

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064595.D
 Acq On : 27 Oct 2025 20:09
 Operator : RC/JU
 Sample : Q3451-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Quant Time: Nov 04 01:23:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

10/28/2025
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	35338	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	148656	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	117314	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	271824	20.000	ng	0.00
76) Chrysene-d12	21.851	240	289951	20.000	ng	0.00
86) Perylene-d12	25.188	264	317867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	228390	108.481	ng	0.00
7) Phenol-d6	7.350	99	296157	102.513	ng	0.00
23) Nitrobenzene-d5	9.383	82	168702	68.162	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	173823	102.660	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	466161	60.230	ng	0.00
79) Terphenyl-d14	20.165	244	929764	60.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.584	88	36432	39.086	ng	95
3) Pyridine	3.989	79	100542	35.920	ng	97
4) n-Nitrosodimethylamine	3.895	42	65493	43.631	ng	98
6) Aniline	7.526	93	98025	24.936	ng	97
8) 2-Chlorophenol	7.779	128	121325	55.057	ng	98
9) Benzaldehyde	7.338	77	53314	33.803	ng	97
10) Phenol	7.380	94	166096	51.987	ng	97
11) bis(2-Chloroethyl)ether	7.620	93	107694	45.847	ng	95
12) 1,3-Dichlorobenzene	8.108	146	123226	48.585	ng	96
13) 1,4-Dichlorobenzene	8.255	146	124684	48.347	ng	97
14) 1,2-Dichlorobenzene	8.578	146	122885	49.402	ng	99
15) Benzyl Alcohol	8.449	79	124037	52.066	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.743	45	294123	47.735	ng	98
17) 2-Methylphenol	8.649	107	113834	53.663	ng	97
18) Hexachloroethane	9.318	117	45304	50.059	ng	98
19) n-Nitroso-di-n-propyla...	9.025	70	97476	48.822	ng	99
20) 3+4-Methylphenols	8.972	107	154984	51.953	ng	97
22) Acetophenone	9.042	105	207298	51.013	ng	96
24) Nitrobenzene	9.424	77	138208	51.341	ng	95
25) Isophorone	9.953	82	277592	46.741	ng	98
26) 2-Nitrophenol	10.141	139	54805	52.454	ng	95
27) 2,4-Dimethylphenol	10.188	122	127646	57.781	ng	97
28) bis(2-Chloroethoxy)met...	10.435	93	161754	47.836	ng	99
29) 2,4-Dichlorophenol	10.676	162	127710	53.718	ng	97
30) 1,2,4-Trichlorobenzene	10.905	180	134218	49.688	ng	96
31) Naphthalene	11.093	128	386042	46.838	ng	100
32) Benzoic acid	10.329	122	92707	53.981	ng	88
33) 4-Chloroaniline	11.187	127	38338	11.968	ng	94
34) Hexachlorobutadiene	11.387	225	98774	46.757	ng	93
35) Caprolactam	11.945	113	42279m	46.366	ng	
36) 4-Chloro-3-methylphenol	12.291	107	148655	52.019	ng	98
37) 2-Methylnaphthalene	12.685	142	266634	44.063	ng	97
38) 1-Methylnaphthalene	12.902	142	275473	45.986	ng	95
40) 1,2,4,5-Tetrachloroben...	13.049	216	207424	52.684	ng	99
41) Hexachlorocyclopentadiene	13.038	237	230204	129.902	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	125481	55.718	ng	96

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Manual Integrations
 APPROVED

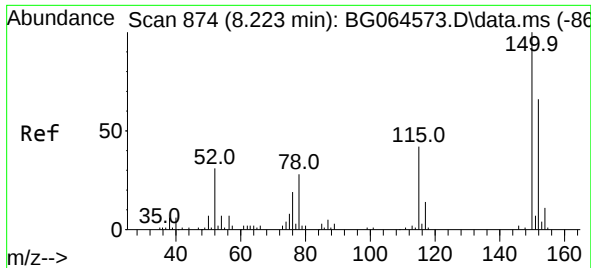
Reviewed By :Rahul
 Chavli

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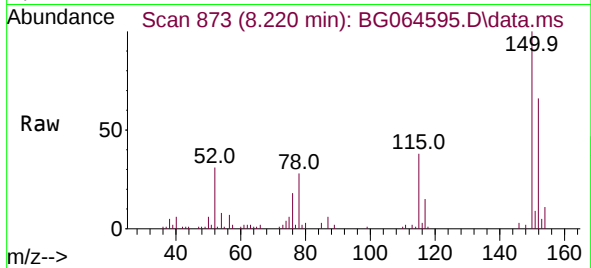
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.349	196	136347	52.464	ng	97	11/05/2025
46) 1,1'-Biphenyl	13.684	154	447397	53.643	ng	97	
47) 2-Chloronaphthalene	13.725	162	301356	47.869	ng	99	
48) 2-Nitroaniline	13.907	65	107185	50.534	ng	93	
49) Acenaphthylene	14.565	152	546371	55.022	ng	99	
50) Dimethylphthalate	14.289	163	424454	47.283	ng	99	
51) 2,6-Dinitrotoluene	14.401	165	80048	53.641	ng	96	
52) Acenaphthene	14.906	154	351365	51.791	ng	99	
53) 3-Nitroaniline	14.724	138	39155	25.380	ng	96	
54) 2,4-Dinitrophenol	14.929	184	92602	100.359	ng	# 35	
55) Dibenzofuran	15.235	168	526094	47.966	ng	98	
56) 4-Nitrophenol	15.018	139	149211	104.320	ng	94	
57) 2,4-Dinitrotoluene	15.182	165	120666	52.391	ng	# 94	
58) Fluorene	15.881	166	407837	47.612	ng	97	
59) 2,3,4,6-Tetrachlorophenol	15.452	232	139208	56.015	ng	97	
60) Diethylphthalate	15.646	149	423302	46.182	ng	99	
61) 4-Chlorophenyl-phenyle...	15.870	204	228634	47.562	ng	96	
62) 4-Nitroaniline	15.881	138	85384	49.749	ng	98	
63) Azobenzene	16.163	77	440936	52.430	ng	100	
65) 4,6-Dinitro-2-methylph...	15.940	198	64263	53.079	ng	93	
66) n-Nitrosodiphenylamine	16.081	169	379581	51.695	ng	99	
67) 4-Bromophenyl-phenylether	16.763	248	162551	50.463	ng	97	
68) Hexachlorobenzene	16.886	284	185323	50.430	ng	95	
69) Atrazine	17.021	200	161519	51.116	ng	98	
70) Pentachlorophenol	17.221	266	249438	108.849	ng	93	
71) Phenanthrene	17.620	178	725118	48.780	ng	99	
72) Anthracene	17.714	178	745259	49.286	ng	99	
73) Carbazole	17.967	167	650274	48.768	ng	99	
74) Di-n-butylphthalate	18.531	149	740089	47.998	ng	99	
75) Fluoranthene	19.612	202	877404	47.117	ng	99	
77) Benzidine	19.777	184	228291	35.143	ng	100	
78) Pyrene	19.977	202	904515	47.747	ng	99	
80) Butylbenzylphthalate	20.852	149	314322	54.898	ng	96	
81) Benzo(a)anthracene	21.833	228	956214	49.737	ng	99	
82) 3,3'-Dichlorobenzidine	21.733	252	130460	20.321	ng	100	
83) Chrysene	21.904	228	889476	48.623	ng	97	
84) Bis(2-ethylhexyl)phtha...	21.739	149	453464	53.004	ng	99	
85) Di-n-octyl phthalate	23.002	149	765712	53.085	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.031	276	1150312	49.194	ng	# 97	
88) Benzo(b)fluoranthene	24.136	252	932476	47.840	ng	99	
89) Benzo(k)fluoranthene	24.207	252	985011	50.501	ng	99	
90) Benzo(a)pyrene	25.041	252	920268	51.363	ng	99	
91) Dibenzo(a,h)anthracene	29.101	278	934270	49.179	ng	98	
92) Benzo(g,h,i)perylene	30.229	276	914173	50.374	ng	98	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

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BNA_G
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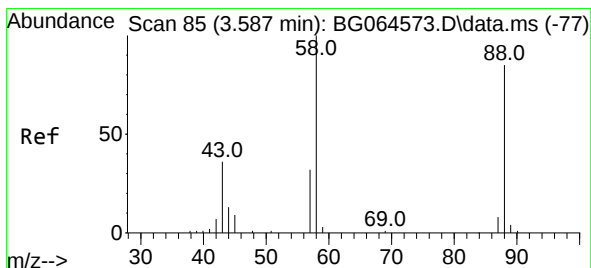
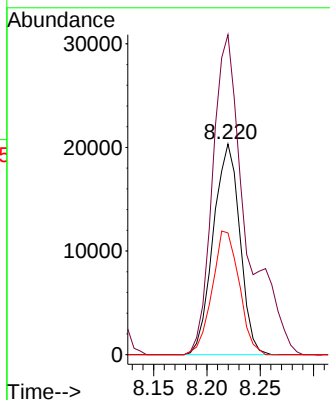
Tgt Ion:152 Resp: 35338
Ion Ratio Lower Upper
152 100
150 151.9 122.2 183.4
115 57.8 50.8 76.2

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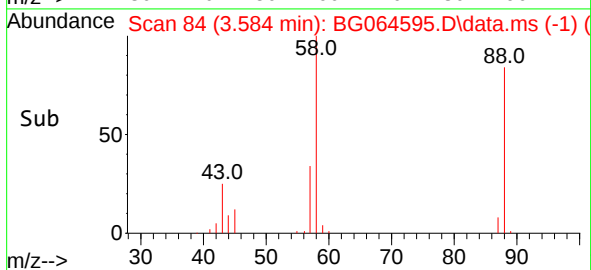
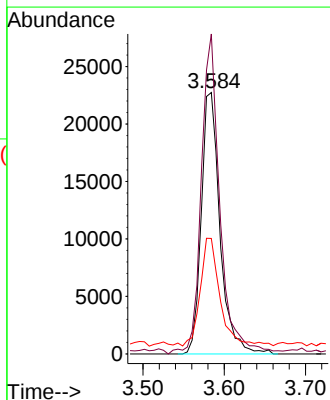
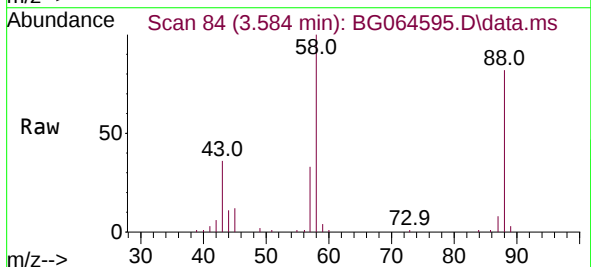
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Supervised By :mohammad
ahmed

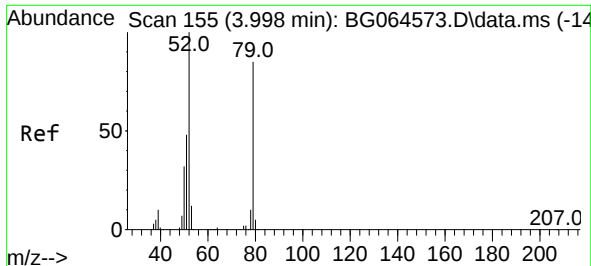
11/05/2025



#2
1,4-Dioxane
Concen: 39.086 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

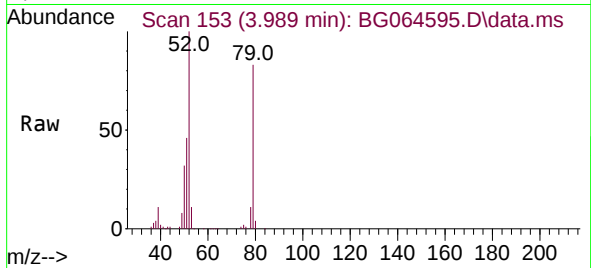
Tgt Ion: 88 Resp: 36432
Ion Ratio Lower Upper
88 100
58 122.0 92.4 138.6
43 43.3 33.0 49.6





#3
Pyridine
Concen: 35.920 ng
RT: 3.989 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



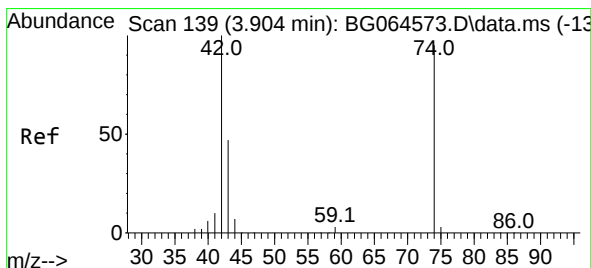
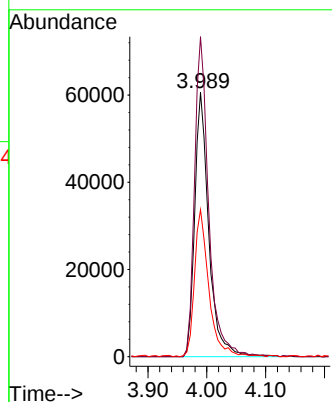
Tgt Ion: 79 Resp: 100542
Ion Ratio Lower Upper
79 100
52 121.1 94.2 141.2
51 55.6 46.1 69.1

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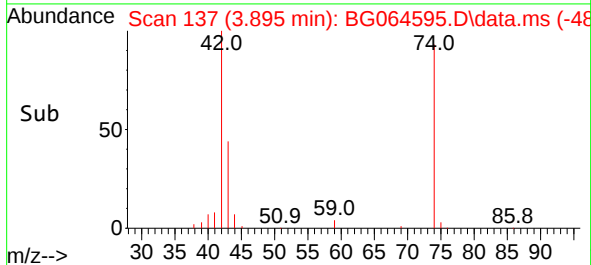
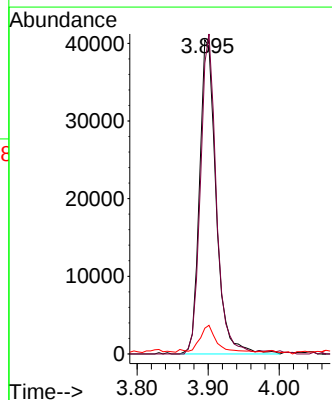
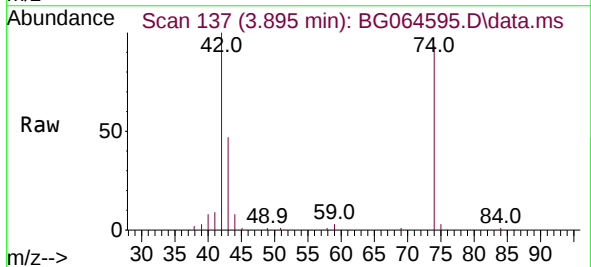
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ahmed

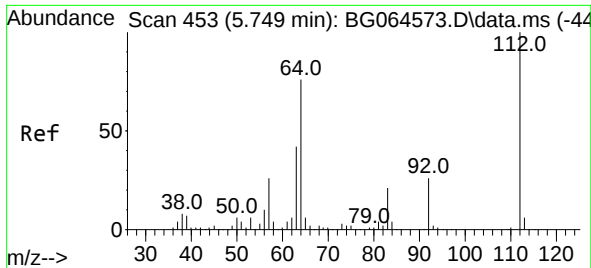
11/05/2025



#4
n-Nitrosodimethylamine
Concen: 43.631 ng
RT: 3.895 min Scan# 137
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

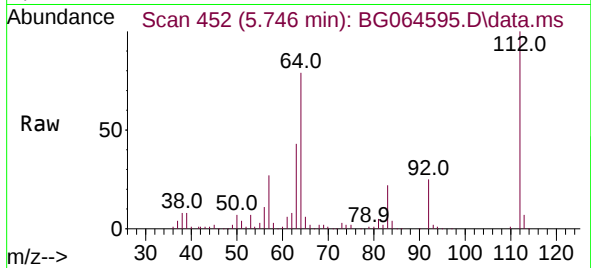
Tgt Ion: 42 Resp: 65493
Ion Ratio Lower Upper
42 100
74 92.7 76.1 114.1
44 8.2 6.3 9.5





#5
2-Fluorophenol
Concen: 108.481 ng
RT: 5.746 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
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ClientSampleId :
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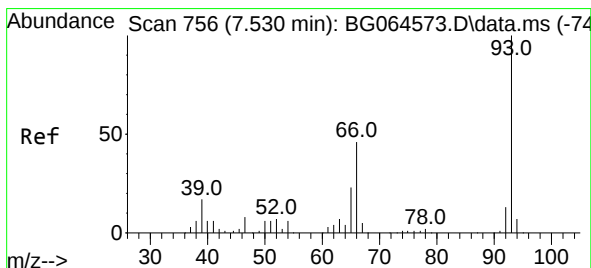
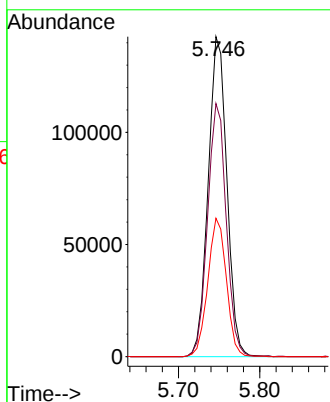
Tgt Ion:112 Resp: 228390
Ion Ratio Lower Upper
112 100
64 79.1 60.7 91.1
63 43.2 33.4 50.0

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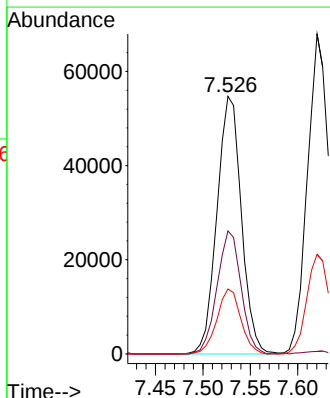
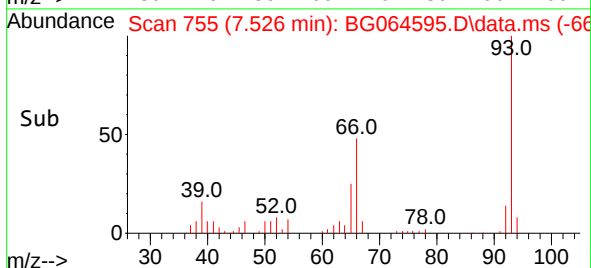
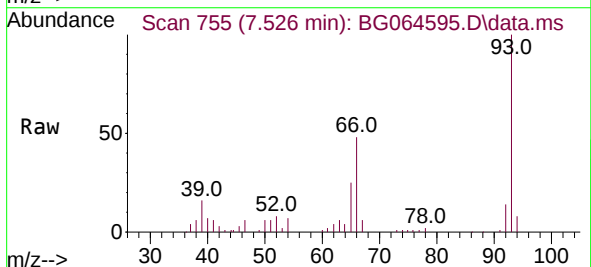
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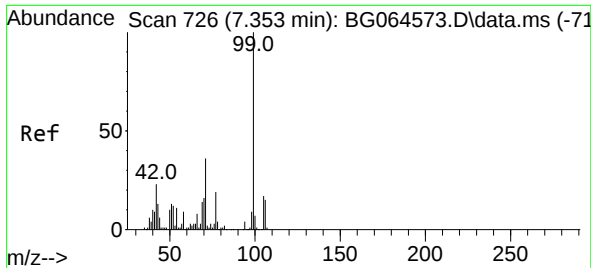
11/05/2025



#6
Aniline
Concen: 24.936 ng
RT: 7.526 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

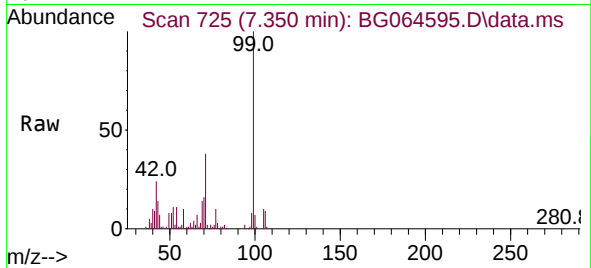
Tgt Ion: 93 Resp: 98025
Ion Ratio Lower Upper
93 100
66 47.7 37.0 55.6
65 25.2 18.3 27.5





#7
Phenol-d6
Concen: 102.513 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



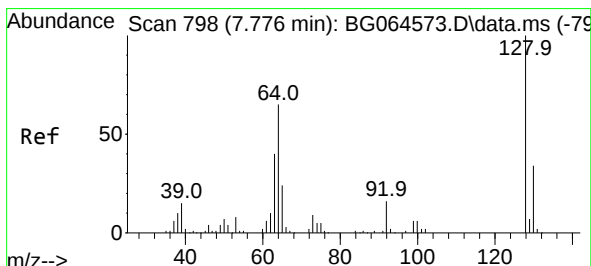
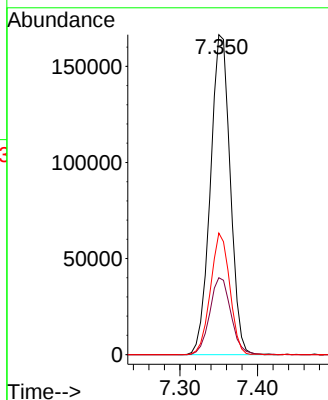
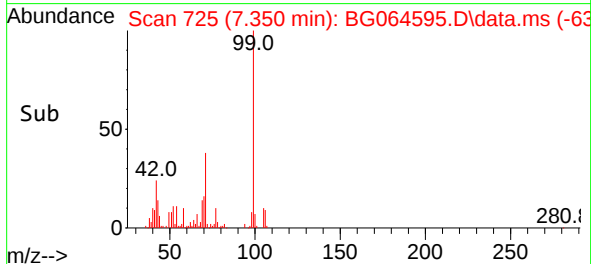
Tgt Ion: 99 Resp: 29615
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 38.0 28.6 43.0

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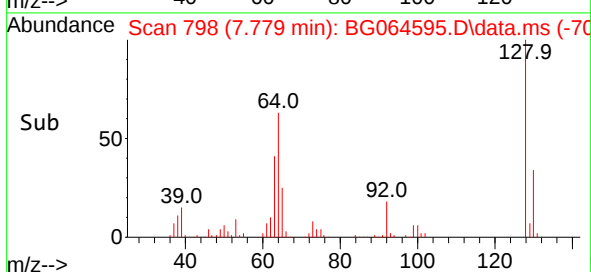
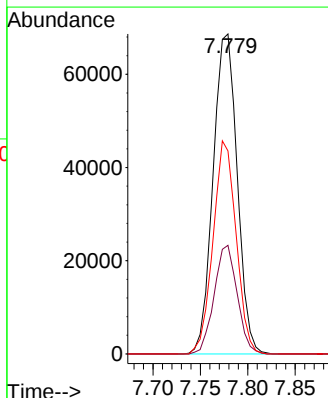
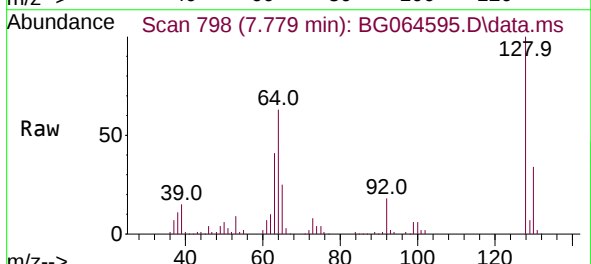
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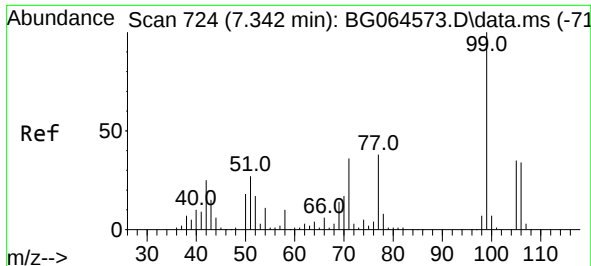
11/05/2025



#8
2-Chlorophenol
Concen: 55.057 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:128 Resp: 121325
Ion Ratio Lower Upper
128 100
130 33.9 13.5 53.5
64 63.4 45.2 85.2





#9
Benzaldehyde
Concen: 33.803 ng
RT: 7.338 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
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ClientSampleId :
TP-11MS

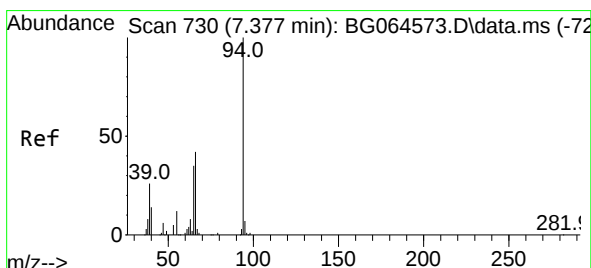
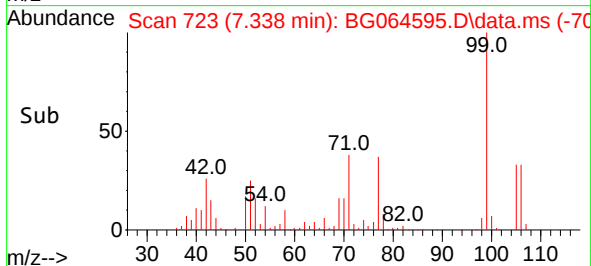
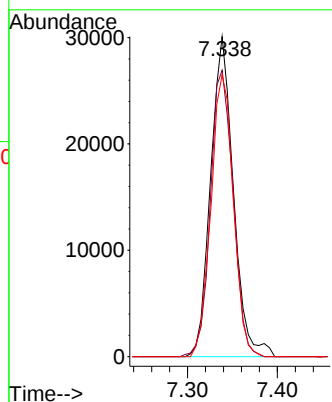
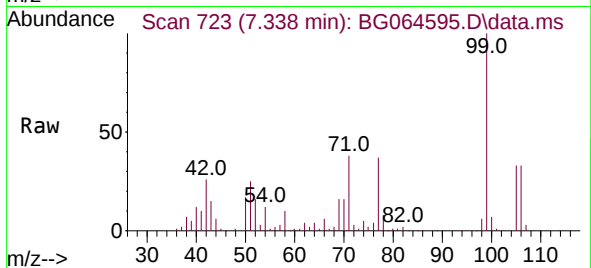
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Ion Ratio Lower Upper
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105 89.5 72.9 112.9
106 88.1 70.8 110.8

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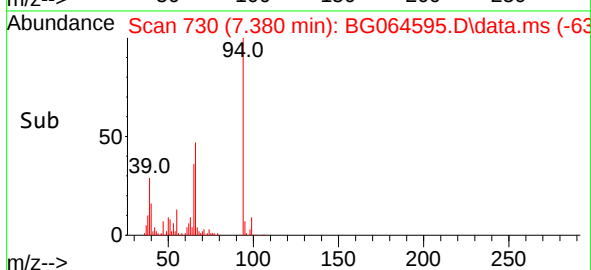
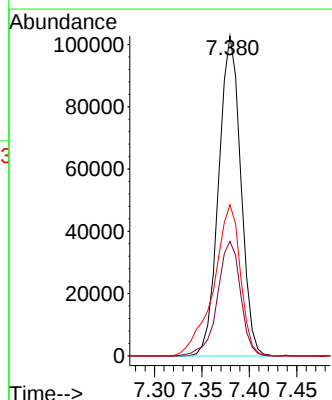
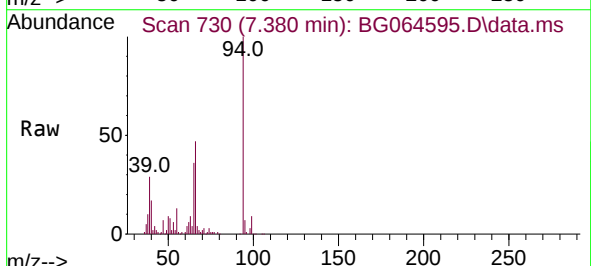
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ahmed

11/05/2025



#10
Phenol
Concen: 51.987 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion: 94 Resp: 166096
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 47.2 24.0 64.0





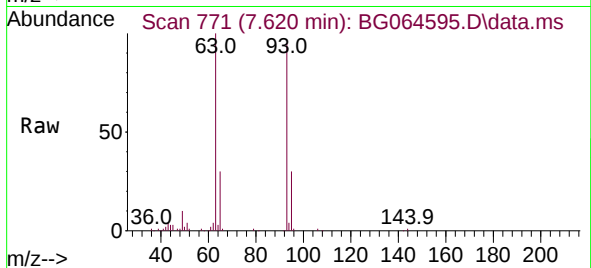
#11
bis(2-Chloroethyl)ether
Concen: 45.847 ng
RT: 7.620 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS



Tgt Ion: 93 Resp: 107694
Ion Ratio Lower Upper
93 100
63 105.1 91.3 131.3
95 31.9 13.3 53.3

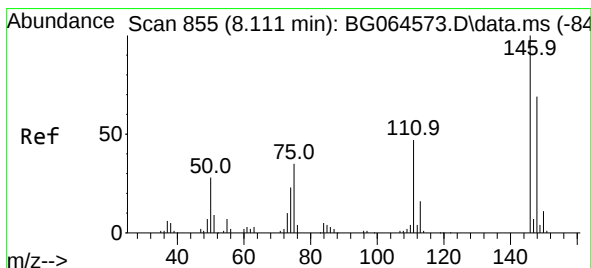
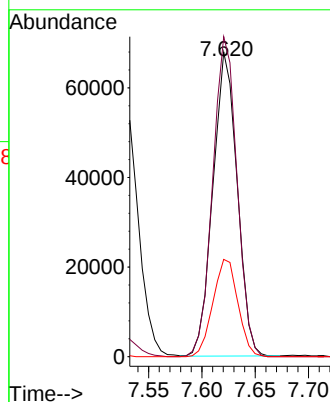
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Reviewed By :Rahul
Chavli

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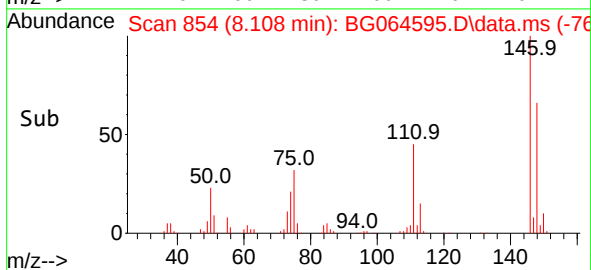
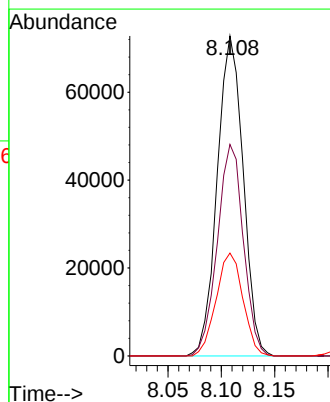
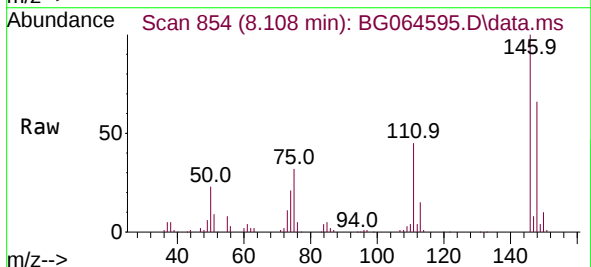
Supervised By :mohammad
ahmed

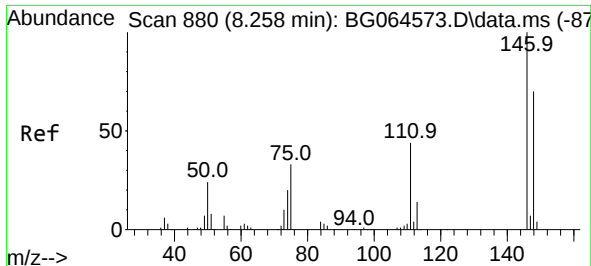
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#12
1,3-Dichlorobenzene
Concen: 48.585 ng
RT: 8.108 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

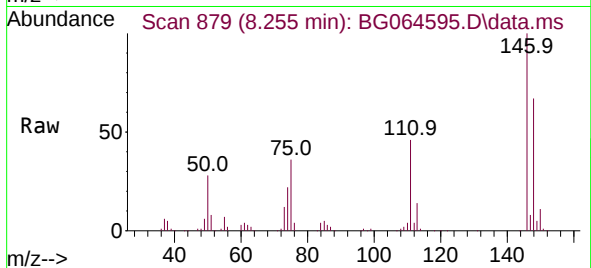
Tgt Ion:146 Resp: 123226
Ion Ratio Lower Upper
146 100
148 66.1 55.3 82.9
75 32.1 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 48.347 ng
RT: 8.255 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



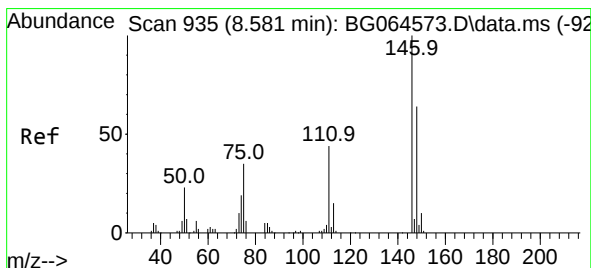
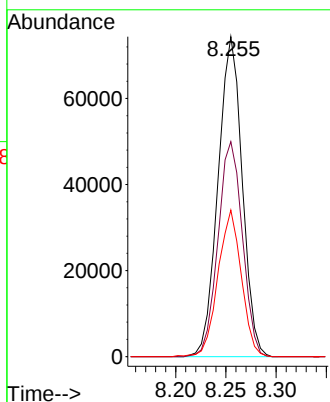
Tgt Ion:146 Resp: 124684
Ion Ratio Lower Upper
146 100
148 67.2 56.2 84.4
111 45.8 35.4 53.0

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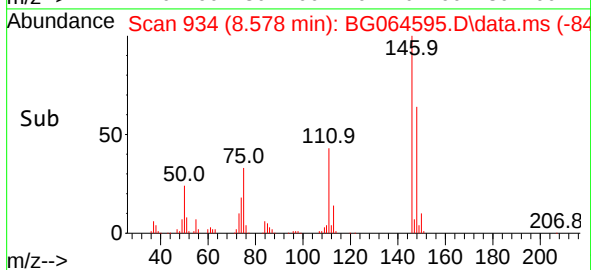
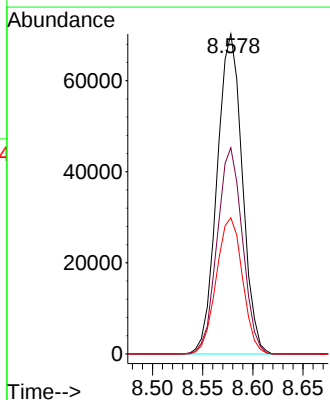
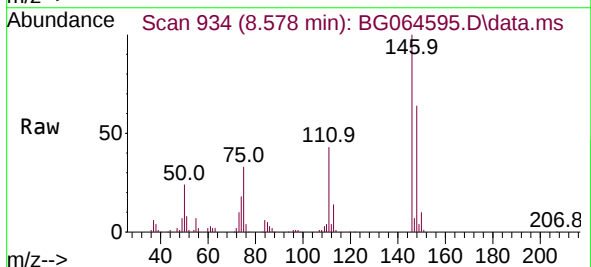
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Supervised By :mohammad
ahmed

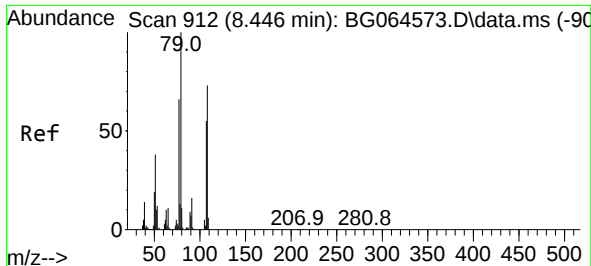
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#14
1,2-Dichlorobenzene
Concen: 49.402 ng
RT: 8.578 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

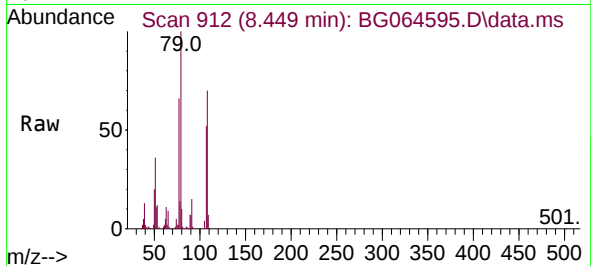
Tgt Ion:146 Resp: 122885
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 42.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 52.066 ng
RT: 8.449 min Scan# 912
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



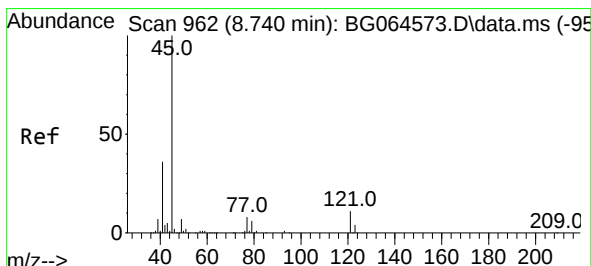
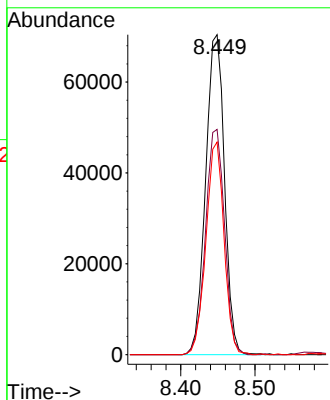
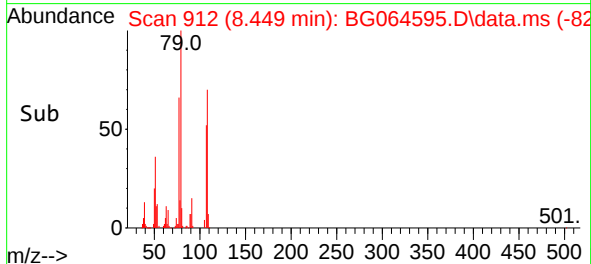
Tgt Ion: 79 Resp: 124037
Ion Ratio Lower Upper
79 100
108 70.4 58.1 87.1
77 66.4 52.8 79.2

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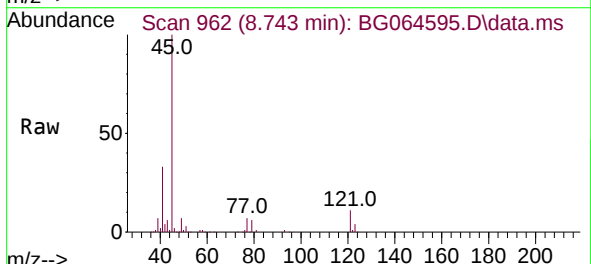
Reviewed By :Rahul
Chavli

10/28/2025
Supervised By :mohammad
ahmed

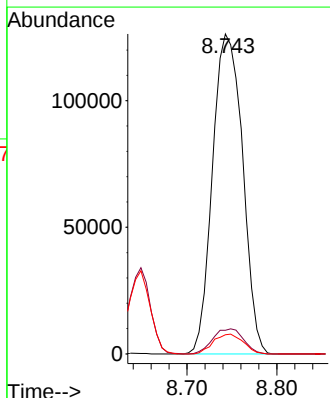
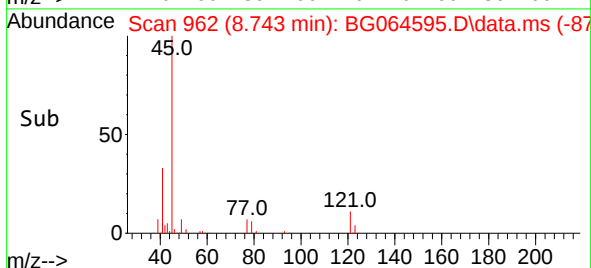
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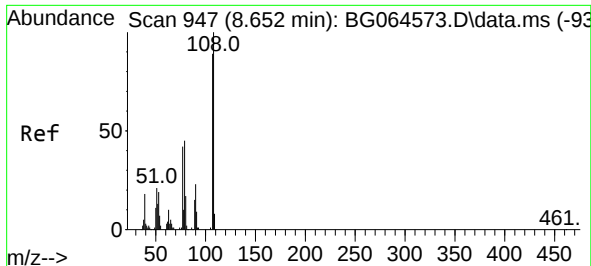


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.735 ng
RT: 8.743 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09



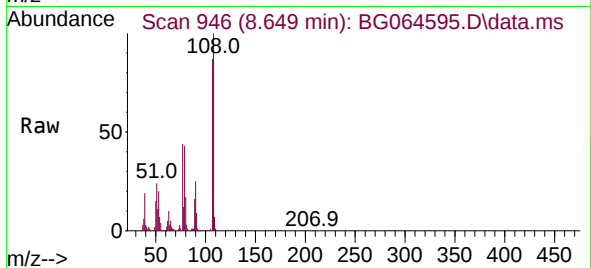
Tgt Ion: 45 Resp: 294123
Ion Ratio Lower Upper
45 100
77 7.4 0.0 28.5
79 6.0 0.0 25.6





#17
2-Methylphenol
Concen: 53.663 ng
RT: 8.649 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



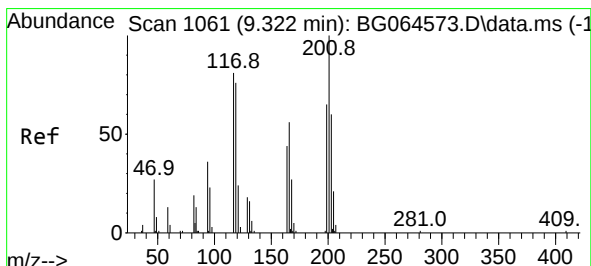
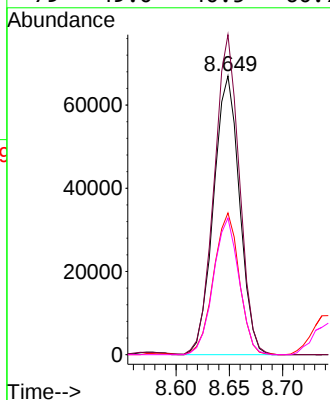
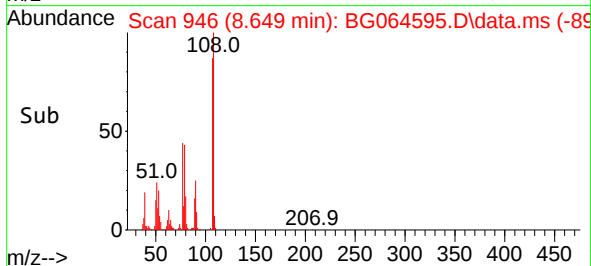
Tgt Ion:107 Resp: 113834
Ion Ratio Lower Upper
107 100
108 114.8 90.0 135.0
77 50.8 37.8 56.8
79 49.0 40.5 60.7

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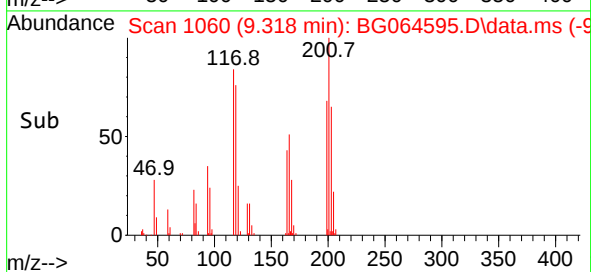
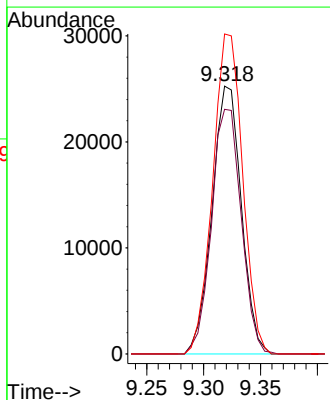
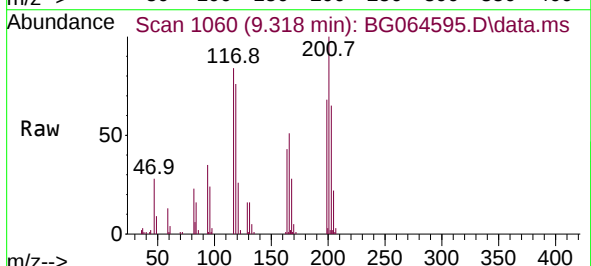
10/28/2025
Supervised By :mohammad
ahmed

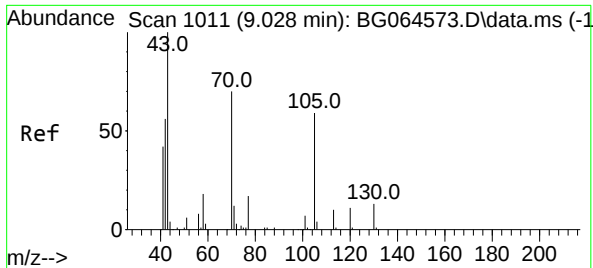
11/05/2025



#18
Hexachloroethane
Concen: 50.059 ng
RT: 9.318 min Scan# 1060
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

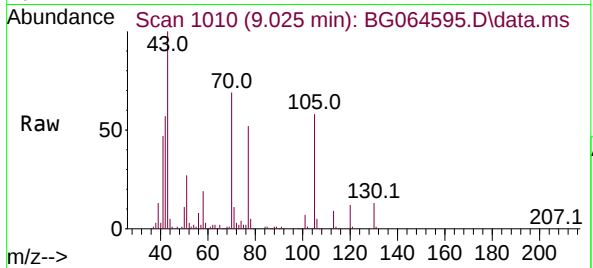
Tgt Ion:117 Resp: 45304
Ion Ratio Lower Upper
117 100
119 91.3 75.4 113.2
201 122.4 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.822 ng
RT: 9.025 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



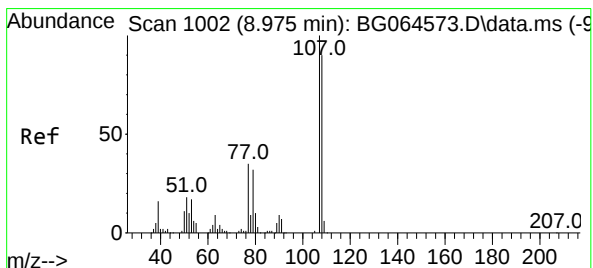
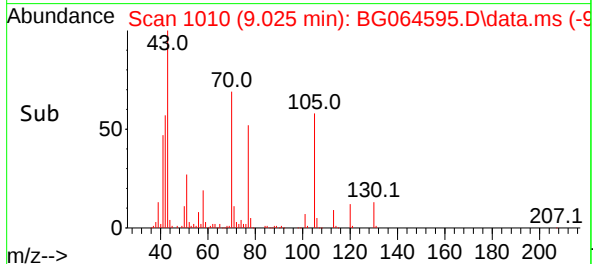
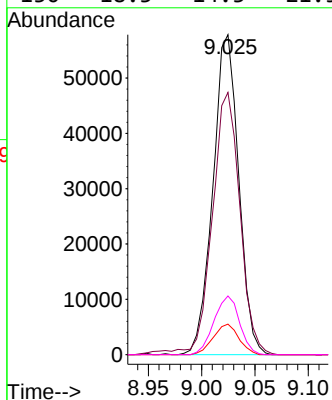
Tgt Ion: 70 Resp: 97476
Ion Ratio Lower Upper
70 100
42 81.9 65.2 97.8
101 9.5 7.9 11.9
130 18.3 14.3 21.5

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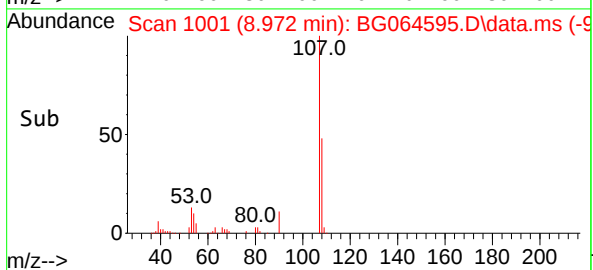
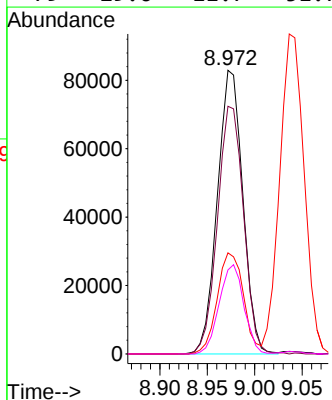
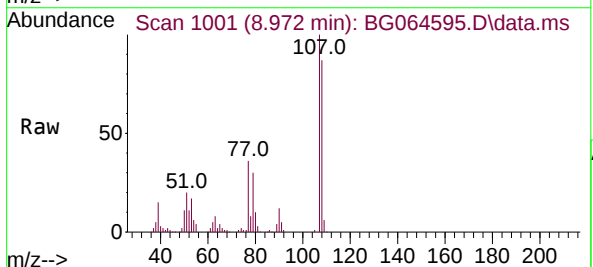
10/28/2025
Supervised By :mohammad
ahmed

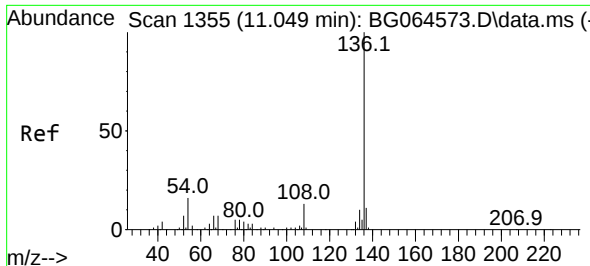
11/05/2025



#20
3+4-Methylphenols
Concen: 51.953 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

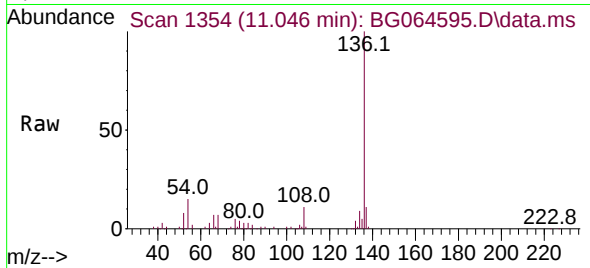
Tgt Ion:107 Resp: 154984
Ion Ratio Lower Upper
107 100
108 87.3 70.3 110.3
77 35.6 14.6 54.6
79 29.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
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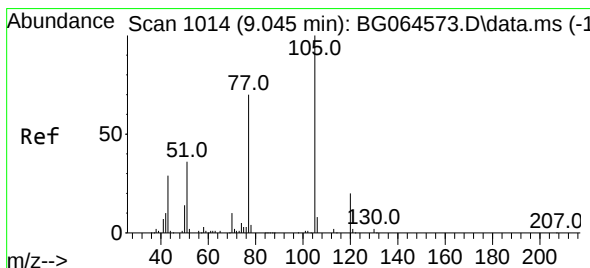
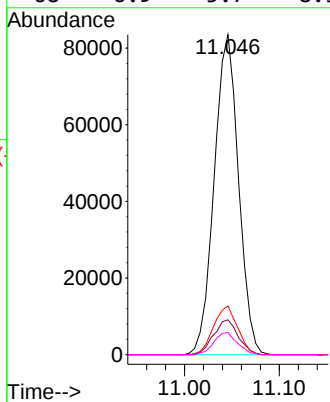
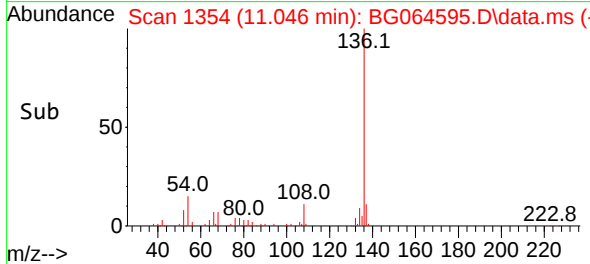
Tgt Ion:136 Resp: 148656
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 15.2 12.6 19.0
68 6.9 5.7 8.5

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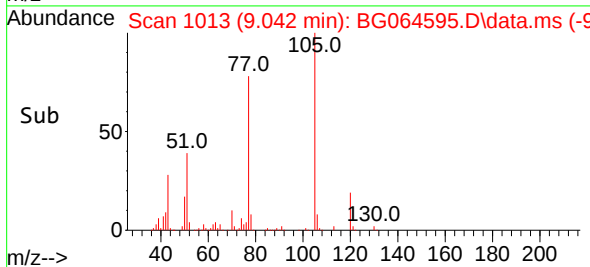
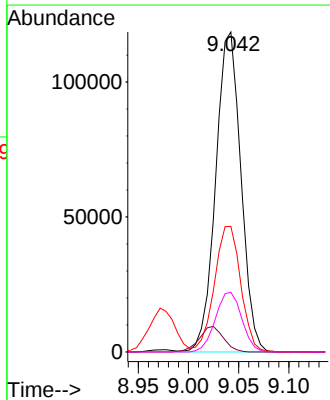
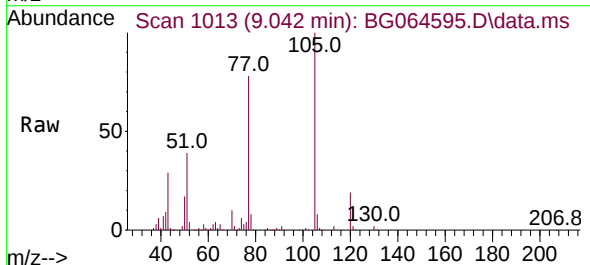
10/28/2025
Supervised By :mohammad
ahmed

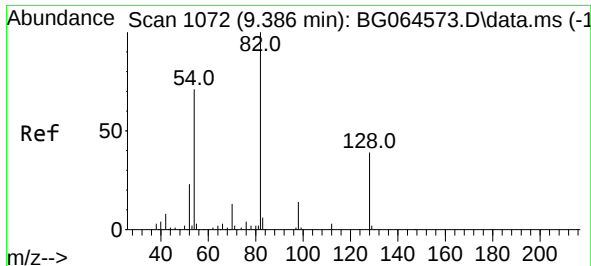
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#22
Acetophenone
Concen: 51.013 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:105 Resp: 207298
Ion Ratio Lower Upper
105 100
71 1.6 1.5 2.3
51 39.2 33.7 50.5
120 18.6 16.1 24.1





#23

Nitrobenzene-d5

Concen: 68.162 ng

RT: 9.383 min Scan# 1072

Delta R.T. -0.003 min

Lab File: BG064595.D

Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

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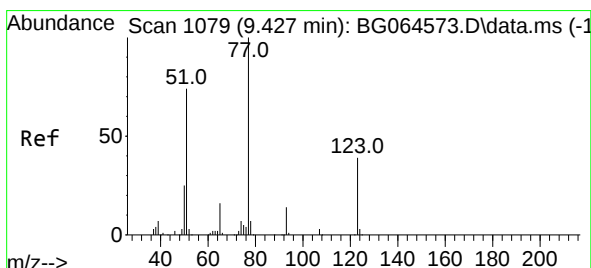
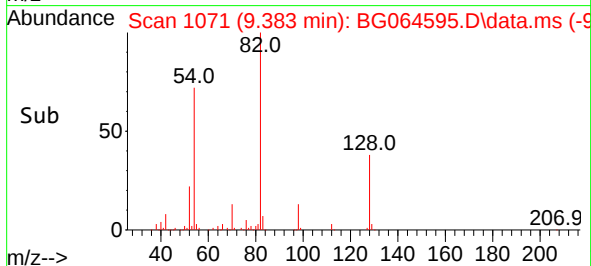
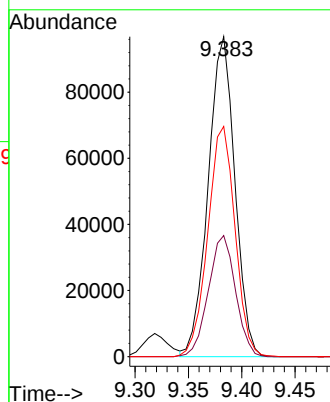
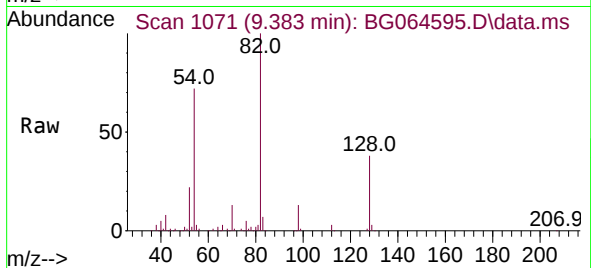
Tgt Ion: 82	Resp: 168702
Ion Ratio	Lower Upper
82 100	
128 37.9	31.3 46.9
54 71.9	56.6 84.8

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ahmed

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#24

Nitrobenzene

Concen: 51.341 ng

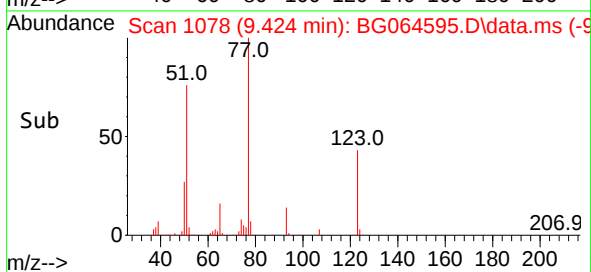
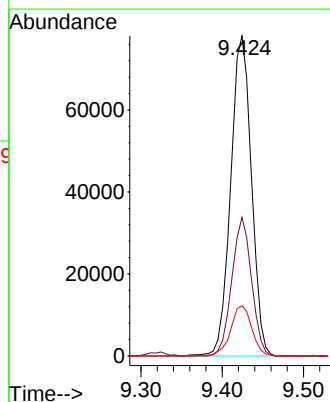
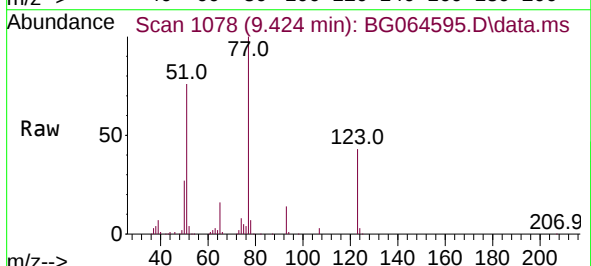
RT: 9.424 min Scan# 1078

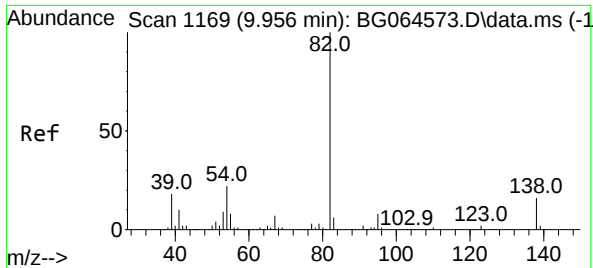
Delta R.T. -0.003 min

Lab File: BG064595.D

Acq: 27 Oct 2025 20:09

Tgt Ion: 77	Resp: 138208
Ion Ratio	Lower Upper
77 100	
123 43.3	31.0 46.6
65 15.6	12.7 19.1





#25
Isophorone
Concen: 46.741 ng
RT: 9.953 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS

Tgt Ion: 82 Resp: 277592
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 15.2 13.0 19.4

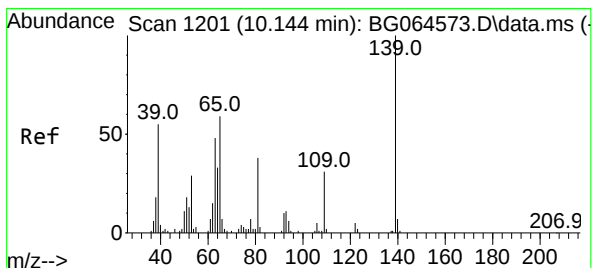
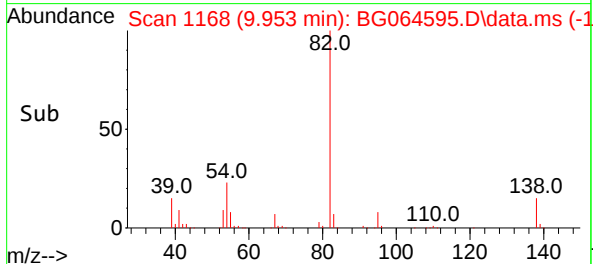
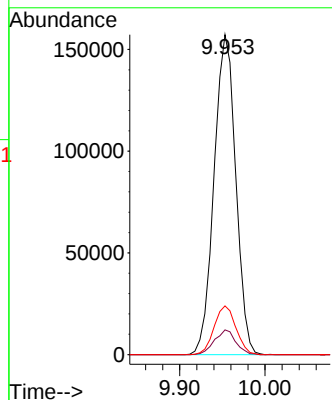
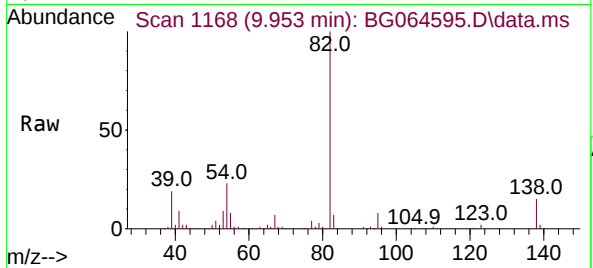
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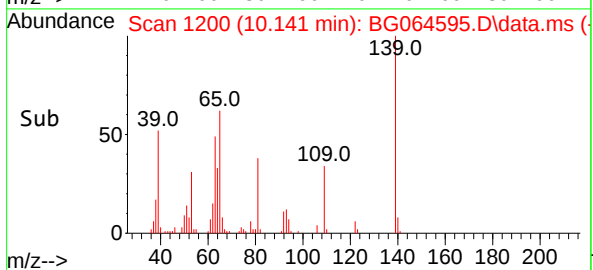
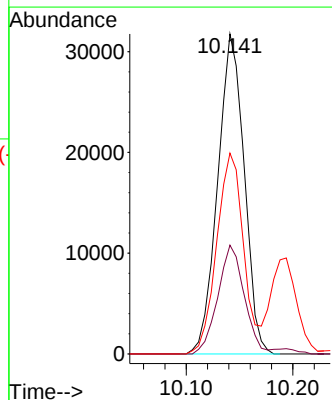
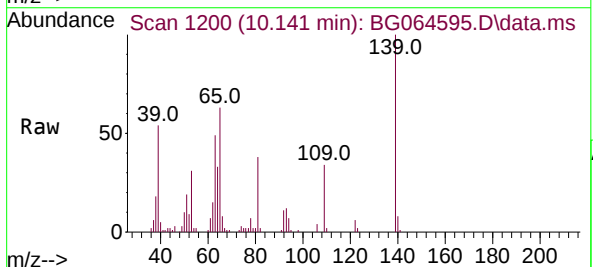
Supervised By :mohammad
ahmed

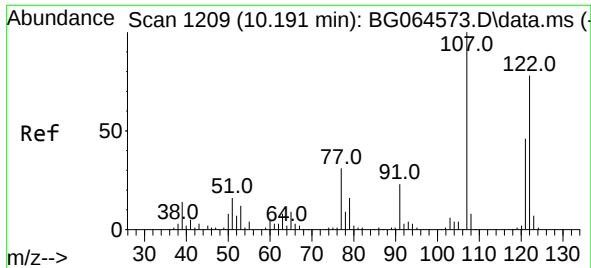
11/05/2025



#26
2-Nitrophenol
Concen: 52.454 ng
RT: 10.141 min Scan# 1200
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

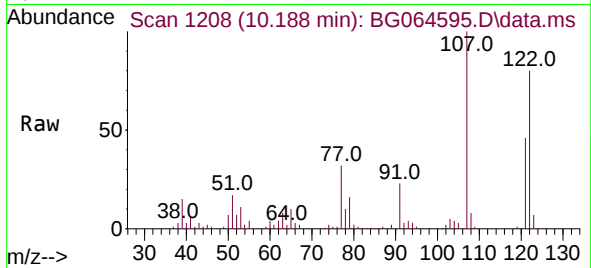
Tgt Ion:139 Resp: 54805
Ion Ratio Lower Upper
139 100
109 34.0 24.6 37.0
65 62.7 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 57.781 ng
RT: 10.188 min Scan# 1209
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



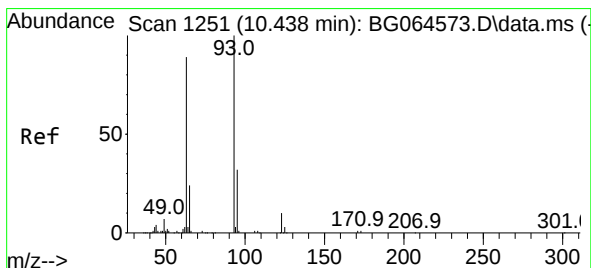
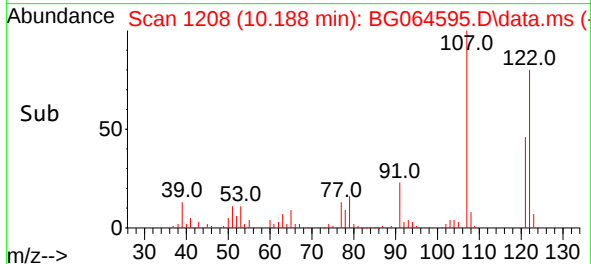
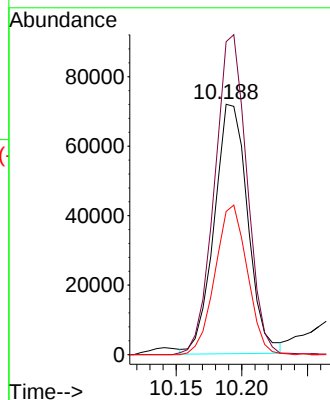
Tgt Ion:122 Resp: 127646
Ion Ratio Lower Upper
122 100
107 125.0 103.0 154.4
121 57.2 47.8 71.8

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Reviewed By :Rahul
Chavli

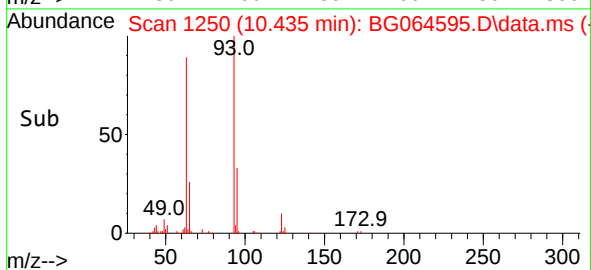
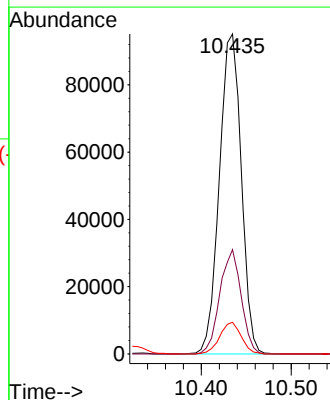
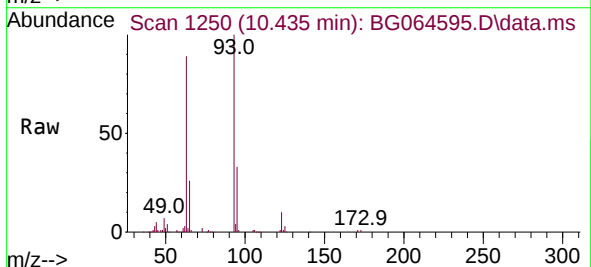
10/28/2025
Supervised By :mohammad
ahmed

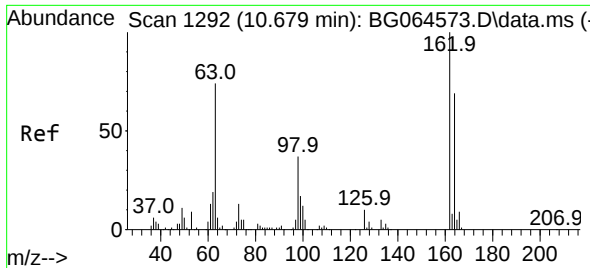
11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.836 ng
RT: 10.435 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

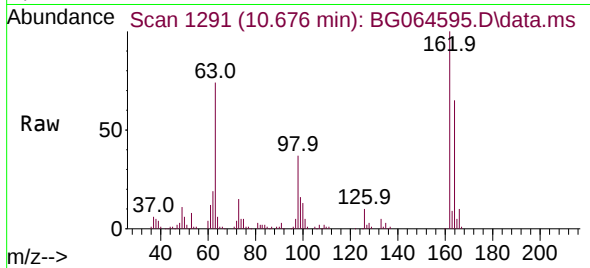
Tgt Ion: 93 Resp: 161754
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 9.9 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 53.718 ng
RT: 10.676 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



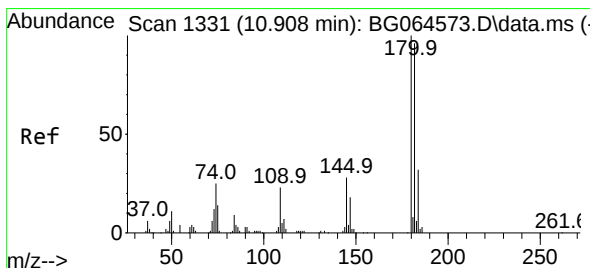
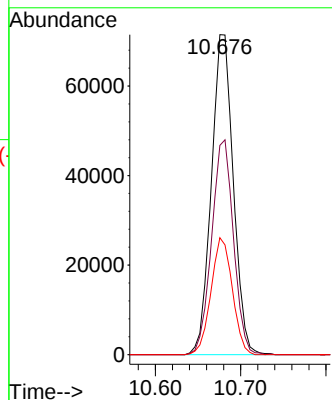
Tgt Ion:162 Resp: 127710
Ion Ratio Lower Upper
162 100
164 65.4 48.7 88.7
98 36.5 16.9 56.9

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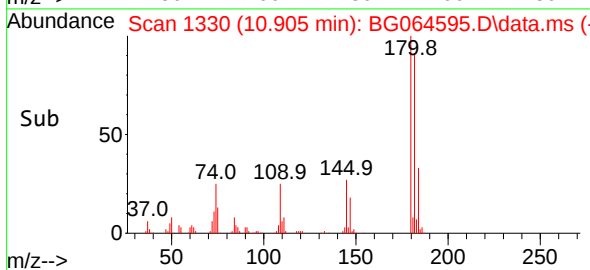
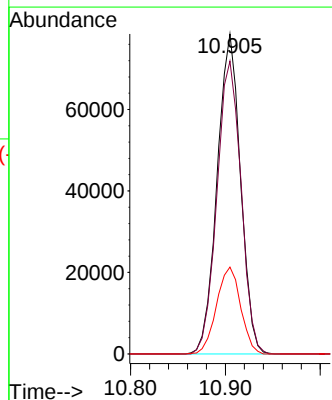
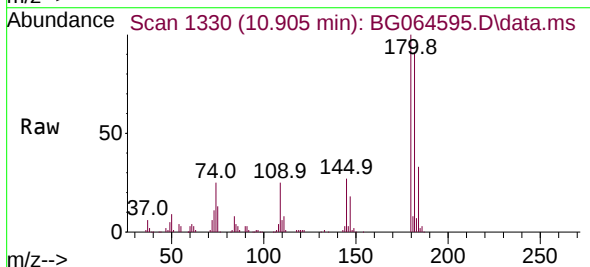
10/28/2025
Supervised By :mohammad
ahmed

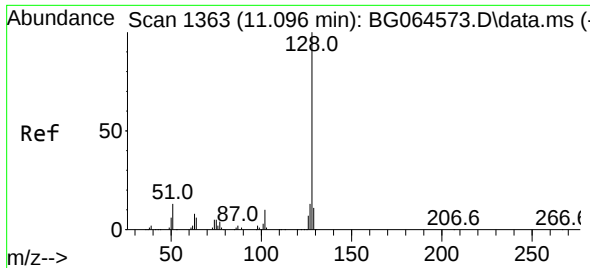
11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.688 ng
RT: 10.905 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:180 Resp: 134218
Ion Ratio Lower Upper
180 100
182 91.5 76.9 115.3
145 27.1 22.1 33.1





#31
Naphthalene
Concen: 46.838 ng
RT: 11.093 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS

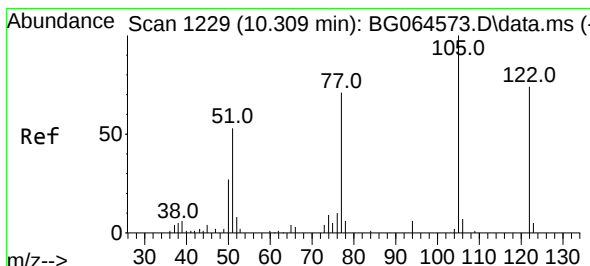
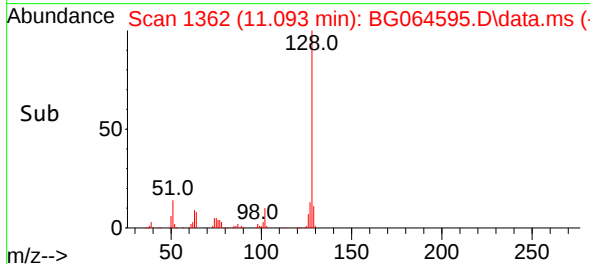
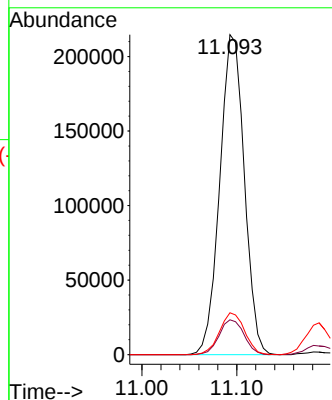
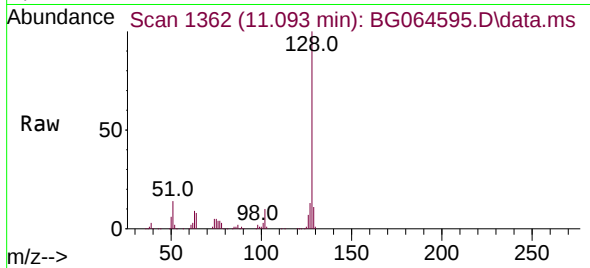
Tgt Ion:128 Resp: 386042
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.6 15.8

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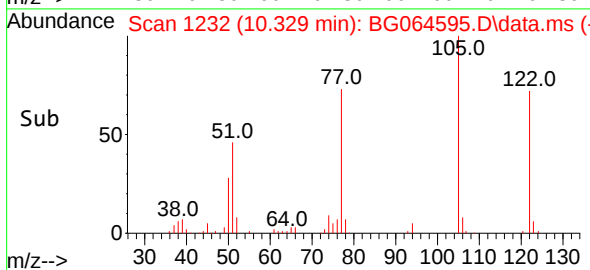
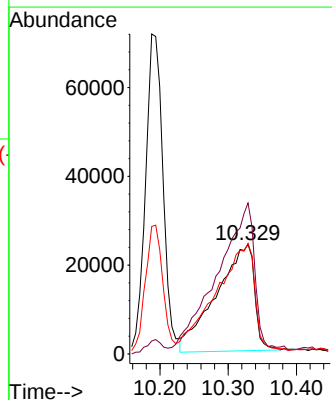
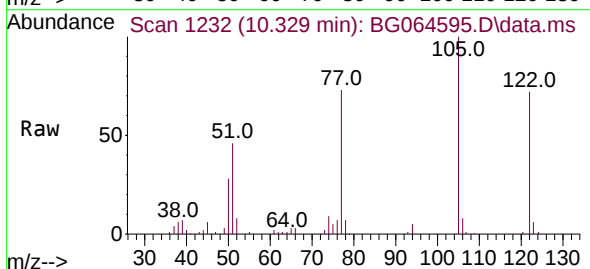
10/28/2025
Supervised By :mohammad
ahmed

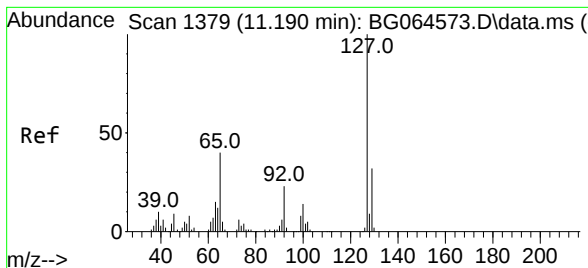
11/05/2025



#32
Benzoic acid
Concen: 53.981 ng
RT: 10.329 min Scan# 1232
Delta R.T. 0.020 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

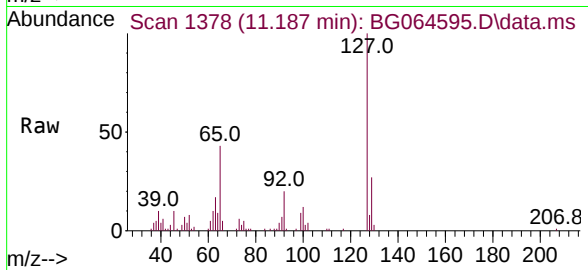
Tgt Ion:122 Resp: 92707
Ion Ratio Lower Upper
122 100
105 137.9 104.2 144.2
77 101.1 70.2 110.2





#33
4-Chloroaniline
Concen: 11.968 ng
RT: 11.187 min Scan# 1378
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



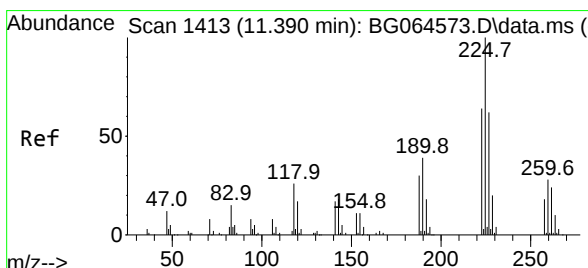
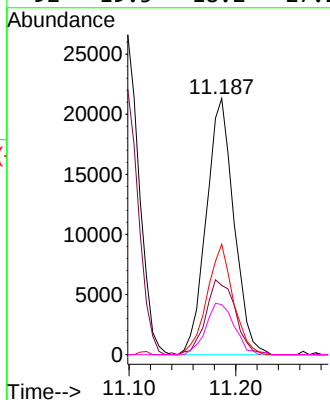
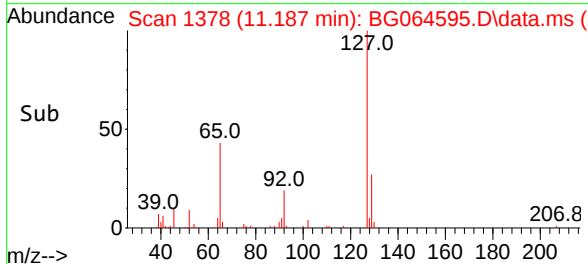
Tgt Ion:127 Resp: 38338
Ion Ratio Lower Upper
127 100
129 27.0 25.5 38.3
65 43.1 32.2 48.4
92 19.5 18.2 27.2

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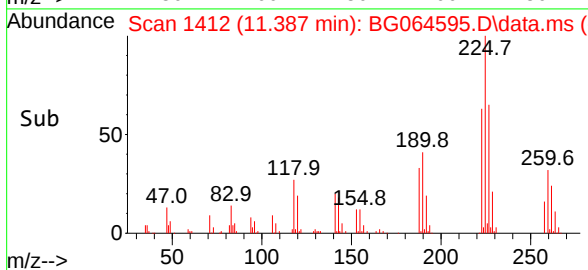
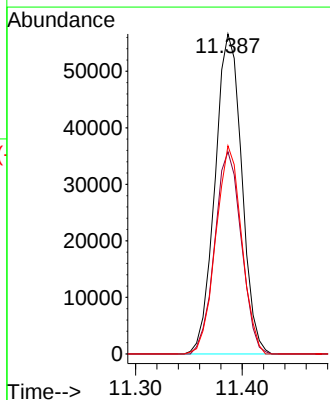
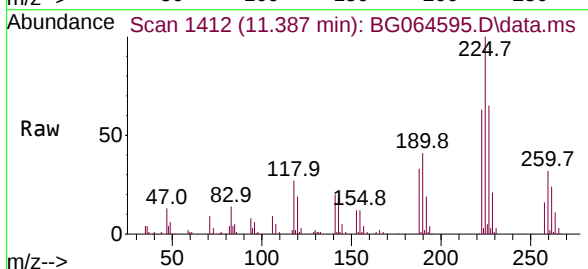
10/28/2025
Supervised By :mohammad
ahmed

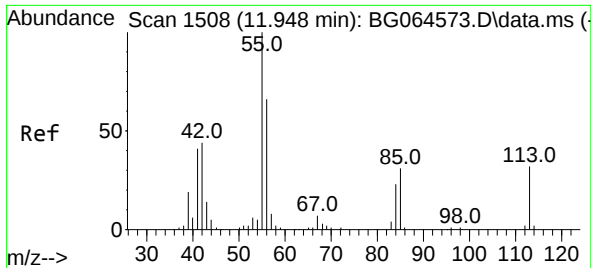
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#34
Hexachlorobutadiene
Concen: 46.757 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

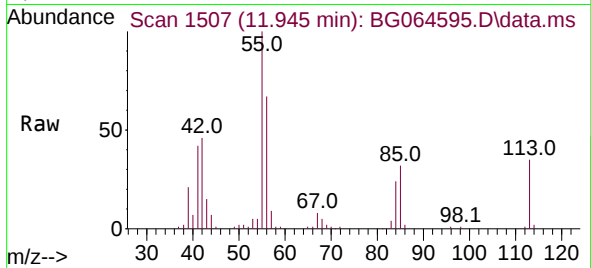
Tgt Ion:225 Resp: 98774
Ion Ratio Lower Upper
225 100
223 66.0 48.8 73.2
227 67.7 49.5 74.3





#35
Caprolactam
Concen: 46.366 ng m
RT: 11.945 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



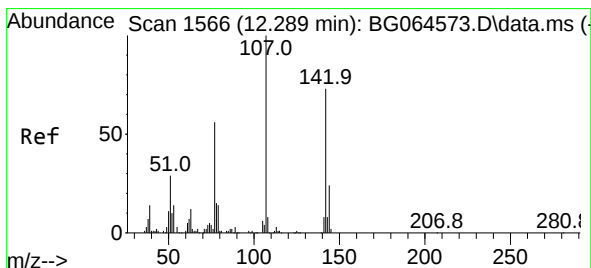
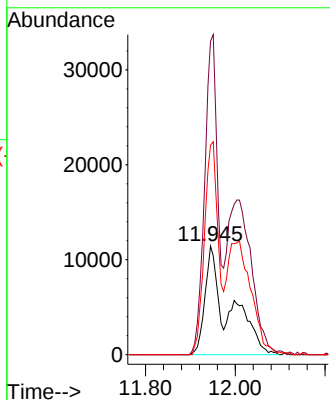
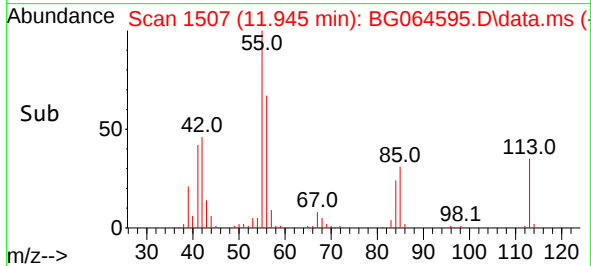
Tgt Ion:113 Resp: 42279
Ion Ratio Lower Upper
113 100
55 288.8 290.1 330.1
56 192.9 183.8 223.8

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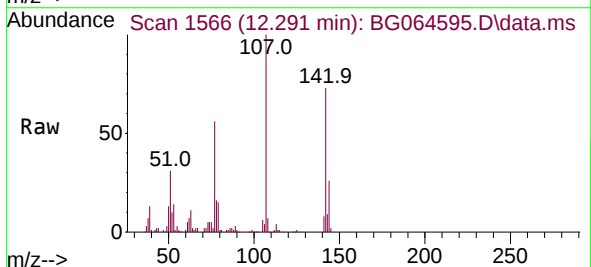
Reviewed By :Rahul
Chavli

10/28/2025
Supervised By :mohammad
ahmed

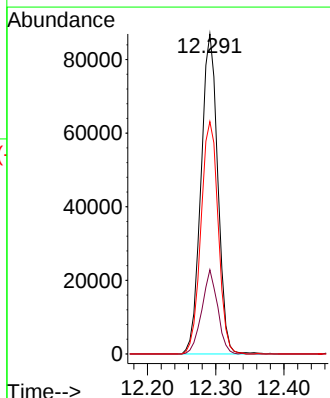
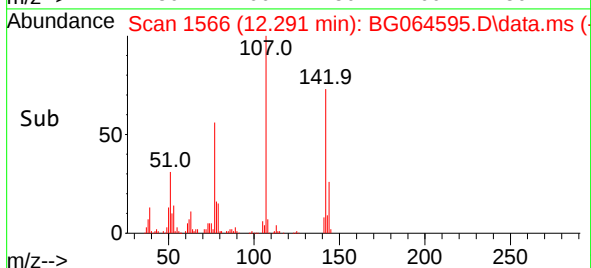
11/05/2025

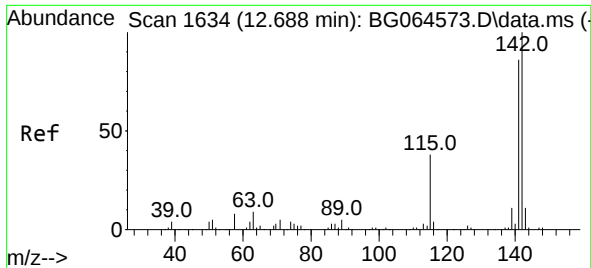


#36
4-Chloro-3-methylphenol
Concen: 52.019 ng
RT: 12.291 min Scan# 1566
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09



Tgt Ion:107 Resp: 148655
Ion Ratio Lower Upper
107 100
144 26.3 19.1 28.7
142 72.6 58.6 87.8





#37
2-Methylnaphthalene
Concen: 44.063 ng
RT: 12.685 min Scan# 1633
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS

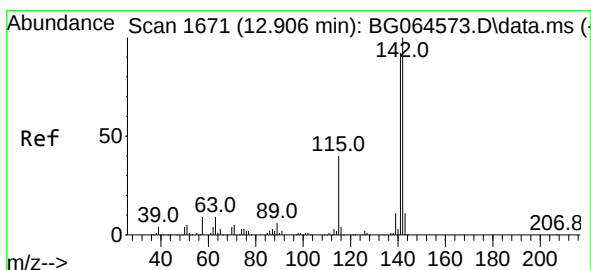
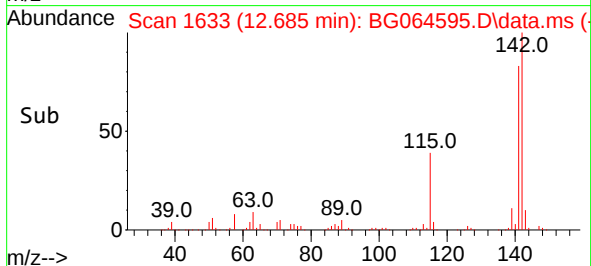
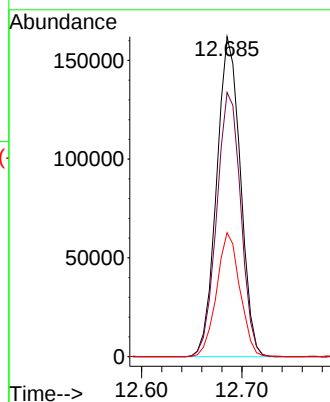
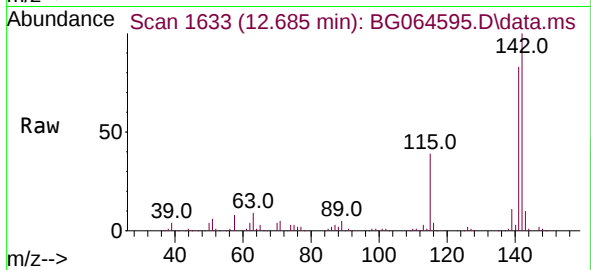
Tgt Ion:142 Resp: 266634
Ion Ratio Lower Upper
142 100
141 82.5 68.9 103.3
115 38.7 30.6 46.0

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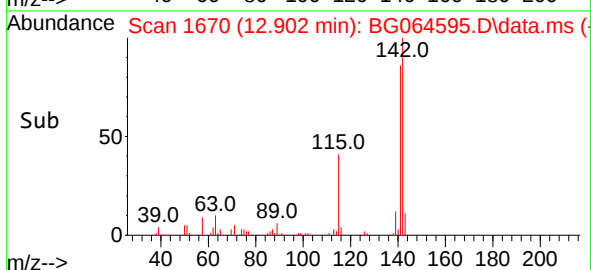
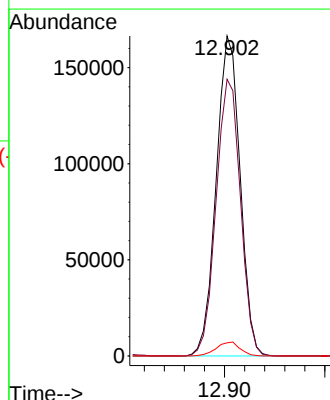
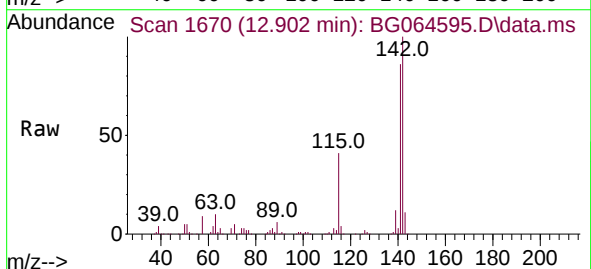
10/28/2025
Supervised By :mohammad
ahmed

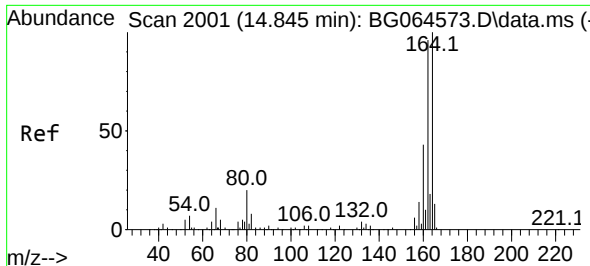
11/05/2025



#38
1-Methylnaphthalene
Concen: 45.986 ng
RT: 12.902 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

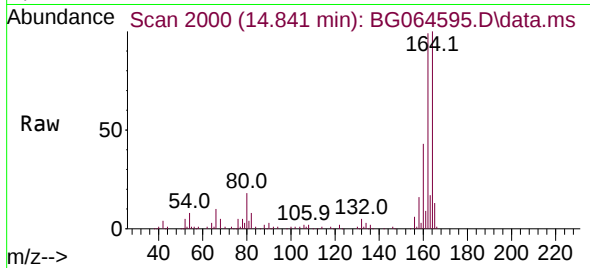
Tgt Ion:142 Resp: 275473
Ion Ratio Lower Upper
142 100
141 86.4 73.3 109.9
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



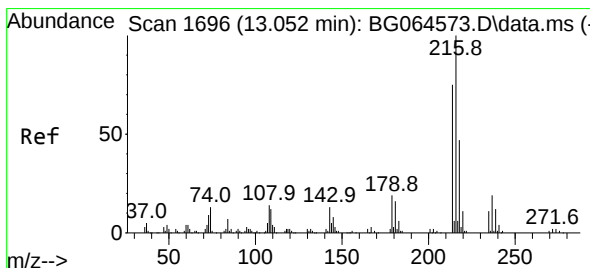
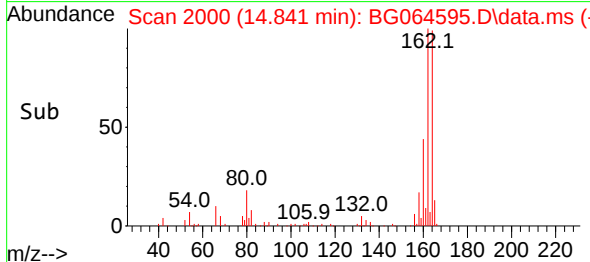
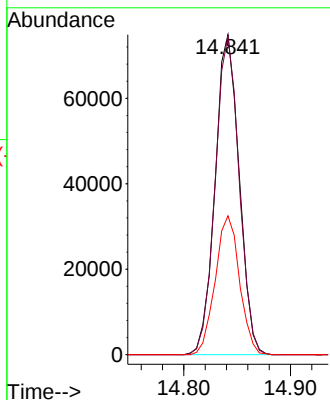
Tgt Ion:164 Resp: 117314
Ion Ratio Lower Upper
164 100
162 99.5 77.0 115.6
160 43.4 34.4 51.6

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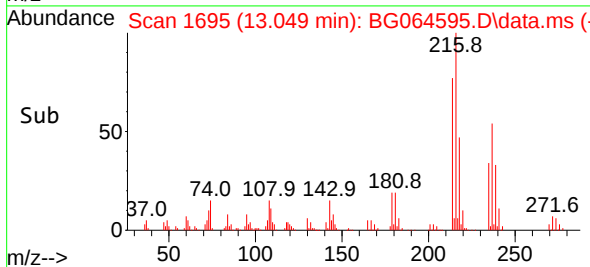
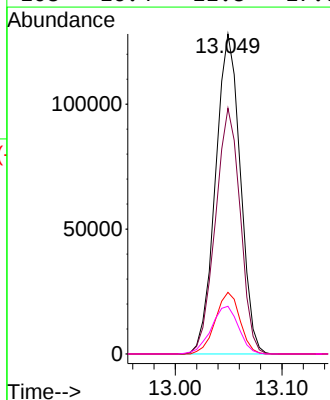
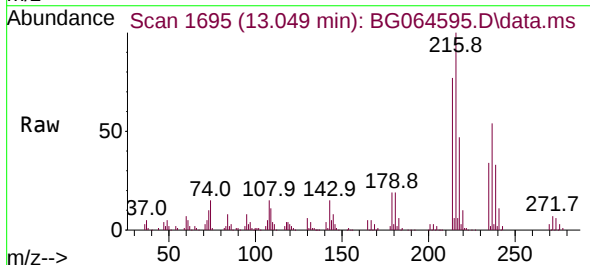
10/28/2025
Supervised By :mohammad
ahmed

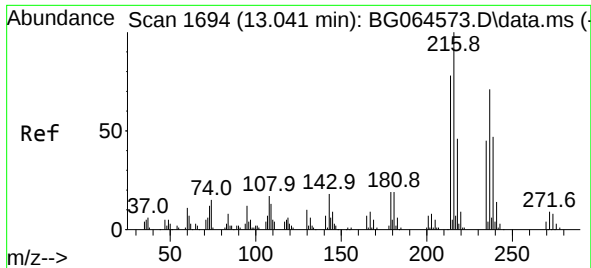
11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.684 ng
RT: 13.049 min Scan# 1695
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

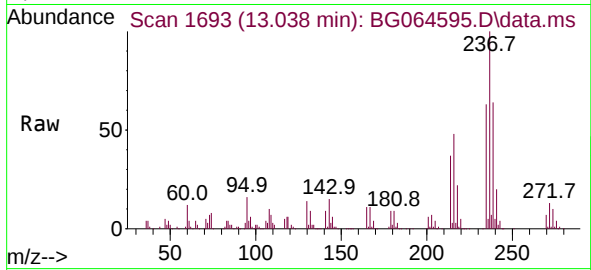
Tgt Ion:216 Resp: 207424
Ion Ratio Lower Upper
216 100
214 76.6 61.4 92.2
179 19.0 15.4 23.0
108 16.4 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 129.902 ng
RT: 13.038 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



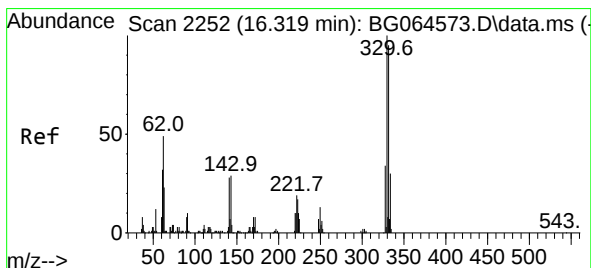
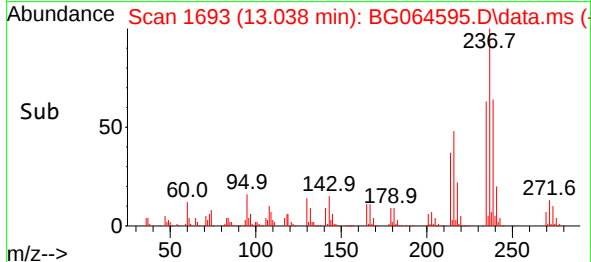
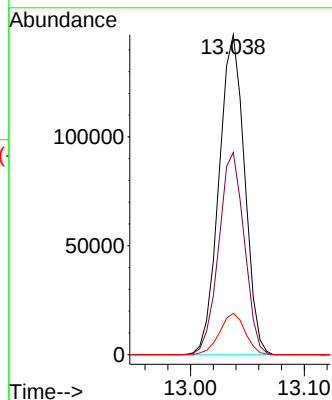
Tgt Ion:237 Resp: 230204
Ion Ratio Lower Upper
237 100
235 63.2 44.1 84.1
272 12.9 0.0 32.4

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Chavli

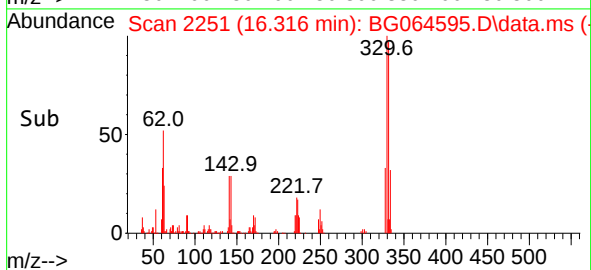
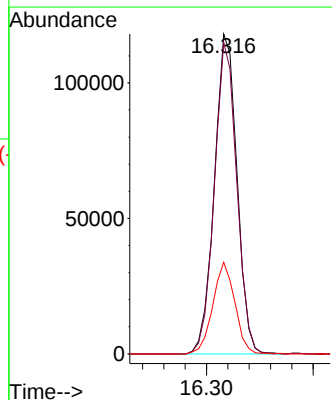
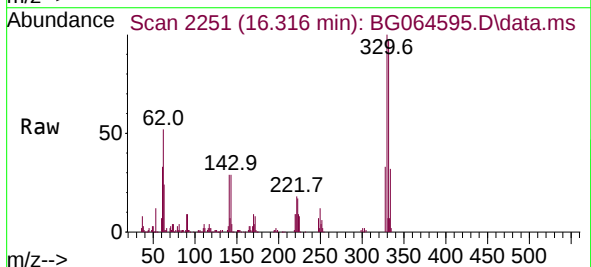
10/28/2025
Supervised By :mohammad
ahmed

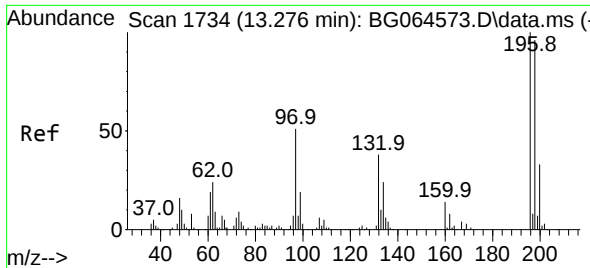
11/05/2025



#42
2,4,6-Tribromophenol
Concen: 102.660 ng
RT: 16.316 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

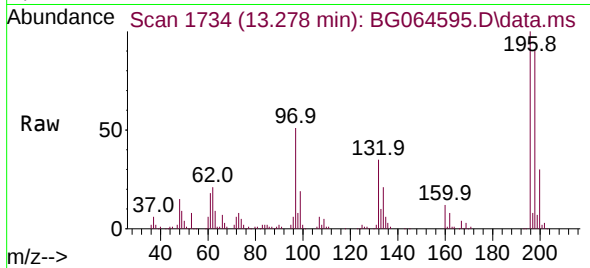
Tgt Ion:330 Resp: 173823
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.9 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 55.718 ng
RT: 13.278 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



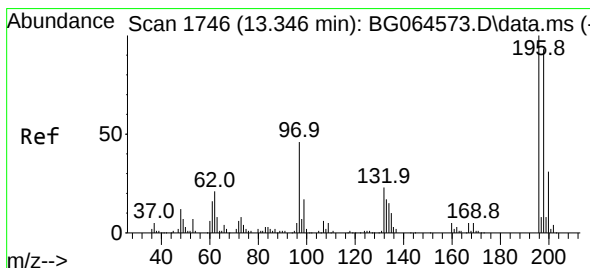
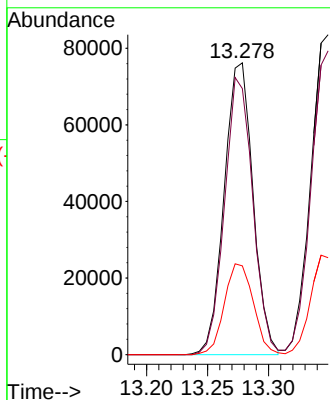
Tgt Ion:196 Resp: 125481
Ion Ratio Lower Upper
196 100
198 91.2 76.6 115.0
200 30.4 26.0 39.0

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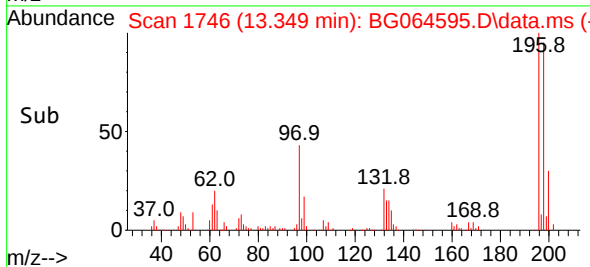
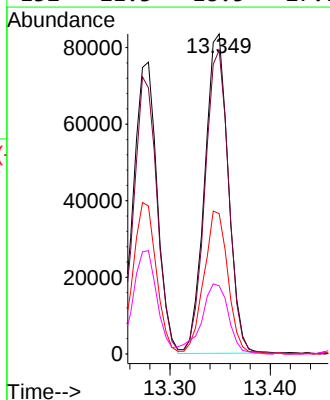
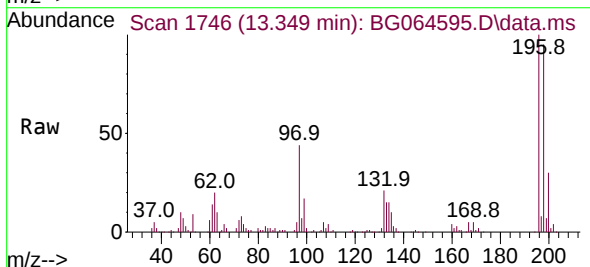
10/28/2025
Supervised By :mohammad
ahmed

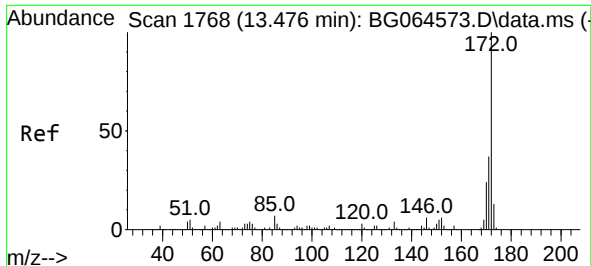
11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 52.464 ng
RT: 13.349 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

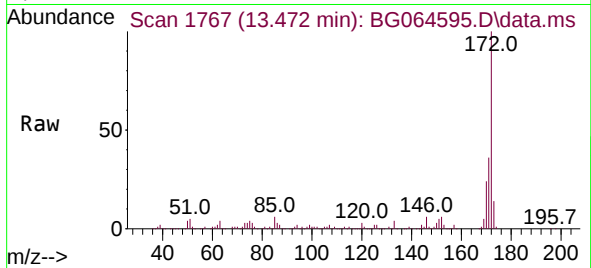
Tgt Ion:196 Resp: 136347
Ion Ratio Lower Upper
196 100
198 94.9 74.2 111.4
97 43.8 37.0 55.6
132 21.3 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 60.230 ng
RT: 13.472 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



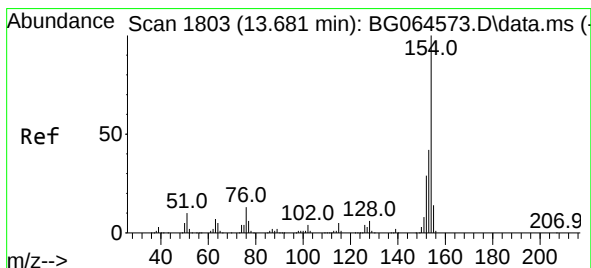
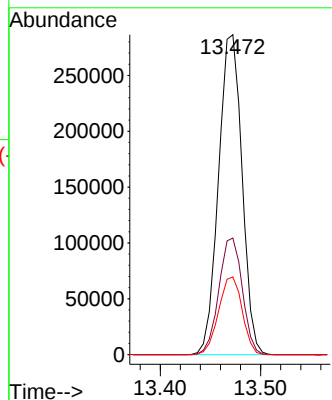
Tgt Ion:172 Resp: 466163
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.3 19.1 28.7

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Reviewed By :Rahul
Chavli

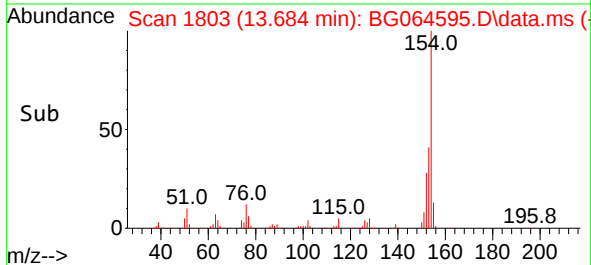
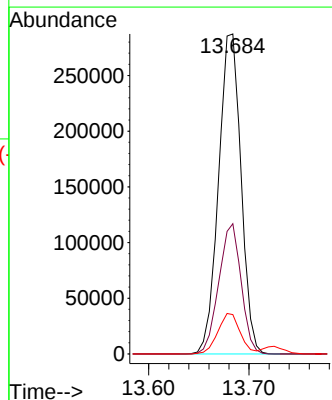
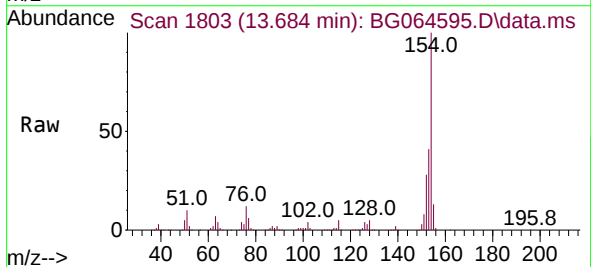
10/28/2025
Supervised By :mohammad
ahmed

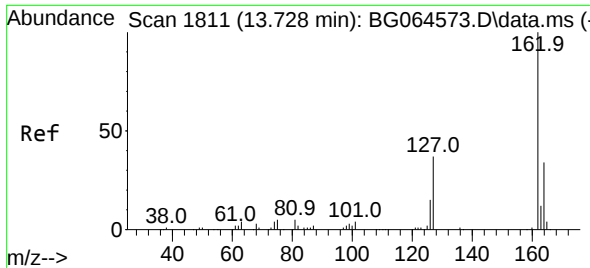
11/05/2025



#46
1,1'-Biphenyl
Concen: 53.643 ng
RT: 13.684 min Scan# 1803
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

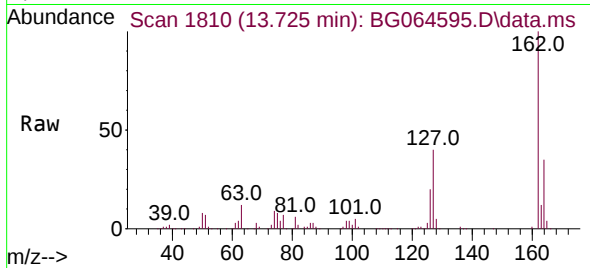
Tgt Ion:154 Resp: 447397
Ion Ratio Lower Upper
154 100
153 40.7 22.4 62.4
76 12.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.869 ng
RT: 13.725 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



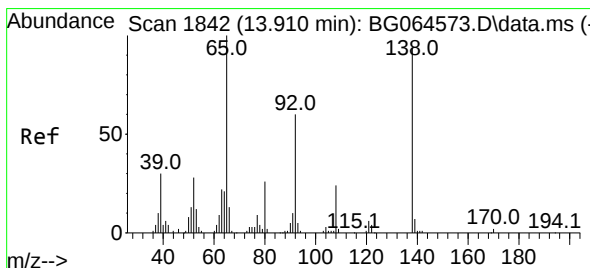
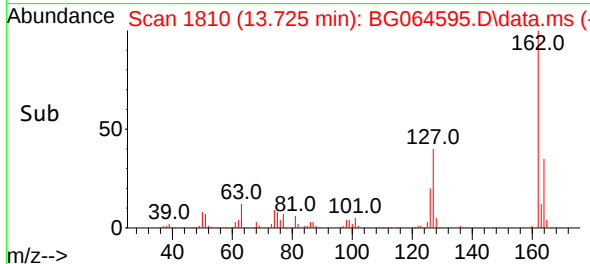
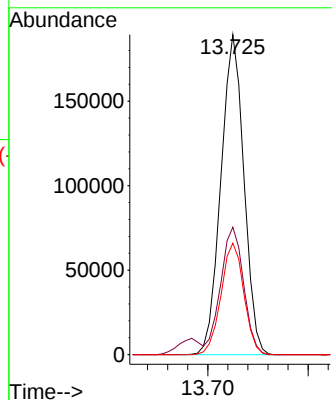
Tgt Ion:162 Resp: 301356
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 34.8 27.5 41.3

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Reviewed By :Rahul
Chavli

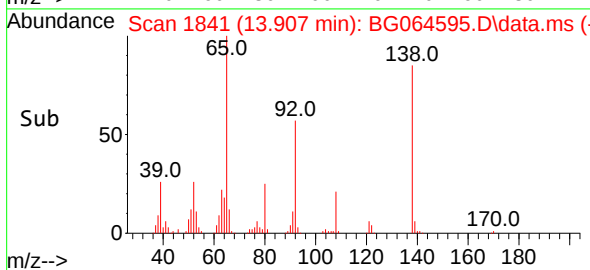
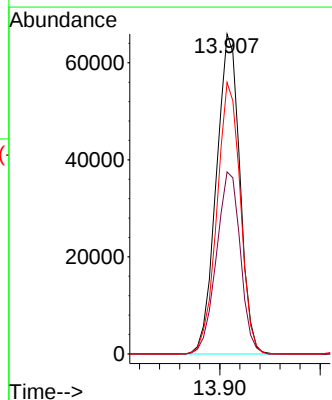
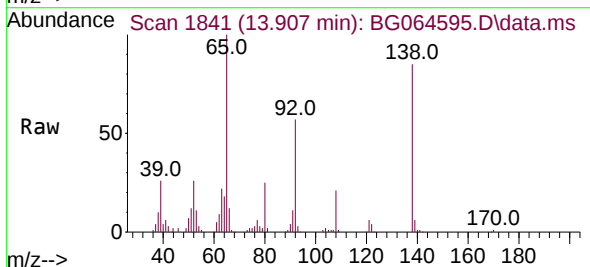
10/28/2025
Supervised By :mohammad
ahmed

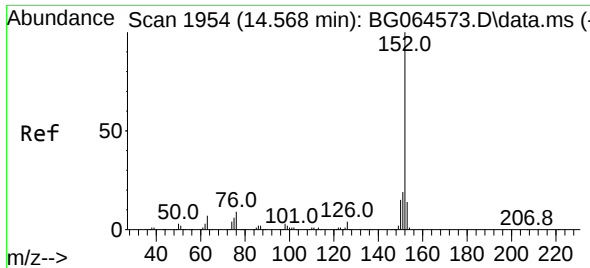
11/05/2025



#48
2-Nitroaniline
Concen: 50.534 ng
RT: 13.907 min Scan# 1841
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

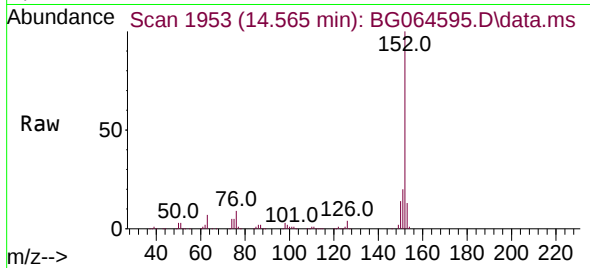
Tgt Ion: 65 Resp: 107185
Ion Ratio Lower Upper
65 100
92 56.9 48.3 72.5
138 84.8 74.9 112.3





#49
Acenaphthylene
Concen: 55.022 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



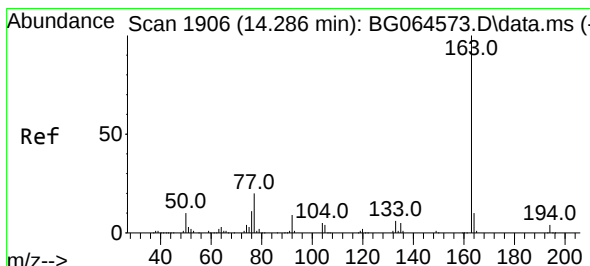
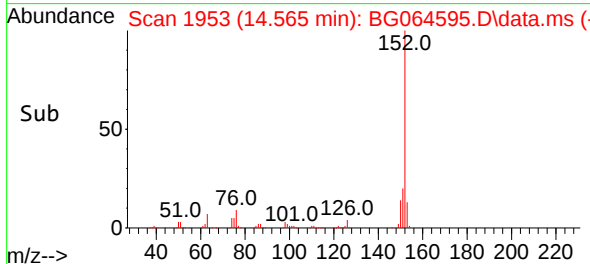
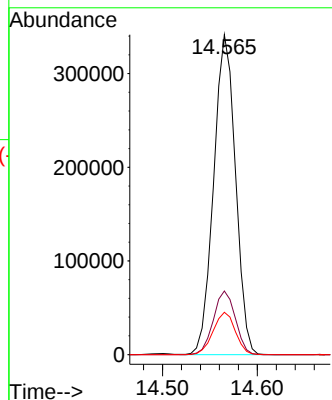
Tgt Ion:152 Resp: 54637
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 13.2 11.0 16.4

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Reviewed By :Rahul
Chavli

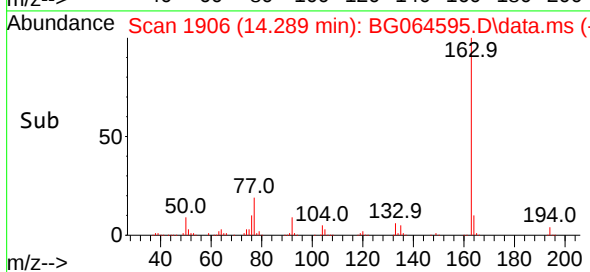
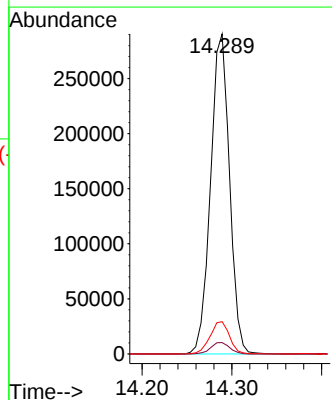
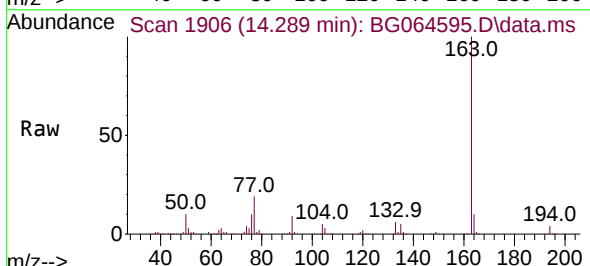
10/28/2025
Supervised By :mohammad
ahmed

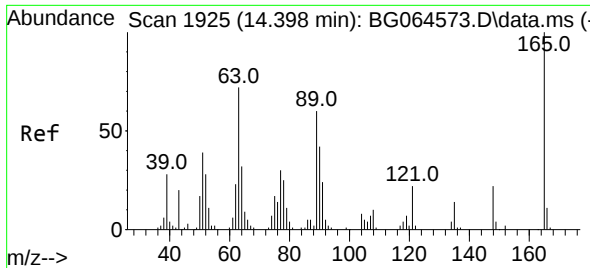
11/05/2025



#50
Dimethylphthalate
Concen: 47.283 ng
RT: 14.289 min Scan# 1906
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

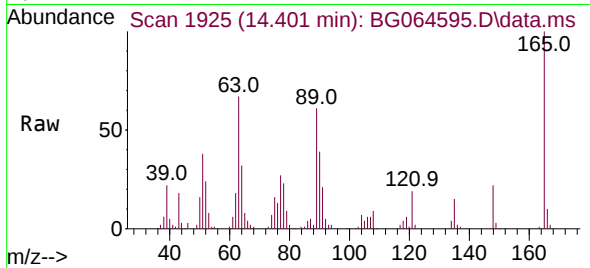
Tgt Ion:163 Resp: 424454
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 53.641 ng
RT: 14.401 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



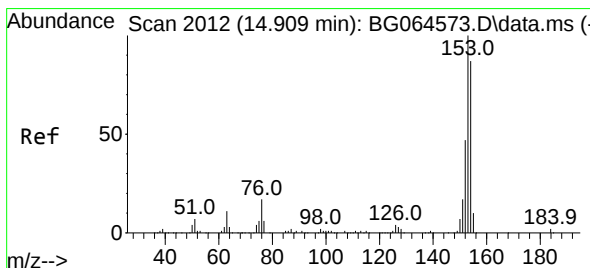
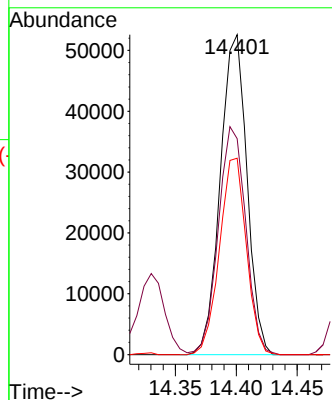
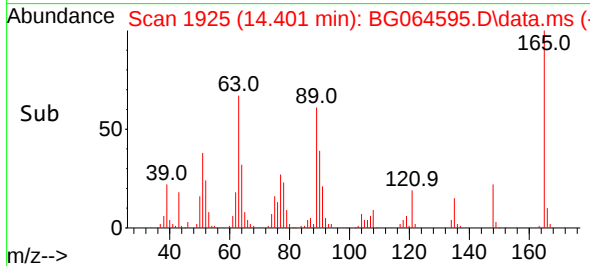
Tgt Ion:165 Resp: 80048
Ion Ratio Lower Upper
165 100
63 67.5 57.4 86.0
89 61.4 47.8 71.8

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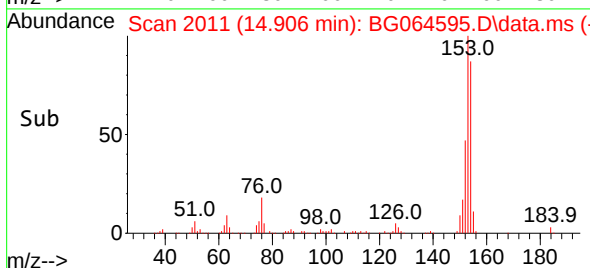
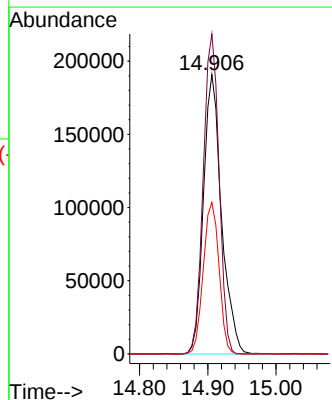
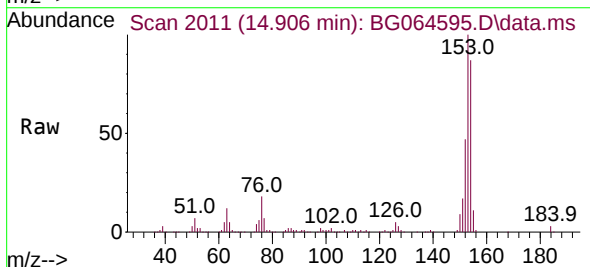
10/28/2025
Supervised By :mohammad
ahmed

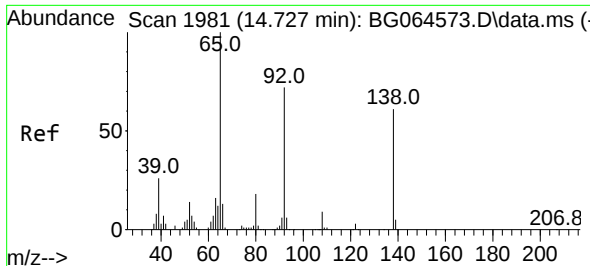
11/05/2025



#52
Acenaphthene
Concen: 51.791 ng
RT: 14.906 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:154 Resp: 351365
Ion Ratio Lower Upper
154 100
153 114.5 92.2 138.4
152 54.2 43.2 64.8





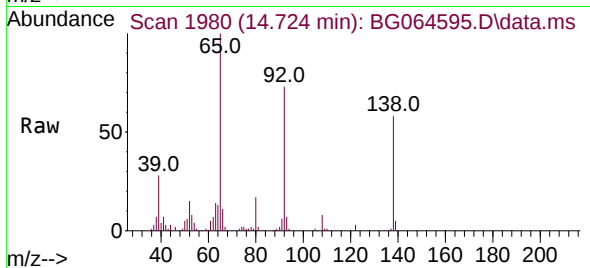
#53
3-Nitroaniline
Concen: 25.380 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS



Tgt Ion:138 Resp: 3915
Ion Ratio Lower Upper
138 100
108 14.5 11.4 17.0
92 124.5 95.3 142.9

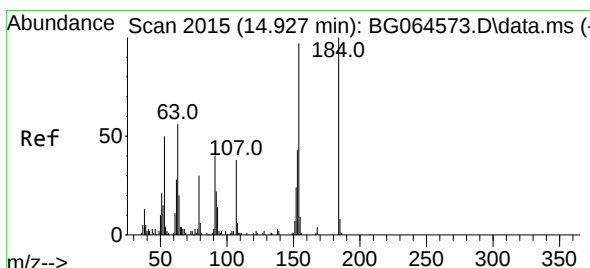
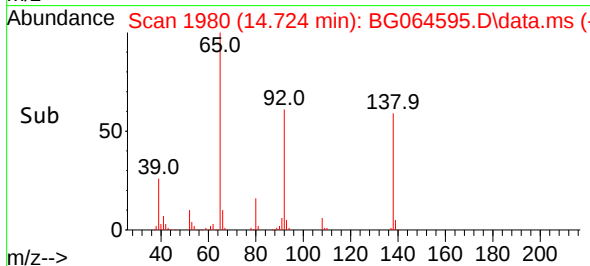
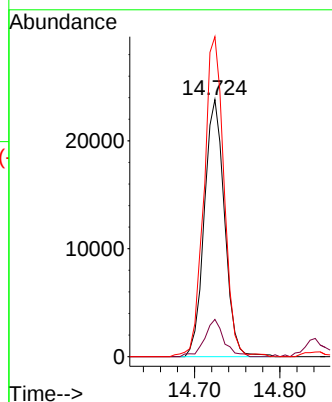
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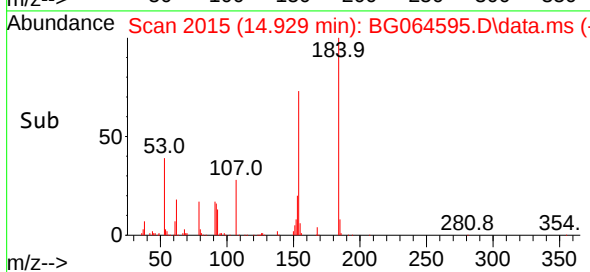
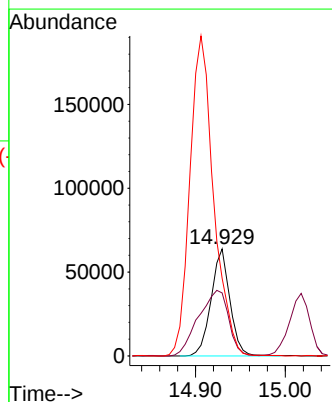
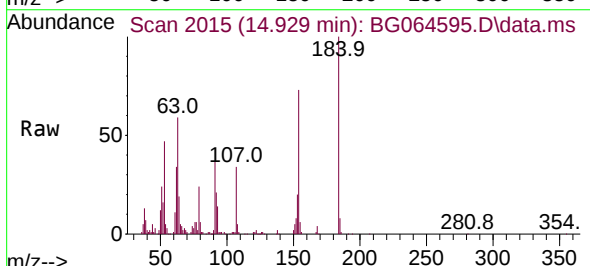
Supervised By :mohammad
ahmed

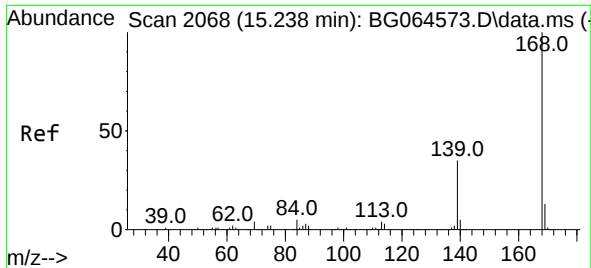
11/05/2025



#54
2,4-Dinitrophenol
Concen: 100.359 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

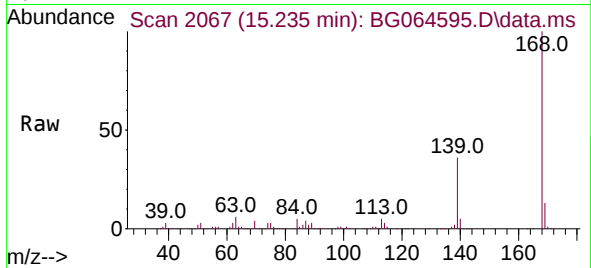
Tgt Ion:184 Resp: 92602
Ion Ratio Lower Upper
184 100
63 59.0 56.6 85.0
154 72.7 158.6 238.0#





#55
Dibenzenofuran
Concen: 47.966 ng
RT: 15.235 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



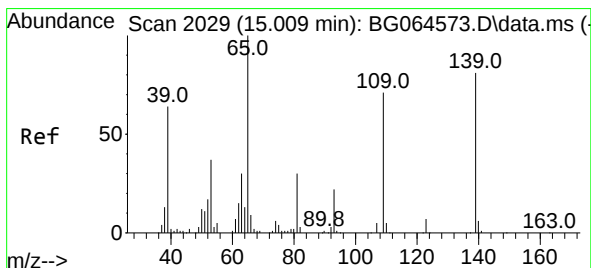
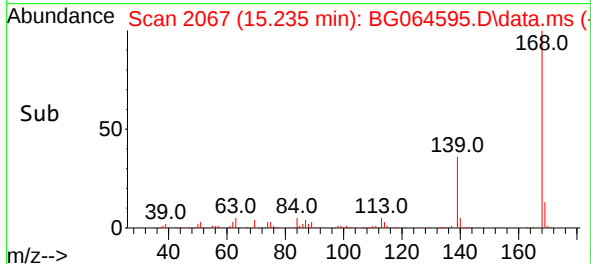
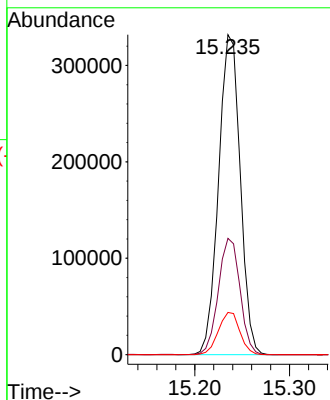
Tgt Ion:168 Resp: 526094
Ion Ratio Lower Upper
168 100
139 36.3 27.8 41.8
169 13.2 10.3 15.5

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Chavli

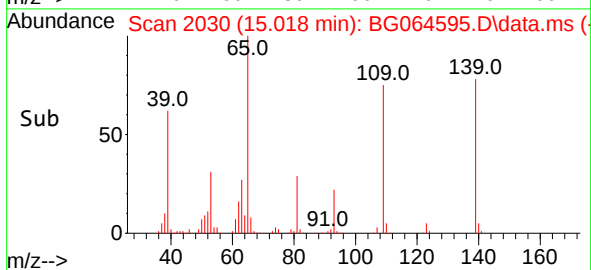
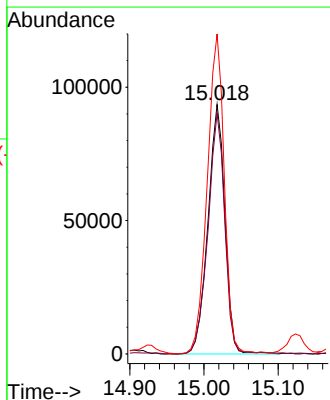
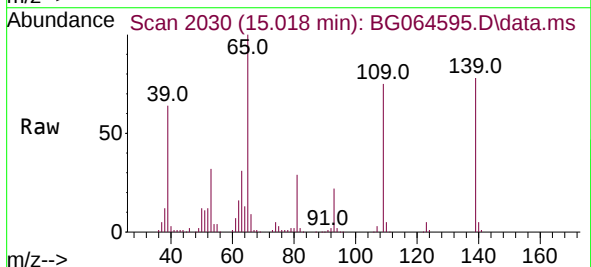
10/28/2025
Supervised By :mohammad
ahmed

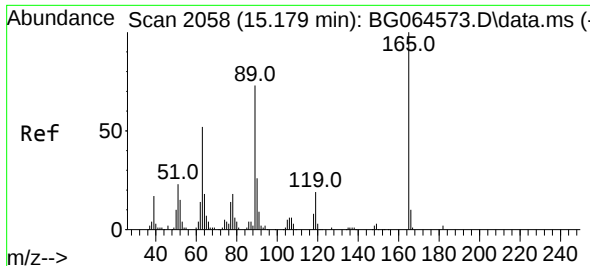
11/05/2025



#56
4-Nitrophenol
Concen: 104.320 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:139 Resp: 149211
Ion Ratio Lower Upper
139 100
109 96.4 67.8 107.8
65 128.3 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 52.391 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS

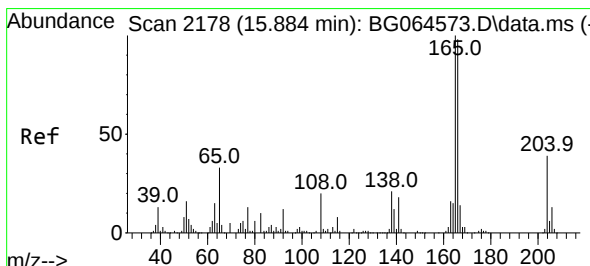
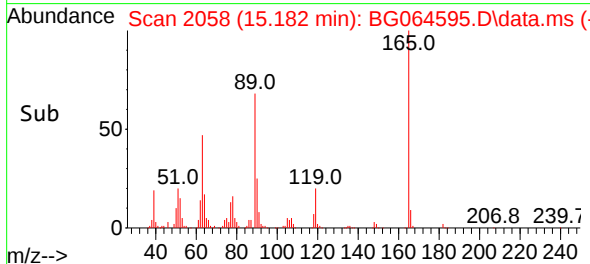
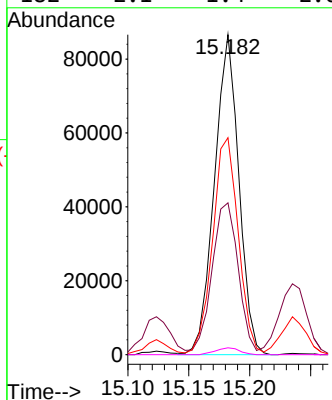
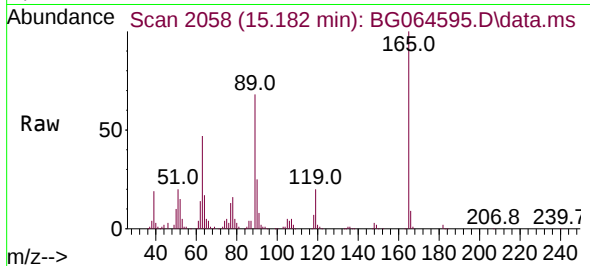
Tgt Ion:165 Resp: 120666
Ion Ratio Lower Upper
165 100
63 47.4 41.8 62.8
89 67.8 58.1 87.1
182 2.1 1.4 2.0

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Chavli

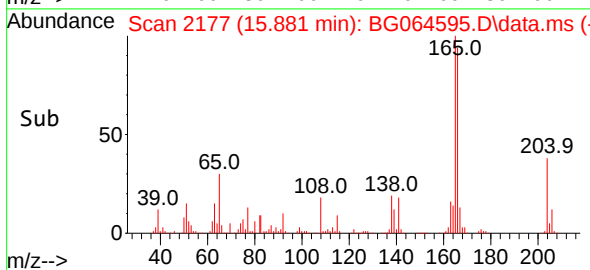
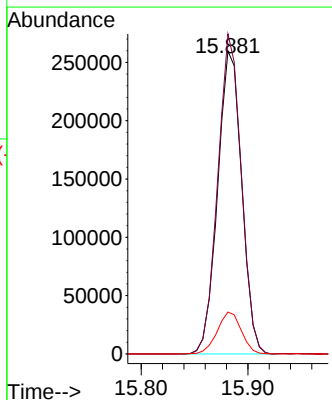
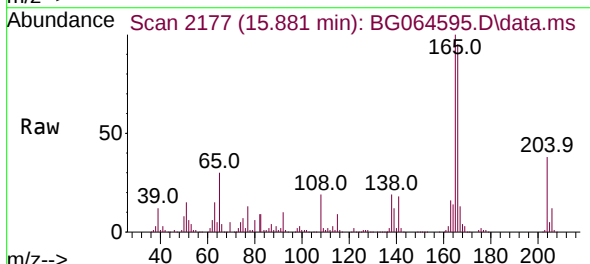
10/28/2025
Supervised By :mohammad
ahmed

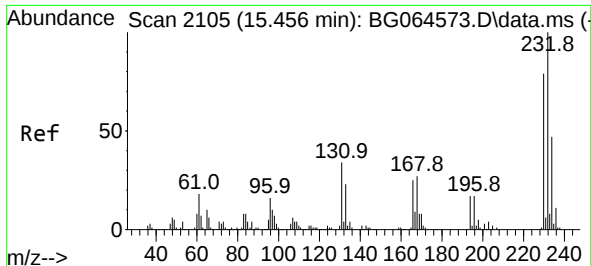
11/05/2025



#58
Fluorene
Concen: 47.612 ng
RT: 15.881 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

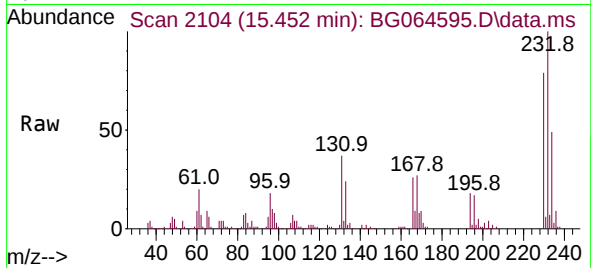
Tgt Ion:166 Resp: 407837
Ion Ratio Lower Upper
166 100
165 105.7 81.5 122.3
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.015 ng
RT: 15.452 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



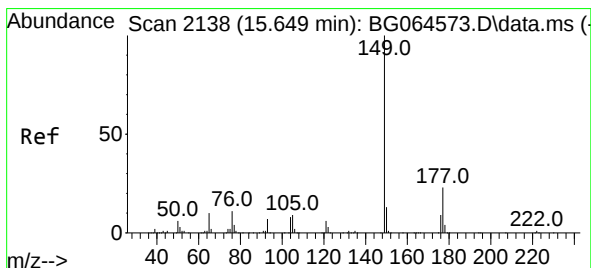
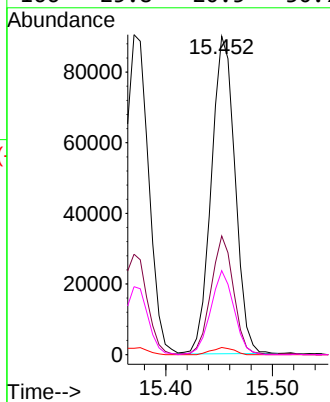
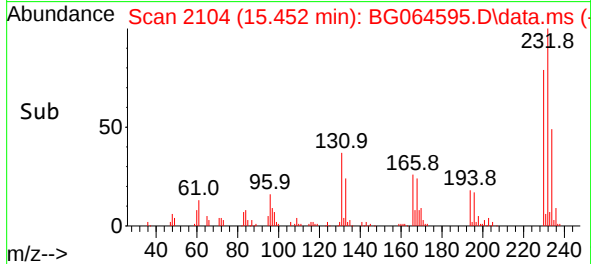
Tgt Ion:232 Resp: 139208
Ion Ratio Lower Upper
232 100
131 35.9 26.7 40.1
130 2.1 1.6 2.4
166 25.8 20.5 30.7

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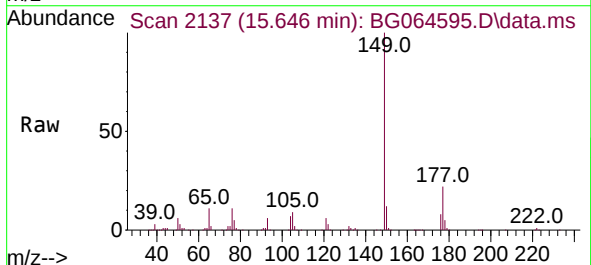
Reviewed By :Rahul
Chavli

10/28/2025
Supervised By :mohammad
ahmed

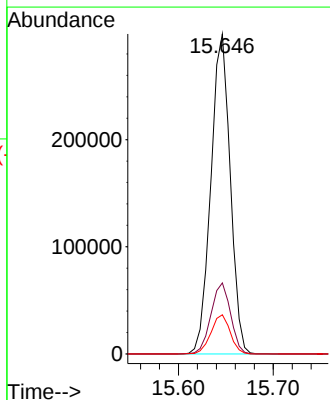
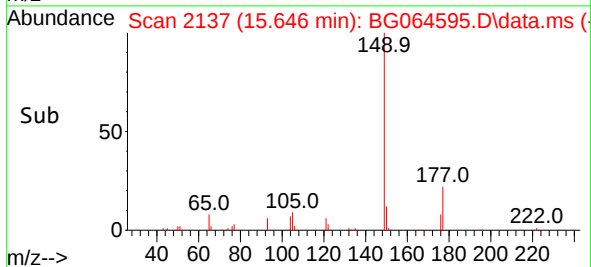
11/05/2025

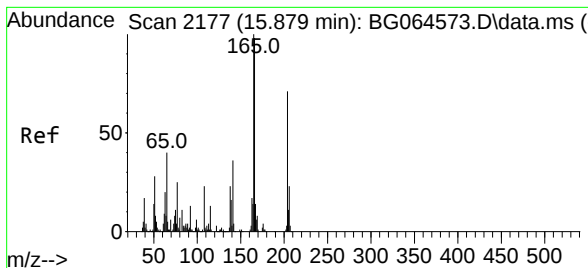


#60
Diethylphthalate
Concen: 46.182 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09



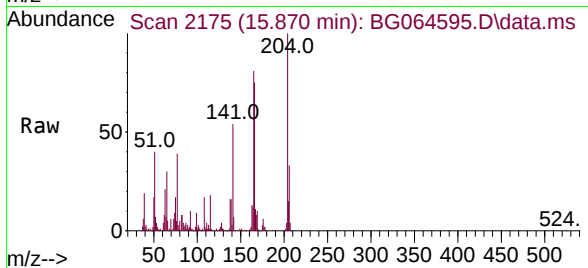
Tgt Ion:149 Resp: 423302
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.562 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



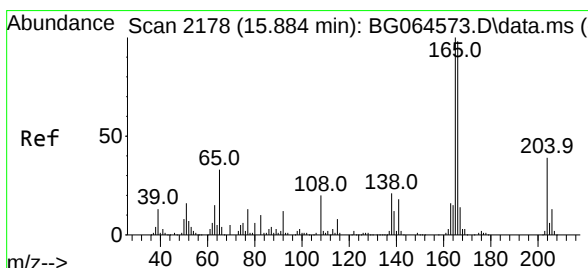
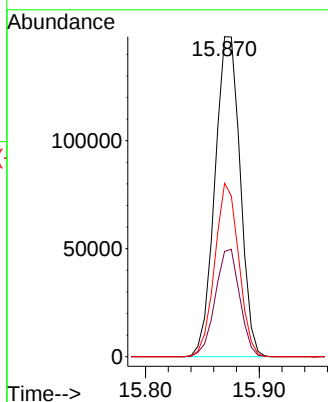
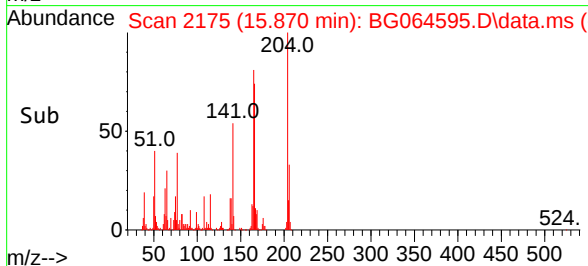
Tgt Ion:204 Resp: 228634
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 54.2 40.6 60.8

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Reviewed By :Rahul
Chavli

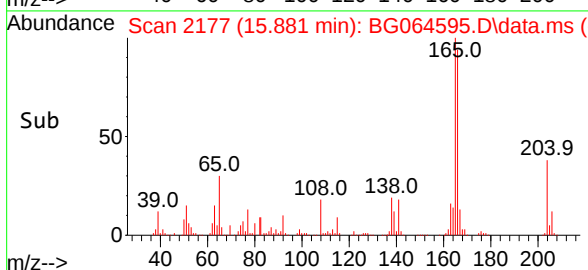
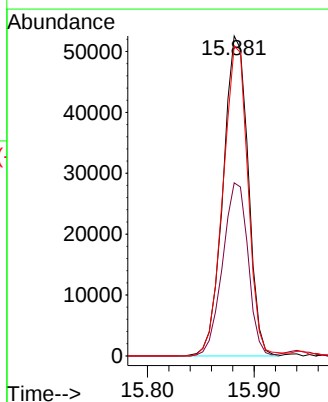
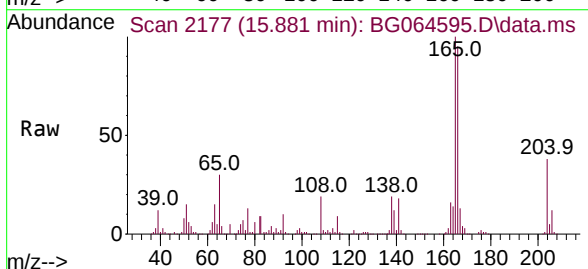
10/28/2025
Supervised By :mohammad
ahmed

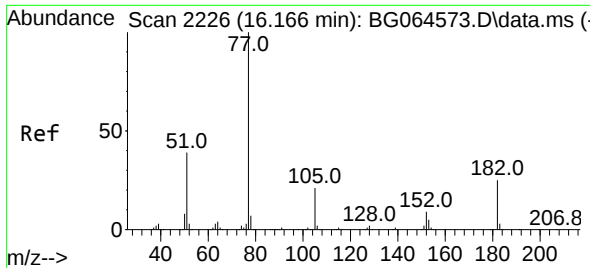
11/05/2025



#62
4-Nitroaniline
Concen: 49.749 ng
RT: 15.881 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:138 Resp: 85384
Ion Ratio Lower Upper
138 100
92 54.1 36.1 76.1
108 96.9 75.6 115.6





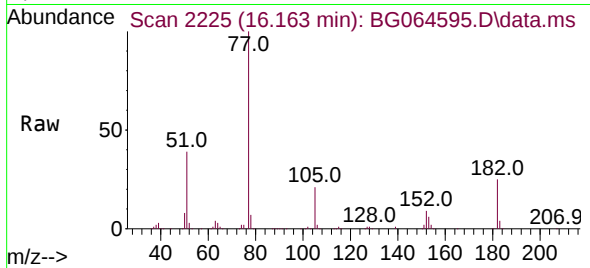
#63
Azobenzene
Concen: 52.430 ng
RT: 16.163 min Scan# 2226
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS



Tgt Ion: 77 Resp: 440936
Ion Ratio Lower Upper
77 100
182 25.0 4.9 44.9
105 20.9 1.3 41.3
51 38.9 19.0 59.0

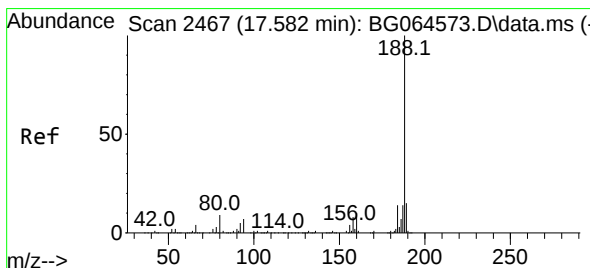
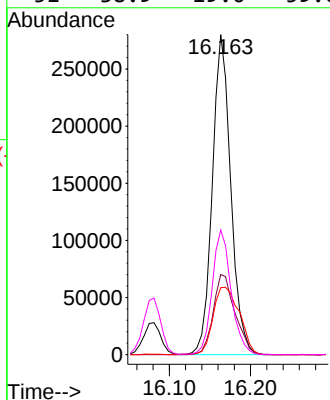
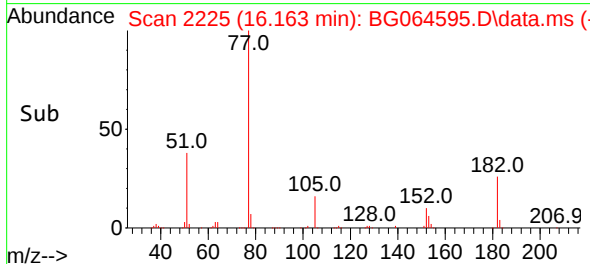
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Chavli

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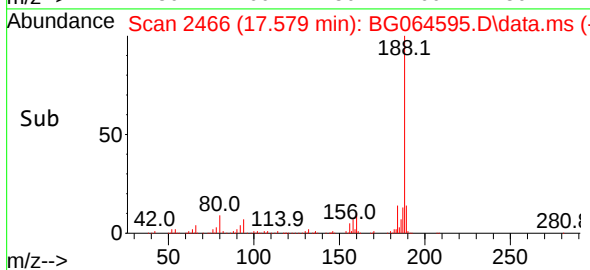
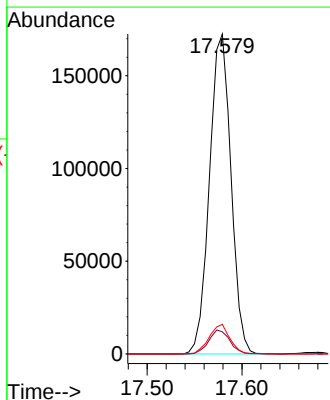
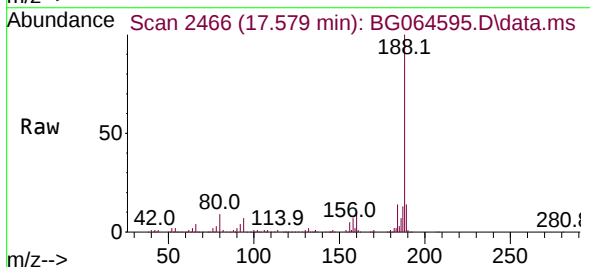
Supervised By :mohammad
ahmed

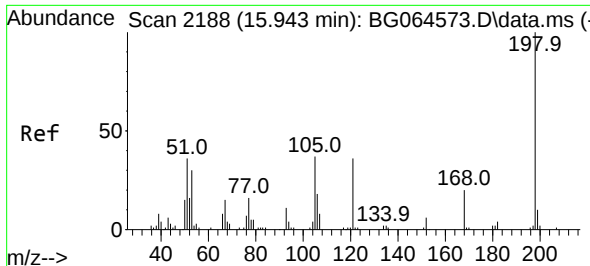
11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

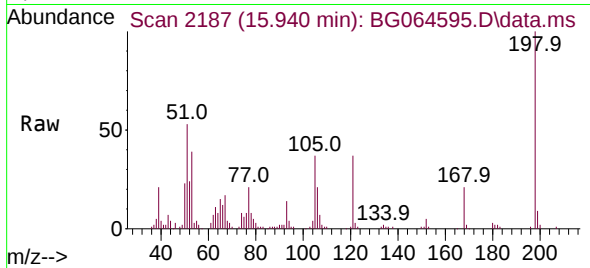
Tgt Ion:188 Resp: 271824
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 9.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.079 ng
RT: 15.940 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



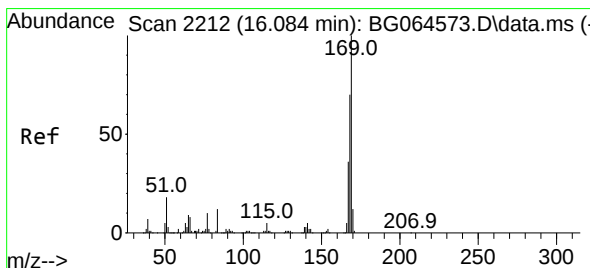
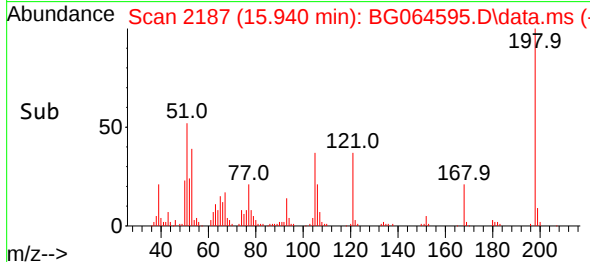
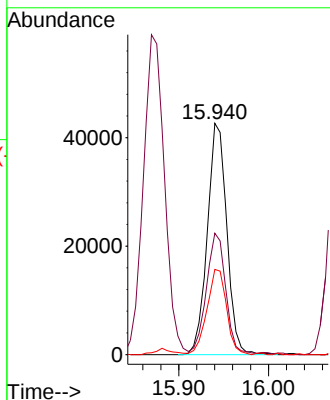
Tgt Ion:198 Resp: 64263
Ion Ratio Lower Upper
198 100
51 52.5 24.7 64.7
105 36.9 18.0 58.0

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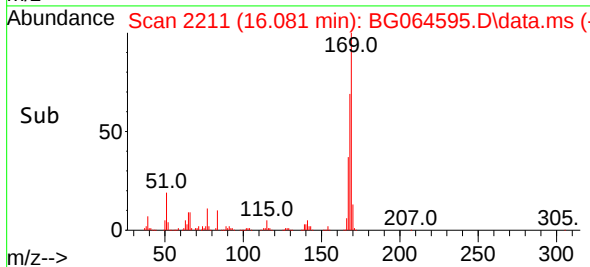
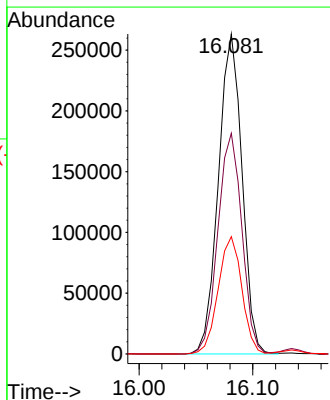
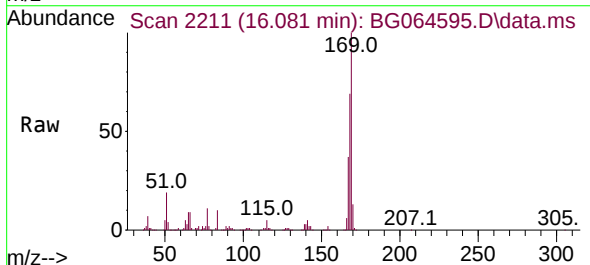
10/28/2025
Supervised By :mohammad
ahmed

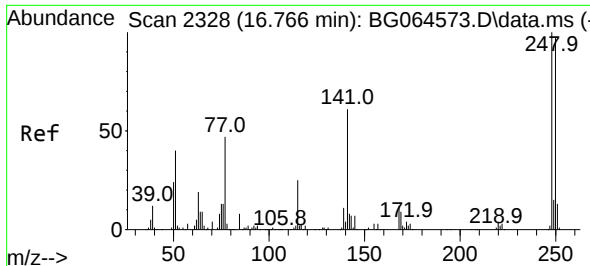
11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 51.695 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

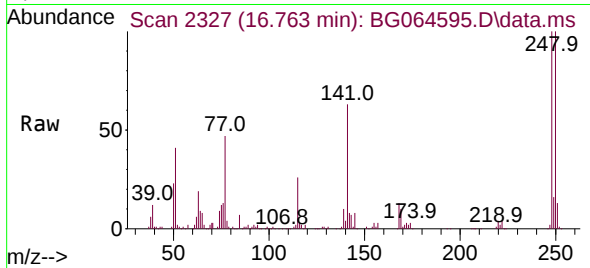
Tgt Ion:169 Resp: 379581
Ion Ratio Lower Upper
169 100
168 69.0 56.3 84.5
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.463 ng
RT: 16.763 min Scan# 2328
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



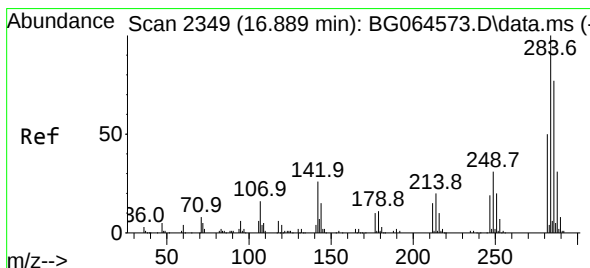
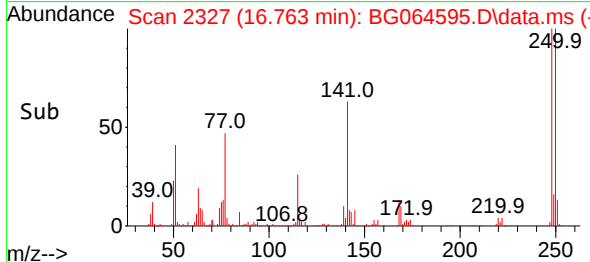
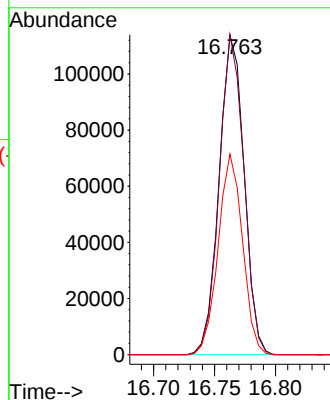
Tgt Ion:248 Resp: 16255
Ion Ratio Lower Upper
248 100
250 100.3 77.7 116.5
141 62.8 48.6 72.8

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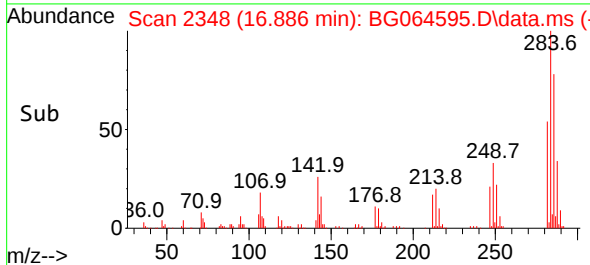
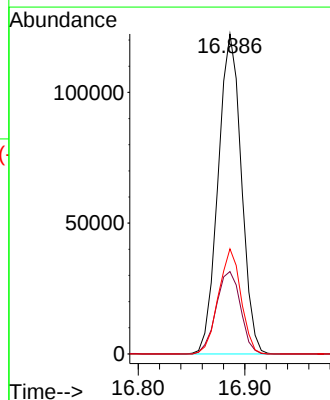
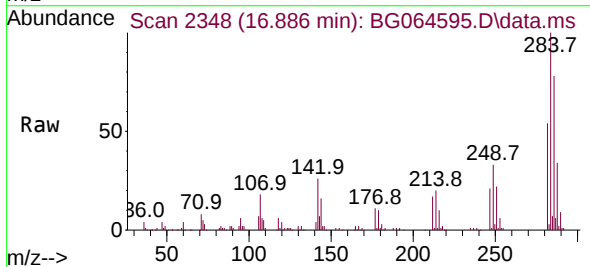
10/28/2025
Supervised By :mohammad
ahmed

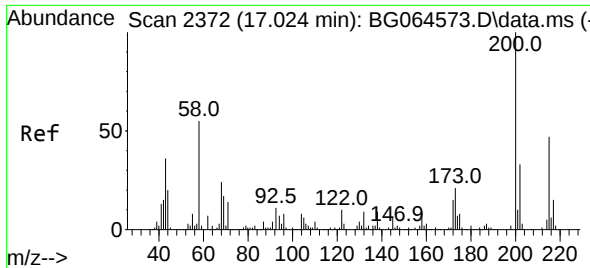
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#68
Hexachlorobenzene
Concen: 50.430 ng
RT: 16.886 min Scan# 2348
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

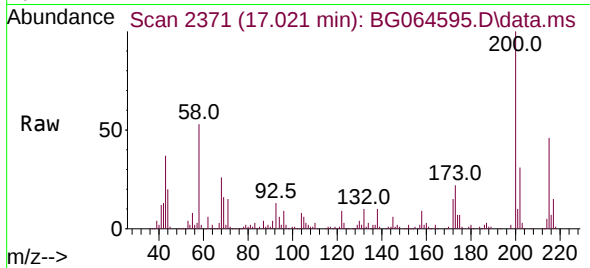
Tgt Ion:284 Resp: 185323
Ion Ratio Lower Upper
284 100
142 25.7 21.0 31.6
249 35.3 24.9 37.3





#69
 Atrazine
 Concen: 51.116 ng
 RT: 17.021 min Scan# 2372
 Delta R.T. -0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS



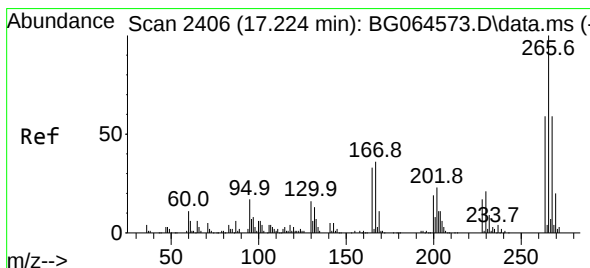
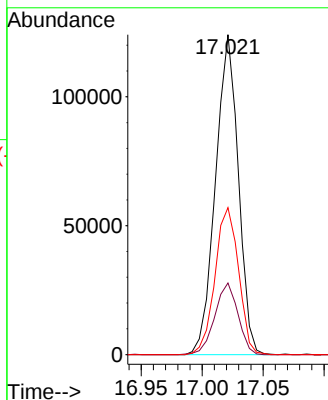
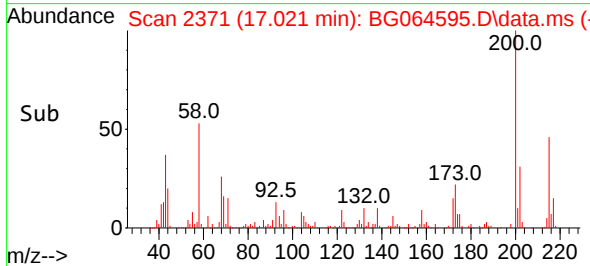
Tgt Ion:200 Resp: 161519
 Ion Ratio Lower Upper
 200 100
 173 22.4 0.9 40.9
 215 45.9 27.0 67.0

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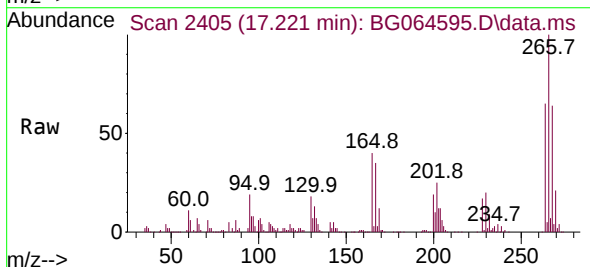
Reviewed By :Rahul
 Chavli

10/28/2025
 Supervised By :mohammad
 ahmed

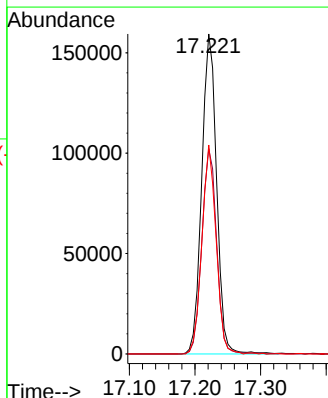
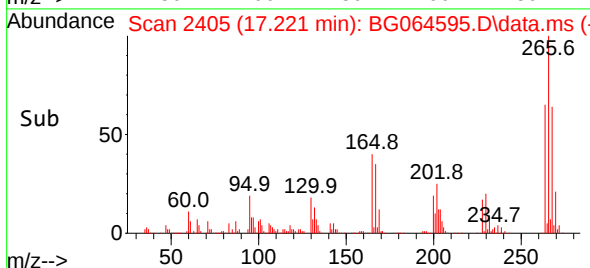
11/05/2025

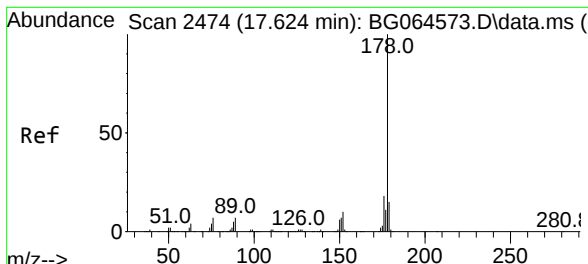


#70
 Pentachlorophenol
 Concen: 108.849 ng
 RT: 17.221 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09



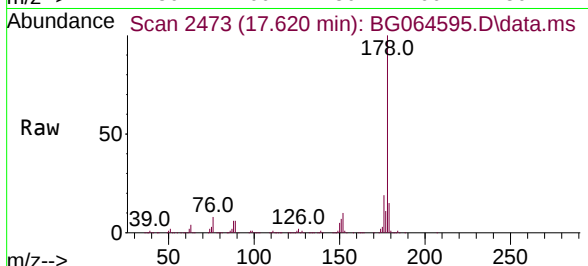
Tgt Ion:266 Resp: 249438
 Ion Ratio Lower Upper
 266 100
 268 68.2 50.3 75.5
 264 65.3 47.3 70.9





#71
 Phenanthrene
 Concen: 48.780 ng
 RT: 17.620 min Scan# 2473
 Delta R.T. -0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Instrument : BNA_G
 ClientSampleId : TP-11MS

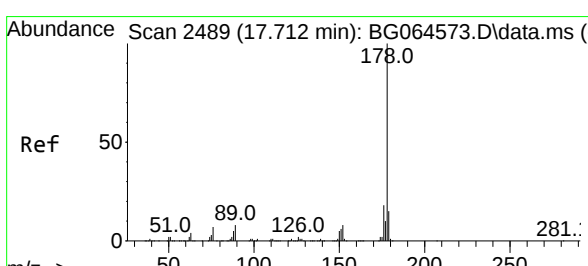
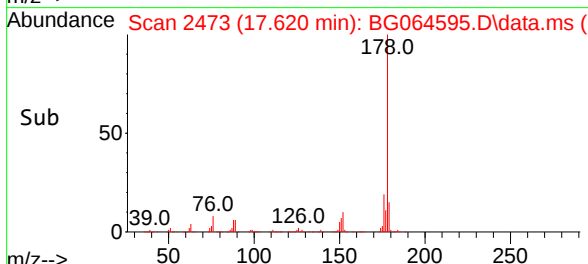
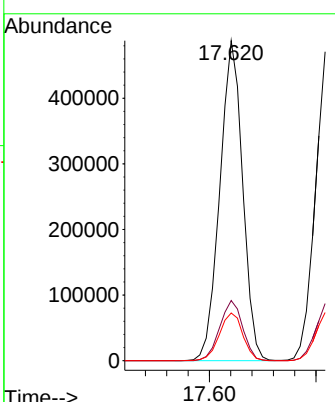


Tgt Ion:178 Resp: 725118

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	14.9	12.2	18.4

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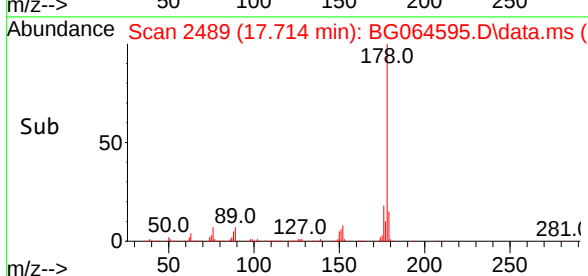
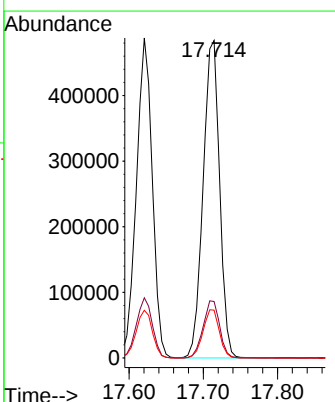
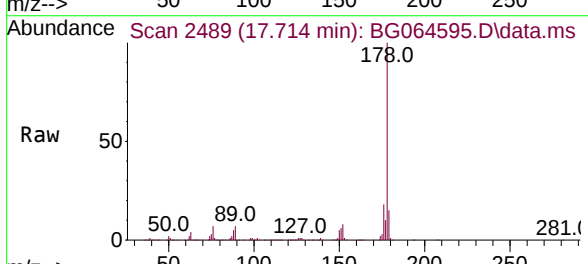
10/28/2025
 Supervised By :mohammad ahmed
 11/05/2025

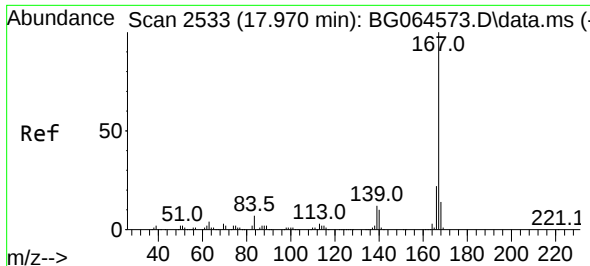


#72
 Anthracene
 Concen: 49.286 ng
 RT: 17.714 min Scan# 2489
 Delta R.T. 0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Tgt Ion:178 Resp: 745259

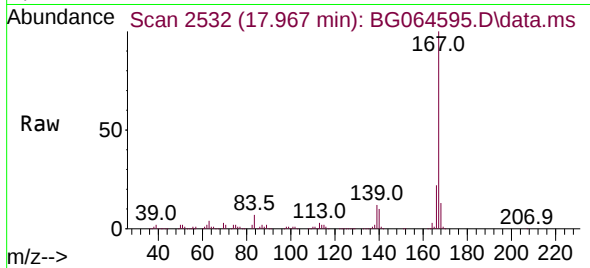
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.0	12.4	18.6





#73
Carbazole
Concen: 48.768 ng
RT: 17.967 min Scan# 2533
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



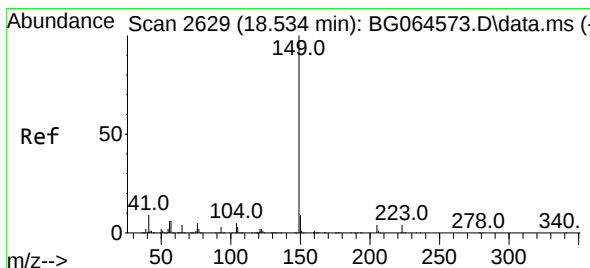
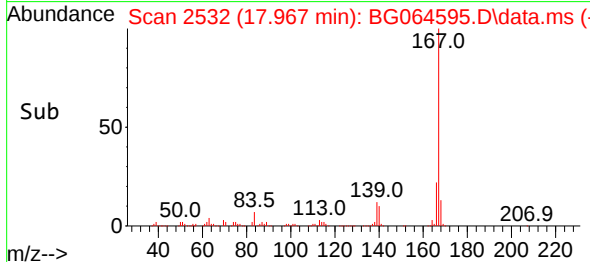
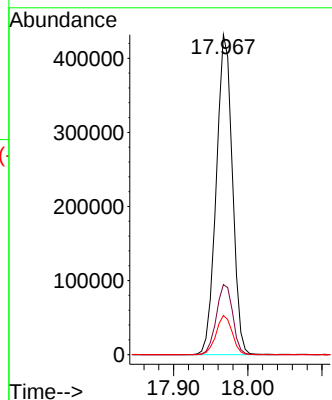
Tgt Ion:167 Resp: 650274
Ion Ratio Lower Upper
167 100
166 21.9 17.9 26.9
139 12.3 9.7 14.5

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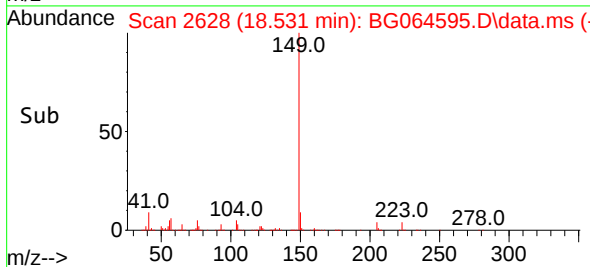
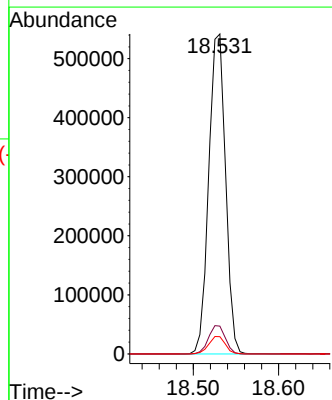
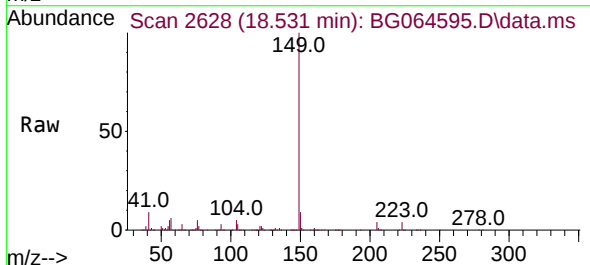
10/28/2025
Supervised By :mohammad
ahmed

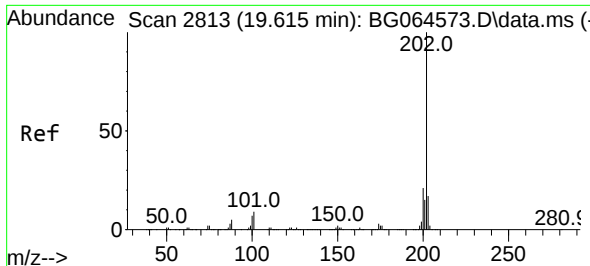
11/05/2025



#74
Di-n-butylphthalate
Concen: 47.998 ng
RT: 18.531 min Scan# 2628
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

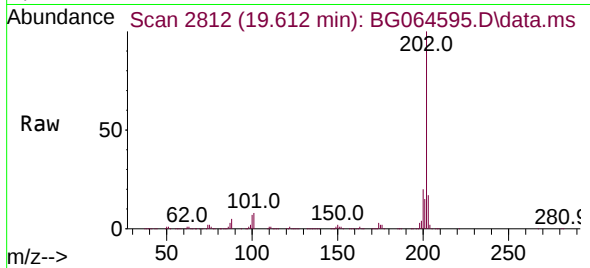
Tgt Ion:149 Resp: 740089
Ion Ratio Lower Upper
149 100
150 8.7 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 47.117 ng
RT: 19.612 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



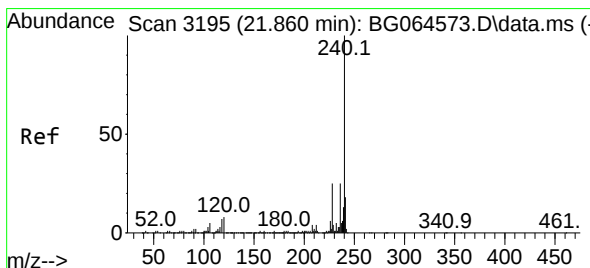
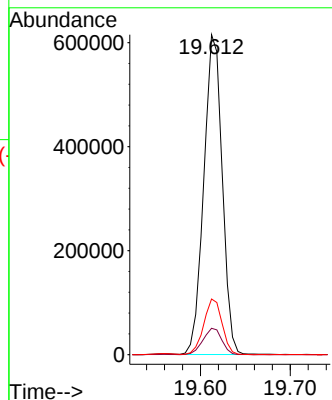
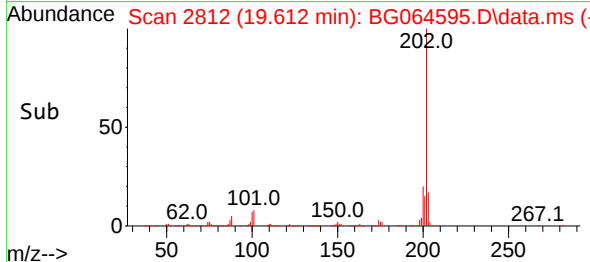
Tgt Ion:202 Resp: 877404
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.4 0.0 37.0

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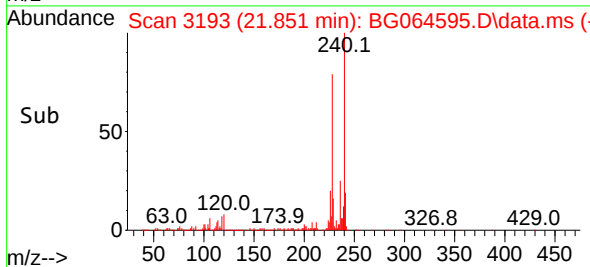
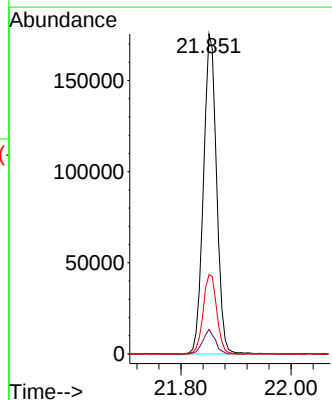
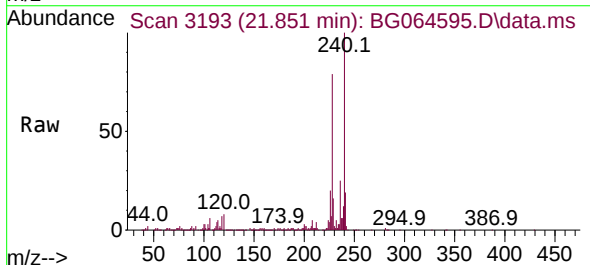
10/28/2025
Supervised By :mohammad
ahmed

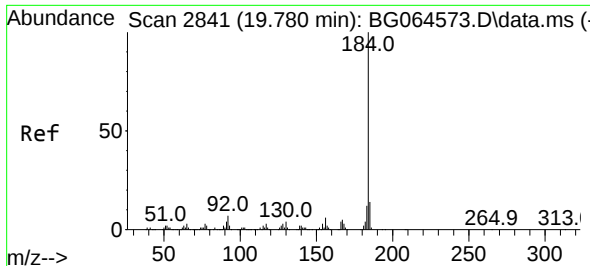
11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

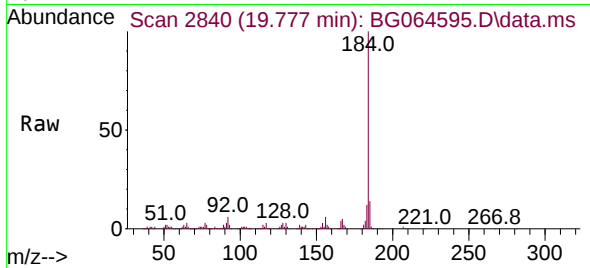
Tgt Ion:240 Resp: 289951
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 24.8 20.2 30.2





#77
Benzidine
Concen: 35.143 ng
RT: 19.777 min Scan# 2840
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



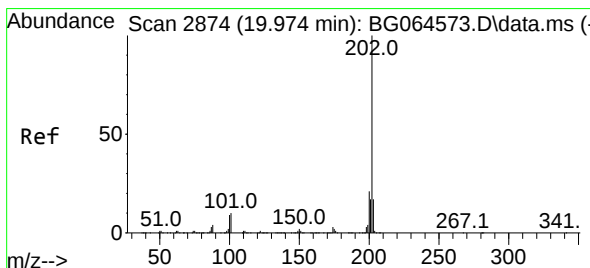
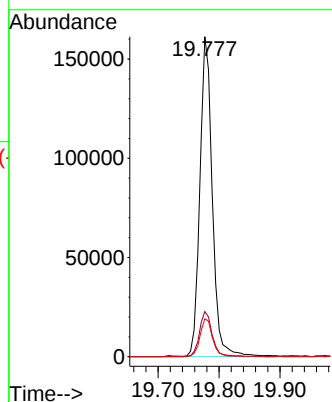
Tgt Ion:184 Resp: 228291
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.8 9.4 14.2

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Reviewed By :Rahul
Chavli

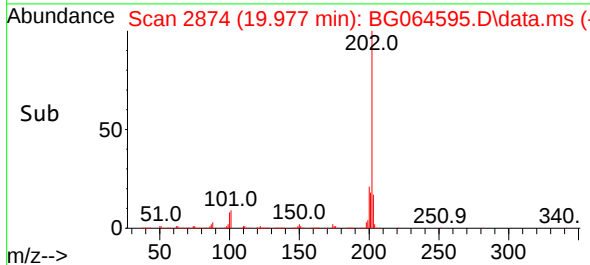
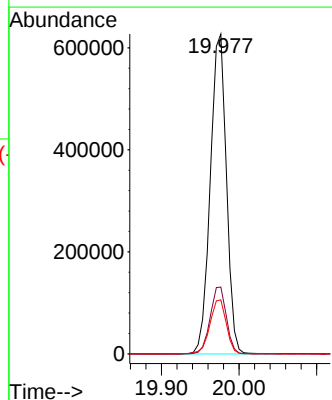
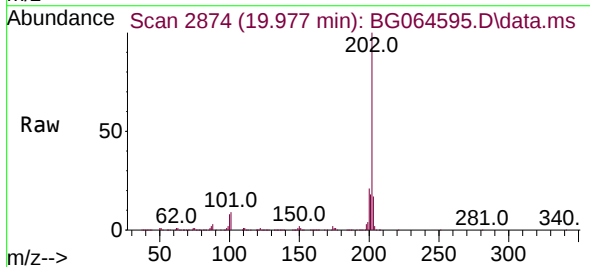
10/28/2025
Supervised By :mohammad
ahmed

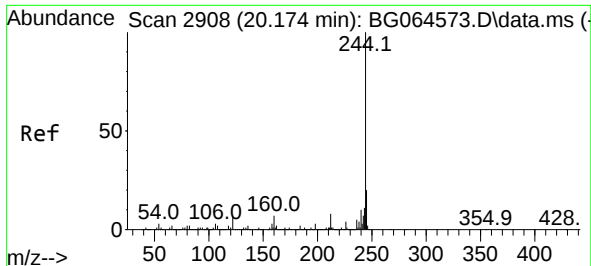
11/05/2025



#78
Pyrene
Concen: 47.747 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

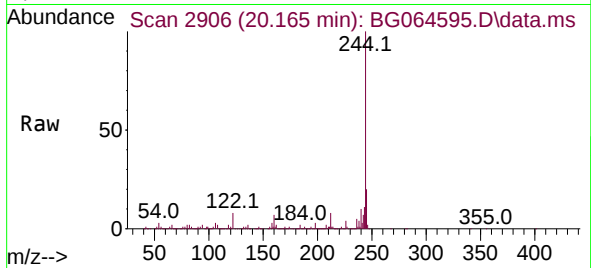
Tgt Ion:202 Resp: 904515
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 16.9 13.8 20.6





#79
 Terphenyl-d14
 Concen: 60.514 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.009 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS



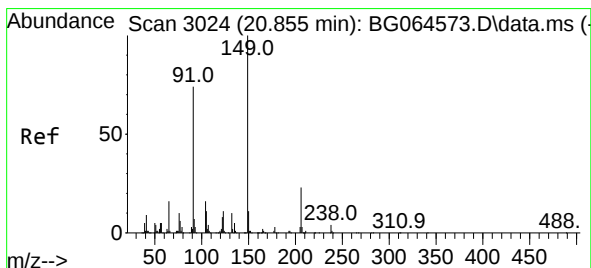
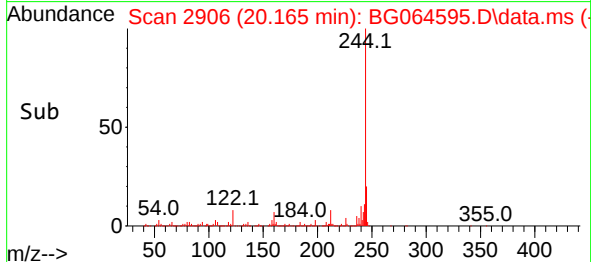
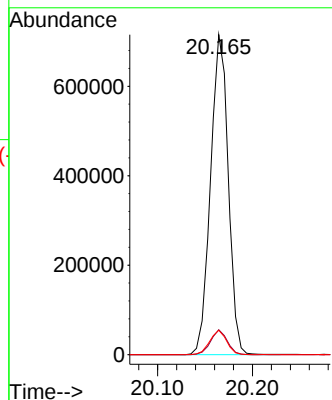
Tgt Ion:244 Resp: 929764
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 7.6 5.6 8.4

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 Chavli

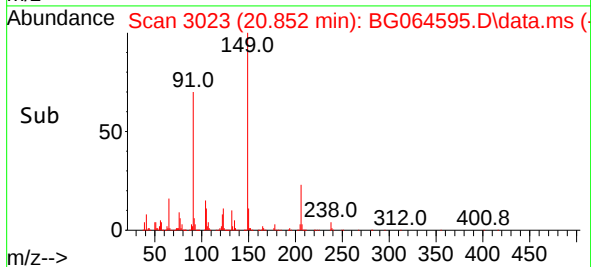
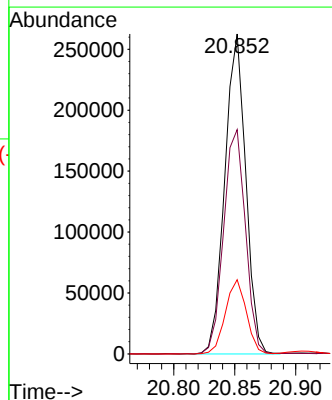
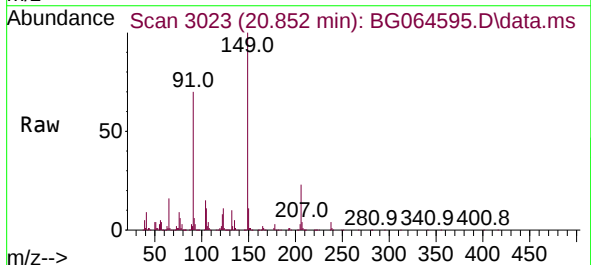
10/28/2025
 Supervised By :mohammad
 ahmed

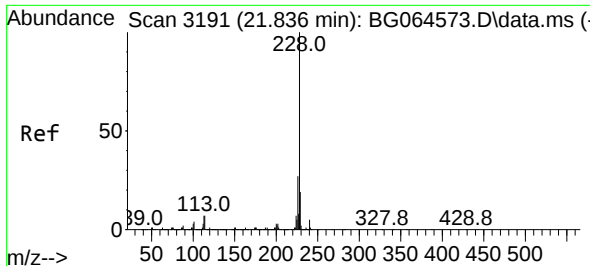
11/05/2025



#80
 Butylbenzylphthalate
 Concen: 54.898 ng
 RT: 20.852 min Scan# 3023
 Delta R.T. -0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Tgt Ion:149 Resp: 314322
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.2 88.8
 206 23.2 18.1 27.1





#81
Benzo(a)anthracene
Concen: 49.737 ng
RT: 21.833 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS

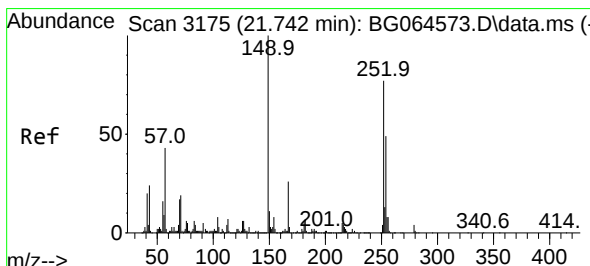
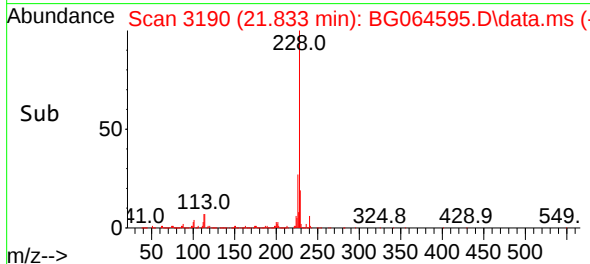
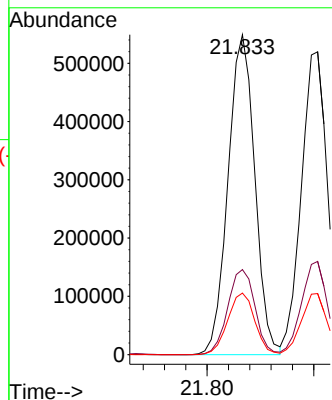
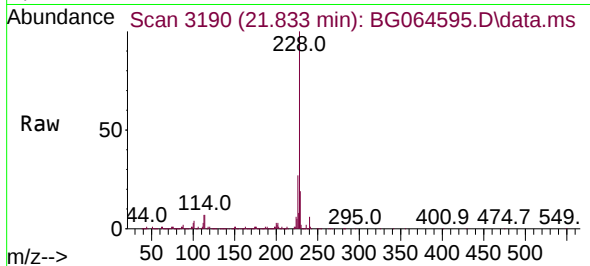
Tgt Ion:228 Resp: 956214
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 19.2 15.6 23.4

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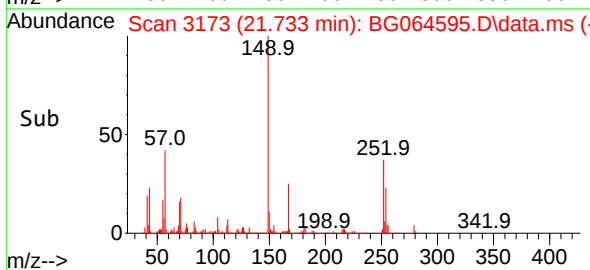
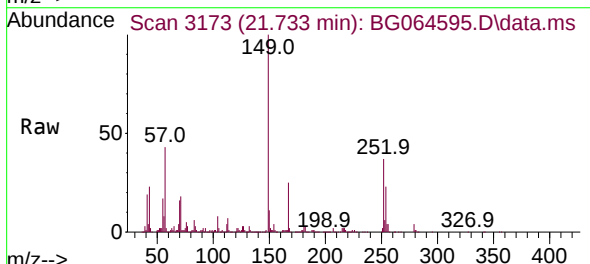
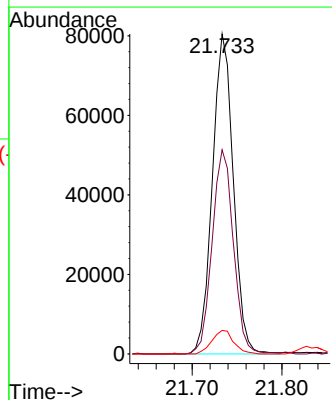
10/28/2025
Supervised By :mohammad
ahmed

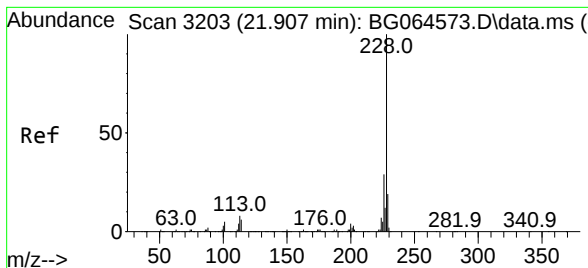
11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.321 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:252 Resp: 130460
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 7.3 5.8 8.6





#83

Chrysene

Concen: 48.623 ng

RT: 21.904 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064595.D

Acq: 27 Oct 2025 20:09

Instrument :

BNA_G

ClientSampleId :

TP-11MS

Tgt Ion:228 Resp: 889476
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.3 34.9
 229 20.2 15.2 22.8

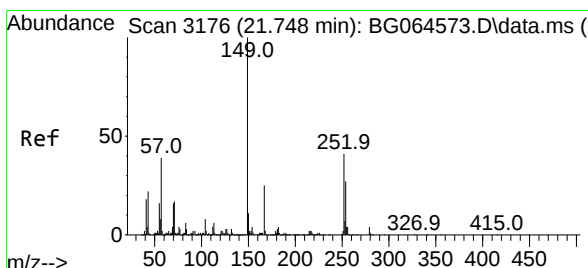
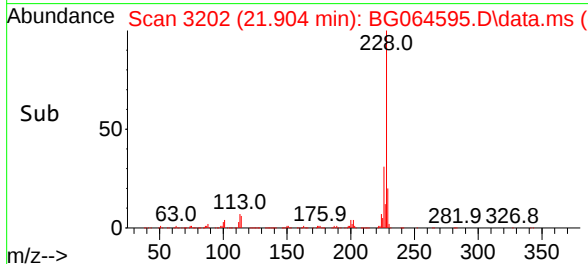
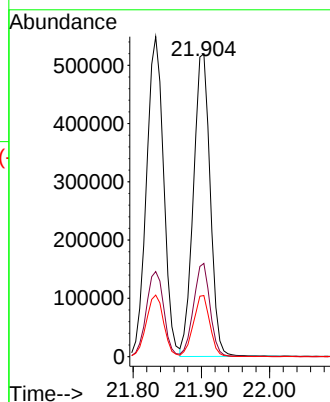
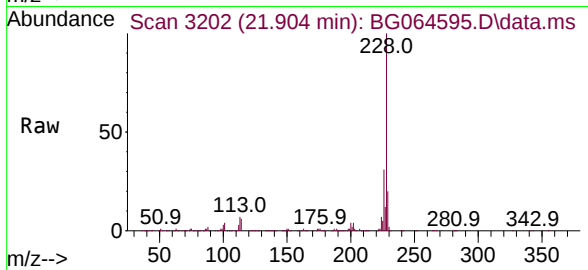
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 Chavli

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Supervised By :mohammad
 ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.004 ng

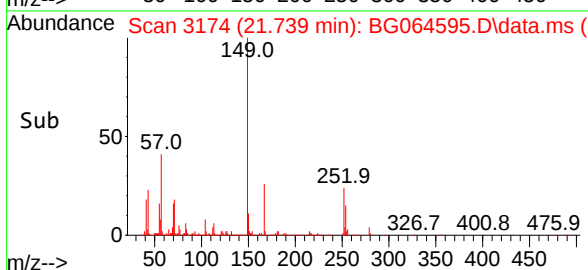
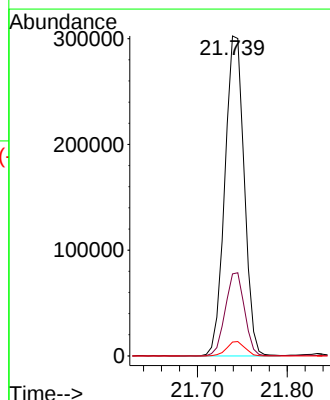
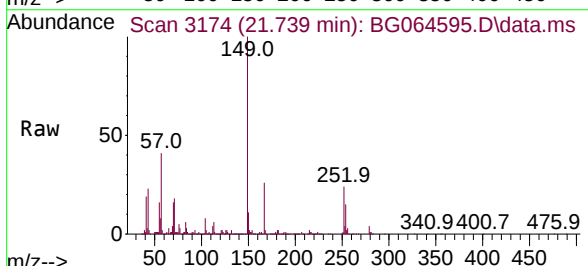
RT: 21.739 min Scan# 3174

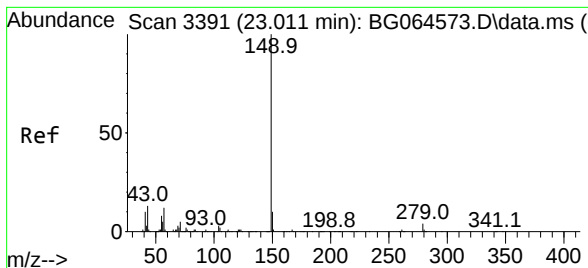
Delta R.T. -0.009 min

Lab File: BG064595.D

Acq: 27 Oct 2025 20:09

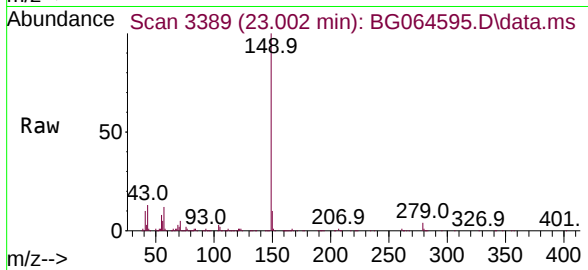
Tgt Ion:149 Resp: 453464
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.0 30.0
 279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 53.085 ng
RT: 23.002 min Scan# 3391
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



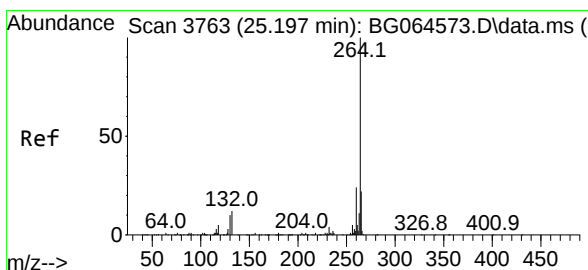
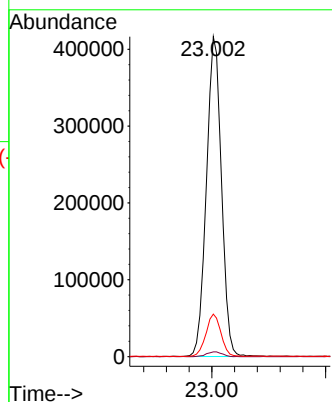
Tgt Ion:149 Resp: 765712
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.2 10.8 16.2

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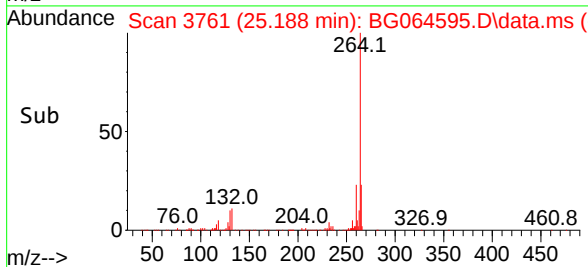
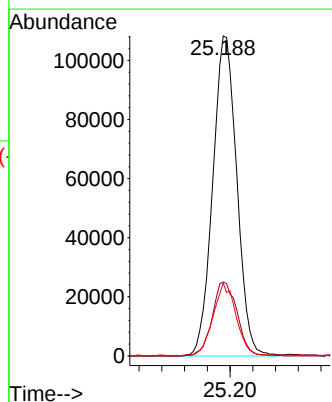
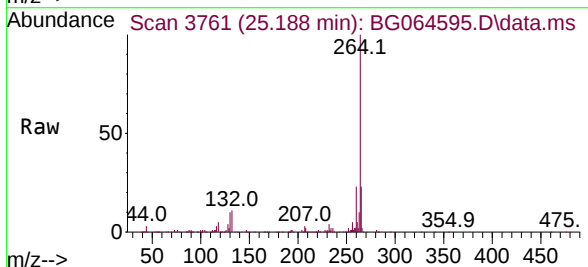
10/28/2025
Supervised By :mohammad
ahmed

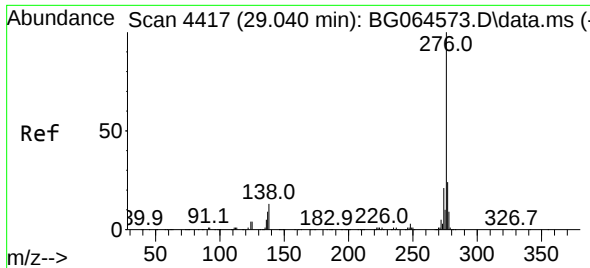
11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.188 min Scan# 3761
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:264 Resp: 317867
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.194 ng
RT: 29.031 min Scan# 4417
Delta R.T. -0.009 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS

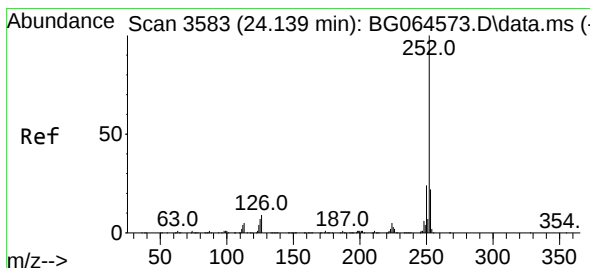
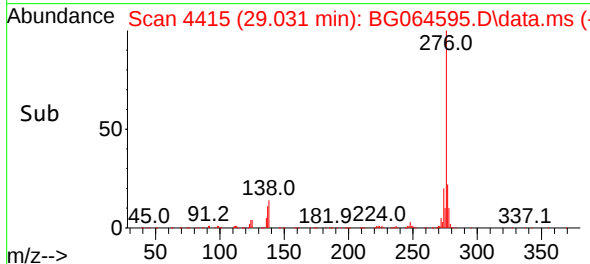
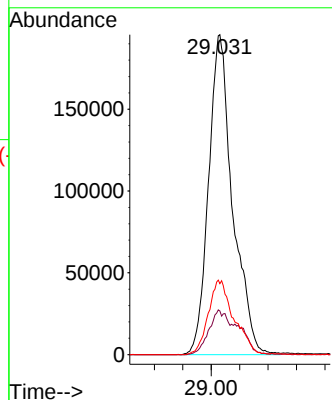
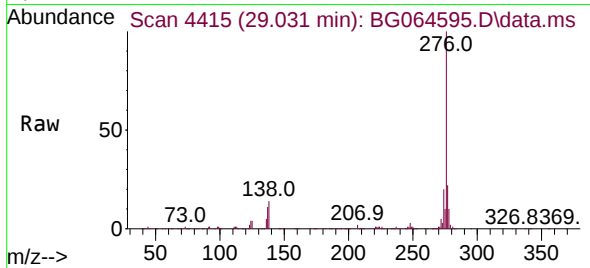
Tgt Ion:276 Resp: 1150312
Ion Ratio Lower Upper
276 100
138 17.0 10.8 16.2
277 24.8 20.1 30.1

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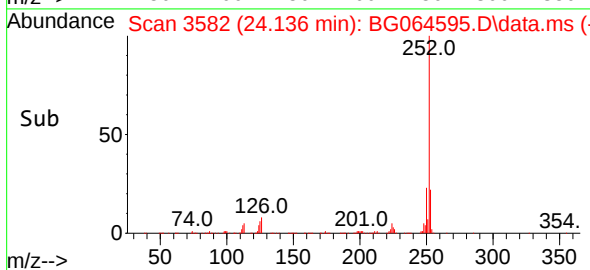
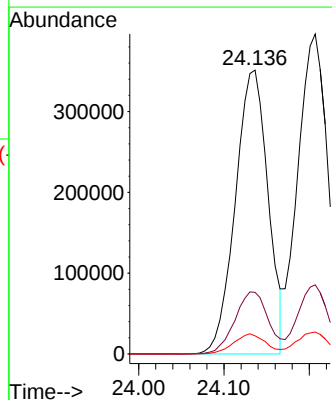
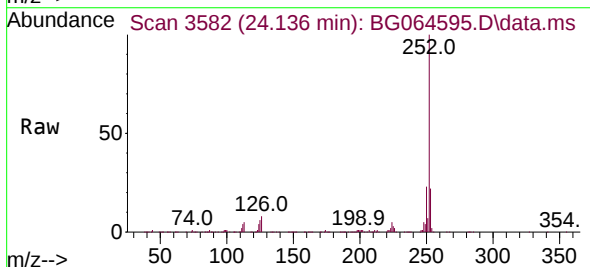
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Supervised By :mohammad
ahmed

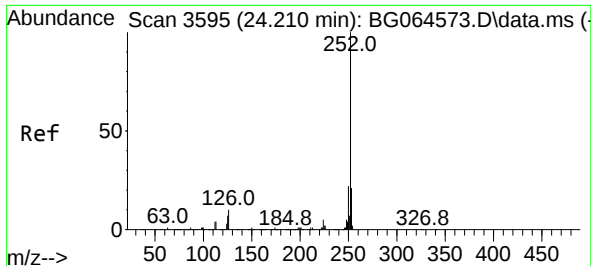
11/05/2025



#88
Benzo(b)fluoranthene
Concen: 47.840 ng
RT: 24.136 min Scan# 3582
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

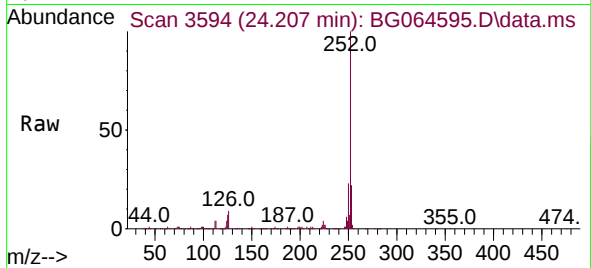
Tgt Ion:252 Resp: 932476
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.3 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 50.501 ng
RT: 24.207 min Scan# 3595
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Instrument :
BNA_G
ClientSampleId :
TP-11MS



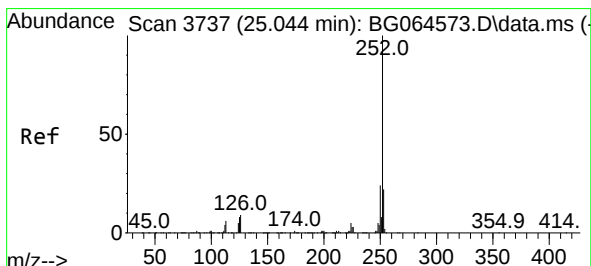
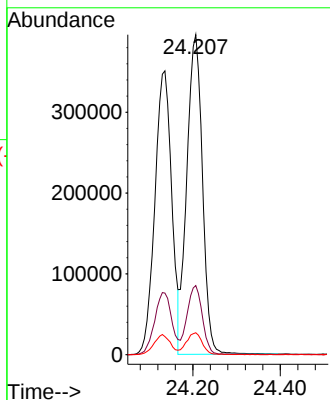
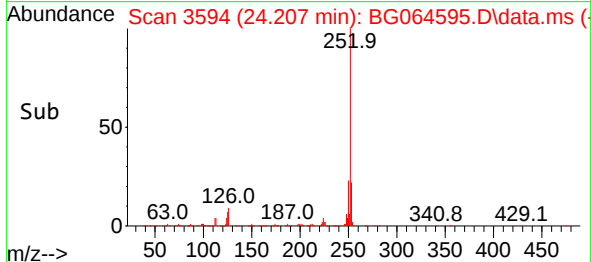
Tgt Ion:252 Resp: 985011
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 6.8 5.4 8.0

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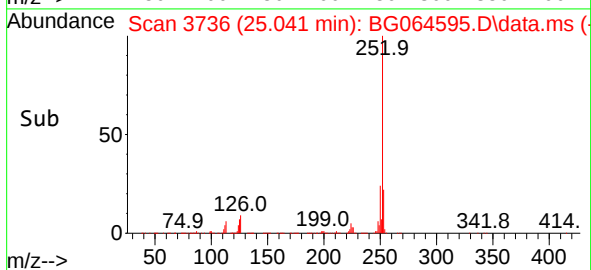
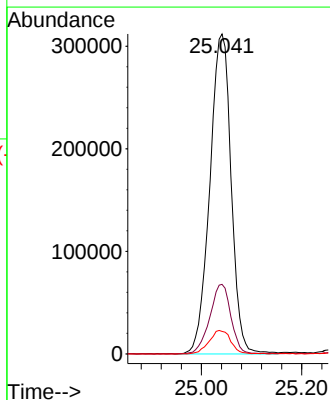
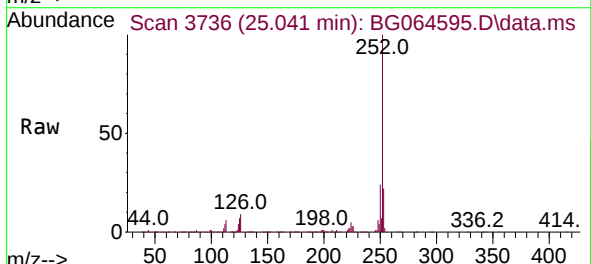
10/28/2025
Supervised By :mohammad
ahmed

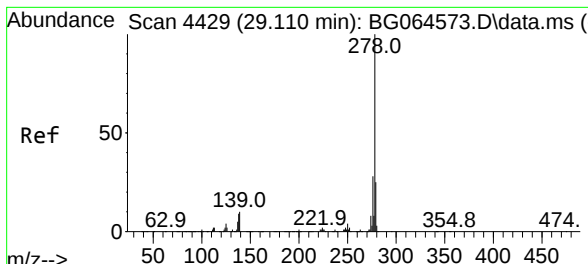
11/05/2025



#90
Benzo(a)pyrene
Concen: 51.363 ng
RT: 25.041 min Scan# 3736
Delta R.T. -0.003 min
Lab File: BG064595.D
Acq: 27 Oct 2025 20:09

Tgt Ion:252 Resp: 920268
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.0 6.1 9.1





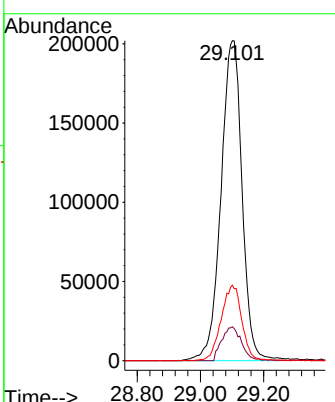
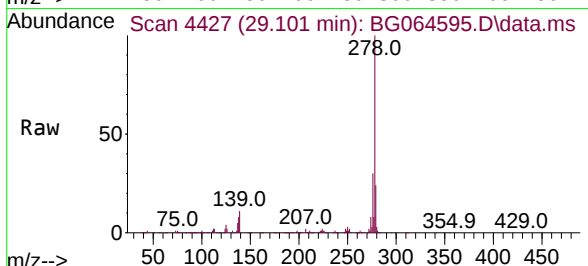
#91
 Dibenzo(a,h)anthracene
 Concen: 49.179 ng
 RT: 29.101 min Scan# 4427
 Delta R.T. -0.009 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Instrument : BNA_G
 ClientSampleId : TP-11MS

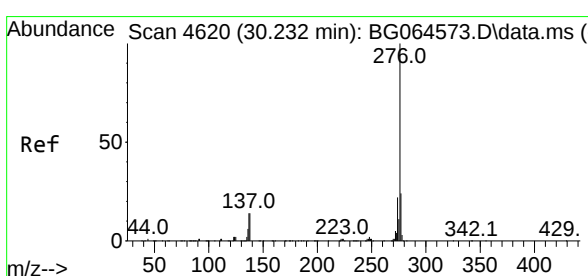
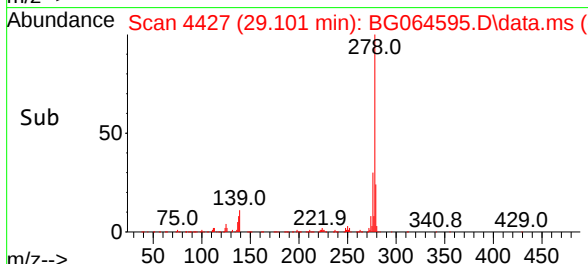
Tgt Ion: 278 Resp: 934276

Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.0	12.0
279	23.6	19.8	29.6

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#92
 Benzo(g,h,i)perylene
 Concen: 50.374 ng
 RT: 30.229 min Scan# 4619
 Delta R.T. -0.003 min
 Lab File: BG064595.D
 Acq: 27 Oct 2025 20:09

Tgt Ion: 276 Resp: 914173

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	14.6	11.3	16.9

