

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064689.D
 Acq On : 5 Nov 2025 17:22
 Operator : RC/JU
 Sample : PB170325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170325BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	36059	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	146386	20.000	ng	#-0.02
39) Acenaphthene-d10	14.828	164	129747	20.000	ng	-0.02
64) Phenanthrene-d10	17.566	188	334598	20.000	ng	#-0.02
76) Chrysene-d12	21.837	240	282873	20.000	ng	-0.02
86) Perylene-d12	25.169	264	290190	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	261943	121.931	ng	-0.01
7) Phenol-d6	7.348	99	363184	123.201	ng	0.00
23) Nitrobenzene-d5	9.370	82	234753	96.320	ng	-0.02
42) 2,4,6-Tribromophenol	16.308	330	304559	162.636	ng	-0.01
45) 2-Fluorobiphenyl	13.459	172	694067	81.083	ng	-0.02
79) Terphenyl-d14	20.157	244	1380264	92.083	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	24681	25.950	ng	98
3) Pyridine	3.976	79	73023	25.567	ng	93
4) n-Nitrosodimethylamine	3.882	42	55045	35.938	ng	98
6) Aniline	7.519	93	119717	29.845	ng	97
8) 2-Chlorophenol	7.766	128	104798	46.606	ng	92
9) Benzaldehyde	7.325	77	44107	27.406	ng	95
10) Phenol	7.372	94	143127	43.902	ng	93
11) bis(2-Chloroethyl)ether	7.607	93	86031	35.892	ng	96
12) 1,3-Dichlorobenzene	8.095	146	106359	41.096	ng	93
13) 1,4-Dichlorobenzene	8.241	146	107691	40.923	ng	98
14) 1,2-Dichlorobenzene	8.565	146	105575	41.594	ng	99
15) Benzyl Alcohol	8.435	79	108556	44.657	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239313	38.063	ng	98
17) 2-Methylphenol	8.635	107	103290	47.719	ng	95
18) Hexachloroethane	9.305	117	38652	41.855	ng	92
19) n-Nitroso-di-n-propyla...	9.011	70	87690	43.042	ng	99
20) 3+4-Methylphenols	8.964	107	139809	45.929	ng	97
22) Acetophenone	9.029	105	183853	45.945	ng	97
24) Nitrobenzene	9.411	77	126476	47.711	ng	95
25) Isophorone	9.939	82	248626	42.513	ng	99
26) 2-Nitrophenol	10.127	139	57733	55.895	ng	# 95
27) 2,4-Dimethylphenol	10.180	122	117833	54.167	ng	97
28) bis(2-Chloroethoxy)met...	10.421	93	138809	41.687	ng	97
29) 2,4-Dichlorophenol	10.668	162	125512	53.612	ng	98
30) 1,2,4-Trichlorobenzene	10.891	180	124907	46.958	ng	98
31) Naphthalene	11.079	128	340585	41.964	ng	99
32) Benzoic acid	10.321	122	84081	50.280	ng	98
33) 4-Chloroaniline	11.173	127	76921	24.384	ng	98
34) Hexachlorobutadiene	11.373	225	94907	45.623	ng	90
35) Caprolactam	11.955	113	40681m	45.306	ng	
36) 4-Chloro-3-methylphenol	12.284	107	146146	51.934	ng	98
37) 2-Methylnaphthalene	12.672	142	245159	41.142	ng	95
38) 1-Methylnaphthalene	12.889	142	256593m	43.498	ng	
40) 1,2,4,5-Tetrachloroben...	13.036	216	207229	47.591	ng	100
41) Hexachlorocyclopentadiene	13.024	237	236064	120.444	ng	97
43) 2,4,6-Trichlorophenol	13.265	196	130419	52.361	ng	95

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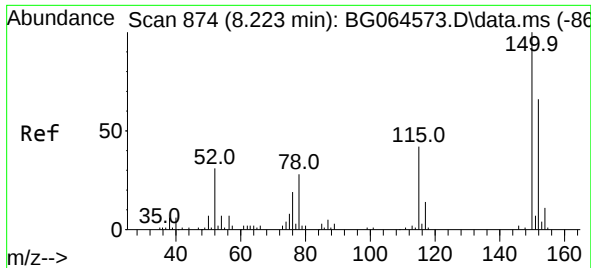
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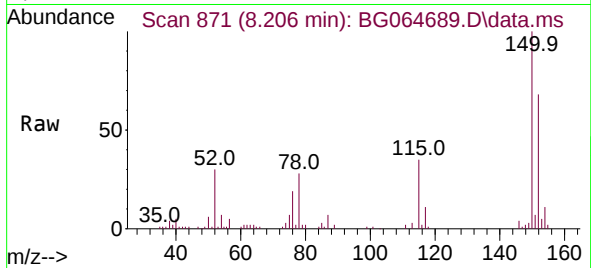
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	145864	50.747	ng	96
46) 1,1'-Biphenyl	13.670	154	432828	46.923	ng	97
47) 2-Chloronaphthalene	13.712	162	293774	42.193	ng	99
48) 2-Nitroaniline	13.900	65	115078	49.150	ng	94
49) Acenaphthylene	14.552	152	539701	49.143	ng	99
50) Dimethylphthalate	14.276	163	449328	45.258	ng	99
51) 2,6-Dinitrotoluene	14.387	165	91757	55.479	ng	98
52) Acenaphthene	14.893	154	363979	48.509	ng	99
53) 3-Nitroaniline	14.722	138	65814	38.573	ng	# 97
54) 2,4-Dinitrophenol	14.922	184	107905	105.440	ng	# 39
55) Dibenzofuran	15.227	168	534282	44.044	ng	98
56) 4-Nitrophenol	15.016	139	124501	78.703	ng	92
57) 2,4-Dinitrotoluene	15.175	165	136996	53.701	ng	# 98
58) Fluorene	15.874	166	431114	45.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.445	232	155978	56.749	ng	97
60) Diethylphthalate	15.633	149	457847	45.165	ng	100
61) 4-Chlorophenyl-phenyle...	15.862	204	252138	47.425	ng	98
62) 4-Nitroaniline	15.880	138	84230	44.374	ng	93
63) Azobenzene	16.150	77	401235	43.138	ng	98
65) 4,6-Dinitro-2-methylph...	15.938	198	82566	55.165	ng	93
66) n-Nitrosodiphenylamine	16.068	169	404720	44.778	ng	97
67) 4-Bromophenyl-phenylether	16.749	248	189180	47.711	ng	98
68) Hexachlorobenzene	16.873	284	220693	48.788	ng	98
69) Atrazine	17.008	200	182744	46.983	ng	97
70) Pentachlorophenol	17.213	266	222596	78.912	ng	93
71) Phenanthrene	17.613	178	774558	42.331	ng	99
72) Anthracene	17.701	178	794598	42.690	ng	100
73) Carbazole	17.959	167	619754	37.759	ng	98
74) Di-n-butylphthalate	18.512	149	760380	40.062	ng	99
75) Fluoranthene	19.605	202	856537	37.367	ng	97
77) Benzidine	19.769	184	177192	27.959	ng	99
78) Pyrene	19.963	202	848468	45.909	ng	99
80) Butylbenzylphthalate	20.838	149	256975	46.005	ng	95
81) Benzo(a)anthracene	21.820	228	823118	43.885	ng	99
82) 3,3'-Dichlorobenzidine	21.726	252	209663	33.475	ng	98
83) Chrysene	21.884	228	772178	43.267	ng	98
84) Bis(2-ethylhexyl)phtha...	21.720	149	364780	43.705	ng	# 97
85) Di-n-octyl phthalate	22.971	149	630615	44.813	ng	97
87) Indeno(1,2,3-cd)pyrene	28.988	276	994936	46.607	ng	# 94
88) Benzo(b)fluoranthene	24.111	252	838466	47.120	ng	98
89) Benzo(k)fluoranthene	24.182	252	836840	46.996	ng	98
90) Benzo(a)pyrene	25.010	252	794276	48.559	ng	# 98
91) Dibenzo(a,h)anthracene	29.058	278	827775	47.729	ng	96
92) Benzo(g,h,i)perylene	30.180	276	800901	48.342	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

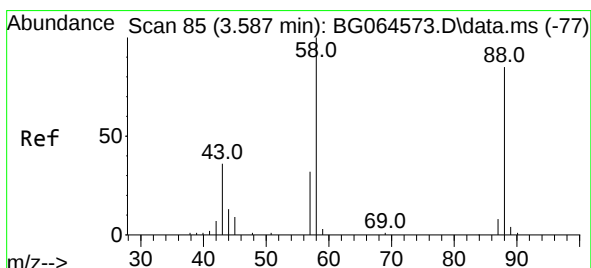
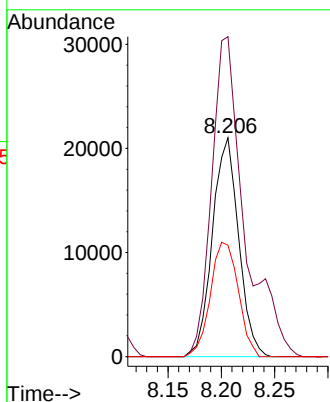
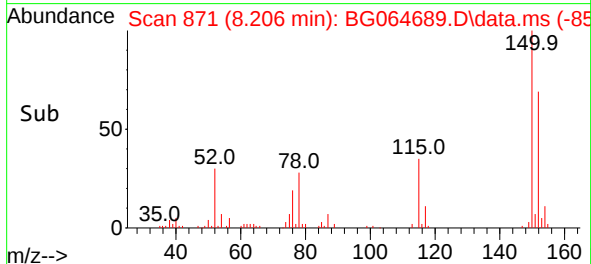
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:152 Resp: 36059
Ion Ratio Lower Upper
152 100
150 146.3 122.2 183.4
115 50.9 50.8 76.2

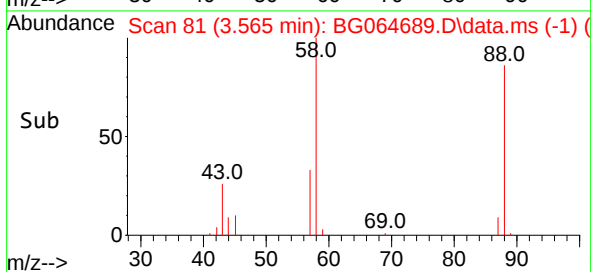
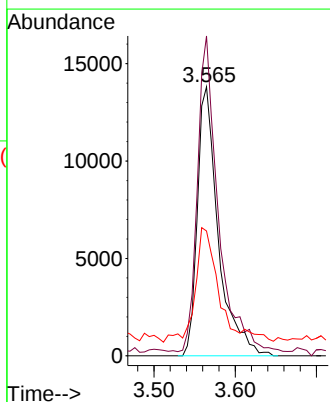
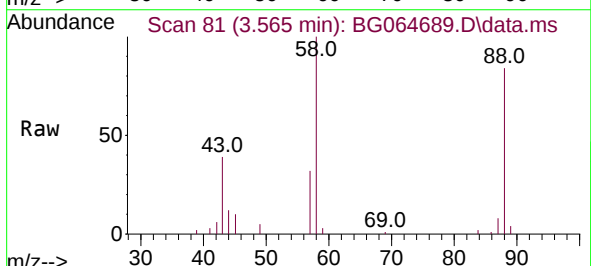
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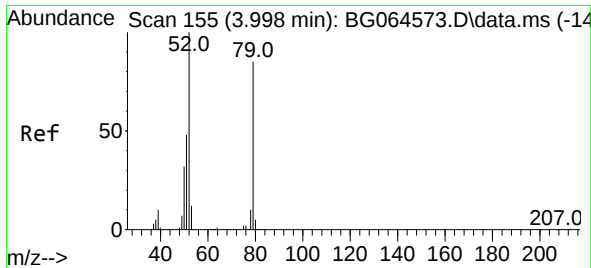
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 25.950 ng
RT: 3.565 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

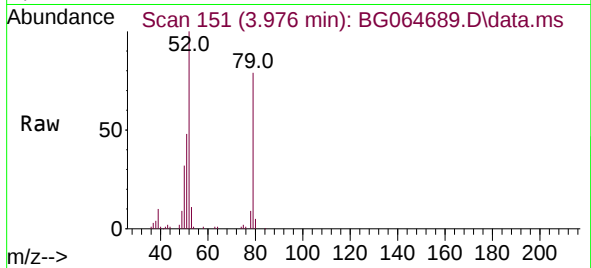
Tgt Ion: 88 Resp: 24681
Ion Ratio Lower Upper
88 100
58 116.3 92.4 138.6
43 45.1 33.0 49.6





#3
Pyridine
Concen: 25.567 ng
RT: 3.976 min Scan# 111
Delta R.T. -0.022 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

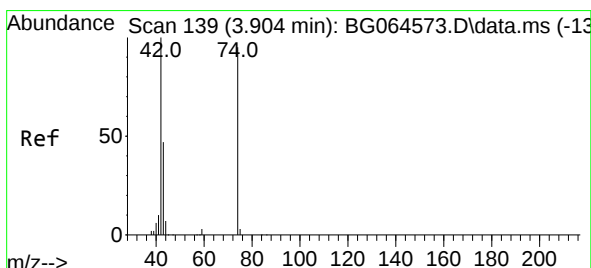
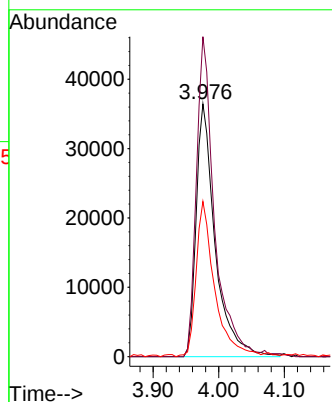
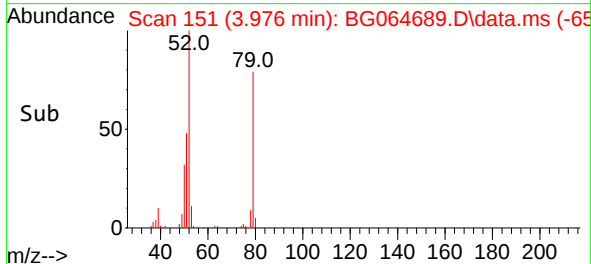
Instrument :
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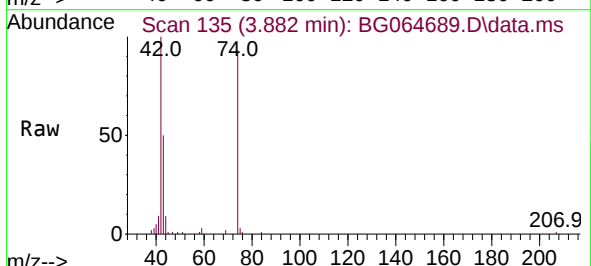
Tgt Ion: 79 Resp: 73023
Ion Ratio Lower Upper
79 100
52 126.6 94.2 141.2
51 61.4 46.1 69.1

Manual Integrations
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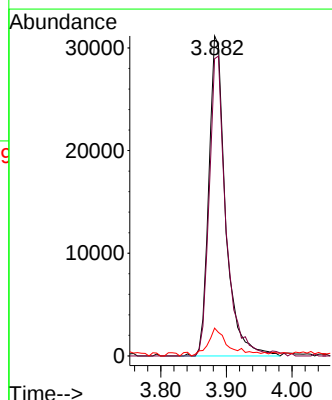
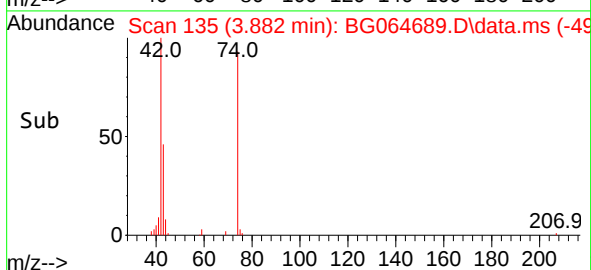
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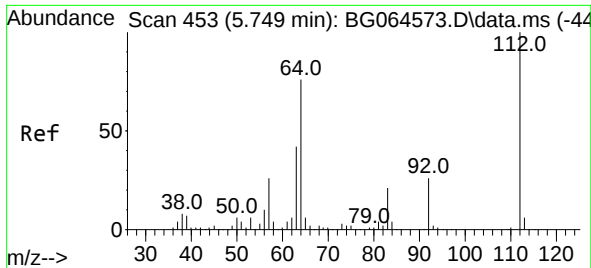


#4
n-Nitrosodimethylamine
Concen: 35.938 ng
RT: 3.882 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion: 42 Resp: 55045
Ion Ratio Lower Upper
42 100
74 92.9 76.1 114.1
44 8.7 6.3 9.5





#5
2-Fluorophenol
Concen: 121.931 ng
RT: 5.739 min Scan# 411
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

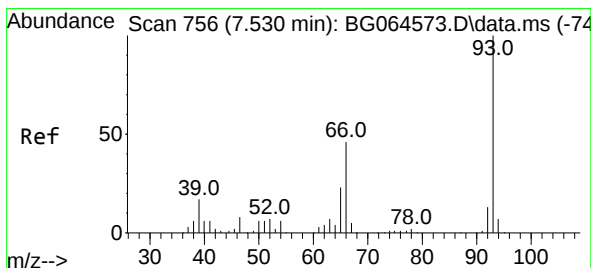
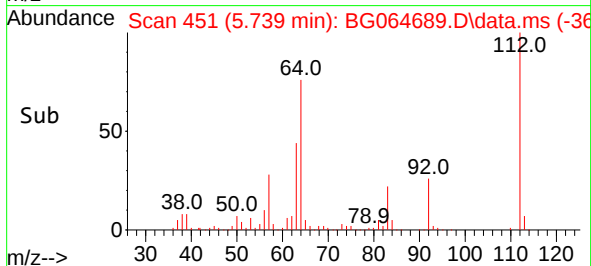
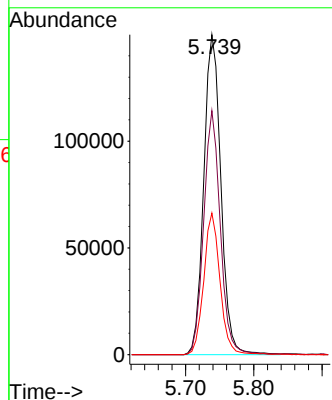
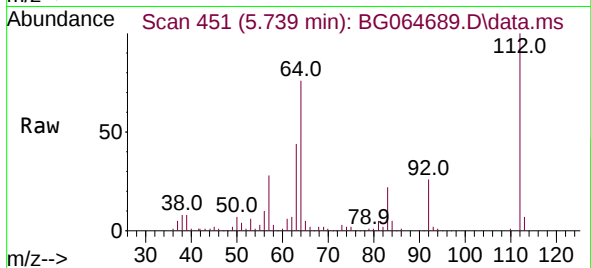
Tgt Ion:112 Resp: 261943
Ion Ratio Lower Upper
112 100
64 76.2 60.7 91.1
63 44.2 33.4 50.0

Manual Integrations

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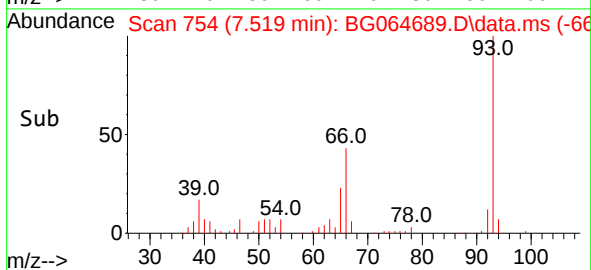
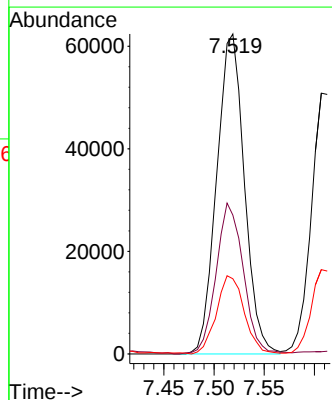
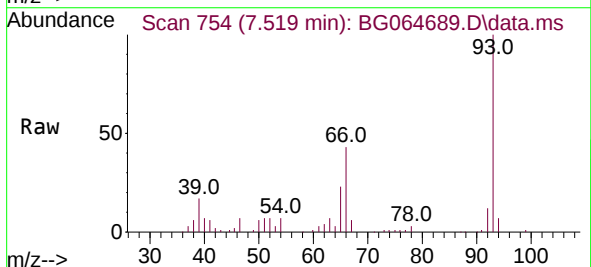
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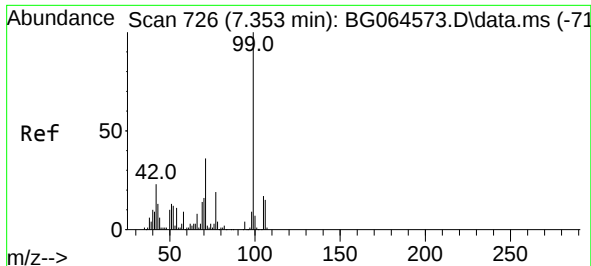
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 29.845 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

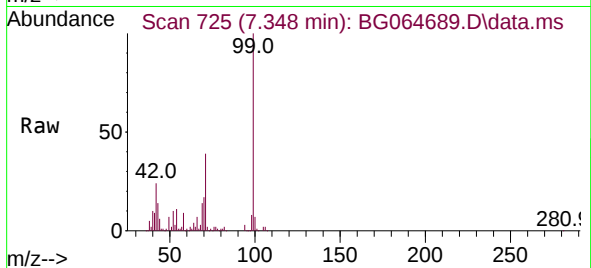
Tgt Ion: 93 Resp: 119717
Ion Ratio Lower Upper
93 100
66 43.4 37.0 55.6
65 23.5 18.3 27.5





#7
Phenol-d6
Concen: 123.201 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

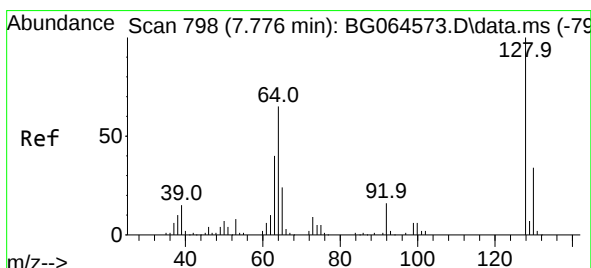
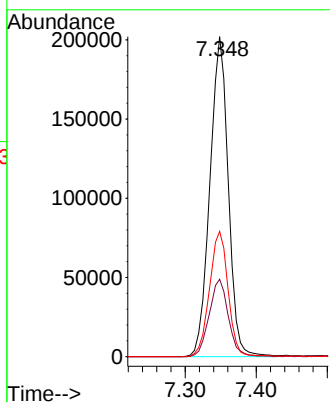
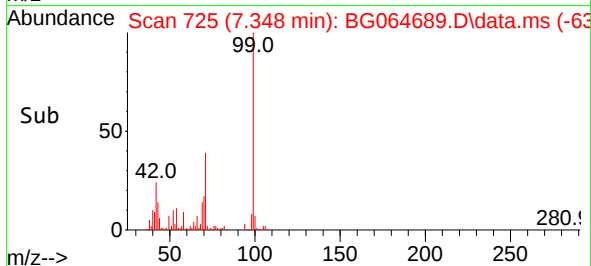
Instrument :
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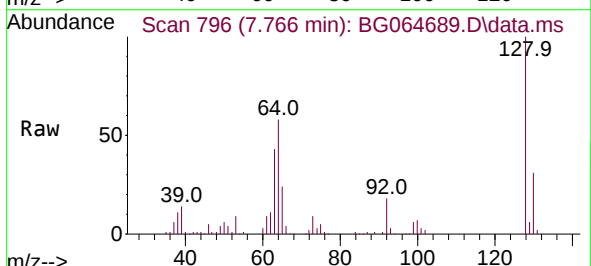
Tgt Ion: 99 Resp: 363184
Ion Ratio Lower Upper
99 100
42 24.2 18.3 27.5
71 39.1 28.6 43.0

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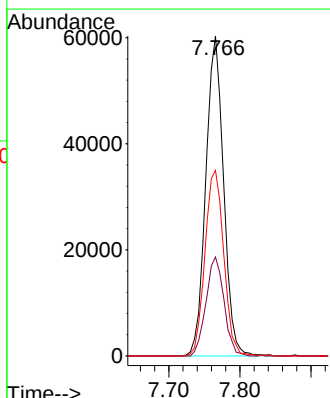
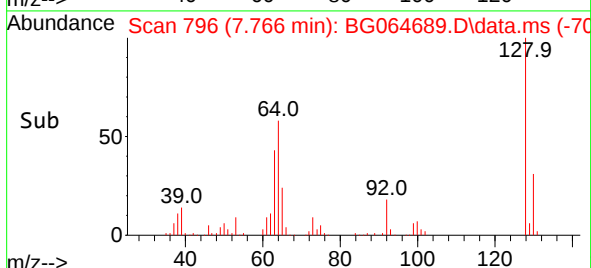
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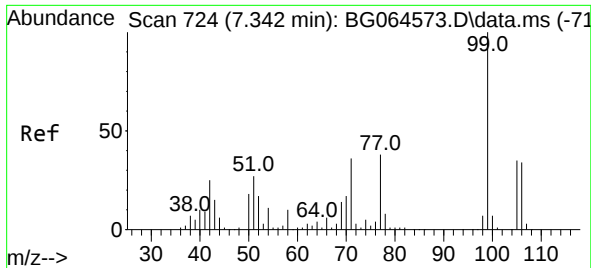


#8
2-Chlorophenol
Concen: 46.606 ng
RT: 7.766 min Scan# 796
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:128 Resp: 104798
Ion Ratio Lower Upper
128 100
130 31.0 13.5 53.5
64 58.0 45.2 85.2





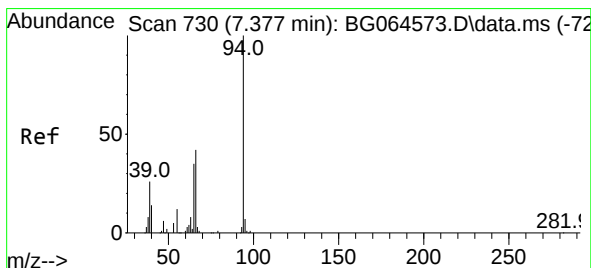
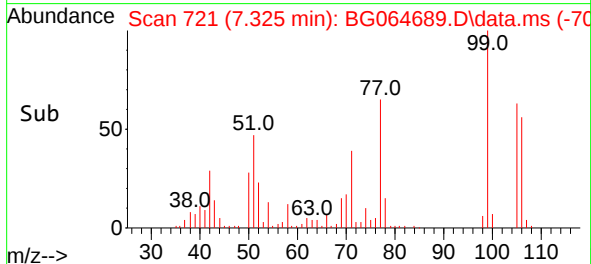
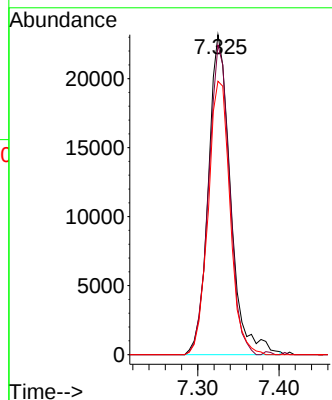
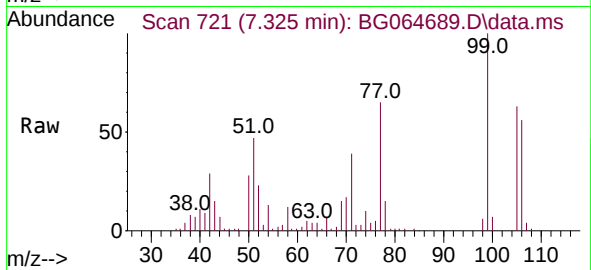
#9
Benzaldehyde
Concen: 27.406 ng
RT: 7.325 min Scan# 71
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :
PB170325BS

Tgt Ion: 77 Resp: 4410
Ion Ratio Lower Upper
77 100
105 96.8 72.9 112.9
106 85.4 70.8 110.8

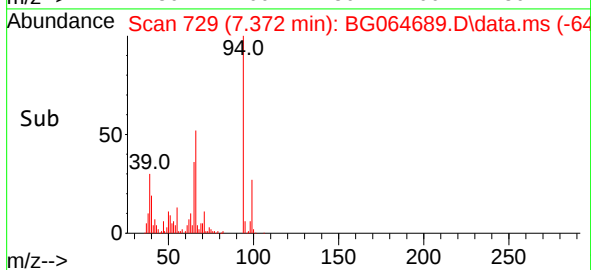
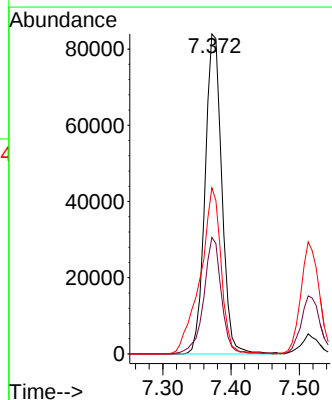
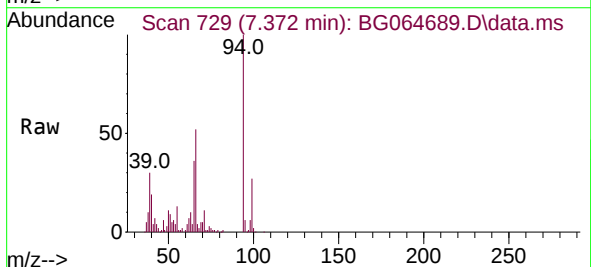
Manual Integrations
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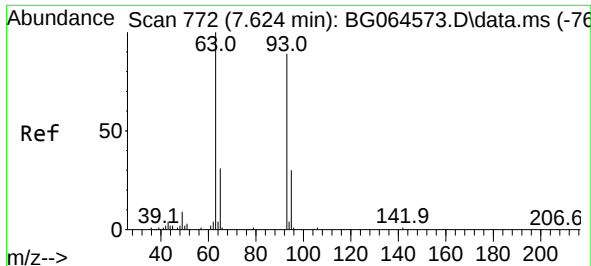
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 43.902 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

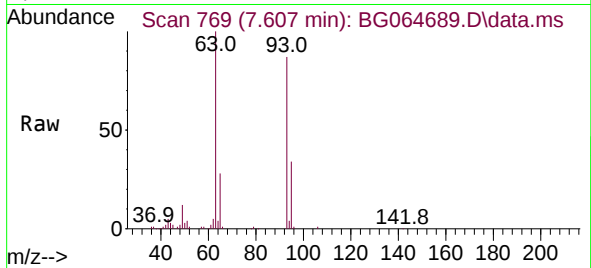
Tgt Ion: 94 Resp: 143127
Ion Ratio Lower Upper
94 100
65 36.4 15.8 55.8
66 51.9 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 35.892 ng
RT: 7.607 min Scan# 70
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

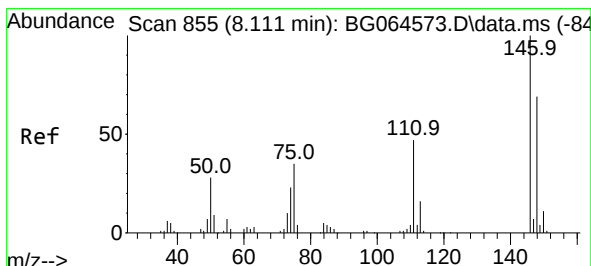
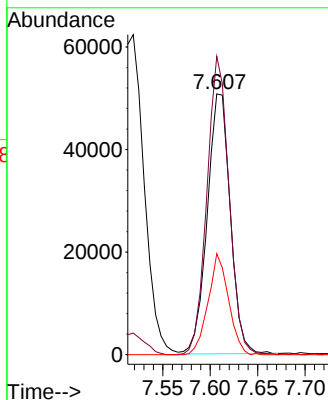
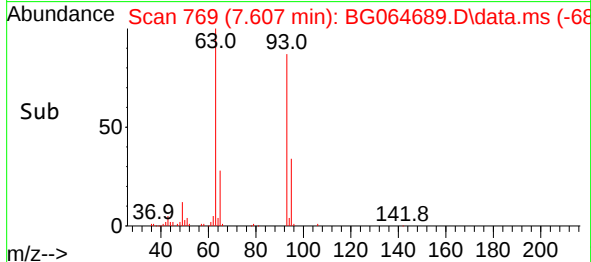
Instrument :
BNA_G
ClientSampleId :
PB170325BS



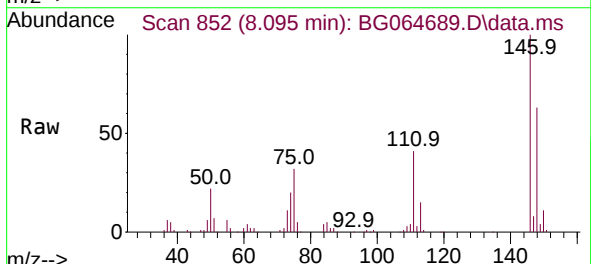
Tgt Ion: 93 Resp: 8603
Ion Ratio Lower Upper
93 100
63 114.4 91.3 131.3
95 38.7 13.3 53.3

Manual Integrations
APPROVED

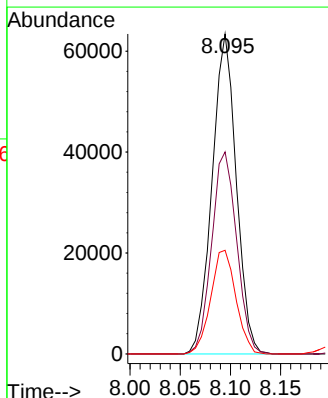
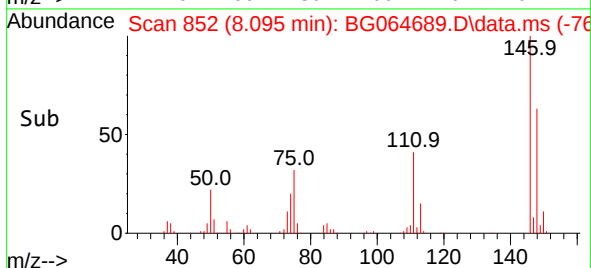
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

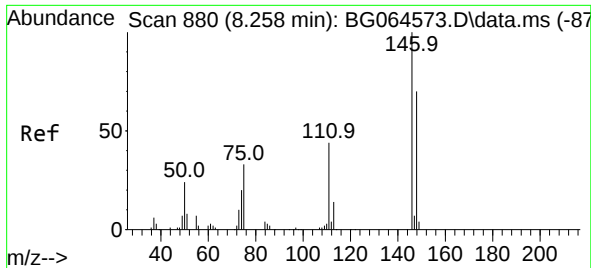


#12
1,3-Dichlorobenzene
Concen: 41.096 ng
RT: 8.095 min Scan# 852
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



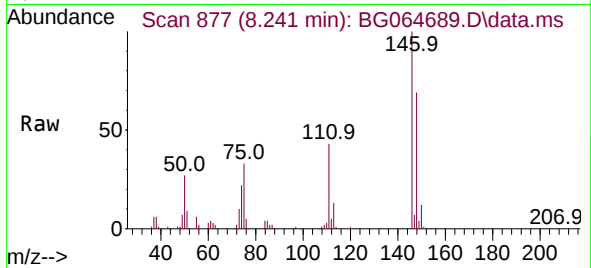
Tgt Ion:146 Resp: 106359
Ion Ratio Lower Upper
146 100
148 63.1 55.3 82.9
75 32.4 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 40.923 ng
RT: 8.241 min Scan# 811
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

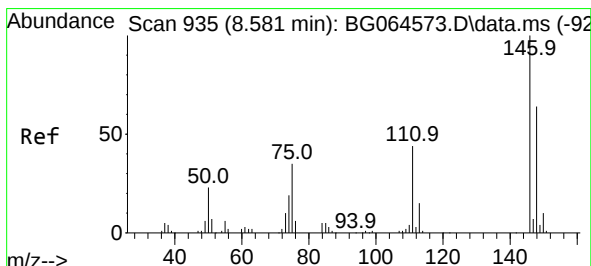
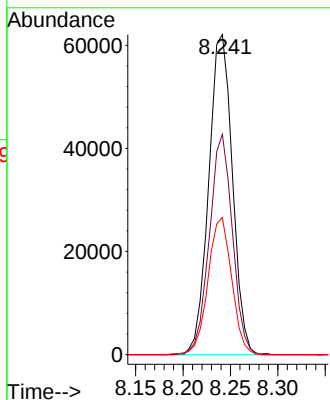
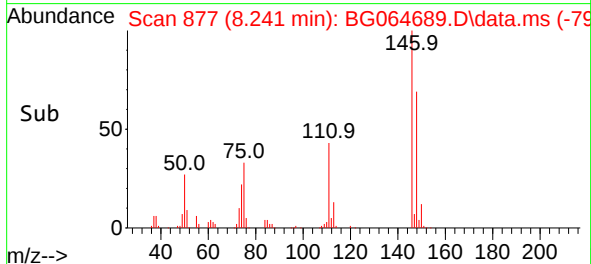
Instrument :
BNA_G
ClientSampleId :
PB170325BS



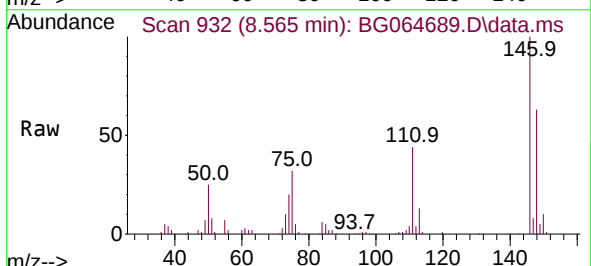
Tgt Ion:146 Resp: 107691
Ion Ratio Lower Upper
146 100
148 68.9 56.2 84.4
111 42.8 35.4 53.0

Manual Integrations
APPROVED

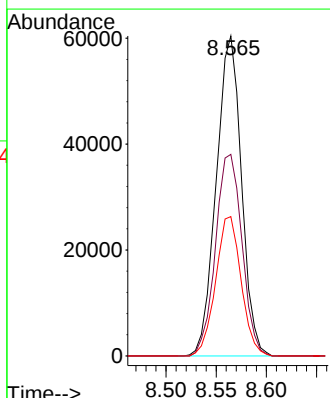
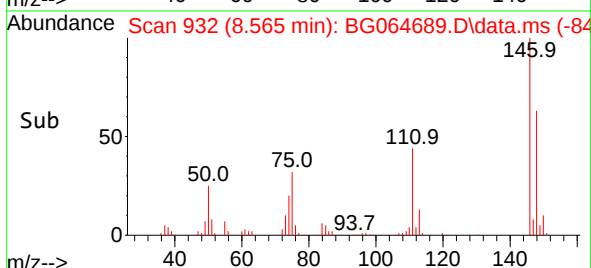
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

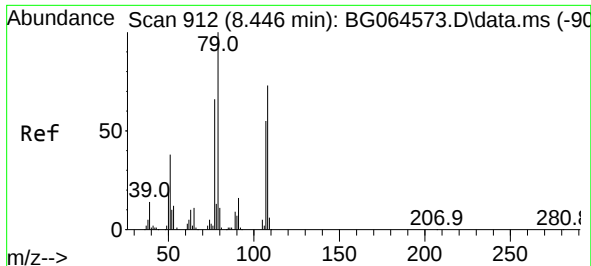


#14
1,2-Dichlorobenzene
Concen: 41.594 ng
RT: 8.565 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



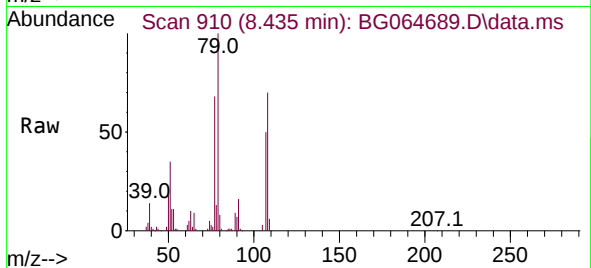
Tgt Ion:146 Resp: 105575
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 43.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 44.657 ng
RT: 8.435 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

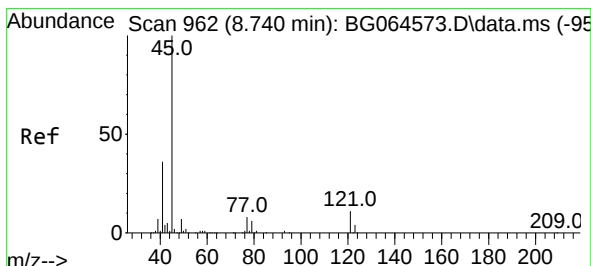
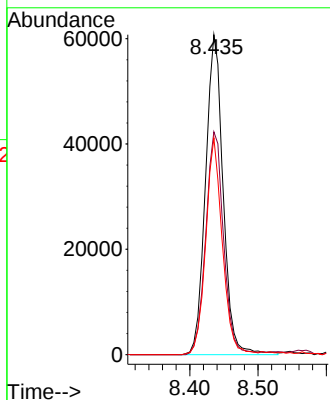
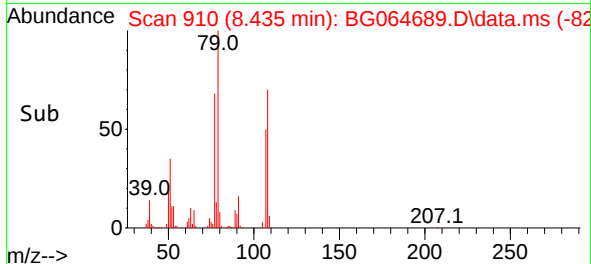
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion: 79 Resp: 108556
Ion Ratio Lower Upper
79 100
108 69.6 58.1 87.1
77 67.7 52.8 79.2

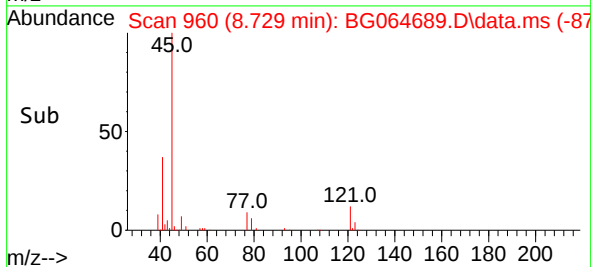
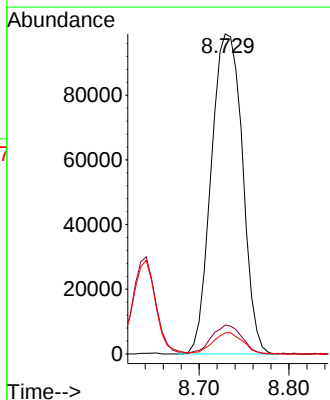
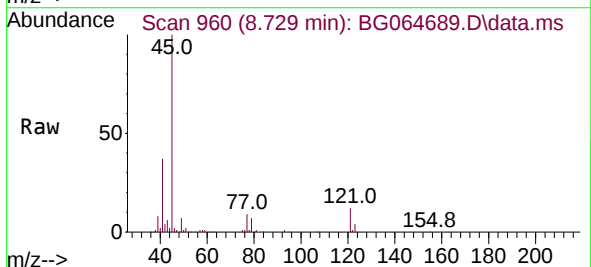
Manual Integrations
APPROVED

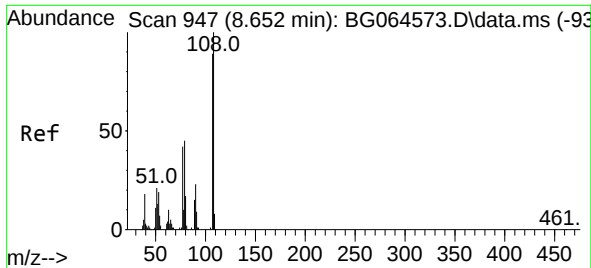
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.063 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

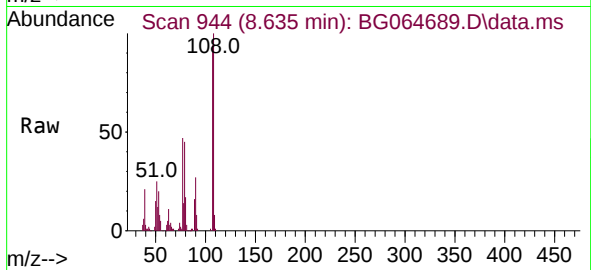
Tgt Ion: 45 Resp: 239313
Ion Ratio Lower Upper
45 100
77 9.0 0.0 28.5
79 6.6 0.0 25.6





#17
2-Methylphenol
Concen: 47.719 ng
RT: 8.635 min Scan# 947
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

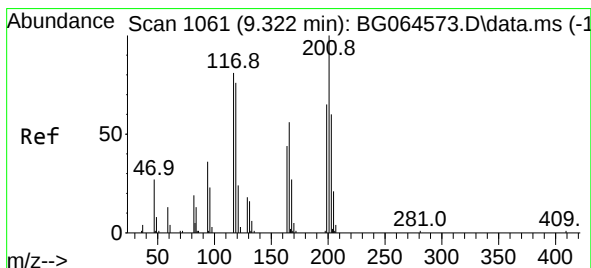
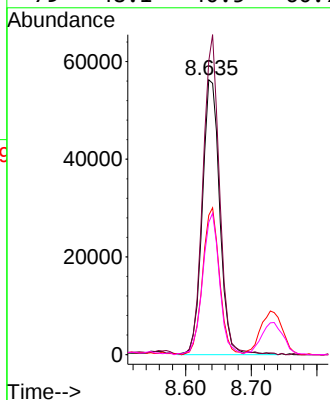
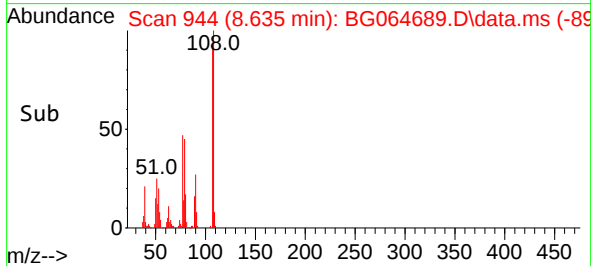
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:107 Resp: 103290
Ion Ratio Lower Upper
107 100
108 106.9 90.0 135.0
77 50.7 37.8 56.8
79 48.1 40.5 60.7

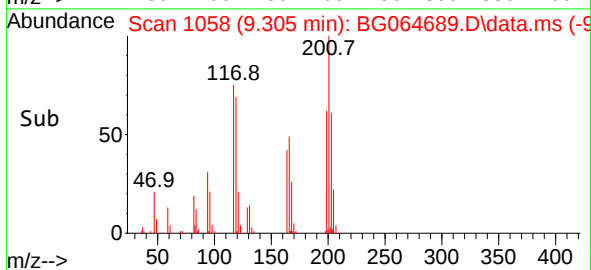
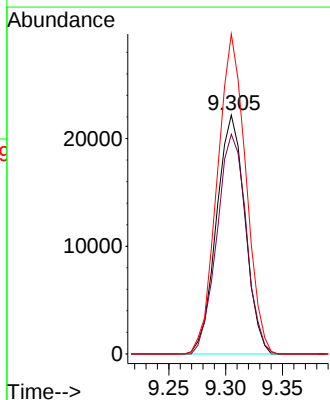
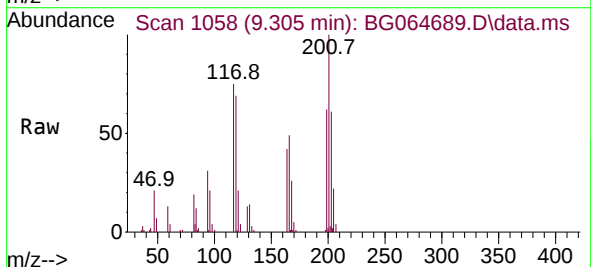
Manual Integrations
APPROVED

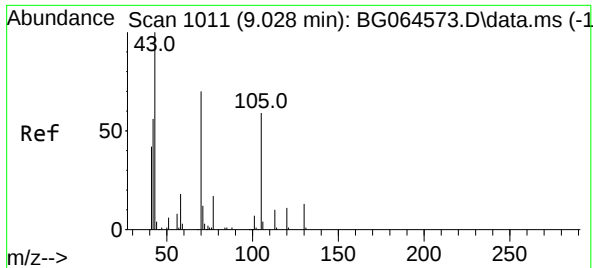
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 41.855 ng
RT: 9.305 min Scan# 1058
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

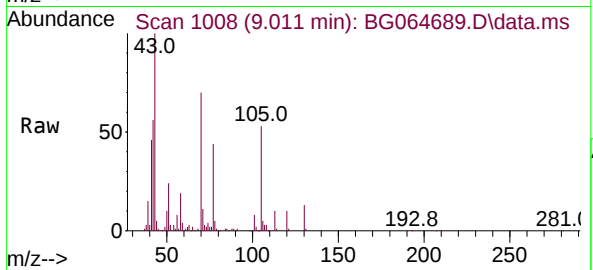
Tgt Ion:117 Resp: 38652
Ion Ratio Lower Upper
117 100
119 92.9 75.4 113.2
201 138.5 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.042 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

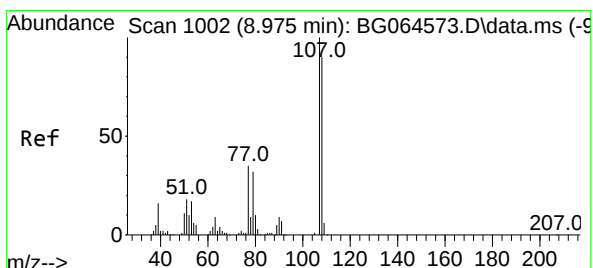
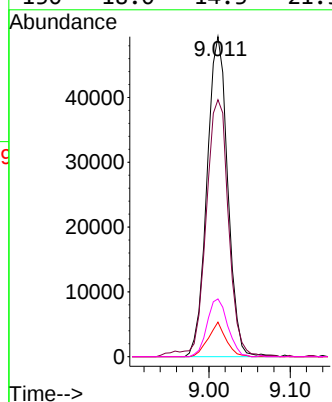
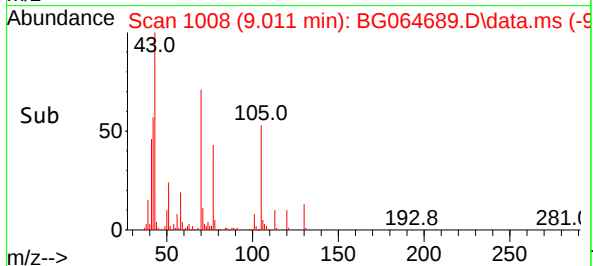
Instrument :
BNA_G
ClientSampleId :
PB170325BS



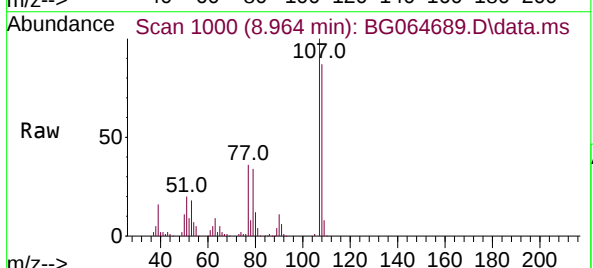
Tgt Ion: 70 Resp: 87690
Ion Ratio Lower Upper
70 100
42 80.3 65.2 97.8
101 10.8 7.9 11.9
130 18.0 14.3 21.5

Manual Integrations
APPROVED

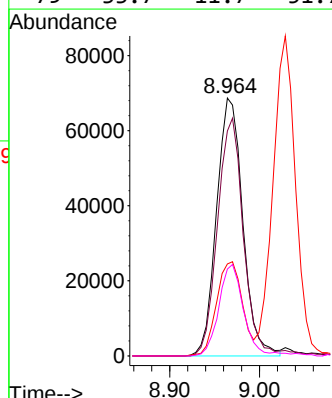
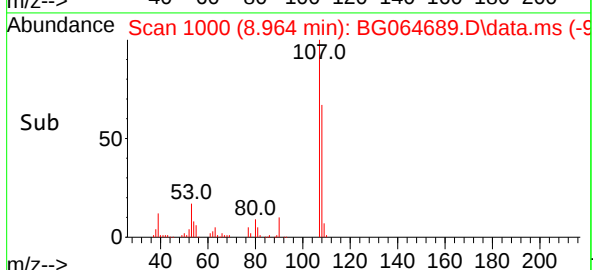
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

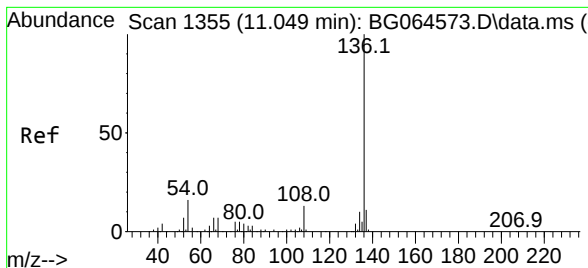


#20
3+4-Methylphenols
Concen: 45.929 ng
RT: 8.964 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:107 Resp: 139809
Ion Ratio Lower Upper
107 100
108 87.2 70.3 110.3
77 35.6 14.6 54.6
79 33.7 11.7 51.7





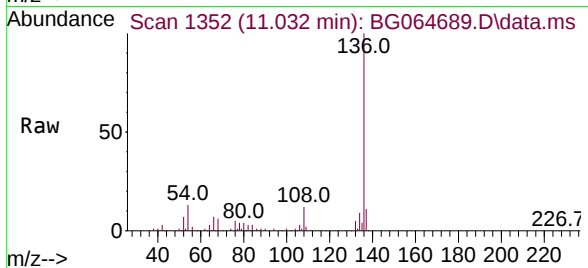
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

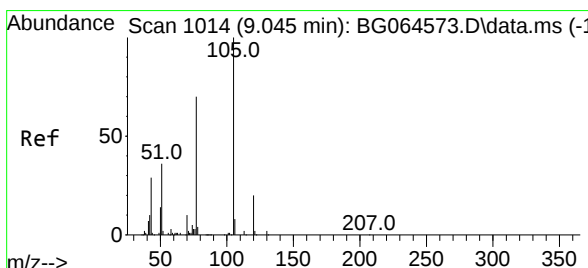
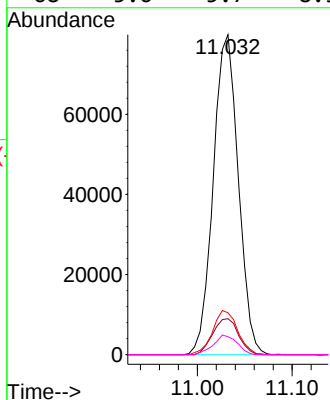
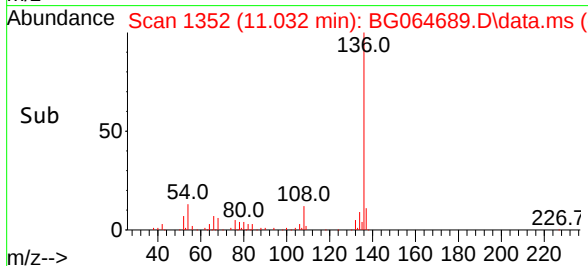


Tgt Ion:136 Resp: 146386
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 13.1 12.6 19.0
68 5.6 5.7 8.5#

Manual Integrations

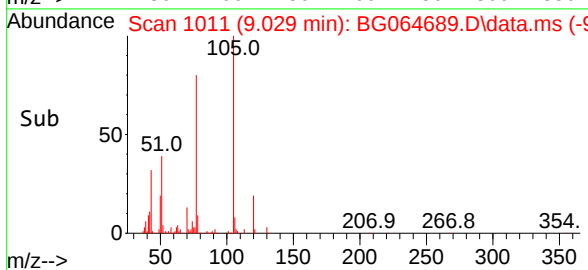
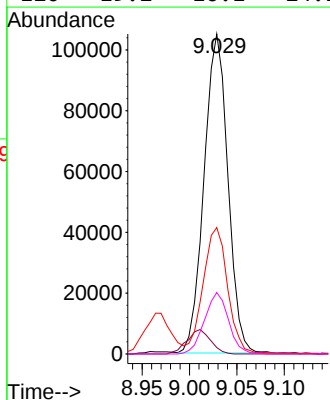
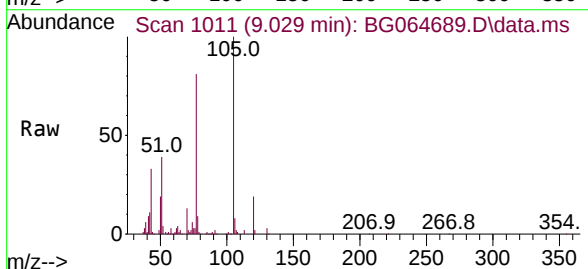
APPROVED

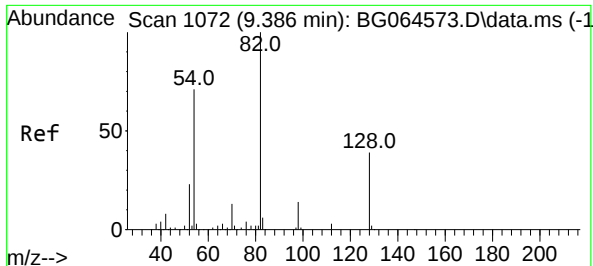
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#22
Acetophenone
Concen: 45.945 ng
RT: 9.029 min Scan# 1011
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:105 Resp: 183853
Ion Ratio Lower Upper
105 100
71 2.0 1.5 2.3
51 39.5 33.7 50.5
120 19.2 16.1 24.1





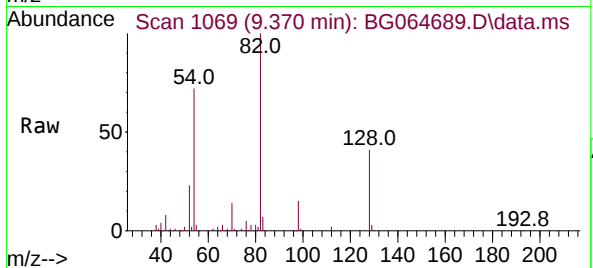
#23
Nitrobenzene-d5
Concen: 96.320 ng
RT: 9.370 min Scan# 1072
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



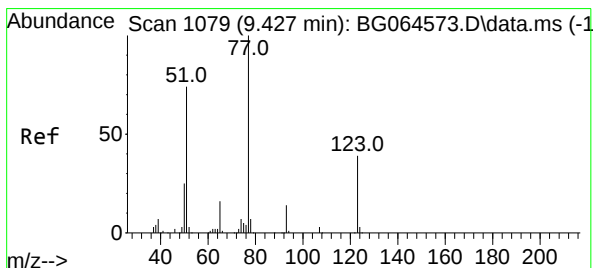
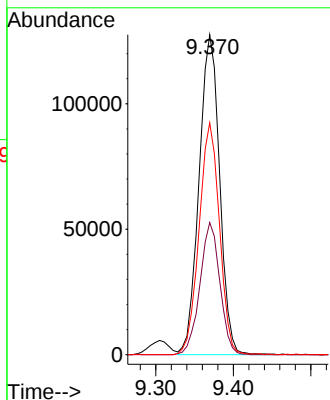
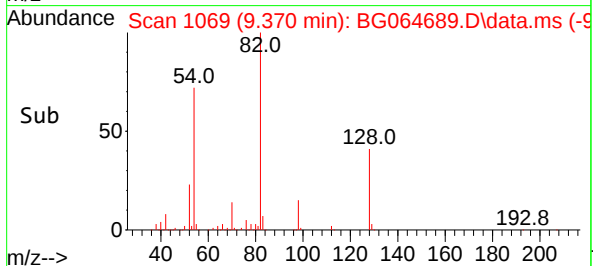
Tgt Ion: 82 Resp: 234753
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 72.4 56.6 84.8

Manual Integrations

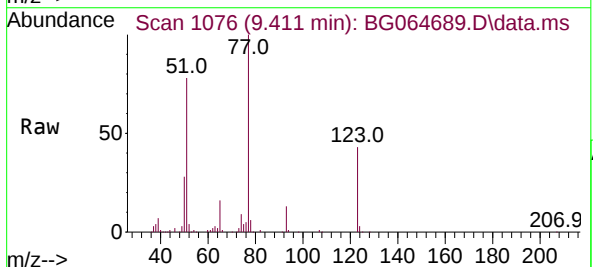
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

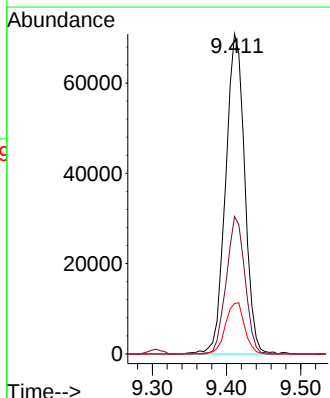
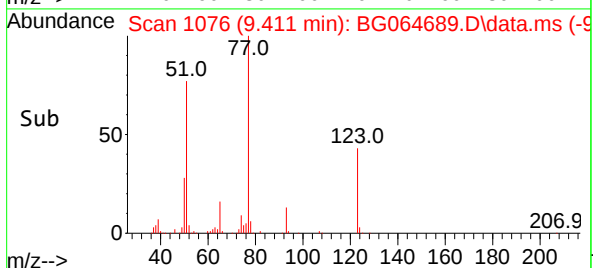
Supervised By :Jagrut Upadhyay 11/06/2025

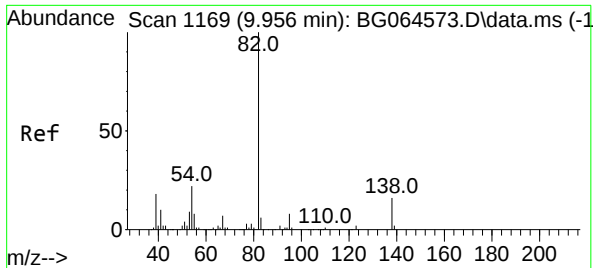


#24
Nitrobenzene
Concen: 47.711 ng
RT: 9.411 min Scan# 1076
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion: 77 Resp: 126476
Ion Ratio Lower Upper
77 100
123 42.9 31.0 46.6
65 15.8 12.7 19.1





#25
Isophorone
Concen: 42.513 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

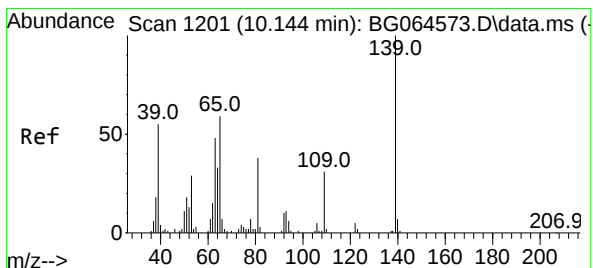
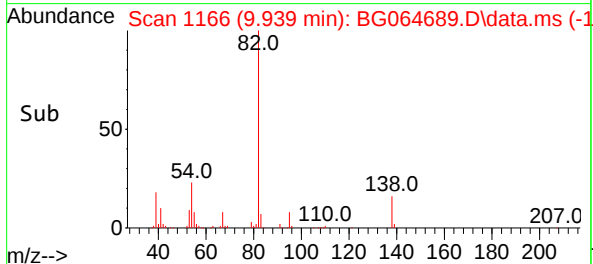
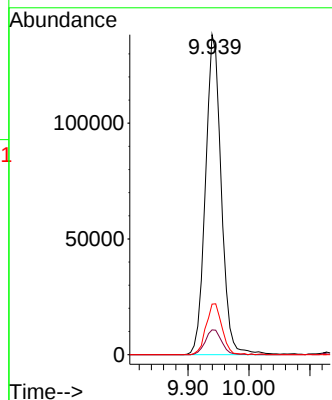
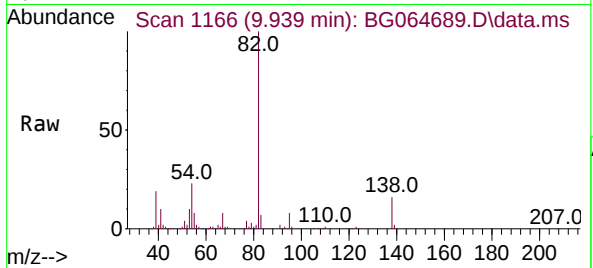
PB170325BS

Tgt Ion: 82 Resp: 248626
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 15.8 13.0 19.4

Manual Integrations

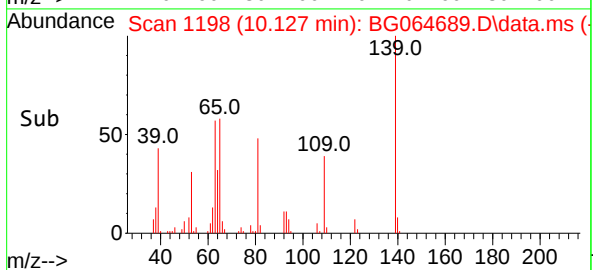
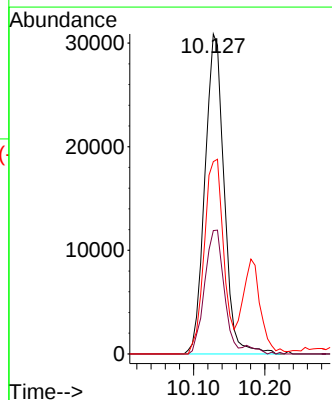
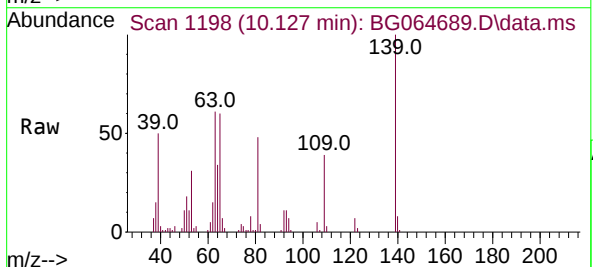
APPROVED

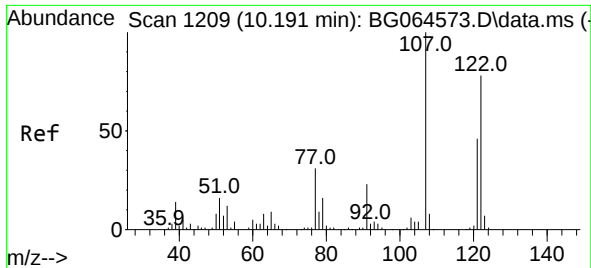
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 55.895 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:139 Resp: 57733
Ion Ratio Lower Upper
139 100
109 38.5 24.6 37.0#
65 60.1 47.5 71.3





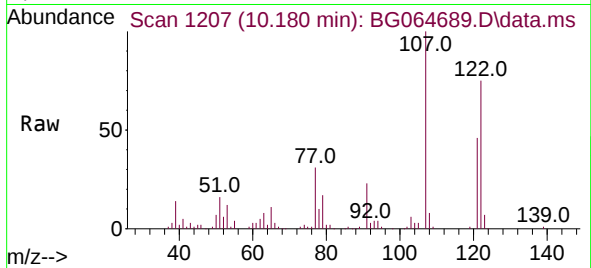
#27
2,4-Dimethylphenol
Concen: 54.167 ng
RT: 10.180 min Scan# 11783
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

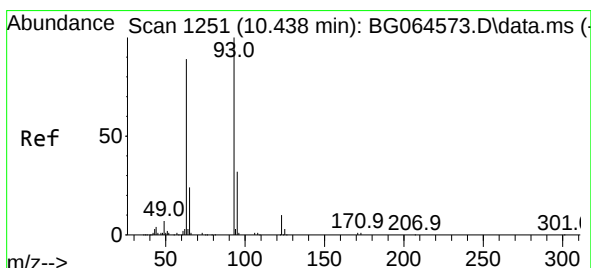
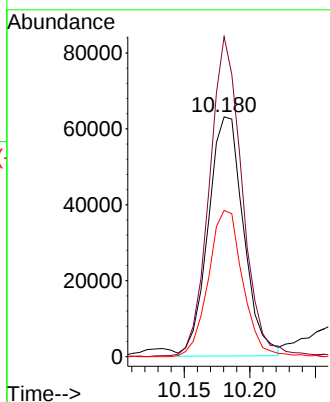
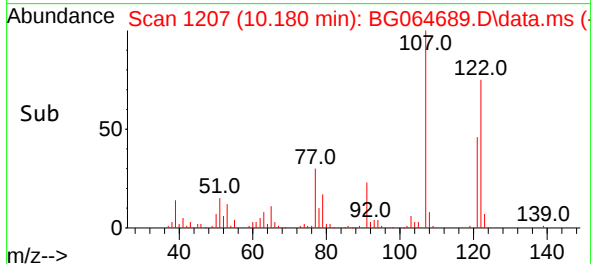


Tgt Ion:122 Resp: 11783
Ion Ratio Lower Upper
122 100
107 133.5 103.0 154.4
121 61.0 47.8 71.8

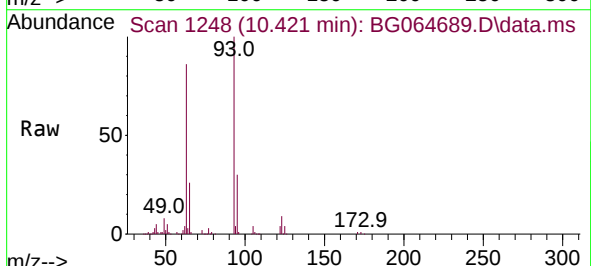
Manual Integrations

APPROVED

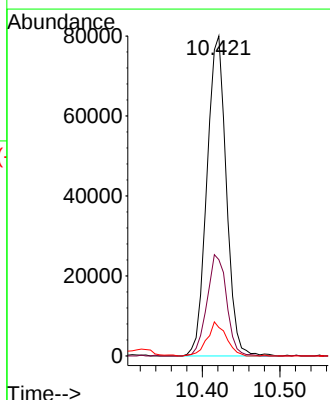
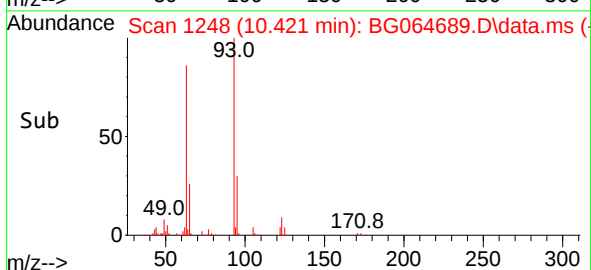
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

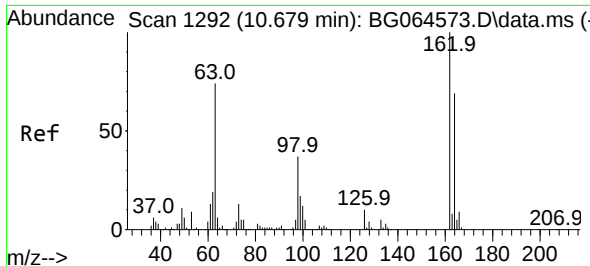


#28
bis(2-Chloroethoxy)methane
Concen: 41.687 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



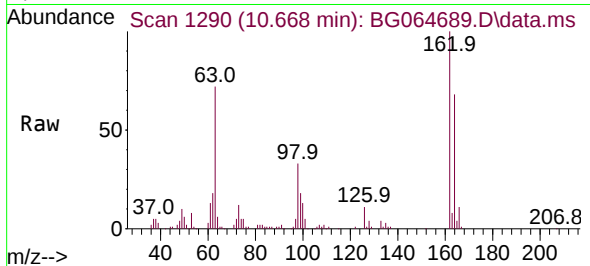
Tgt Ion: 93 Resp: 138809
Ion Ratio Lower Upper
93 100
95 30.1 25.4 38.2
123 8.9 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 53.612 ng
RT: 10.668 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

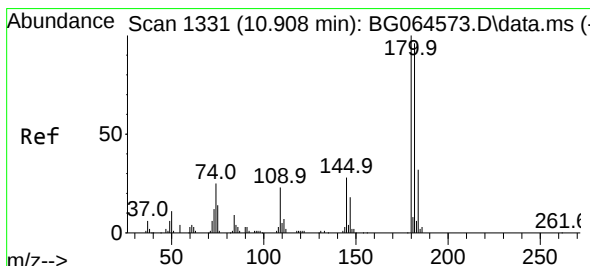
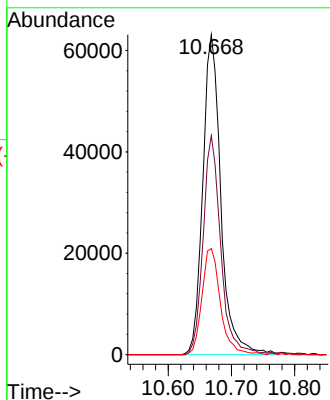
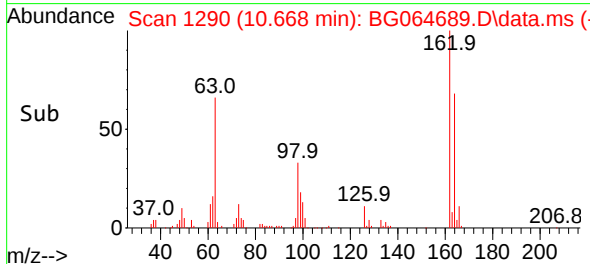
Instrument :
BNA_G
ClientSampleId :
PB170325BS



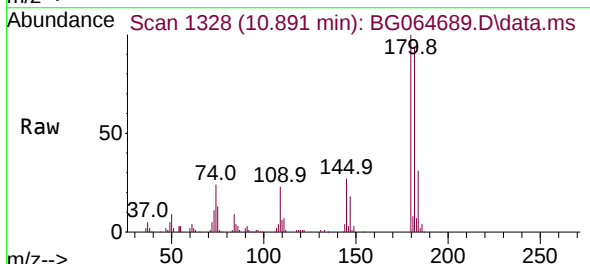
Tgt Ion:162 Resp: 125512
Ion Ratio Lower Upper
162 100
164 68.4 48.7 88.7
98 33.1 16.9 56.9

Manual Integrations
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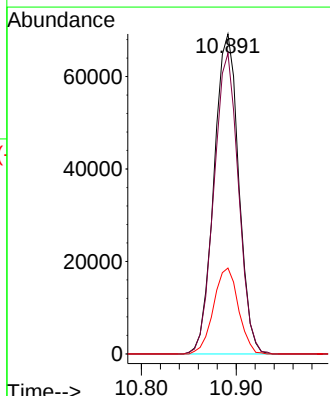
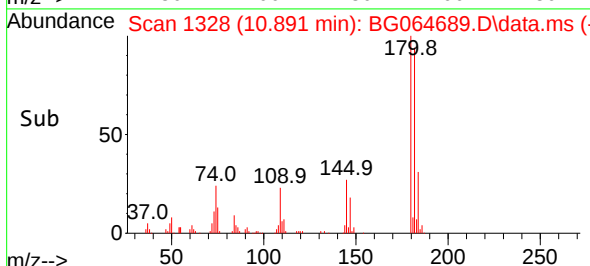
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

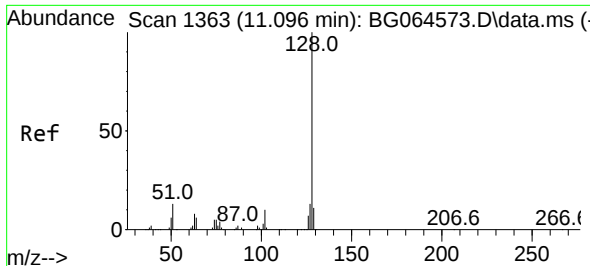


#30
1,2,4-Trichlorobenzene
Concen: 46.958 ng
RT: 10.891 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:180 Resp: 124907
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 26.8 22.1 33.1





#31
Naphthalene
Concen: 41.964 ng
RT: 11.079 min Scan# 1363
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

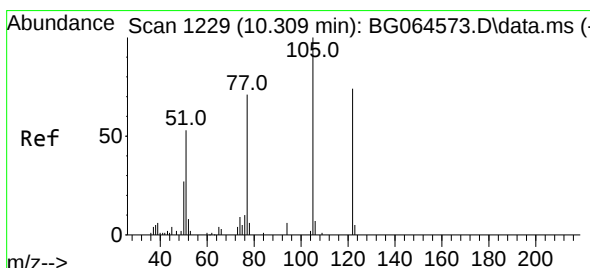
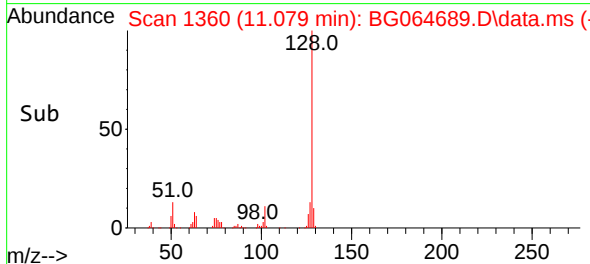
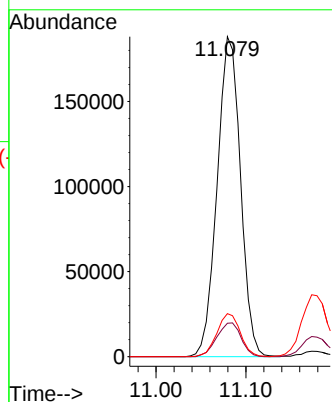
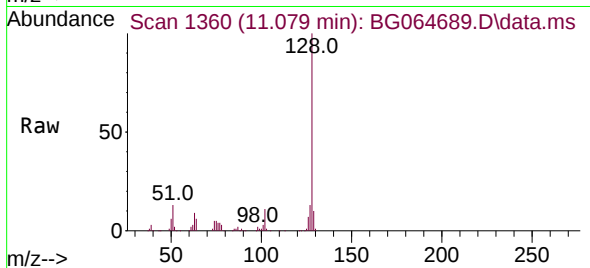
Tgt Ion:128 Resp: 340585
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.6 15.8

Manual Integrations

APPROVED

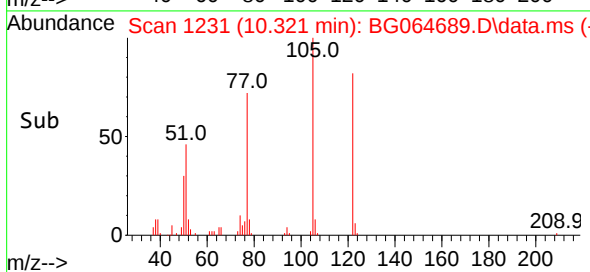
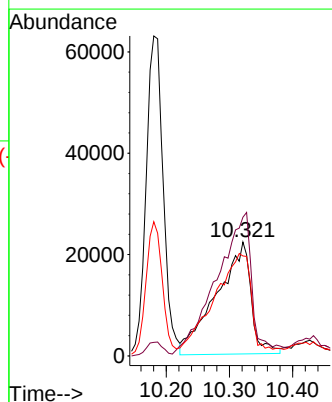
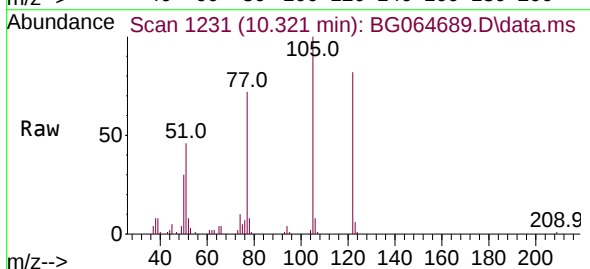
Reviewed By :Rahul Chavli 11/06/2025

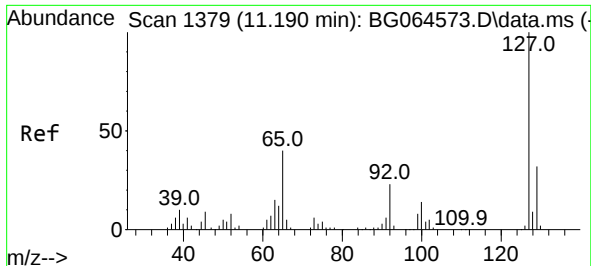
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 50.280 ng
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:122 Resp: 84081
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 87.7 70.2 110.2





#33
4-Chloroaniline
Concen: 24.384 ng
RT: 11.173 min Scan# 1379
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

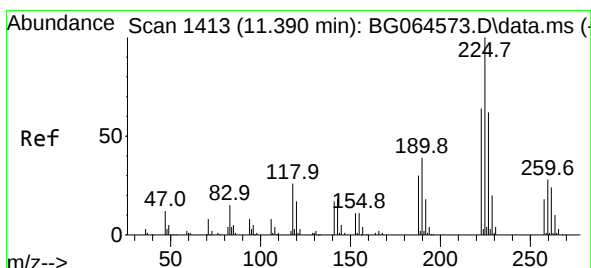
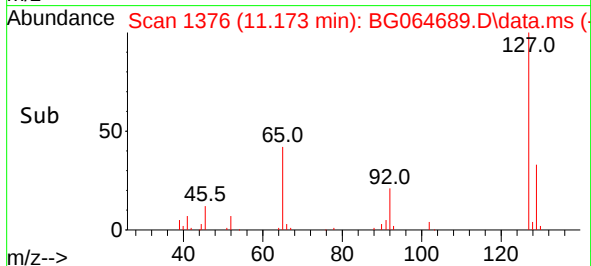
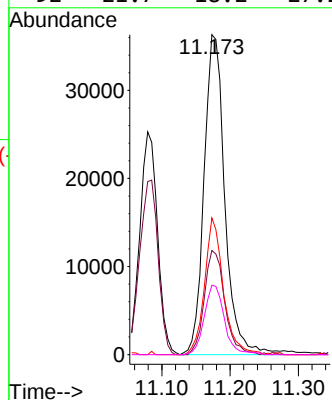
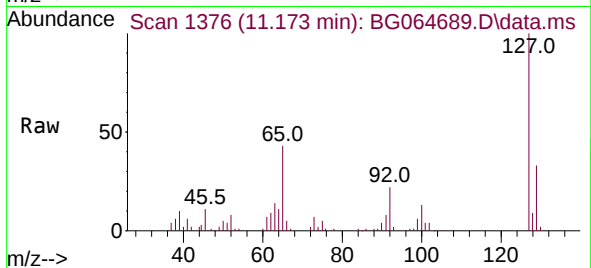
PB170325BS

Tgt Ion:127 Resp: 76921
Ion Ratio Lower Upper
127 100
129 32.5 25.5 38.3
65 42.7 32.2 48.4
92 21.7 18.2 27.2

Manual Integrations

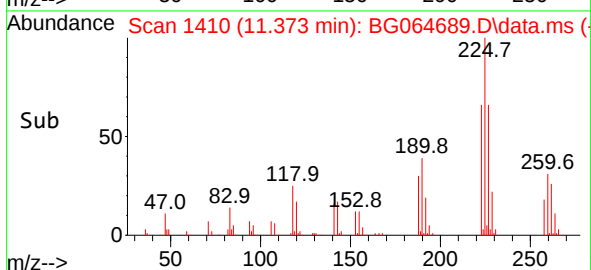
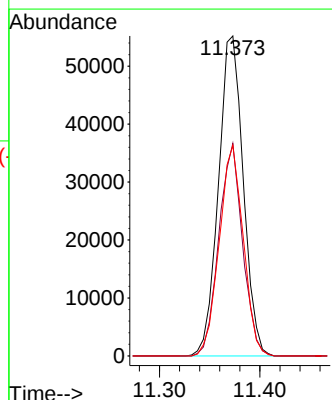
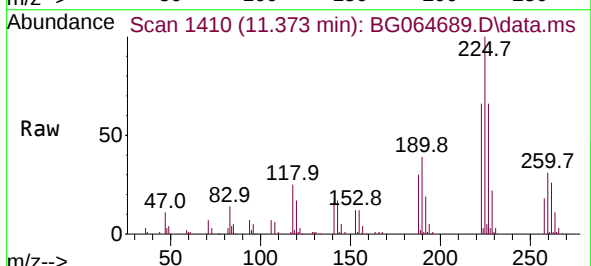
APPROVED

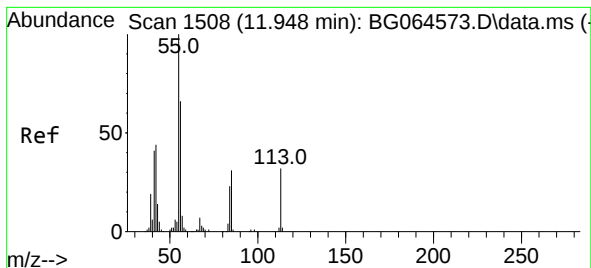
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 45.623 ng
RT: 11.373 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

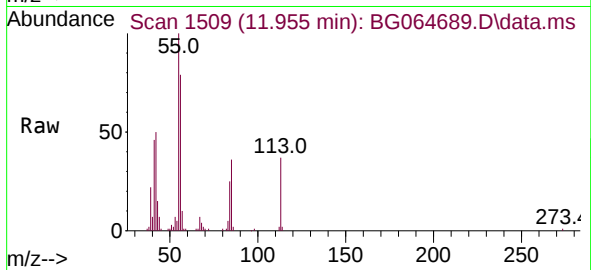
Tgt Ion:225 Resp: 94907
Ion Ratio Lower Upper
225 100
223 69.5 48.8 73.2
227 68.9 49.5 74.3





#35
Caprolactam
Concen: 45.306 ng m
RT: 11.955 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

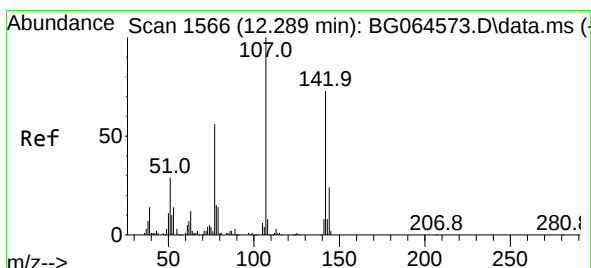
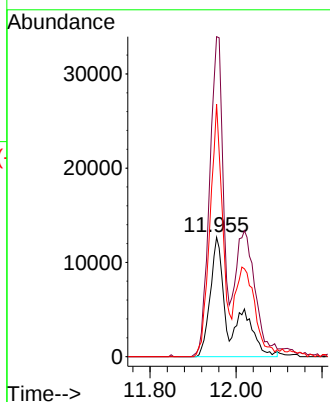
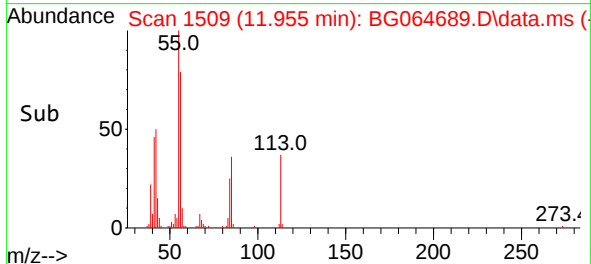
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:113 Resp: 4068
Ion Ratio Lower Upper
113 100
55 268.1 290.1 330.1
56 211.4 183.8 223.8

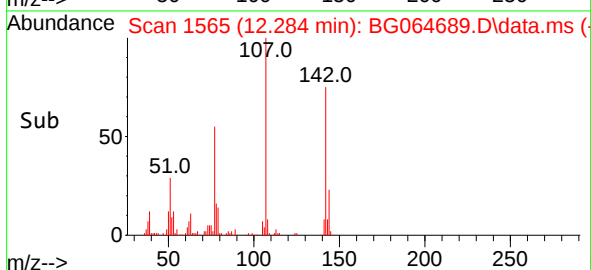
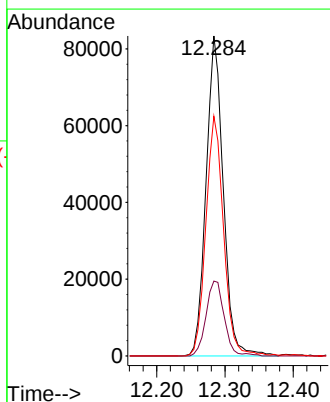
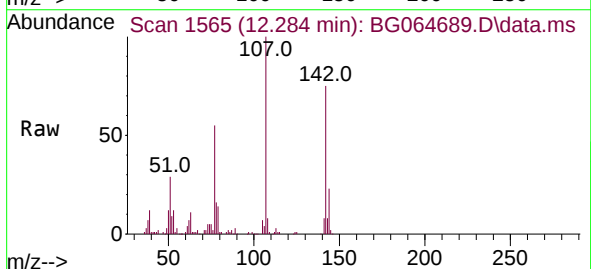
Manual Integrations
APPROVED

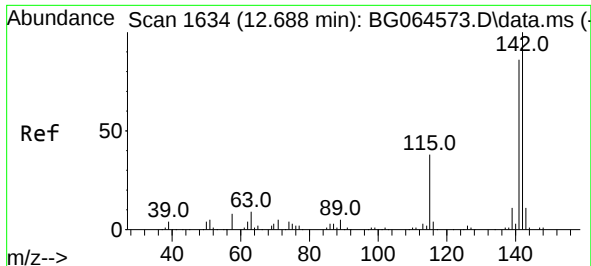
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36
4-Chloro-3-methylphenol
Concen: 51.934 ng
RT: 12.284 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:107 Resp: 146146
Ion Ratio Lower Upper
107 100
144 23.4 19.1 28.7
142 74.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 41.142 ng
RT: 12.672 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

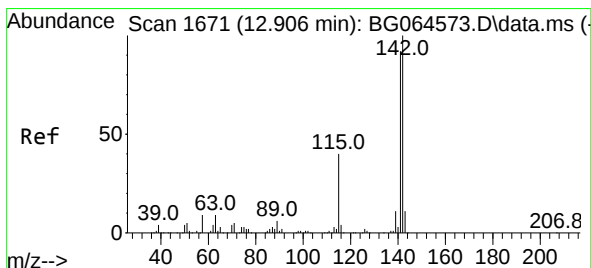
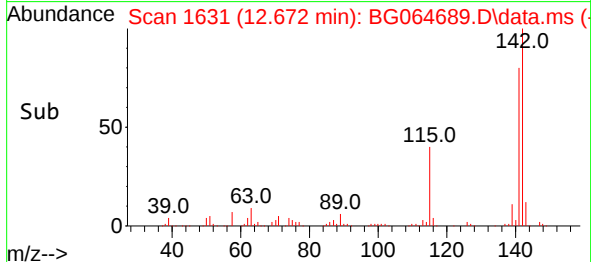
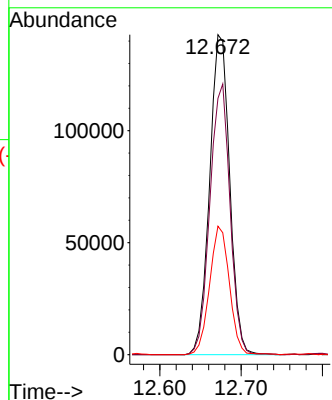
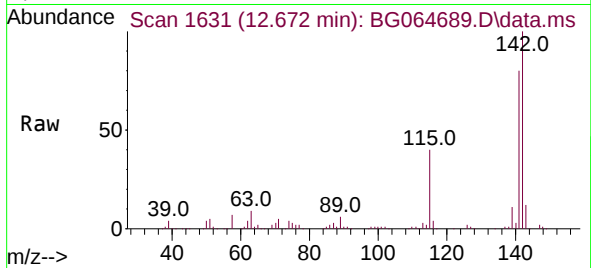
PB170325BS

Tgt Ion:142 Resp: 245159
Ion Ratio Lower Upper
142 100
141 80.1 68.9 103.3
115 40.1 30.6 46.0

Manual Integrations

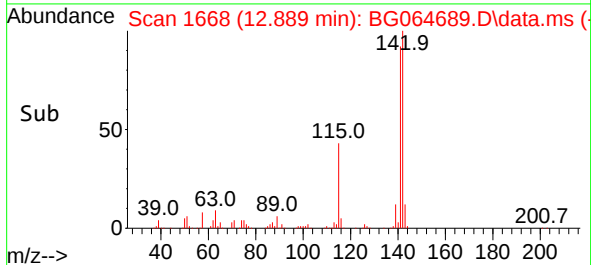
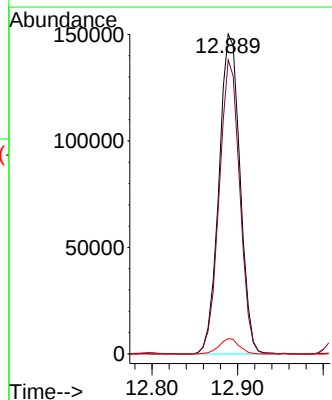
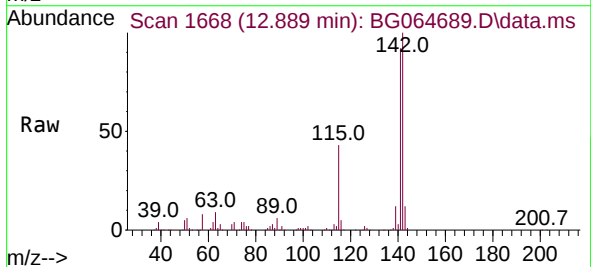
APPROVED

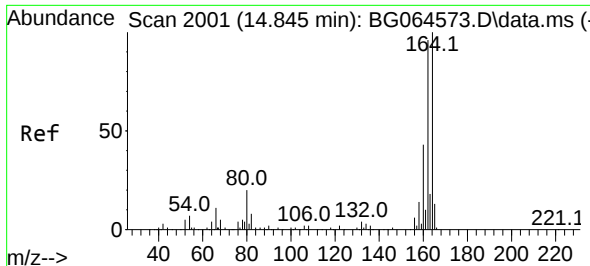
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#38
1-Methylnaphthalene
Concen: 43.498 ng m
RT: 12.889 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

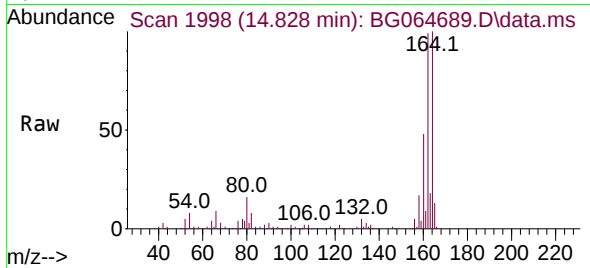
Tgt Ion:142 Resp: 256593
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 4.8 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.828 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

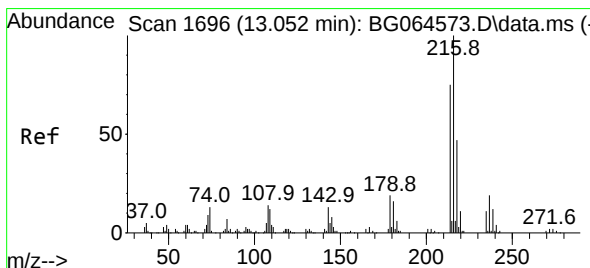
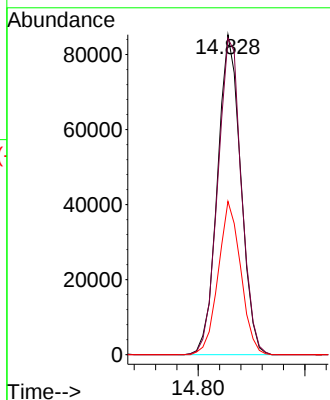
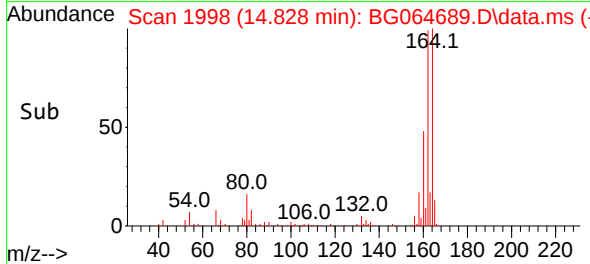
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:164 Resp: 12974
Ion Ratio Lower Upper
164 100
162 98.9 77.0 115.6
160 47.9 34.4 51.6

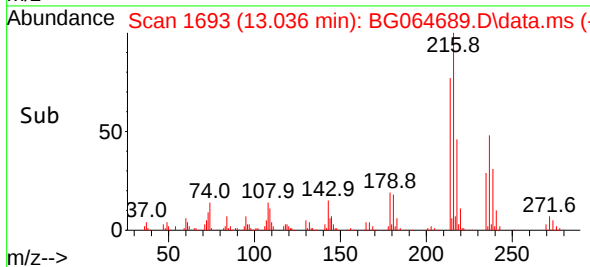
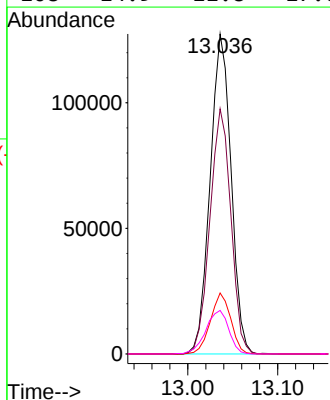
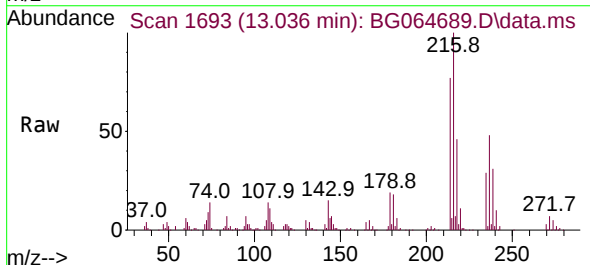
Manual Integrations
APPROVED

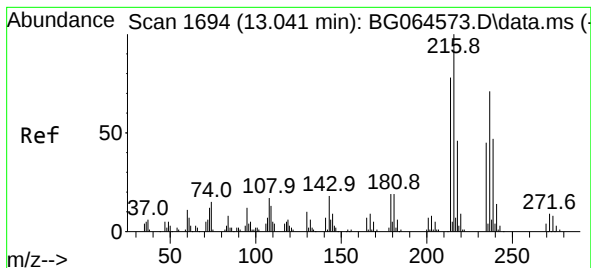
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.591 ng
RT: 13.036 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:216 Resp: 207229
Ion Ratio Lower Upper
216 100
214 76.6 61.4 92.2
179 18.5 15.4 23.0
108 14.9 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 120.444 ng

RT: 13.024 min Scan# 10

Delta R.T. -0.017 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

Tgt Ion:237 Resp: 236064

Ion Ratio Lower Upper

237 100

235 61.9 44.1 84.1

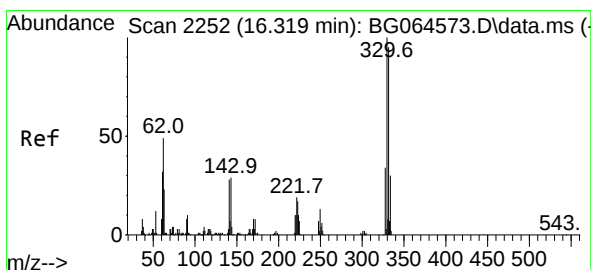
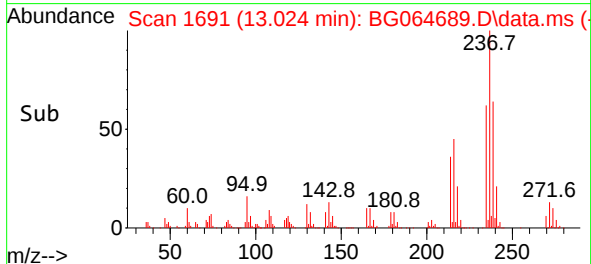
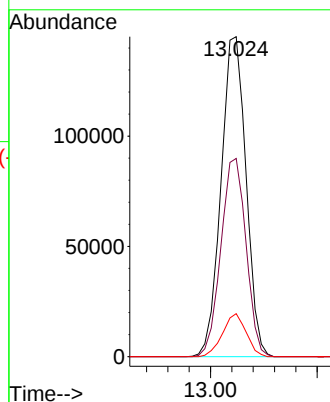
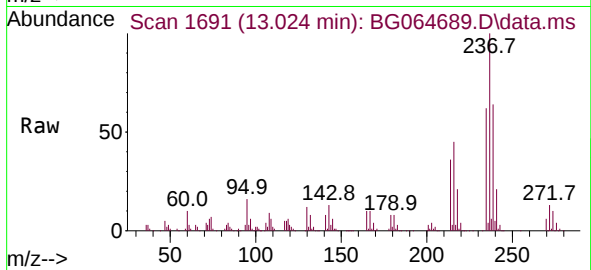
272 13.4 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#42

2,4,6-Tribromophenol

Concen: 162.636 ng

RT: 16.308 min Scan# 2250

Delta R.T. -0.011 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

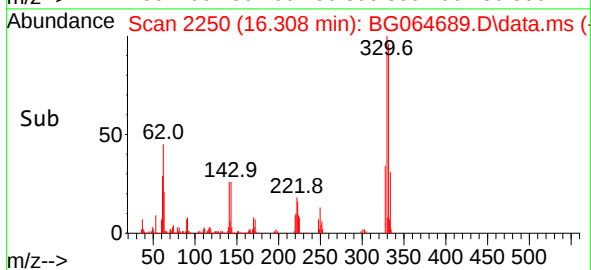
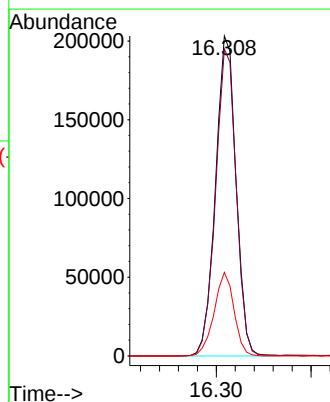
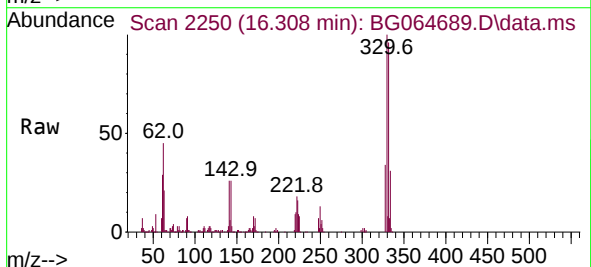
Tgt Ion:330 Resp: 304559

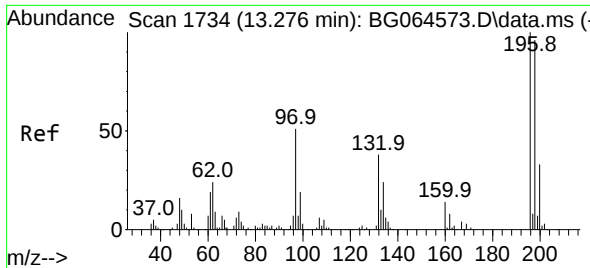
Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 25.3 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 52.361 ng
RT: 13.265 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

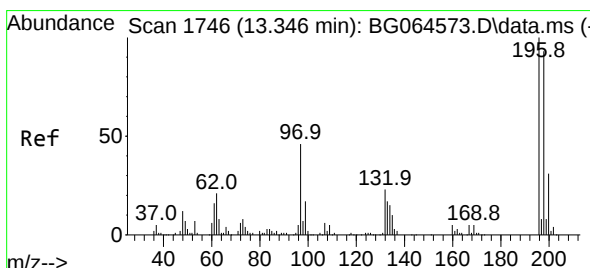
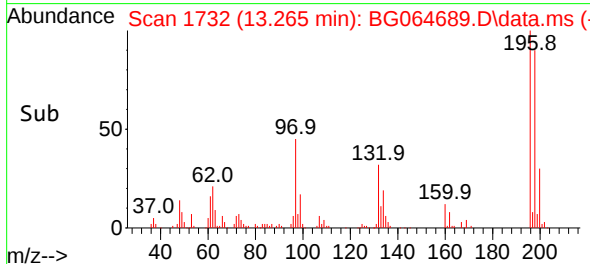
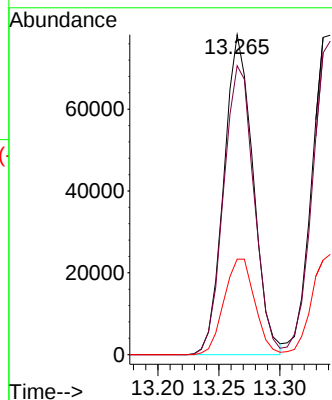
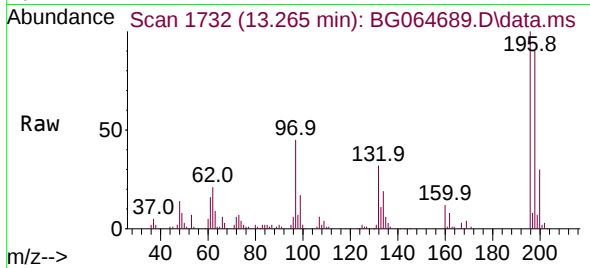
Tgt Ion:196 Resp: 130419
Ion Ratio Lower Upper
196 100
198 90.3 76.6 115.0
200 29.8 26.0 39.0

Manual Integrations

APPROVED

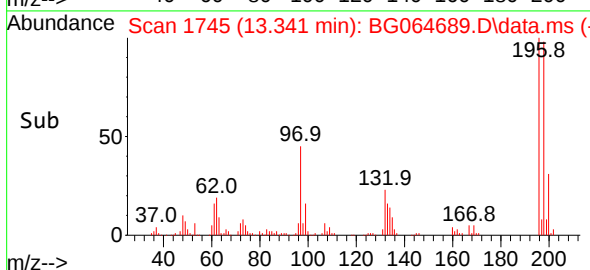
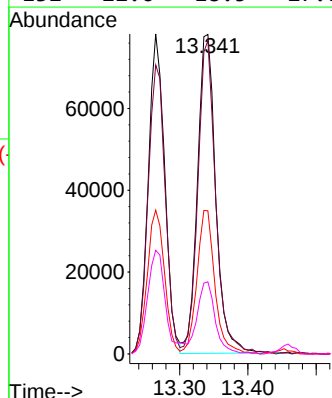
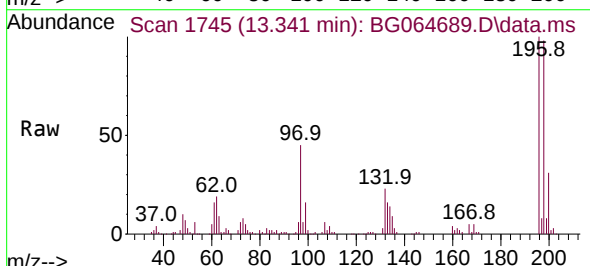
Reviewed By :Rahul Chavli 11/06/2025

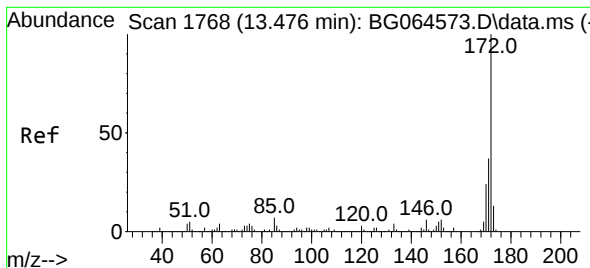
Supervised By :Jagrut Upadhyay 11/06/2025



#44
2,4,5-Trichlorophenol
Concen: 50.747 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

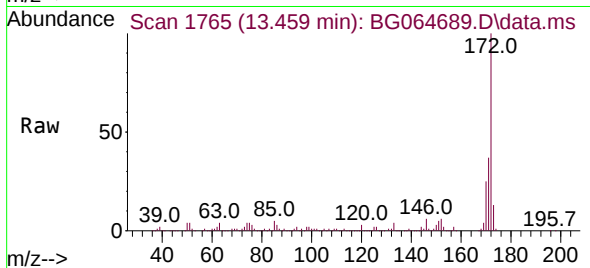
Tgt Ion:196 Resp: 145864
Ion Ratio Lower Upper
196 100
198 98.1 74.2 111.4
97 44.8 37.0 55.6
132 22.6 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 81.083 ng
RT: 13.459 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

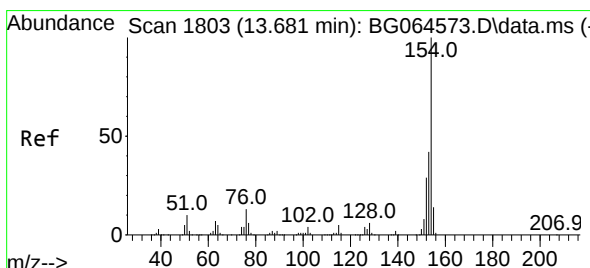
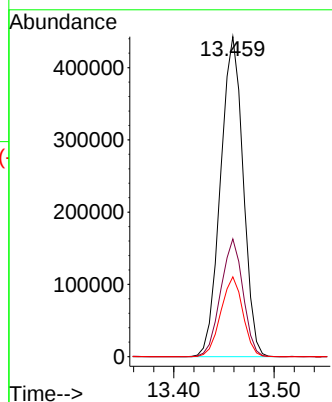
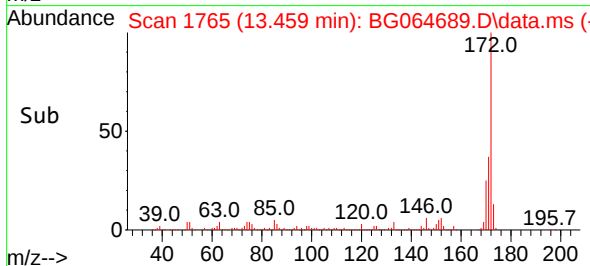
Instrument :
BNA_G
ClientSampleId :
PB170325BS



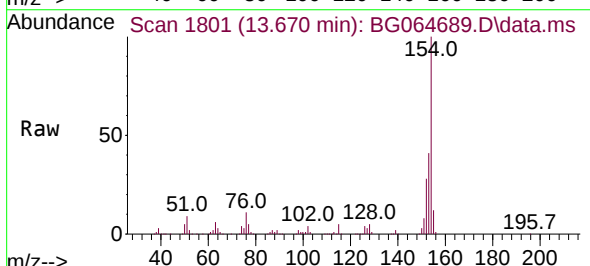
Tgt Ion:172 Resp: 694062
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.9 19.1 28.7

Manual Integrations
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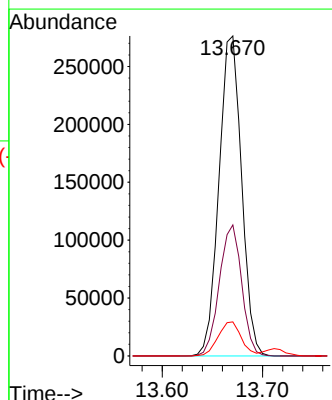
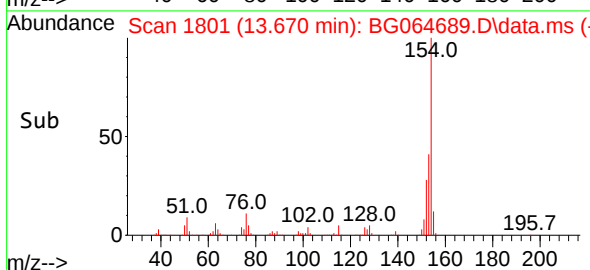
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

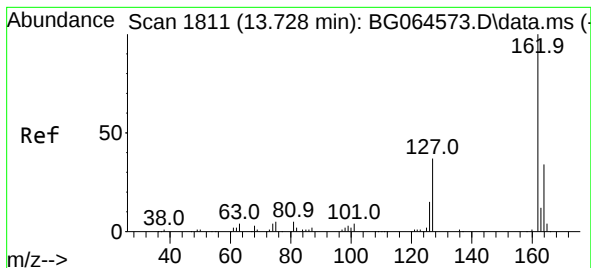


#46
1,1'-Biphenyl
Concen: 46.923 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:154 Resp: 432828
Ion Ratio Lower Upper
154 100
153 40.9 22.4 62.4
76 10.6 0.0 33.5





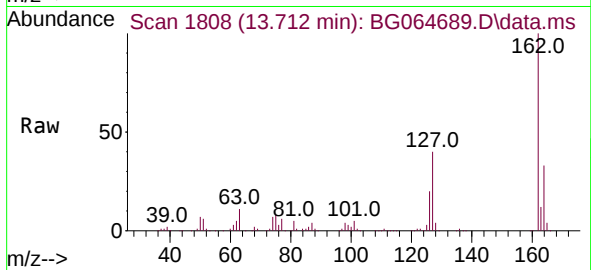
#47
2-Chloronaphthalene
Concen: 42.193 ng
RT: 13.712 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



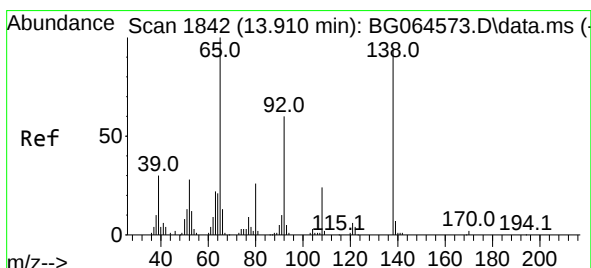
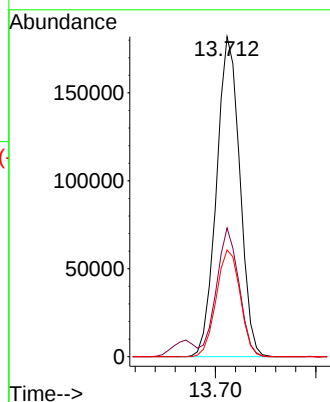
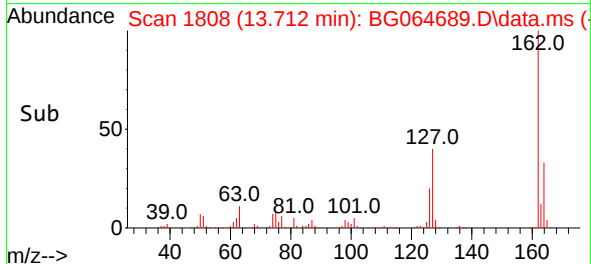
Tgt Ion:162 Resp: 293774
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.2
164 33.3 27.5 41.3

Manual Integrations

APPROVED

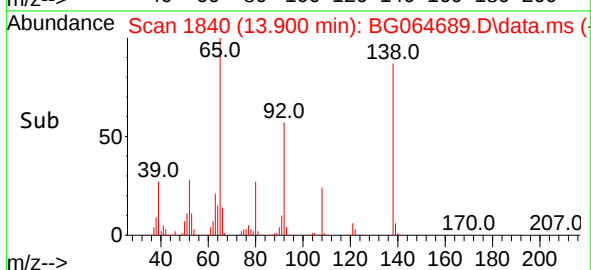
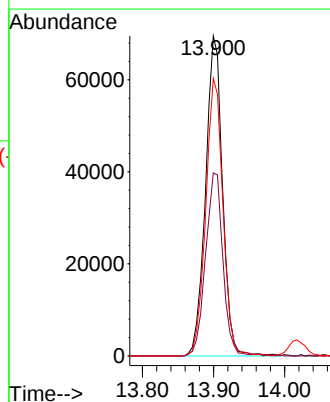
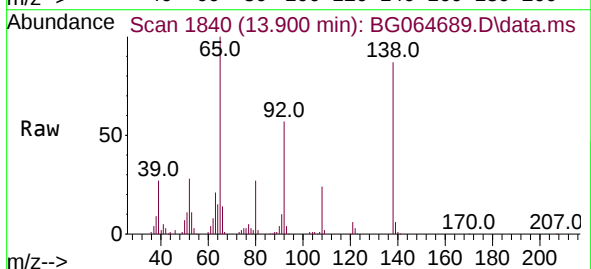
Reviewed By :Rahul Chavli 11/06/2025

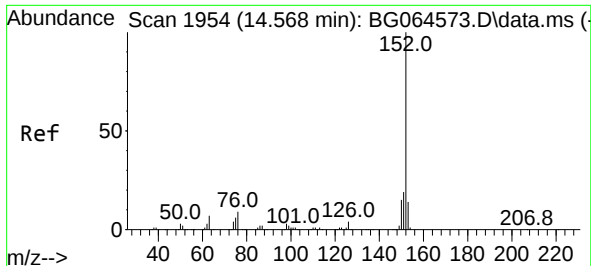
Supervised By :Jagrut Upadhyay 11/06/2025



#48
2-Nitroaniline
Concen: 49.150 ng
RT: 13.900 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion: 65 Resp: 115078
Ion Ratio Lower Upper
65 100
92 57.2 48.3 72.5
138 86.7 74.9 112.3





#49
Acenaphthylene
Concen: 49.143 ng
RT: 14.552 min Scan# 1954
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

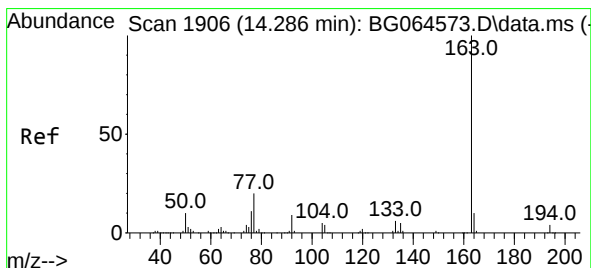
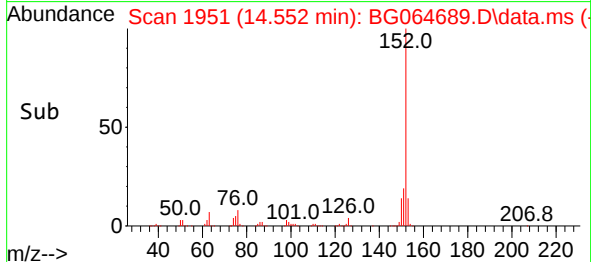
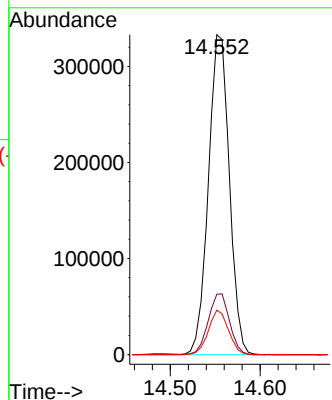
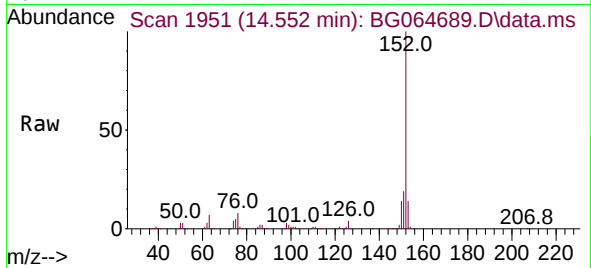
PB170325BS

Tgt Ion:152 Resp: 539701
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2
153 13.9 11.0 16.4

Manual Integrations

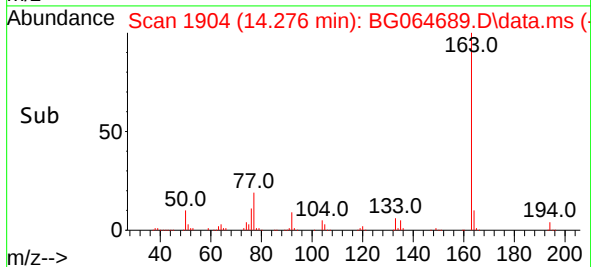
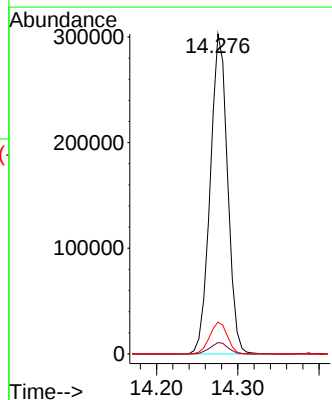
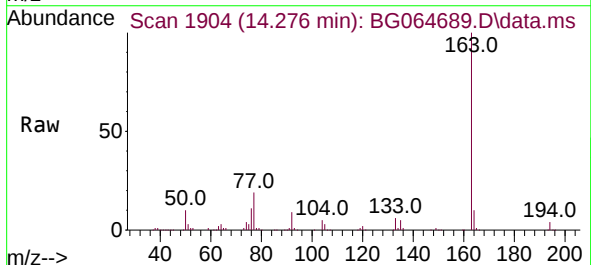
APPROVED

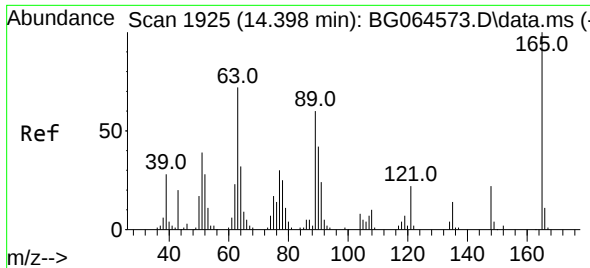
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#50
Dimethylphthalate
Concen: 45.258 ng
RT: 14.276 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:163 Resp: 449328
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 7.7 11.5





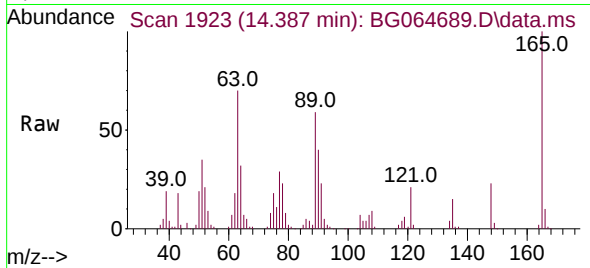
#51
2,6-Dinitrotoluene
Concen: 55.479 ng
RT: 14.387 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



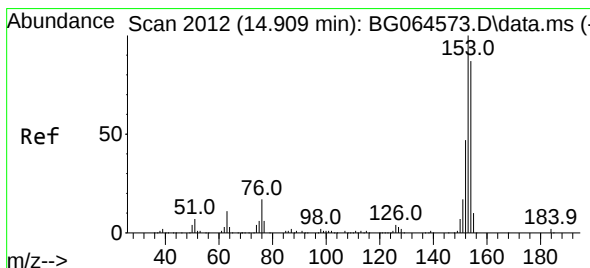
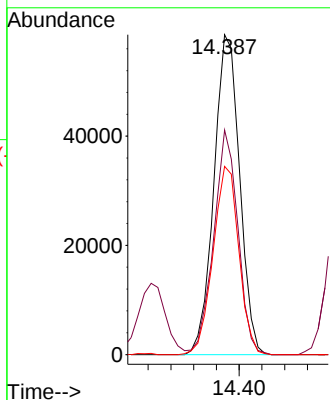
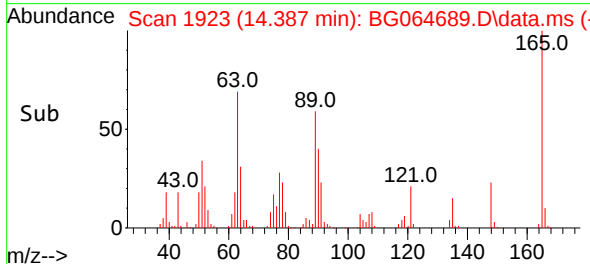
Tgt Ion:165 Resp: 91752
Ion Ratio Lower Upper
165 100
63 70.2 57.4 86.0
89 58.8 47.8 71.8

Manual Integrations

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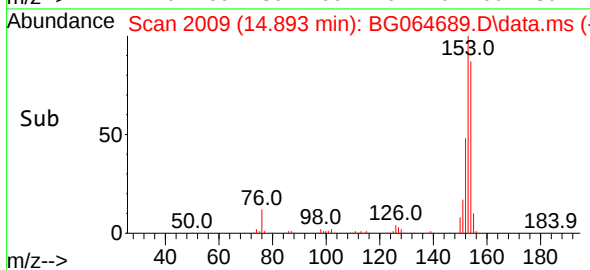
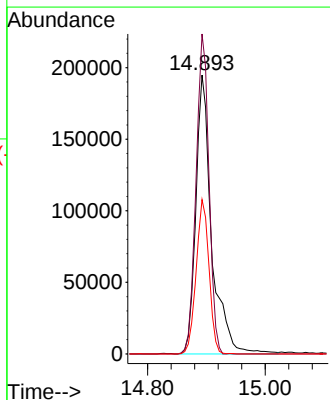
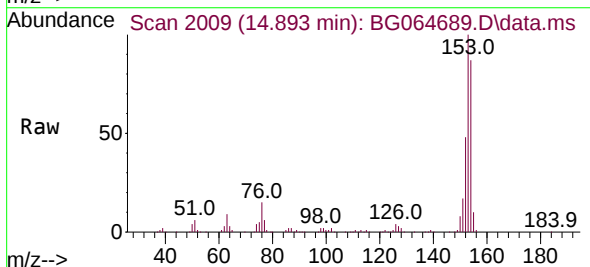
Reviewed By :Rahul Chavli 11/06/2025

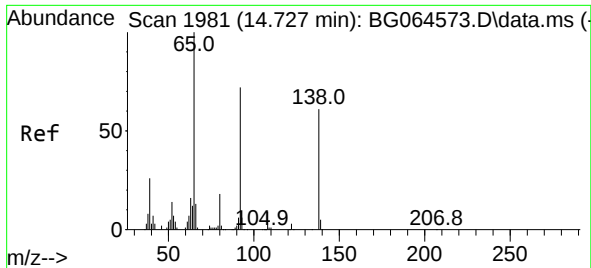
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 48.509 ng
RT: 14.893 min Scan# 2009
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:154 Resp: 363979
Ion Ratio Lower Upper
154 100
153 114.7 92.2 138.4
152 55.4 43.2 64.8





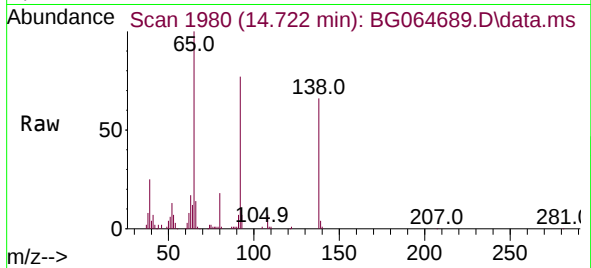
#53
3-Nitroaniline
Concen: 38.573 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



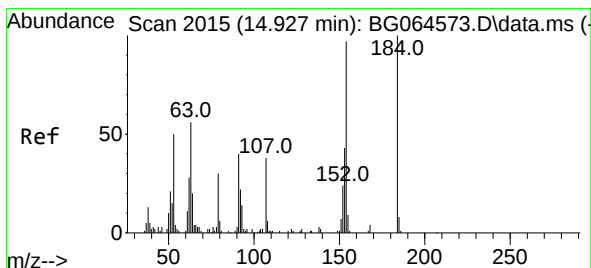
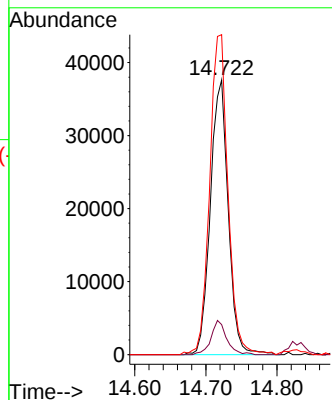
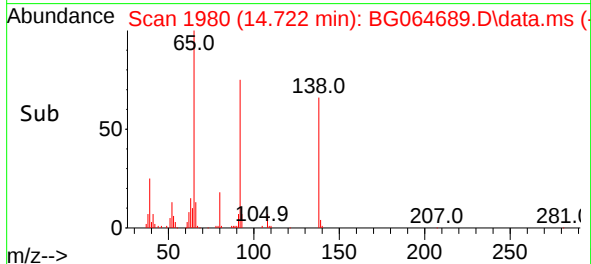
Tgt Ion:138 Resp: 65814
Ion Ratio Lower Upper
138 100
108 10.9 11.4 17.0
92 116.5 95.3 142.9

Manual Integrations

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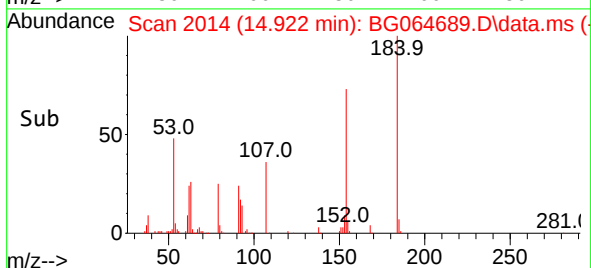
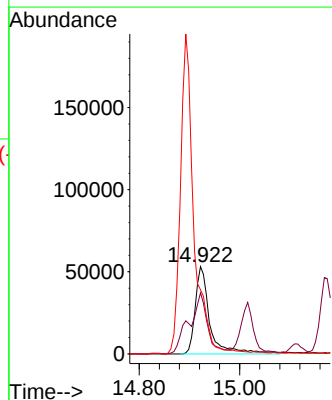
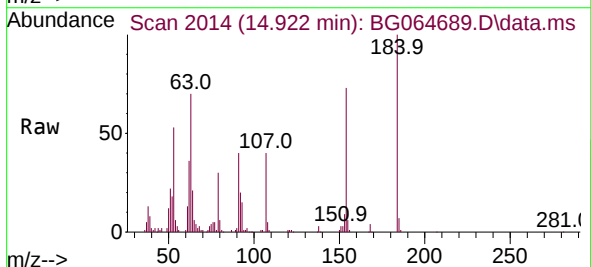
Reviewed By :Rahul Chavli 11/06/2025

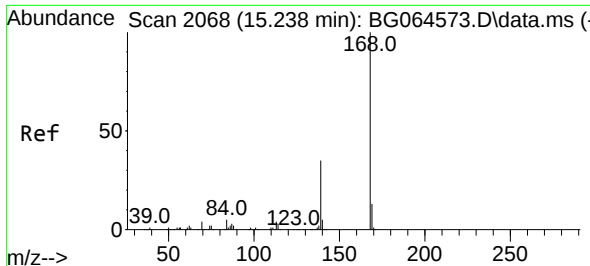
Supervised By :Jagrut Upadhyay 11/06/2025



#54
2,4-Dinitrophenol
Concen: 105.440 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

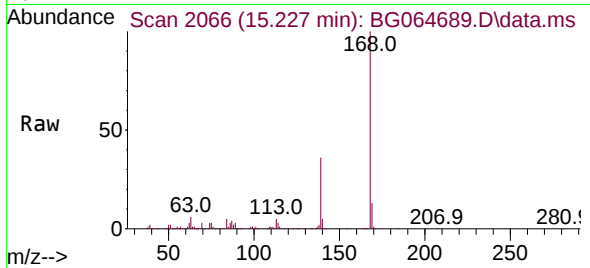
Tgt Ion:184 Resp: 107905
Ion Ratio Lower Upper
184 100
63 69.9 56.6 85.0
154 73.3 158.6 238.0





#55
Dibenzenofuran
Concen: 44.044 ng
RT: 15.227 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

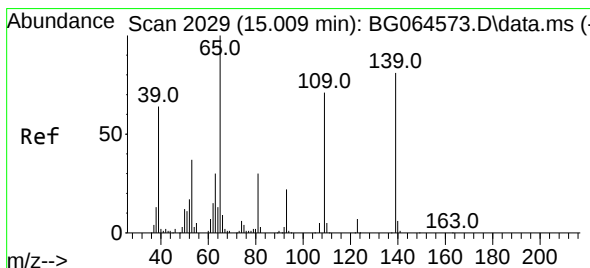
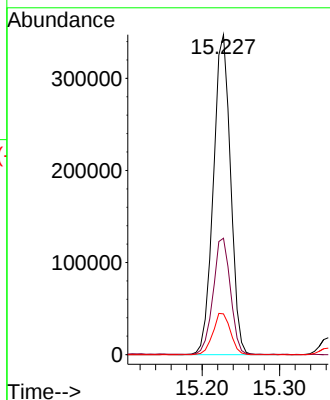
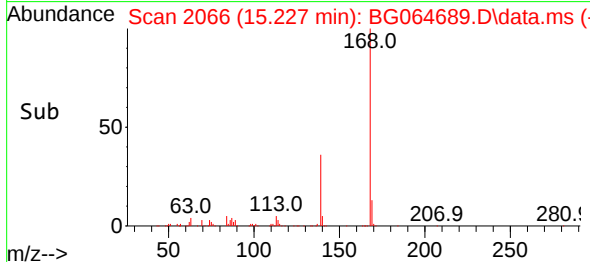
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:168 Resp: 534282
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.8
169 12.7 10.3 15.5

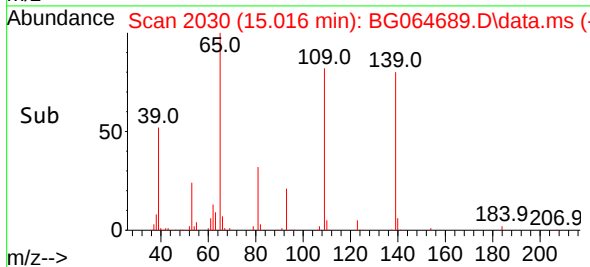
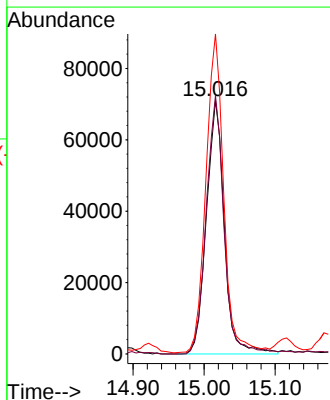
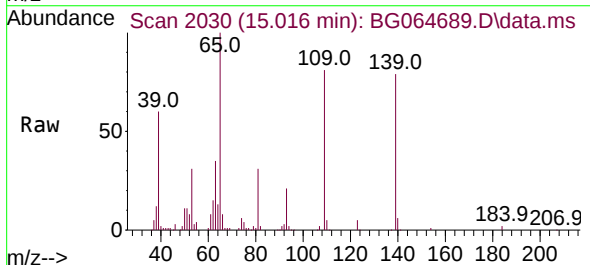
Manual Integrations
APPROVED

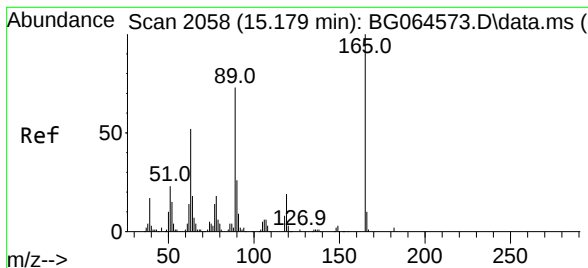
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 78.703 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:139 Resp: 124501
Ion Ratio Lower Upper
139 100
109 102.0 67.8 107.8
65 126.3 103.7 143.7





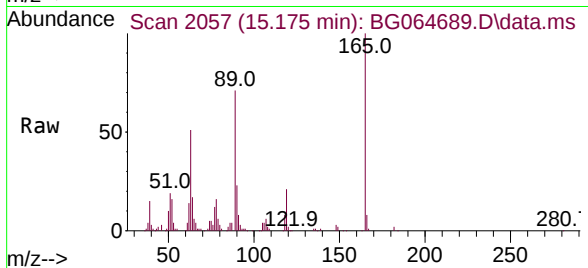
#57
2,4-Dinitrotoluene
Concen: 53.701 ng
RT: 15.175 min Scan# 2057
Delta R.T. -0.004 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



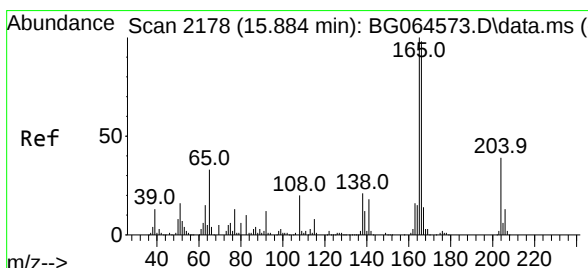
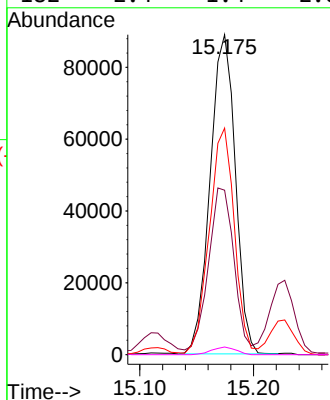
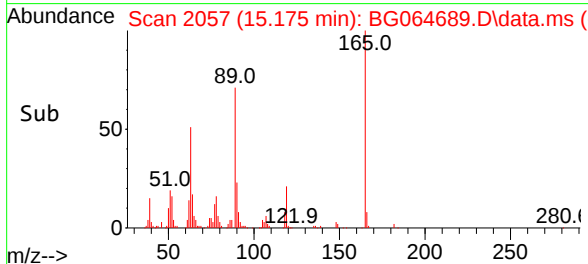
Tgt Ion:165 Resp: 136996
Ion Ratio Lower Upper
165 100
63 51.4 41.8 62.8
89 70.8 58.1 87.1
182 2.4 1.4 2.0#

Manual Integrations

APPROVED

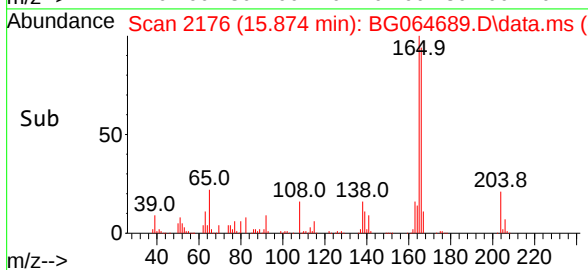
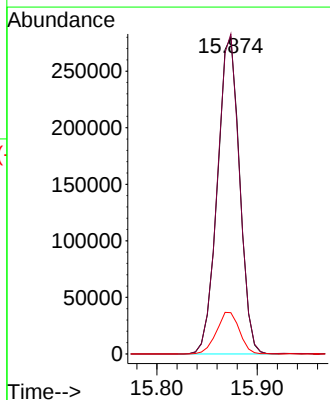
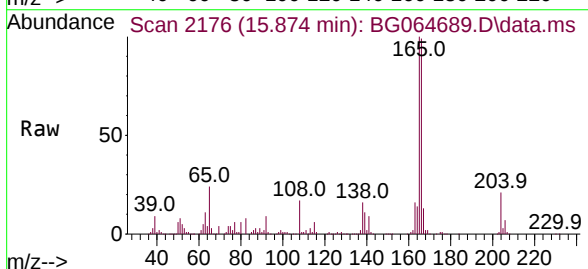
Reviewed By :Rahul Chavli 11/06/2025

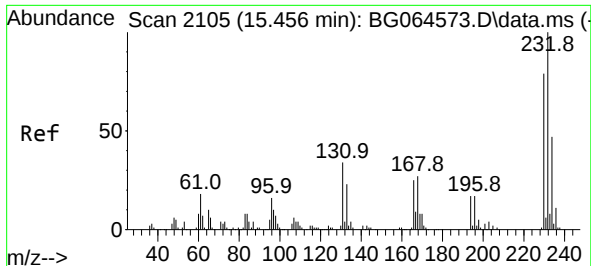
Supervised By :Jagrut Upadhyay 11/06/2025



#58
Fluorene
Concen: 45.507 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:166 Resp: 431114
Ion Ratio Lower Upper
166 100
165 101.1 81.5 122.3
167 13.0 11.4 17.0





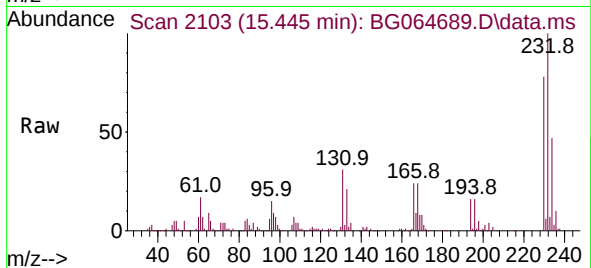
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.749 ng
RT: 15.445 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



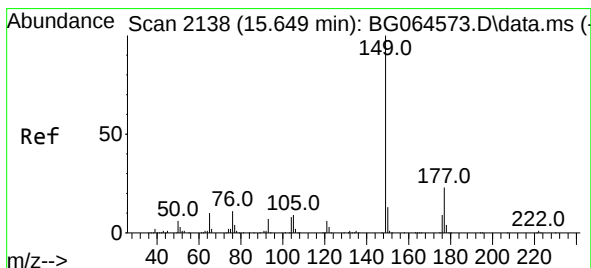
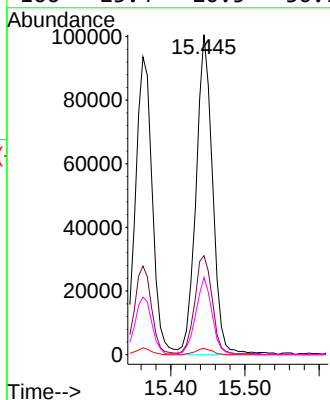
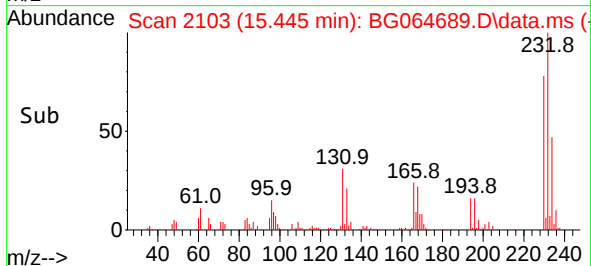
Tgt Ion:232 Resp: 155978
Ion Ratio Lower Upper
232 100
131 31.9 26.7 40.1
130 1.9 1.6 2.4
166 23.4 20.5 30.7

Manual Integrations

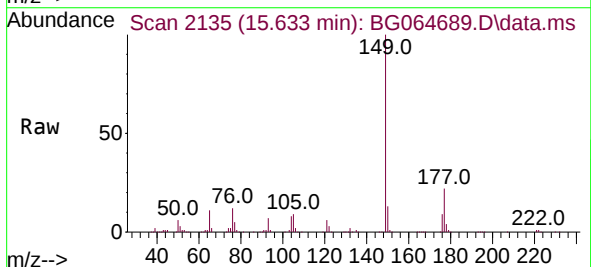
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

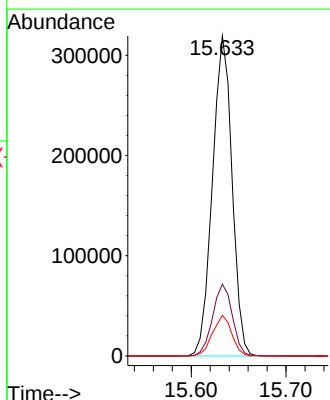
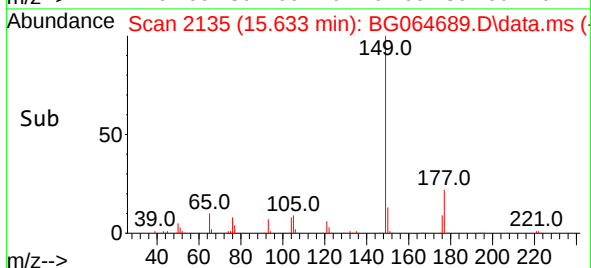
Supervised By :Jagrut Upadhyay 11/06/2025

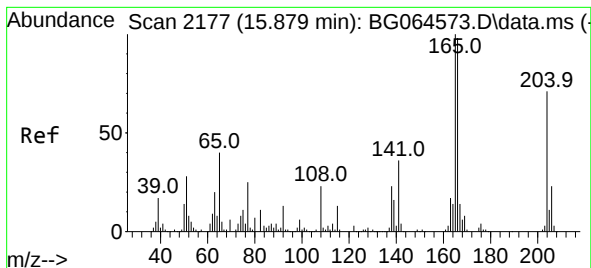


#60
Diethylphthalate
Concen: 45.165 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:149 Resp: 457847
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.7 10.2 15.4





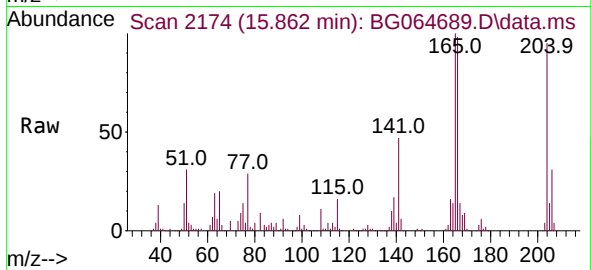
#61
4-Chlorophenyl-phenylether
Concen: 47.425 ng
RT: 15.862 min Scan# 2174
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



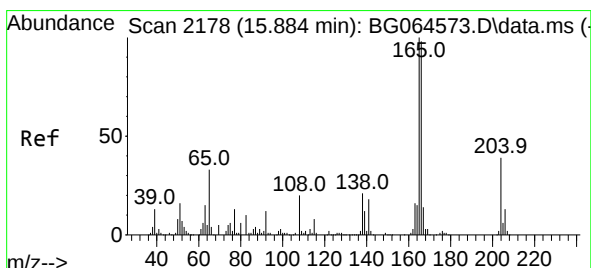
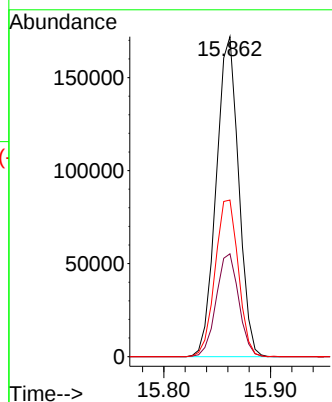
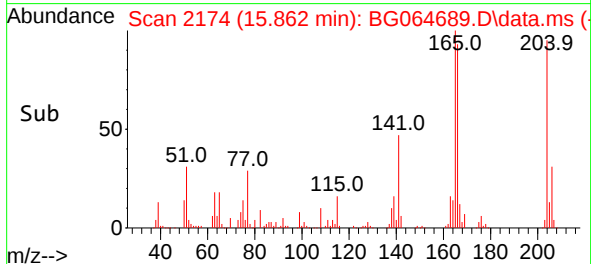
Tgt Ion:204 Resp: 252138
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 48.9 40.6 60.8

Manual Integrations

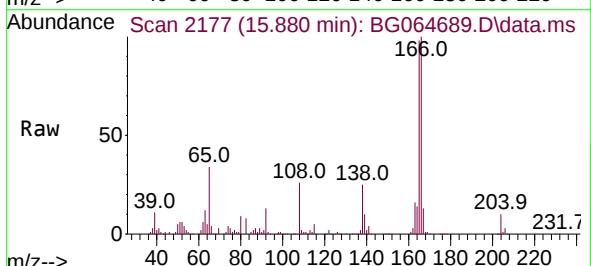
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

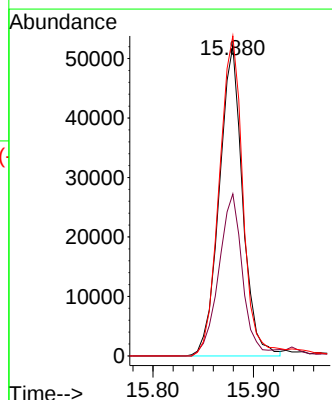
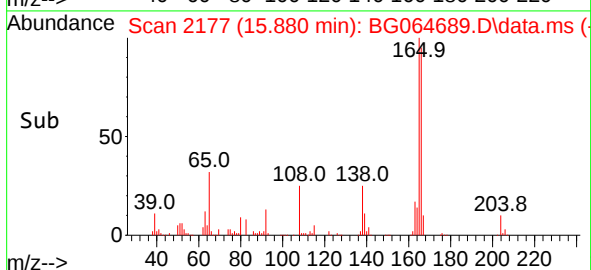
Supervised By :Jagrut Upadhyay 11/06/2025

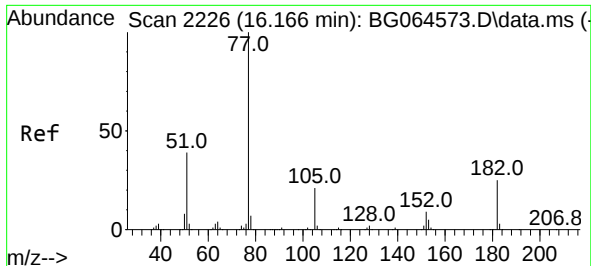


#62
4-Nitroaniline
Concen: 44.374 ng
RT: 15.880 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:138 Resp: 84230
Ion Ratio Lower Upper
138 100
92 52.3 36.1 76.1
108 103.3 75.6 115.6





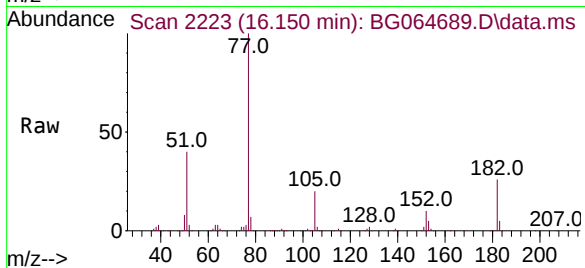
#63
Azobenzene
Concen: 43.138 ng
RT: 16.150 min Scan# 2226
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS



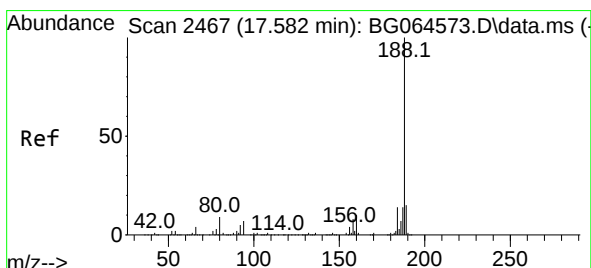
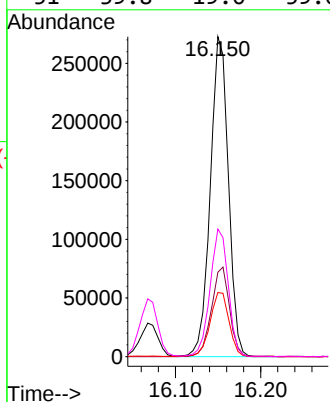
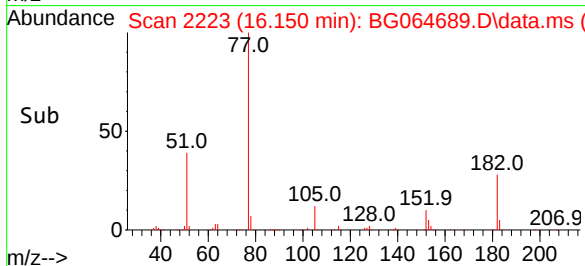
Tgt Ion: 77 Resp: 401235
Ion Ratio Lower Upper
77 100
182 26.4 4.9 44.9
105 20.0 1.3 41.3
51 39.8 19.0 59.0

Manual Integrations

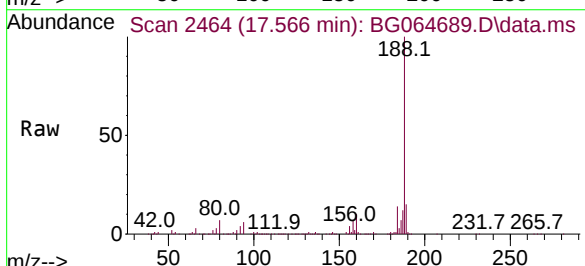
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

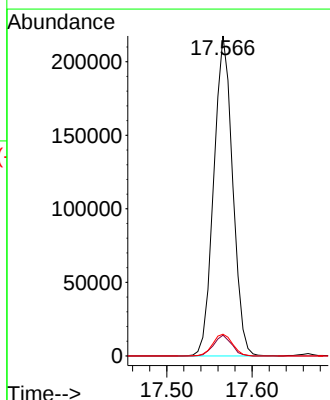
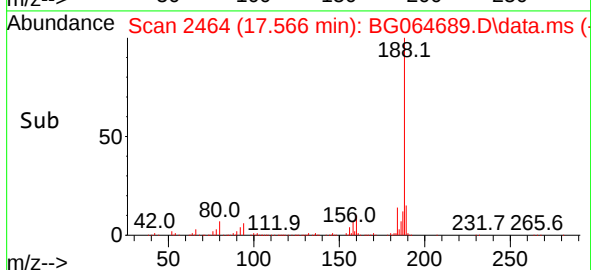
Supervised By :Jagrut Upadhyay 11/06/2025

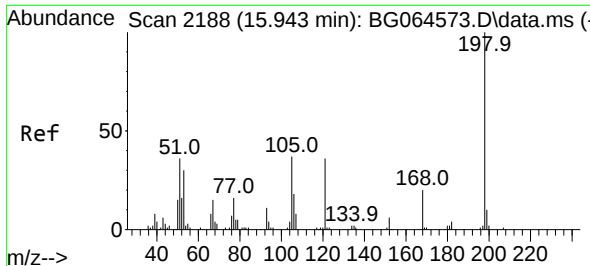


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.566 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



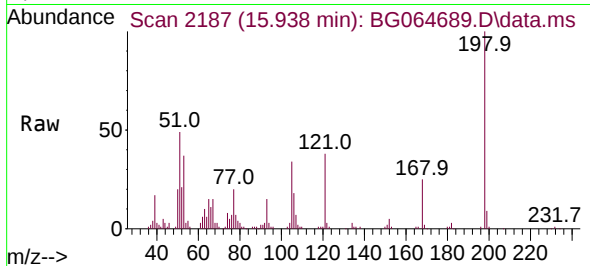
Tgt Ion:188 Resp: 334598
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 6.8 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 55.165 ng
RT: 15.938 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

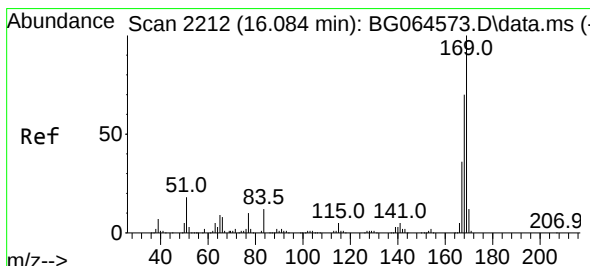
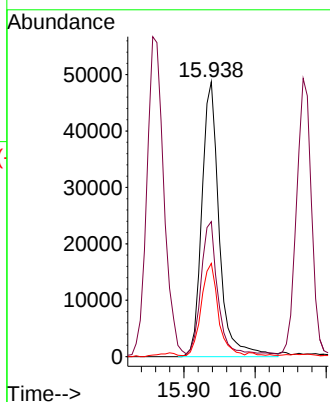
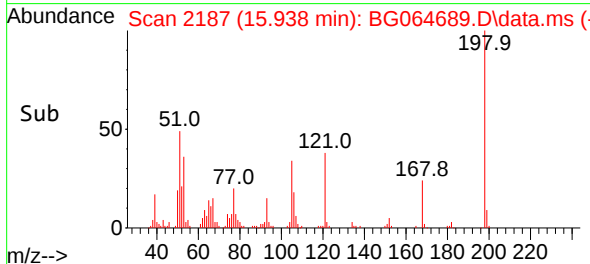
Instrument :
BNA_G
ClientSampleId :
PB170325BS



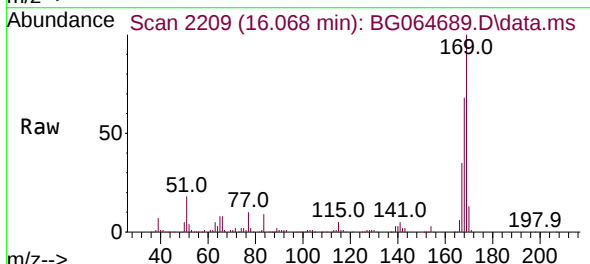
Tgt Ion:198 Resp: 82566
Ion Ratio Lower Upper
198 100
51 49.1 24.7 64.7
105 33.9 18.0 58.0

Manual Integrations
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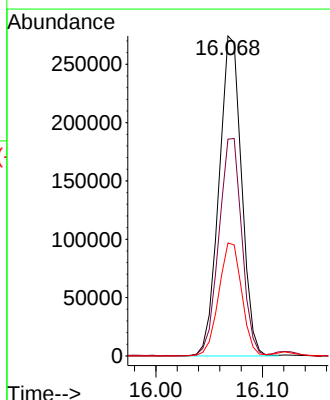
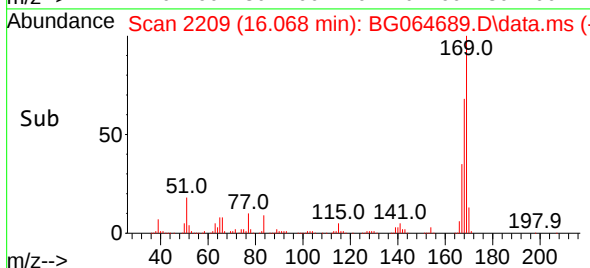
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

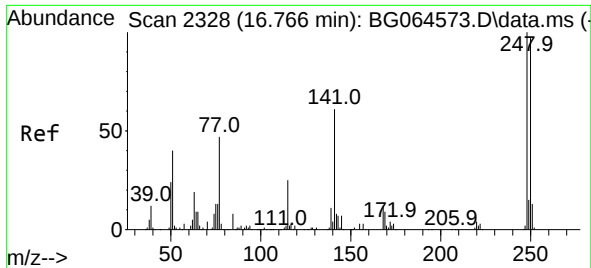


#66
n-Nitrosodiphenylamine
Concen: 44.778 ng
RT: 16.068 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



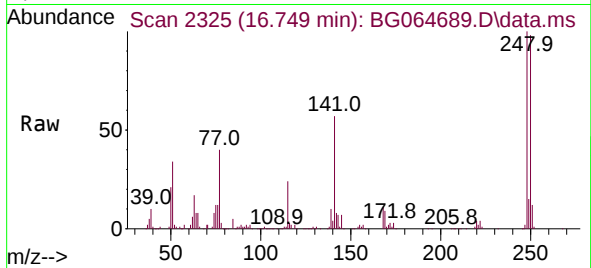
Tgt Ion:169 Resp: 404720
Ion Ratio Lower Upper
169 100
168 67.7 56.3 84.5
167 35.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.711 ng
RT: 16.749 min Scan# 2325
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

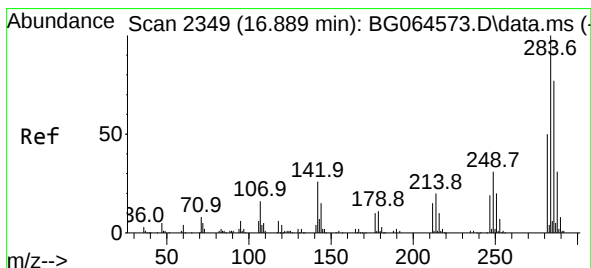
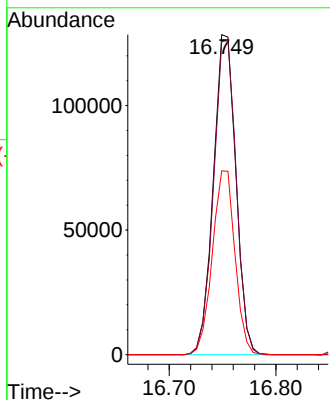
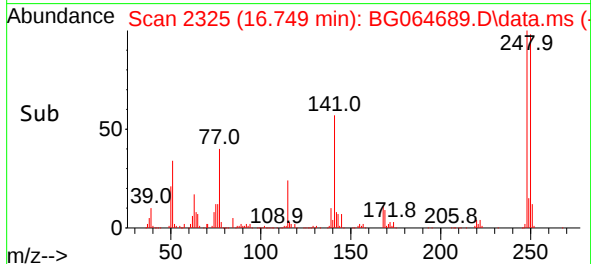
Instrument :
BNA_G
ClientSampleId :
PB170325BS



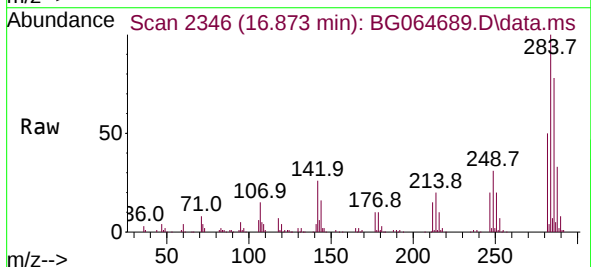
Tgt Ion:248 Resp: 189186
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 57.4 48.6 72.8

Manual Integrations
APPROVED

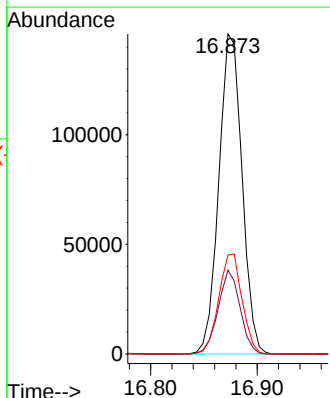
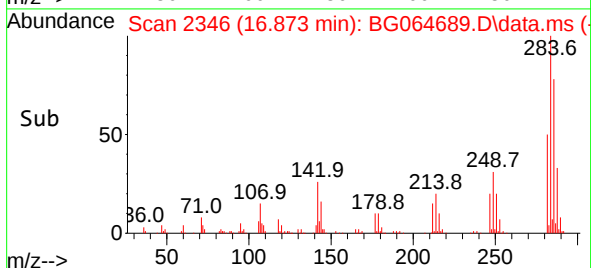
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

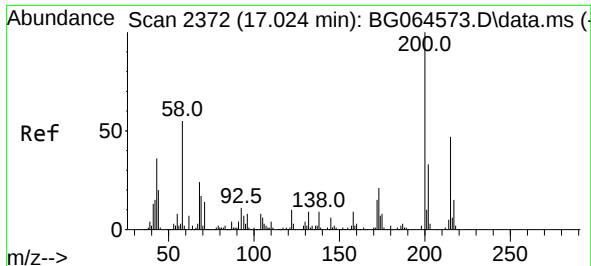


#68
Hexachlorobenzene
Concen: 48.788 ng
RT: 16.873 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



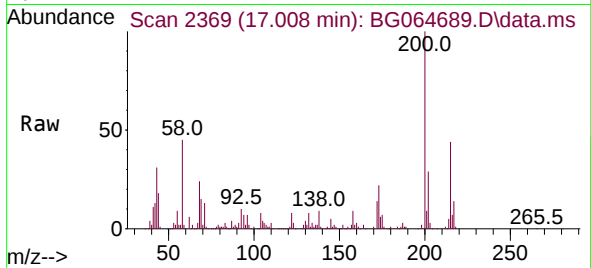
Tgt Ion:284 Resp: 220693
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.6
249 33.2 24.9 37.3





#69
Atrazine
Concen: 46.983 ng
RT: 17.008 min Scan# 2372
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

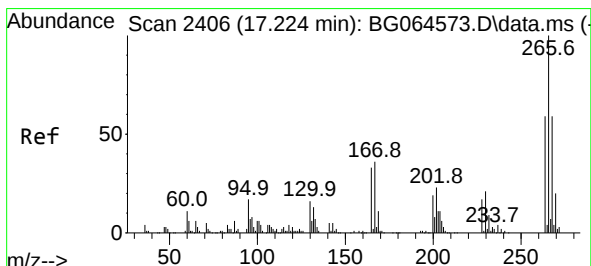
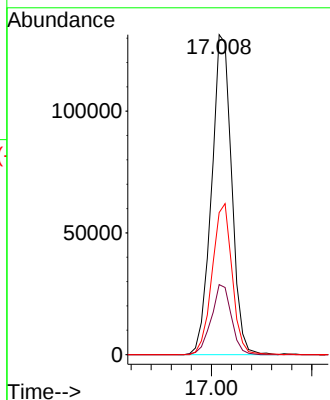
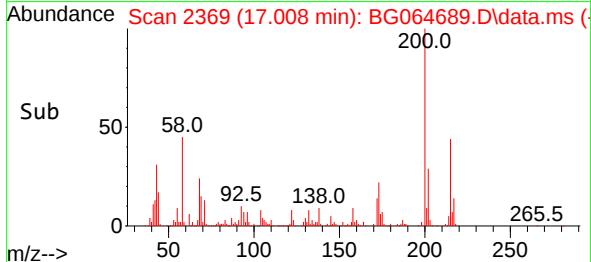
Instrument :
BNA_G
ClientSampleId :
PB170325BS



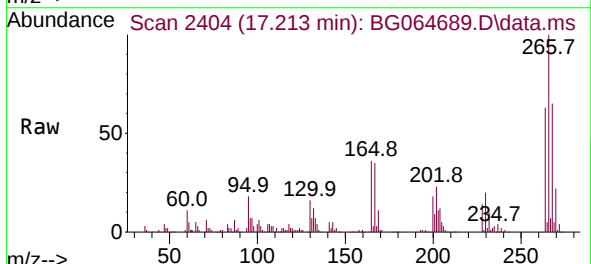
Tgt Ion:200 Resp: 182744
Ion Ratio Lower Upper
200 100
173 21.9 0.9 40.9
215 44.4 27.0 67.0

Manual Integrations
APPROVED

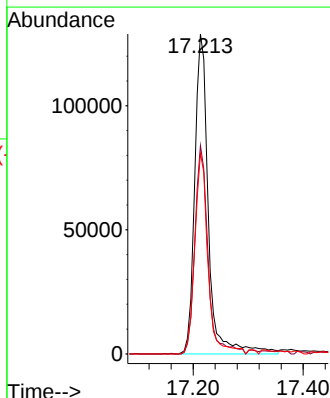
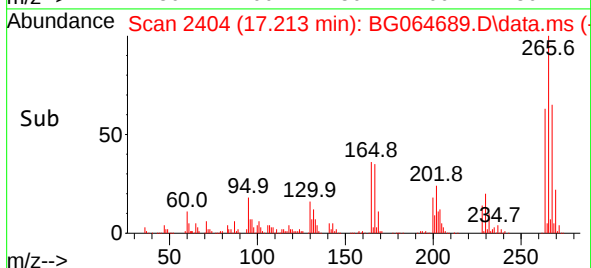
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

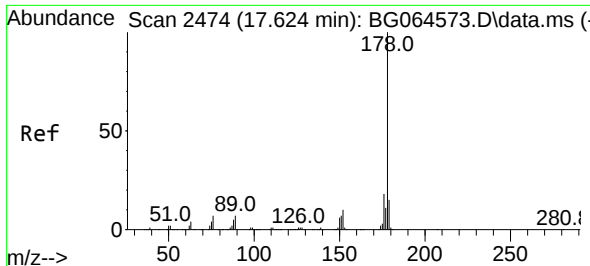


#70
Pentachlorophenol
Concen: 78.912 ng
RT: 17.213 min Scan# 2404
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



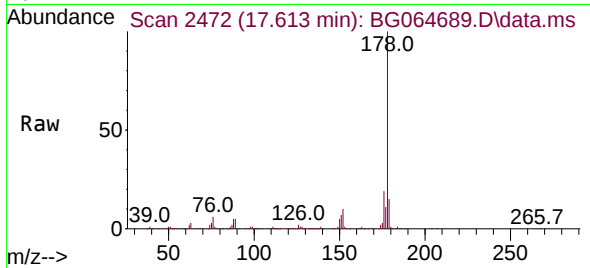
Tgt Ion:266 Resp: 222596
Ion Ratio Lower Upper
266 100
268 69.7 50.3 75.5
264 62.7 47.3 70.9





#71
Phenanthrene
Concen: 42.331 ng
RT: 17.613 min Scan# 2472
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

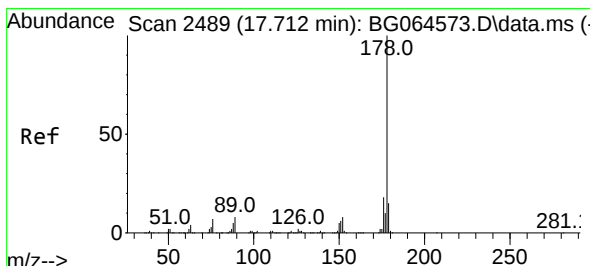
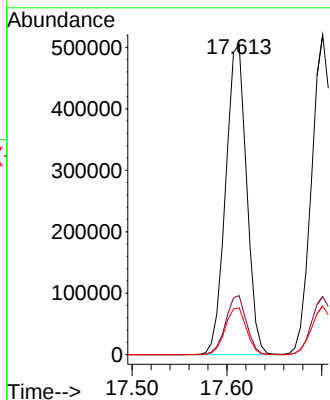
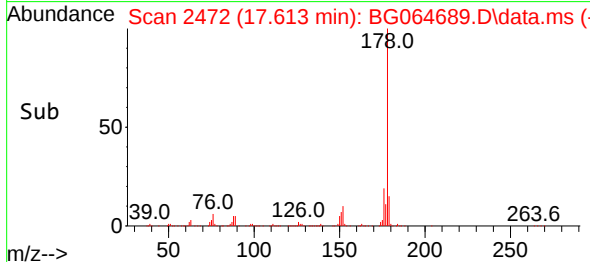
Instrument :
BNA_G
ClientSampleId :
PB170325BS



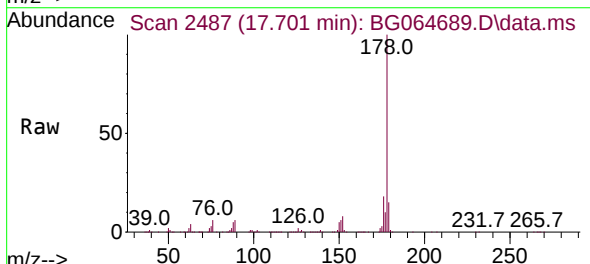
Tgt Ion:178 Resp: 774558
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.1 12.2 18.4

Manual Integrations
APPROVED

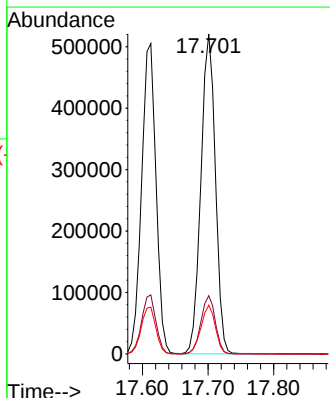
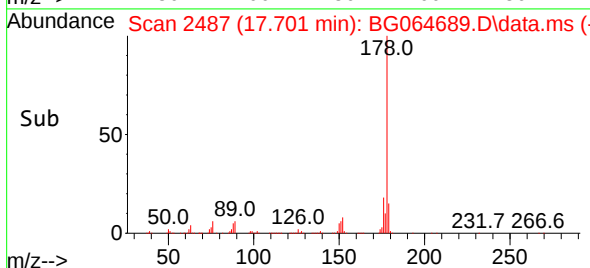
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

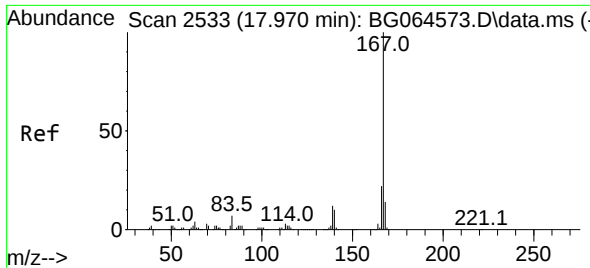


#72
Anthracene
Concen: 42.690 ng
RT: 17.701 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:178 Resp: 794598
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 37.759 ng
 RT: 17.959 min Scan# 2533
 Delta R.T. -0.011 min
 Lab File: BG064689.D
 Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

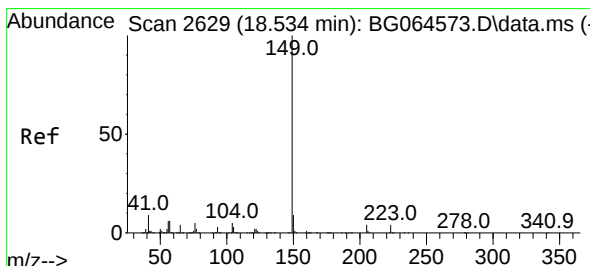
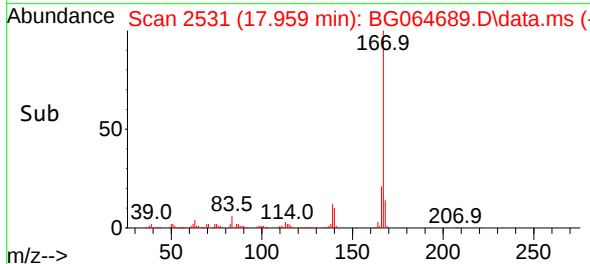
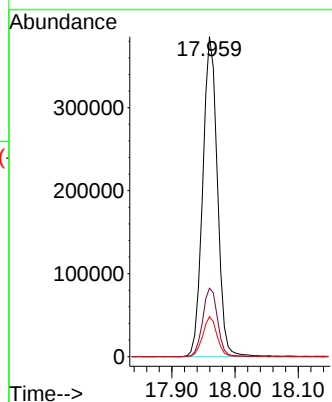
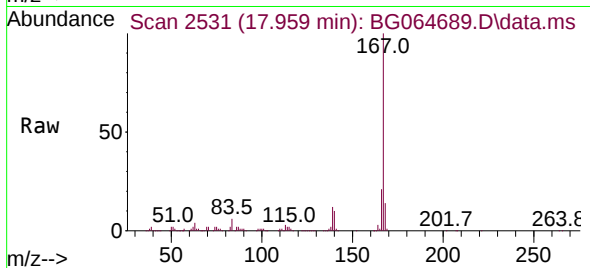
PB170325BS

Tgt Ion:167 Resp: 619754
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.9 26.9
 139 12.5 9.7 14.5

Manual Integrations

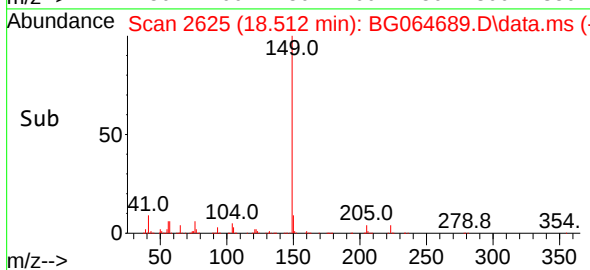
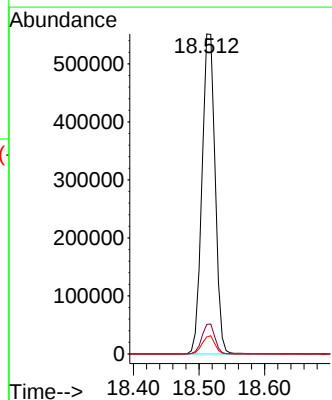
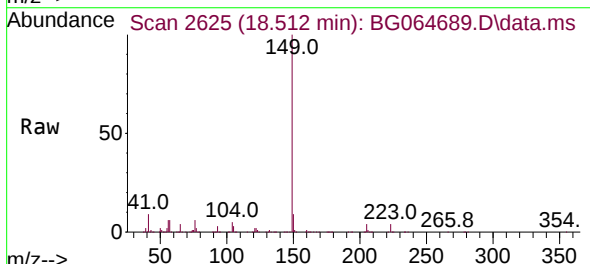
APPROVED

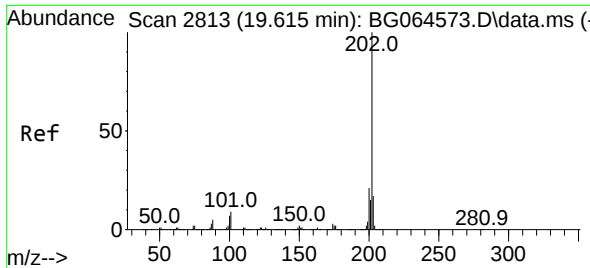
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#74
 Di-n-butylphthalate
 Concen: 40.062 ng
 RT: 18.512 min Scan# 2625
 Delta R.T. -0.023 min
 Lab File: BG064689.D
 Acq: 5 Nov 2025 17:22

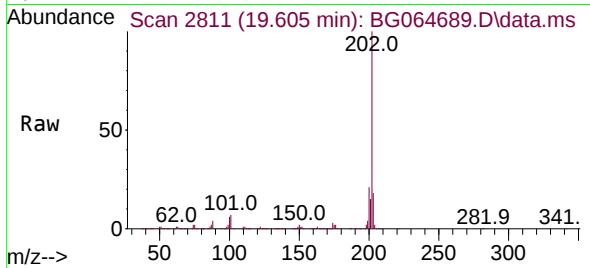
Tgt Ion:149 Resp: 760380
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 37.367 ng
RT: 19.605 min Scan# 2813
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

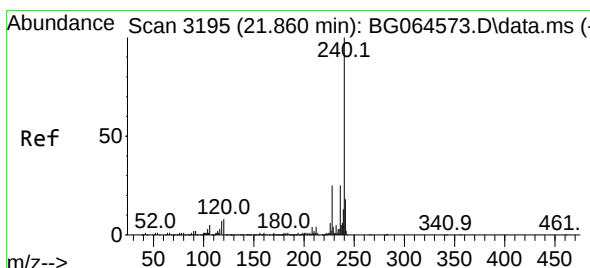
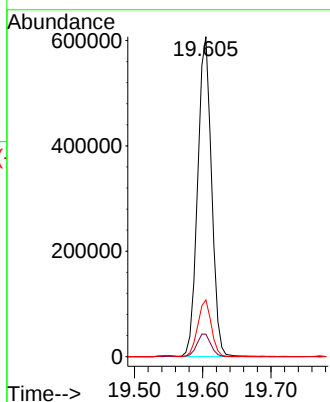
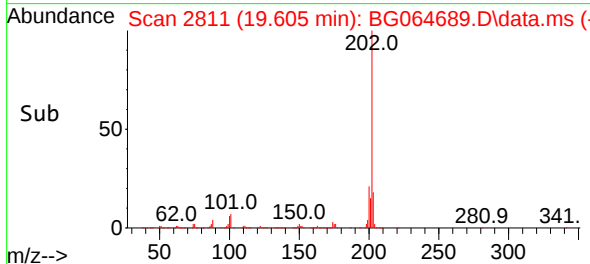
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:202 Resp: 856532
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.7 0.0 37.0

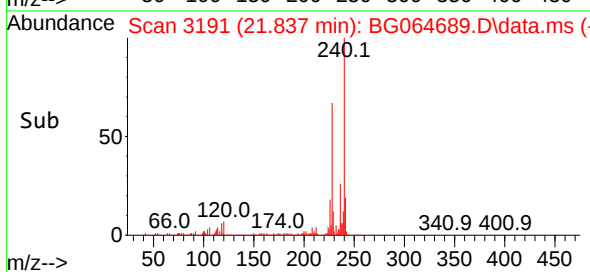
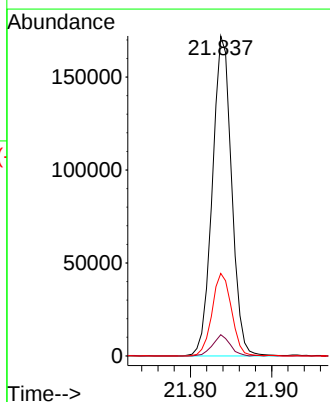
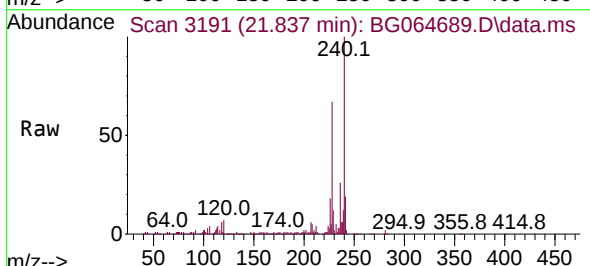
Manual Integrations
APPROVED

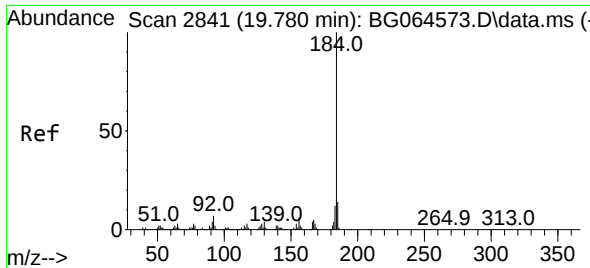
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

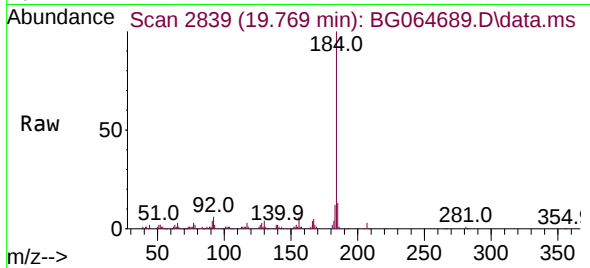
Tgt Ion:240 Resp: 282873
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 25.8 20.2 30.2





#77
Benzidine
Concen: 27.959 ng
RT: 19.769 min Scan# 2841
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

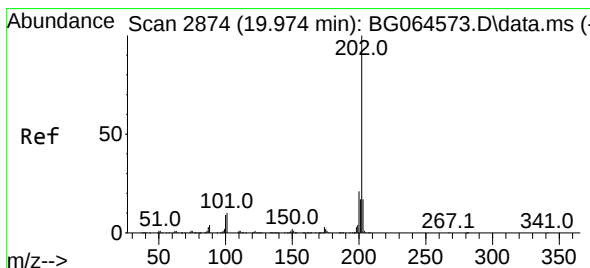
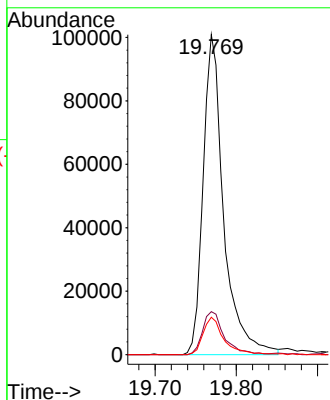
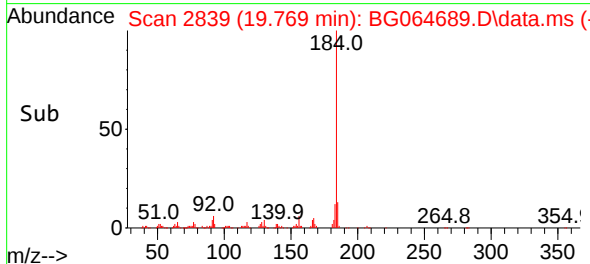
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:184 Resp: 177192
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.2
183 11.7 9.4 14.2

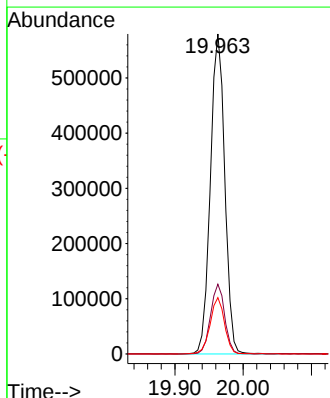
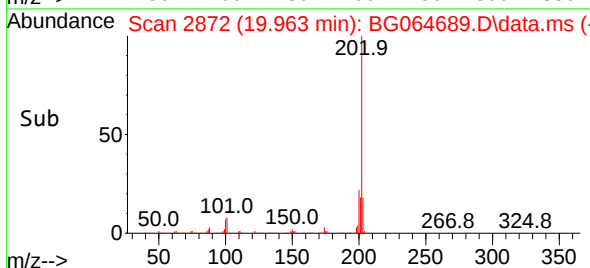
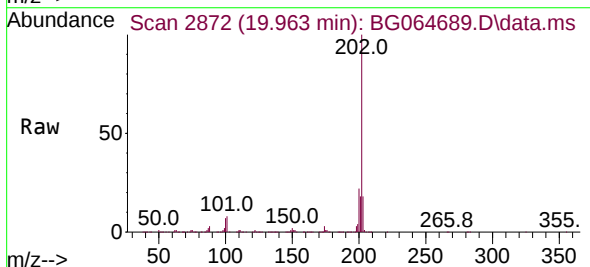
Manual Integrations
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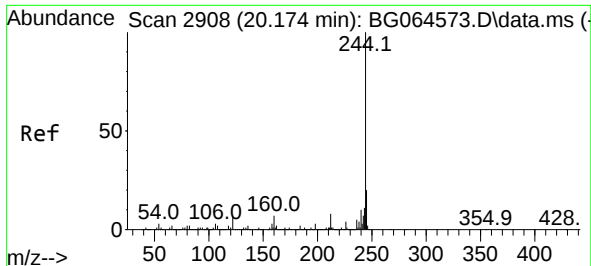
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 45.909 ng
RT: 19.963 min Scan# 2872
Delta R.T. -0.011 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

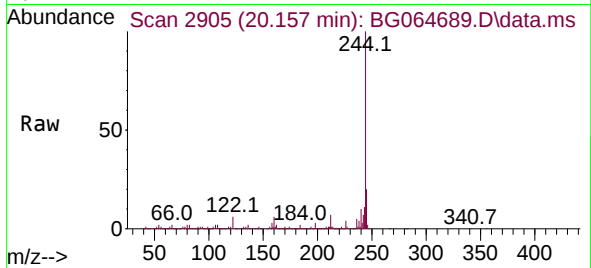
Tgt Ion:202 Resp: 848468
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.4
203 17.6 13.8 20.6





#79
 Terphenyl-d14
 Concen: 92.083 ng
 RT: 20.157 min Scan# 2908
 Delta R.T. -0.017 min
 Lab File: BG064689.D
 Acq: 5 Nov 2025 17:22

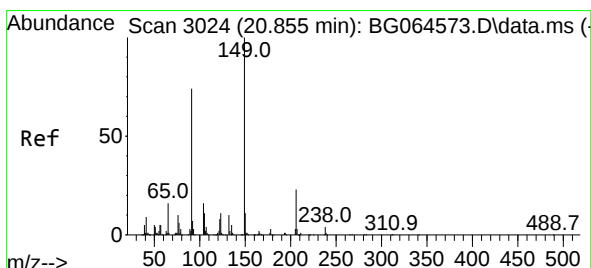
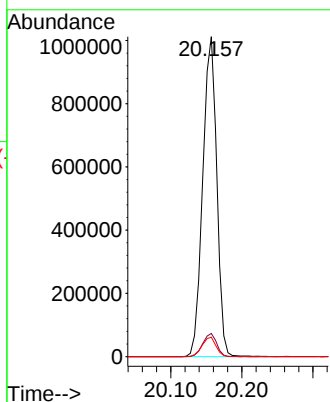
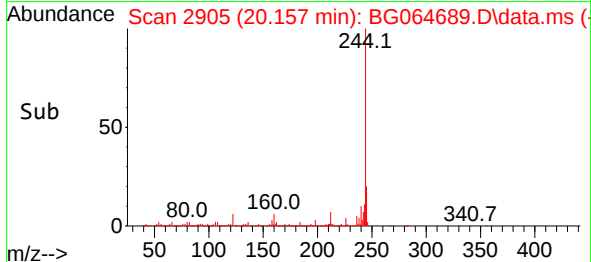
Instrument :
 BNA_G
 ClientSampleId :
 PB170325BS



Tgt Ion:244 Resp: 1380264
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.1 5.6 8.4

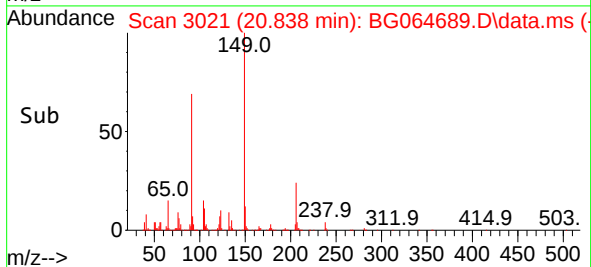
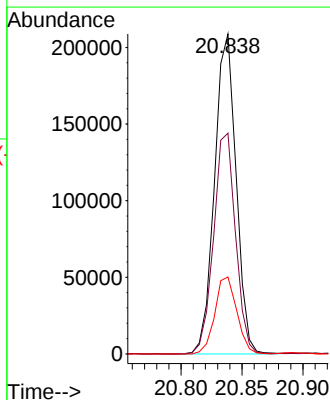
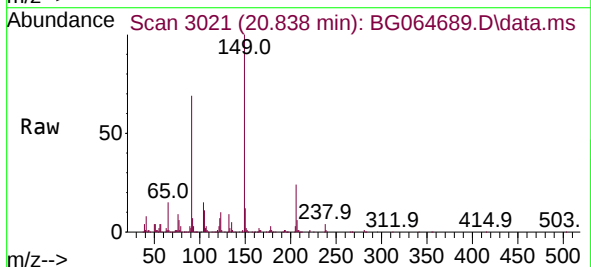
Manual Integrations
 APPROVED

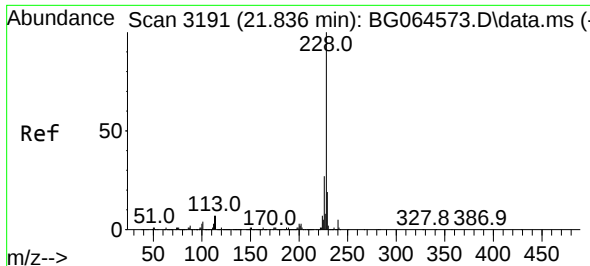
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#80
 Butylbenzylphthalate
 Concen: 46.005 ng
 RT: 20.838 min Scan# 3021
 Delta R.T. -0.017 min
 Lab File: BG064689.D
 Acq: 5 Nov 2025 17:22

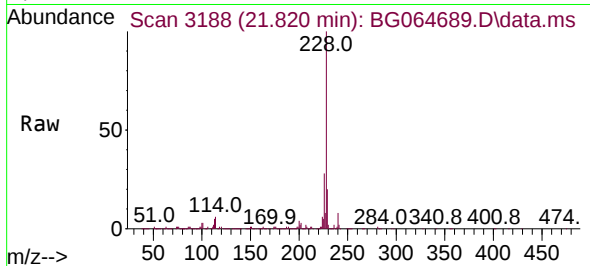
Tgt Ion:149 Resp: 256975
 Ion Ratio Lower Upper
 149 100
 91 69.0 59.2 88.8
 206 24.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 43.885 ng
RT: 21.820 min Scan# 3191
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

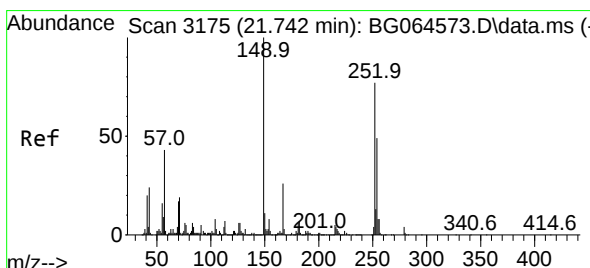
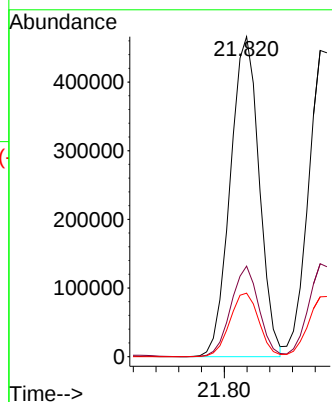
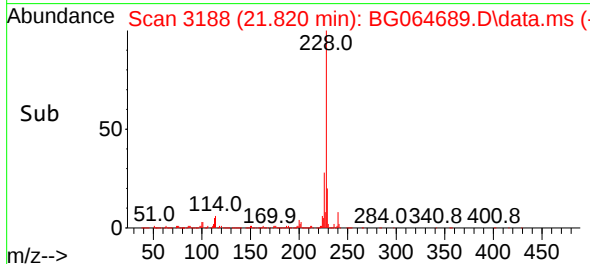
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:228 Resp: 823118
Ion Ratio Lower Upper
228 100
226 28.3 21.9 32.9
229 19.8 15.6 23.4

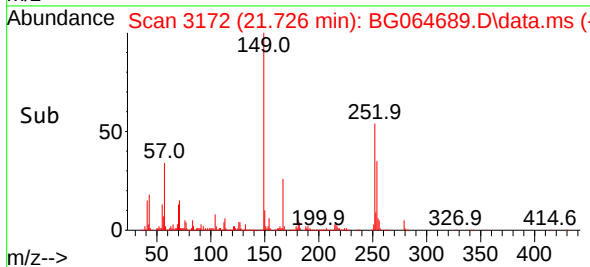
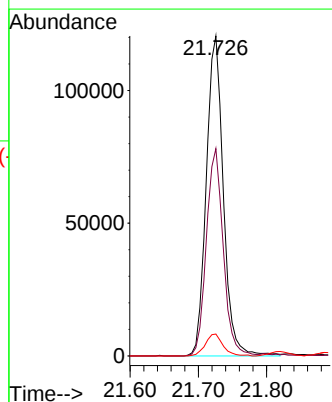
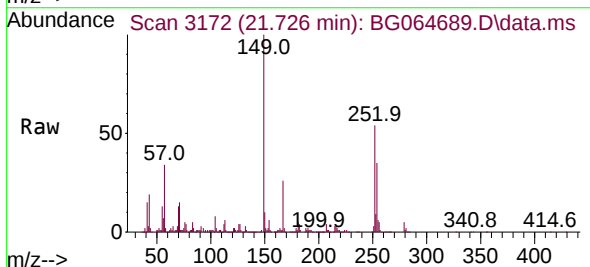
Manual Integrations
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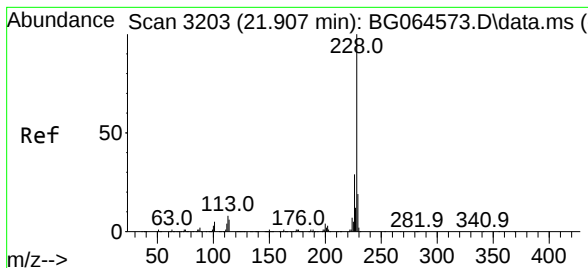
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.475 ng
RT: 21.726 min Scan# 3172
Delta R.T. -0.017 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:252 Resp: 209663
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 6.8 5.8 8.6





#83

Chrysene

Concen: 43.267 ng

RT: 21.884 min Scan# 3119

Delta R.T. -0.023 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

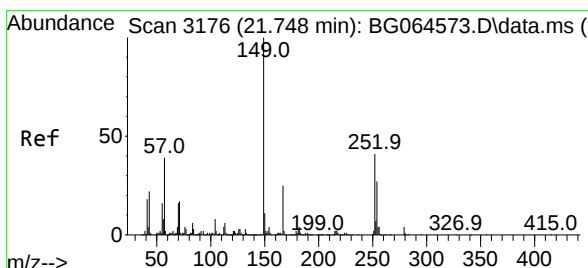
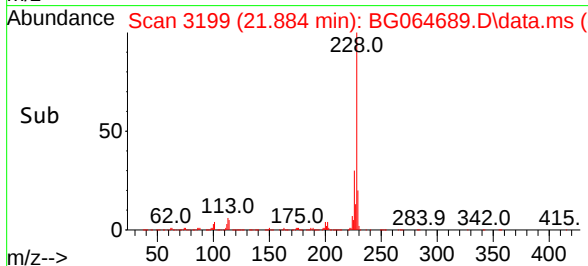
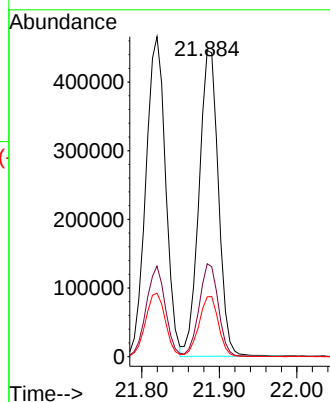
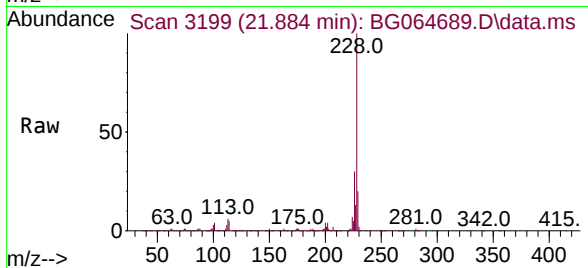
Tgt Ion:228 Resp: 772178
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.3 34.9
 229 19.5 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.705 ng

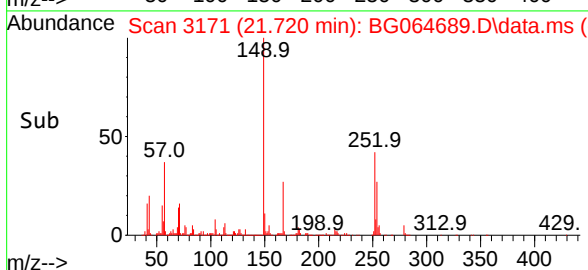
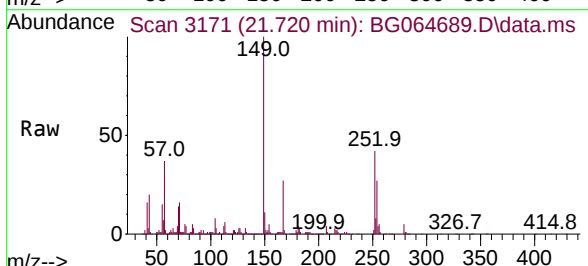
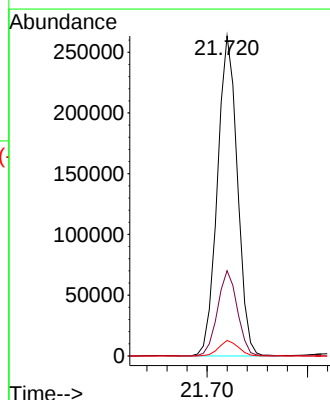
RT: 21.720 min Scan# 3171

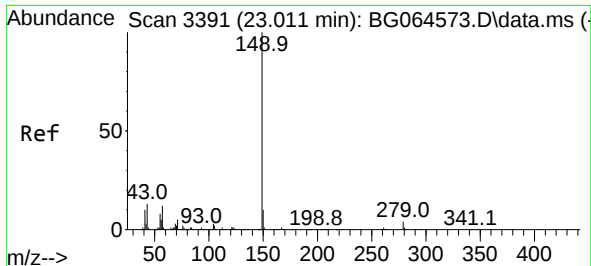
Delta R.T. -0.028 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

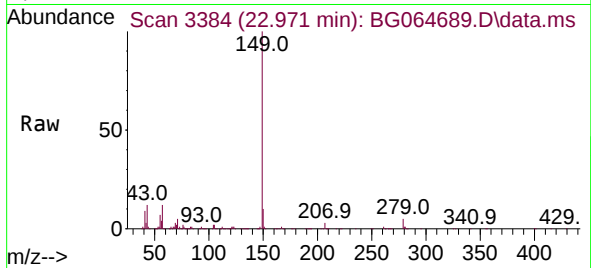
Tgt Ion:149 Resp: 364780
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.0 30.0
 279 4.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.813 ng
RT: 22.971 min Scan# 3391
Delta R.T. -0.040 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

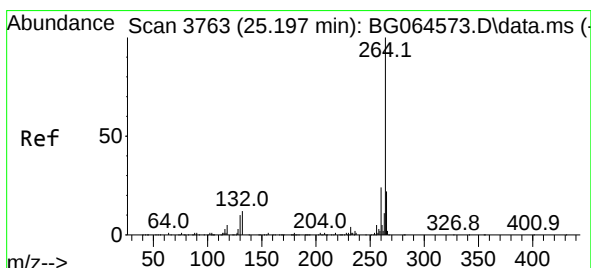
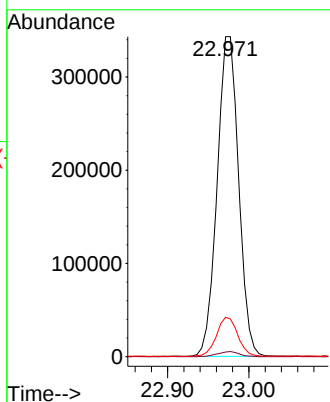
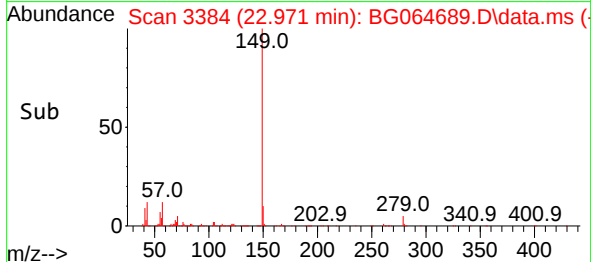
Instrument :
BNA_G
ClientSampleId :
PB170325BS



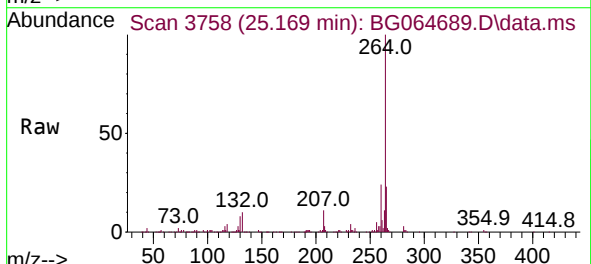
Tgt Ion:149 Resp: 630615
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.8 16.2

Manual Integrations
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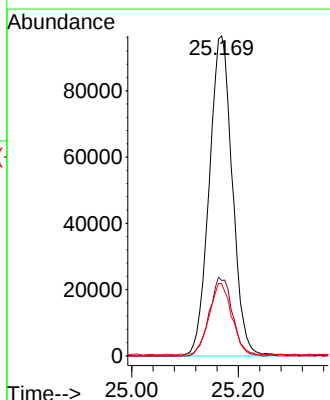
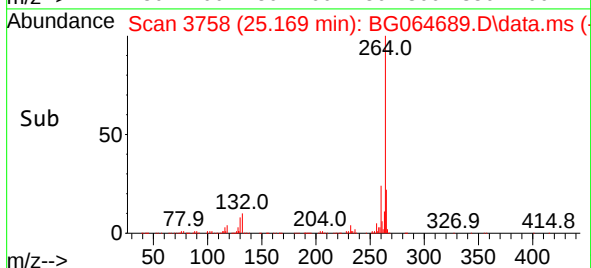
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

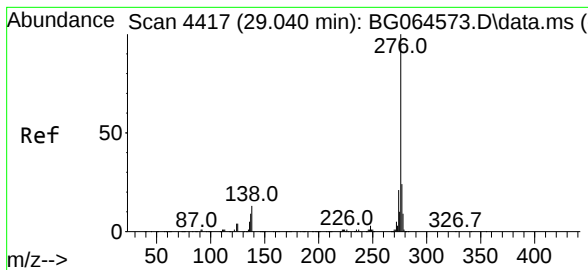


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.169 min Scan# 3758
Delta R.T. -0.028 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



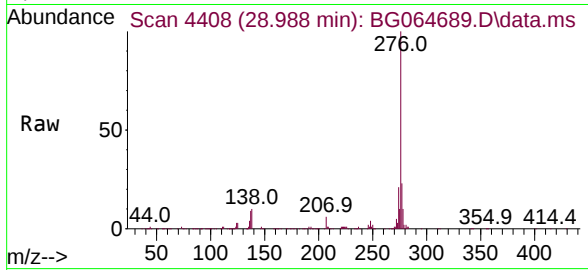
Tgt Ion:264 Resp: 290190
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.6 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.607 ng
RT: 28.988 min Scan# 4417
Delta R.T. -0.052 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

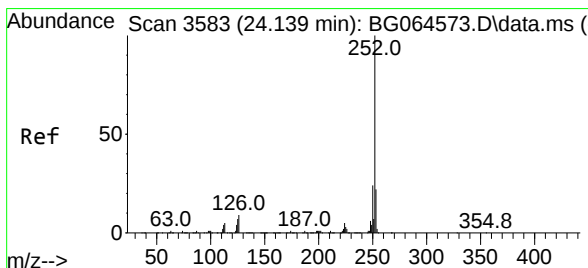
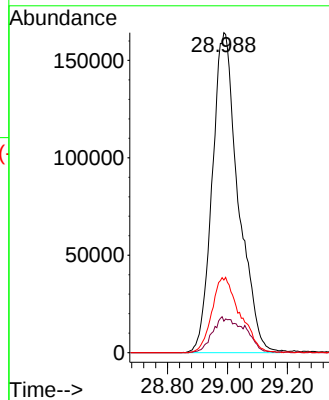
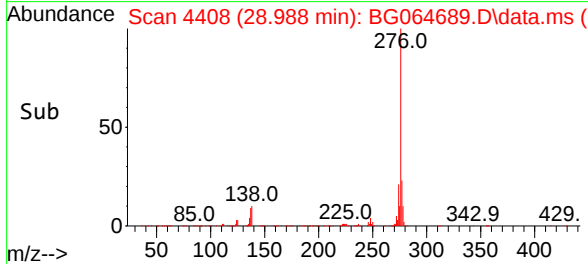
Instrument :
BNA_G
ClientSampleId :
PB170325BS



Tgt Ion:276 Resp: 994936
Ion Ratio Lower Upper
276 100
138 6.4 10.8 16.2
277 25.3 20.1 30.1

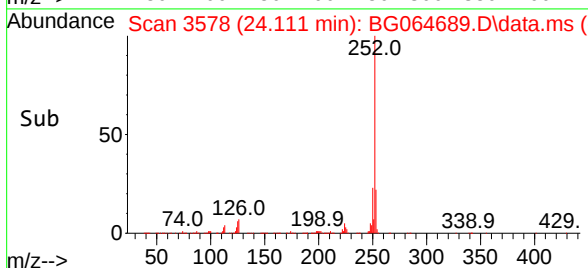
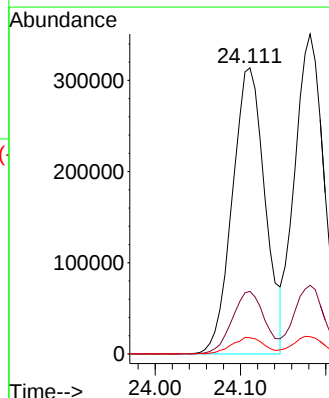
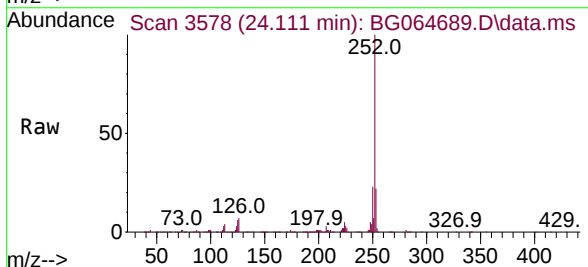
Manual Integrations
APPROVED

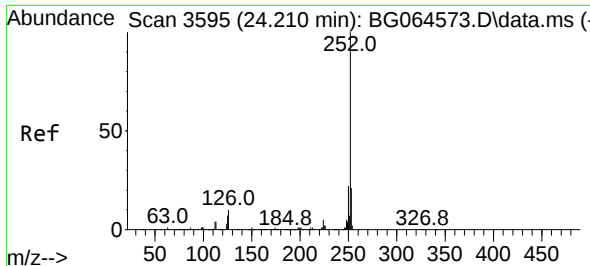
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#88
Benzo(b)fluoranthene
Concen: 47.120 ng
RT: 24.111 min Scan# 3578
Delta R.T. -0.028 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Tgt Ion:252 Resp: 838466
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.6 5.6 8.4





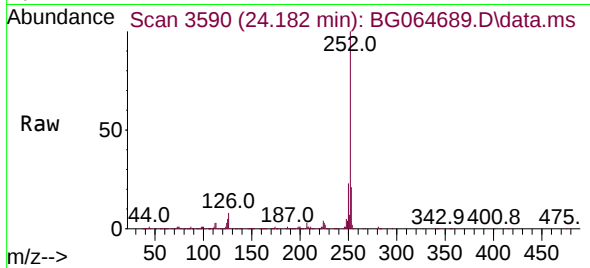
#89
Benzo(k)fluoranthene
Concen: 46.996 ng
RT: 24.182 min Scan# 3595
Delta R.T. -0.028 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

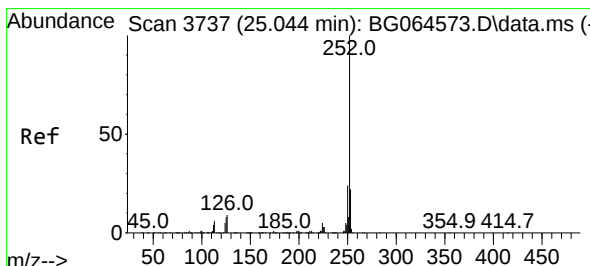
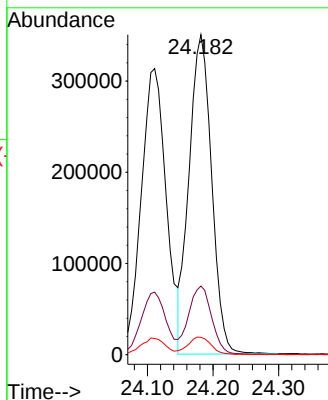
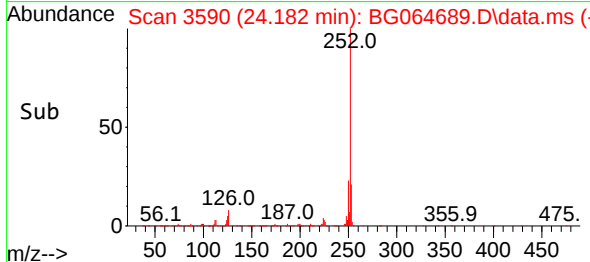


Tgt Ion:252 Resp: 836840
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 5.4 5.4 8.0

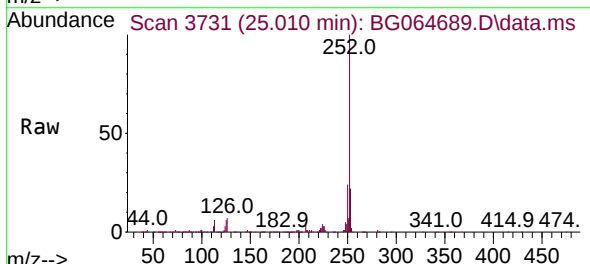
Manual Integrations

APPROVED

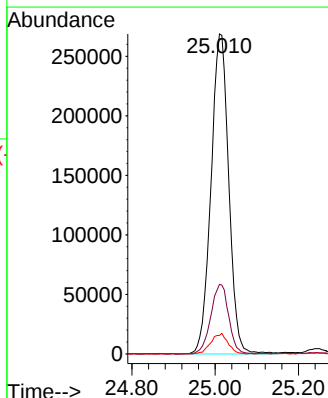
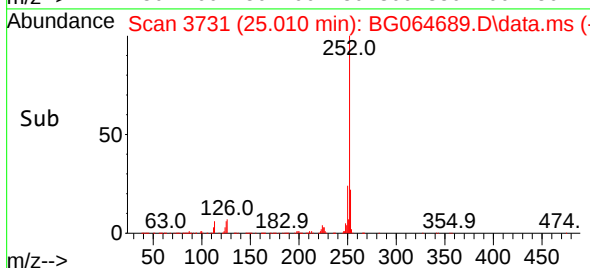
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

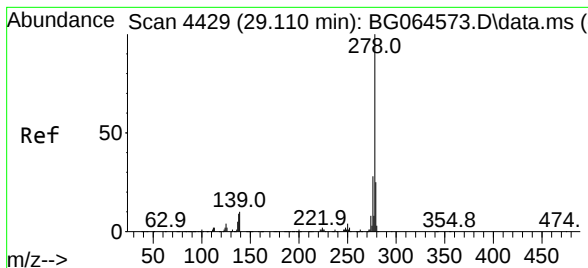


#90
Benzo(a)pyrene
Concen: 48.559 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.034 min
Lab File: BG064689.D
Acq: 5 Nov 2025 17:22



Tgt Ion:252 Resp: 794276
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 5.8 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 47.729 ng

RT: 29.058 min Scan# 44

Delta R.T. -0.052 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

Instrument :

BNA_G

ClientSampleId :

PB170325BS

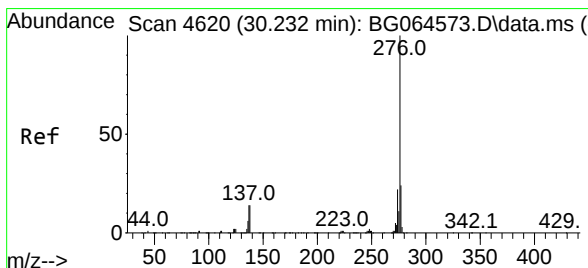
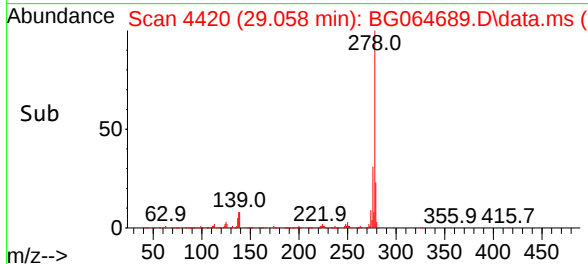
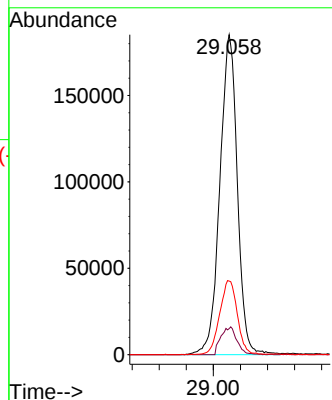
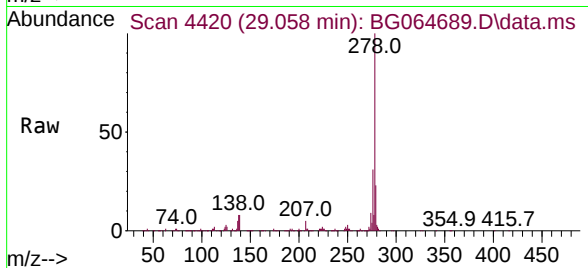
Tgt Ion:278 Resp: 827775
 Ion Ratio Lower Upper
 278 100
 139 8.2 8.0 12.0
 279 23.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 48.342 ng

RT: 30.180 min Scan# 4611

Delta R.T. -0.052 min

Lab File: BG064689.D

Acq: 5 Nov 2025 17:22

Tgt Ion:276 Resp: 800901
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.1 28.7
 138 11.0 11.3 16.9#

