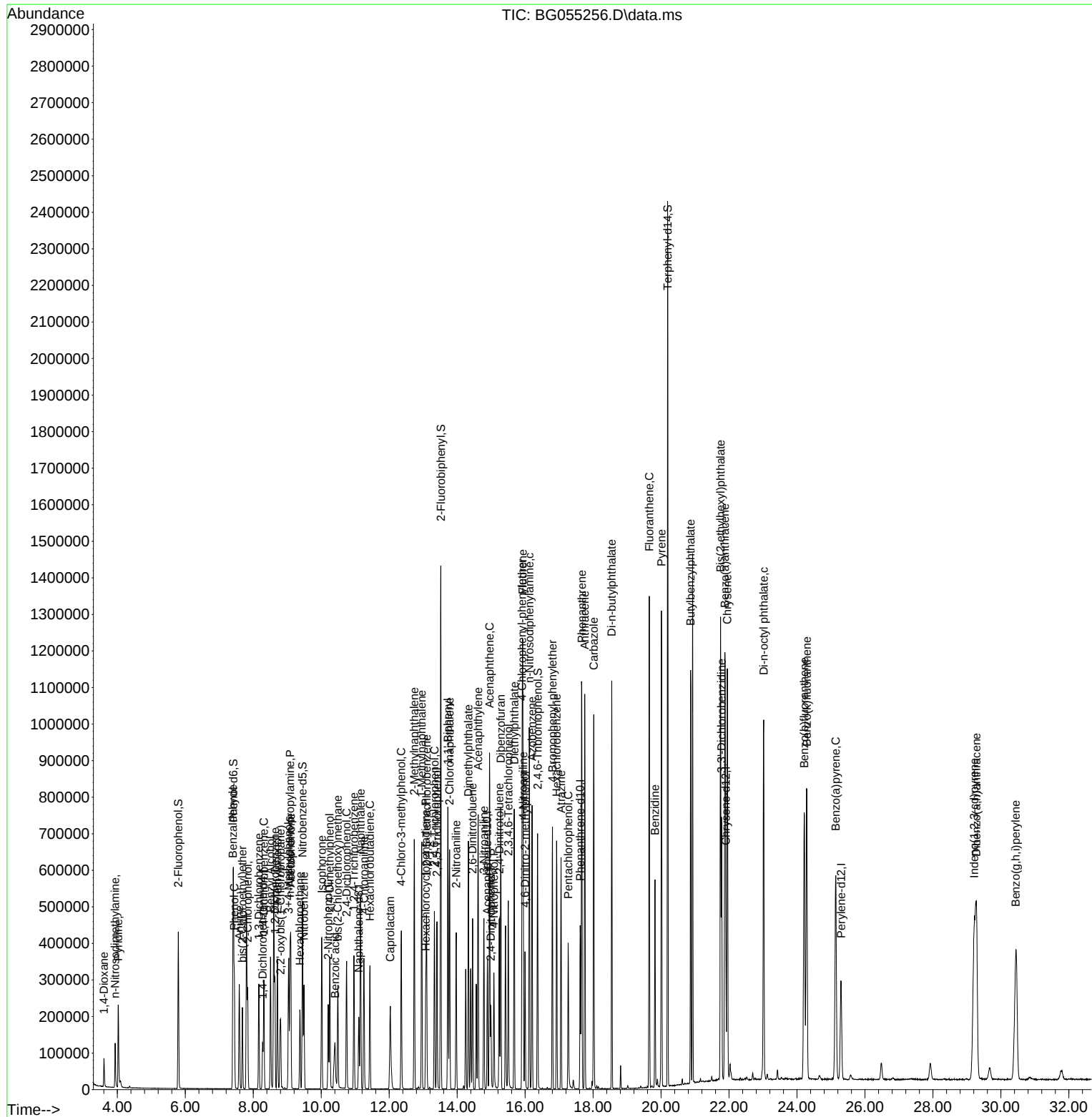
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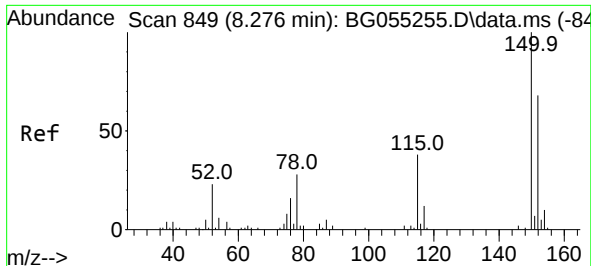
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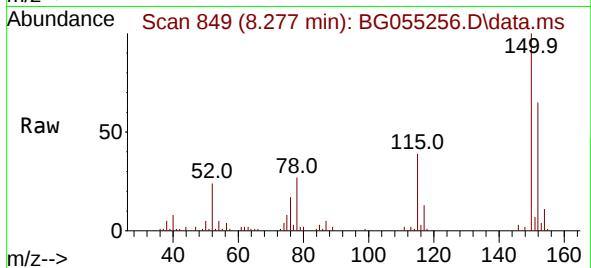
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 849
Delta R.T. 0.001 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

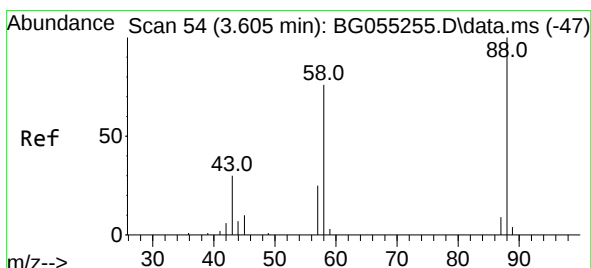
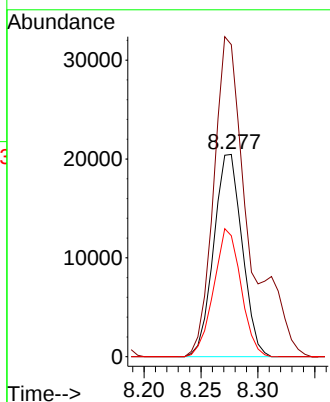
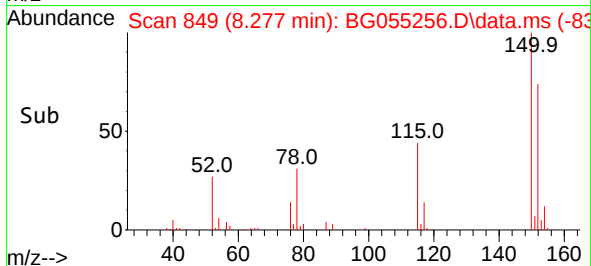
Instrument :
BNA_G
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Tgt Ion:152 Resp: 35594
Ion Ratio Lower Upper
152 100
150 154.2 118.2 177.4
115 59.8 44.5 66.7

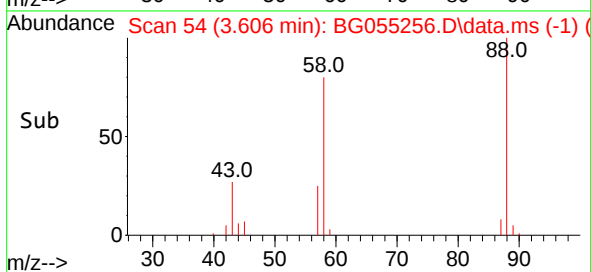
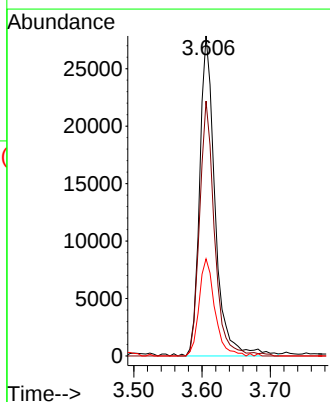
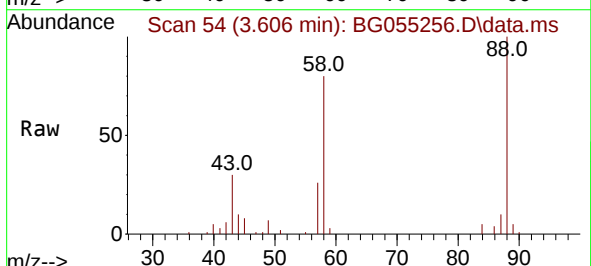
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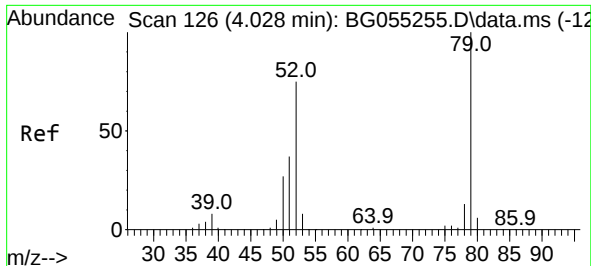
Reviewed By :Christian Giraldo 10/25/2022
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#2
1,4-Dioxane
Concen: 45.637 ng
RT: 3.606 min Scan# 54
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion: 88 Resp: 43908
Ion Ratio Lower Upper
88 100
58 76.7 61.0 91.6
43 30.8 21.5 32.3





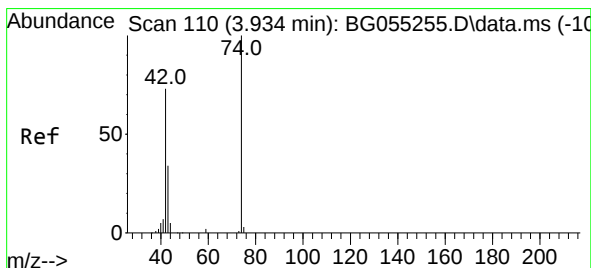
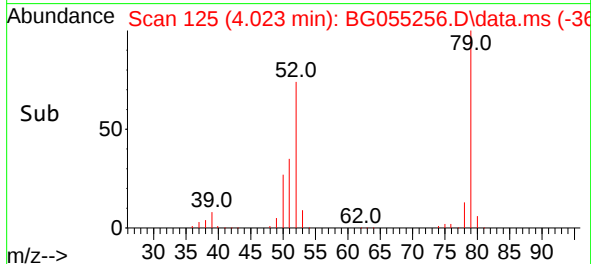
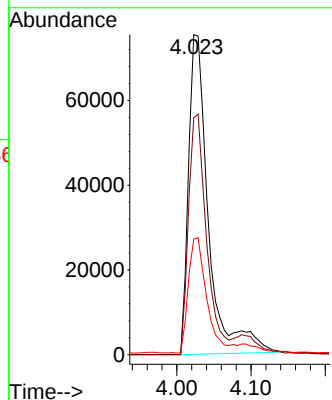
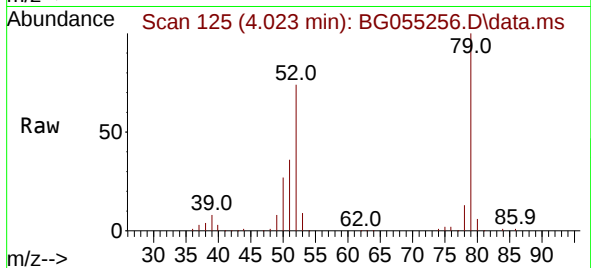
#3
Pyridine
Concen: 46.715 ng m
RT: 4.023 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 141528
Ion Ratio Lower Upper
79 100
52 74.0 59.9 89.9
51 36.1 30.3 45.5

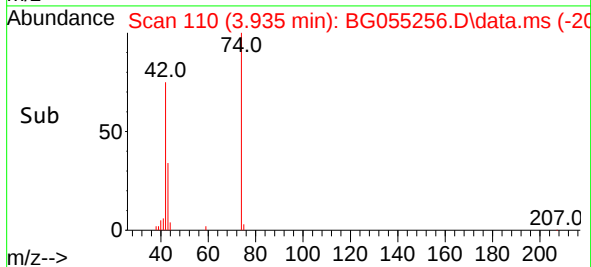
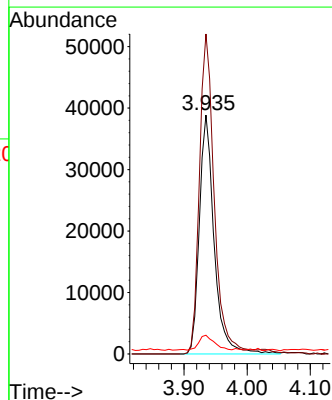
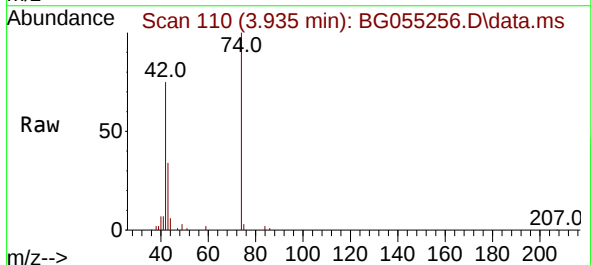
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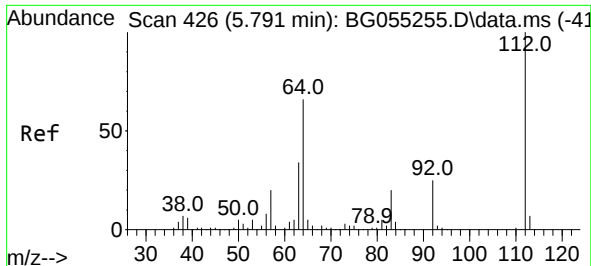
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#4
n-Nitrosodimethylamine
Concen: 44.517 ng
RT: 3.935 min Scan# 110
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion: 42 Resp: 63111
Ion Ratio Lower Upper
42 100
74 133.9 109.8 164.6
44 7.8 6.5 9.7





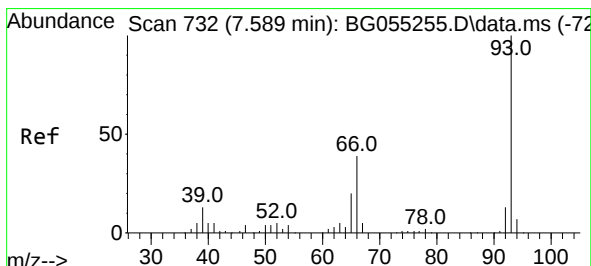
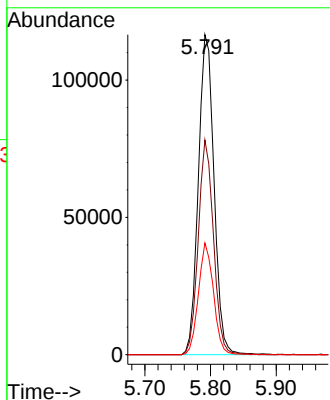
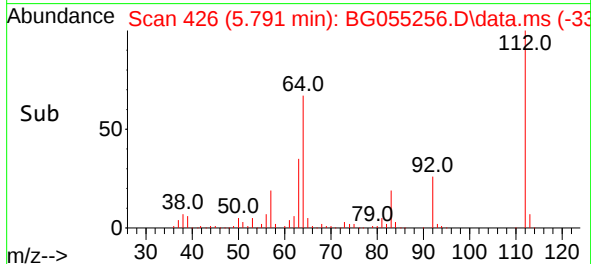
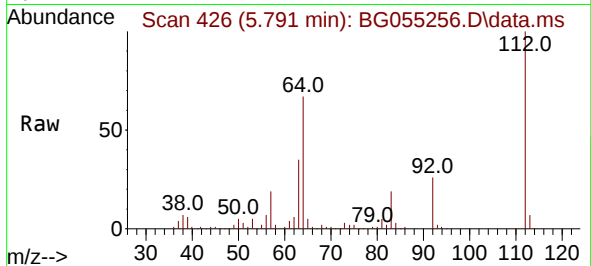
#5
2-Fluorophenol
Concen: 98.225 ng
RT: 5.791 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :
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Tgt Ion:112 Resp: 19432
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 34.9 27.1 40.7

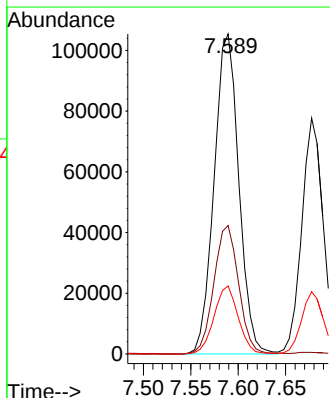
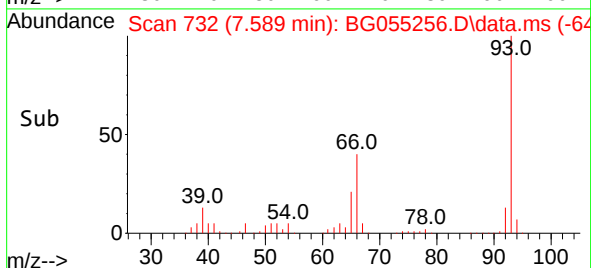
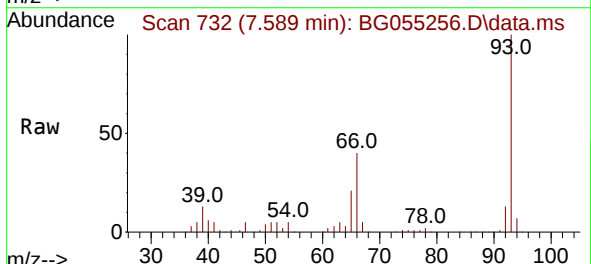
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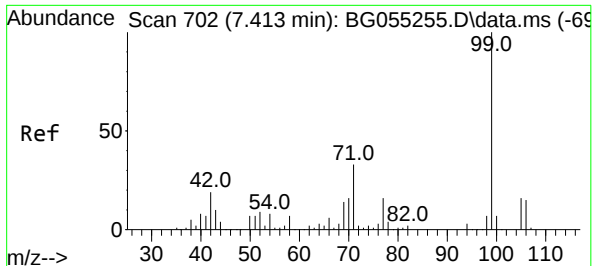
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#6
Aniline
Concen: 48.919 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

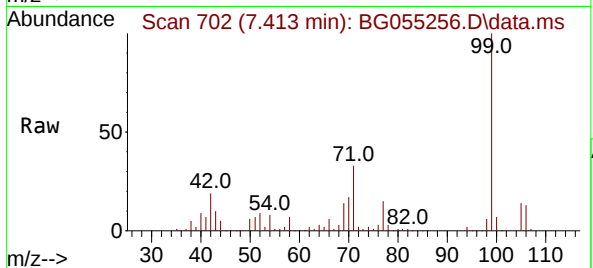
Tgt Ion: 93 Resp: 191189
Ion Ratio Lower Upper
93 100
66 40.2 31.6 47.4
65 21.3 16.0 24.0





#7
Phenol-d6
Concen: 98.585 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055256.D
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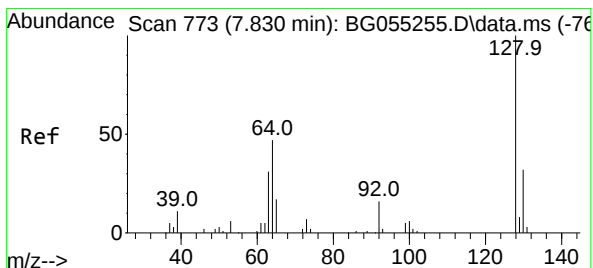
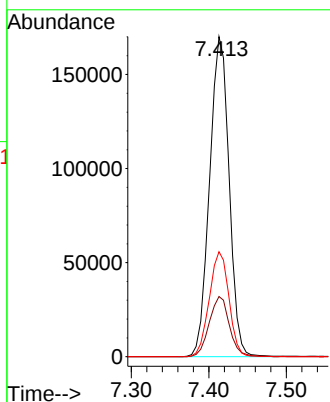
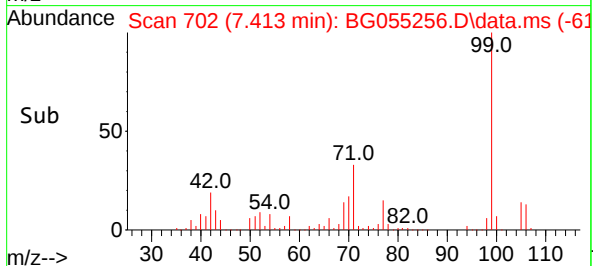
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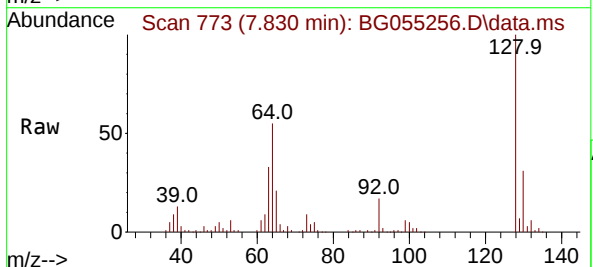
Tgt Ion: 99 Resp: 297197
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 32.8 26.2 39.4

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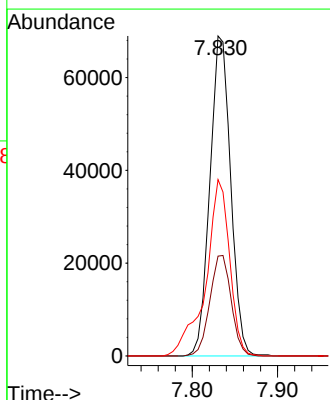
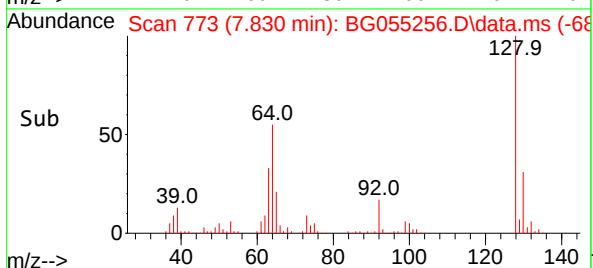
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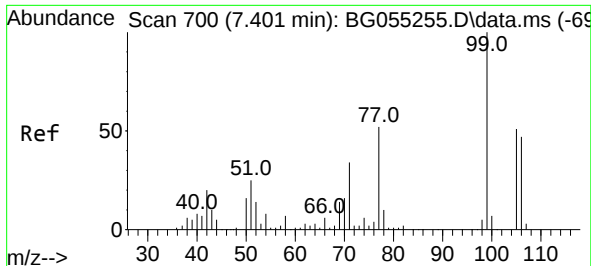


#8
2-Chlorophenol
Concen: 48.787 ng
RT: 7.830 min Scan# 773
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:128 Resp: 116698
Ion Ratio Lower Upper
128 100
130 31.2 12.4 52.4
64 55.1 33.2 73.2





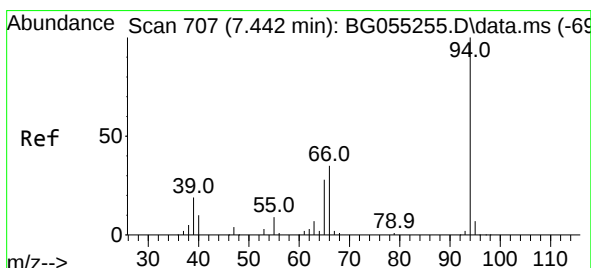
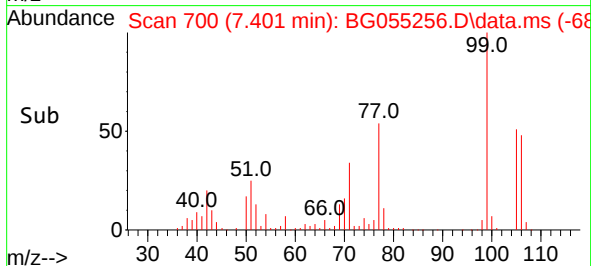
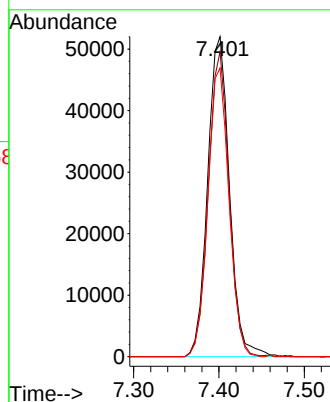
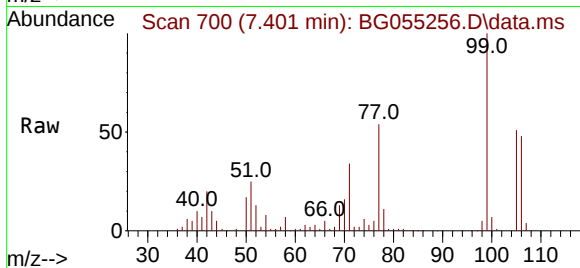
#9
Benzaldehyde
Concen: 44.081 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
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Tgt Ion: 77 Resp: 92375
Ion Ratio Lower Upper
77 100
105 95.3 77.9 117.9
106 90.2 69.9 109.9

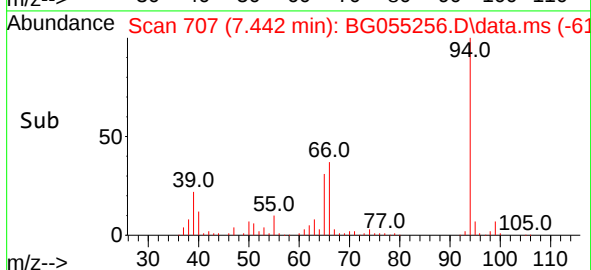
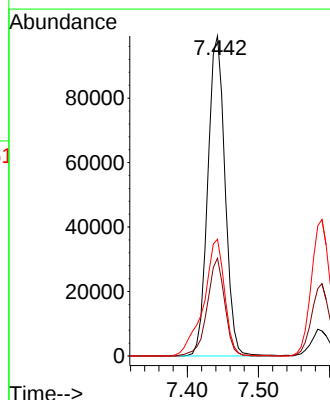
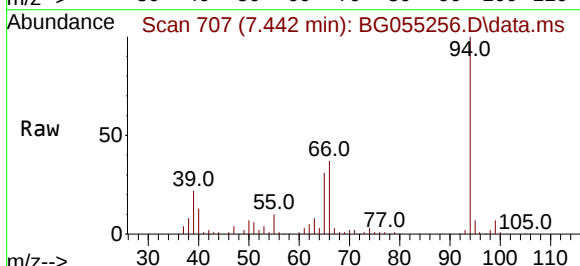
Manual Integrations
APPROVED

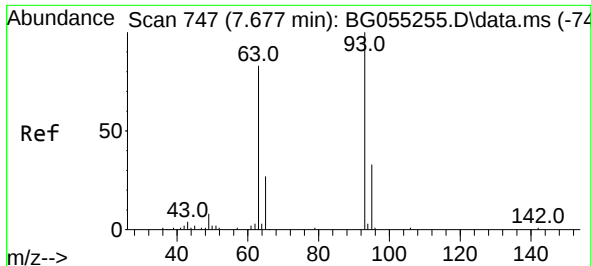
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Phenol
Concen: 48.986 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

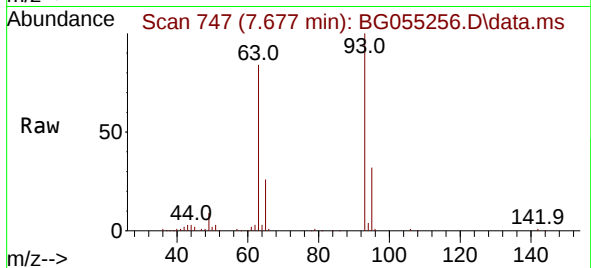
Tgt Ion: 94 Resp: 166834
Ion Ratio Lower Upper
94 100
65 30.6 8.4 48.4
66 36.5 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 46.682 ng
RT: 7.677 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

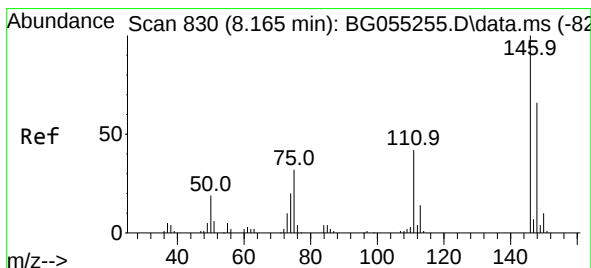
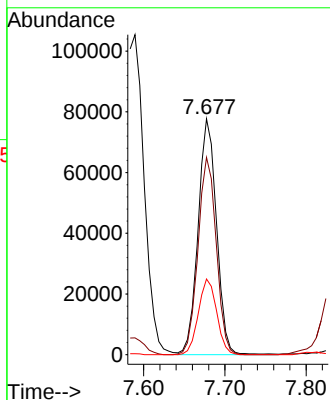
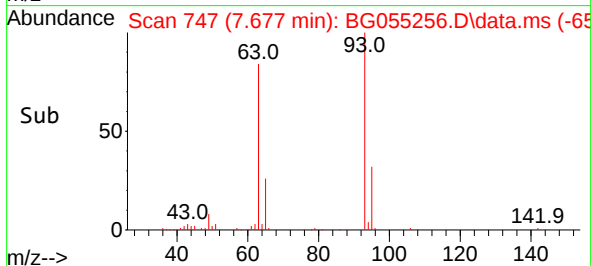
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 93 Resp: 122412
Ion Ratio Lower Upper
93 100
63 83.6 62.0 102.0
95 32.1 12.4 52.4

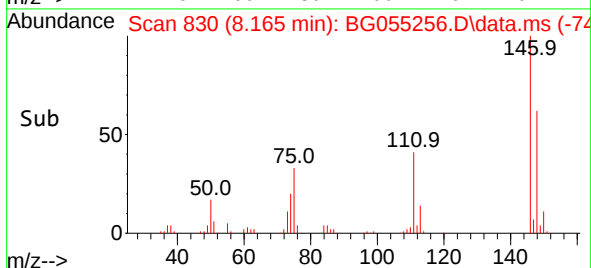
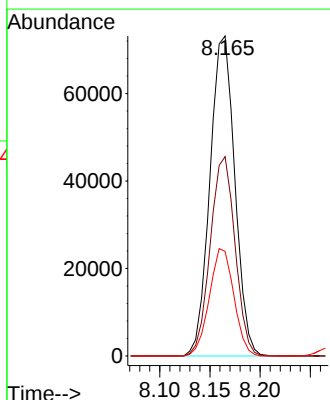
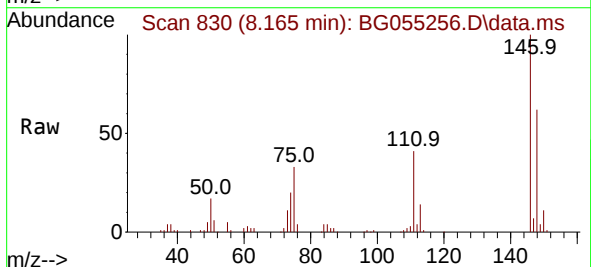
Manual Integrations
APPROVED

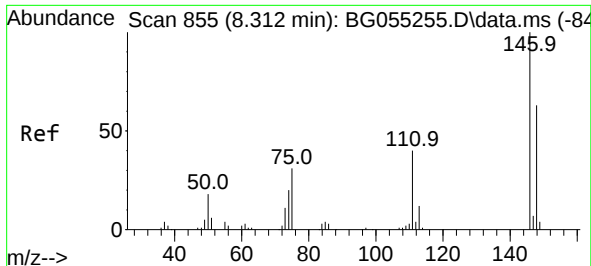
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
1,3-Dichlorobenzene
Concen: 48.610 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

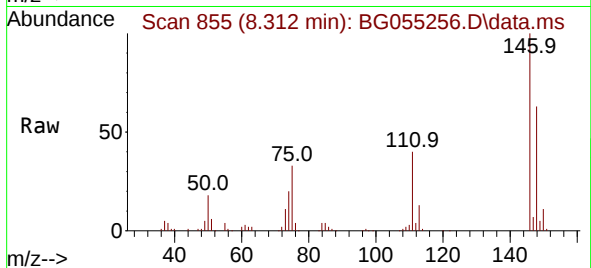
Tgt Ion:146 Resp: 126128
Ion Ratio Lower Upper
146 100
148 62.3 52.9 79.3
75 32.7 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 47.919 ng
RT: 8.312 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

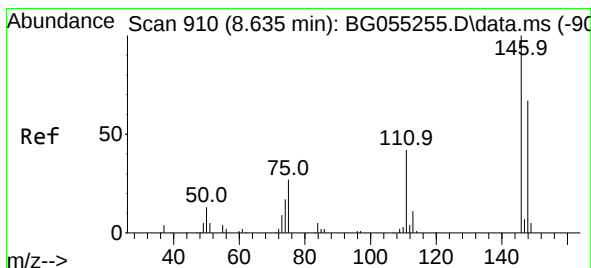
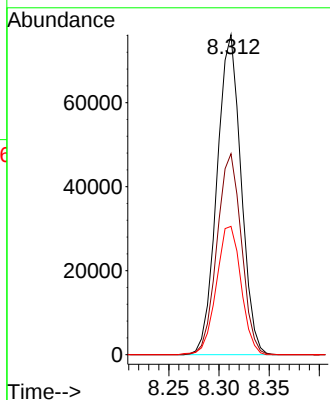
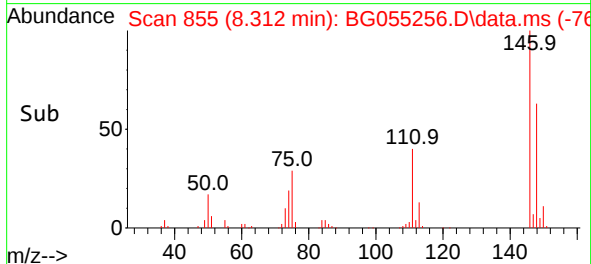
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



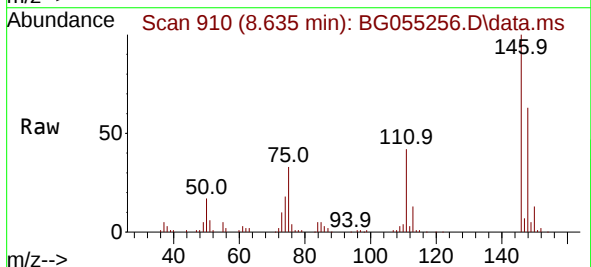
Tgt Ion:146 Resp: 12701
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
111 40.1 32.4 48.6

Manual Integrations
APPROVED

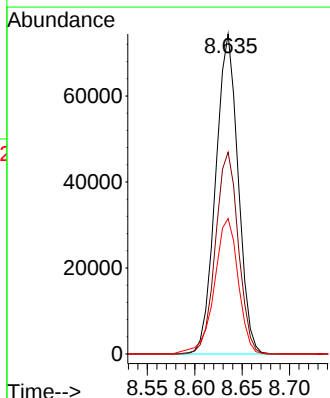
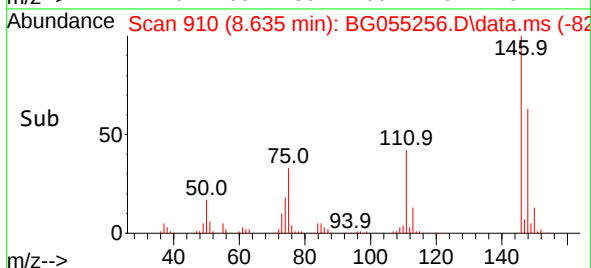
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

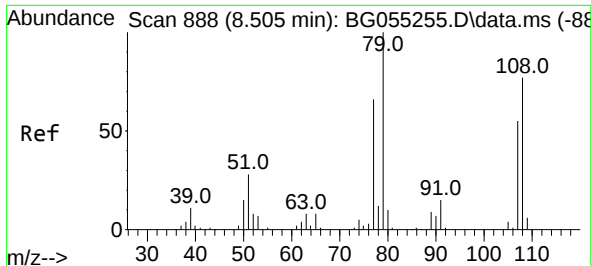


#14
1,2-Dichlorobenzene
Concen: 48.627 ng
RT: 8.635 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:146 Resp: 122809
Ion Ratio Lower Upper
146 100
148 63.0 53.4 80.0
111 42.3 34.0 51.0





#15
Benzyl Alcohol
Concen: 48.960 ng
RT: 8.506 min Scan# 888
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

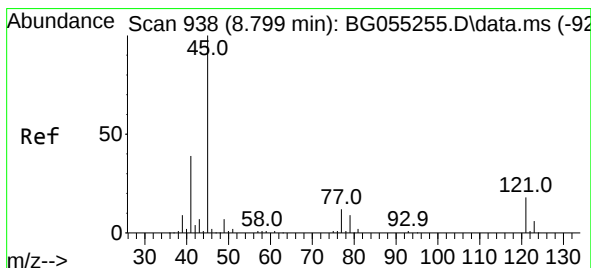
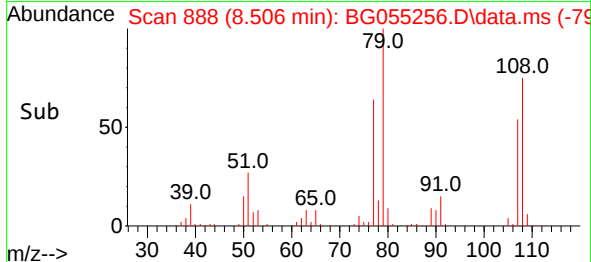
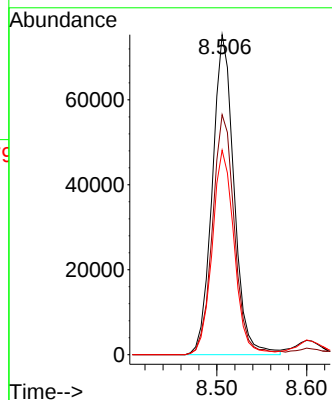
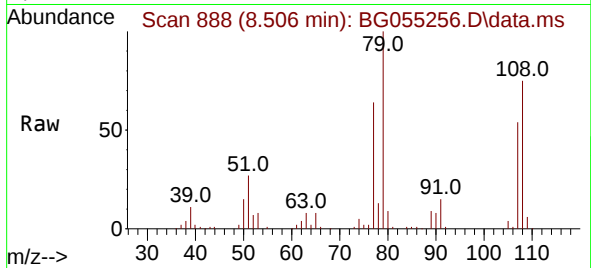
ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 126760
Ion Ratio Lower Upper
79 100
108 75.0 61.3 91.9
77 63.9 52.7 79.1

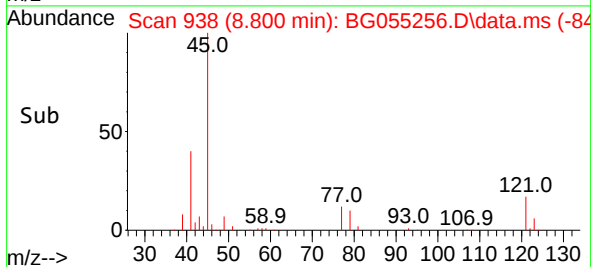
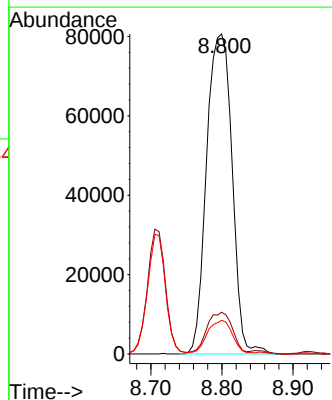
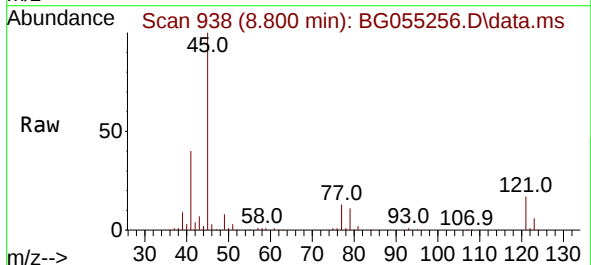
Manual Integrations
APPROVED

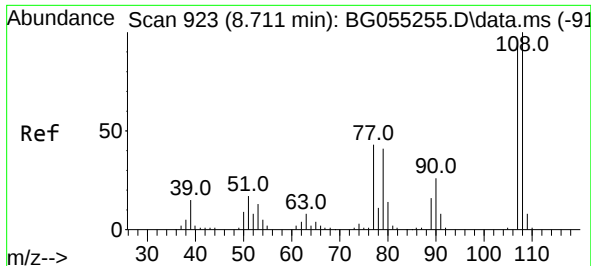
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.569 ng
RT: 8.800 min Scan# 938
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion: 45 Resp: 201178
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 10.5 0.0 29.6





#17

2-Methylphenol

Concen: 49.329 ng

RT: 8.706 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 11629

Ion Ratio Lower Upper

107 100

108 110.5 86.0 129.0

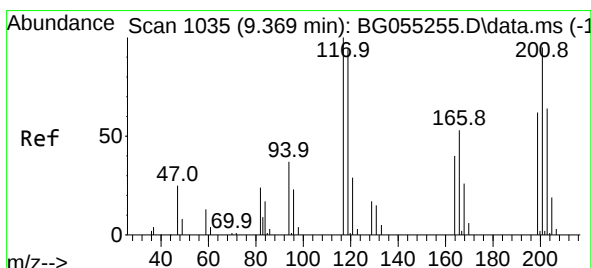
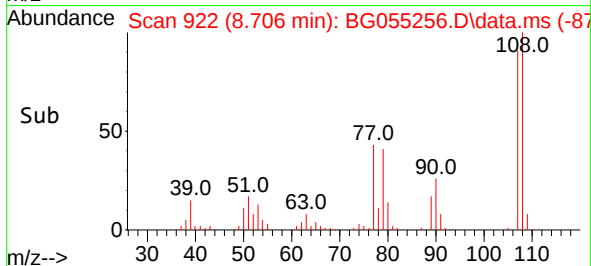
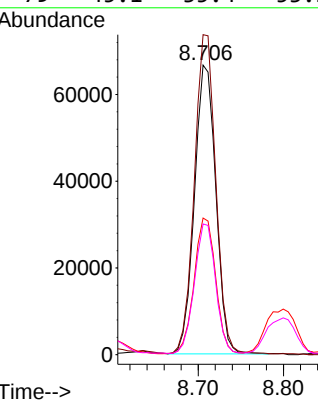
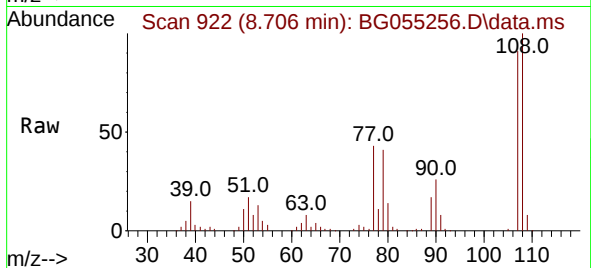
77 47.2 37.4 56.0

79 45.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#18

Hexachloroethane

Concen: 47.614 ng

RT: 9.370 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

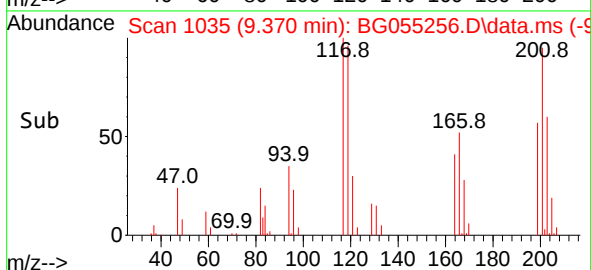
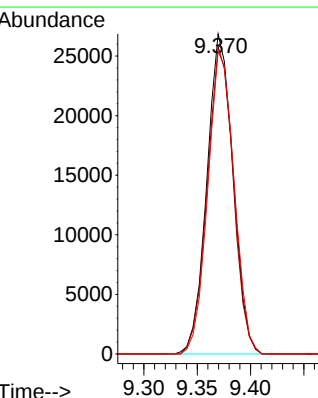
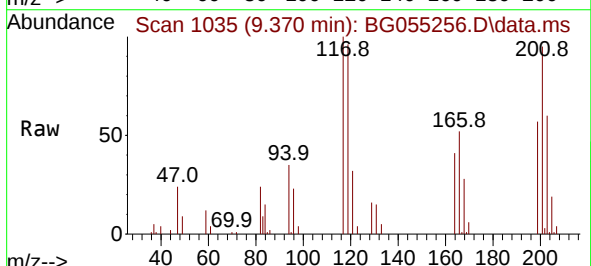
Tgt Ion:117 Resp: 45680

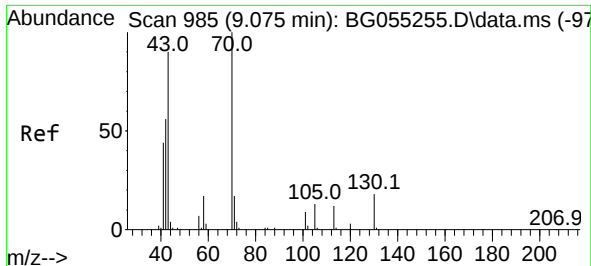
Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

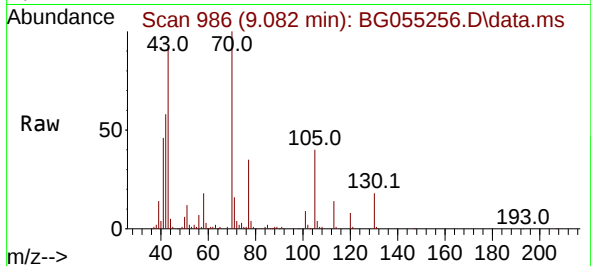
201 94.7 75.8 113.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.097 ng
RT: 9.082 min Scan# 986
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

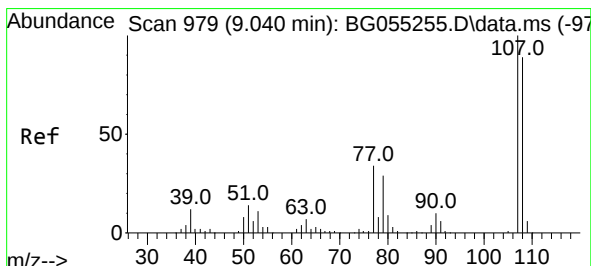
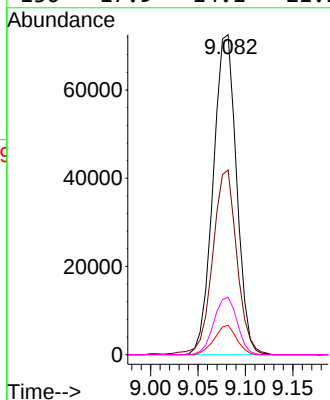
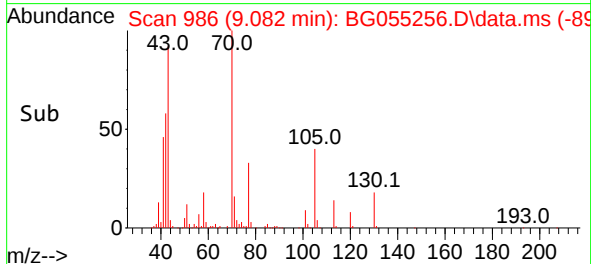
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 70 Resp: 124360
Ion Ratio Lower Upper
70 100
42 57.7 45.8 68.6
101 9.2 7.4 11.0
130 17.9 14.1 21.1

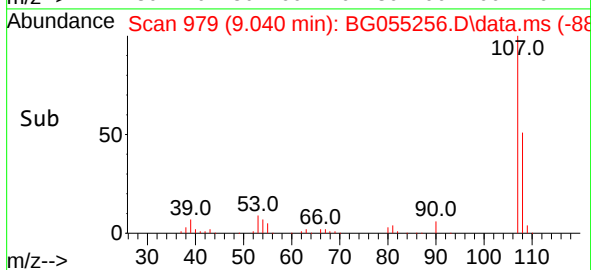
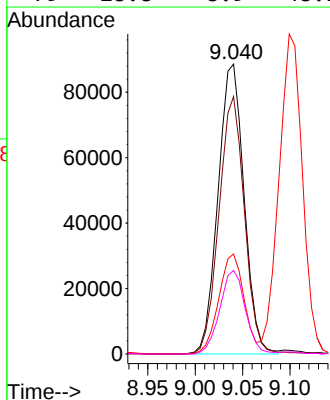
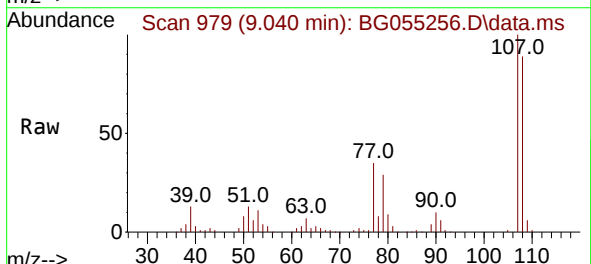
Manual Integrations
APPROVED

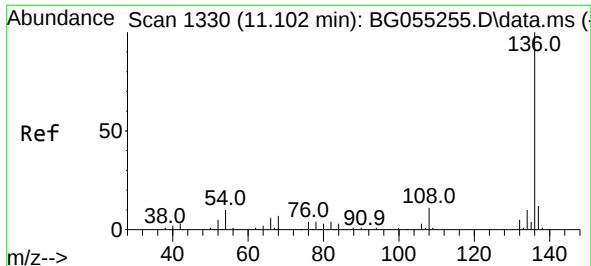
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#20
3+4-Methylphenols
Concen: 50.998 ng
RT: 9.040 min Scan# 979
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:107 Resp: 168984
Ion Ratio Lower Upper
107 100
108 88.8 68.5 108.5
77 34.5 14.0 54.0
79 28.8 8.9 48.9





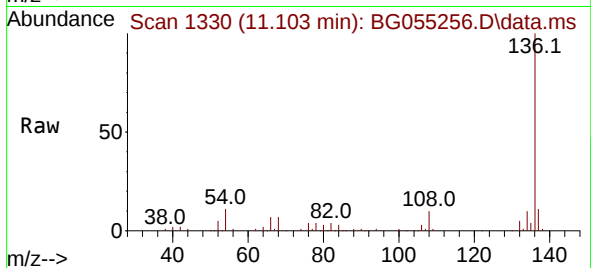
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

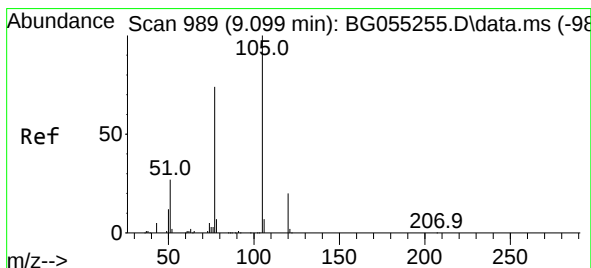
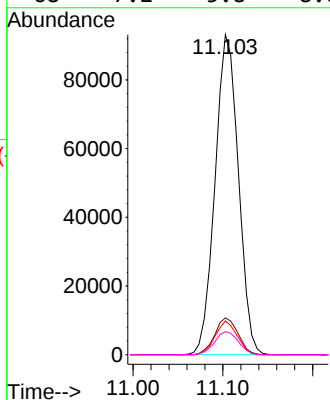
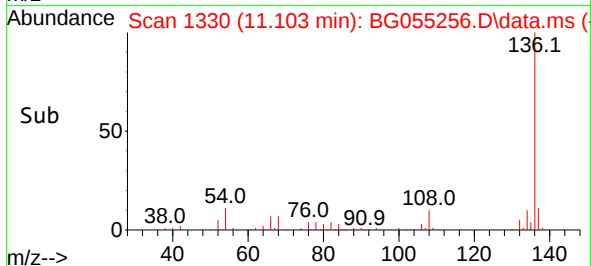


Tgt Ion:136 Resp: 16818
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 10.6 7.8 11.8
68 7.2 5.8 8.6

Manual Integrations

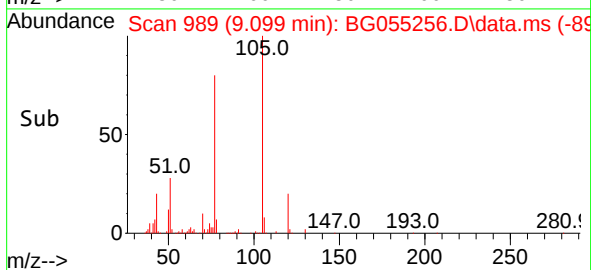
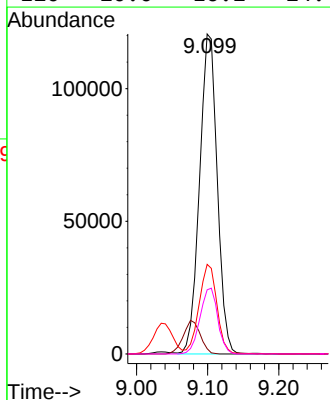
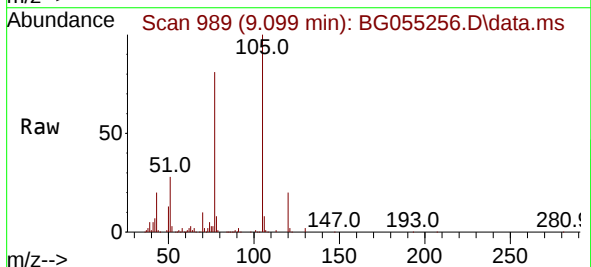
APPROVED

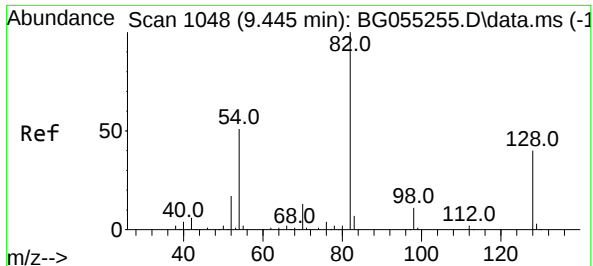
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Acetophenone
Concen: 45.996 ng
RT: 9.099 min Scan# 989
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:105 Resp: 209249
Ion Ratio Lower Upper
105 100
71 1.6 0.8 1.2#
51 28.0 22.9 34.3
120 20.0 16.2 24.4





#23
Nitrobenzene-d5
Concen: 92.755 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

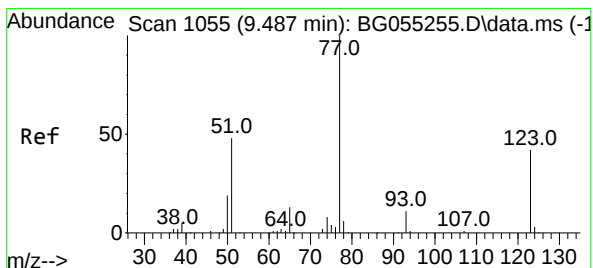
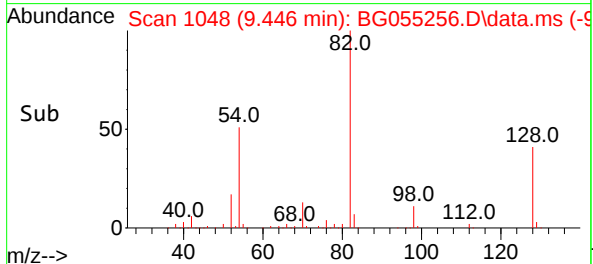
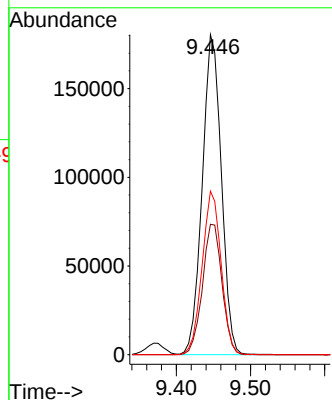
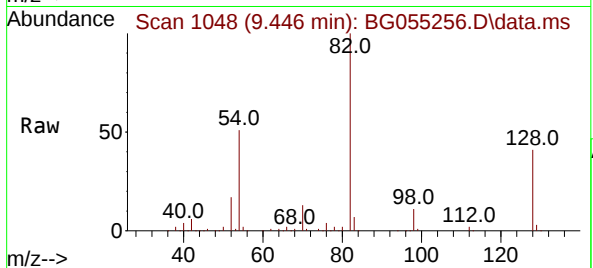
SSTDICC050

Tgt Ion: 82 Resp: 323129
Ion Ratio Lower Upper
82 100
128 40.7 32.0 48.0
54 51.1 40.9 61.3

Manual Integrations

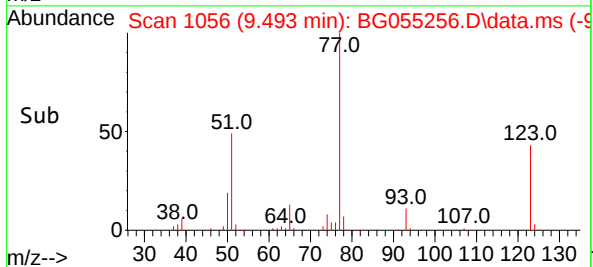
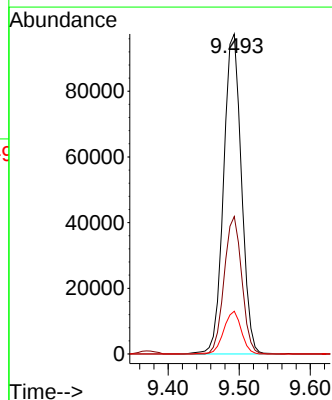
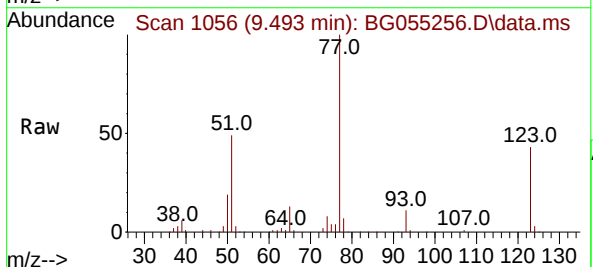
APPROVED

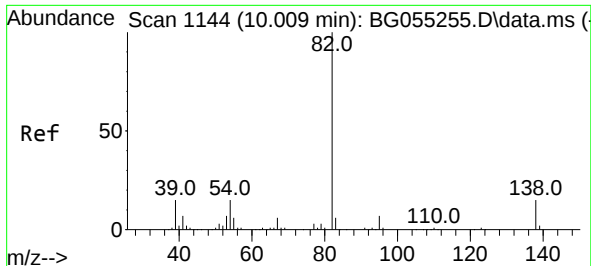
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Nitrobenzene
Concen: 45.433 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

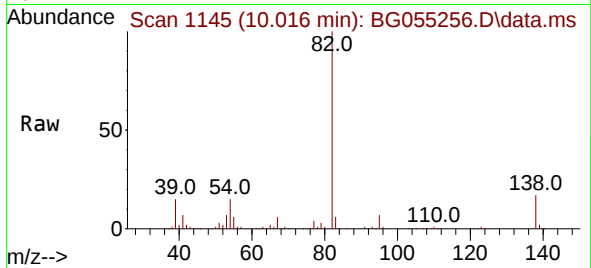
Tgt Ion: 77 Resp: 169244
Ion Ratio Lower Upper
77 100
123 42.9 33.6 50.4
65 13.3 10.2 15.4





#25
Isophorone
Concen: 45.910 ng
RT: 10.016 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

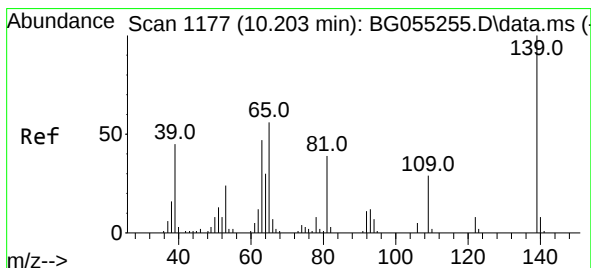
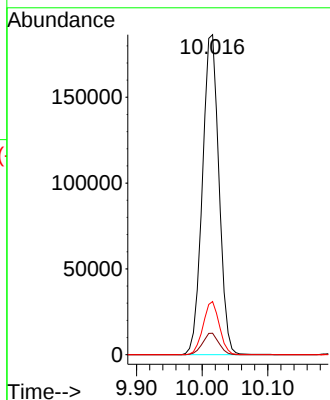
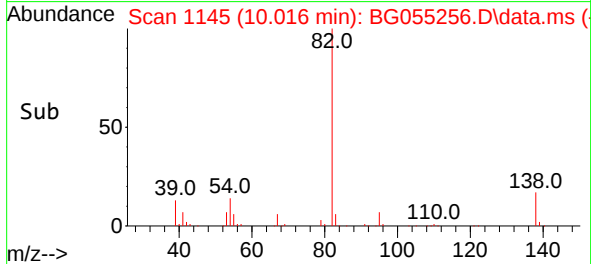
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 32722
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.6 12.2 18.4

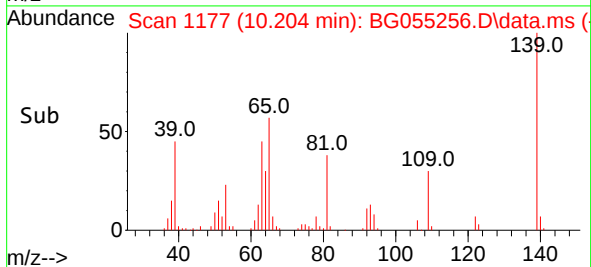
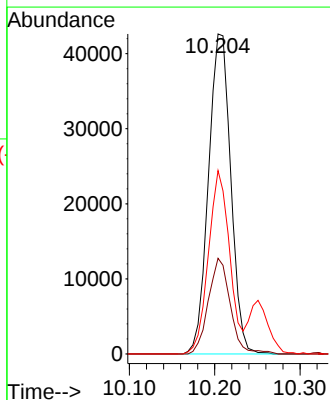
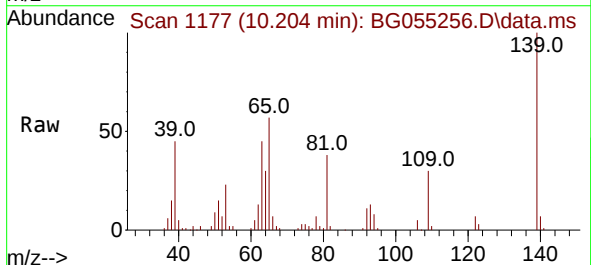
Manual Integrations
APPROVED

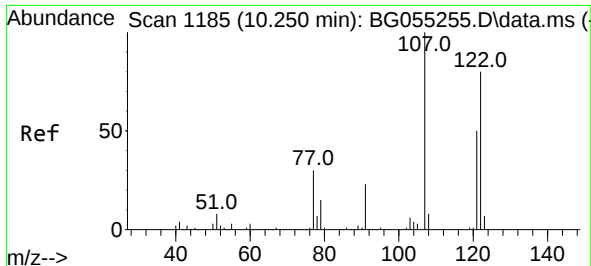
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
2-Nitrophenol
Concen: 52.860 ng
RT: 10.204 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:139 Resp: 77459
Ion Ratio Lower Upper
139 100
109 29.9 23.3 34.9
65 57.3 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 50.517 ng m

RT: 10.251 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BG055256.D

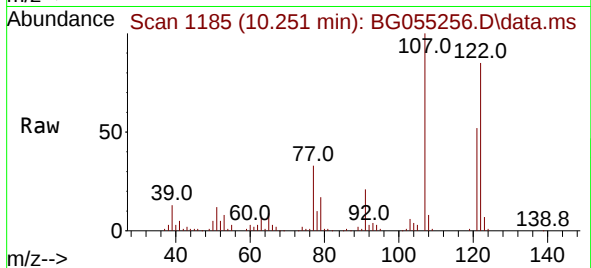
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 117884

Ion Ratio Lower Upper

122 100

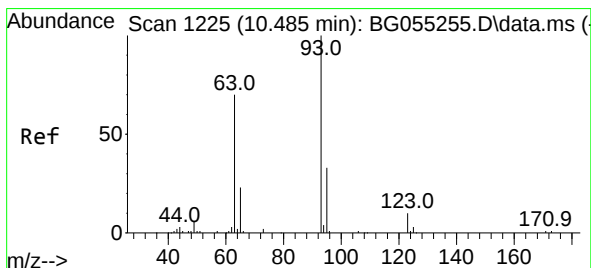
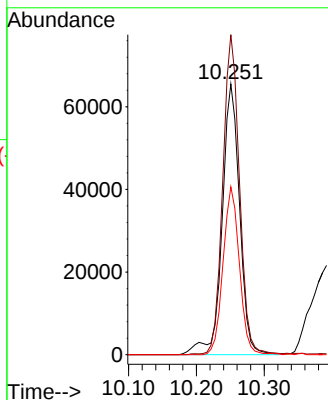
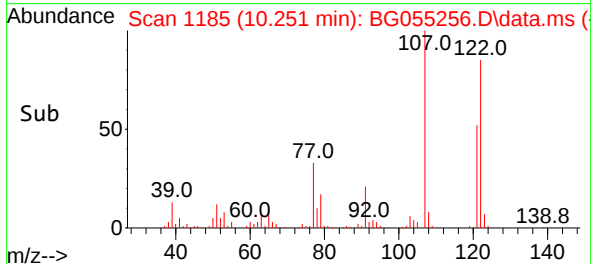
107 118.2 97.3 145.9

121 62.0 48.5 72.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.272 ng

RT: 10.486 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

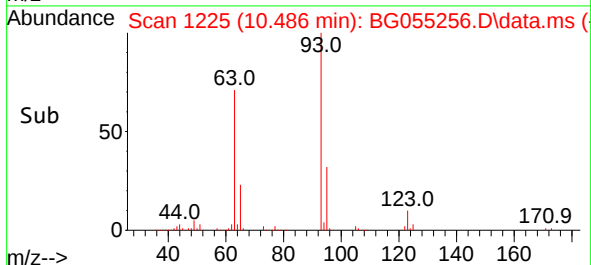
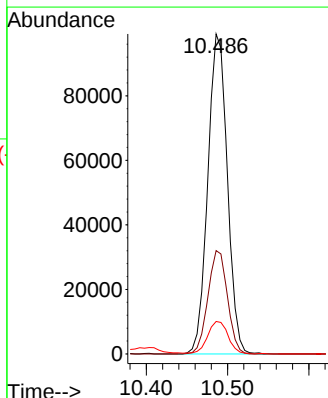
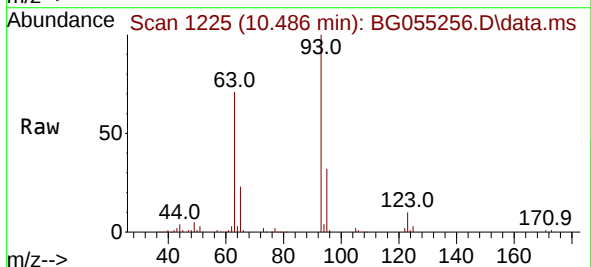
Tgt Ion: 93 Resp: 165329

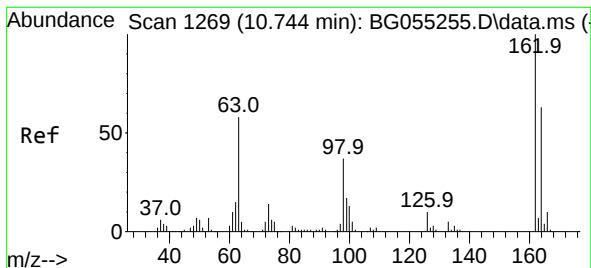
Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 10.2 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 51.305 ng

RT: 10.744 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

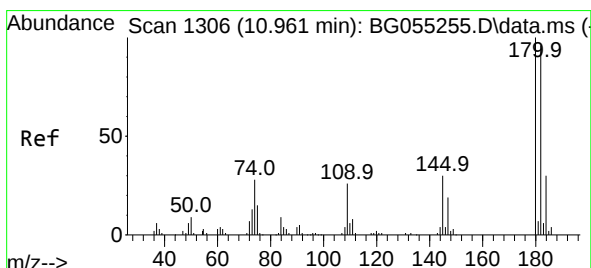
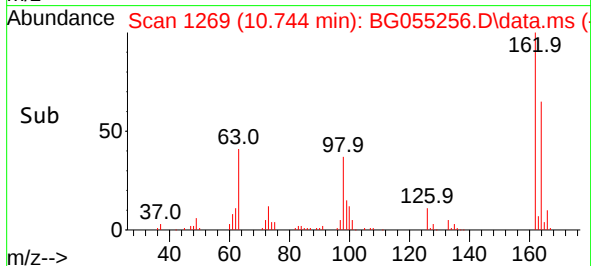
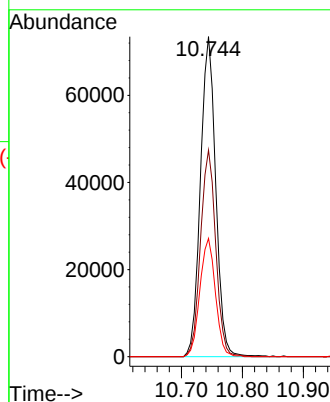
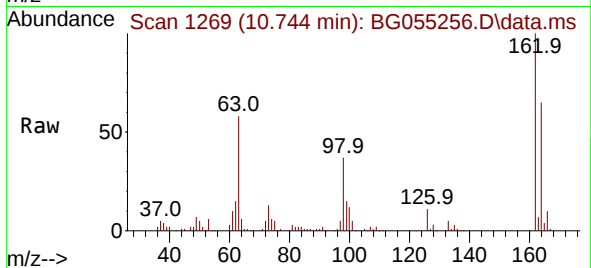
SSTDICC050

Tgt Ion:162 Resp: 12782
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.9 82.9
 98 36.9 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.564 ng

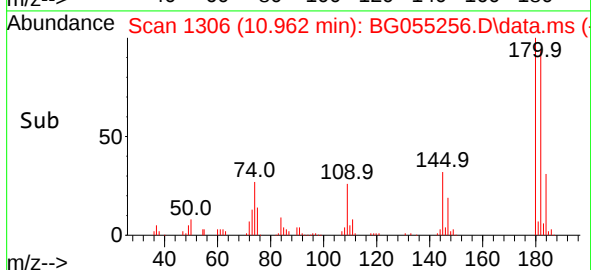
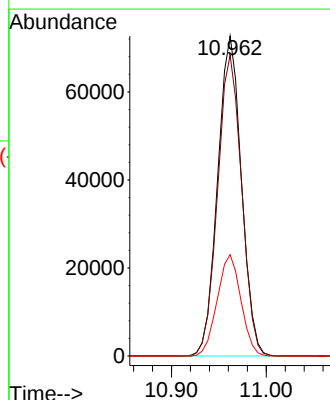
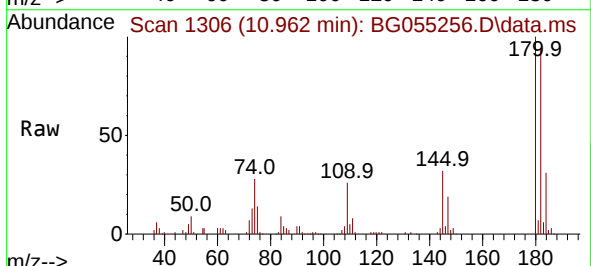
RT: 10.962 min Scan# 1306

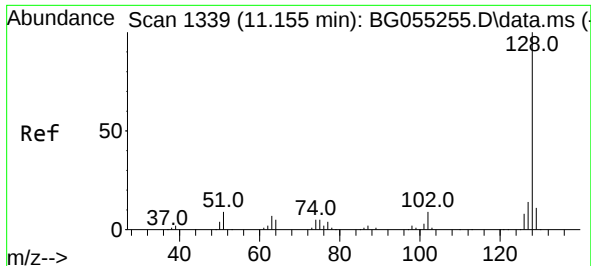
Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

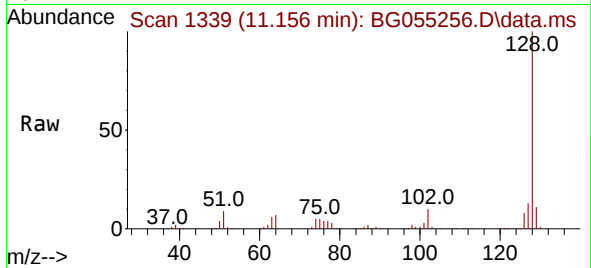
Tgt Ion:180 Resp: 126435
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.4 114.6
 145 31.7 24.4 36.6





#31
Naphthalene
Concen: 49.361 ng
RT: 11.156 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

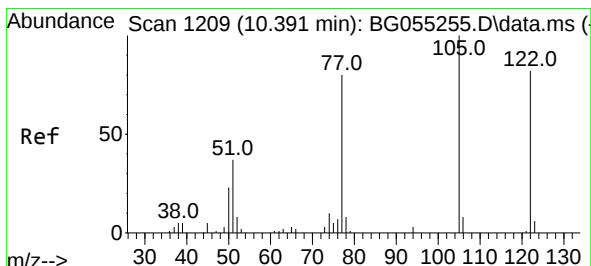
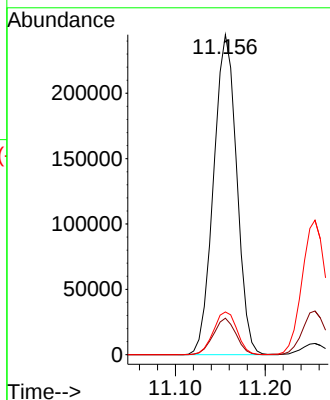
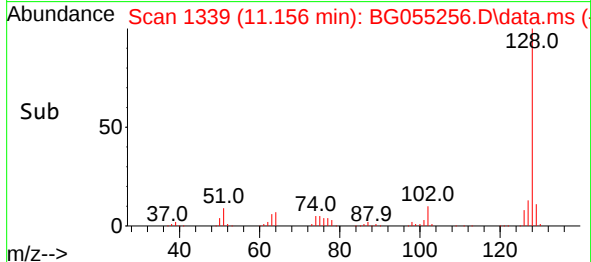
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 43805
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 11.1 16.7

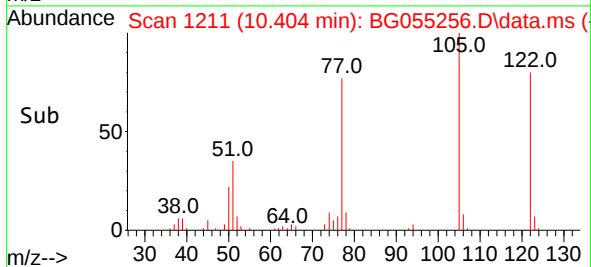
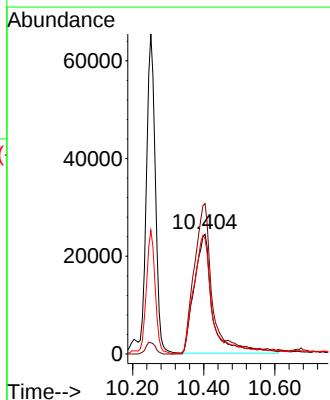
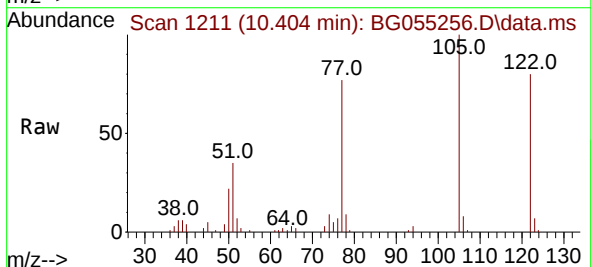
Manual Integrations
APPROVED

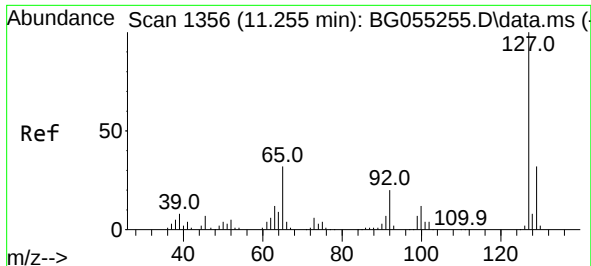
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#32
Benzoic acid
Concen: 52.234 ng
RT: 10.404 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:122 Resp: 87250
Ion Ratio Lower Upper
122 100
105 125.7 101.3 141.3
77 96.3 76.9 116.9





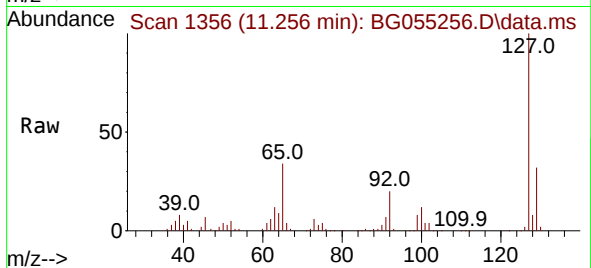
#33
4-Chloroaniline
Concen: 52.270 ng
RT: 11.256 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

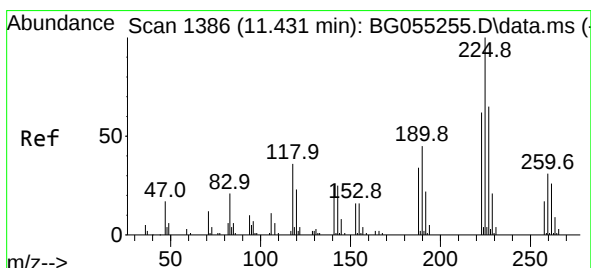
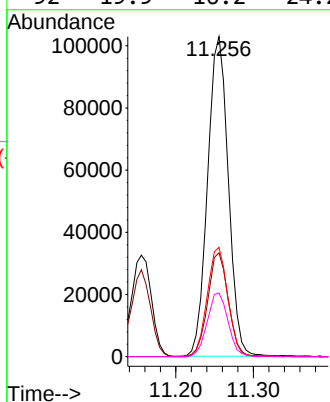
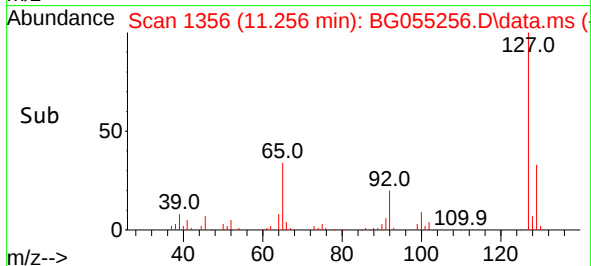


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	34.1	25.5	38.3
92	19.9	16.2	24.2

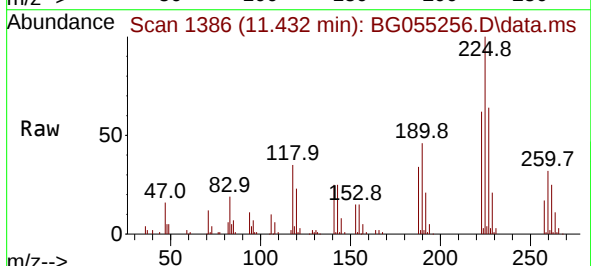
Manual Integrations

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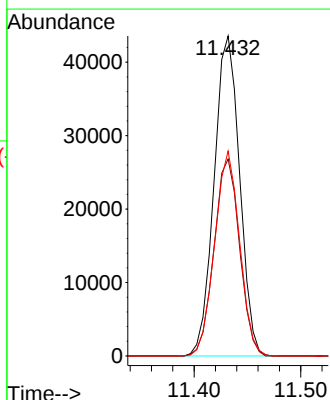
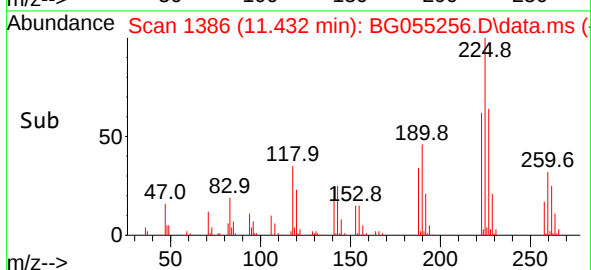
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

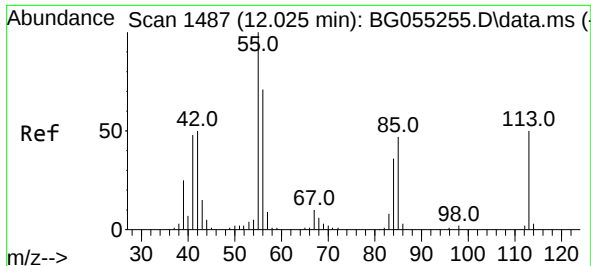


#34
Hexachlorobutadiene
Concen: 46.931 ng
RT: 11.432 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



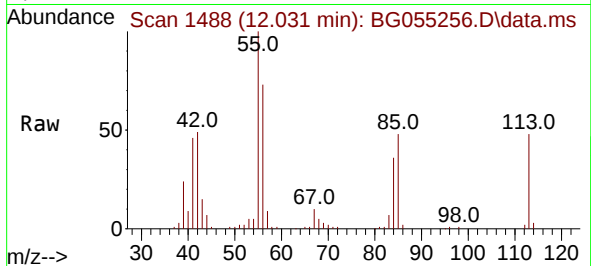
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.2
227	64.0	52.4	78.6





#35
Caprolactam
Concen: 50.172 ng
RT: 12.031 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

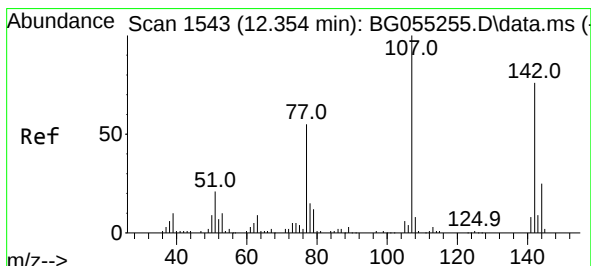
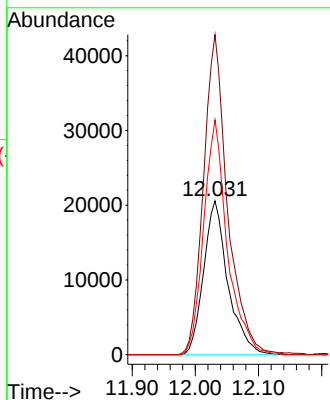
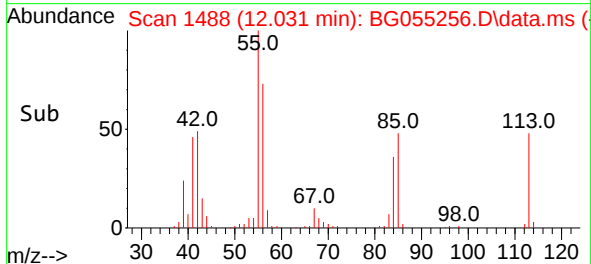
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 54934
Ion Ratio Lower Upper
113 100
55 208.1 178.2 218.2
56 152.8 121.0 161.0

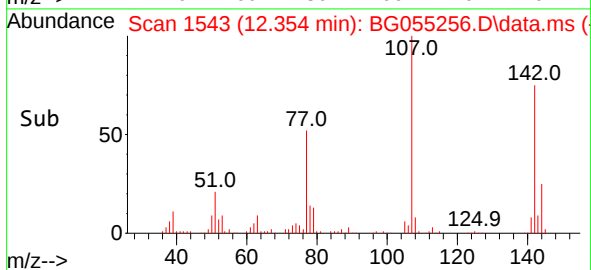
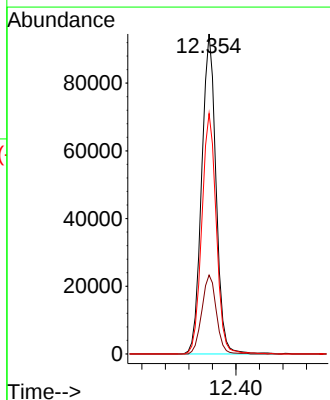
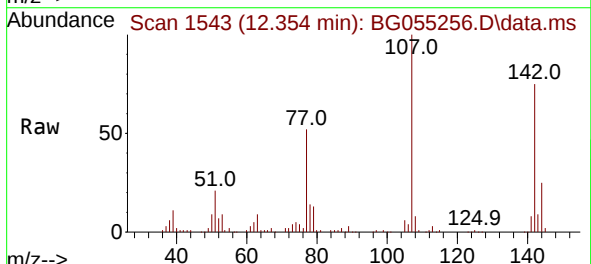
Manual Integrations
APPROVED

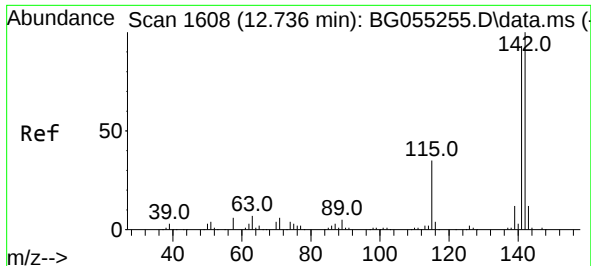
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#36
4-Chloro-3-methylphenol
Concen: 49.421 ng
RT: 12.354 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

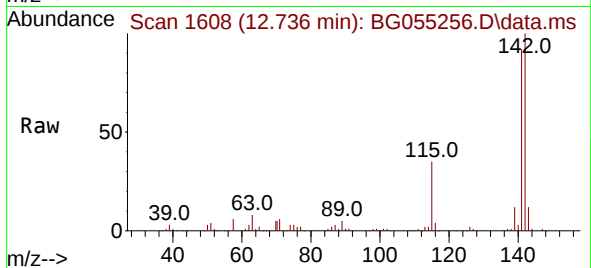
Tgt Ion:107 Resp: 160107
Ion Ratio Lower Upper
107 100
144 24.6 20.3 30.5
142 75.1 60.5 90.7





#37
2-Methylnaphthalene
Concen: 47.680 ng
RT: 12.736 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

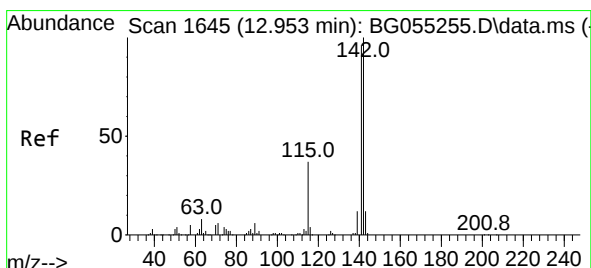
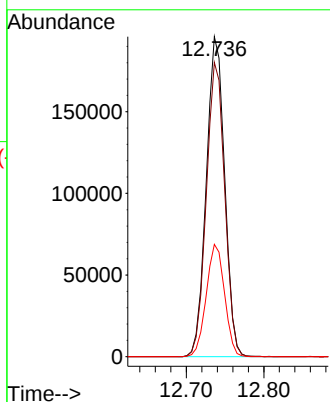
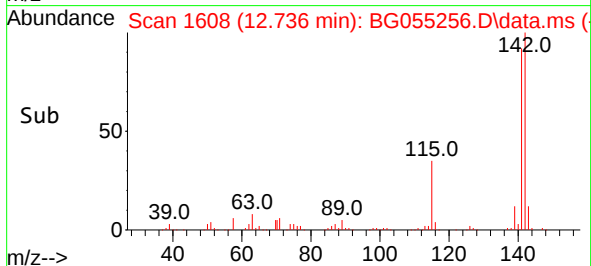
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



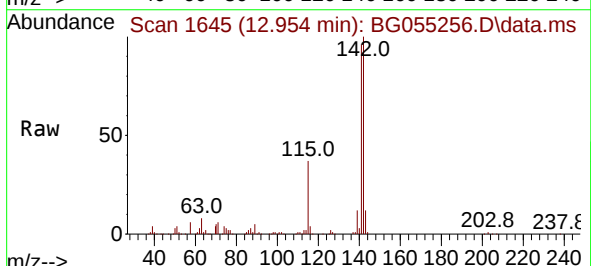
Tgt Ion:142 Resp: 321850
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0
115 35.1 28.3 42.5

Manual Integrations
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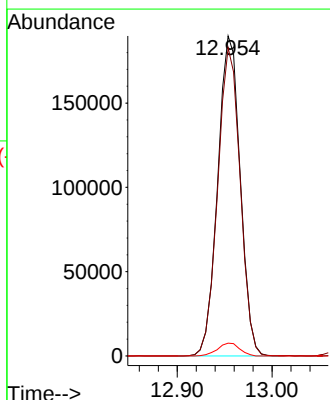
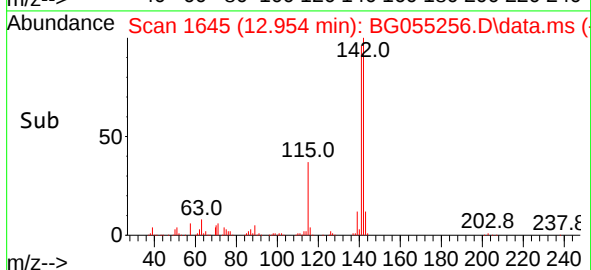
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

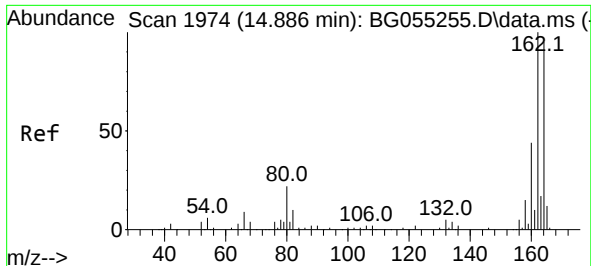


#38
1-Methylnaphthalene
Concen: 47.012 ng
RT: 12.954 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:142 Resp: 313285
Ion Ratio Lower Upper
142 100
141 96.3 77.1 115.7
116 4.0 3.0 4.6





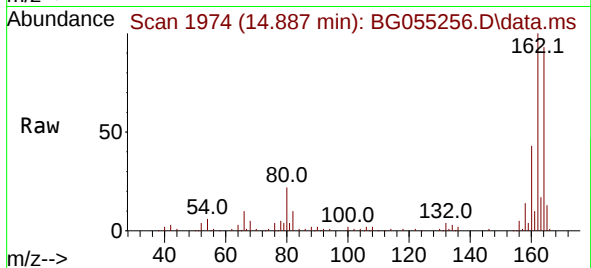
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

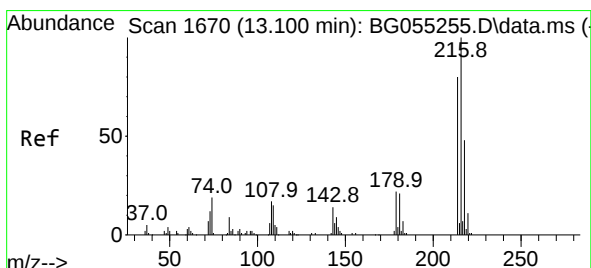
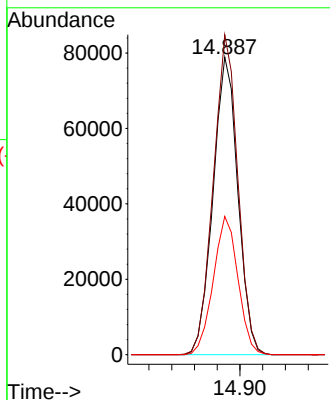
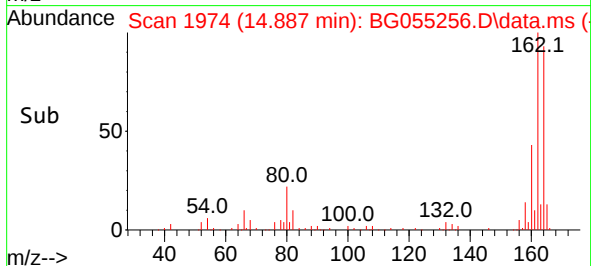


Tgt Ion:164 Resp: 11976
Ion Ratio Lower Upper
164 100
162 107.5 84.0 126.0
160 46.4 36.7 55.1

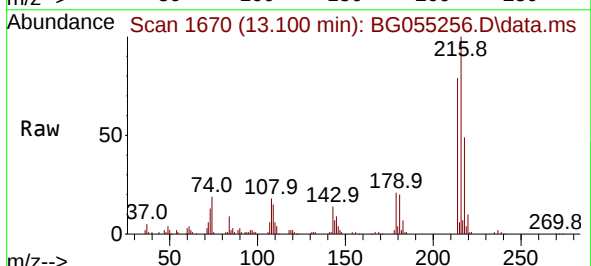
Manual Integrations

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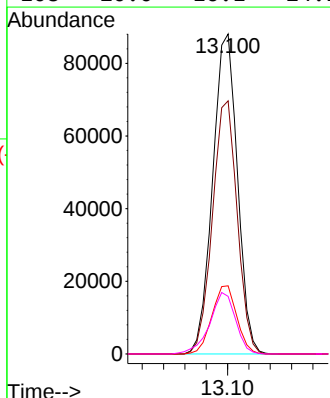
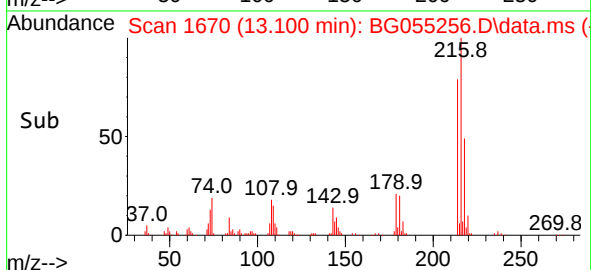
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

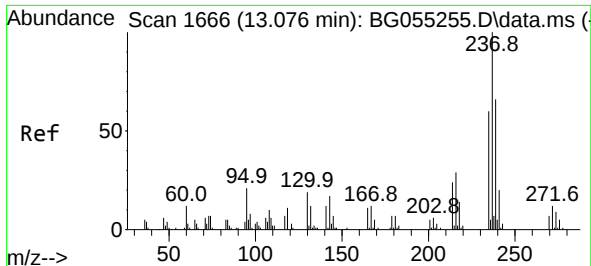


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.359 ng
RT: 13.100 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:216 Resp: 141769
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 21.5 17.2 25.8
108 20.0 16.1 24.1





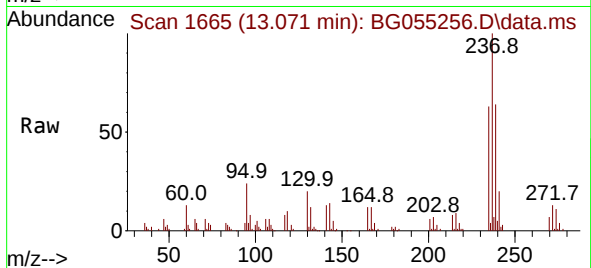
#41
Hexachlorocyclopentadiene
Concen: 50.729 ng
RT: 13.071 min Scan# 1665
Delta R.T. -0.005 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

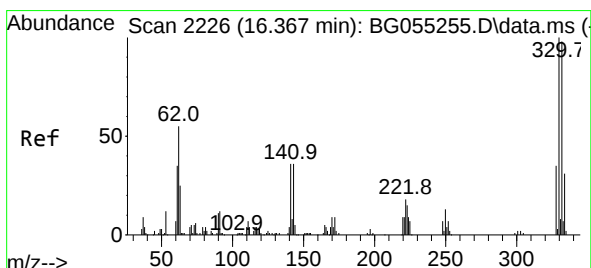
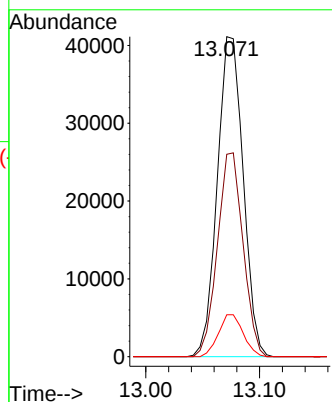
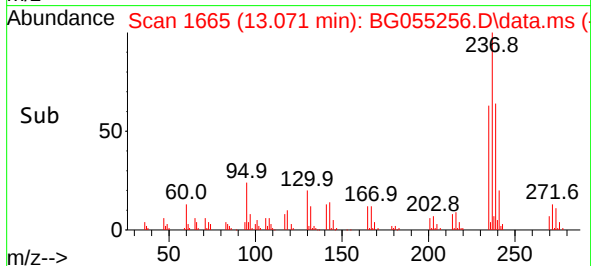


Tgt Ion:237 Resp: 6503
Ion Ratio Lower Upper
237 100
235 63.3 40.4 80.4
272 13.1 0.0 31.7

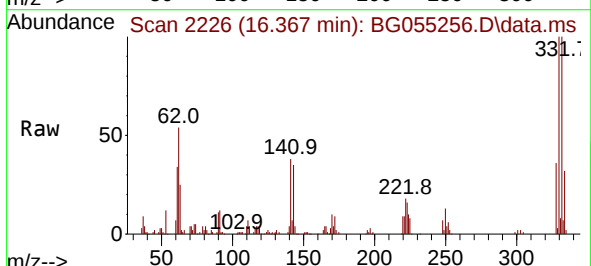
Manual Integrations

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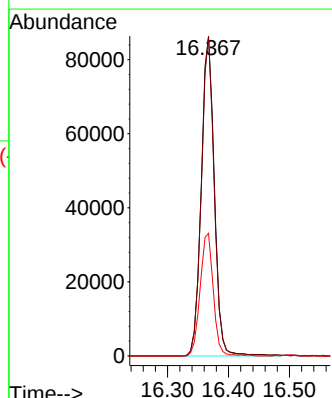
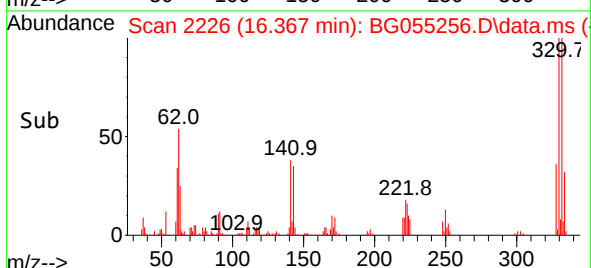
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

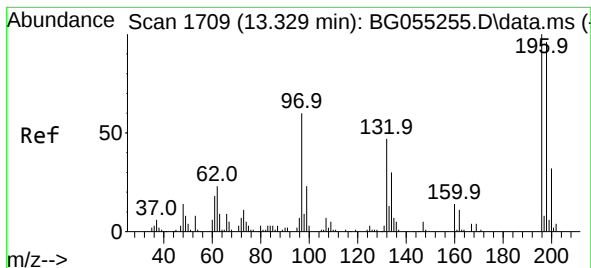


#42
2,4,6-Tribromophenol
Concen: 103.999 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



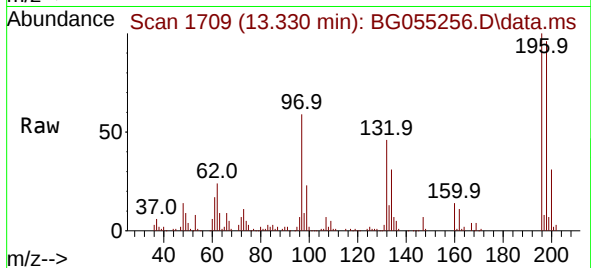
Tgt Ion:330 Resp: 129066
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.0
141 38.6 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 49.670 ng
RT: 13.330 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

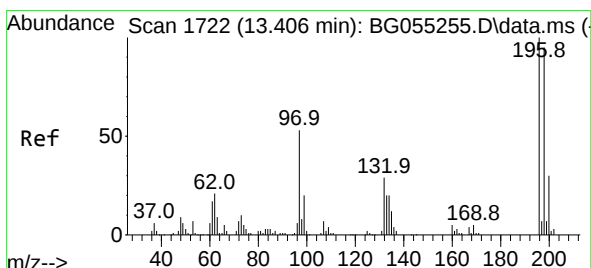
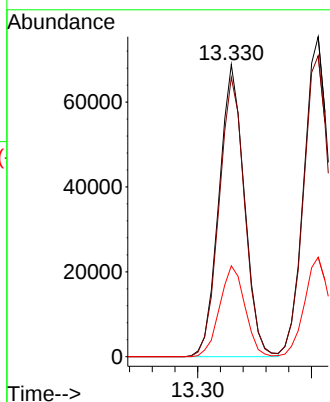
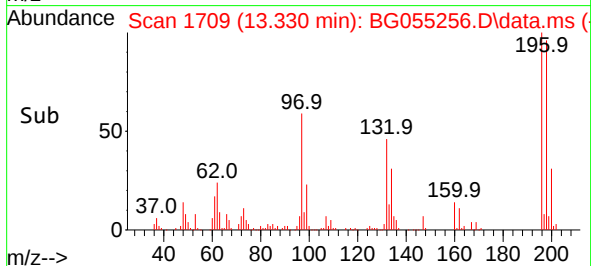
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



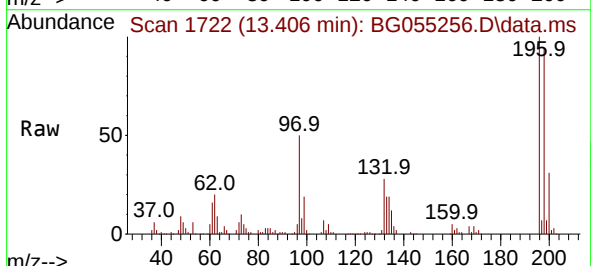
Tgt Ion:196 Resp: 10642
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 31.1 25.8 38.8

Manual Integrations
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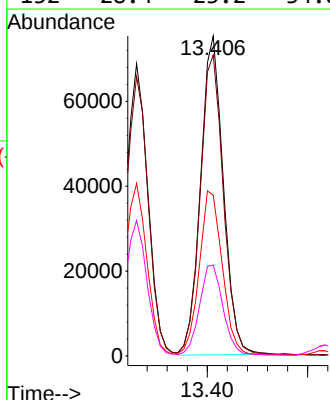
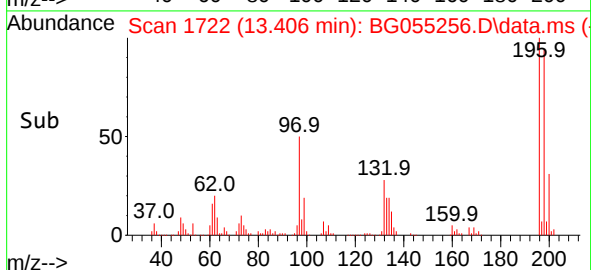
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

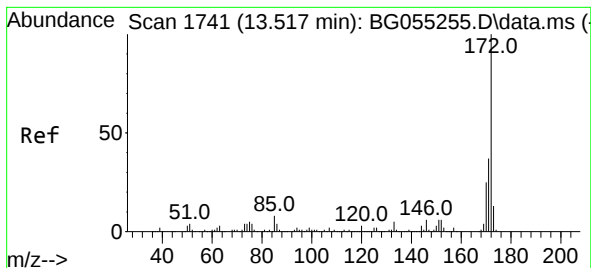


#44
2,4,5-Trichlorophenol
Concen: 50.596 ng
RT: 13.406 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:196 Resp: 118934
Ion Ratio Lower Upper
196 100
198 94.0 76.2 114.2
97 50.3 42.3 63.5
132 28.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.584 ng

RT: 13.518 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 69420

Ion Ratio Lower Upper

172 100

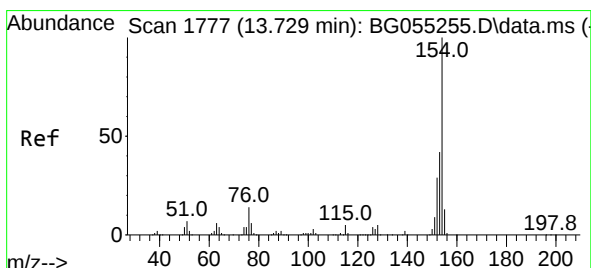
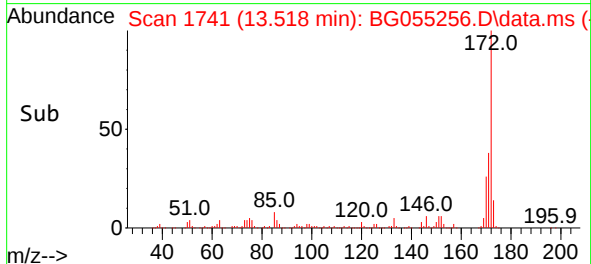
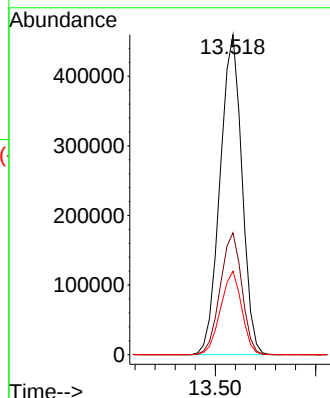
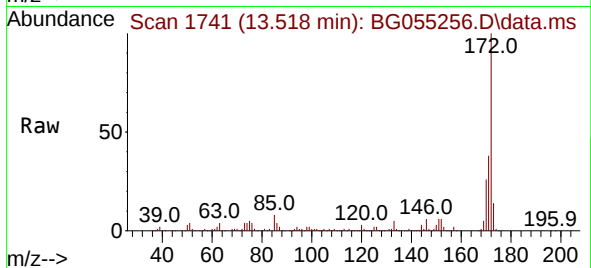
171 38.1 29.7 44.5

170 26.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#46

1,1'-Biphenyl

Concen: 47.440 ng

RT: 13.729 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

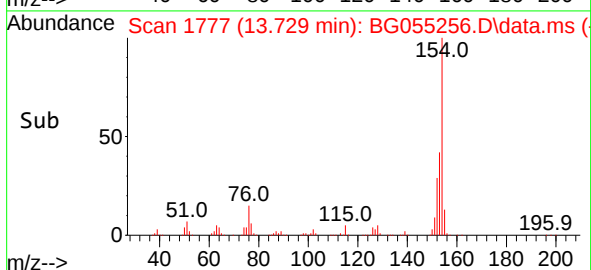
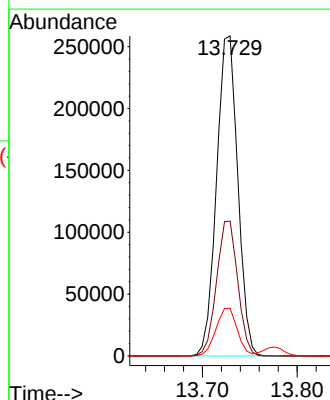
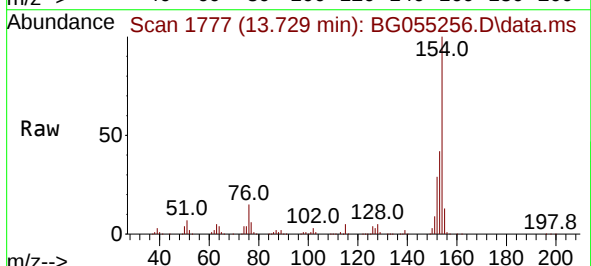
Tgt Ion:154 Resp: 402316

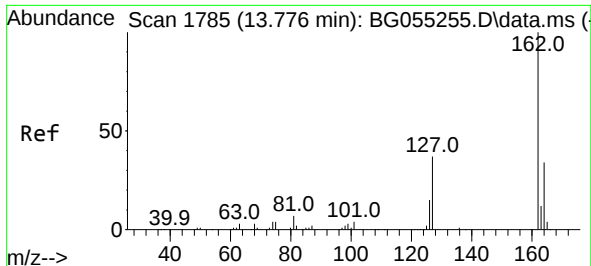
Ion Ratio Lower Upper

154 100

153 42.1 21.5 61.5

76 14.9 0.0 34.2





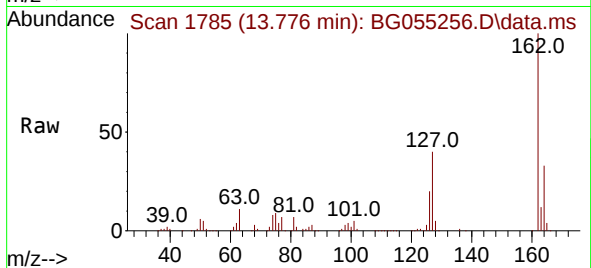
#47
2-Chloronaphthalene
Concen: 48.504 ng
RT: 13.776 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

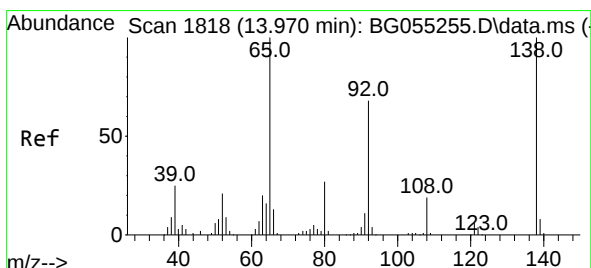
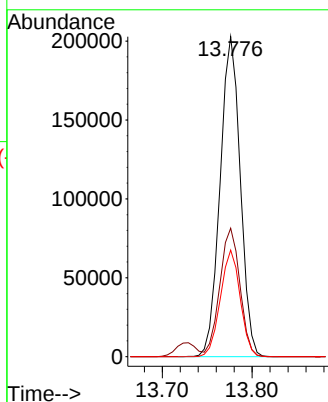
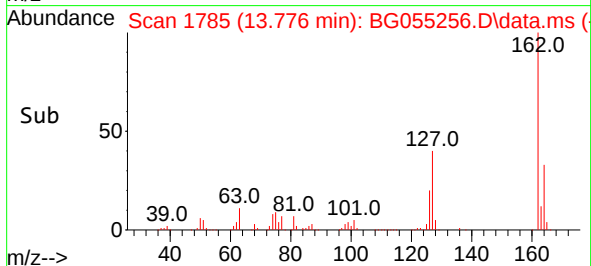


Tgt Ion:162 Resp: 31668
Ion Ratio Lower Upper
162 100
127 40.2 33.0 49.6
164 33.3 27.0 40.4

Manual Integrations

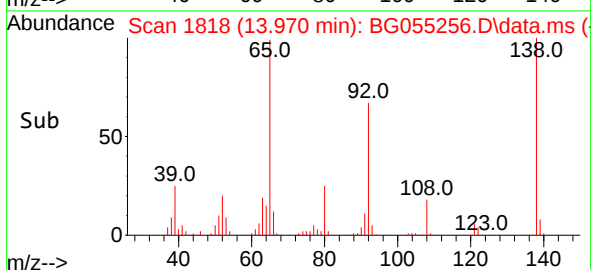
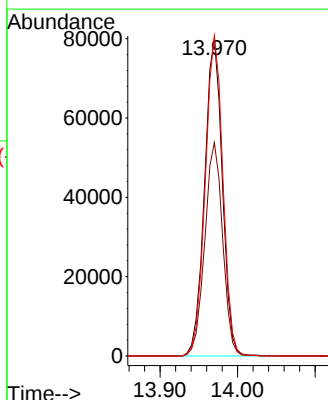
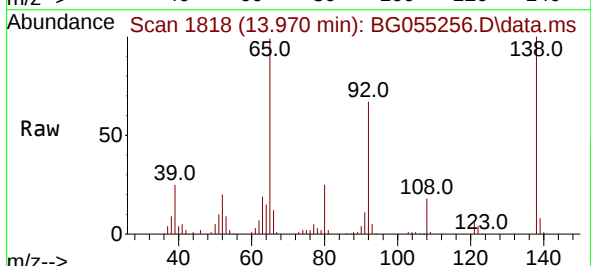
APPROVED

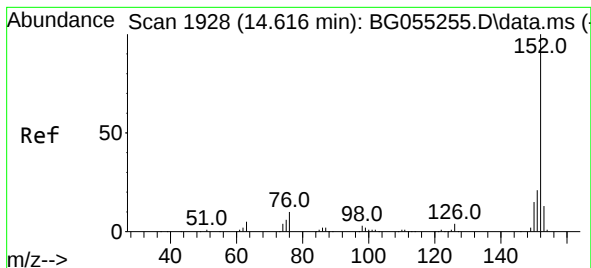
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#48
2-Nitroaniline
Concen: 47.967 ng
RT: 13.970 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion: 65 Resp: 127093
Ion Ratio Lower Upper
65 100
92 67.2 54.6 82.0
138 100.8 80.2 120.4





#49

Acenaphthylene

Concen: 48.482 ng

RT: 14.616 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BG055256.D

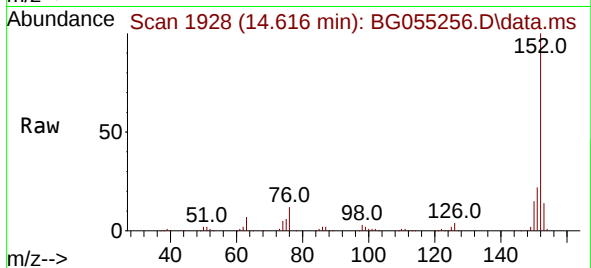
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

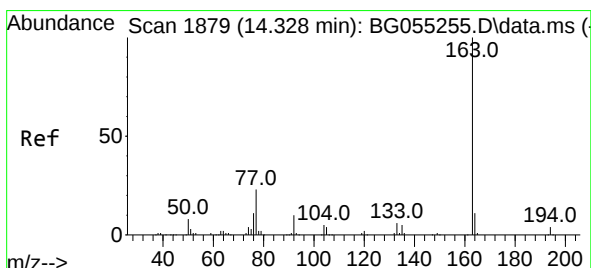
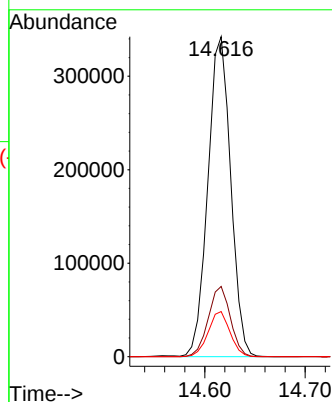
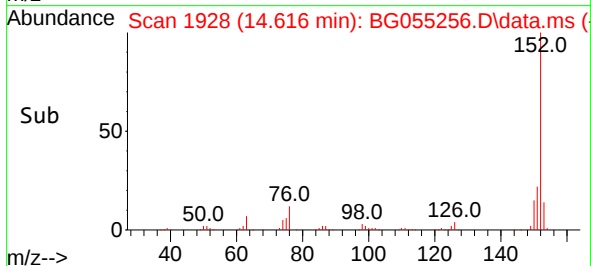


Tgt Ion:	152	Resp:	54150
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.6	25.0
153	14.1	10.5	15.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#50

Dimethylphthalate

Concen: 47.114 ng

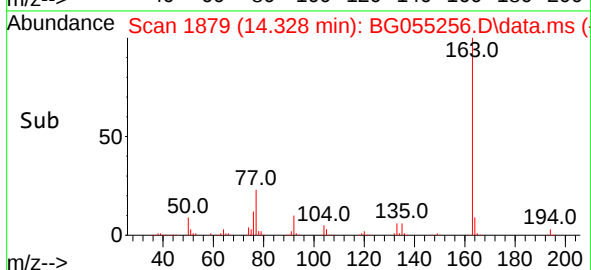
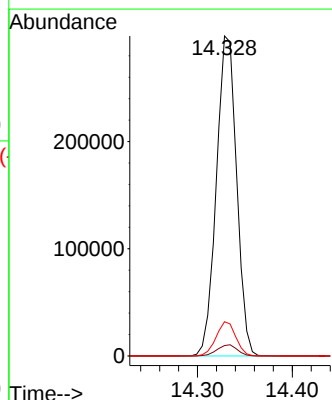
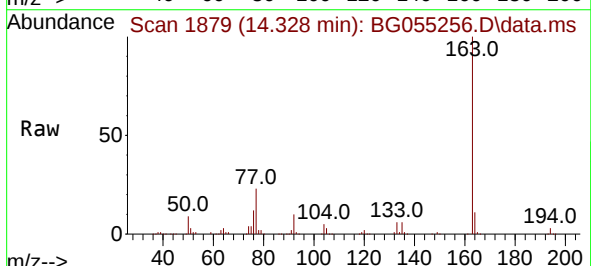
RT: 14.328 min Scan# 1879

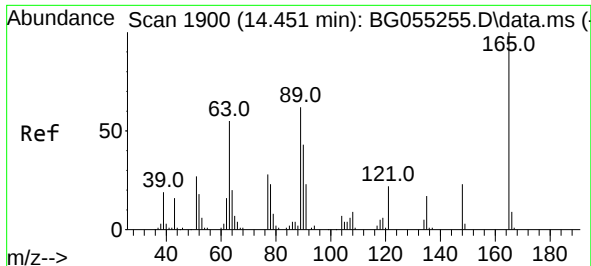
Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Tgt Ion:	163	Resp:	443844
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	10.7	8.4	12.6





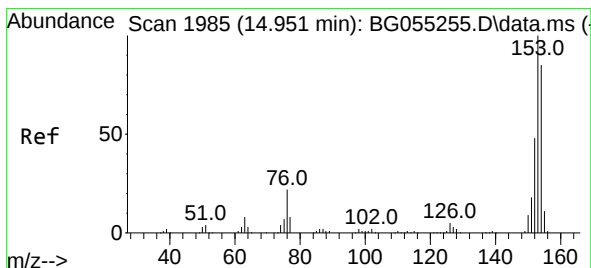
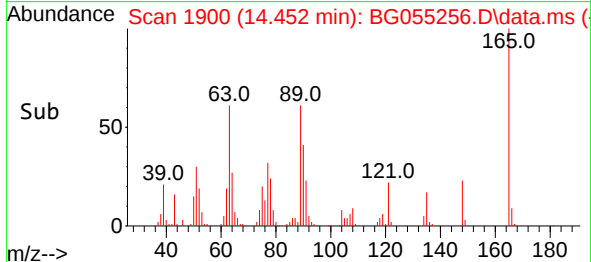
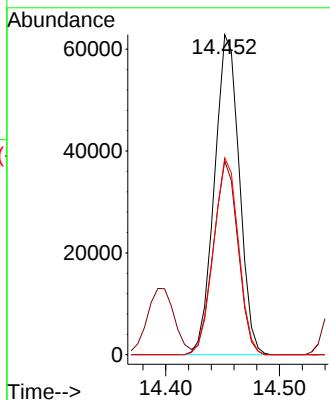
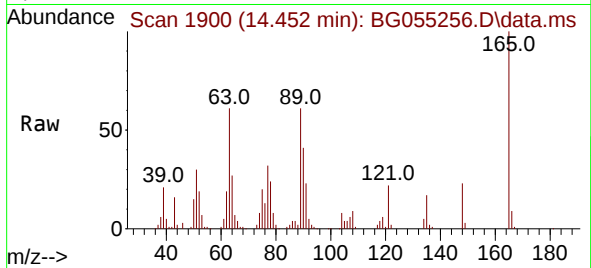
#51
2,6-Dinitrotoluene
Concen: 50.432 ng
RT: 14.452 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 95330
Ion Ratio Lower Upper
165 100
63 60.5 49.2 73.8
89 61.5 49.9 74.9

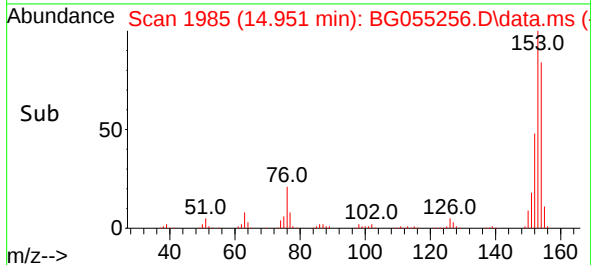
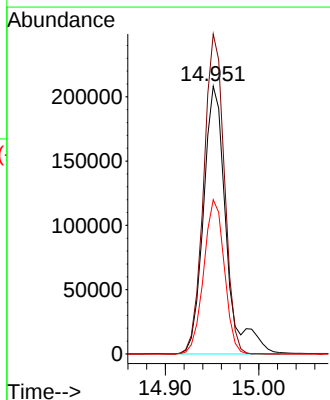
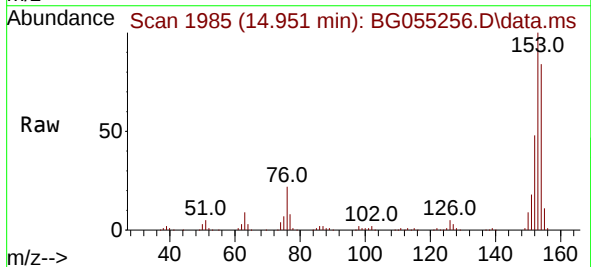
Manual Integrations
APPROVED

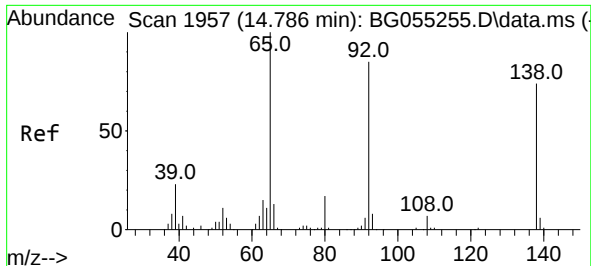
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#52
Acenaphthene
Concen: 49.436 ng m
RT: 14.951 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

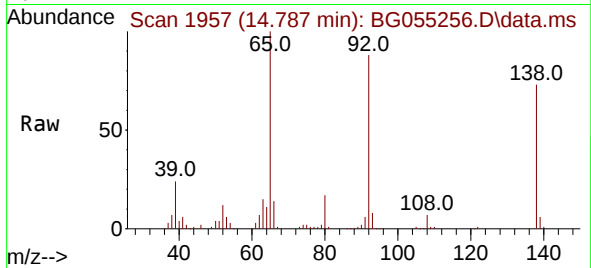
Tgt Ion:154 Resp: 351556
Ion Ratio Lower Upper
154 100
153 119.4 94.3 141.5
152 57.6 45.3 67.9





#53
3-Nitroaniline
Concen: 50.144 ng
RT: 14.787 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

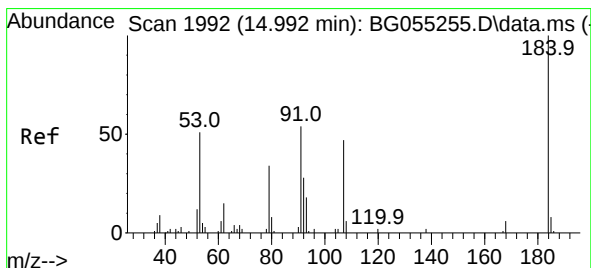
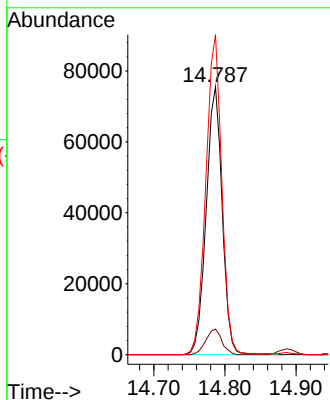
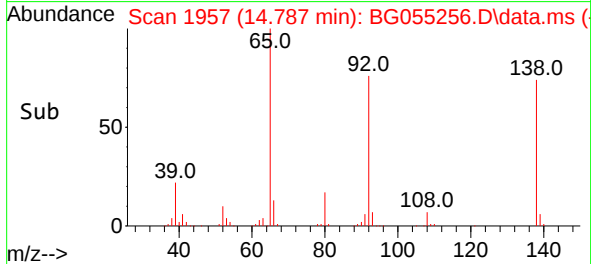
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



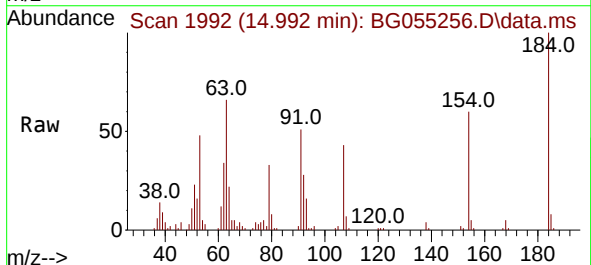
Tgt Ion:138 Resp: 118070
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 119.4 91.8 137.8

Manual Integrations
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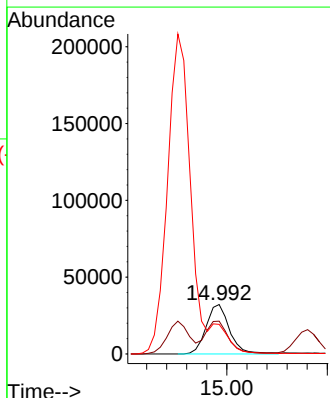
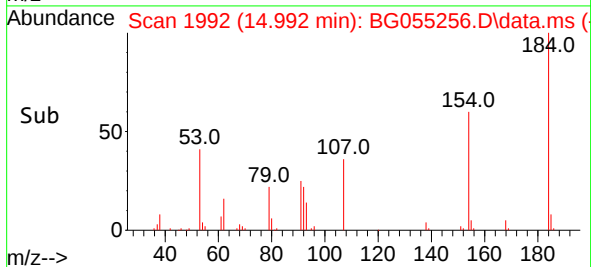
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

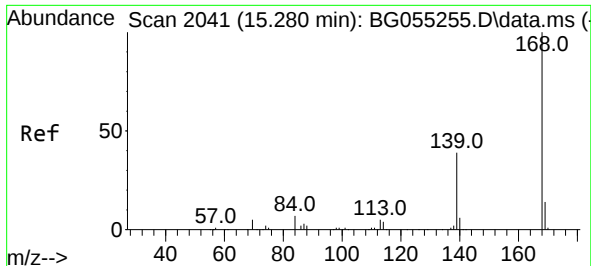


#54
2,4-Dinitrophenol
Concen: 54.754 ng
RT: 14.992 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:184 Resp: 52178
Ion Ratio Lower Upper
184 100
63 66.5 55.7 83.5
154 59.8 49.4 74.0





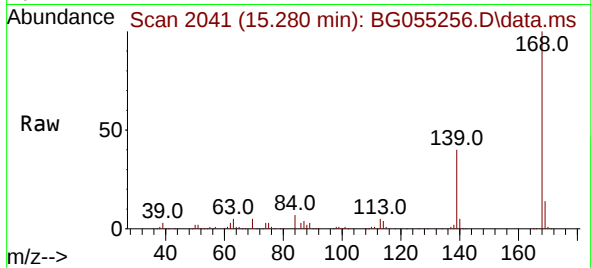
#55
Dibenzofuran
Concen: 50.272 ng
RT: 15.280 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

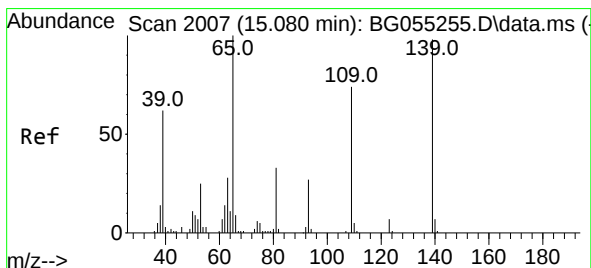
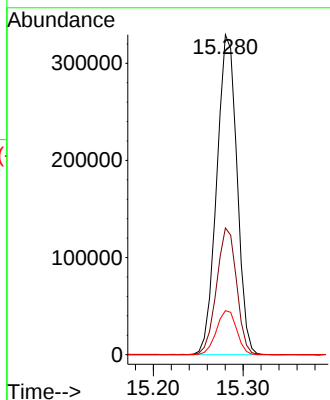
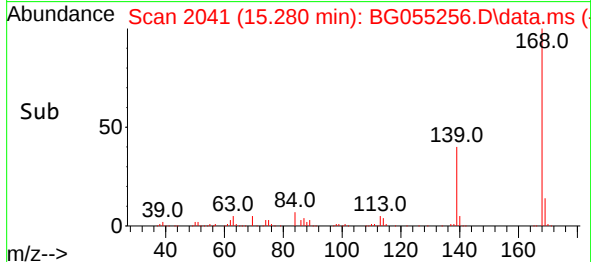


Tgt Ion:168 Resp: 514954
Ion Ratio Lower Upper
168 100
139 39.6 31.6 47.4
169 13.8 11.0 16.4

Manual Integrations

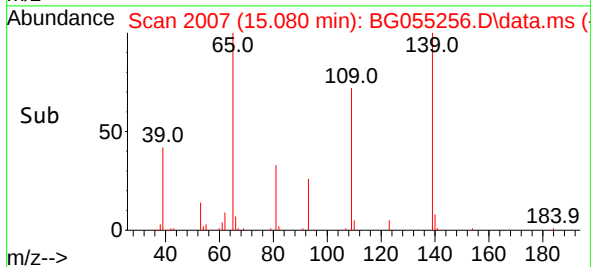
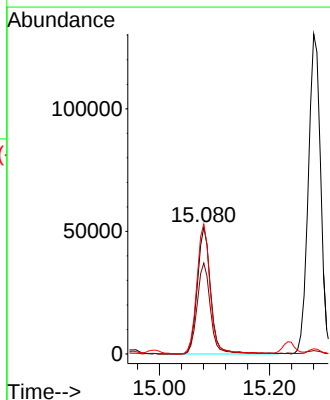
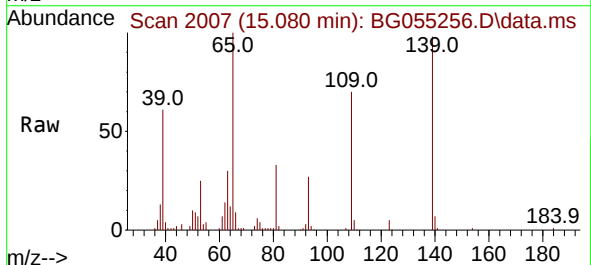
APPROVED

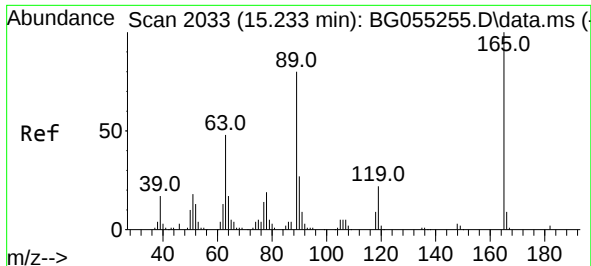
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#56
4-Nitrophenol
Concen: 52.726 ng
RT: 15.080 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:139 Resp: 87294
Ion Ratio Lower Upper
139 100
109 71.6 55.4 95.4
65 102.5 81.6 121.6





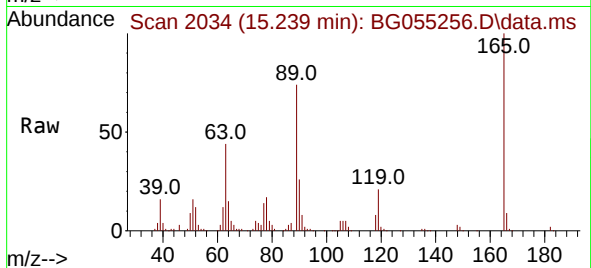
#57
2,4-Dinitrotoluene
Concen: 52.140 ng
RT: 15.239 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

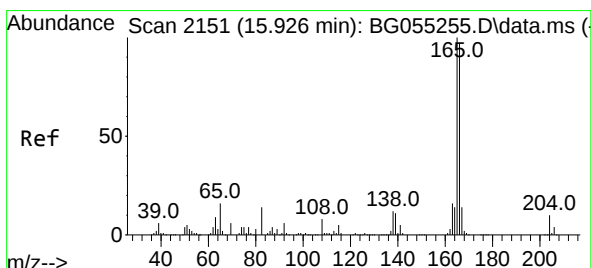
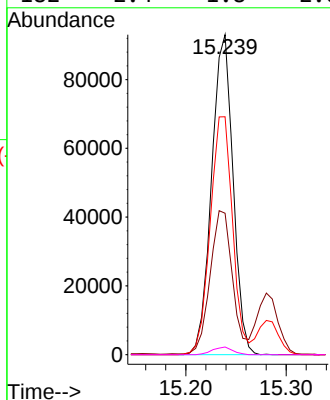
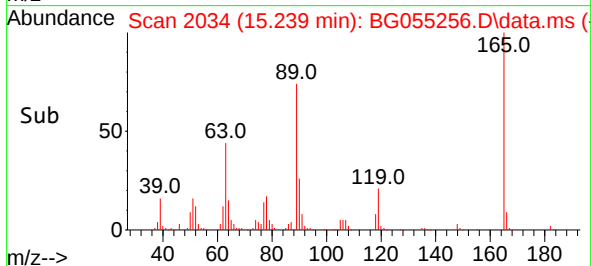


Tgt Ion:165 Resp: 13781
Ion Ratio Lower Upper
165 100
63 44.2 38.9 58.3
89 74.3 64.2 96.4
182 2.4 1.8 2.6

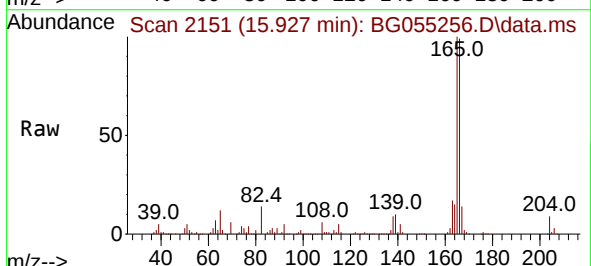
Manual Integrations

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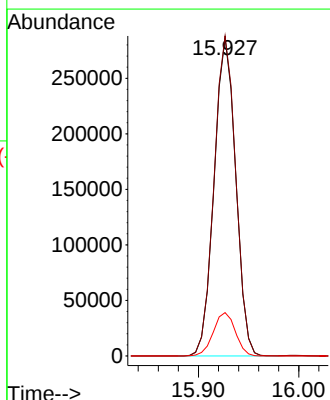
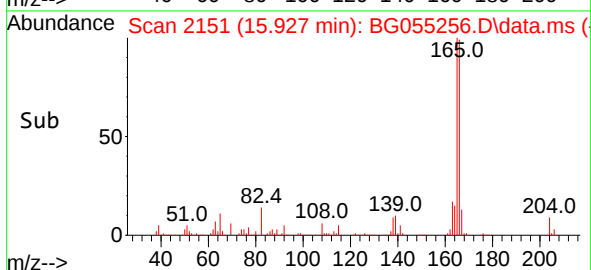
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

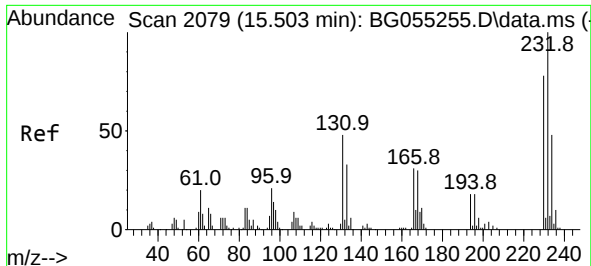


#58
Fluorene
Concen: 49.480 ng
RT: 15.927 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



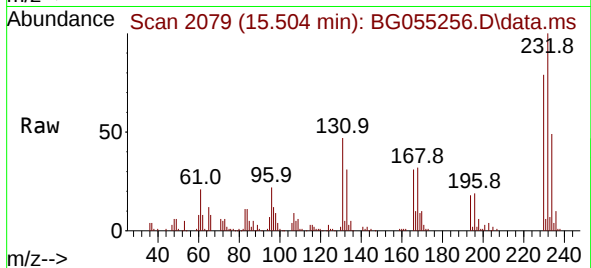
Tgt Ion:166 Resp: 426831
Ion Ratio Lower Upper
166 100
165 100.7 82.4 123.6
167 13.6 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.781 ng
RT: 15.504 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

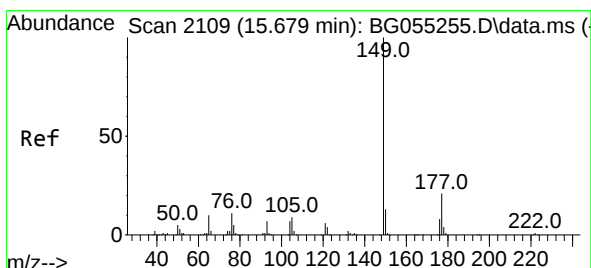
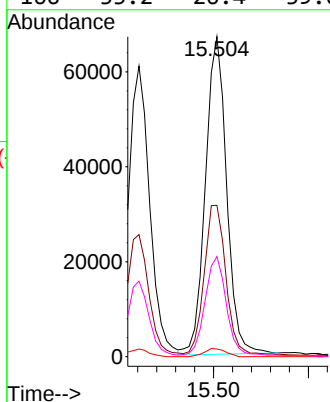
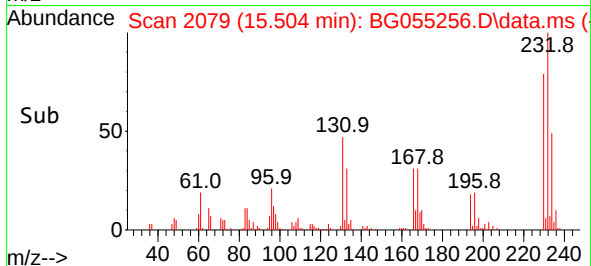
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



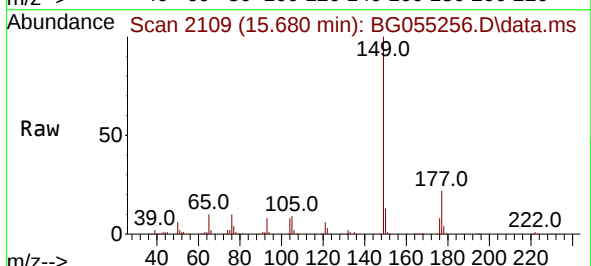
Tgt Ion:232 Resp: 103950
Ion Ratio Lower Upper
232 100
131 49.1 39.6 59.4
130 2.6 2.1 3.1
166 33.2 26.4 39.6

Manual Integrations
APPROVED

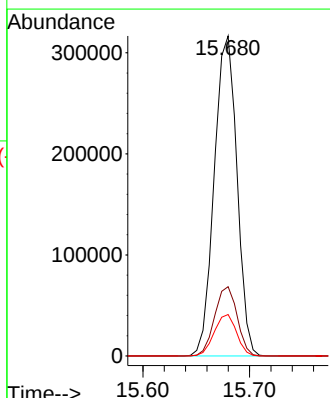
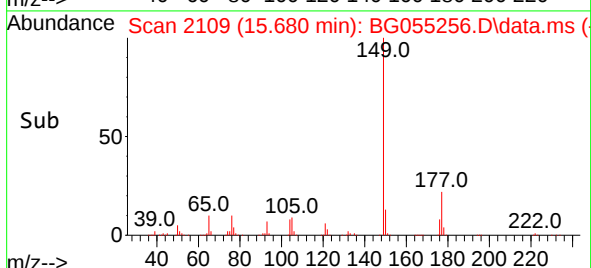
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

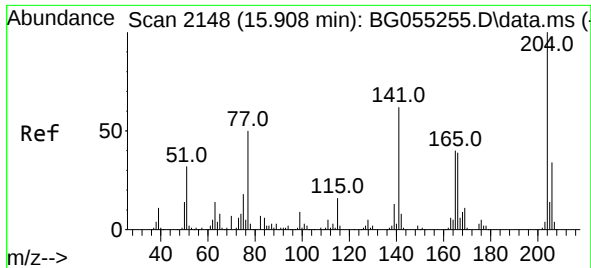


#60
Diethylphthalate
Concen: 47.436 ng
RT: 15.680 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:149 Resp: 467508
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.780 ng
RT: 15.909 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

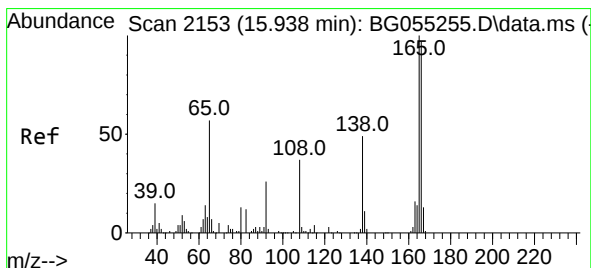
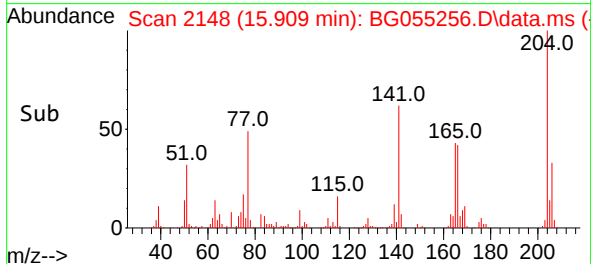
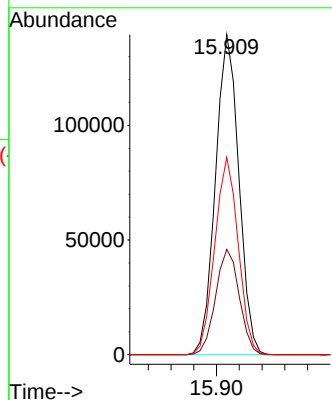
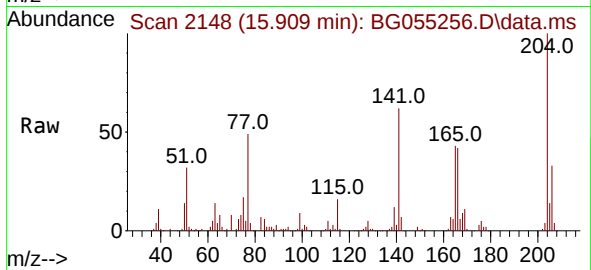
SSTDICC050

Tgt Ion:204 Resp: 199315
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 61.6 49.9 74.9

Manual Integrations

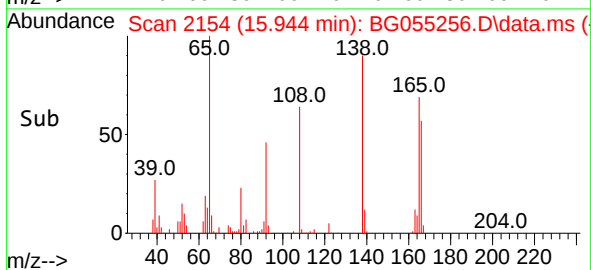
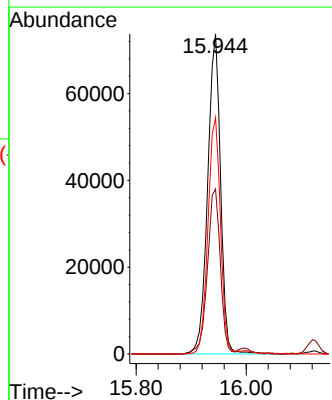
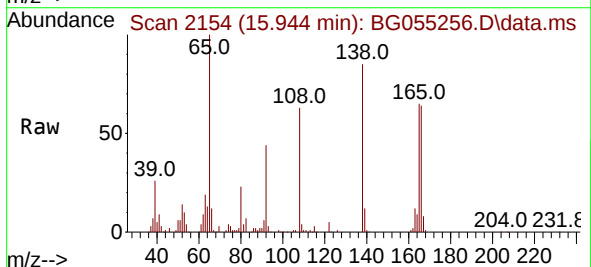
APPROVED

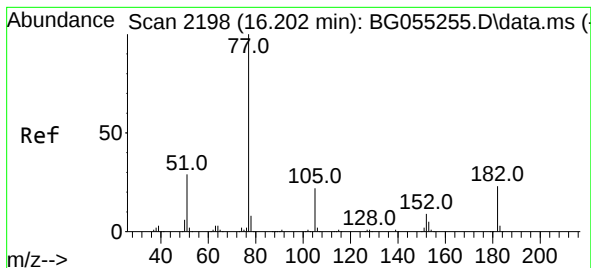
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#62
4-Nitroaniline
Concen: 50.207 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:138 Resp: 119917
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 73.9 55.5 95.5





#63

Azobenzene

Concen: 46.987 ng

RT: 16.203 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 46803

Ion Ratio Lower Upper

77 100

182 22.9 2.5 42.5

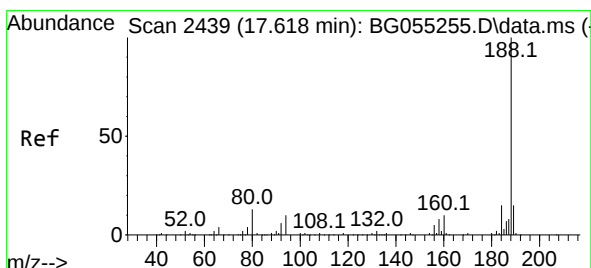
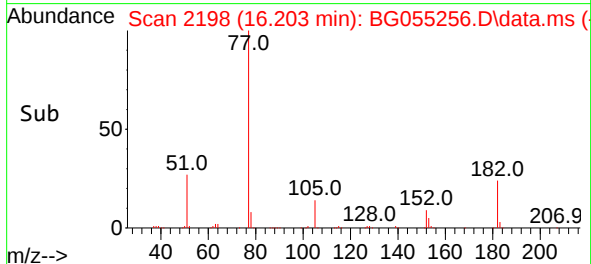
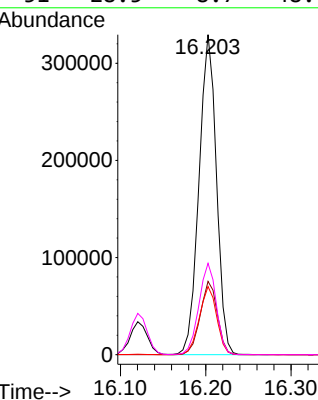
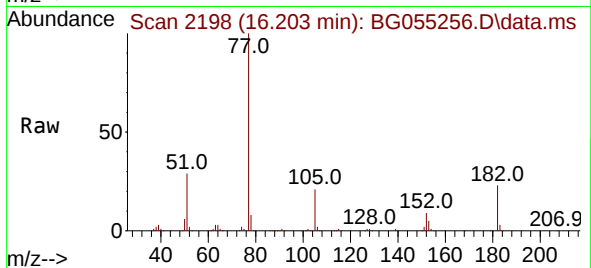
105 21.3 1.6 41.6

51 28.5 8.7 48.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.619 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

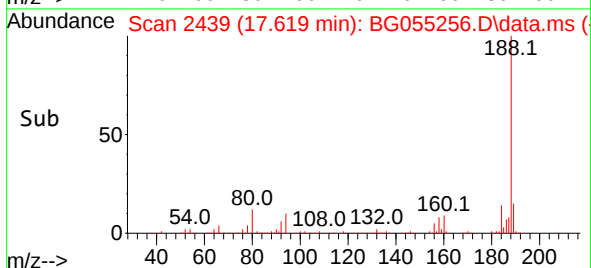
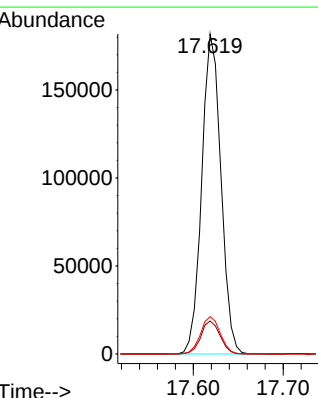
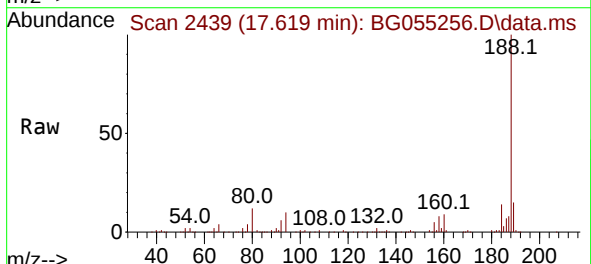
Tgt Ion:188 Resp: 269465

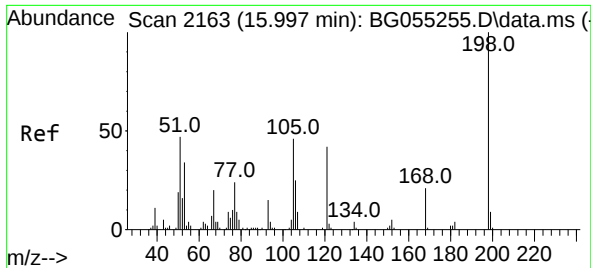
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

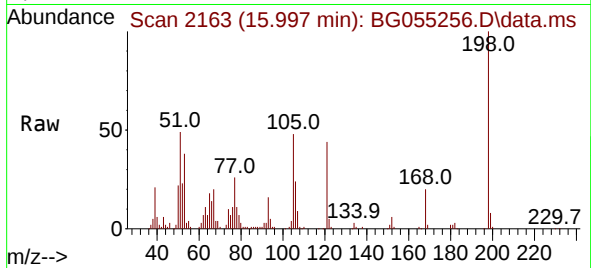
80 11.7 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 54.928 ng
RT: 15.997 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

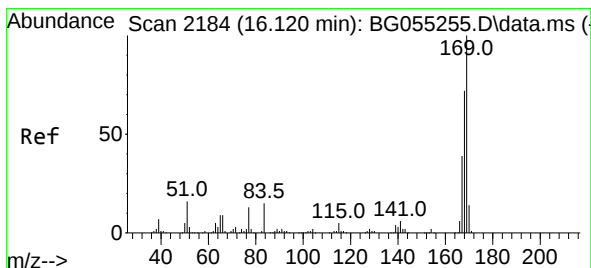
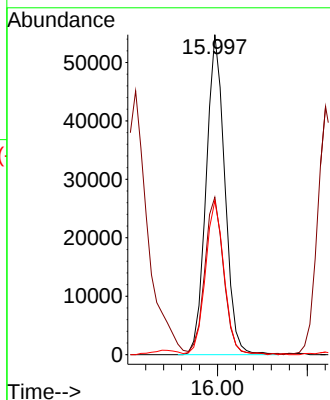
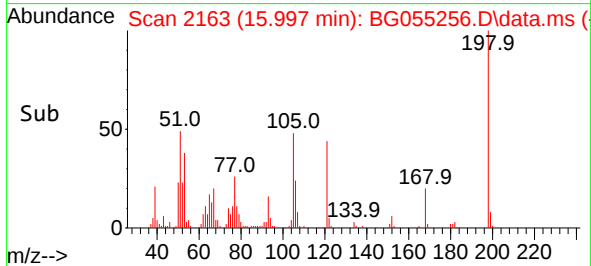
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 7906
Ion Ratio Lower Upper
198 100
51 49.2 29.6 69.6
105 48.1 26.6 66.6

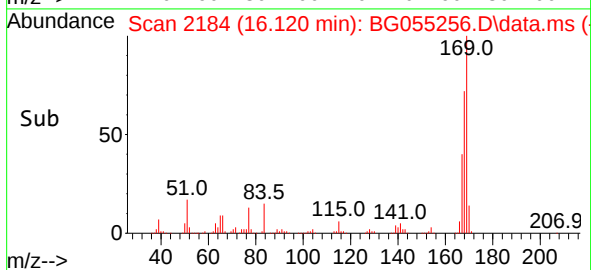
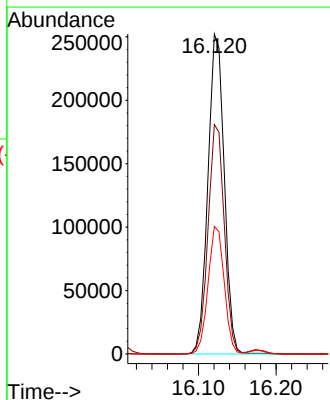
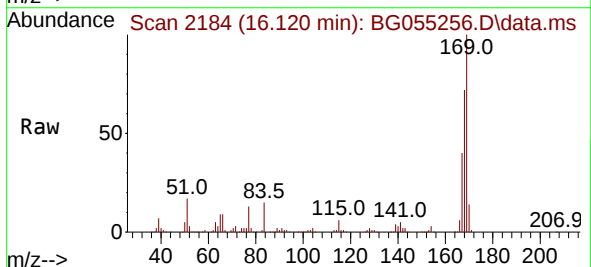
Manual Integrations
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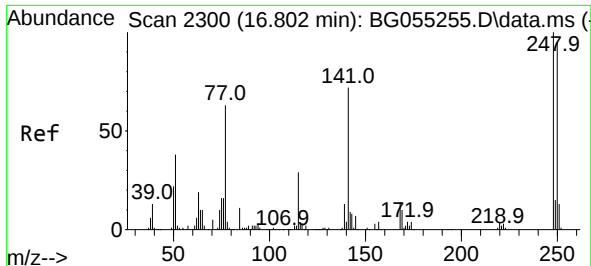
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#66
n-Nitrosodiphenylamine
Concen: 49.011 ng
RT: 16.120 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:169 Resp: 368592
Ion Ratio Lower Upper
169 100
168 71.7 57.5 86.3
167 39.8 31.5 47.3





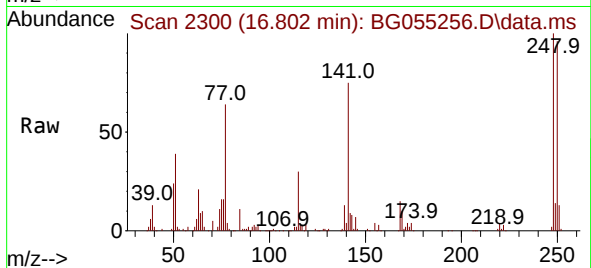
#67
4-Bromophenyl-phenylether
Concen: 50.154 ng
RT: 16.802 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

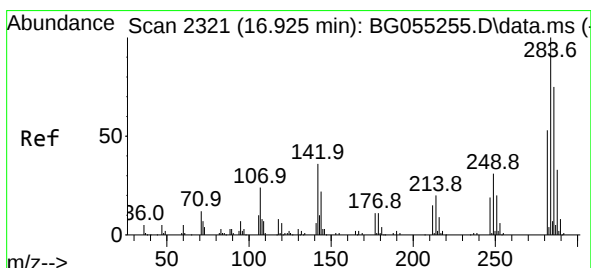
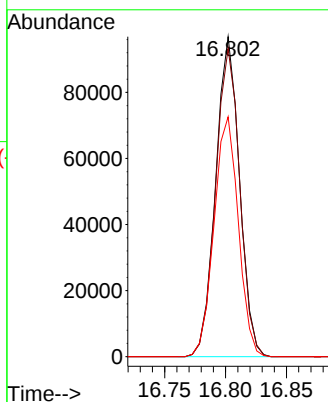
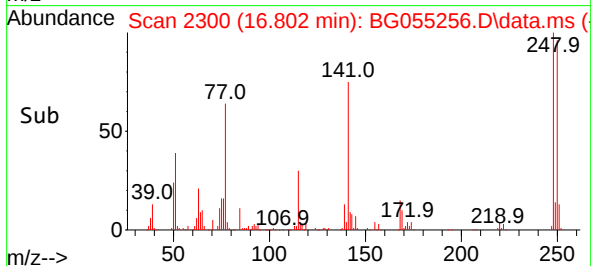


Tgt Ion:248 Resp: 13172
Ion Ratio Lower Upper
248 100
250 96.3 76.0 114.0
141 74.9 58.0 87.0

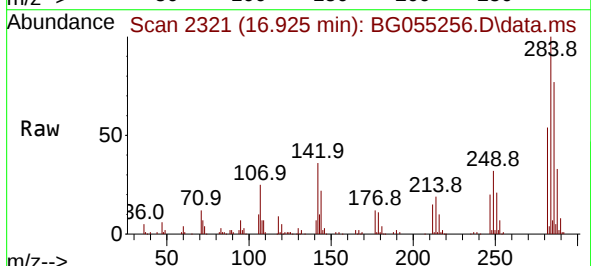
Manual Integrations

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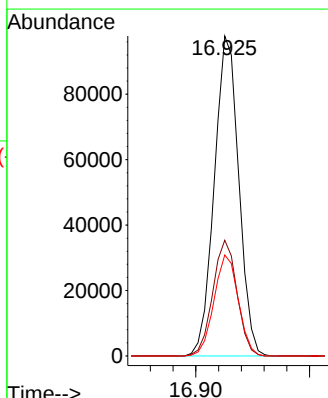
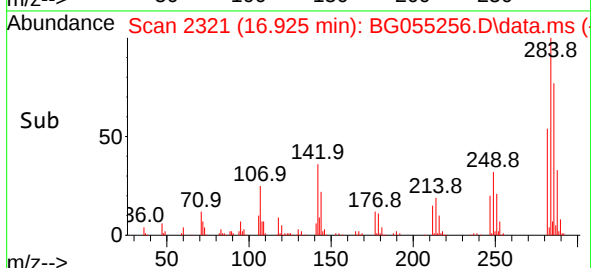
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

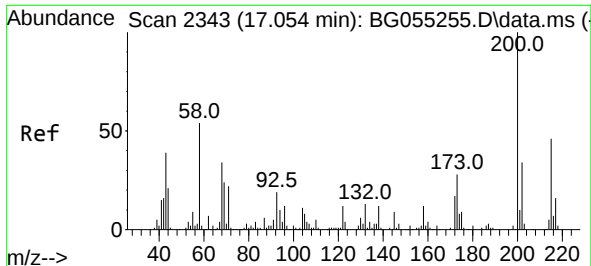


#68
Hexachlorobenzene
Concen: 50.758 ng
RT: 16.925 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



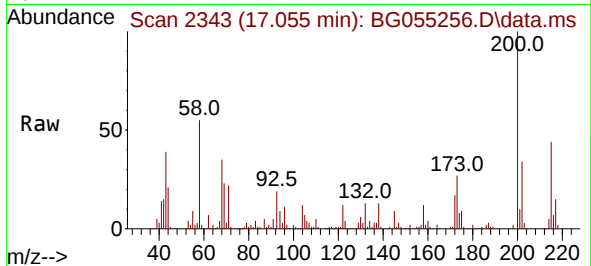
Tgt Ion:284 Resp: 145905
Ion Ratio Lower Upper
284 100
142 36.2 28.9 43.3
249 31.5 25.0 37.4





#69
 Atrazine
 Concen: 45.593 ng
 RT: 17.055 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30

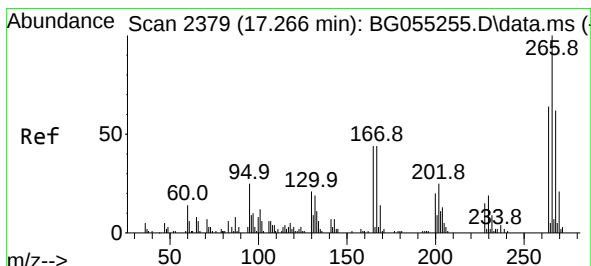
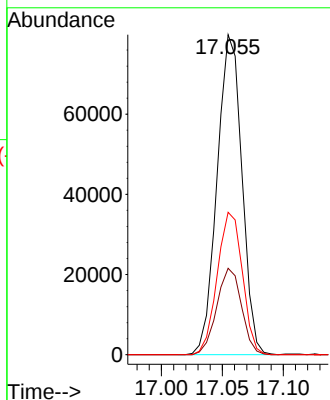
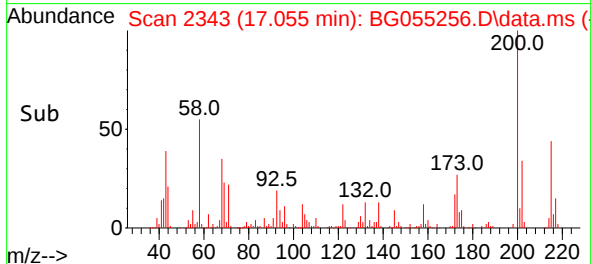
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050



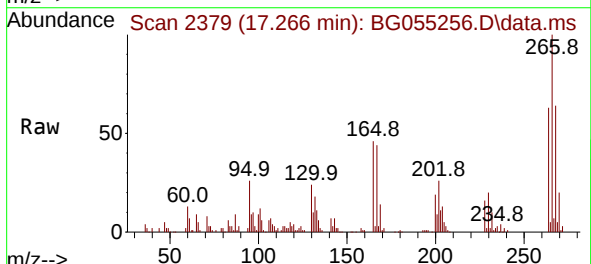
Tgt Ion:200 Resp: 113012
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.7 47.7
 215 44.5 26.1 66.1

Manual Integrations
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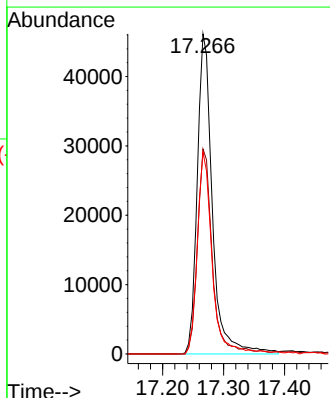
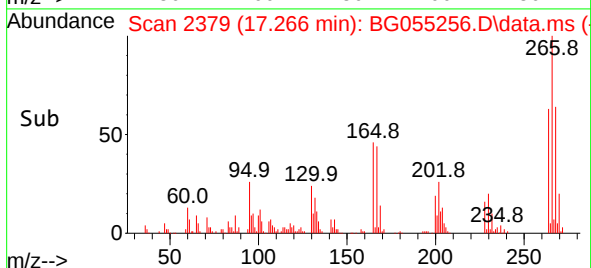
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

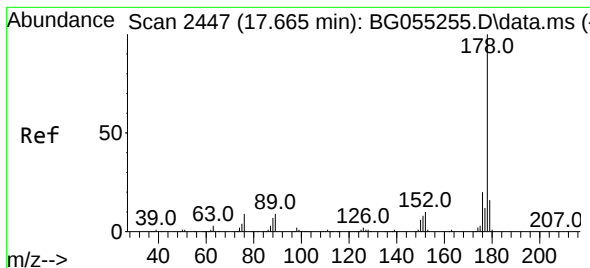


#70
 Pentachlorophenol
 Concen: 51.414 ng
 RT: 17.266 min Scan# 2379
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30



Tgt Ion:266 Resp: 79760
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.2 79.8
 264 63.1 51.5 77.3





#71

Phenanthrene

Concen: 48.092 ng

RT: 17.666 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

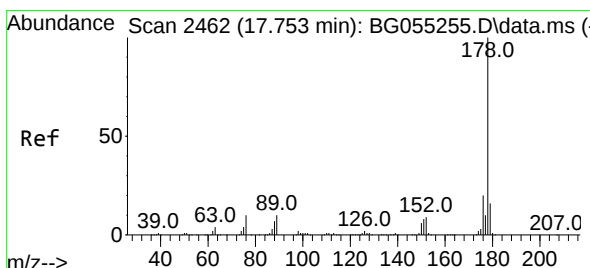
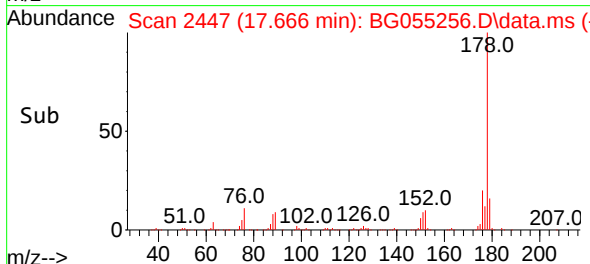
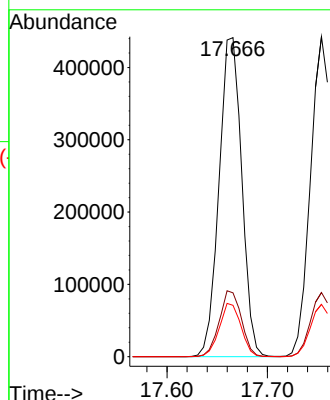
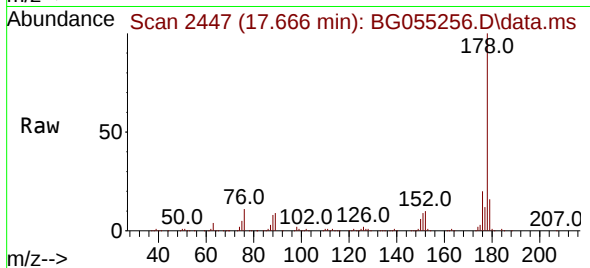
SSTDIC050

Tgt Ion:178 Resp: 69151
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.1 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#72

Anthracene

Concen: 47.832 ng

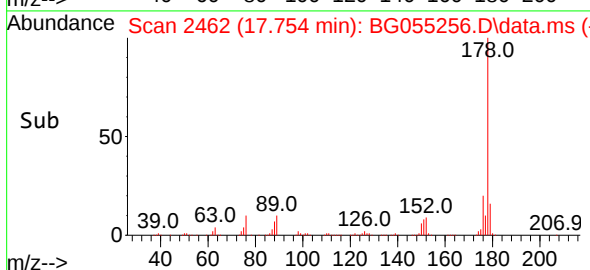
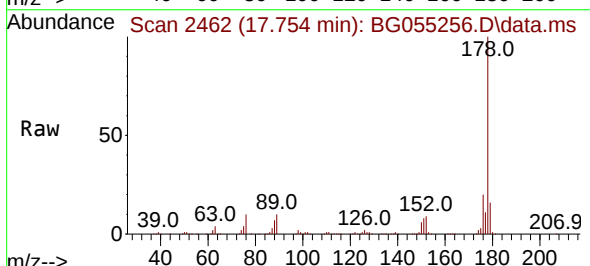
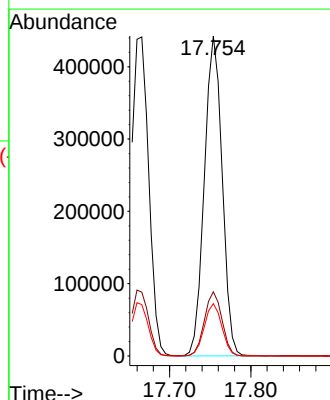
RT: 17.754 min Scan# 2462

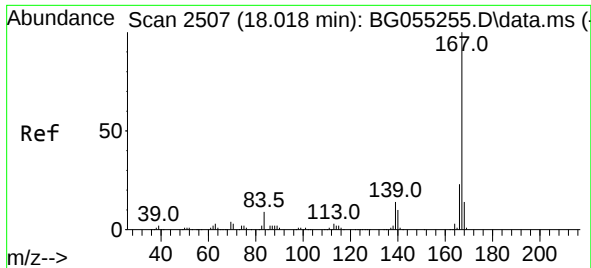
Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Tgt Ion:178 Resp: 672097
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 16.3 12.9 19.3





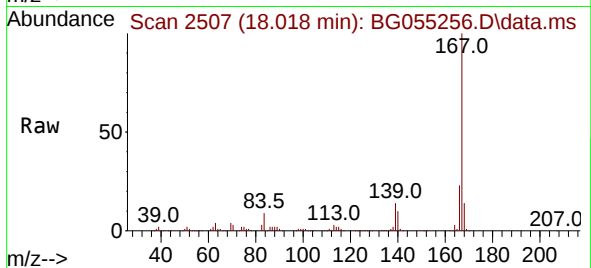
#73
 Carbazole
 Concen: 48.865 ng
 RT: 18.018 min Scan# 2507
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

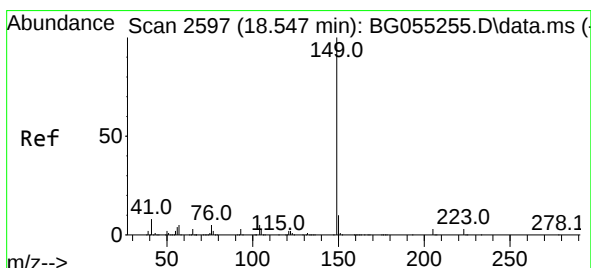
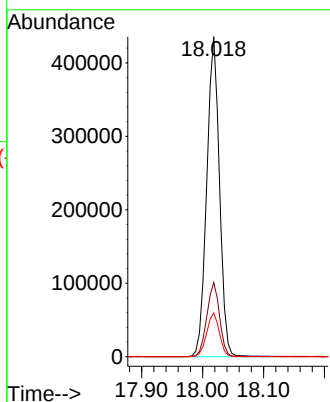
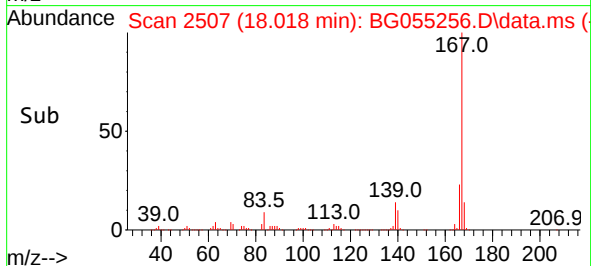


Tgt Ion:167 Resp: 63229
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.6 27.8
 139 13.7 10.9 16.3

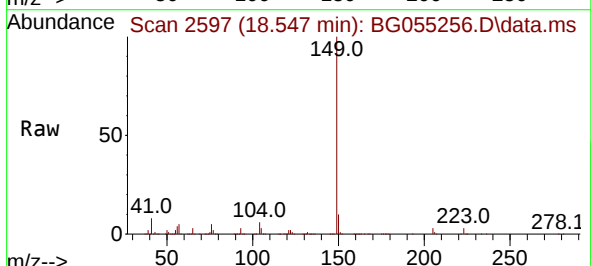
Manual Integrations

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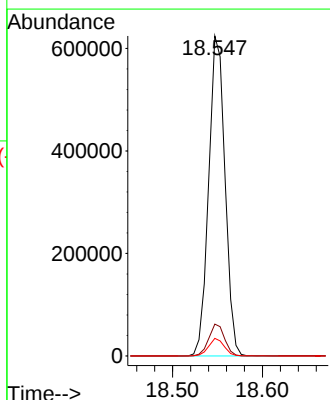
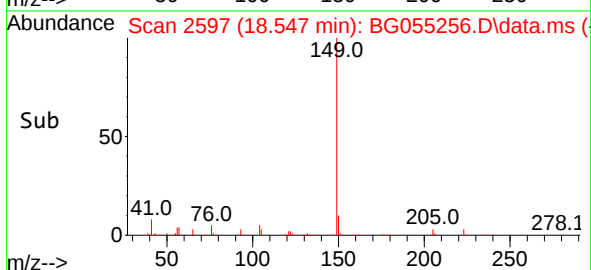
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

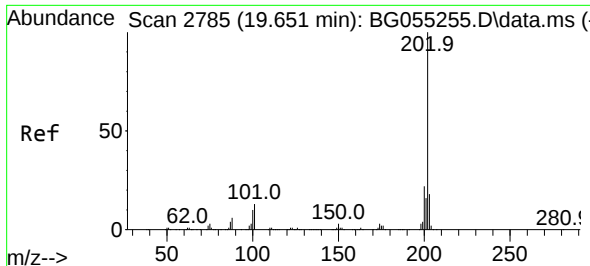


#74
 Di-n-butylphthalate
 Concen: 46.771 ng
 RT: 18.547 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30



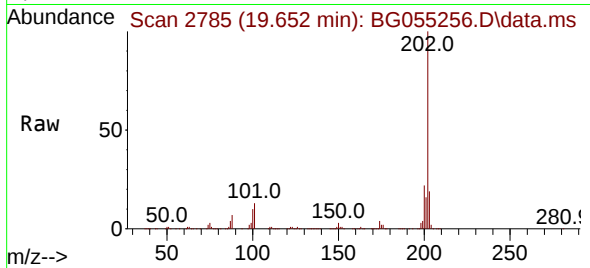
Tgt Ion:149 Resp: 789376
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 48.523 ng
RT: 19.652 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

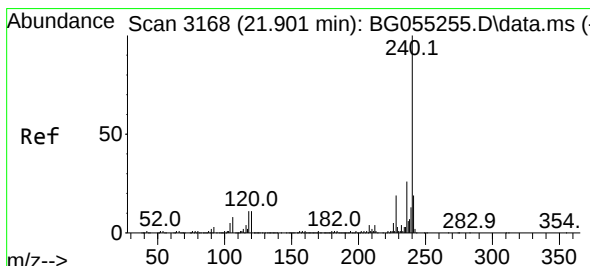
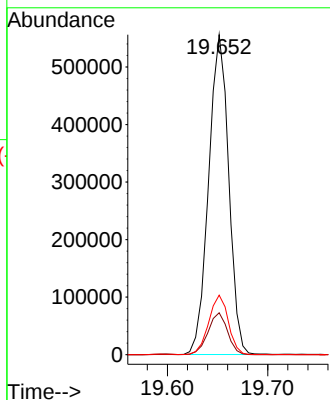
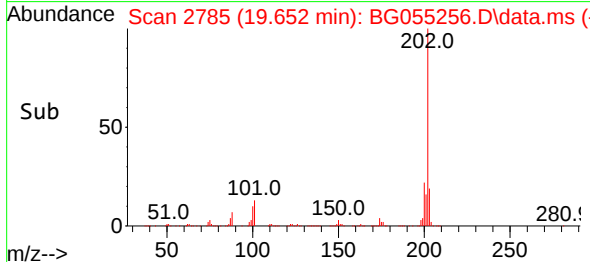
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



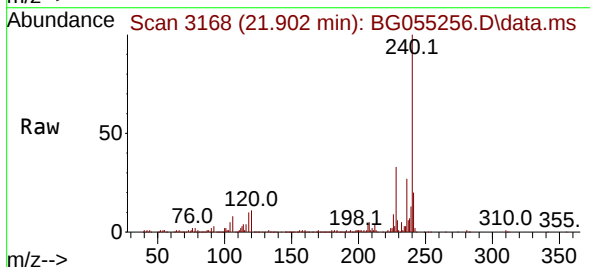
Tgt Ion:202 Resp: 772869
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.6
203 18.6 0.0 38.3

Manual Integrations
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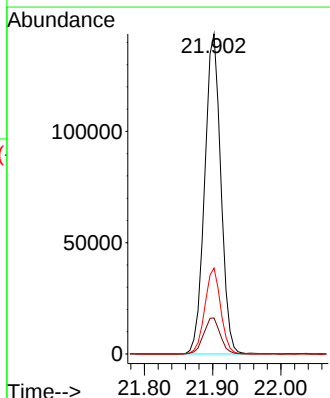
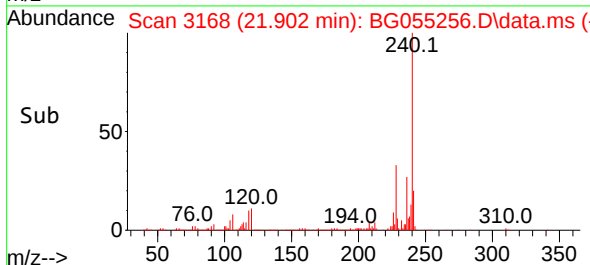
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

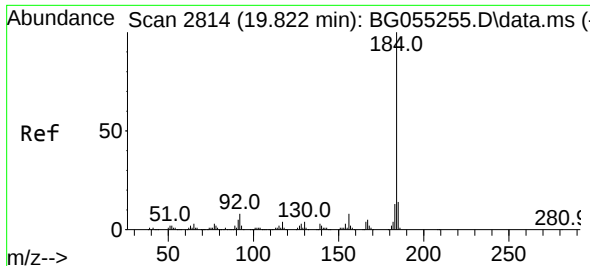


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



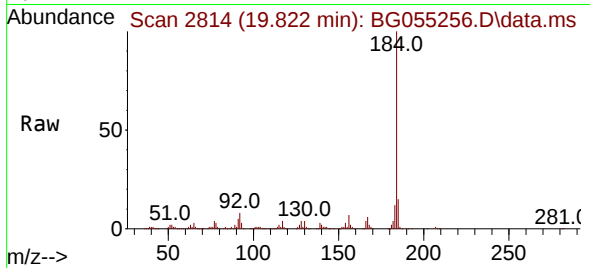
Tgt Ion:240 Resp: 236992
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.9 21.0 31.4





#77
Benzidine
Concen: 53.046 ng
RT: 19.822 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

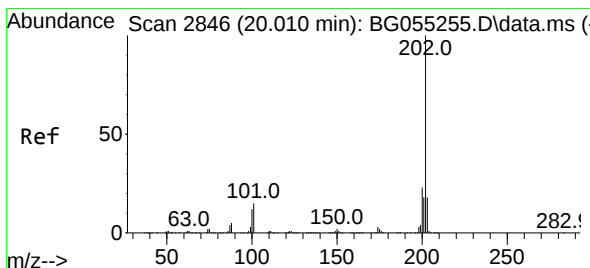
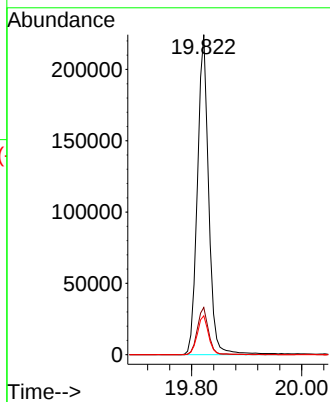
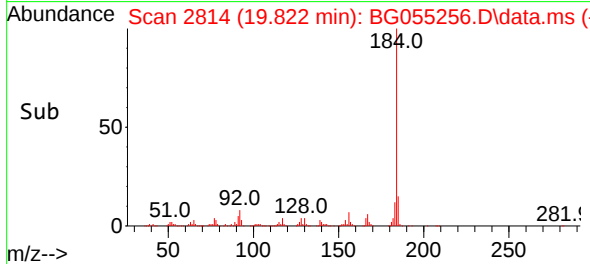
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



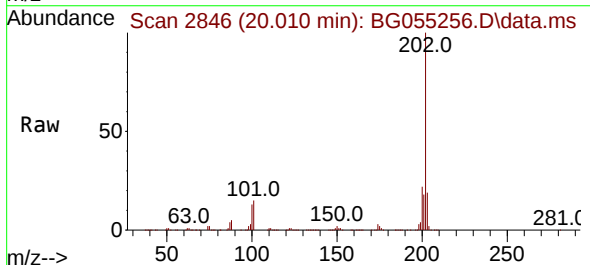
Tgt Ion:184 Resp: 31968
Ion Ratio Lower Upper
184 100
185 14.8 11.0 16.6
183 12.2 10.0 15.0

Manual Integrations
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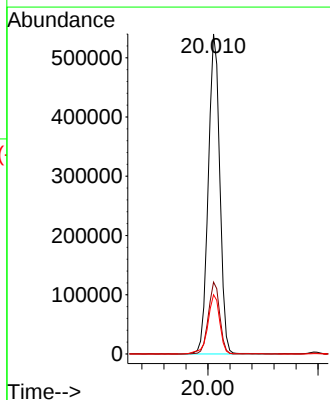
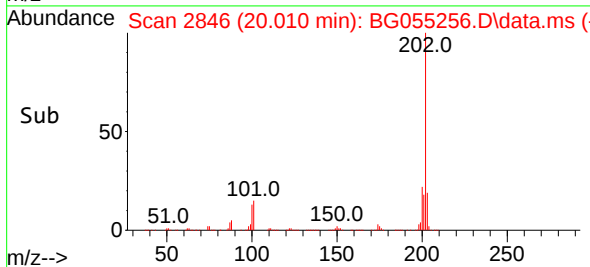
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

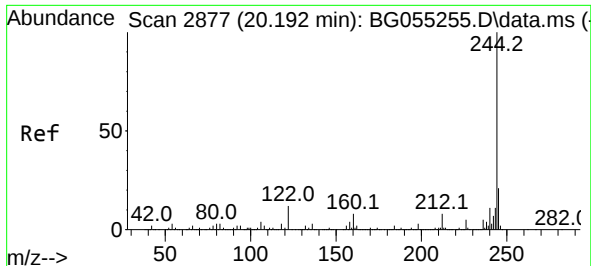


#78
Pyrene
Concen: 43.767 ng
RT: 20.010 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:202 Resp: 781571
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.5 14.3 21.5





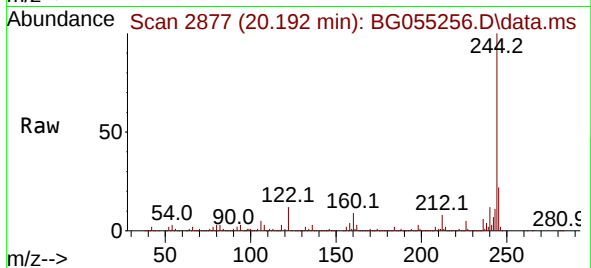
#79
 Terphenyl-d14
 Concen: 83.538 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

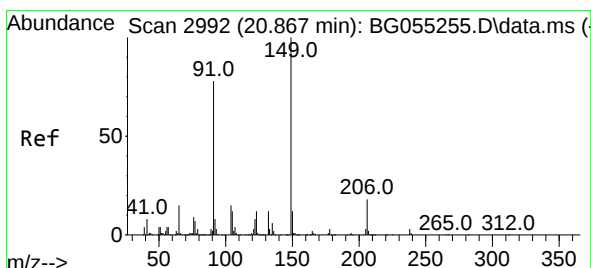
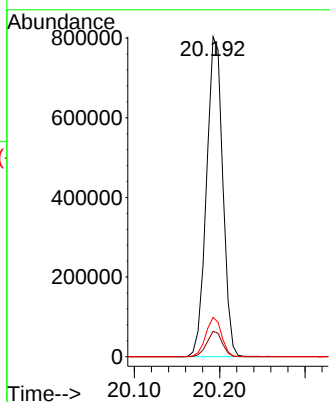
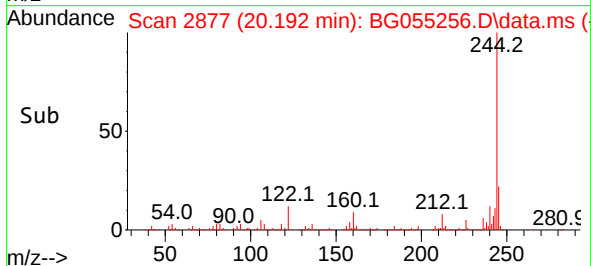


Tgt Ion:244 Resp: 106251
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.3 9.6 14.4

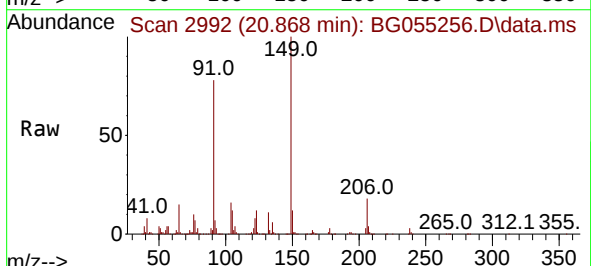
Manual Integrations

APPROVED

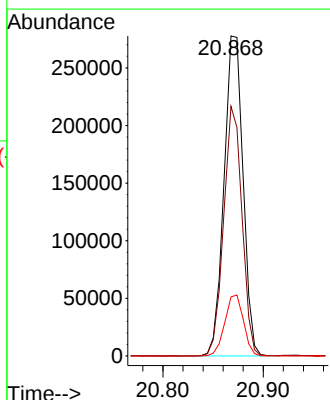
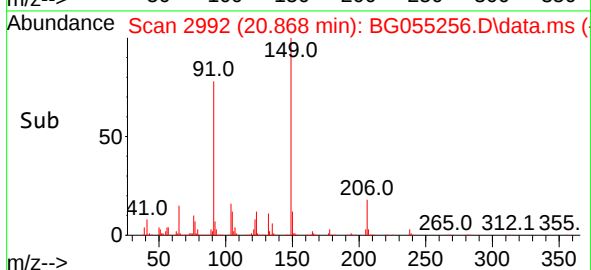
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

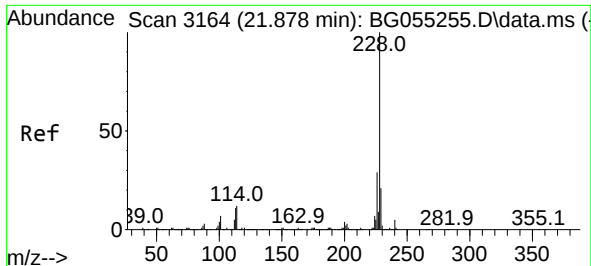


#80
 Butylbenzylphthalate
 Concen: 43.724 ng
 RT: 20.868 min Scan# 2992
 Delta R.T. 0.000 min
 Lab File: BG055256.D
 Acq: 24 Oct 2022 14:30



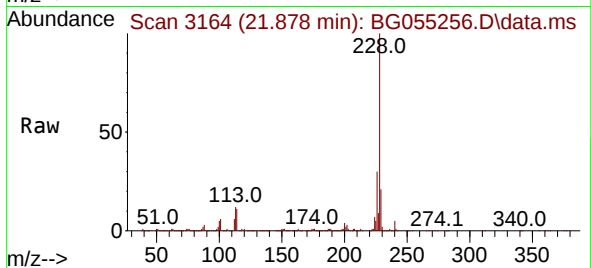
Tgt Ion:149 Resp: 364957
 Ion Ratio Lower Upper
 149 100
 91 78.0 62.2 93.4
 206 18.4 14.6 21.8





#81
Benzo(a)anthracene
Concen: 48.298 ng
RT: 21.878 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

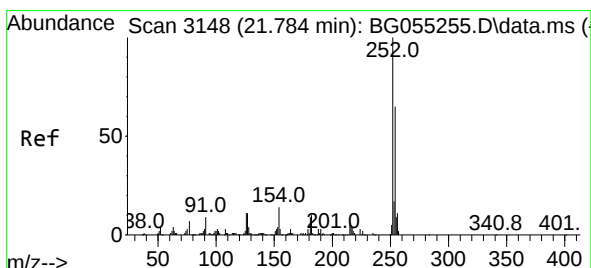
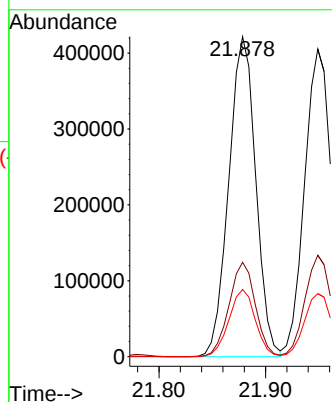
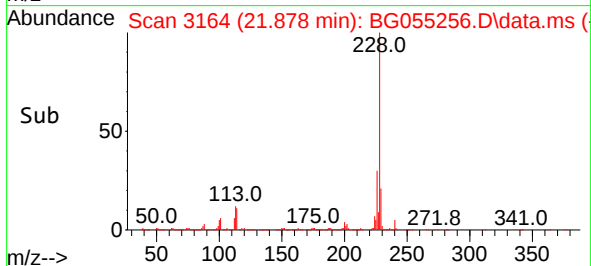
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 742452
Ion Ratio Lower Upper
228 100
226 29.5 22.9 34.3
229 21.0 16.7 25.1

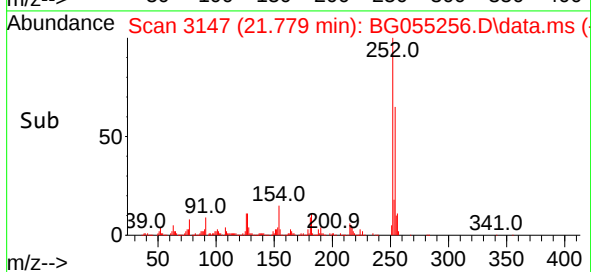
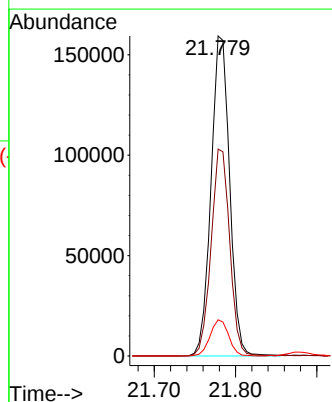
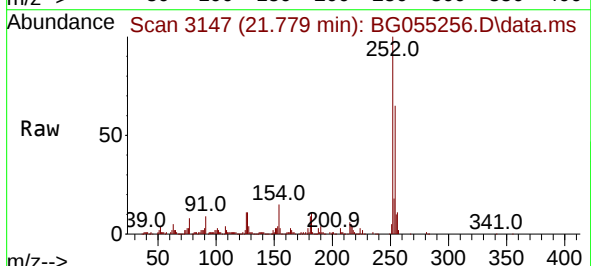
Manual Integrations
APPROVED

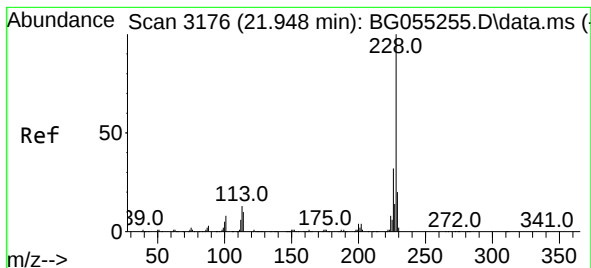
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 47.984 ng
RT: 21.779 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

Tgt Ion:252 Resp: 253275
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.4
126 11.3 8.6 12.8





#83

Chrysene

Concen: 49.016 ng

RT: 21.949 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG055256.D

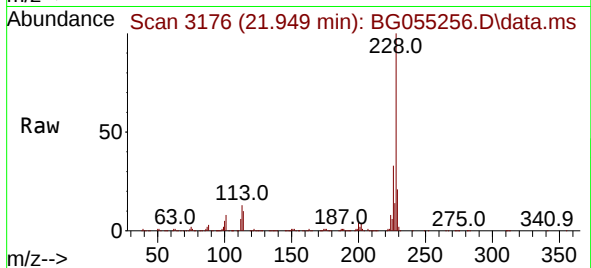
Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:228 Resp: 701700

Ion Ratio Lower Upper

228 100

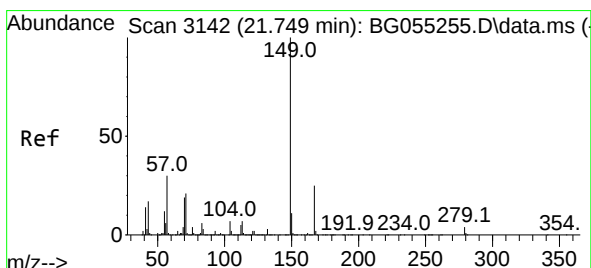
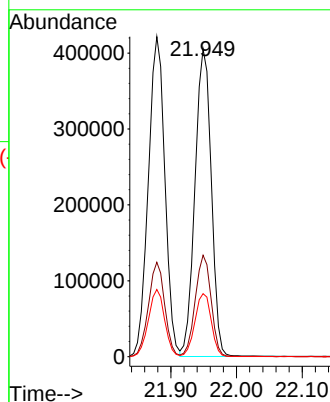
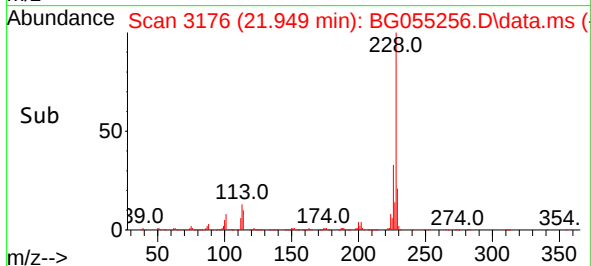
226 33.0 25.8 38.8

229 20.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.983 ng

RT: 21.749 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

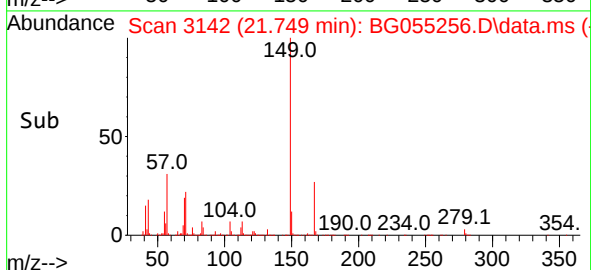
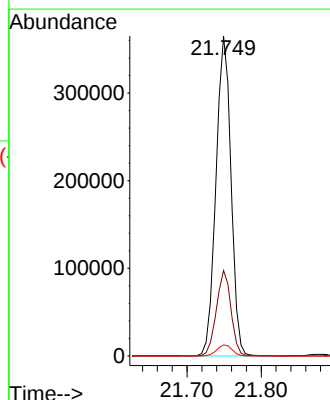
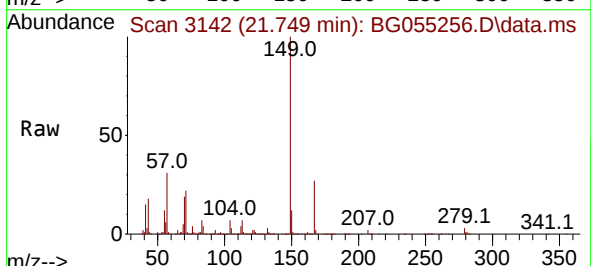
Tgt Ion:149 Resp: 513110

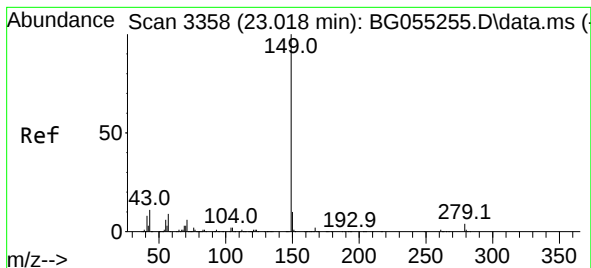
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.2

279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 53.504 ng

RT: 23.018 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 87118

Ion Ratio Lower Upper

149 100

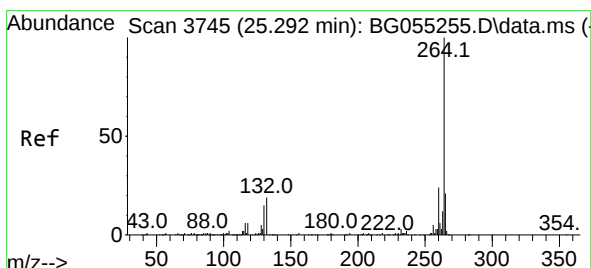
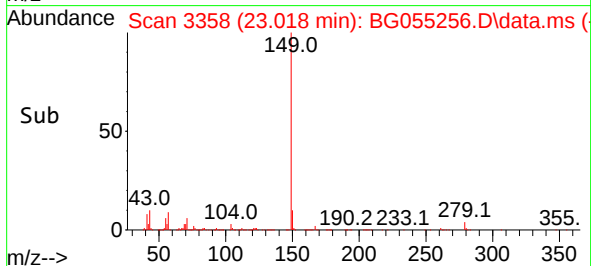
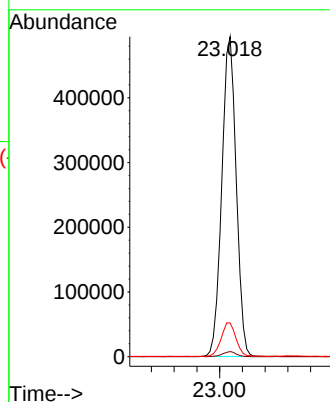
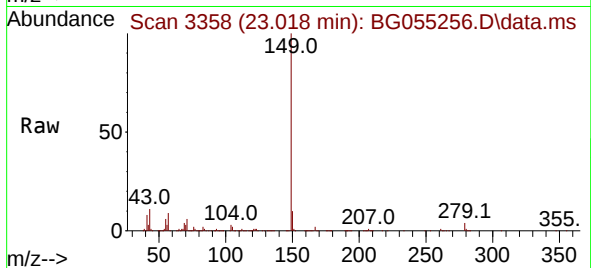
167 1.5 1.3 1.9

43 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.298 min Scan# 3746

Delta R.T. 0.006 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

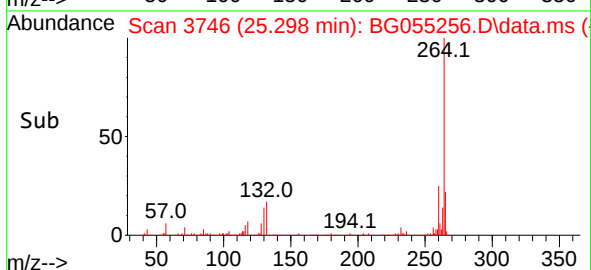
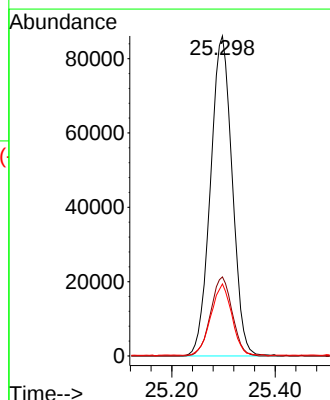
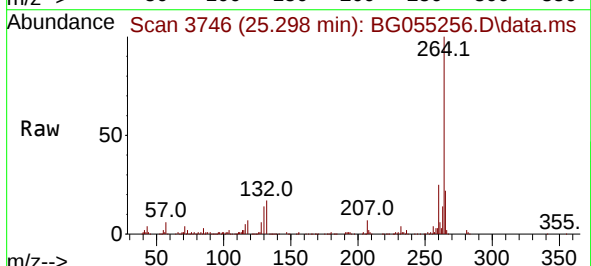
Tgt Ion:264 Resp: 250608

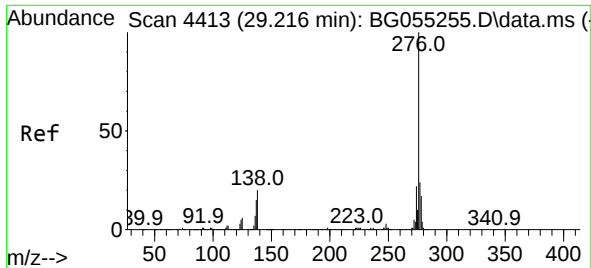
Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

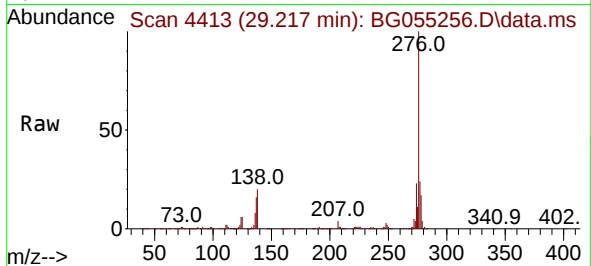
265 22.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.336 ng
RT: 29.217 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

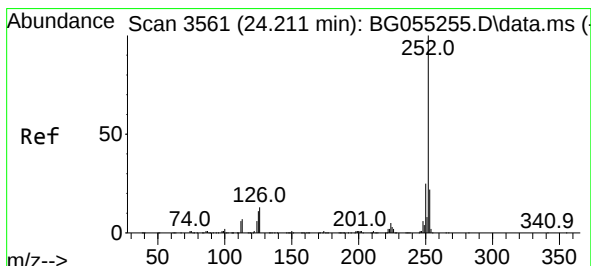
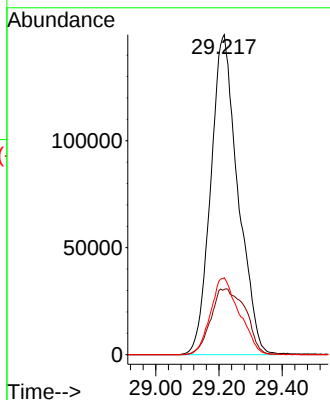
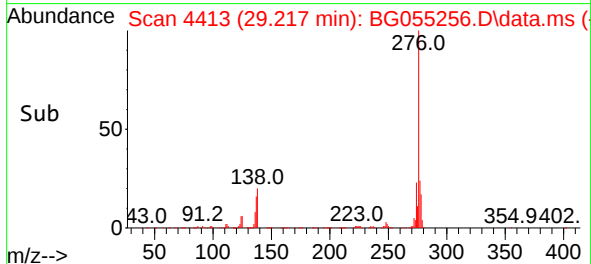
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



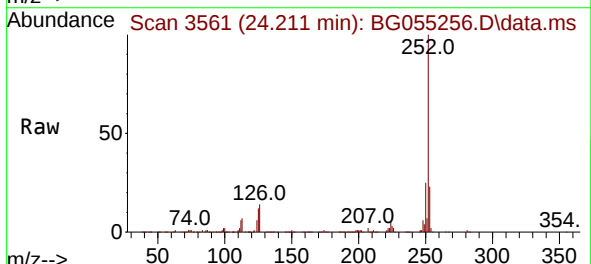
Tgt Ion:276 Resp: 894808
Ion Ratio Lower Upper
276 100
138 26.1 13.9 20.9
277 25.5 20.3 30.5

Manual Integrations
APPROVED

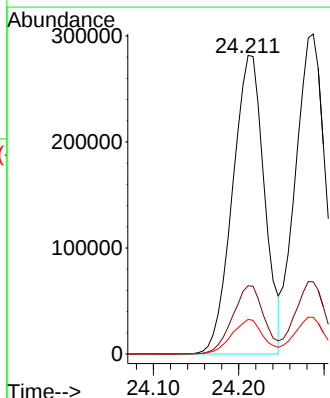
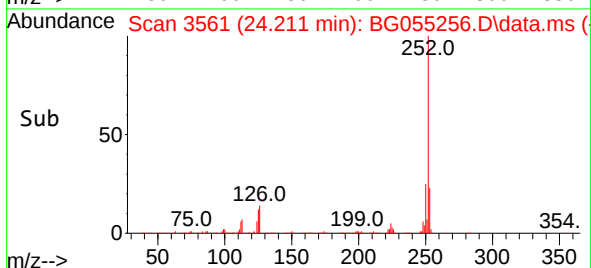
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

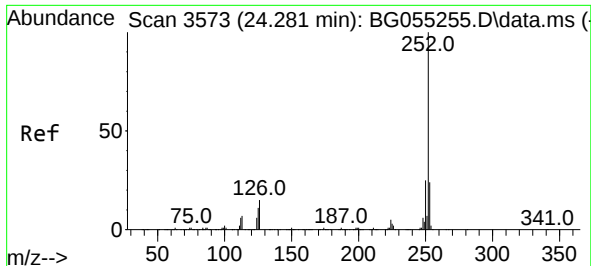


#88
Benzo(b)fluoranthene
Concen: 49.119 ng
RT: 24.211 min Scan# 3561
Delta R.T. 0.000 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



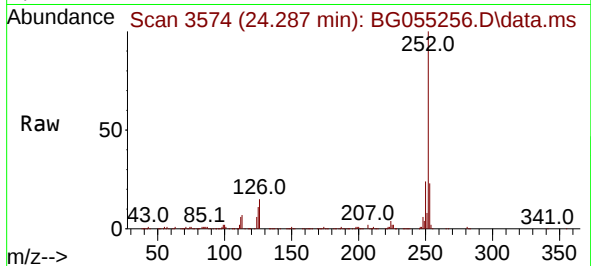
Tgt Ion:252 Resp: 730990
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.6 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 48.845 ng
RT: 24.287 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30

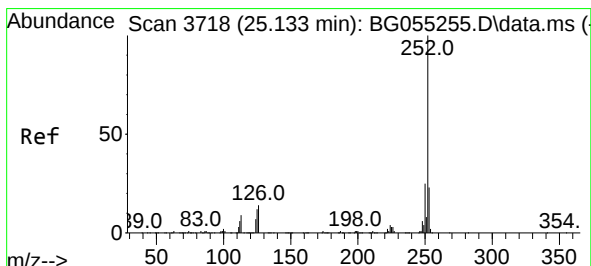
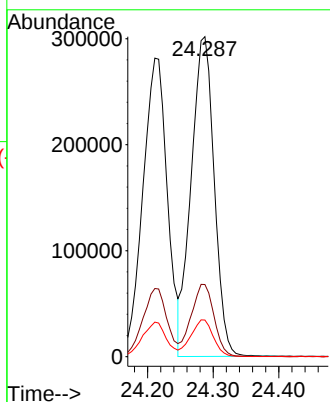
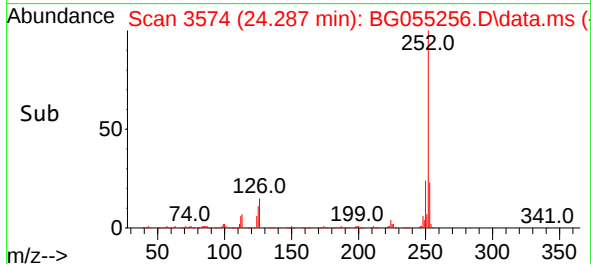
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



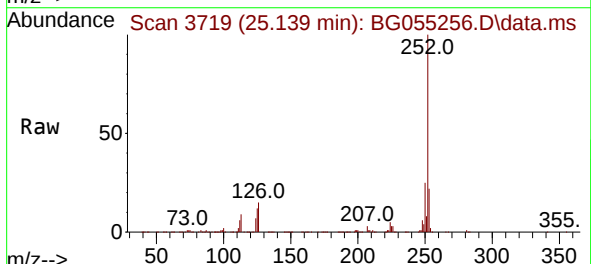
Tgt Ion:252 Resp: 73619
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 11.4 9.1 13.7

Manual Integrations
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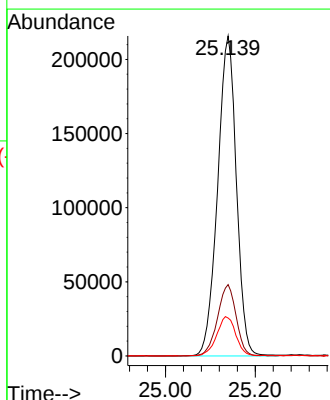
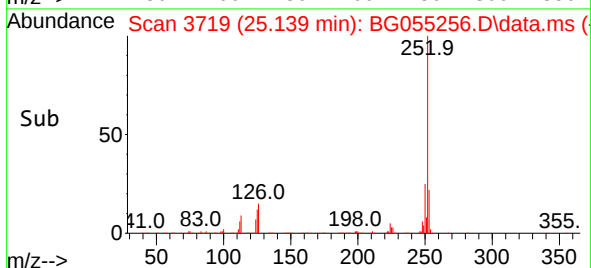
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

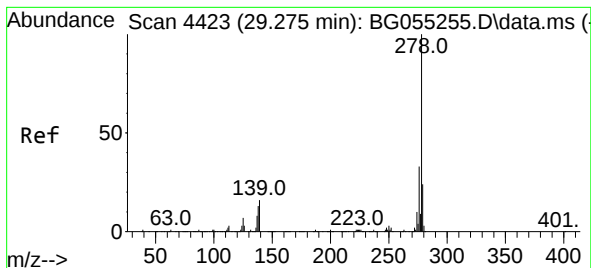


#90
Benzo(a)pyrene
Concen: 49.067 ng
RT: 25.139 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG055256.D
Acq: 24 Oct 2022 14:30



Tgt Ion:252 Resp: 626743
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 51.451 ng

RT: 29.276 min Scan# 4423

Delta R.T. 0.000 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Instrument :

BNA_G

ClientSampleId :

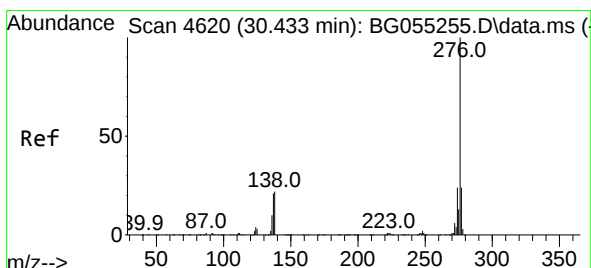
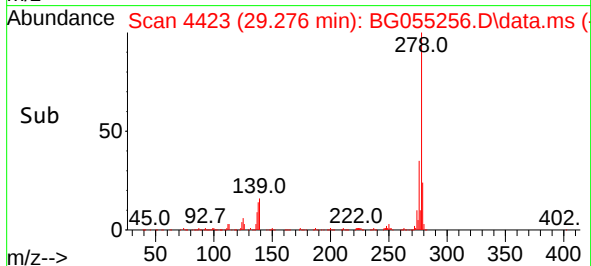
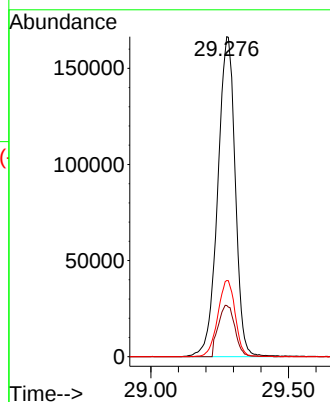
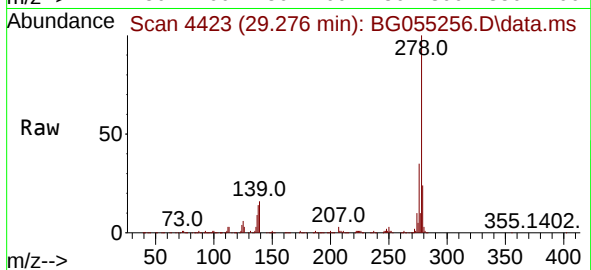
SSTDICC050

Tgt Ion:278 Resp: 73470
 Ion Ratio Lower Upper
 278 100
 139 16.0 12.9 19.3
 279 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#92

Benzo(g,h,i)perylene

Concen: 52.651 ng

RT: 30.439 min Scan# 4621

Delta R.T. 0.006 min

Lab File: BG055256.D

Acq: 24 Oct 2022 14:30

Tgt Ion:276 Resp: 728331
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.1 28.7
 138 21.9 17.2 25.8

