

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058622.D
 Acq On : 7 Aug 2023 11:30
 Operator : MA/JU
 Sample : PB154530BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 12:04:05 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	42572	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	194186	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	144826	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	362200	20.000	ng	0.00
76) Chrysene-d12	21.455	240	318334	20.000	ng	0.00
86) Perylene-d12	24.522	264	406013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	420879	151.108	ng	0.00
7) Phenol-d6	6.989	99	592645	152.913	ng	0.00
23) Nitrobenzene-d5	8.981	82	356068	90.078	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	323192	136.150	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	832262	86.119	ng	0.00
79) Terphenyl-d14	19.827	244	1596602	94.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	47982	35.551	ng	97
3) Pyridine	3.664	79	123639	33.600	ng	95
4) n-Nitrosodimethylamine	3.581	42	71259	45.705	ng	# 96
6) Aniline	7.142	93	199695	41.850	ng	98
8) 2-Chlorophenol	7.377	128	152762	55.907	ng	99
9) Benzaldehyde	6.954	77	65323	31.023	ng	95
10) Phenol	7.013	94	215061	56.805	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	144876	48.540	ng	95
12) 1,3-Dichlorobenzene	7.700	146	140697	48.221	ng	99
13) 1,4-Dichlorobenzene	7.847	146	145688	49.729	ng	98
14) 1,2-Dichlorobenzene	8.164	146	143216	51.130	ng	97
15) Benzyl Alcohol	8.053	79	148951	60.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.346	45	250199	51.605	ng	99
17) 2-Methylphenol	8.264	107	147462	53.270	ng	99
18) Hexachloroethane	8.893	117	52336	49.149	ng	95
19) n-Nitroso-di-n-propyla...	8.623	70	126992	50.728	ng	99
20) 3+4-Methylphenols	8.593	107	206817	55.234	ng	99
22) Acetophenone	8.640	105	243750	46.879	ng	# 99
24) Nitrobenzene	9.022	77	181869	45.257	ng	98
25) Isophorone	9.539	82	378881	46.390	ng	100
26) 2-Nitrophenol	9.733	139	86167	49.258	ng	99
27) 2,4-Dimethylphenol	9.792	122	144365	49.754	ng	99
28) bis(2-Chloroethoxy)met...	10.027	93	213332	47.997	ng	99
29) 2,4-Dichlorophenol	10.268	162	159241	52.856	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	161711	46.543	ng	100
31) Naphthalene	10.667	128	465282	45.461	ng	100
32) Benzoic acid	9.962	122	110312	49.628	ng	91
33) 4-Chloroaniline	10.779	127	135372	31.306	ng	99
34) Hexachlorobutadiene	10.943	225	100021	44.702	ng	98
35) Caprolactam	11.566	113	61938m	55.673	ng	
36) 4-Chloro-3-methylphenol	11.913	107	198066	53.146	ng	98
37) 2-Methylnaphthalene	12.277	142	331172	45.236	ng	99
38) 1-Methylnaphthalene	12.500	142	321198	46.154	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	193864	43.601	ng	99
41) Hexachlorocyclopentadiene	12.624	237	198844	94.898	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	148178	48.452	ng	97

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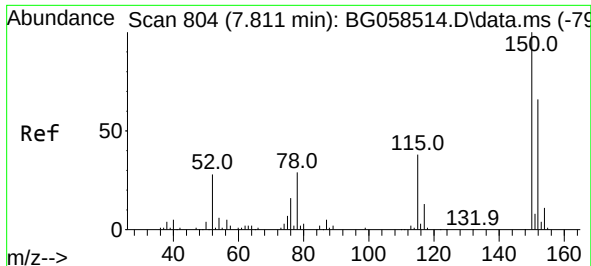
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 12:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	164999	45.806	ng	99
46) 1,1'-Biphenyl	13.294	154	453059	45.552	ng	99
47) 2-Chloronaphthalene	13.341	162	359515	46.360	ng	98
48) 2-Nitroaniline	13.546	65	145180	49.048	ng	99
49) Acenaphthylene	14.187	152	614606	47.338	ng	99
50) Dimethylphthalate	13.922	163	516745	47.509	ng	100
51) 2,6-Dinitrotoluene	14.046	165	117265	49.135	ng	98
52) Acenaphthene	14.527	154	342435	45.645	ng	98
53) 3-Nitroaniline	14.375	138	81489	34.128	ng	97
54) 2,4-Dinitrophenol	14.592	184	143275	104.017	ng	97
55) Dibenzofuran	14.862	168	590420	45.801	ng	99
56) 4-Nitrophenol	14.698	139	184369	103.198	ng	96
57) 2,4-Dinitrotoluene	14.839	165	167804	50.717	ng	98
58) Fluorene	15.514	166	481652	47.033	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.091	232	150628	49.005	ng	100
60) Diethylphthalate	15.285	149	532101	48.020	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	265127	46.437	ng	100
62) 4-Nitroaniline	15.544	138	118385	52.339	ng	98
63) Azobenzene	15.796	77	509628	46.694	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	103543	51.846	ng	99
66) n-Nitrosodiphenylamine	15.720	169	436297	46.281	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	185224	45.087	ng	99
68) Hexachlorobenzene	16.519	284	210029	48.247	ng	99
69) Atrazine	16.672	200	182134	57.232	ng	99
70) Pentachlorophenol	16.866	266	225157	85.452	ng	98
71) Phenanthrene	17.254	178	796526	46.371	ng	99
72) Anthracene	17.342	178	814303	46.201	ng	99
73) Carbazole	17.618	167	770244	49.558	ng	99
74) Di-n-butylphthalate	18.170	149	951210	48.861	ng	100
75) Fluoranthene	19.269	202	981974	47.592	ng	99
77) Benzidine	19.451	184	431161	89.318	ng	98
78) Pyrene	19.627	202	1005532	46.414	ng	99
80) Butylbenzylphthalate	20.514	149	421199	47.332	ng	99
81) Benzo(a)anthracene	21.431	228	1038706	47.413	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	304037	41.047	ng	99
83) Chrysene	21.496	228	966670	46.022	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	614887	47.284	ng	# 98
85) Di-n-octyl phthalate	22.489	149	1095683	47.924	ng	100
87) Indeno(1,2,3-cd)pyrene	28.035	276	1313840	48.641	ng	100
88) Benzo(b)fluoranthene	23.552	252	1080657	49.073	ng	99
89) Benzo(k)fluoranthene	23.617	252	1060184	47.923	ng	99
90) Benzo(a)pyrene	24.381	252	976004	45.130	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	1084127	48.541	ng	99
92) Benzo(g,h,i)perylene	29.122	276	1068917	47.729	ng	98

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



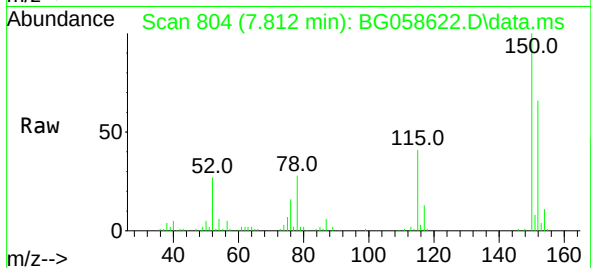
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

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BNA_G

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PB154530BS

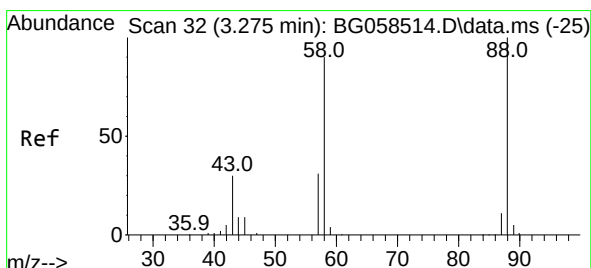
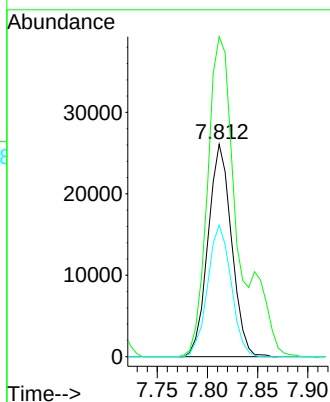
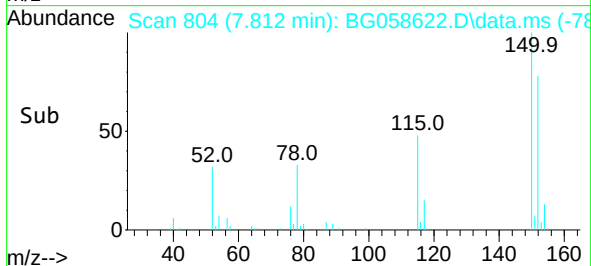


Tgt Ion:152 Resp: 42572
Ion Ratio Lower Upper
152 100
150 150.6 120.5 180.7
115 61.9 45.9 68.9

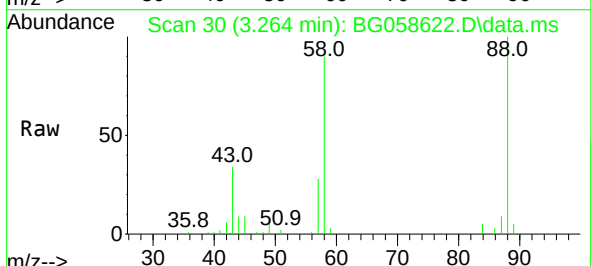
Manual Integrations

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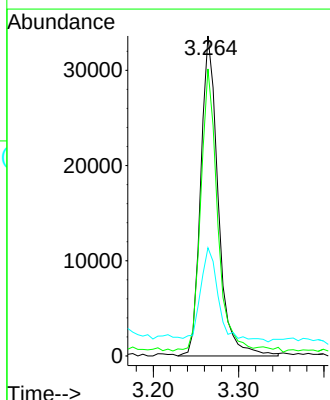
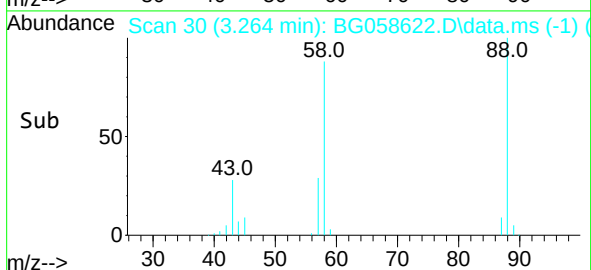
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

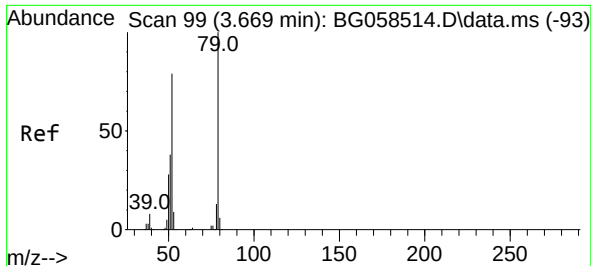


#2
1,4-Dioxane
Concen: 35.551 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



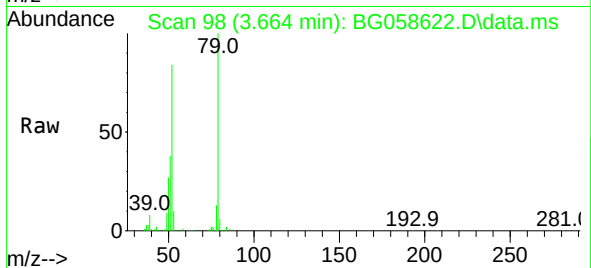
Tgt Ion: 88 Resp: 47982
Ion Ratio Lower Upper
88 100
58 83.4 68.9 103.3
43 30.3 22.9 34.3





#3
 Pyridine
 Concen: 33.600 ng
 RT: 3.664 min Scan# 91
 Delta R.T. -0.005 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30

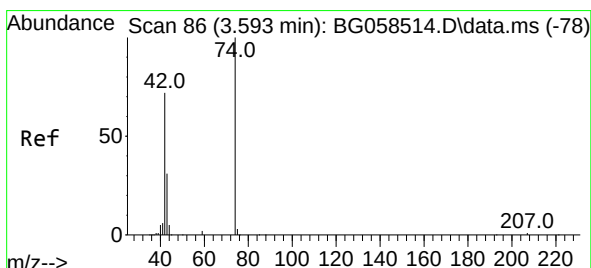
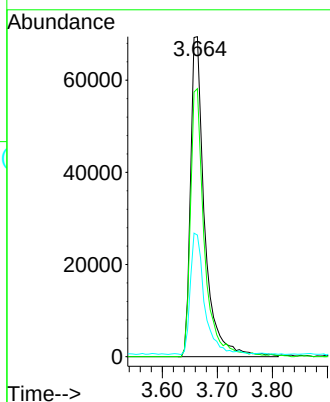
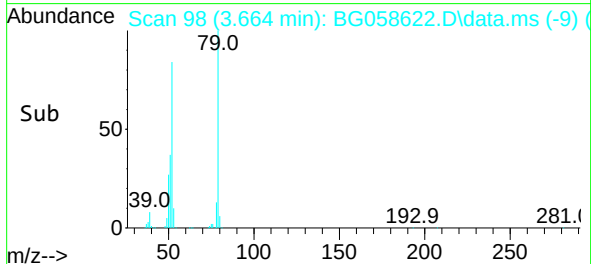
Instrument :
 BNA_G
 ClientSampleId :
 PB154530BS



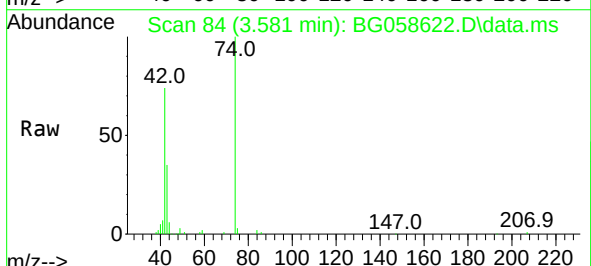
Tgt Ion: 79 Resp: 123639
 Ion Ratio Lower Upper
 79 100
 52 83.8 63.2 94.8
 51 38.0 31.9 47.9

Manual Integrations
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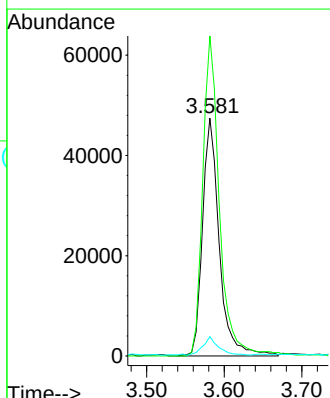
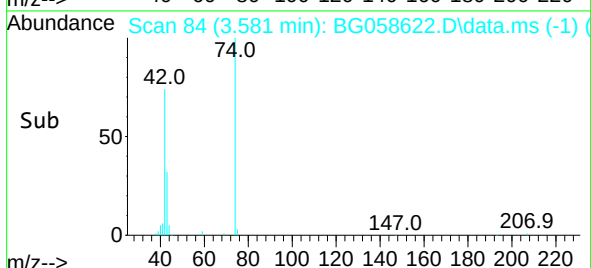
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

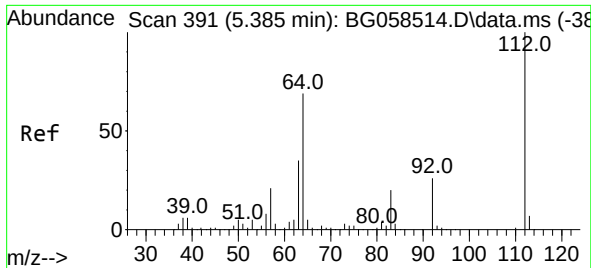


#4
 n-Nitrosodimethylamine
 Concen: 45.705 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30



Tgt Ion: 42 Resp: 71259
 Ion Ratio Lower Upper
 42 100
 74 134.5 111.5 167.3
 44 8.2 5.4 8.2





#5
2-Fluorophenol
Concen: 151.108 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

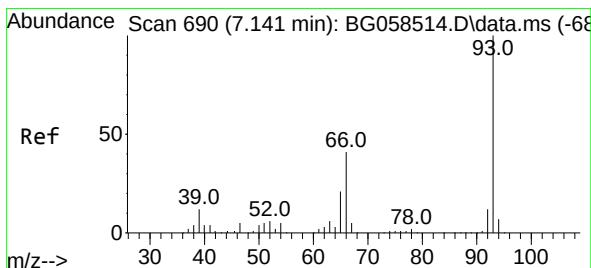
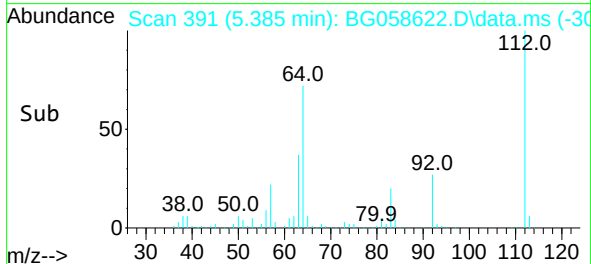
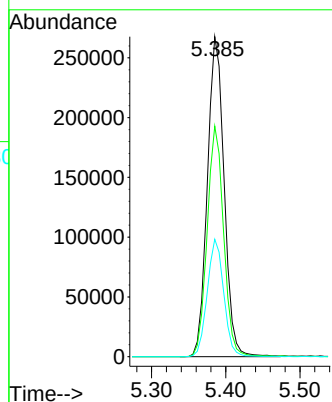
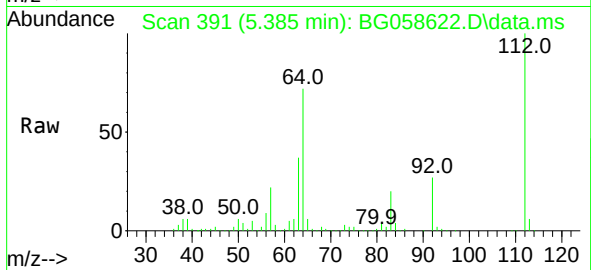
PB154530BS

Tgt Ion:112 Resp: 420879
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 36.7 28.3 42.5

Manual Integrations

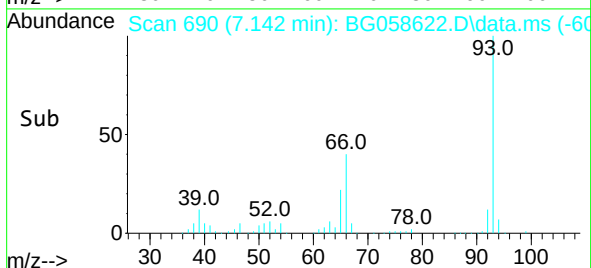
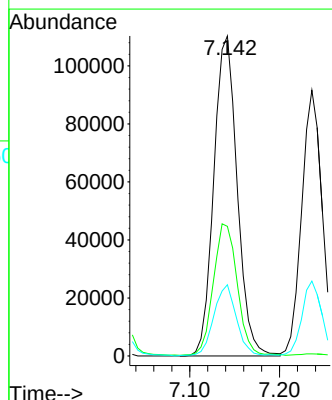
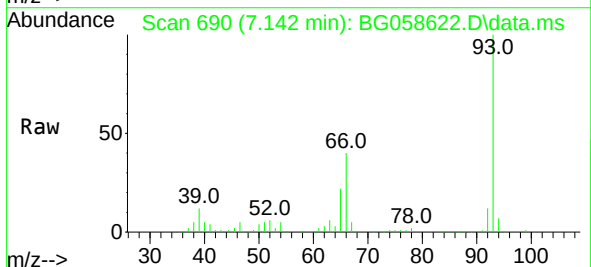
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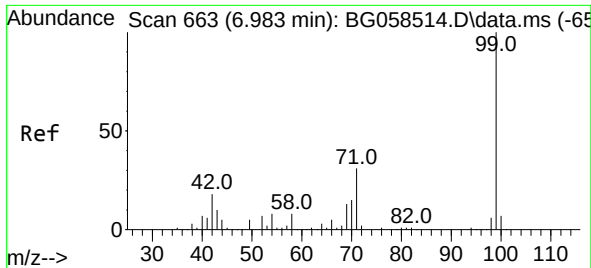
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#6
Aniline
Concen: 41.850 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion: 93 Resp: 199695
Ion Ratio Lower Upper
93 100
66 40.5 33.1 49.7
65 22.2 17.0 25.4





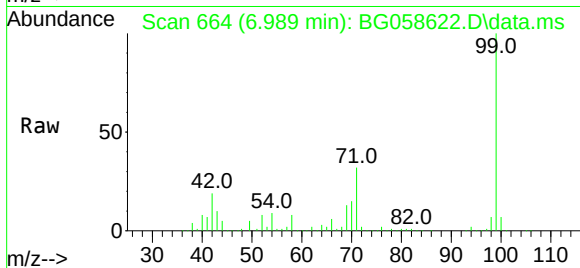
#7
Phenol-d6
Concen: 152.913 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

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PB154530BS



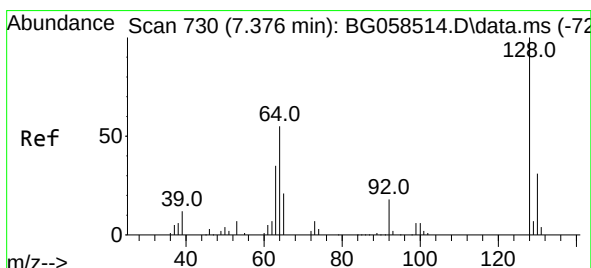
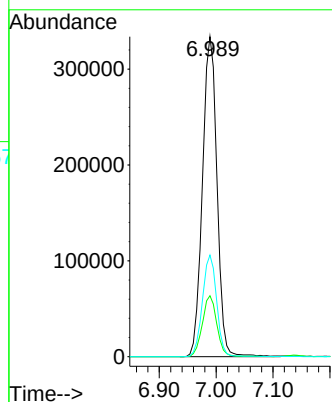
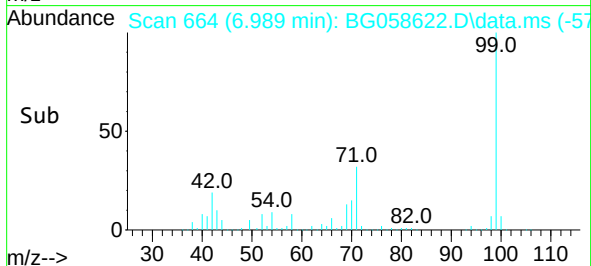
Tgt Ion: 99 Resp: 59264
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.8 25.0 37.4

Manual Integrations

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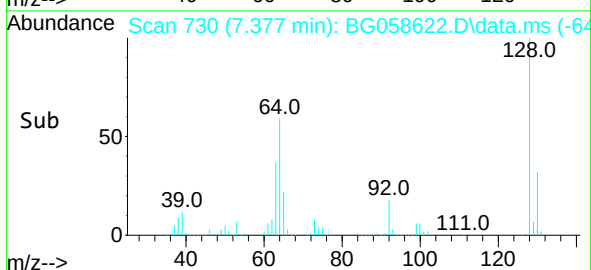
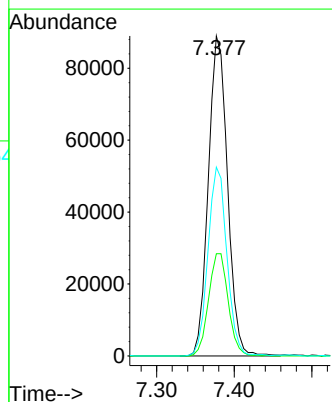
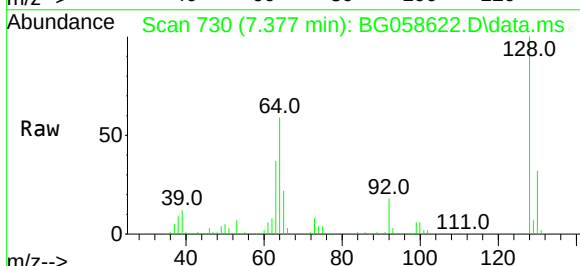
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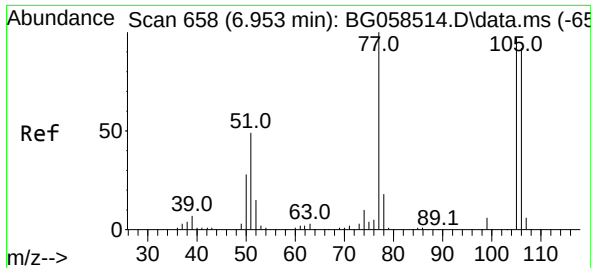
Supervised By :mohammad ahmed 08/08/2023



#8
2-Chlorophenol
Concen: 55.907 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:128 Resp: 152762
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 59.0 39.0 79.0





#9
Benzaldehyde
Concen: 31.023 ng
RT: 6.954 min Scan# 658
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

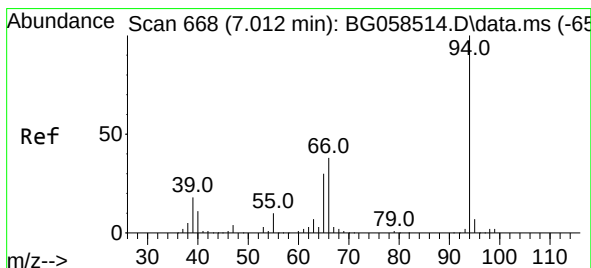
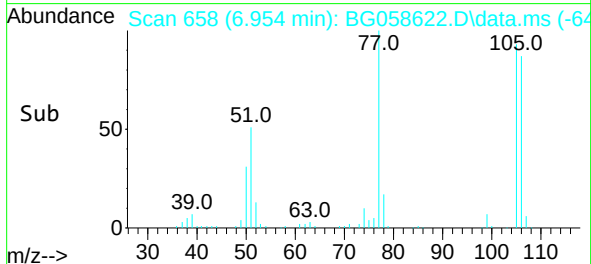
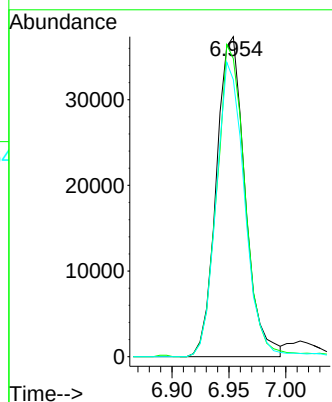
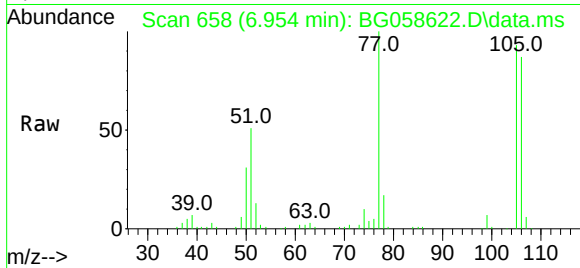
PB154530BS

Tgt Ion: 77 Resp: 6532
Ion Ratio Lower Upper
77 100
105 93.1 77.1 117.1
106 86.6 71.6 111.6

Manual Integrations

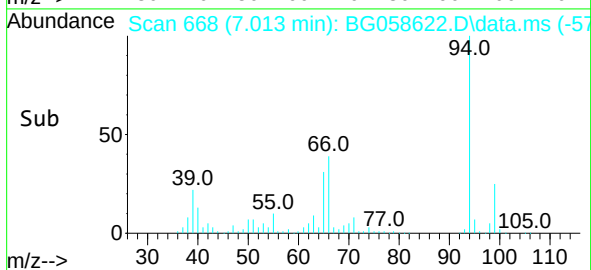
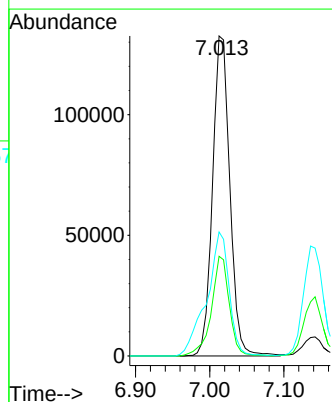
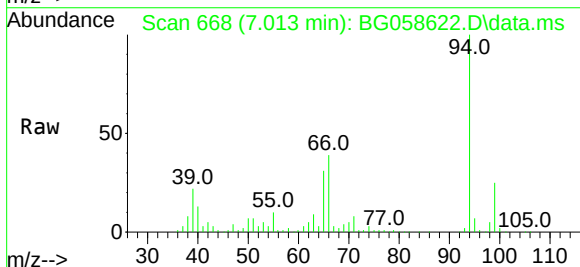
APPROVED

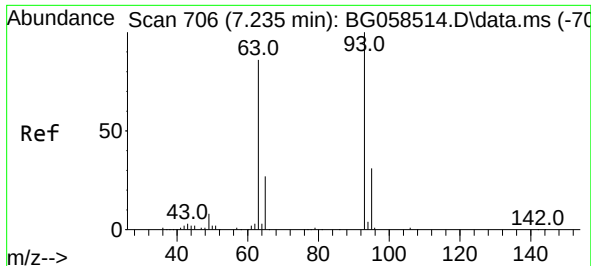
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#10
Phenol
Concen: 56.805 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

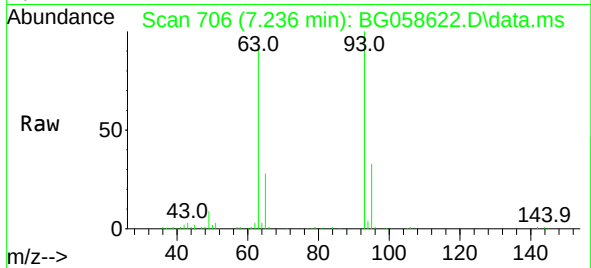
Tgt Ion: 94 Resp: 215061
Ion Ratio Lower Upper
94 100
65 31.2 10.4 50.4
66 38.8 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 48.540 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

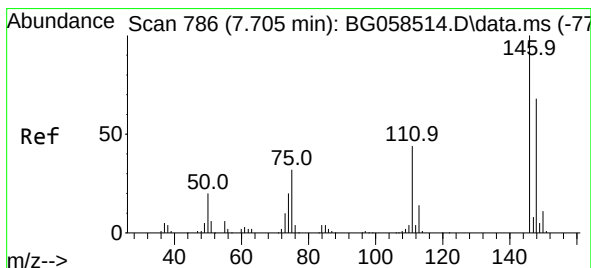
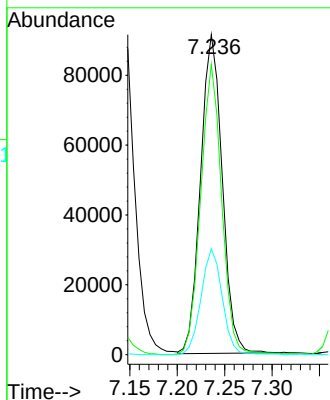
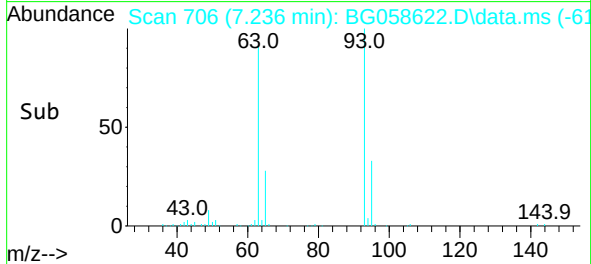
Instrument :
BNA_G
ClientSampleId :
PB154530BS



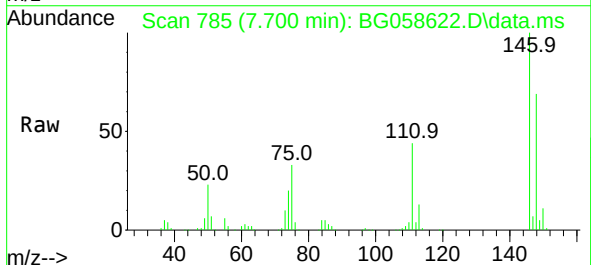
Tgt Ion: 93 Resp: 144870
Ion Ratio Lower Upper
93 100
63 90.7 65.5 105.5
95 33.1 11.2 51.2

Manual Integrations
APPROVED

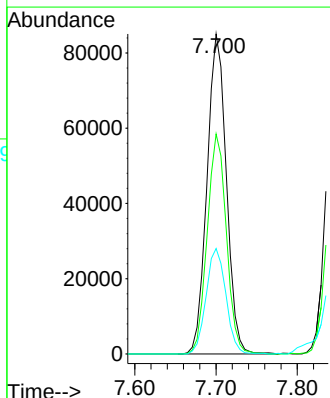
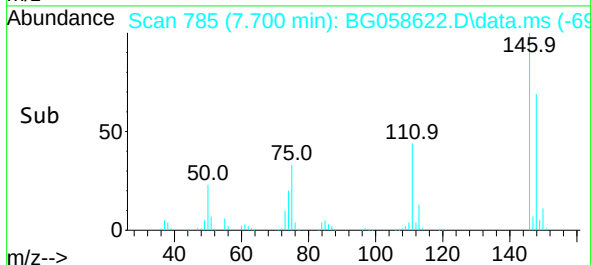
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

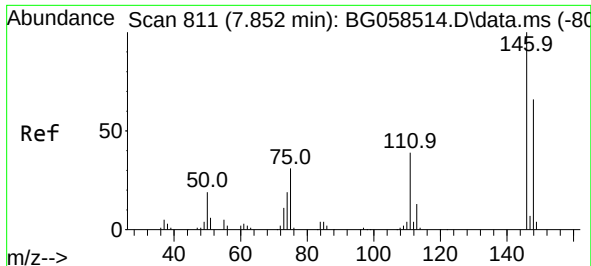


#12
1,3-Dichlorobenzene
Concen: 48.221 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.005 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:146 Resp: 140697
Ion Ratio Lower Upper
146 100
148 68.8 54.7 82.1
75 33.0 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.729 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion:146 Resp: 14568

Ion Ratio Lower Upper

146 100

148 66.1 52.8 79.2

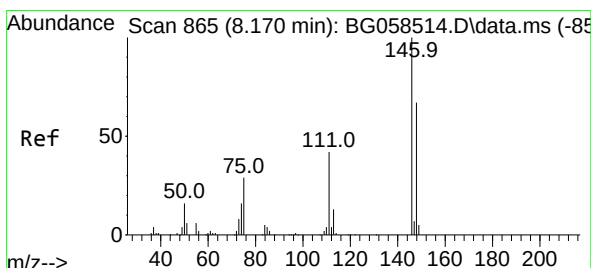
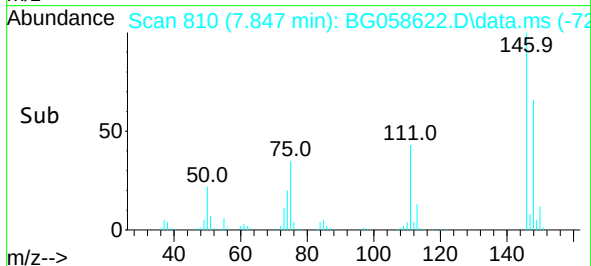
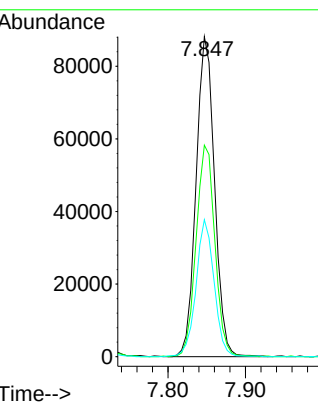
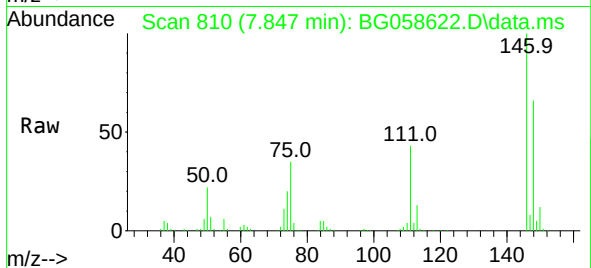
111 42.8 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#14

1,2-Dichlorobenzene

Concen: 51.130 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

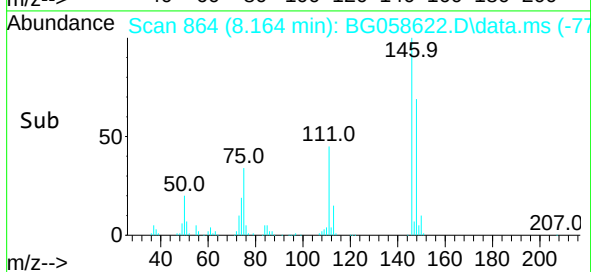
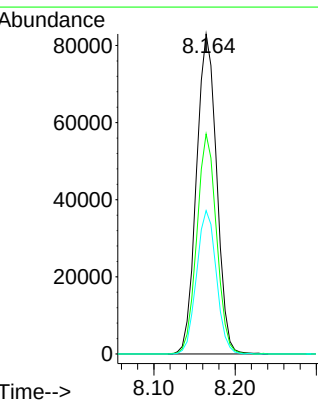
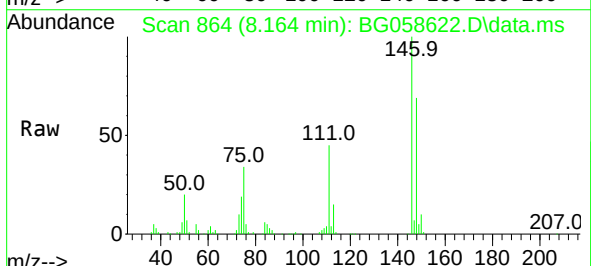
Tgt Ion:146 Resp: 143216

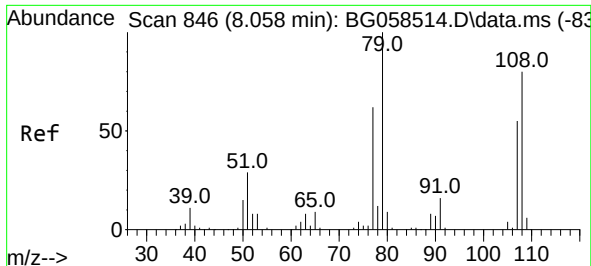
Ion Ratio Lower Upper

146 100

148 68.7 53.4 80.2

111 44.8 34.2 51.2





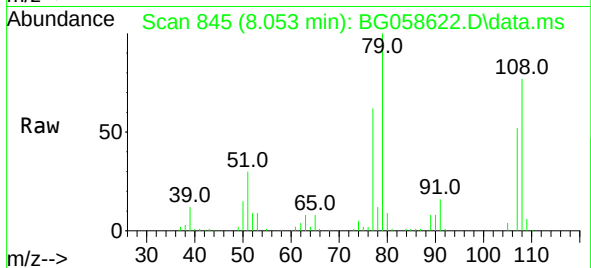
#15
Benzyl Alcohol
Concen: 60.602 ng
RT: 8.053 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

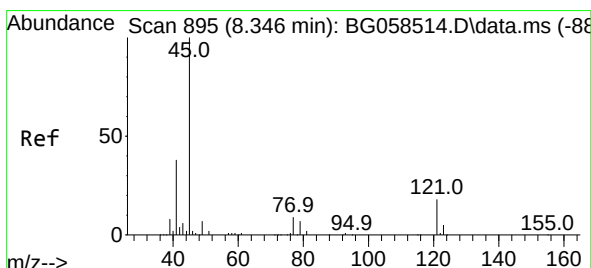
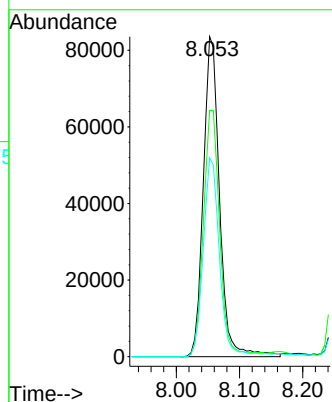
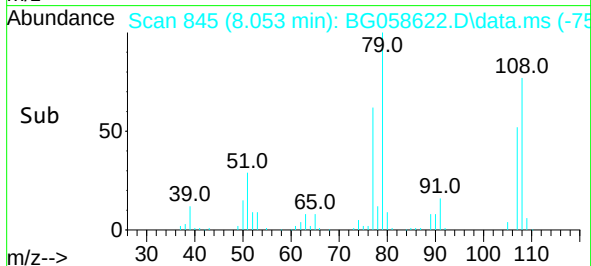
PB154530BS



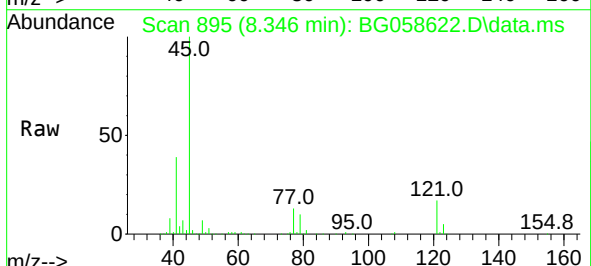
Tgt Ion: 79 Resp: 14895
Ion Ratio Lower Upper
79 100
108 77.0 63.8 95.6
77 62.2 49.8 74.6

Manual Integrations
APPROVED

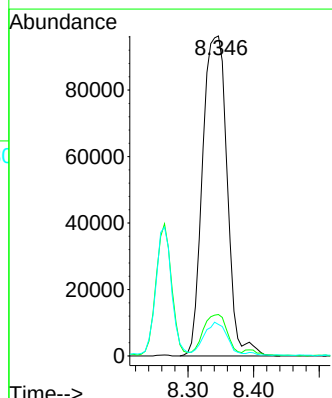
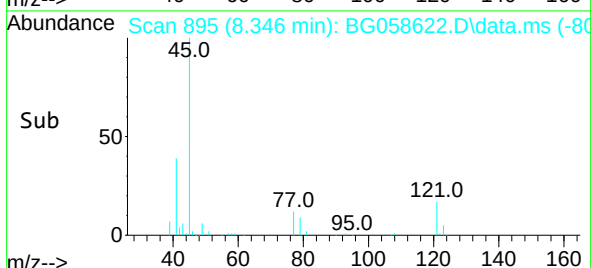
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

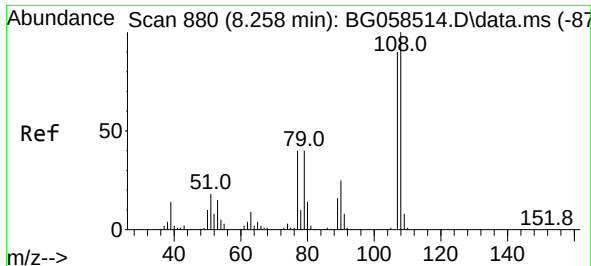


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.605 ng
RT: 8.346 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion: 45 Resp: 250199
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 9.9 0.0 30.2





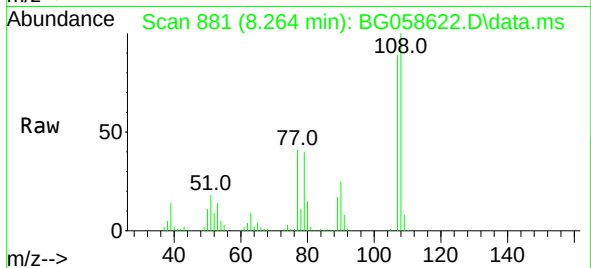
#17
2-Methylphenol
Concen: 53.270 ng
RT: 8.264 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

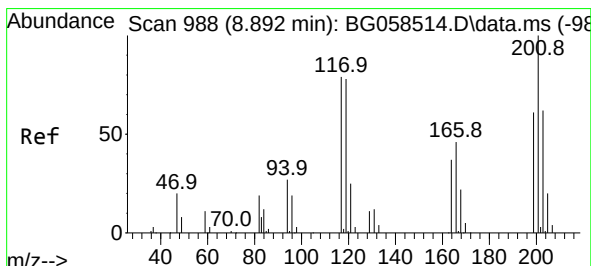
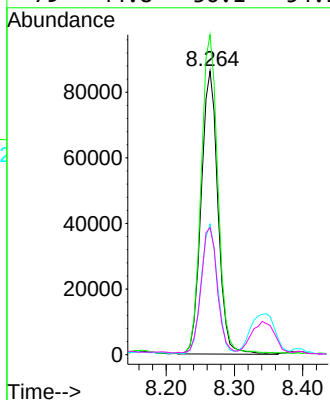
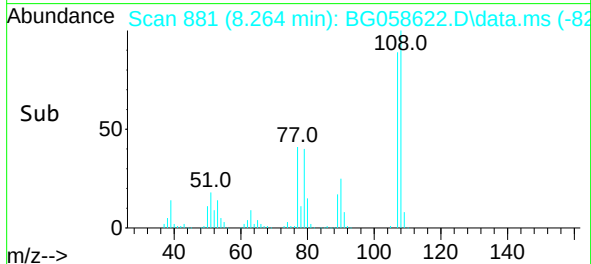


Tgt Ion:107 Resp: 147462
Ion Ratio Lower Upper
107 100
108 112.9 89.1 133.7
77 46.0 36.2 54.4
79 44.8 36.1 54.1

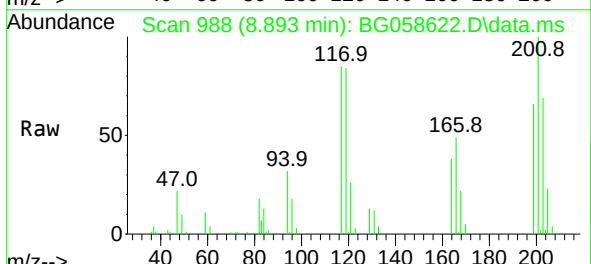
Manual Integrations

APPROVED

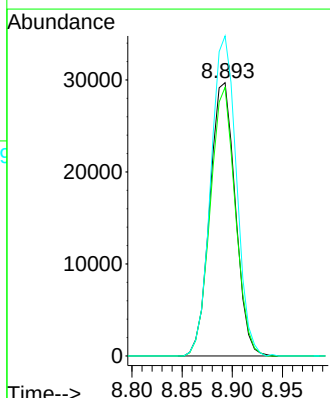
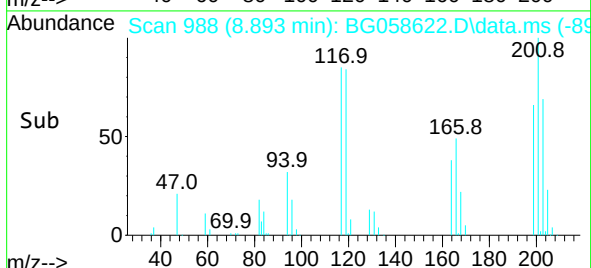
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

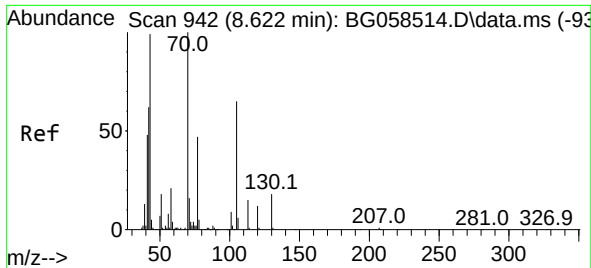


#18
Hexachloroethane
Concen: 49.149 ng
RT: 8.893 min Scan# 988
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:117 Resp: 52336
Ion Ratio Lower Upper
117 100
119 98.3 78.6 117.8
201 117.1 101.4 152.0





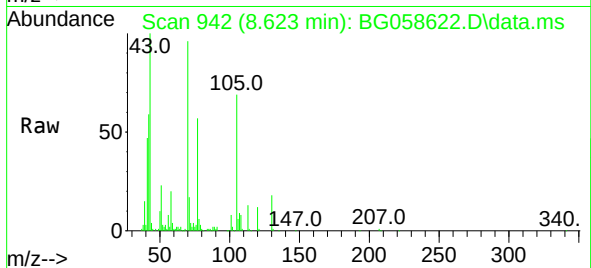
#19
n-Nitroso-di-n-propylamine
Concen: 50.728 ng
RT: 8.623 min Scan# 942
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

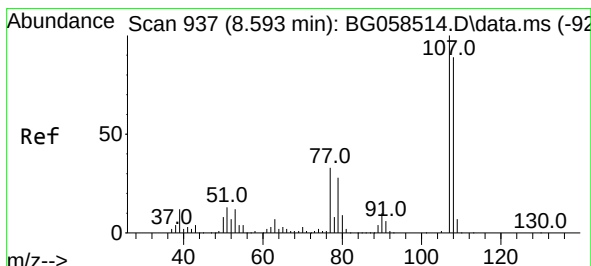
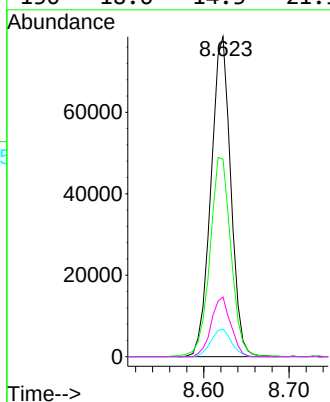
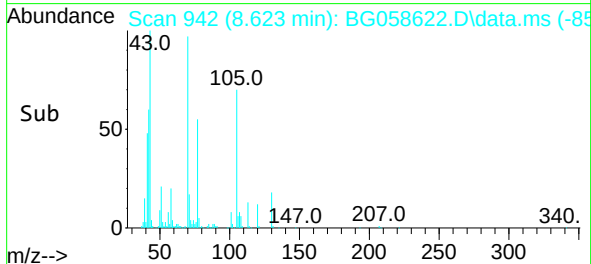


Tgt Ion: 70 Resp: 126992
Ion Ratio Lower Upper
70 100
42 61.7 49.7 74.5
101 8.7 7.0 10.4
130 18.6 14.3 21.5

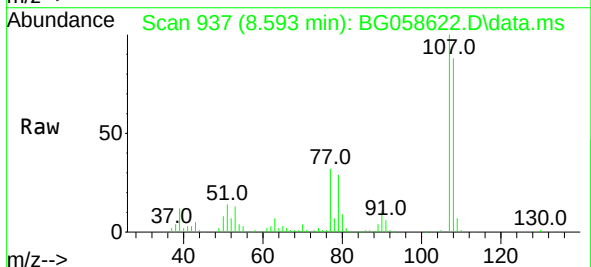
Manual Integrations

APPROVED

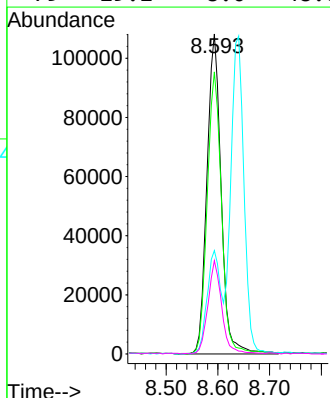
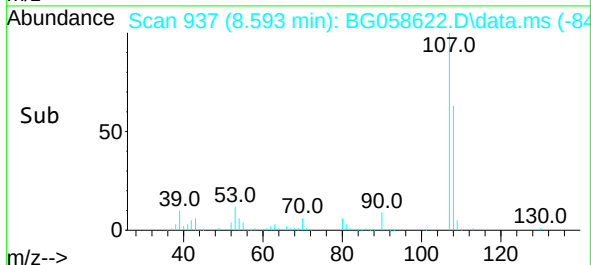
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

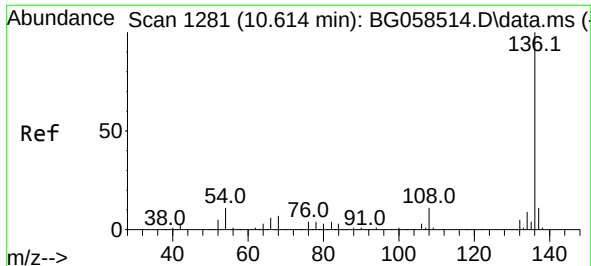


#20
3+4-Methylphenols
Concen: 55.234 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:107 Resp: 206817
Ion Ratio Lower Upper
107 100
108 88.1 69.4 109.4
77 32.3 13.0 53.0
79 29.2 8.0 48.0





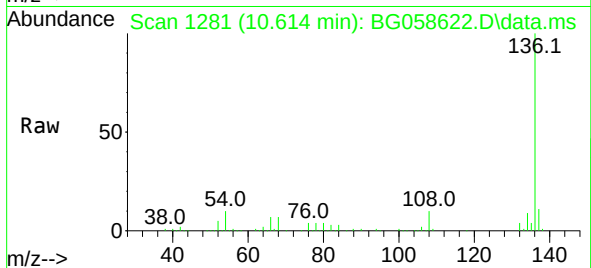
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS



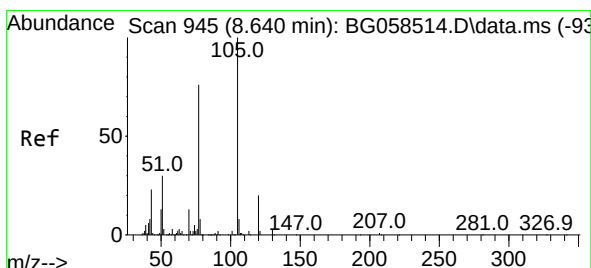
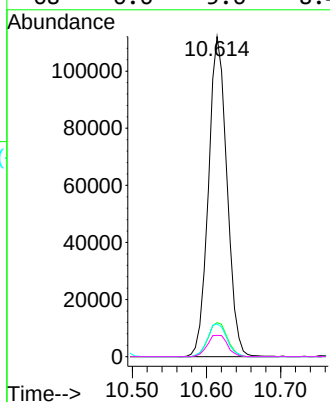
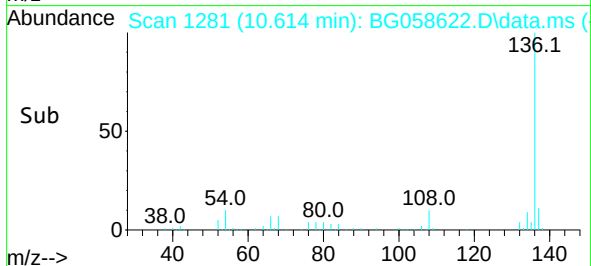
Tgt Ion:136 Resp: 194180
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations

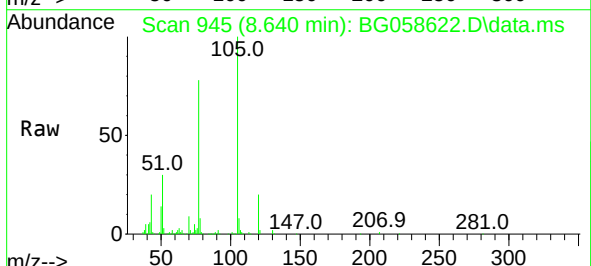
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

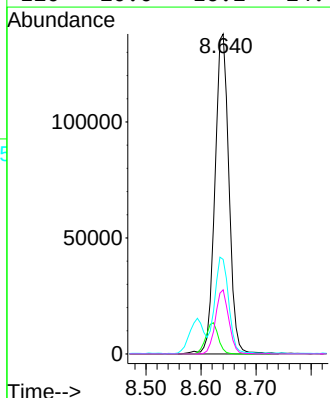
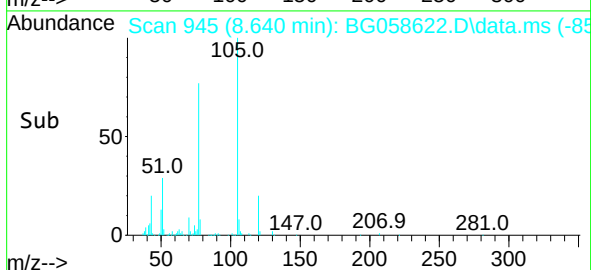
Supervised By :mohammad ahmed 08/08/2023

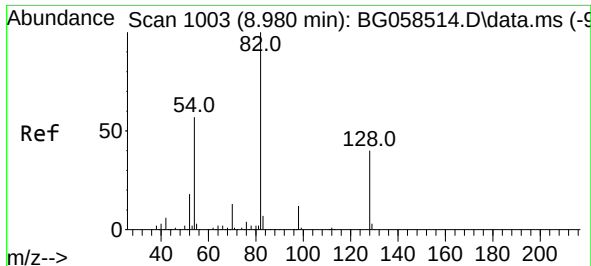


#22
Acetophenone
Concen: 46.879 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:105 Resp: 243750
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.6#
51 29.5 24.2 36.2
120 20.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 90.078 ng

RT: 8.981 min Scan# 1003

Delta R.T. 0.001 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion: 82 Resp: 356068

Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.2

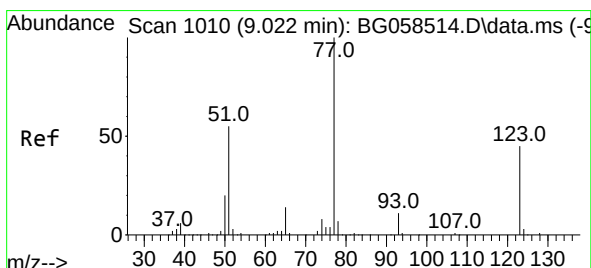
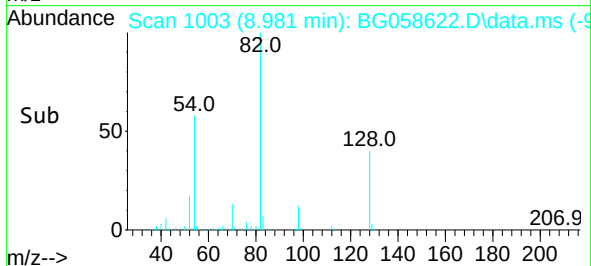
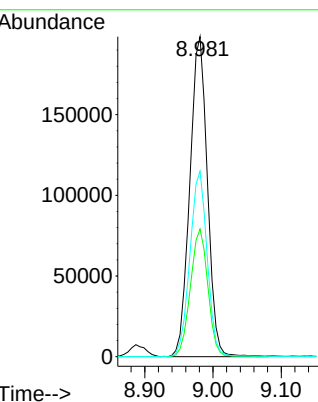
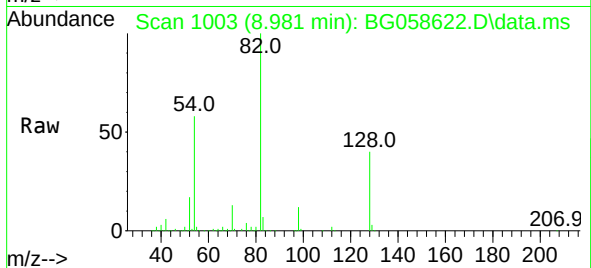
54 57.9 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#24

Nitrobenzene

Concen: 45.257 ng

RT: 9.022 min Scan# 1010

Delta R.T. 0.001 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

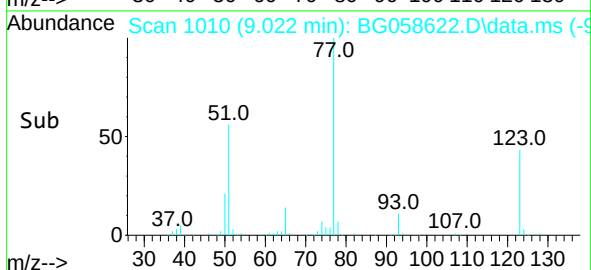
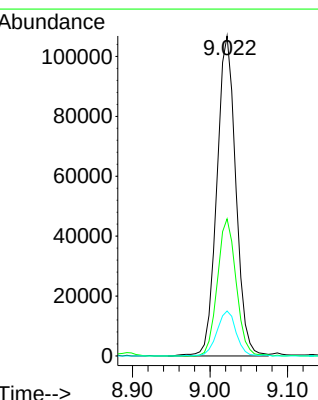
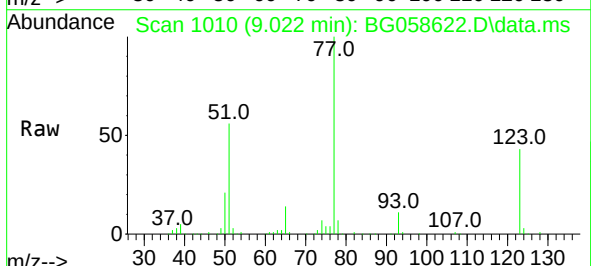
Tgt Ion: 77 Resp: 181869

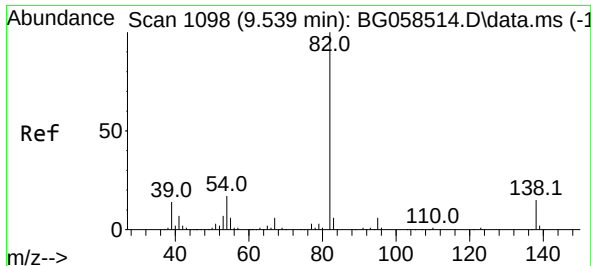
Ion Ratio Lower Upper

77 100

123 42.9 35.6 53.4

65 14.1 11.4 17.0





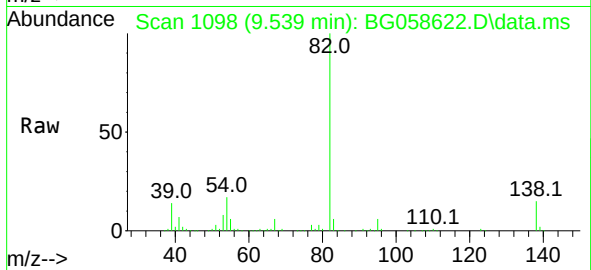
#25
Isophorone
Concen: 46.390 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

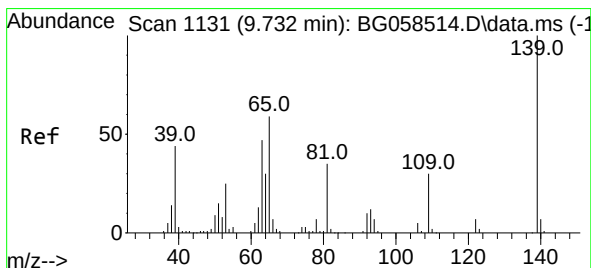
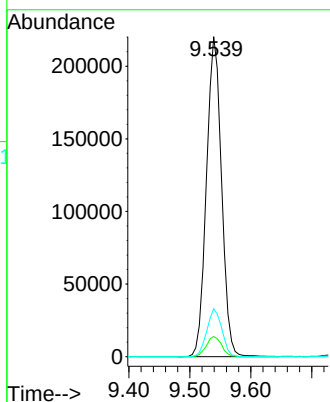
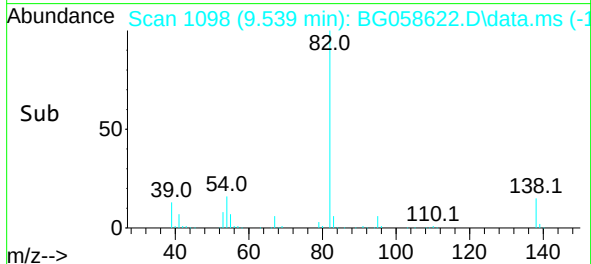


Tgt Ion: 82 Resp: 37888
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 15.0 11.9 17.9

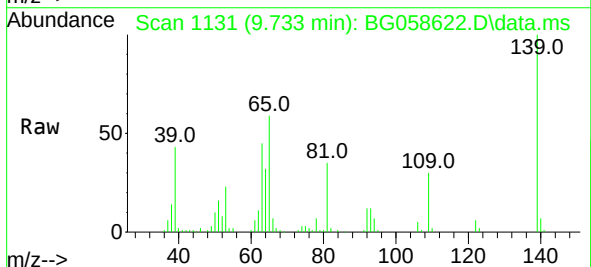
Manual Integrations

APPROVED

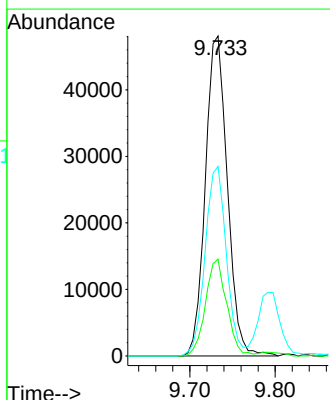
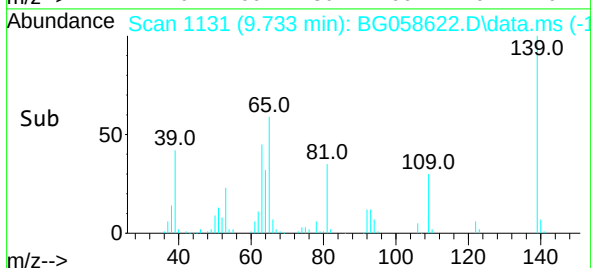
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

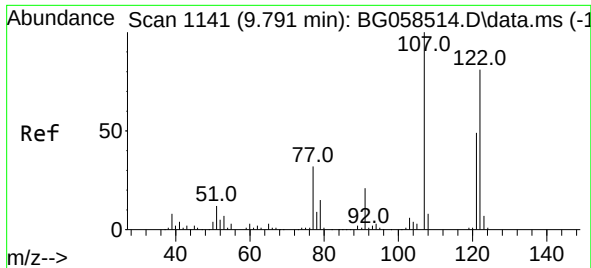


#26
2-Nitrophenol
Concen: 49.258 ng
RT: 9.733 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:139 Resp: 86167
Ion Ratio Lower Upper
139 100
109 30.3 24.2 36.2
65 59.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.754 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.001 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

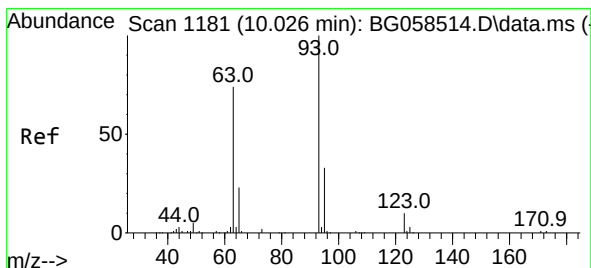
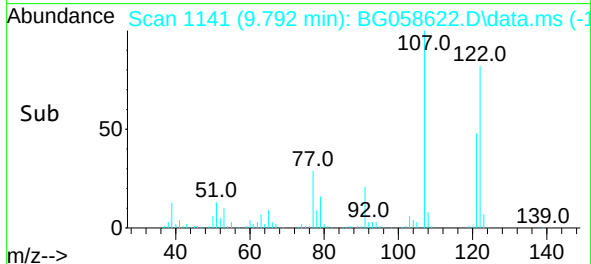
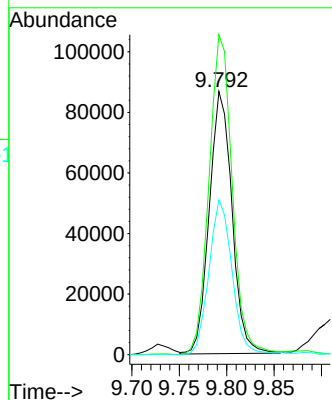
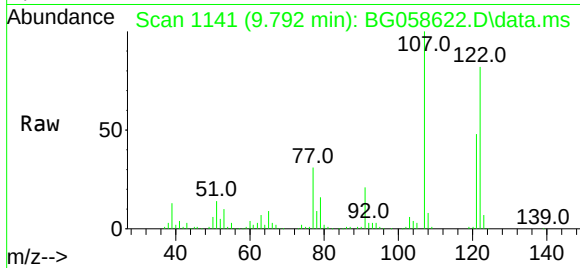
PB154530BS

Tgt Ion:122 Resp: 14436
 Ion Ratio Lower Upper
 122 100
 107 121.6 98.0 147.0
 121 58.8 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.997 ng

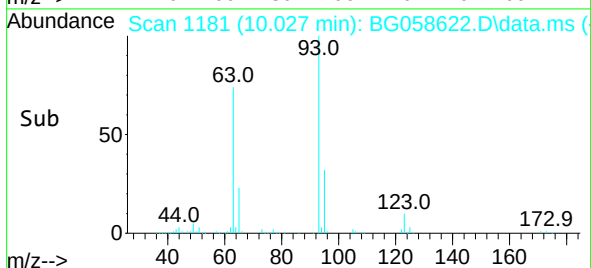
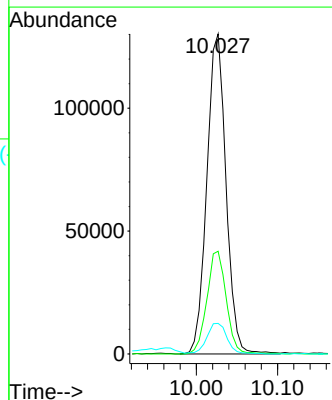
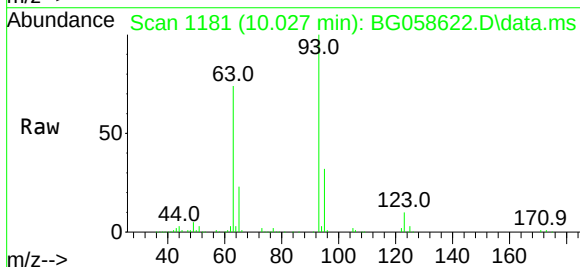
RT: 10.027 min Scan# 1181

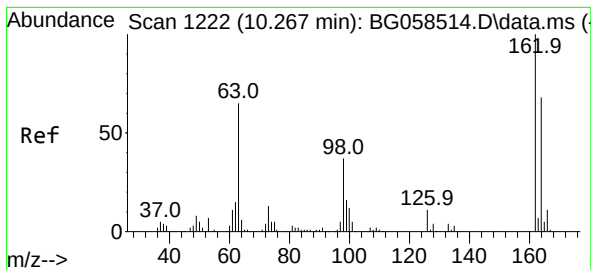
Delta R.T. 0.001 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

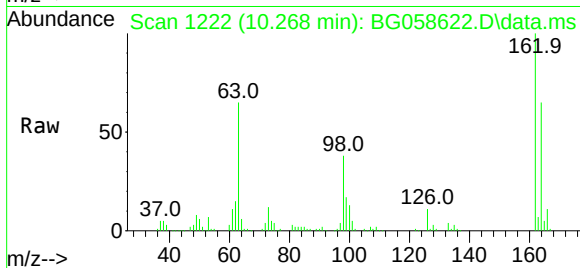
Tgt Ion: 93 Resp: 213332
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 9.6 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 52.856 ng
RT: 10.268 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

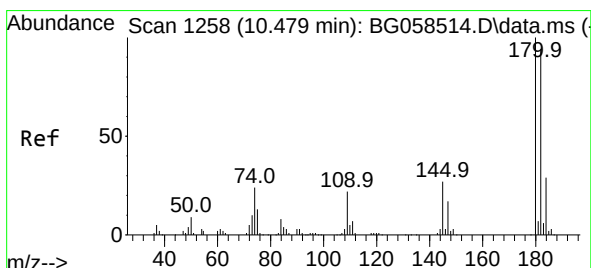
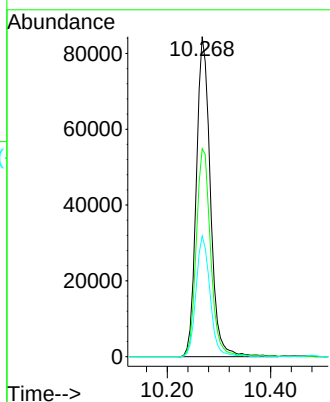
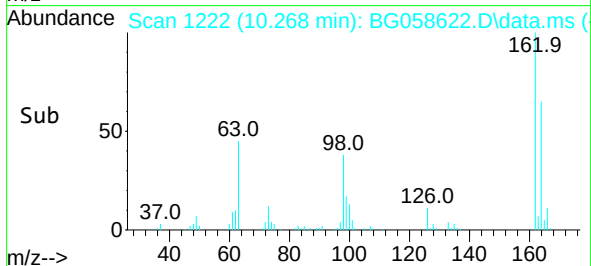
Instrument :
BNA_G
ClientSampleId :
PB154530BS



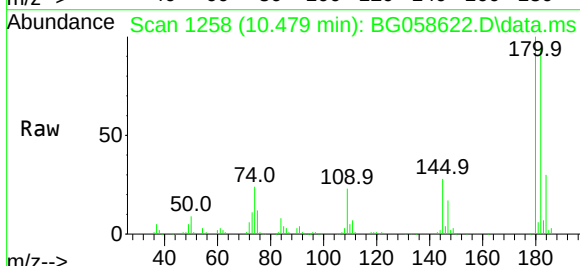
Tgt Ion:162 Resp: 15924
Ion Ratio Lower Upper
162 100
164 65.0 47.6 87.6
98 37.8 17.1 57.1

Manual Integrations
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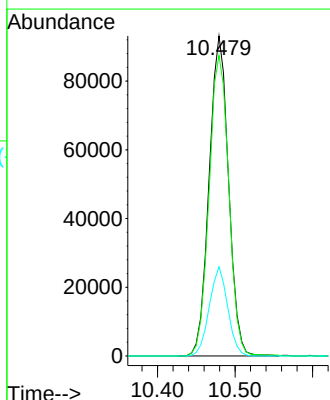
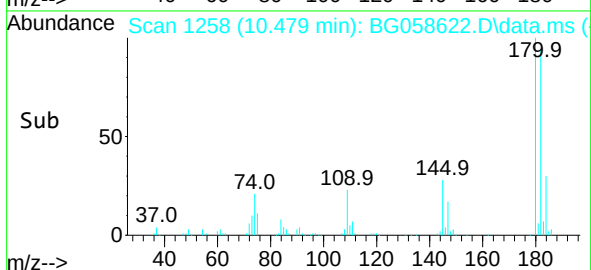
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

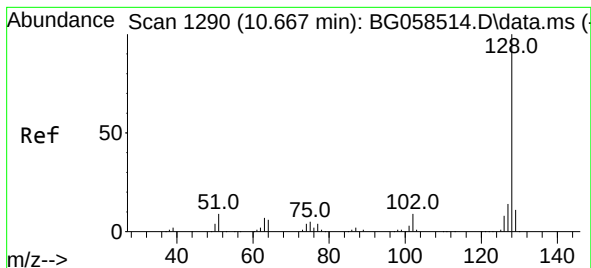


#30
1,2,4-Trichlorobenzene
Concen: 46.543 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:180 Resp: 161711
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.4
145 27.8 21.9 32.9





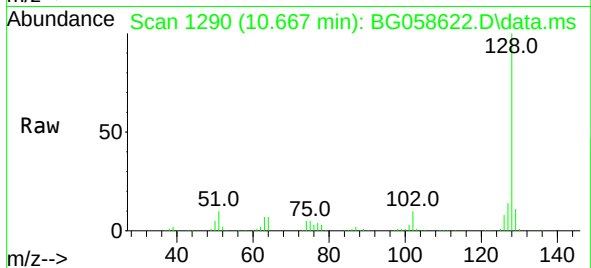
#31
Naphthalene
Concen: 45.461 ng
RT: 10.667 min Scan# 1170
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

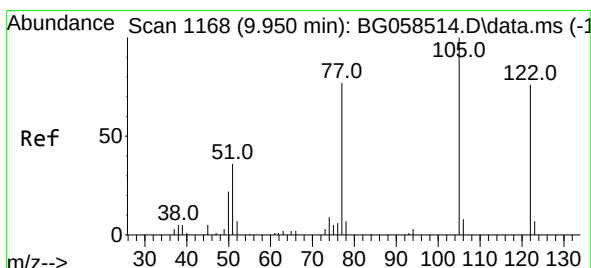
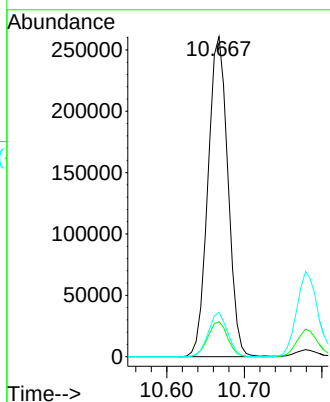
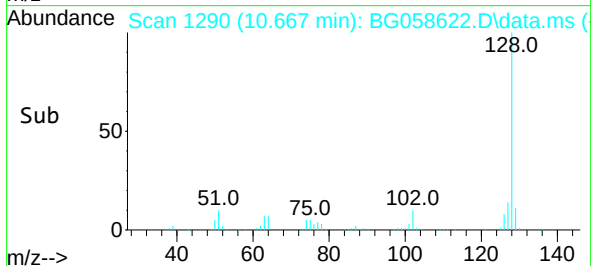


Tgt Ion:128 Resp: 46528
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.9 10.9 16.3

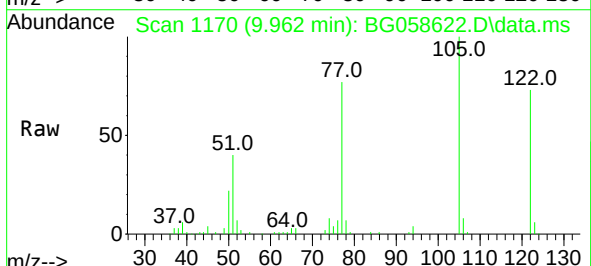
Manual Integrations

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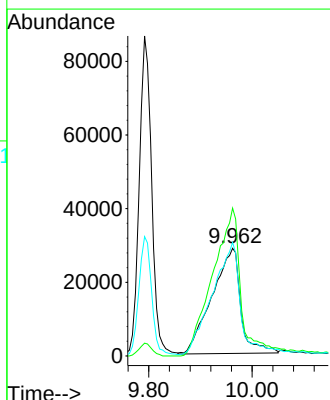
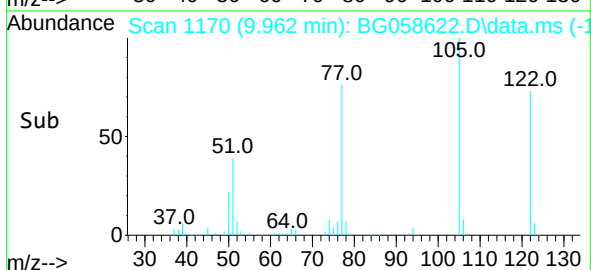
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

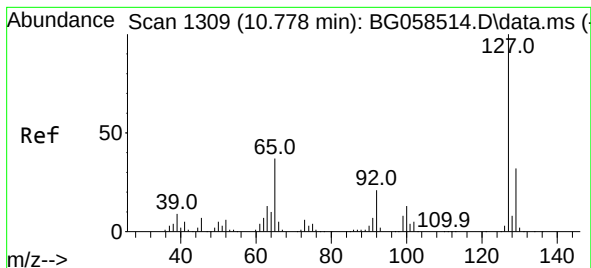


#32
Benzoic acid
Concen: 49.628 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:122 Resp: 110312
Ion Ratio Lower Upper
122 100
105 137.3 106.5 146.5
77 105.4 78.1 118.1





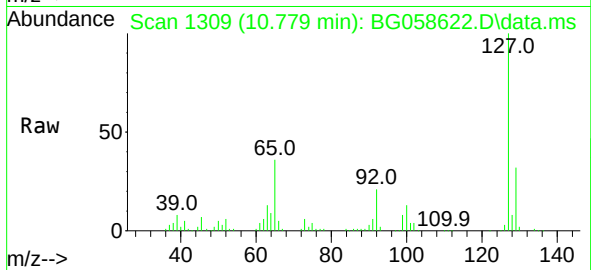
#33
4-Chloroaniline
Concen: 31.306 ng
RT: 10.779 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

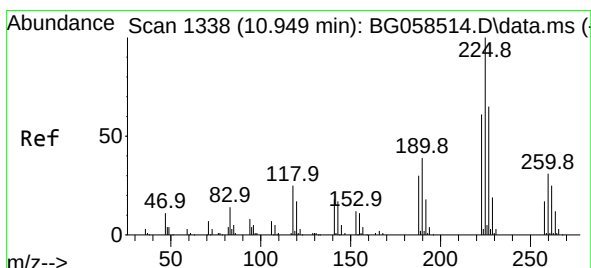
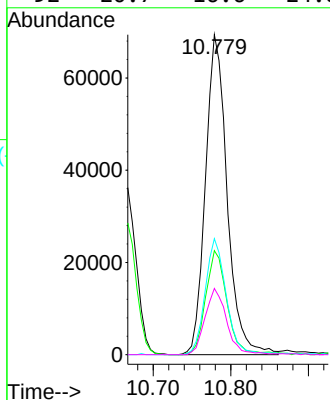
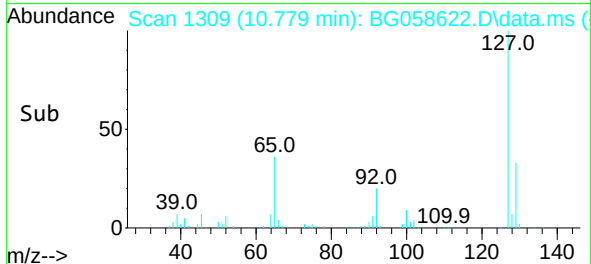


Tgt Ion:127 Resp: 135372
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2
65 36.2 29.5 44.3
92 20.7 16.6 24.8

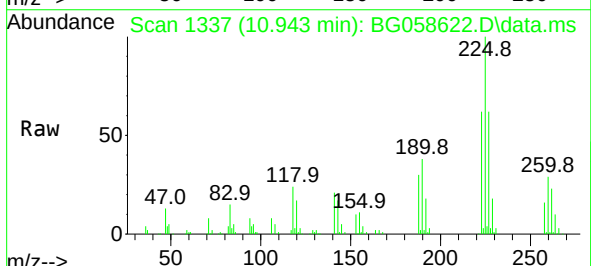
Manual Integrations

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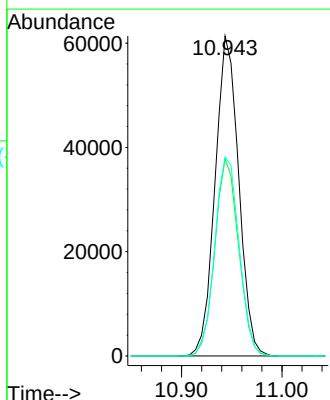
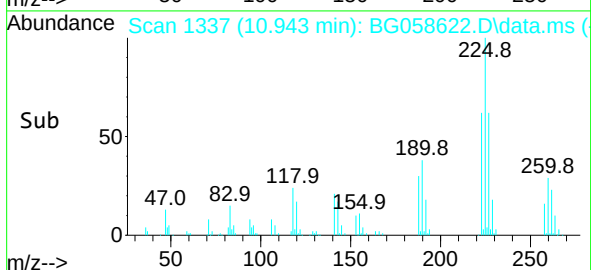
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

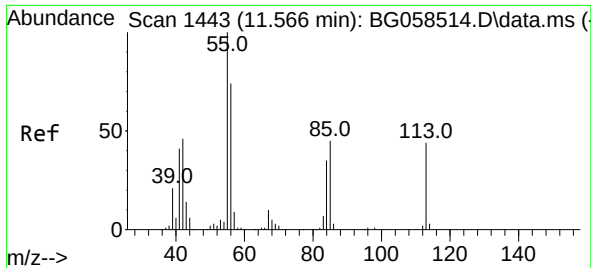


#34
Hexachlorobutadiene
Concen: 44.702 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



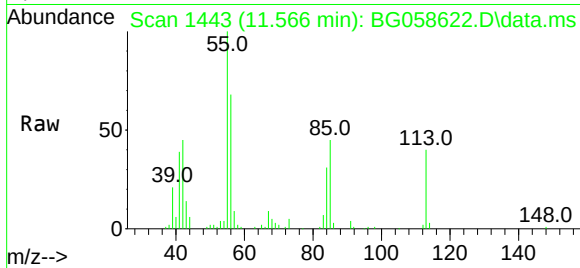
Tgt Ion:225 Resp: 100021
Ion Ratio Lower Upper
225 100
223 61.6 49.0 73.6
227 62.2 51.7 77.5





#35
Caprolactam
Concen: 55.673 ng m
RT: 11.566 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

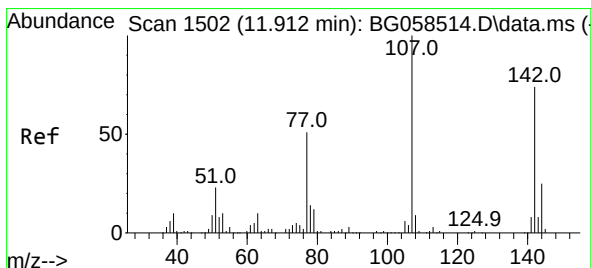
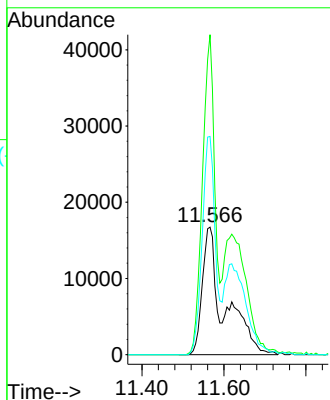
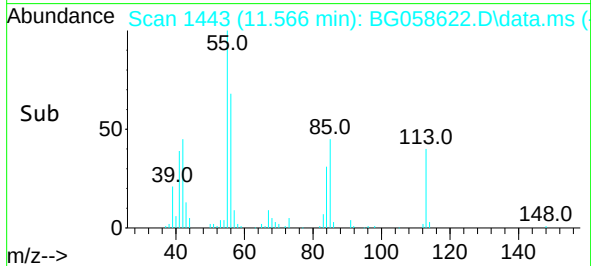
Instrument :
BNA_G
ClientSampleId :
PB154530BS



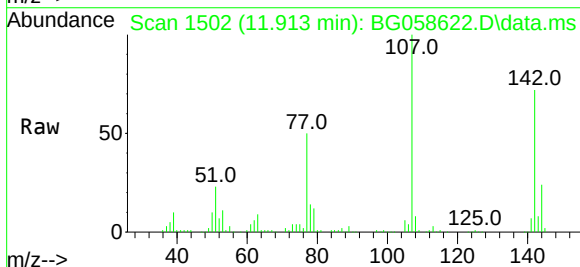
Tgt Ion:113 Resp: 61938
Ion Ratio Lower Upper
113 100
55 250.9 208.0 248.0
56 171.2 148.6 188.6

Manual Integrations
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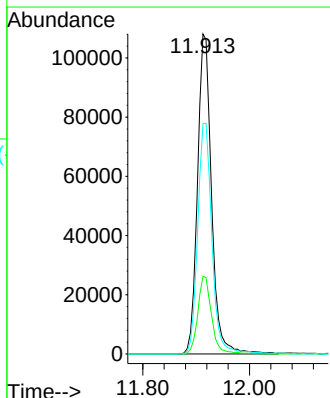
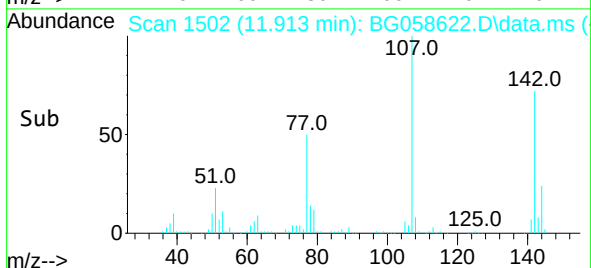
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

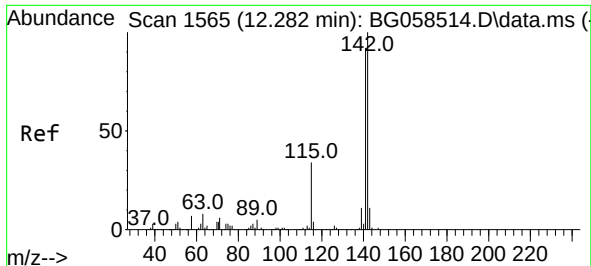


#36
4-Chloro-3-methylphenol
Concen: 53.146 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:107 Resp: 198066
Ion Ratio Lower Upper
107 100
144 24.3 19.6 29.4
142 72.1 59.3 88.9





#37
2-Methylnaphthalene
Concen: 45.236 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

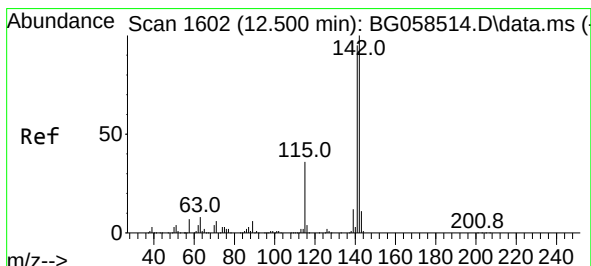
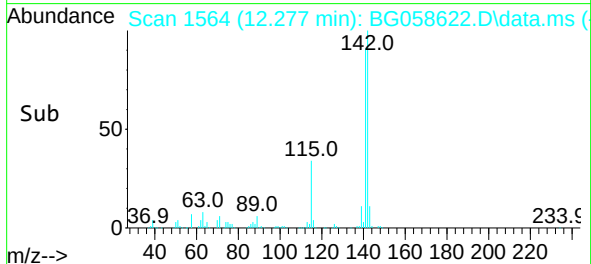
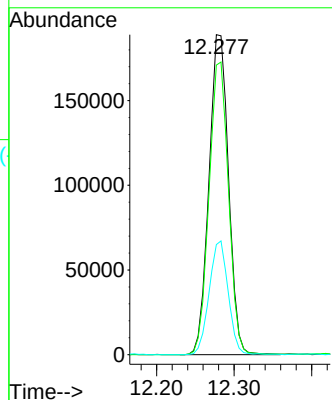
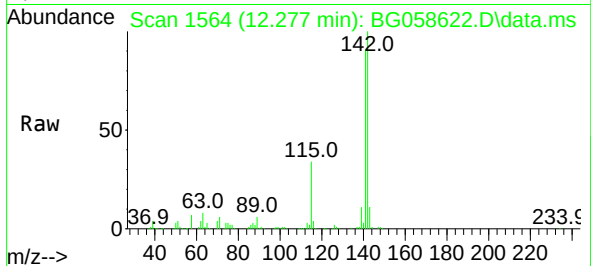
PB154530BS

Tgt Ion:142 Resp: 331172
Ion Ratio Lower Upper
142 100
141 90.5 73.5 110.3
115 34.4 27.4 41.0

Manual Integrations

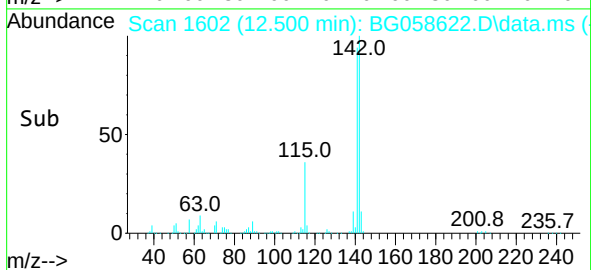
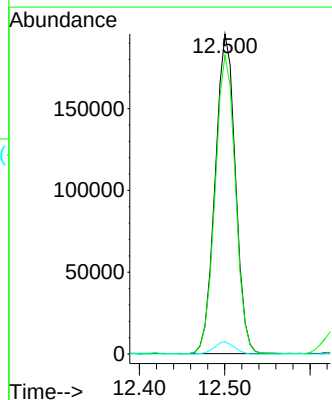
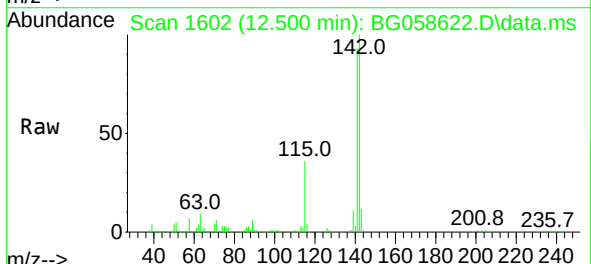
APPROVED

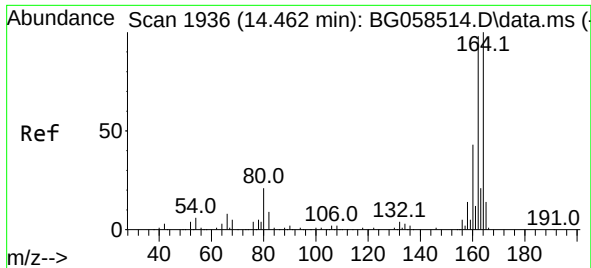
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#38
1-Methylnaphthalene
Concen: 46.154 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:142 Resp: 321198
Ion Ratio Lower Upper
142 100
141 93.4 75.7 113.5
116 3.9 3.2 4.8





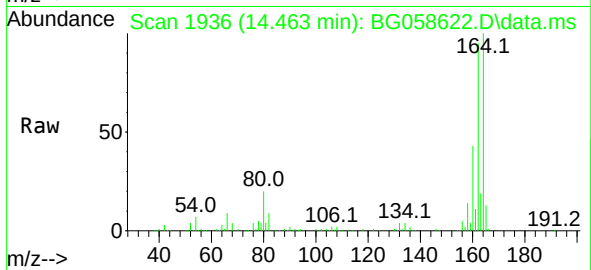
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

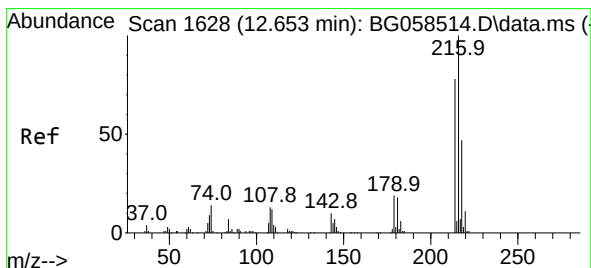
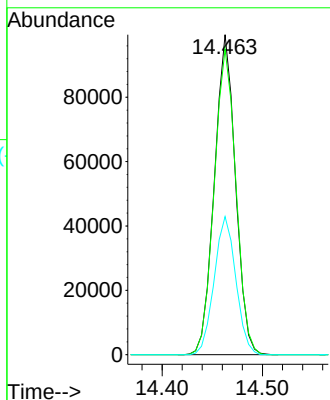
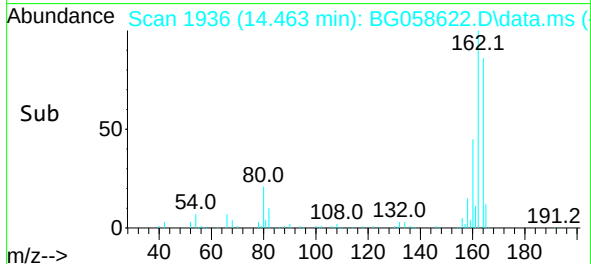


Tgt Ion:164 Resp: 144820
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 43.1 34.1 51.1

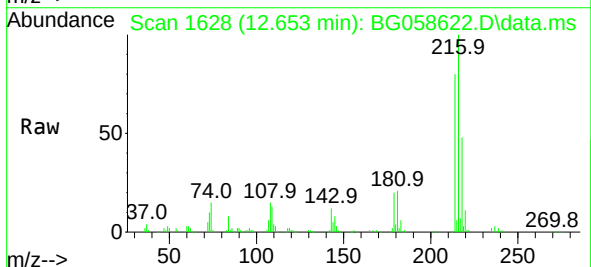
Manual Integrations

APPROVED

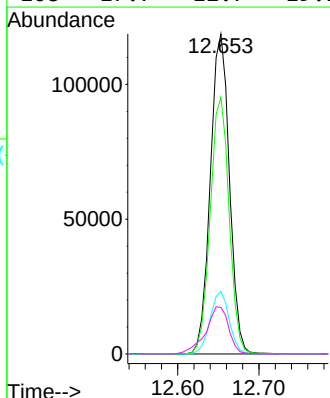
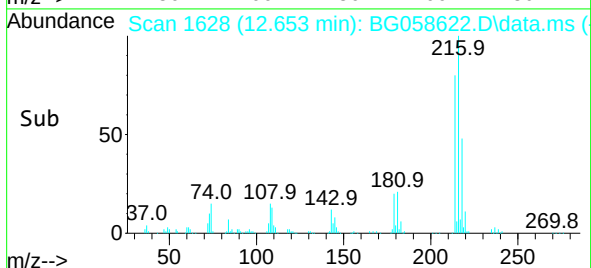
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

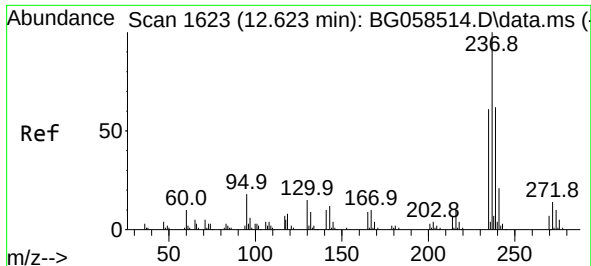


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.601 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:216 Resp: 193864
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 19.6 15.6 23.4
108 17.7 12.7 19.1





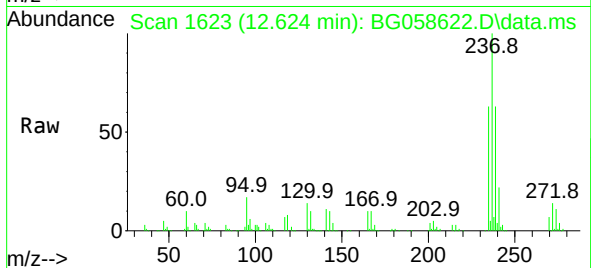
#41
Hexachlorocyclopentadiene
Concen: 94.898 ng
RT: 12.624 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

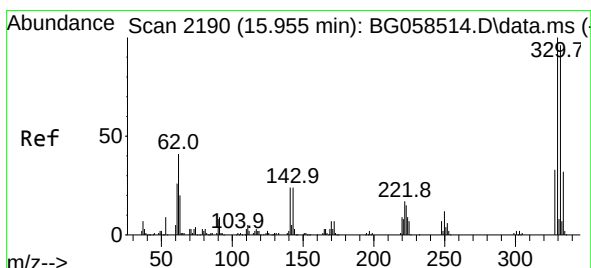
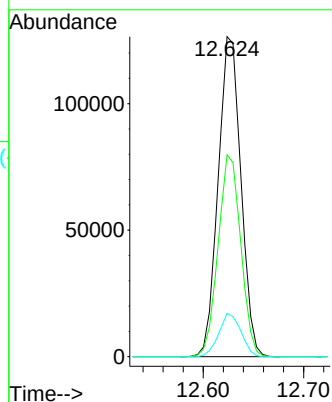
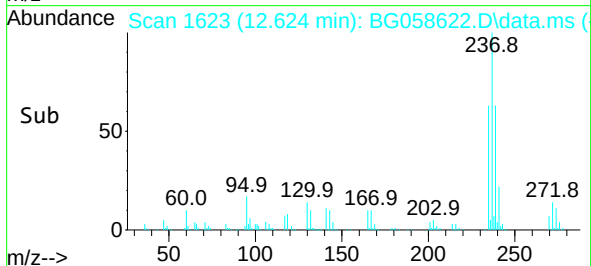


Tgt Ion:237 Resp: 198844
Ion Ratio Lower Upper
237 100
235 63.1 41.0 81.0
272 13.5 0.0 33.6

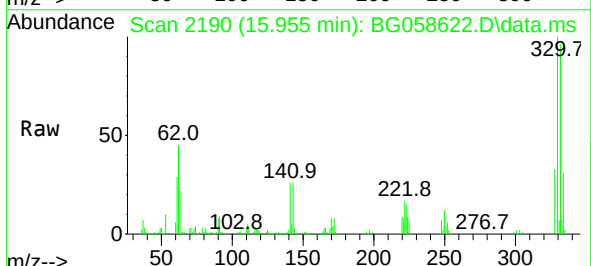
Manual Integrations

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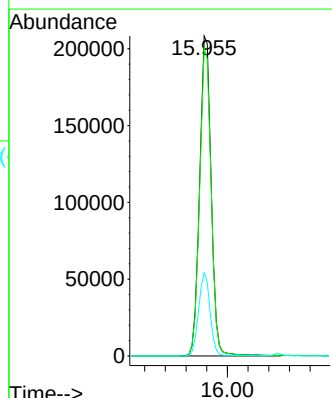
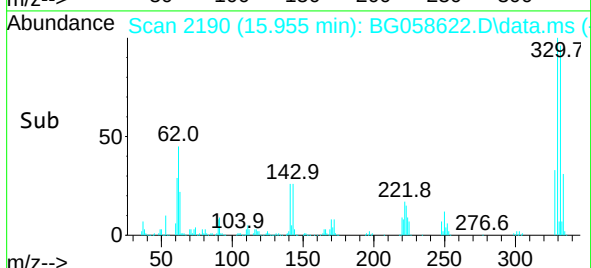
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

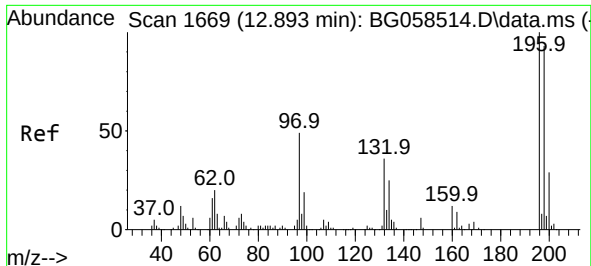


#42
2,4,6-Tribromophenol
Concen: 136.150 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:330 Resp: 323192
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 25.9 20.7 31.1





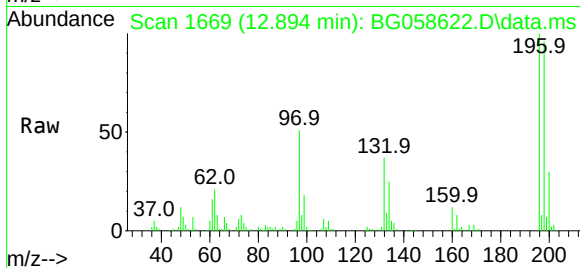
#43
2,4,6-Trichlorophenol
Concen: 48.452 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

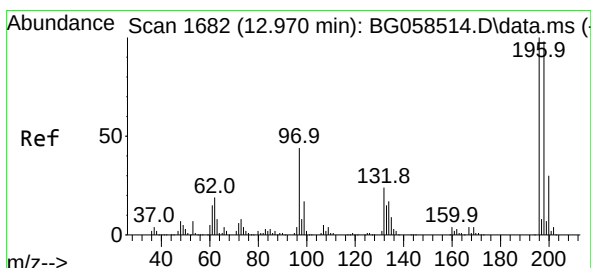
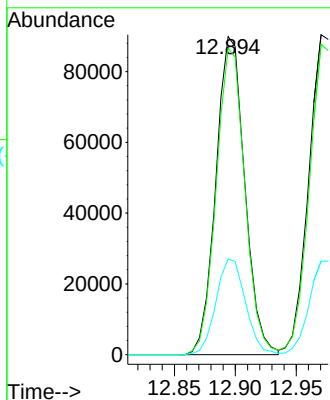
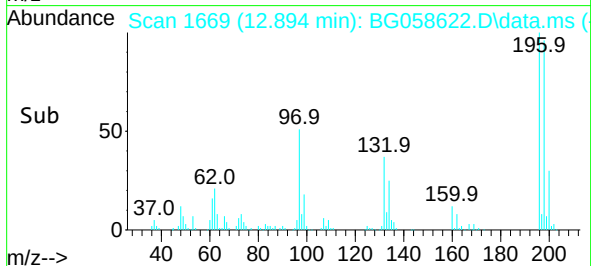


Tgt Ion:196 Resp: 148178
Ion Ratio Lower Upper
196 100
198 96.2 74.2 111.4
200 30.1 22.9 34.3

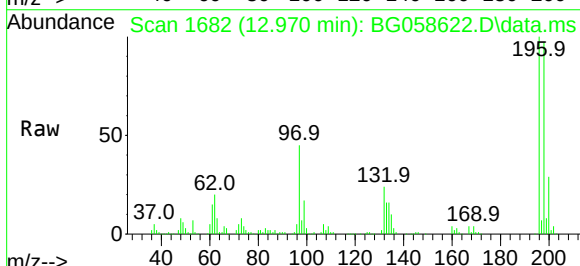
Manual Integrations

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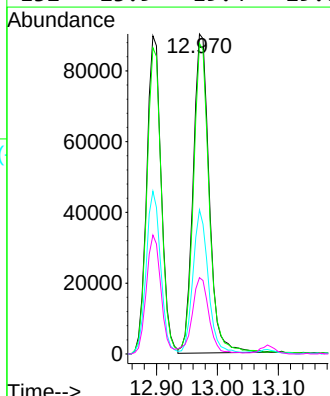
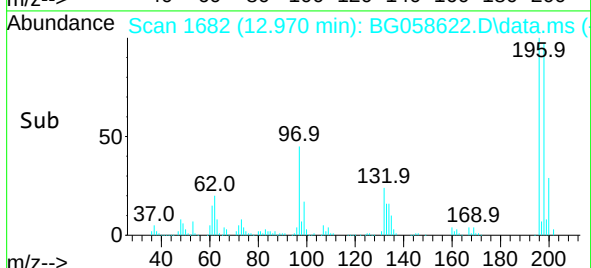
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

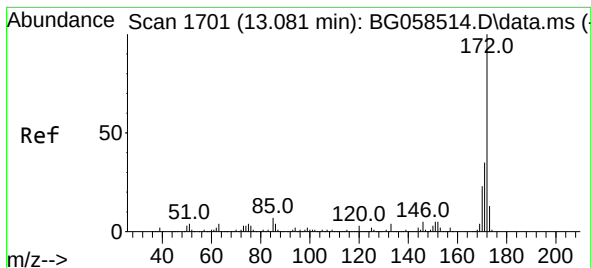


#44
2,4,5-Trichlorophenol
Concen: 45.806 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:196 Resp: 164999
Ion Ratio Lower Upper
196 100
198 97.1 78.3 117.5
97 45.0 35.2 52.8
132 23.9 19.4 29.0





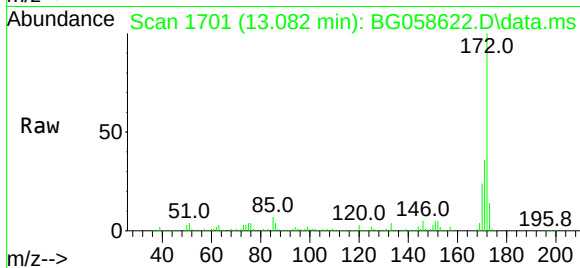
#45
2-Fluorobiphenyl
Concen: 86.119 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

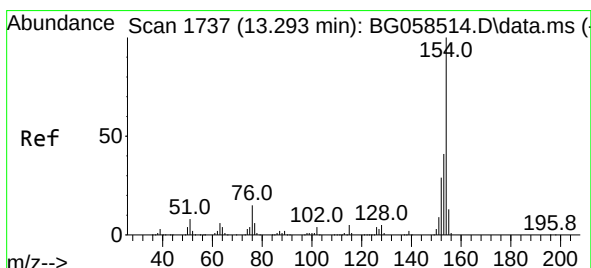
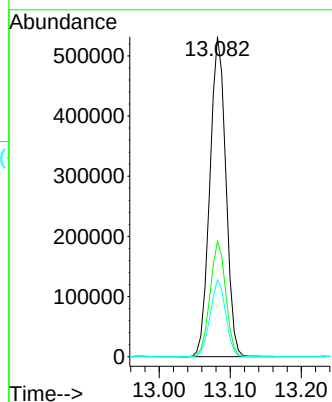
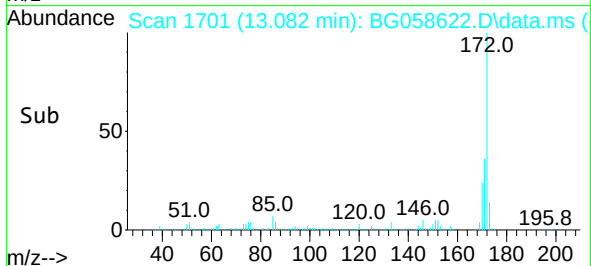


Tgt Ion:172 Resp: 832262
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.0 18.4 27.6

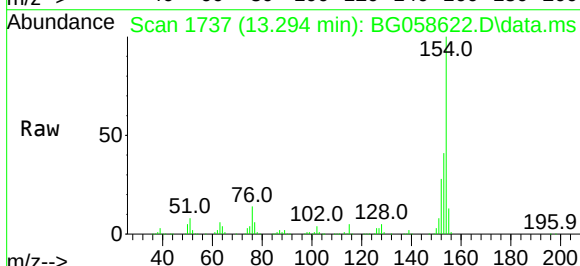
Manual Integrations

APPROVED

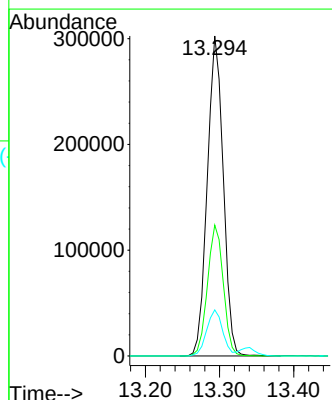
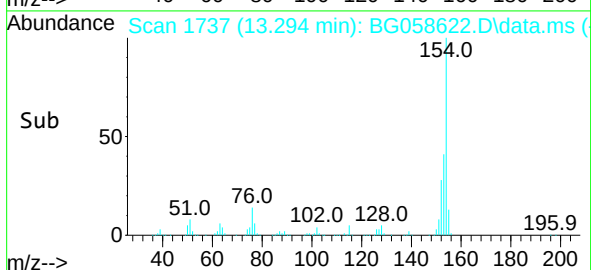
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

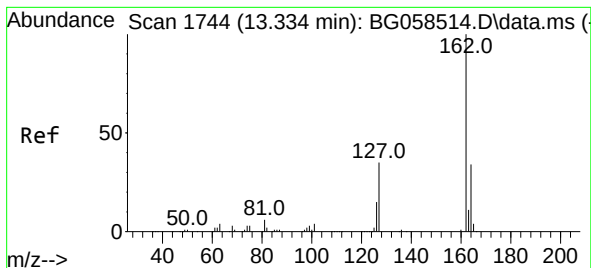


#46
1,1'-Biphenyl
Concen: 45.552 ng
RT: 13.294 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:154 Resp: 453059
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 14.4 0.0 34.7





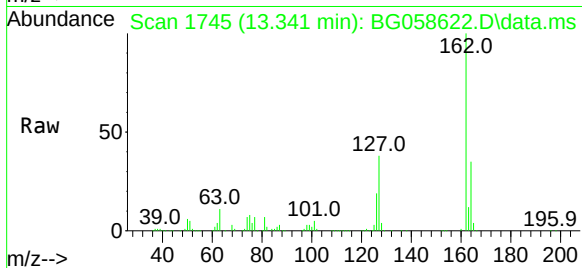
#47
2-Chloronaphthalene
Concen: 46.360 ng
RT: 13.341 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

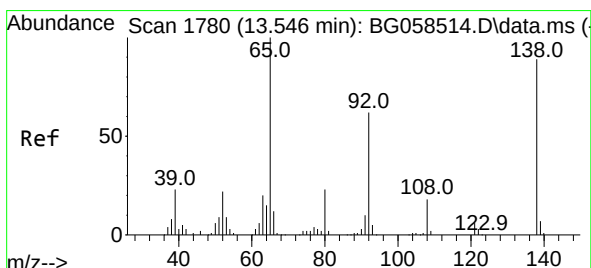
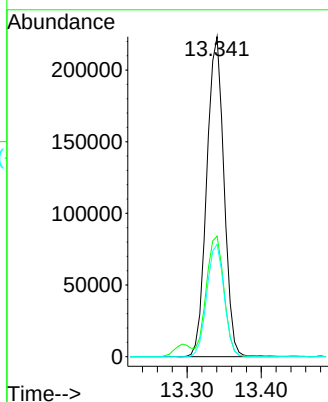
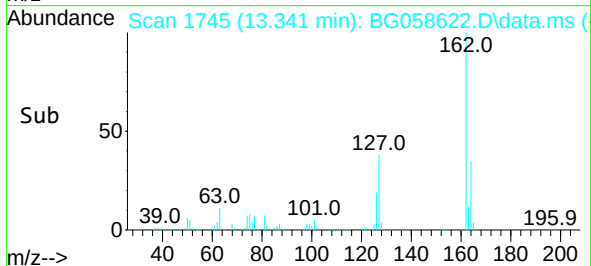


Tgt Ion:162 Resp: 35951
Ion Ratio Lower Upper
162 100
127 37.7 30.9 46.3
164 35.1 27.2 40.8

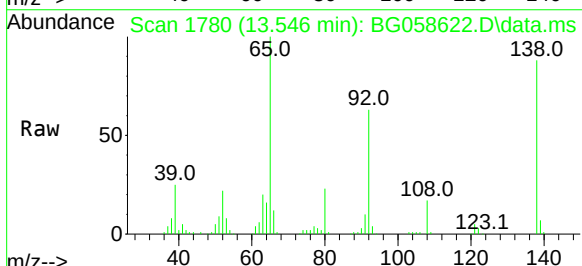
Manual Integrations

APPROVED

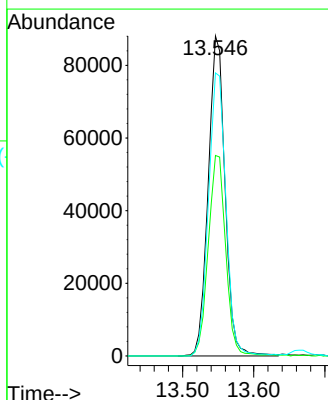
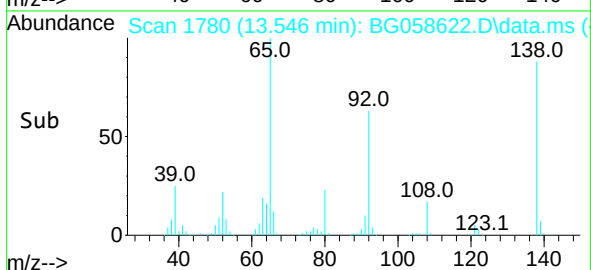
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

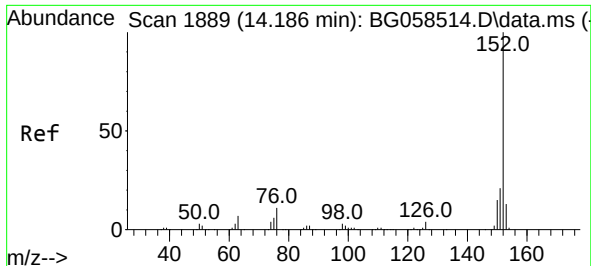


#48
2-Nitroaniline
Concen: 49.048 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion: 65 Resp: 145180
Ion Ratio Lower Upper
65 100
92 62.7 49.2 73.8
138 88.5 71.5 107.3





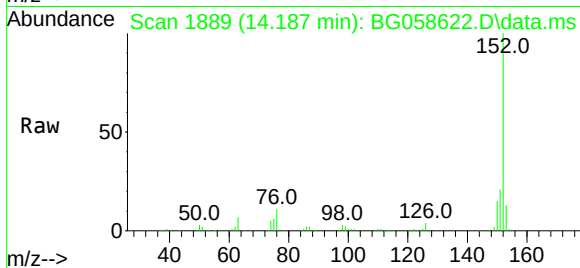
#49
Acenaphthylene
Concen: 47.338 ng
RT: 14.187 min Scan# 1889
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

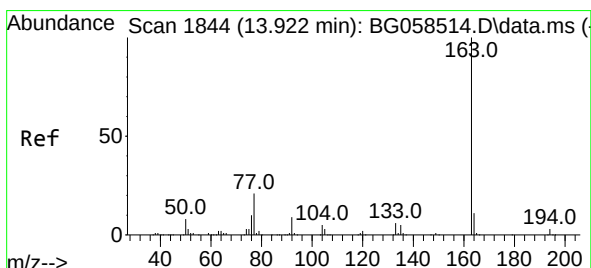
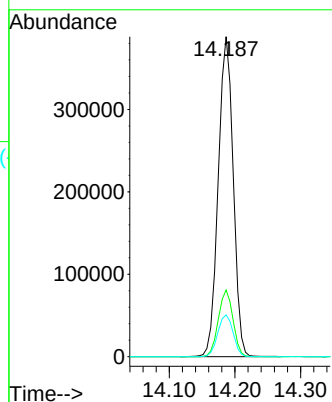
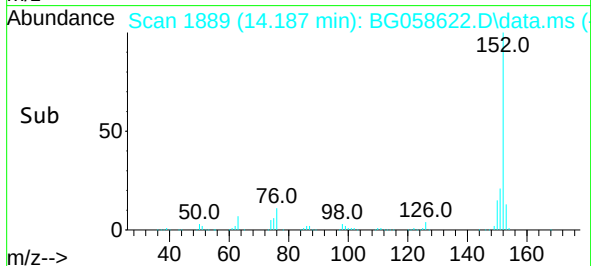


Tgt Ion:152 Resp: 614600
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.1 10.7 16.1

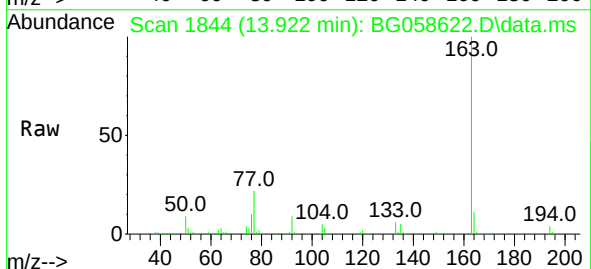
Manual Integrations

APPROVED

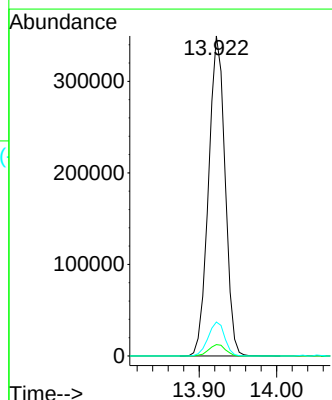
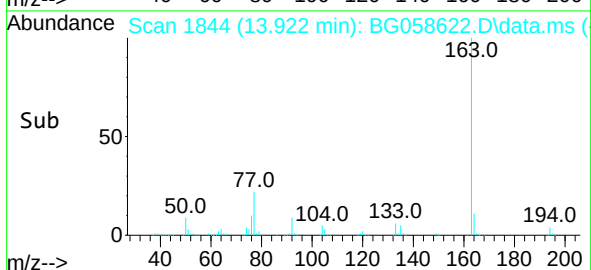
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

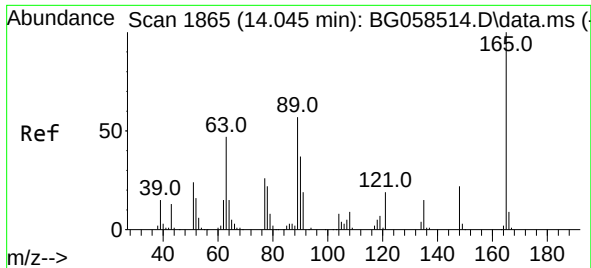


#50
Dimethylphthalate
Concen: 47.509 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:163 Resp: 516745
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.6 12.8





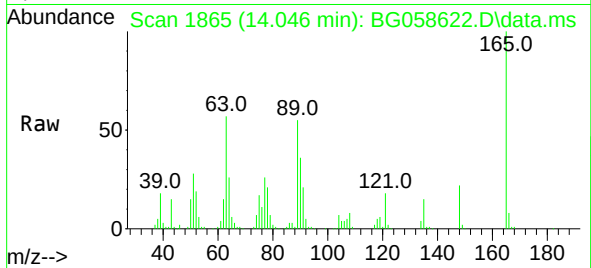
#51
2,6-Dinitrotoluene
Concen: 49.135 ng
RT: 14.046 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS



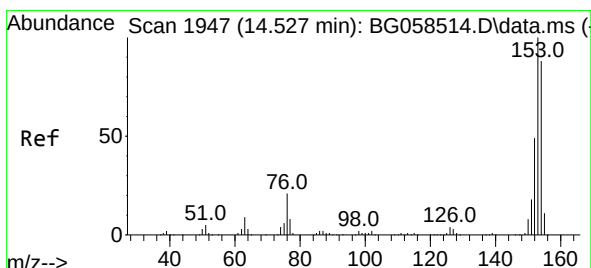
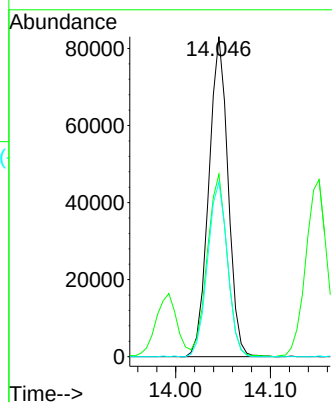
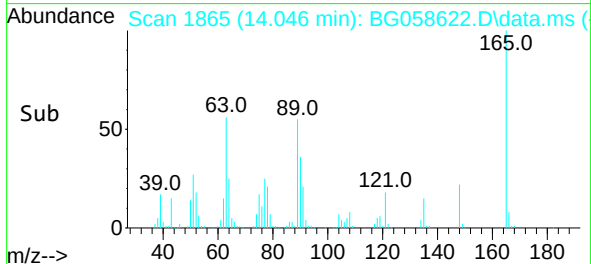
Tgt Ion:165 Resp: 11726
Ion Ratio Lower Upper
165 100
63 57.0 46.4 69.6
89 54.5 45.3 67.9

Manual Integrations

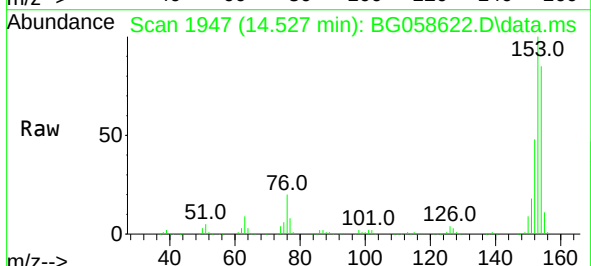
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

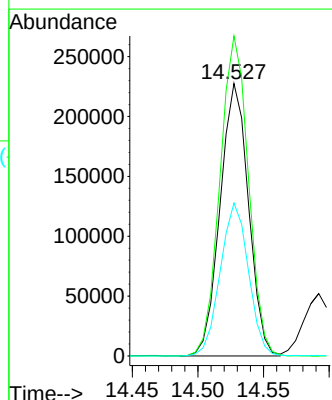
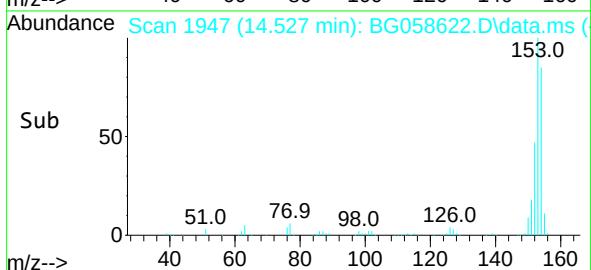
Supervised By :mohammad ahmed 08/08/2023

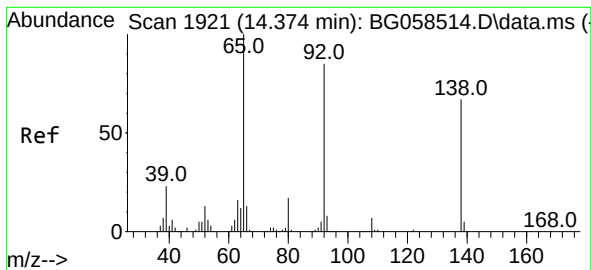


#52
Acenaphthene
Concen: 45.645 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:154 Resp: 342435
Ion Ratio Lower Upper
154 100
153 117.5 91.1 136.7
152 56.1 44.6 66.8





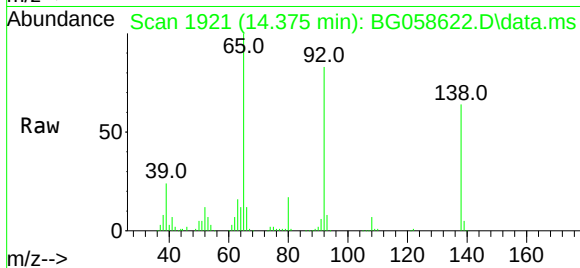
#53
3-Nitroaniline
Concen: 34.128 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS



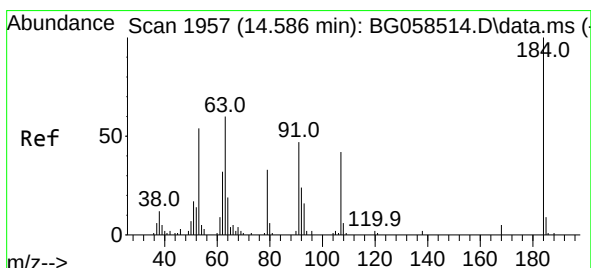
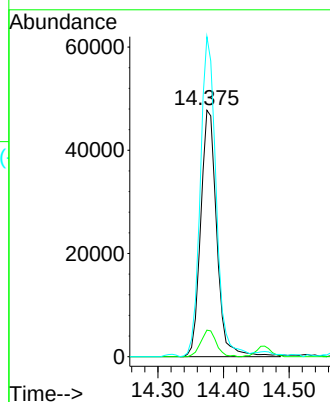
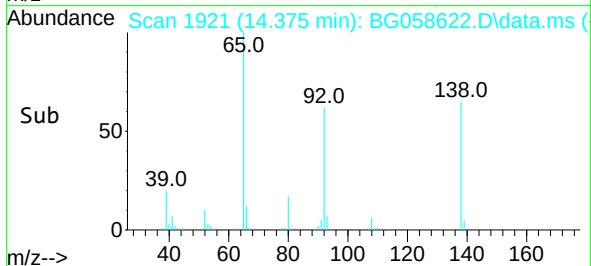
Tgt Ion:138 Resp: 81489
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 129.8 101.1 151.7

Manual Integrations

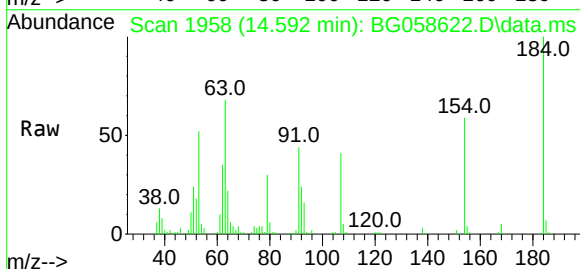
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

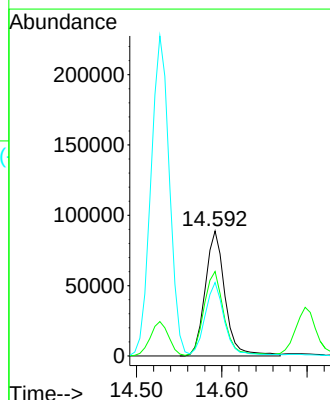
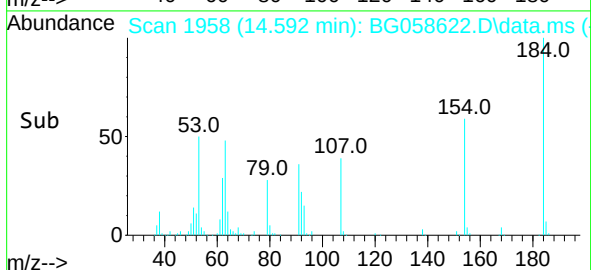
Supervised By :mohammad ahmed 08/08/2023

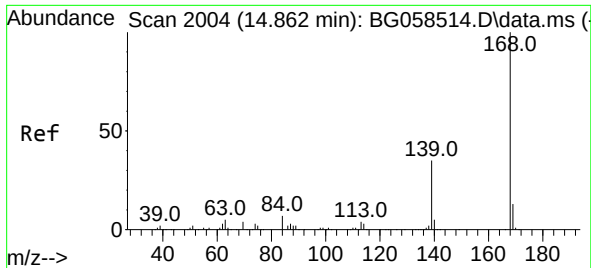


#54
2,4-Dinitrophenol
Concen: 104.017 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



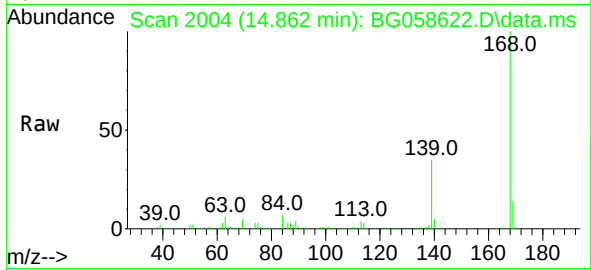
Tgt Ion:184 Resp: 143275
Ion Ratio Lower Upper
184 100
63 67.6 56.7 85.1
154 58.7 46.1 69.1





#55
Dibenzofuran
Concen: 45.801 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

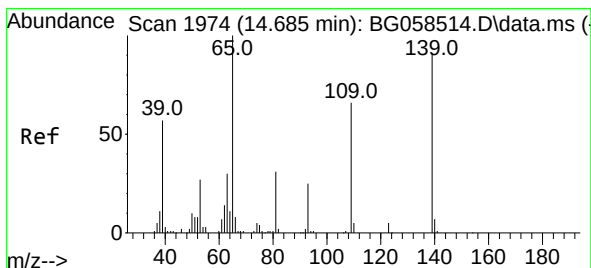
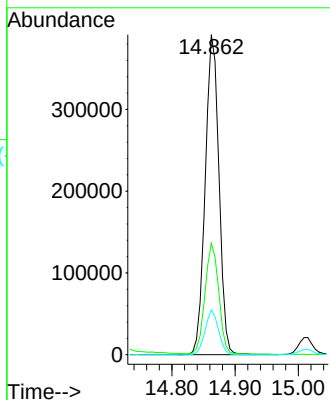
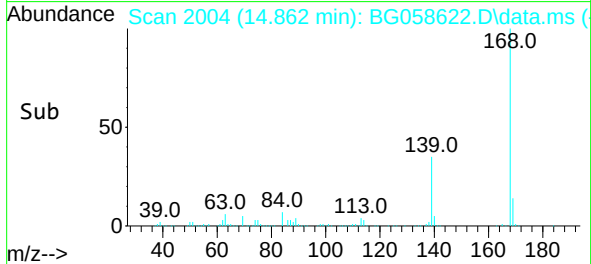
Instrument :
BNA_G
ClientSampleId :
PB154530BS



Tgt Ion:168 Resp: 590420
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 14.0 10.6 16.0

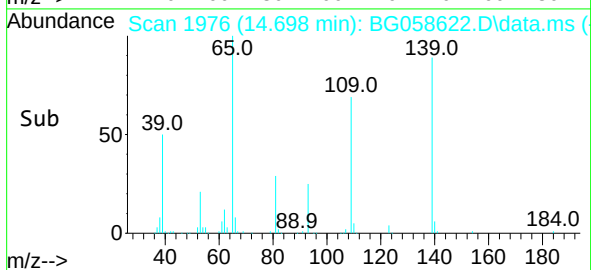
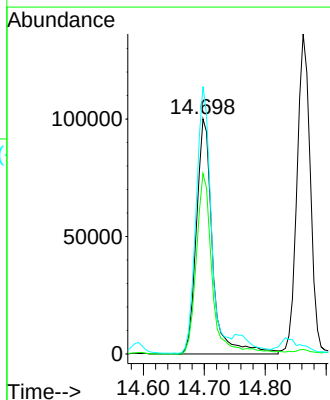
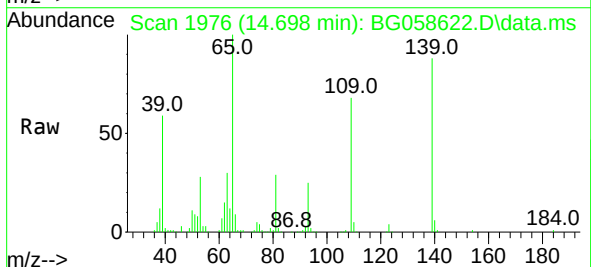
Manual Integrations
APPROVED

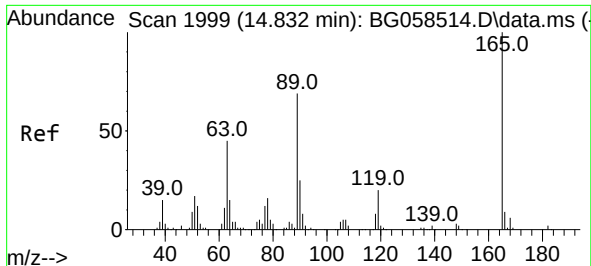
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#56
4-Nitrophenol
Concen: 103.198 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:139 Resp: 184369
Ion Ratio Lower Upper
139 100
109 76.8 52.5 92.5
65 113.7 90.5 130.5





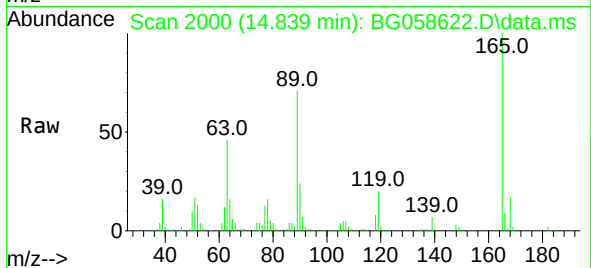
#57
2,4-Dinitrotoluene
Concen: 50.717 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.007 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

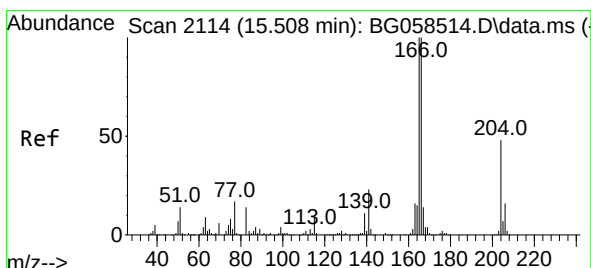
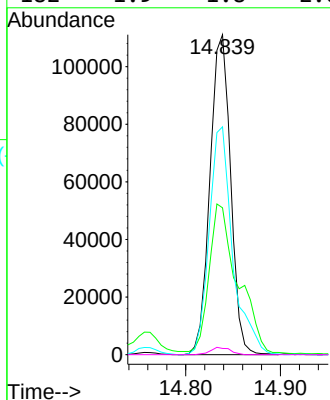
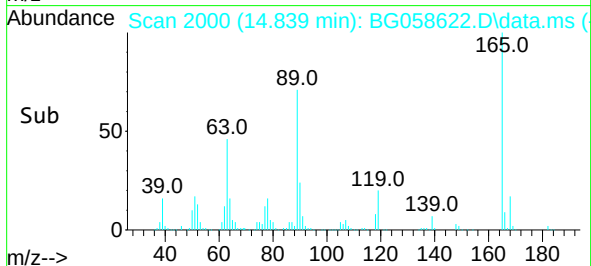


Tgt Ion:165 Resp: 167804
Ion Ratio Lower Upper
165 100
63 45.9 36.6 54.8
89 71.2 55.4 83.0
182 1.9 1.8 2.6

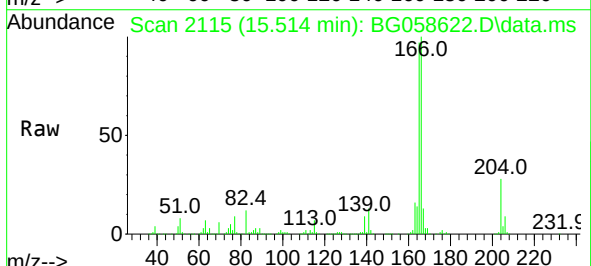
Manual Integrations

APPROVED

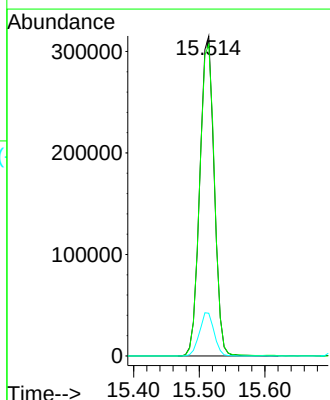
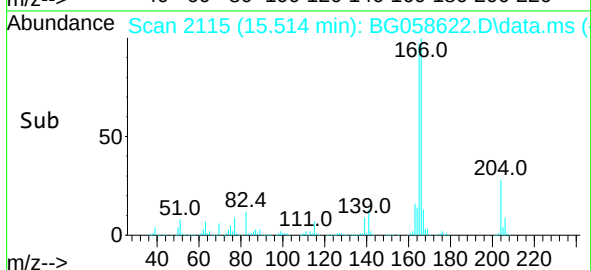
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

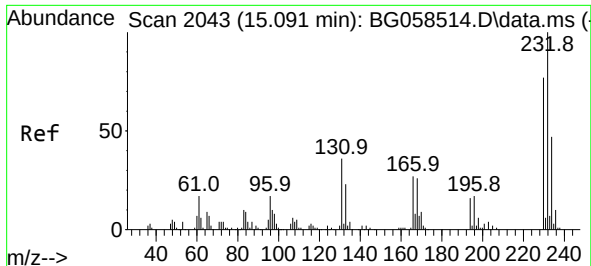


#58
Fluorene
Concen: 47.033 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:166 Resp: 481652
Ion Ratio Lower Upper
166 100
165 97.3 80.0 120.0
167 13.4 11.3 16.9





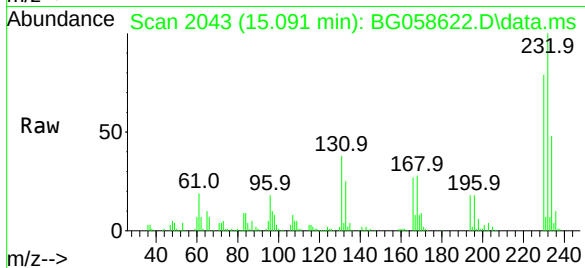
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.005 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

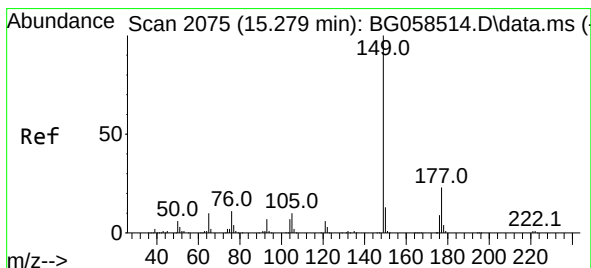
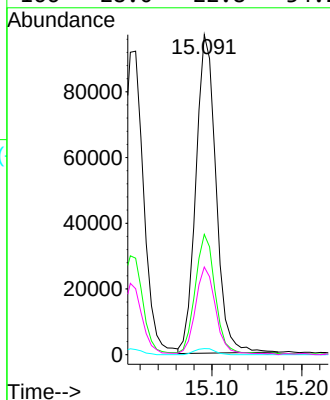
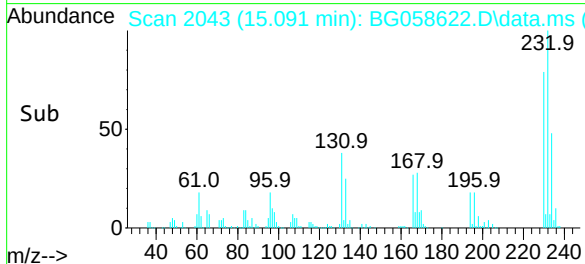


Tgt Ion:232 Resp: 150628
Ion Ratio Lower Upper
232 100
131 37.5 30.0 45.0
130 2.0 1.5 2.3
166 28.0 22.8 34.2

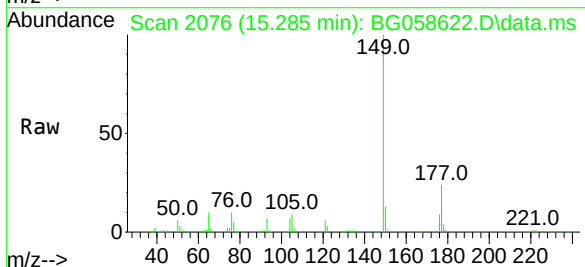
Manual Integrations

APPROVED

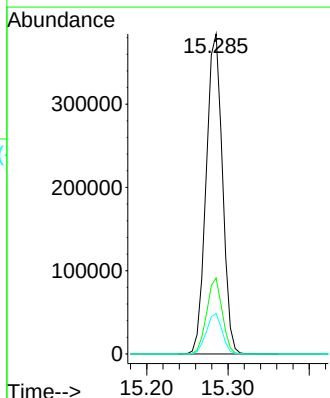
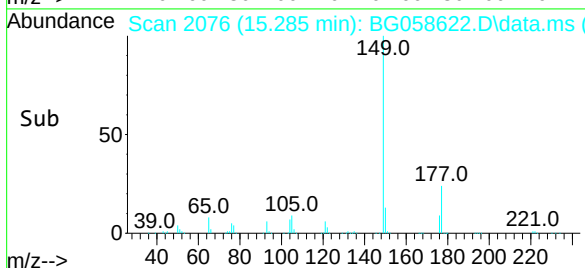
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

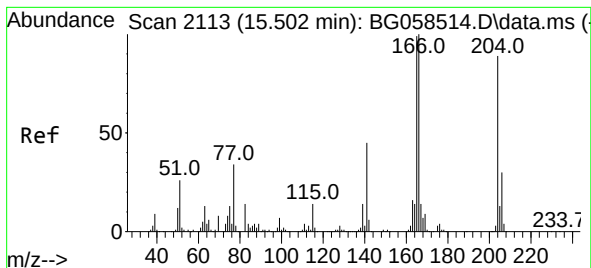


#60
Diethylphthalate
Concen: 48.020 ng
RT: 15.285 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:149 Resp: 532101
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.437 ng
RT: 15.503 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

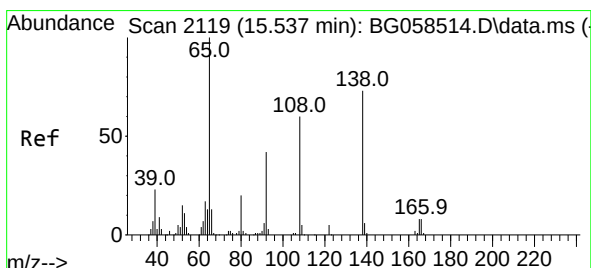
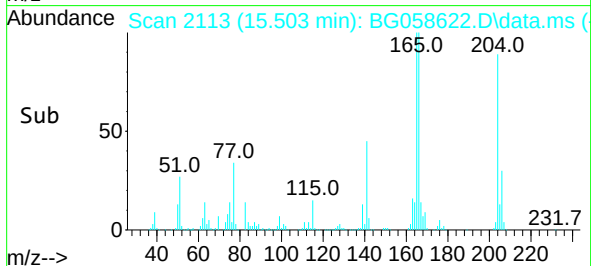
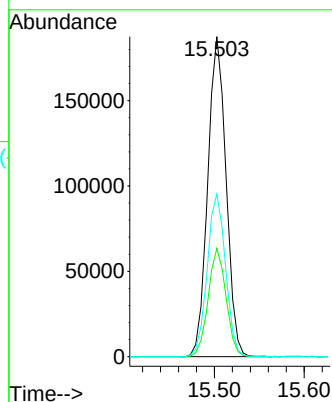
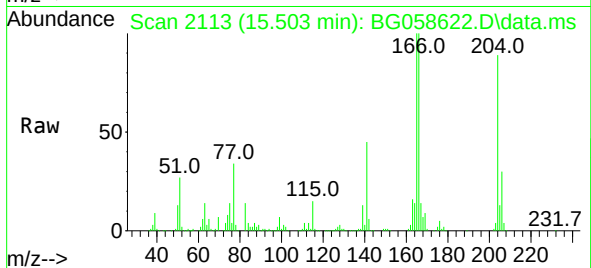
ClientSampleId :

PB154530BS

Tgt Ion:204 Resp: 26512
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 50.9 40.8 61.2

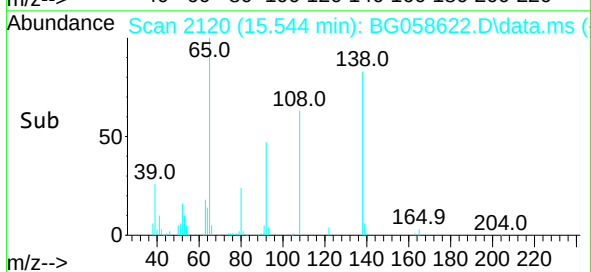
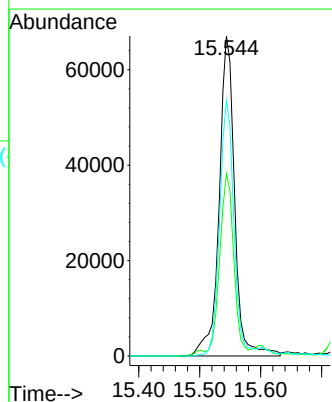
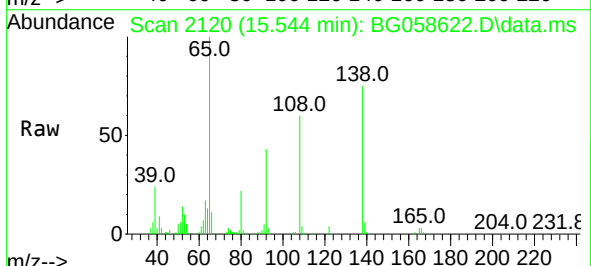
Manual Integrations
APPROVED

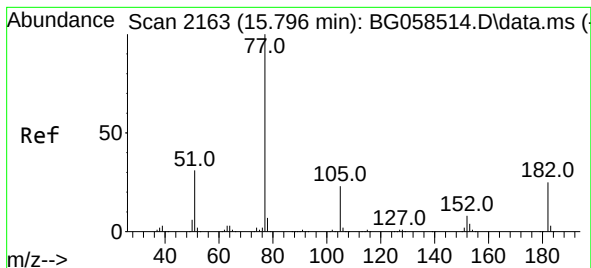
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#62
4-Nitroaniline
Concen: 52.339 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:138 Resp: 118385
Ion Ratio Lower Upper
138 100
92 57.0 37.3 77.3
108 79.9 62.6 102.6





#63

Azobenzene

Concen: 46.694 ng

RT: 15.796 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion: 77 Resp: 50962

Ion Ratio Lower Upper

77 100

182 24.8 4.6 44.6

105 23.6 3.3 43.3

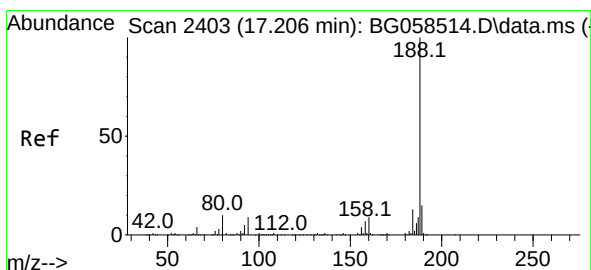
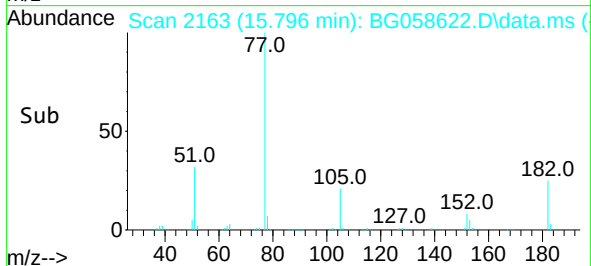
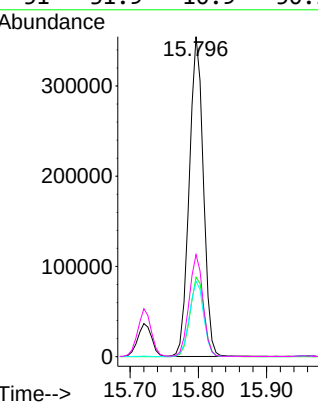
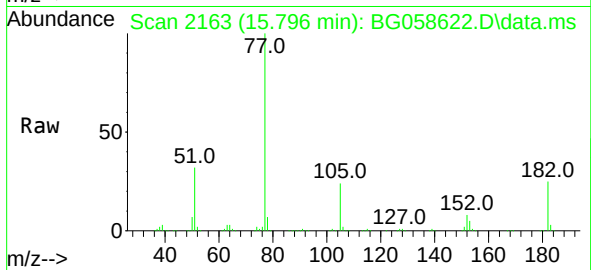
51 31.9 10.9 50.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

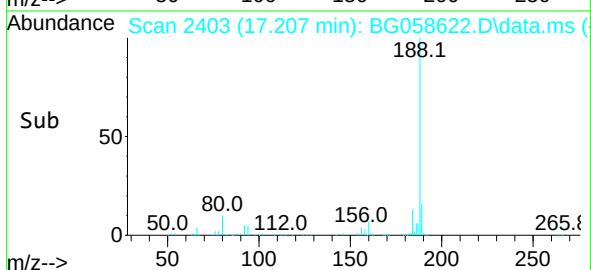
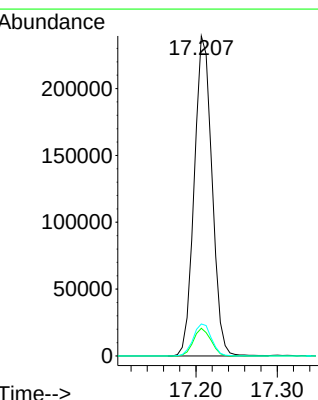
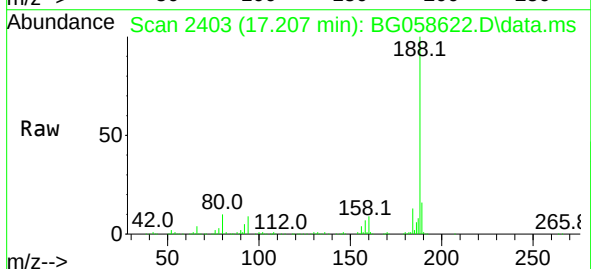
Tgt Ion:188 Resp: 362200

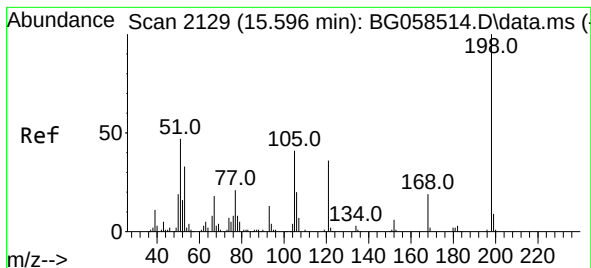
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.0 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 51.846 ng
RT: 15.603 min Scan# 2129
Delta R.T. 0.007 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

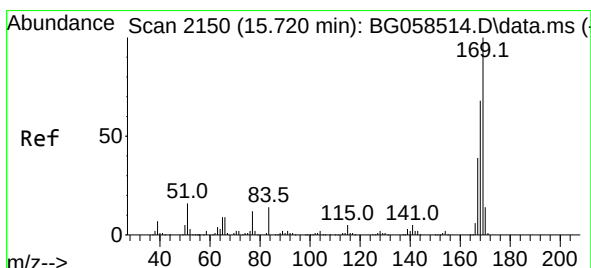
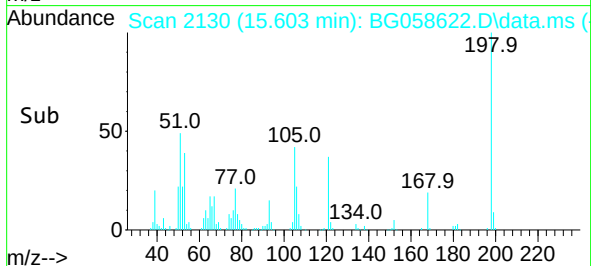
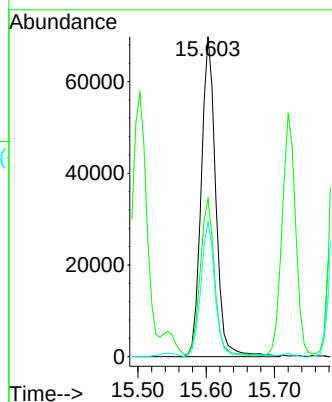
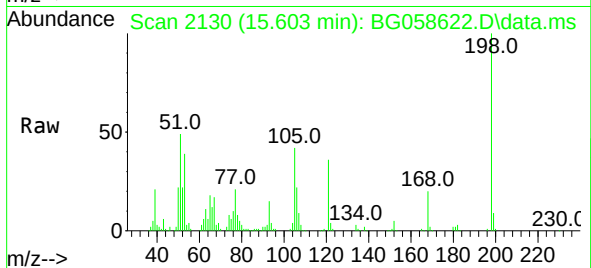
PB154530BS

Tgt Ion:198 Resp: 10354
Ion Ratio Lower Upper
198 100
51 49.2 29.3 69.3
105 42.1 21.0 61.0

Manual Integrations

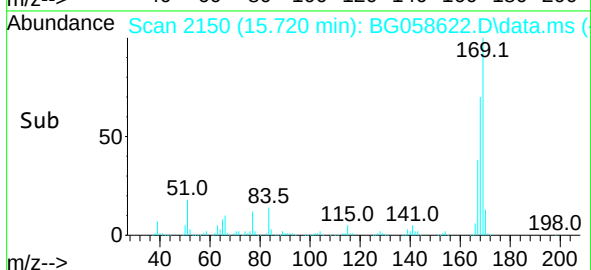
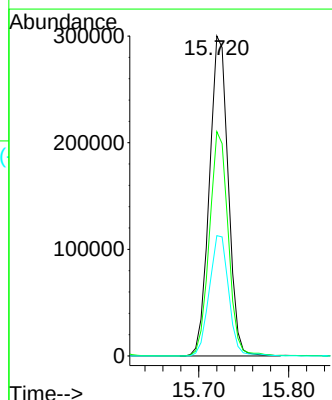
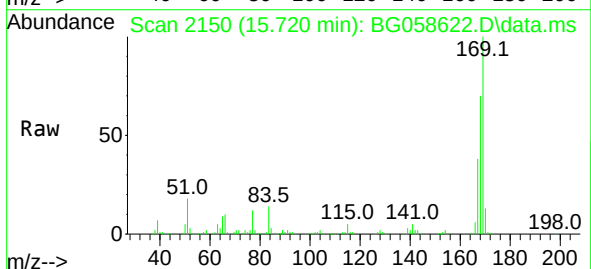
APPROVED

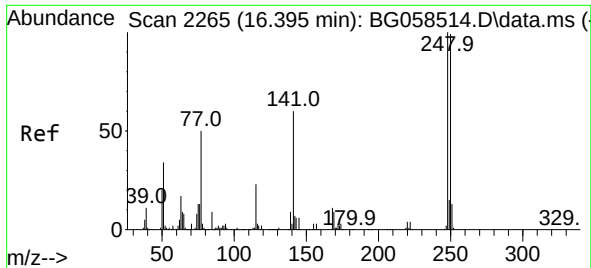
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#66
n-Nitrosodiphenylamine
Concen: 46.281 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:169 Resp: 436297
Ion Ratio Lower Upper
169 100
168 70.1 54.6 82.0
167 37.6 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 45.087 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

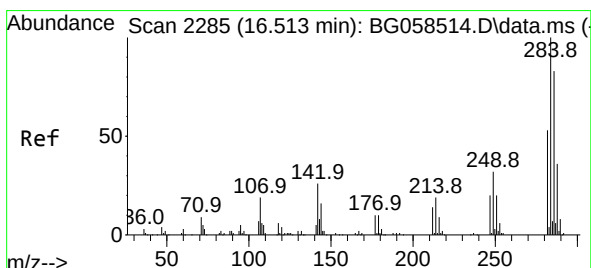
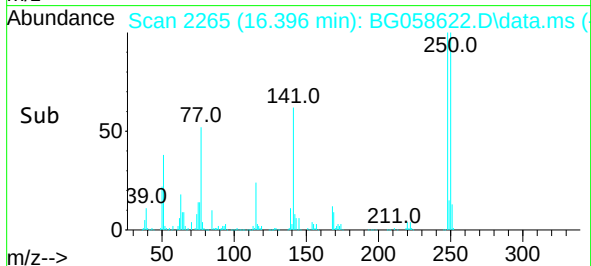
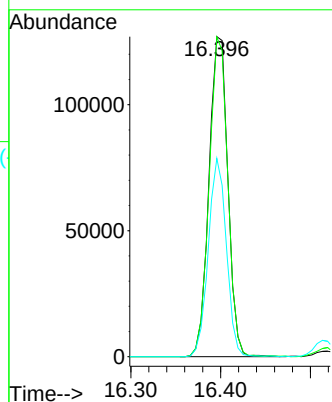
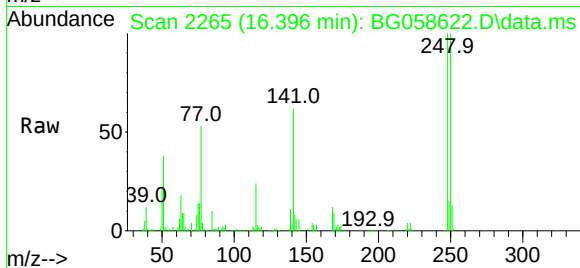
ClientSampleId :

PB154530BS

Tgt Ion:248 Resp: 185224
Ion Ratio Lower Upper
248 100
250 99.9 79.5 119.3
141 62.0 48.2 72.2

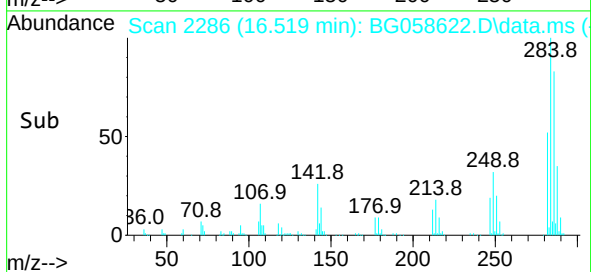
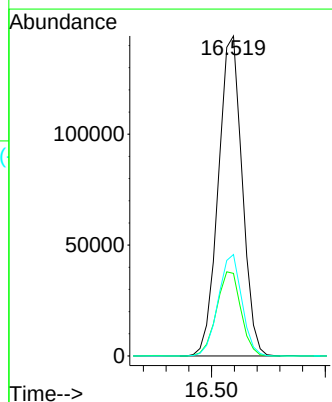
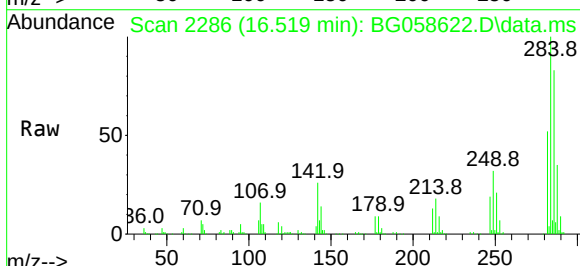
Manual Integrations
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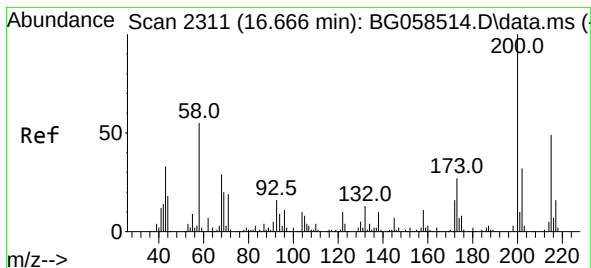
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#68
Hexachlorobenzene
Concen: 48.247 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:284 Resp: 210029
Ion Ratio Lower Upper
284 100
142 25.8 21.0 31.4
249 31.7 25.5 38.3





#69

Atrazine

Concen: 57.232 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion:200 Resp: 182134

Ion Ratio Lower Upper

200 100

173 25.9 6.5 46.5

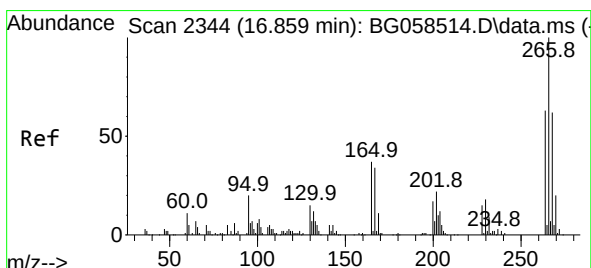
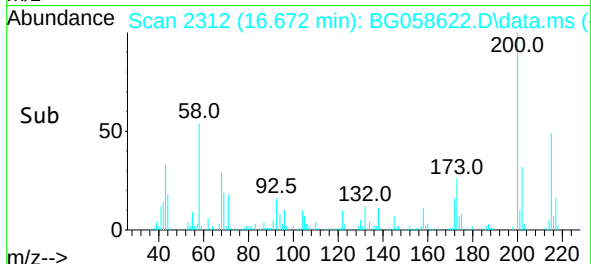
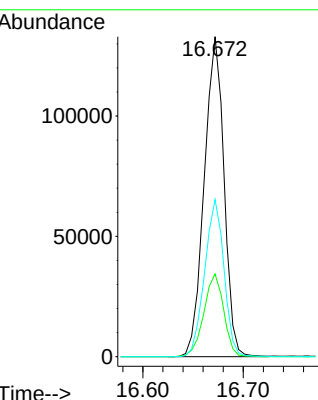
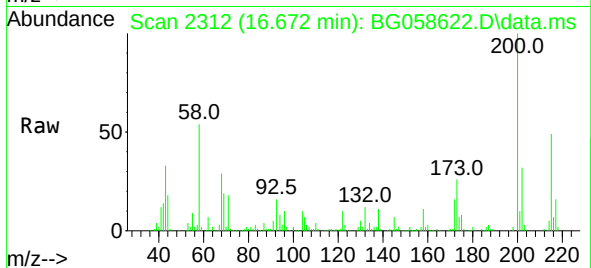
215 49.1 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 85.452 ng

RT: 16.866 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

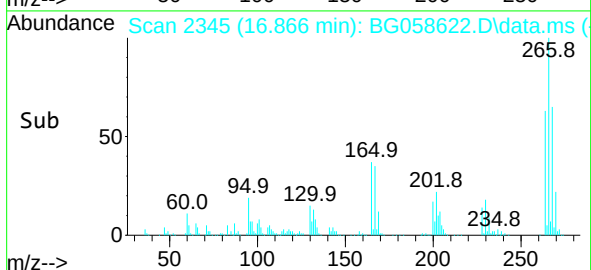
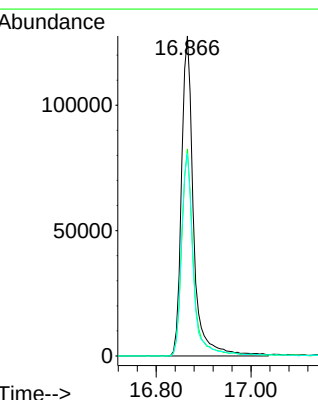
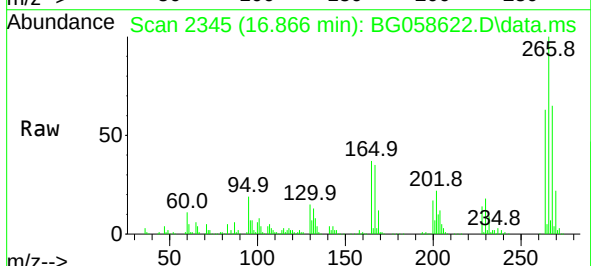
Tgt Ion:266 Resp: 225157

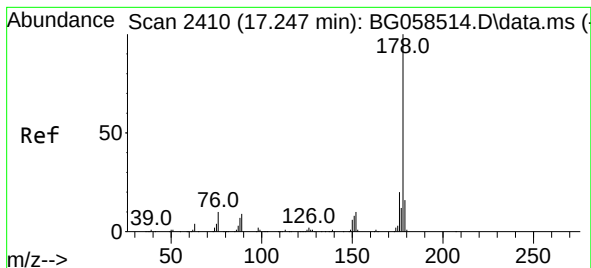
Ion Ratio Lower Upper

266 100

268 64.7 49.9 74.9

264 63.4 50.2 75.4





#71

Phenanthrene

Concen: 46.371 ng

RT: 17.254 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

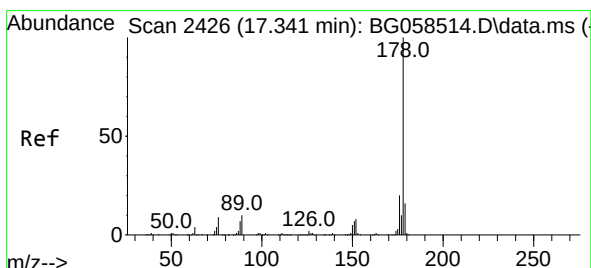
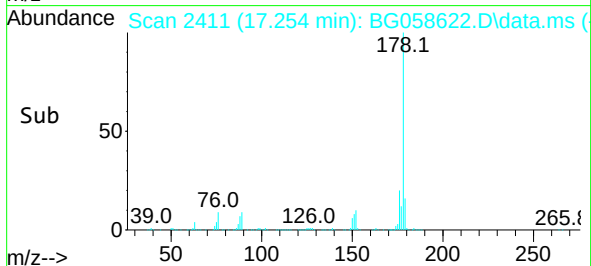
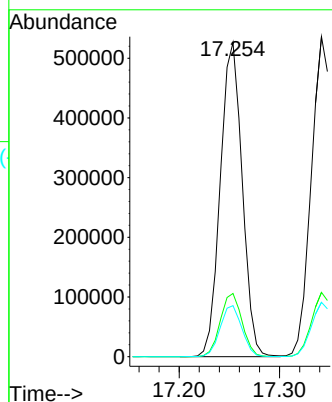
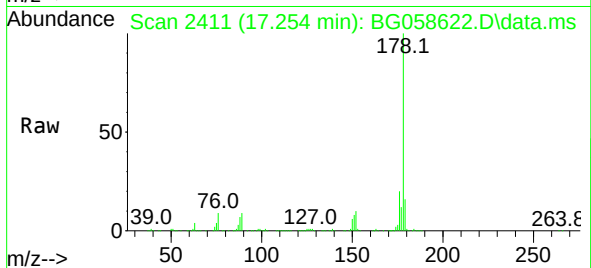
PB154530BS

Tgt Ion:178 Resp: 796520
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 16.2 13.1 19.7

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023



#72

Anthracene

Concen: 46.201 ng

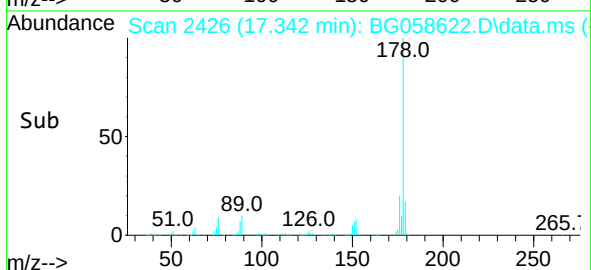
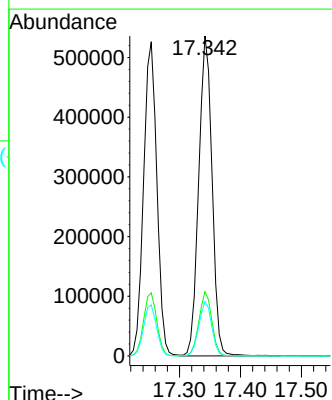
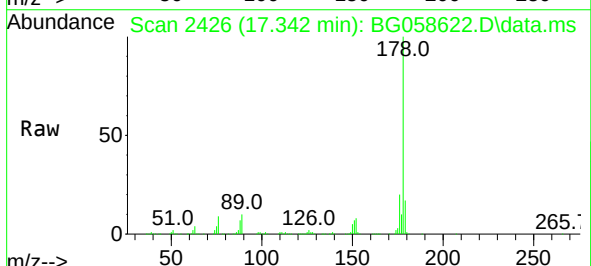
RT: 17.342 min Scan# 2426

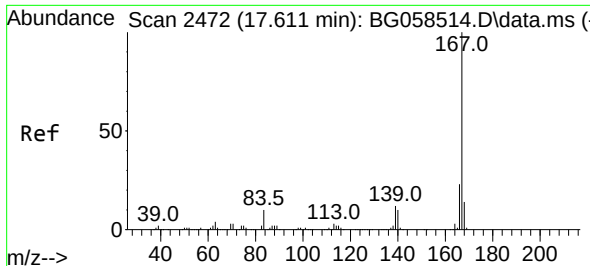
Delta R.T. 0.000 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

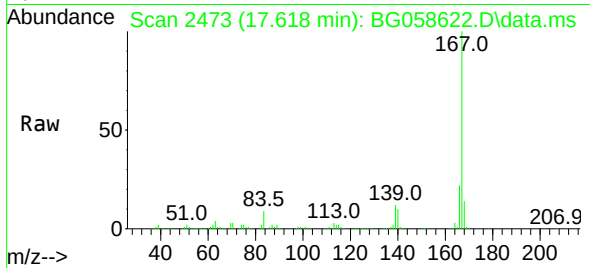
Tgt Ion:178 Resp: 814303
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 17.0 12.9 19.3





#73
 Carbazole
 Concen: 49.558 ng
 RT: 17.618 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30

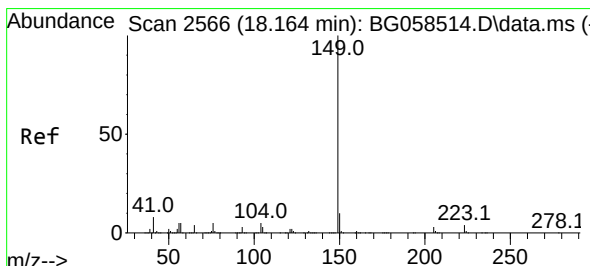
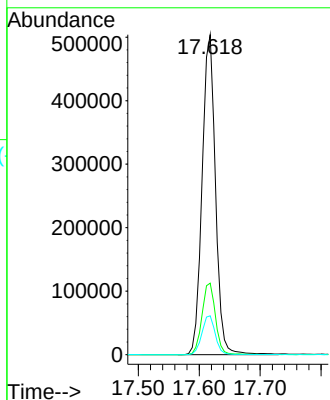
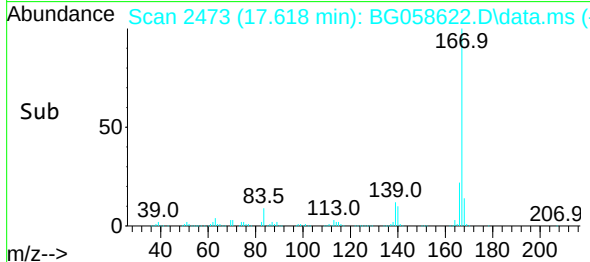
Instrument :
 BNA_G
 ClientSampleId :
 PB154530BS



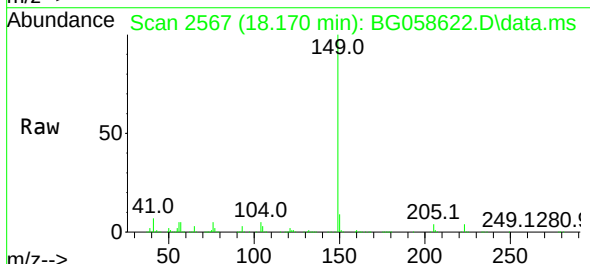
Tgt Ion:167 Resp: 770244
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 12.1 10.0 15.0

Manual Integrations
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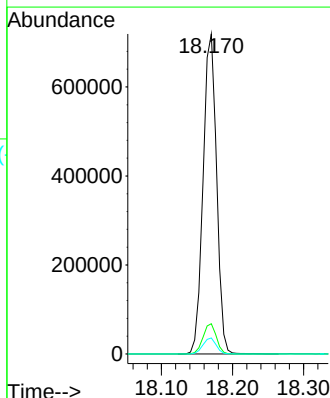
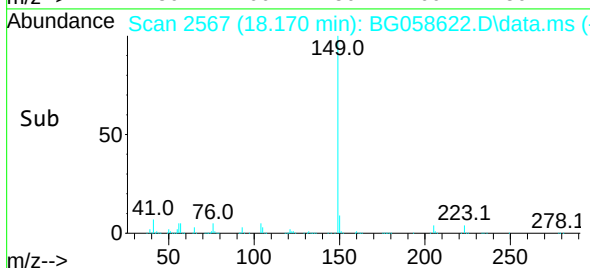
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

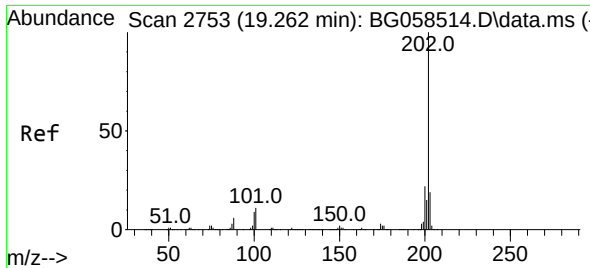


#74
 Di-n-butylphthalate
 Concen: 48.861 ng
 RT: 18.170 min Scan# 2567
 Delta R.T. 0.006 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30



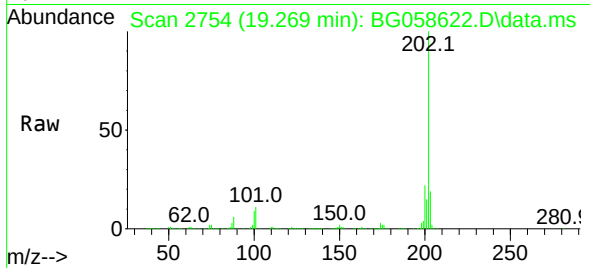
Tgt Ion:149 Resp: 951210
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 47.592 ng
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

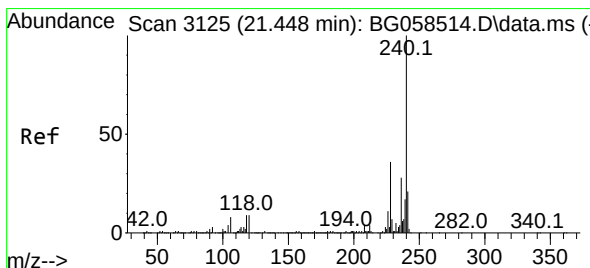
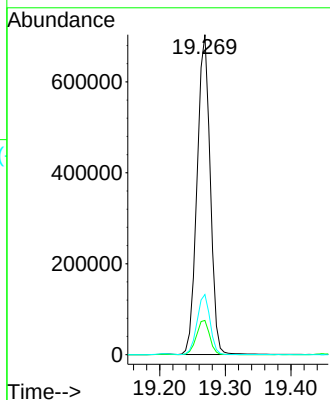
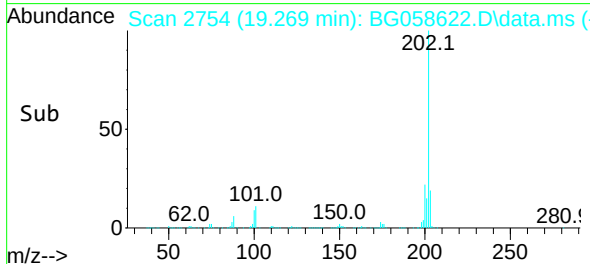
Instrument :
BNA_G
ClientSampleId :
PB154530BS



Tgt Ion:202 Resp: 981974
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 18.8 0.0 39.0

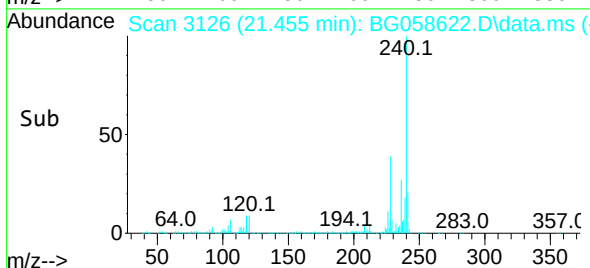
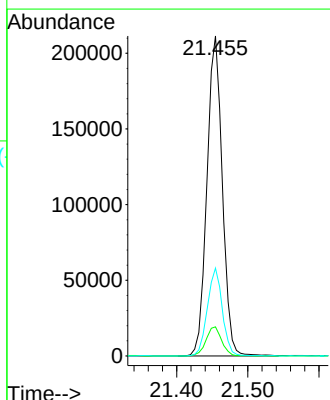
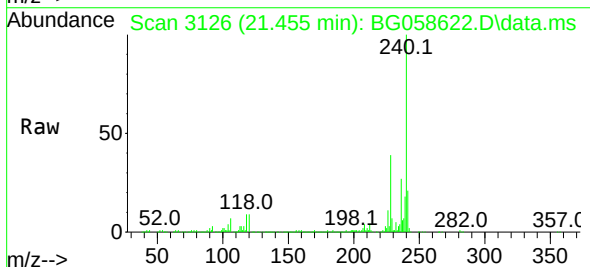
Manual Integrations
APPROVED

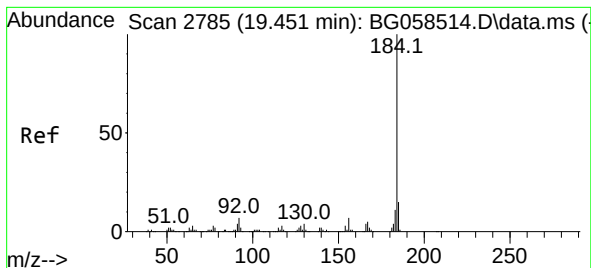
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:240 Resp: 318334
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.4 22.2 33.4





#77

Benzidine

Concen: 89.318 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion:184 Resp: 43116

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

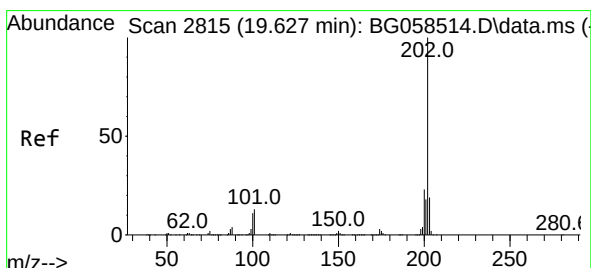
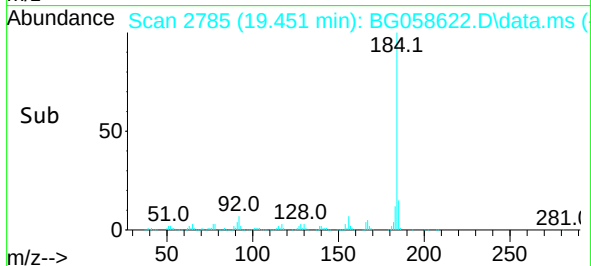
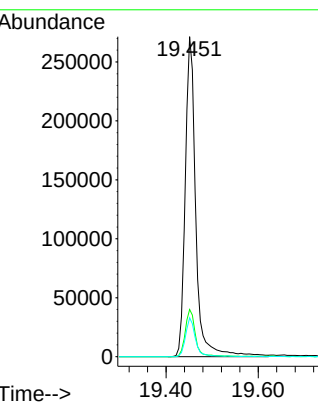
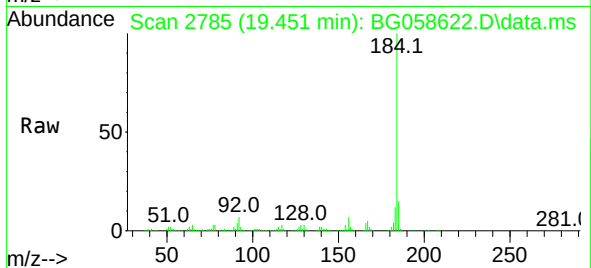
183 12.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 46.414 ng

RT: 19.627 min Scan# 2815

Delta R.T. 0.001 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

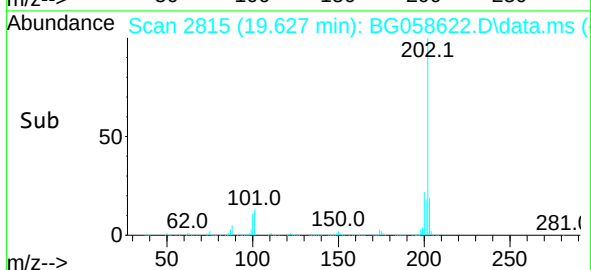
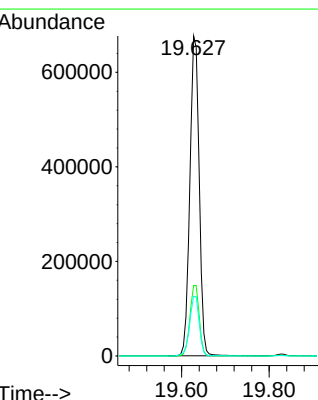
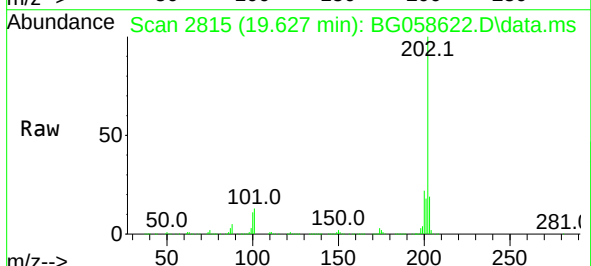
Tgt Ion:202 Resp: 1005532

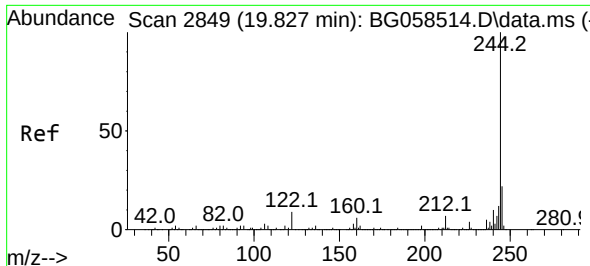
Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.2

203 18.6 15.1 22.7





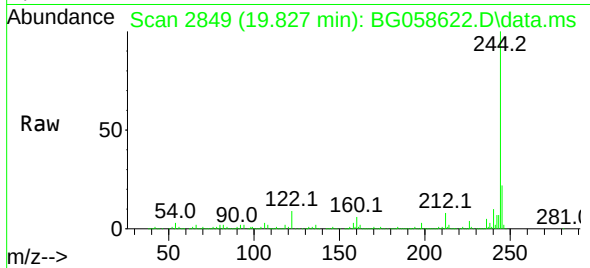
#79
 Terphenyl-d14
 Concen: 94.318 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

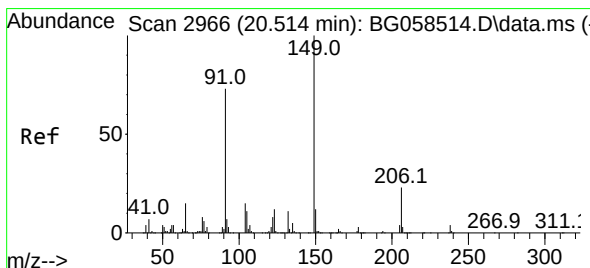
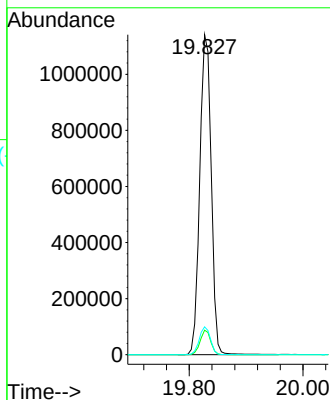
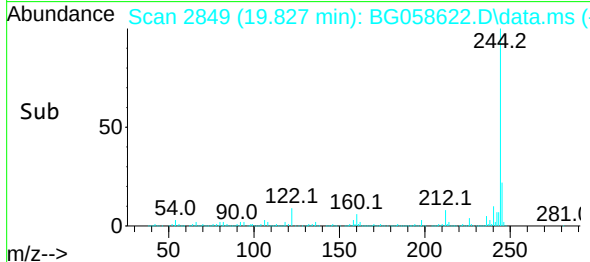


Tgt Ion:244 Resp: 1596602
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.7 6.8 10.2

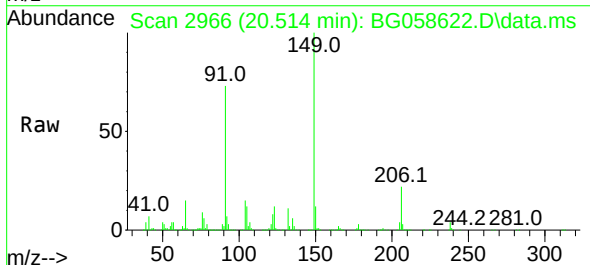
Manual Integrations

APPROVED

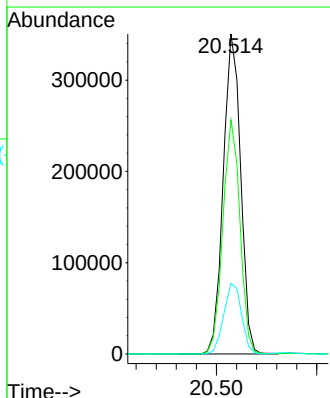
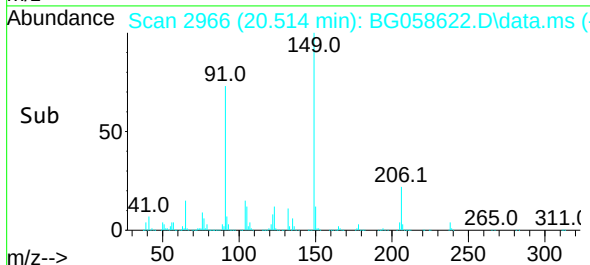
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

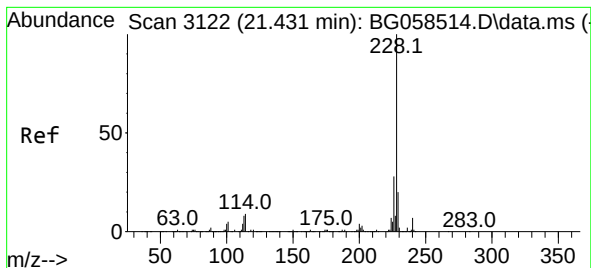


#80
 Butylbenzylphthalate
 Concen: 47.332 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058622.D
 Acq: 7 Aug 2023 11:30



Tgt Ion:149 Resp: 421199
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.4 87.6
 206 22.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 47.413 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion:228 Resp: 1038700

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

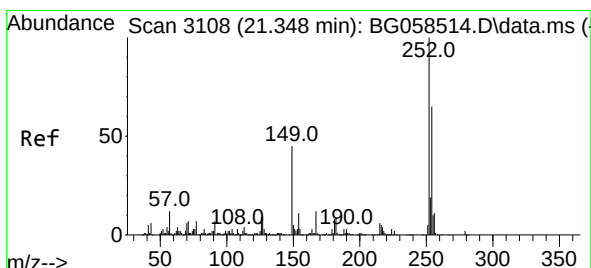
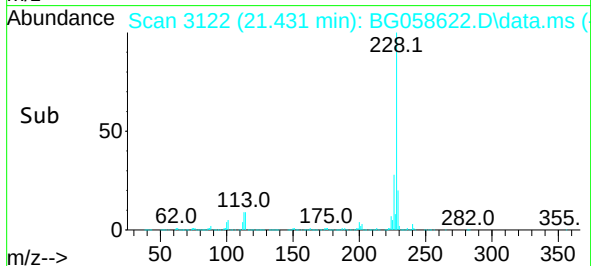
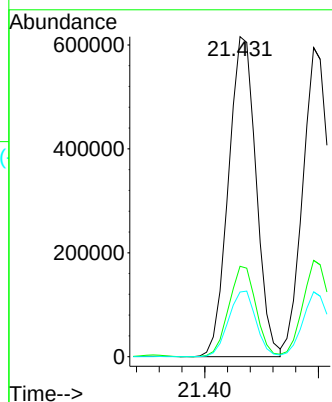
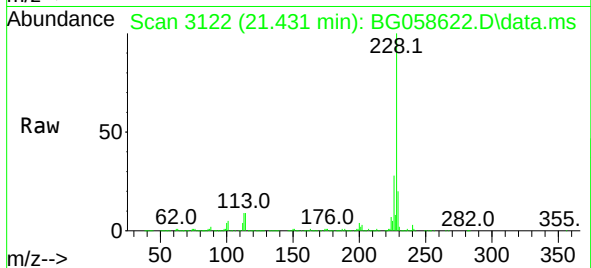
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.047 ng

RT: 21.355 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

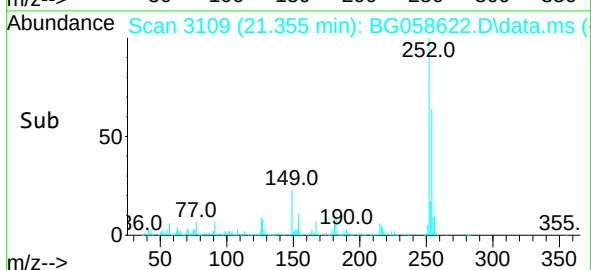
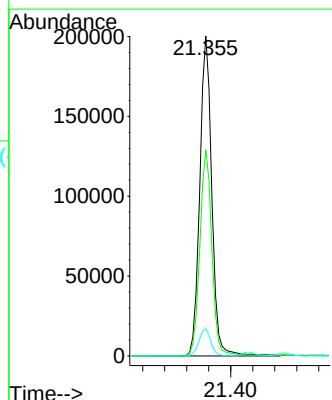
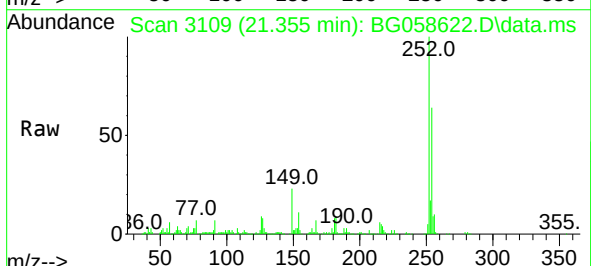
Tgt Ion:252 Resp: 304037

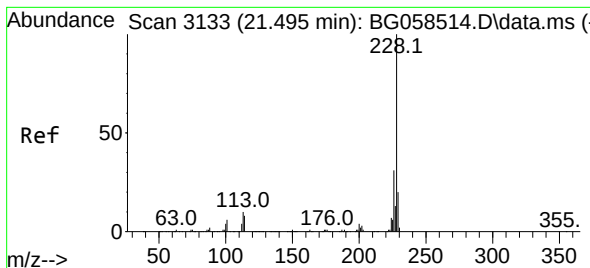
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

126 8.5 7.2 10.8





#83

Chrysene

Concen: 46.022 ng

RT: 21.496 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058622.D

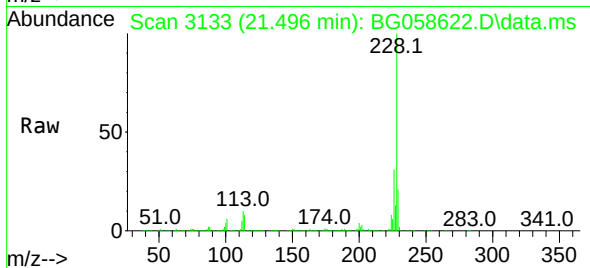
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

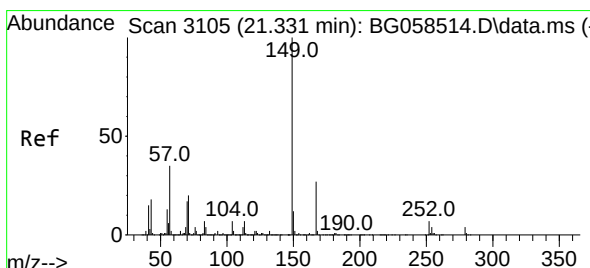
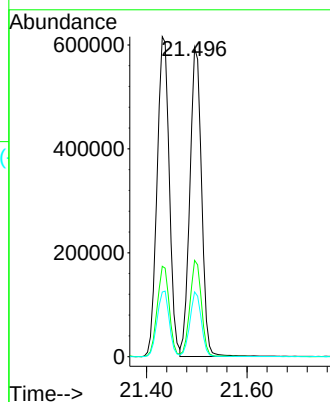
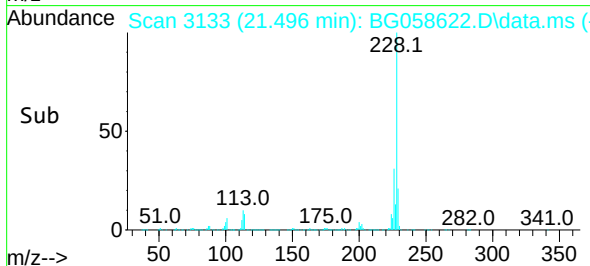


Tgt Ion:	228	Resp:	966670
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	21.0	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.284 ng

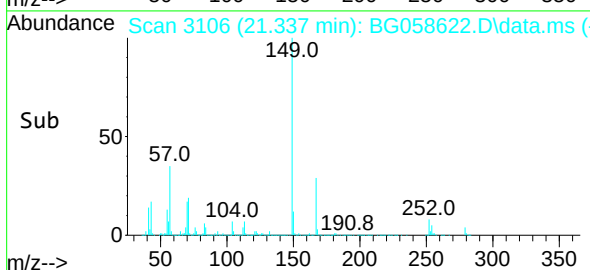
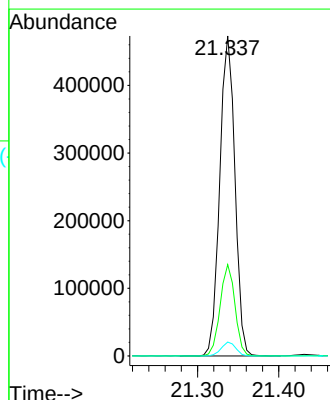
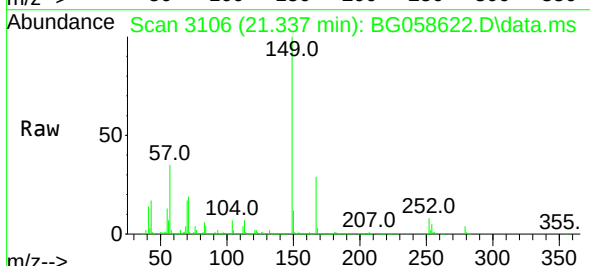
RT: 21.337 min Scan# 3106

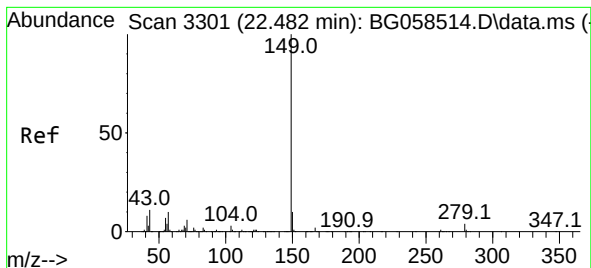
Delta R.T. 0.006 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

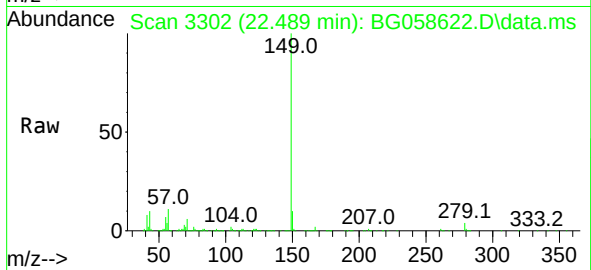
Tgt Ion:	149	Resp:	614887
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	4.4	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 47.924 ng
RT: 22.489 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

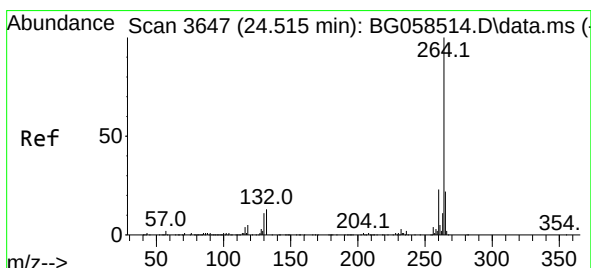
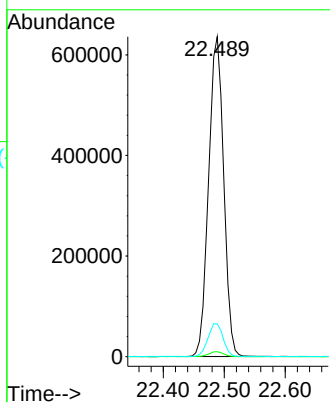
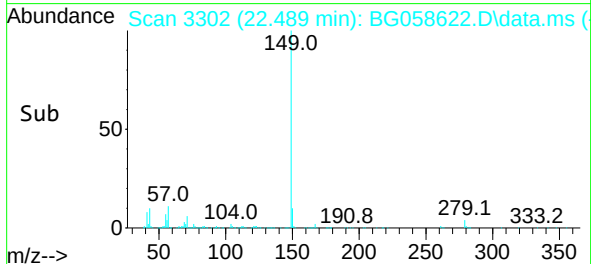
Instrument :
BNA_G
ClientSampleId :
PB154530BS



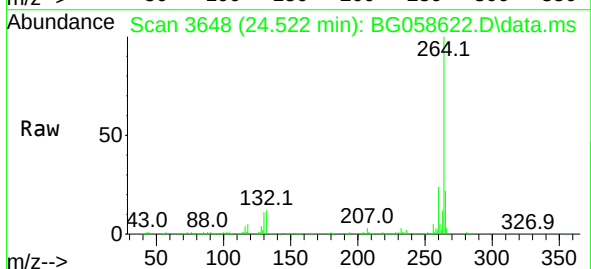
Tgt Ion:149 Resp: 109568
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.2

Manual Integrations
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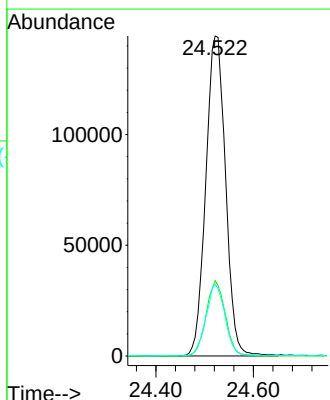
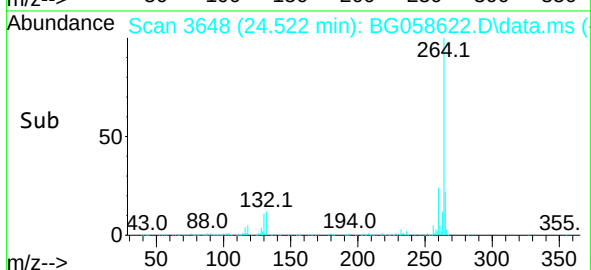
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

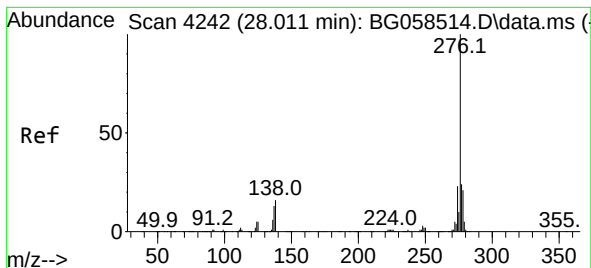


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30



Tgt Ion:264 Resp: 406013
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.641 ng

RT: 28.035 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG058622.D

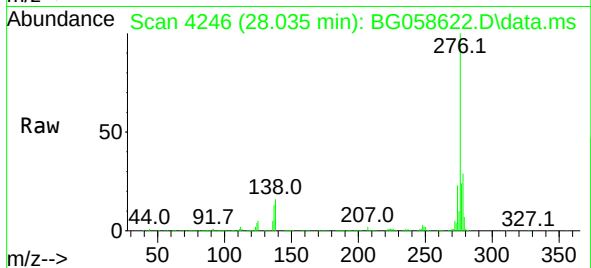
Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS



Tgt Ion:276 Resp: 1313840

Ion Ratio Lower Upper

276 100

138 20.0 16.0 24.0

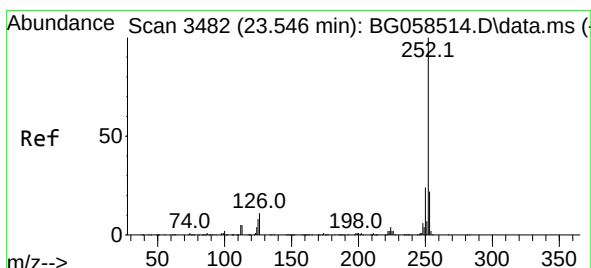
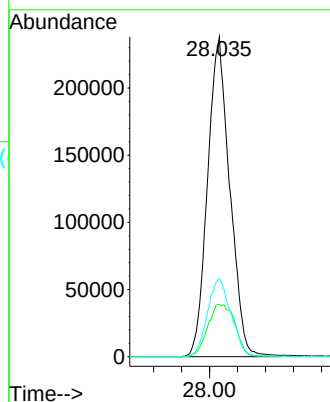
277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 49.073 ng

RT: 23.552 min Scan# 3483

Delta R.T. 0.006 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

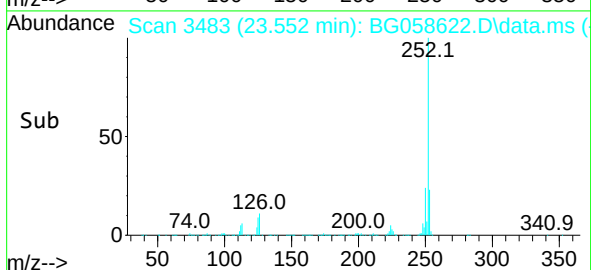
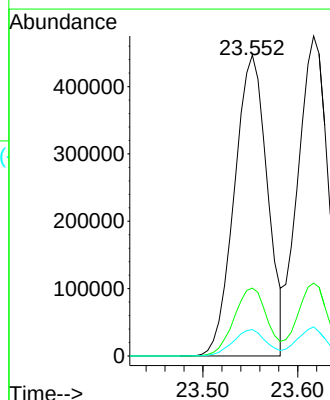
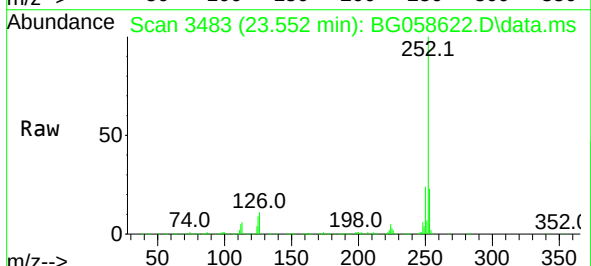
Tgt Ion:252 Resp: 1080657

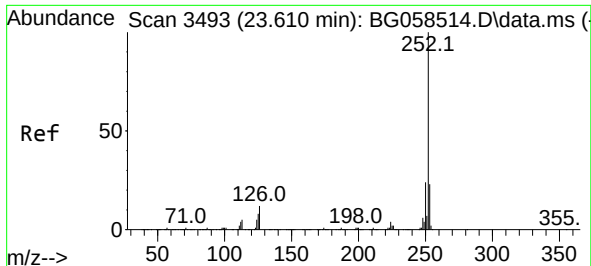
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

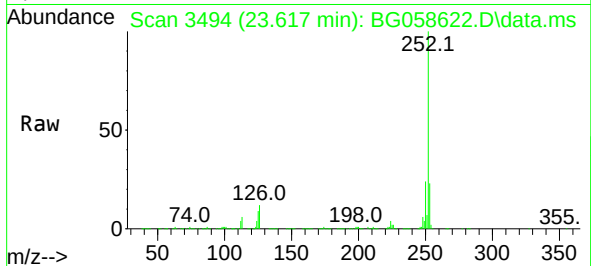
125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 47.923 ng
RT: 23.617 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

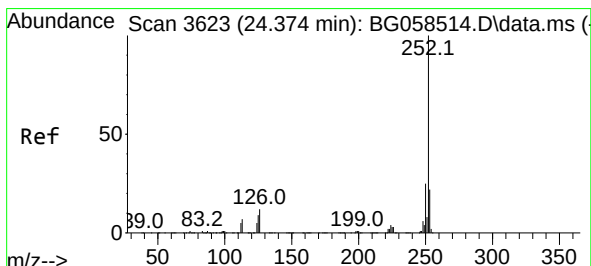
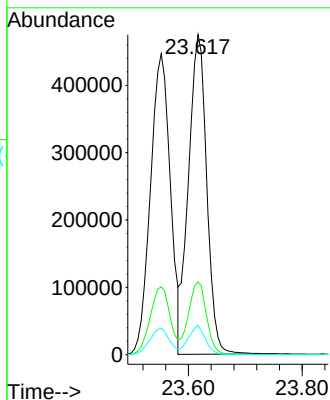
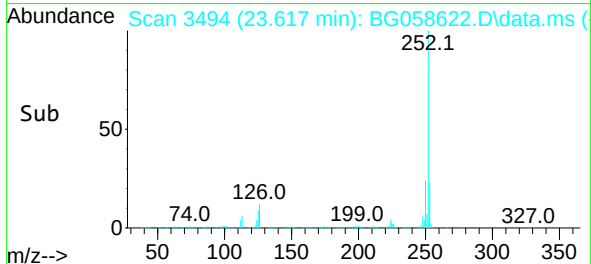
Instrument :
BNA_G
ClientSampleId :
PB154530BS



Tgt Ion:252 Resp: 1060184
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.1 6.6 10.0

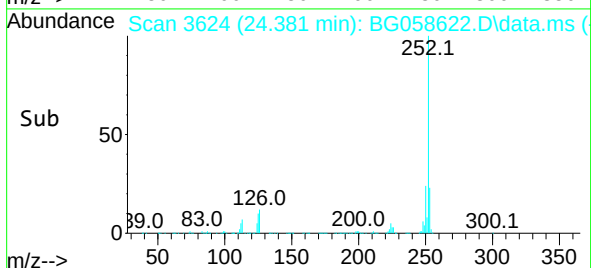
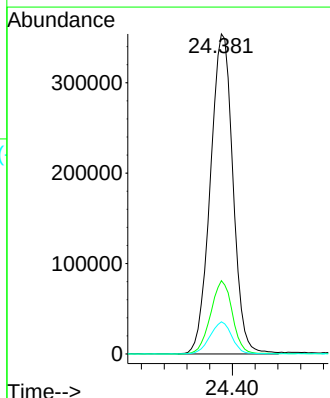
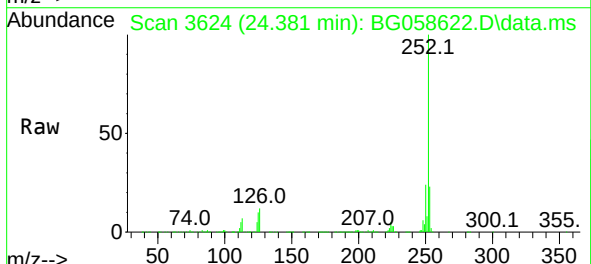
Manual Integrations
APPROVED

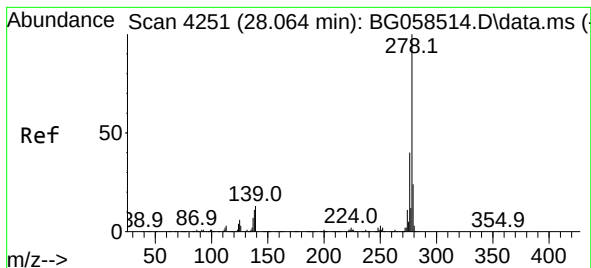
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#90
Benzo(a)pyrene
Concen: 45.130 ng
RT: 24.381 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058622.D
Acq: 7 Aug 2023 11:30

Tgt Ion:252 Resp: 976004
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.1 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 48.541 ng

RT: 28.082 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Instrument :

BNA_G

ClientSampleId :

PB154530BS

Tgt Ion:278 Resp: 108412

Ion Ratio Lower Upper

278 100

139 12.1 10.4 15.6

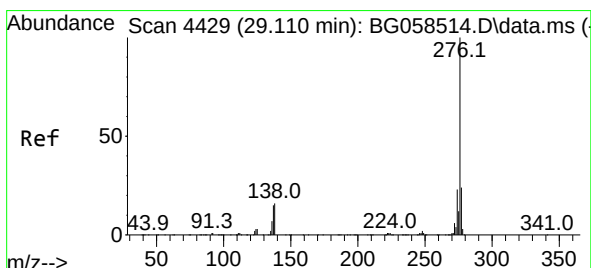
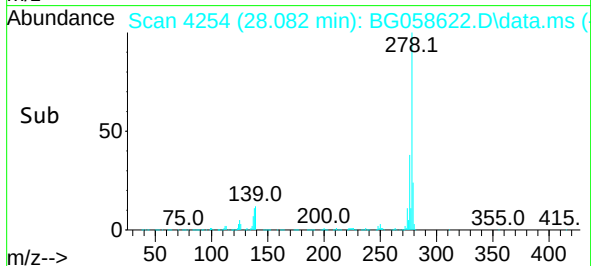
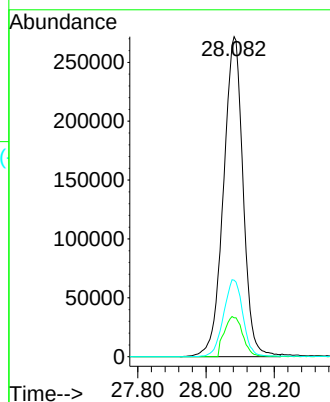
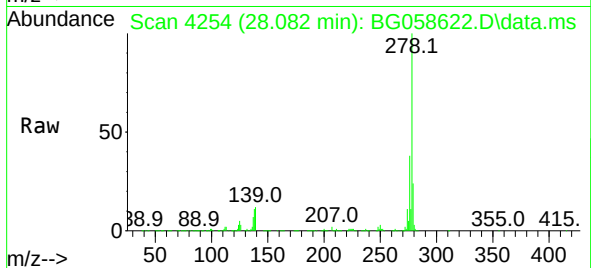
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#92

Benzo(g,h,i)perylene

Concen: 47.729 ng

RT: 29.122 min Scan# 4431

Delta R.T. 0.012 min

Lab File: BG058622.D

Acq: 7 Aug 2023 11:30

Tgt Ion:276 Resp: 1068917

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 17.0 13.0 19.4

