

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064234.D
 Acq On : 29 Aug 2025 19:18
 Operator : RC/JU
 Sample : PB169461BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169461BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/02/2025
 Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 23:21:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	28447	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	138017	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	101903	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	239191	20.000	ng	0.00
76) Chrysene-d12	21.451	240	246917	20.000	ng	0.00
86) Perylene-d12	24.459	264	260584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	241494	152.305	ng	0.00
7) Phenol-d6	7.027	99	332064	152.440	ng	0.00
23) Nitrobenzene-d5	9.007	82	228131	92.184	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	186116	137.889	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	574617	86.069	ng	0.00
79) Terphenyl-d14	19.841	244	1121681	94.778	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	24208	36.629	ng	96
3) Pyridine	3.742	79	68726	35.327	ng	# 59
4) n-Nitrosodimethylamine	3.660	42	59415	46.174	ng	86
6) Aniline	7.185	93	106137	35.234	ng	97
8) 2-Chlorophenol	7.420	128	104248	53.804	ng	98
9) Benzaldehyde	6.991	77	19917	11.110	ng	94
10) Phenol	7.050	94	129888	54.083	ng	97
11) bis(2-Chloroethyl)ether	7.279	93	84542	46.845	ng	96
12) 1,3-Dichlorobenzene	7.743	146	95332	46.249	ng	96
13) 1,4-Dichlorobenzene	7.890	146	97829	47.026	ng	96
14) 1,2-Dichlorobenzene	8.208	146	98753	49.185	ng	93
15) Benzyl Alcohol	8.090	79	103225	51.350	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	194652	47.242	ng	98
17) 2-Methylphenol	8.296	107	94165	52.609	ng	89
18) Hexachloroethane	8.936	117	37887	46.656	ng	83
19) n-Nitroso-di-n-propyla...	8.660	70	79306	47.570	ng	98
20) 3+4-Methylphenols	8.625	107	129137	51.923	ng	99
22) Acetophenone	8.672	105	162892	46.651	ng	98
24) Nitrobenzene	9.054	77	123397	47.724	ng	99
25) Isophorone	9.577	82	232072	45.121	ng	98
26) 2-Nitrophenol	9.759	139	54670	48.933	ng	94
27) 2,4-Dimethylphenol	9.823	122	108163	55.143	ng	98
28) bis(2-Chloroethoxy)met...	10.058	93	131294	47.342	ng	97
29) 2,4-Dichlorophenol	10.293	162	102602	49.575	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	106005	48.577	ng	93
31) Naphthalene	10.693	128	327451	45.753	ng	99
32) Benzoic acid	9.976	122	78849	50.640	ng	94
33) 4-Chloroaniline	10.799	127	52446	18.907	ng	97
34) Hexachlorobutadiene	10.987	225	69904	43.336	ng	90
35) Caprolactam	11.574	113	39299m	49.039	ng	
36) 4-Chloro-3-methylphenol	11.927	107	137931	51.365	ng	95
37) 2-Methylnaphthalene	12.303	142	221936	41.719	ng	97
38) 1-Methylnaphthalene	12.520	142	233119	44.366	ng	96
40) 1,2,4,5-Tetrachloroben...	12.673	216	129778	44.139	ng	97
41) Hexachlorocyclopentadiene	12.661	237	168264	120.413	ng	96
43) 2,4,6-Trichlorophenol	12.914	196	94416	48.044	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064234.D
 Acq On : 29 Aug 2025 19:18
 Operator : RC/JU
 Sample : PB169461BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169461BS

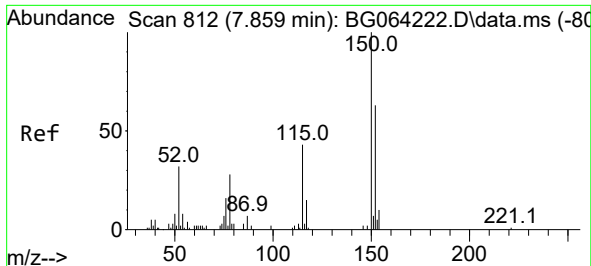
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/02/2025
 Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 23:21:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

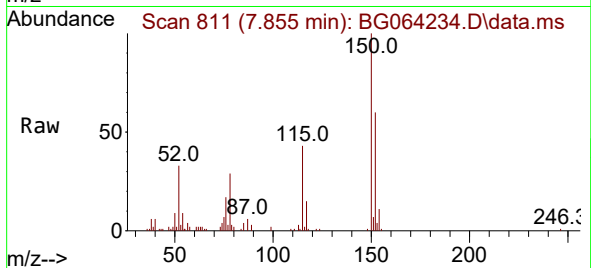
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	105986	49.717	ng	94
46) 1,1'-Biphenyl	13.313	154	337085	45.417	ng	99
47) 2-Chloronaphthalene	13.355	162	251416	45.058	ng	98
48) 2-Nitroaniline	13.554	65	97916	51.485	ng	92
49) Acenaphthylene	14.206	152	431393	52.301	ng	99
50) Dimethylphthalate	13.942	163	359550	46.615	ng	99
51) 2,6-Dinitrotoluene	14.054	165	78682	52.692	ng	92
52) Acenaphthene	14.547	154	262344	45.069	ng	97
53) 3-Nitroaniline	14.383	138	43582	27.863	ng	96
54) 2,4-Dinitrophenol	14.588	184	98692	99.665	ng	88
55) Dibenzofuran	14.882	168	428708	46.824	ng	97
56) 4-Nitrophenol	14.700	139	133847	104.318	ng	97
57) 2,4-Dinitrotoluene	14.847	165	118095	52.306	ng	# 92
58) Fluorene	15.528	166	359132	47.857	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	106493m	51.938	ng	
60) Diethylphthalate	15.305	149	395416	47.901	ng	99
61) 4-Chlorophenyl-phenyle...	15.523	204	174650	46.679	ng	98
62) 4-Nitroaniline	15.546	138	81487	51.055	ng	93
63) Azobenzene	15.816	77	358197	48.685	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	72156	52.543	ng	97
66) n-Nitrosodiphenylamine	15.740	169	324778	49.359	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	122779	48.329	ng	94
68) Hexachlorobenzene	16.533	284	132774	47.063	ng	93
69) Atrazine	16.692	200	131241	47.769	ng	96
70) Pentachlorophenol	16.874	266	181659	106.195	ng	94
71) Phenanthrene	17.268	178	602141	47.729	ng	97
72) Anthracene	17.356	178	617973	48.155	ng	100
73) Carbazole	17.620	167	563793	49.871	ng	98
74) Di-n-butylphthalate	18.190	149	679604	50.037	ng	99
75) Fluoranthene	19.271	202	712387	48.025	ng	98
77) Benzidine	19.453	184	216053	41.595	ng	98
78) Pyrene	19.635	202	737229	47.392	ng	99
80) Butylbenzylphthalate	20.534	149	298895	50.942	ng	96
81) Benzo(a)anthracene	21.433	228	771391	48.832	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	149848	29.127	ng	96
83) Chrysene	21.498	228	739682	48.774	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	440848	50.045	ng	97
85) Di-n-octyl phthalate	22.503	149	771916	50.291	ng	100
87) Indeno(1,2,3-cd)pyrene	27.855	276	905089	50.860	ng	# 92
88) Benzo(b)fluoranthene	23.513	252	762418	51.840	ng	98
89) Benzo(k)fluoranthene	23.578	252	759498	50.690	ng	98
90) Benzo(a)pyrene	24.324	252	729597	53.330	ng	99
91) Dibenzo(a,h)anthracene	27.914	278	751157	52.572	ng	99
92) Benzo(g,h,i)perylene	28.919	276	728832	52.421	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

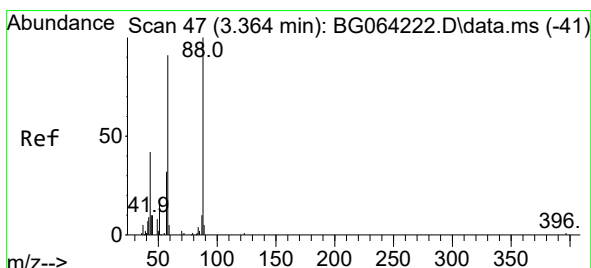
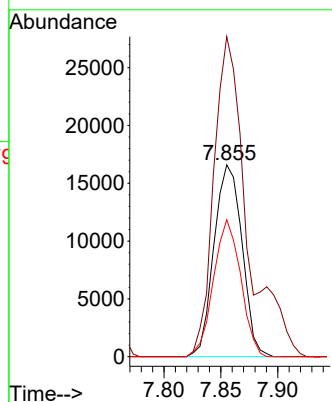
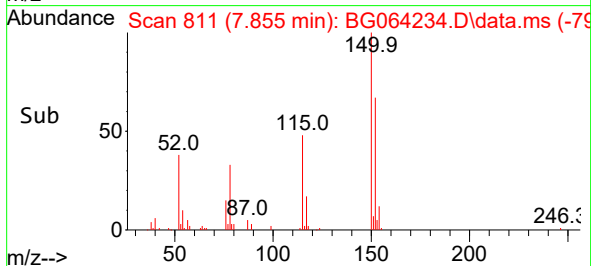
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:152 Resp: 2844
Ion Ratio Lower Upper
152 100
150 166.8 128.0 192.0
115 71.4 55.7 83.5

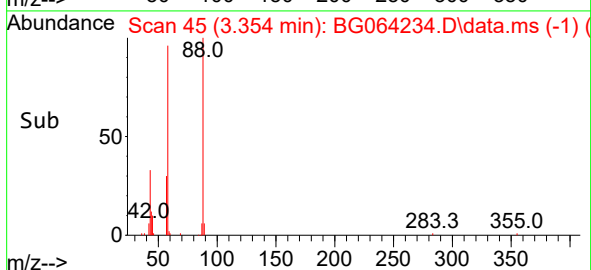
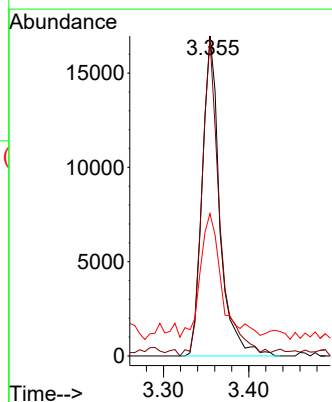
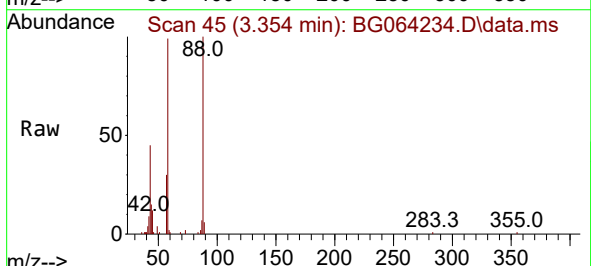
Manual Integrations
APPROVED

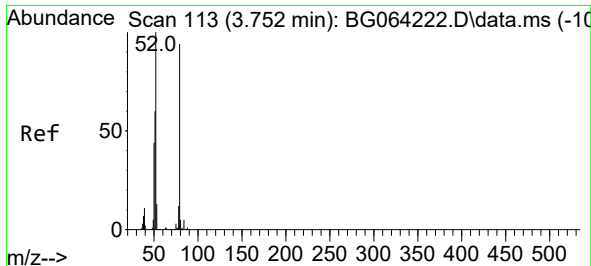
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#2
1,4-Dioxane
Concen: 36.629 ng
RT: 3.354 min Scan# 45
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

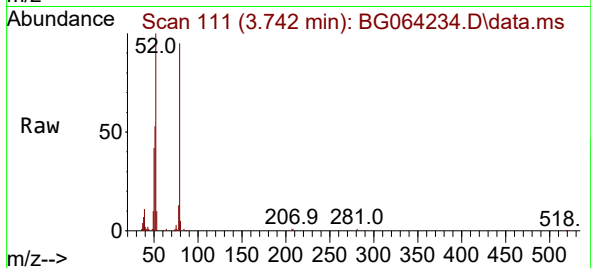
Tgt Ion: 88 Resp: 24208
Ion Ratio Lower Upper
88 100
58 100.2 80.8 121.2
43 43.2 40.3 60.5





#3
Pyridine
Concen: 35.327 ng
RT: 3.742 min Scan# 113
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

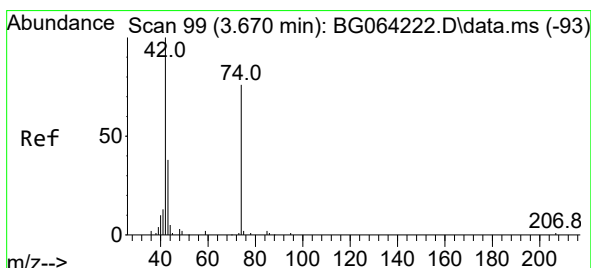
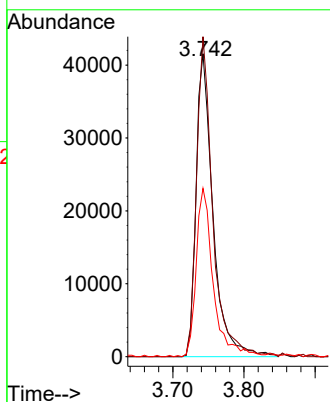
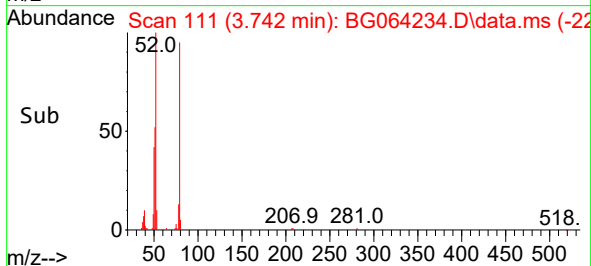
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion: 79 Resp: 68720
Ion Ratio Lower Upper
79 100
52 105.6 86.6 129.8
51 55.6 114.1 171.1

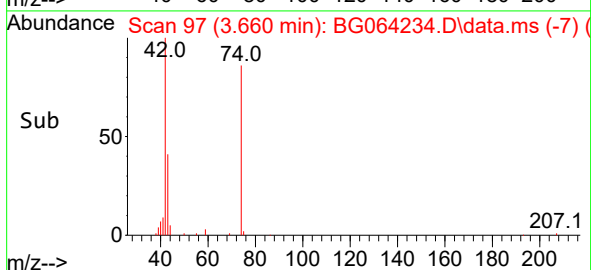
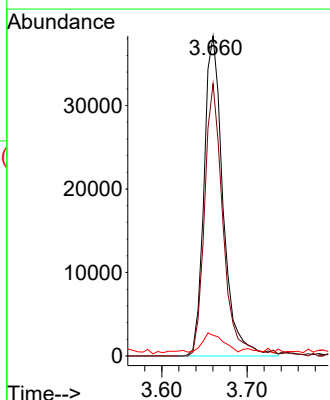
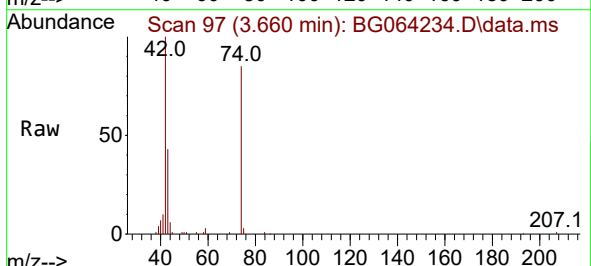
Manual Integrations
APPROVED

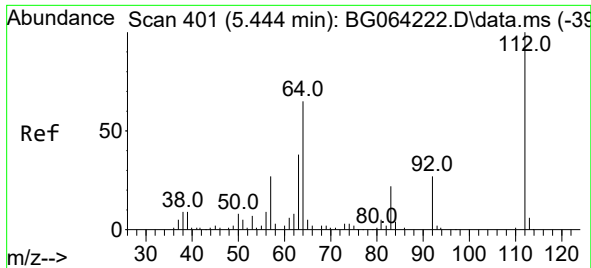
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#4
n-Nitrosodimethylamine
Concen: 46.174 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion: 42 Resp: 59415
Ion Ratio Lower Upper
42 100
74 85.1 58.0 87.0
44 6.4 5.5 8.3





#5
2-Fluorophenol
Concen: 152.305 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

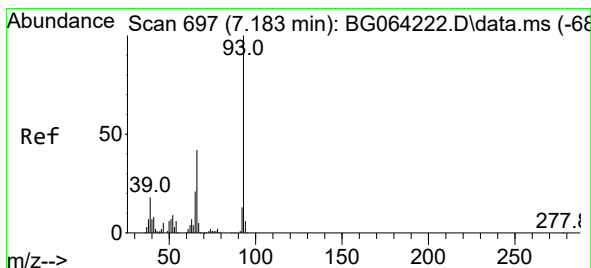
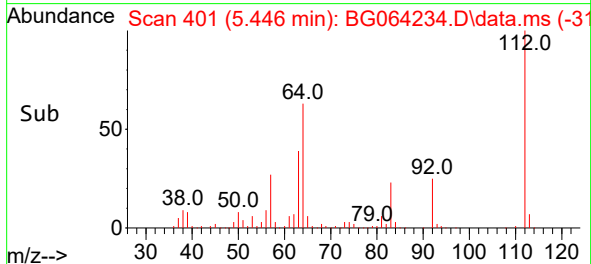
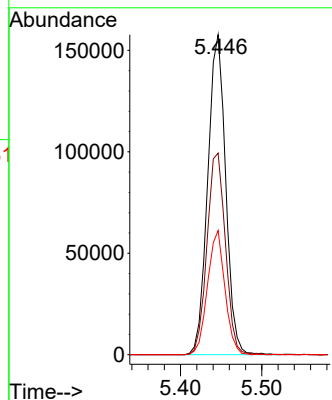
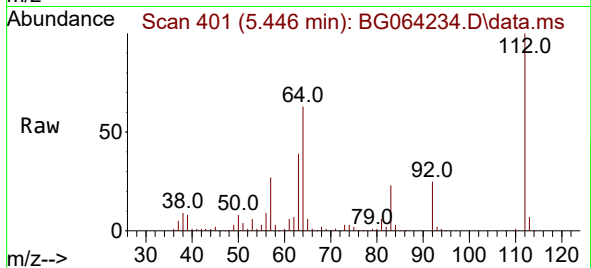
PB169461BS

Tgt Ion:112 Resp: 241494
Ion Ratio Lower Upper
112 100
64 63.0 51.8 77.6
63 38.8 30.6 45.8

Manual Integrations

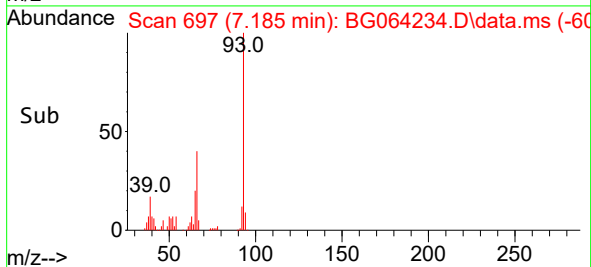
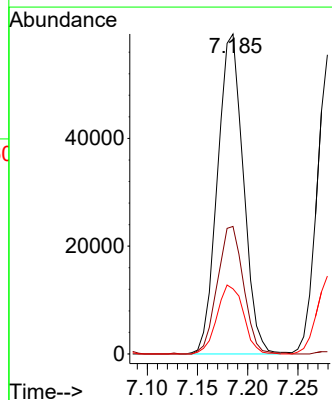
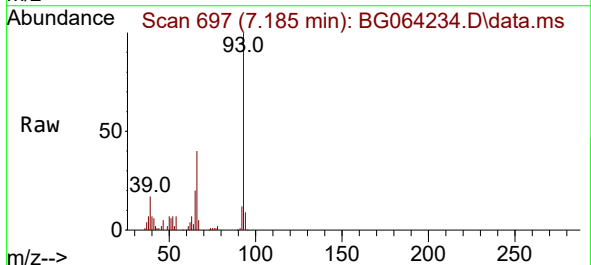
APPROVED

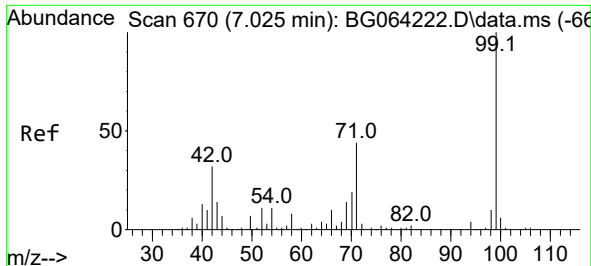
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#6
Aniline
Concen: 35.234 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

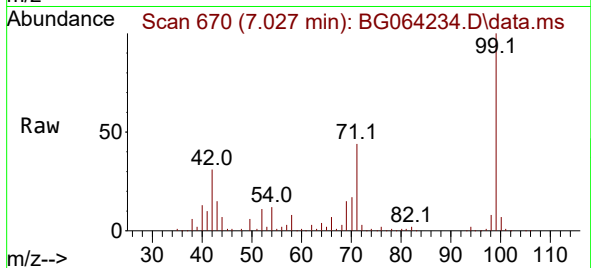
Tgt Ion: 93 Resp: 106137
Ion Ratio Lower Upper
93 100
66 39.9 33.8 50.8
65 20.4 16.9 25.3





#7
Phenol-d6
Concen: 152.440 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

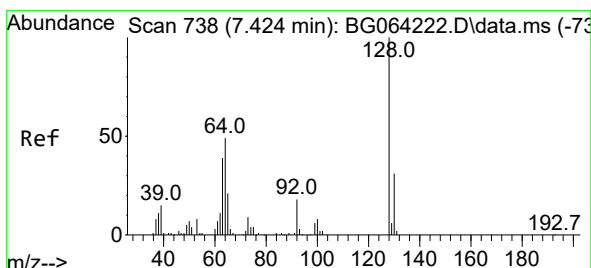
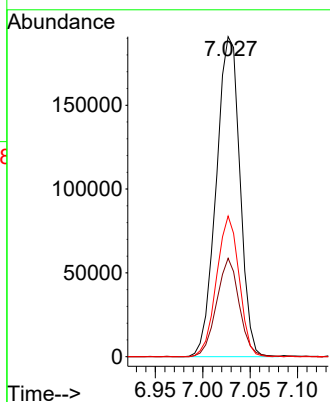
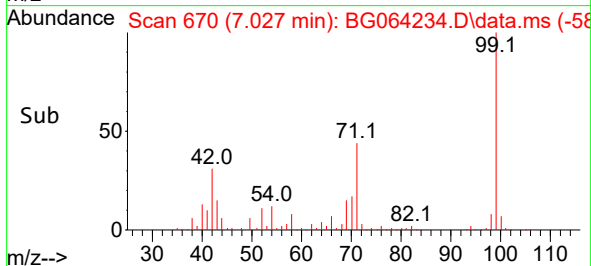
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion: 99 Resp: 332064
Ion Ratio Lower Upper
99 100
42 30.8 25.8 38.8
71 44.0 35.2 52.8

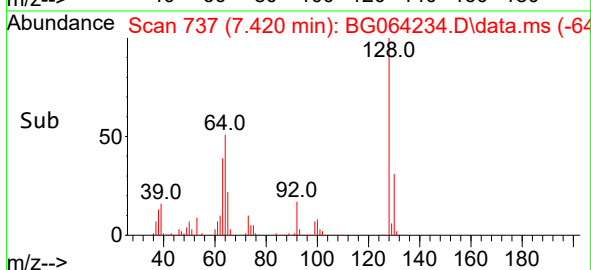
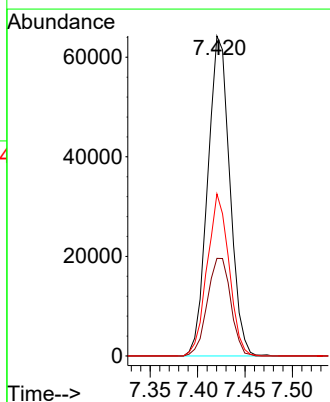
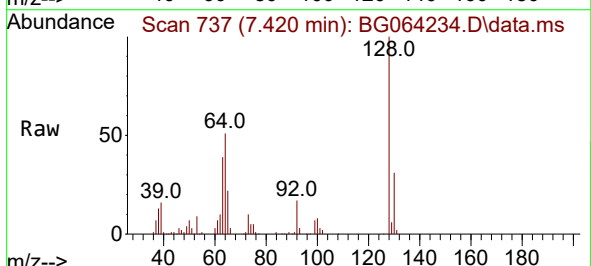
Manual Integrations
APPROVED

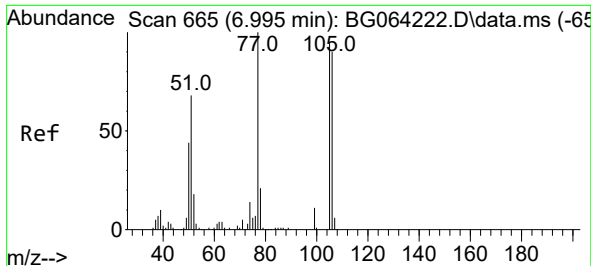
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#8
2-Chlorophenol
Concen: 53.804 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:128 Resp: 104248
Ion Ratio Lower Upper
128 100
130 30.5 10.9 50.9
64 50.6 28.7 68.7





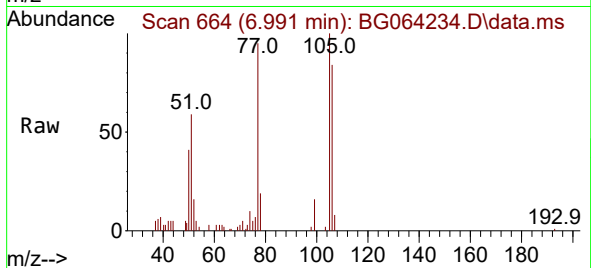
#9
Benzaldehyde
Concen: 11.110 ng
RT: 6.991 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

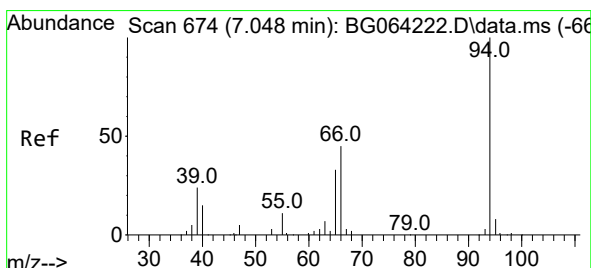
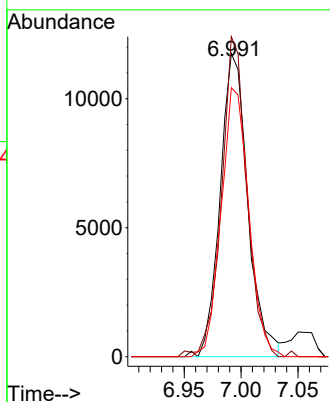
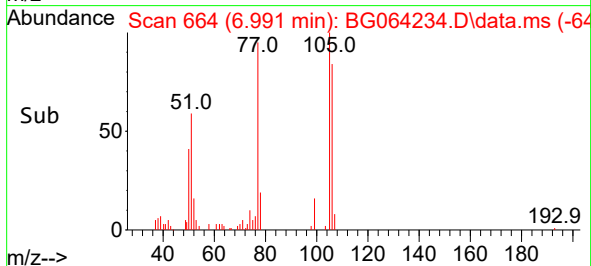
PB169461BS



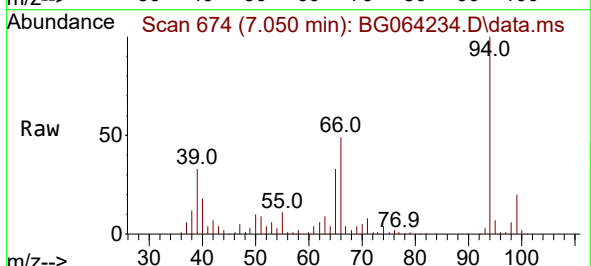
Tgt Ion: 77 Resp: 1991
Ion Ratio Lower Upper
77 100
105 105.5 75.2 115.2
106 88.7 69.6 109.6

Manual Integrations
APPROVED

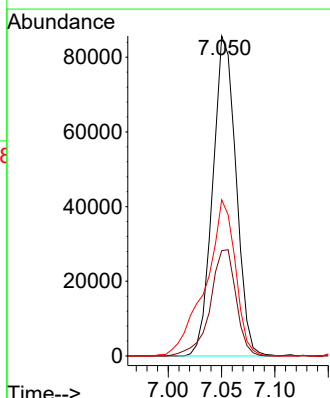
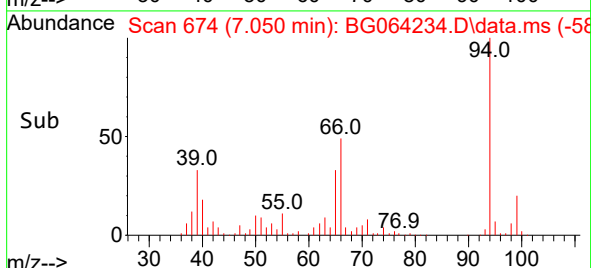
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

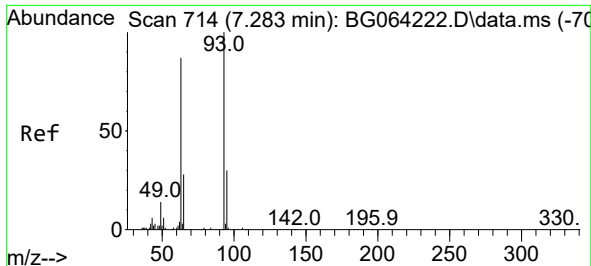


#10
Phenol
Concen: 54.083 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion: 94 Resp: 129888
Ion Ratio Lower Upper
94 100
65 32.9 13.5 53.5
66 48.8 26.2 66.2





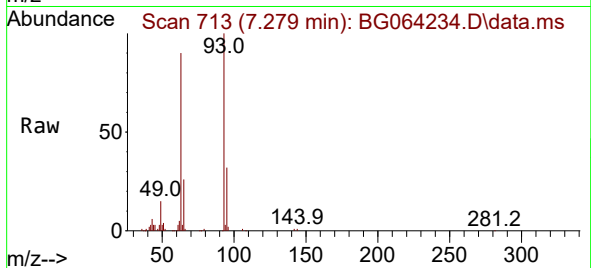
#11
bis(2-Chloroethyl)ether
Concen: 46.845 ng
RT: 7.279 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

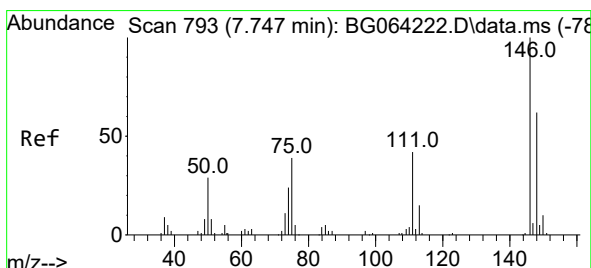
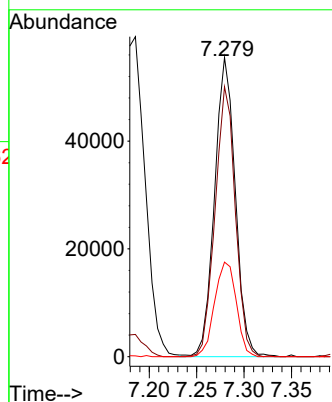
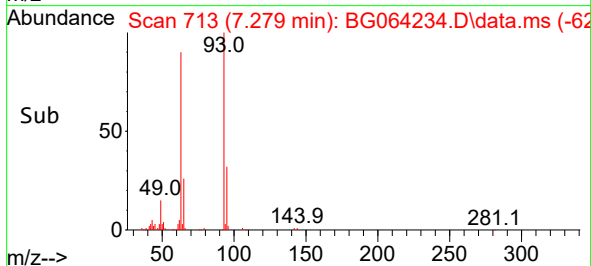


Tgt Ion: 93 Resp: 8454
Ion Ratio Lower Upper
93 100
63 90.2 66.2 106.2
95 31.6 9.8 49.8

Manual Integrations

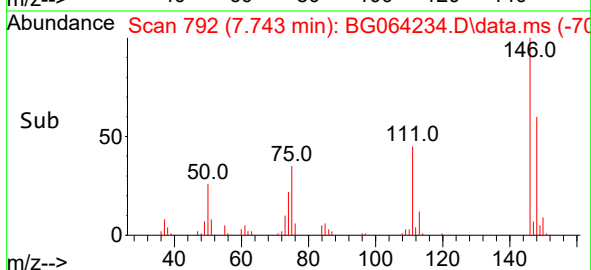
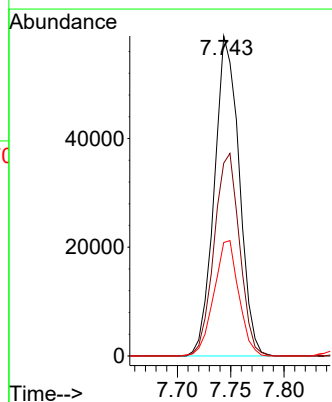
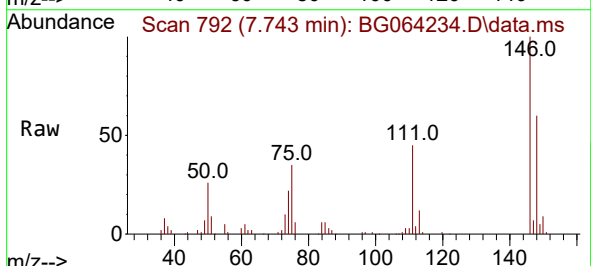
APPROVED

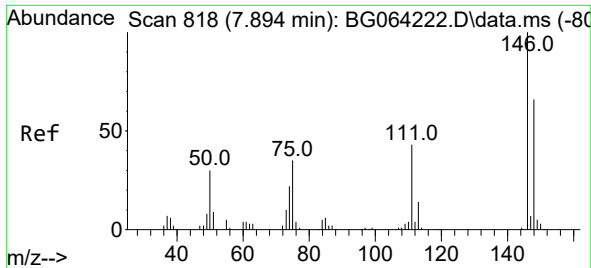
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#12
1,3-Dichlorobenzene
Concen: 46.249 ng
RT: 7.743 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:146 Resp: 95332
Ion Ratio Lower Upper
146 100
148 60.3 49.6 74.4
75 35.5 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 47.026 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

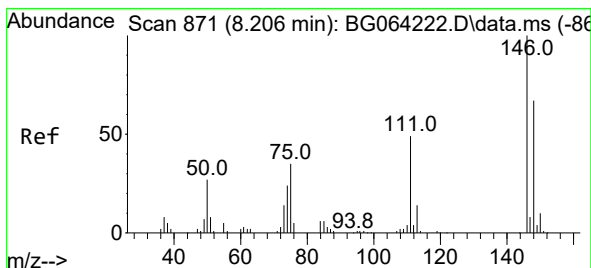
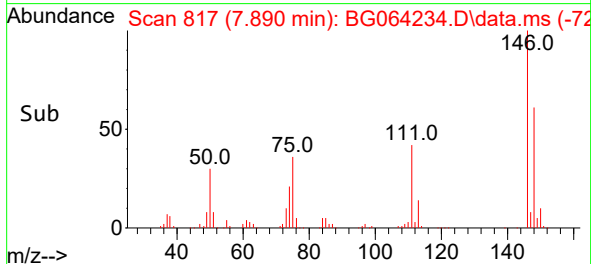
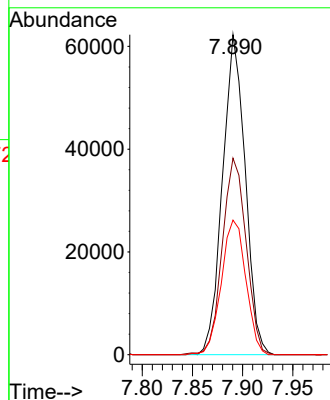
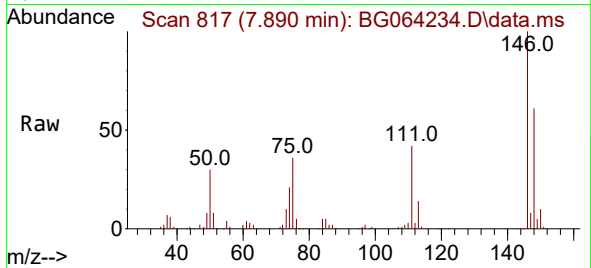
Tgt Ion:146 Resp: 97829
 Ion Ratio Lower Upper
 146 100
 148 61.4 52.8 79.2
 111 42.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#14

1,2-Dichlorobenzene

Concen: 49.185 ng

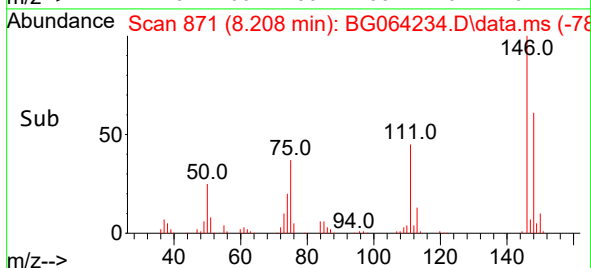
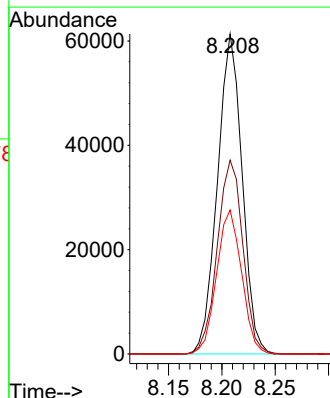
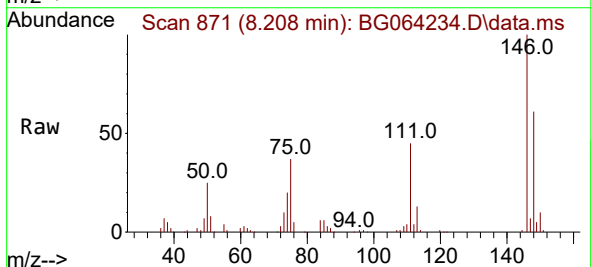
RT: 8.208 min Scan# 871

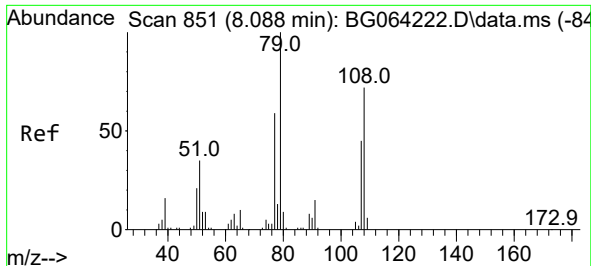
Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

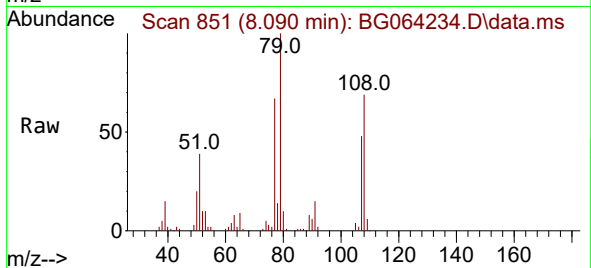
Tgt Ion:146 Resp: 98753
 Ion Ratio Lower Upper
 146 100
 148 60.6 53.4 80.0
 111 45.0 39.1 58.7





#15
Benzyl Alcohol
Concen: 51.350 ng
RT: 8.090 min Scan# 851
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

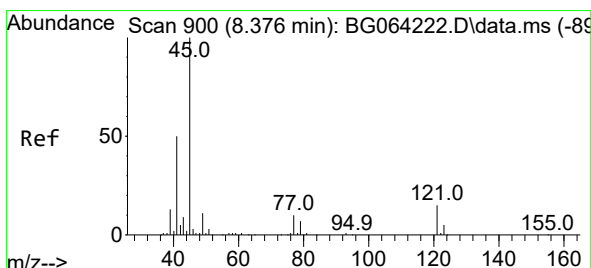
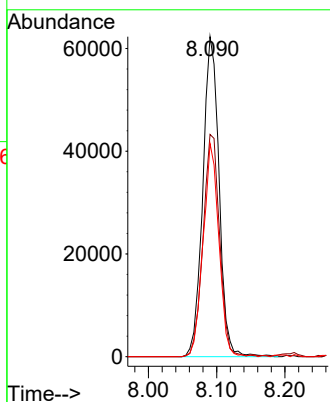
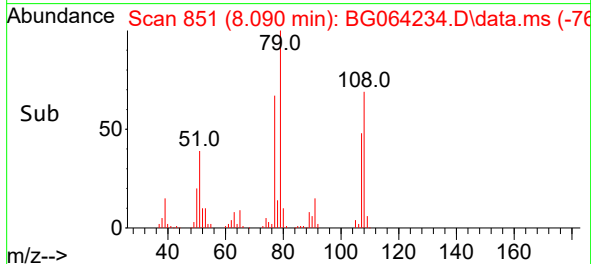
Instrument :
BNA_G
ClientSampleId :
PB169461BS



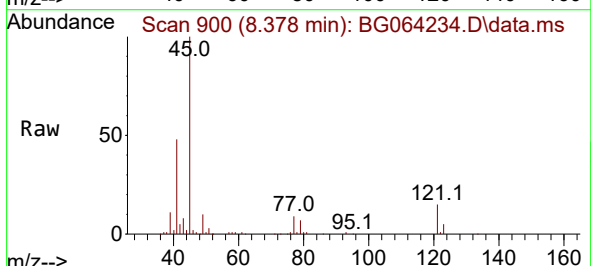
Tgt Ion: 79 Resp: 103225
Ion Ratio Lower Upper
79 100
108 69.4 57.4 86.0
77 66.6 47.2 70.8

Manual Integrations
APPROVED

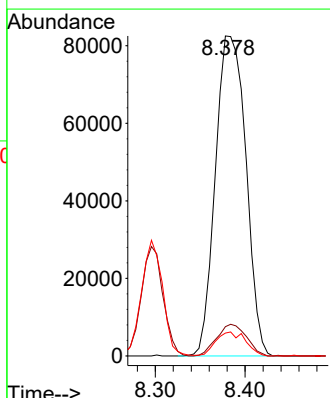
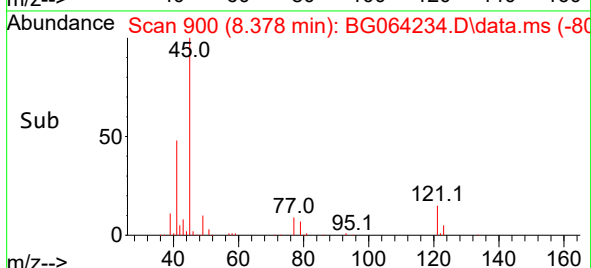
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

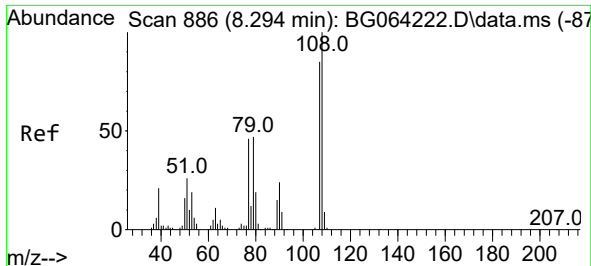


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.242 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion: 45 Resp: 194652
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 7.1 0.0 27.9





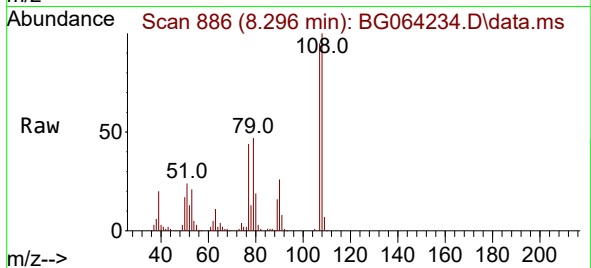
#17
2-Methylphenol
Concen: 52.609 ng
RT: 8.296 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



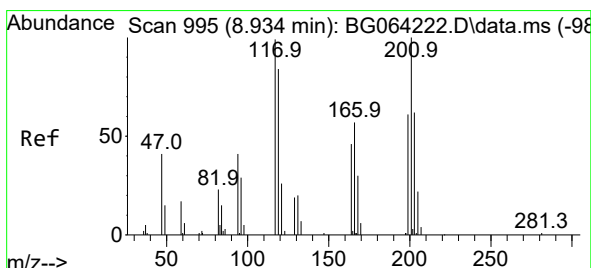
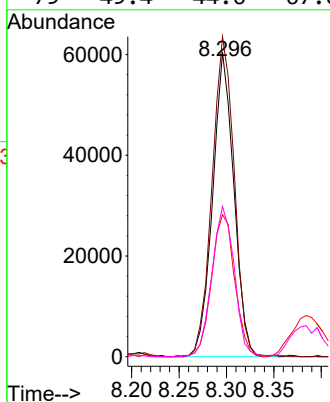
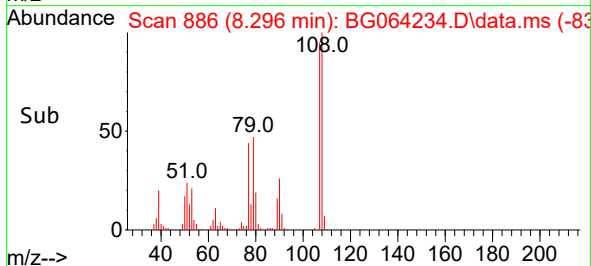
Tgt Ion:	107	Resp:	9416
Ion	Ratio	Lower	Upper
107	100		
108	105.2	94.6	141.8
77	46.7	43.7	65.5
79	49.4	44.6	67.0

Manual Integrations

APPROVED

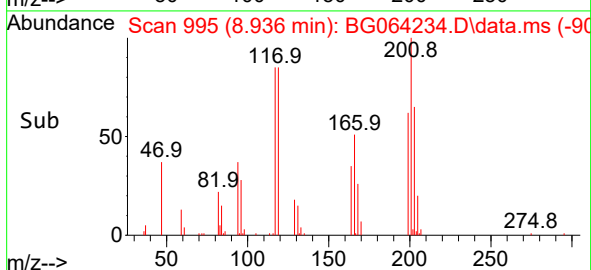
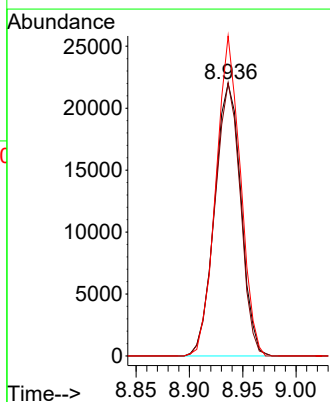
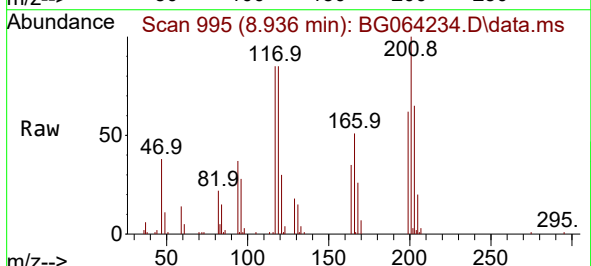
Reviewed By :Rahul Chavli 09/02/2025

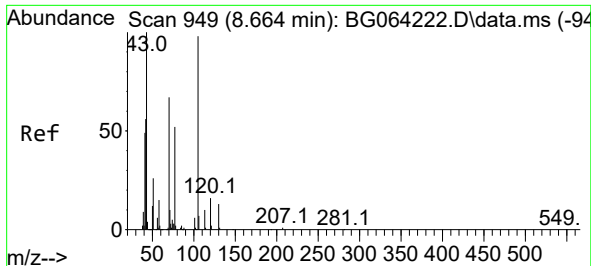
Supervised By :Jagrut Upadhyay 09/02/2025



#18
Hexachloroethane
Concen: 46.656 ng
RT: 8.936 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

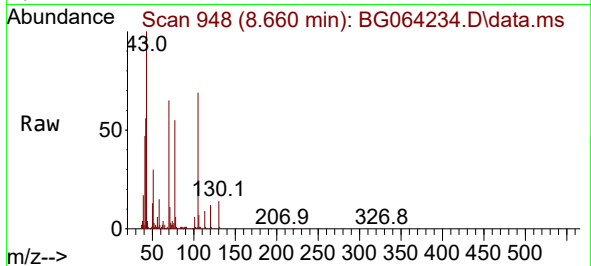
Tgt Ion:	117	Resp:	37887
Ion	Ratio	Lower	Upper
117	100		
119	100.3	67.9	101.9
201	117.5	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 47.570 ng
RT: 8.660 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

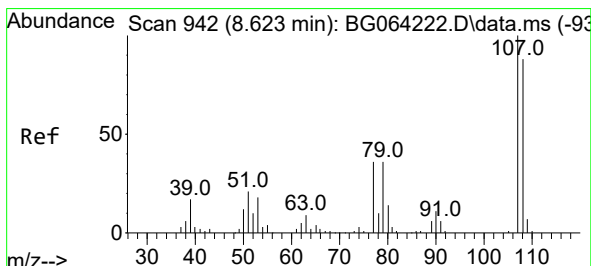
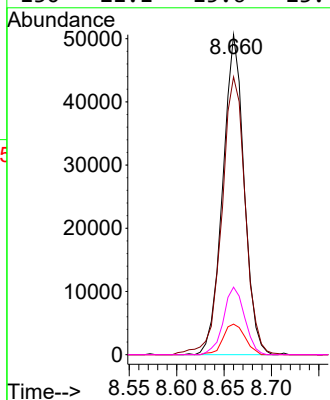
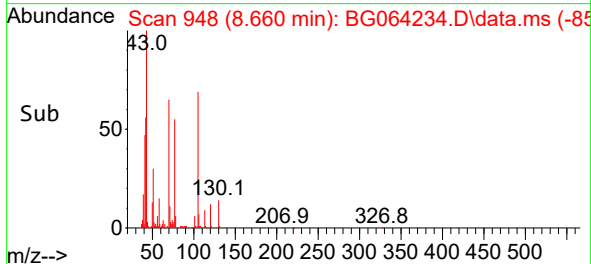
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion: 70 Resp: 79300
Ion Ratio Lower Upper
70 100
42 86.8 67.9 101.9
101 9.5 7.3 10.9
130 21.1 15.6 23.4

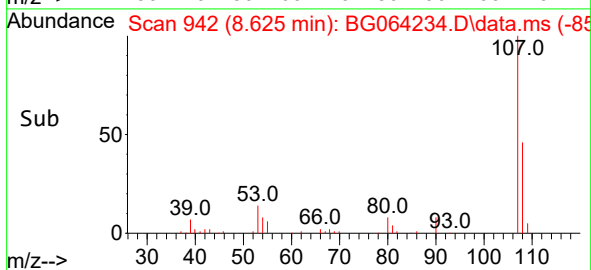
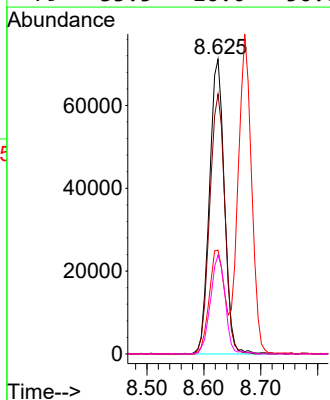
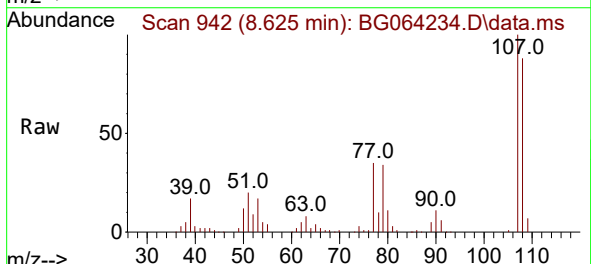
Manual Integrations
APPROVED

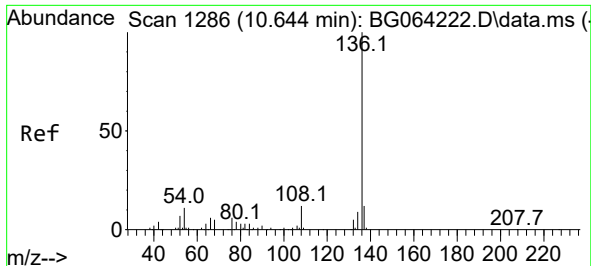
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#20
3+4-Methylphenols
Concen: 51.923 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:107 Resp: 129137
Ion Ratio Lower Upper
107 100
108 88.2 68.1 108.1
77 35.3 15.9 55.9
79 33.5 16.0 56.0





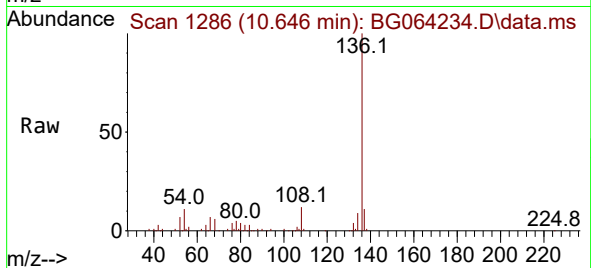
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

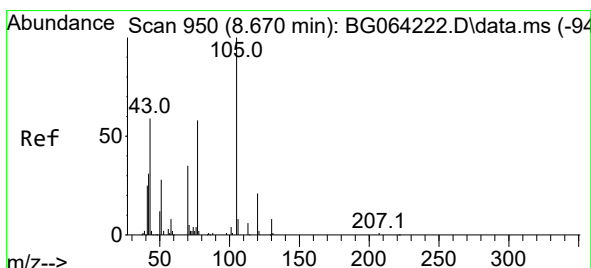
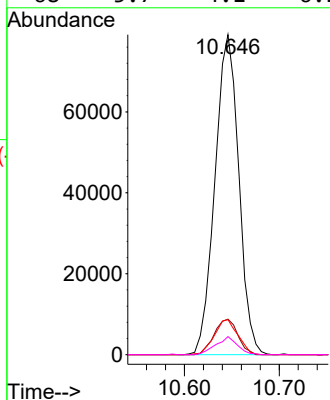
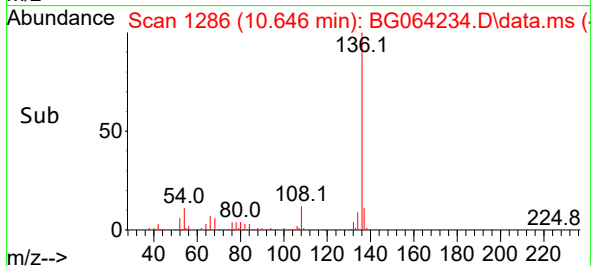


Tgt Ion:136 Resp: 13801
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.9 8.8 13.2
68 5.7 4.1 6.1

Manual Integrations

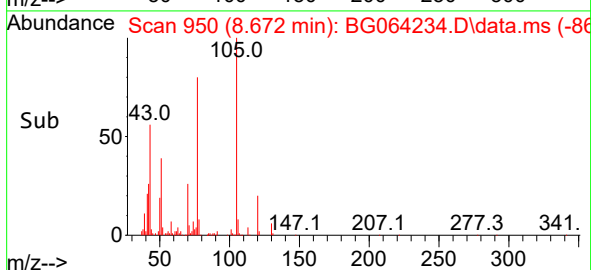
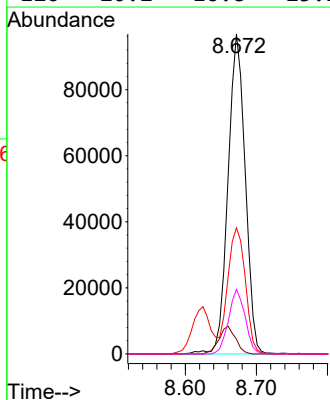
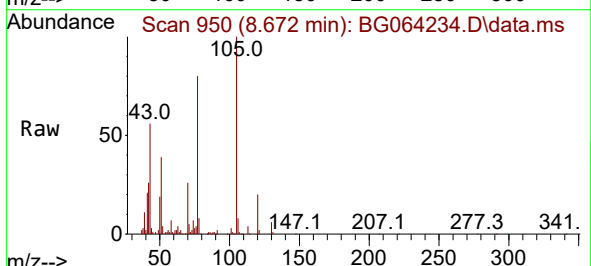
APPROVED

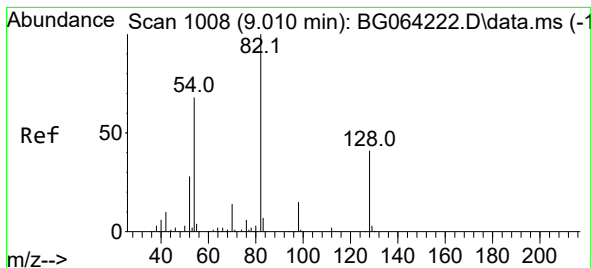
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#22
Acetophenone
Concen: 46.651 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:105 Resp: 162892
Ion Ratio Lower Upper
105 100
71 4.7 4.3 6.5
51 39.4 32.4 48.6
120 20.2 16.8 25.2





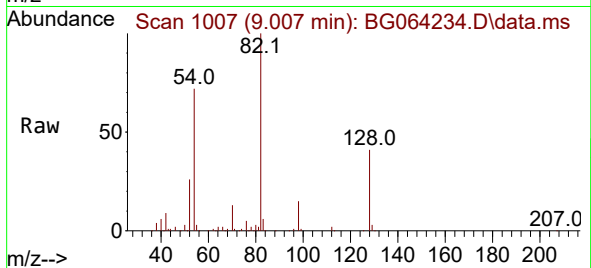
#23
Nitrobenzene-d5
Concen: 92.184 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

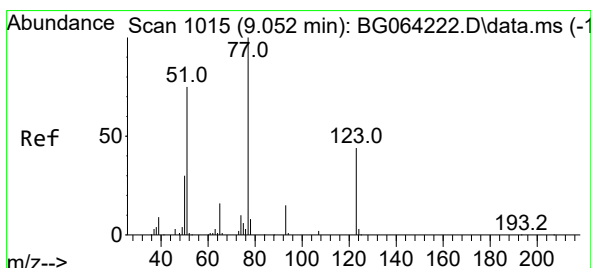
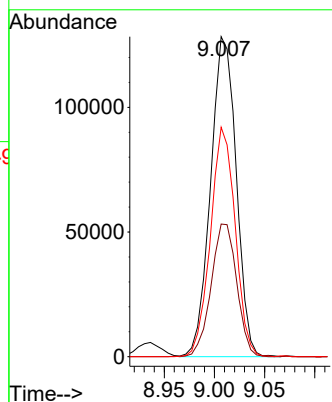
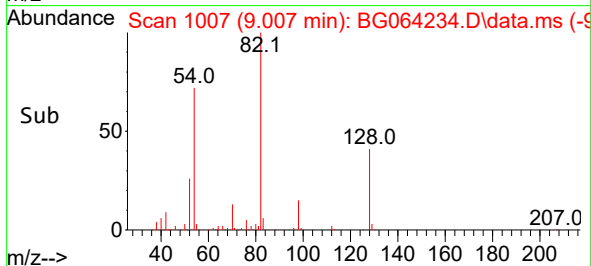


Tgt Ion: 82 Resp: 22813
Ion Ratio Lower Upper
82 100
128 41.5 32.6 48.8
54 71.7 54.7 82.1

Manual Integrations

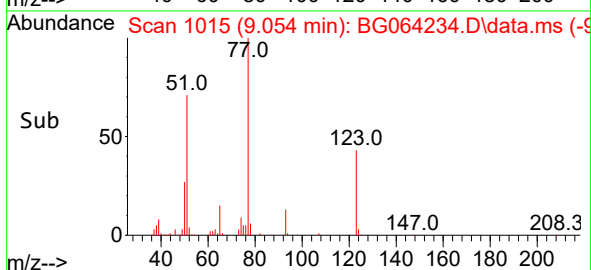
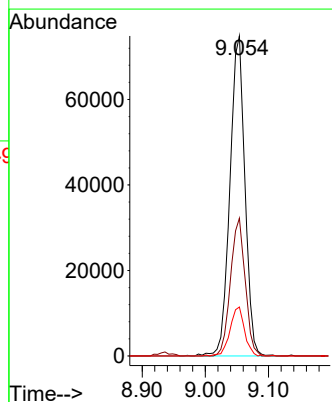
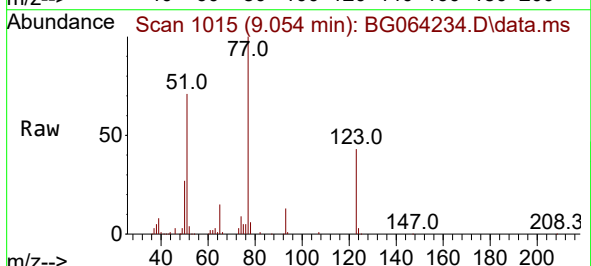
APPROVED

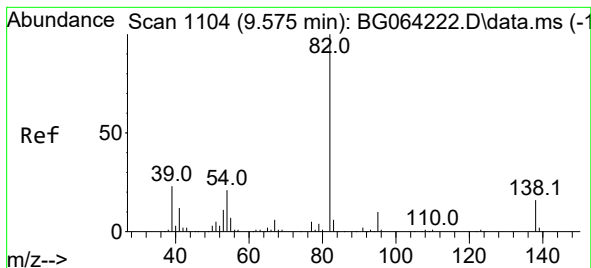
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#24
Nitrobenzene
Concen: 47.724 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion: 77 Resp: 123397
Ion Ratio Lower Upper
77 100
123 43.1 35.2 52.8
65 15.3 12.6 19.0





#25

Isophorone

Concen: 45.121 ng

RT: 9.577 min Scan# 1104

Delta R.T. -0.010 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion: 82 Resp: 23207

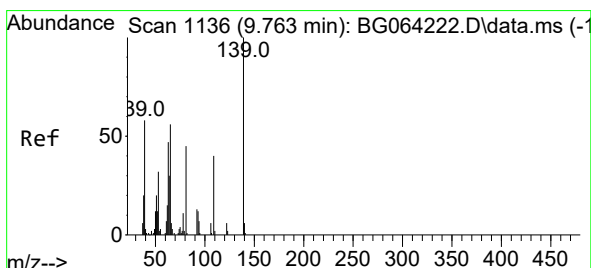
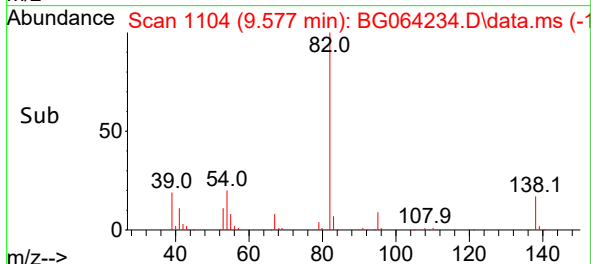
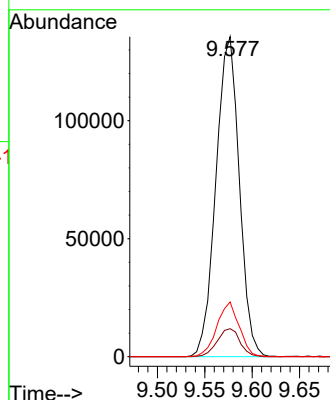
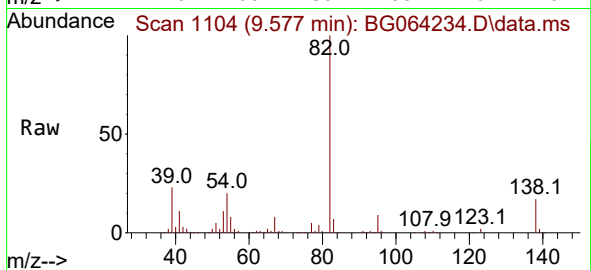
Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.9	11.9
138	17.1	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#26

2-Nitrophenol

Concen: 48.933 ng

RT: 9.759 min Scan# 1135

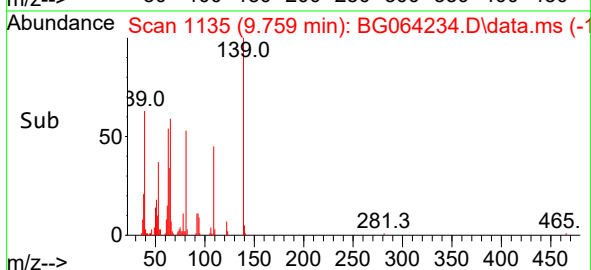
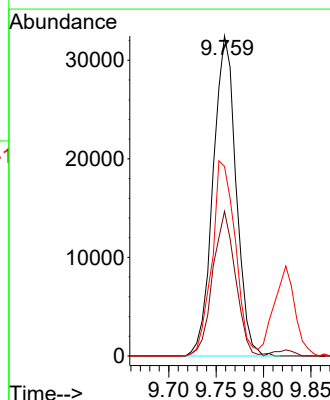
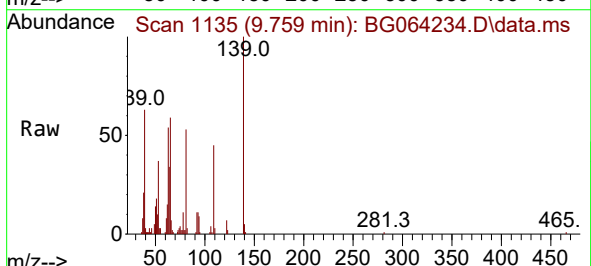
Delta R.T. -0.004 min

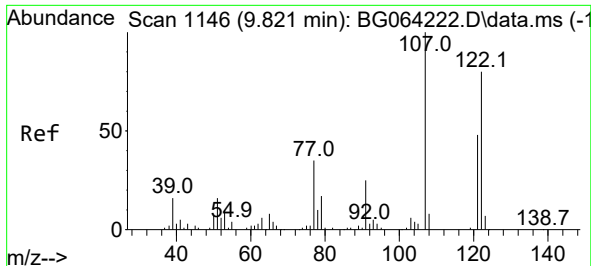
Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Tgt Ion:139 Resp: 54670

Ion	Ratio	Lower	Upper
139	100		
109	45.2	32.4	48.6
65	59.2	44.6	67.0





#27

2,4-Dimethylphenol

Concen: 55.143 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion:122 Resp: 10816

Ion Ratio Lower Upper

122 100

107 125.0 99.9 149.9

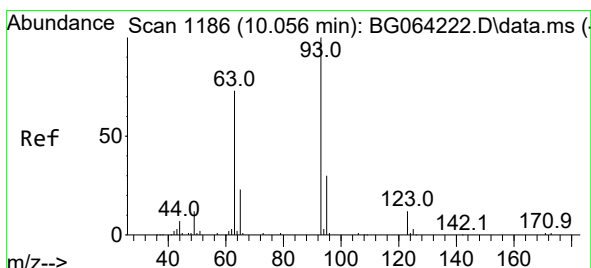
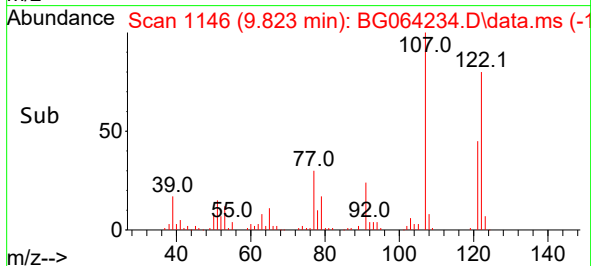
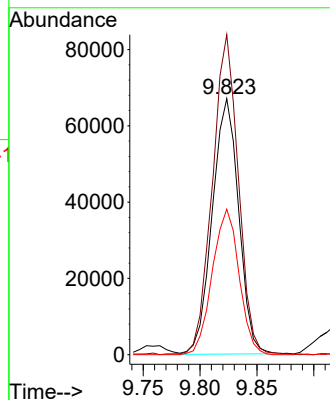
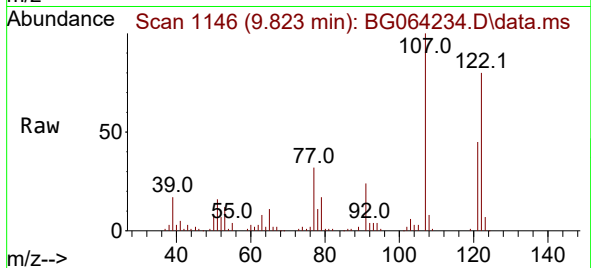
121 56.8 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.342 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

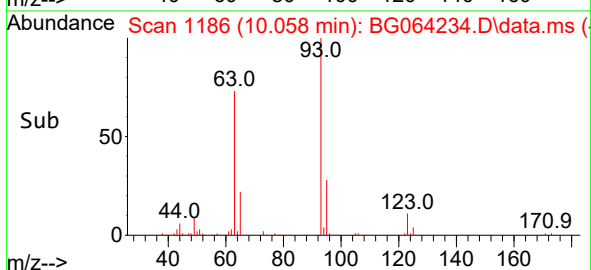
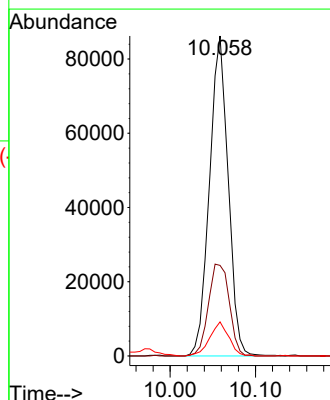
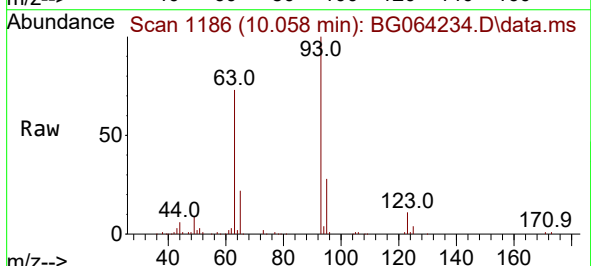
Tgt Ion: 93 Resp: 131294

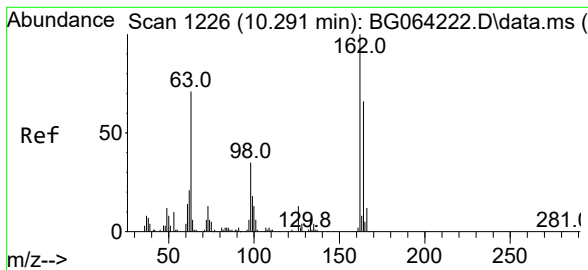
Ion Ratio Lower Upper

93 100

95 28.3 23.9 35.9

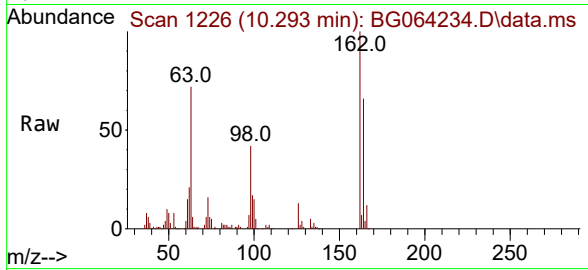
123 10.7 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 49.575 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

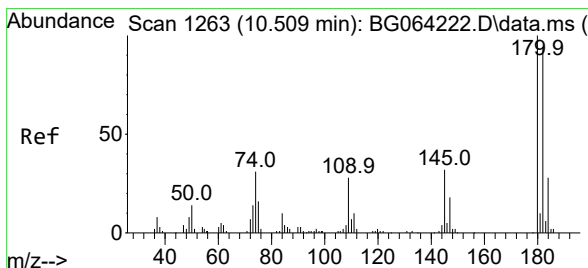
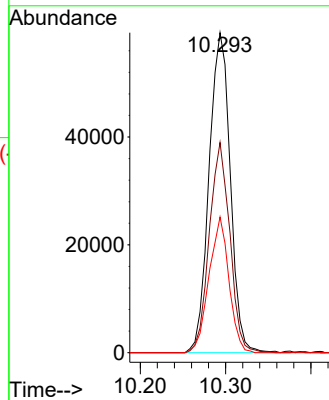
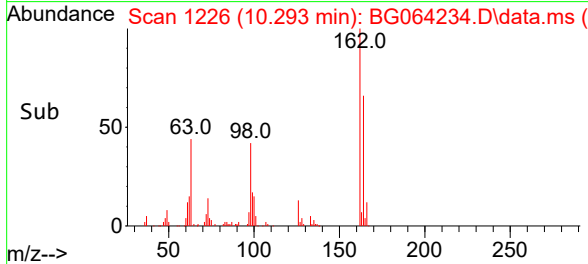
Instrument :
BNA_G
ClientSampleId :
PB169461BS



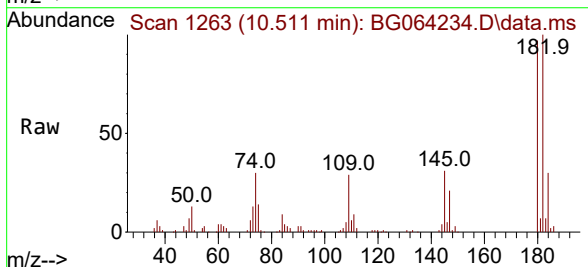
Tgt Ion:162 Resp: 102600
Ion Ratio Lower Upper
162 100
164 65.7 45.8 85.8
98 42.4 15.2 55.2

Manual Integrations
APPROVED

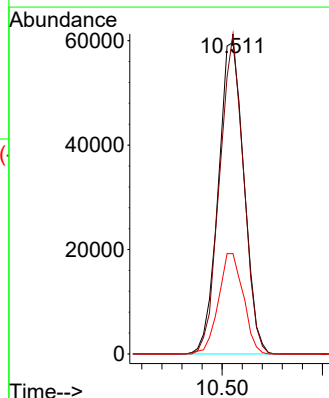
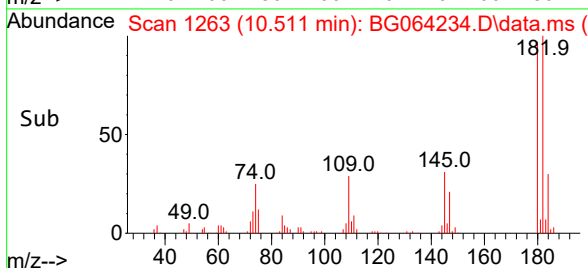
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

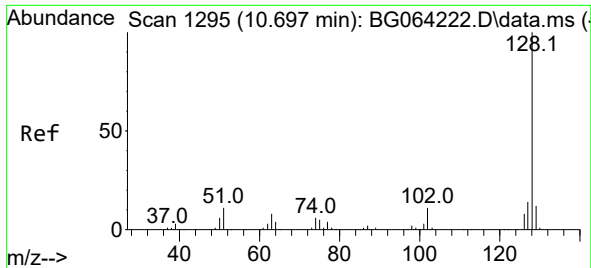


#30
1,2,4-Trichlorobenzene
Concen: 48.577 ng
RT: 10.511 min Scan# 1263
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



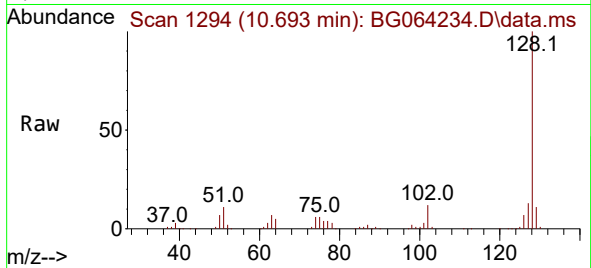
Tgt Ion:180 Resp: 106005
Ion Ratio Lower Upper
180 100
182 102.7 75.0 112.6
145 32.2 25.4 38.0





#31
Naphthalene
Concen: 45.753 ng
RT: 10.693 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

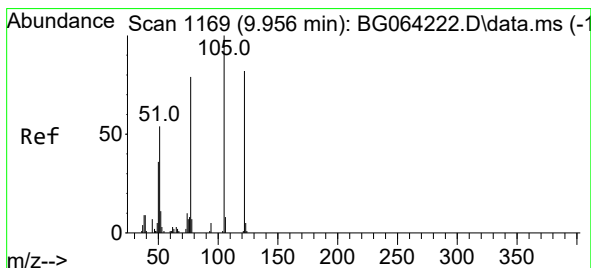
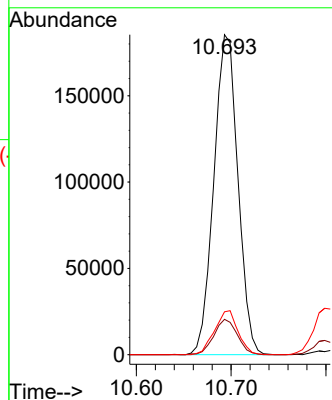
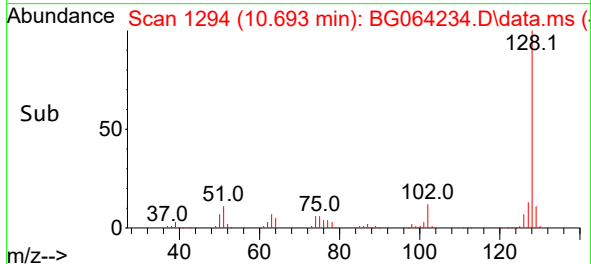
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:128 Resp: 32745
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.4 10.9 16.3

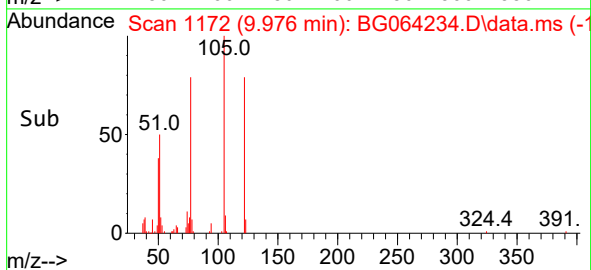
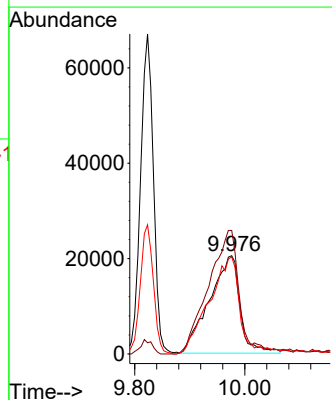
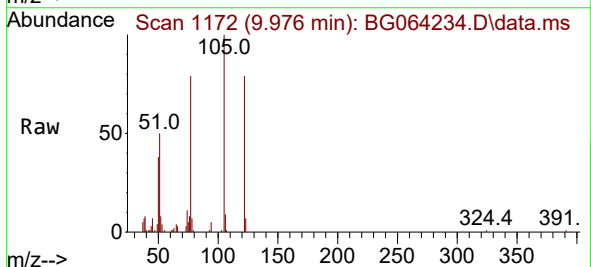
Manual Integrations
APPROVED

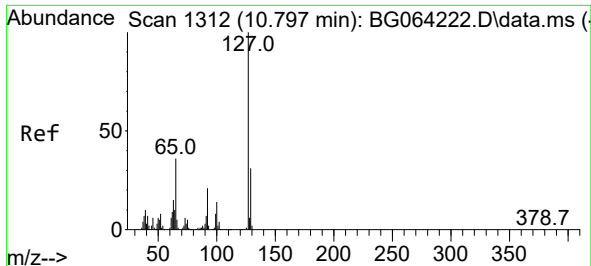
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#32
Benzoic acid
Concen: 50.640 ng
RT: 9.976 min Scan# 1172
Delta R.T. -0.039 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:122 Resp: 78849
Ion Ratio Lower Upper
122 100
105 125.8 98.5 138.5
77 98.8 74.6 114.6





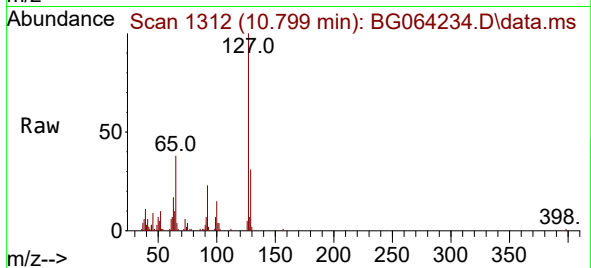
#33
4-Chloroaniline
Concen: 18.907 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



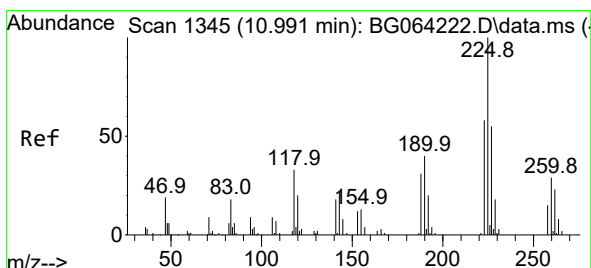
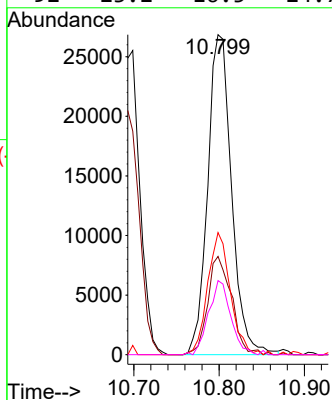
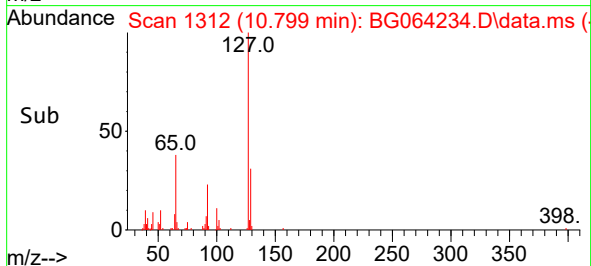
Tgt Ion:	127	Resp:	5244
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.0	37.4
65	38.1	28.7	43.1
92	23.2	16.5	24.7

Manual Integrations

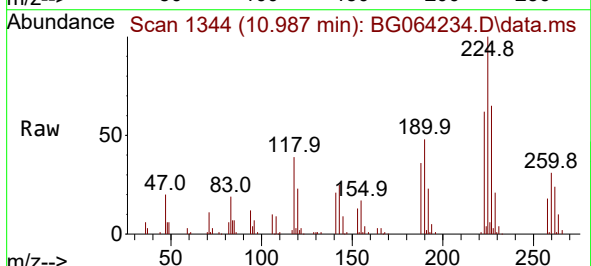
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

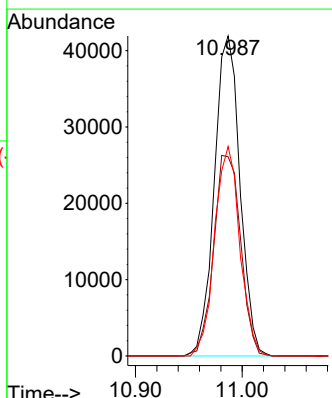
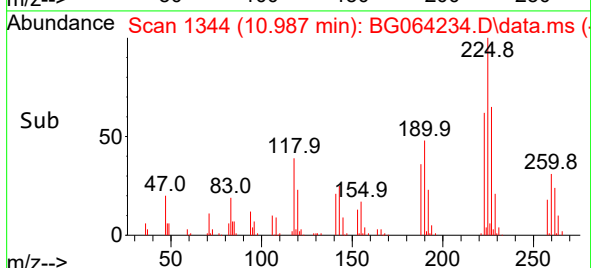
Supervised By :Jagrut Upadhyay 09/02/2025

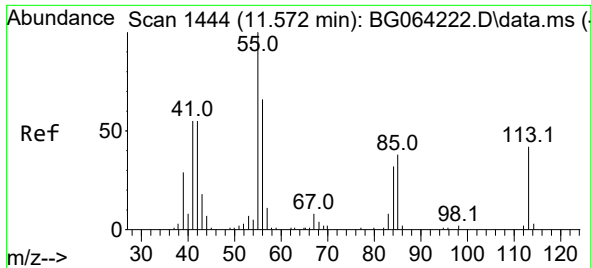


#34
Hexachlorobutadiene
Concen: 43.336 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:	225	Resp:	69904
Ion Ratio	Lower	Upper	
225	100		
223	62.2	46.5	69.7
227	65.4	44.1	66.1





#35
Caprolactam
Concen: 49.039 ng m
RT: 11.574 min Scan# 14
Delta R.T. -0.028 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

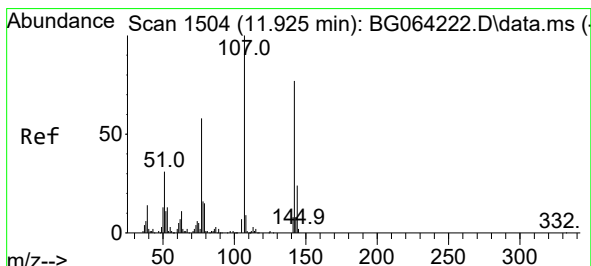
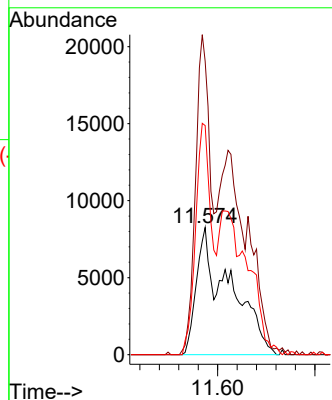
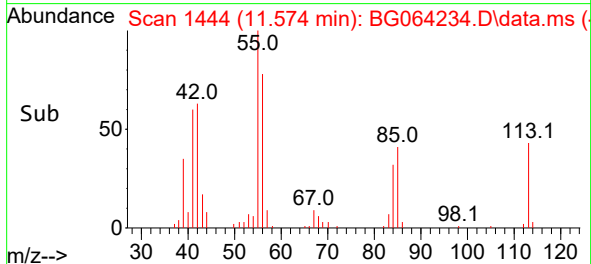
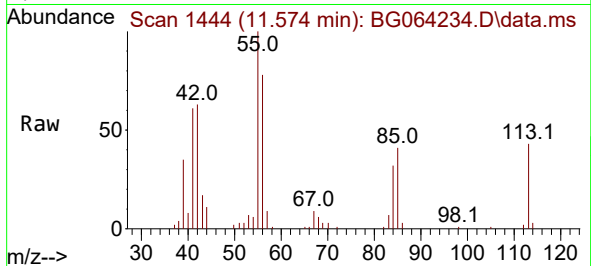
PB169461BS

Tgt Ion:113 Resp: 39299
Ion Ratio Lower Upper
113 100
55 230.9 218.5 258.5
56 180.3 138.5 178.5

Manual Integrations

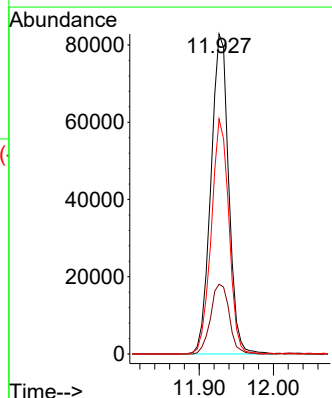
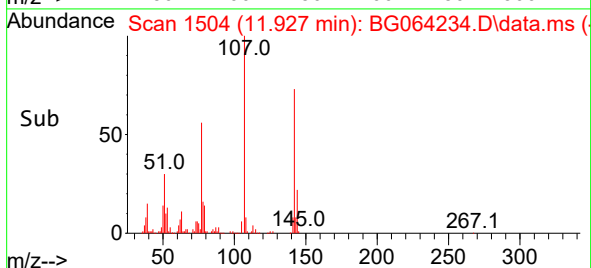
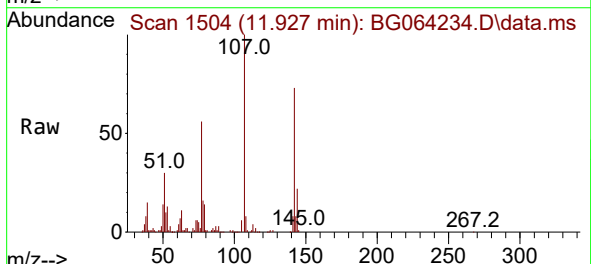
APPROVED

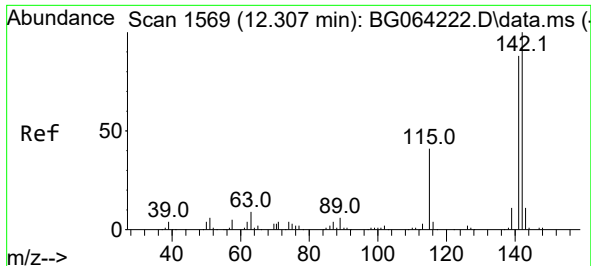
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#36
4-Chloro-3-methylphenol
Concen: 51.365 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:107 Resp: 137931
Ion Ratio Lower Upper
107 100
144 21.8 19.5 29.3
142 73.4 62.0 93.0





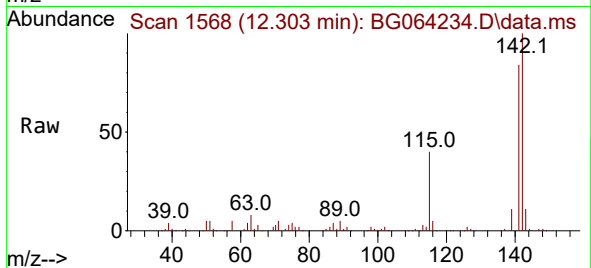
#37
2-Methylnaphthalene
Concen: 41.719 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

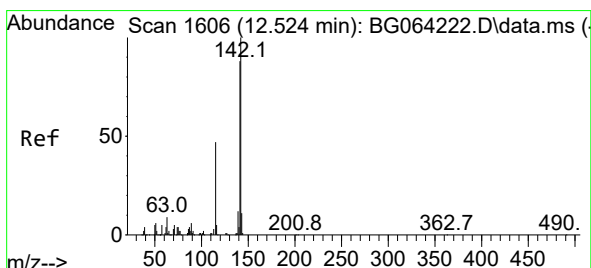
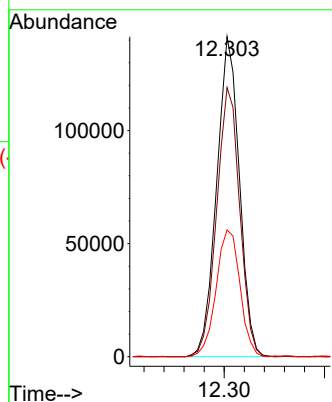
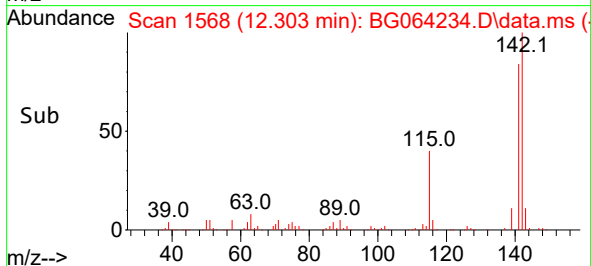


Tgt Ion:142 Resp: 221930
Ion Ratio Lower Upper
142 100
141 84.1 70.1 105.1
115 39.6 33.1 49.7

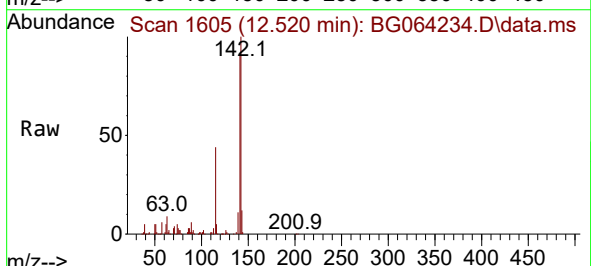
Manual Integrations

APPROVED

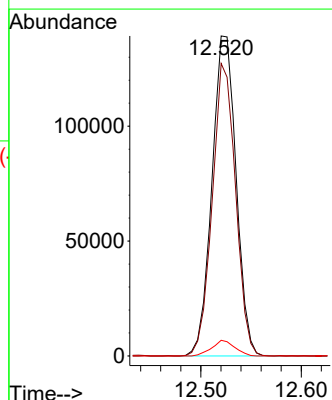
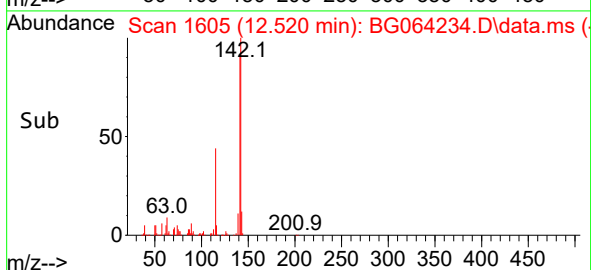
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

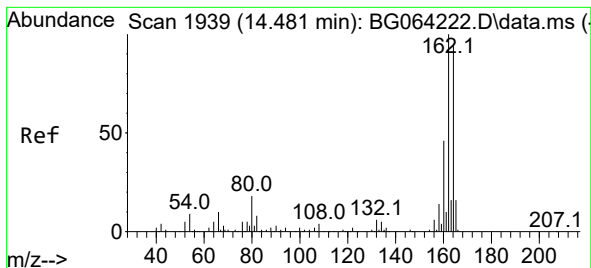


#38
1-Methylnaphthalene
Concen: 44.366 ng
RT: 12.520 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



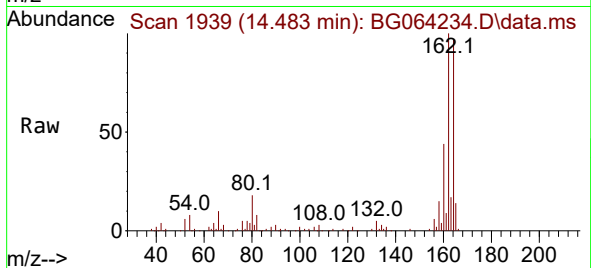
Tgt Ion:142 Resp: 233119
Ion Ratio Lower Upper
142 100
141 91.4 70.3 105.5
116 4.9 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

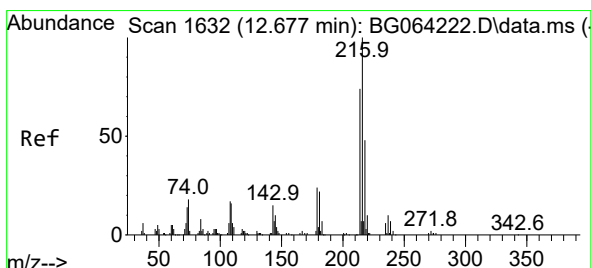
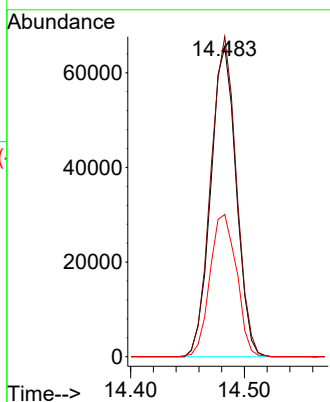
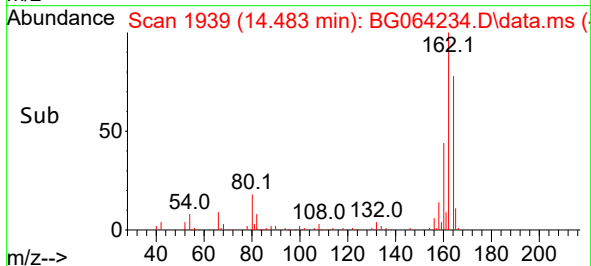
Instrument :
BNA_G
ClientSampleId :
PB169461BS



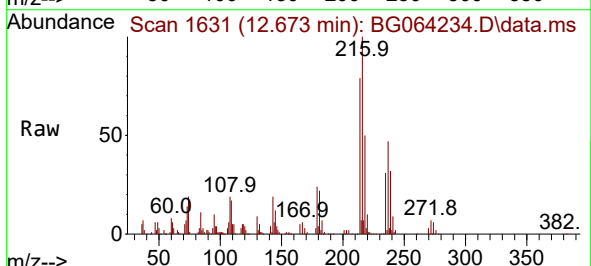
Tgt Ion:164 Resp: 10190
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.0
160 46.0 39.2 58.8

Manual Integrations
APPROVED

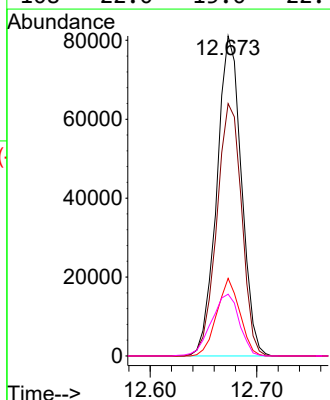
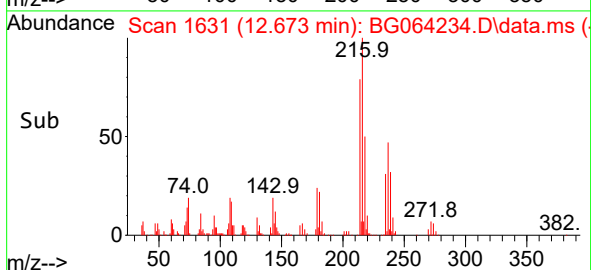
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

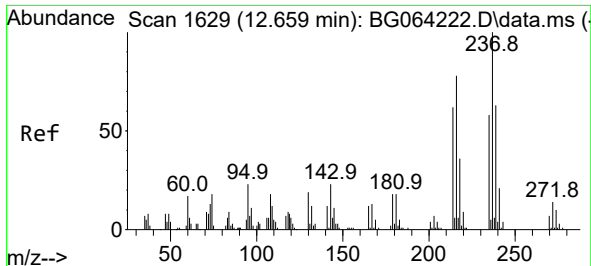


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.139 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



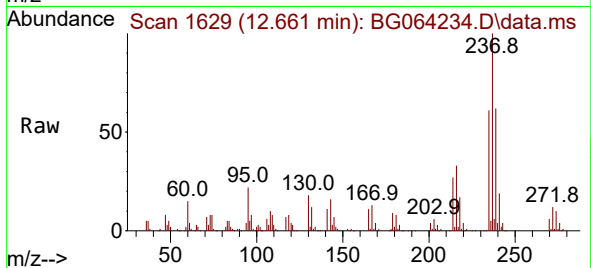
Tgt Ion:216 Resp: 129778
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 22.6 17.9 26.9
108 22.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 120.413 ng
RT: 12.661 min Scan# 1629
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

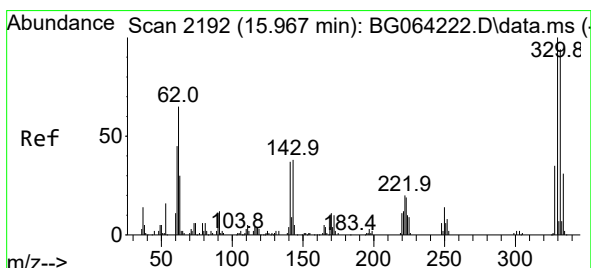
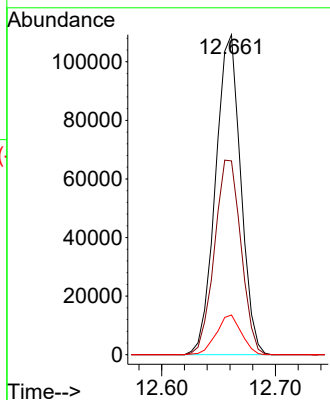
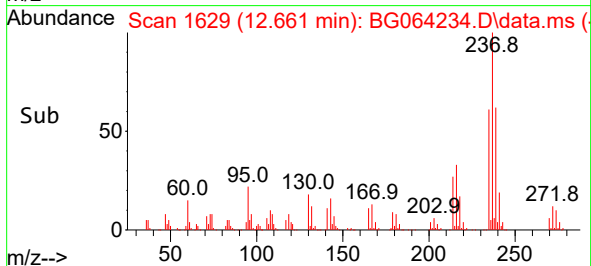
Instrument :
BNA_G
ClientSampleId :
PB169461BS



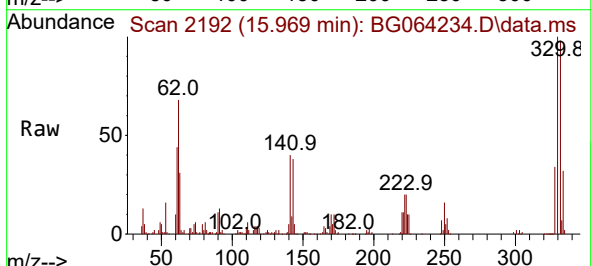
Tgt Ion: 237 Resp: 168264
Ion Ratio Lower Upper
237 100
235 60.6 37.9 77.9
272 12.4 0.0 33.8

Manual Integrations
APPROVED

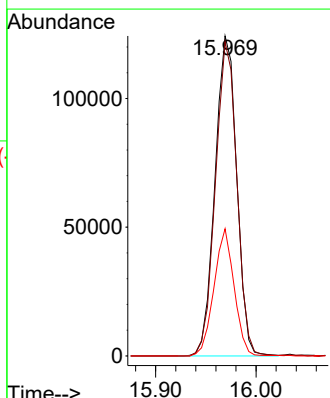
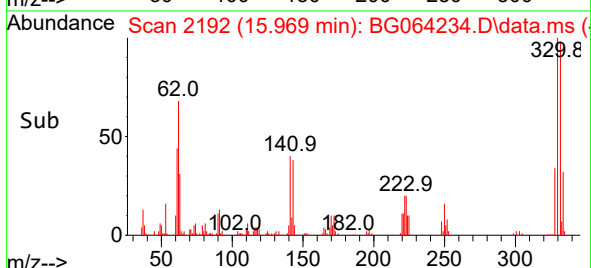
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

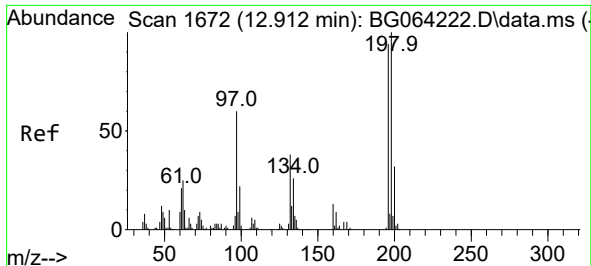


#42
2,4,6-Tribromophenol
Concen: 137.889 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion: 330 Resp: 186116
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.0 29.8 44.6





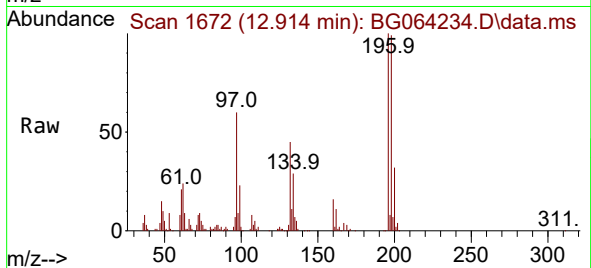
#43
2,4,6-Trichlorophenol
Concen: 48.044 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

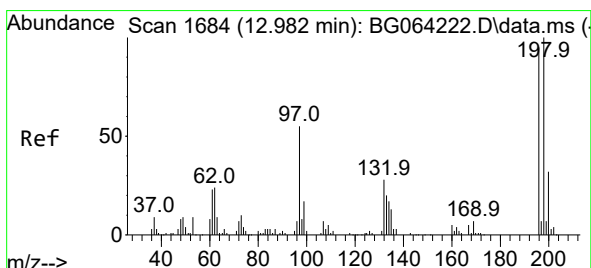
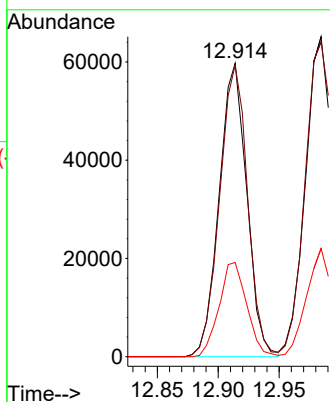
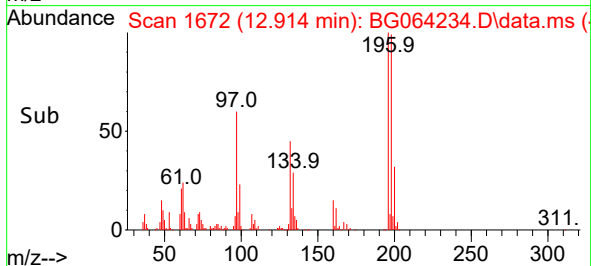


Tgt Ion:196 Resp: 94410
Ion Ratio Lower Upper
196 100
198 99.3 85.4 128.2
200 32.1 27.3 40.9

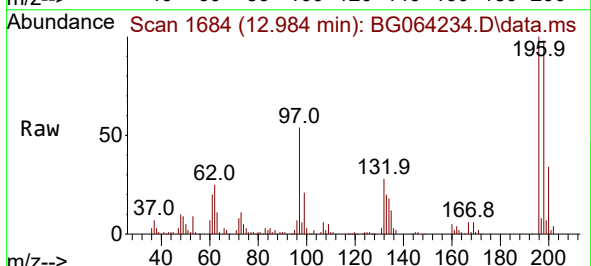
Manual Integrations

APPROVED

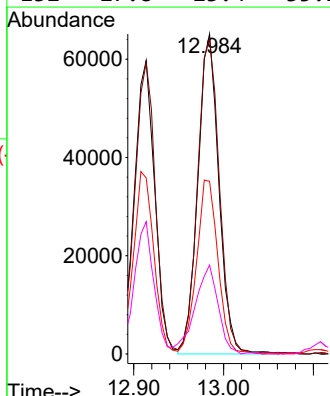
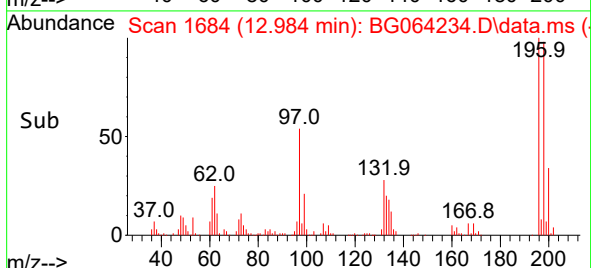
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

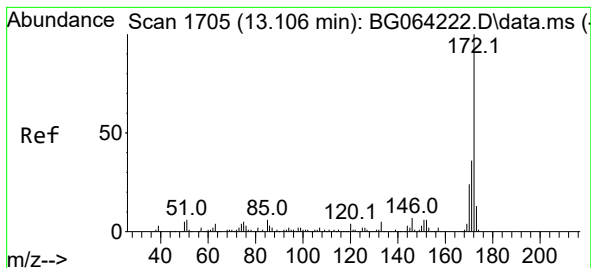


#44
2,4,5-Trichlorophenol
Concen: 49.717 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:196 Resp: 105986
Ion Ratio Lower Upper
196 100
198 98.4 84.5 126.7
97 53.9 46.8 70.2
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 86.069 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.004 min

Lab File: BG064234.D

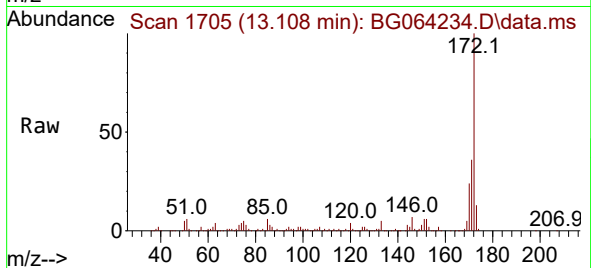
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



Tgt Ion:172 Resp: 57461

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

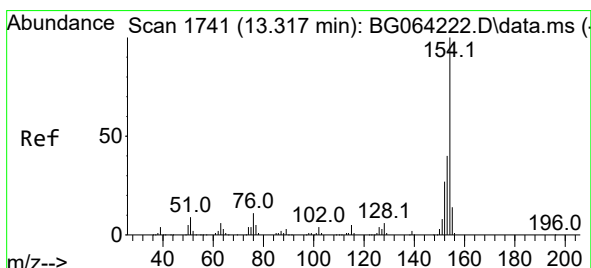
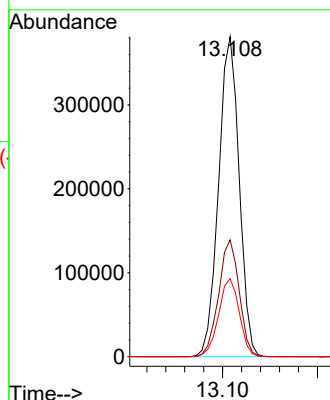
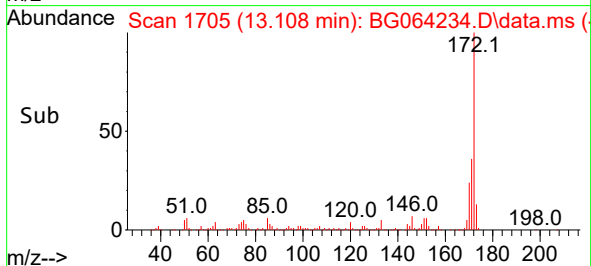
170 24.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#46

1,1'-Biphenyl

Concen: 45.417 ng

RT: 13.313 min Scan# 1740

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

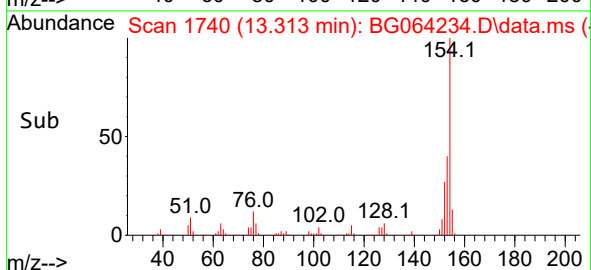
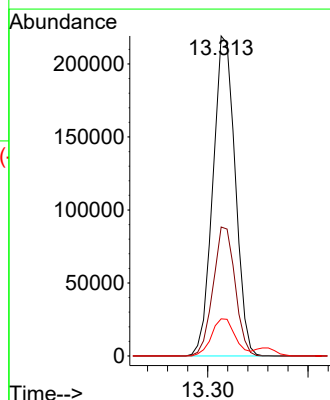
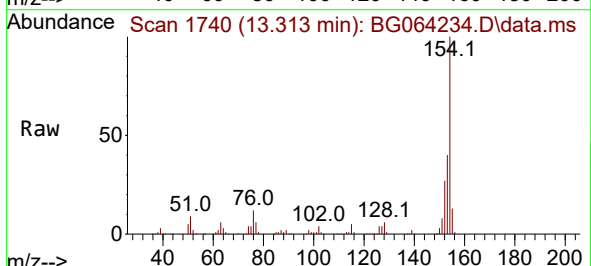
Tgt Ion:154 Resp: 337085

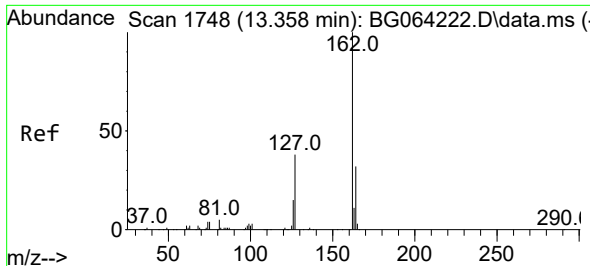
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

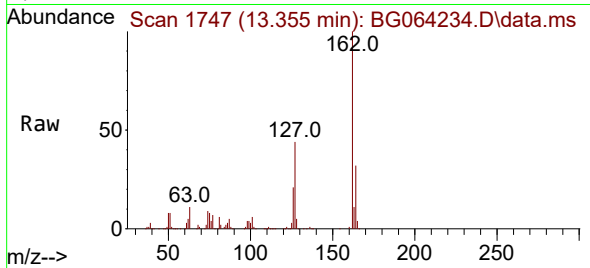
76 11.6 0.0 30.9





#47
2-Chloronaphthalene
Concen: 45.058 ng
RT: 13.355 min Scan# 1747
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

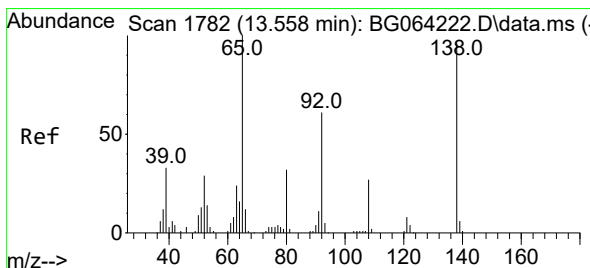
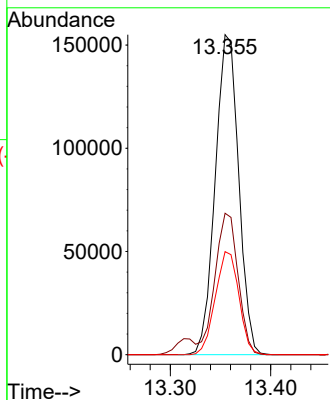
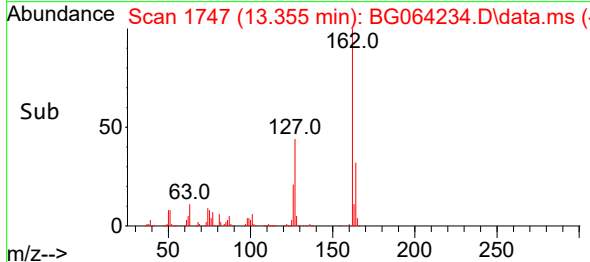
Instrument :
BNA_G
ClientSampleId :
PB169461BS



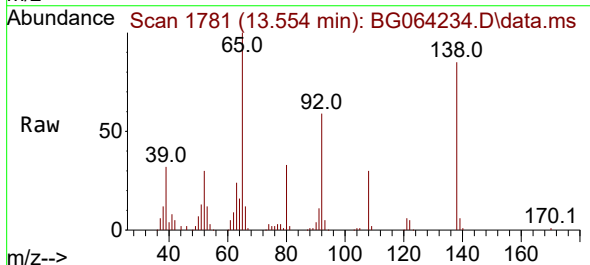
Tgt Ion:162 Resp: 251410
Ion Ratio Lower Upper
162 100
127 44.2 33.9 50.9
164 32.2 25.4 38.2

Manual Integrations
APPROVED

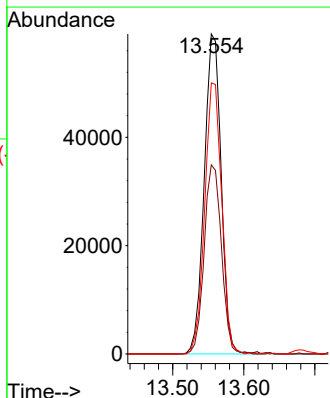
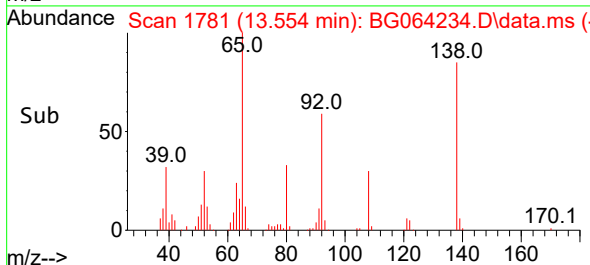
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

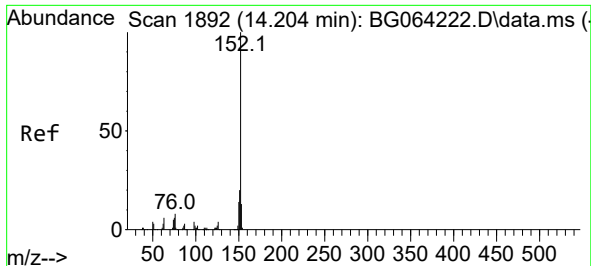


#48
2-Nitroaniline
Concen: 51.485 ng
RT: 13.554 min Scan# 1781
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



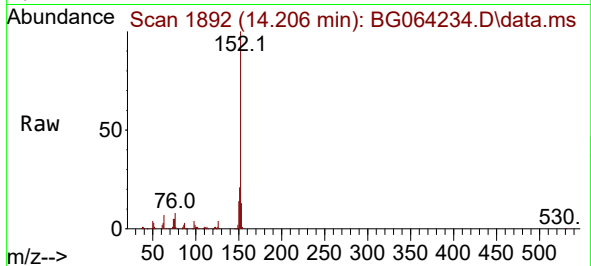
Tgt Ion: 65 Resp: 97916
Ion Ratio Lower Upper
65 100
92 59.1 49.2 73.8
138 84.7 76.8 115.2





#49
Acenaphthylene
Concen: 52.301 ng
RT: 14.206 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

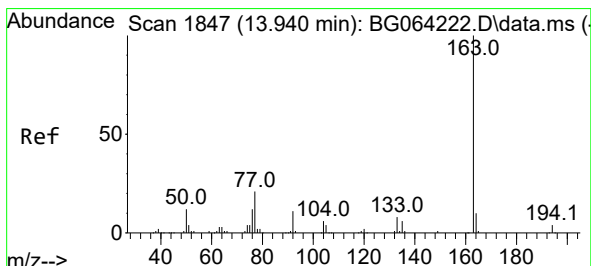
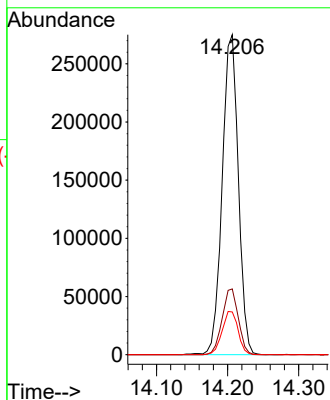
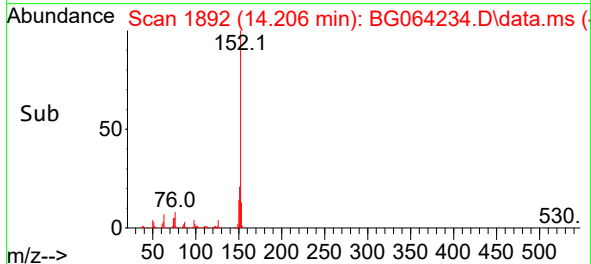
Instrument :
BNA_G
ClientSampleId :
PB169461BS



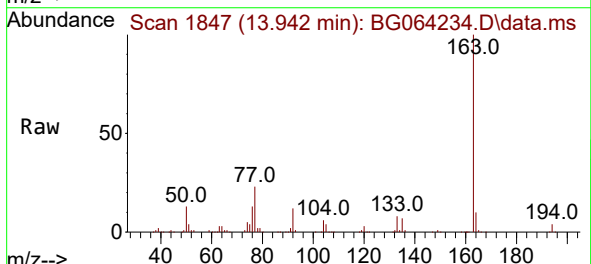
Tgt Ion:152 Resp: 43139
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.3 10.1 15.1

Manual Integrations
APPROVED

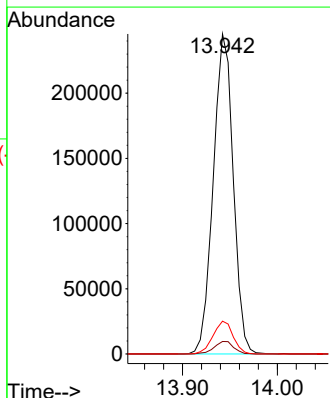
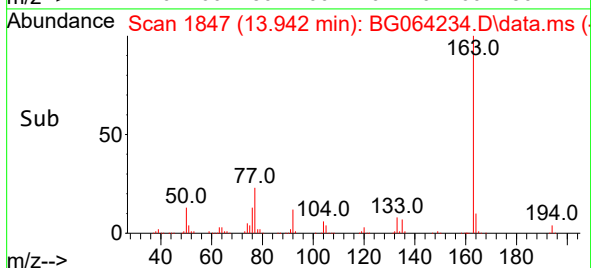
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

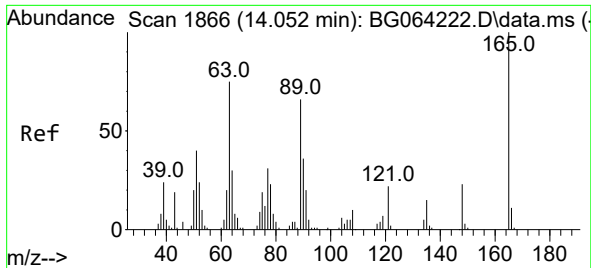


#50
Dimethylphthalate
Concen: 46.615 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



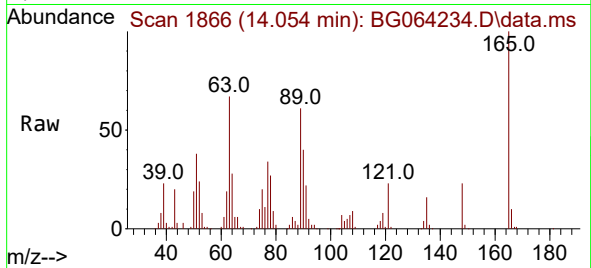
Tgt Ion:163 Resp: 359550
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 52.692 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

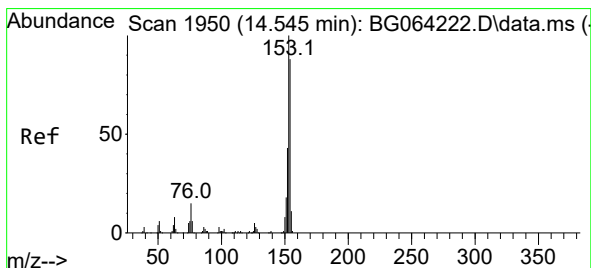
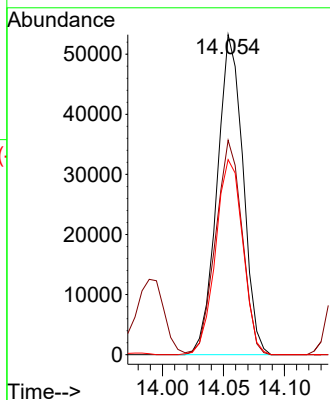
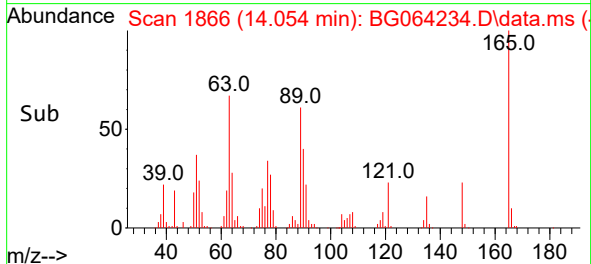
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:165 Resp: 7868
Ion Ratio Lower Upper
165 100
63 67.0 60.3 90.5
89 60.9 52.9 79.3

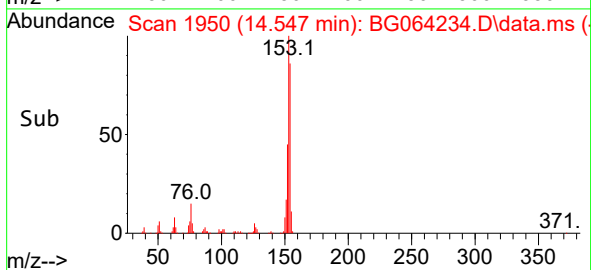
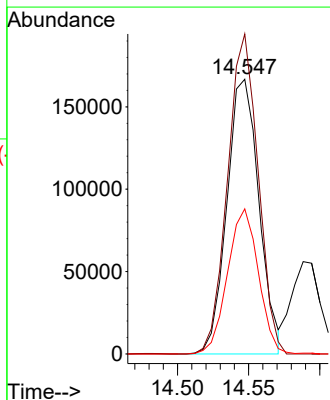
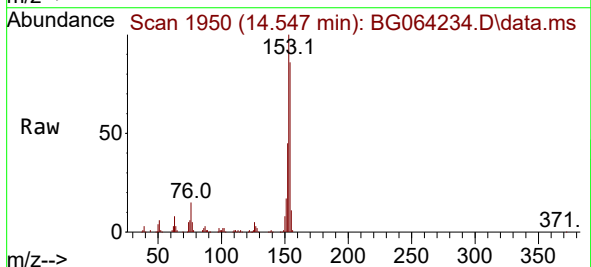
Manual Integrations
APPROVED

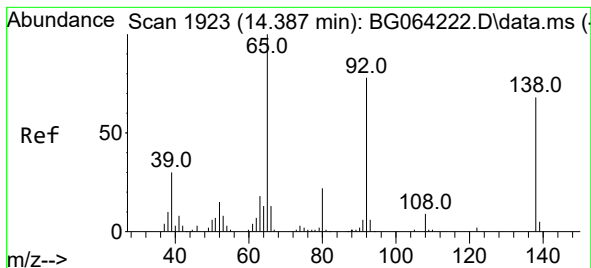
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#52
Acenaphthene
Concen: 45.069 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

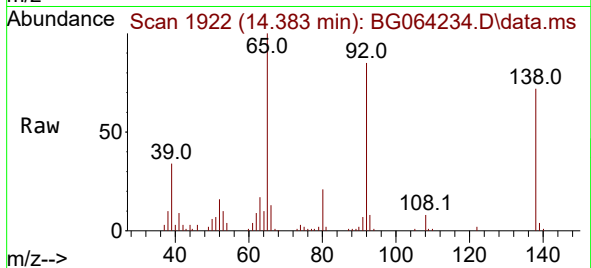
Tgt Ion:154 Resp: 262344
Ion Ratio Lower Upper
154 100
153 116.5 91.1 136.7
152 52.8 39.6 59.4





#53
3-Nitroaniline
Concen: 27.863 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

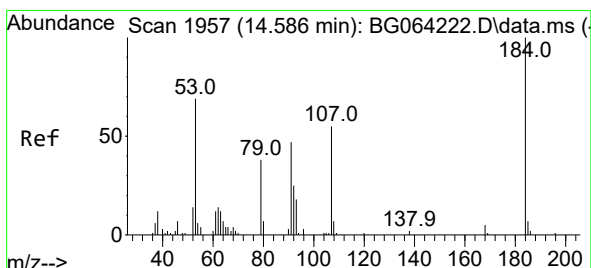
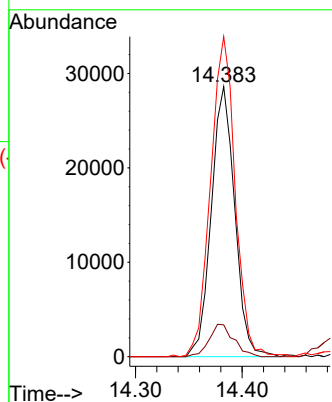
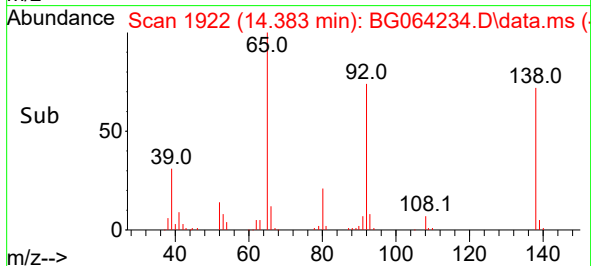
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:138 Resp: 4358
Ion Ratio Lower Upper
138 100
108 11.8 11.0 16.6
92 118.5 91.4 137.0

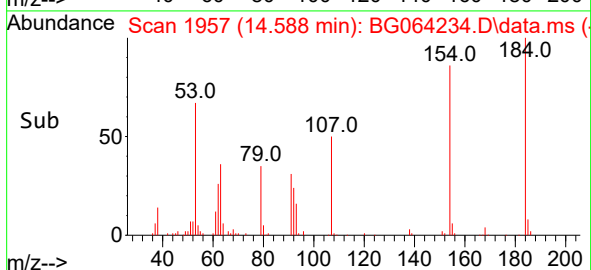
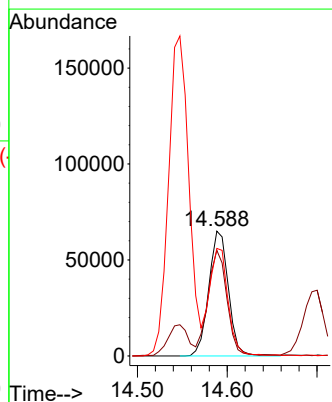
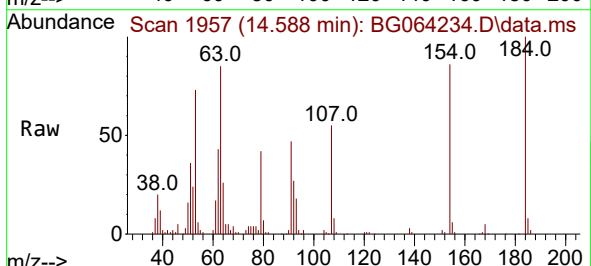
Manual Integrations
APPROVED

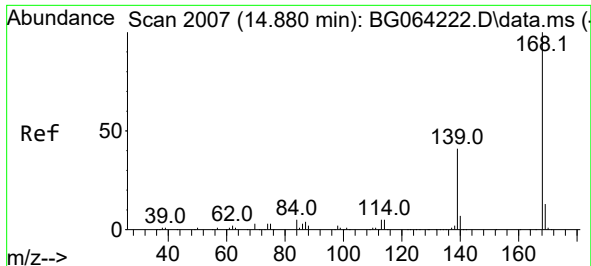
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#54
2,4-Dinitrophenol
Concen: 99.665 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:184 Resp: 98692
Ion Ratio Lower Upper
184 100
63 84.7 60.1 90.1
154 86.2 59.8 89.8





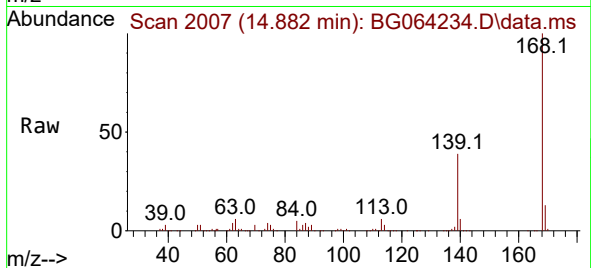
#55
Dibenzenofuran
Concen: 46.824 ng
RT: 14.882 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



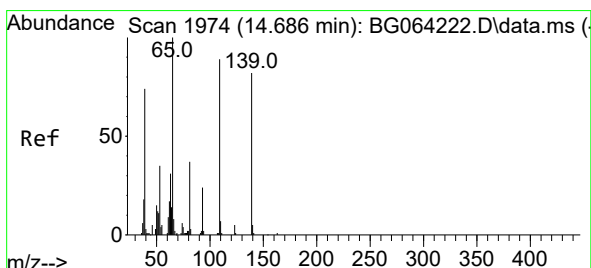
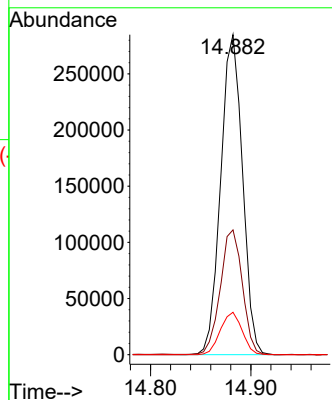
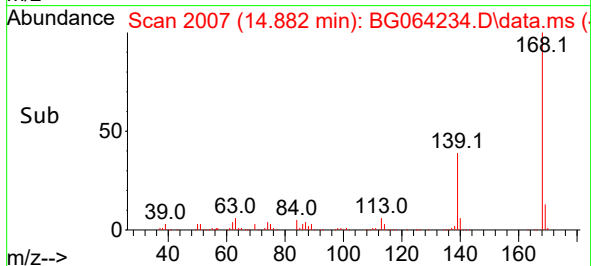
Tgt Ion:168 Resp: 428708
Ion Ratio Lower Upper
168 100
139 39.0 33.2 49.8
169 13.3 10.4 15.6

Manual Integrations

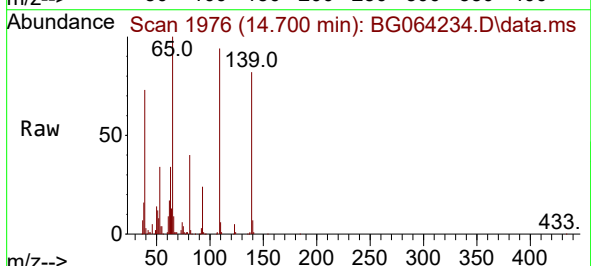
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

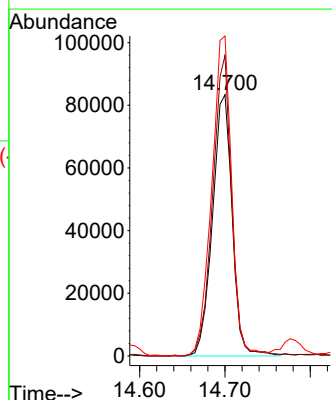
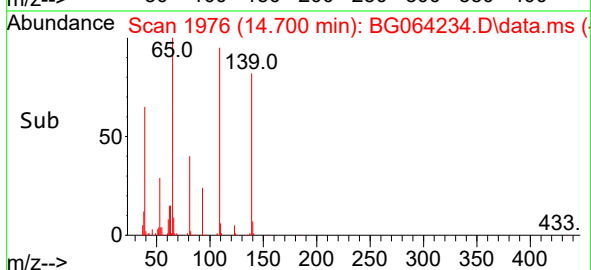
Supervised By :Jagrut Upadhyay 09/02/2025

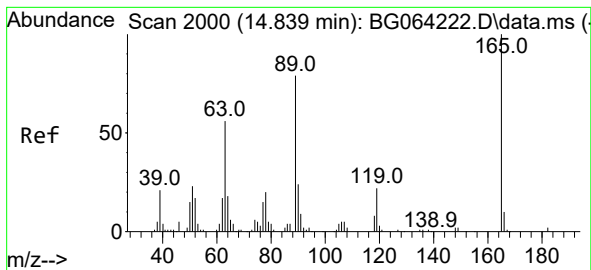


#56
4-Nitrophenol
Concen: 104.318 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:139 Resp: 133847
Ion Ratio Lower Upper
139 100
109 115.0 89.1 129.1
65 122.4 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 52.306 ng
RT: 14.847 min Scan# 2000
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

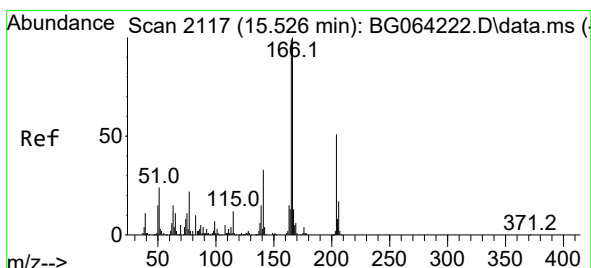
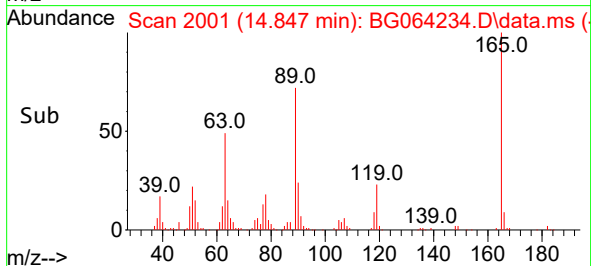
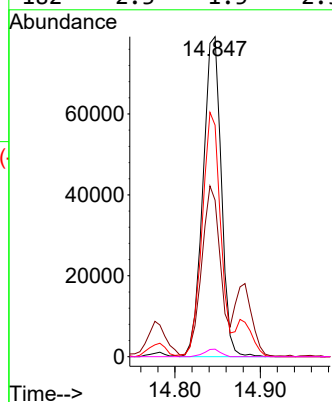
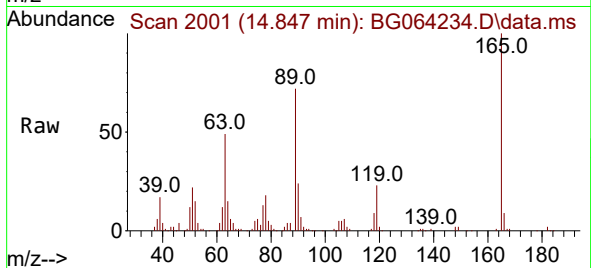
PB169461BS

Tgt Ion:165 Resp: 118095
Ion Ratio Lower Upper
165 100
63 48.9 44.6 67.0
89 72.3 63.0 94.4
182 2.3 1.5 2.3#

Manual Integrations

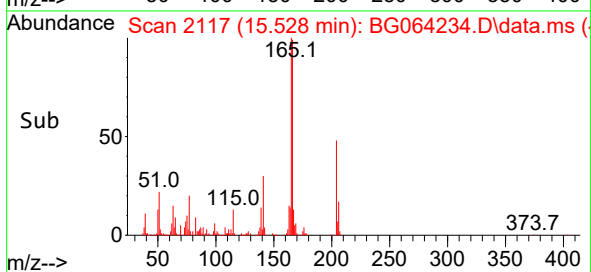
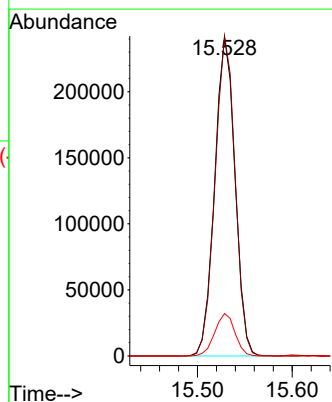
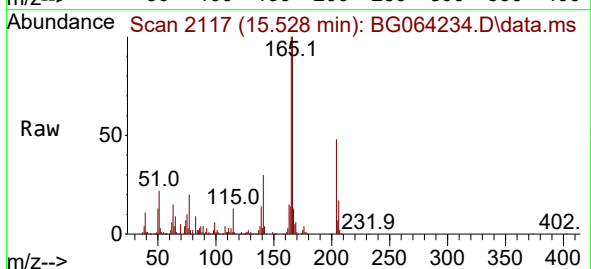
APPROVED

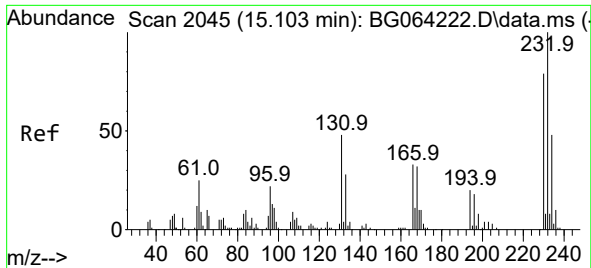
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#58
Fluorene
Concen: 47.857 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

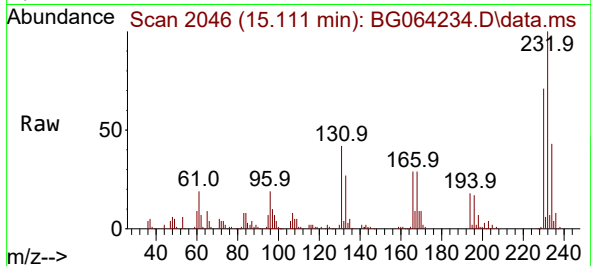
Tgt Ion:166 Resp: 359132
Ion Ratio Lower Upper
166 100
165 100.4 79.1 118.7
167 13.3 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.938 ng m
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

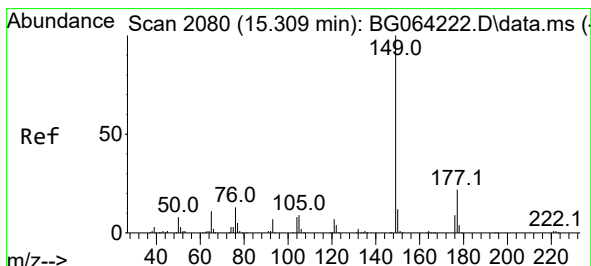
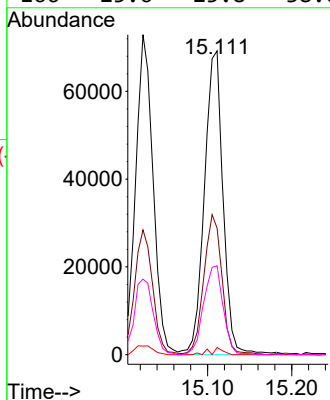
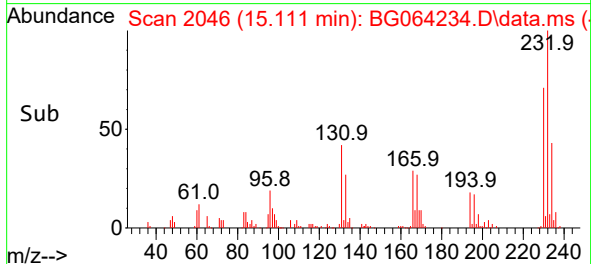
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:232 Resp: 106491
Ion Ratio Lower Upper
232 100
131 40.0 37.1 55.7
130 2.9 2.6 3.8
166 25.6 25.8 38.6#

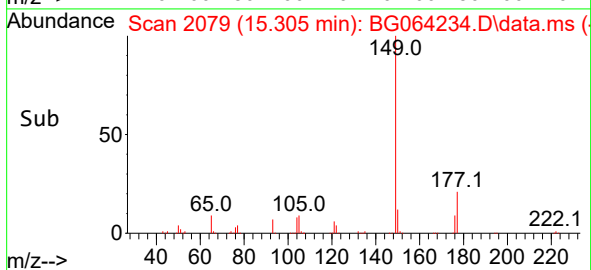
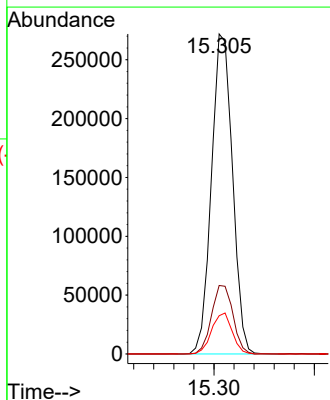
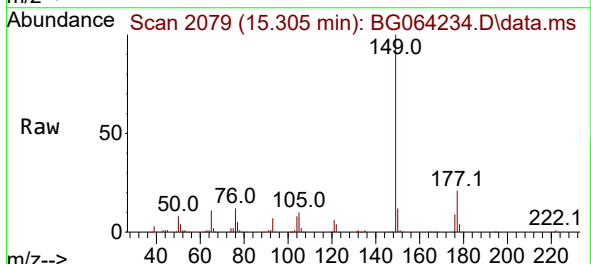
Manual Integrations
APPROVED

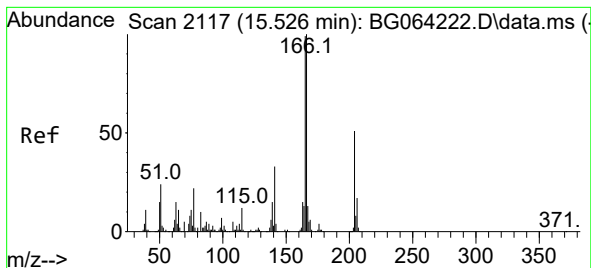
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#60
Diethylphthalate
Concen: 47.901 ng
RT: 15.305 min Scan# 2079
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

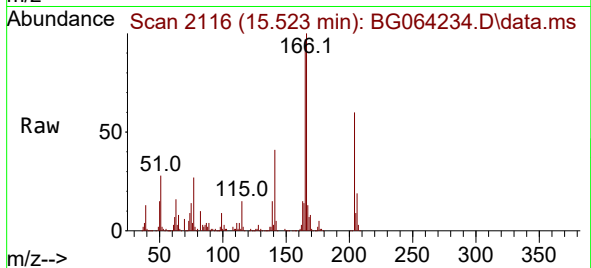
Tgt Ion:149 Resp: 395416
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.679 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

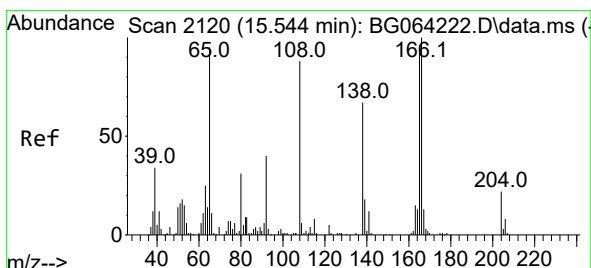
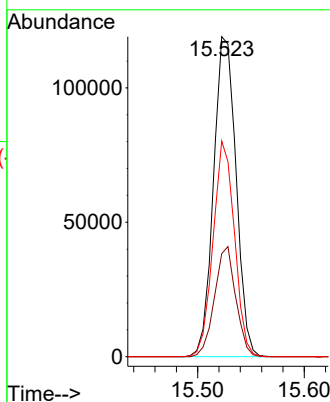
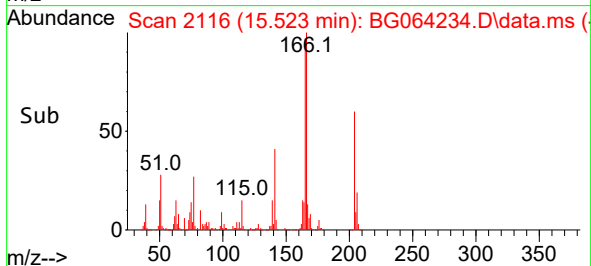
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:204 Resp: 174650
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 67.4 51.9 77.9

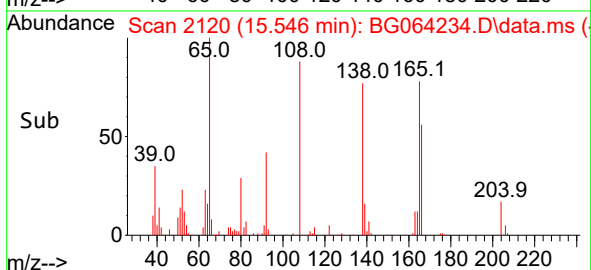
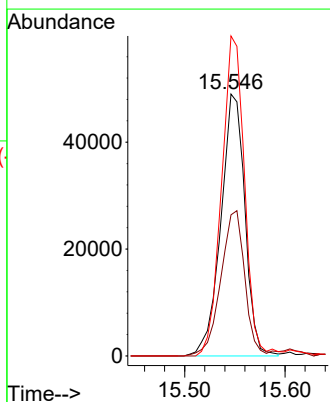
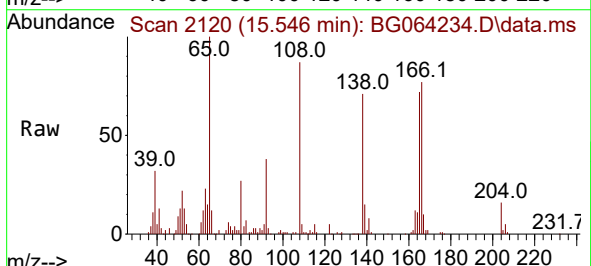
Manual Integrations
APPROVED

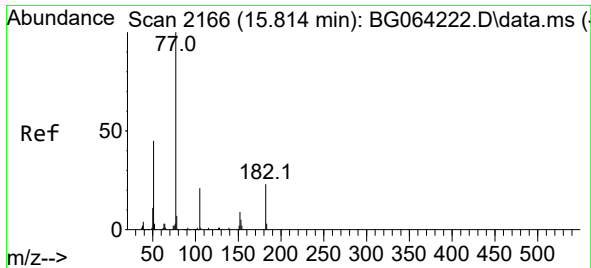
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#62
4-Nitroaniline
Concen: 51.055 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

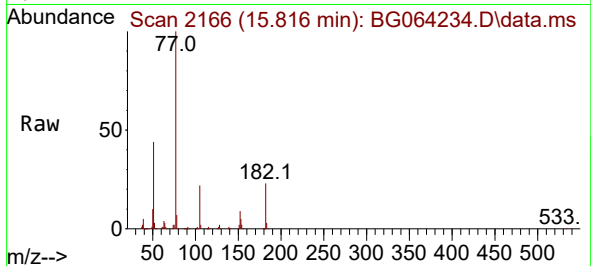
Tgt Ion:138 Resp: 81487
Ion Ratio Lower Upper
138 100
92 53.9 39.1 79.1
108 122.2 111.3 151.3





#63
Azobenzene
Concen: 48.685 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

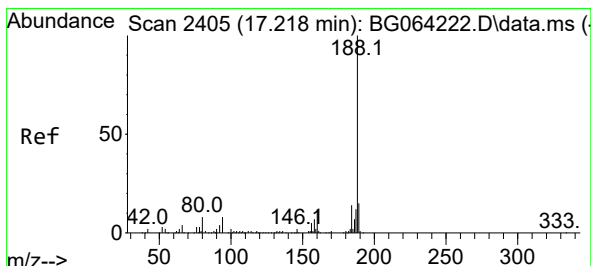
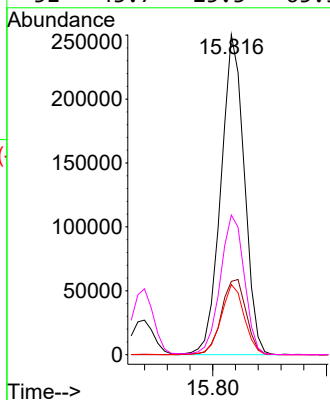
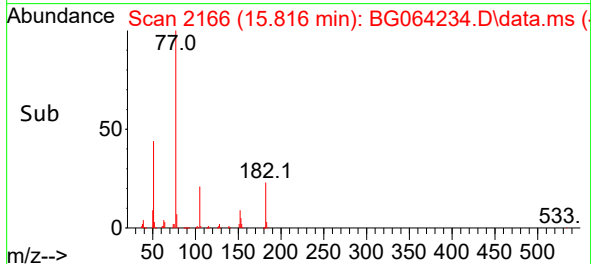
Instrument :
BNA_G
ClientSampleId :
PB169461BS



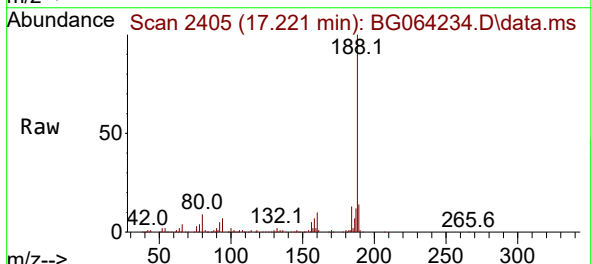
Tgt Ion: 77 Resp: 35819
Ion Ratio Lower Upper
77 100
182 22.9 3.3 43.3
105 22.0 0.6 40.6
51 43.7 25.3 65.3

Manual Integrations
APPROVED

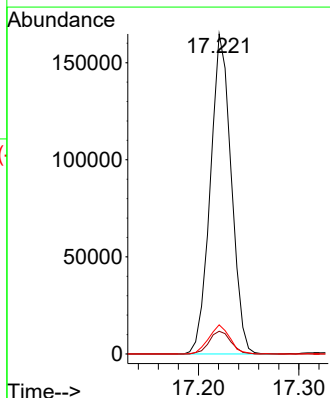
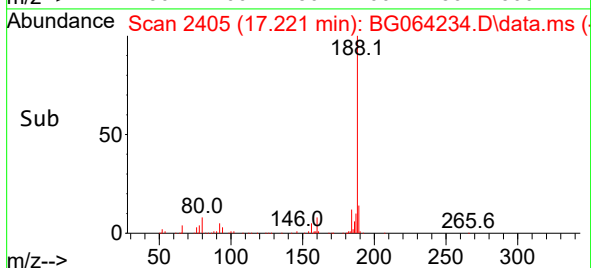
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

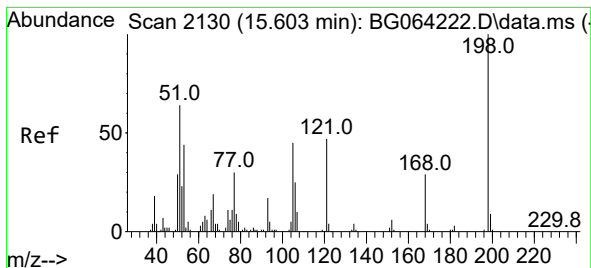


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:188 Resp: 239191
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 9.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.543 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

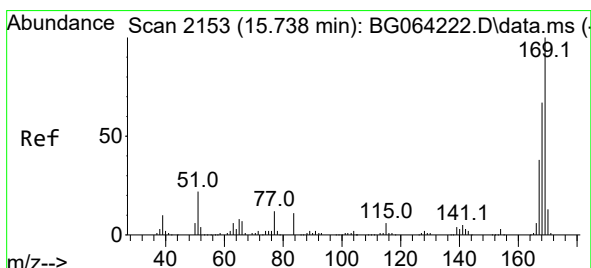
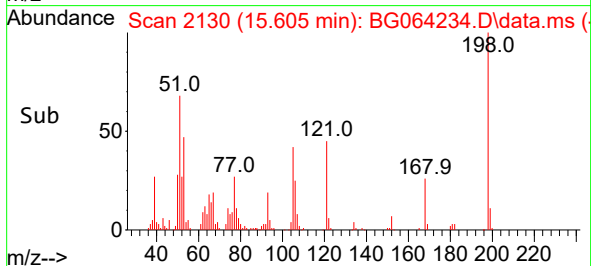
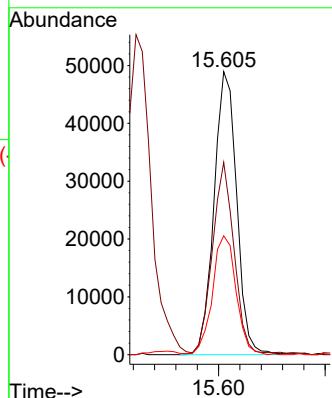
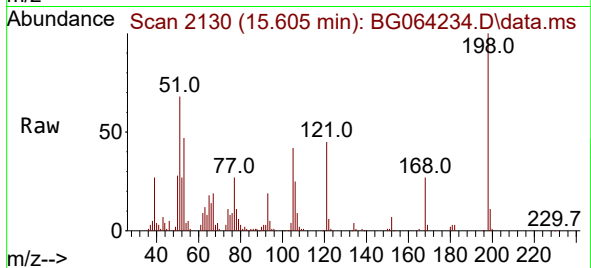
PB169461BS

Tgt Ion:198 Resp: 72150
Ion Ratio Lower Upper
198 100
51 67.9 46.2 86.2
105 42.0 25.0 65.0

Manual Integrations

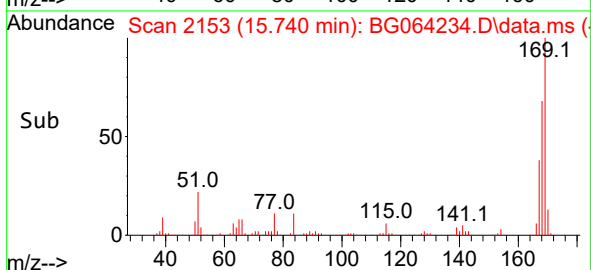
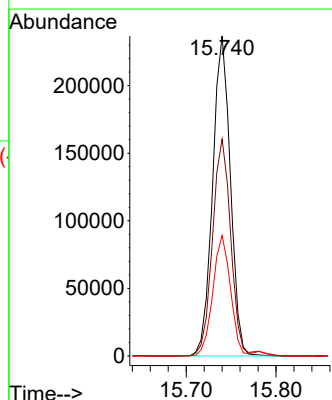
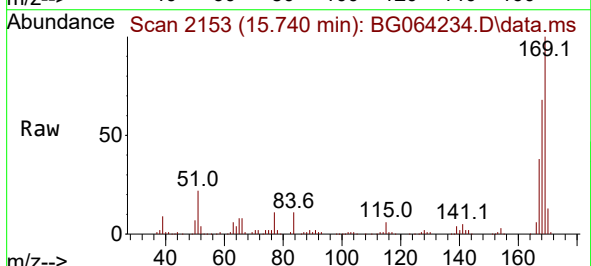
APPROVED

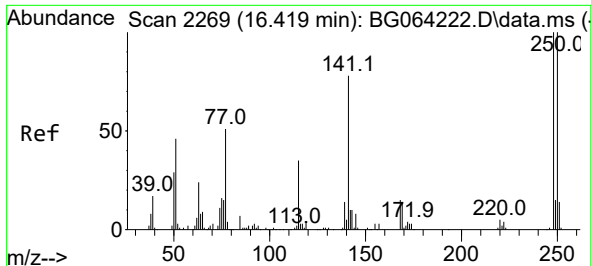
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#66
n-Nitrosodiphenylamine
Concen: 49.359 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:169 Resp: 324778
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.8
167 37.7 30.2 45.2





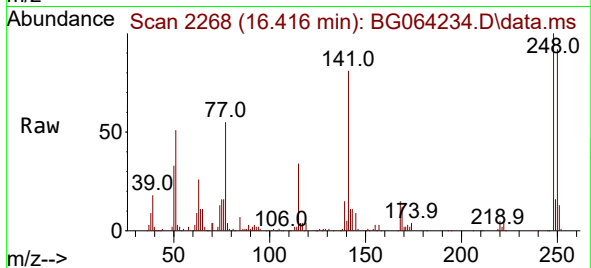
#67
4-Bromophenyl-phenylether
Concen: 48.329 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

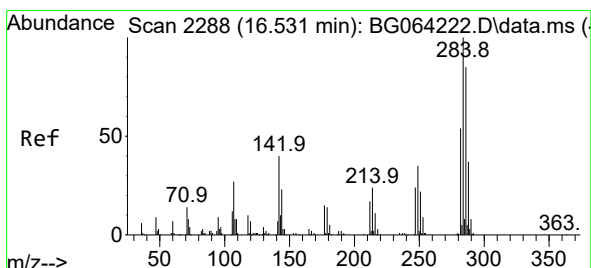
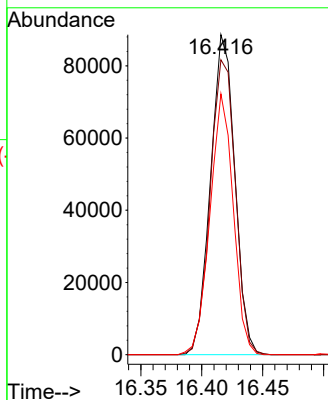
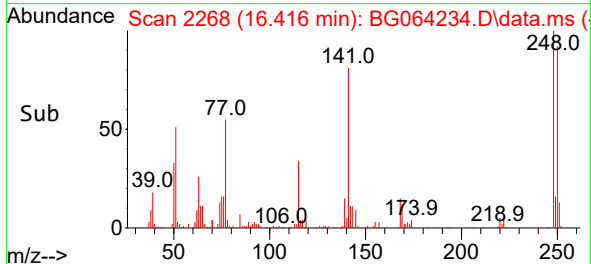


Tgt Ion:248 Resp: 122779
Ion Ratio Lower Upper
248 100
250 92.1 80.2 120.4
141 81.5 62.4 93.6

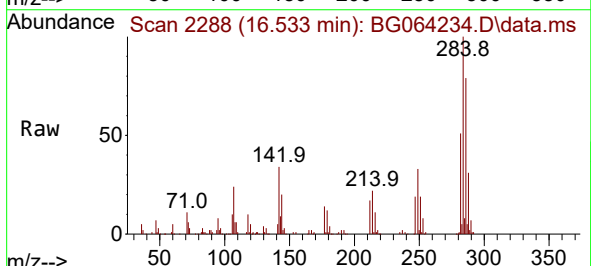
Manual Integrations

APPROVED

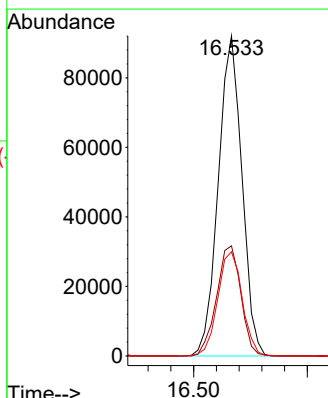
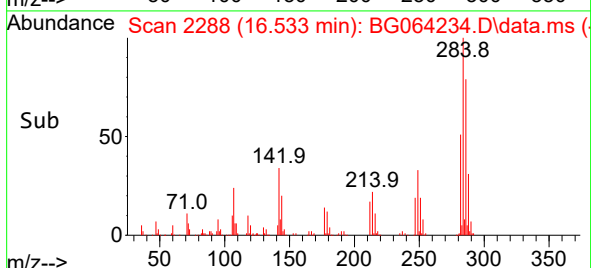
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

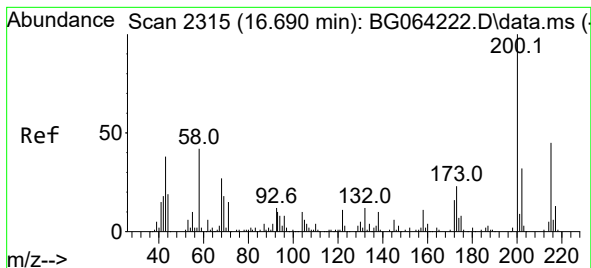


#68
Hexachlorobenzene
Concen: 47.063 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:284 Resp: 132774
Ion Ratio Lower Upper
284 100
142 34.4 32.1 48.1
249 32.6 28.3 42.5





#69

Atrazine

Concen: 47.769 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion:200 Resp: 13124

Ion Ratio Lower Upper

200 100

173 24.0 3.5 43.5

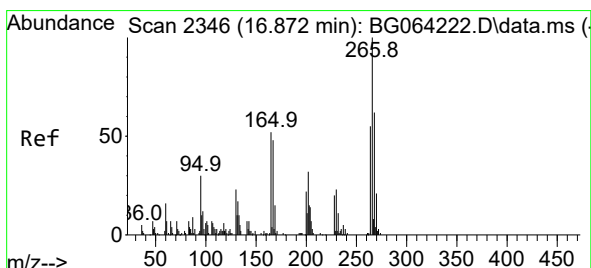
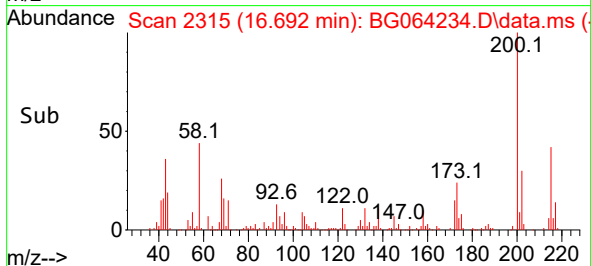
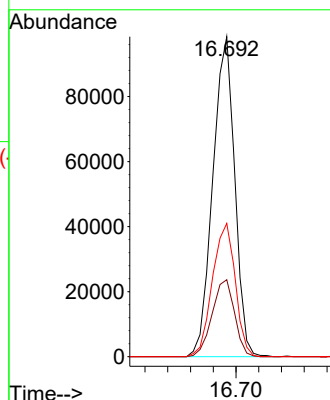
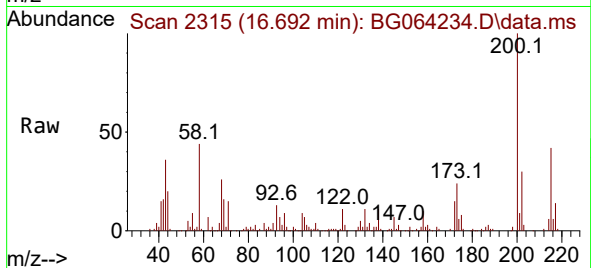
215 41.7 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#70

Pentachlorophenol

Concen: 106.195 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

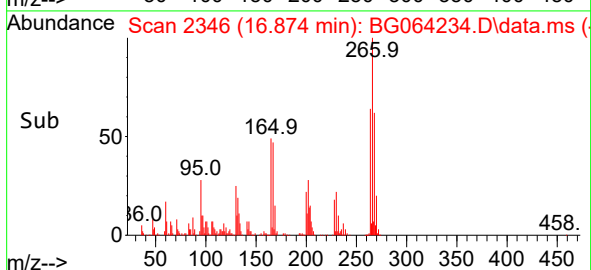
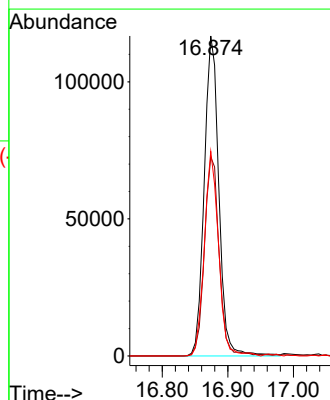
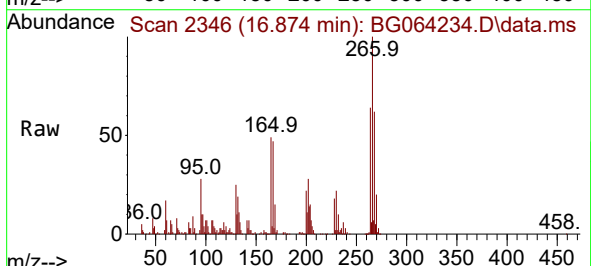
Tgt Ion:266 Resp: 181659

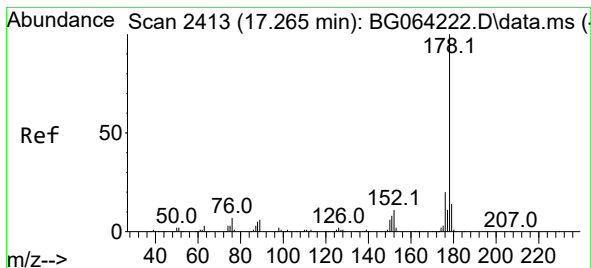
Ion Ratio Lower Upper

266 100

268 62.2 49.4 74.0

264 64.0 44.3 66.5





#71

Phenanthrene

Concen: 47.729 ng

RT: 17.268 min Scan# 2413

Delta R.T. 0.002 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

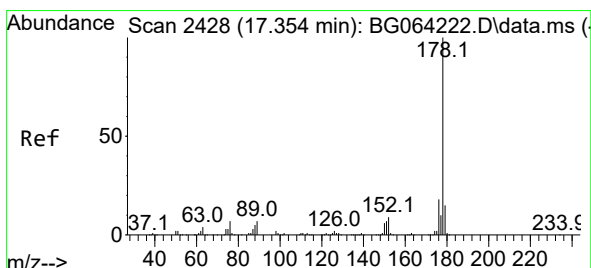
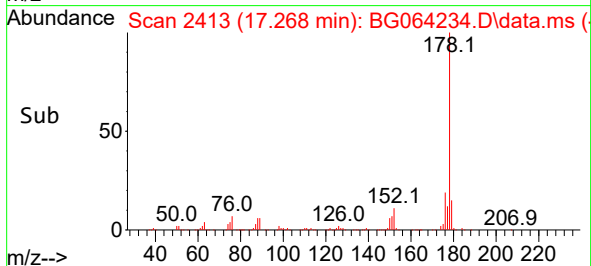
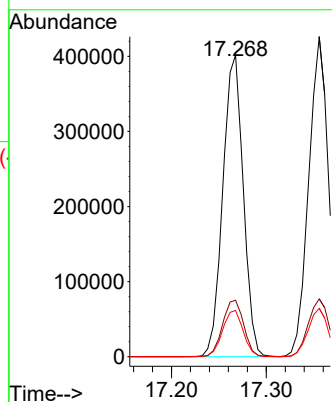
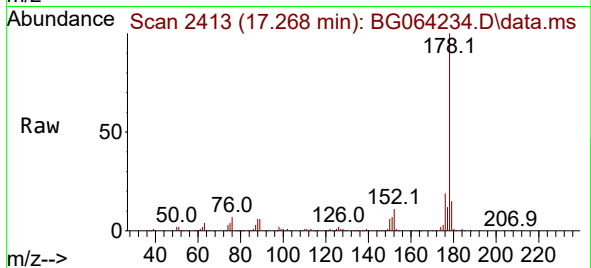
Tgt Ion:178 Resp: 60214
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.9 23.9
 179 15.3 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#72

Anthracene

Concen: 48.155 ng

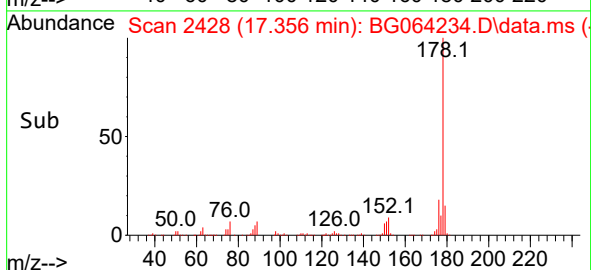
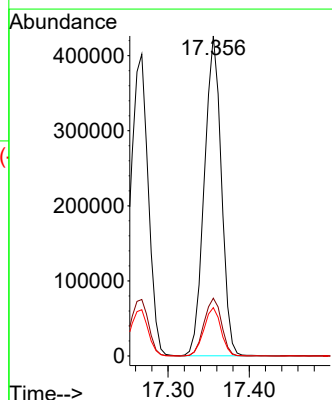
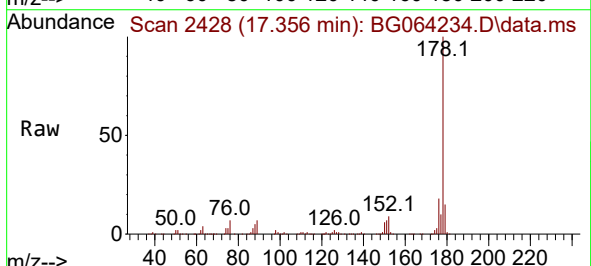
RT: 17.356 min Scan# 2428

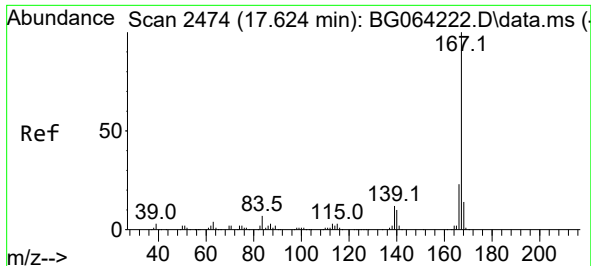
Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

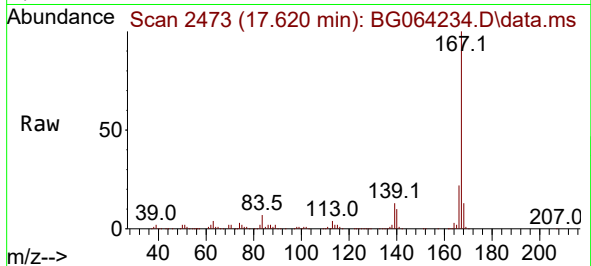
Tgt Ion:178 Resp: 617973
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.7 22.1
 179 15.1 12.1 18.1





#73
Carbazole
Concen: 49.871 ng
RT: 17.620 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

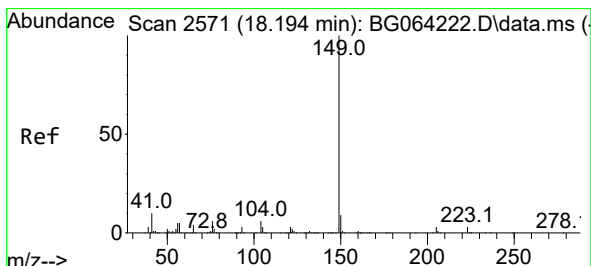
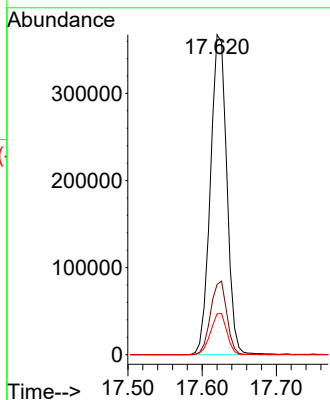
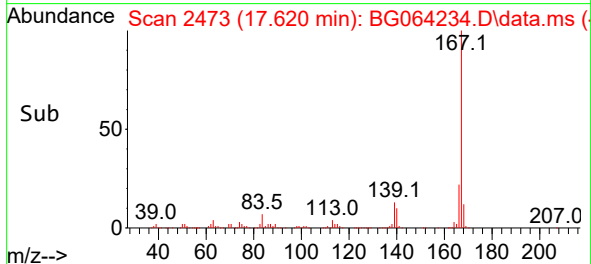
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:167 Resp: 56379
Ion Ratio Lower Upper
167 100
166 21.9 18.2 27.2
139 12.8 9.8 14.6

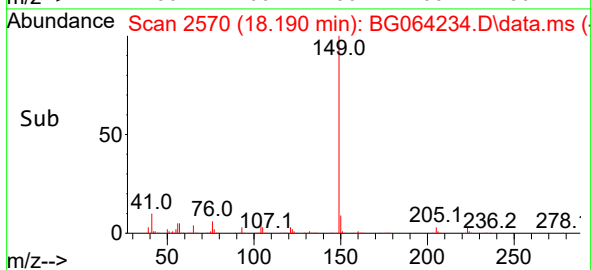
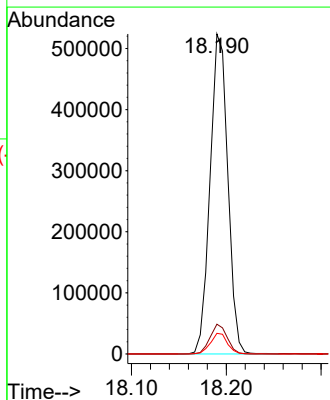
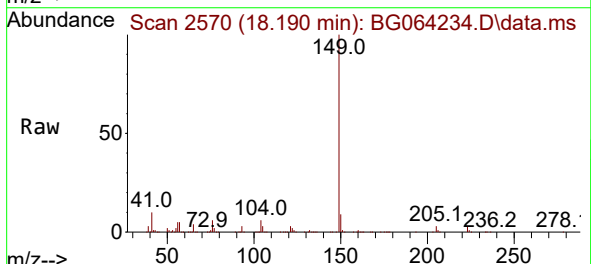
Manual Integrations
APPROVED

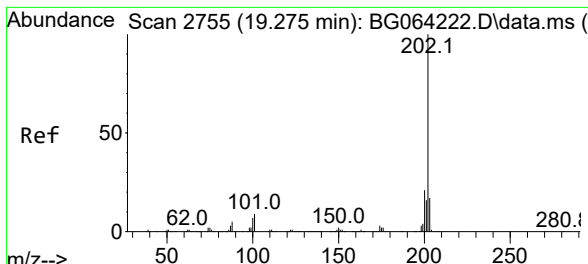
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#74
Di-n-butylphthalate
Concen: 50.037 ng
RT: 18.190 min Scan# 2570
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

Tgt Ion:149 Resp: 679604
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.4 4.6 7.0





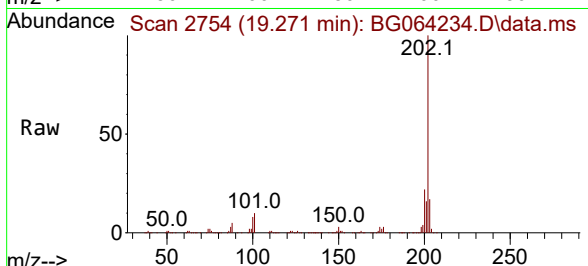
#75
 Fluoranthene
 Concen: 48.025 ng
 RT: 19.271 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064234.D
 Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



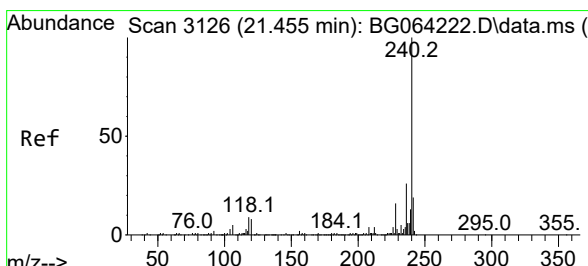
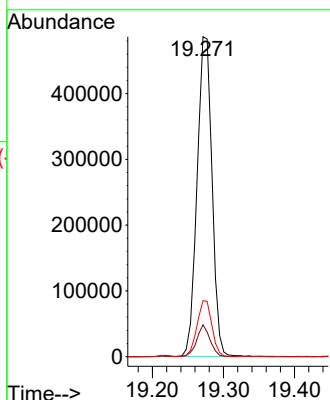
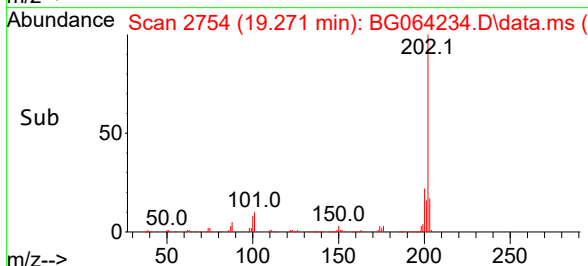
Tgt Ion:202 Resp: 71238
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 28.7
 203 17.5 0.0 36.9

Manual Integrations

APPROVED

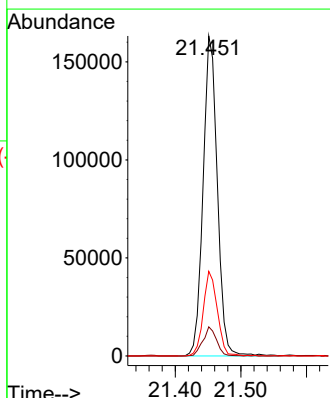
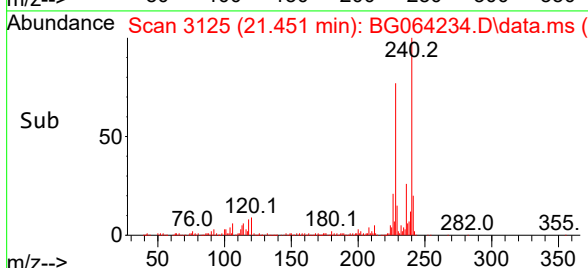
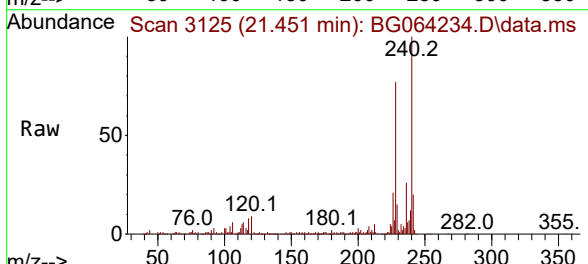
Reviewed By :Rahul Chavli 09/02/2025

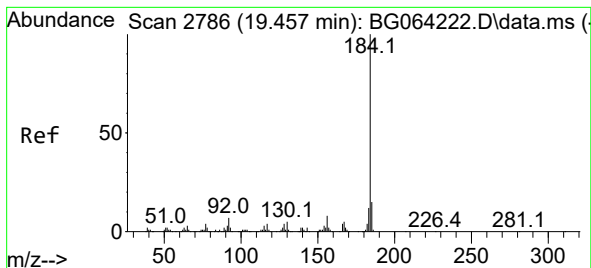
Supervised By :Jagrut Upadhyay 09/02/2025



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.451 min Scan# 3125
 Delta R.T. -0.004 min
 Lab File: BG064234.D
 Acq: 29 Aug 2025 19:18

Tgt Ion:240 Resp: 246917
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.2 9.4
 236 26.5 20.5 30.7





#77

Benzidine

Concen: 41.595 ng

RT: 19.453 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion:184 Resp: 21605

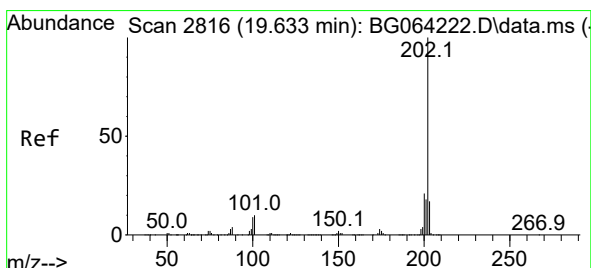
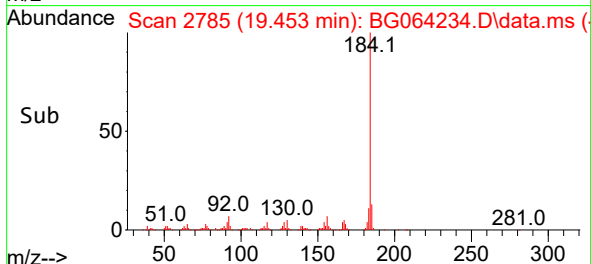
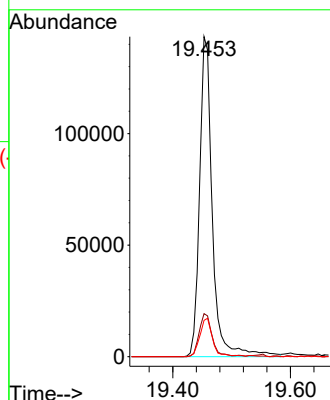
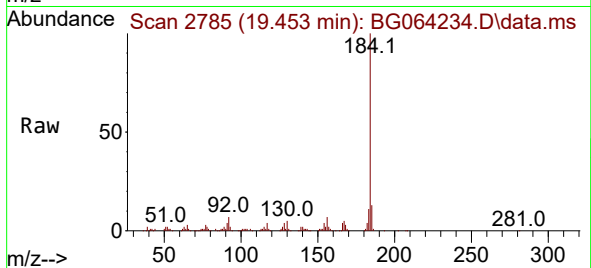
Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.7	17.5
183	11.3	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#78

Pyrene

Concen: 47.392 ng

RT: 19.635 min Scan# 2816

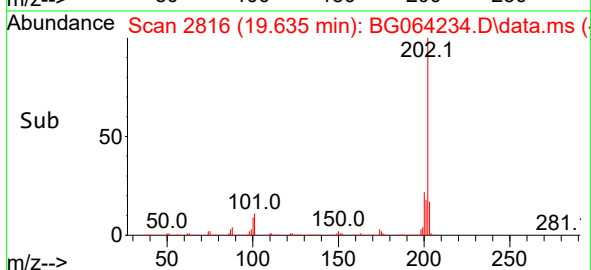
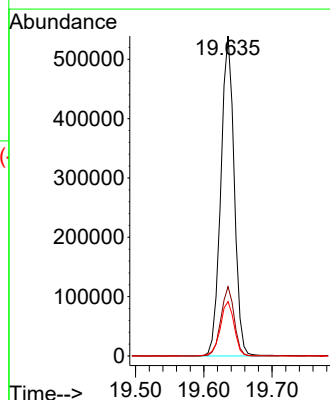
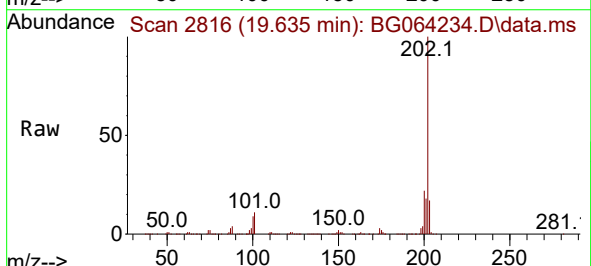
Delta R.T. -0.004 min

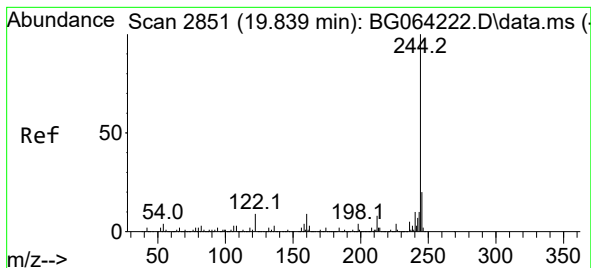
Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Tgt Ion:202 Resp: 737229

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.0	13.8	20.8





#79

Terphenyl-d14

Concen: 94.778 ng

RT: 19.841 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064234.D

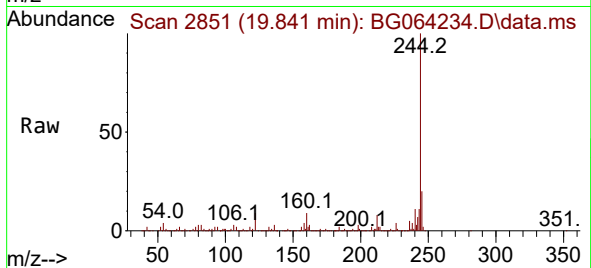
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



Tgt Ion:244 Resp: 112168

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

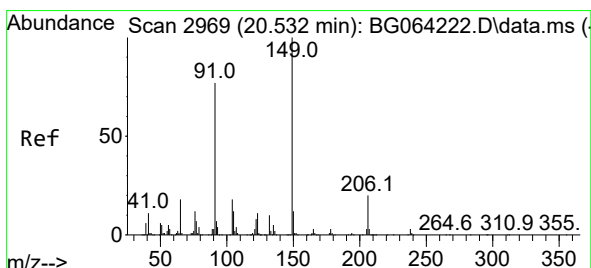
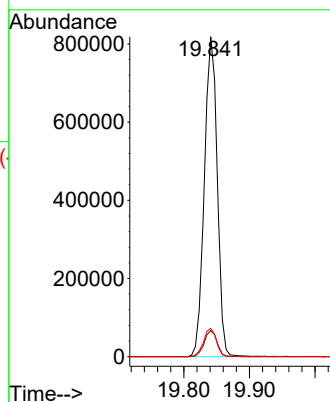
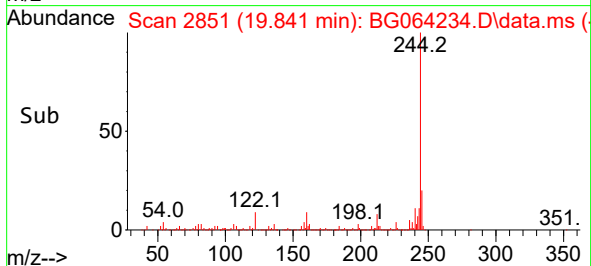
122 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#80

Butylbenzylphthalate

Concen: 50.942 ng

RT: 20.534 min Scan# 2969

Delta R.T. 0.002 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

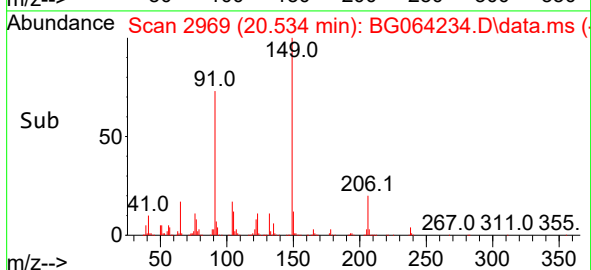
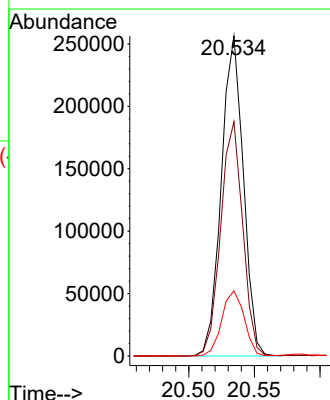
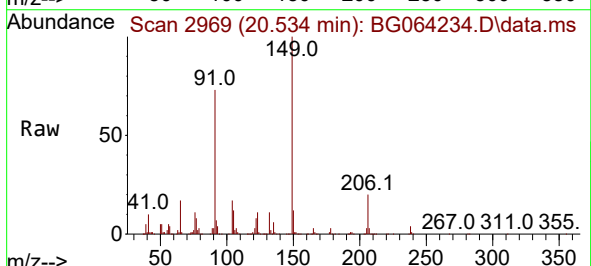
Tgt Ion:149 Resp: 298895

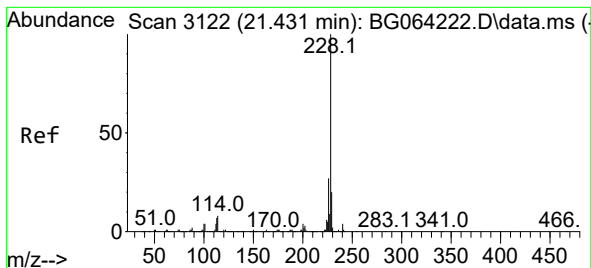
Ion Ratio Lower Upper

149 100

91 73.2 61.4 92.0

206 20.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 48.832 ng

RT: 21.433 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion:228 Resp: 77139

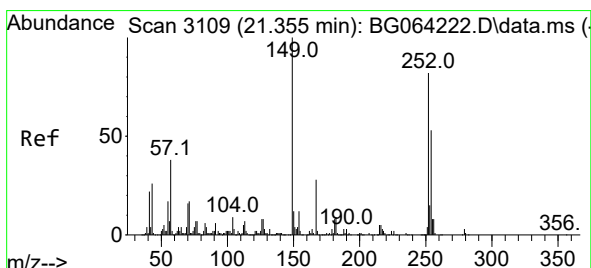
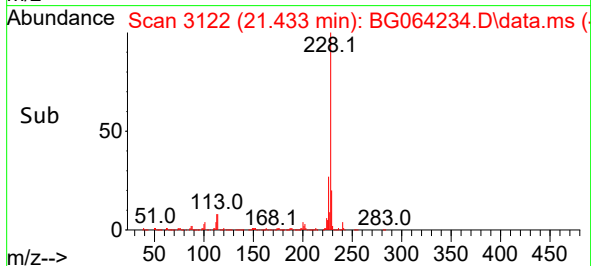
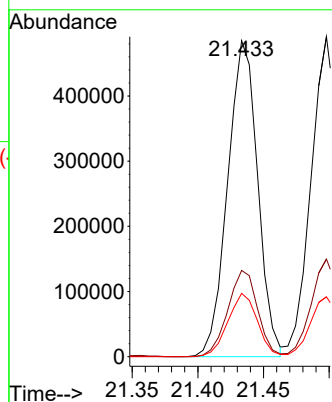
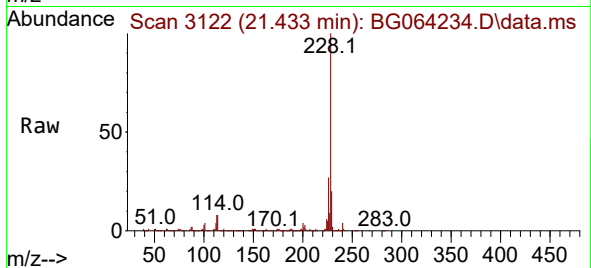
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	20.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#82

3,3'-Dichlorobenzidine

Concen: 29.127 ng

RT: 21.357 min Scan# 3109

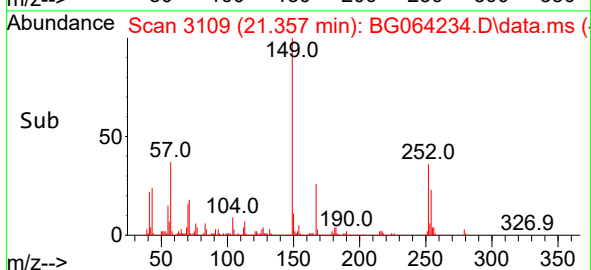
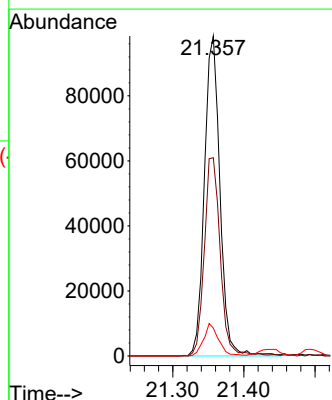
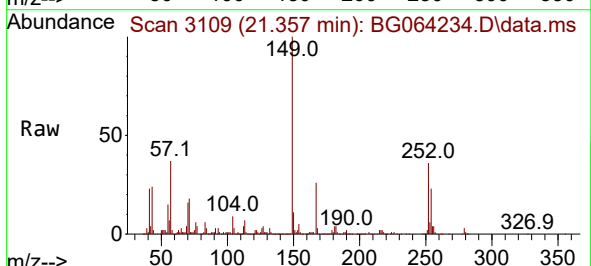
Delta R.T. -0.004 min

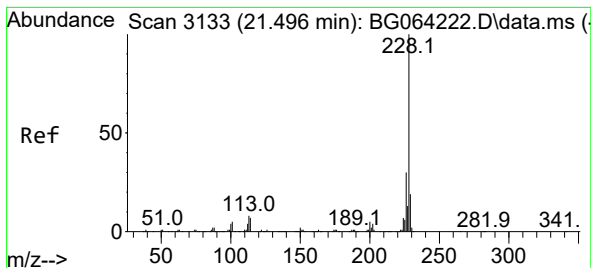
Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Tgt Ion:252 Resp: 149848

Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.9	77.9
126	8.7	7.6	11.4





#83

Chrysene

Concen: 48.774 ng

RT: 21.498 min Scan# 3133

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS

Tgt Ion:228 Resp: 73968

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

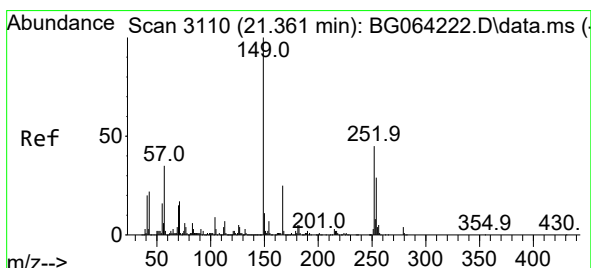
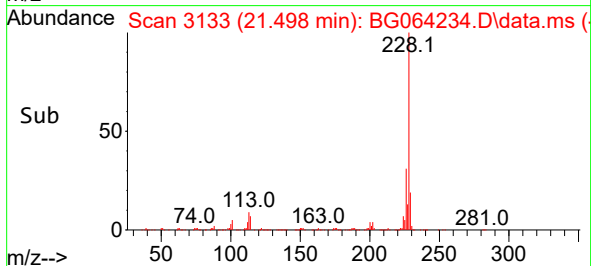
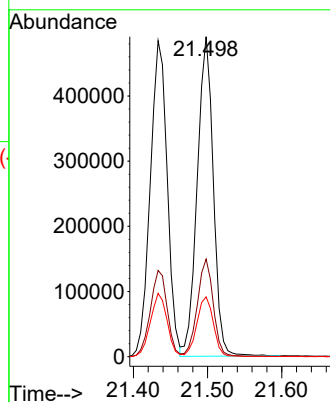
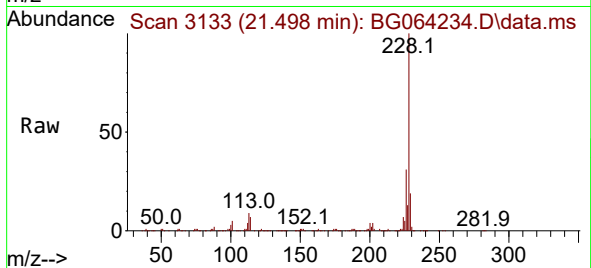
229 18.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.045 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

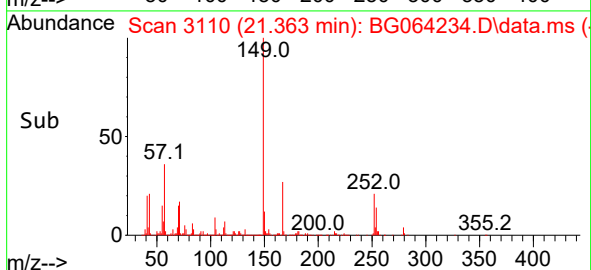
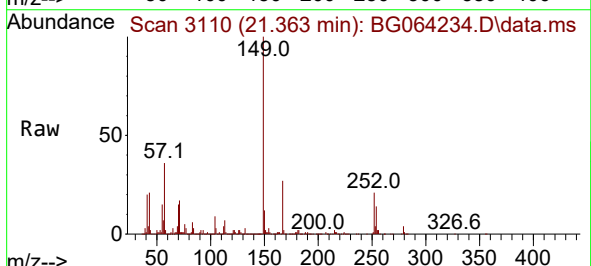
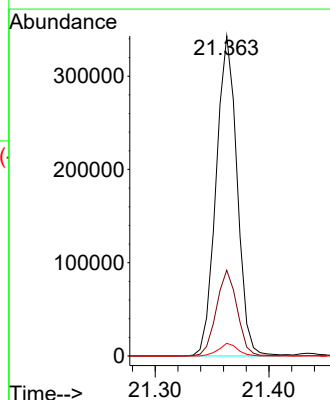
Tgt Ion:149 Resp: 440848

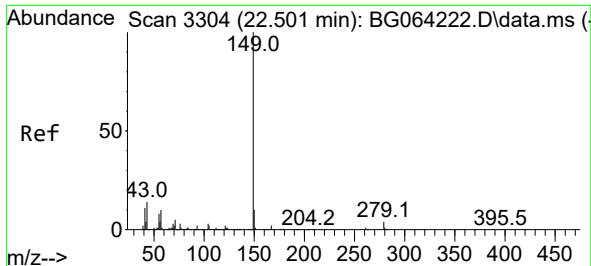
Ion Ratio Lower Upper

149 100

167 26.8 20.0 30.0

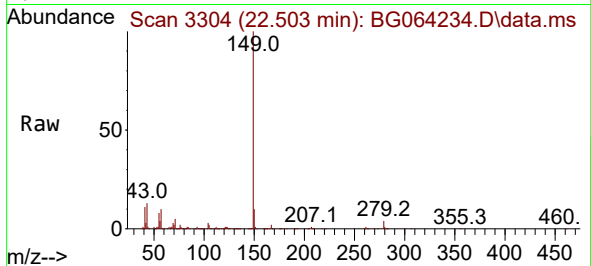
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 50.291 ng
RT: 22.503 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

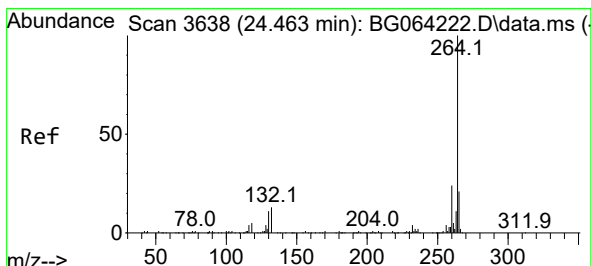
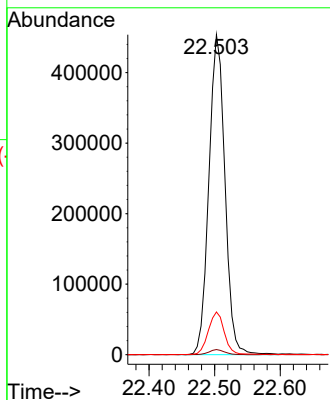
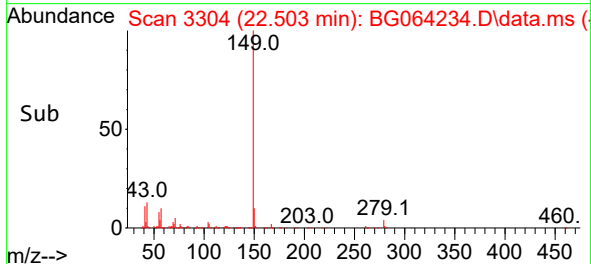
Instrument :
BNA_G
ClientSampleId :
PB169461BS



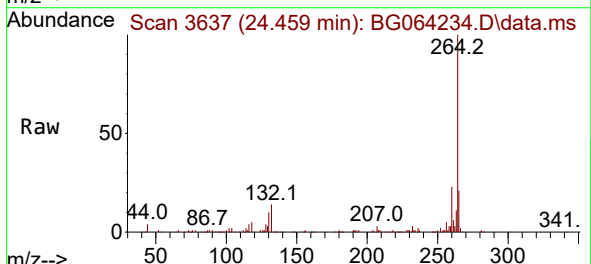
Tgt Ion:149 Resp: 771910
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

Manual Integrations
APPROVED

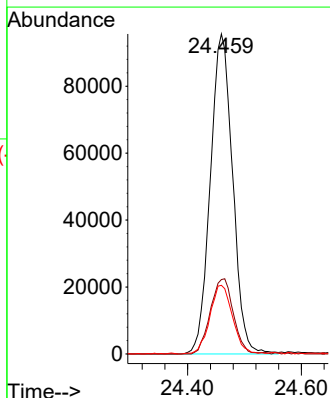
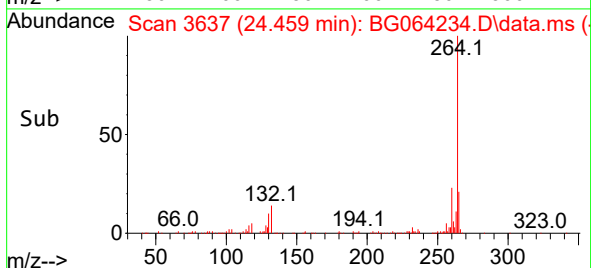
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

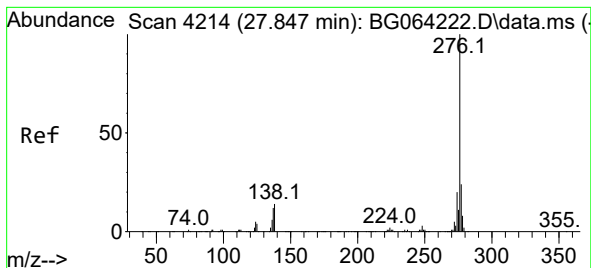


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:264 Resp: 260584
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.860 ng

RT: 27.855 min Scan# 4215

Delta R.T. -0.016 min

Lab File: BG064234.D

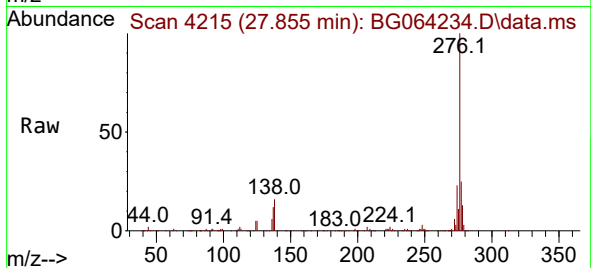
Acq: 29 Aug 2025 19:18

Instrument :

BNA_G

ClientSampleId :

PB169461BS



Tgt Ion:276 Resp: 905089

Ion Ratio Lower Upper

276 100

138 20.2 7.4 11.0

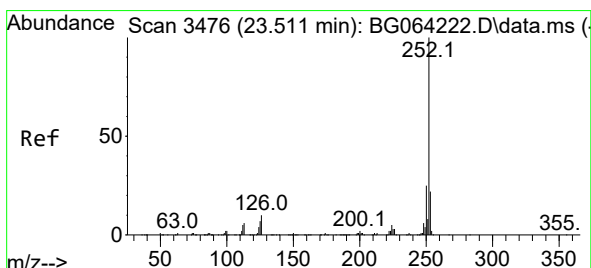
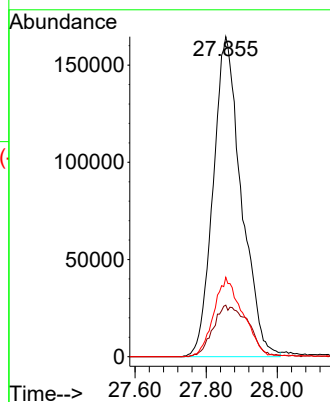
277 25.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#88

Benzo(b)fluoranthene

Concen: 51.840 ng

RT: 23.513 min Scan# 3476

Delta R.T. -0.004 min

Lab File: BG064234.D

Acq: 29 Aug 2025 19:18

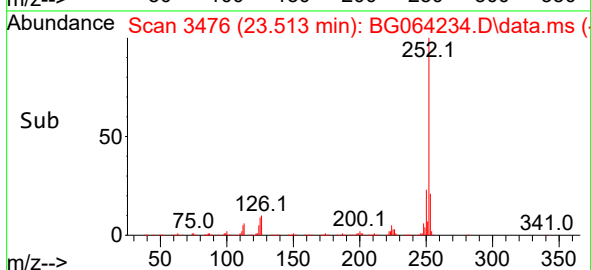
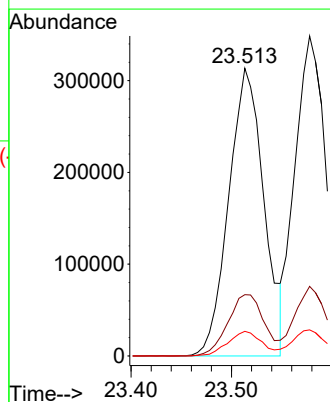
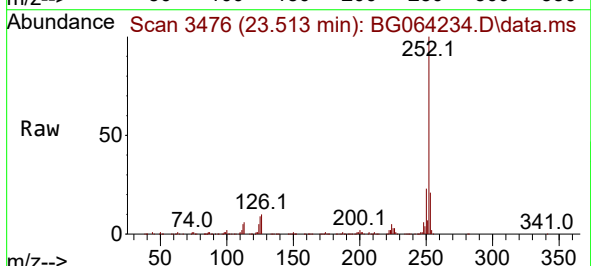
Tgt Ion:252 Resp: 762418

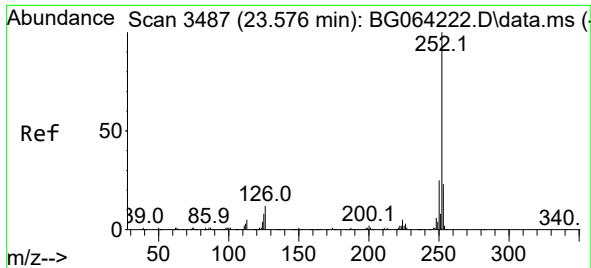
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

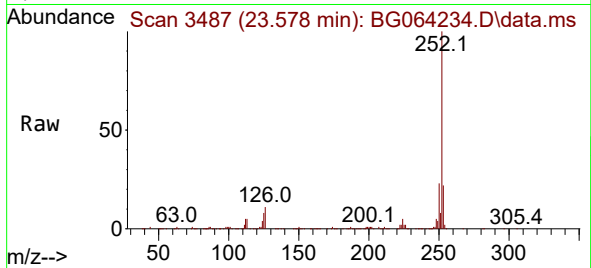
125 8.6 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 50.690 ng
RT: 23.578 min Scan# 3487
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

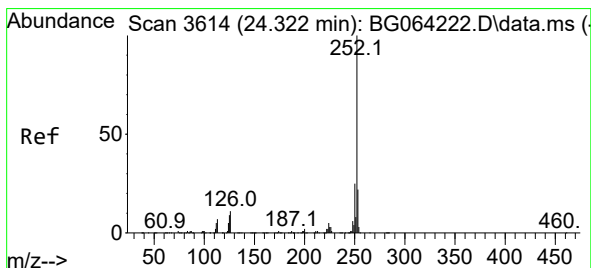
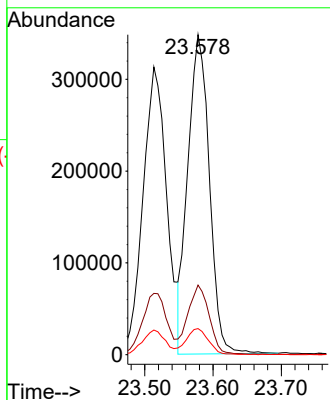
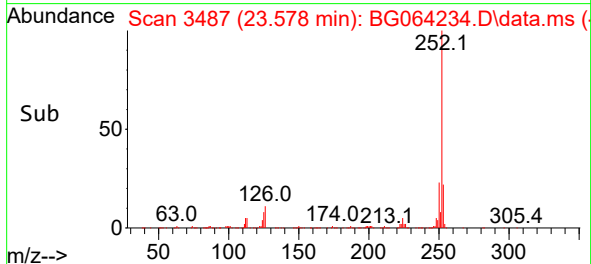
Instrument :
BNA_G
ClientSampleId :
PB169461BS



Tgt Ion:252 Resp: 759498
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 8.2 7.0 10.4

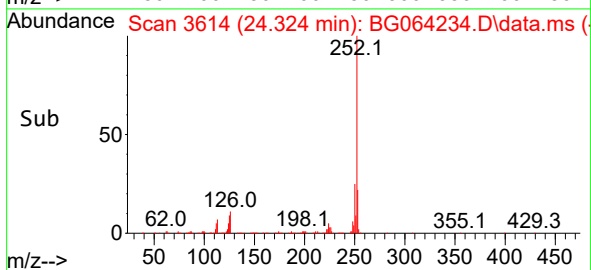
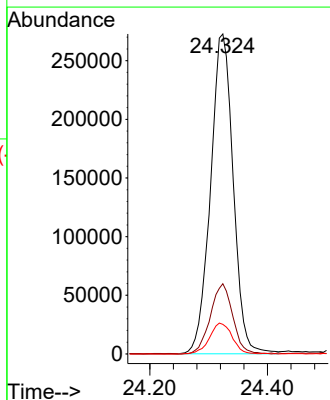
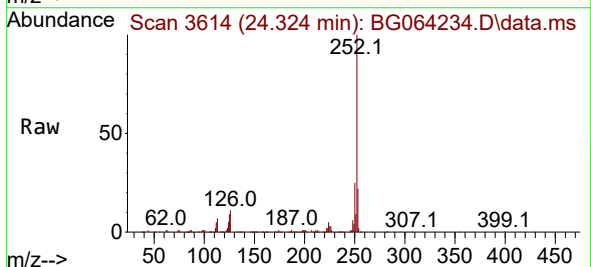
Manual Integrations
APPROVED

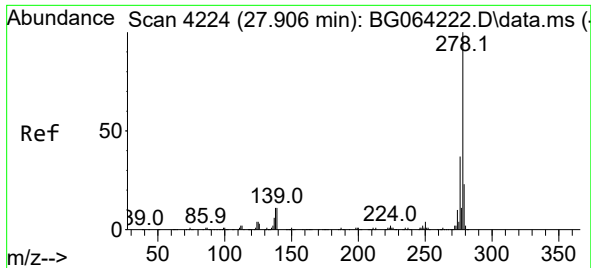
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#90
Benzo(a)pyrene
Concen: 53.330 ng
RT: 24.324 min Scan# 3614
Delta R.T. -0.004 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

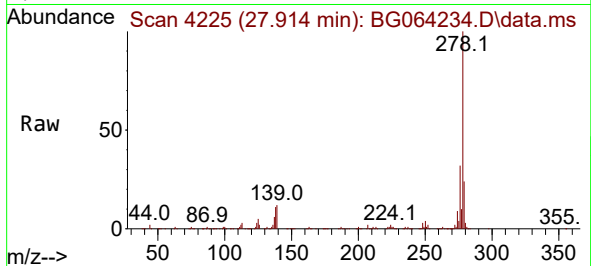
Tgt Ion:252 Resp: 729597
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 52.572 ng
RT: 27.914 min Scan# 41
Delta R.T. -0.010 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18

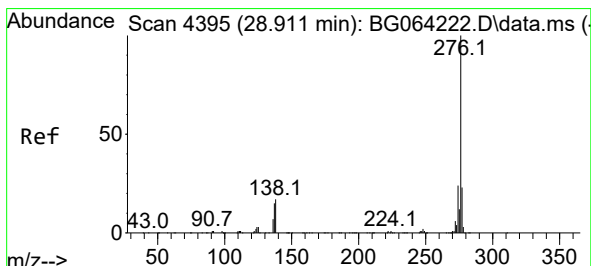
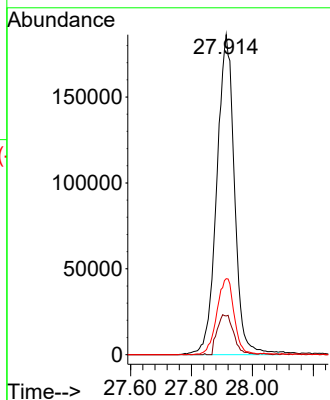
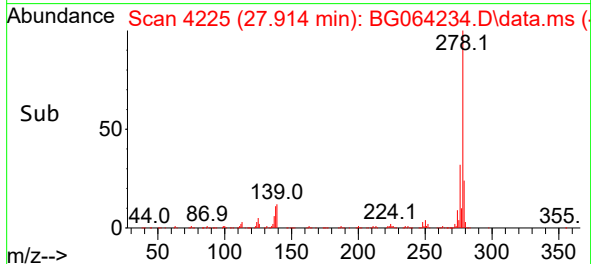
Instrument :
BNA_G
ClientSampleId :
PB169461BS



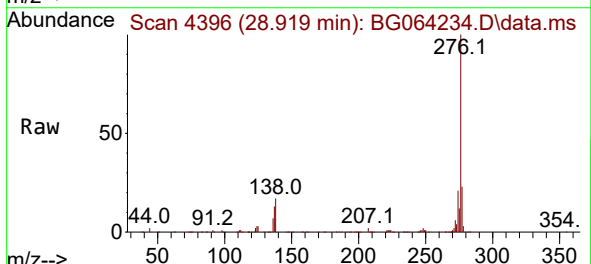
Tgt Ion:278 Resp: 75115
Ion Ratio Lower Upper
278 100
139 12.1 9.0 13.4
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#92
Benzo(g,h,i)perylene
Concen: 52.421 ng
RT: 28.919 min Scan# 4396
Delta R.T. -0.016 min
Lab File: BG064234.D
Acq: 29 Aug 2025 19:18



Tgt Ion:276 Resp: 728832
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.4
138 16.9 13.3 19.9

