

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064177.D
 Acq On : 3 Apr 2025 22:00
 Operator : RC/JU
 Sample : PB167445BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167445BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:48:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	25821	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	125937	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	98883	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	233641	20.000	ng	0.00
76) Chrysene-d12	21.456	240	226061	20.000	ng	0.00
86) Perylene-d12	24.464	264	248435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	270559	163.612	ng	0.00
7) Phenol-d6	7.031	99	364149	161.871	ng	0.00
23) Nitrobenzene-d5	9.011	82	255847	112.267	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	206822	188.165	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	627187	96.275	ng	-0.01
79) Terphenyl-d14	19.846	244	1192265	106.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	24810	33.105	ng	94
3) Pyridine	3.747	79	72860	39.975	ng	95
4) n-Nitrosodimethylamine	3.665	42	62091	47.680	ng	92
6) Aniline	7.190	93	83309	37.740	ng	98
8) 2-Chlorophenol	7.425	128	107229	60.375	ng	98
9) Benzaldehyde	6.996	77	58446	44.671	ng	99
10) Phenol	7.055	94	134744	58.502	ng	98
11) bis(2-Chloroethyl)ether	7.284	93	88849	49.204	ng	95
12) 1,3-Dichlorobenzene	7.748	146	98616	50.564	ng	97
13) 1,4-Dichlorobenzene	7.895	146	102684	51.366	ng	96
14) 1,2-Dichlorobenzene	8.212	146	100845	52.315	ng	98
15) Benzyl Alcohol	8.095	79	105311	60.579	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.383	45	209700	51.647	ng	99
17) 2-Methylphenol	8.300	107	95051	62.180	ng	94
18) Hexachloroethane	8.935	117	41461	59.279	ng	96
19) n-Nitroso-di-n-propyla...	8.659	70	87820	55.625	ng	99
20) 3+4-Methylphenols	8.624	107	129780	61.668	ng	92
22) Acetophenone	8.676	105	165412	47.905	ng	# 98
24) Nitrobenzene	9.052	77	129449	54.964	ng	98
25) Isophorone	9.575	82	243344	53.349	ng	96
26) 2-Nitrophenol	9.758	139	55286	63.311	ng	# 88
27) 2,4-Dimethylphenol	9.828	122	112297	82.123	ng	93
28) bis(2-Chloroethoxy)met...	10.063	93	138796	50.190	ng	99
29) 2,4-Dichlorophenol	10.298	162	107407	62.205	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	105417	50.575	ng	98
31) Naphthalene	10.698	128	336418	49.540	ng	98
32) Benzoic acid	9.975	122	76144	58.351	ng	99
33) 4-Chloroaniline	10.803	127	33950	13.678	ng	98
34) Hexachlorobutadiene	10.991	225	73618	53.884	ng	97
35) Caprolactam	11.567	113	40546m	61.277	ng	
36) 4-Chloro-3-methylphenol	11.931	107	141081	62.334	ng	97
37) 2-Methylnaphthalene	12.307	142	231576	48.304	ng	98
38) 1-Methylnaphthalene	12.525	142	247189	52.629	ng	99
40) 1,2,4,5-Tetrachloroben...	12.678	216	135454	47.982	ng	# 96
41) Hexachlorocyclopentadiene	12.660	237	204356	257.197	ng	99
43) 2,4,6-Trichlorophenol	12.913	196	97319	58.492	ng	93

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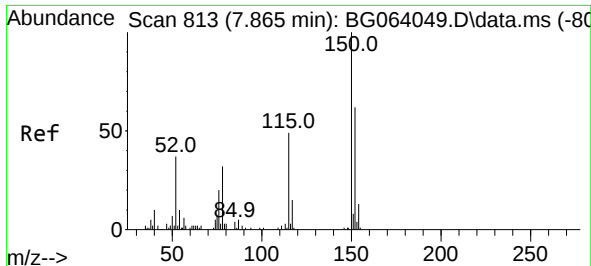
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	108443	58.658	ng	95
46) 1,1'-Biphenyl	13.318	154	359382	48.106	ng	98
47) 2-Chloronaphthalene	13.359	162	272398	49.994	ng	100
48) 2-Nitroaniline	13.559	65	114111	60.063	ng	91
49) Acenaphthylene	14.205	152	469864	54.520	ng	100
50) Dimethylphthalate	13.947	163	385448	52.806	ng	99
51) 2,6-Dinitrotoluene	14.058	165	82878	55.410	ng	98
52) Acenaphthene	14.546	154	291418	50.386	ng	96
53) 3-Nitroaniline	14.382	138	32735	23.204	ng	92
54) 2,4-Dinitrophenol	14.593	184	106263	163.036	ng	# 76
55) Dibenzofuran	14.881	168	469221	50.079	ng	99
56) 4-Nitrophenol	14.699	139	148379	125.409	ng	# 85
57) 2,4-Dinitrotoluene	14.846	165	127904	61.489	ng	# 99
58) Fluorene	15.533	166	384652	52.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	113015	62.706	ng	96
60) Diethylphthalate	15.310	149	422062	53.263	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	190653	52.573	ng	91
62) 4-Nitroaniline	15.551	138	85723	56.282	ng	# 84
63) Azobenzene	15.821	77	418689	49.515	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	78441	72.652	ng	93
66) n-Nitrosodiphenylamine	15.739	169	346290	52.361	ng	99
67) 4-Bromophenyl-phenylether	16.420	248	131008	54.748	ng	91
68) Hexachlorobenzene	16.532	284	141537	52.832	ng	99
69) Atrazine	16.691	200	141539	72.737	ng	97
70) Pentachlorophenol	16.879	266	192704	115.853	ng	99
71) Phenanthrene	17.266	178	646196	51.854	ng	99
72) Anthracene	17.355	178	666325	53.772	ng	98
73) Carbazole	17.625	167	595398	51.463	ng	97
74) Di-n-butylphthalate	18.195	149	732719	53.803	ng	100
75) Fluoranthene	19.276	202	754125	50.196	ng	96
77) Benzidine	19.458	184	205426	65.625	ng	99
78) Pyrene	19.640	202	779241	53.474	ng	99
80) Butylbenzylphthalate	20.533	149	330282	59.461	ng	97
81) Benzo(a)anthracene	21.438	228	796735	55.020	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	130810	27.912	ng	# 96
83) Chrysene	21.503	228	733921	50.816	ng	100
84) Bis(2-ethylhexyl)phtha...	21.367	149	484476	61.863	ng	98
85) Di-n-octyl phthalate	22.507	149	837561	62.004	ng	98
87) Indeno(1,2,3-cd)pyrene	27.860	276	930263	55.965	ng	# 95
88) Benzo(b)fluoranthene	23.518	252	765862	50.994	ng	97
89) Benzo(k)fluoranthene	23.583	252	777187	51.582	ng	98
90) Benzo(a)pyrene	24.329	252	747104	55.856	ng	98
91) Dibenzo(a,h)anthracene	27.924	278	756443	54.892	ng	96
92) Benzo(g,h,i)perylene	28.923	276	738687	52.209	ng	94

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.860 min Scan# 813
 Delta R.T. -0.005 min
 Lab File: BG064177.D
 Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

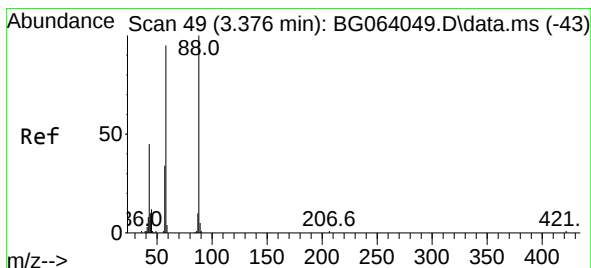
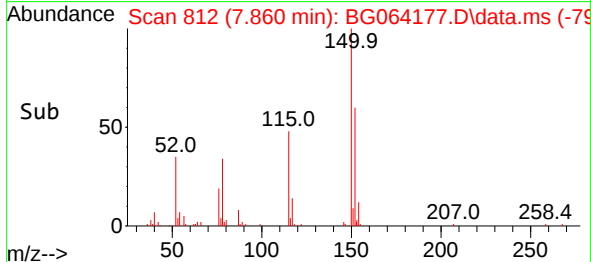
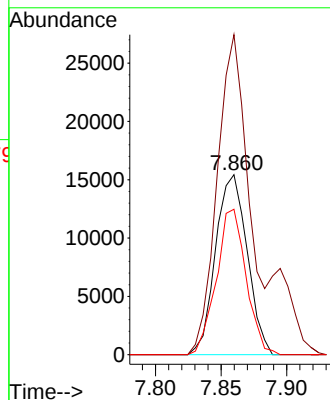
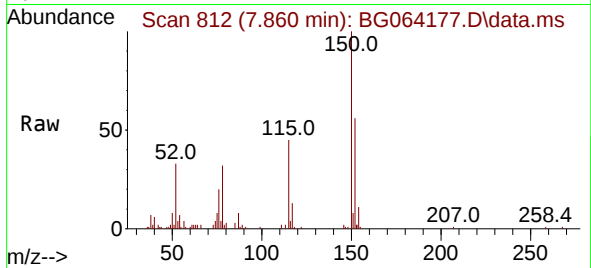
ClientSampleId :

PB167445BS

Tgt Ion:152 Resp: 2582
 Ion Ratio Lower Upper
 152 100
 150 177.7 129.2 193.8
 115 80.8 63.0 94.6

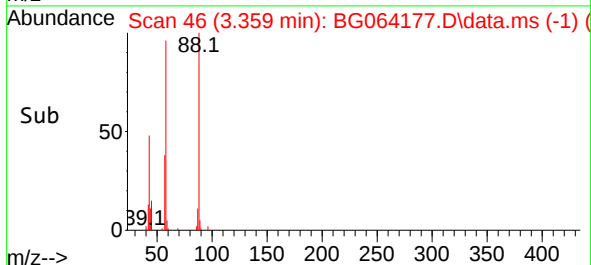
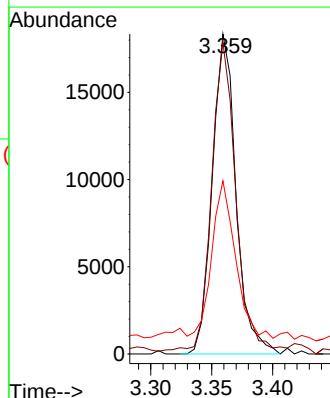
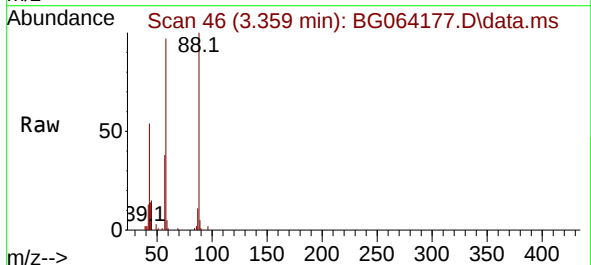
Manual Integrations
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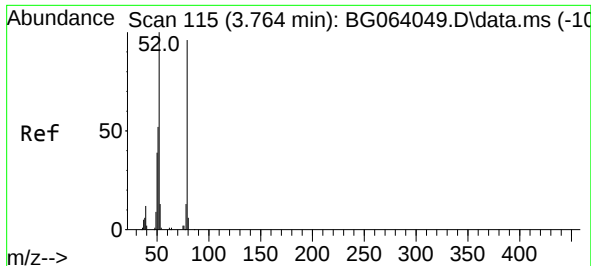
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#2
 1,4-Dioxane
 Concen: 33.105 ng
 RT: 3.359 min Scan# 46
 Delta R.T. -0.017 min
 Lab File: BG064177.D
 Acq: 3 Apr 2025 22:00

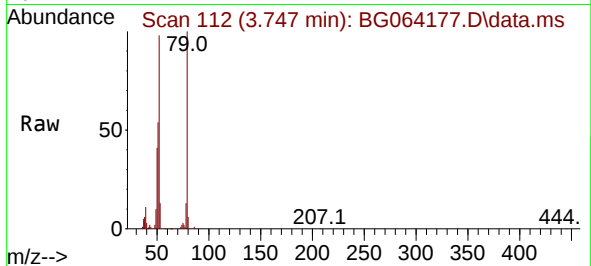
Tgt Ion: 88 Resp: 24810
 Ion Ratio Lower Upper
 88 100
 58 99.2 74.6 111.8
 43 48.9 35.5 53.3





#3
Pyridine
Concen: 39.975 ng
RT: 3.747 min Scan# 115
Delta R.T. -0.017 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

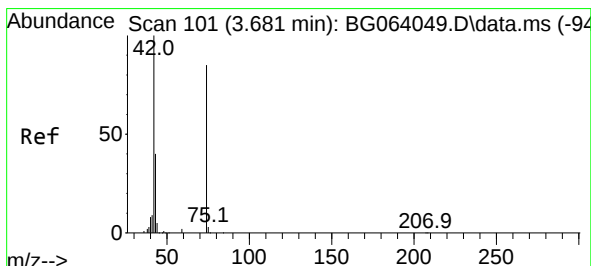
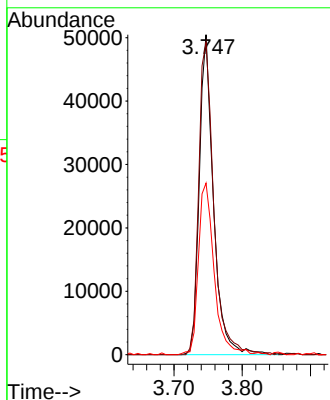
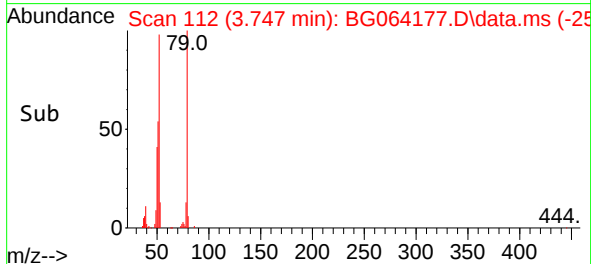
Instrument :
BNA_G
ClientSampleId :
PB167445BS



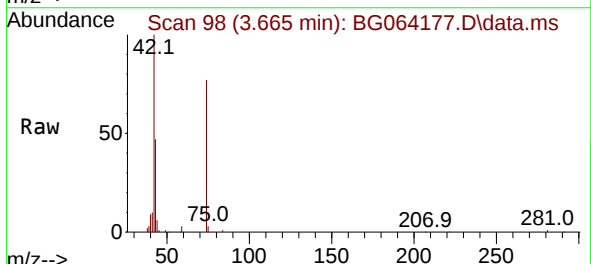
Tgt Ion: 79 Resp: 72860
Ion Ratio Lower Upper
79 100
52 97.6 83.0 124.6
51 53.6 44.3 66.5

Manual Integrations
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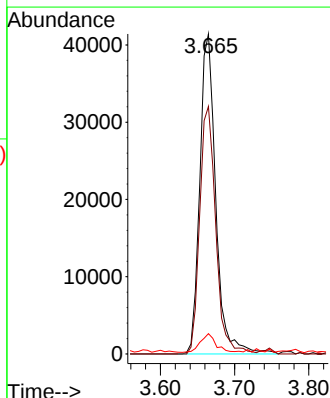
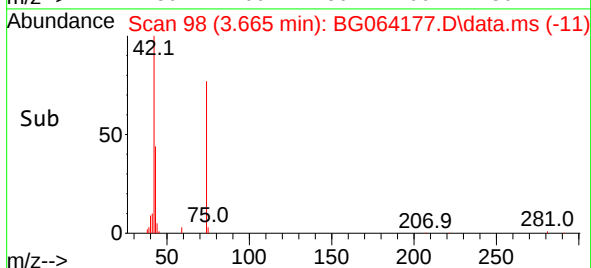
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Supervised By :Jagrut Upadhyay 04/04/2025

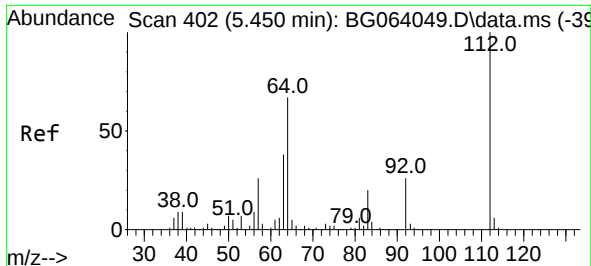


#4
n-Nitrosodimethylamine
Concen: 47.680 ng
RT: 3.665 min Scan# 98
Delta R.T. -0.017 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion: 42 Resp: 62091
Ion Ratio Lower Upper
42 100
74 77.3 68.0 102.0
44 6.3 4.9 7.3





#5
2-Fluorophenol
Concen: 163.612 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

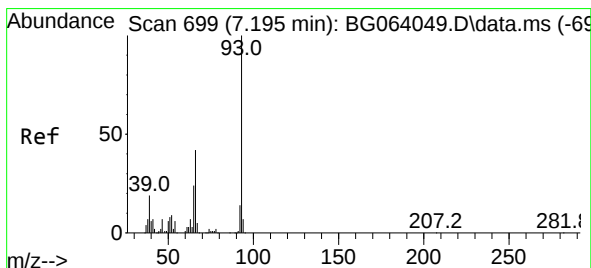
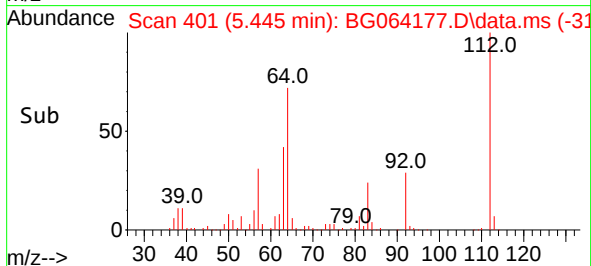
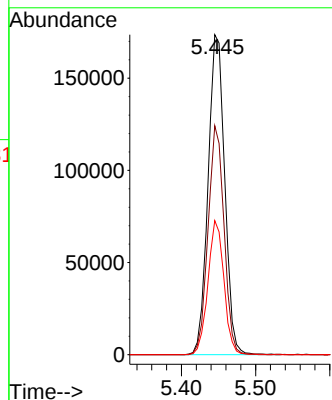
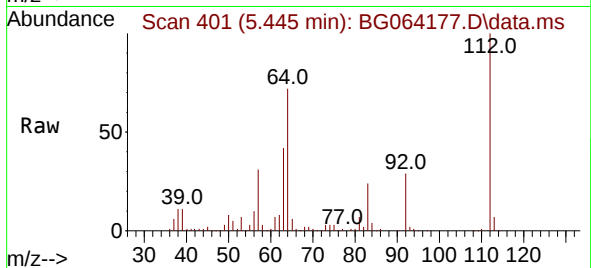
Tgt Ion:112 Resp: 27055
Ion Ratio Lower Upper
112 100
64 71.6 53.7 80.5
63 41.9 30.2 45.4

Manual Integrations

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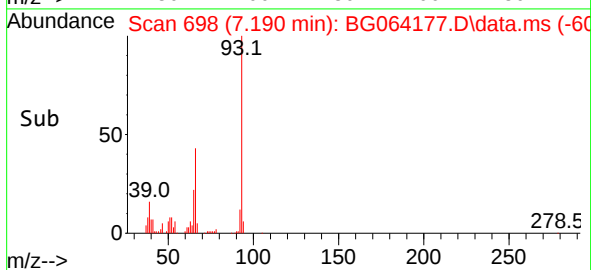
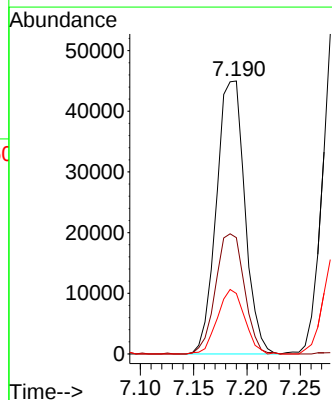
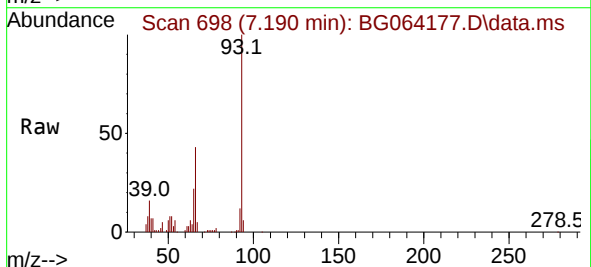
Reviewed By :Rahul Chavli 04/04/2025

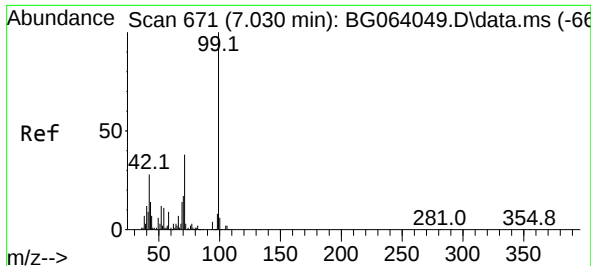
Supervised By :Jagrut Upadhyay 04/04/2025



#6
Aniline
Concen: 37.740 ng
RT: 7.190 min Scan# 698
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

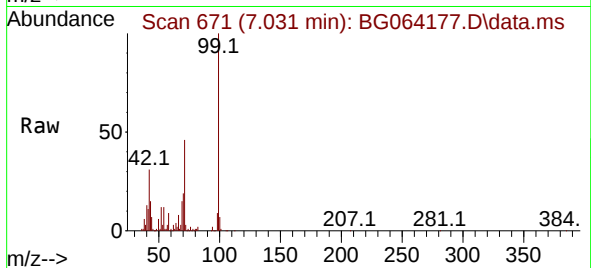
Tgt Ion: 93 Resp: 83309
Ion Ratio Lower Upper
93 100
66 42.6 33.7 50.5
65 22.1 19.1 28.7





#7
Phenol-d6
Concen: 161.871 ng
RT: 7.031 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

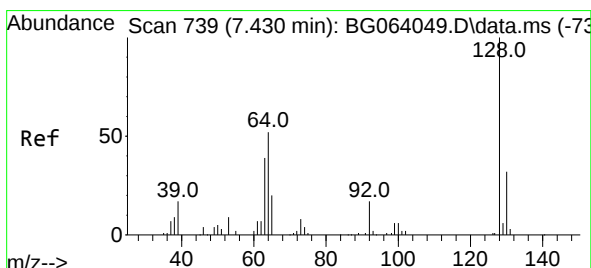
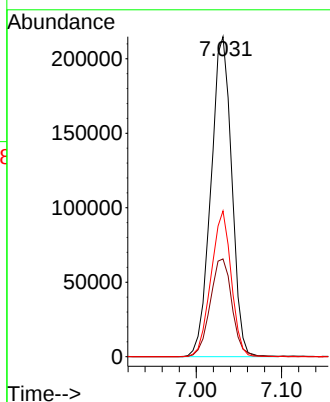
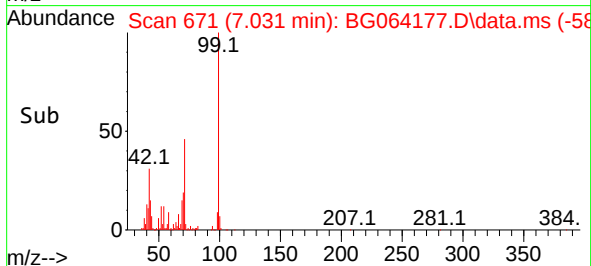
Instrument :
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Tgt Ion: 99 Resp: 364149
Ion Ratio Lower Upper
99 100
42 30.5 22.7 34.1
71 45.6 30.6 46.0

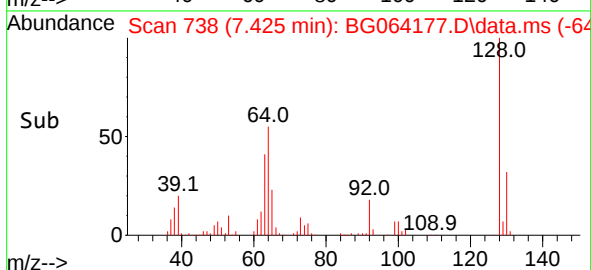
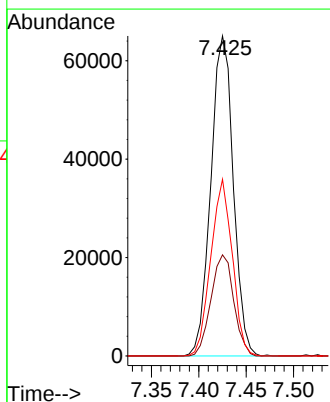
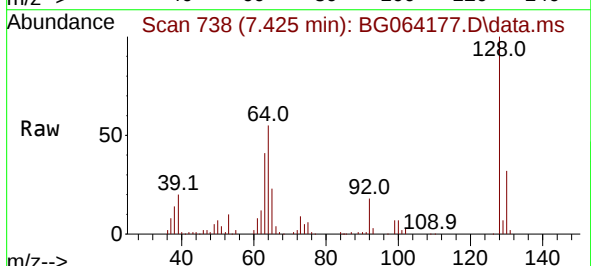
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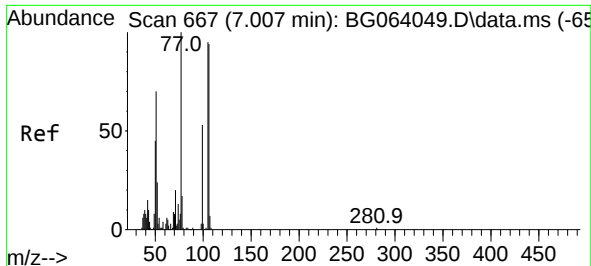
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Supervised By :Jagrut Upadhyay 04/04/2025



#8
2-Chlorophenol
Concen: 60.375 ng
RT: 7.425 min Scan# 738
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:128 Resp: 107229
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 55.2 37.0 77.0





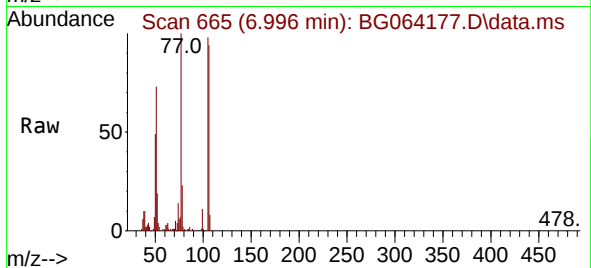
#9
Benzaldehyde
Concen: 44.671 ng
RT: 6.996 min Scan# 665
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

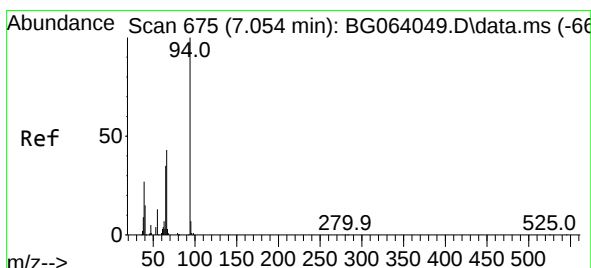
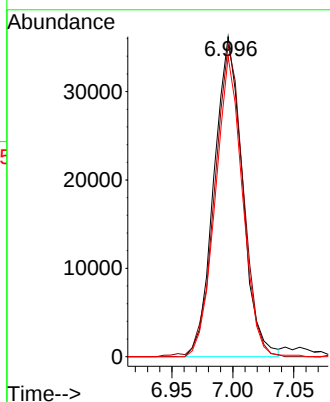
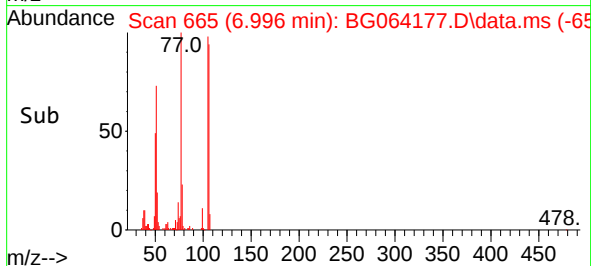
PB167445BS



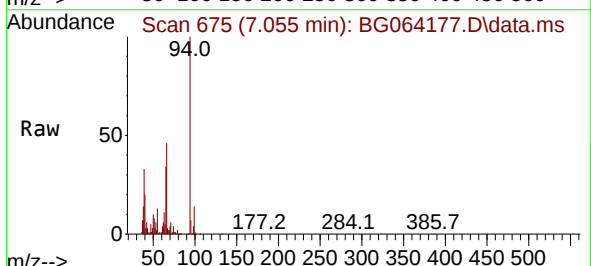
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Ion Ratio Lower Upper
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105 97.5 75.5 115.5
106 93.7 74.2 114.2

Manual Integrations
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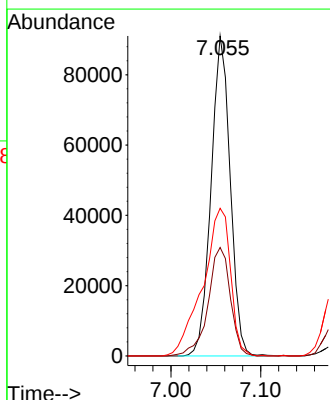
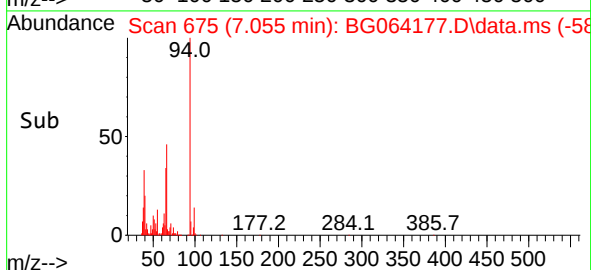
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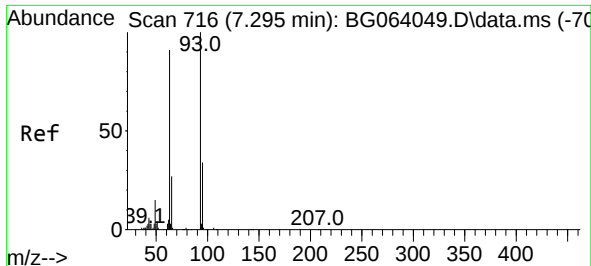


#10
Phenol
Concen: 58.502 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



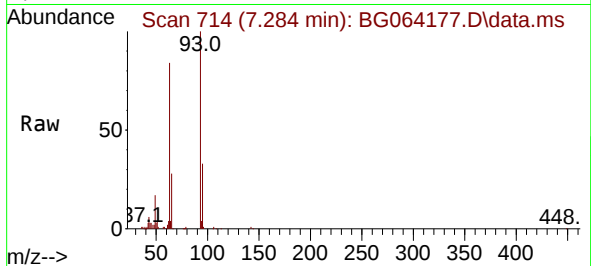
Tgt Ion: 94 Resp: 134744
Ion Ratio Lower Upper
94 100
65 33.9 15.2 55.2
66 46.2 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 49.204 ng
RT: 7.284 min Scan# 716
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

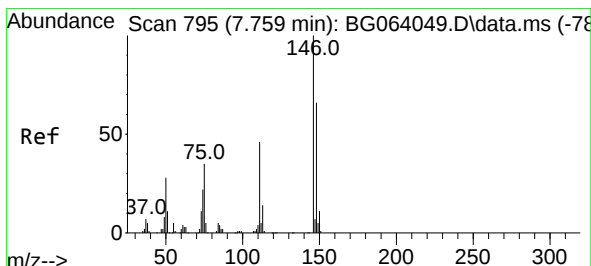
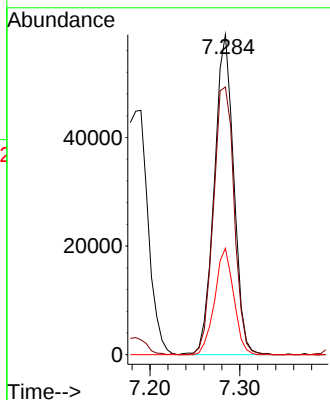
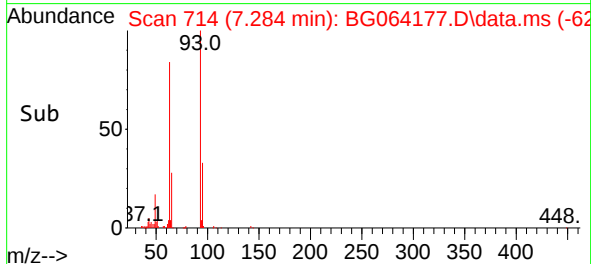
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion: 93 Resp: 88849
Ion Ratio Lower Upper
93 100
63 83.7 70.0 110.0
95 33.3 13.7 53.7

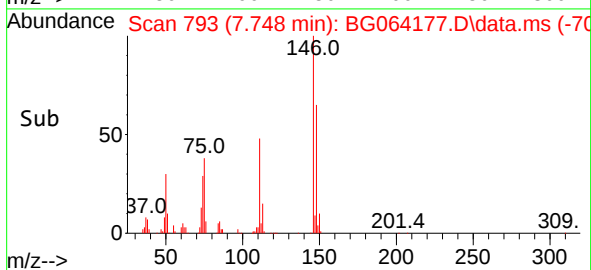
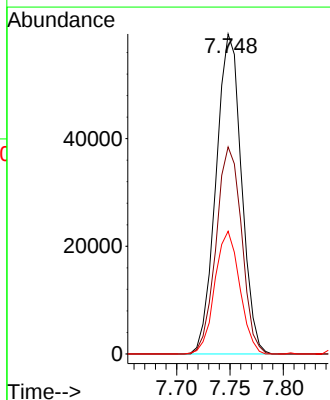
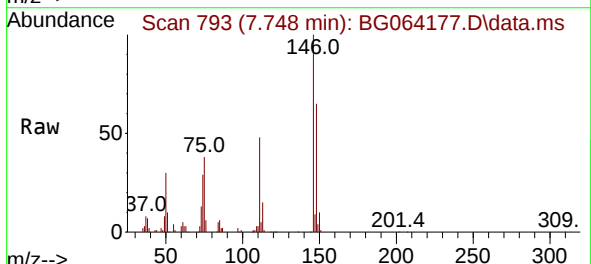
Manual Integrations
APPROVED

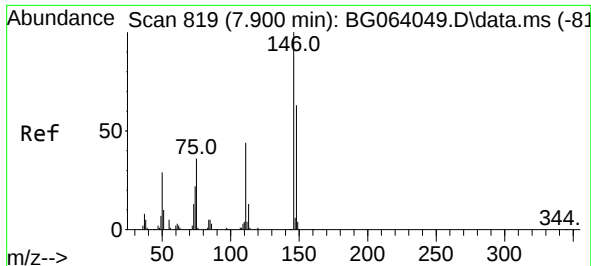
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#12
1,3-Dichlorobenzene
Concen: 50.564 ng
RT: 7.748 min Scan# 793
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:146 Resp: 98616
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 38.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 51.366 ng

RT: 7.895 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064177.D

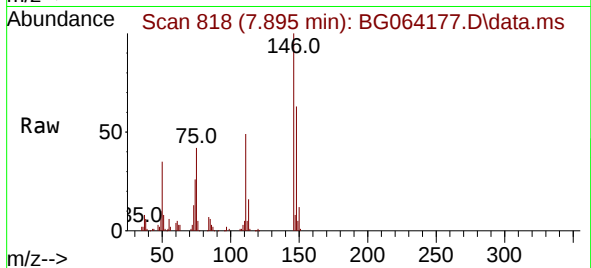
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



Tgt Ion:146 Resp: 102684

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

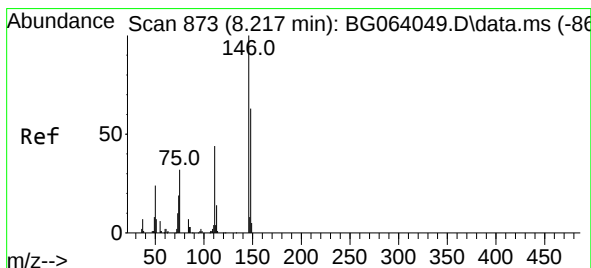
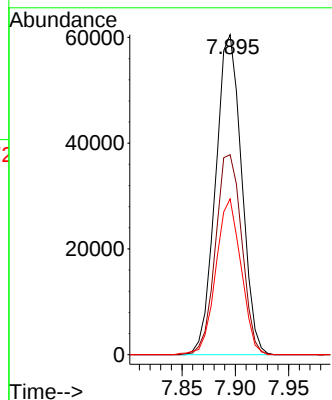
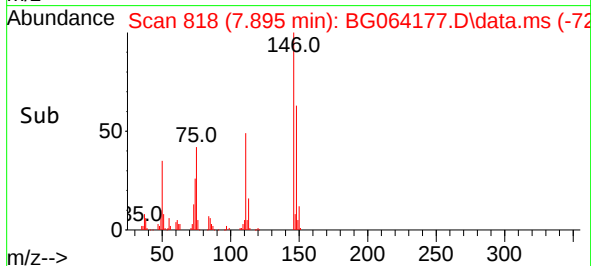
111 48.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#14

1,2-Dichlorobenzene

Concen: 52.315 ng

RT: 8.212 min Scan# 872

Delta R.T. -0.005 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

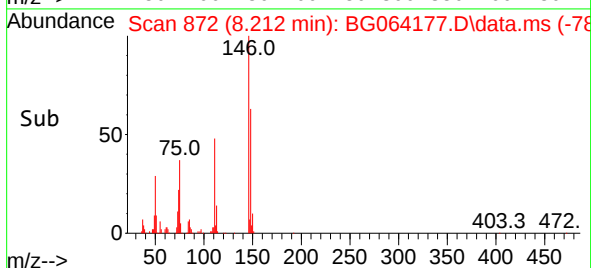
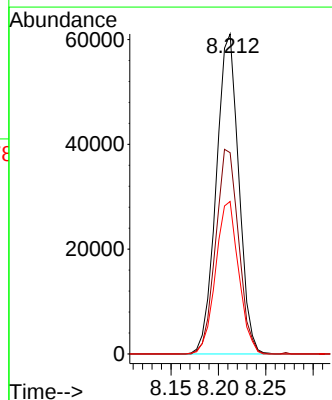
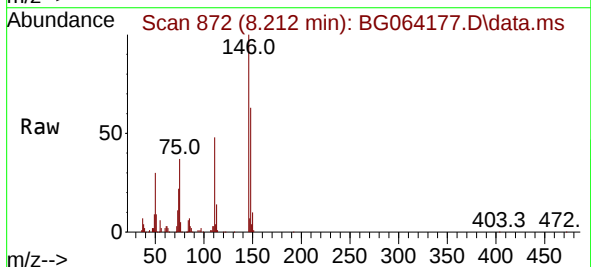
Tgt Ion:146 Resp: 100845

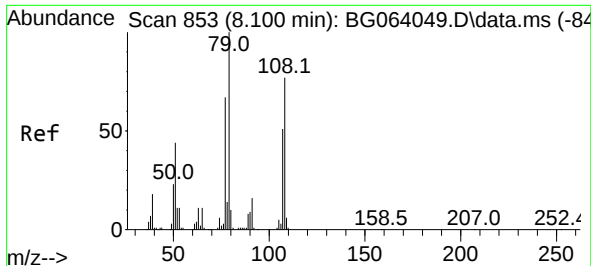
Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

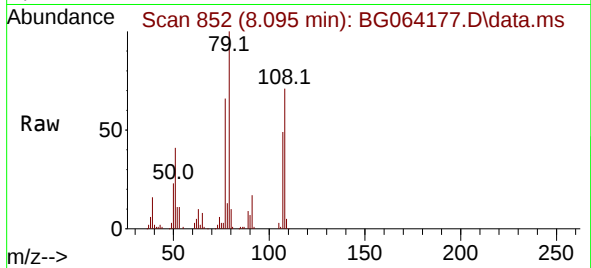
111 47.6 36.4 54.6





#15
Benzyl Alcohol
Concen: 60.579 ng
RT: 8.095 min Scan# 853
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

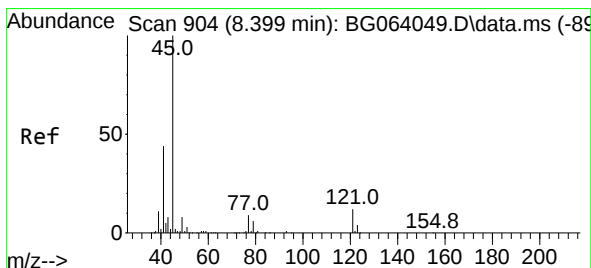
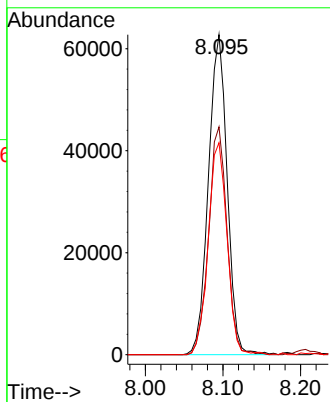
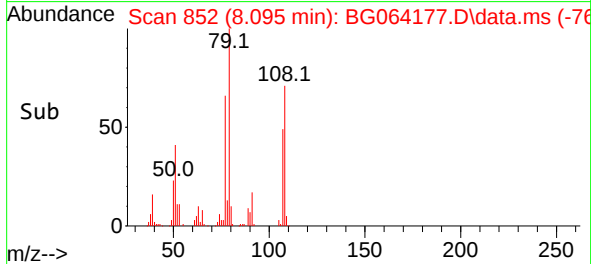
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion: 79 Resp: 10531
Ion Ratio Lower Upper
79 100
108 71.2 61.7 92.5
77 66.3 53.9 80.9

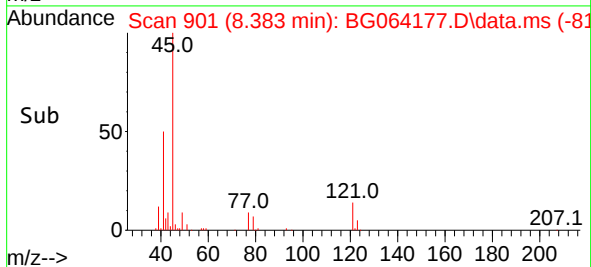
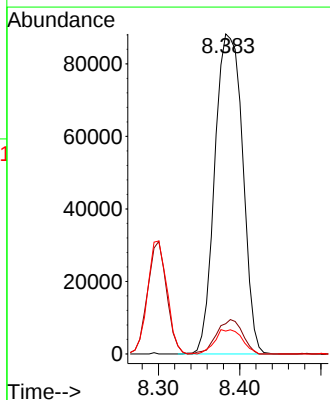
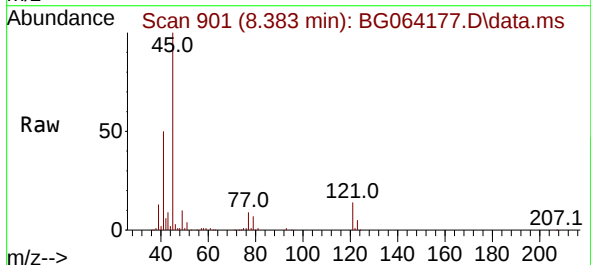
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.647 ng
RT: 8.383 min Scan# 901
Delta R.T. -0.017 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion: 45 Resp: 209700
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 7.2 0.0 26.6





#17
2-Methylphenol
Concen: 62.180 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

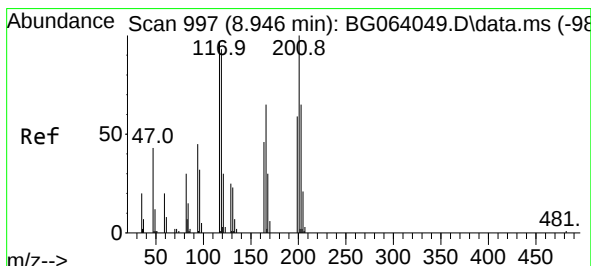
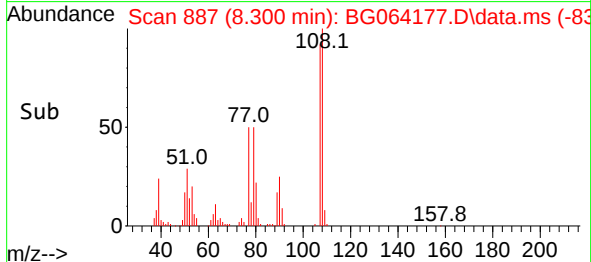
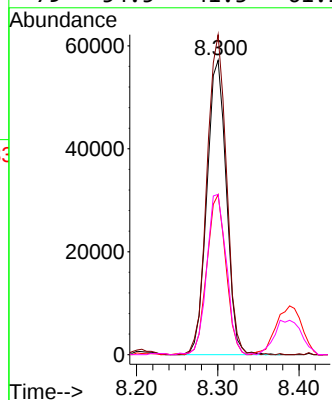
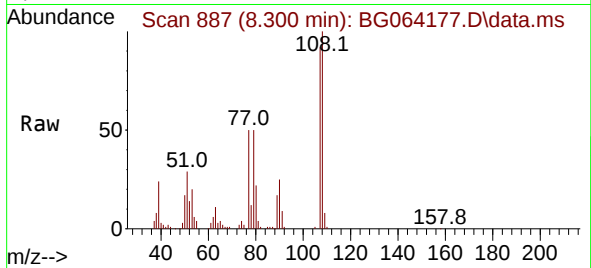
PB167445BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.7	92.5	138.7
77	54.3	40.5	60.7
79	54.5	41.3	61.9

Manual Integrations

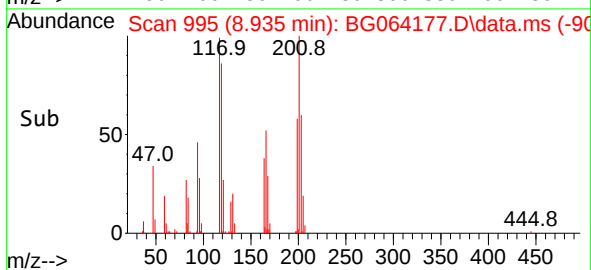
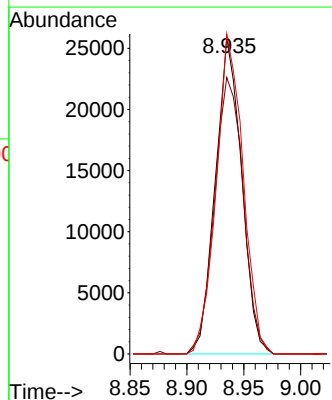
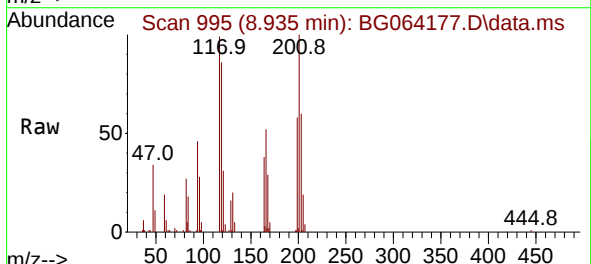
APPROVED

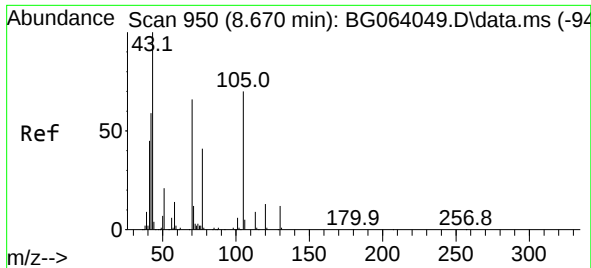
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 59.279 ng
RT: 8.935 min Scan# 995
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.5	76.2	114.2
201	101.2	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 55.625 ng
RT: 8.659 min Scan# 948
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

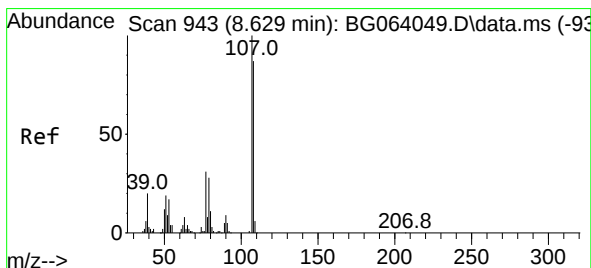
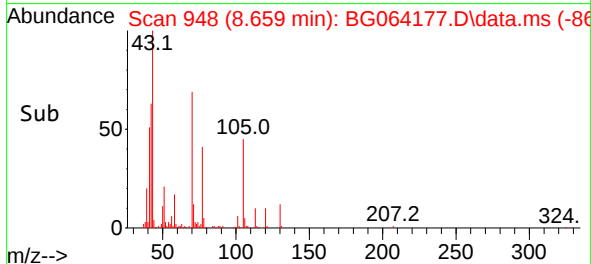
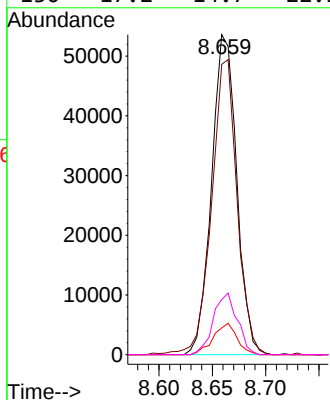
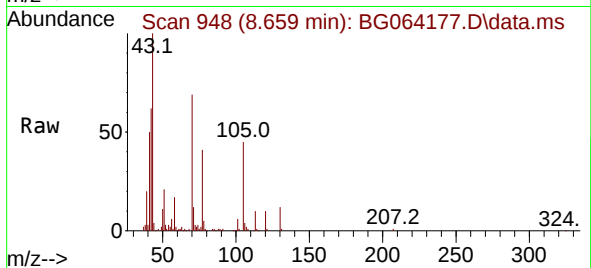
ClientSampleId :

PB167445BS

Tgt Ion: 70 Resp: 87820
Ion Ratio Lower Upper
70 100
42 90.7 72.1 108.1
101 8.3 7.2 10.8
130 17.2 14.7 22.1

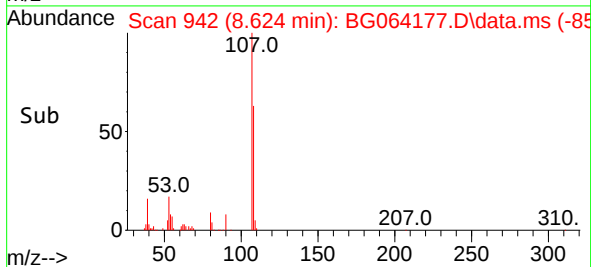
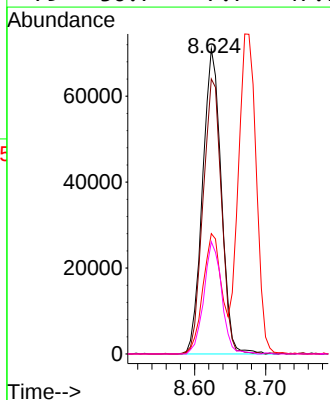
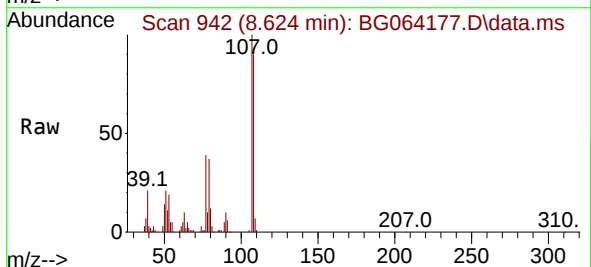
Manual Integrations
APPROVED

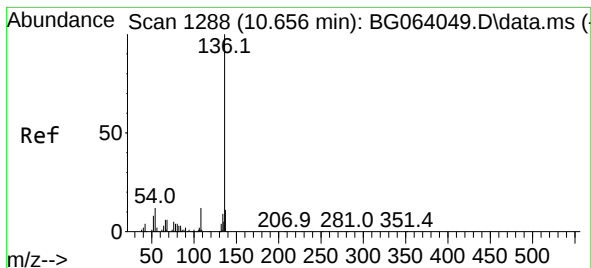
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#20
3+4-Methylphenols
Concen: 61.668 ng
RT: 8.624 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:107 Resp: 129780
Ion Ratio Lower Upper
107 100
108 90.1 67.0 107.0
77 39.5 11.2 51.2
79 36.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

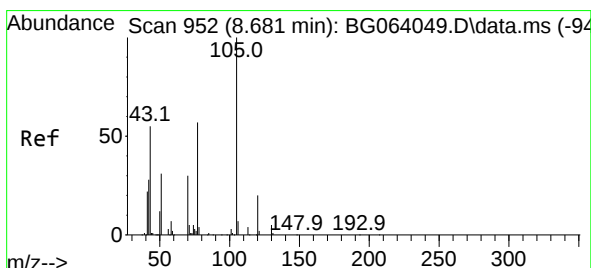
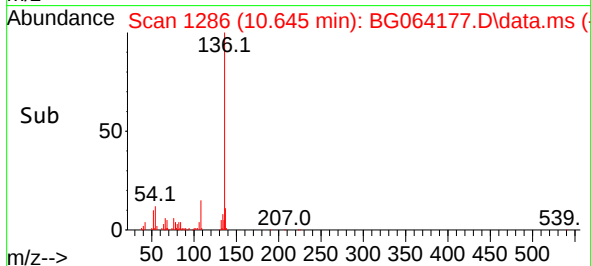
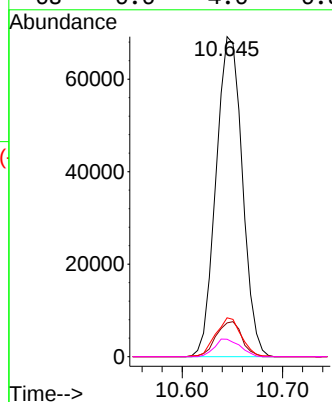
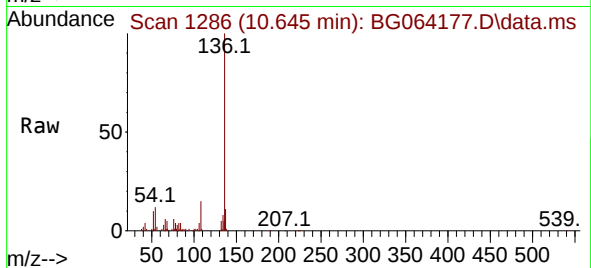
PB167445BS

Tgt Ion:136 Resp: 12593
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 12.2 9.9 14.9
68 6.6 4.6 6.8

Manual Integrations

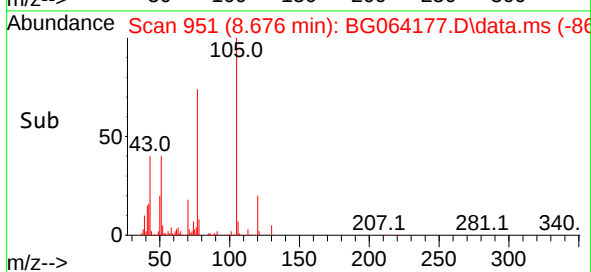
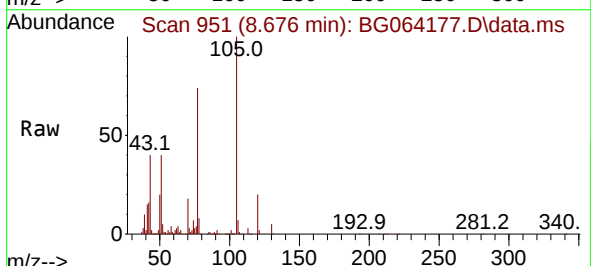
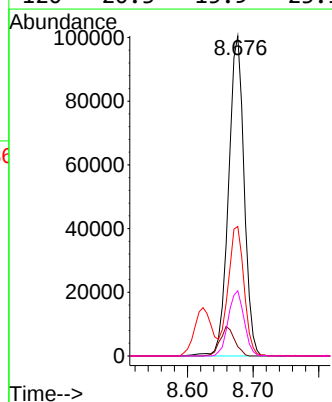
APPROVED

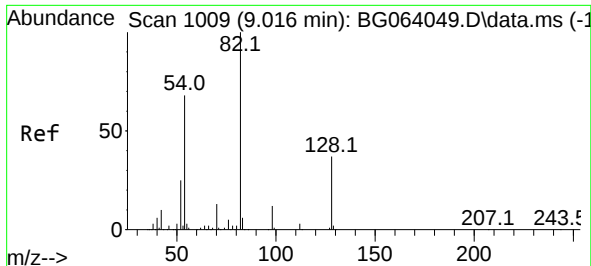
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Acetophenone
Concen: 47.905 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:105 Resp: 165412
Ion Ratio Lower Upper
105 100
71 2.9 4.2 6.4#
51 40.4 33.3 49.9
120 20.3 15.9 23.9





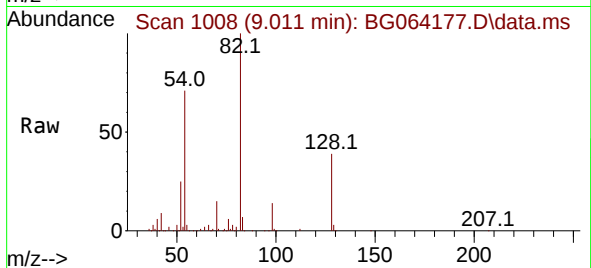
#23
Nitrobenzene-d5
Concen: 112.267 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



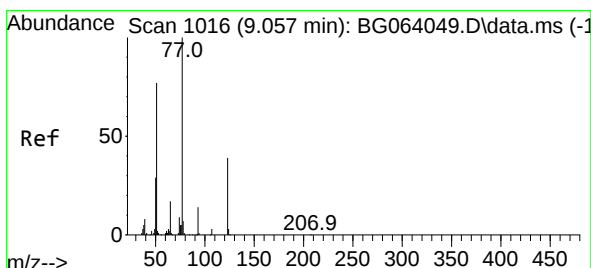
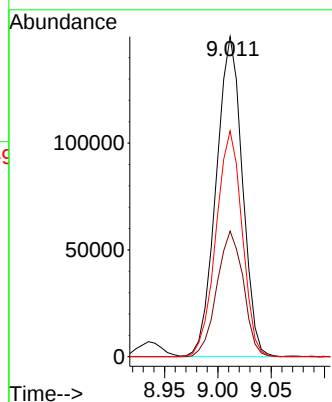
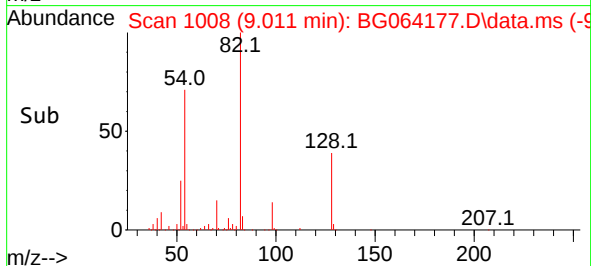
Tgt Ion: 82 Resp: 25584
Ion Ratio Lower Upper
82 100
128 39.3 30.0 45.0
54 70.6 54.7 82.1

Manual Integrations

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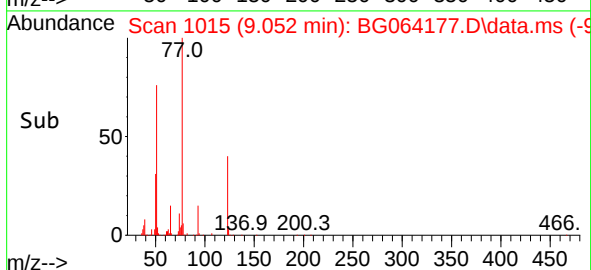
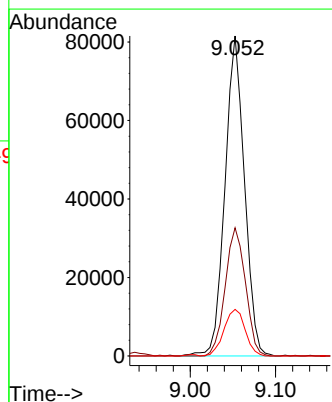
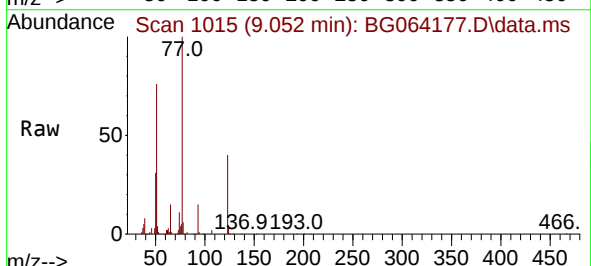
Reviewed By :Rahul Chavli 04/04/2025

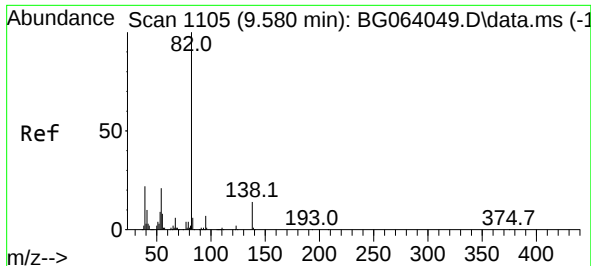
Supervised By :Jagrut Upadhyay 04/04/2025



#24
Nitrobenzene
Concen: 54.964 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

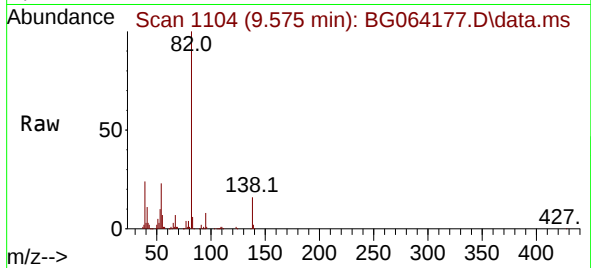
Tgt Ion: 77 Resp: 129449
Ion Ratio Lower Upper
77 100
123 40.1 31.4 47.2
65 14.5 13.4 20.0





#25
Isophorone
Concen: 53.349 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

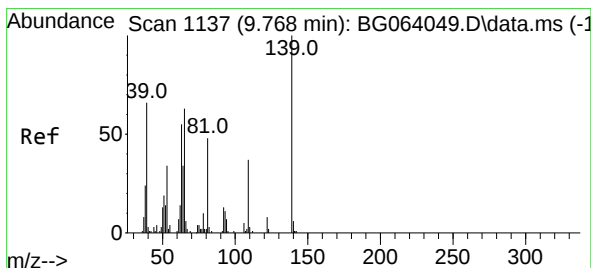
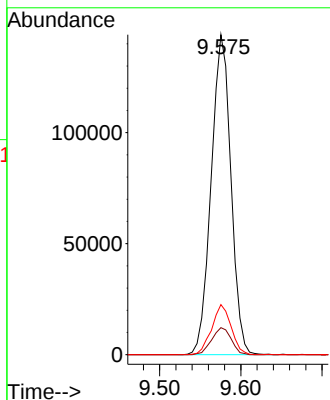
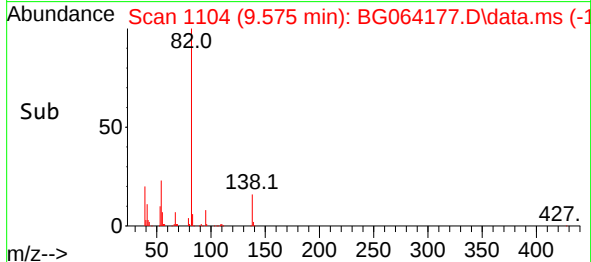
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion: 82 Resp: 24334
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 15.7 10.9 16.3

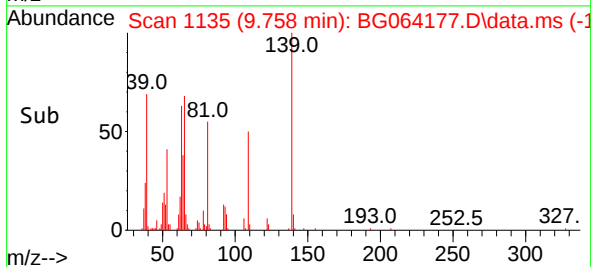
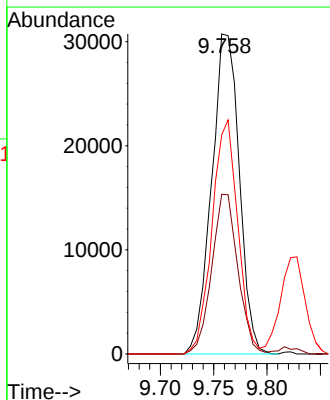
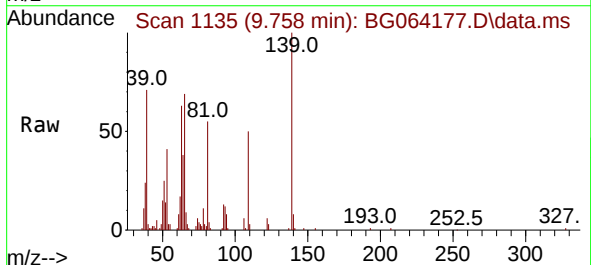
Manual Integrations
APPROVED

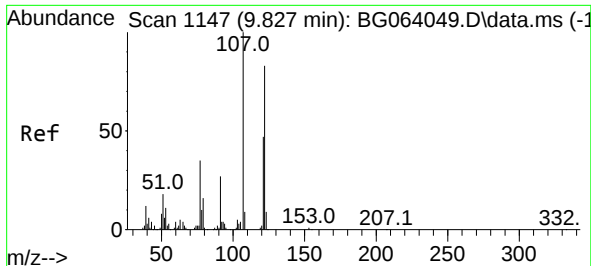
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#26
2-Nitrophenol
Concen: 63.311 ng
RT: 9.758 min Scan# 1135
Delta R.T. -0.010 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:139 Resp: 55286
Ion Ratio Lower Upper
139 100
109 49.9 29.9 44.9#
65 68.5 50.6 76.0





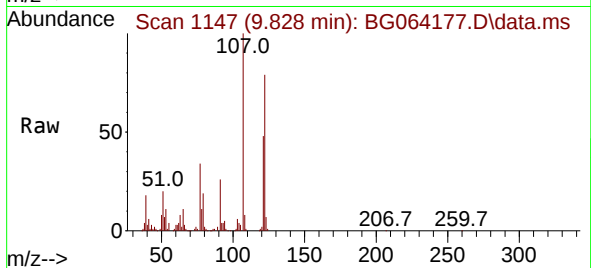
#27
2,4-Dimethylphenol
Concen: 82.123 ng
RT: 9.828 min Scan# 1147
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



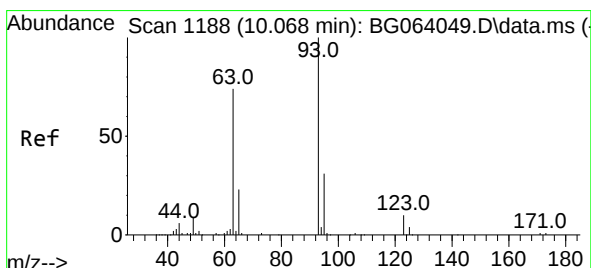
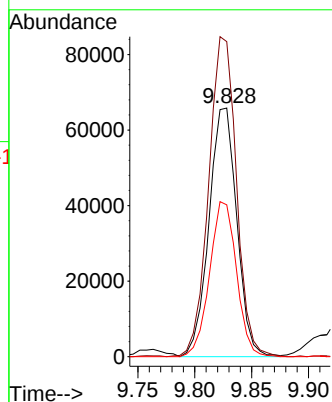
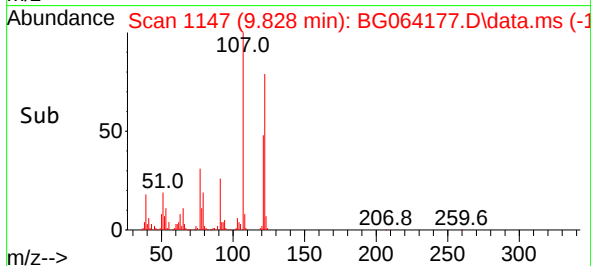
Tgt Ion:122 Resp: 11229
Ion Ratio Lower Upper
122 100
107 126.8 95.4 143.0
121 61.1 44.9 67.3

Manual Integrations

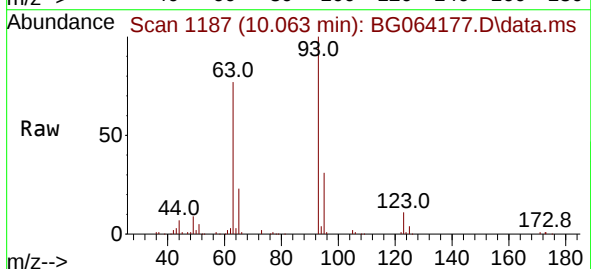
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

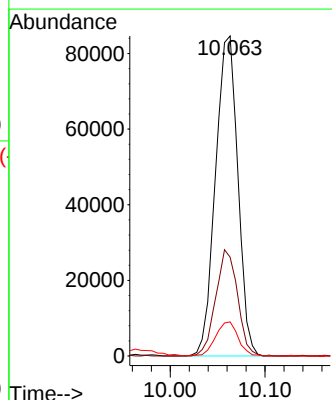
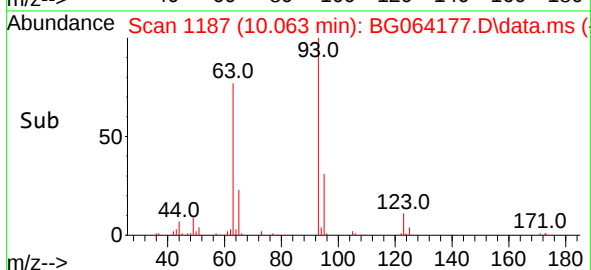
Supervised By :Jagrut Upadhyay 04/04/2025

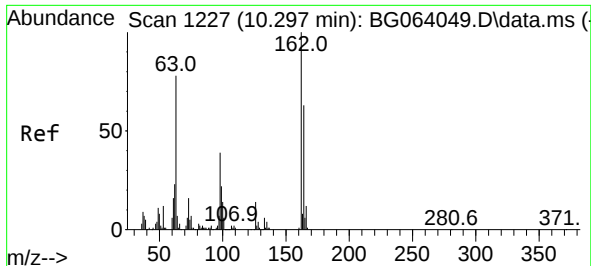


#28
bis(2-Chloroethoxy)methane
Concen: 50.190 ng
RT: 10.063 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion: 93 Resp: 138796
Ion Ratio Lower Upper
93 100
95 30.9 25.0 37.4
123 10.6 7.6 11.4





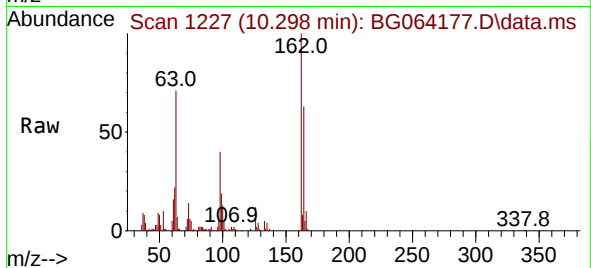
#29
2,4-Dichlorophenol
Concen: 62.205 ng
RT: 10.298 min Scan# 1227
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



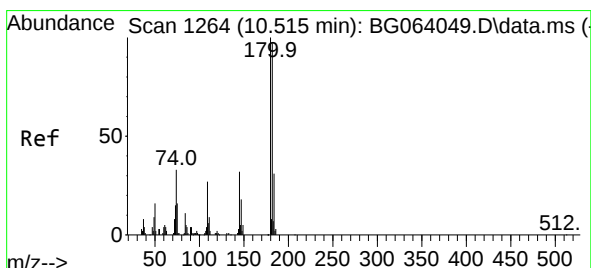
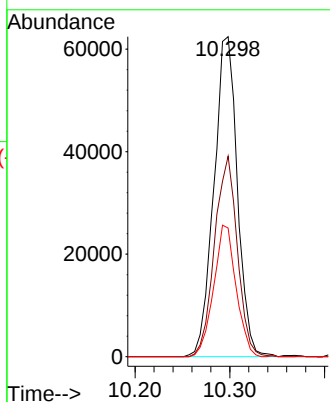
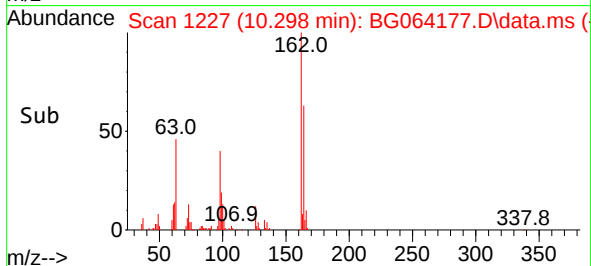
Tgt Ion:162 Resp: 10740
Ion Ratio Lower Upper
162 100
164 62.7 42.8 82.8
98 40.2 19.1 59.1

Manual Integrations

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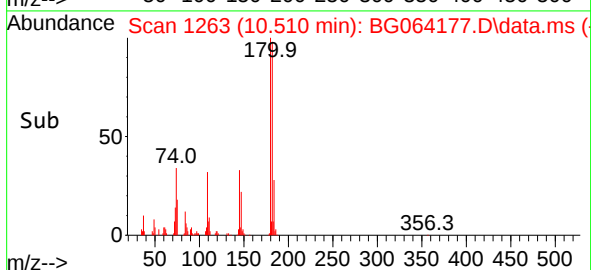
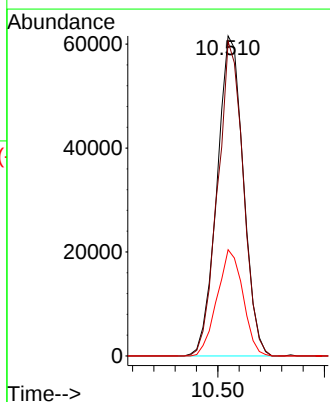
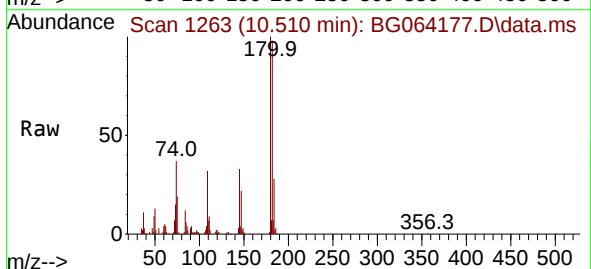
Reviewed By :Rahul Chavli 04/04/2025

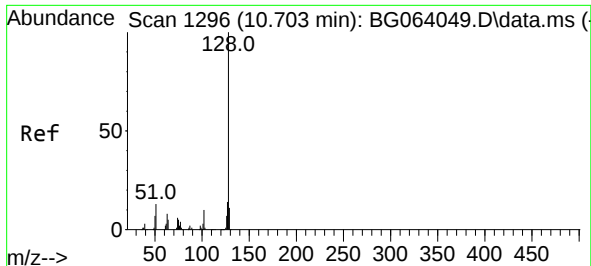
Supervised By :Jagrut Upadhyay 04/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 50.575 ng
RT: 10.510 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

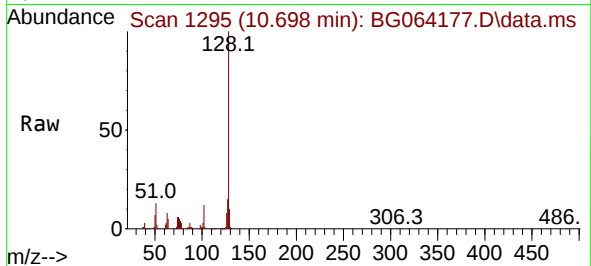
Tgt Ion:180 Resp: 105417
Ion Ratio Lower Upper
180 100
182 98.2 77.3 115.9
145 33.2 25.2 37.8





#31
Naphthalene
Concen: 49.540 ng
RT: 10.698 min Scan# 1295
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

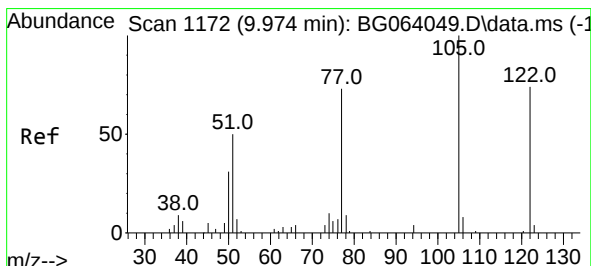
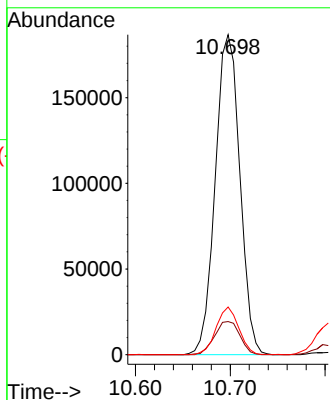
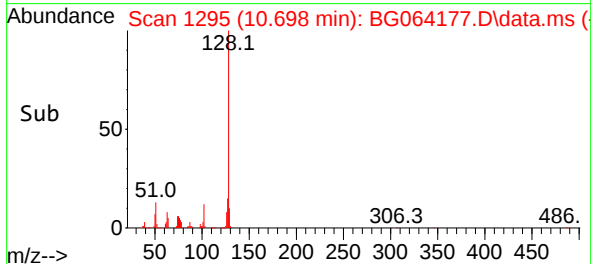
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion:128 Resp: 336418
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 14.9 11.1 16.7

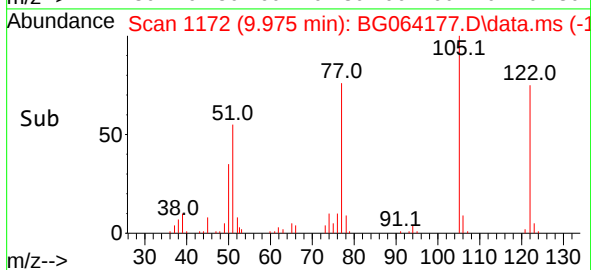
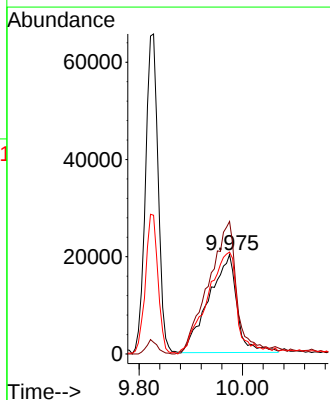
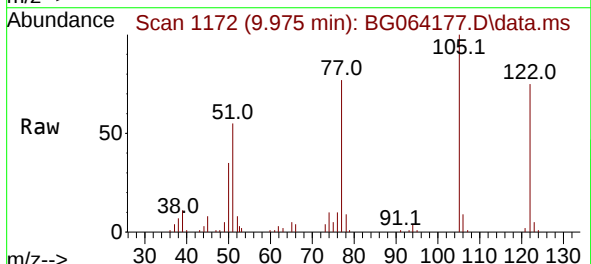
Manual Integrations
APPROVED

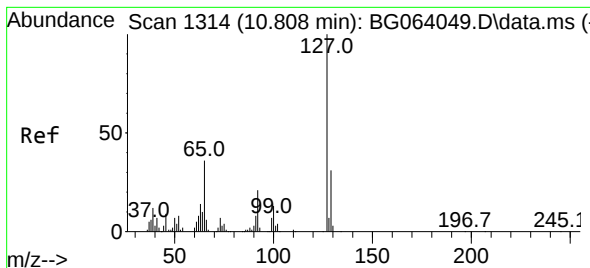
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#32
Benzoic acid
Concen: 58.351 ng
RT: 9.975 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:122 Resp: 76144
Ion Ratio Lower Upper
122 100
105 133.5 115.0 155.0
77 102.7 80.9 120.9





#33
4-Chloroaniline
Concen: 13.678 ng
RT: 10.803 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

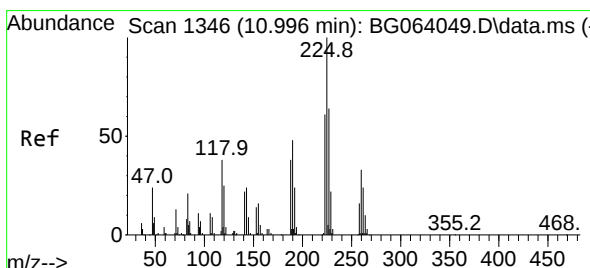
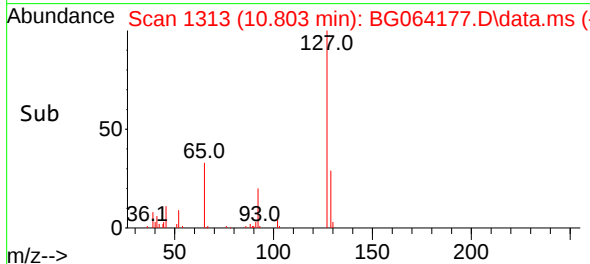
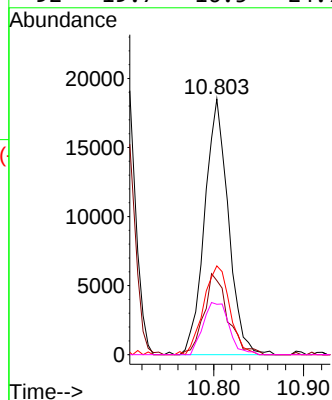
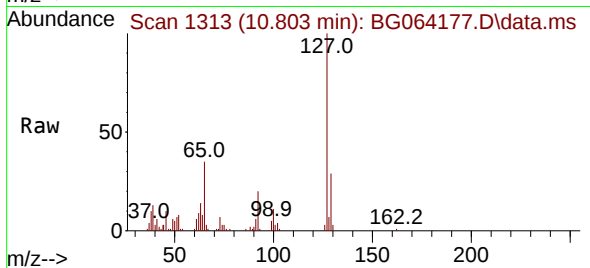
Tgt Ion:127 Resp: 33950
Ion Ratio Lower Upper
127 100
129 29.0 25.0 37.4
65 34.8 28.5 42.7
92 19.7 16.5 24.7

Manual Integrations

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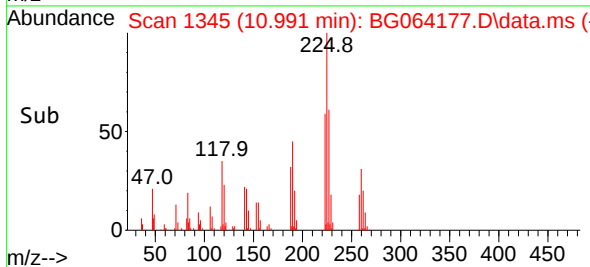
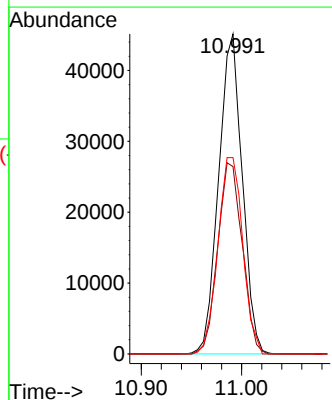
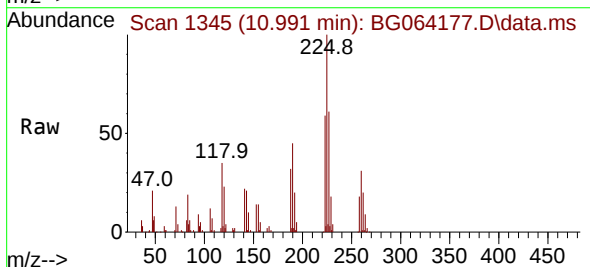
Reviewed By :Rahul Chavli 04/04/2025

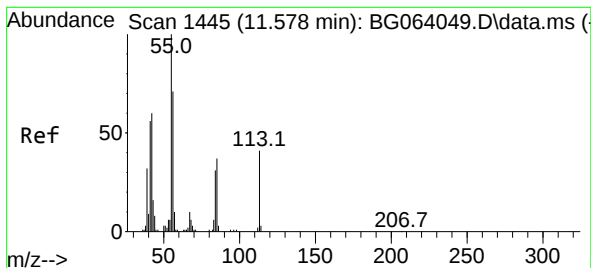
Supervised By :Jagrut Upadhyay 04/04/2025



#34
Hexachlorobutadiene
Concen: 53.884 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

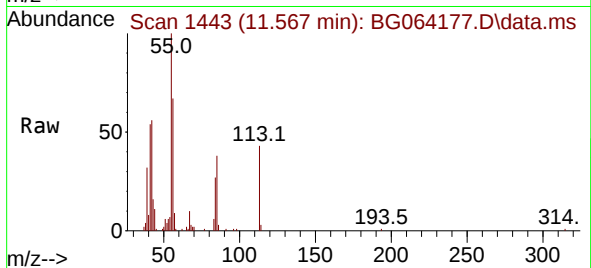
Tgt Ion:225 Resp: 73618
Ion Ratio Lower Upper
225 100
223 58.5 48.5 72.7
227 61.4 51.0 76.6





#35
Caprolactam
Concen: 61.277 ng m
RT: 11.567 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

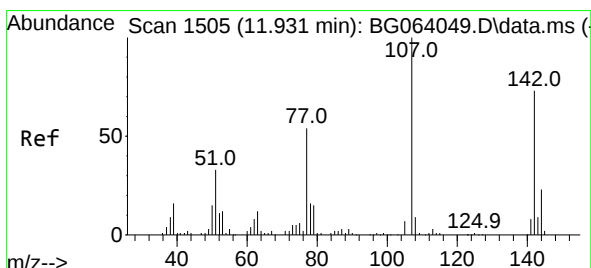
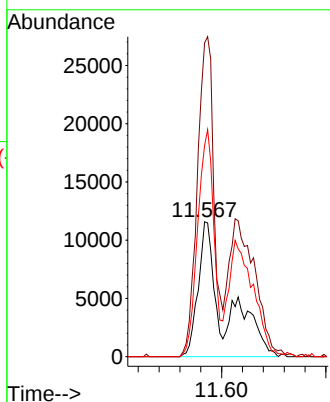
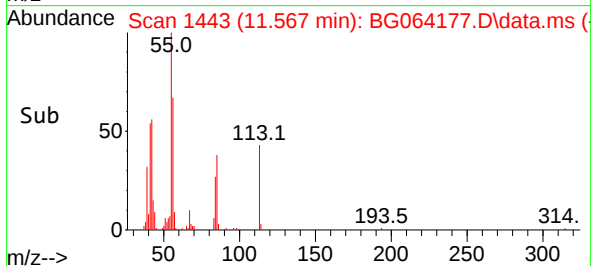
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion:113 Resp: 40540
Ion Ratio Lower Upper
113 100
55 232.7 225.2 265.2
56 156.6 153.4 193.4

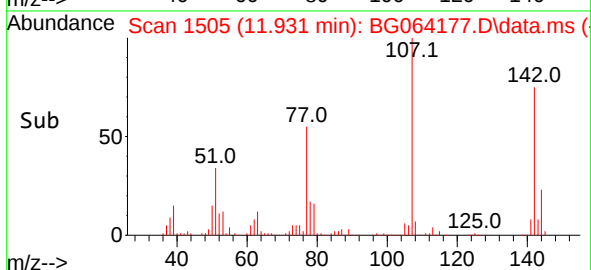
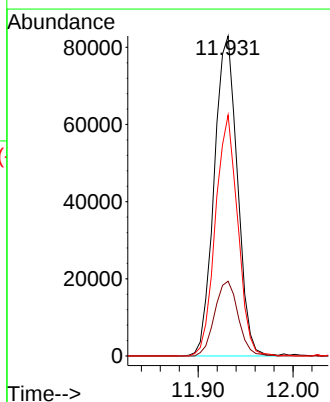
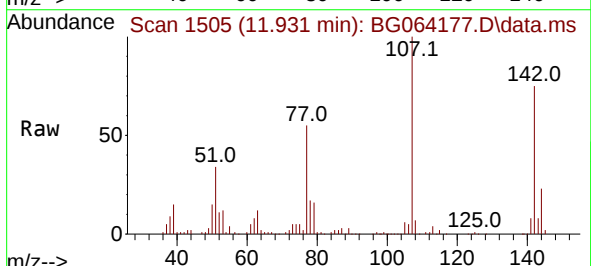
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#36
4-Chloro-3-methylphenol
Concen: 62.334 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

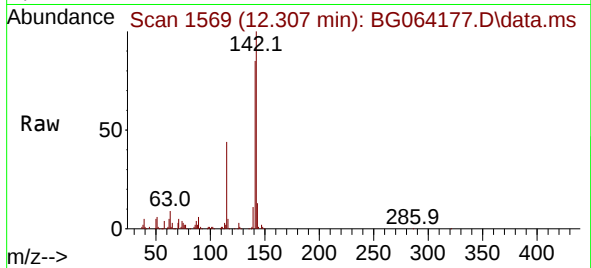
Tgt Ion:107 Resp: 141081
Ion Ratio Lower Upper
107 100
144 23.3 18.6 28.0
142 75.3 58.0 87.0





#37
2-Methylnaphthalene
Concen: 48.304 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

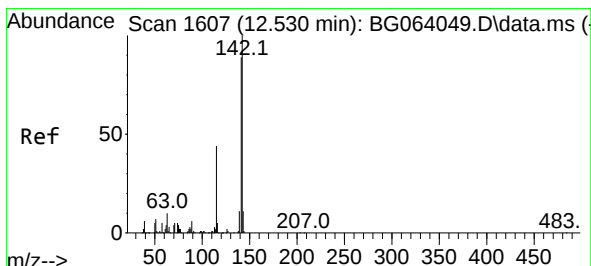
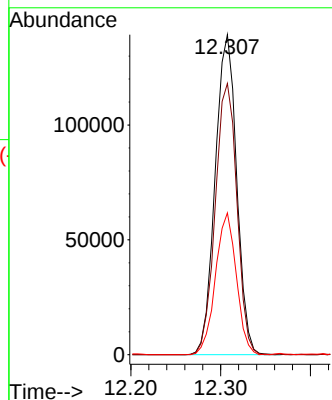
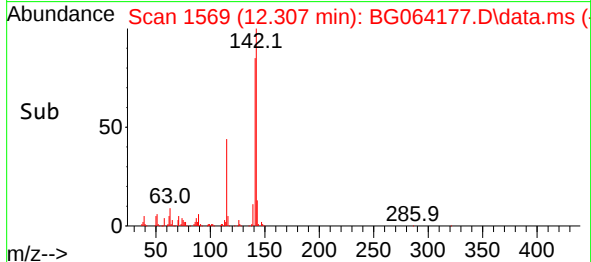
Instrument :
BNA_G
ClientSampleId :
PB167445BS



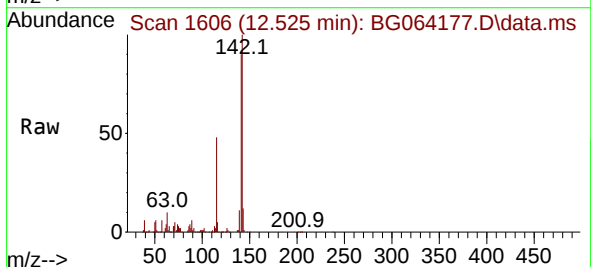
Tgt Ion:142 Resp: 231570
Ion Ratio Lower Upper
142 100
141 84.7 68.6 103.0
115 44.3 32.8 49.2

Manual Integrations
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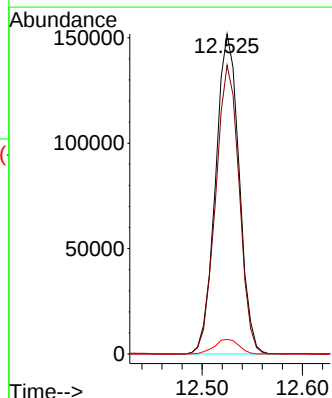
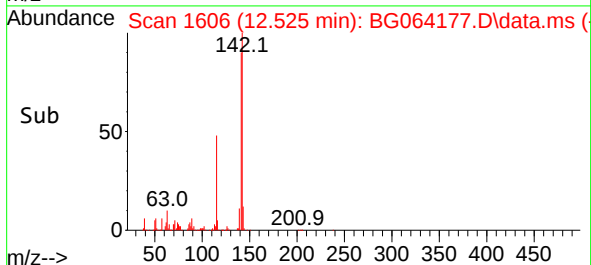
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

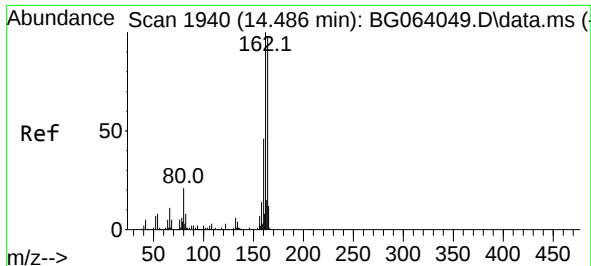


#38
1-Methylnaphthalene
Concen: 52.629 ng
RT: 12.525 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:142 Resp: 247189
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
116 4.5 3.6 5.4





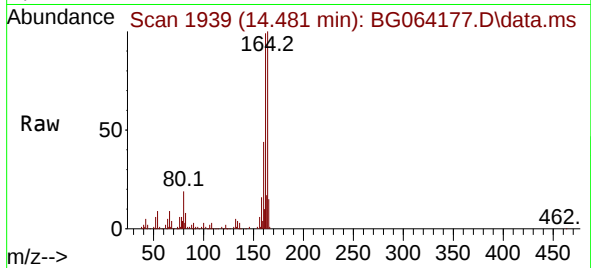
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

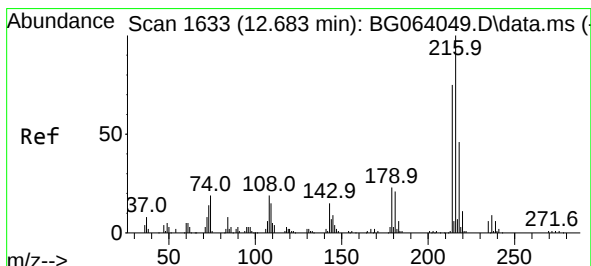
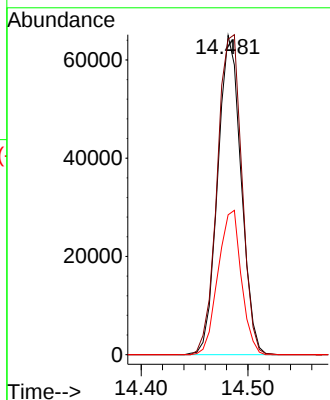
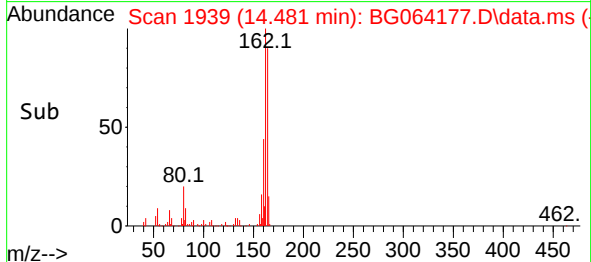


Tgt Ion:164 Resp: 9888
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 43.8 37.0 55.6

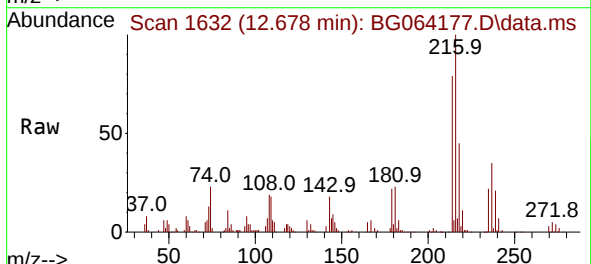
Manual Integrations

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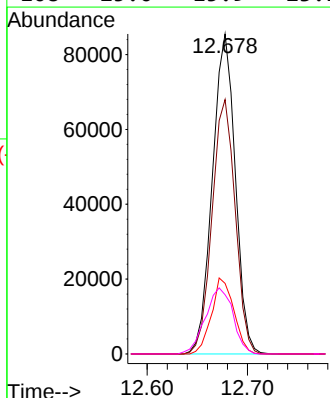
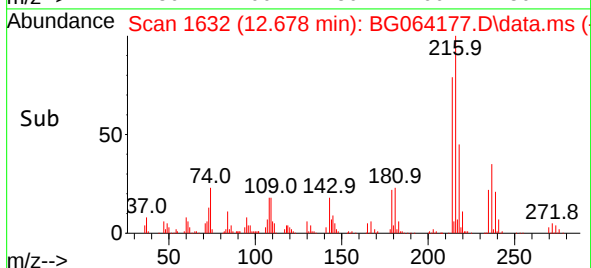
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

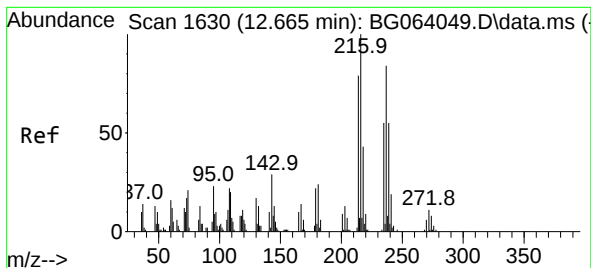


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.982 ng
RT: 12.678 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



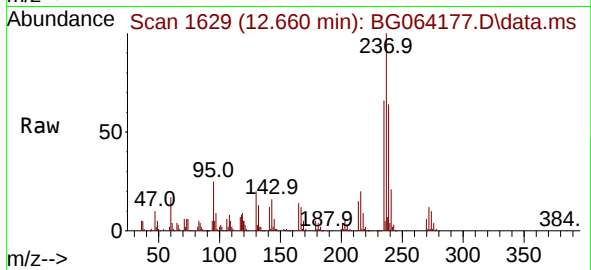
Tgt Ion:216 Resp: 135454
Ion Ratio Lower Upper
216 100
214 80.1 61.7 92.5
179 23.2 17.9 26.9
108 25.0 15.9 23.9#





#41
Hexachlorocyclopentadiene
Concen: 257.197 ng
RT: 12.660 min Scan# 1629
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

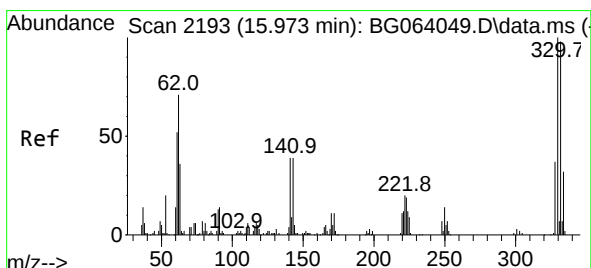
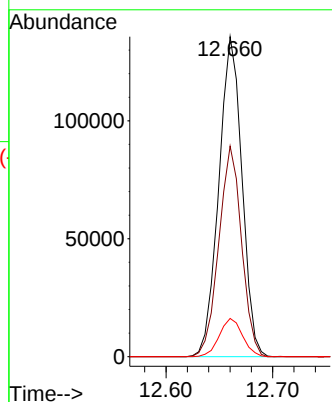
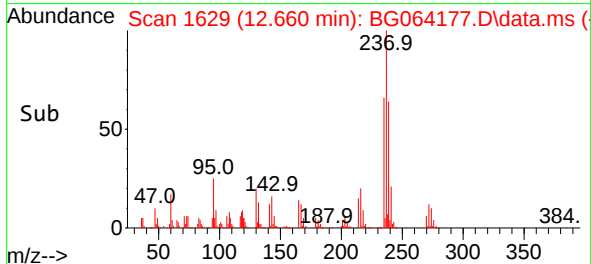
Instrument :
BNA_G
ClientSampleId :
PB167445BS



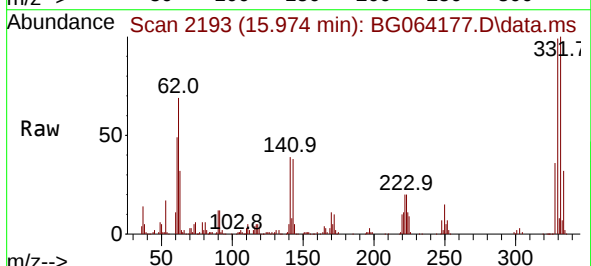
Tgt Ion:237 Resp: 204350
Ion Ratio Lower Upper
237 100
235 65.8 46.0 86.0
272 11.9 0.0 32.8

Manual Integrations
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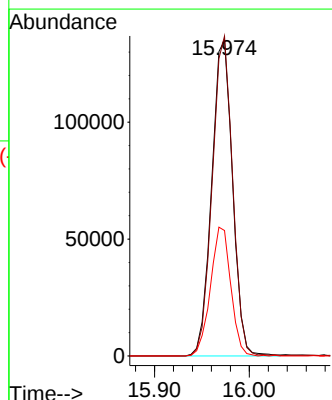
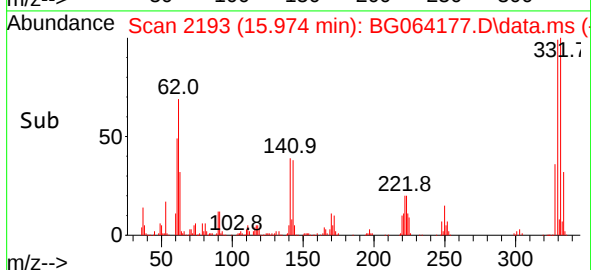
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

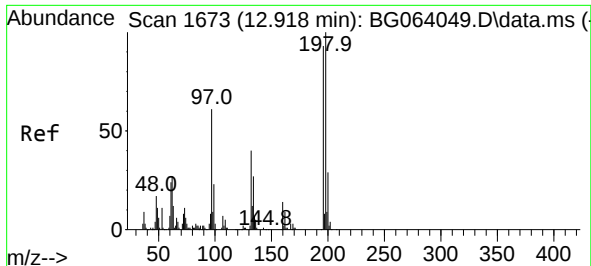


#42
2,4,6-Tribromophenol
Concen: 188.165 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



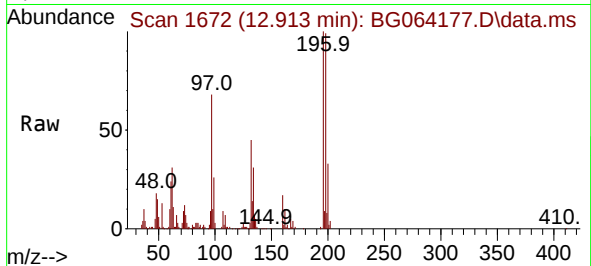
Tgt Ion:330 Resp: 206822
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 39.8 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 58.492 ng
RT: 12.913 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

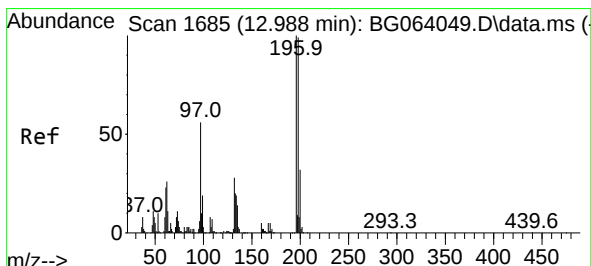
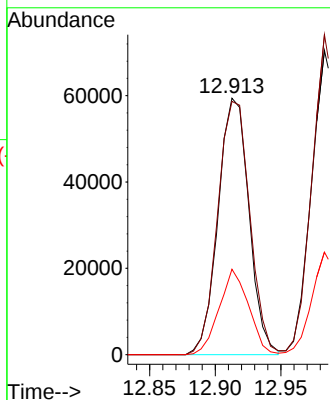
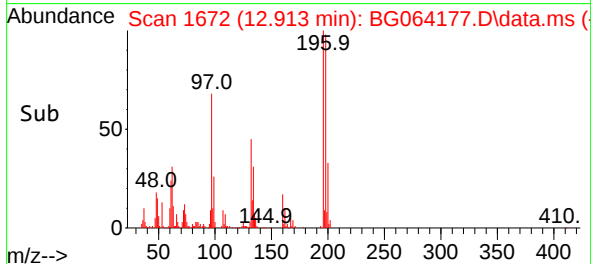
Instrument :
BNA_G
ClientSampleId :
PB167445BS



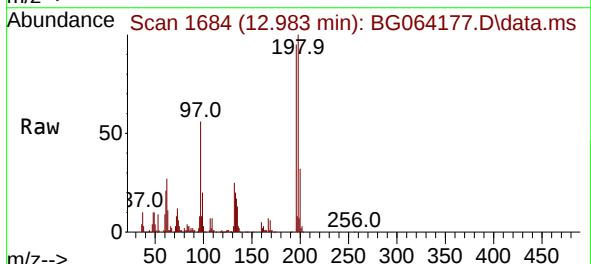
Tgt Ion:196 Resp: 97319
Ion Ratio Lower Upper
196 100
198 98.8 85.6 128.4
200 33.3 24.6 37.0

Manual Integrations
APPROVED

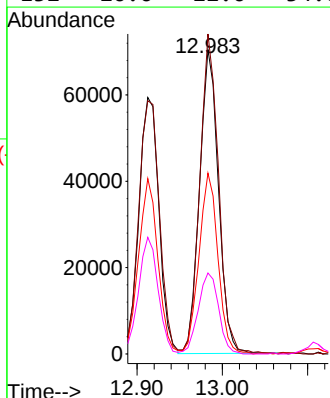
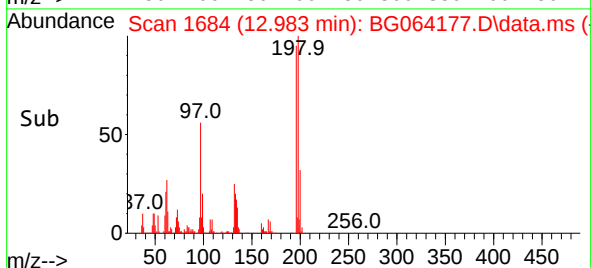
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

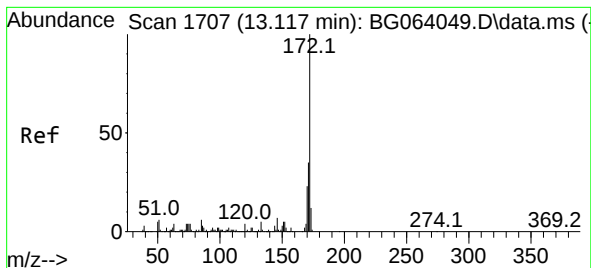


#44
2,4,5-Trichlorophenol
Concen: 58.658 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:196 Resp: 108443
Ion Ratio Lower Upper
196 100
198 105.2 79.5 119.3
97 59.4 45.2 67.8
132 26.6 22.6 34.0





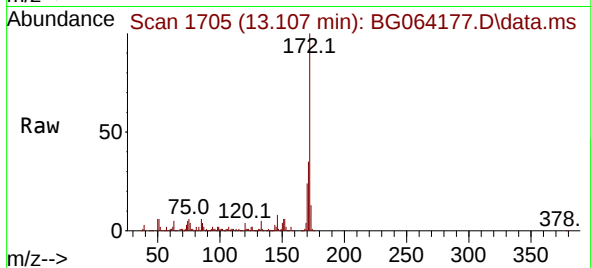
#45
2-Fluorobiphenyl
Concen: 96.275 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



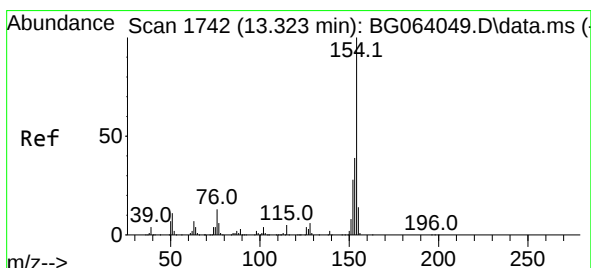
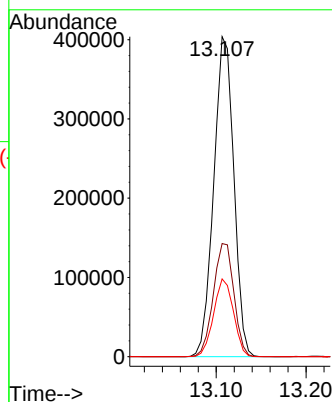
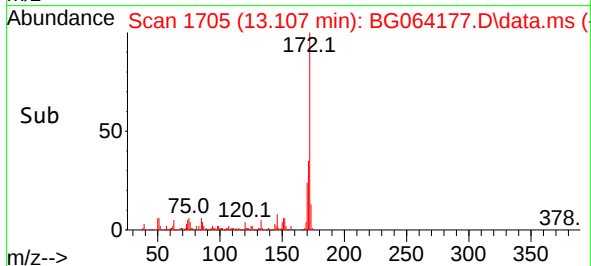
Tgt Ion:172 Resp: 62718
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.3 18.7 28.1

Manual Integrations

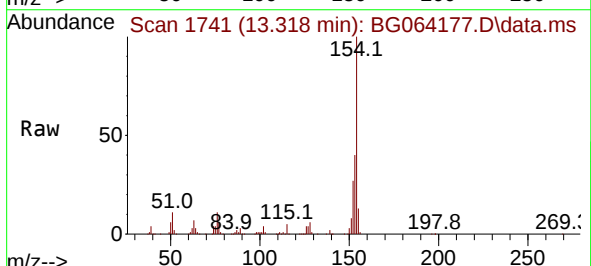
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

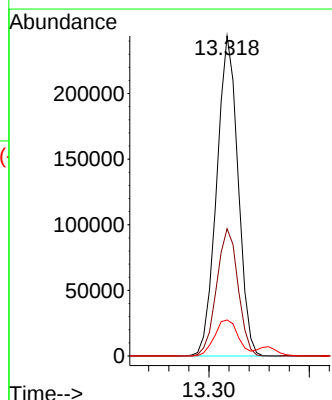
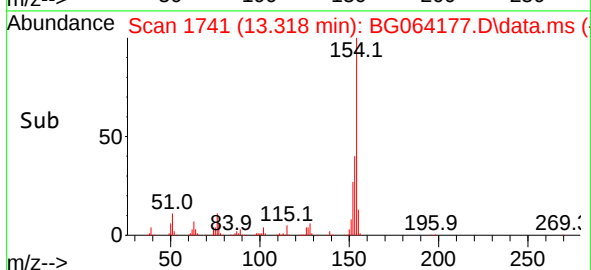
Supervised By :Jagrut Upadhyay 04/04/2025

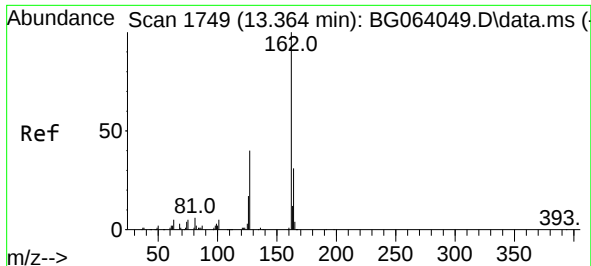


#46
1,1'-Biphenyl
Concen: 48.106 ng
RT: 13.318 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:154 Resp: 359382
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 11.3 0.0 33.5





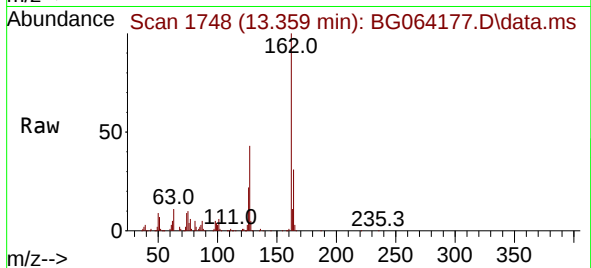
#47
2-Chloronaphthalene
Concen: 49.994 ng
RT: 13.359 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



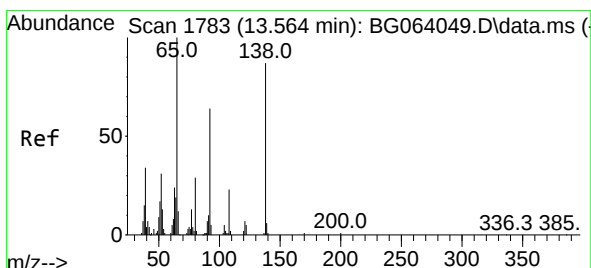
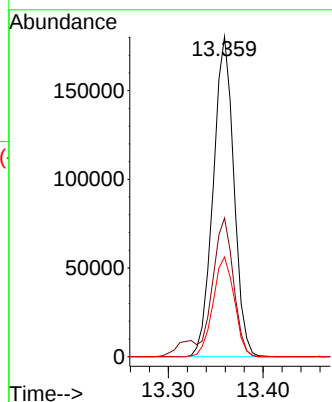
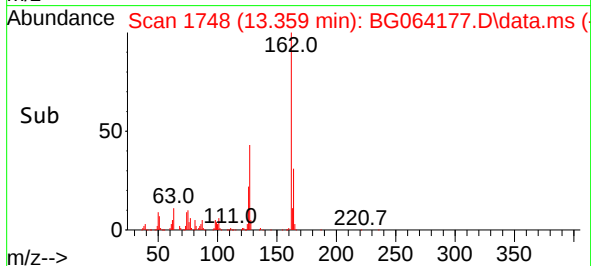
Tgt Ion:162 Resp: 272398
Ion Ratio Lower Upper
162 100
127 43.3 35.0 52.4
164 31.2 25.0 37.6

Manual Integrations

APPROVED

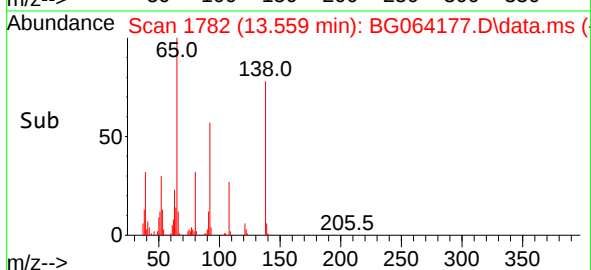
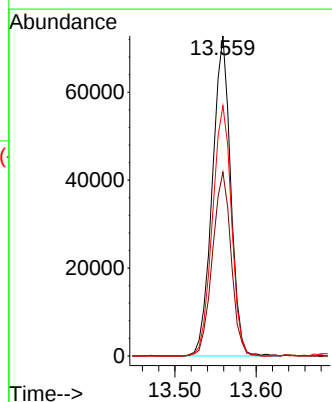
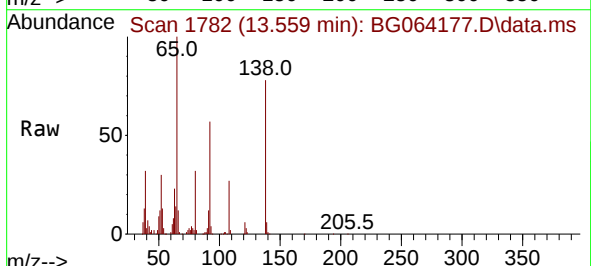
Reviewed By :Rahul Chavli 04/04/2025

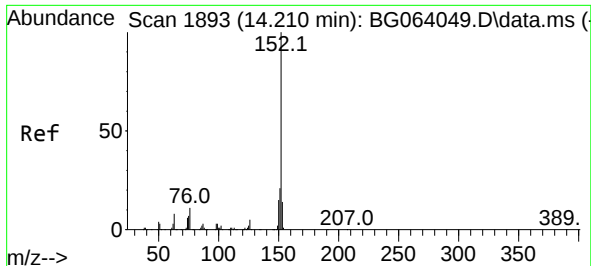
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 60.063 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion: 65 Resp: 114111
Ion Ratio Lower Upper
65 100
92 57.5 51.2 76.8
138 78.2 69.4 104.2





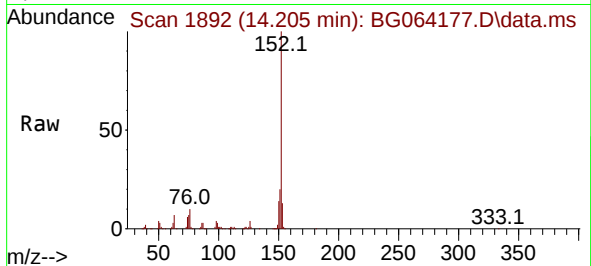
#49
Acenaphthylene
Concen: 54.520 ng
RT: 14.205 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



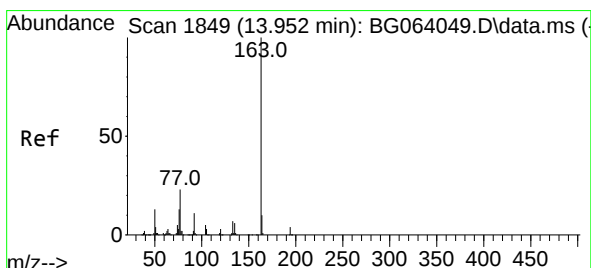
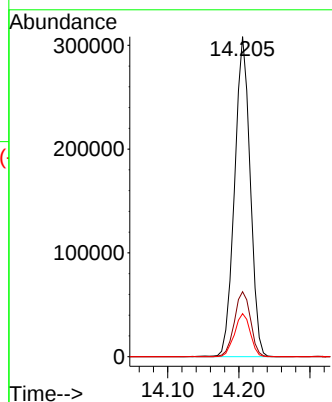
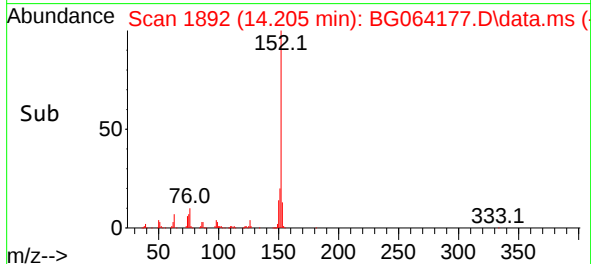
Tgt Ion:152 Resp: 469864
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.9 16.3

Manual Integrations

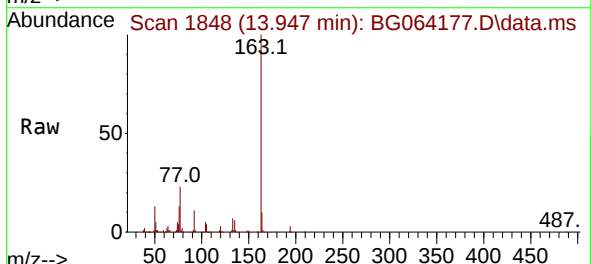
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

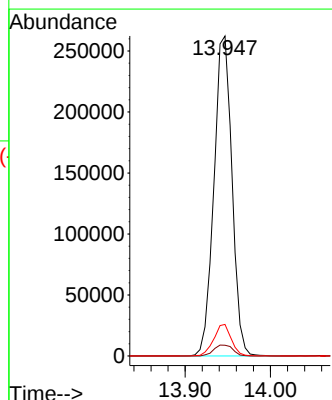
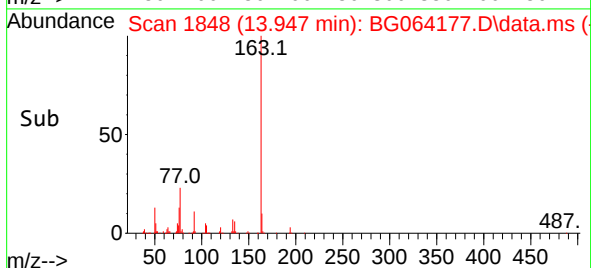
Supervised By :Jagrut Upadhyay 04/04/2025

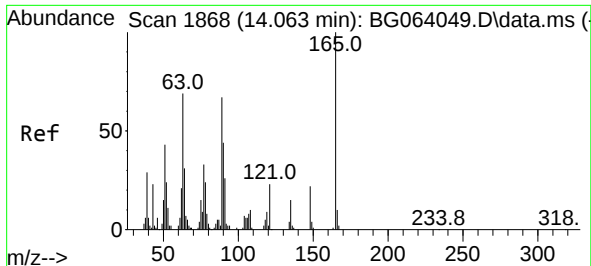


#50
Dimethylphthalate
Concen: 52.806 ng
RT: 13.947 min Scan# 1848
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:163 Resp: 385448
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.410 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

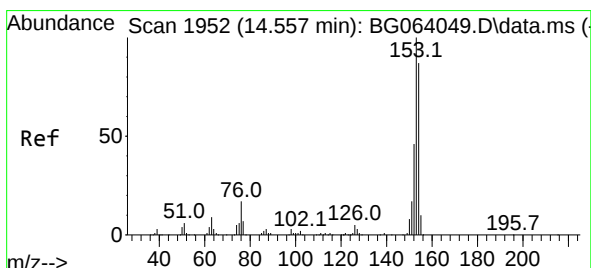
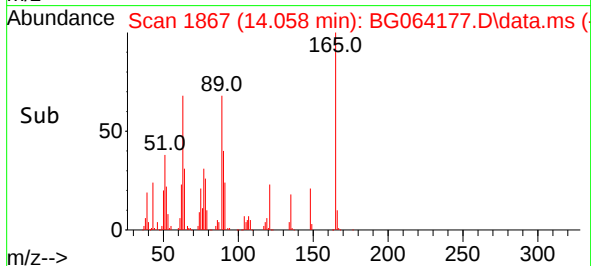
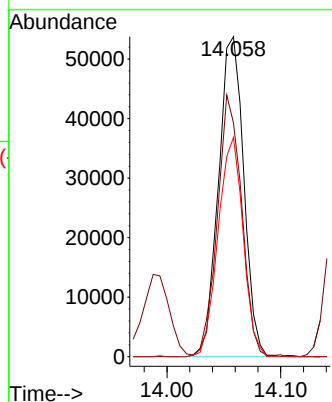
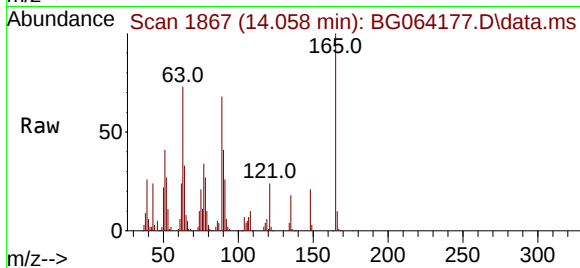
PB167445BS

Tgt Ion:165 Resp: 82878
Ion Ratio Lower Upper
165 100
63 73.1 56.7 85.1
89 68.5 53.7 80.5

Manual Integrations

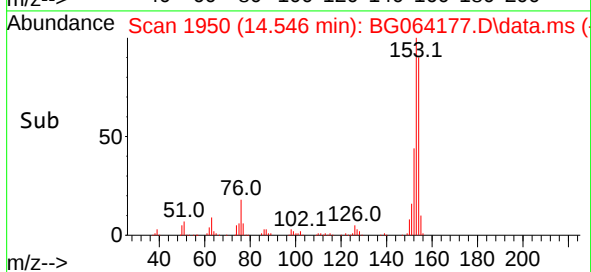
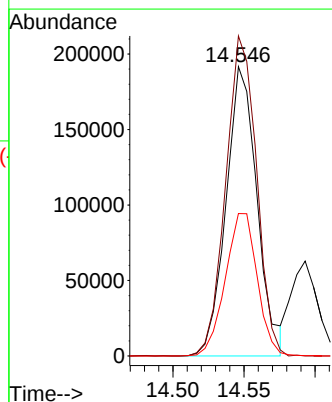
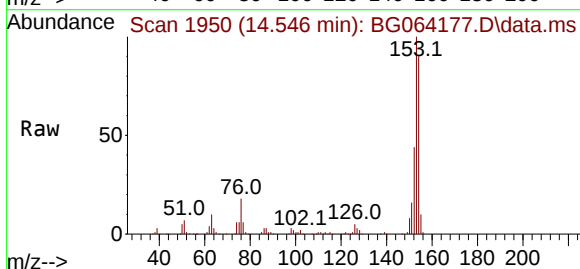
APPROVED

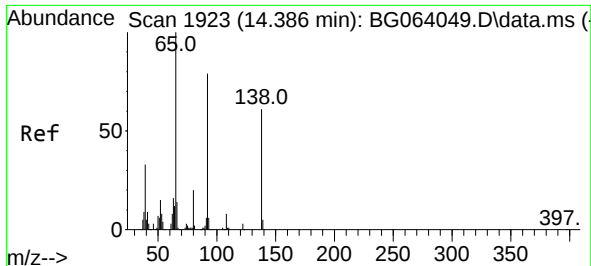
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 50.386 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:154 Resp: 291418
Ion Ratio Lower Upper
154 100
153 110.6 91.6 137.4
152 49.2 42.5 63.7





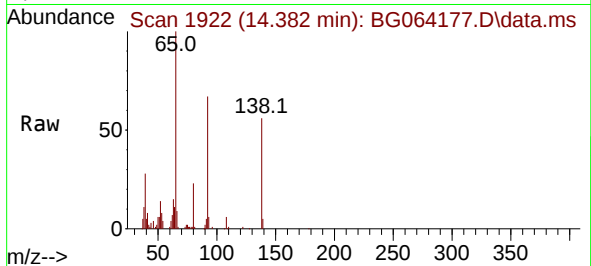
#53
3-Nitroaniline
Concen: 23.204 ng
RT: 14.382 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



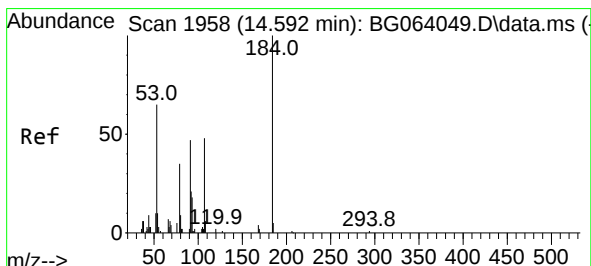
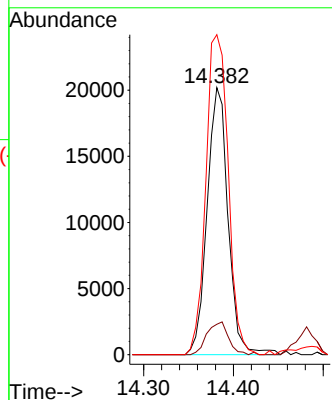
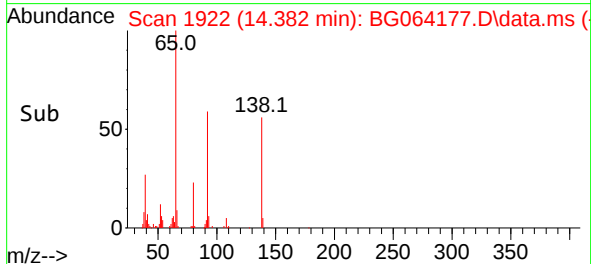
Tgt Ion:138 Resp: 32735
Ion Ratio Lower Upper
138 100
108 11.4 10.1 15.1
92 119.8 104.1 156.1

Manual Integrations

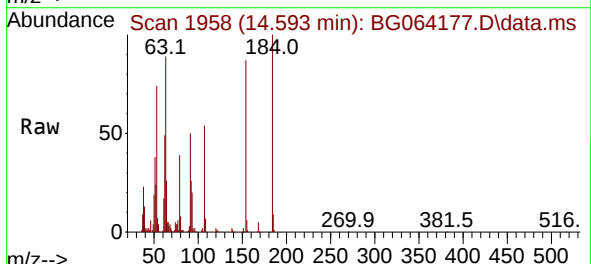
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

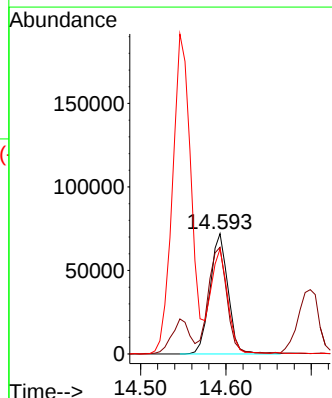
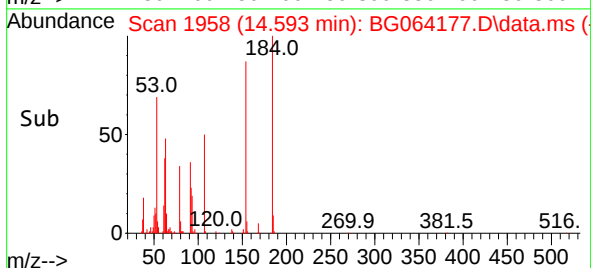
Supervised By :Jagrut Upadhyay 04/04/2025

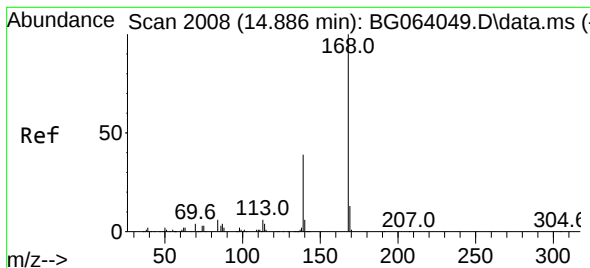


#54
2,4-Dinitrophenol
Concen: 163.036 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:184 Resp: 106263
Ion Ratio Lower Upper
184 100
63 88.8 57.5 86.3#
154 87.3 52.3 78.5#





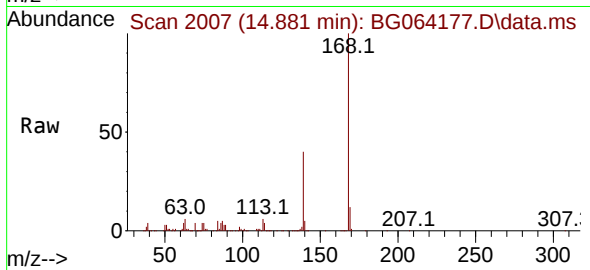
#55
Dibenzenofuran
Concen: 50.079 ng
RT: 14.881 min Scan# 2008
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



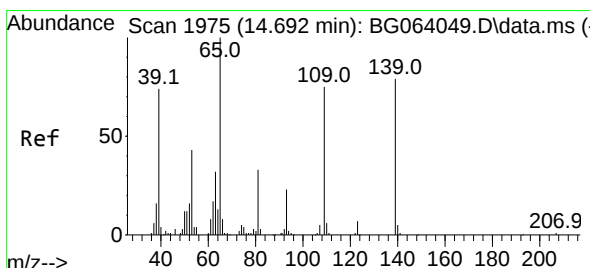
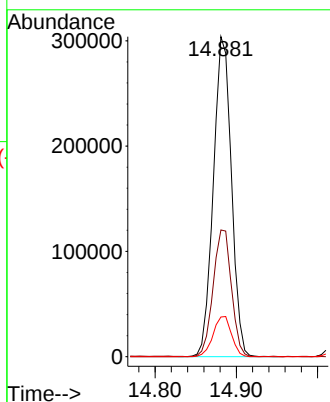
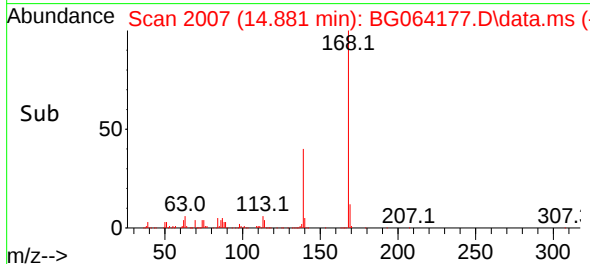
Tgt Ion:168 Resp: 46922
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 12.4 10.5 15.7

Manual Integrations

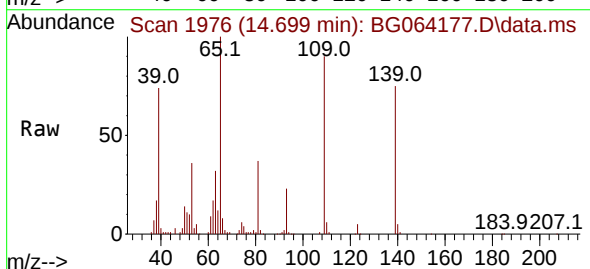
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

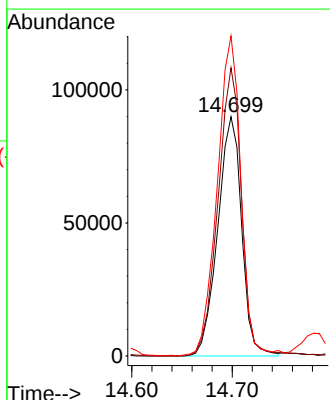
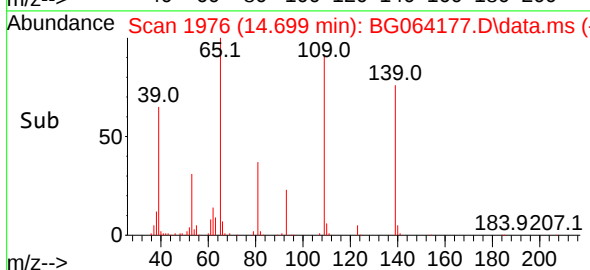
Supervised By :Jagrut Upadhyay 04/04/2025

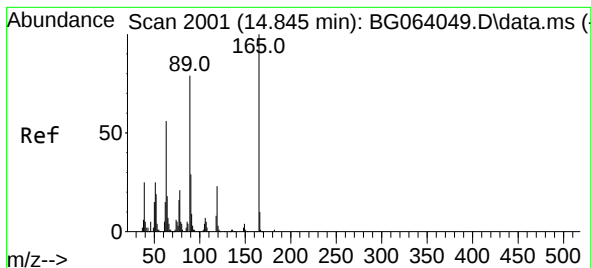


#56
4-Nitrophenol
Concen: 125.409 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.007 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:139 Resp: 148379
Ion Ratio Lower Upper
139 100
109 120.5 74.9 114.9#
65 133.8 106.8 146.8





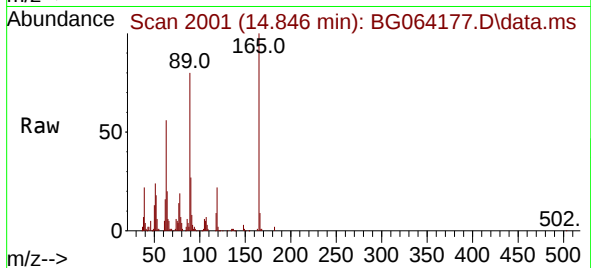
#57
2,4-Dinitrotoluene
Concen: 61.489 ng
RT: 14.846 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



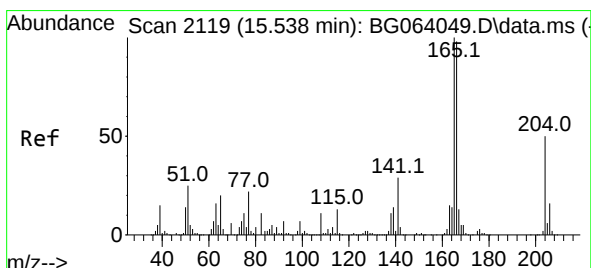
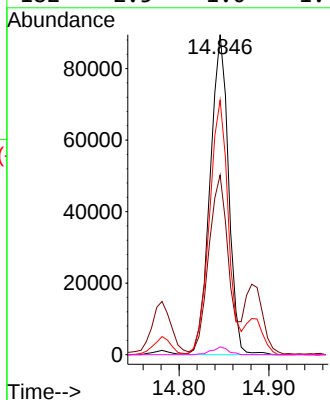
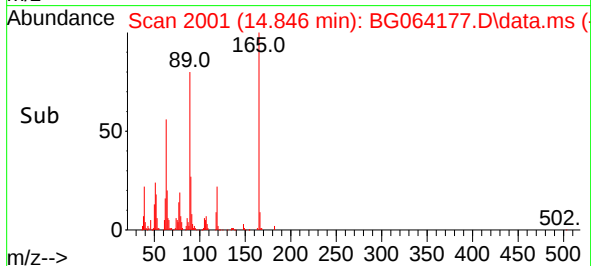
Tgt Ion:165 Resp: 127904
Ion Ratio Lower Upper
165 100
63 56.2 45.0 67.6
89 79.5 63.1 94.7
182 2.5 1.0 1.4#

Manual Integrations

APPROVED

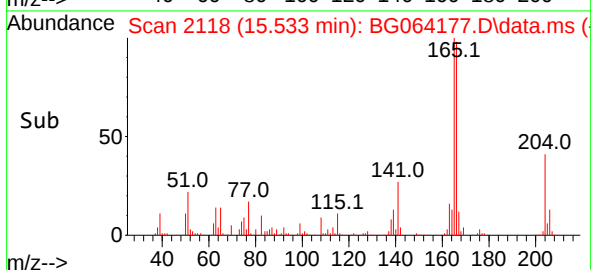
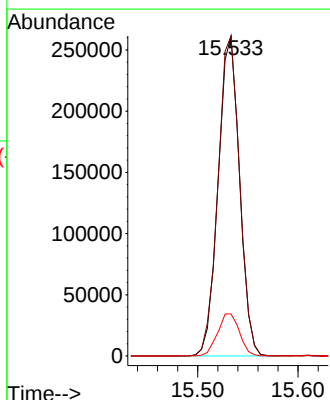
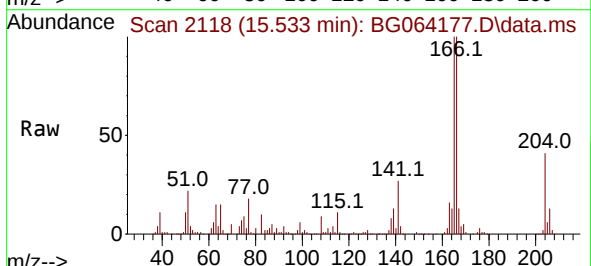
Reviewed By :Rahul Chavli 04/04/2025

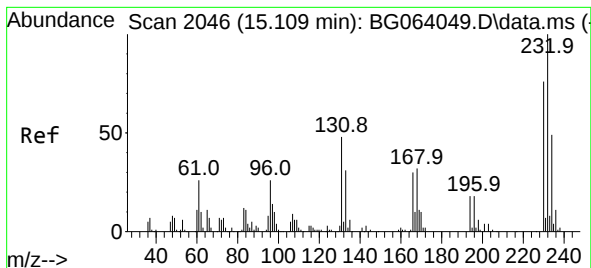
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 52.710 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:166 Resp: 384652
Ion Ratio Lower Upper
166 100
165 100.1 81.8 122.8
167 13.2 10.8 16.2





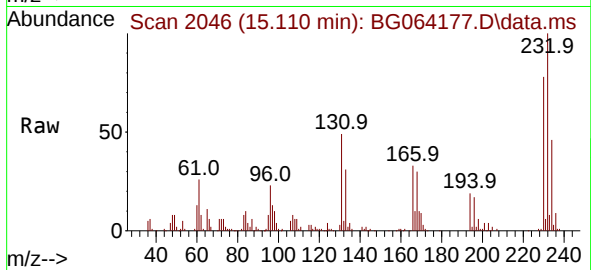
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.706 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



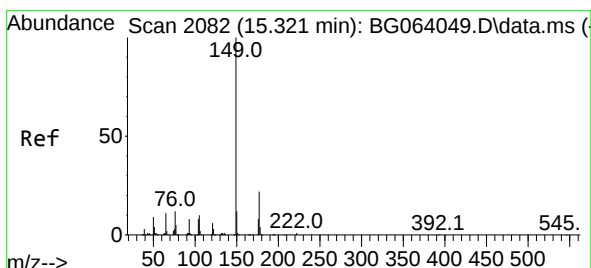
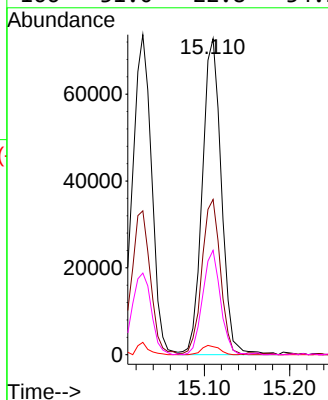
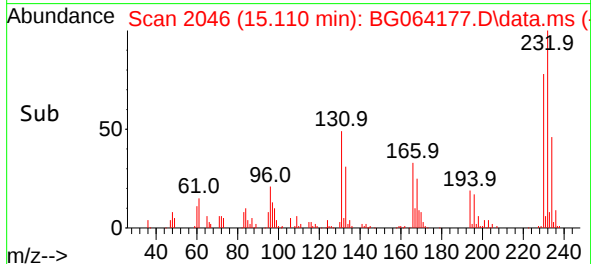
Tgt Ion:232 Resp: 113015
Ion Ratio Lower Upper
232 100
131 47.6 36.3 54.5
130 2.7 1.9 2.9
166 31.0 22.8 34.2

Manual Integrations

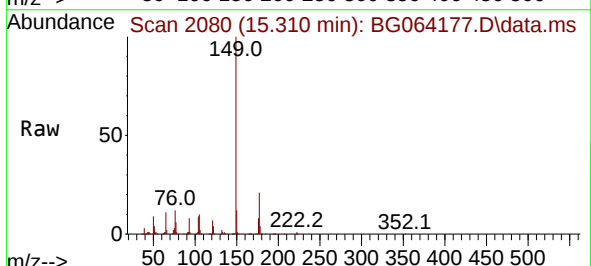
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

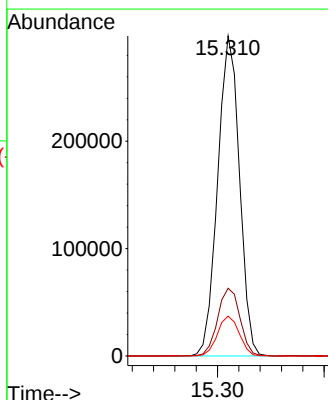
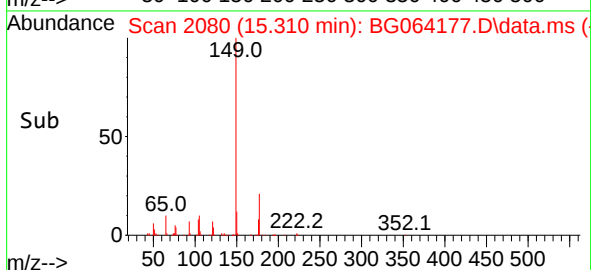
Supervised By :Jagrut Upadhyay 04/04/2025

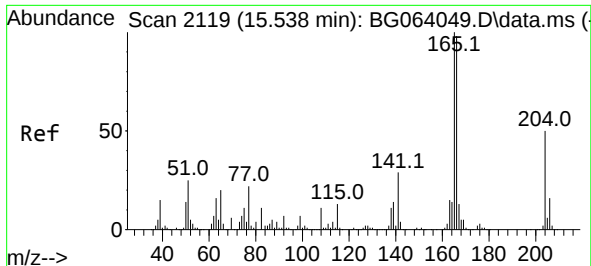


#60
Diethylphthalate
Concen: 53.263 ng
RT: 15.310 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:149 Resp: 422062
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.4 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 52.573 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

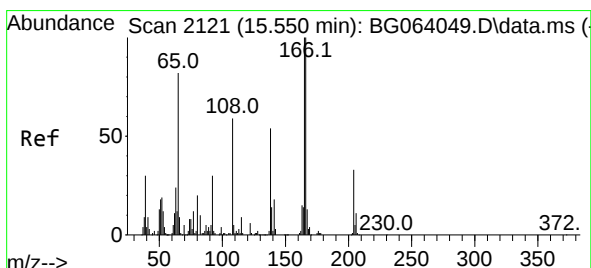
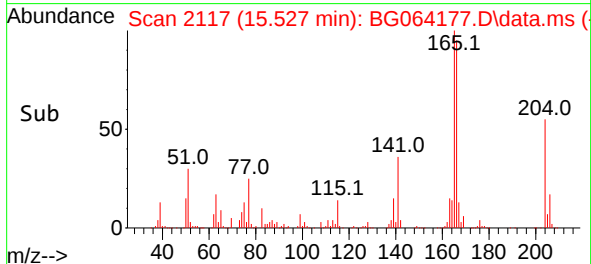
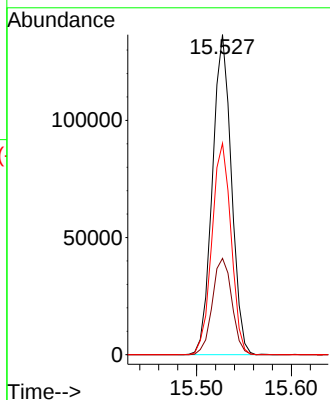
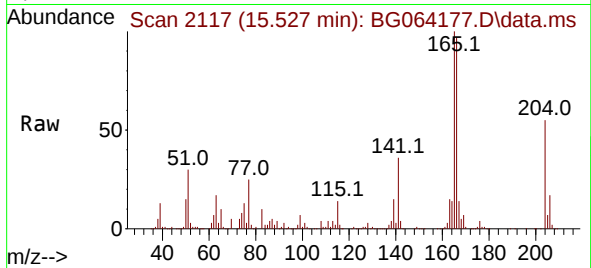
ClientSampleId :

PB167445BS

Tgt Ion:204 Resp: 19065
Ion Ratio Lower Upper
204 100
206 30.1 25.5 38.3
141 66.1 45.4 68.0

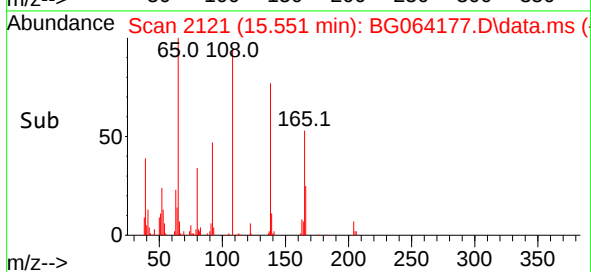
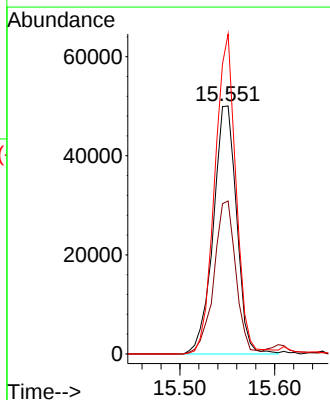
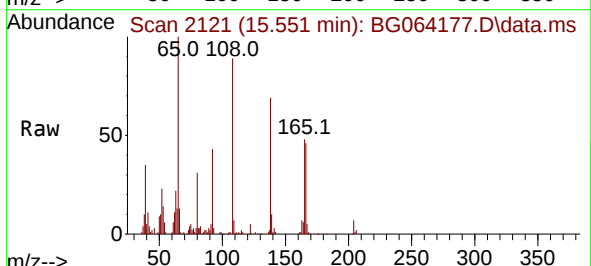
Manual Integrations
APPROVED

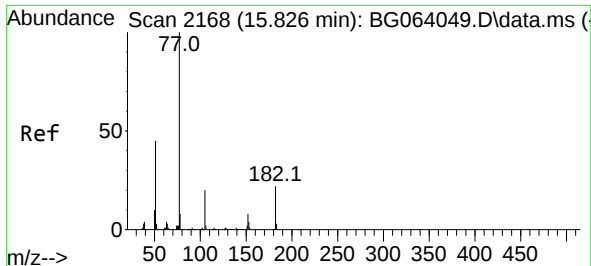
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#62
4-Nitroaniline
Concen: 56.282 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:138 Resp: 85723
Ion Ratio Lower Upper
138 100
92 61.7 36.1 76.1
108 129.0 87.9 127.9#





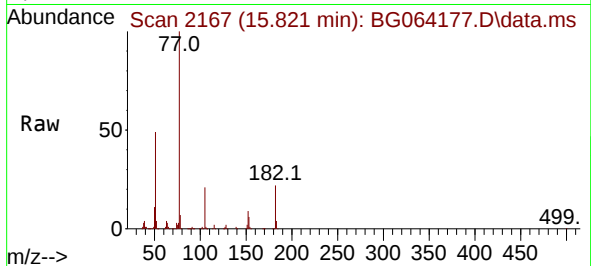
#63
Azobenzene
Concen: 49.515 ng
RT: 15.821 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



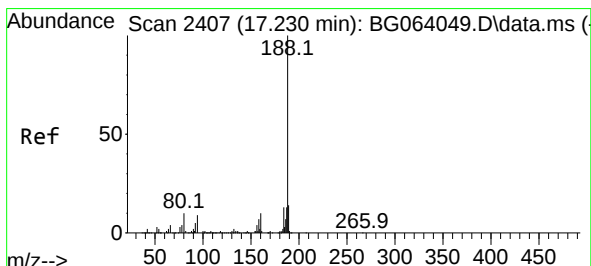
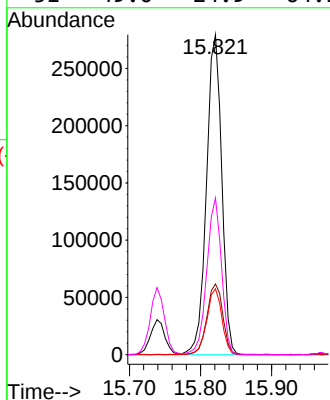
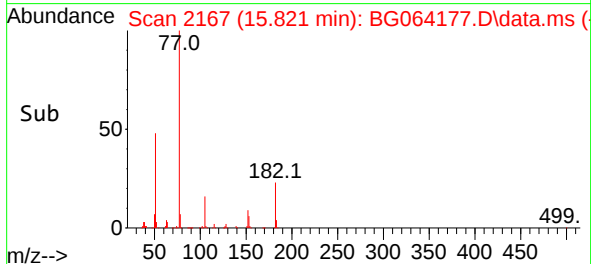
Tgt Ion: 77 Resp: 418689
Ion Ratio Lower Upper
77 100
182 22.1 2.4 42.4
105 20.6 0.0 40.0
51 49.0 24.9 64.9

Manual Integrations

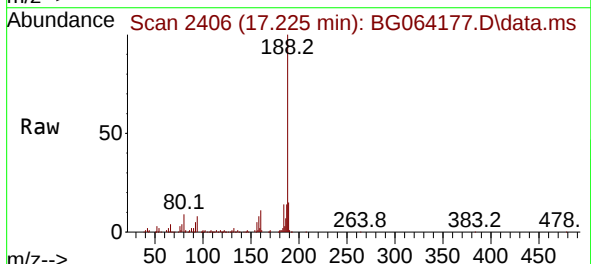
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

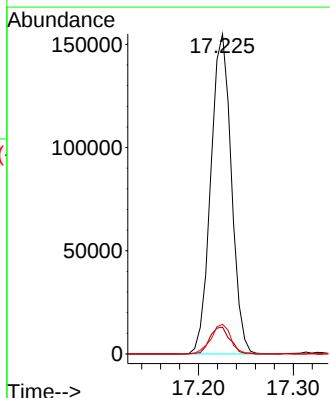
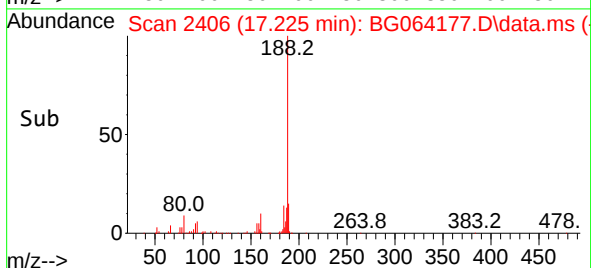
Supervised By :Jagrut Upadhyay 04/04/2025

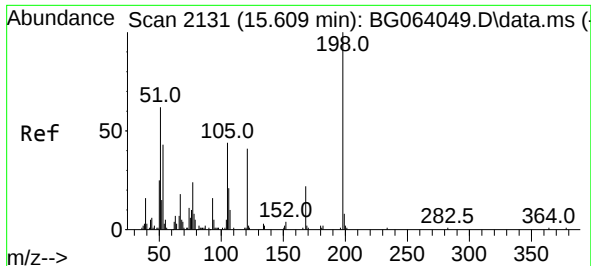


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



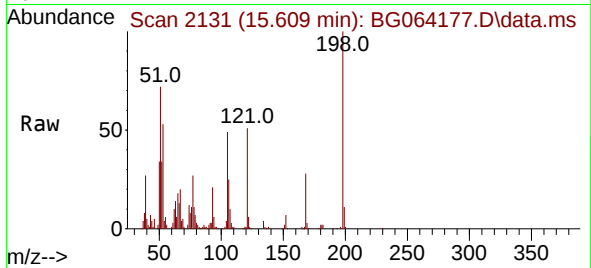
Tgt Ion:188 Resp: 233641
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 72.652 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

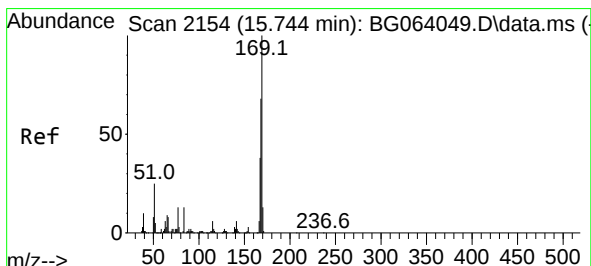
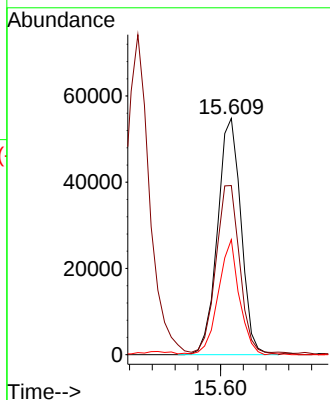
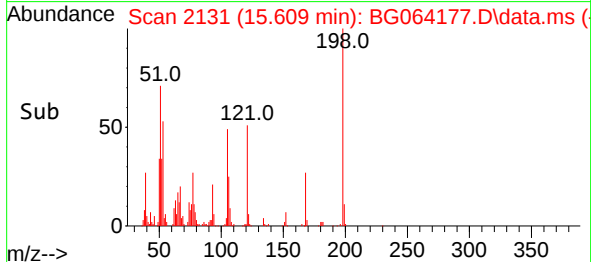
Instrument :
BNA_G
ClientSampleId :
PB167445BS



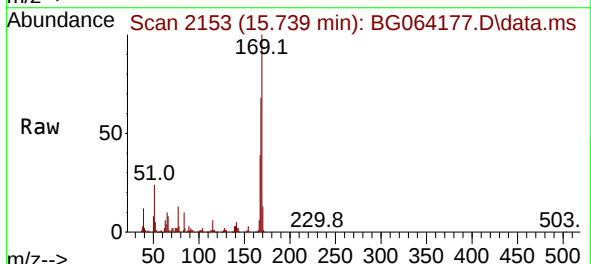
Tgt Ion:198 Resp: 7844
Ion Ratio Lower Upper
198 100
51 71.6 45.6 85.6
105 48.7 25.3 65.3

Manual Integrations
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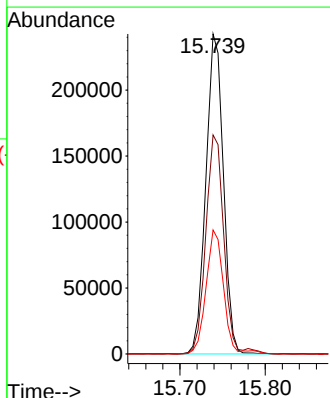
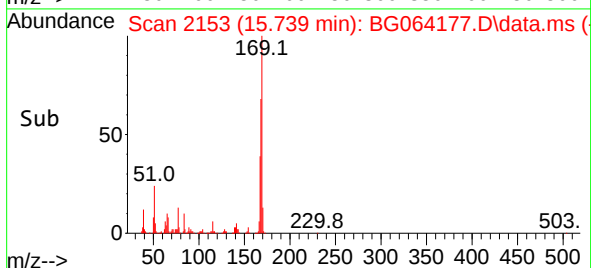
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

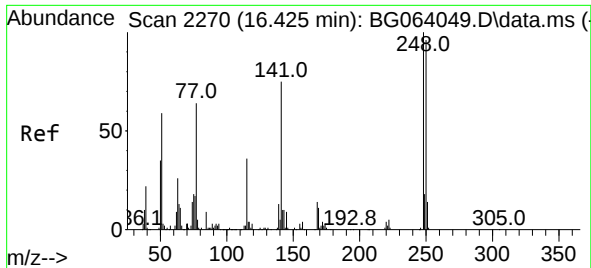


#66
n-Nitrosodiphenylamine
Concen: 52.361 ng
RT: 15.739 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:169 Resp: 346290
Ion Ratio Lower Upper
169 100
168 68.5 54.1 81.1
167 38.8 30.3 45.5





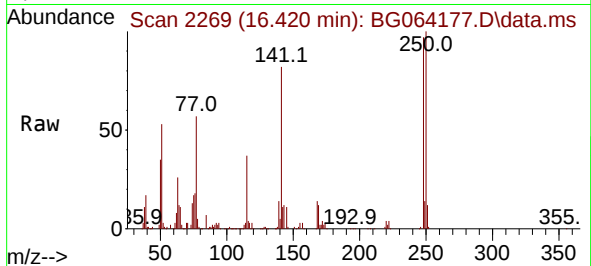
#67
4-Bromophenyl-phenylether
Concen: 54.748 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

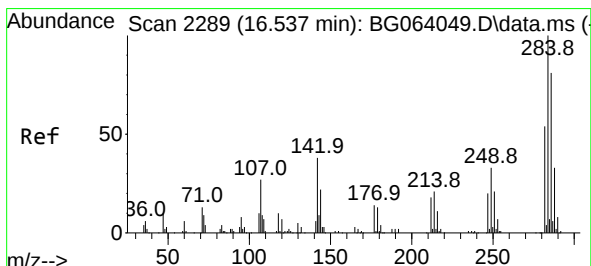
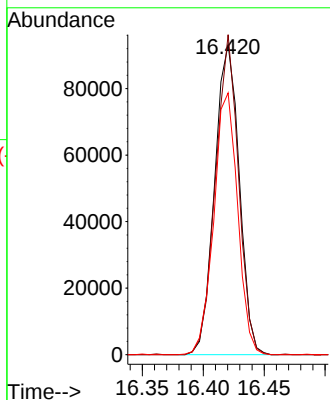
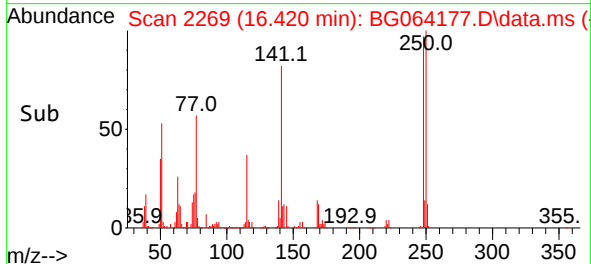


Tgt Ion:248 Resp: 131008
Ion Ratio Lower Upper
248 100
250 103.2 77.1 115.7
141 84.4 59.8 89.8

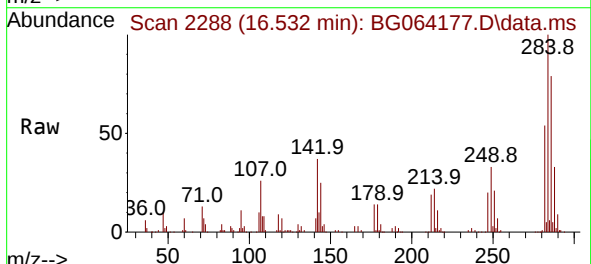
Manual Integrations

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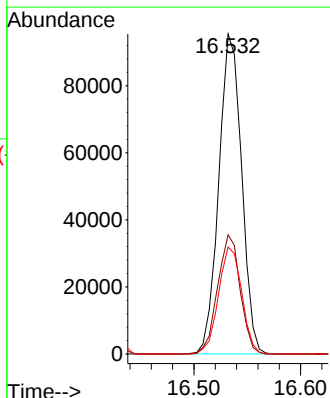
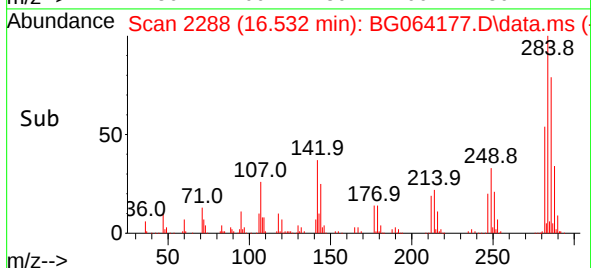
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

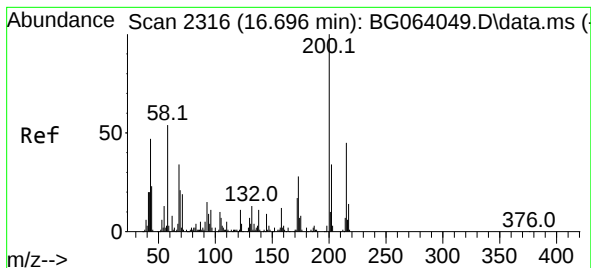


#68
Hexachlorobenzene
Concen: 52.832 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:284 Resp: 141537
Ion Ratio Lower Upper
284 100
142 37.2 30.6 45.8
249 33.4 26.6 39.8





#69

Atrazine

Concen: 72.737 ng

RT: 16.691 min Scan# 215

Delta R.T. -0.005 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

Tgt Ion:200 Resp: 141539

Ion Ratio Lower Upper

200 100

173 25.4 8.2 48.2

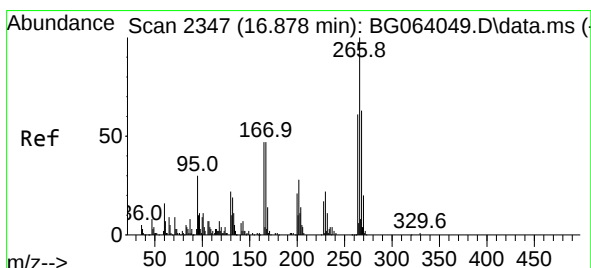
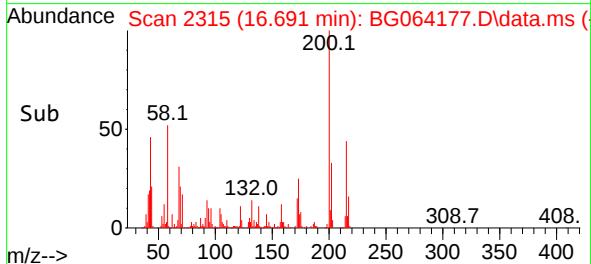
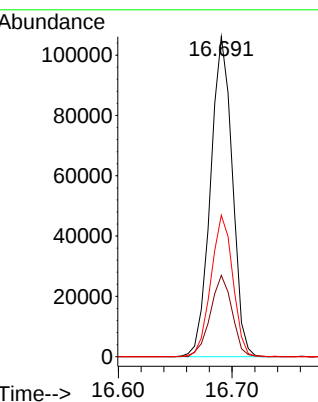
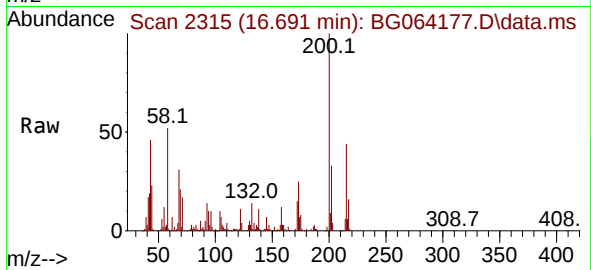
215 44.2 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 115.853 ng

RT: 16.879 min Scan# 2347

Delta R.T. 0.001 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

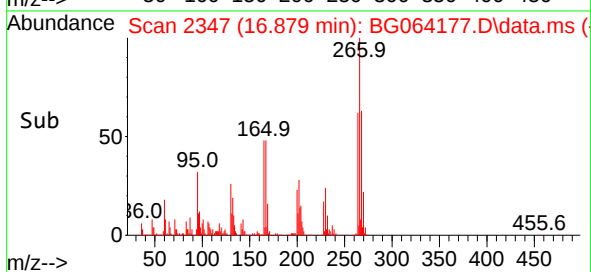
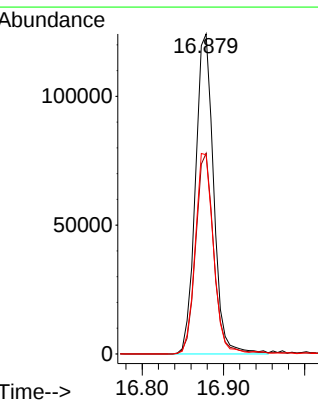
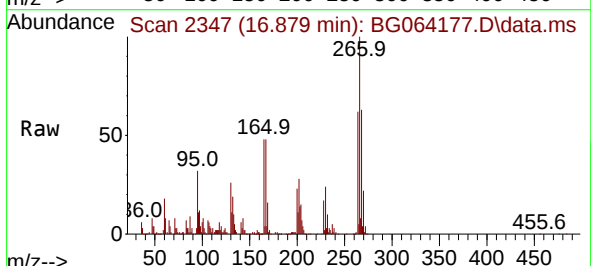
Tgt Ion:266 Resp: 192704

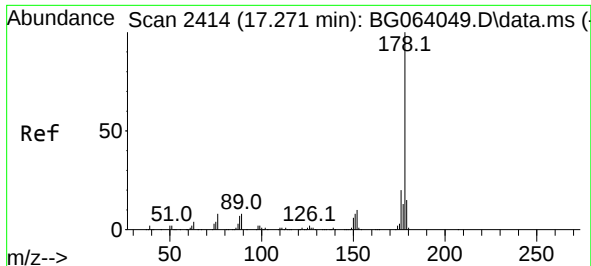
Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.4

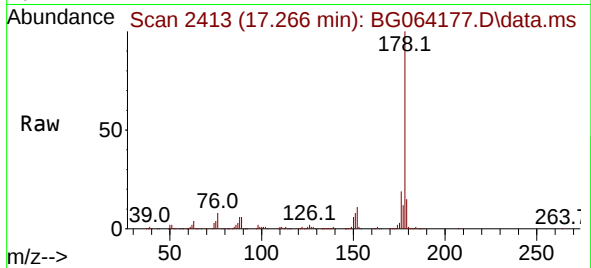
264 62.2 48.9 73.3





#71
Phenanthrene
Concen: 51.854 ng
RT: 17.266 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

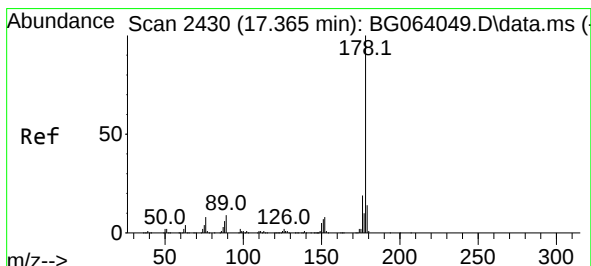
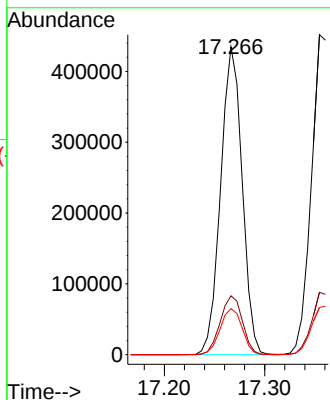
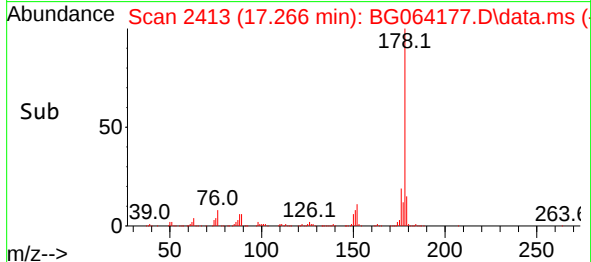
Instrument :
BNA_G
ClientSampleId :
PB167445BS



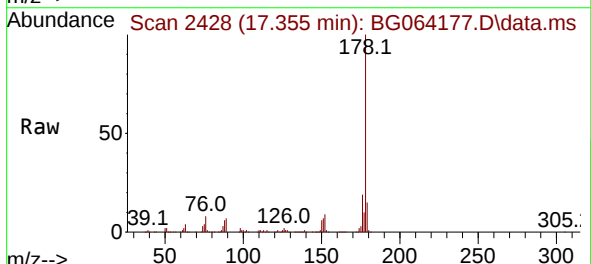
Tgt Ion:178 Resp: 646190
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.0 12.2 18.2

Manual Integrations
APPROVED

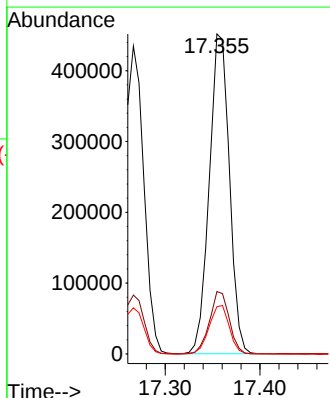
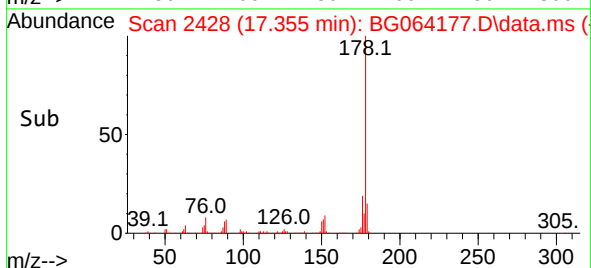
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

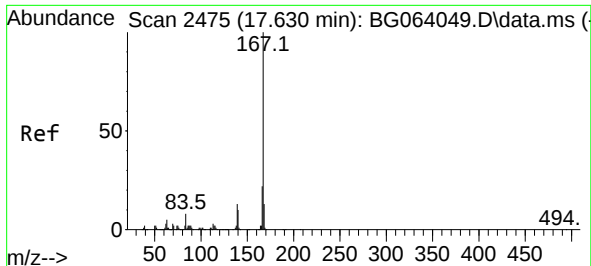


#72
Anthracene
Concen: 53.772 ng
RT: 17.355 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:178 Resp: 666325
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 14.8 11.5 17.3





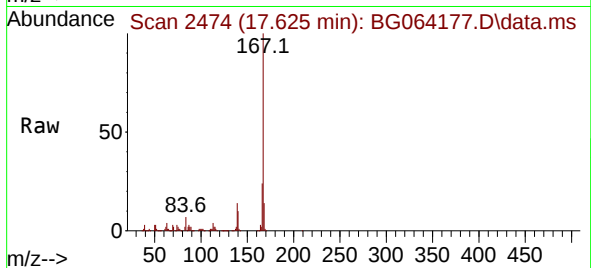
#73
 Carbazole
 Concen: 51.463 ng
 RT: 17.625 min Scan# 2475
 Delta R.T. -0.005 min
 Lab File: BG064177.D
 Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



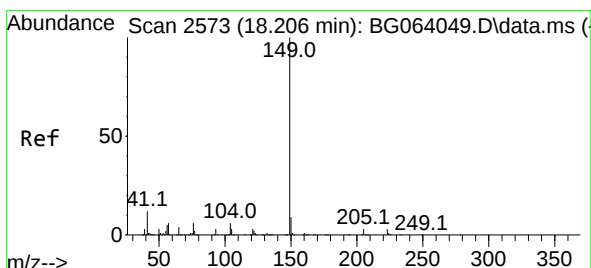
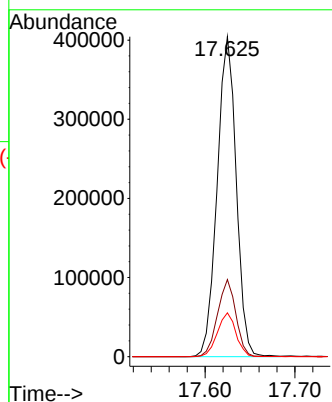
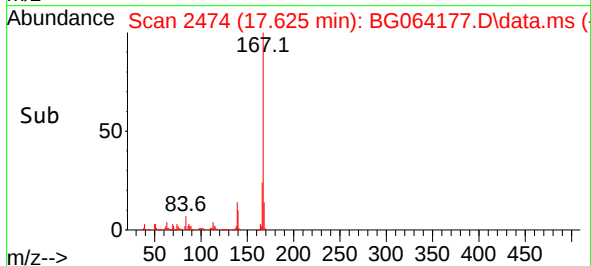
Tgt Ion:167 Resp: 595398
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.0 27.0
 139 13.7 10.6 15.8

Manual Integrations

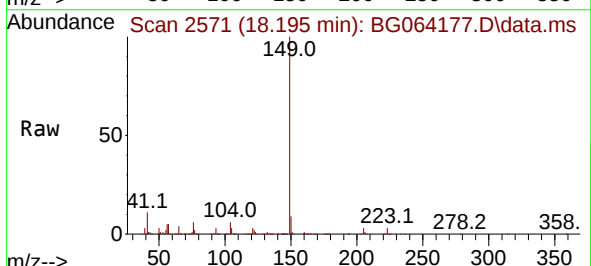
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

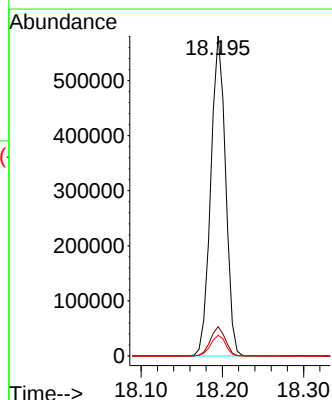
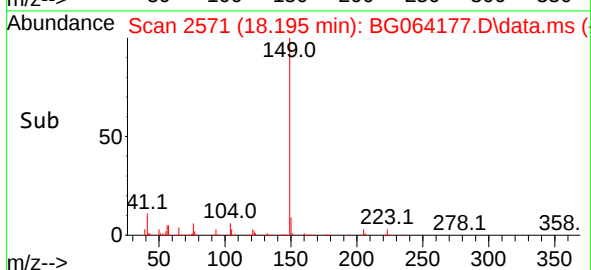
Supervised By :Jagrut Upadhyay 04/04/2025

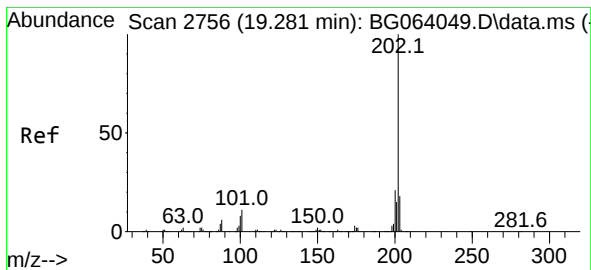


#74
 Di-n-butylphthalate
 Concen: 53.803 ng
 RT: 18.195 min Scan# 2571
 Delta R.T. -0.011 min
 Lab File: BG064177.D
 Acq: 3 Apr 2025 22:00



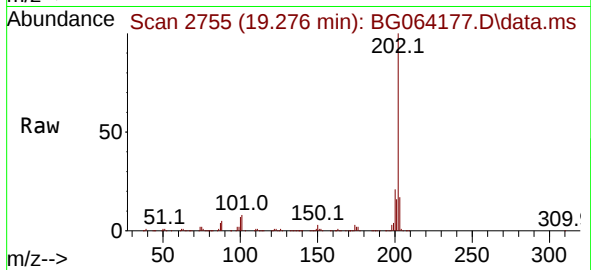
Tgt Ion:149 Resp: 732719
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.5 5.0 7.6





#75
Fluoranthene
Concen: 50.196 ng
RT: 19.276 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

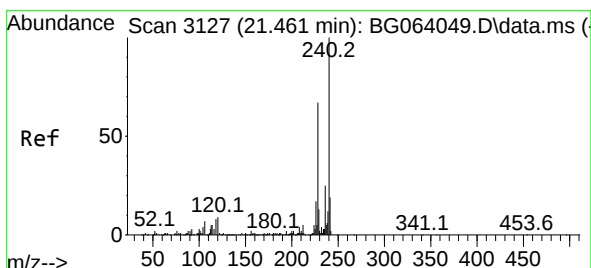
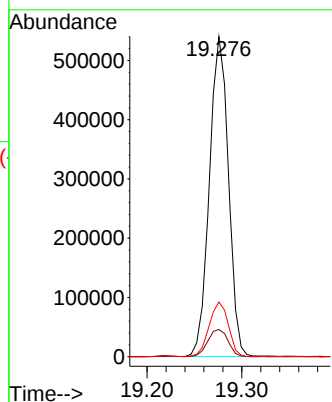
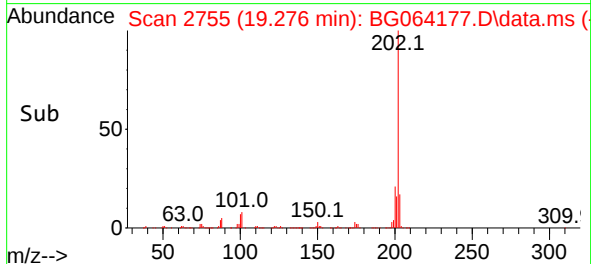
Instrument :
BNA_G
ClientSampleId :
PB167445BS



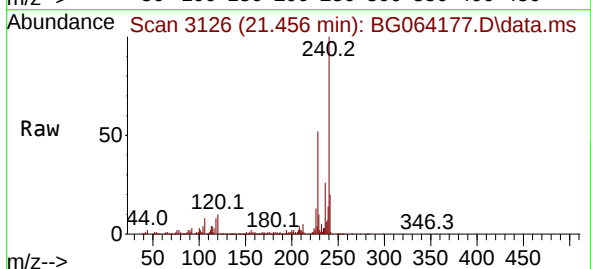
Tgt Ion:202 Resp: 754125
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.5
203 17.1 0.0 38.3

Manual Integrations
APPROVED

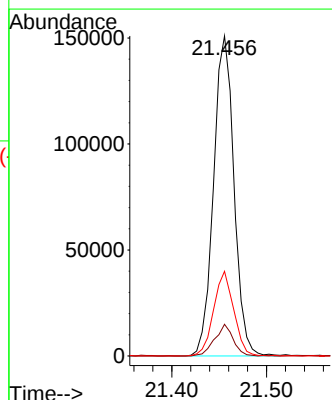
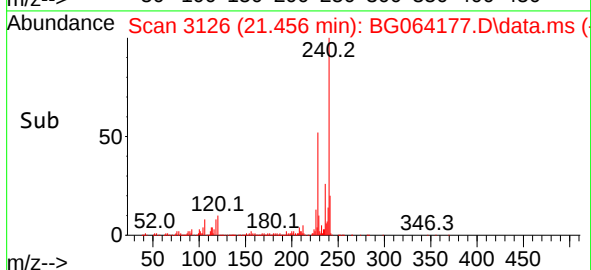
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

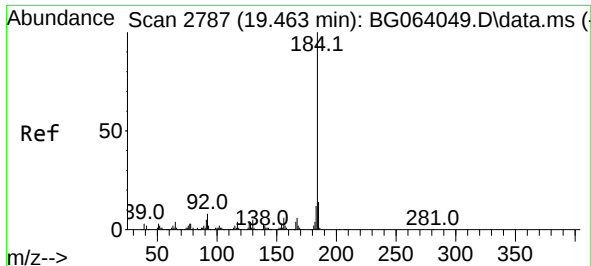


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



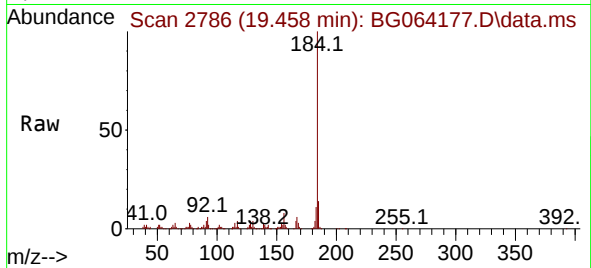
Tgt Ion:240 Resp: 226061
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.5 20.2 30.2





#77
Benzidine
Concen: 65.625 ng
RT: 19.458 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

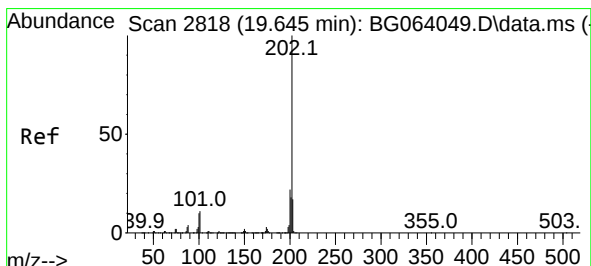
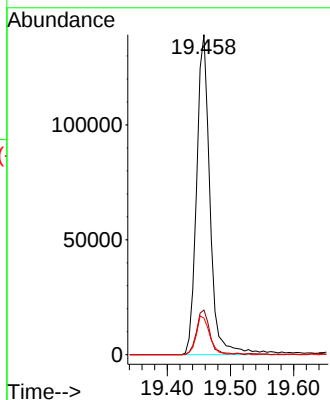
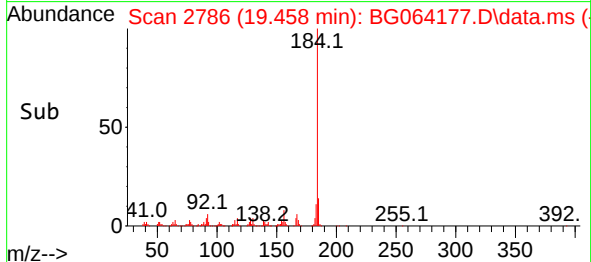
Instrument :
BNA_G
ClientSampleId :
PB167445BS



Tgt Ion:184 Resp: 205420
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.4 9.5 14.3

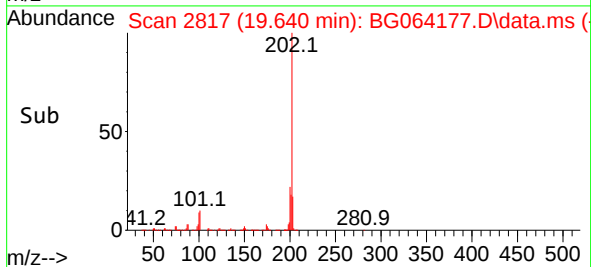
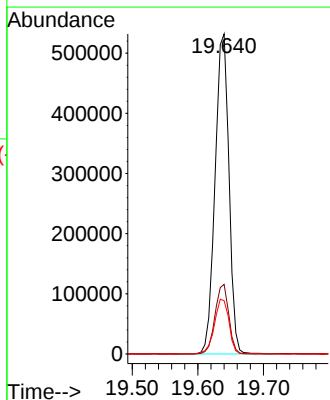
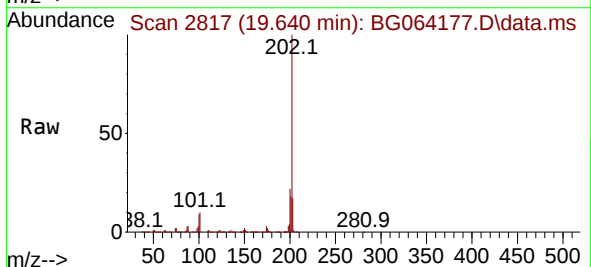
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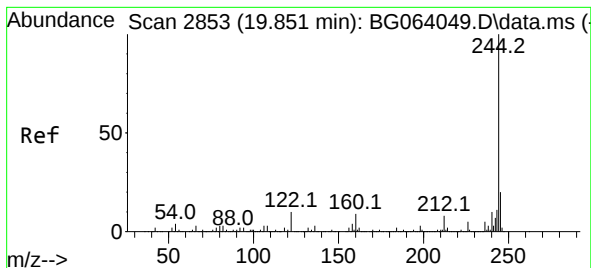
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#78
Pyrene
Concen: 53.474 ng
RT: 19.640 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:202 Resp: 779241
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 16.7 13.6 20.4





#79

Terphenyl-d14

Concen: 106.642 ng

RT: 19.846 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

Tgt Ion:244 Resp: 119226

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

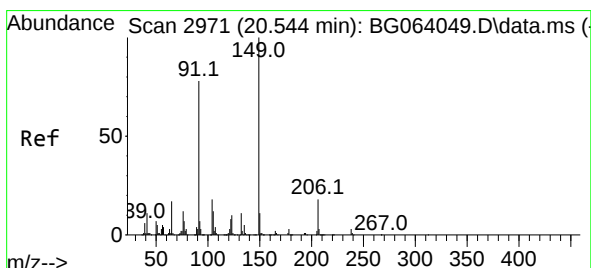
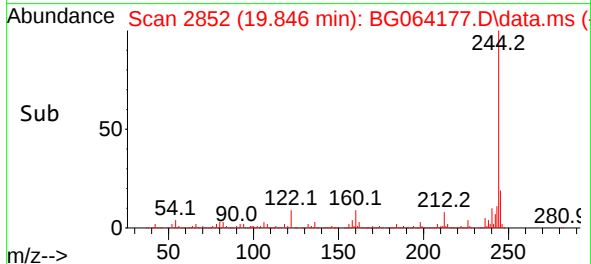
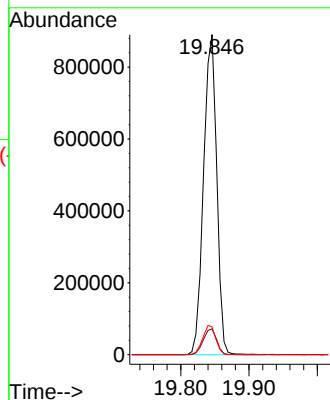
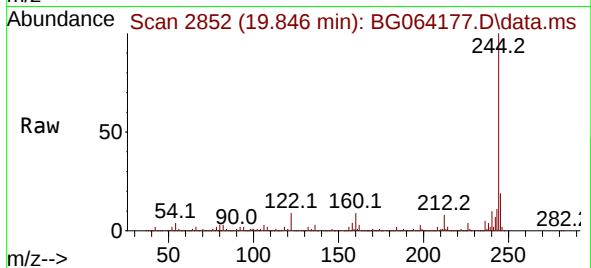
122 8.7 8.0 12.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#80

Butylbenzylphthalate

Concen: 59.461 ng

RT: 20.533 min Scan# 2969

Delta R.T. -0.011 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

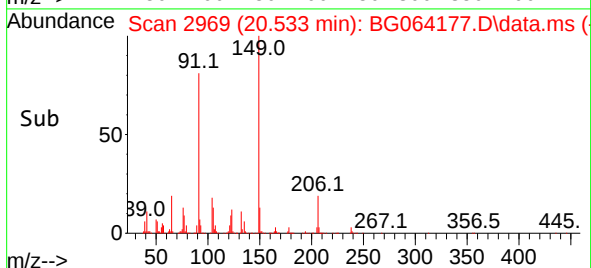
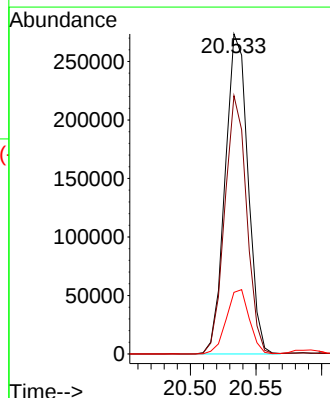
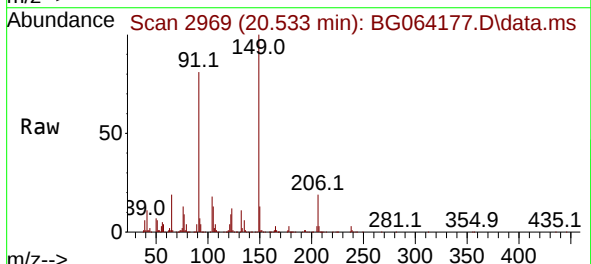
Tgt Ion:149 Resp: 330282

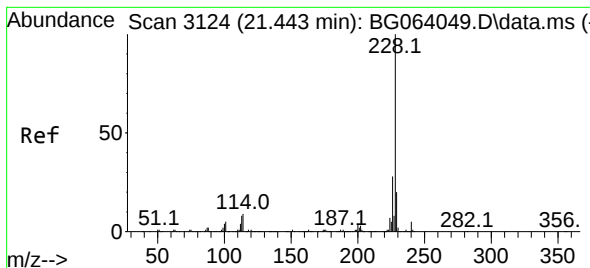
Ion Ratio Lower Upper

149 100

91 80.7 62.0 93.0

206 19.3 14.6 21.8





#81

Benzo(a)anthracene

Concen: 55.020 ng

RT: 21.438 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG064177.D

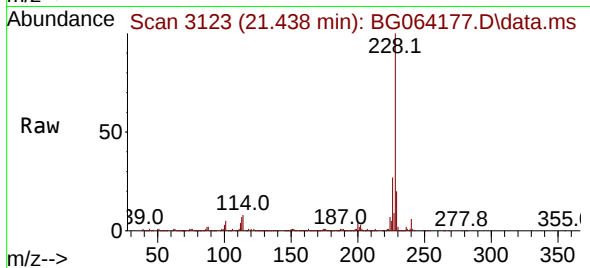
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS



Tgt Ion:228 Resp: 796735

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

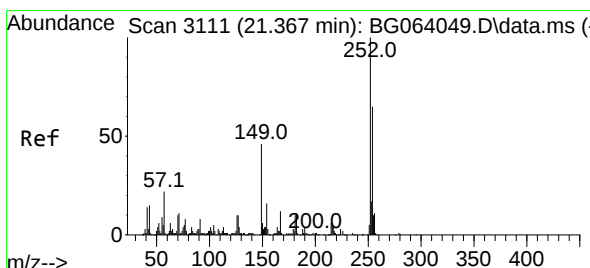
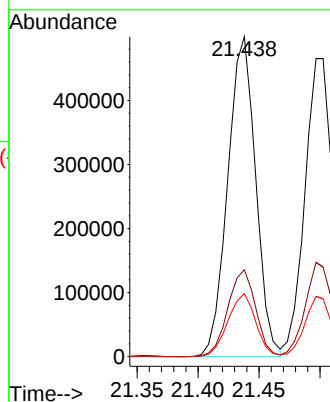
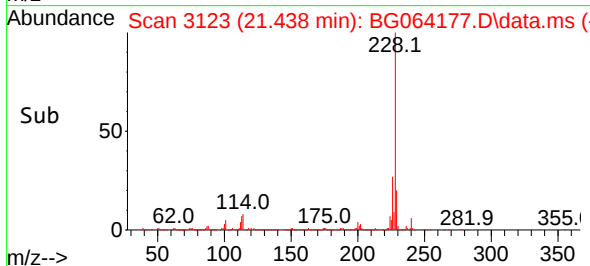
229 19.7 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 27.912 ng

RT: 21.356 min Scan# 3109

Delta R.T. -0.011 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

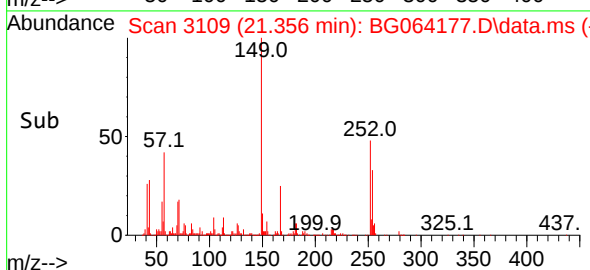
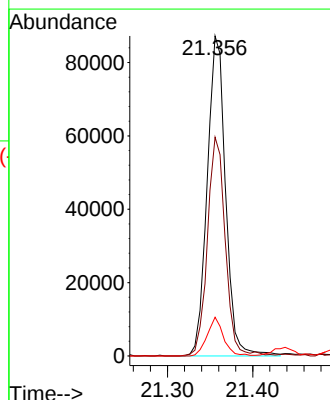
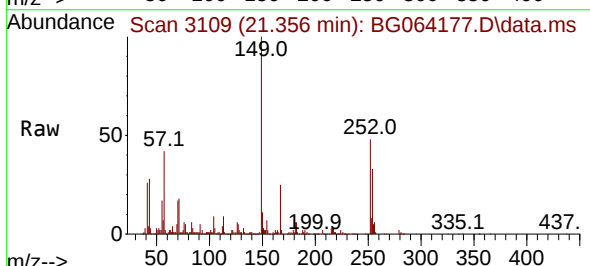
Tgt Ion:252 Resp: 130810

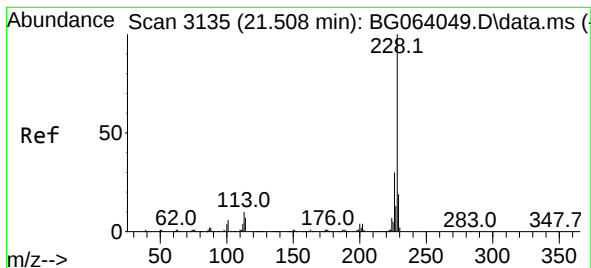
Ion Ratio Lower Upper

252 100

254 68.4 52.1 78.1

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 50.816 ng

RT: 21.503 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

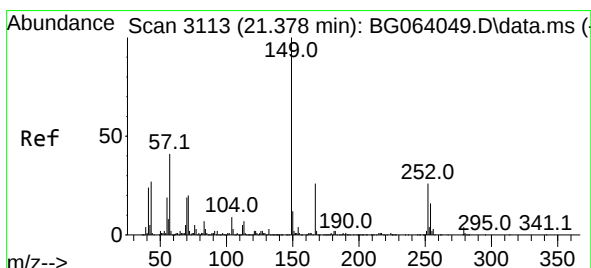
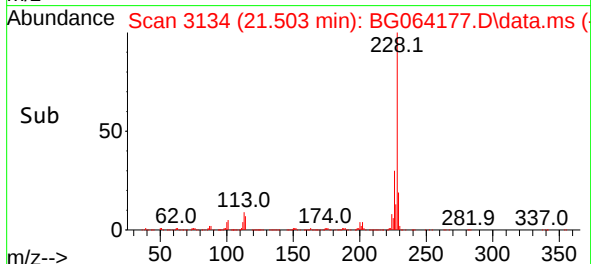
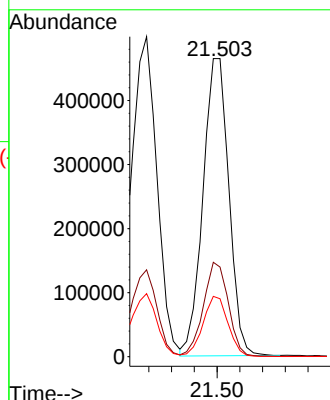
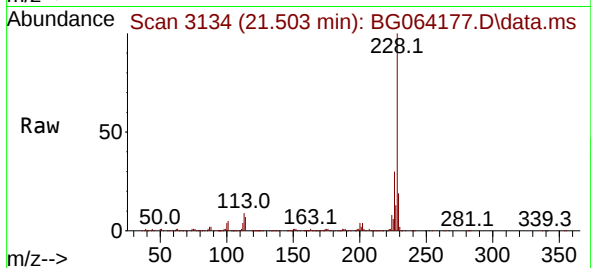
Tgt Ion:228 Resp: 73392
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.9 35.9
 229 19.4 15.3 22.9

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.863 ng

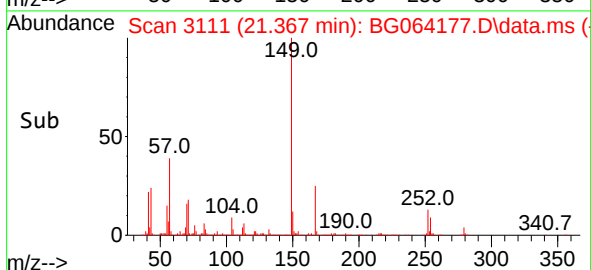
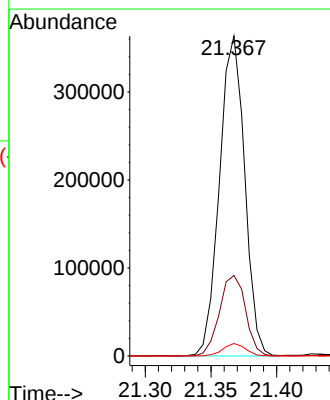
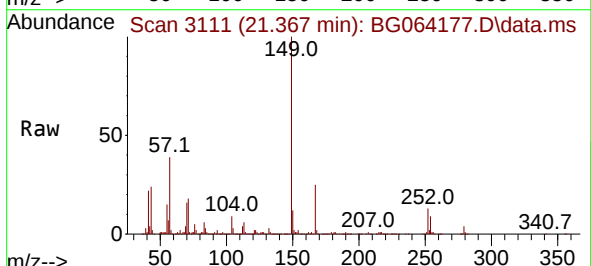
RT: 21.367 min Scan# 3111

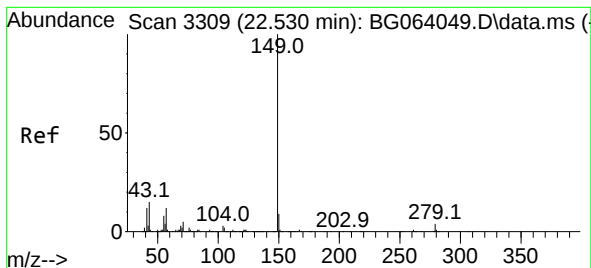
Delta R.T. -0.011 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

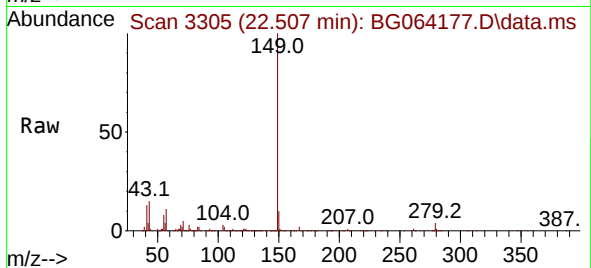
Tgt Ion:149 Resp: 484476
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.6
 279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 62.004 ng
RT: 22.507 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

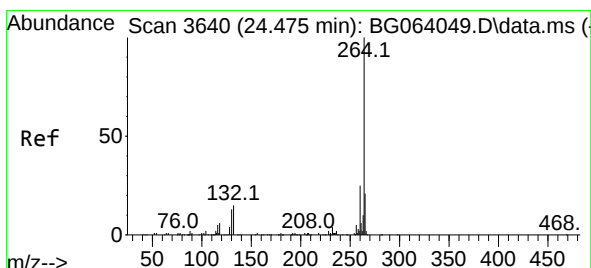
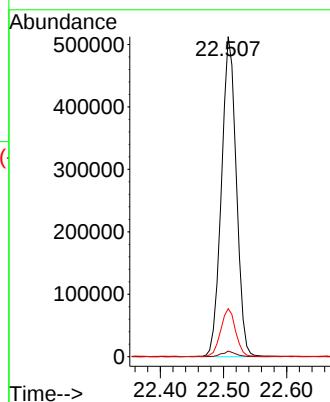
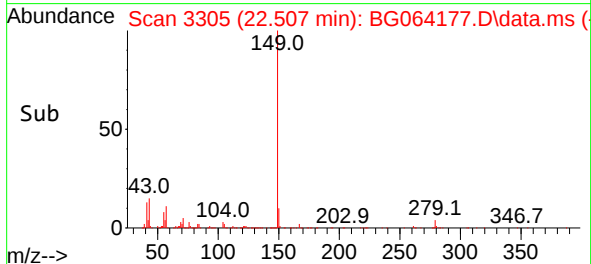
Instrument :
BNA_G
ClientSampleId :
PB167445BS



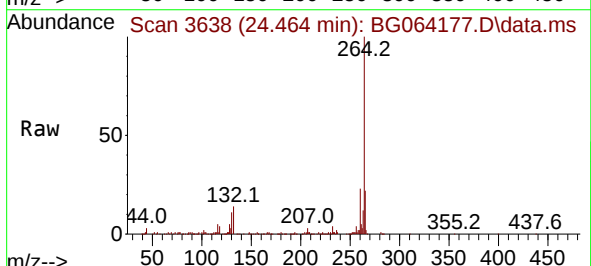
Tgt Ion:149 Resp: 83756
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.0 12.6 19.0

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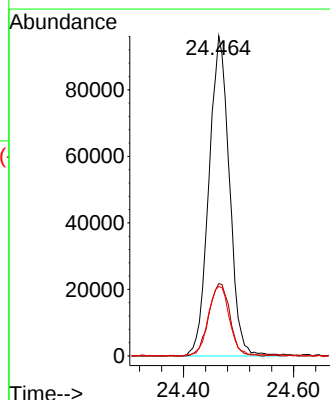
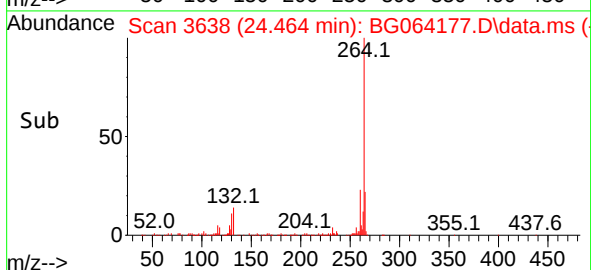
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

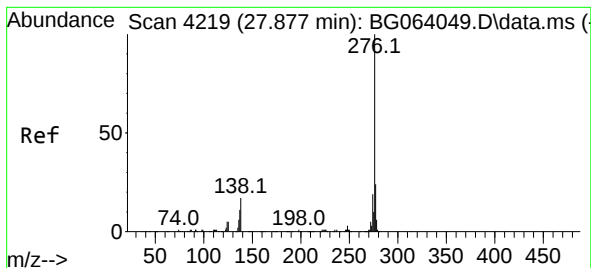


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.464 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00



Tgt Ion:264 Resp: 248435
Ion Ratio Lower Upper
264 100
260 22.6 19.6 29.4
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.965 ng

RT: 27.860 min Scan# 4216

Delta R.T. -0.017 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

Tgt Ion:276 Resp: 93026

Ion Ratio Lower Upper

276 100

138 19.8 12.1 18.1

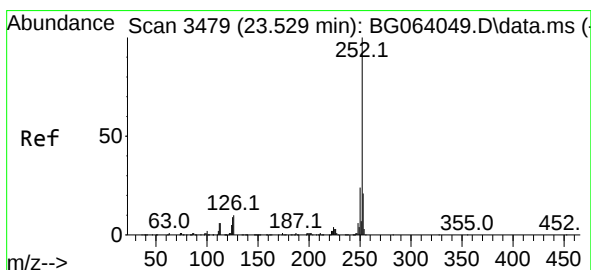
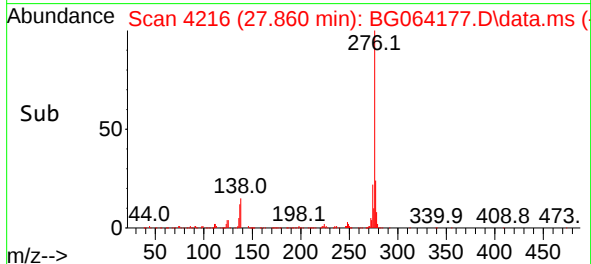
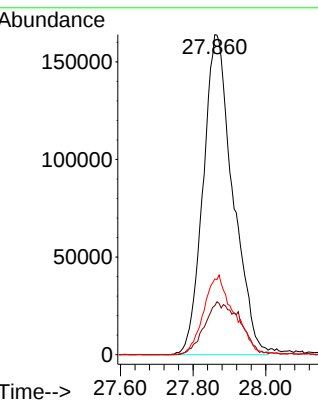
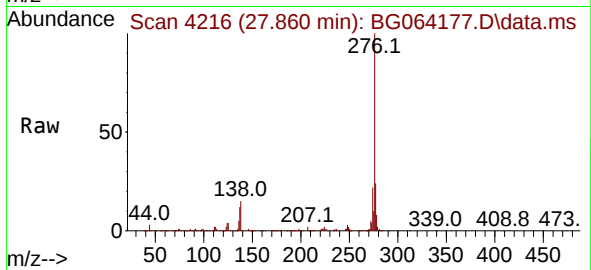
277 25.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#88

Benzo(b)fluoranthene

Concen: 50.994 ng

RT: 23.518 min Scan# 3477

Delta R.T. -0.011 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

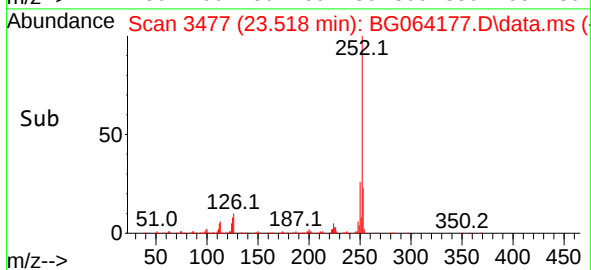
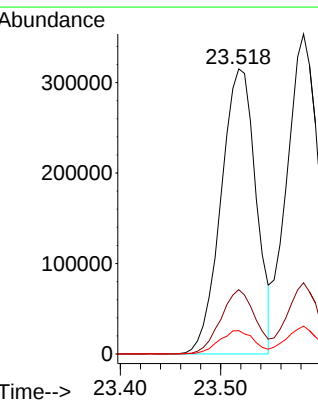
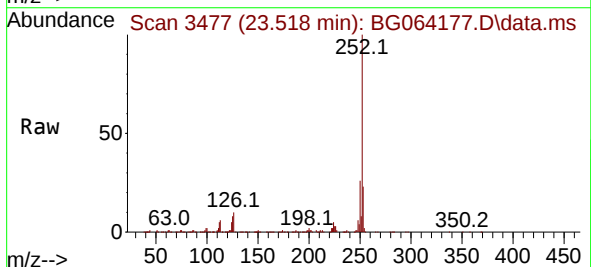
Tgt Ion:252 Resp: 765862

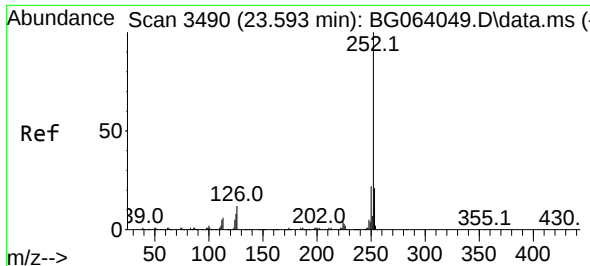
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 8.2 7.4 11.2





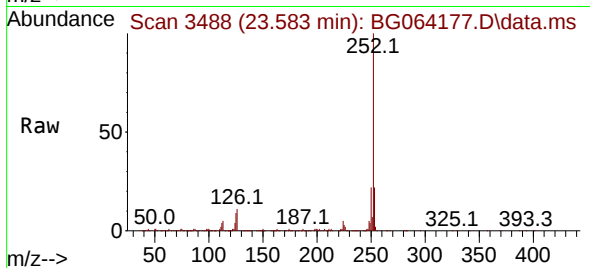
#89
Benzo(k)fluoranthene
Concen: 51.582 ng
RT: 23.583 min Scan# 3490
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

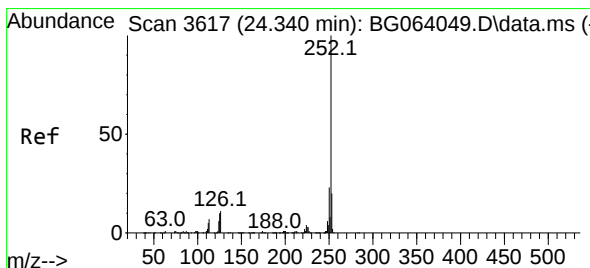
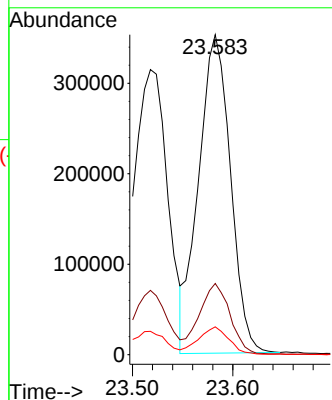
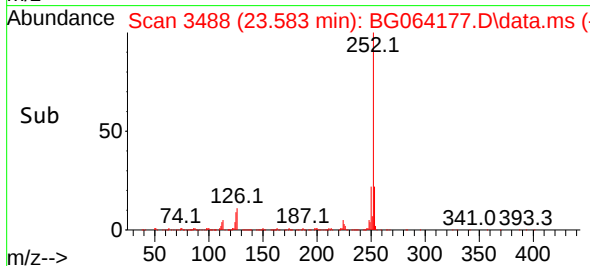


Tgt Ion:252 Resp: 77718
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 8.7 6.9 10.3

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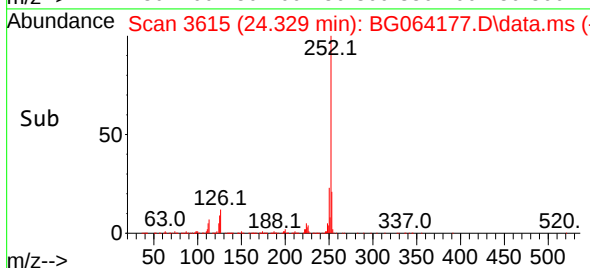
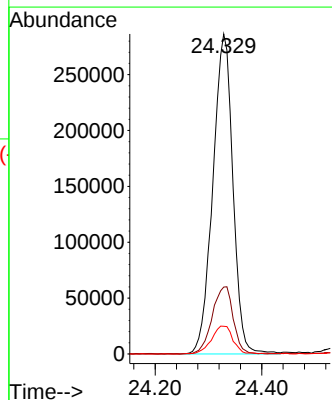
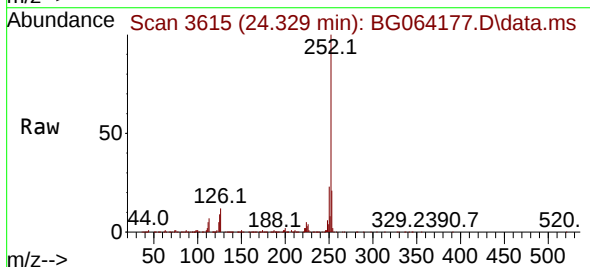
APPROVED

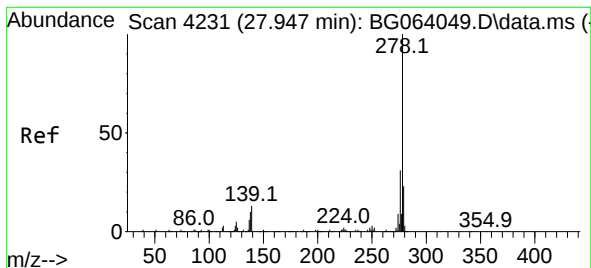
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#90
Benzo(a)pyrene
Concen: 55.856 ng
RT: 24.329 min Scan# 3615
Delta R.T. -0.011 min
Lab File: BG064177.D
Acq: 3 Apr 2025 22:00

Tgt Ion:252 Resp: 747104
Ion Ratio Lower Upper
252 100
253 20.9 16.2 24.2
125 8.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.892 ng

RT: 27.924 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Instrument :

BNA_G

ClientSampleId :

PB167445BS

Tgt Ion:278 Resp: 75644

Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.2

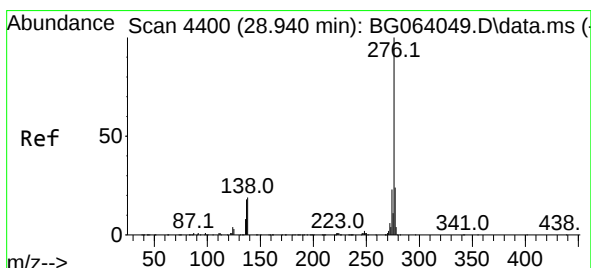
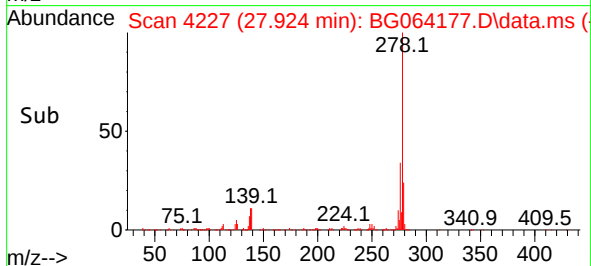
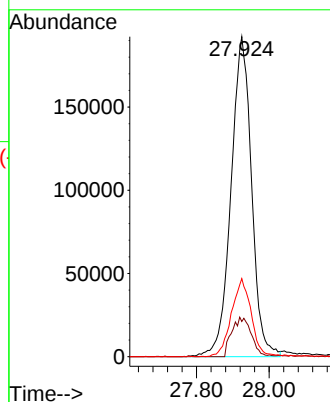
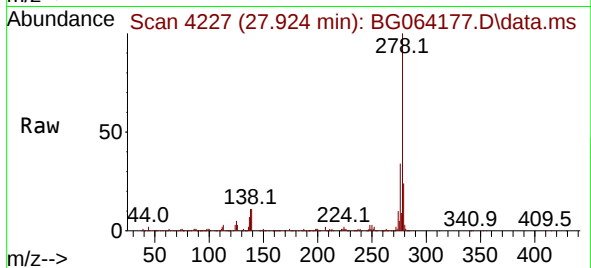
279 24.4 18.1 27.1

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 52.209 ng

RT: 28.923 min Scan# 4397

Delta R.T. -0.017 min

Lab File: BG064177.D

Acq: 3 Apr 2025 22:00

Tgt Ion:276 Resp: 738687

Ion Ratio Lower Upper

276 100

277 22.1 19.5 29.3

138 16.1 15.4 23.0

