

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.529	93	157683	38.118	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.635	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.445	107	48801	38.945	ng	95
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	98450m	41.336	ng	
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	62191m	37.924	ng	
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.729	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

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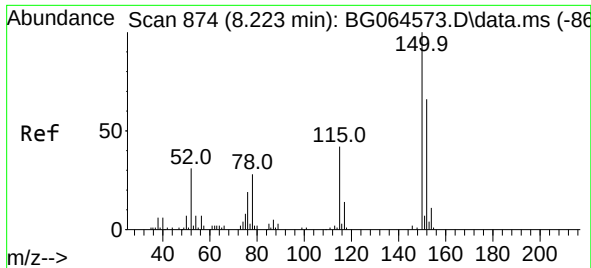
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng	99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng	99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng	97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng	96
49) Acenaphthylene	14.568	152	435836	41.457	ng	98
50) Dimethylphthalate	14.292	163	350600	36.890	ng	100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng	100
52) Acenaphthene	14.908	154	253833	35.340	ng	98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng	99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	# 56
55) Dibenzofuran	15.237	168	419154	36.096	ng	97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng	92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng	96
58) Fluorene	15.890	166	328636	36.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng	97
60) Diethylphthalate	15.649	149	348964	35.961	ng	99
61) 4-Chlorophenyl-phenyle...	15.878	204	182714	35.902	ng	99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng	97
63) Azobenzene	16.172	77	323432	36.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng	94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng	98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng	97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng	96
69) Atrazine	17.024	200	130007	38.558	ng	96
70) Pentachlorophenol	17.223	266	85166	34.829	ng	90
71) Phenanthrene	17.623	178	569825	35.925	ng	99
72) Anthracene	17.717	178	584246	36.210	ng	99
73) Carbazole	17.975	167	498849	35.061	ng	99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng	99
75) Fluoranthene	19.621	202	676996	34.070	ng	99
77) Benzidine	19.785	184	356547	54.203	ng	99
78) Pyrene	19.979	202	693068	36.130	ng	99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng	98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng	99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng	96
83) Chrysene	21.906	228	658217	35.533	ng	98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng	96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng	99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng	99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng	99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng	99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng	98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng	96
92) Benzo(g,h,i)perylene	29.045	276	820974	36.366	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

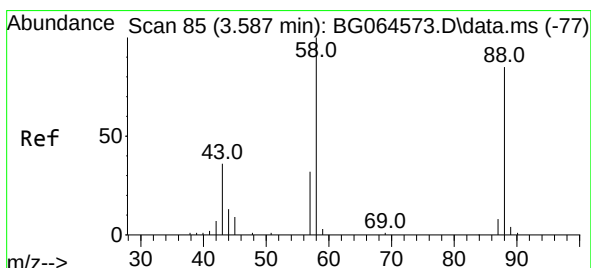
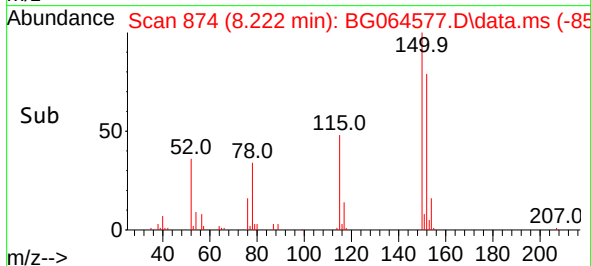
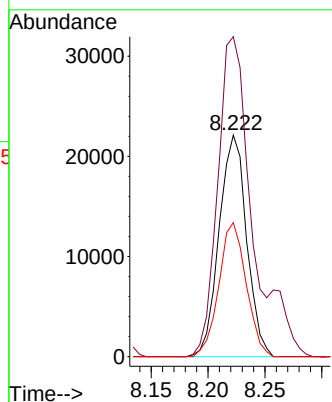
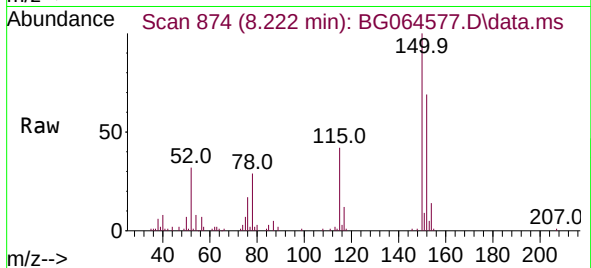
ICVBG102425

Tgt Ion:152 Resp: 37186
Ion Ratio Lower Upper
152 100
150 144.5 122.2 183.4
115 60.5 50.8 76.2

Manual Integrations

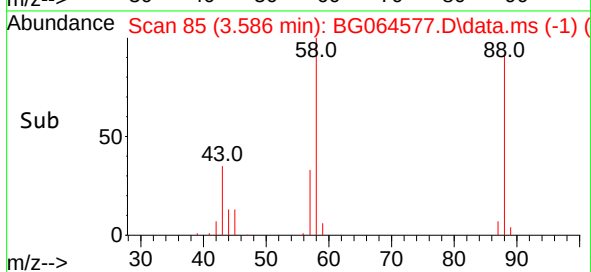
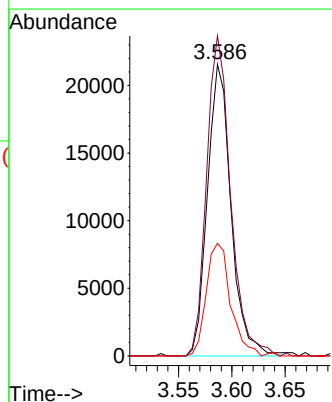
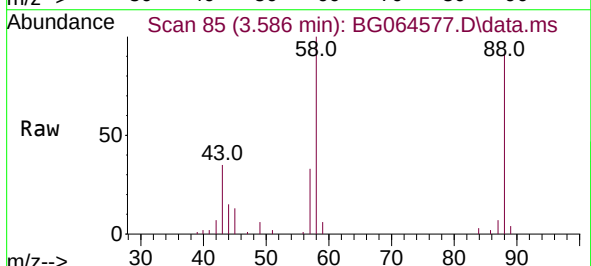
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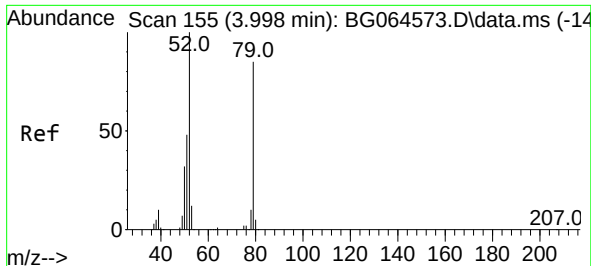
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172
Ion Ratio Lower Upper
88 100
58 111.8 92.4 138.6
43 40.1 33.0 49.6





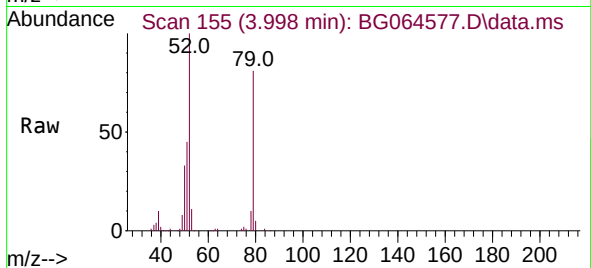
#3
Pyridine
Concen: 33.313 ng
RT: 3.998 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

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BNA_G

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ICVBG102425



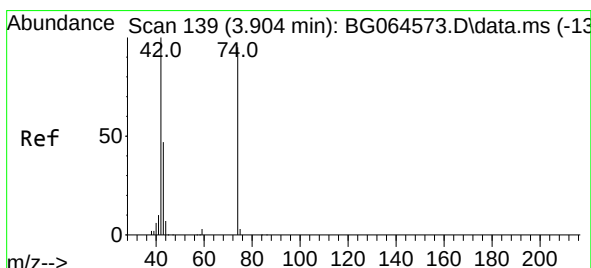
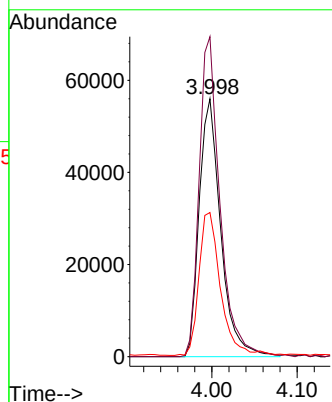
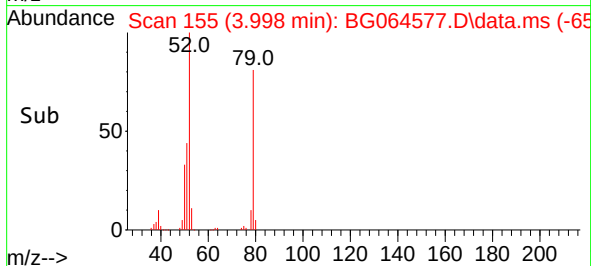
Tgt Ion: 79 Resp: 98123
Ion Ratio Lower Upper
79 100
52 124.1 94.2 141.2
51 55.8 46.1 69.1

Manual Integrations

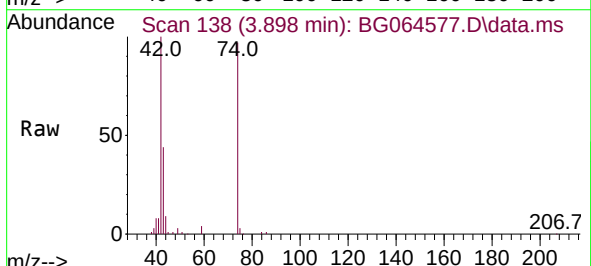
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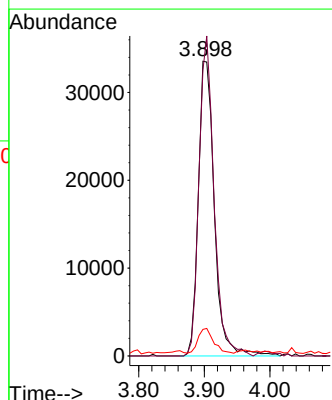
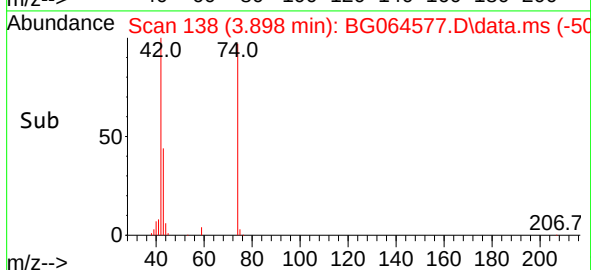
Supervised By :Jagrut Upadhyay 10/27/2025

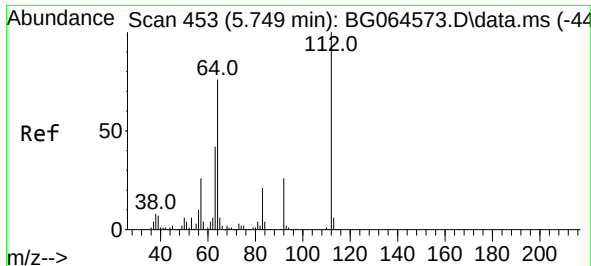


#4
n-Nitrosodimethylamine
Concen: 36.025 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



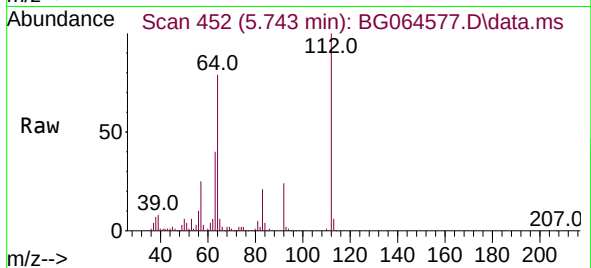
Tgt Ion: 42 Resp: 56903
Ion Ratio Lower Upper
42 100
74 97.0 76.1 114.1
44 9.0 6.3 9.5





#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

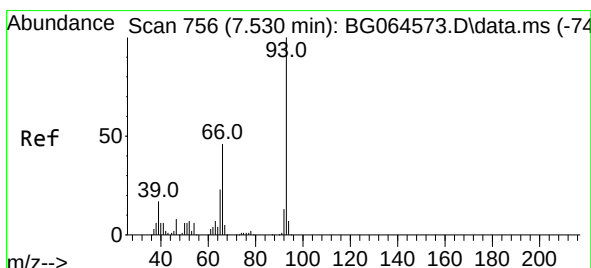
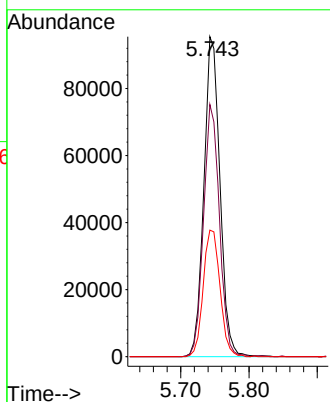
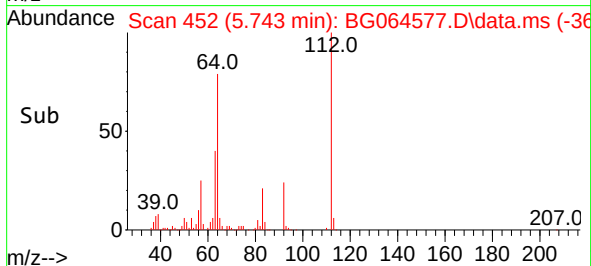
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:112 Resp: 156266
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 39.5 33.4 50.0

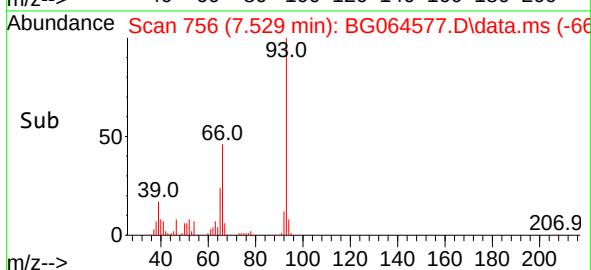
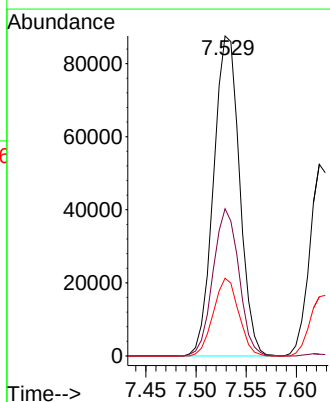
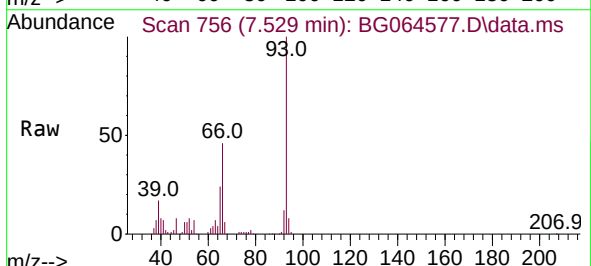
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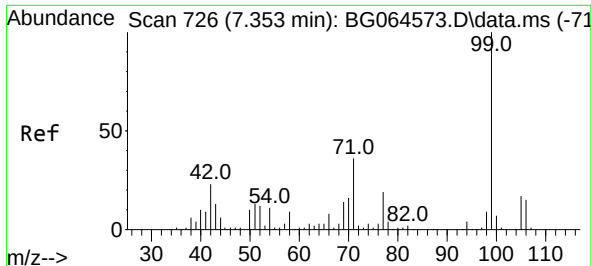
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
66 46.0 37.0 55.6
65 24.3 18.3 27.5





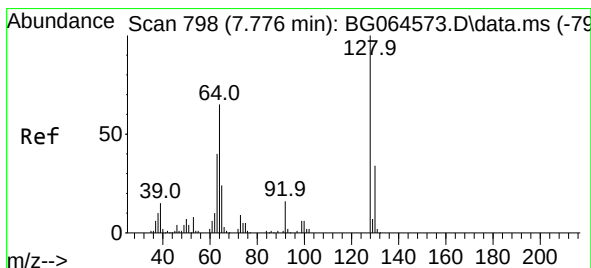
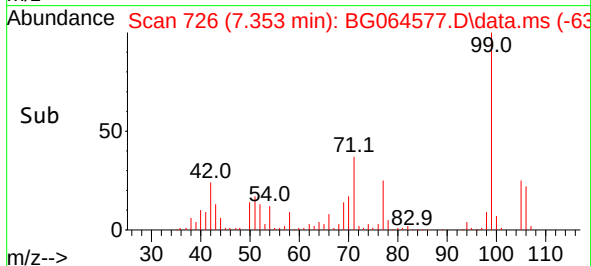
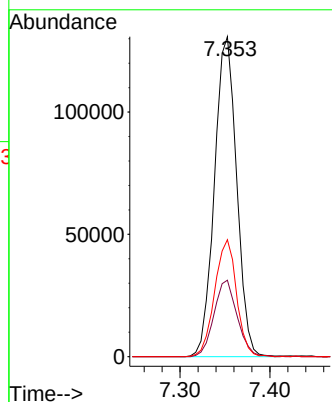
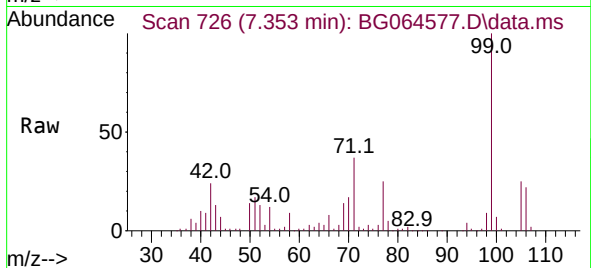
#7
Phenol-d6
Concen: 74.109 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
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ClientSampleId :
ICVBG102425

Tgt Ion: 99 Resp: 225294
Ion Ratio Lower Upper
99 100
42 23.9 18.3 27.5
71 36.5 28.6 43.0

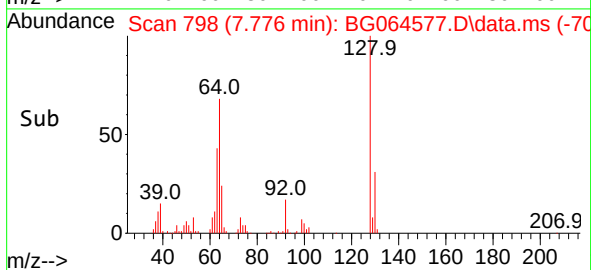
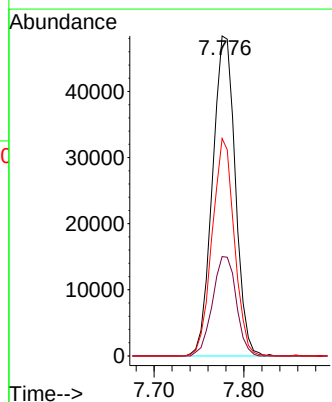
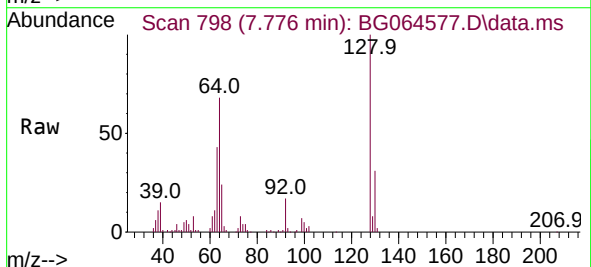
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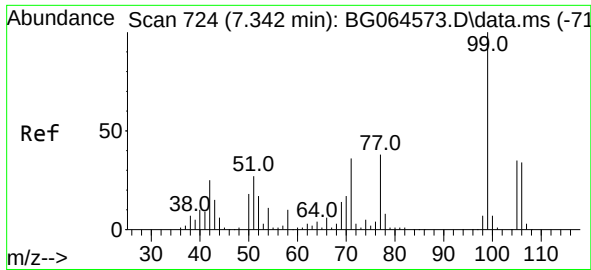
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 36.981 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

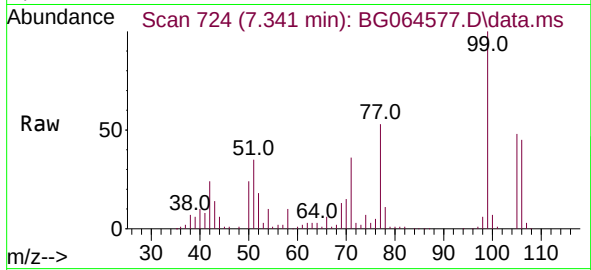
Tgt Ion:128 Resp: 85755
Ion Ratio Lower Upper
128 100
130 31.0 13.5 53.5
64 67.9 45.2 85.2





#9
Benzaldehyde
Concen: 50.923 ng
RT: 7.341 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

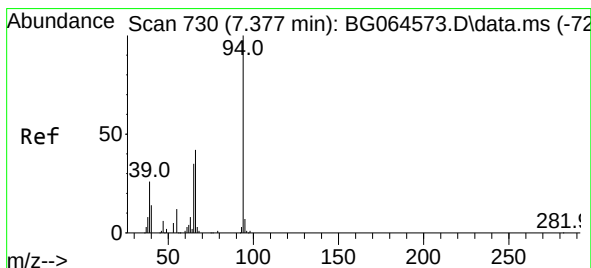
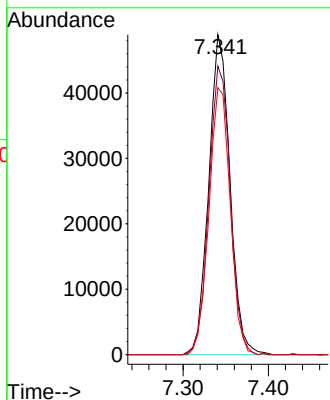
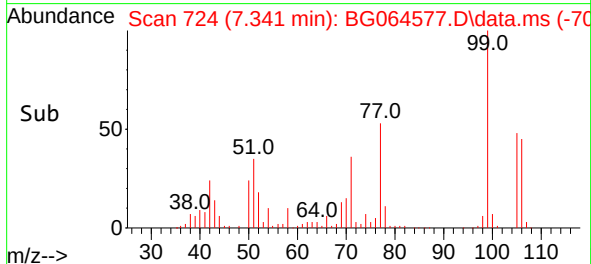
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



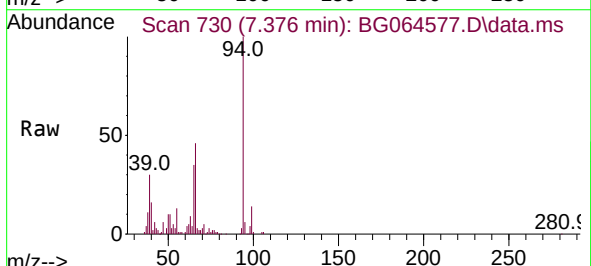
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Ion Ratio Lower Upper
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105 90.1 72.9 112.9
106 83.4 70.8 110.8

Manual Integrations
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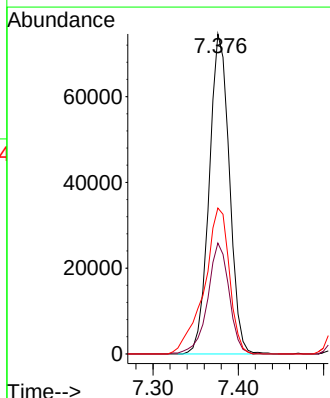
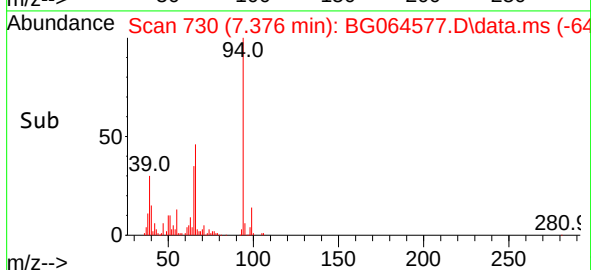
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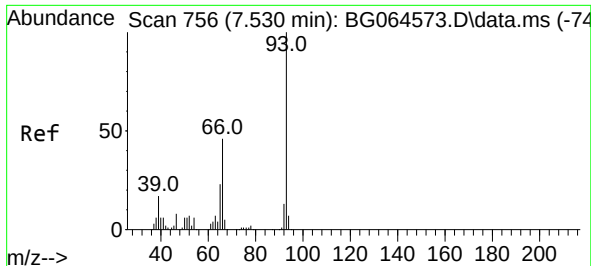


#10
Phenol
Concen: 36.410 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion: 94 Resp: 122412
Ion Ratio Lower Upper
94 100
65 34.6 15.8 55.8
66 45.6 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 38.118 ng

RT: 7.529 min Scan# 756

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 93 Resp: 157683

Ion Ratio Lower Upper

93 100

63 7.0 0.0 27.4

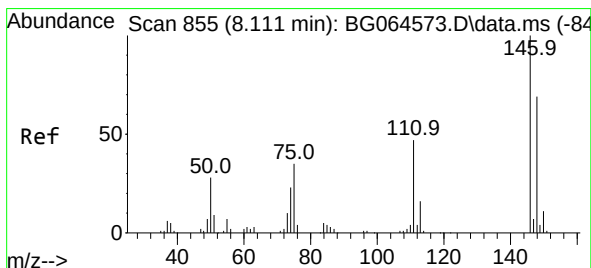
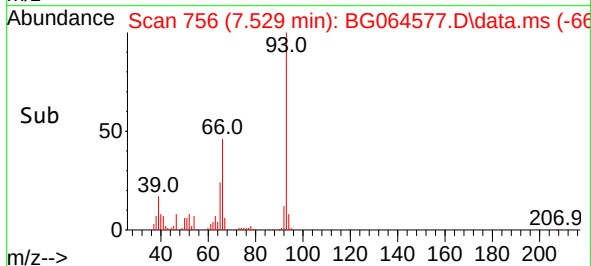
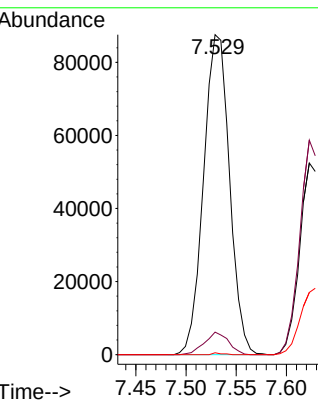
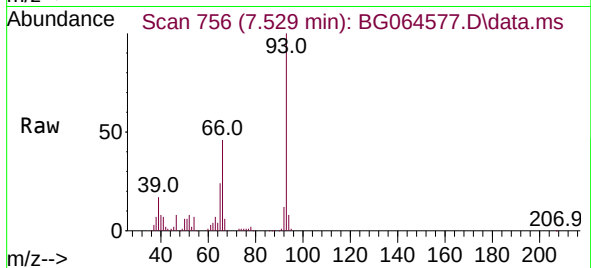
95 0.6 0.0 20.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#12

1,3-Dichlorobenzene

Concen: 36.085 ng

RT: 8.111 min Scan# 855

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

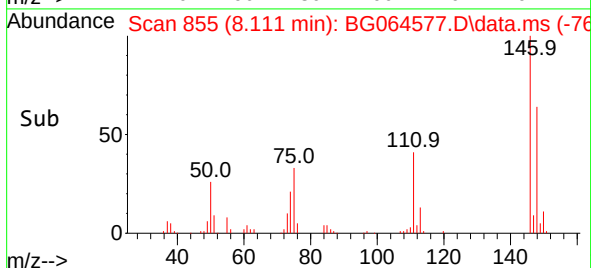
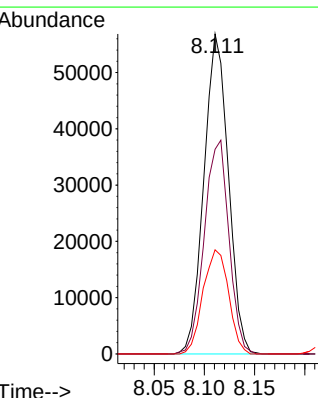
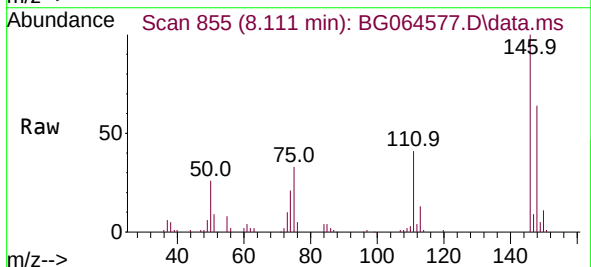
Tgt Ion:146 Resp: 96308

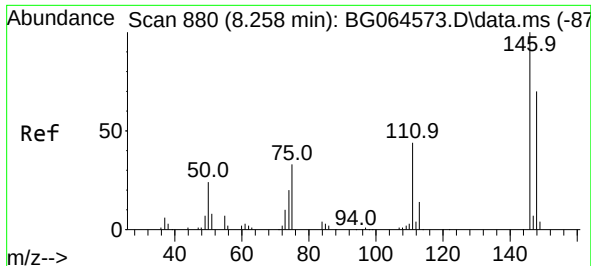
Ion Ratio Lower Upper

146 100

148 63.9 55.3 82.9

75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 37.635 ng

RT: 8.257 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

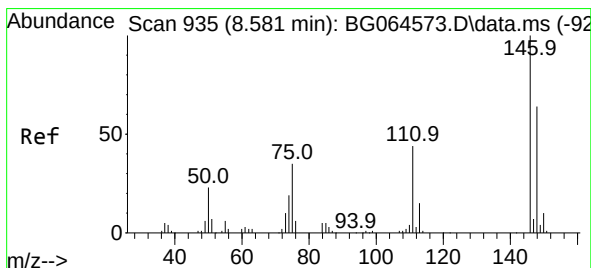
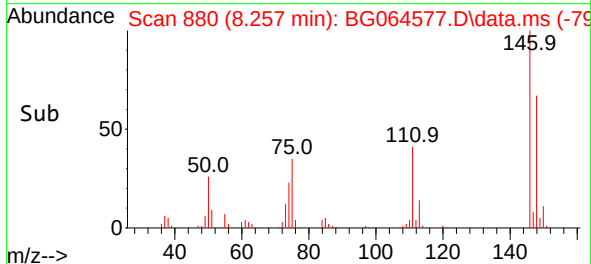
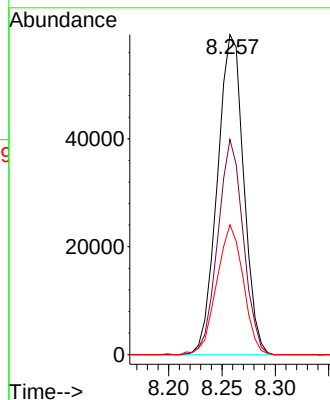
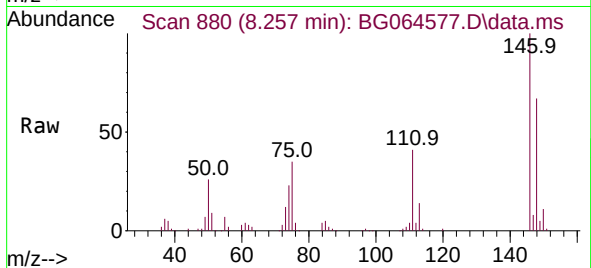
Tgt Ion:146 Resp: 102132
 Ion Ratio Lower Upper
 146 100
 148 67.2 56.2 84.4
 111 40.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 36.924 ng

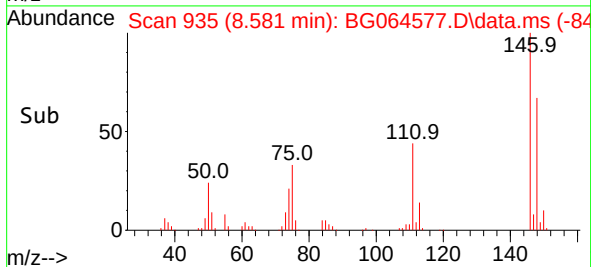
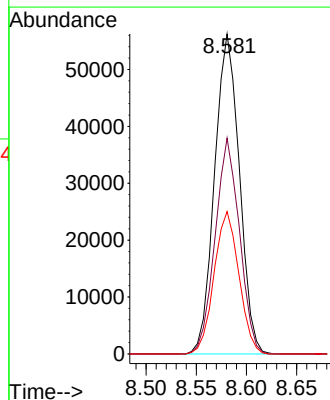
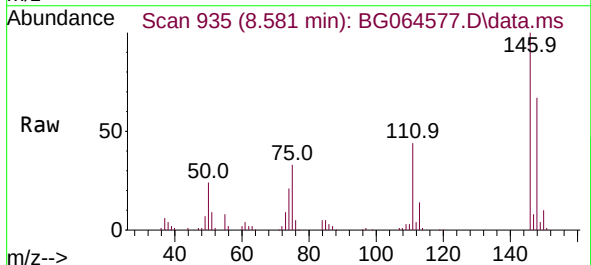
RT: 8.581 min Scan# 935

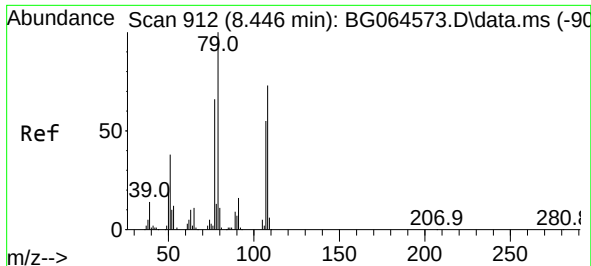
Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

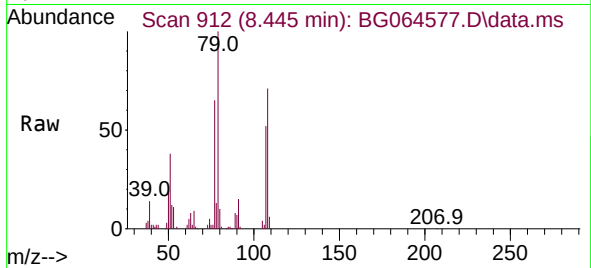
Tgt Ion:146 Resp: 96651
 Ion Ratio Lower Upper
 146 100
 148 67.4 51.5 77.3
 111 44.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 37.995 ng
RT: 8.445 min Scan# 912
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

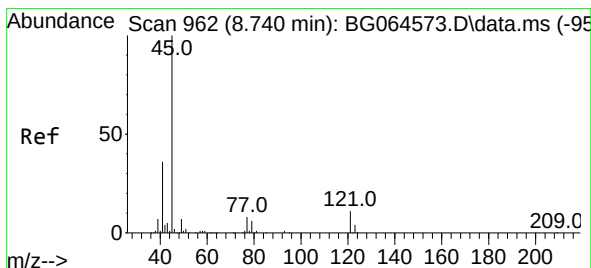
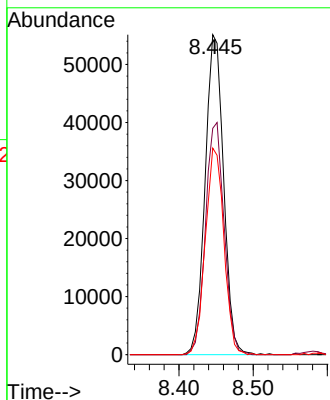
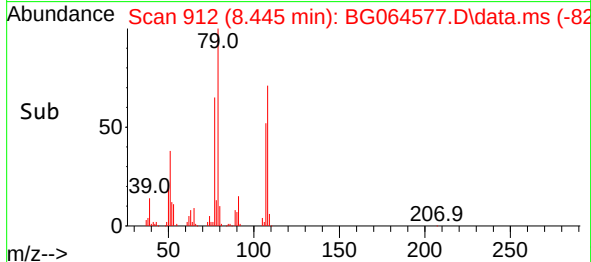
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 79 Resp: 95250
Ion Ratio Lower Upper
79 100
108 70.7 58.1 87.1
77 64.5 52.8 79.2

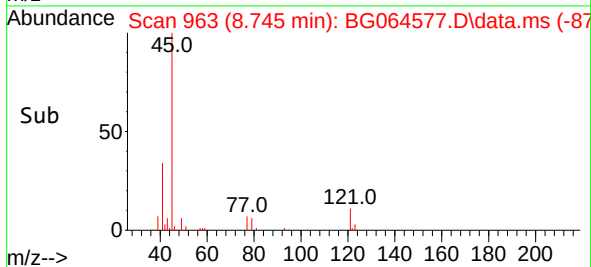
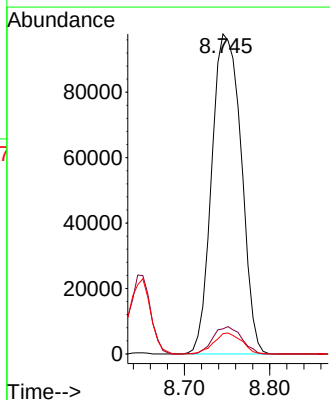
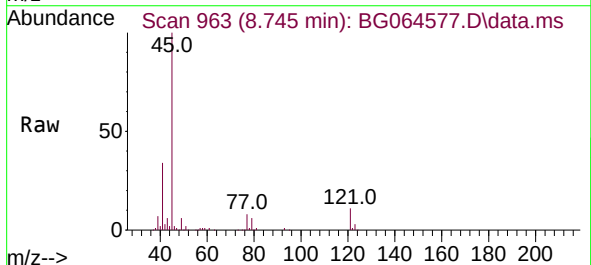
Manual Integrations
APPROVED

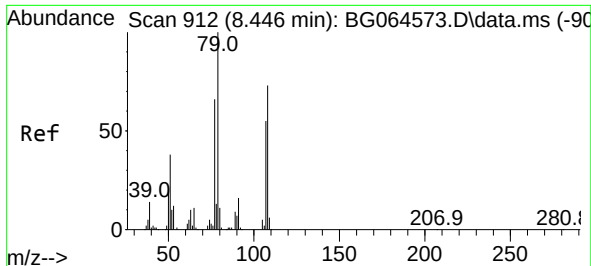
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.163 ng
RT: 8.745 min Scan# 963
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

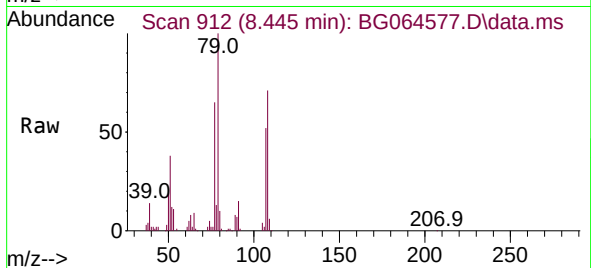
Tgt Ion: 45 Resp: 234476
Ion Ratio Lower Upper
45 100
77 7.8 0.0 28.5
79 6.3 0.0 25.6





#17
2-Methylphenol
Concen: 38.945 ng
RT: 8.445 min Scan# 912
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

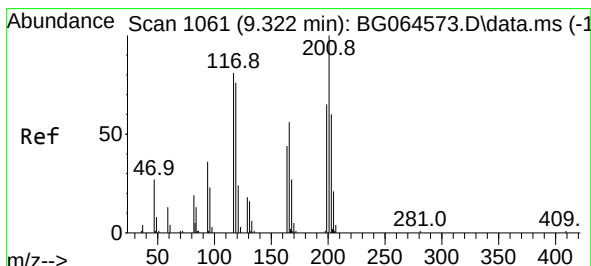
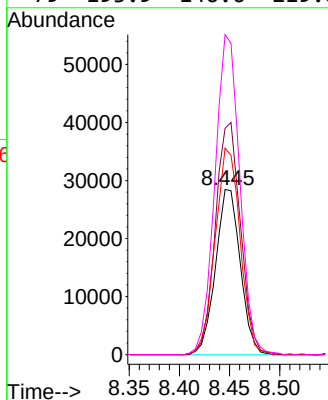
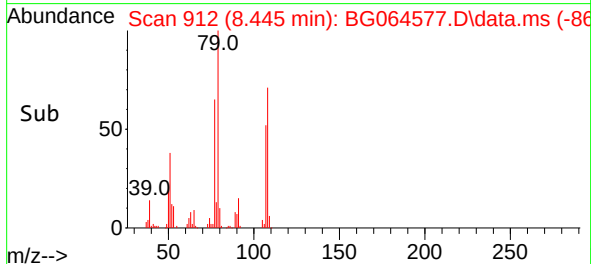
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:107 Resp: 48801
Ion Ratio Lower Upper
107 100
108 137.1 106.4 159.6
77 125.1 96.7 145.1
79 193.9 146.6 219.8

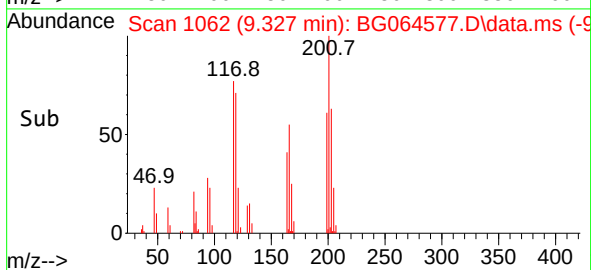
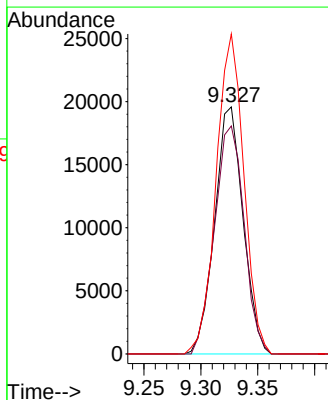
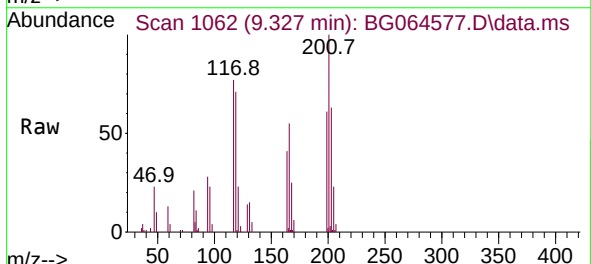
Manual Integrations
APPROVED

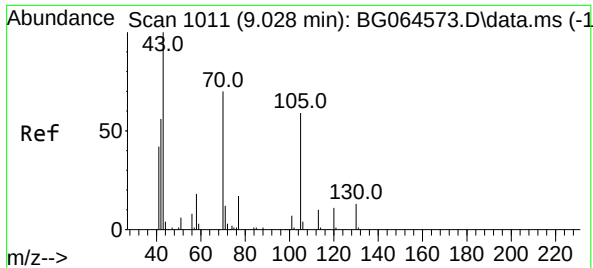
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#18
Hexachloroethane
Concen: 35.743 ng
RT: 9.327 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:117 Resp: 34040
Ion Ratio Lower Upper
117 100
119 92.3 75.4 113.2
201 129.6 99.2 148.8





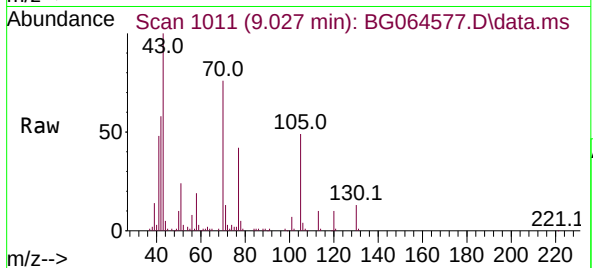
#19
n-Nitroso-di-n-propylamine
Concen: 39.572 ng
RT: 9.027 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



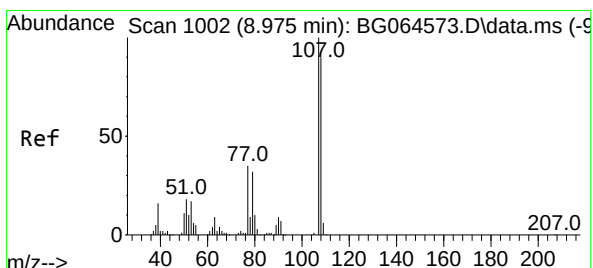
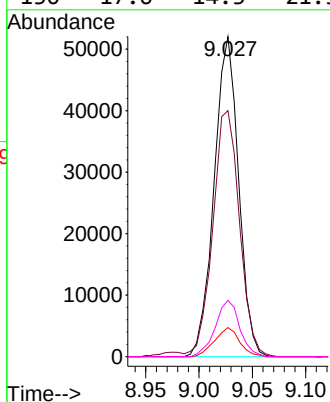
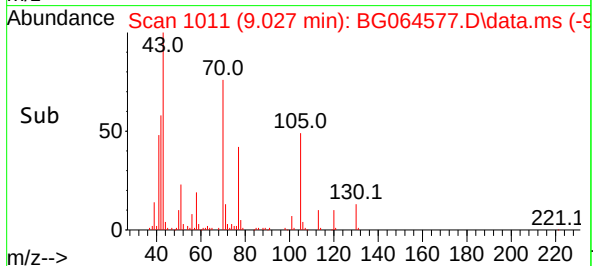
Tgt Ion: 70 Resp: 83140
Ion Ratio Lower Upper
70 100
42 76.9 65.2 97.8
101 9.1 7.9 11.9
130 17.6 14.3 21.5

Manual Integrations

APPROVED

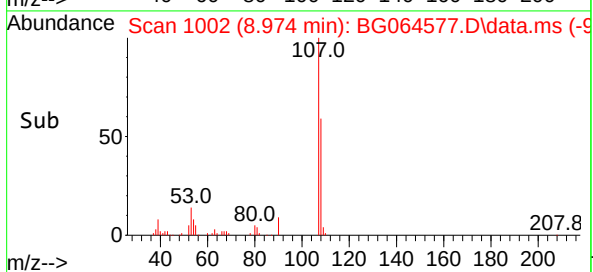
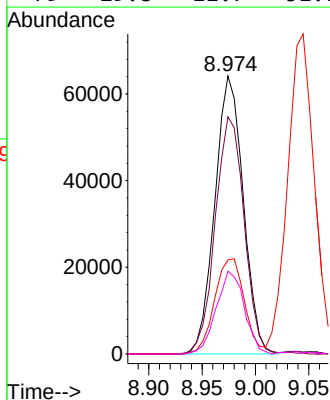
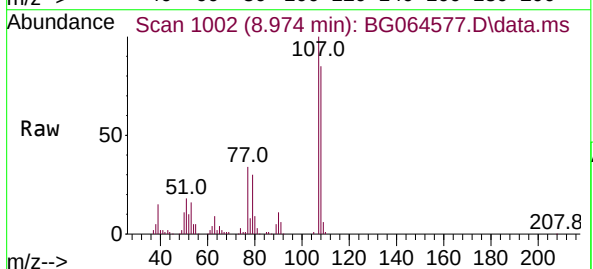
Reviewed By :Rahul Chavli 10/27/2025

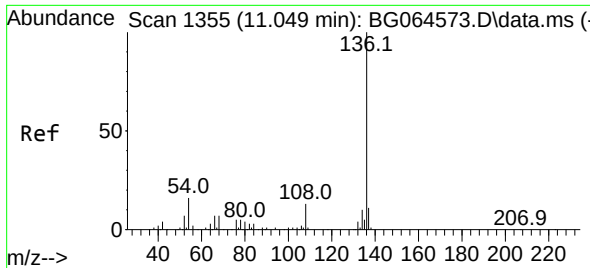
Supervised By :Jagrut Upadhyay 10/27/2025



#20
3+4-Methylphenols
Concen: 37.882 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 118917
Ion Ratio Lower Upper
107 100
108 85.3 70.3 110.3
77 33.8 14.6 54.6
79 29.8 11.7 51.7





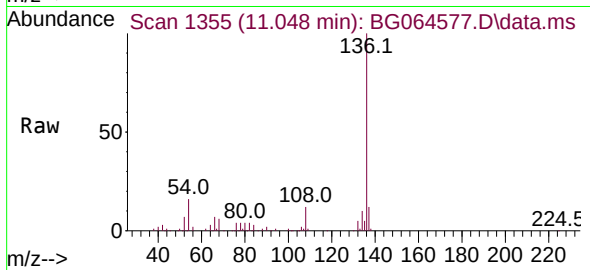
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



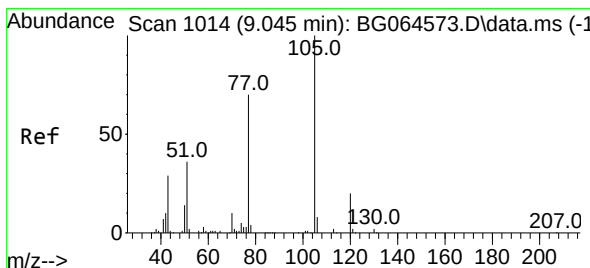
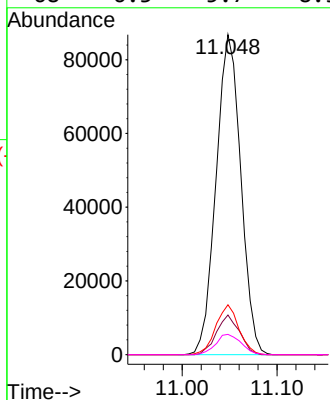
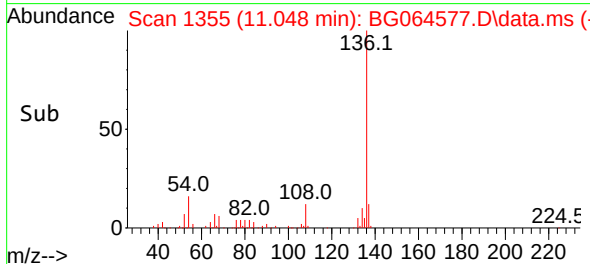
Tgt Ion:136 Resp: 157125
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 15.6 12.6 19.0
68 6.3 5.7 8.5

Manual Integrations

APPROVED

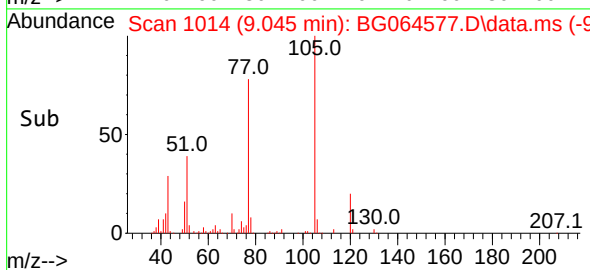
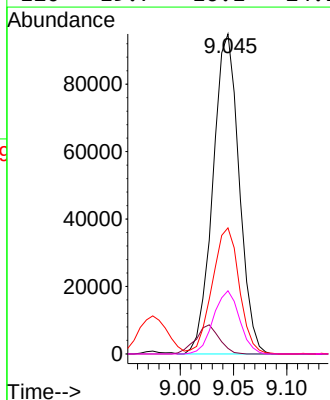
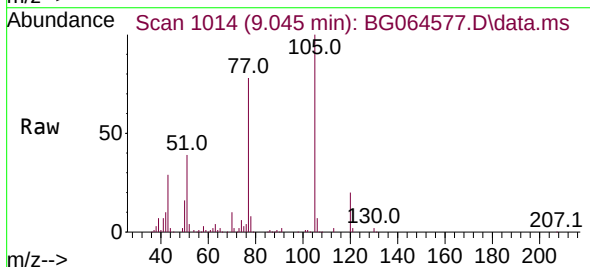
Reviewed By :Rahul Chavli 10/27/2025

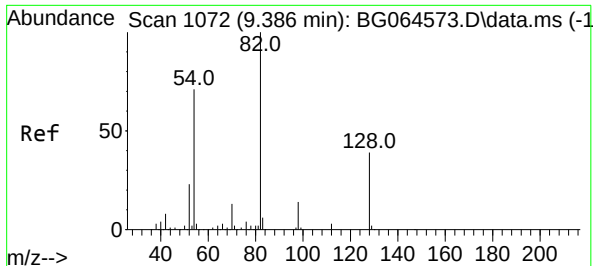
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:105 Resp: 162385
Ion Ratio Lower Upper
105 100
71 1.7 1.5 2.3
51 39.4 33.7 50.5
120 19.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 76.738 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 82 Resp: 200749

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

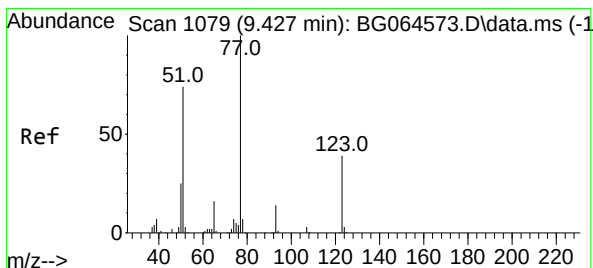
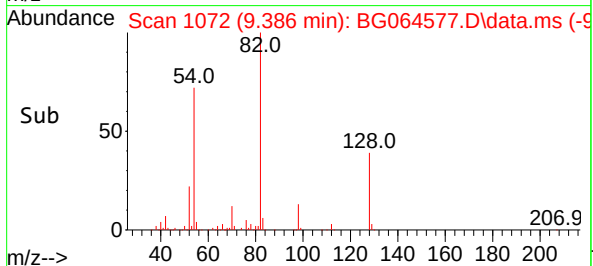
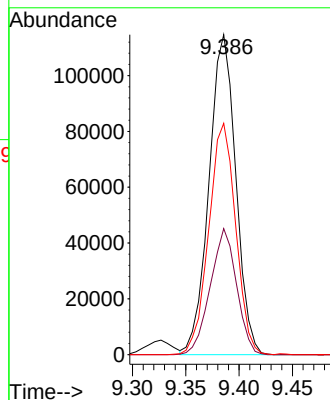
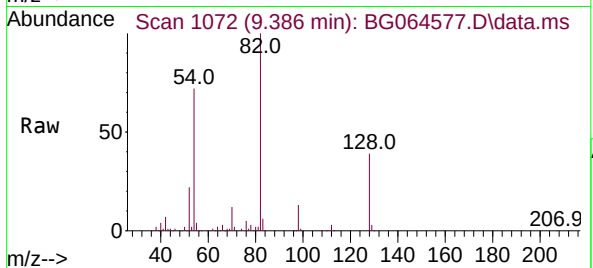
54 72.3 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 39.305 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

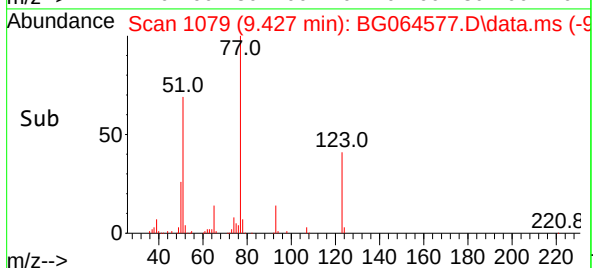
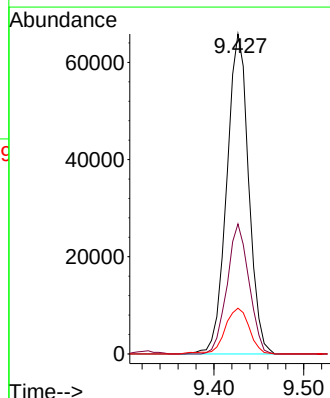
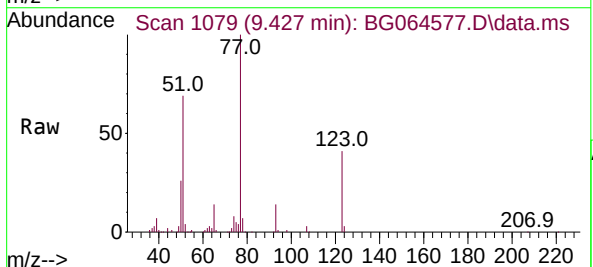
Tgt Ion: 77 Resp: 111836

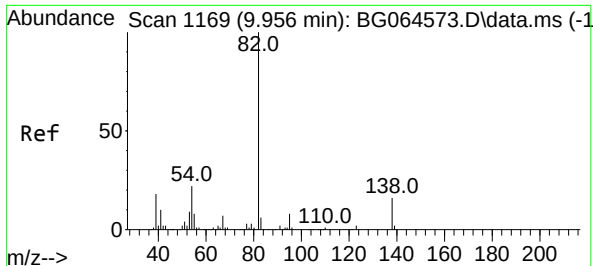
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

65 14.3 12.7 19.1





#25
Isophorone
Concen: 37.733 ng
RT: 9.955 min Scan# 1169
Delta R.T. -0.011 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

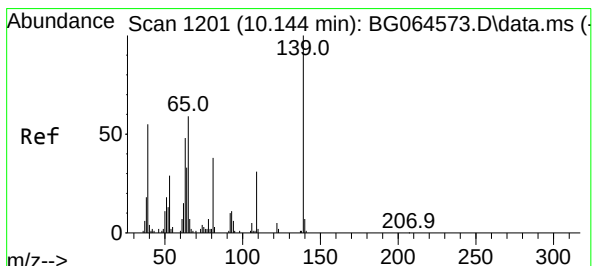
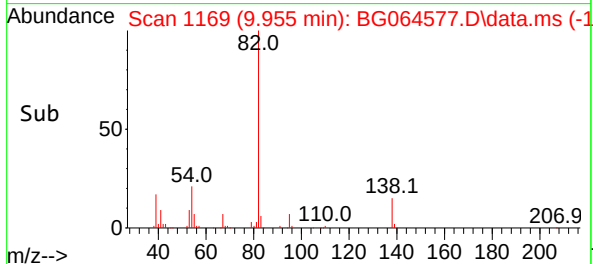
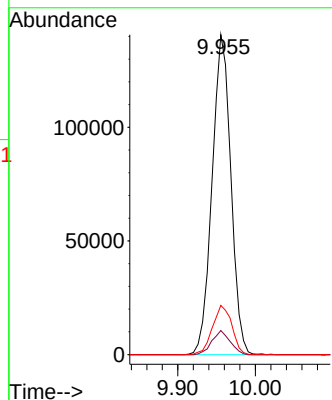
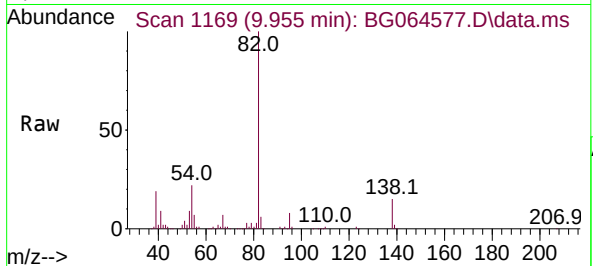
ICVBG102425

Tgt Ion: 82 Resp: 236860
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.4 13.0 19.4

Manual Integrations

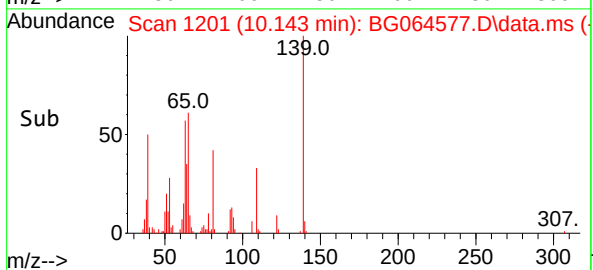
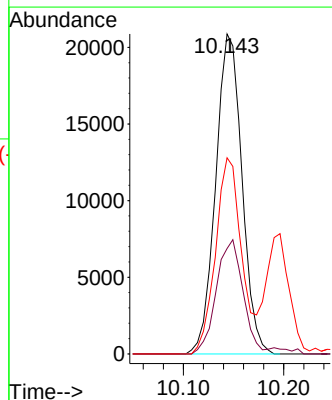
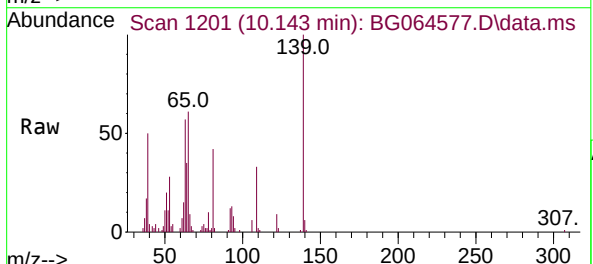
APPROVED

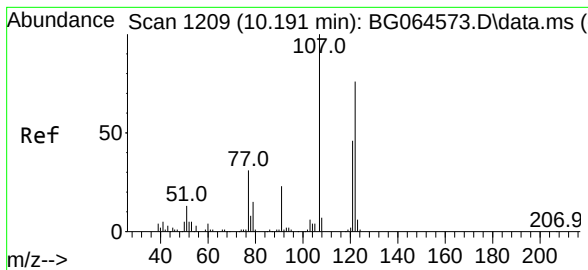
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#26
2-Nitrophenol
Concen: 35.498 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

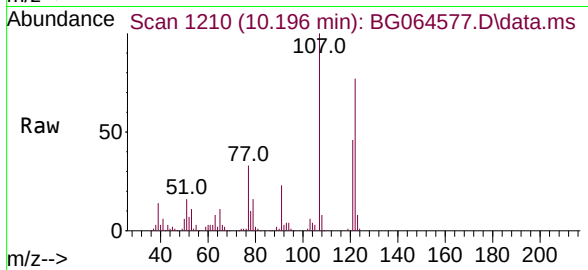
Tgt Ion:139 Resp: 38013
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 61.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 41.336 ng m
RT: 10.196 min Scan# 1209
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

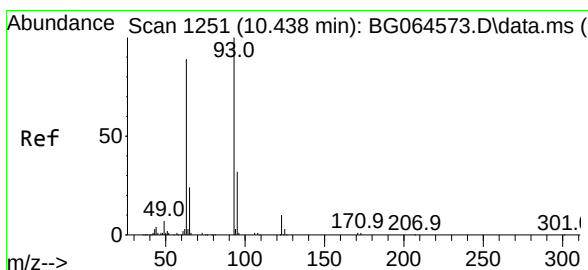
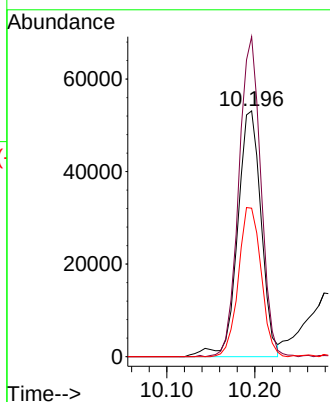
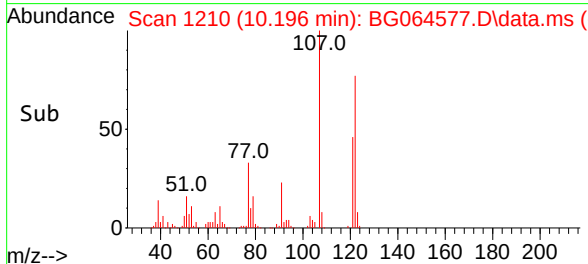
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:122 Resp: 98450
Ion Ratio Lower Upper
122 100
107 130.3 103.0 154.4
121 60.4 47.8 71.8

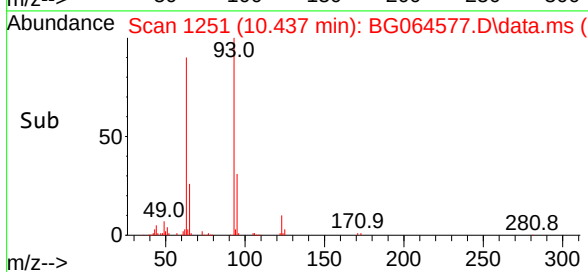
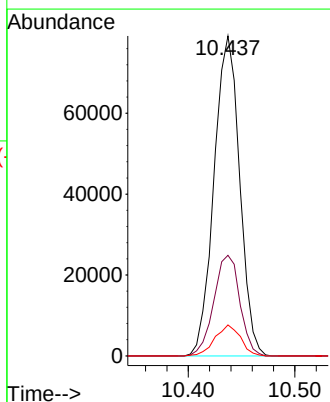
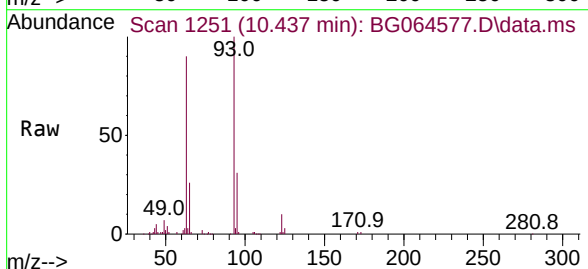
Manual Integrations
APPROVED

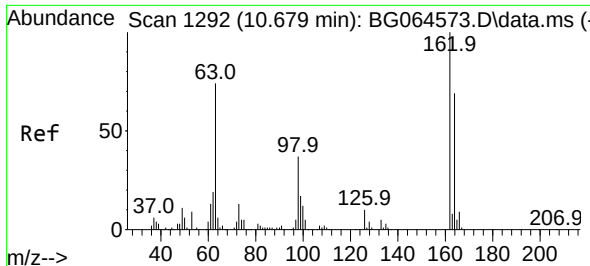
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.953 ng
RT: 10.437 min Scan# 1251
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 132072
Ion Ratio Lower Upper
93 100
95 31.4 25.4 38.2
123 9.7 8.4 12.6





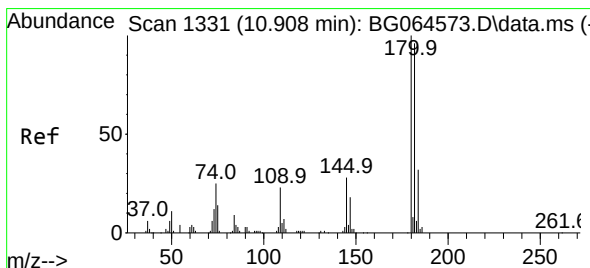
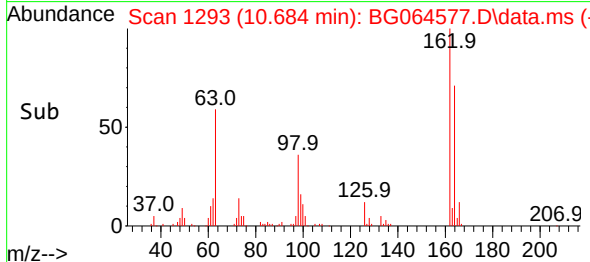
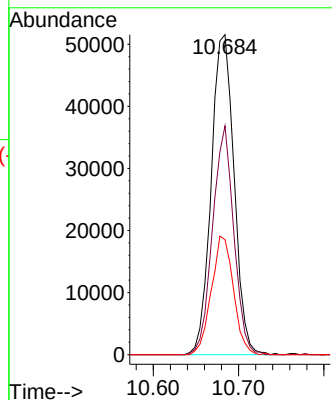
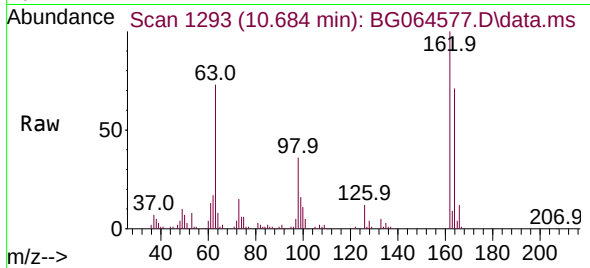
#29
2,4-Dichlorophenol
Concen: 38.190 ng
RT: 10.684 min Scan# 1293
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:162 Resp: 95966
Ion Ratio Lower Upper
162 100
164 71.5 48.7 88.7
98 35.9 16.9 56.9

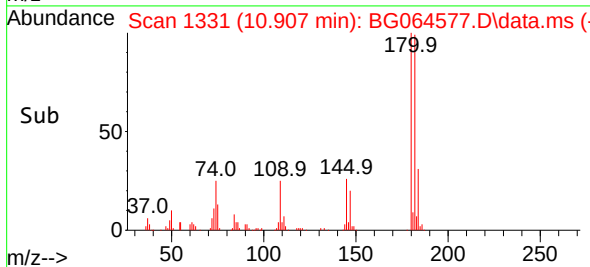
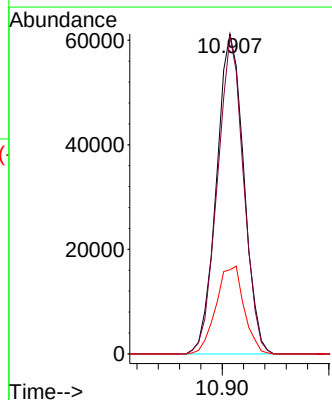
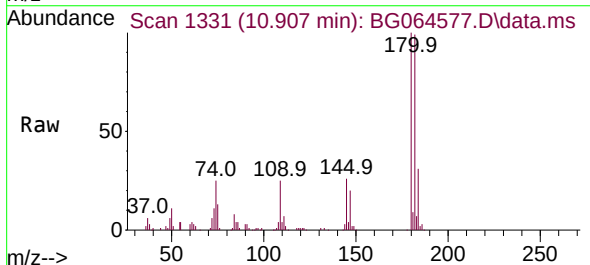
Manual Integrations
APPROVED

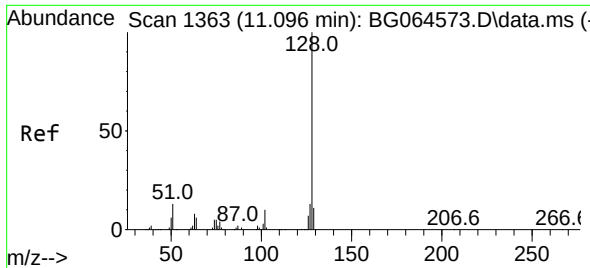
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#30
1,2,4-Trichlorobenzene
Concen: 37.945 ng
RT: 10.907 min Scan# 1331
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

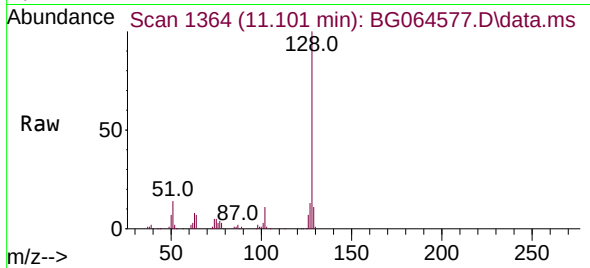
Tgt Ion:180 Resp: 108339
Ion Ratio Lower Upper
180 100
182 99.3 76.9 115.3
145 26.3 22.1 33.1





#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

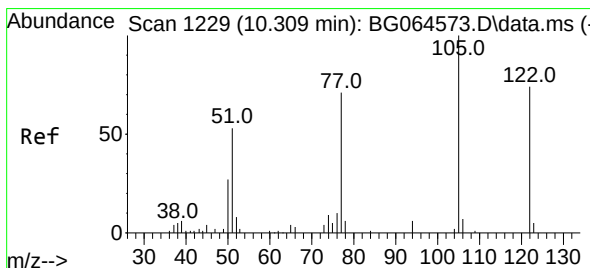
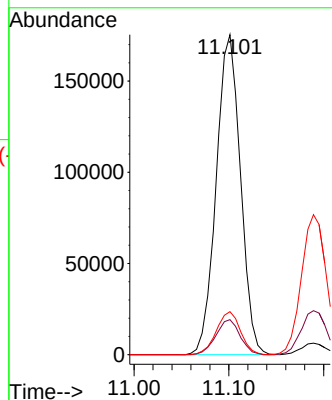
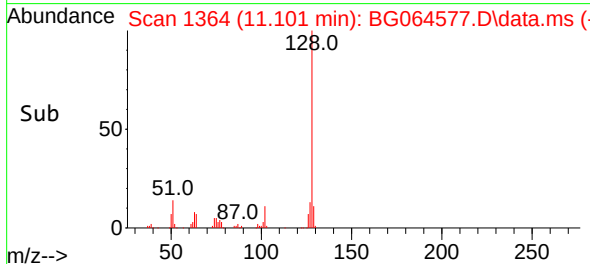
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:128 Resp: 311084
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8

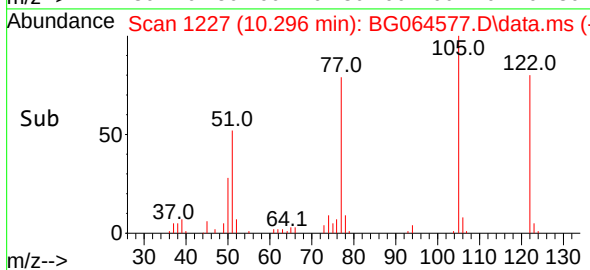
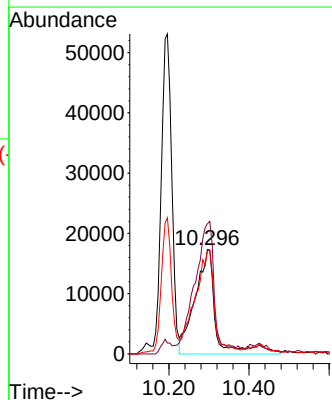
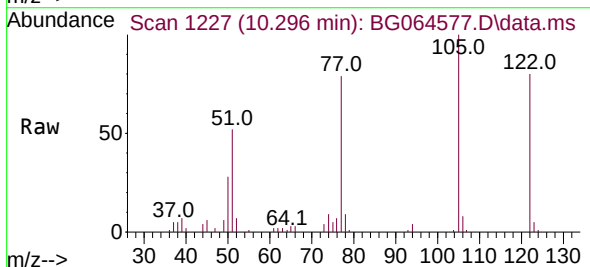
Manual Integrations
APPROVED

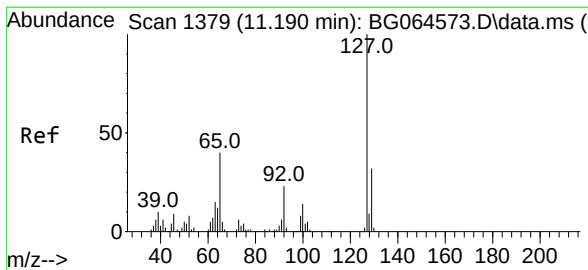
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 37.924 ng m
RT: 10.296 min Scan# 1227
Delta R.T. -0.046 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:122 Resp: 62191
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 98.8 70.2 110.2





#33
4-Chloroaniline
Concen: 41.287 ng
RT: 11.189 min Scan# 1379
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

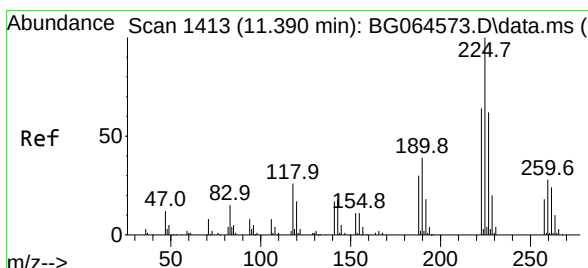
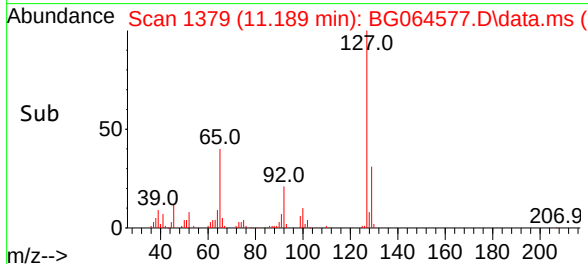
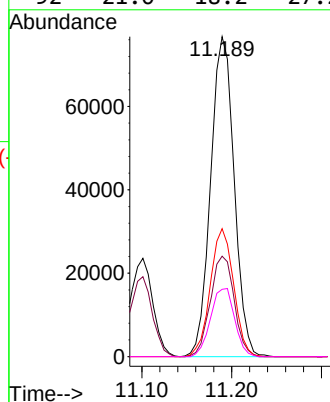
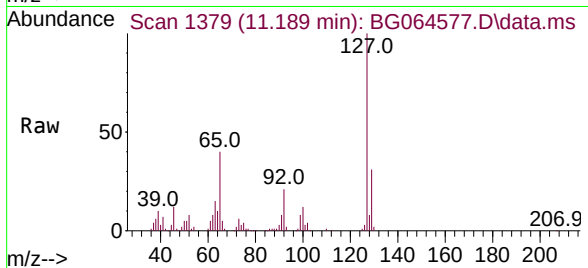
ICVBG102425

Tgt Ion:127 Resp: 139799
Ion Ratio Lower Upper
127 100
129 31.4 25.5 38.3
65 40.0 32.2 48.4
92 21.0 18.2 27.2

Manual Integrations

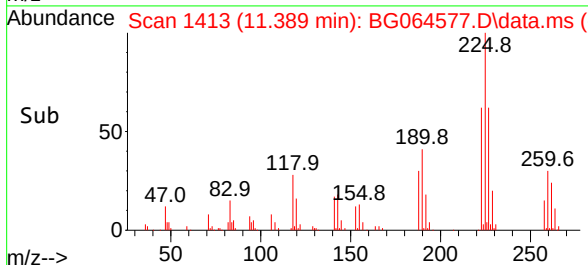
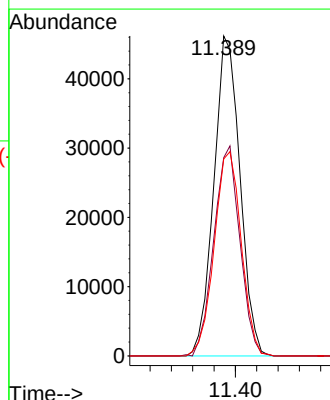
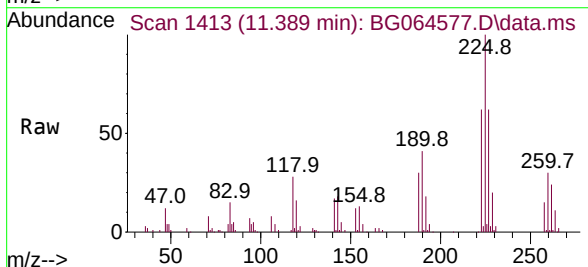
APPROVED

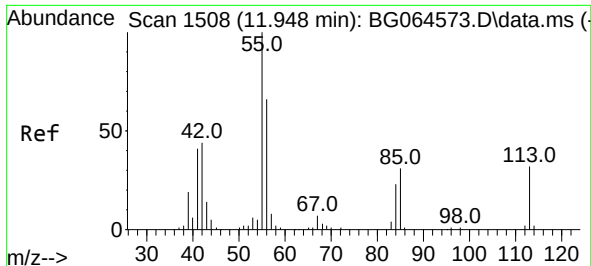
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 11.389 min Scan# 1413
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:225 Resp: 78691
Ion Ratio Lower Upper
225 100
223 59.7 48.8 73.2
227 59.3 49.5 74.3





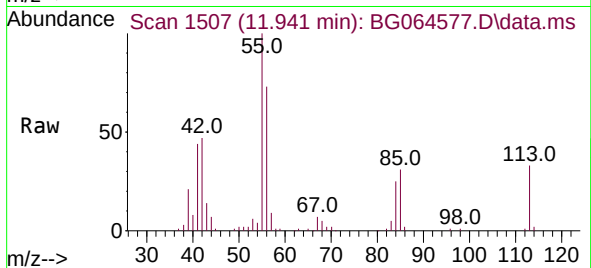
#35
Caprolactam
Concen: 36.326 ng
RT: 11.941 min Scan# 1508
Delta R.T. -0.034 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



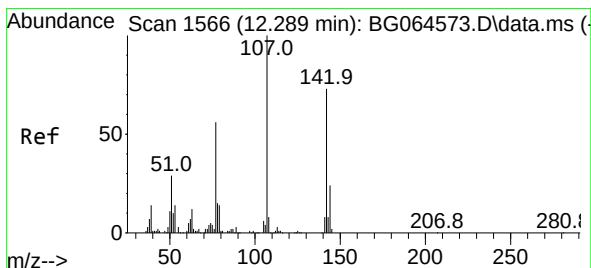
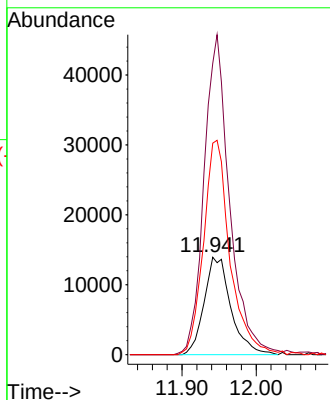
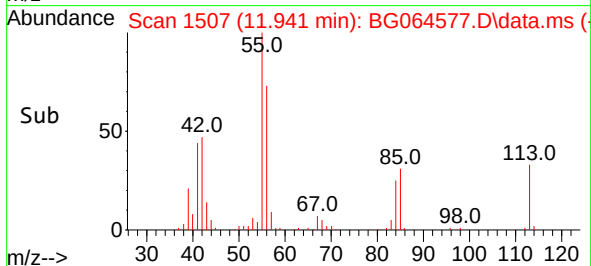
Tgt Ion:113 Resp: 3501
Ion Ratio Lower Upper
113 100
55 299.0 290.1 330.1
56 217.0 183.8 223.8

Manual Integrations

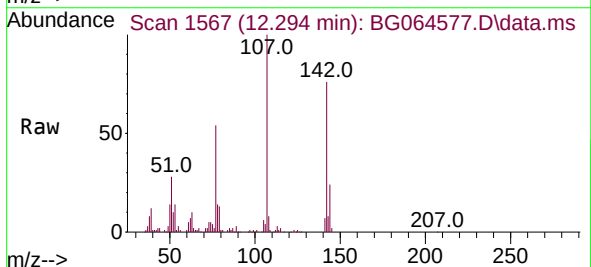
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

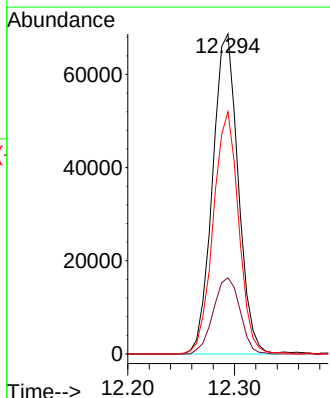
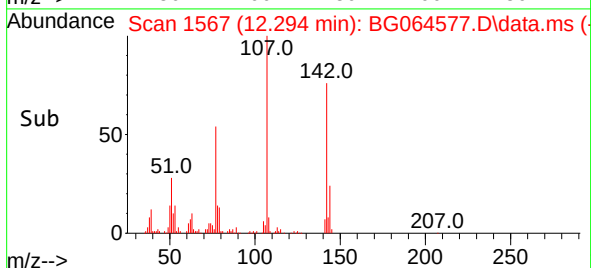
Supervised By :Jagrut Upadhyay 10/27/2025

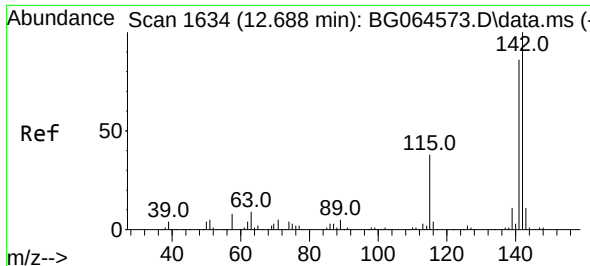


#36
4-Chloro-3-methylphenol
Concen: 38.049 ng
RT: 12.294 min Scan# 1567
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:107 Resp: 114927
Ion Ratio Lower Upper
107 100
144 23.8 19.1 28.7
142 75.7 58.6 87.8





#37
2-Methylnaphthalene
Concen: 33.388 ng
RT: 12.693 min Scan# 1635
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

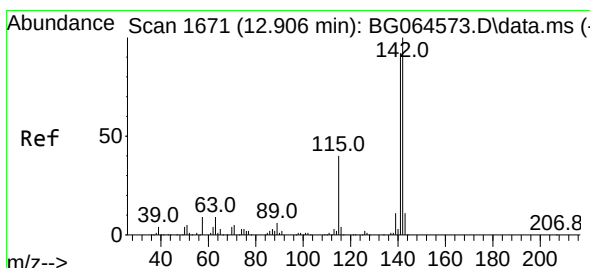
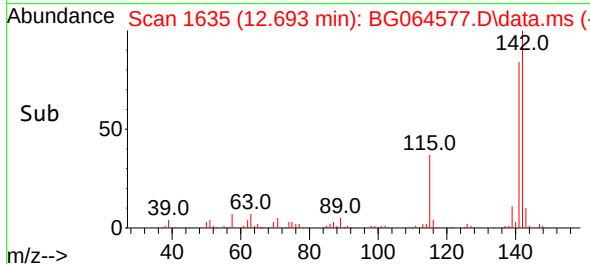
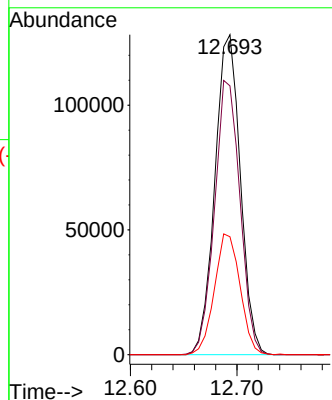
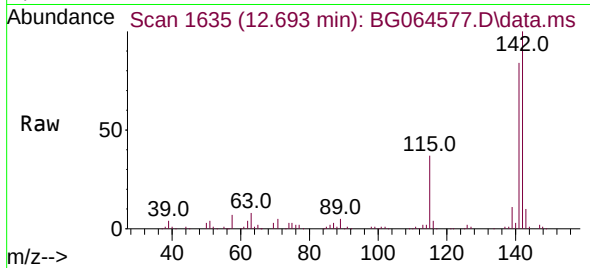
ICVBG102425

Tgt Ion:142 Resp: 213545
Ion Ratio Lower Upper
142 100
141 84.0 68.9 103.3
115 36.8 30.6 46.0

Manual Integrations

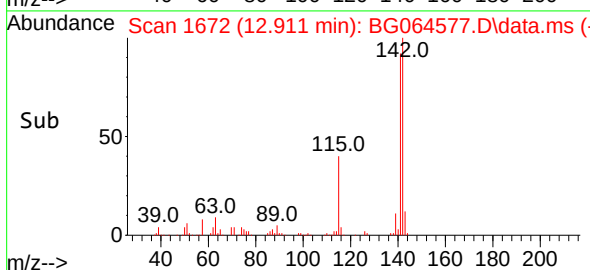
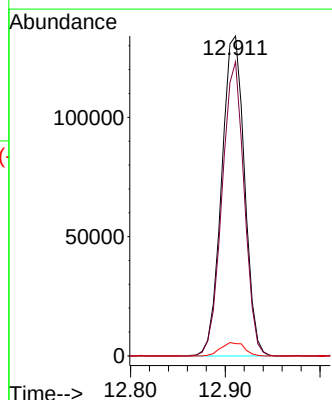
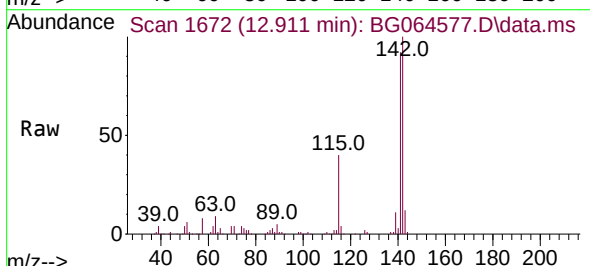
APPROVED

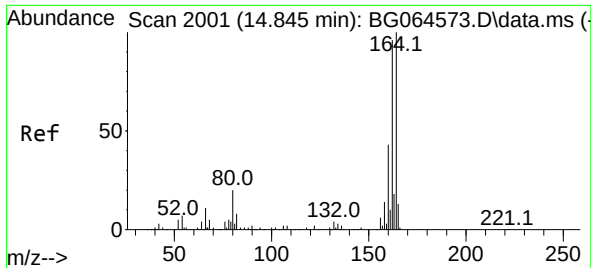
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#38
1-Methylnaphthalene
Concen: 35.729 ng
RT: 12.911 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

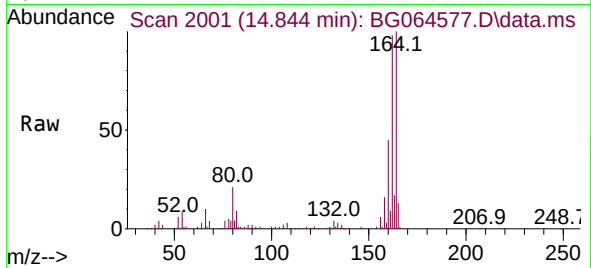
Tgt Ion:142 Resp: 224857
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

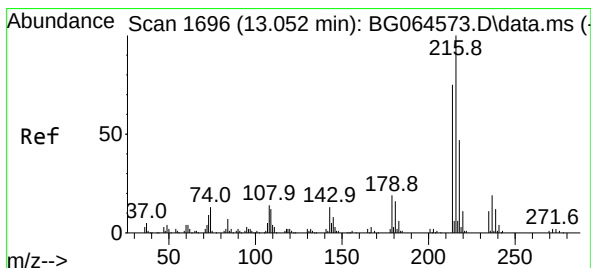
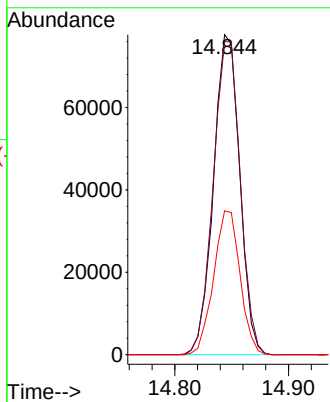
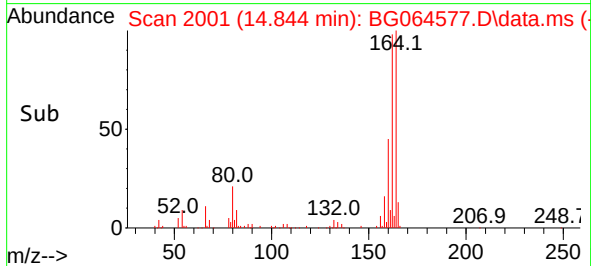
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



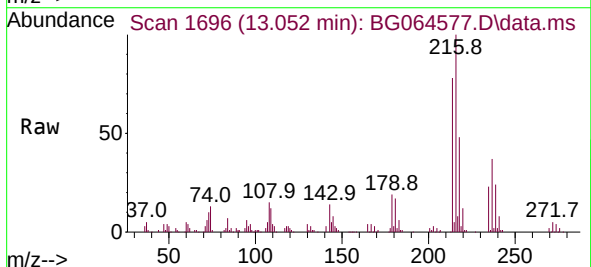
Tgt Ion:164 Resp: 124202
Ion Ratio Lower Upper
164 100
162 97.8 77.0 115.6
160 44.9 34.4 51.6

Manual Integrations
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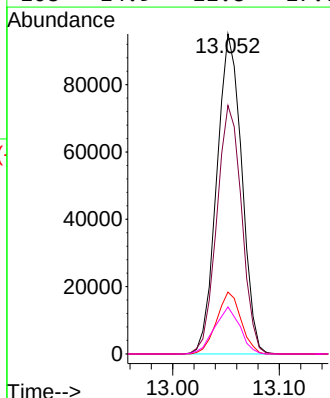
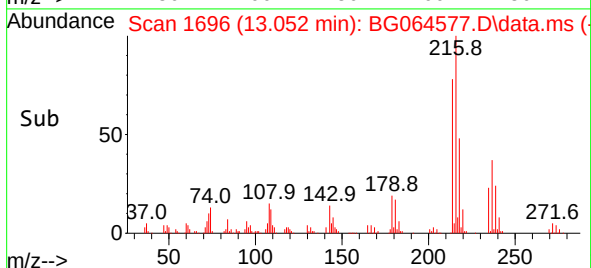
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

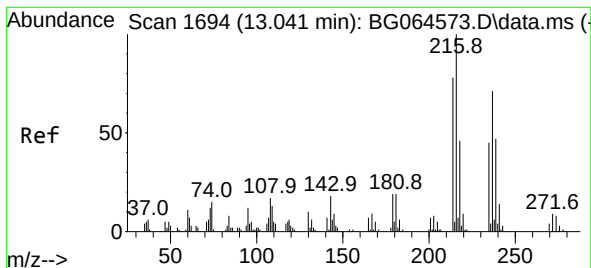


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.146 ng
RT: 13.052 min Scan# 1696
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



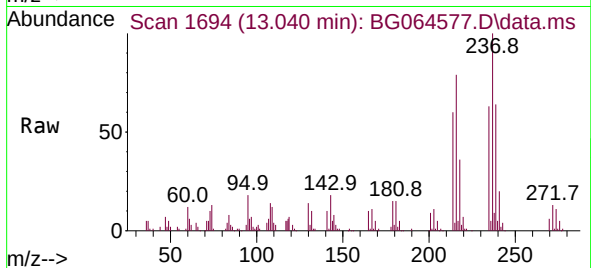
Tgt Ion:216 Resp: 154838
Ion Ratio Lower Upper
216 100
214 77.4 61.4 92.2
179 18.9 15.4 23.0
108 14.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1694
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

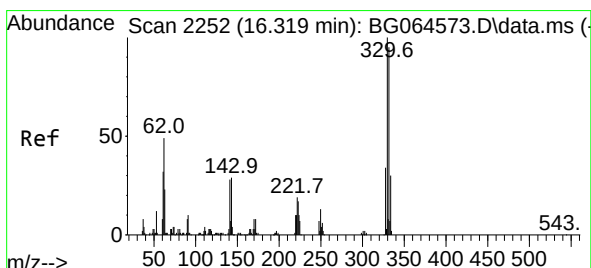
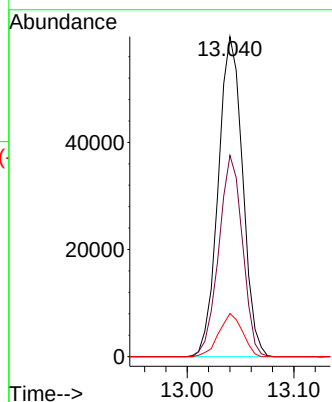
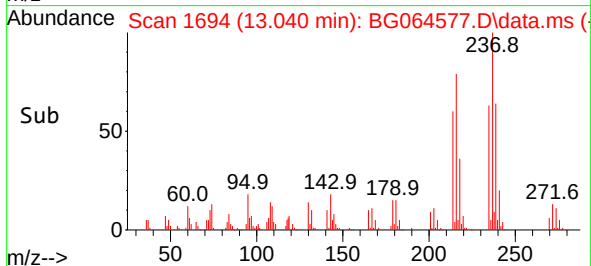
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:237 Resp: 95065
Ion Ratio Lower Upper
237 100
235 62.9 44.1 84.1
272 13.5 0.0 32.4

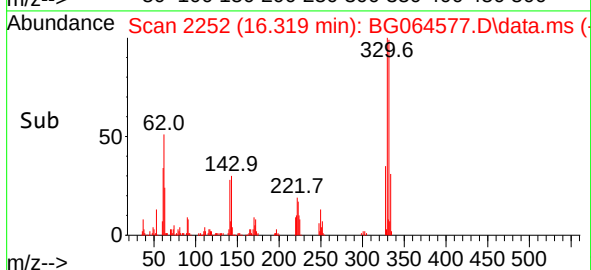
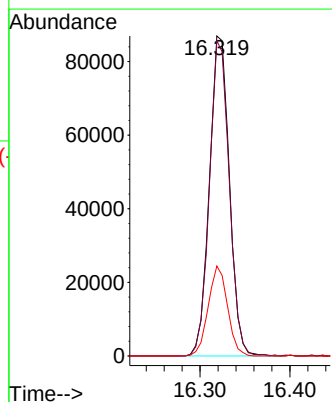
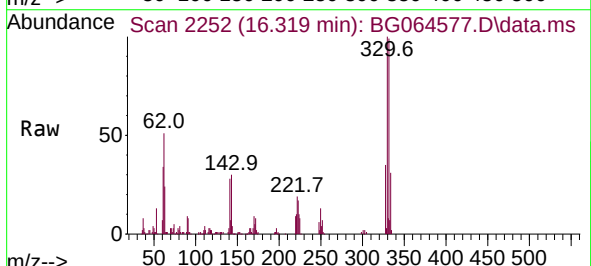
Manual Integrations
APPROVED

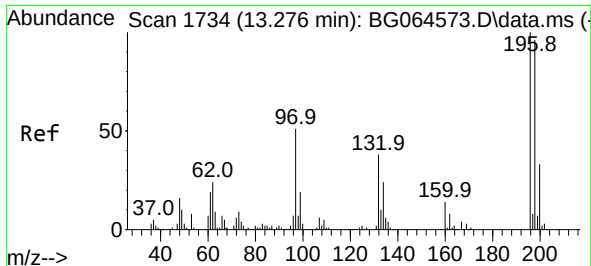
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:330 Resp: 134578
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 27.0 21.8 32.6





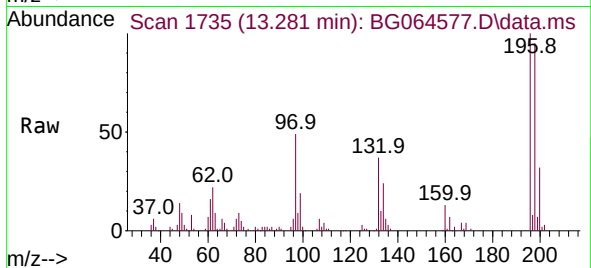
#43
2,4,6-Trichlorophenol
Concen: 38.726 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

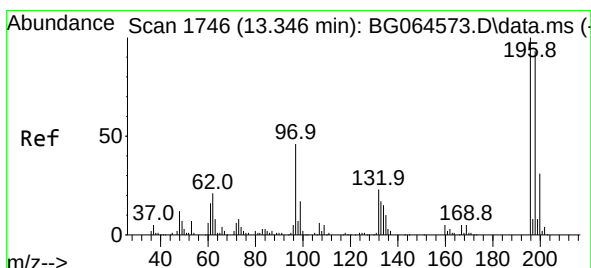
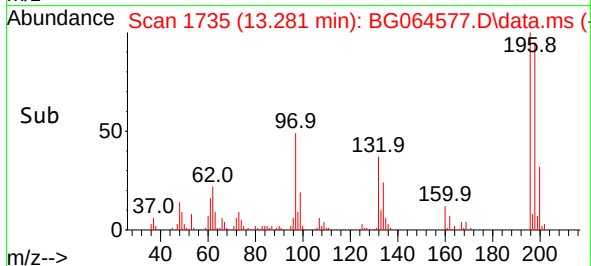
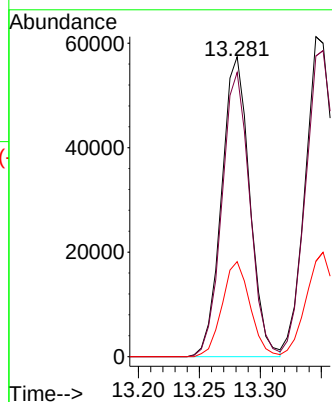


Tgt Ion:196 Resp: 92335
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 31.7 26.0 39.0

Manual Integrations

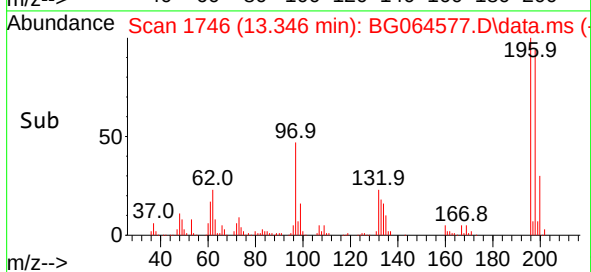
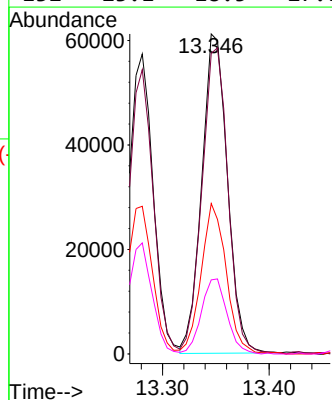
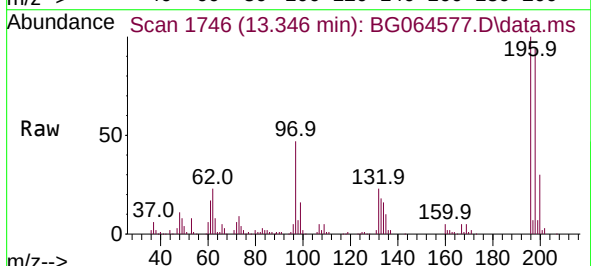
APPROVED

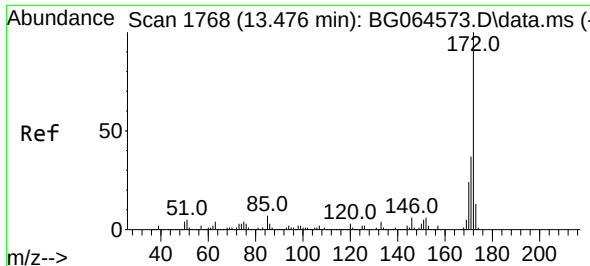
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#44
2,4,5-Trichlorophenol
Concen: 37.228 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

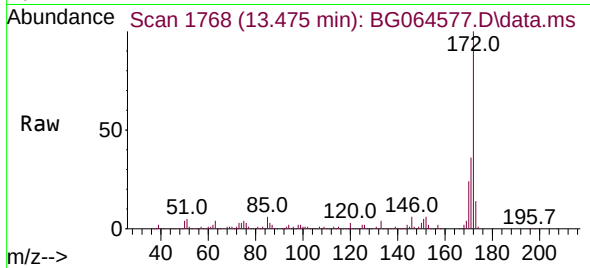
Tgt Ion:196 Resp: 102433
Ion Ratio Lower Upper
196 100
198 93.9 74.2 111.4
97 47.0 37.0 55.6
132 23.1 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

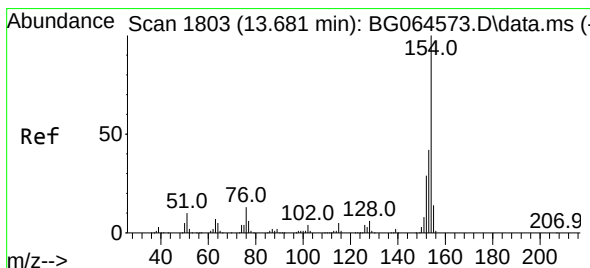
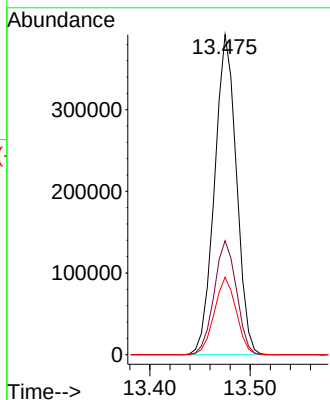
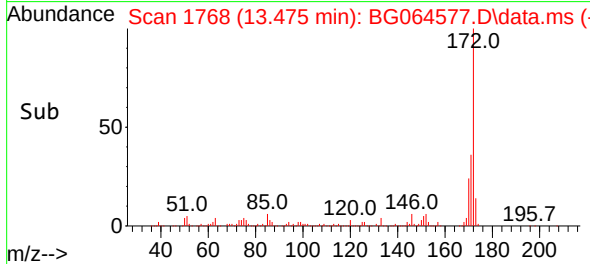
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



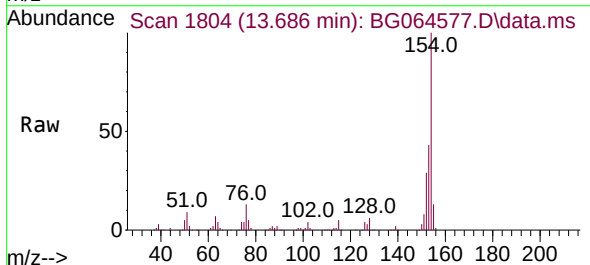
Tgt Ion:172 Resp: 59488
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 19.1 28.7

Manual Integrations
APPROVED

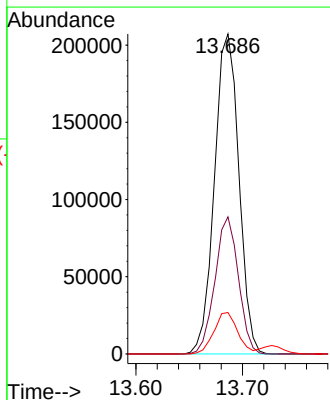
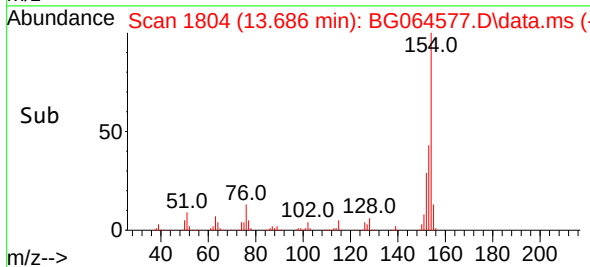
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

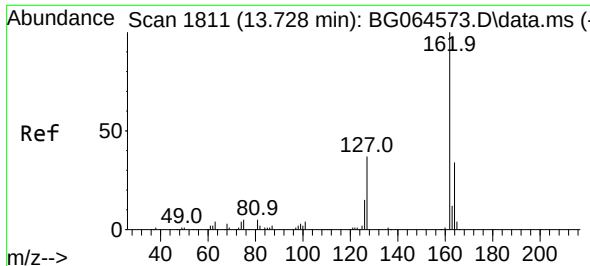


#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:154 Resp: 329629
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 12.9 0.0 33.5





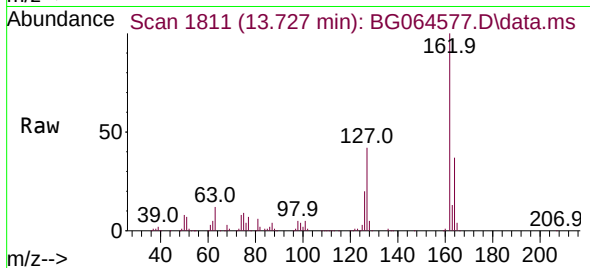
#47
2-Chloronaphthalene
Concen: 36.205 ng
RT: 13.727 min Scan# 1811
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



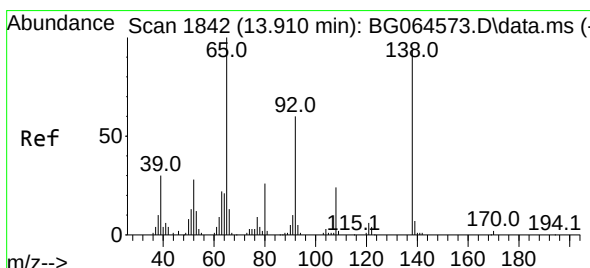
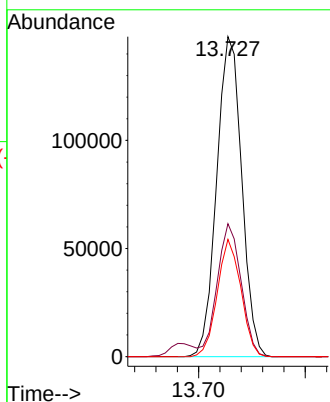
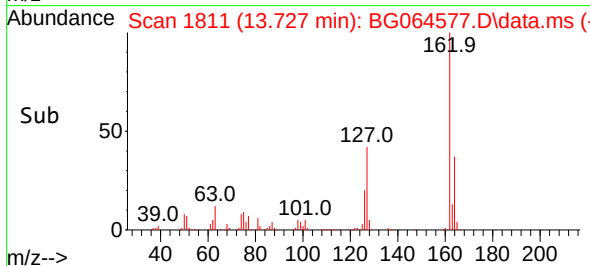
Tgt Ion:162 Resp: 241311
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.2
164 36.6 27.5 41.3

Manual Integrations

APPROVED

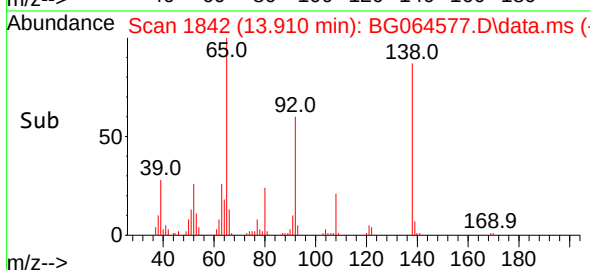
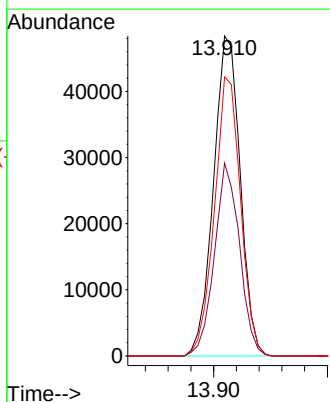
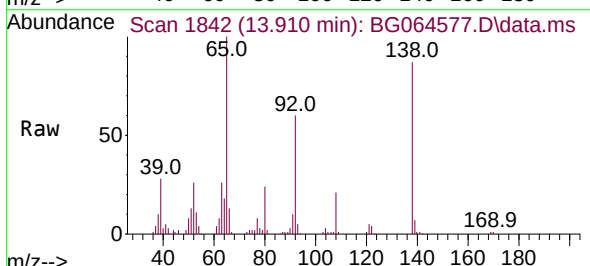
Reviewed By :Rahul Chavli 10/27/2025

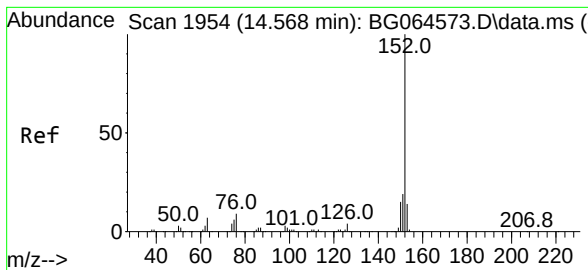
Supervised By :Jagrut Upadhyay 10/27/2025



#48
2-Nitroaniline
Concen: 36.129 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

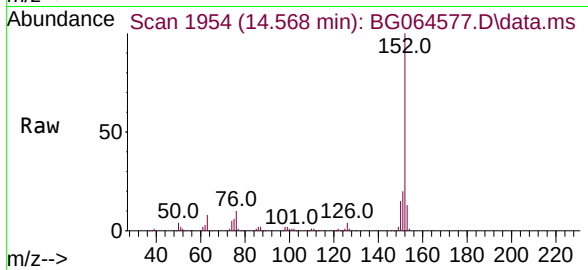
Tgt Ion: 65 Resp: 78927
Ion Ratio Lower Upper
65 100
92 60.2 48.3 72.5
138 87.2 74.9 112.3





#49
Acenaphthylene
Concen: 41.457 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

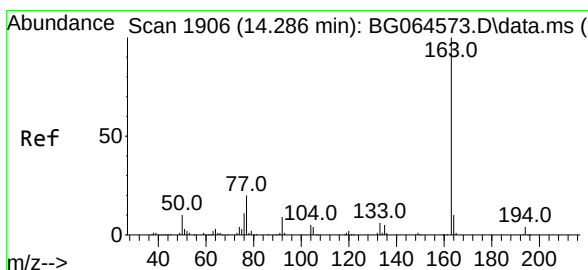
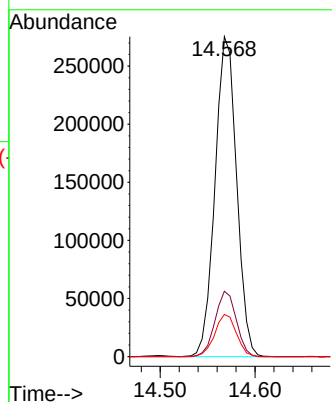
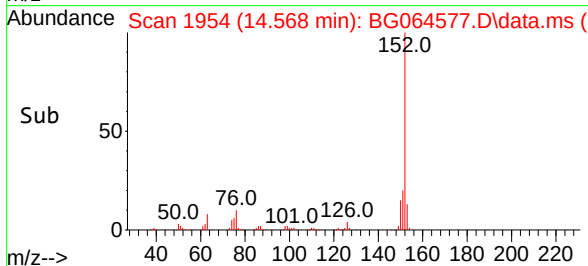
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



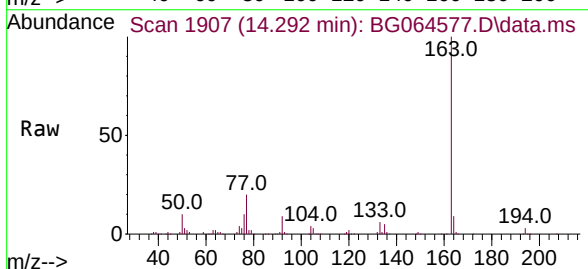
Tgt Ion:152 Resp: 435836
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.2
153 13.2 11.0 16.4

Manual Integrations
APPROVED

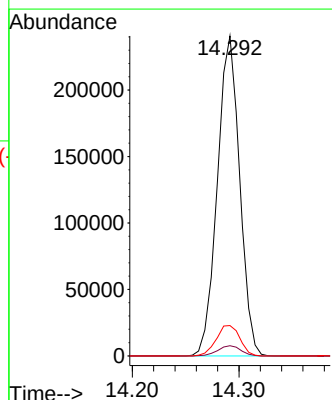
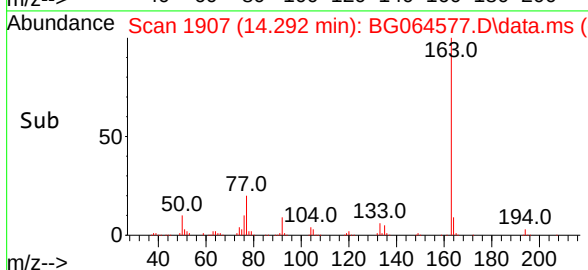
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

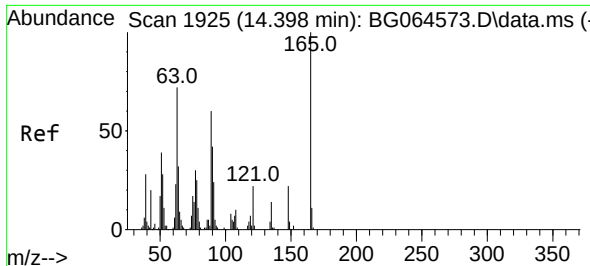


#50
Dimethylphthalate
Concen: 36.890 ng
RT: 14.292 min Scan# 1907
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



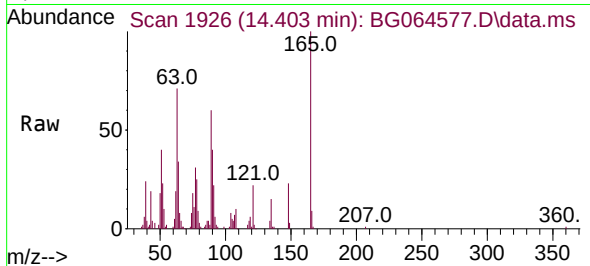
Tgt Ion:163 Resp: 350600
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.5 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

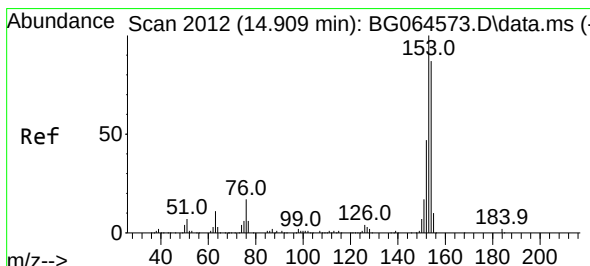
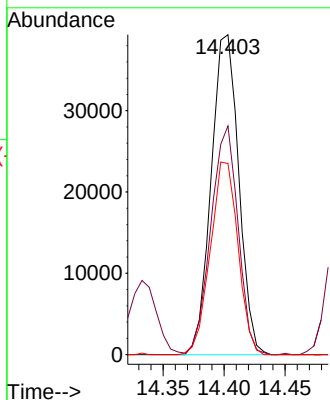
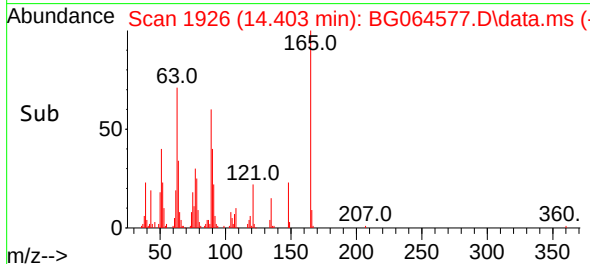
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



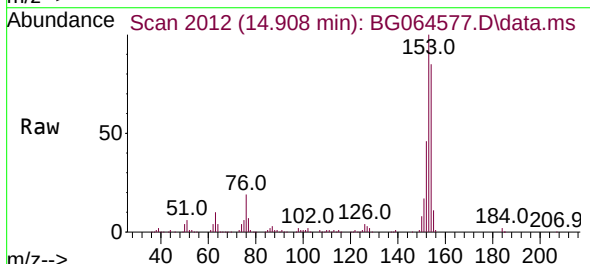
Tgt Ion:165 Resp: 61784
Ion Ratio Lower Upper
165 100
63 71.5 57.4 86.0
89 59.7 47.8 71.8

Manual Integrations
APPROVED

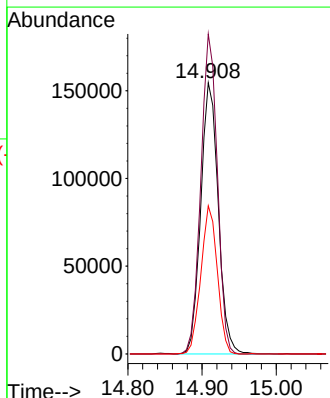
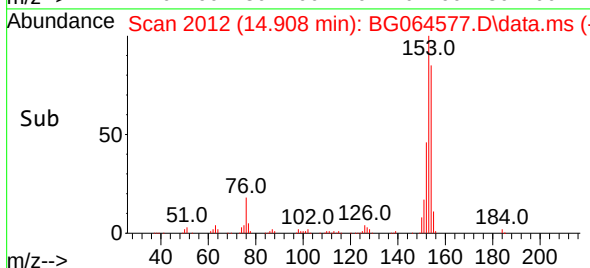
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

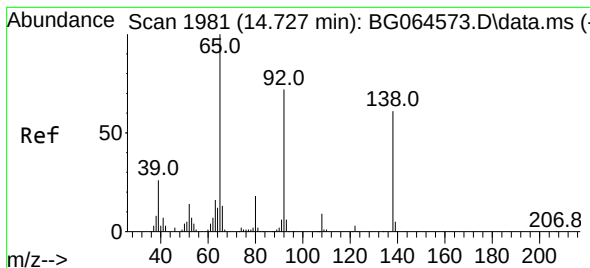


#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:154 Resp: 253833
Ion Ratio Lower Upper
154 100
153 118.0 92.2 138.4
152 54.6 43.2 64.8





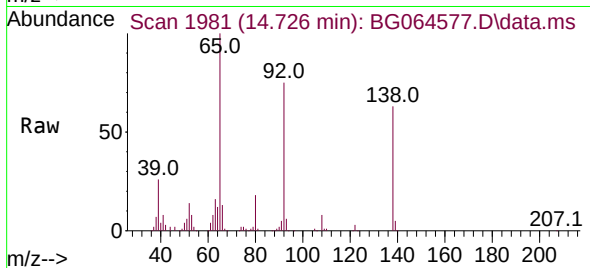
#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



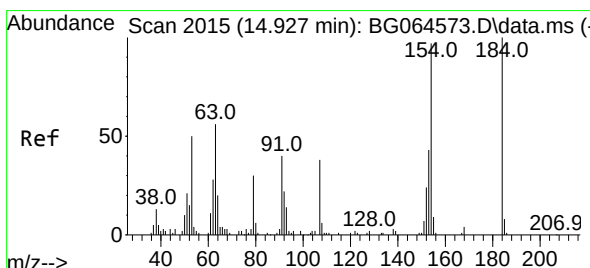
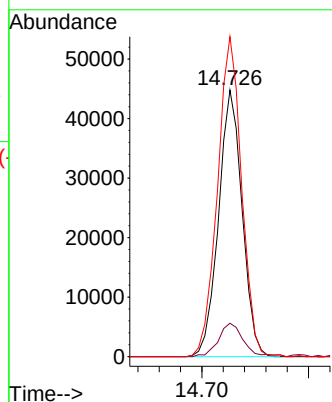
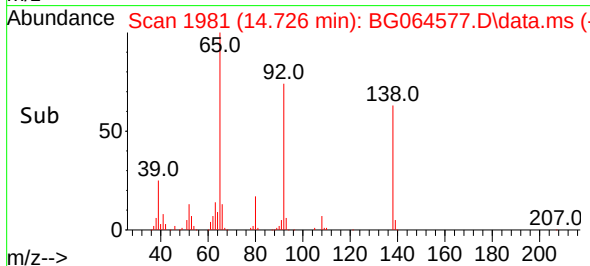
Tgt Ion:138 Resp: 68729
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.0
92 120.1 95.3 142.9

Manual Integrations

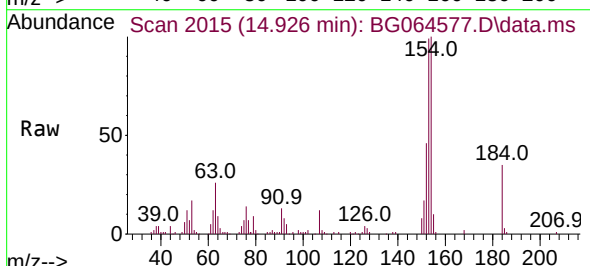
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

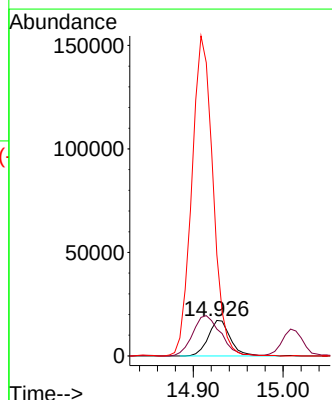
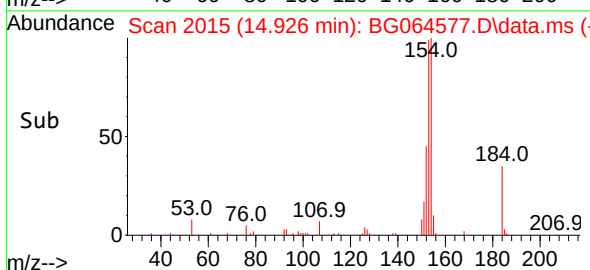
Supervised By :Jagrut Upadhyay 10/27/2025

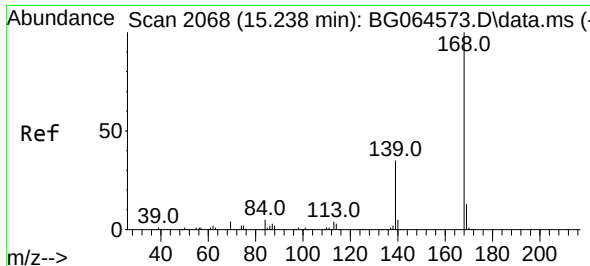


#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



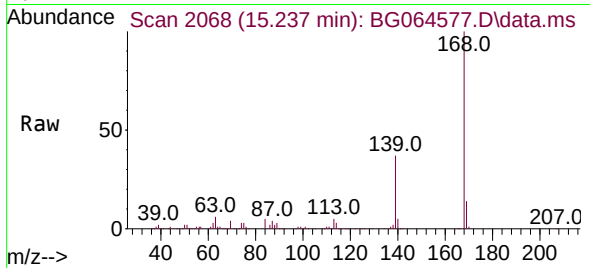
Tgt Ion:184 Resp: 29394
Ion Ratio Lower Upper
184 100
63 75.8 56.6 85.0
154 285.9 158.6 238.0#





#55
Dibenzofuran
Concen: 36.096 ng
RT: 15.237 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

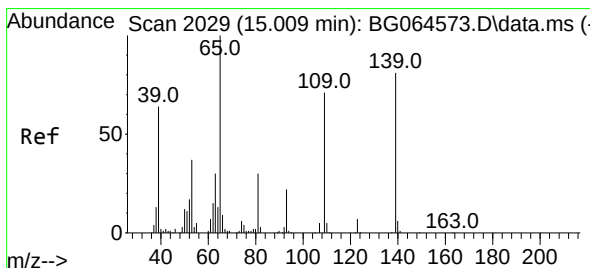
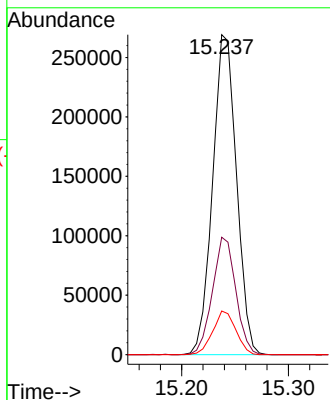
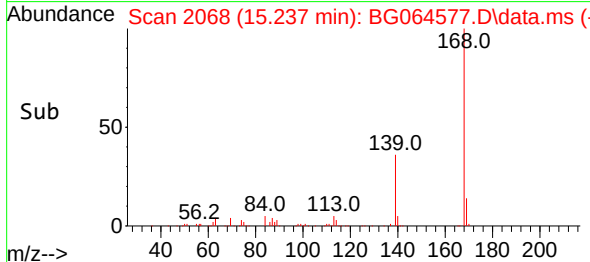
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



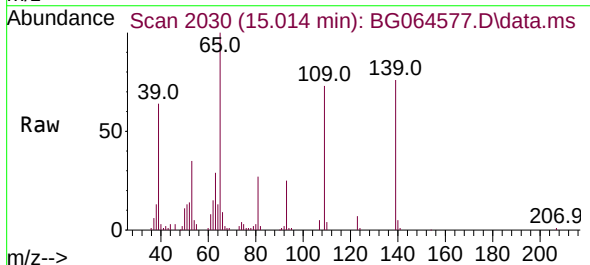
Tgt Ion:168 Resp: 419154
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.6 10.3 15.5

Manual Integrations
APPROVED

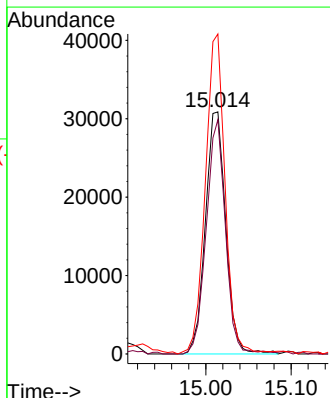
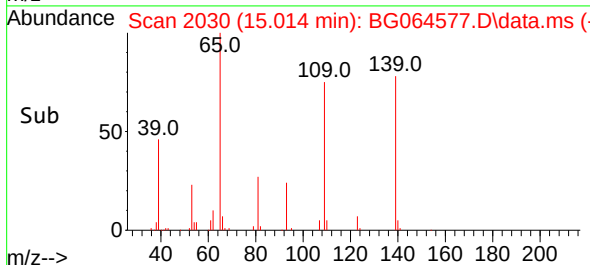
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

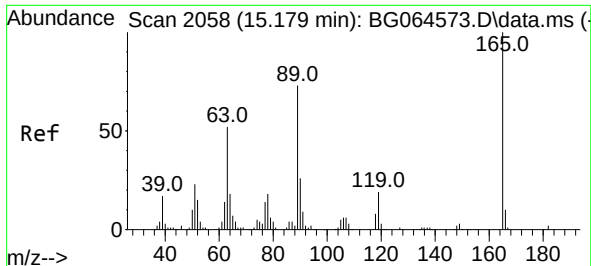


#56
4-Nitrophenol
Concen: 33.818 ng
RT: 15.014 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:139 Resp: 51210
Ion Ratio Lower Upper
139 100
109 96.8 67.8 107.8
65 132.2 103.7 143.7





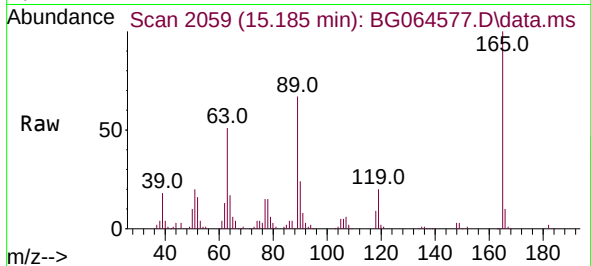
#57
2,4-Dinitrotoluene
Concen: 35.957 ng
RT: 15.185 min Scan# 2059
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



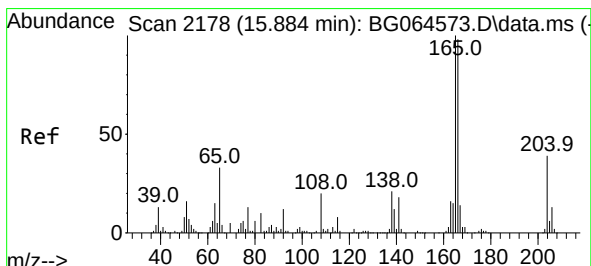
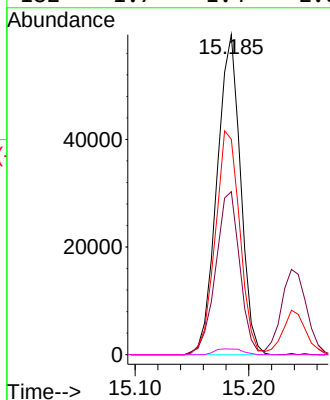
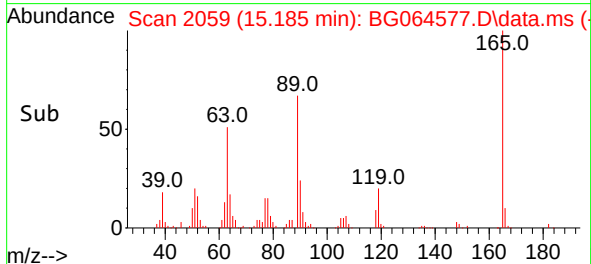
Tgt Ion:165 Resp: 85201
Ion Ratio Lower Upper
165 100
63 50.9 41.8 62.8
89 67.3 58.1 87.1
182 1.7 1.4 2.0

Manual Integrations

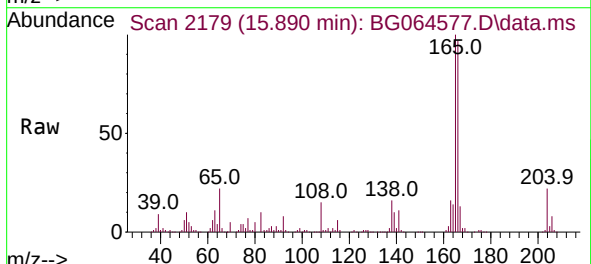
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

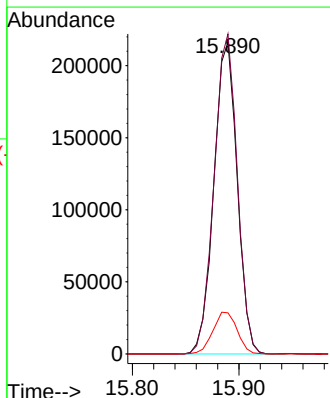
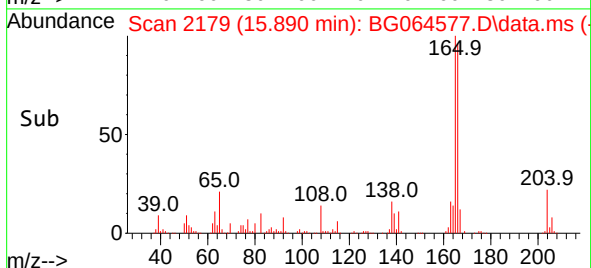
Supervised By :Jagrut Upadhyay 10/27/2025

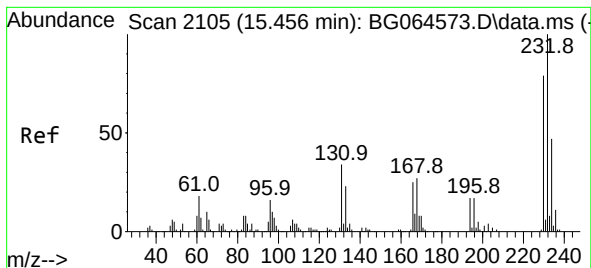


#58
Fluorene
Concen: 36.238 ng
RT: 15.890 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:166 Resp: 328636
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.1 11.4 17.0





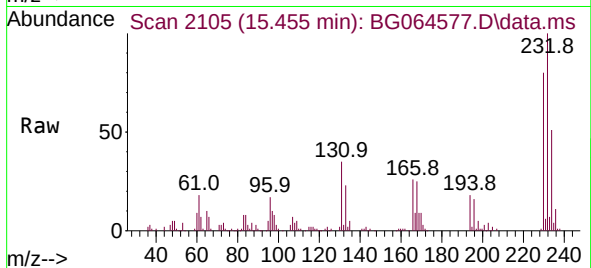
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



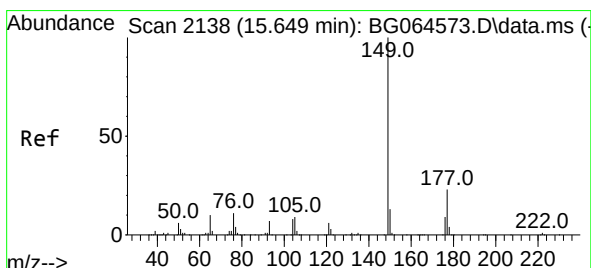
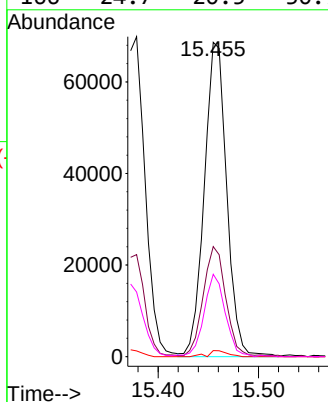
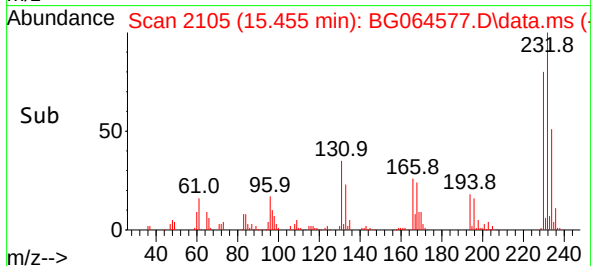
Tgt Ion:232 Resp: 106626
Ion Ratio Lower Upper
232 100
131 35.6 26.7 40.1
130 1.7 1.6 2.4
166 24.7 20.5 30.7

Manual Integrations

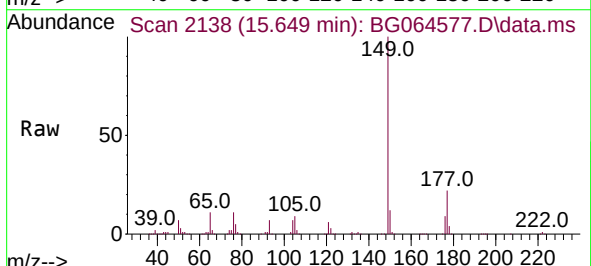
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

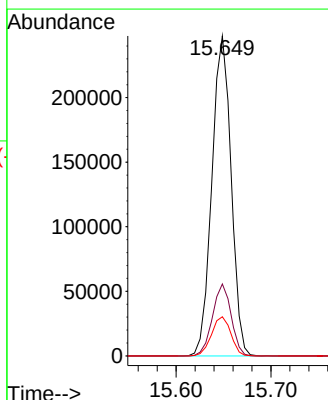
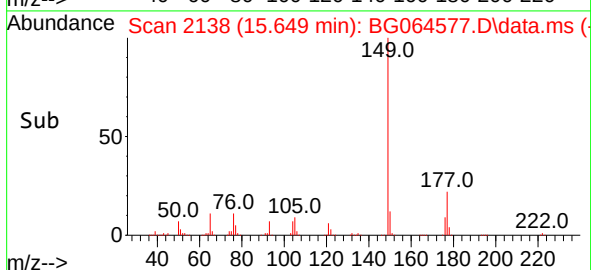
Supervised By :Jagrut Upadhyay 10/27/2025

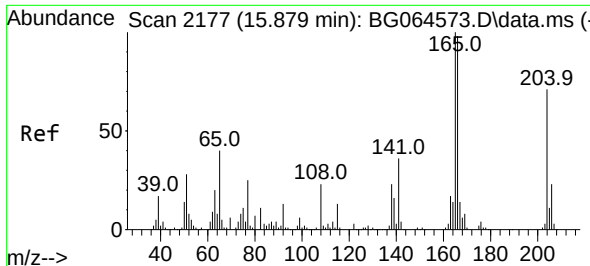


#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:149 Resp: 348964
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 10.2 15.4





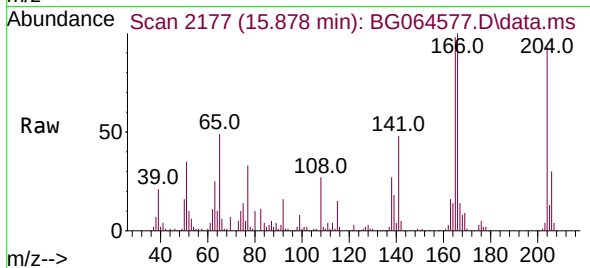
#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

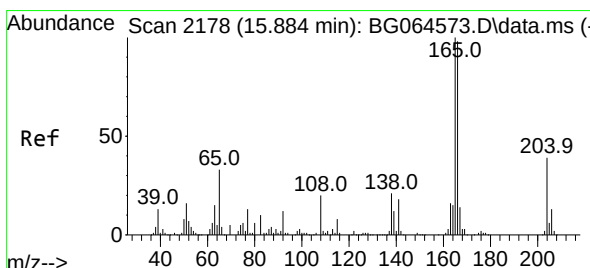
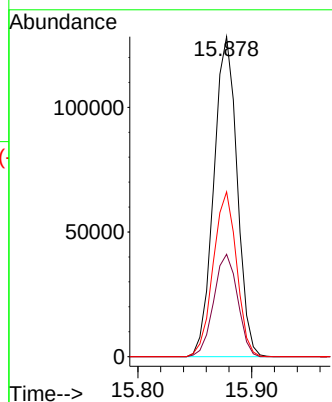
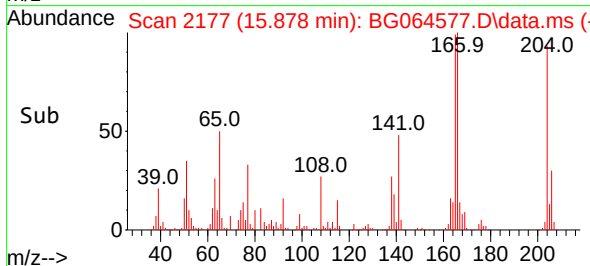


Tgt Ion:204 Resp: 182714
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.5 40.6 60.8

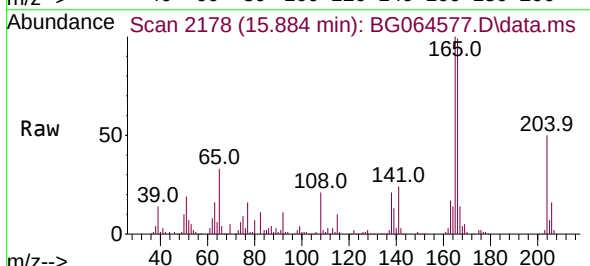
Manual Integrations

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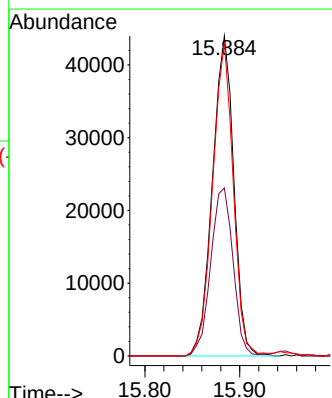
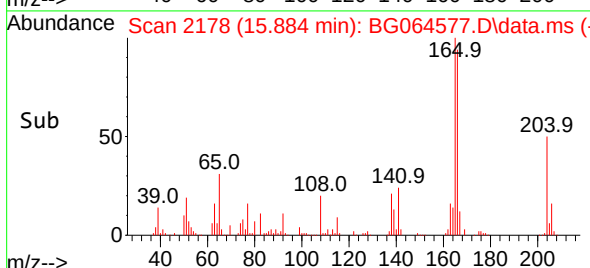
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

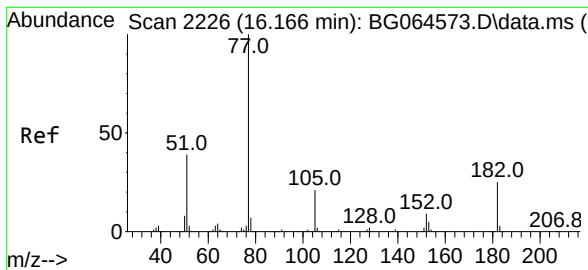


#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:138 Resp: 68807
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 97.9 75.6 115.6





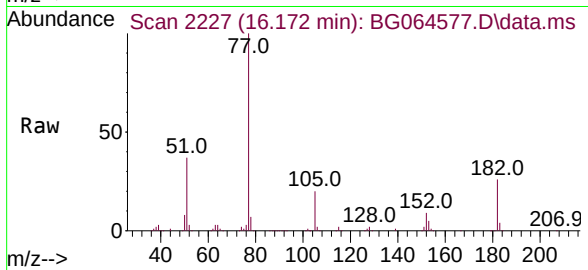
#63
Azobenzene
Concen: 36.325 ng
RT: 16.172 min Scan# 2227
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

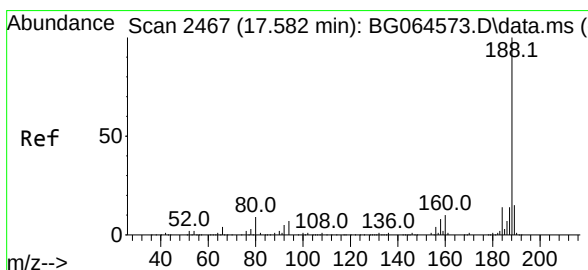
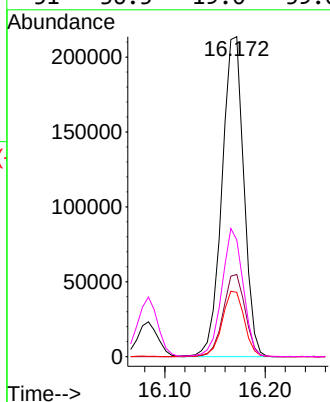
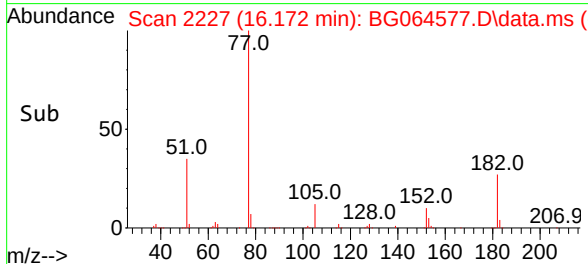


Tgt Ion: 77 Resp: 323432
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 20.1 1.3 41.3
51 36.5 19.0 59.0

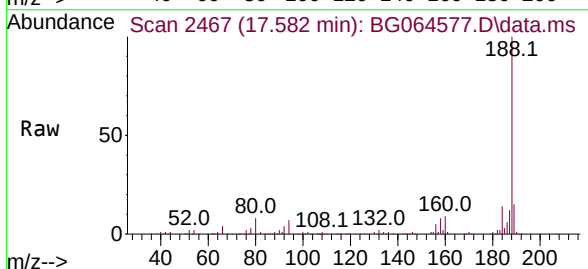
Manual Integrations

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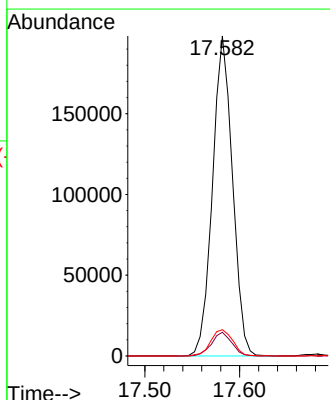
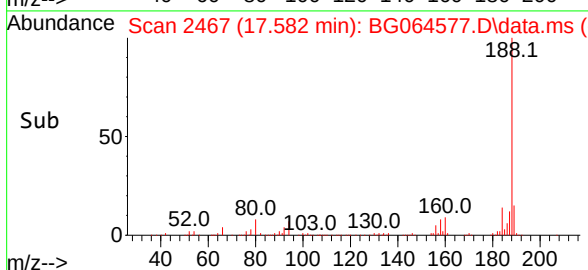
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

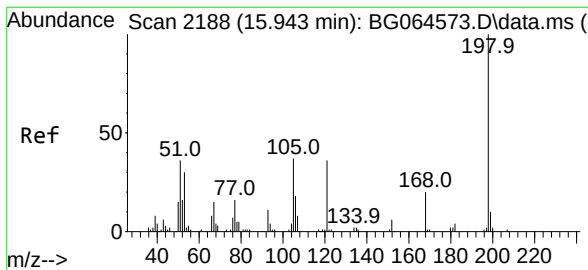


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



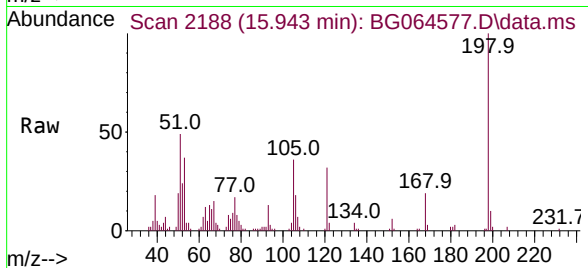
Tgt Ion:188 Resp: 290051
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

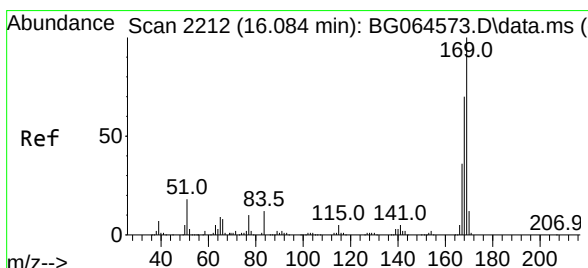
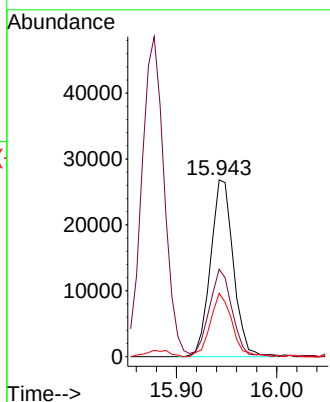
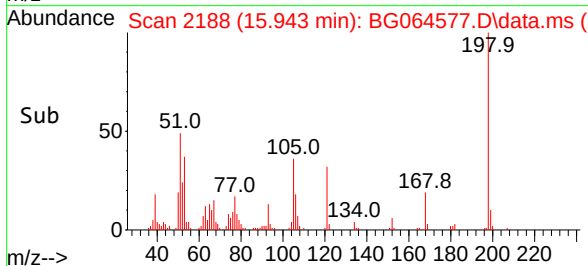
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



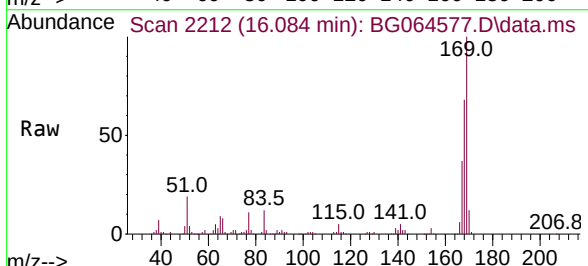
Tgt Ion:198 Resp: 42391
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 35.9 18.0 58.0

Manual Integrations
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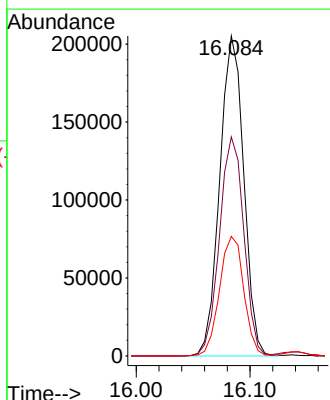
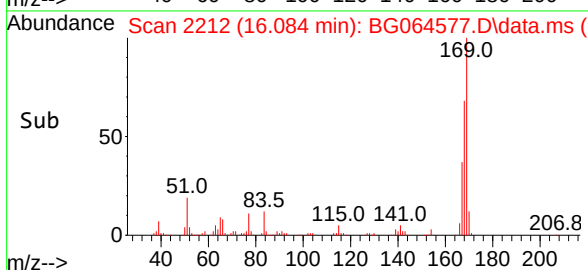
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

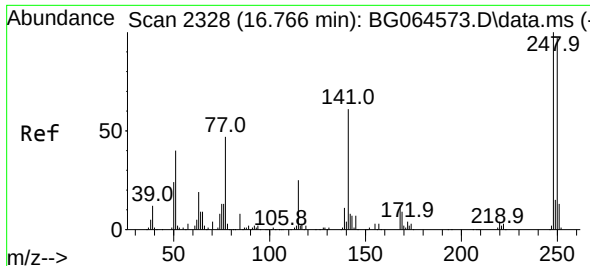


#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



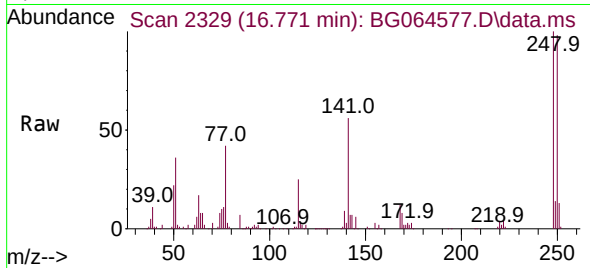
Tgt Ion:169 Resp: 300274
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 37.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.044 ng
RT: 16.771 min Scan# 2328
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

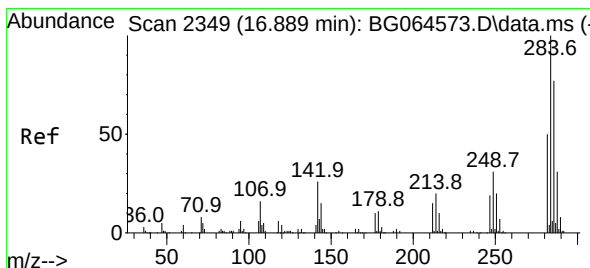
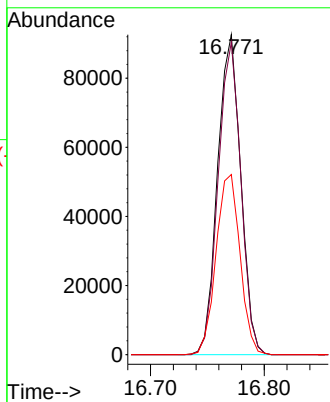
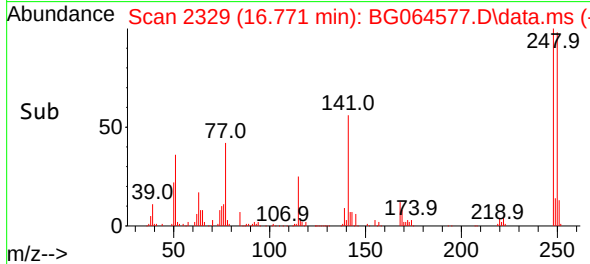
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



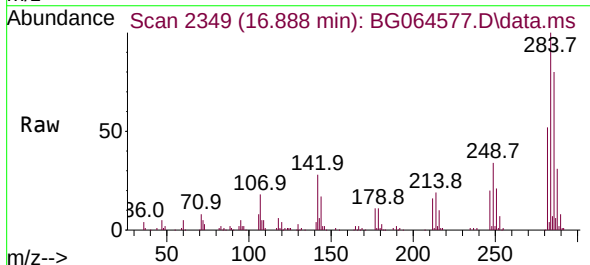
Tgt Ion:248 Resp: 130765
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 56.3 48.6 72.8

Manual Integrations
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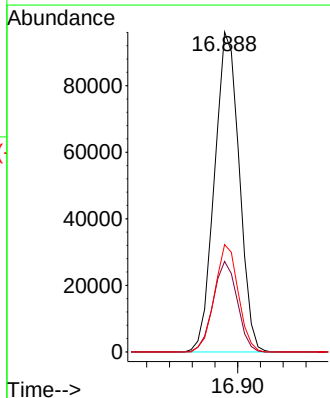
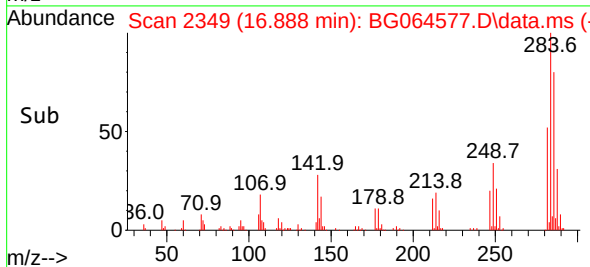
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

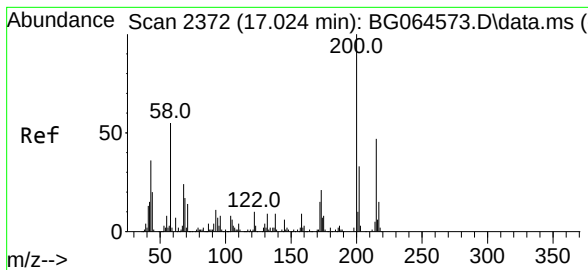


#68
Hexachlorobenzene
Concen: 36.971 ng
RT: 16.888 min Scan# 2349
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:284 Resp: 144974
Ion Ratio Lower Upper
284 100
142 28.3 21.0 31.6
249 33.5 24.9 37.3





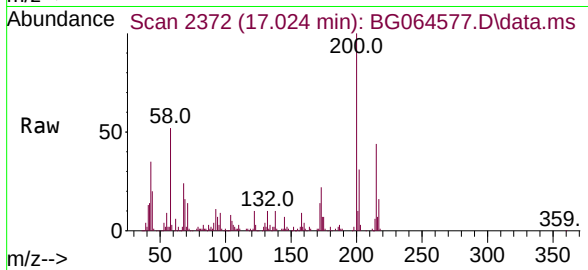
#69
 Atrazine
 Concen: 38.558 ng
 RT: 17.024 min Scan# 2372
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

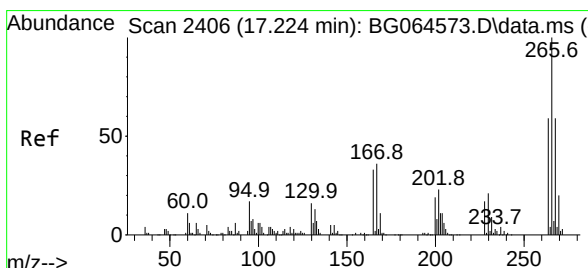
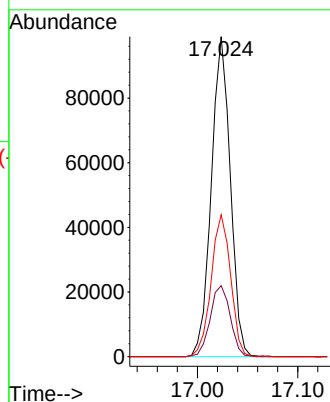
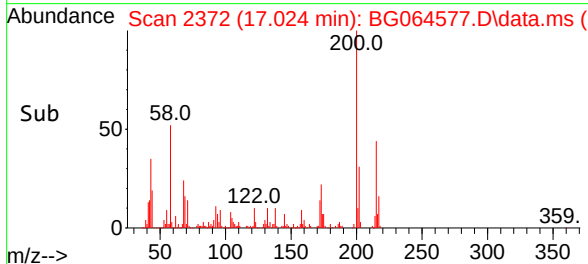


Tgt Ion:200 Resp: 130007
 Ion Ratio Lower Upper
 200 100
 173 22.2 0.9 40.9
 215 44.3 27.0 67.0

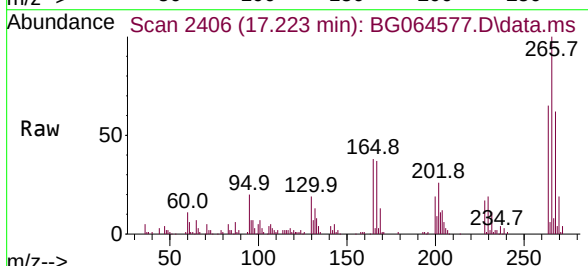
Manual Integrations

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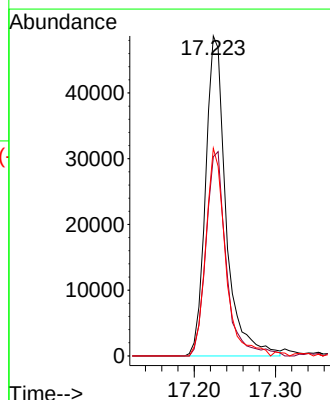
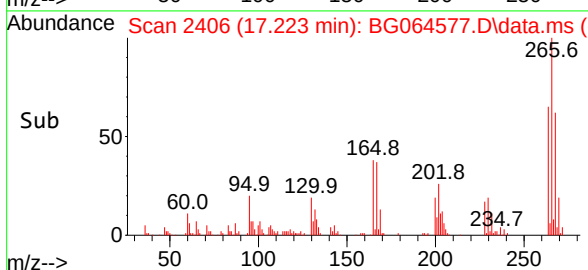
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

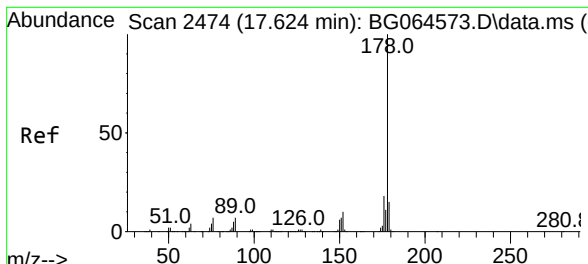


#70
 Pentachlorophenol
 Concen: 34.829 ng
 RT: 17.223 min Scan# 2406
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47



Tgt Ion:266 Resp: 85166
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.3 75.5
 264 70.5 47.3 70.9





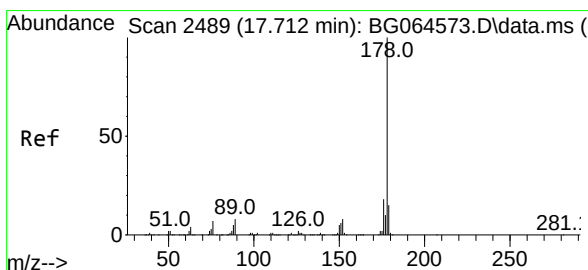
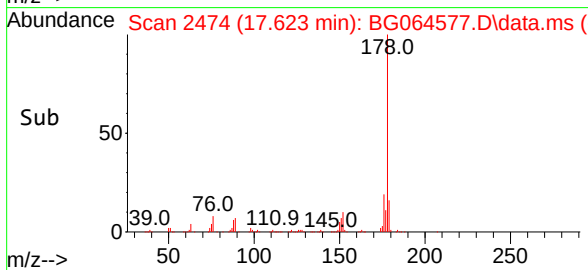
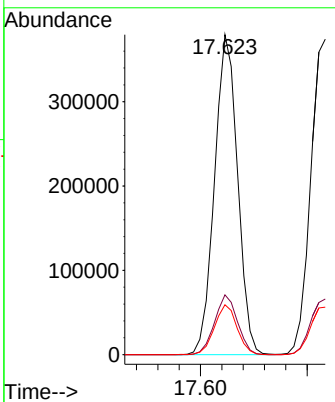
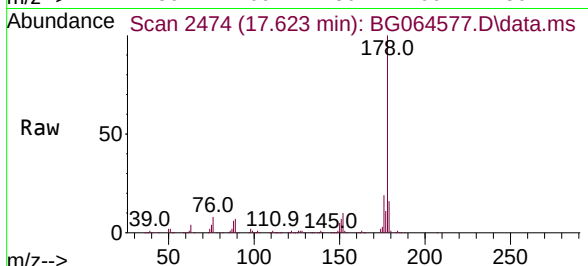
#71
 Phenanthrene
 Concen: 35.925 ng
 RT: 17.623 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Instrument : BNA_G
 ClientSampleId : ICVBG102425

Tgt Ion:178	Resp: 569825
Ion Ratio	Lower Upper
178	100
176	18.7 14.7 22.1
179	15.6 12.2 18.4

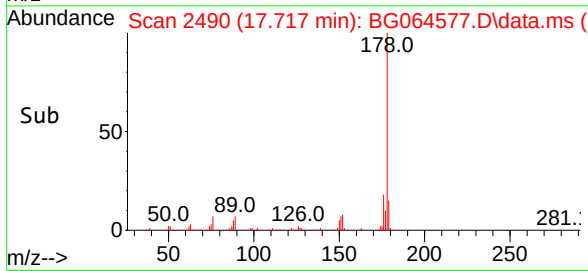
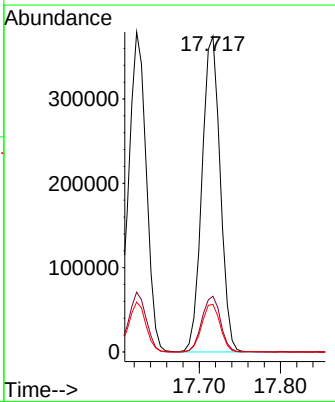
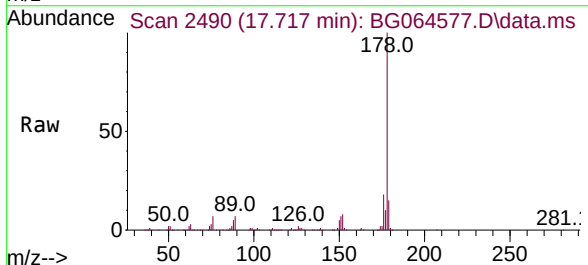
Manual Integrations
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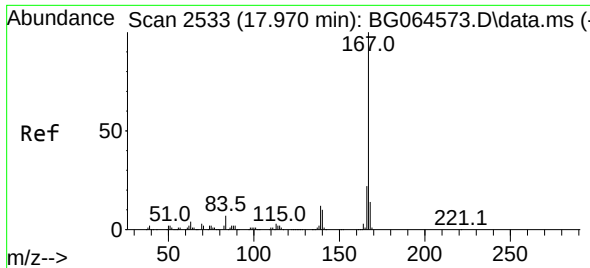
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025



#72
 Anthracene
 Concen: 36.210 ng
 RT: 17.717 min Scan# 2490
 Delta R.T. 0.002 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

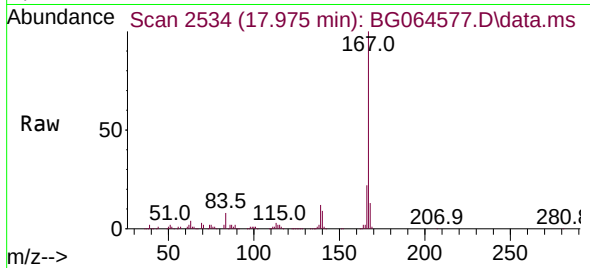
Tgt Ion:178	Resp: 584246
Ion Ratio	Lower Upper
178	100
176	17.6 14.4 21.6
179	15.1 12.4 18.6





#73
 Carbazole
 Concen: 35.061 ng
 RT: 17.975 min Scan# 2534
 Delta R.T. 0.002 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

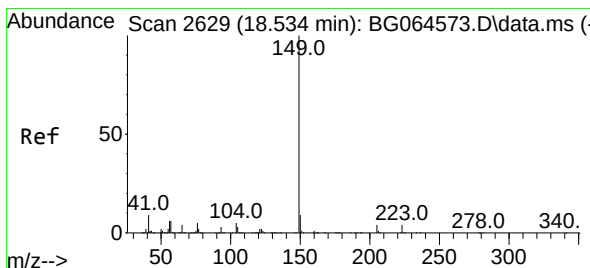
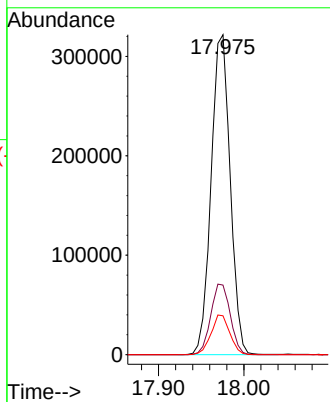
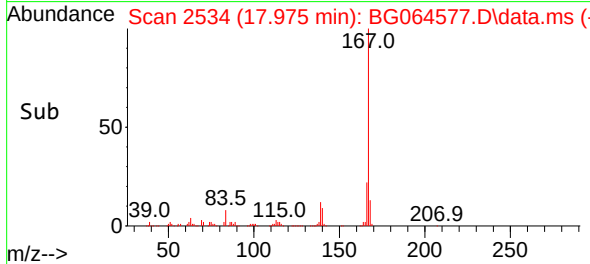
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425



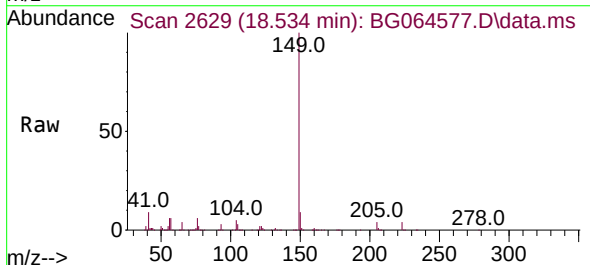
Tgt Ion:167 Resp: 498849
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 12.1 9.7 14.5

Manual Integrations
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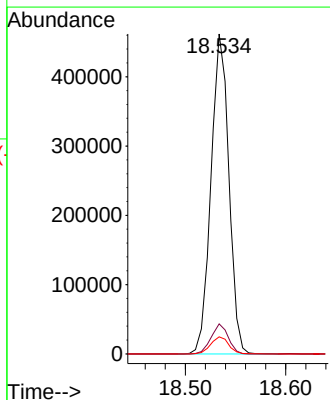
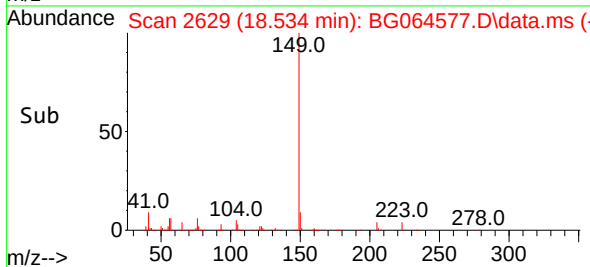
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

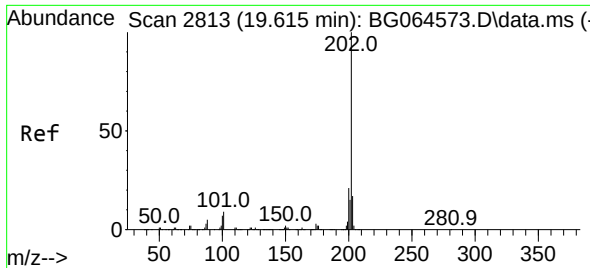


#74
 Di-n-butylphthalate
 Concen: 34.688 ng
 RT: 18.534 min Scan# 2629
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47



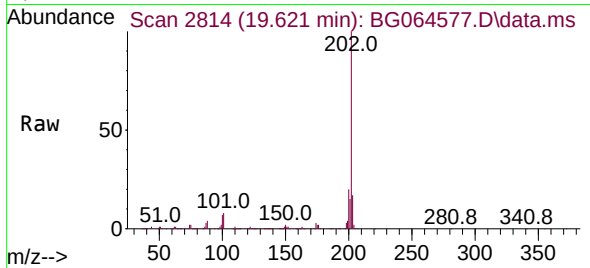
Tgt Ion:149 Resp: 570718
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.3 4.1 6.1





#75
 Fluoranthene
 Concen: 34.070 ng
 RT: 19.621 min Scan# 2813
 Delta R.T. 0.002 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

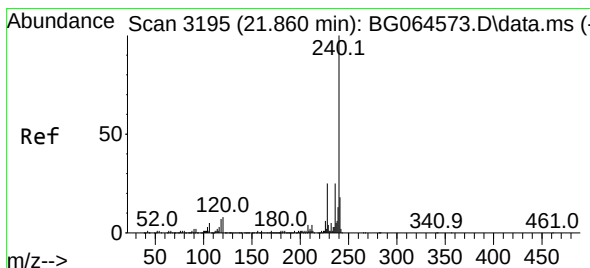
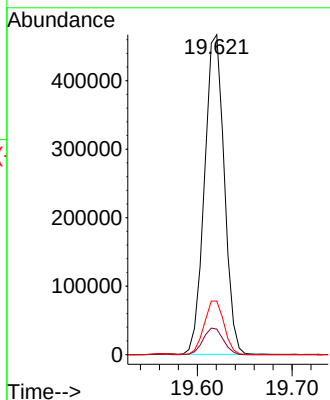
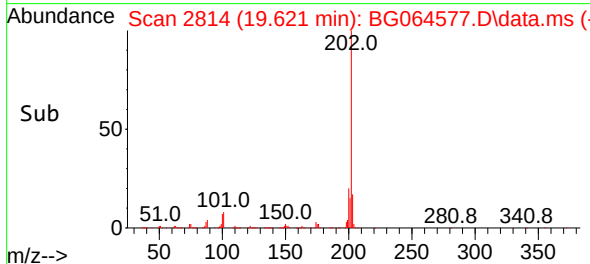
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425



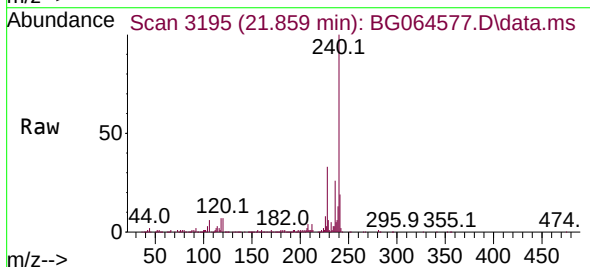
Tgt Ion:202 Resp: 676996
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 28.7
 203 16.7 0.0 37.0

Manual Integrations
 APPROVED

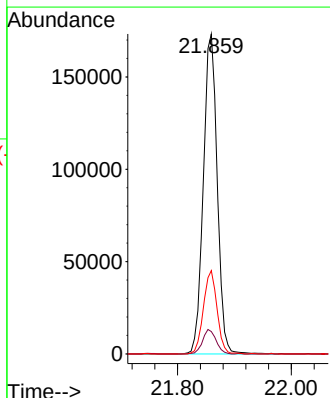
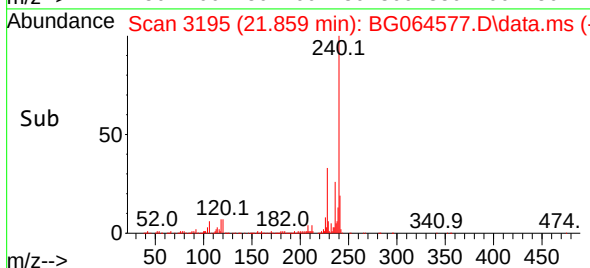
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

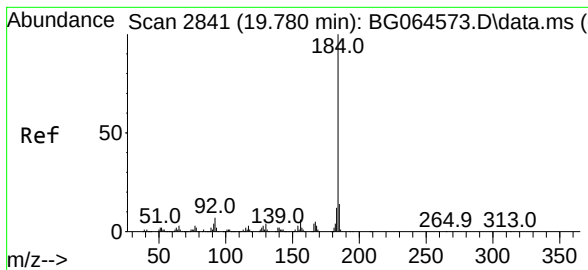


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.859 min Scan# 3195
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47



Tgt Ion:240 Resp: 293608
 Ion Ratio Lower Upper
 240 100
 120 7.0 6.5 9.7
 236 26.0 20.2 30.2





#77

Benzidine

Concen: 54.203 ng

RT: 19.785 min Scan# 2841

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

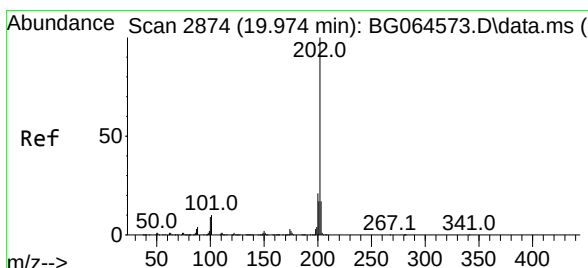
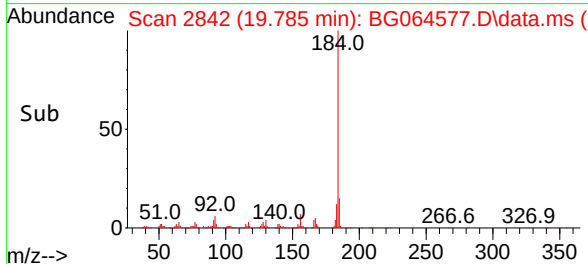
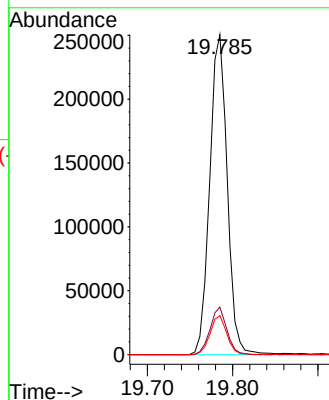
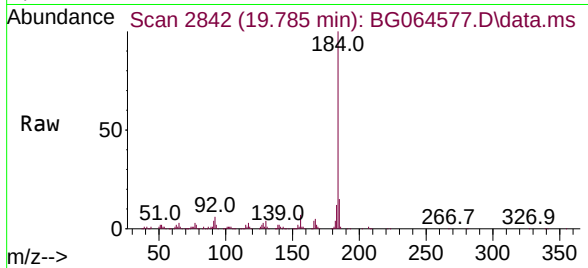
Tgt Ion:184 Resp: 356547
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.4 17.2
 183 12.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#78

Pyrene

Concen: 36.130 ng

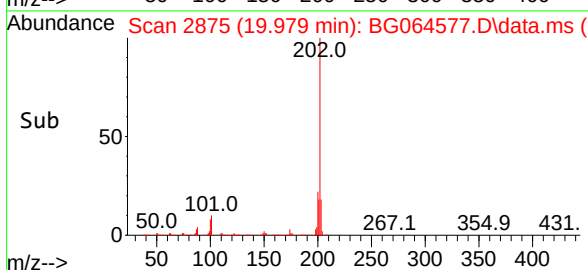
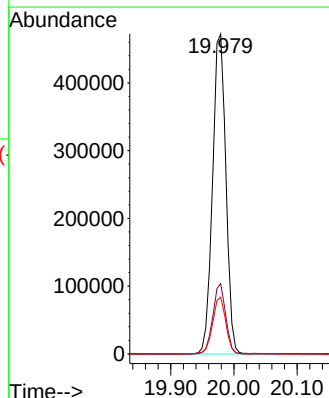
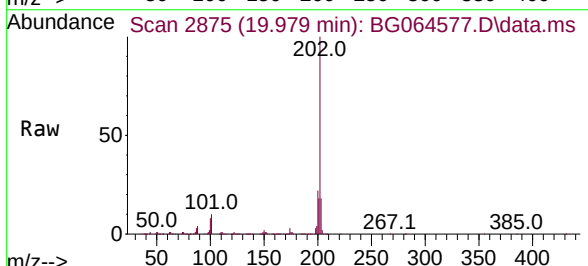
RT: 19.979 min Scan# 2875

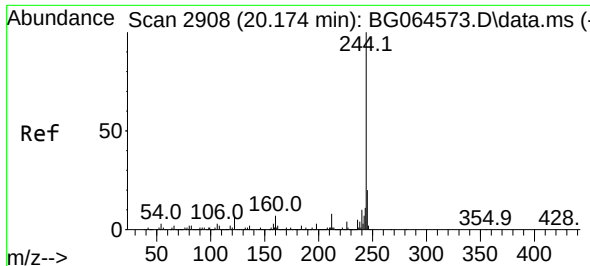
Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:202 Resp: 693068
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.0 25.4
 203 17.7 13.8 20.6





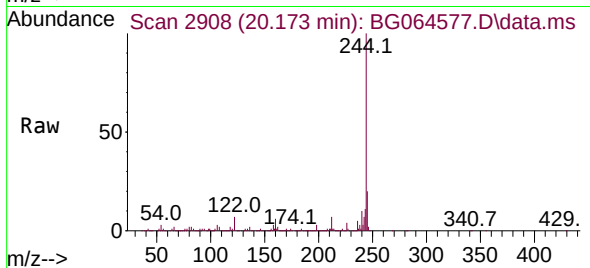
#79
 Terphenyl-d14
 Concen: 74.019 ng
 RT: 20.173 min Scan# 2908
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



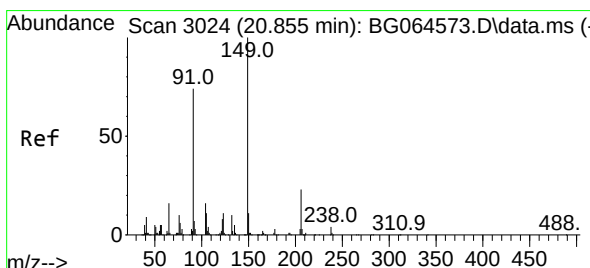
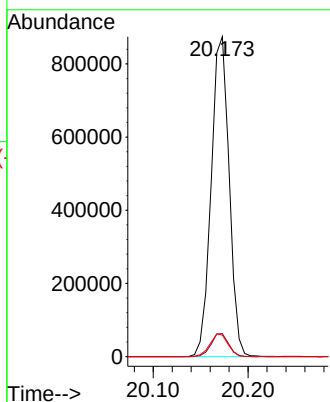
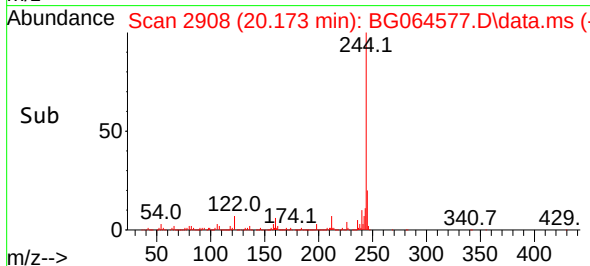
Tgt Ion:244 Resp: 1151597
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.7 5.6 8.4

Manual Integrations

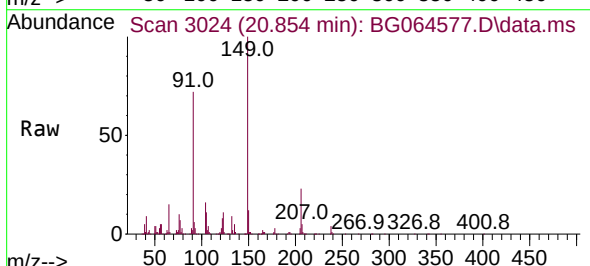
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

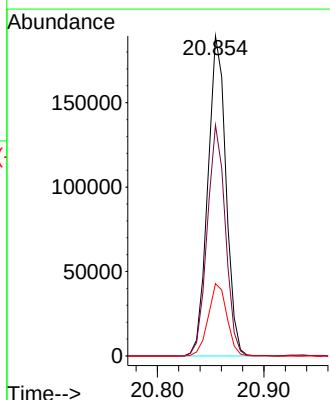
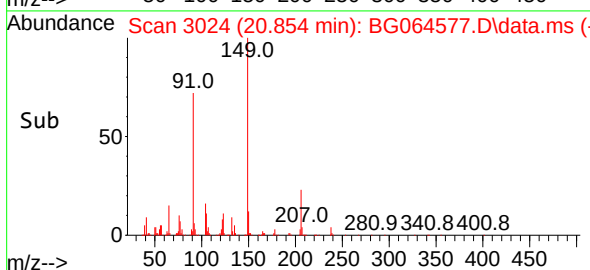
Supervised By :Jagrut Upadhyay 10/27/2025

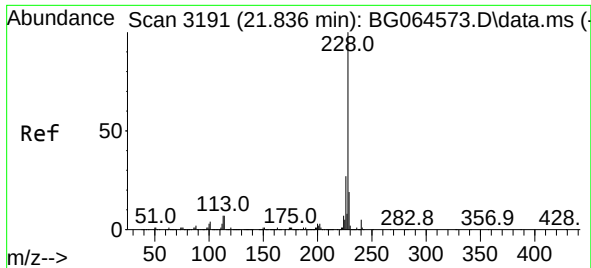


#80
 Butylbenzylphthalate
 Concen: 38.702 ng
 RT: 20.854 min Scan# 3024
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47



Tgt Ion:149 Resp: 224386
 Ion Ratio Lower Upper
 149 100
 91 72.1 59.2 88.8
 206 22.6 18.1 27.1





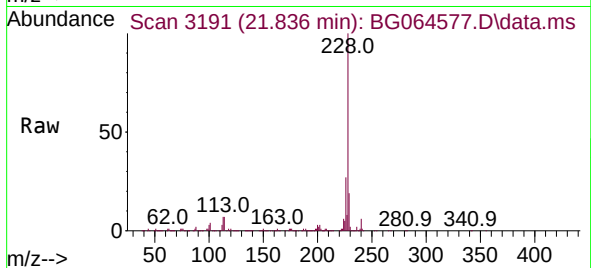
#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

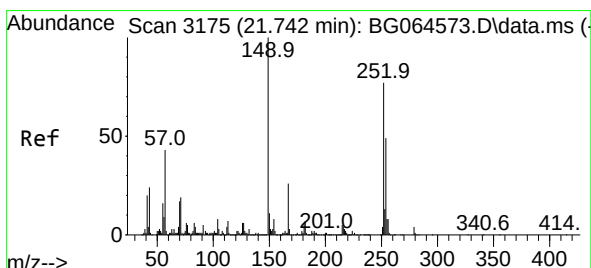
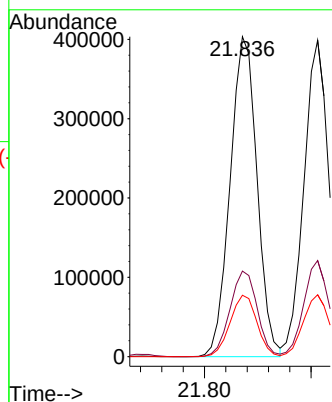
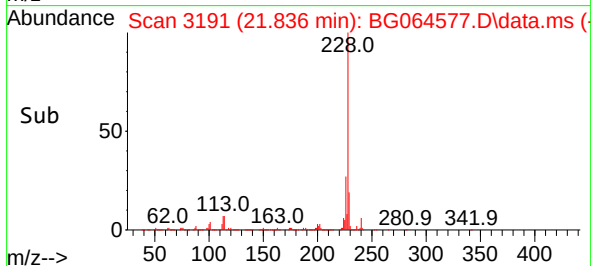


Tgt Ion:228 Resp: 706428
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4

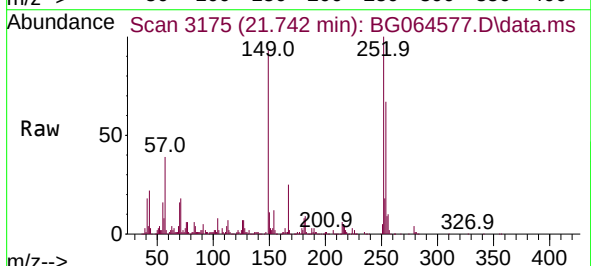
Manual Integrations

APPROVED

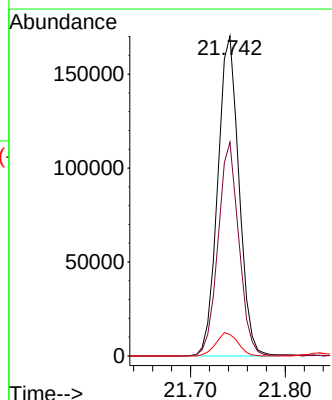
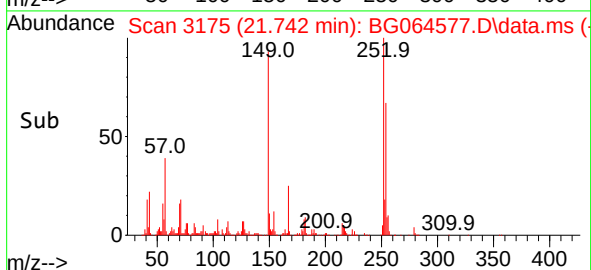
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

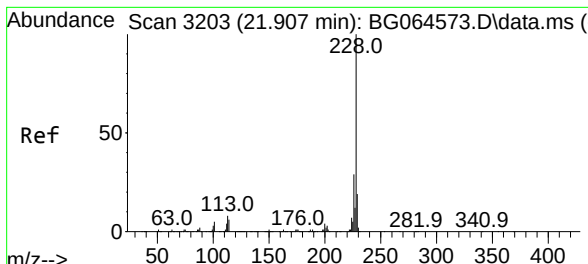


#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:252 Resp: 265324
Ion Ratio Lower Upper
252 100
254 66.8 50.8 76.2
126 6.7 5.8 8.6





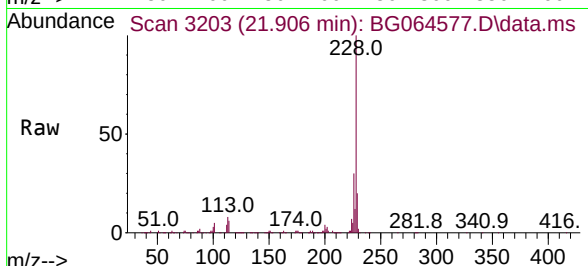
#83
 Chrysene
 Concen: 35.533 ng
 RT: 21.906 min Scan# 3176
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion: 228 Resp: 65821

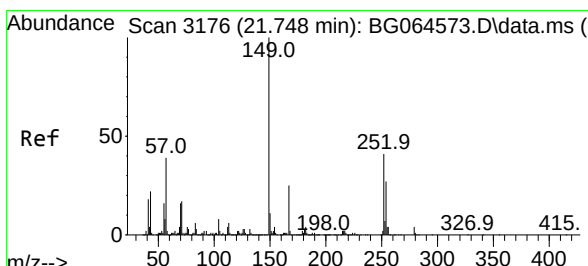
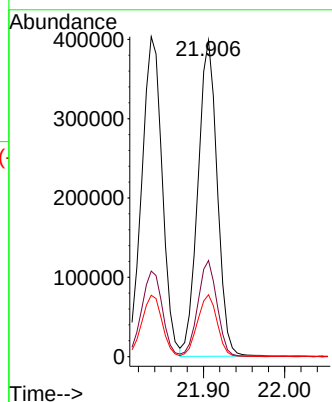
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.5	15.2	22.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

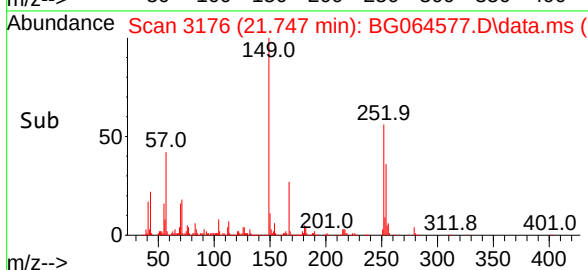
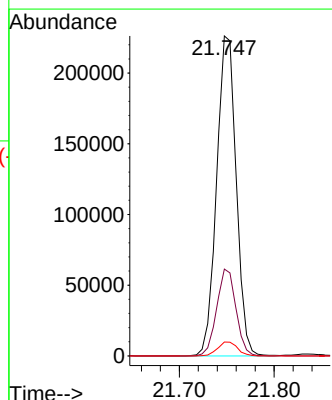
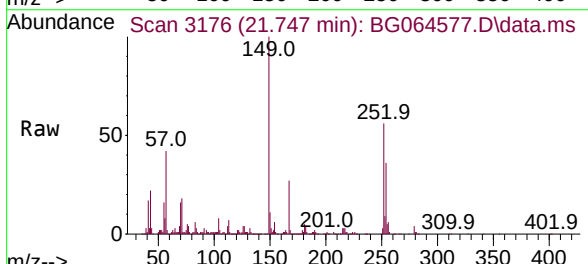
Supervised By :Jagrut Upadhyay 10/27/2025

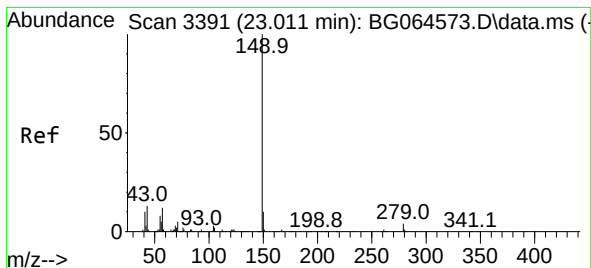


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.470 ng
 RT: 21.747 min Scan# 3176
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion: 149 Resp: 324614

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.0	30.0
279	4.3	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 36.087 ng

RT: 23.017 min Scan# 3391

Delta R.T. 0.002 min

Lab File: BG064577.D

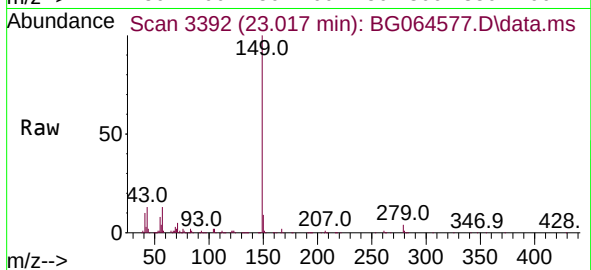
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:149 Resp: 527097

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

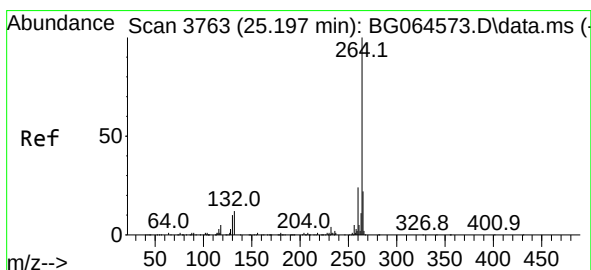
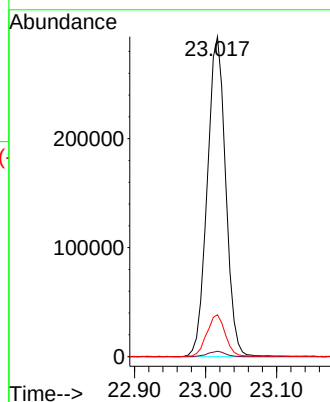
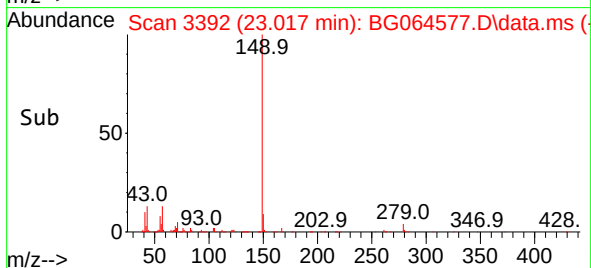
43 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.202 min Scan# 3764

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

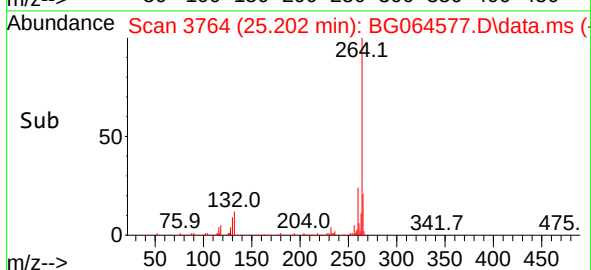
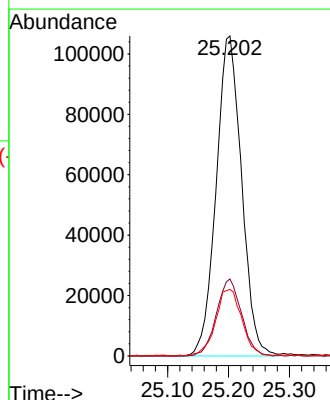
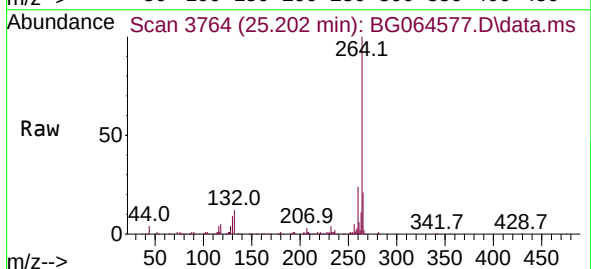
Tgt Ion:264 Resp: 306886

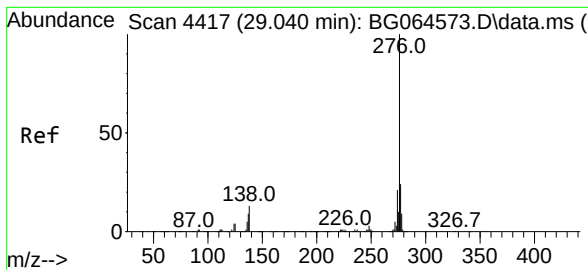
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.8 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.366 ng
 RT: 29.045 min Scan# 4417
 Delta R.T. -0.016 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

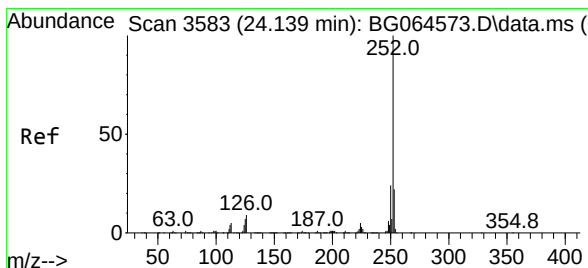
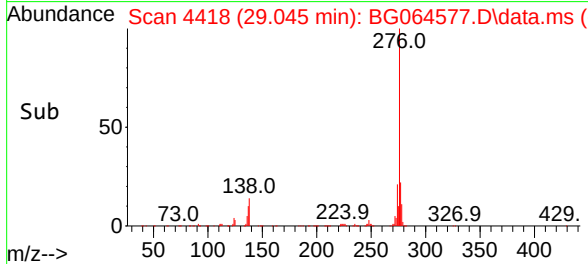
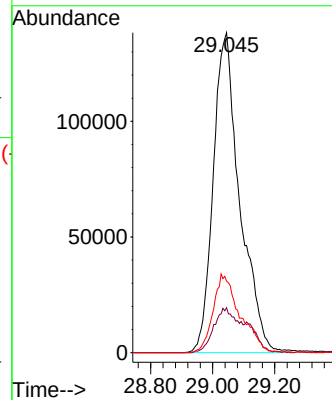
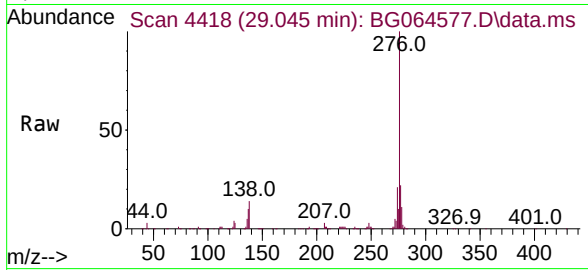
Tgt Ion:276 Resp: 820974
 Ion Ratio Lower Upper
 276 100
 138 12.6 10.8 16.2
 277 25.0 20.1 30.1

Manual Integrations

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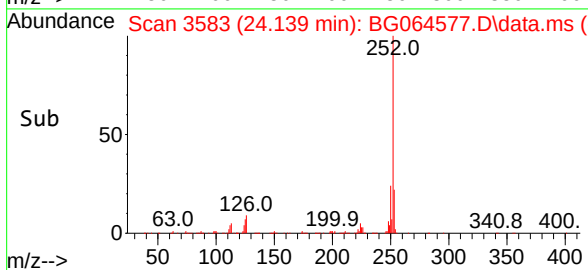
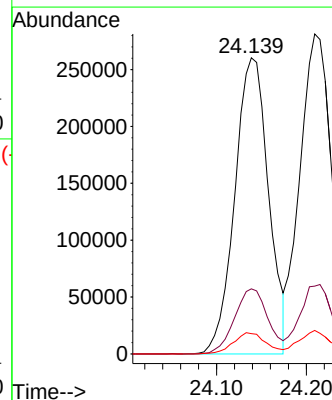
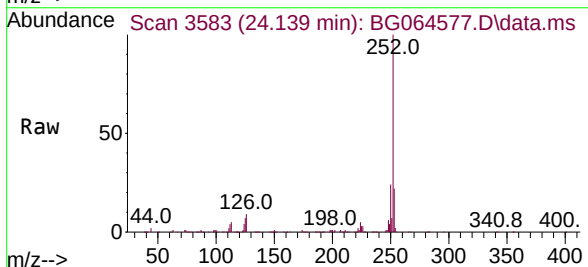
Reviewed By :Rahul Chavli 10/27/2025

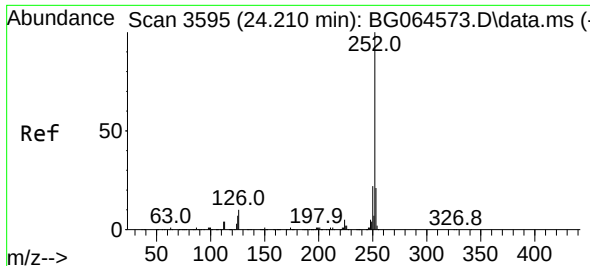
Supervised By :Jagrut Upadhyay 10/27/2025



#88
 Benzo(b)fluoranthene
 Concen: 36.235 ng
 RT: 24.139 min Scan# 3583
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 6.8 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 37.252 ng
RT: 24.209 min Scan# 3595
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

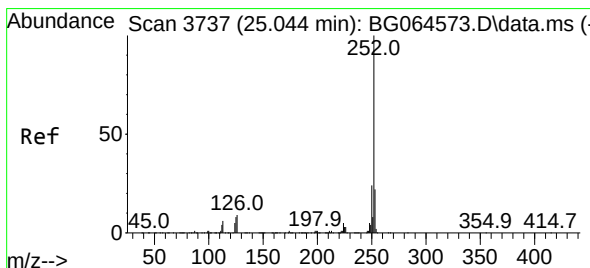
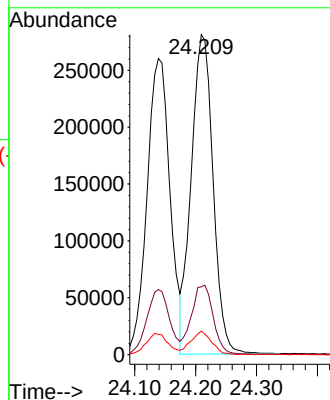
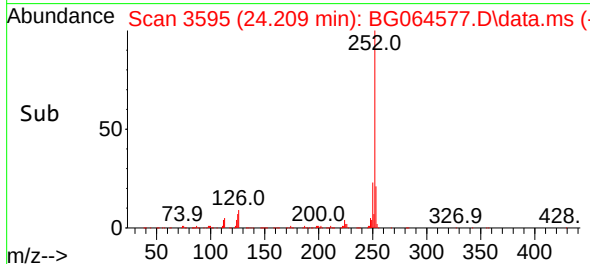
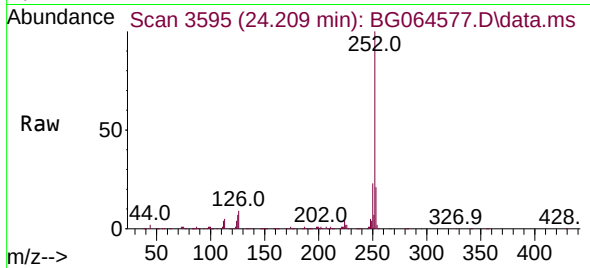
ICVBG102425

Tgt Ion:252 Resp: 701500
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 7.3 5.4 8.0

Manual Integrations

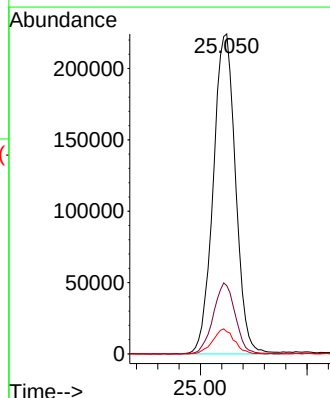
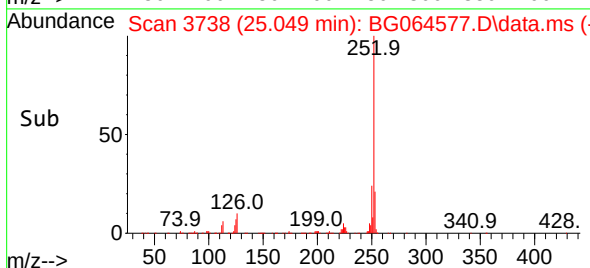
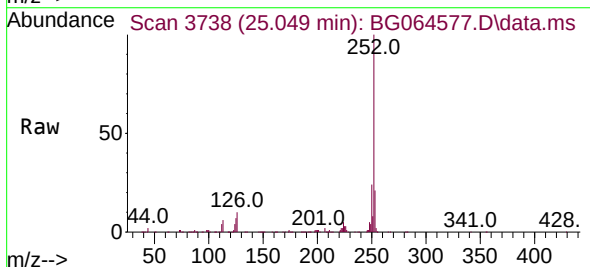
APPROVED

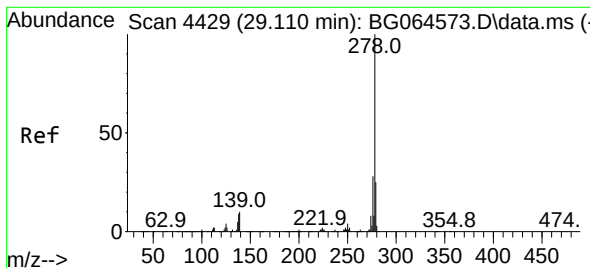
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#90
Benzo(a)pyrene
Concen: 37.700 ng
RT: 25.049 min Scan# 3738
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 652126
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 6.9 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 36.776 ng

RT: 29.121 min Scan# 4429

Delta R.T. -0.016 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:278 Resp: 674510

Ion Ratio Lower Upper

278 100

139 9.4 8.0 12.0

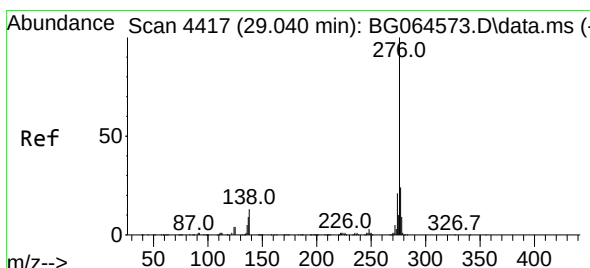
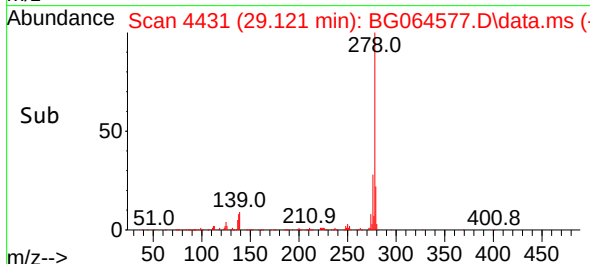
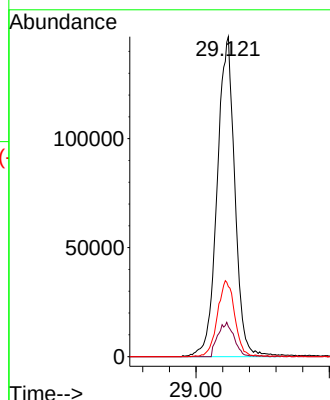
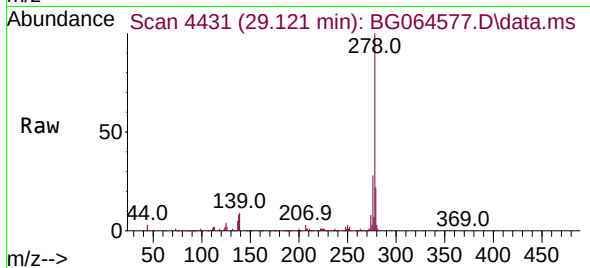
279 21.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#92

Benzo(g,h,i)perylene

Concen: 36.366 ng

RT: 29.045 min Scan# 4418

Delta R.T. -0.016 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 820974

Ion Ratio Lower Upper

276 100

277 22.3 19.2 28.8

138 14.0 10.7 16.1

