

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064719.D
 Acq On : 7 Nov 2025 16:54
 Operator : RC/JU
 Sample : PB170446BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 17:40:54 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	8.200	152	38061	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	154155	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	120328	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	326396	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	355727	20.000	ng	#-0.03
86) Perylene-d12	25.162	264	359174	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	237126	104.573	ng	-0.01
7) Phenol-d6	7.342	99	287784	92.488	ng	-0.01
23) Nitrobenzene-d5	9.369	82	275019	107.154	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	221760	127.691	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	786948	99.130	ng	-0.02
79) Terphenyl-d14	20.151	244	1798681	95.422	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	28692	28.580	ng	97
3) Pyridine	3.975	79	73902	24.513	ng	95
4) n-Nitrosodimethylamine	3.881	42	57327	35.459	ng	97
6) Aniline	7.512	93	87035	20.556	ng	98
8) 2-Chlorophenol	7.759	128	119354	50.287	ng	93
9) Benzaldehyde	7.336	77	492	0.290	ng	# 21
10) Phenol	7.371	94	153002	44.463	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	101160	39.984	ng	93
12) 1,3-Dichlorobenzene	8.088	146	124098	45.428	ng	97
13) 1,4-Dichlorobenzene	8.235	146	128015	46.087	ng	96
14) 1,2-Dichlorobenzene	8.558	146	124435	46.446	ng	97
15) Benzyl Alcohol	8.435	79	115429	44.986	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239548	36.096	ng	95
17) 2-Methylphenol	8.635	107	106243	46.502	ng	95
18) Hexachloroethane	9.304	117	45468	46.646	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	91710	42.648	ng	94
20) 3+4-Methylphenols	8.964	107	145491	45.281	ng	96
22) Acetophenone	9.022	105	183612	43.572	ng	# 93
24) Nitrobenzene	9.410	77	141186	50.576	ng	93
25) Isophorone	9.939	82	254423	41.312	ng	97
26) 2-Nitrophenol	10.127	139	65701	60.151	ng	95
27) 2,4-Dimethylphenol	10.180	122	118614	51.778	ng	98
28) bis(2-Chloroethoxy)met...	10.415	93	145179	41.403	ng	99
29) 2,4-Dichlorophenol	10.668	162	133309	54.072	ng	97
30) 1,2,4-Trichlorobenzene	10.885	180	149399	53.335	ng	97
31) Naphthalene	11.079	128	381367	44.621	ng	99
32) Benzoic acid	10.303	122	81522m	46.831	ng	
33) 4-Chloroaniline	11.173	127	87831	26.439	ng	98
34) Hexachlorobutadiene	11.367	225	117468	53.622	ng	98
35) Caprolactam	11.943	113	37813m	39.989	ng	
36) 4-Chloro-3-methylphenol	12.277	107	142725	48.162	ng	97
37) 2-Methylnaphthalene	12.671	142	285895	45.561	ng	99
38) 1-Methylnaphthalene	12.888	142	270471	43.540	ng	98
40) 1,2,4,5-Tetrachloroben...	13.035	216	214940	53.225	ng	99
41) Hexachlorocyclopentadiene	13.018	237	248477	136.701	ng	99
43) 2,4,6-Trichlorophenol	13.265	196	134974	58.432	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	152756	57.305	ng	95
46) 1,1'-Biphenyl	13.664	154	402880	47.096	ng	96
47) 2-Chloronaphthalene	13.711	162	316707	49.047	ng	97
48) 2-Nitroaniline	13.893	65	113021	51.860	ng	94
49) Acenaphthylene	14.551	152	493325	48.436	ng	99
50) Dimethylphthalate	14.269	163	443005	48.113	ng	99
51) 2,6-Dinitrotoluene	14.387	165	93259	60.494	ng	92
52) Acenaphthene	14.892	154	378635	54.413	ng	98
53) 3-Nitroaniline	14.716	138	69200	43.732	ng	99
54) 2,4-Dinitrophenol	14.921	184	108934	114.284	ng	# 33
55) Dibenzofuran	15.221	168	544332	48.385	ng	99
56) 4-Nitrophenol	15.015	139	149391	101.830	ng	91
57) 2,4-Dinitrotoluene	15.168	165	133989	56.467	ng	# 91
58) Fluorene	15.867	166	420174	47.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	159546	62.591	ng	96
60) Diethylphthalate	15.626	149	432419	45.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.856	204	258590	52.446	ng	98
62) 4-Nitroaniline	15.873	138	87626	49.776	ng	91
63) Azobenzene	16.149	77	360037	41.738	ng	96
65) 4,6-Dinitro-2-methylph...	15.932	198	83300	56.868	ng	94
66) n-Nitrosodiphenylamine	16.067	169	389668	44.196	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	190933	49.363	ng	95
68) Hexachlorobenzene	16.872	284	220455	49.960	ng	93
69) Atrazine	17.001	200	112248	29.584	ng	99
70) Pentachlorophenol	17.207	266	227079	82.524	ng	95
71) Phenanthrene	17.607	178	774756	43.405	ng	99
72) Anthracene	17.695	178	754777	41.570	ng	100
73) Carbazole	17.959	167	662081	41.352	ng	99
74) Di-n-butylphthalate	18.511	149	751234	40.575	ng	99
75) Fluoranthene	19.598	202	969628	43.363	ng	98
77) Benzidine	19.769	184	71796	9.009	ng	96
78) Pyrene	19.957	202	1002221	43.122	ng	99
80) Butylbenzylphthalate	20.832	149	345984	49.255	ng	89
81) Benzo(a)anthracene	21.813	228	1145021	48.545	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	359930	45.698	ng	99
83) Chrysene	21.884	228	1059232	47.196	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	505380	48.149	ng	# 97
85) Di-n-octyl phthalate	22.965	149	877431	49.583	ng	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1397154	52.878	ng	99
88) Benzo(b)fluoranthene	24.105	252	1226427	55.685	ng	# 97
89) Benzo(k)fluoranthene	24.175	252	1168573	53.021	ng	# 97
90) Benzo(a)pyrene	25.010	252	1023739	50.567	ng	# 98
91) Dibenzo(a,h)anthracene	29.046	278	1184674	55.188	ng	# 96
92) Benzo(g,h,i)perylene	30.180	276	1143584	55.769	ng	# 96

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

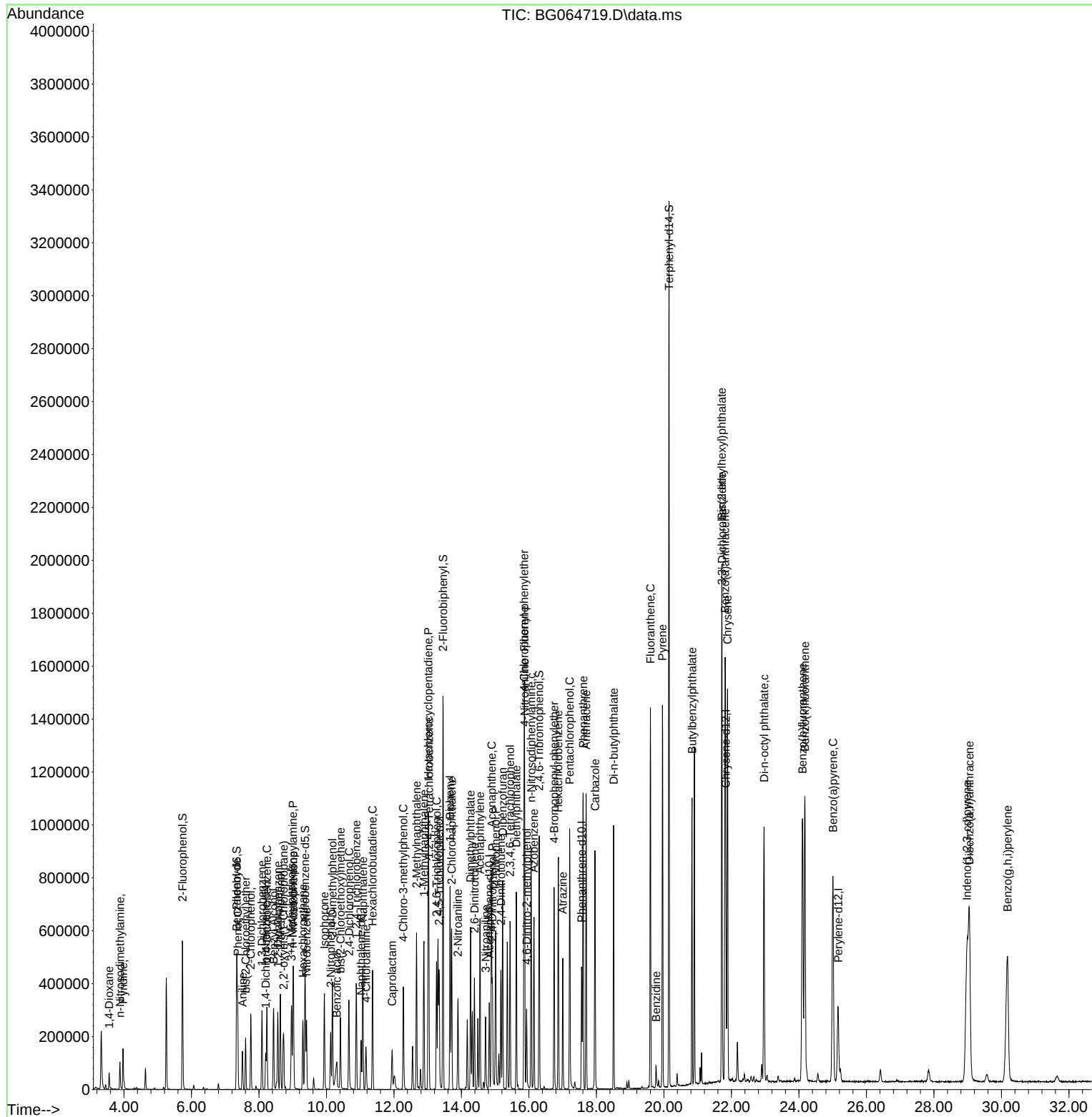
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Data File : BG064719.D
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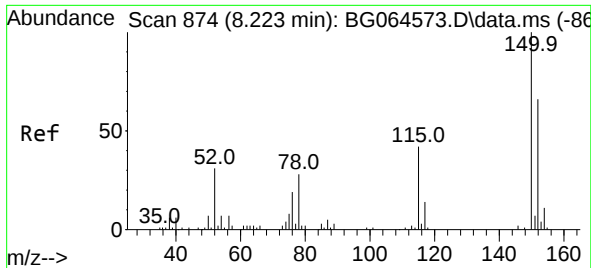
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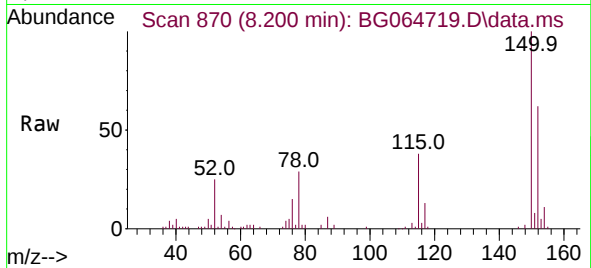
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

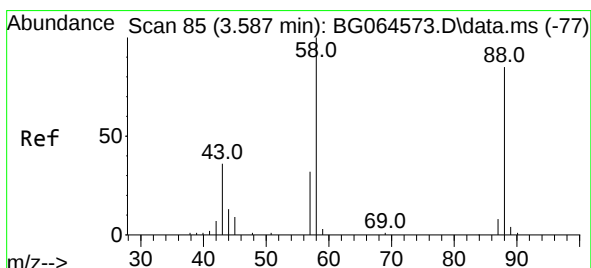
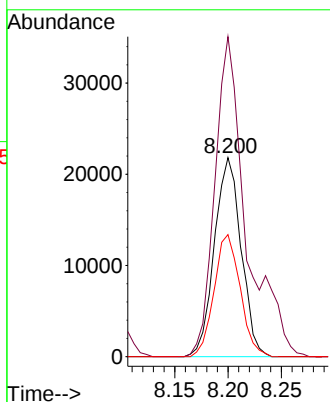
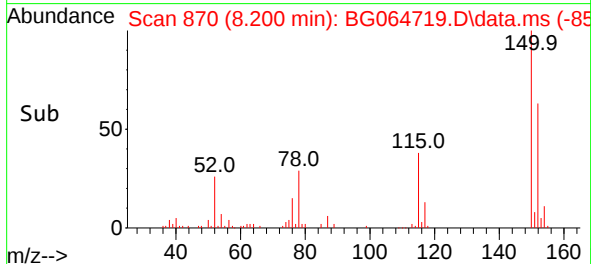
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:152 Resp: 3806
Ion Ratio Lower Upper
152 100
150 160.8 122.2 183.4
115 61.3 50.8 76.2

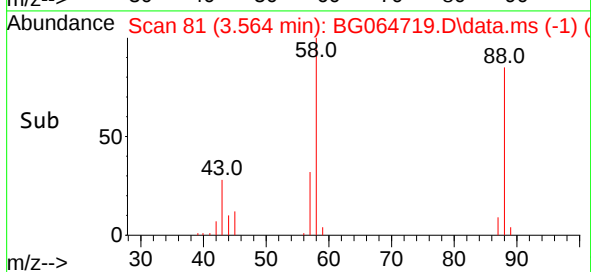
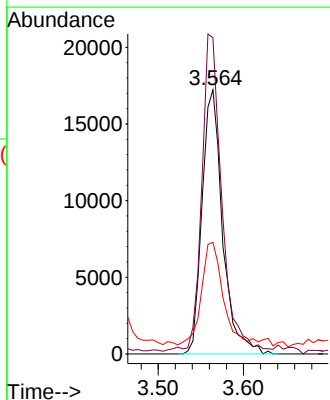
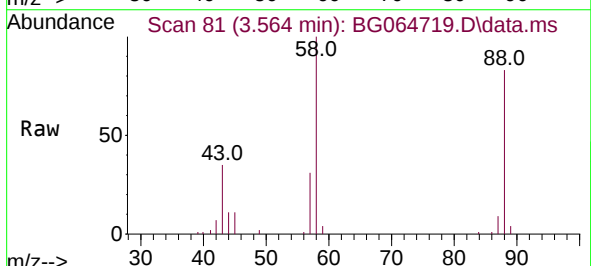
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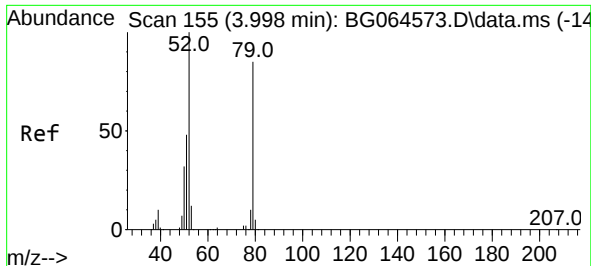
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 28.580 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

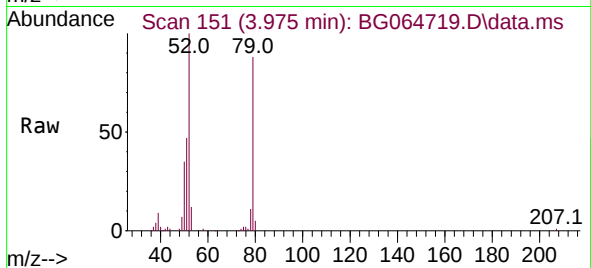
Tgt Ion: 88 Resp: 28692
Ion Ratio Lower Upper
88 100
58 118.9 92.4 138.6
43 40.2 33.0 49.6





#3
Pyridine
Concen: 24.513 ng
RT: 3.975 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

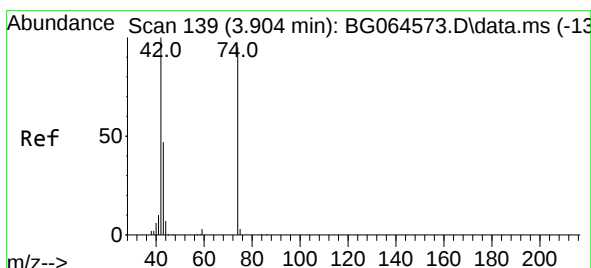
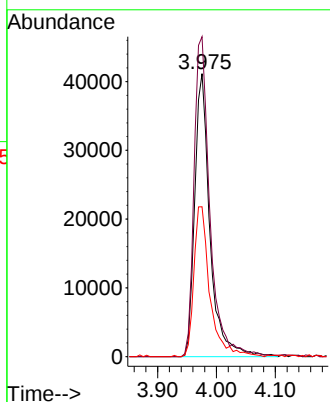
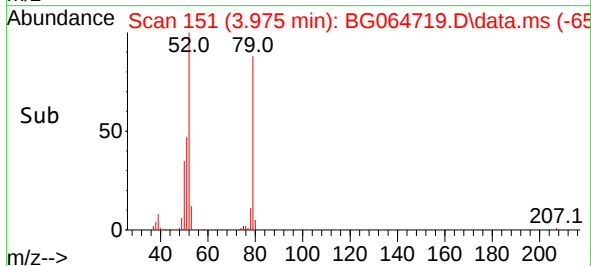
Instrument :
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ClientSampleId :
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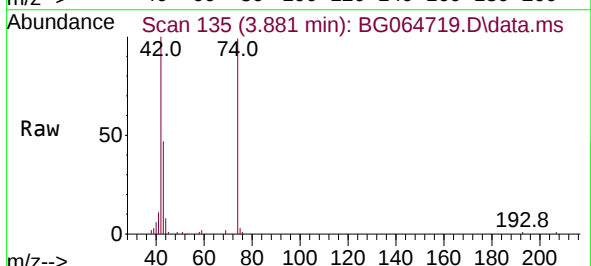
Tgt Ion: 79 Resp: 73902
Ion Ratio Lower Upper
79 100
52 113.1 94.2 141.2
51 53.0 46.1 69.1

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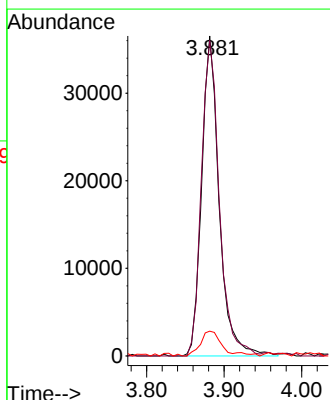
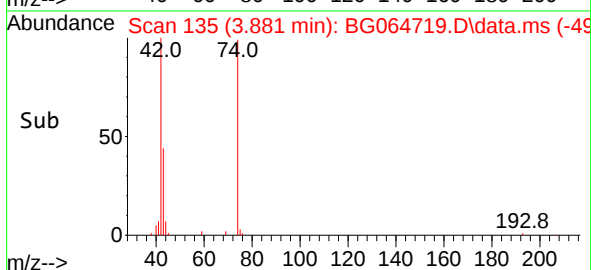
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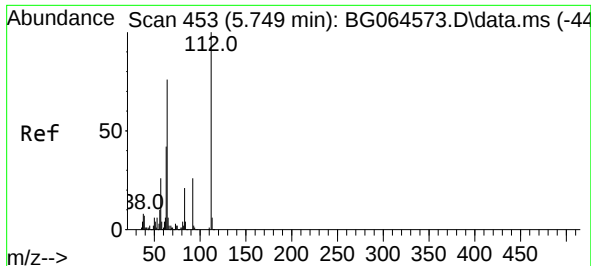


#4
n-Nitrosodimethylamine
Concen: 35.459 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



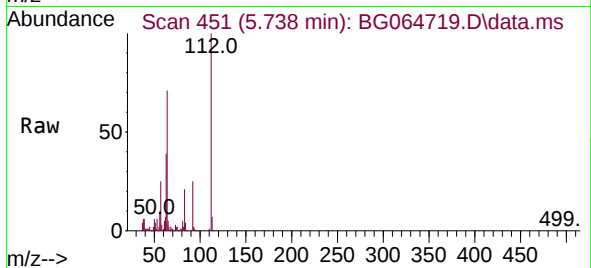
Tgt Ion: 42 Resp: 57327
Ion Ratio Lower Upper
42 100
74 98.6 76.1 114.1
44 7.7 6.3 9.5





#5
2-Fluorophenol
Concen: 104.573 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

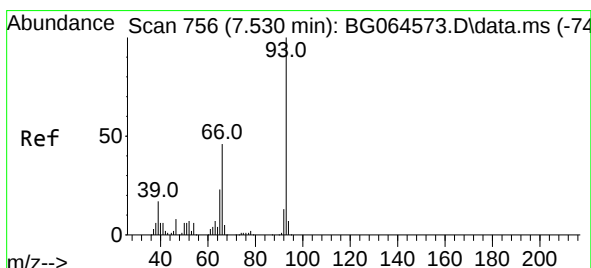
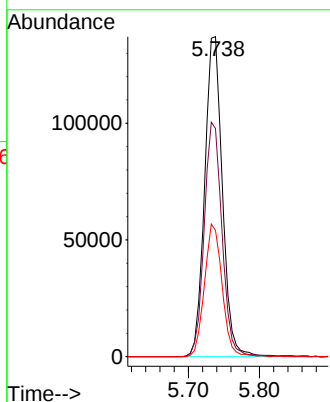
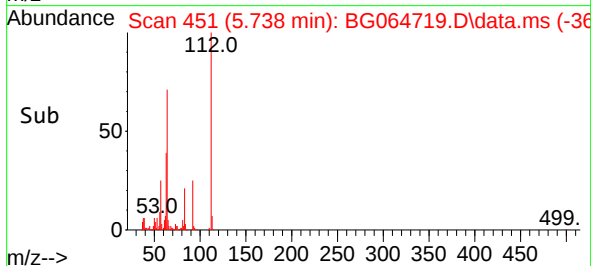
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 112 Resp: 237126
Ion Ratio Lower Upper
112 100
64 71.3 60.7 91.1
63 39.4 33.4 50.0

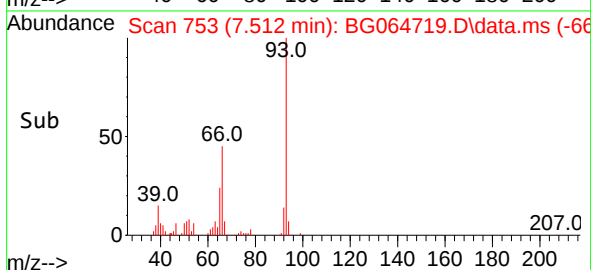
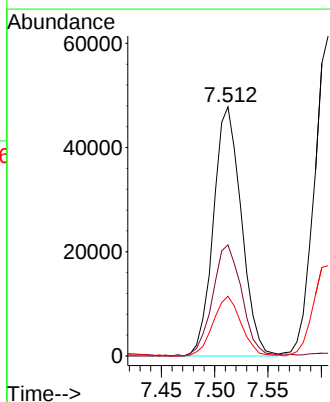
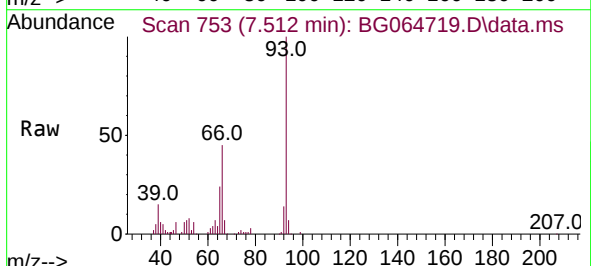
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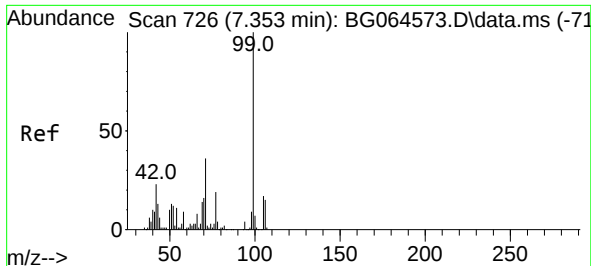
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 20.556 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

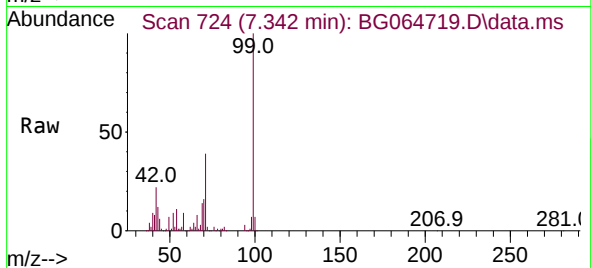
Tgt Ion: 93 Resp: 87035
Ion Ratio Lower Upper
93 100
66 44.6 37.0 55.6
65 23.9 18.3 27.5





#7
Phenol-d6
Concen: 92.488 ng
RT: 7.342 min Scan# 719
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

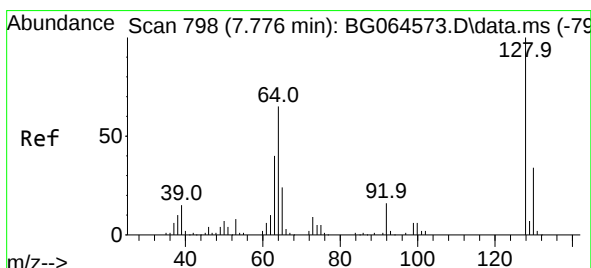
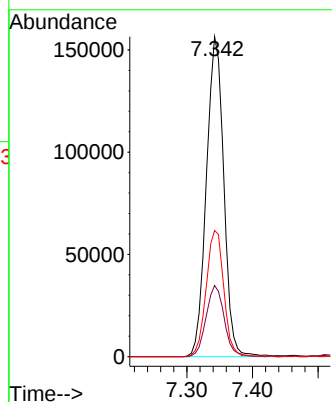
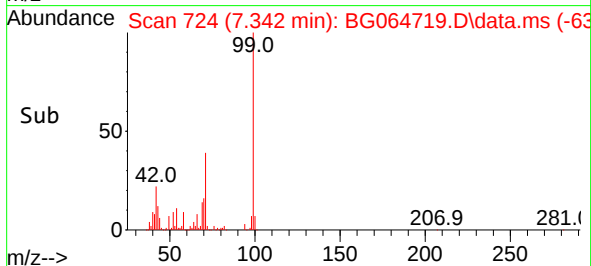
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Tgt Ion: 99 Resp: 287784
Ion Ratio Lower Upper
99 100
42 22.2 18.3 27.5
71 39.4 28.6 43.0

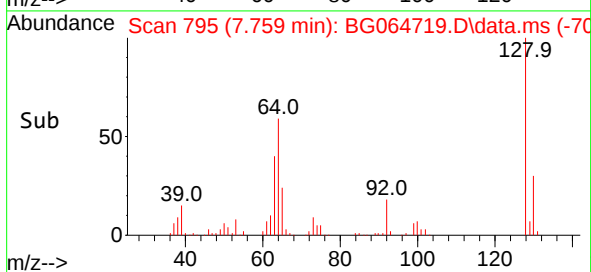
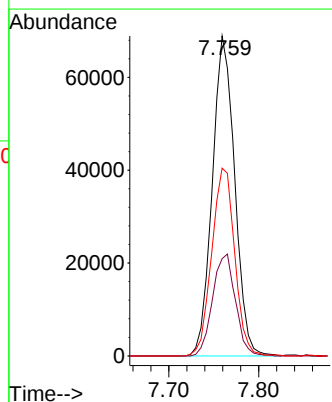
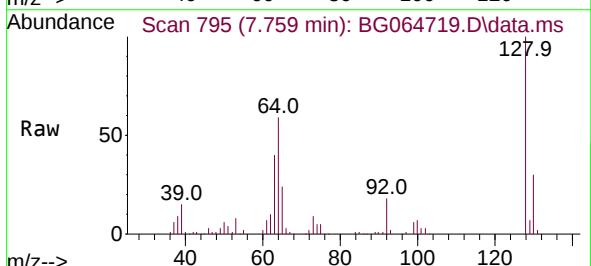
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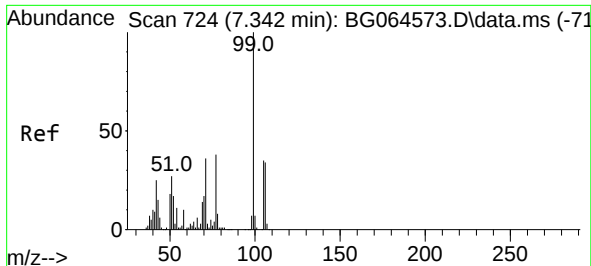
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#8
2-Chlorophenol
Concen: 50.287 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

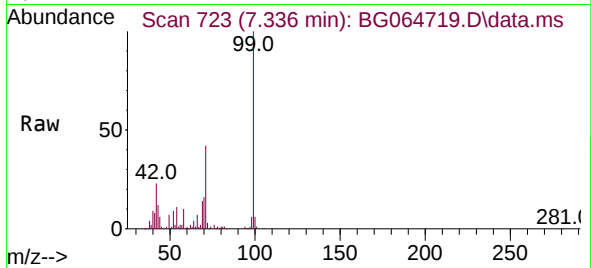
Tgt Ion:128 Resp: 119354
Ion Ratio Lower Upper
128 100
130 30.4 13.5 53.5
64 58.7 45.2 85.2





#9
Benzaldehyde
Concen: 0.290 ng
RT: 7.336 min Scan# 724
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

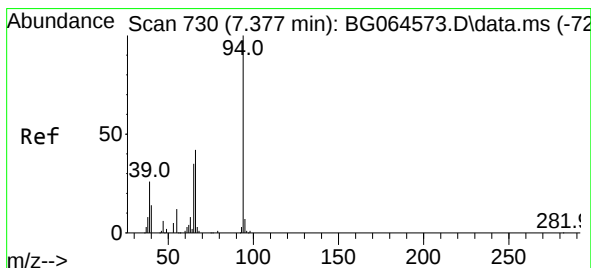
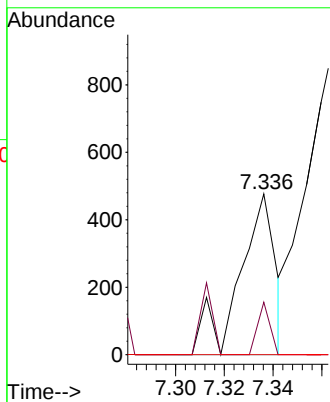
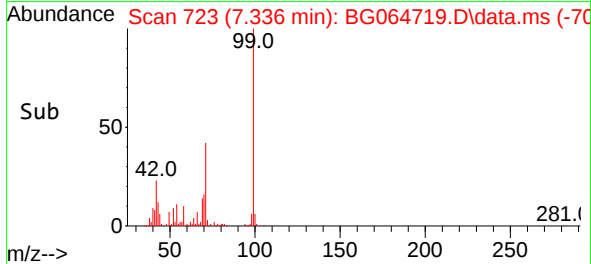
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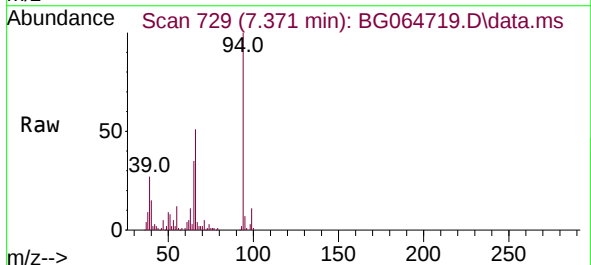
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Ion Ratio Lower Upper
77 100
105 32.7 72.9 112.9
106 0.0 70.8 110.8

Manual Integrations
APPROVED

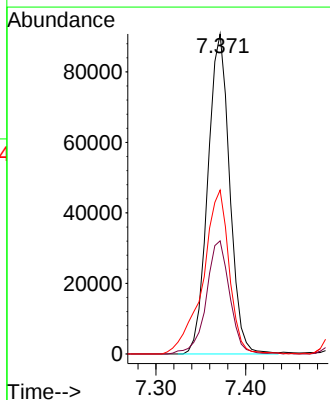
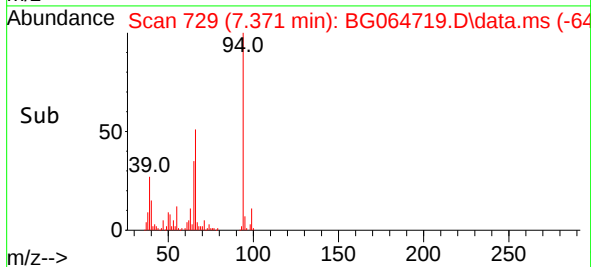
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

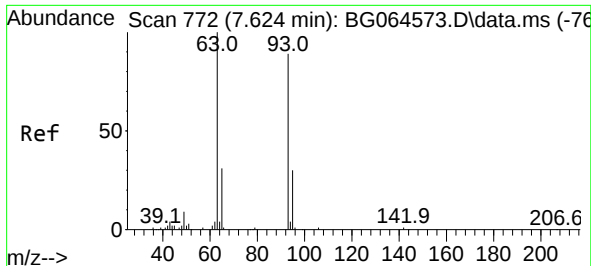


#10
Phenol
Concen: 44.463 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



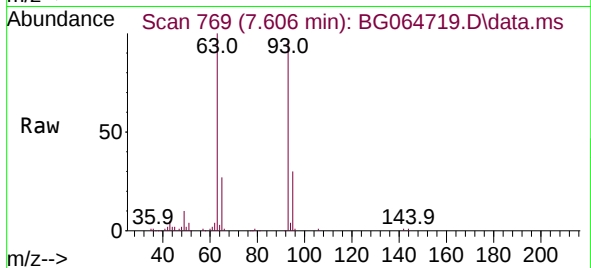
Tgt Ion: 94 Resp: 153002
Ion Ratio Lower Upper
94 100
65 35.3 15.8 55.8
66 51.2 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 39.984 ng
RT: 7.606 min Scan# 769
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

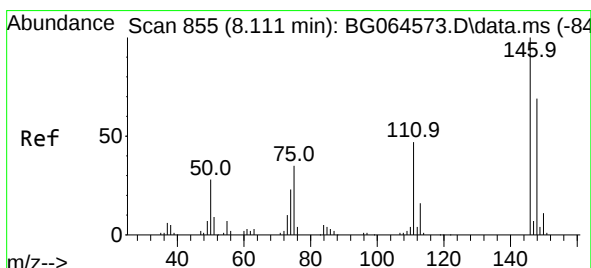
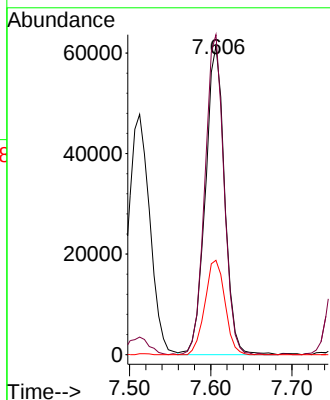
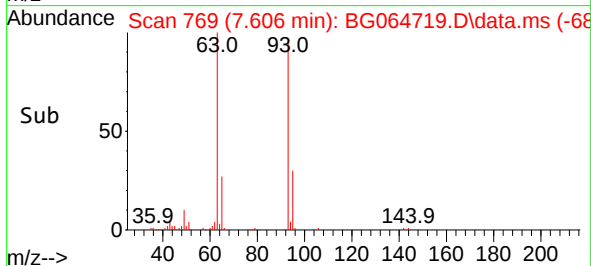
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 93 Resp: 101160
Ion Ratio Lower Upper
93 100
63 103.6 91.3 131.3
95 30.6 13.3 53.3

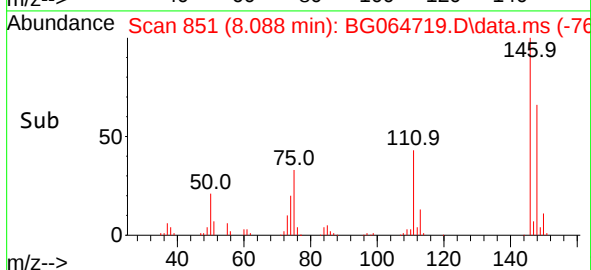
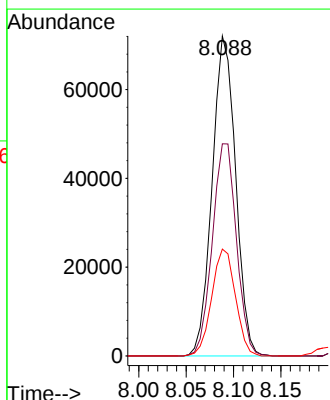
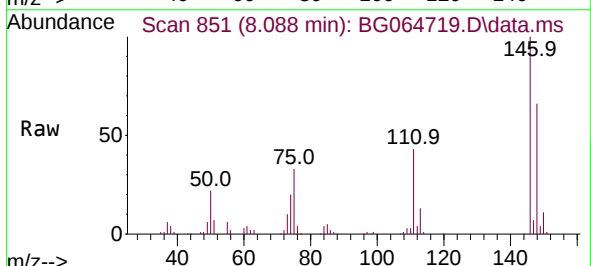
Manual Integrations
APPROVED

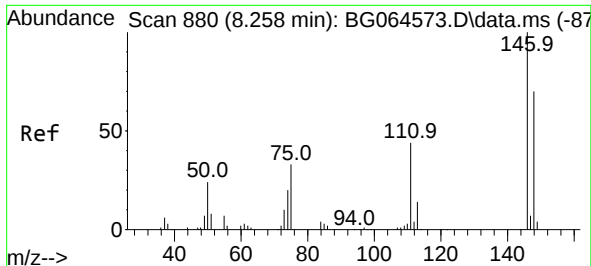
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 45.428 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:146 Resp: 124098
Ion Ratio Lower Upper
146 100
148 66.3 55.3 82.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 8.235 min Scan# 81

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:146 Resp: 128015

Ion Ratio Lower Upper

146 100

148 67.5 56.2 84.4

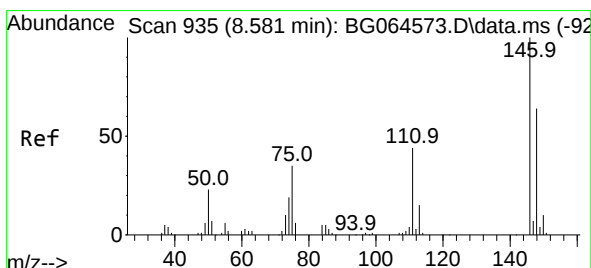
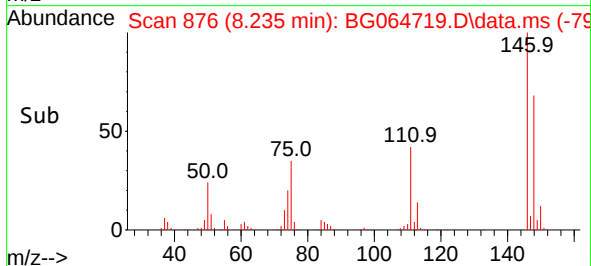
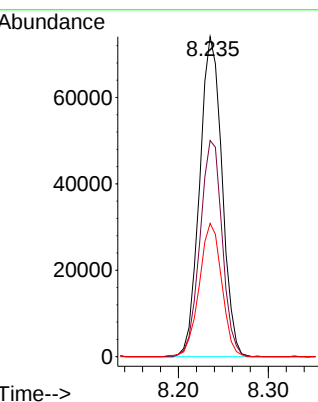
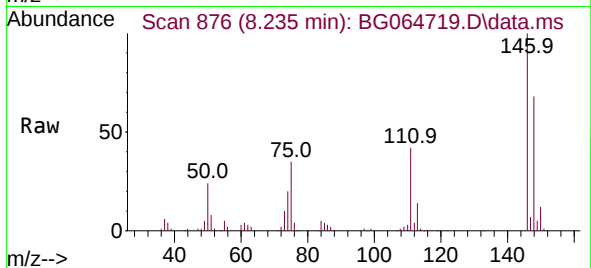
111 41.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 46.446 ng

RT: 8.558 min Scan# 931

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

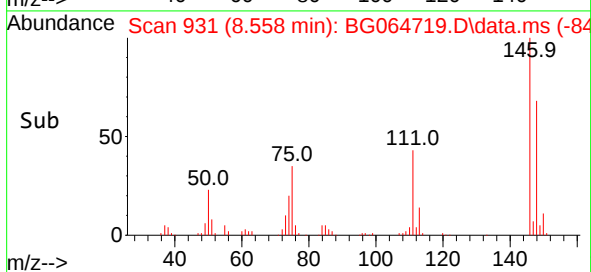
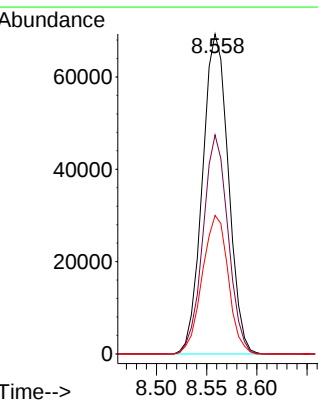
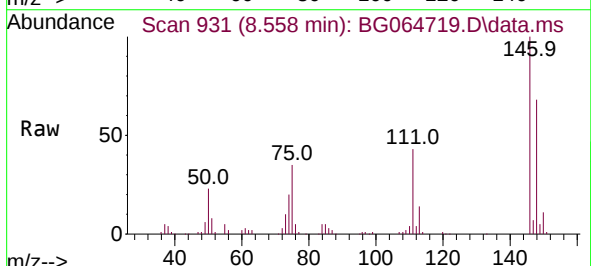
Tgt Ion:146 Resp: 124435

Ion Ratio Lower Upper

146 100

148 68.4 51.5 77.3

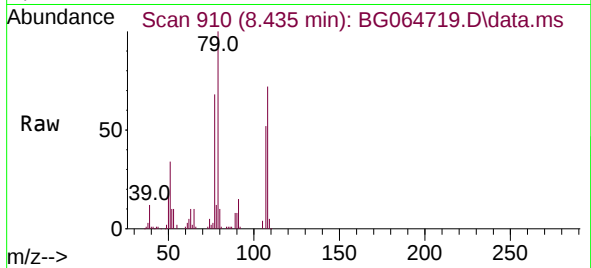
111 43.3 35.0 52.6





#15
Benzyl Alcohol
Concen: 44.986 ng
RT: 8.435 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

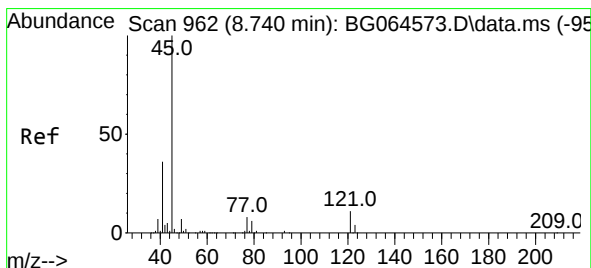
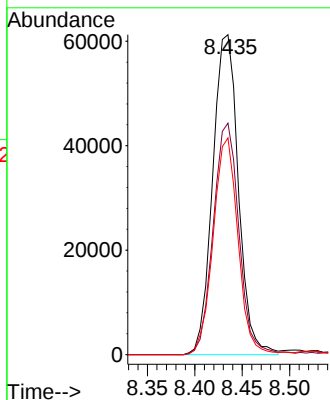
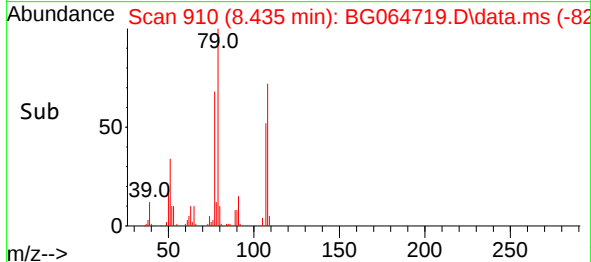
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



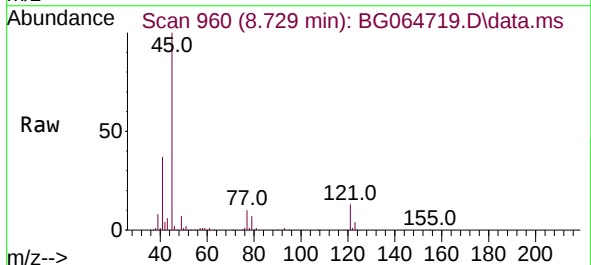
Tgt Ion: 79 Resp: 115429
Ion Ratio Lower Upper
79 100
108 72.3 58.1 87.1
77 67.7 52.8 79.2

Manual Integrations
APPROVED

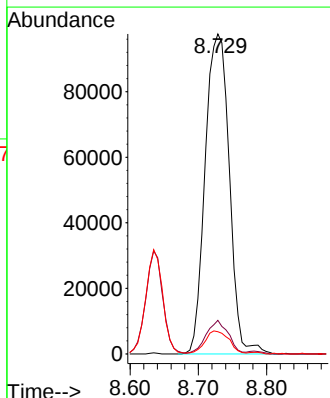
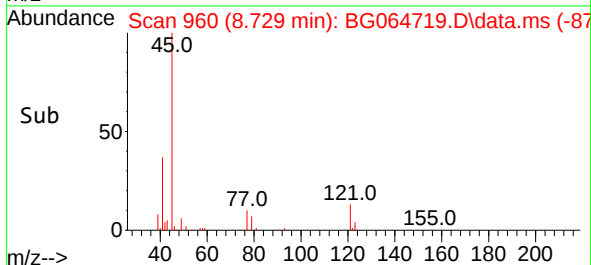
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.096 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



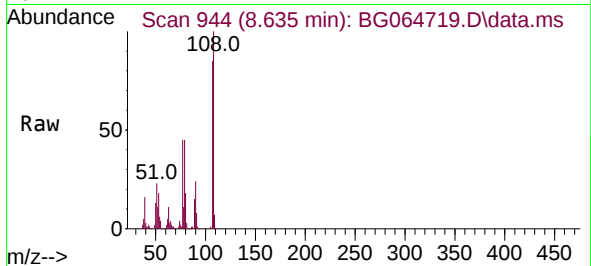
Tgt Ion: 45 Resp: 239548
Ion Ratio Lower Upper
45 100
77 10.5 0.0 28.5
79 6.9 0.0 25.6





#17
2-Methylphenol
Concen: 46.502 ng
RT: 8.635 min Scan# 947
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

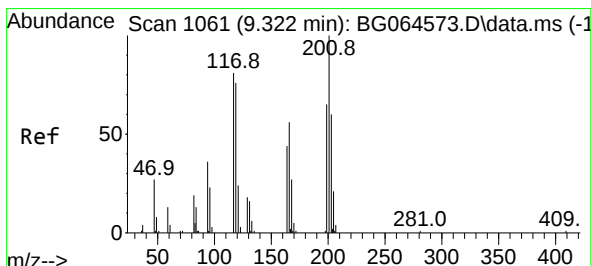
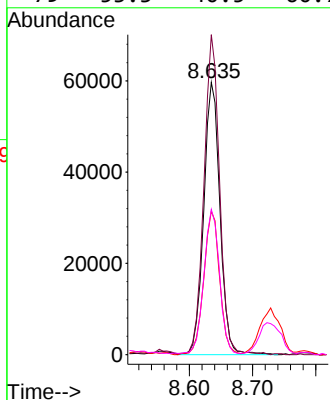
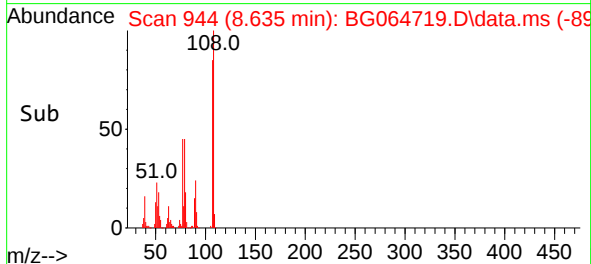
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:107 Resp: 106243
Ion Ratio Lower Upper
107 100
108 117.6 90.0 135.0
77 52.7 37.8 56.8
79 53.3 40.5 60.7

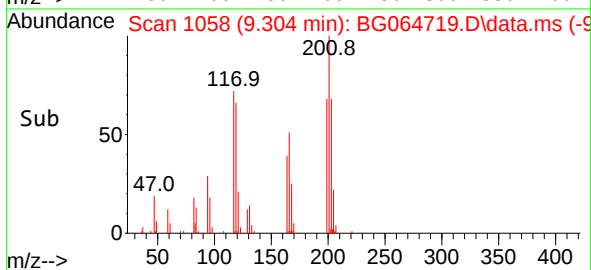
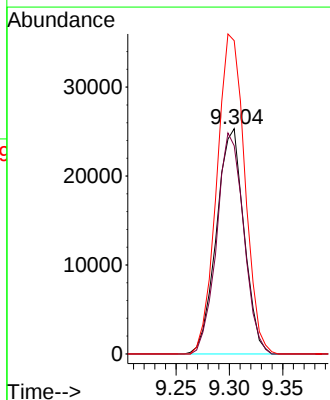
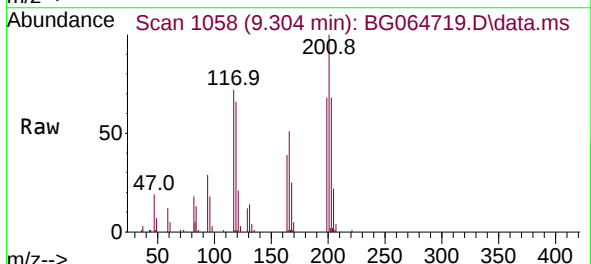
Manual Integrations
APPROVED

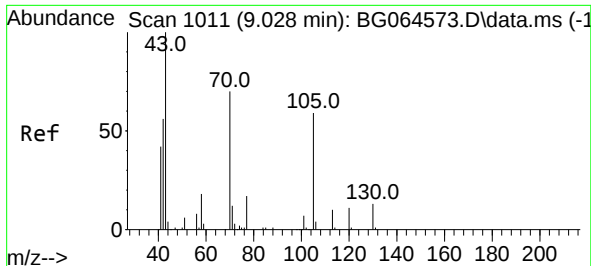
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 46.646 ng
RT: 9.304 min Scan# 1058
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

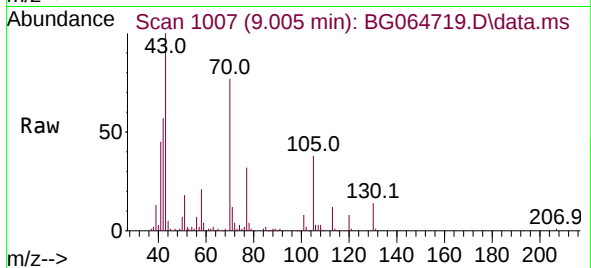
Tgt Ion:117 Resp: 45468
Ion Ratio Lower Upper
117 100
119 92.4 75.4 113.2
201 139.1 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.648 ng
RT: 9.005 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

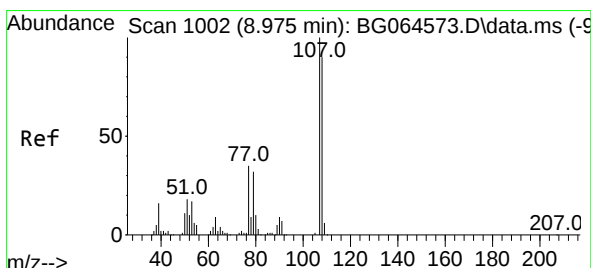
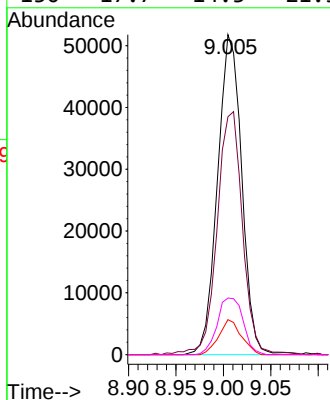
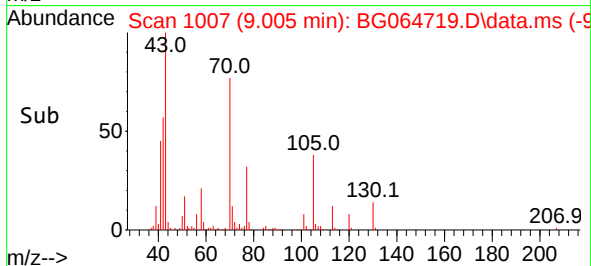
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



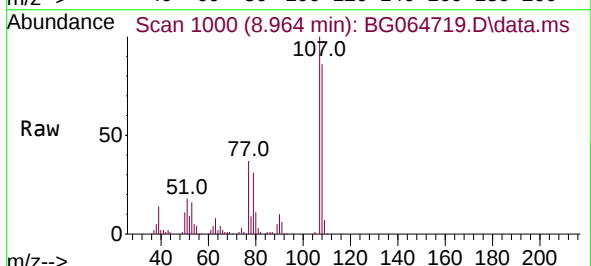
Tgt Ion: 70 Resp: 91710
Ion Ratio Lower Upper
70 100
42 74.3 65.2 97.8
101 10.9 7.9 11.9
130 17.7 14.3 21.5

Manual Integrations
APPROVED

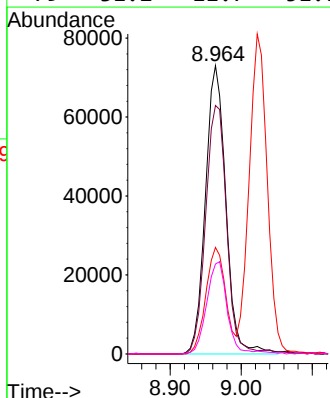
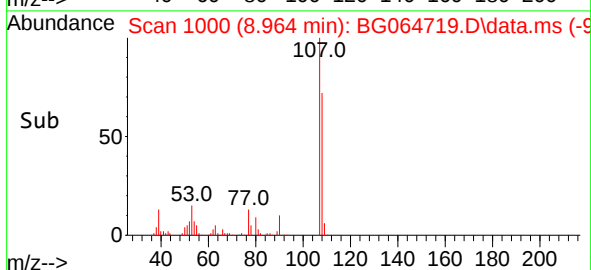
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

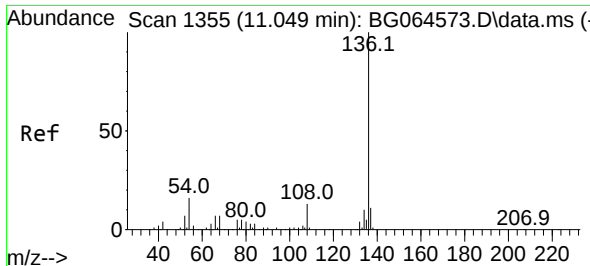


#20
3+4-Methylphenols
Concen: 45.281 ng
RT: 8.964 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



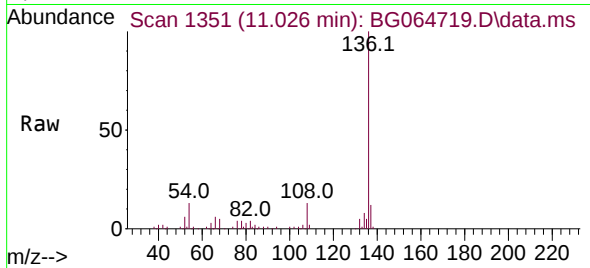
Tgt Ion:107 Resp: 145491
Ion Ratio Lower Upper
107 100
108 86.2 70.3 110.3
77 36.9 14.6 54.6
79 31.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1355
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

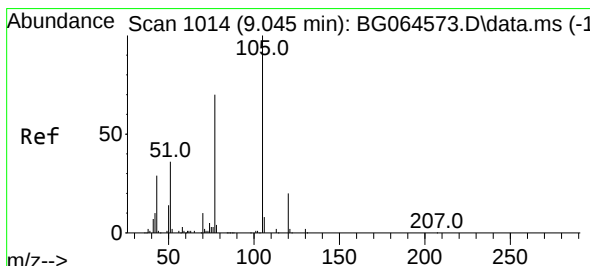
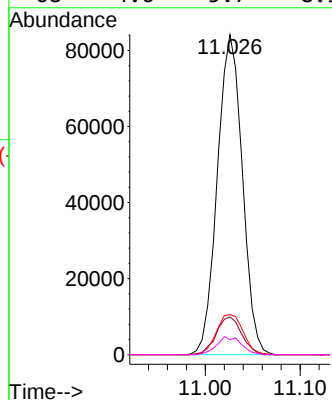
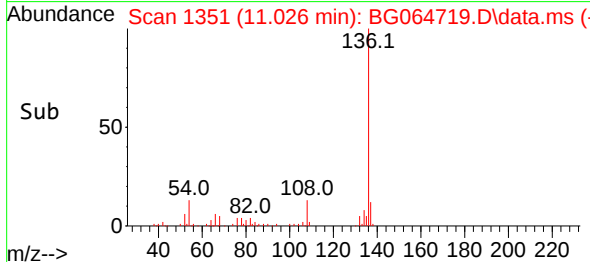
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:136 Resp: 154155
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 12.5 12.6 19.0
68 4.6 5.7 8.5#

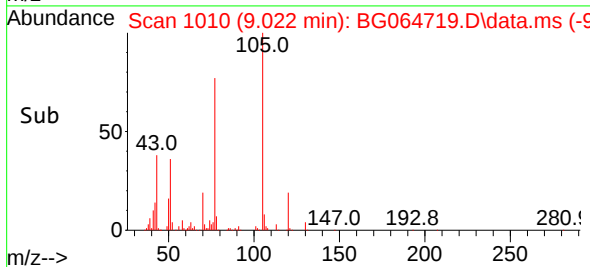
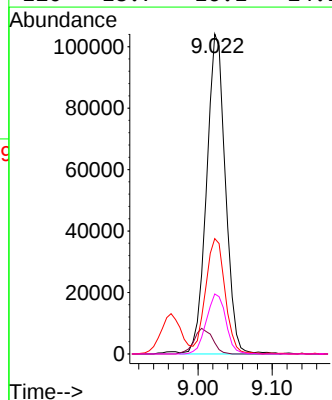
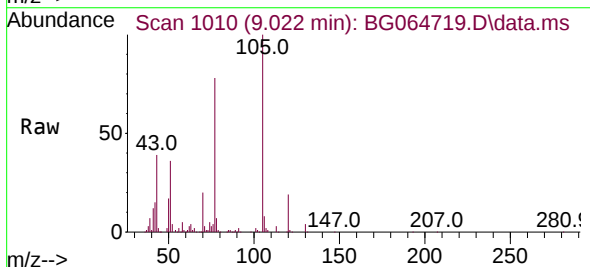
Manual Integrations
APPROVED

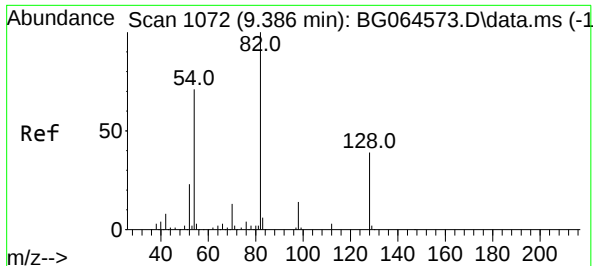
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 43.572 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:105 Resp: 183612
Ion Ratio Lower Upper
105 100
71 3.5 1.5 2.3#
51 36.0 33.7 50.5
120 18.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 107.154 ng

RT: 9.369 min Scan# 1069

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion: 82 Resp: 275019

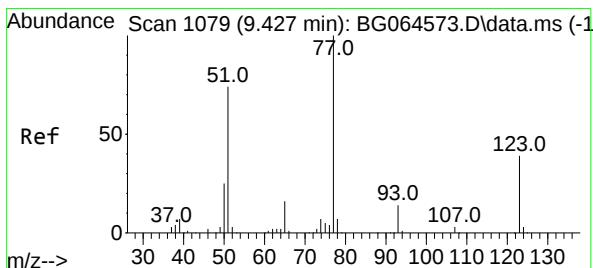
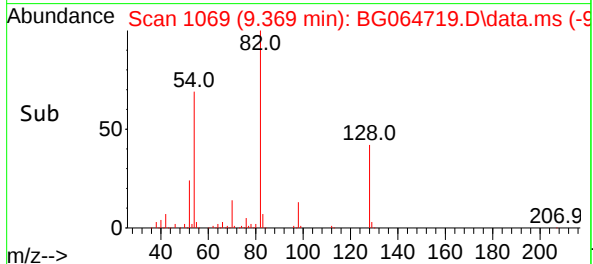
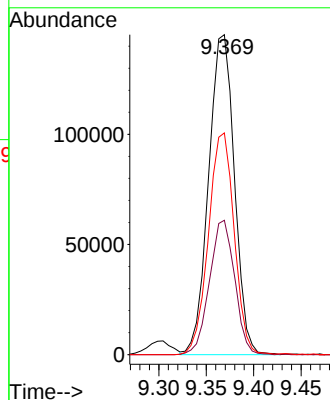
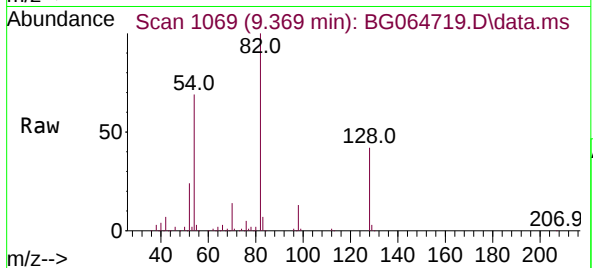
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	69.3	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 50.576 ng

RT: 9.410 min Scan# 1076

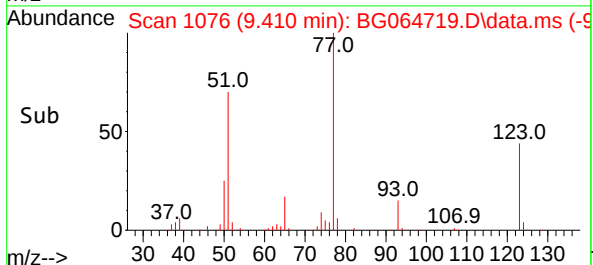
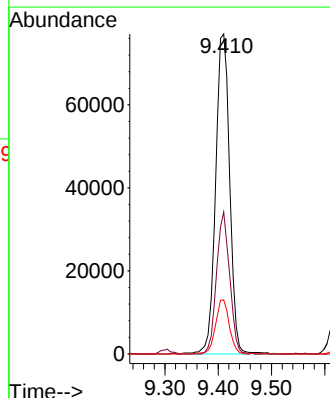
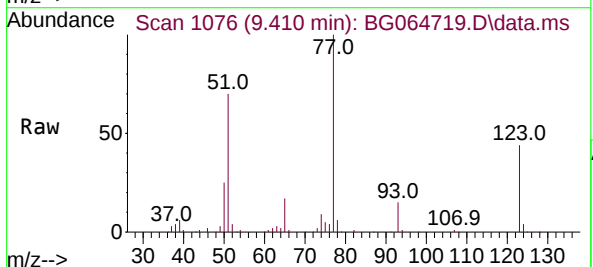
Delta R.T. -0.017 min

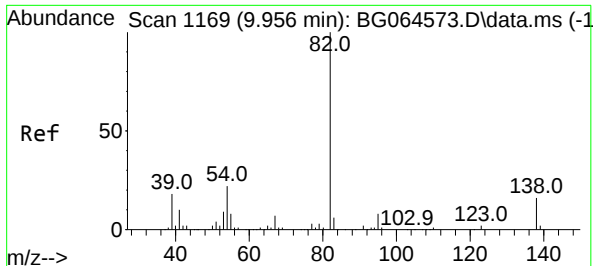
Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Tgt Ion: 77 Resp: 141186

Ion	Ratio	Lower	Upper
77	100		
123	44.3	31.0	46.6
65	16.9	12.7	19.1





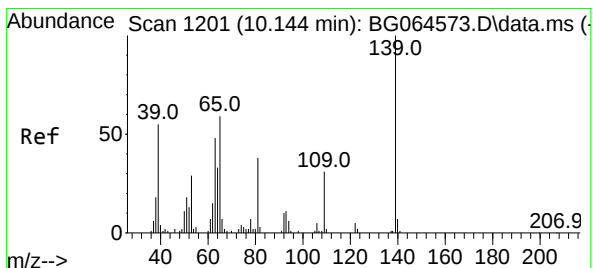
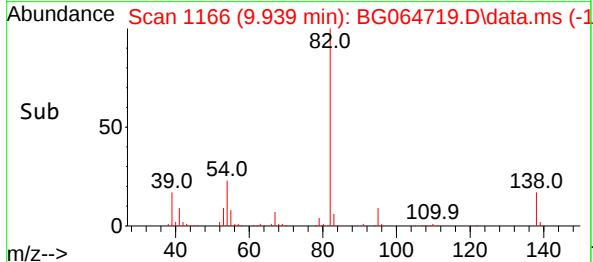
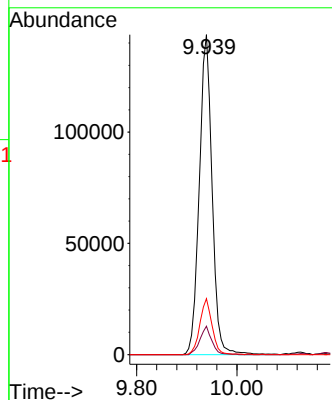
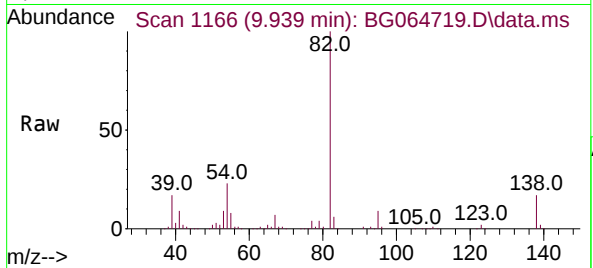
#25
Isophorone
Concen: 41.312 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion: 82 Resp: 254423
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 17.5 13.0 19.4

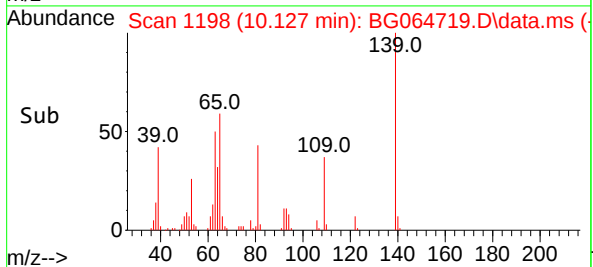
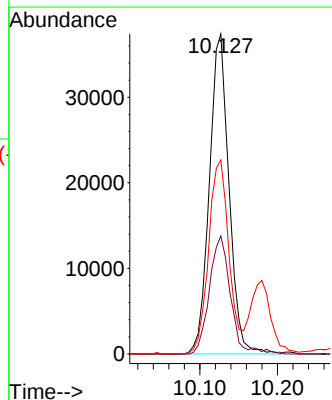
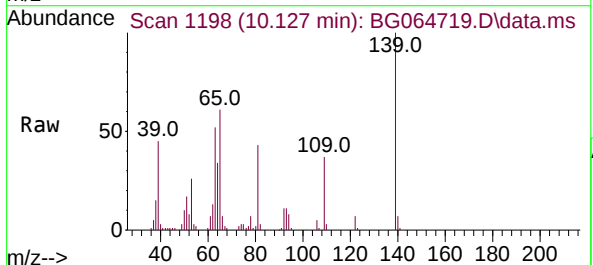
Manual Integrations
APPROVED

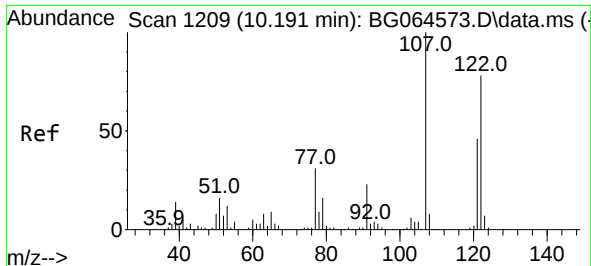
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 60.151 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

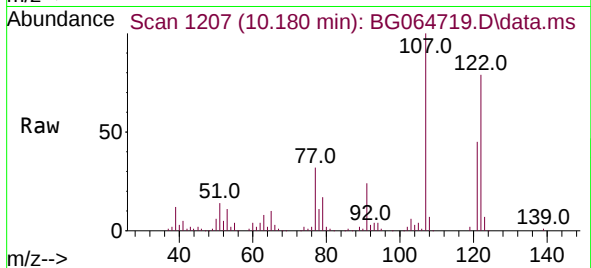
Tgt Ion:139 Resp: 65701
Ion Ratio Lower Upper
139 100
109 36.9 24.6 37.0
65 60.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 51.778 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

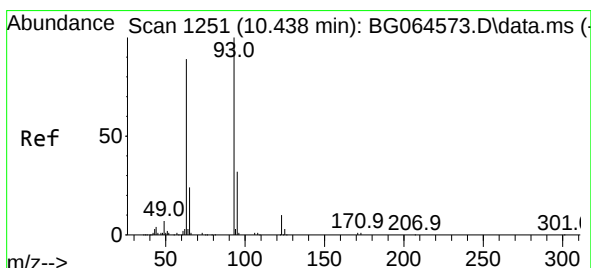
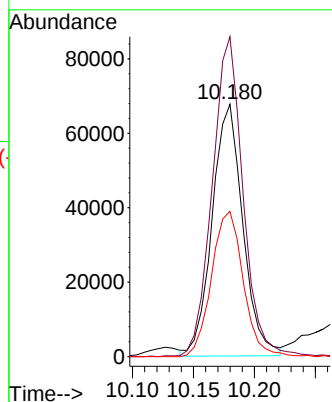
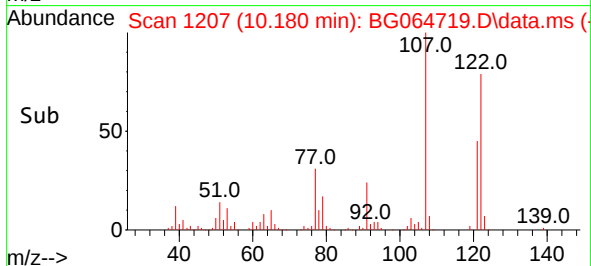
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:122 Resp: 118614
Ion Ratio Lower Upper
122 100
107 126.8 103.0 154.4
121 57.5 47.8 71.8

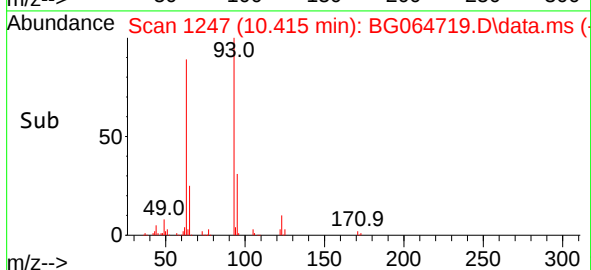
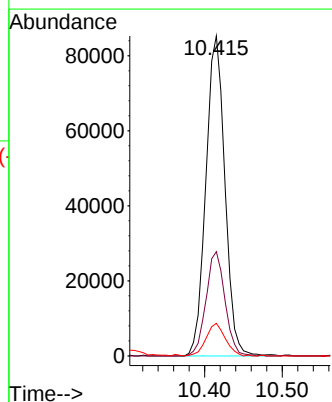
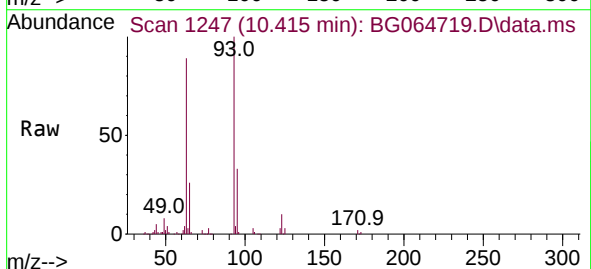
Manual Integrations
APPROVED

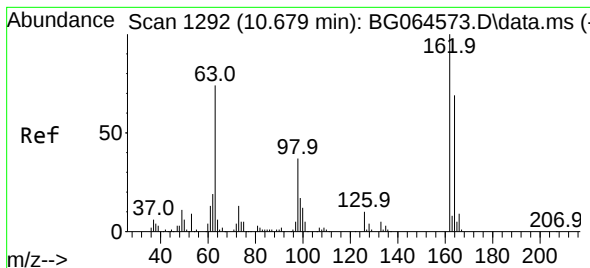
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.403 ng
RT: 10.415 min Scan# 1247
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

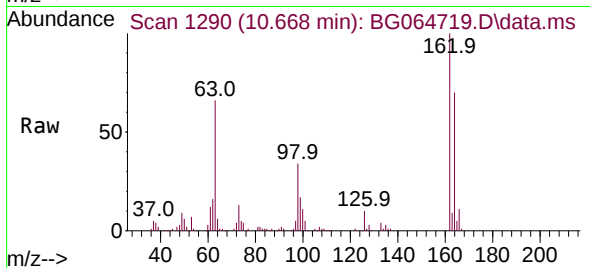
Tgt Ion: 93 Resp: 145179
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.2 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 54.072 ng
RT: 10.668 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

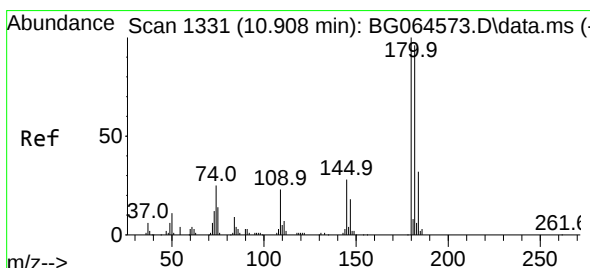
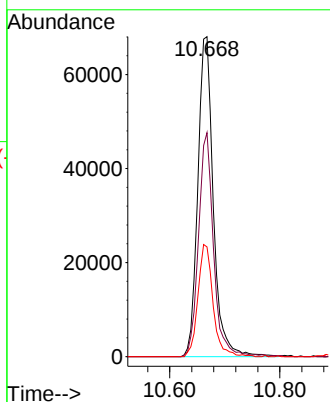
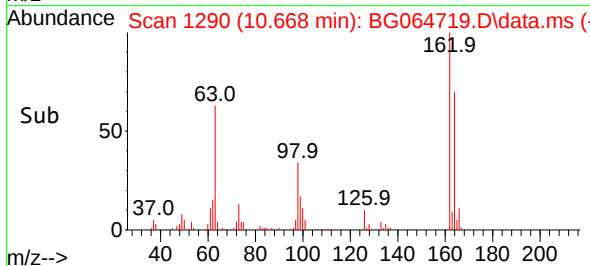
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



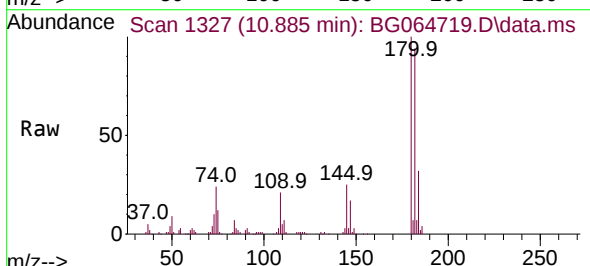
Tgt Ion:162 Resp: 133309
Ion Ratio Lower Upper
162 100
164 70.0 48.7 88.7
98 34.3 16.9 56.9

Manual Integrations
APPROVED

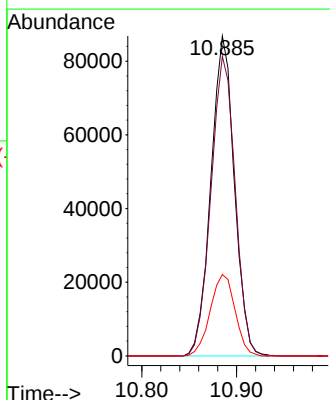
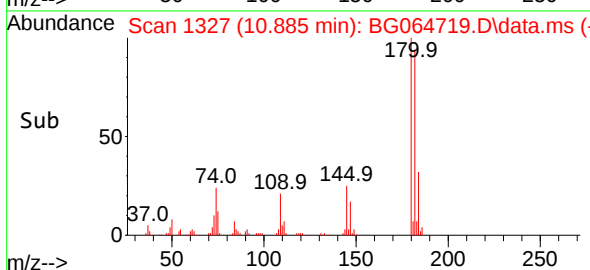
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

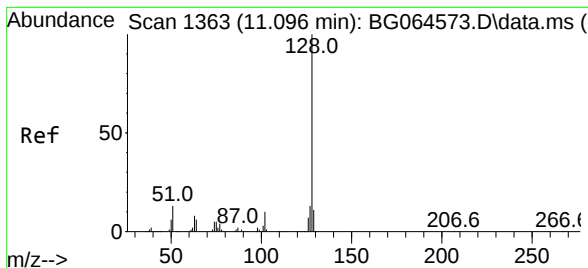


#30
1,2,4-Trichlorobenzene
Concen: 53.335 ng
RT: 10.885 min Scan# 1327
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



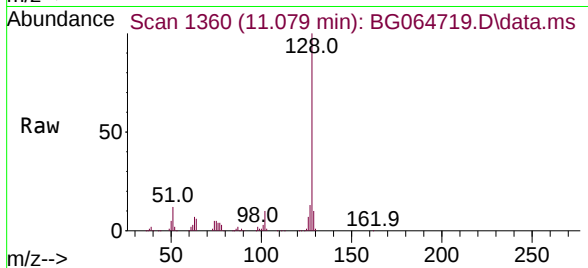
Tgt Ion:180 Resp: 149399
Ion Ratio Lower Upper
180 100
182 93.6 76.9 115.3
145 25.4 22.1 33.1





#31
Naphthalene
Concen: 44.621 ng
RT: 11.079 min Scan# 1363
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

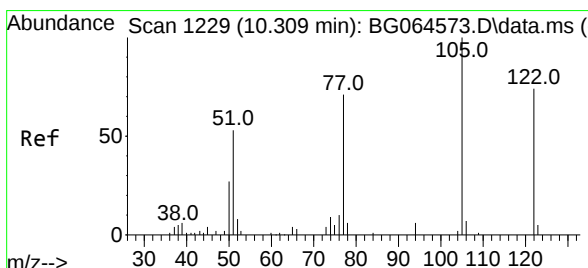
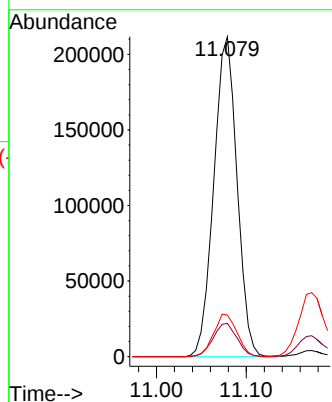
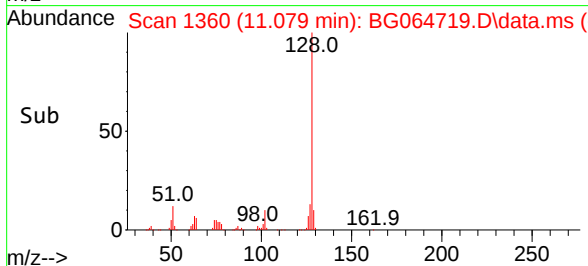
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:128 Resp: 381362
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.0 10.6 15.8

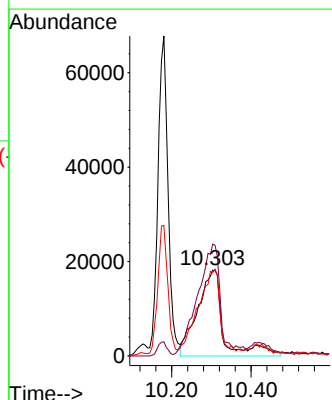
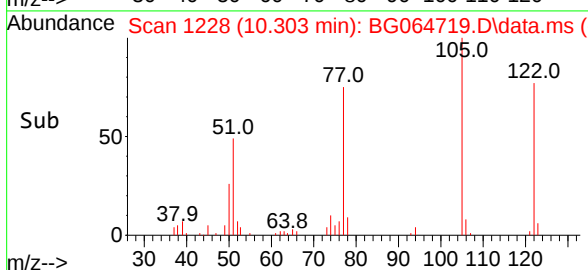
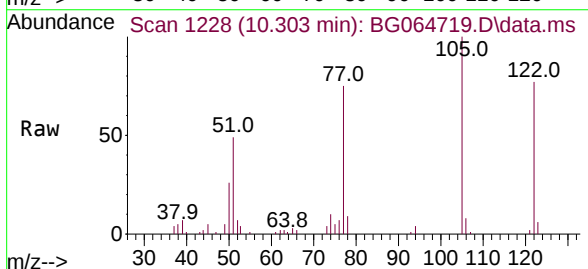
Manual Integrations
APPROVED

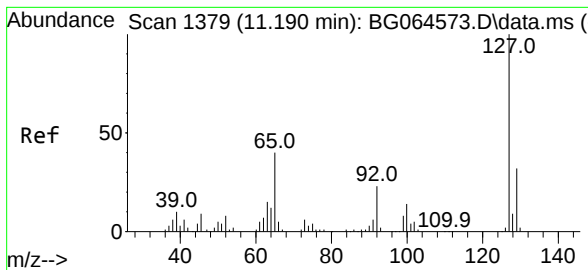
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 46.831 ng m
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:122 Resp: 81522
Ion Ratio Lower Upper
122 100
105 130.4 104.2 144.2
77 97.2 70.2 110.2





#33
4-Chloroaniline
Concen: 26.439 ng
RT: 11.173 min Scan# 1376
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

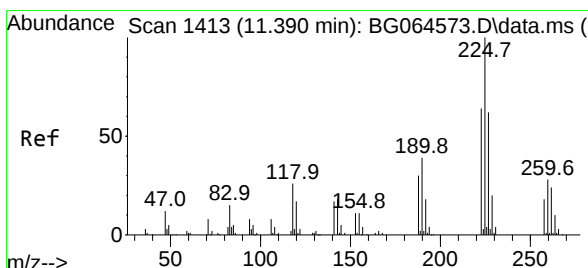
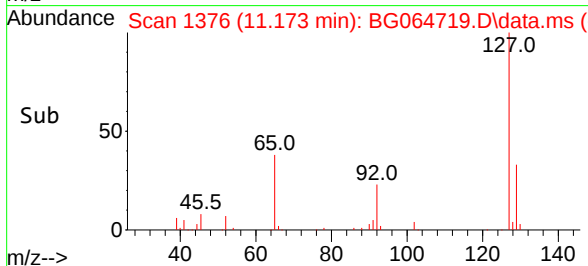
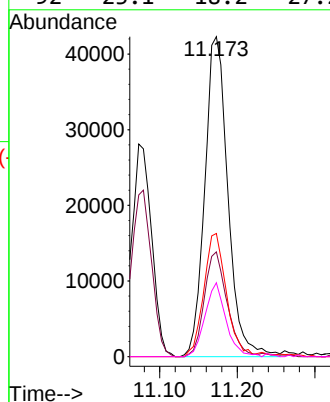
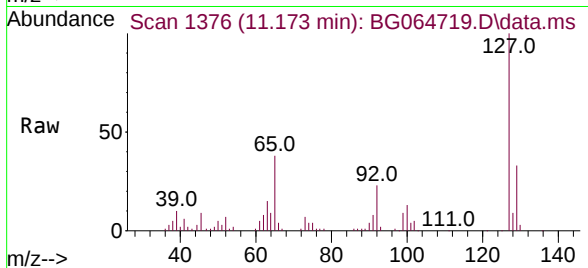
PB170446BSD

Tgt Ion:127 Resp: 87833
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 38.5 32.2 48.4
92 23.1 18.2 27.2

Manual Integrations

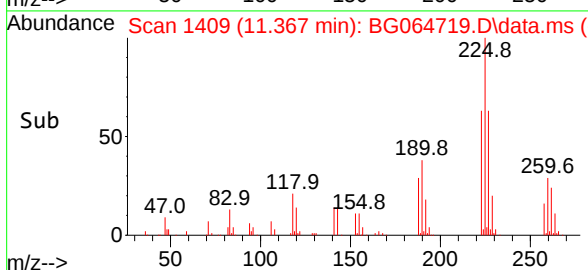
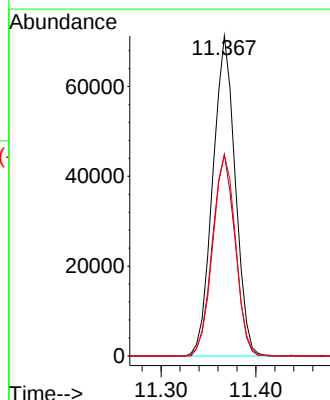
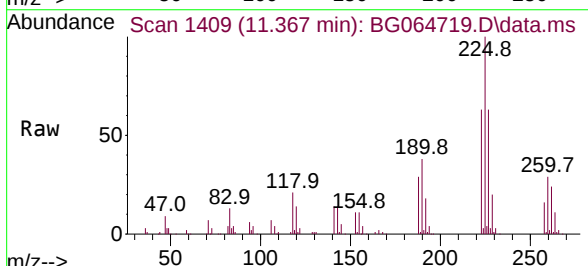
APPROVED

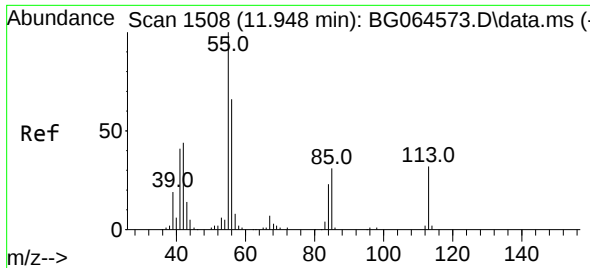
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 53.622 ng
RT: 11.367 min Scan# 1409
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

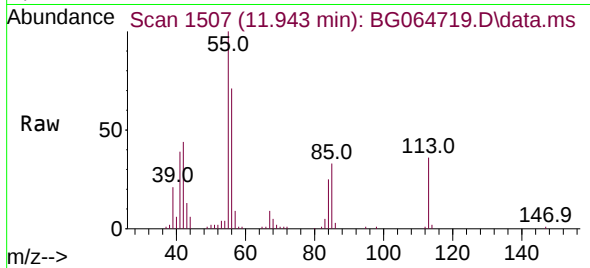
Tgt Ion:225 Resp: 117468
Ion Ratio Lower Upper
225 100
223 63.0 48.8 73.2
227 62.7 49.5 74.3





#35
Caprolactam
Concen: 39.989 ng m
RT: 11.943 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

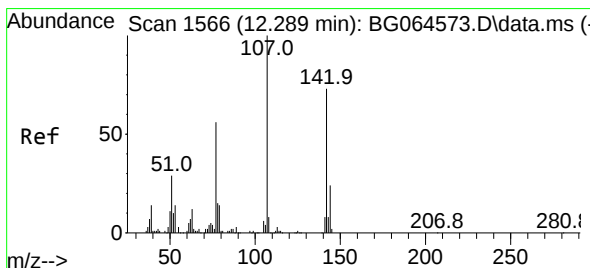
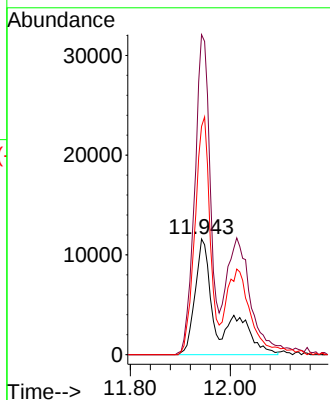
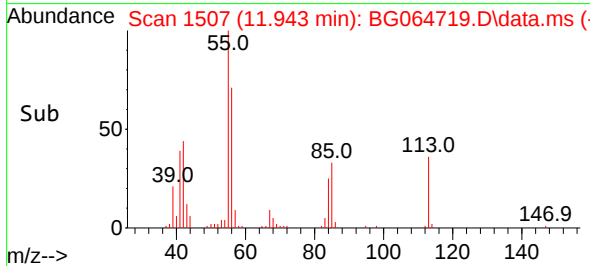
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



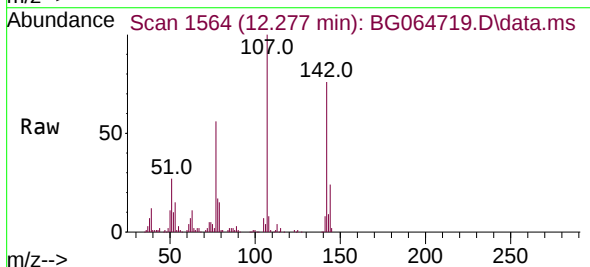
Tgt Ion:113 Resp: 37813
Ion Ratio Lower Upper
113 100
55 277.0 290.1 330.1
56 197.6 183.8 223.8

Manual Integrations
APPROVED

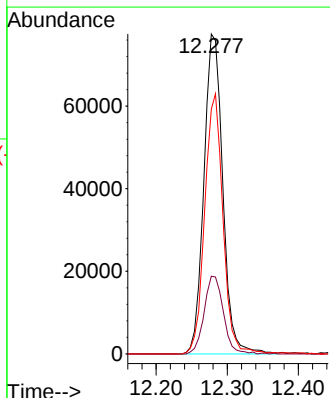
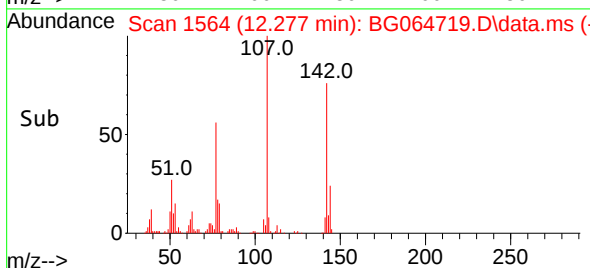
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

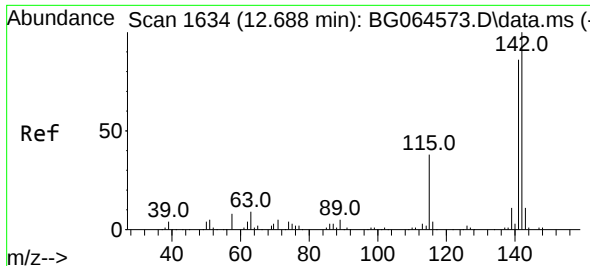


#36
4-Chloro-3-methylphenol
Concen: 48.162 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:107 Resp: 142725
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 76.5 58.6 87.8





#37
2-Methylnaphthalene
Concen: 45.561 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

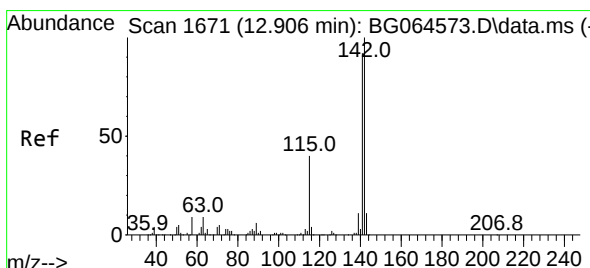
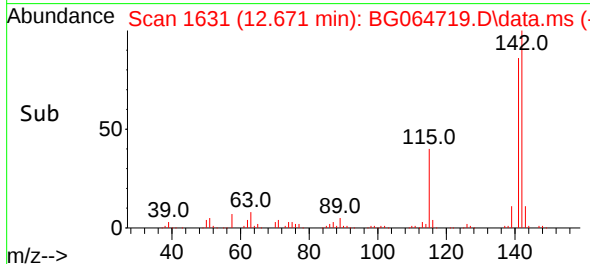
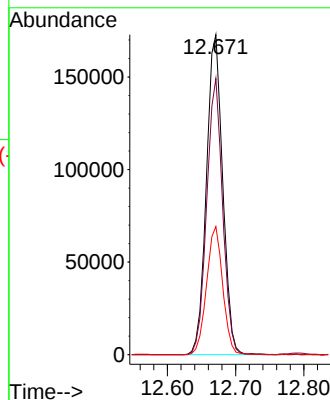
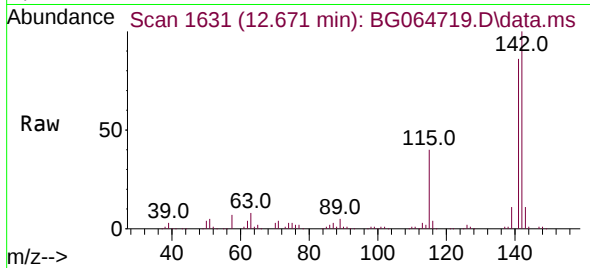
PB170446BSD

Tgt Ion:142 Resp: 285895
Ion Ratio Lower Upper
142 100
141 86.3 68.9 103.3
115 40.0 30.6 46.0

Manual Integrations

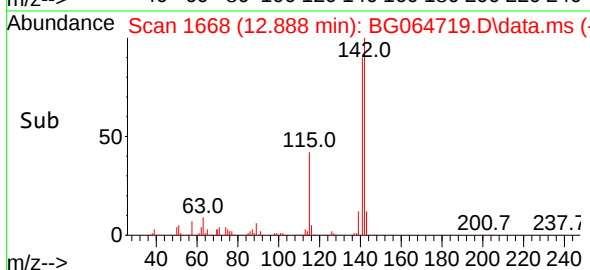
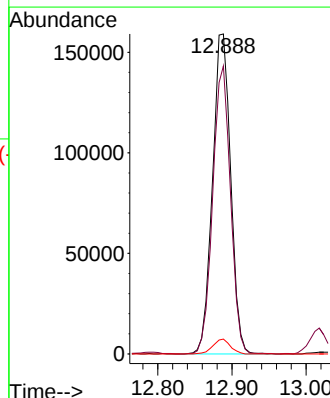
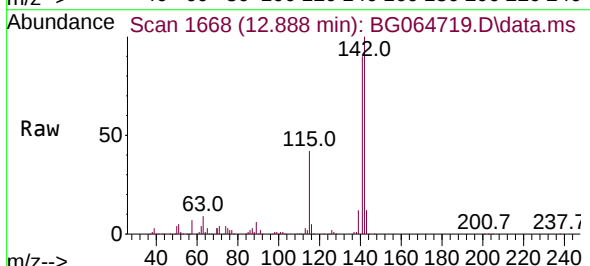
APPROVED

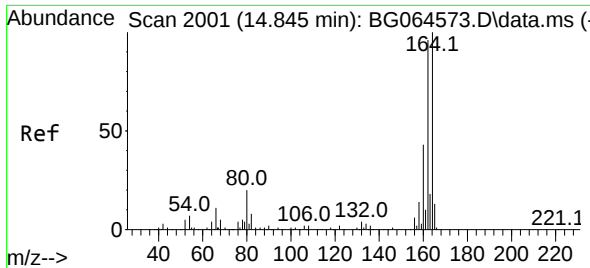
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 43.540 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

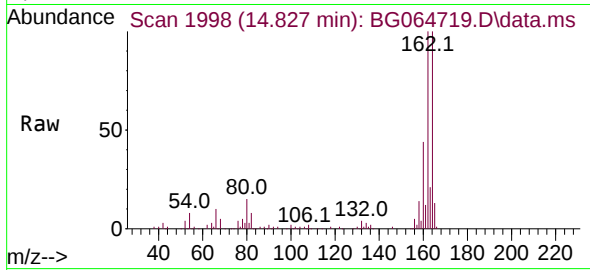
Tgt Ion:142 Resp: 270471
Ion Ratio Lower Upper
142 100
141 90.0 73.3 109.9
116 4.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

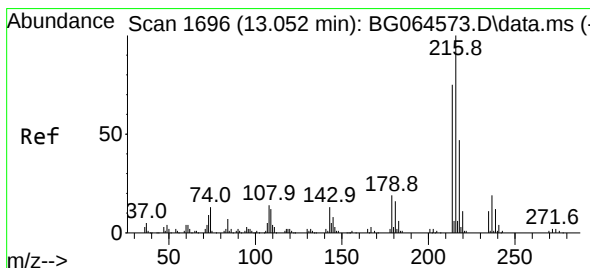
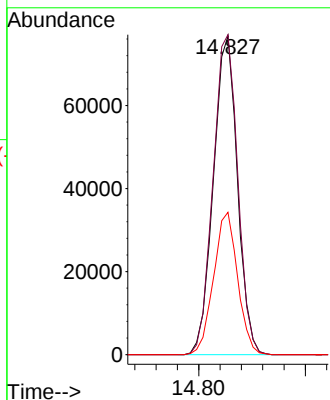
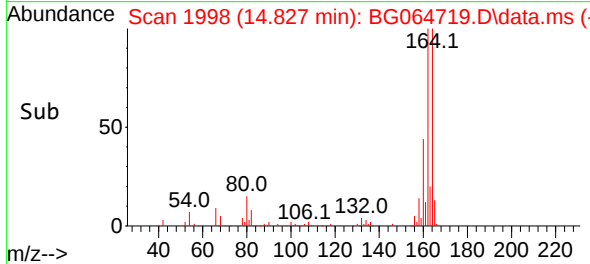
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



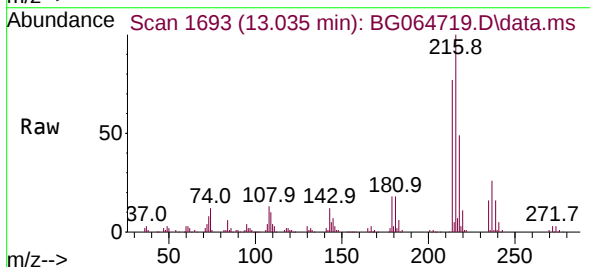
Tgt Ion:164 Resp: 120328
Ion Ratio Lower Upper
164 100
162 100.4 77.0 115.6
160 44.7 34.4 51.6

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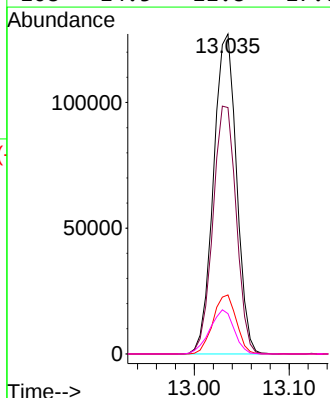
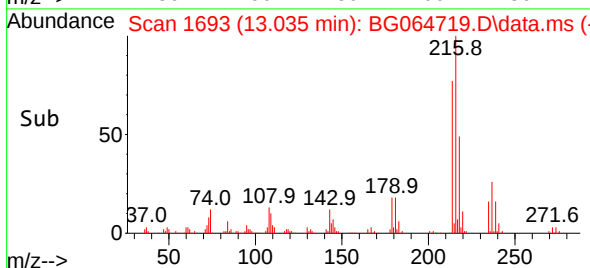
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

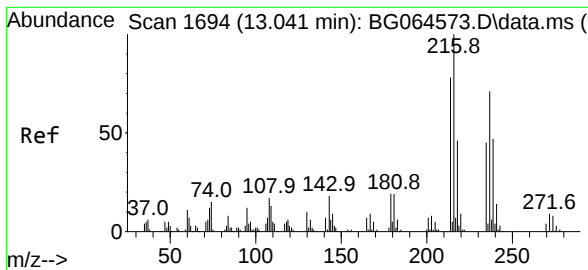


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.225 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



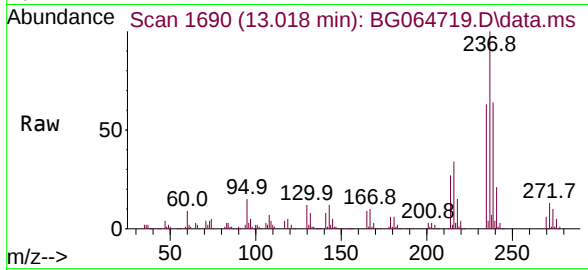
Tgt Ion:216 Resp: 214940
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 18.6 15.4 23.0
108 14.5 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 136.701 ng
RT: 13.018 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

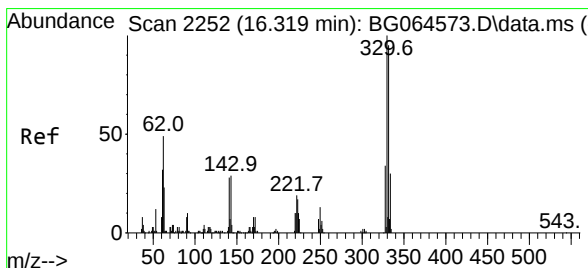
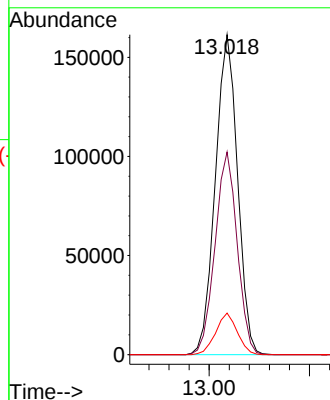
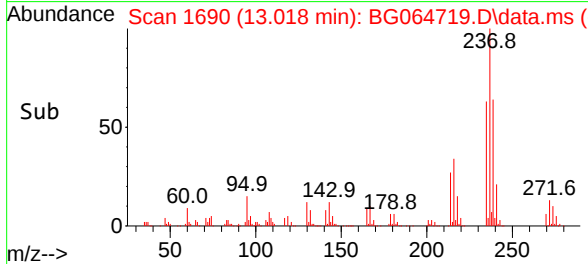
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:237 Resp: 24847
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 13.0 0.0 32.4

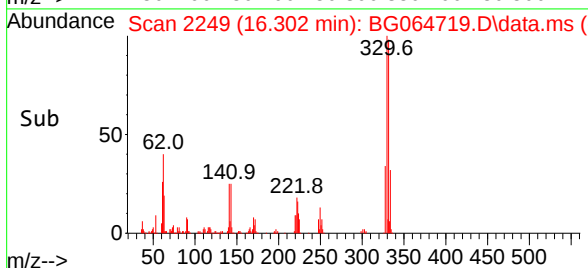
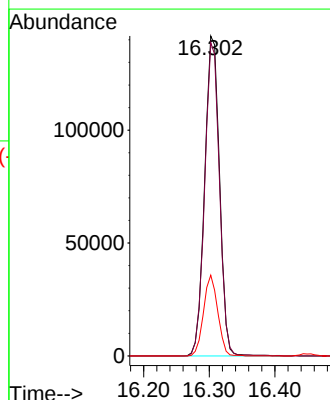
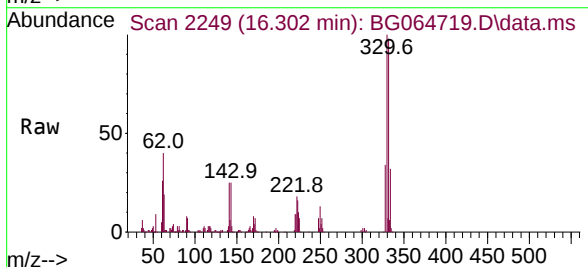
Manual Integrations
APPROVED

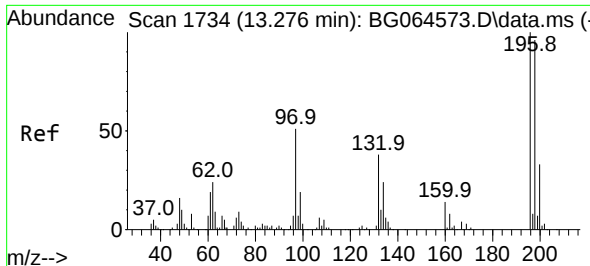
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#42
2,4,6-Tribromophenol
Concen: 127.691 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

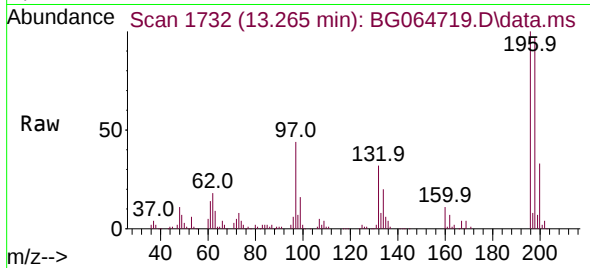
Tgt Ion:330 Resp: 221760
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 24.0 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 58.432 ng
RT: 13.265 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

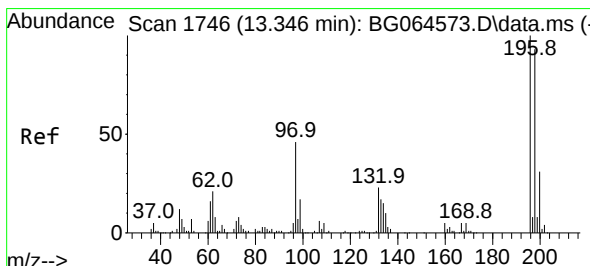
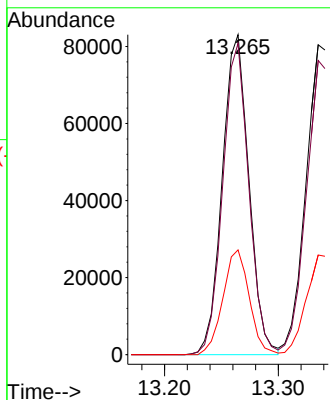
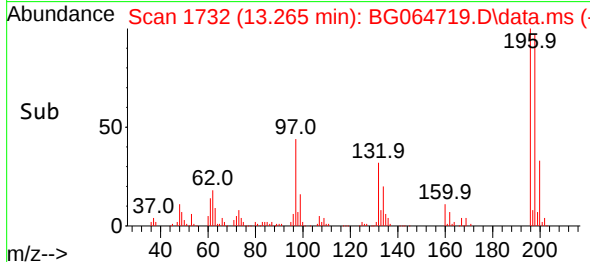
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



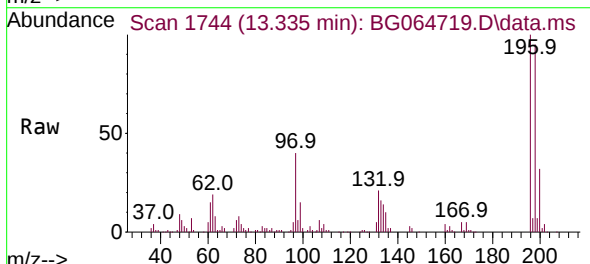
Tgt Ion:196 Resp: 134974
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 32.7 26.0 39.0

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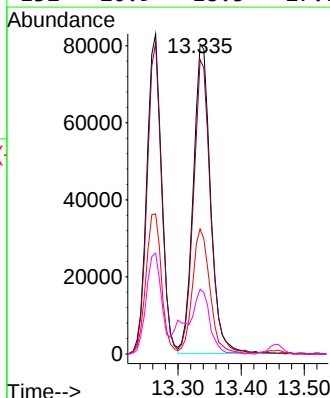
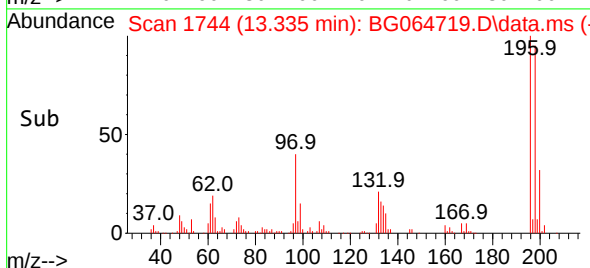
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

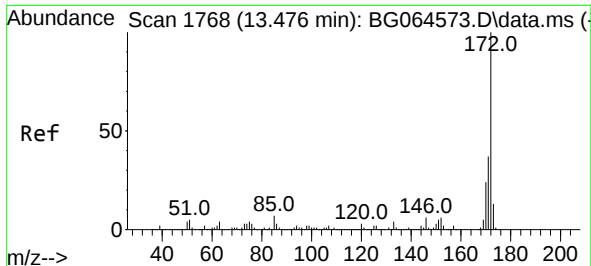


#44
2,4,5-Trichlorophenol
Concen: 57.305 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



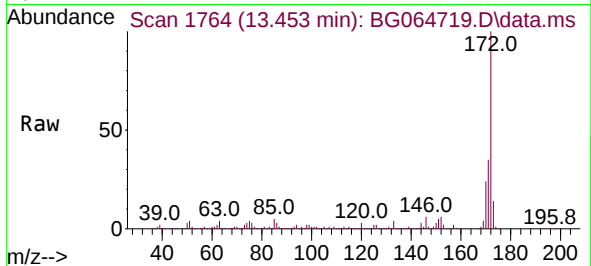
Tgt Ion:196 Resp: 152756
Ion Ratio Lower Upper
196 100
198 95.0 74.2 111.4
97 40.3 37.0 55.6
132 20.9 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 99.130 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

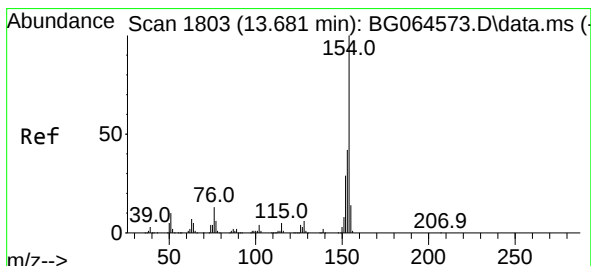
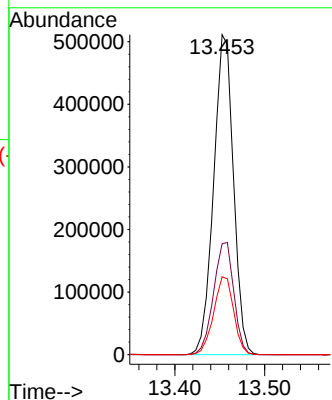
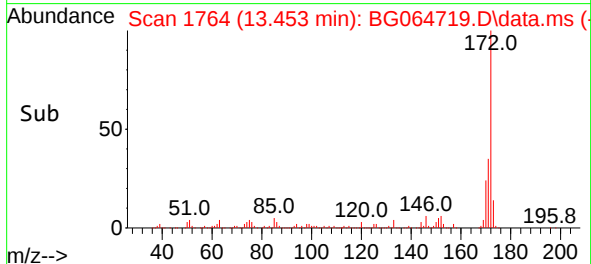
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:172 Resp: 786948
Ion Ratio Lower Upper
172 100
171 34.7 29.4 44.0
170 24.3 19.1 28.7

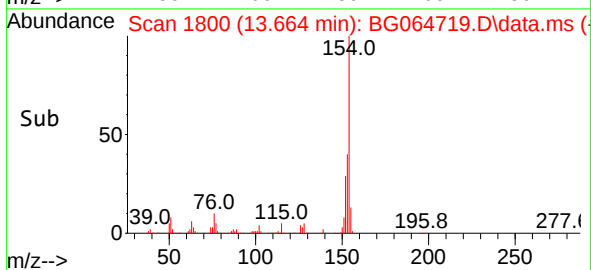
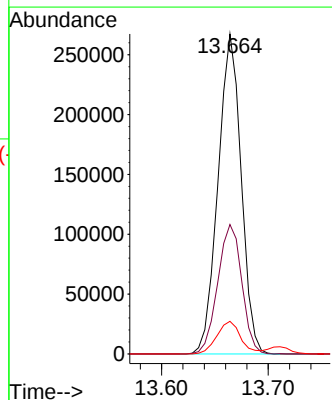
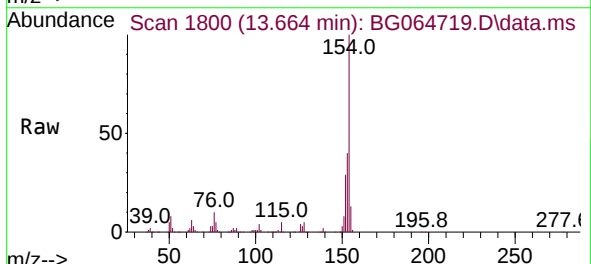
Manual Integrations
APPROVED

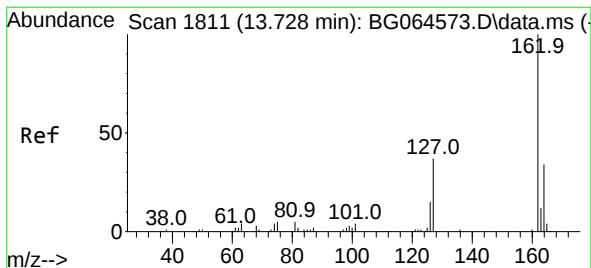
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#46
1,1'-Biphenyl
Concen: 47.096 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

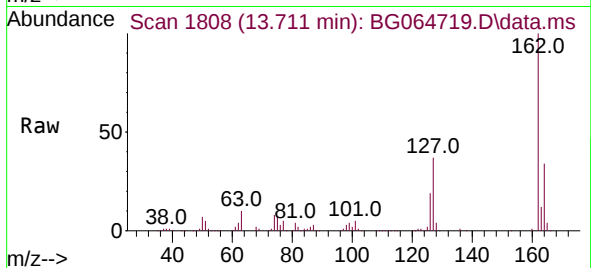
Tgt Ion:154 Resp: 402880
Ion Ratio Lower Upper
154 100
153 40.4 22.4 62.4
76 10.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 49.047 ng
RT: 13.711 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

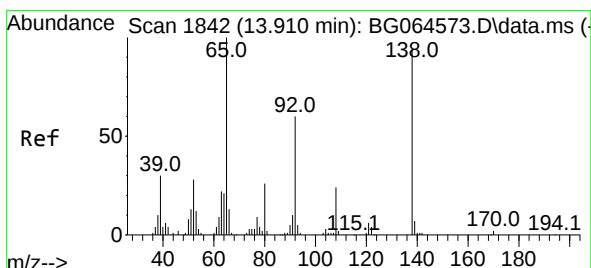
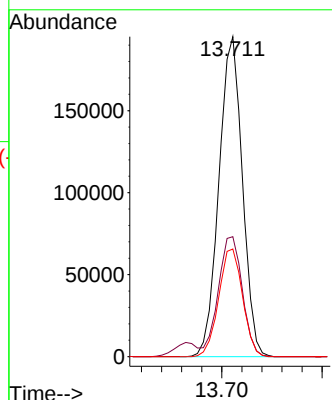
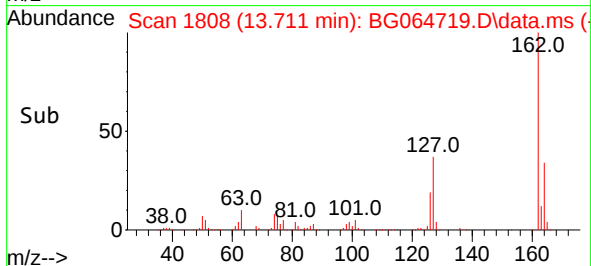
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:162 Resp: 31670
Ion Ratio Lower Upper
162 100
127 37.5 32.2 48.2
164 33.6 27.5 41.3

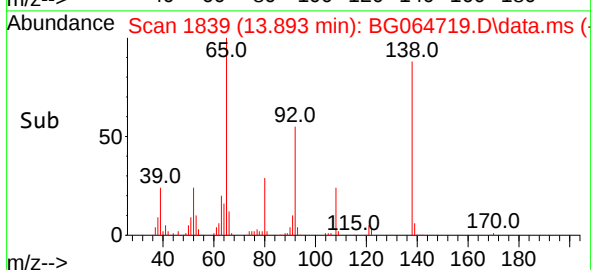
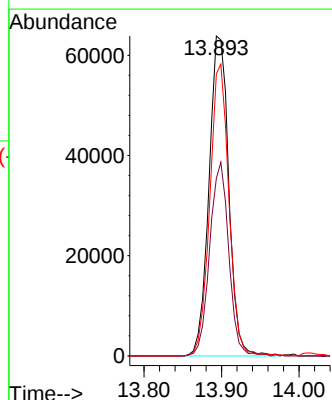
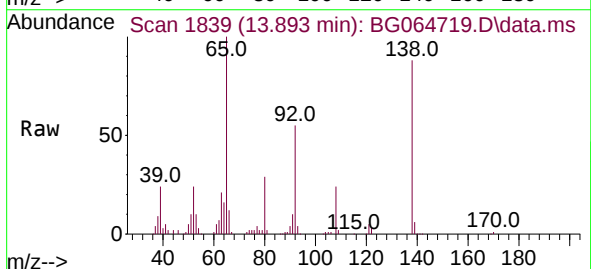
Manual Integrations
APPROVED

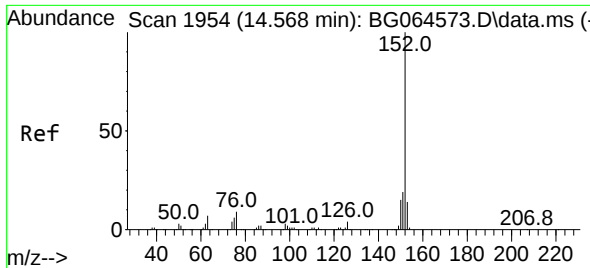
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#48
2-Nitroaniline
Concen: 51.860 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

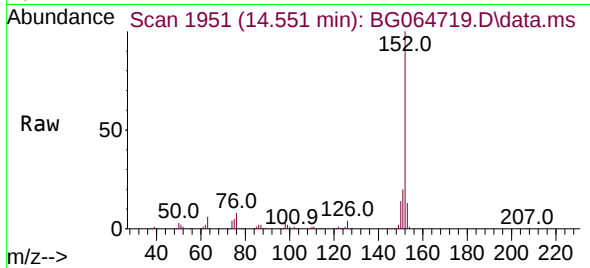
Tgt Ion: 65 Resp: 113021
Ion Ratio Lower Upper
65 100
92 55.5 48.3 72.5
138 88.1 74.9 112.3





#49
Acenaphthylene
Concen: 48.436 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

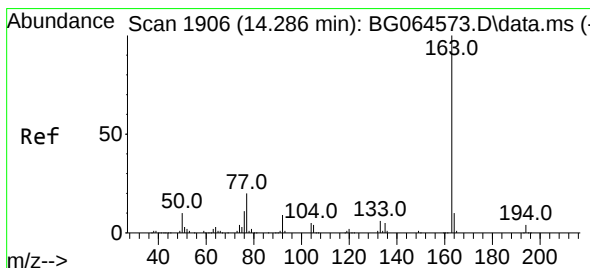
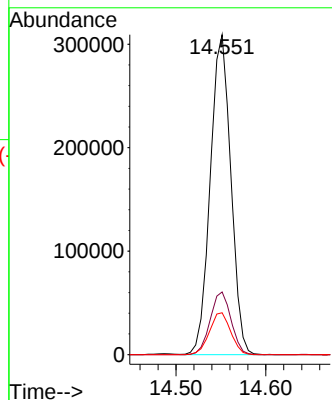
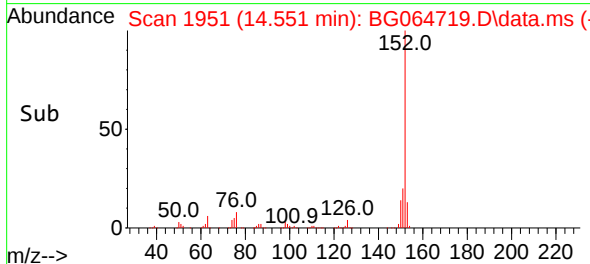
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



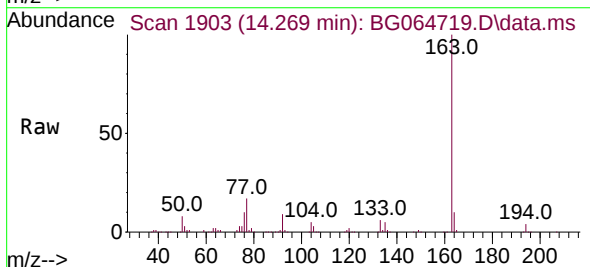
Tgt Ion:152 Resp: 493325
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.1 11.0 16.4

Manual Integrations
APPROVED

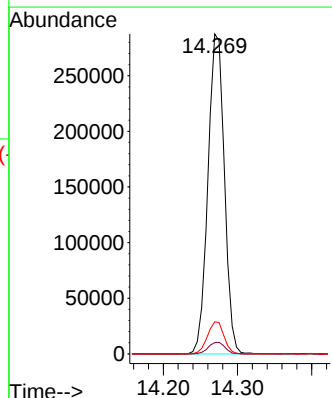
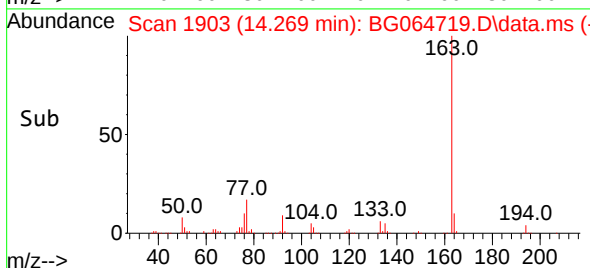
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

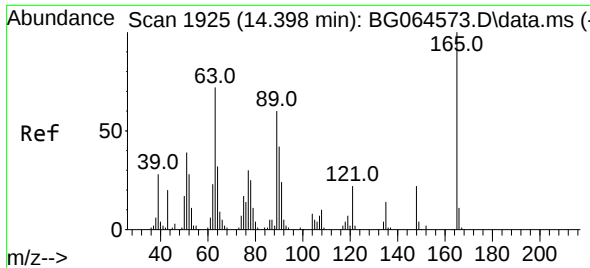


#50
Dimethylphthalate
Concen: 48.113 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:163 Resp: 443005
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.0 7.7 11.5





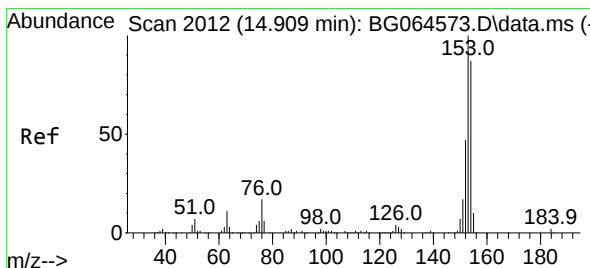
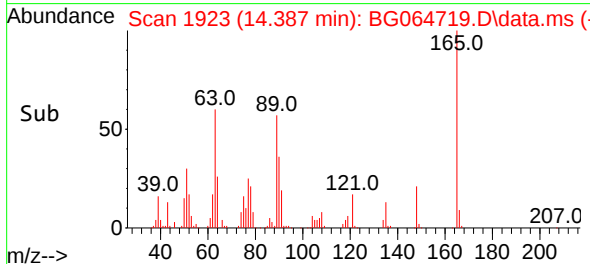
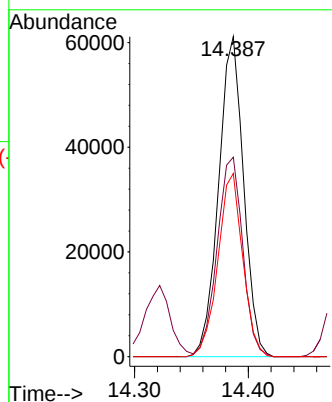
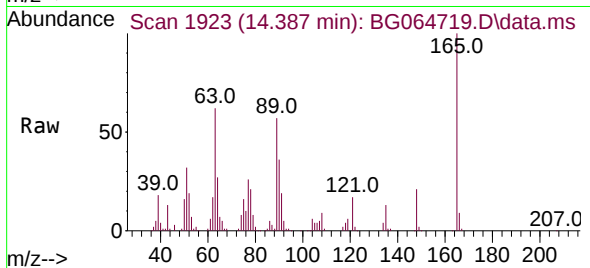
#51
2,6-Dinitrotoluene
Concen: 60.494 ng
RT: 14.387 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:165 Resp: 93259
Ion Ratio Lower Upper
165 100
63 62.3 57.4 86.0
89 57.2 47.8 71.8

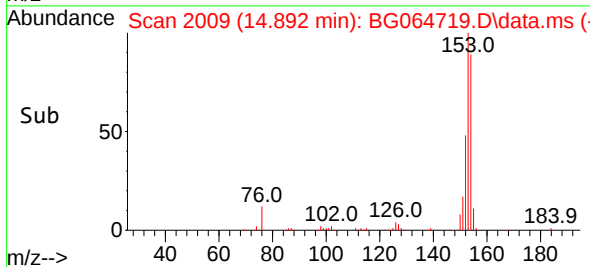
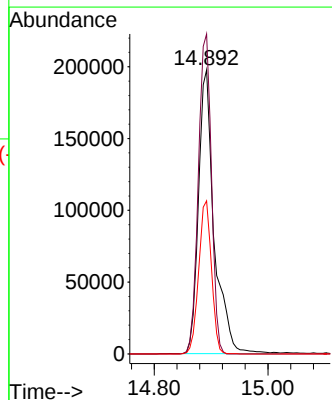
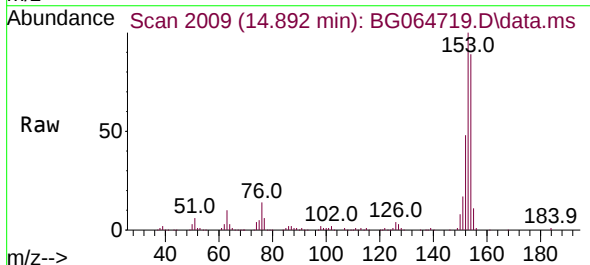
Manual Integrations
APPROVED

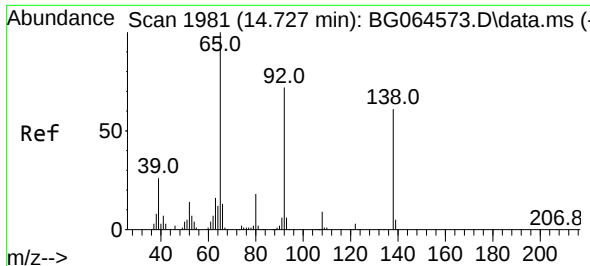
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 54.413 ng
RT: 14.892 min Scan# 2009
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

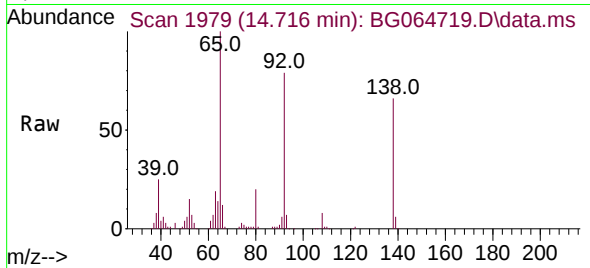
Tgt Ion:154 Resp: 378635
Ion Ratio Lower Upper
154 100
153 112.7 92.2 138.4
152 53.9 43.2 64.8





#53
3-Nitroaniline
Concen: 43.732 ng
RT: 14.716 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

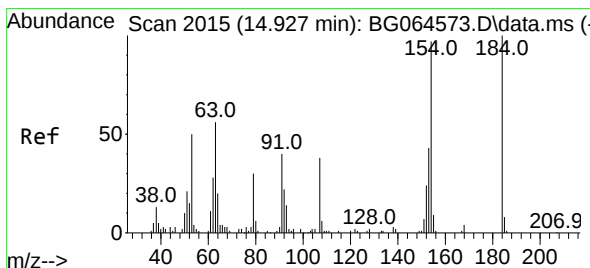
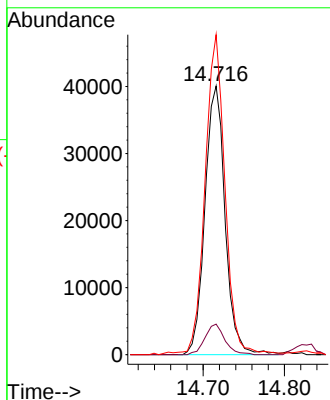
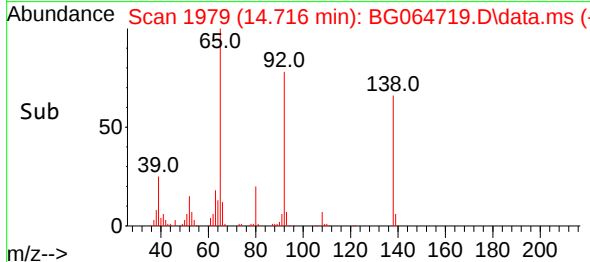
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:138 Resp: 69200
Ion Ratio Lower Upper
138 100
108 11.4 11.4 17.0
92 119.1 95.3 142.9

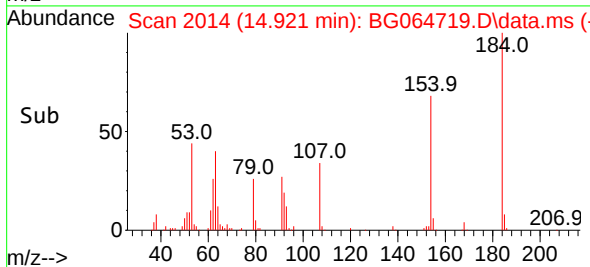
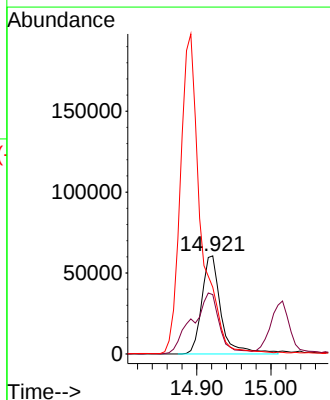
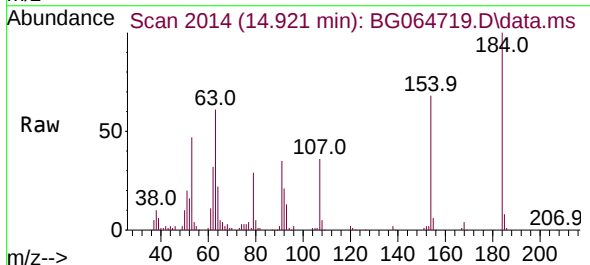
Manual Integrations
APPROVED

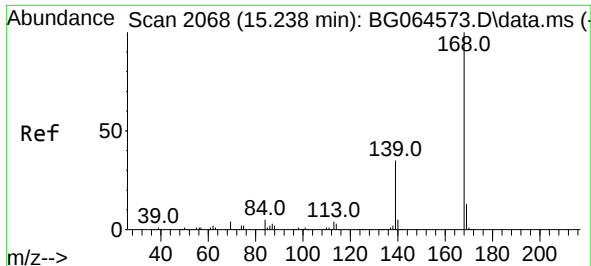
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 114.284 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

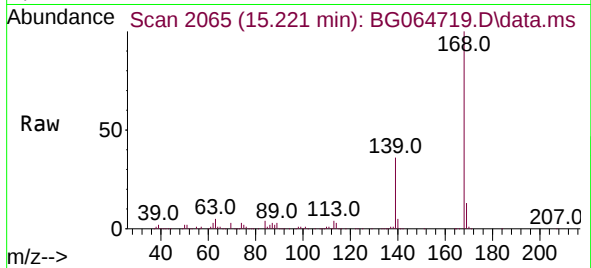
Tgt Ion:184 Resp: 108934
Ion Ratio Lower Upper
184 100
63 60.6 56.6 85.0
154 68.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 48.385 ng
RT: 15.221 min Scan# 2065
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

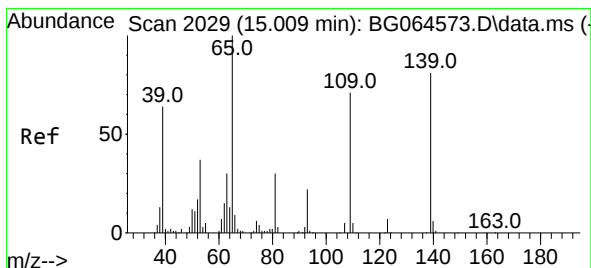
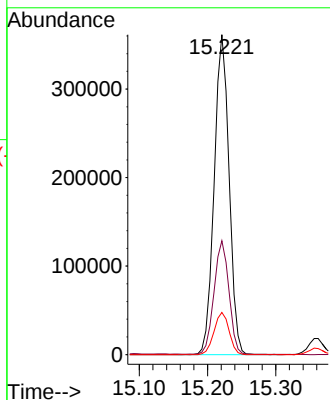
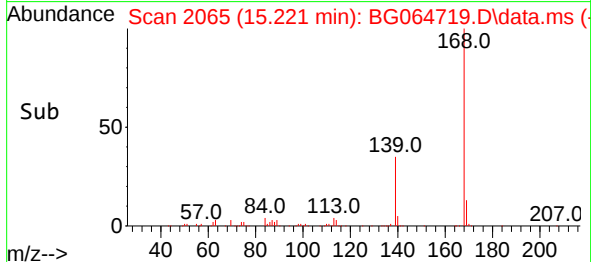
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:168 Resp: 544332
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8
169 13.2 10.3 15.5

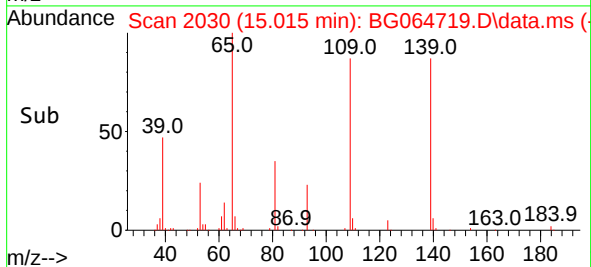
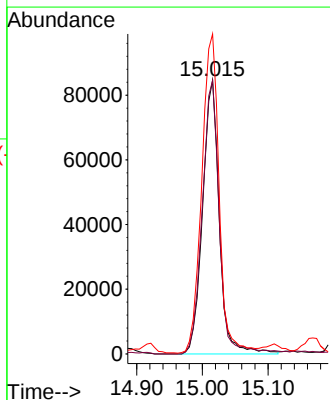
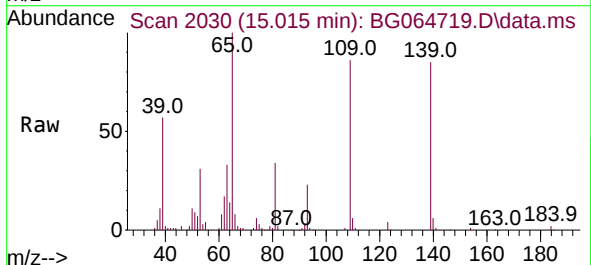
Manual Integrations
APPROVED

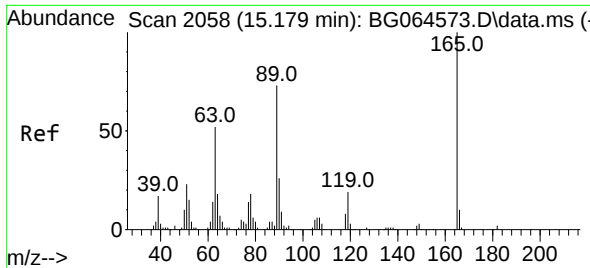
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 101.830 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:139 Resp: 149391
Ion Ratio Lower Upper
139 100
109 100.0 67.8 107.8
65 117.0 103.7 143.7





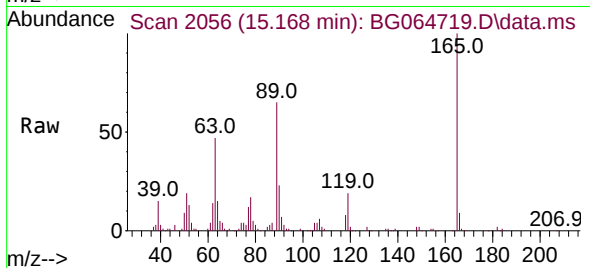
#57
2,4-Dinitrotoluene
Concen: 56.467 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD



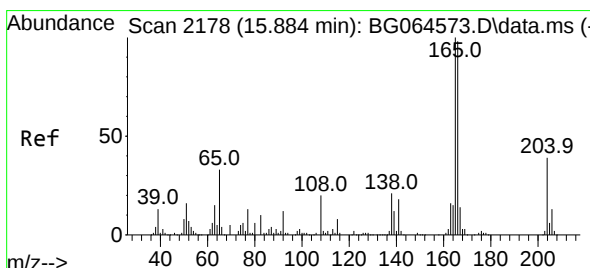
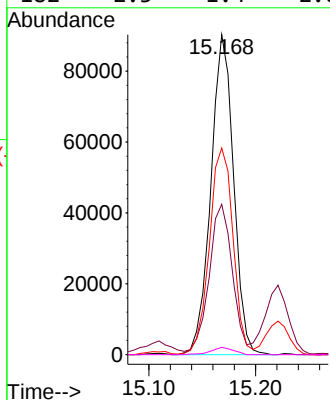
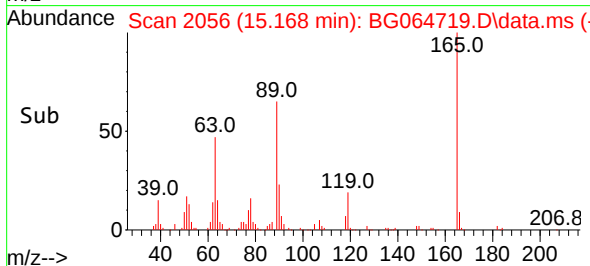
Tgt Ion:165 Resp: 133989
Ion Ratio Lower Upper
165 100
63 47.0 41.8 62.8
89 64.6 58.1 87.1
182 2.3 1.4 2.0#

Manual Integrations

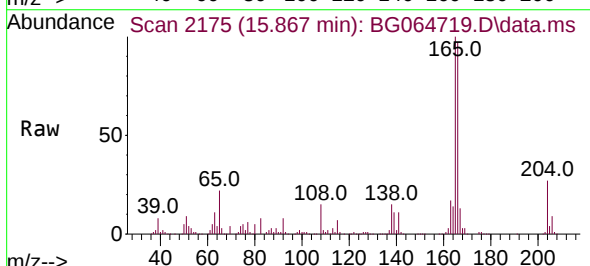
APPROVED

Reviewed By :Rahul Chavli 11/10/2025

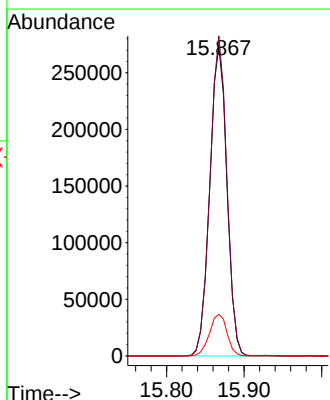
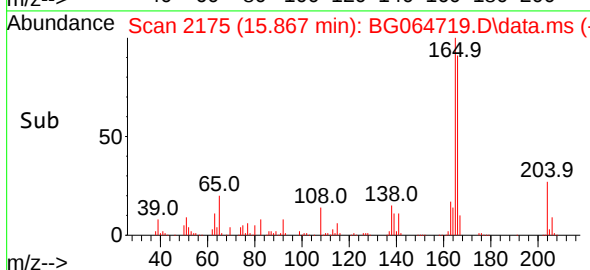
Supervised By :Jagrut Upadhyay 11/10/2025

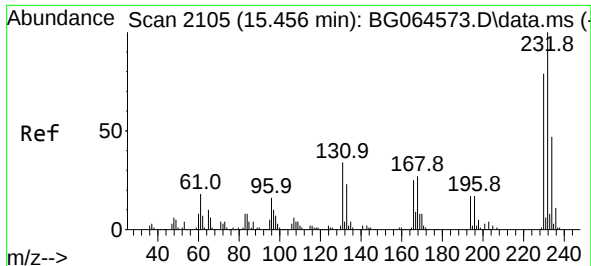


#58
Fluorene
Concen: 47.824 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



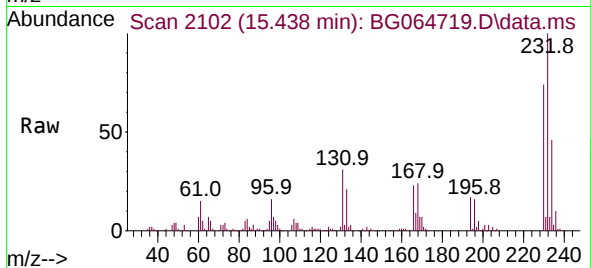
Tgt Ion:166 Resp: 420174
Ion Ratio Lower Upper
166 100
165 103.2 81.5 122.3
167 13.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.591 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

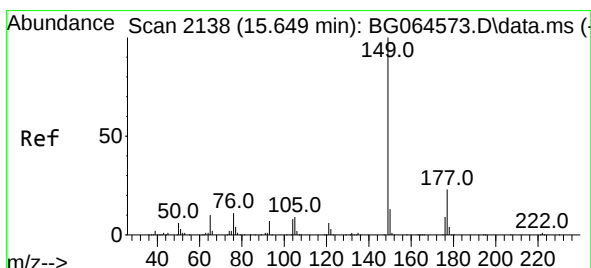
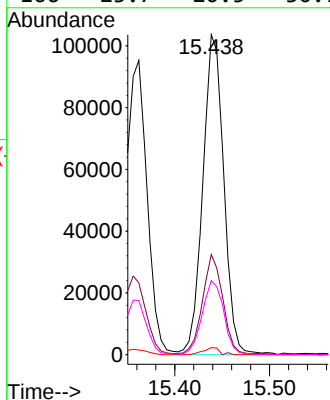
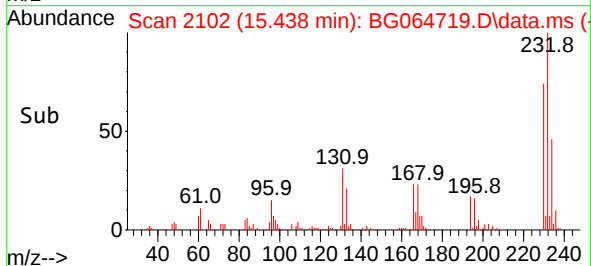
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



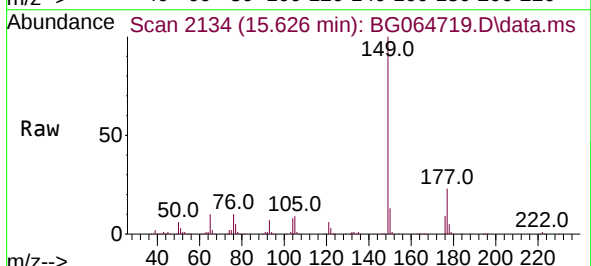
Tgt Ion:232 Resp: 159546
Ion Ratio Lower Upper
232 100
131 30.6 26.7 40.1
130 1.7 1.6 2.4
166 23.7 20.5 30.7

Manual Integrations
APPROVED

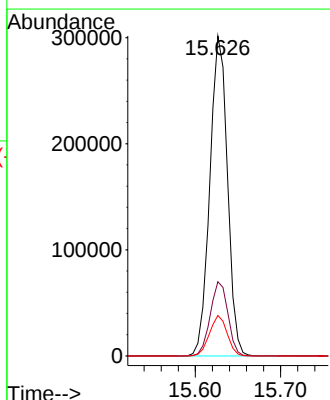
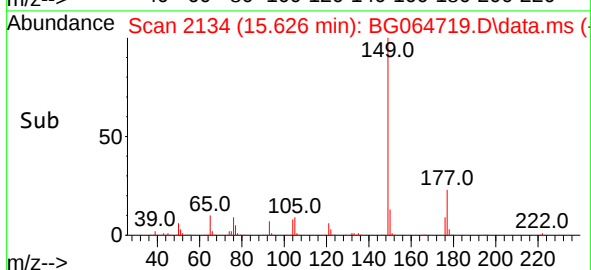
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

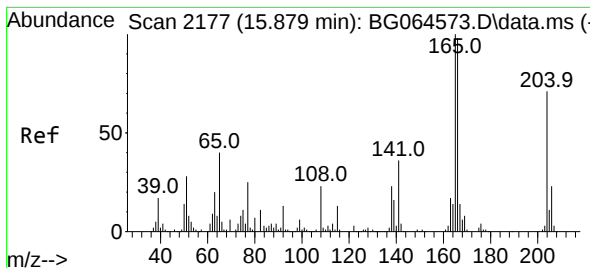


#60
Diethylphthalate
Concen: 45.995 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:149 Resp: 432419
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.6 10.2 15.4





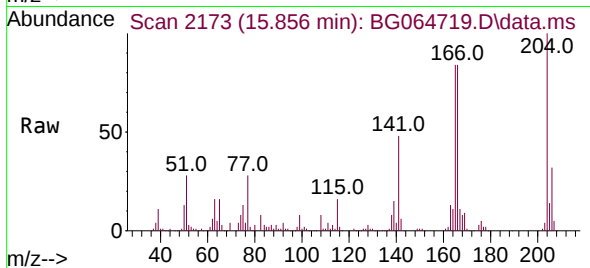
#61
4-Chlorophenyl-phenylether
Concen: 52.446 ng
RT: 15.856 min Scan# 2173
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

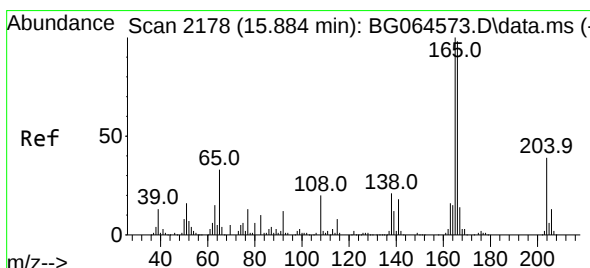
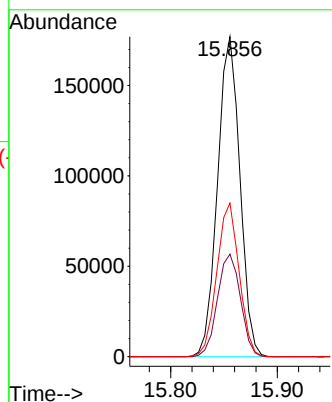
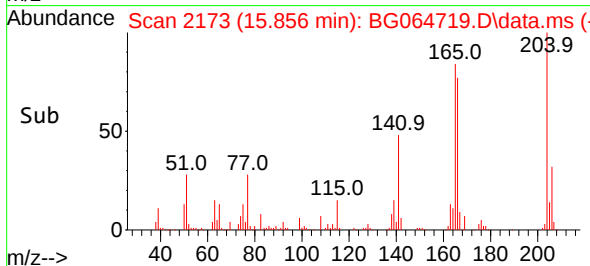


Tgt Ion:204 Resp: 258590
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 48.0 40.6 60.8

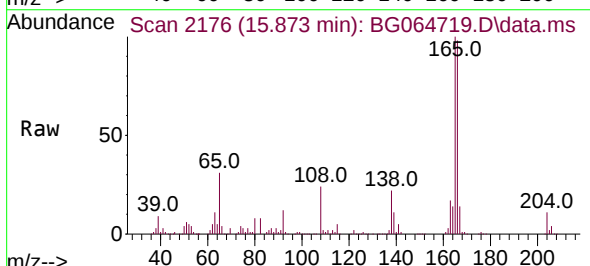
Manual Integrations

APPROVED

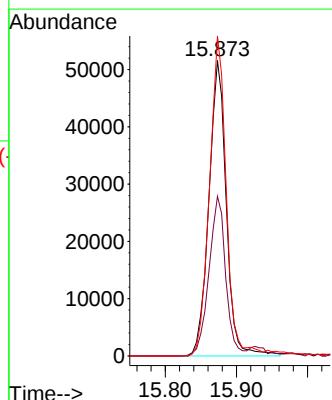
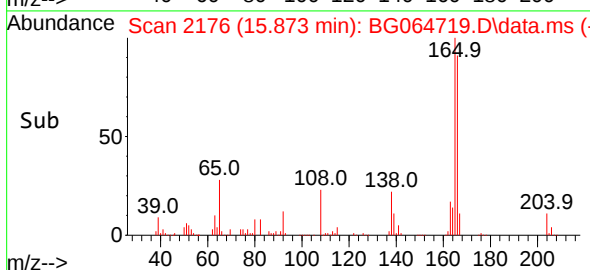
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

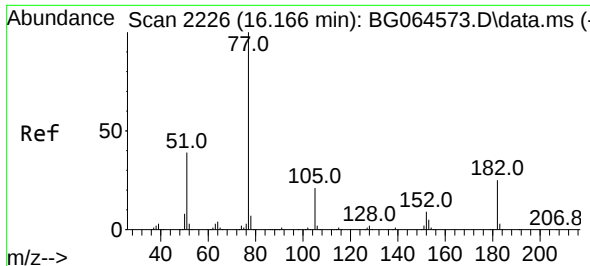


#62
4-Nitroaniline
Concen: 49.776 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



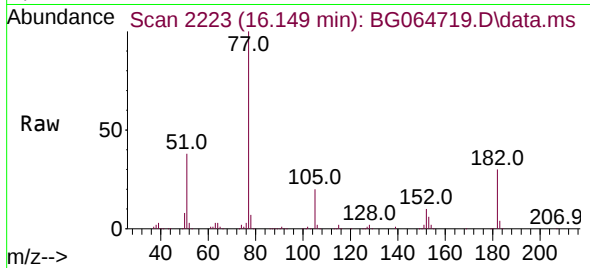
Tgt Ion:138 Resp: 87626
Ion Ratio Lower Upper
138 100
92 54.1 36.1 76.1
108 108.3 75.6 115.6





#63
Azobenzene
Concen: 41.738 ng
RT: 16.149 min Scan# 2226
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

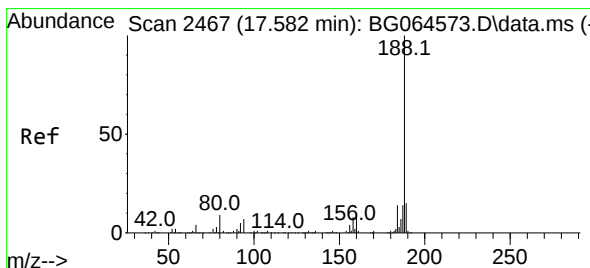
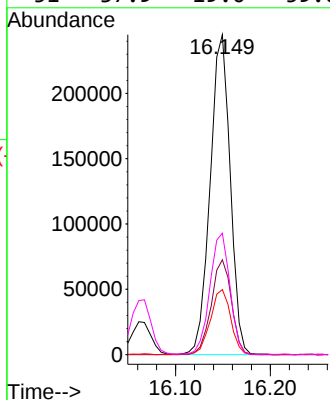
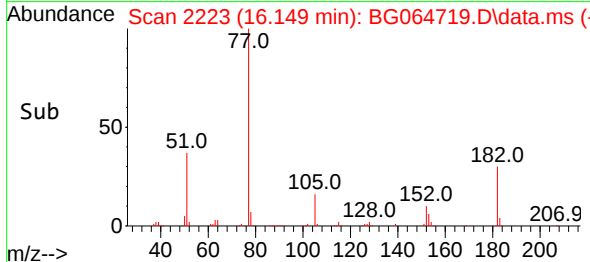
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



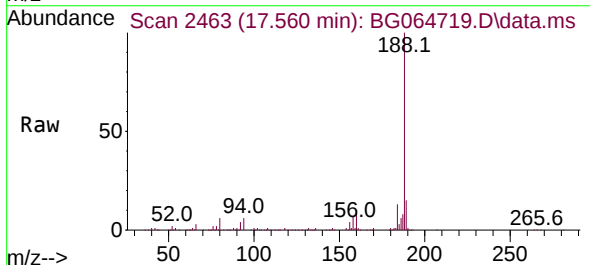
Tgt Ion: 77 Resp: 360037
Ion Ratio Lower Upper
77 100
182 29.6 4.9 44.9
105 20.3 1.3 41.3
51 37.9 19.0 59.0

Manual Integrations
APPROVED

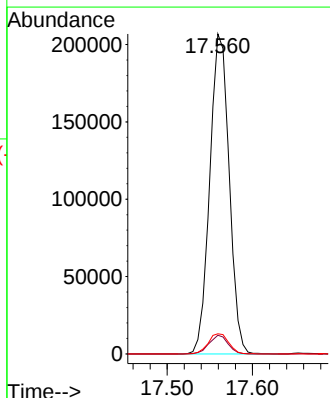
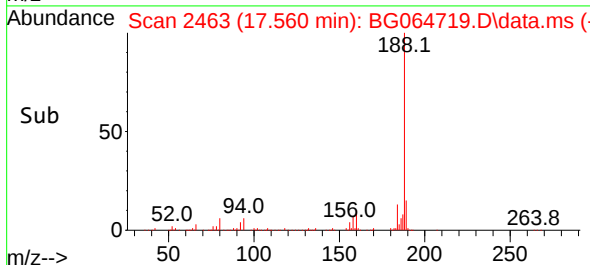
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

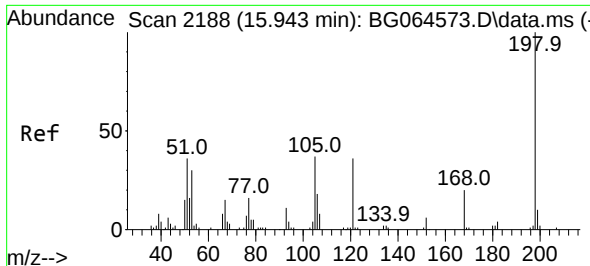


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



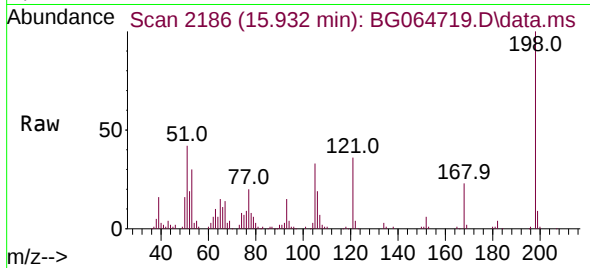
Tgt Ion:188 Resp: 326396
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.3 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 56.868 ng
RT: 15.932 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

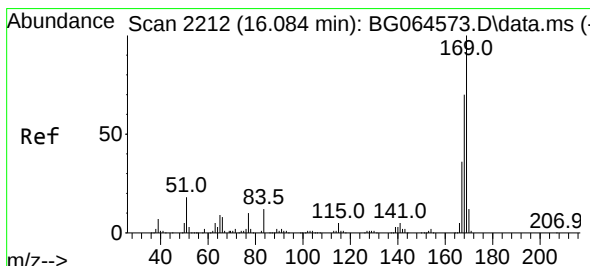
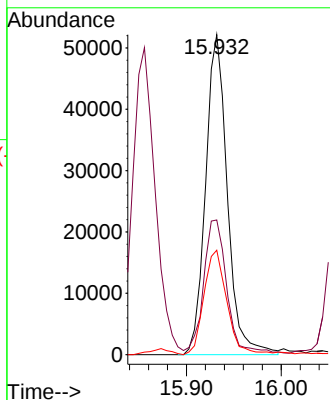
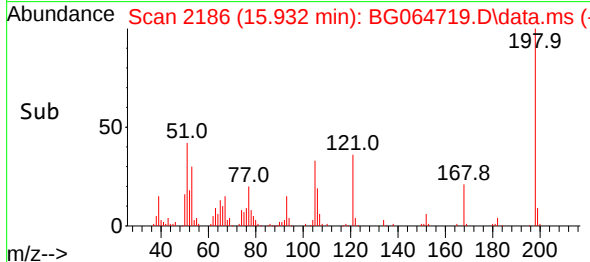
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



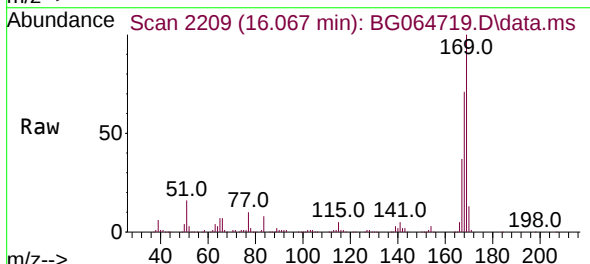
Tgt Ion:198 Resp: 83300
Ion Ratio Lower Upper
198 100
51 42.1 24.7 64.7
105 32.6 18.0 58.0

Manual Integrations
APPROVED

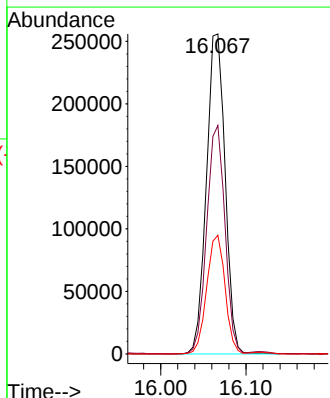
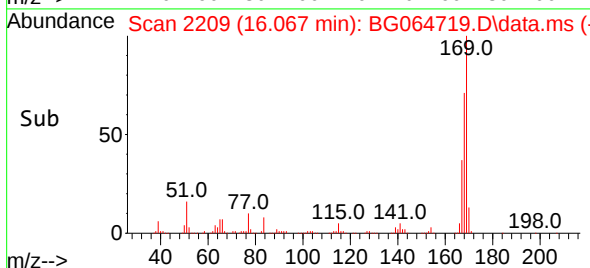
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

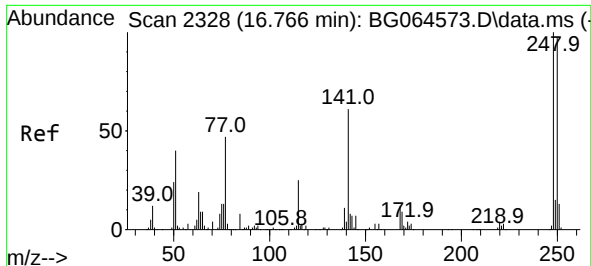


#66
n-Nitrosodiphenylamine
Concen: 44.196 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



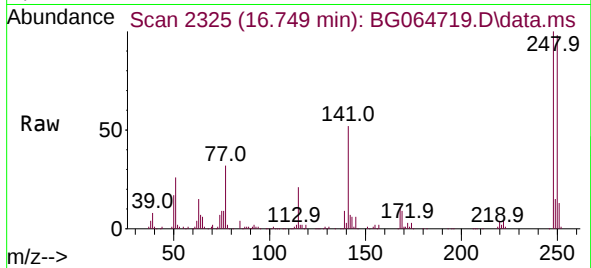
Tgt Ion:169 Resp: 389668
Ion Ratio Lower Upper
169 100
168 71.4 56.3 84.5
167 37.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.363 ng
RT: 16.749 min Scan# 2325
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

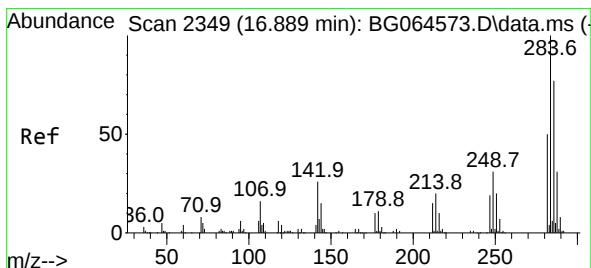
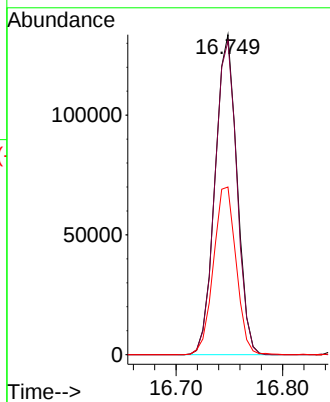
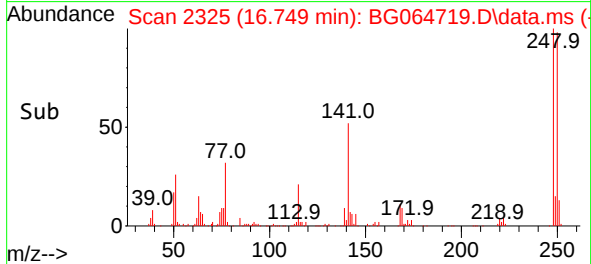
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



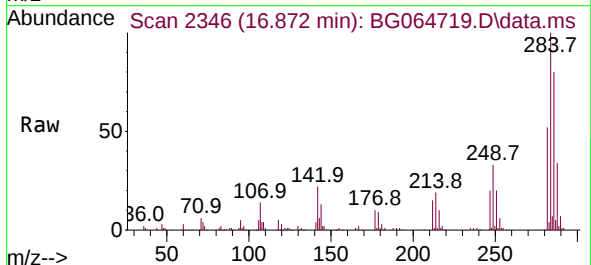
Tgt Ion:248 Resp: 190933
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 52.4 48.6 72.8

Manual Integrations
APPROVED

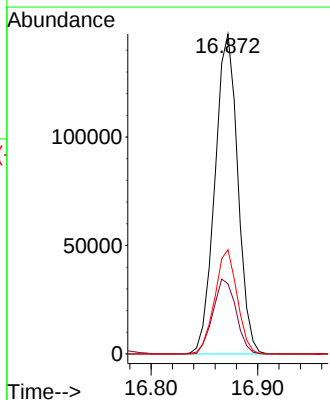
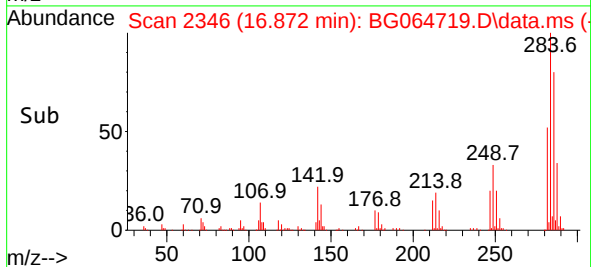
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

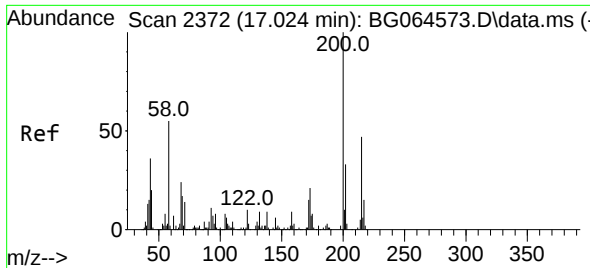


#68
Hexachlorobenzene
Concen: 49.960 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



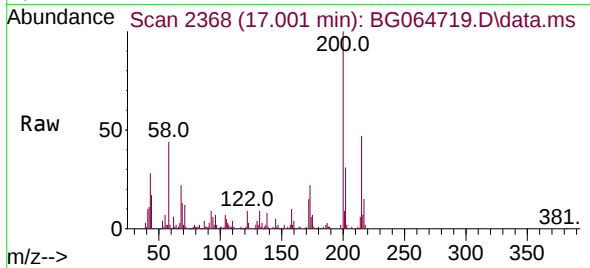
Tgt Ion:284 Resp: 220455
Ion Ratio Lower Upper
284 100
142 21.9 21.0 31.6
249 34.7 24.9 37.3





#69
 Atrazine
 Concen: 29.584 ng
 RT: 17.001 min Scan# 2372
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

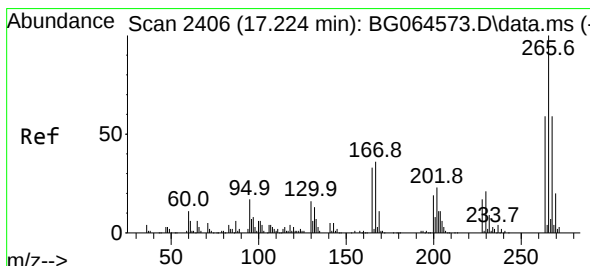
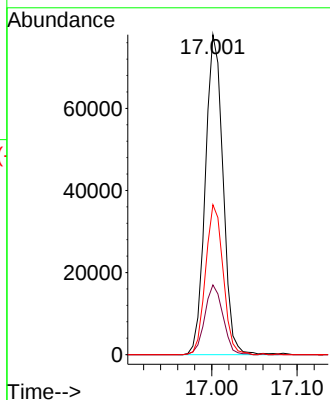
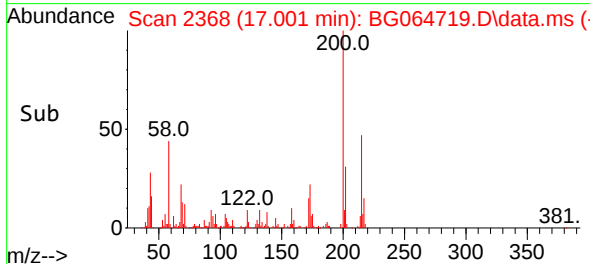
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD



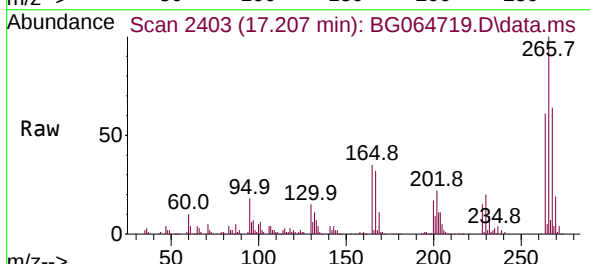
Tgt Ion:200 Resp: 112248
 Ion Ratio Lower Upper
 200 100
 173 21.8 0.9 40.9
 215 46.8 27.0 67.0

Manual Integrations
 APPROVED

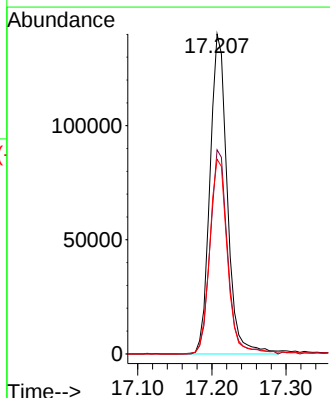
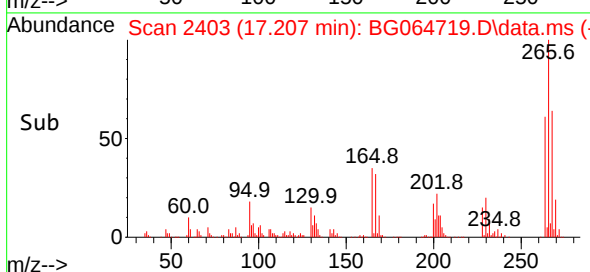
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

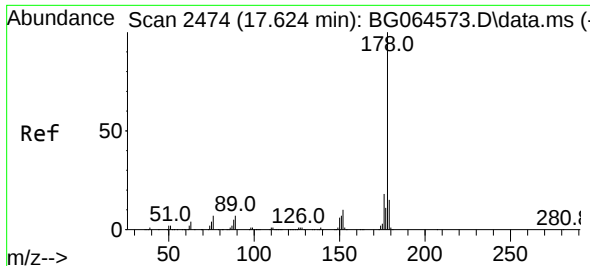


#70
 Pentachlorophenol
 Concen: 82.524 ng
 RT: 17.207 min Scan# 2403
 Delta R.T. -0.017 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54



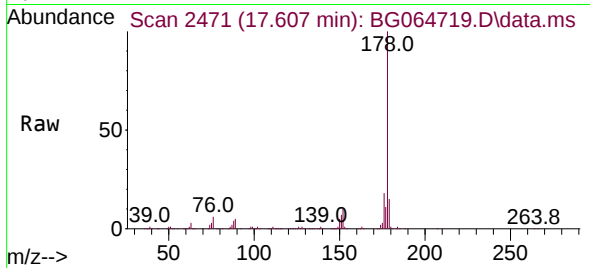
Tgt Ion:266 Resp: 227079
 Ion Ratio Lower Upper
 266 100
 268 68.0 50.3 75.5
 264 60.8 47.3 70.9





#71
Phenanthrene
Concen: 43.405 ng
RT: 17.607 min Scan# 2471
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

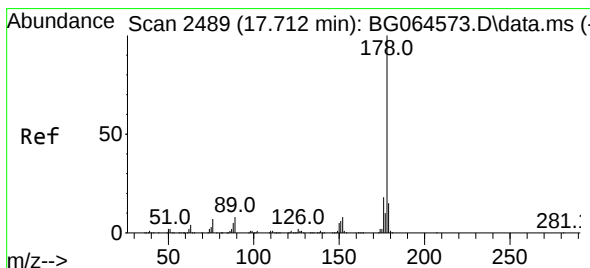
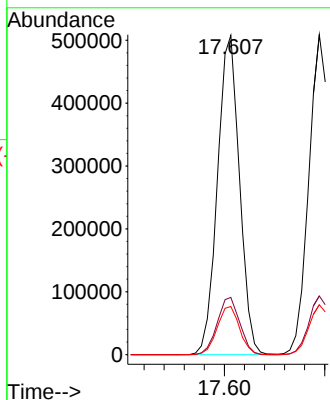
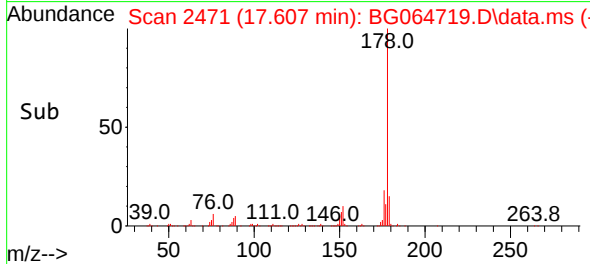
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



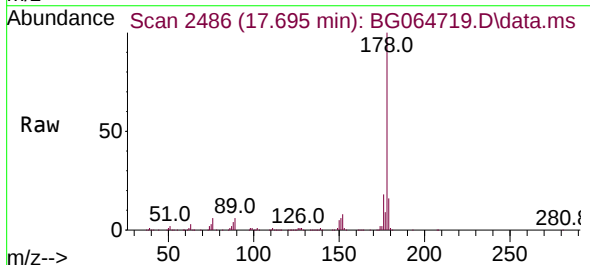
Tgt Ion:178 Resp: 774756
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.1 12.2 18.4

Manual Integrations
APPROVED

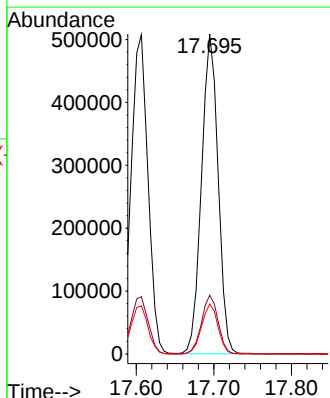
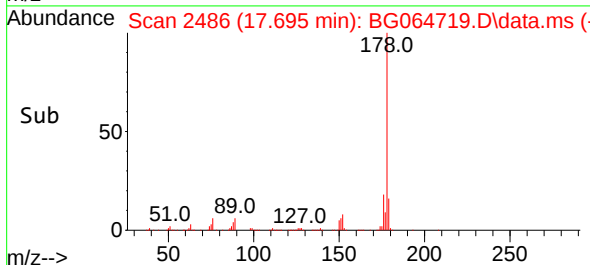
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

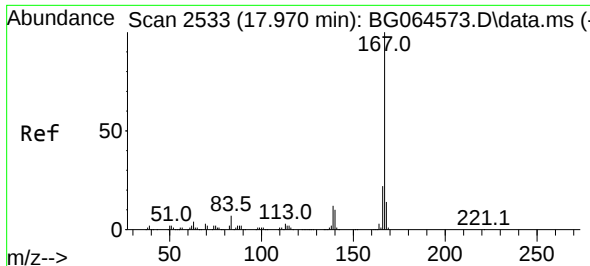


#72
Anthracene
Concen: 41.570 ng
RT: 17.695 min Scan# 2486
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



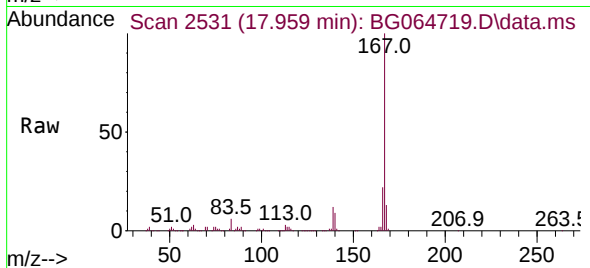
Tgt Ion:178 Resp: 754777
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.6 12.4 18.6





#73
Carbazole
Concen: 41.352 ng
RT: 17.959 min Scan# 2531
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

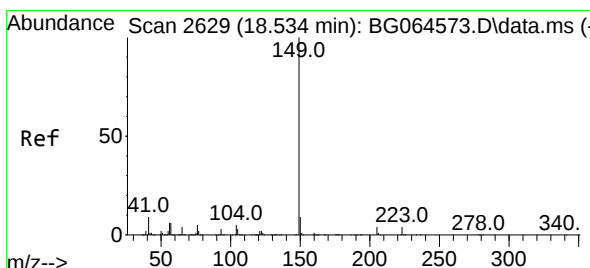
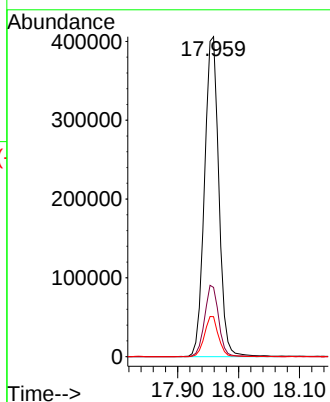
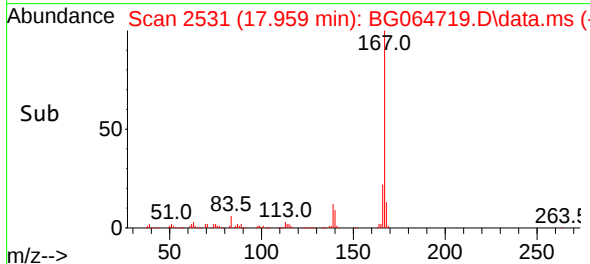
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



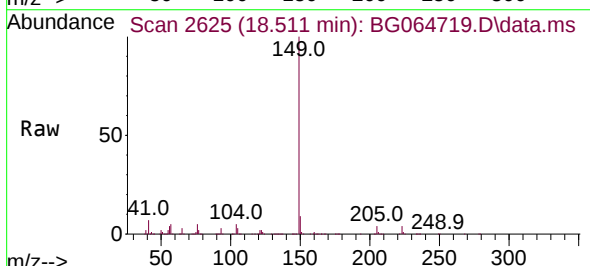
Tgt Ion:167 Resp: 662083
Ion Ratio Lower Upper
167 100
166 21.6 17.9 26.9
139 12.5 9.7 14.5

Manual Integrations
APPROVED

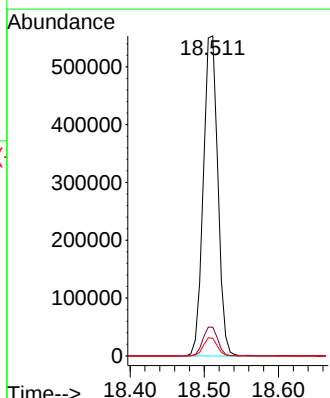
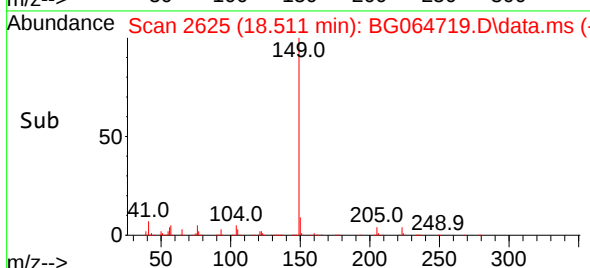
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

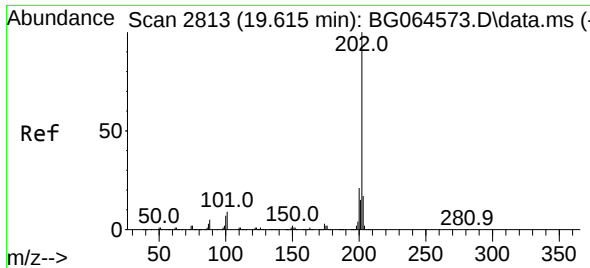


#74
Di-n-butylphthalate
Concen: 40.575 ng
RT: 18.511 min Scan# 2625
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



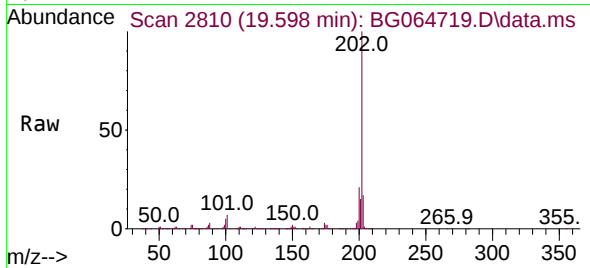
Tgt Ion:149 Resp: 751234
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 43.363 ng
RT: 19.598 min Scan# 2813
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

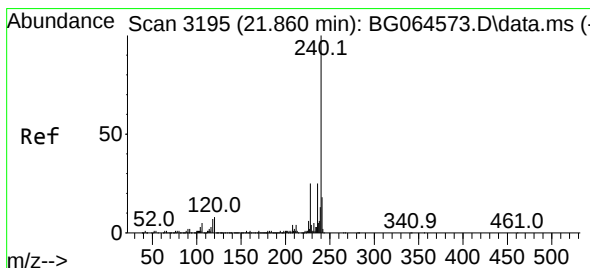
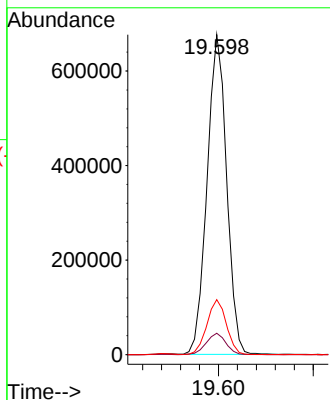
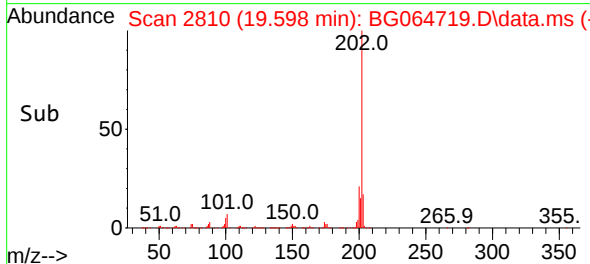
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:202 Resp: 969628
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.7
203 17.2 0.0 37.0

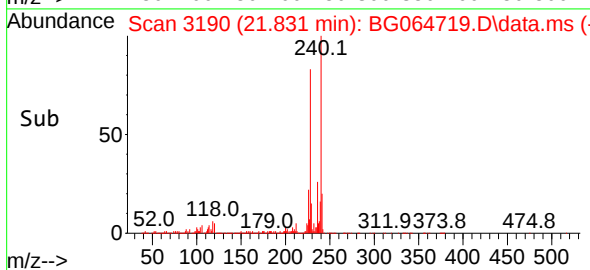
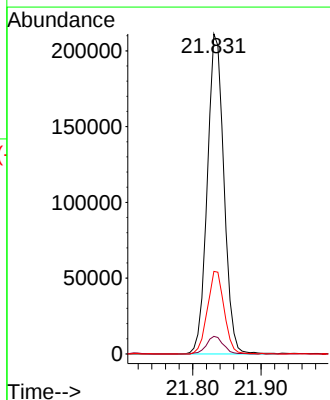
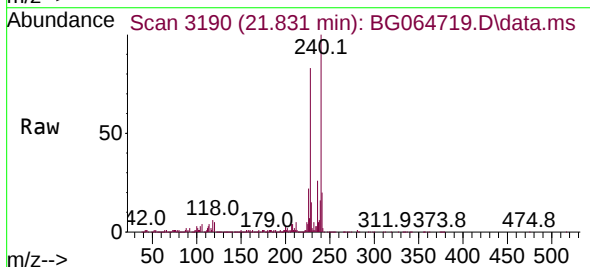
Manual Integrations
APPROVED

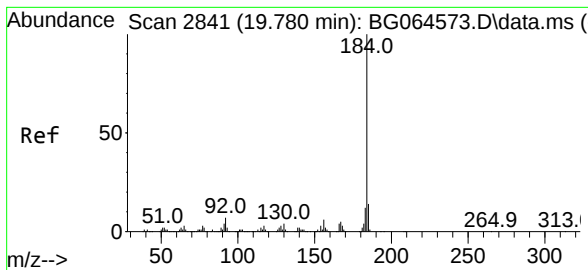
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:240 Resp: 355727
Ion Ratio Lower Upper
240 100
120 5.5 6.5 9.7#
236 25.8 20.2 30.2





#77
Benzidine
Concen: 9.009 ng
RT: 19.769 min Scan# 2841
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

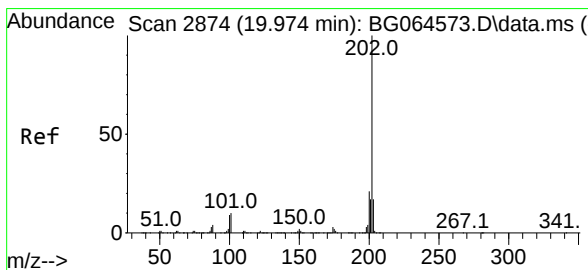
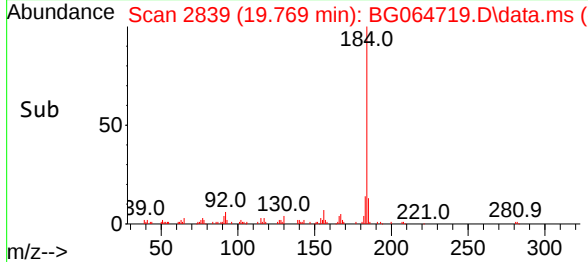
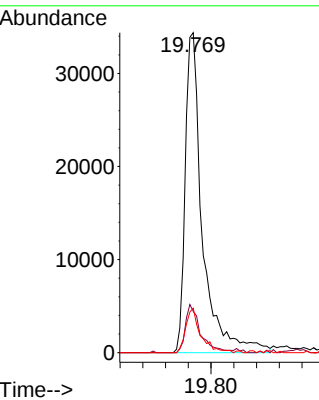
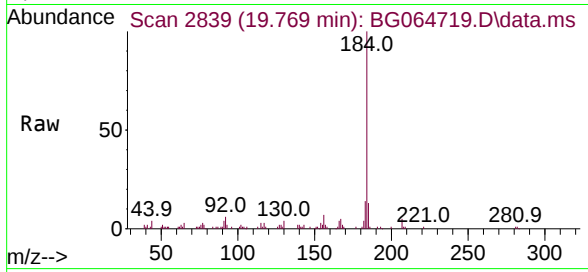
Tgt Ion:184 Resp: 71796
Ion Ratio Lower Upper
184 100
185 12.9 11.4 17.2
183 13.9 9.4 14.2

Manual Integrations

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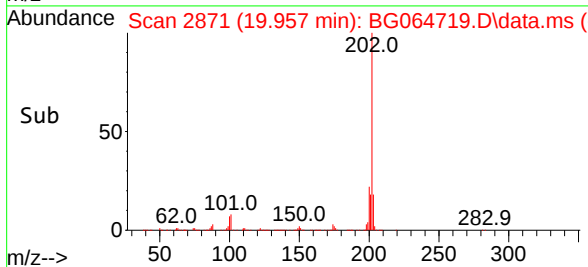
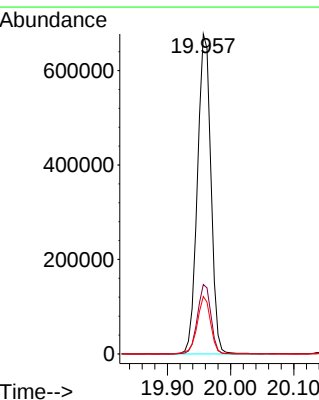
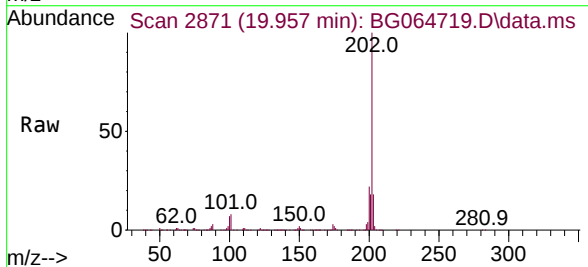
Reviewed By :Rahul Chavli 11/10/2025

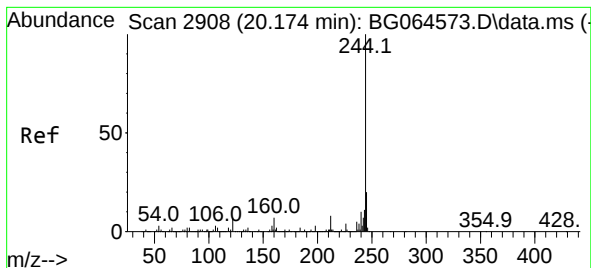
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 43.122 ng
RT: 19.957 min Scan# 2871
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:202 Resp: 1002221
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 95.422 ng

RT: 20.151 min Scan# 2908

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:244 Resp: 179868

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

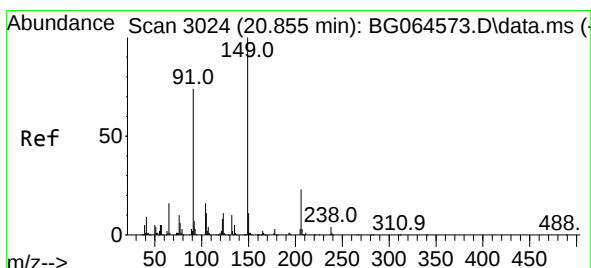
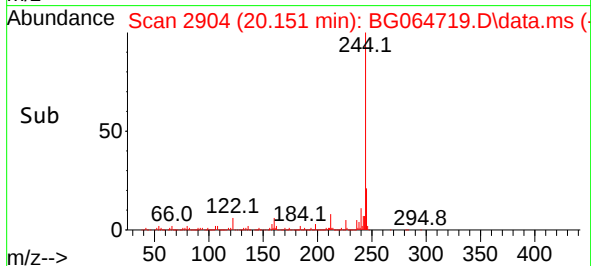
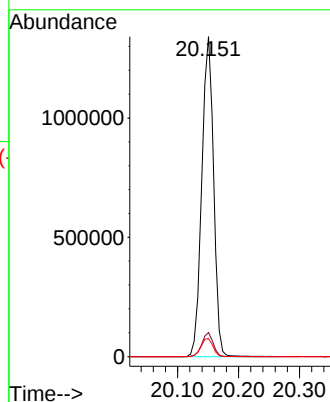
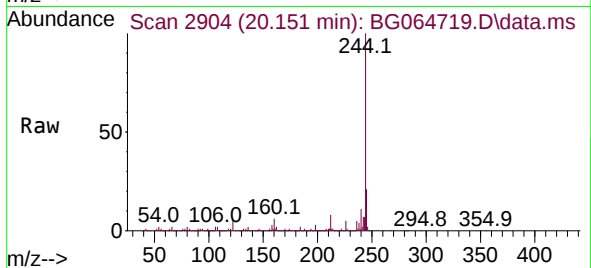
122 5.6 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#80

Butylbenzylphthalate

Concen: 49.255 ng

RT: 20.832 min Scan# 3020

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

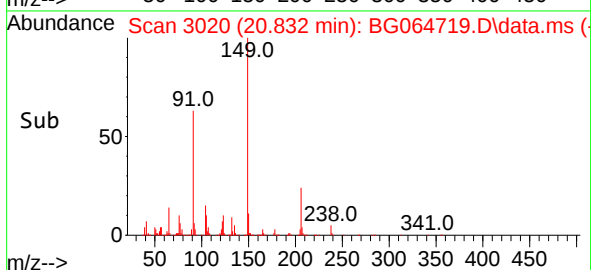
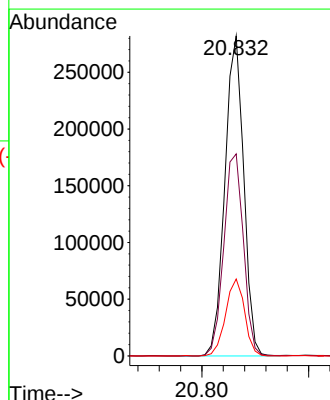
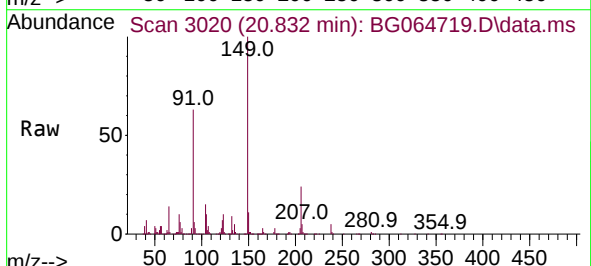
Tgt Ion:149 Resp: 345984

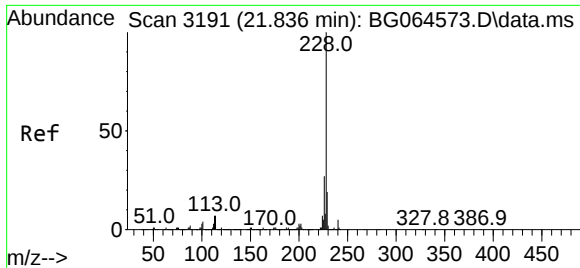
Ion Ratio Lower Upper

149 100

91 63.1 59.2 88.8

206 24.0 18.1 27.1





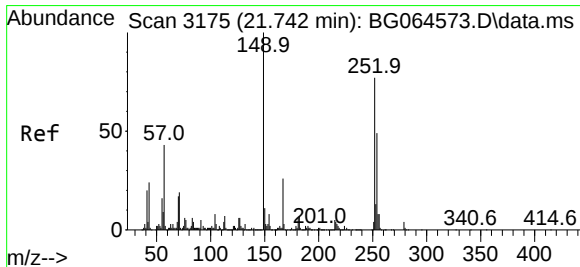
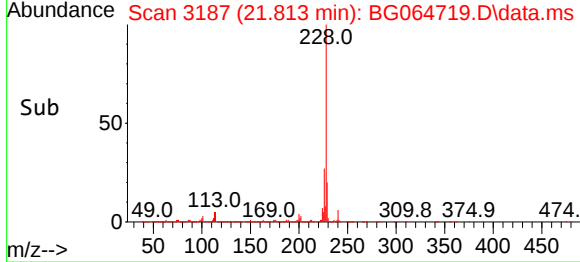
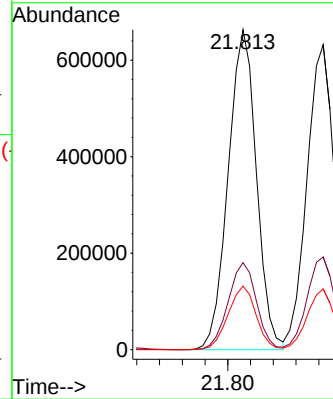
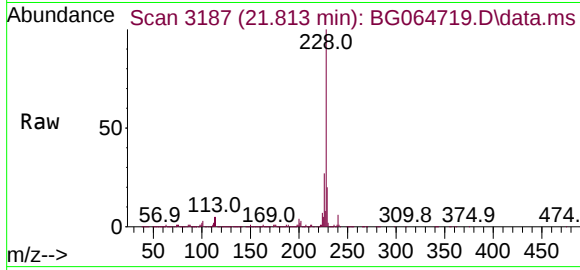
#81
Benzo(a)anthracene
Concen: 48.545 ng
RT: 21.813 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:228 Resp: 1145021
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.8 15.6 23.4

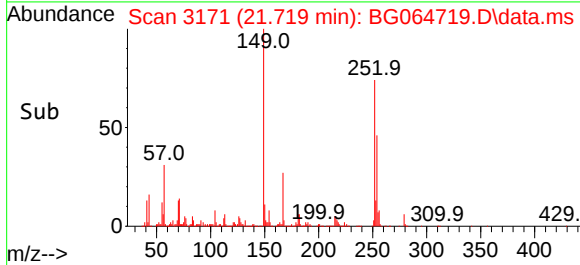
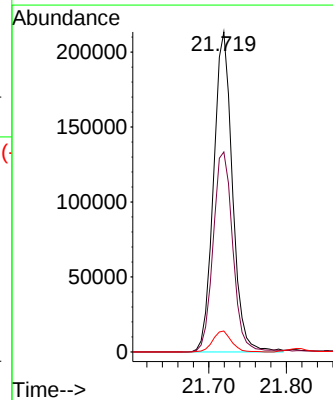
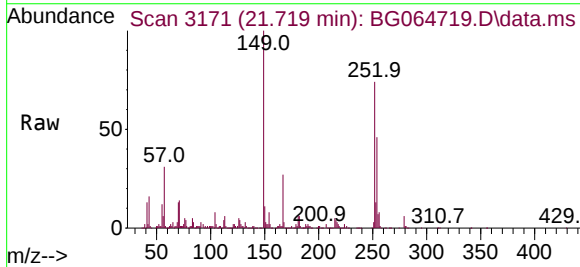
Manual Integrations
APPROVED

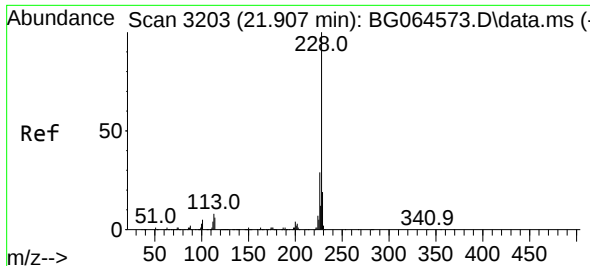
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 45.698 ng
RT: 21.719 min Scan# 3171
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

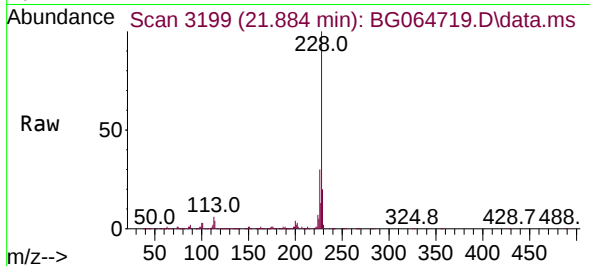
Tgt Ion:252 Resp: 359930
Ion Ratio Lower Upper
252 100
254 62.5 50.8 76.2
126 6.5 5.8 8.6





#83
Chrysene
Concen: 47.196 ng
RT: 21.884 min Scan# 3170
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

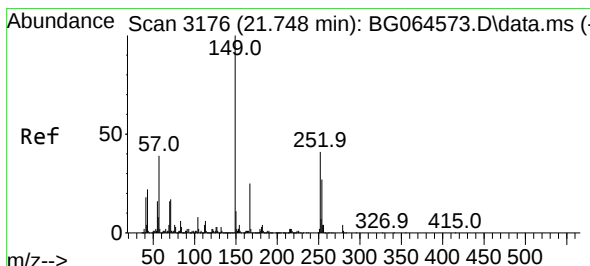
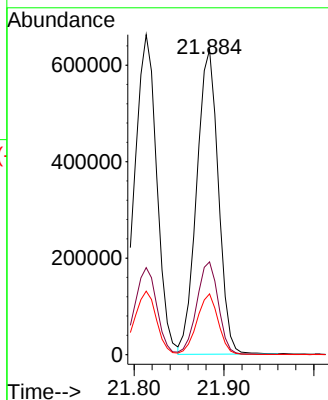
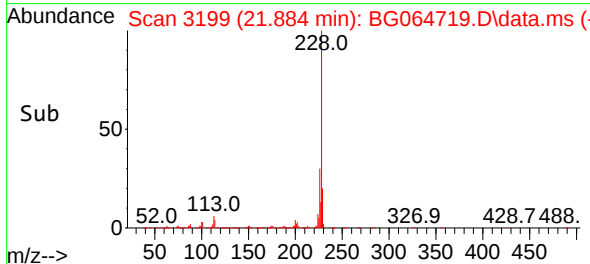
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:228 Resp: 1059232
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.9 15.2 22.8

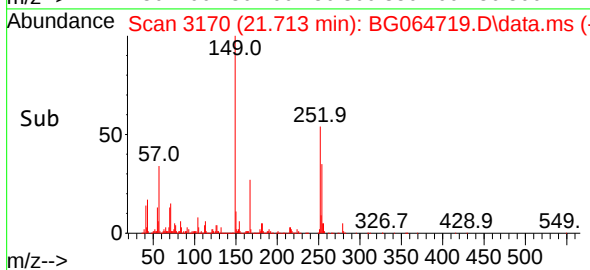
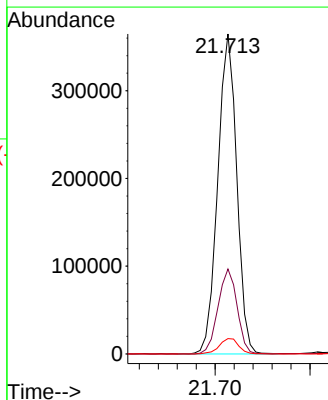
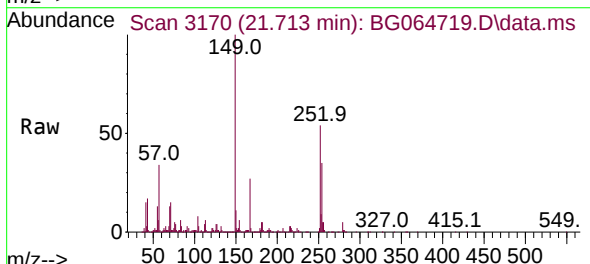
Manual Integrations
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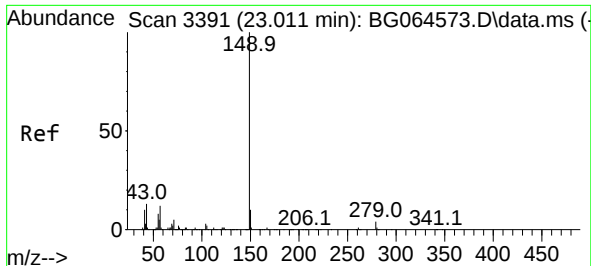
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.149 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

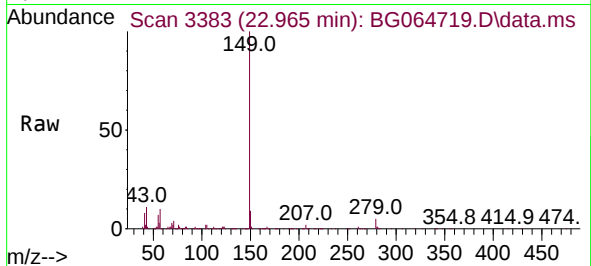
Tgt Ion:149 Resp: 505380
Ion Ratio Lower Upper
149 100
167 26.5 20.0 30.0
279 4.8 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 49.583 ng
RT: 22.965 min Scan# 3391
Delta R.T. -0.046 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

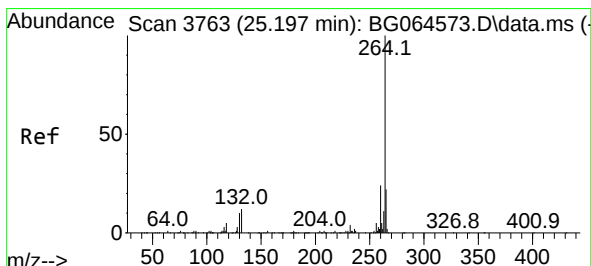
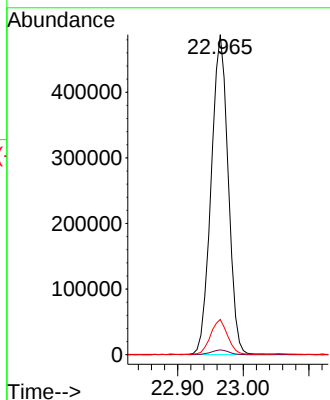
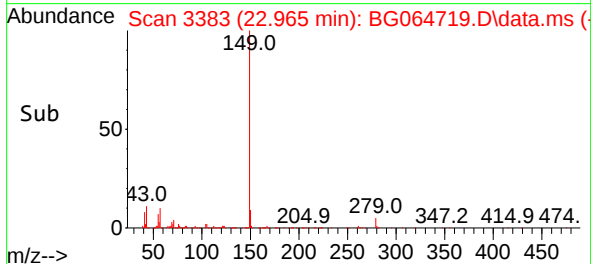
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



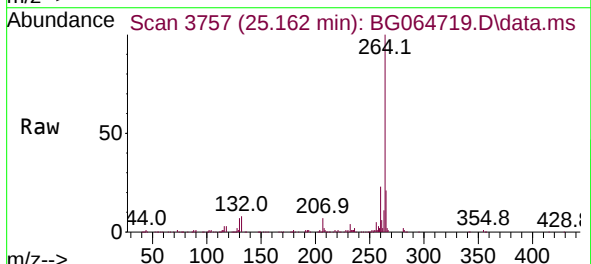
Tgt Ion:149 Resp: 877431
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.0 10.8 16.2

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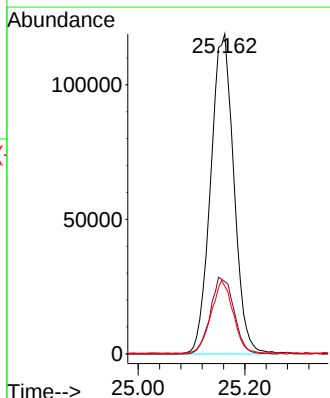
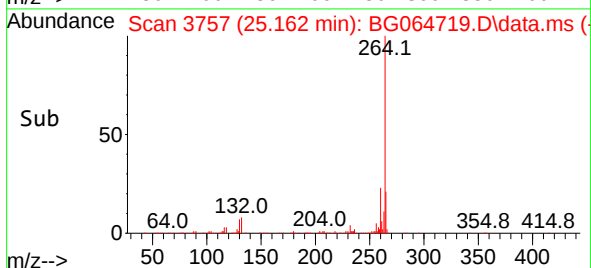
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

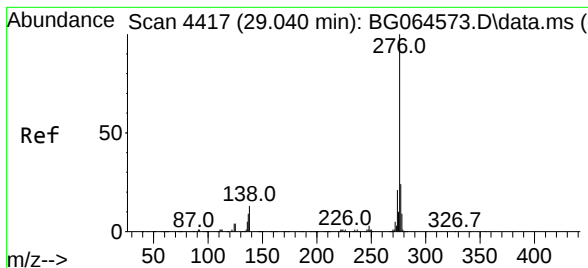


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.162 min Scan# 3757
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:264 Resp: 359174
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.878 ng

RT: 28.976 min Scan# 4417

Delta R.T. -0.064 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:276 Resp: 1397154

Ion Ratio Lower Upper

276 100

138 12.6 10.8 16.2

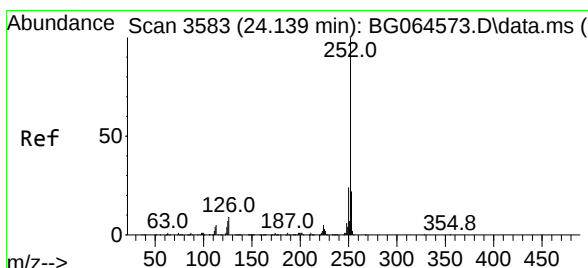
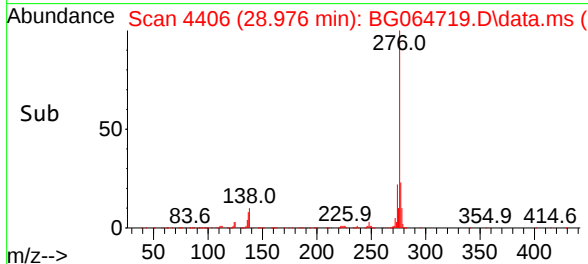
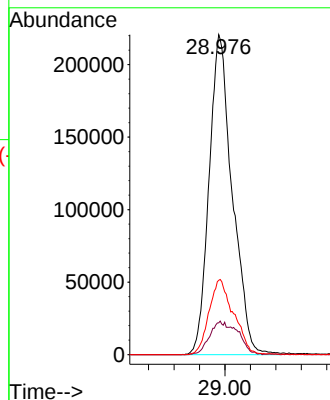
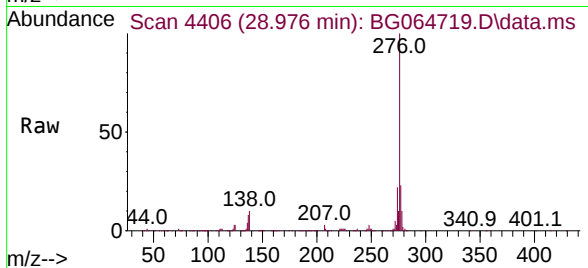
277 24.9 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#88

Benzo(b)fluoranthene

Concen: 55.685 ng

RT: 24.105 min Scan# 3577

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

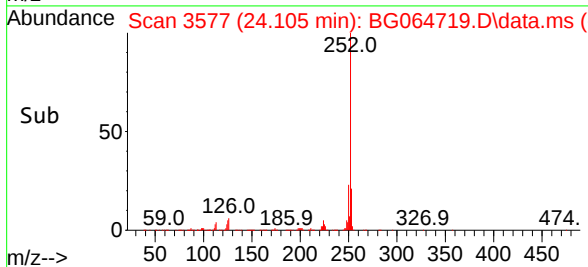
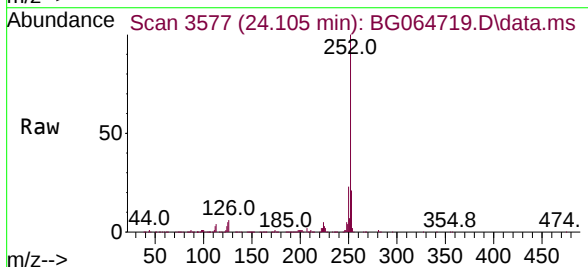
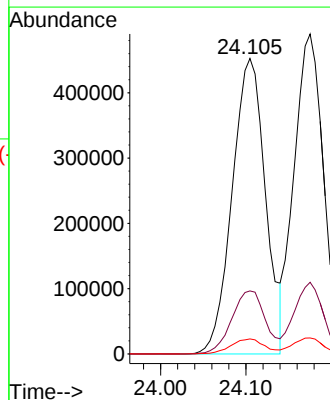
Tgt Ion:252 Resp: 1226427

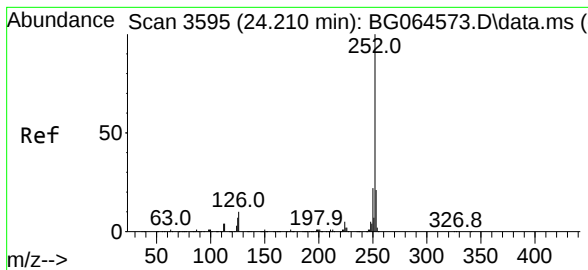
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

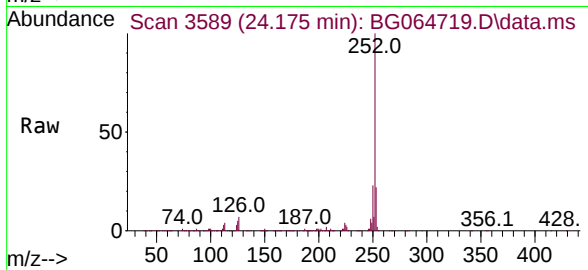
125 5.1 5.6 8.4#





#89
Benzo(k)fluoranthene
Concen: 53.021 ng
RT: 24.175 min Scan# 3589
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

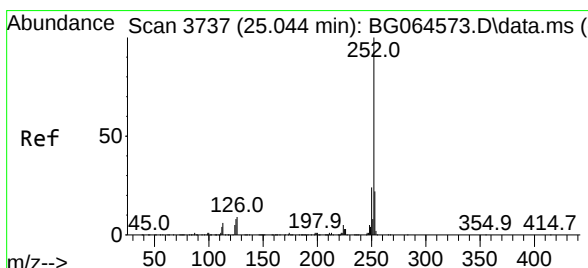
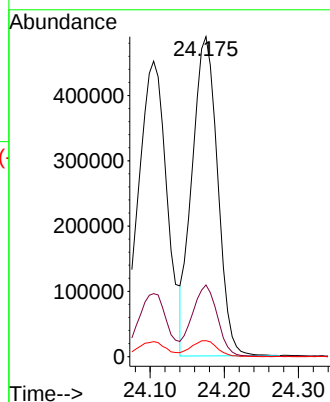
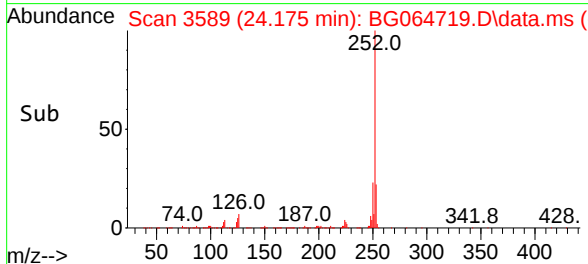
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



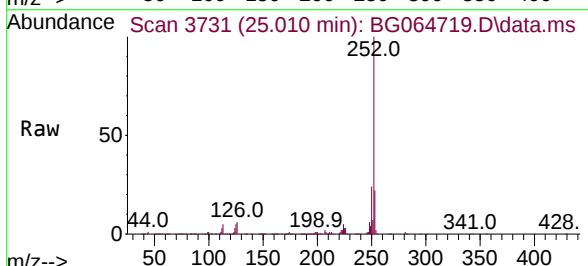
Tgt Ion:252 Resp: 1168573
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 5.0 5.4 8.0

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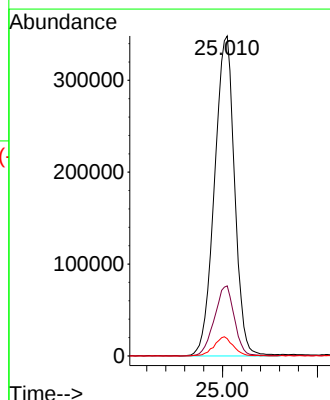
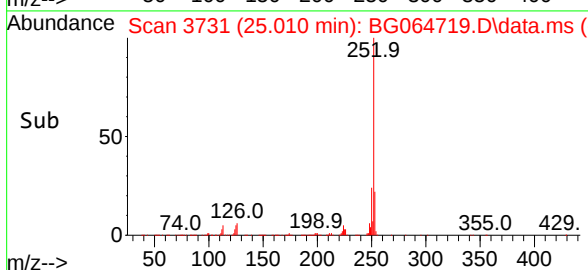
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

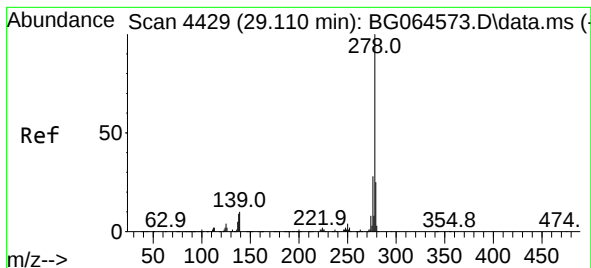


#90
Benzo(a)pyrene
Concen: 50.567 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:252 Resp: 1023739
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 5.4 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 55.188 ng

RT: 29.046 min Scan# 4418

Delta R.T. -0.064 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:278 Resp: 1184674

Ion Ratio Lower Upper

278 100

139 7.8 8.0 12.0

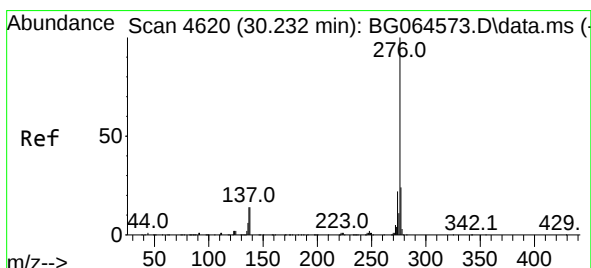
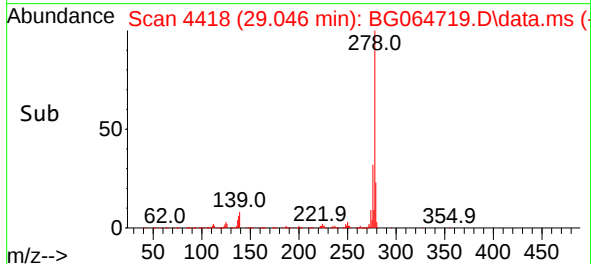
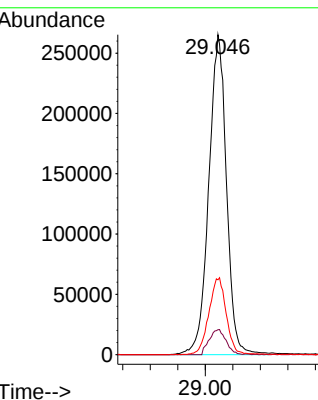
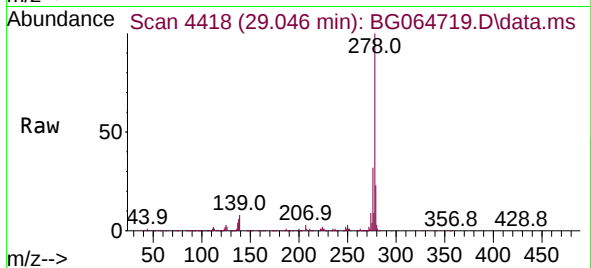
279 23.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#92

Benzo(g,h,i)perylene

Concen: 55.769 ng

RT: 30.180 min Scan# 4611

Delta R.T. -0.052 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Tgt Ion:276 Resp: 1143584

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 10.6 11.3 16.9

