

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064549.D
 Acq On : 20 Oct 2025 14:25
 Operator : RC/JU
 Sample : PB170165BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	13636	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	56148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	44549	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	109767	20.000	ng	0.00
76) Chrysene-d12	21.423	240	115066	20.000	ng	# 0.01
86) Perylene-d12	24.407	264	122784	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	80542	109.312	ng	0.00
7) Phenol-d6	7.004	99	124074	125.308	ng	0.02
23) Nitrobenzene-d5	8.973	82	87220	83.526	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	109226	135.262	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	250135	82.763	ng	0.00
79) Terphenyl-d14	19.807	244	523971	86.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	8665	29.732	ng	94
3) Pyridine	3.708	79	17360	22.164	ng	# 85
4) n-Nitrosodimethylamine	3.620	42	20816	36.660	ng	85
6) Aniline	7.145	93	40496	32.424	ng	97
8) 2-Chlorophenol	7.386	128	40444	44.701	ng	96
9) Benzaldehyde	6.957	77	16529	18.806	ng	92
10) Phenol	7.034	94	46653	44.664	ng	96
11) bis(2-Chloroethyl)ether	7.245	93	28699	40.572	ng	83
12) 1,3-Dichlorobenzene	7.709	146	42363	42.802	ng	95
13) 1,4-Dichlorobenzene	7.850	146	42566	42.852	ng	96
14) 1,2-Dichlorobenzene	8.168	146	43365	44.295	ng	95
15) Benzyl Alcohol	8.062	79	40960	44.919	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.338	45	40117	35.184	ng	97
17) 2-Methylphenol	8.267	107	34669	45.837	ng	95
18) Hexachloroethane	8.890	117	15340	39.124	ng	89
19) n-Nitroso-di-n-propyla...	8.626	70	27125	40.962	ng	94
20) 3+4-Methylphenols	8.597	107	46606	44.156	ng	93
22) Acetophenone	8.638	105	67129	49.378	ng	98
24) Nitrobenzene	9.014	77	45428	43.626	ng	97
25) Isophorone	9.542	82	80259	42.427	ng	# 94
26) 2-Nitrophenol	9.725	139	22785	43.964	ng	98
27) 2,4-Dimethylphenol	9.795	122	41510	52.440	ng	94
28) bis(2-Chloroethoxy)met...	10.018	93	43884	45.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	43133	47.121	ng	96
30) 1,2,4-Trichlorobenzene	10.471	180	47728	47.820	ng	90
31) Naphthalene	10.659	128	129701	44.858	ng	98
32) Benzoic acid	9.977	122	28536	46.954	ng	90
33) 4-Chloroaniline	10.770	127	30068	27.100	ng	95
34) Hexachlorobutadiene	10.941	225	40500	47.382	ng	98
35) Caprolactam	11.552	113	14581	46.530	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	53322	47.901	ng	93
37) 2-Methylnaphthalene	12.269	142	89977	40.540	ng	98
38) 1-Methylnaphthalene	12.486	142	93890m	42.425	ng	
40) 1,2,4,5-Tetrachloroben...	12.639	216	69550	48.352	ng	96
41) Hexachlorocyclopentadiene	12.615	237	95619	127.082	ng	94
43) 2,4,6-Trichlorophenol	12.886	196	41251	44.862	ng	96

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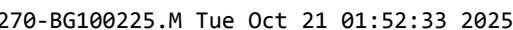
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.962	196	48664	47.405	ng	98
46) 1,1'-Biphenyl	13.279	154	157453	49.141	ng	99
47) 2-Chloronaphthalene	13.320	162	103546	43.284	ng	96
48) 2-Nitroaniline	13.526	65	36668	44.910	ng	98
49) Acenaphthylene	14.172	152	182191	51.304	ng	96
50) Dimethylphthalate	13.914	163	157351	45.098	ng	97
51) 2,6-Dinitrotoluene	14.025	165	35055	48.230	ng	91
52) Acenaphthene	14.513	154	109342	44.318	ng	96
53) 3-Nitroaniline	14.360	138	21818	32.549	ng	91
54) 2,4-Dinitrophenol	14.572	184	41874	79.453	ng	94
55) Dibenzofuran	14.848	168	183269	44.988	ng	99
56) 4-Nitrophenol	14.684	139	46397	87.916	ng	87
57) 2,4-Dinitrotoluene	14.819	165	52347	47.114	ng	93
58) Fluorene	15.494	166	157870	46.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	49925	47.653	ng	99
60) Diethylphthalate	15.271	149	171377	45.787	ng	98
61) 4-Chlorophenyl-phenyle...	15.488	204	83977	45.419	ng	98
62) 4-Nitroaniline	15.524	138	32377	46.343	ng	90
63) Azobenzene	15.782	77	133595	46.087	ng	99
65) 4,6-Dinitro-2-methylph...	15.582	198	35846	46.902	ng	95
66) n-Nitrosodiphenylamine	15.706	169	136800	46.670	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	59795	46.292	ng	90
68) Hexachlorobenzene	16.499	284	69283	46.874	ng	97
69) Atrazine	16.658	200	62655	48.044	ng	96
70) Pentachlorophenol	16.852	266	83239	96.317	ng	97
71) Phenanthrene	17.233	178	261958	45.635	ng	98
72) Anthracene	17.322	178	268556	46.634	ng	97
73) Carbazole	17.598	167	233881	46.986	ng	98
74) Di-n-butylphthalate	18.156	149	278793	45.881	ng	99
75) Fluoranthene	19.243	202	312448	45.562	ng	98
77) Benzidine	19.431	184	81811	28.573	ng	99
78) Pyrene	19.607	202	319492	42.785	ng	99
80) Butylbenzylphthalate	20.500	149	121880	46.042	ng	97
81) Benzo(a)anthracene	21.399	228	337748	45.971	ng	98
82) 3,3'-Dichlorobenzidine	21.323	252	80327	32.303	ng	# 98
83) Chrysene	21.464	228	304625	43.720	ng	98
84) Bis(2-ethylhexyl)phtha...	21.323	149	172602	46.213	ng	95
85) Di-n-octyl phthalate	22.445	149	288601	45.976	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	397838	46.550	ng	# 90
88) Benzo(b)fluoranthene	23.467	252	333073	47.683	ng	98
89) Benzo(k)fluoranthene	23.526	252	323651	46.004	ng	97
90) Benzo(a)pyrene	24.266	252	316286	49.130	ng	100
91) Dibenzo(a,h)anthracene	27.827	278	332998	48.721	ng	# 94
92) Benzo(g,h,i)perylene	28.820	276	319167	48.053	ng	97

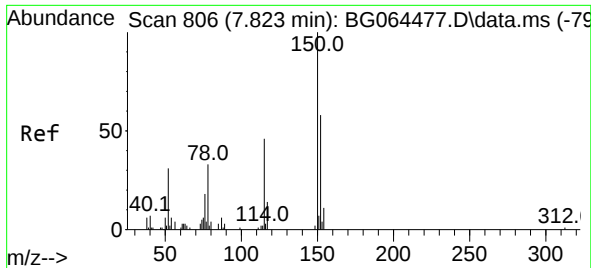
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Manual Integrations

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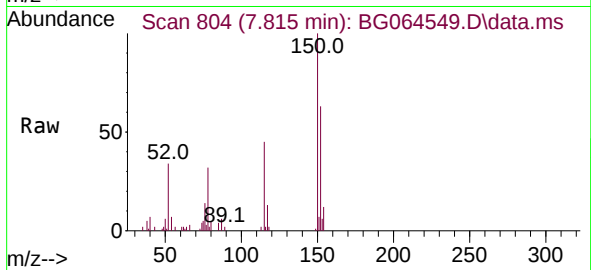
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.815 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

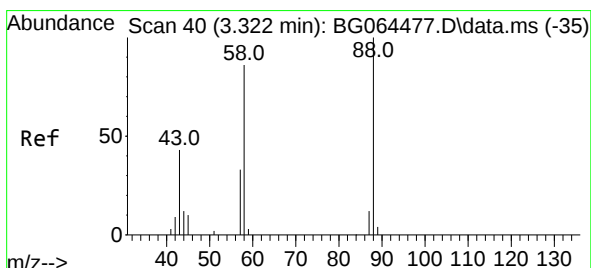
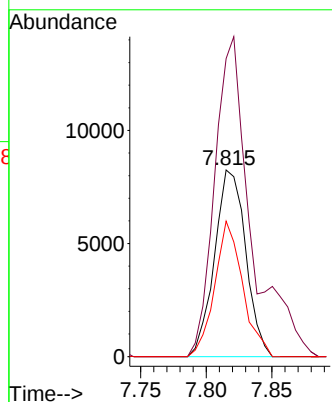
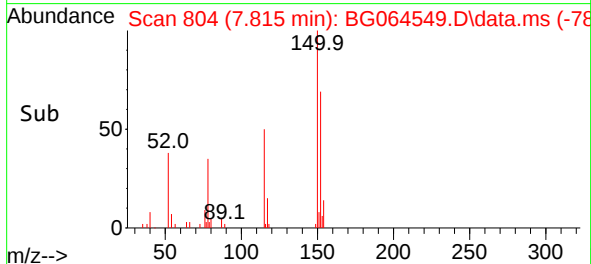
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS



Tgt Ion:152 Resp: 13636
 Ion Ratio Lower Upper
 152 100
 150 159.7 138.6 207.8
 115 72.6 63.4 95.2

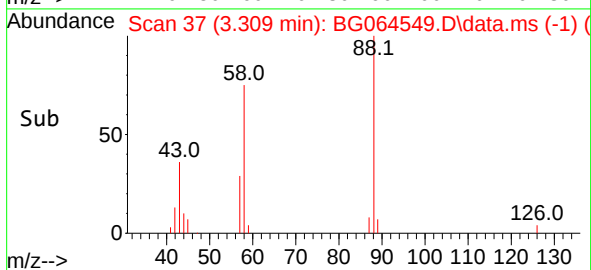
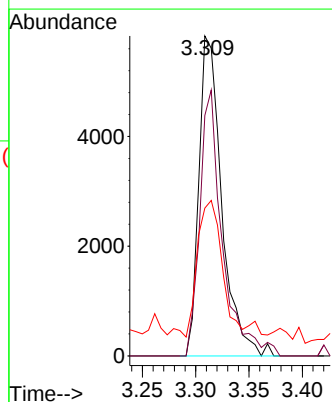
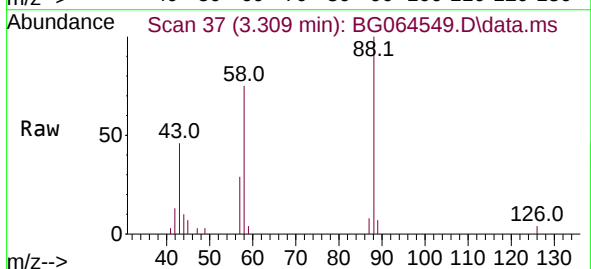
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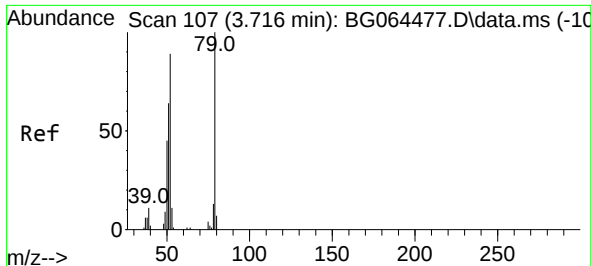
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 Supervised By :Jagrut Upadhyay 10/21/2025



#2
 1,4-Dioxane
 Concen: 29.732 ng
 RT: 3.309 min Scan# 37
 Delta R.T. -0.011 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

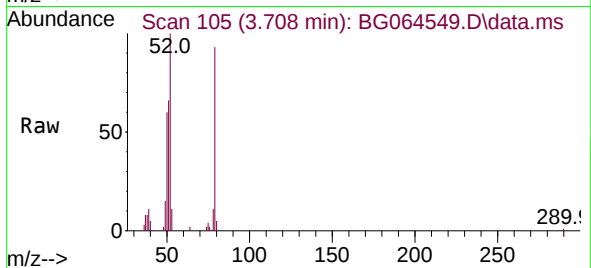
Tgt Ion: 88 Resp: 8665
 Ion Ratio Lower Upper
 88 100
 58 82.1 69.8 104.6
 43 50.7 37.4 56.0





#3
Pyridine
Concen: 22.164 ng
RT: 3.708 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

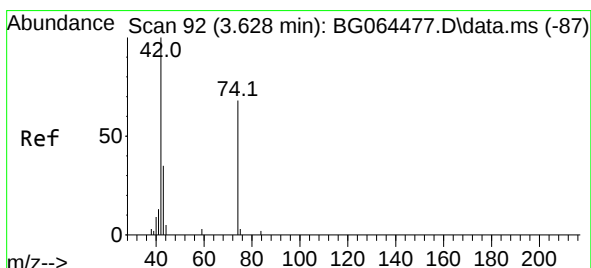
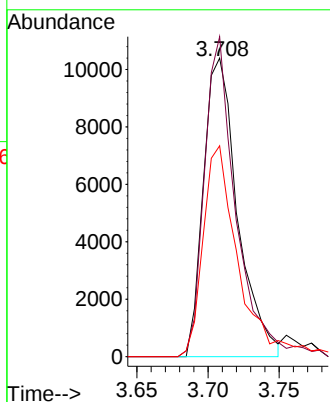
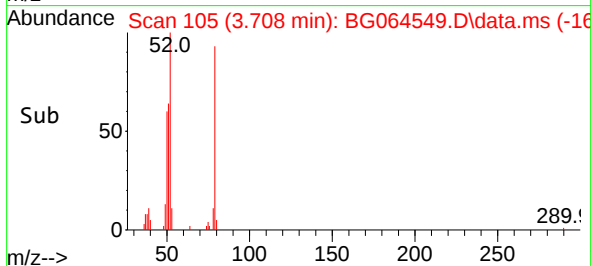
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 17360
Ion Ratio Lower Upper
79 100
52 107.2 71.0 106.4
51 70.6 51.0 76.6

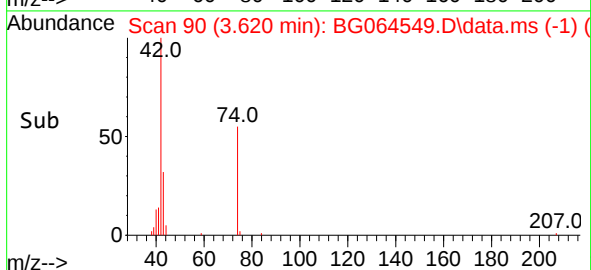
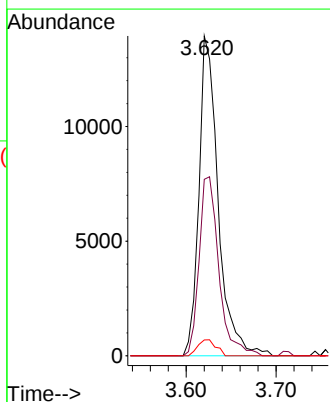
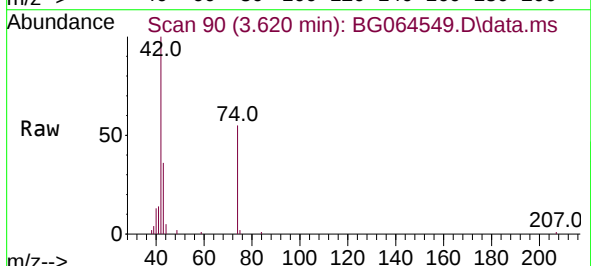
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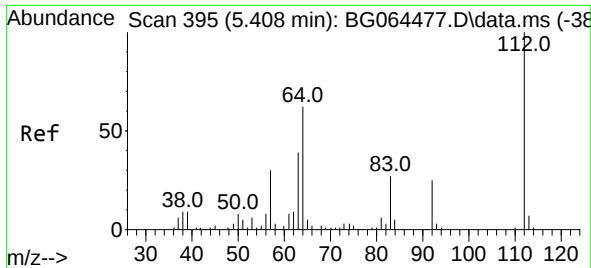
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Supervised By :Jagrut Upadhyay 10/21/2025



#4
n-Nitrosodimethylamine
Concen: 36.660 ng
RT: 3.620 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 42 Resp: 20816
Ion Ratio Lower Upper
42 100
74 55.2 54.2 81.4
44 5.0 4.2 6.2





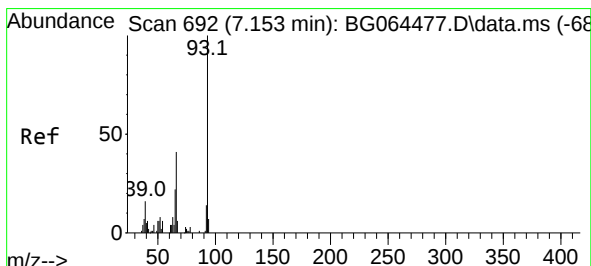
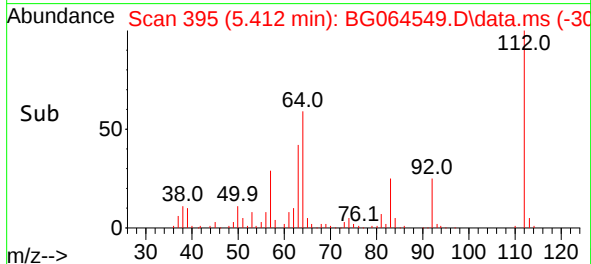
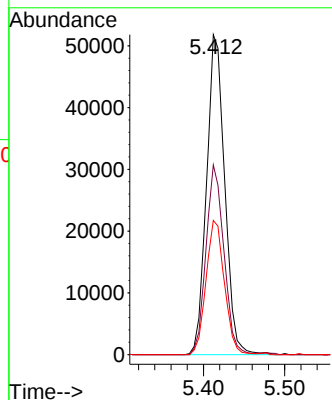
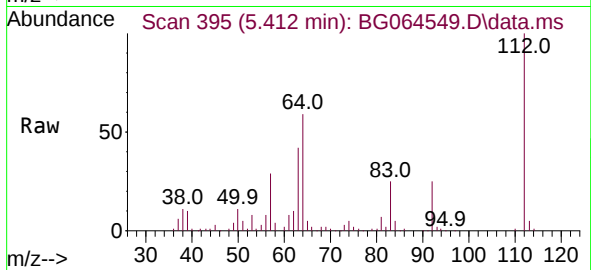
#5
2-Fluorophenol
Concen: 109.312 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:112 Resp: 80542
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.8
63 41.9 31.3 46.9

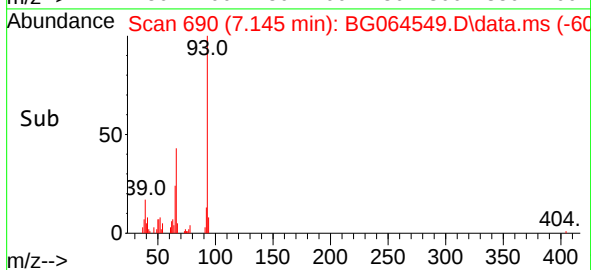
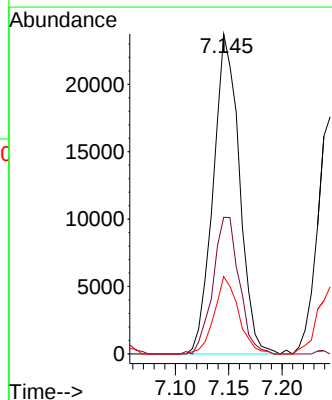
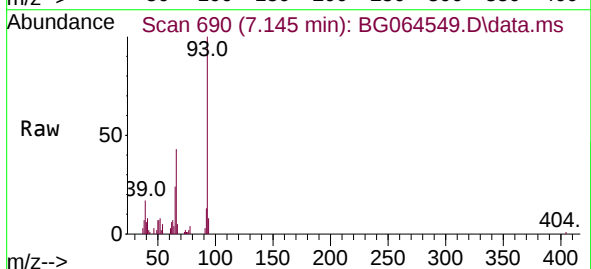
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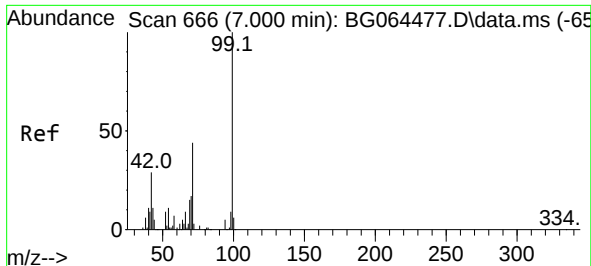
Reviewed By :Rahul Chavli 10/21/2025
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#6
Aniline
Concen: 32.424 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

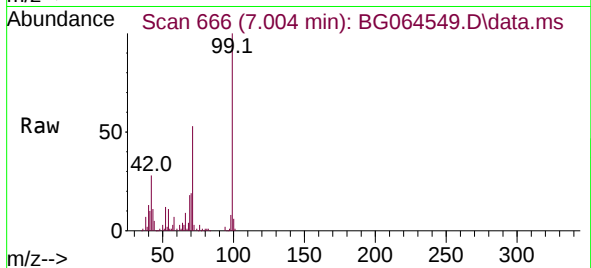
Tgt Ion: 93 Resp: 40496
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.4
65 24.2 17.5 26.3





#7
Phenol-d6
Concen: 125.308 ng
RT: 7.004 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

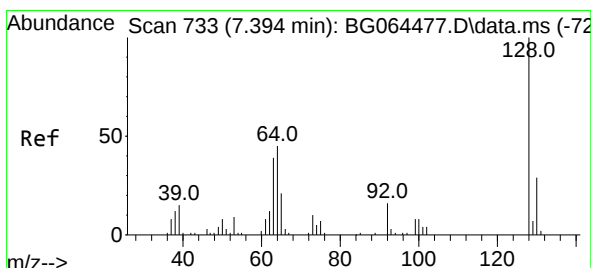
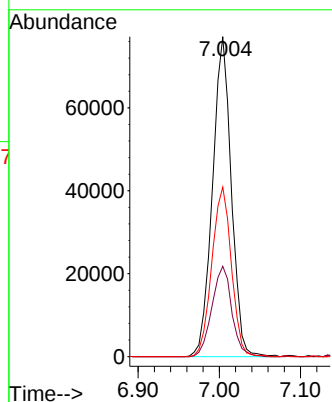
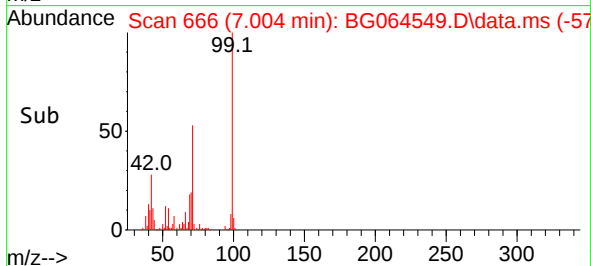
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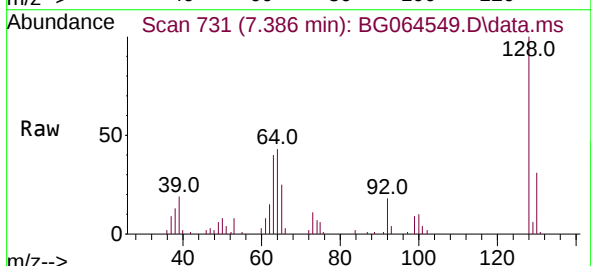
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Ion Ratio Lower Upper
99 100
42 28.2 22.9 34.3
71 53.0 35.4 53.2

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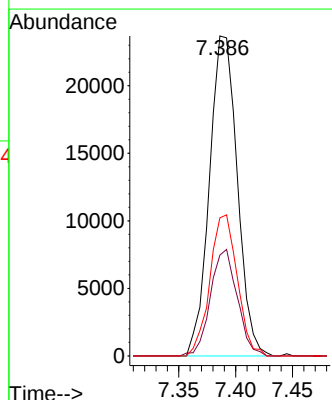
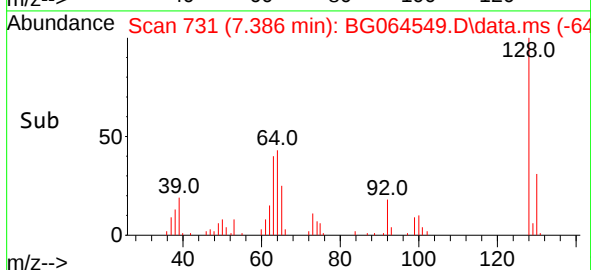
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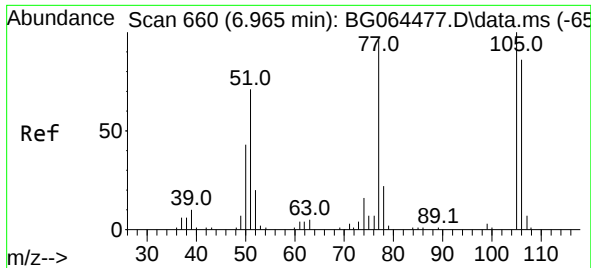


#8
2-Chlorophenol
Concen: 44.701 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:128 Resp: 40444
Ion Ratio Lower Upper
128 100
130 31.5 9.2 49.2
64 43.1 25.5 65.5





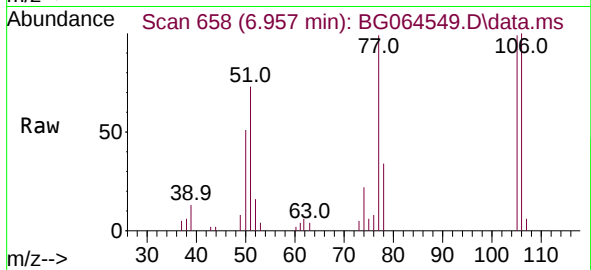
#9
Benzaldehyde
Concen: 18.806 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

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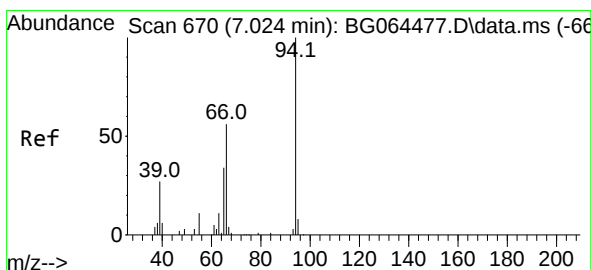
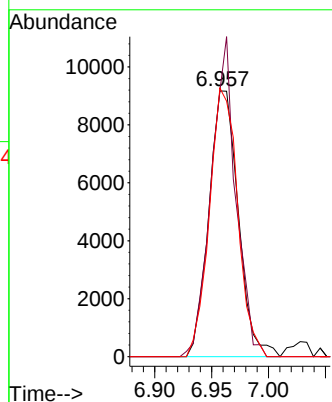
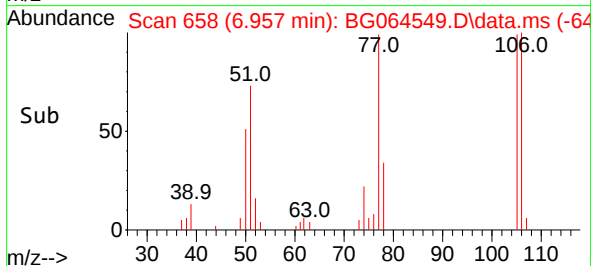
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Ion Ratio Lower Upper
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105 99.9 83.7 123.7
106 101.1 69.4 109.4

Manual Integrations

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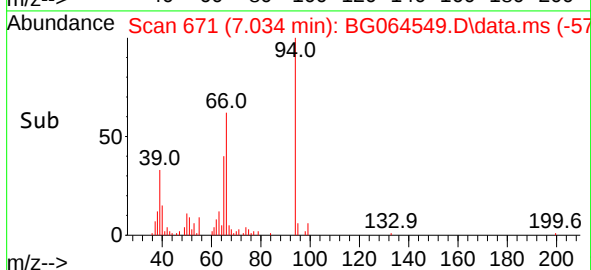
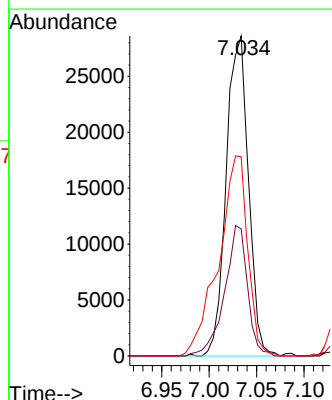
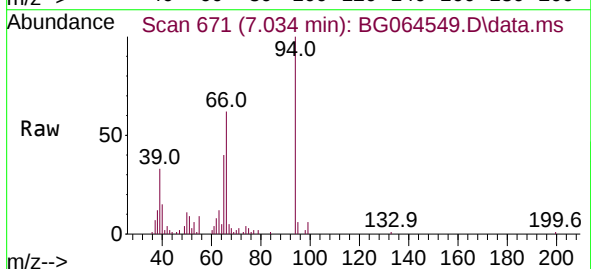
Reviewed By :Rahul Chavli 10/21/2025

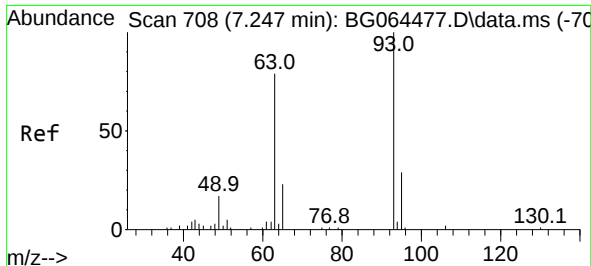
Supervised By :Jagrut Upadhyay 10/21/2025



#10
Phenol
Concen: 44.664 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

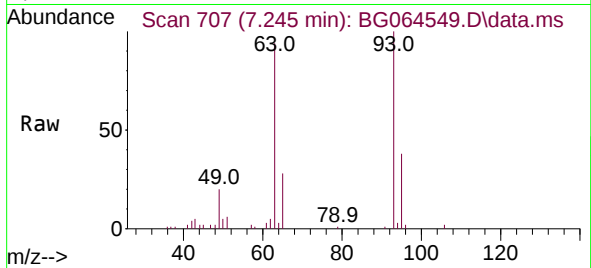
Tgt Ion: 94 Resp: 46653
Ion Ratio Lower Upper
94 100
65 39.7 14.8 54.8
66 62.2 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 40.572 ng
RT: 7.245 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

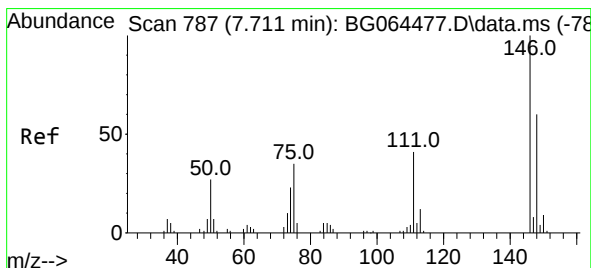
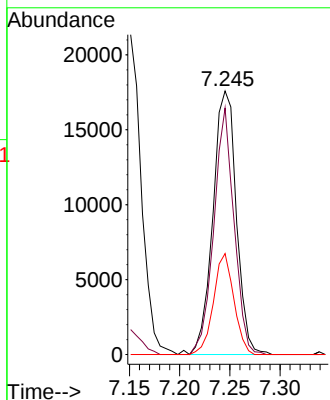
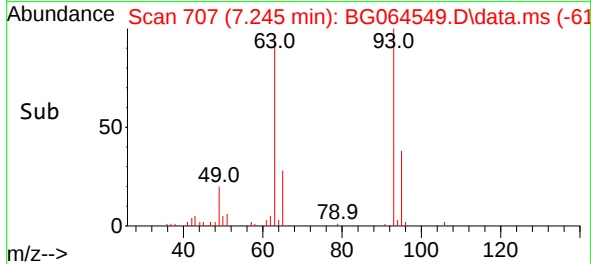
Instrument :
BNA_G
ClientSampleId :
PB170165BS



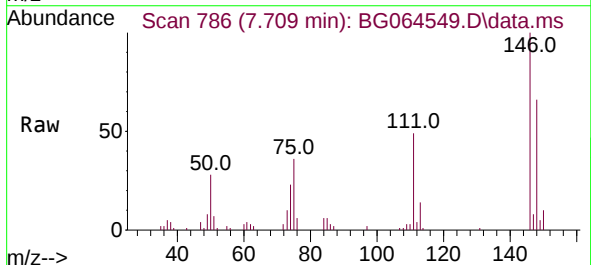
Tgt Ion: 93 Resp: 28699
Ion Ratio Lower Upper
93 100
63 93.6 59.5 99.5
95 38.4 8.8 48.8

Manual Integrations
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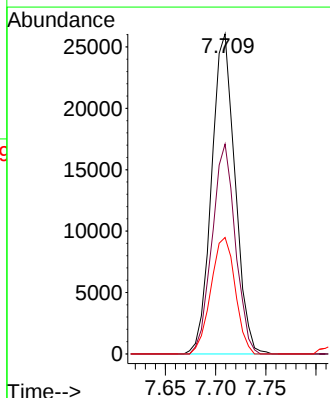
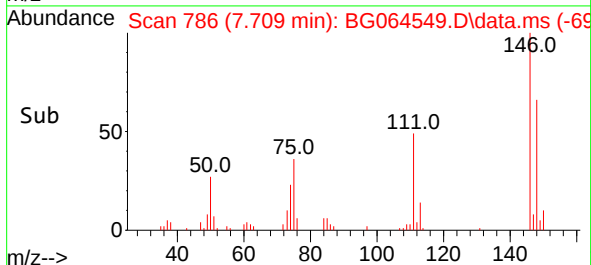
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

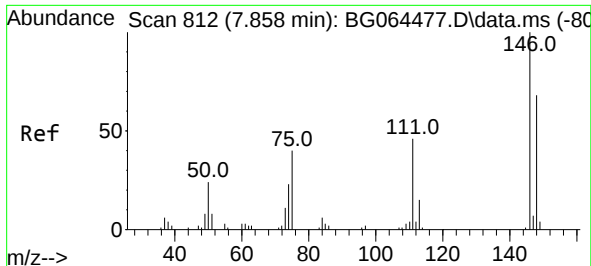


#12
1,3-Dichlorobenzene
Concen: 42.802 ng
RT: 7.709 min Scan# 786
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:146 Resp: 42363
Ion Ratio Lower Upper
146 100
148 65.6 48.4 72.6
75 36.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 42.852 ng

RT: 7.850 min Scan# 812

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

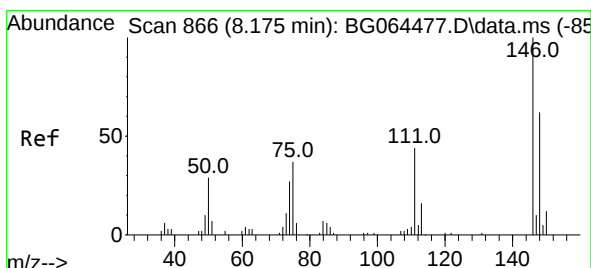
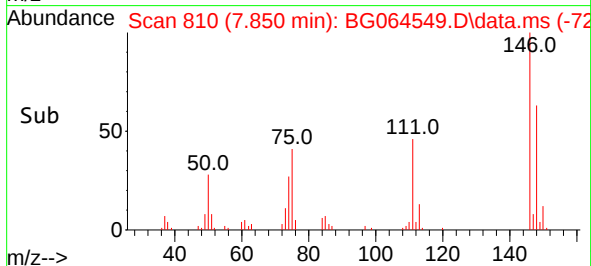
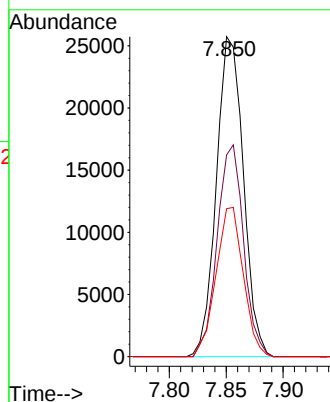
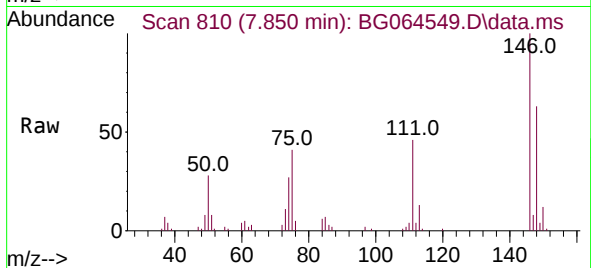
Tgt Ion:146 Resp: 42566
 Ion Ratio Lower Upper
 146 100
 148 63.0 54.4 81.6
 111 46.2 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 44.295 ng

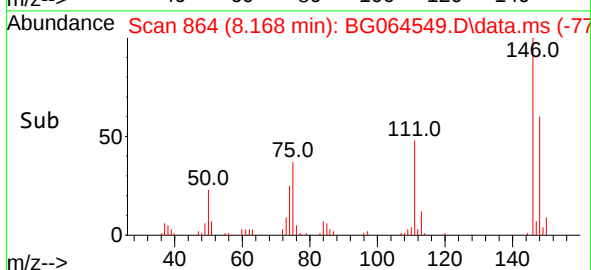
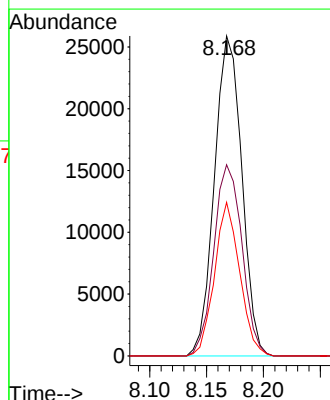
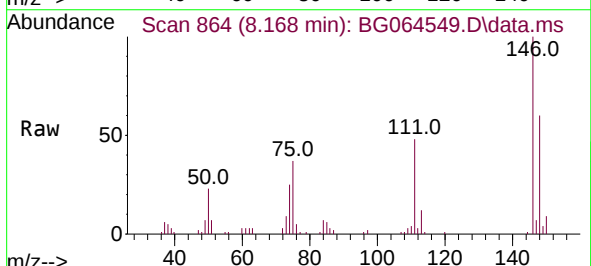
RT: 8.168 min Scan# 864

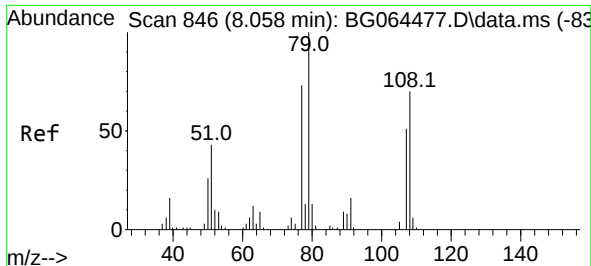
Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

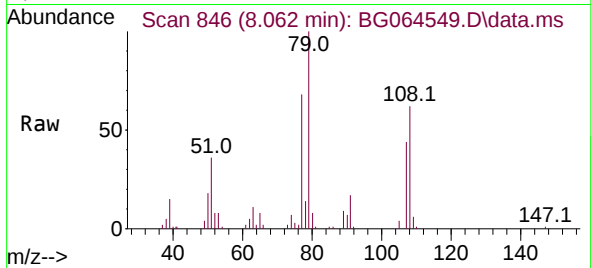
Tgt Ion:146 Resp: 43365
 Ion Ratio Lower Upper
 146 100
 148 59.7 50.0 75.0
 111 48.0 35.0 52.4





#15
Benzyl Alcohol
Concen: 44.919 ng
RT: 8.062 min Scan# 846
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

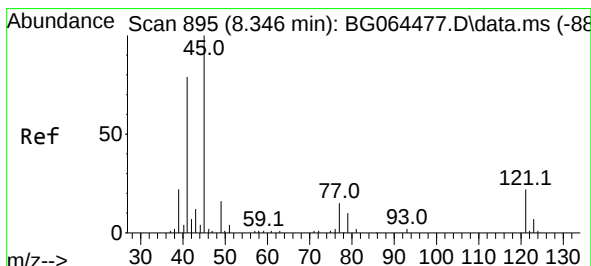
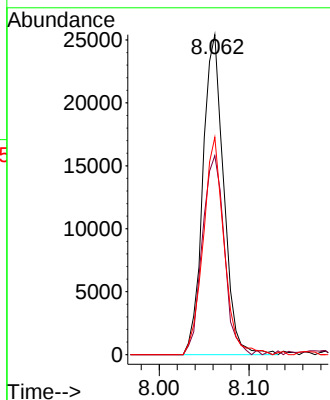
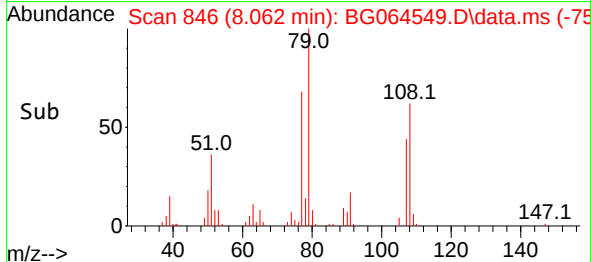
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion: 79 Resp: 40960
Ion Ratio Lower Upper
79 100
108 62.2 56.4 84.6
77 67.9 58.3 87.5

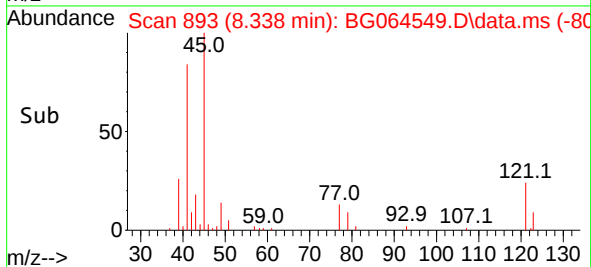
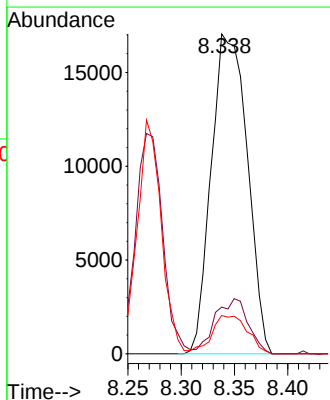
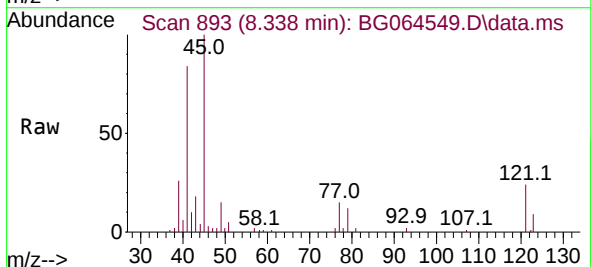
Manual Integrations
APPROVED

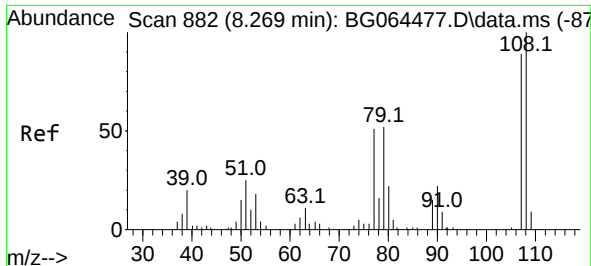
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.184 ng
RT: 8.338 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 45 Resp: 40117
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.6
79 12.0 0.0 30.7





#17
2-Methylphenol
Concen: 45.837 ng
RT: 8.267 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

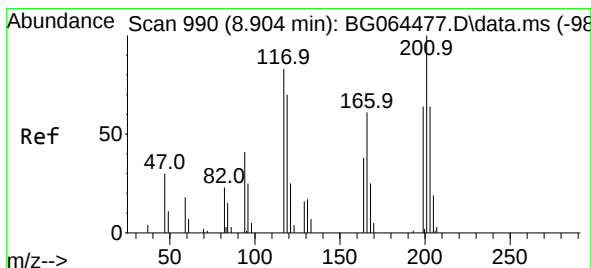
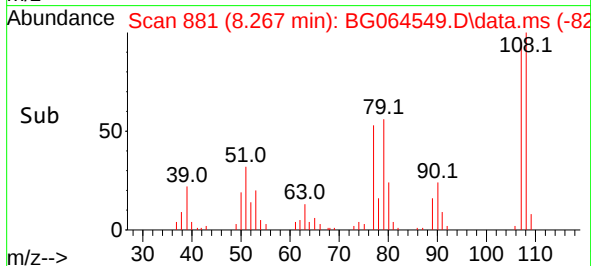
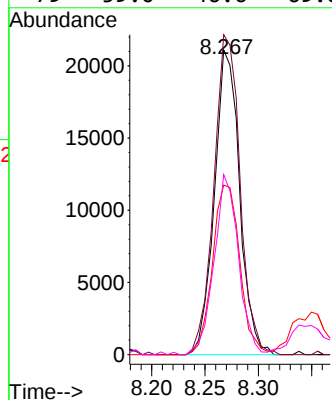
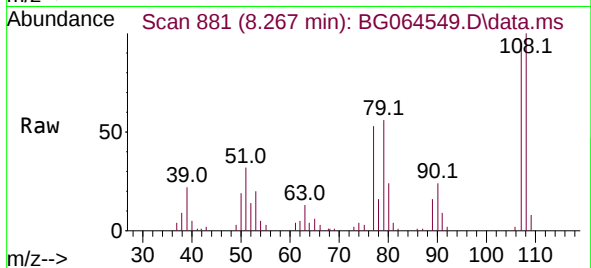
PB170165BS

Tgt Ion:107 Resp: 34669
Ion Ratio Lower Upper
107 100
108 105.0 90.3 135.5
77 55.7 46.0 69.0
79 59.0 46.6 69.8

Manual Integrations

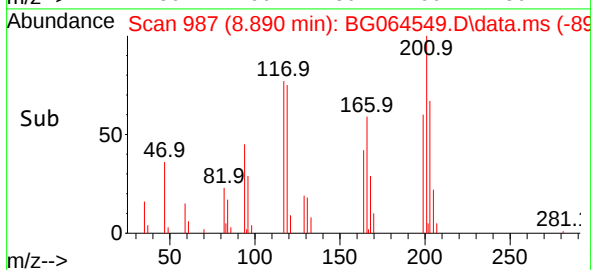
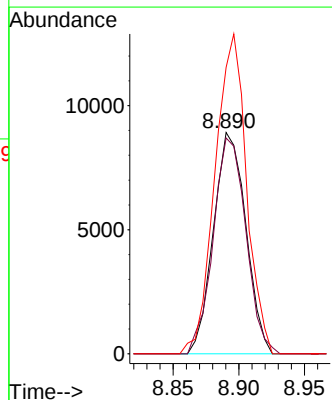
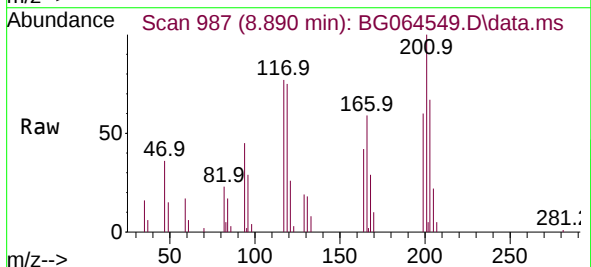
APPROVED

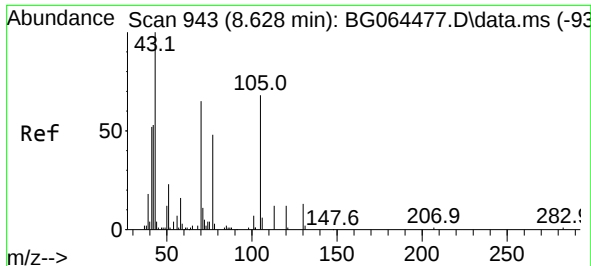
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#18
Hexachloroethane
Concen: 39.124 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

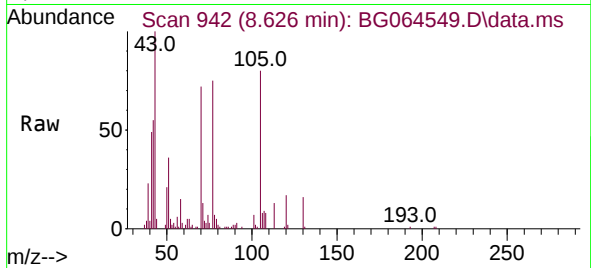
Tgt Ion:117 Resp: 15340
Ion Ratio Lower Upper
117 100
119 97.5 67.4 101.0
201 129.3 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.962 ng
RT: 8.626 min Scan# 943
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

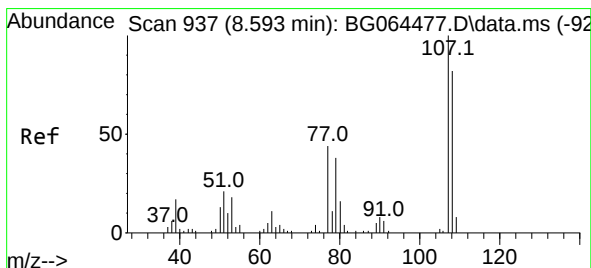
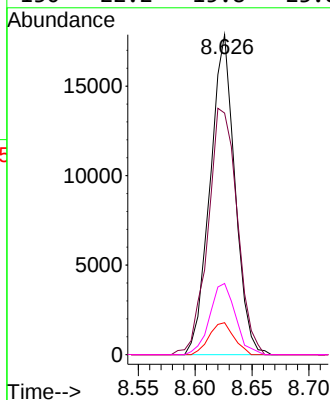
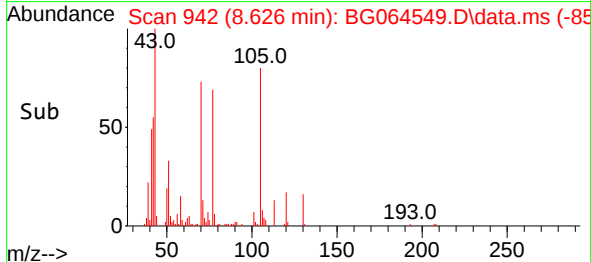
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion: 70 Resp: 27125
Ion Ratio Lower Upper
70 100
42 75.5 64.9 97.3
101 10.0 8.7 13.1
130 22.2 15.8 23.8

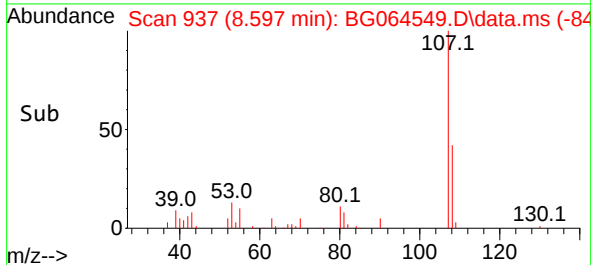
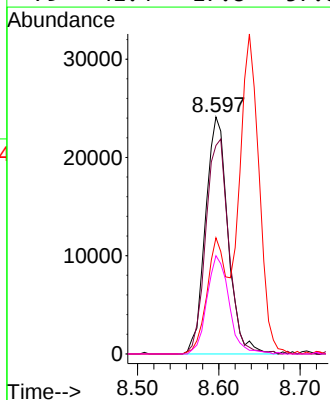
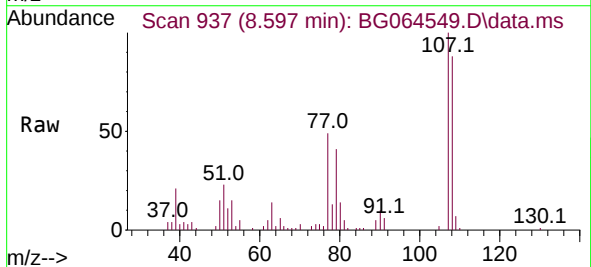
Manual Integrations
APPROVED

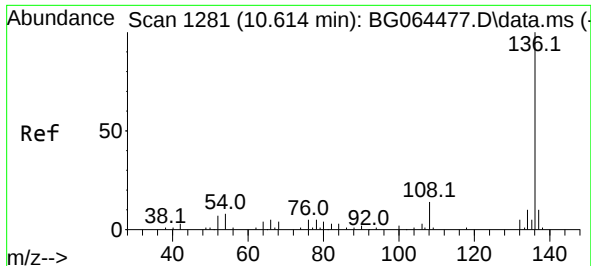
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 8.597 min Scan# 937
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

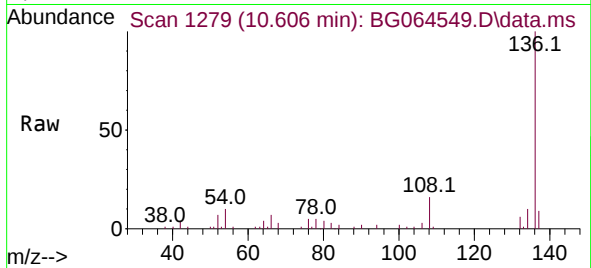
Tgt Ion:107 Resp: 46606
Ion Ratio Lower Upper
107 100
108 87.9 62.1 102.1
77 49.0 23.5 63.5
79 41.4 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

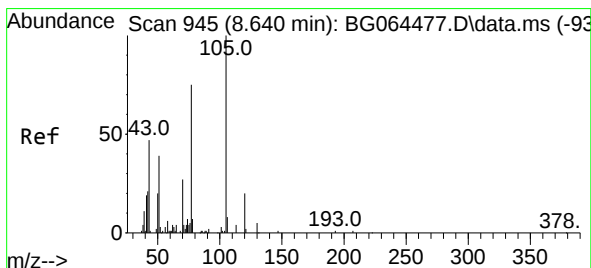
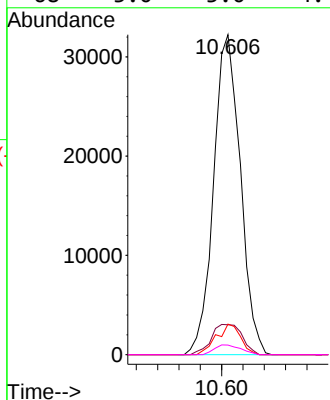
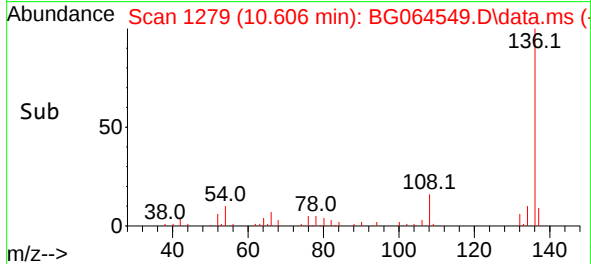


Tgt Ion:136 Resp: 56148

Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.3	12.5
54	9.5	6.2	9.4
68	3.0	3.0	4.4

Manual Integrations
APPROVED

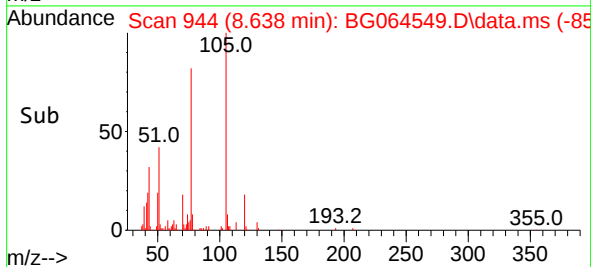
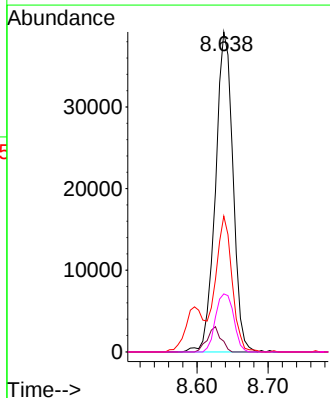
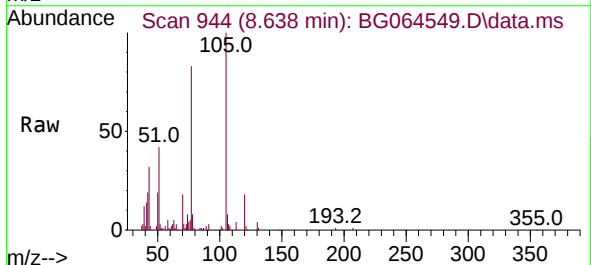
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

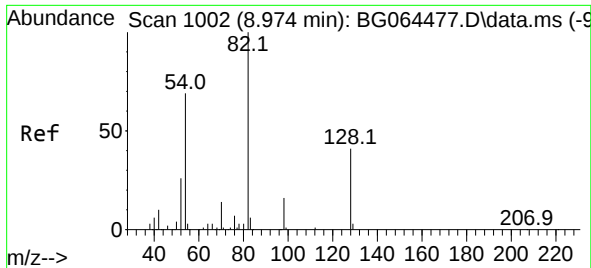


#22
Acetophenone
Concen: 49.378 ng
RT: 8.638 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:105 Resp: 67129

Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.8	4.2
51	42.4	33.0	49.4
120	18.1	15.8	23.6





#23
Nitrobenzene-d5
Concen: 83.526 ng
RT: 8.973 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

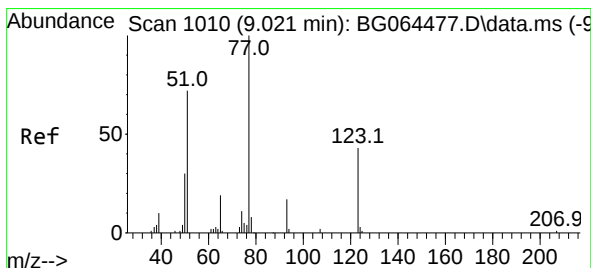
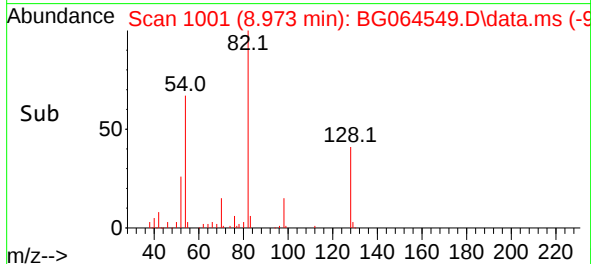
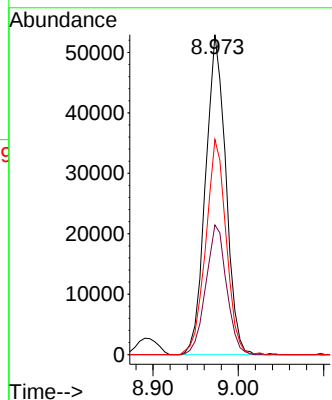
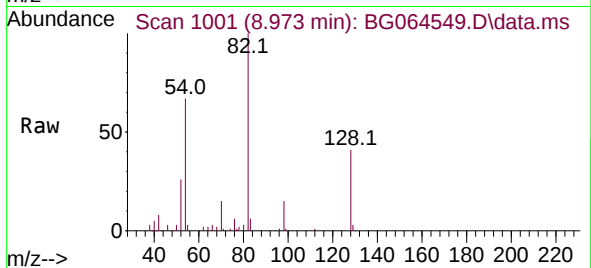
PB170165BS

Tgt Ion: 82 Resp: 87220
Ion Ratio Lower Upper
82 100
128 40.5 33.1 49.7
54 67.2 55.4 83.2

Manual Integrations

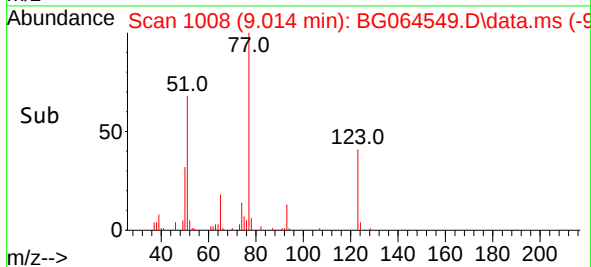
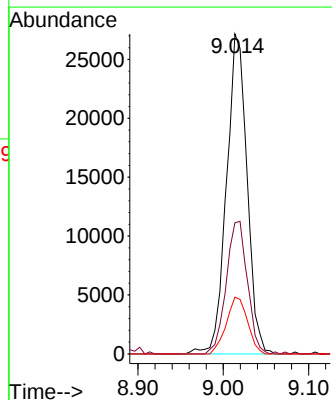
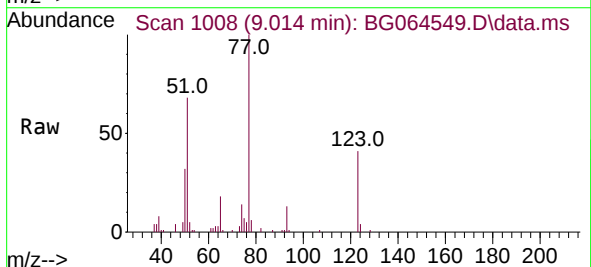
APPROVED

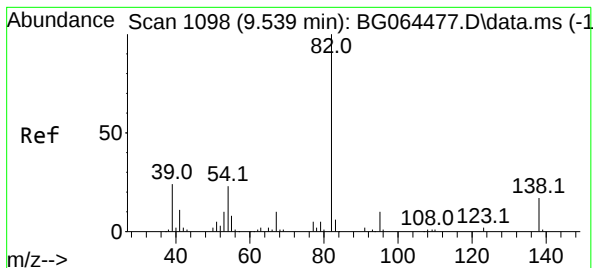
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#24
Nitrobenzene
Concen: 43.626 ng
RT: 9.014 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 77 Resp: 45428
Ion Ratio Lower Upper
77 100
123 41.0 34.4 51.6
65 17.7 14.8 22.2





#25

Isophorone

Concen: 42.427 ng

RT: 9.542 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

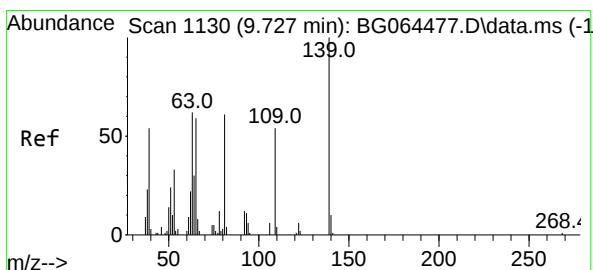
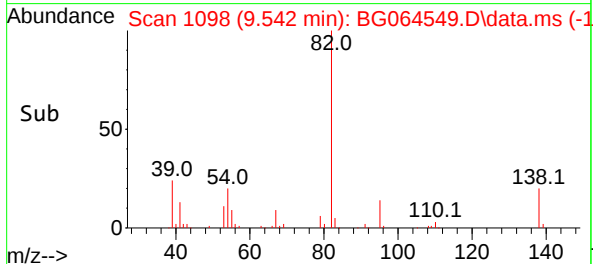
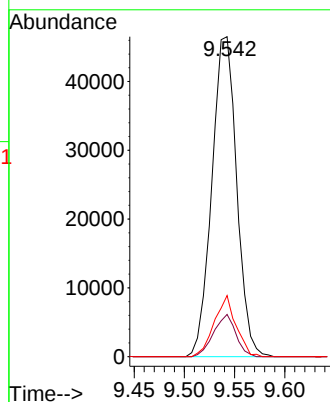
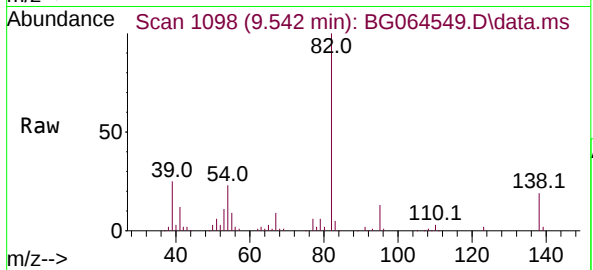
Tgt Ion: 82	Resp: 80259
Ion Ratio	Lower Upper
82 100	
95 13.2	7.8 11.8
138 19.1	13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#26

2-Nitrophenol

Concen: 43.964 ng

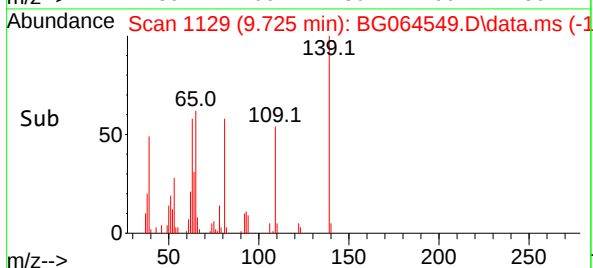
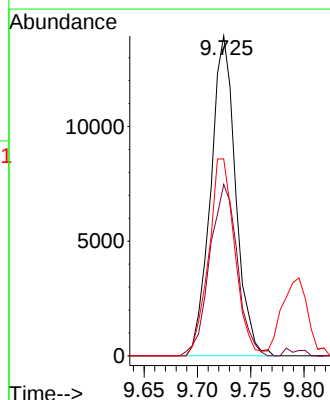
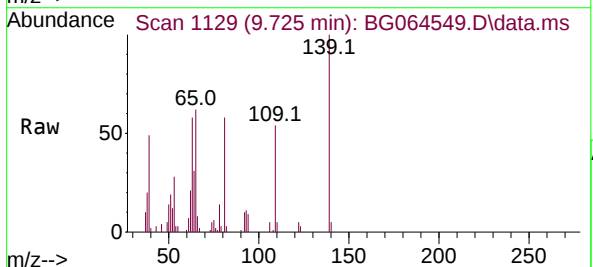
RT: 9.725 min Scan# 1129

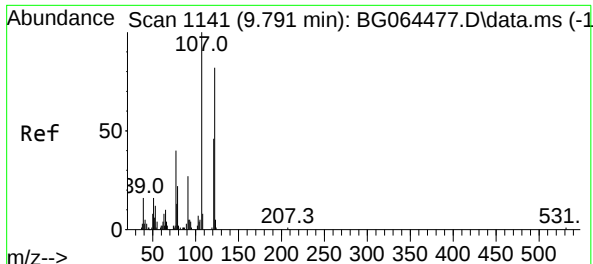
Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:139	Resp: 22785
Ion Ratio	Lower Upper
139 100	
109 53.6	43.0 64.6
65 61.6	47.4 71.2





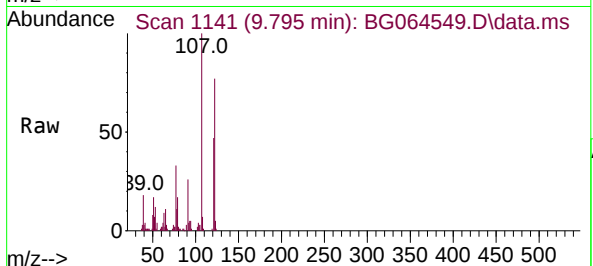
#27
2,4-Dimethylphenol
Concen: 52.440 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



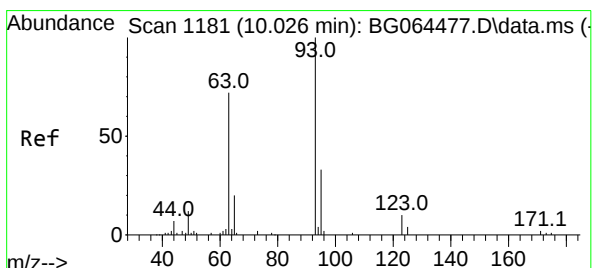
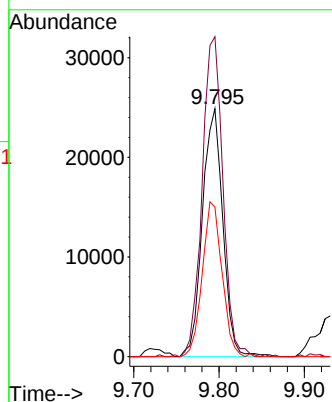
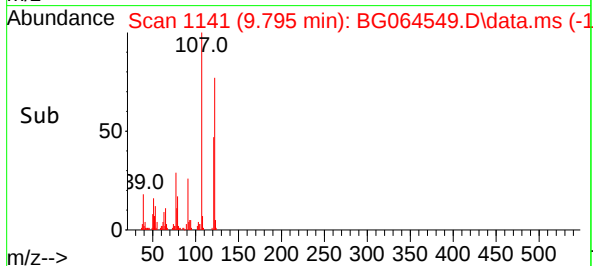
Tgt Ion:122 Resp: 41510
Ion Ratio Lower Upper
122 100
107 129.1 98.3 147.5
121 60.4 44.7 67.1

Manual Integrations

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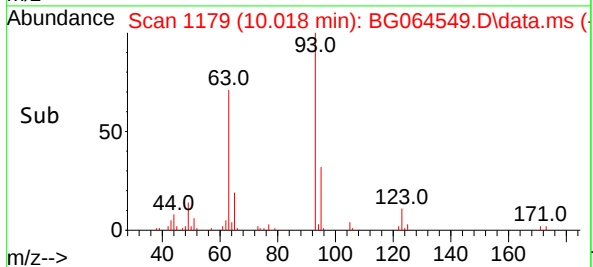
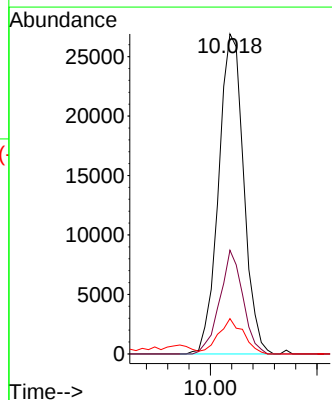
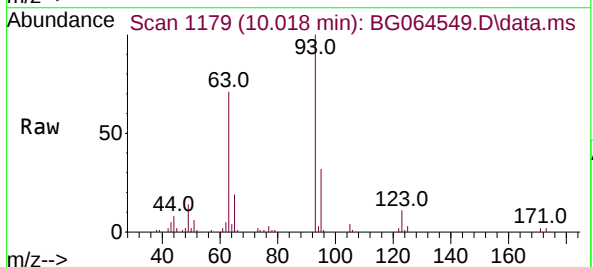
Reviewed By :Rahul Chavli 10/21/2025

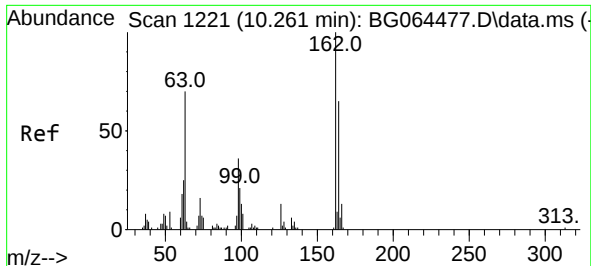
Supervised By :Jagrut Upadhyay 10/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.510 ng
RT: 10.018 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 43884
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.121 ng

RT: 10.265 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

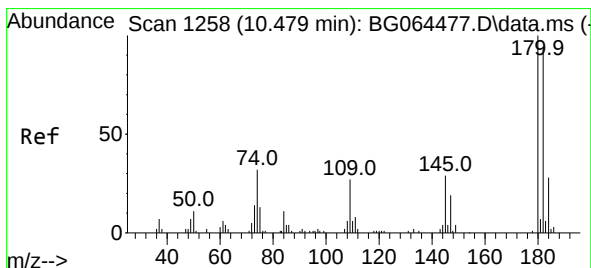
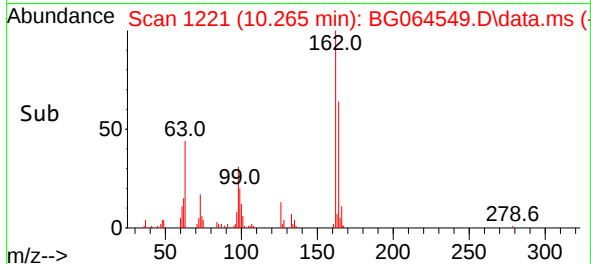
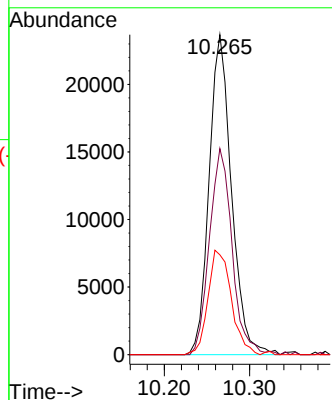
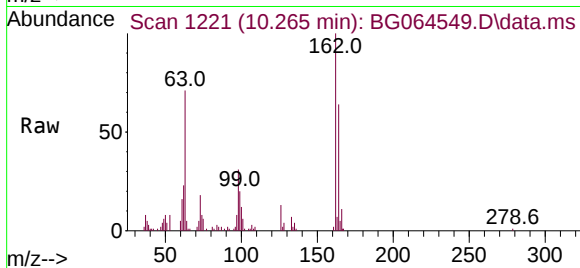
Tgt Ion:	162	Resp:	43133
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.4	85.4
98	31.2	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.820 ng

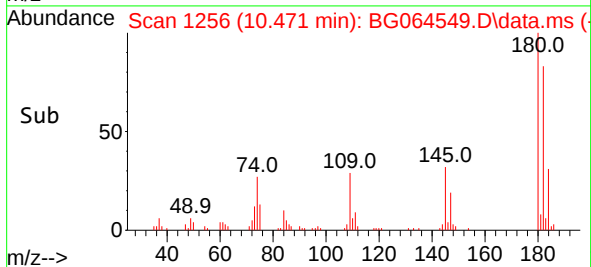
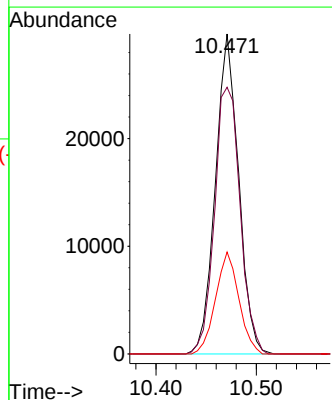
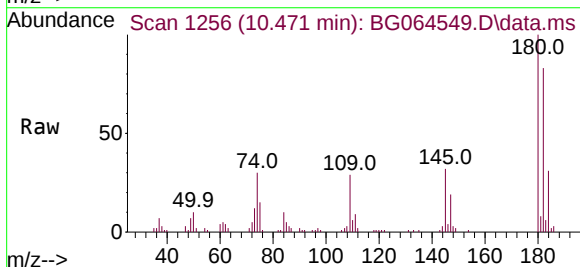
RT: 10.471 min Scan# 1256

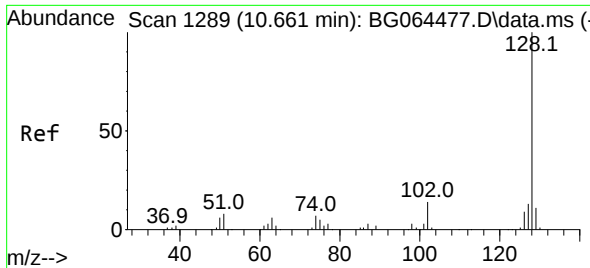
Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

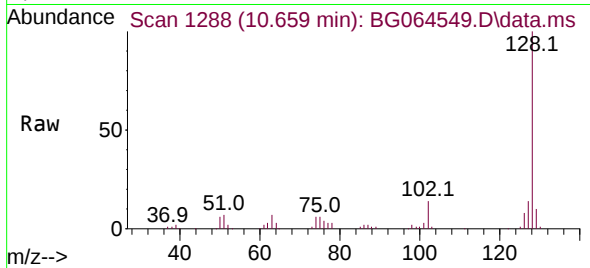
Tgt Ion:	180	Resp:	47728
Ion Ratio	Lower	Upper	
180	100		
182	83.3	75.4	113.2
145	31.8	23.2	34.8





#31
Naphthalene
Concen: 44.858 ng
RT: 10.659 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

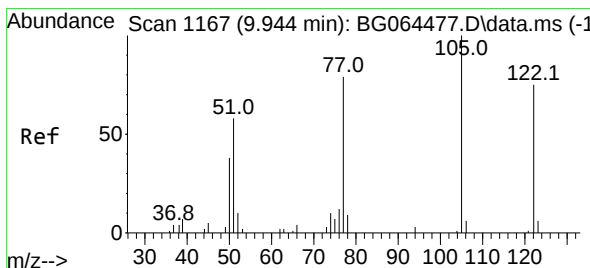
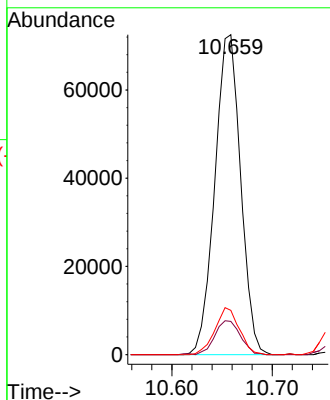
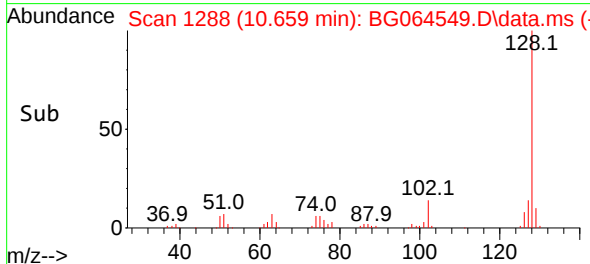
Instrument :
BNA_G
ClientSampleId :
PB170165BS



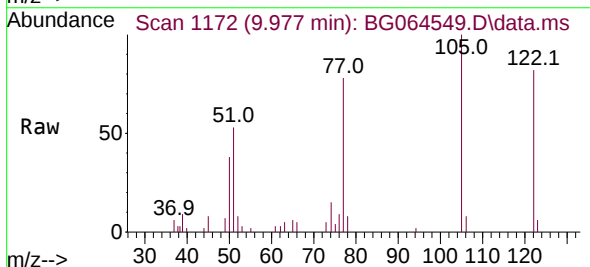
Tgt Ion:128 Resp: 12970
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.8 10.2 15.2

Manual Integrations
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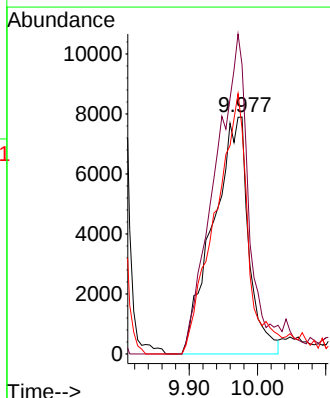
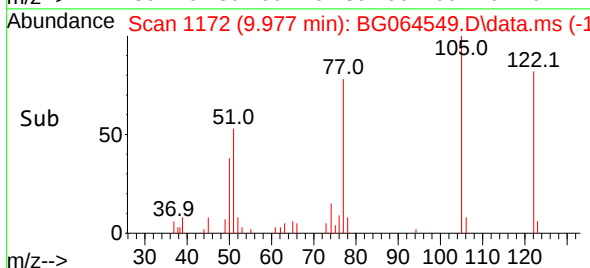
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

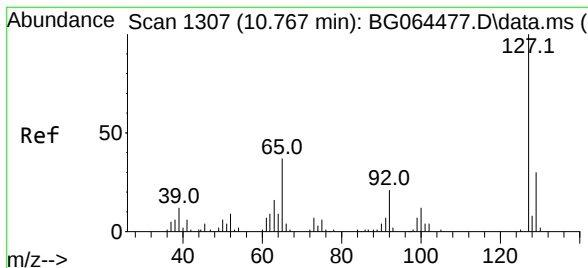


#32
Benzoic acid
Concen: 46.954 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.089 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:122 Resp: 28536
Ion Ratio Lower Upper
122 100
105 122.0 113.9 153.9
77 95.1 86.1 126.1





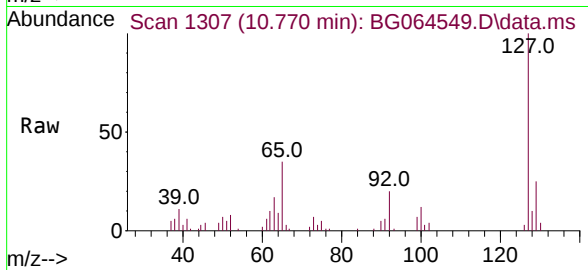
#33
4-Chloroaniline
Concen: 27.100 ng
RT: 10.770 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



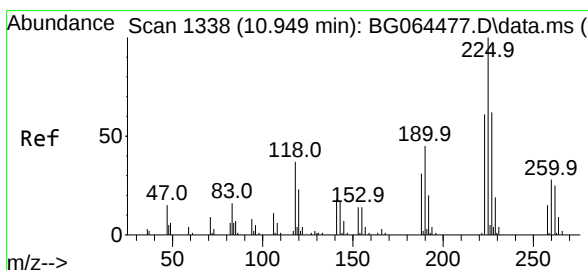
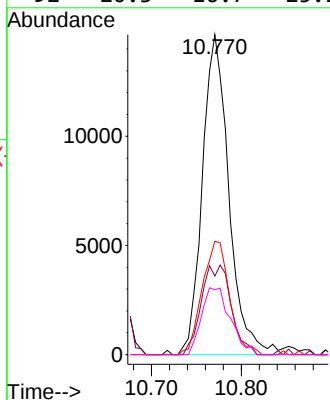
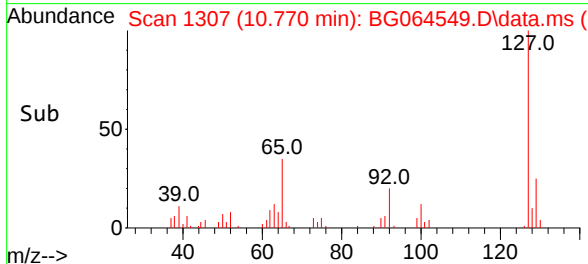
Tgt Ion:127 Resp: 30068
Ion Ratio Lower Upper
127 100
129 24.5 24.2 36.4
65 35.4 29.6 44.4
92 20.3 16.7 25.1

Manual Integrations

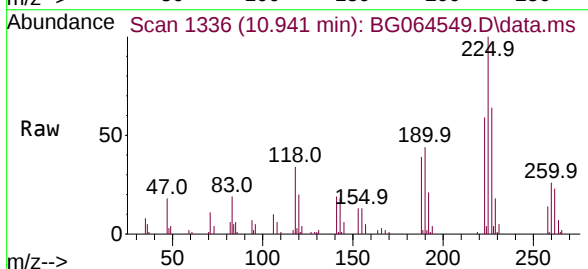
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

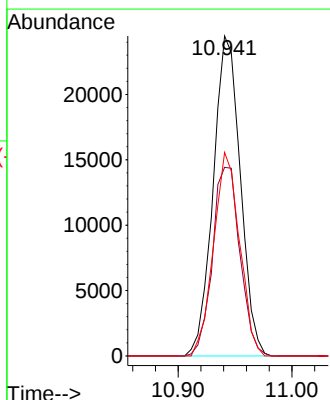
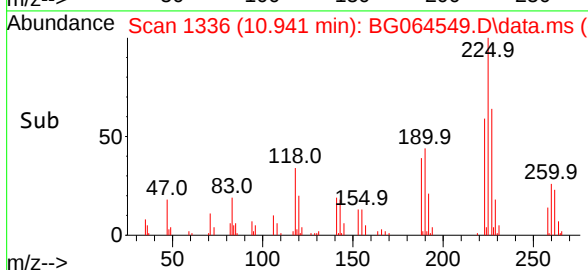
Supervised By :Jagrut Upadhyay 10/21/2025

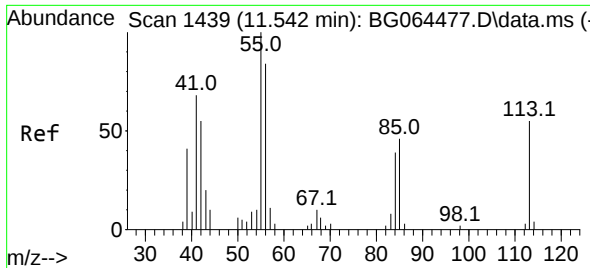


#34
Hexachlorobutadiene
Concen: 47.382 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



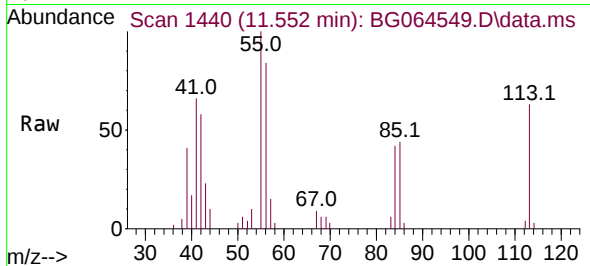
Tgt Ion:225 Resp: 40500
Ion Ratio Lower Upper
225 100
223 58.9 49.0 73.6
227 63.6 49.9 74.9





#35
Caprolactam
Concen: 46.530 ng
RT: 11.552 min Scan# 1439
Delta R.T. 0.042 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

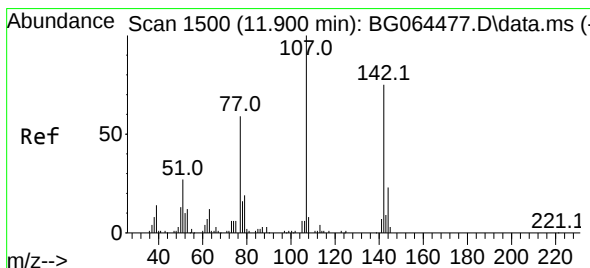
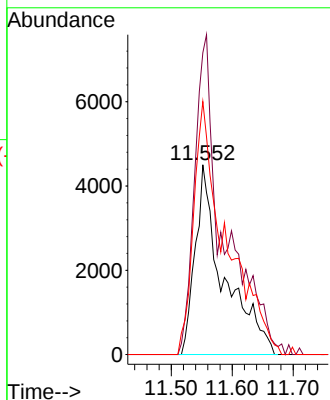
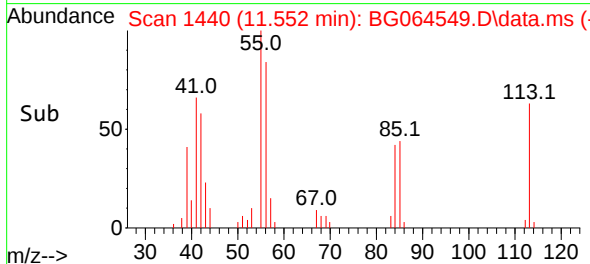
Instrument :
BNA_G
ClientSampleId :
PB170165BS



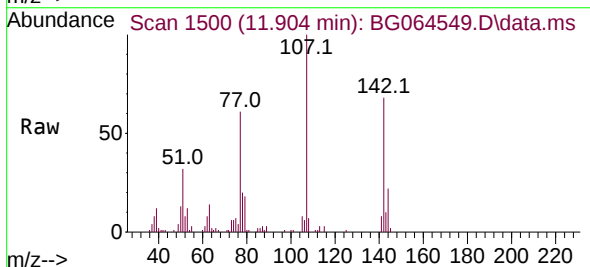
Tgt Ion:113 Resp: 14583
Ion Ratio Lower Upper
113 100
55 159.0 162.0 202.0
56 133.3 134.6 174.6

Manual Integrations
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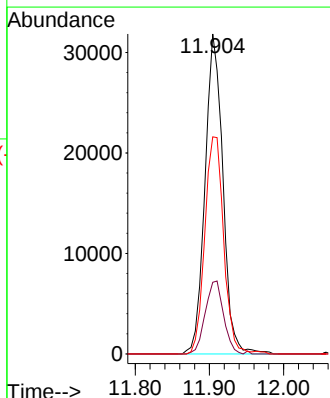
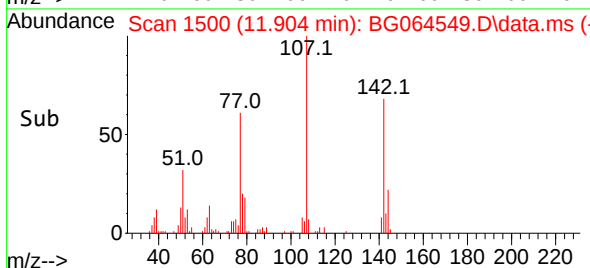
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

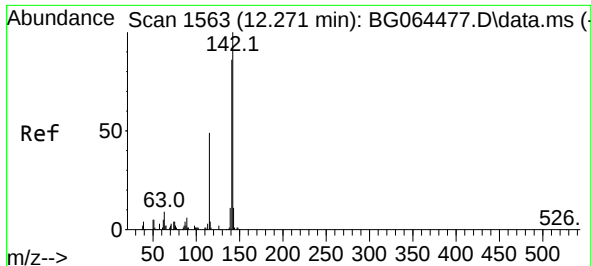


#36
4-Chloro-3-methylphenol
Concen: 47.901 ng
RT: 11.904 min Scan# 1500
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:107 Resp: 53322
Ion Ratio Lower Upper
107 100
144 22.4 18.7 28.1
142 67.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.540 ng

RT: 12.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

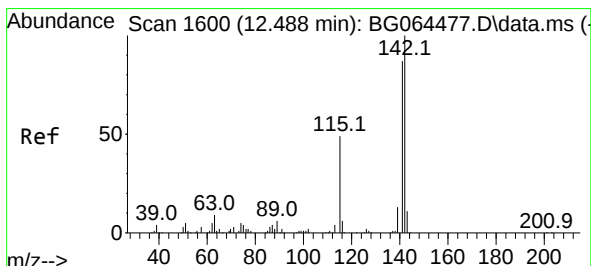
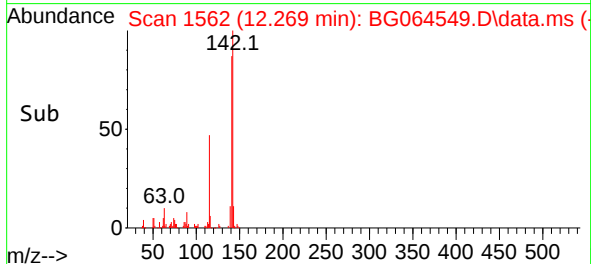
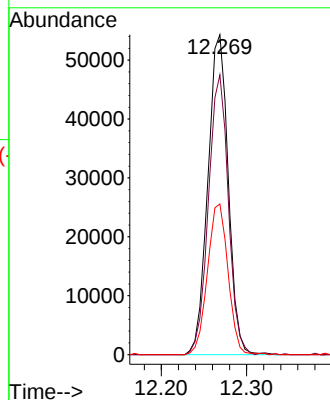
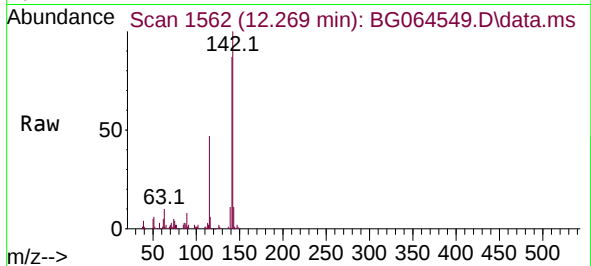
Tgt Ion:	142	Resp:	8997
Ion Ratio	Lower	Upper	
142	100		
141	87.4	68.7	103.1
115	47.1	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#38

1-Methylnaphthalene

Concen: 42.425 ng m

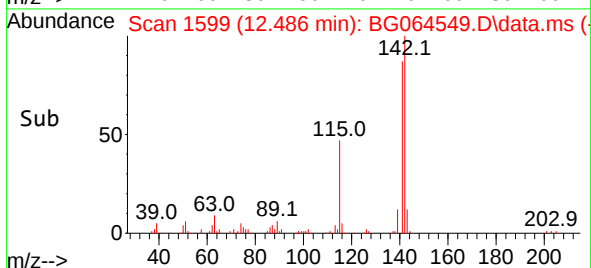
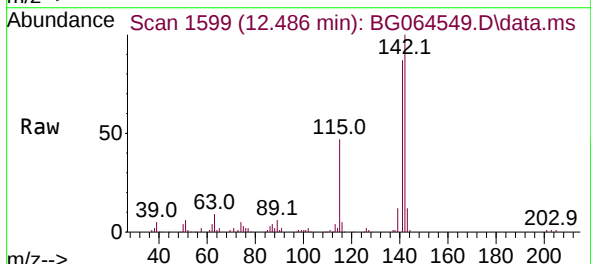
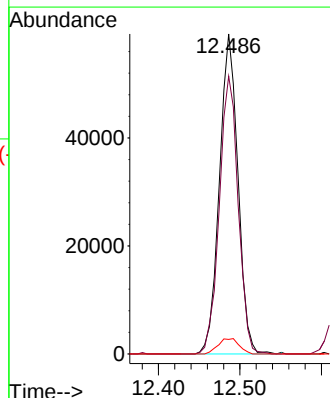
RT: 12.486 min Scan# 1599

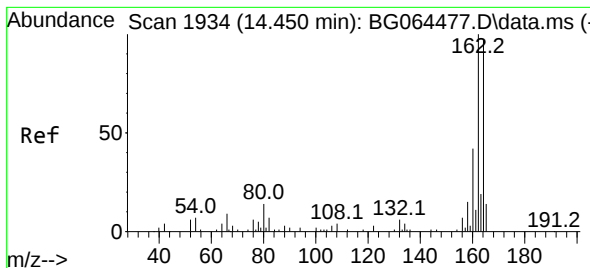
Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:	142	Resp:	93890
Ion Ratio	Lower	Upper	
142	100		
141	86.8	69.8	104.8
116	4.5	4.6	6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BG064549.D

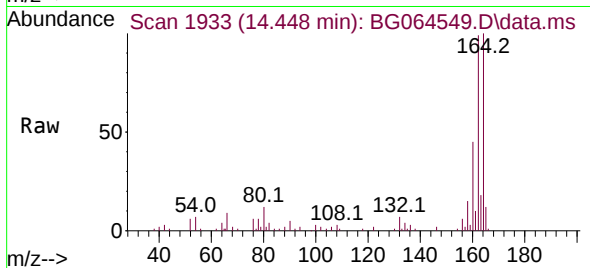
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



Tgt Ion:164 Resp: 44549

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

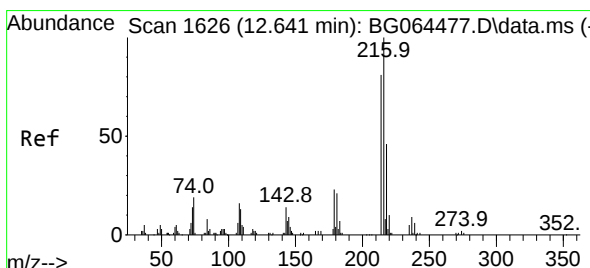
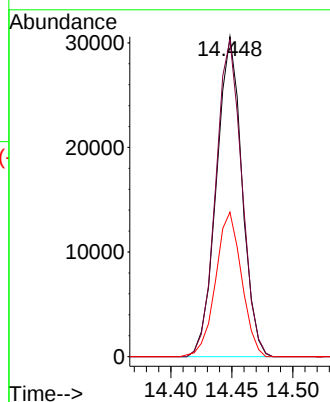
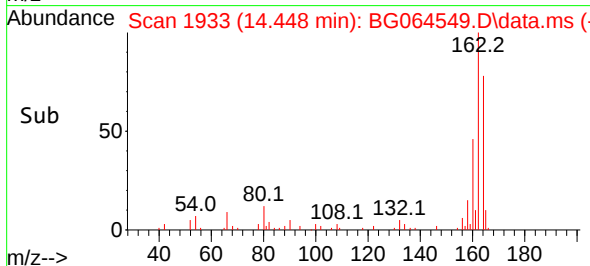
160 45.1 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.352 ng

RT: 12.639 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:216 Resp: 69550

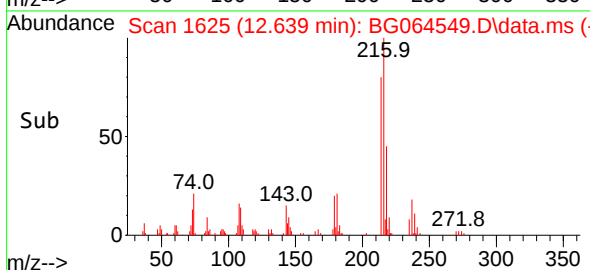
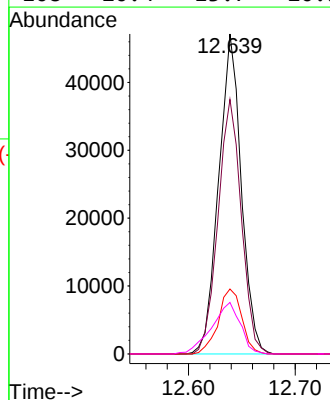
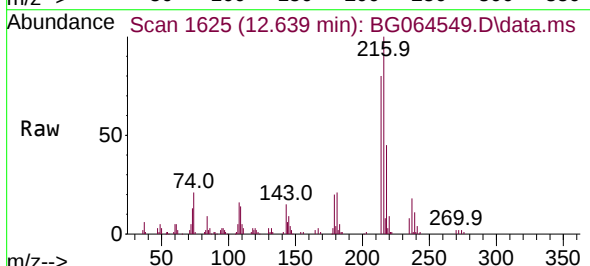
Ion Ratio Lower Upper

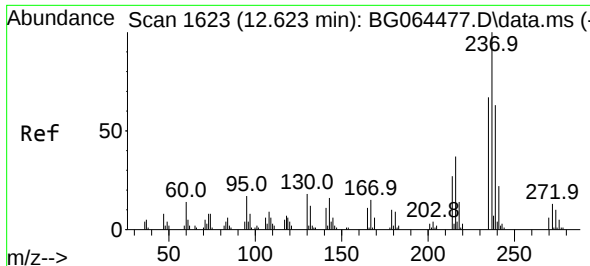
216 100

214 81.7 62.5 93.7

179 21.1 17.0 25.6

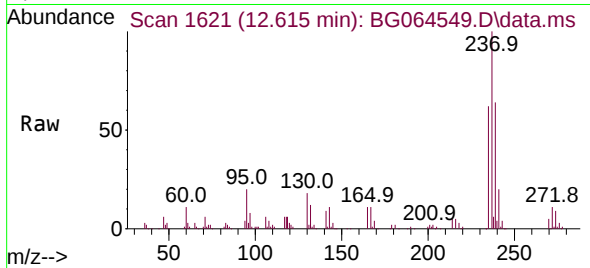
108 20.4 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 127.082 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

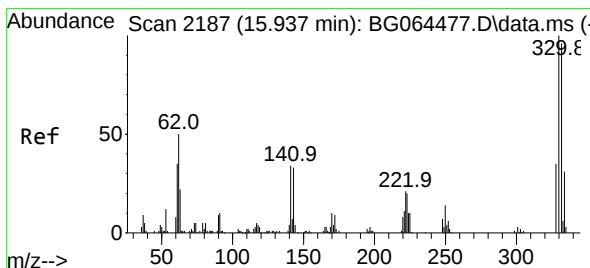
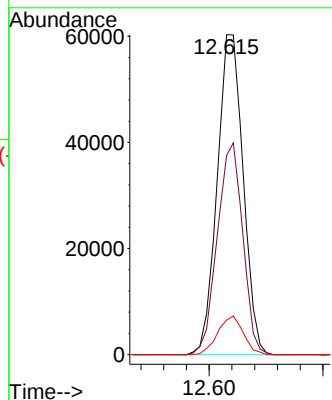
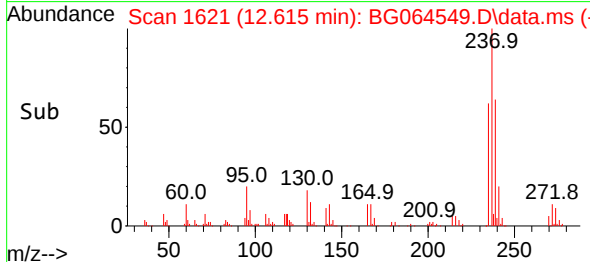
Instrument :
BNA_G
ClientSampleId :
PB170165BS



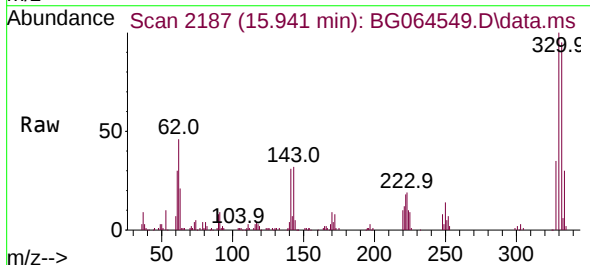
Tgt Ion:237 Resp: 95619
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 10.8 0.0 32.6

Manual Integrations
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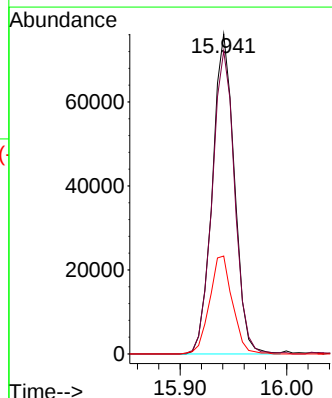
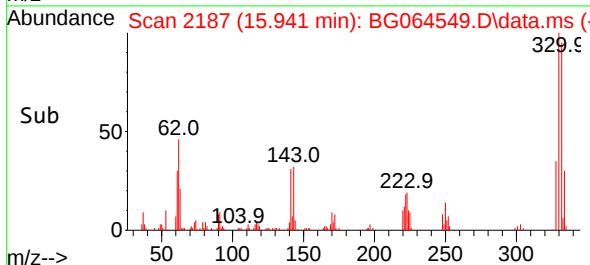
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

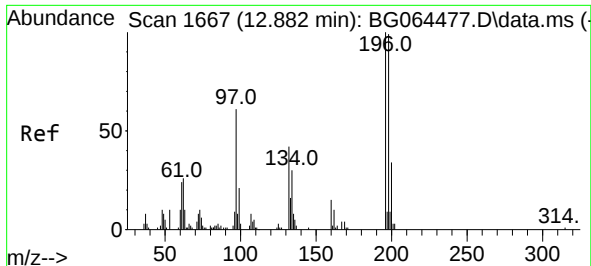


#42
2,4,6-Tribromophenol
Concen: 135.262 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:330 Resp: 109226
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.8 25.8 38.6





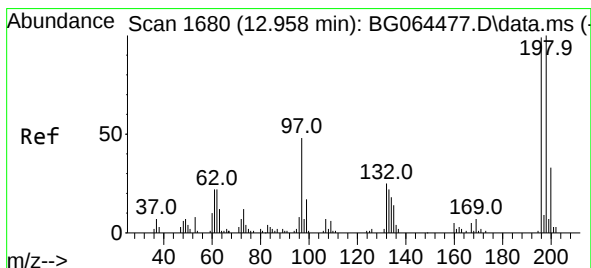
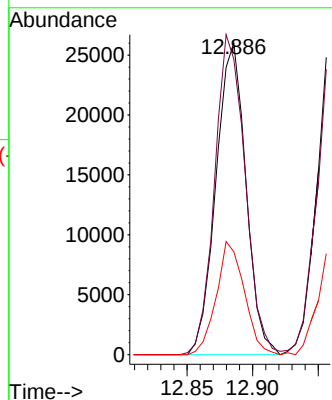
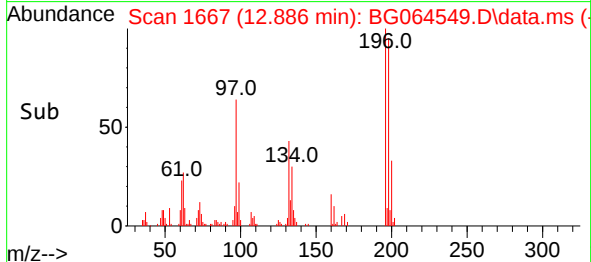
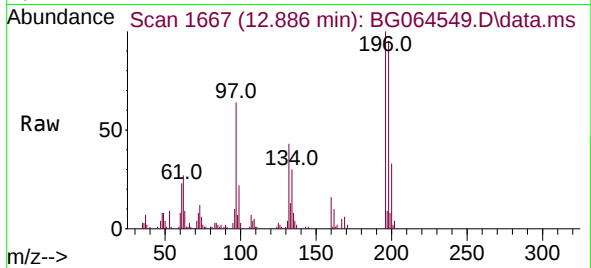
#43
2,4,6-Trichlorophenol
Concen: 44.862 ng
RT: 12.886 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:196 Resp: 4125
Ion Ratio Lower Upper
196 100
198 94.8 79.3 118.9
200 33.0 27.4 41.2

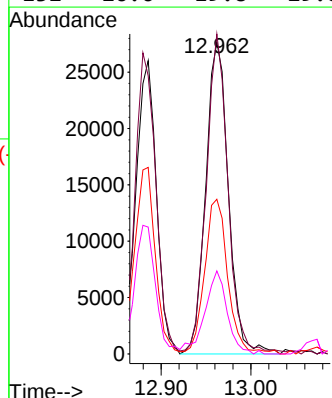
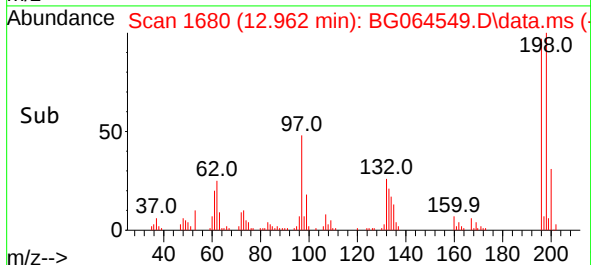
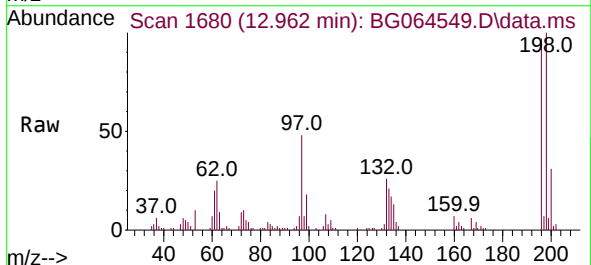
Manual Integrations
APPROVED

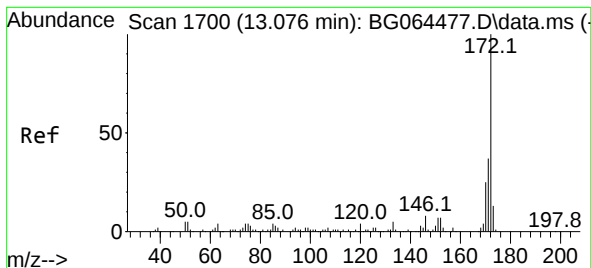
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#44
2,4,5-Trichlorophenol
Concen: 47.405 ng
RT: 12.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

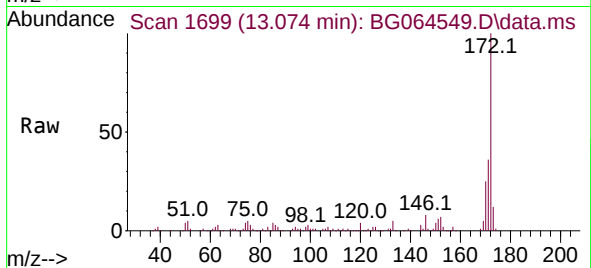
Tgt Ion:196 Resp: 48664
Ion Ratio Lower Upper
196 100
198 102.7 80.3 120.5
97 49.6 39.4 59.0
132 26.6 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 82.763 ng
RT: 13.074 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

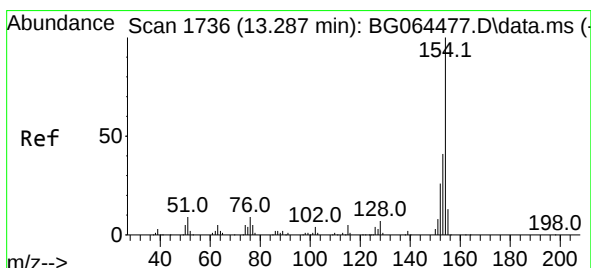
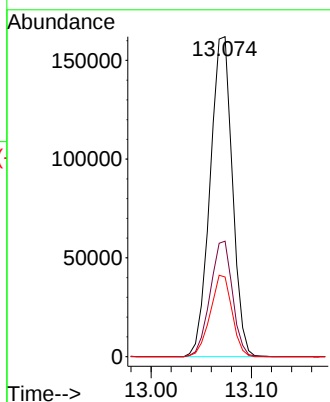
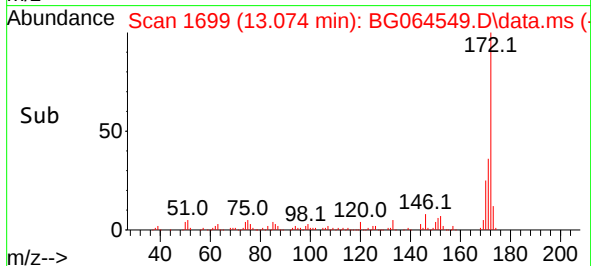
Instrument :
BNA_G
ClientSampleId :
PB170165BS



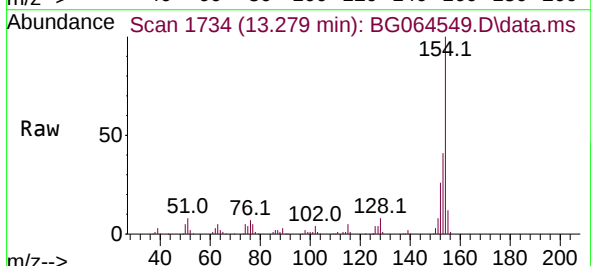
Tgt Ion:172 Resp: 250135
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.9 20.2 30.2

Manual Integrations
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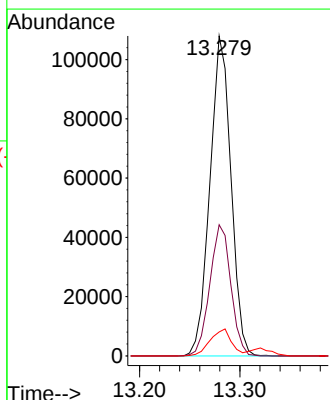
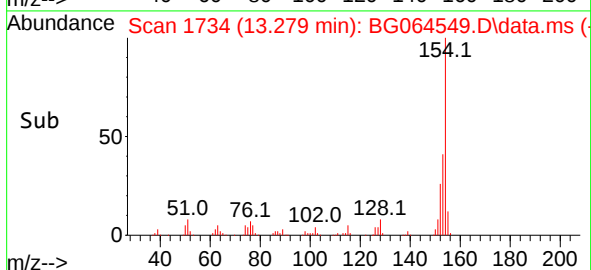
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

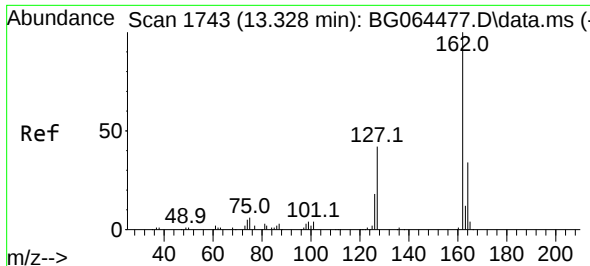


#46
1,1'-Biphenyl
Concen: 49.141 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:154 Resp: 157453
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 7.5 0.0 29.3





#47
2-Chloronaphthalene
Concen: 43.284 ng
RT: 13.320 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

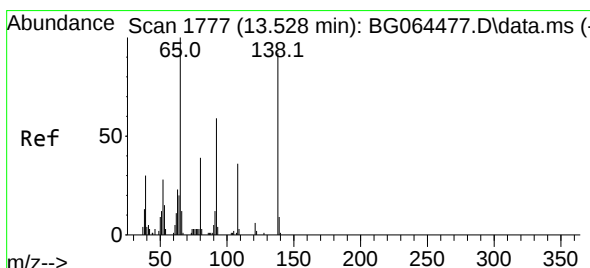
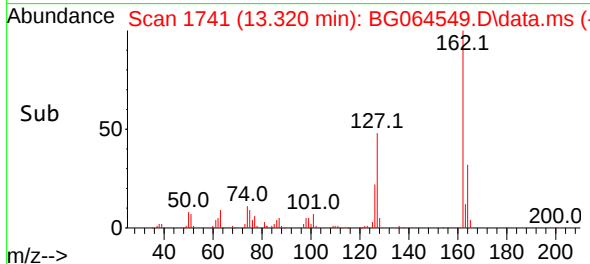
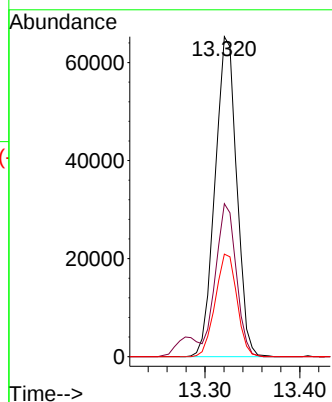
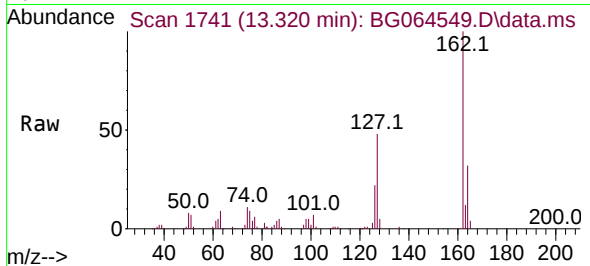
PB170165BS

Tgt Ion:162 Resp: 103546
Ion Ratio Lower Upper
162 100
127 47.8 35.8 53.8
164 32.1 27.2 40.8

Manual Integrations

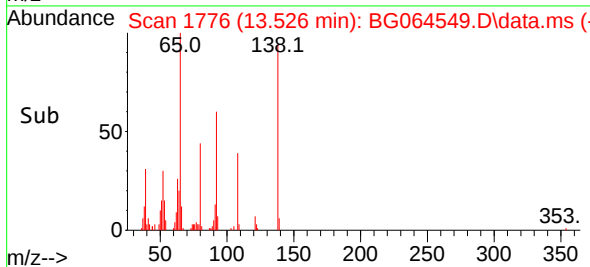
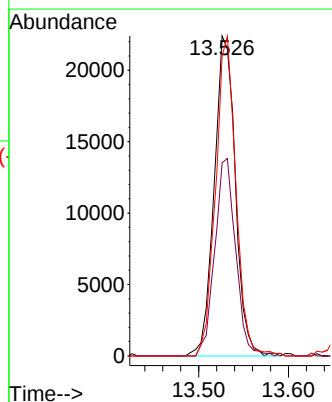
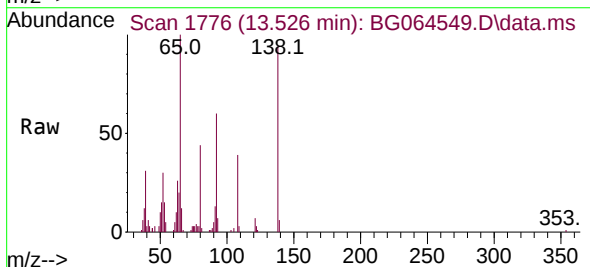
APPROVED

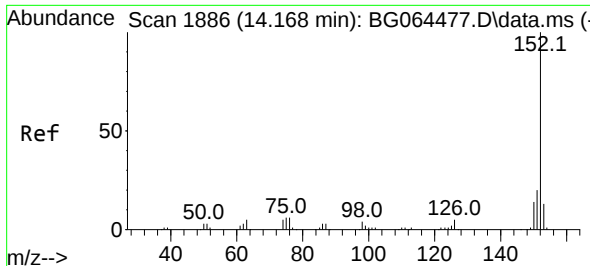
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#48
2-Nitroaniline
Concen: 44.910 ng
RT: 13.526 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

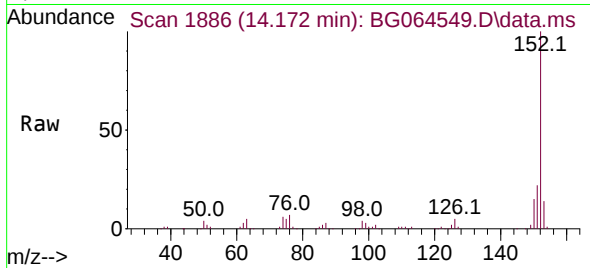
Tgt Ion: 65 Resp: 36668
Ion Ratio Lower Upper
65 100
92 60.4 47.0 70.6
138 93.7 73.5 110.3





#49
Acenaphthylene
Concen: 51.304 ng
RT: 14.172 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

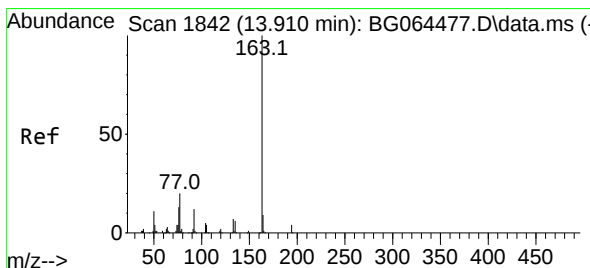
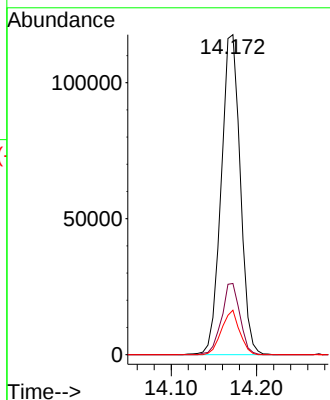
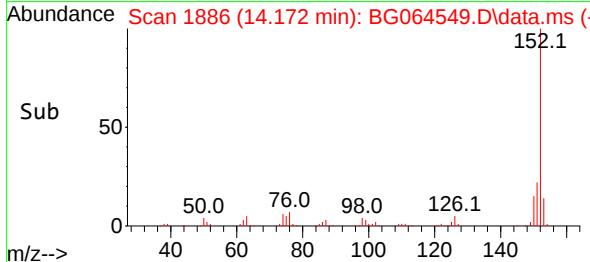
Instrument :
BNA_G
ClientSampleId :
PB170165BS



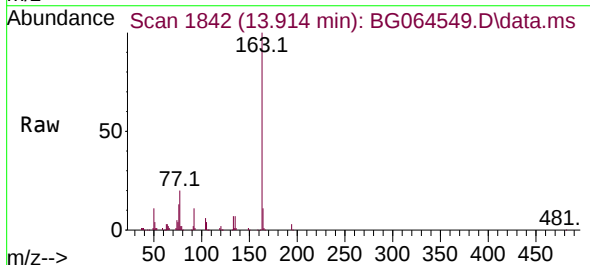
Tgt Ion:152 Resp: 182191
Ion Ratio Lower Upper
152 100
151 22.2 15.8 23.6
153 13.9 10.6 15.8

Manual Integrations
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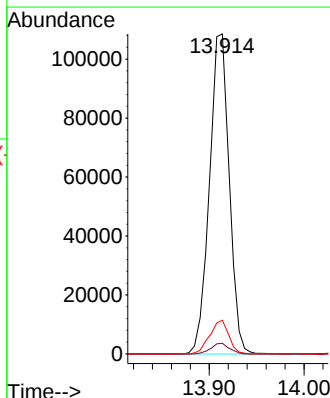
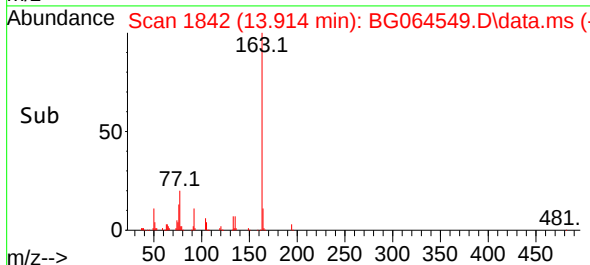
Reviewed By :Rahul Chavli 10/21/2025
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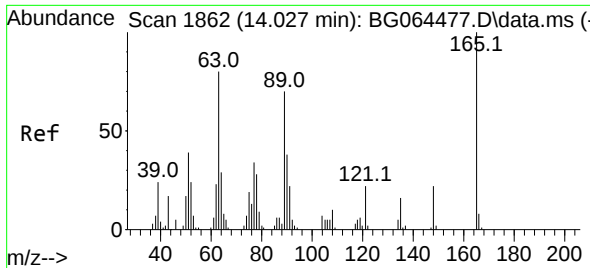


#50
Dimethylphthalate
Concen: 45.098 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:163 Resp: 157351
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.5 7.4 11.0





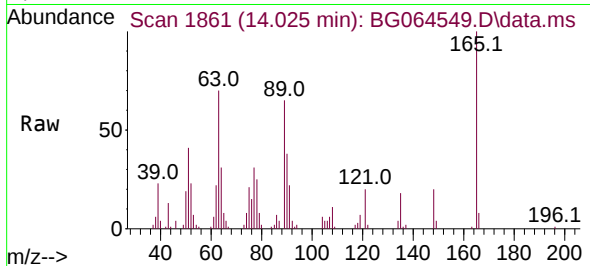
#51
2,6-Dinitrotoluene
Concen: 48.230 ng
RT: 14.025 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

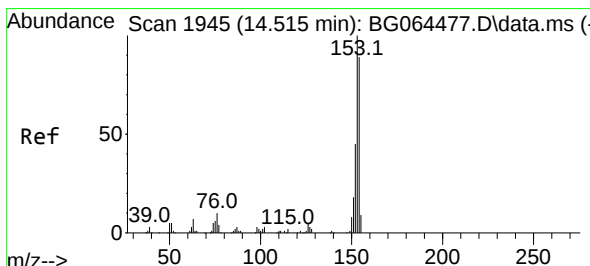
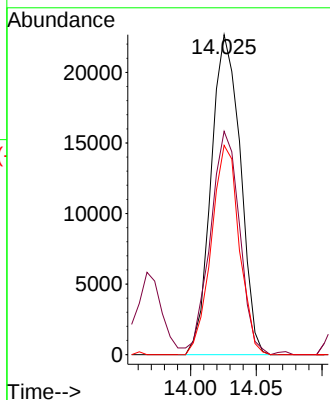
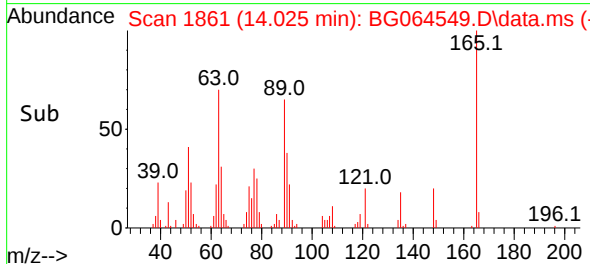


Tgt Ion:165 Resp: 35058
Ion Ratio Lower Upper
165 100
63 69.8 63.9 95.9
89 65.4 56.1 84.1

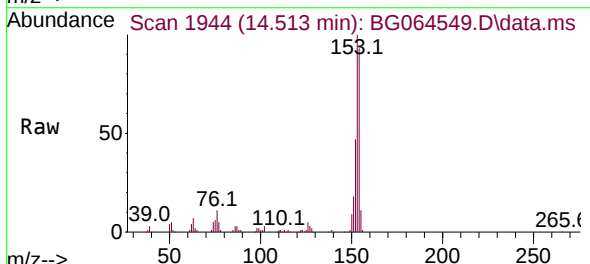
Manual Integrations

APPROVED

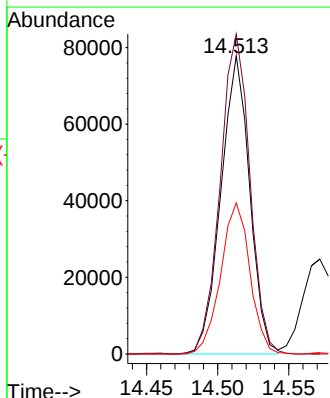
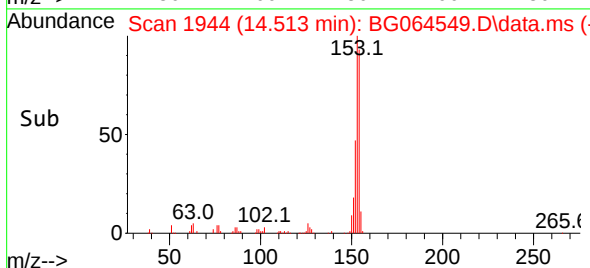
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

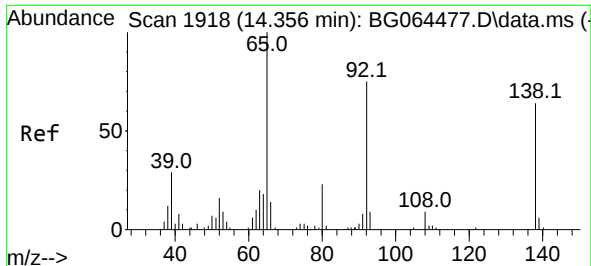


#52
Acenaphthene
Concen: 44.318 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:154 Resp: 109342
Ion Ratio Lower Upper
154 100
153 107.4 90.2 135.4
152 50.7 40.2 60.4





#53
3-Nitroaniline
Concen: 32.549 ng
RT: 14.360 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

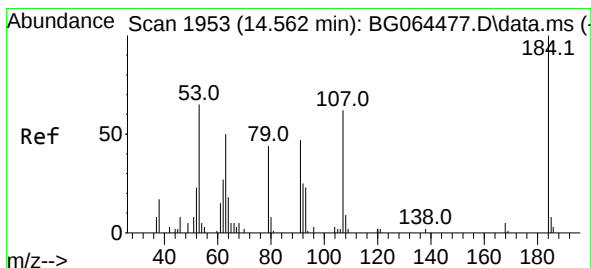
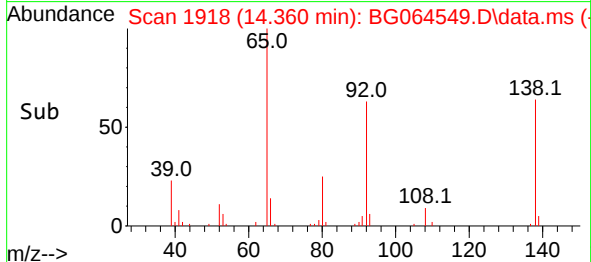
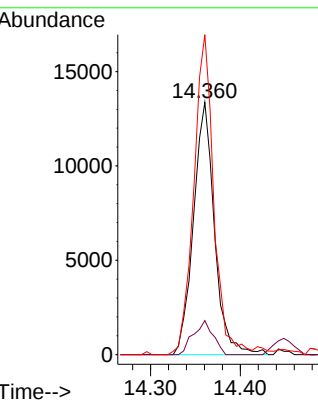
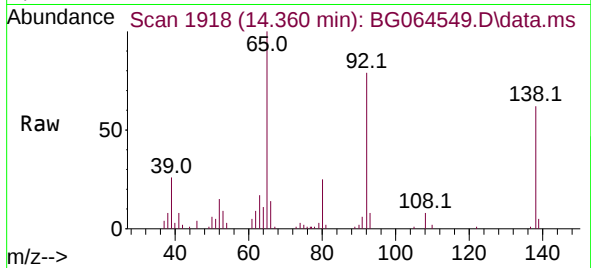
Tgt Ion:138 Resp: 21818
Ion Ratio Lower Upper
138 100
108 13.5 10.6 15.8
92 126.9 93.2 139.8

Manual Integrations

APPROVED

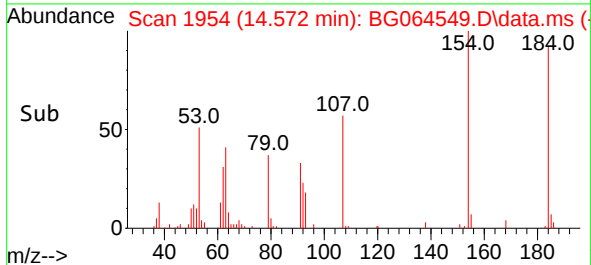
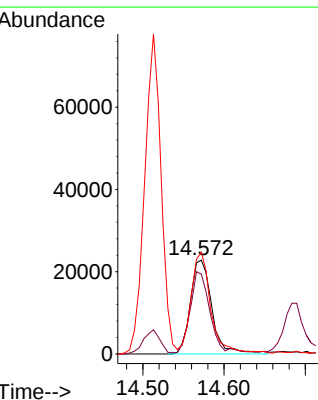
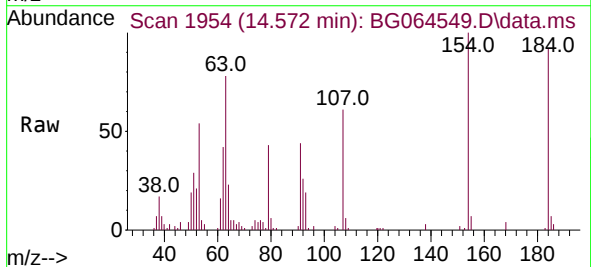
Reviewed By :Rahul Chavli 10/21/2025

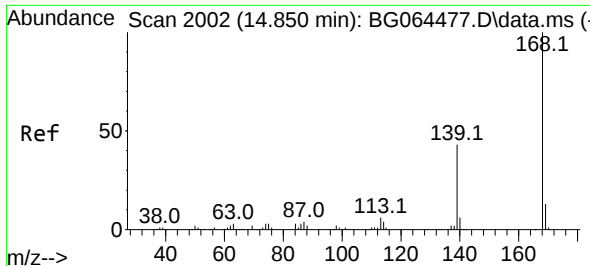
Supervised By :Jagrut Upadhyay 10/21/2025



#54
2,4-Dinitrophenol
Concen: 79.453 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

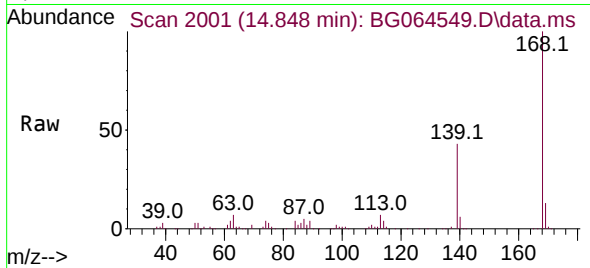
Tgt Ion:184 Resp: 41874
Ion Ratio Lower Upper
184 100
63 85.0 69.0 103.4
154 108.4 95.6 143.4





#55
Dibenzofuran
Concen: 44.988 ng
RT: 14.848 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

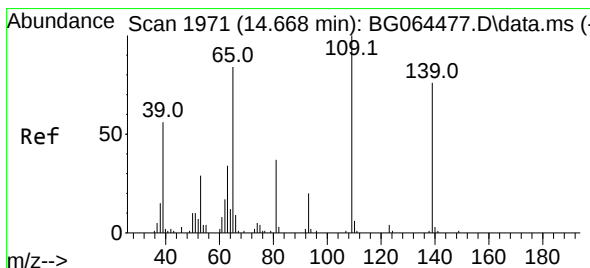
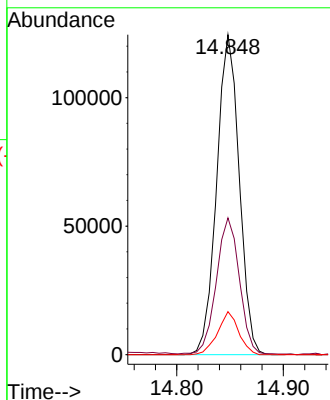
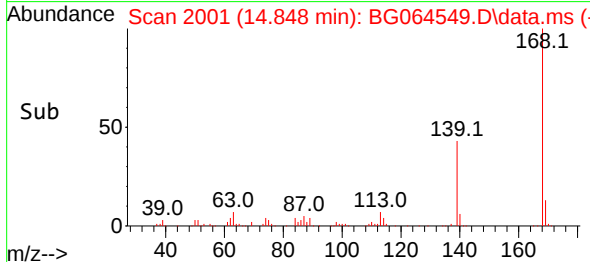
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:168 Resp: 183269
Ion Ratio Lower Upper
168 100
139 42.7 34.0 51.0
169 13.4 10.2 15.2

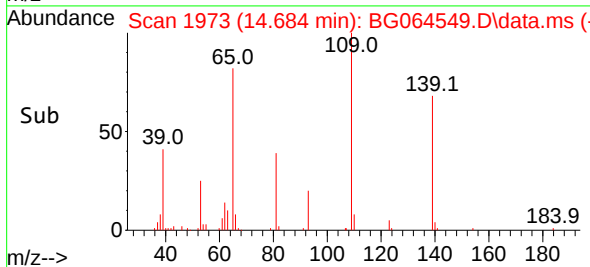
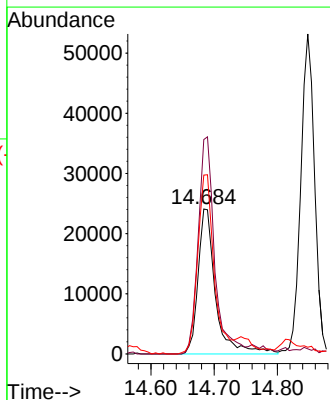
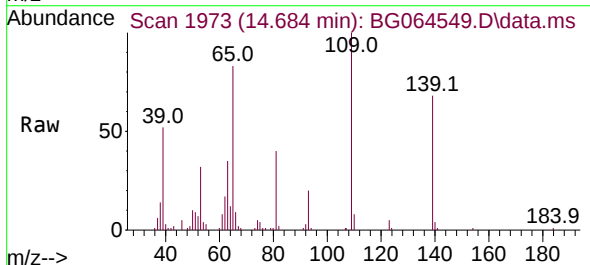
Manual Integrations
APPROVED

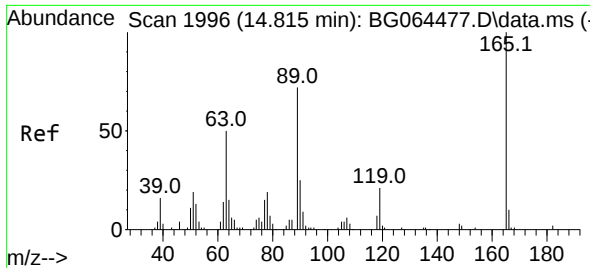
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#56
4-Nitrophenol
Concen: 87.916 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 46397
Ion Ratio Lower Upper
139 100
109 147.8 111.8 151.8
65 123.4 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 47.114 ng
RT: 14.819 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

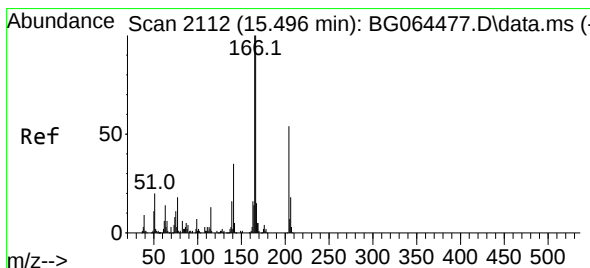
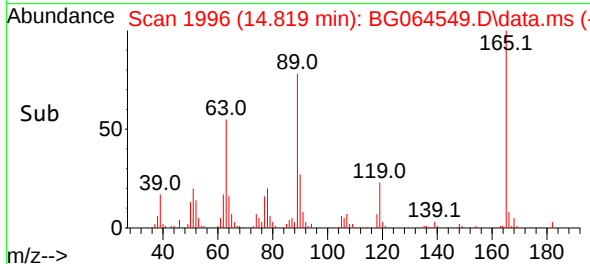
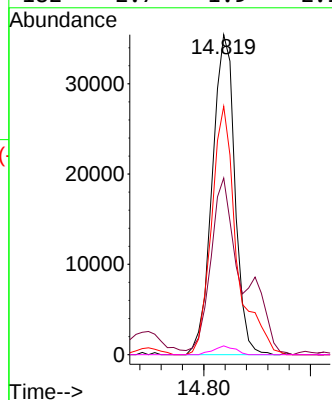
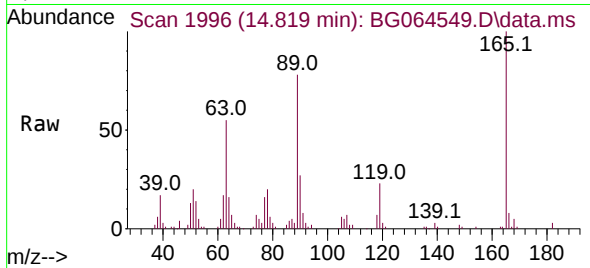
PB170165BS

Tgt Ion:165 Resp: 52347
Ion Ratio Lower Upper
165 100
63 55.2 40.4 60.6
89 77.6 57.3 85.9
182 2.7 1.9 2.9

Manual Integrations

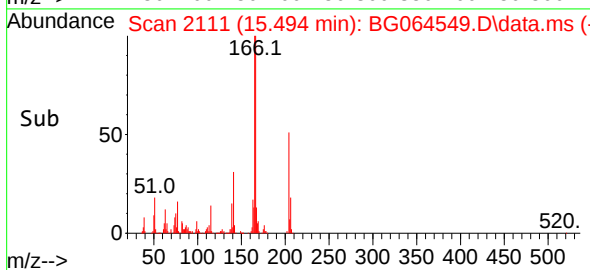
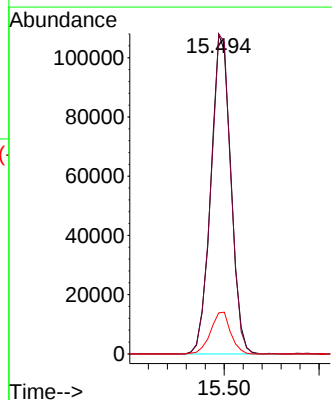
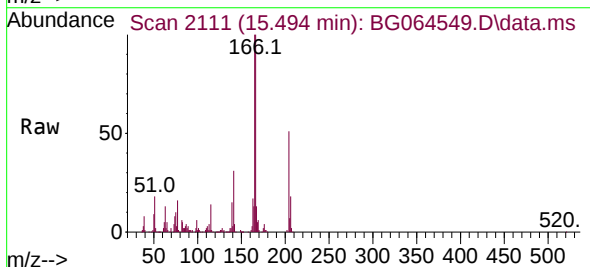
APPROVED

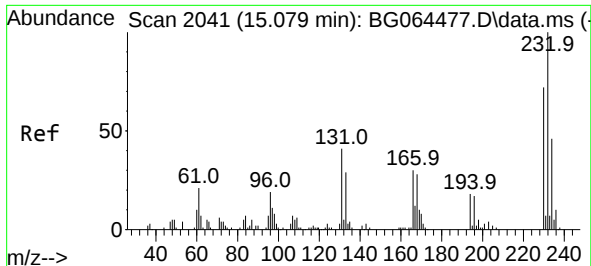
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#58
Fluorene
Concen: 46.615 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:166 Resp: 157870
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.6
167 12.9 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.653 ng
RT: 15.083 min Scan# 2041
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

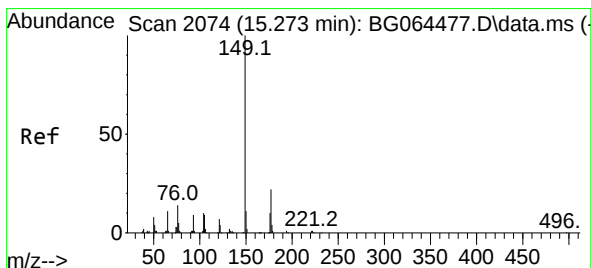
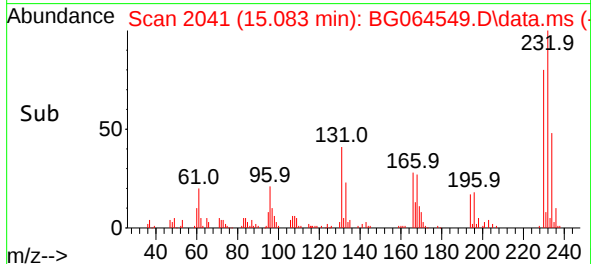
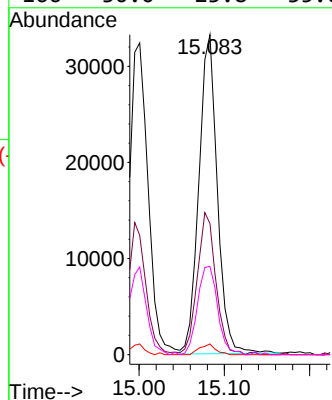
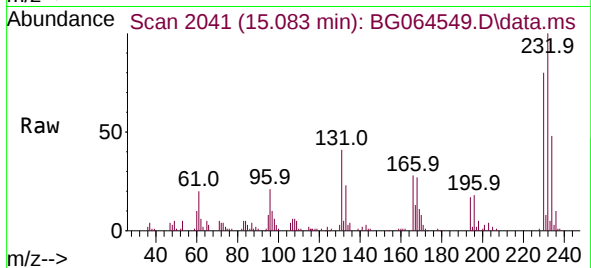
PB170165BS

Tgt Ion:232 Resp: 49925
Ion Ratio Lower Upper
232 100
131 45.0 35.0 52.4
130 2.9 2.0 3.0
166 30.0 23.8 35.6

Manual Integrations

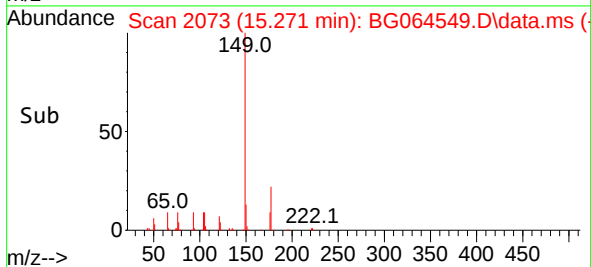
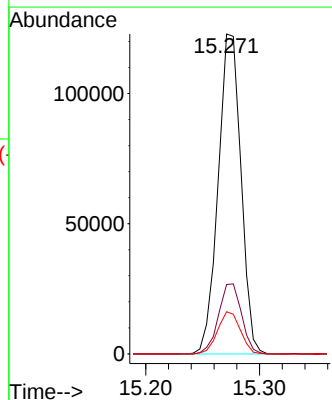
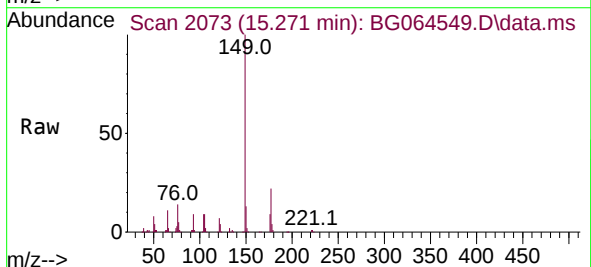
APPROVED

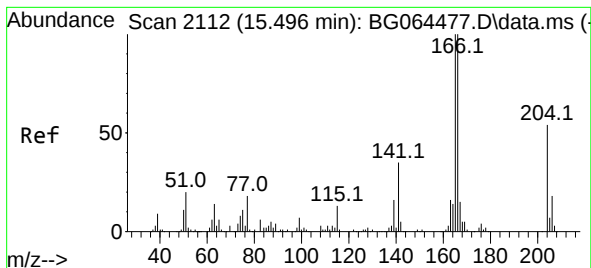
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#60
Diethylphthalate
Concen: 45.787 ng
RT: 15.271 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

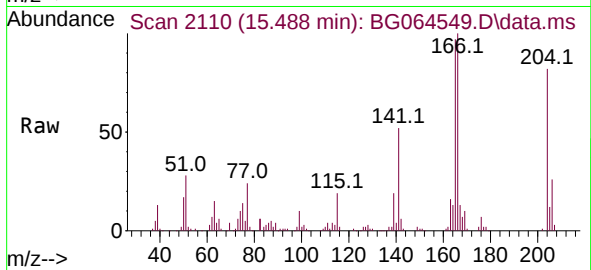
Tgt Ion:149 Resp: 171377
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 13.2 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 45.419 ng
RT: 15.488 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

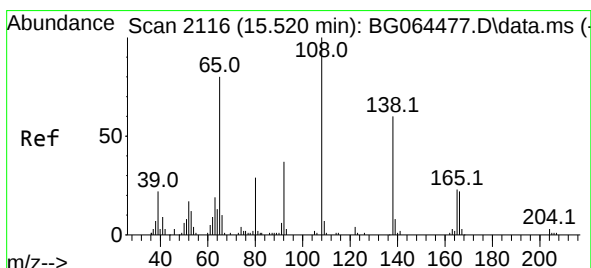
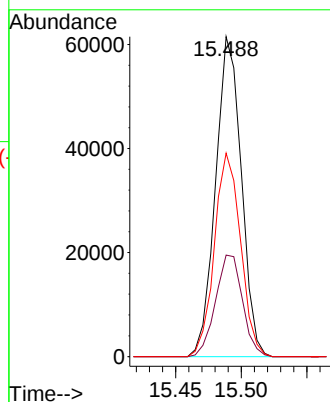
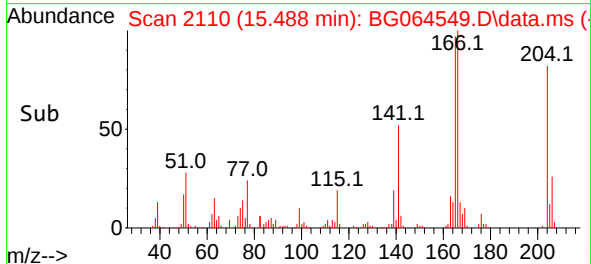
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:204 Resp: 8397
Ion Ratio Lower Upper
204 100
206 31.7 27.1 40.7
141 63.6 51.5 77.3

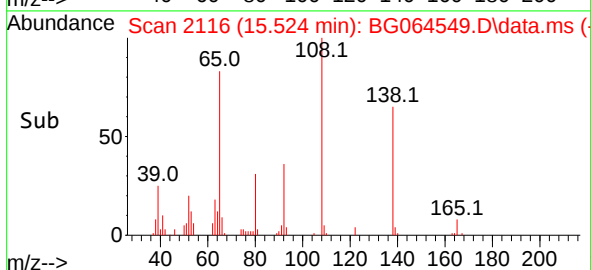
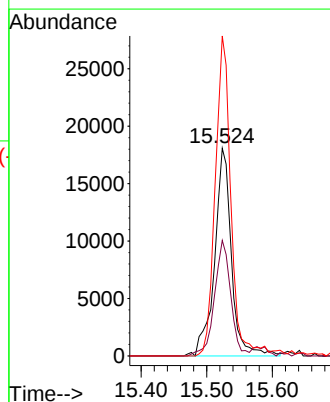
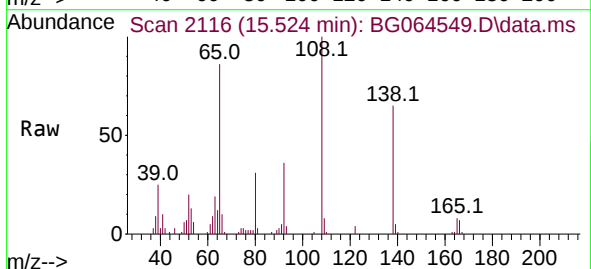
Manual Integrations
APPROVED

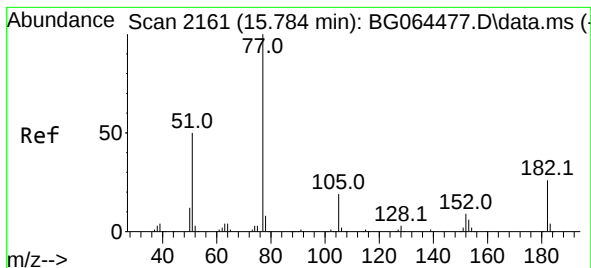
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#62
4-Nitroaniline
Concen: 46.343 ng
RT: 15.524 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

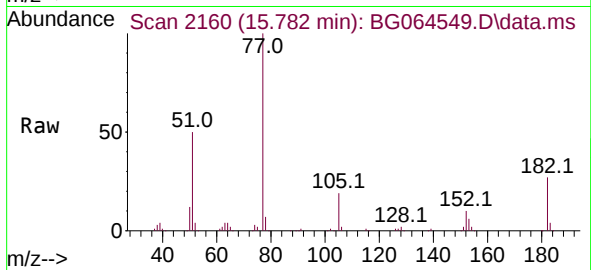
Tgt Ion:138 Resp: 32377
Ion Ratio Lower Upper
138 100
92 55.6 42.3 82.3
108 154.1 147.7 187.7





#63
Azobenzene
Concen: 46.087 ng
RT: 15.782 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

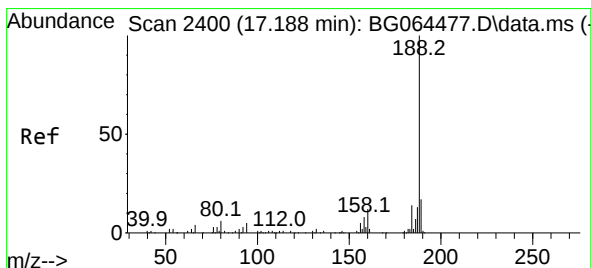
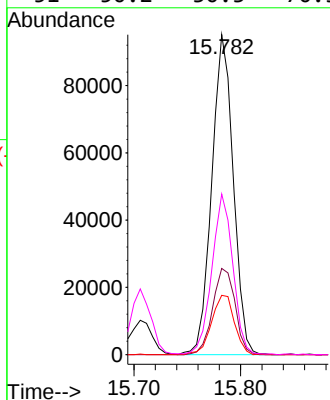
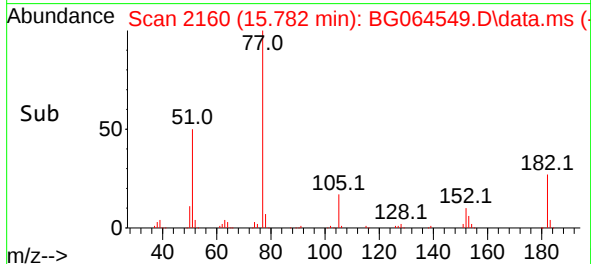
Instrument :
BNA_G
ClientSampleId :
PB170165BS



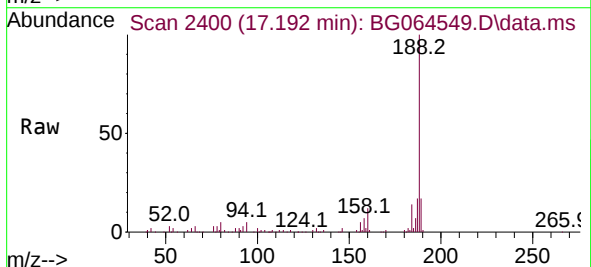
Tgt Ion: 77 Resp: 133595
Ion Ratio Lower Upper
77 100
182 26.9 6.3 46.3
105 18.5 0.0 38.7
51 50.2 30.3 70.3

Manual Integrations
APPROVED

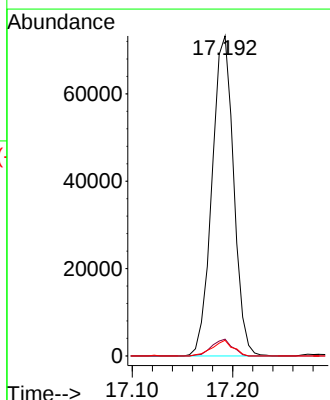
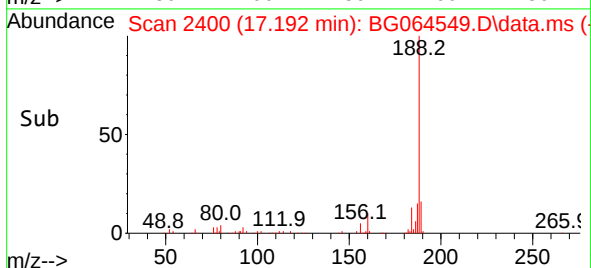
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

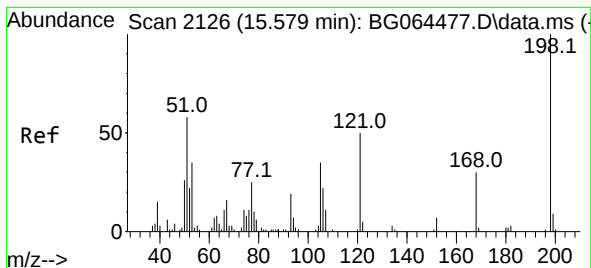


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



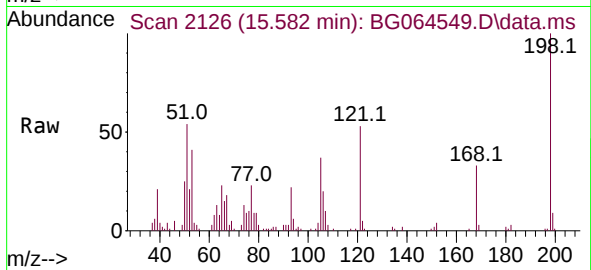
Tgt Ion:188 Resp: 109767
Ion Ratio Lower Upper
188 100
94 5.2 3.7 5.5
80 4.9 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.902 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

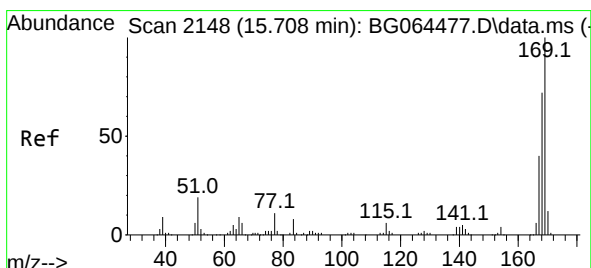
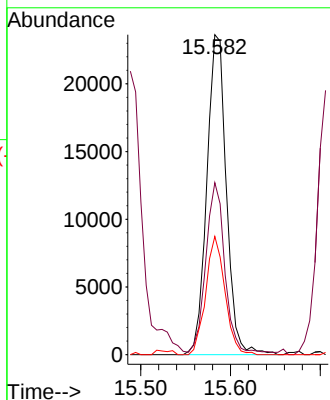
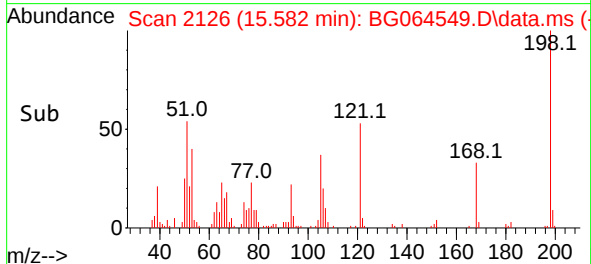
Instrument :
BNA_G
ClientSampleId :
PB170165BS



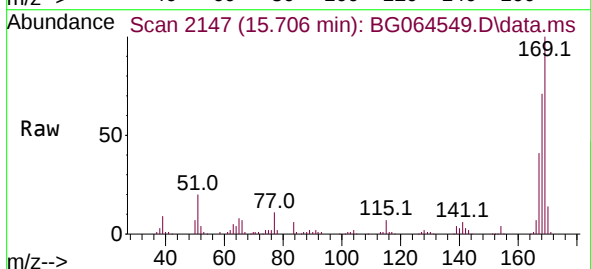
Tgt Ion:198 Resp: 35846
Ion Ratio Lower Upper
198 100
51 53.7 39.0 79.0
105 36.9 15.8 55.8

Manual Integrations
APPROVED

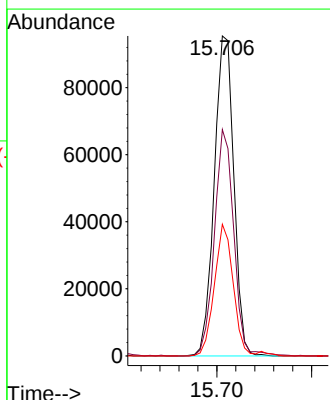
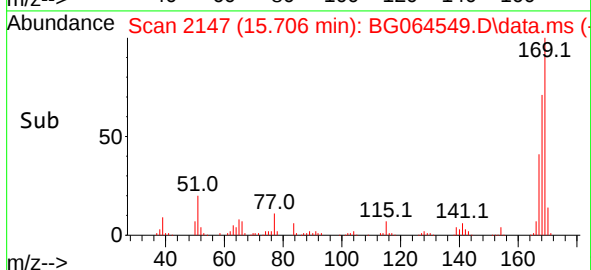
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

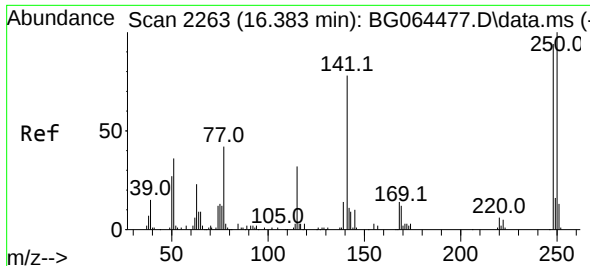


#66
n-Nitrosodiphenylamine
Concen: 46.670 ng
RT: 15.706 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:169 Resp: 136800
Ion Ratio Lower Upper
169 100
168 70.7 57.8 86.6
167 41.1 31.7 47.5





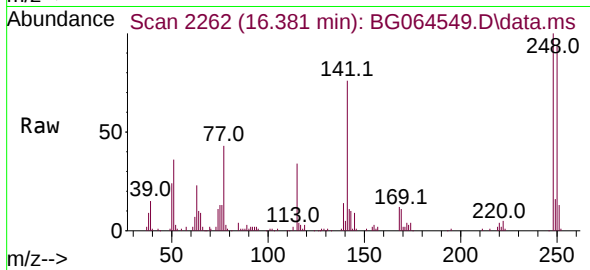
#67
4-Bromophenyl-phenylether
Concen: 46.292 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

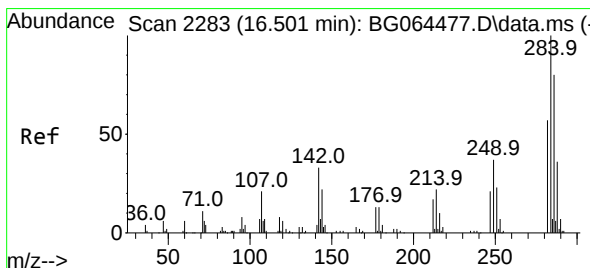
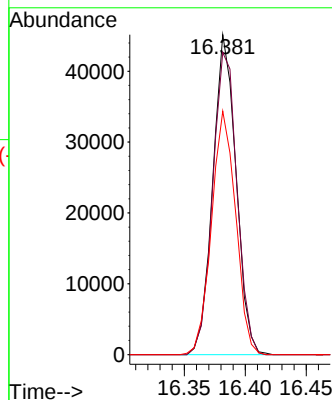
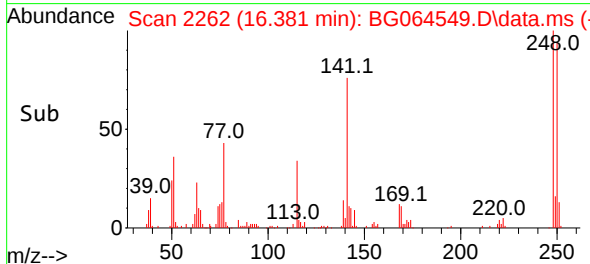


Tgt Ion:248 Resp: 59795
Ion Ratio Lower Upper
248 100
250 94.4 85.3 127.9
141 76.1 66.2 99.2

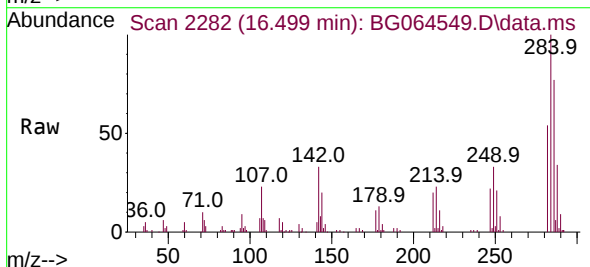
Manual Integrations

APPROVED

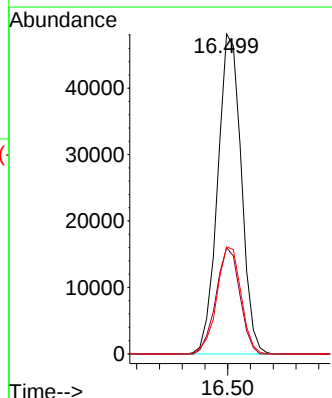
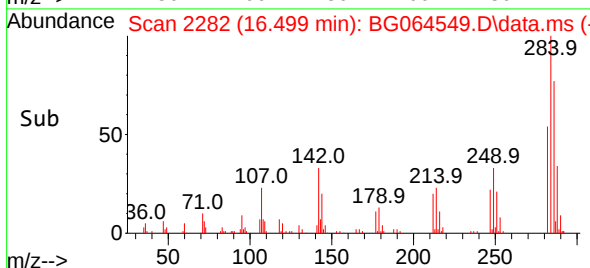
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

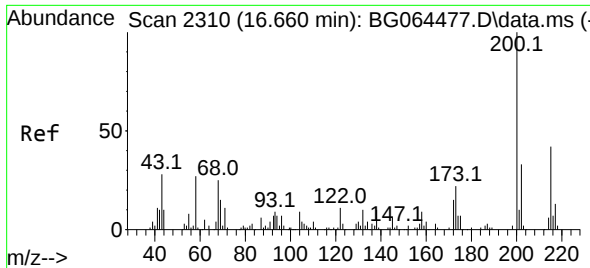


#68
Hexachlorobenzene
Concen: 46.874 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:284 Resp: 69283
Ion Ratio Lower Upper
284 100
142 33.2 26.2 39.2
249 33.4 29.4 44.0





#69
 Atrazine
 Concen: 48.044 ng
 RT: 16.658 min Scan# 2309
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

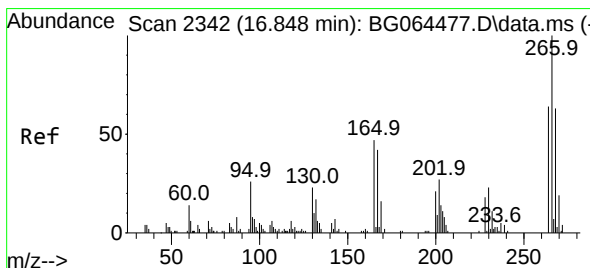
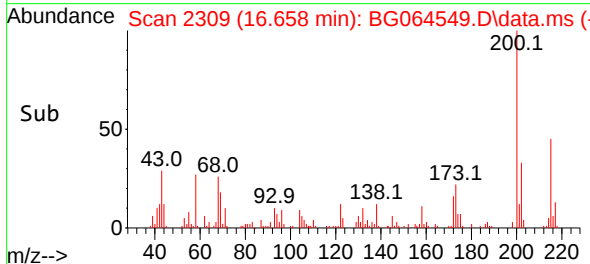
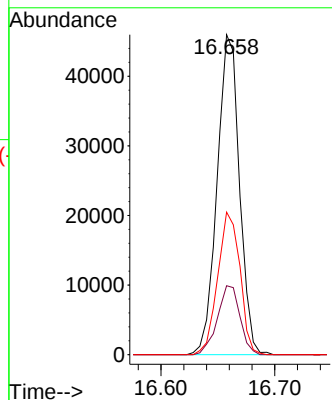
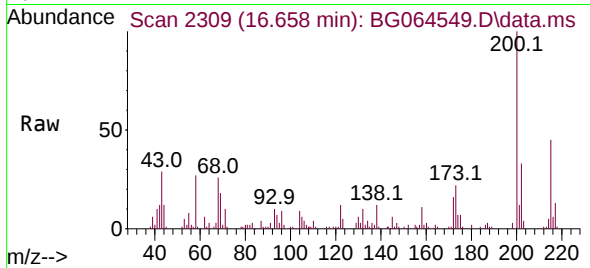
ClientSampleId :

PB170165BS

Tgt Ion:200 Resp: 62655
 Ion Ratio Lower Upper
 200 100
 173 21.5 2.5 42.5
 215 44.5 21.5 61.5

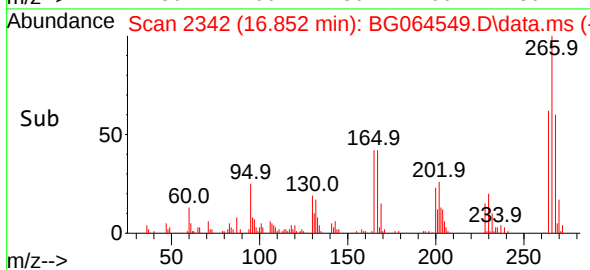
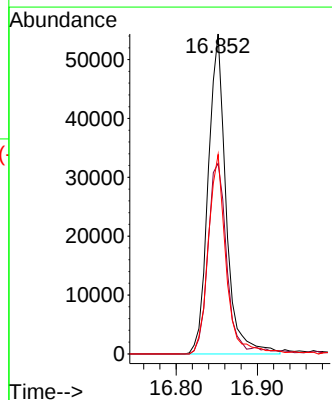
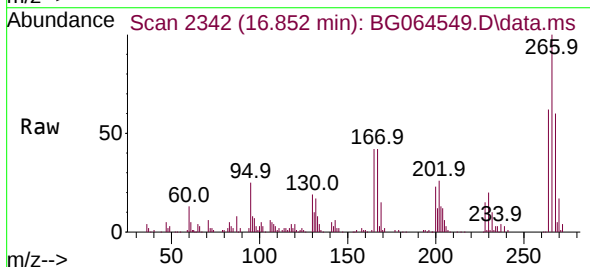
Manual Integrations
 APPROVED

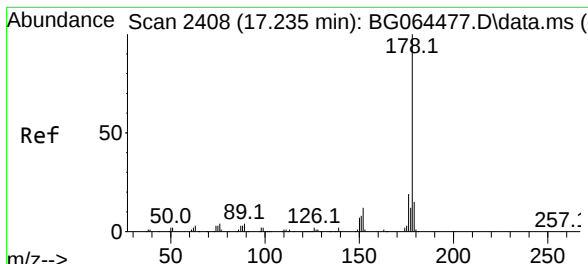
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#70
 Pentachlorophenol
 Concen: 96.317 ng
 RT: 16.852 min Scan# 2342
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:266 Resp: 83239
 Ion Ratio Lower Upper
 266 100
 268 59.5 50.6 75.8
 264 62.3 51.2 76.8





#71
 Phenanthrene
 Concen: 45.635 ng
 RT: 17.233 min Scan# 2407
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

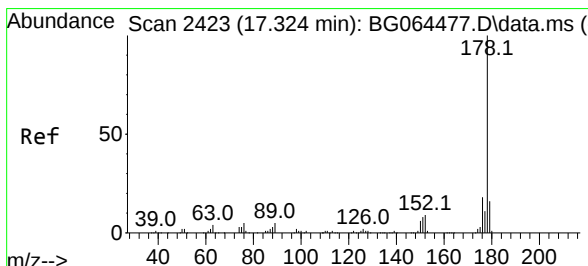
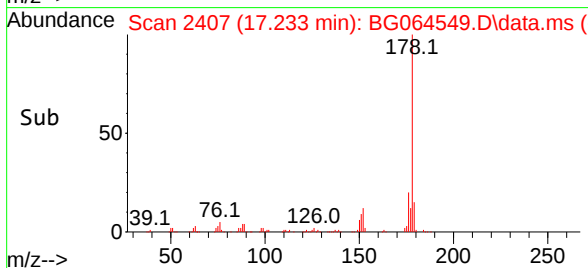
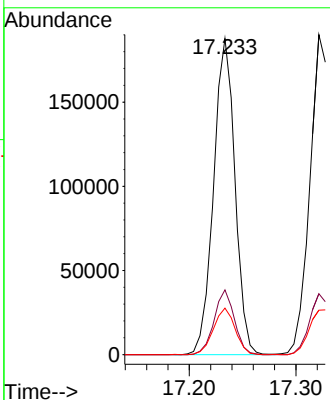
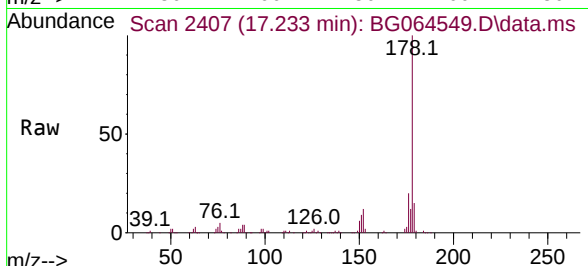
ClientSampleId :

PB170165BS

Tgt Ion:178 Resp: 261958
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.2 22.8
 179 14.7 11.8 17.6

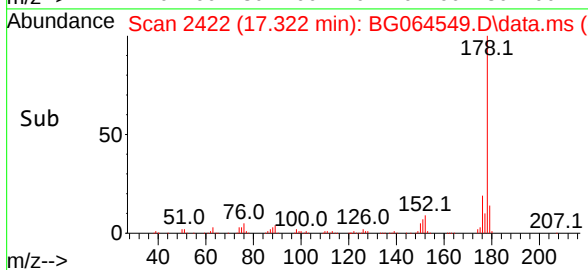
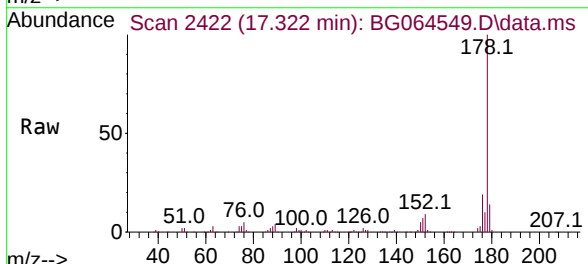
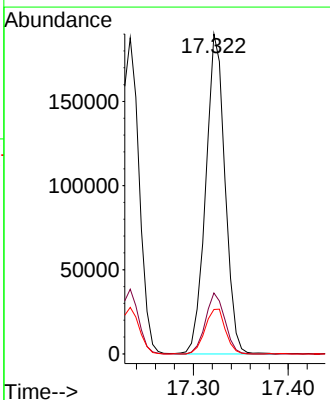
Manual Integrations
 APPROVED

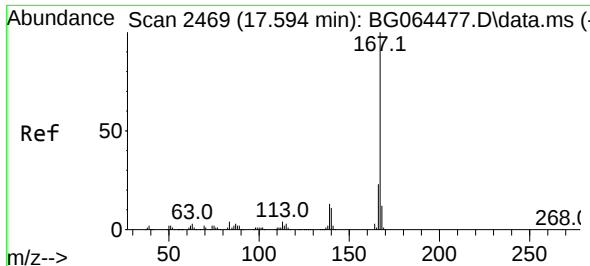
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#72
 Anthracene
 Concen: 46.634 ng
 RT: 17.322 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

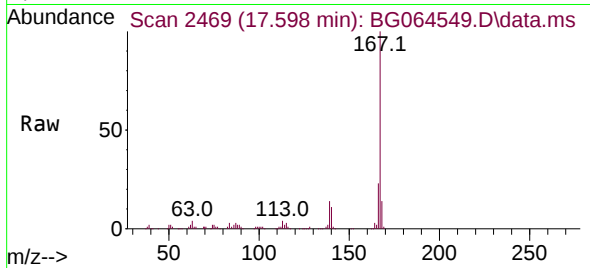
Tgt Ion:178 Resp: 268556
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 21.8
 179 13.9 12.5 18.7





#73
 Carbazole
 Concen: 46.986 ng
 RT: 17.598 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

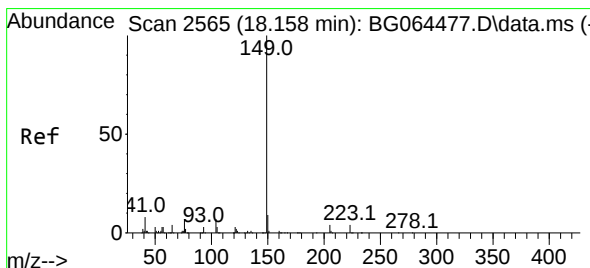
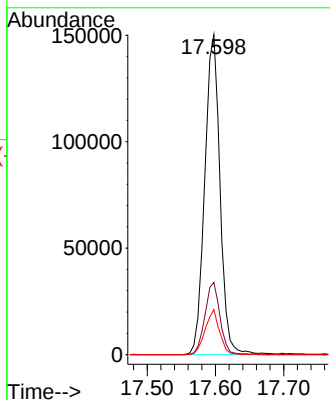
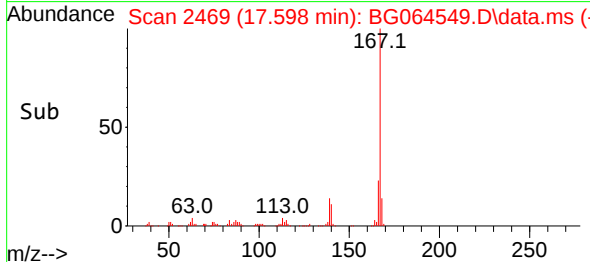
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS



Tgt Ion:167 Resp: 233881
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 27.8
 139 14.1 10.2 15.4

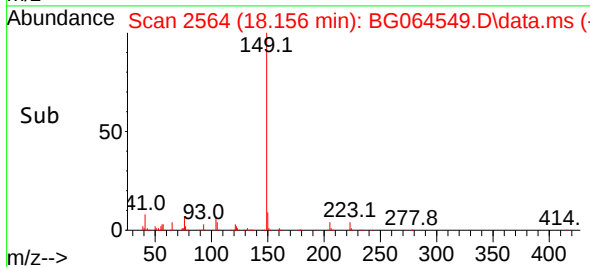
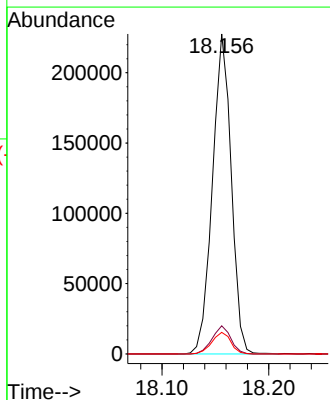
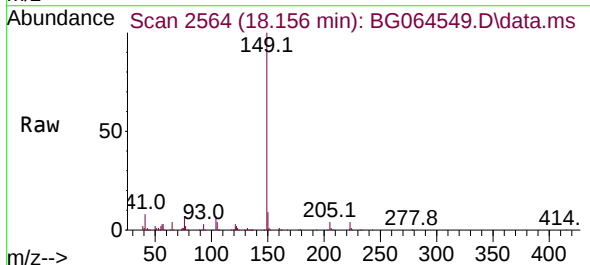
Manual Integrations
 APPROVED

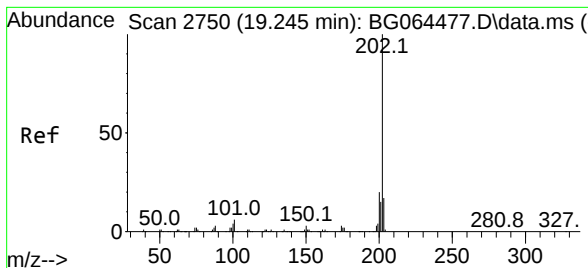
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#74
 Di-n-butylphthalate
 Concen: 45.881 ng
 RT: 18.156 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

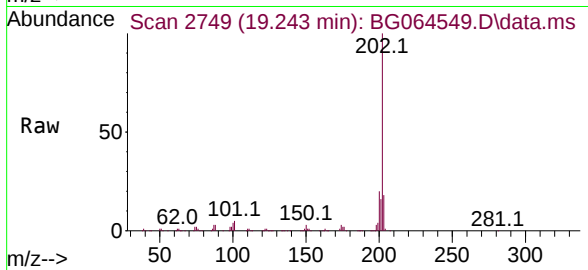
Tgt Ion:149 Resp: 278793
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 6.7 5.3 7.9





#75
Fluoranthene
Concen: 45.562 ng
RT: 19.243 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

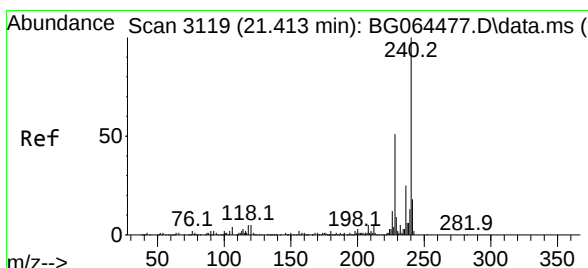
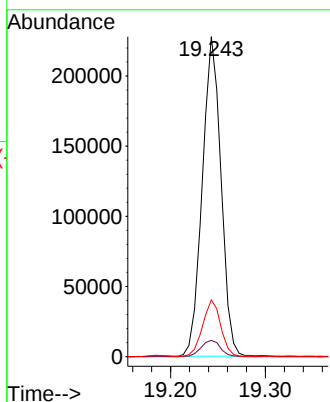
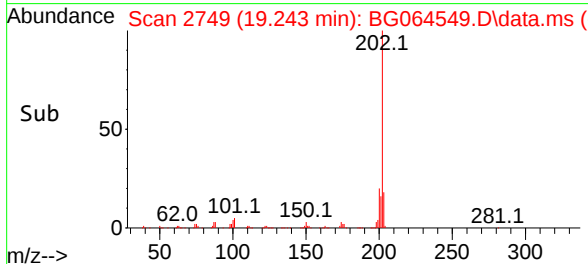
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:202 Resp: 312448
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.7
203 17.7 0.0 36.6

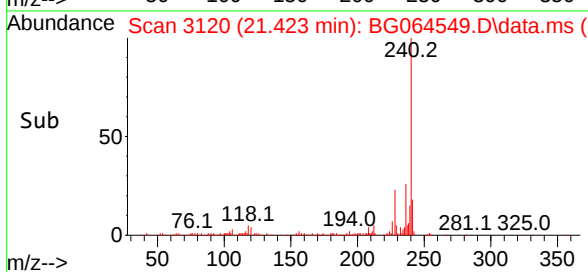
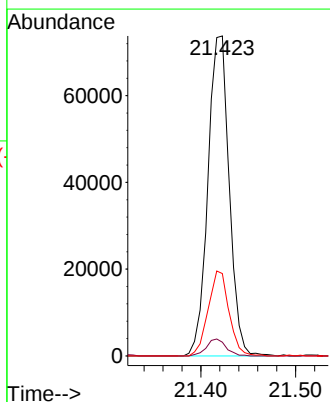
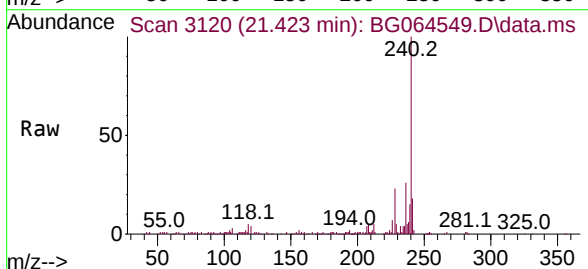
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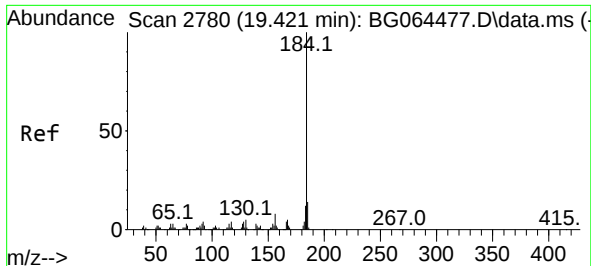
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.423 min Scan# 3120
Delta R.T. 0.013 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:240 Resp: 115066
Ion Ratio Lower Upper
240 100
120 4.3 4.3 6.5#
236 25.7 20.4 30.6





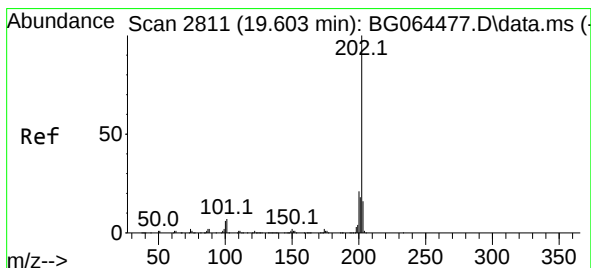
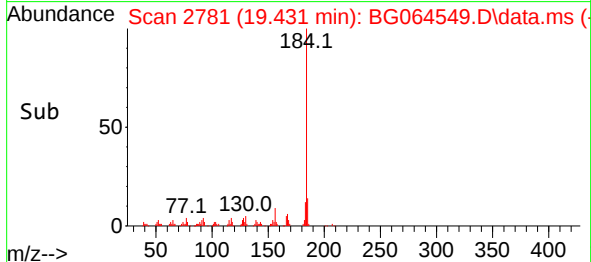
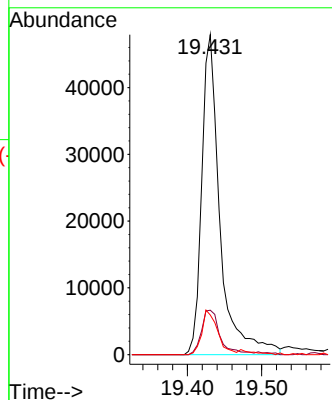
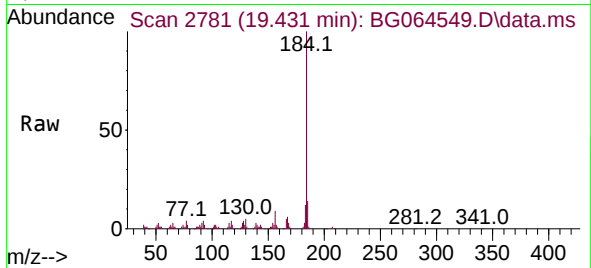
#77
Benzidine
Concen: 28.573 ng
RT: 19.431 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:184 Resp: 8181
Ion Ratio Lower Upper
184 100
185 13.9 10.9 16.3
183 12.4 9.8 14.6

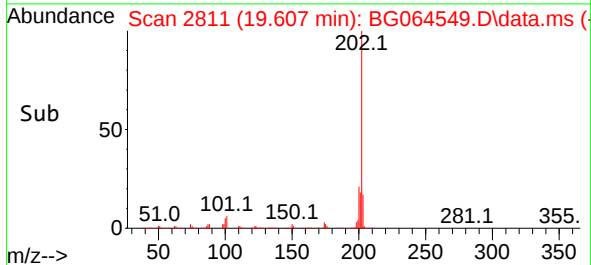
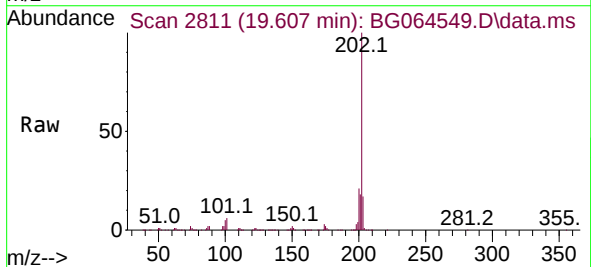
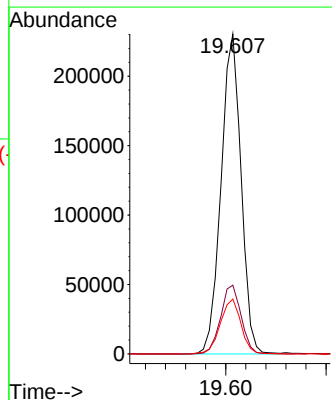
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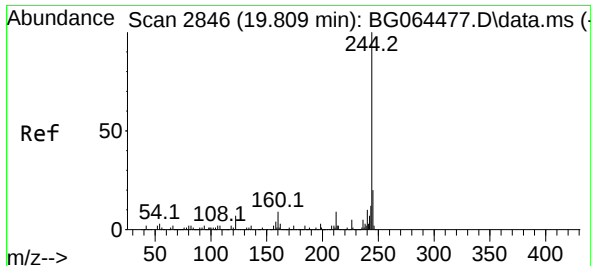
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#78
Pyrene
Concen: 42.785 ng
RT: 19.607 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

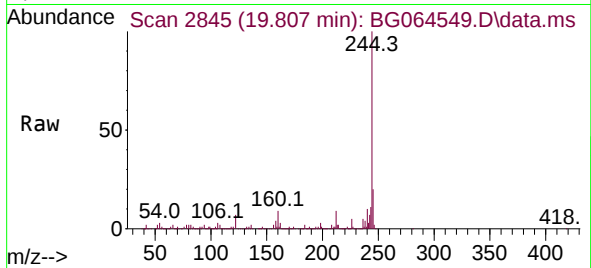
Tgt Ion:202 Resp: 319492
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.2 13.0 19.4





#79
 Terphenyl-d14
 Concen: 86.178 ng
 RT: 19.807 min Scan# 2846
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

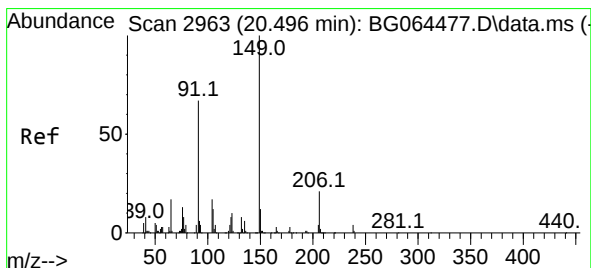
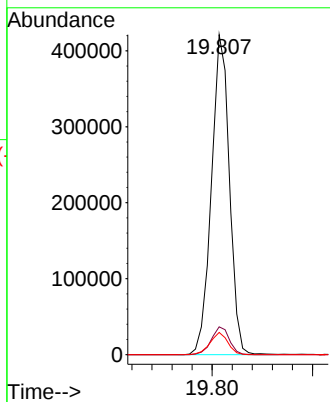
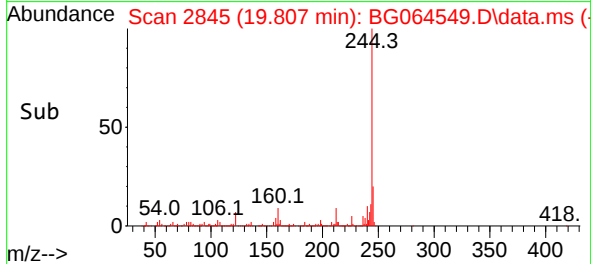
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS



Tgt Ion:244 Resp: 52397
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.9 5.6 8.4

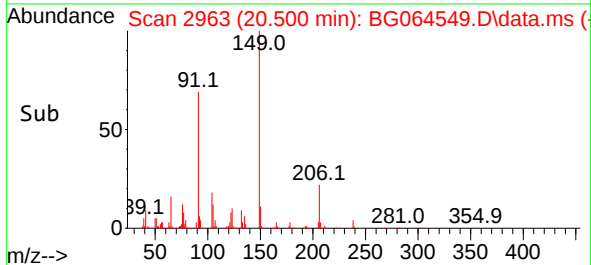
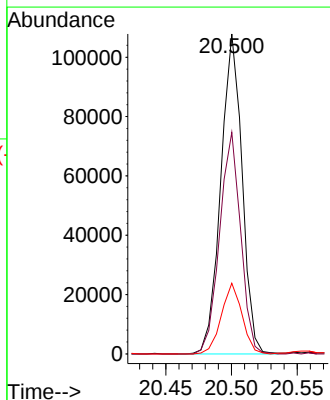
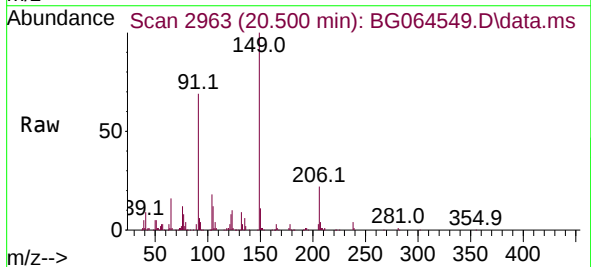
Manual Integrations
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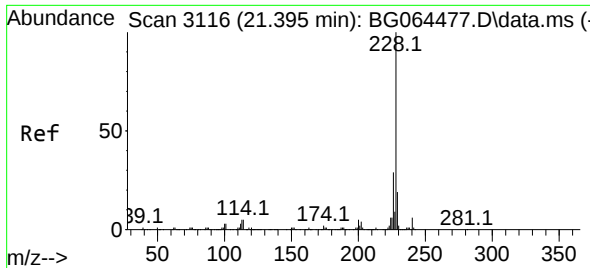
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#80
 Butylbenzylphthalate
 Concen: 46.042 ng
 RT: 20.500 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

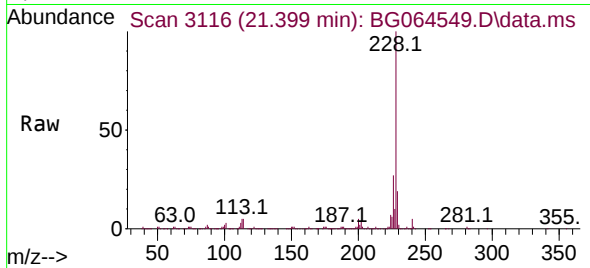
Tgt Ion:149 Resp: 121880
 Ion Ratio Lower Upper
 149 100
 91 69.2 53.7 80.5
 206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.971 ng
RT: 21.399 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

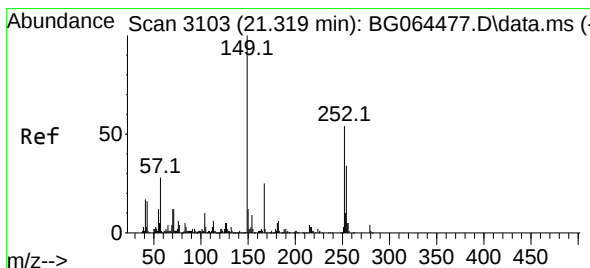
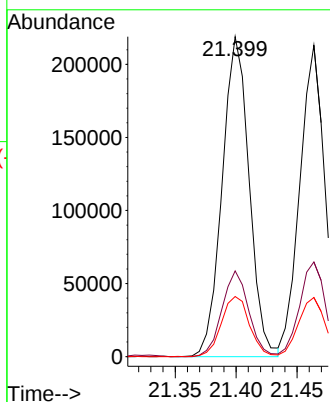
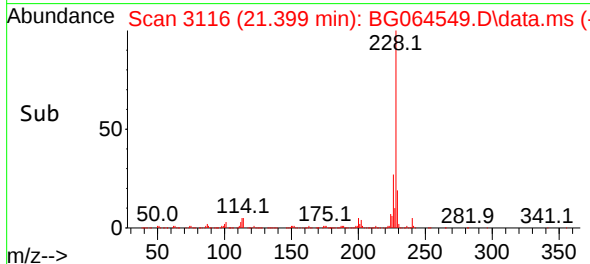
Instrument :
BNA_G
ClientSampleId :
PB170165BS



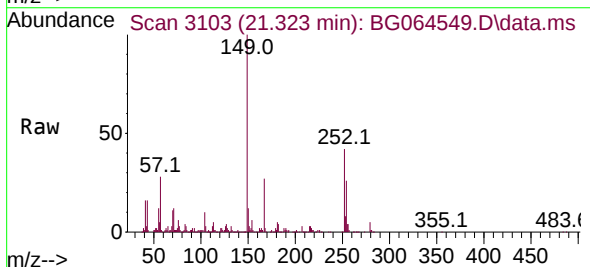
Tgt Ion:228 Resp: 337748
Ion Ratio Lower Upper
228 100
226 26.8 22.8 34.2
229 18.8 15.2 22.8

Manual Integrations
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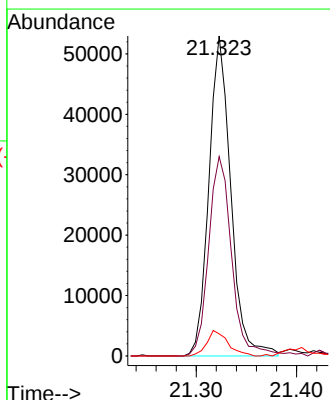
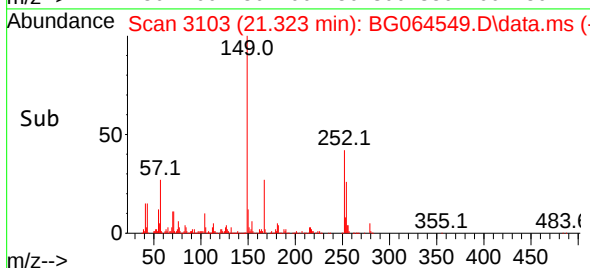
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

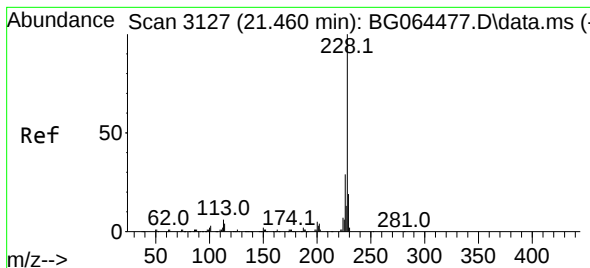


#82
3,3'-Dichlorobenzidine
Concen: 32.303 ng
RT: 21.323 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:252 Resp: 80327
Ion Ratio Lower Upper
252 100
254 62.3 50.5 75.7
126 6.9 7.1 10.7





#83

Chrysene

Concen: 43.720 ng

RT: 21.464 min Scan# 3127

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

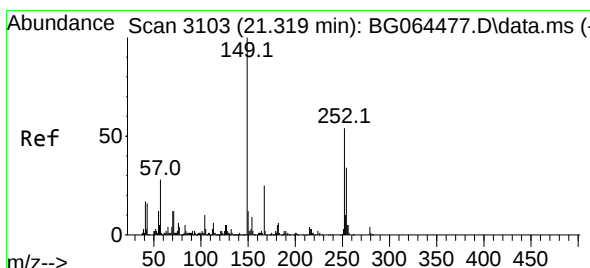
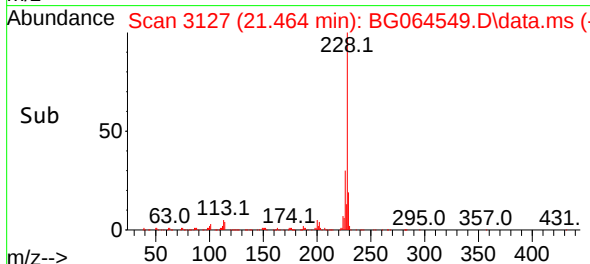
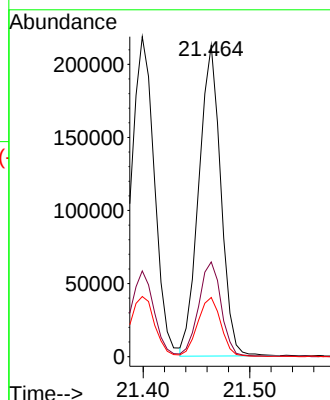
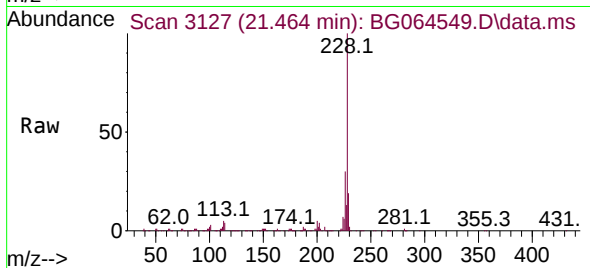
Tgt Ion:	228	Resp:	304625
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.8	34.2
229	19.0	15.4	23.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.213 ng

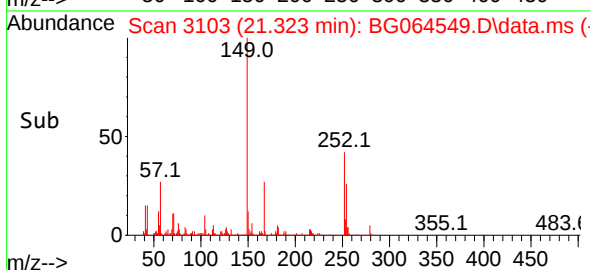
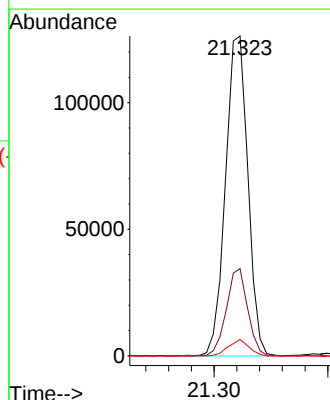
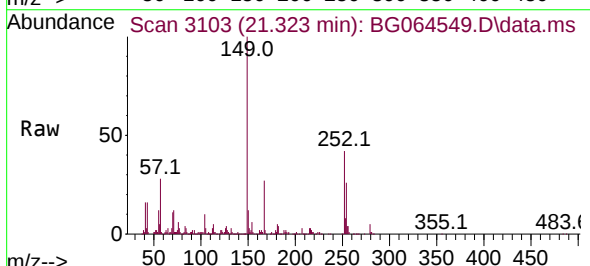
RT: 21.323 min Scan# 3103

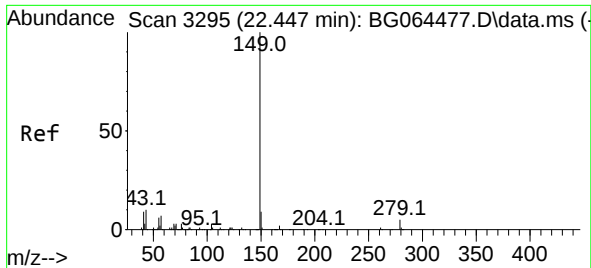
Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:	149	Resp:	172602
Ion Ratio	Lower	Upper	
149	100		
167	27.3	19.7	29.5
279	5.1	3.4	5.2





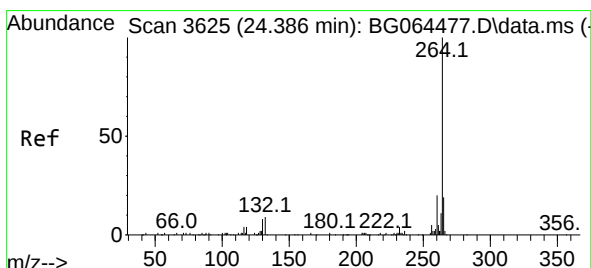
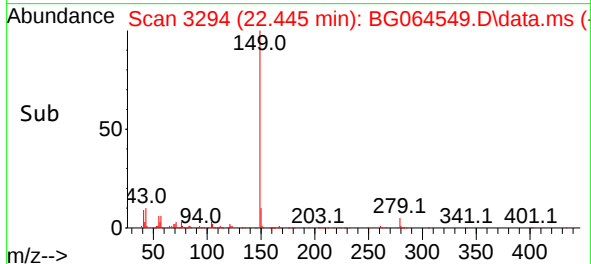
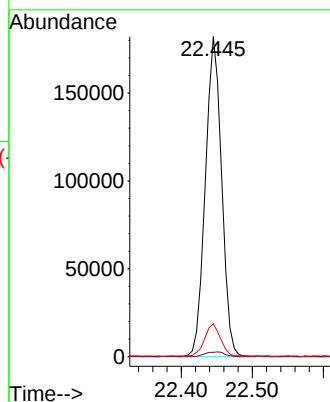
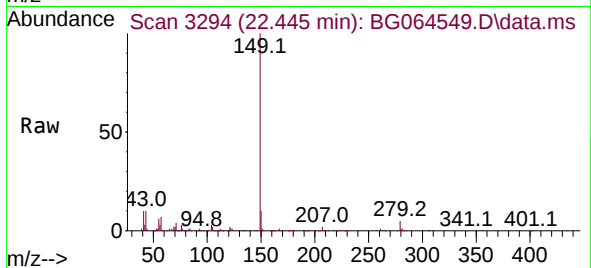
#85
Di-n-octyl phthalate
Concen: 45.976 ng
RT: 22.445 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:149 Resp: 288601
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 7.9 11.9

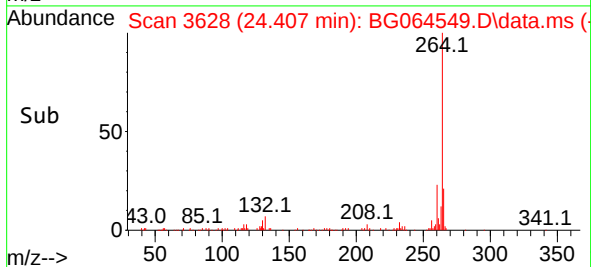
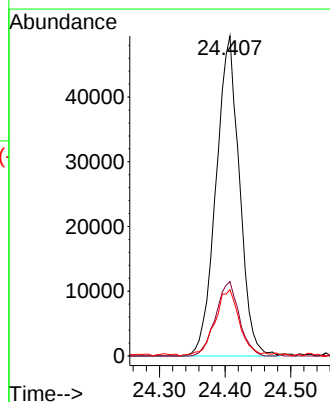
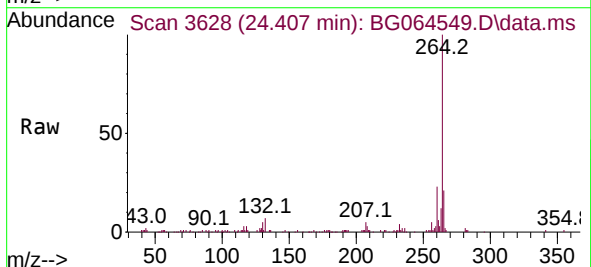
Manual Integrations
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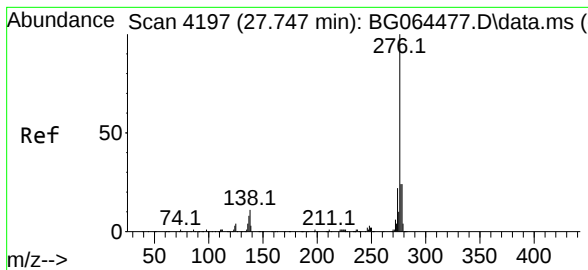
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 3628
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

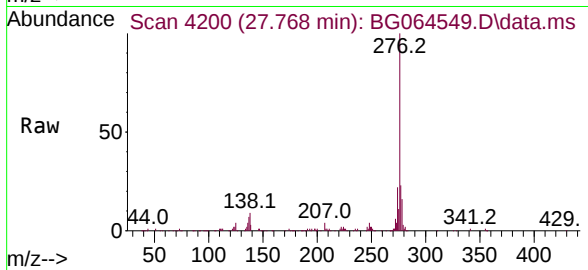
Tgt Ion:264 Resp: 122784
Ion Ratio Lower Upper
264 100
260 23.2 16.2 24.4
265 20.7 15.0 22.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.550 ng
 RT: 27.768 min Scan# 4197
 Delta R.T. 0.036 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

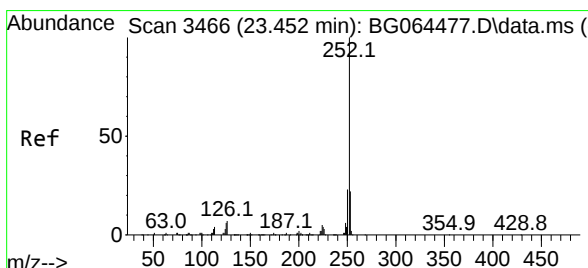
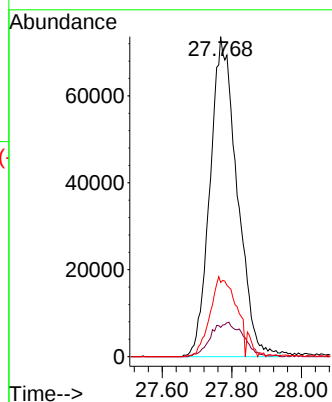
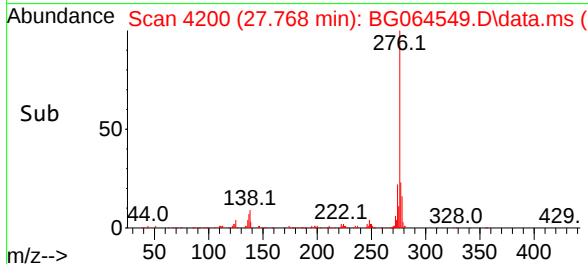
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS



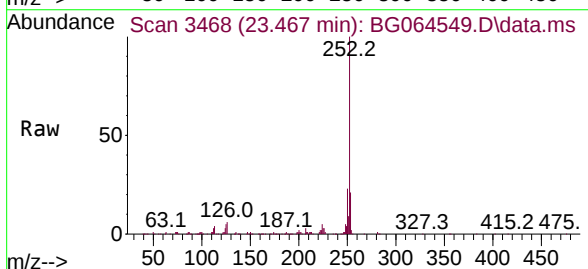
Tgt Ion:276 Resp: 397838
 Ion Ratio Lower Upper
 276 100
 138 4.6 10.8 16.2
 277 23.8 20.3 30.5

Manual Integrations
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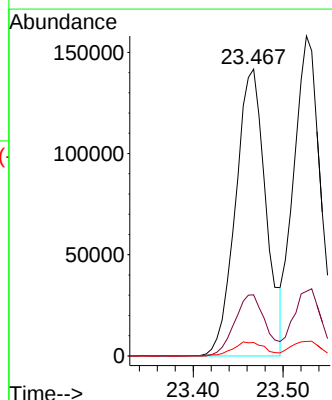
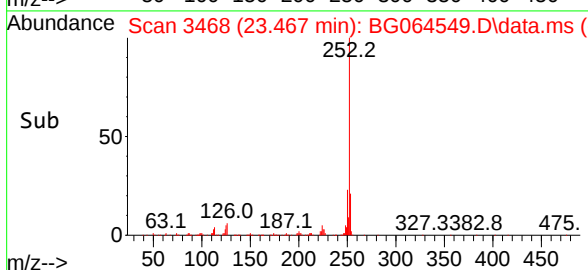
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

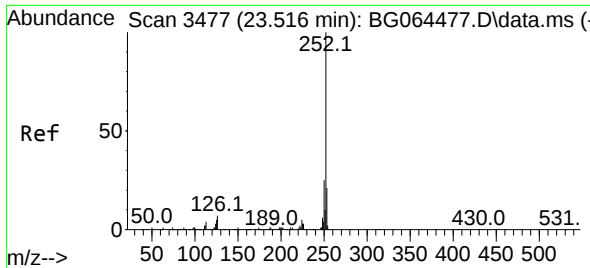


#88
 Benzo(b)fluoranthene
 Concen: 47.683 ng
 RT: 23.467 min Scan# 3468
 Delta R.T. 0.018 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25



Tgt Ion:252 Resp: 333073
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 4.7 4.5 6.7





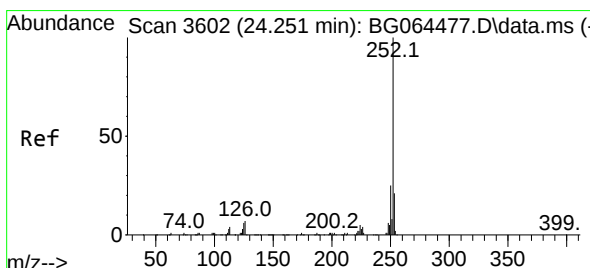
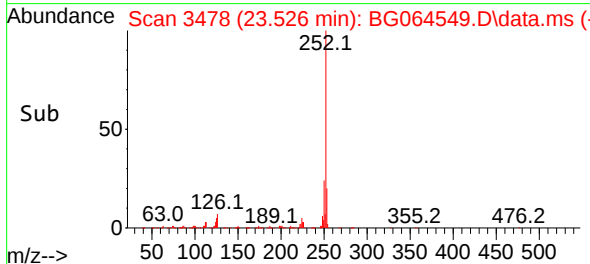
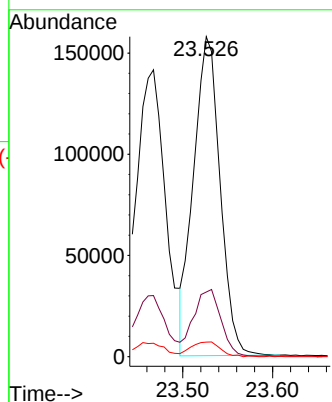
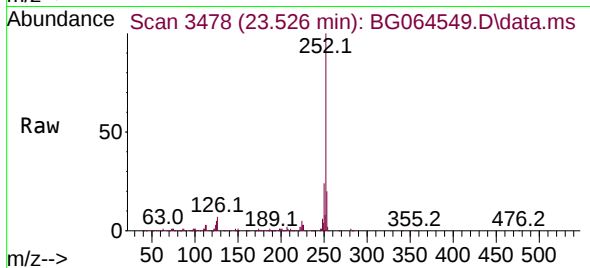
#89
Benzo(k)fluoranthene
Concen: 46.004 ng
RT: 23.526 min Scan# 3477
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:252 Resp: 32365
Ion Ratio Lower Upper
252 100
253 20.2 17.4 26.2
125 4.5 4.0 6.0

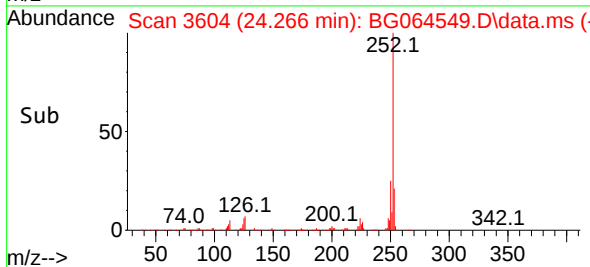
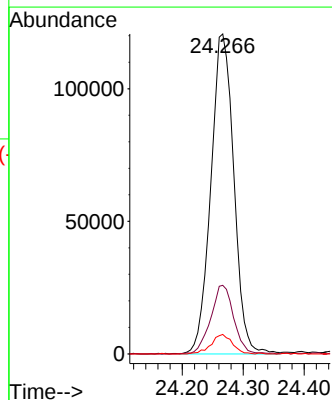
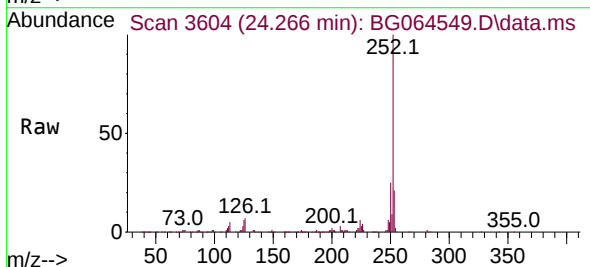
Manual Integrations
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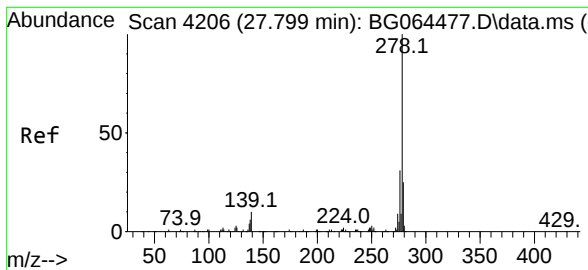
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#90
Benzo(a)pyrene
Concen: 49.130 ng
RT: 24.266 min Scan# 3604
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

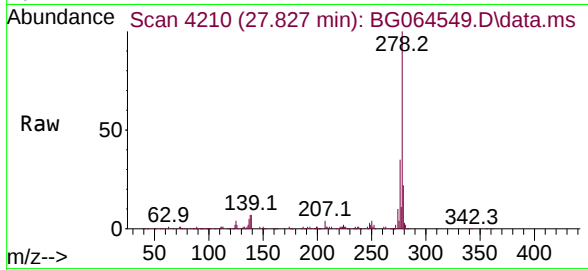
Tgt Ion:252 Resp: 316286
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 6.1 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 48.721 ng
RT: 27.827 min Scan# 4379
Delta R.T. 0.047 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

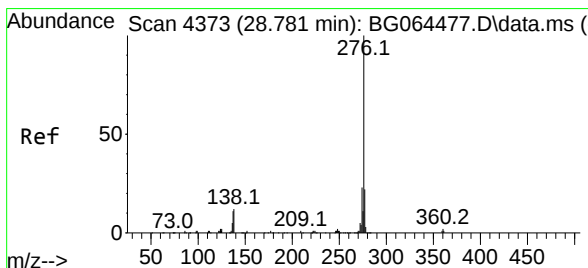
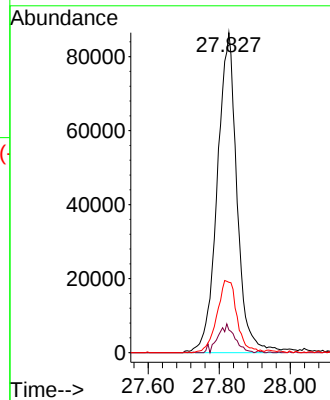
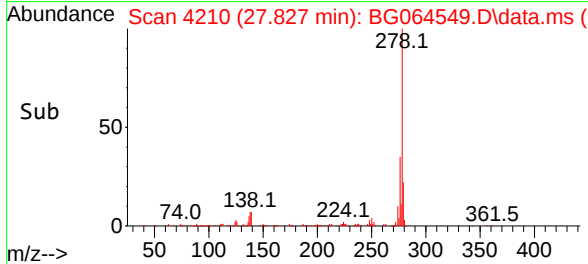
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:278 Resp: 332998
Ion Ratio Lower Upper
278 100
139 7.1 8.2 12.2
279 22.0 19.6 29.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.053 ng
RT: 28.820 min Scan# 4379
Delta R.T. 0.053 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 319167
Ion Ratio Lower Upper
276 100
277 23.8 17.8 26.6
138 11.0 9.4 14.0

