

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:56 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 17:56:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	73604m	40.425	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

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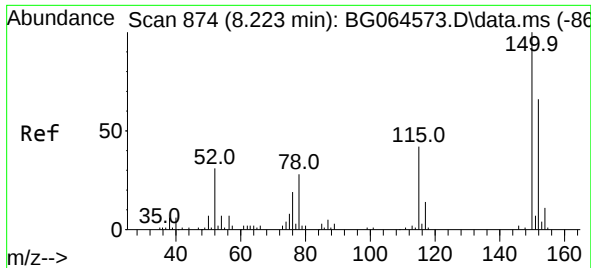
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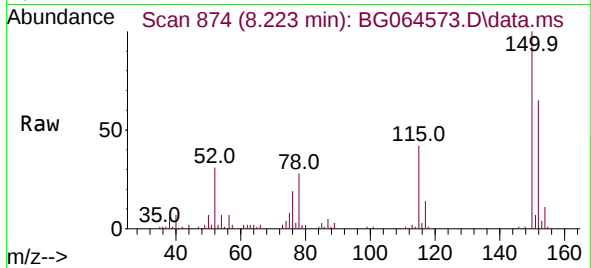
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

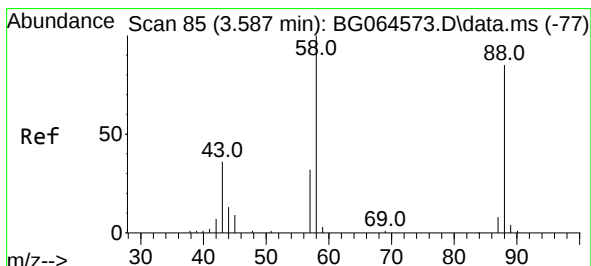
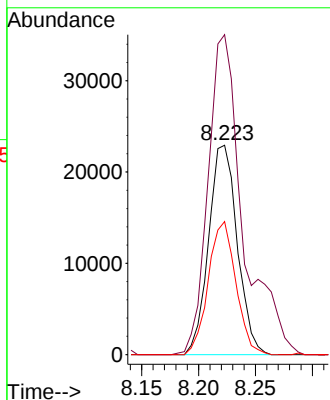
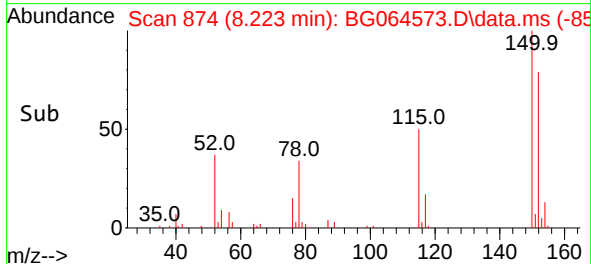
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



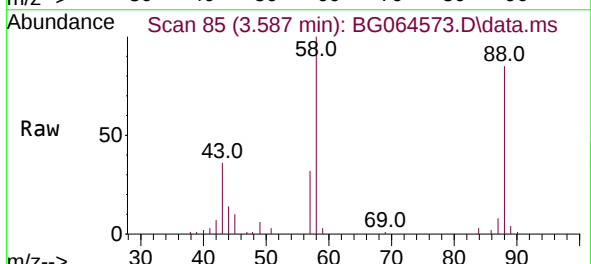
Tgt Ion:152 Resp: 40195
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 63.5 50.8 76.2

Manual Integrations
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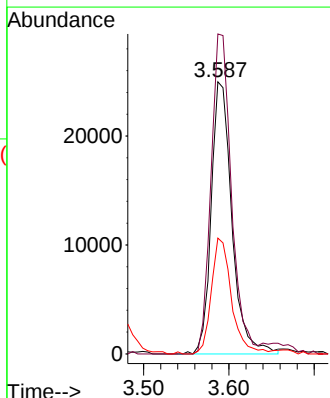
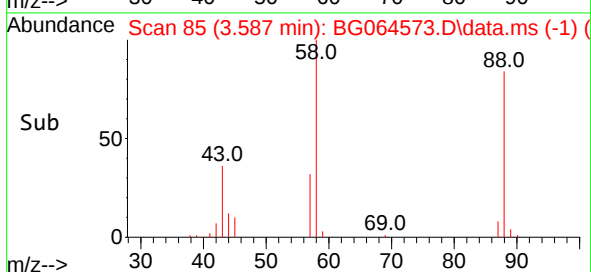
Reviewed By :Rahul Chavli 10/27/2025
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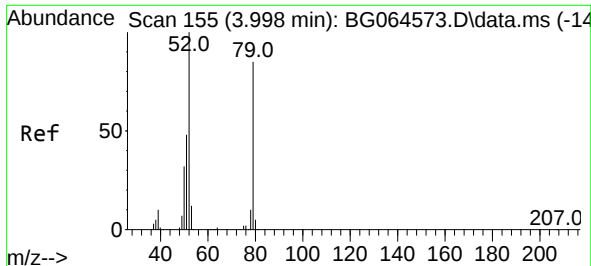


#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



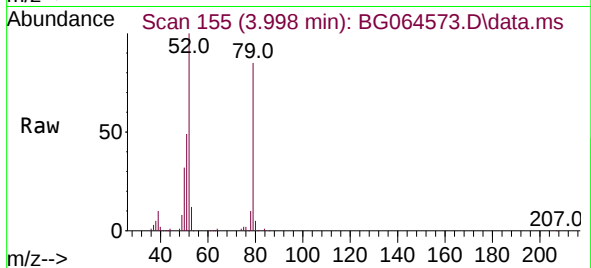
Tgt Ion: 88 Resp: 42215
Ion Ratio Lower Upper
88 100
58 115.5 92.4 138.6
43 41.3 33.0 49.6





#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 155
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

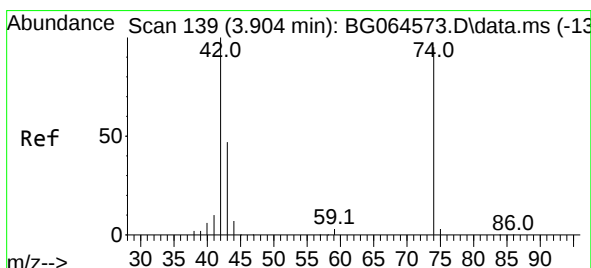
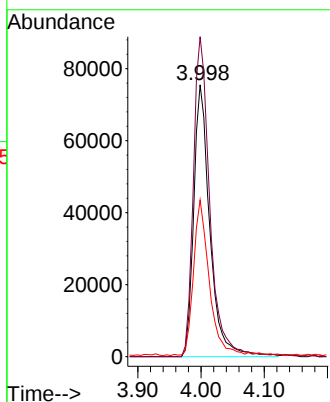
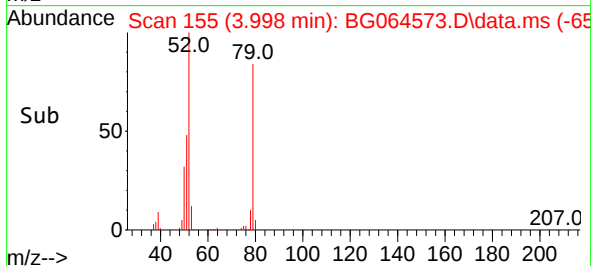
Instrument :
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ClientSampleId :
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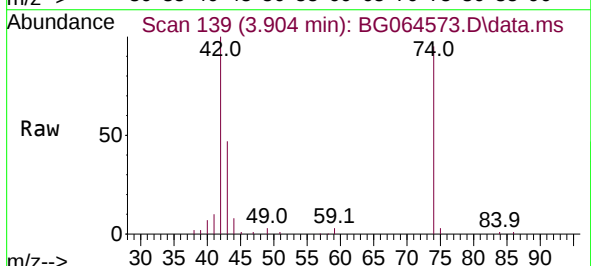
Tgt Ion: 79 Resp: 134153
Ion Ratio Lower Upper
79 100
52 117.7 94.2 141.2
51 57.6 46.1 69.1

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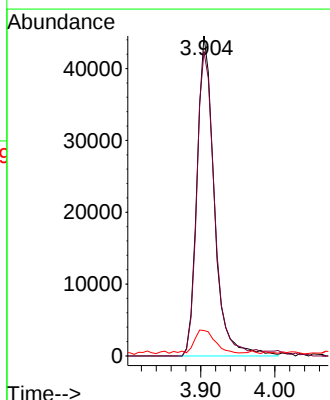
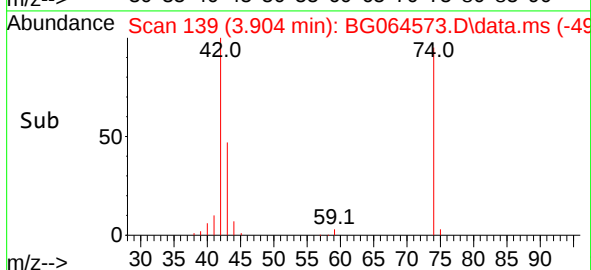
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Supervised By :mohammad ahmed 11/05/2025

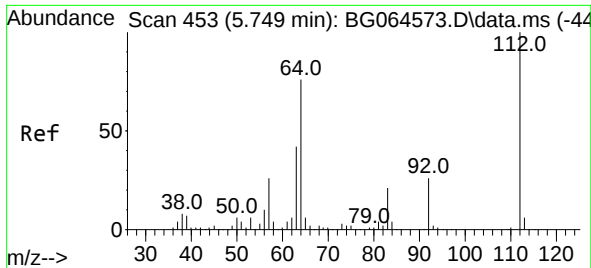


#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



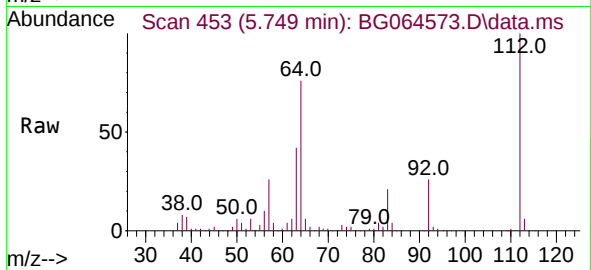
Tgt Ion: 42 Resp: 72367
Ion Ratio Lower Upper
42 100
74 95.1 76.1 114.1
44 7.9 6.3 9.5





#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

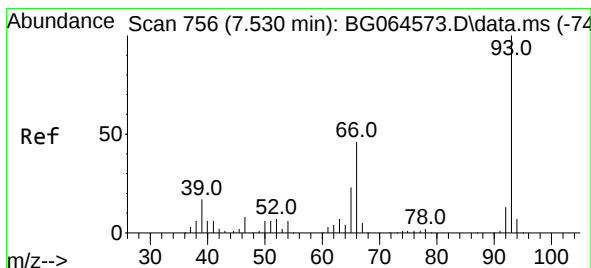
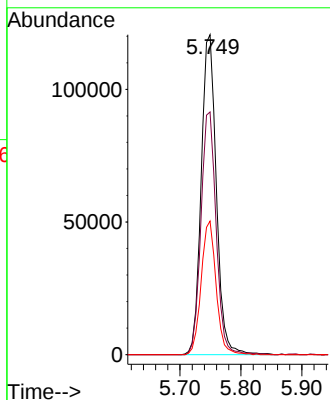
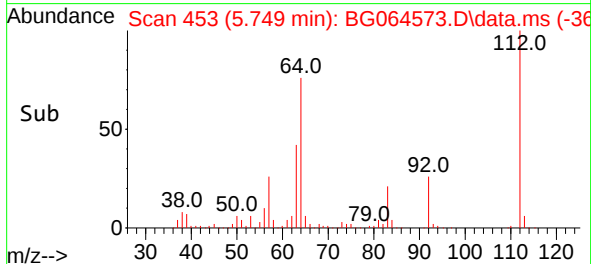
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ClientSampleId :
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Tgt Ion:112 Resp: 207807
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 41.7 33.4 50.0

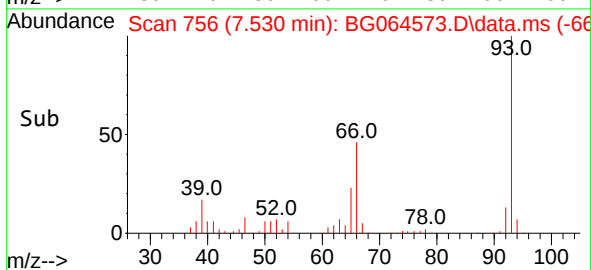
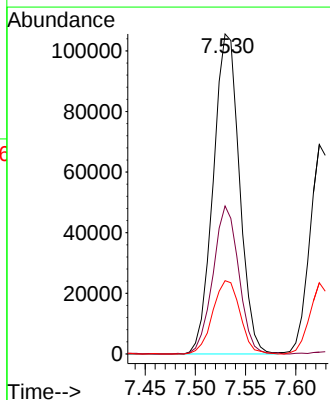
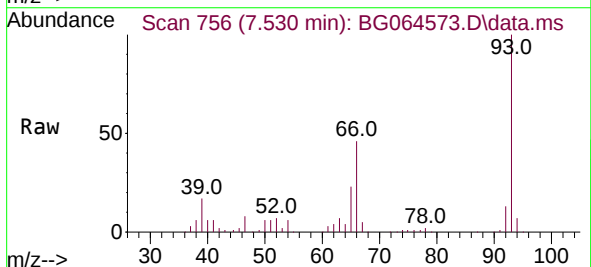
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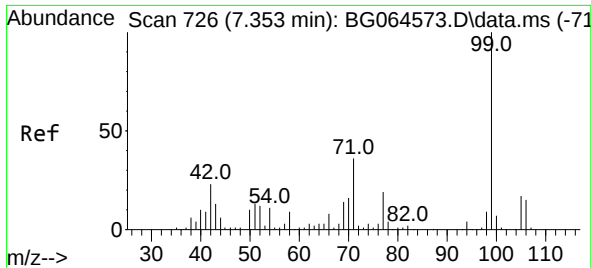
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

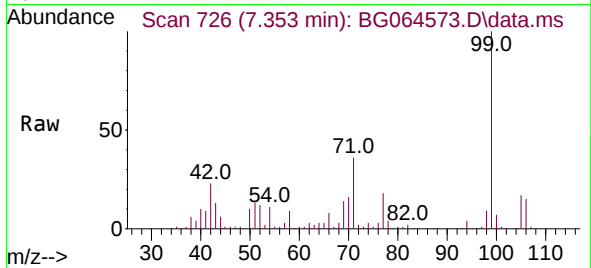
Tgt Ion: 93 Resp: 191799
Ion Ratio Lower Upper
93 100
66 46.3 37.0 55.6
65 22.9 18.3 27.5





#7
Phenol-d6
Concen: 86.638 ng
RT: 7.353 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

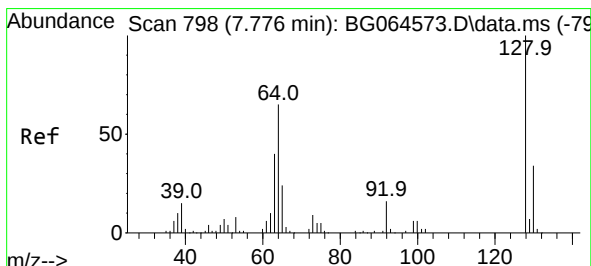
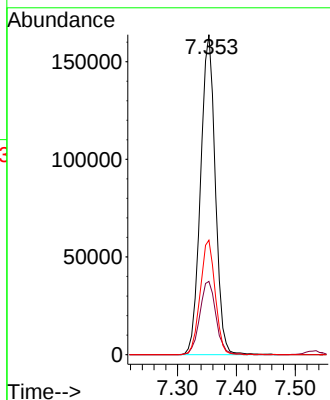
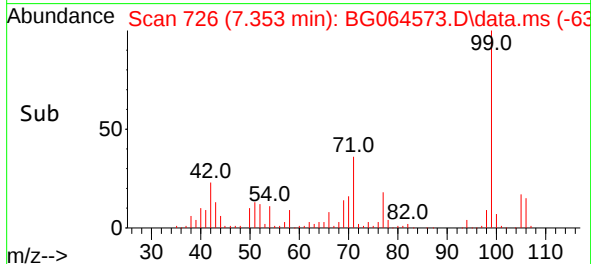
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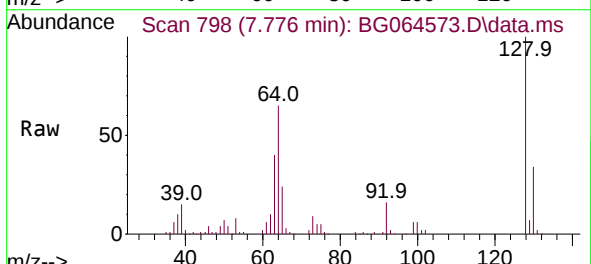
Tgt Ion: 99 Resp: 284694
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 35.8 28.6 43.0

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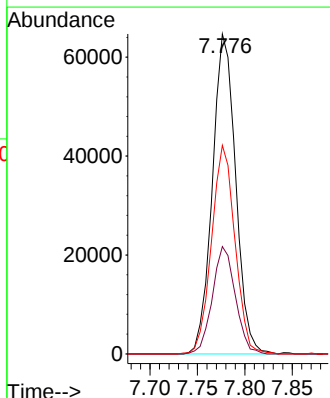
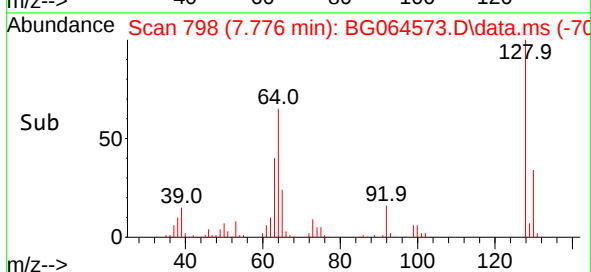
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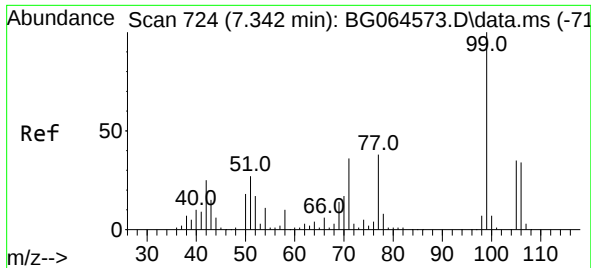


#8
2-Chlorophenol
Concen: 44.051 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



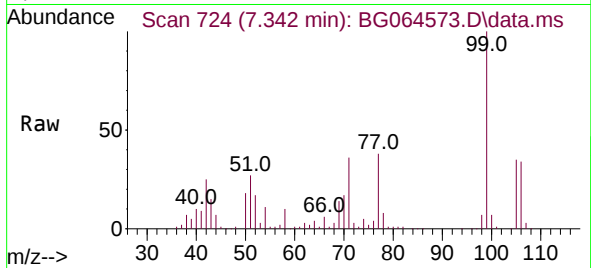
Tgt Ion:128 Resp: 110414
Ion Ratio Lower Upper
128 100
130 33.5 13.5 53.5
64 65.2 45.2 85.2





#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

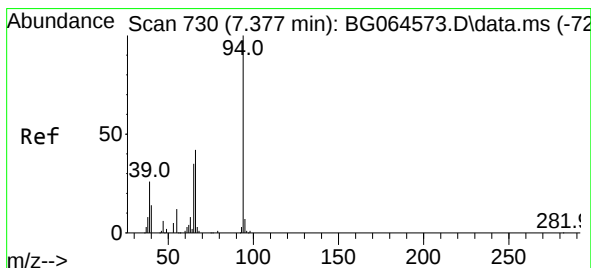
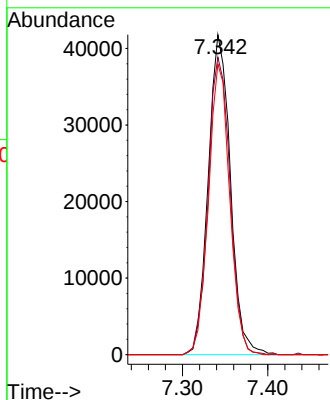
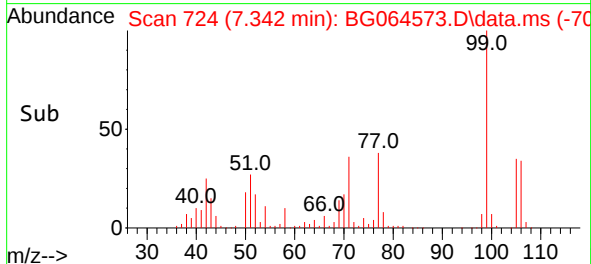
Instrument :
BNA_G
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SSTDICCC040



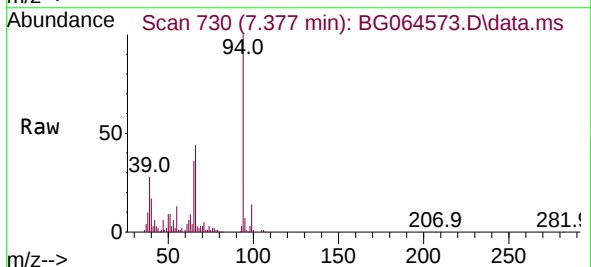
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Ion Ratio Lower Upper
77 100
105 92.9 72.9 112.9
106 90.8 70.8 110.8

Manual Integrations
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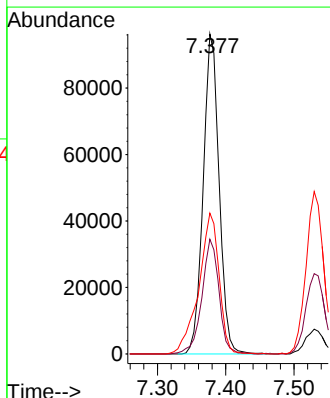
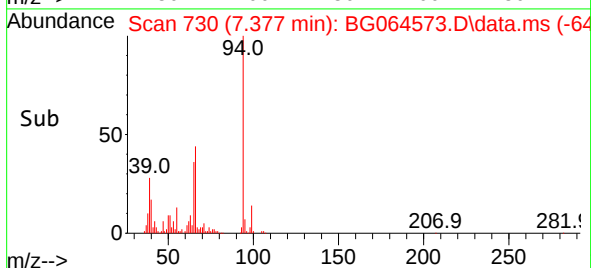
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



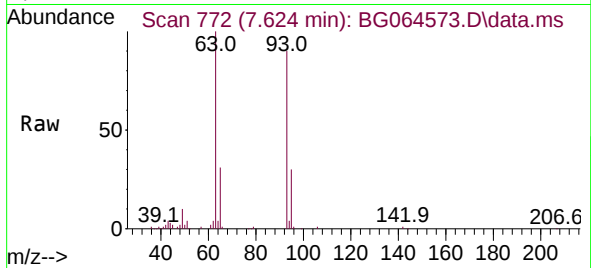
Tgt Ion: 94 Resp: 156259
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 44.0 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 41.613 ng
RT: 7.624 min Scan# 772
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

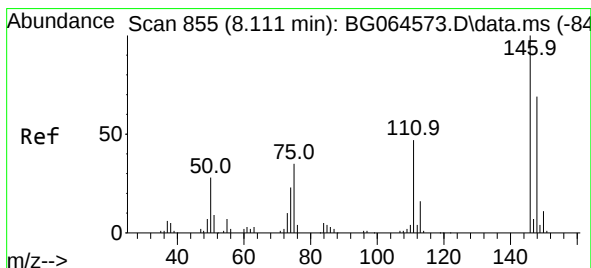
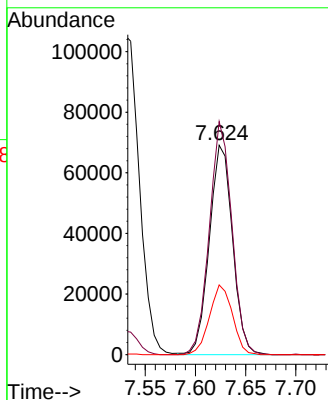
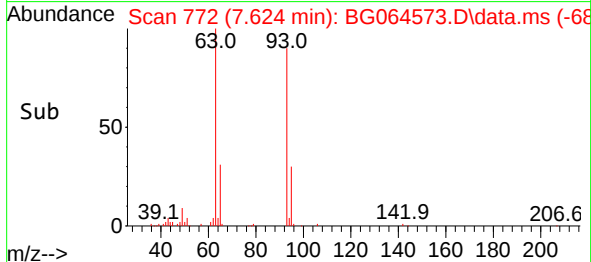
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



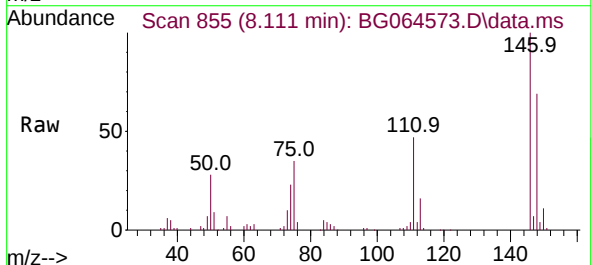
Tgt Ion: 93 Resp: 111183
Ion Ratio Lower Upper
93 100
63 111.3 91.3 131.3
95 33.3 13.3 53.3

Manual Integrations
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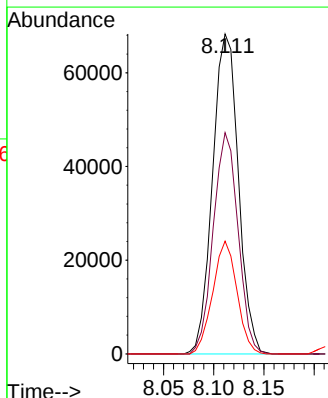
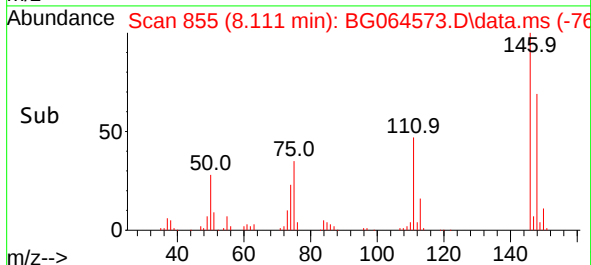
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

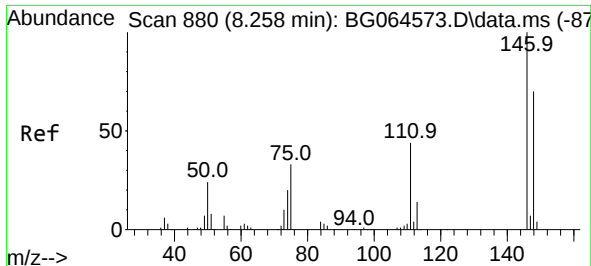


#12
1,3-Dichlorobenzene
Concen: 42.367 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



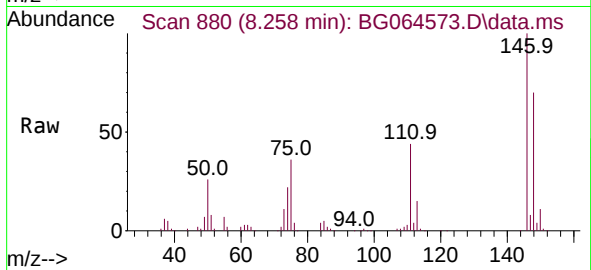
Tgt Ion:146 Resp: 122224
Ion Ratio Lower Upper
146 100
148 69.1 55.3 82.9
75 35.2 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 42.037 ng
RT: 8.258 min Scan# 880
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

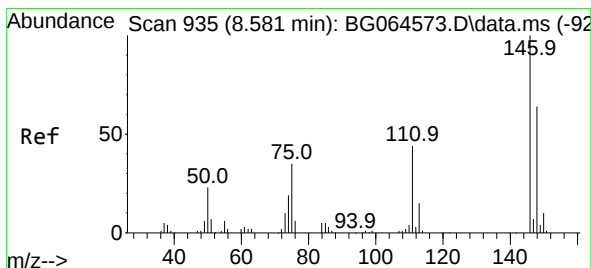
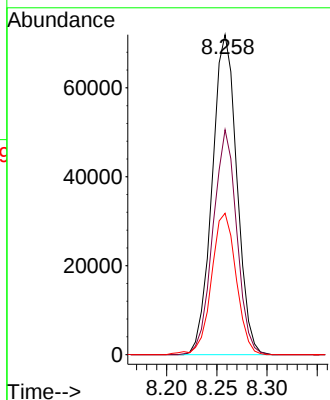
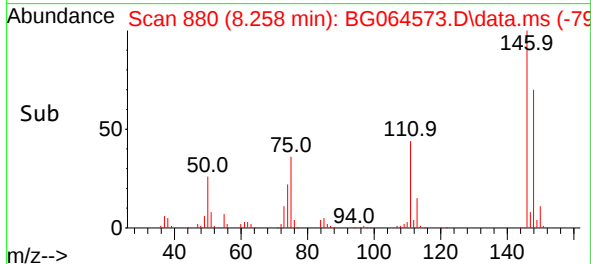
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



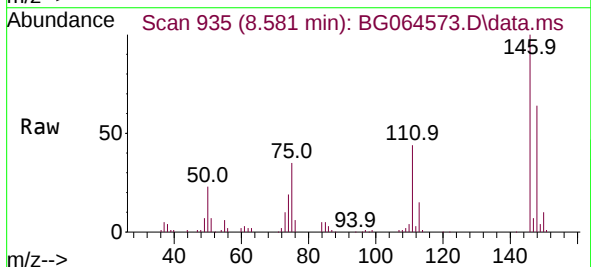
Tgt Ion:146 Resp: 123314
Ion Ratio Lower Upper
146 100
148 70.3 56.2 84.4
111 44.2 35.4 53.0

Manual Integrations
APPROVED

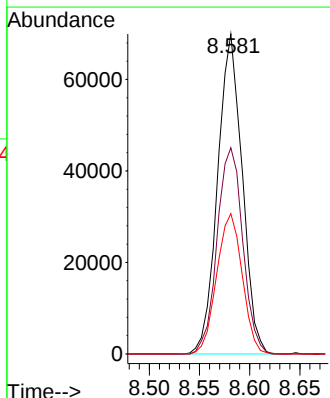
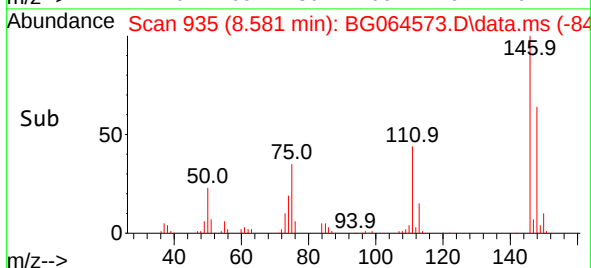
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#14
1,2-Dichlorobenzene
Concen: 42.140 ng
RT: 8.581 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



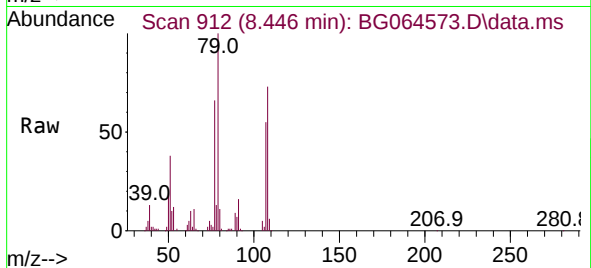
Tgt Ion:146 Resp: 119228
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 43.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.265 ng
RT: 8.446 min Scan# 912
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

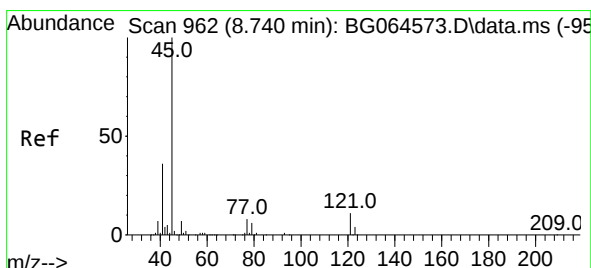
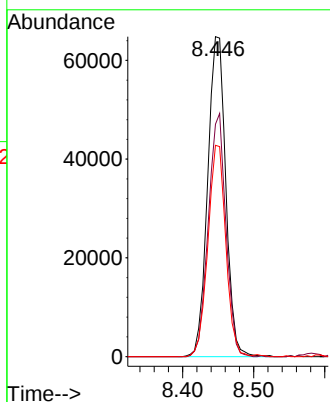
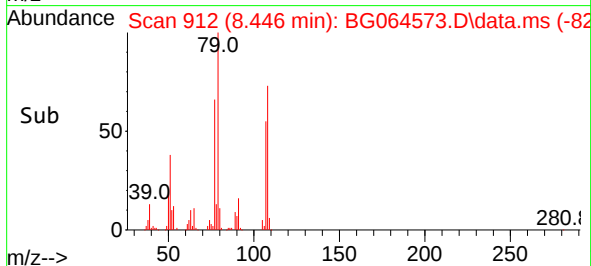
Instrument :
BNA_G
Client Sample Id :
SSTDICCC040



Tgt Ion: 79 Resp: 114526
Ion Ratio Lower Upper
79 100
108 72.6 58.1 87.1
77 66.0 52.8 79.2

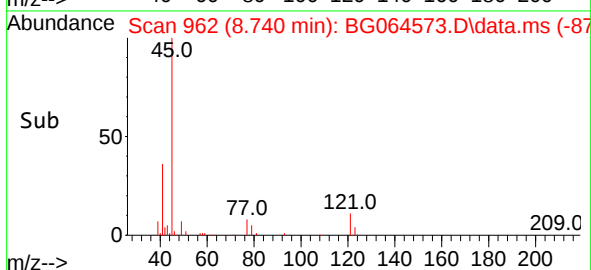
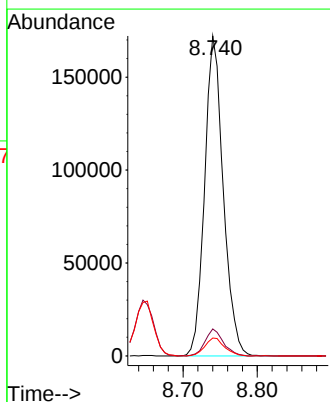
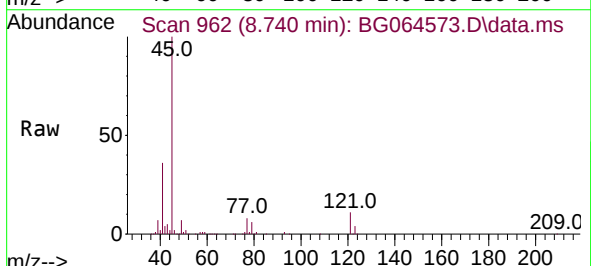
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.819 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

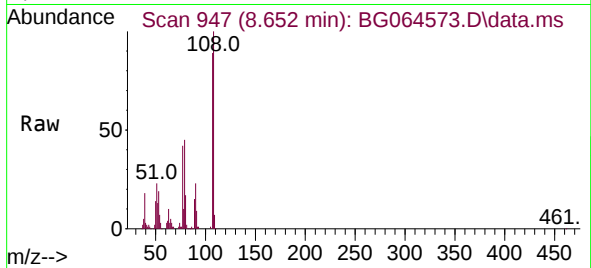
Tgt Ion: 45 Resp: 300095
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 5.6 0.0 25.6





#17
2-Methylphenol
Concen: 42.405 ng
RT: 8.652 min Scan# 947
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

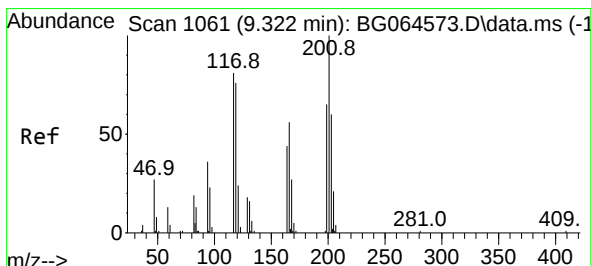
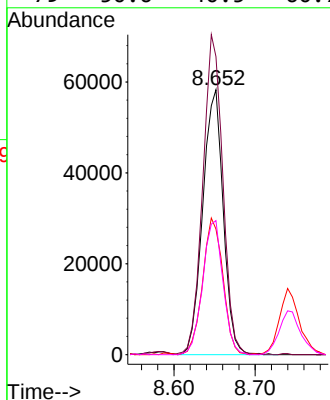
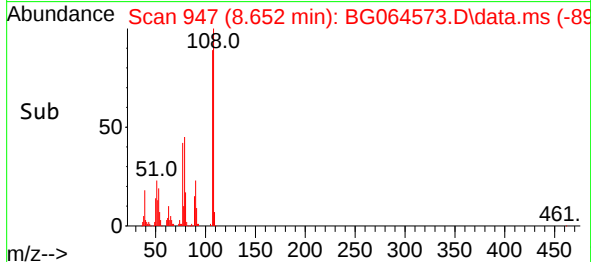
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:	107	Resp:	102315
Ion Ratio	Lower	Upper	
107	100		
108	112.5	90.0	135.0
77	47.3	37.8	56.8
79	50.6	40.5	60.7

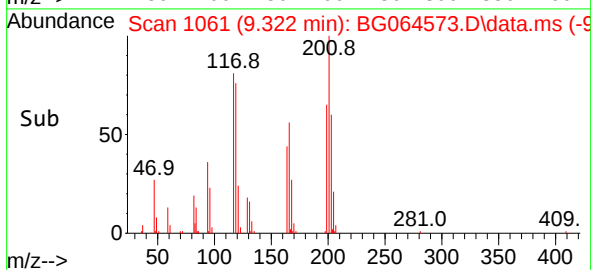
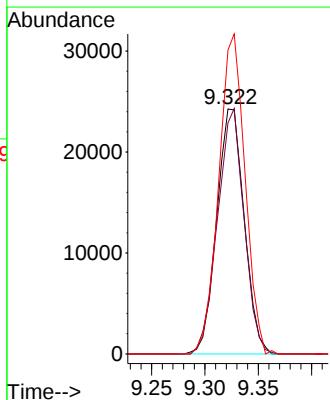
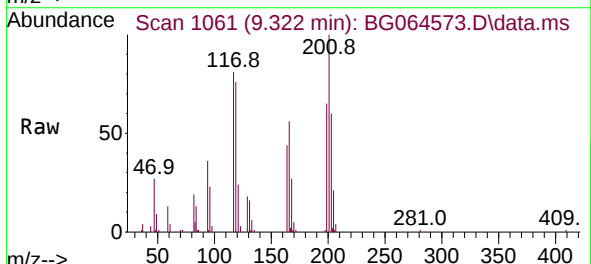
Manual Integrations
APPROVED

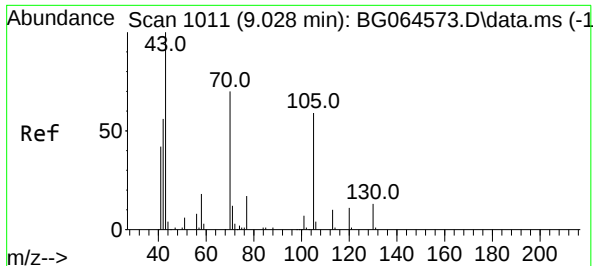
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 42.246 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:	117	Resp:	43488
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.4	113.2
201	124.0	99.2	148.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.438 ng

RT: 9.028 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 9864

Ion Ratio Lower Upper

70 100

42 81.5 65.2 97.8

101 9.9 7.9 11.9

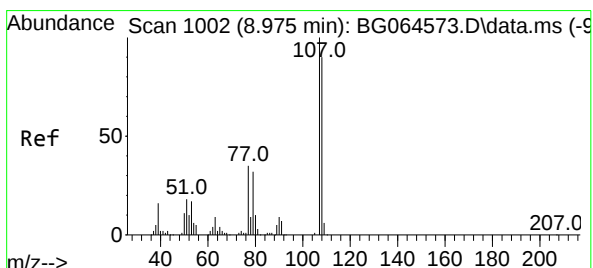
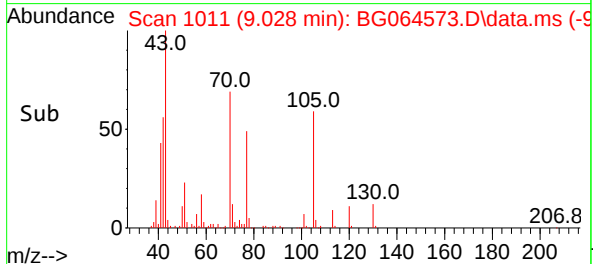
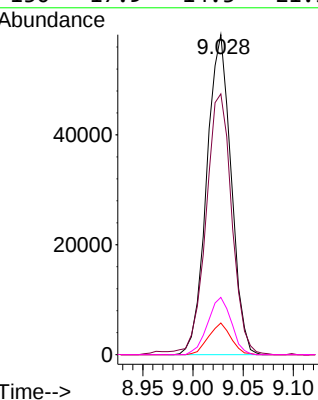
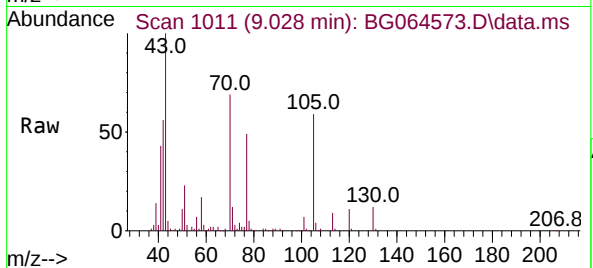
130 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 43.080 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 146177

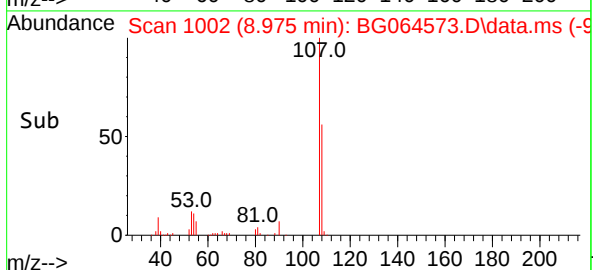
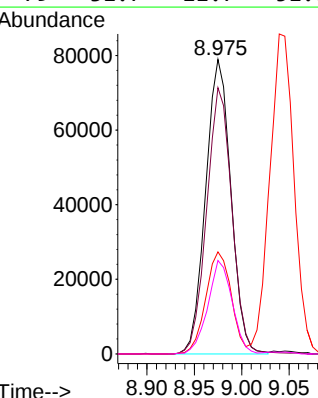
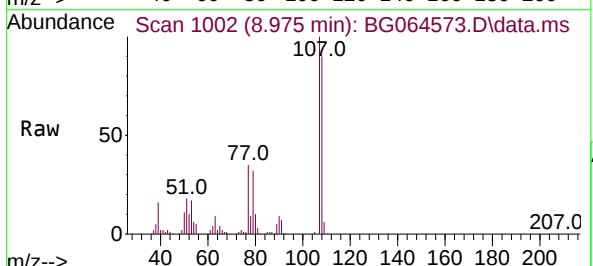
Ion Ratio Lower Upper

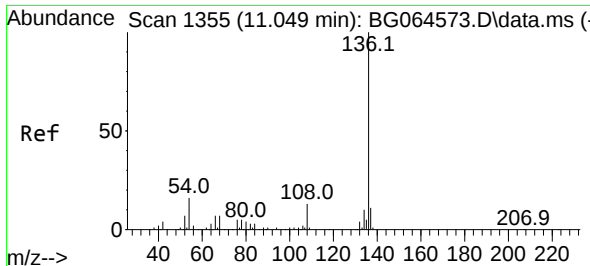
107 100

108 90.3 70.3 110.3

77 34.6 14.6 54.6

79 31.7 11.7 51.7





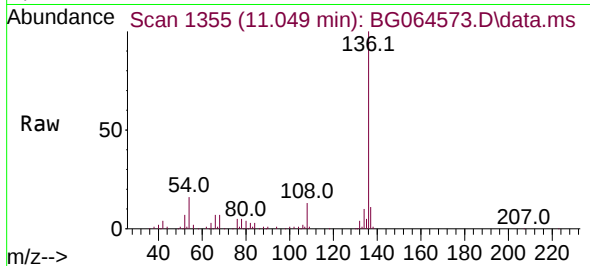
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

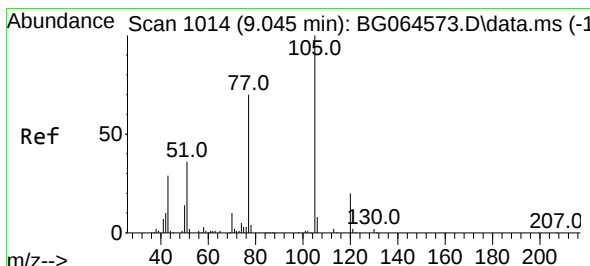
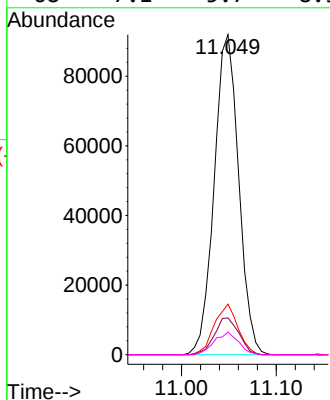
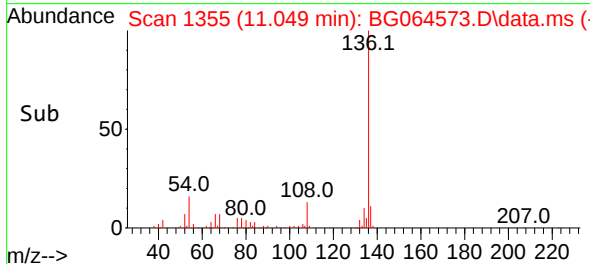


Tgt Ion:136 Resp: 164795
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 15.8 12.6 19.0
68 7.1 5.7 8.5

Manual Integrations

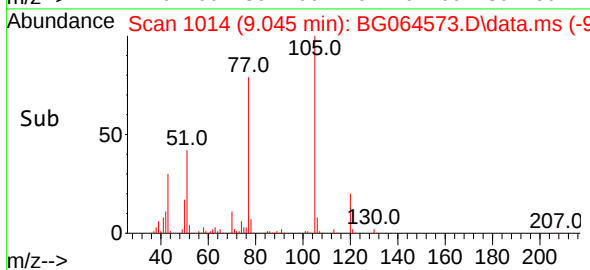
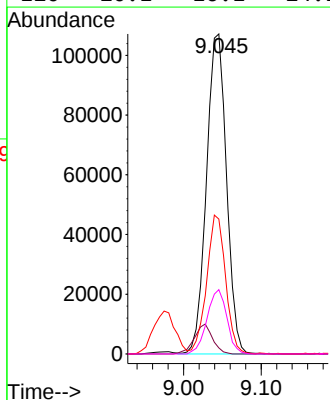
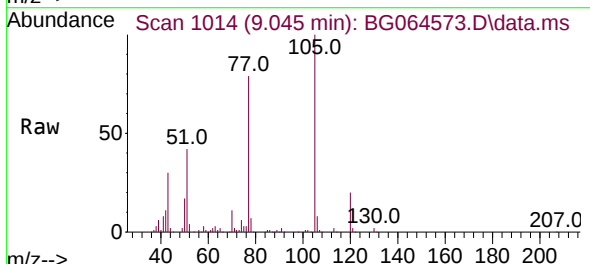
APPROVED

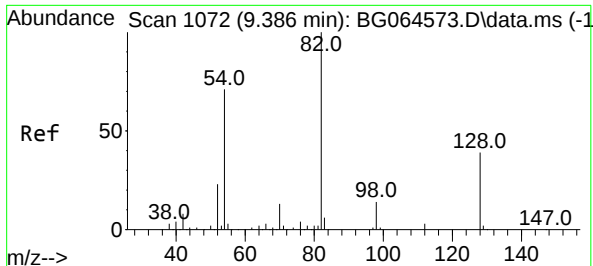
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 42.1 33.7 50.5
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 90.513 ng

RT: 9.386 min Scan# 1072

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

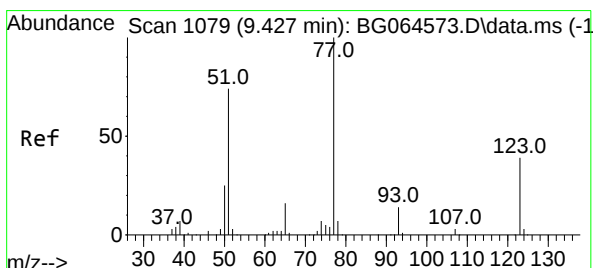
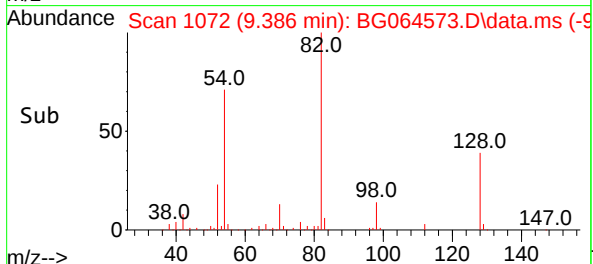
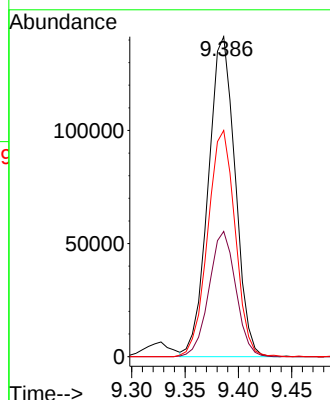
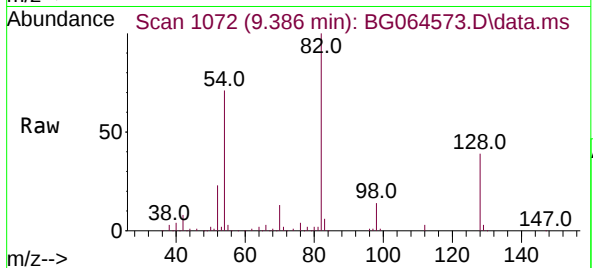
ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 24834
 Ion Ratio Lower Upper
 82 100
 128 39.1 31.3 46.9
 54 70.7 56.6 84.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 45.274 ng

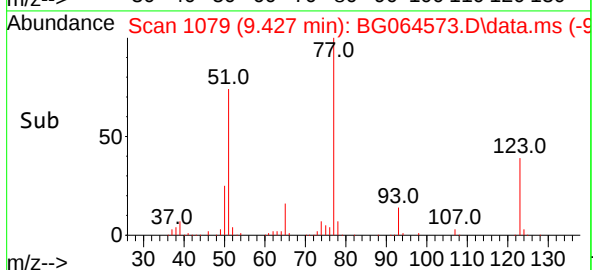
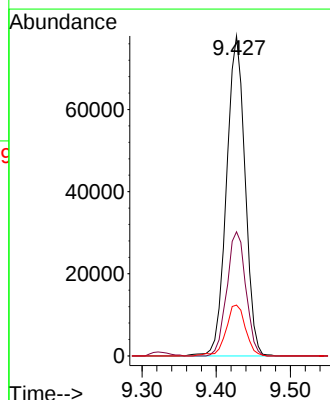
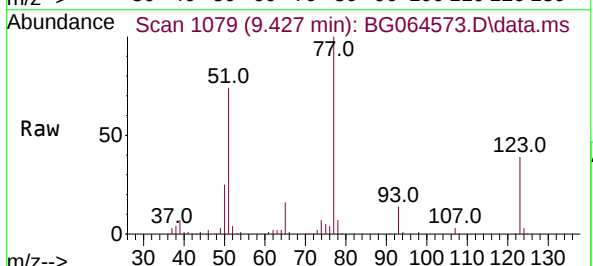
RT: 9.427 min Scan# 1079

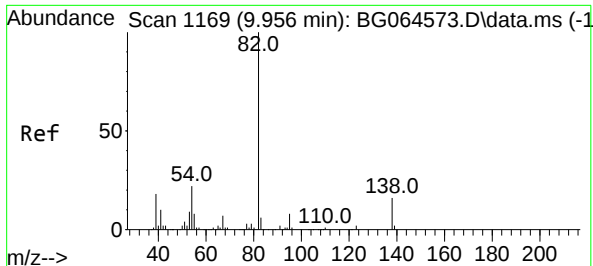
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

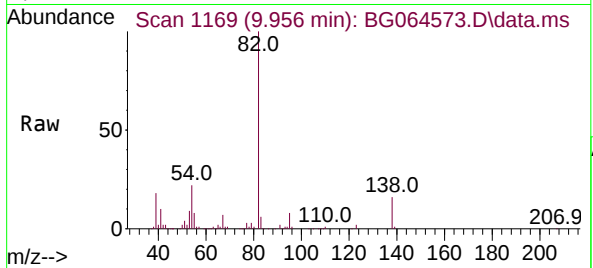
Tgt Ion: 77 Resp: 135107
 Ion Ratio Lower Upper
 77 100
 123 38.8 31.0 46.6
 65 15.9 12.7 19.1





#25
Isophorone
Concen: 43.507 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

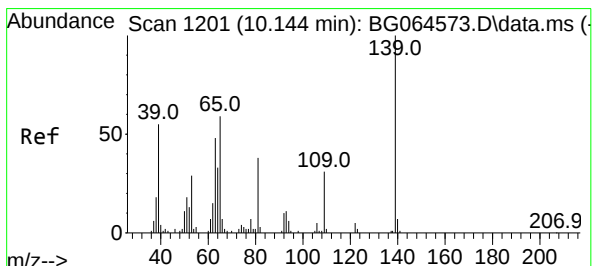
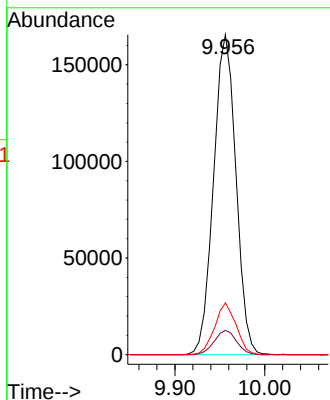
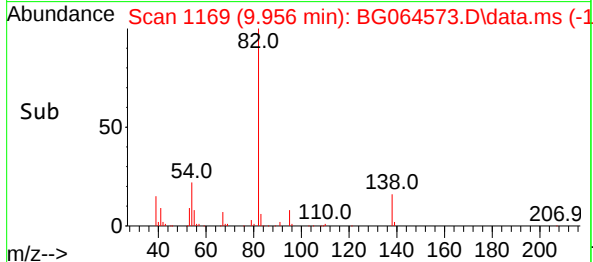
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



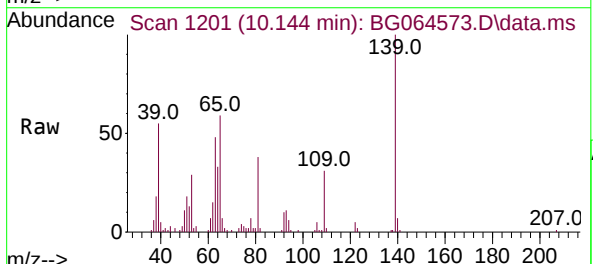
Tgt Ion: 82 Resp: 286439
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.2 13.0 19.4

Manual Integrations
APPROVED

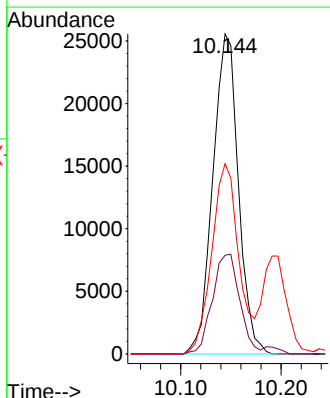
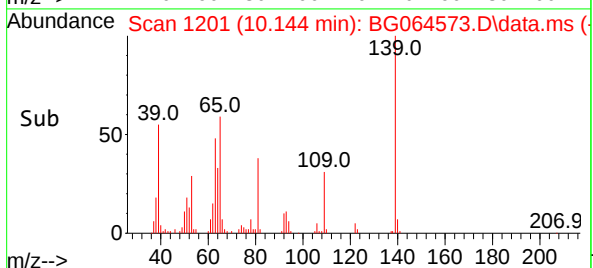
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

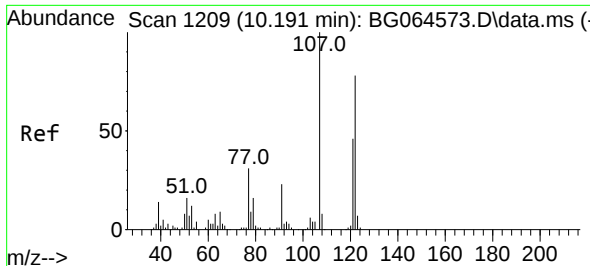


#26
2-Nitrophenol
Concen: 39.772 ng
RT: 10.144 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



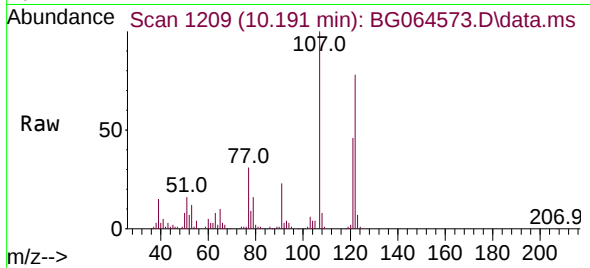
Tgt Ion:139 Resp: 45134
Ion Ratio Lower Upper
139 100
109 30.8 24.6 37.0
65 59.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 45.129 ng
RT: 10.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

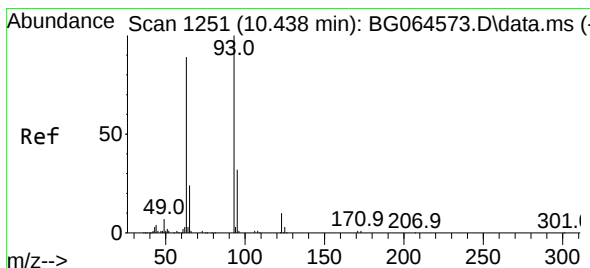
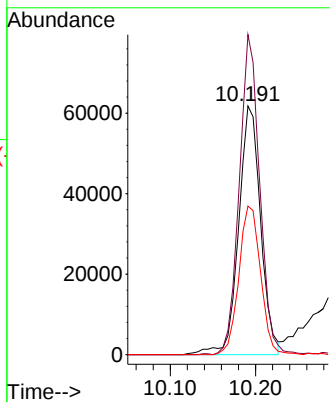
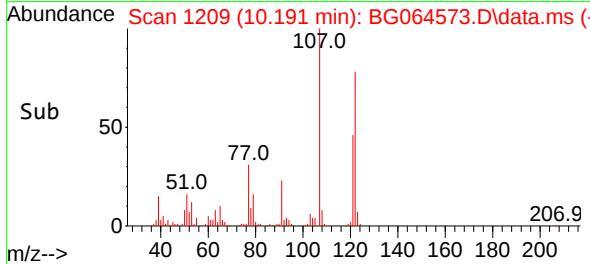
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 110518
Ion Ratio Lower Upper
122 100
107 128.7 103.0 154.4
121 59.8 47.8 71.8

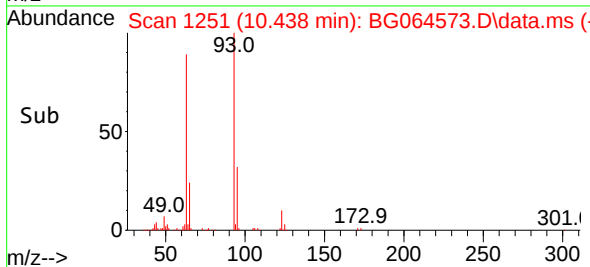
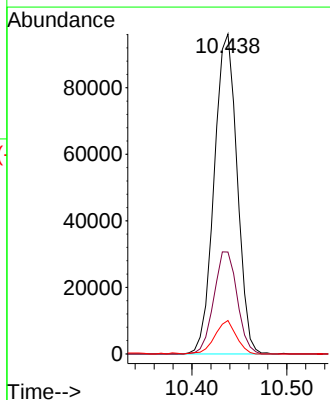
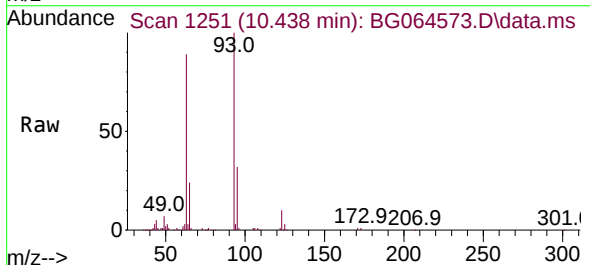
Manual Integrations
APPROVED

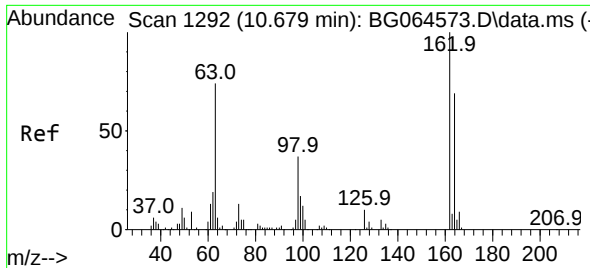
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.070 ng
RT: 10.438 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

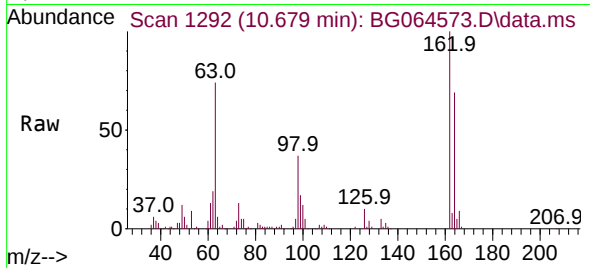
Tgt Ion: 93 Resp: 161449
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.2
123 10.5 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 45.026 ng
RT: 10.679 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

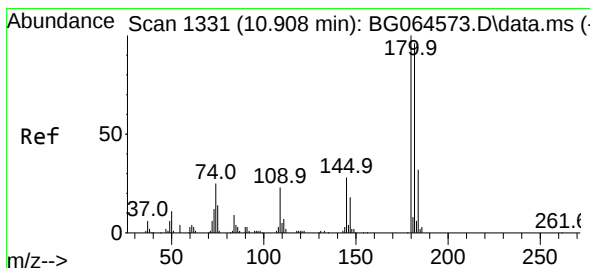
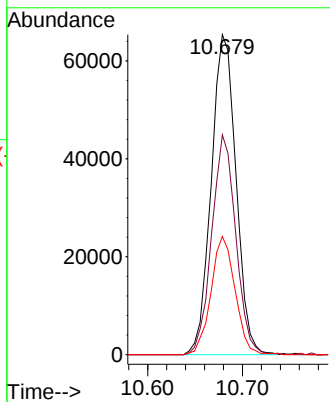
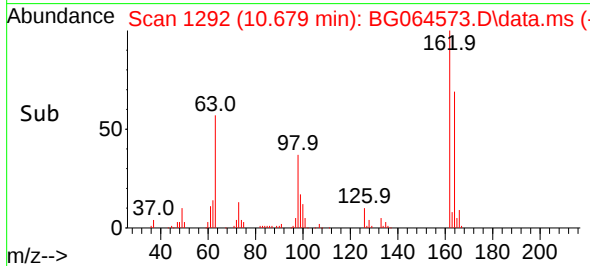
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



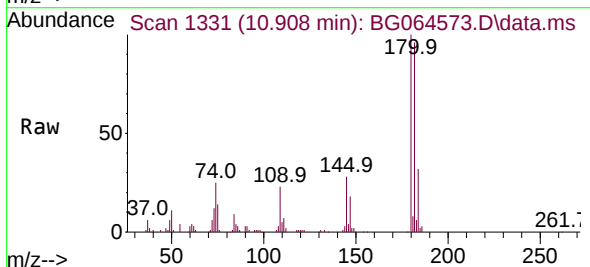
Tgt Ion:162 Resp: 118669
Ion Ratio Lower Upper
162 100
164 68.7 48.7 88.7
98 36.9 16.9 56.9

Manual Integrations
APPROVED

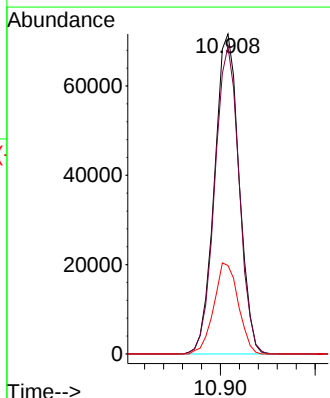
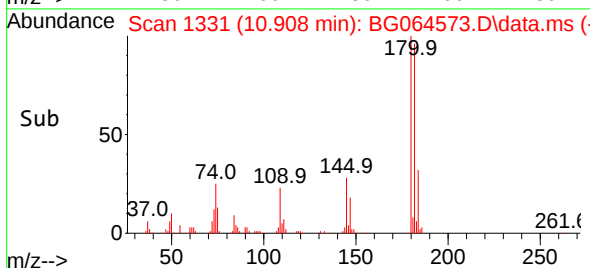
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

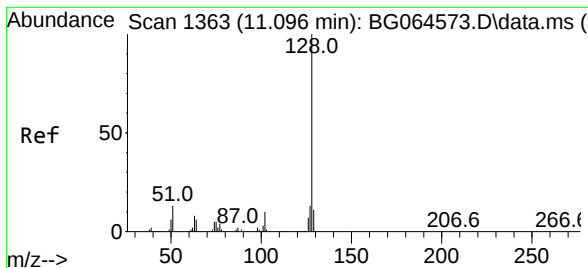


#30
1,2,4-Trichlorobenzene
Concen: 43.046 ng
RT: 10.908 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



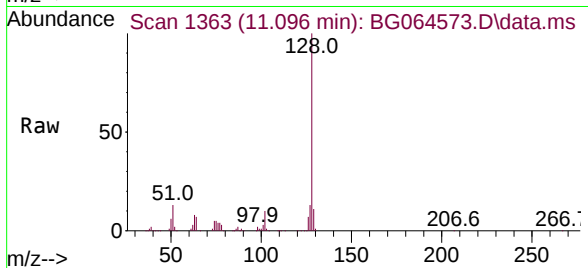
Tgt Ion:180 Resp: 128902
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 27.6 22.1 33.1





#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

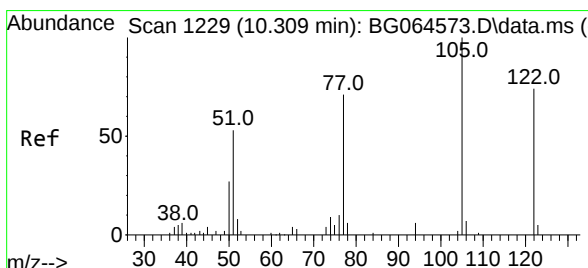
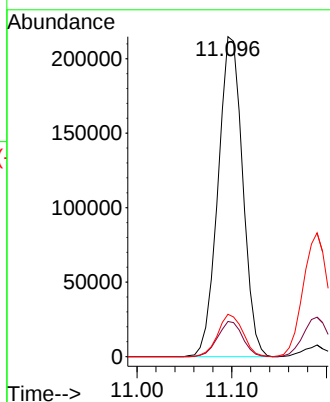
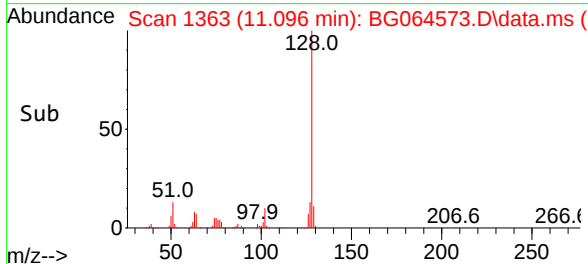
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 388032
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

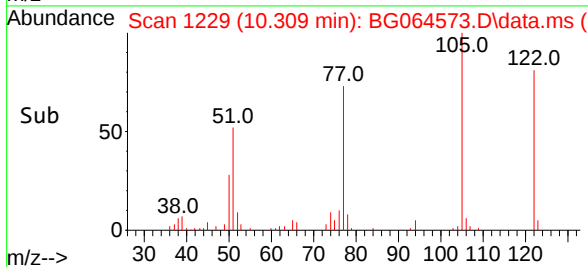
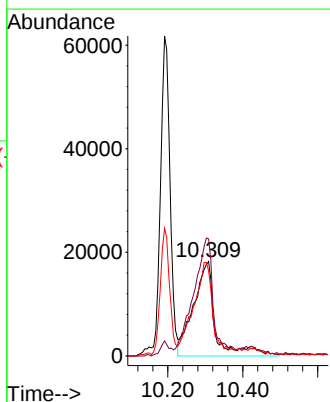
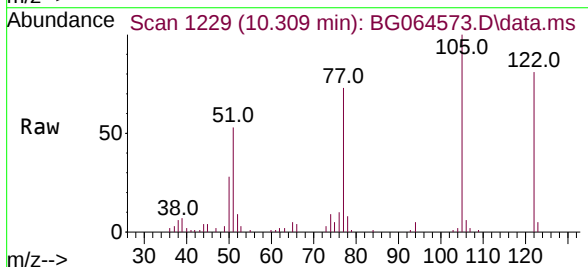
Manual Integrations
APPROVED

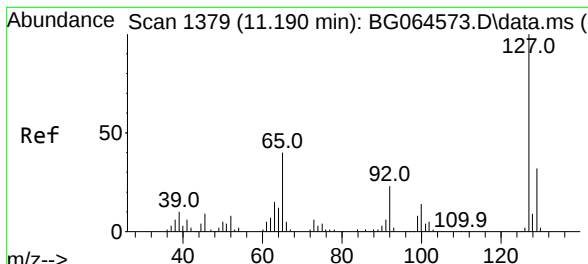
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 40.425 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

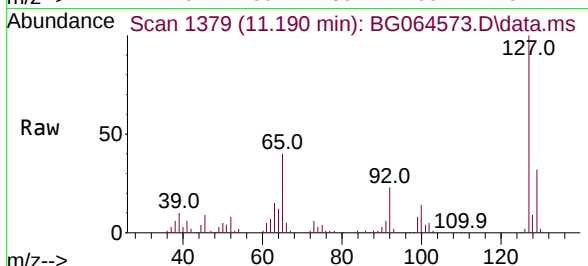
Tgt Ion:122 Resp: 73604
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 90.2 70.2 110.2





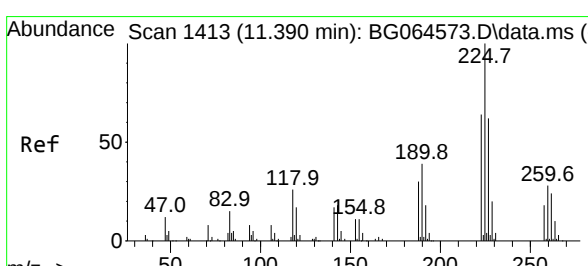
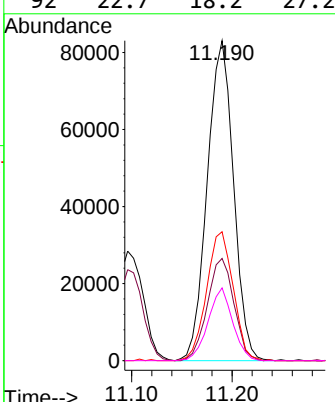
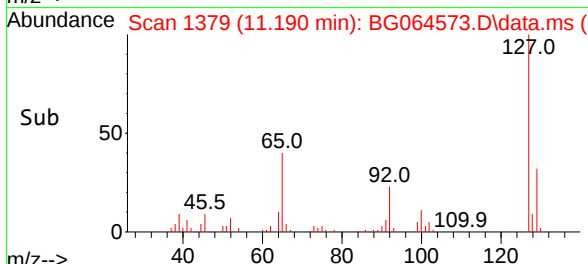
#33
 4-Chloroaniline
 Concen: 42.585 ng
 RT: 11.190 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

Instrument : BNA_G
 ClientSampleId : SSTDICC040

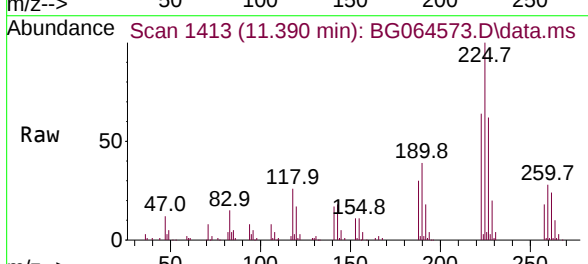


Tgt Ion:	127	Resp:	15123
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.5	38.3
65	40.3	32.2	48.4
92	22.7	18.2	27.2

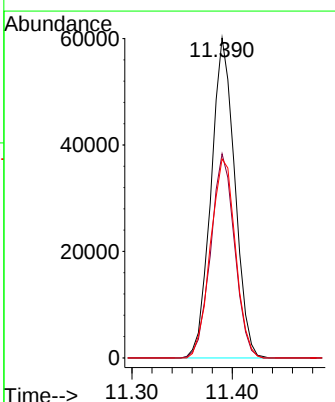
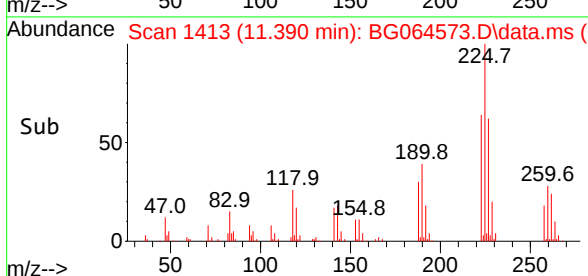
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

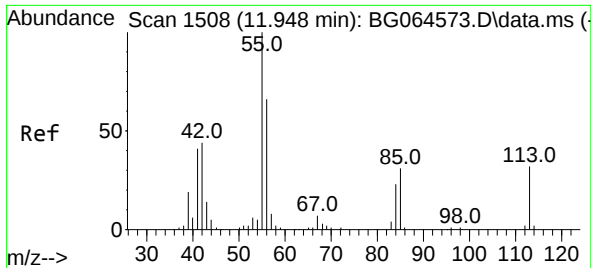


#34
 Hexachlorobutadiene
 Concen: 42.139 ng
 RT: 11.390 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03



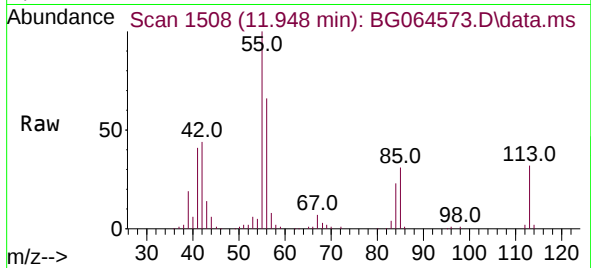
Tgt Ion:	225	Resp:	98683
Ion Ratio	Lower	Upper	
225	100		
223	61.0	48.8	73.2
227	61.9	49.5	74.3





#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

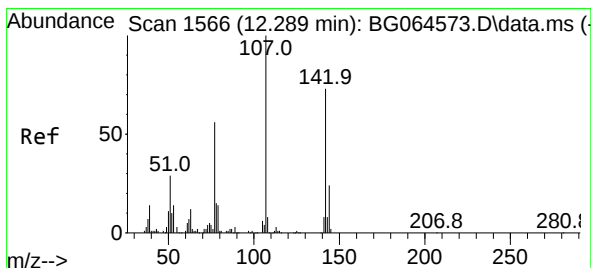
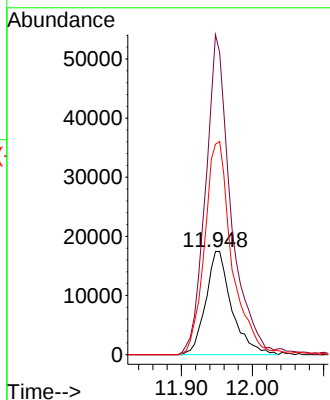
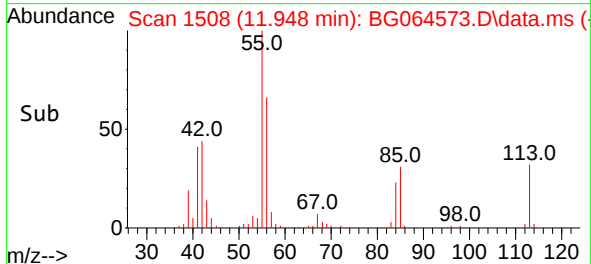
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



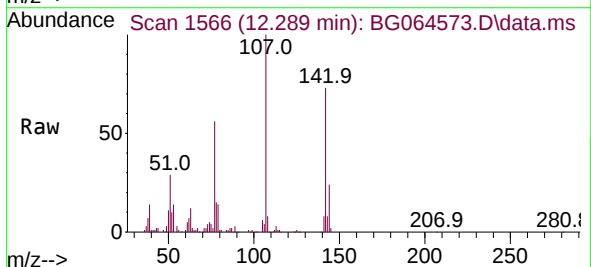
Tgt Ion:113 Resp: 44205
Ion Ratio Lower Upper
113 100
55 310.1 290.1 330.1
56 203.8 183.8 223.8

Manual Integrations
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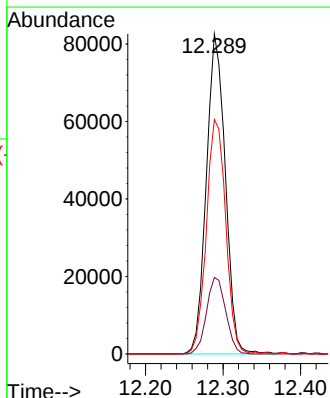
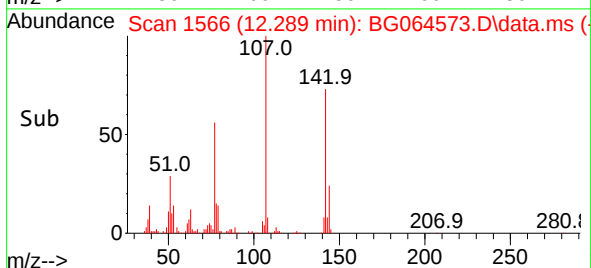
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

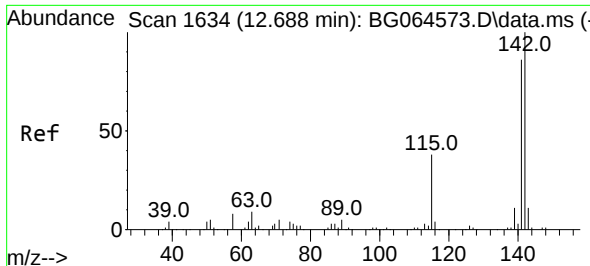


#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



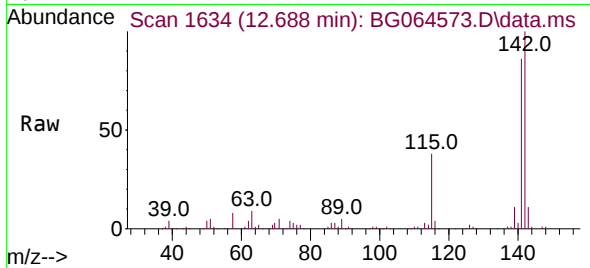
Tgt Ion:107 Resp: 140272
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

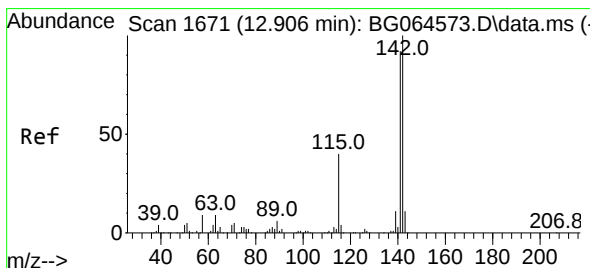
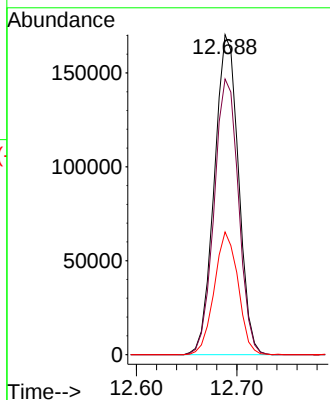
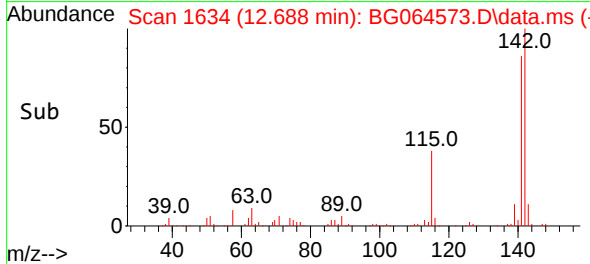
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



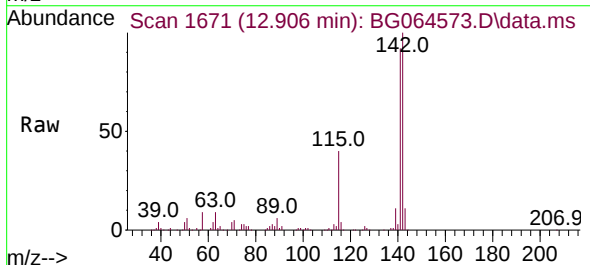
Tgt Ion:142 Resp: 285089
Ion Ratio Lower Upper
142 100
141 86.1 68.9 103.3
115 38.3 30.6 46.0

Manual Integrations
APPROVED

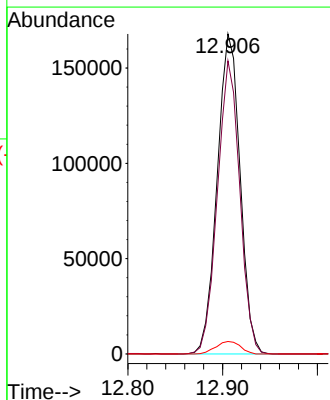
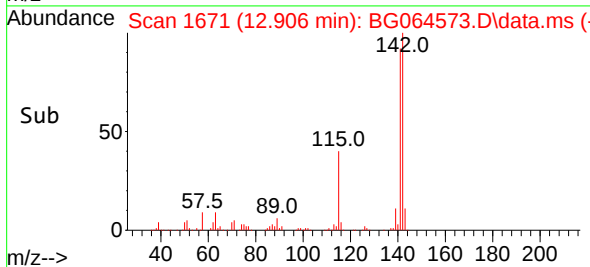
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

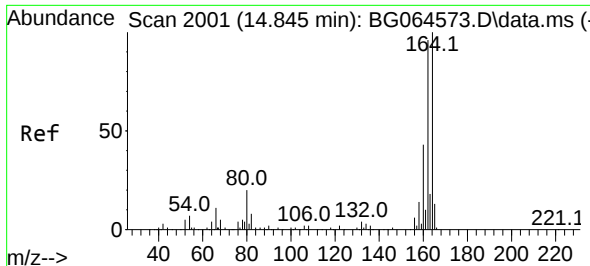


#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



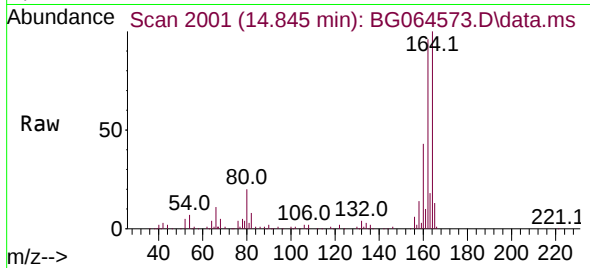
Tgt Ion:142 Resp: 281256
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

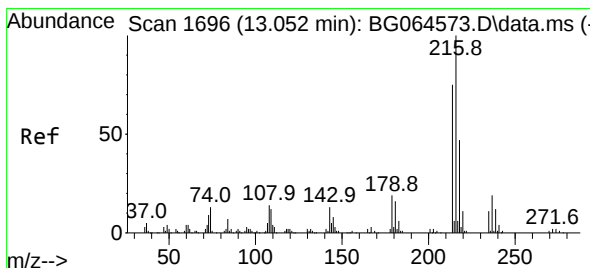
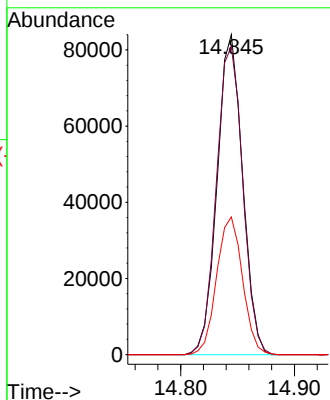
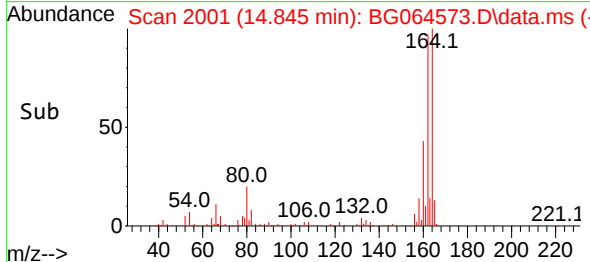
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



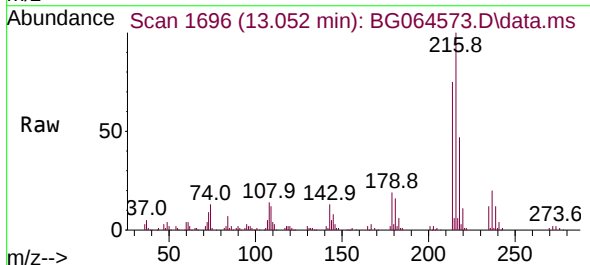
Tgt Ion:164 Resp: 130542
Ion Ratio Lower Upper
164 100
162 96.3 77.0 115.6
160 43.0 34.4 51.6

Manual Integrations
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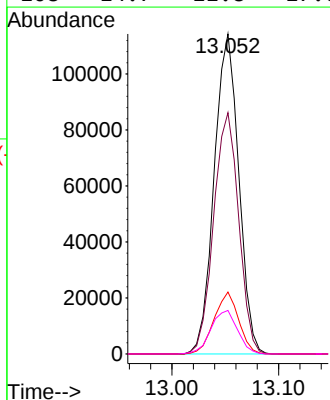
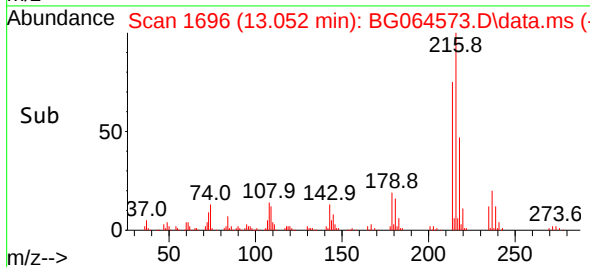
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

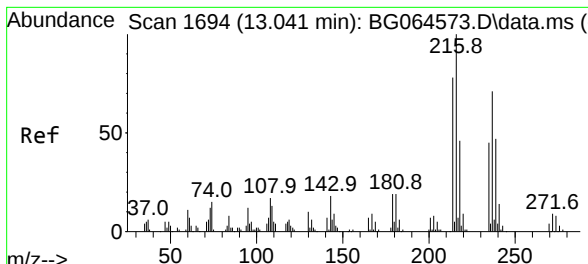


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



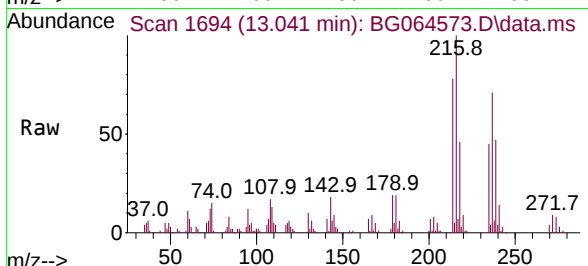
Tgt Ion:216 Resp: 183376
Ion Ratio Lower Upper
216 100
214 76.8 61.4 92.2
179 19.2 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

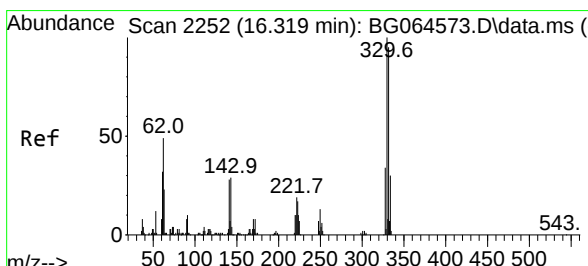
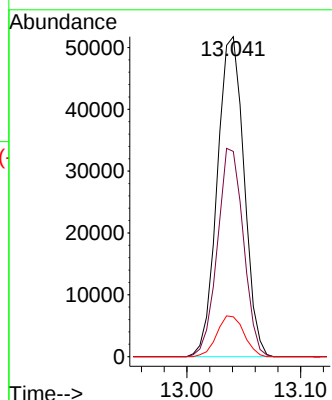
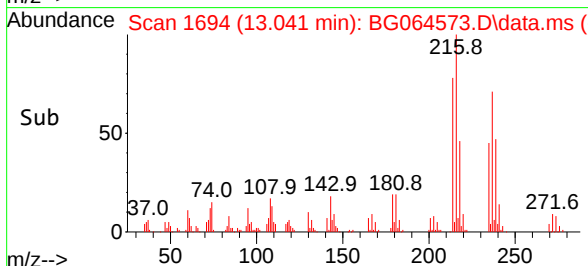
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



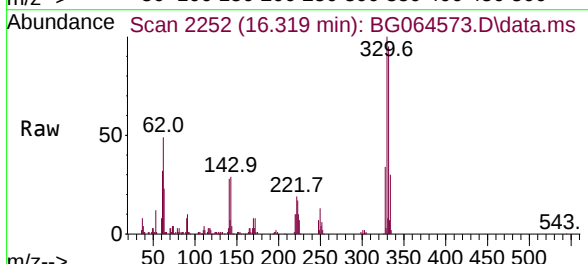
Tgt Ion:237 Resp: 84505
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 12.4 0.0 32.4

Manual Integrations
APPROVED

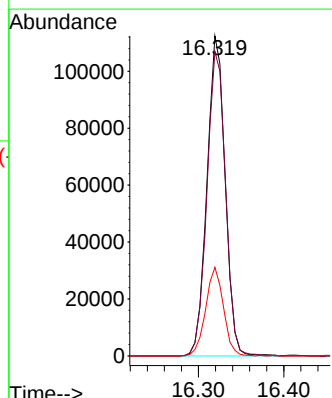
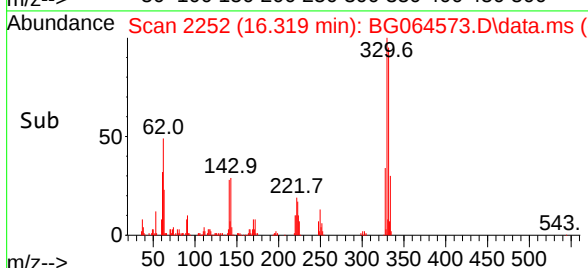
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

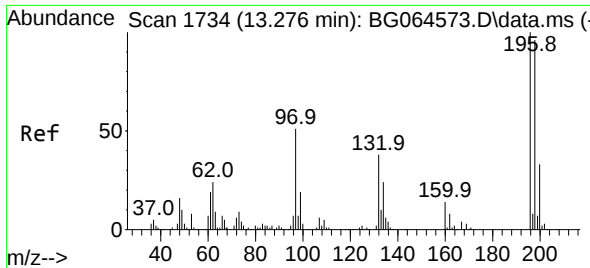


#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:330 Resp: 165976
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.2 21.8 32.6





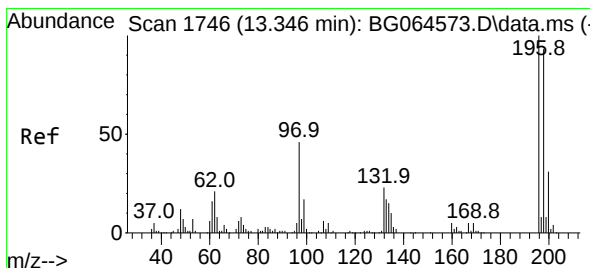
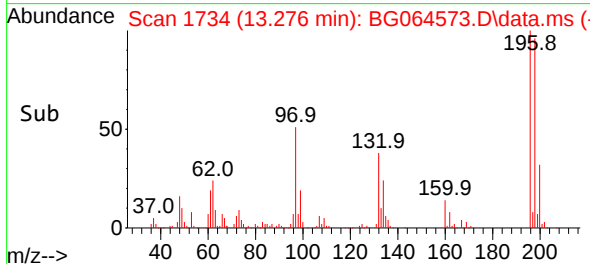
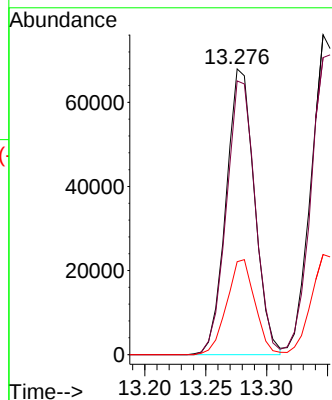
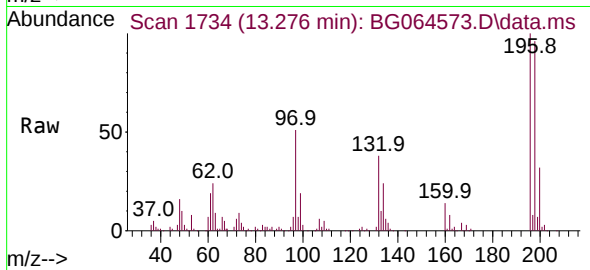
#43
2,4,6-Trichlorophenol
Concen: 44.097 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 110509
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 32.5 26.0 39.0

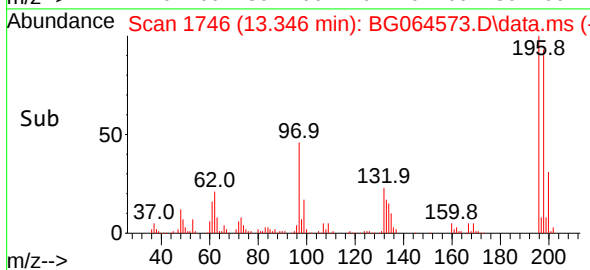
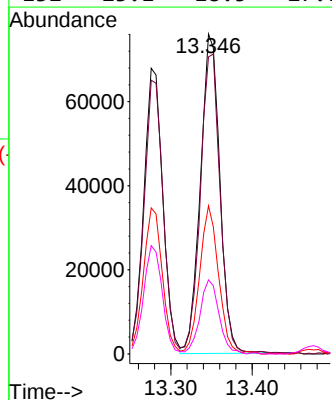
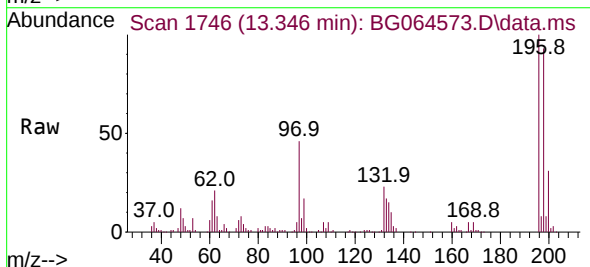
Manual Integrations
APPROVED

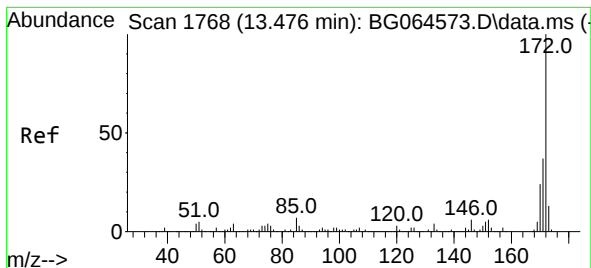
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 43.694 ng
RT: 13.346 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

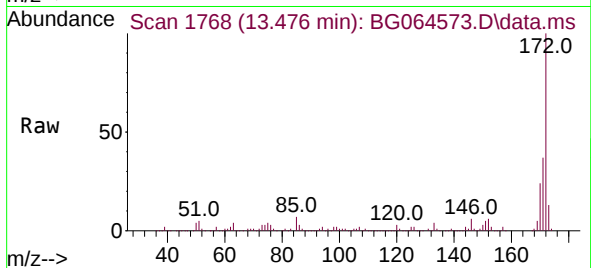
Tgt Ion:196 Resp: 126360
Ion Ratio Lower Upper
196 100
198 92.8 74.2 111.4
97 46.3 37.0 55.6
132 23.1 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 83.888 ng
RT: 13.476 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

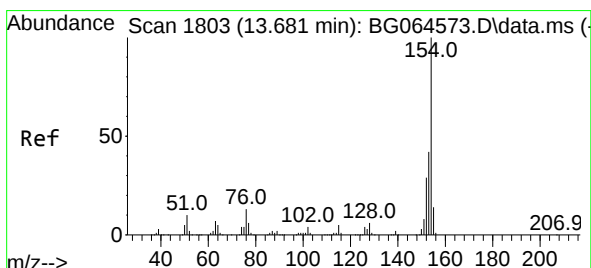
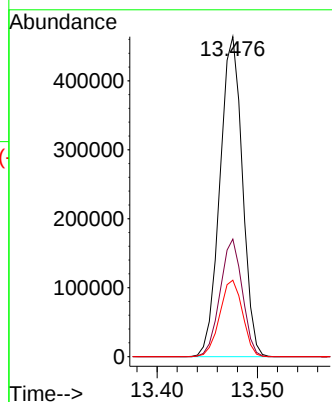
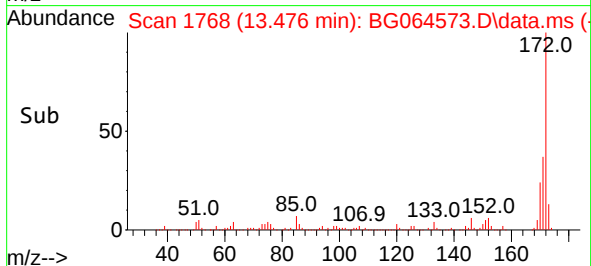
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



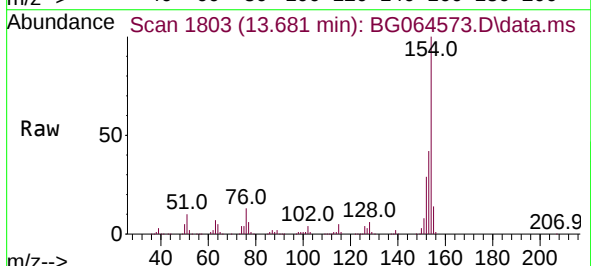
Tgt Ion:172 Resp: 722472
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.9 19.1 28.7

Manual Integrations
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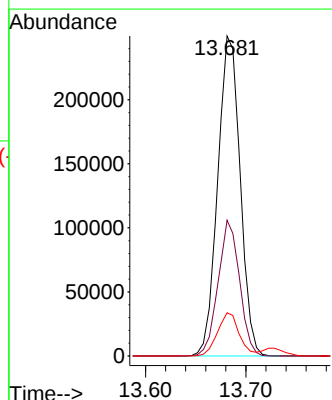
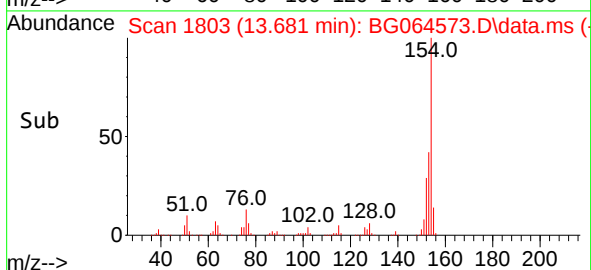
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

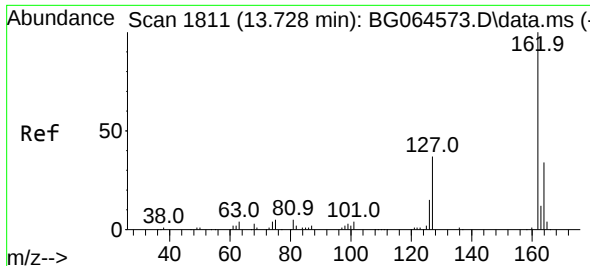


#46
1,1'-Biphenyl
Concen: 41.885 ng
RT: 13.681 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



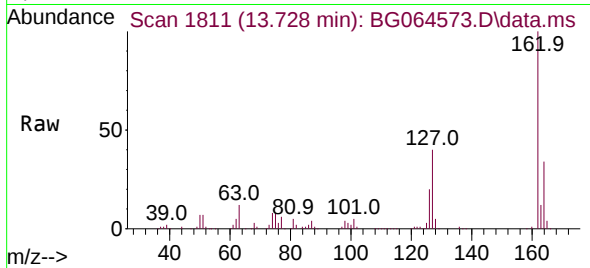
Tgt Ion:154 Resp: 388718
Ion Ratio Lower Upper
154 100
153 42.4 22.4 62.4
76 13.5 0.0 33.5





#47
2-Chloronaphthalene
Concen: 42.182 ng
RT: 13.728 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

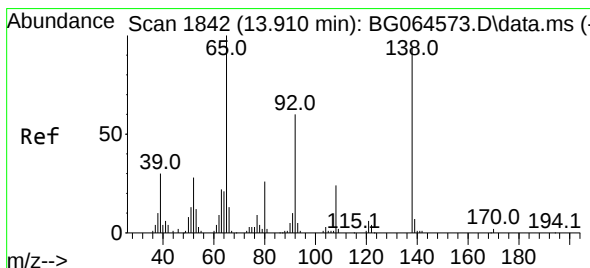
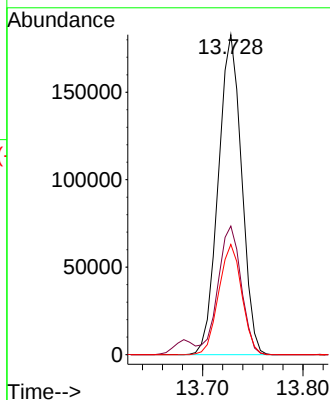
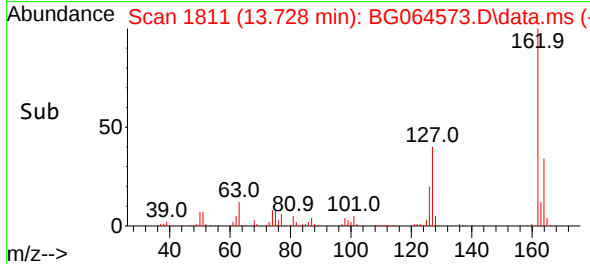
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 295501
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.2
164 34.4 27.5 41.3

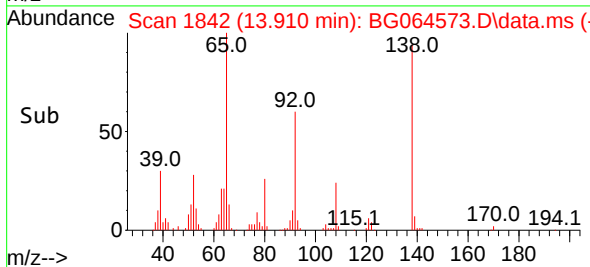
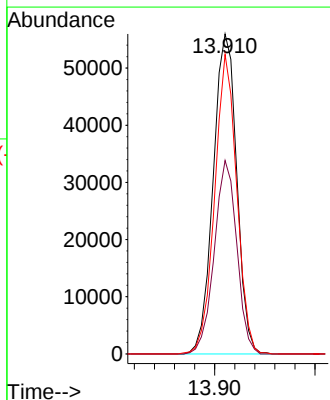
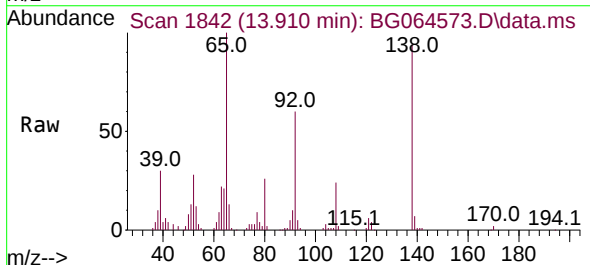
Manual Integrations
APPROVED

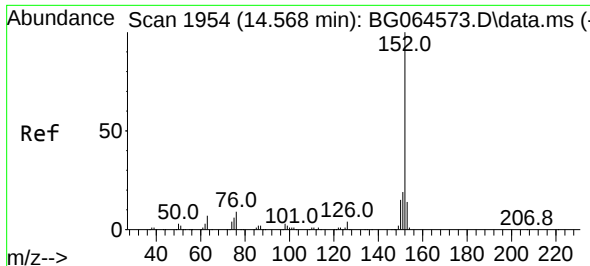
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 39.303 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

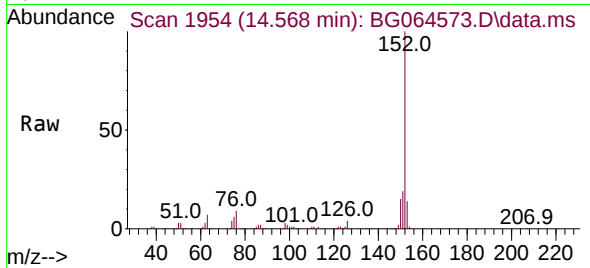
Tgt Ion: 65 Resp: 90958
Ion Ratio Lower Upper
65 100
92 60.4 48.3 72.5
138 93.6 74.9 112.3





#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

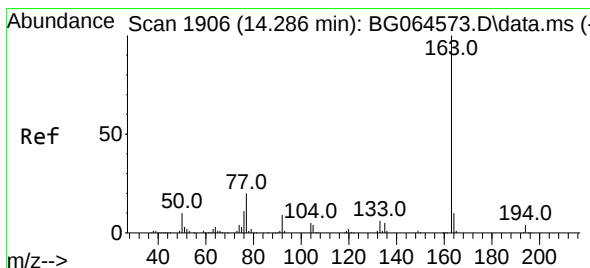
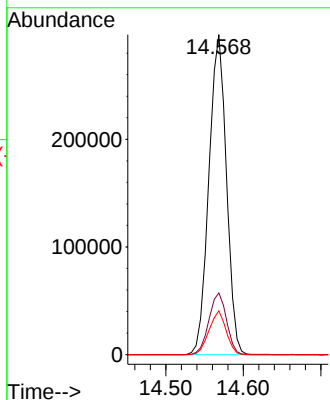
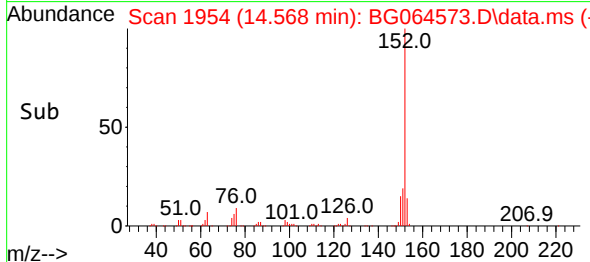
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



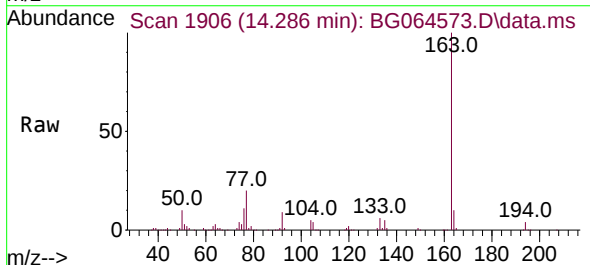
Tgt Ion:152 Resp: 466393
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.7 11.0 16.4

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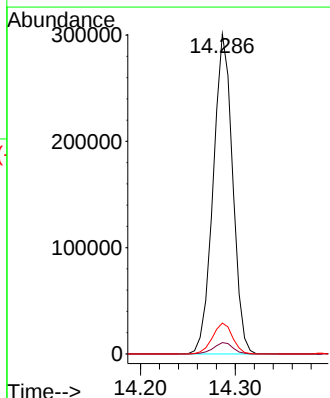
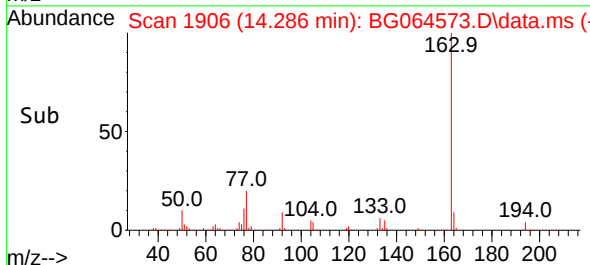
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

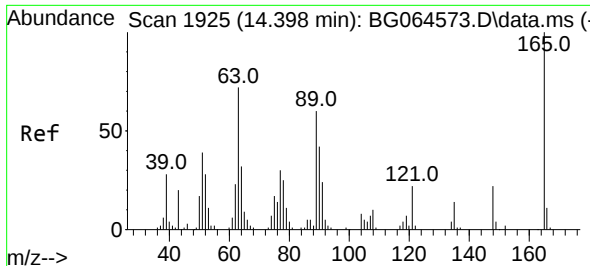


#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:163 Resp: 428475
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.6 7.7 11.5





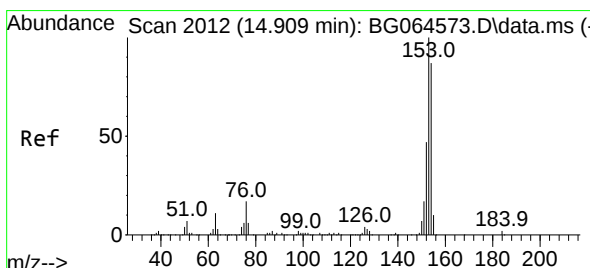
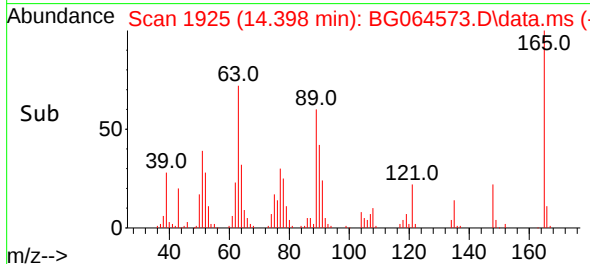
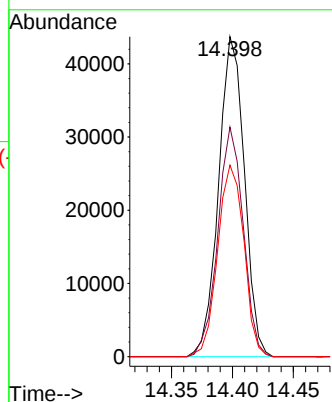
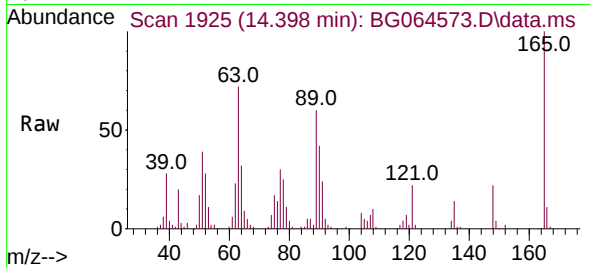
#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 64452
Ion Ratio Lower Upper
165 100
63 71.7 57.4 86.0
89 59.8 47.8 71.8

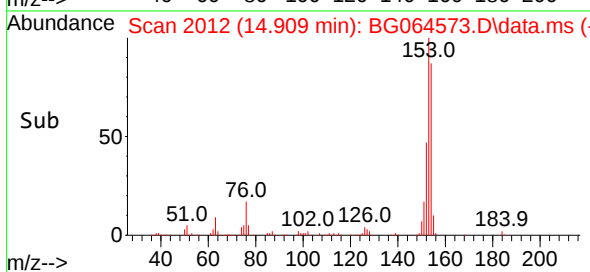
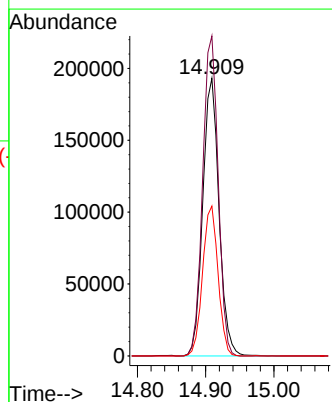
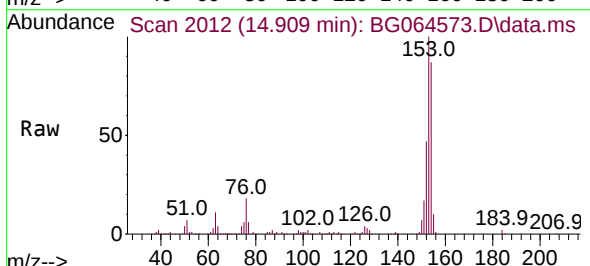
Manual Integrations
APPROVED

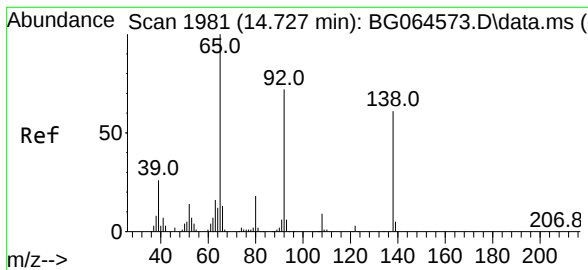
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 54.0 43.2 64.8





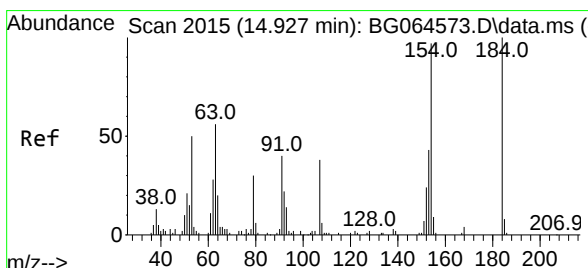
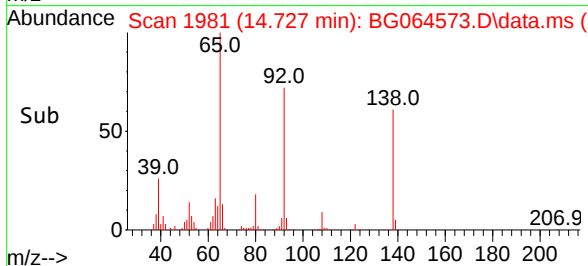
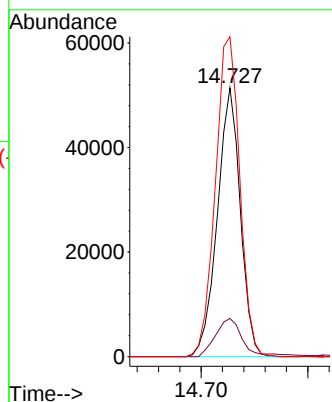
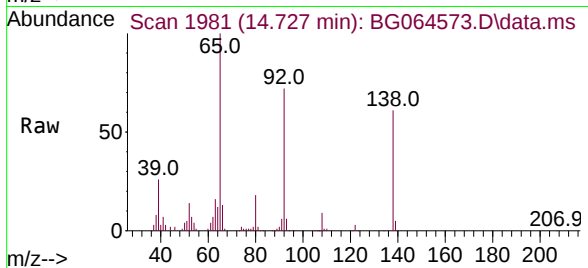
#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 7684
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 119.1 95.3 142.9

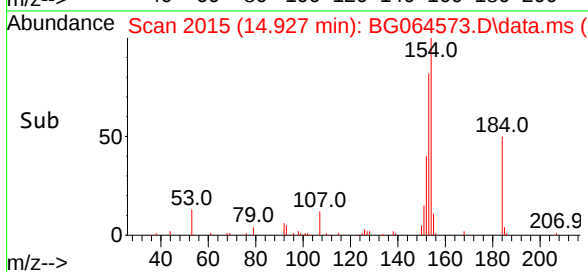
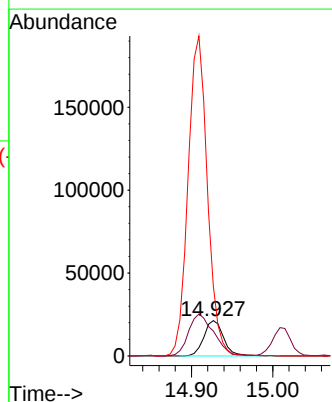
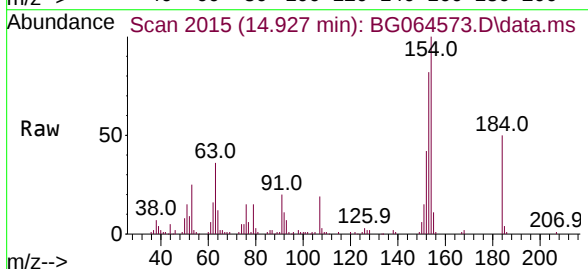
Manual Integrations
APPROVED

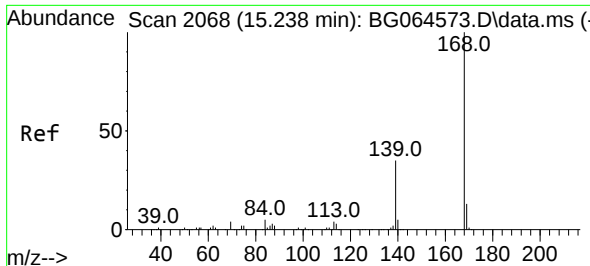
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

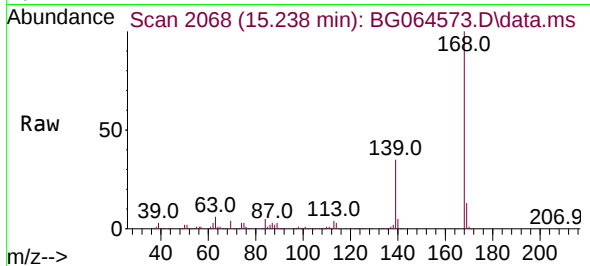
Tgt Ion:184 Resp: 35677
Ion Ratio Lower Upper
184 100
63 70.8 56.6 85.0
154 198.3 158.6 238.0





#55
Dibenzenofuran
Concen: 41.995 ng
RT: 15.238 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

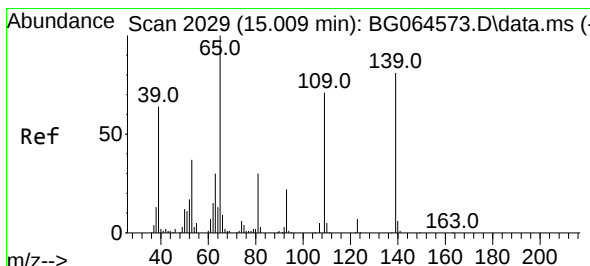
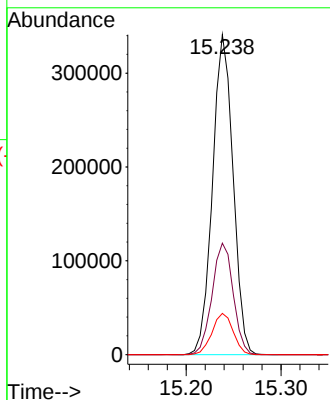
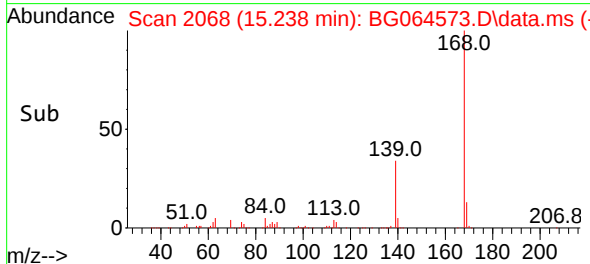
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 51254
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.9 10.3 15.5

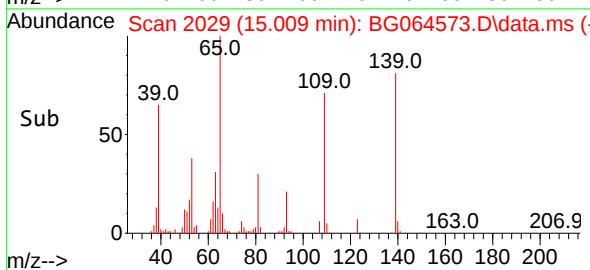
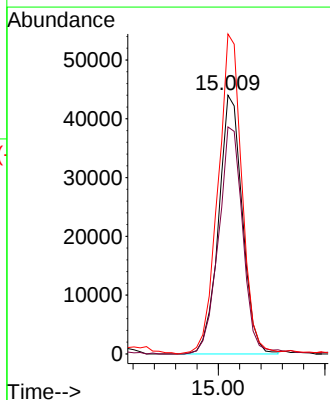
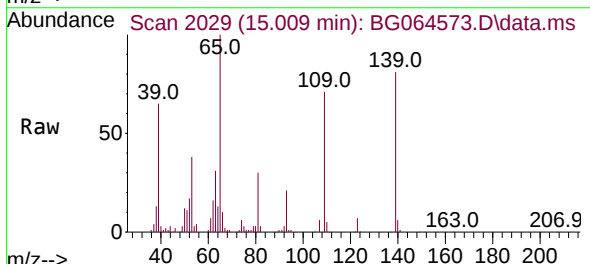
Manual Integrations
APPROVED

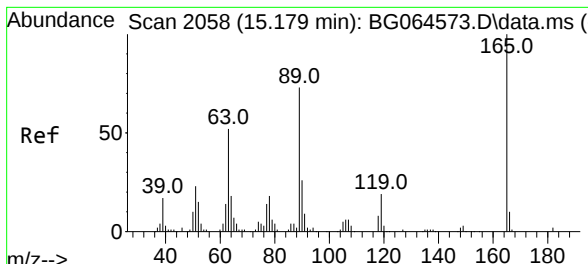
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 42.765 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:139 Resp: 68064
Ion Ratio Lower Upper
139 100
109 87.8 67.8 107.8
65 123.7 103.7 143.7





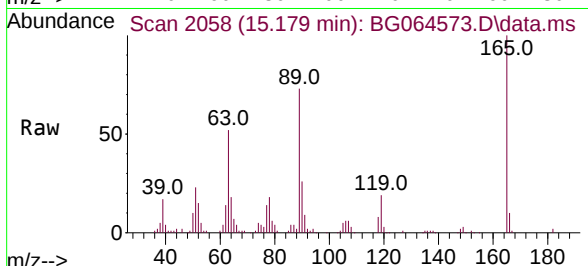
#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:165 Resp: 100448

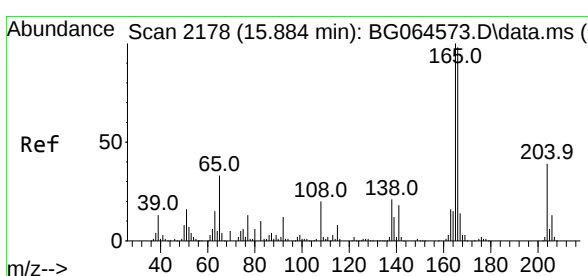
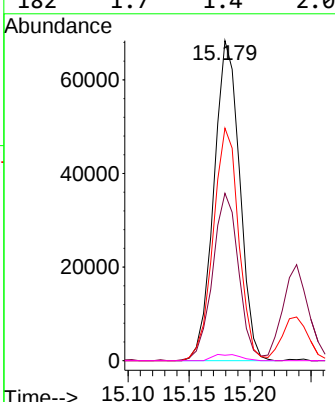
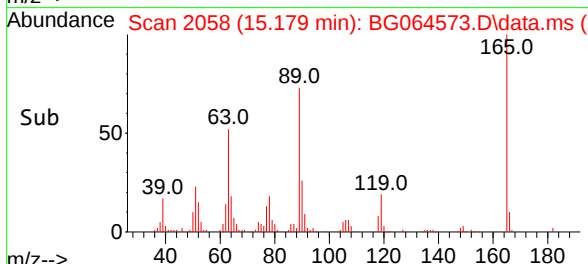
Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	72.6	58.1	87.1
182	1.7	1.4	2.0

Manual Integrations

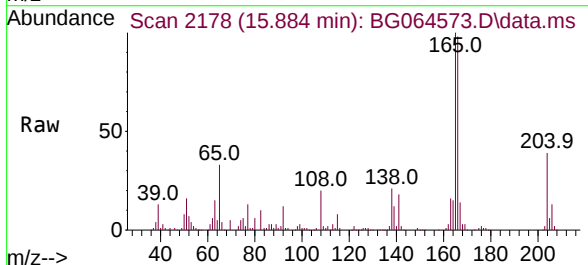
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

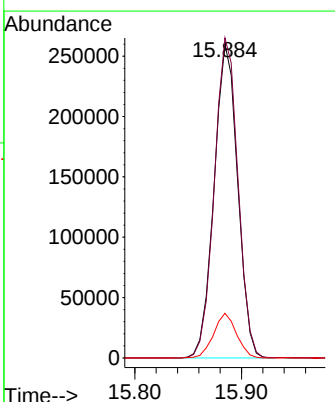
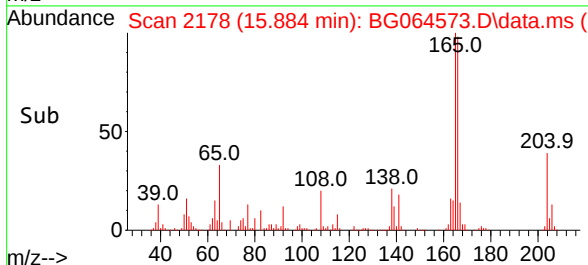


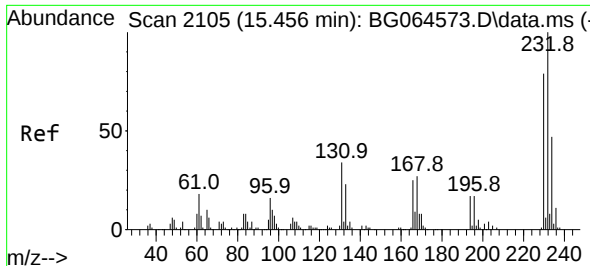
#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:166 Resp: 399745

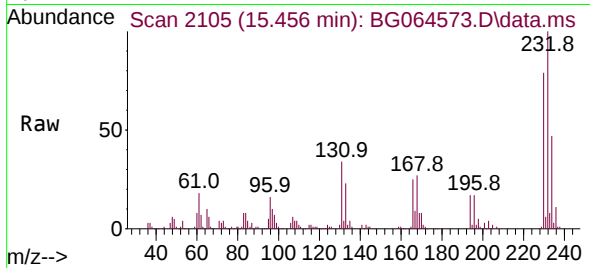
Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.5	122.3
167	14.2	11.4	17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

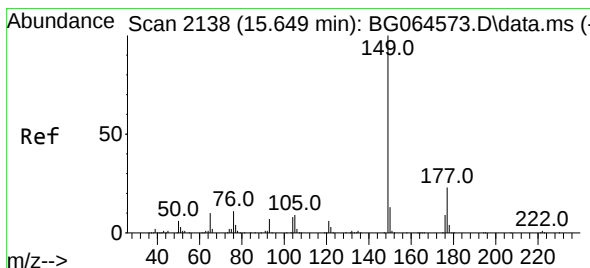
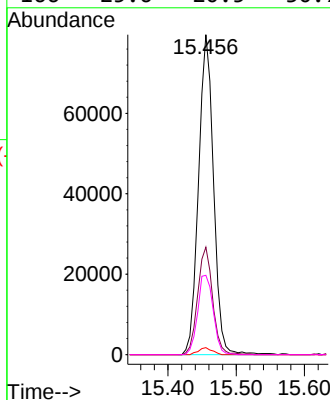
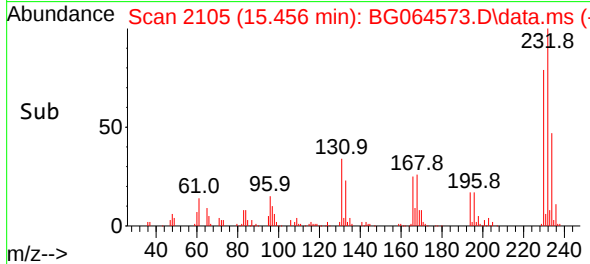
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



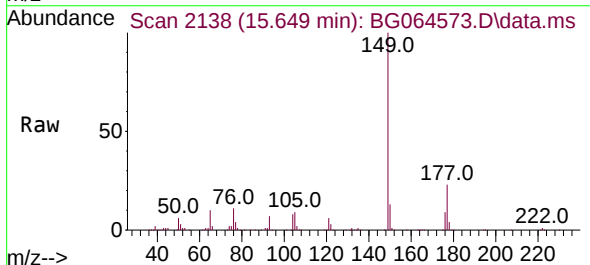
Tgt Ion:232 Resp: 121762
Ion Ratio Lower Upper
232 100
131 33.4 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

Manual Integrations
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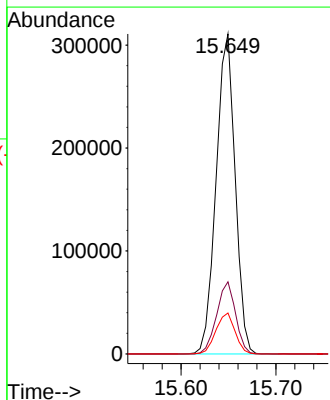
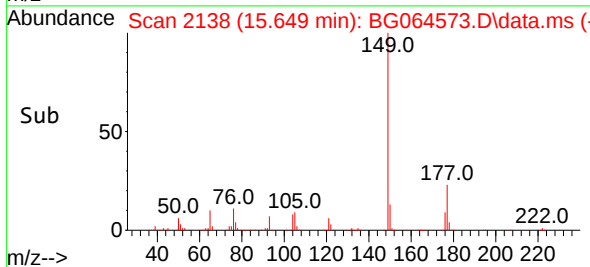
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

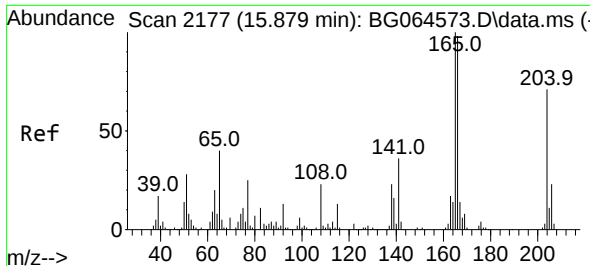


#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



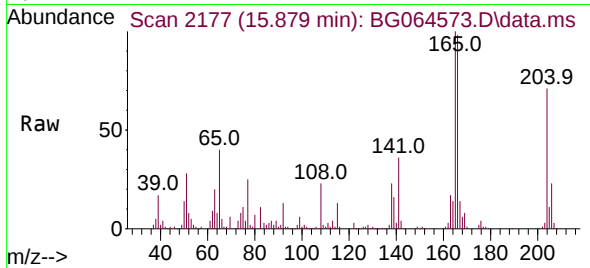
Tgt Ion:149 Resp: 432571
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

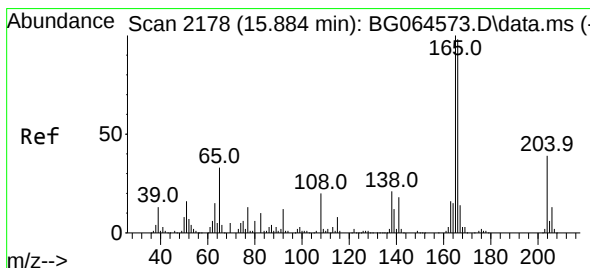
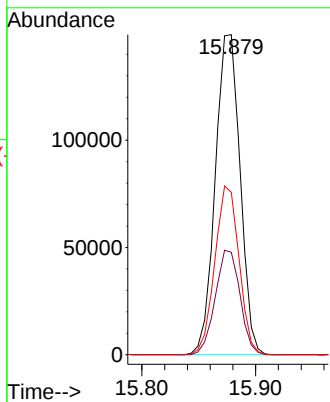
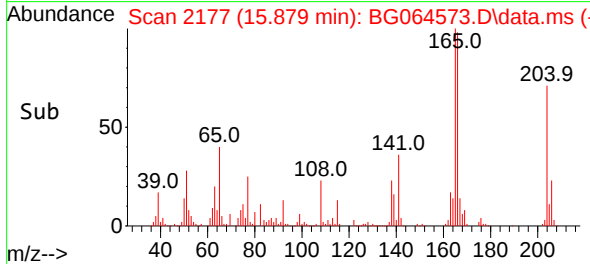
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



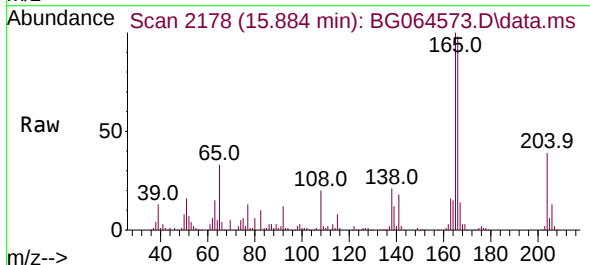
Tgt Ion:204 Resp: 226104
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 50.7 40.6 60.8

Manual Integrations
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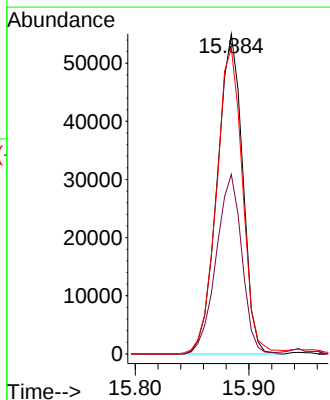
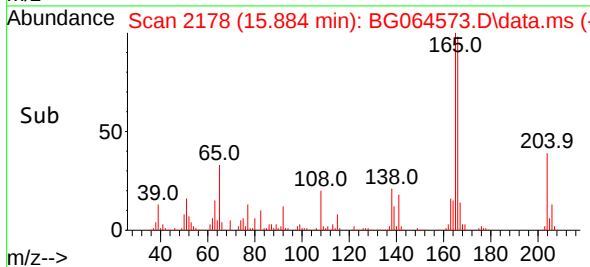
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

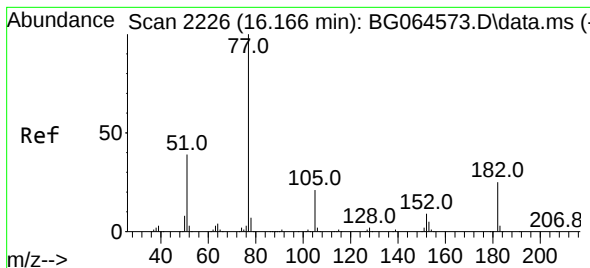


#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:138 Resp: 85297
Ion Ratio Lower Upper
138 100
92 56.1 36.1 76.1
108 95.6 75.6 115.6





#63

Azobenzene

Concen: 42.922 ng

RT: 16.166 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BG064573.D

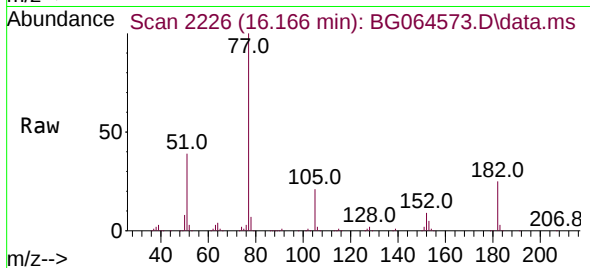
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion: 77 Resp: 401676

Ion Ratio Lower Upper

77 100

182 24.9 4.9 44.9

105 21.3 1.3 41.3

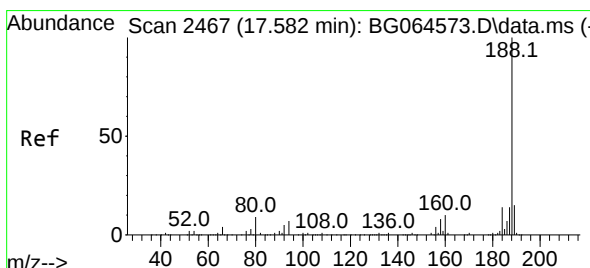
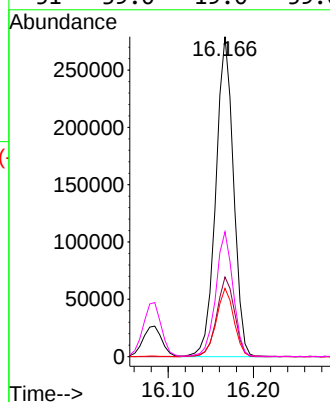
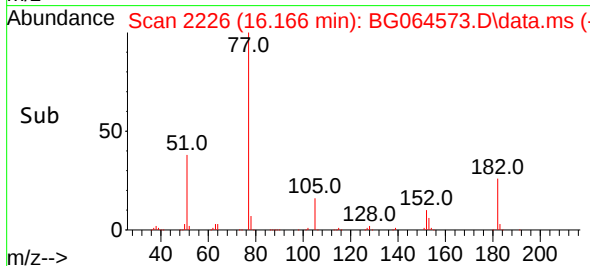
51 39.0 19.0 59.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.582 min Scan# 2467

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

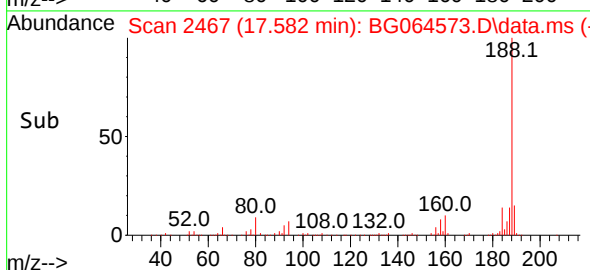
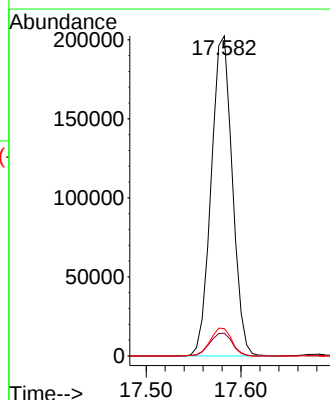
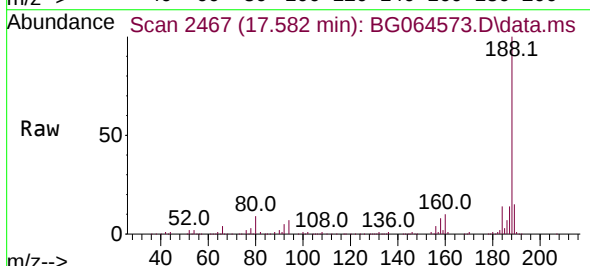
Tgt Ion:188 Resp: 313311

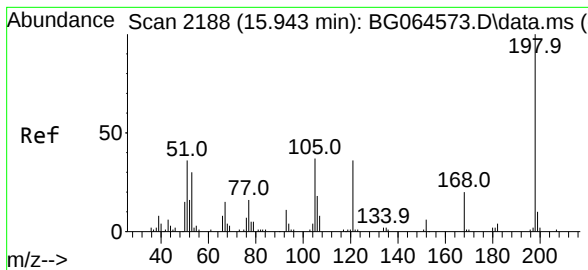
Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 8.5 6.8 10.2





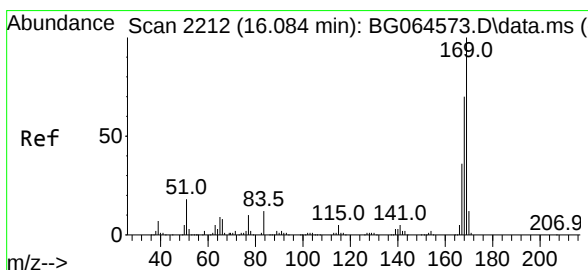
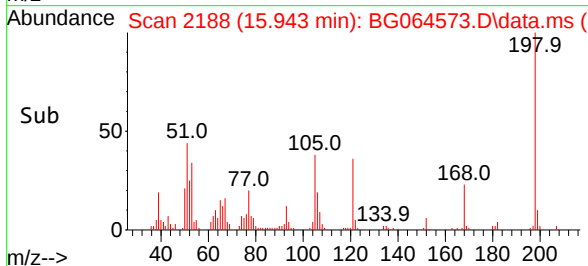
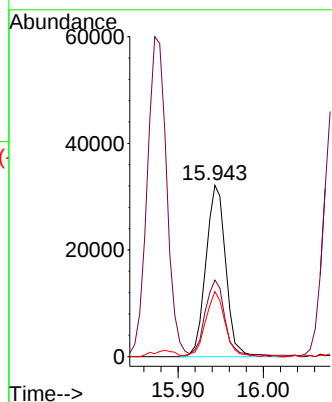
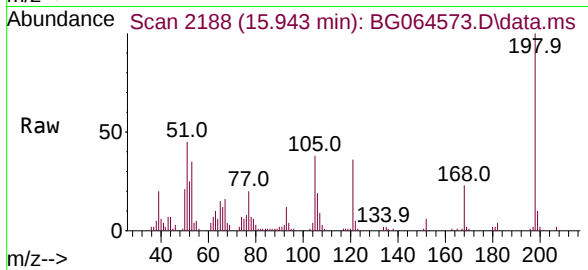
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 51829
Ion Ratio Lower Upper
198 100
51 44.7 24.7 64.7
105 38.0 18.0 58.0

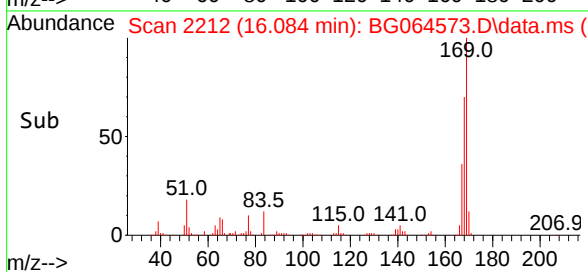
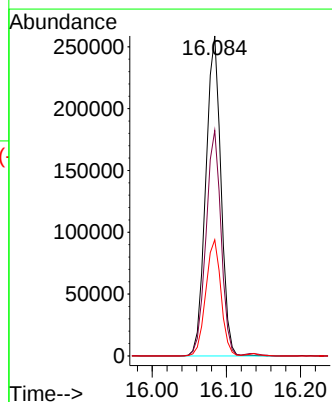
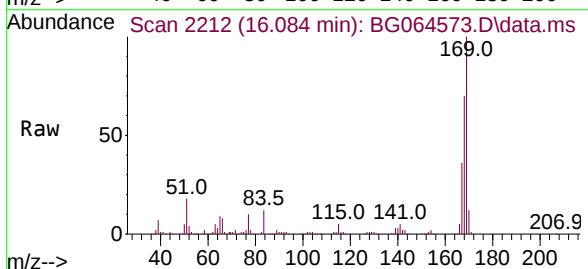
Manual Integrations
APPROVED

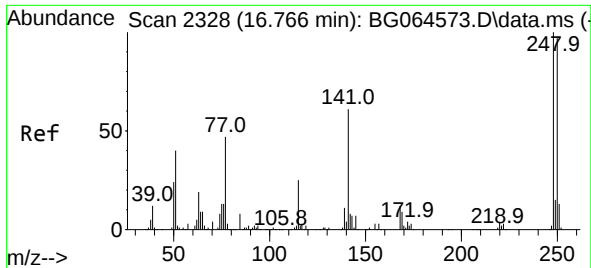
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

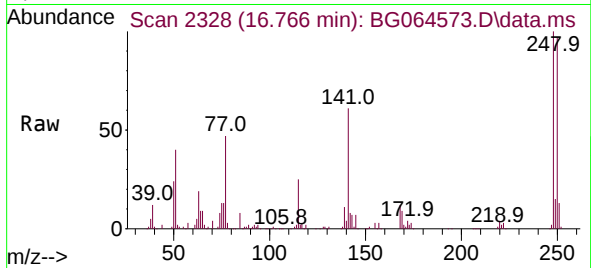
Tgt Ion:169 Resp: 365624
Ion Ratio Lower Upper
169 100
168 70.4 56.3 84.5
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

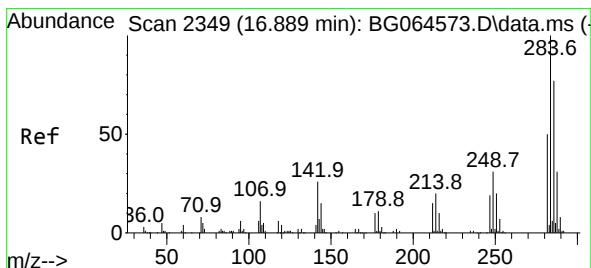
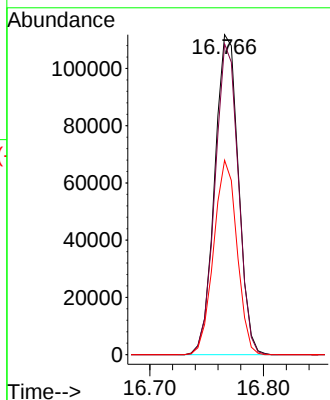
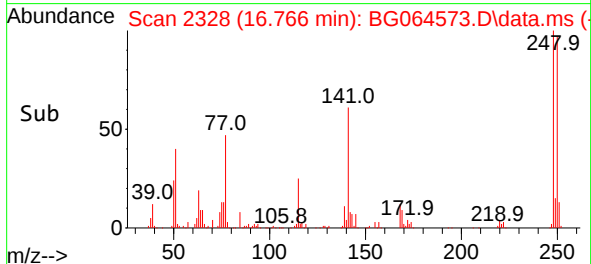
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



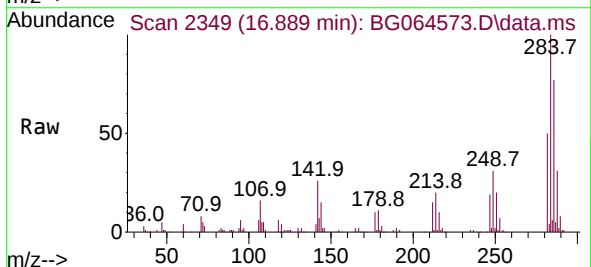
Tgt Ion:248 Resp: 161744
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 60.7 48.6 72.8

Manual Integrations
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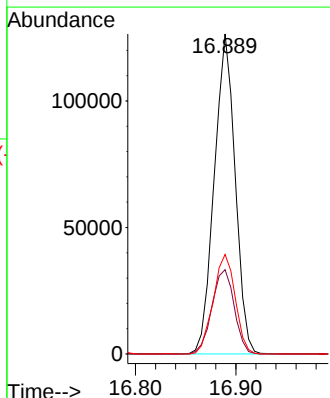
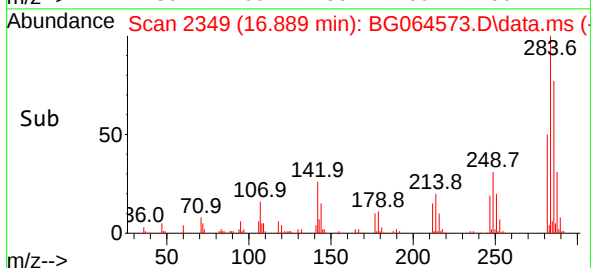
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

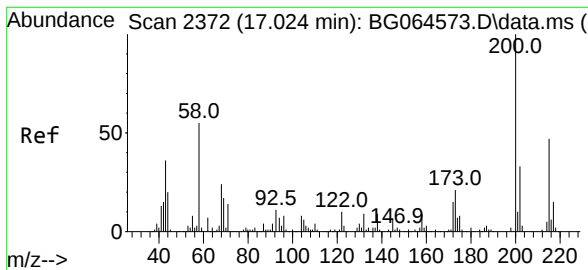


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



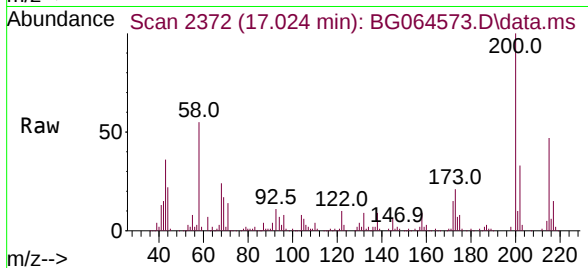
Tgt Ion:284 Resp: 183262
Ion Ratio Lower Upper
284 100
142 26.3 21.0 31.6
249 31.1 24.9 37.3





#69
 Atrazine
 Concen: 42.203 ng
 RT: 17.024 min Scan# 2372
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

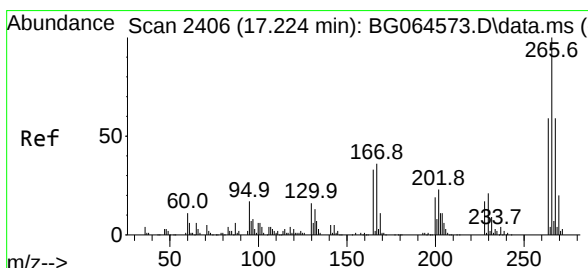
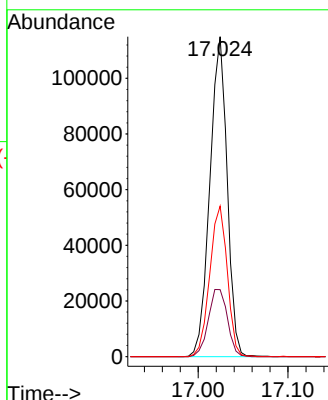
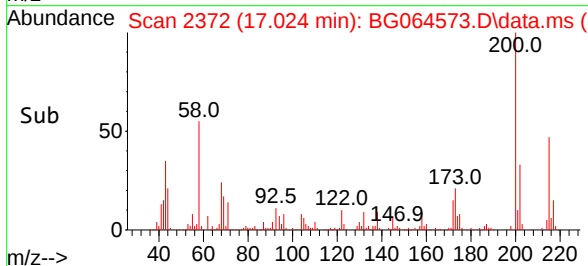
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040



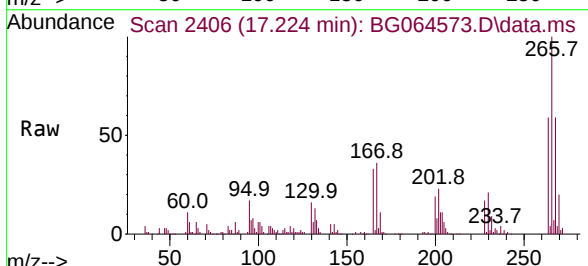
Tgt Ion:200 Resp: 153706
 Ion Ratio Lower Upper
 200 100
 173 20.9 0.9 40.9
 215 47.0 27.0 67.0

Manual Integrations
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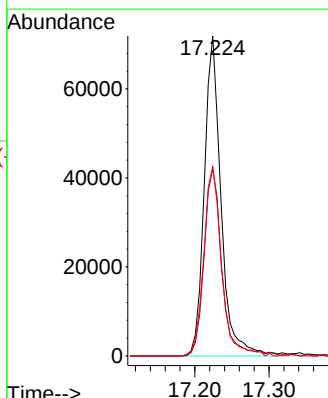
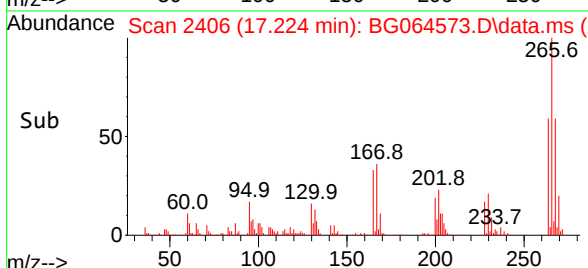
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

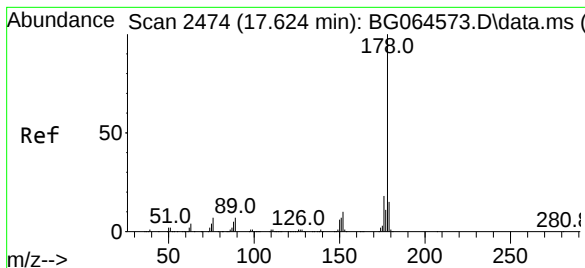


#70
 Pentachlorophenol
 Concen: 42.694 ng
 RT: 17.224 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03



Tgt Ion:266 Resp: 112769
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.3 75.5
 264 59.1 47.3 70.9





#71

Phenanthrene

Concen: 42.500 ng

RT: 17.624 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

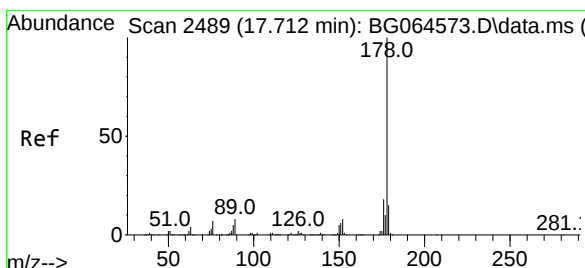
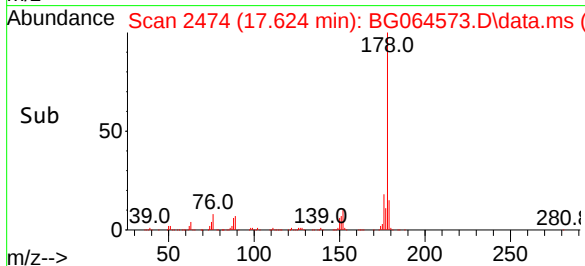
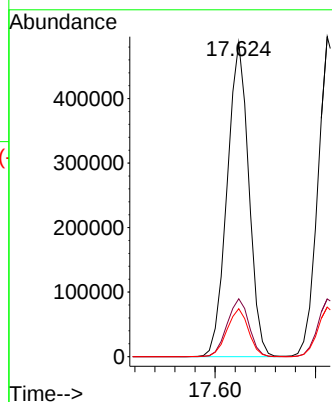
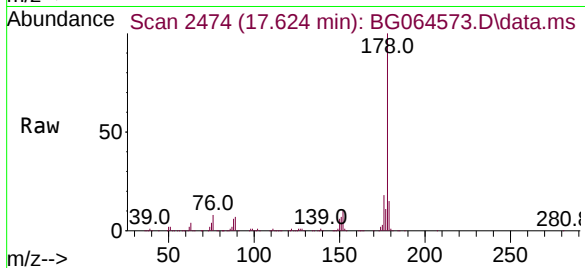
SSTDICCC040

Tgt Ion:178 Resp: 728184
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.3 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#72

Anthracene

Concen: 42.663 ng

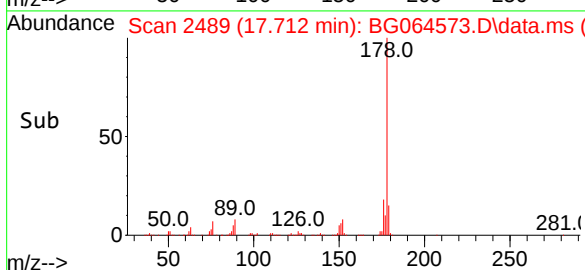
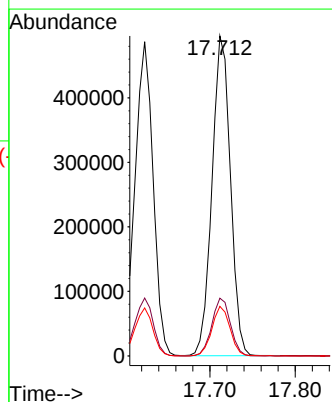
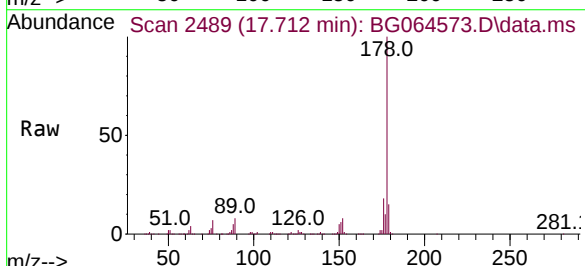
RT: 17.712 min Scan# 2489

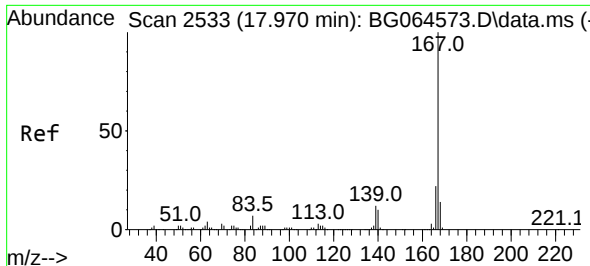
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

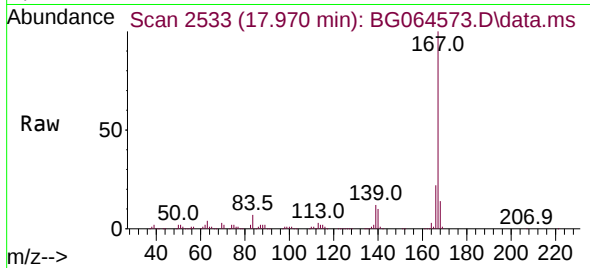
Tgt Ion:178 Resp: 743567
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.4 21.6
 179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 42.053 ng
 RT: 17.970 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

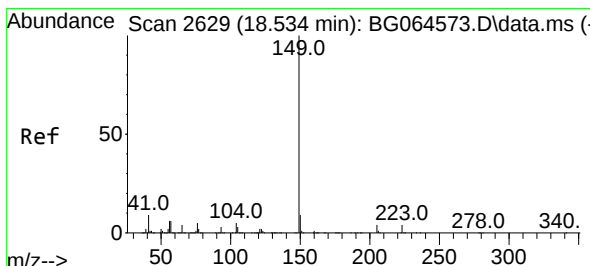
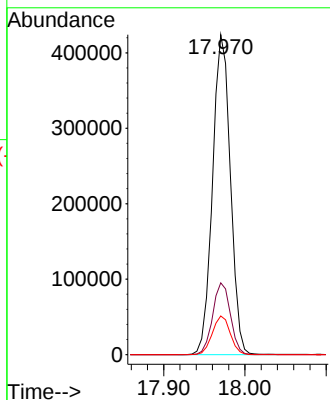
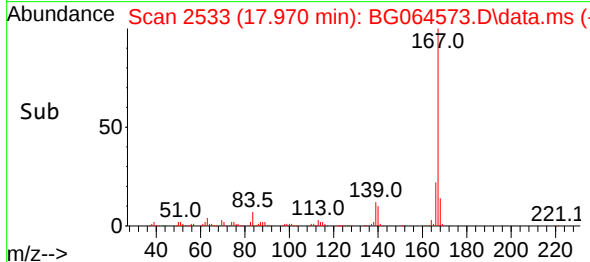
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040



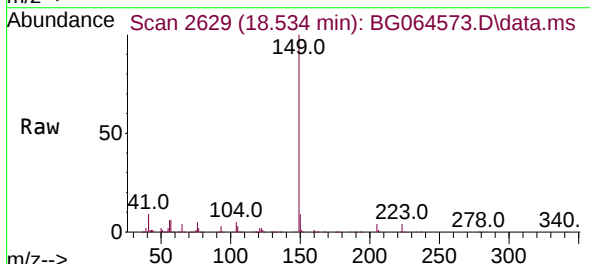
Tgt Ion:167 Resp: 646319
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 12.1 9.7 14.5

Manual Integrations
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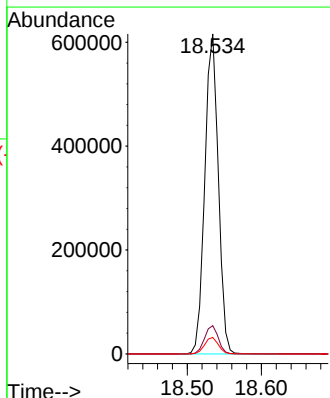
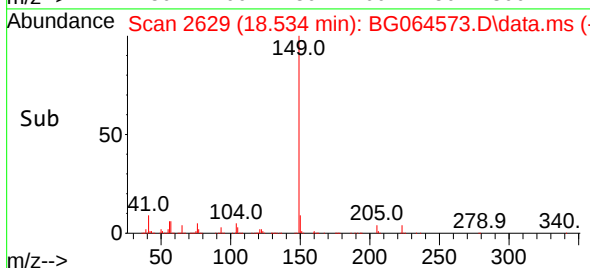
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

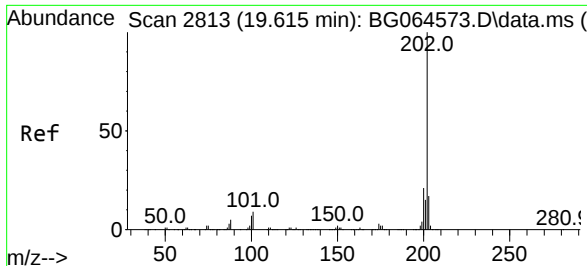


#74
 Di-n-butylphthalate
 Concen: 43.711 ng
 RT: 18.534 min Scan# 2629
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03



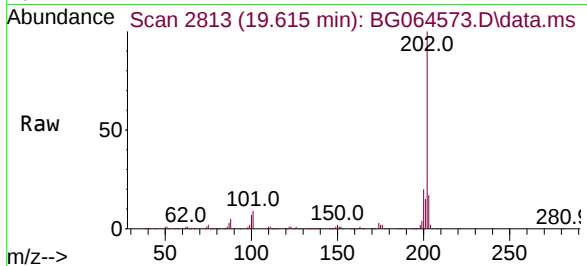
Tgt Ion:149 Resp: 776847
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

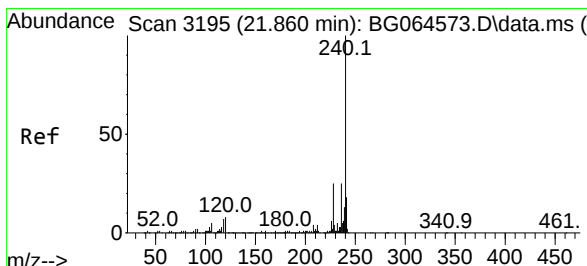
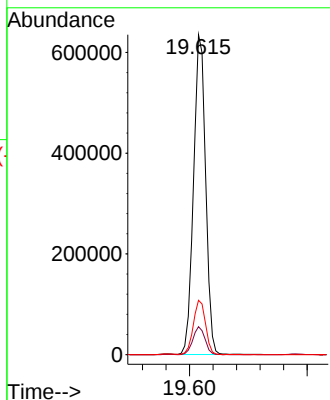
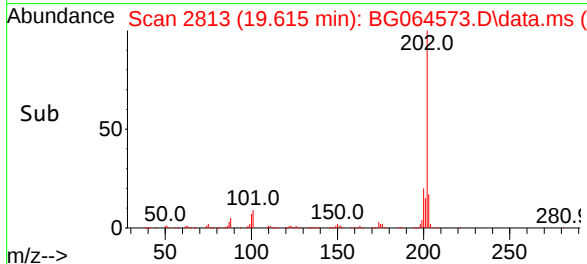
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 90255
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 37.0

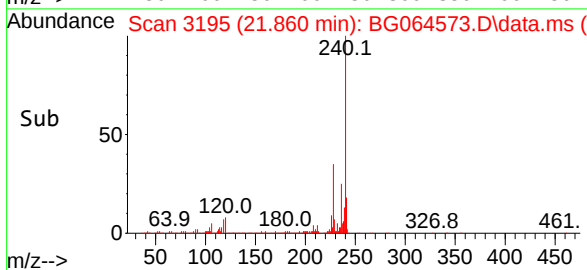
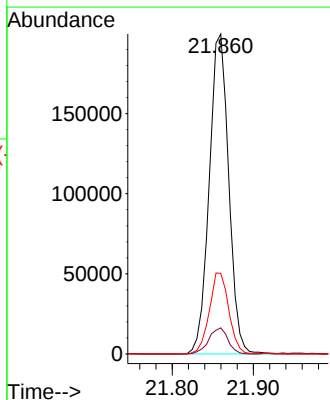
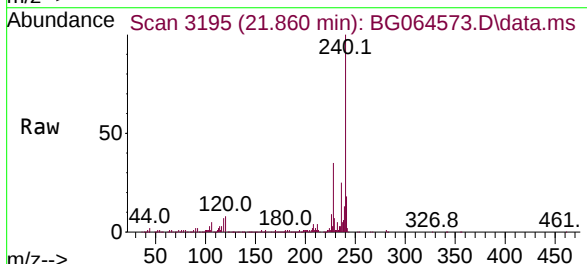
Manual Integrations
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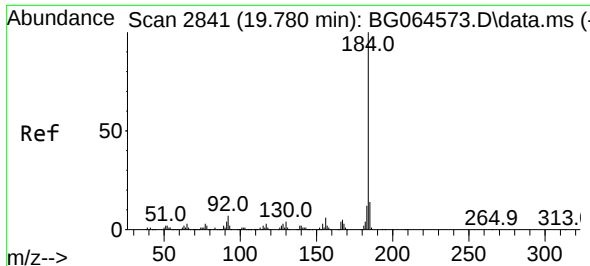
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

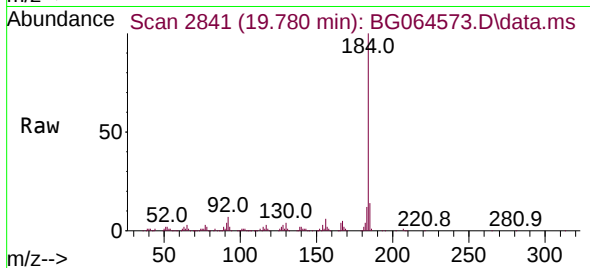
Tgt Ion:240 Resp: 332834
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.2 20.2 30.2





#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

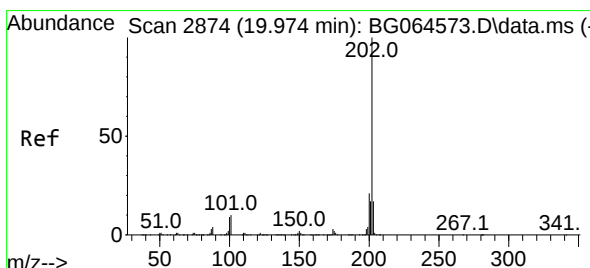
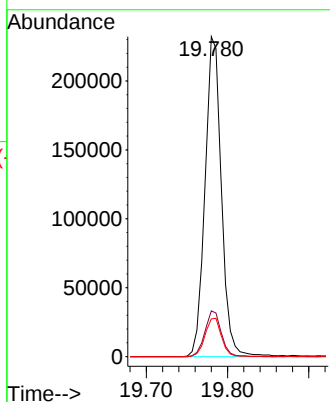
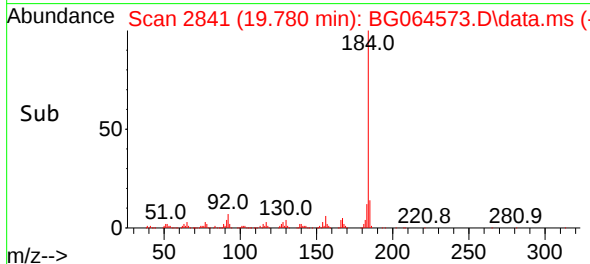
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



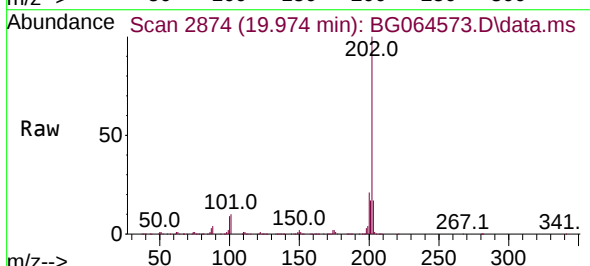
Tgt Ion:184 Resp: 325845
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.2

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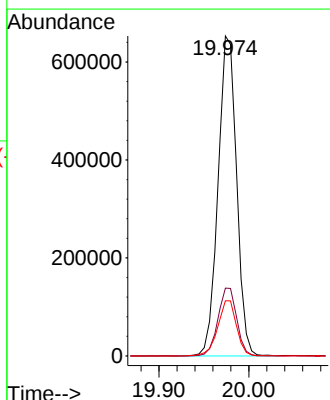
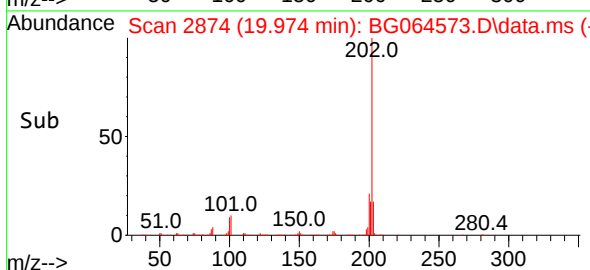
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

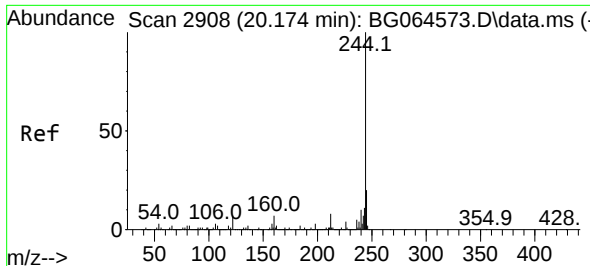


#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



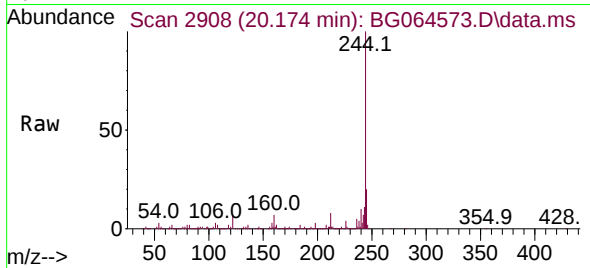
Tgt Ion:202 Resp: 939110
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 86.242 ng
 RT: 20.174 min Scan# 2908
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

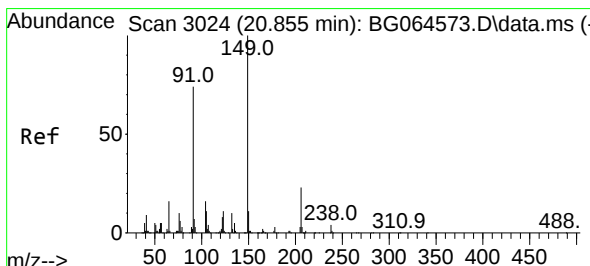
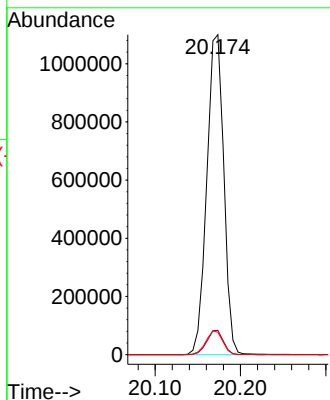
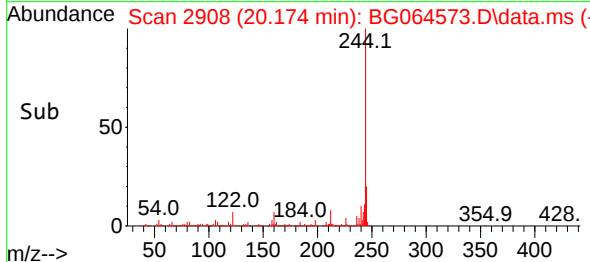
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040



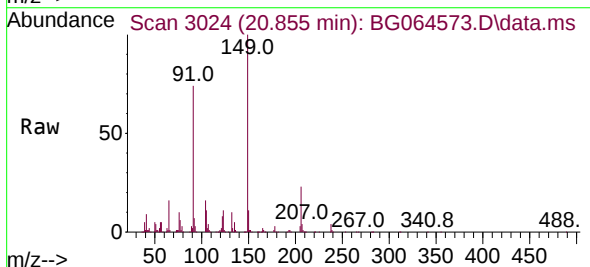
Tgt Ion:244 Resp: 1521028
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.0 5.6 8.4

Manual Integrations
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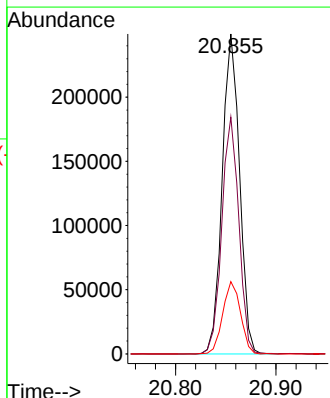
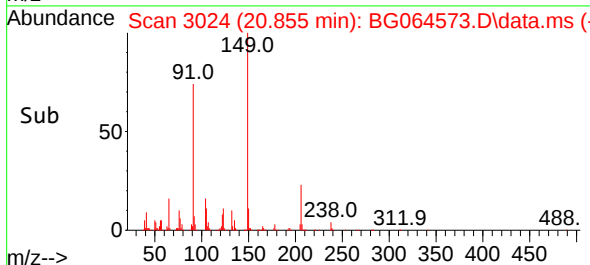
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

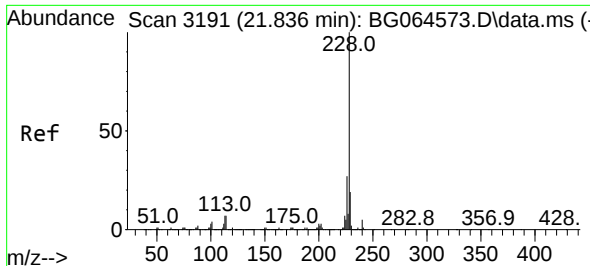


#80
 Butylbenzylphthalate
 Concen: 45.601 ng
 RT: 20.855 min Scan# 3024
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03



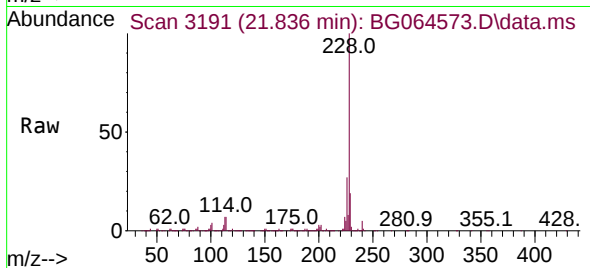
Tgt Ion:149 Resp: 299706
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.2 88.8
 206 22.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

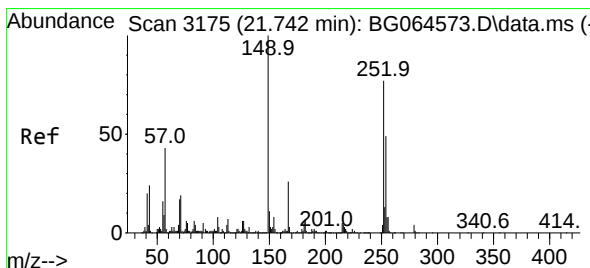
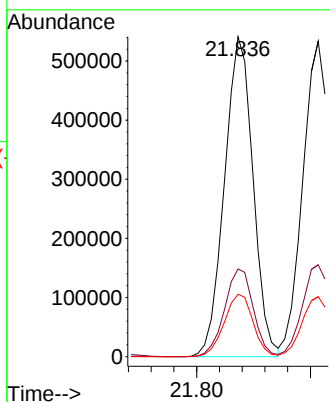
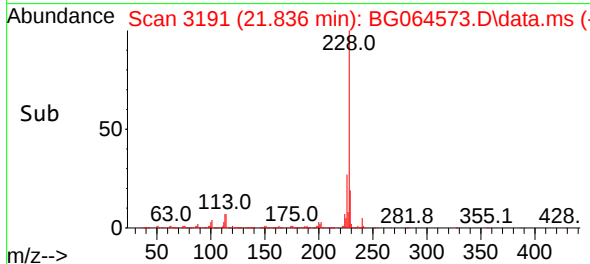
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 942839
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

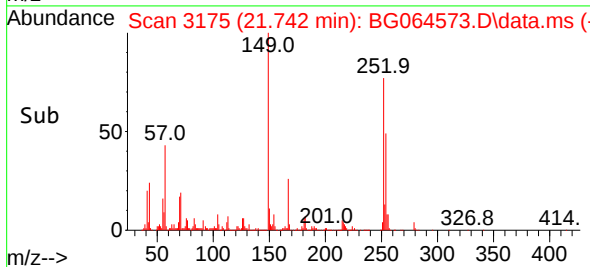
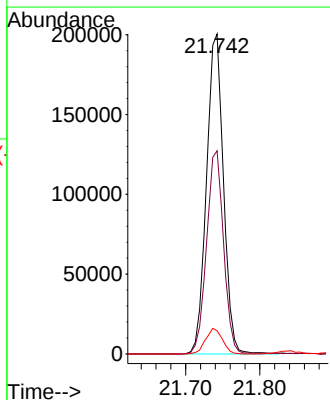
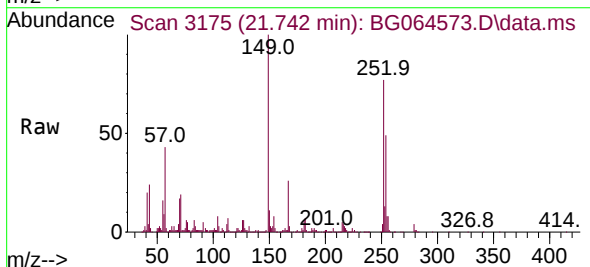
Manual Integrations
APPROVED

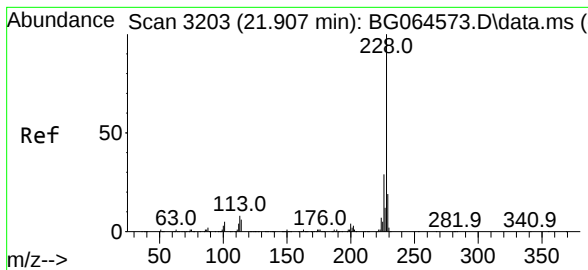
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

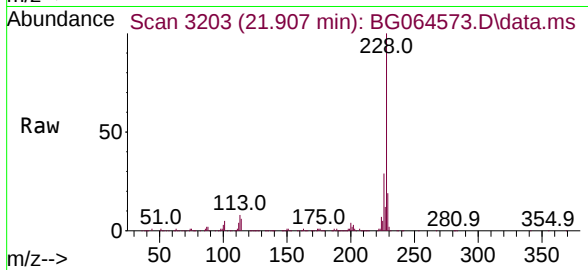
Tgt Ion:252 Resp: 317851
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 7.2 5.8 8.6





#83
Chrysene
Concen: 42.613 ng
RT: 21.907 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

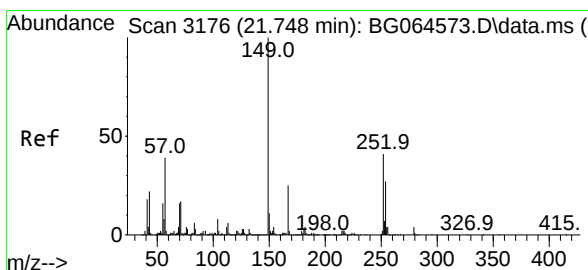
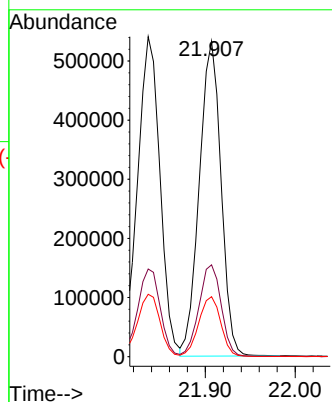
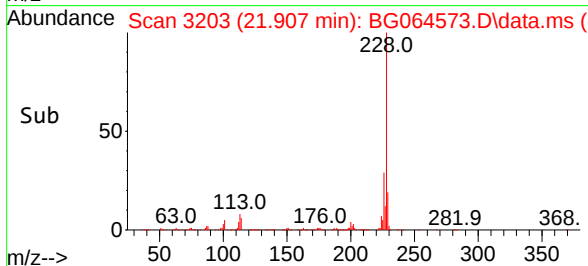
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 894813
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 19.0 15.2 22.8

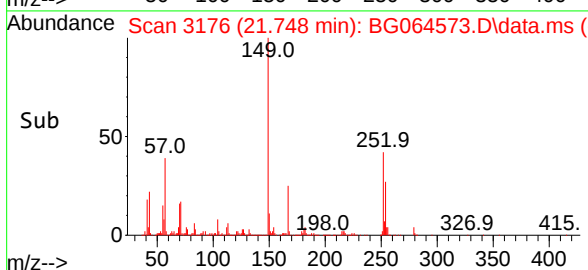
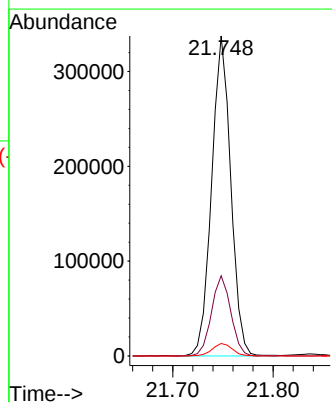
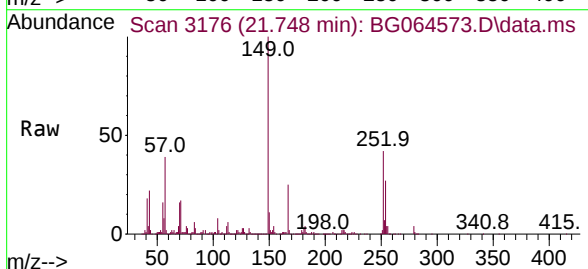
Manual Integrations
APPROVED

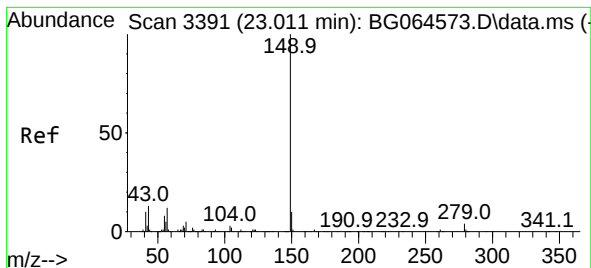
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.748 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

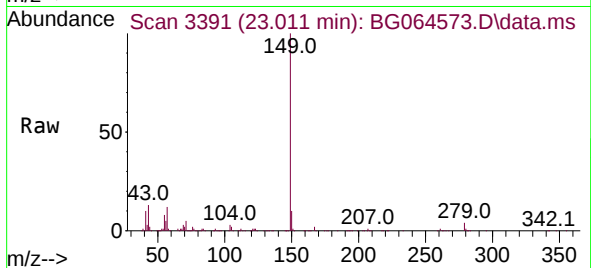
Tgt Ion:149 Resp: 446785
Ion Ratio Lower Upper
149 100
167 25.0 20.0 30.0
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

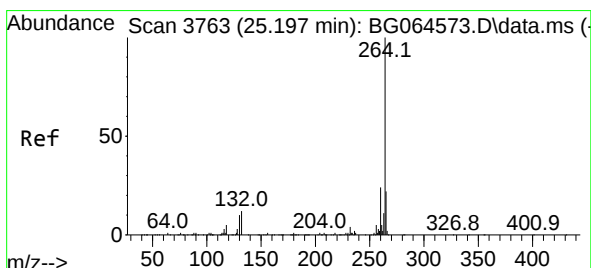
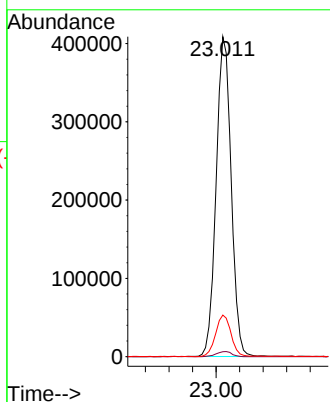
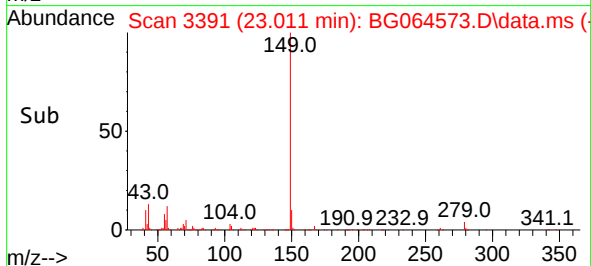
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



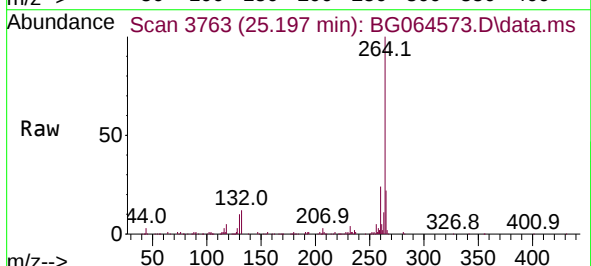
Tgt Ion:149 Resp: 723360
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

Manual Integrations
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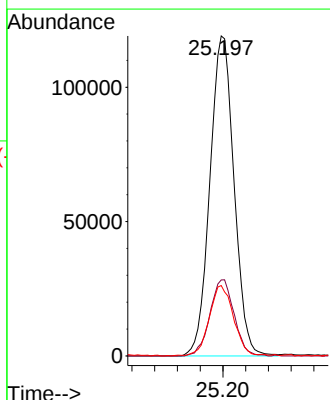
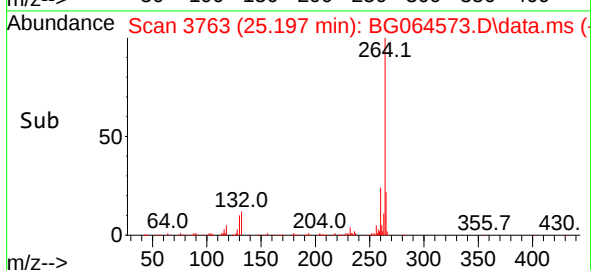
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

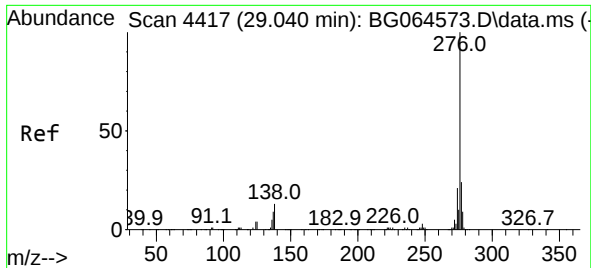


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



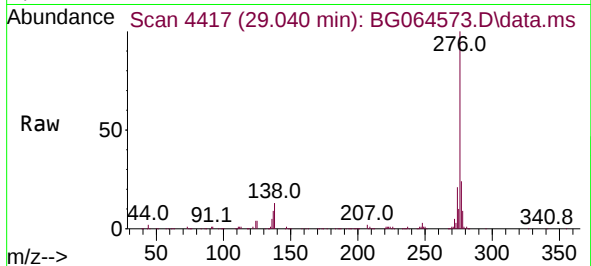
Tgt Ion:264 Resp: 350897
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.0 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.624 ng
 RT: 29.040 min Scan# 4417
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

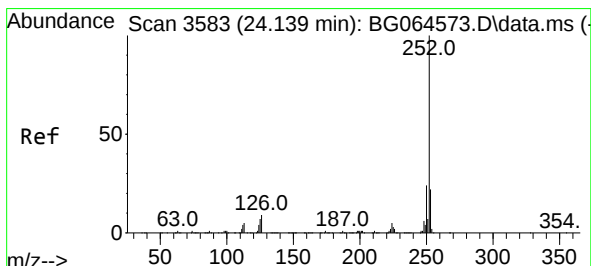
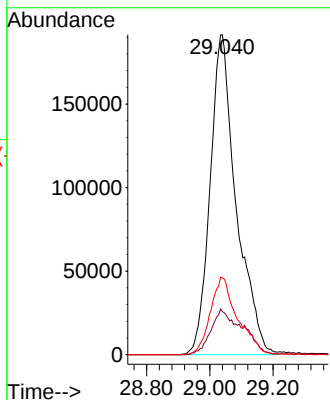
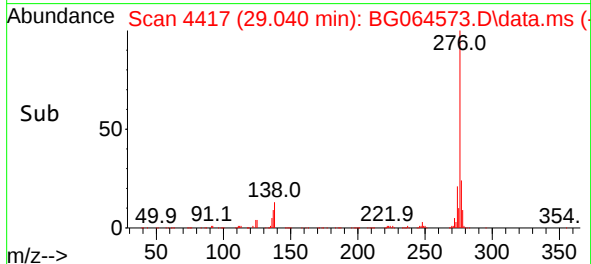
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040



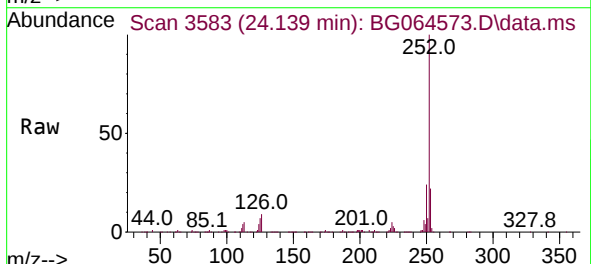
Tgt Ion:276 Resp: 1100259
 Ion Ratio Lower Upper
 276 100
 138 13.5 10.8 16.2
 277 25.1 20.1 30.1

Manual Integrations
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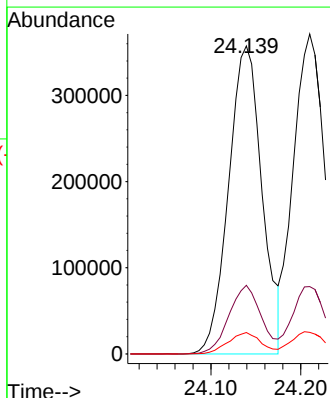
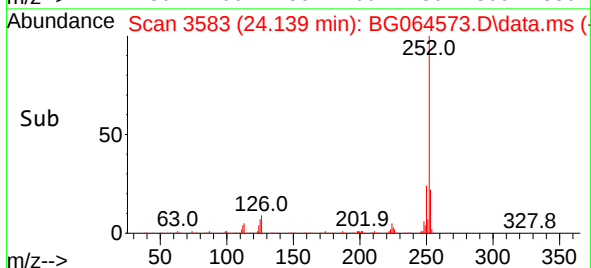
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

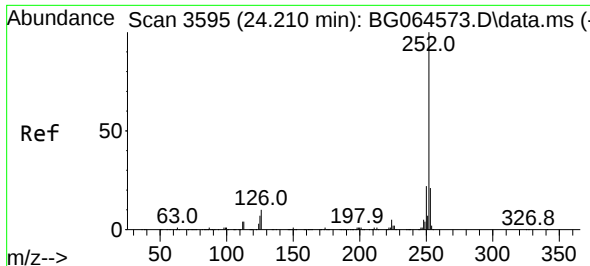


#88
 Benzo(b)fluoranthene
 Concen: 43.108 ng
 RT: 24.139 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03



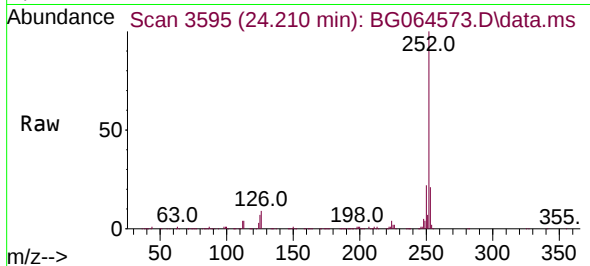
Tgt Ion:252 Resp: 927550
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 7.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 41.878 ng
RT: 24.210 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

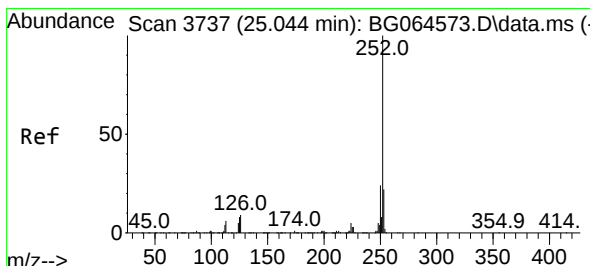
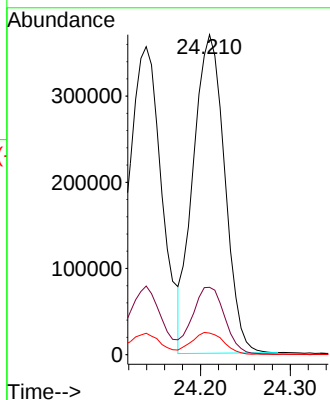
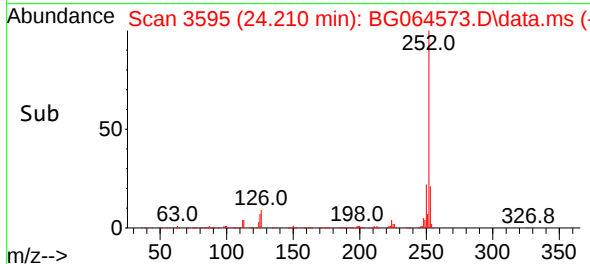
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



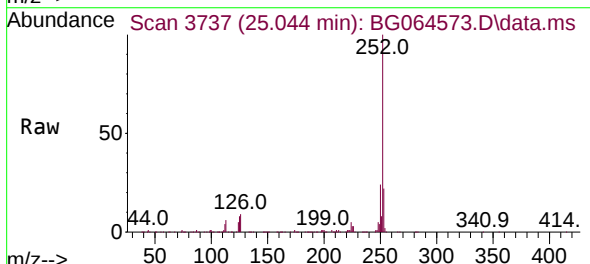
Tgt Ion:252 Resp: 901700
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 6.7 5.4 8.0

Manual Integrations
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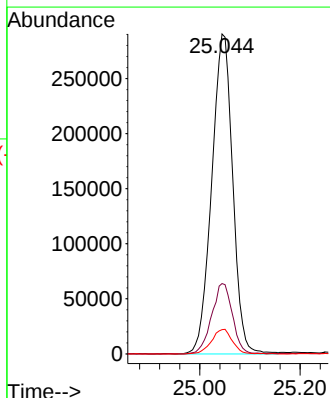
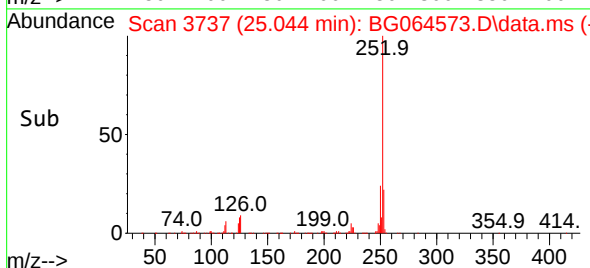
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

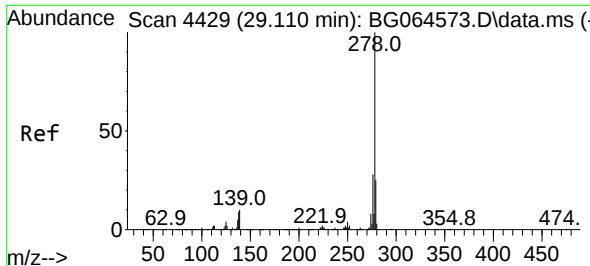


#90
Benzo(a)pyrene
Concen: 42.635 ng
RT: 25.044 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



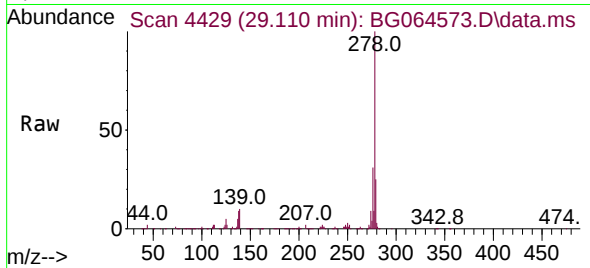
Tgt Ion:252 Resp: 843258
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.6 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 4429
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

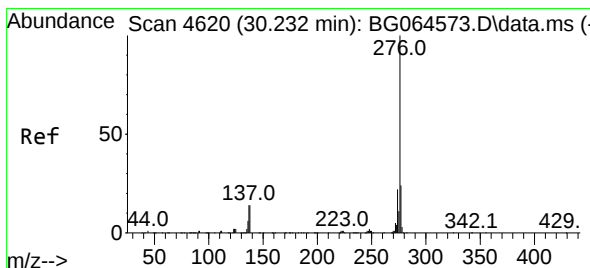
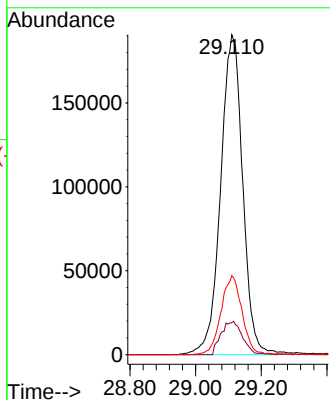
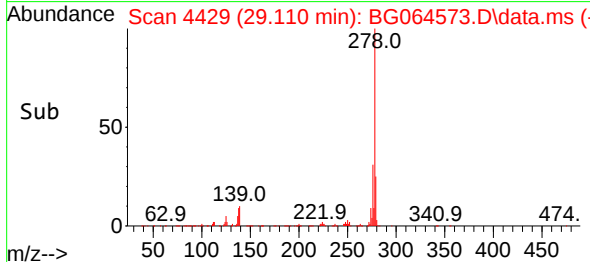
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 889808
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 24.7 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 30.232 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 276 Resp: 851248
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 14.1 11.3 16.9

