

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058637.D
 Acq On : 8 Aug 2023 10:53
 Operator : MA/JU
 Sample : PB154638BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154638BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 04:07:55 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	7.811	152	45222	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	202394	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	147602	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	363317	20.000	ng	0.00
76) Chrysene-d12	21.454	240	320713	20.000	ng	0.00
86) Perylene-d12	24.521	264	405190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	440565	148.907	ng	0.00
7) Phenol-d6	6.988	99	613322	148.975	ng	0.00
23) Nitrobenzene-d5	8.980	82	368239	89.379	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	330473	136.599	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	857166	87.028	ng	0.00
79) Terphenyl-d14	19.826	244	1620781	95.036	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	48903	34.110	ng	99
3) Pyridine	3.663	79	124530	31.859	ng	97
4) n-Nitrosodimethylamine	3.580	42	76045	45.917	ng	# 99
6) Aniline	7.141	93	205186	40.481	ng	99
8) 2-Chlorophenol	7.382	128	160957	55.454	ng	96
9) Benzaldehyde	6.953	77	67095	29.997	ng	97
10) Phenol	7.018	94	225212	56.000	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	155275	48.975	ng	96
12) 1,3-Dichlorobenzene	7.699	146	150147	48.444	ng	98
13) 1,4-Dichlorobenzene	7.846	146	154401	49.614	ng	97
14) 1,2-Dichlorobenzene	8.163	146	150220	50.488	ng	98
15) Benzyl Alcohol	8.058	79	155384	59.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	261667	50.808	ng	99
17) 2-Methylphenol	8.263	107	153125	52.074	ng	98
18) Hexachloroethane	8.892	117	56088	49.586	ng	91
19) n-Nitroso-di-n-propyla...	8.622	70	133450	50.183	ng	99
20) 3+4-Methylphenols	8.592	107	213702	53.728	ng	99
22) Acetophenone	8.639	105	254342	46.932	ng	# 99
24) Nitrobenzene	9.021	77	192947	46.066	ng	97
25) Isophorone	9.538	82	392468	46.104	ng	100
26) 2-Nitrophenol	9.732	139	88120	48.332	ng	97
27) 2,4-Dimethylphenol	9.791	122	150601	49.798	ng	100
28) bis(2-Chloroethoxy)met...	10.026	93	222977	48.132	ng	98
29) 2,4-Dichlorophenol	10.267	162	163035	51.921	ng	98
30) 1,2,4-Trichlorobenzene	10.478	180	169185	46.720	ng	99
31) Naphthalene	10.666	128	485479	45.511	ng	100
32) Benzoic acid	9.961	122	114056	49.268	ng	97
33) 4-Chloroaniline	10.778	127	140860	31.254	ng	97
34) Hexachlorobutadiene	10.942	225	106067	45.482	ng	98
35) Caprolactam	11.565	113	61314m	52.877	ng	
36) 4-Chloro-3-methylphenol	11.912	107	202587	52.155	ng	100
37) 2-Methylnaphthalene	12.276	142	343032	44.955	ng	96
38) 1-Methylnaphthalene	12.499	142	333138	45.928	ng	96
40) 1,2,4,5-Tetrachloroben...	12.652	216	201737	44.519	ng	99
41) Hexachlorocyclopentadiene	12.623	237	201854	94.549	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	152572	48.951	ng	98

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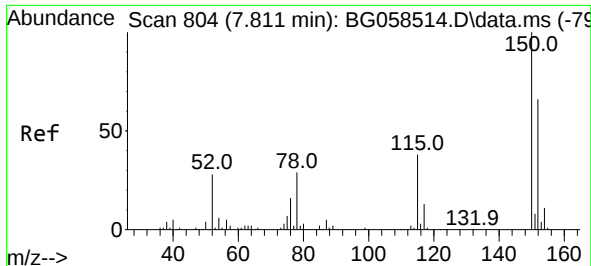
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	167925	45.741	ng	97
46) 1,1'-Biphenyl	13.293	154	468520	46.221	ng	99
47) 2-Chloronaphthalene	13.334	162	371277	46.976	ng	99
48) 2-Nitroaniline	13.545	65	150375	49.847	ng	98
49) Acenaphthylene	14.186	152	627787	47.443	ng	100
50) Dimethylphthalate	13.921	163	524007	47.271	ng	99
51) 2,6-Dinitrotoluene	14.045	165	118706	48.804	ng	98
52) Acenaphthene	14.526	154	351662	45.994	ng	99
53) 3-Nitroaniline	14.380	138	85841	35.275	ng	96
54) 2,4-Dinitrophenol	14.591	184	146726	104.483	ng	98
55) Dibenzofuran	14.861	168	604498	46.011	ng	99
56) 4-Nitrophenol	14.697	139	184486	101.382	ng	93
57) 2,4-Dinitrotoluene	14.838	165	169259	50.194	ng	96
58) Fluorene	15.514	166	491025	47.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	158634	50.639	ng	98
60) Diethylphthalate	15.284	149	537895	47.630	ng	100
61) 4-Chlorophenyl-phenyle...	15.502	204	270643	46.512	ng	99
62) 4-Nitroaniline	15.543	138	119089	51.660	ng	99
63) Azobenzene	15.796	77	519718	46.723	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	107715	53.769	ng	100
66) n-Nitrosodiphenylamine	15.719	169	443528	46.904	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	187425	45.483	ng	99
68) Hexachlorobenzene	16.512	284	213650	48.928	ng	99
69) Atrazine	16.671	200	182341	57.121	ng	100
70) Pentachlorophenol	16.865	266	228307	86.381	ng	98
71) Phenanthrene	17.253	178	808195	46.906	ng	99
72) Anthracene	17.341	178	826063	46.724	ng	99
73) Carbazole	17.611	167	775931	49.770	ng	99
74) Di-n-butylphthalate	18.163	149	955504	48.931	ng	100
75) Fluoranthene	19.262	202	989585	47.813	ng	99
77) Benzidine	19.450	184	417672	85.882	ng	99
78) Pyrene	19.626	202	1023531	46.894	ng	99
80) Butylbenzylphthalate	20.514	149	425146	47.421	ng	100
81) Benzo(a)anthracene	21.430	228	1053444	47.729	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	312610	41.891	ng	99
83) Chrysene	21.495	228	979519	46.288	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	615316	46.966	ng	98
85) Di-n-octyl phthalate	22.488	149	1096283	47.595	ng	100
87) Indeno(1,2,3-cd)pyrene	28.028	276	1341441	49.764	ng	100
88) Benzo(b)fluoranthene	23.545	252	1125835	51.229	ng	99
89) Benzo(k)fluoranthene	23.610	252	1065099	48.243	ng	99
90) Benzo(a)pyrene	24.380	252	1004416	46.539	ng	99
91) Dibenzo(a,h)anthracene	28.075	278	1111285	49.858	ng	98
92) Benzo(g,h,i)perylene	29.115	276	1089879	48.764	ng	98

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



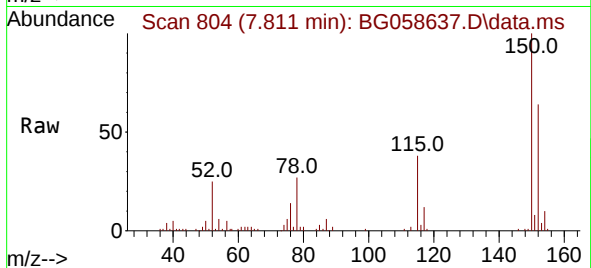
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

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BNA_G

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PB154638BS

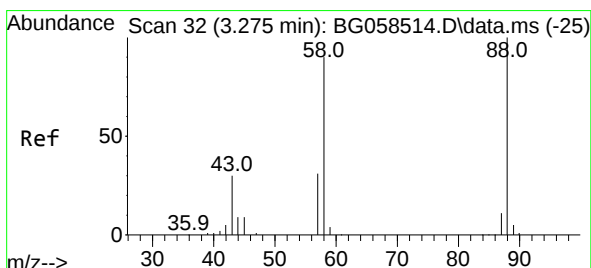
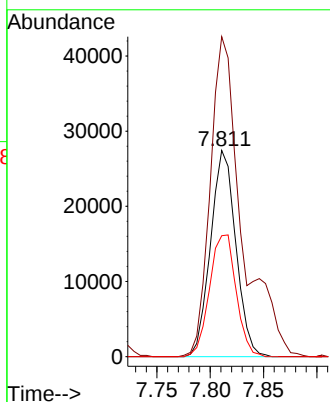
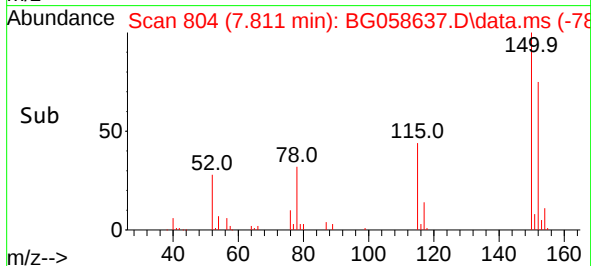


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Ion Ratio Lower Upper
152 100
150 155.2 120.5 180.7
115 58.7 45.9 68.9

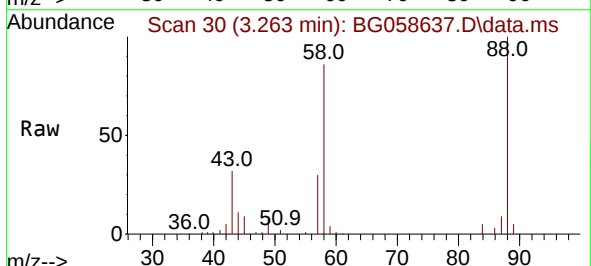
Manual Integrations

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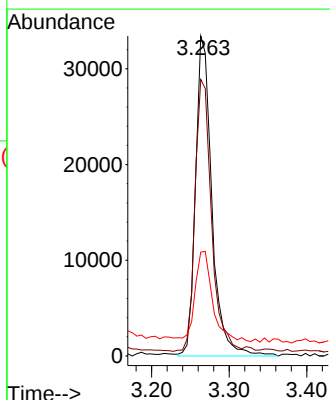
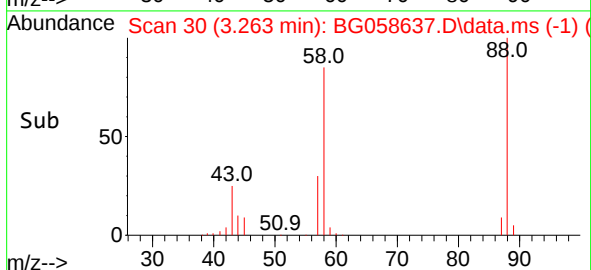
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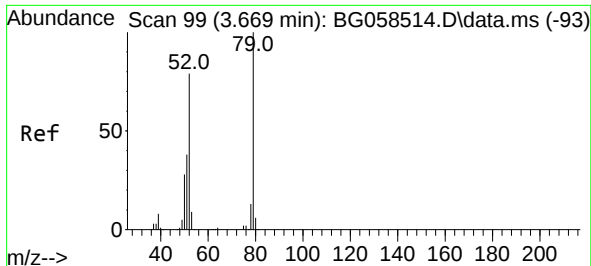


#2
1,4-Dioxane
Concen: 34.110 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



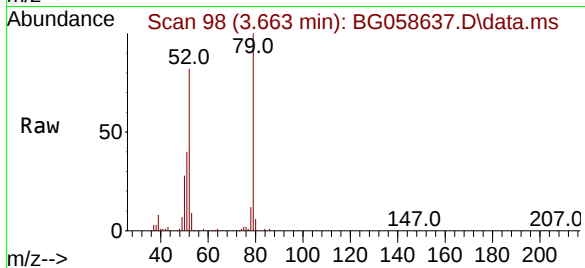
Tgt Ion: 88 Resp: 48903
Ion Ratio Lower Upper
88 100
58 85.4 68.9 103.3
43 30.1 22.9 34.3





#3
Pyridine
Concen: 31.859 ng
RT: 3.663 min Scan# 99
Delta R.T. -0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

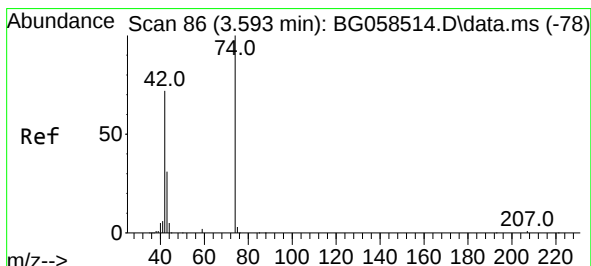
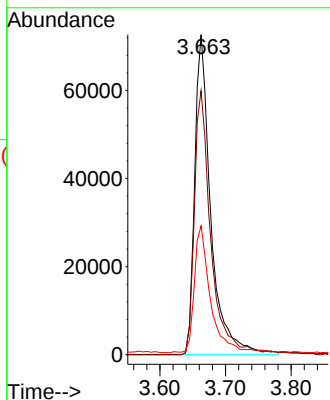
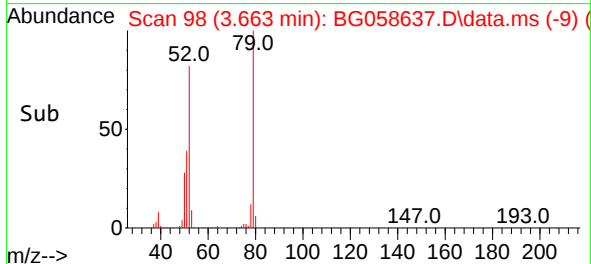
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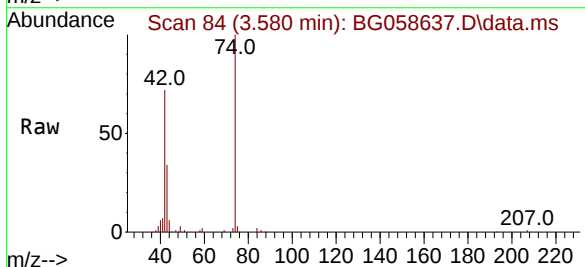
Tgt Ion: 79 Resp: 124530
Ion Ratio Lower Upper
79 100
52 82.5 63.2 94.8
51 40.3 31.9 47.9

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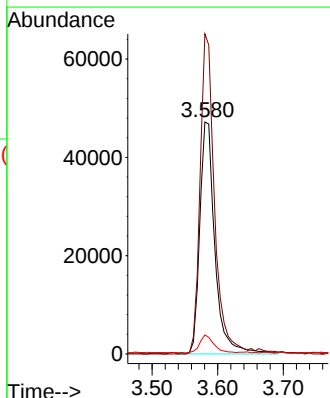
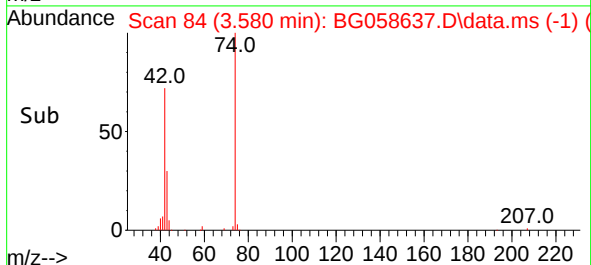
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.580 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion: 42 Resp: 76045
Ion Ratio Lower Upper
42 100
74 137.9 111.5 167.3
44 8.2 5.4 8.2#





#5
2-Fluorophenol
Concen: 148.907 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

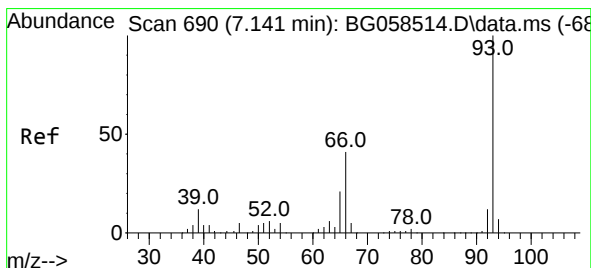
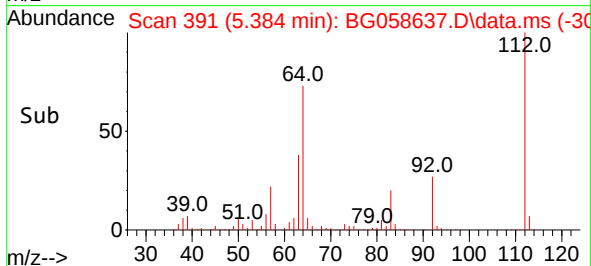
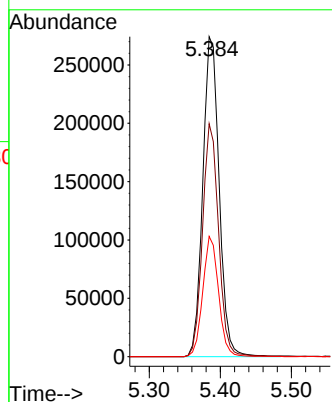
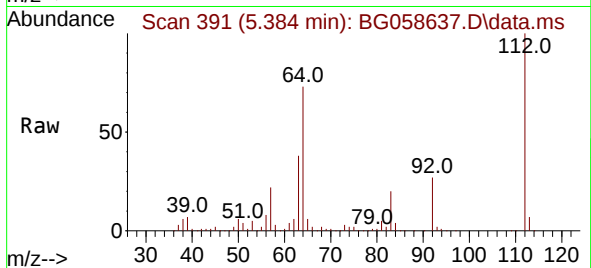
ClientSampleId :

PB154638BS

Tgt Ion:112 Resp: 44056
Ion Ratio Lower Upper
112 100
64 72.8 55.3 82.9
63 37.6 28.3 42.5

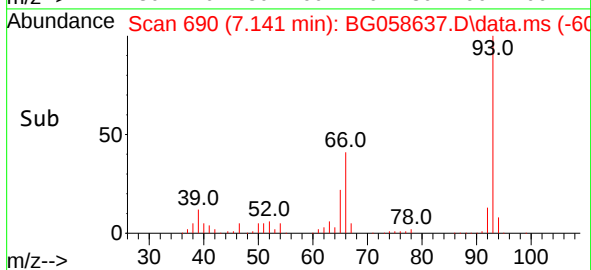
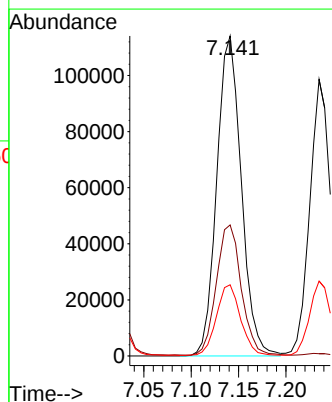
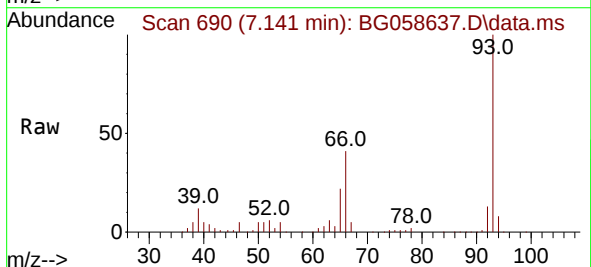
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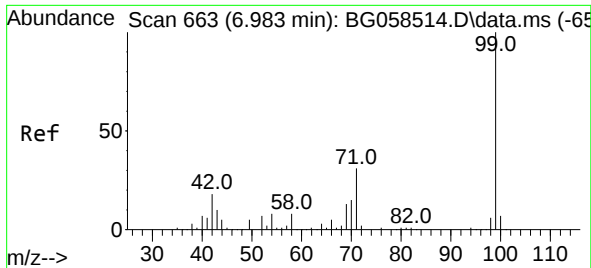
Reviewed By :Yogesh Patel 08/09/2023
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#6
Aniline
Concen: 40.481 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion: 93 Resp: 205186
Ion Ratio Lower Upper
93 100
66 41.0 33.1 49.7
65 22.2 17.0 25.4





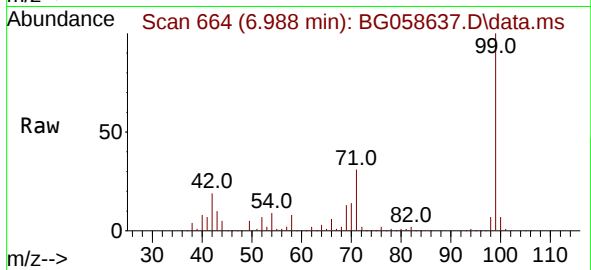
#7
Phenol-d6
Concen: 148.975 ng
RT: 6.988 min Scan# 613
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

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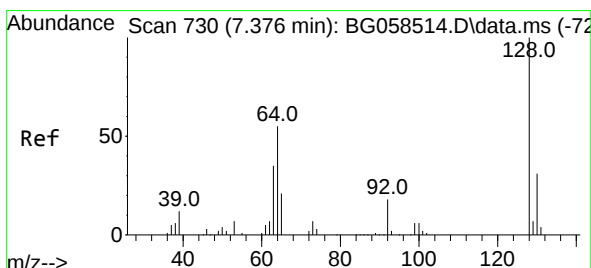
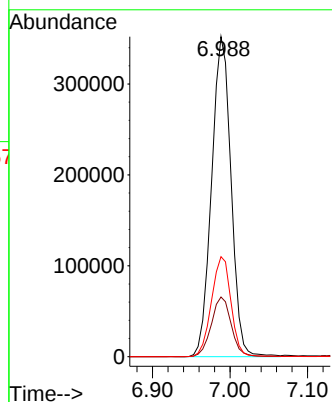
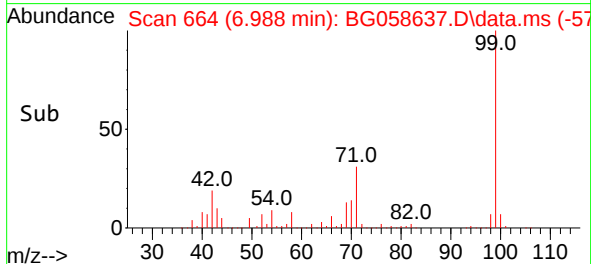


Tgt Ion: 99 Resp: 61332
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.2 25.0 37.4

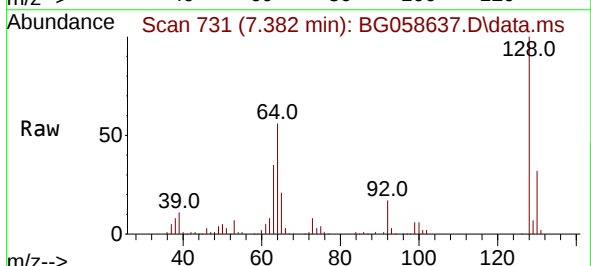
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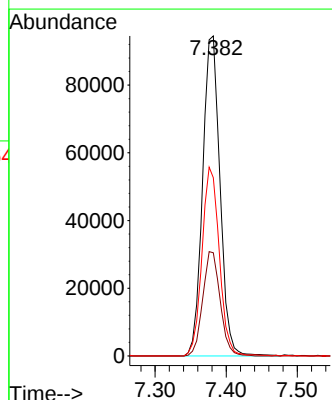
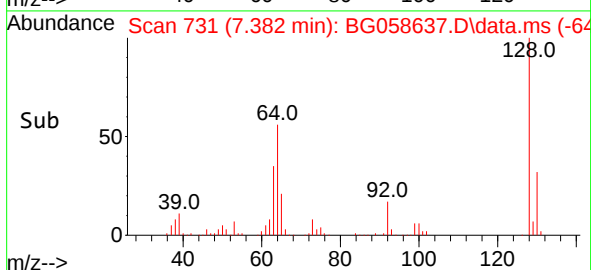
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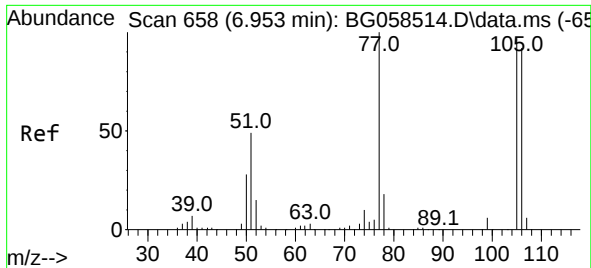


#8
2-Chlorophenol
Concen: 55.454 ng
RT: 7.382 min Scan# 731
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:128 Resp: 160957
Ion Ratio Lower Upper
128 100
130 32.3 10.9 50.9
64 55.7 39.0 79.0





#9
Benzaldehyde
Concen: 29.997 ng
RT: 6.953 min Scan# 658
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

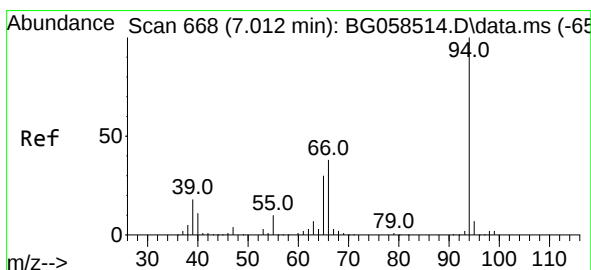
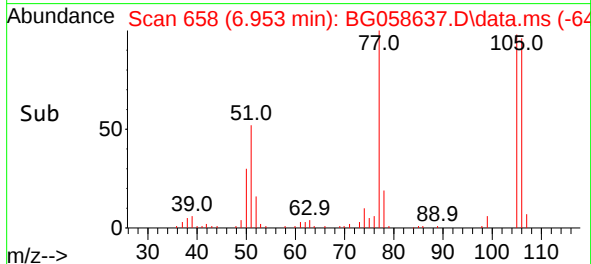
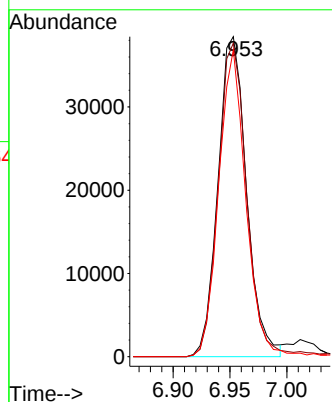
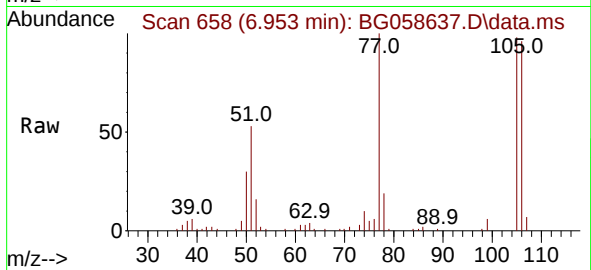
PB154638BS

Tgt Ion: 77 Resp: 67095
Ion Ratio Lower Upper
77 100
105 97.9 77.1 117.1
106 95.9 71.6 111.6

Manual Integrations

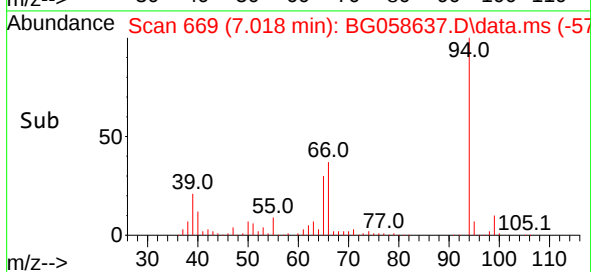
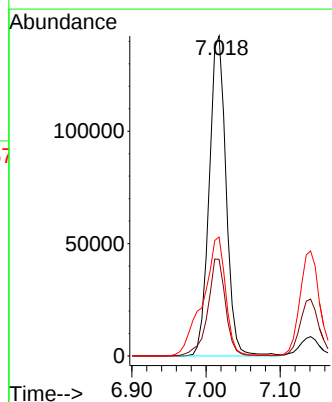
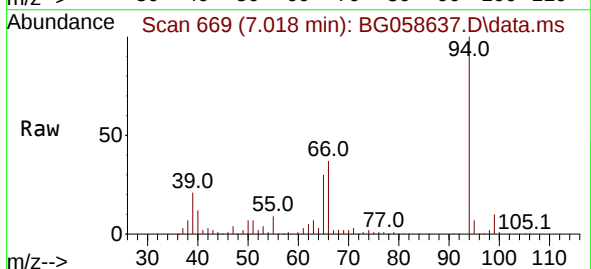
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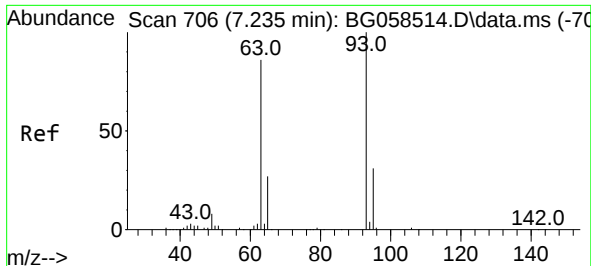
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 56.000 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion: 94 Resp: 225212
Ion Ratio Lower Upper
94 100
65 30.2 10.4 50.4
66 37.1 18.7 58.7





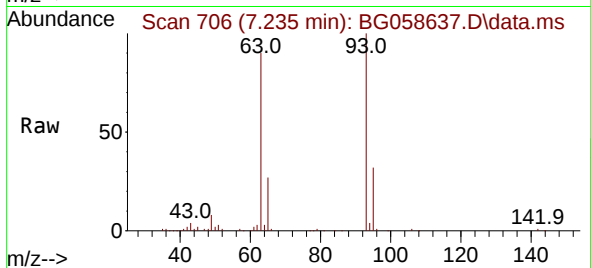
#11
bis(2-Chloroethyl)ether
Concen: 48.975 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

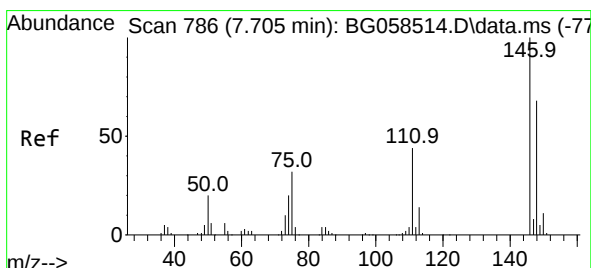
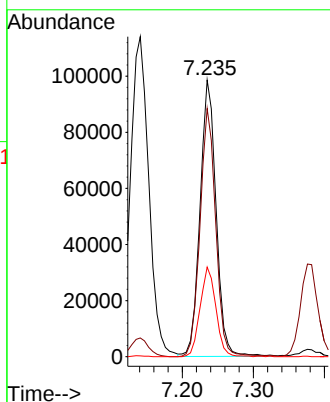
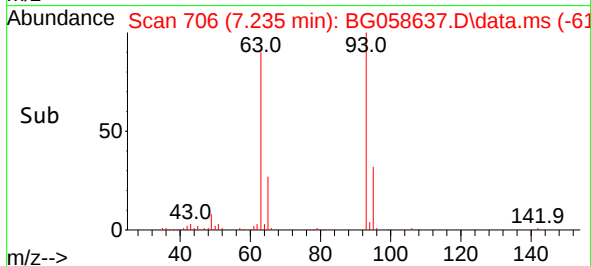
PB154638BS



Tgt Ion: 93 Resp: 15527
Ion Ratio Lower Upper
93 100
63 89.7 65.5 105.5
95 32.4 11.2 51.2

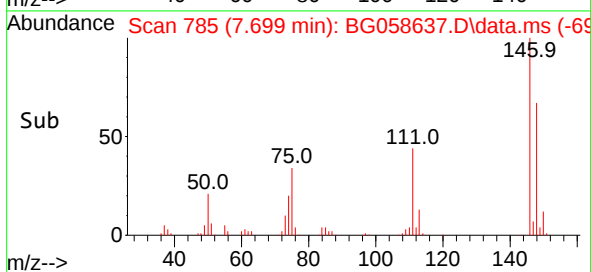
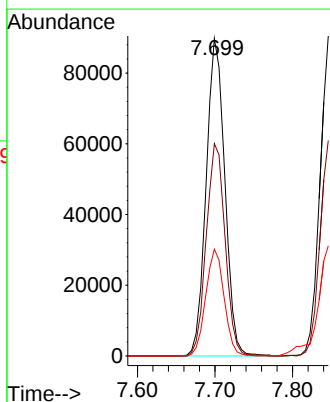
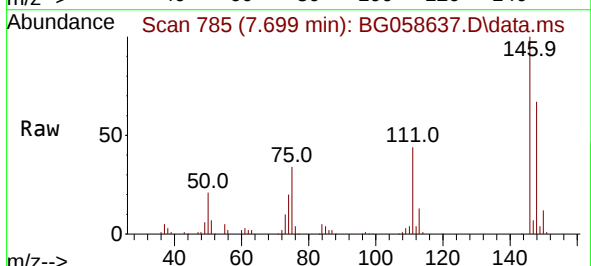
Manual Integrations
APPROVED

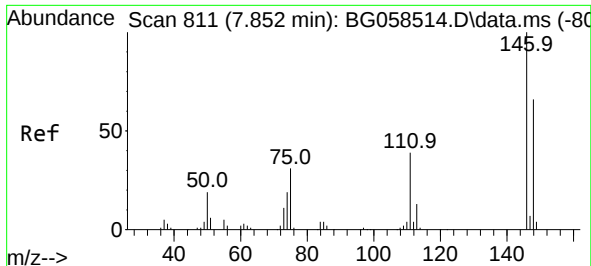
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#12
1,3-Dichlorobenzene
Concen: 48.444 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:146 Resp: 150147
Ion Ratio Lower Upper
146 100
148 66.9 54.7 82.1
75 33.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.614 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

Tgt Ion:146 Resp: 15440

Ion Ratio Lower Upper

146 100

148 67.4 52.8 79.2

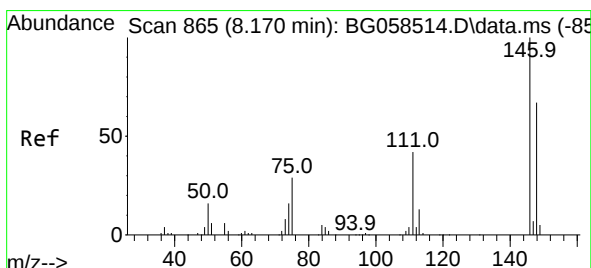
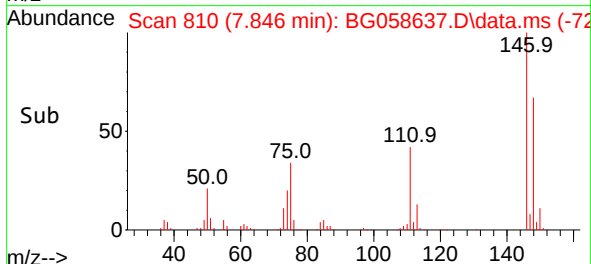
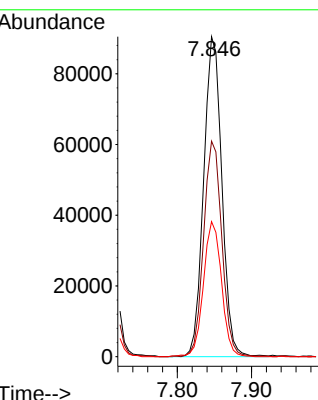
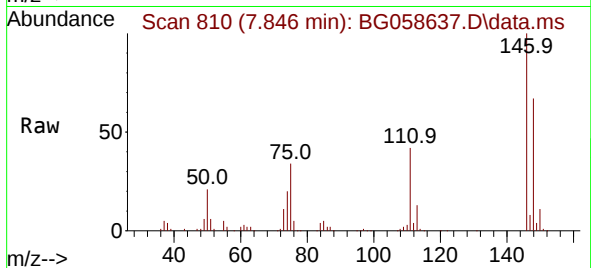
111 42.2 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#14

1,2-Dichlorobenzene

Concen: 50.488 ng

RT: 8.163 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

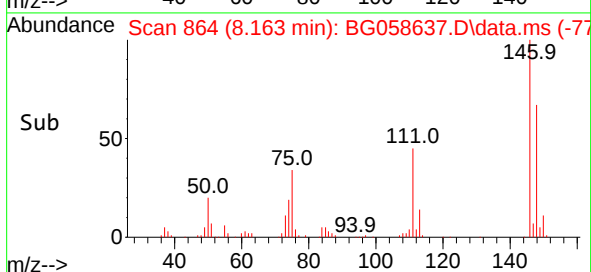
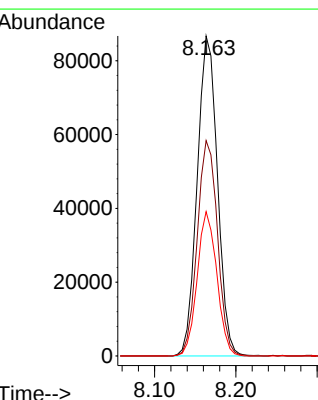
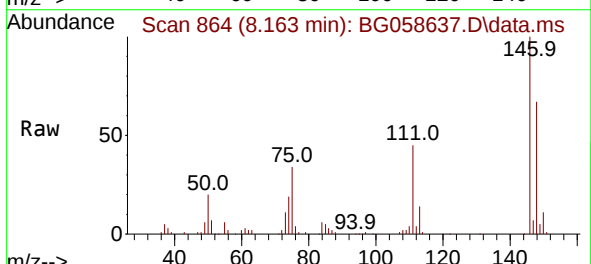
Tgt Ion:146 Resp: 150220

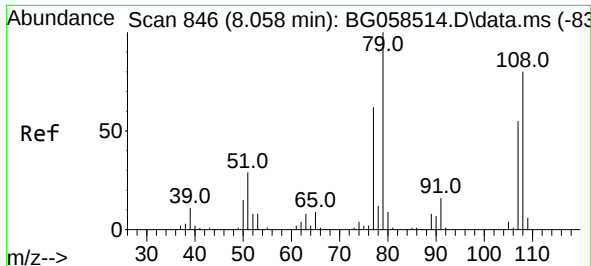
Ion Ratio Lower Upper

146 100

148 67.3 53.4 80.2

111 45.1 34.2 51.2





#15
Benzyl Alcohol
Concen: 59.514 ng
RT: 8.058 min Scan# 846
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

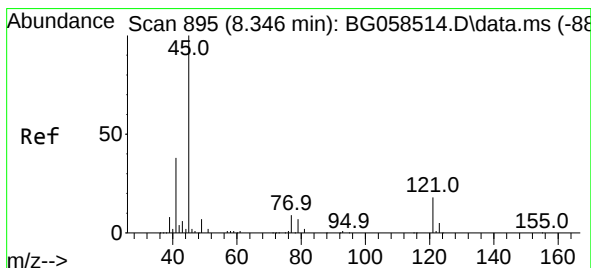
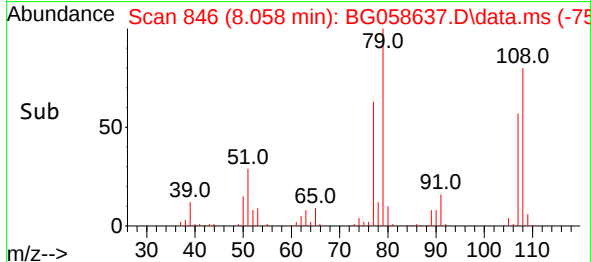
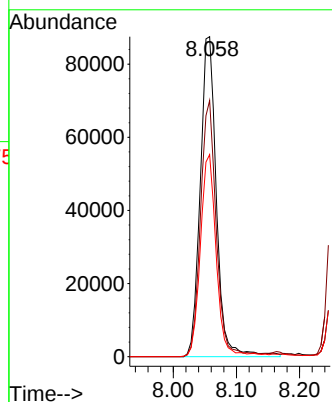
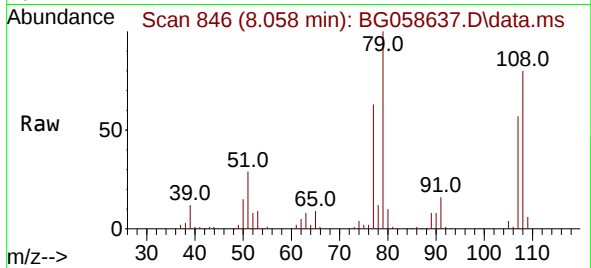
ClientSampleId :

PB154638BS

Tgt Ion: 79 Resp: 155384
Ion Ratio Lower Upper
79 100
108 80.0 63.8 95.6
77 63.2 49.8 74.6

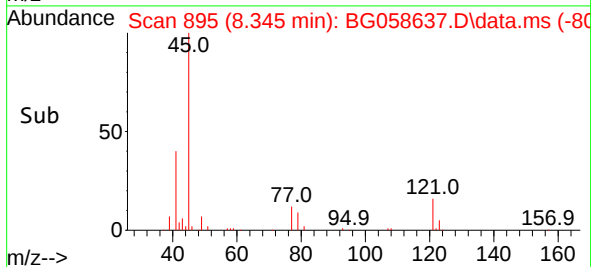
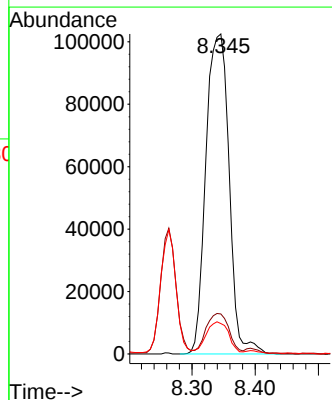
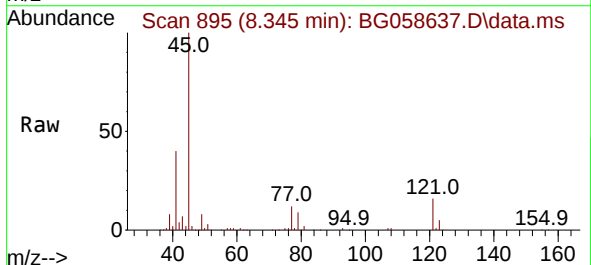
Manual Integrations
APPROVED

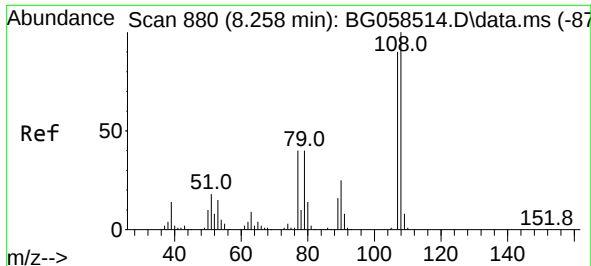
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.808 ng
RT: 8.345 min Scan# 895
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion: 45 Resp: 261667
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.6
79 9.5 0.0 30.2





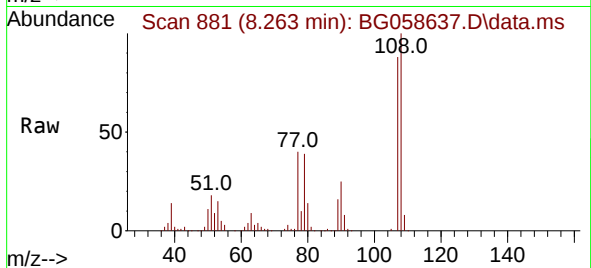
#17
2-Methylphenol
Concen: 52.074 ng
RT: 8.263 min Scan# 881
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

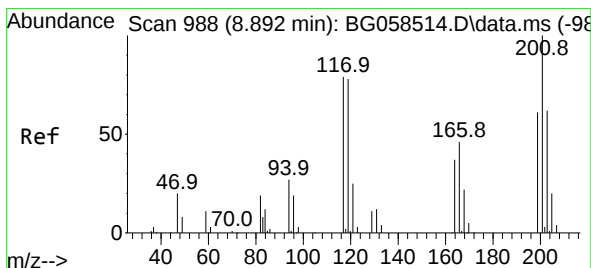
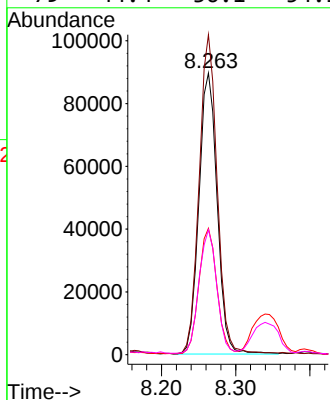
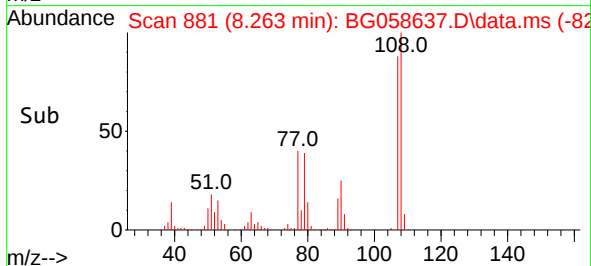


Tgt Ion:107 Resp: 15312
Ion Ratio Lower Upper
107 100
108 113.6 89.1 133.7
77 44.9 36.2 54.4
79 44.4 36.1 54.1

Manual Integrations

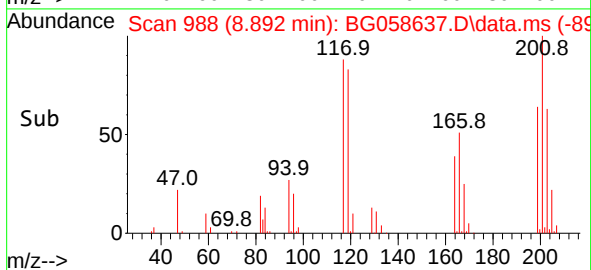
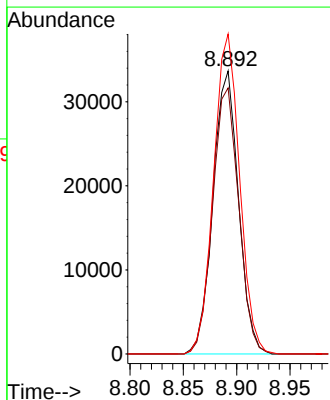
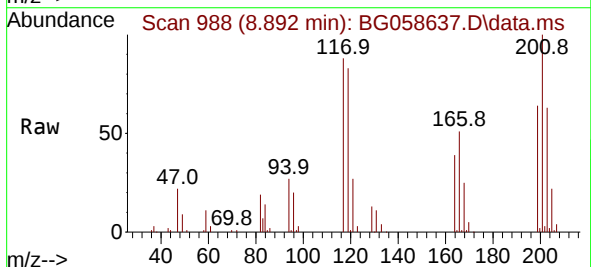
APPROVED

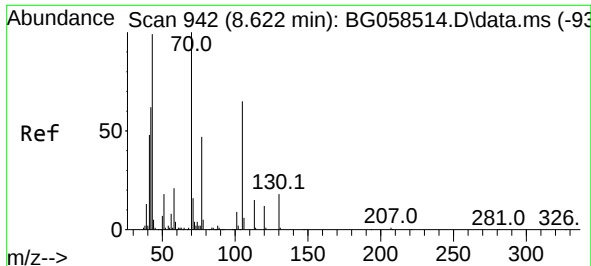
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 49.586 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:117 Resp: 56088
Ion Ratio Lower Upper
117 100
119 94.0 78.6 117.8
201 113.1 101.4 152.0





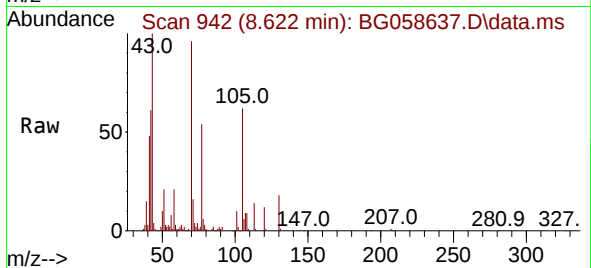
#19
n-Nitroso-di-n-propylamine
Concen: 50.183 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

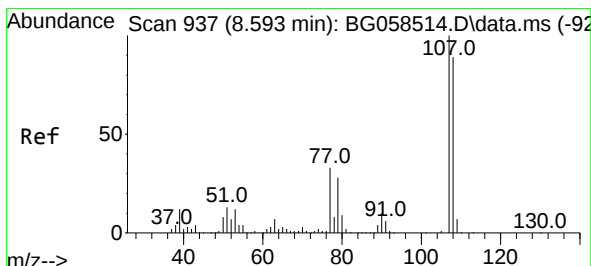
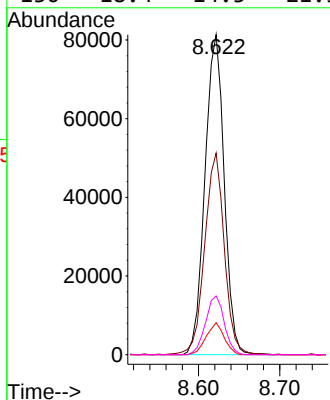
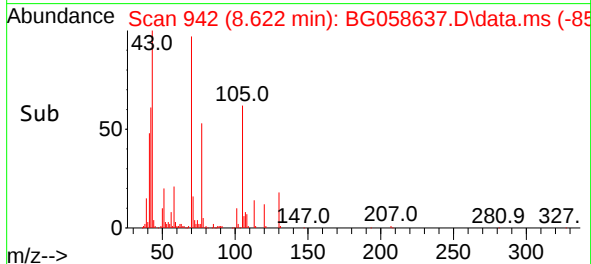
PB154638BS



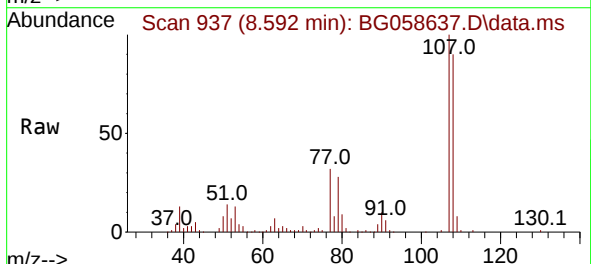
Tgt Ion: 70 Resp: 133450
Ion Ratio Lower Upper
70 100
42 63.0 49.7 74.5
101 10.0 7.0 10.4
130 18.4 14.3 21.5

Manual Integrations
APPROVED

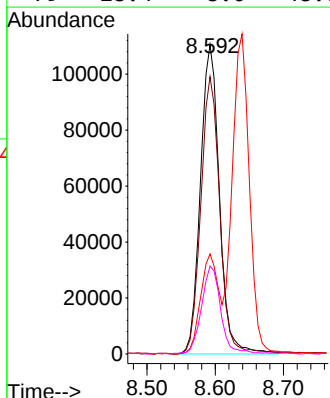
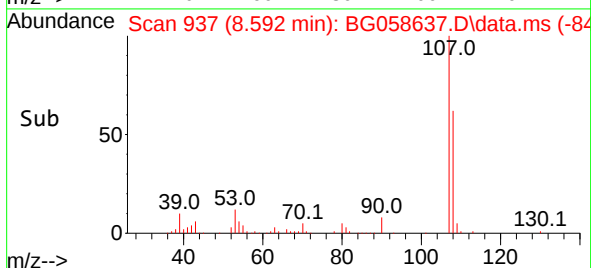
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

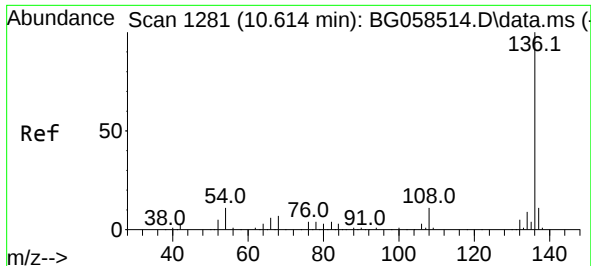


#20
3+4-Methylphenols
Concen: 53.728 ng
RT: 8.592 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:107 Resp: 213702
Ion Ratio Lower Upper
107 100
108 89.7 69.4 109.4
77 32.3 13.0 53.0
79 28.4 8.0 48.0





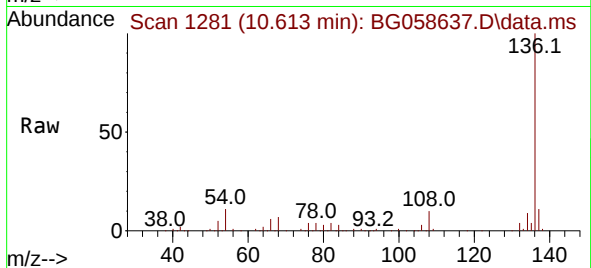
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.613 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

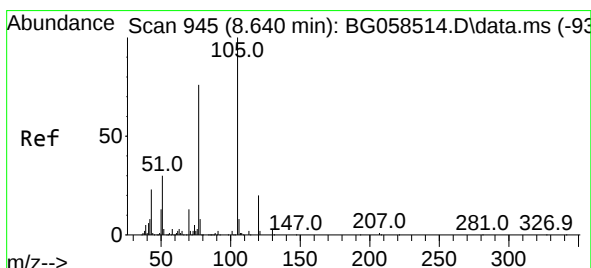
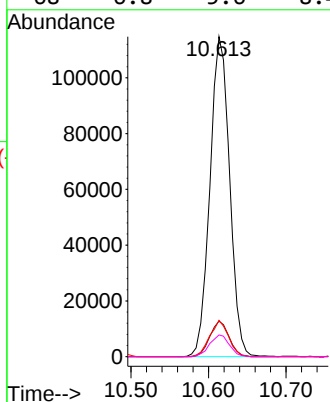
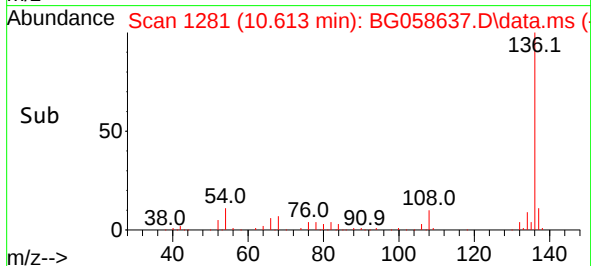


Tgt Ion:136 Resp: 202394
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.4 8.9 13.3
68 6.8 5.6 8.4

Manual Integrations

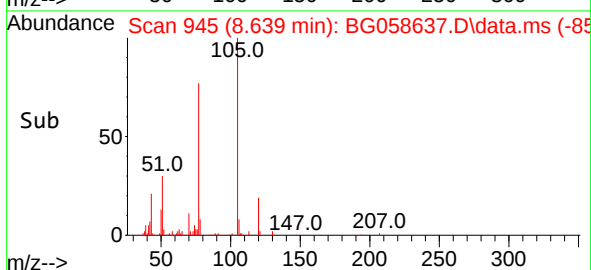
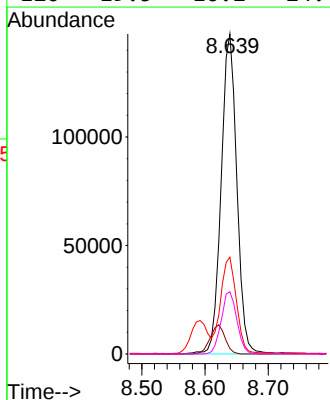
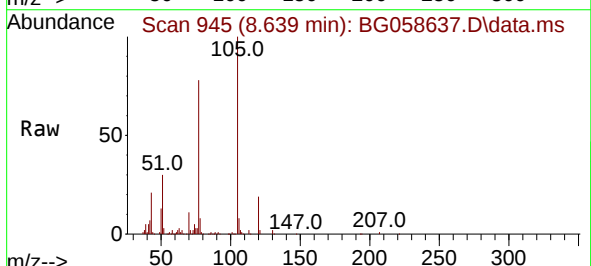
APPROVED

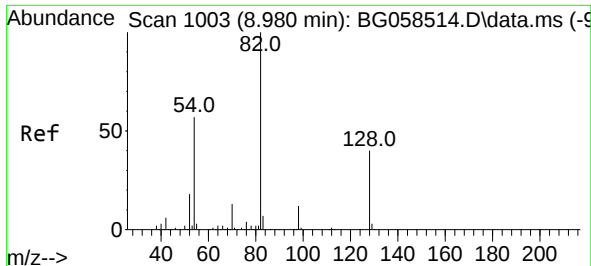
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 46.932 ng
RT: 8.639 min Scan# 945
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:105 Resp: 254342
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 30.2 24.2 36.2
120 19.5 16.2 24.4





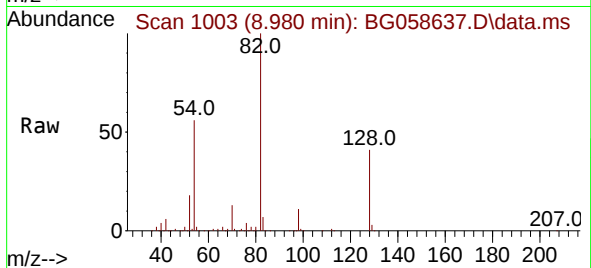
#23
Nitrobenzene-d5
Concen: 89.379 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

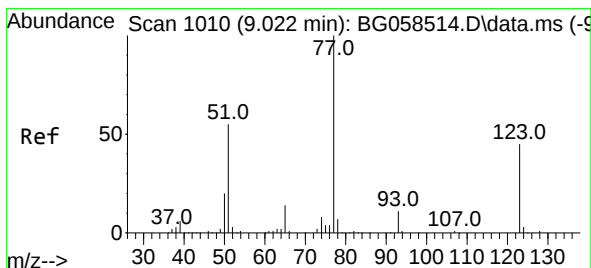
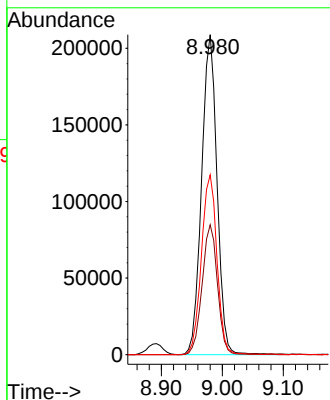
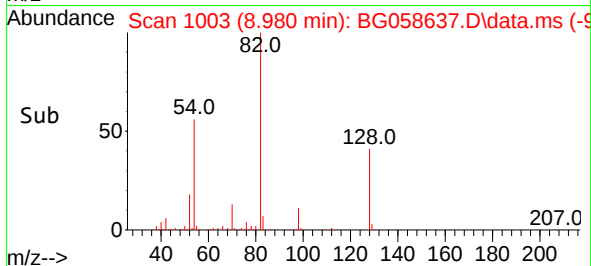


Tgt Ion: 82 Resp: 368239
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 56.2 46.0 69.0

Manual Integrations

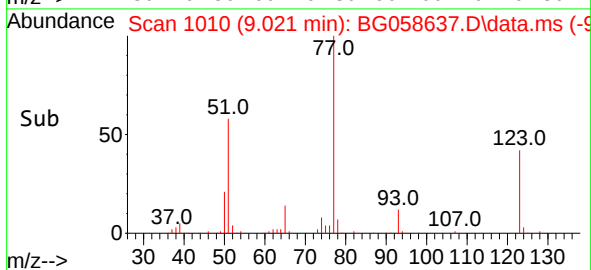
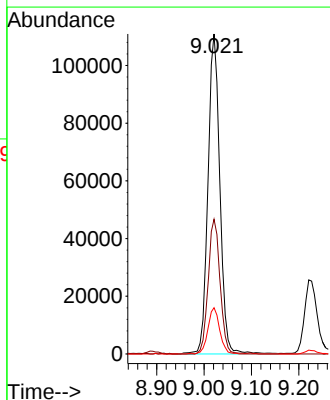
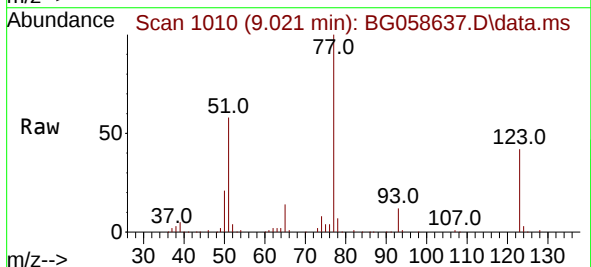
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#24
Nitrobenzene
Concen: 46.066 ng
RT: 9.021 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion: 77 Resp: 192947
Ion Ratio Lower Upper
77 100
123 42.1 35.6 53.4
65 14.4 11.4 17.0





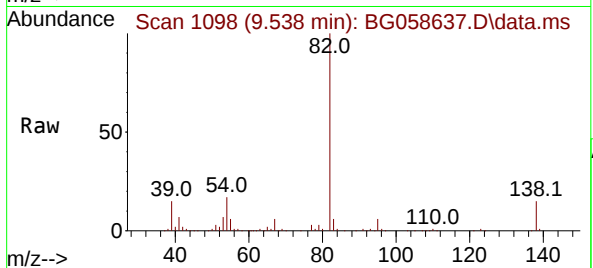
#25
Isophorone
Concen: 46.104 ng
RT: 9.538 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

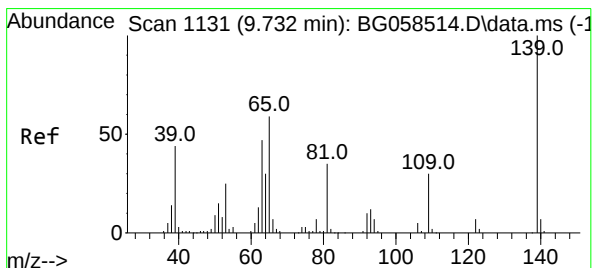
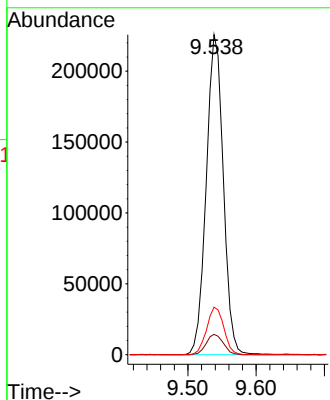
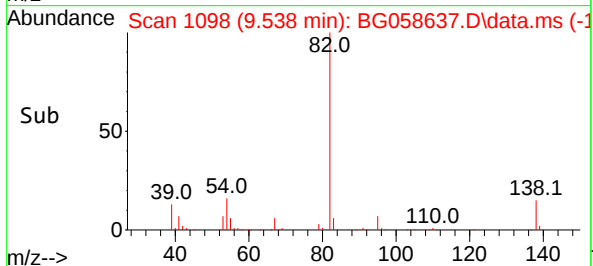


Tgt Ion: 82 Resp: 392468
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.9 11.9 17.9

Manual Integrations

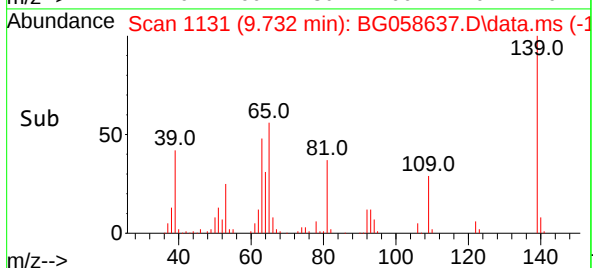
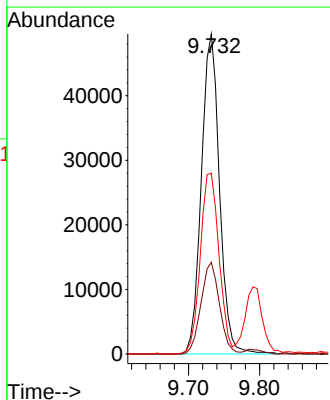
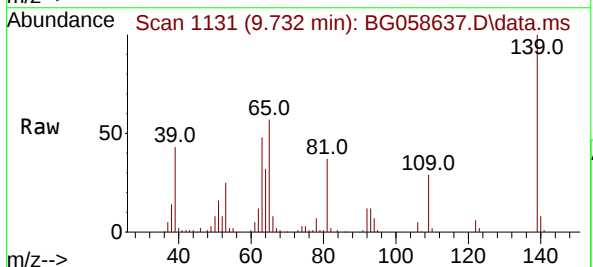
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#26
2-Nitrophenol
Concen: 48.332 ng
RT: 9.732 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:139 Resp: 88120
Ion Ratio Lower Upper
139 100
109 28.7 24.2 36.2
65 56.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.798 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058637.D

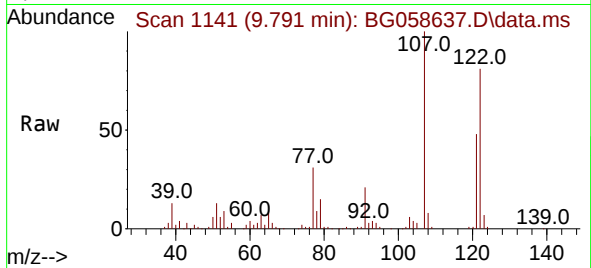
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



Tgt Ion:122 Resp: 15060

Ion Ratio Lower Upper

122 100

107 122.9 98.0 147.0

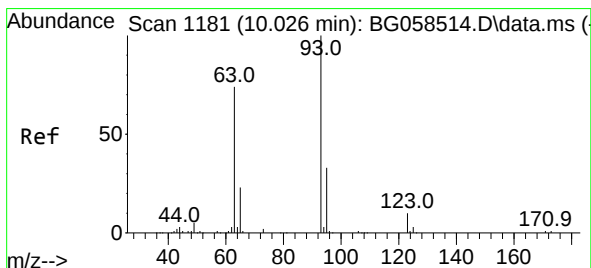
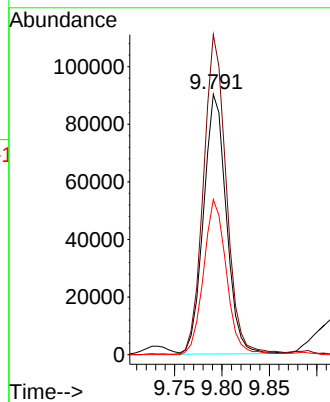
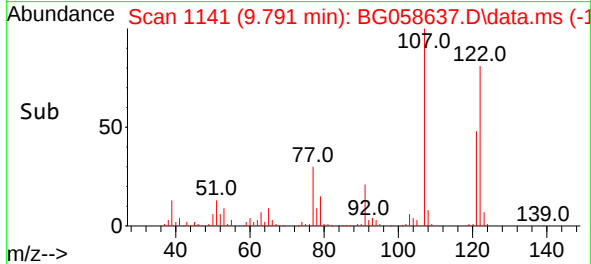
121 59.5 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.132 ng

RT: 10.026 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

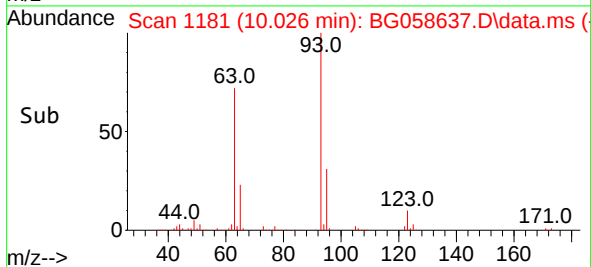
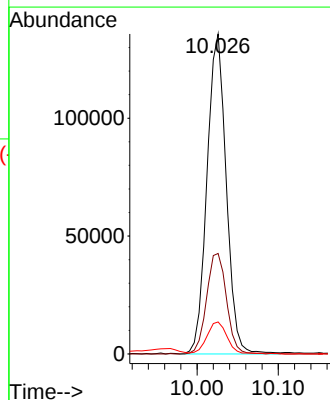
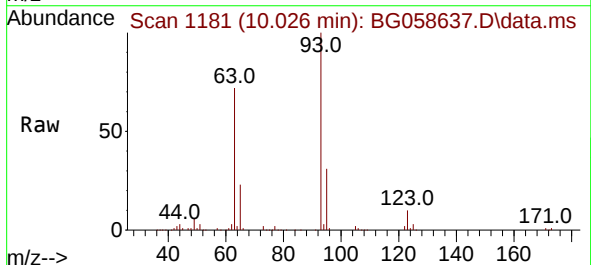
Tgt Ion: 93 Resp: 222977

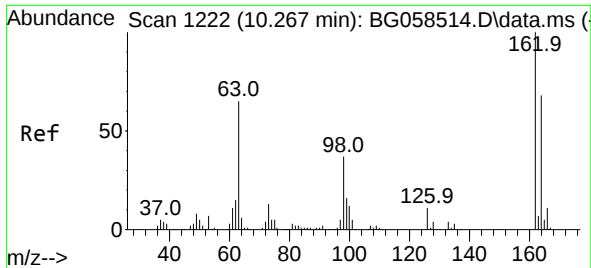
Ion Ratio Lower Upper

93 100

95 31.4 26.0 39.0

123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 51.921 ng

RT: 10.267 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

Tgt Ion:162 Resp: 16303

Ion Ratio Lower Upper

162 100

164 68.7 47.6 87.6

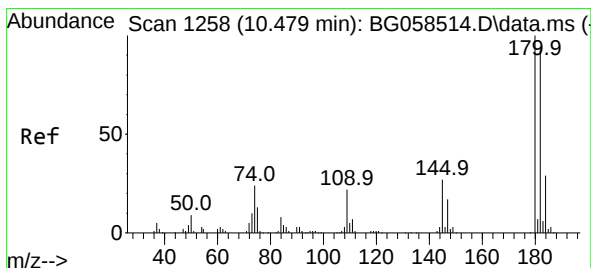
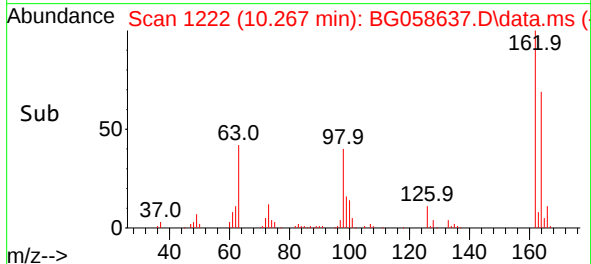
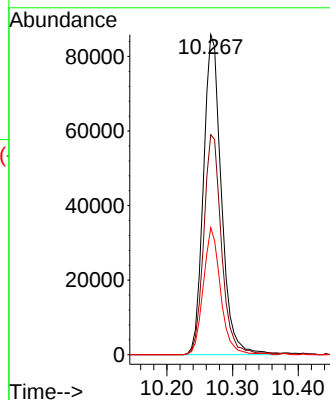
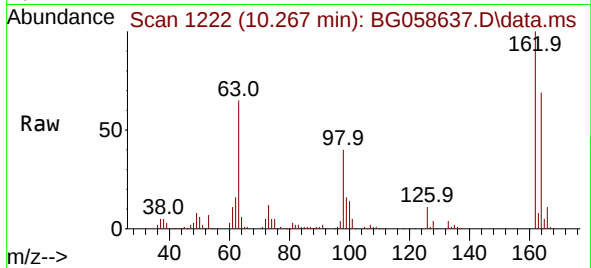
98 39.7 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.720 ng

RT: 10.478 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

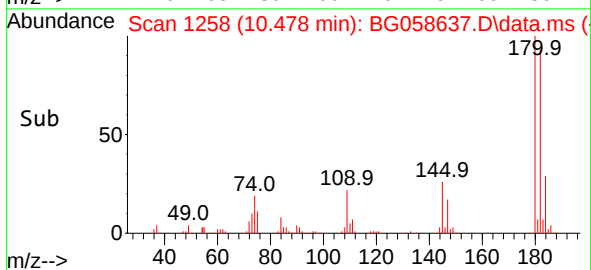
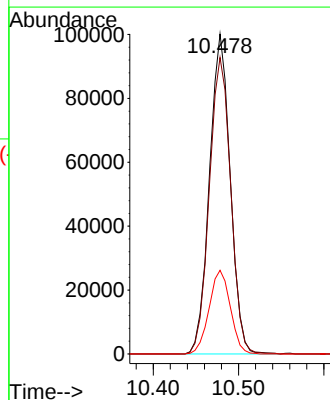
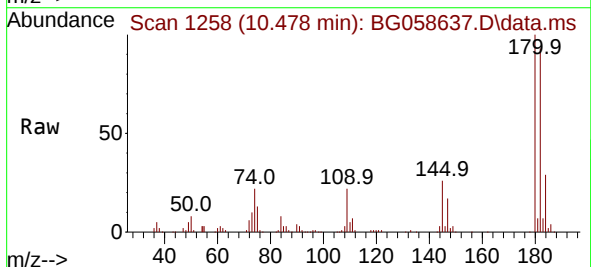
Tgt Ion:180 Resp: 169185

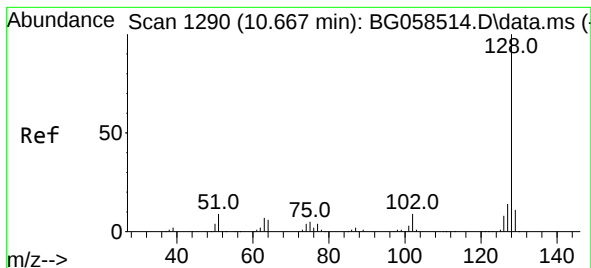
Ion Ratio Lower Upper

180 100

182 92.7 75.0 112.4

145 26.1 21.9 32.9





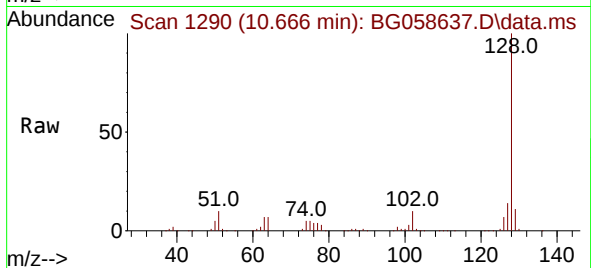
#31
Naphthalene
Concen: 45.511 ng
RT: 10.666 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



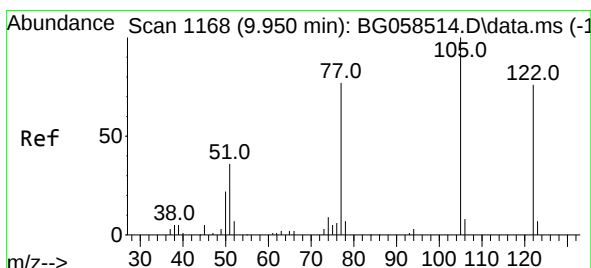
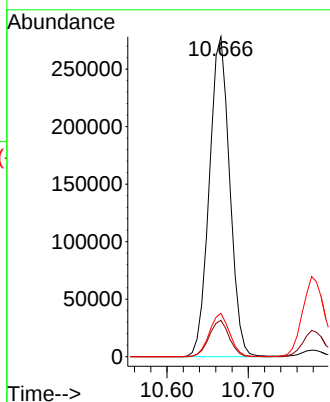
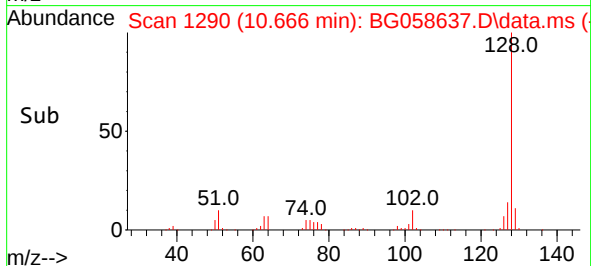
Tgt Ion:128 Resp: 485479
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

Manual Integrations

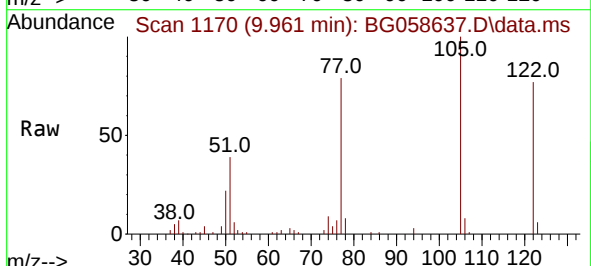
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

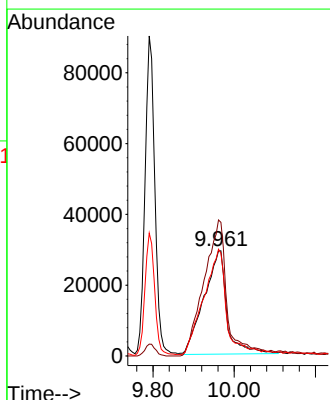
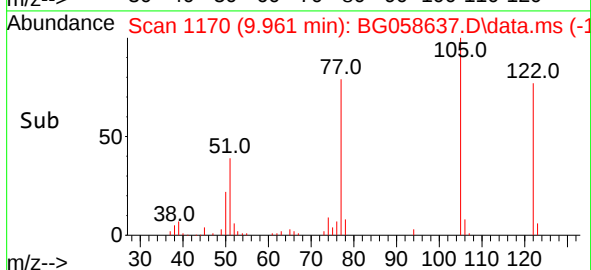
Supervised By :mohammad ahmed 08/09/2023

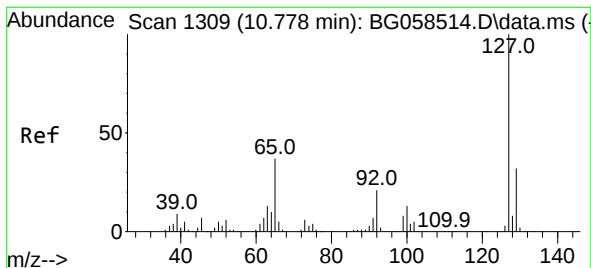


#32
Benzoic acid
Concen: 49.268 ng
RT: 9.961 min Scan# 1170
Delta R.T. 0.011 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:122 Resp: 114056
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 101.5 78.1 118.1





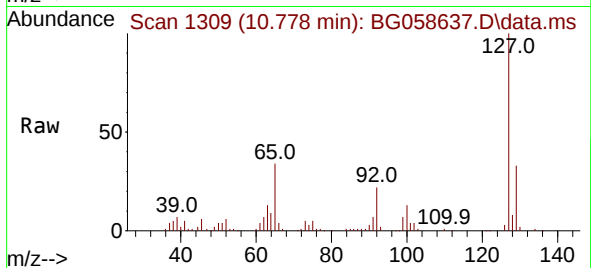
#33
4-Chloroaniline
Concen: 31.254 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

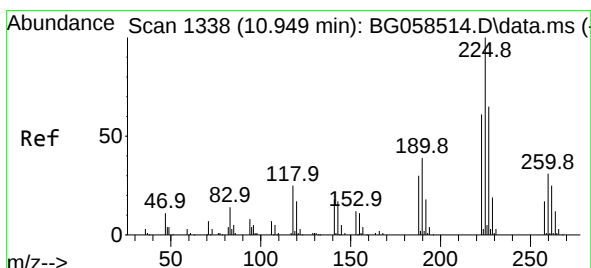
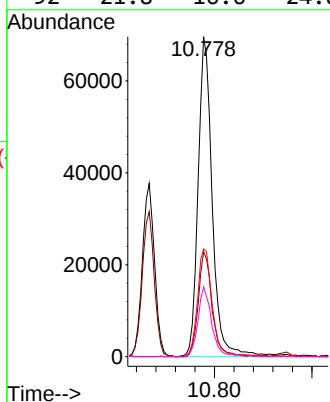
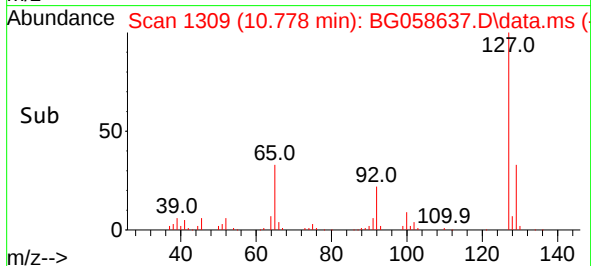


Tgt Ion:127 Resp: 140860
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 33.7 29.5 44.3
92 21.8 16.6 24.8

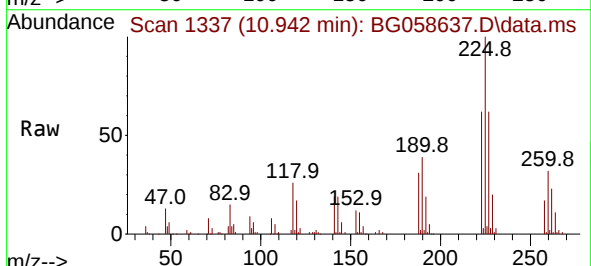
Manual Integrations

APPROVED

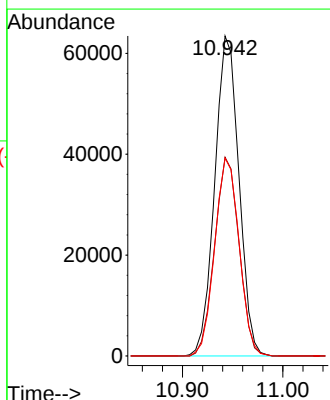
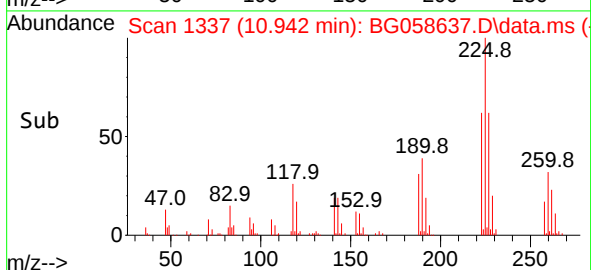
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

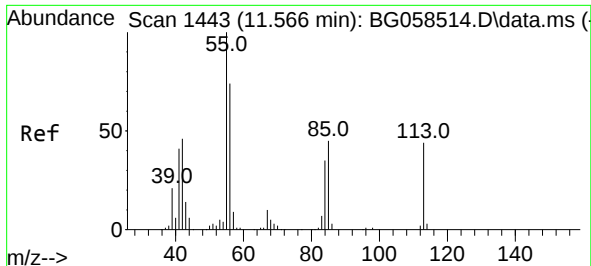


#34
Hexachlorobutadiene
Concen: 45.482 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:225 Resp: 106067
Ion Ratio Lower Upper
225 100
223 62.1 49.0 73.6
227 61.8 51.7 77.5





#35
 Caprolactam
 Concen: 52.877 ng m
 RT: 11.565 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BG058637.D
 Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

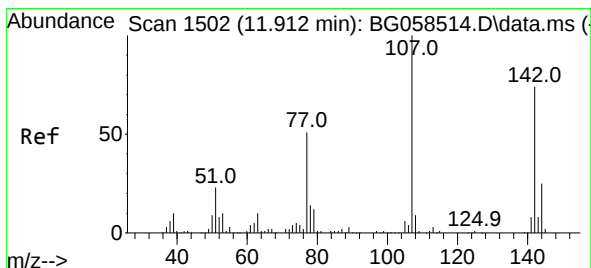
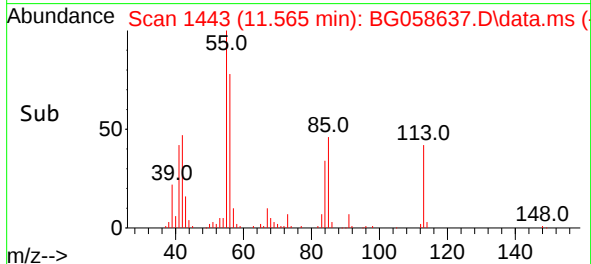
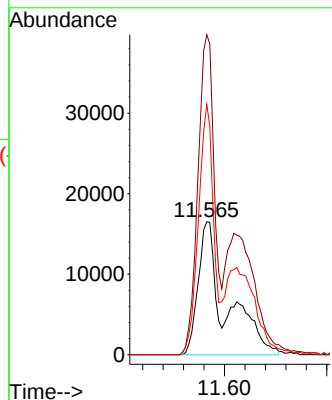
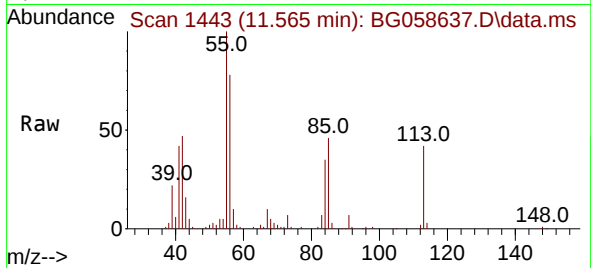
PB154638BS

Tgt Ion:113 Resp: 61314
 Ion Ratio Lower Upper
 113 100
 55 240.6 208.0 248.0
 56 188.3 148.6 188.6

Manual Integrations

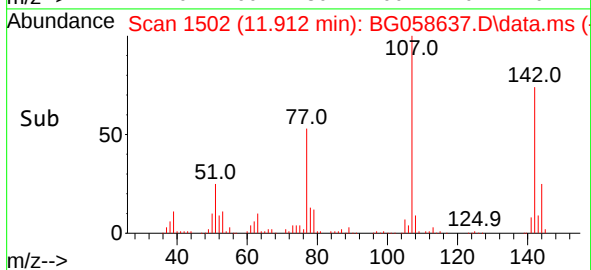
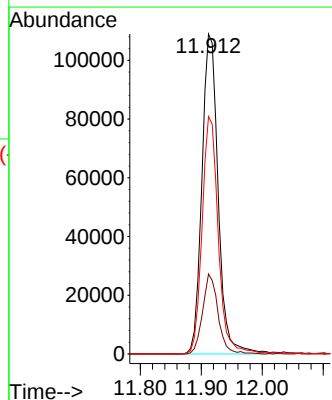
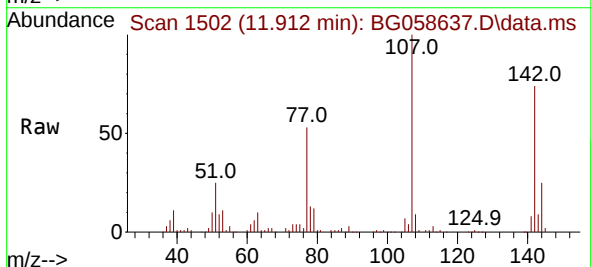
APPROVED

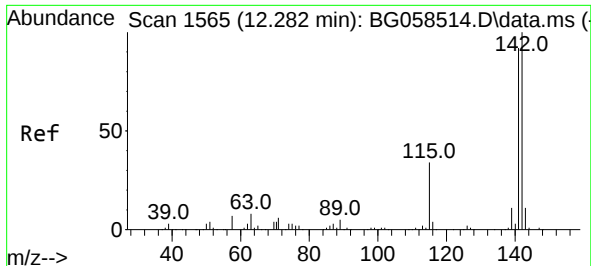
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.155 ng
 RT: 11.912 min Scan# 1502
 Delta R.T. -0.000 min
 Lab File: BG058637.D
 Acq: 8 Aug 2023 10:53

Tgt Ion:107 Resp: 202587
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.6 29.4
 142 74.2 59.3 88.9





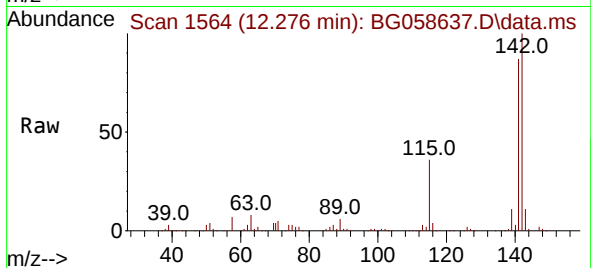
#37
2-Methylnaphthalene
Concen: 44.955 ng
RT: 12.276 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

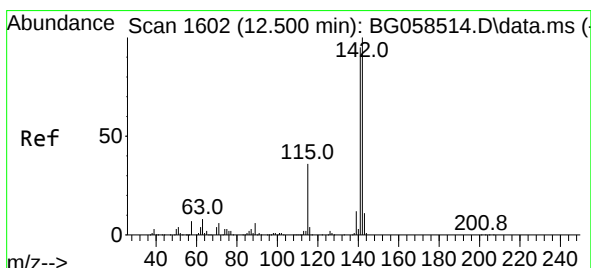
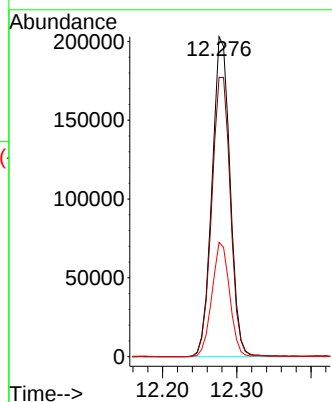
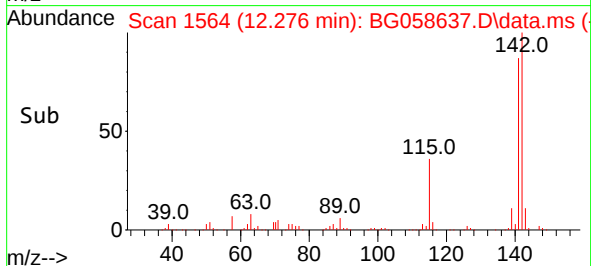


Tgt Ion:142 Resp: 343032
Ion Ratio Lower Upper
142 100
141 87.3 73.5 110.3
115 35.8 27.4 41.0

Manual Integrations

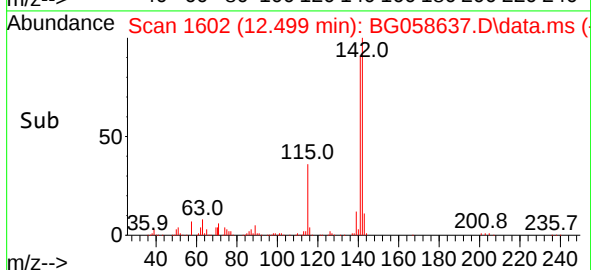
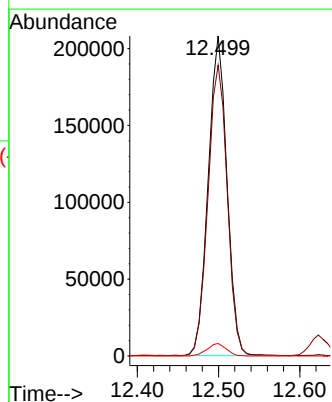
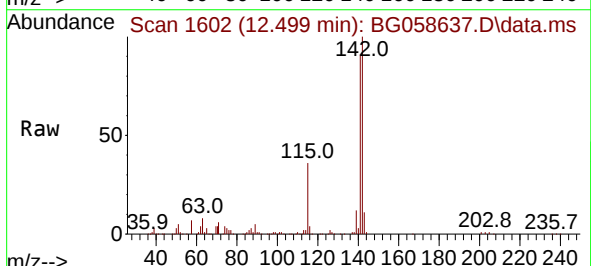
APPROVED

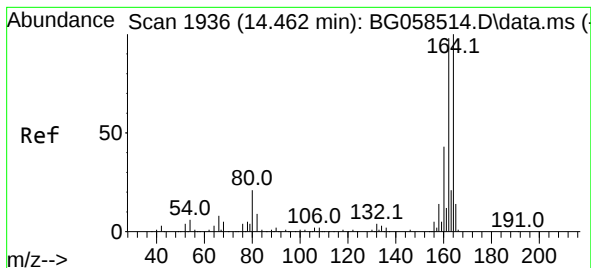
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#38
1-Methylnaphthalene
Concen: 45.928 ng
RT: 12.499 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:142 Resp: 333138
Ion Ratio Lower Upper
142 100
141 90.9 75.7 113.5
116 3.9 3.2 4.8





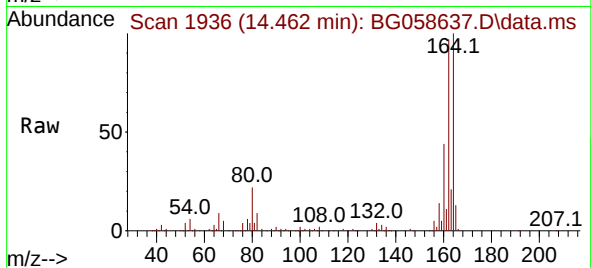
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

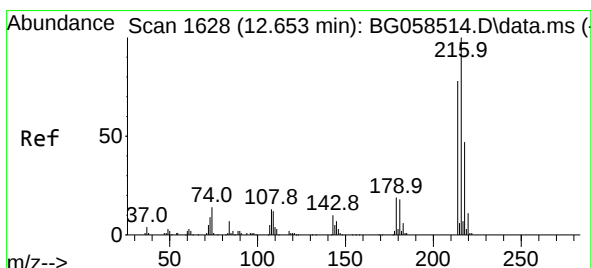
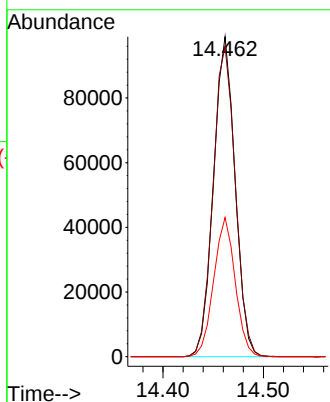
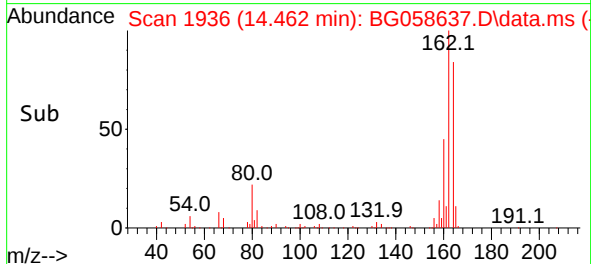
PB154638BS



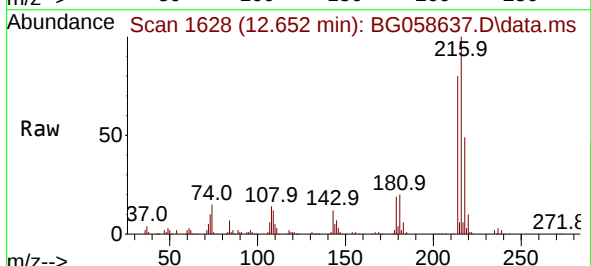
Tgt Ion:164 Resp: 147602
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 43.5 34.1 51.1

Manual Integrations
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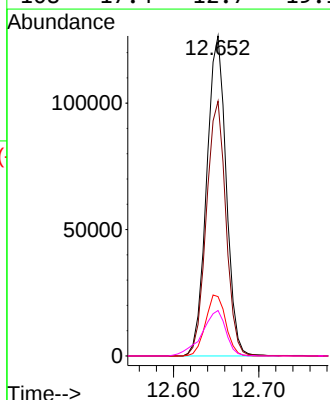
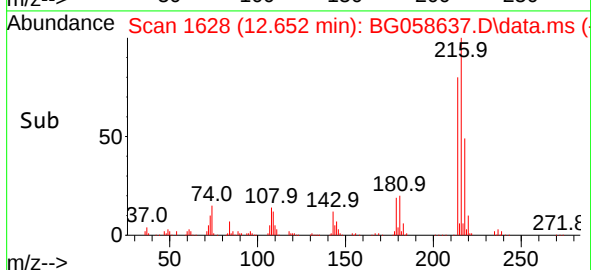
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

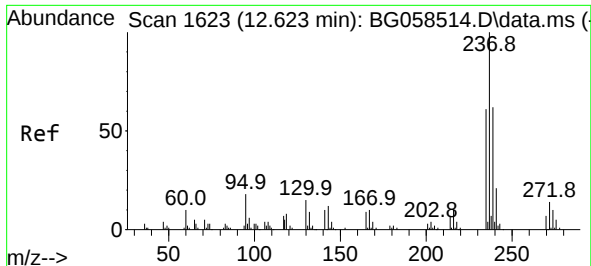


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.519 ng
RT: 12.652 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:216 Resp: 201737
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 19.8 15.6 23.4
108 17.4 12.7 19.1





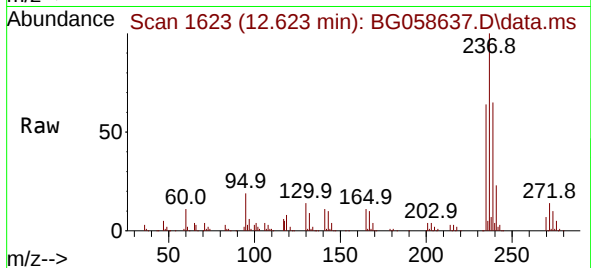
#41
Hexachlorocyclopentadiene
Concen: 94.549 ng
RT: 12.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

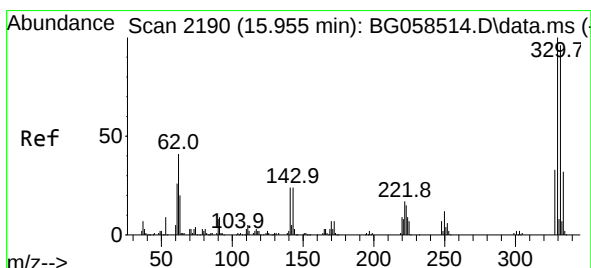
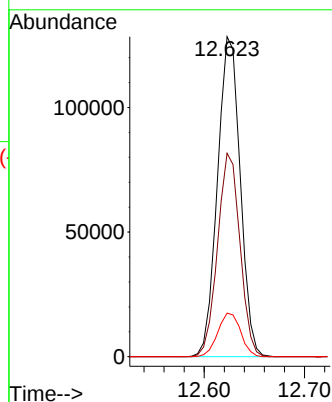
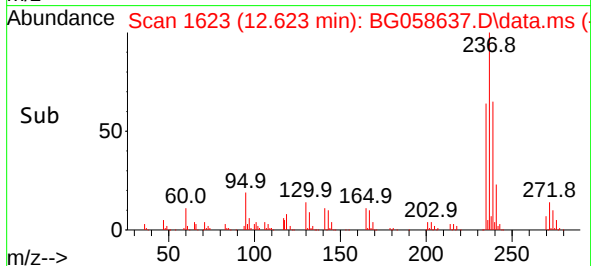


Tgt Ion:237 Resp: 201854
Ion Ratio Lower Upper
237 100
235 63.6 41.0 81.0
272 13.6 0.0 33.6

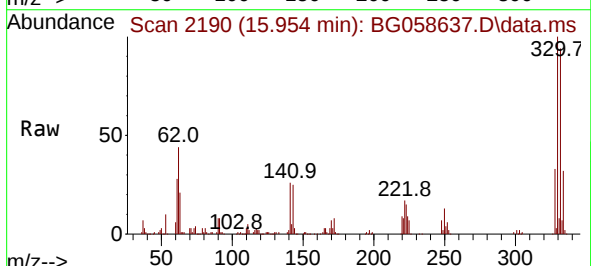
Manual Integrations

APPROVED

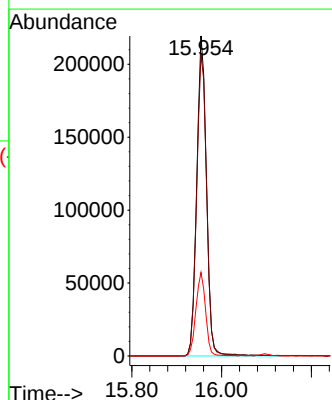
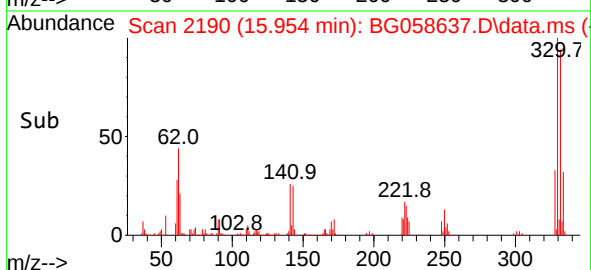
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

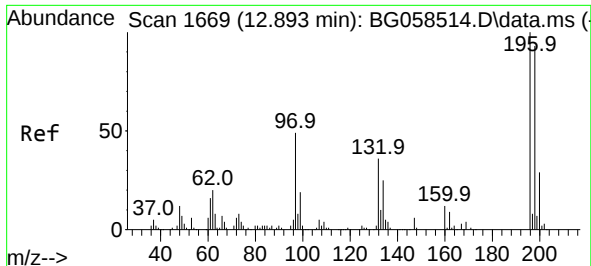


#42
2,4,6-Tribromophenol
Concen: 136.599 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:330 Resp: 330473
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 25.9 20.7 31.1





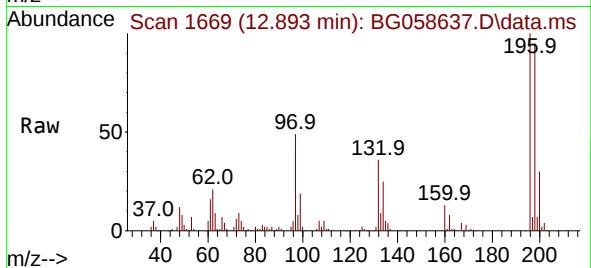
#43
2,4,6-Trichlorophenol
Concen: 48.951 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

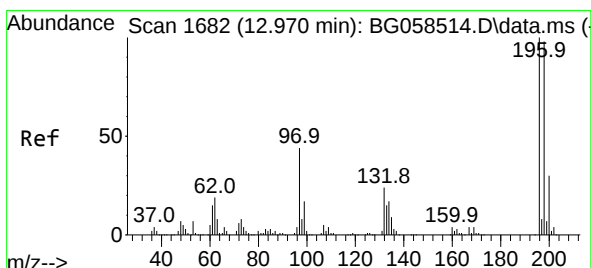
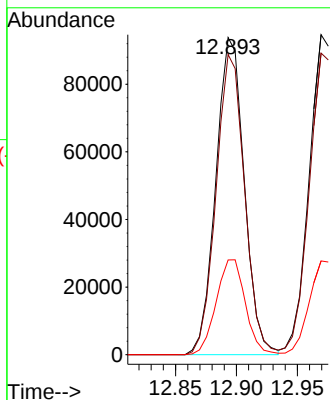
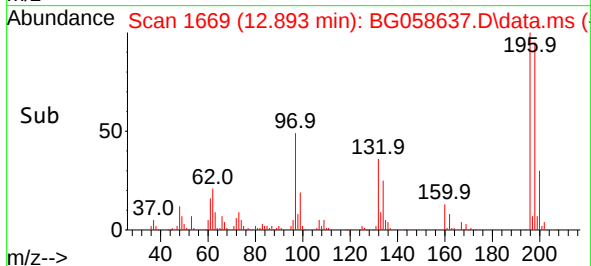
PB154638BS



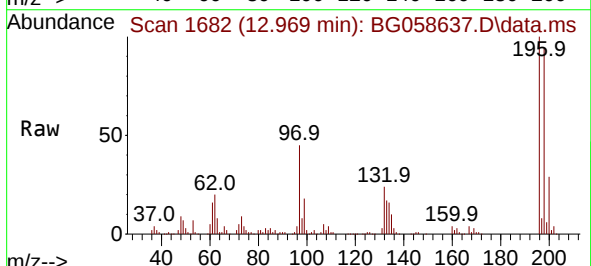
Tgt Ion:196 Resp: 152572
Ion Ratio Lower Upper
196 100
198 94.6 74.2 111.4
200 29.9 22.9 34.3

Manual Integrations
APPROVED

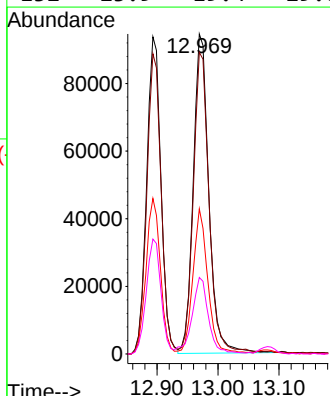
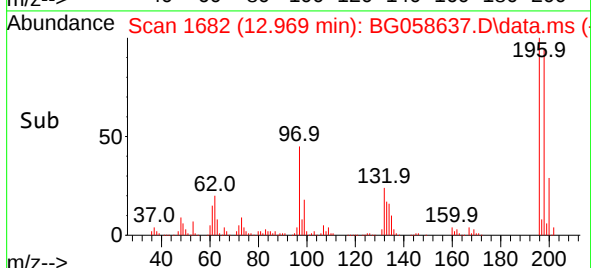
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

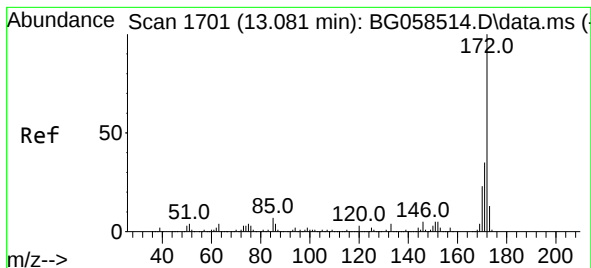


#44
2,4,5-Trichlorophenol
Concen: 45.741 ng
RT: 12.969 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:196 Resp: 167925
Ion Ratio Lower Upper
196 100
198 94.2 78.3 117.5
97 45.3 35.2 52.8
132 23.9 19.4 29.0





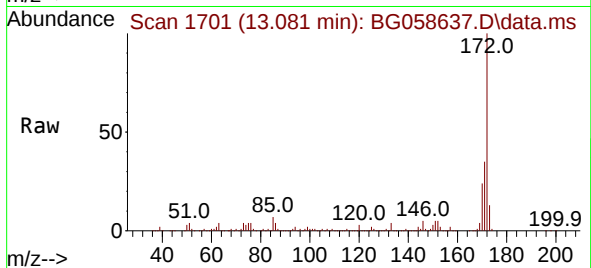
#45
2-Fluorobiphenyl
Concen: 87.028 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

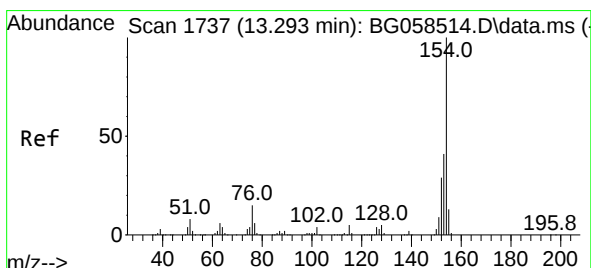
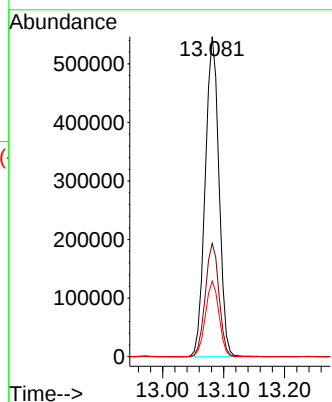
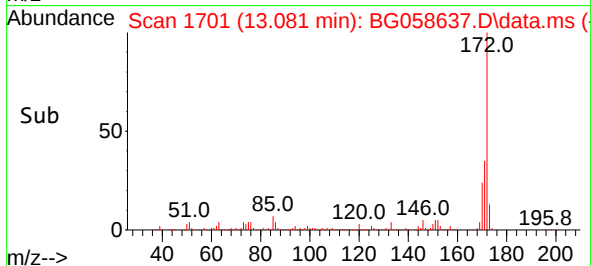


Tgt Ion:172 Resp: 857160
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.6 18.4 27.6

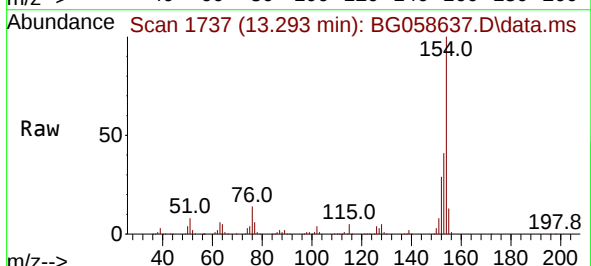
Manual Integrations

APPROVED

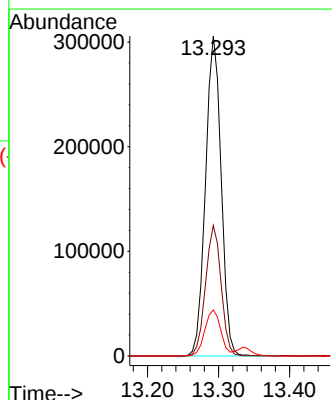
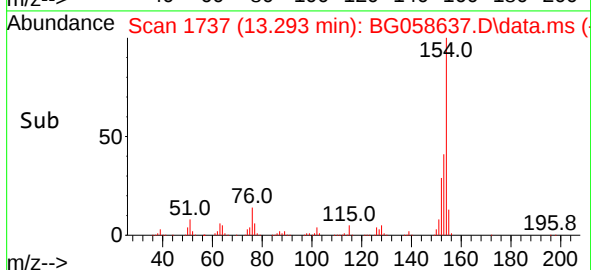
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

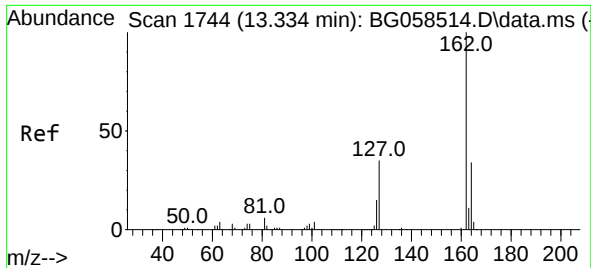


#46
1,1'-Biphenyl
Concen: 46.221 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:154 Resp: 468520
Ion Ratio Lower Upper
154 100
153 40.8 21.2 61.2
76 14.4 0.0 34.7





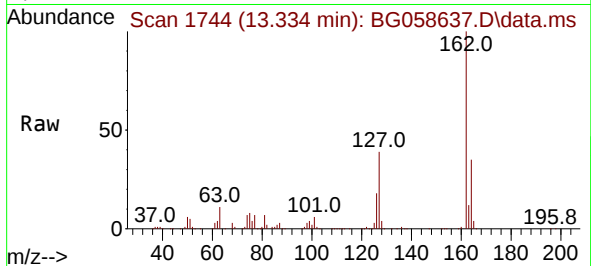
#47
2-Chloronaphthalene
Concen: 46.976 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



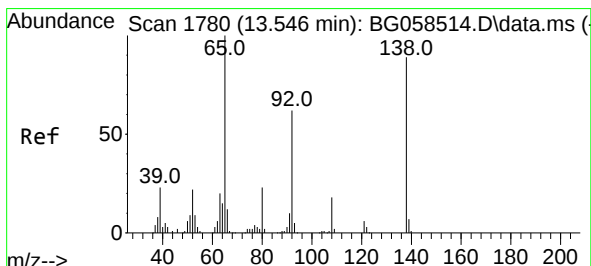
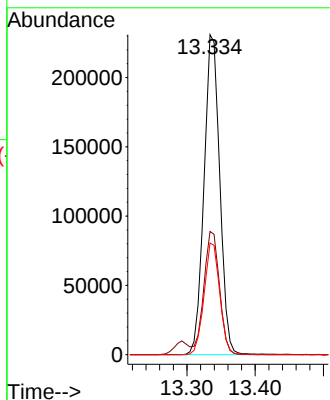
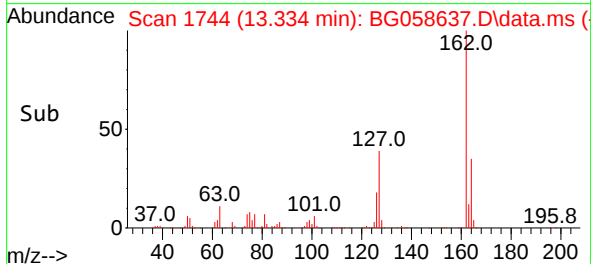
Tgt Ion:162 Resp: 37127
Ion Ratio Lower Upper
162 100
127 38.5 30.9 46.3
164 34.9 27.2 40.8

Manual Integrations

APPROVED

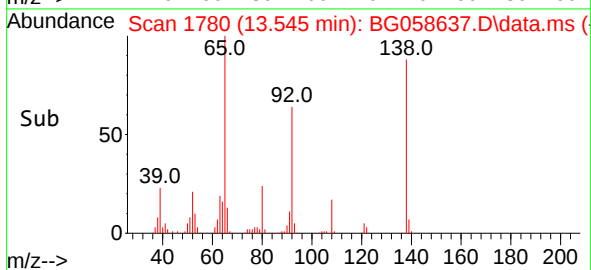
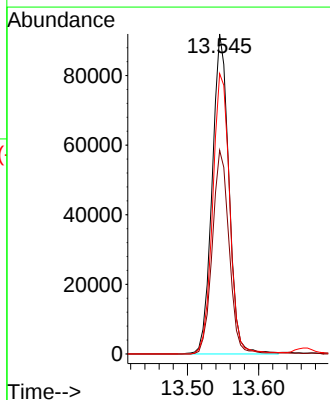
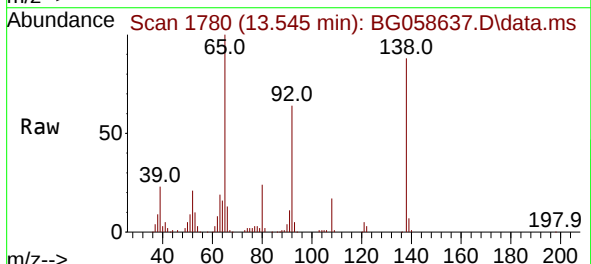
Reviewed By :Yogesh Patel 08/09/2023

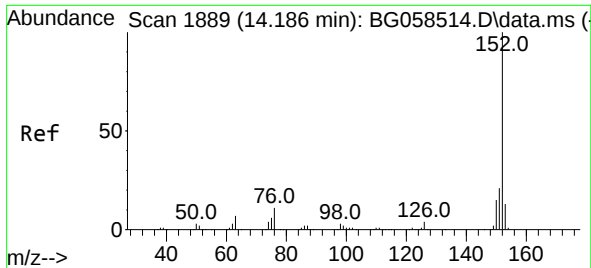
Supervised By :mohammad ahmed 08/09/2023



#48
2-Nitroaniline
Concen: 49.847 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion: 65 Resp: 150375
Ion Ratio Lower Upper
65 100
92 63.6 49.2 73.8
138 87.6 71.5 107.3





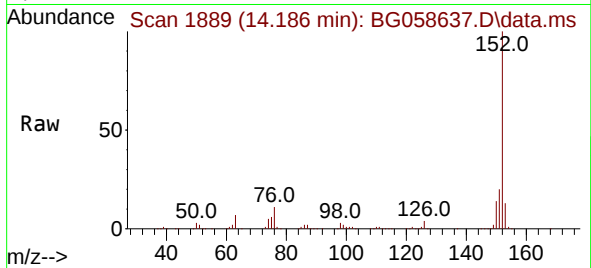
#49
Acenaphthylene
Concen: 47.443 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

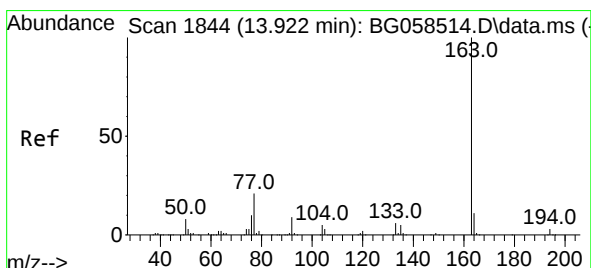
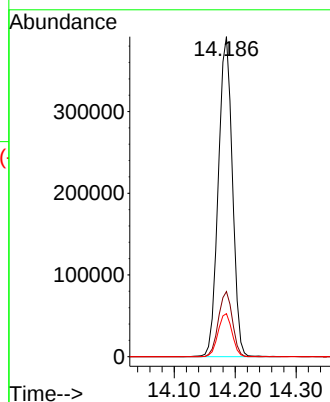
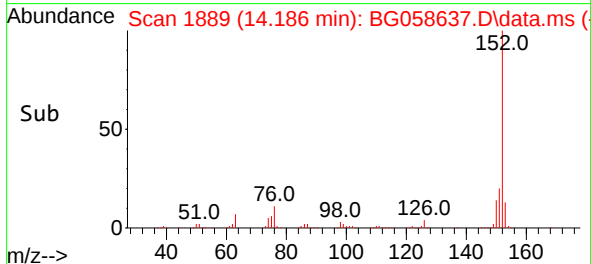


Tgt Ion:152 Resp: 62778
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.4 10.7 16.1

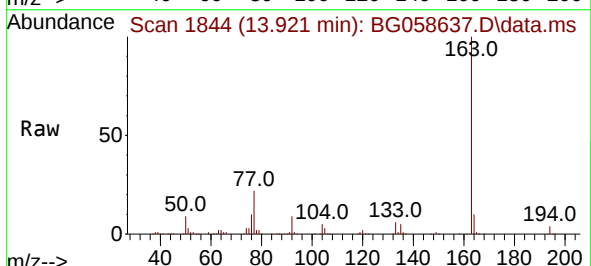
Manual Integrations

APPROVED

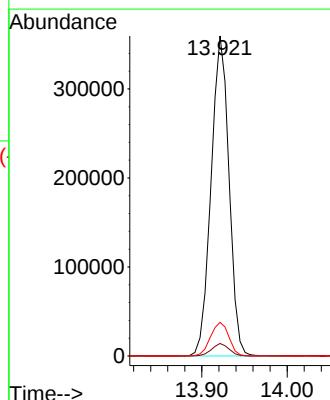
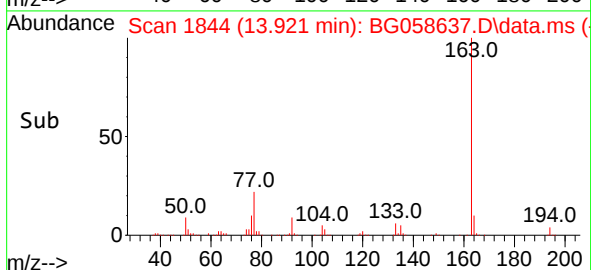
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

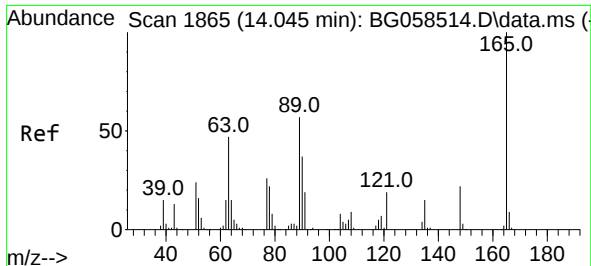


#50
Dimethylphthalate
Concen: 47.271 ng
RT: 13.921 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:163 Resp: 524007
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.6 12.8





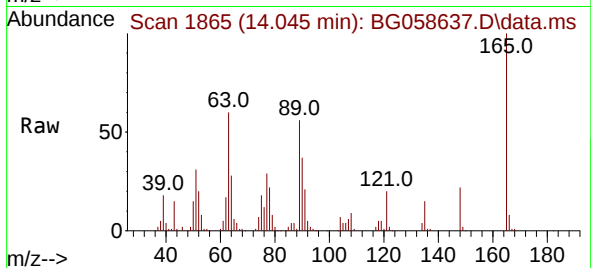
#51
2,6-Dinitrotoluene
Concen: 48.804 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

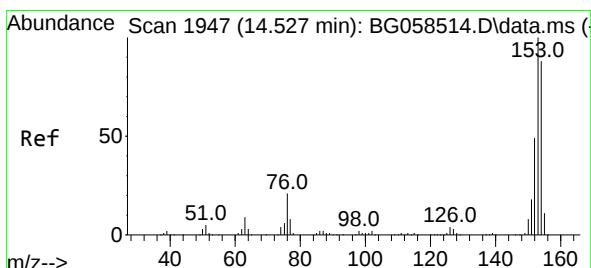
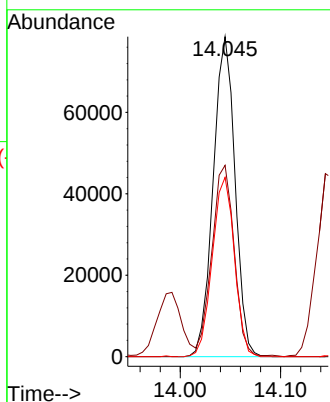
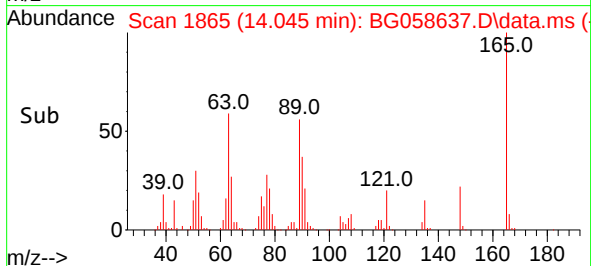


Tgt Ion:165 Resp: 118700
Ion Ratio Lower Upper
165 100
63 59.8 46.4 69.6
89 56.0 45.3 67.9

Manual Integrations

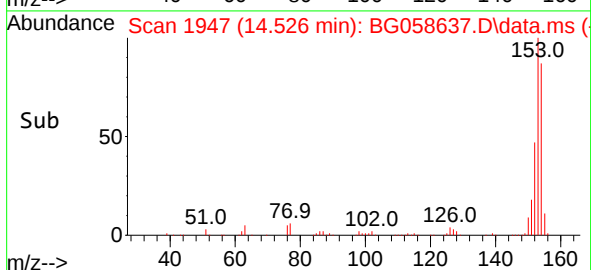
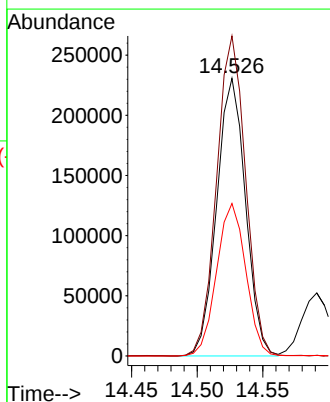
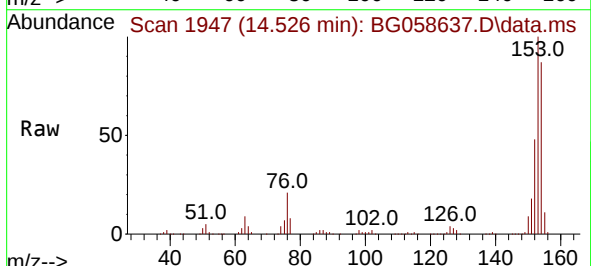
APPROVED

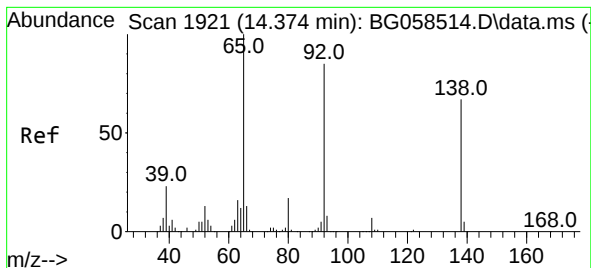
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#52
Acenaphthene
Concen: 45.994 ng
RT: 14.526 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:154 Resp: 351662
Ion Ratio Lower Upper
154 100
153 115.3 91.1 136.7
152 54.9 44.6 66.8





#53
3-Nitroaniline
Concen: 35.275 ng
RT: 14.380 min Scan# 1921
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

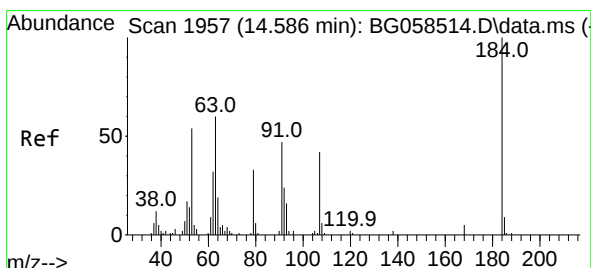
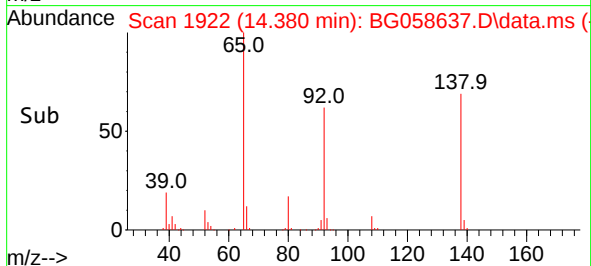
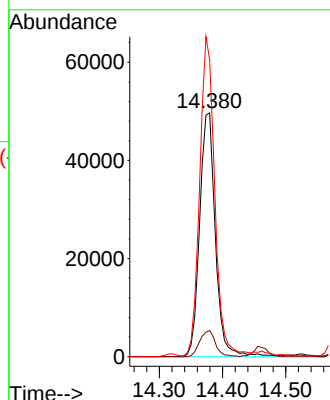
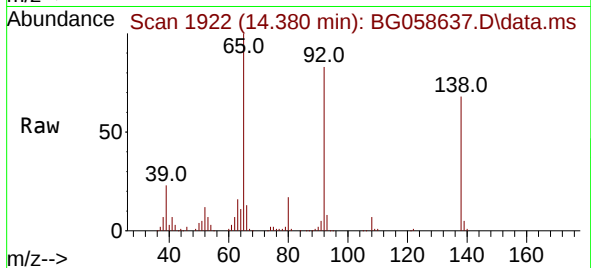
PB154638BS

Tgt Ion:138 Resp: 8584
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 121.8 101.1 151.7

Manual Integrations

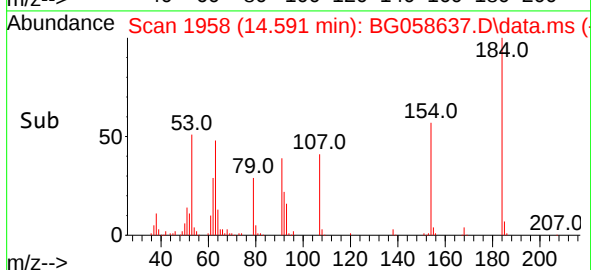
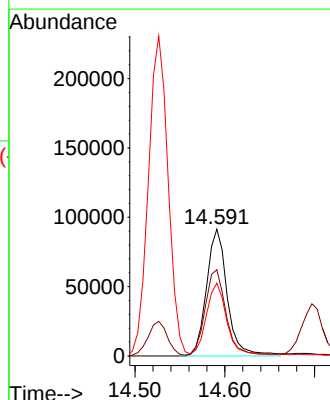
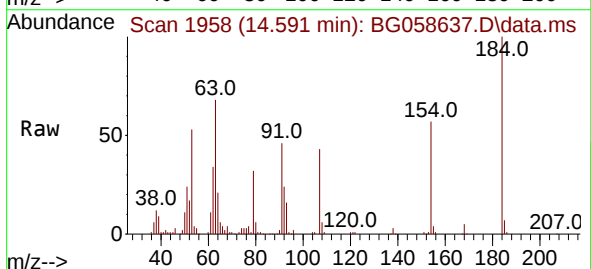
APPROVED

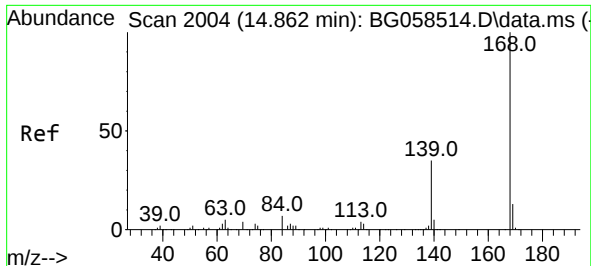
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#54
2,4-Dinitrophenol
Concen: 104.483 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

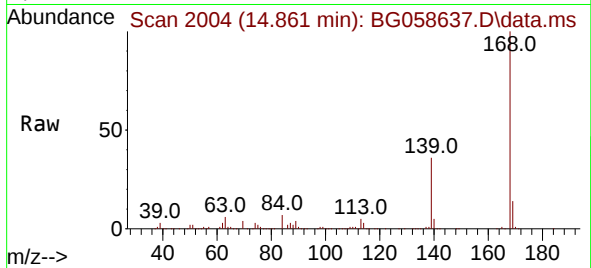
Tgt Ion:184 Resp: 146726
Ion Ratio Lower Upper
184 100
63 68.0 56.7 85.1
154 57.4 46.1 69.1





#55
Dibenzofuran
Concen: 46.011 ng
RT: 14.861 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

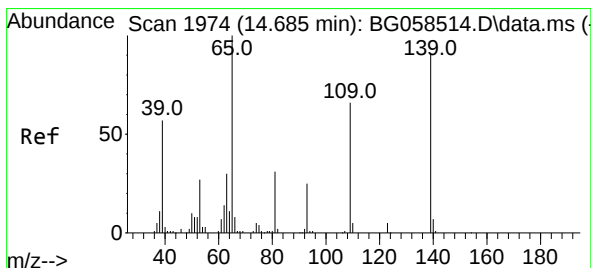
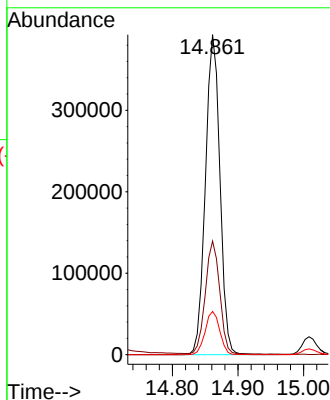
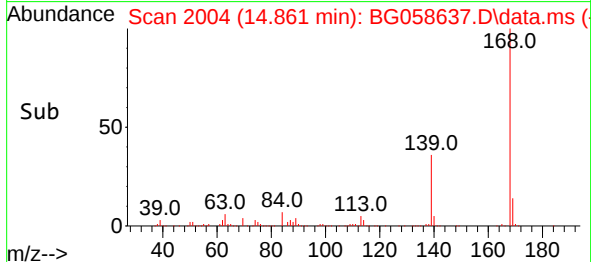
Instrument :
BNA_G
ClientSampleId :
PB154638BS



Tgt Ion:168 Resp: 604498
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 13.5 10.6 16.0

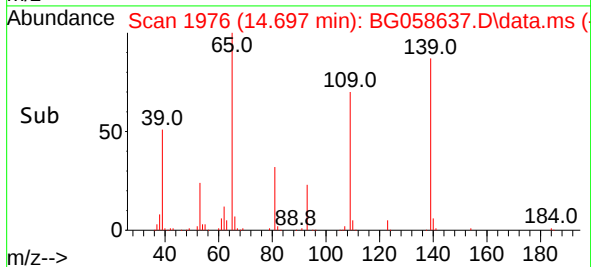
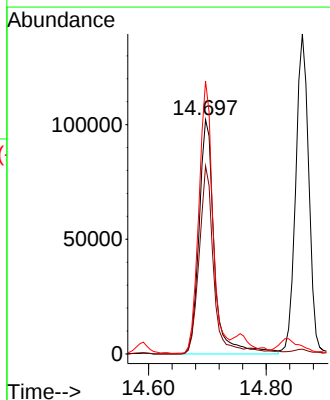
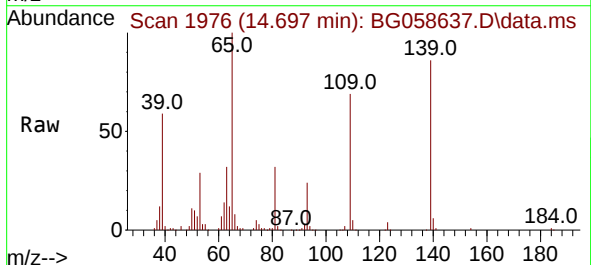
Manual Integrations
APPROVED

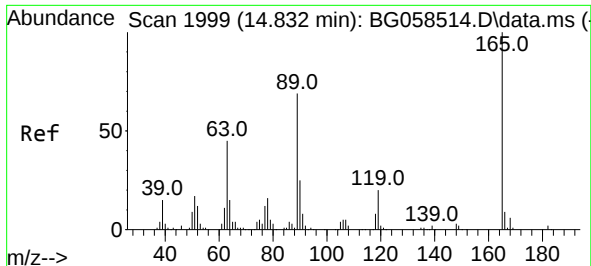
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#56
4-Nitrophenol
Concen: 101.382 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:139 Resp: 184486
Ion Ratio Lower Upper
139 100
109 80.3 52.5 92.5
65 116.5 90.5 130.5





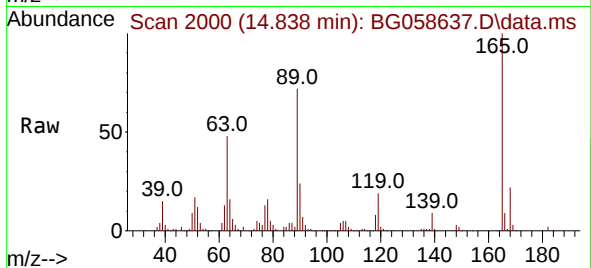
#57
2,4-Dinitrotoluene
Concen: 50.194 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

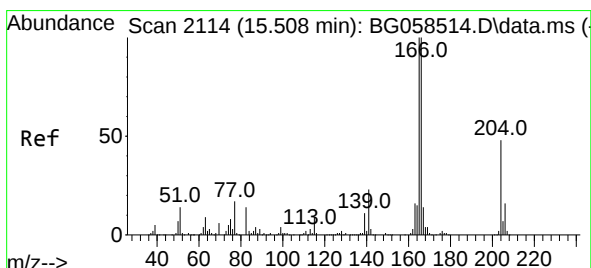
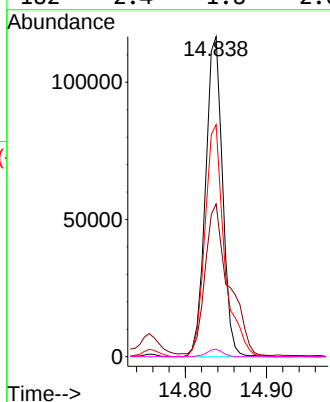
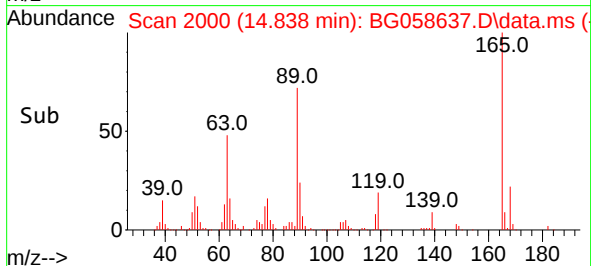


Tgt Ion:165 Resp: 169259
Ion Ratio Lower Upper
165 100
63 47.7 36.6 54.8
89 72.5 55.4 83.0
182 2.4 1.8 2.6

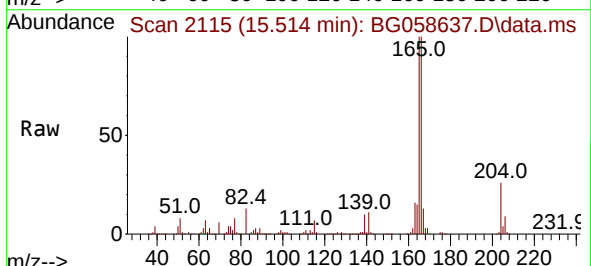
Manual Integrations

APPROVED

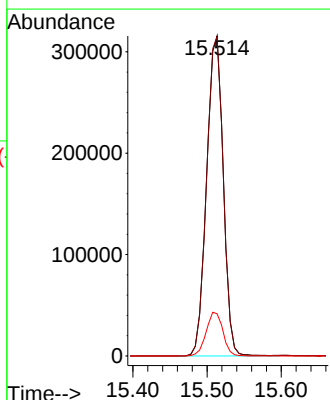
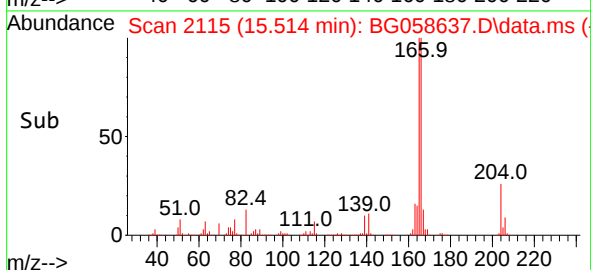
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#58
Fluorene
Concen: 47.046 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:166 Resp: 491025
Ion Ratio Lower Upper
166 100
165 99.8 80.0 120.0
167 13.2 11.3 16.9





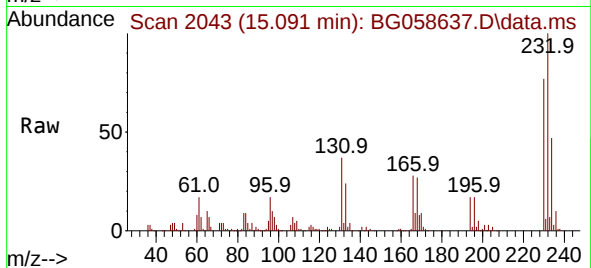
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.639 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



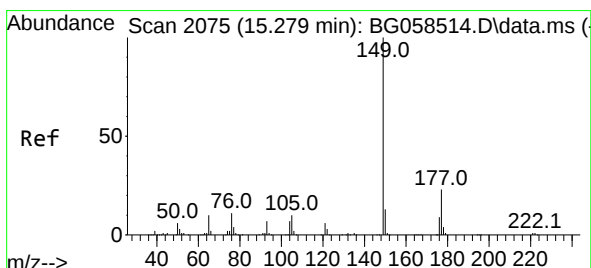
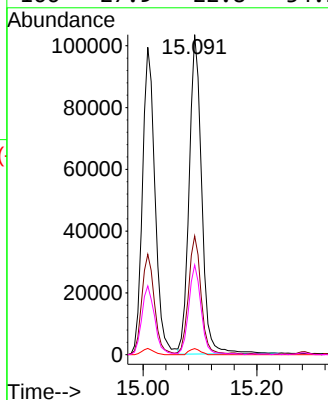
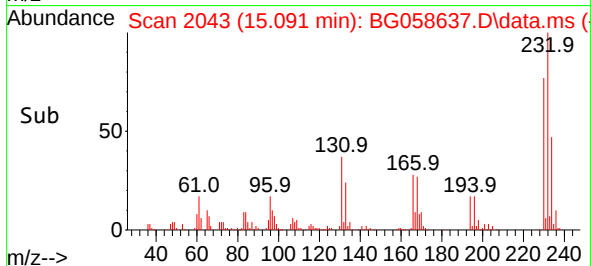
Tgt Ion:232 Resp: 158634
Ion Ratio Lower Upper
232 100
131 36.0 30.0 45.0
130 1.7 1.5 2.3
166 27.9 22.8 34.2

Manual Integrations

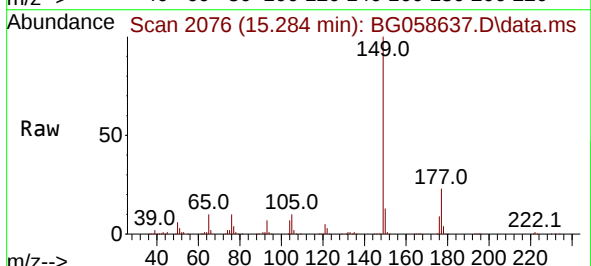
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

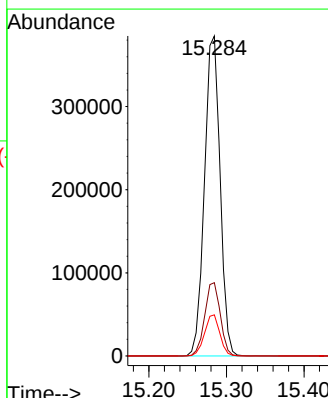
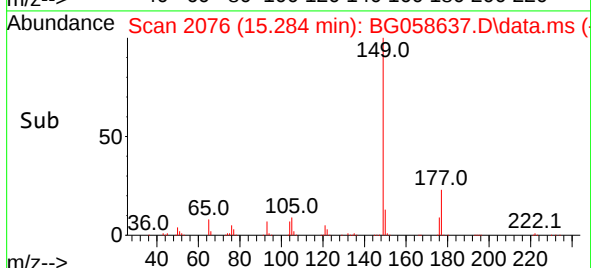
Supervised By :mohammad ahmed 08/09/2023



#60
Diethylphthalate
Concen: 47.630 ng
RT: 15.284 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:149 Resp: 537895
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.512 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

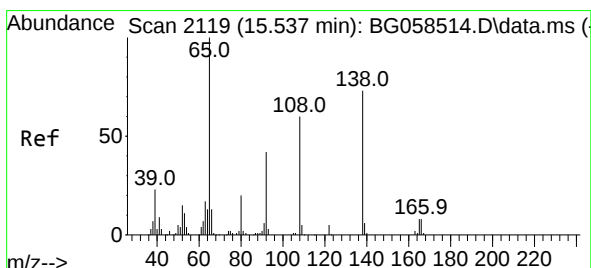
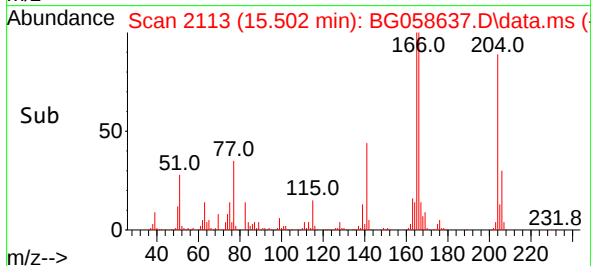
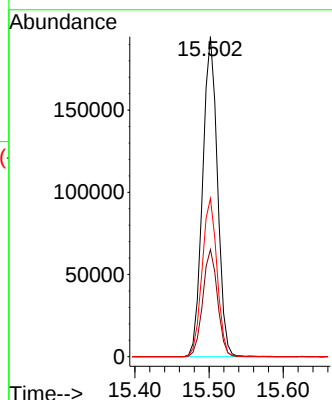
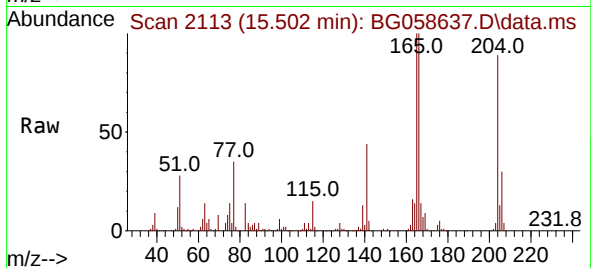
PB154638BS

Tgt Ion:204 Resp: 27064
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 49.5 40.8 61.2

Manual Integrations

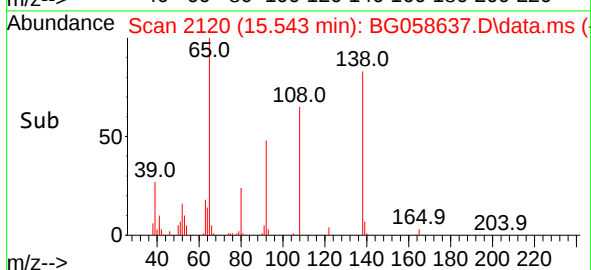
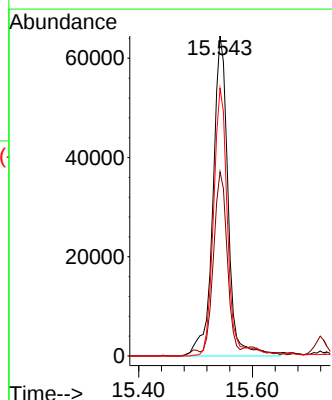
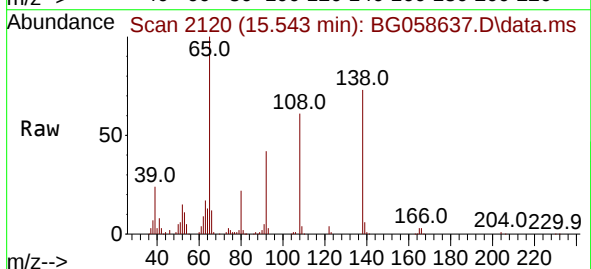
APPROVED

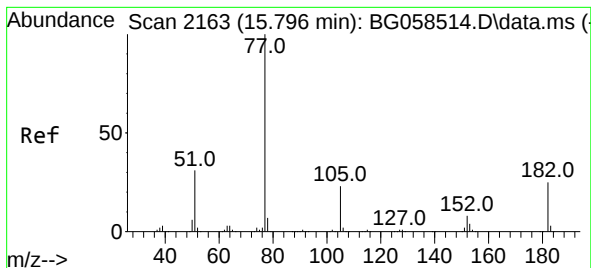
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#62
4-Nitroaniline
Concen: 51.660 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:138 Resp: 119089
Ion Ratio Lower Upper
138 100
92 57.6 37.3 77.3
108 83.7 62.6 102.6





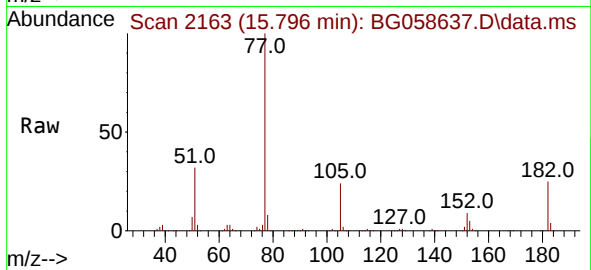
#63
Azobenzene
Concen: 46.723 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

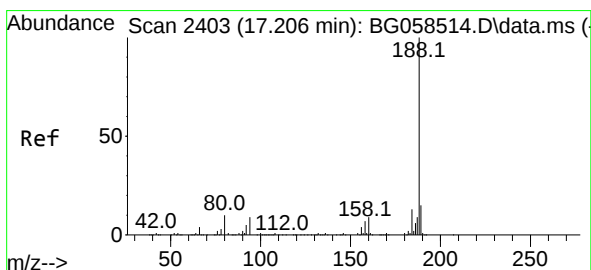
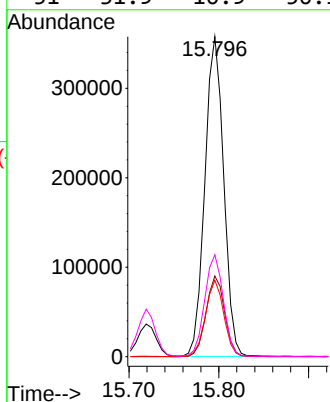
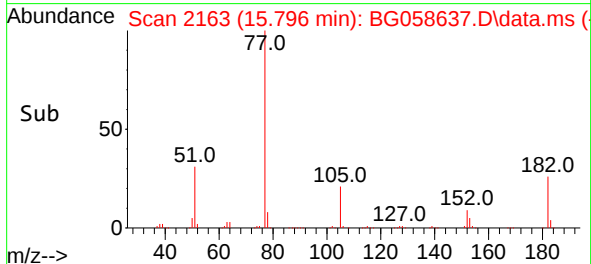


Tgt Ion: 77 Resp: 519718
Ion Ratio Lower Upper
77 100
182 25.2 4.6 44.6
105 23.9 3.3 43.3
51 31.9 10.9 50.9

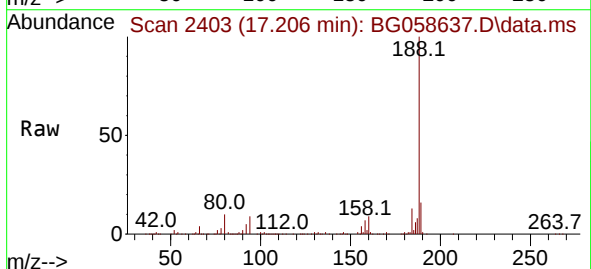
Manual Integrations

APPROVED

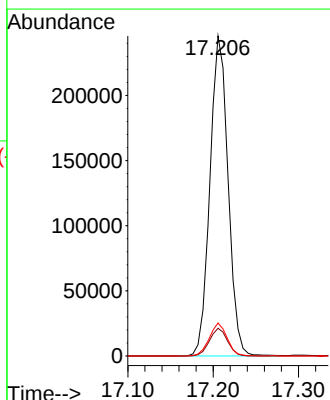
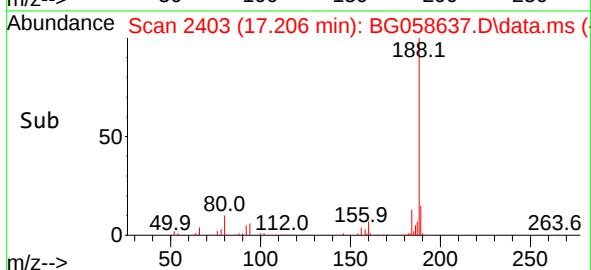
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

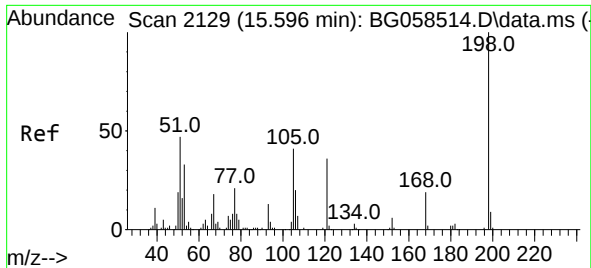


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:188 Resp: 363317
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 10.3 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 53.769 ng
RT: 15.602 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

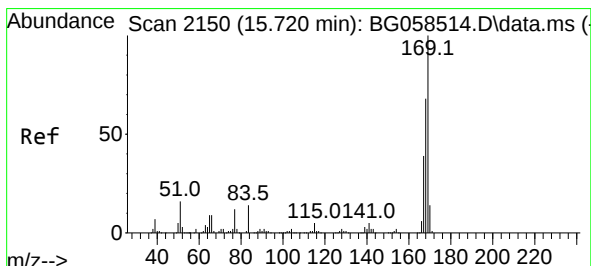
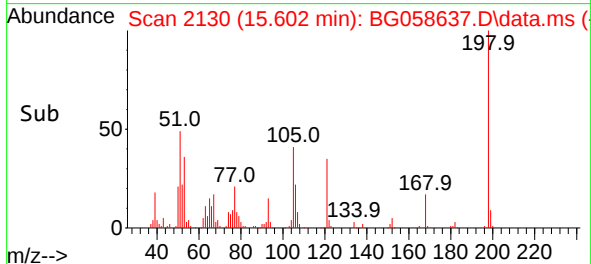
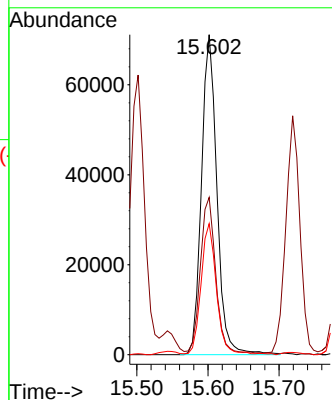
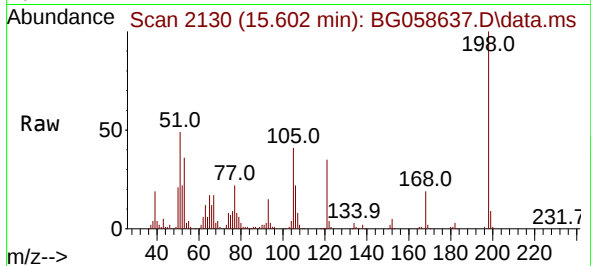
ClientSampleId :

PB154638BS

Tgt Ion:198 Resp: 107715
Ion Ratio Lower Upper
198 100
51 49.1 29.3 69.3
105 41.0 21.0 61.0

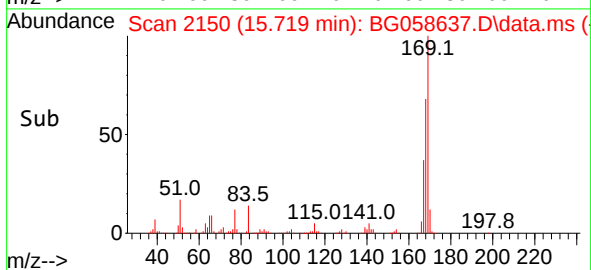
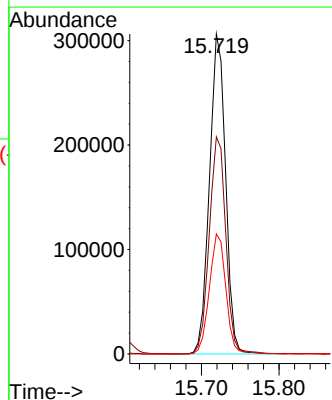
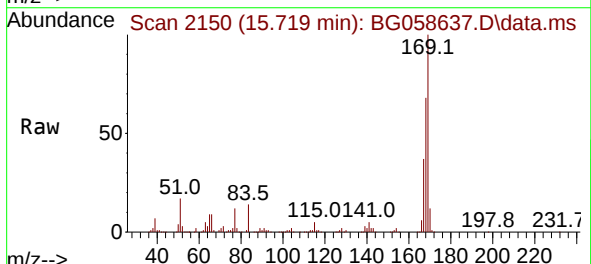
Manual Integrations
APPROVED

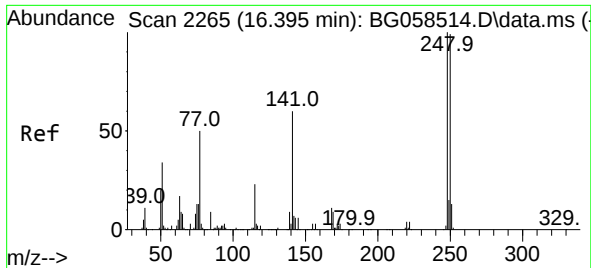
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#66
n-Nitrosodiphenylamine
Concen: 46.904 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:169 Resp: 443528
Ion Ratio Lower Upper
169 100
168 67.9 54.6 82.0
167 37.5 31.3 46.9





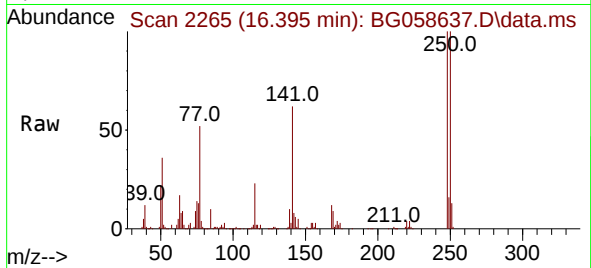
#67
4-Bromophenyl-phenylether
Concen: 45.483 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

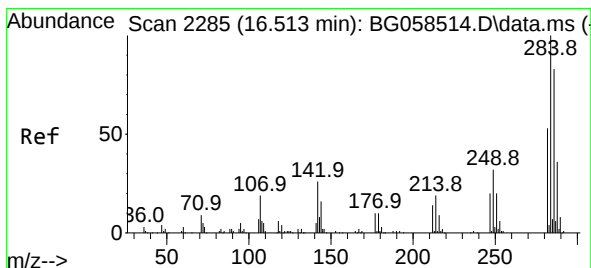
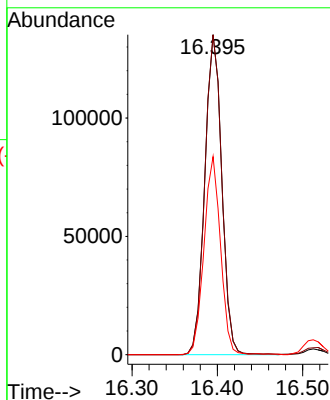
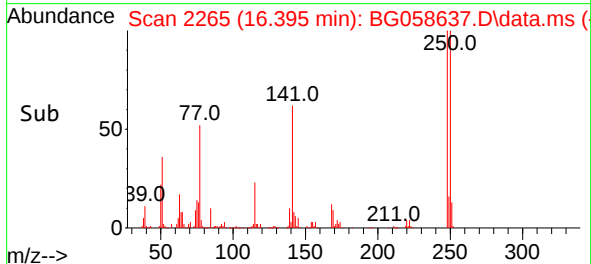
PB154638BS



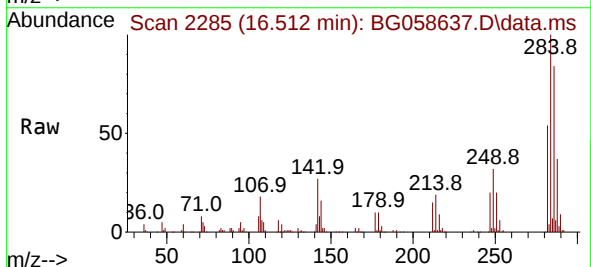
Tgt Ion:248 Resp: 18742
Ion Ratio Lower Upper
248 100
250 100.0 79.5 119.3
141 61.9 48.2 72.2

Manual Integrations
APPROVED

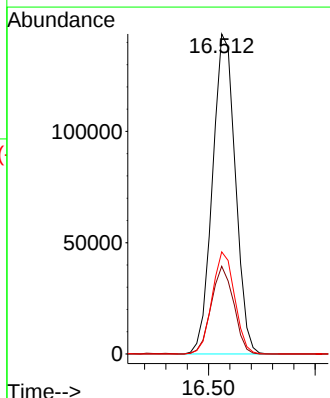
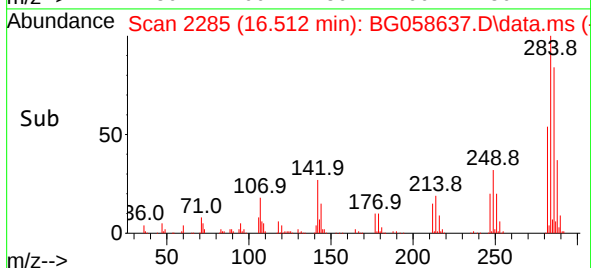
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

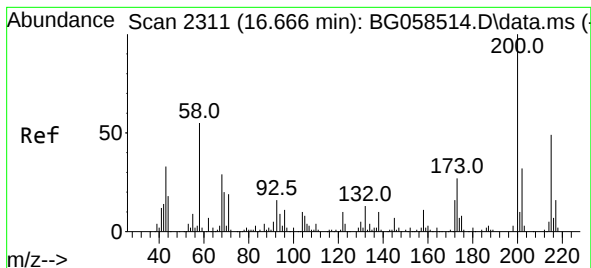


#68
Hexachlorobenzene
Concen: 48.928 ng
RT: 16.512 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:284 Resp: 213650
Ion Ratio Lower Upper
284 100
142 27.4 21.0 31.4
249 31.9 25.5 38.3





#69

Atrazine

Concen: 57.121 ng

RT: 16.671 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

Tgt Ion:200 Resp: 18234

Ion Ratio Lower Upper

200 100

173 26.5 6.5 46.5

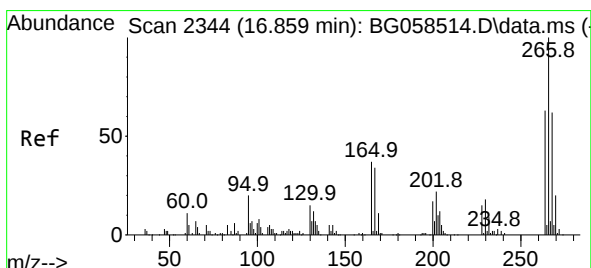
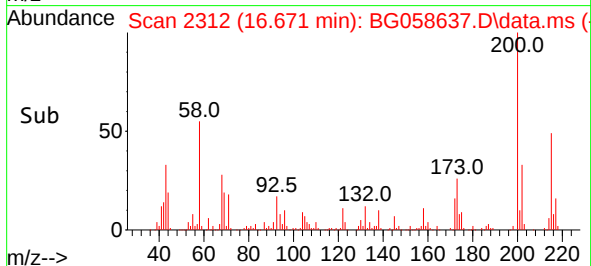
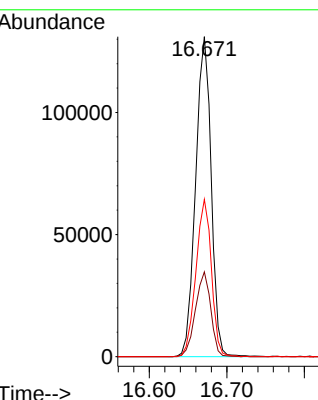
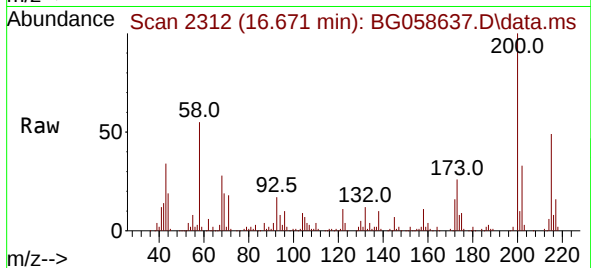
215 49.2 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

Concen: 86.381 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

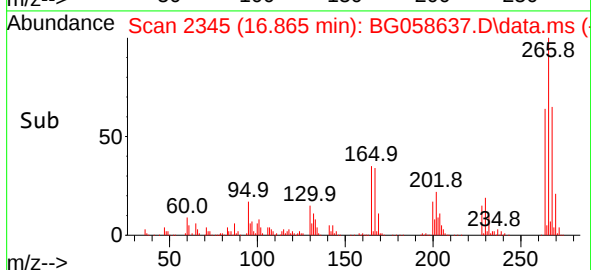
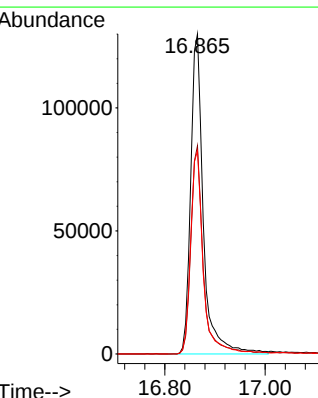
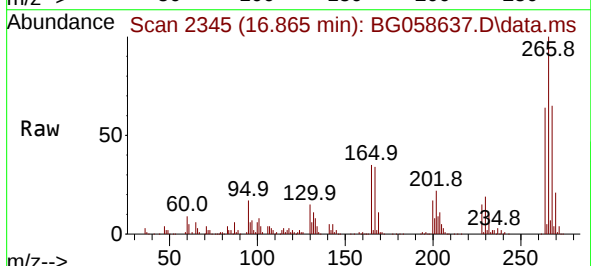
Tgt Ion:266 Resp: 228307

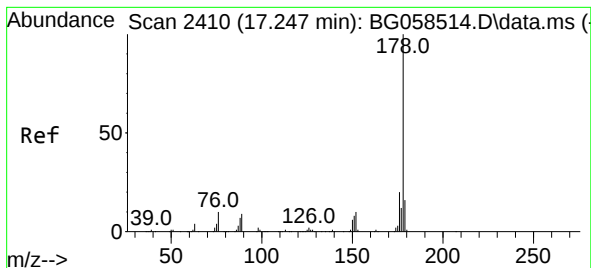
Ion Ratio Lower Upper

266 100

268 65.0 49.9 74.9

264 63.5 50.2 75.4





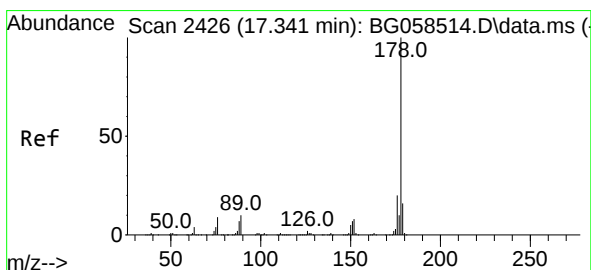
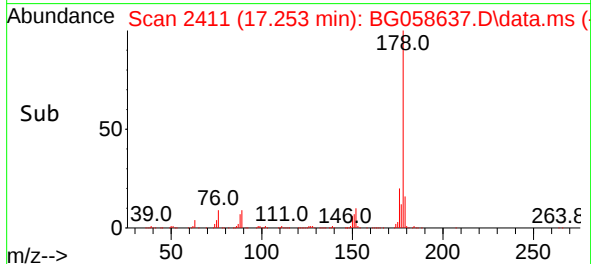
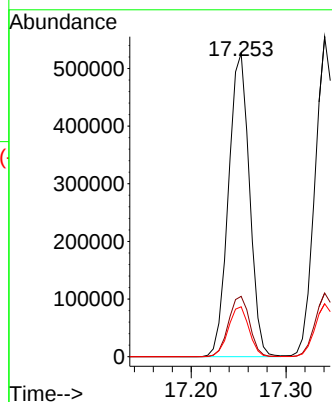
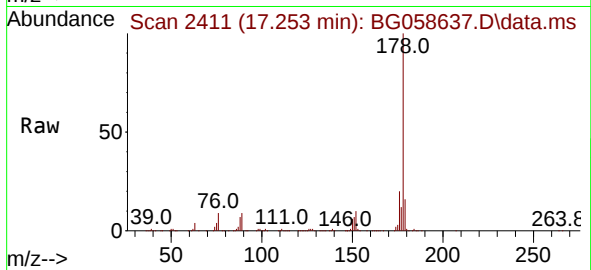
#71
Phenanthrene
Concen: 46.906 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :
BNA_G
ClientSampleId :
PB154638BS

Tgt Ion:178 Resp: 80819
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.5 13.1 19.7

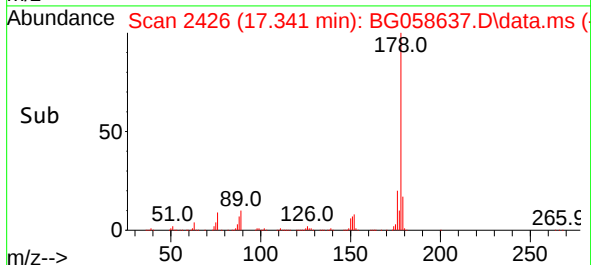
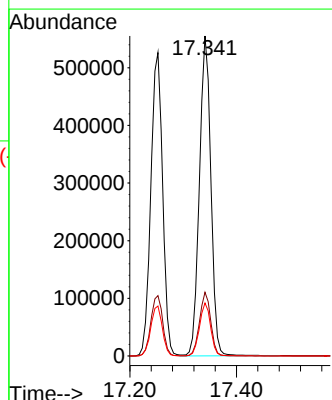
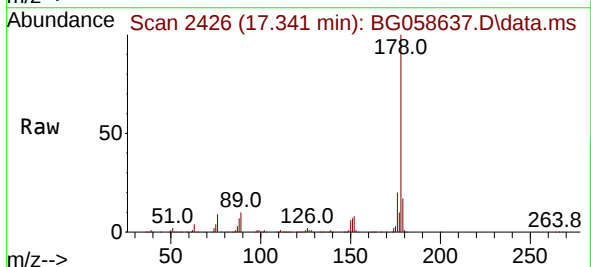
Manual Integrations
APPROVED

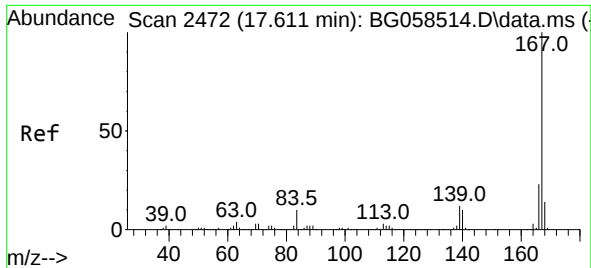
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#72
Anthracene
Concen: 46.724 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:178 Resp: 826063
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.6 12.9 19.3





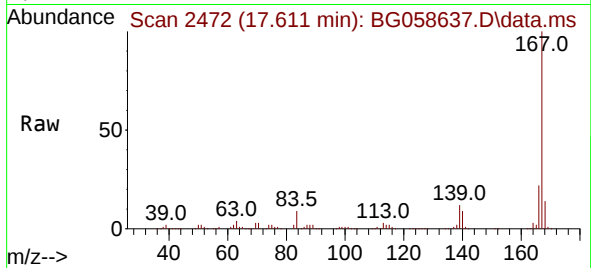
#73
 Carbazole
 Concen: 49.770 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058637.D
 Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

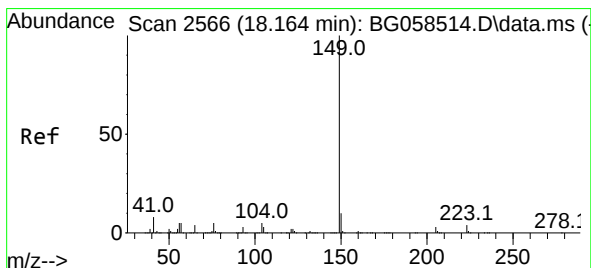
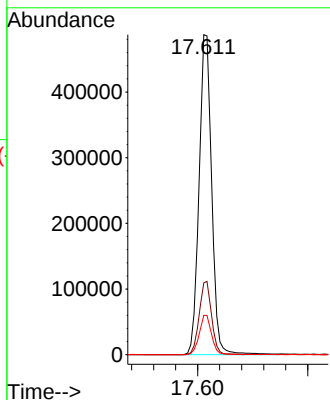
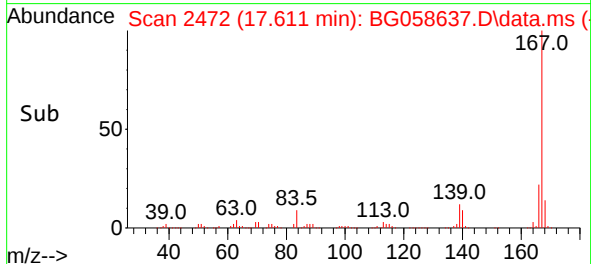


Tgt Ion:167 Resp: 77593
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.3 10.0 15.0

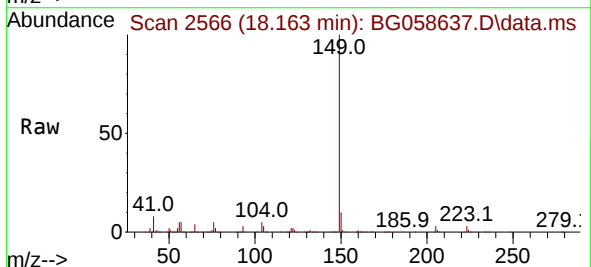
Manual Integrations

APPROVED

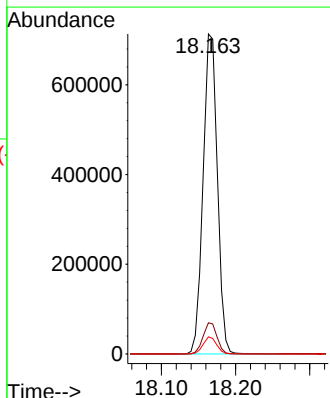
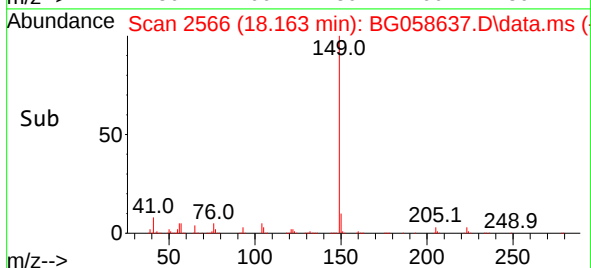
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

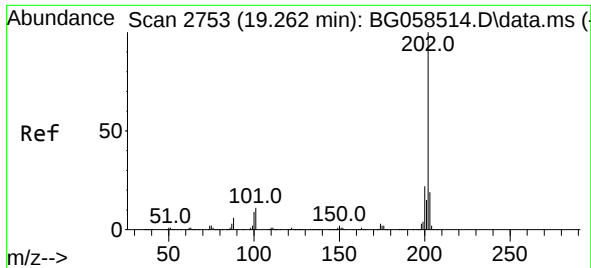


#74
 Di-n-butylphthalate
 Concen: 48.931 ng
 RT: 18.163 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058637.D
 Acq: 8 Aug 2023 10:53



Tgt Ion:149 Resp: 955504
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.4 4.0 6.0





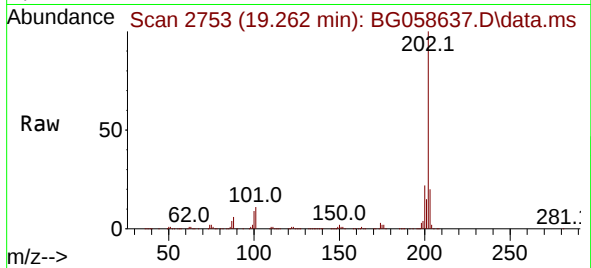
#75
Fluoranthene
Concen: 47.813 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



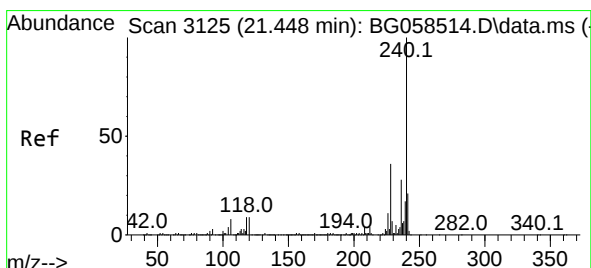
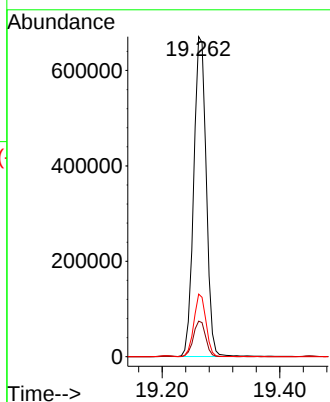
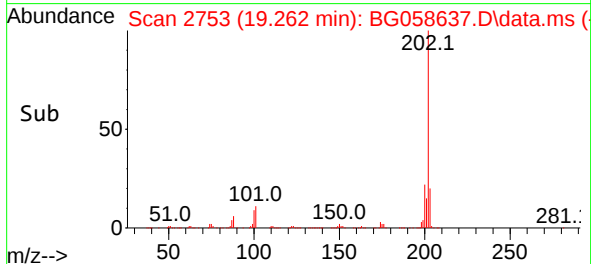
Tgt Ion:202 Resp: 98958
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 19.5 0.0 39.0

Manual Integrations

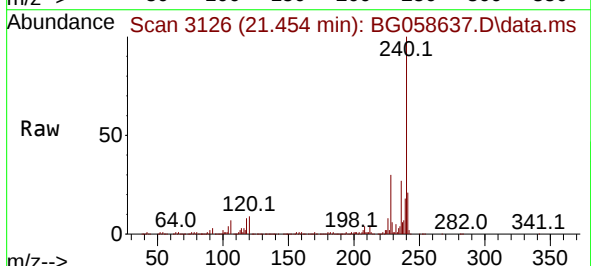
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

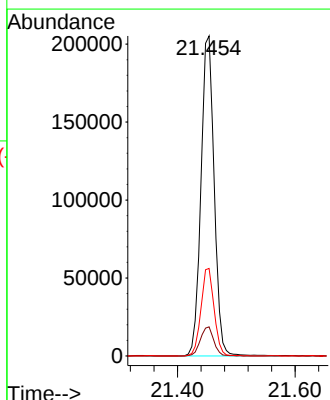
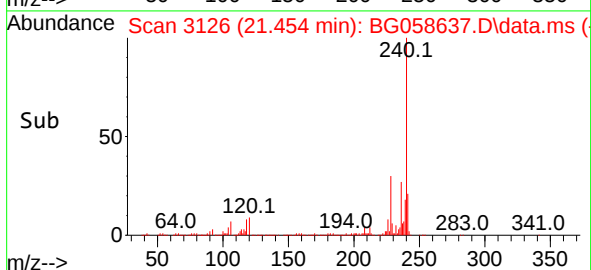
Supervised By :mohammad ahmed 08/09/2023

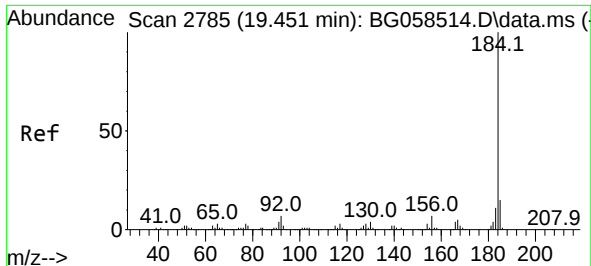


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



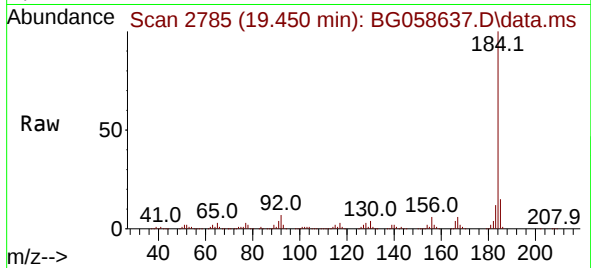
Tgt Ion:240 Resp: 320713
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.4 22.2 33.4





#77
Benzidine
Concen: 85.882 ng
RT: 19.450 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

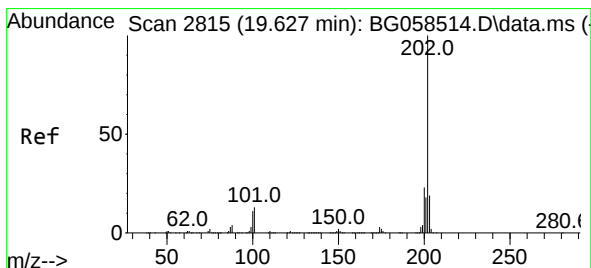
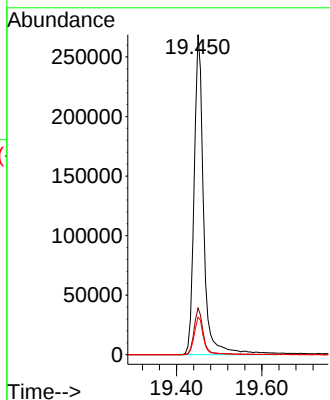
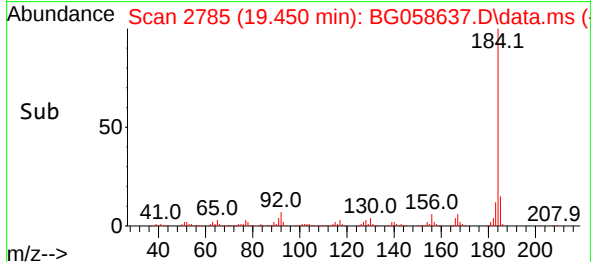
Instrument :
BNA_G
ClientSampleId :
PB154638BS



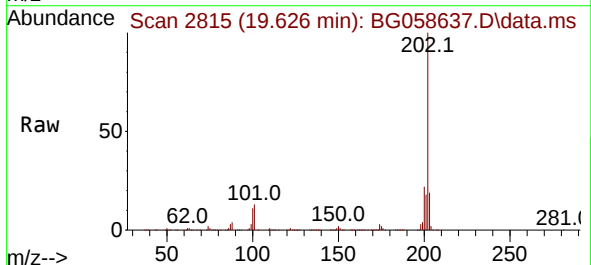
Tgt Ion:184 Resp: 417672
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.7 8.7 13.1

Manual Integrations
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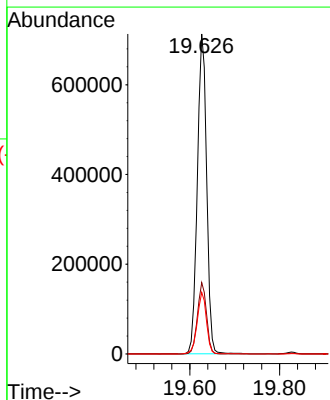
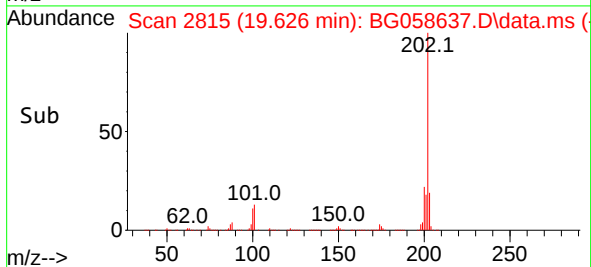
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

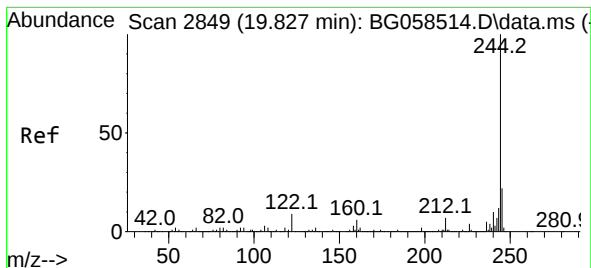


#78
Pyrene
Concen: 46.894 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:202 Resp: 1023531
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 19.2 15.1 22.7





#79

Terphenyl-d14

Concen: 95.036 ng

RT: 19.826 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BG058637.D

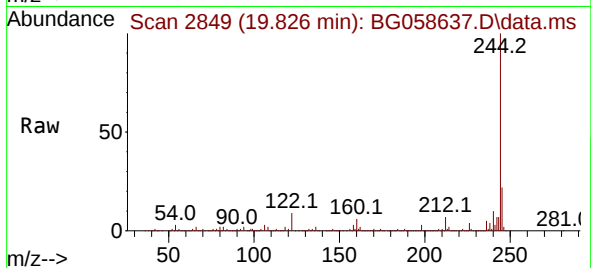
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



Tgt Ion:244 Resp: 162078

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

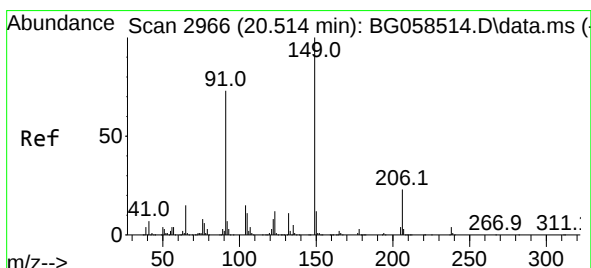
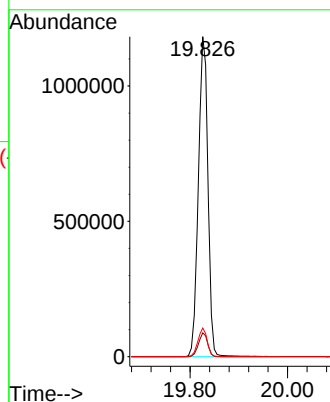
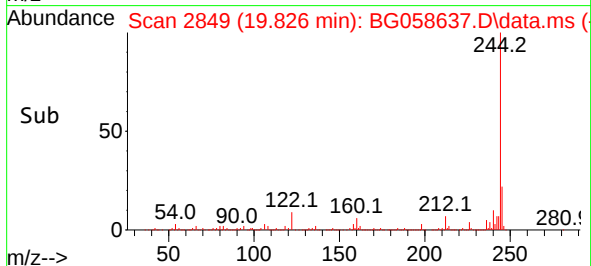
122 9.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#80

Butylbenzylphthalate

Concen: 47.421 ng

RT: 20.514 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

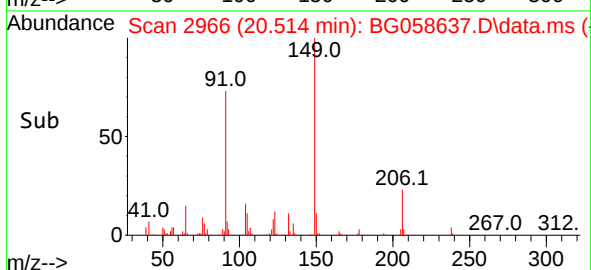
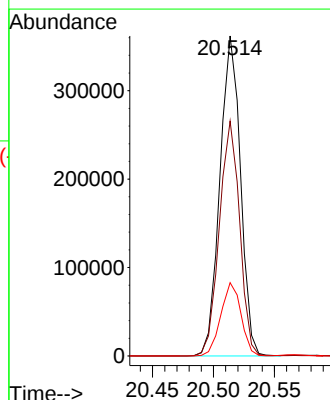
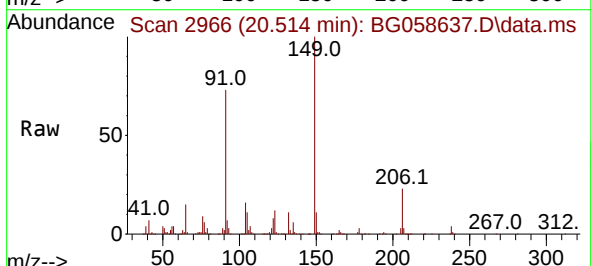
Tgt Ion:149 Resp: 425146

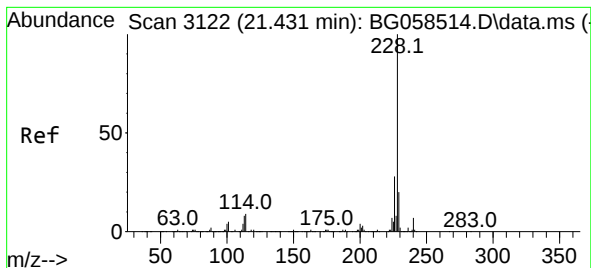
Ion Ratio Lower Upper

149 100

91 73.4 58.4 87.6

206 22.9 18.3 27.5





#81

Benzo(a)anthracene

Concen: 47.729 ng

RT: 21.430 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

Tgt Ion:228 Resp: 105344

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

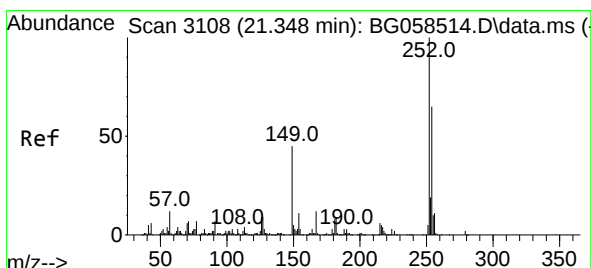
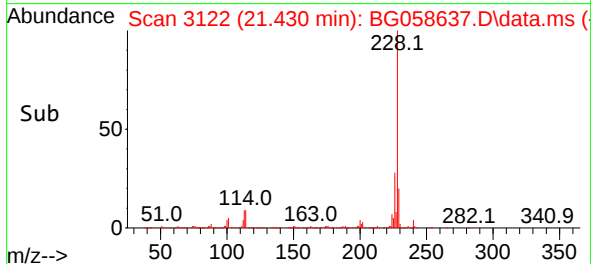
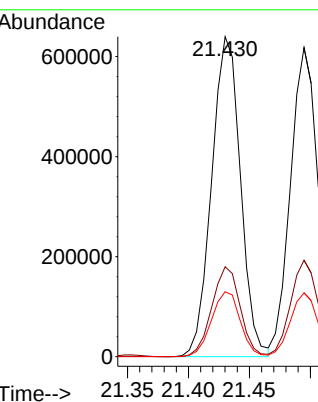
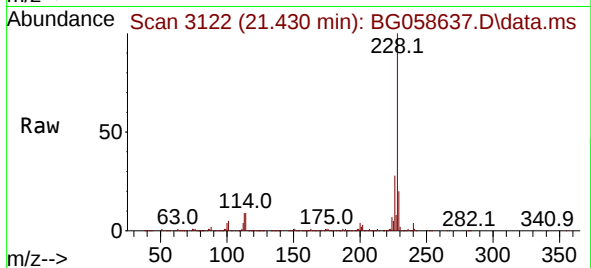
229 20.3 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.891 ng

RT: 21.354 min Scan# 3109

Delta R.T. 0.005 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

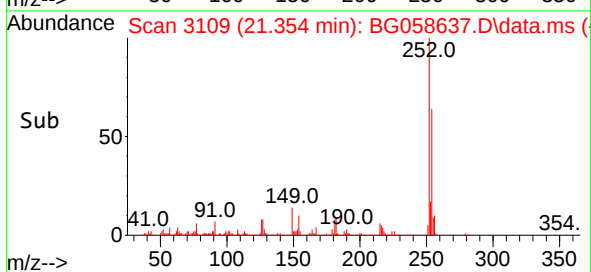
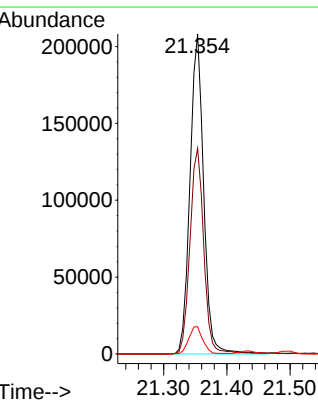
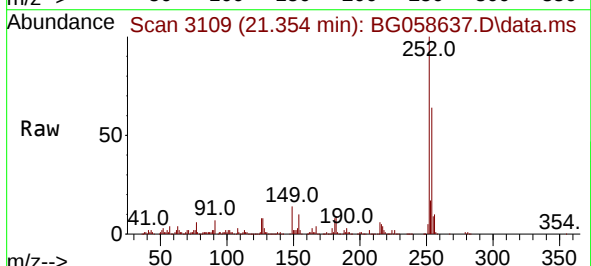
Tgt Ion:252 Resp: 312610

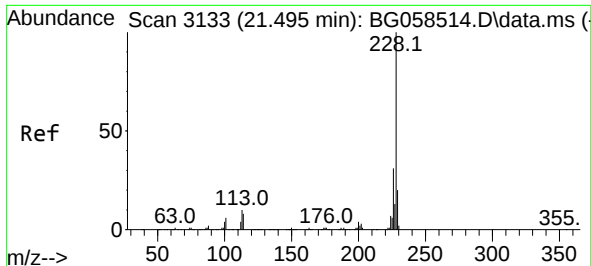
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.4

126 8.5 7.2 10.8





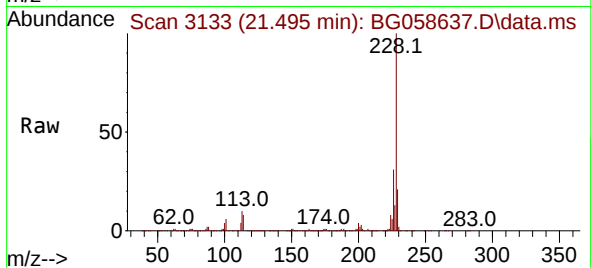
#83
Chrysene
Concen: 46.288 ng
RT: 21.495 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

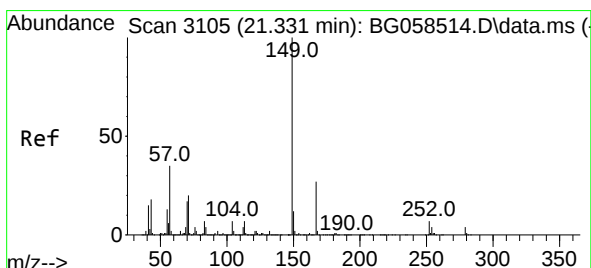
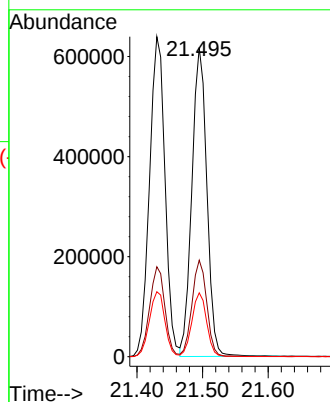
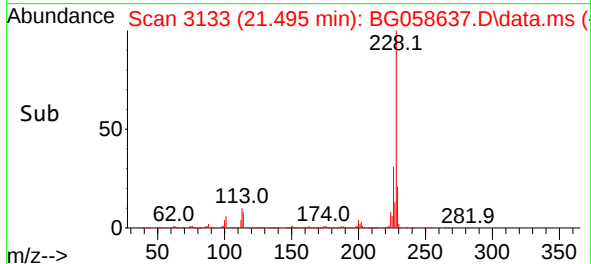


Tgt Ion:228 Resp: 979519
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.7 16.3 24.5

Manual Integrations

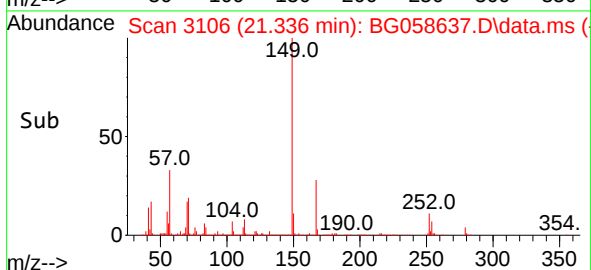
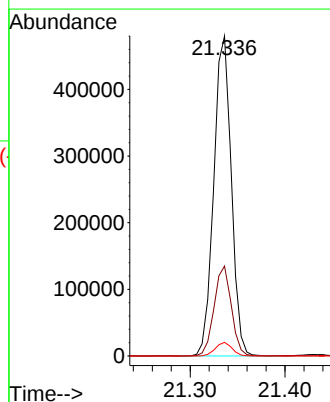
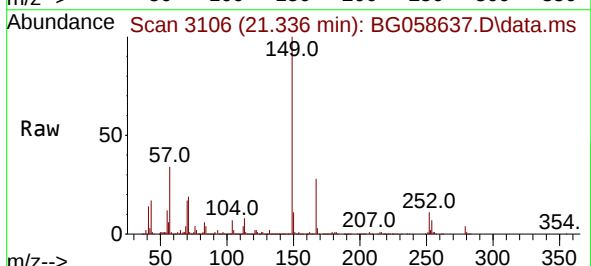
APPROVED

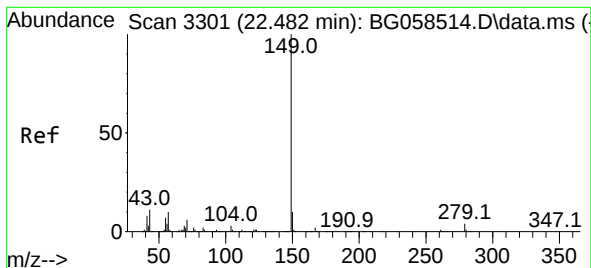
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.966 ng
RT: 21.336 min Scan# 3106
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

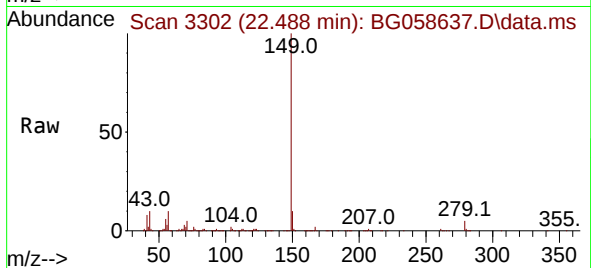
Tgt Ion:149 Resp: 615316
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 47.595 ng
RT: 22.488 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

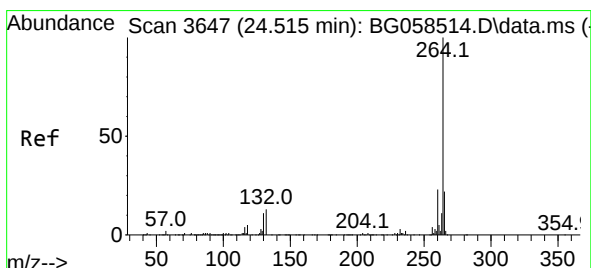
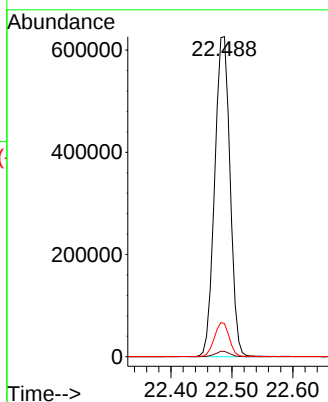
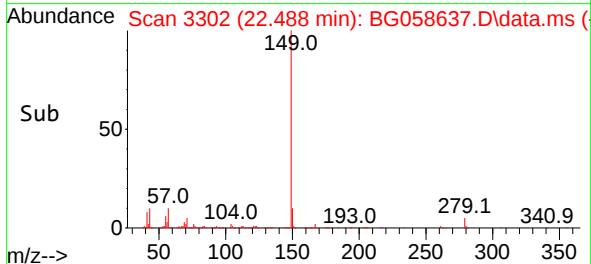
Instrument :
BNA_G
ClientSampleId :
PB154638BS



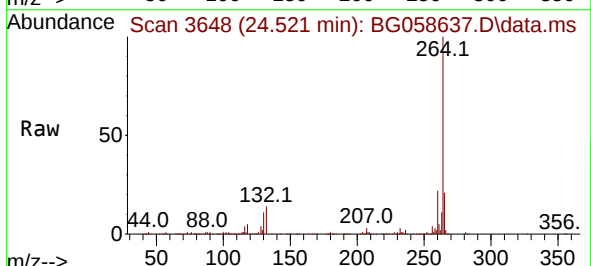
Tgt Ion:149 Resp: 109628
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.2

Manual Integrations
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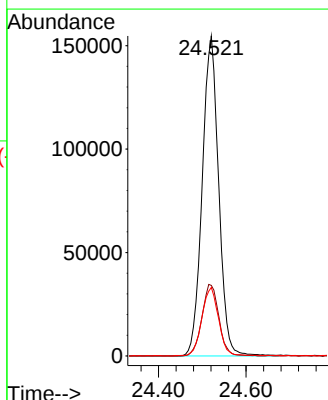
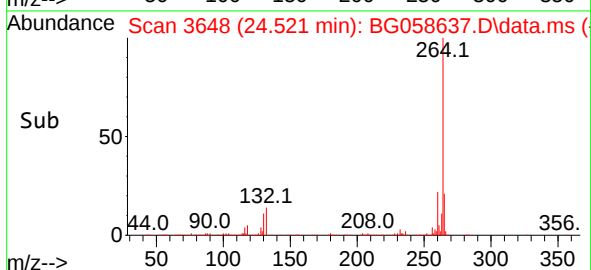
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:264 Resp: 405190
Ion Ratio Lower Upper
264 100
260 22.1 18.4 27.6
265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.764 ng

RT: 28.028 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG058637.D

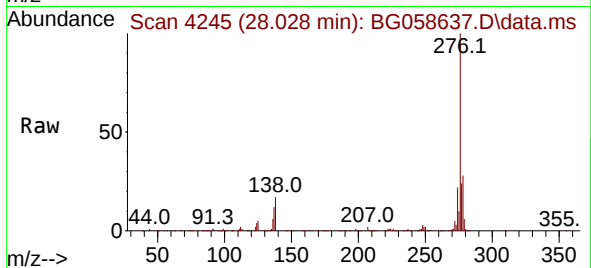
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS



Tgt Ion:276 Resp: 134144

Ion Ratio Lower Upper

276 100

138 19.8 16.0 24.0

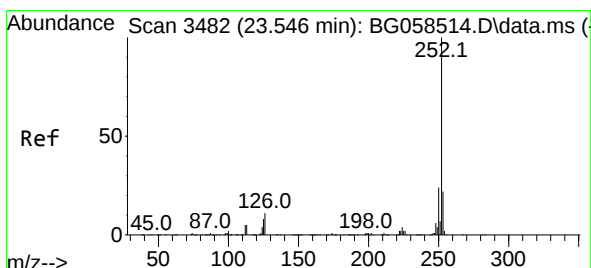
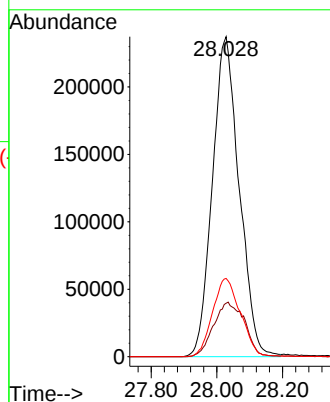
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#88

Benzo(b)fluoranthene

Concen: 51.229 ng

RT: 23.545 min Scan# 3482

Delta R.T. -0.000 min

Lab File: BG058637.D

Acq: 8 Aug 2023 10:53

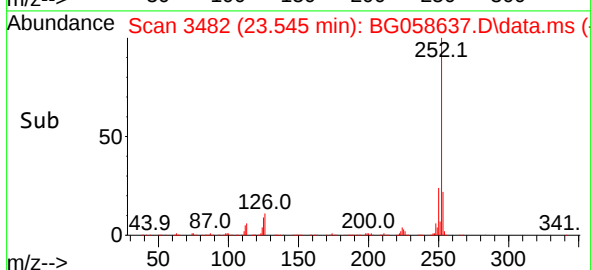
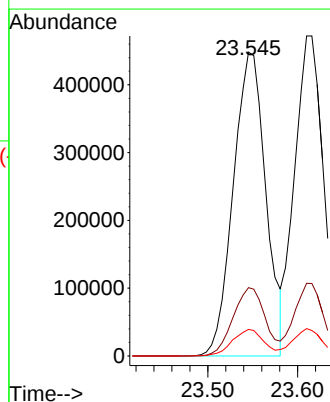
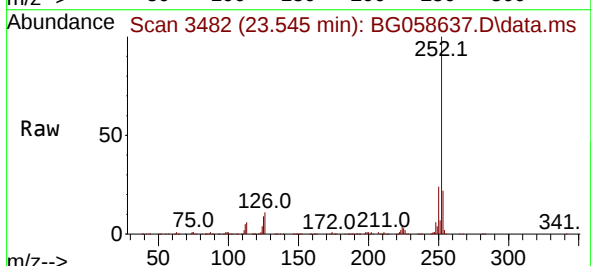
Tgt Ion:252 Resp: 1125835

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.7 6.6 9.8





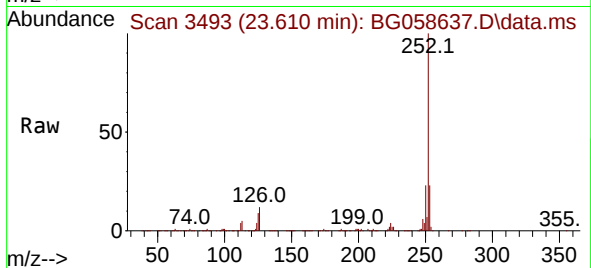
#89
Benzo(k)fluoranthene
Concen: 48.243 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

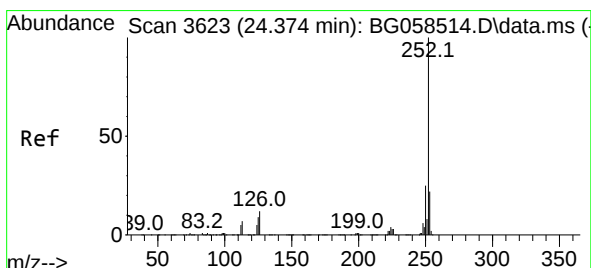
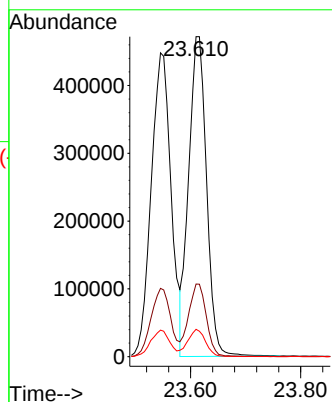
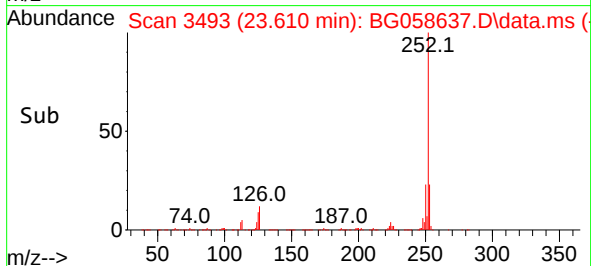


Tgt Ion:252 Resp: 1065099
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.6 6.6 10.0

Manual Integrations

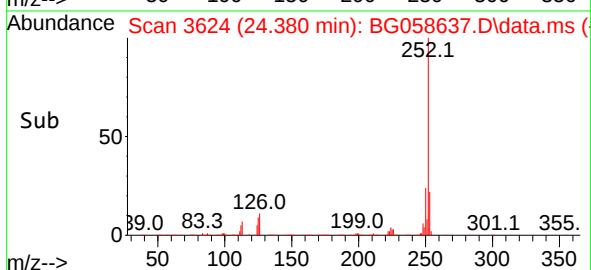
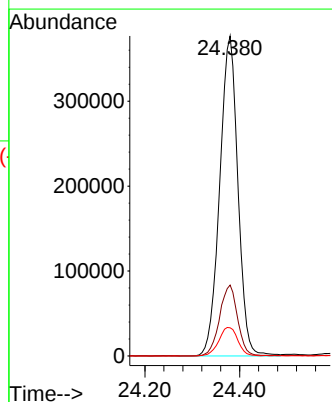
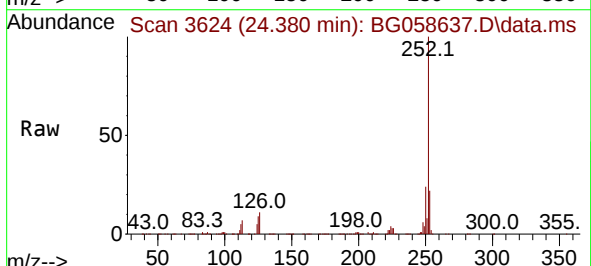
APPROVED

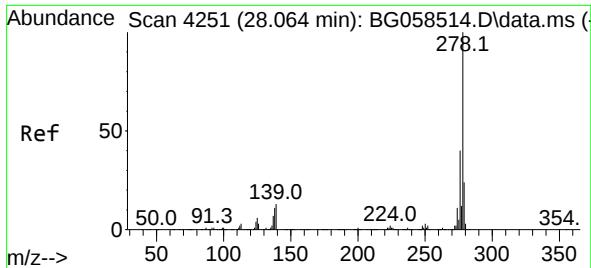
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#90
Benzo(a)pyrene
Concen: 46.539 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Tgt Ion:252 Resp: 1004416
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.8 7.4 11.2





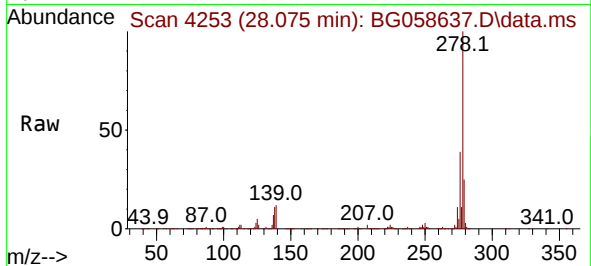
#91
Dibenzo(a,h)anthracene
Concen: 49.858 ng
RT: 28.075 min Scan# 41
Delta R.T. 0.011 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53

Instrument :

BNA_G

ClientSampleId :

PB154638BS

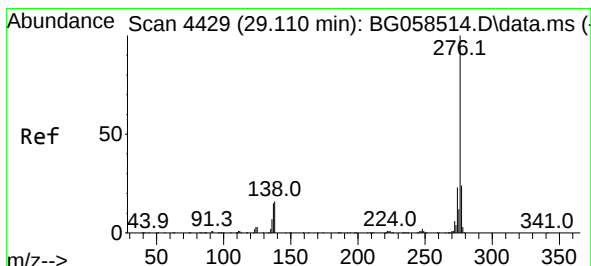
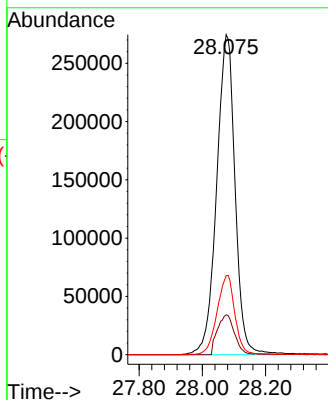
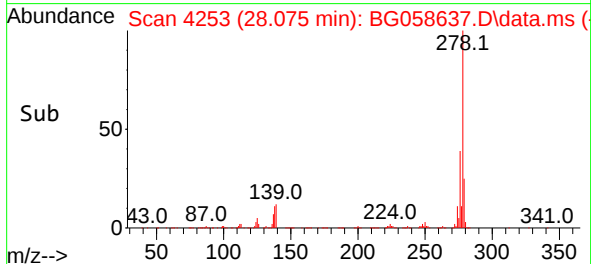


Tgt Ion:278 Resp: 111128
Ion Ratio Lower Upper
278 100
139 12.5 10.4 15.6
279 24.7 19.0 28.6

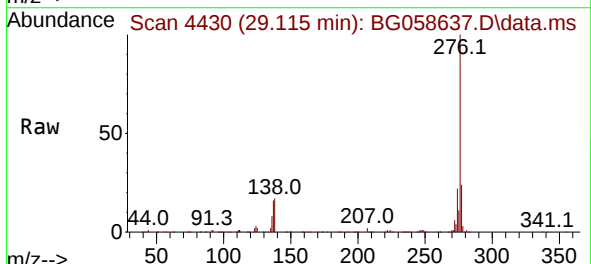
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#92
Benzo(g,h,i)perylene
Concen: 48.764 ng
RT: 29.115 min Scan# 4430
Delta R.T. 0.005 min
Lab File: BG058637.D
Acq: 8 Aug 2023 10:53



Tgt Ion:276 Resp: 1089879
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 17.3 13.0 19.4

