

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058577.D
 Acq On : 2 Aug 2023 14:03
 Operator : MA/JU
 Sample : 03686-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MSD

Quant Time: Aug 03 02:41:54 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

08/03/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	55516	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	241642	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	166482	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	371200	20.000	ng	0.00
76) Chrysene-d12	21.452	240	314072	20.000	ng	0.00
86) Perylene-d12	24.519	264	405710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	321083	88.400	ng	0.00
7) Phenol-d6	6.987	99	435605	86.189	ng	0.00
23) Nitrobenzene-d5	8.978	82	264929	53.859	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	210140	77.009	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	592983	53.378	ng	0.00
79) Terphenyl-d14	19.825	244	990345	59.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	69217	39.327	ng	99
3) Pyridine	3.661	79	176215	36.723	ng	97
4) n-Nitrosodimethylamine	3.579	42	96476	47.452	ng	98
6) Aniline	7.139	93	168474	27.075	ng	99
8) 2-Chlorophenol	7.380	128	201636	56.588	ng	97
9) Benzaldehyde	6.951	77	124170	45.220	ng	99
10) Phenol	7.016	94	274666	55.634	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	192611	49.486	ng	95
12) 1,3-Dichlorobenzene	7.698	146	201170	52.871	ng	98
13) 1,4-Dichlorobenzene	7.844	146	201207	52.666	ng	97
14) 1,2-Dichlorobenzene	8.162	146	198557	54.360	ng	99
15) Benzyl Alcohol	8.056	79	191165	59.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	322190	50.960	ng	99
17) 2-Methylphenol	8.262	107	186452	51.651	ng	96
18) Hexachloroethane	8.890	117	74731	53.817	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	157899	48.367	ng	98
20) 3+4-Methylphenols	8.591	107	256097	52.448	ng	99
22) Acetophenone	8.638	105	312776	48.341	ng	99
24) Nitrobenzene	9.020	77	239279	47.849	ng	97
25) Isophorone	9.537	82	459372	45.199	ng	99
26) 2-Nitrophenol	9.730	139	113137	51.974	ng	97
27) 2,4-Dimethylphenol	9.795	122	176938	49.004	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	266473	48.179	ng	98
29) 2,4-Dichlorophenol	10.265	162	199753	53.282	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	218693	50.582	ng	97
31) Naphthalene	10.665	128	611099	47.982	ng	99
32) Benzoic acid	9.971	122	158066	56.456	ng	99
33) 4-Chloroaniline	10.776	127	85051	15.806	ng	97
34) Hexachlorobutadiene	10.941	225	138305	49.673	ng	99
35) Caprolactam	11.575	113	65966m	47.649	ng	
36) 4-Chloro-3-methylphenol	11.916	107	237328	51.175	ng	99
37) 2-Methylnaphthalene	12.280	142	416793	45.750	ng	98
38) 1-Methylnaphthalene	12.498	142	407354	47.039	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	250533	49.017	ng	99
41) Hexachlorocyclopentadiene	12.627	237	209521	87.554	ng	97
43) 2,4,6-Trichlorophenol	12.892	196	181216	51.547	ng	97

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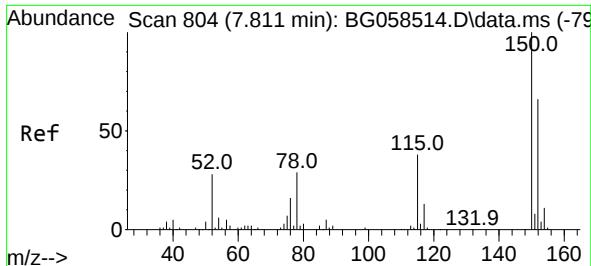
Reviewed By :Yogesh
 Patel

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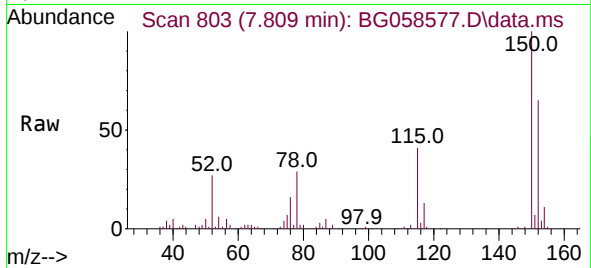
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	199217	48.111	ng	98
46) 1,1'-Biphenyl	13.291	154	550504	48.150	ng	99
47) 2-Chloronaphthalene	13.338	162	447047	50.148	ng	99
48) 2-Nitroaniline	13.544	65	166821	49.028	ng	98
49) Acenaphthylene	14.184	152	730221	48.926	ng	99
50) Dimethylphthalate	13.920	163	648881	51.897	ng	100
51) 2,6-Dinitrotoluene	14.043	165	130802	47.678	ng	98
52) Acenaphthene	14.525	154	408614	47.382	ng	99
53) 3-Nitroaniline	14.372	138	91467	33.324	ng	99
54) 2,4-Dinitrophenol	14.590	184	131841	84.759	ng	100
55) Dibenzofuran	14.860	168	691774	46.683	ng	99
56) 4-Nitrophenol	14.695	139	201275	98.174	ng	98
57) 2,4-Dinitrotoluene	14.836	165	182448	47.970	ng	99
58) Fluorene	15.512	166	543206	46.144	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.089	232	172728	48.885	ng	100
60) Diethylphthalate	15.283	149	574501	45.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	301572	45.950	ng	99
62) 4-Nitroaniline	15.541	138	122652	47.171	ng	98
63) Azobenzene	15.794	77	576156	45.923	ng	98
65) 4,6-Dinitro-2-methylph...	15.600	198	99832	48.776	ng	98
66) n-Nitrosodiphenylamine	15.718	169	479309	49.611	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	206592	49.069	ng	97
68) Hexachlorobenzene	16.517	284	230380	51.639	ng	99
69) Atrazine	16.669	200	190634	58.451	ng	99
70) Pentachlorophenol	16.863	266	245572	90.940	ng	98
71) Phenanthrene	17.251	178	840231	47.730	ng	99
72) Anthracene	17.339	178	858186	47.511	ng	99
73) Carbazole	17.615	167	791116	49.667	ng	99
74) Di-n-butylphthalate	18.168	149	985160	49.378	ng	100
75) Fluoranthene	19.266	202	1005565	47.553	ng	100
77) Benzidine	19.449	184	416723	87.499	ng	98
78) Pyrene	19.631	202	1034670	48.407	ng	100
80) Butylbenzylphthalate	20.512	149	445669	50.761	ng	99
81) Benzo(a)anthracene	21.434	228	1069373	49.476	ng	100
82) 3,3'-Dichlorobenzidine	21.352	252	260684	35.671	ng	100
83) Chrysene	21.499	228	988263	47.688	ng	100
84) Bis(2-ethylhexyl)phtha...	21.335	149	640933	49.956	ng	99
85) Di-n-octyl phthalate	22.486	149	1146558	50.830	ng	100
87) Indeno(1,2,3-cd)pyrene	28.033	276	1385684	51.340	ng	# 91
88) Benzo(b)fluoranthene	23.550	252	1119559	50.878	ng	99
89) Benzo(k)fluoranthene	23.614	252	1105666	50.017	ng	98
90) Benzo(a)pyrene	24.384	252	1021996	47.292	ng	98
91) Dibenzo(a,h)anthracene	28.085	278	1139508	51.059	ng	99
92) Benzo(g,h,i)perylene	29.120	276	1103035	49.289	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
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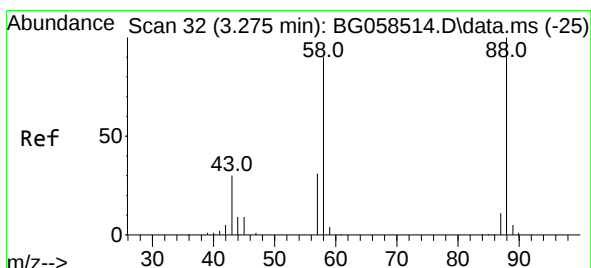
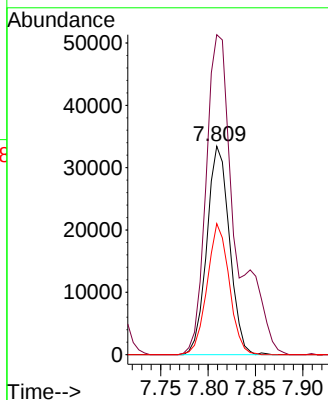
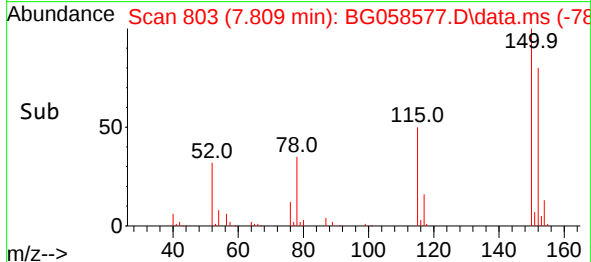
Tgt Ion:152 Resp: 55516
Ion Ratio Lower Upper
152 100
150 153.5 120.5 180.7
115 62.8 45.9 68.9

Manual Integrations
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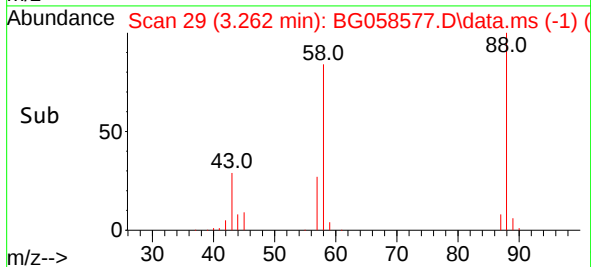
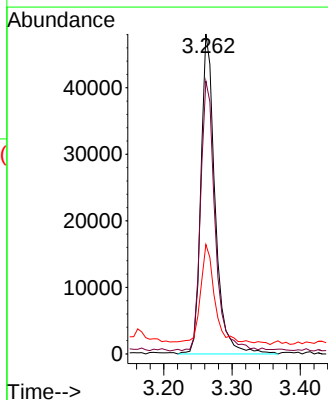
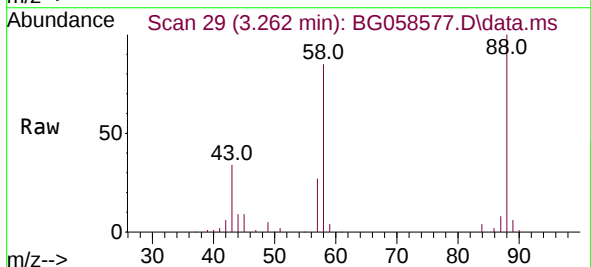
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ahmed

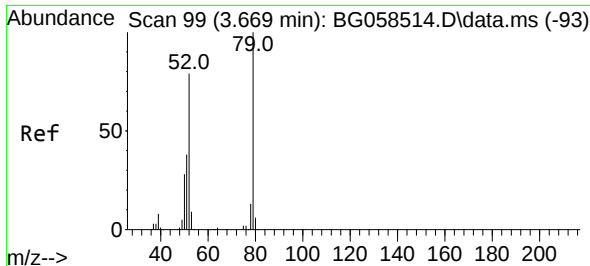
08/03/2023



#2
1,4-Dioxane
Concen: 39.327 ng
RT: 3.262 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

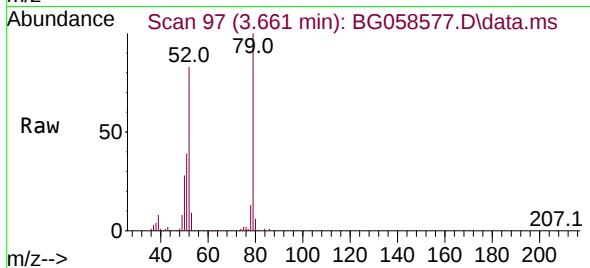
Tgt Ion: 88 Resp: 69217
Ion Ratio Lower Upper
88 100
58 86.6 68.9 103.3
43 30.1 22.9 34.3





#3
Pyridine
Concen: 36.723 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

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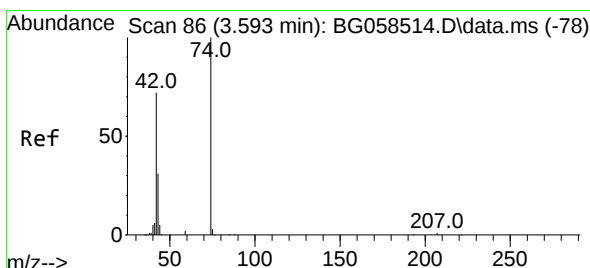
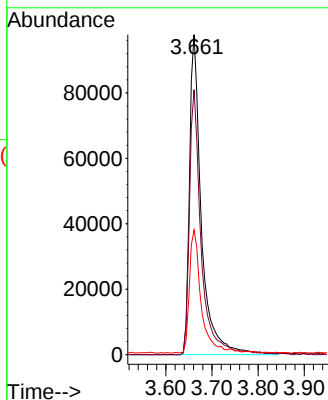
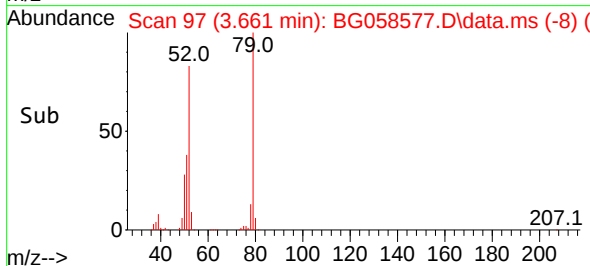
Tgt Ion: 79 Resp: 176215
Ion Ratio Lower Upper
79 100
52 82.8 63.2 94.8
51 39.0 31.9 47.9

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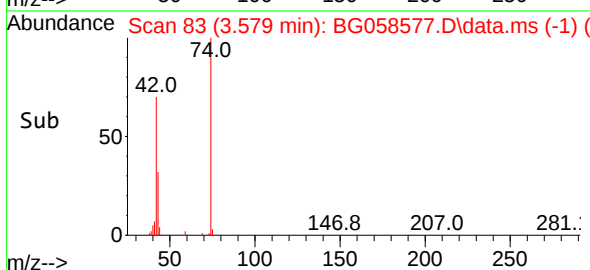
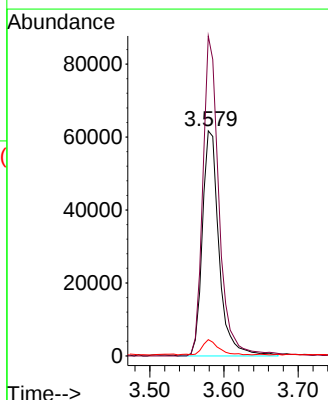
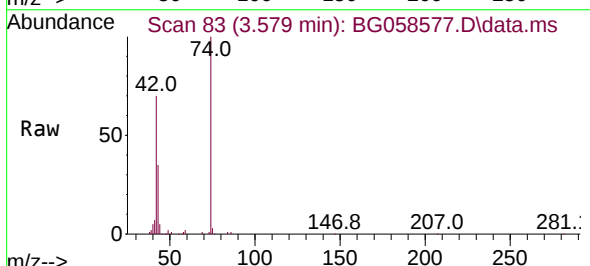
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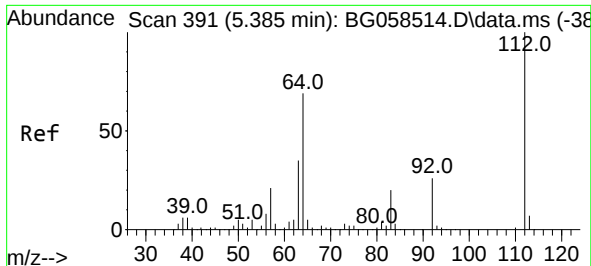
08/03/2023



#4
n-Nitrosodimethylamine
Concen: 47.452 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

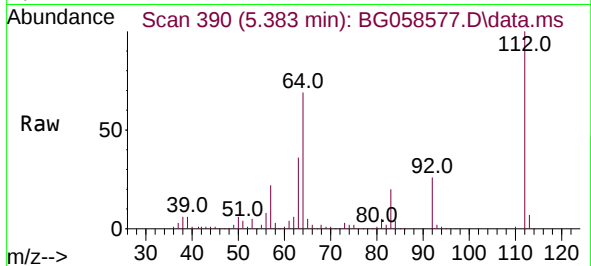
Tgt Ion: 42 Resp: 96476
Ion Ratio Lower Upper
42 100
74 142.2 111.5 167.3
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 88.400 ng
RT: 5.383 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
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ClientSampleId :
SB-22-4-6-20230721MSD



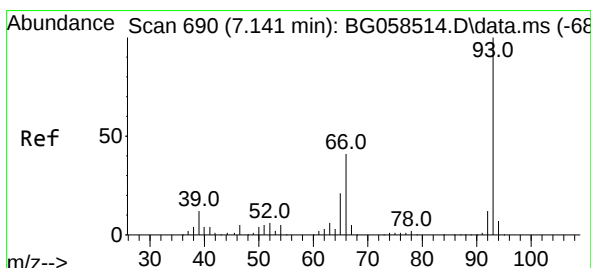
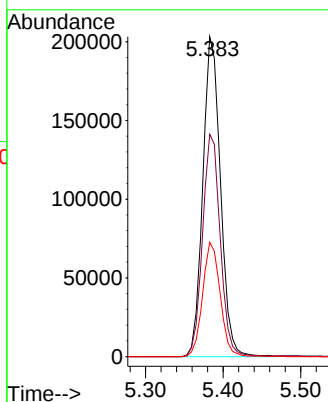
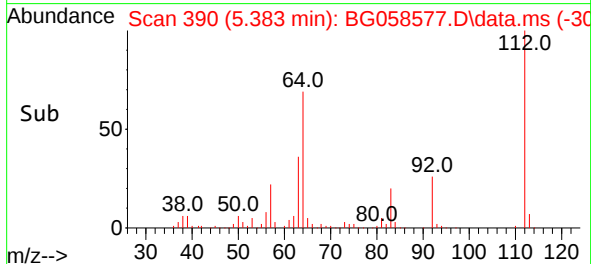
Tgt Ion: 112 Resp: 321083
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 35.7 28.3 42.5

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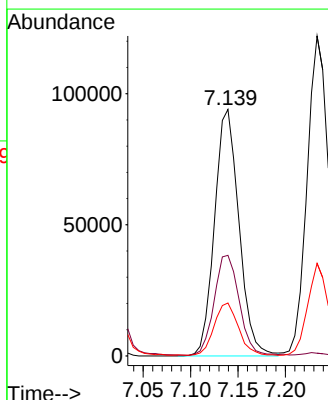
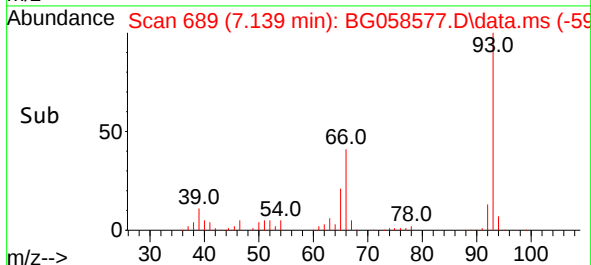
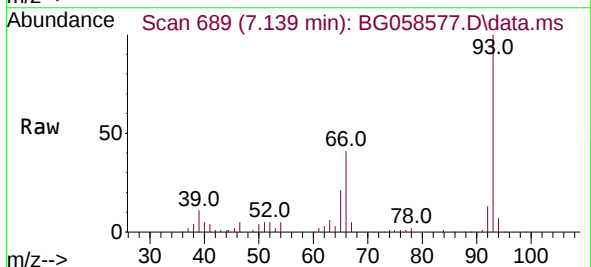
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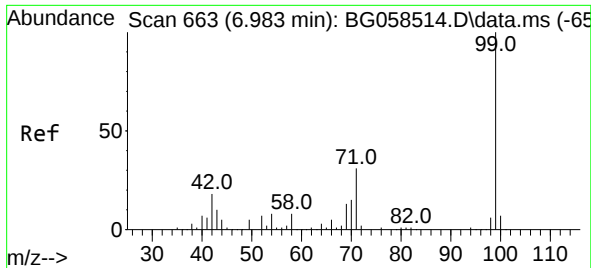
08/03/2023



#6
Aniline
Concen: 27.075 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

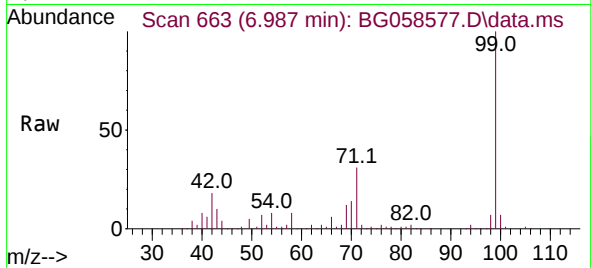
Tgt Ion: 93 Resp: 168474
Ion Ratio Lower Upper
93 100
66 40.8 33.1 49.7
65 21.5 17.0 25.4





#7
Phenol-d6
Concen: 86.189 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

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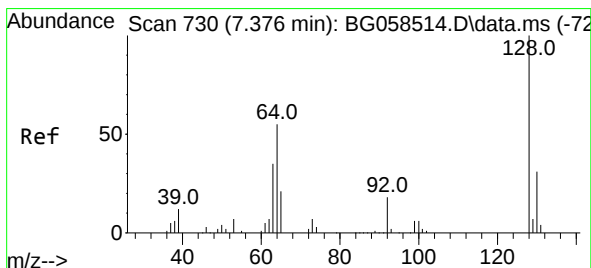
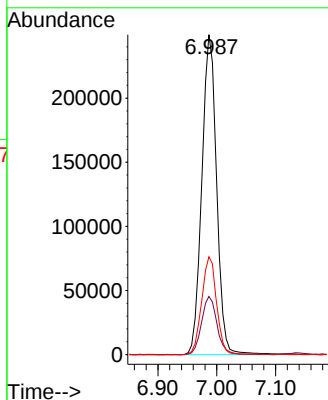
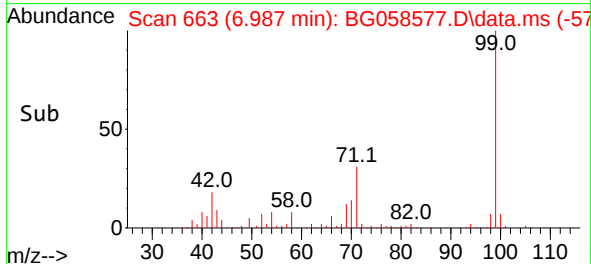
Tgt Ion: 99 Resp: 435605
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 30.6 25.0 37.4

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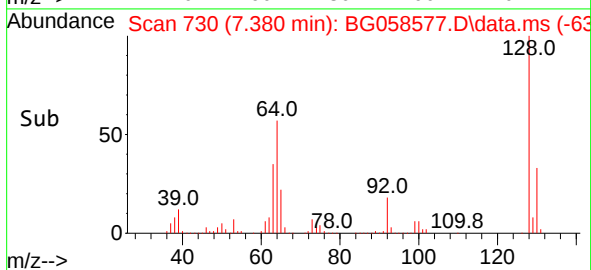
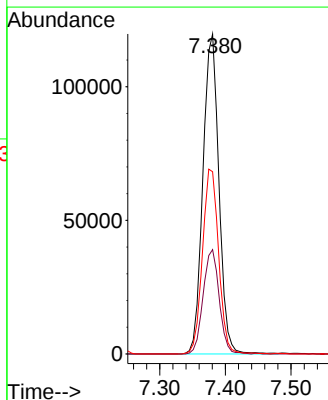
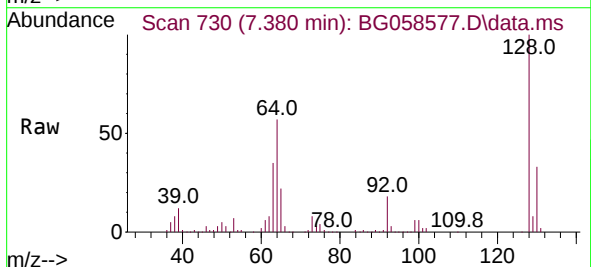
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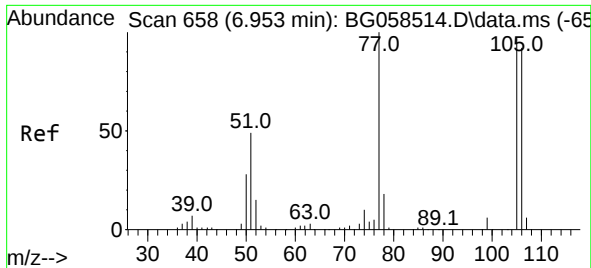
08/03/2023



#8
2-Chlorophenol
Concen: 56.588 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

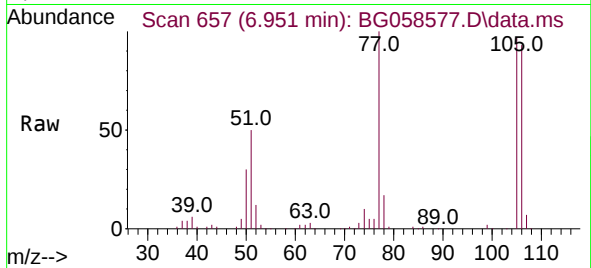
Tgt Ion:128 Resp: 201636
Ion Ratio Lower Upper
128 100
130 32.6 10.9 50.9
64 56.9 39.0 79.0





#9
Benzaldehyde
Concen: 45.220 ng
RT: 6.951 min Scan# 657
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
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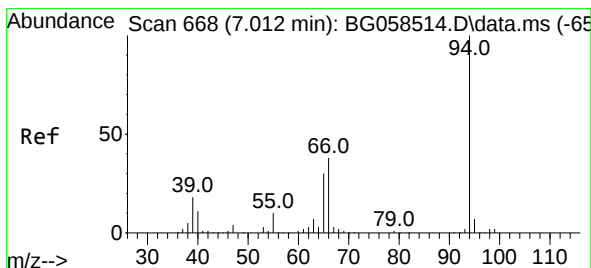
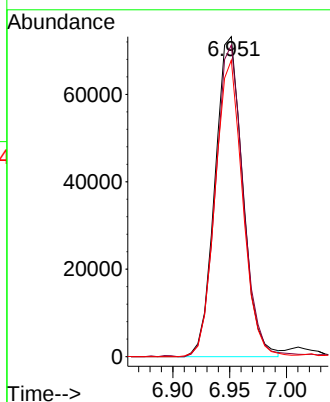
Tgt Ion: 77 Resp: 124170
Ion Ratio Lower Upper
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105 97.3 77.1 117.1
106 92.6 71.6 111.6

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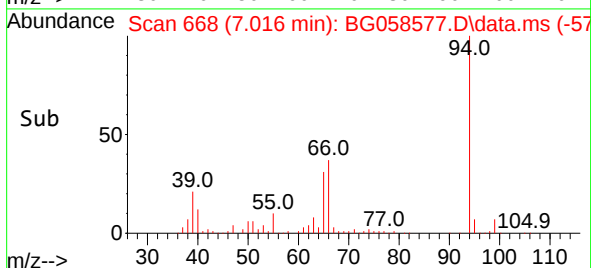
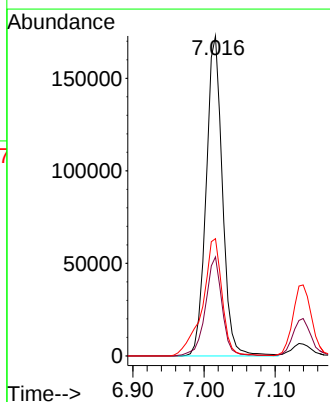
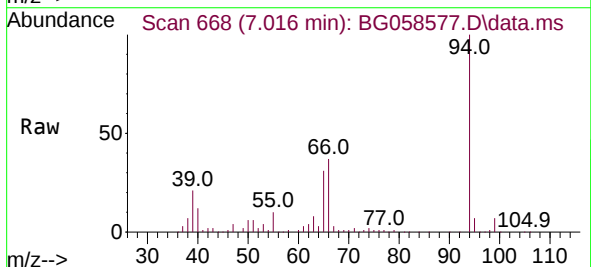
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Supervised By :mohammad
ahmed

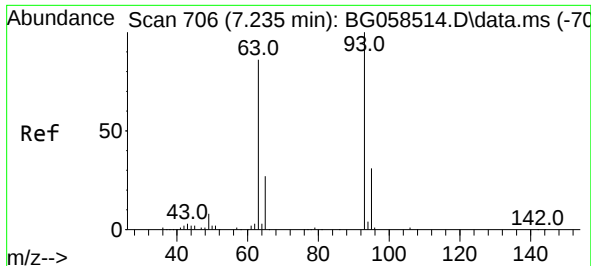
08/03/2023



#10
Phenol
Concen: 55.634 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

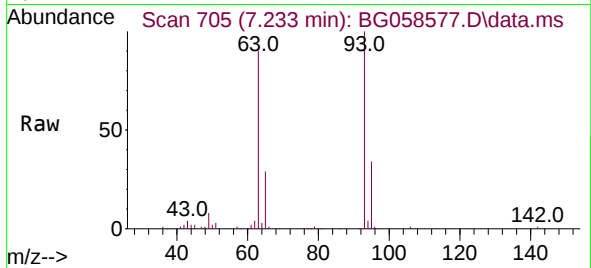
Tgt Ion: 94 Resp: 274666
Ion Ratio Lower Upper
94 100
65 30.9 10.4 50.4
66 36.6 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.486 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



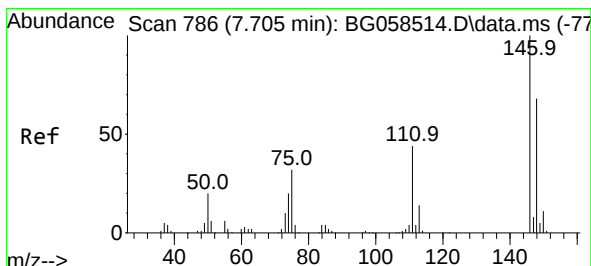
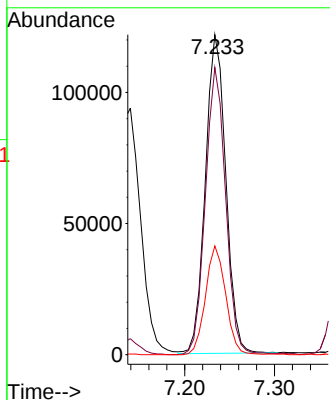
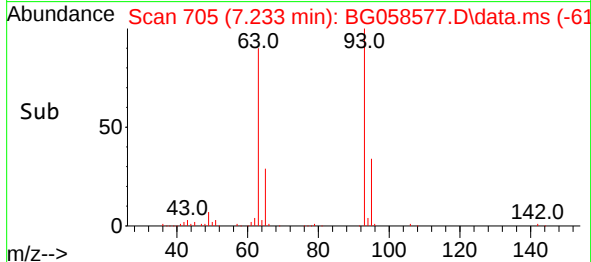
Tgt Ion: 93 Resp: 192611
Ion Ratio Lower Upper
93 100
63 89.7 65.5 105.5
95 34.0 11.2 51.2

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Reviewed By :Yogesh
Patel

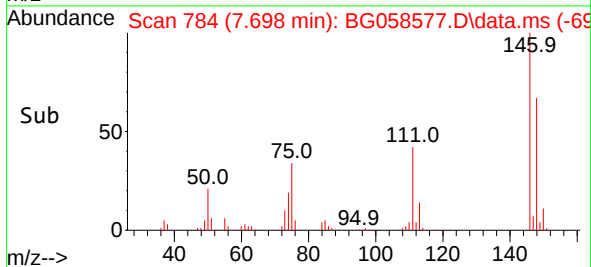
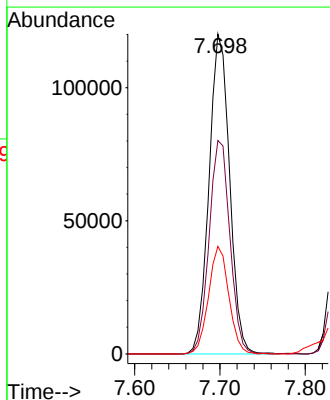
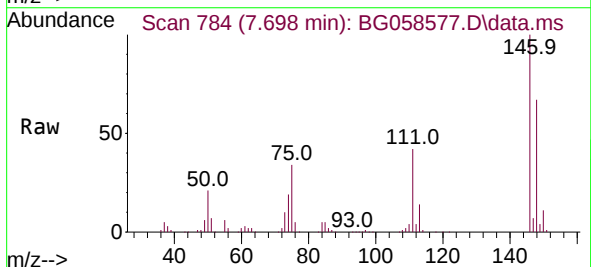
08/03/2023
Supervised By :mohammad
ahmed

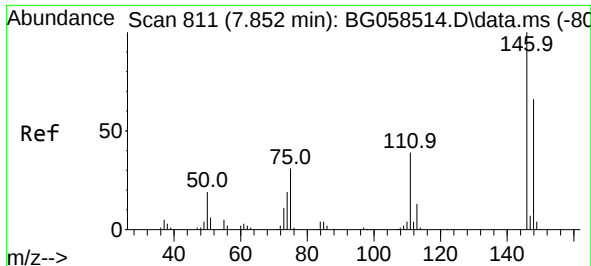
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#12
1,3-Dichlorobenzene
Concen: 52.871 ng
RT: 7.698 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:146 Resp: 201170
Ion Ratio Lower Upper
146 100
148 66.7 54.7 82.1
75 33.6 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.666 ng

RT: 7.844 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MSD

Tgt Ion:146 Resp: 20120

Ion Ratio Lower Upper

146 100

148 68.3 52.8 79.2

111 41.4 31.7 47.5

Manual Integrations

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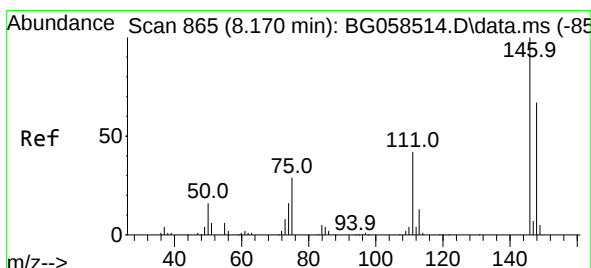
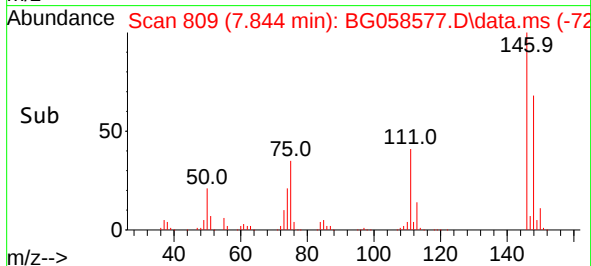
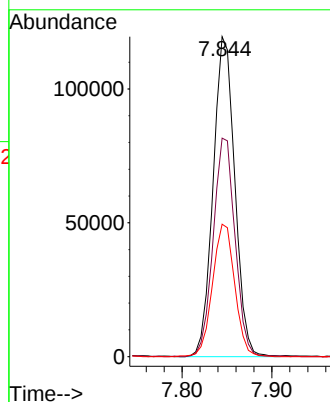
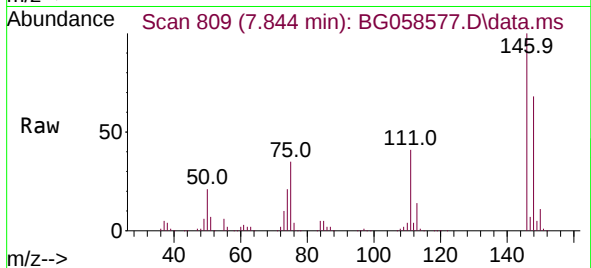
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#14

1,2-Dichlorobenzene

Concen: 54.360 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

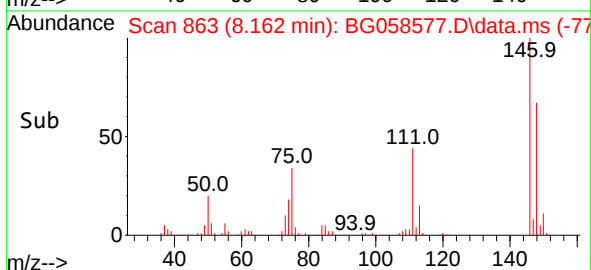
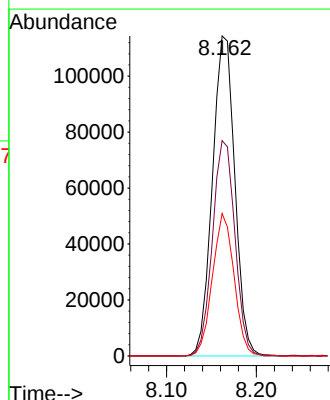
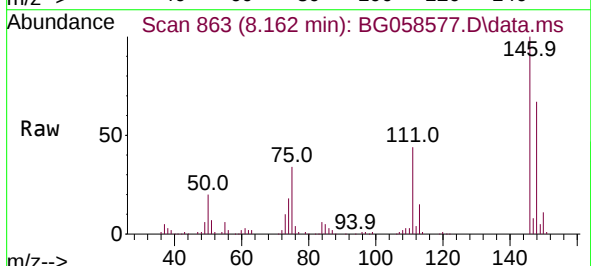
Tgt Ion:146 Resp: 198557

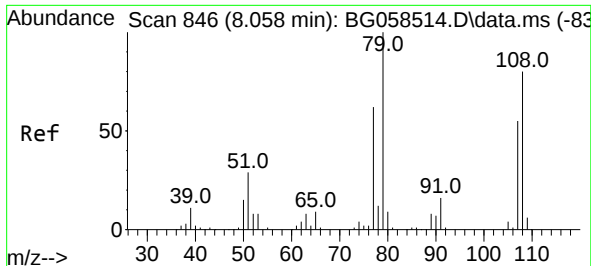
Ion Ratio Lower Upper

146 100

148 67.3 53.4 80.2

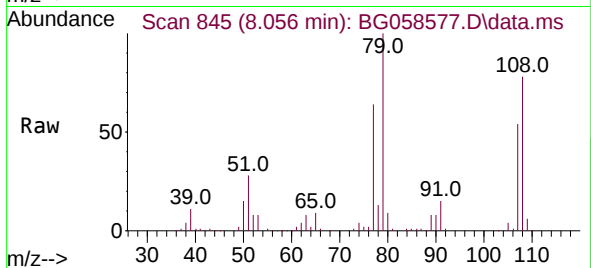
111 44.5 34.2 51.2





#15
Benzyl Alcohol
Concen: 59.643 ng
RT: 8.056 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



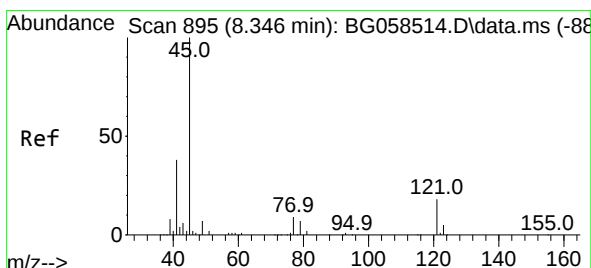
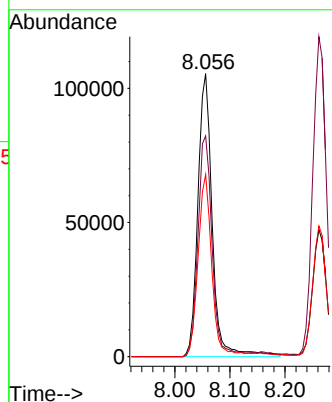
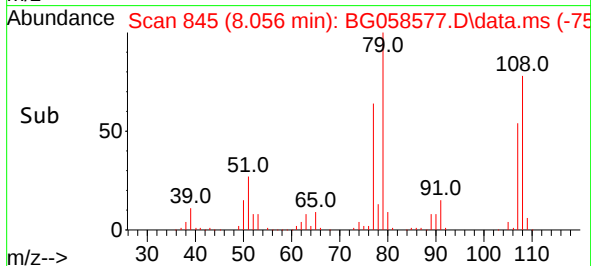
Tgt Ion: 79 Resp: 191165
Ion Ratio Lower Upper
79 100
108 78.0 63.8 95.6
77 64.3 49.8 74.6

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Patel

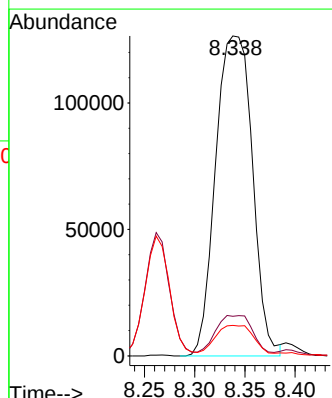
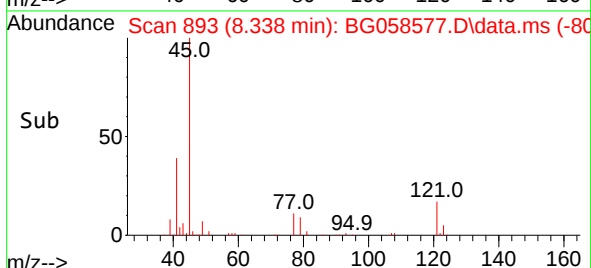
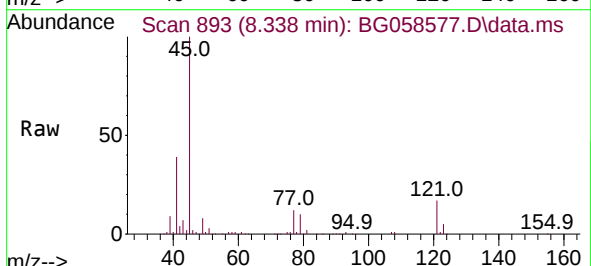
08/03/2023
Supervised By :mohammad
ahmed

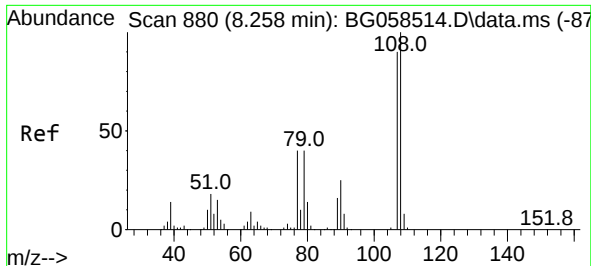
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.960 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

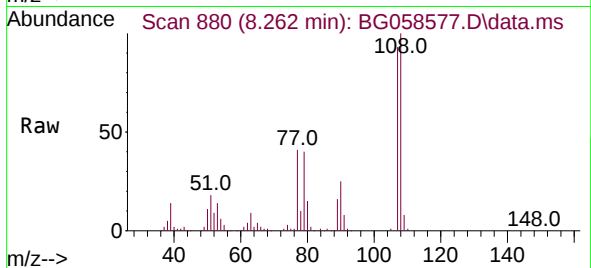
Tgt Ion: 45 Resp: 322190
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.6
79 9.6 0.0 30.2





#17
2-Methylphenol
Concen: 51.651 ng
RT: 8.262 min Scan# 880
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



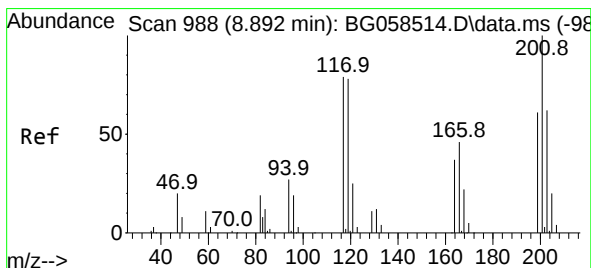
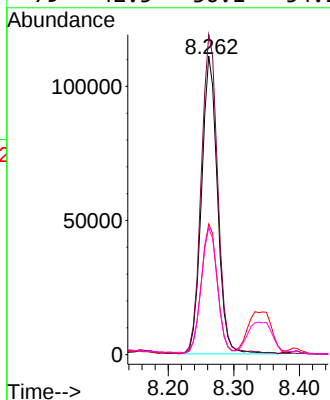
Tgt Ion:107 Resp: 186452
Ion Ratio Lower Upper
107 100
108 107.1 89.1 133.7
77 43.8 36.2 54.4
79 42.5 36.1 54.1

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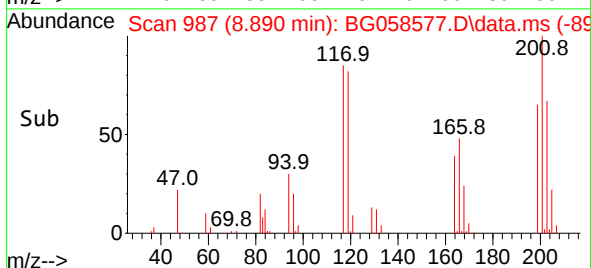
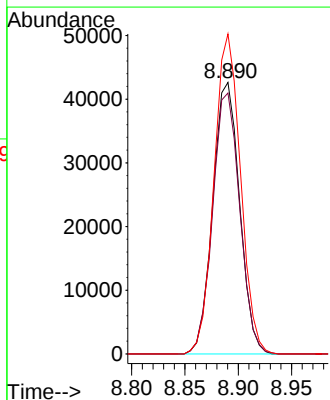
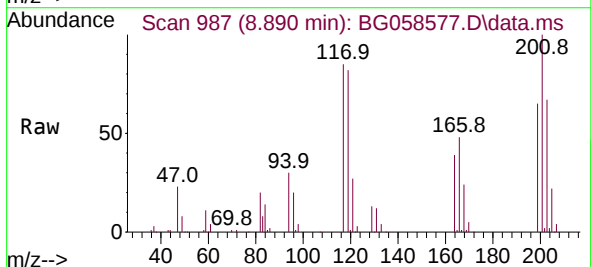
08/03/2023
Supervised By :mohammad
ahmed

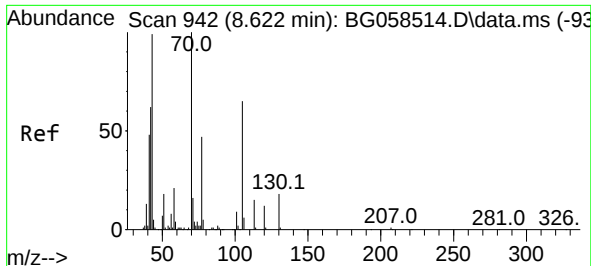
08/03/2023



#18
Hexachloroethane
Concen: 53.817 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

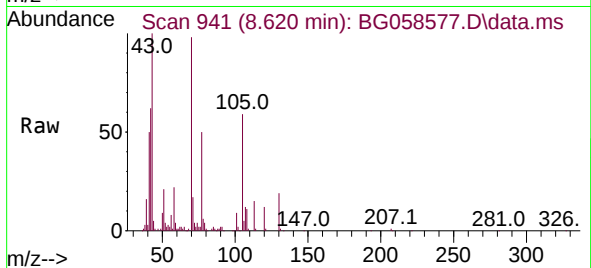
Tgt Ion:117 Resp: 74731
Ion Ratio Lower Upper
117 100
119 96.1 78.6 117.8
201 117.9 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.367 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



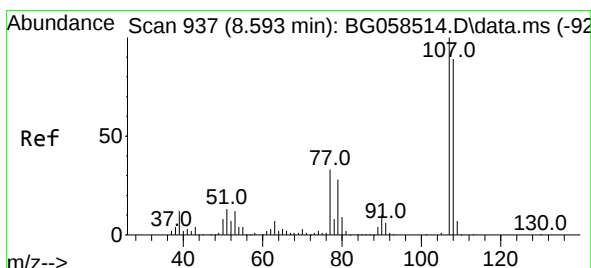
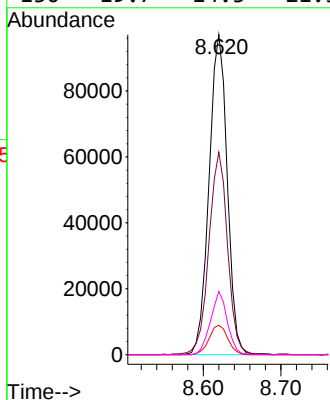
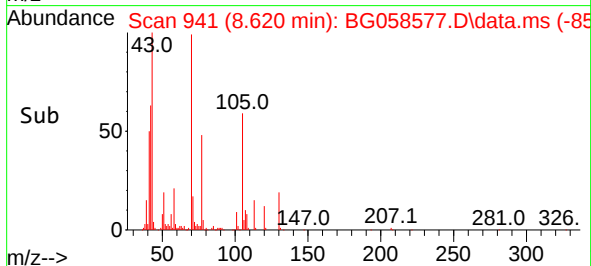
Tgt Ion: 70 Resp: 157899
Ion Ratio Lower Upper
70 100
42 63.2 49.7 74.5
101 9.2 7.0 10.4
130 19.7 14.3 21.5

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Patel

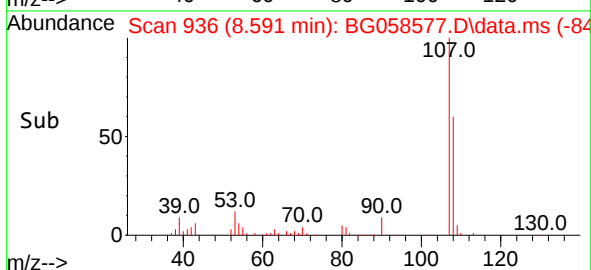
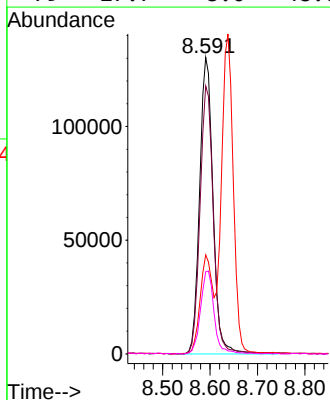
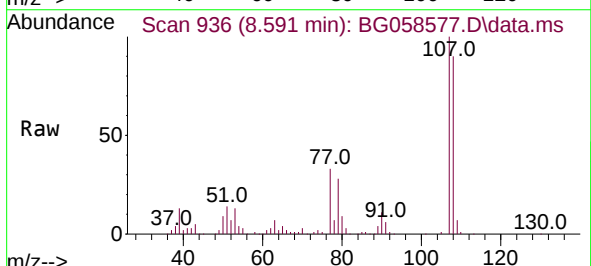
08/03/2023
Supervised By :mohammad
ahmed

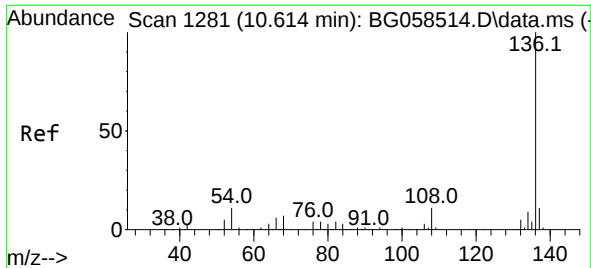
08/03/2023



#20
3+4-Methylphenols
Concen: 52.448 ng
RT: 8.591 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

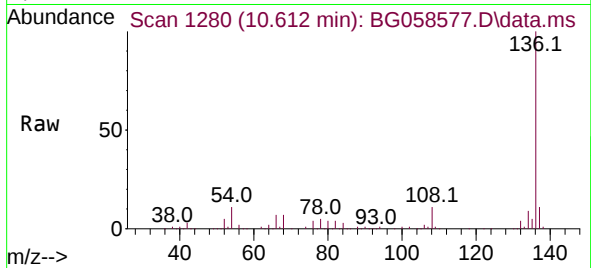
Tgt Ion:107 Resp: 256097
Ion Ratio Lower Upper
107 100
108 90.4 69.4 109.4
77 33.4 13.0 53.0
79 27.7 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



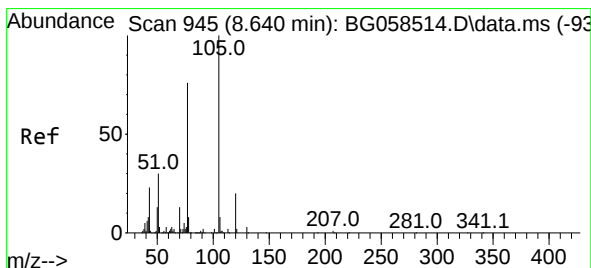
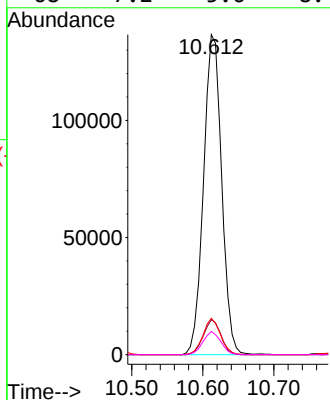
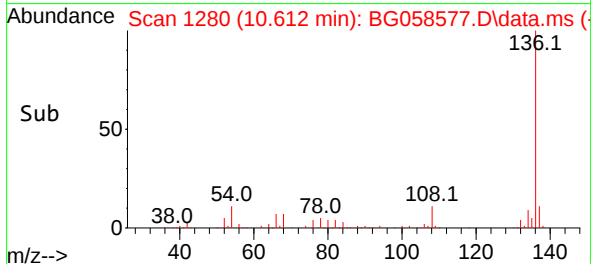
Tgt Ion:136 Resp: 241642
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.3 8.9 13.3
68 7.2 5.6 8.4

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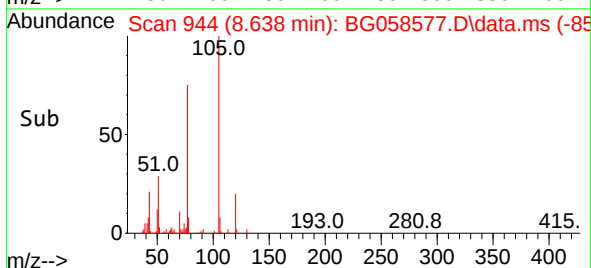
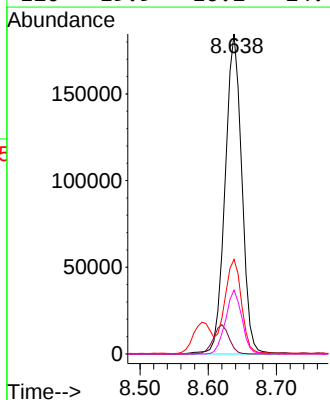
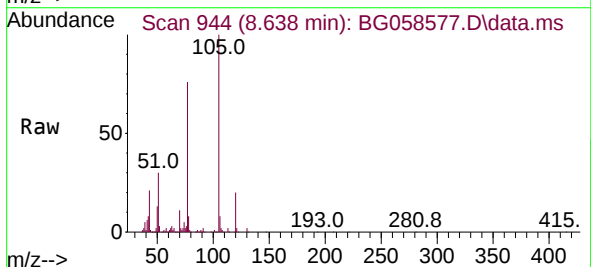
08/03/2023
Supervised By :mohammad
ahmed

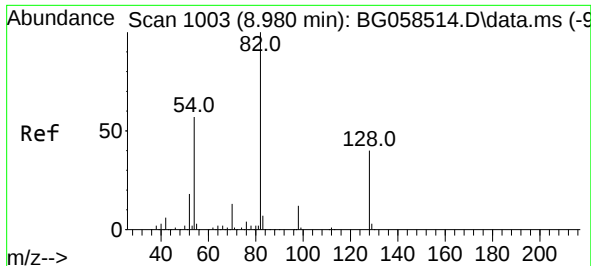
08/03/2023



#22
Acetophenone
Concen: 48.341 ng
RT: 8.638 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

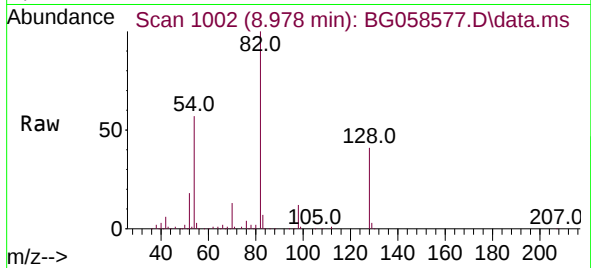
Tgt Ion:105 Resp: 312776
Ion Ratio Lower Upper
105 100
71 1.8 1.8 2.6
51 29.5 24.2 36.2
120 19.9 16.2 24.4





#23
Nitrobenzene-d5
Concen: 53.859 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



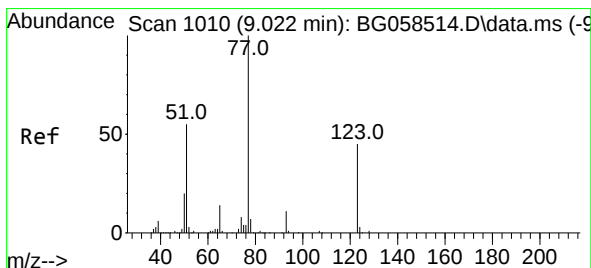
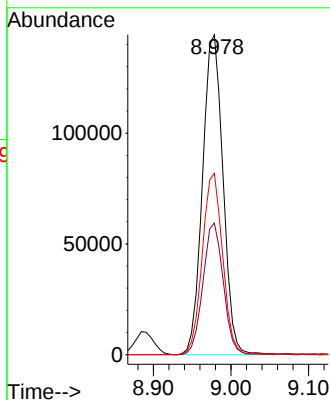
Tgt Ion: 82 Resp: 264929
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 56.7 46.0 69.0

Manual Integrations
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Reviewed By :Yogesh
Patel

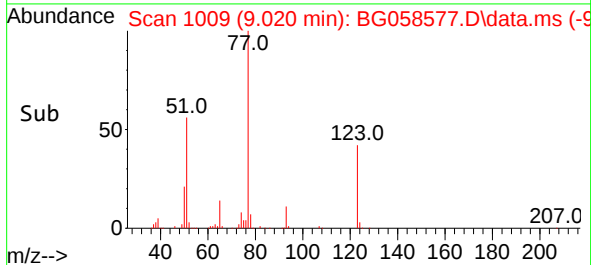
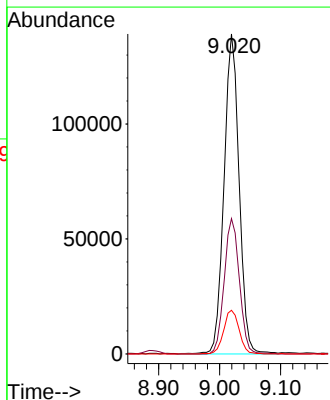
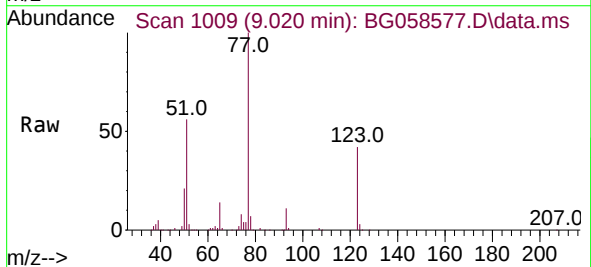
08/03/2023
Supervised By :mohammad
ahmed

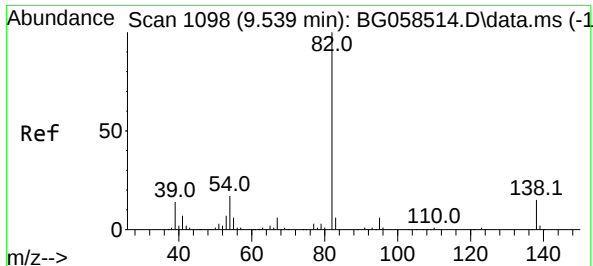
08/03/2023



#24
Nitrobenzene
Concen: 47.849 ng
RT: 9.020 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

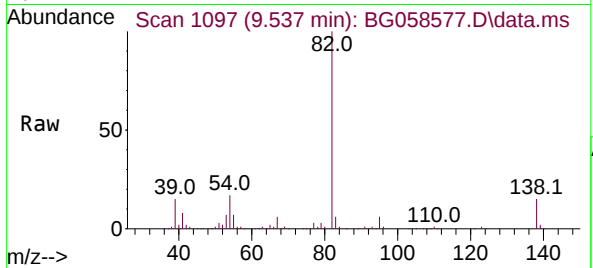
Tgt Ion: 77 Resp: 239279
Ion Ratio Lower Upper
77 100
123 42.3 35.6 53.4
65 13.6 11.4 17.0





#25
Isophorone
Concen: 45.199 ng
RT: 9.537 min Scan# 1098
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



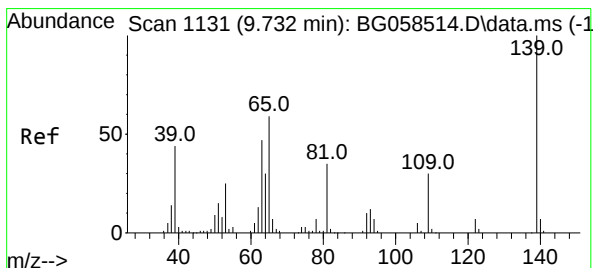
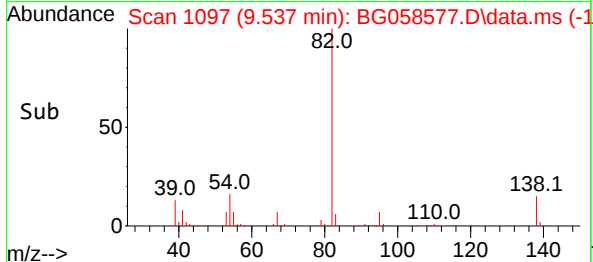
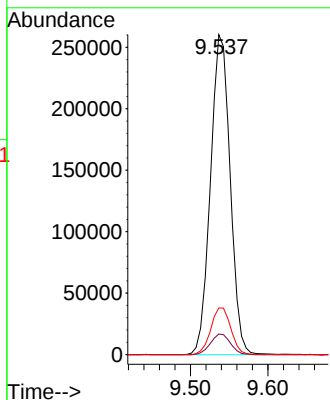
Tgt Ion: 82 Resp: 459372
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.6 11.9 17.9

Manual Integrations
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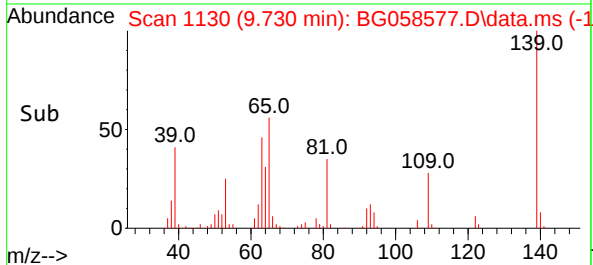
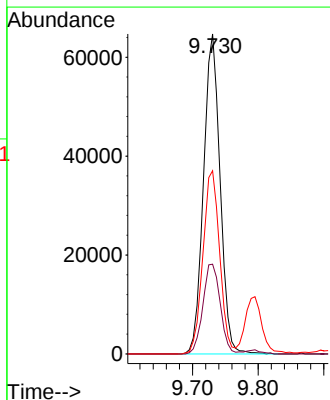
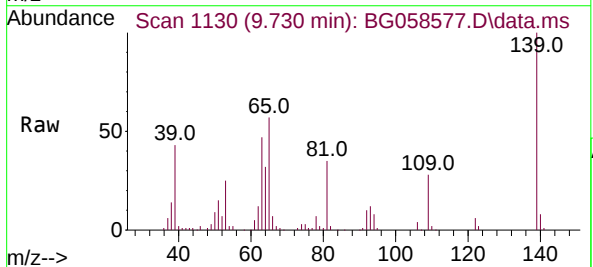
08/03/2023
Supervised By :mohammad
ahmed

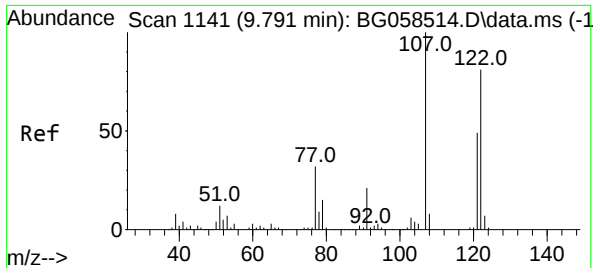
08/03/2023



#26
2-Nitrophenol
Concen: 51.974 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

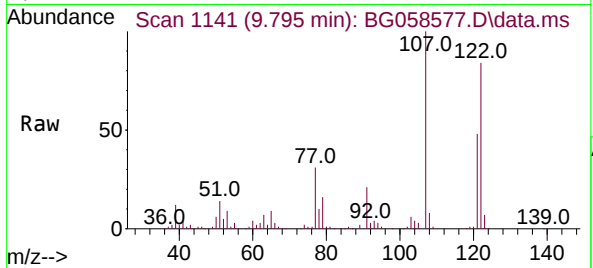
Tgt Ion:139 Resp: 113137
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 57.2 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 49.004 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



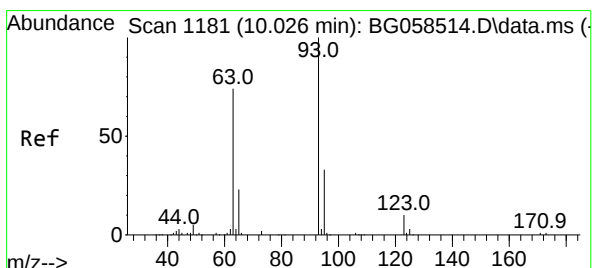
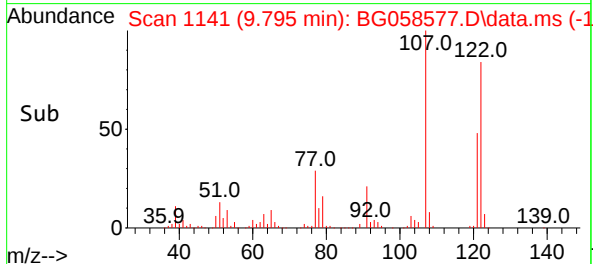
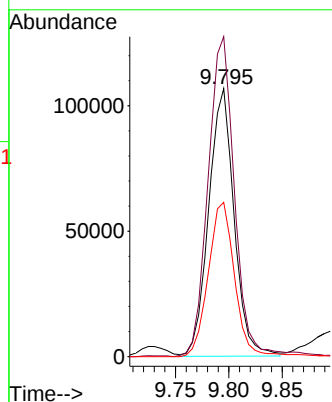
Tgt Ion:122 Resp: 176938
Ion Ratio Lower Upper
122 100
107 119.4 98.0 147.0
121 57.5 47.8 71.6

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Patel

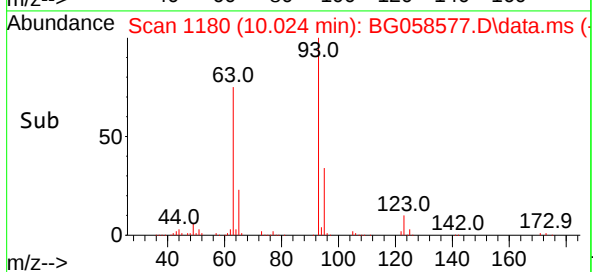
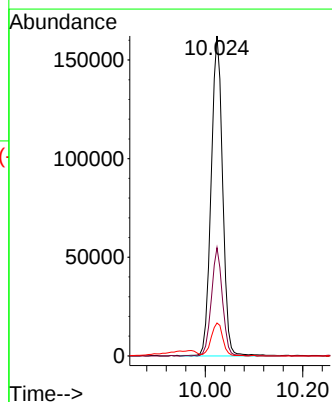
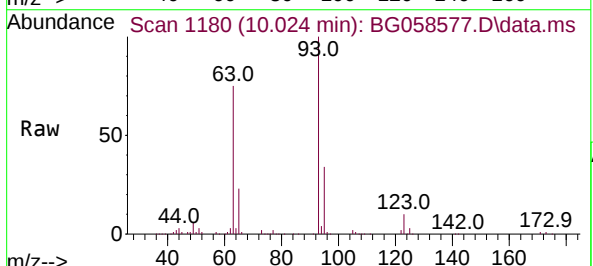
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Supervised By :mohammad
ahmed

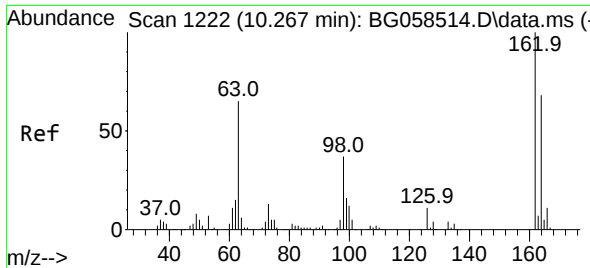
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#28
bis(2-Chloroethoxy)methane
Concen: 48.179 ng
RT: 10.024 min Scan# 1180
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

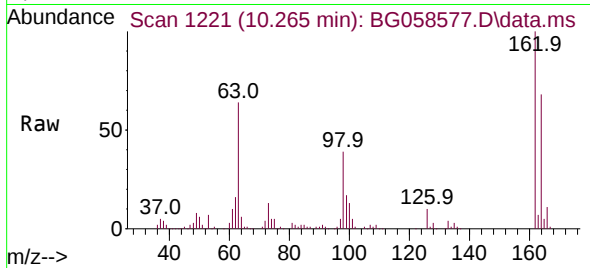
Tgt Ion: 93 Resp: 266473
Ion Ratio Lower Upper
93 100
95 33.8 26.0 39.0
123 10.3 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 53.282 ng
RT: 10.265 min Scan# 1221
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



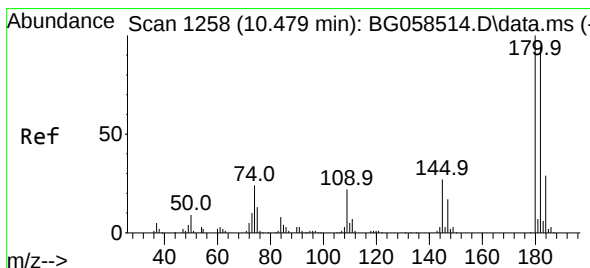
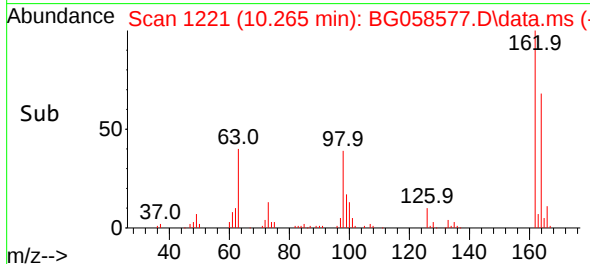
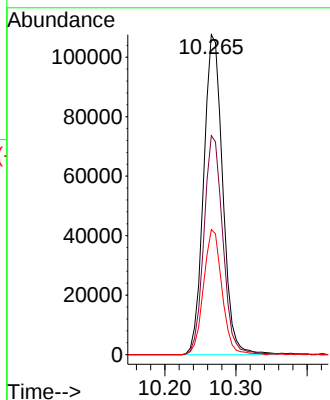
Tgt Ion:162 Resp: 199753
Ion Ratio Lower Upper
162 100
164 68.4 47.6 87.6
98 39.1 17.1 57.1

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Patel

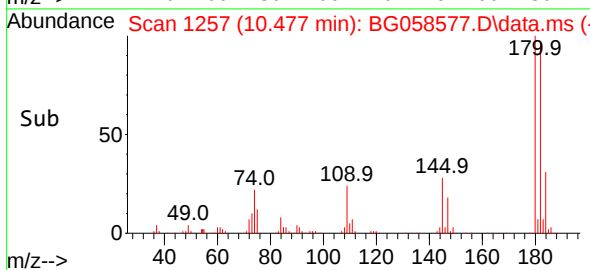
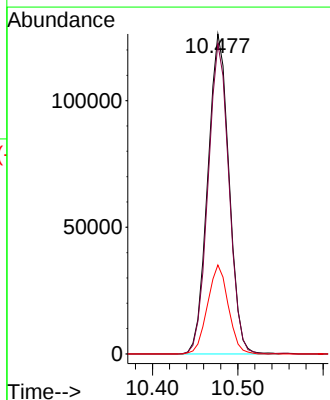
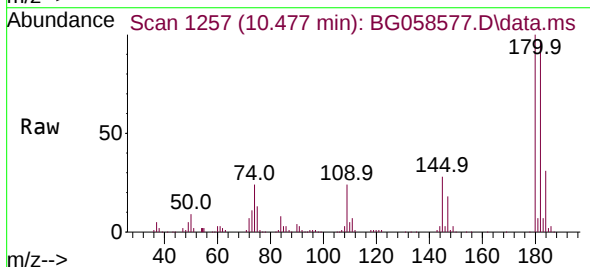
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Supervised By :mohammad
ahmed

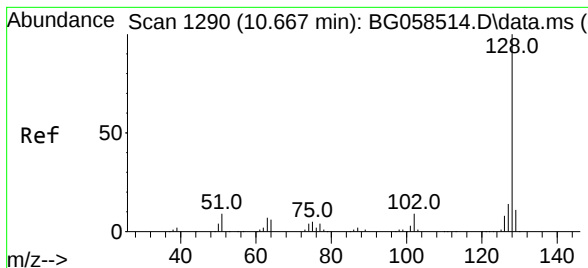
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#30
1,2,4-Trichlorobenzene
Concen: 50.582 ng
RT: 10.477 min Scan# 1257
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

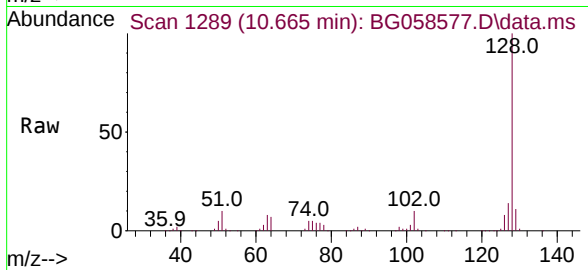
Tgt Ion:180 Resp: 218693
Ion Ratio Lower Upper
180 100
182 96.9 75.0 112.4
145 27.8 21.9 32.9





#31
Naphthalene
Concen: 47.982 ng
RT: 10.665 min Scan# 1170
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



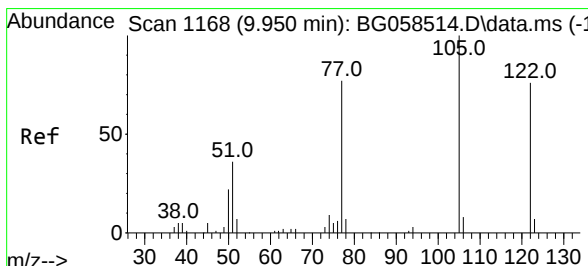
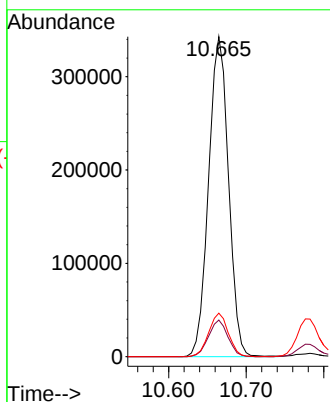
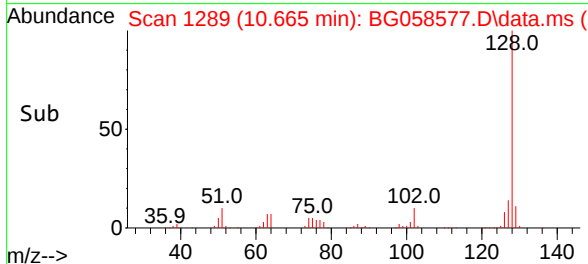
Tgt Ion:128 Resp: 611099
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

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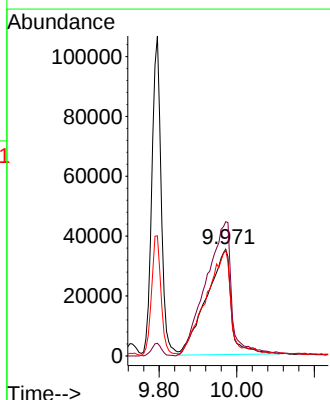
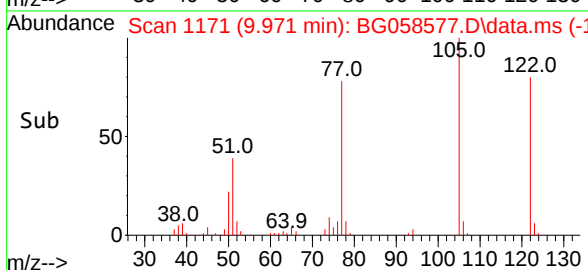
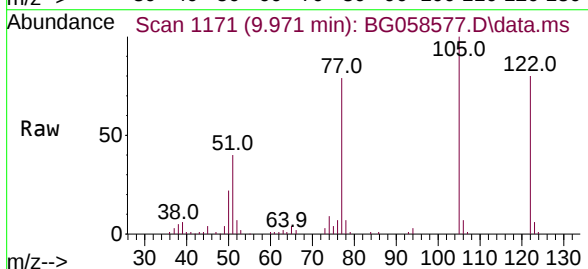
08/03/2023
Supervised By :mohammad
ahmed

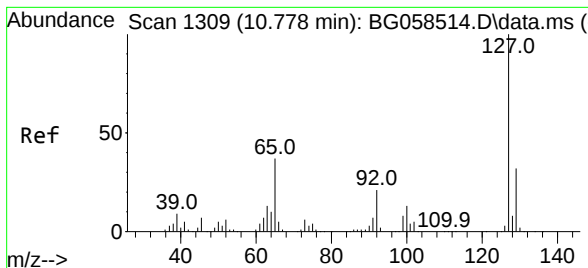
08/03/2023



#32
Benzoic acid
Concen: 56.456 ng
RT: 9.971 min Scan# 1171
Delta R.T. 0.021 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

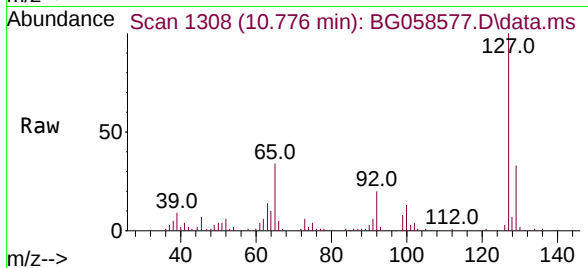
Tgt Ion:122 Resp: 158066
Ion Ratio Lower Upper
122 100
105 125.7 106.5 146.5
77 98.9 78.1 118.1





#33
4-Chloroaniline
Concen: 15.806 ng
RT: 10.776 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



Tgt Ion:127 Resp: 8505

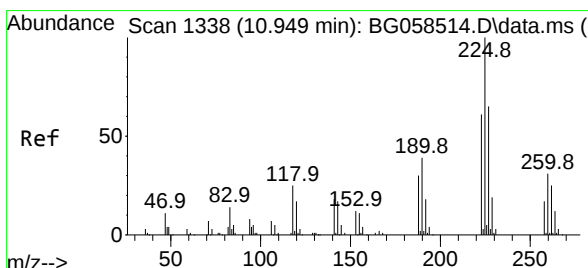
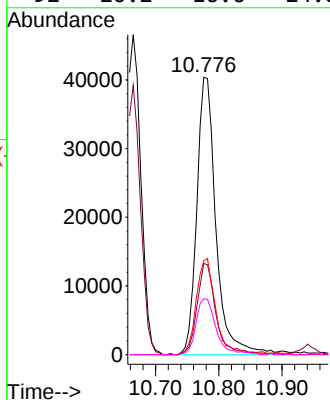
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	33.9	29.5	44.3
92	20.2	16.6	24.8

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Patel

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Supervised By :mohammad
ahmed

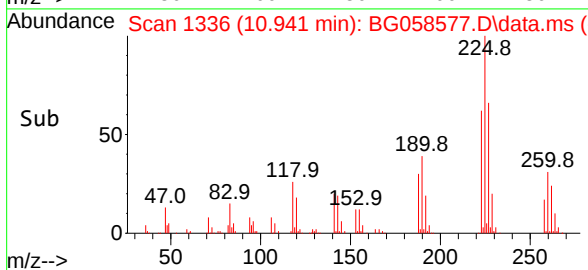
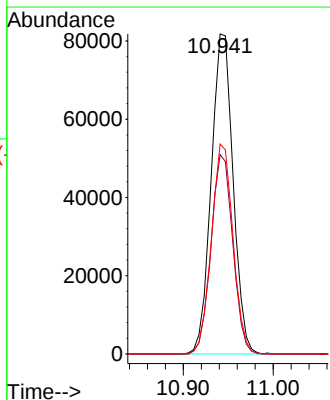
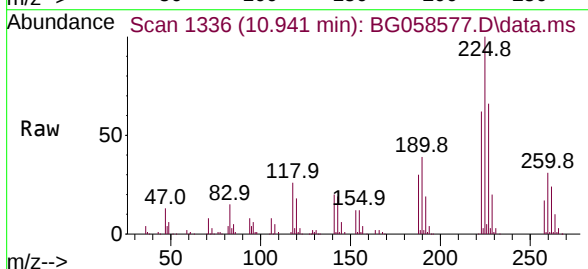
08/03/2023

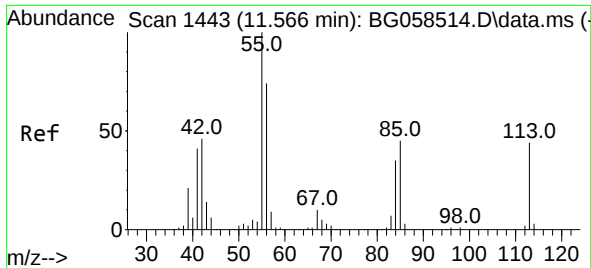


#34
Hexachlorobutadiene
Concen: 49.673 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:225 Resp: 138305

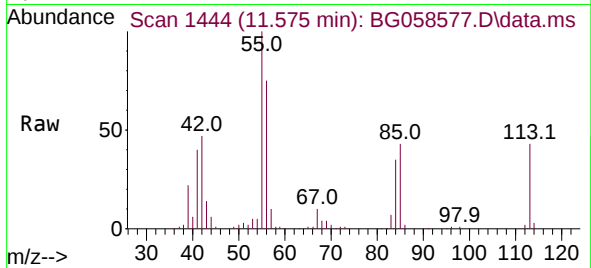
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.0	73.6
227	65.6	51.7	77.5





#35
Caprolactam
Concen: 47.649 ng m
RT: 11.575 min Scan# 1444
Delta R.T. 0.010 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



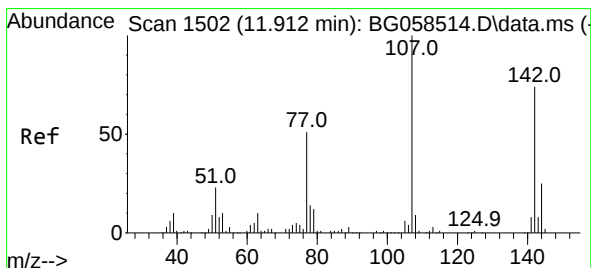
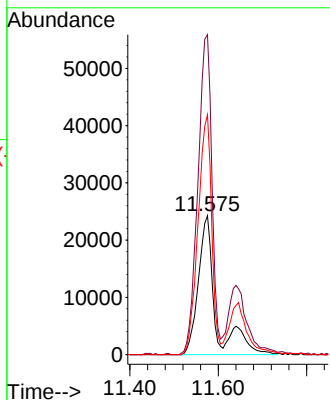
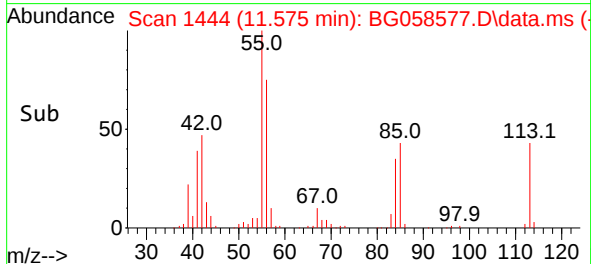
Tgt Ion:113 Resp: 65966
Ion Ratio Lower Upper
113 100
55 230.2 208.0 248.0
56 172.6 148.6 188.6

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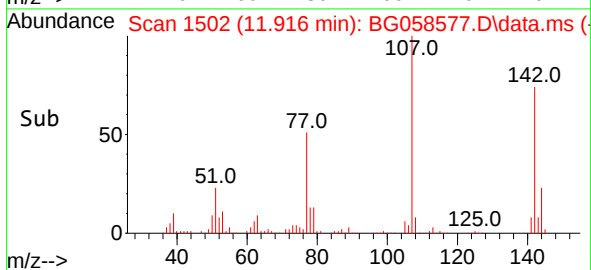
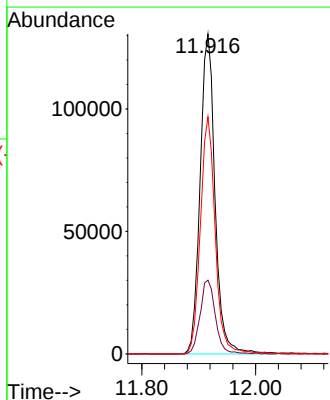
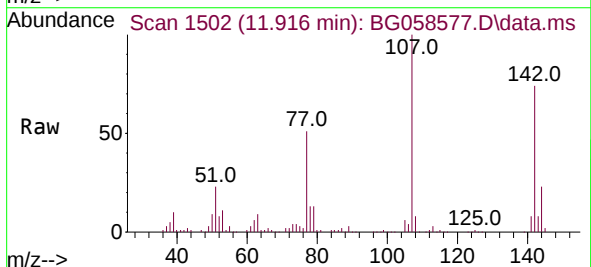
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Supervised By :mohammad
ahmed

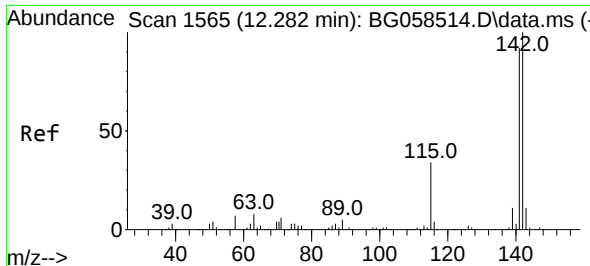
08/03/2023



#36
4-Chloro-3-methylphenol
Concen: 51.175 ng
RT: 11.916 min Scan# 1502
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:107 Resp: 237328
Ion Ratio Lower Upper
107 100
144 23.0 19.6 29.4
142 74.1 59.3 88.9





#37

2-Methylnaphthalene

Concen: 45.750 ng

RT: 12.280 min Scan# 1565

Delta R.T. -0.002 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MSD

Tgt Ion:142 Resp: 416793
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.5 110.3
 115 36.3 27.4 41.0

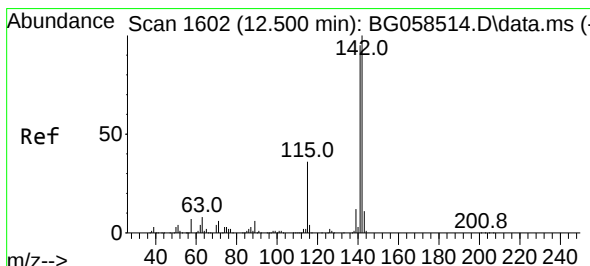
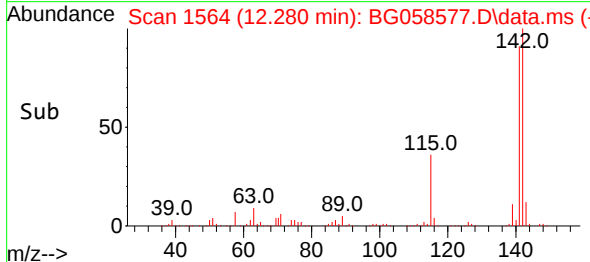
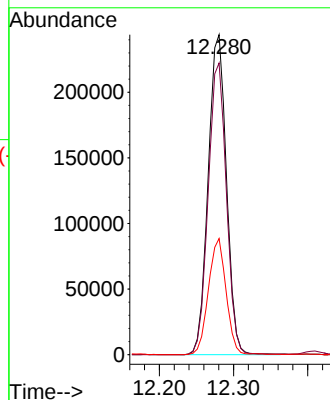
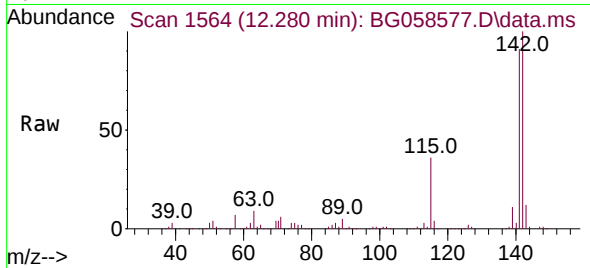
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 Patel

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 ahmed

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#38

1-Methylnaphthalene

Concen: 47.039 ng

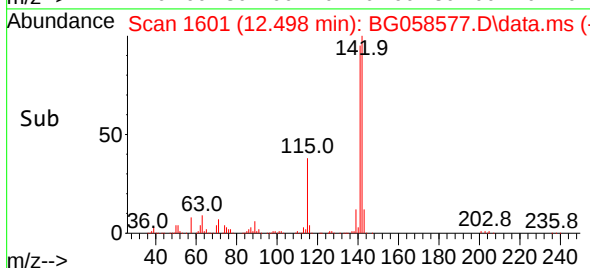
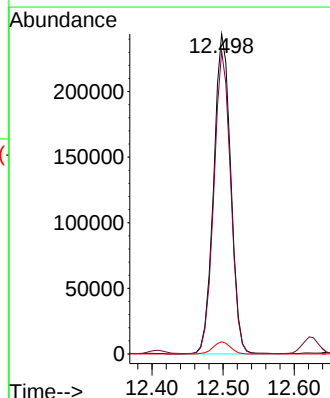
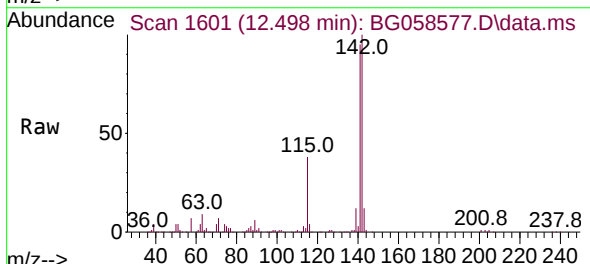
RT: 12.498 min Scan# 1601

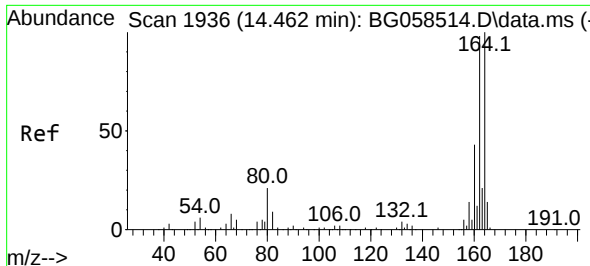
Delta R.T. -0.002 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

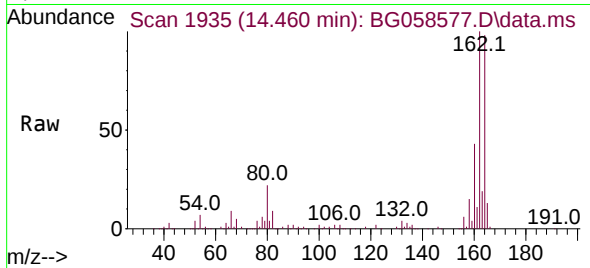
Tgt Ion:142 Resp: 407354
 Ion Ratio Lower Upper
 142 100
 141 94.6 75.7 113.5
 116 3.8 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



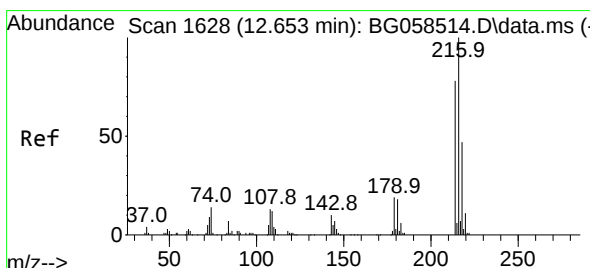
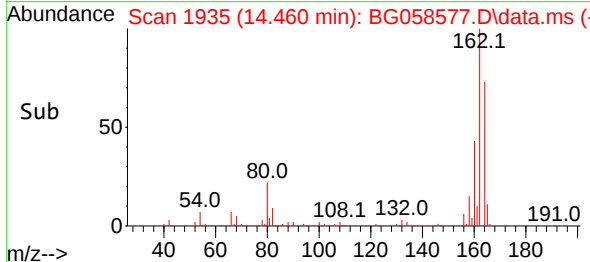
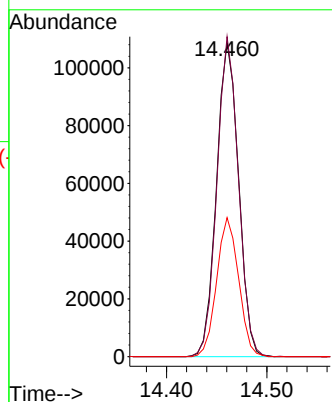
Tgt Ion:164 Resp: 166482
Ion Ratio Lower Upper
164 100
162 101.9 78.3 117.5
160 44.3 34.1 51.1

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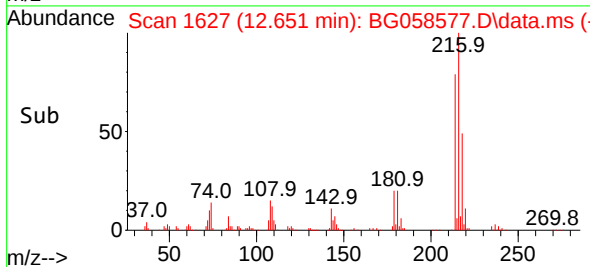
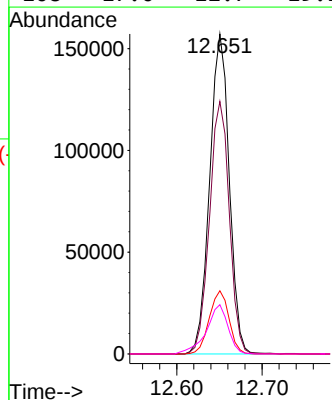
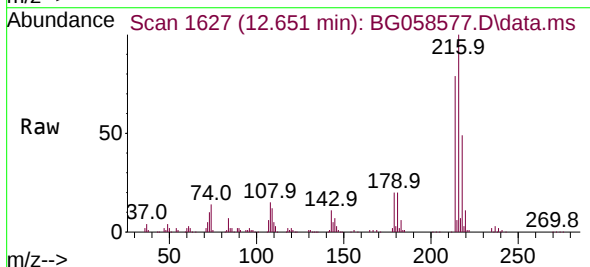
08/03/2023
Supervised By :mohammad
ahmed

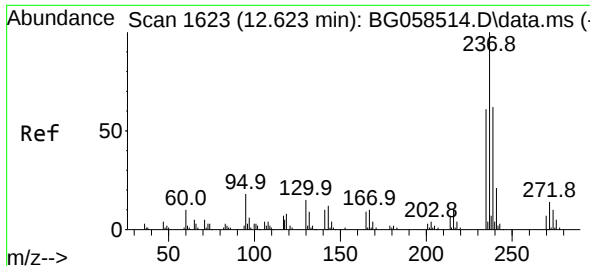
08/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.017 ng
RT: 12.651 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

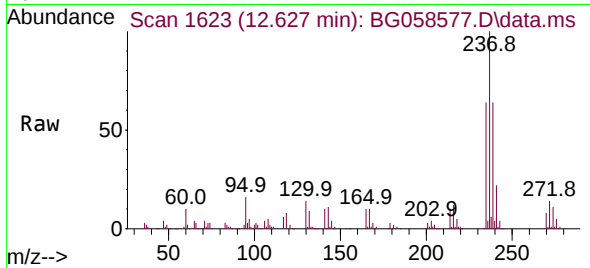
Tgt Ion:216 Resp: 250533
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 19.8 15.6 23.4
108 17.0 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 87.554 ng
RT: 12.627 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



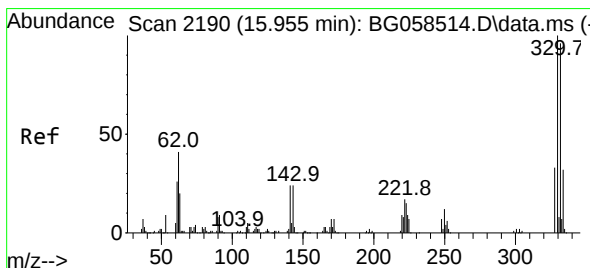
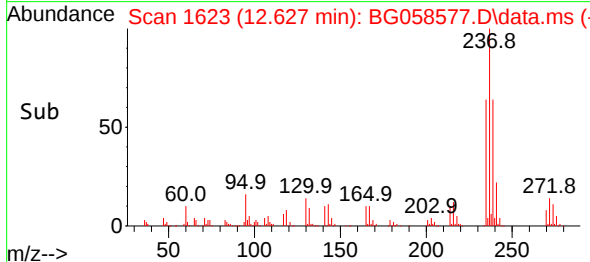
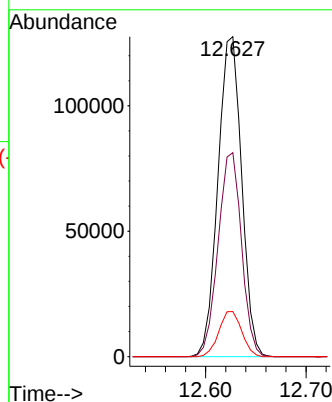
Tgt Ion:237 Resp: 209521
Ion Ratio Lower Upper
237 100
235 63.7 41.0 81.0
272 14.1 0.0 33.6

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Reviewed By :Yogesh
Patel

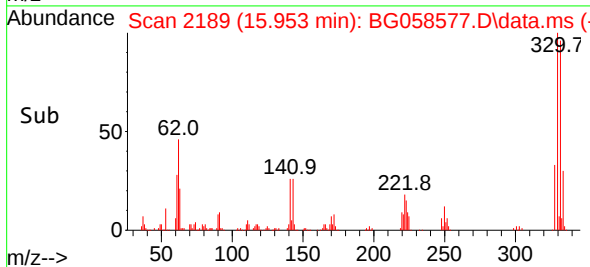
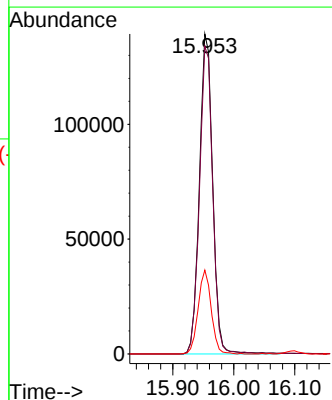
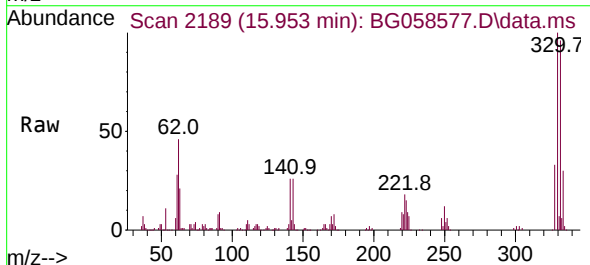
08/03/2023
Supervised By :mohammad
ahmed

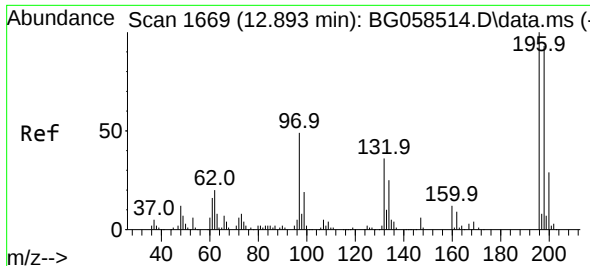
08/03/2023



#42
2,4,6-Tribromophenol
Concen: 77.009 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

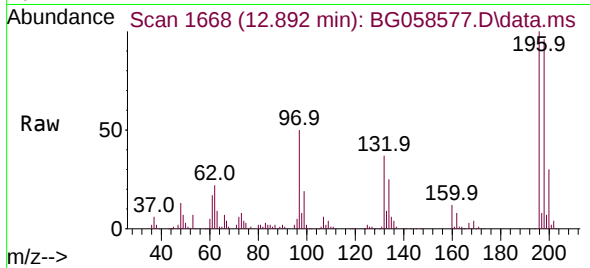
Tgt Ion:330 Resp: 210140
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 25.8 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 51.547 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



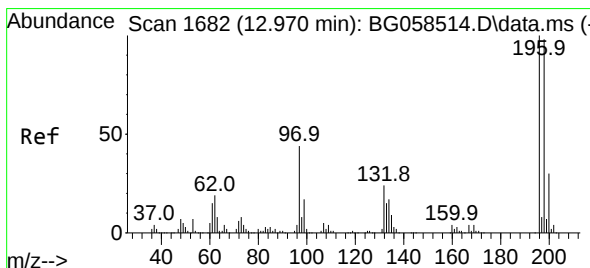
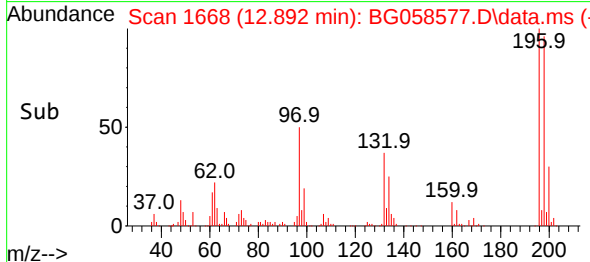
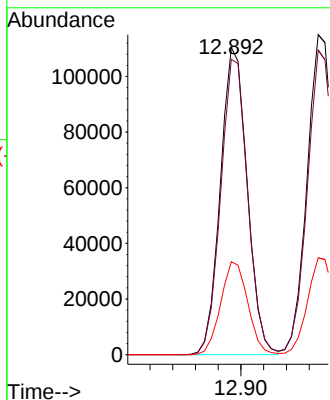
Tgt Ion:196 Resp: 181216
Ion Ratio Lower Upper
196 100
198 96.1 74.2 111.4
200 30.2 22.9 34.3

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Reviewed By :Yogesh
Patel

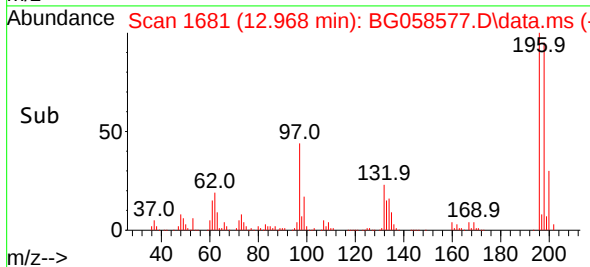
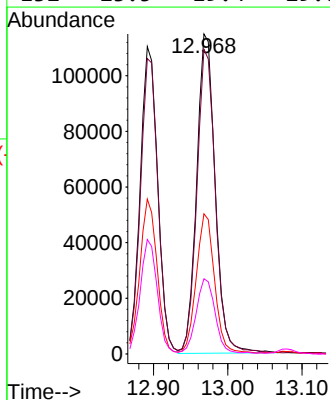
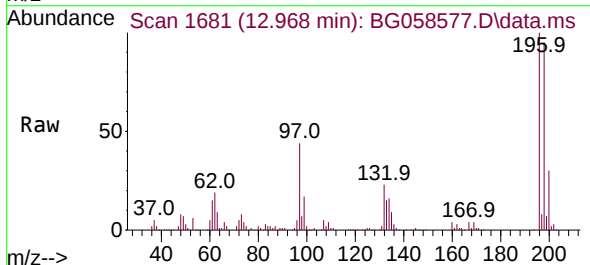
08/03/2023
Supervised By :mohammad
ahmed

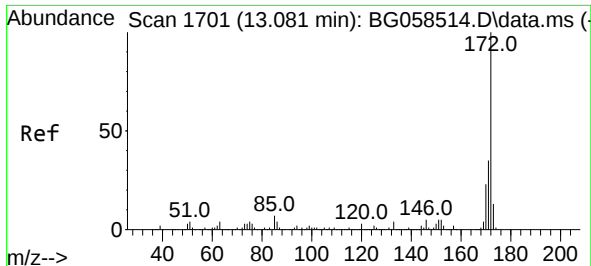
08/03/2023



#44
2,4,5-Trichlorophenol
Concen: 48.111 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:196 Resp: 199217
Ion Ratio Lower Upper
196 100
198 95.2 78.3 117.5
97 43.8 35.2 52.8
132 23.5 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 53.378 ng

RT: 13.080 min Scan# 1701

Delta R.T. -0.002 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MSD

Tgt Ion:172 Resp: 592983
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.0 42.0
 170 23.5 18.4 27.6

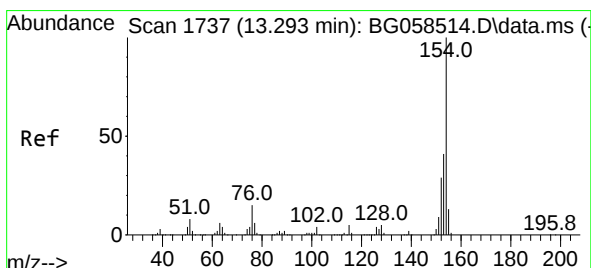
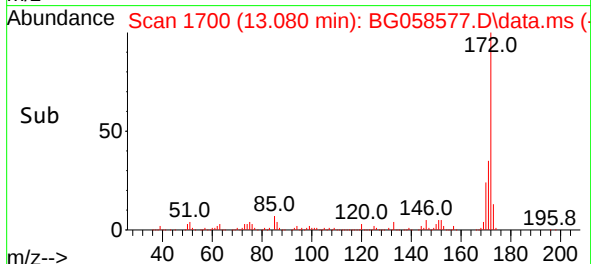
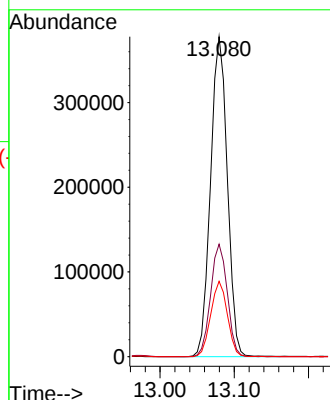
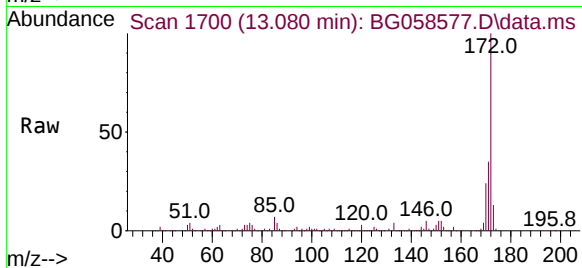
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/03/2023

Supervised By :mohammad
 ahmed

08/03/2023



#46

1,1'-Biphenyl

Concen: 48.150 ng

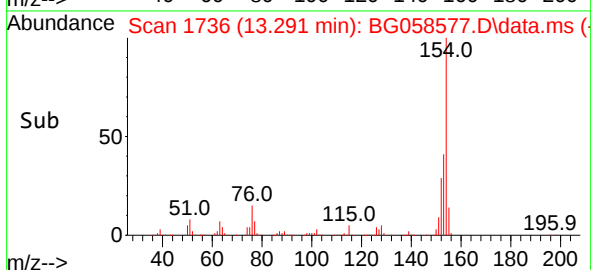
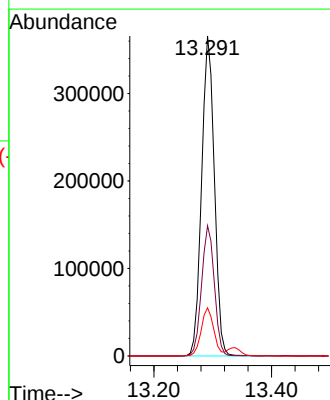
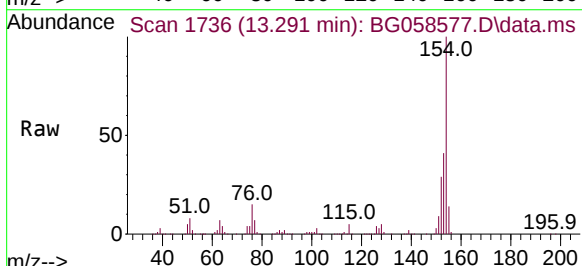
RT: 13.291 min Scan# 1736

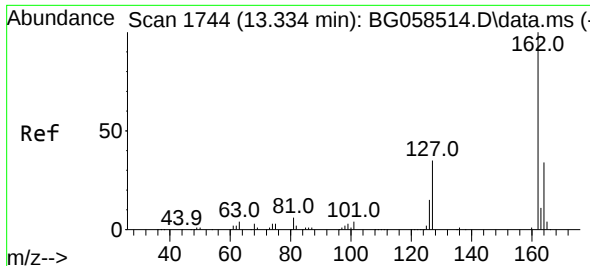
Delta R.T. -0.002 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

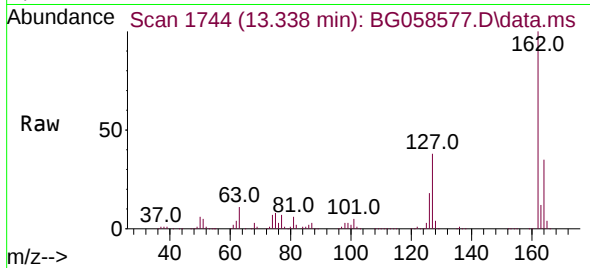
Tgt Ion:154 Resp: 550504
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 15.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 50.148 ng
RT: 13.338 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



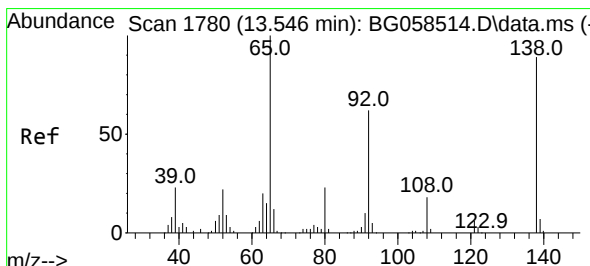
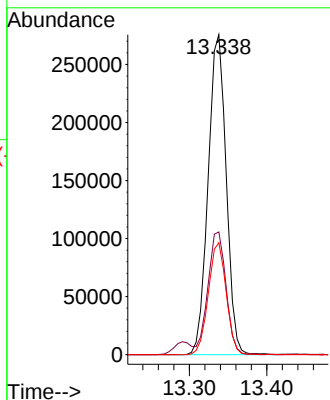
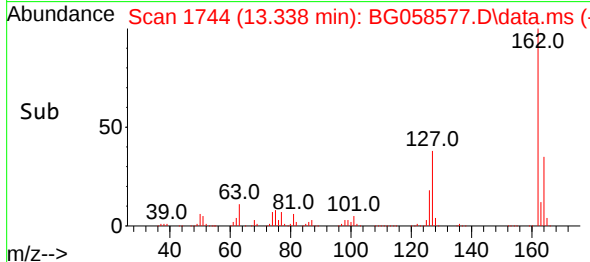
Tgt Ion:162 Resp: 44704
Ion Ratio Lower Upper
162 100
127 38.3 30.9 46.3
164 35.0 27.2 40.8

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Reviewed By :Yogesh
Patel

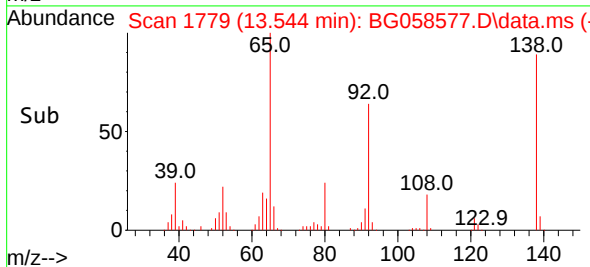
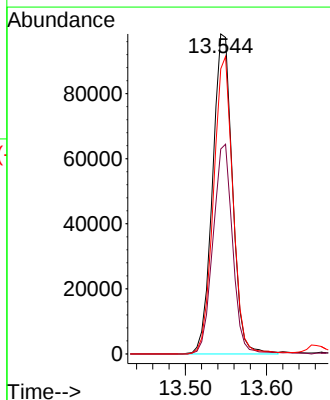
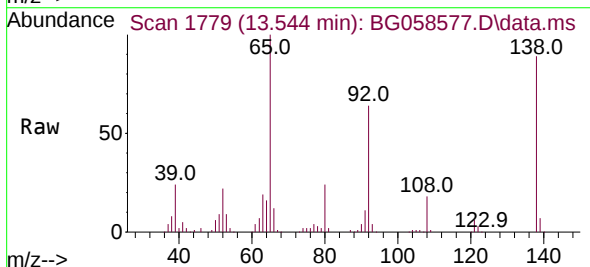
08/03/2023
Supervised By :mohammad
ahmed

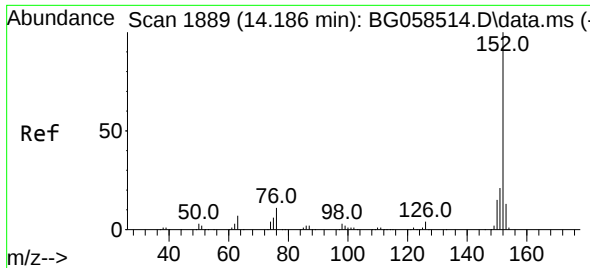
08/03/2023



#48
2-Nitroaniline
Concen: 49.028 ng
RT: 13.544 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

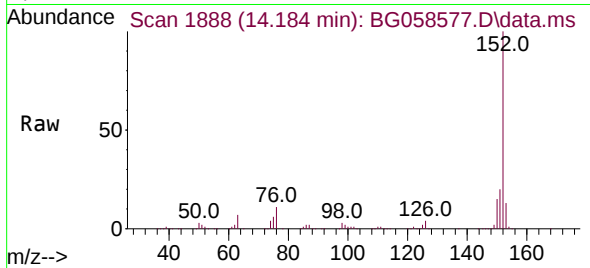
Tgt Ion: 65 Resp: 166821
Ion Ratio Lower Upper
65 100
92 64.0 49.2 73.8
138 89.1 71.5 107.3





#49
Acenaphthylene
Concen: 48.926 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



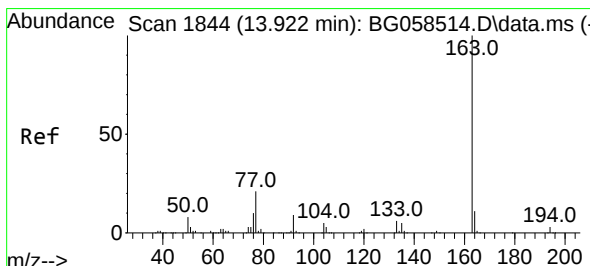
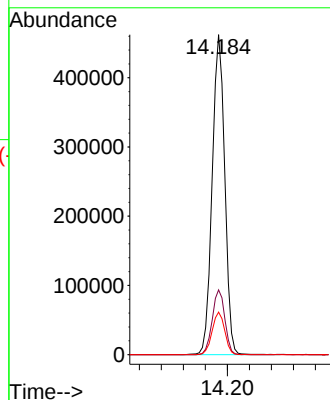
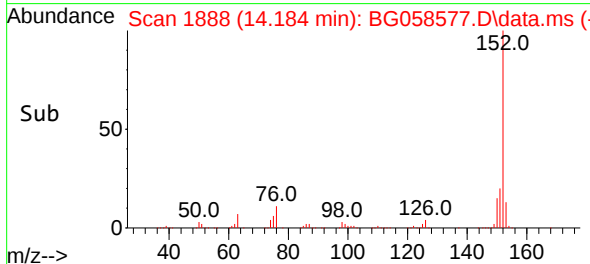
Tgt Ion:152 Resp: 730221
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.3 10.7 16.1

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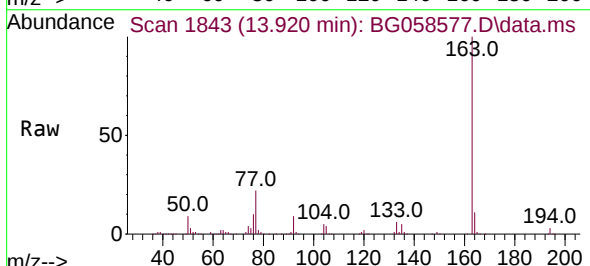
Reviewed By :Yogesh
Patel

08/03/2023
Supervised By :mohammad
ahmed

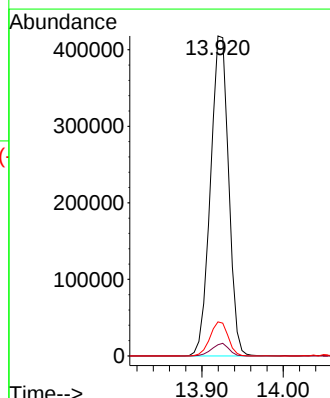
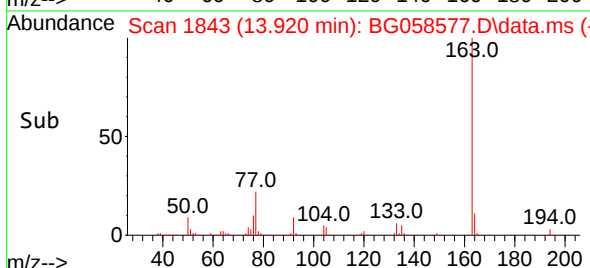
08/03/2023

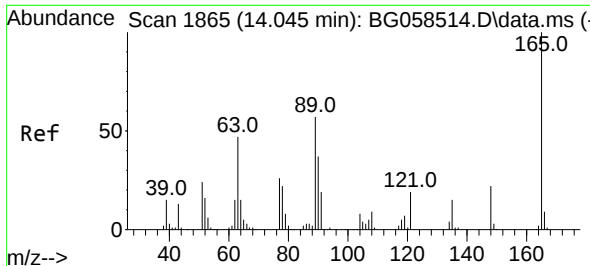


#50
Dimethylphthalate
Concen: 51.897 ng
RT: 13.920 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03



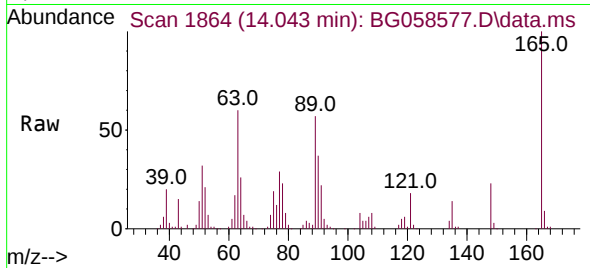
Tgt Ion:163 Resp: 648881
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.678 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



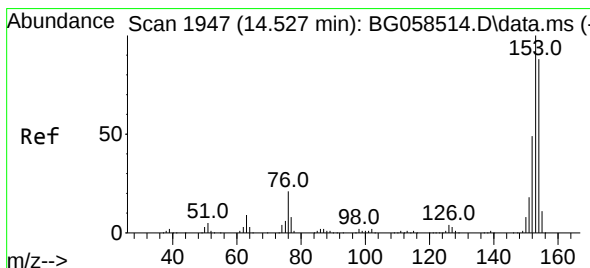
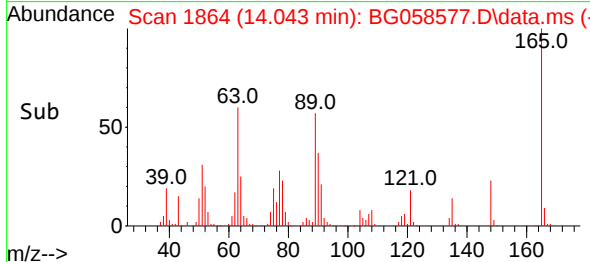
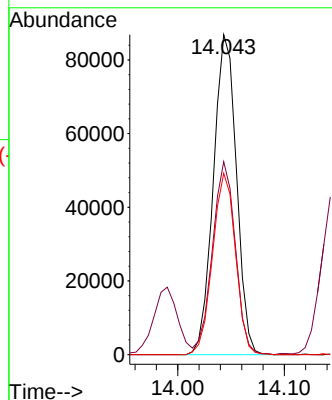
Tgt Ion:165 Resp: 130802
Ion Ratio Lower Upper
165 100
63 60.3 46.4 69.6
89 56.7 45.3 67.9

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Reviewed By :Yogesh
Patel

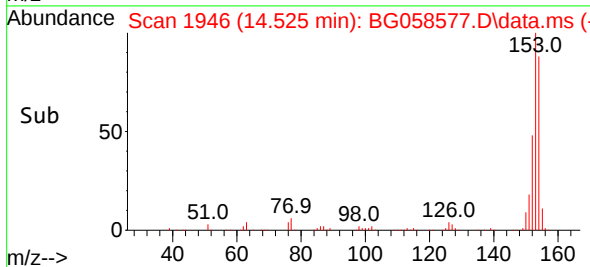
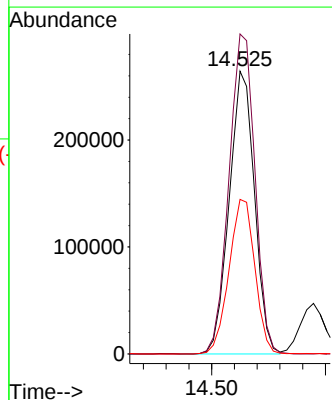
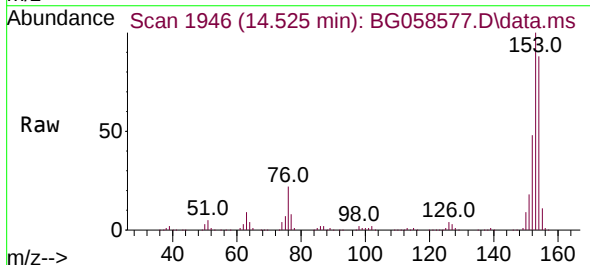
08/03/2023
Supervised By :mohammad
ahmed

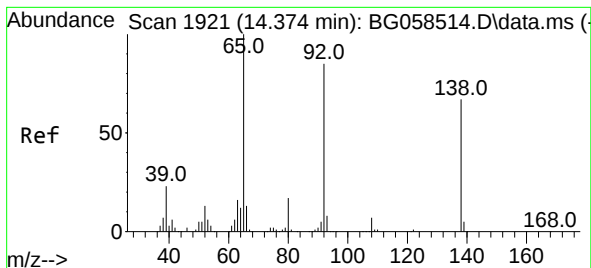
08/03/2023



#52
Acenaphthene
Concen: 47.382 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:154 Resp: 408614
Ion Ratio Lower Upper
154 100
153 113.2 91.1 136.7
152 54.7 44.6 66.8





#53
3-Nitroaniline
Concen: 33.324 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD

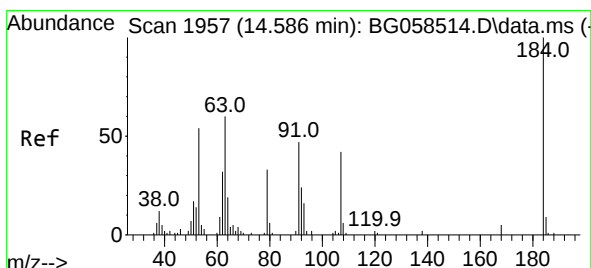
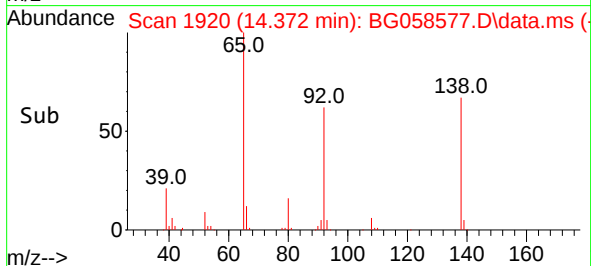
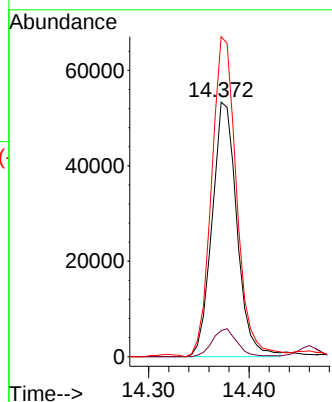
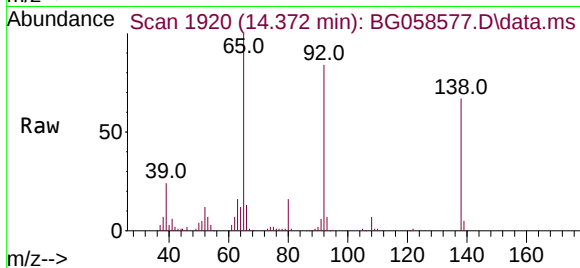
Tgt Ion:138 Resp: 91462
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 125.7 101.1 151.7

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Patel

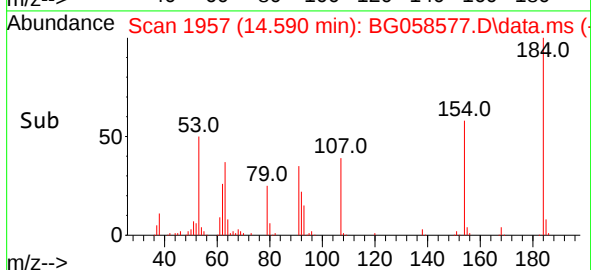
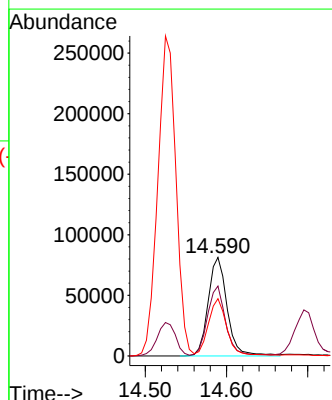
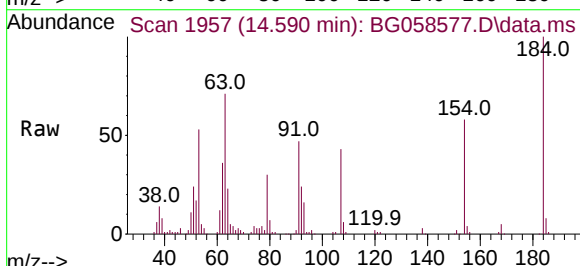
08/03/2023
Supervised By :mohammad
ahmed

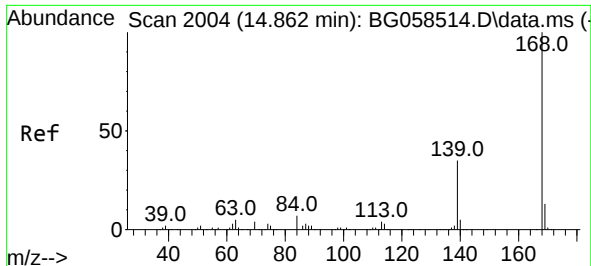
08/03/2023



#54
2,4-Dinitrophenol
Concen: 84.759 ng
RT: 14.590 min Scan# 1957
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

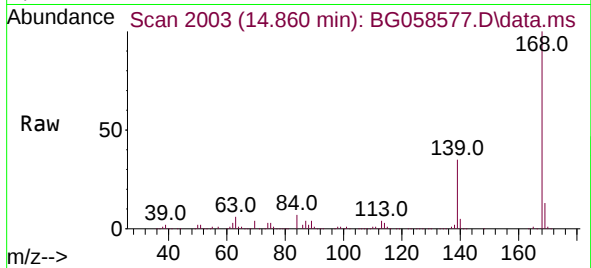
Tgt Ion:184 Resp: 131841
Ion Ratio Lower Upper
184 100
63 70.8 56.7 85.1
154 58.1 46.1 69.1





#55
Dibenzenofuran
Concen: 46.683 ng
RT: 14.860 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



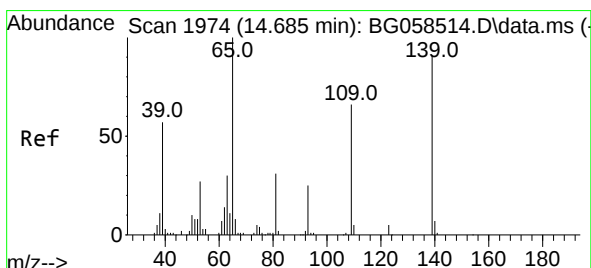
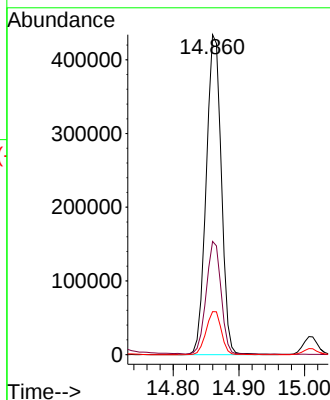
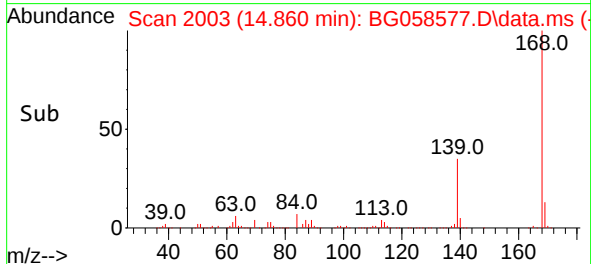
Tgt Ion:168 Resp: 691774
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 13.4 10.6 16.0

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Reviewed By :Yogesh
Patel

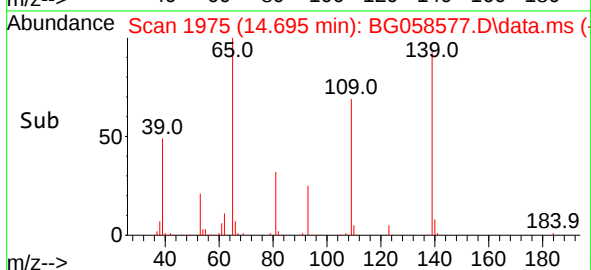
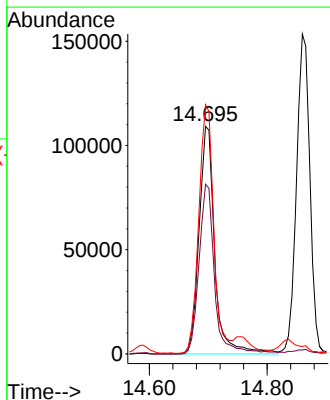
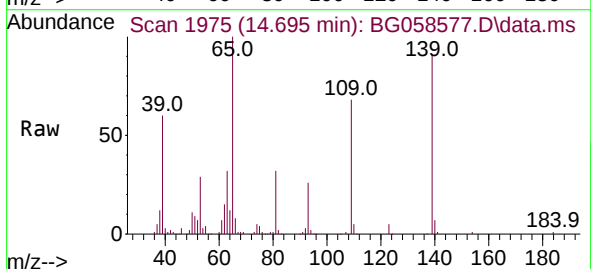
08/03/2023
Supervised By :mohammad
ahmed

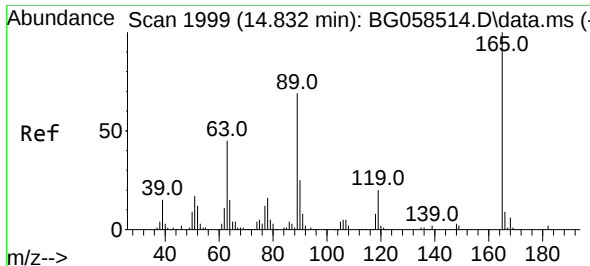
08/03/2023



#56
4-Nitrophenol
Concen: 98.174 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

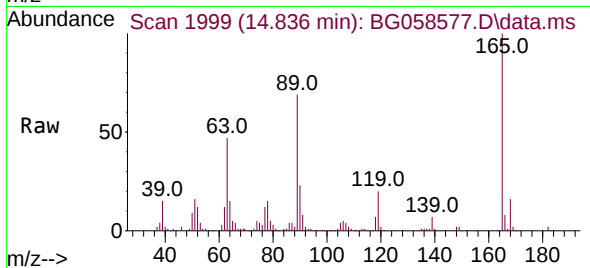
Tgt Ion:139 Resp: 201275
Ion Ratio Lower Upper
139 100
109 74.5 52.5 92.5
65 109.4 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 47.970 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



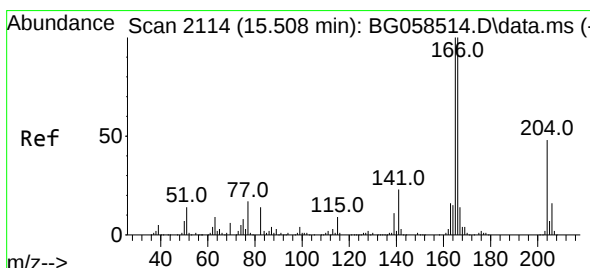
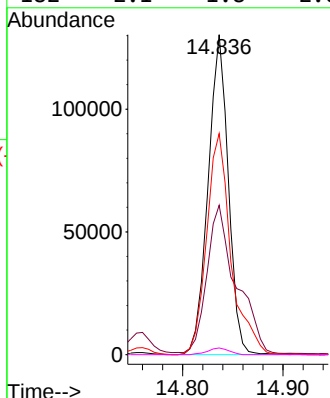
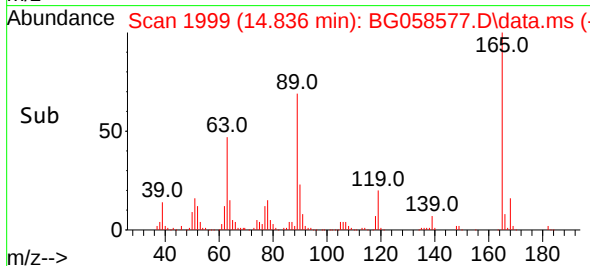
Tgt Ion:165 Resp: 182448
Ion Ratio Lower Upper
165 100
63 46.7 36.6 54.8
89 69.1 55.4 83.0
182 2.1 1.8 2.6

Manual Integrations
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Reviewed By :Yogesh
Patel

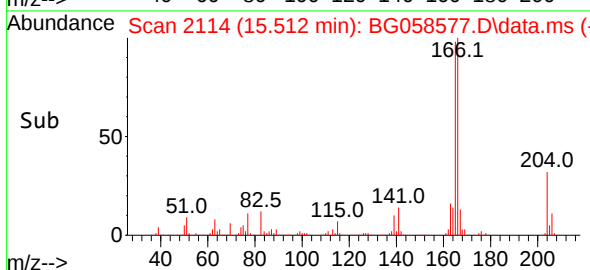
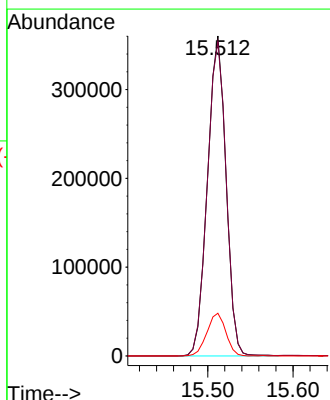
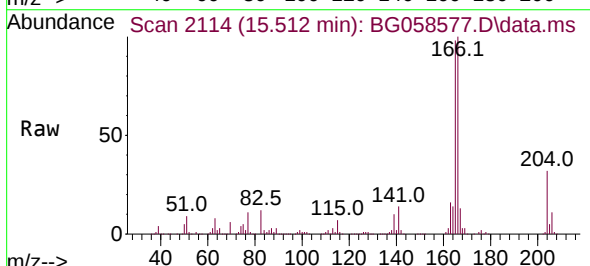
08/03/2023
Supervised By :mohammad
ahmed

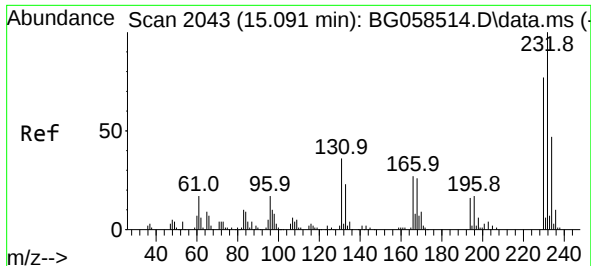
08/03/2023



#58
Fluorene
Concen: 46.144 ng
RT: 15.512 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

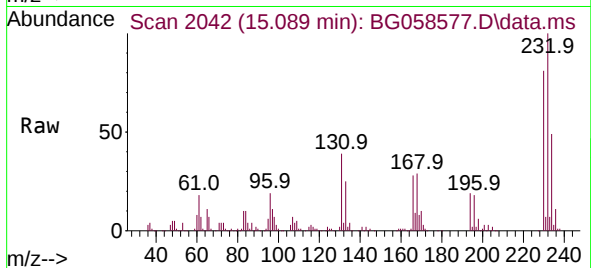
Tgt Ion:166 Resp: 543206
Ion Ratio Lower Upper
166 100
165 98.2 80.0 120.0
167 13.3 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.885 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



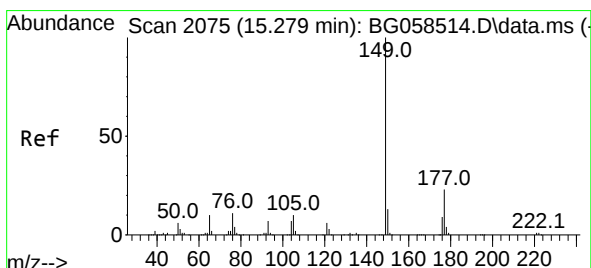
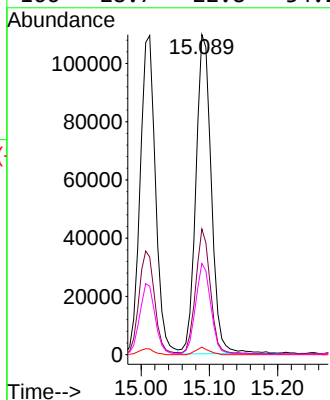
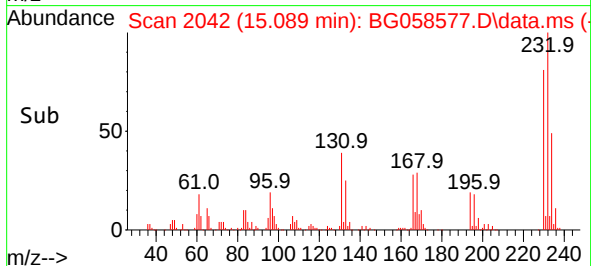
Tgt Ion:232 Resp: 172728
Ion Ratio Lower Upper
232 100
131 37.4 30.0 45.0
130 2.0 1.5 2.3
166 28.7 22.8 34.2

Manual Integrations
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Reviewed By :Yogesh
Patel

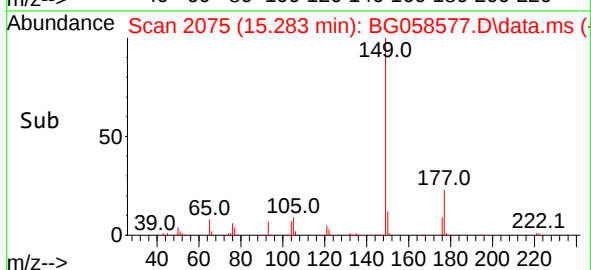
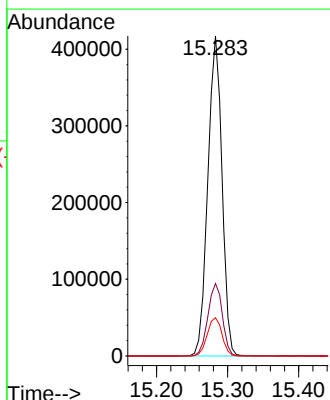
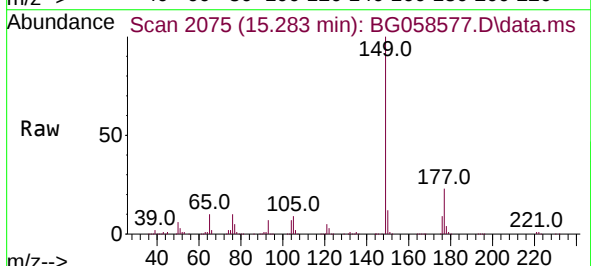
08/03/2023
Supervised By :mohammad
ahmed

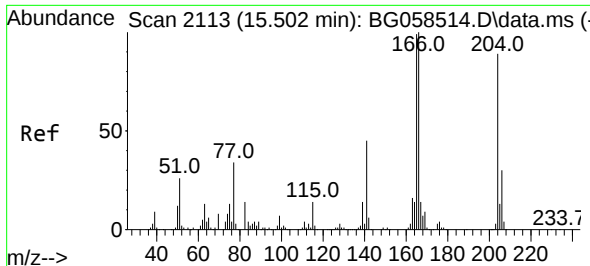
08/03/2023



#60
Diethylphthalate
Concen: 45.102 ng
RT: 15.283 min Scan# 2075
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

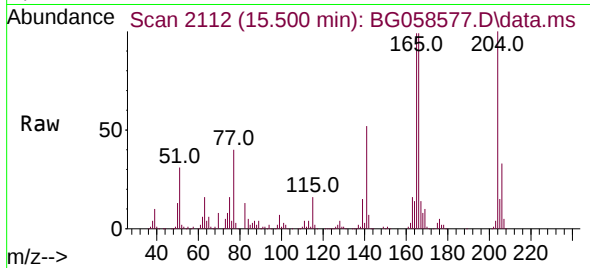
Tgt Ion:149 Resp: 574501
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



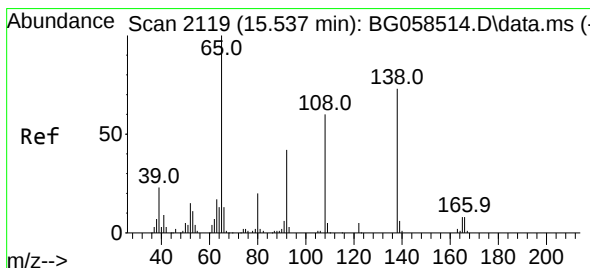
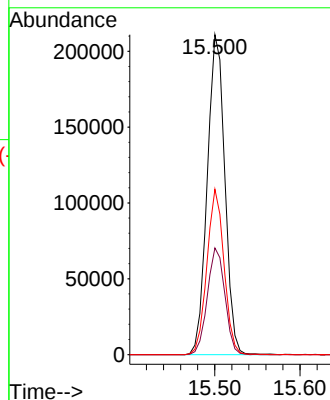
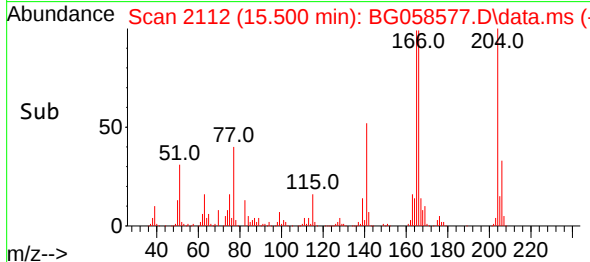
Tgt Ion:204 Resp: 301572
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 51.7 40.8 61.2

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Reviewed By :Yogesh
Patel

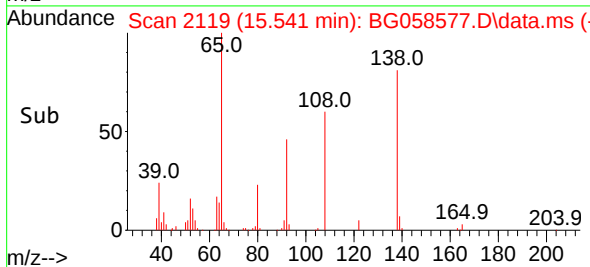
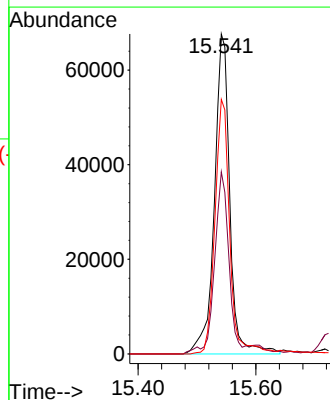
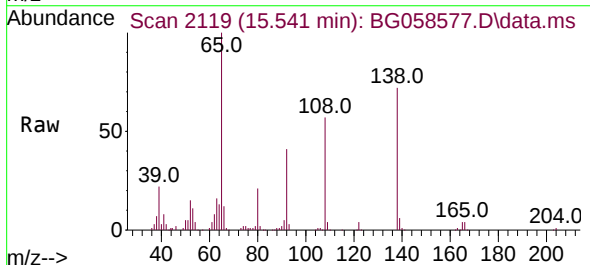
08/03/2023
Supervised By :mohammad
ahmed

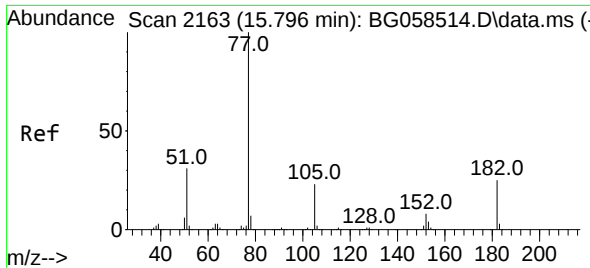
08/03/2023



#62
4-Nitroaniline
Concen: 47.171 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

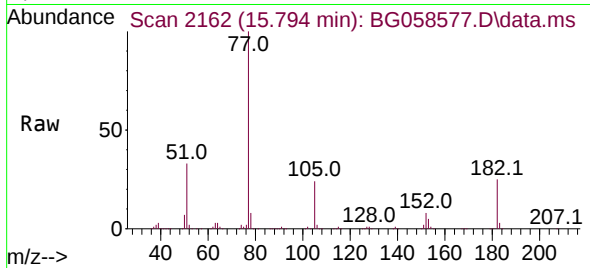
Tgt Ion:138 Resp: 122652
Ion Ratio Lower Upper
138 100
92 56.9 37.3 77.3
108 79.5 62.6 102.6





#63
Azobenzene
Concen: 45.923 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



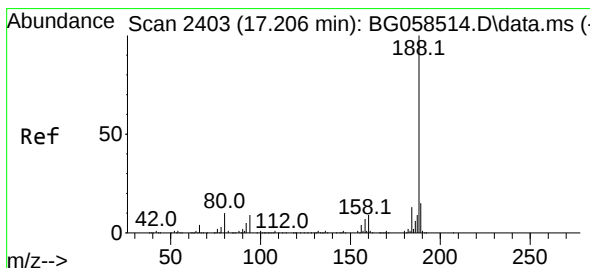
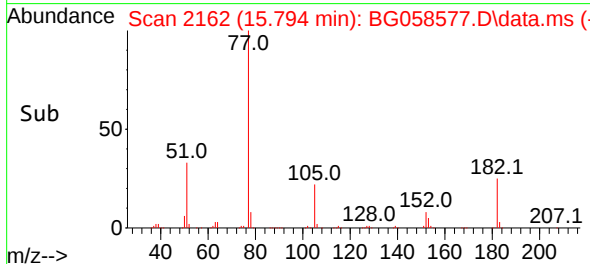
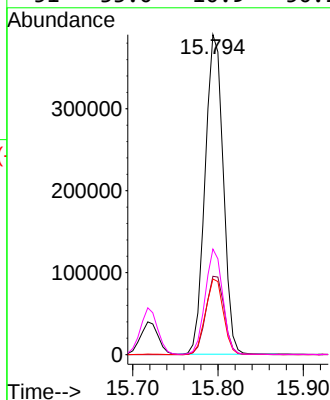
Tgt Ion: 77 Resp: 576156
Ion Ratio Lower Upper
77 100
182 24.5 4.6 44.6
105 23.6 3.3 43.3
51 33.0 10.9 50.9

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Reviewed By :Yogesh
Patel

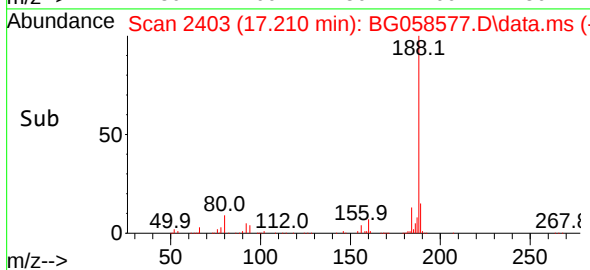
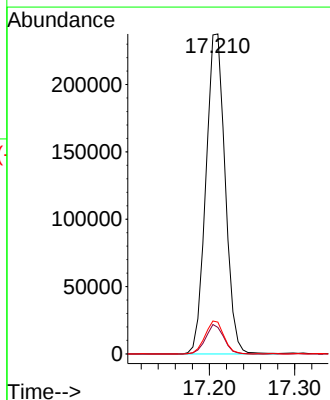
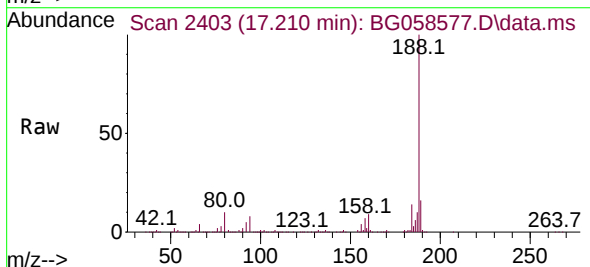
08/03/2023
Supervised By :mohammad
ahmed

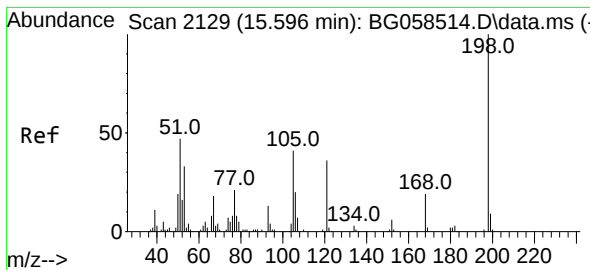
08/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2403
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

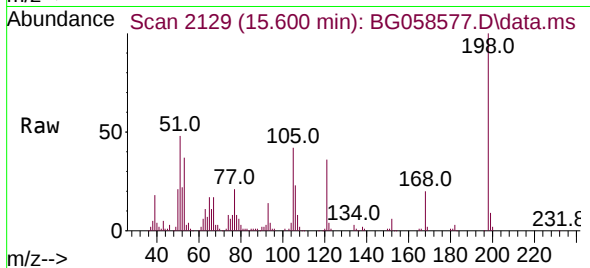
Tgt Ion:188 Resp: 371200
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.9 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.776 ng
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



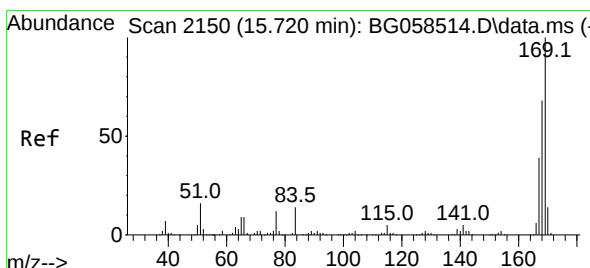
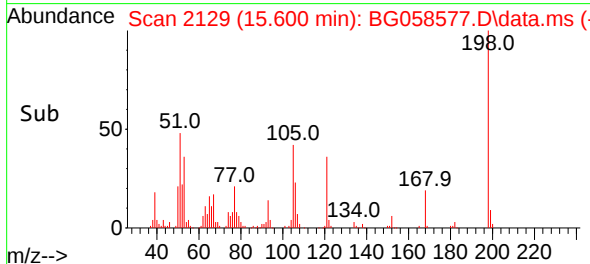
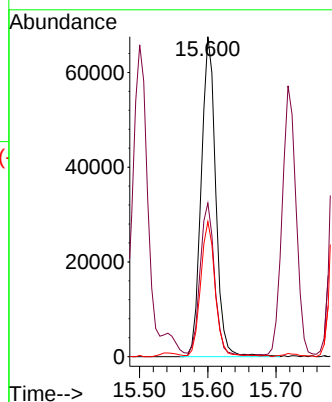
Tgt Ion:198 Resp: 99832
Ion Ratio Lower Upper
198 100
51 48.0 29.3 69.3
105 42.2 21.0 61.0

Manual Integrations
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Reviewed By :Yogesh
Patel

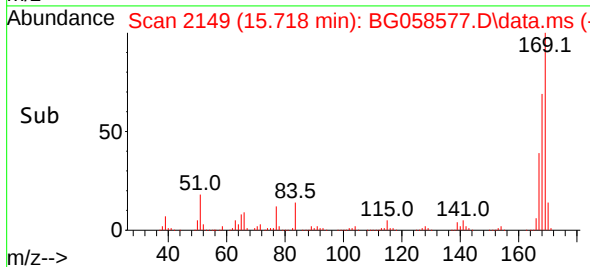
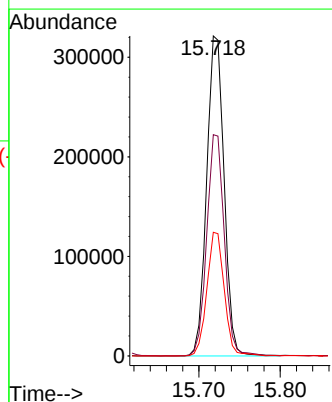
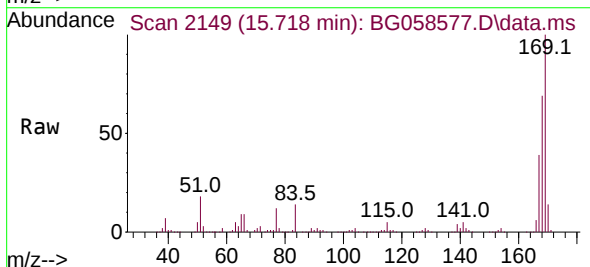
08/03/2023
Supervised By :mohammad
ahmed

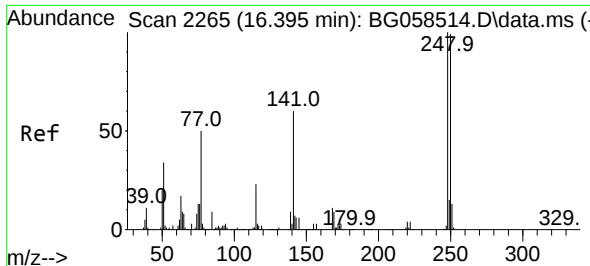
08/03/2023



#66
n-Nitrosodiphenylamine
Concen: 49.611 ng
RT: 15.718 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

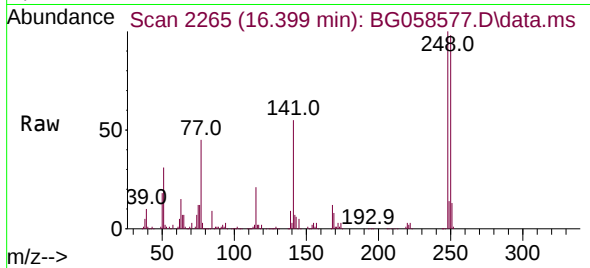
Tgt Ion:169 Resp: 479309
Ion Ratio Lower Upper
169 100
168 69.1 54.6 82.0
167 38.6 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 49.069 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



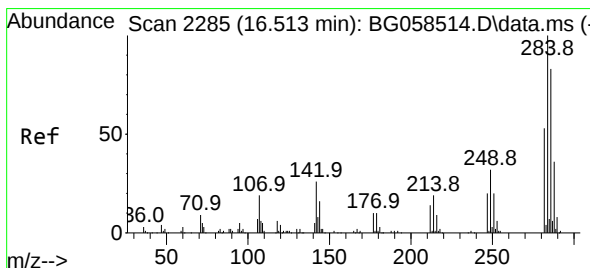
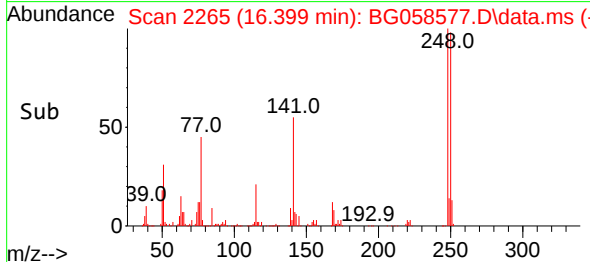
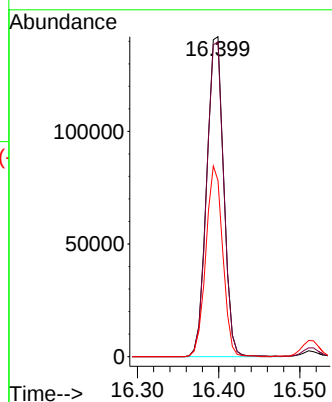
Tgt Ion:248 Resp: 206592
Ion Ratio Lower Upper
248 100
250 98.4 79.5 119.3
141 55.1 48.2 72.2

Manual Integrations
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Reviewed By :Yogesh
Patel

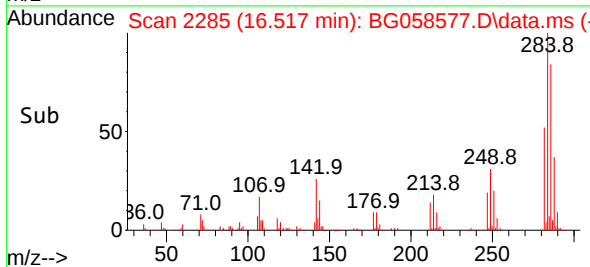
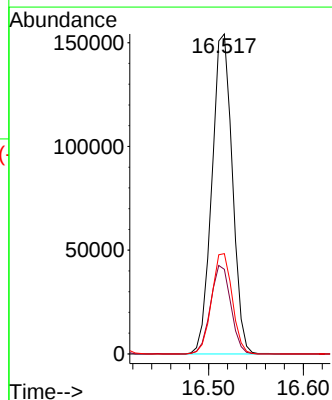
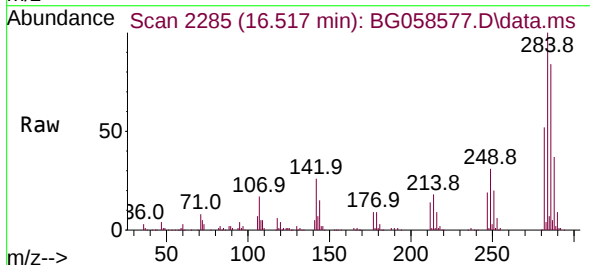
08/03/2023
Supervised By :mohammad
ahmed

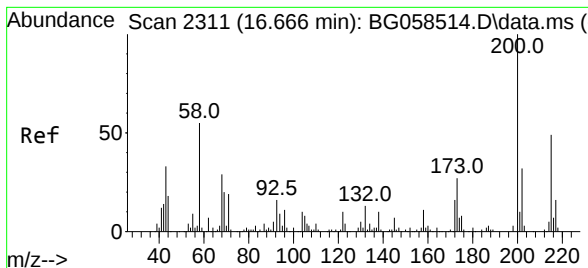
08/03/2023



#68
Hexachlorobenzene
Concen: 51.639 ng
RT: 16.517 min Scan# 2285
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:284 Resp: 230380
Ion Ratio Lower Upper
284 100
142 26.4 21.0 31.4
249 31.3 25.5 38.3





#69

Atrazine

Concen: 58.451 ng

RT: 16.669 min Scan# 2311

Delta R.T. 0.004 min

Lab File: BG058577.D

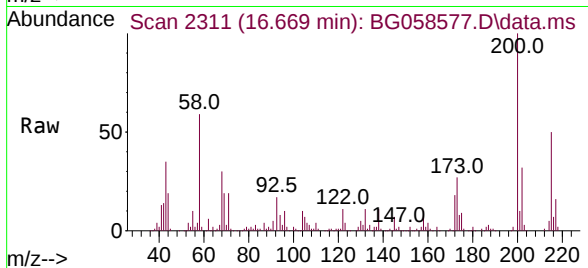
Acq: 2 Aug 2023 14:03

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MSD



Tgt Ion:200	Resp: 190634
Ion Ratio	Lower Upper
200 100	
173 27.5	6.5 46.5
215 49.7	28.9 68.9

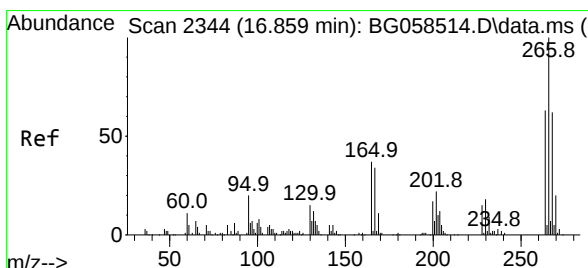
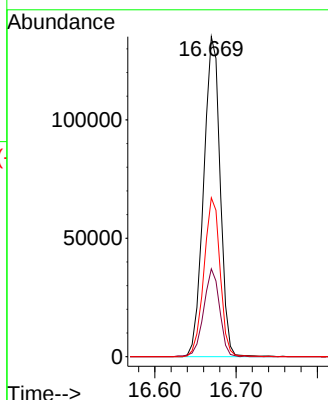
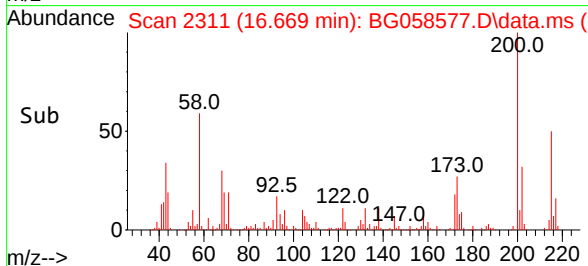
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/03/2023

Supervised By :mohammad
ahmed

08/03/2023



#70

Pentachlorophenol

Concen: 90.940 ng

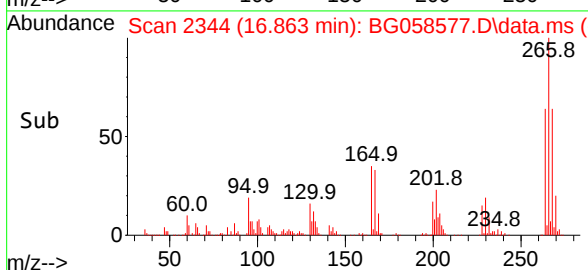
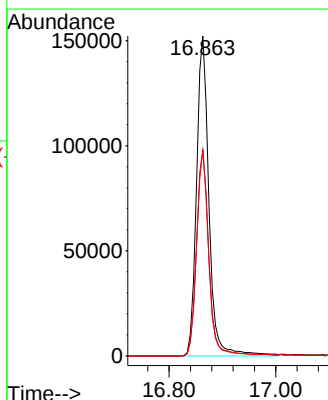
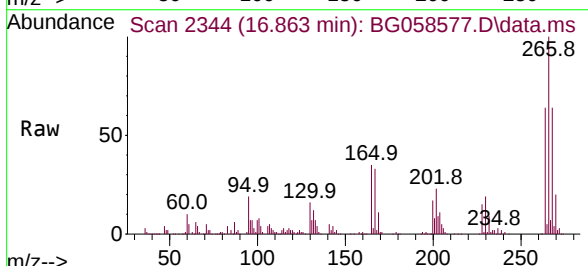
RT: 16.863 min Scan# 2344

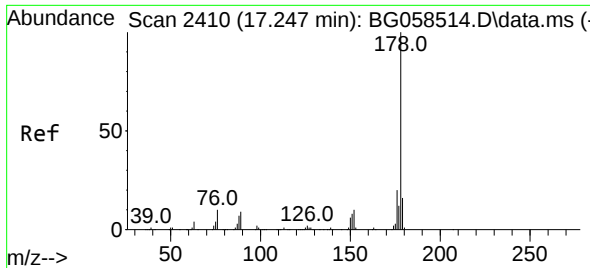
Delta R.T. 0.004 min

Lab File: BG058577.D

Acq: 2 Aug 2023 14:03

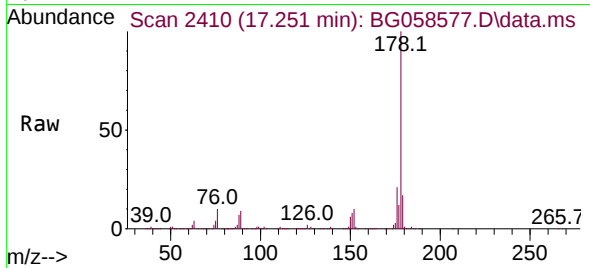
Tgt Ion:266	Resp: 245572
Ion Ratio	Lower Upper
266 100	
268 64.4	49.9 74.9
264 64.3	50.2 75.4





#71
Phenanthrene
Concen: 47.730 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



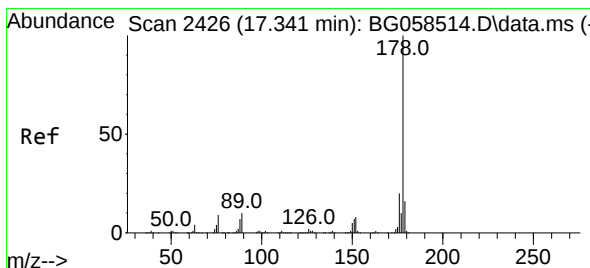
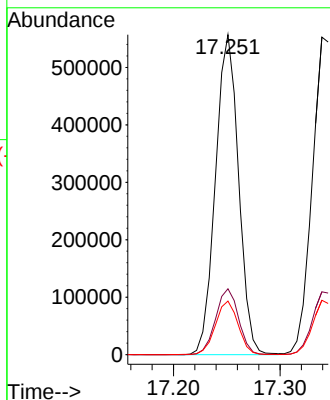
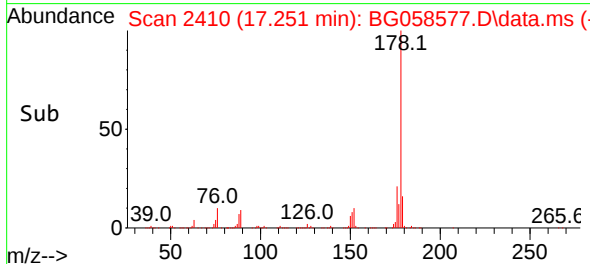
Tgt Ion:178 Resp: 840231
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.7 13.1 19.7

Manual Integrations
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Reviewed By :Yogesh
Patel

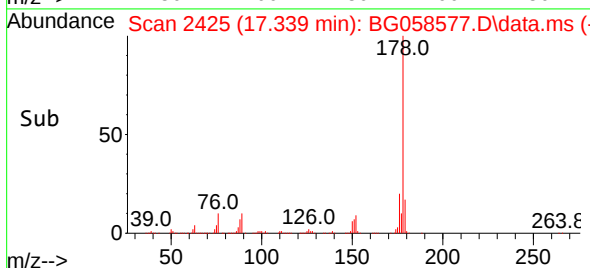
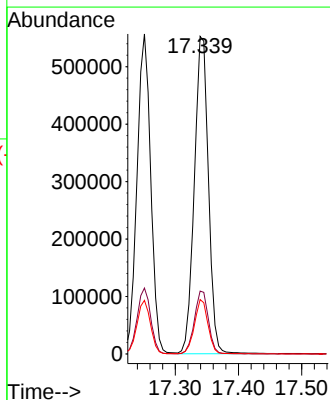
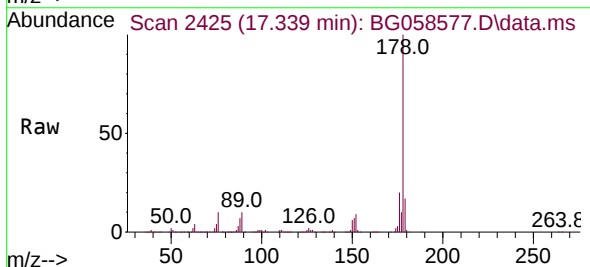
08/03/2023
Supervised By :mohammad
ahmed

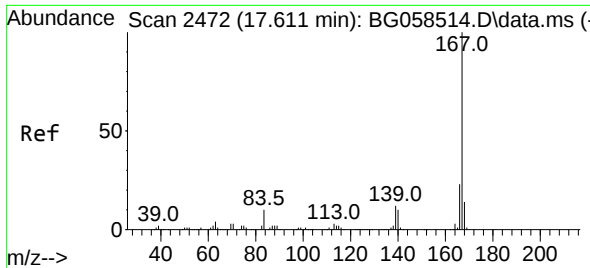
08/03/2023



#72
Anthracene
Concen: 47.511 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

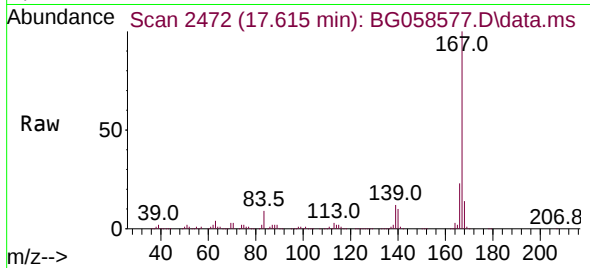
Tgt Ion:178 Resp: 858186
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 17.1 12.9 19.3





#73
 Carbazole
 Concen: 49.667 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058577.D
 Acq: 2 Aug 2023 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MSD



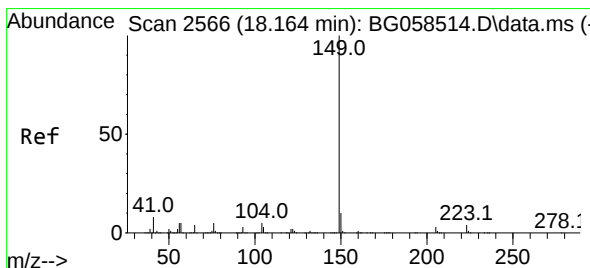
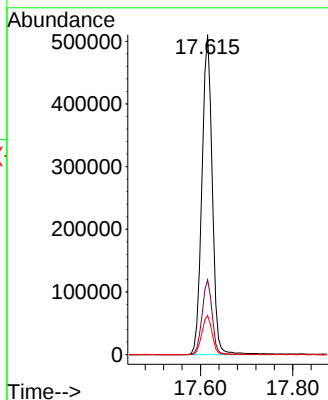
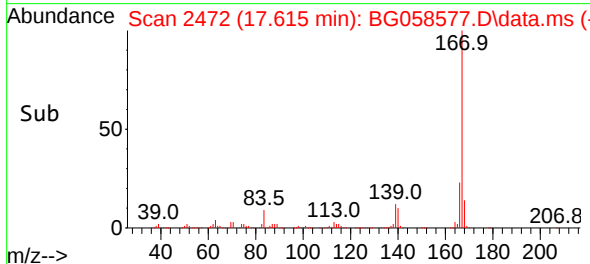
Tgt Ion:167 Resp: 791116
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 12.2 10.0 15.0

Manual Integrations
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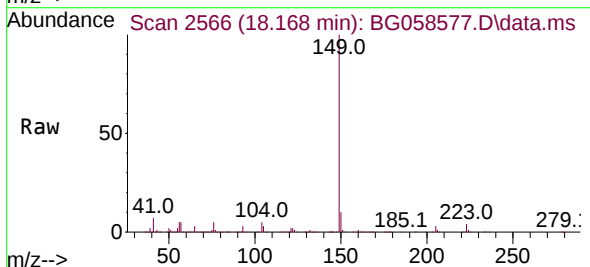
Reviewed By :Yogesh
 Patel

08/03/2023
 Supervised By :mohammad
 ahmed

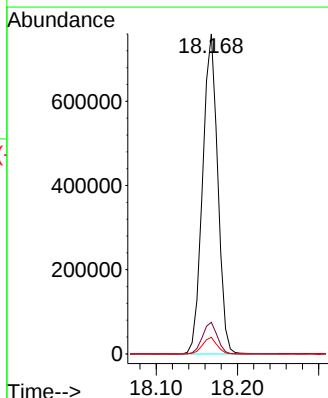
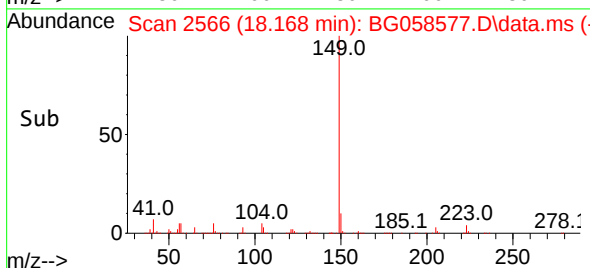
08/03/2023

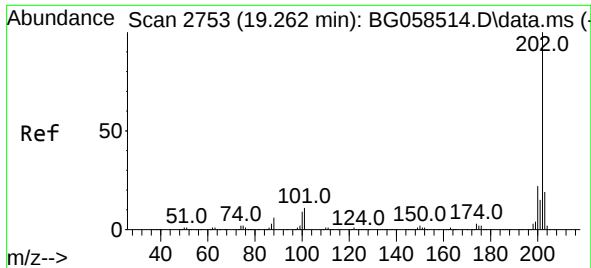


#74
 Di-n-butylphthalate
 Concen: 49.378 ng
 RT: 18.168 min Scan# 2566
 Delta R.T. 0.004 min
 Lab File: BG058577.D
 Acq: 2 Aug 2023 14:03



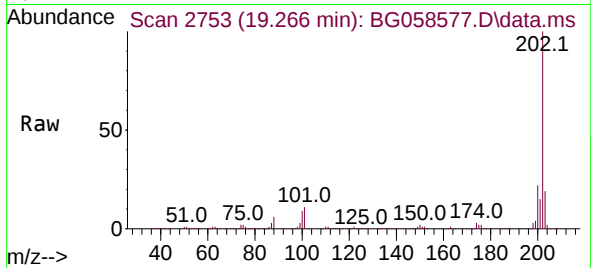
Tgt Ion:149 Resp: 985160
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 47.553 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



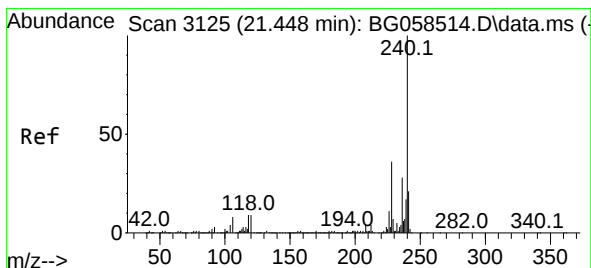
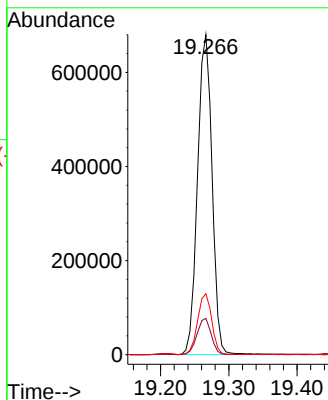
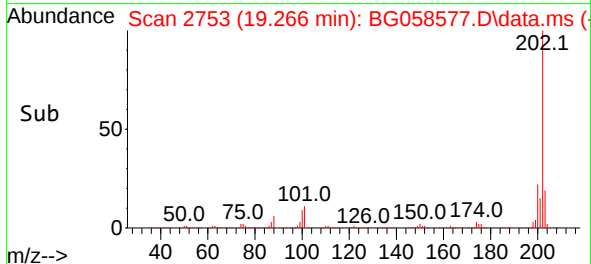
Tgt Ion:202 Resp: 100556
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 19.0 0.0 39.0

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Reviewed By :Yogesh
Patel

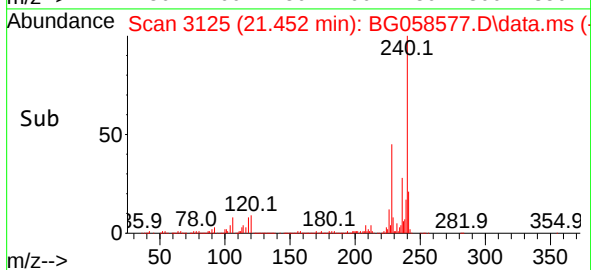
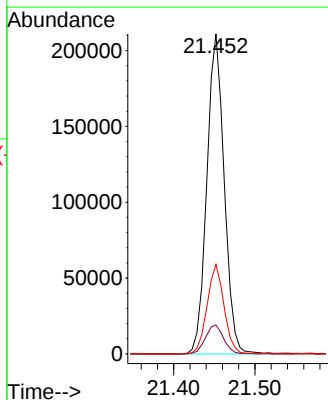
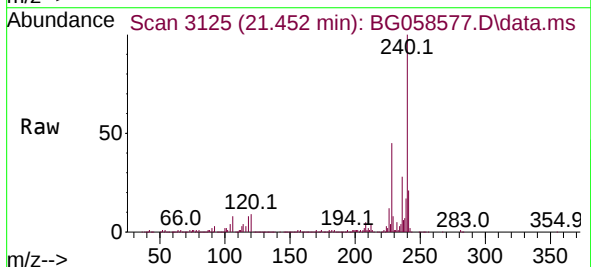
08/03/2023
Supervised By :mohammad
ahmed

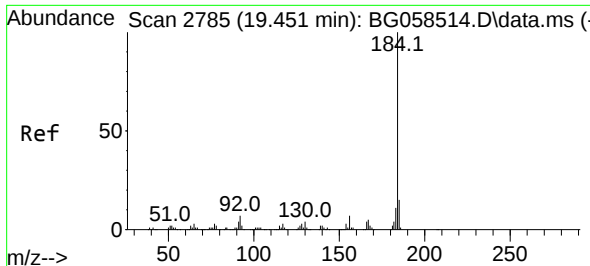
08/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

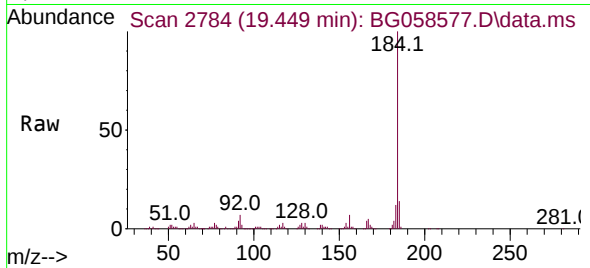
Tgt Ion:240 Resp: 314072
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 28.0 22.2 33.4





#77
Benzidine
Concen: 87.499 ng
RT: 19.449 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



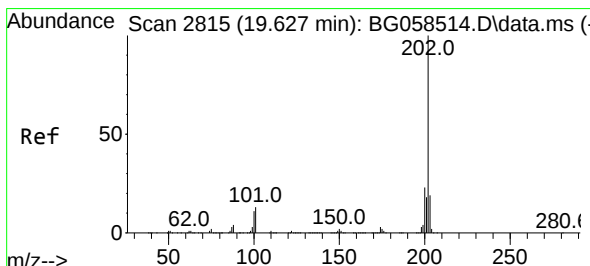
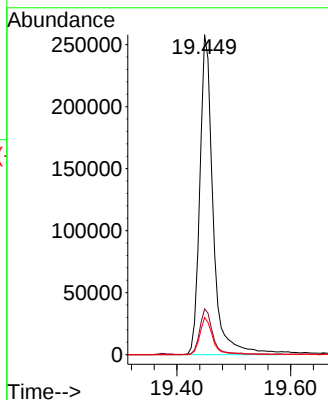
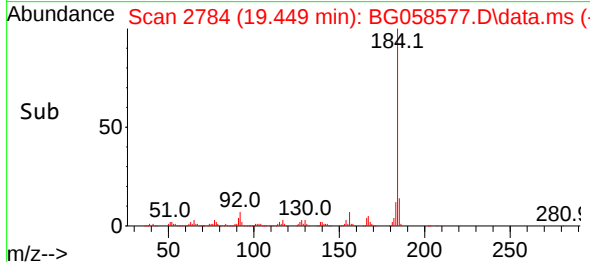
Tgt Ion:184 Resp: 416723
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.6 8.7 13.1

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Reviewed By :Yogesh
Patel

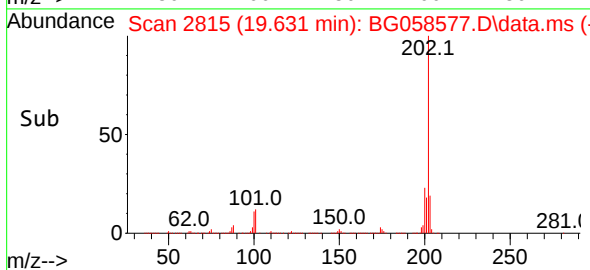
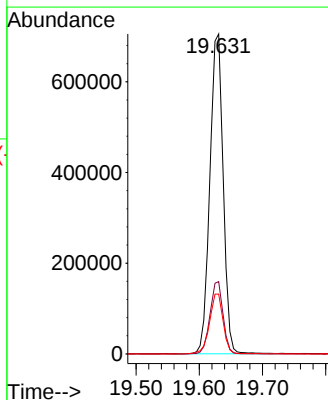
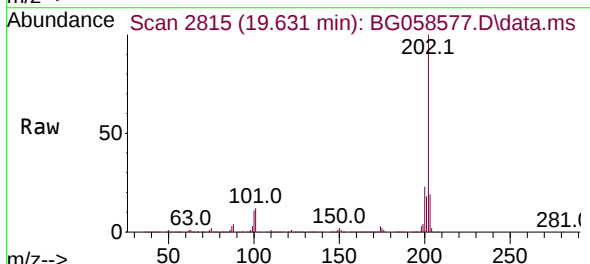
08/03/2023
Supervised By :mohammad
ahmed

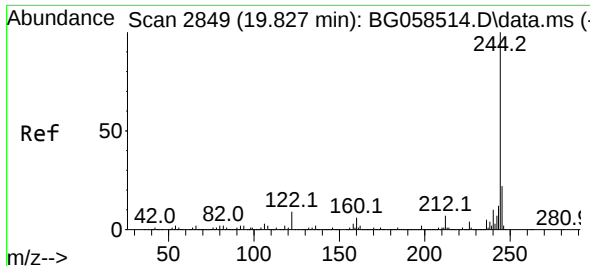
08/03/2023



#78
Pyrene
Concen: 48.407 ng
RT: 19.631 min Scan# 2815
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

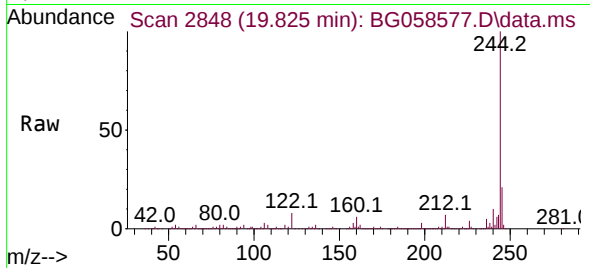
Tgt Ion:202 Resp: 1034670
Ion Ratio Lower Upper
202 100
200 22.6 18.2 27.2
203 18.7 15.1 22.7





#79
 Terphenyl-d14
 Concen: 59.298 ng
 RT: 19.825 min Scan# 2849
 Delta R.T. -0.002 min
 Lab File: BG058577.D
 Acq: 2 Aug 2023 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MSD



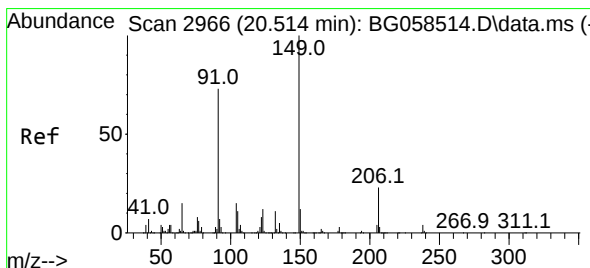
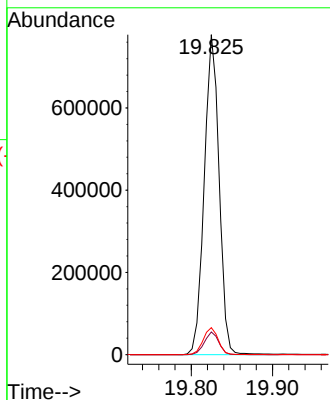
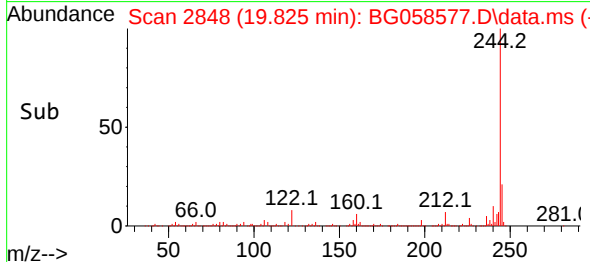
Tgt Ion:244 Resp: 990345
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.4 6.8 10.2

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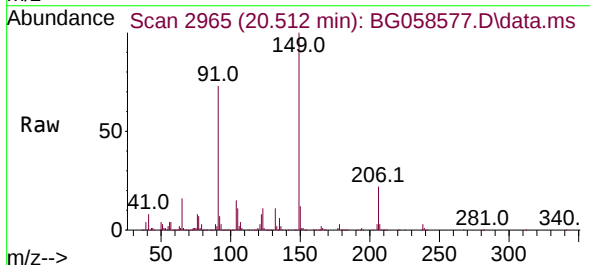
Reviewed By :Yogesh
 Patel

08/03/2023
 Supervised By :mohammad
 ahmed

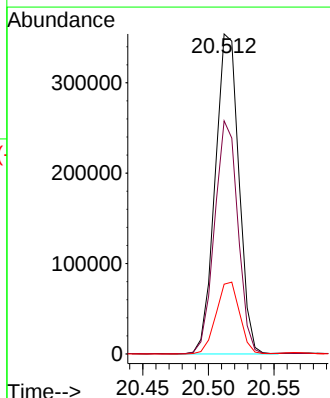
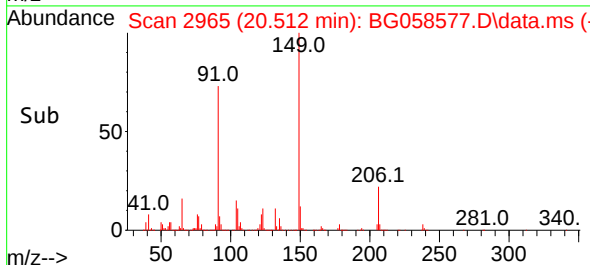
08/03/2023

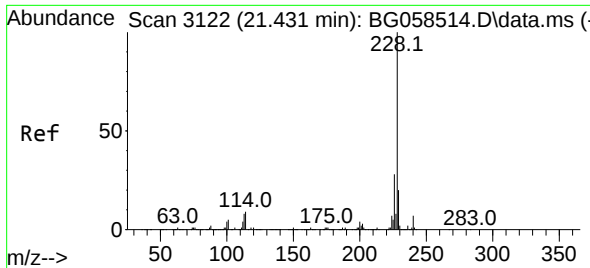


#80
 Butylbenzylphthalate
 Concen: 50.761 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058577.D
 Acq: 2 Aug 2023 14:03



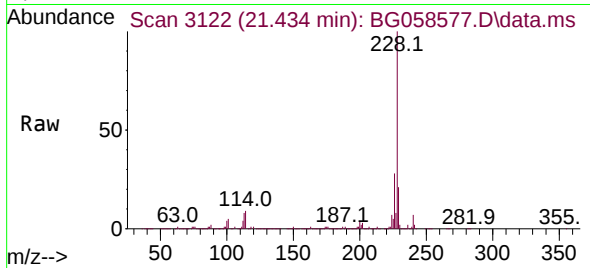
Tgt Ion:149 Resp: 445669
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.4 87.6
 206 21.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 49.476 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



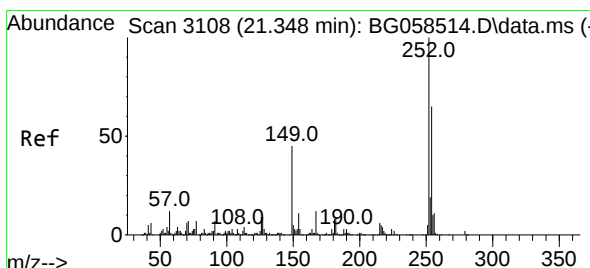
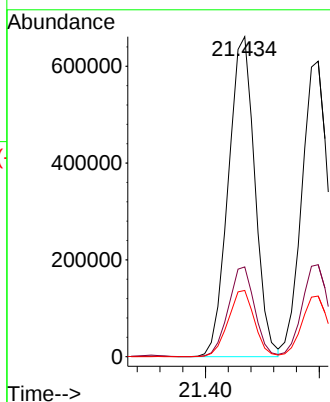
Tgt Ion:228 Resp: 1069373
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.7 16.3 24.5

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Reviewed By :Yogesh
Patel

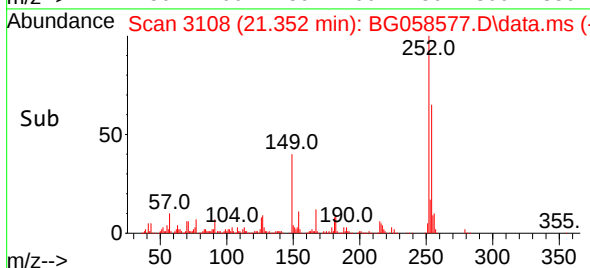
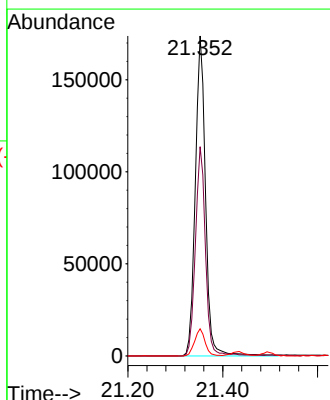
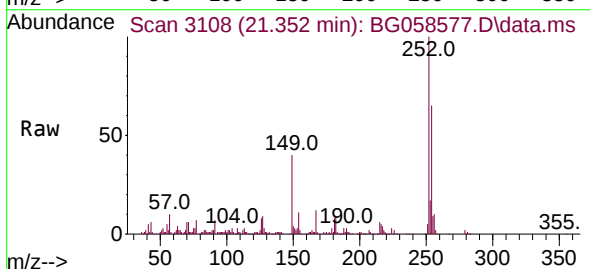
08/03/2023
Supervised By :mohammad
ahmed

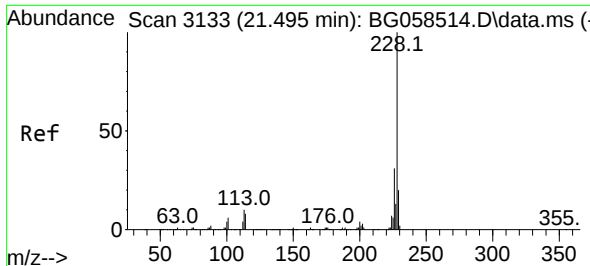
08/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.671 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

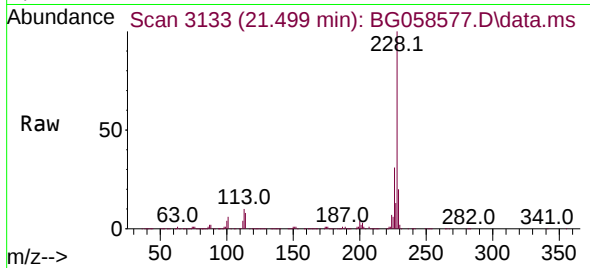
Tgt Ion:252 Resp: 260684
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 8.5 7.2 10.8





#83
Chrysene
Concen: 47.688 ng
RT: 21.499 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



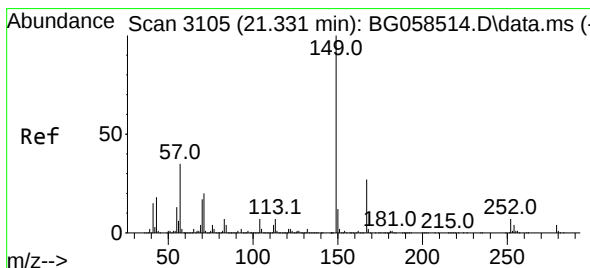
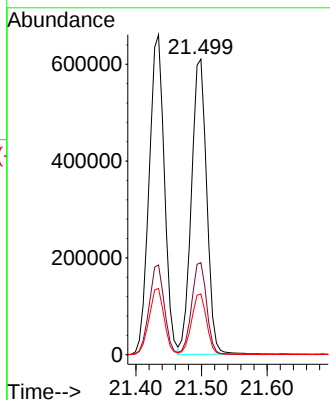
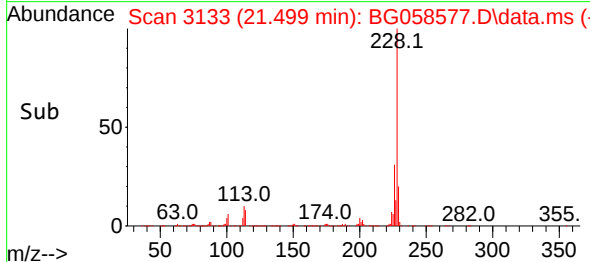
Tgt Ion:228 Resp: 988263
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.5 16.3 24.5

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Reviewed By :Yogesh
Patel

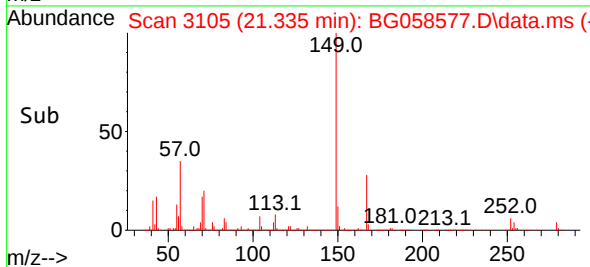
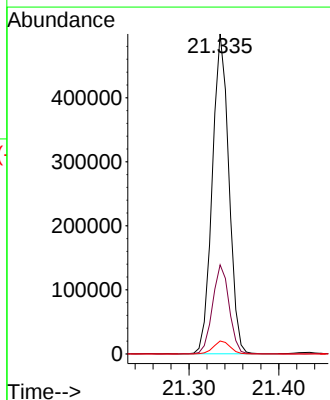
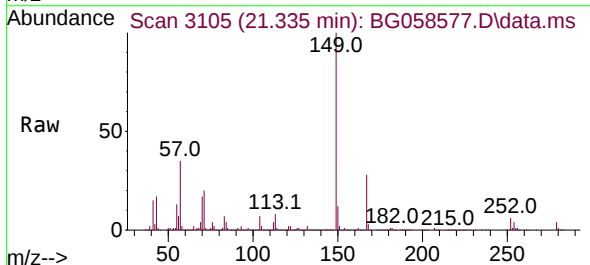
08/03/2023
Supervised By :mohammad
ahmed

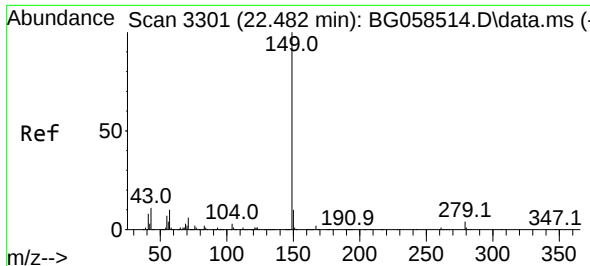
08/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.956 ng
RT: 21.335 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

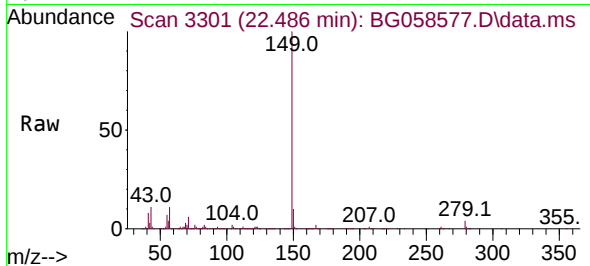
Tgt Ion:149 Resp: 640933
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 50.830 ng
RT: 22.486 min Scan# 3301
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



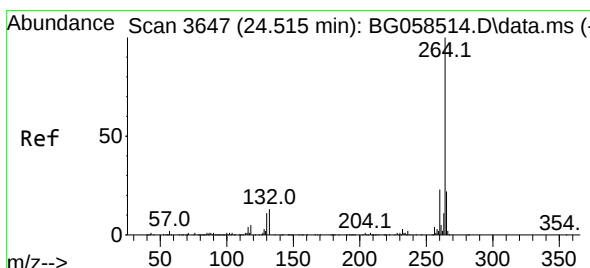
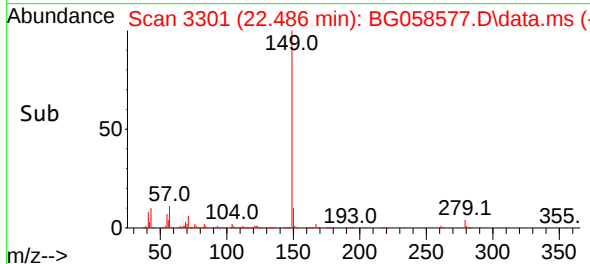
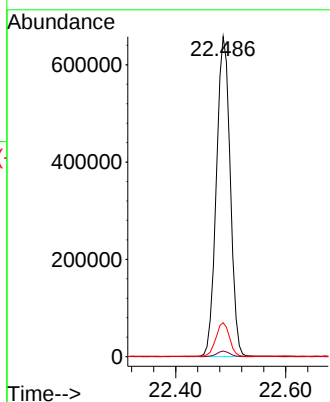
Tgt Ion:149 Resp: 1146558
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.2

Manual Integrations
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Reviewed By :Yogesh
Patel

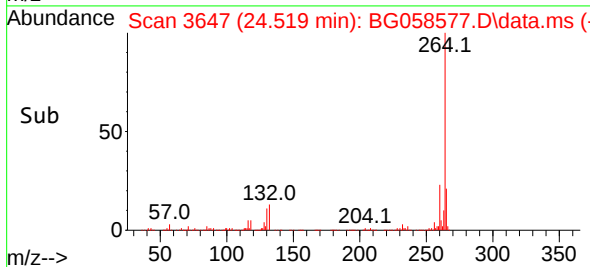
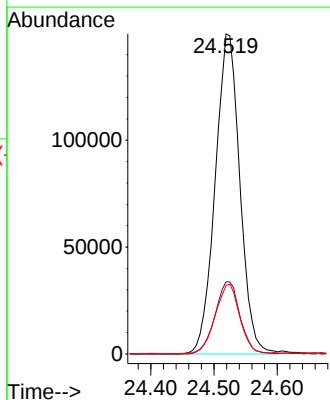
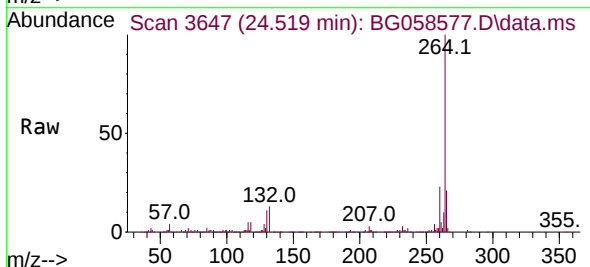
08/03/2023
Supervised By :mohammad
ahmed

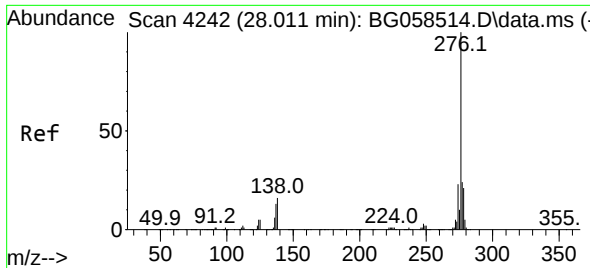
08/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

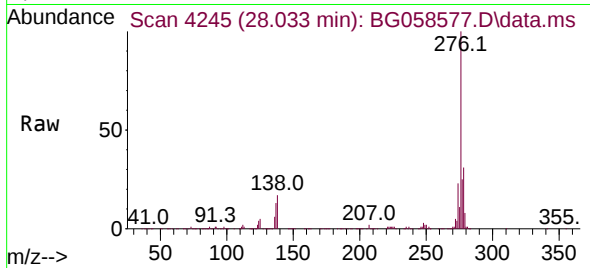
Tgt Ion:264 Resp: 405710
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.4 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.340 ng
RT: 28.033 min Scan# 4245
Delta R.T. 0.022 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



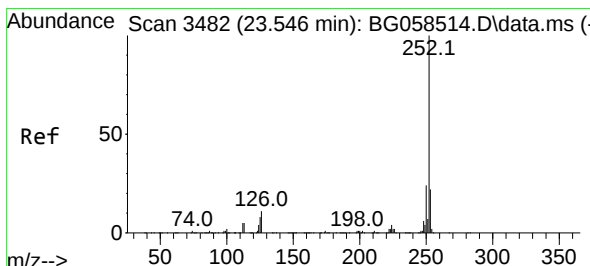
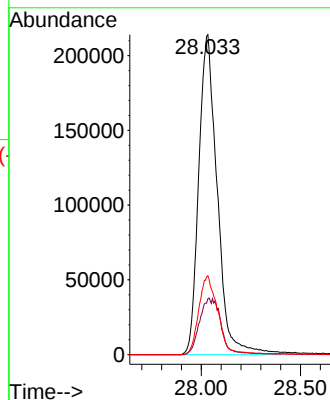
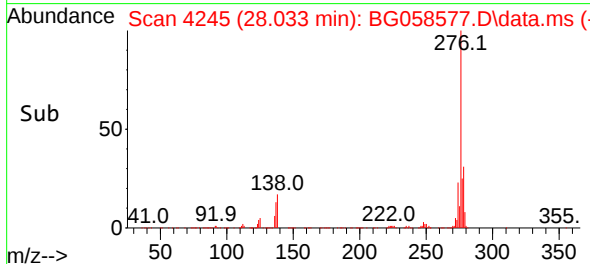
Tgt Ion:276 Resp: 1385684
Ion Ratio Lower Upper
276 100
138 11.2 16.0 24.0
277 25.2 20.4 30.6

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Reviewed By :Yogesh
Patel

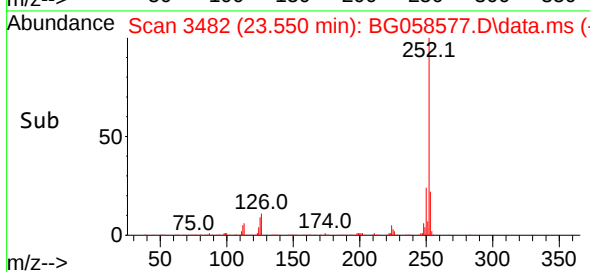
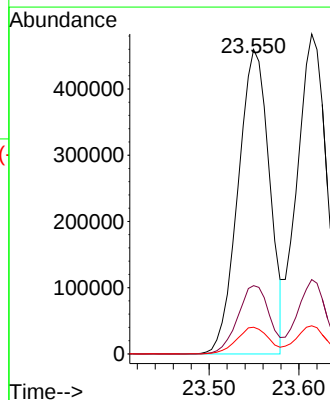
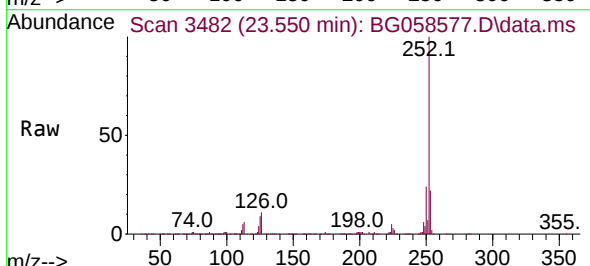
08/03/2023
Supervised By :mohammad
ahmed

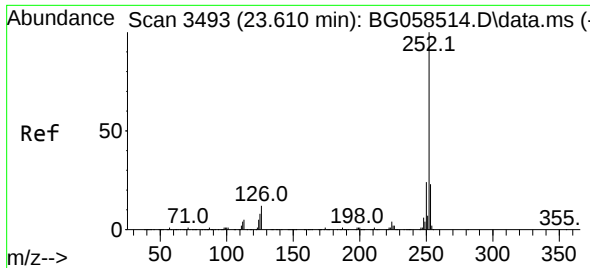
08/03/2023



#88
Benzo(b)fluoranthene
Concen: 50.878 ng
RT: 23.550 min Scan# 3482
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

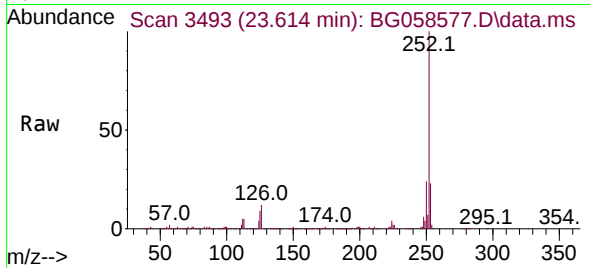
Tgt Ion:252 Resp: 1119559
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 50.017 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



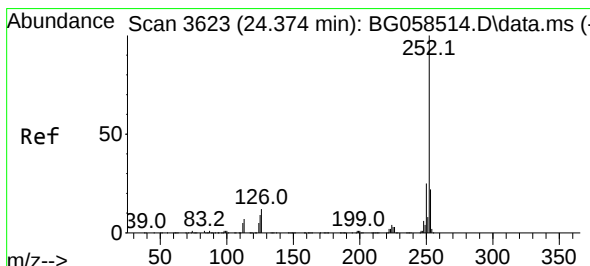
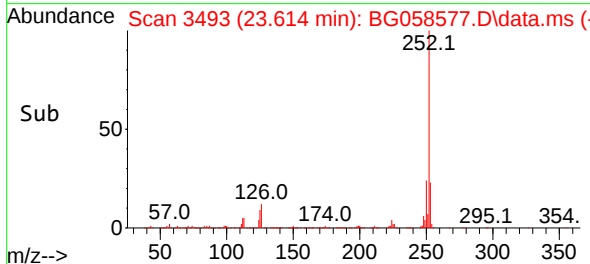
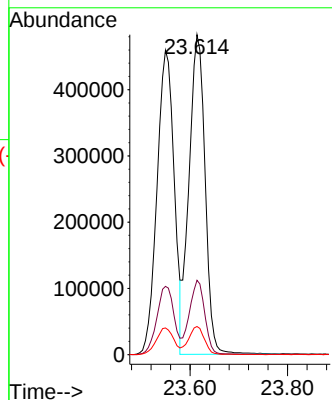
Tgt Ion:252 Resp: 110566
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 8.8 6.6 10.0

Manual Integrations
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Reviewed By :Yogesh
Patel

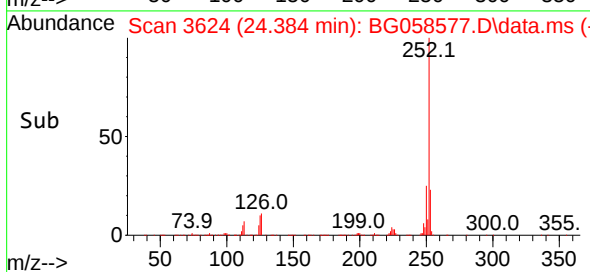
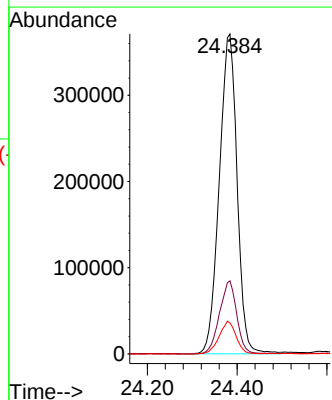
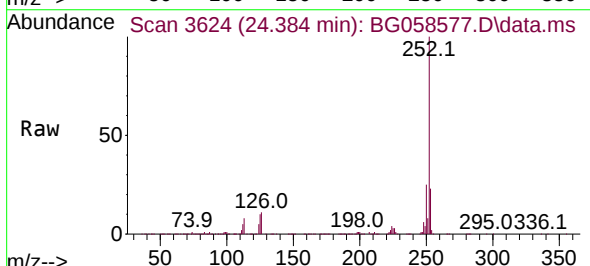
08/03/2023
Supervised By :mohammad
ahmed

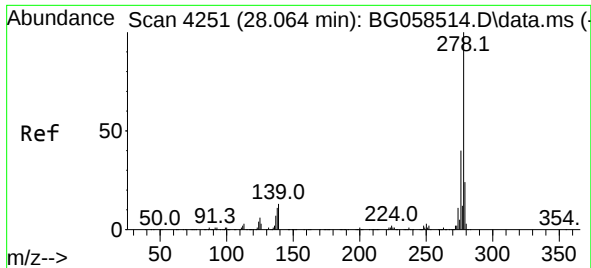
08/03/2023



#90
Benzo(a)pyrene
Concen: 47.292 ng
RT: 24.384 min Scan# 3624
Delta R.T. 0.010 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

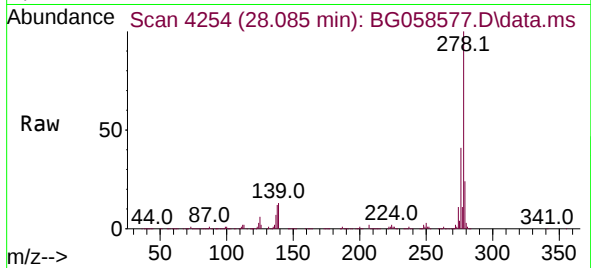
Tgt Ion:252 Resp: 1021996
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.6 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 51.059 ng
RT: 28.085 min Scan# 41
Delta R.T. 0.022 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MSD



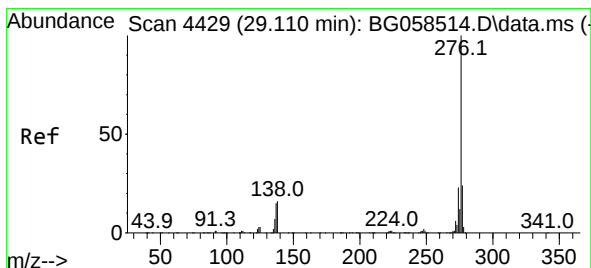
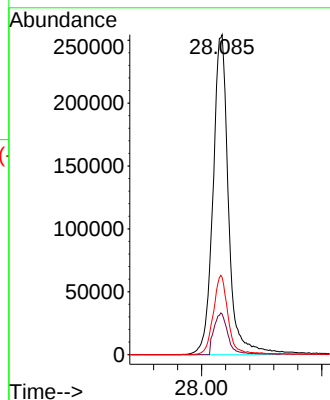
Tgt Ion:278 Resp: 1139508
Ion Ratio Lower Upper
278 100
139 12.7 10.4 15.6
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/03/2023
Supervised By :mohammad
ahmed

08/03/2023



#92
Benzo(g,h,i)perylene
Concen: 49.289 ng
RT: 29.120 min Scan# 4430
Delta R.T. 0.010 min
Lab File: BG058577.D
Acq: 2 Aug 2023 14:03

Tgt Ion:276 Resp: 1103035
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 17.7 13.0 19.4

