

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064214.D
 Acq On : 27 Aug 2025 16:58
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 27 17:51:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 27 17:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	26123	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	127251	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	94510	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	215987	20.000	ng	0.00
76) Chrysene-d12	21.460	240	223852	20.000	ng	0.00
86) Perylene-d12	24.462	264	240963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	231748	169.949	ng	0.00
7) Phenol-d6	7.030	99	334193	165.739	ng	0.00
23) Nitrobenzene-d5	9.016	82	364451	161.691	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	193568	157.158	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	918873	153.799	ng	0.00
79) Terphenyl-d14	19.844	244	1602610	151.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	48834	77.729	ng	95
3) Pyridine	3.751	79	148692	84.018	ng	99
4) n-Nitrosodimethylamine	3.663	42	101853	85.639	ng	96
6) Aniline	7.188	93	224149	81.901	ng	99
8) 2-Chlorophenol	7.423	128	143948	82.196	ng	93
10) Phenol	7.059	94	185813	83.606	ng	97
11) bis(2-Chloroethyl)ether	7.282	93	131164	81.669	ng	98
12) 1,3-Dichlorobenzene	7.752	146	145985	79.004	ng	95
13) 1,4-Dichlorobenzene	7.893	146	154655	81.256	ng	99
14) 1,2-Dichlorobenzene	8.211	146	147367	80.093	ng	97
15) Benzyl Alcohol	8.099	79	153855	83.489	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	291924	78.895	ng	98
17) 2-Methylphenol	8.299	107	133524	83.344	ng	97
18) Hexachloroethane	8.939	117	59176	81.074	ng	90
19) n-Nitroso-di-n-propyla...	8.669	70	127323	83.460	ng	99
20) 3+4-Methylphenols	8.628	107	183381	81.060	ng	94
22) Acetophenone	8.681	105	248402	78.013	ng	# 99
24) Nitrobenzene	9.057	77	194380	82.979	ng	97
25) Isophorone	9.585	82	371824	78.374	ng	99
26) 2-Nitrophenol	9.762	139	86832	85.966	ng	96
27) 2,4-Dimethylphenol	9.826	122	145213	79.471	ng	95
28) bis(2-Chloroethoxy)met...	10.061	93	199612	78.143	ng	98
29) 2,4-Dichlorophenol	10.296	162	154993	82.315	ng	96
30) 1,2,4-Trichlorobenzene	10.514	180	157774	78.680	ng	98
31) Naphthalene	10.696	128	510788	78.617	ng	98
32) Benzoic acid	9.997	122	132009m	85.282	ng	
33) 4-Chloroaniline	10.802	127	212012	83.530	ng	99
34) Hexachlorobutadiene	10.990	225	116329	79.248	ng	96
35) Caprolactam	11.601	113	60751	80.578	ng	94
36) 4-Chloro-3-methylphenol	11.936	107	199760	81.464	ng	95
37) 2-Methylnaphthalene	12.306	142	386349	80.392	ng	98
38) 1-Methylnaphthalene	12.529	142	377746	79.235	ng	100
40) 1,2,4,5-Tetrachloroben...	12.676	216	207915	79.650	ng	98
41) Hexachlorocyclopentadiene	12.658	237	106710	87.476	ng	96
43) 2,4,6-Trichlorophenol	12.917	196	145593	81.241	ng	94
44) 2,4,5-Trichlorophenol	12.987	196	159143	80.152	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.322	154	520587	77.687	ng	99
47) 2-Chloronaphthalene	13.363	162	393397	78.658	ng	97
48) 2-Nitroaniline	13.563	65	151816	87.570	ng	98
49) Acenaphthylene	14.204	152	593449	79.931	ng	98
50) Dimethylphthalate	13.945	163	548592	77.364	ng	99
51) 2,6-Dinitrotoluene	14.063	165	116281	86.860	ng	98
52) Acenaphthene	14.550	154	407380	78.153	ng	99
53) 3-Nitroaniline	14.392	138	117379	84.999	ng	99
54) 2,4-Dinitrophenol	14.591	184	71420	78.677	ng	# 83
55) Dibenzofuran	14.885	168	636847	76.999	ng	98
56) 4-Nitrophenol	14.697	139	100353	83.929	ng	91
57) 2,4-Dinitrotoluene	14.844	165	172622	84.035	ng	95
58) Fluorene	15.531	166	521776	77.208	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.108	232	156563	83.346	ng	# 98
60) Diethylphthalate	15.314	149	581079	76.341	ng	98
61) 4-Chlorophenyl-phenyle...	15.526	204	263287	75.493	ng	93
62) 4-Nitroaniline	15.555	138	129637	86.826	ng	99
63) Azobenzene	15.819	77	526355	78.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.614	198	110120	89.467	ng	93
66) n-Nitrosodiphenylamine	15.743	169	457504	78.284	ng	97
67) 4-Bromophenyl-phenylether	16.419	248	181051	79.751	ng	99
68) Hexachlorobenzene	16.536	284	194839	79.859	ng	98
69) Atrazine	16.695	200	193711	78.341	ng	95
70) Pentachlorophenol	16.877	266	133678	86.333	ng	98
71) Phenanthrene	17.271	178	867708	77.781	ng	99
72) Anthracene	17.359	178	883982	78.232	ng	99
73) Carbazole	17.629	167	786657	77.962	ng	99
74) Di-n-butylphthalate	18.193	149	970264	79.052	ng	98
75) Fluoranthene	19.280	202	1036525	77.740	ng	98
77) Benzidine	19.456	184	336592	72.629	ng	99
78) Pyrene	19.638	202	1079767	77.400	ng	98
80) Butylbenzylphthalate	20.537	149	433341	82.802	ng	98
81) Benzo(a)anthracene	21.436	228	1121925	78.429	ng	99
82) 3,3'-Dichlorobenzidine	21.360	252	371997	80.573	ng	97
83) Chrysene	21.501	228	1071405	77.872	ng	100
84) Bis(2-ethylhexyl)phtha...	21.366	149	631448	80.295	ng	# 99
85) Di-n-octyl phthalate	22.506	149	1117463	80.465	ng	99
87) Indeno(1,2,3-cd)pyrene	27.876	276	1323274	81.112	ng	# 97
88) Benzo(b)fluoranthene	23.522	252	1098292	81.131	ng	99
89) Benzo(k)fluoranthene	23.587	252	1126435	81.012	ng	99
90) Benzo(a)pyrene	24.333	252	1027050	81.417	ng	98
91) Dibenzo(a,h)anthracene	27.935	278	1069393	81.241	ng	100
92) Benzo(g,h,i)perylene	28.939	276	1027613	80.762	ng	99

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

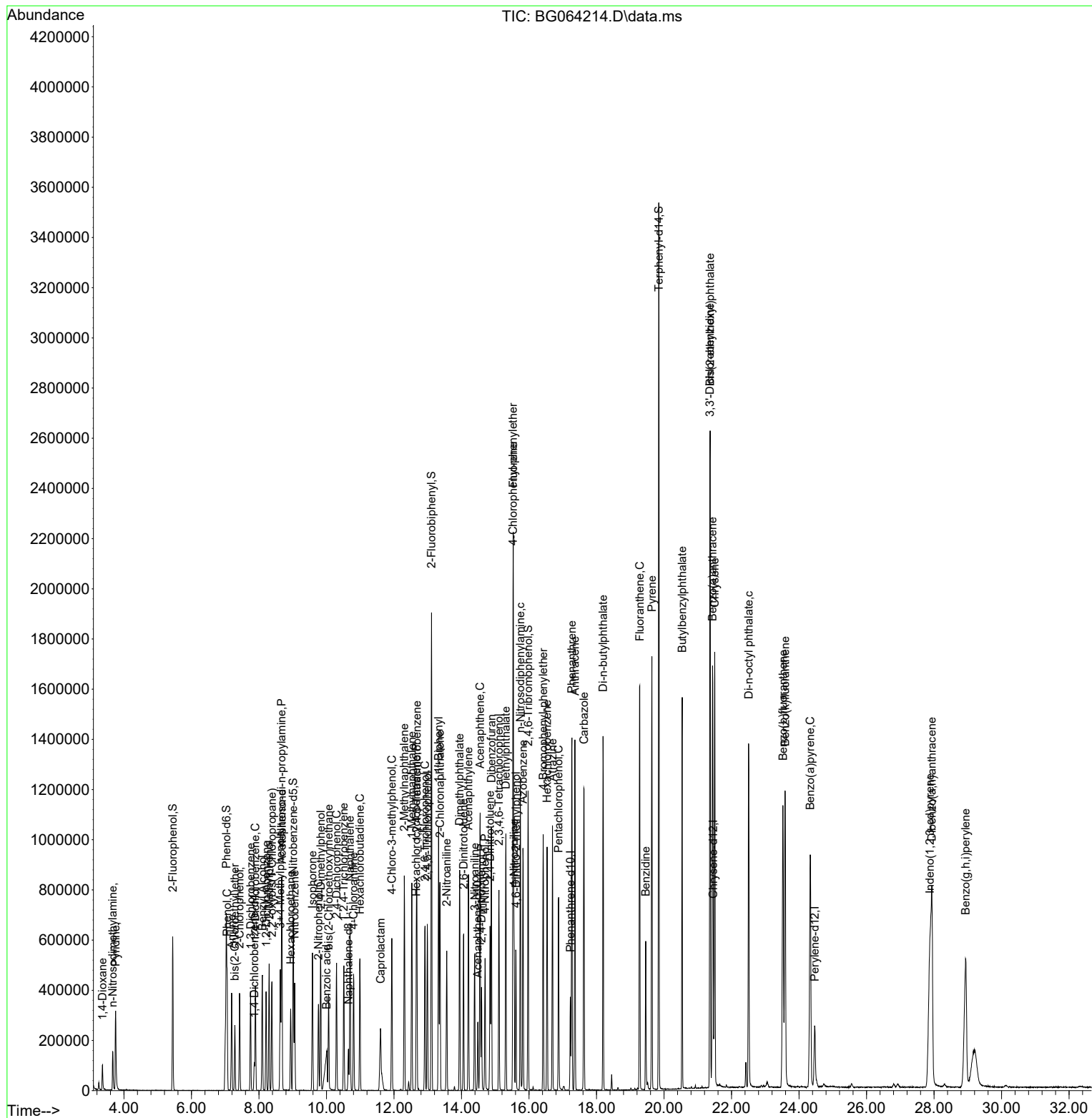
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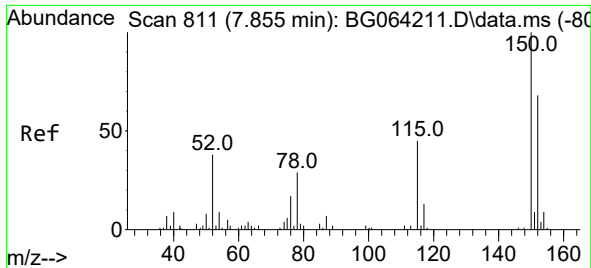
Instrument :
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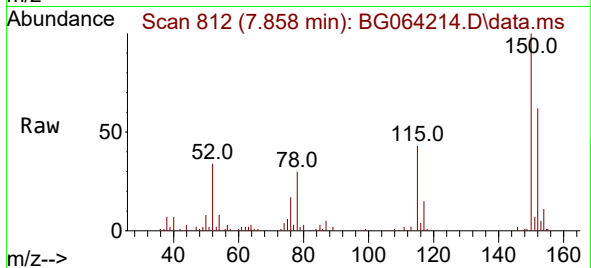
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

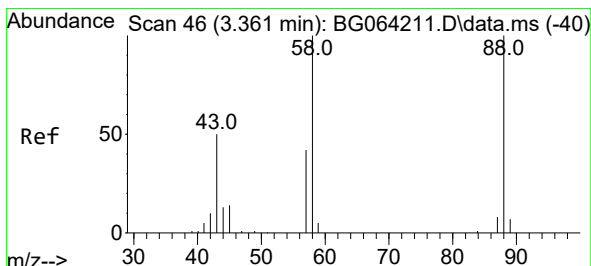
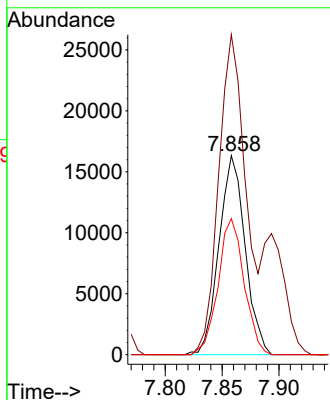
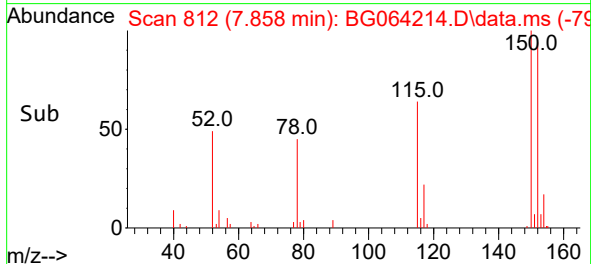
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



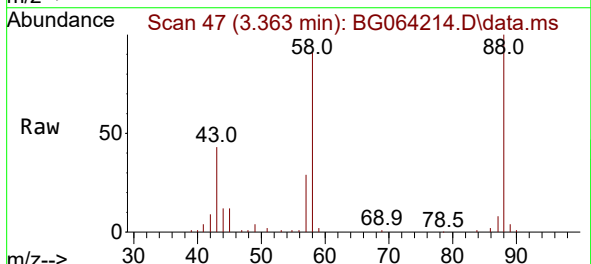
Tgt Ion:152 Resp: 2612
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 68.3 53.1 79.7

Manual Integrations
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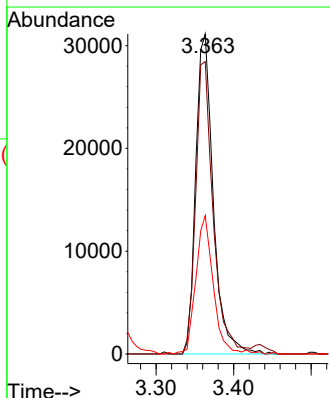
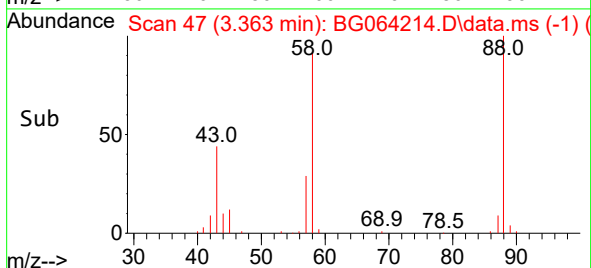
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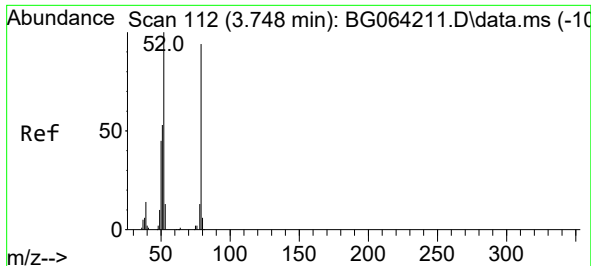


#2
1,4-Dioxane
Concen: 77.729 ng
RT: 3.363 min Scan# 47
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



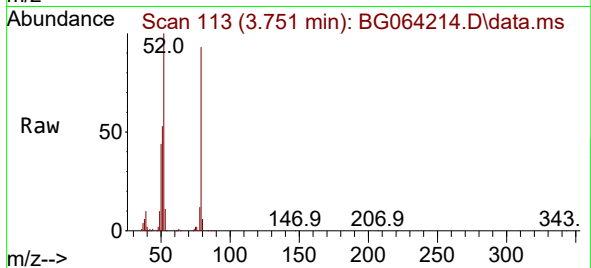
Tgt Ion: 88 Resp: 48834
Ion Ratio Lower Upper
88 100
58 91.2 76.8 115.2
43 43.2 38.0 57.0





#3
Pyridine
Concen: 84.018 ng
RT: 3.751 min Scan# 112
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

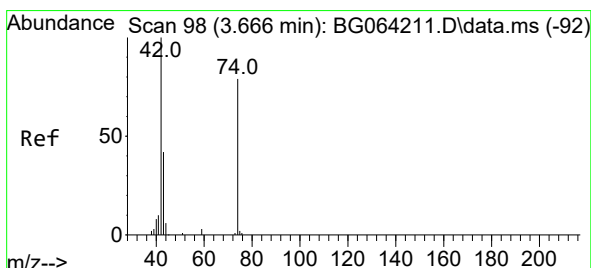
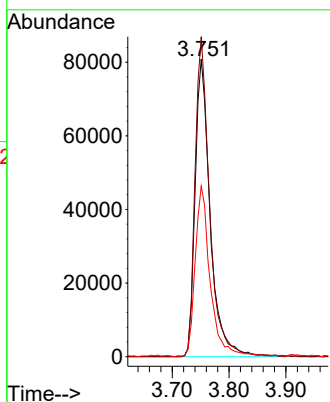
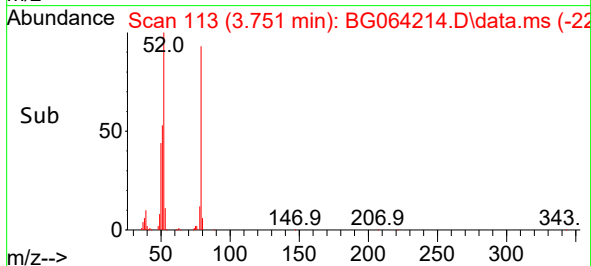
Instrument :
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SSTDICC080



Tgt Ion: 79 Resp: 148692
Ion Ratio Lower Upper
79 100
52 107.5 85.5 128.3
51 57.3 45.7 68.5

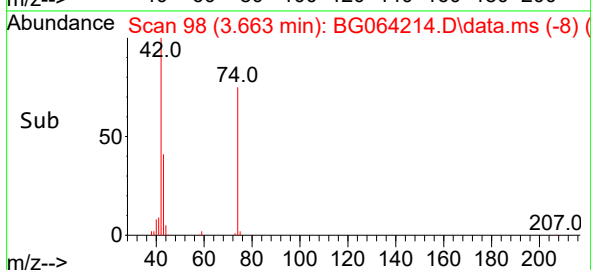
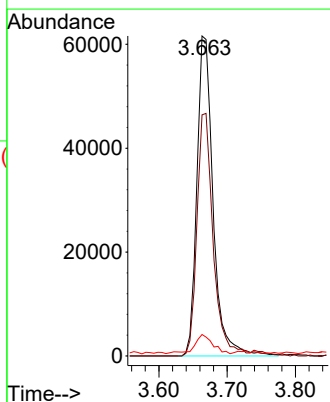
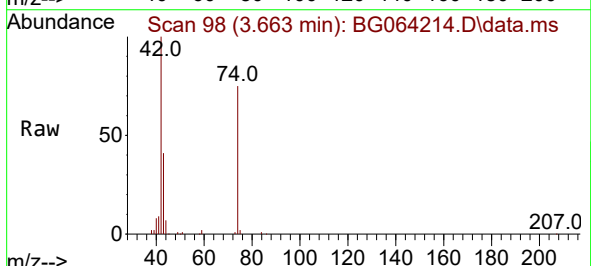
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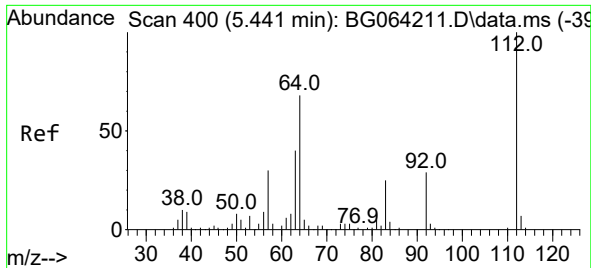
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#4
n-Nitrosodimethylamine
Concen: 85.639 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion: 42 Resp: 101853
Ion Ratio Lower Upper
42 100
74 75.4 62.9 94.3
44 6.7 6.5 9.7





#5
2-Fluorophenol
Concen: 169.949 ng
RT: 5.443 min Scan# 400
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

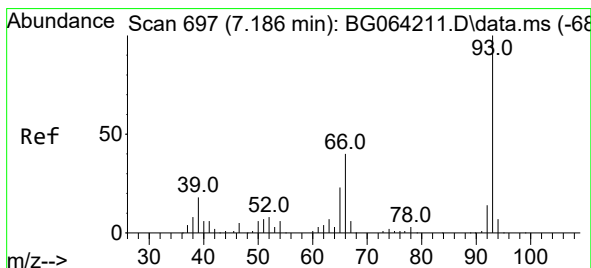
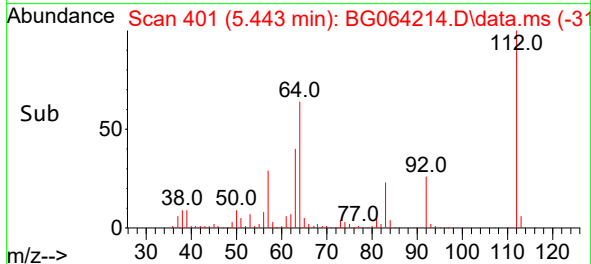
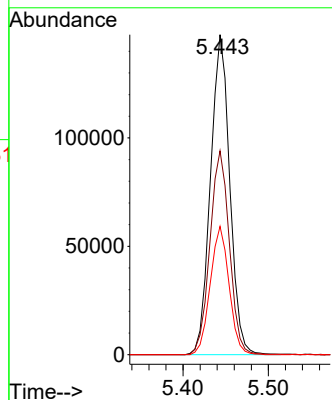
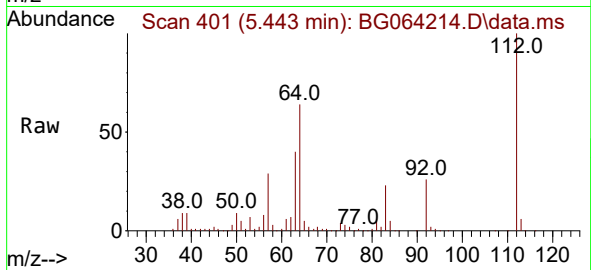
SSTDICC080

Tgt Ion:112 Resp: 231748
Ion Ratio Lower Upper
112 100
64 63.7 54.1 81.1
63 40.1 32.4 48.6

Manual Integrations

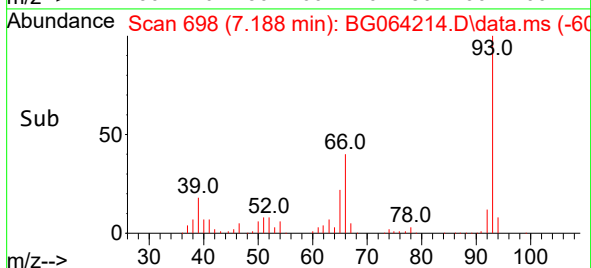
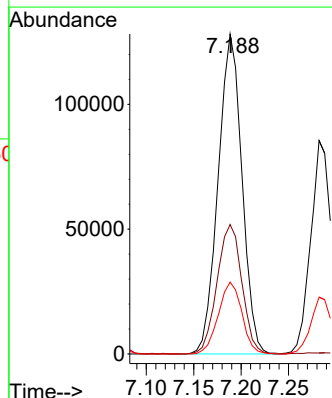
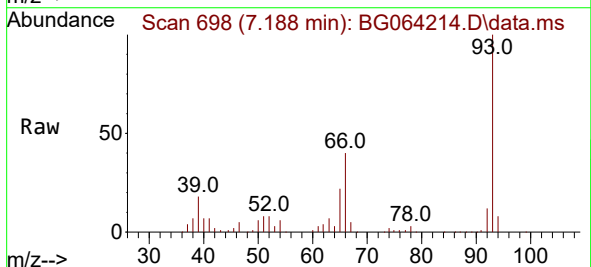
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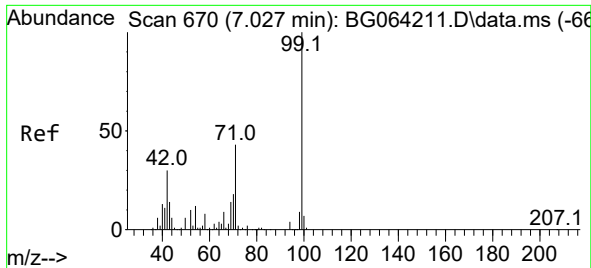
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#6
Aniline
Concen: 81.901 ng
RT: 7.188 min Scan# 698
Delta R.T. 0.003 min
Lab File: BG064214.D
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Tgt Ion: 93 Resp: 224149
Ion Ratio Lower Upper
93 100
66 40.5 31.8 47.8
65 22.5 18.0 27.0





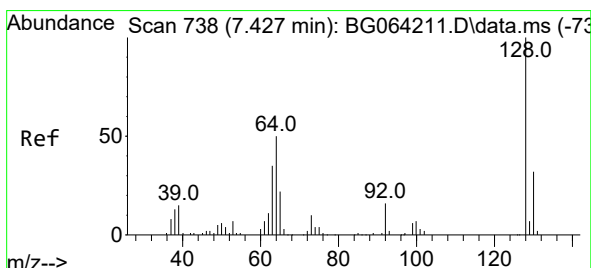
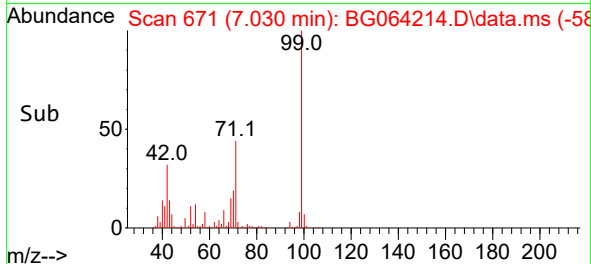
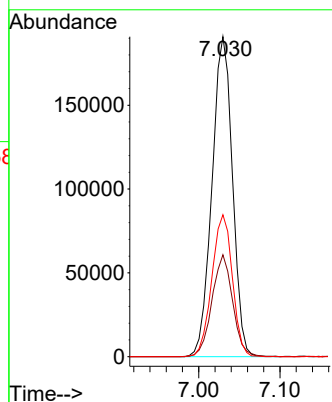
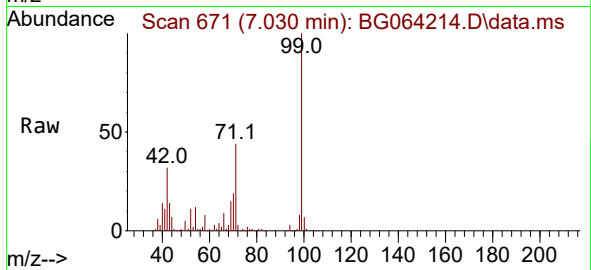
#7
Phenol-d6
Concen: 165.739 ng
RT: 7.030 min Scan# 670
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

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Tgt Ion: 99 Resp: 33419
Ion Ratio Lower Upper
99 100
42 31.9 24.2 36.2
71 44.4 34.6 52.0

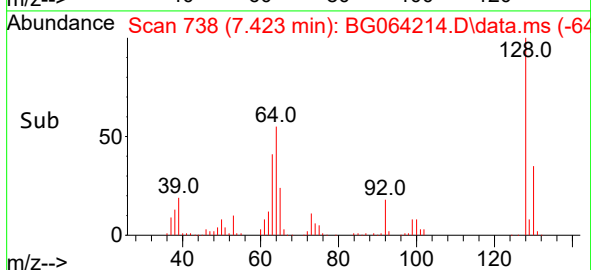
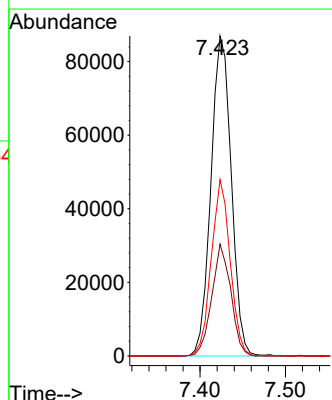
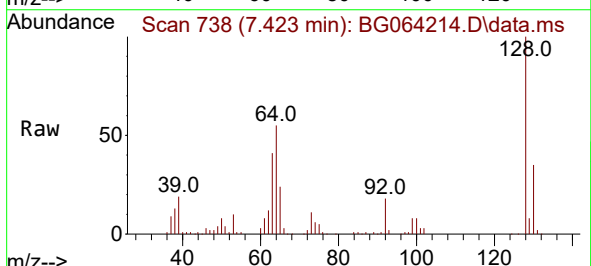
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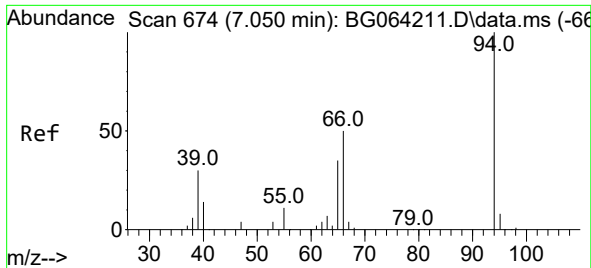
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#8
2-Chlorophenol
Concen: 82.196 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:128 Resp: 143948
Ion Ratio Lower Upper
128 100
130 35.0 11.8 51.8
64 55.1 30.2 70.2





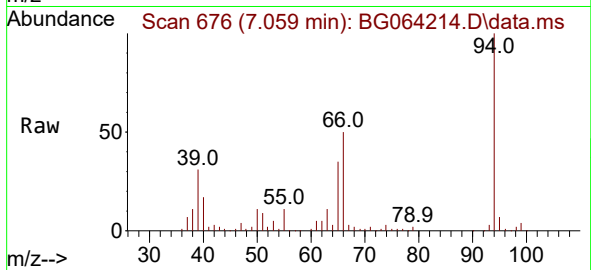
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Phenol
Concen: 83.606 ng
RT: 7.059 min Scan# 674
Delta R.T. 0.009 min
Lab File: BG064214.D
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Instrument :

BNA_G

ClientSampleId :

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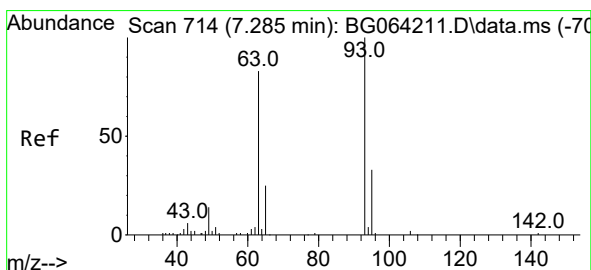
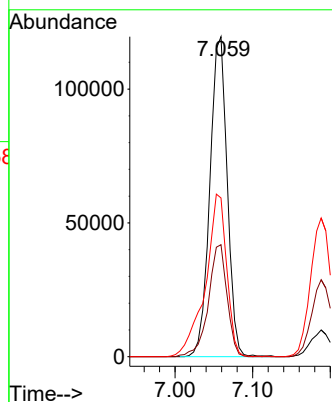
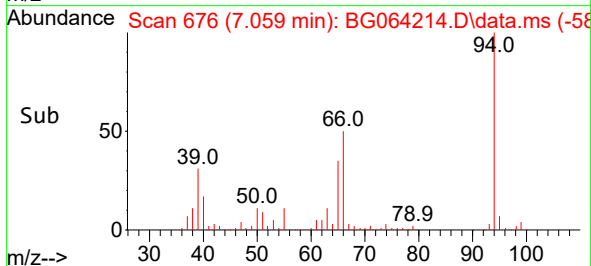
Tgt Ion: 94 Resp: 18581
Ion Ratio Lower Upper
94 100
65 35.0 15.2 55.2
66 49.6 32.4 72.4

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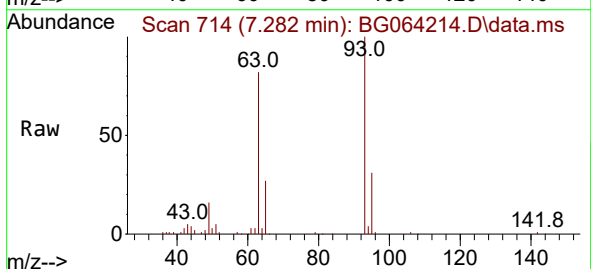
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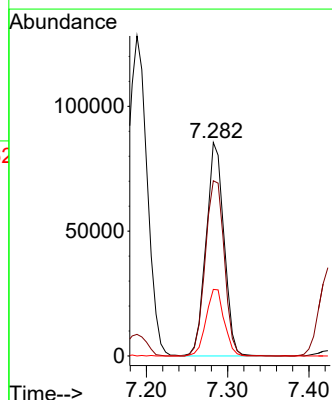
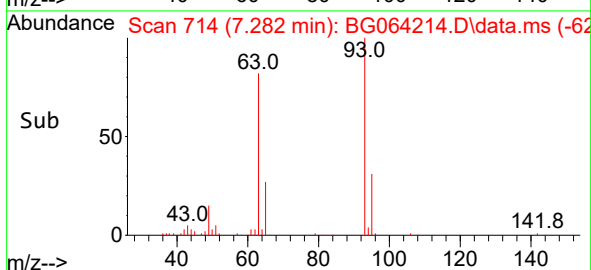
Supervised By :Jagrut Upadhyay 08/28/2025

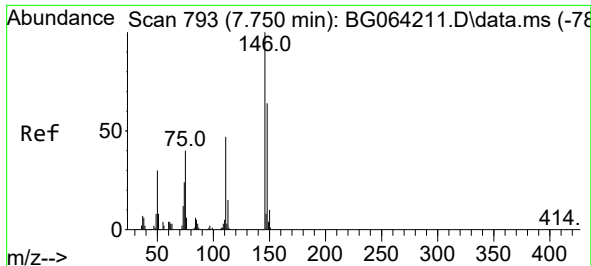


#11
bis(2-Chloroethyl)ether
Concen: 81.669 ng
RT: 7.282 min Scan# 714
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion: 93 Resp: 131164
Ion Ratio Lower Upper
93 100
63 82.1 63.2 103.2
95 31.2 12.6 52.6





#12

1,3-Dichlorobenzene

Concen: 79.004 ng

RT: 7.752 min Scan# 793

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

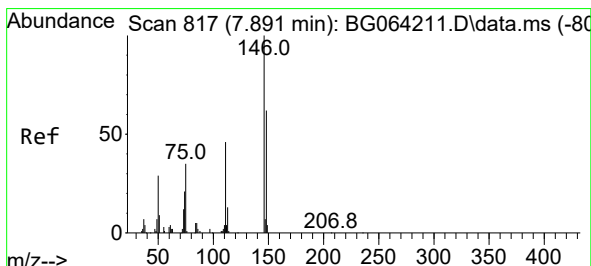
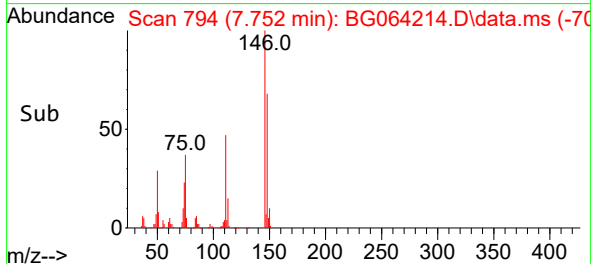
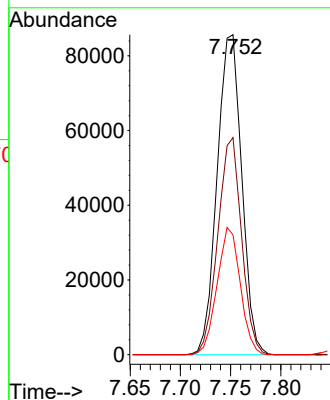
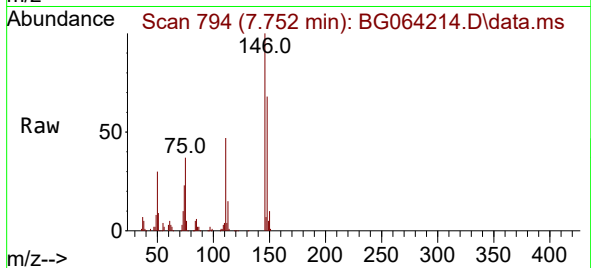
Tgt Ion:146 Resp: 145985
 Ion Ratio Lower Upper
 146 100
 148 67.9 51.0 76.6
 75 37.4 32.2 48.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#13

1,4-Dichlorobenzene

Concen: 81.256 ng

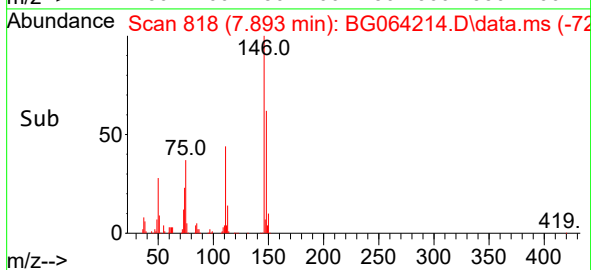
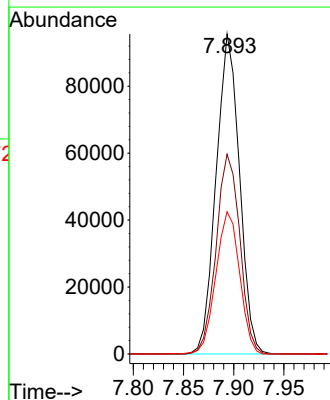
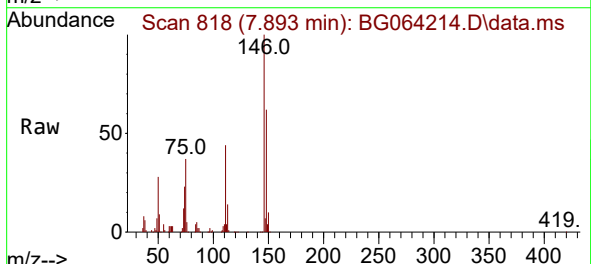
RT: 7.893 min Scan# 818

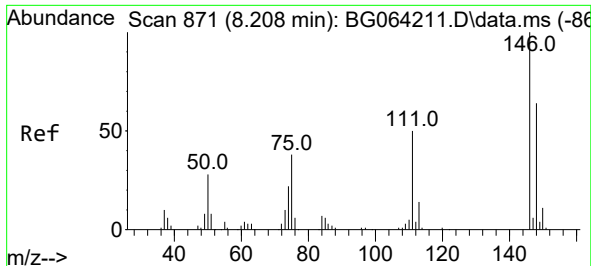
Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:146 Resp: 154655
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.5 74.3
 111 44.4 36.4 54.6





#14

1,2-Dichlorobenzene

Concen: 80.093 ng

RT: 8.211 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 14736

Ion Ratio Lower Upper

146 100

148 62.4 50.9 76.3

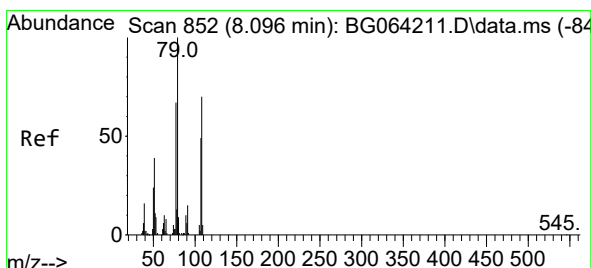
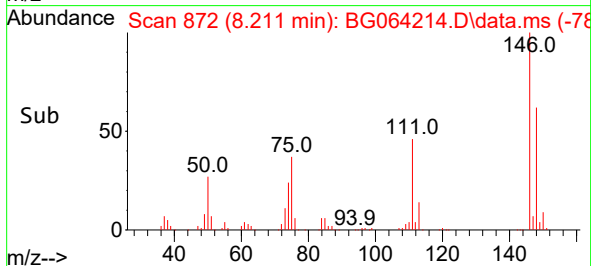
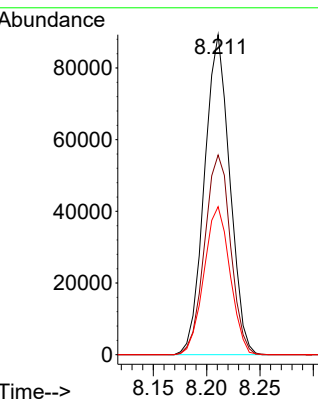
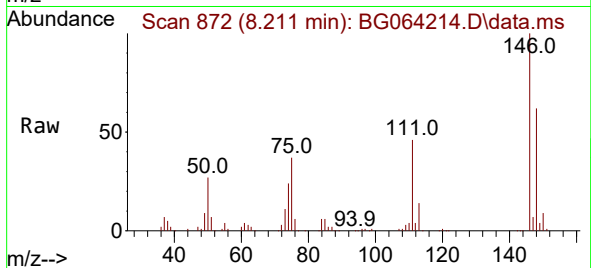
111 46.2 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#15

Benzyl Alcohol

Concen: 83.489 ng

RT: 8.099 min Scan# 853

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

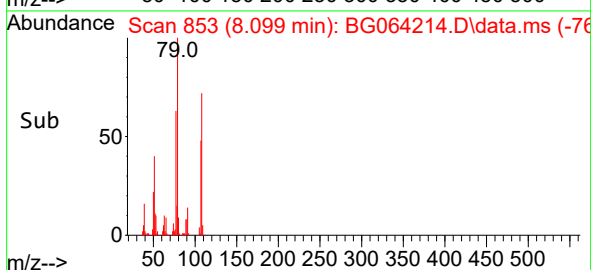
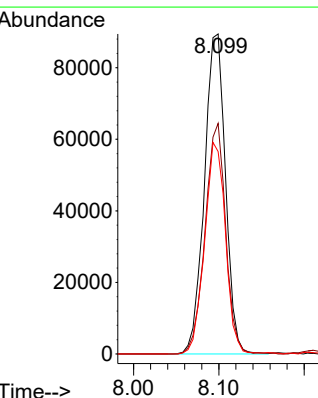
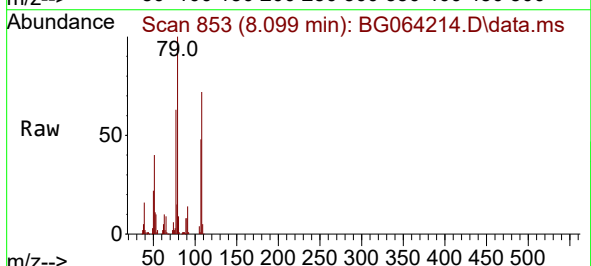
Tgt Ion: 79 Resp: 153855

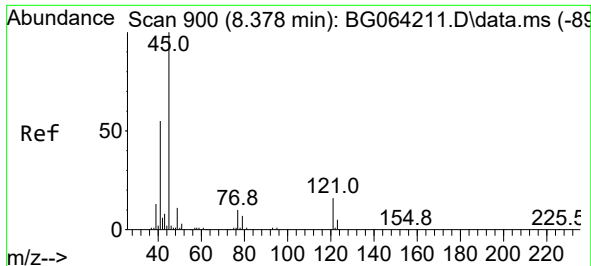
Ion Ratio Lower Upper

79 100

108 72.0 56.2 84.2

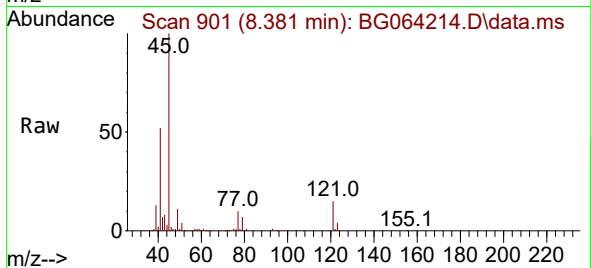
77 63.3 53.7 80.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.895 ng
RT: 8.381 min Scan# 901
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

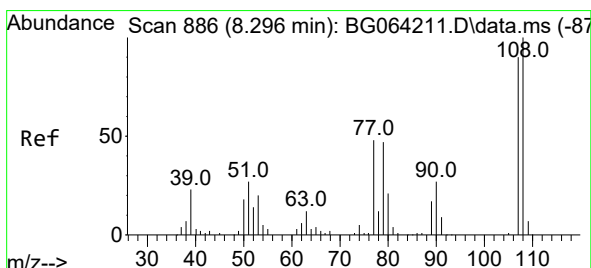
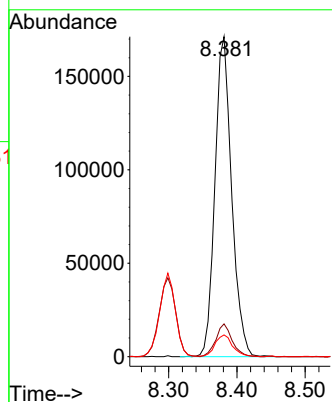
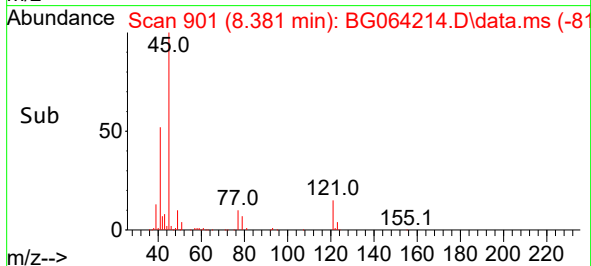
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 291924
Ion Ratio Lower Upper
45 100
77 10.3 0.0 29.7
79 6.8 0.0 27.5

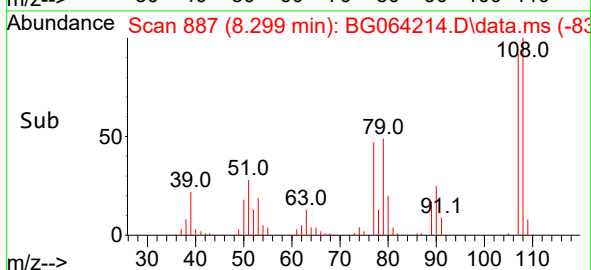
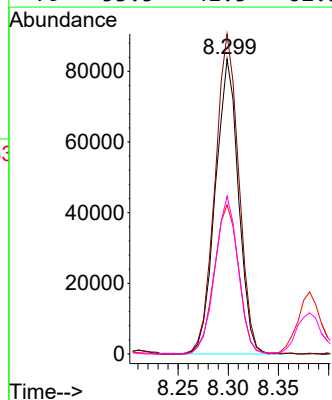
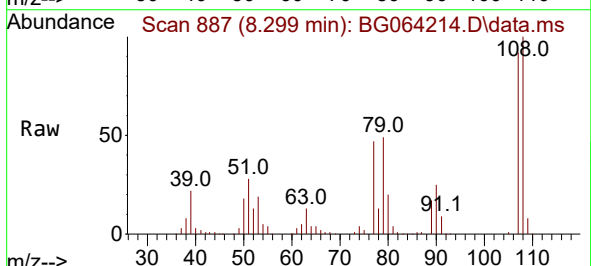
Manual Integrations
APPROVED

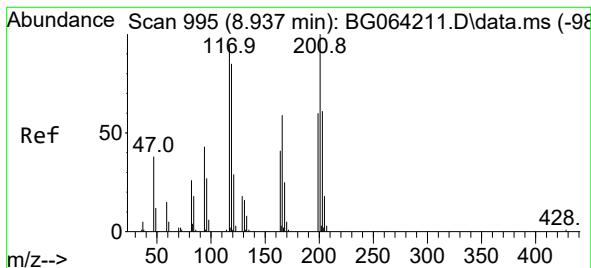
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#17
2-Methylphenol
Concen: 83.344 ng
RT: 8.299 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

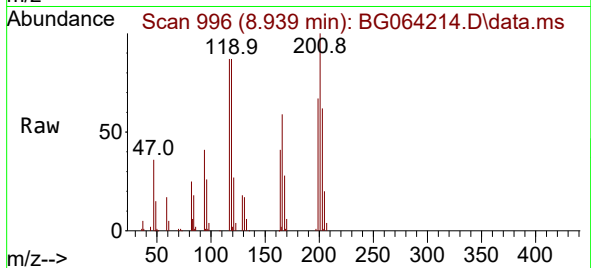
Tgt Ion:107 Resp: 133524
Ion Ratio Lower Upper
107 100
108 108.5 89.1 133.7
77 50.5 43.1 64.7
79 53.5 41.5 62.3





#18
Hexachloroethane
Concen: 81.074 ng
RT: 8.939 min Scan# 995
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

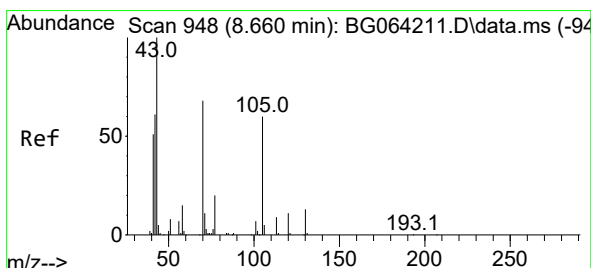
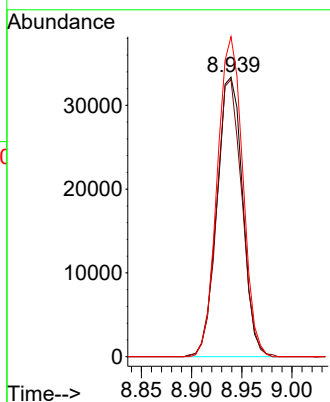
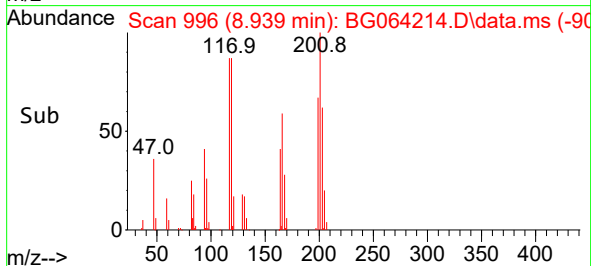
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 117 Resp: 59170
Ion Ratio Lower Upper
117 100
119 99.1 71.6 107.4
201 114.5 83.9 125.9

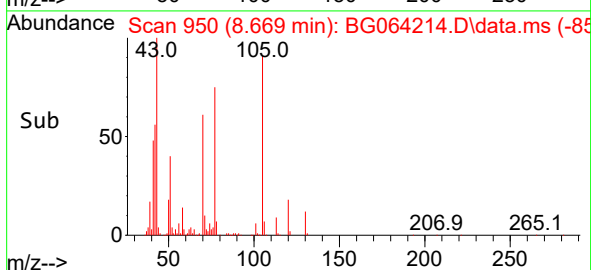
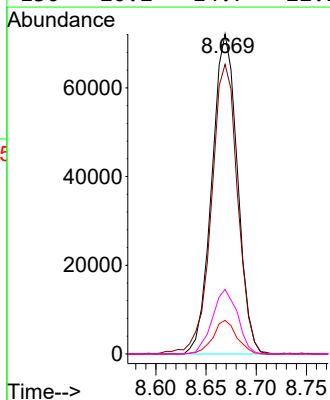
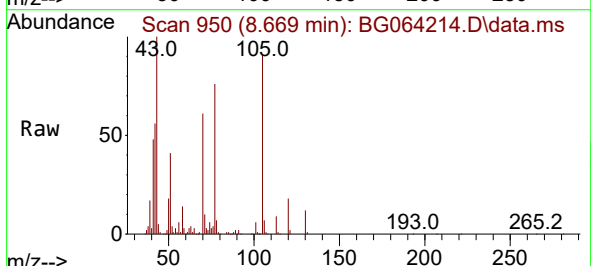
Manual Integrations
APPROVED

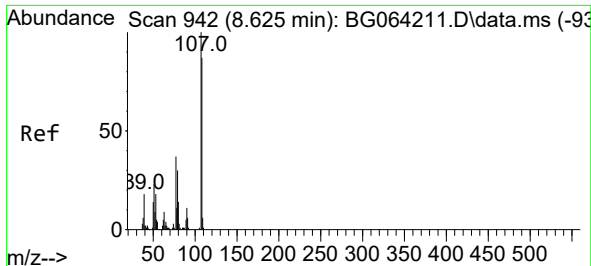
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#19
n-Nitroso-di-n-propylamine
Concen: 83.460 ng
RT: 8.669 min Scan# 950
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

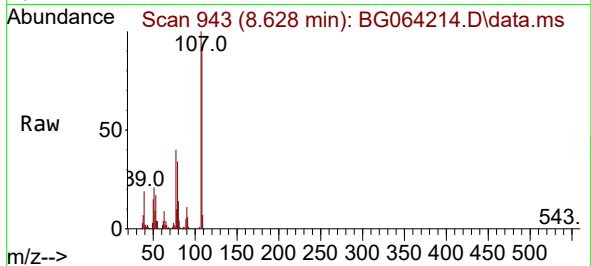
Tgt Ion: 70 Resp: 127323
Ion Ratio Lower Upper
70 100
42 90.5 73.2 109.8
101 10.5 8.2 12.2
130 20.2 14.7 22.1





#20
3+4-Methylphenols
Concen: 81.060 ng
RT: 8.628 min Scan# 942
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

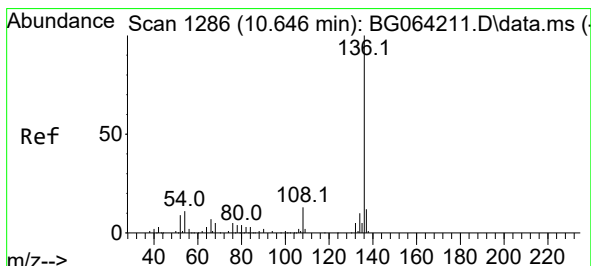
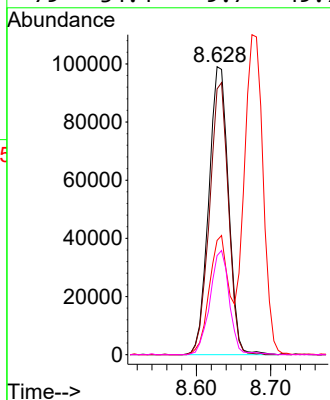
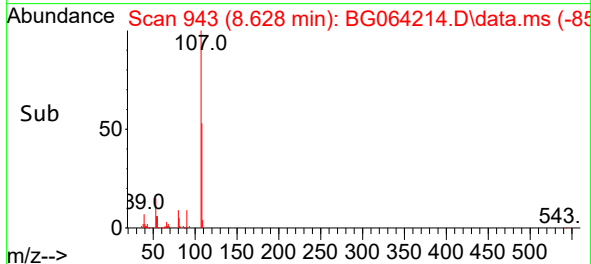
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 18338
Ion Ratio Lower Upper
107 100
108 92.3 66.5 106.5
77 39.7 16.8 56.8
79 34.4 9.7 49.7

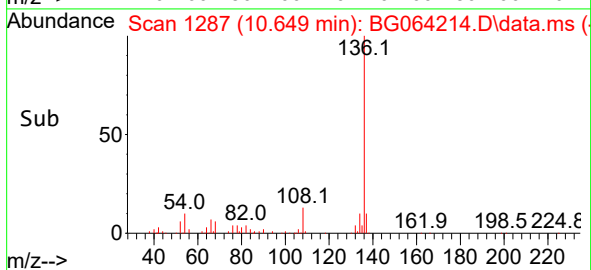
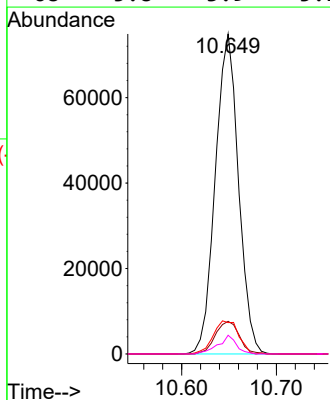
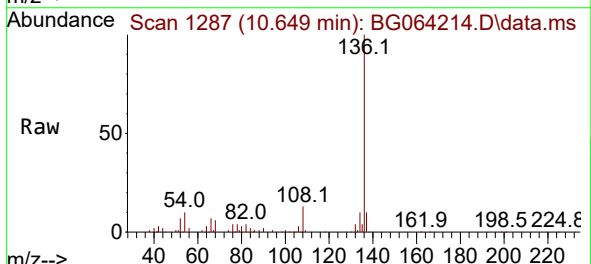
Manual Integrations
APPROVED

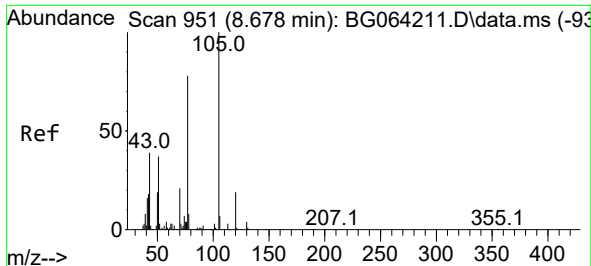
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:136 Resp: 127251
Ion Ratio Lower Upper
136 100
137 10.2 9.7 14.5
54 9.8 8.6 12.8
68 5.8 3.9 5.9





#22
Acetophenone
Concen: 78.013 ng
RT: 8.681 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

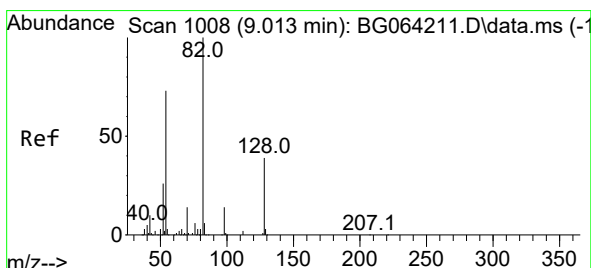
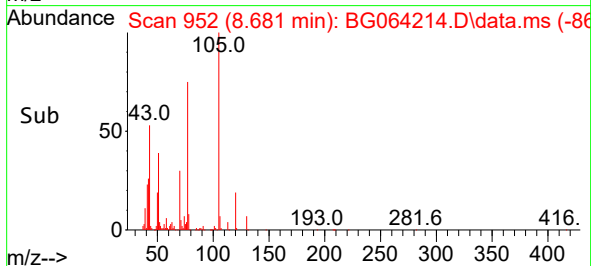
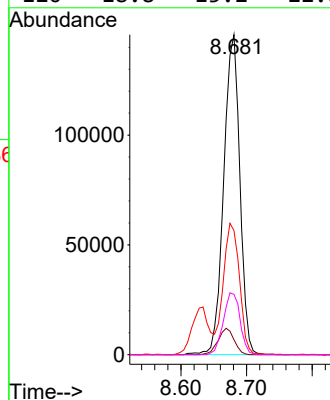
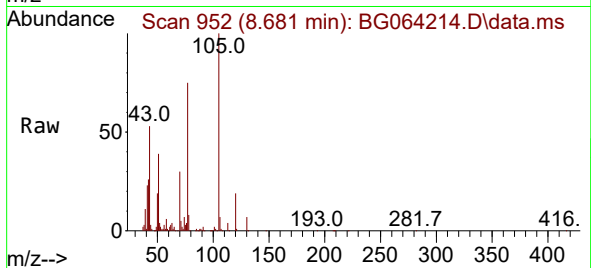
Tgt Ion:105 Resp: 24840
Ion Ratio Lower Upper
105 100
71 4.6 2.7 4.1
51 38.8 30.5 45.7
120 18.8 15.2 22.8

Manual Integrations

APPROVED

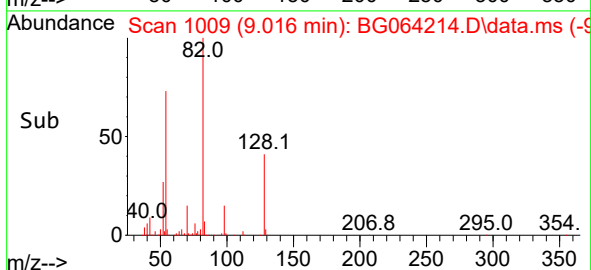
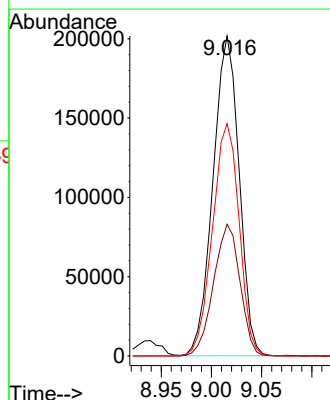
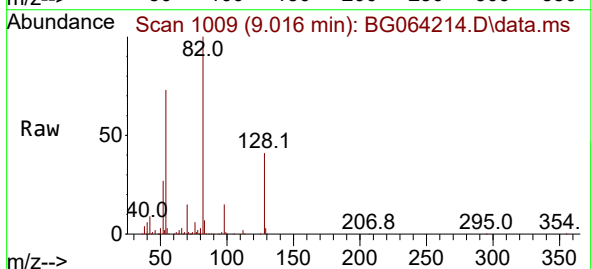
Reviewed By :Rahul Chavli 08/28/2025

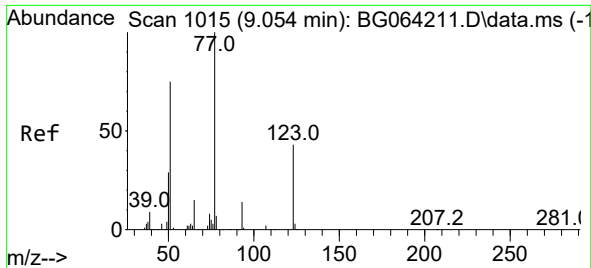
Supervised By :Jagrut Upadhyay 08/28/2025



#23
Nitrobenzene-d5
Concen: 161.691 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

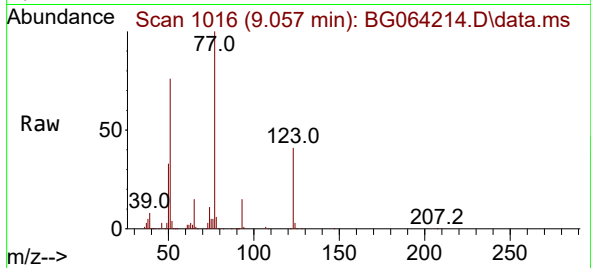
Tgt Ion: 82 Resp: 364451
Ion Ratio Lower Upper
82 100
128 41.2 31.4 47.2
54 72.6 58.3 87.5





#24
Nitrobenzene
Concen: 82.979 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

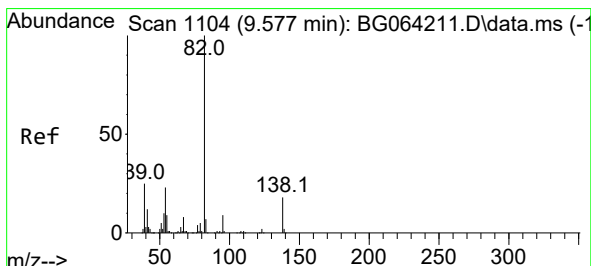
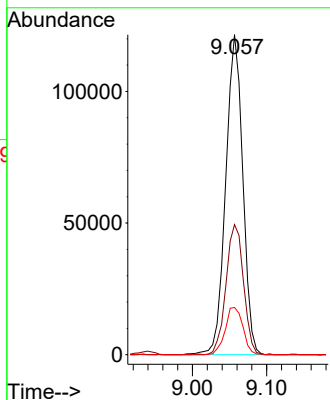
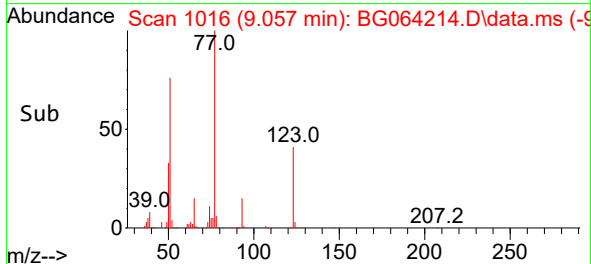
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 194380
Ion Ratio Lower Upper
77 100
123 40.6 34.4 51.6
65 14.8 12.2 18.2

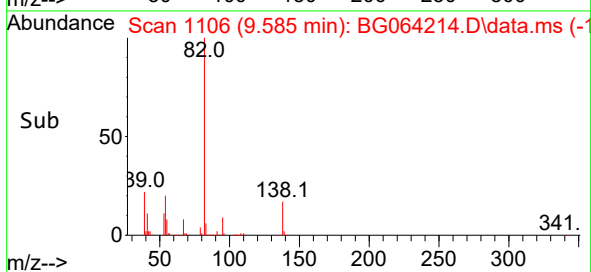
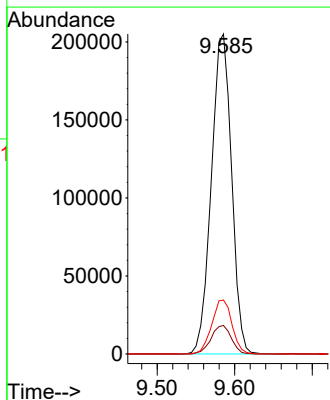
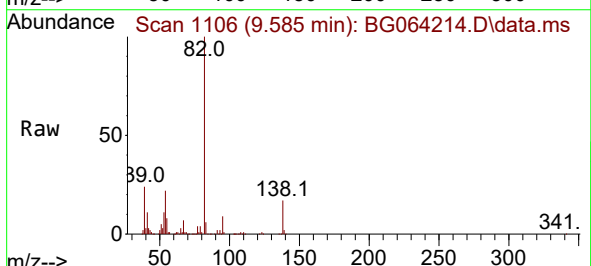
Manual Integrations
APPROVED

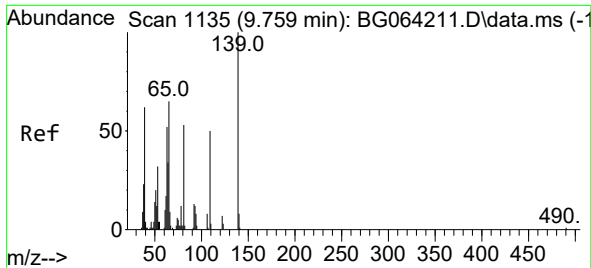
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#25
Isophorone
Concen: 78.374 ng
RT: 9.585 min Scan# 1106
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion: 82 Resp: 371824
Ion Ratio Lower Upper
82 100
95 8.9 7.0 10.4
138 16.8 14.1 21.1





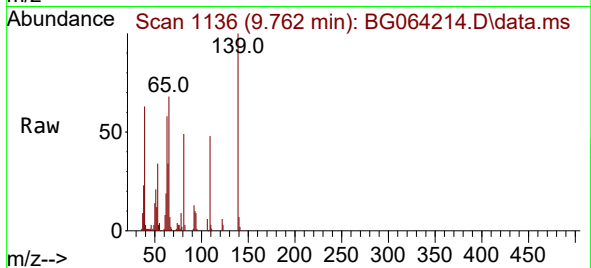
#26
2-Nitrophenol
Concen: 85.966 ng
RT: 9.762 min Scan# 1135
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



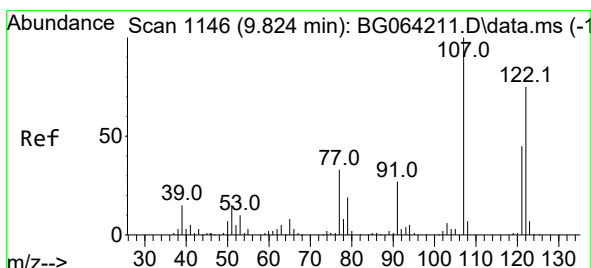
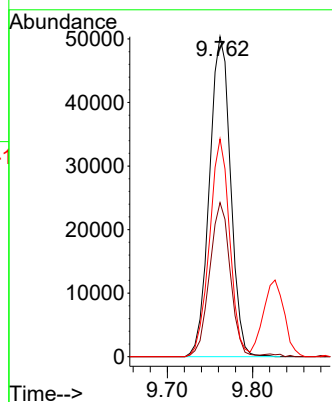
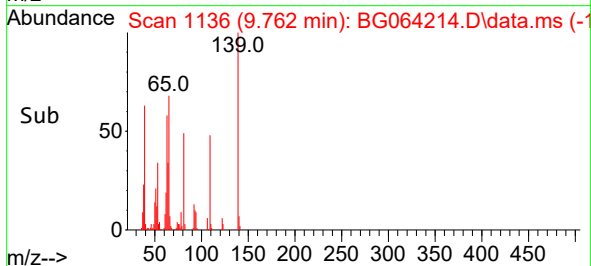
Tgt Ion:139 Resp: 8683
Ion Ratio Lower Upper
139 100
109 48.1 40.4 60.6
65 68.0 52.2 78.2

Manual Integrations

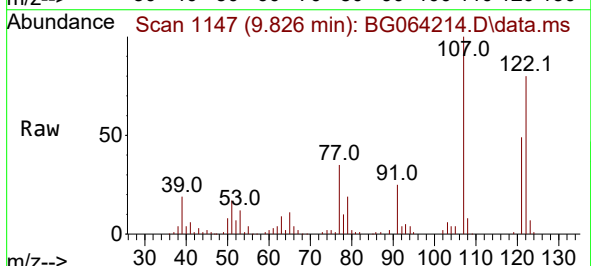
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

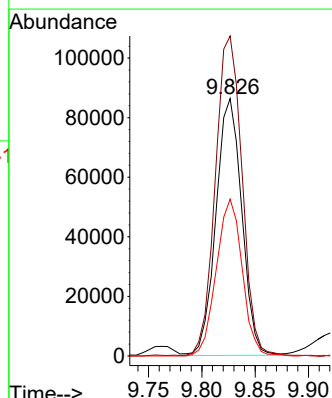
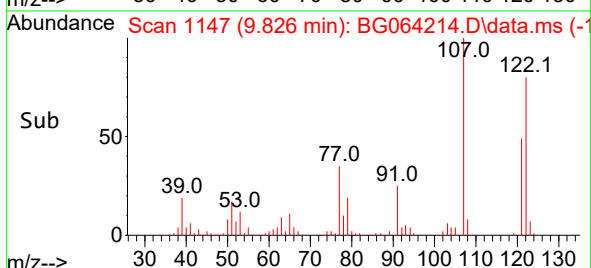
Supervised By :Jagrut Upadhyay 08/28/2025

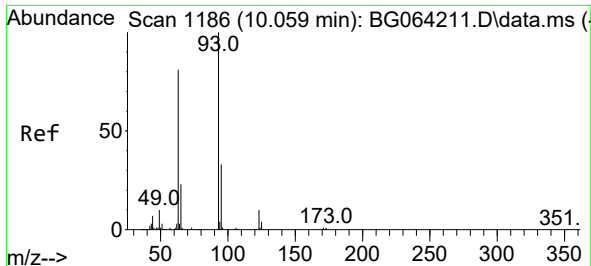


#27
2,4-Dimethylphenol
Concen: 79.471 ng
RT: 9.826 min Scan# 1147
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



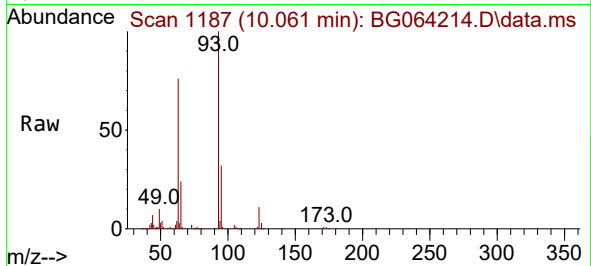
Tgt Ion:122 Resp: 145213
Ion Ratio Lower Upper
122 100
107 124.3 106.6 159.8
121 60.9 48.5 72.7





#28
bis(2-Chloroethoxy)methane
Concen: 78.143 ng
RT: 10.061 min Scan# 1186
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

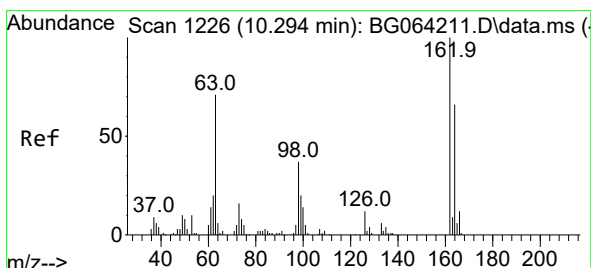
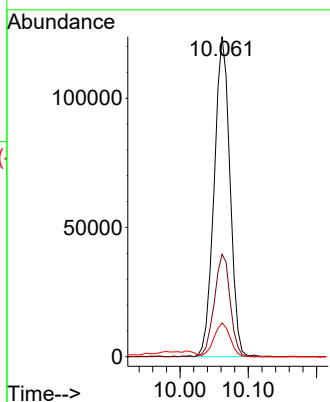
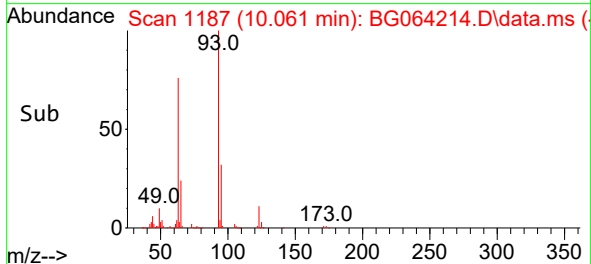
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 199612
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.5 8.1 12.1

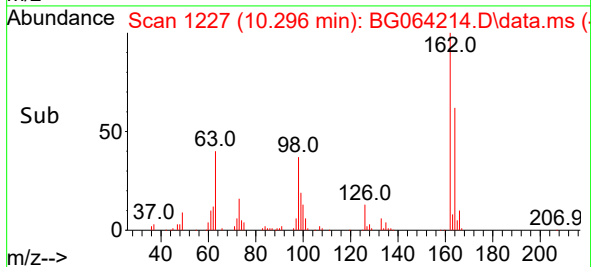
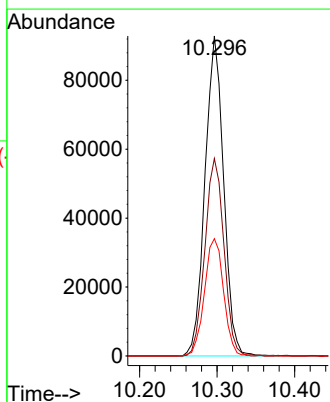
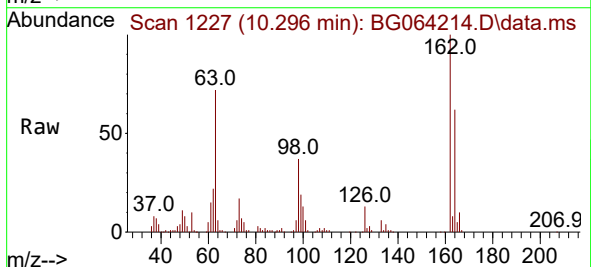
Manual Integrations
APPROVED

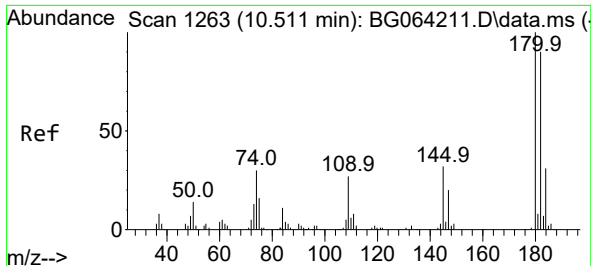
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#29
2,4-Dichlorophenol
Concen: 82.315 ng
RT: 10.296 min Scan# 1227
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:162 Resp: 154993
Ion Ratio Lower Upper
162 100
164 61.7 45.9 85.9
98 36.7 17.3 57.3





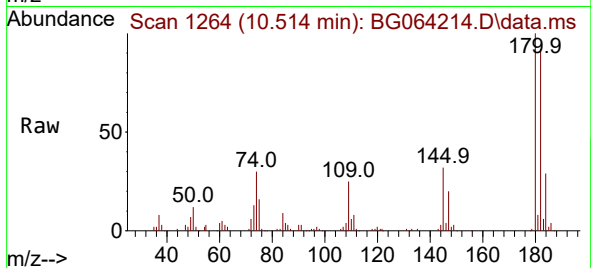
#30
1,2,4-Trichlorobenzene
Concen: 78.680 ng
RT: 10.514 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



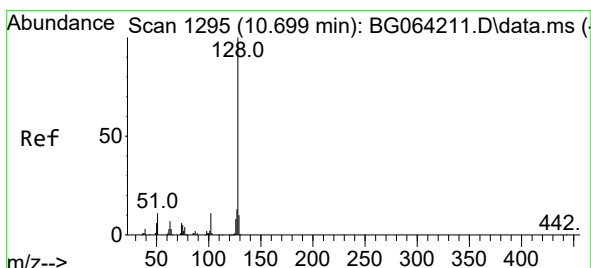
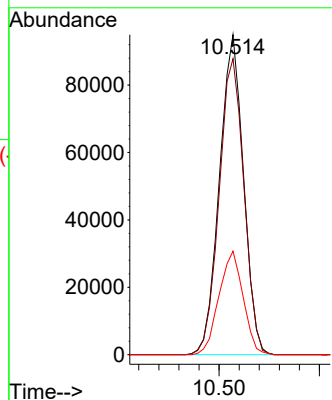
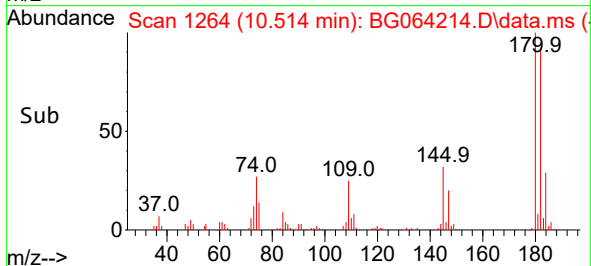
Tgt Ion:180 Resp: 157774
Ion Ratio Lower Upper
180 100
182 92.5 72.1 108.1
145 32.3 25.8 38.6

Manual Integrations

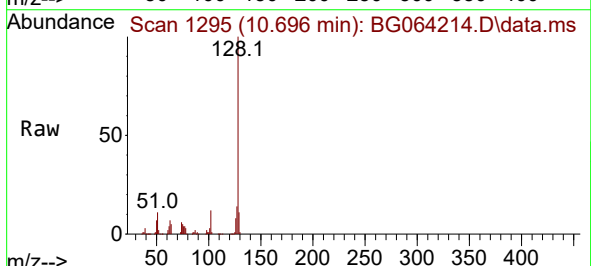
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

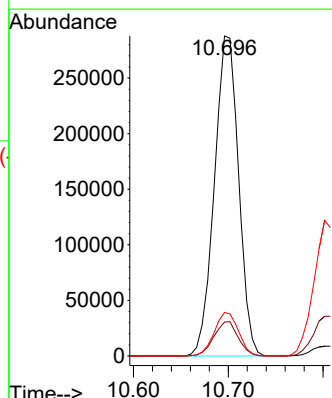
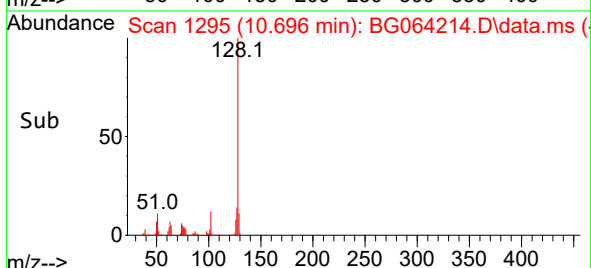
Supervised By :Jagrut Upadhyay 08/28/2025

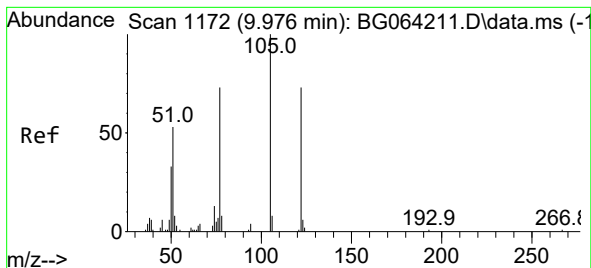


#31
Naphthalene
Concen: 78.617 ng
RT: 10.696 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:128 Resp: 510788
Ion Ratio Lower Upper
128 100
129 10.6 8.1 12.1
127 13.6 10.2 15.4





#32

Benzoic acid

Concen: 85.282 ng m

RT: 9.997 min Scan# 1176

Delta R.T. 0.020 min

Lab File: BG064214.D

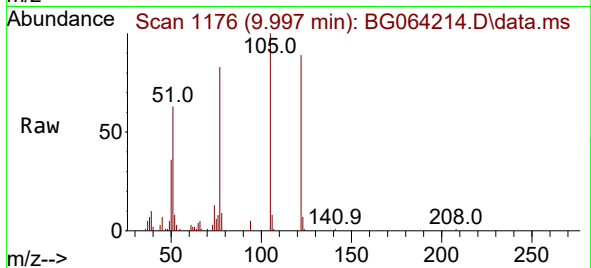
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 132009

Ion Ratio Lower Upper

122 100

105 112.5 115.7 155.7

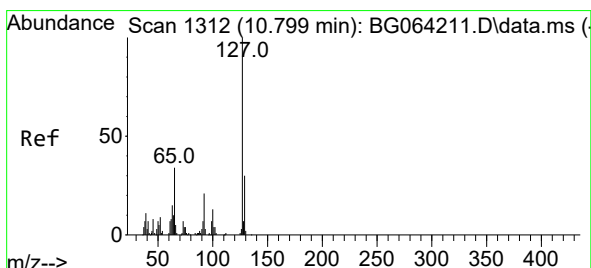
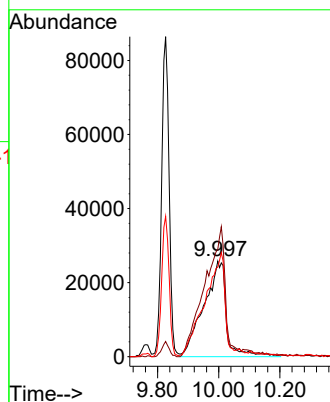
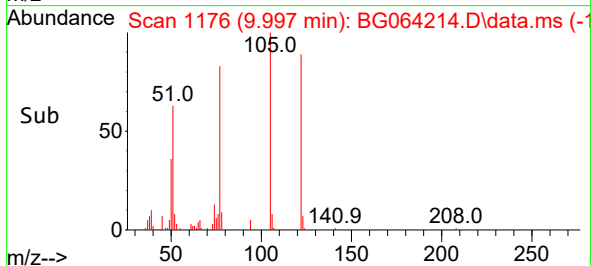
77 93.8 80.9 120.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#33

4-Chloroaniline

Concen: 83.530 ng

RT: 10.802 min Scan# 1313

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:127 Resp: 212012

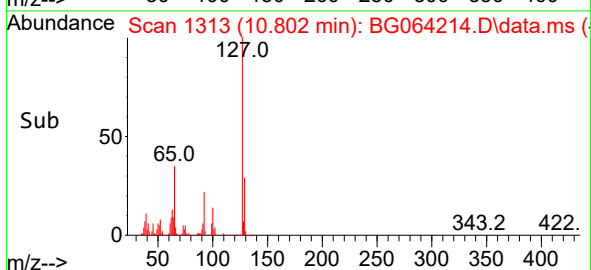
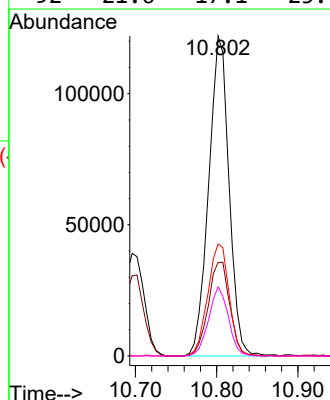
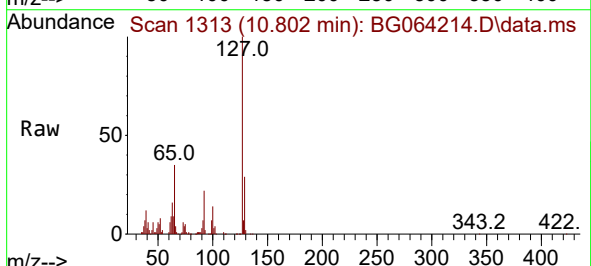
Ion Ratio Lower Upper

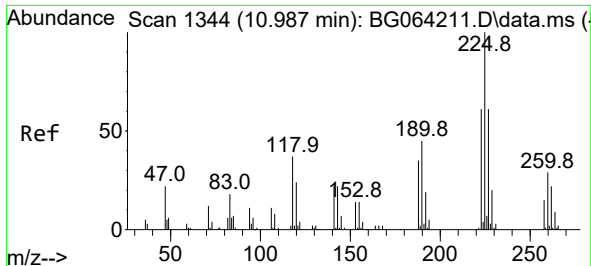
127 100

129 29.2 23.9 35.9

65 35.0 27.4 41.2

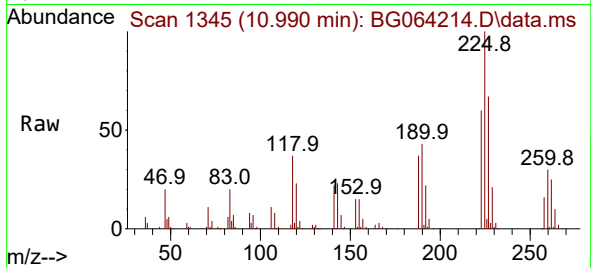
92 21.6 17.1 25.7





#34
Hexachlorobutadiene
Concen: 79.248 ng
RT: 10.990 min Scan# 116329
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

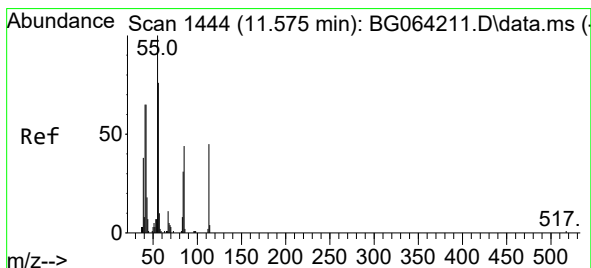
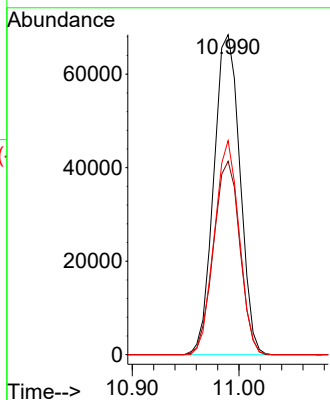
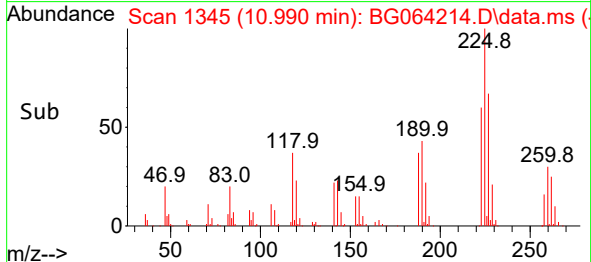
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 116329
Ion Ratio Lower Upper
225 100
223 60.5 48.6 72.8
227 66.9 48.8 73.2

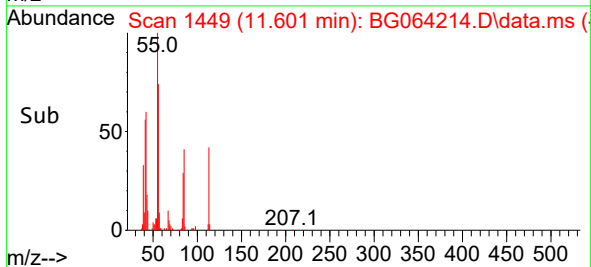
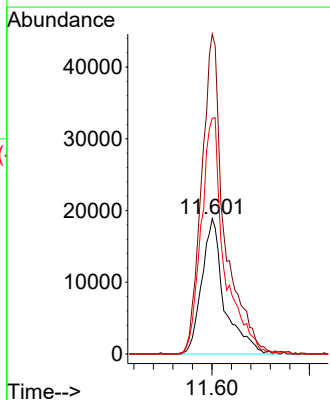
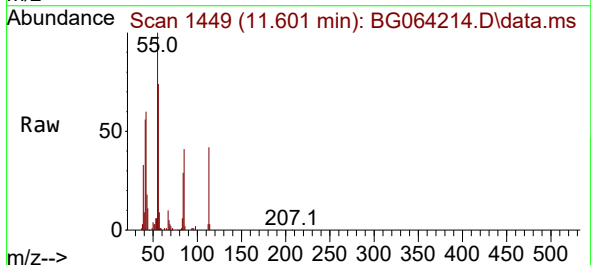
Manual Integrations
APPROVED

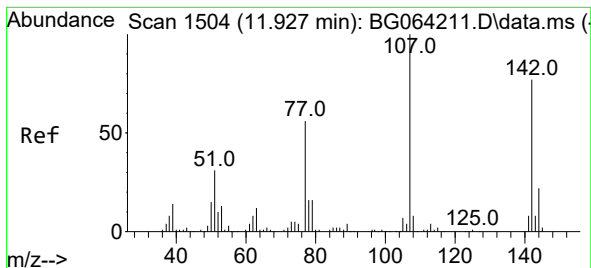
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#35
Caprolactam
Concen: 80.578 ng
RT: 11.601 min Scan# 1449
Delta R.T. 0.026 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:113 Resp: 60751
Ion Ratio Lower Upper
113 100
55 236.5 202.7 242.7
56 174.3 150.1 190.1





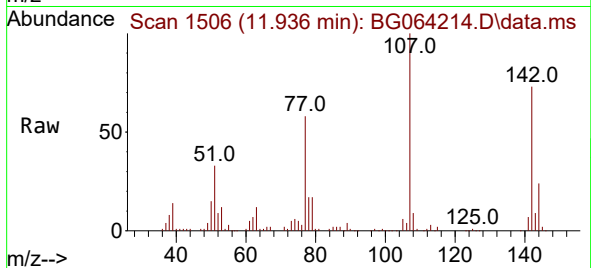
#36
4-Chloro-3-methylphenol
Concen: 81.464 ng
RT: 11.936 min Scan# 1506
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



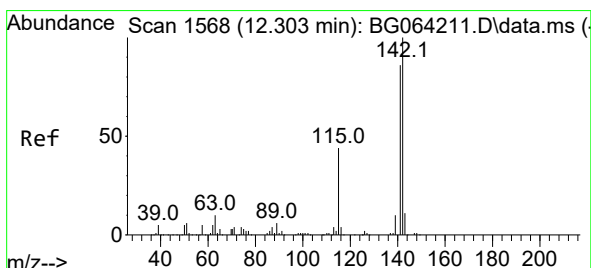
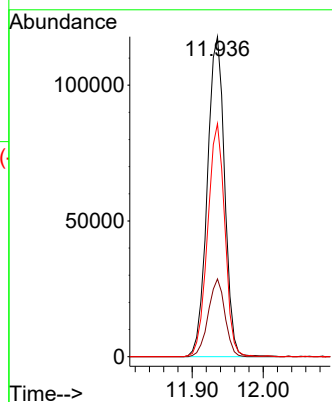
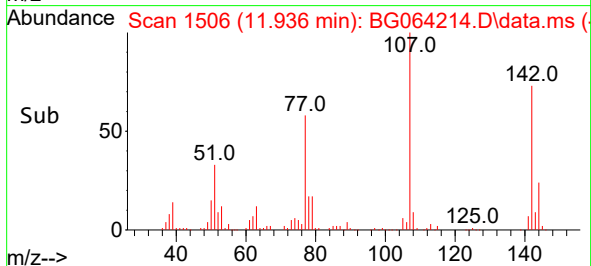
Tgt Ion:107 Resp: 199760
Ion Ratio Lower Upper
107 100
144 24.3 17.3 25.9
142 72.8 61.6 92.4

Manual Integrations

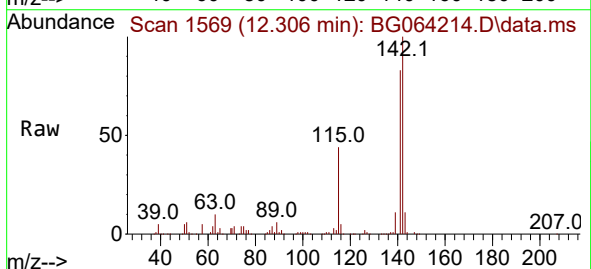
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

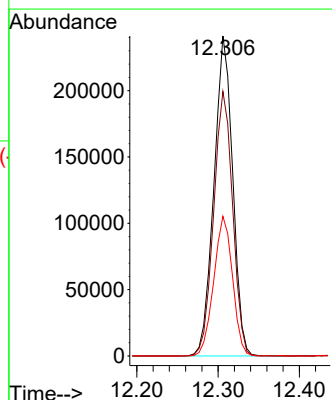
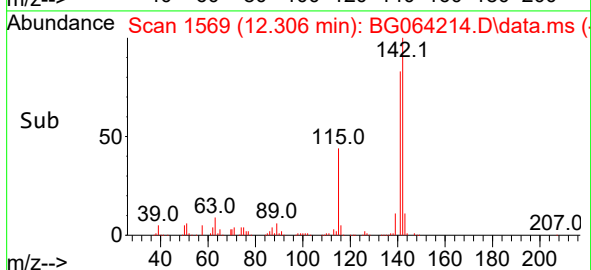
Supervised By :Jagrut Upadhyay 08/28/2025

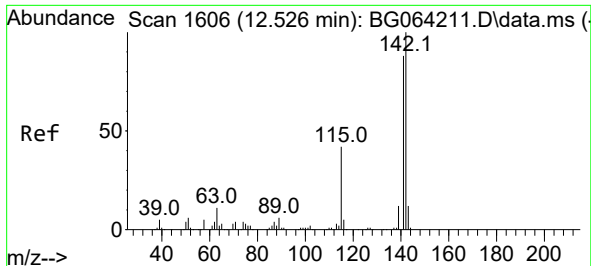


#37
2-Methylnaphthalene
Concen: 80.392 ng
RT: 12.306 min Scan# 1569
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



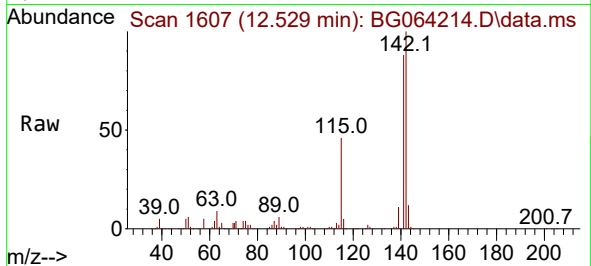
Tgt Ion:142 Resp: 386349
Ion Ratio Lower Upper
142 100
141 82.7 68.4 102.6
115 43.7 34.9 52.3





#38
1-Methylnaphthalene
Concen: 79.235 ng
RT: 12.529 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

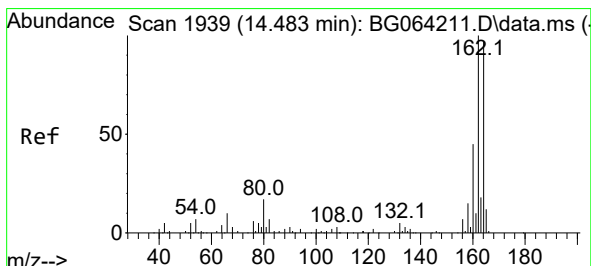
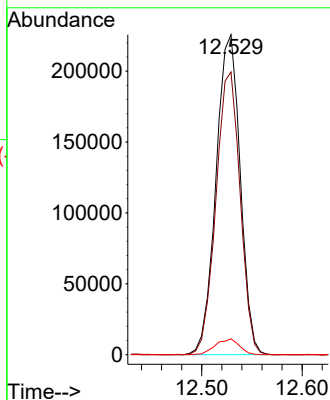
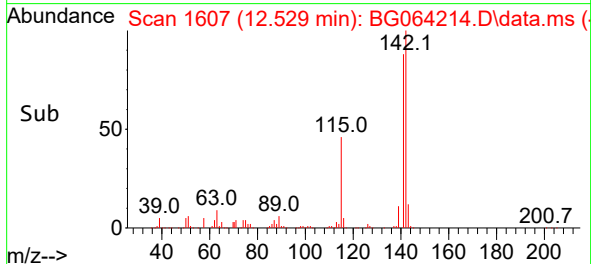
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



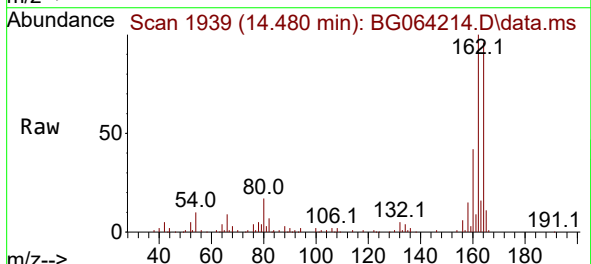
Tgt Ion:142 Resp: 377740
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
116 5.0 3.8 5.8

Manual Integrations
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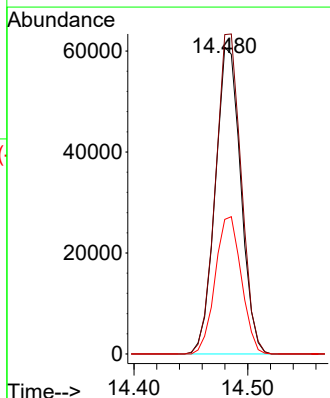
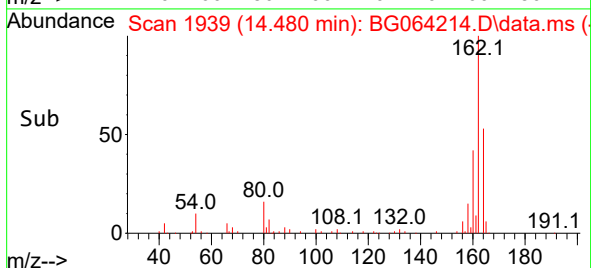
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

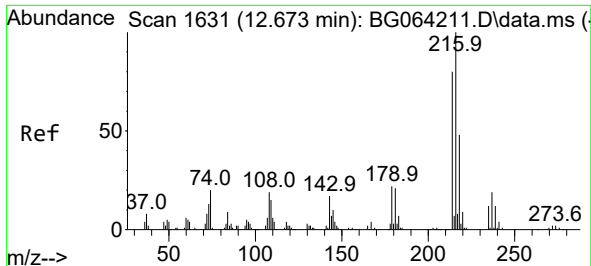


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



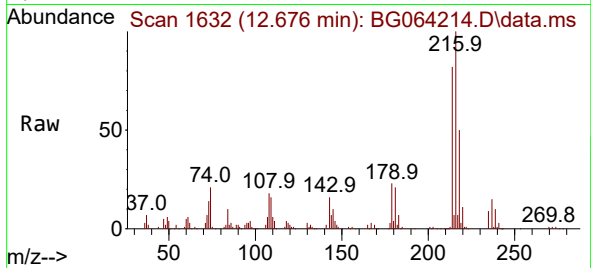
Tgt Ion:164 Resp: 94510
Ion Ratio Lower Upper
164 100
162 104.1 82.4 123.6
160 43.9 36.8 55.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.650 ng
RT: 12.676 min Scan# 1631
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

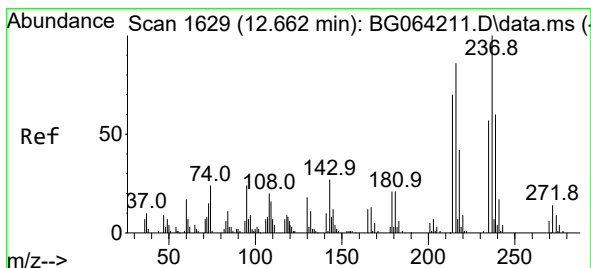
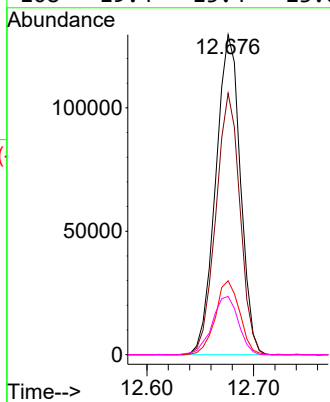
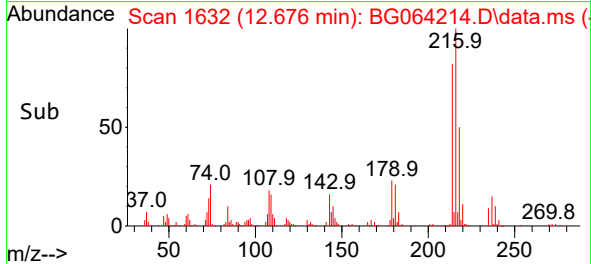
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



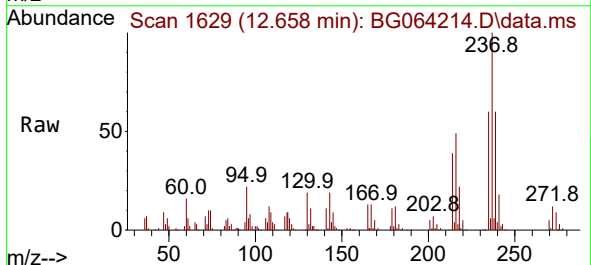
Tgt Ion:216 Resp: 207915
Ion Ratio Lower Upper
216 100
214 80.0 62.5 93.7
179 22.8 17.7 26.5
108 19.4 15.4 23.0

Manual Integrations
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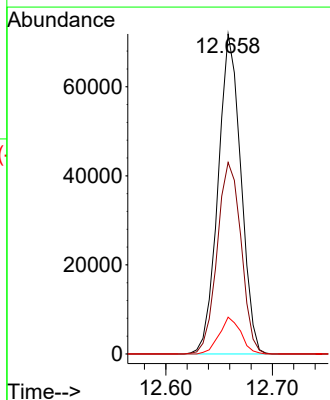
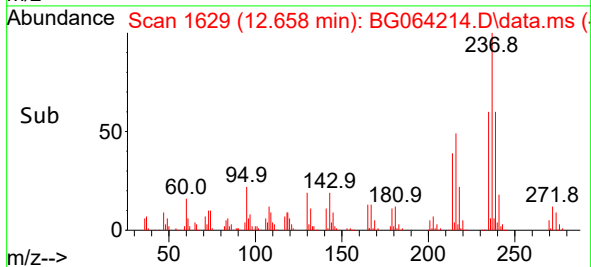
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

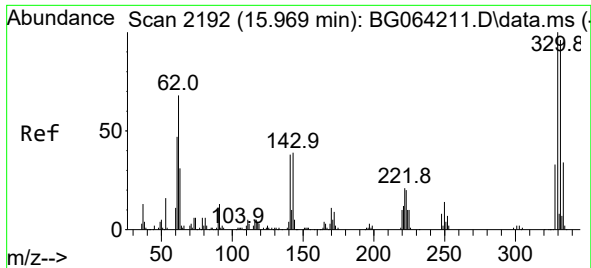


#41
Hexachlorocyclopentadiene
Concen: 87.476 ng
RT: 12.658 min Scan# 1629
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



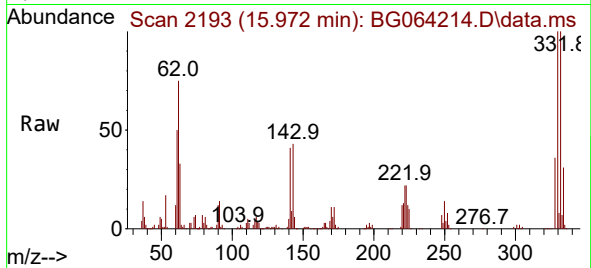
Tgt Ion:237 Resp: 106710
Ion Ratio Lower Upper
237 100
235 59.8 37.1 77.1
272 11.5 0.0 33.6





#42
2,4,6-Tribromophenol
Concen: 157.158 ng
RT: 15.972 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

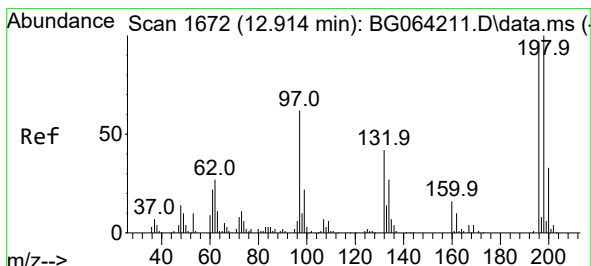
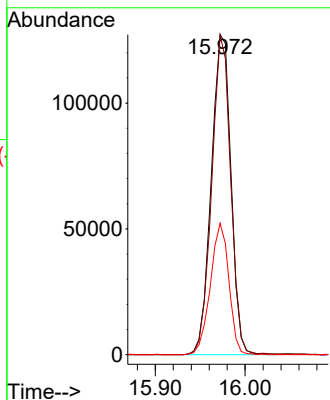
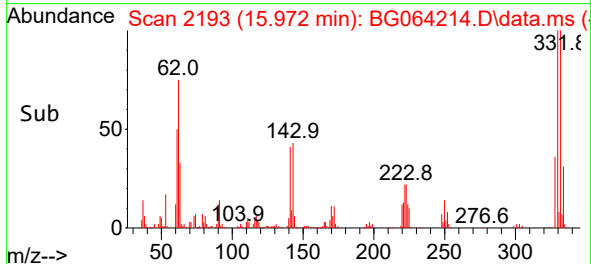
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



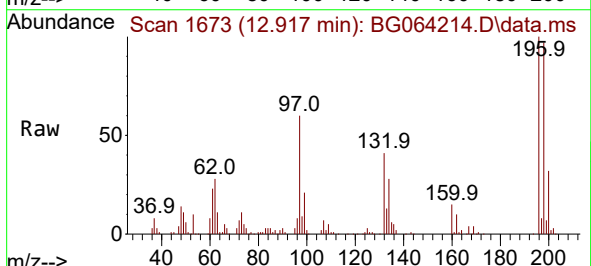
Tgt Ion:330 Resp: 193568
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 38.6 30.0 45.0

Manual Integrations
APPROVED

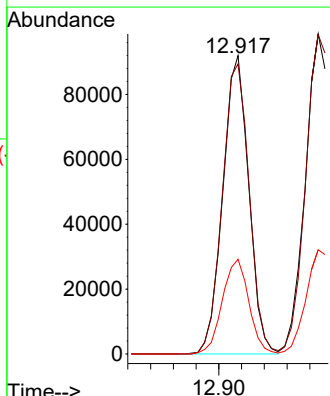
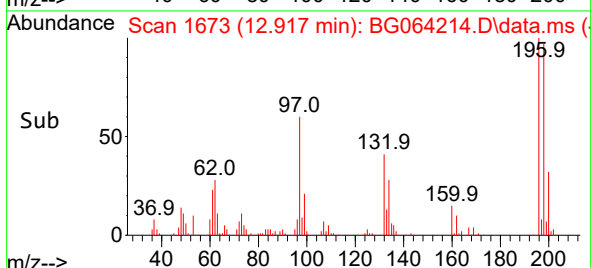
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

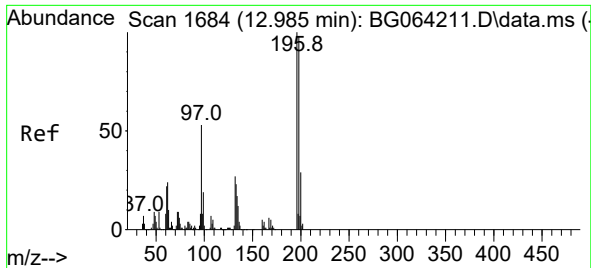


#43
2,4,6-Trichlorophenol
Concen: 81.241 ng
RT: 12.917 min Scan# 1673
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



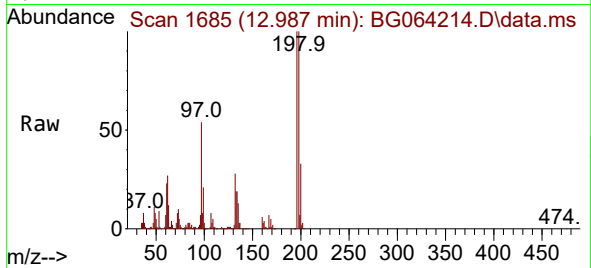
Tgt Ion:196 Resp: 145593
Ion Ratio Lower Upper
196 100
198 97.2 82.7 124.1
200 31.7 27.4 41.0





#44
2,4,5-Trichlorophenol
Concen: 80.152 ng
RT: 12.987 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

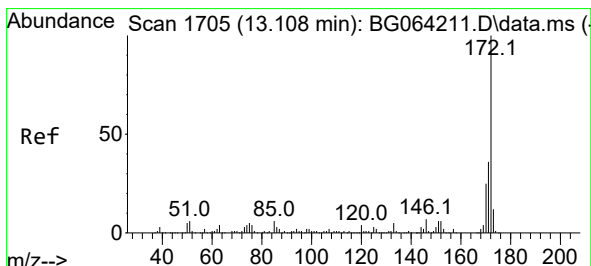
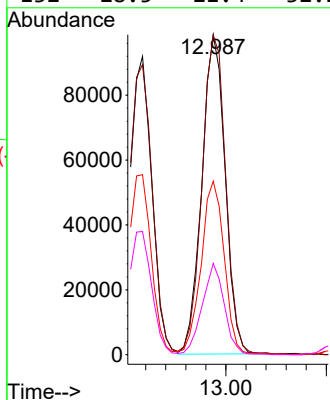
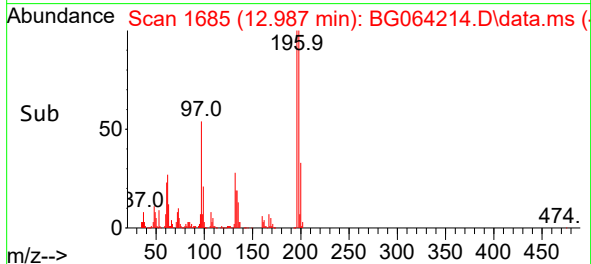
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 15914
Ion Ratio Lower Upper
196 100
198 99.8 78.2 117.2
97 54.2 42.3 63.5
132 28.5 21.4 32.2

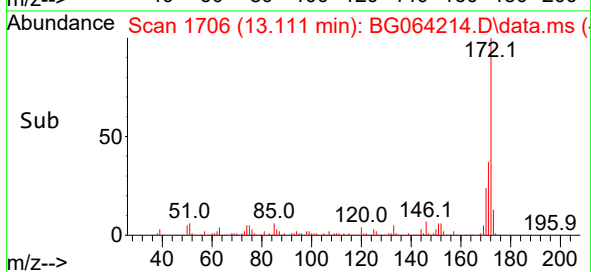
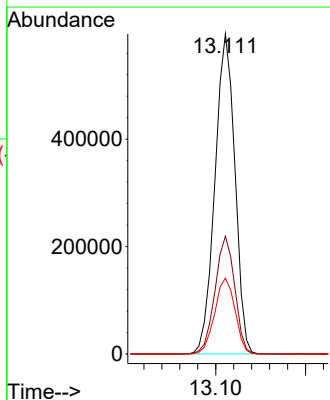
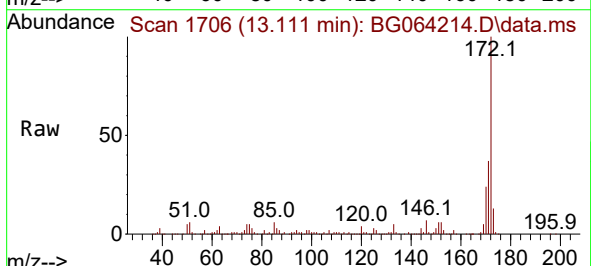
Manual Integrations
APPROVED

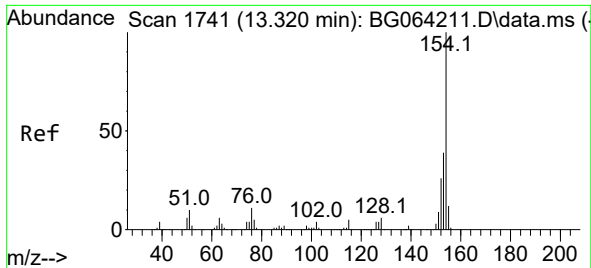
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#45
2-Fluorobiphenyl
Concen: 153.799 ng
RT: 13.111 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:172 Resp: 918873
Ion Ratio Lower Upper
172 100
171 36.8 28.4 42.6
170 23.7 20.2 30.4





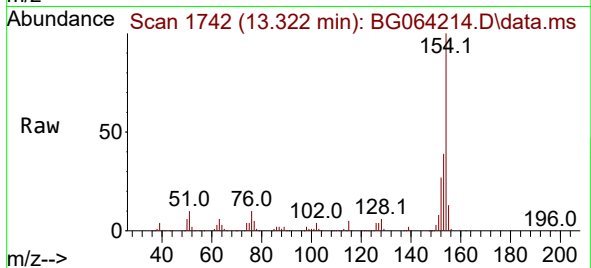
#46
1,1'-Biphenyl
Concen: 77.687 ng
RT: 13.322 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



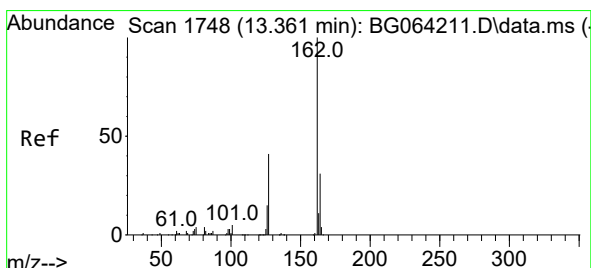
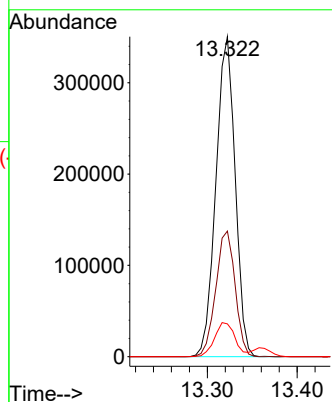
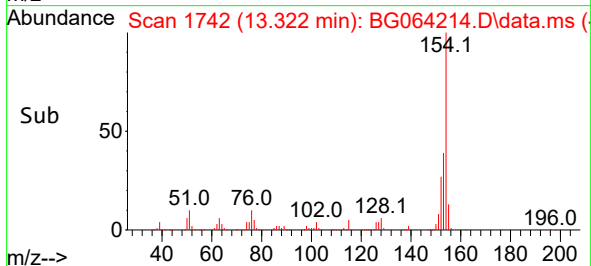
Tgt Ion:154 Resp: 52058
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 10.2 0.0 31.4

Manual Integrations

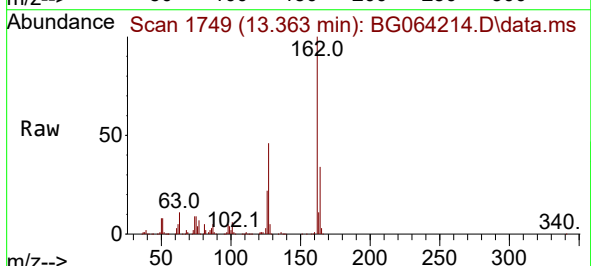
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

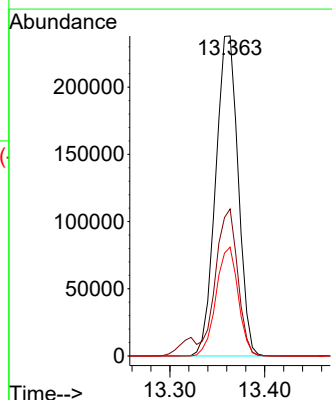
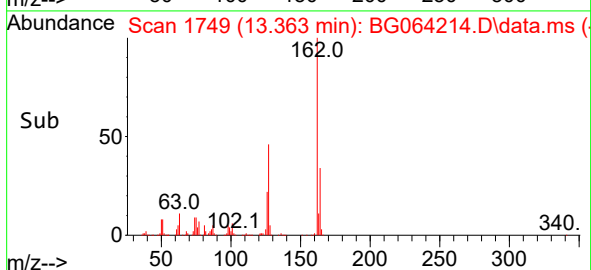
Supervised By :Jagrut Upadhyay 08/28/2025

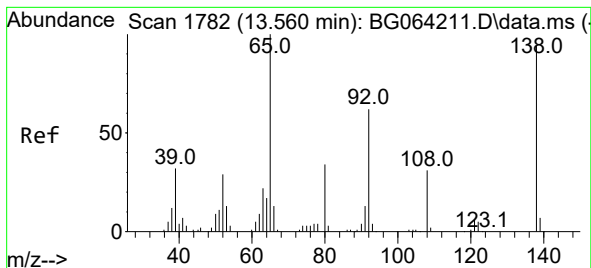


#47
2-Chloronaphthalene
Concen: 78.658 ng
RT: 13.363 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:162 Resp: 393397
Ion Ratio Lower Upper
162 100
127 45.9 36.2 54.4
164 34.0 25.0 37.4





#48
2-Nitroaniline
Concen: 87.570 ng
RT: 13.563 min Scan# 1783
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

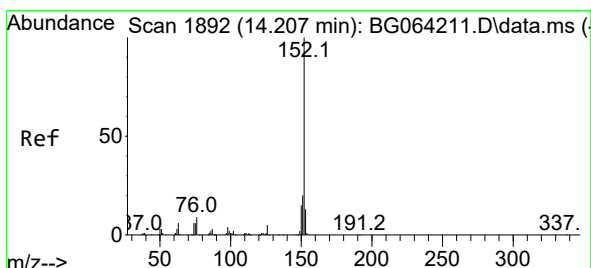
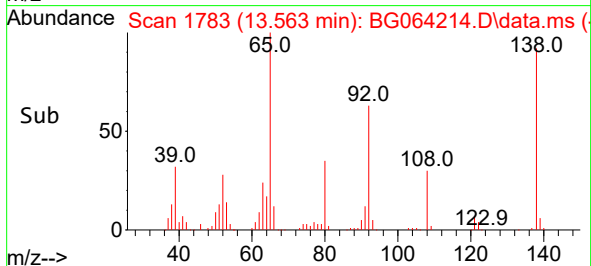
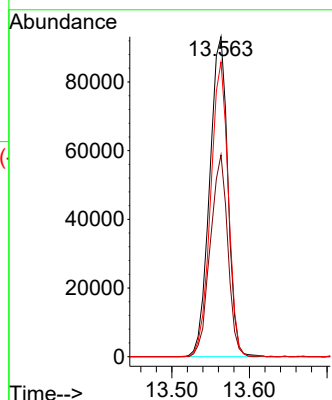
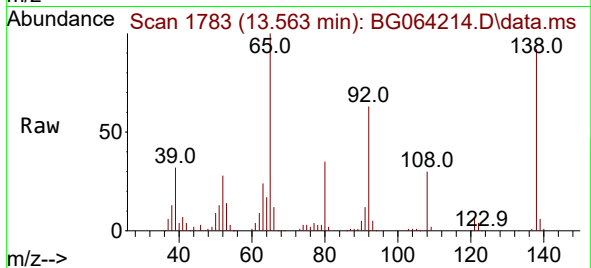
SSTDICC080

Tgt Ion: 65 Resp: 151810
Ion Ratio Lower Upper
65 100
92 63.1 49.3 73.9
138 92.1 75.4 113.0

Manual Integrations

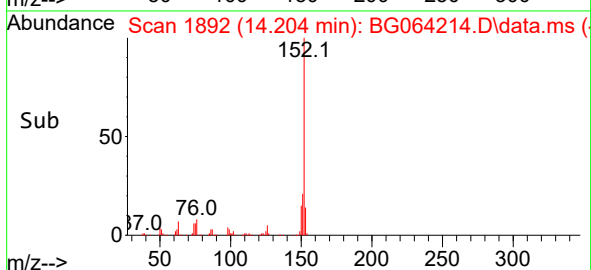
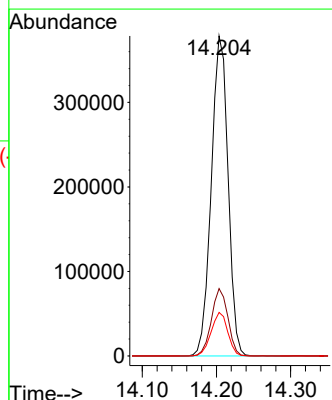
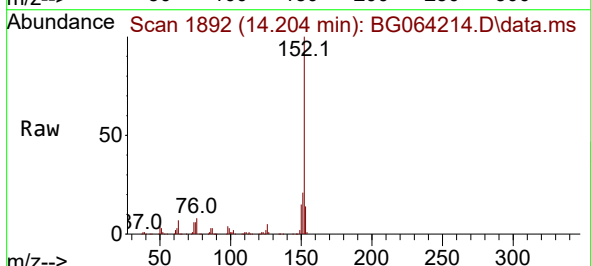
APPROVED

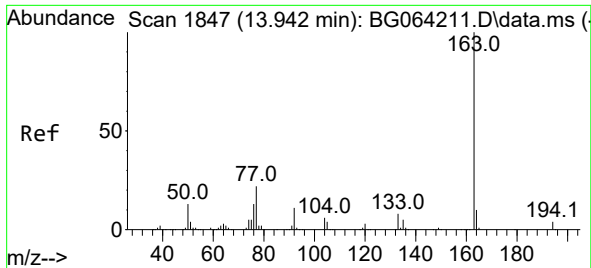
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#49
Acenaphthylene
Concen: 79.931 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:152 Resp: 593449
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 13.6 10.6 16.0





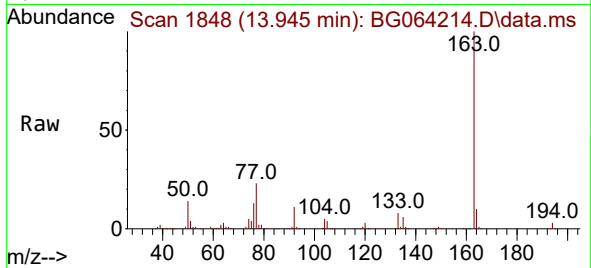
#50
Dimethylphthalate
Concen: 77.364 ng
RT: 13.945 min Scan# 1847
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



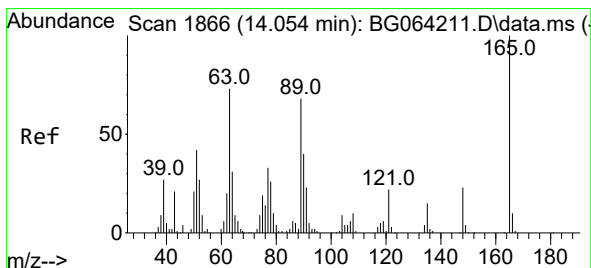
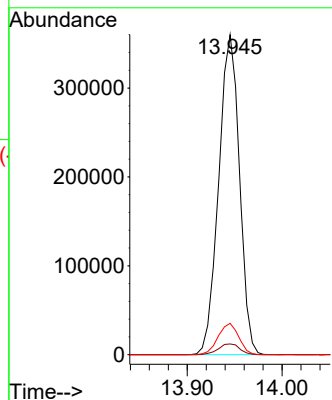
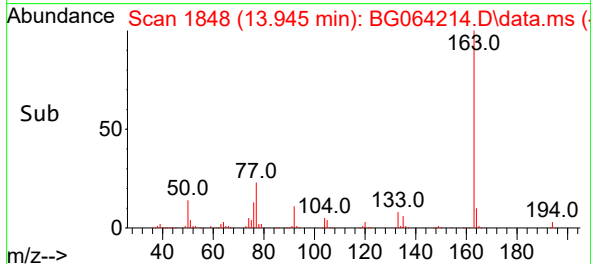
Tgt Ion:163 Resp: 548592
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 9.8 8.0 12.0

Manual Integrations

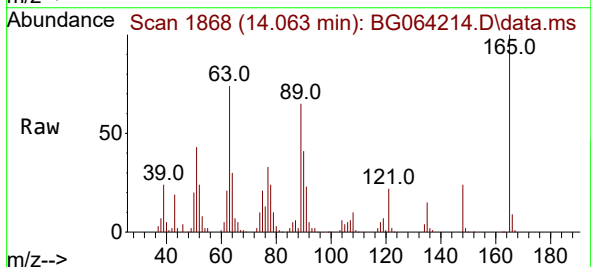
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

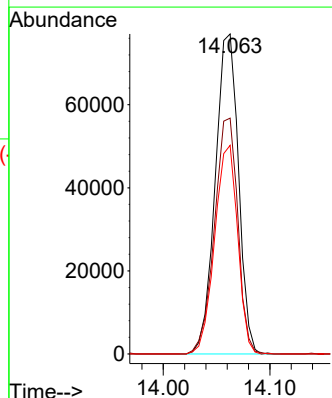
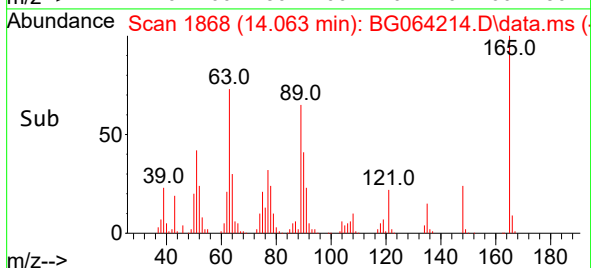
Supervised By :Jagrut Upadhyay 08/28/2025

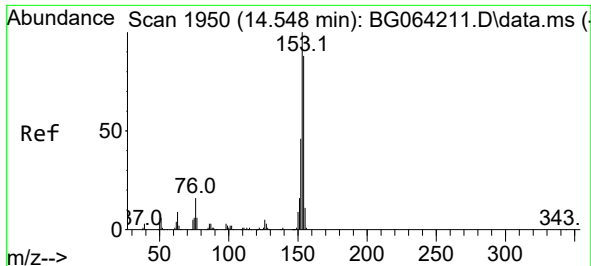


#51
2,6-Dinitrotoluene
Concen: 86.860 ng
RT: 14.063 min Scan# 1868
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:165 Resp: 116281
Ion Ratio Lower Upper
165 100
63 73.7 58.3 87.5
89 65.2 54.3 81.5





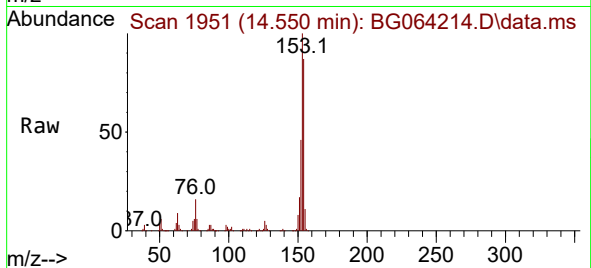
#52
Acenaphthene
Concen: 78.153 ng
RT: 14.550 min Scan# 1950
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



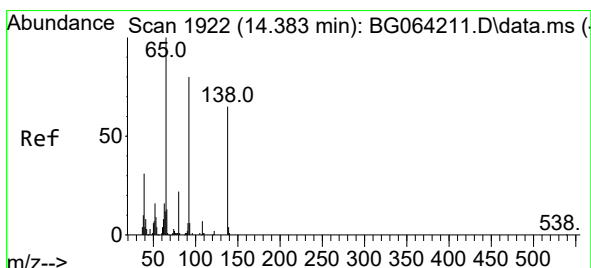
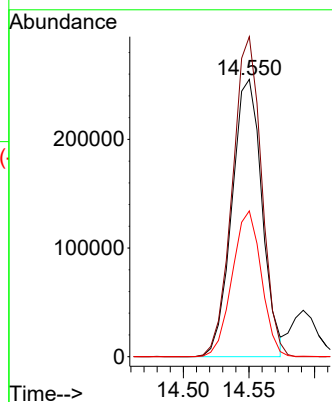
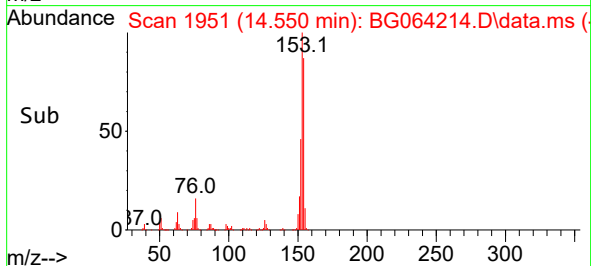
Tgt Ion:154 Resp: 407380
Ion Ratio Lower Upper
154 100
153 115.4 91.2 136.8
152 52.6 41.8 62.8

Manual Integrations

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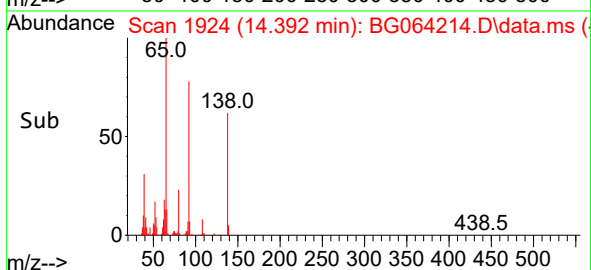
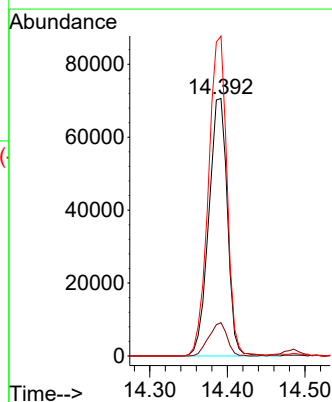
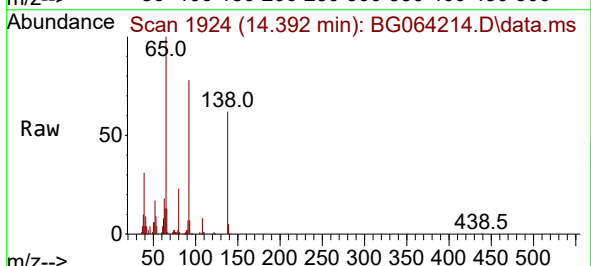
Reviewed By :Rahul Chavli 08/28/2025

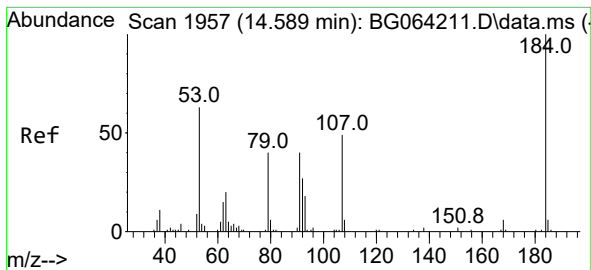
Supervised By :Jagrut Upadhyay 08/28/2025



#53
3-Nitroaniline
Concen: 84.999 ng
RT: 14.392 min Scan# 1924
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

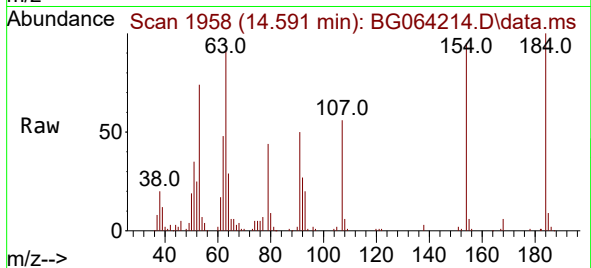
Tgt Ion:138 Resp: 117379
Ion Ratio Lower Upper
138 100
108 13.0 8.7 13.1
92 124.3 99.3 148.9





#54
2,4-Dinitrophenol
Concen: 78.677 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

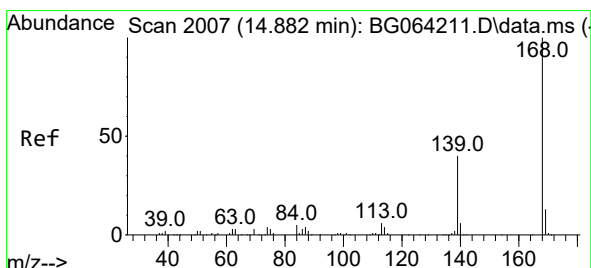
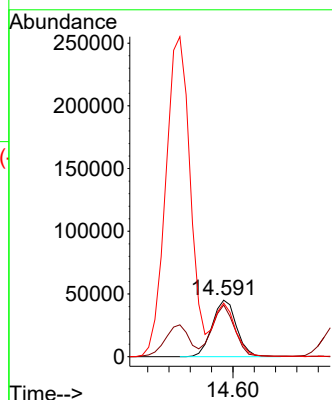
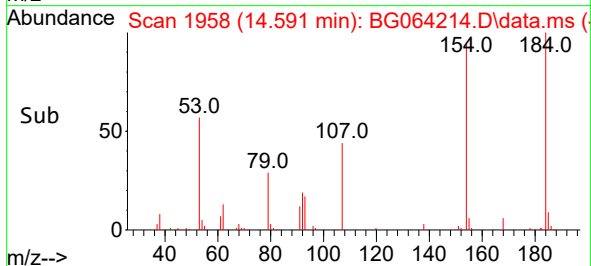
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



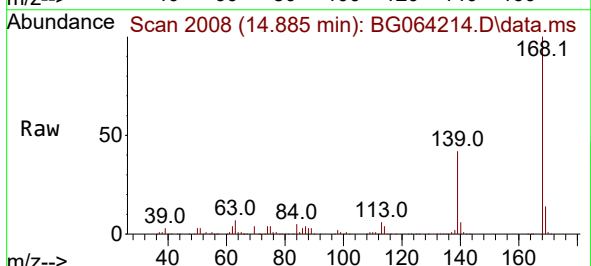
Tgt Ion:184 Resp: 71420
Ion Ratio Lower Upper
184 100
63 91.5 60.7 91.1
154 94.9 64.9 97.3

Manual Integrations
APPROVED

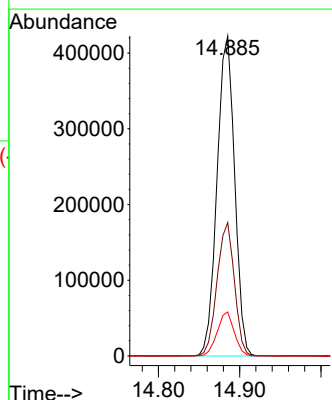
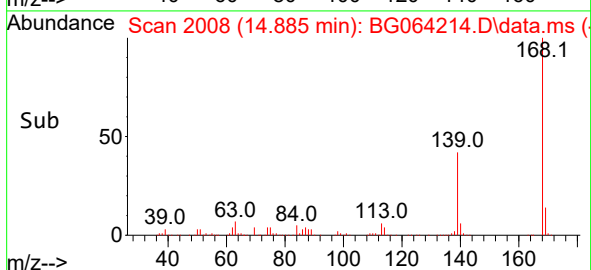
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

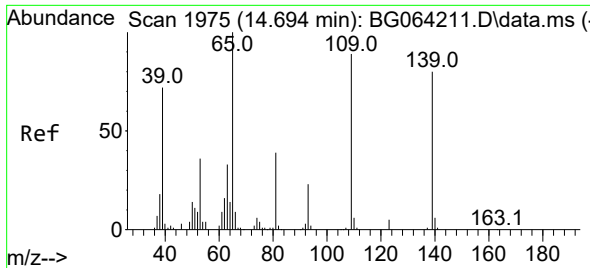


#55
Dibenzofuran
Concen: 76.999 ng
RT: 14.885 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:168 Resp: 636847
Ion Ratio Lower Upper
168 100
139 41.6 32.1 48.1
169 13.7 10.3 15.5





#56
4-Nitrophenol
Concen: 83.929 ng
RT: 14.697 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

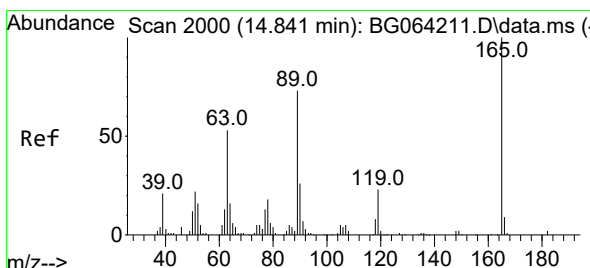
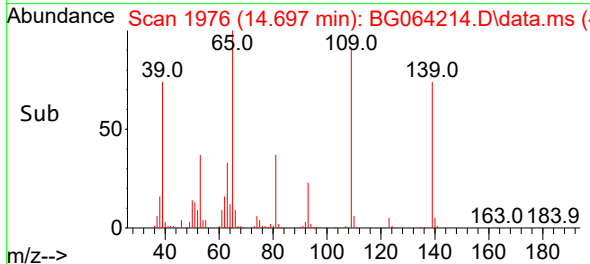
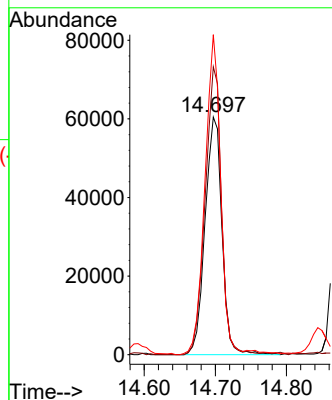
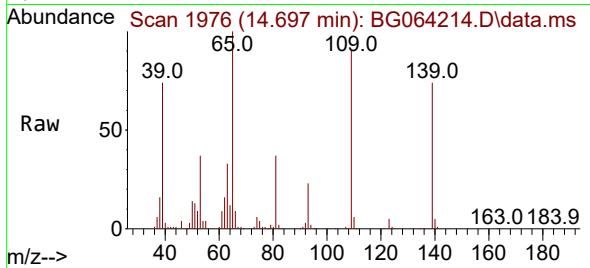
Tgt Ion:139 Resp: 10035
Ion Ratio Lower Upper
139 100
109 121.1 91.2 131.2
65 134.7 105.5 145.5

Manual Integrations

APPROVED

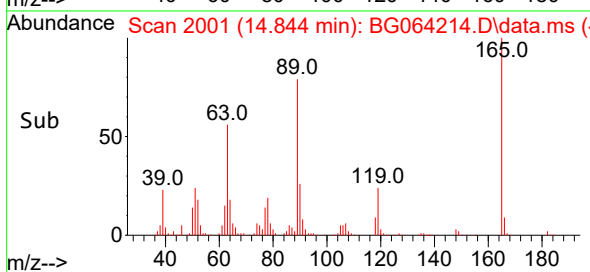
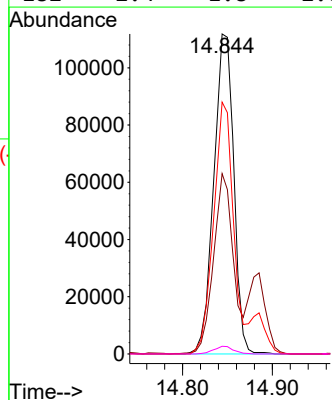
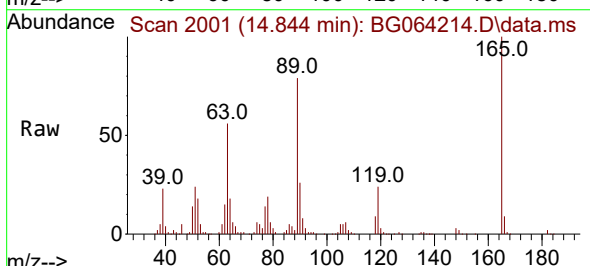
Reviewed By :Rahul Chavli 08/28/2025

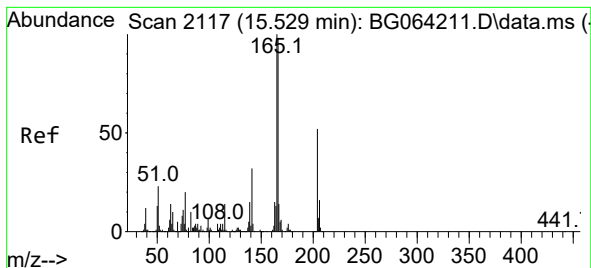
Supervised By :Jagrut Upadhyay 08/28/2025



#57
2,4-Dinitrotoluene
Concen: 84.035 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:165 Resp: 172622
Ion Ratio Lower Upper
165 100
63 56.4 42.9 64.3
89 78.7 58.5 87.7
182 2.4 1.8 2.6





#58

Fluorene

Concen: 77.208 ng

RT: 15.531 min Scan# 2118

Delta R.T. 0.003 min

Lab File: BG064214.D

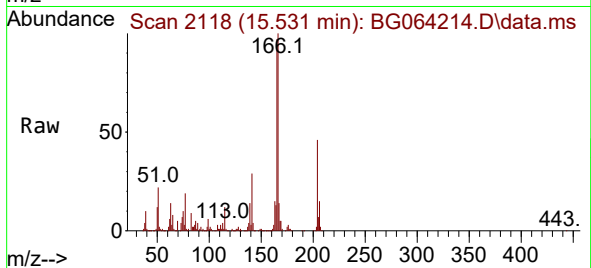
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:166 Resp: 521770

Ion Ratio Lower Upper

166 100

165 96.5 81.7 122.5

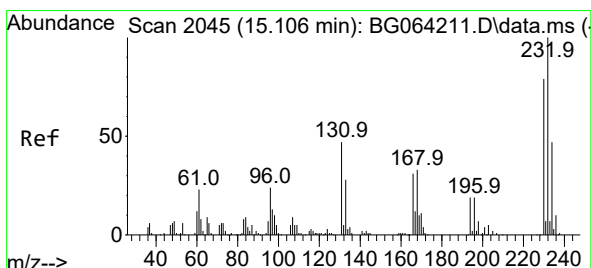
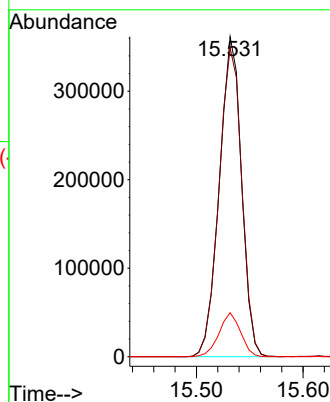
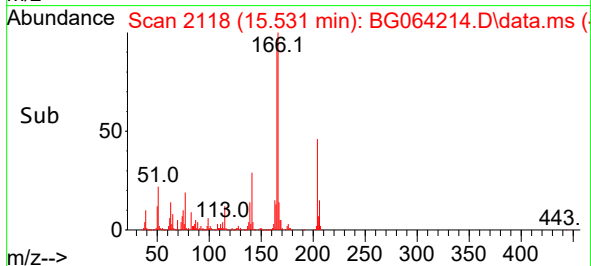
167 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 83.346 ng

RT: 15.108 min Scan# 2046

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:232 Resp: 156563

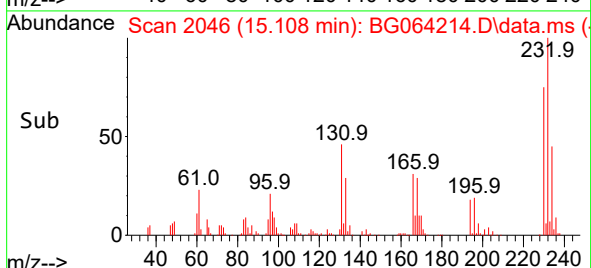
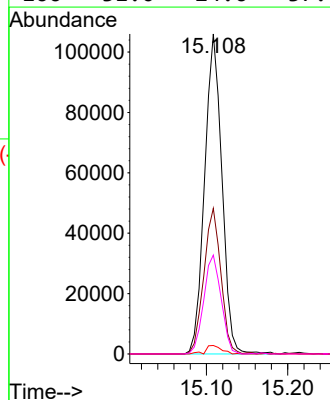
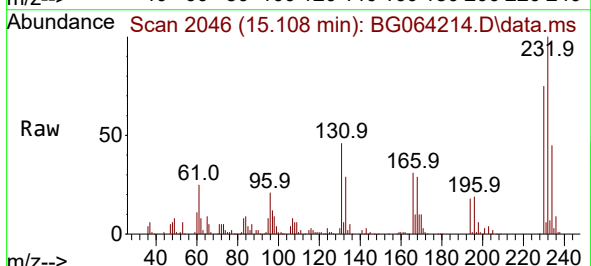
Ion Ratio Lower Upper

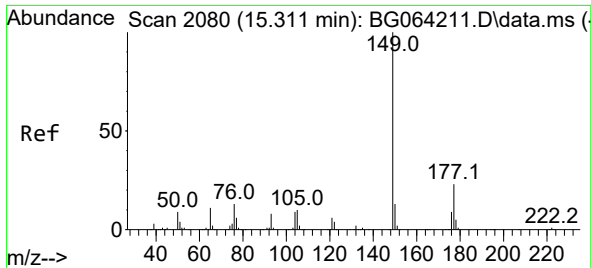
232 100

131 45.0 37.5 56.3

130 2.5 0.9 1.3#

166 31.0 24.6 37.0





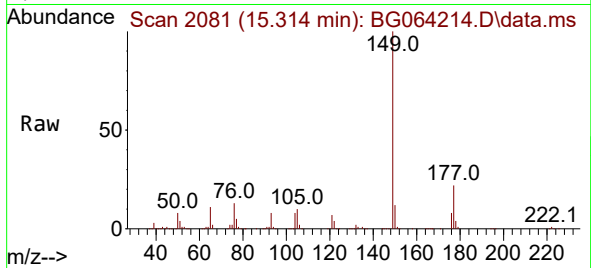
#60
Diethylphthalate
Concen: 76.341 ng
RT: 15.314 min Scan# 2080
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

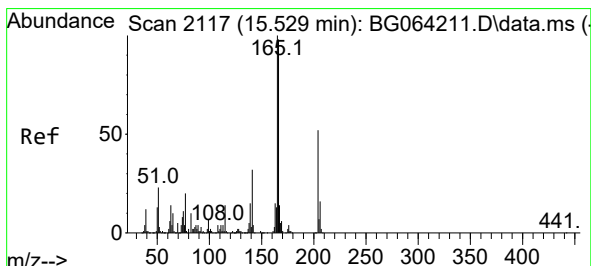
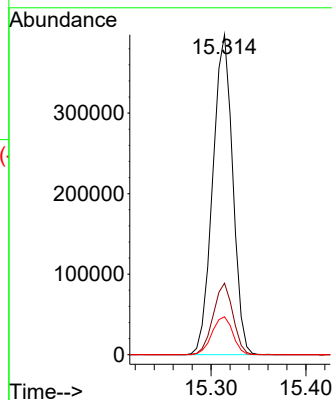
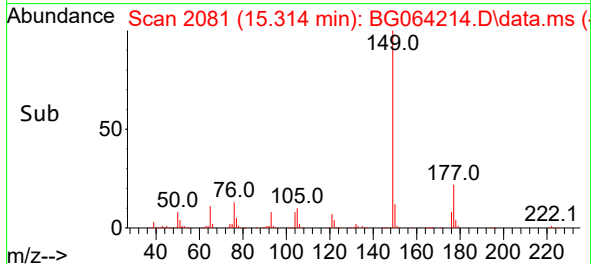


Tgt Ion:149 Resp: 581079
Ion Ratio Lower Upper
149 100
177 22.3 18.7 28.1
150 11.8 10.1 15.1

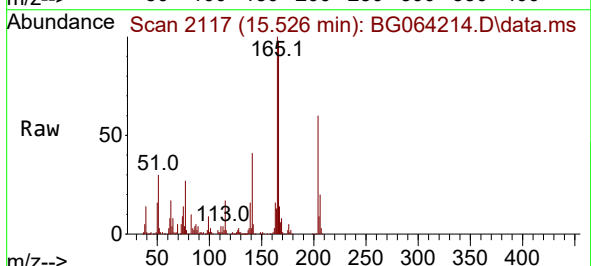
Manual Integrations

APPROVED

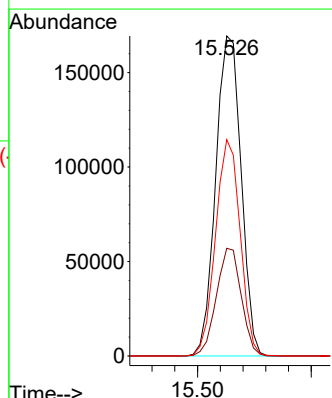
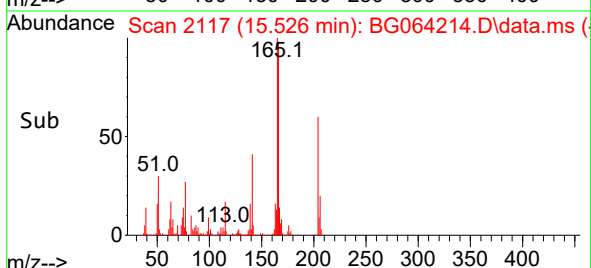
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

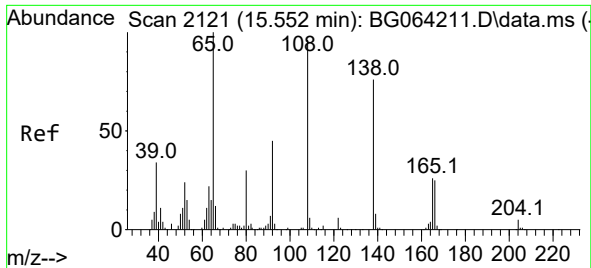


#61
4-Chlorophenyl-phenylether
Concen: 75.493 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:204 Resp: 263287
Ion Ratio Lower Upper
204 100
206 33.7 24.9 37.3
141 67.6 49.3 73.9





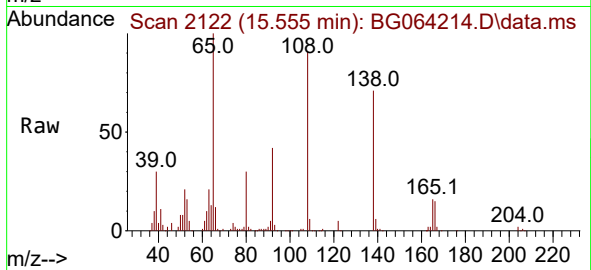
#62
4-Nitroaniline
Concen: 86.826 ng
RT: 15.555 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



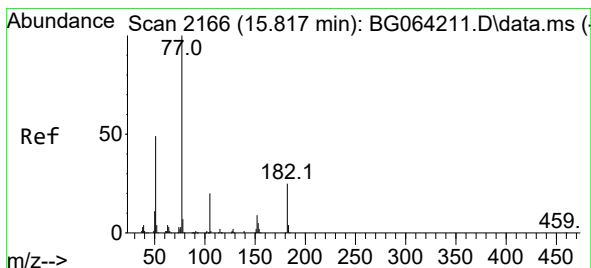
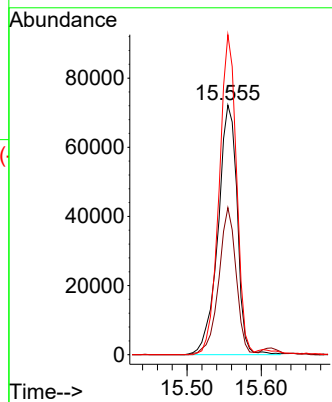
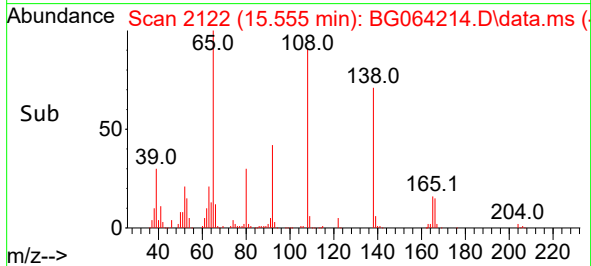
Tgt Ion:138 Resp: 12963
Ion Ratio Lower Upper
138 100
92 58.9 38.8 78.8
108 128.2 106.1 146.1

Manual Integrations

APPROVED

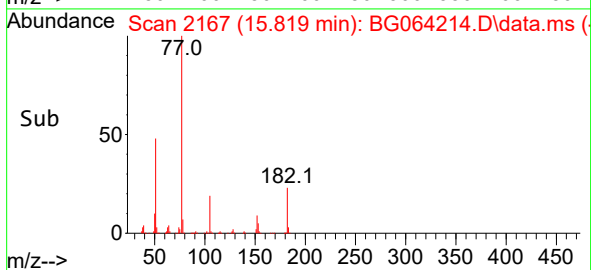
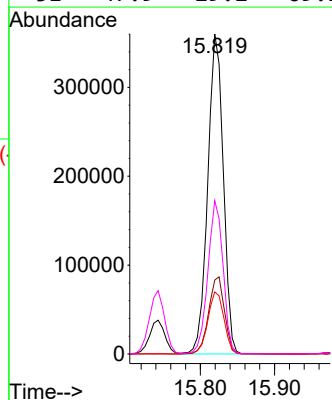
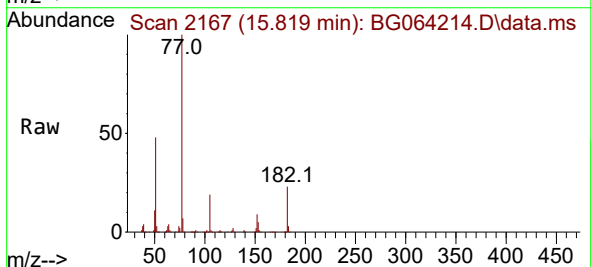
Reviewed By :Rahul Chavli 08/28/2025

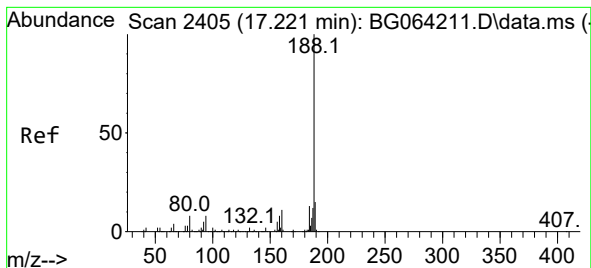
Supervised By :Jagrut Upadhyay 08/28/2025



#63
Azobenzene
Concen: 78.693 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

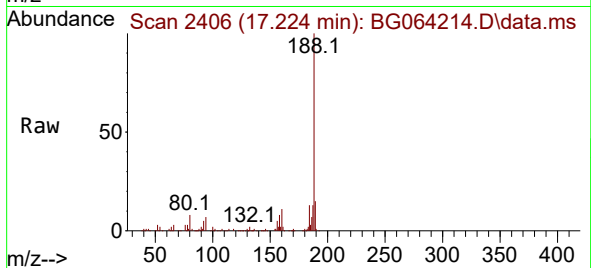
Tgt Ion: 77 Resp: 526355
Ion Ratio Lower Upper
77 100
182 23.1 5.0 45.0
105 19.4 0.1 40.1
51 47.9 29.2 69.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

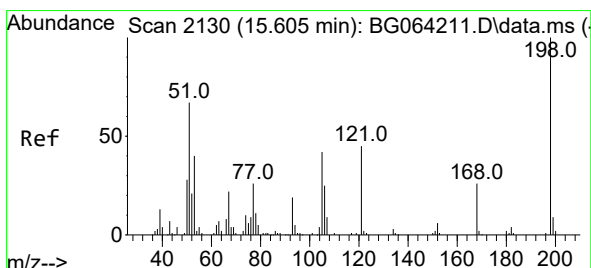
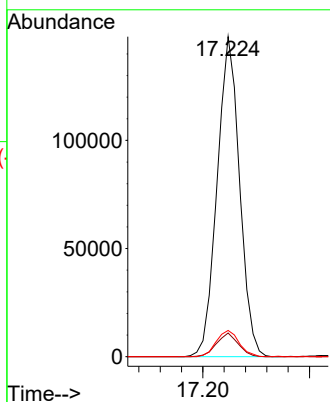
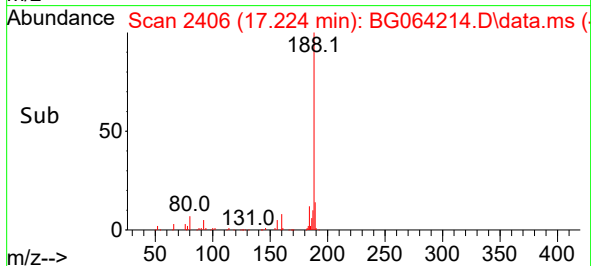
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



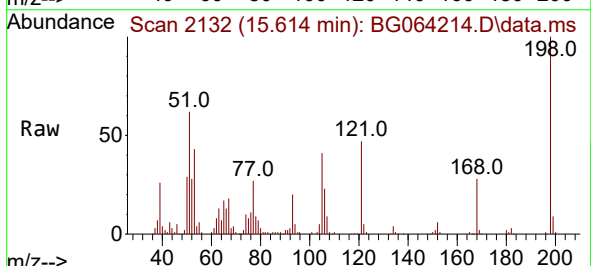
Tgt Ion:188 Resp: 21598
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.2 6.7 10.1

Manual Integrations
APPROVED

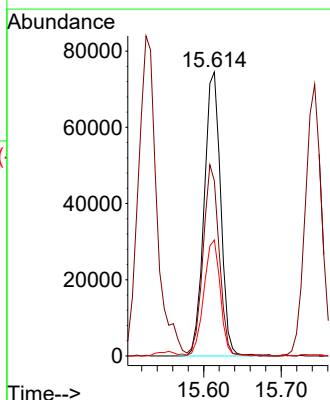
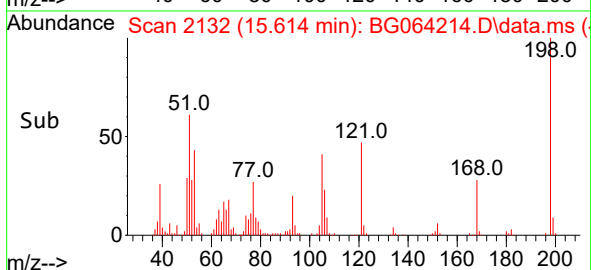
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

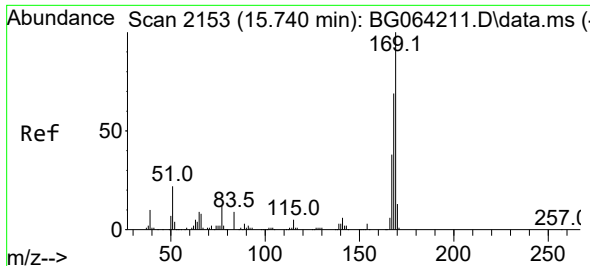


#65
4,6-Dinitro-2-methylphenol
Concen: 89.467 ng
RT: 15.614 min Scan# 2132
Delta R.T. 0.009 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



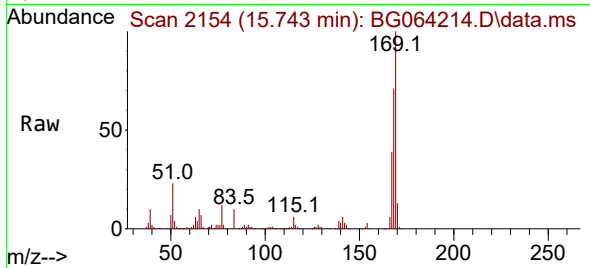
Tgt Ion:198 Resp: 110120
Ion Ratio Lower Upper
198 100
51 61.7 50.1 90.1
105 40.9 22.5 62.5





#66
n-Nitrosodiphenylamine
Concen: 78.284 ng
RT: 15.743 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

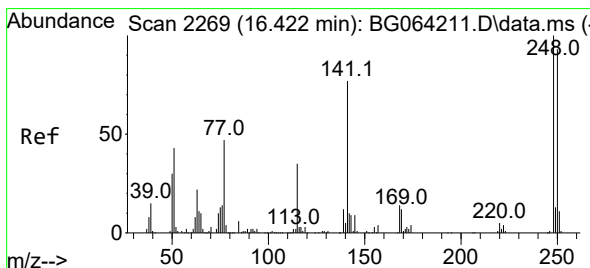
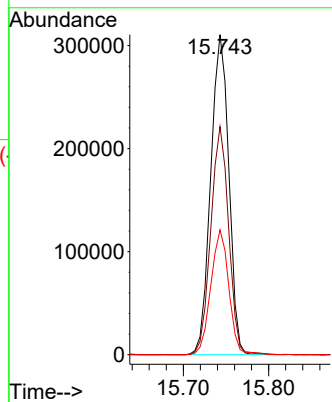
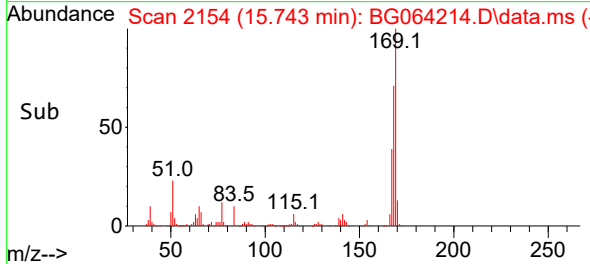
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 457504
Ion Ratio Lower Upper
169 100
168 71.2 54.9 82.3
167 39.0 30.4 45.6

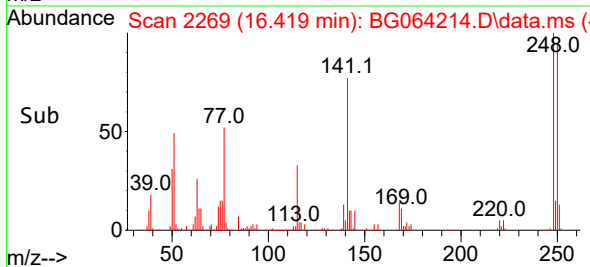
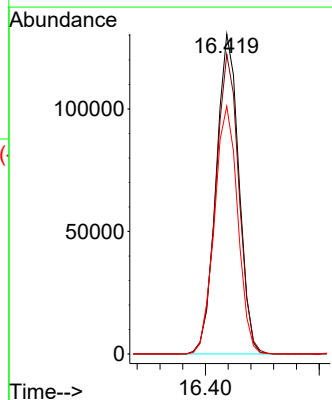
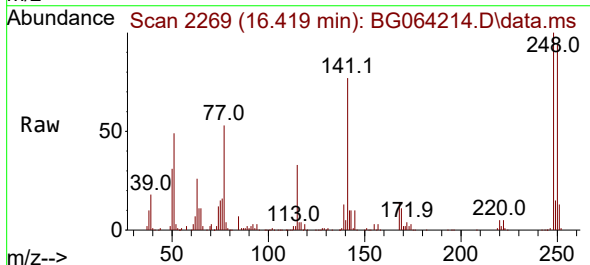
Manual Integrations
APPROVED

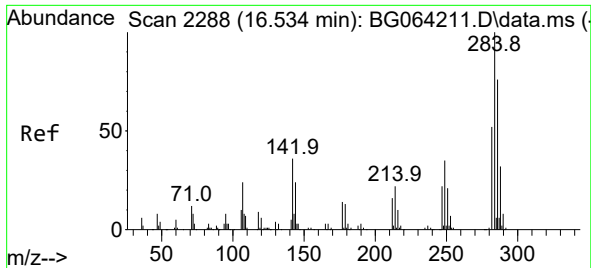
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#67
4-Bromophenyl-phenylether
Concen: 79.751 ng
RT: 16.419 min Scan# 2269
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

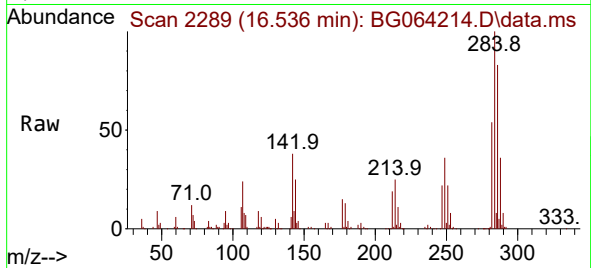
Tgt Ion:248 Resp: 181051
Ion Ratio Lower Upper
248 100
250 93.6 74.1 111.1
141 77.5 61.4 92.2





#68
Hexachlorobenzene
Concen: 79.859 ng
RT: 16.536 min Scan# 2288
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

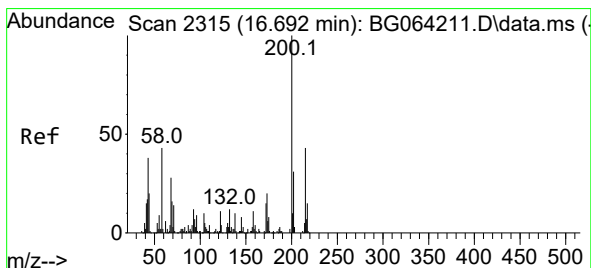
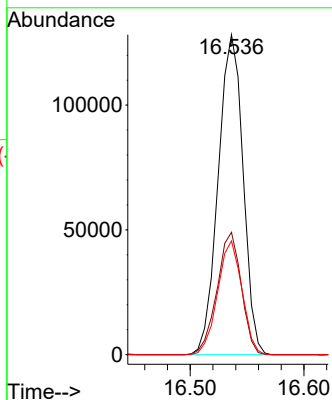
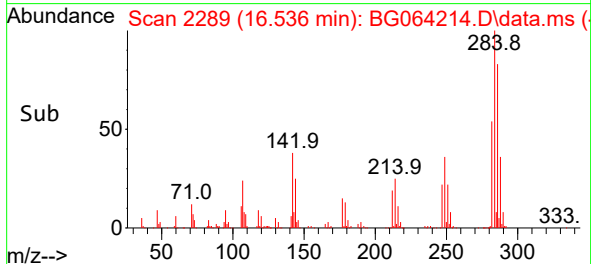
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 194839
Ion Ratio Lower Upper
284 100
142 38.3 29.2 43.8
249 35.6 27.7 41.5

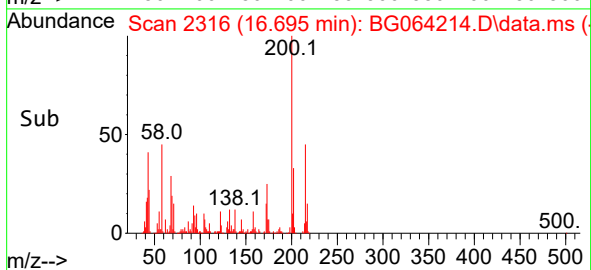
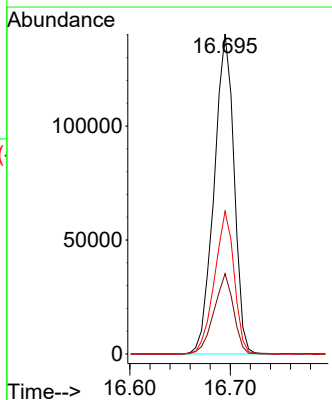
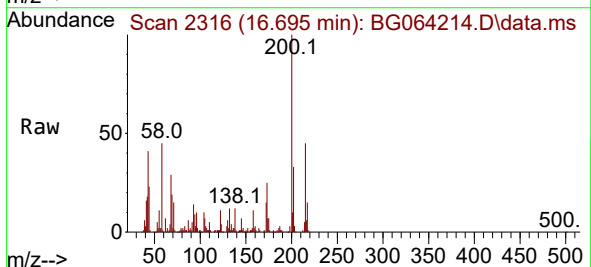
Manual Integrations
APPROVED

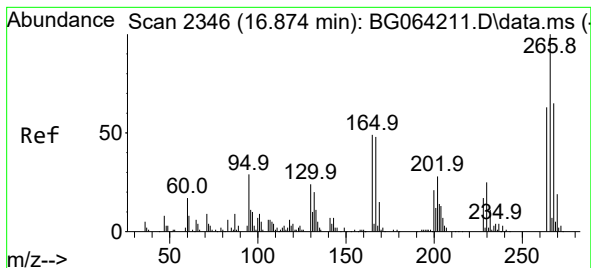
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#69
Atrazine
Concen: 78.341 ng
RT: 16.695 min Scan# 2316
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

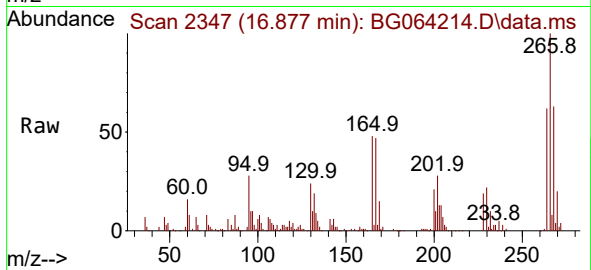
Tgt Ion:200 Resp: 193711
Ion Ratio Lower Upper
200 100
173 25.1 0.4 40.4
215 44.6 23.3 63.3





#70
Pentachlorophenol
Concen: 86.333 ng
RT: 16.877 min Scan# 2141
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

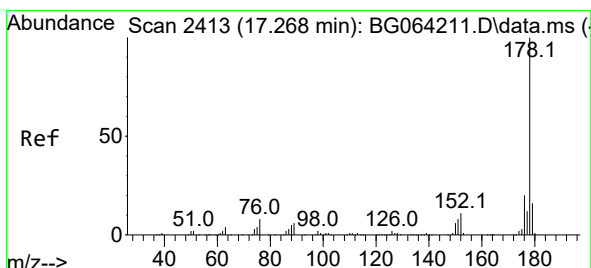
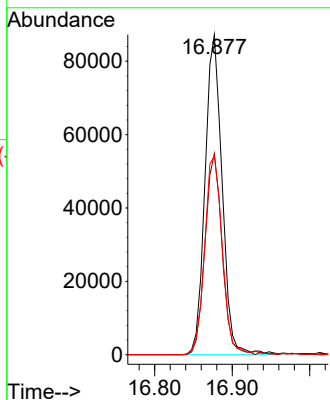
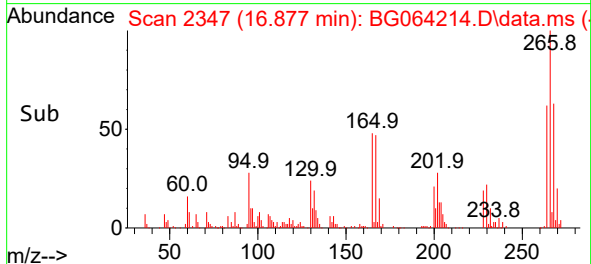
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



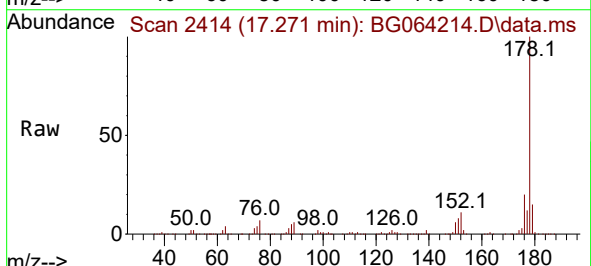
Tgt Ion:266 Resp: 133678
Ion Ratio Lower Upper
266 100
268 62.8 51.9 77.9
264 62.0 50.3 75.5

Manual Integrations
APPROVED

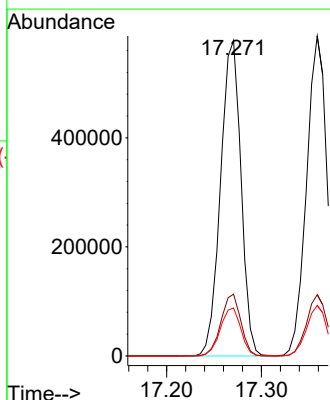
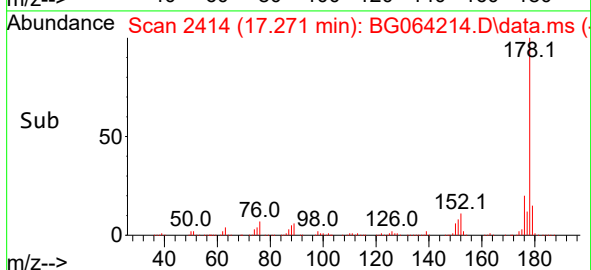
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

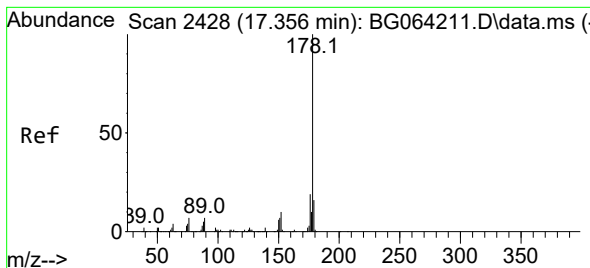


#71
Phenanthrene
Concen: 77.781 ng
RT: 17.271 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:178 Resp: 867708
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.2 12.5 18.7





#72

Anthracene

Concen: 78.232 ng

RT: 17.359 min Scan# 2428

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

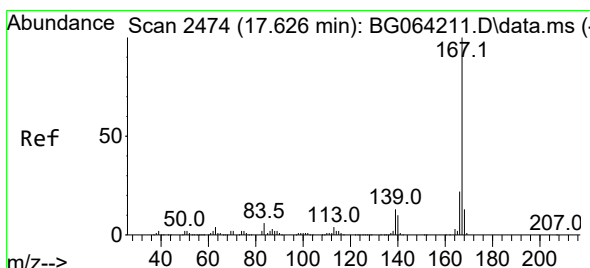
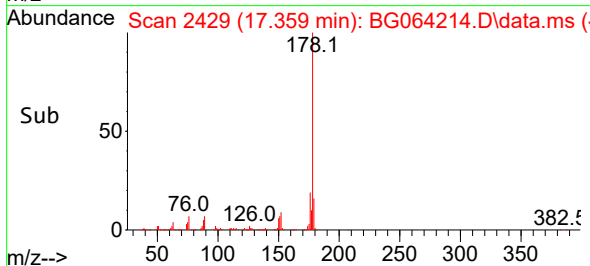
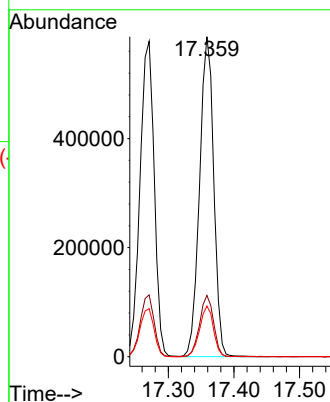
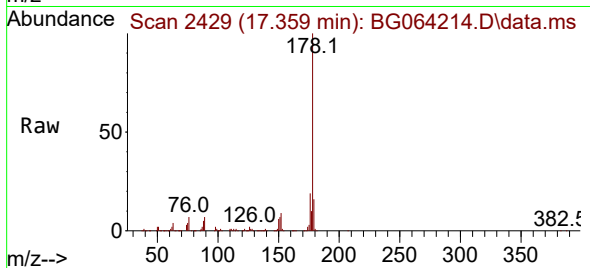
Tgt Ion:178	Resp: 88398
Ion Ratio	Lower Upper
178 100	
176 19.1	15.0 22.6
179 15.8	12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#73

Carbazole

Concen: 77.962 ng

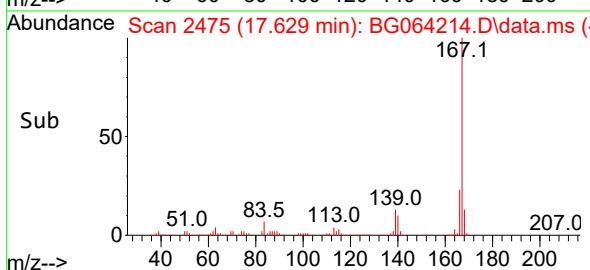
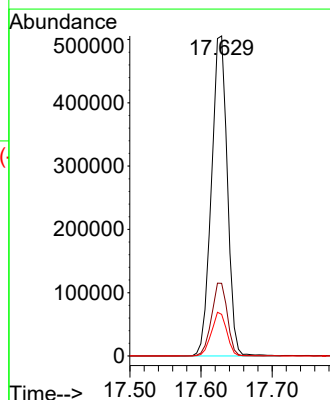
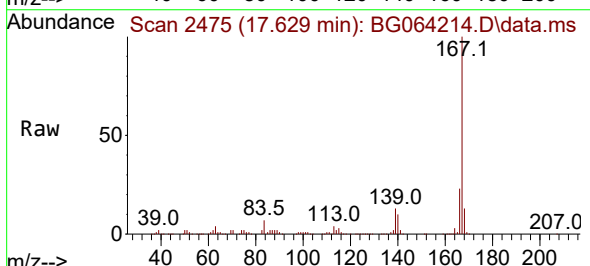
RT: 17.629 min Scan# 2475

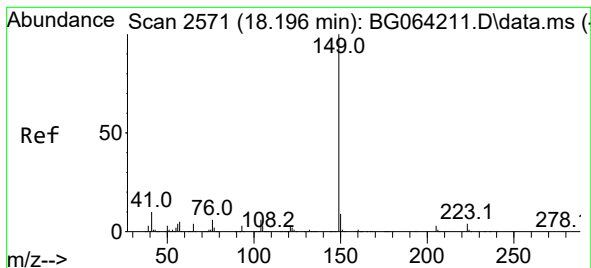
Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:167	Resp: 786657
Ion Ratio	Lower Upper
167 100	
166 22.7	17.9 26.9
139 13.0	10.3 15.5





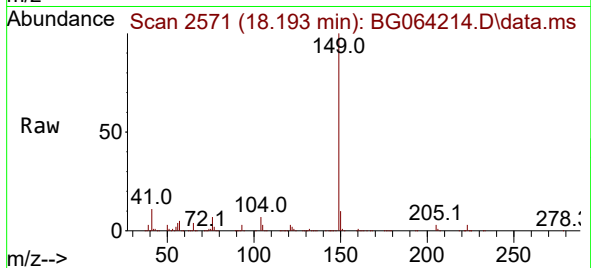
#74
Di-n-butylphthalate
Concen: 79.052 ng
RT: 18.193 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



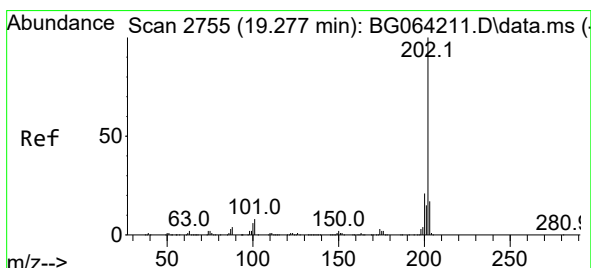
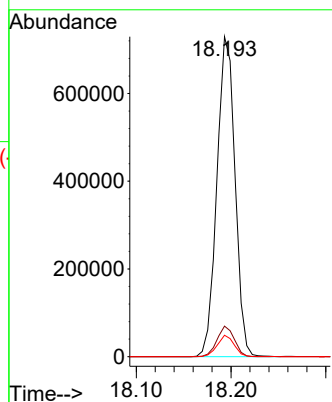
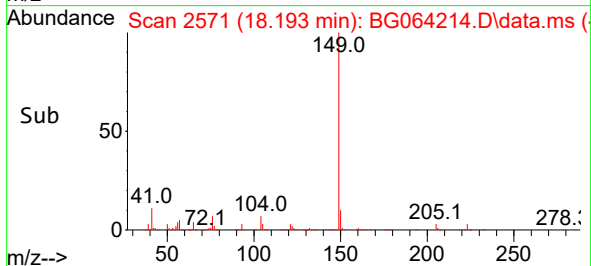
Tgt Ion:149 Resp: 970264
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 6.7 4.7 7.1

Manual Integrations

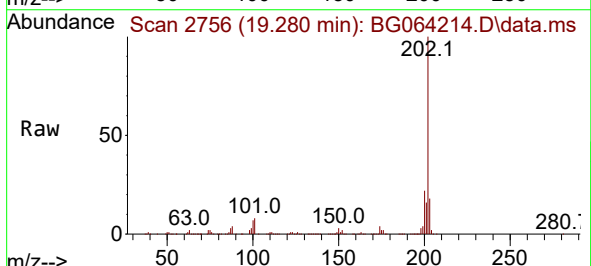
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

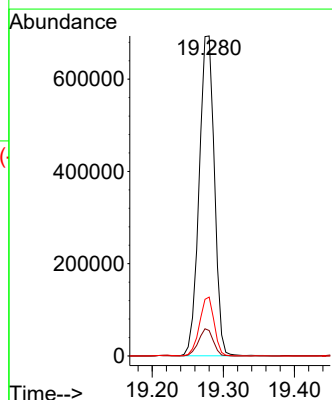
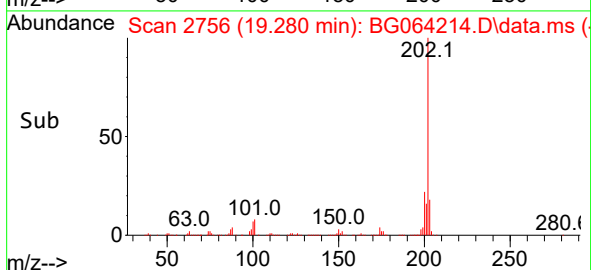
Supervised By :Jagrut Upadhyay 08/28/2025

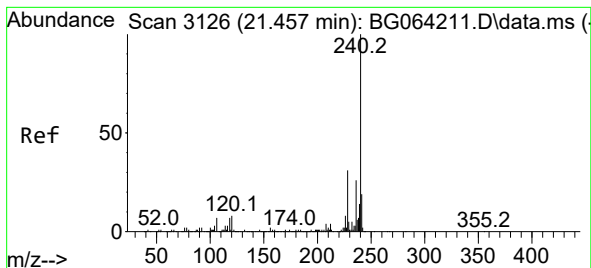


#75
Fluoranthene
Concen: 77.740 ng
RT: 19.280 min Scan# 2756
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58



Tgt Ion:202 Resp: 1036525
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.6
203 18.4 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.460 min Scan# 3126

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 223852

Ion Ratio Lower Upper

240 100

120 6.6 6.6 9.8

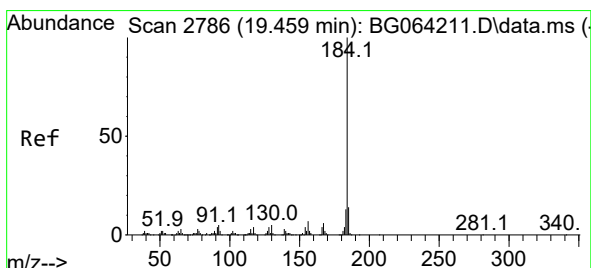
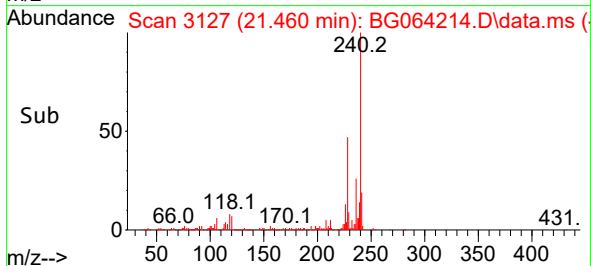
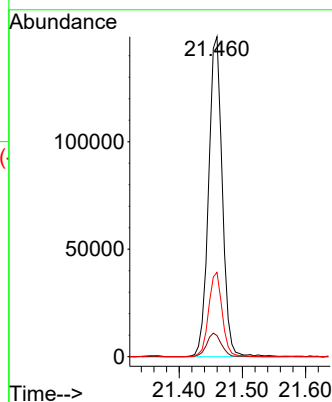
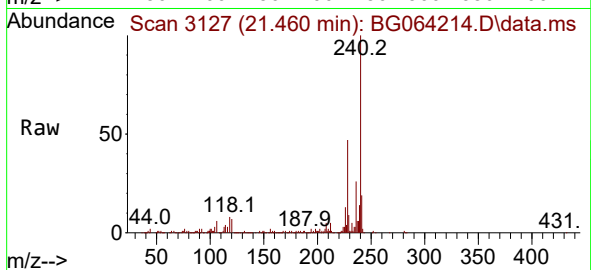
236 26.3 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#77

Benzidine

Concen: 72.629 ng

RT: 19.456 min Scan# 2786

Delta R.T. -0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

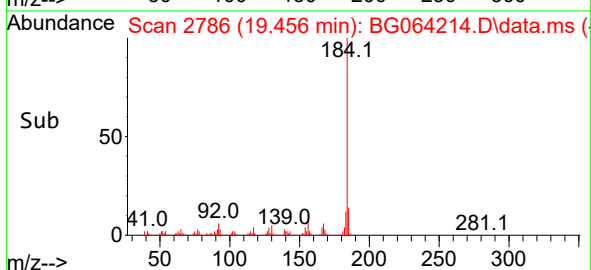
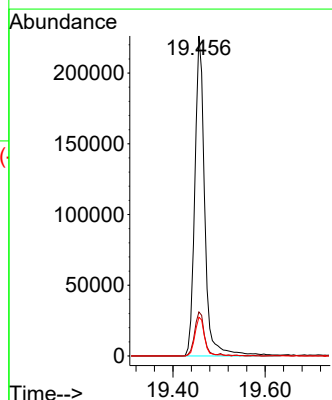
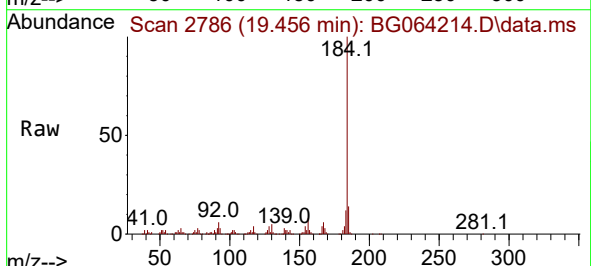
Tgt Ion:184 Resp: 336592

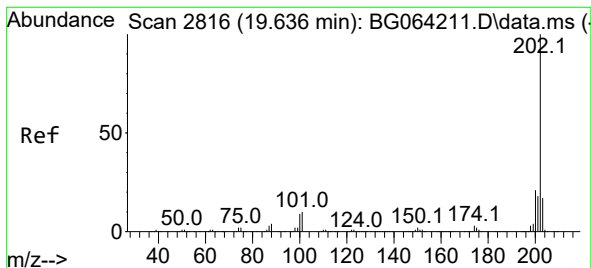
Ion Ratio Lower Upper

184 100

185 13.8 10.9 16.3

183 12.1 10.1 15.1





#78

Pyrene

Concen: 77.400 ng

RT: 19.638 min Scan# 2816

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 107976

Ion Ratio Lower Upper

202 100

200 21.5 16.5 24.7

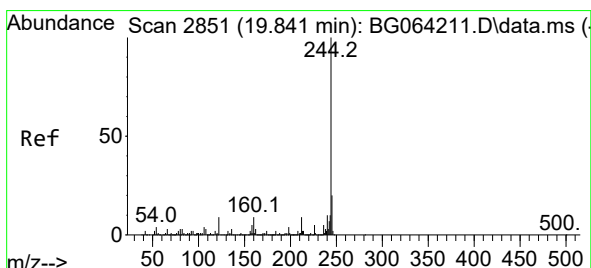
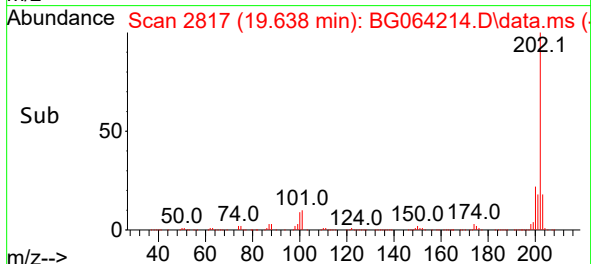
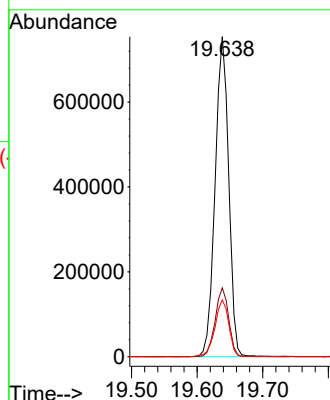
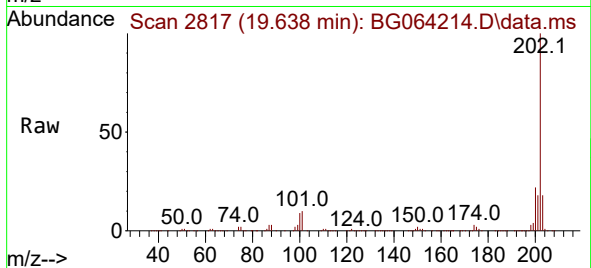
203 17.8 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#79

Terphenyl-d14

Concen: 151.273 ng

RT: 19.844 min Scan# 2852

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

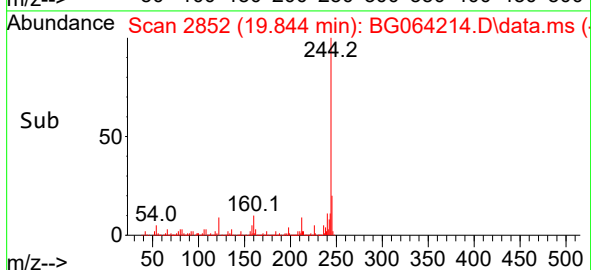
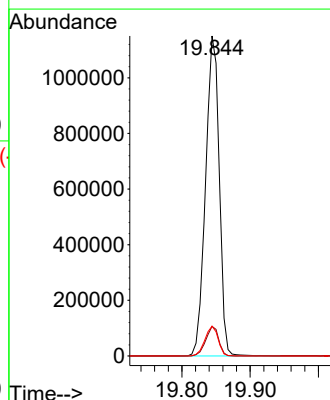
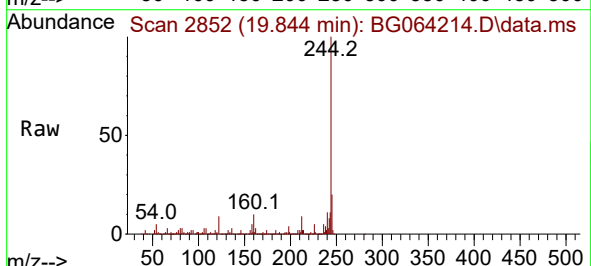
Tgt Ion:244 Resp: 1602610

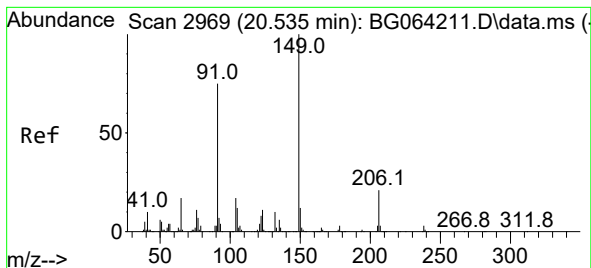
Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

122 9.3 7.0 10.6





#80

Butylbenzylphthalate

Concen: 82.802 ng

RT: 20.537 min Scan# 2969

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 43334

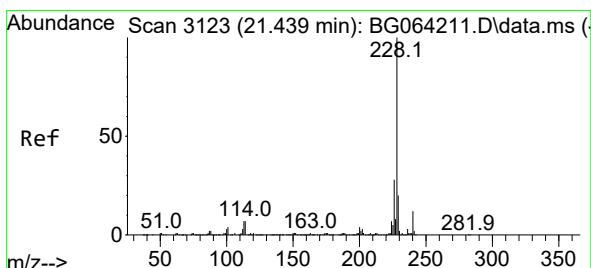
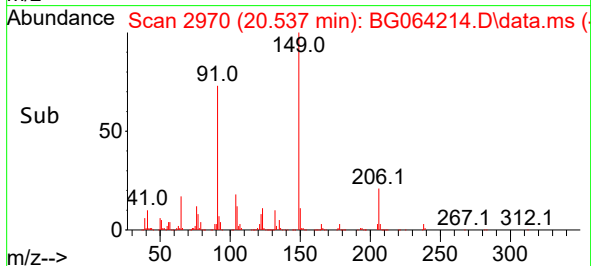
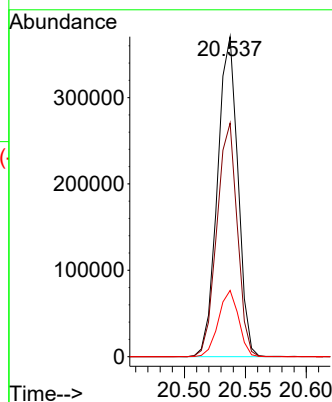
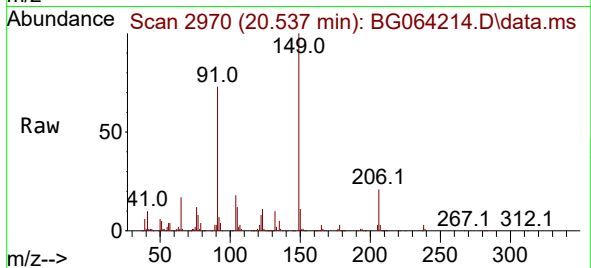
Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.8	89.6
206	20.7	16.7	25.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#81

Benzo(a)anthracene

Concen: 78.429 ng

RT: 21.436 min Scan# 3123

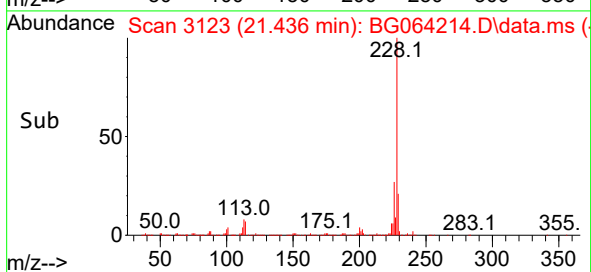
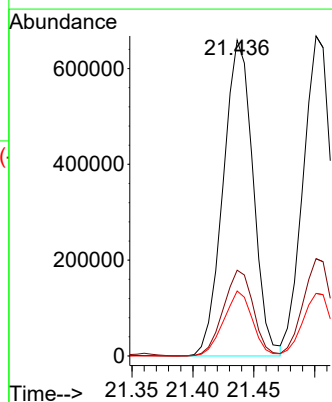
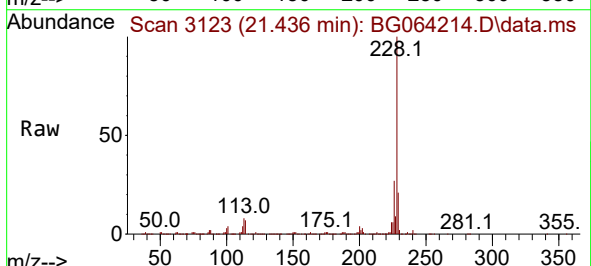
Delta R.T. -0.003 min

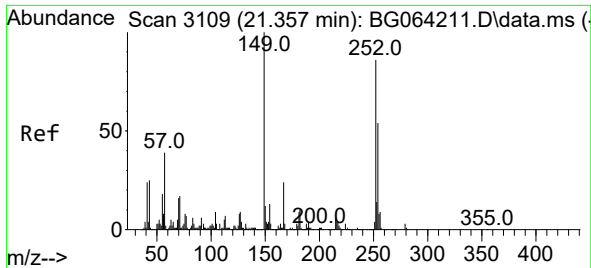
Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:228 Resp: 1121925

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	20.6	15.8	23.8





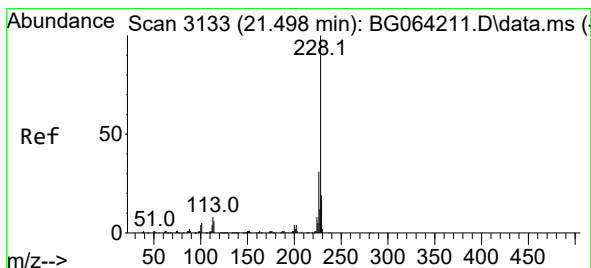
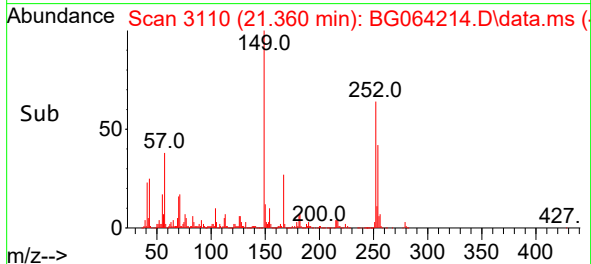
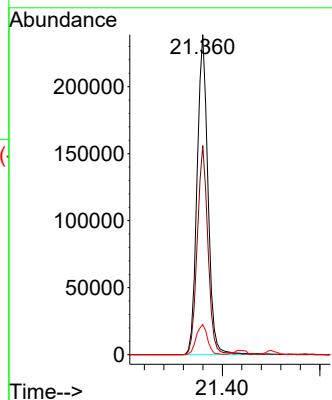
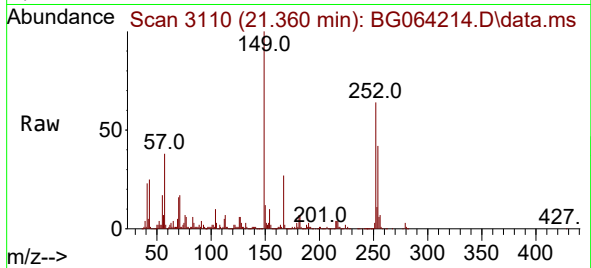
#82
3,3'-Dichlorobenzidine
Concen: 80.573 ng
RT: 21.360 min Scan# 3109
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 371997
Ion Ratio Lower Upper
252 100
254 65.4 50.1 75.1
126 9.4 7.8 11.6

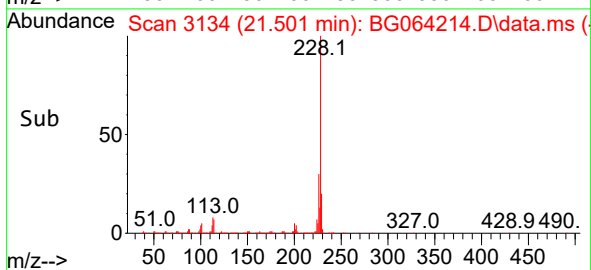
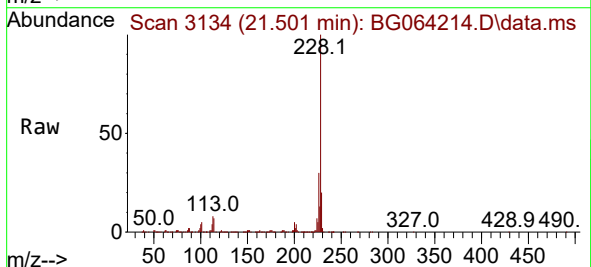
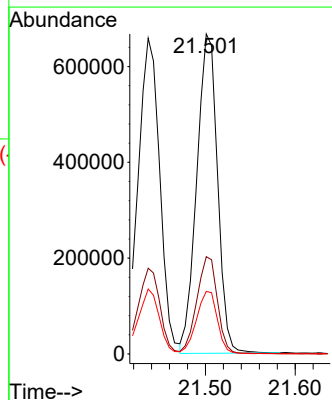
Manual Integrations
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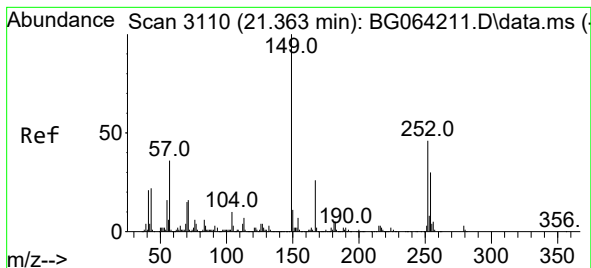
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#83
Chrysene
Concen: 77.872 ng
RT: 21.501 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BG064214.D
Acq: 27 Aug 2025 16:58

Tgt Ion:228 Resp: 1071405
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.5 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 80.295 ng

RT: 21.366 min Scan# 3111

Delta R.T. 0.003 min

Lab File: BG064214.D

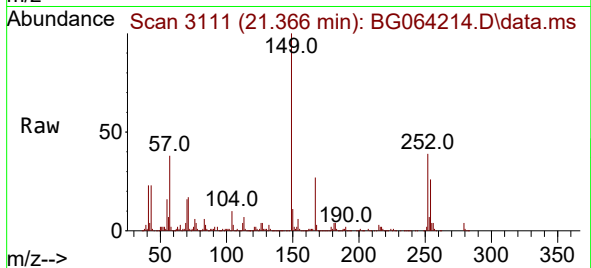
Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:149 Resp: 631448

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

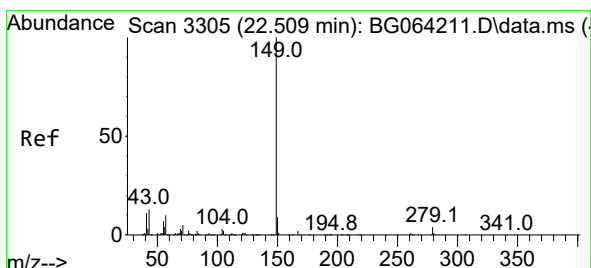
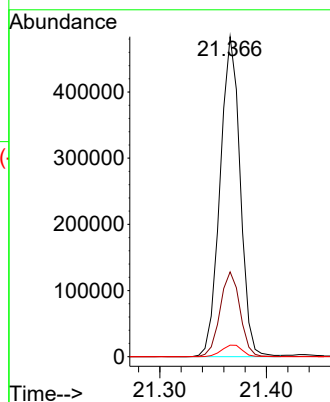
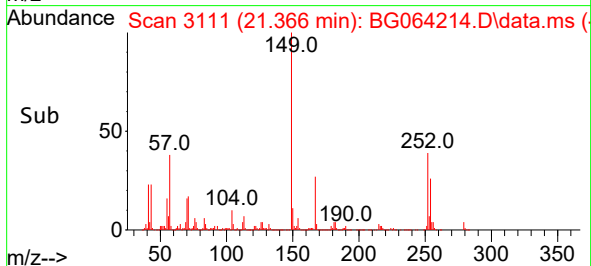
279 3.6 2.3 3.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#85

Di-n-octyl phthalate

Concen: 80.465 ng

RT: 22.506 min Scan# 3305

Delta R.T. -0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

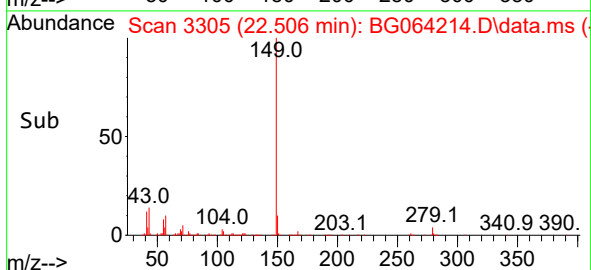
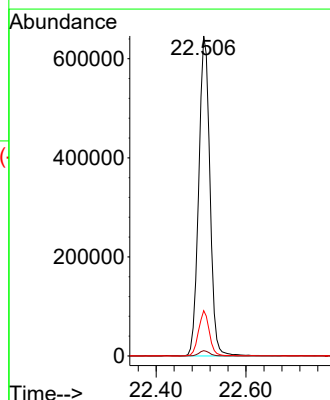
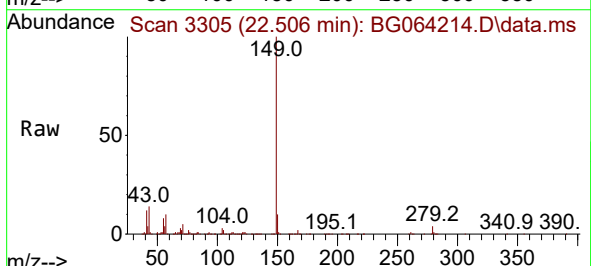
Tgt Ion:149 Resp: 1117463

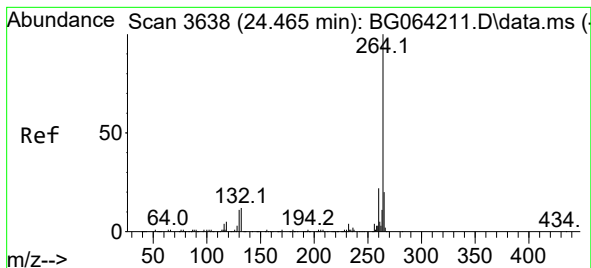
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 10.8 16.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 30

Delta R.T. -0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

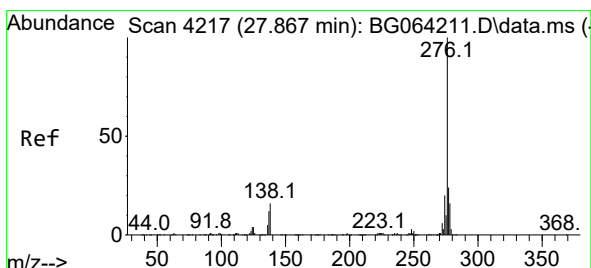
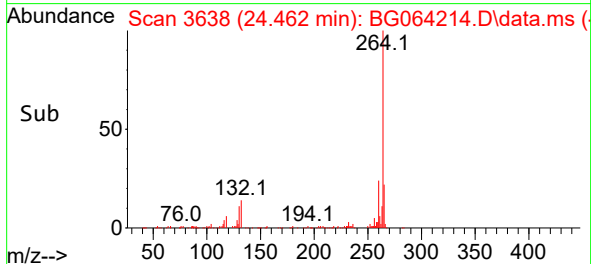
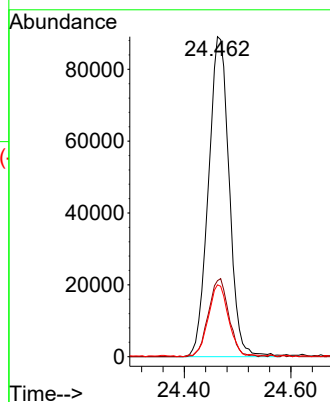
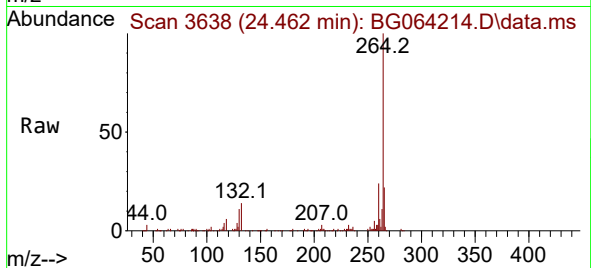
Tgt Ion:	264	Resp:	24096
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.0	27.0
265	22.4	16.3	24.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.112 ng

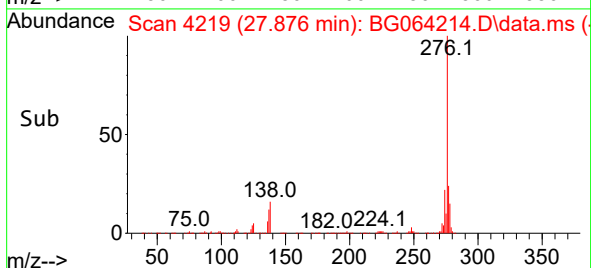
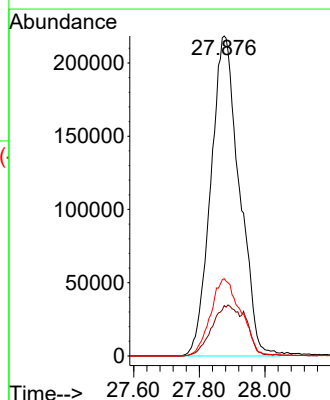
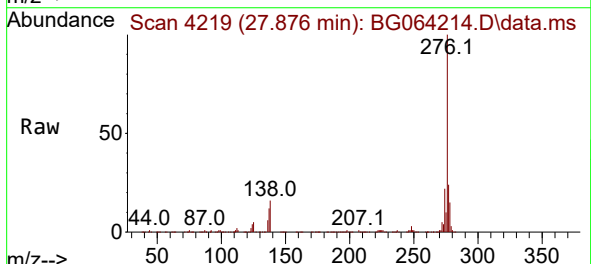
RT: 27.876 min Scan# 4219

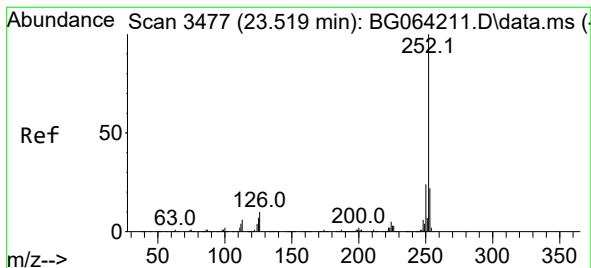
Delta R.T. 0.009 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Tgt Ion:	276	Resp:	1323274
Ion Ratio	Lower	Upper	
276	100		
138	14.3	7.9	11.9#
277	25.5	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 81.131 ng

RT: 23.522 min Scan# 3477

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 109829

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

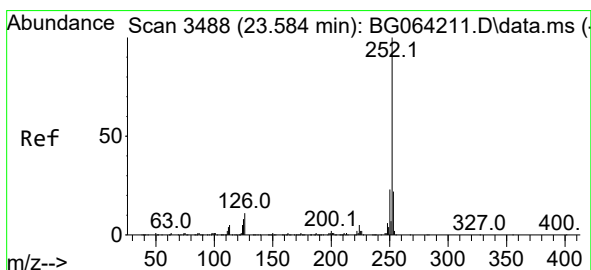
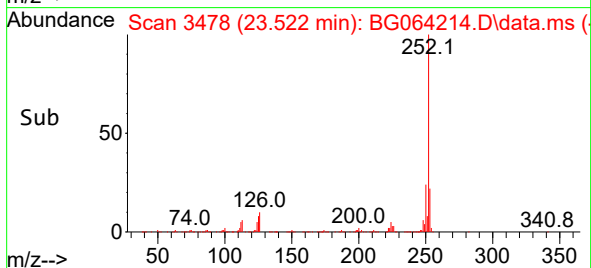
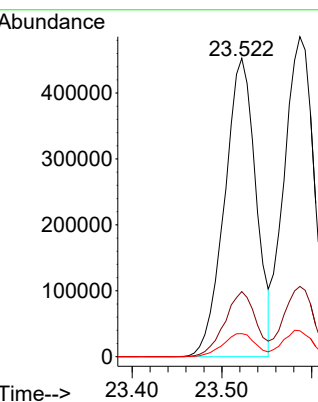
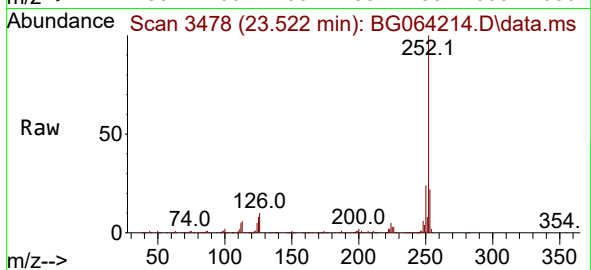
125 7.7 5.5 8.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#89

Benzo(k)fluoranthene

Concen: 81.012 ng

RT: 23.587 min Scan# 3489

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

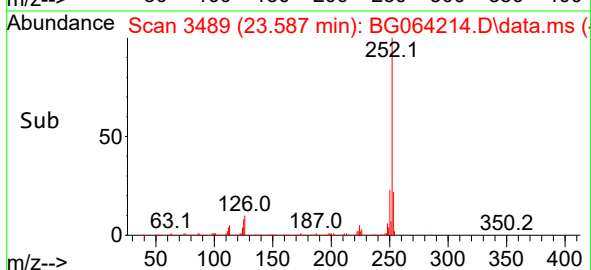
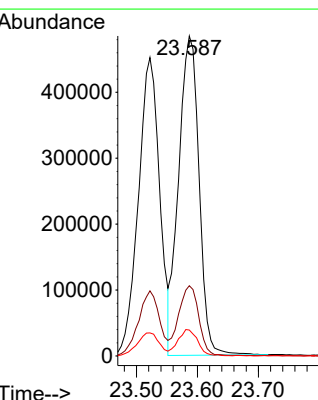
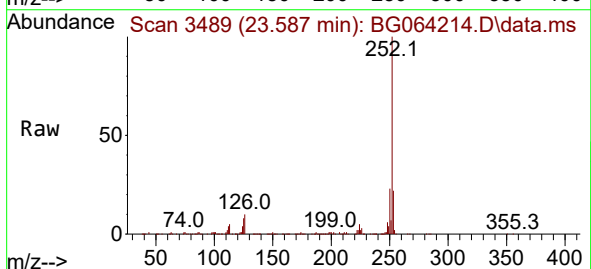
Tgt Ion:252 Resp: 1126435

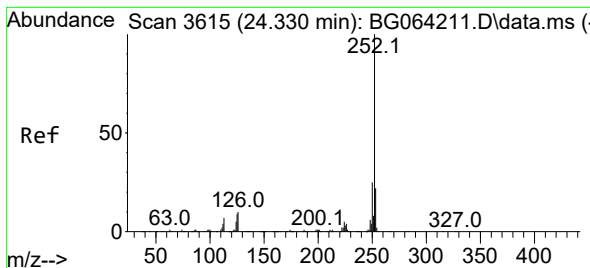
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 8.1 6.6 9.8





#90

Benzo(a)pyrene

Concen: 81.417 ng

RT: 24.333 min Scan# 3616

Delta R.T. 0.003 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1027050

Ion Ratio Lower Upper

252 100

253 21.1 17.7 26.5

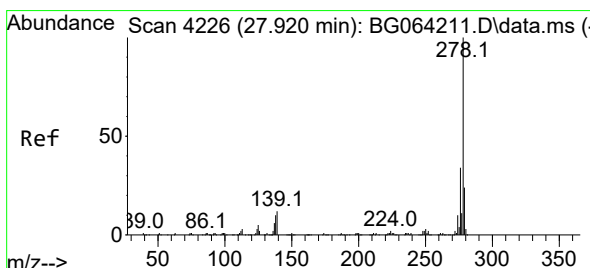
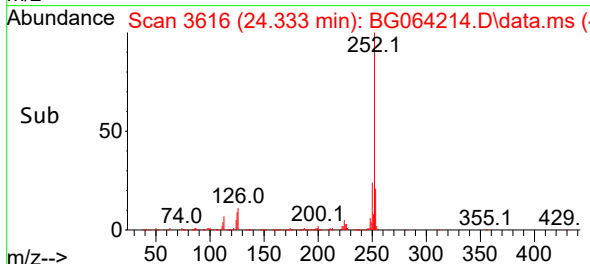
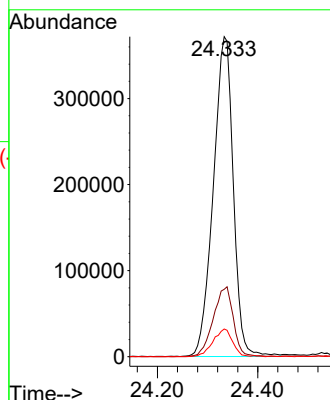
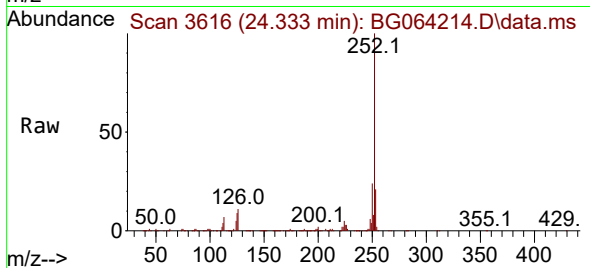
125 8.6 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#91

Dibenzo(a,h)anthracene

Concen: 81.241 ng

RT: 27.935 min Scan# 4229

Delta R.T. 0.014 min

Lab File: BG064214.D

Acq: 27 Aug 2025 16:58

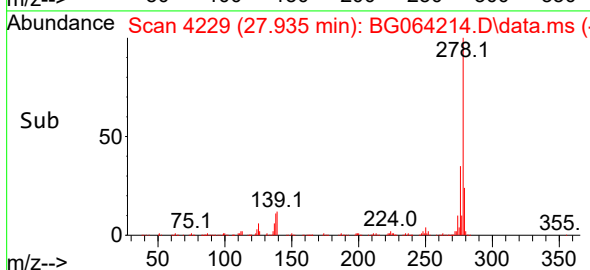
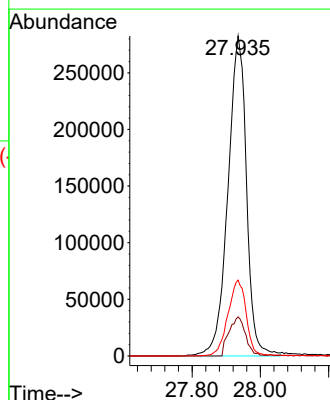
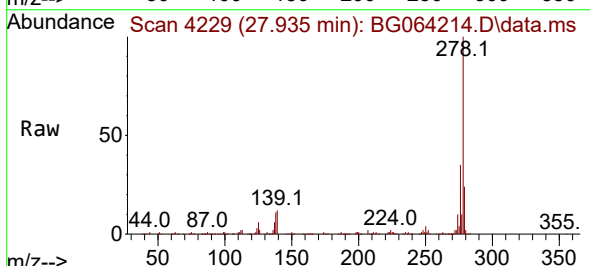
Tgt Ion:278 Resp: 1069393

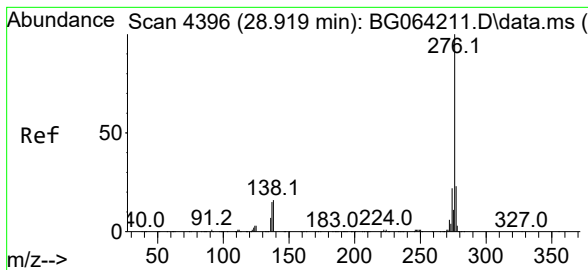
Ion Ratio Lower Upper

278 100

139 12.2 9.8 14.8

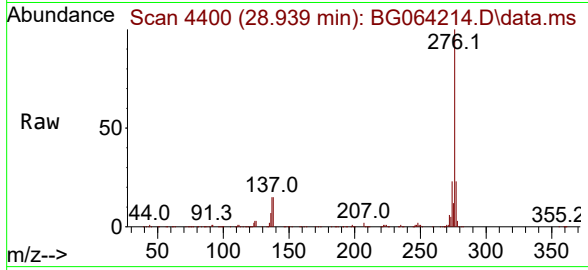
279 23.7 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 80.762 ng
 RT: 28.939 min Scan# 4400
 Delta R.T. 0.020 min
 Lab File: BG064214.D
 Acq: 27 Aug 2025 16:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



Tgt Ion:276 Resp: 102761
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.6 27.8
 138 14.8 12.4 18.6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025

