

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064331.D
 Acq On : 10 Sep 2025 13:58
 Operator : RC/JU
 Sample : PB169593BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 14:36:44 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	7.847	152	23229	20.000	ng	-0.01
21) Naphthalene-d8	10.632	136	98242	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	69463	20.000	ng	-0.01
64) Phenanthrene-d10	17.212	188	167983	20.000	ng	#-0.01
76) Chrysene-d12	21.443	240	181826	20.000	ng	#-0.01
86) Perylene-d12	24.439	264	201546	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	163417	126.215	ng	0.00
7) Phenol-d6	7.019	99	218277	122.713	ng	-0.01
23) Nitrobenzene-d5	8.999	82	155469	88.257	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	140831	153.066	ng	-0.01
45) 2-Fluorobiphenyl	13.094	172	400398	87.982	ng	-0.02
79) Terphenyl-d14	19.827	244	796653	91.411	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	16802	31.134	ng	# 87
3) Pyridine	3.734	79	49068	30.888	ng	# 59
4) n-Nitrosodimethylamine	3.652	42	46007	43.785	ng	# 97
6) Aniline	7.171	93	78232	31.804	ng	# 93
8) 2-Chlorophenol	7.412	128	70589	44.616	ng	95
9) Benzaldehyde	6.983	77	28713	19.615	ng	94
10) Phenol	7.048	94	83788	42.725	ng	88
11) bis(2-Chloroethyl)ether	7.271	93	54239	36.805	ng	98
12) 1,3-Dichlorobenzene	7.735	146	75207	44.682	ng	98
13) 1,4-Dichlorobenzene	7.882	146	78289	46.087	ng	94
14) 1,2-Dichlorobenzene	8.194	146	72092	43.972	ng	91
15) Benzyl Alcohol	8.082	79	70188	42.759	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.376	45	102521	30.471	ng	97
17) 2-Methylphenol	8.288	107	60587	41.453	ng	90
18) Hexachloroethane	8.922	117	28250	42.603	ng	# 84
19) n-Nitroso-di-n-propyla...	8.652	70	50859	37.359	ng	98
20) 3+4-Methylphenols	8.617	107	79557	39.174	ng	96
22) Acetophenone	8.664	105	109219	43.944	ng	# 97
24) Nitrobenzene	9.040	77	80175	43.562	ng	96
25) Isophorone	9.563	82	143125	39.094	ng	97
26) 2-Nitrophenol	9.751	139	38284	48.140	ng	# 81
27) 2,4-Dimethylphenol	9.815	122	68183	48.834	ng	96
28) bis(2-Chloroethoxy)met...	10.044	93	77928	39.476	ng	95
29) 2,4-Dichlorophenol	10.279	162	72575	49.264	ng	95
30) 1,2,4-Trichlorobenzene	10.497	180	77638	49.982	ng	94
31) Naphthalene	10.685	128	220096	43.204	ng	98
32) Benzoic acid	9.962	122	47682	43.022	ng	89
33) 4-Chloroaniline	10.791	127	54700	27.703	ng	98
34) Hexachlorobutadiene	10.973	225	59181	51.542	ng	91
35) Caprolactam	11.560	113	22963m	40.255	ng	
36) 4-Chloro-3-methylphenol	11.919	107	85948	44.965	ng	96
37) 2-Methylnaphthalene	12.295	142	150494	39.743	ng	94
38) 1-Methylnaphthalene	12.512	142	156006	41.711	ng	99
40) 1,2,4,5-Tetrachloroben...	12.665	216	98214	49.004	ng	96
41) Hexachlorocyclopentadiene	12.647	237	143051	150.178	ng	91
43) 2,4,6-Trichlorophenol	12.900	196	65881	49.180	ng	96

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Quant Time: Sep 10 14:36:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

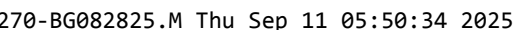
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	70710	48.660	ng	97
46) 1,1'-Biphenyl	13.305	154	229075	45.278	ng	98
47) 2-Chloronaphthalene	13.346	162	169525	44.570	ng	97
48) 2-Nitroaniline	13.546	65	61936	47.776	ng	96
49) Acenaphthylene	14.192	152	284027	50.516	ng	99
50) Dimethylphthalate	13.928	163	235391	44.770	ng	99
51) 2,6-Dinitrotoluene	14.046	165	51221	50.322	ng	95
52) Acenaphthene	14.533	154	166809	42.040	ng	97
53) 3-Nitroaniline	14.375	138	37789	35.442	ng	92
54) 2,4-Dinitrophenol	14.580	184	68354	101.174	ng	# 88
55) Dibenzofuran	14.868	168	282159	45.210	ng	98
56) 4-Nitrophenol	14.692	139	82396	94.209	ng	# 82
57) 2,4-Dinitrotoluene	14.833	165	76436	49.665	ng	# 96
58) Fluorene	15.520	166	237474	46.423	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.097	232	74498	53.302	ng	96
60) Diethylphthalate	15.297	149	252794	44.926	ng	98
61) 4-Chlorophenyl-phenyle...	15.514	204	119944	47.028	ng	98
62) 4-Nitroaniline	15.538	138	53140	48.843	ng	91
63) Azobenzene	15.802	77	214818	42.833	ng	96
65) 4,6-Dinitro-2-methylph...	15.597	198	52725	54.669	ng	91
66) n-Nitrosodiphenylamine	15.726	169	208224	45.060	ng	99
67) 4-Bromophenyl-phenylether	16.407	248	85759	48.066	ng	99
68) Hexachlorobenzene	16.519	284	93827	47.356	ng	94
69) Atrazine	16.678	200	94236	48.840	ng	98
70) Pentachlorophenol	16.866	266	129768	108.018	ng	# 89
71) Phenanthrene	17.254	178	393820	44.449	ng	97
72) Anthracene	17.342	178	408976	45.379	ng	99
73) Carbazole	17.612	167	363876	45.831	ng	99
74) Di-n-butylphthalate	18.176	149	445379	46.692	ng	98
75) Fluoranthene	19.263	202	494723	47.489	ng	97
77) Benzidine	19.445	184	160928	42.073	ng	97
78) Pyrene	19.627	202	507175	44.274	ng	99
80) Butylbenzylphthalate	20.520	149	198287	45.893	ng	95
81) Benzo(a)anthracene	21.419	228	534950	45.988	ng	98
82) 3,3'-Dichlorobenzidine	21.343	252	130610	34.476	ng	98
83) Chrysene	21.484	228	499842	44.758	ng	100
84) Bis(2-ethylhexyl)phtha...	21.343	149	290590	44.797	ng	99
85) Di-n-octyl phthalate	22.483	149	492489	43.573	ng	96
87) Indeno(1,2,3-cd)pyrene	27.818	276	640807	46.557	ng	99
88) Benzo(b)fluoranthene	23.493	252	522817	45.962	ng	# 97
89) Benzo(k)fluoranthene	23.558	252	536633	46.307	ng	# 95
90) Benzo(a)pyrene	24.298	252	505003	47.726	ng	# 98
91) Dibenzo(a,h)anthracene	27.876	278	520245	47.076	ng	# 97
92) Benzo(g,h,i)perylene	28.869	276	512258	47.637	ng	# 94

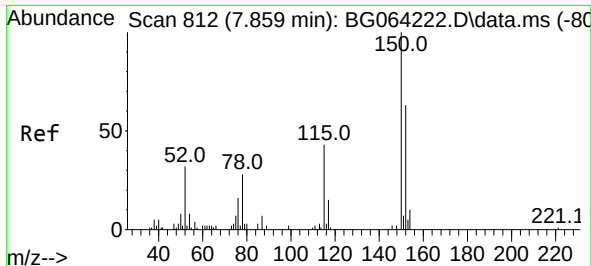
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

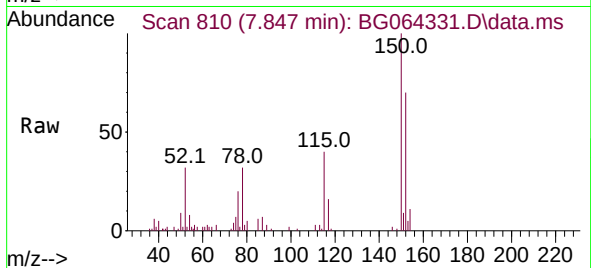
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.847 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

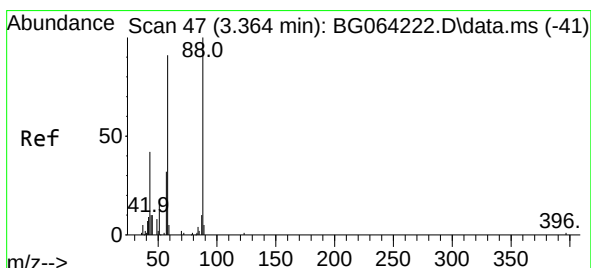
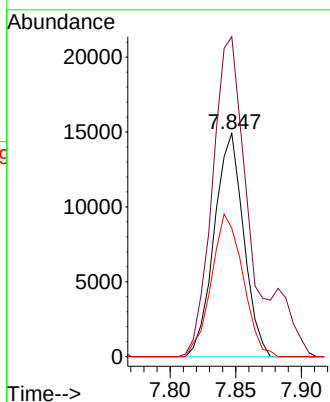
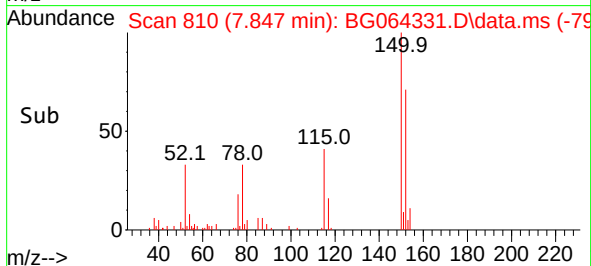
Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS



Tgt Ion:152 Resp: 23229
 Ion Ratio Lower Upper
 152 100
 150 143.3 128.0 192.0
 115 57.4 55.7 83.5

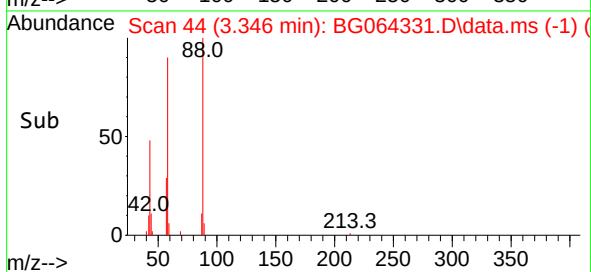
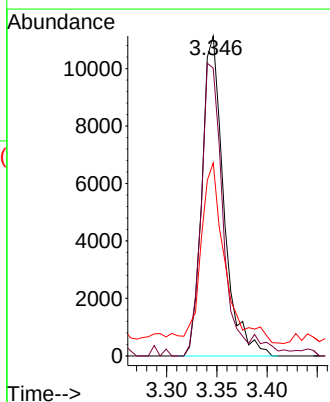
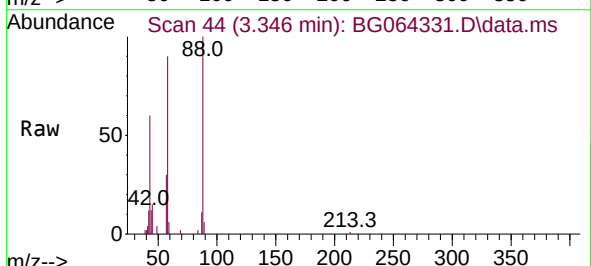
Manual Integrations
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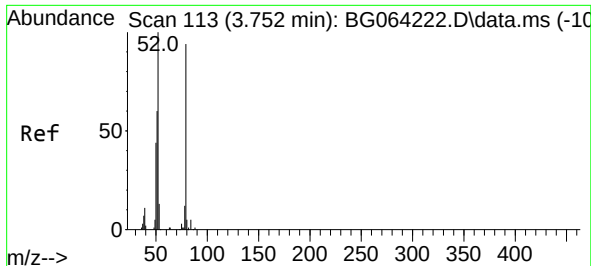
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#2
 1,4-Dioxane
 Concen: 31.134 ng
 RT: 3.346 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

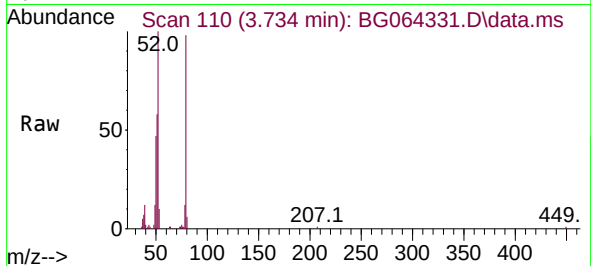
Tgt Ion: 88 Resp: 16802
 Ion Ratio Lower Upper
 88 100
 58 88.7 80.8 121.2
 43 61.2 40.3 60.5





#3
Pyridine
Concen: 30.888 ng
RT: 3.734 min Scan# 113
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

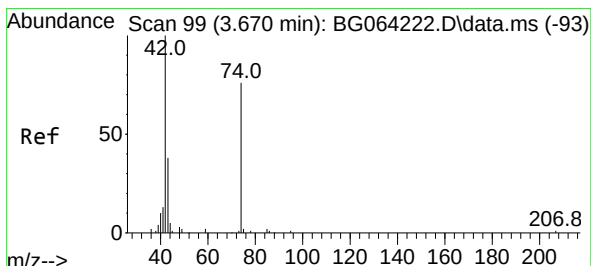
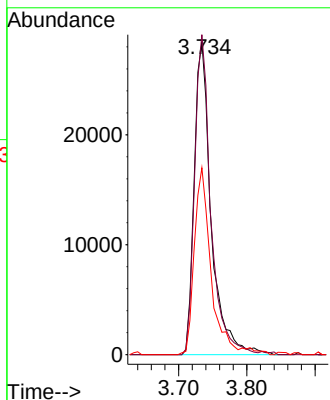
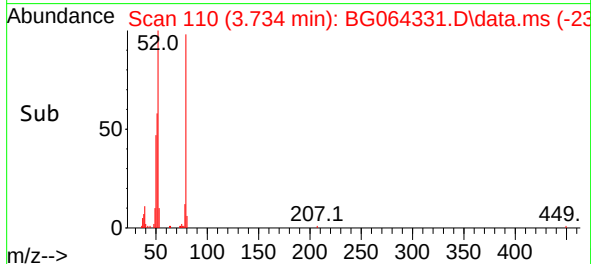
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 79 Resp: 49068
Ion Ratio Lower Upper
79 100
52 102.4 86.6 129.8
51 59.8 114.1 171.1

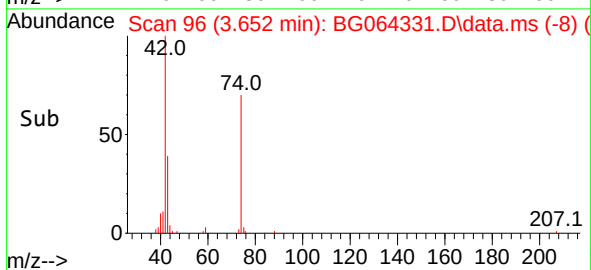
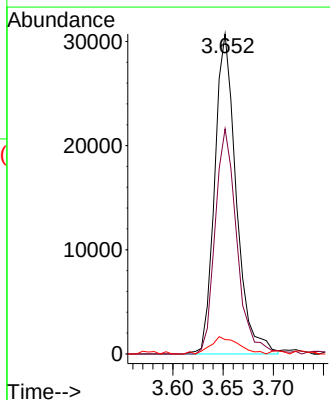
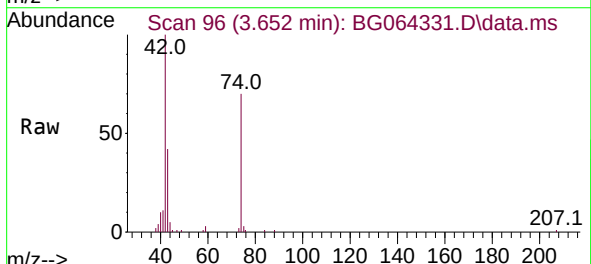
Manual Integrations
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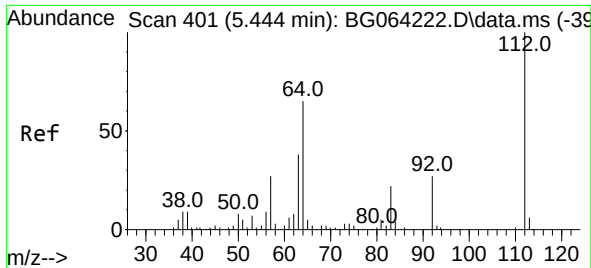
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#4
n-Nitrosodimethylamine
Concen: 43.785 ng
RT: 3.652 min Scan# 96
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

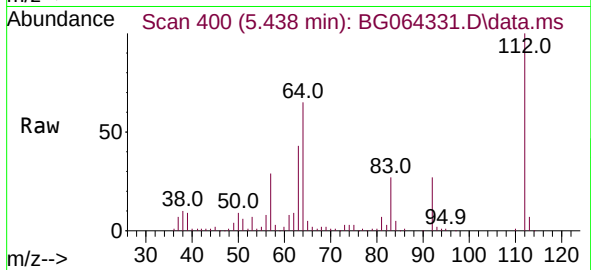
Tgt Ion: 42 Resp: 46007
Ion Ratio Lower Upper
42 100
74 70.3 58.0 87.0
44 4.5 5.5 8.3





#5
2-Fluorophenol
Concen: 126.215 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

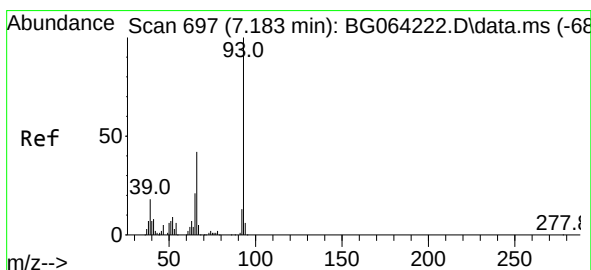
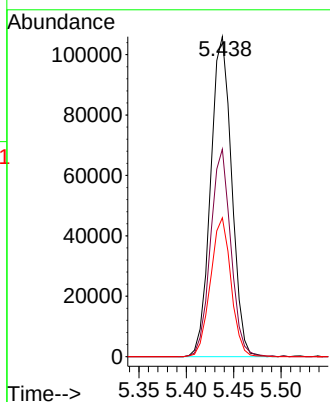
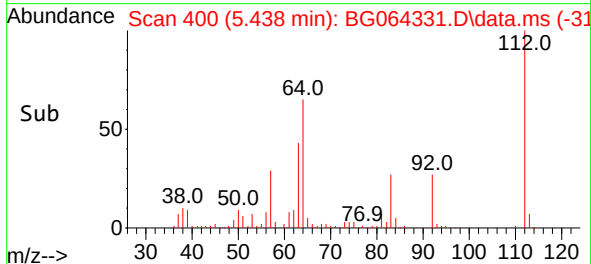
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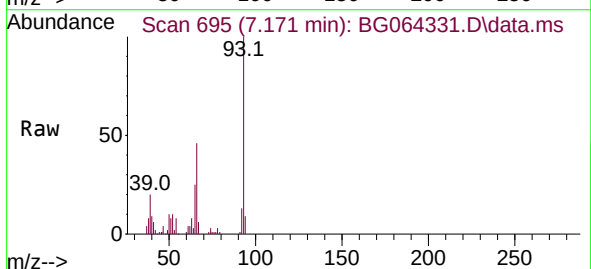
Tgt Ion:112 Resp: 163417
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.6
63 43.4 30.6 45.8

Manual Integrations
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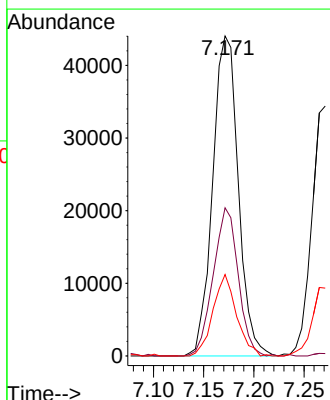
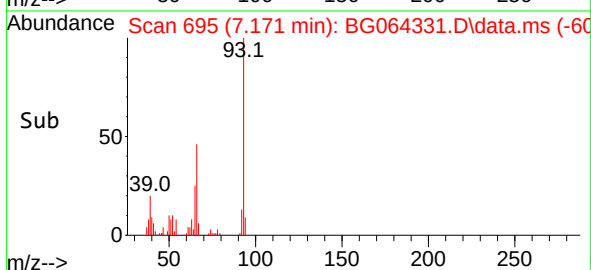
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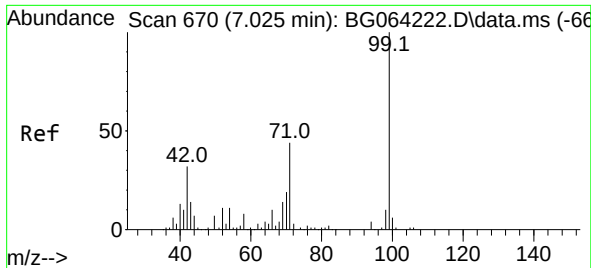


#6
Aniline
Concen: 31.804 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



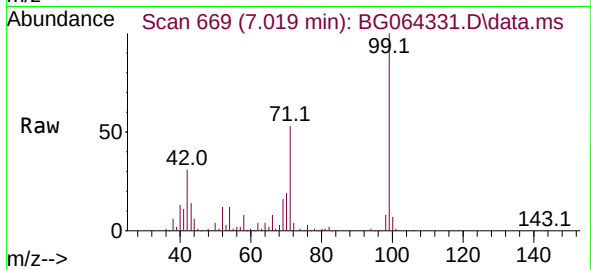
Tgt Ion: 93 Resp: 78232
Ion Ratio Lower Upper
93 100
66 46.3 33.8 50.8
65 25.4 16.9 25.3#





#7
Phenol-d6
Concen: 122.713 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

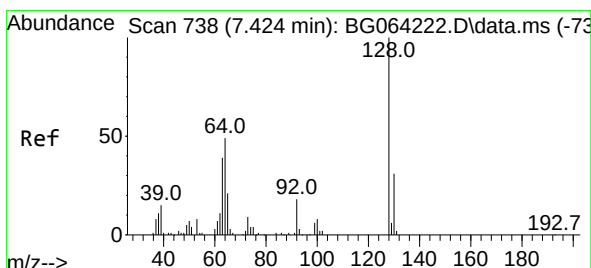
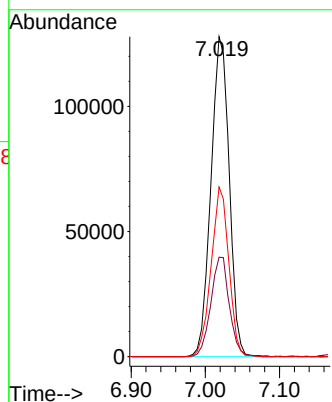
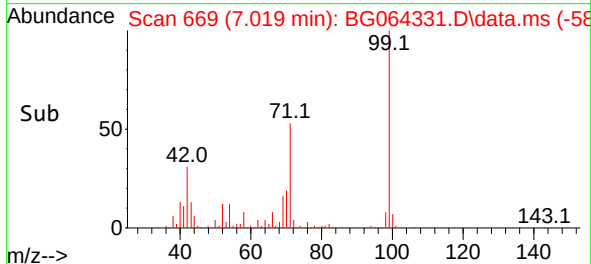
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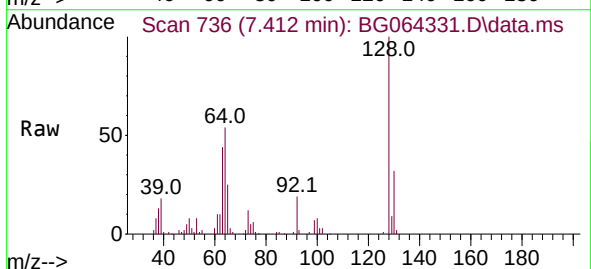
Tgt Ion: 99 Resp: 21827
Ion Ratio Lower Upper
99 100
42 31.1 25.8 38.8
71 53.0 35.2 52.8

Manual Integrations
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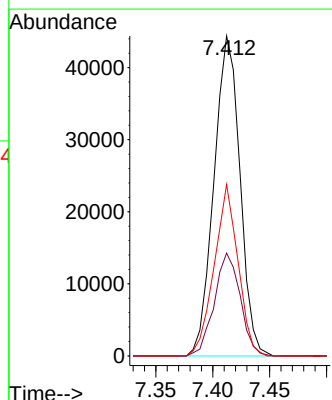
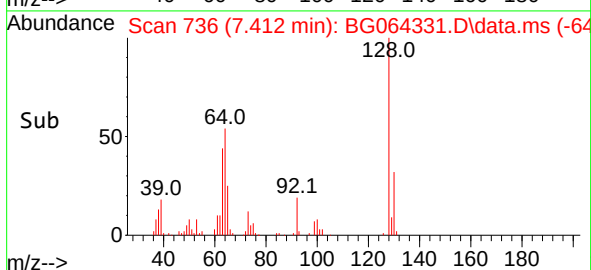
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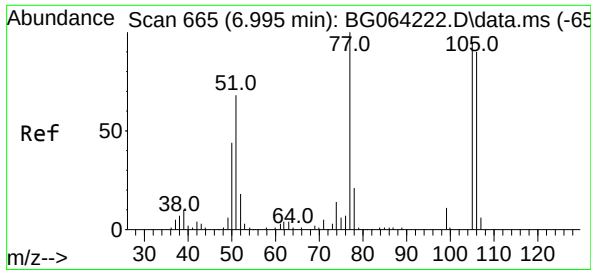


#8
2-Chlorophenol
Concen: 44.616 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:128 Resp: 70589
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 53.6 28.7 68.7





#9
Benzaldehyde
Concen: 19.615 ng
RT: 6.983 min Scan# 665
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

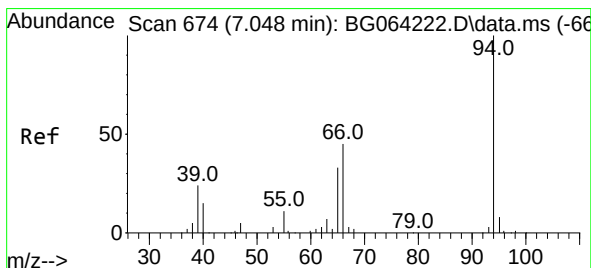
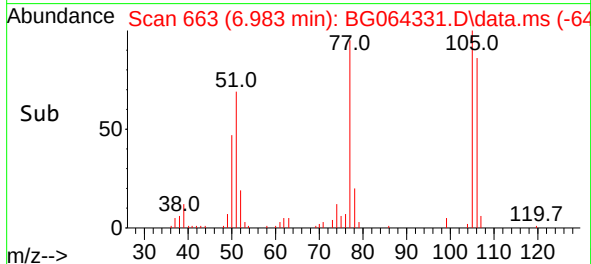
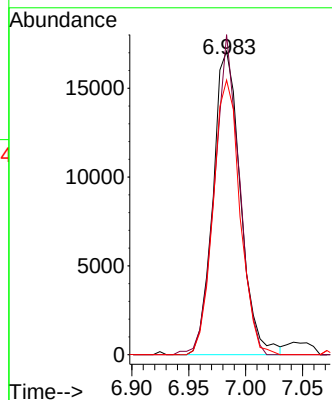
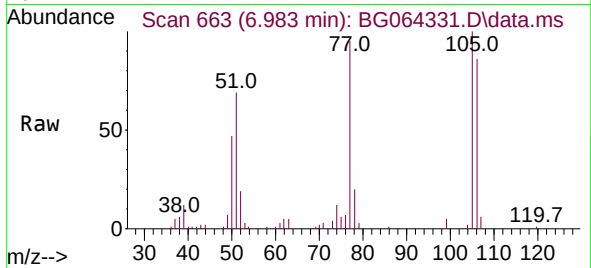
ClientSampleId :

PB169593BS

Tgt Ion: 77 Resp: 28713
Ion Ratio Lower Upper
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105 105.4 75.2 115.2
106 90.4 69.6 109.6

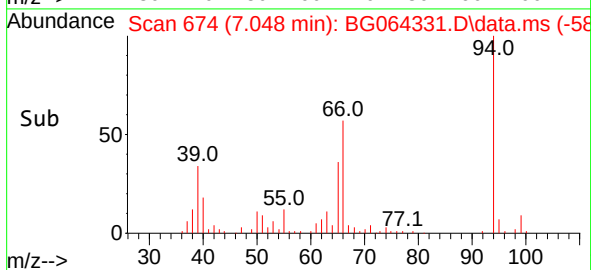
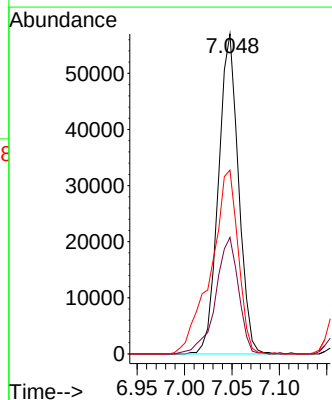
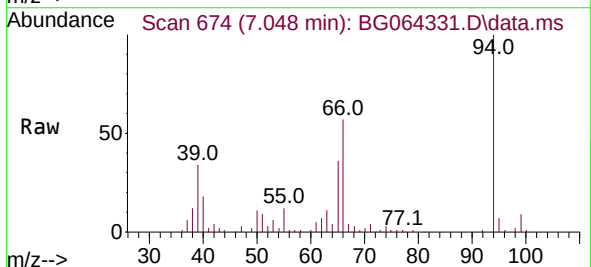
Manual Integrations
APPROVED

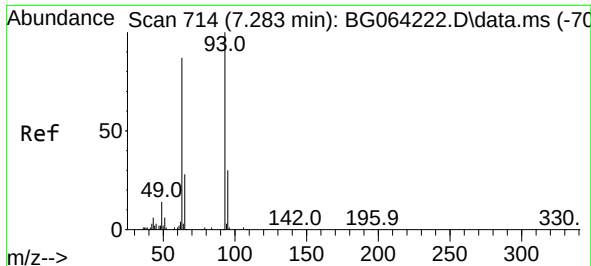
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 42.725 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

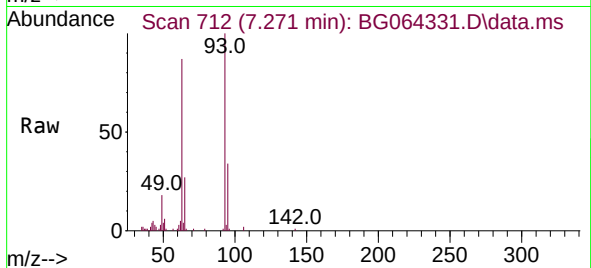
Tgt Ion: 94 Resp: 83788
Ion Ratio Lower Upper
94 100
65 36.4 13.5 53.5
66 57.4 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 36.805 ng
RT: 7.271 min Scan# 714
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

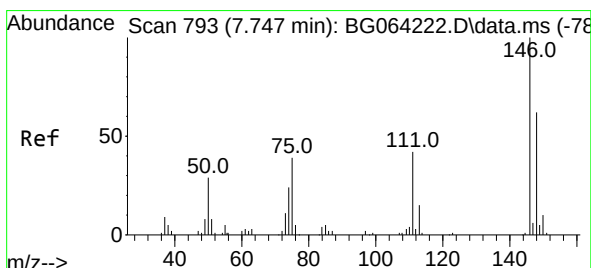
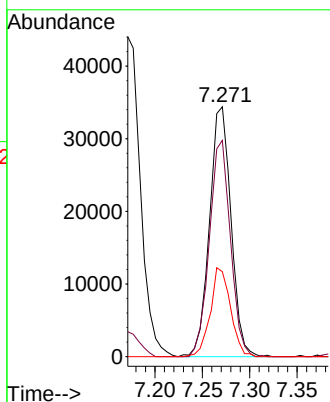
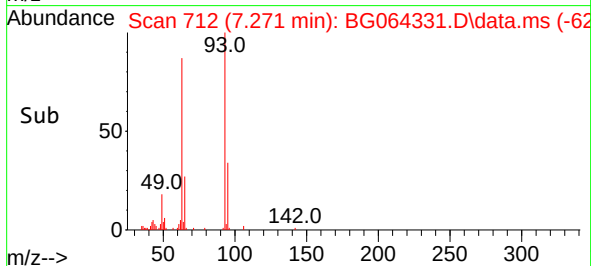
Instrument :
BNA_G
ClientSampleId :
PB169593BS



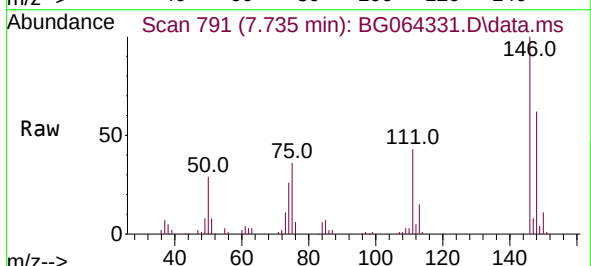
Tgt Ion: 93 Resp: 54239
Ion Ratio Lower Upper
93 100
63 86.5 66.2 106.2
95 33.9 9.8 49.8

Manual Integrations
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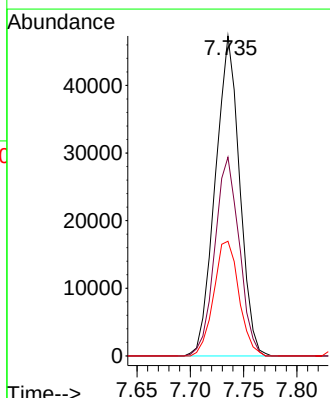
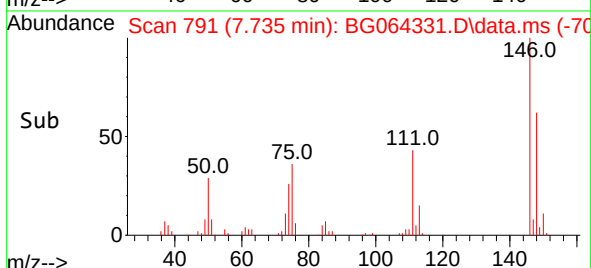
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

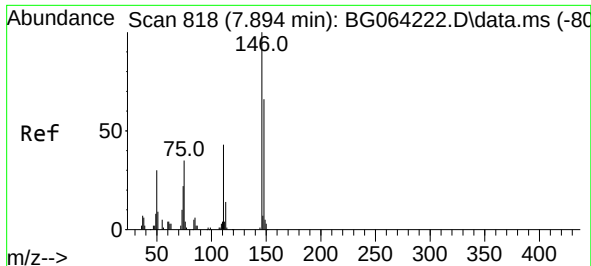


#12
1,3-Dichlorobenzene
Concen: 44.682 ng
RT: 7.735 min Scan# 791
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:146 Resp: 75207
Ion Ratio Lower Upper
146 100
148 62.1 49.6 74.4
75 35.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 7.882 min Scan# 818

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

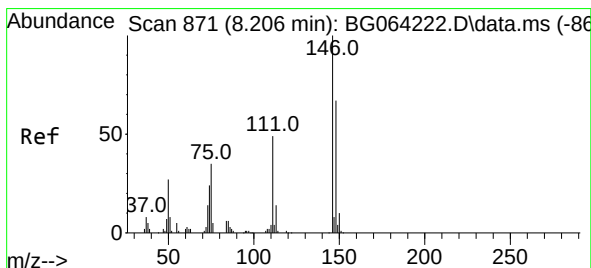
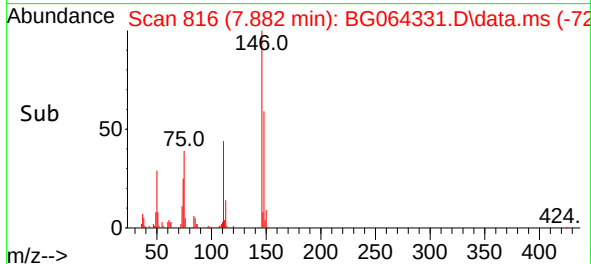
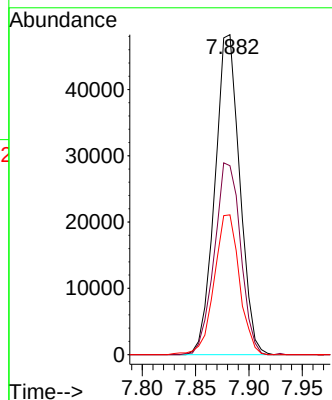
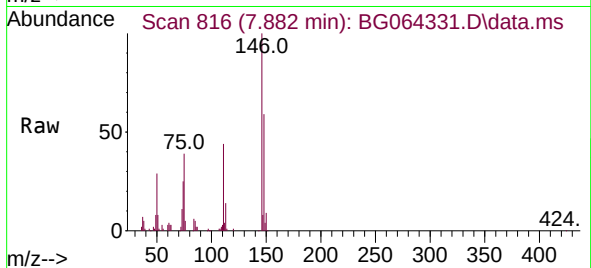
PB169593BS

Tgt Ion:146 Resp: 78289
 Ion Ratio Lower Upper
 146 100
 148 59.0 52.8 79.2
 111 43.7 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#14

1,2-Dichlorobenzene

Concen: 43.972 ng

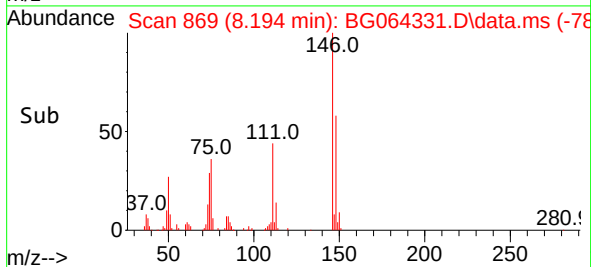
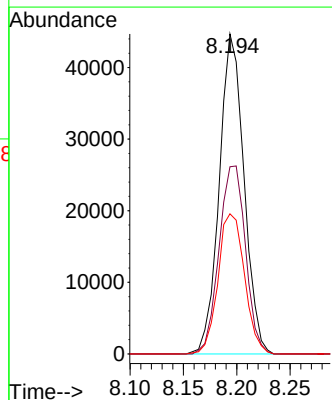
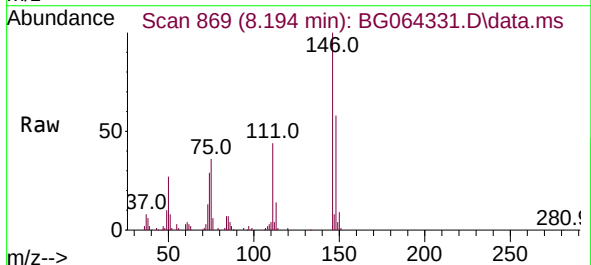
RT: 8.194 min Scan# 869

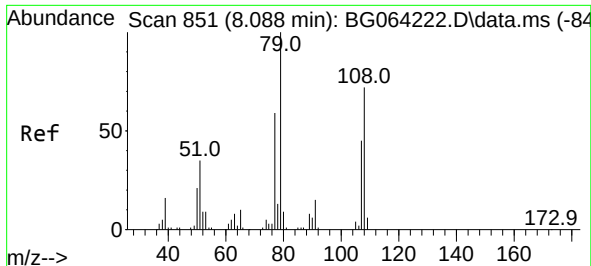
Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

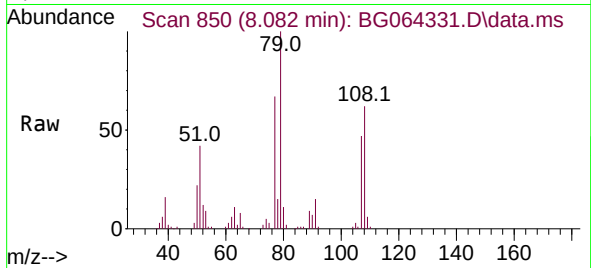
Tgt Ion:146 Resp: 72092
 Ion Ratio Lower Upper
 146 100
 148 58.5 53.4 80.0
 111 43.8 39.1 58.7





#15
Benzyl Alcohol
Concen: 42.759 ng
RT: 8.082 min Scan# 851
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

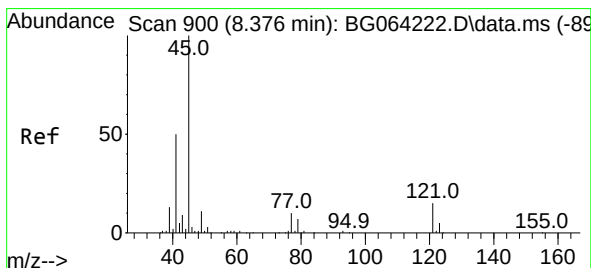
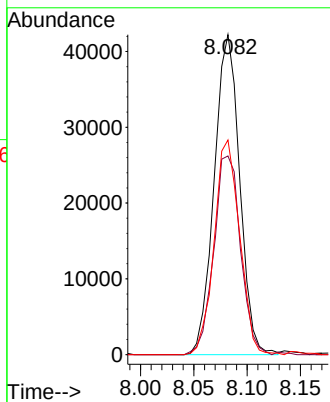
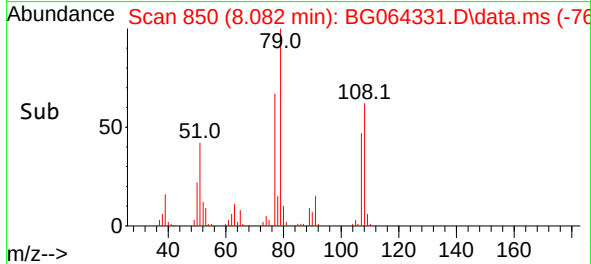
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 79 Resp: 70188
Ion Ratio Lower Upper
79 100
108 62.1 57.4 86.0
77 67.1 47.2 70.8

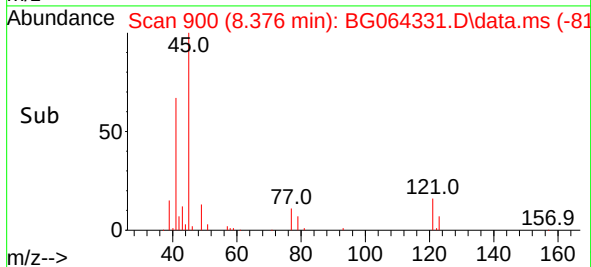
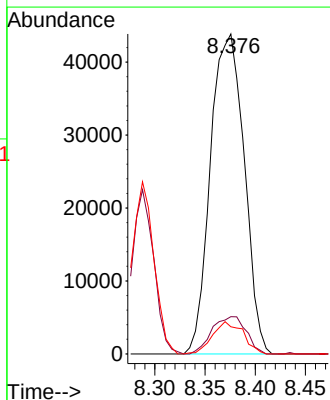
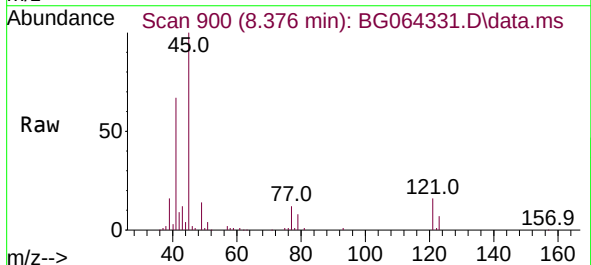
Manual Integrations
APPROVED

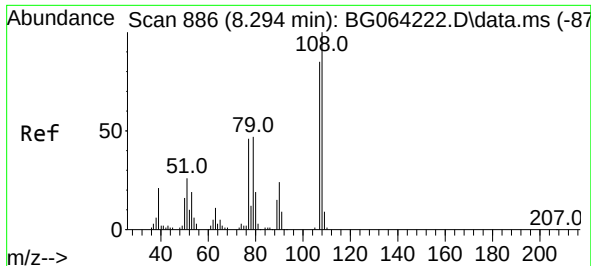
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.471 ng
RT: 8.376 min Scan# 900
Delta R.T. -0.000 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 45 Resp: 102521
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.0
79 8.5 0.0 27.9





#17
2-Methylphenol
Concen: 41.453 ng
RT: 8.288 min Scan# 886
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

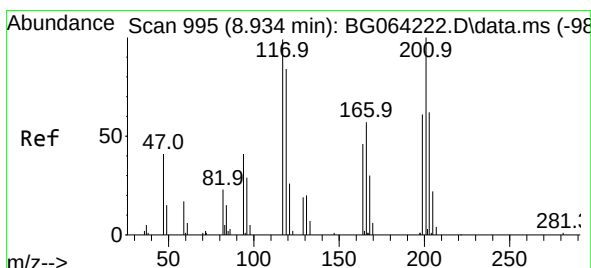
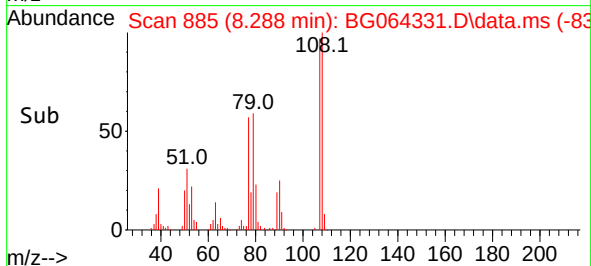
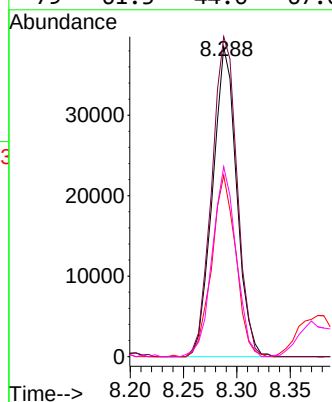
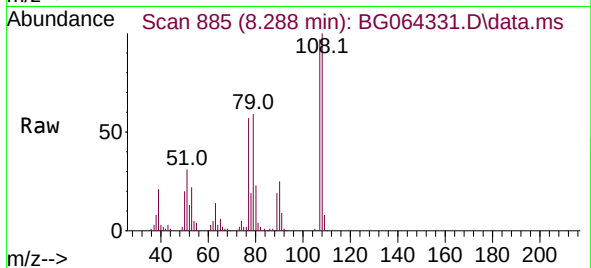
PB169593BS

Tgt Ion:107 Resp: 6058
Ion Ratio Lower Upper
107 100
108 103.3 94.6 141.8
77 58.5 43.7 65.5
79 61.3 44.6 67.0

Manual Integrations

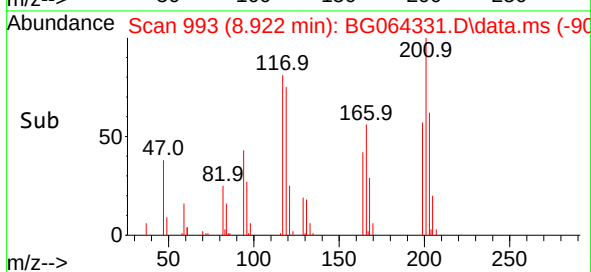
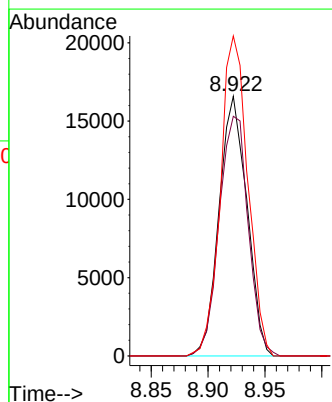
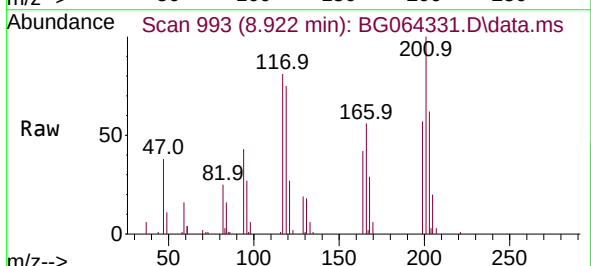
APPROVED

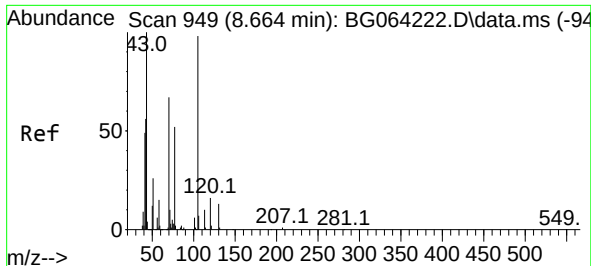
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#18
Hexachloroethane
Concen: 42.603 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

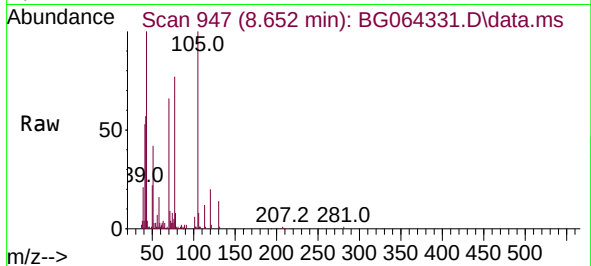
Tgt Ion:117 Resp: 28250
Ion Ratio Lower Upper
117 100
119 92.3 67.9 101.9
201 123.2 80.5 120.7#





#19
n-Nitroso-di-n-propylamine
Concen: 37.359 ng
RT: 8.652 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

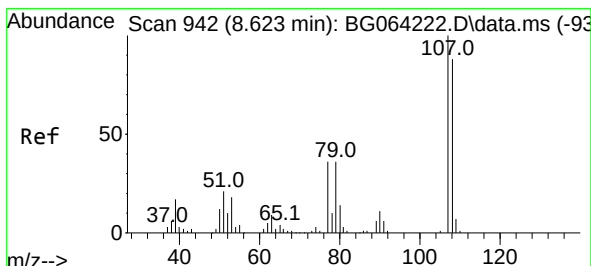
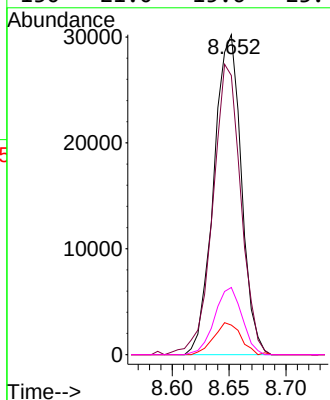
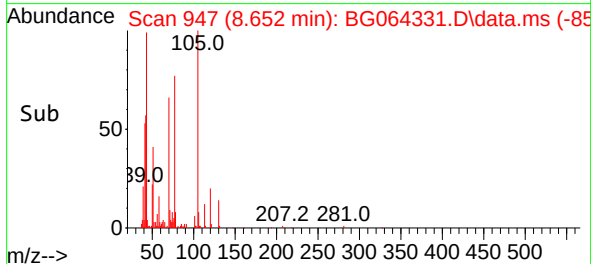
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 70 Resp: 50859
Ion Ratio Lower Upper
70 100
42 87.2 67.9 101.9
101 9.2 7.3 10.9
130 21.0 15.6 23.4

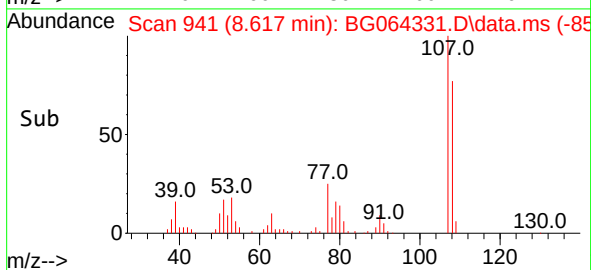
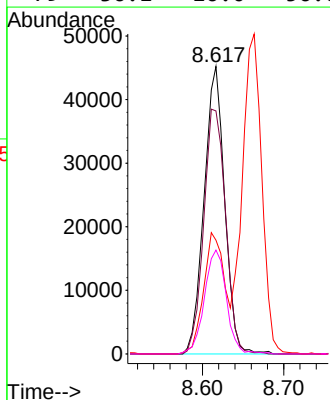
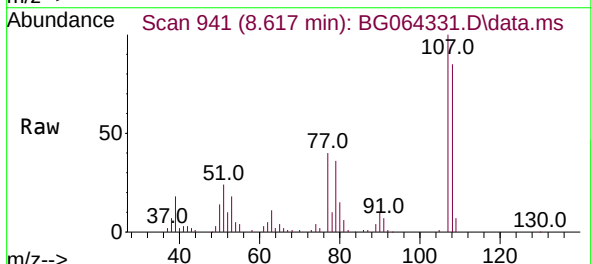
Manual Integrations
APPROVED

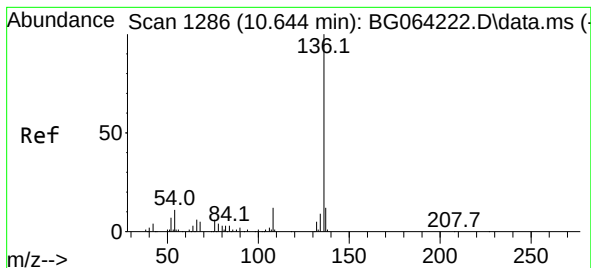
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#20
3+4-Methylphenols
Concen: 39.174 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

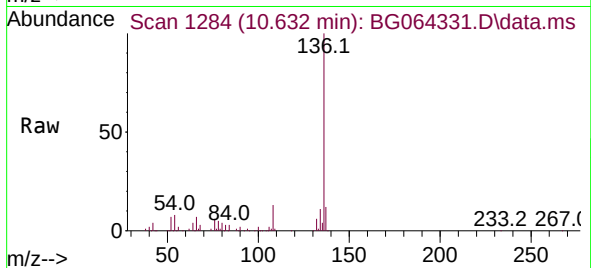
Tgt Ion:107 Resp: 79557
Ion Ratio Lower Upper
107 100
108 84.5 68.1 108.1
77 39.6 15.9 55.9
79 36.1 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

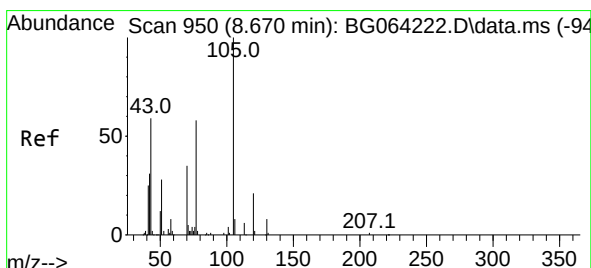
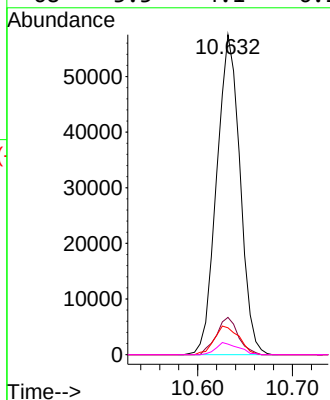
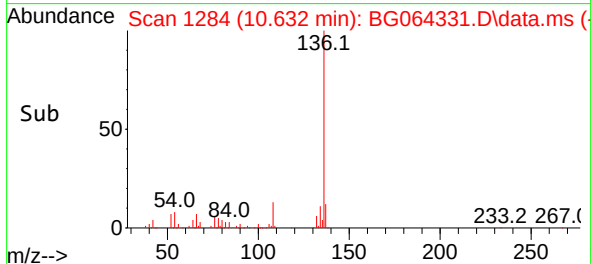
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:136 Resp: 98242
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 8.4 8.8 13.2
68 3.3 4.1 6.1#

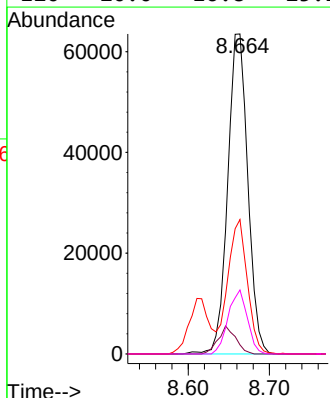
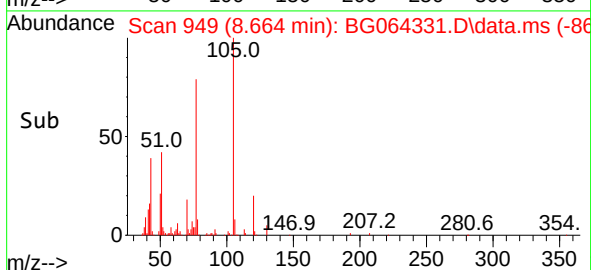
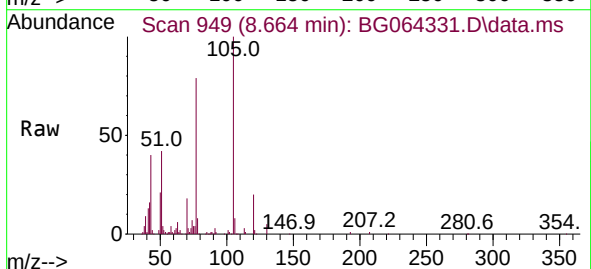
Manual Integrations
APPROVED

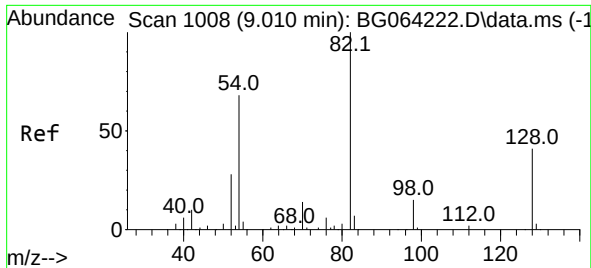
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 43.944 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:105 Resp: 109219
Ion Ratio Lower Upper
105 100
71 2.8 4.3 6.5#
51 42.0 32.4 48.6
120 20.0 16.8 25.2





#23
Nitrobenzene-d5
Concen: 88.257 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

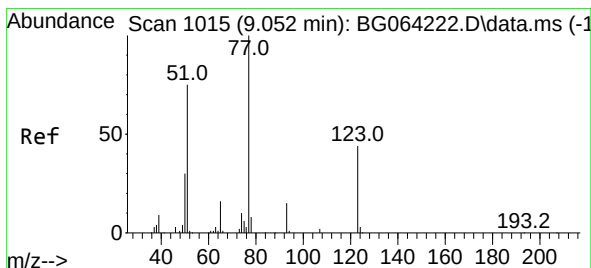
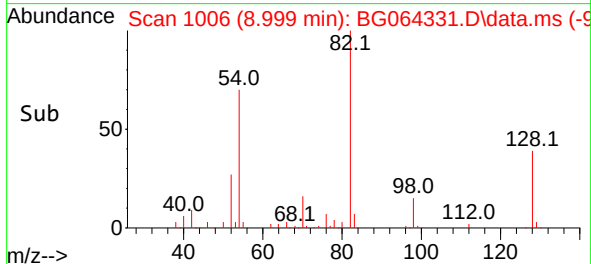
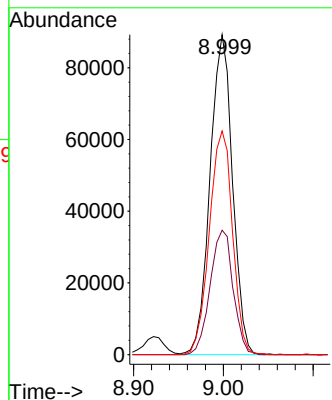
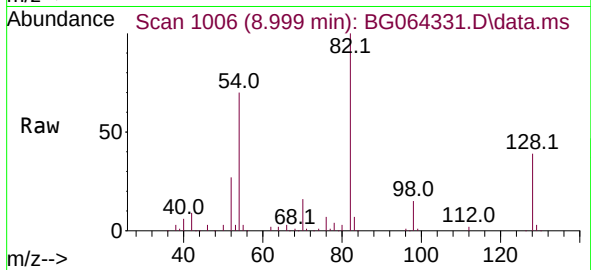
PB169593BS

Tgt Ion: 82 Resp: 155469
Ion Ratio Lower Upper
82 100
128 38.9 32.6 48.8
54 69.9 54.7 82.1

Manual Integrations

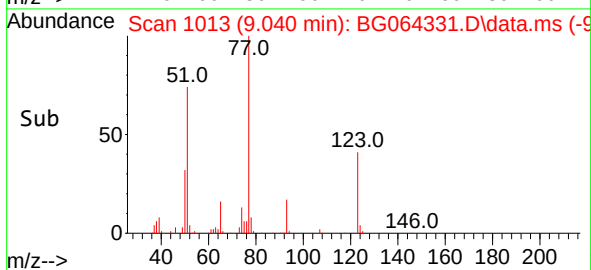
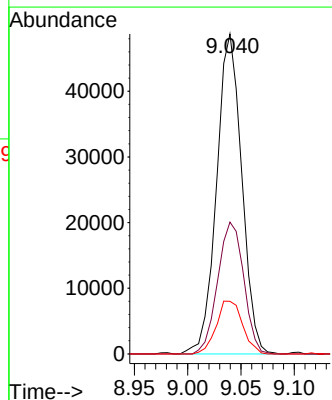
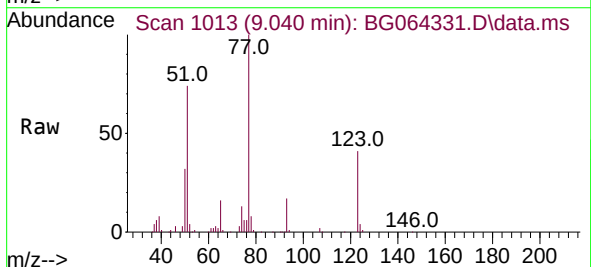
APPROVED

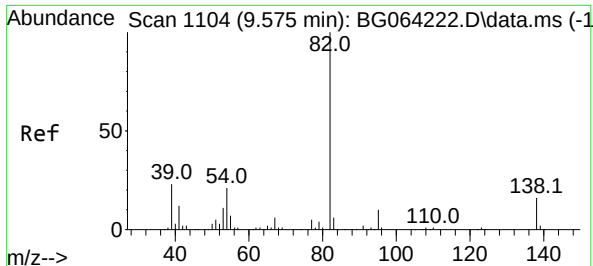
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#24
Nitrobenzene
Concen: 43.562 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 77 Resp: 80175
Ion Ratio Lower Upper
77 100
123 41.2 35.2 52.8
65 16.4 12.6 19.0





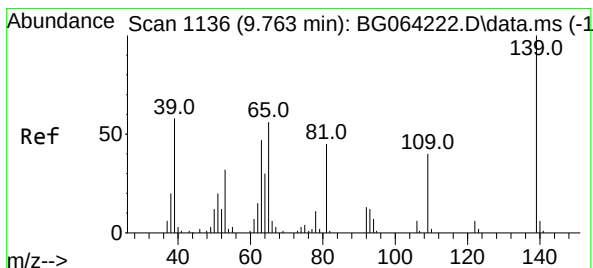
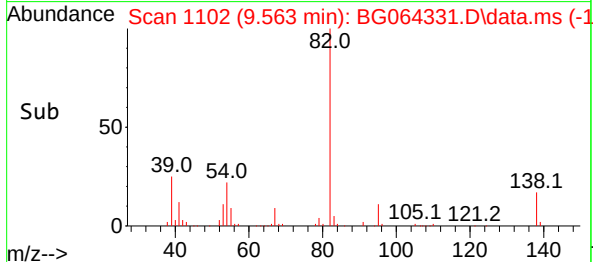
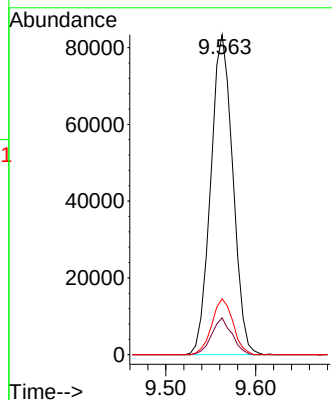
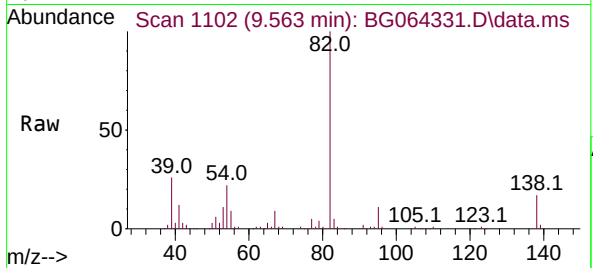
#25
Isophorone
Concen: 39.094 ng
RT: 9.563 min Scan# 1102
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion: 82 Resp: 143125
Ion Ratio Lower Upper
82 100
95 11.5 7.9 11.9
138 17.4 13.0 19.4

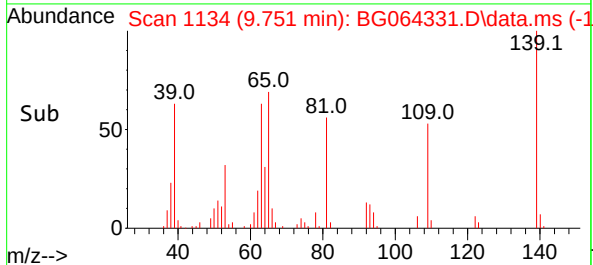
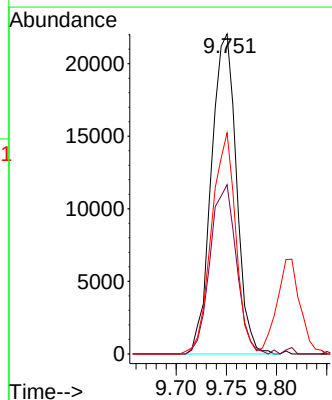
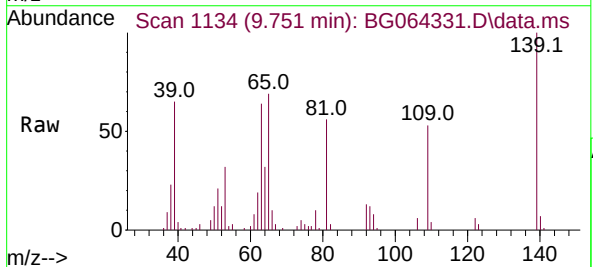
Manual Integrations
APPROVED

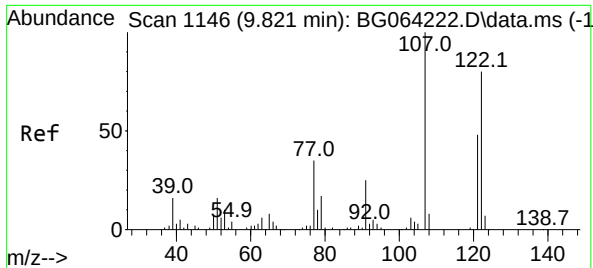
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#26
2-Nitrophenol
Concen: 48.140 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:139 Resp: 38284
Ion Ratio Lower Upper
139 100
109 52.9 32.4 48.6#
65 69.1 44.6 67.0#





#27
2,4-Dimethylphenol
Concen: 48.834 ng
RT: 9.815 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

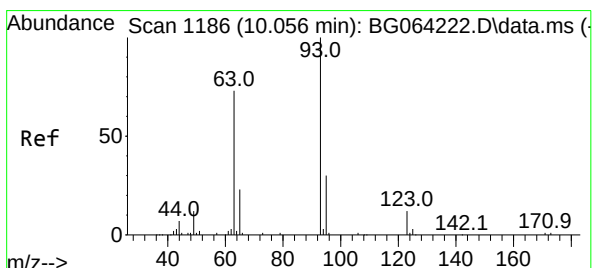
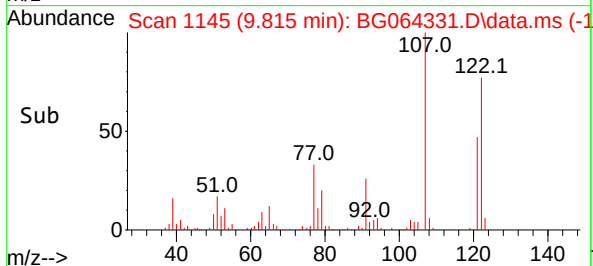
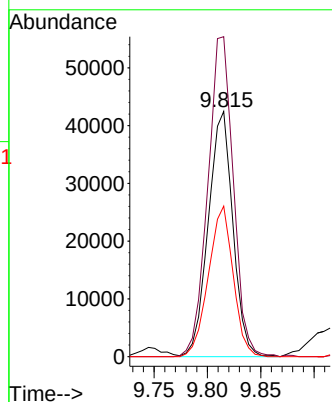
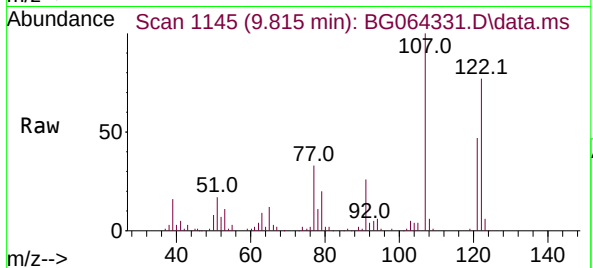
PB169593BS

Tgt Ion:122 Resp: 68183
Ion Ratio Lower Upper
122 100
107 130.5 99.9 149.9
121 61.4 48.6 72.8

Manual Integrations

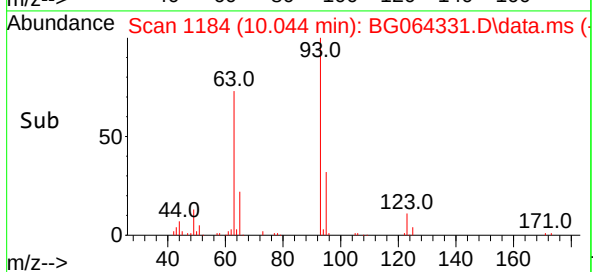
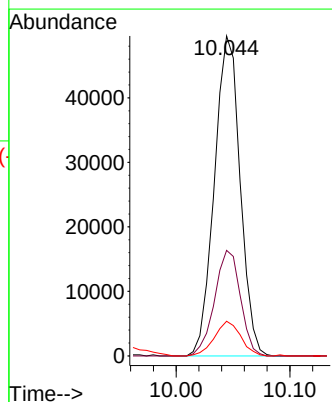
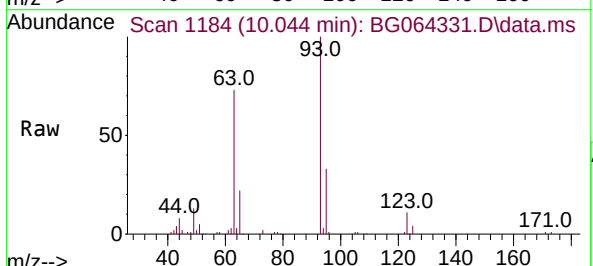
APPROVED

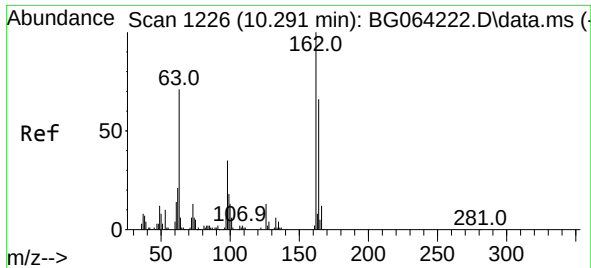
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.476 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 93 Resp: 77928
Ion Ratio Lower Upper
93 100
95 33.0 23.9 35.9
123 10.8 9.6 14.4





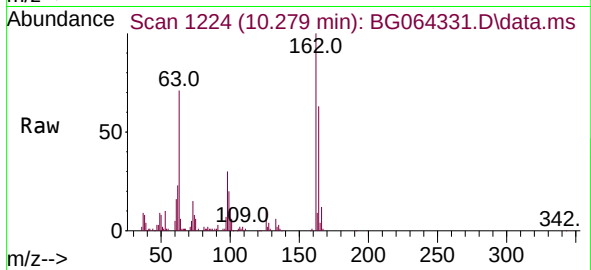
#29
2,4-Dichlorophenol
Concen: 49.264 ng
RT: 10.279 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS



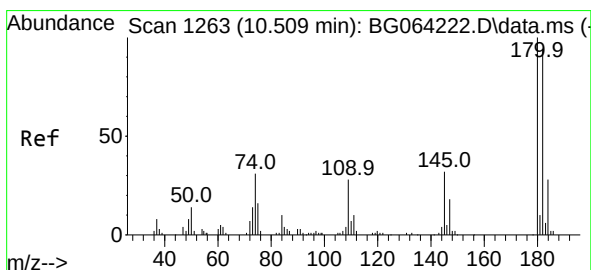
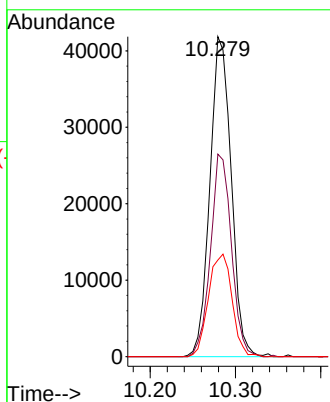
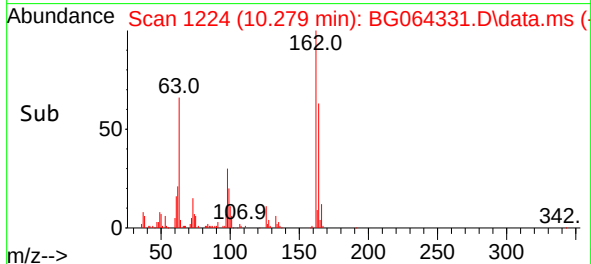
Tgt Ion:162 Resp: 72575
Ion Ratio Lower Upper
162 100
164 63.3 45.8 85.8
98 30.2 15.2 55.2

Manual Integrations

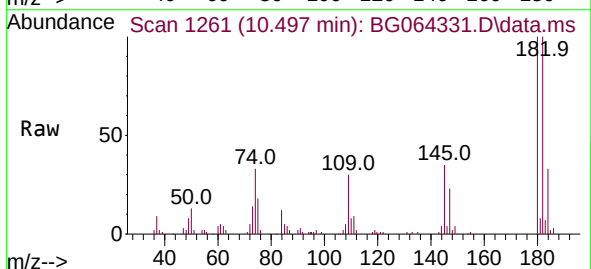
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

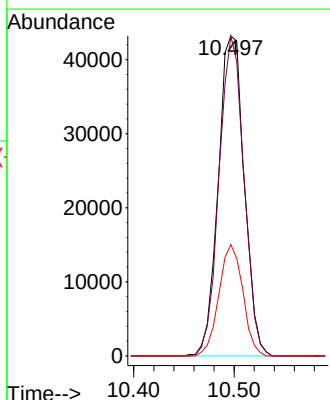
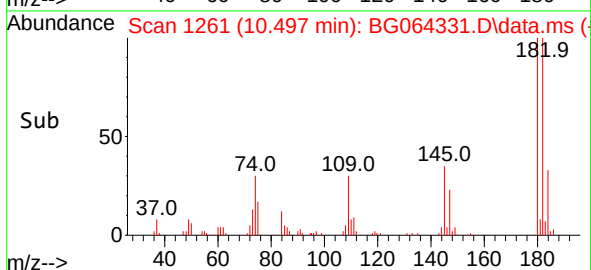
Supervised By :Jagrut Upadhyay 09/11/2025

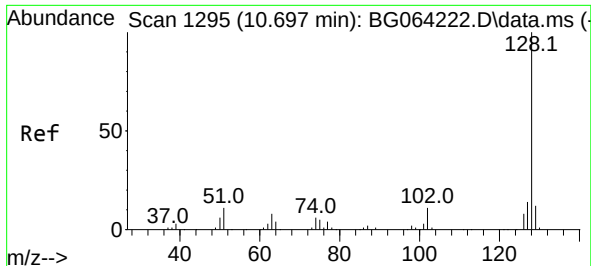


#30
1,2,4-Trichlorobenzene
Concen: 49.982 ng
RT: 10.497 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



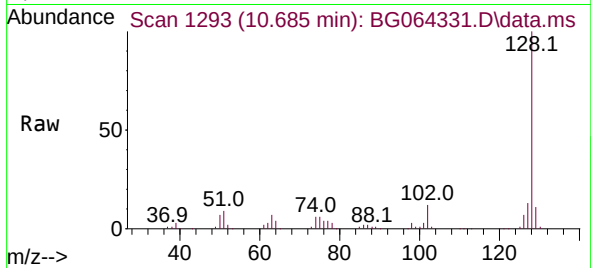
Tgt Ion:180 Resp: 77638
Ion Ratio Lower Upper
180 100
182 99.9 75.0 112.6
145 34.8 25.4 38.0





#31
Naphthalene
Concen: 43.204 ng
RT: 10.685 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

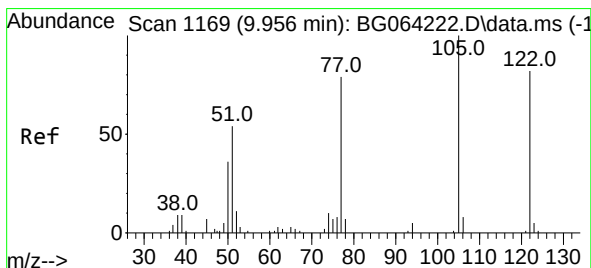
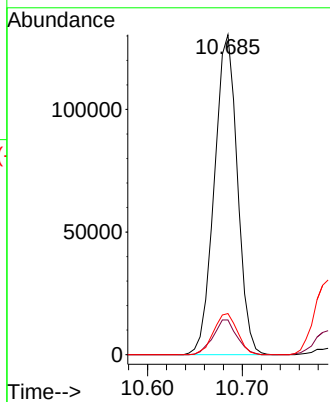
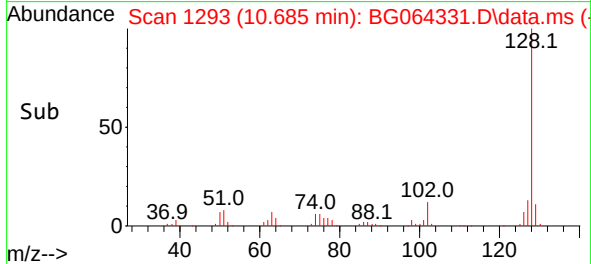
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:128 Resp: 22096
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.8 10.9 16.3

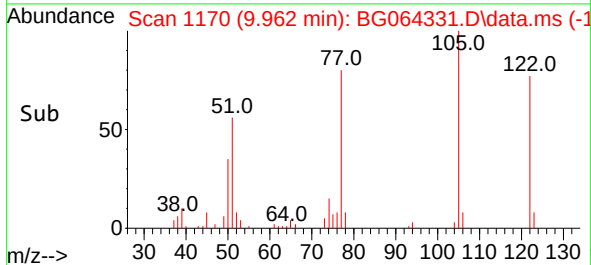
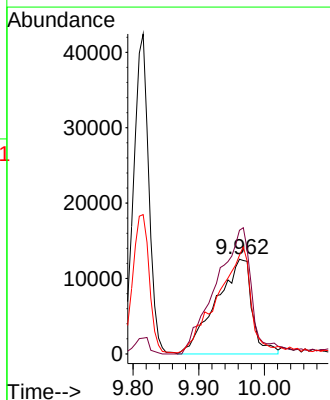
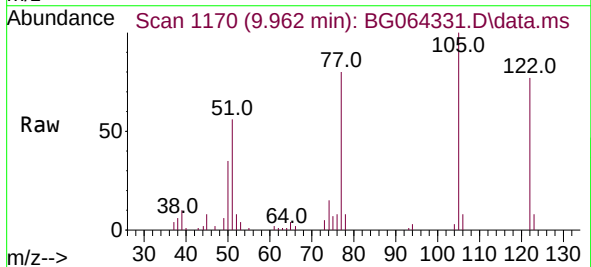
Manual Integrations
APPROVED

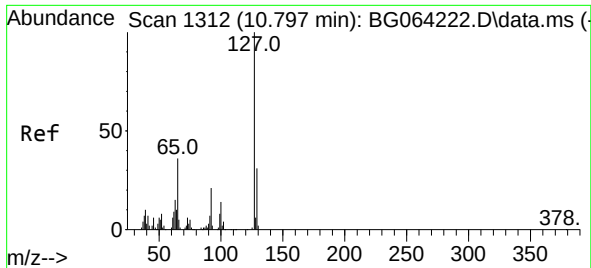
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 43.022 ng
RT: 9.962 min Scan# 1170
Delta R.T. -0.053 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:122 Resp: 47682
Ion Ratio Lower Upper
122 100
105 130.7 98.5 138.5
77 104.3 74.6 114.6





#33
4-Chloroaniline
Concen: 27.703 ng
RT: 10.791 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

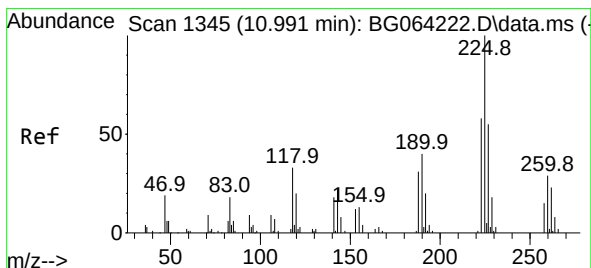
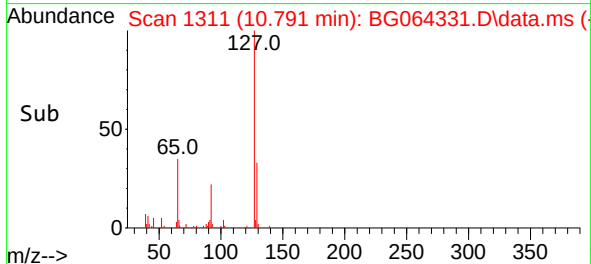
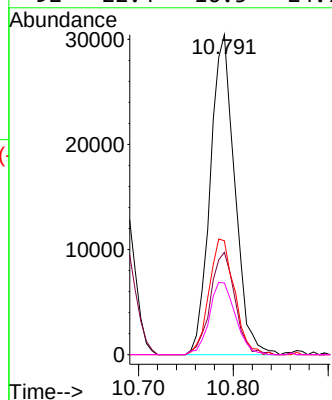
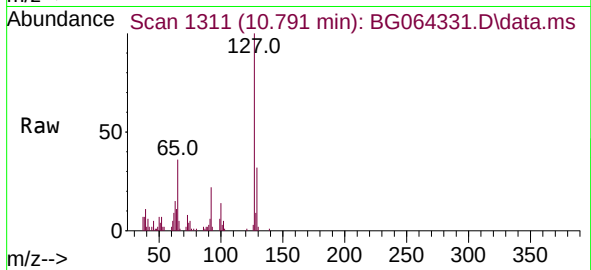
PB169593BS

Tgt Ion:127 Resp: 54700
Ion Ratio Lower Upper
127 100
129 32.0 25.0 37.4
65 35.6 28.7 43.1
92 22.4 16.5 24.7

Manual Integrations

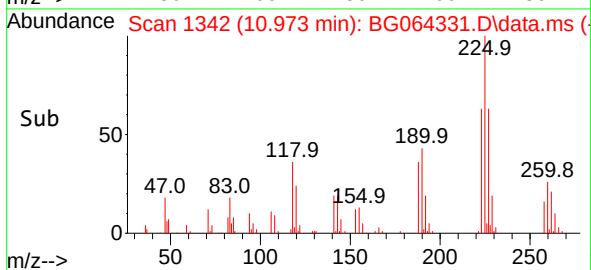
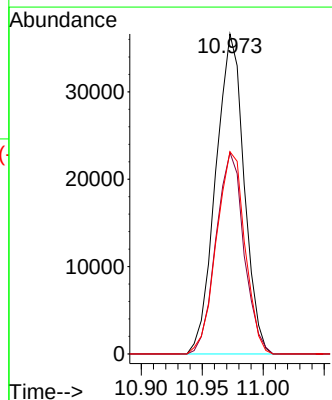
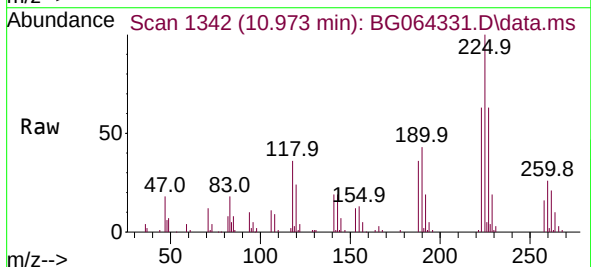
APPROVED

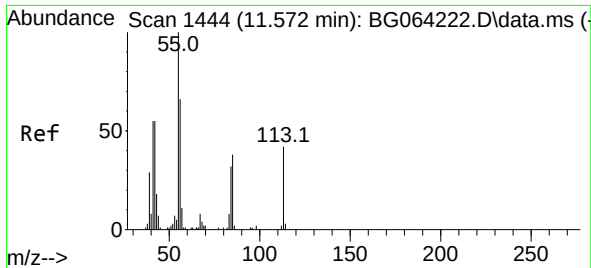
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#34
Hexachlorobutadiene
Concen: 51.542 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

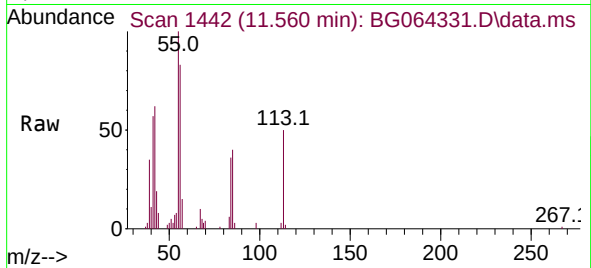
Tgt Ion:225 Resp: 59181
Ion Ratio Lower Upper
225 100
223 62.9 46.5 69.7
227 63.2 44.1 66.1





#35
Caprolactam
Concen: 40.255 ng m
RT: 11.560 min Scan# 14
Delta R.T. -0.042 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

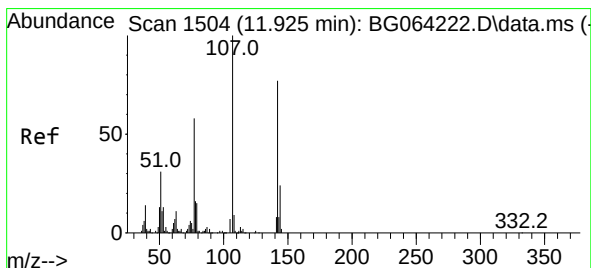
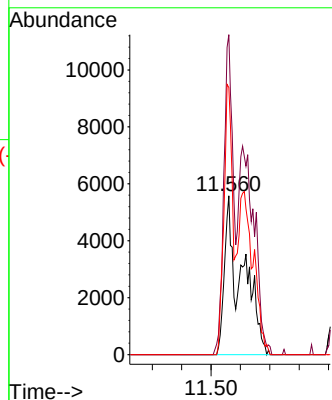
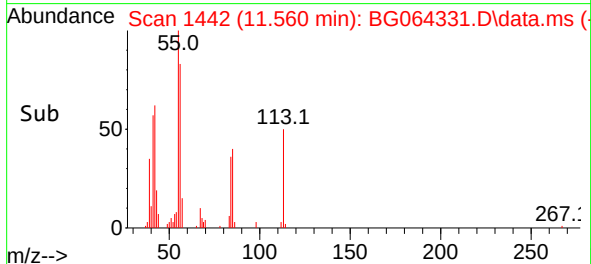
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:113 Resp: 22963
Ion Ratio Lower Upper
113 100
55 201.6 218.5 258.5
56 168.2 138.5 178.5

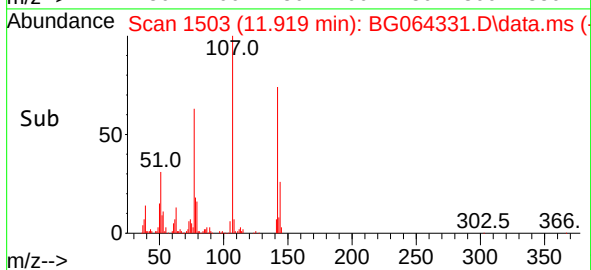
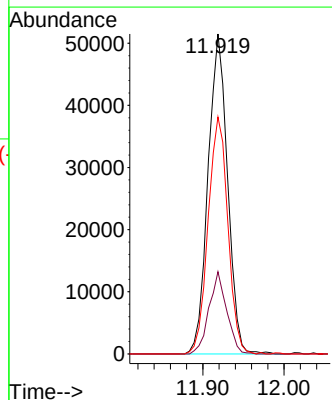
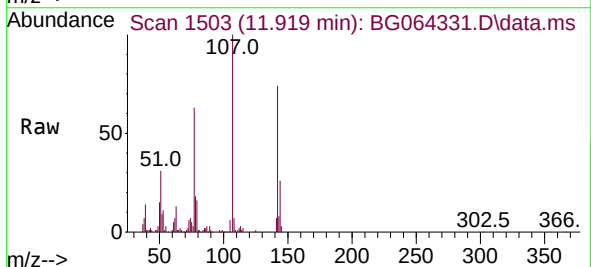
Manual Integrations
APPROVED

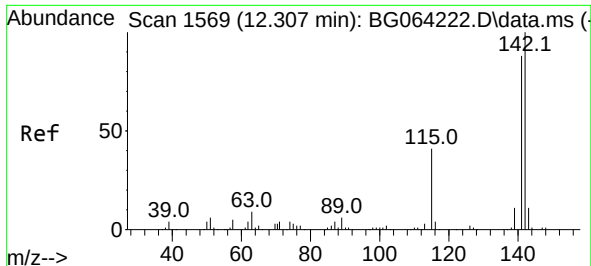
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#36
4-Chloro-3-methylphenol
Concen: 44.965 ng
RT: 11.919 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

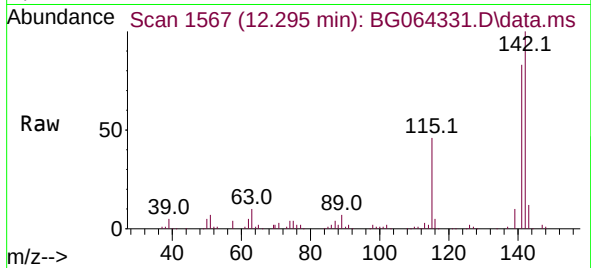
Tgt Ion:107 Resp: 85948
Ion Ratio Lower Upper
107 100
144 25.7 19.5 29.3
142 74.0 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.743 ng
RT: 12.295 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

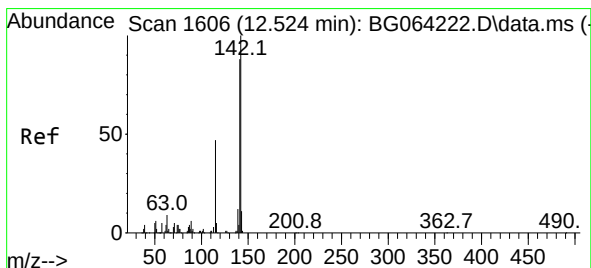
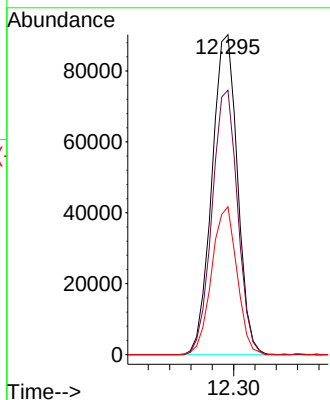
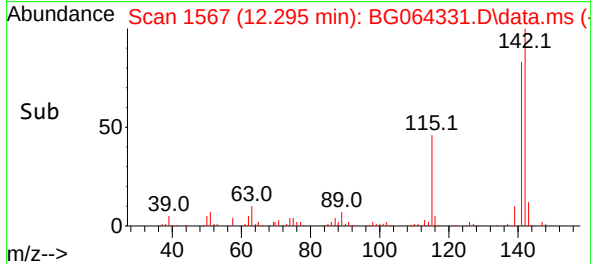
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:142 Resp: 150494
Ion Ratio Lower Upper
142 100
141 82.6 70.1 105.1
115 46.2 33.1 49.7

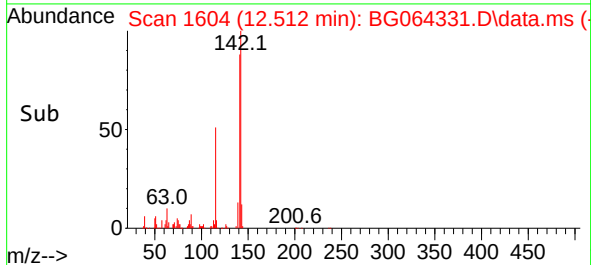
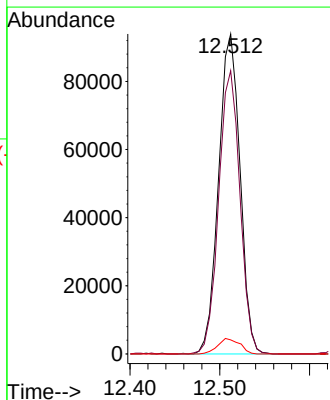
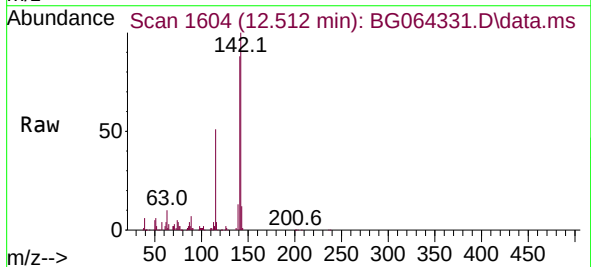
Manual Integrations
APPROVED

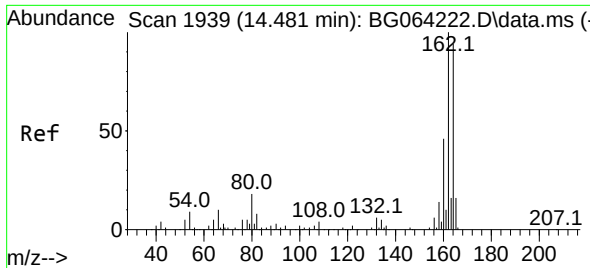
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#38
1-Methylnaphthalene
Concen: 41.711 ng
RT: 12.512 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

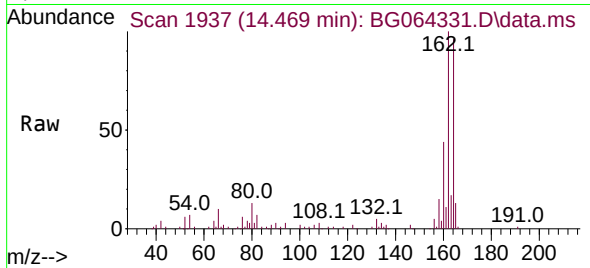
Tgt Ion:142 Resp: 156006
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
116 4.4 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

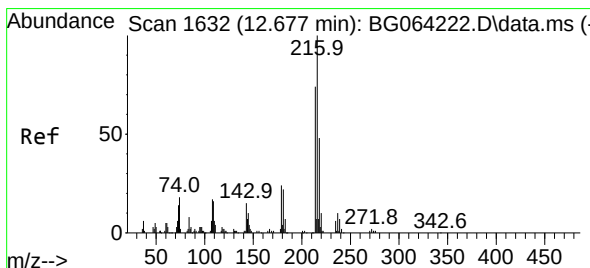
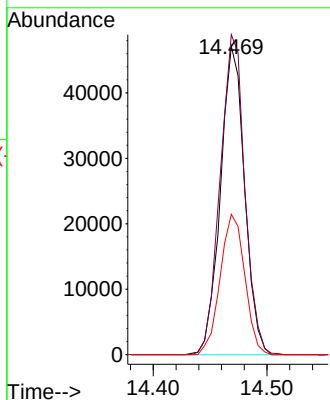
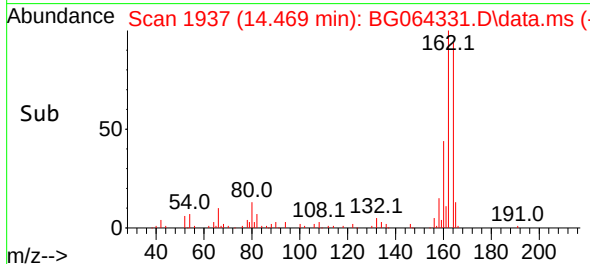
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:164 Resp: 69463
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.0
160 45.5 39.2 58.8

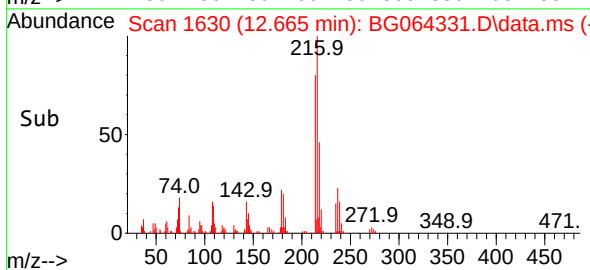
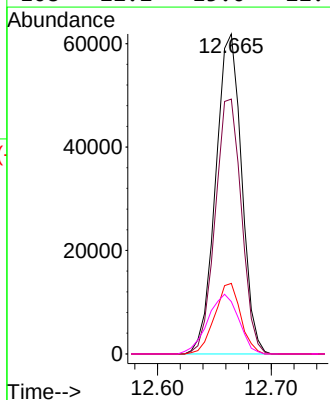
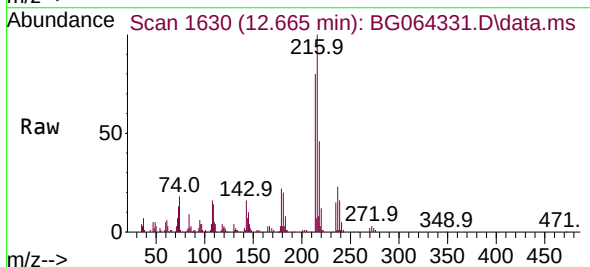
Manual Integrations
APPROVED

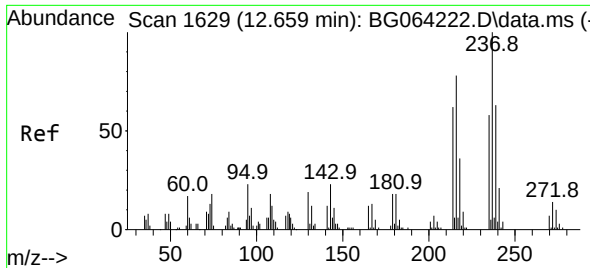
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.004 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

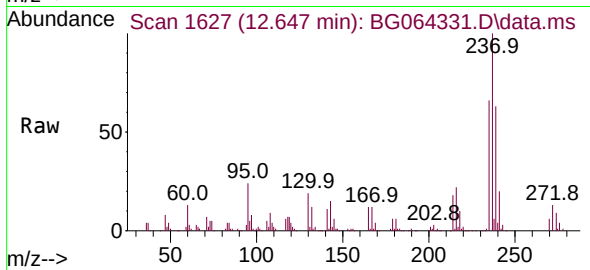
Tgt Ion:216 Resp: 98214
Ion Ratio Lower Upper
216 100
214 80.2 61.9 92.9
179 22.0 17.9 26.9
108 22.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 150.178 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

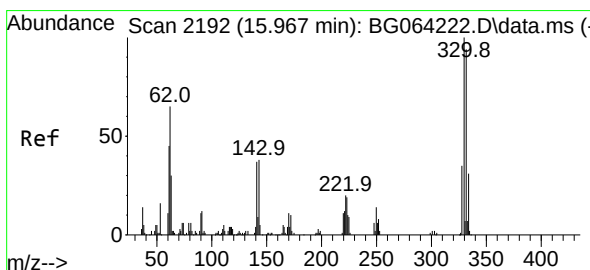
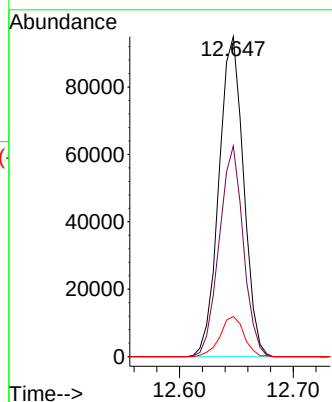
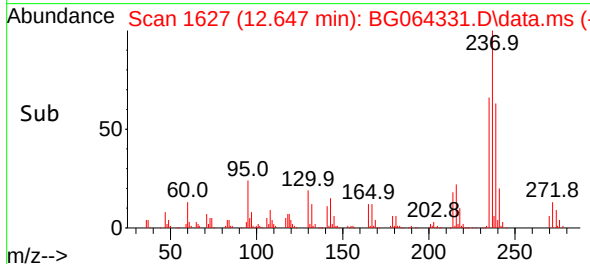
Instrument :
BNA_G
ClientSampleId :
PB169593BS



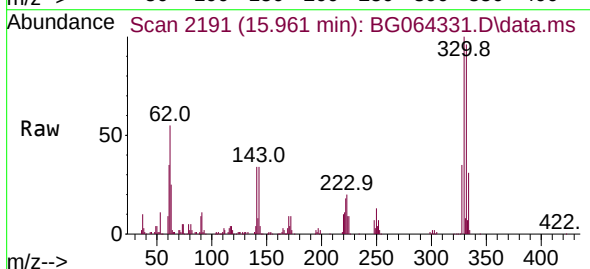
Tgt Ion:237 Resp: 143051
Ion Ratio Lower Upper
237 100
235 65.8 37.9 77.9
272 12.5 0.0 33.8

Manual Integrations
APPROVED

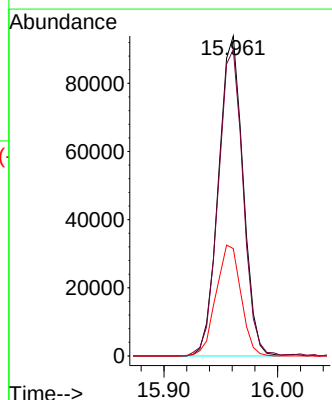
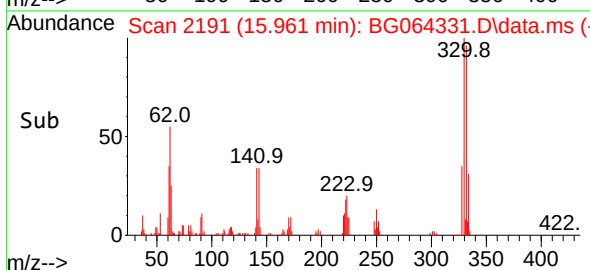
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

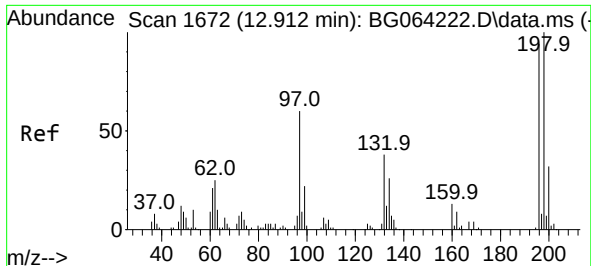


#42
2,4,6-Tribromophenol
Concen: 153.066 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



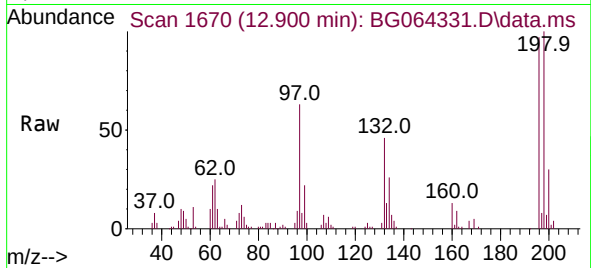
Tgt Ion:330 Resp: 140831
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 35.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 49.180 ng
RT: 12.900 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

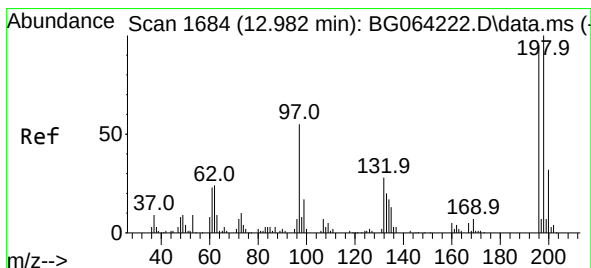
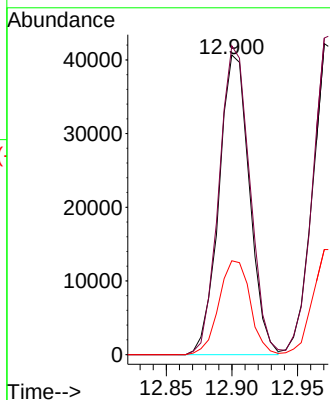
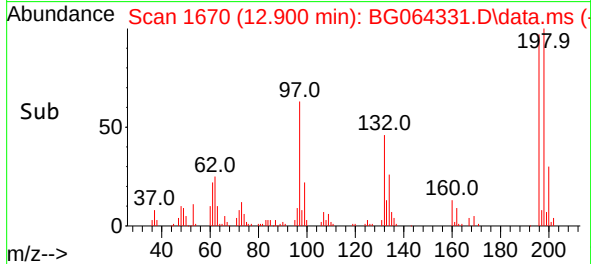
Instrument :
BNA_G
ClientSampleId :
PB169593BS



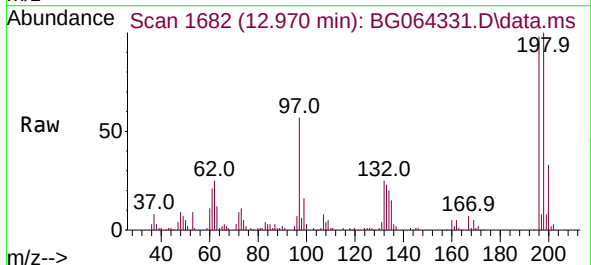
Tgt Ion:196 Resp: 6588
Ion Ratio Lower Upper
196 100
198 103.0 85.4 128.2
200 31.3 27.3 40.9

Manual Integrations
APPROVED

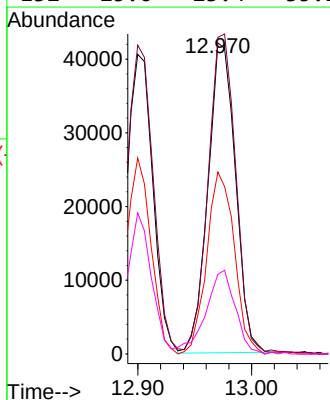
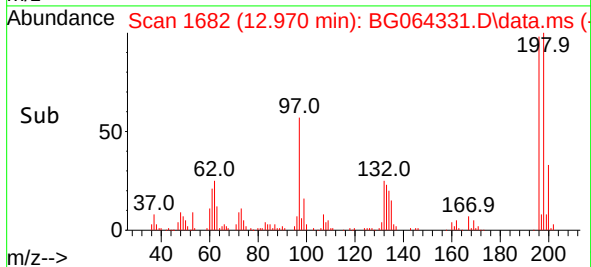
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

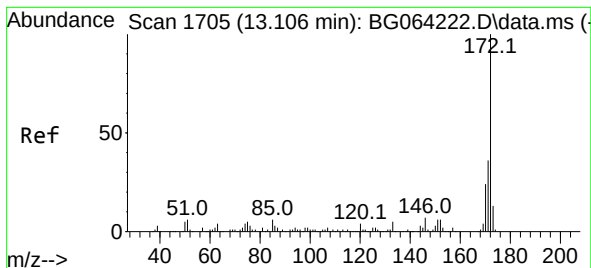


#44
2,4,5-Trichlorophenol
Concen: 48.660 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



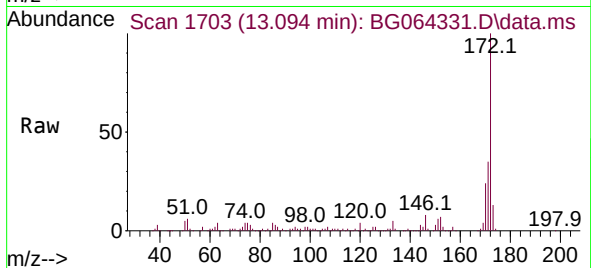
Tgt Ion:196 Resp: 70710
Ion Ratio Lower Upper
196 100
198 101.8 84.5 126.7
97 58.5 46.8 70.2
132 25.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 87.982 ng
RT: 13.094 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

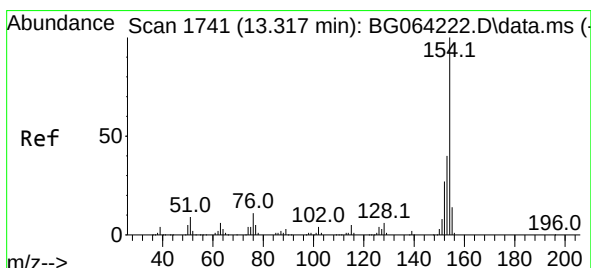
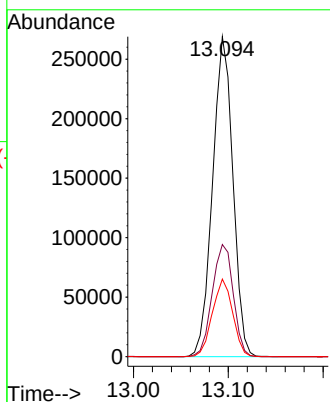
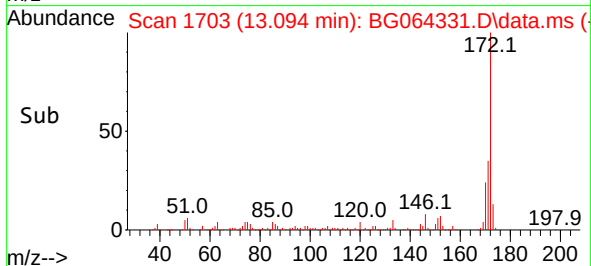
Instrument :
BNA_G
ClientSampleId :
PB169593BS



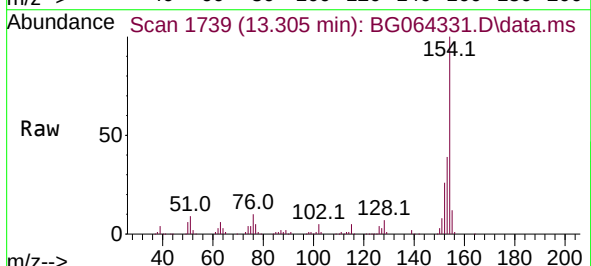
Tgt Ion:172 Resp: 400398
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.2 19.0 28.6

Manual Integrations
APPROVED

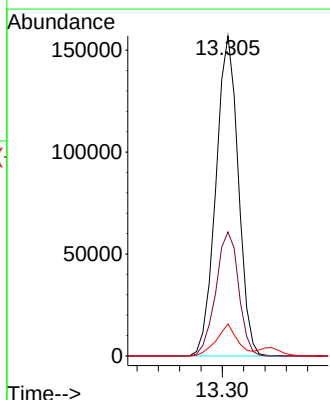
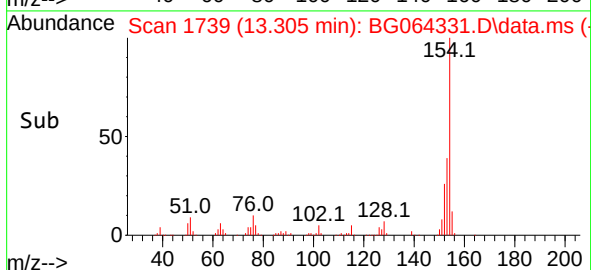
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

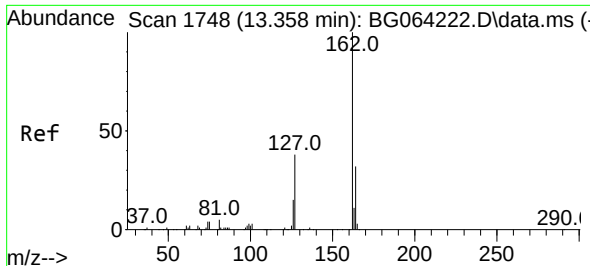


#46
1,1'-Biphenyl
Concen: 45.278 ng
RT: 13.305 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:154 Resp: 229075
Ion Ratio Lower Upper
154 100
153 38.7 19.9 59.9
76 10.0 0.0 30.9





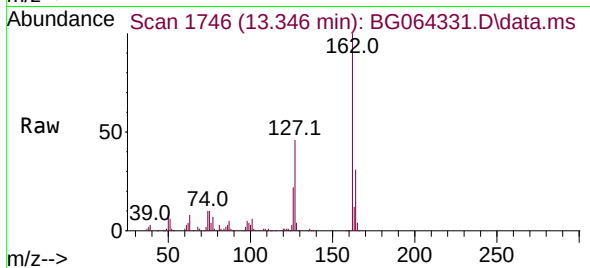
#47
2-Chloronaphthalene
Concen: 44.570 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

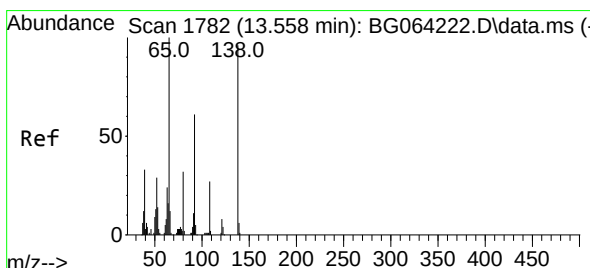
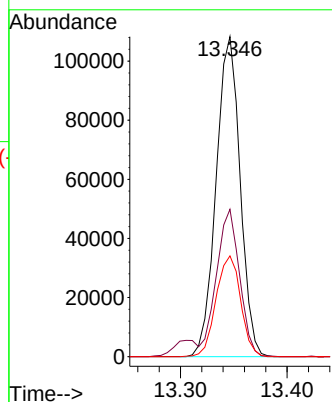
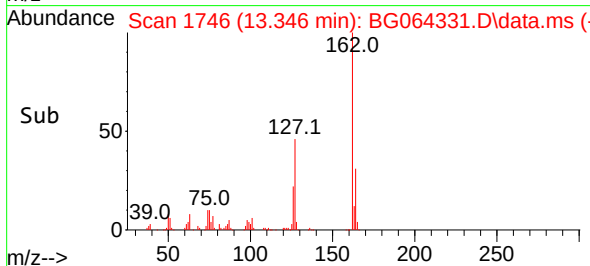


Tgt Ion:162 Resp: 169525
Ion Ratio Lower Upper
162 100
127 46.0 33.9 50.9
164 31.5 25.4 38.2

Manual Integrations

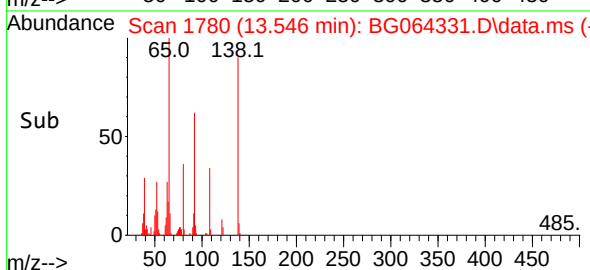
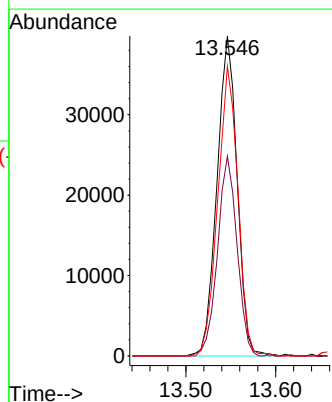
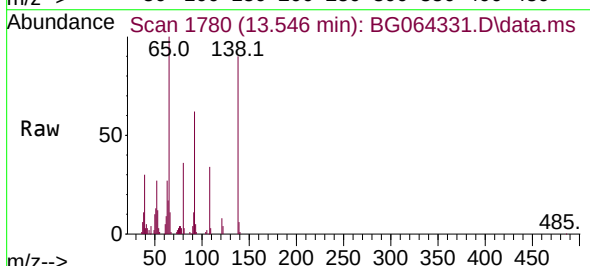
APPROVED

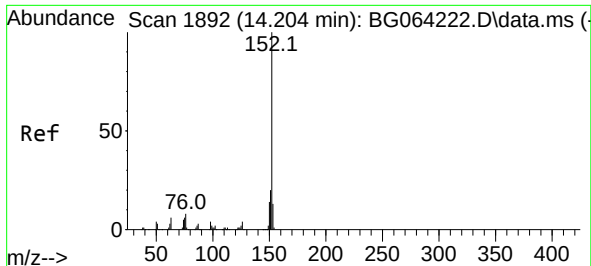
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 47.776 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

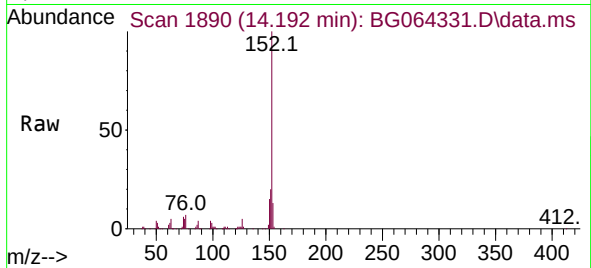
Tgt Ion: 65 Resp: 61936
Ion Ratio Lower Upper
65 100
92 62.4 49.2 73.8
138 90.5 76.8 115.2





#49
Acenaphthylene
Concen: 50.516 ng
RT: 14.192 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

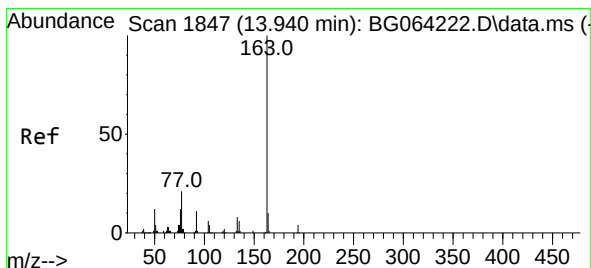
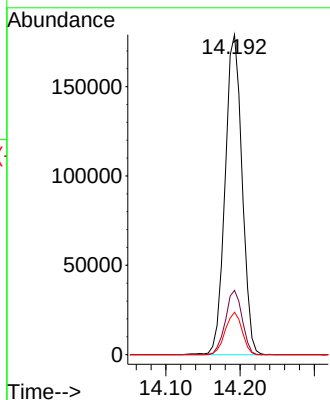
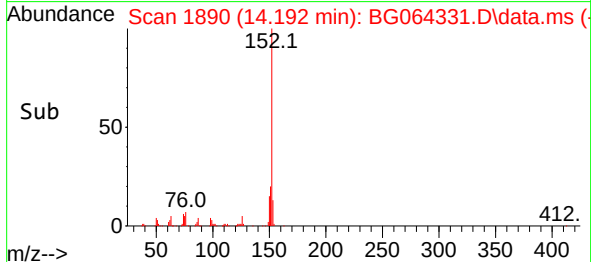
Instrument :
BNA_G
ClientSampleId :
PB169593BS



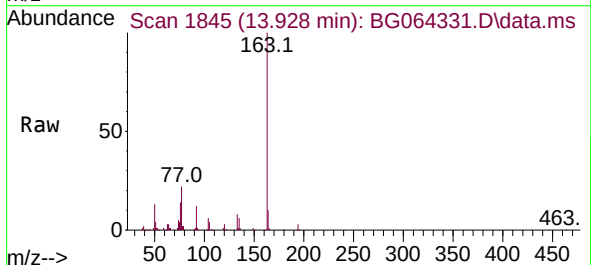
Tgt Ion:152 Resp: 284027
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.1 15.1

Manual Integrations
APPROVED

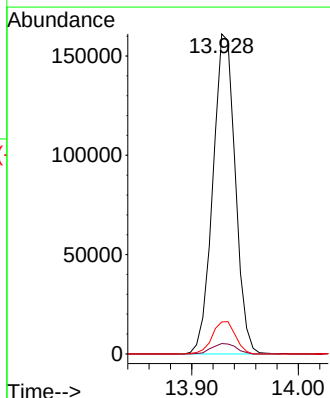
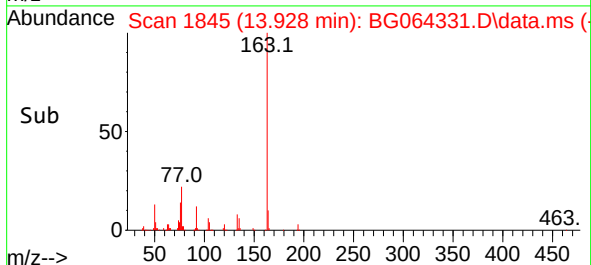
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

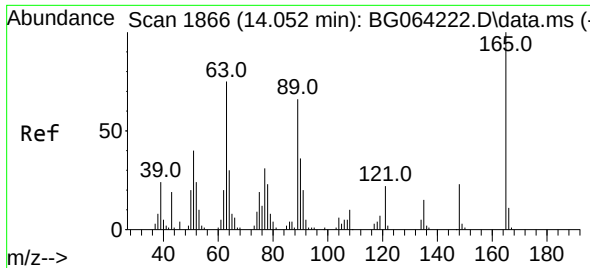


#50
Dimethylphthalate
Concen: 44.770 ng
RT: 13.928 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



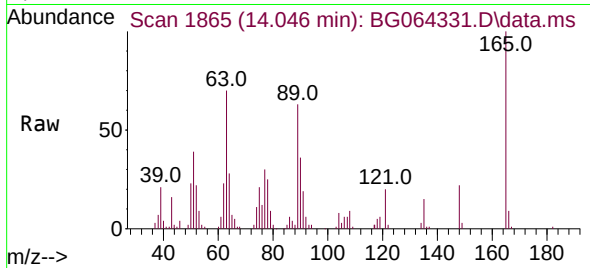
Tgt Ion:163 Resp: 235391
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.322 ng
RT: 14.046 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

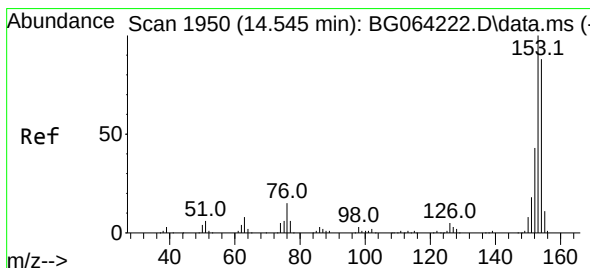
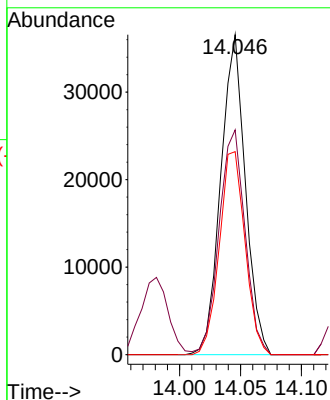
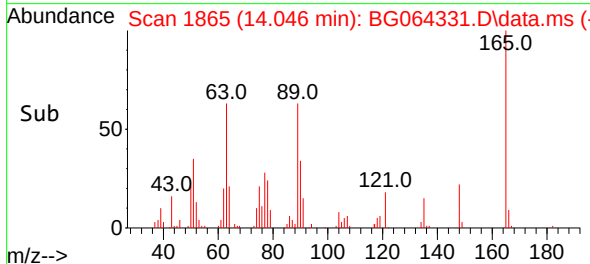
Instrument :
BNA_G
ClientSampleId :
PB169593BS



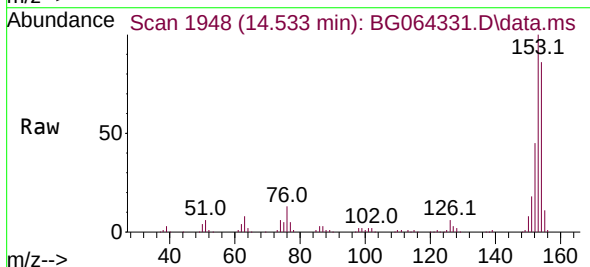
Tgt Ion:165 Resp: 51221
Ion Ratio Lower Upper
165 100
63 70.2 60.3 90.5
89 63.4 52.9 79.3

Manual Integrations
APPROVED

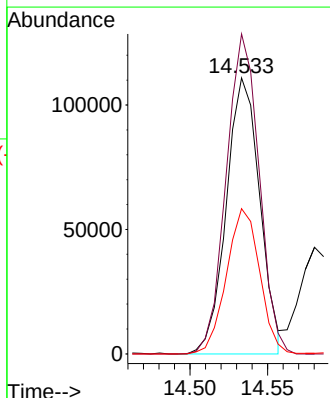
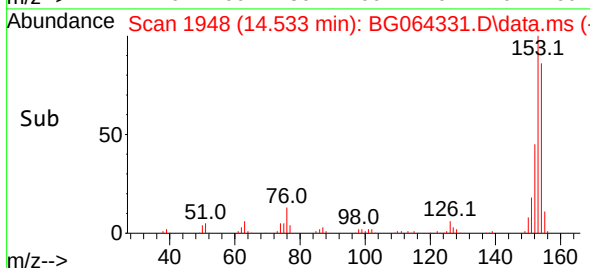
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

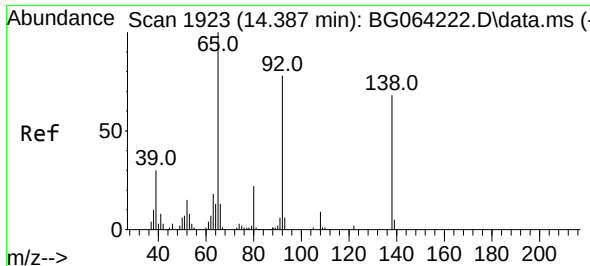


#52
Acenaphthene
Concen: 42.040 ng
RT: 14.533 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:154 Resp: 166809
Ion Ratio Lower Upper
154 100
153 116.0 91.1 136.7
152 52.6 39.6 59.4





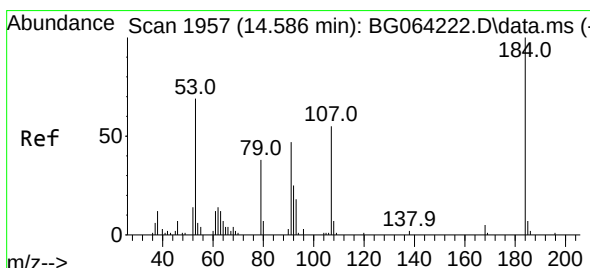
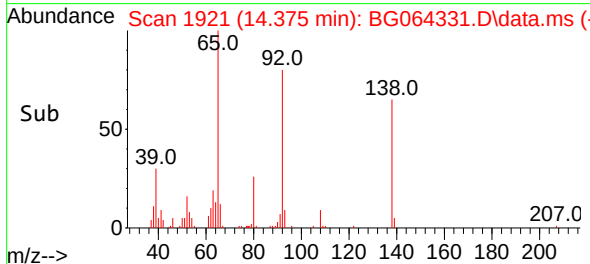
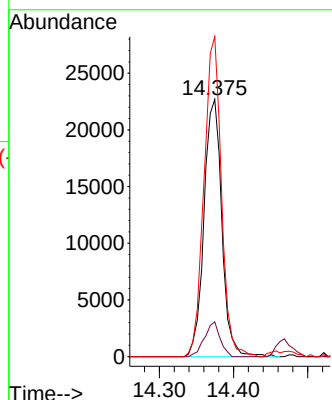
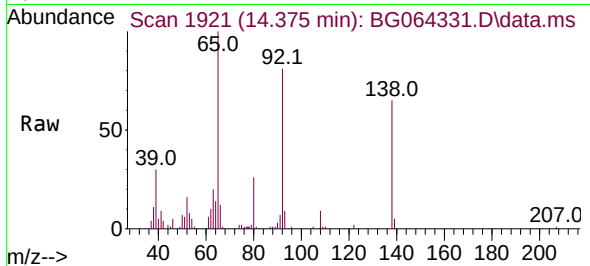
#53
3-Nitroaniline
Concen: 35.442 ng
RT: 14.375 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:138 Resp: 37789
Ion Ratio Lower Upper
138 100
108 13.5 11.0 16.6
92 124.4 91.4 137.0

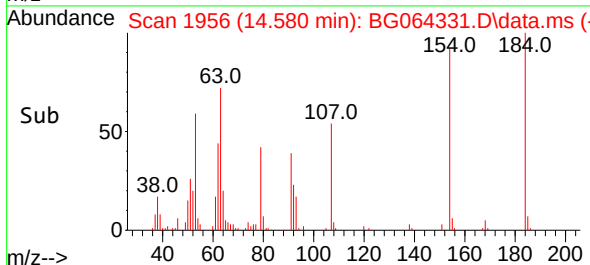
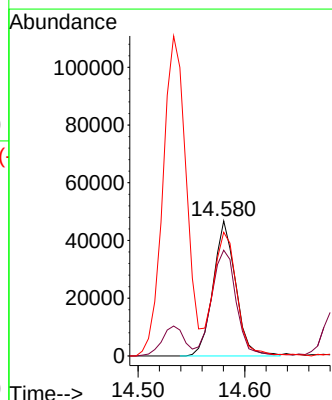
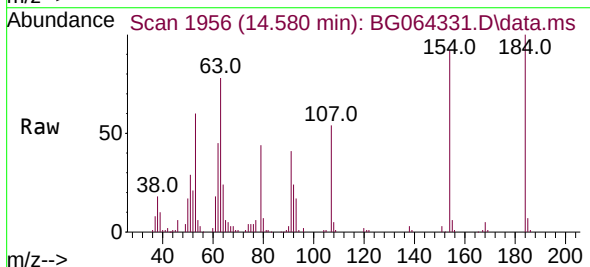
Manual Integrations
APPROVED

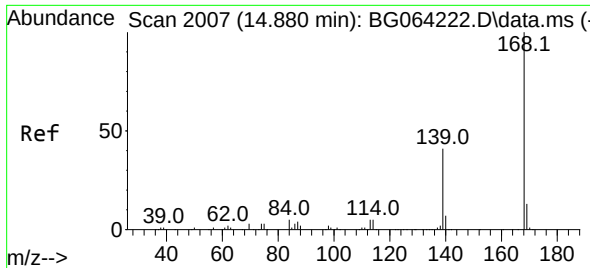
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#54
2,4-Dinitrophenol
Concen: 101.174 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

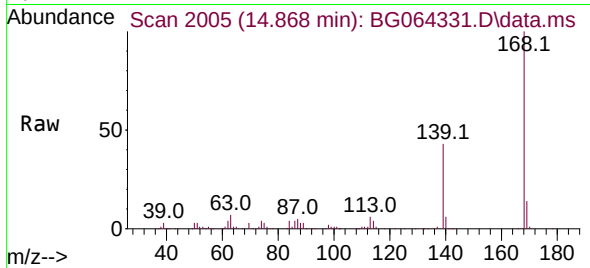
Tgt Ion:184 Resp: 68354
Ion Ratio Lower Upper
184 100
63 78.3 60.1 90.1
154 91.7 59.8 89.8#





#55
Dibenzofuran
Concen: 45.210 ng
RT: 14.868 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

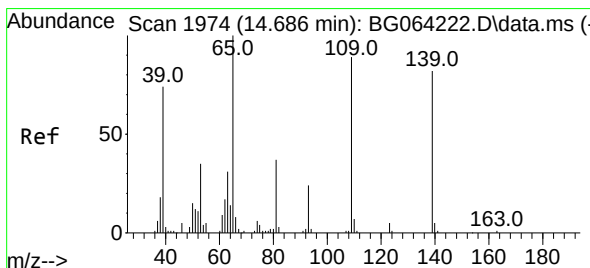
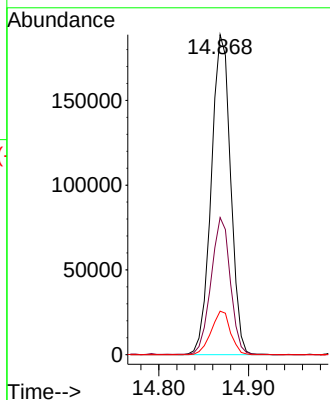
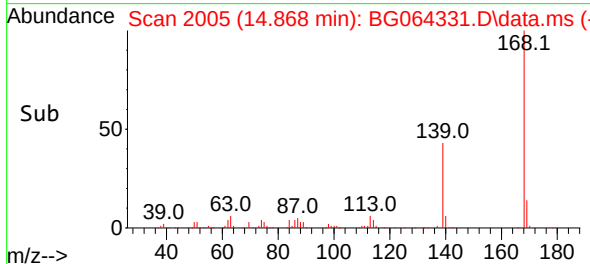
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:168 Resp: 282159
Ion Ratio Lower Upper
168 100
139 42.8 33.2 49.8
169 13.6 10.4 15.6

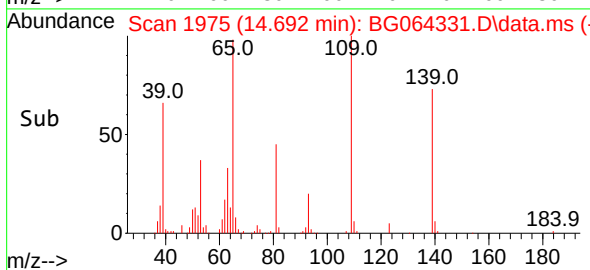
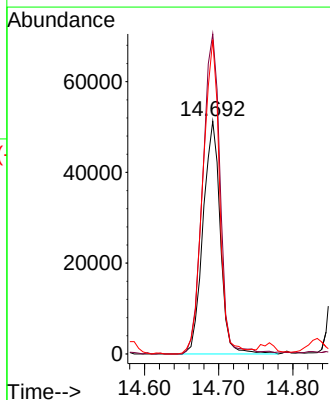
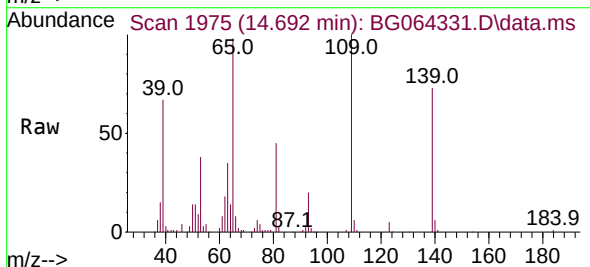
Manual Integrations
APPROVED

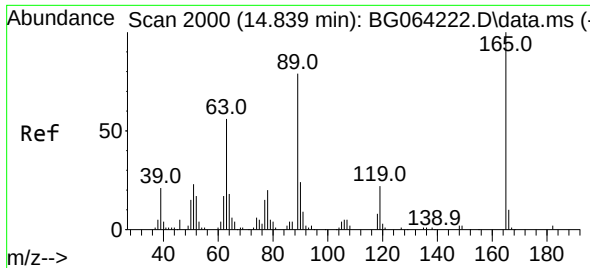
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#56
4-Nitrophenol
Concen: 94.209 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:139 Resp: 82396
Ion Ratio Lower Upper
139 100
109 137.5 89.1 129.1#
65 135.0 102.9 142.9





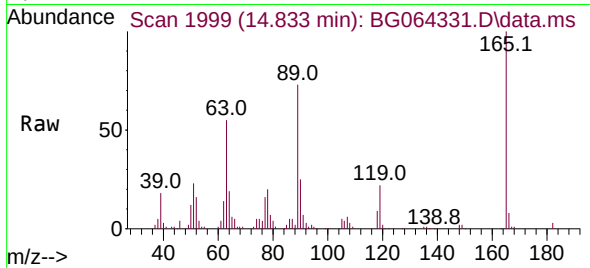
#57
2,4-Dinitrotoluene
Concen: 49.665 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

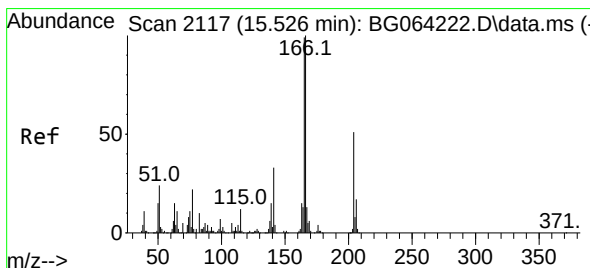
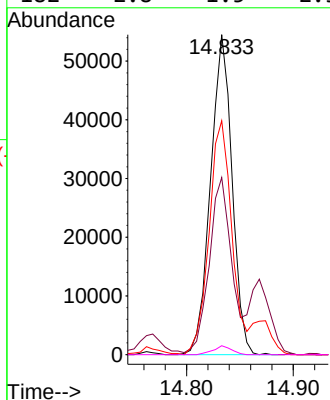
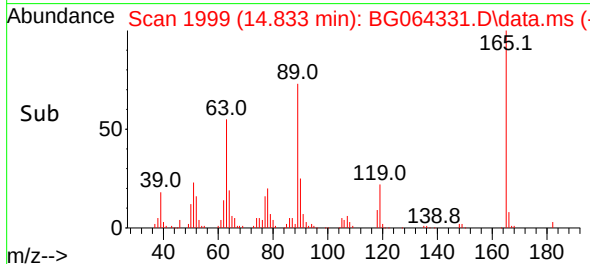


Tgt Ion:165 Resp: 76436
Ion Ratio Lower Upper
165 100
63 55.3 44.6 67.0
89 73.1 63.0 94.4
182 2.8 1.5 2.3#

Manual Integrations

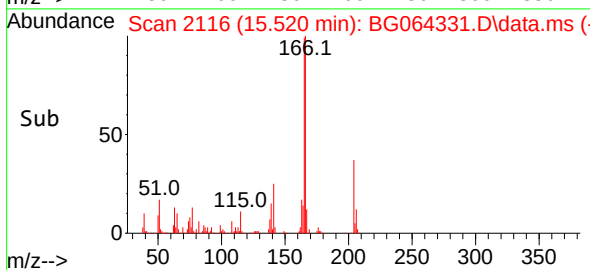
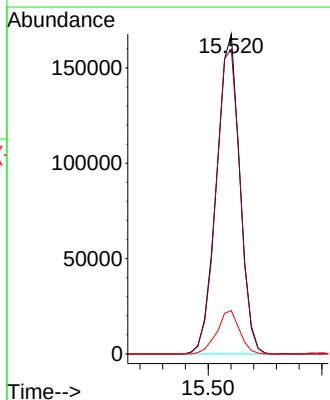
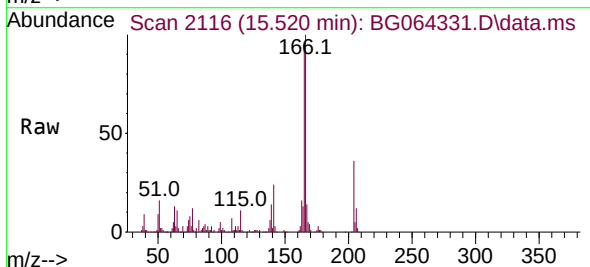
APPROVED

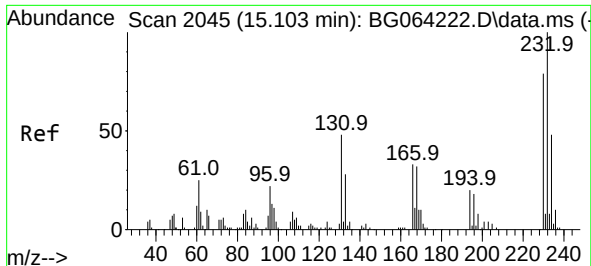
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#58
Fluorene
Concen: 46.423 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:166 Resp: 237474
Ion Ratio Lower Upper
166 100
165 95.3 79.1 118.7
167 13.5 10.2 15.4





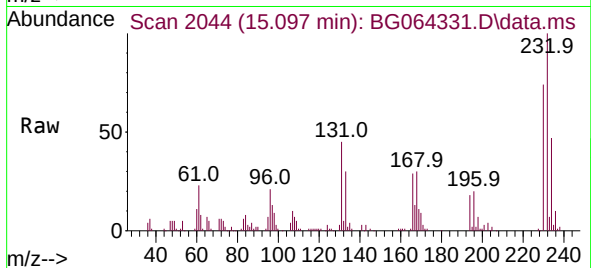
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.302 ng
RT: 15.097 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS



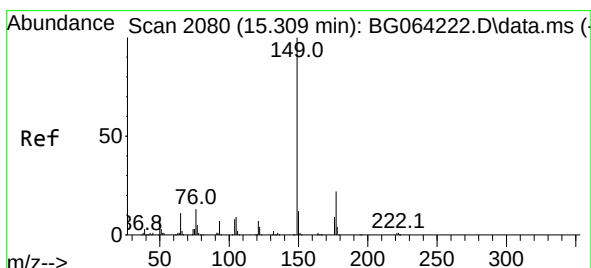
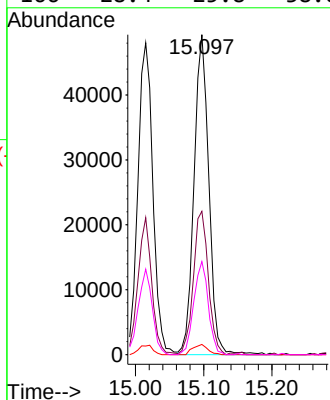
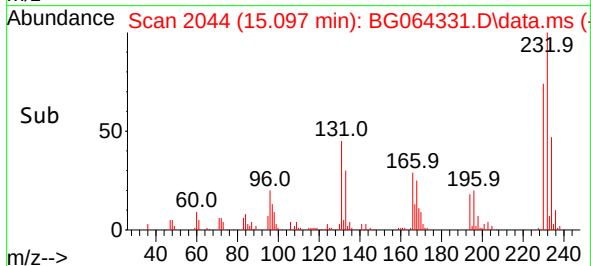
Tgt Ion:232 Resp: 74498
Ion Ratio Lower Upper
232 100
131 45.3 37.1 55.7
130 3.2 2.6 3.8
166 28.4 25.8 38.6

Manual Integrations

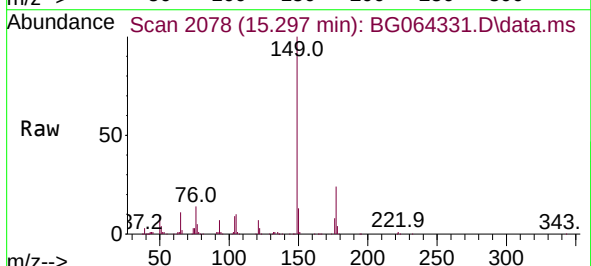
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

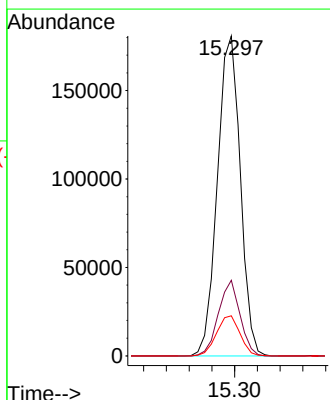
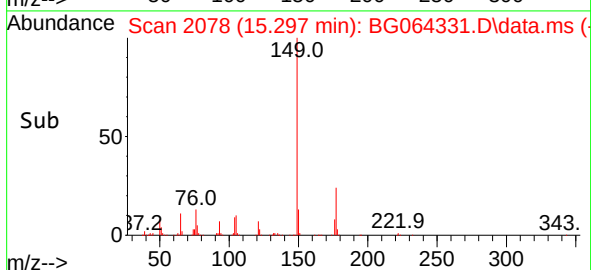
Supervised By :Jagrut Upadhyay 09/11/2025

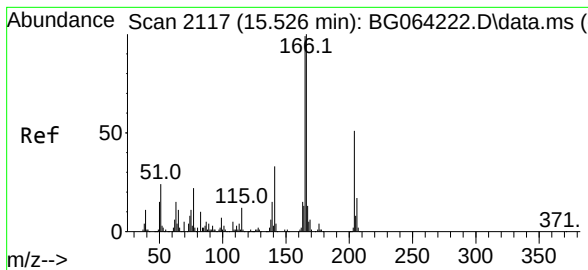


#60
Diethylphthalate
Concen: 44.926 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



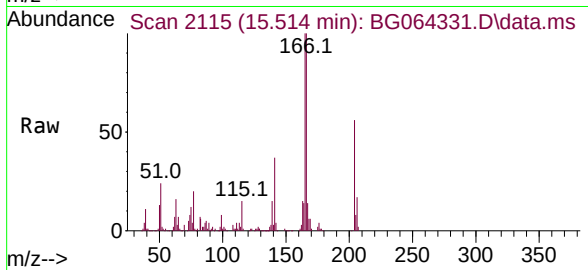
Tgt Ion:149 Resp: 252794
Ion Ratio Lower Upper
149 100
177 23.6 17.5 26.3
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.028 ng
RT: 15.514 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

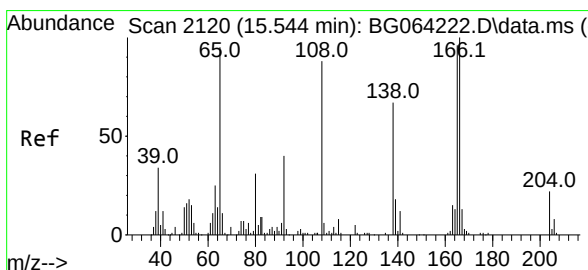
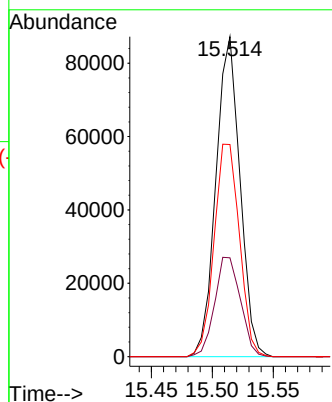
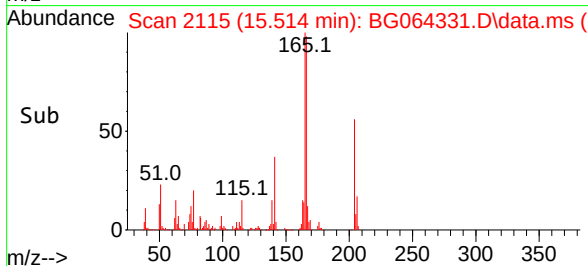
Instrument :
BNA_G
ClientSampleId :
PB169593BS



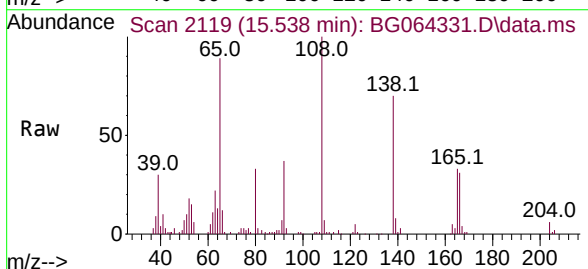
Tgt Ion:204 Resp: 119944
Ion Ratio Lower Upper
204 100
206 30.9 26.2 39.4
141 66.3 51.9 77.9

Manual Integrations
APPROVED

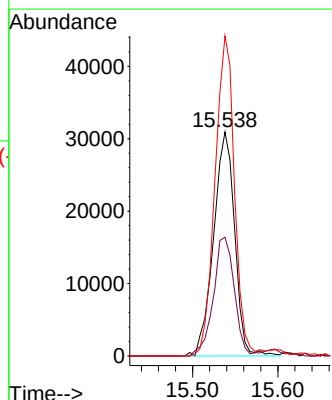
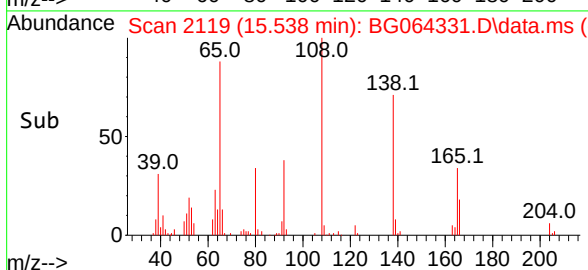
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

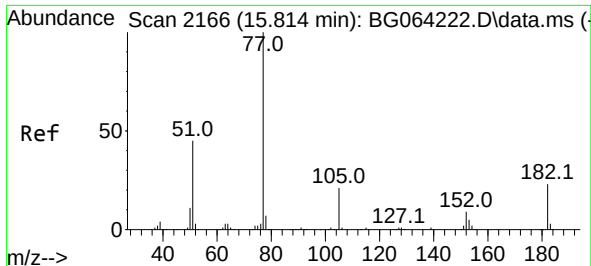


#62
4-Nitroaniline
Concen: 48.843 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



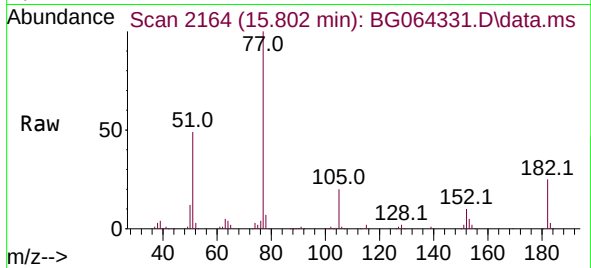
Tgt Ion:138 Resp: 53140
Ion Ratio Lower Upper
138 100
92 52.9 39.1 79.1
108 142.9 111.3 151.3





#63
Azobenzene
Concen: 42.833 ng
RT: 15.802 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

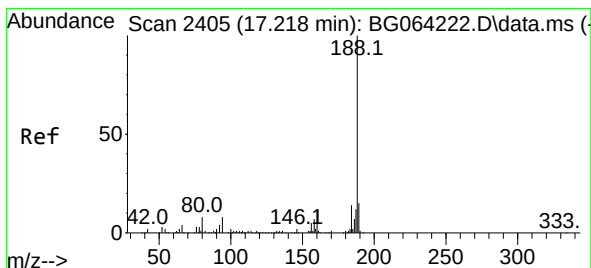
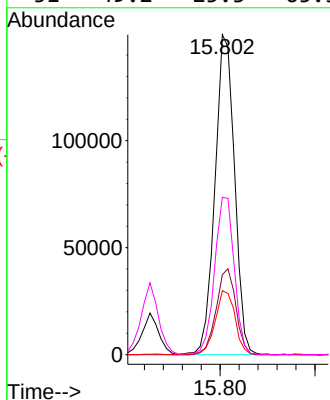
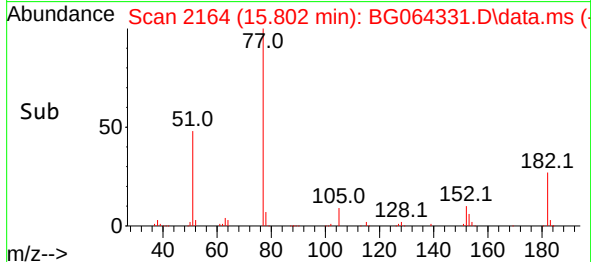
Instrument :
BNA_G
ClientSampleId :
PB169593BS



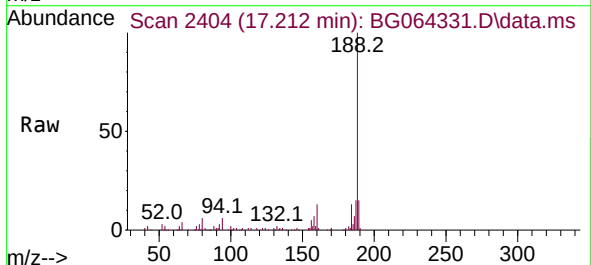
Tgt Ion: 77 Resp: 214818
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 20.0 0.6 40.6
51 49.2 25.3 65.3

Manual Integrations
APPROVED

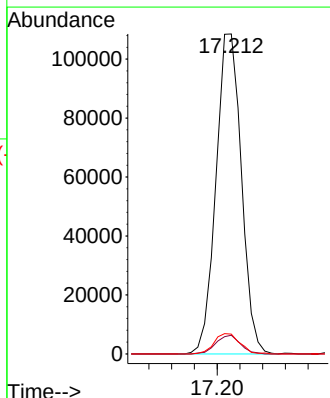
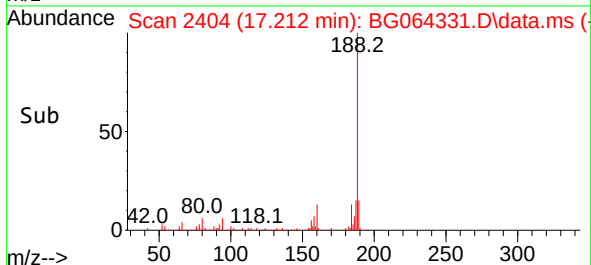
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

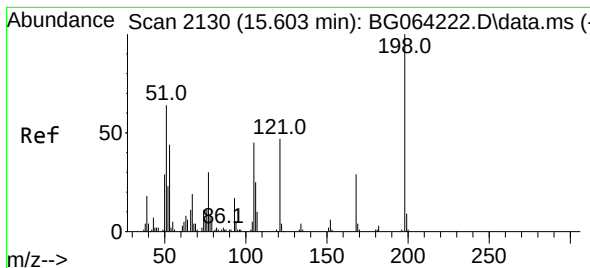


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:188 Resp: 167983
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 6.2 6.8 10.2#





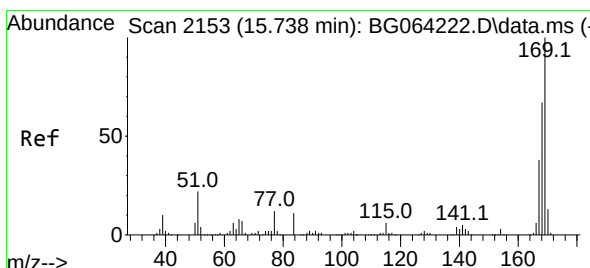
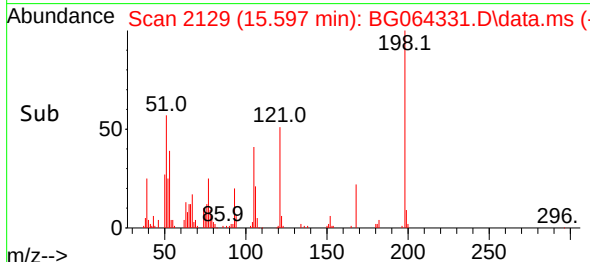
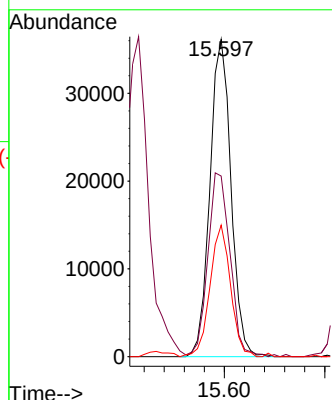
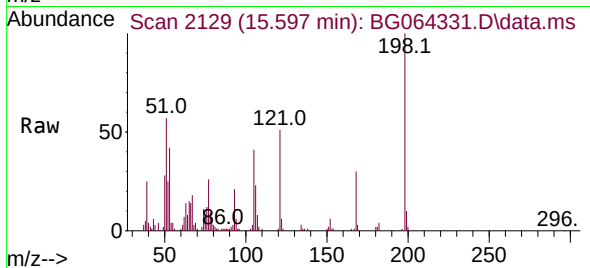
#65
4,6-Dinitro-2-methylphenol
Concen: 54.669 ng
RT: 15.597 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:198 Resp: 52725
Ion Ratio Lower Upper
198 100
51 56.9 46.2 86.2
105 41.4 25.0 65.0

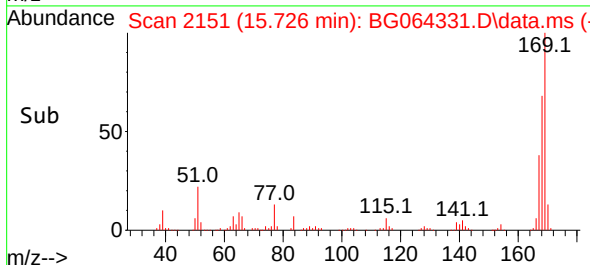
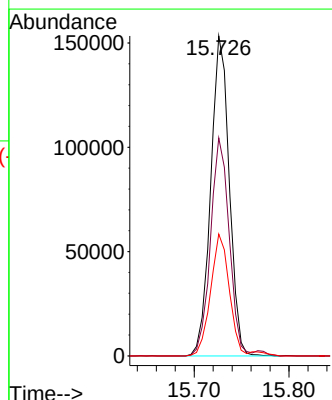
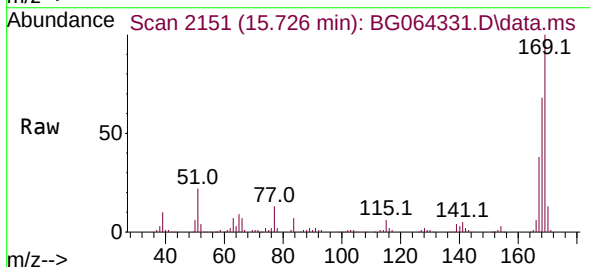
Manual Integrations
APPROVED

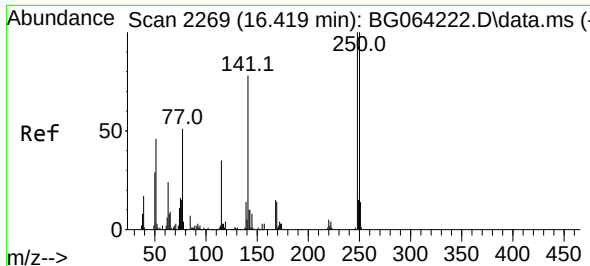
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 45.060 ng
RT: 15.726 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

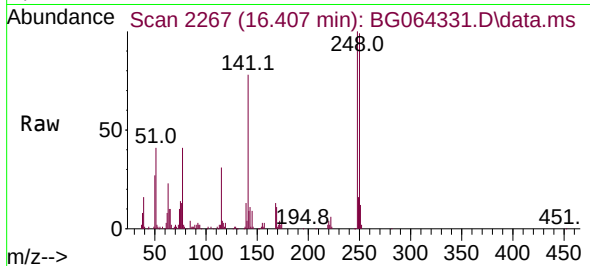
Tgt Ion:169 Resp: 208224
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.8
167 38.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 48.066 ng
RT: 16.407 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

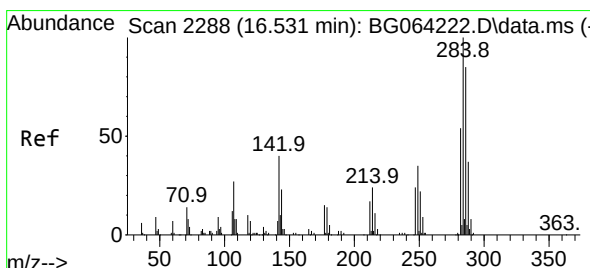
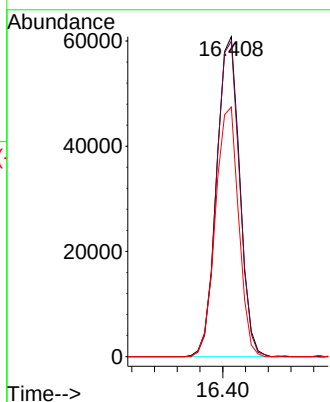
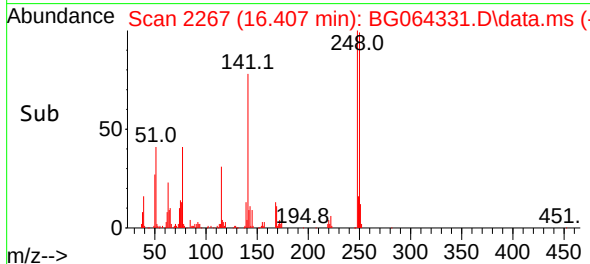
Instrument :
BNA_G
ClientSampleId :
PB169593BS



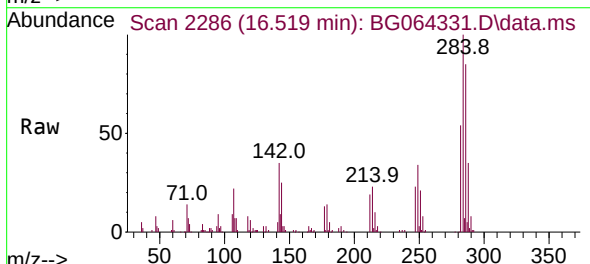
Tgt Ion:248 Resp: 85759
Ion Ratio Lower Upper
248 100
250 98.6 80.2 120.4
141 78.0 62.4 93.6

Manual Integrations
APPROVED

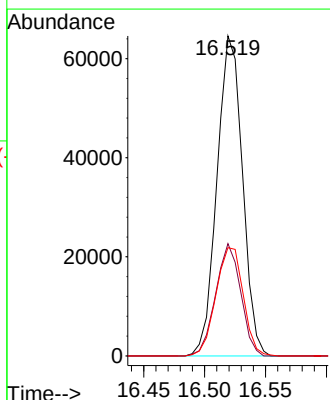
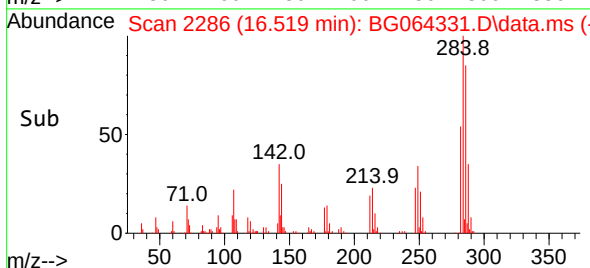
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

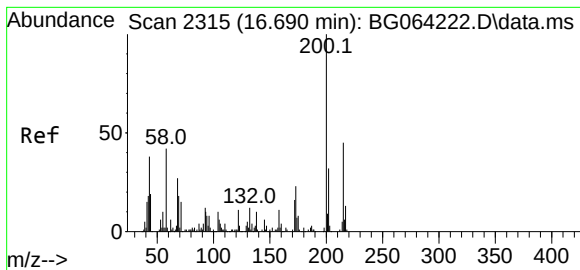


#68
Hexachlorobenzene
Concen: 47.356 ng
RT: 16.519 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:284 Resp: 93827
Ion Ratio Lower Upper
284 100
142 35.1 32.1 48.1
249 33.8 28.3 42.5





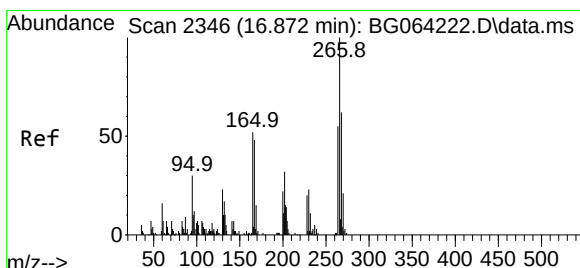
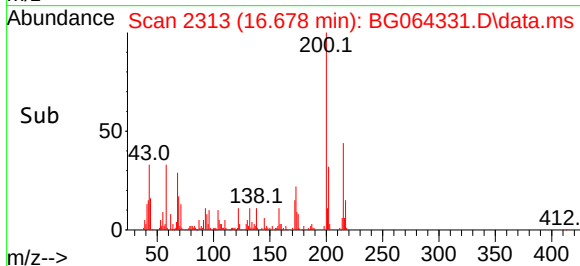
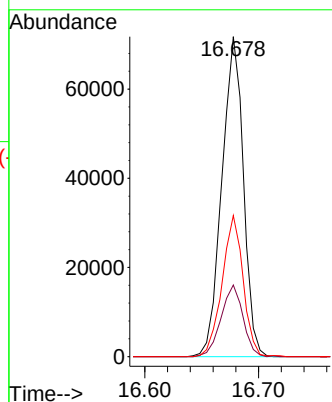
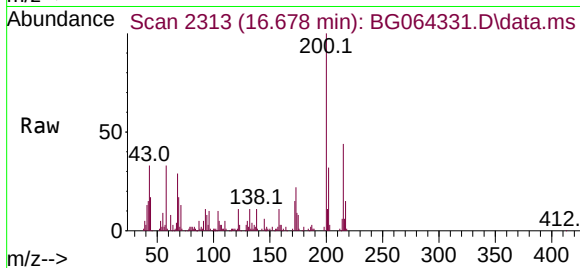
#69
 Atrazine
 Concen: 48.840 ng
 RT: 16.678 min Scan# 2313
 Delta R.T. -0.018 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS

Tgt Ion:200 Resp: 94236
 Ion Ratio Lower Upper
 200 100
 173 22.4 3.5 43.5
 215 44.1 24.8 64.8

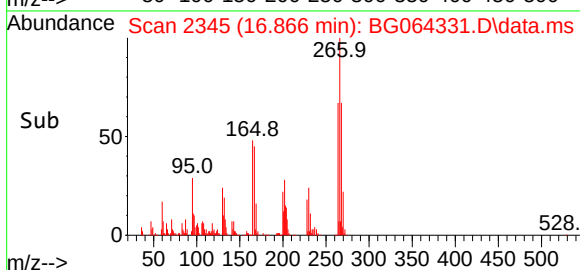
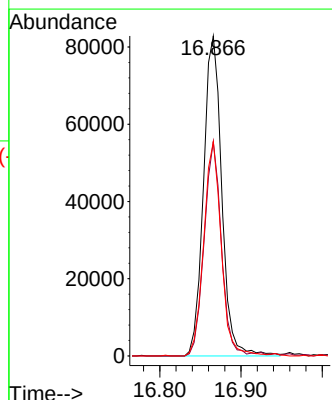
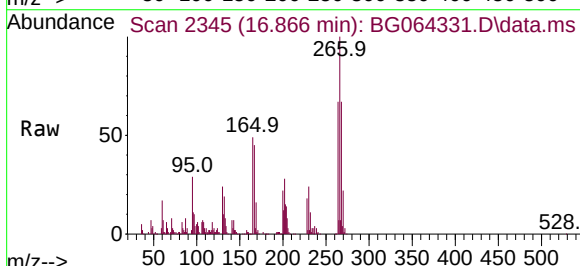
Manual Integrations
 APPROVED

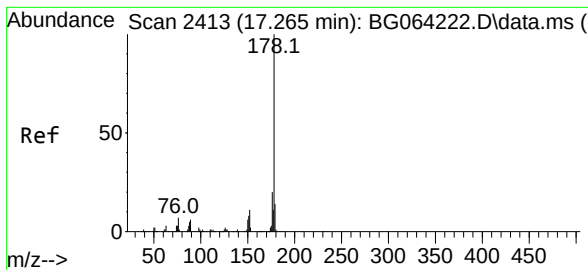
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#70
 Pentachlorophenol
 Concen: 108.018 ng
 RT: 16.866 min Scan# 2345
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

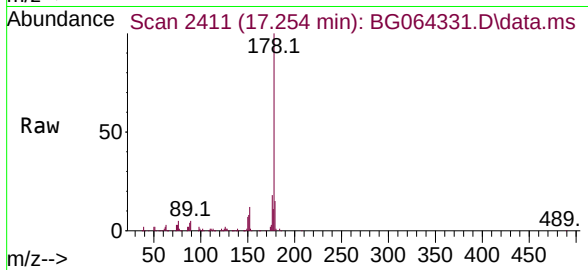
Tgt Ion:266 Resp: 129768
 Ion Ratio Lower Upper
 266 100
 268 67.0 49.4 74.0
 264 66.9 44.3 66.5#





#71
Phenanthrene
Concen: 44.449 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

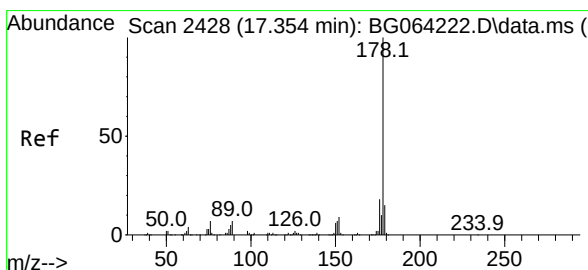
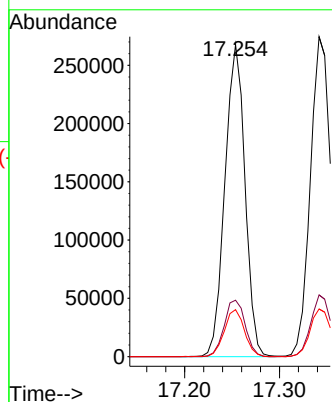
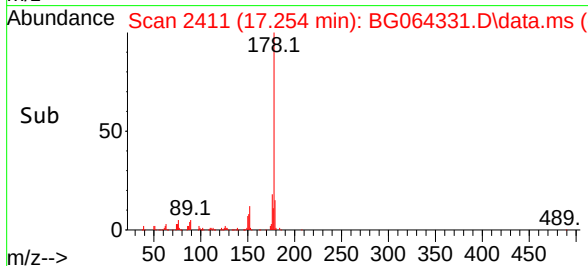
Instrument :
BNA_G
ClientSampleId :
PB169593BS



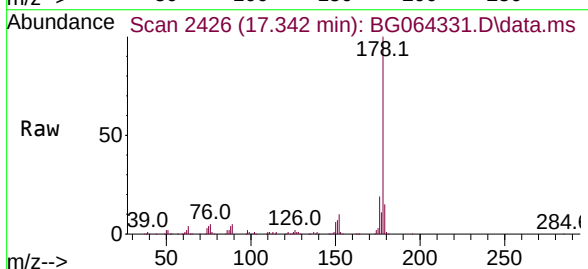
Tgt Ion:178 Resp: 393820
Ion Ratio Lower Upper
178 100
176 18.0 15.9 23.9
179 15.0 11.4 17.2

Manual Integrations
APPROVED

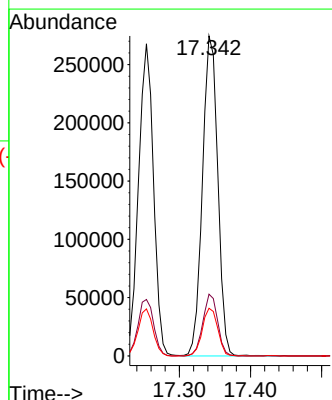
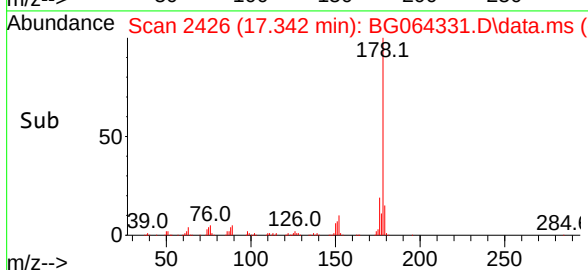
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

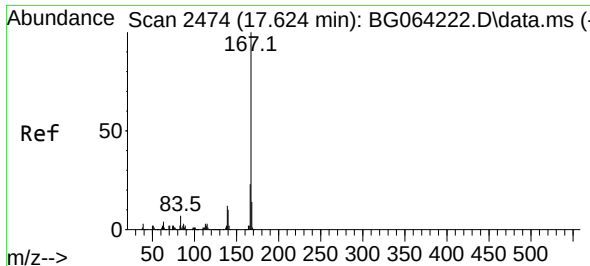


#72
Anthracene
Concen: 45.379 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



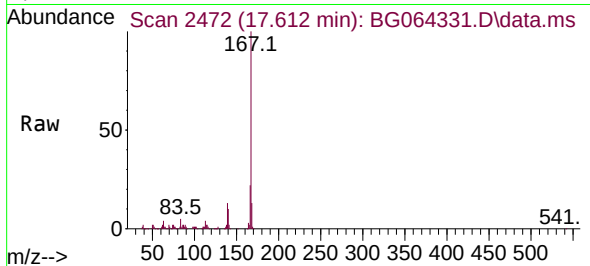
Tgt Ion:178 Resp: 408976
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 14.9 12.1 18.1





#73
 Carbazole
 Concen: 45.831 ng
 RT: 17.612 min Scan# 2474
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

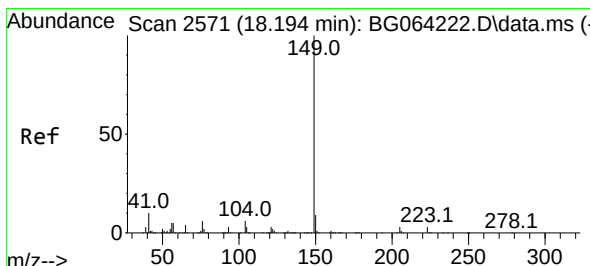
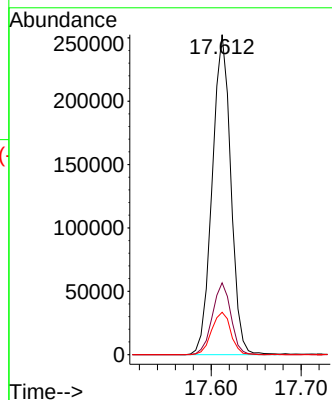
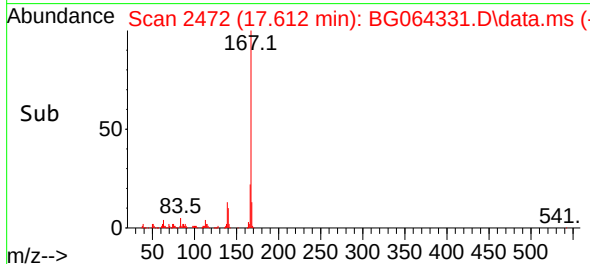
Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS



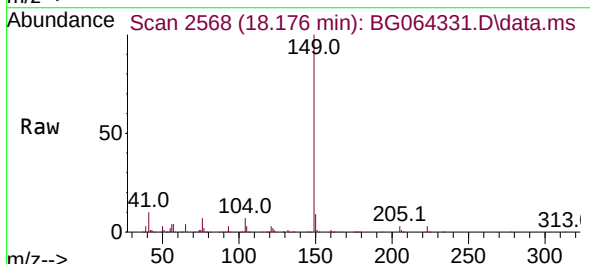
Tgt Ion:167 Resp: 363876
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.2 9.8 14.6

Manual Integrations
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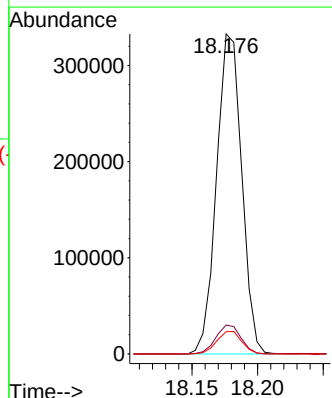
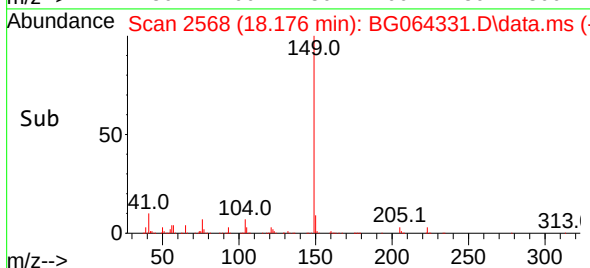
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

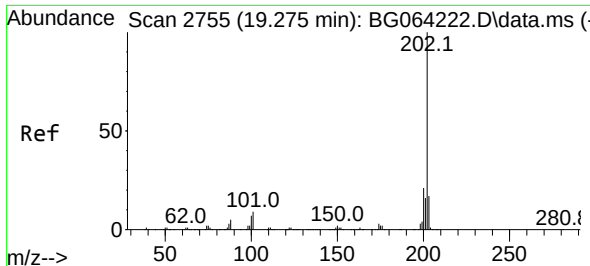


#74
 Di-n-butylphthalate
 Concen: 46.692 ng
 RT: 18.176 min Scan# 2568
 Delta R.T. -0.018 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58



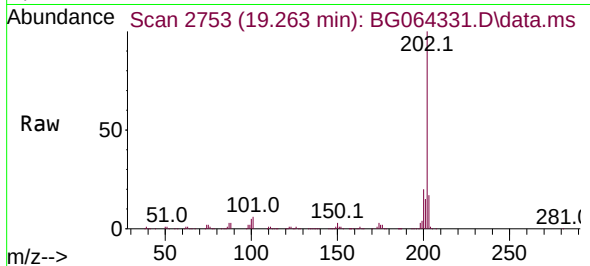
Tgt Ion:149 Resp: 445379
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 7.0 4.6 7.0





#75
Fluoranthene
Concen: 47.489 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

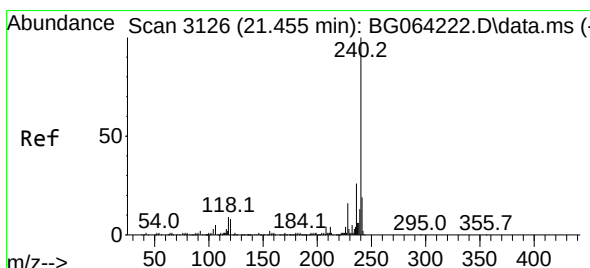
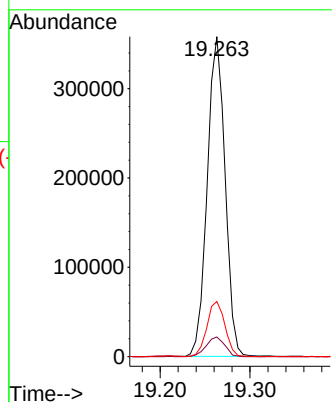
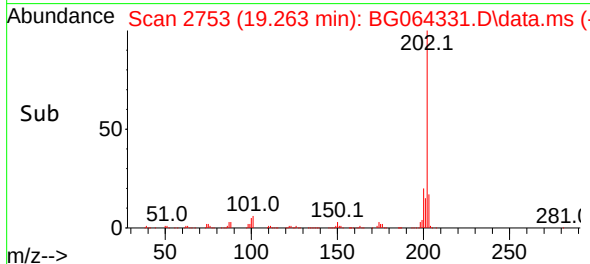
Instrument :
BNA_G
ClientSampleId :
PB169593BS



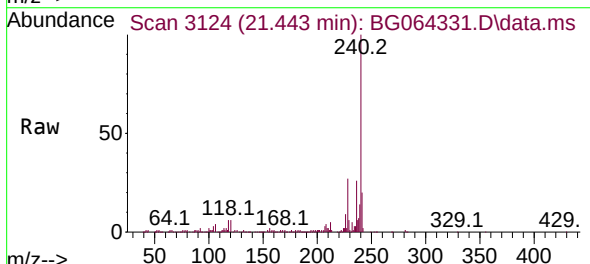
Tgt Ion:202 Resp: 494723
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 17.3 0.0 36.9

Manual Integrations
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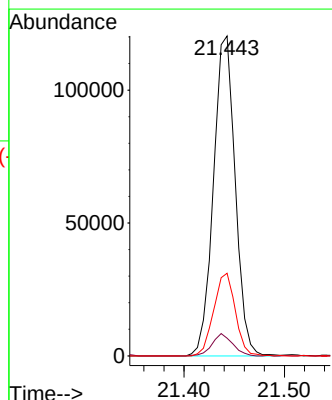
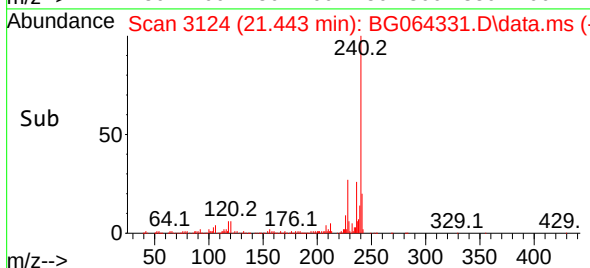
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

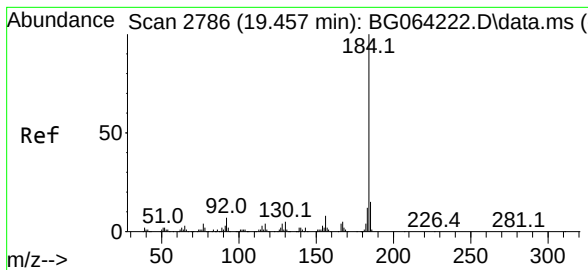


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:240 Resp: 181826
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 25.8 20.5 30.7





#77

Benzidine

Concen: 42.073 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

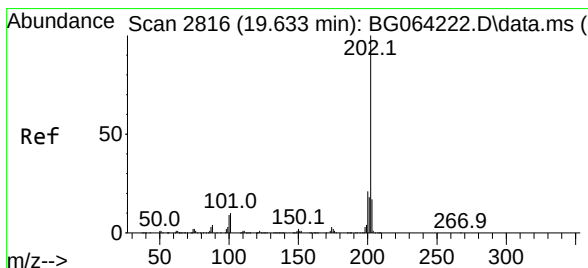
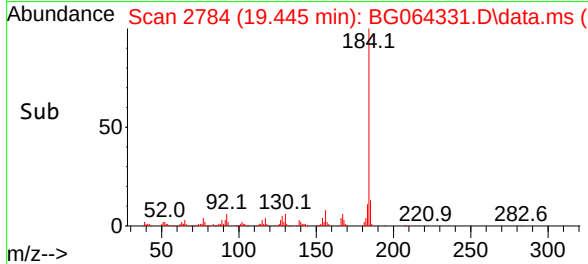
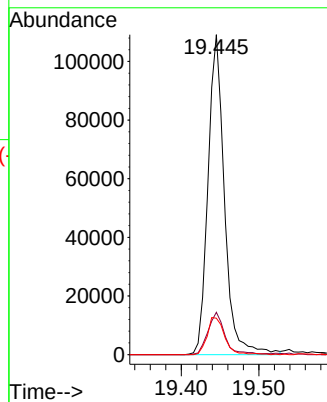
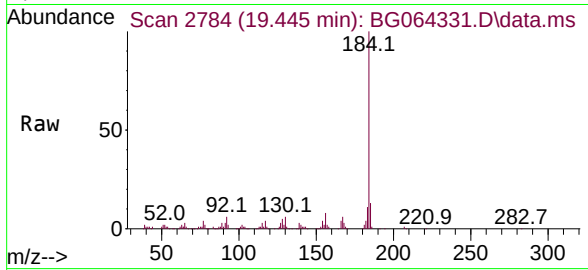
Tgt Ion:184	Resp: 160928
Ion Ratio	Lower Upper
184 100	
185 13.2	11.7 17.5
183 11.4	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#78

Pyrene

Concen: 44.274 ng

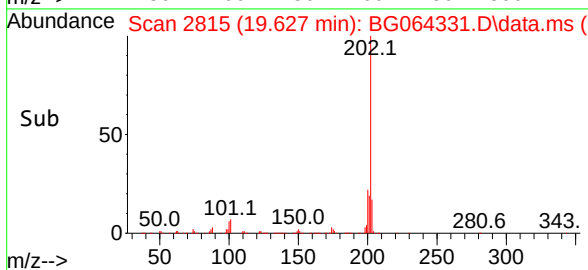
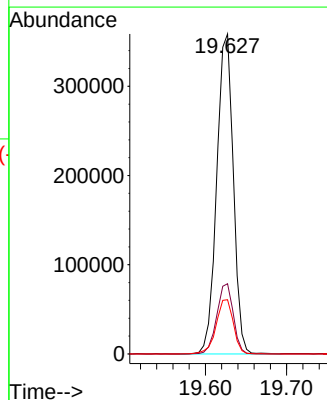
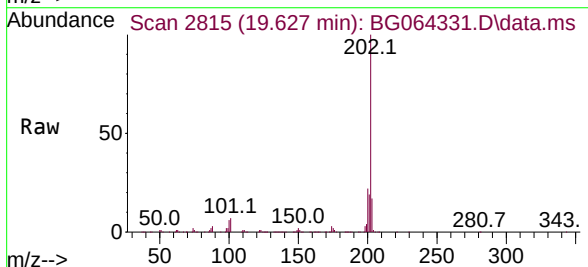
RT: 19.627 min Scan# 2815

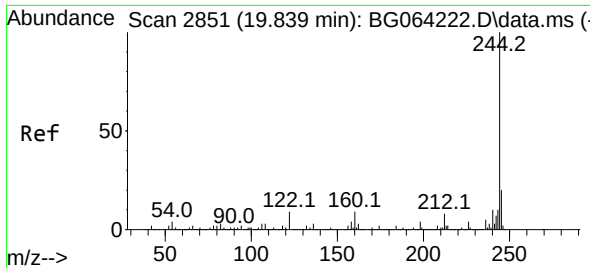
Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Tgt Ion:202	Resp: 507175
Ion Ratio	Lower Upper
202 100	
200 21.9	16.9 25.3
203 16.9	13.8 20.8





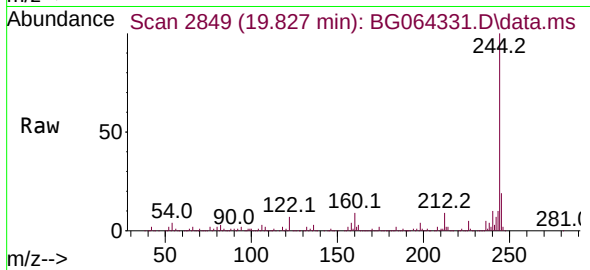
#79
 Terphenyl-d14
 Concen: 91.411 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.018 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS



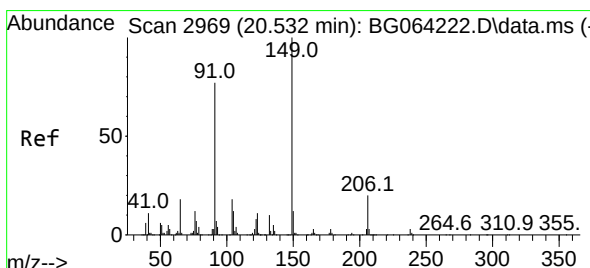
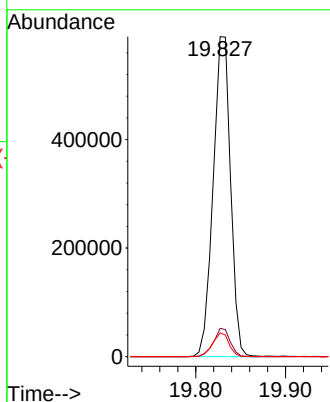
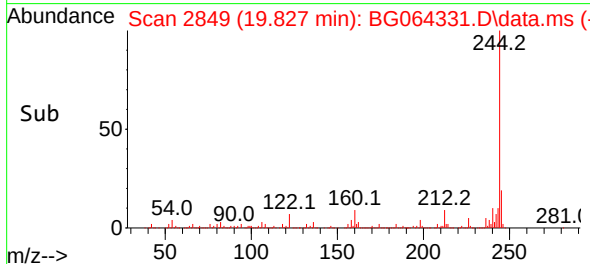
Tgt Ion:244 Resp: 796653
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.4 7.0 10.6

Manual Integrations

APPROVED

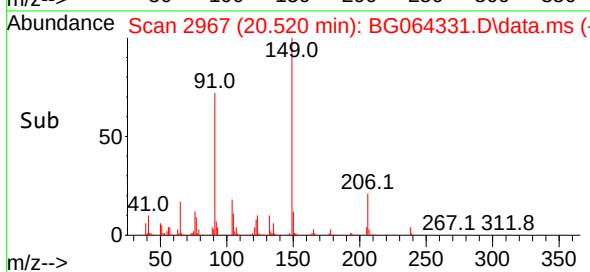
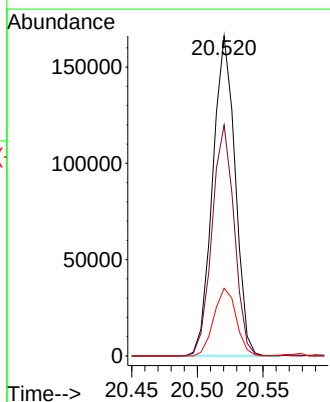
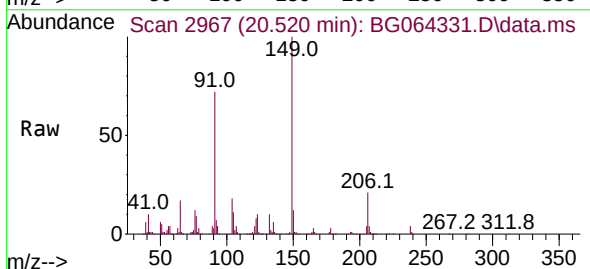
Reviewed By :Rahul Chavli 09/11/2025

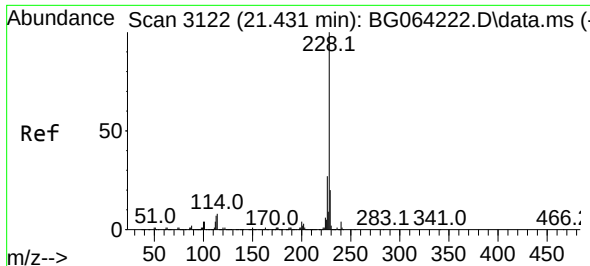
Supervised By :Jagrut Upadhyay 09/11/2025



#80
 Butylbenzylphthalate
 Concen: 45.893 ng
 RT: 20.520 min Scan# 2967
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

Tgt Ion:149 Resp: 198287
 Ion Ratio Lower Upper
 149 100
 91 72.1 61.4 92.0
 206 21.1 15.8 23.6





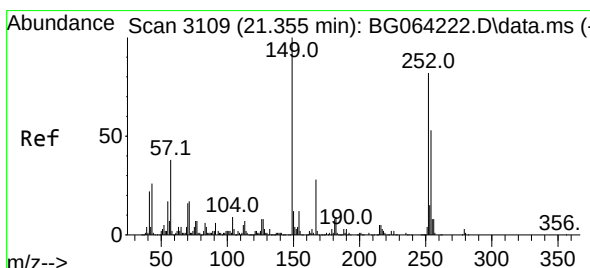
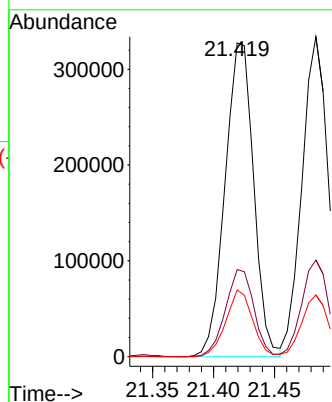
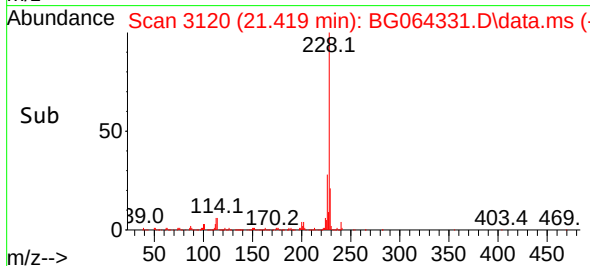
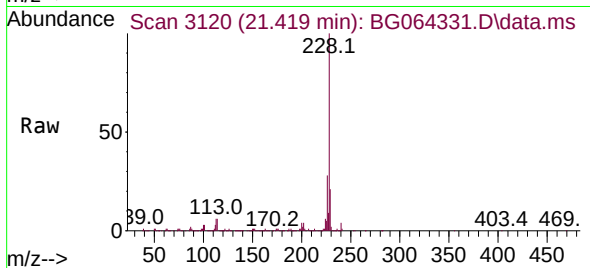
#81
Benzo(a)anthracene
Concen: 45.988 ng
RT: 21.419 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:228 Resp: 534950
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 21.3 15.9 23.9

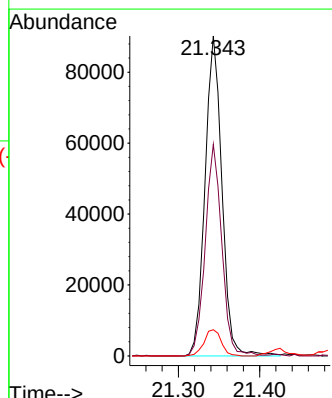
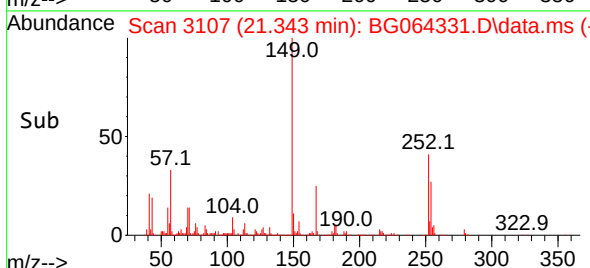
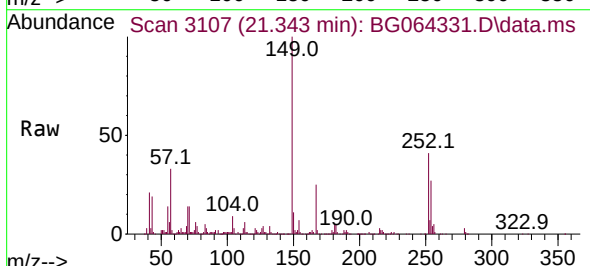
Manual Integrations
APPROVED

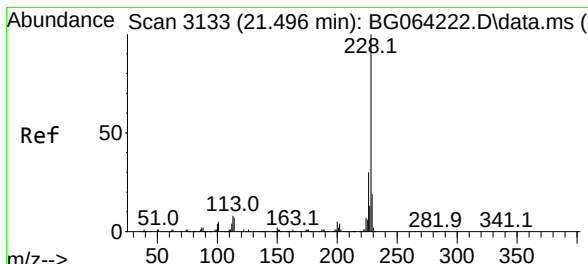
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.476 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

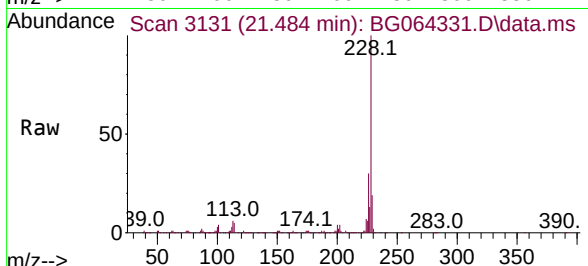
Tgt Ion:252 Resp: 130610
Ion Ratio Lower Upper
252 100
254 66.1 51.9 77.9
126 8.2 7.6 11.4





#83
Chrysene
Concen: 44.758 ng
RT: 21.484 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

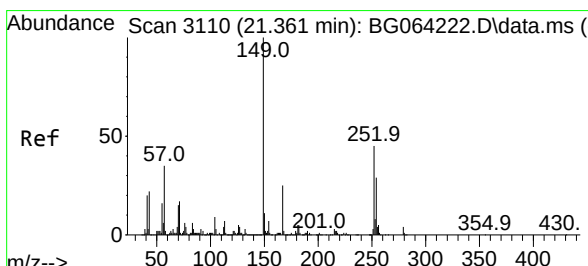
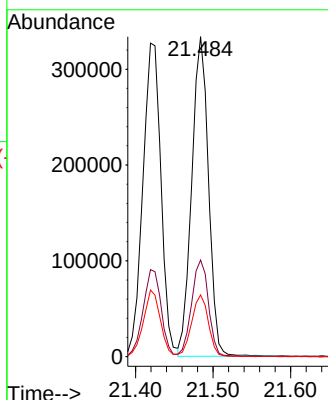
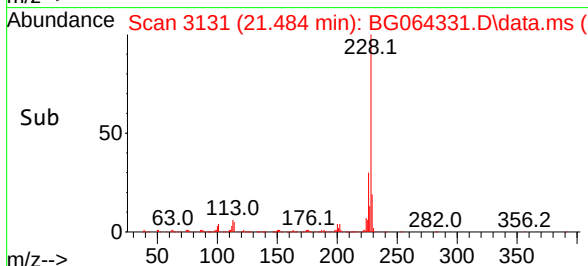
Instrument : BNA_G
ClientSampleId : PB169593BS



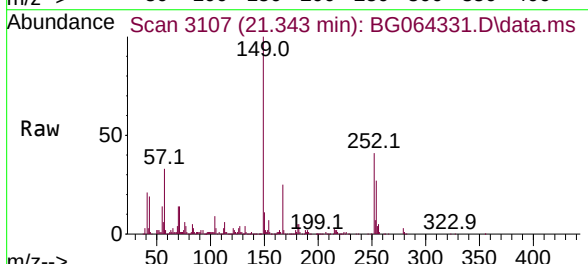
Tgt Ion:228 Resp: 499842
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.3 15.4 23.2

Manual Integrations
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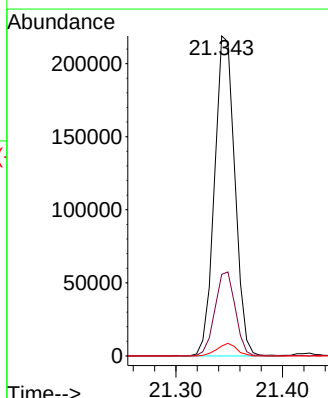
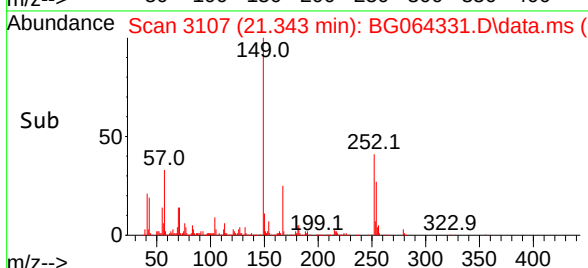
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

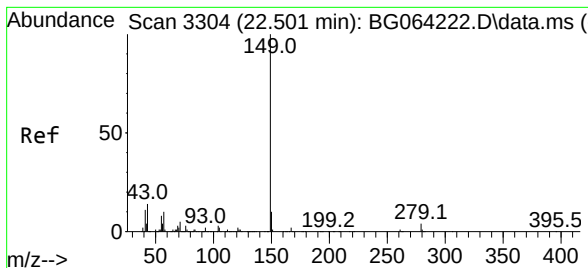


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.797 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



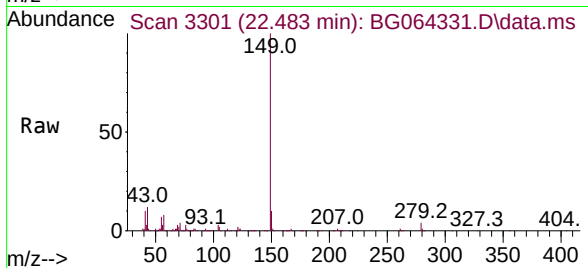
Tgt Ion:149 Resp: 290590
Ion Ratio Lower Upper
149 100
167 25.5 20.0 30.0
279 3.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.573 ng
RT: 22.483 min Scan# 3304
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

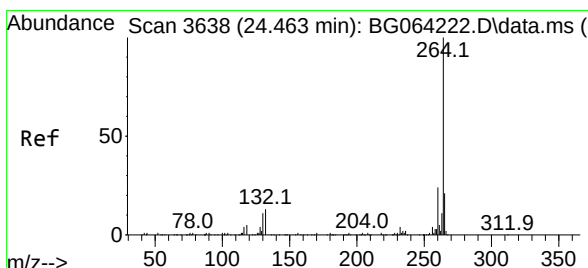
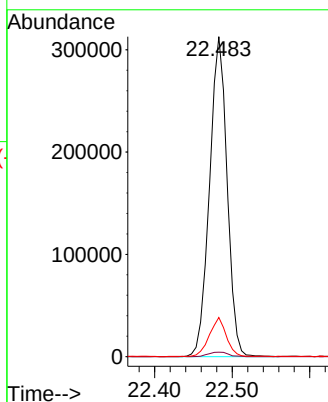
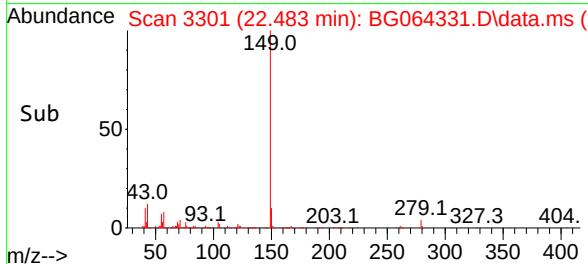
Instrument :
BNA_G
ClientSampleId :
PB169593BS



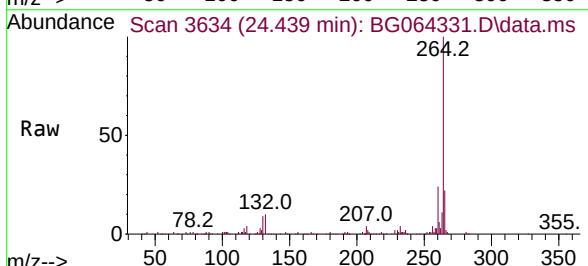
Tgt Ion:149 Resp: 492489
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 10.8 16.2

Manual Integrations
APPROVED

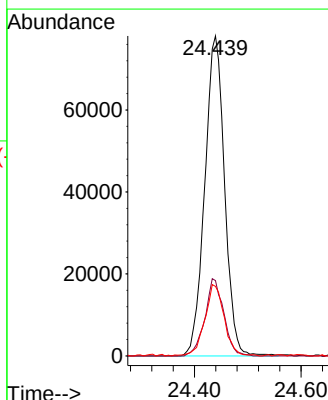
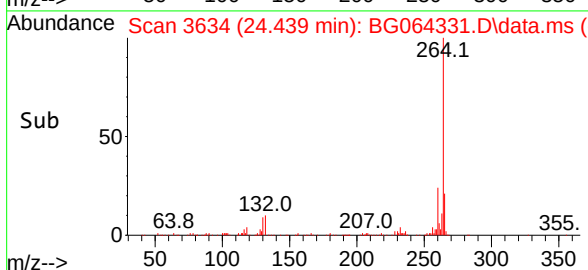
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

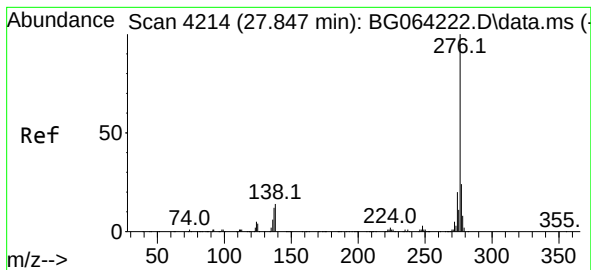


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3634
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:264 Resp: 201546
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.557 ng

RT: 27.818 min Scan# 41

Delta R.T. -0.053 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

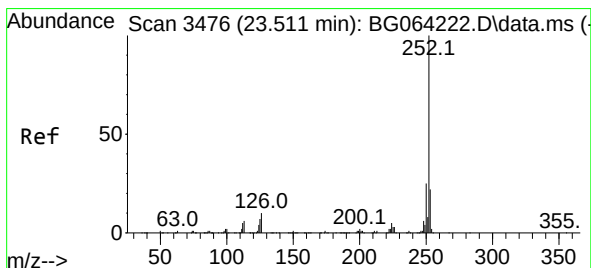
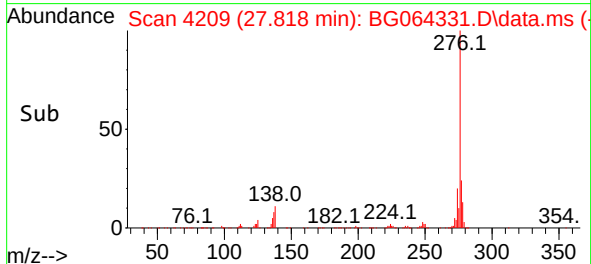
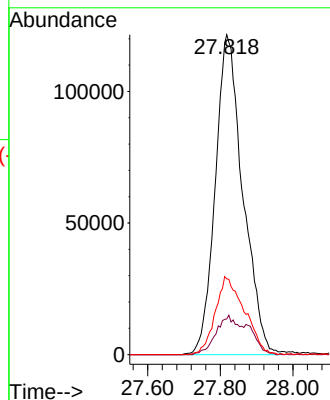
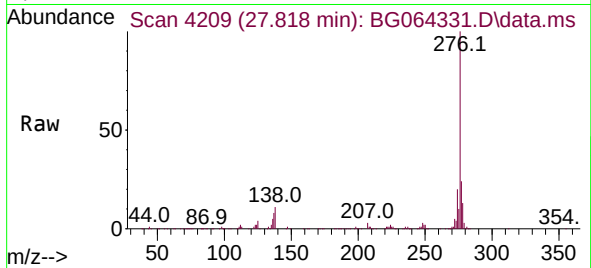
Tgt Ion:276 Resp: 64080
 Ion Ratio Lower Upper
 276 100
 138 10.5 7.4 11.0
 277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#88

Benzo(b)fluoranthene

Concen: 45.962 ng

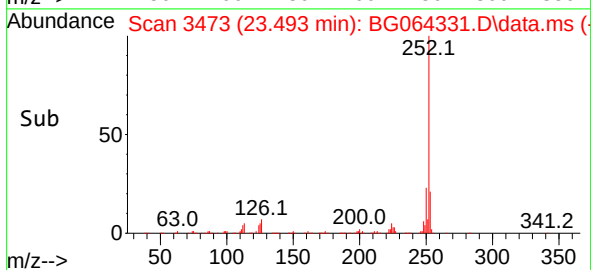
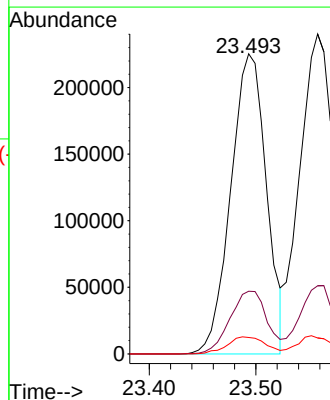
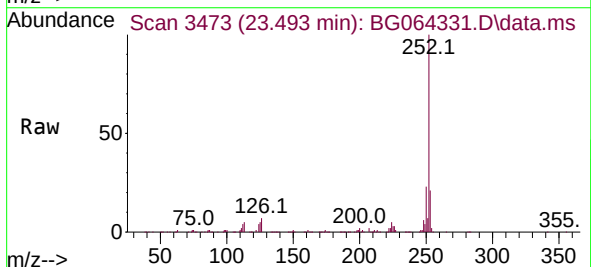
RT: 23.493 min Scan# 3473

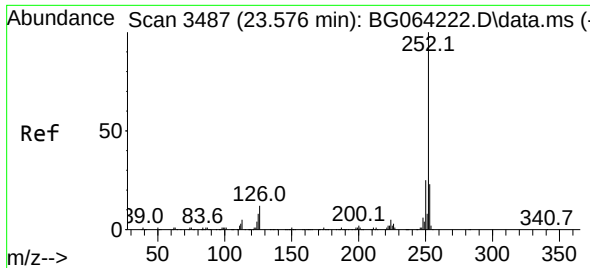
Delta R.T. -0.024 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

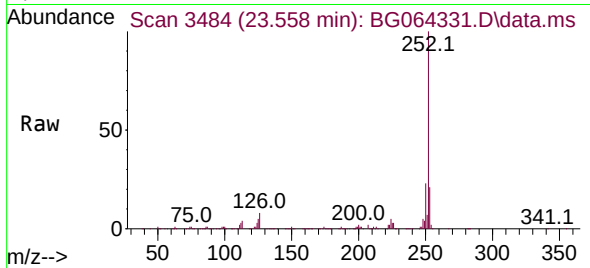
Tgt Ion:252 Resp: 522817
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.5 26.3
 125 5.4 5.9 8.9#





#89
Benzo(k)fluoranthene
Concen: 46.307 ng
RT: 23.558 min Scan# 3487
Delta R.T. -0.030 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

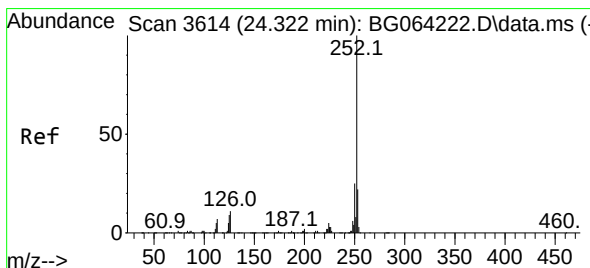
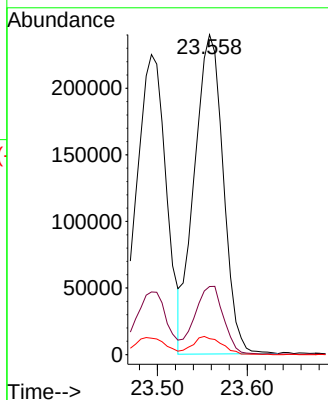
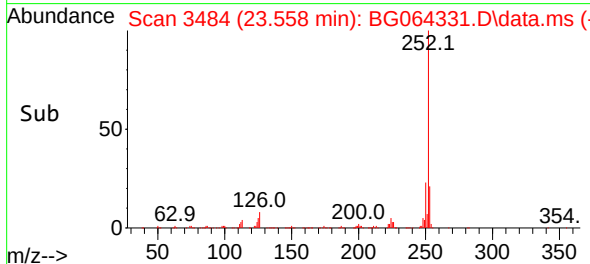
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:252 Resp: 536633
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 5.0 7.0 10.4

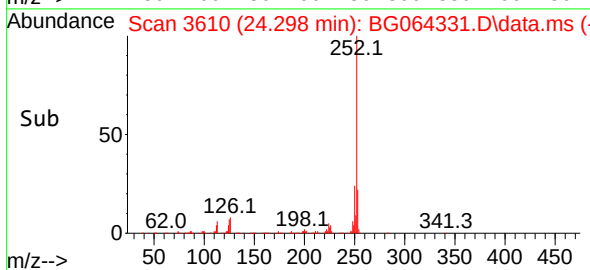
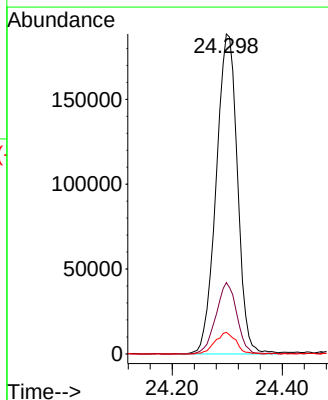
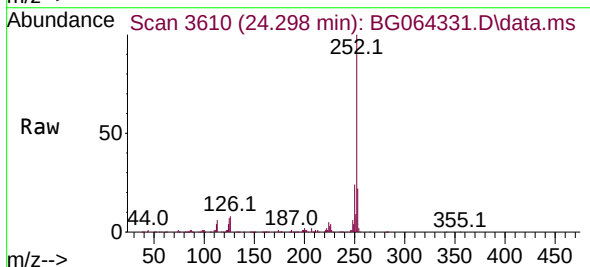
Manual Integrations
APPROVED

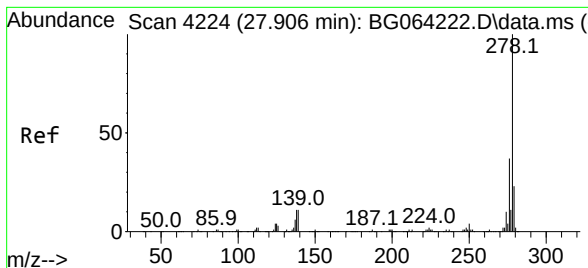
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#90
Benzo(a)pyrene
Concen: 47.726 ng
RT: 24.298 min Scan# 3610
Delta R.T. -0.030 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:252 Resp: 505003
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 47.076 ng

RT: 27.876 min Scan# 41

Delta R.T. -0.047 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

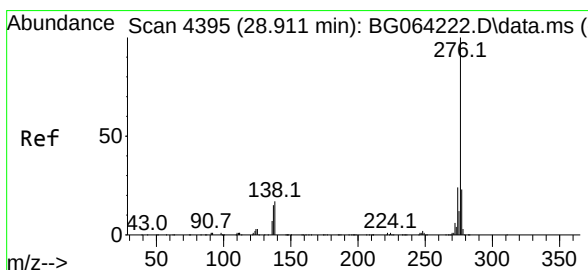
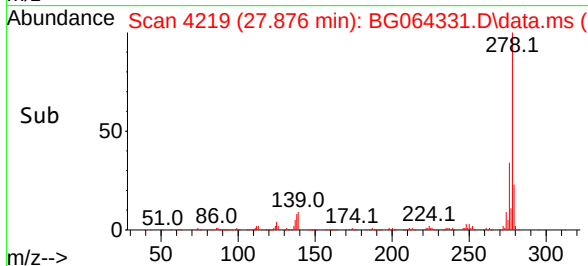
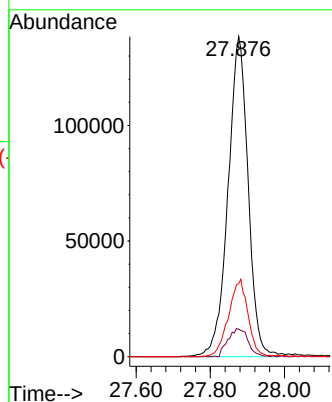
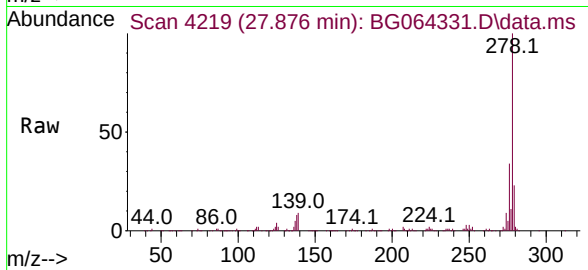
Tgt Ion:278 Resp: 520245
 Ion Ratio Lower Upper
 278 100
 139 8.5 9.0 13.4
 279 22.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#92

Benzo(g,h,i)perylene

Concen: 47.637 ng

RT: 28.869 min Scan# 4388

Delta R.T. -0.065 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Tgt Ion:276 Resp: 512258
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.2 27.4
 138 11.0 13.3 19.9

