

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064709.D
 Acq On : 6 Nov 2025 19:11
 Operator : RC/JU
 Sample : Q3532-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 00:32:46 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	8.201	152	29556	20.000	ng	-0.02
21) Naphthalene-d8	11.027	136	119455	20.000	ng	#-0.02
39) Acenaphthene-d10	14.823	164	96566	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	241584	20.000	ng	#-0.02
76) Chrysene-d12	21.832	240	291808	20.000	ng	#-0.03
86) Perylene-d12	25.152	264	320592	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	239376	135.942	ng	-0.02
7) Phenol-d6	7.343	99	308266	127.579	ng	-0.01
23) Nitrobenzene-d5	9.364	82	232142	116.722	ng	-0.02
42) 2,4,6-Tribromophenol	16.303	330	276903	198.677	ng	-0.02
45) 2-Fluorobiphenyl	13.454	172	642712	100.883	ng	-0.02
79) Terphenyl-d14	20.152	244	1519936	98.297	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.577	88	24758	31.758	ng	# 78
3) Pyridine	3.994	79	66673	28.479	ng	97
4) n-Nitrosodimethylamine	3.888	42	47629	37.938	ng	93
6) Aniline	7.513	93	67862	20.640	ng	100
8) 2-Chlorophenol	7.760	128	87589	47.523	ng	95
9) Benzaldehyde	7.320	77	51293	38.884	ng	93
10) Phenol	7.367	94	106871	39.994	ng	93
11) bis(2-Chloroethyl)ether	7.607	93	77803	39.601	ng	94
12) 1,3-Dichlorobenzene	8.089	146	84891	40.018	ng	98
13) 1,4-Dichlorobenzene	8.236	146	87574	40.600	ng	97
14) 1,2-Dichlorobenzene	8.559	146	89529	43.033	ng	97
15) Benzyl Alcohol	8.430	79	91580	45.962	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.724	45	196352	38.101	ng	99
17) 2-Methylphenol	8.636	107	81209	45.773	ng	# 91
18) Hexachloroethane	9.300	117	32247	42.602	ng	# 81
19) n-Nitroso-di-n-propyla...	9.006	70	73668	44.115	ng	98
20) 3+4-Methylphenols	8.959	107	112924	45.259	ng	95
22) Acetophenone	9.023	105	145973	44.703	ng	96
24) Nitrobenzene	9.405	77	111059	51.341	ng	96
25) Isophorone	9.934	82	214274	44.899	ng	98
26) 2-Nitrophenol	10.128	139	51179	60.450	ng	95
27) 2,4-Dimethylphenol	10.175	122	93473	52.656	ng	98
28) bis(2-Chloroethoxy)met...	10.410	93	119202	43.869	ng	98
29) 2,4-Dichlorophenol	10.663	162	102796	53.808	ng	97
30) 1,2,4-Trichlorobenzene	10.886	180	113109	52.109	ng	98
31) Naphthalene	11.074	128	295419	44.605	ng	99
32) Benzoic acid	10.287	122	31082m	25.951	ng	
33) 4-Chloroaniline	11.180	127	14783	5.743	ng	97
34) Hexachlorobutadiene	11.368	225	86588	51.008	ng	95
35) Caprolactam	11.938	113	25874m	35.312	ng	
36) 4-Chloro-3-methylphenol	12.278	107	120369	52.417	ng	97
37) 2-Methylnaphthalene	12.666	142	212387	43.678	ng	98
38) 1-Methylnaphthalene	12.884	142	219530	45.605	ng	98
40) 1,2,4,5-Tetrachloroben...	13.030	216	173860	53.647	ng	99
41) Hexachlorocyclopentadiene	13.019	237	196277	134.555	ng	99
43) 2,4,6-Trichlorophenol	13.260	196	109198	58.905	ng	96

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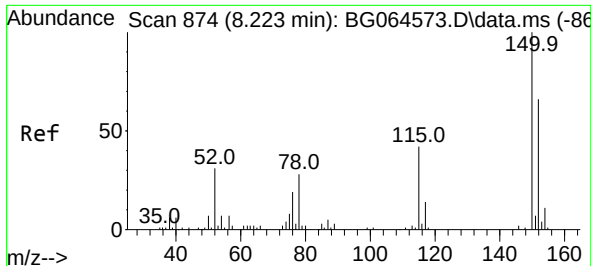
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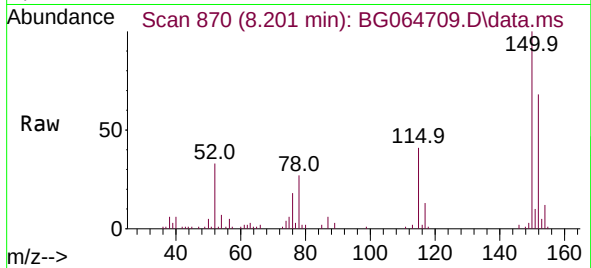
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.330	196	121363	56.732	ng	97
46) 1,1'-Biphenyl	13.659	154	335691	48.898	ng	95
47) 2-Chloronaphthalene	13.706	162	255359	49.278	ng	97
48) 2-Nitroaniline	13.894	65	92791	52.980	ng	99
49) Acenaphthylene	14.546	152	463794	56.742	ng	99
50) Dimethylphthalate	14.270	163	373943	50.606	ng	99
51) 2,6-Dinitrotoluene	14.382	165	79683	64.200	ng	93
52) Acenaphthene	14.887	154	290365	51.995	ng	99
53) 3-Nitroaniline	14.711	138	28551	22.483	ng	97
54) 2,4-Dinitrophenol	14.917	184	59075	79.033	ng	# 36
55) Dibenzofuran	15.222	168	457090	50.628	ng	99
56) 4-Nitrophenol	15.011	139	103311	87.748	ng	90
57) 2,4-Dinitrotoluene	15.169	165	116457	60.902	ng	91
58) Fluorene	15.862	166	367651	52.143	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.439	232	129888	63.495	ng	98
60) Diethylphthalate	15.627	149	375011	49.705	ng	98
61) 4-Chlorophenyl-phenyle...	15.851	204	214895	54.309	ng	98
62) 4-Nitroaniline	15.868	138	74711	52.883	ng	92
63) Azobenzene	16.144	77	320301	46.269	ng	97
65) 4,6-Dinitro-2-methylph...	15.927	198	58468	54.209	ng	93
66) n-Nitrosodiphenylamine	16.062	169	328027	50.266	ng	100
67) 4-Bromophenyl-phenylether	16.744	248	161612	56.451	ng	97
68) Hexachlorobenzene	16.867	284	187523	57.416	ng	93
69) Atrazine	17.002	200	149873	53.368	ng	98
70) Pentachlorophenol	17.208	266	172473	84.684	ng	93
71) Phenanthrene	17.602	178	655804	49.640	ng	100
72) Anthracene	17.690	178	666678	49.608	ng	99
73) Carbazole	17.954	167	562490	47.465	ng	99
74) Di-n-butylphthalate	18.506	149	644855	47.057	ng	98
75) Fluoranthene	19.599	202	837435	50.599	ng	96
77) Benzidine	19.764	184	104350	15.961	ng	96
78) Pyrene	19.958	202	869262	45.594	ng	100
80) Butylbenzylphthalate	20.827	149	294123	51.044	ng	94
81) Benzo(a)anthracene	21.808	228	986011	50.961	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	147285	22.796	ng	96
83) Chrysene	21.879	228	917623	49.843	ng	98
84) Bis(2-ethylhexyl)phtha...	21.709	149	432047	50.179	ng	99
85) Di-n-octyl phthalate	22.960	149	749550	51.634	ng	95
87) Indeno(1,2,3-cd)pyrene	28.971	276	1250373	53.018	ng	# 97
88) Benzo(b)fluoranthene	24.100	252	1022561	52.016	ng	# 98
89) Benzo(k)fluoranthene	24.170	252	1017424	51.719	ng	98
90) Benzo(a)pyrene	24.999	252	978168	54.131	ng	# 97
91) Dibenzo(a,h)anthracene	29.041	278	1027255	53.614	ng	# 96
92) Benzo(g,h,i)perylene	30.157	276	993251	54.267	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.201 min Scan# 81
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

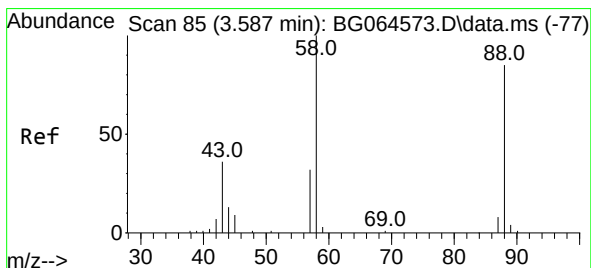
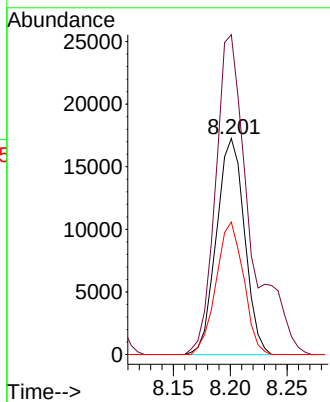
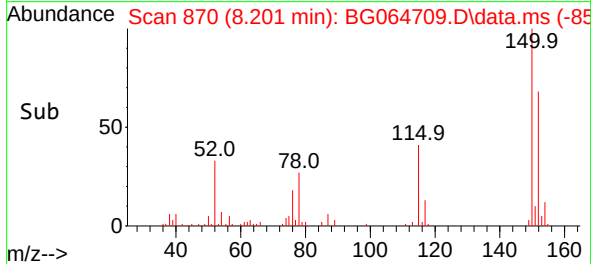
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:152 Resp: 29556
Ion Ratio Lower Upper
152 100
150 148.1 122.2 183.4
115 61.4 50.8 76.2

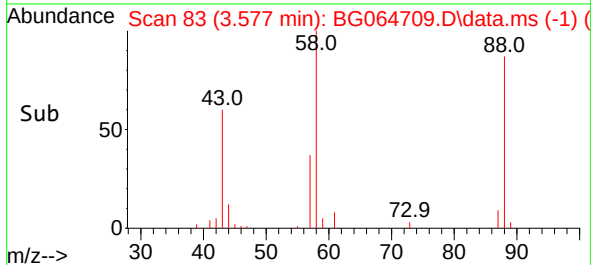
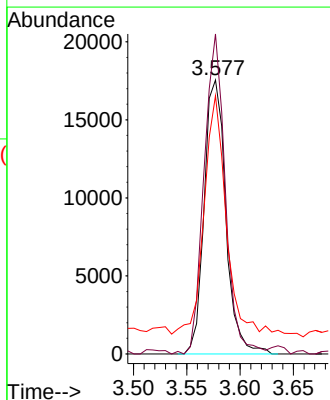
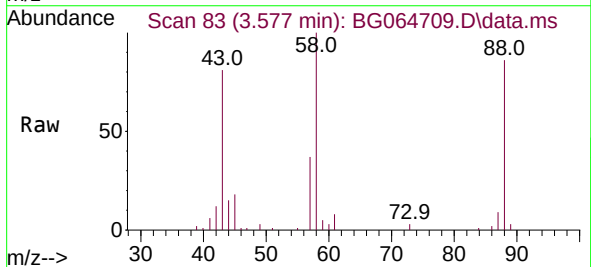
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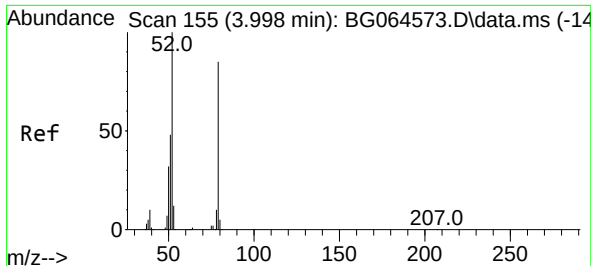
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 31.758 ng
RT: 3.577 min Scan# 83
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

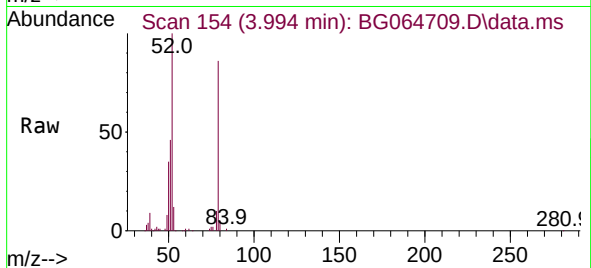
Tgt Ion: 88 Resp: 24758
Ion Ratio Lower Upper
88 100
58 114.5 92.4 138.6
43 93.0 33.0 49.6#





#3
 Pyridine
 Concen: 28.479 ng
 RT: 3.994 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

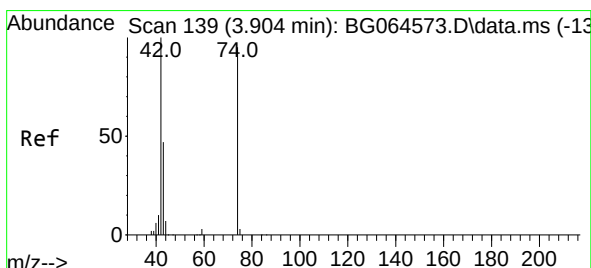
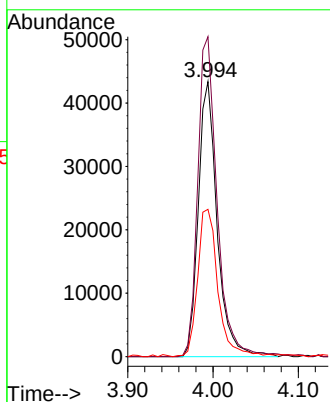
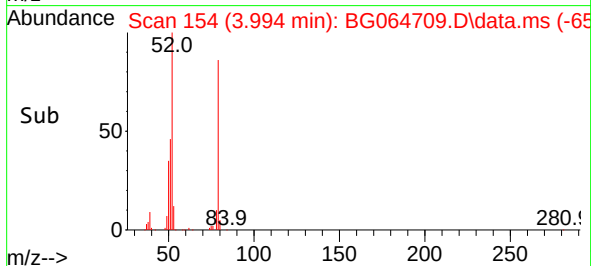
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



Tgt Ion: 79 Resp: 66673
 Ion Ratio Lower Upper
 79 100
 52 116.4 94.2 141.2
 51 53.5 46.1 69.1

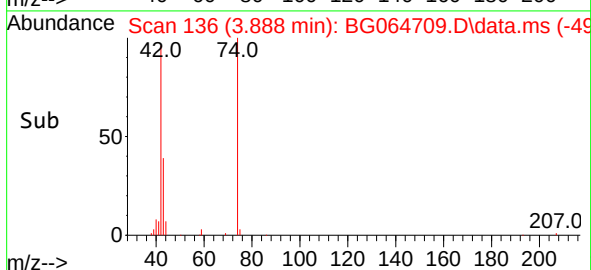
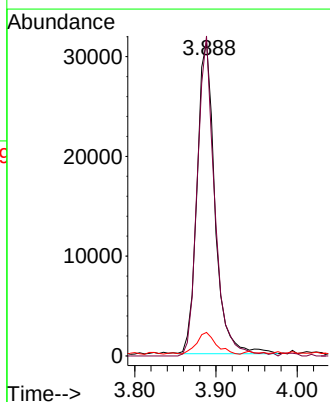
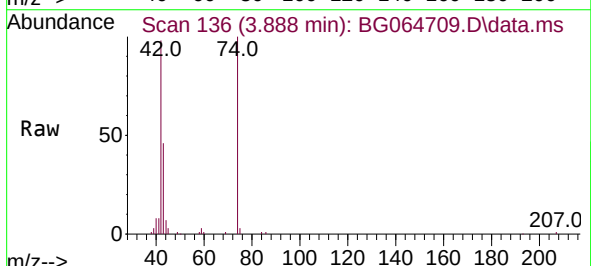
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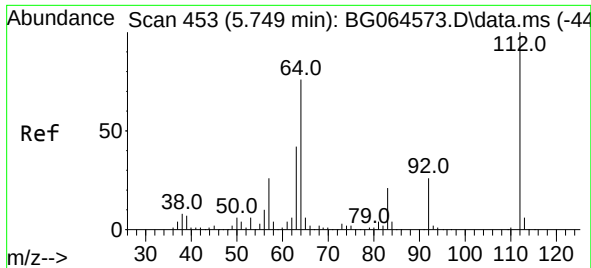
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#4
 n-Nitrosodimethylamine
 Concen: 37.938 ng
 RT: 3.888 min Scan# 136
 Delta R.T. -0.016 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

Tgt Ion: 42 Resp: 47629
 Ion Ratio Lower Upper
 42 100
 74 102.0 76.1 114.1
 44 7.5 6.3 9.5





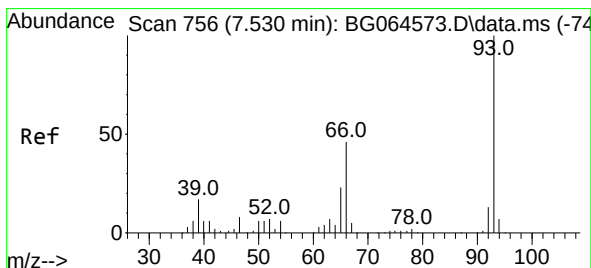
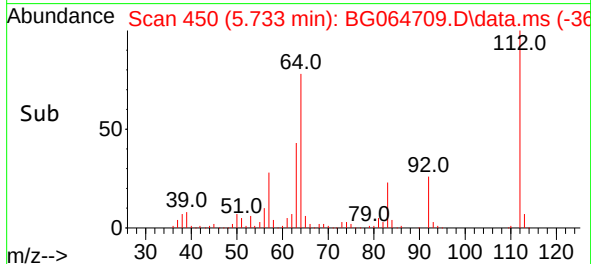
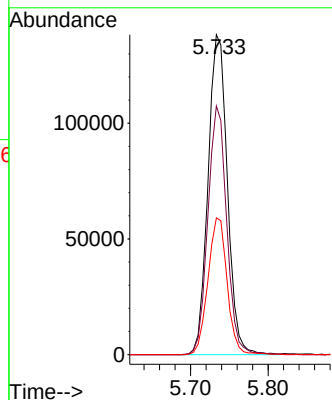
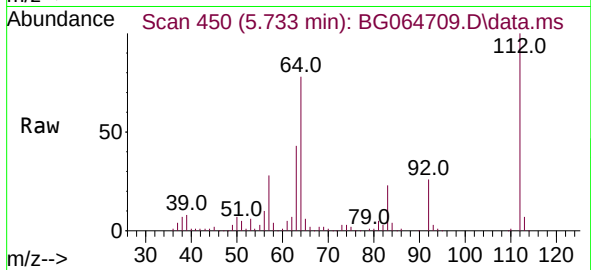
#5
2-Fluorophenol
Concen: 135.942 ng
RT: 5.733 min Scan# 411
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:112 Resp: 239376
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 42.7 33.4 50.0

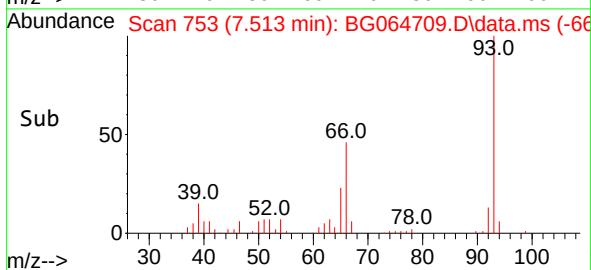
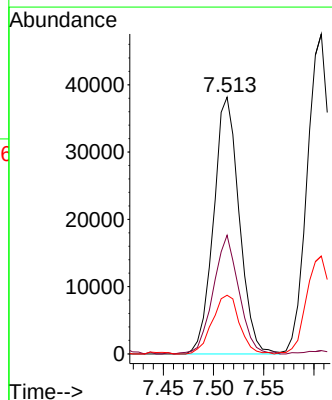
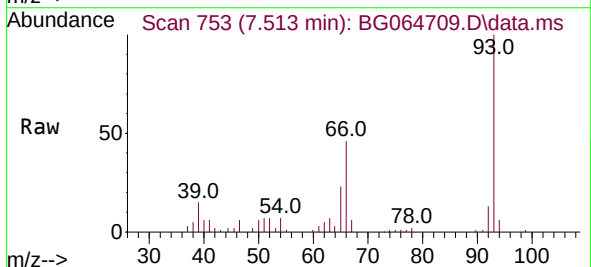
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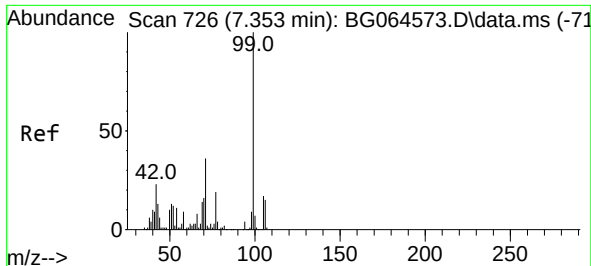
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 20.640 ng
RT: 7.513 min Scan# 753
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

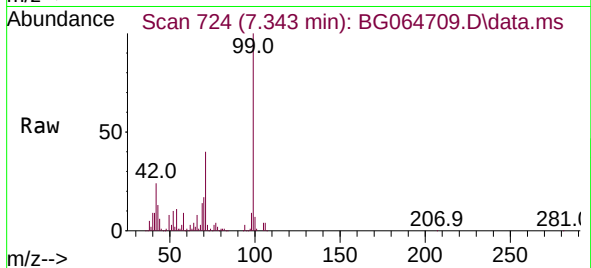
Tgt Ion: 93 Resp: 67862
Ion Ratio Lower Upper
93 100
66 46.3 37.0 55.6
65 22.8 18.3 27.5





#7
Phenol-d6
Concen: 127.579 ng
RT: 7.343 min Scan# 711
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

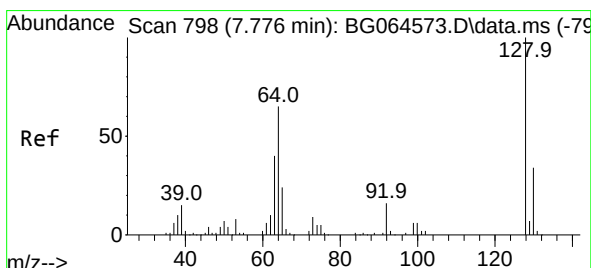
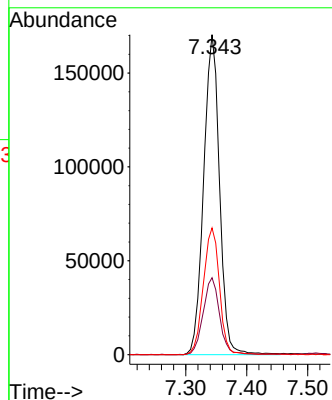
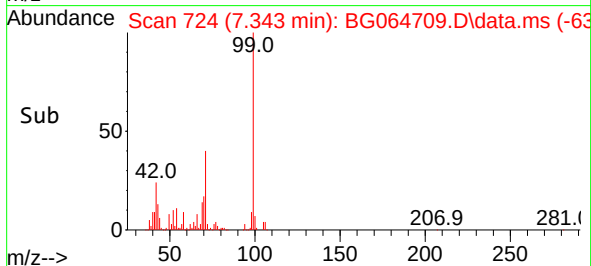
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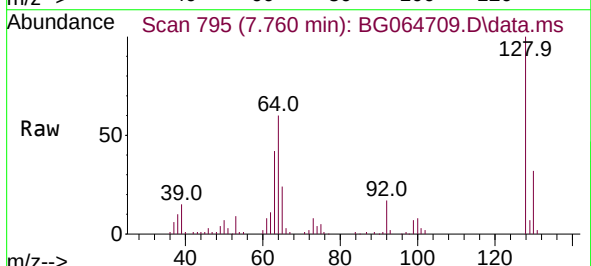
Tgt Ion: 99 Resp: 308266
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 39.6 28.6 43.0

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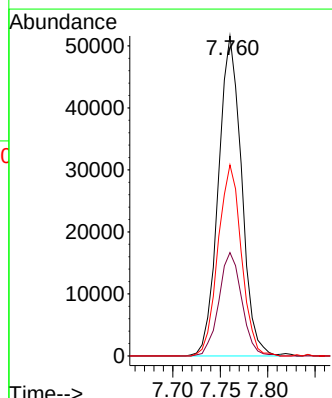
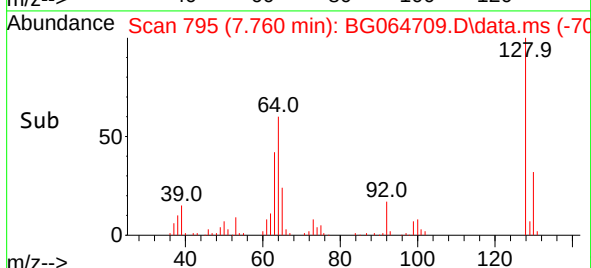
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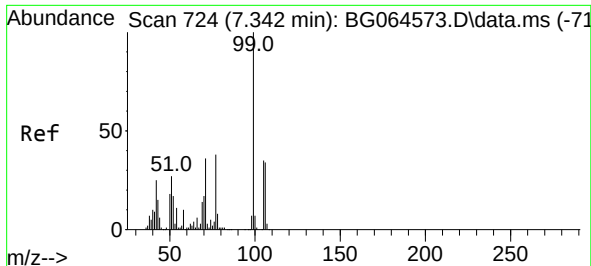


#8
2-Chlorophenol
Concen: 47.523 ng
RT: 7.760 min Scan# 795
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



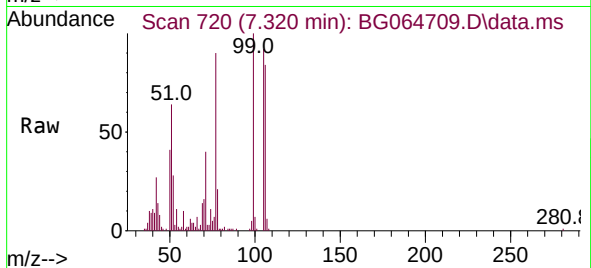
Tgt Ion:128 Resp: 87589
Ion Ratio Lower Upper
128 100
130 32.3 13.5 53.5
64 59.7 45.2 85.2





#9
Benzaldehyde
Concen: 38.884 ng
RT: 7.320 min Scan# 71
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

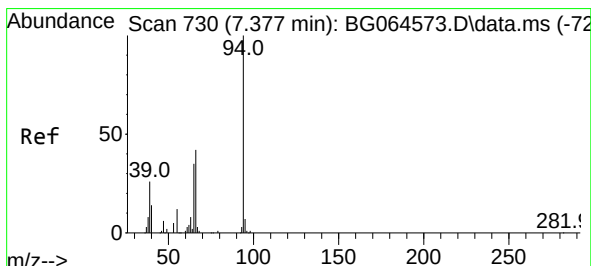
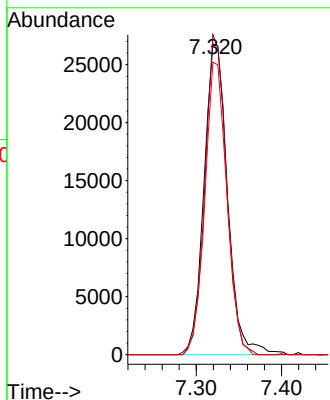
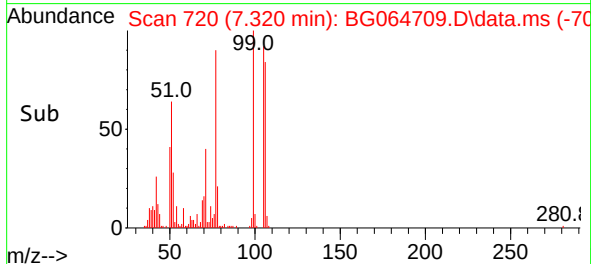
Instrument :
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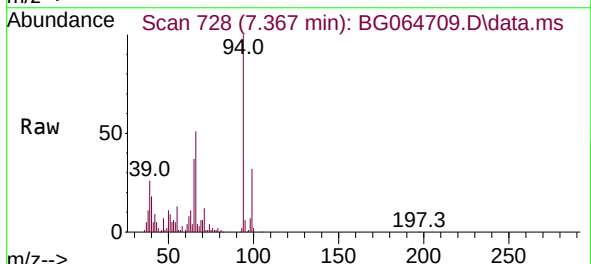
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Ion Ratio Lower Upper
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105 103.0 72.9 112.9
106 94.2 70.8 110.8

Manual Integrations
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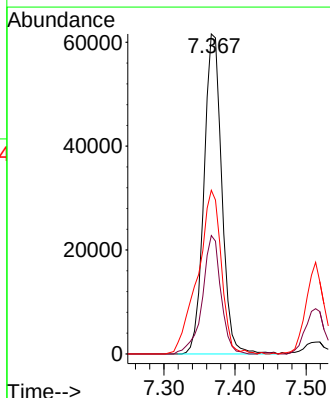
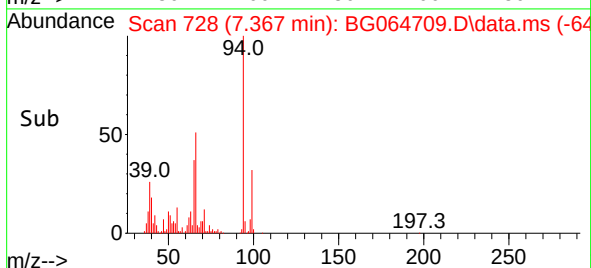
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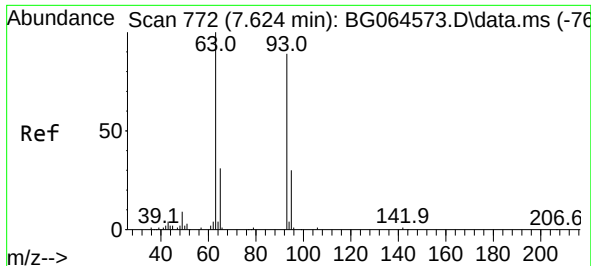


#10
Phenol
Concen: 39.994 ng
RT: 7.367 min Scan# 728
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



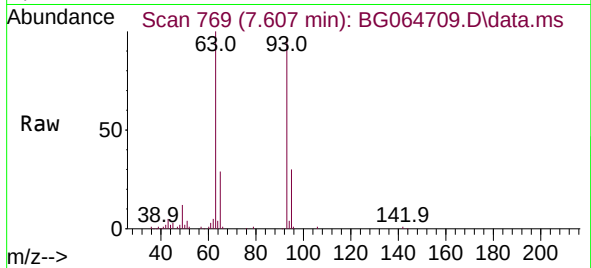
Tgt Ion: 94 Resp: 106871
Ion Ratio Lower Upper
94 100
65 37.0 15.8 55.8
66 51.1 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 39.601 ng
RT: 7.607 min Scan# 769
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

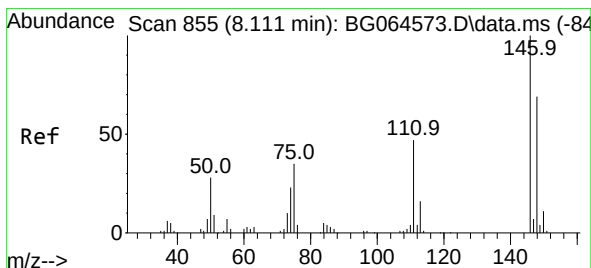
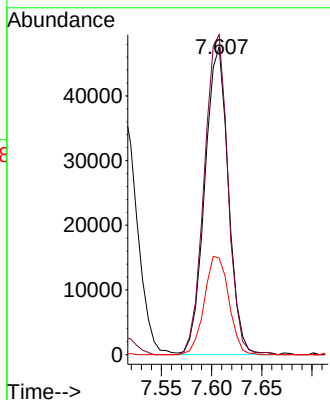
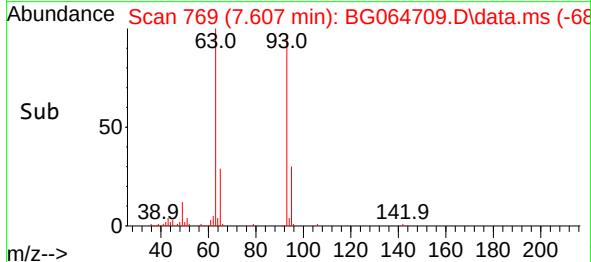
Instrument :
BNA_G
ClientSampleId :
TP-1MS



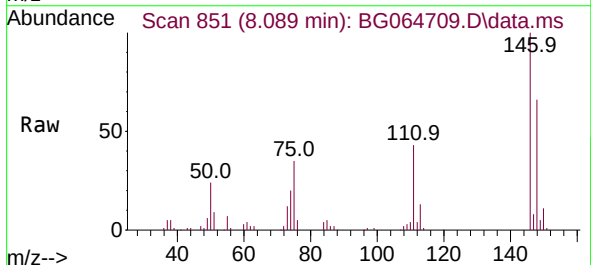
Tgt Ion: 93 Resp: 77803
Ion Ratio Lower Upper
93 100
63 104.0 91.3 131.3
95 31.4 13.3 53.3

Manual Integrations
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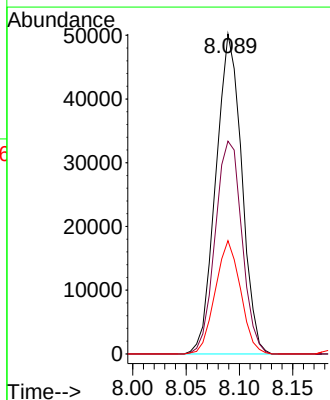
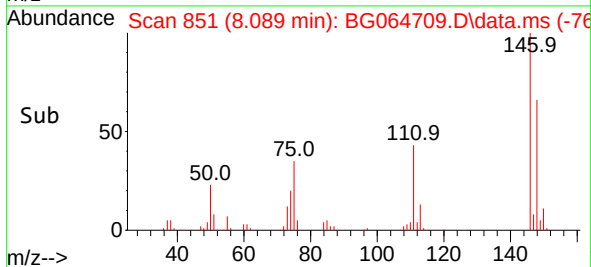
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

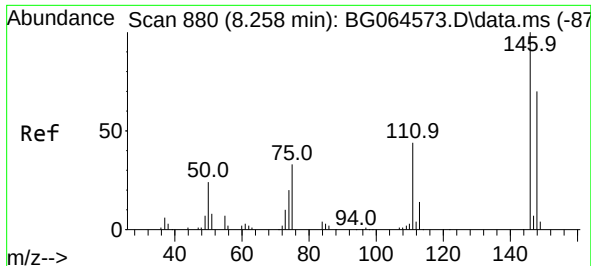


#12
1,3-Dichlorobenzene
Concen: 40.018 ng
RT: 8.089 min Scan# 851
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



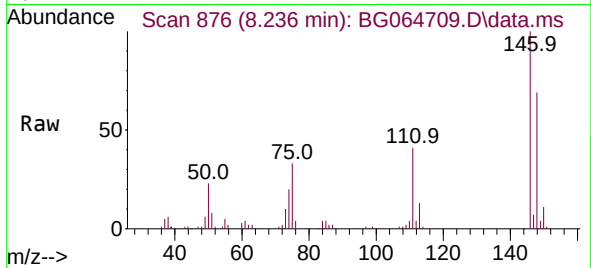
Tgt Ion:146 Resp: 84891
Ion Ratio Lower Upper
146 100
148 66.5 55.3 82.9
75 35.4 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 40.600 ng
RT: 8.236 min Scan# 81
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

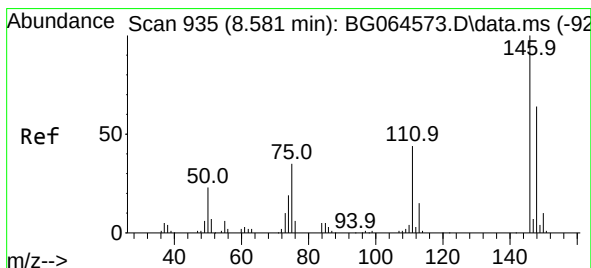
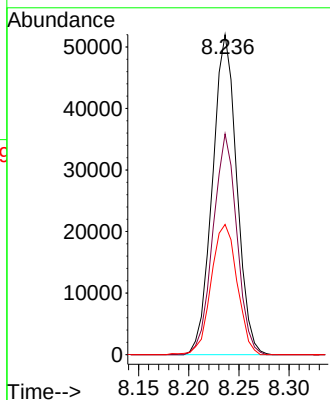
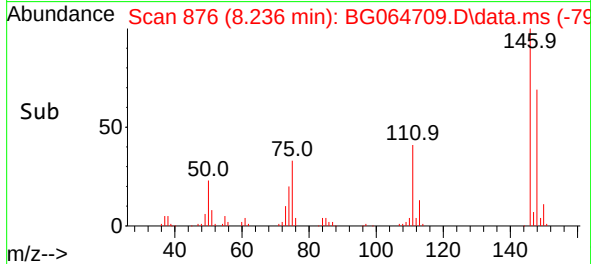
Instrument :
BNA_G
ClientSampleId :
TP-1MS



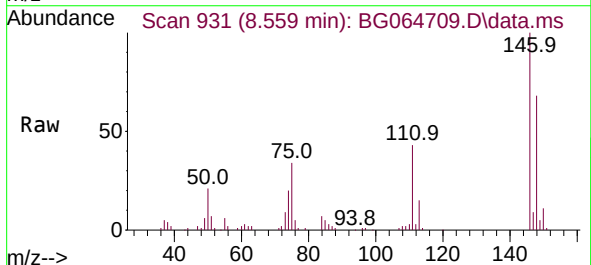
Tgt Ion:146 Resp: 87574
Ion Ratio Lower Upper
146 100
148 69.0 56.2 84.4
111 40.7 35.4 53.0

Manual Integrations
APPROVED

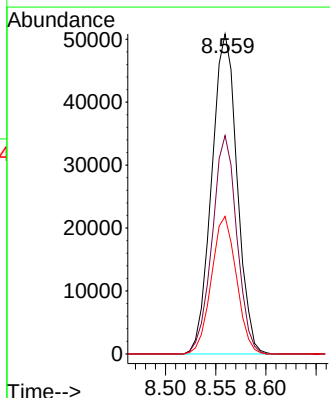
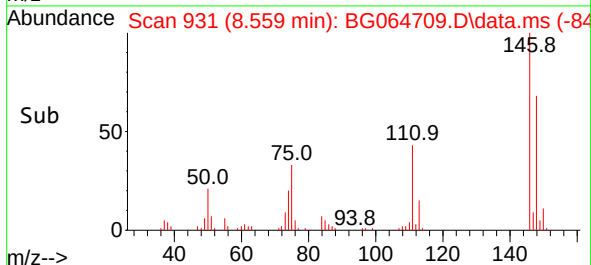
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

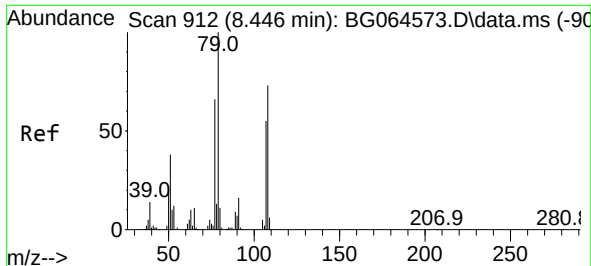


#14
1,2-Dichlorobenzene
Concen: 43.033 ng
RT: 8.559 min Scan# 931
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



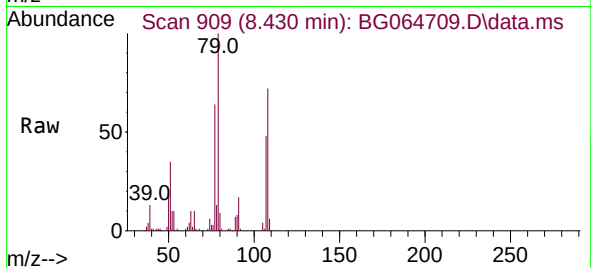
Tgt Ion:146 Resp: 89529
Ion Ratio Lower Upper
146 100
148 68.2 51.5 77.3
111 43.0 35.0 52.6





#15
Benzyl Alcohol
Concen: 45.962 ng
RT: 8.430 min Scan# 909
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

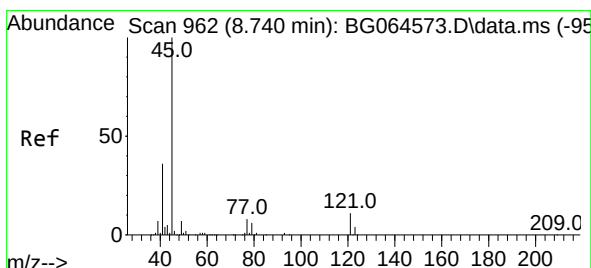
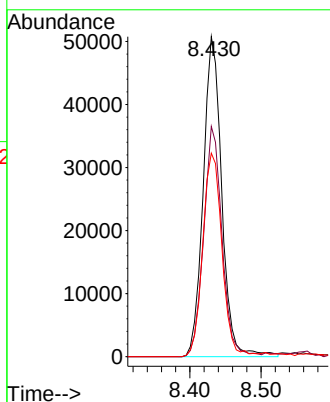
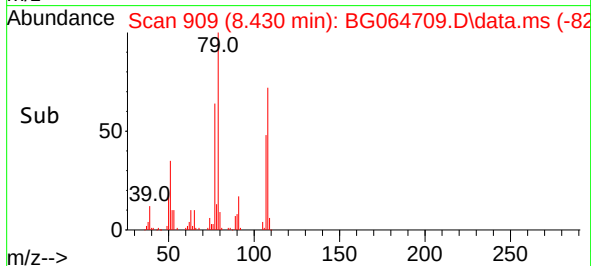
Instrument :
BNA_G
Client SampleId :
TP-1MS



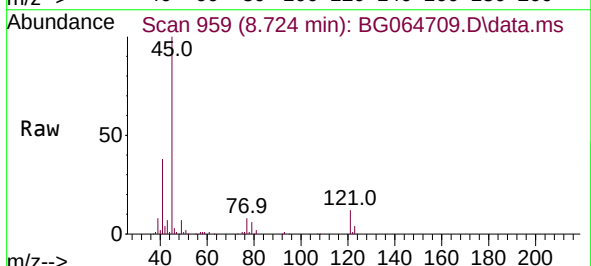
Tgt Ion: 79 Resp: 91580
Ion Ratio Lower Upper
79 100
108 71.9 58.1 87.1
77 63.6 52.8 79.2

Manual Integrations
APPROVED

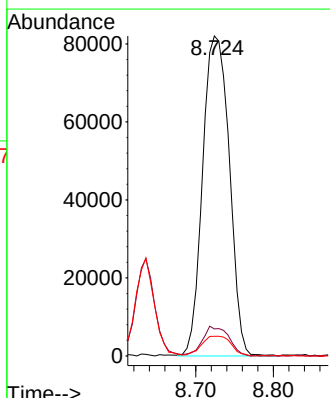
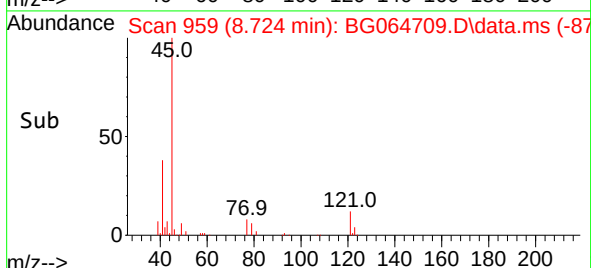
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

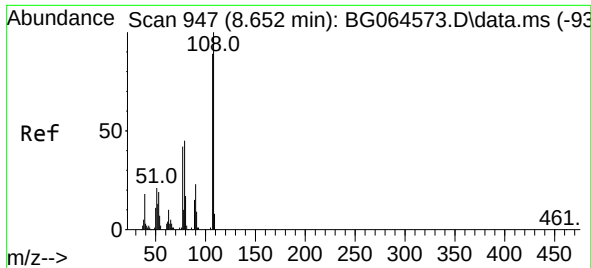


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.101 ng
RT: 8.724 min Scan# 959
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



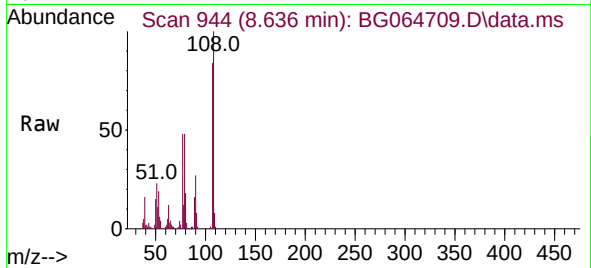
Tgt Ion: 45 Resp: 196352
Ion Ratio Lower Upper
45 100
77 8.4 0.0 28.5
79 6.1 0.0 25.6





#17
2-Methylphenol
Concen: 45.773 ng
RT: 8.636 min Scan# 947
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

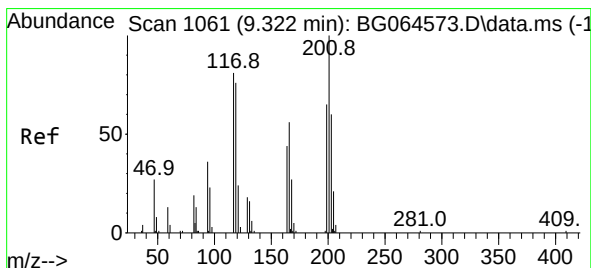
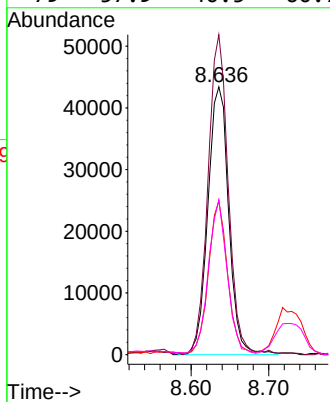
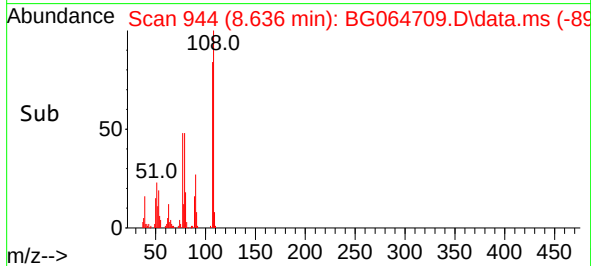
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:107 Resp: 81209
Ion Ratio Lower Upper
107 100
108 119.5 90.0 135.0
77 57.3 37.8 56.8
79 57.9 40.5 60.7

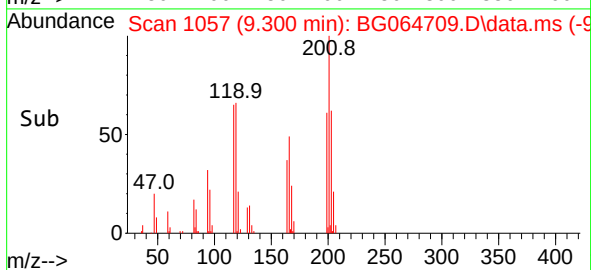
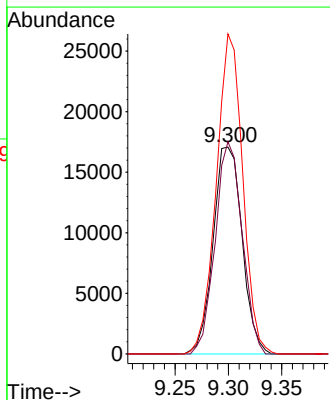
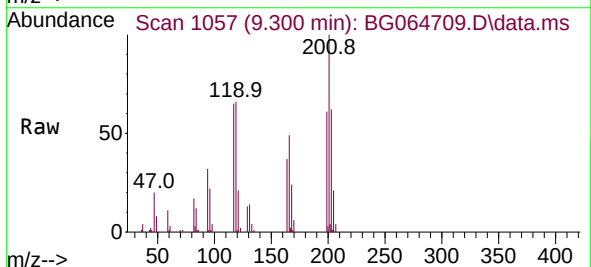
Manual Integrations
APPROVED

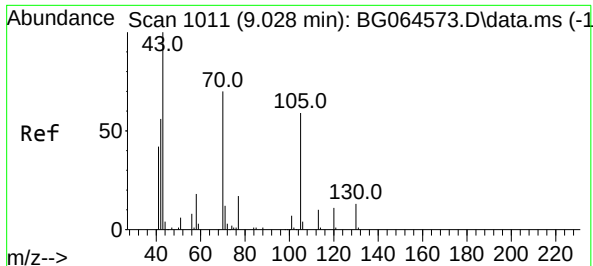
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 42.602 ng
RT: 9.300 min Scan# 1057
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

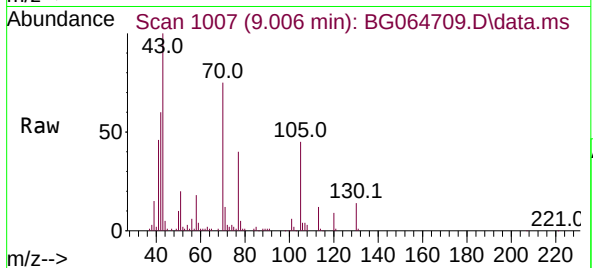
Tgt Ion:117 Resp: 32247
Ion Ratio Lower Upper
117 100
119 102.5 75.4 113.2
201 154.7 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.115 ng
RT: 9.006 min Scan# 10
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

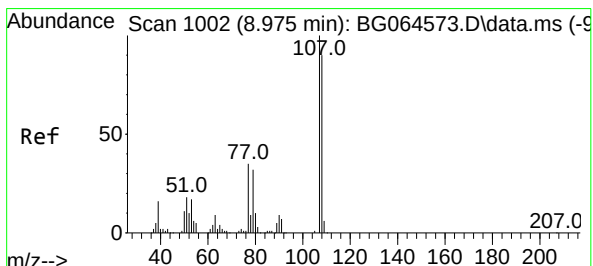
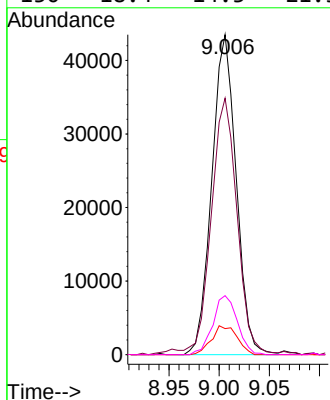
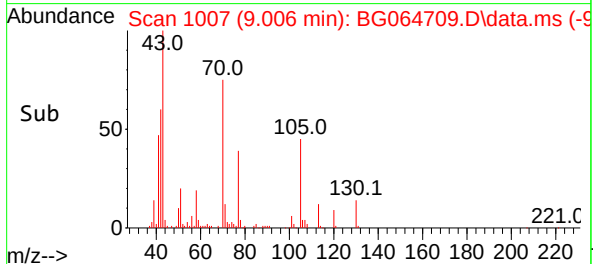
Instrument :
BNA_G
ClientSampleId :
TP-1MS



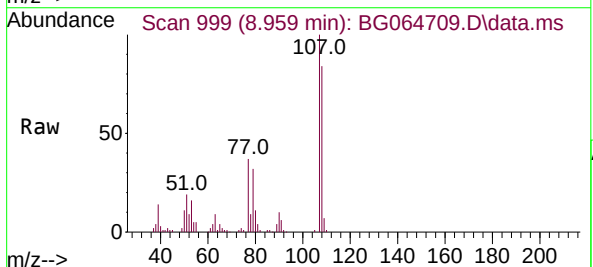
Tgt Ion: 70 Resp: 73668
Ion Ratio Lower Upper
70 100
42 80.1 65.2 97.8
101 8.1 7.9 11.9
130 18.4 14.3 21.5

Manual Integrations
APPROVED

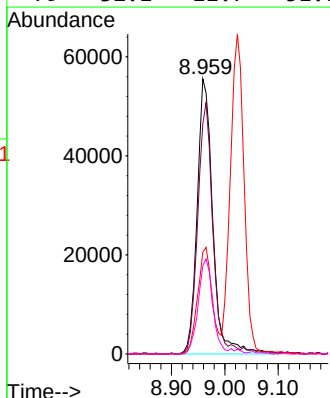
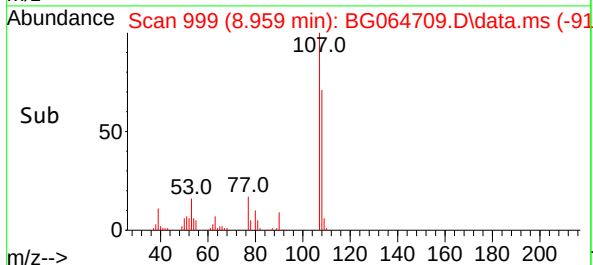
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

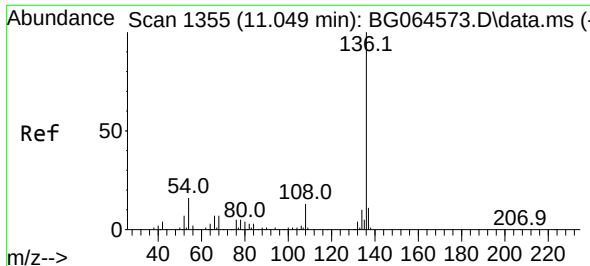


#20
3+4-Methylphenols
Concen: 45.259 ng
RT: 8.959 min Scan# 999
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



Tgt Ion:107 Resp: 112924
Ion Ratio Lower Upper
107 100
108 83.8 70.3 110.3
77 37.0 14.6 54.6
79 32.1 11.7 51.7





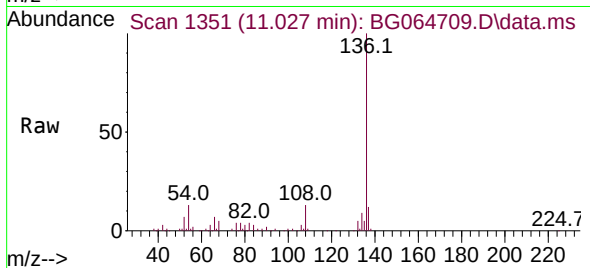
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.027 min Scan# 1355
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

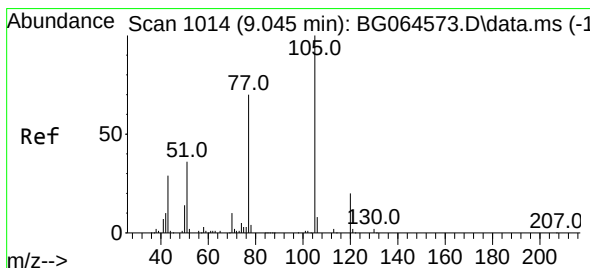
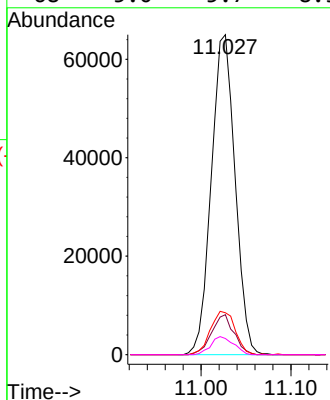
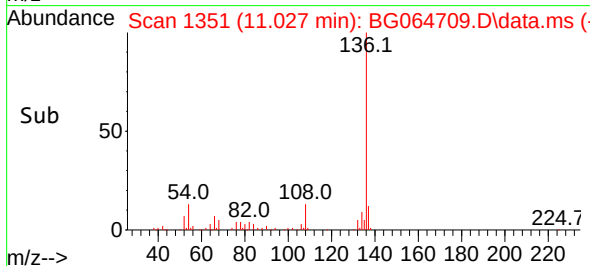


Tgt Ion:136 Resp: 119455
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 13.1 12.6 19.0
68 5.0 5.7 8.5#

Manual Integrations

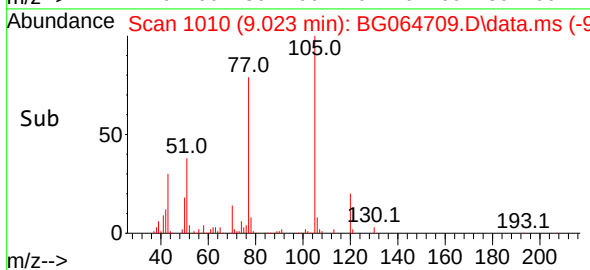
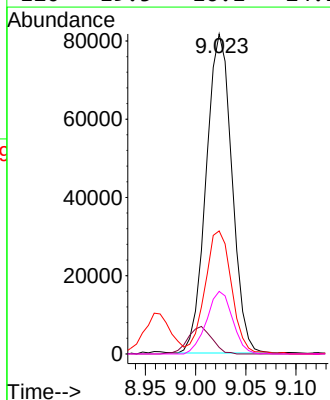
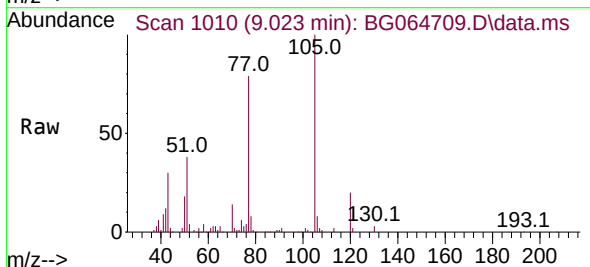
APPROVED

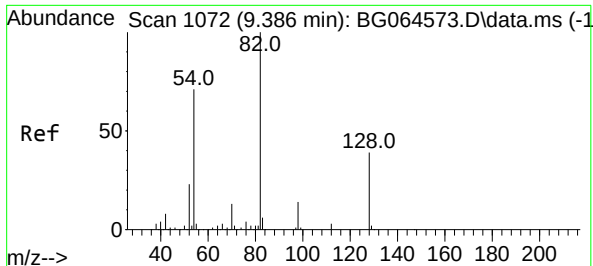
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 44.703 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:105 Resp: 145973
Ion Ratio Lower Upper
105 100
71 2.0 1.5 2.3
51 38.4 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 116.722 ng

RT: 9.364 min Scan# 1068

Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

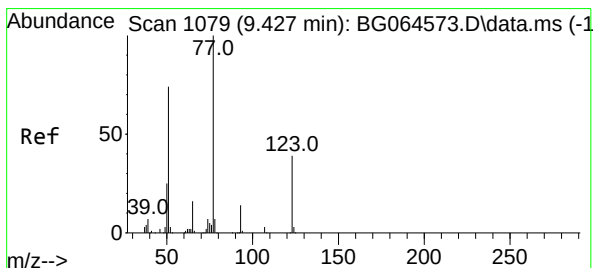
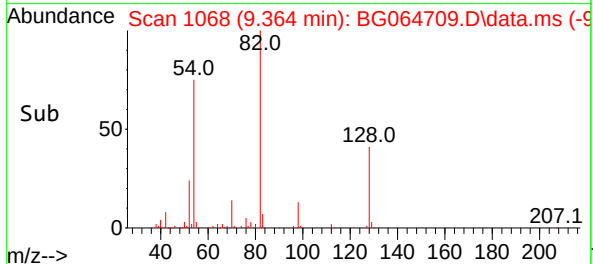
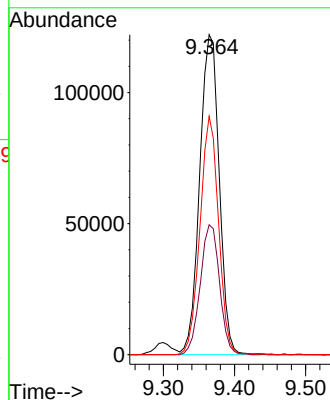
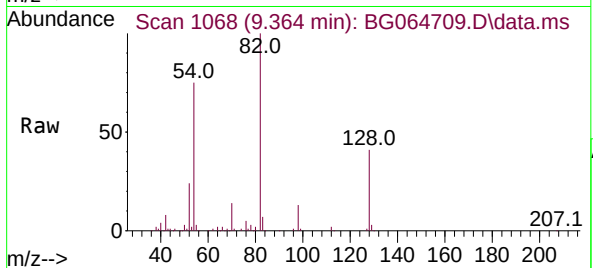
Tgt Ion:	82	Resp:	23214
Ion Ratio	Lower	Upper	
82	100		
128	40.6	31.3	46.9
54	74.5	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 51.341 ng

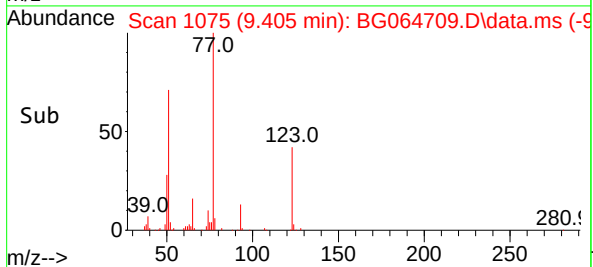
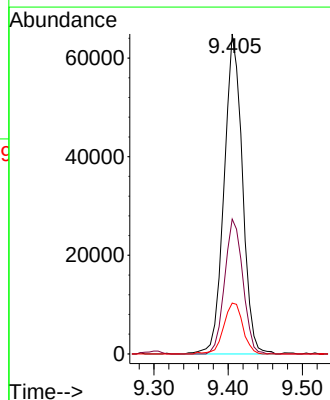
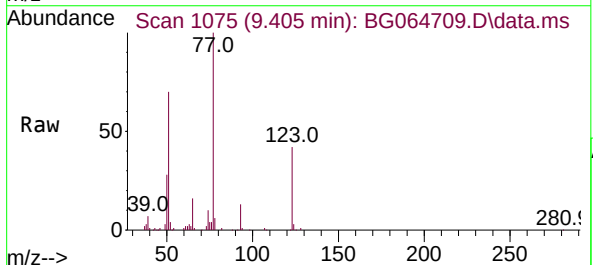
RT: 9.405 min Scan# 1075

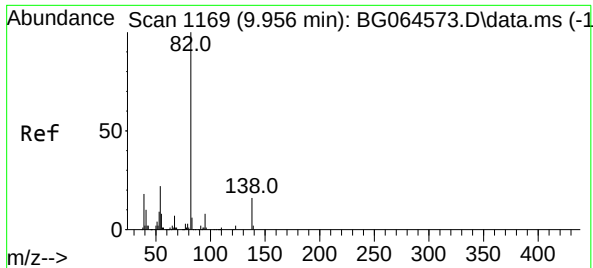
Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

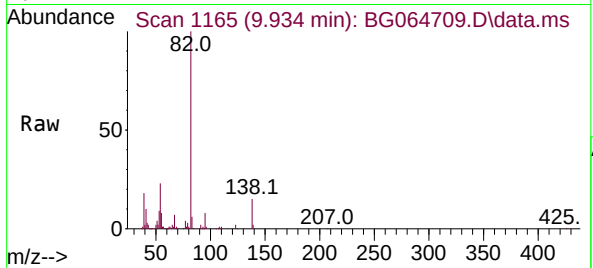
Tgt Ion:	77	Resp:	111059
Ion Ratio	Lower	Upper	
77	100		
123	42.1	31.0	46.6
65	15.9	12.7	19.1





#25
Isophorone
Concen: 44.899 ng
RT: 9.934 min Scan# 1165
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

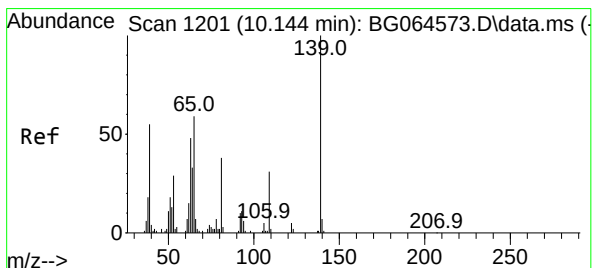
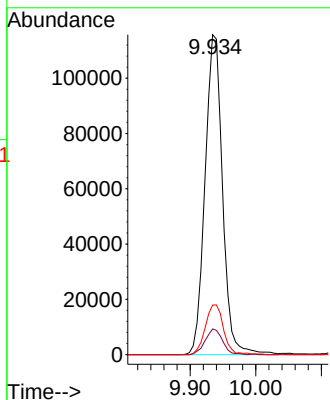
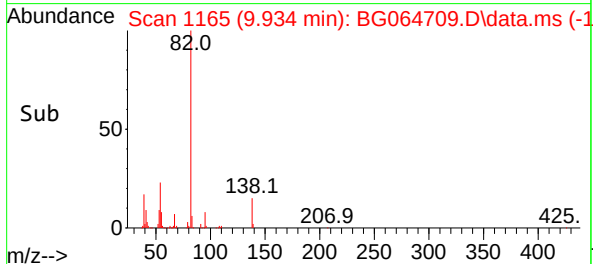
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 214274
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 15.5 13.0 19.4

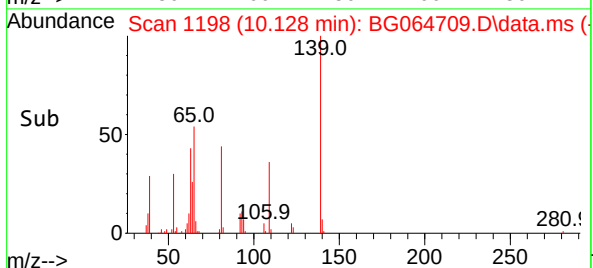
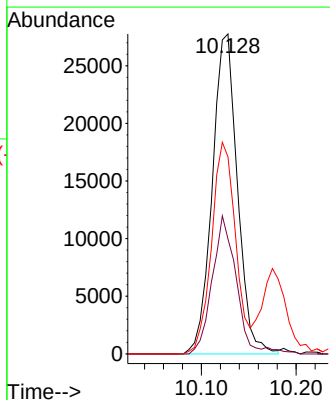
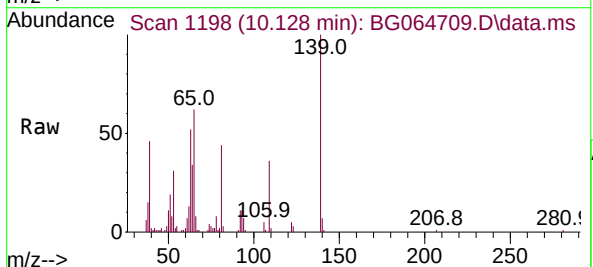
Manual Integrations
APPROVED

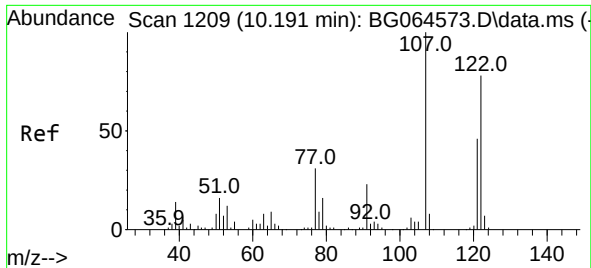
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 60.450 ng
RT: 10.128 min Scan# 1198
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

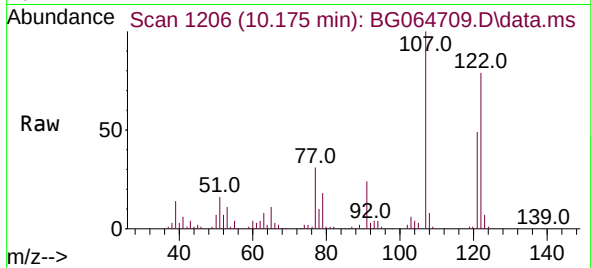
Tgt Ion:139 Resp: 51179
Ion Ratio Lower Upper
139 100
109 35.9 24.6 37.0
65 61.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 52.656 ng
RT: 10.175 min Scan# 1206
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

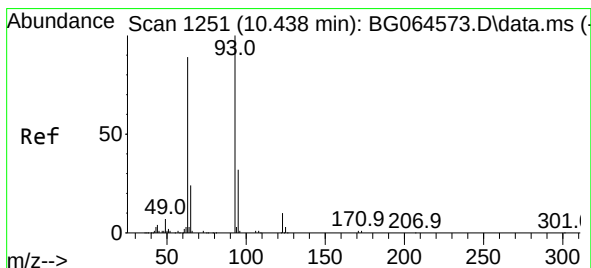
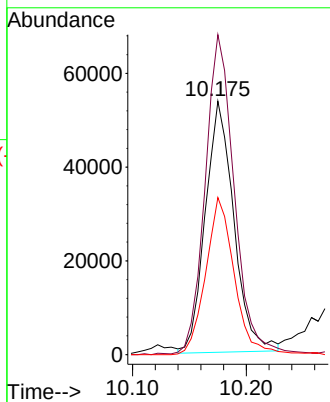
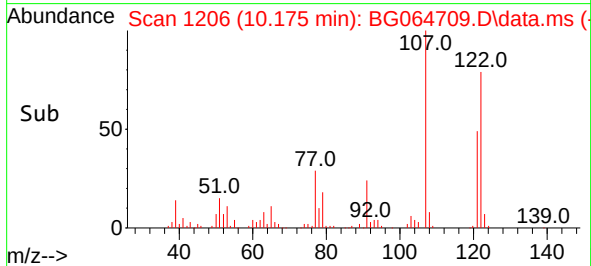
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:122 Resp: 93473
Ion Ratio Lower Upper
122 100
107 126.3 103.0 154.4
121 62.0 47.8 71.8

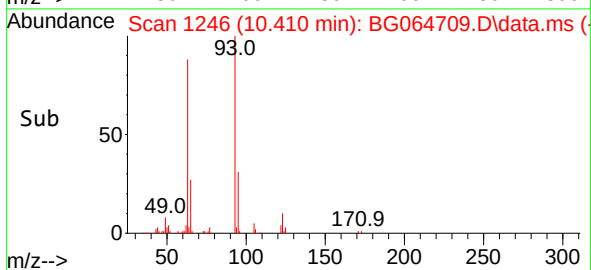
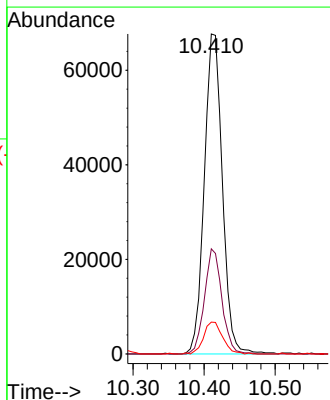
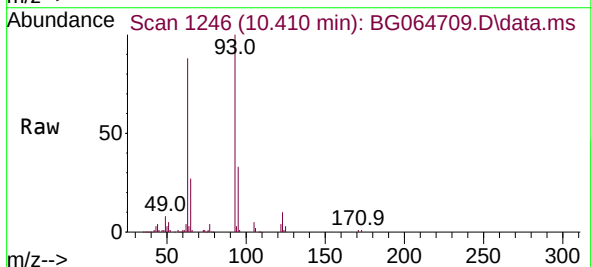
Manual Integrations
APPROVED

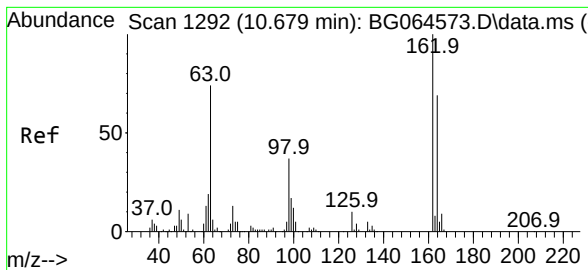
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.869 ng
RT: 10.410 min Scan# 1246
Delta R.T. -0.028 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

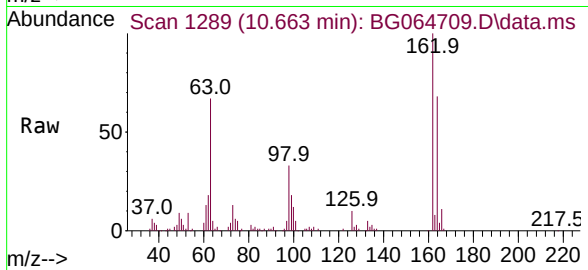
Tgt Ion: 93 Resp: 119202
Ion Ratio Lower Upper
93 100
95 32.8 25.4 38.2
123 9.9 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 53.808 ng
RT: 10.663 min Scan# 1289
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

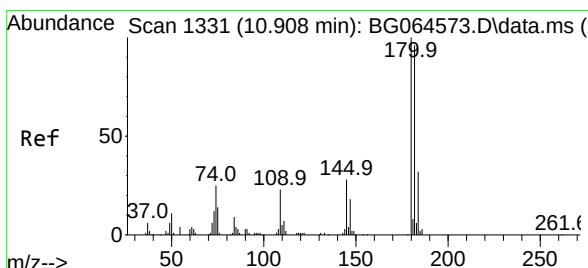
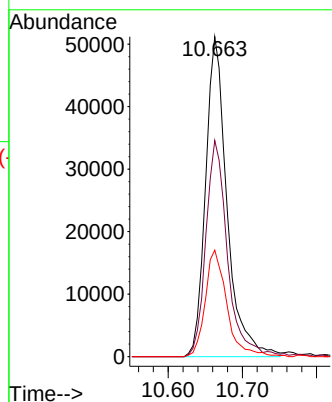
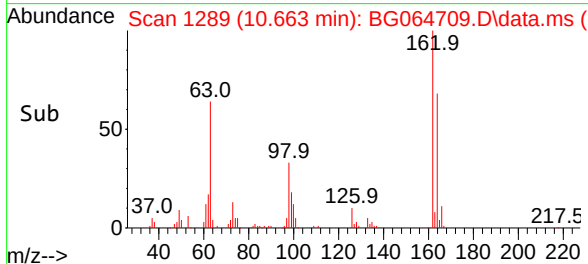
Instrument :
BNA_G
ClientSampleId :
TP-1MS



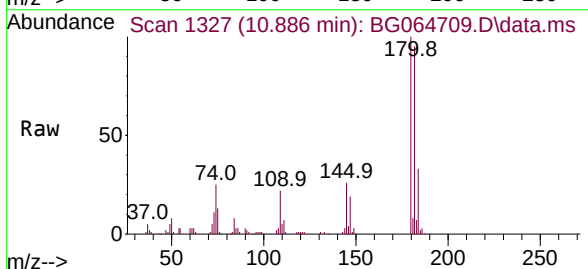
Tgt Ion:162 Resp: 102796
Ion Ratio Lower Upper
162 100
164 67.5 48.7 88.7
98 33.3 16.9 56.9

Manual Integrations
APPROVED

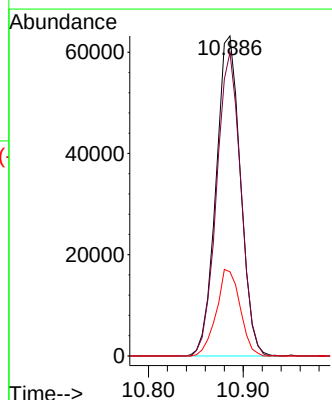
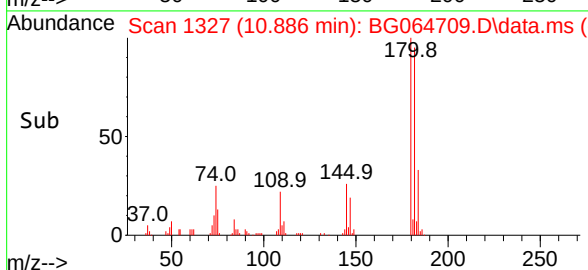
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

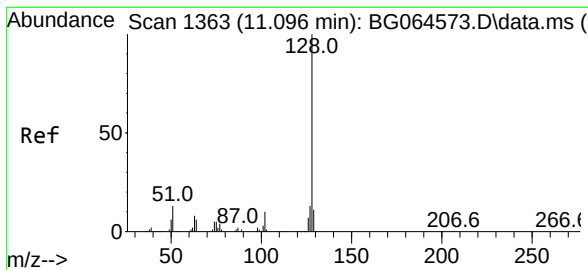


#30
1,2,4-Trichlorobenzene
Concen: 52.109 ng
RT: 10.886 min Scan# 1327
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



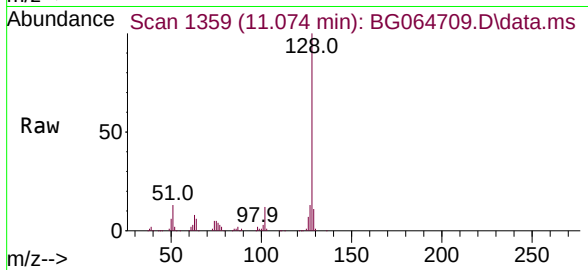
Tgt Ion:180 Resp: 113109
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 26.3 22.1 33.1





#31
Naphthalene
Concen: 44.605 ng
RT: 11.074 min Scan# 1363
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

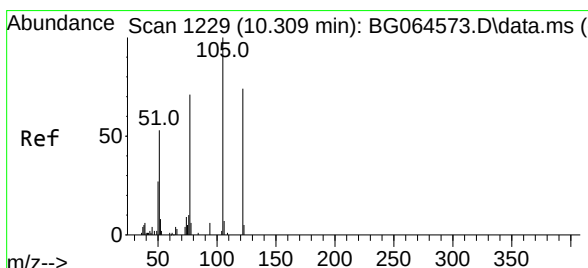
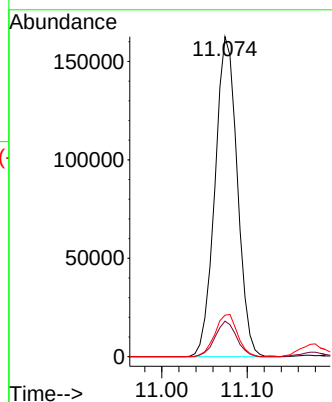
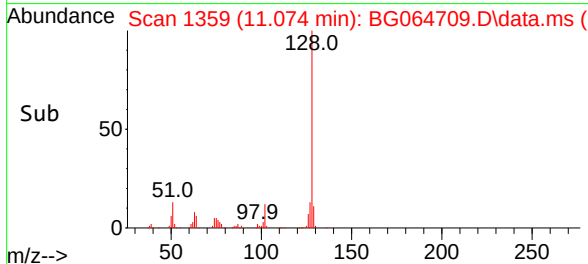
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:128 Resp: 295419
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.6 15.8

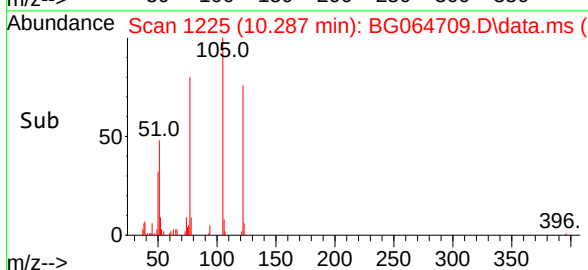
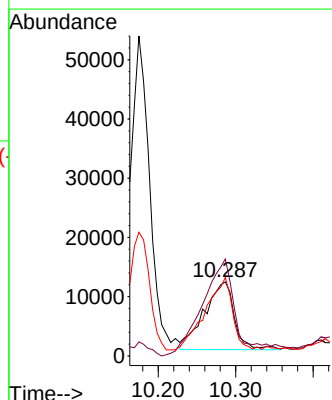
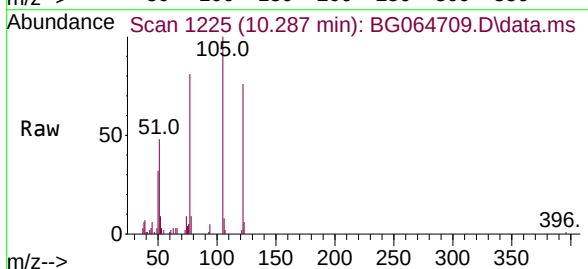
Manual Integrations
APPROVED

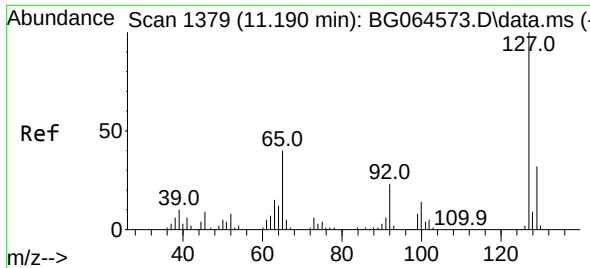
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 25.951 ng m
RT: 10.287 min Scan# 1225
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:122 Resp: 31082
Ion Ratio Lower Upper
122 100
105 131.0 104.2 144.2
77 105.9 70.2 110.2





#33
4-Chloroaniline
Concen: 5.743 ng
RT: 11.180 min Scan# 1379
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

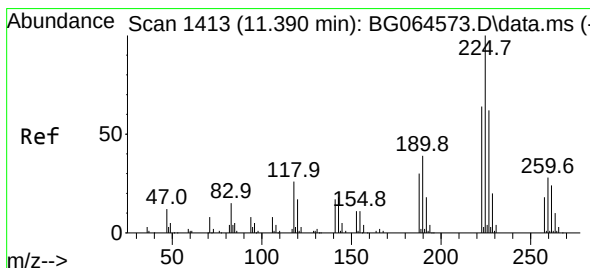
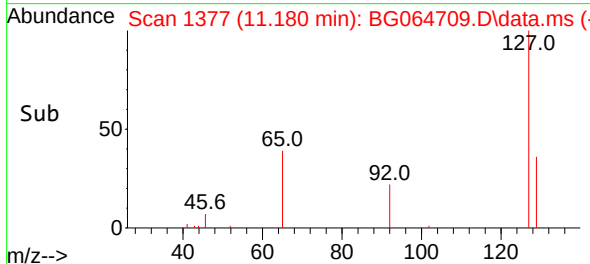
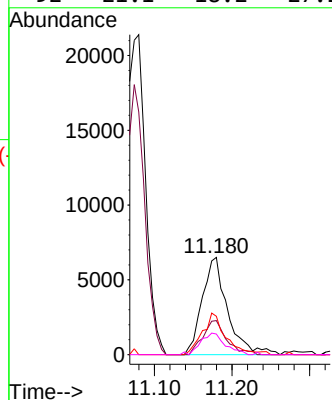
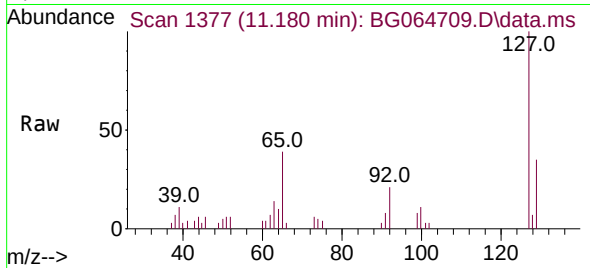
TP-IMS

Tgt Ion:127 Resp: 14783
Ion Ratio Lower Upper
127 100
129 35.0 25.5 38.3
65 39.4 32.2 48.4
92 21.1 18.2 27.2

Manual Integrations

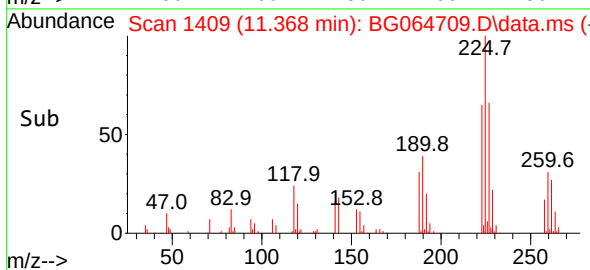
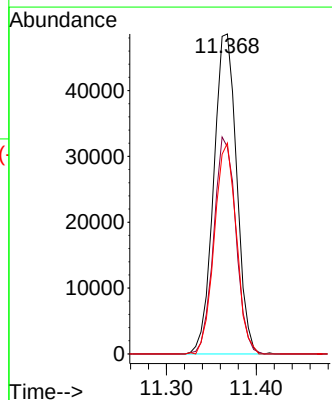
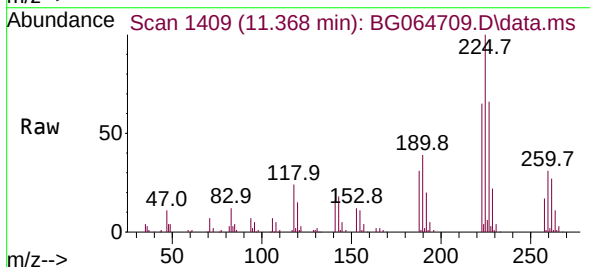
APPROVED

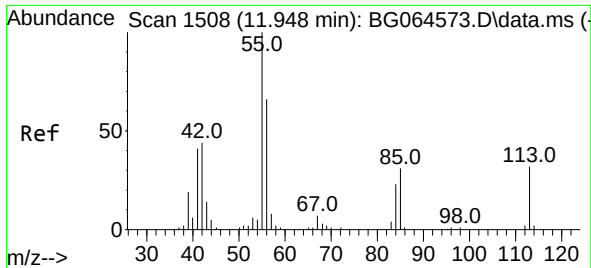
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 51.008 ng
RT: 11.368 min Scan# 1409
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:225 Resp: 86588
Ion Ratio Lower Upper
225 100
223 64.6 48.8 73.2
227 65.9 49.5 74.3





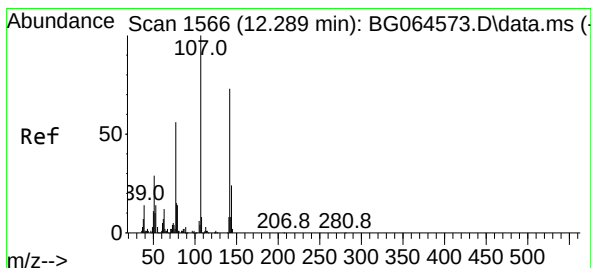
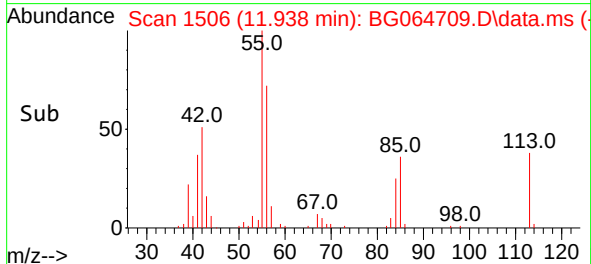
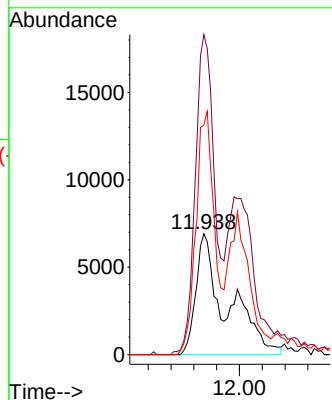
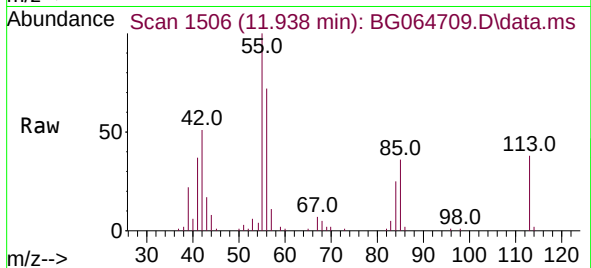
#35
 Caprolactam
 Concen: 35.312 ng m
 RT: 11.938 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS

Tgt Ion:113 Resp: 25874
 Ion Ratio Lower Upper
 113 100
 55 264.6 290.1 330.1
 56 189.7 183.8 223.8

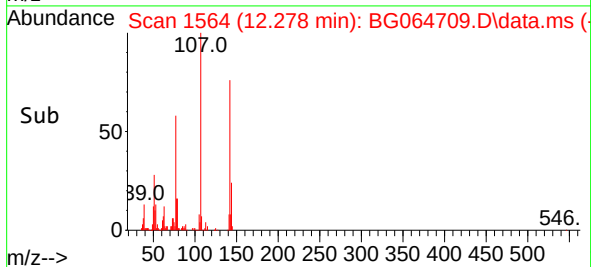
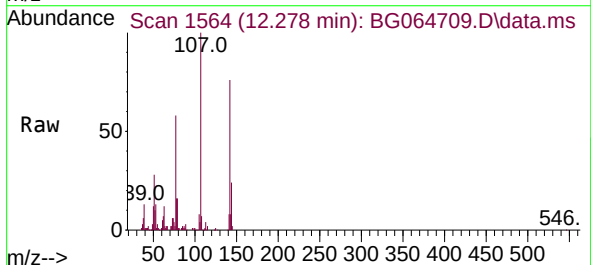
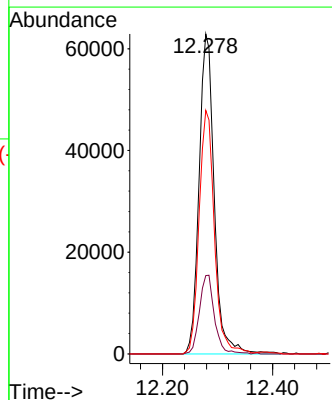
Manual Integrations
 APPROVED

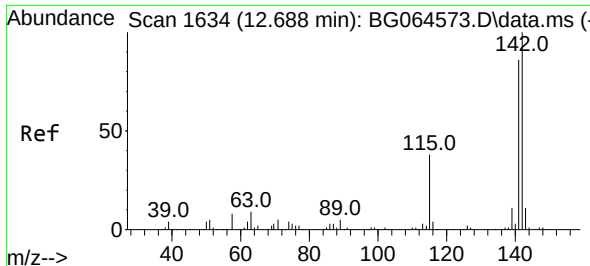
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#36
 4-Chloro-3-methylphenol
 Concen: 52.417 ng
 RT: 12.278 min Scan# 1564
 Delta R.T. -0.010 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

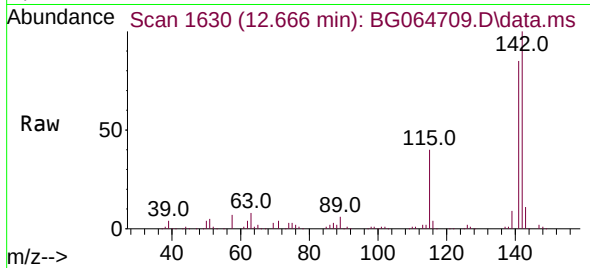
Tgt Ion:107 Resp: 120369
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 76.1 58.6 87.8





#37
2-Methylnaphthalene
Concen: 43.678 ng
RT: 12.666 min Scan# 1630
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

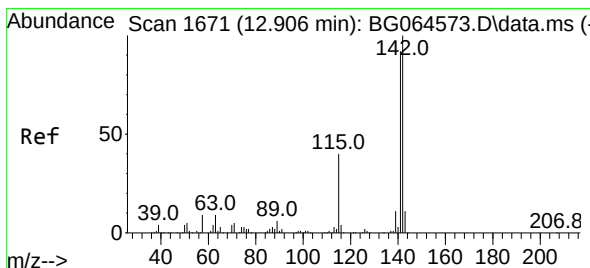
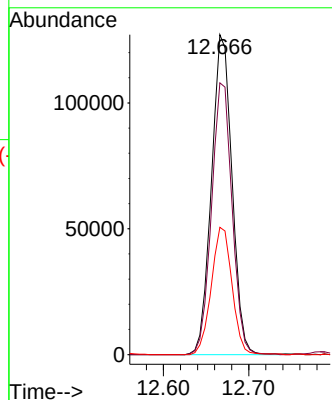
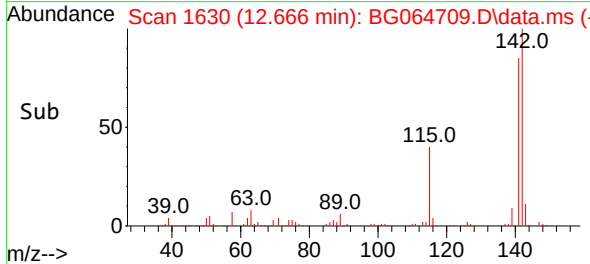
Instrument :
BNA_G
ClientSampleId :
TP-1MS



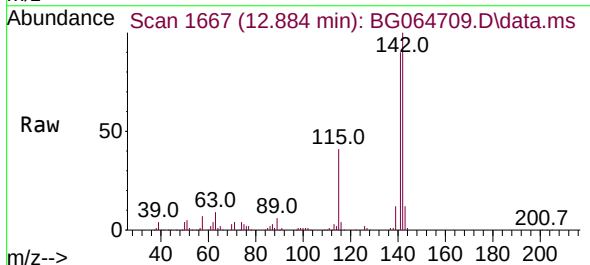
Tgt Ion:142 Resp: 212387
Ion Ratio Lower Upper
142 100
141 84.9 68.9 103.3
115 39.8 30.6 46.0

Manual Integrations
APPROVED

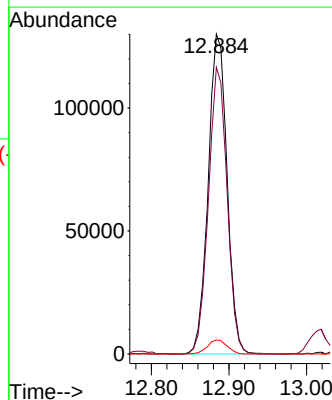
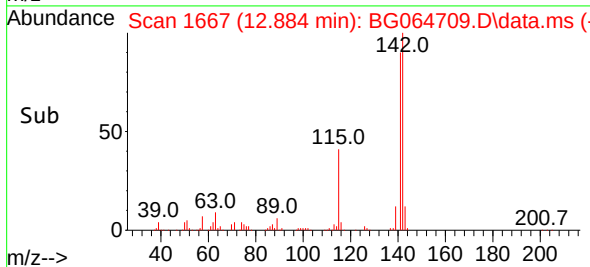
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

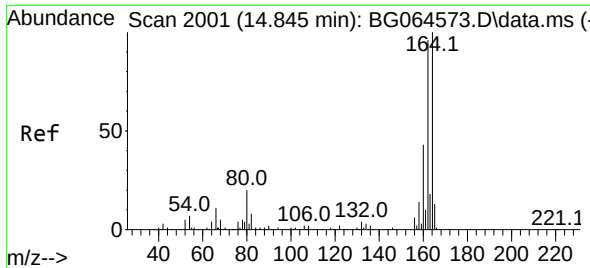


#38
1-Methylnaphthalene
Concen: 45.605 ng
RT: 12.884 min Scan# 1667
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



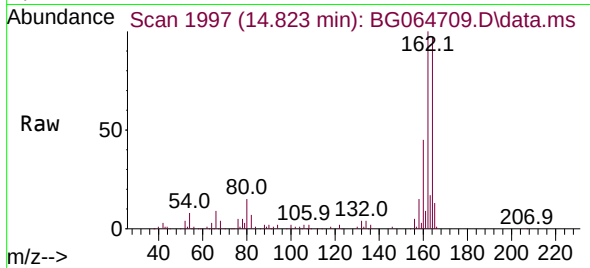
Tgt Ion:142 Resp: 219530
Ion Ratio Lower Upper
142 100
141 89.6 73.3 109.9
116 4.4 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.823 min Scan# 1997
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

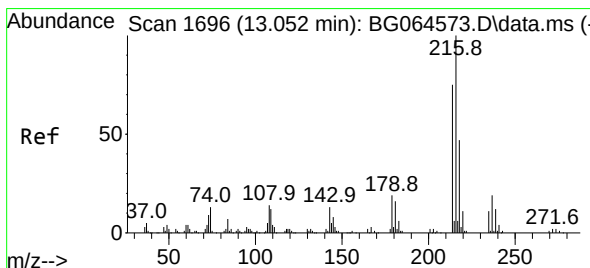
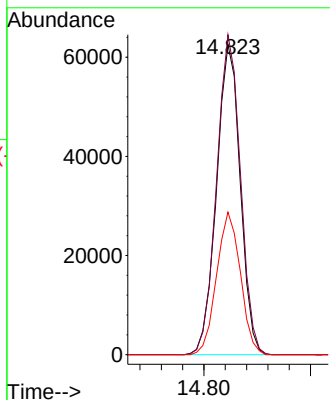
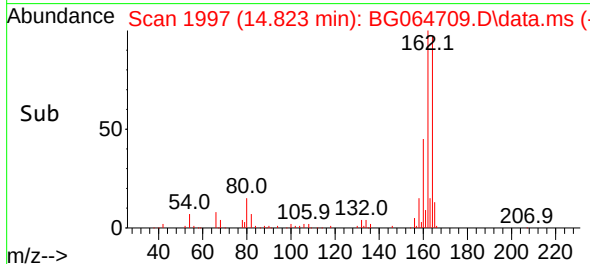
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:164 Resp: 96566
Ion Ratio Lower Upper
164 100
162 103.2 77.0 115.6
160 46.0 34.4 51.6

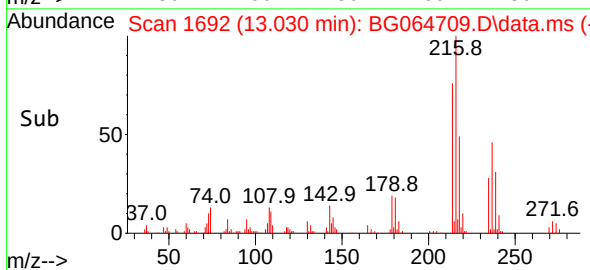
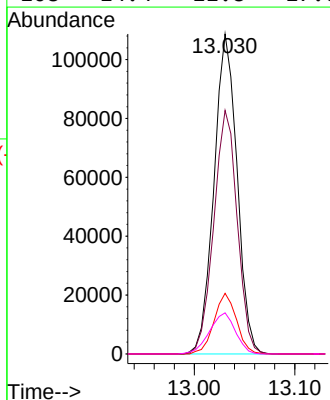
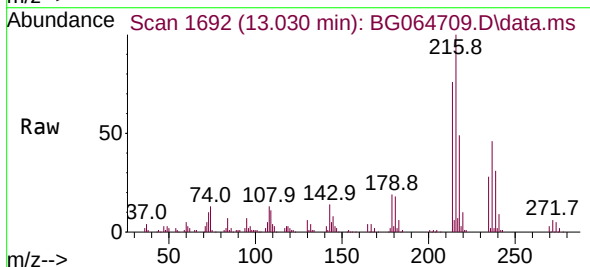
Manual Integrations
APPROVED

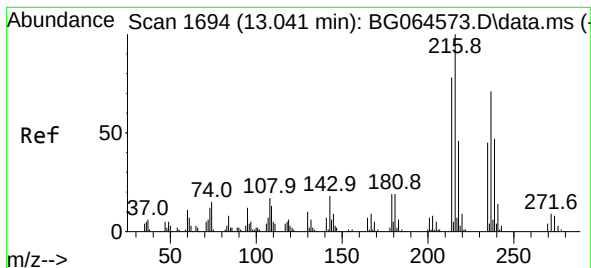
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.647 ng
RT: 13.030 min Scan# 1692
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

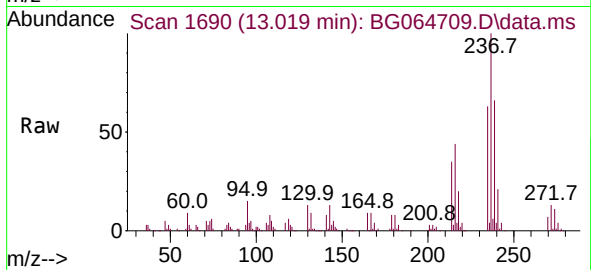
Tgt Ion:216 Resp: 173860
Ion Ratio Lower Upper
216 100
214 77.1 61.4 92.2
179 18.4 15.4 23.0
108 14.4 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 134.555 ng
RT: 13.019 min Scan# 1694
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

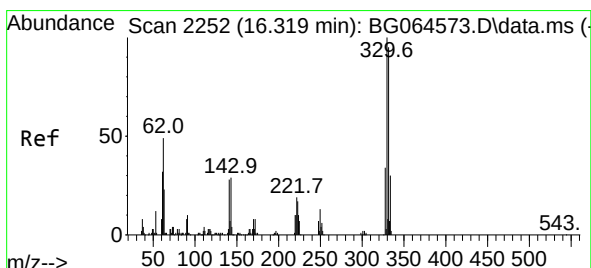
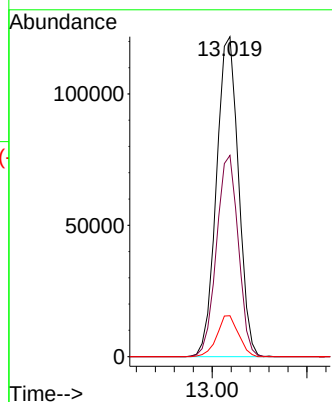
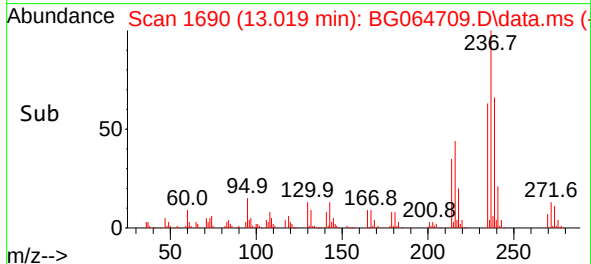
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:237 Resp: 196277
Ion Ratio Lower Upper
237 100
235 62.9 44.1 84.1
272 12.8 0.0 32.4

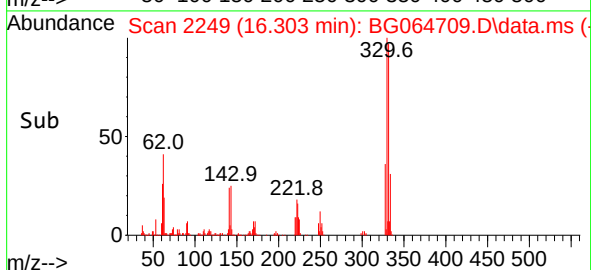
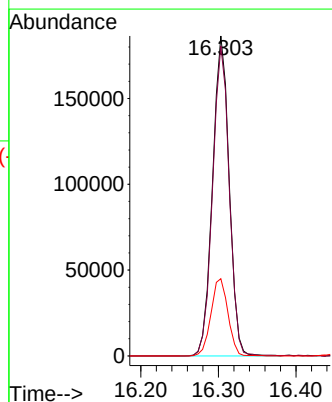
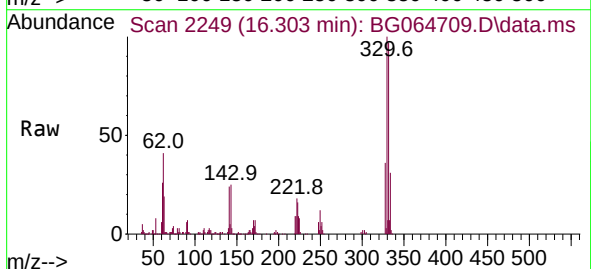
Manual Integrations
APPROVED

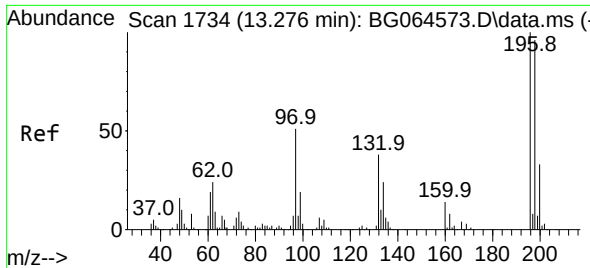
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#42
2,4,6-Tribromophenol
Concen: 198.677 ng
RT: 16.303 min Scan# 2249
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

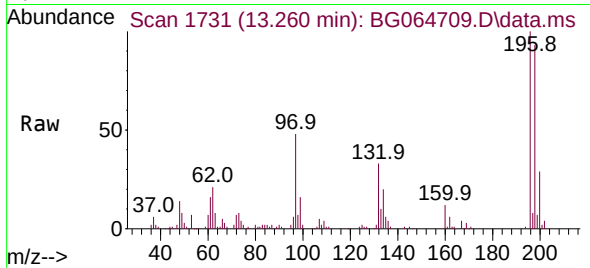
Tgt Ion:330 Resp: 276903
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 24.7 21.8 32.6





#43
 2,4,6-Trichlorophenol
 Concen: 58.905 ng
 RT: 13.260 min Scan# 1731
 Delta R.T. -0.016 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

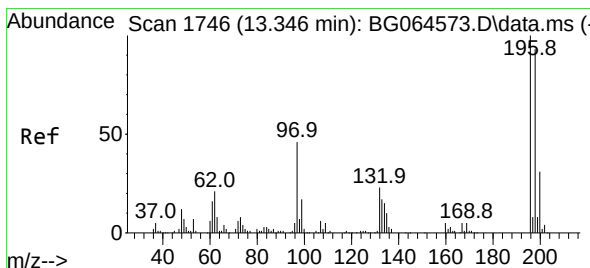
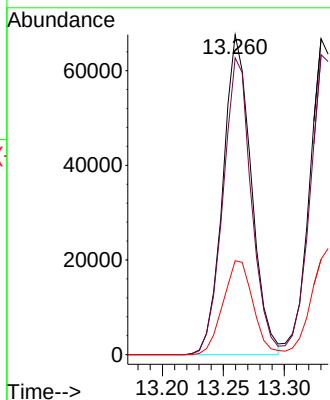
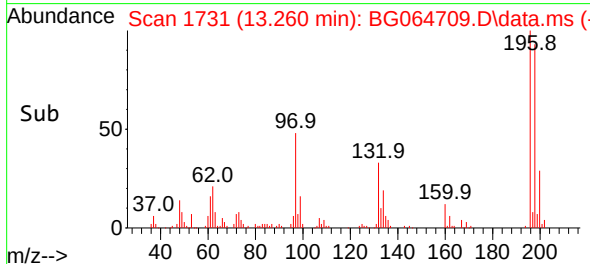
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



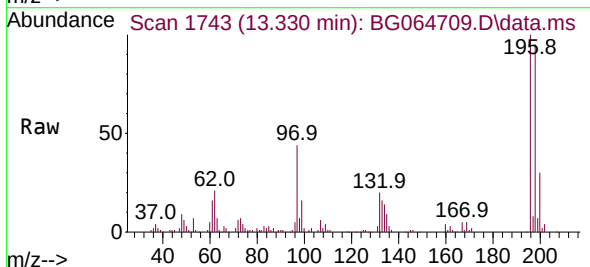
Tgt Ion:196 Resp: 109198
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.6 115.0
 200 29.3 26.0 39.0

Manual Integrations
 APPROVED

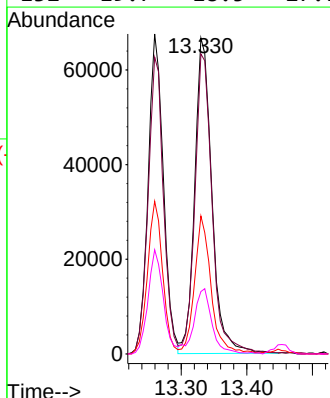
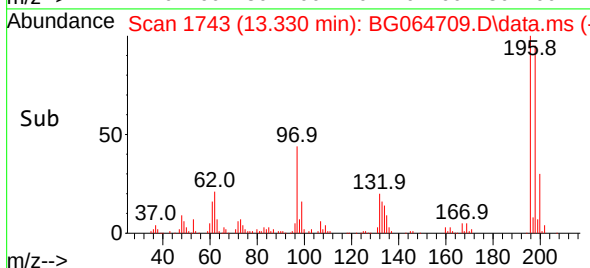
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

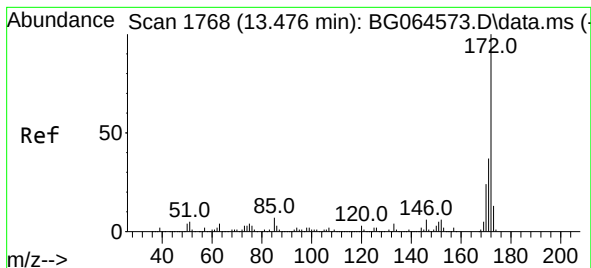


#44
 2,4,5-Trichlorophenol
 Concen: 56.732 ng
 RT: 13.330 min Scan# 1743
 Delta R.T. -0.016 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11



Tgt Ion:196 Resp: 121363
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 97 43.7 37.0 55.6
 132 19.7 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 100.883 ng

RT: 13.454 min Scan# 1764

Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-IMS

Tgt Ion:172 Resp: 642712

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

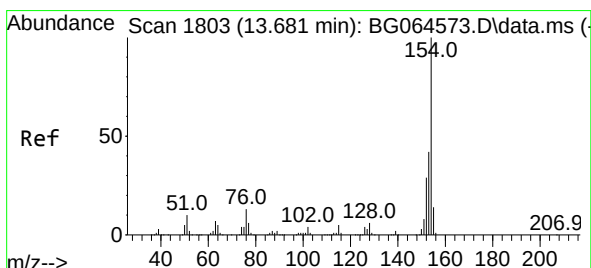
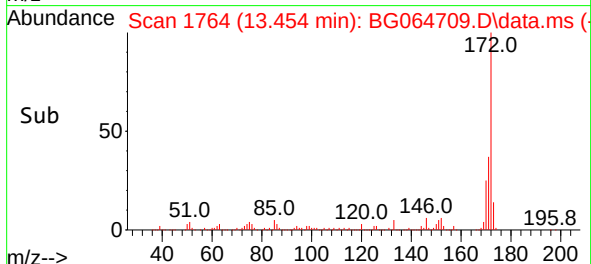
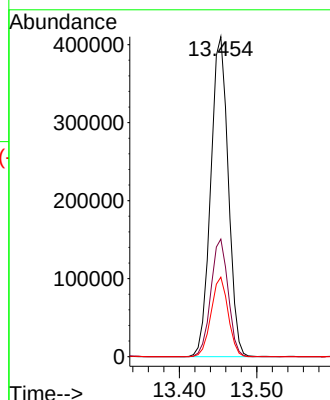
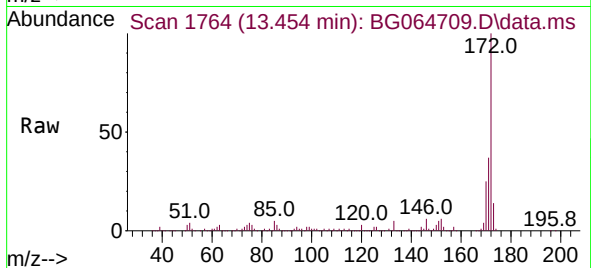
170 24.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#46

1,1'-Biphenyl

Concen: 48.898 ng

RT: 13.659 min Scan# 1799

Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

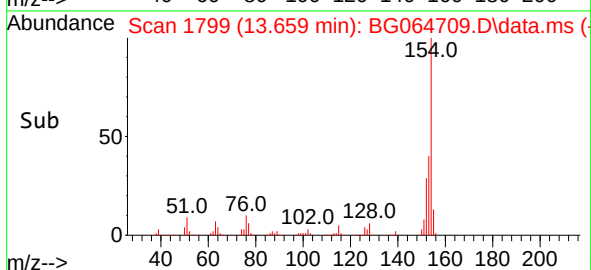
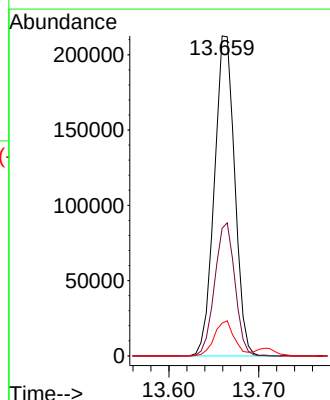
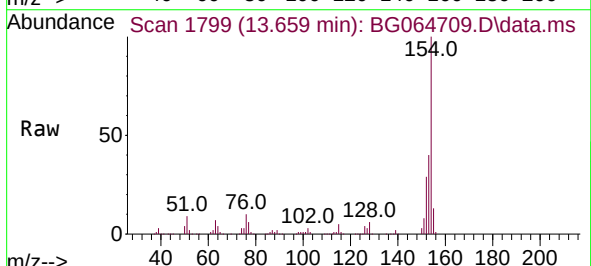
Tgt Ion:154 Resp: 335691

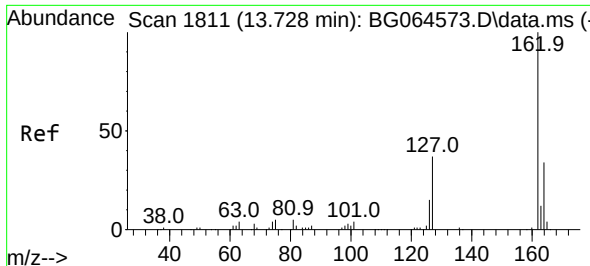
Ion Ratio Lower Upper

154 100

153 39.9 22.4 62.4

76 10.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 49.278 ng

RT: 13.706 min Scan# 1811

Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-IMS

Tgt Ion:162 Resp: 255359

Ion Ratio Lower Upper

162 100

127 37.4 32.2 48.2

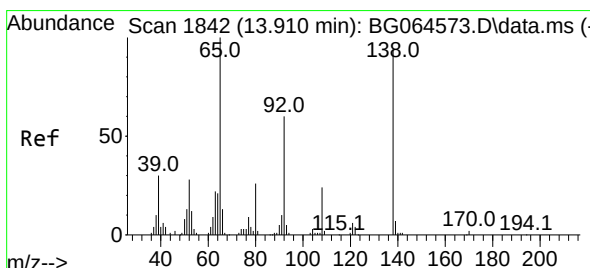
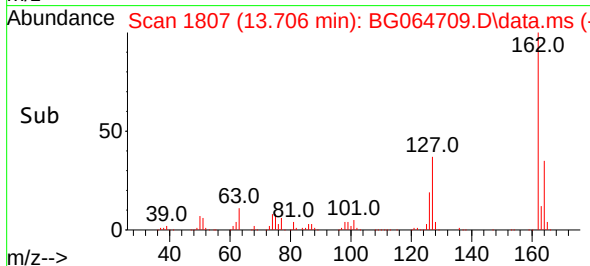
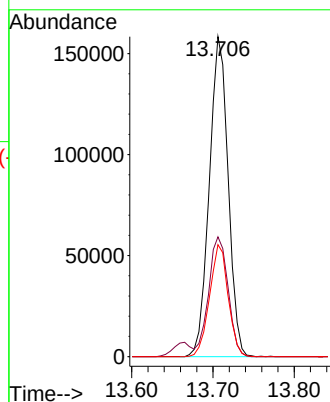
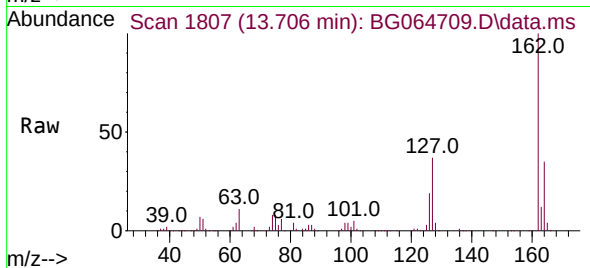
164 35.0 27.5 41.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#48

2-Nitroaniline

Concen: 52.980 ng

RT: 13.894 min Scan# 1839

Delta R.T. -0.016 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

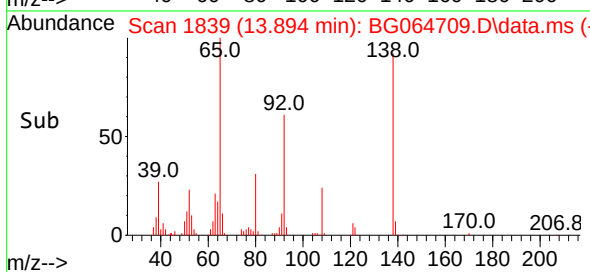
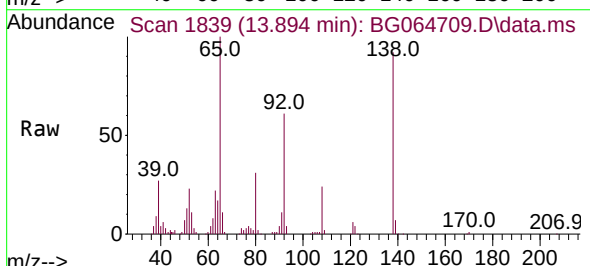
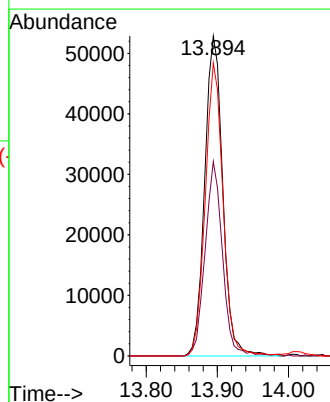
Tgt Ion: 65 Resp: 92791

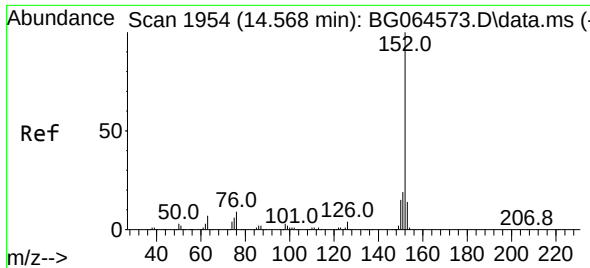
Ion Ratio Lower Upper

65 100

92 60.7 48.3 72.5

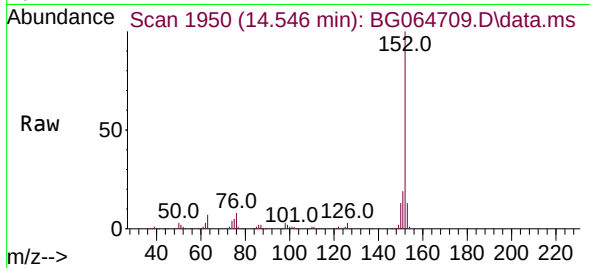
138 91.5 74.9 112.3





#49
Acenaphthylene
Concen: 56.742 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

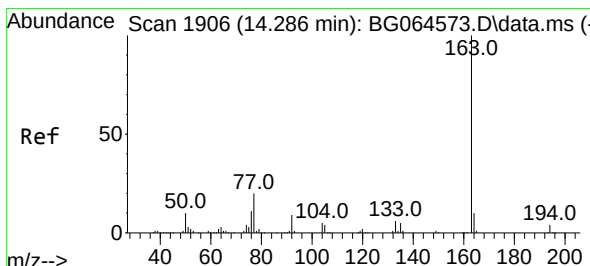
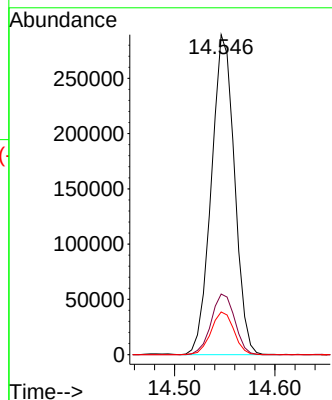
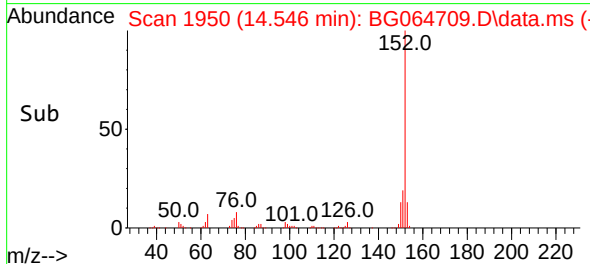
Instrument :
BNA_G
ClientSampleId :
TP-1MS



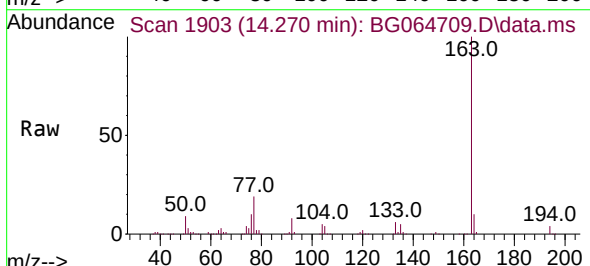
Tgt Ion:152 Resp: 463794
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2
153 13.3 11.0 16.4

Manual Integrations
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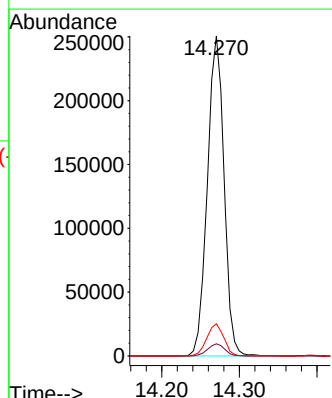
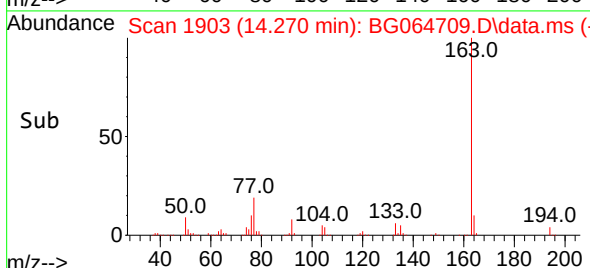
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

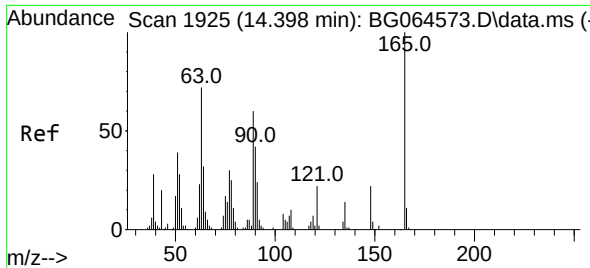


#50
Dimethylphthalate
Concen: 50.606 ng
RT: 14.270 min Scan# 1903
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



Tgt Ion:163 Resp: 373943
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.0 7.7 11.5





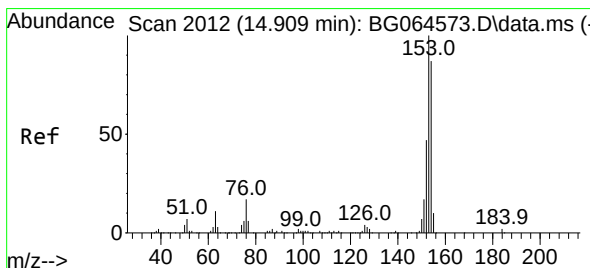
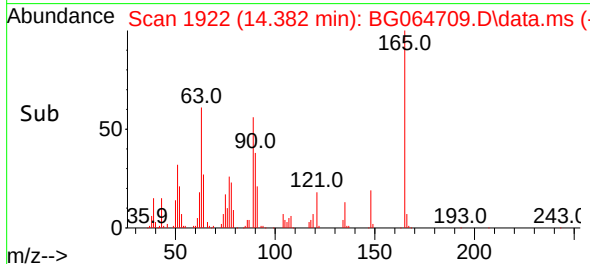
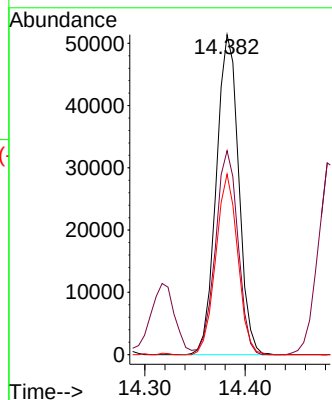
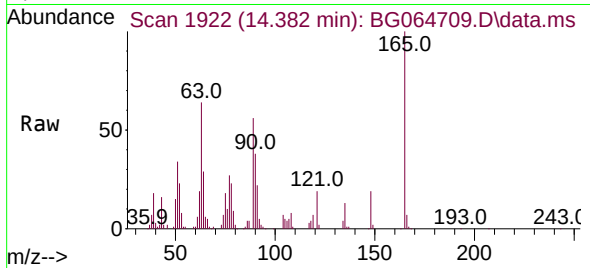
#51
2,6-Dinitrotoluene
Concen: 64.200 ng
RT: 14.382 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:165 Resp: 79683
Ion Ratio Lower Upper
165 100
63 63.7 57.4 86.0
89 56.4 47.8 71.8

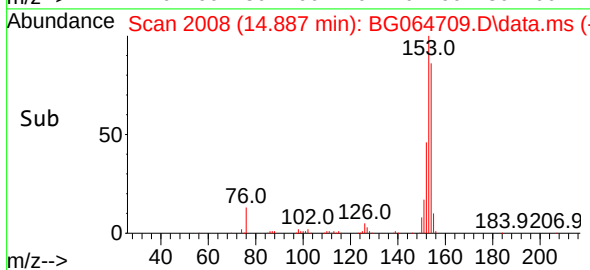
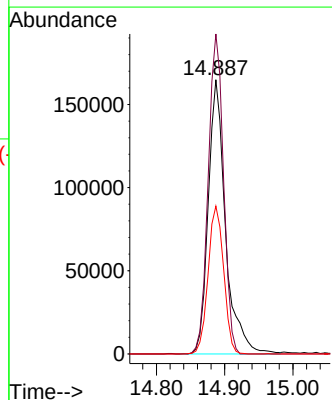
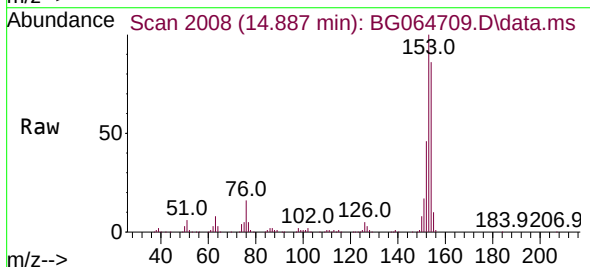
Manual Integrations
APPROVED

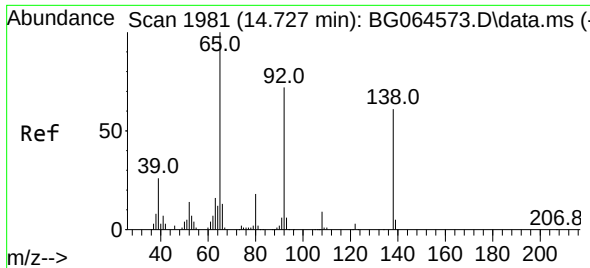
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 51.995 ng
RT: 14.887 min Scan# 2008
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

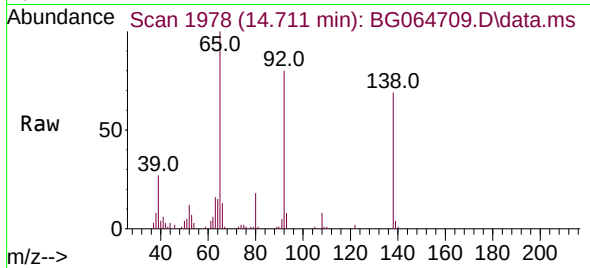
Tgt Ion:154 Resp: 290365
Ion Ratio Lower Upper
154 100
153 116.7 92.2 138.4
152 53.9 43.2 64.8





#53
3-Nitroaniline
Concen: 22.483 ng
RT: 14.711 min Scan# 1981
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

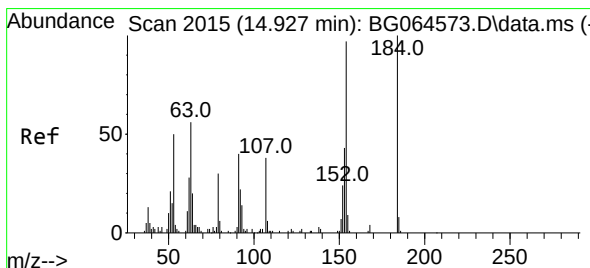
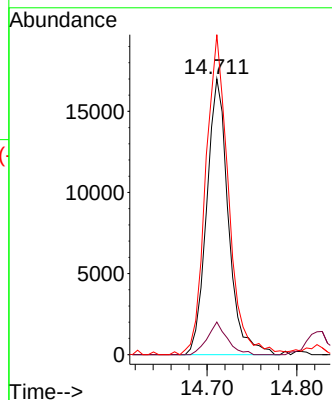
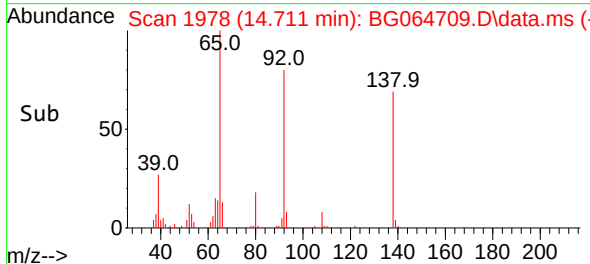
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:138 Resp: 2855
Ion Ratio Lower Upper
138 100
108 11.8 11.4 17.0
92 116.0 95.3 142.9

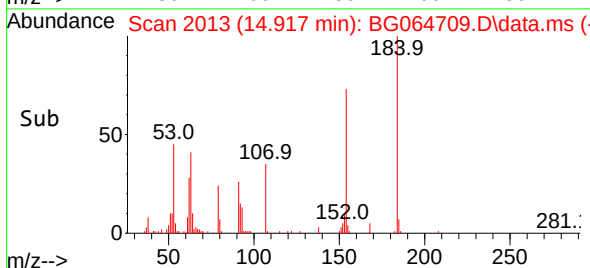
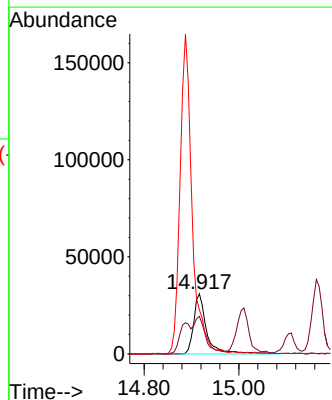
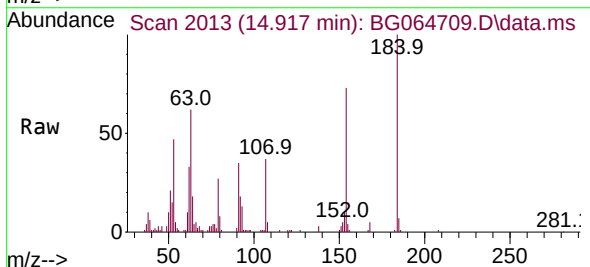
Manual Integrations
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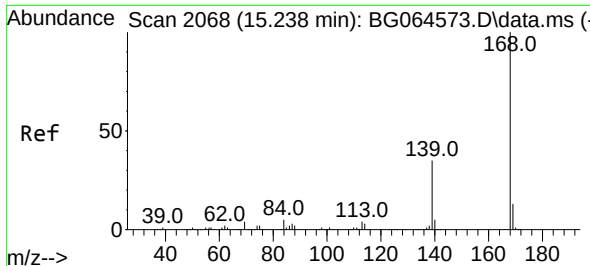
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 79.033 ng
RT: 14.917 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

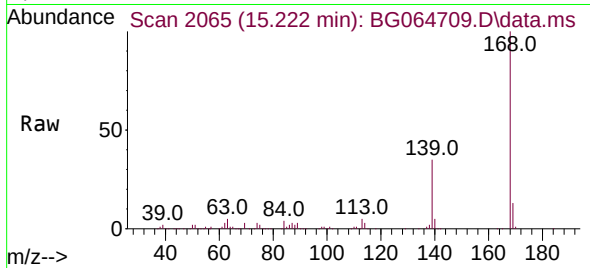
Tgt Ion:184 Resp: 59075
Ion Ratio Lower Upper
184 100
63 62.4 56.6 85.0
154 73.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 50.628 ng
RT: 15.222 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

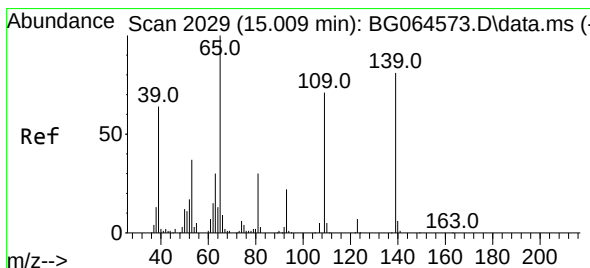
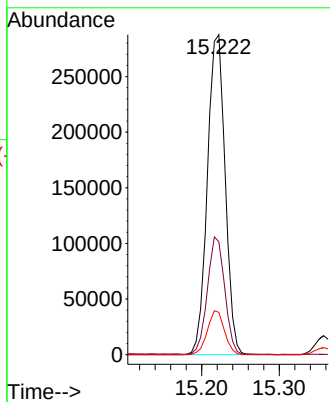
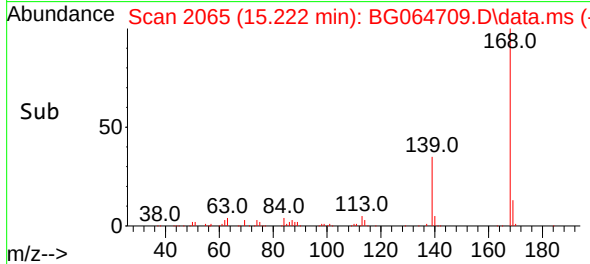
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 457090
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8
169 13.2 10.3 15.5

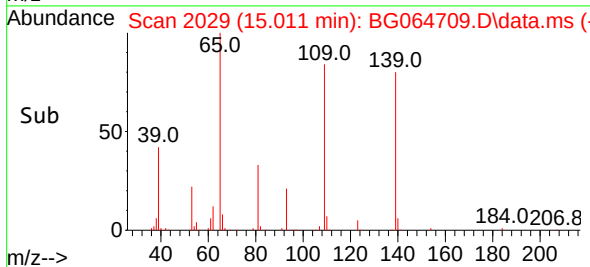
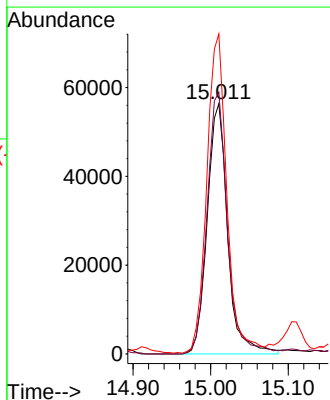
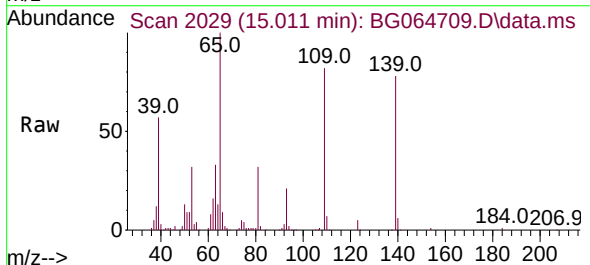
Manual Integrations
APPROVED

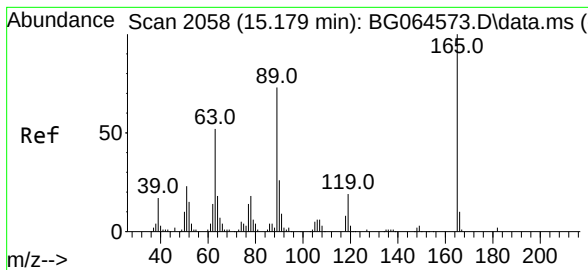
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 87.748 ng
RT: 15.011 min Scan# 2029
Delta R.T. 0.002 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

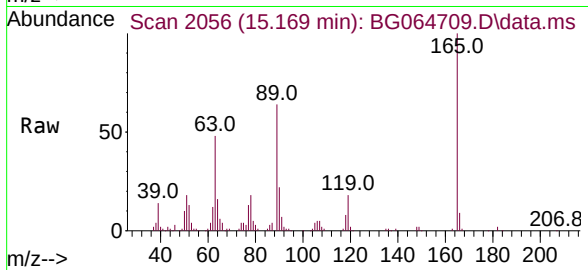
Tgt Ion:139 Resp: 103311
Ion Ratio Lower Upper
139 100
109 104.6 67.8 107.8
65 127.9 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 60.902 ng
RT: 15.169 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

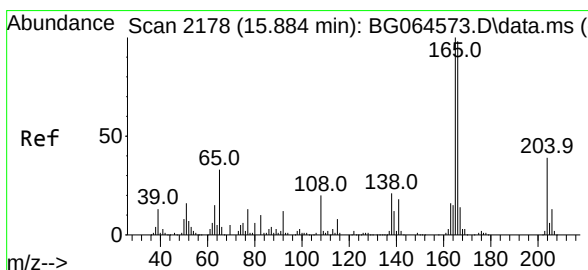
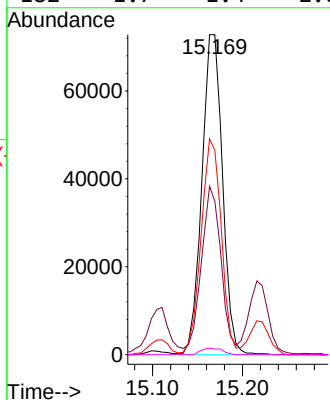
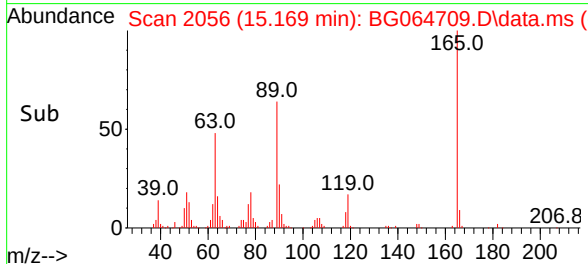
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 116452
Ion Ratio Lower Upper
165 100
63 48.0 41.8 62.8
89 63.8 58.1 87.1
182 1.7 1.4 2.0

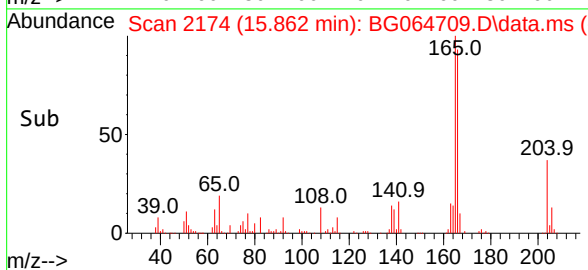
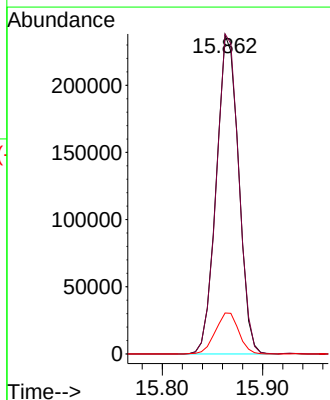
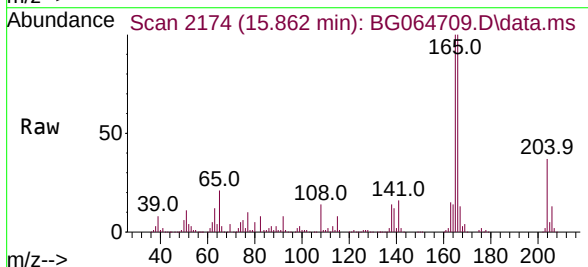
Manual Integrations
APPROVED

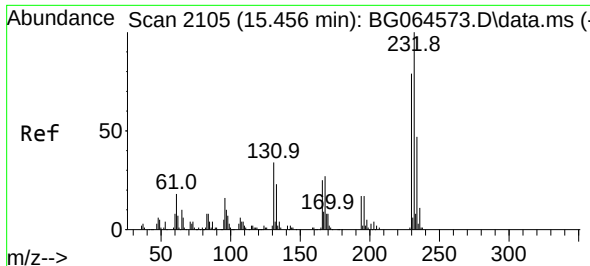
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 52.143 ng
RT: 15.862 min Scan# 2174
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:166 Resp: 367651
Ion Ratio Lower Upper
166 100
165 100.3 81.5 122.3
167 12.8 11.4 17.0





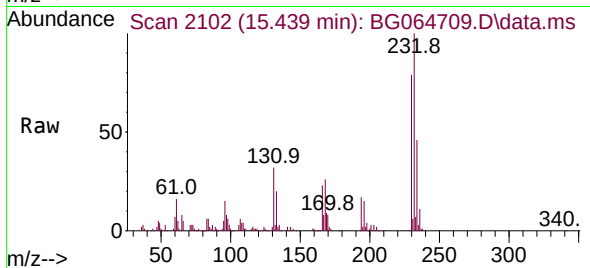
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.495 ng
RT: 15.439 min Scan# 2102
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-IMS



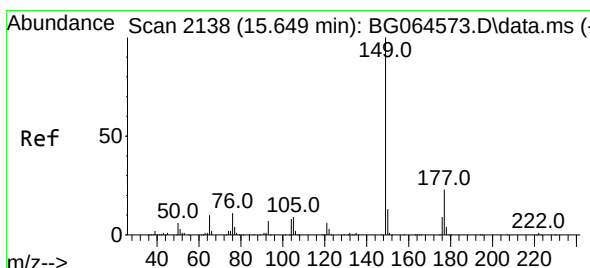
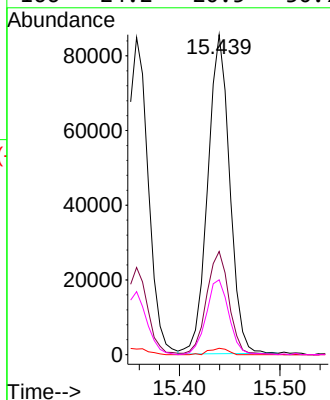
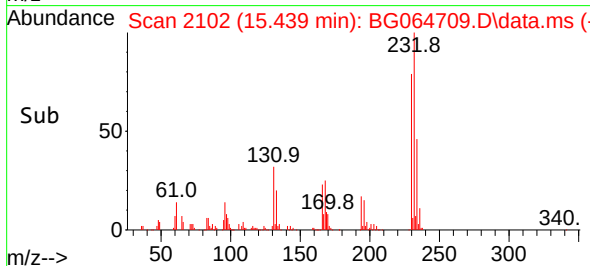
Tgt Ion:232 Resp: 129888
Ion Ratio Lower Upper
232 100
131 32.9 26.7 40.1
130 1.7 1.6 2.4
166 24.2 20.5 30.7

Manual Integrations

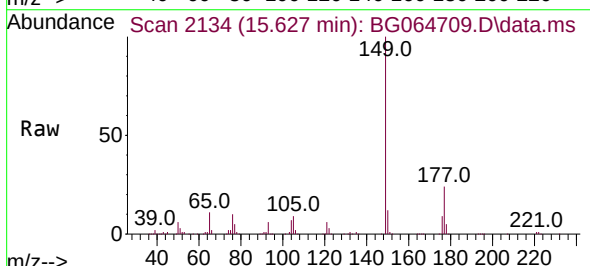
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

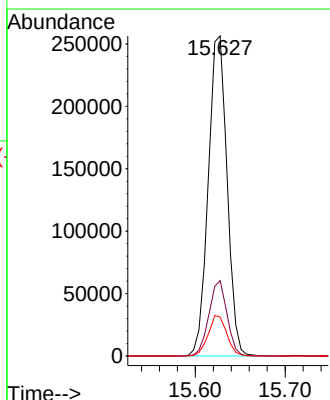
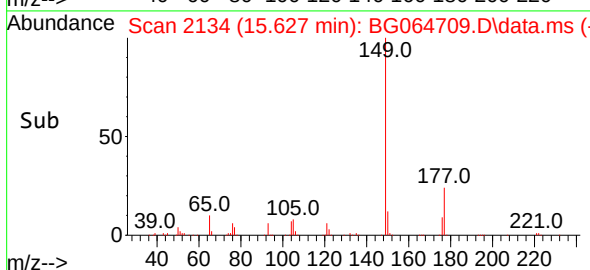
Supervised By :Jagrut Upadhyay 11/10/2025

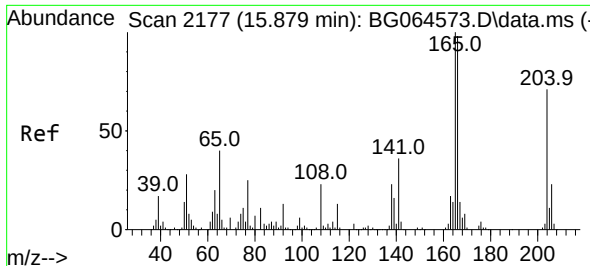


#60
Diethylphthalate
Concen: 49.705 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



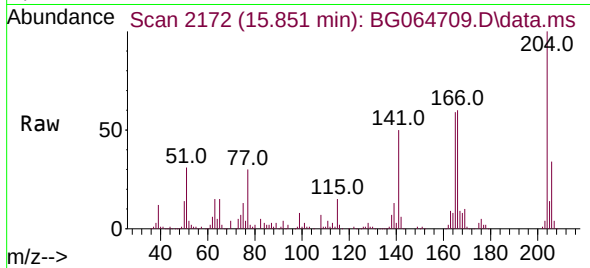
Tgt Ion:149 Resp: 375011
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 12.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 54.309 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.028 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

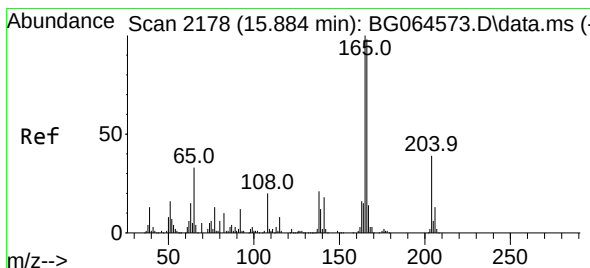
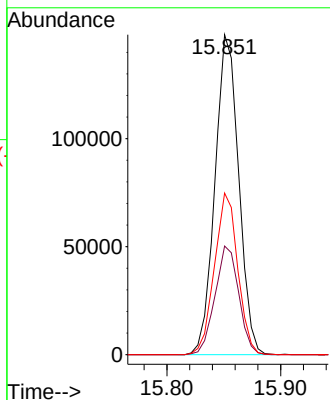
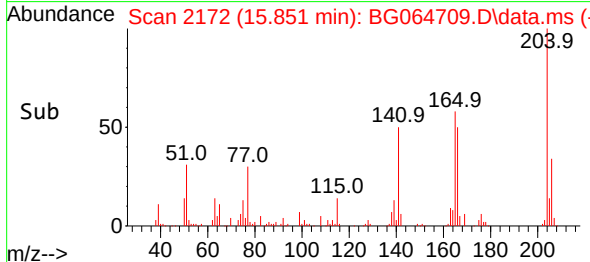
Instrument :
BNA_G
ClientSampleId :
TP-1MS



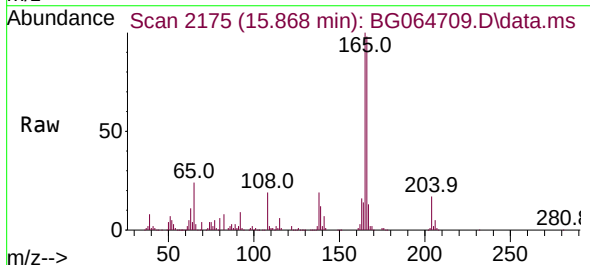
Tgt Ion:204 Resp: 214895
Ion Ratio Lower Upper
204 100
206 34.0 25.6 38.4
141 50.5 40.6 60.8

Manual Integrations
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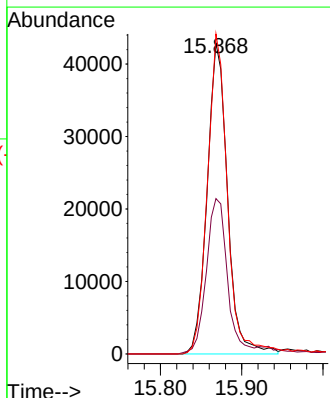
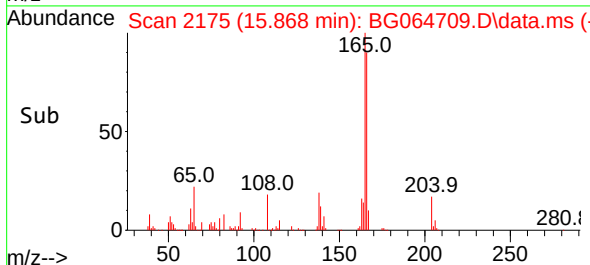
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

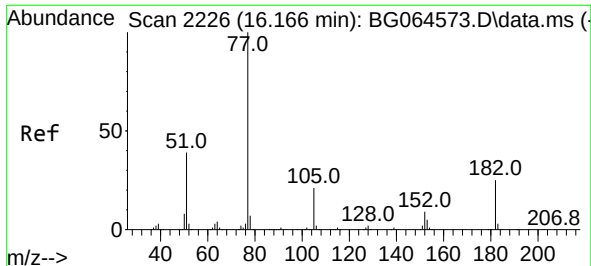


#62
4-Nitroaniline
Concen: 52.883 ng
RT: 15.868 min Scan# 2175
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



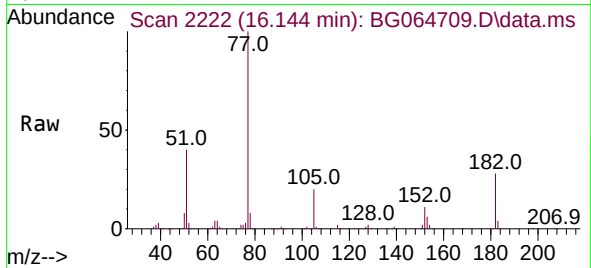
Tgt Ion:138 Resp: 74711
Ion Ratio Lower Upper
138 100
92 50.0 36.1 76.1
108 103.0 75.6 115.6





#63
Azobenzene
Concen: 46.269 ng
RT: 16.144 min Scan# 21
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

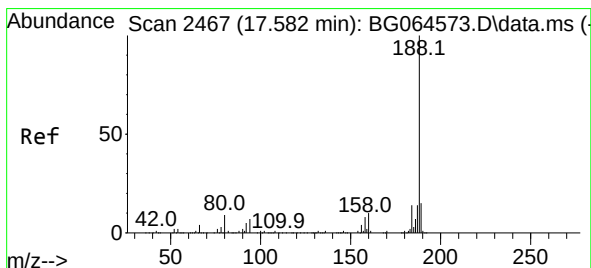
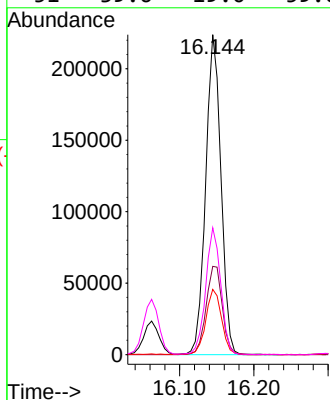
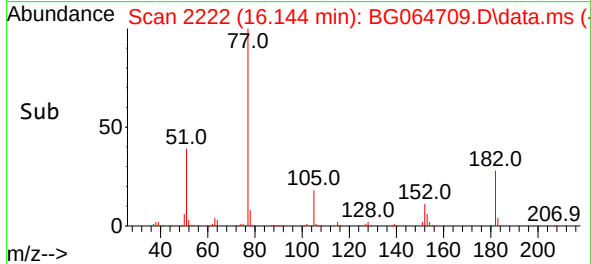
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 77 Resp: 320301
Ion Ratio Lower Upper
77 100
182 27.6 4.9 44.9
105 20.4 1.3 41.3
51 39.6 19.0 59.0

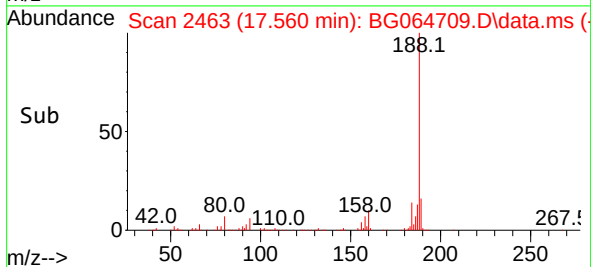
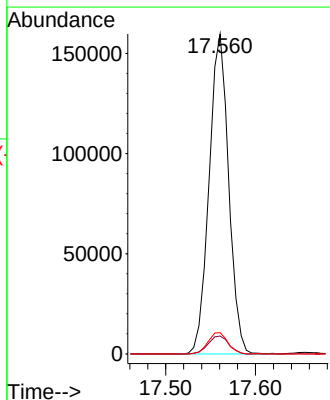
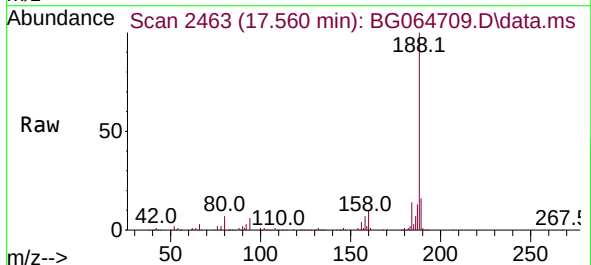
Manual Integrations
APPROVED

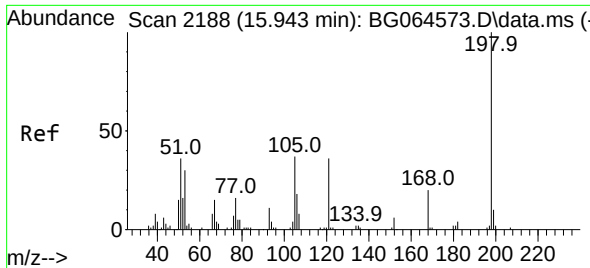
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:188 Resp: 241584
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 6.6 6.8 10.2#





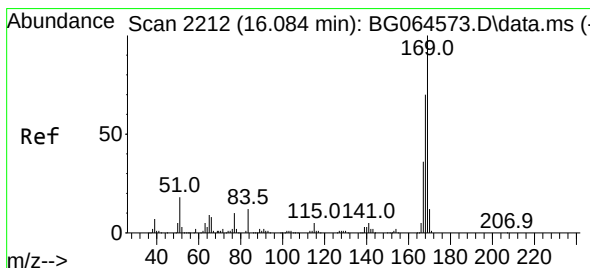
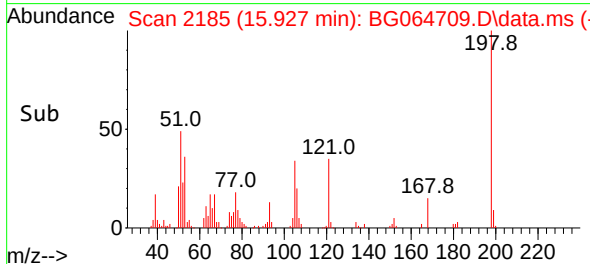
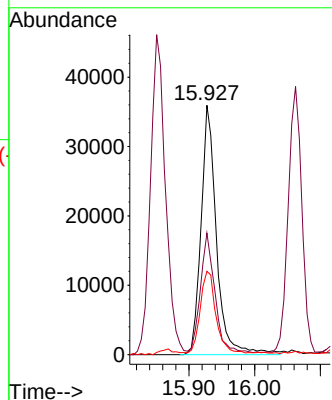
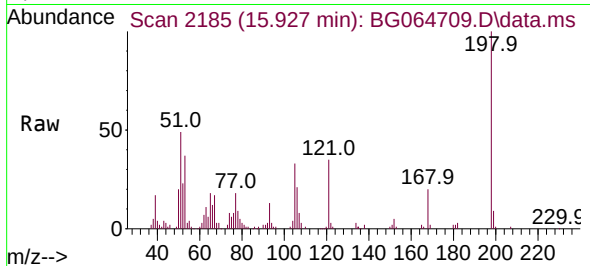
#65
4,6-Dinitro-2-methylphenol
Concen: 54.209 ng
RT: 15.927 min Scan# 2188
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:198 Resp: 58468
Ion Ratio Lower Upper
198 100
51 48.8 24.7 64.7
105 33.4 18.0 58.0

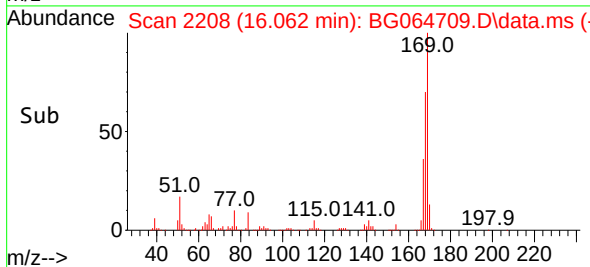
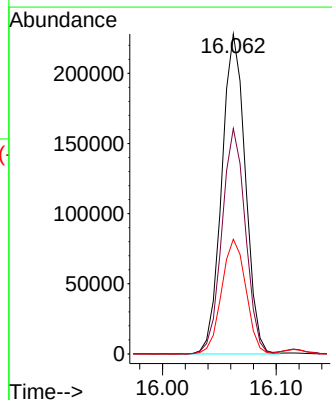
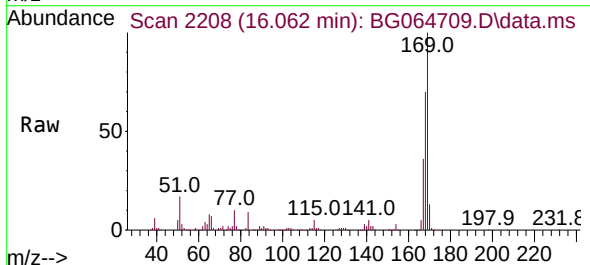
Manual Integrations
APPROVED

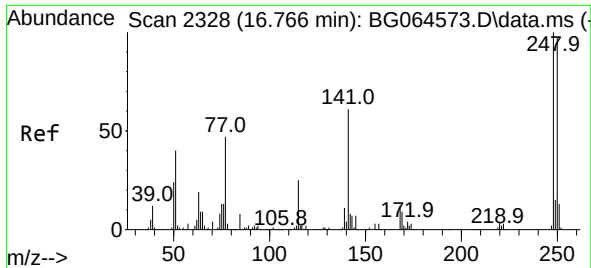
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#66
n-Nitrosodiphenylamine
Concen: 50.266 ng
RT: 16.062 min Scan# 2208
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

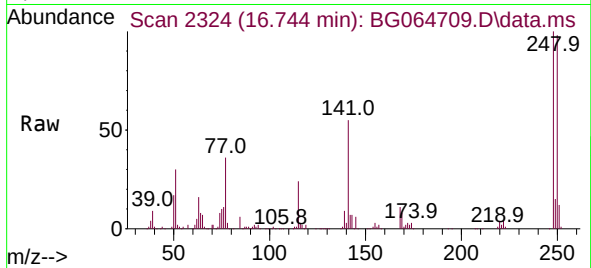
Tgt Ion:169 Resp: 328027
Ion Ratio Lower Upper
169 100
168 70.4 56.3 84.5
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.451 ng
RT: 16.744 min Scan# 2324
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

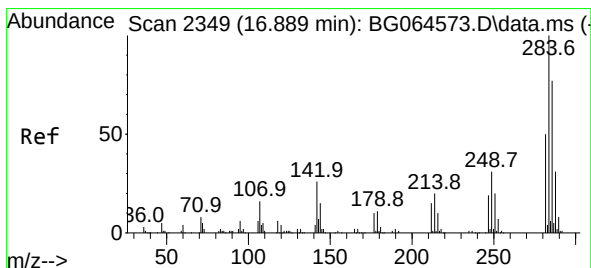
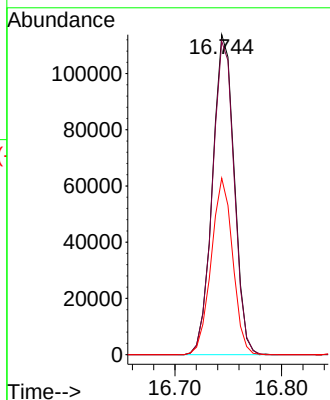
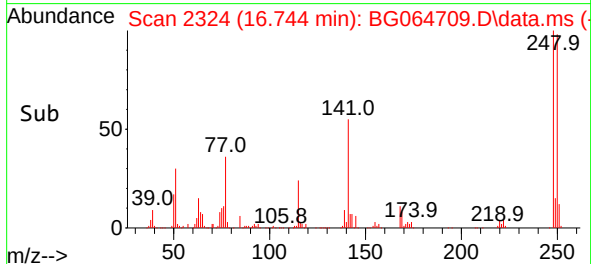
Instrument :
BNA_G
ClientSampleId :
TP-1MS



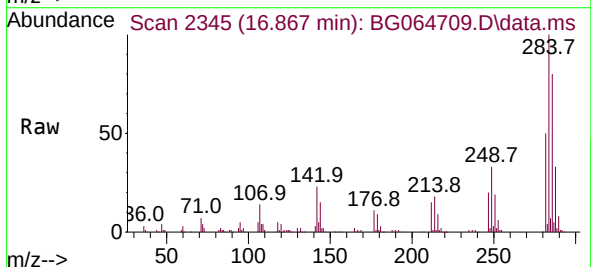
Tgt Ion:248 Resp: 161612
Ion Ratio Lower Upper
248 100
250 97.9 77.7 116.5
141 55.1 48.6 72.8

Manual Integrations
APPROVED

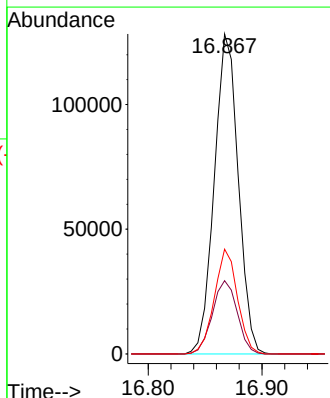
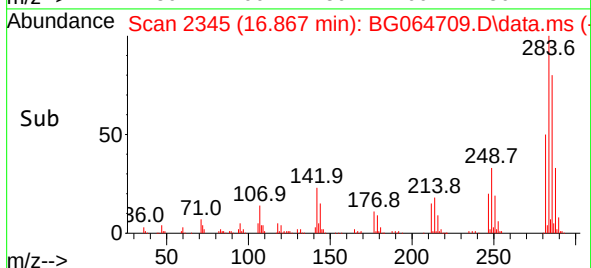
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

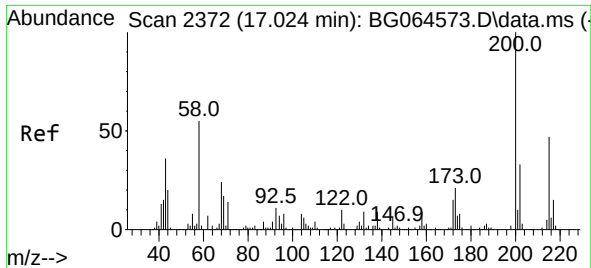


#68
Hexachlorobenzene
Concen: 57.416 ng
RT: 16.867 min Scan# 2345
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



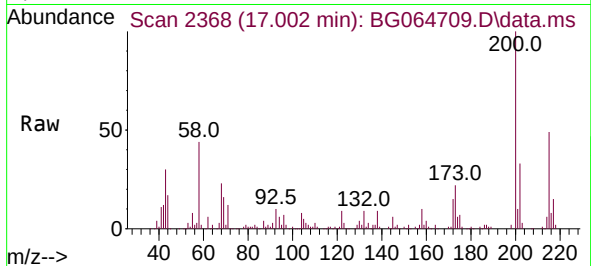
Tgt Ion:284 Resp: 187523
Ion Ratio Lower Upper
284 100
142 22.9 21.0 31.6
249 35.3 24.9 37.3





#69
 Atrazine
 Concen: 53.368 ng
 RT: 17.002 min Scan# 2372
 Delta R.T. -0.022 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

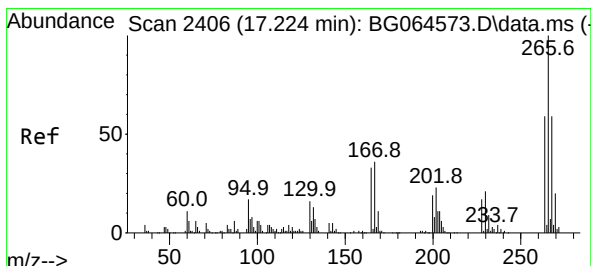
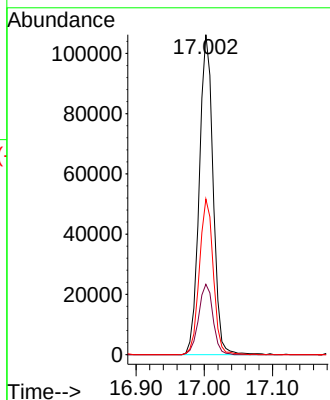
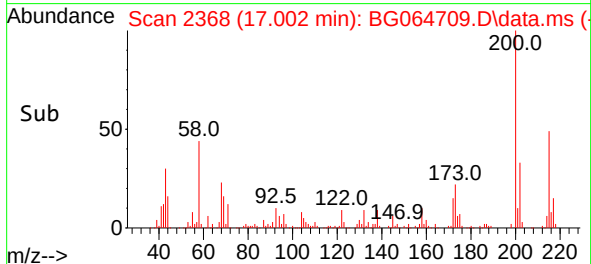
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



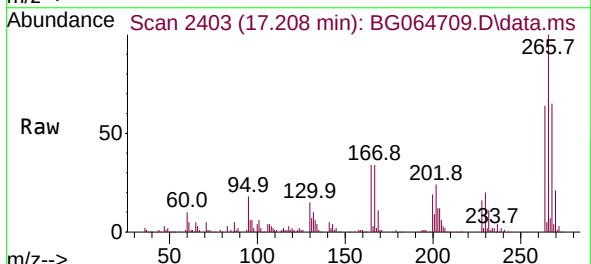
Tgt Ion:200 Resp: 149873
 Ion Ratio Lower Upper
 200 100
 173 22.0 0.9 40.9
 215 48.6 27.0 67.0

Manual Integrations
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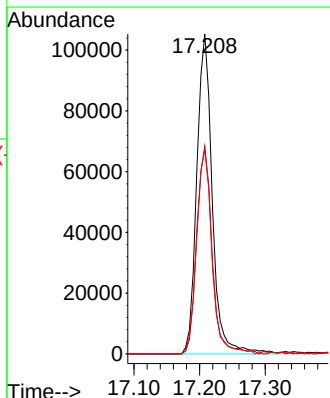
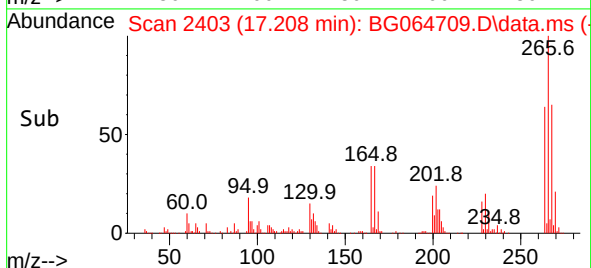
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

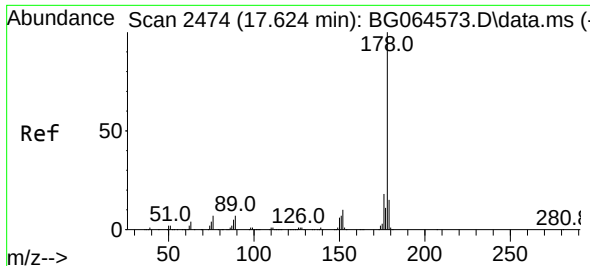


#70
 Pentachlorophenol
 Concen: 84.684 ng
 RT: 17.208 min Scan# 2403
 Delta R.T. -0.016 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11



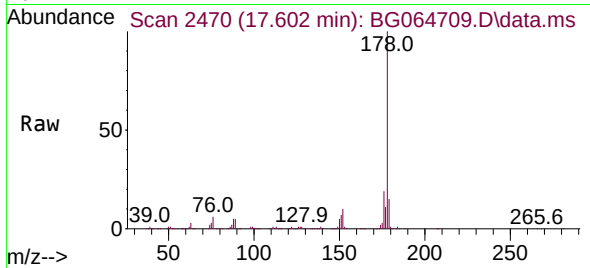
Tgt Ion:266 Resp: 172473
 Ion Ratio Lower Upper
 266 100
 268 69.3 50.3 75.5
 264 63.9 47.3 70.9





#71
Phenanthrene
Concen: 49.640 ng
RT: 17.602 min Scan# 2474
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

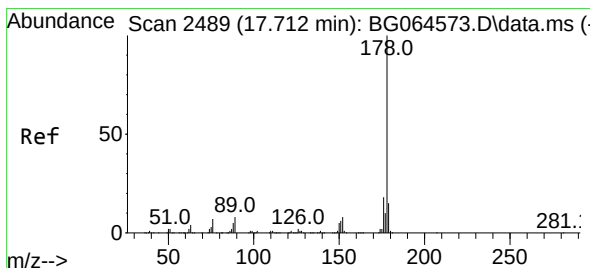
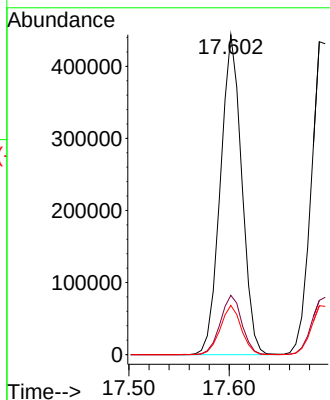
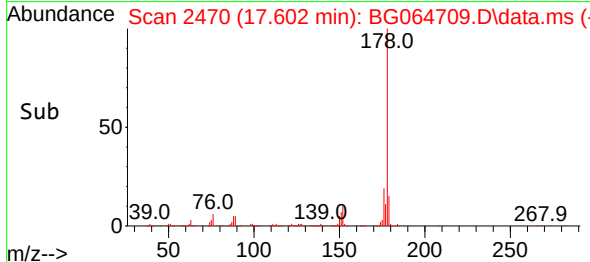
Instrument :
BNA_G
ClientSampleId :
TP-1MS



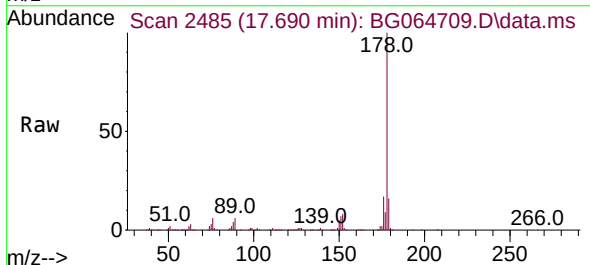
Tgt Ion:178 Resp: 655804
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.4 12.2 18.4

Manual Integrations
APPROVED

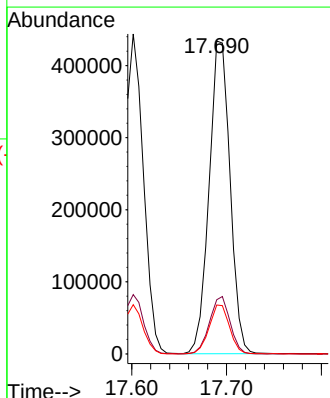
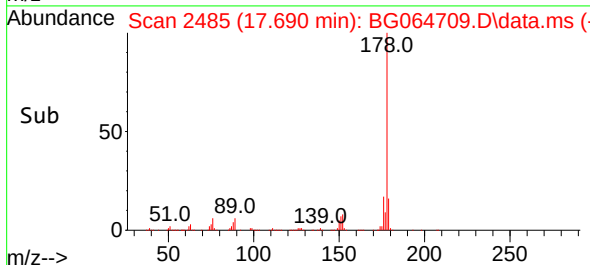
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

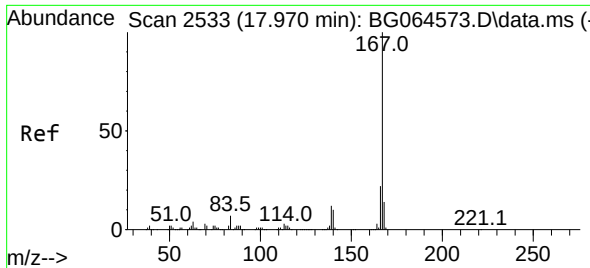


#72
Anthracene
Concen: 49.608 ng
RT: 17.690 min Scan# 2485
Delta R.T. -0.022 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



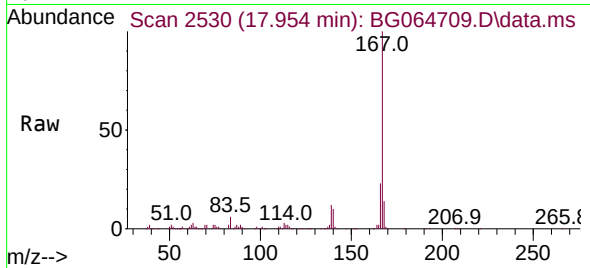
Tgt Ion:178 Resp: 666678
Ion Ratio Lower Upper
178 100
176 17.3 14.4 21.6
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 47.465 ng
 RT: 17.954 min Scan# 2530
 Delta R.T. -0.016 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11

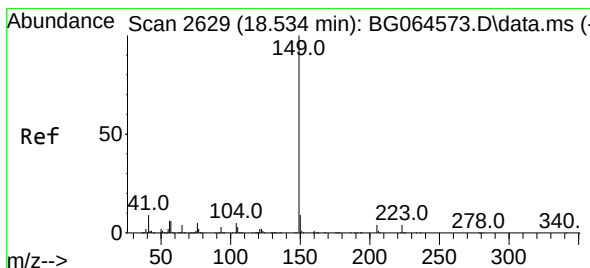
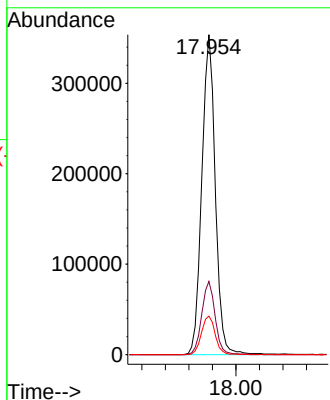
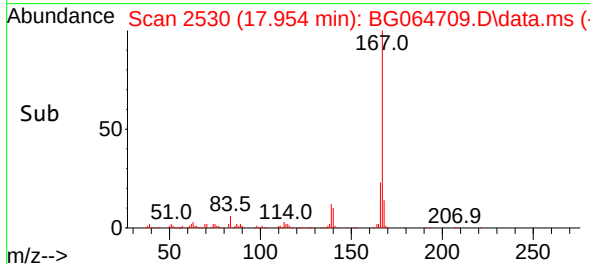
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



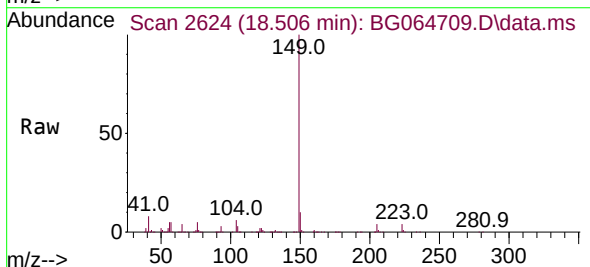
Tgt Ion:167 Resp: 562490
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 12.0 9.7 14.5

Manual Integrations
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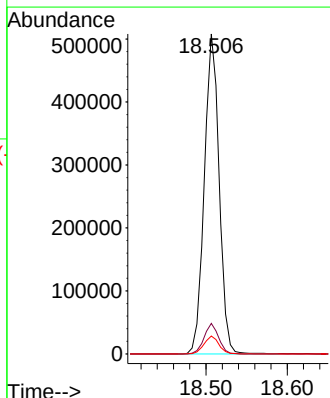
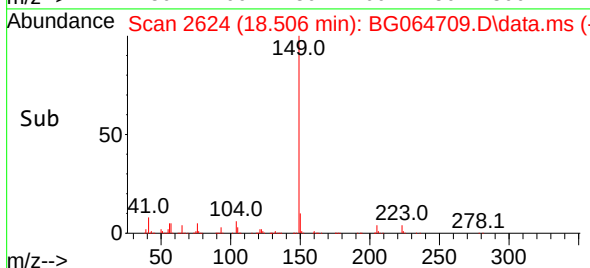
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

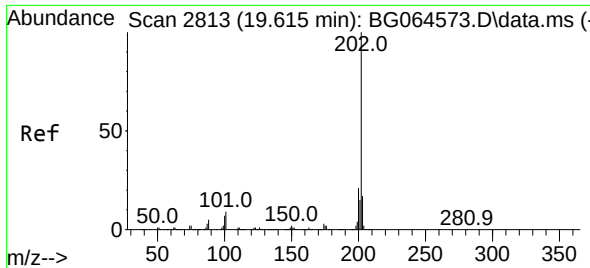


#74
 Di-n-butylphthalate
 Concen: 47.057 ng
 RT: 18.506 min Scan# 2624
 Delta R.T. -0.028 min
 Lab File: BG064709.D
 Acq: 6 Nov 2025 19:11



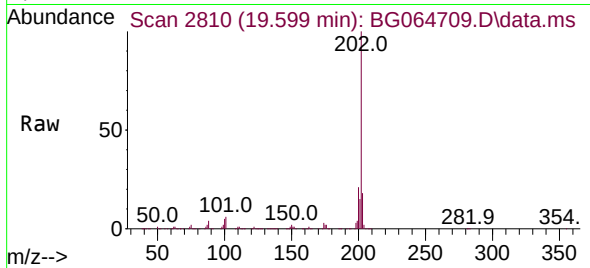
Tgt Ion:149 Resp: 644855
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 50.599 ng
RT: 19.599 min Scan# 2813
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

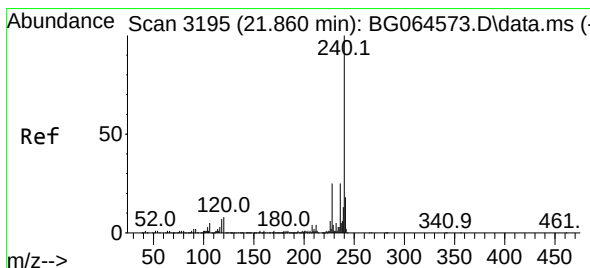
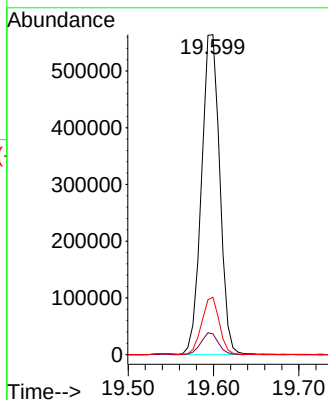
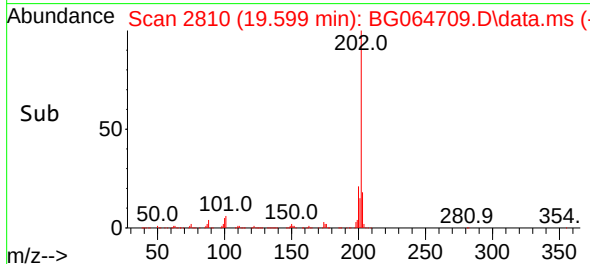
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:202 Resp: 837435
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.9 0.0 37.0

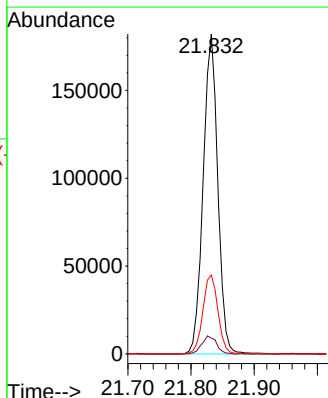
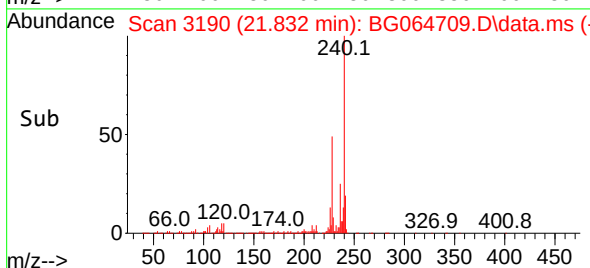
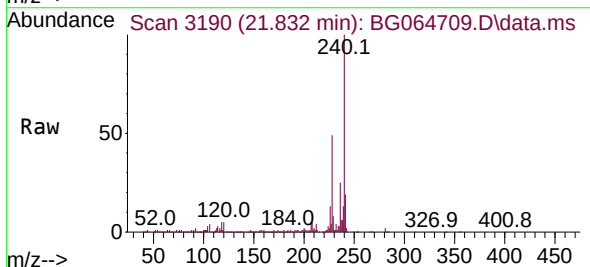
Manual Integrations
APPROVED

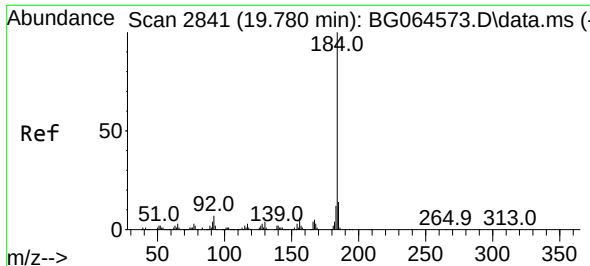
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.832 min Scan# 3190
Delta R.T. -0.028 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

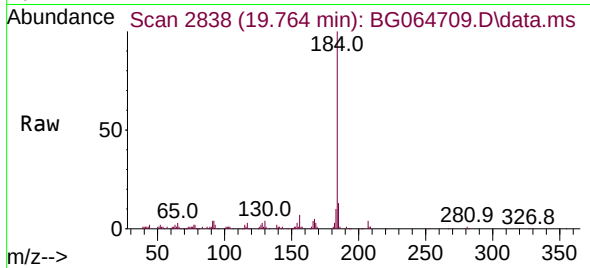
Tgt Ion:240 Resp: 291808
Ion Ratio Lower Upper
240 100
120 4.9 6.5 9.7#
236 24.6 20.2 30.2





#77
Benzidine
Concen: 15.961 ng
RT: 19.764 min Scan# 2838
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

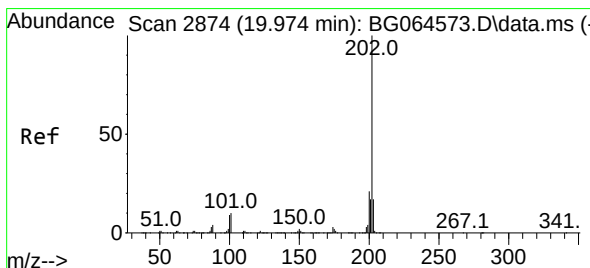
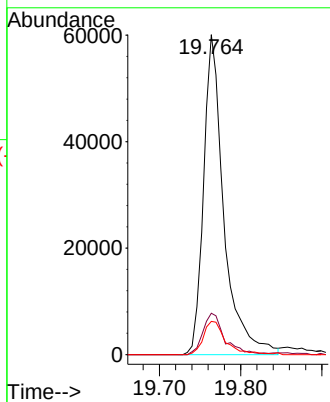
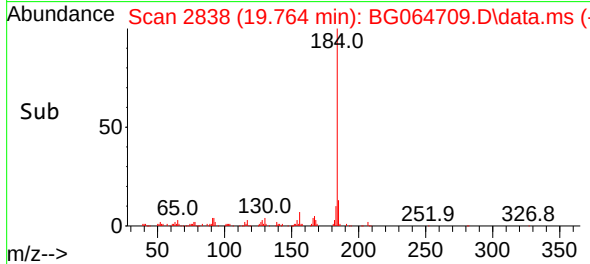
Instrument :
BNA_G
ClientSampleId :
TP-1MS



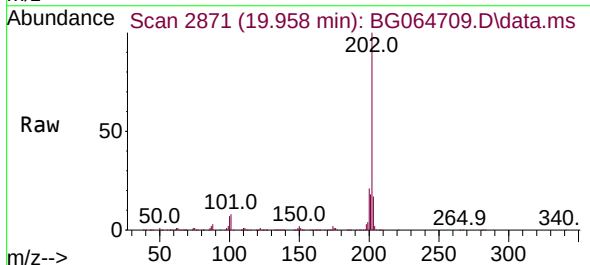
Tgt Ion:184 Resp: 104350
Ion Ratio Lower Upper
184 100
185 12.9 11.4 17.2
183 10.4 9.4 14.2

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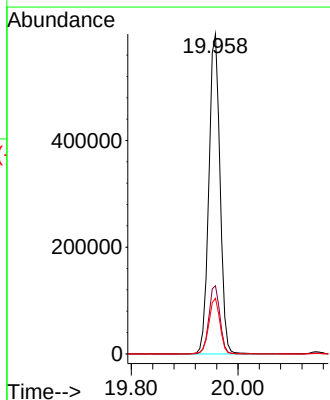
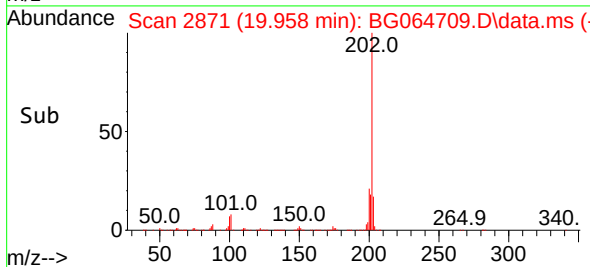
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

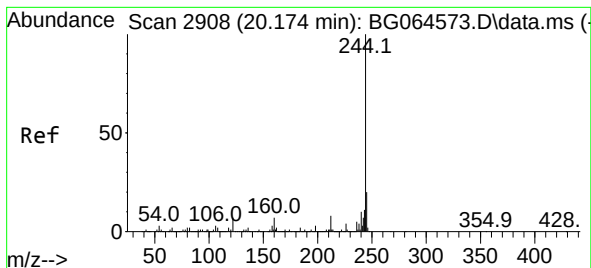


#78
Pyrene
Concen: 45.594 ng
RT: 19.958 min Scan# 2871
Delta R.T. -0.016 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11



Tgt Ion:202 Resp: 869262
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 98.297 ng

RT: 20.152 min Scan# 2908

Delta R.T. -0.022 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:244 Resp: 1519936

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

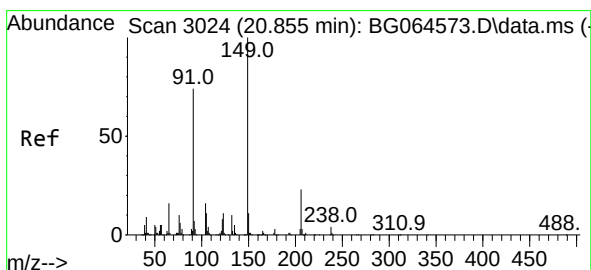
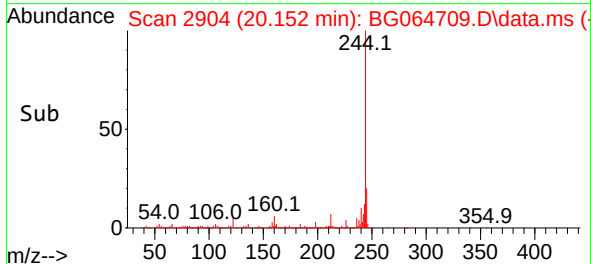
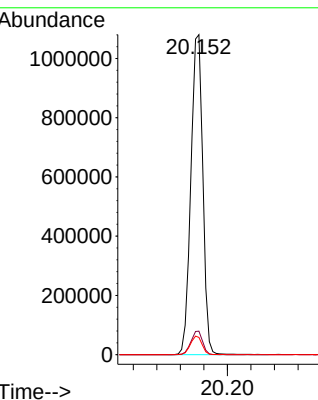
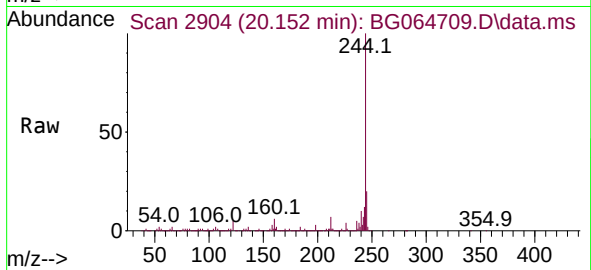
122 5.4 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#80

Butylbenzylphthalate

Concen: 51.044 ng

RT: 20.827 min Scan# 3019

Delta R.T. -0.028 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

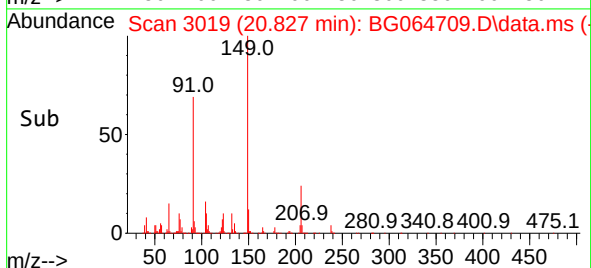
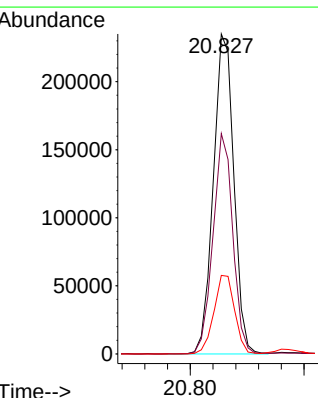
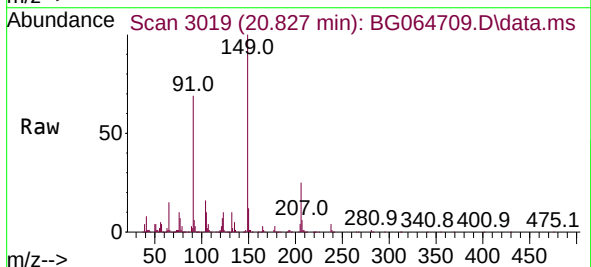
Tgt Ion:149 Resp: 294123

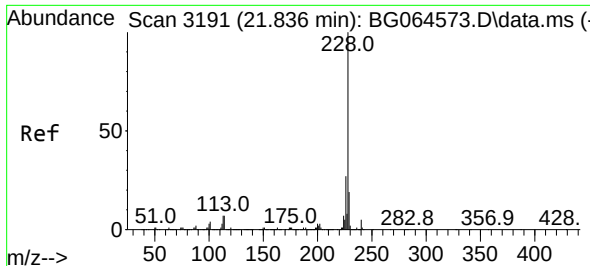
Ion Ratio Lower Upper

149 100

91 68.8 59.2 88.8

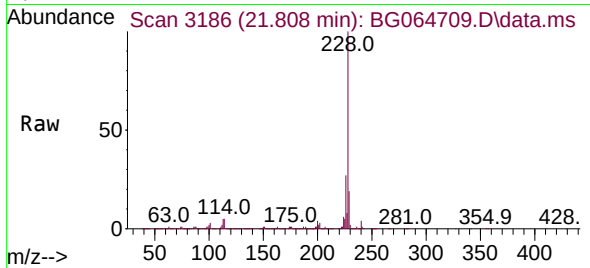
206 24.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 50.961 ng
RT: 21.808 min Scan# 3191
Delta R.T. -0.028 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

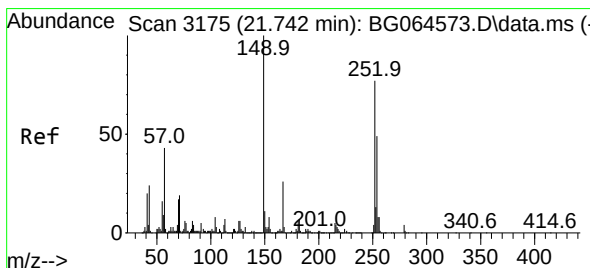
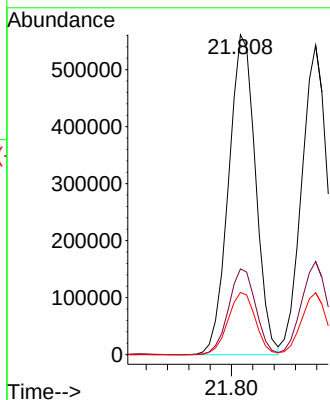
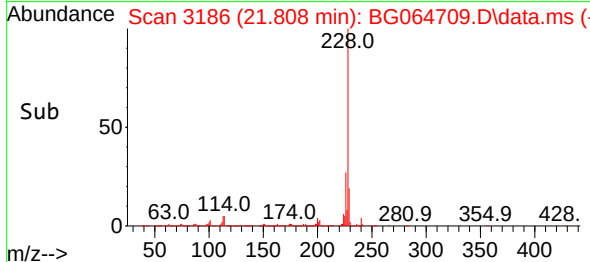
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:228 Resp: 986011
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.4 15.6 23.4

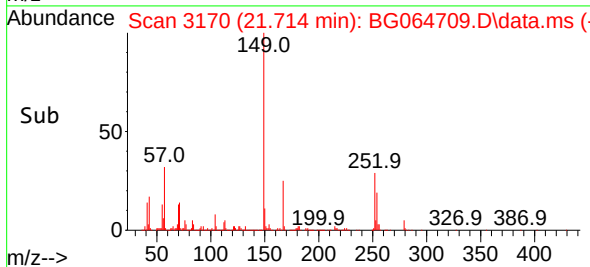
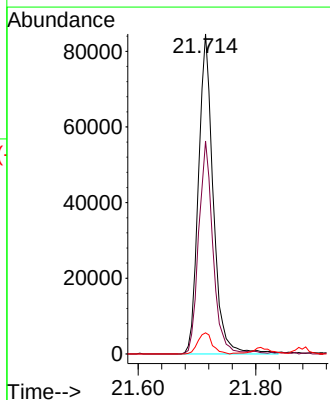
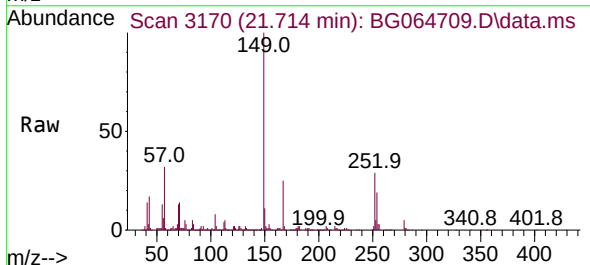
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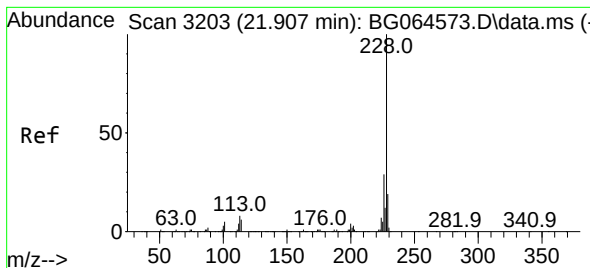
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 22.796 ng
RT: 21.714 min Scan# 3170
Delta R.T. -0.028 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:252 Resp: 147285
Ion Ratio Lower Upper
252 100
254 66.5 50.8 76.2
126 6.6 5.8 8.6





#83

Chrysene

Concen: 49.843 ng

RT: 21.879 min Scan# 3198

Delta R.T. -0.028 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

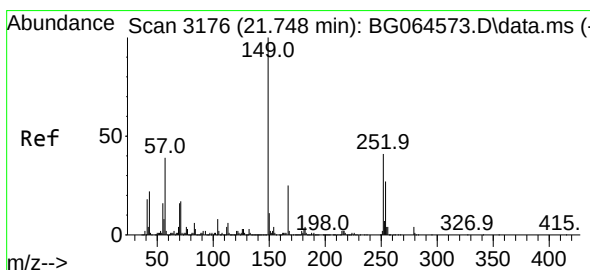
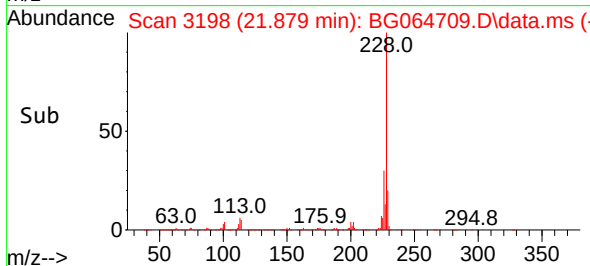
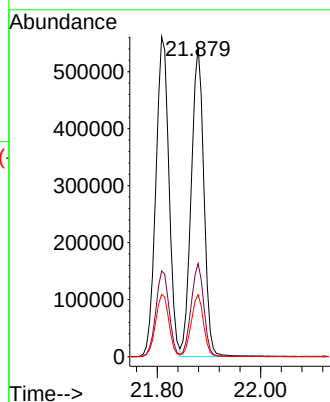
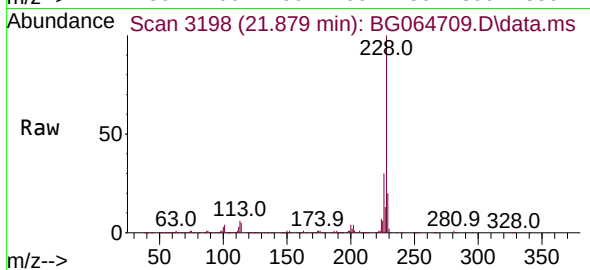
ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 917623
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 20.0 15.2 22.8

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Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.179 ng

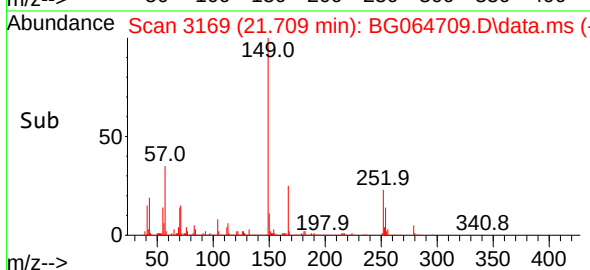
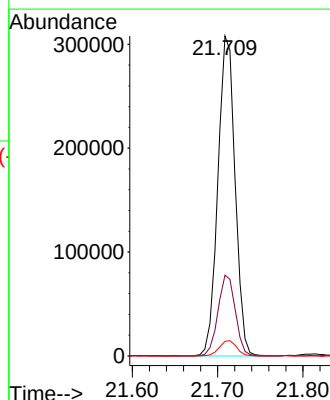
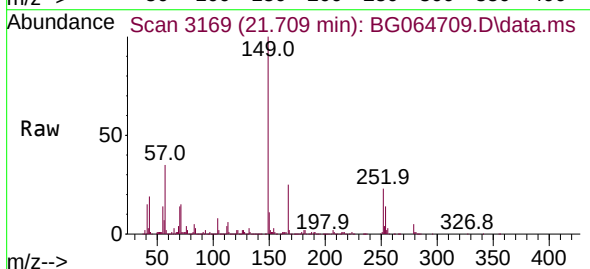
RT: 21.709 min Scan# 3169

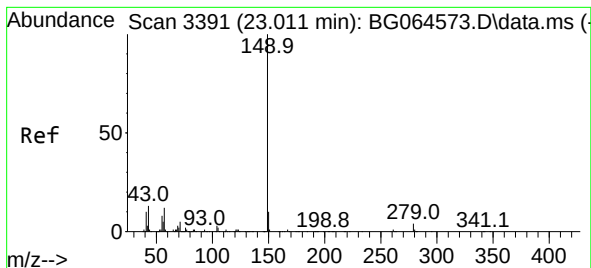
Delta R.T. -0.040 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Tgt Ion:149 Resp: 432047
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.0 30.0
 279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.634 ng

RT: 22.960 min Scan# 3391

Delta R.T. -0.051 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 749550

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

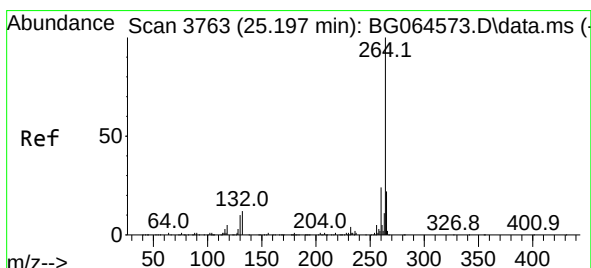
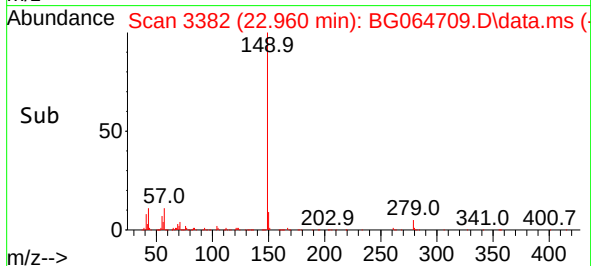
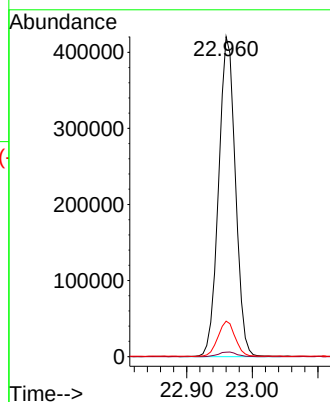
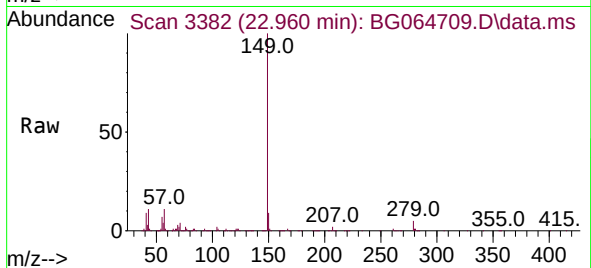
43 11.2 10.8 16.2

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Supervised By :Jagrut Upadhyay 11/10/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.152 min Scan# 3755

Delta R.T. -0.046 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

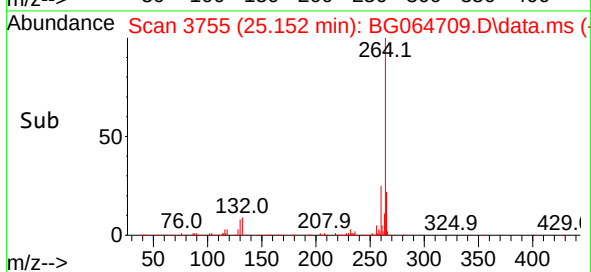
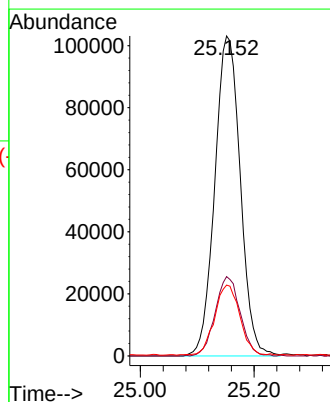
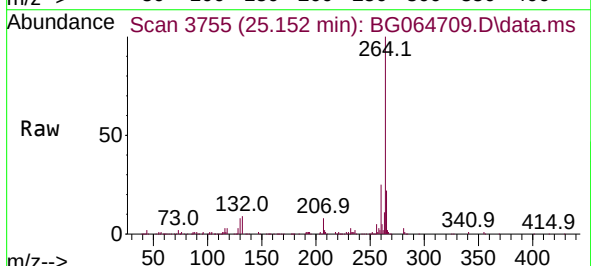
Tgt Ion:264 Resp: 320592

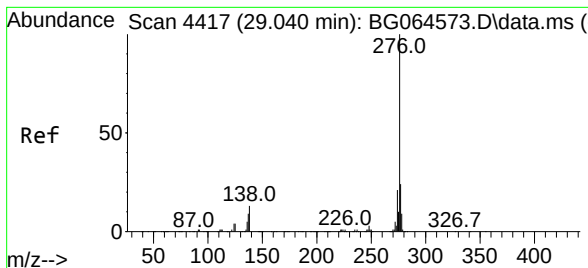
Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.018 ng

RT: 28.971 min Scan# 4417

Delta R.T. -0.069 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 1250373

Ion Ratio Lower Upper

276 100

138 9.6 10.8 16.2

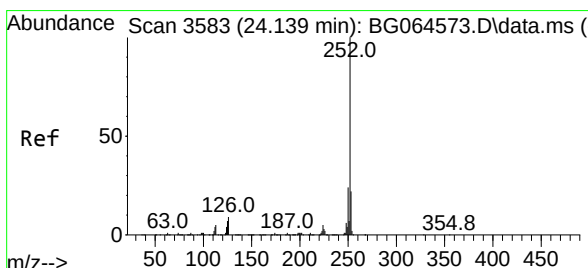
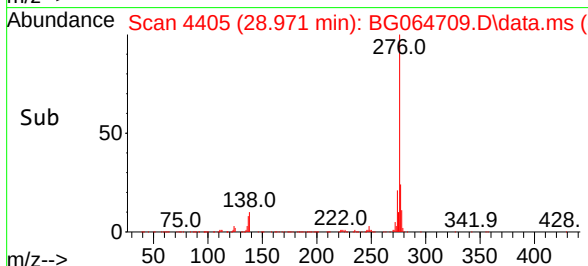
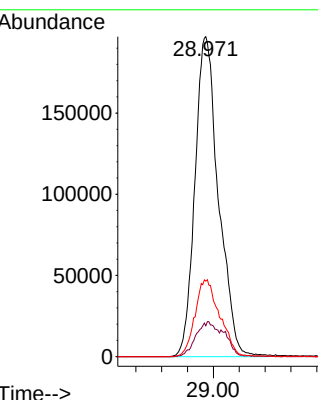
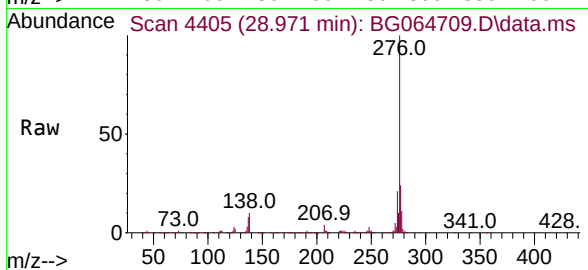
277 25.1 20.1 30.1

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Supervised By :Jagrut Upadhyay 11/10/2025



#88

Benzo(b)fluoranthene

Concen: 52.016 ng

RT: 24.100 min Scan# 3576

Delta R.T. -0.040 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

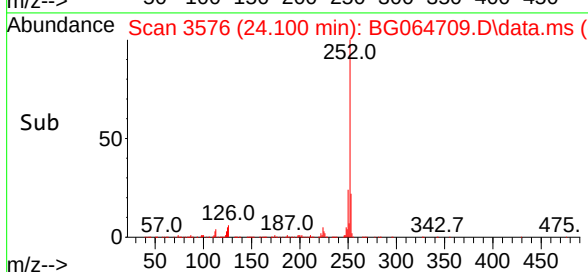
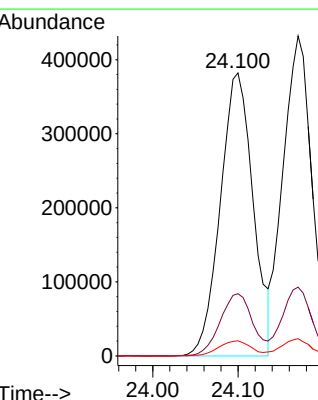
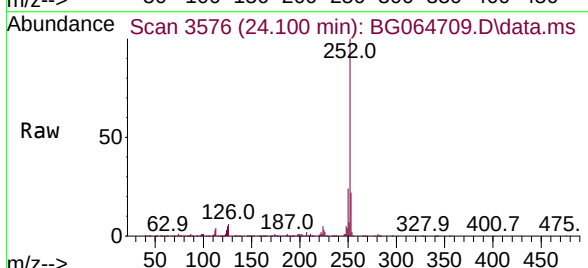
Tgt Ion:252 Resp: 1022561

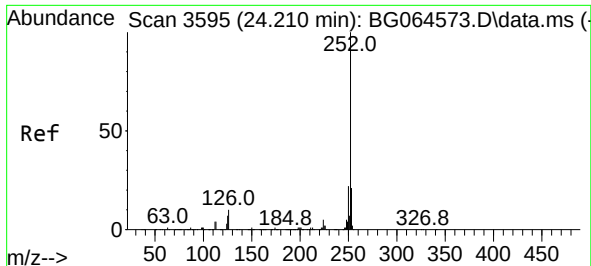
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 5.3 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 51.719 ng

RT: 24.170 min Scan# 3588

Delta R.T. -0.040 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:252 Resp: 1017424

Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

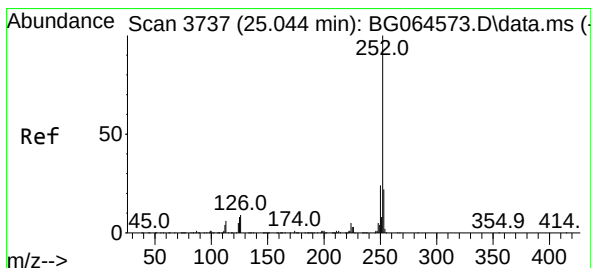
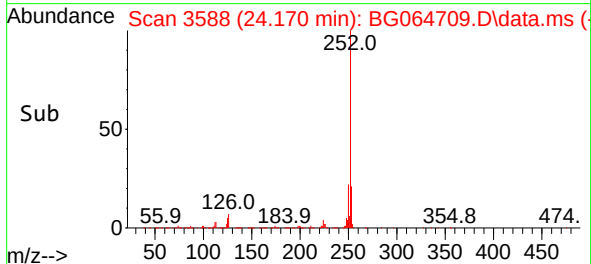
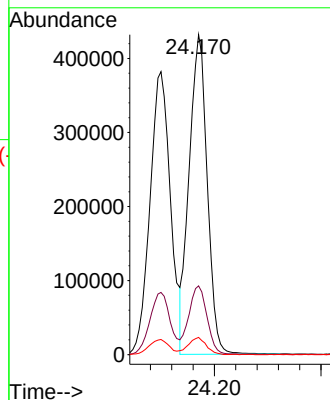
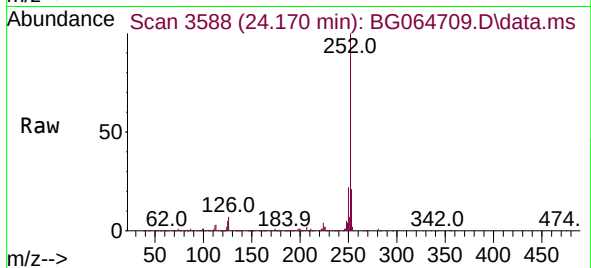
125 5.4 5.4 8.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 54.131 ng

RT: 24.999 min Scan# 3729

Delta R.T. -0.045 min

Lab File: BG064709.D

Acq: 6 Nov 2025 19:11

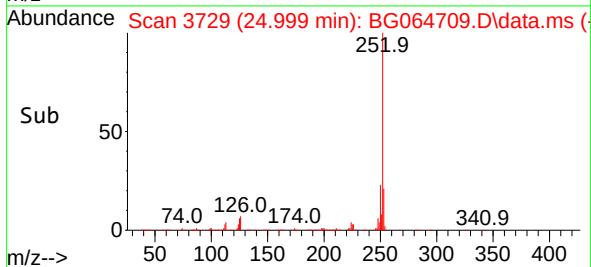
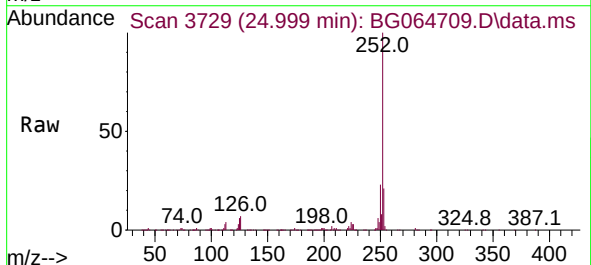
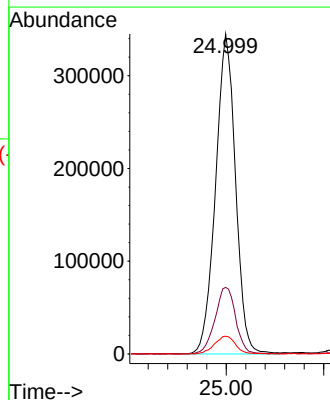
Tgt Ion:252 Resp: 978168

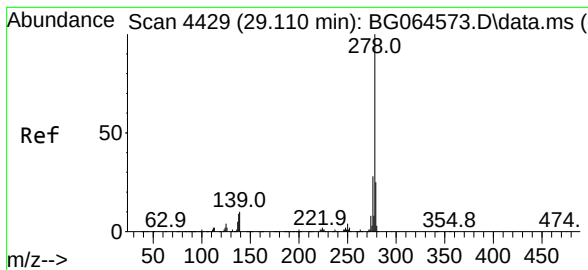
Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

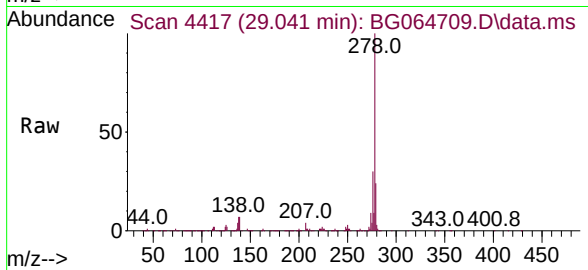
125 5.5 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 53.614 ng
RT: 29.041 min Scan# 4429
Delta R.T. -0.069 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

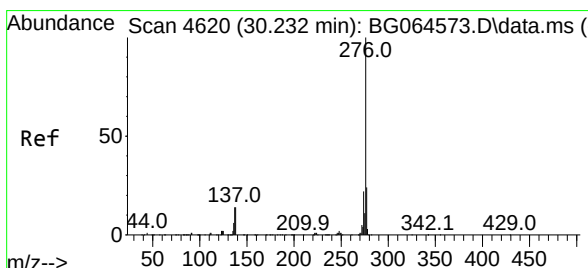
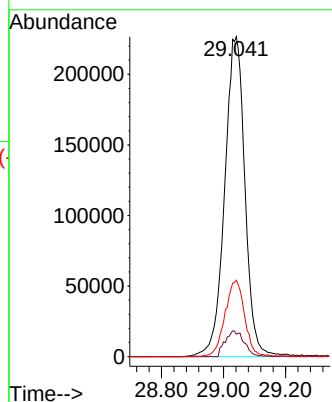
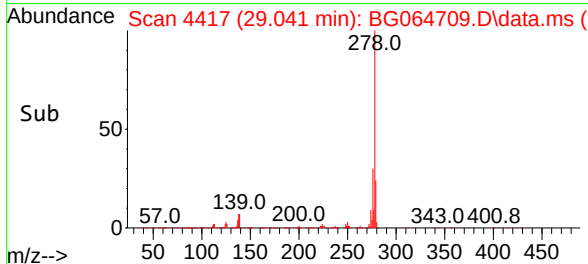
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:278 Resp: 102725
Ion Ratio Lower Upper
278 100
139 7.0 8.0 12.0
279 23.9 19.8 29.6

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Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 54.267 ng
RT: 30.157 min Scan# 4607
Delta R.T. -0.075 min
Lab File: BG064709.D
Acq: 6 Nov 2025 19:11

Tgt Ion:276 Resp: 993251
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 10.5 11.3 16.9

