

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064281.D
 Acq On : 4 Sep 2025 13:15
 Operator : RC/JU
 Sample : PB169528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 14:11:46 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	26124	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	113302	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	81181	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	179382	20.000	ng	0.00
76) Chrysene-d12	21.451	240	190221	20.000	ng	0.00
86) Perylene-d12	24.459	264	210985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	227371	156.150	ng	0.00
7) Phenol-d6	7.027	99	305309	152.620	ng	0.00
23) Nitrobenzene-d5	9.007	82	210745	103.735	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	167806	156.058	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	522374	98.216	ng	0.00
79) Terphenyl-d14	19.841	244	955819	104.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	23594	38.875	ng	96
3) Pyridine	3.736	79	68279	38.218	ng	# 58
4) n-Nitrosodimethylamine	3.660	42	58653	49.635	ng	95
6) Aniline	7.179	93	91264	32.991	ng	98
8) 2-Chlorophenol	7.420	128	95757	53.816	ng	98
9) Benzaldehyde	6.991	77	38577	23.433	ng	96
10) Phenol	7.056	94	116135	52.657	ng	95
11) bis(2-Chloroethyl)ether	7.279	93	75468	45.536	ng	97
12) 1,3-Dichlorobenzene	7.743	146	95820	50.619	ng	94
13) 1,4-Dichlorobenzene	7.890	146	99601	52.135	ng	99
14) 1,2-Dichlorobenzene	8.208	146	95883	52.003	ng	94
15) Benzyl Alcohol	8.090	79	91411	49.517	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.384	45	154479	40.826	ng	98
17) 2-Methylphenol	8.296	107	80895	49.214	ng	94
18) Hexachloroethane	8.930	117	37300	50.018	ng	86
19) n-Nitroso-di-n-propyla...	8.654	70	70420	45.996	ng	97
20) 3+4-Methylphenols	8.625	107	110105	48.207	ng	98
22) Acetophenone	8.672	105	145205	50.657	ng	# 98
24) Nitrobenzene	9.048	77	108651	51.187	ng	99
25) Isophorone	9.571	82	194073	45.964	ng	96
26) 2-Nitrophenol	9.759	139	50739	55.321	ng	# 84
27) 2,4-Dimethylphenol	9.823	122	95431	59.264	ng	98
28) bis(2-Chloroethoxy)met...	10.052	93	108183	47.518	ng	97
29) 2,4-Dichlorophenol	10.293	162	94111	55.391	ng	98
30) 1,2,4-Trichlorobenzene	10.505	180	98372	54.912	ng	93
31) Naphthalene	10.693	128	290889	49.510	ng	99
32) Benzoic acid	9.976	122	65688m	51.390	ng	
33) 4-Chloroaniline	10.799	127	48296	21.209	ng	95
34) Hexachlorobutadiene	10.981	225	71867	54.271	ng	91
35) Caprolactam	11.562	113	30502m	46.364	ng	
36) 4-Chloro-3-methylphenol	11.927	107	109743	49.783	ng	99
37) 2-Methylnaphthalene	12.303	142	197164	45.147	ng	98
38) 1-Methylnaphthalene	12.520	142	205729	47.694	ng	97
40) 1,2,4,5-Tetrachloroben...	12.673	216	121002	51.659	ng	98
41) Hexachlorocyclopentadiene	12.655	237	181544	163.079	ng	90
43) 2,4,6-Trichlorophenol	12.914	196	82520	52.709	ng	96

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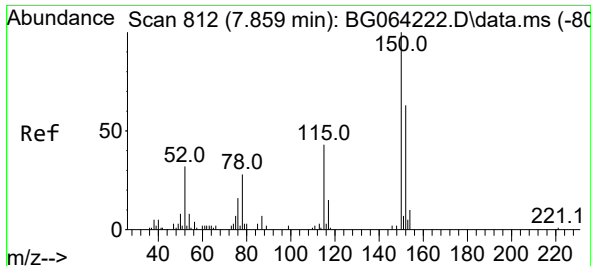
Manual Integrations
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Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

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 Response via : Initial Calibration

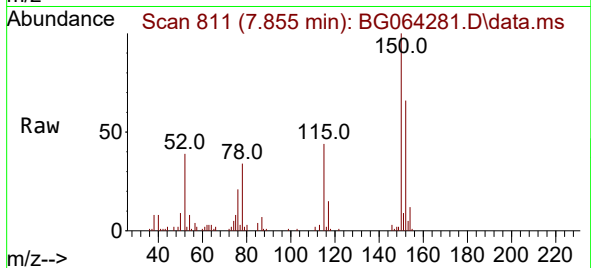
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	90351	53.201	ng	93
46) 1,1'-Biphenyl	13.313	154	297008	50.231	ng	99
47) 2-Chloronaphthalene	13.354	162	216719	48.754	ng	97
48) 2-Nitroaniline	13.554	65	77800	51.350	ng	99
49) Acenaphthylene	14.201	152	362714	55.199	ng	98
50) Dimethylphthalate	13.942	163	295483	48.087	ng	99
51) 2,6-Dinitrotoluene	14.054	165	64112	53.895	ng	97
52) Acenaphthene	14.547	154	219425	47.318	ng	96
53) 3-Nitroaniline	14.383	138	37602	30.176	ng	95
54) 2,4-Dinitrophenol	14.588	184	80531	101.947	ng	# 83
55) Dibenzofuran	14.882	168	356335	48.853	ng	99
56) 4-Nitrophenol	14.700	139	102086	99.873	ng	89
57) 2,4-Dinitrotoluene	14.841	165	97311	54.102	ng	97
58) Fluorene	15.528	166	292905	48.994	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.105	232	89773	54.960	ng	# 96
60) Diethylphthalate	15.305	149	314643	47.846	ng	100
61) 4-Chlorophenyl-phenyle...	15.523	204	146134	49.027	ng	98
62) 4-Nitroaniline	15.546	138	63687	50.088	ng	98
63) Azobenzene	15.816	77	282189	48.145	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	61587	59.800	ng	94
66) n-Nitrosodiphenylamine	15.740	169	258391	52.363	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	103221	54.177	ng	96
68) Hexachlorobenzene	16.533	284	112952	53.386	ng	94
69) Atrazine	16.686	200	110574	53.666	ng	97
70) Pentachlorophenol	16.874	266	146856	114.474	ng	95
71) Phenanthrene	17.262	178	485087	51.271	ng	98
72) Anthracene	17.356	178	499057	51.855	ng	98
73) Carbazole	17.620	167	447139	52.740	ng	99
74) Di-n-butylphthalate	18.190	149	540453	53.059	ng	98
75) Fluoranthene	19.271	202	583257	52.429	ng	99
77) Benzidine	19.453	184	160589	40.131	ng	99
78) Pyrene	19.635	202	600312	50.092	ng	100
80) Butylbenzylphthalate	20.528	149	238979	52.870	ng	99
81) Benzo(a)anthracene	21.433	228	626328	51.467	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	108775	27.445	ng	98
83) Chrysene	21.498	228	591834	50.657	ng	100
84) Bis(2-ethylhexyl)phtha...	21.357	149	356351	52.511	ng	99
85) Di-n-octyl phthalate	22.497	149	612540	51.802	ng	97
87) Indeno(1,2,3-cd)pyrene	27.849	276	756132	52.478	ng	# 98
88) Benzo(b)fluoranthene	23.513	252	618080	51.906	ng	98
89) Benzo(k)fluoranthene	23.578	252	619892	51.099	ng	# 97
90) Benzo(a)pyrene	24.324	252	602048	54.352	ng	97
91) Dibenzo(a,h)anthracene	27.908	278	618616	53.473	ng	97
92) Benzo(g,h,i)perylene	28.913	276	606574	53.884	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

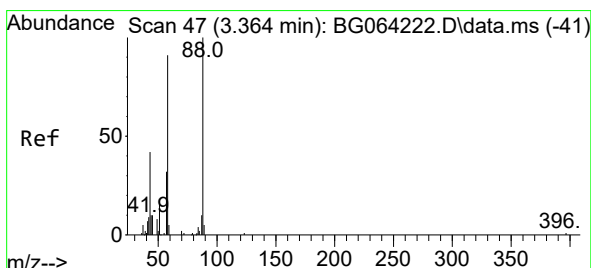
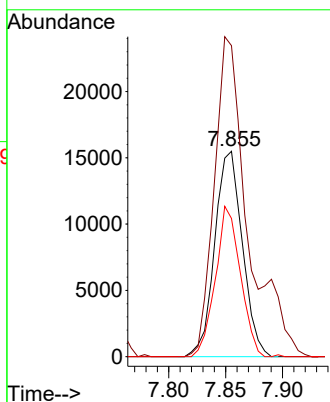
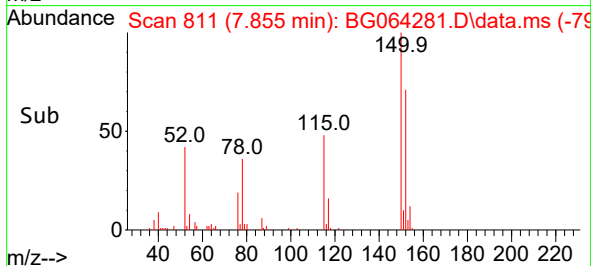
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion:152 Resp: 26124
Ion Ratio Lower Upper
152 100
150 151.4 128.0 192.0
115 67.3 55.7 83.5

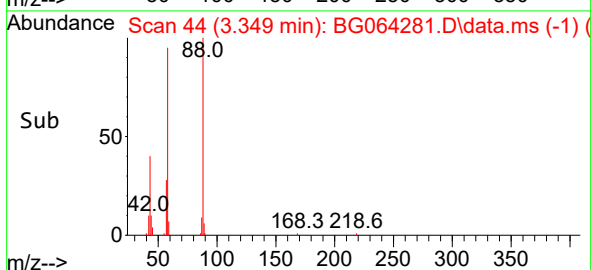
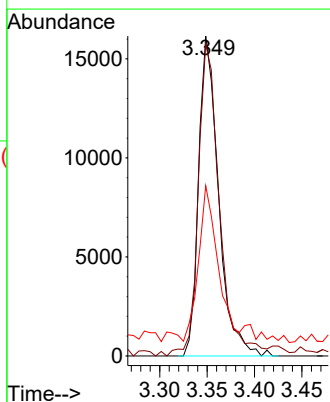
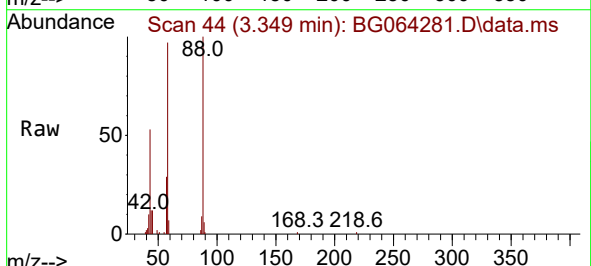
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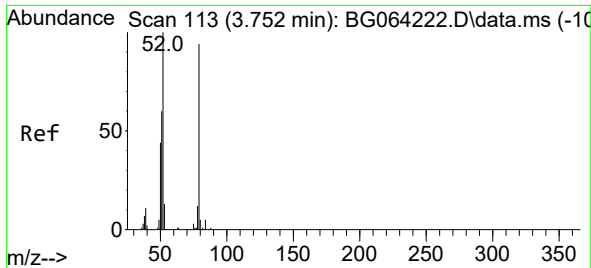
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#2
1,4-Dioxane
Concen: 38.875 ng
RT: 3.349 min Scan# 44
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

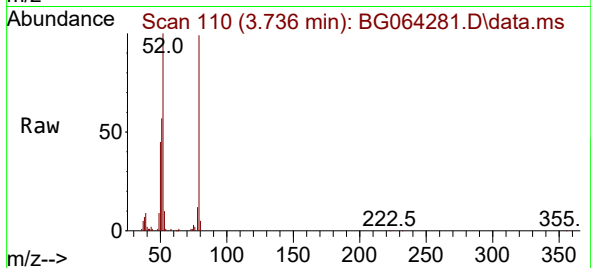
Tgt Ion: 88 Resp: 23594
Ion Ratio Lower Upper
88 100
58 104.0 80.8 121.2
43 47.0 40.3 60.5





#3
Pyridine
Concen: 38.218 ng
RT: 3.736 min Scan# 113
Delta R.T. -0.016 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

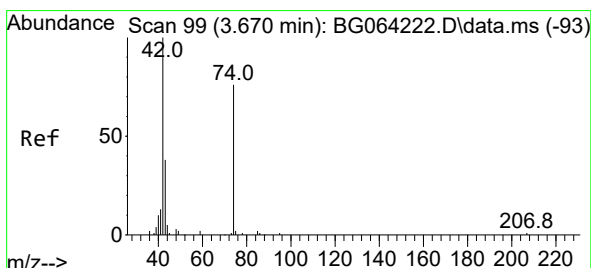
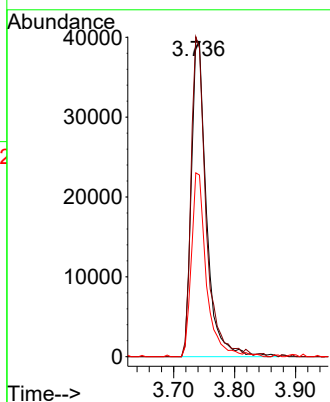
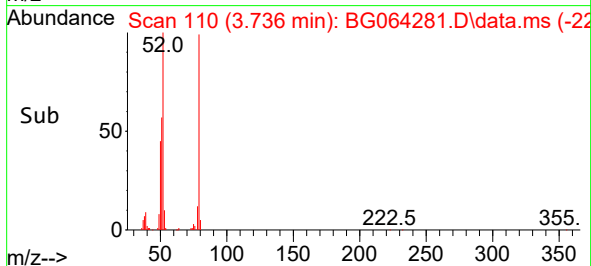
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion: 79 Resp: 68279
Ion Ratio Lower Upper
79 100
52 101.1 86.6 129.8
51 58.1 114.1 171.1

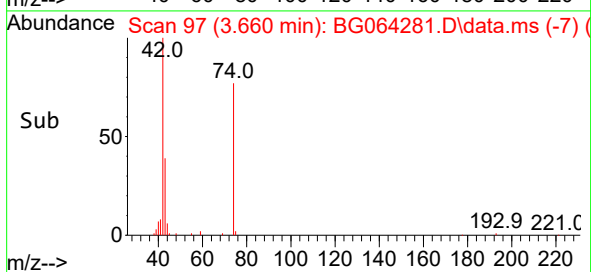
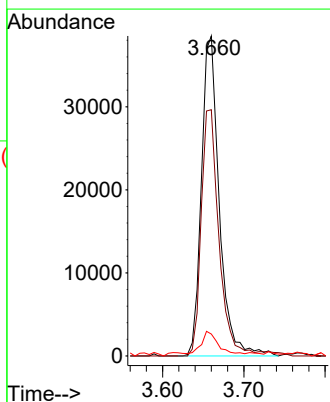
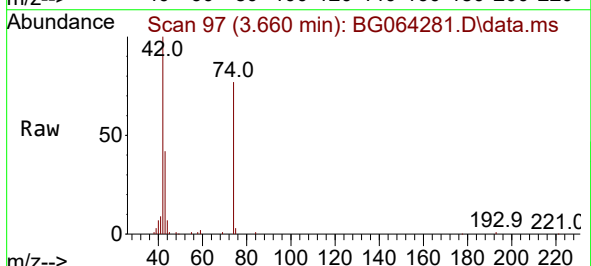
Manual Integrations
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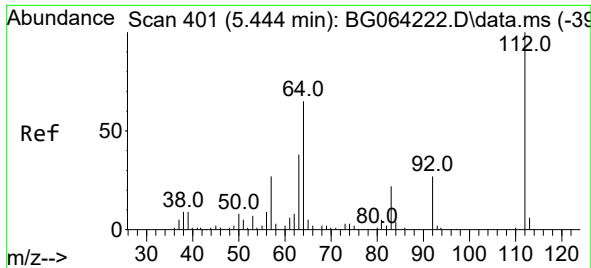
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#4
n-Nitrosodimethylamine
Concen: 49.635 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion: 42 Resp: 58653
Ion Ratio Lower Upper
42 100
74 77.0 58.0 87.0
44 6.8 5.5 8.3





#5
2-Fluorophenol
Concen: 156.150 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.002 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

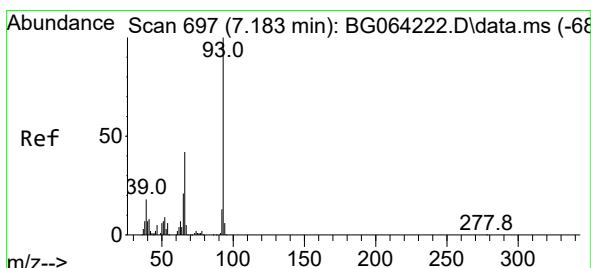
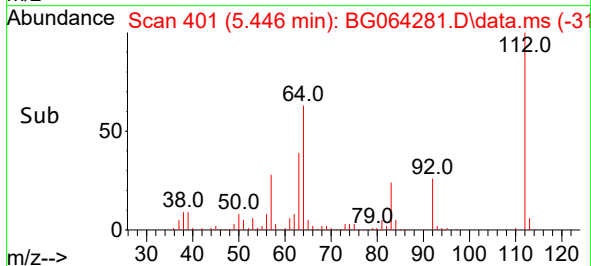
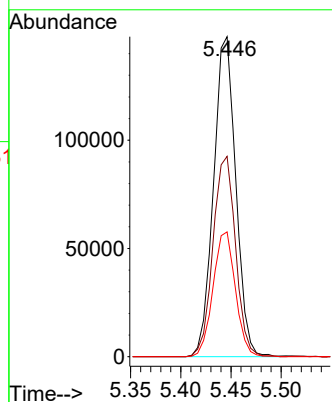
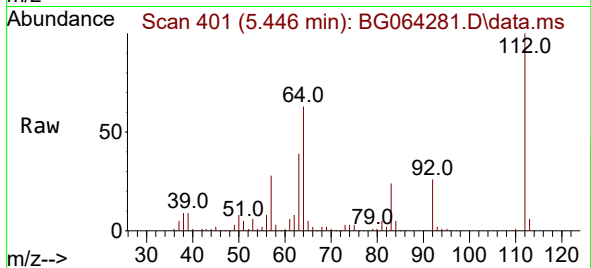
Tgt Ion:112 Resp: 22737
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 39.0 30.6 45.8

Manual Integrations

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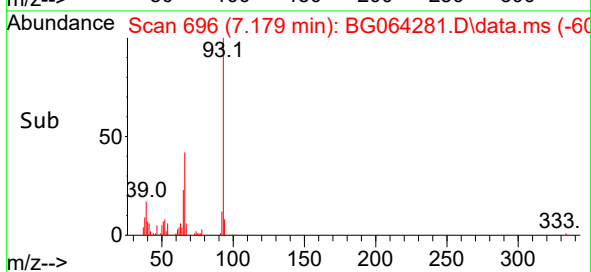
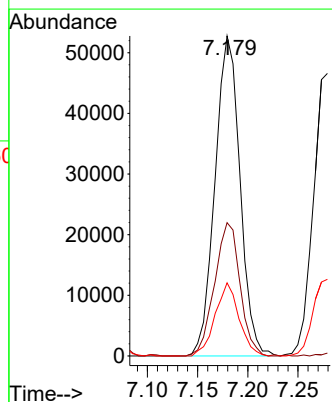
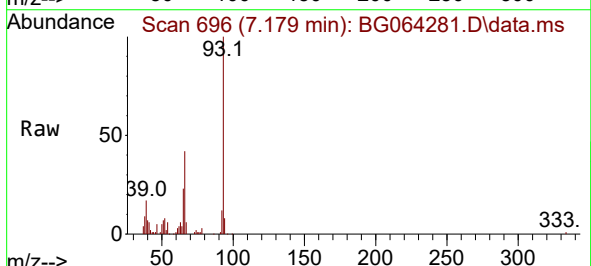
Reviewed By :Rahul Chavli 09/05/2025

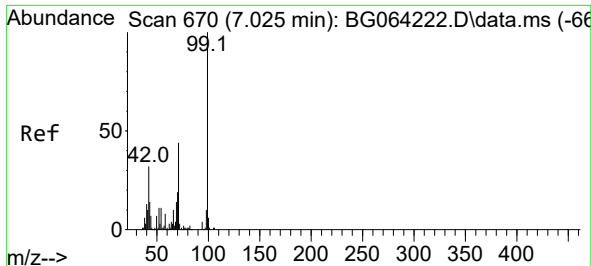
Supervised By :Jagrut Upadhyay 09/05/2025



#6
Aniline
Concen: 32.991 ng
RT: 7.179 min Scan# 696
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion: 93 Resp: 91264
Ion Ratio Lower Upper
93 100
66 41.6 33.8 50.8
65 22.9 16.9 25.3





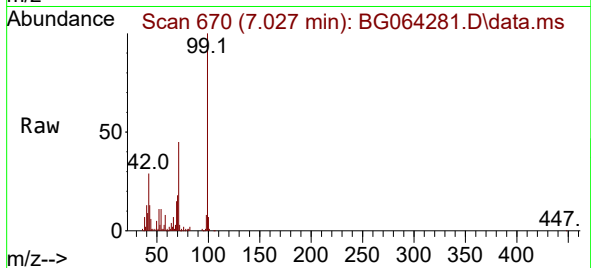
#7
Phenol-d6
Concen: 152.620 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

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ClientSampleId :

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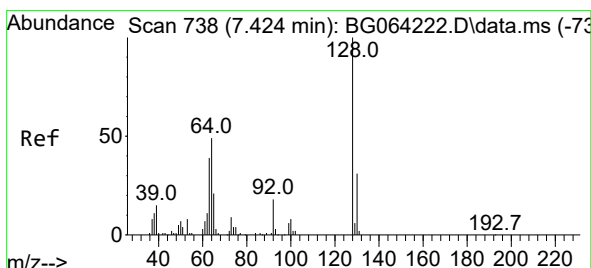
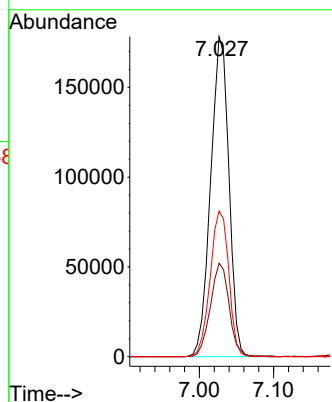
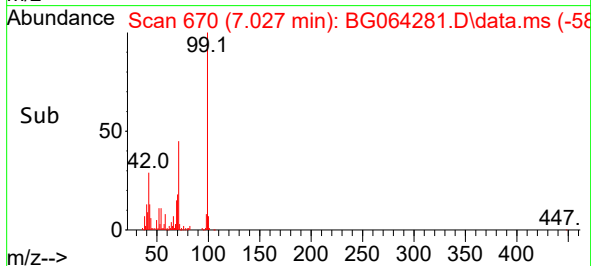
Tgt Ion: 99 Resp: 305309
Ion Ratio Lower Upper
99 100
42 29.2 25.8 38.8
71 45.5 35.2 52.8

Manual Integrations

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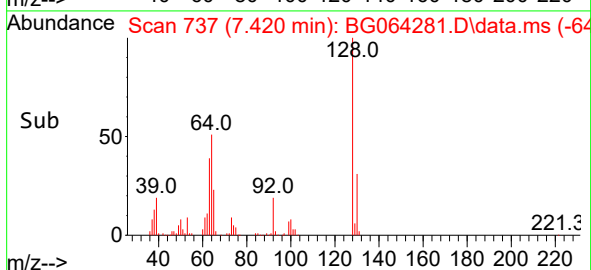
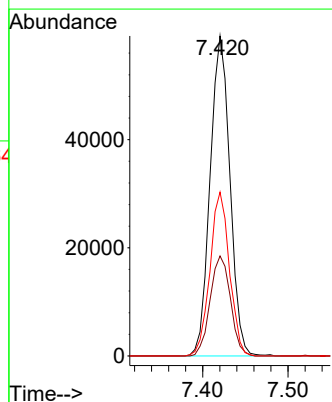
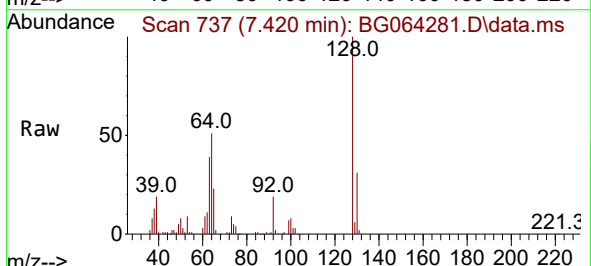
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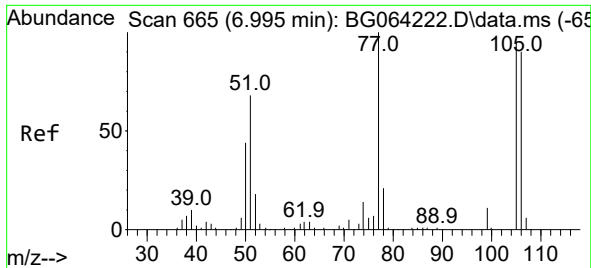
Supervised By :Jagrut Upadhyay 09/05/2025



#8
2-Chlorophenol
Concen: 53.816 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:128 Resp: 95757
Ion Ratio Lower Upper
128 100
130 31.2 10.9 50.9
64 51.2 28.7 68.7





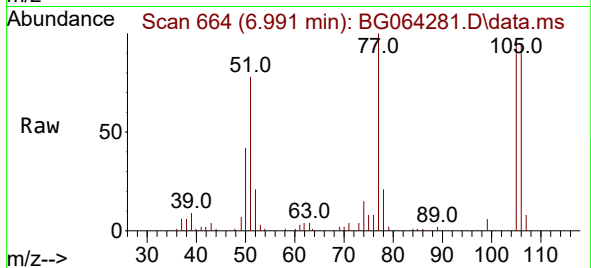
#9
Benzaldehyde
Concen: 23.433 ng
RT: 6.991 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



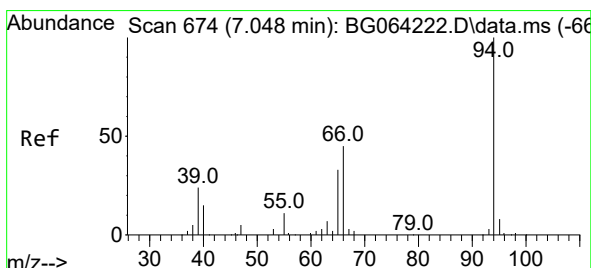
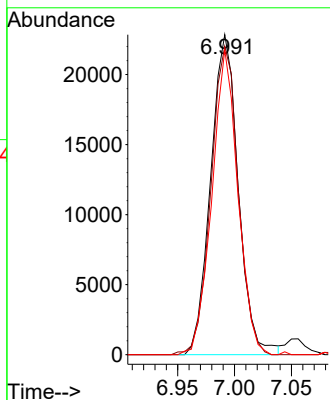
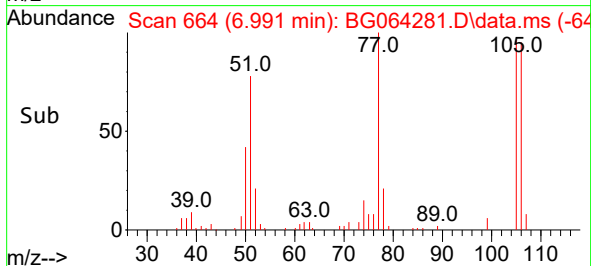
Tgt Ion: 77 Resp: 3857
Ion Ratio Lower Upper
77 100
105 96.4 75.2 115.2
106 95.2 69.6 109.6

Manual Integrations

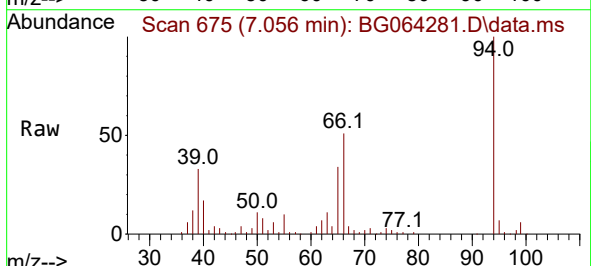
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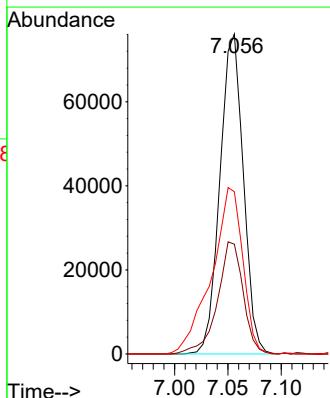
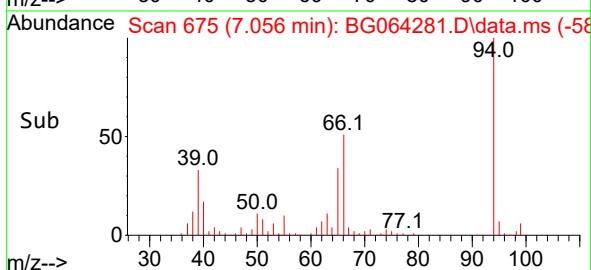
Supervised By :Jagrut Upadhyay 09/05/2025

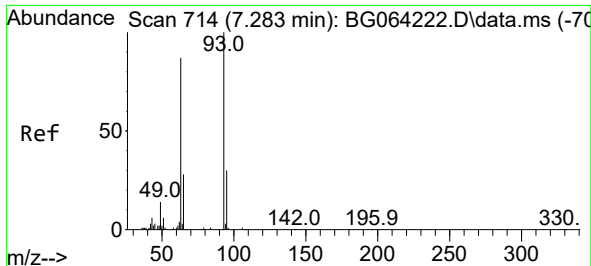


#10
Phenol
Concen: 52.657 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



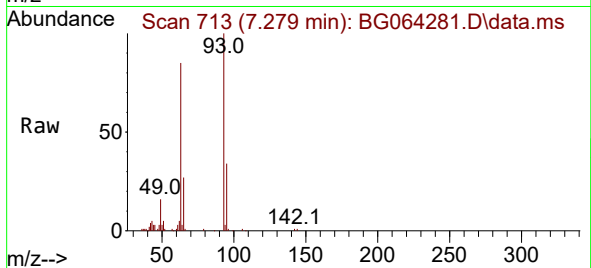
Tgt Ion: 94 Resp: 116135
Ion Ratio Lower Upper
94 100
65 34.3 13.5 53.5
66 50.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 45.536 ng
RT: 7.279 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

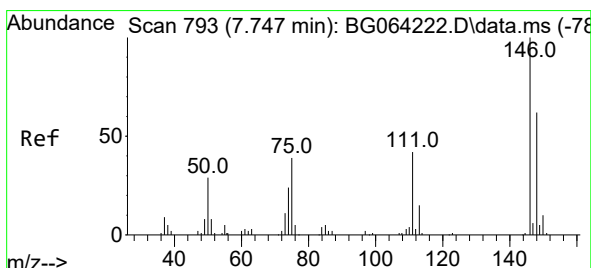
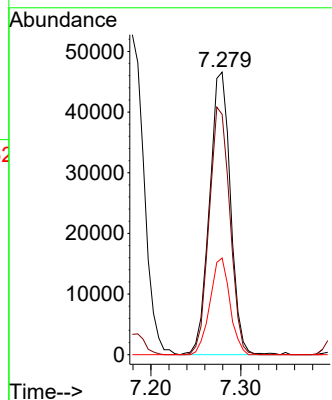
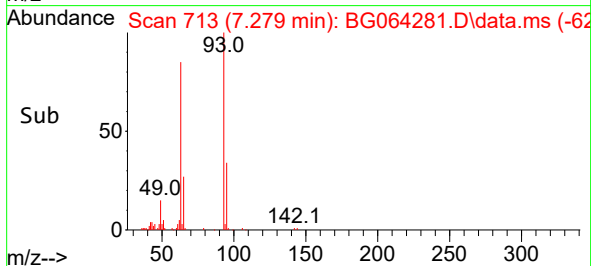
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion: 93 Resp: 75468
Ion Ratio Lower Upper
93 100
63 85.1 66.2 106.2
95 34.2 9.8 49.8

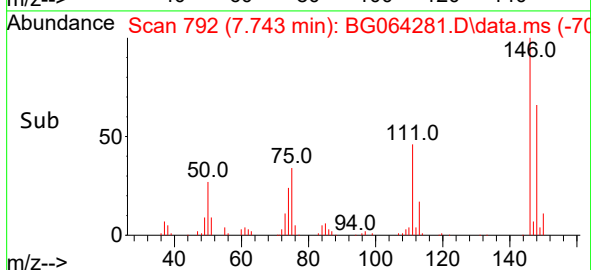
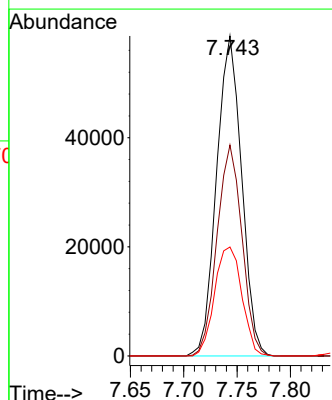
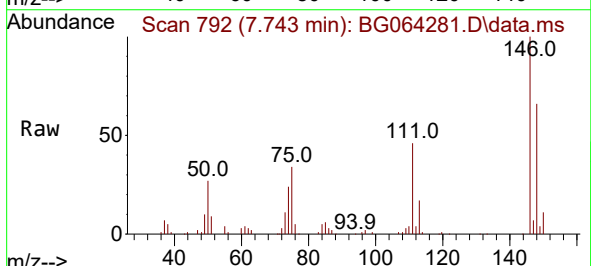
Manual Integrations
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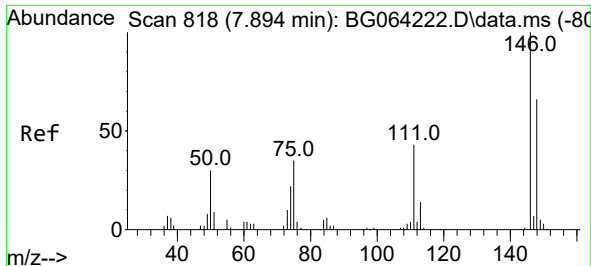
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#12
1,3-Dichlorobenzene
Concen: 50.619 ng
RT: 7.743 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:146 Resp: 95820
Ion Ratio Lower Upper
146 100
148 65.9 49.6 74.4
75 34.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 52.135 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

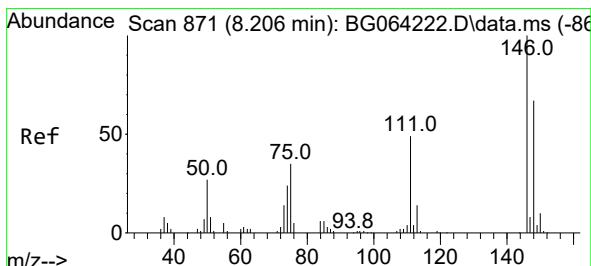
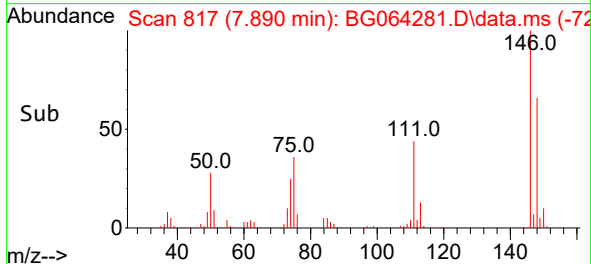
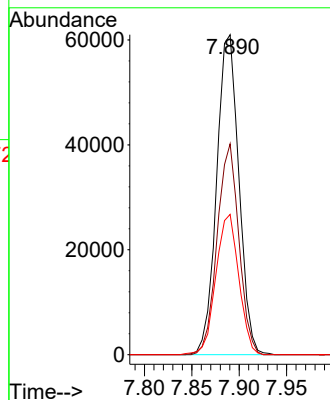
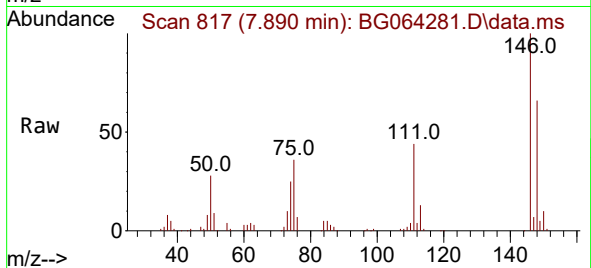
Tgt Ion:146 Resp: 9960
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.8 79.2
 111 43.9 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#14

1,2-Dichlorobenzene

Concen: 52.003 ng

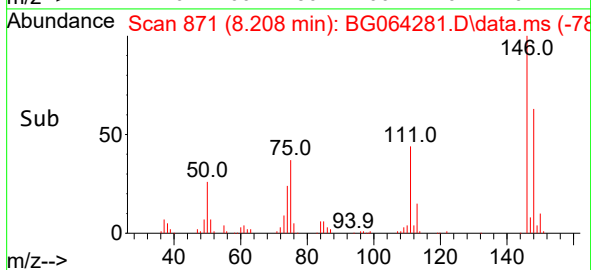
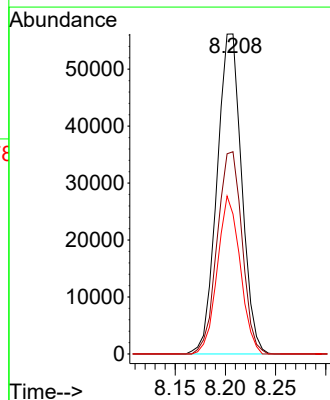
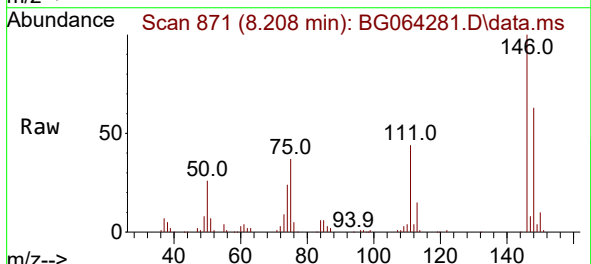
RT: 8.208 min Scan# 871

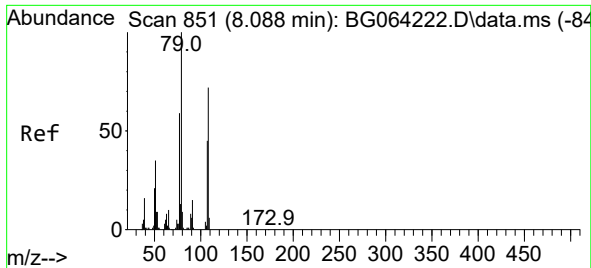
Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

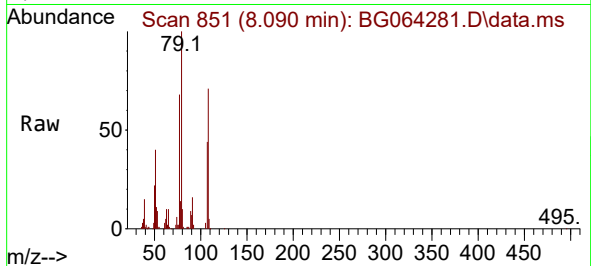
Tgt Ion:146 Resp: 95883
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.4 80.0
 111 43.7 39.1 58.7





#15
Benzyl Alcohol
Concen: 49.517 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

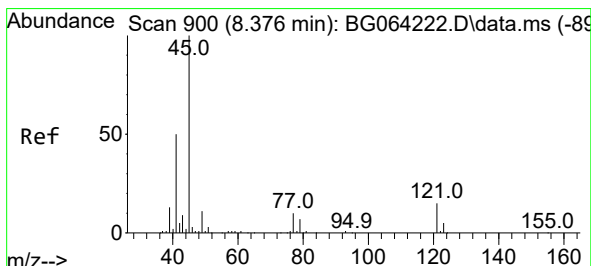
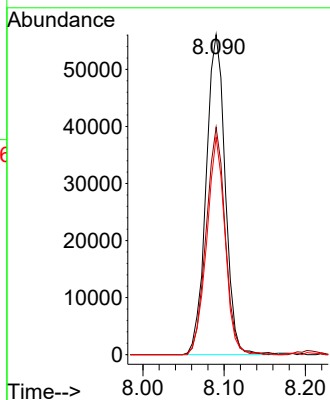
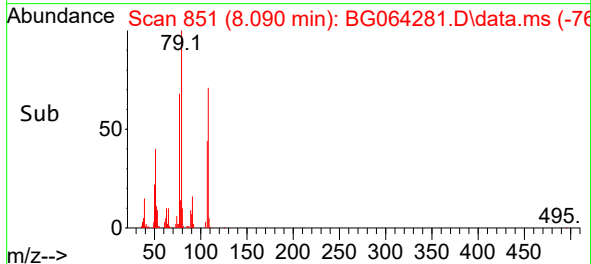
Instrument :
BNA_G
ClientSampleId :
PB169528BS



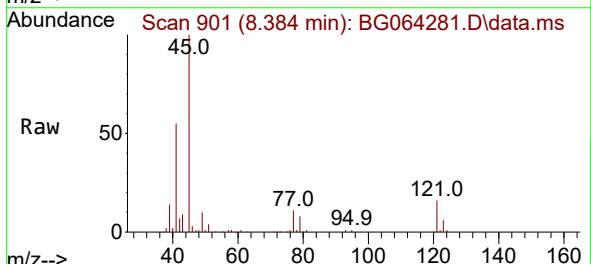
Tgt Ion: 79 Resp: 9141
Ion Ratio Lower Upper
79 100
108 71.1 57.4 86.0
77 68.0 47.2 70.8

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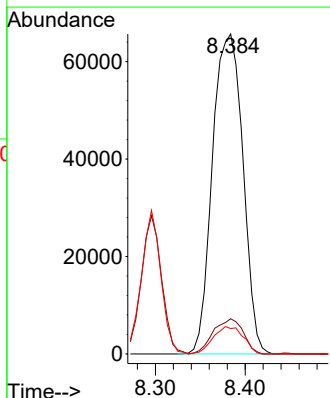
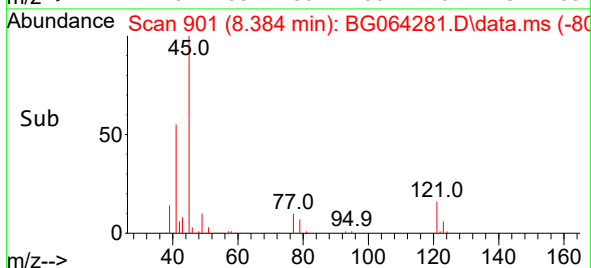
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

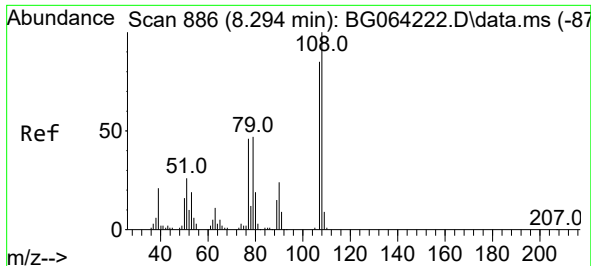


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.826 ng
RT: 8.384 min Scan# 901
Delta R.T. 0.008 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion: 45 Resp: 154479
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 8.0 0.0 27.9





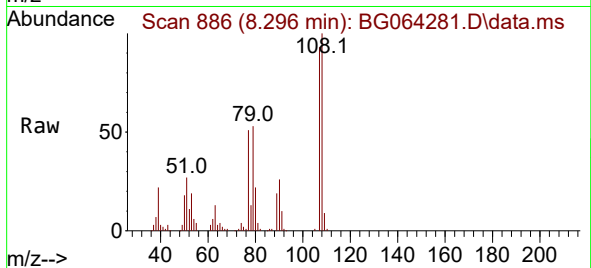
#17
2-Methylphenol
Concen: 49.214 ng
RT: 8.296 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



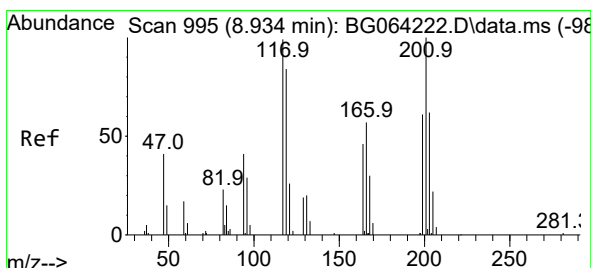
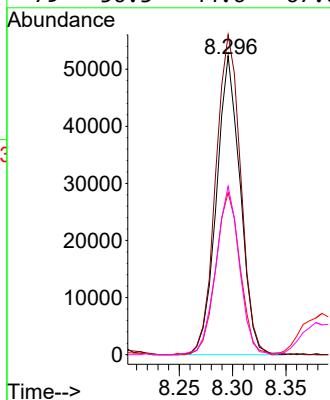
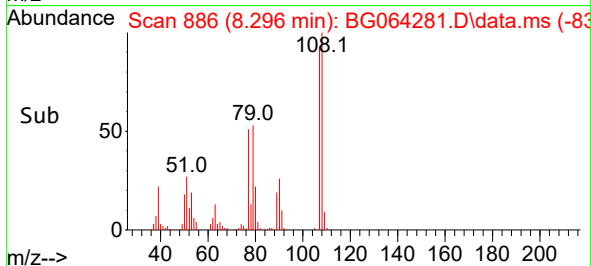
Tgt Ion:	107	Resp:	8089
Ion Ratio	Lower	Upper	
107	100		
108	107.1	94.6	141.8
77	54.2	43.7	65.5
79	56.3	44.6	67.0

Manual Integrations

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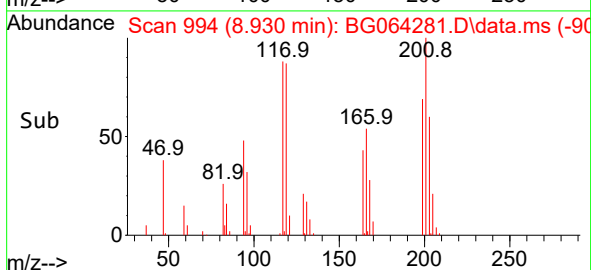
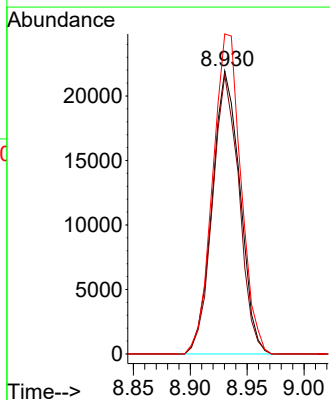
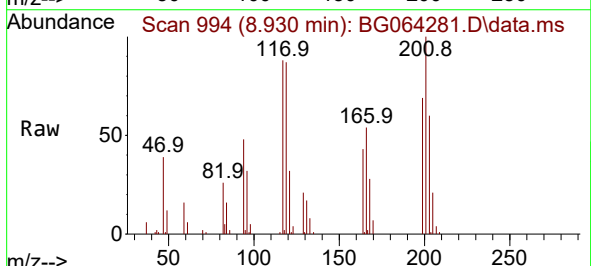
Reviewed By :Rahul Chavli 09/05/2025

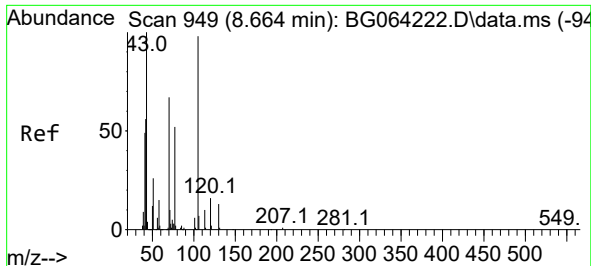
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 50.018 ng
RT: 8.930 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:	117	Resp:	37300
Ion Ratio	Lower	Upper	
117	100		
119	98.5	67.9	101.9
201	113.1	80.5	120.7





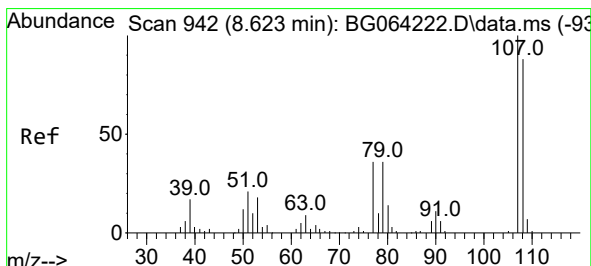
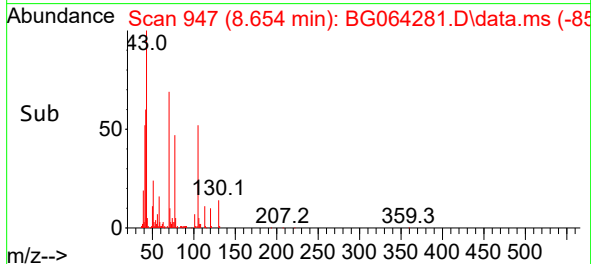
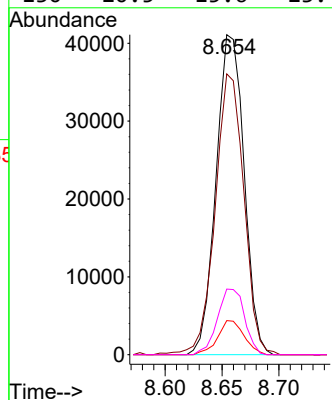
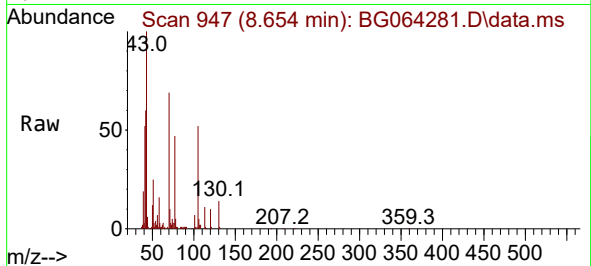
#19
n-Nitroso-di-n-propylamine
Concen: 45.996 ng
RT: 8.654 min Scan# 949
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :
BNA_G
ClientSampleId :
PB169528BS

Tgt Ion: 70 Resp: 70420
Ion Ratio Lower Upper
70 100
42 87.8 67.9 101.9
101 10.6 7.3 10.9
130 20.5 15.6 23.4

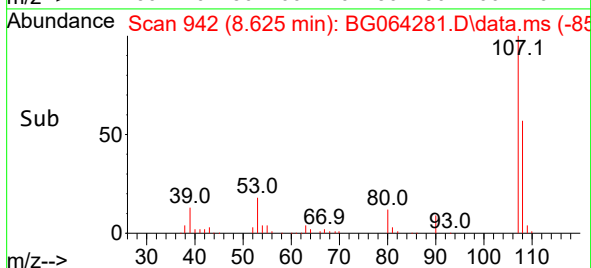
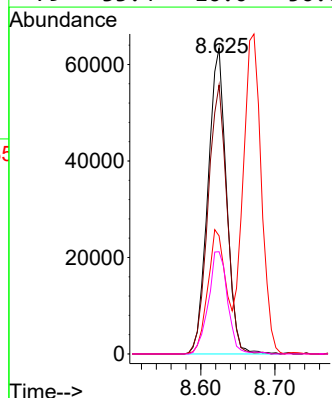
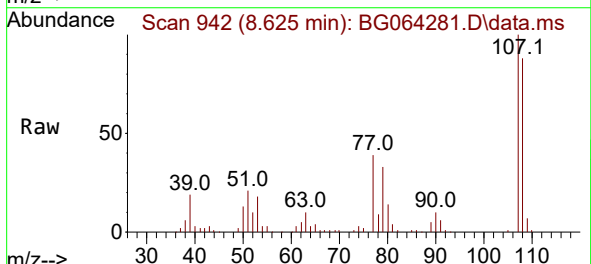
Manual Integrations
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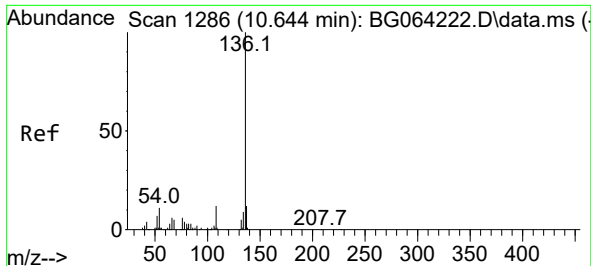
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#20
3+4-Methylphenols
Concen: 48.207 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:107 Resp: 110105
Ion Ratio Lower Upper
107 100
108 87.9 68.1 108.1
77 38.6 15.9 55.9
79 33.4 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

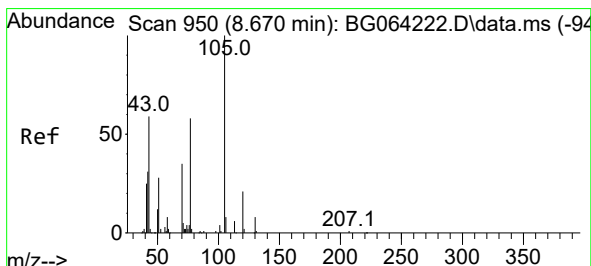
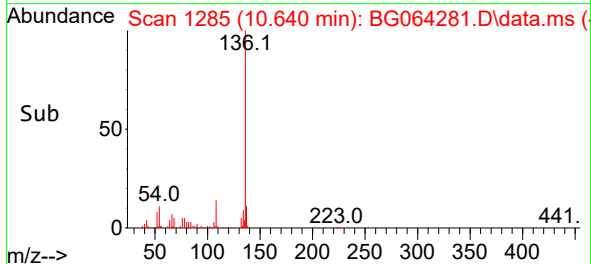
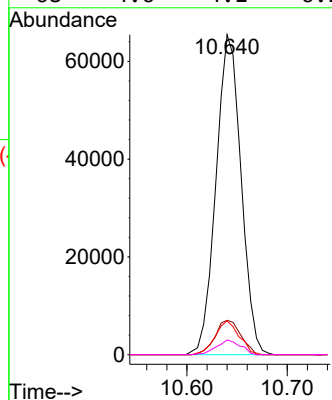
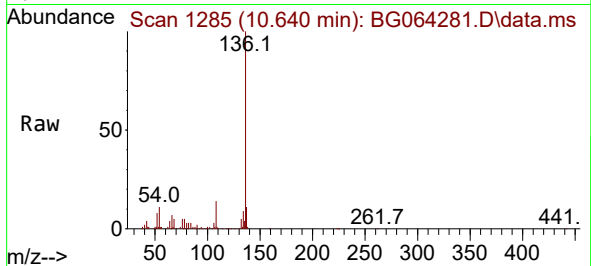
PB169528BS

Tgt Ion:136 Resp: 11330
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 10.6 8.8 13.2
68 4.6 4.1 6.1

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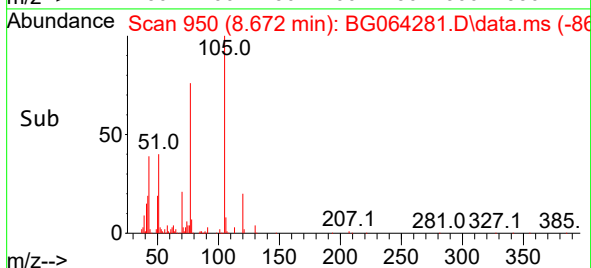
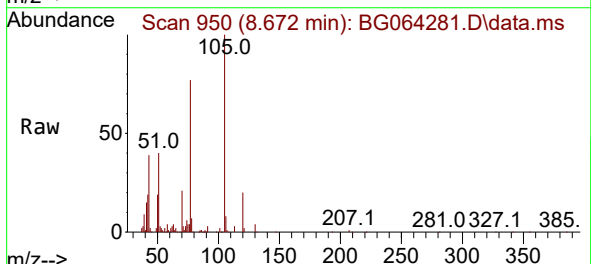
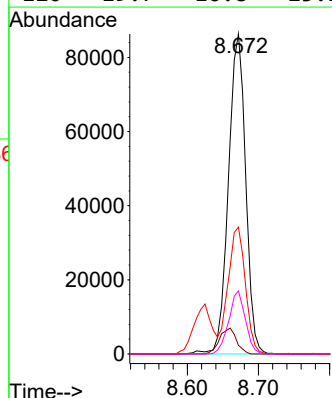
APPROVED

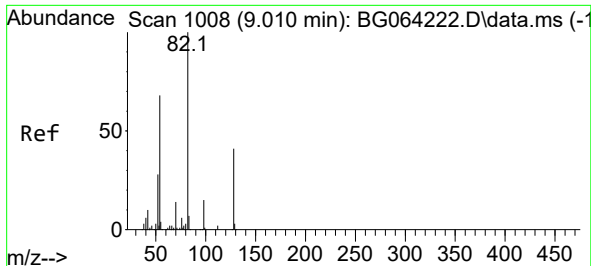
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 50.657 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

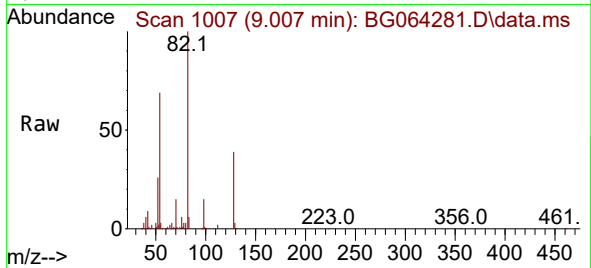
Tgt Ion:105 Resp: 145205
Ion Ratio Lower Upper
105 100
71 2.7 4.3 6.5#
51 39.7 32.4 48.6
120 19.7 16.8 25.2





#23
Nitrobenzene-d5
Concen: 103.735 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

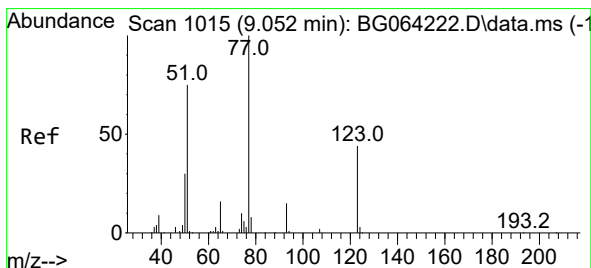
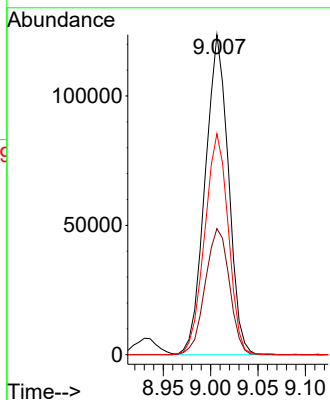
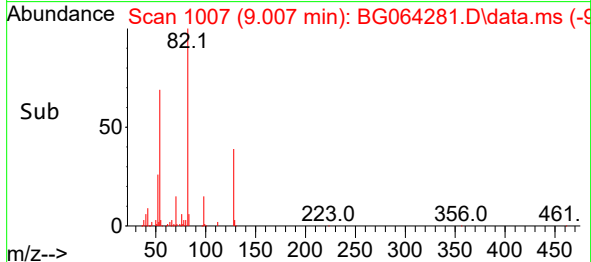
Instrument :
BNA_G
ClientSampleId :
PB169528BS



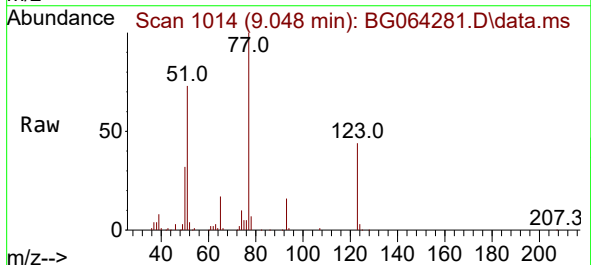
Tgt Ion: 82 Resp: 210745
Ion Ratio Lower Upper
82 100
128 39.4 32.6 48.8
54 69.0 54.7 82.1

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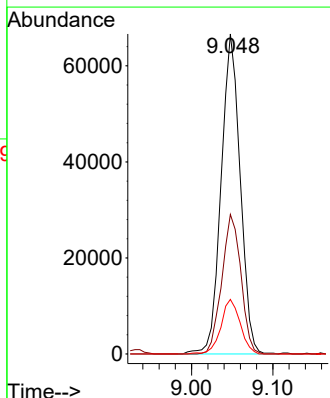
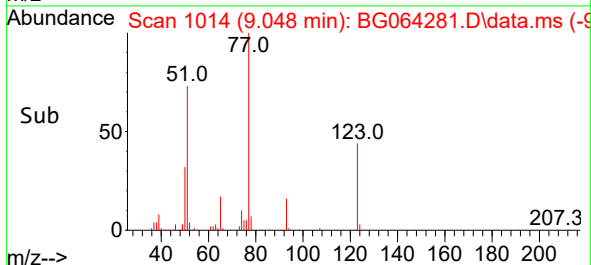
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

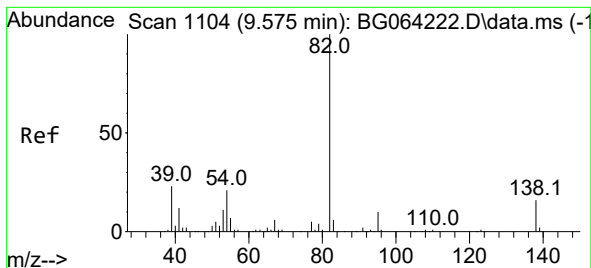


#24
Nitrobenzene
Concen: 51.187 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion: 77 Resp: 108651
Ion Ratio Lower Upper
77 100
123 43.6 35.2 52.8
65 17.1 12.6 19.0





#25

Isophorone

Concen: 45.964 ng

RT: 9.571 min Scan# 1104

Delta R.T. -0.016 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

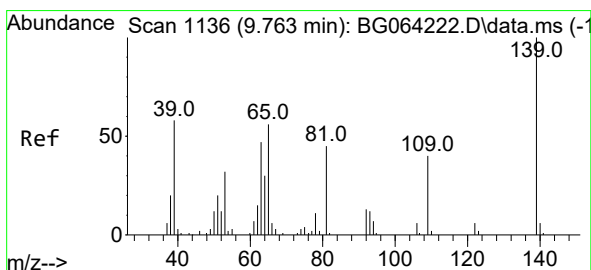
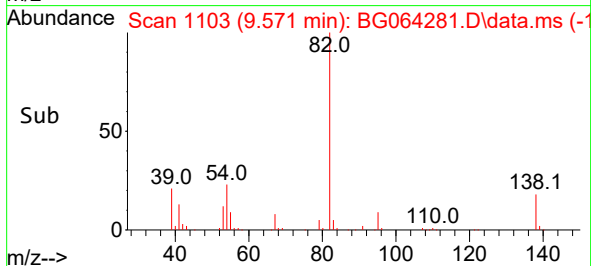
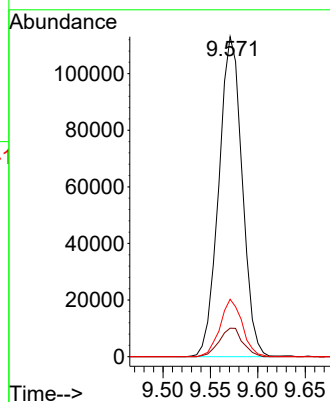
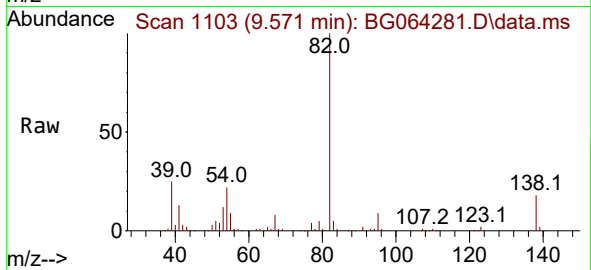
Tgt Ion: 82 Resp: 19407
 Ion Ratio Lower Upper
 82 100
 95 8.9 7.9 11.9
 138 18.0 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#26

2-Nitrophenol

Concen: 55.321 ng

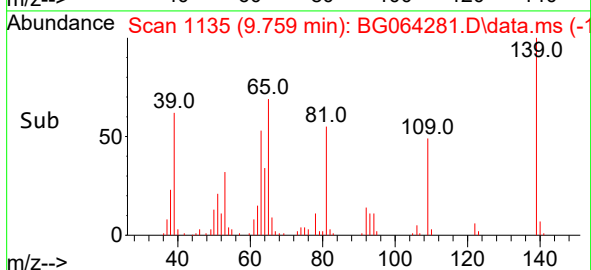
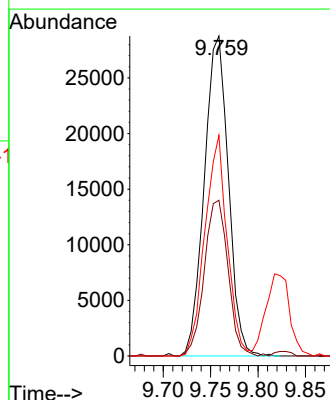
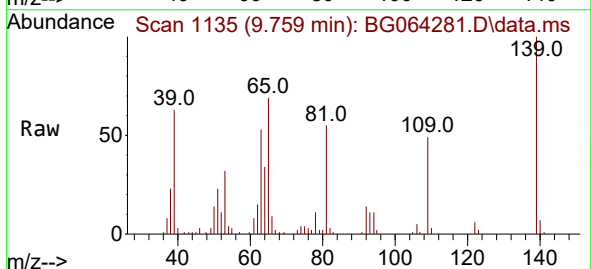
RT: 9.759 min Scan# 1135

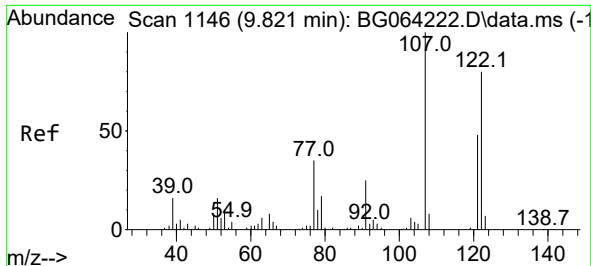
Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:139 Resp: 50739
 Ion Ratio Lower Upper
 139 100
 109 48.6 32.4 48.6#
 65 69.0 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 59.264 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064281.D

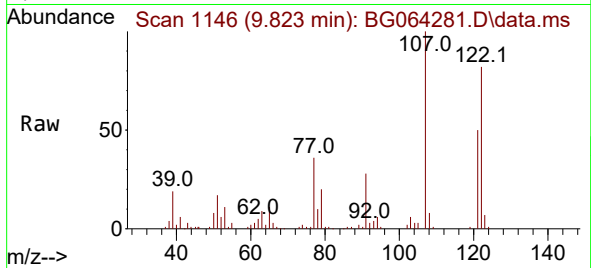
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



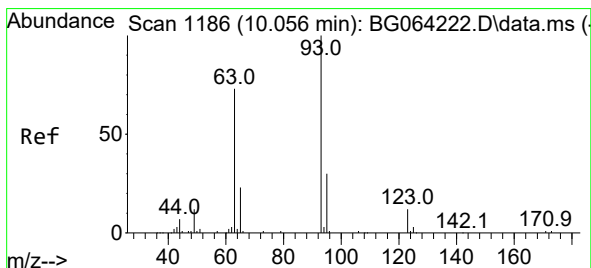
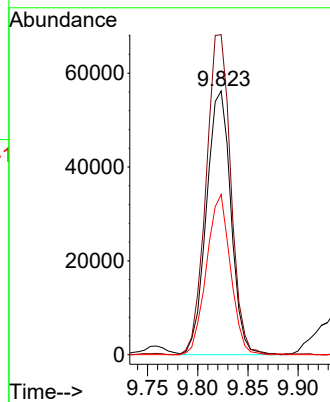
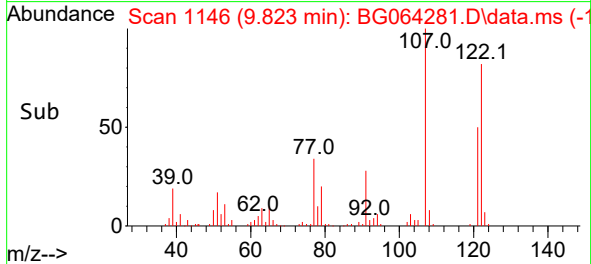
Tgt Ion:122	Resp:	9543
Ion Ratio	Lower	Upper
122	100	
107	121.4	99.9 149.9
121	60.7	48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.518 ng

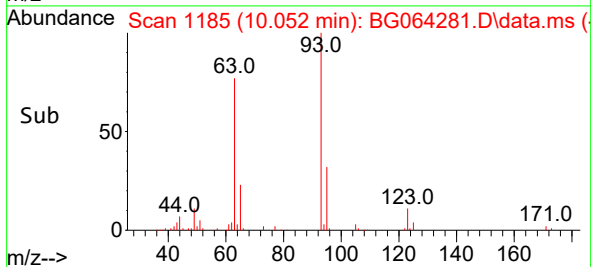
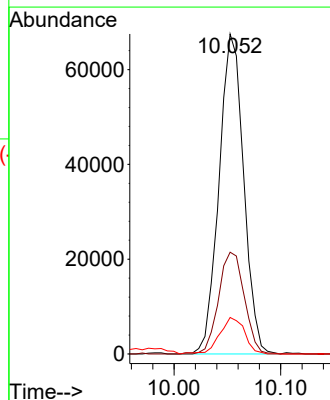
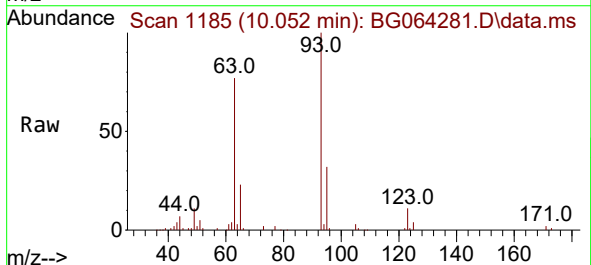
RT: 10.052 min Scan# 1185

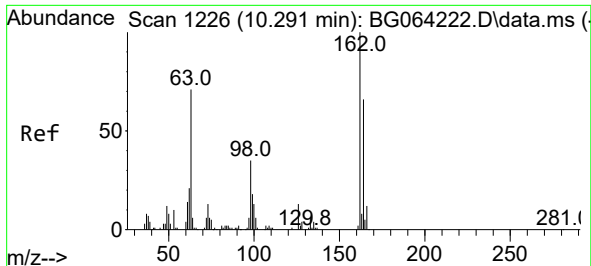
Delta R.T. -0.010 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion: 93	Resp:	108183
Ion Ratio	Lower	Upper
93	100	
95	31.8	23.9 35.9
123	11.4	9.6 14.4





#29

2,4-Dichlorophenol

Concen: 55.391 ng

RT: 10.293 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064281.D

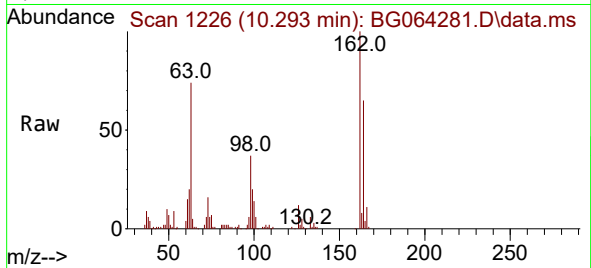
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



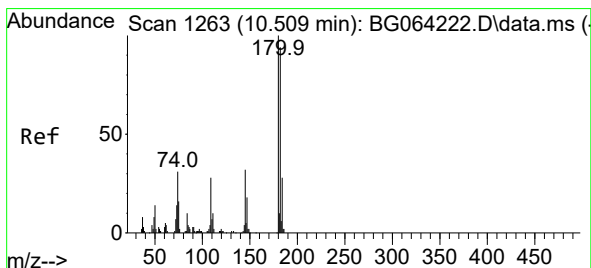
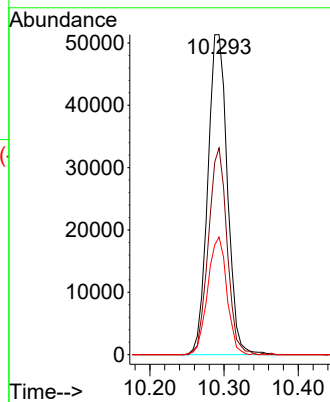
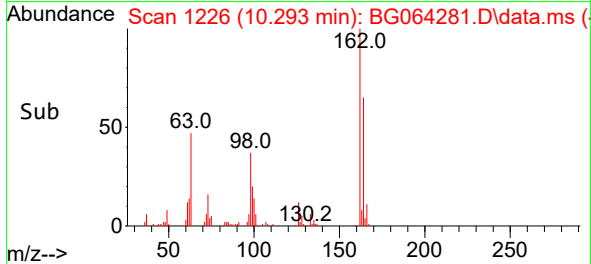
Tgt Ion:	162	Resp:	9411
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.8	85.8
98	36.7	15.2	55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 54.912 ng

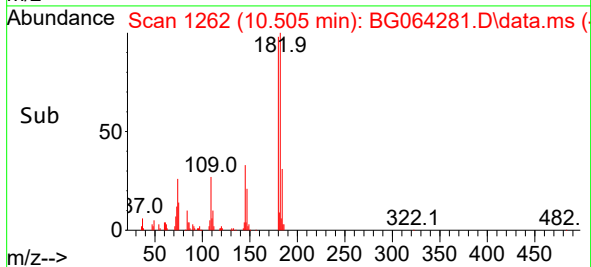
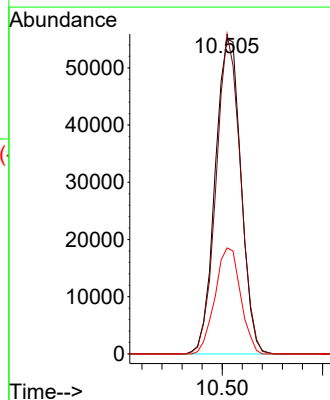
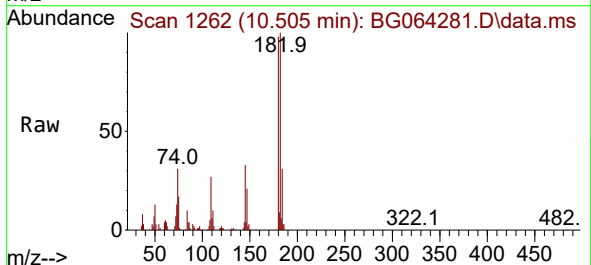
RT: 10.505 min Scan# 1262

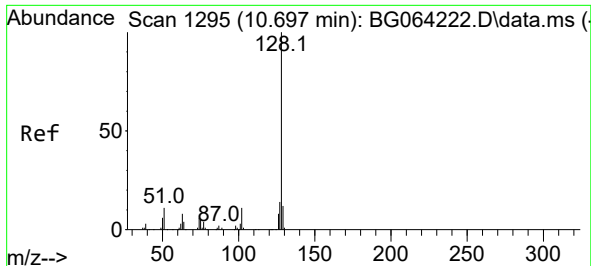
Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:	180	Resp:	98372
Ion Ratio	Lower	Upper	
180	100		
182	101.5	75.0	112.6
145	33.7	25.4	38.0





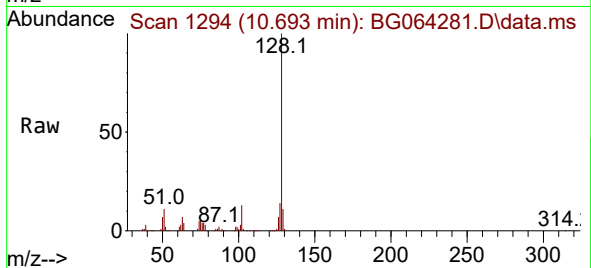
#31
Naphthalene
Concen: 49.510 ng
RT: 10.693 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



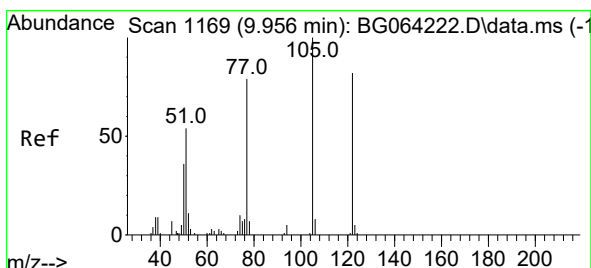
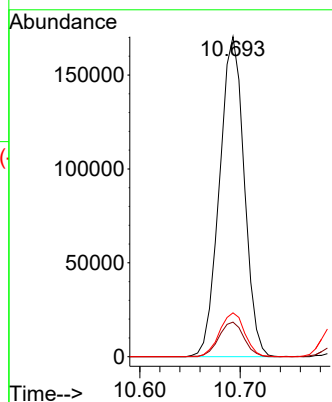
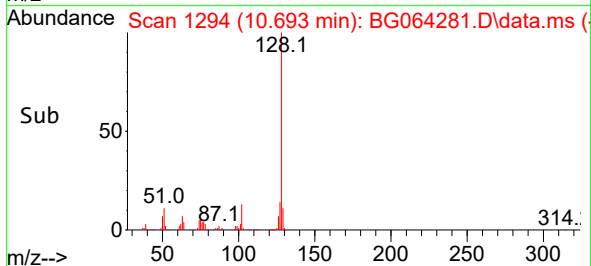
Tgt Ion:128 Resp: 290889
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.7 10.9 16.3

Manual Integrations

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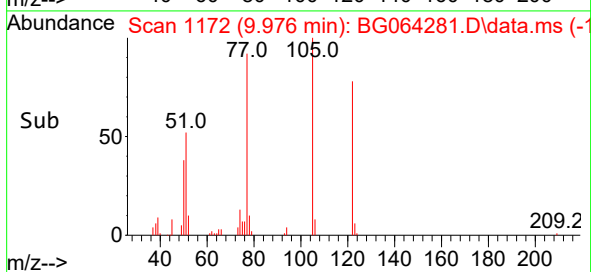
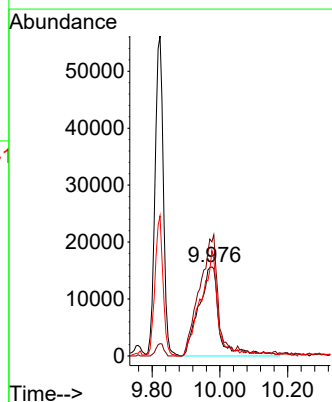
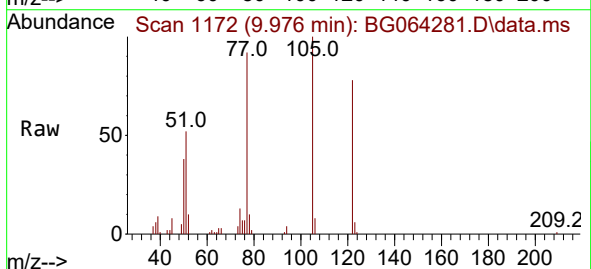
Reviewed By :Rahul Chavli 09/05/2025

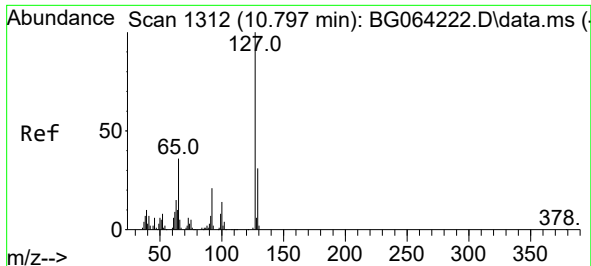
Supervised By :Jagrut Upadhyay 09/05/2025



#32
Benzoic acid
Concen: 51.390 ng m
RT: 9.976 min Scan# 1172
Delta R.T. -0.039 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:122 Resp: 65688
Ion Ratio Lower Upper
122 100
105 127.9 98.5 138.5
77 118.3 74.6 114.6#





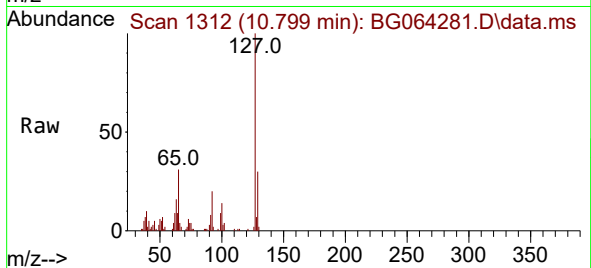
#33
4-Chloroaniline
Concen: 21.209 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



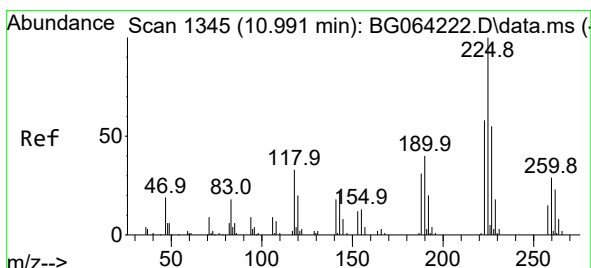
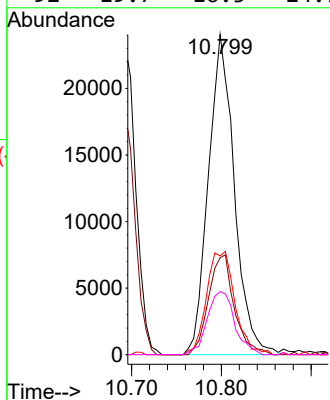
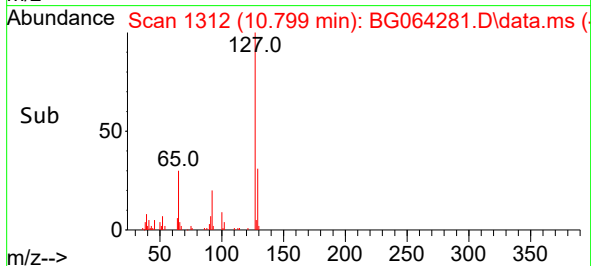
Tgt Ion:127 Resp: 48290
Ion Ratio Lower Upper
127 100
129 30.3 25.0 37.4
65 30.9 28.7 43.1
92 19.7 16.5 24.7

Manual Integrations

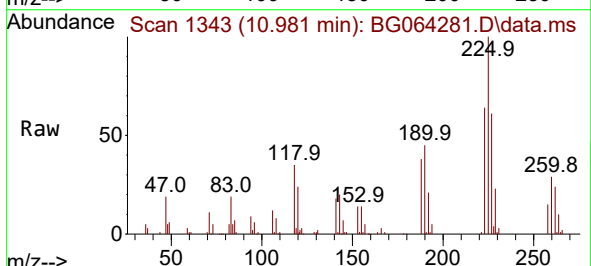
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

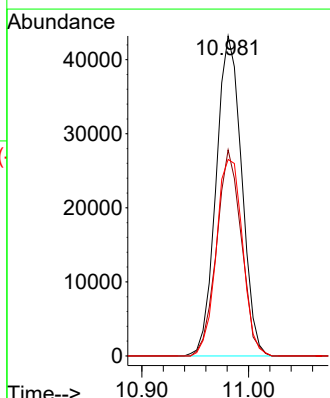
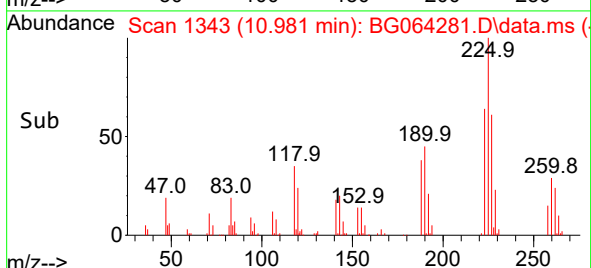
Supervised By :Jagrut Upadhyay 09/05/2025

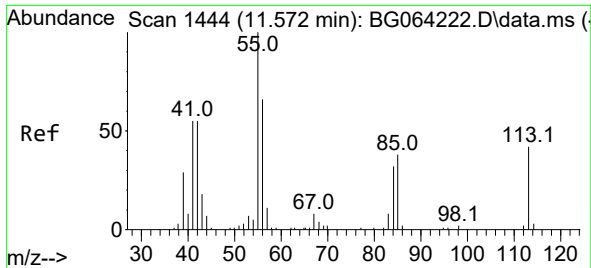


#34
Hexachlorobutadiene
Concen: 54.271 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:225 Resp: 71867
Ion Ratio Lower Upper
225 100
223 64.4 46.5 69.7
227 61.4 44.1 66.1





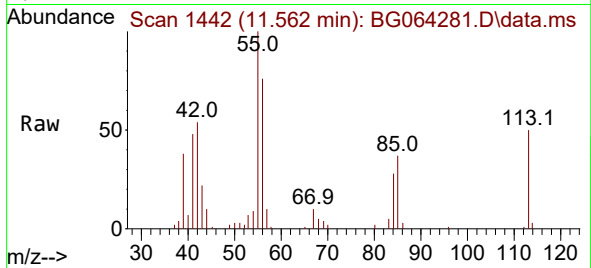
#35
 Caprolactam
 Concen: 46.364 ng m
 RT: 11.562 min Scan# 1444
 Delta R.T. -0.039 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

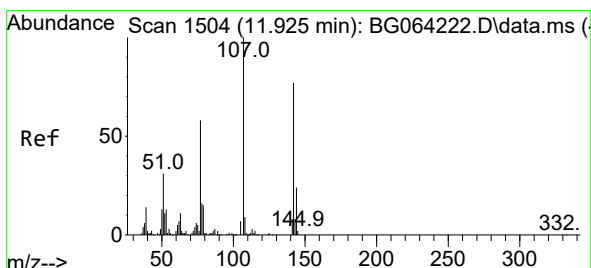
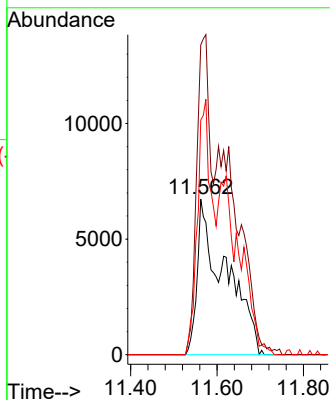
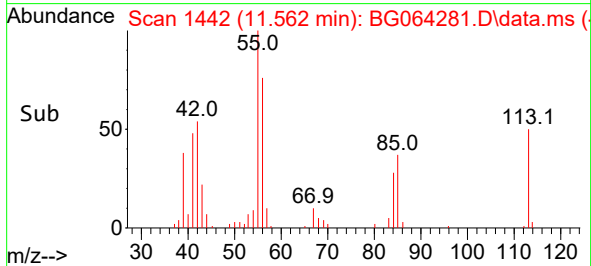


Tgt Ion:113 Resp: 30502
 Ion Ratio Lower Upper
 113 100
 55 198.9 218.5 258.5
 56 150.7 138.5 178.5

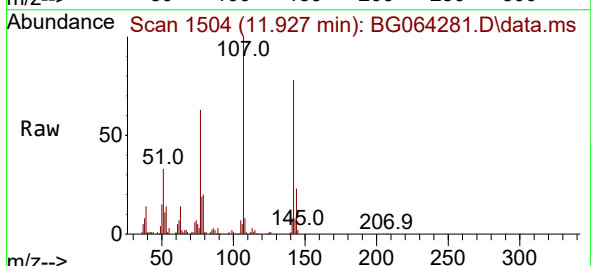
Manual Integrations

APPROVED

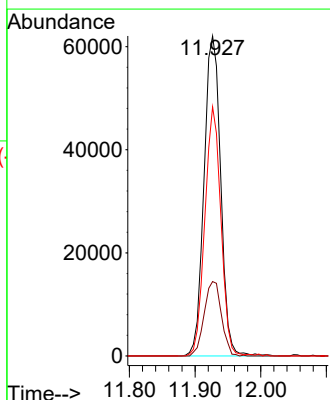
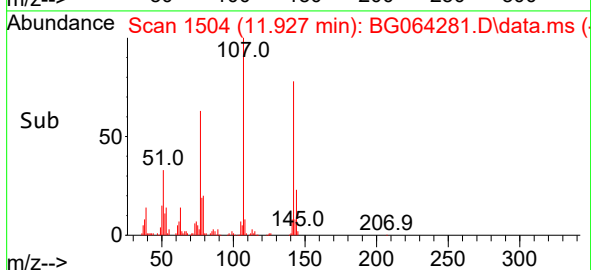
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

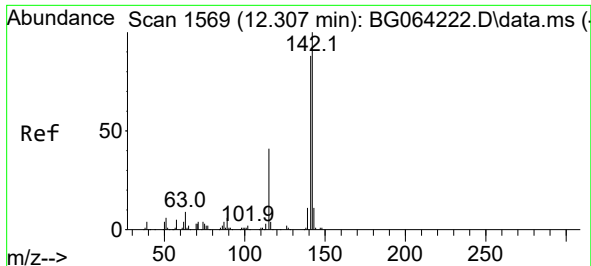


#36
 4-Chloro-3-methylphenol
 Concen: 49.783 ng
 RT: 11.927 min Scan# 1504
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15



Tgt Ion:107 Resp: 109743
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.5 29.3
 142 77.8 62.0 93.0





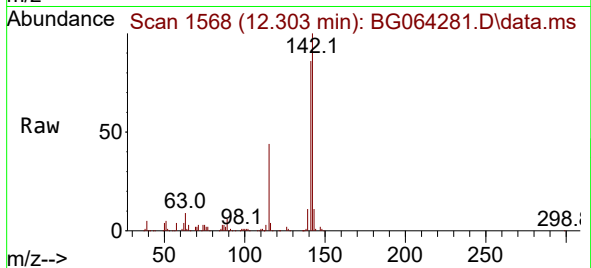
#37
2-Methylnaphthalene
Concen: 45.147 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



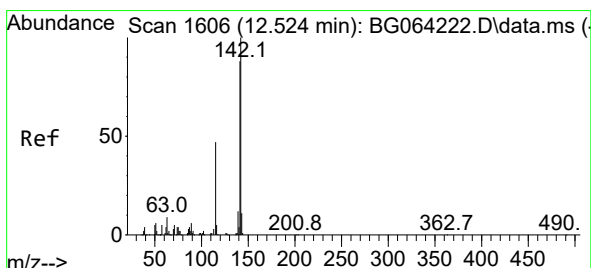
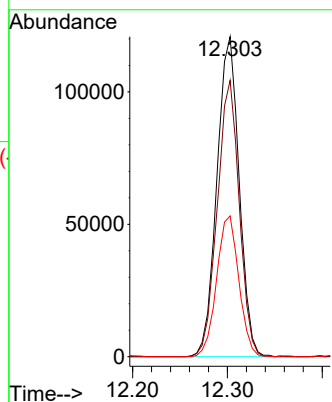
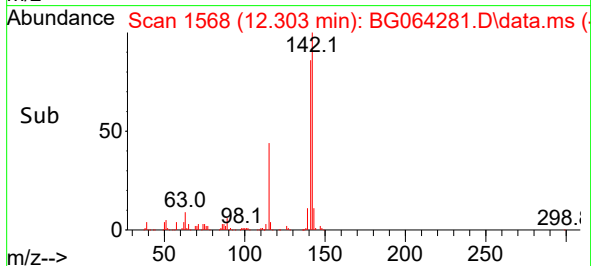
Tgt Ion:142 Resp: 197164
Ion Ratio Lower Upper
142 100
141 86.3 70.1 105.1
115 44.0 33.1 49.7

Manual Integrations

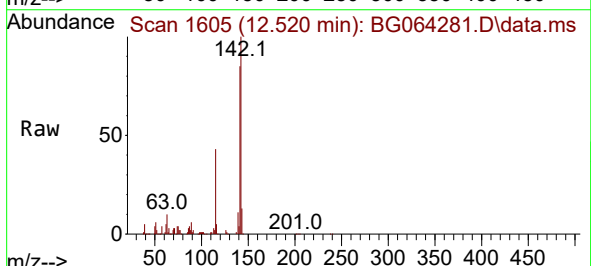
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

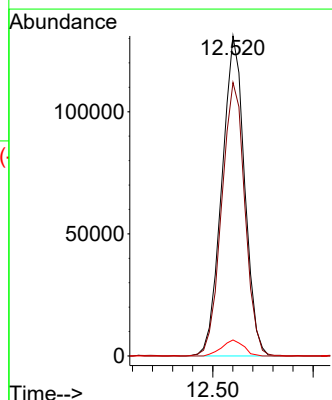
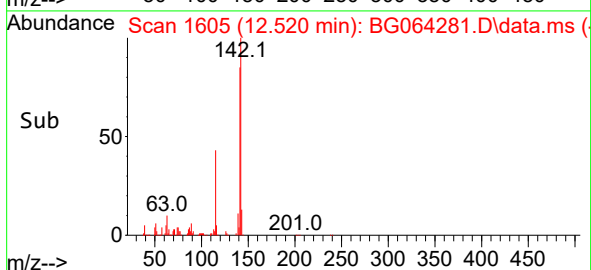
Supervised By :Jagrut Upadhyay 09/05/2025

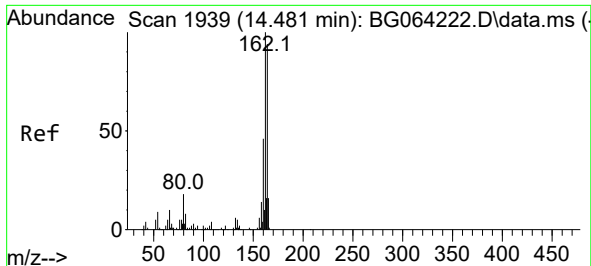


#38
1-Methylnaphthalene
Concen: 47.694 ng
RT: 12.520 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:142 Resp: 205729
Ion Ratio Lower Upper
142 100
141 85.5 70.3 105.5
116 5.0 3.7 5.5





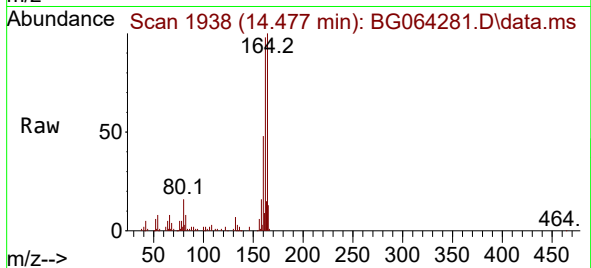
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

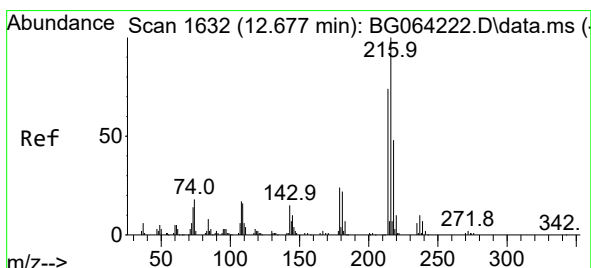
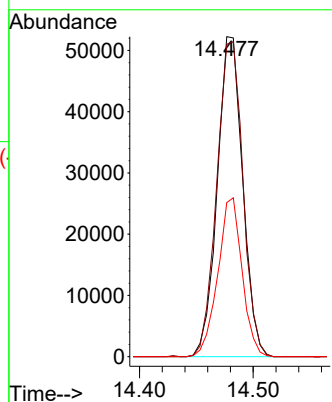
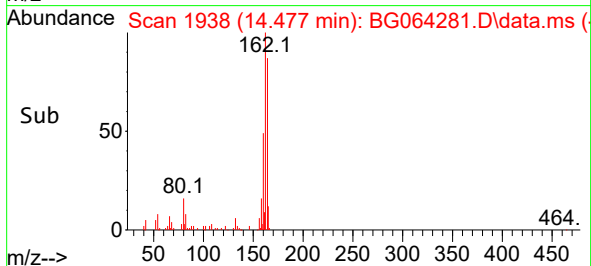
PB169528BS



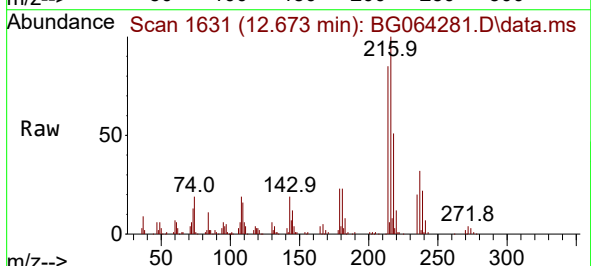
Tgt Ion:164 Resp: 8118
Ion Ratio Lower Upper
164 100
162 97.7 85.4 128.0
160 48.2 39.2 58.8

Manual Integrations
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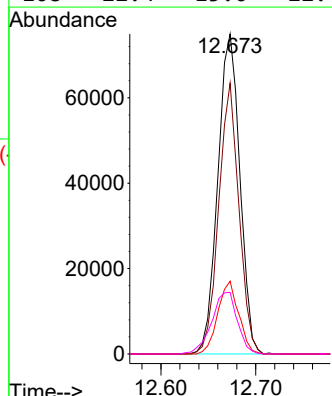
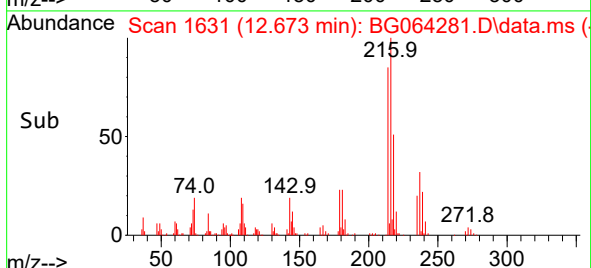
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

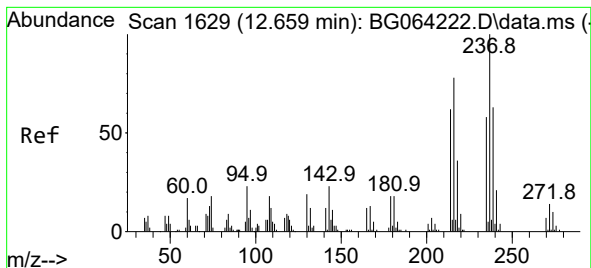


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.659 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:216 Resp: 121002
Ion Ratio Lower Upper
216 100
214 77.8 61.9 92.9
179 21.6 17.9 26.9
108 22.4 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 163.079 ng

RT: 12.655 min Scan# 1628

Delta R.T. -0.004 min

Lab File: BG064281.D

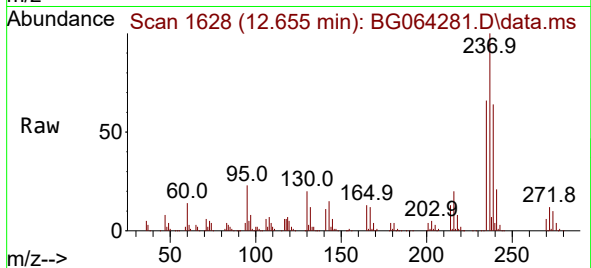
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



Tgt Ion:237 Resp: 181544

Ion Ratio Lower Upper

237 100

235 66.4 37.9 77.9

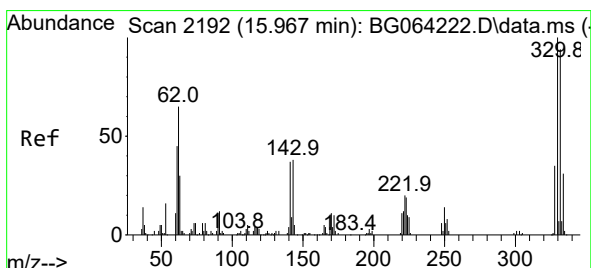
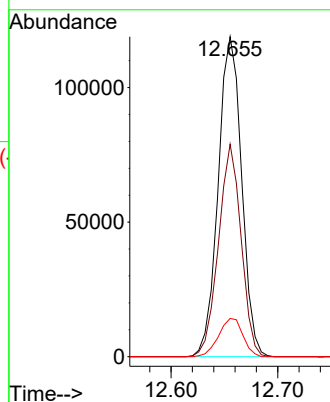
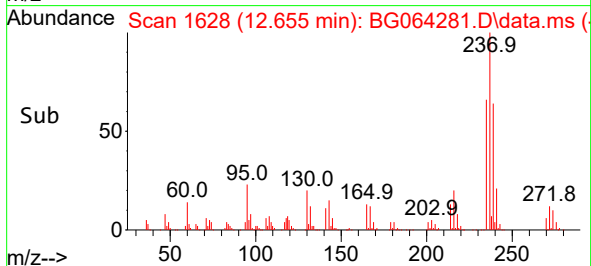
272 11.9 0.0 33.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#42

2,4,6-Tribromophenol

Concen: 156.058 ng

RT: 15.969 min Scan# 2192

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

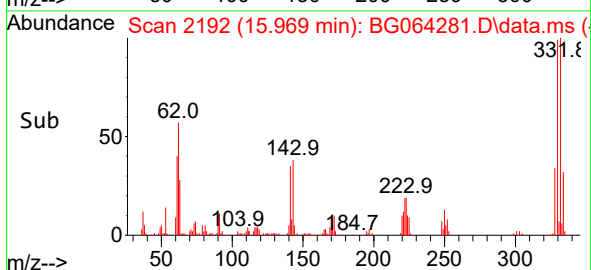
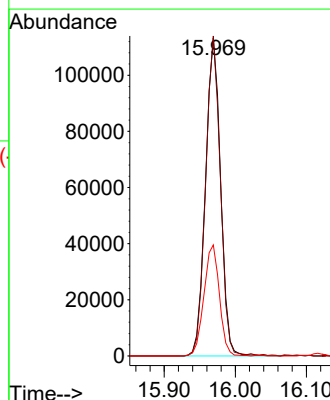
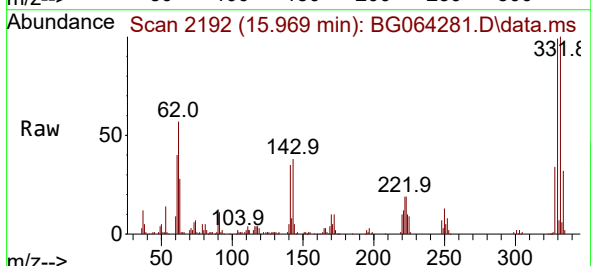
Tgt Ion:330 Resp: 167806

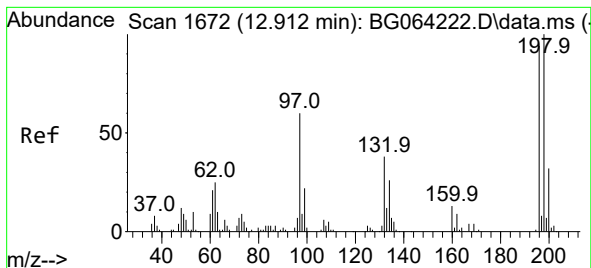
Ion Ratio Lower Upper

330 100

332 98.2 77.6 116.4

141 35.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 52.709 ng

RT: 12.914 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Tgt Ion:196 Resp: 82520

Ion Ratio Lower Upper

196 100

198 101.8 85.4 128.2

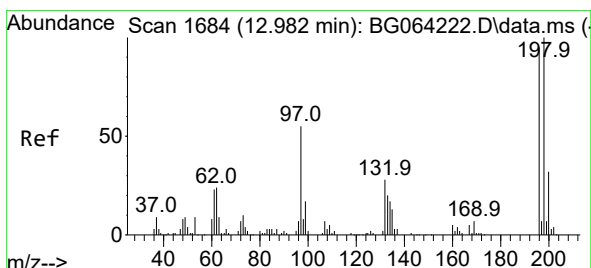
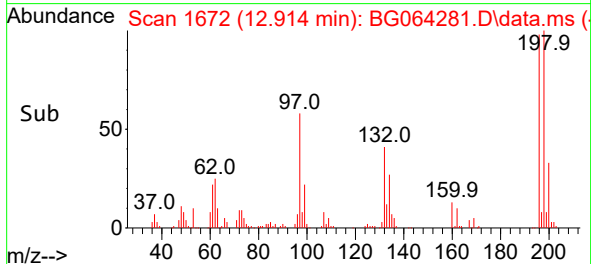
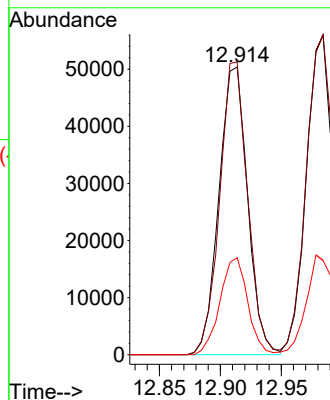
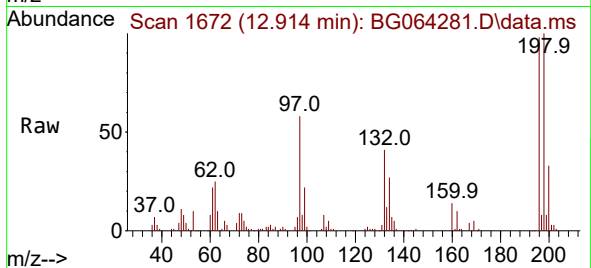
200 33.7 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#44

2,4,5-Trichlorophenol

Concen: 53.201 ng

RT: 12.984 min Scan# 1684

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:196 Resp: 90351

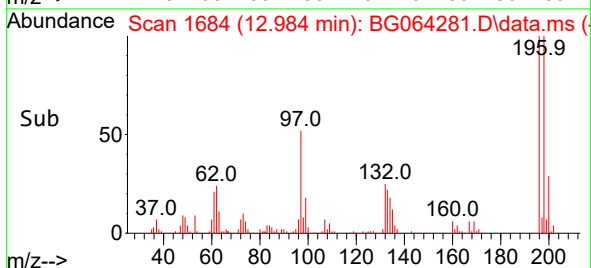
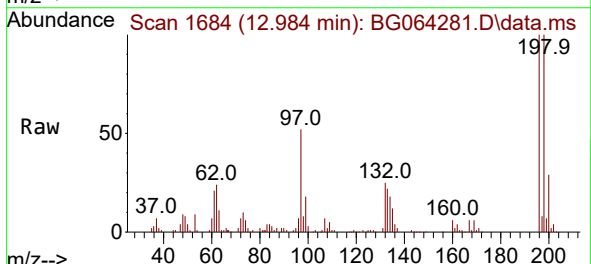
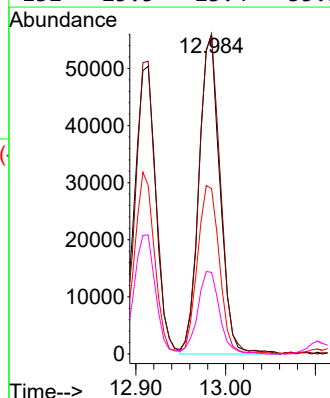
Ion Ratio Lower Upper

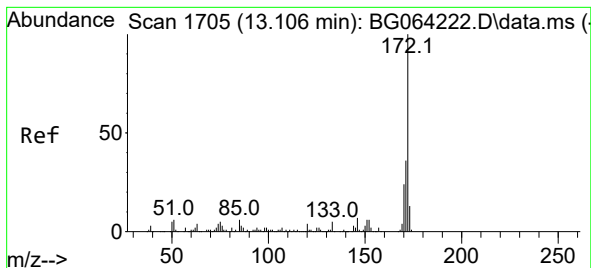
196 100

198 100.2 84.5 126.7

97 51.8 46.8 70.2

132 25.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 98.216 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.010 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

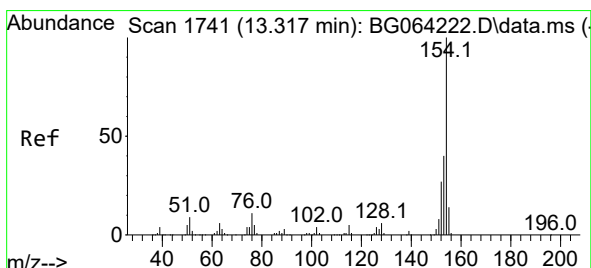
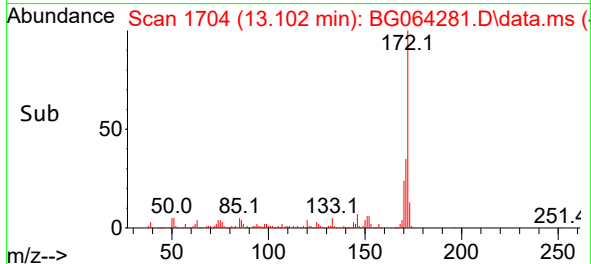
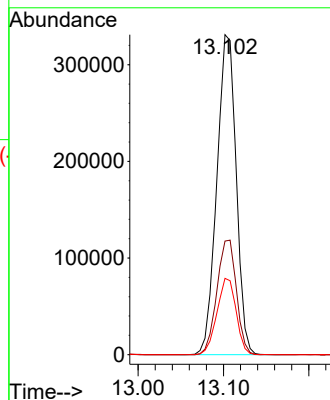
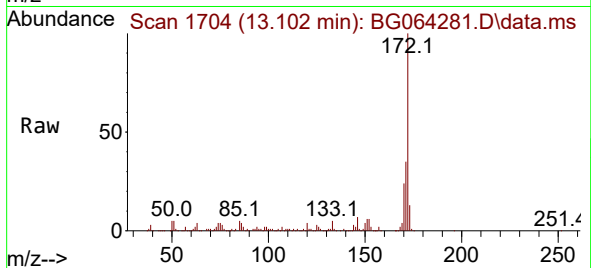
Tgt Ion:172 Resp: 522374
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#46

1,1'-Biphenyl

Concen: 50.231 ng

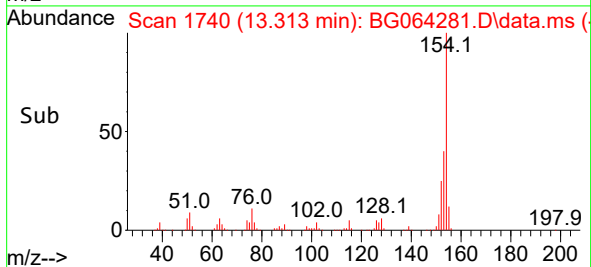
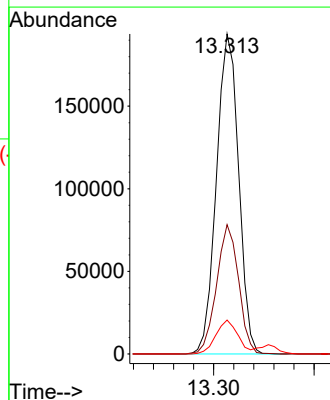
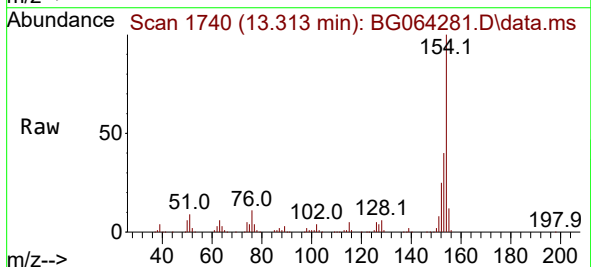
RT: 13.313 min Scan# 1740

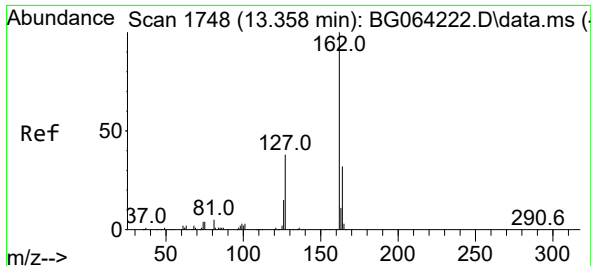
Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:154 Resp: 297008
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.9 59.9
 76 10.6 0.0 30.9





#47

2-Chloronaphthalene

Concen: 48.754 ng

RT: 13.354 min Scan# 1747

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

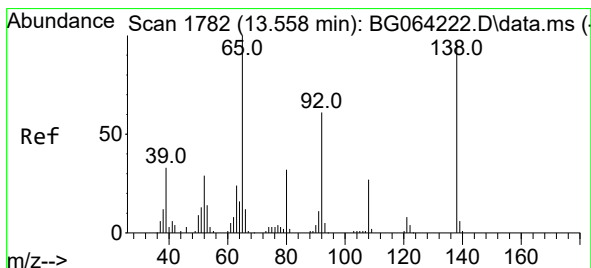
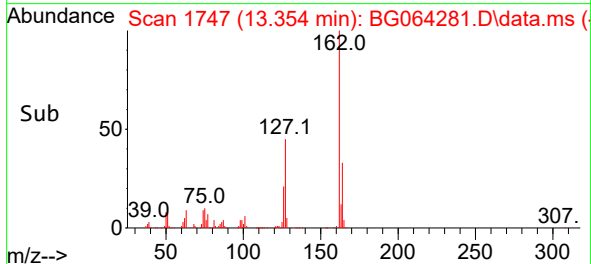
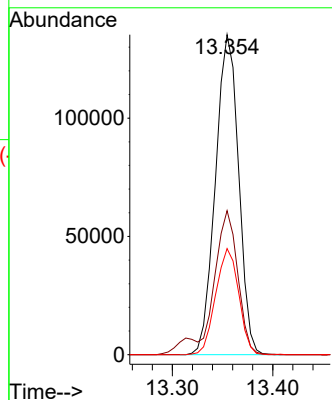
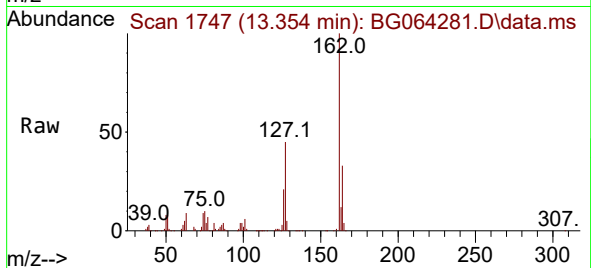
Tgt Ion:	162	Resp:	216719
Ion Ratio	Lower	Upper	
162	100		
127	45.0	33.9	50.9
164	33.1	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#48

2-Nitroaniline

Concen: 51.350 ng

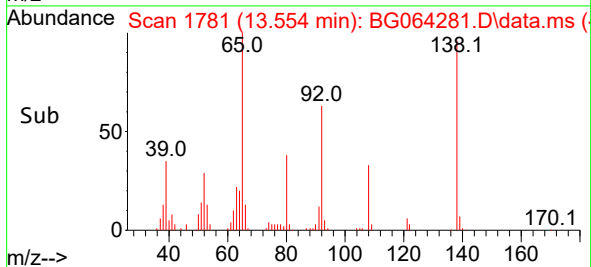
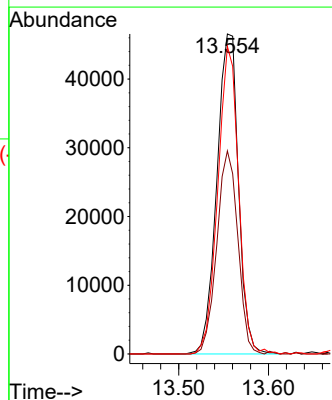
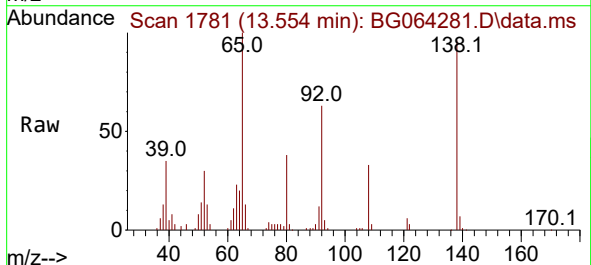
RT: 13.554 min Scan# 1781

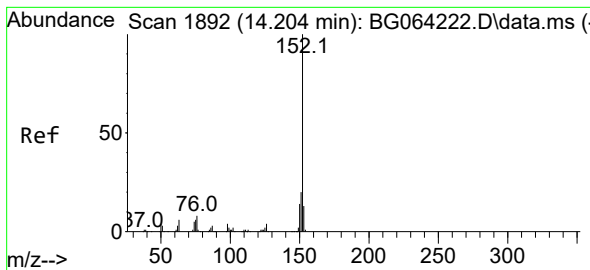
Delta R.T. -0.010 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:	65	Resp:	77800
Ion Ratio	Lower	Upper	
65	100		
92	63.5	49.2	73.8
138	96.1	76.8	115.2





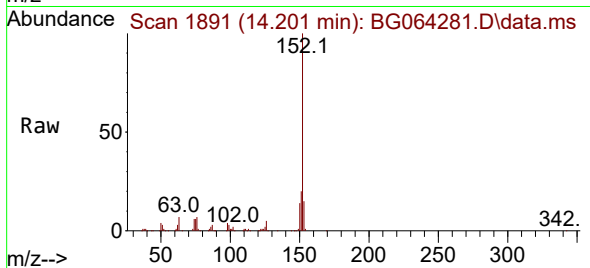
#49
Acenaphthylene
Concen: 55.199 ng
RT: 14.201 min Scan# 1891
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



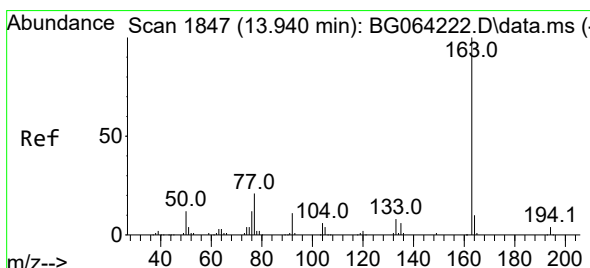
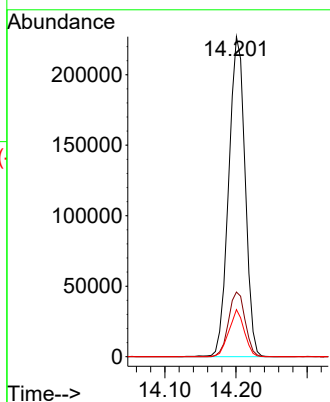
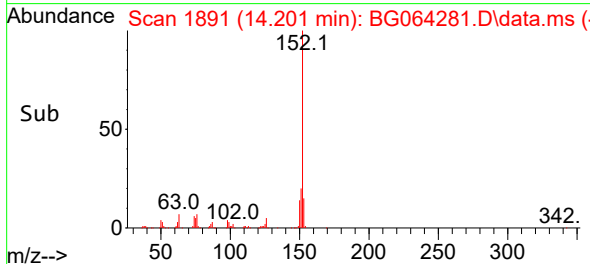
Tgt Ion:152 Resp: 362714
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.7 10.1 15.1

Manual Integrations

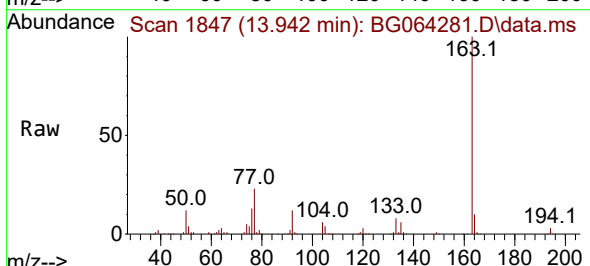
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

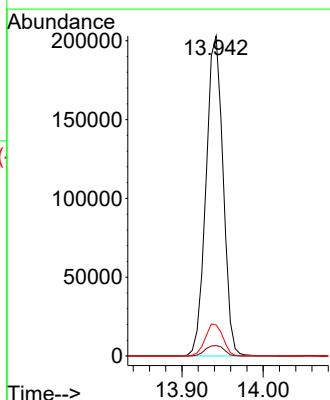
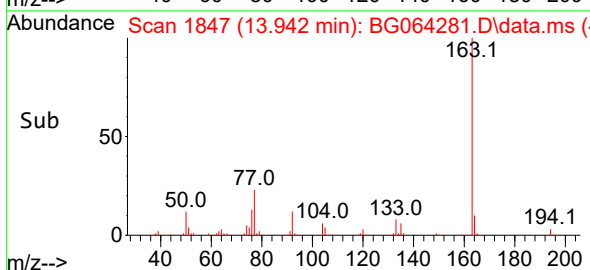
Supervised By :Jagrut Upadhyay 09/05/2025

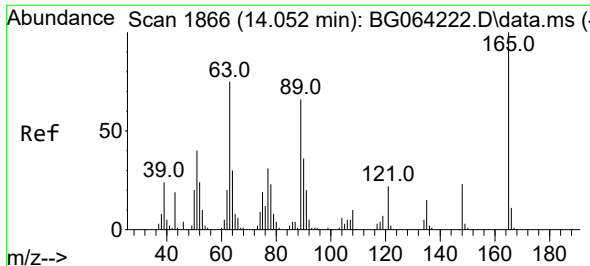


#50
Dimethylphthalate
Concen: 48.087 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



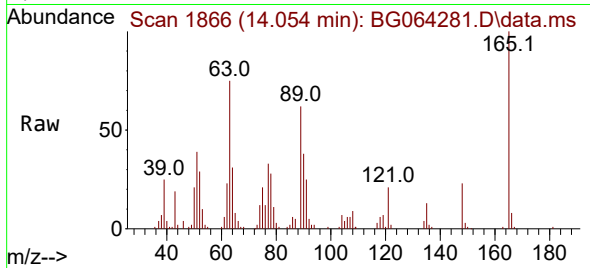
Tgt Ion:163 Resp: 295483
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.895 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

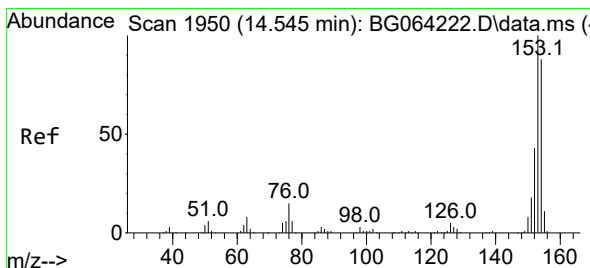
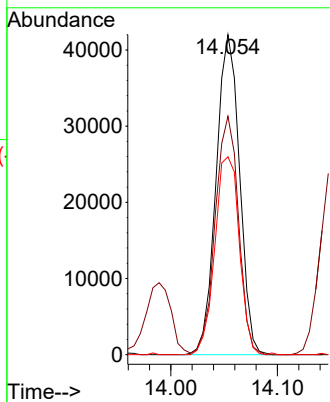
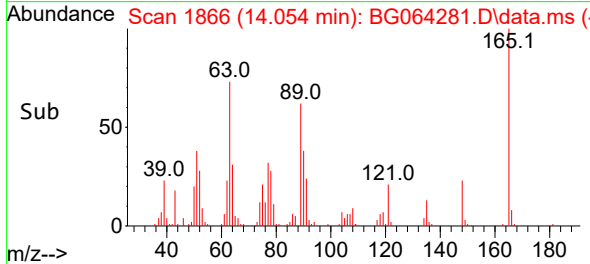
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion:165 Resp: 64112
Ion Ratio Lower Upper
165 100
63 74.5 60.3 90.5
89 61.9 52.9 79.3

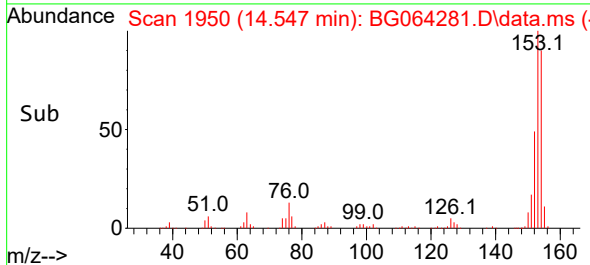
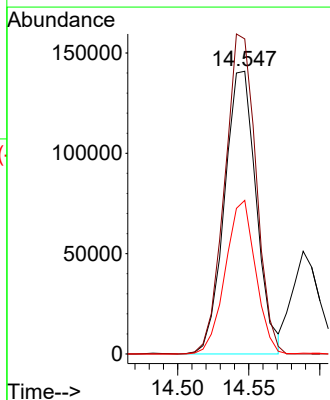
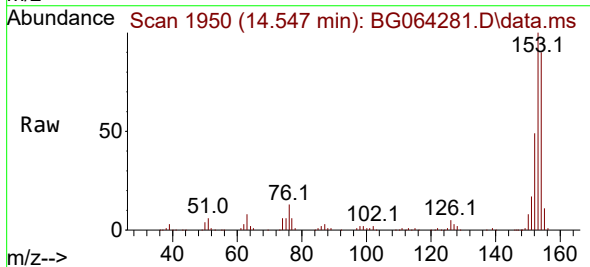
Manual Integrations
APPROVED

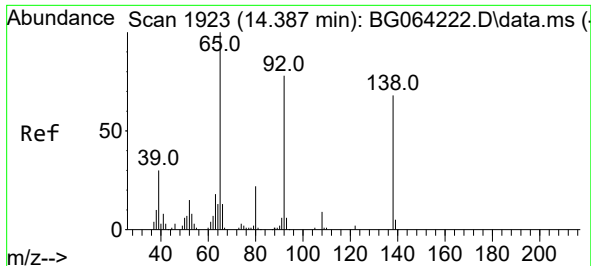
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 47.318 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

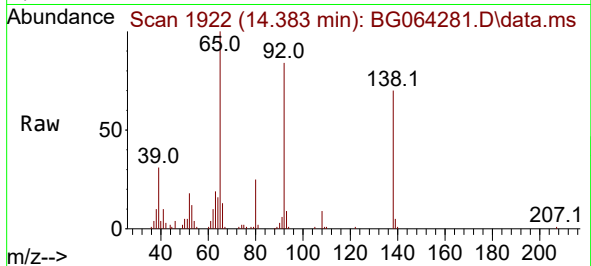
Tgt Ion:154 Resp: 219425
Ion Ratio Lower Upper
154 100
153 111.4 91.1 136.7
152 54.3 39.6 59.4





#53
3-Nitroaniline
Concen: 30.176 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

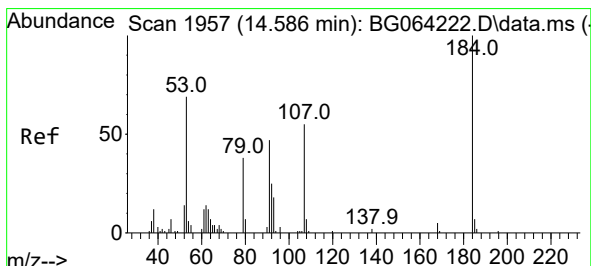
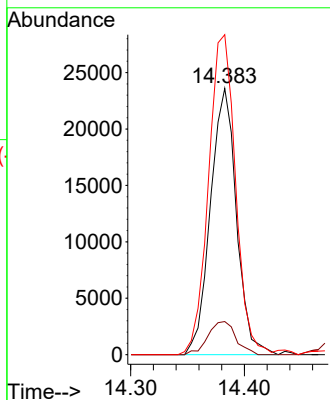
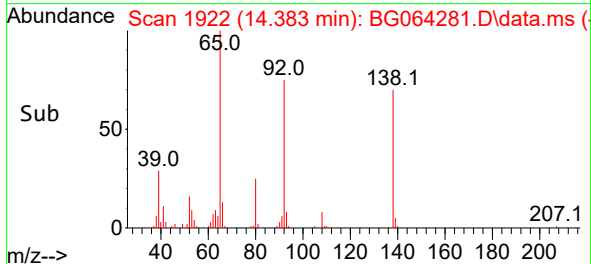
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion:138 Resp: 37602
Ion Ratio Lower Upper
138 100
108 12.4 11.0 16.6
92 120.2 91.4 137.0

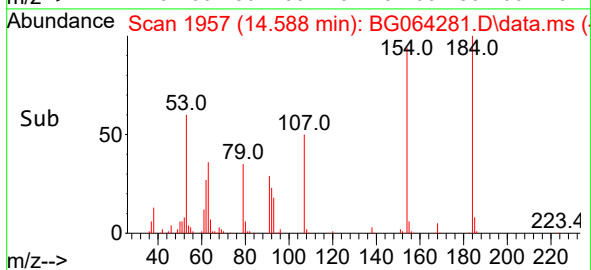
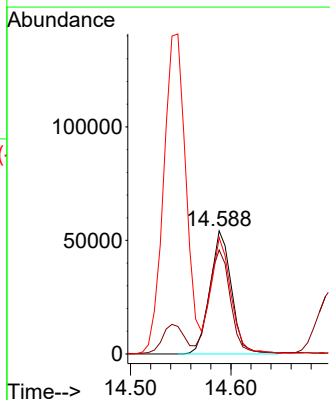
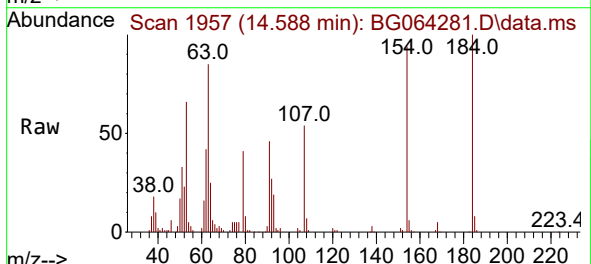
Manual Integrations
APPROVED

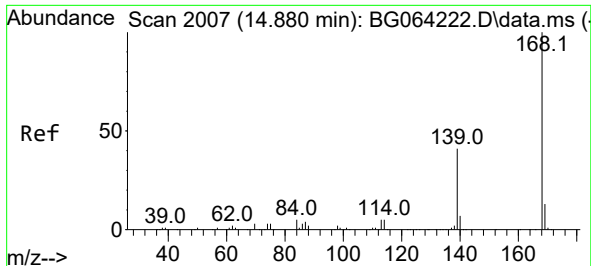
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#54
2,4-Dinitrophenol
Concen: 101.947 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:184 Resp: 80531
Ion Ratio Lower Upper
184 100
63 84.5 60.1 90.1
154 94.5 59.8 89.8#





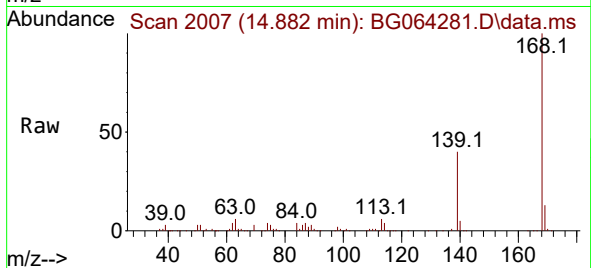
#55
Dibenzenofuran
Concen: 48.853 ng
RT: 14.882 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



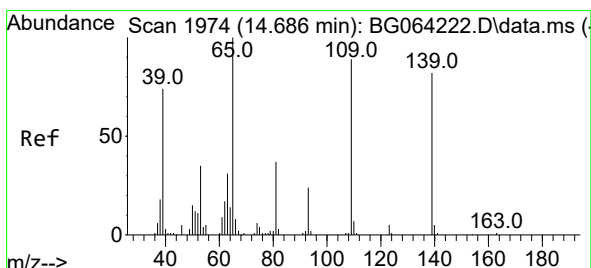
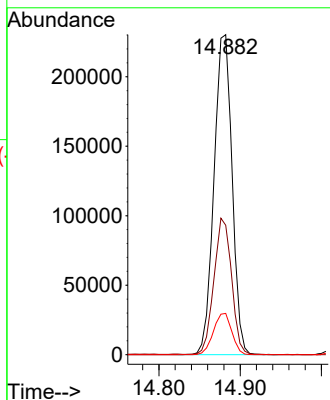
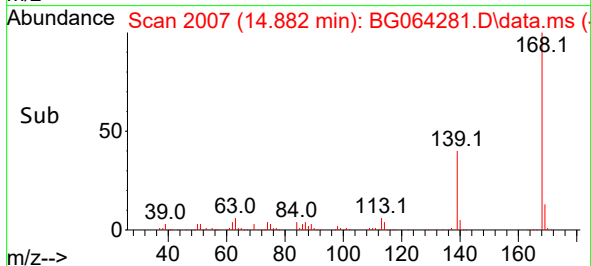
Tgt Ion:168 Resp: 356335
Ion Ratio Lower Upper
168 100
139 40.4 33.2 49.8
169 12.9 10.4 15.6

Manual Integrations

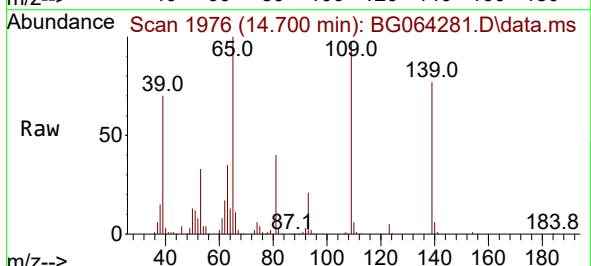
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

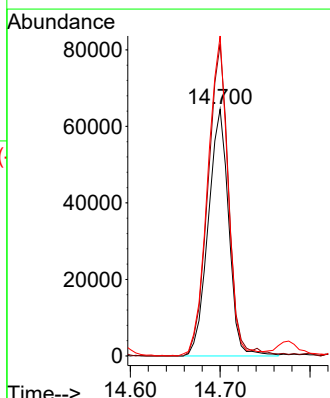
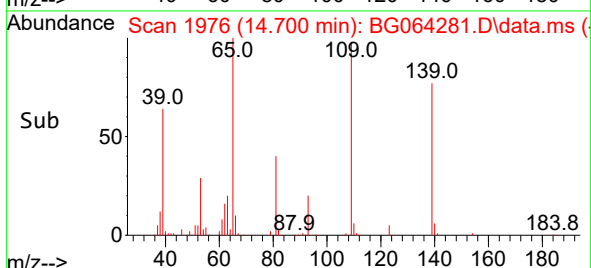
Supervised By :Jagrut Upadhyay 09/05/2025

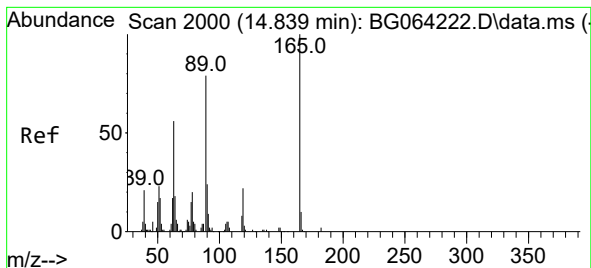


#56
4-Nitrophenol
Concen: 99.873 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:139 Resp: 102086
Ion Ratio Lower Upper
139 100
109 126.3 89.1 129.1
65 129.7 102.9 142.9





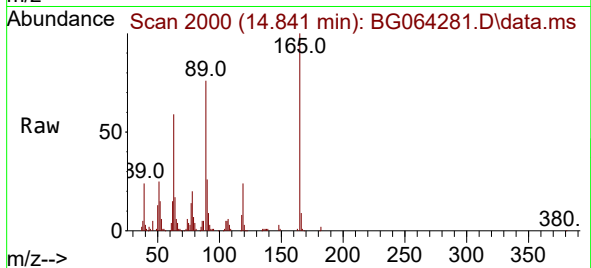
#57
2,4-Dinitrotoluene
Concen: 54.102 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

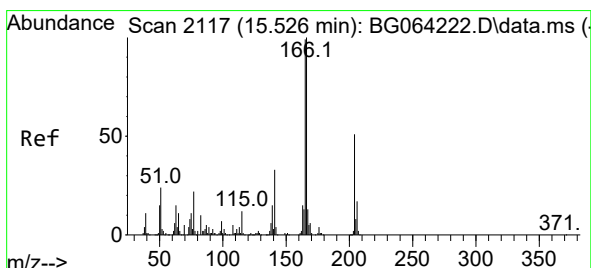
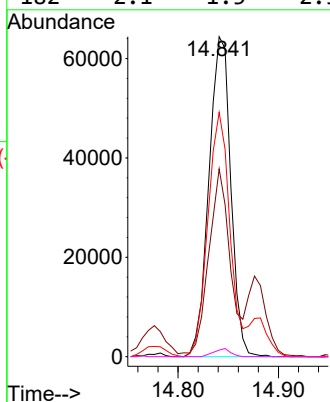
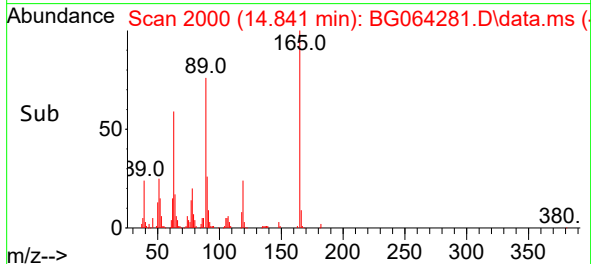


Tgt Ion:165 Resp: 9731
Ion Ratio Lower Upper
165 100
63 58.7 44.6 67.0
89 76.4 63.0 94.4
182 2.1 1.5 2.3

Manual Integrations

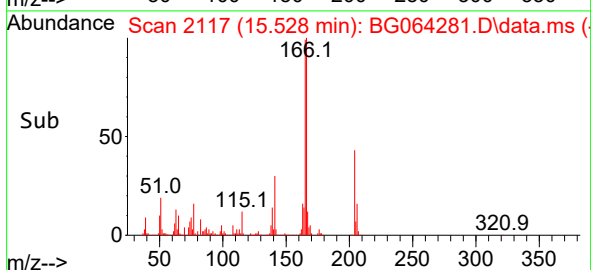
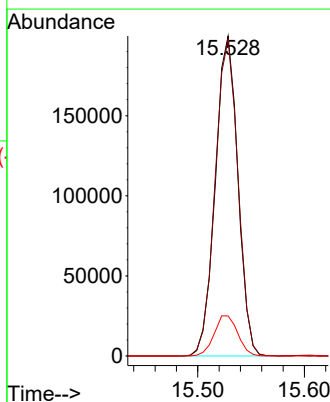
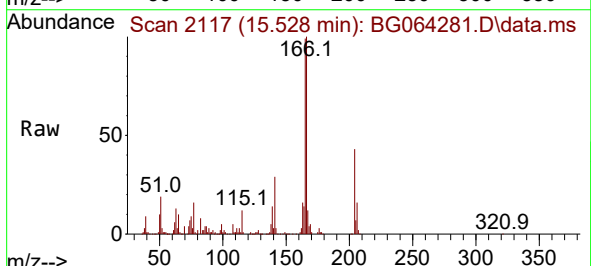
APPROVED

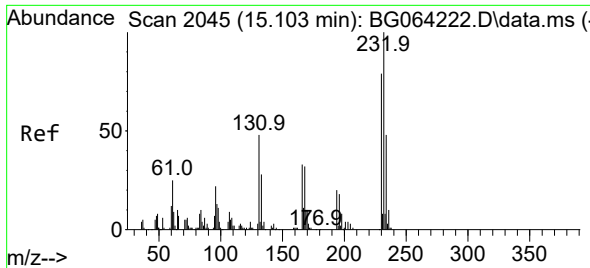
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#58
Fluorene
Concen: 48.994 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:166 Resp: 292905
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 12.5 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.960 ng
RT: 15.105 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

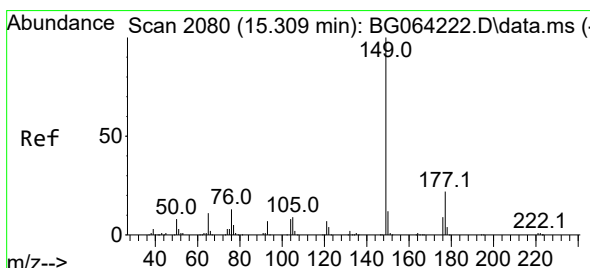
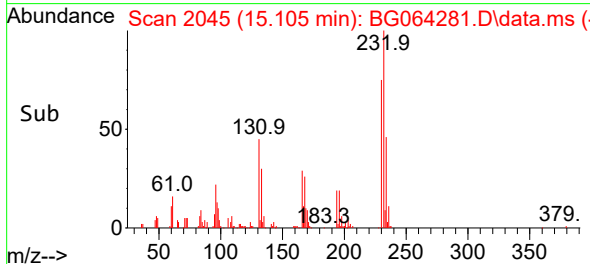
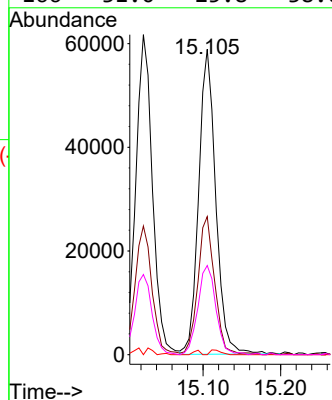
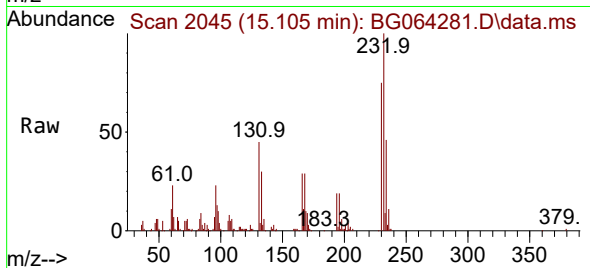
PB169528BS

Tgt Ion:232 Resp: 8977
Ion Ratio Lower Upper
232 100
131 43.1 37.1 55.7
130 1.0 2.6 3.8
166 31.0 25.8 38.6

Manual Integrations

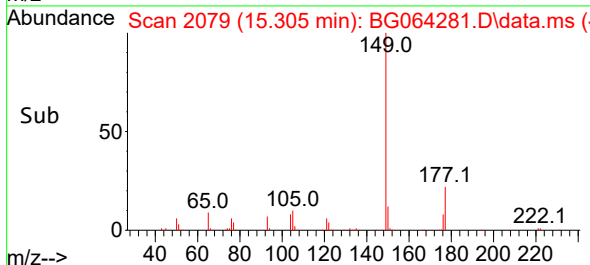
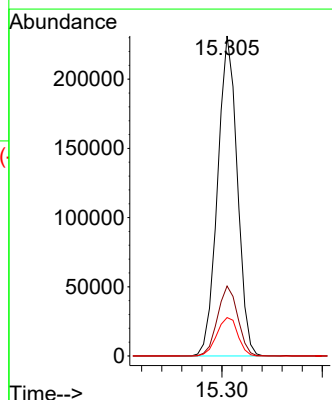
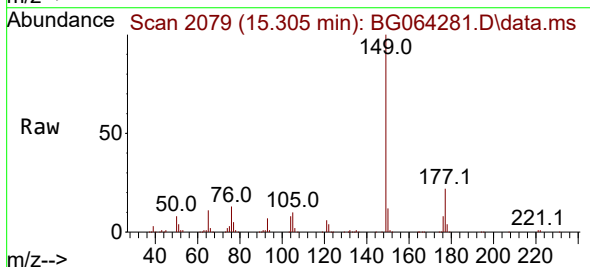
APPROVED

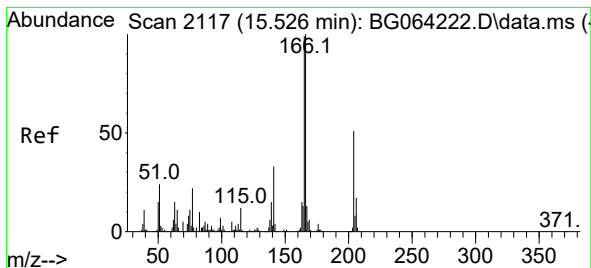
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#60
Diethylphthalate
Concen: 47.846 ng
RT: 15.305 min Scan# 2079
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

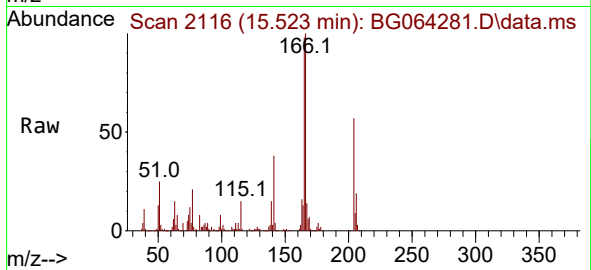
Tgt Ion:149 Resp: 314643
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.027 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

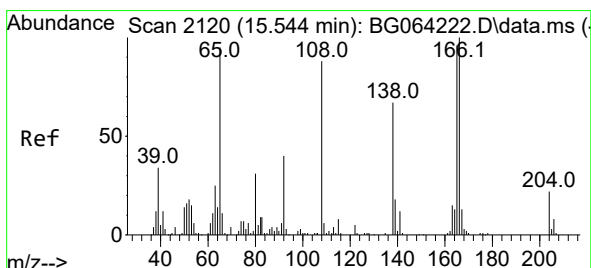
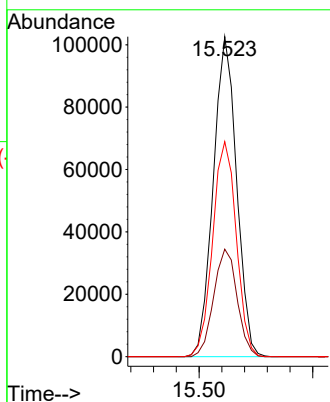
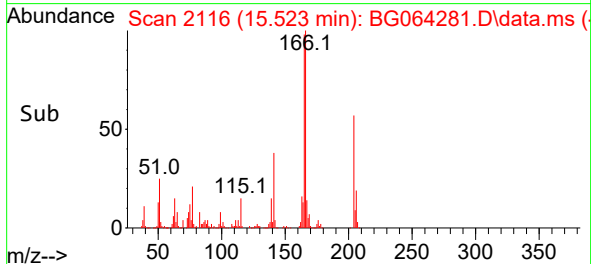
Instrument :
BNA_G
ClientSampleId :
PB169528BS



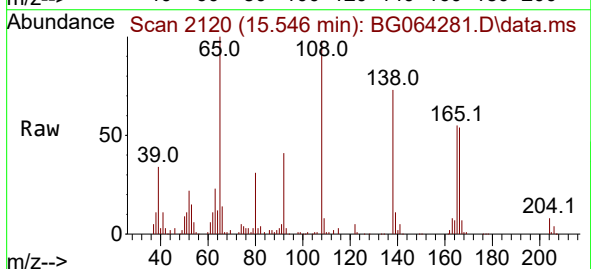
Tgt Ion:204 Resp: 146134
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.4
141 67.2 51.9 77.9

Manual Integrations
APPROVED

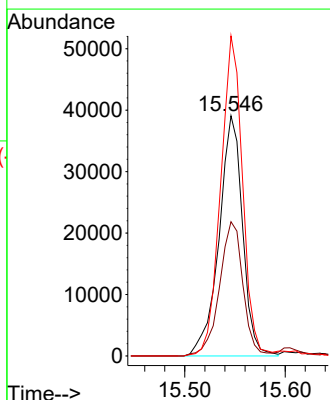
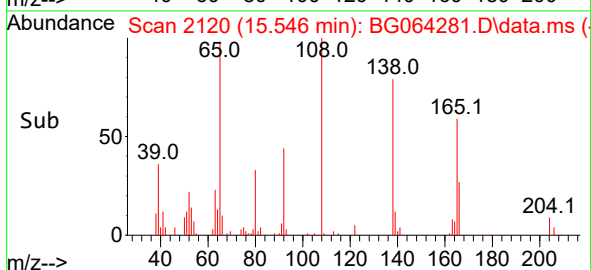
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

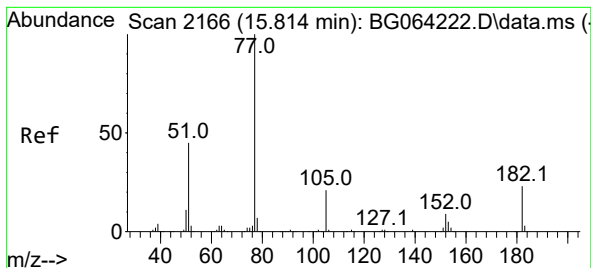


#62
4-Nitroaniline
Concen: 50.088 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:138 Resp: 63687
Ion Ratio Lower Upper
138 100
92 55.9 39.1 79.1
108 133.2 111.3 151.3





#63

Azobenzene

Concen: 48.145 ng

RT: 15.816 min Scan# 2166

Delta R.T. -0.004 min

Lab File: BG064281.D

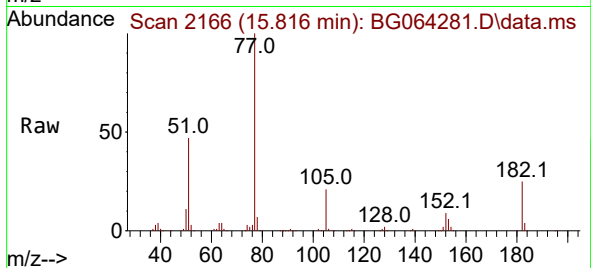
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



Tgt Ion: 77 Resp: 282189

Ion Ratio Lower Upper

77 100

182 24.8 3.3 43.3

105 20.5 0.6 40.6

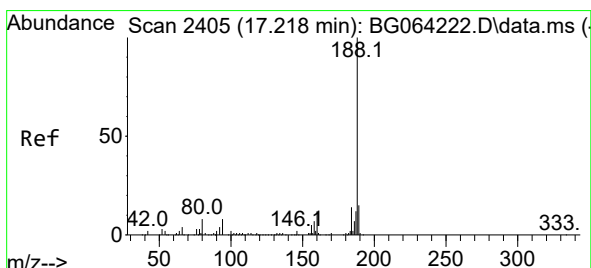
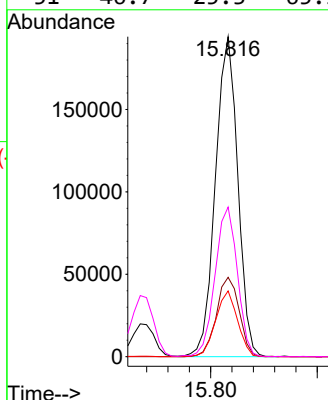
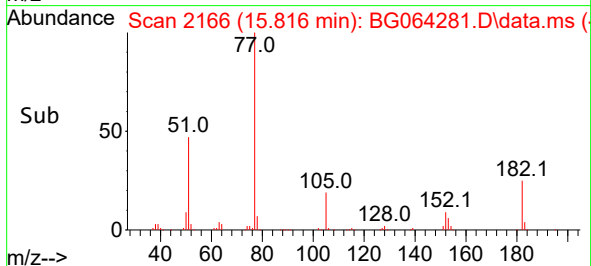
51 46.7 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

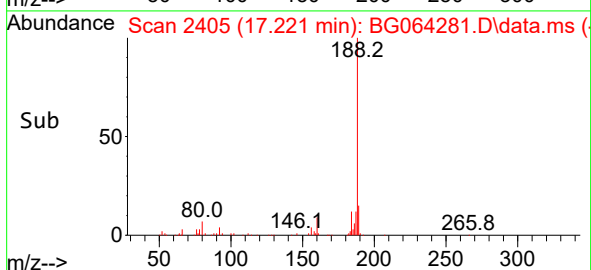
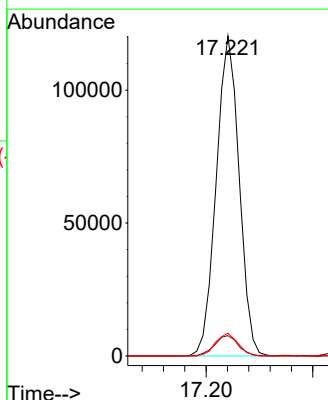
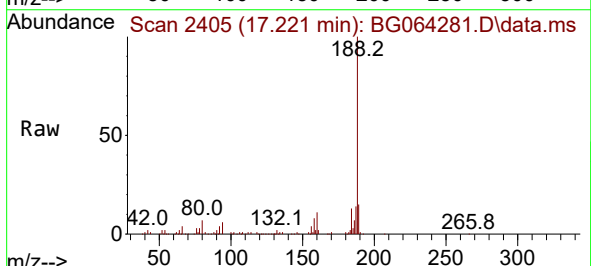
Tgt Ion:188 Resp: 179382

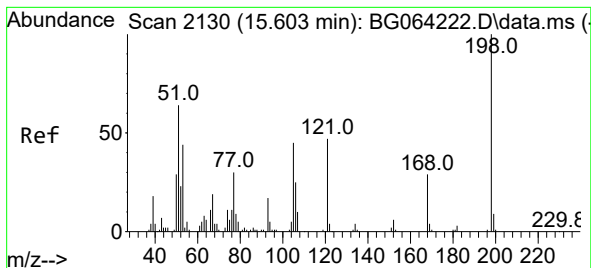
Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

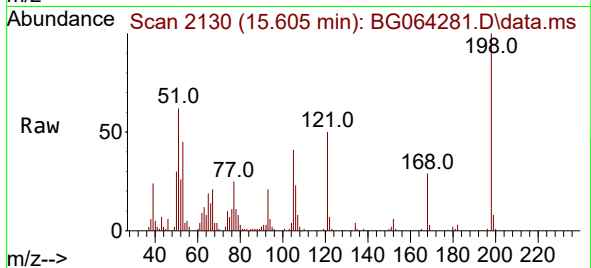
80 7.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 59.800 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

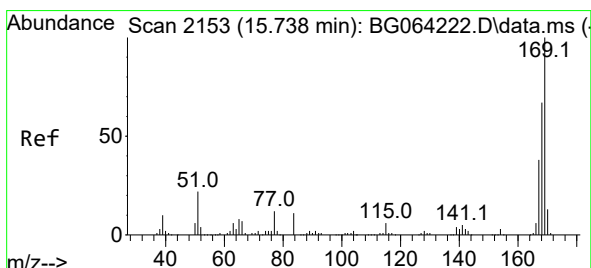
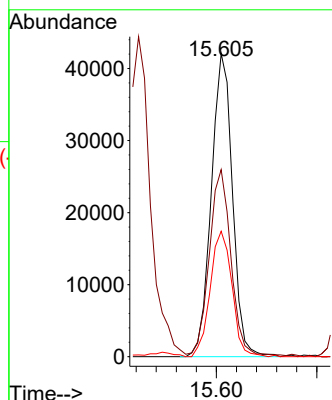
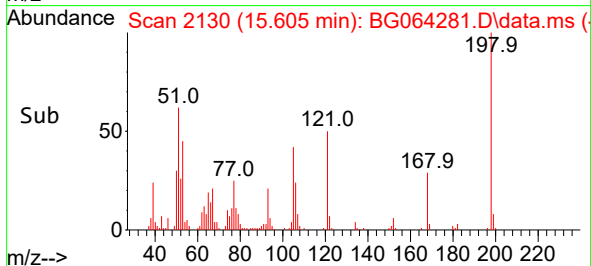
Instrument :
BNA_G
ClientSampleId :
PB169528BS



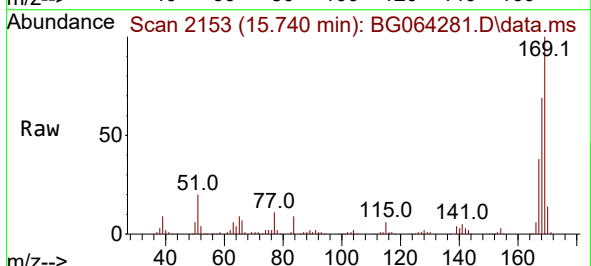
Tgt Ion:198 Resp: 6158
Ion Ratio Lower Upper
198 100
51 61.7 46.2 86.2
105 41.4 25.0 65.0

Manual Integrations
APPROVED

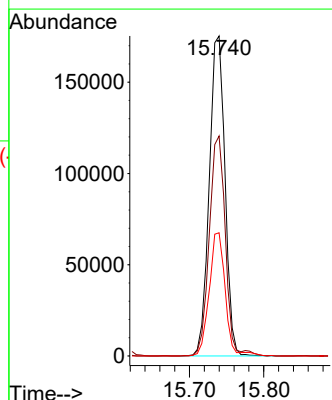
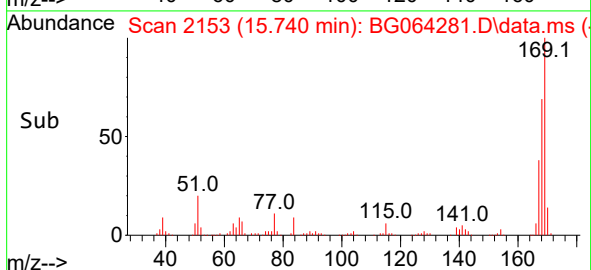
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

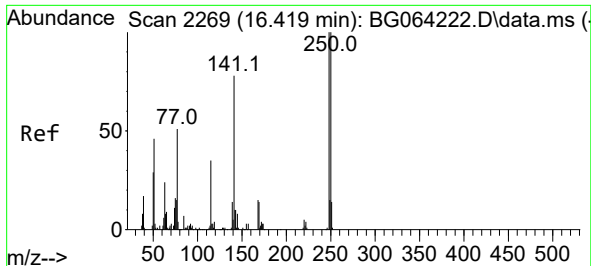


#66
n-Nitrosodiphenylamine
Concen: 52.363 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:169 Resp: 258391
Ion Ratio Lower Upper
169 100
168 68.7 53.8 80.8
167 38.5 30.2 45.2





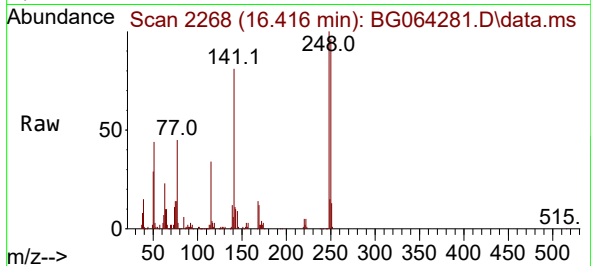
#67
4-Bromophenyl-phenylether
Concen: 54.177 ng
RT: 16.416 min Scan# 2268
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

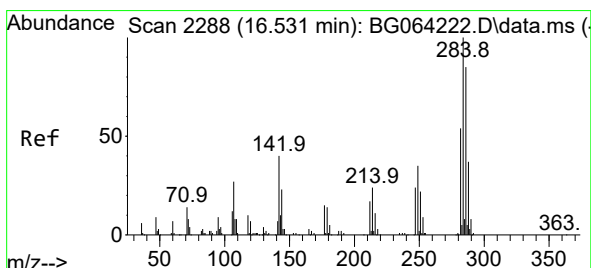
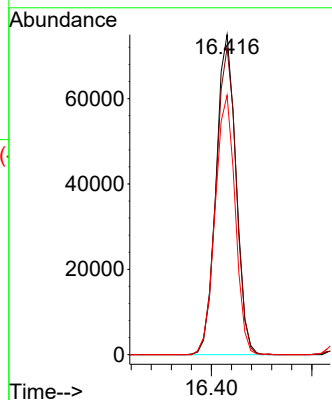
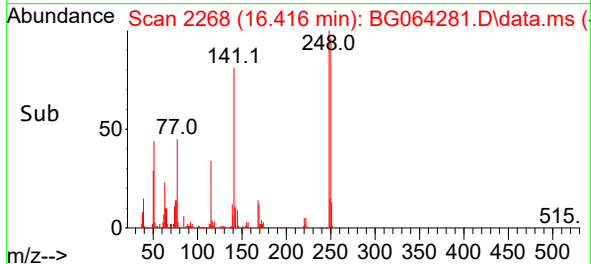


Tgt Ion:248 Resp: 10322
Ion Ratio Lower Upper
248 100
250 96.0 80.2 120.4
141 81.0 62.4 93.6

Manual Integrations

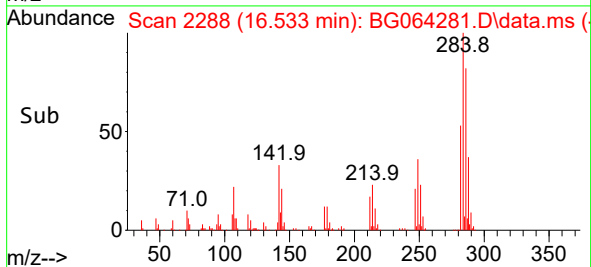
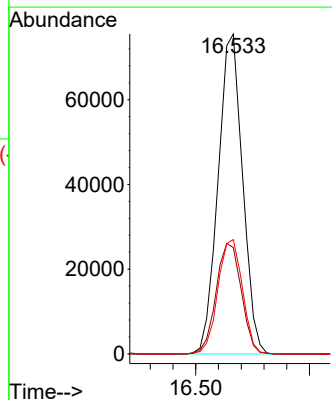
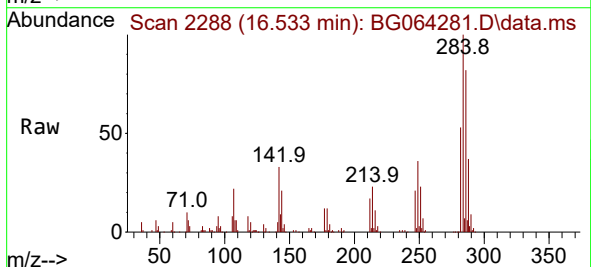
APPROVED

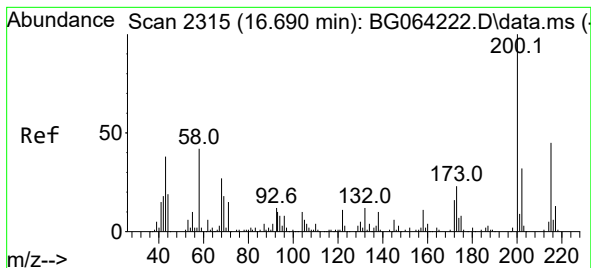
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#68
Hexachlorobenzene
Concen: 53.386 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:284 Resp: 112952
Ion Ratio Lower Upper
284 100
142 33.3 32.1 48.1
249 35.7 28.3 42.5





#69

Atrazine

Concen: 53.666 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Tgt Ion:200 Resp: 110574

Ion Ratio Lower Upper

200 100

173 24.5 3.5 43.5

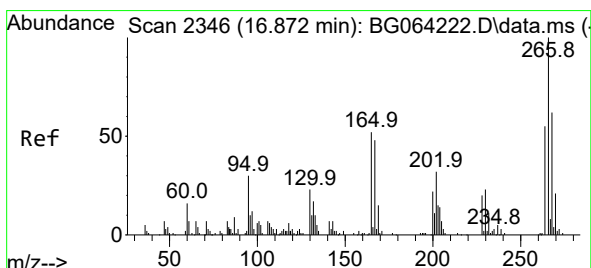
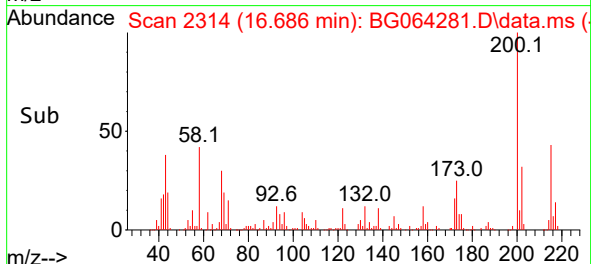
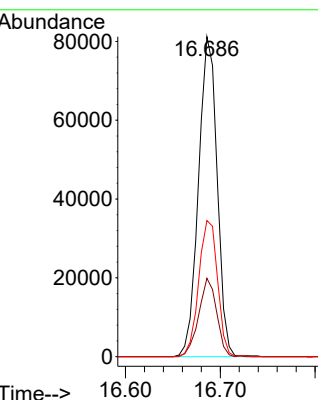
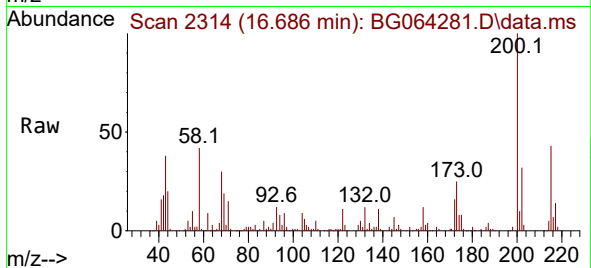
215 42.6 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 114.474 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

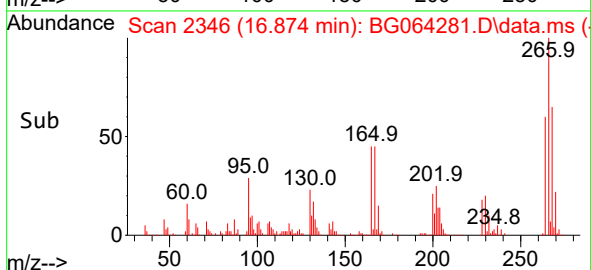
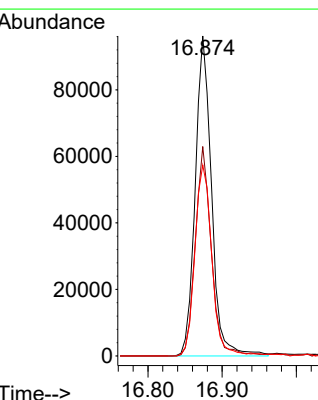
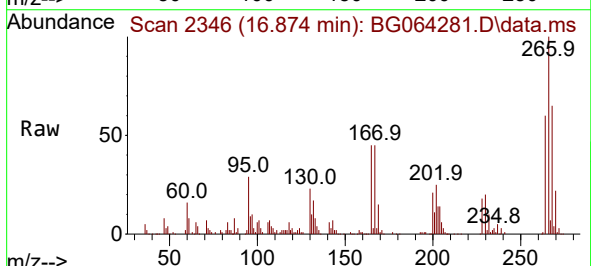
Tgt Ion:266 Resp: 146856

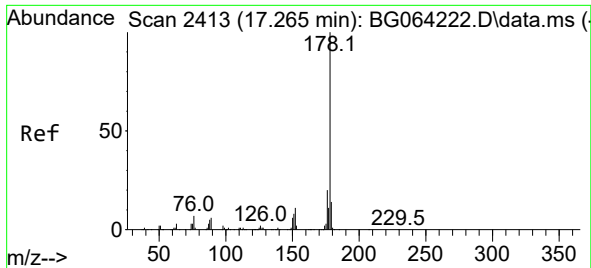
Ion Ratio Lower Upper

266 100

268 65.5 49.4 74.0

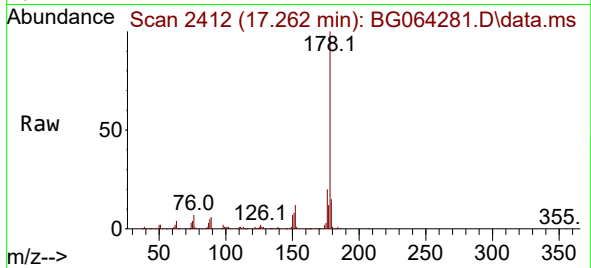
264 59.6 44.3 66.5





#71
Phenanthrene
Concen: 51.271 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

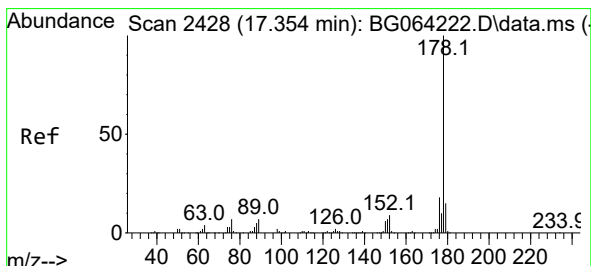
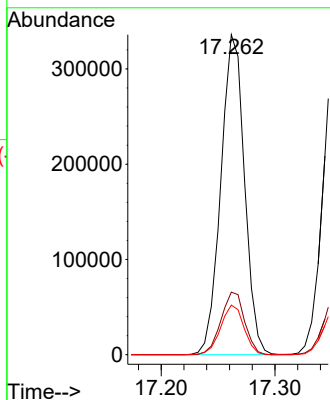
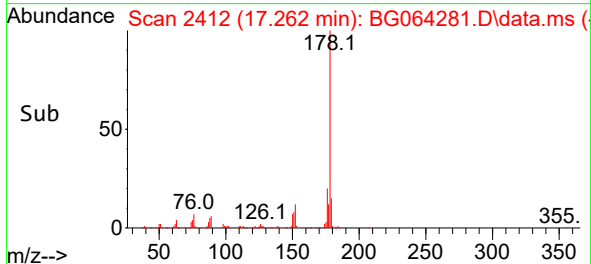
Instrument :
BNA_G
ClientSampleId :
PB169528BS



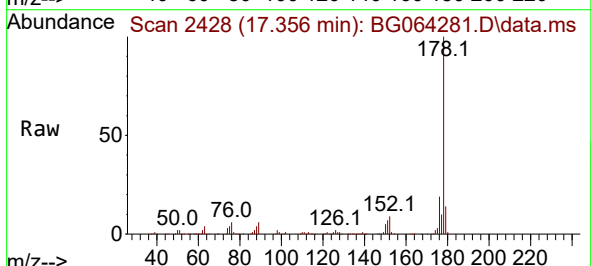
Tgt Ion:178 Resp: 48508
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 11.4 17.2

Manual Integrations
APPROVED

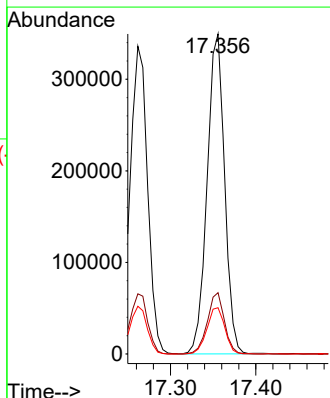
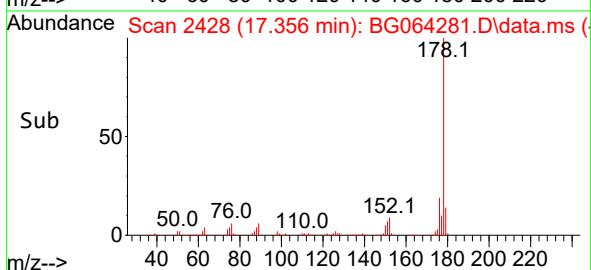
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

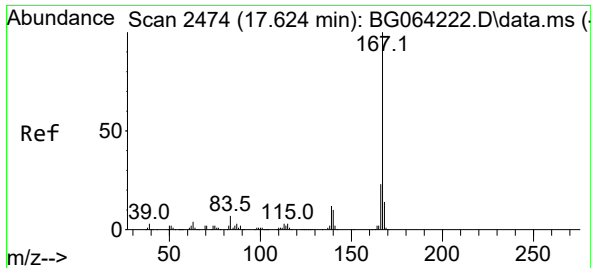


#72
Anthracene
Concen: 51.855 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:178 Resp: 499057
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 14.4 12.1 18.1





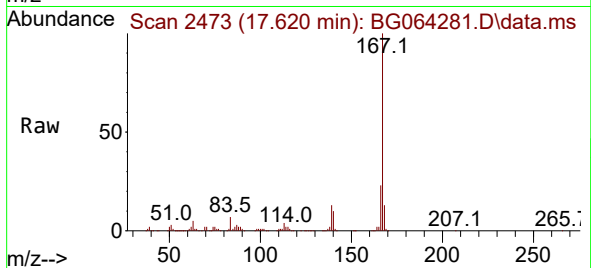
#73
 Carbazole
 Concen: 52.740 ng
 RT: 17.620 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

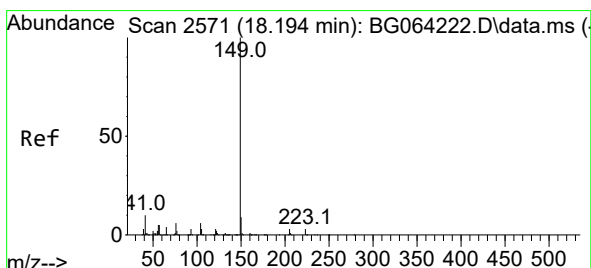
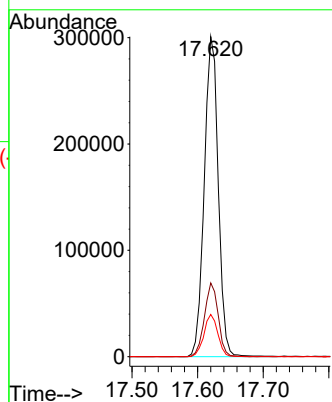
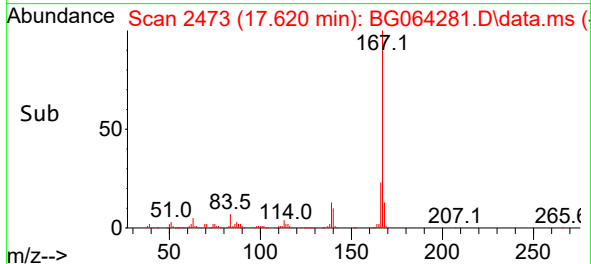


Tgt Ion:167 Resp: 447139
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 13.2 9.8 14.6

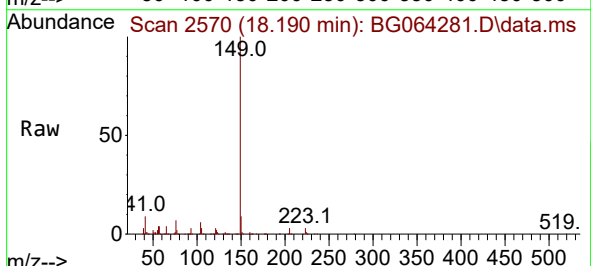
Manual Integrations

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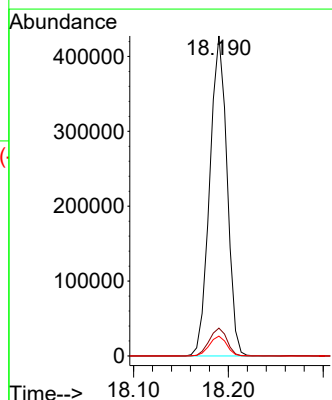
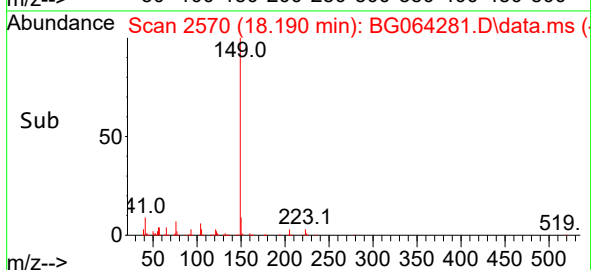
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

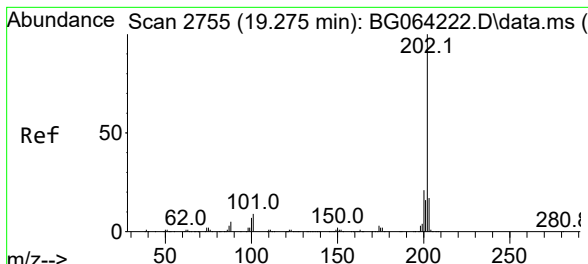


#74
 Di-n-butylphthalate
 Concen: 53.059 ng
 RT: 18.190 min Scan# 2570
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15



Tgt Ion:149 Resp: 540453
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 6.2 4.6 7.0





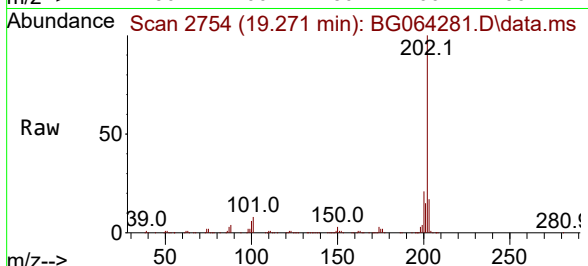
#75
 Fluoranthene
 Concen: 52.429 ng
 RT: 19.271 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

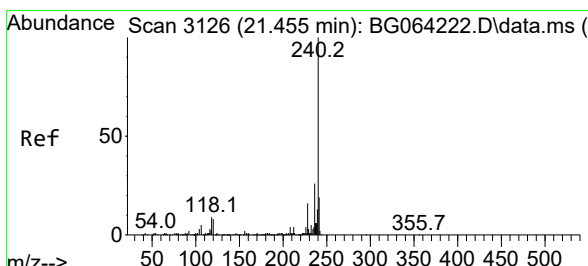
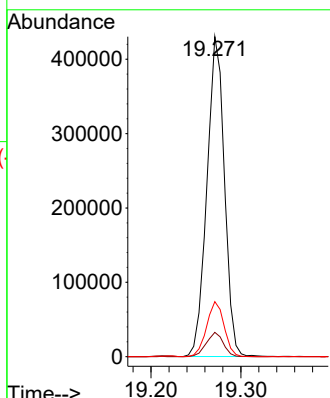
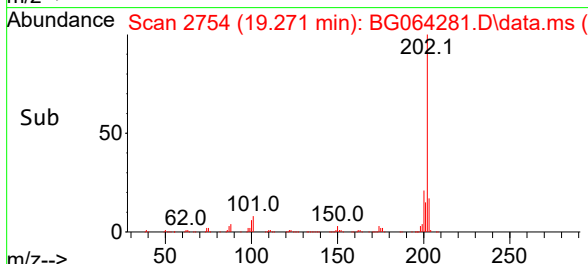


Tgt Ion:	202	Resp:	58325
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.7
203	17.2	0.0	36.9

Manual Integrations

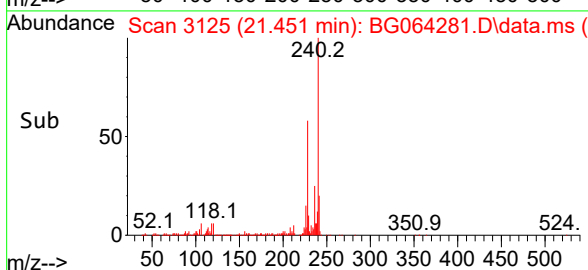
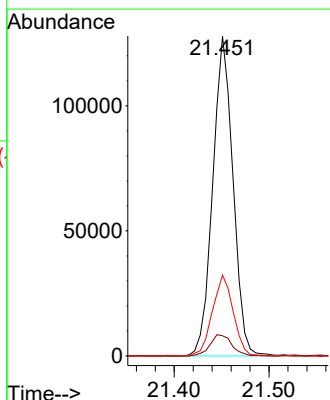
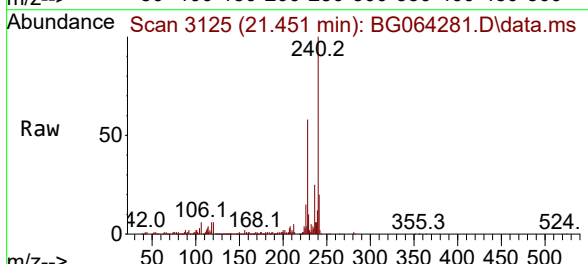
APPROVED

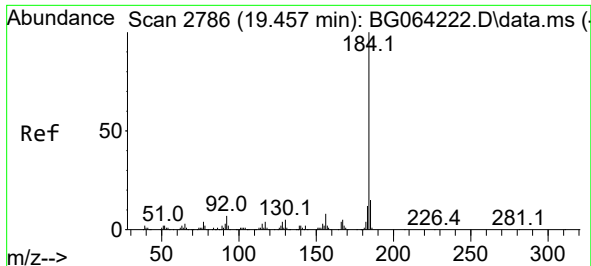
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.451 min Scan# 3125
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15

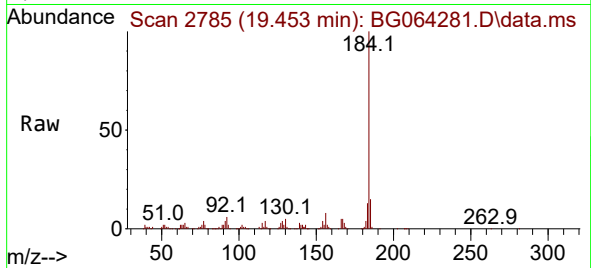
Tgt Ion:	240	Resp:	190221
Ion Ratio	Lower	Upper	
240	100		
120	6.3	6.2	9.4
236	25.3	20.5	30.7





#77
Benzidine
Concen: 40.131 ng
RT: 19.453 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

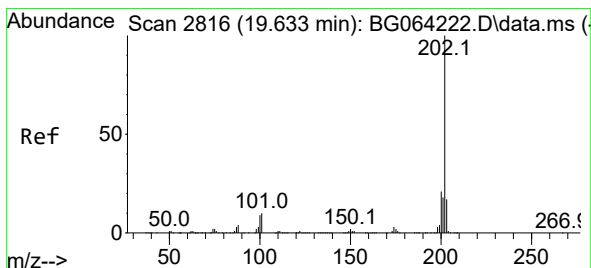
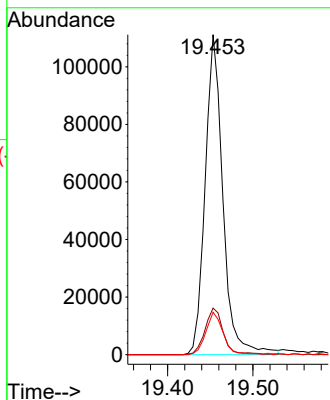
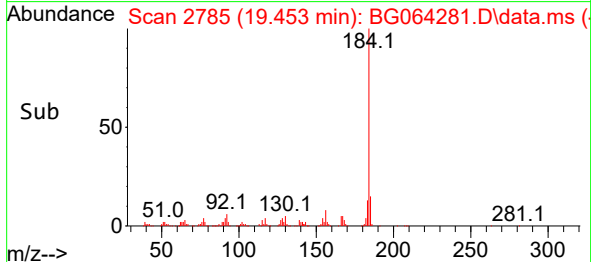
Instrument :
BNA_G
ClientSampleId :
PB169528BS



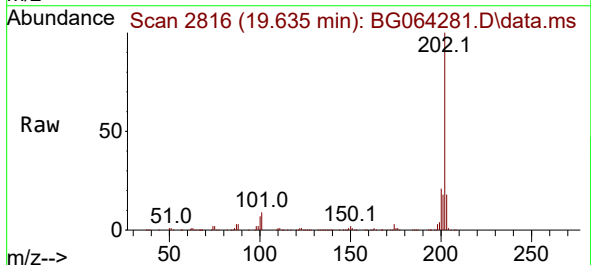
Tgt Ion:184 Resp: 160589
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 13.3 9.7 14.5

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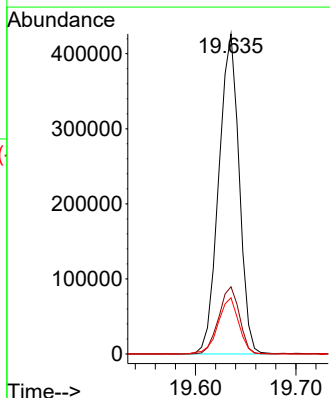
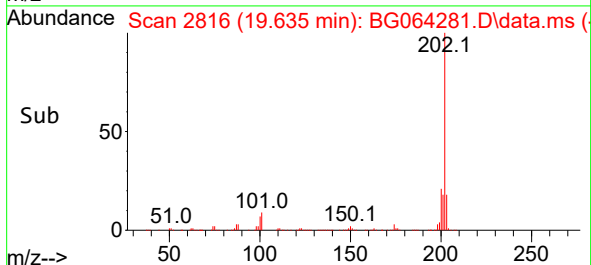
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

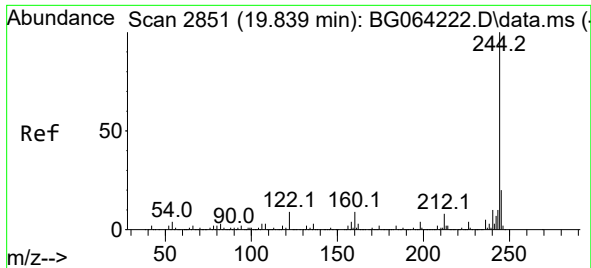


#78
Pyrene
Concen: 50.092 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



Tgt Ion:202 Resp: 600312
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.6 13.8 20.8





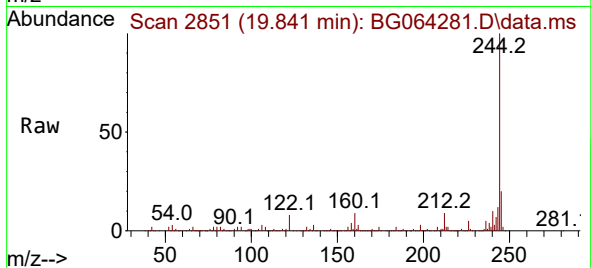
#79
 Terphenyl-d14
 Concen: 104.835 ng
 RT: 19.841 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

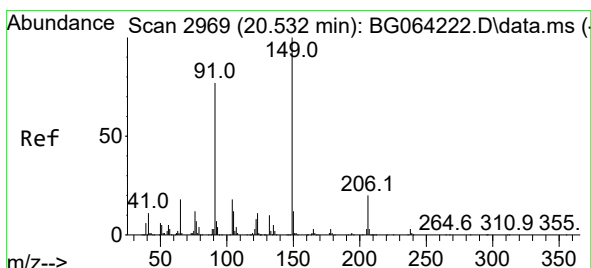
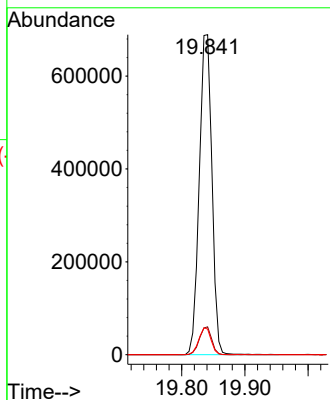
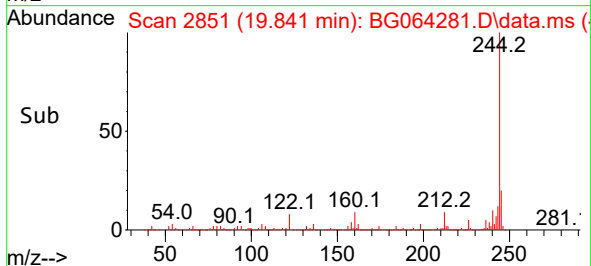


Tgt Ion:244 Resp: 955819
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 8.0 7.0 10.6

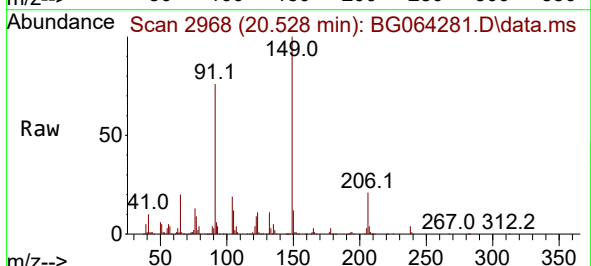
Manual Integrations

APPROVED

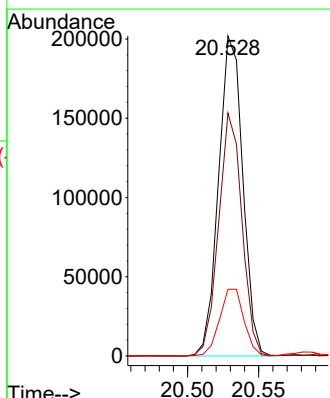
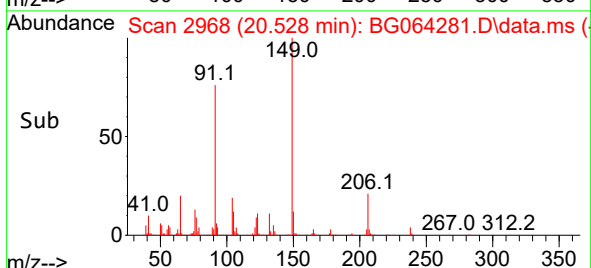
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

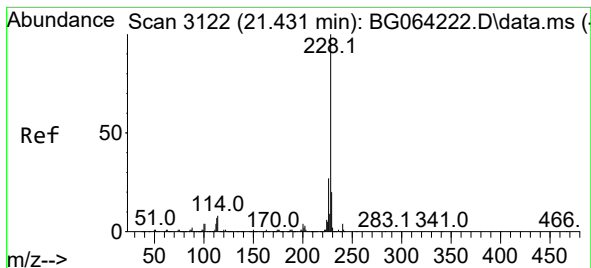


#80
 Butylbenzylphthalate
 Concen: 52.870 ng
 RT: 20.528 min Scan# 2968
 Delta R.T. -0.004 min
 Lab File: BG064281.D
 Acq: 4 Sep 2025 13:15



Tgt Ion:149 Resp: 238979
 Ion Ratio Lower Upper
 149 100
 91 75.9 61.4 92.0
 206 20.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 51.467 ng

RT: 21.433 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Tgt Ion:228 Resp: 626328

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

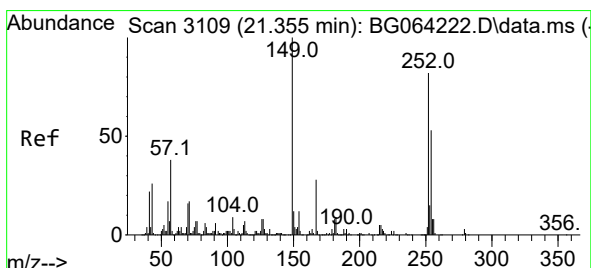
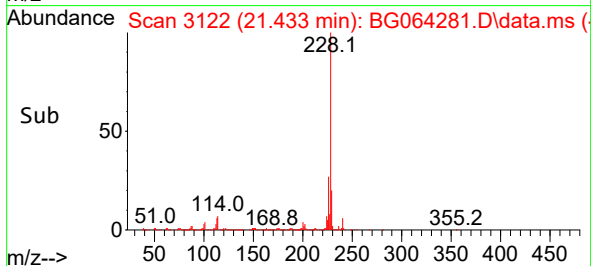
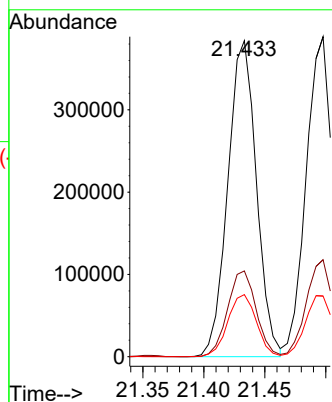
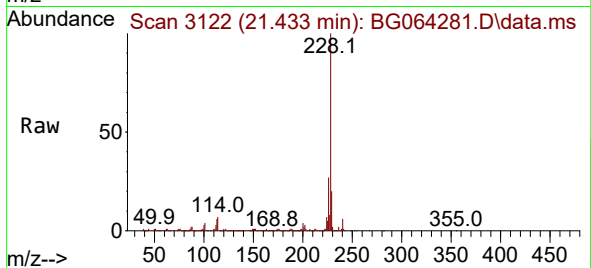
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#82

3,3'-Dichlorobenzidine

Concen: 27.445 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

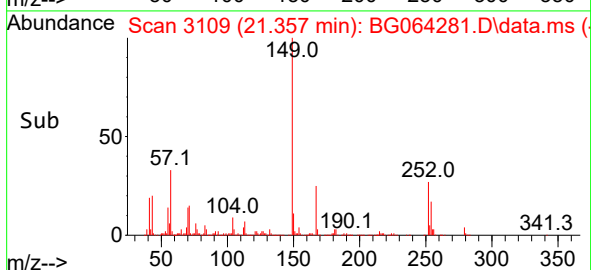
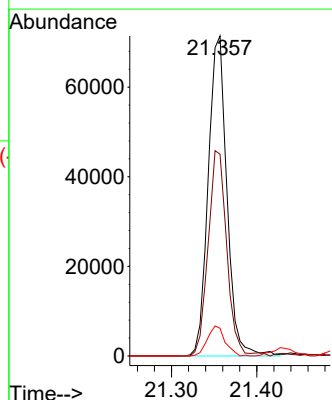
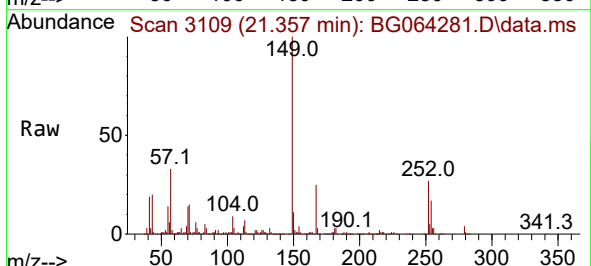
Tgt Ion:252 Resp: 108775

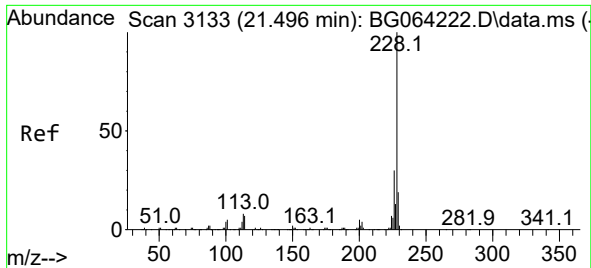
Ion Ratio Lower Upper

252 100

254 63.0 51.9 77.9

126 8.7 7.6 11.4





#83

Chrysene

Concen: 50.657 ng

RT: 21.498 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Tgt Ion:228 Resp: 591834

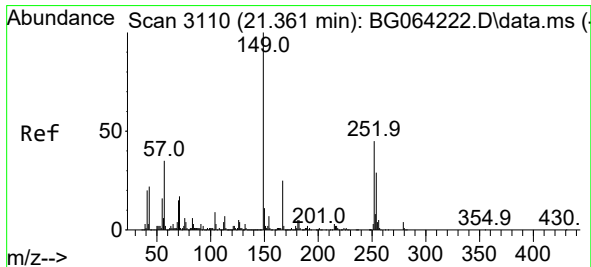
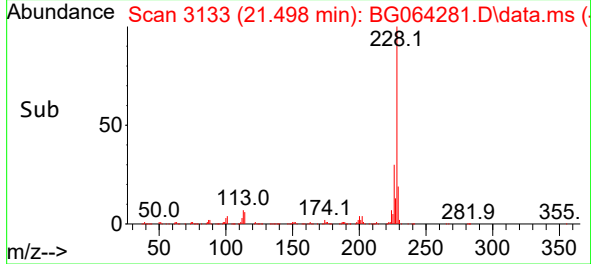
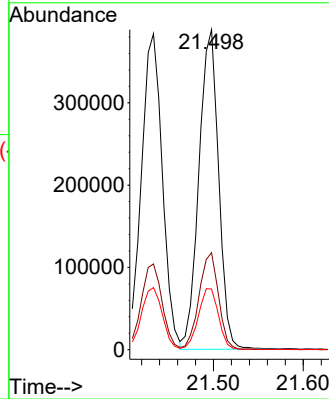
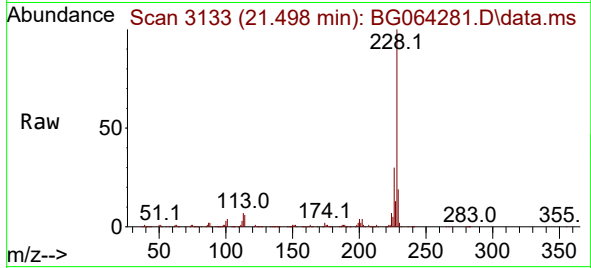
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.511 ng

RT: 21.357 min Scan# 3109

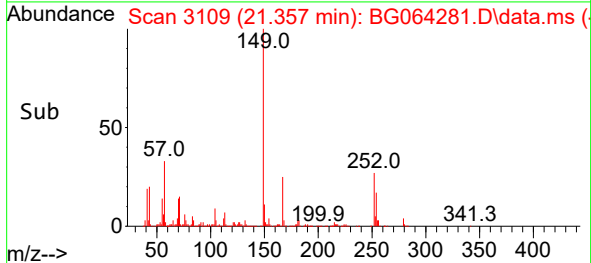
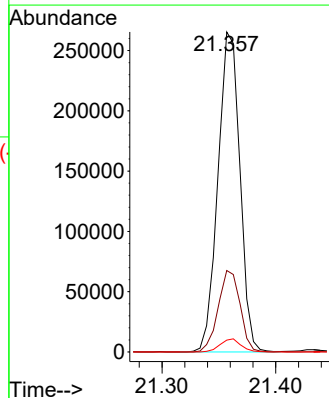
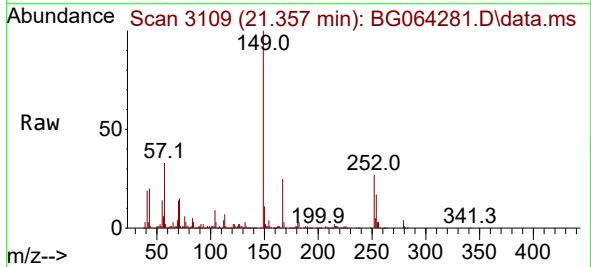
Delta R.T. -0.010 min

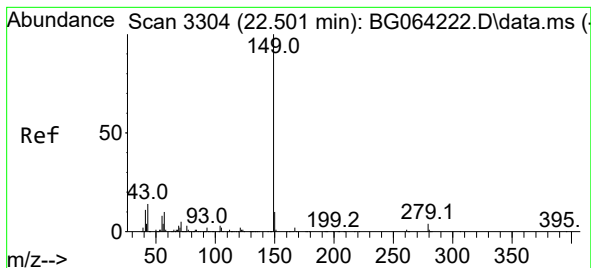
Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

Tgt Ion:149 Resp: 356351

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.0	30.0
279	3.7	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 51.802 ng

RT: 22.497 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG064281.D

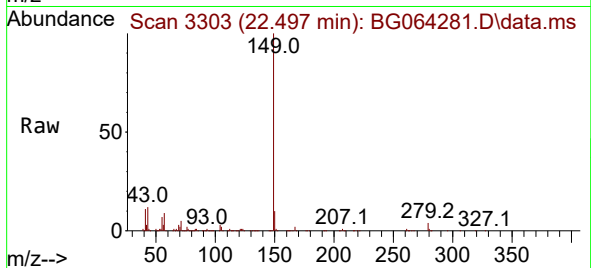
Acq: 4 Sep 2025 13:15

Instrument :

BNA_G

ClientSampleId :

PB169528BS



Tgt Ion:149 Resp: 612540

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

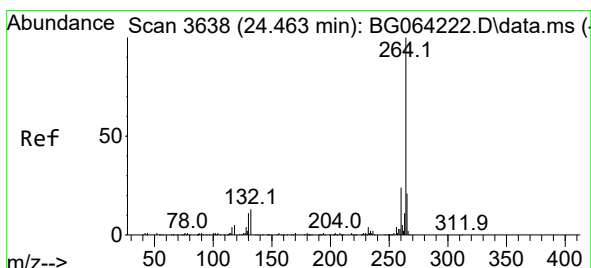
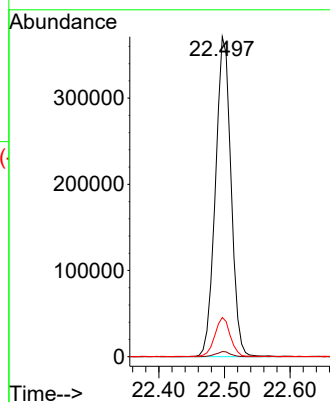
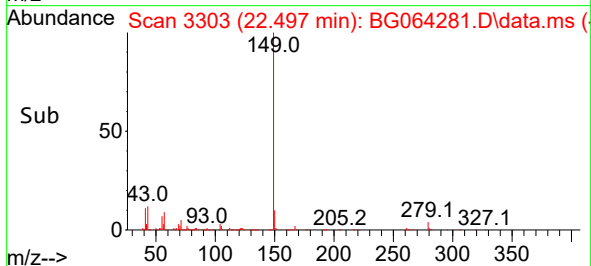
43 12.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.459 min Scan# 3637

Delta R.T. -0.004 min

Lab File: BG064281.D

Acq: 4 Sep 2025 13:15

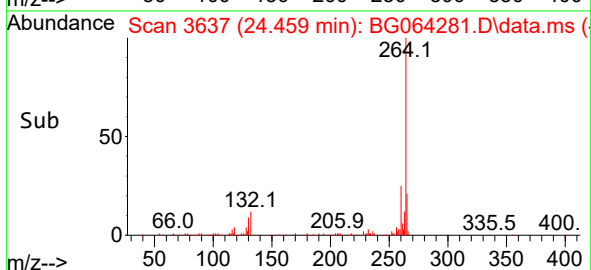
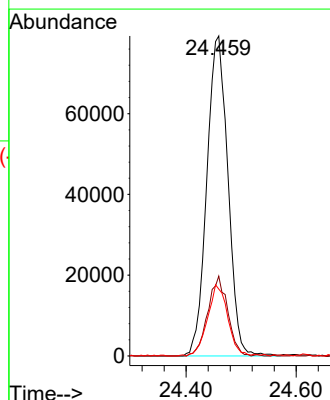
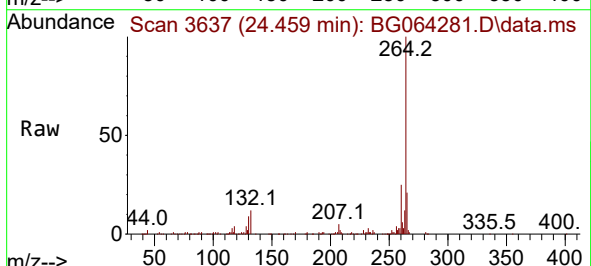
Tgt Ion:264 Resp: 210985

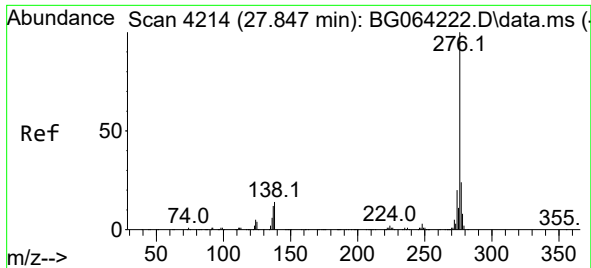
Ion Ratio Lower Upper

264 100

260 24.9 18.9 28.3

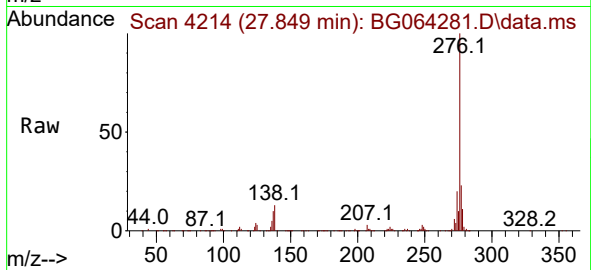
265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.478 ng
RT: 27.849 min Scan# 4214
Delta R.T. -0.022 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

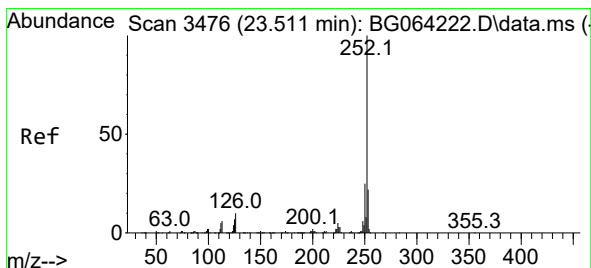
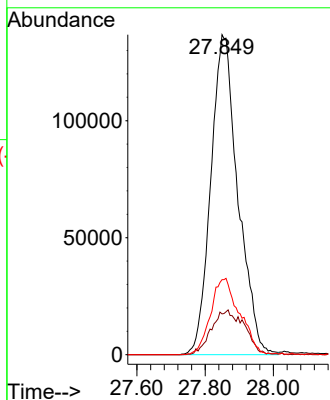
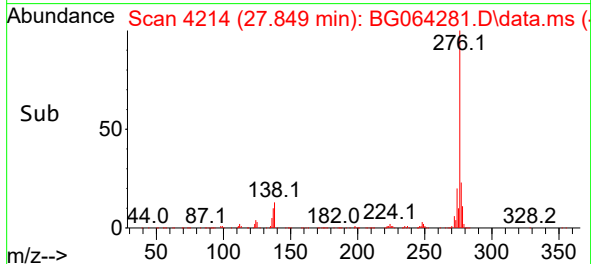
Instrument :
BNA_G
ClientSampleId :
PB169528BS



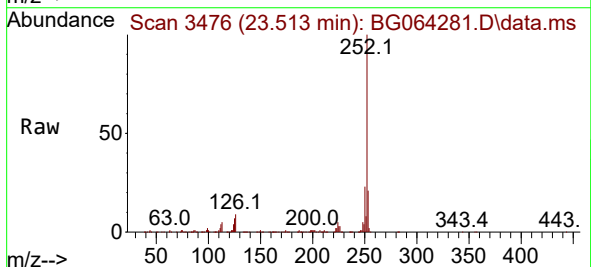
Tgt Ion:276 Resp: 75613
Ion Ratio Lower Upper
276 100
138 11.7 7.4 11.0
277 25.4 20.5 30.7

Manual Integrations
APPROVED

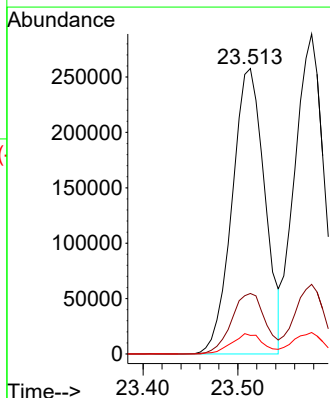
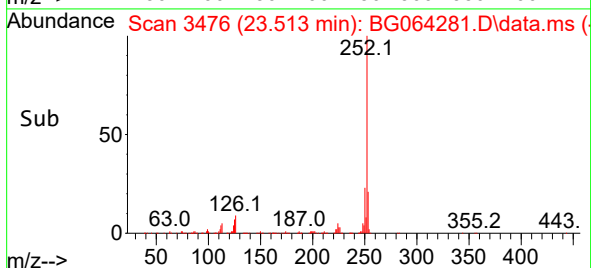
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

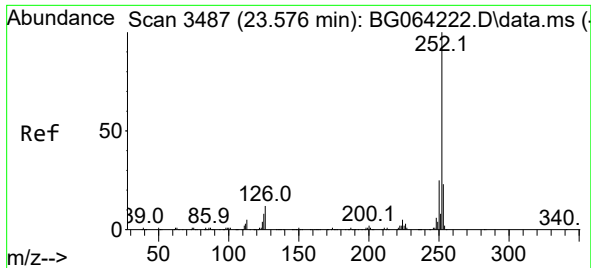


#88
Benzo(b)fluoranthene
Concen: 51.906 ng
RT: 23.513 min Scan# 3476
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15



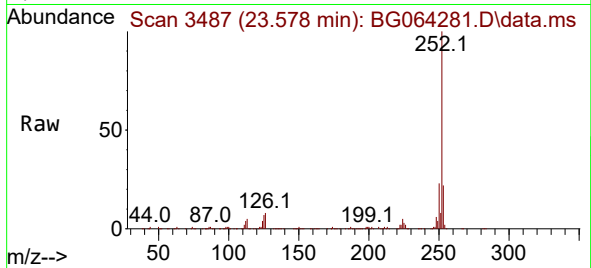
Tgt Ion:252 Resp: 618080
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 6.5 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 51.099 ng
RT: 23.578 min Scan# 3487
Delta R.T. -0.010 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

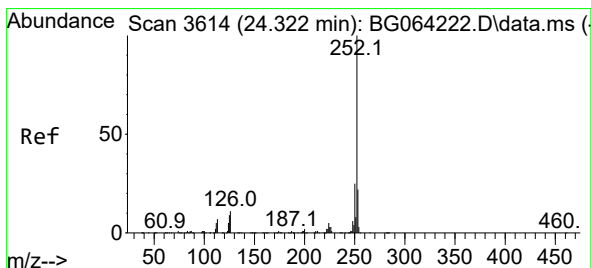
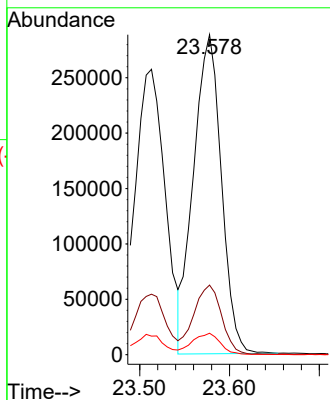
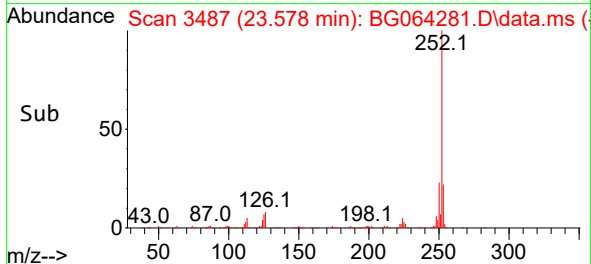
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion:252 Resp: 61989
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 6.7 7.0 10.4

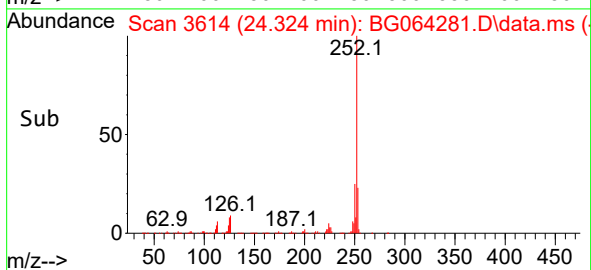
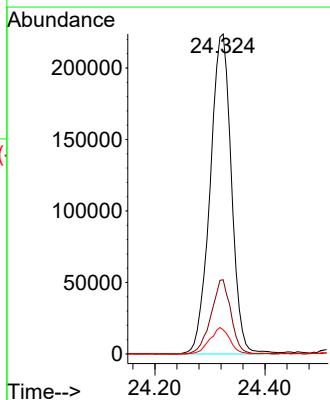
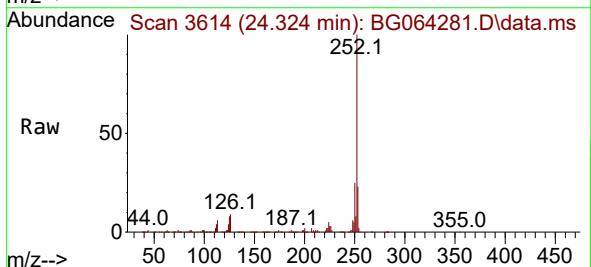
Manual Integrations
APPROVED

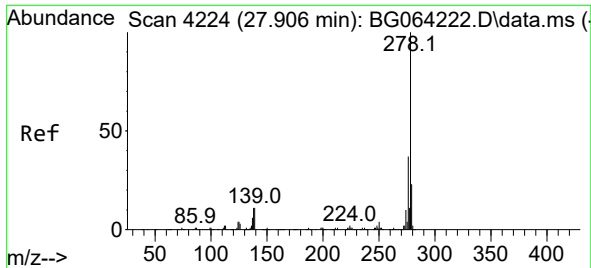
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#90
Benzo(a)pyrene
Concen: 54.352 ng
RT: 24.324 min Scan# 3614
Delta R.T. -0.004 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

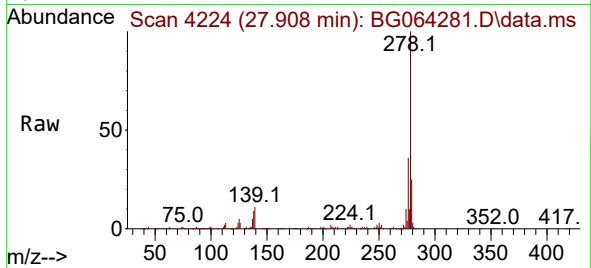
Tgt Ion:252 Resp: 602048
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 7.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 53.473 ng
RT: 27.908 min Scan# 41
Delta R.T. -0.016 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

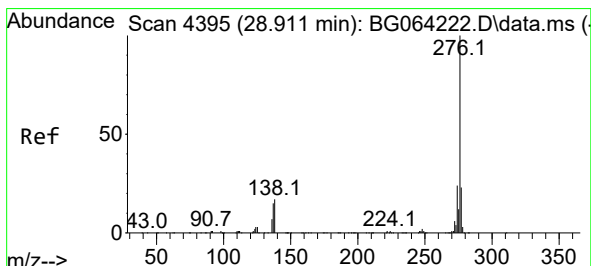
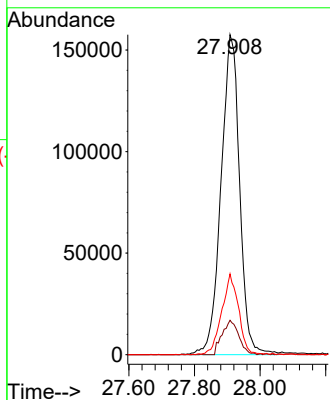
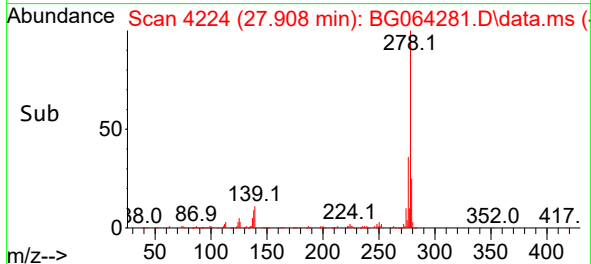
Instrument :
BNA_G
ClientSampleId :
PB169528BS



Tgt Ion:278 Resp: 618610
Ion Ratio Lower Upper
278 100
139 10.7 9.0 13.4
279 25.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#92
Benzo(g,h,i)perylene
Concen: 53.884 ng
RT: 28.913 min Scan# 4395
Delta R.T. -0.022 min
Lab File: BG064281.D
Acq: 4 Sep 2025 13:15

Tgt Ion:276 Resp: 606574
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 13.2 13.3 19.9#

