

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064683.D
 Acq On : 3 Nov 2025 22:05
 Operator : RC/JU
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:47:31 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	8.205	152	30518	20.000	ng	-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng	-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng	-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng	#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	161318	88.725	ng	0.00
7) Phenol-d6	7.347	99	227772	91.294	ng	0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng	-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng	97
3) Pyridine	3.987	79	73171	30.270	ng	98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng	86
6) Aniline	7.518	93	96754	28.500	ng	98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng	95
9) Benzaldehyde	7.330	77	41376	30.377	ng	94
10) Phenol	7.377	94	127181	46.094	ng	95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng	97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng	96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng	96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng	99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng	99
17) 2-Methylphenol	8.646	107	91462	49.927	ng	98
18) Hexachloroethane	9.310	117	38511	49.274	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng	99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng	97
22) Acetophenone	9.034	105	172750	50.670	ng	# 97
24) Nitrobenzene	9.416	77	114675	50.775	ng	96
25) Isophorone	9.944	82	220732	44.300	ng	98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	# 84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng	93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng	96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng	95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng	99
31) Naphthalene	11.084	128	322262	46.604	ng	98
32) Benzoic acid	10.309	122	78271m	54.276	ng	
33) 4-Chloroaniline	11.178	127	63504	23.628	ng	94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng	98
35) Caprolactam	11.954	113	31840m	41.620	ng	
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng	100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng	99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng	94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng	99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng	97

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 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
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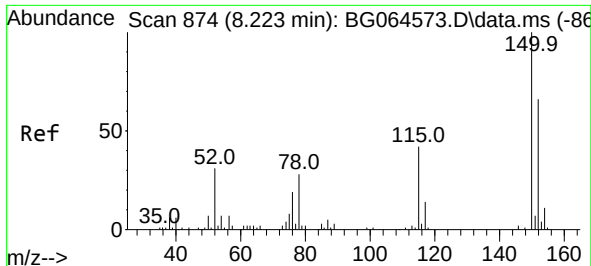
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng	97
46) 1,1'-Biphenyl	13.669	154	365511	52.617	ng	95
47) 2-Chloronaphthalene	13.716	162	247117	47.128	ng	99
48) 2-Nitroaniline	13.904	65	92902	52.456	ng	93
49) Acenaphthylene	14.557	152	447526	54.110	ng	99
50) Dimethylphthalate	14.280	163	350578	46.888	ng	99
51) 2,6-Dinitrotoluene	14.392	165	72025	57.691	ng	94
52) Acenaphthene	14.897	154	296446	52.462	ng	99
53) 3-Nitroaniline	14.721	138	54127	42.124	ng	99
54) 2,4-Dinitrophenol	14.927	184	86735	112.166	ng	# 36
55) Dibenzofuran	15.226	168	436524	47.784	ng	98
56) 4-Nitrophenol	15.021	139	111684	93.749	ng	92
57) 2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	# 98
58) Fluorene	15.873	166	346869	48.619	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng	99
60) Diethylphthalate	15.632	149	351361	46.024	ng	98
61) 4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng	99
62) 4-Nitroaniline	15.879	138	77086	53.925	ng	88
63) Azobenzene	16.155	77	346233	49.429	ng	97
65) 4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng	95
66) n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng	99
67) 4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng	99
68) Hexachlorobenzene	16.877	284	174527	54.164	ng	98
69) Atrazine	17.012	200	146558	52.897	ng	97
70) Pentachlorophenol	17.218	266	138736	69.046	ng	94
71) Phenanthrene	17.612	178	626478	48.065	ng	99
72) Anthracene	17.706	178	637519	48.084	ng	99
73) Carbazole	17.964	167	559713	47.873	ng	99
74) Di-n-butylphthalate	18.517	149	640771	47.395	ng	99
75) Fluoranthene	19.609	202	800886	49.049	ng	97
77) Benzidine	19.774	184	233853	37.459	ng	99
78) Pyrene	19.968	202	824584	45.294	ng	99
80) Butylbenzylphthalate	20.837	149	283110	51.453	ng	97
81) Benzo(a)anthracene	21.825	228	895006	48.442	ng	99
82) 3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng	98
83) Chrysene	21.889	228	840571	47.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng	98
85) Di-n-octyl phthalate	22.982	149	701716	50.622	ng	97
87) Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	# 96
88) Benzo(b)fluoranthene	24.116	252	917327	48.744	ng	99
89) Benzo(k)fluoranthene	24.186	252	938287	49.823	ng	98
90) Benzo(a)pyrene	25.021	252	886118	51.224	ng	99
91) Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng	99
92) Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	# 96

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

Manual Integrations

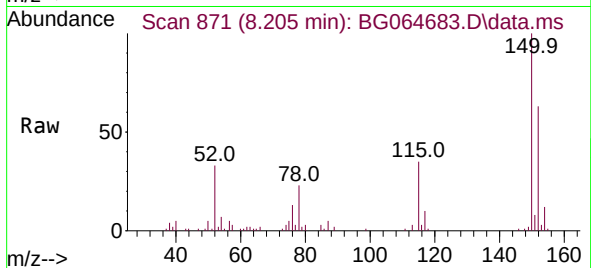
Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 81
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

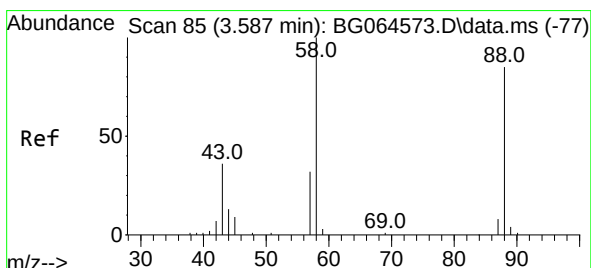
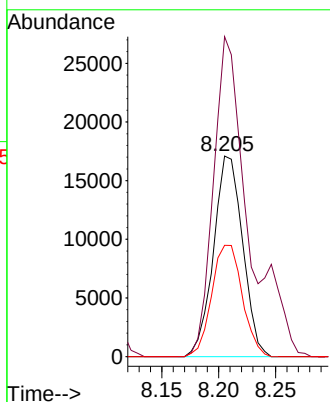
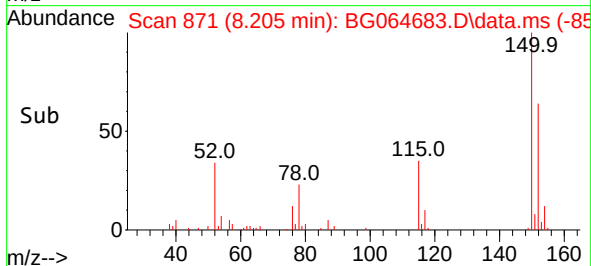
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:152 Resp: 30518
Ion Ratio Lower Upper
152 100
150 159.5 122.2 183.4
115 55.4 50.8 76.2

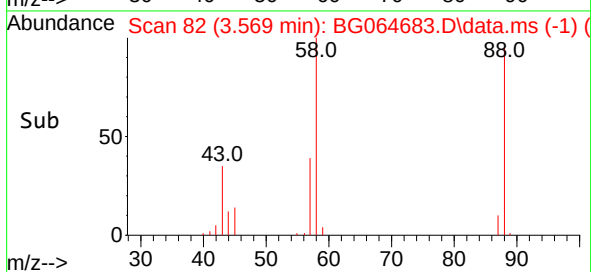
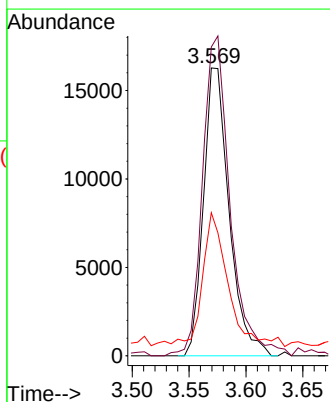
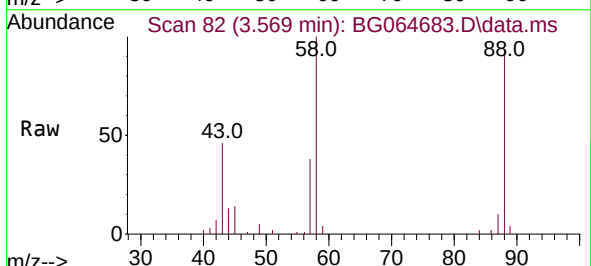
Manual Integrations
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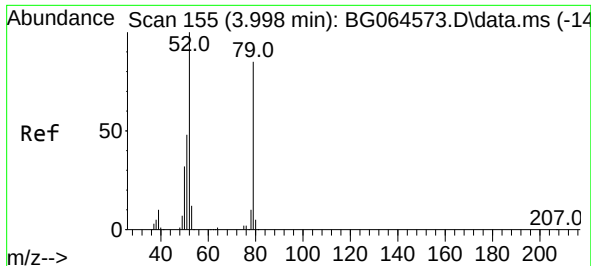
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 31.794 ng
RT: 3.569 min Scan# 82
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

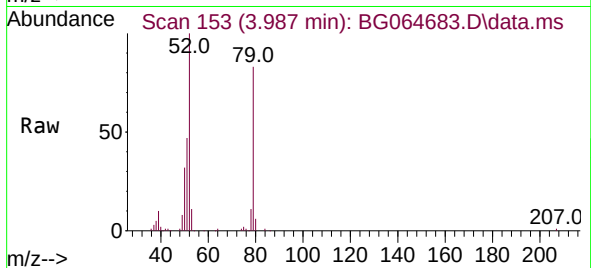
Tgt Ion: 88 Resp: 25593
Ion Ratio Lower Upper
88 100
58 119.4 92.4 138.6
43 41.3 33.0 49.6





#3
Pyridine
Concen: 30.270 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

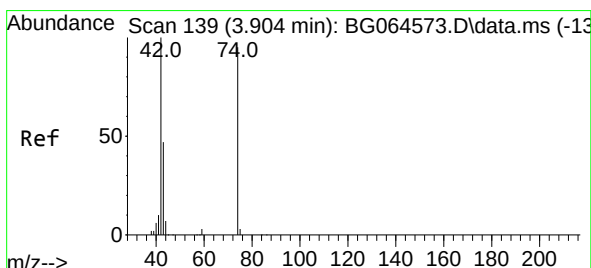
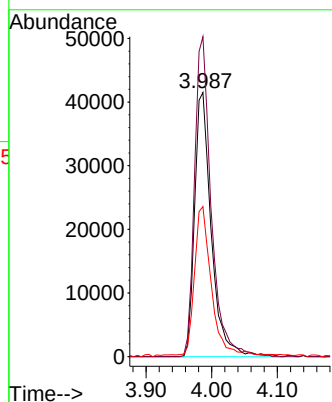
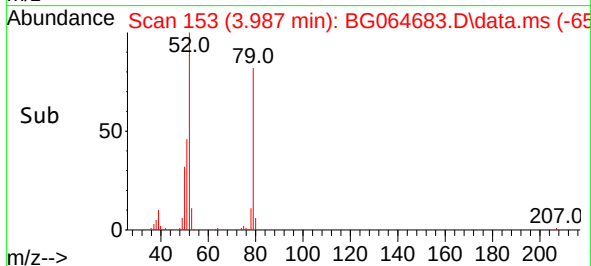
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



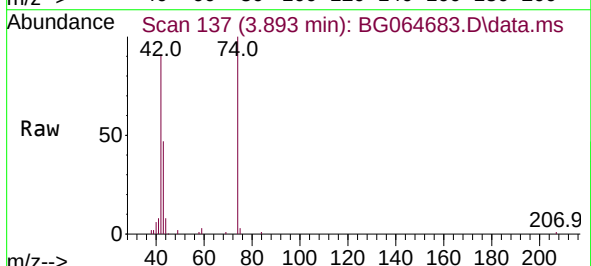
Tgt Ion: 79 Resp: 7317
Ion Ratio Lower Upper
79 100
52 121.2 94.2 141.2
51 56.8 46.1 69.1

Manual Integrations
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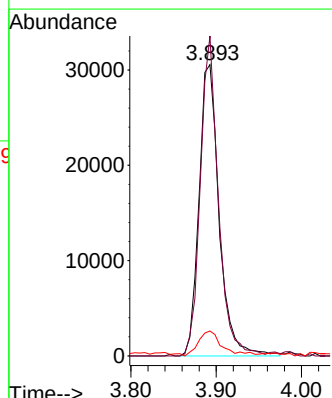
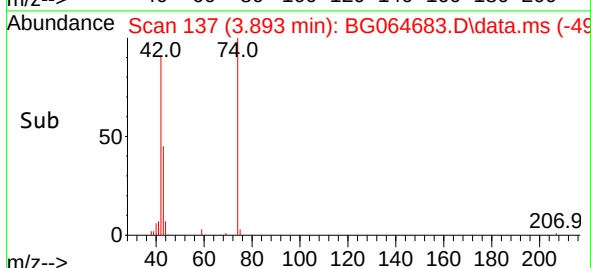
Reviewed By :Jagrut Upadhyay 11/04/2025
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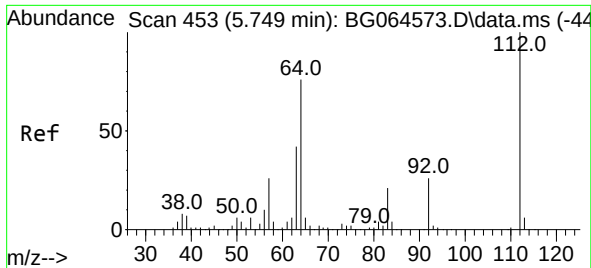


#4
n-Nitrosodimethylamine
Concen: 38.629 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



Tgt Ion: 42 Resp: 50075
Ion Ratio Lower Upper
42 100
74 109.9 76.1 114.1
44 8.6 6.3 9.5





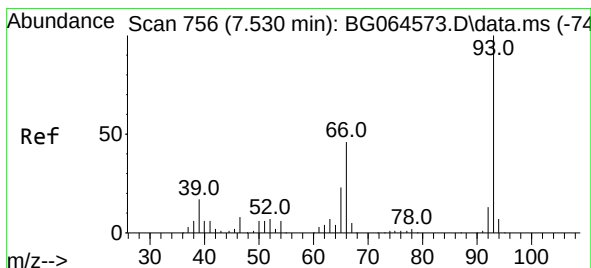
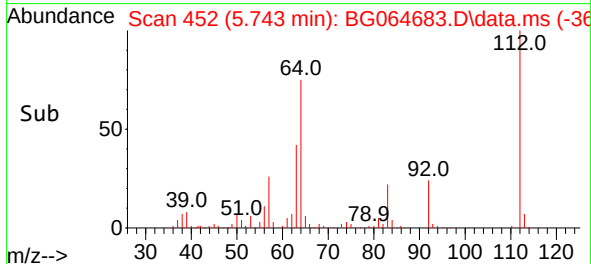
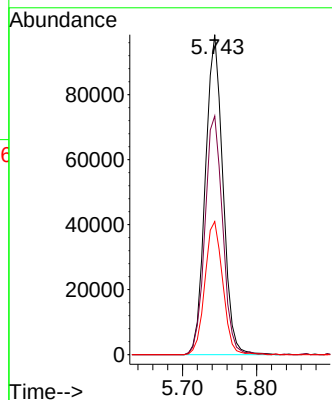
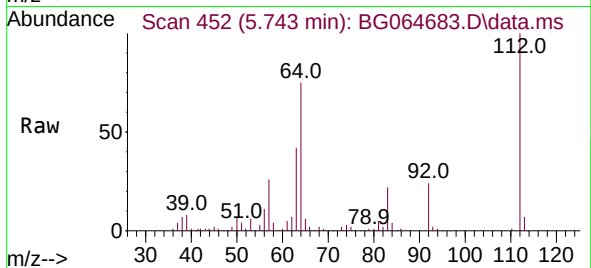
#5
2-Fluorophenol
Concen: 88.725 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:112 Resp: 161318
Ion Ratio Lower Upper
112 100
64 74.6 60.7 91.1
63 41.6 33.4 50.0

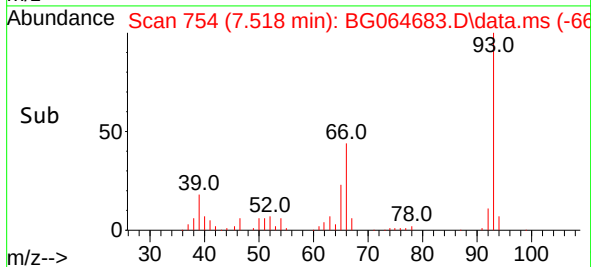
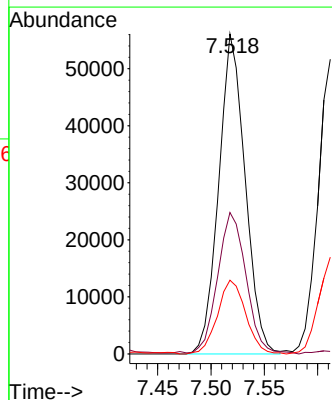
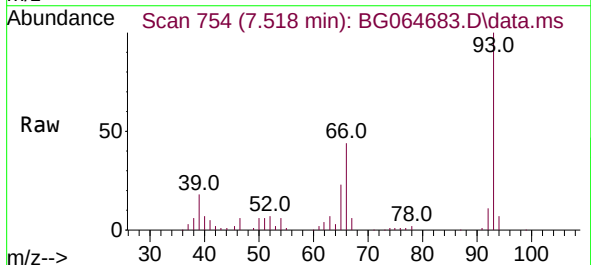
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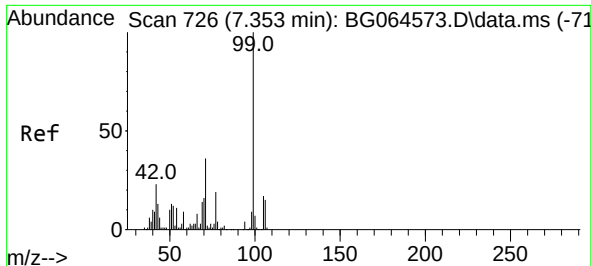
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 28.500 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

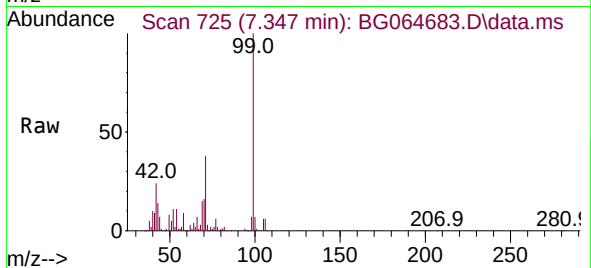
Tgt Ion: 93 Resp: 96754
Ion Ratio Lower Upper
93 100
66 44.2 37.0 55.6
65 23.1 18.3 27.5





#7
Phenol-d6
Concen: 91.294 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

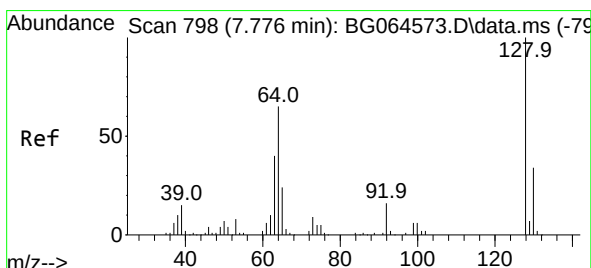
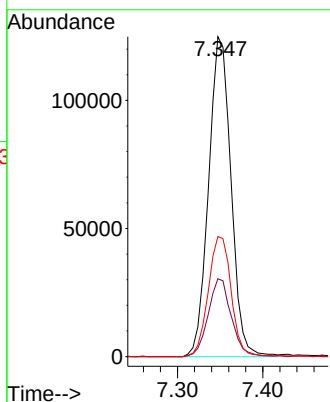
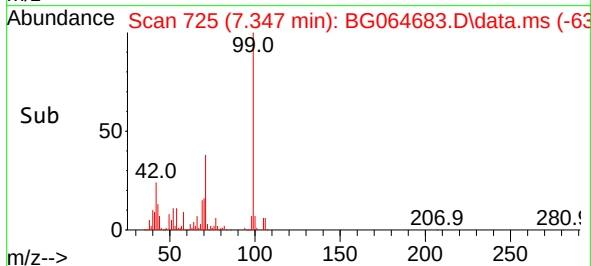
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion: 99 Resp: 227772
Ion Ratio Lower Upper
99 100
42 24.3 18.3 27.5
71 37.5 28.6 43.0

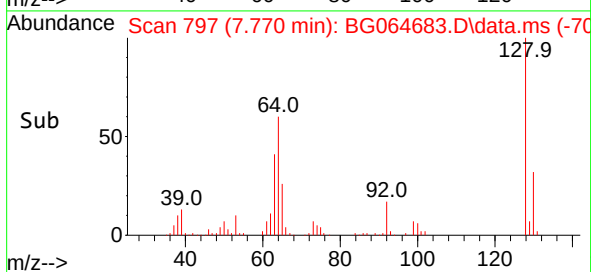
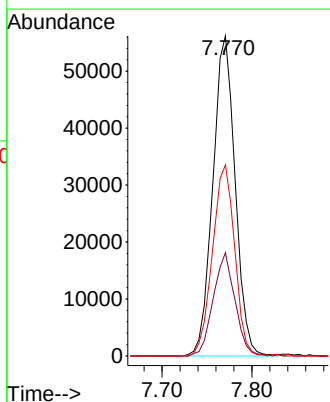
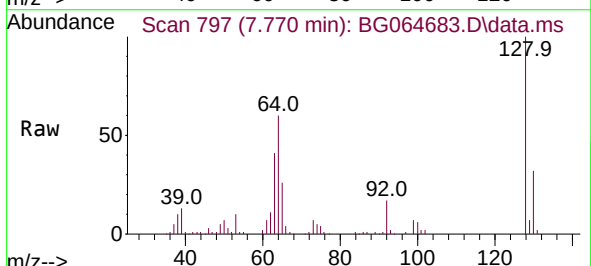
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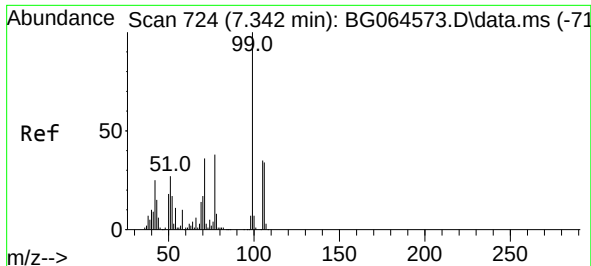
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 51.087 ng
RT: 7.770 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

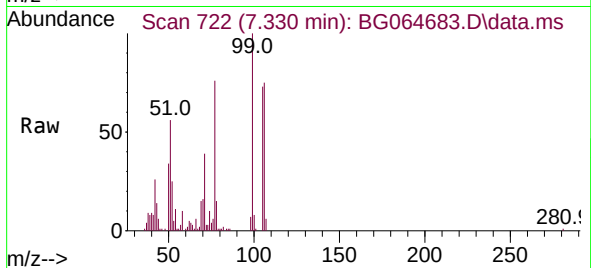
Tgt Ion:128 Resp: 97222
Ion Ratio Lower Upper
128 100
130 32.2 13.5 53.5
64 59.7 45.2 85.2





#9
Benzaldehyde
Concen: 30.377 ng
RT: 7.330 min Scan# 724
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

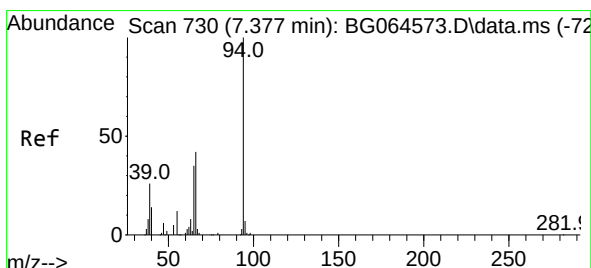
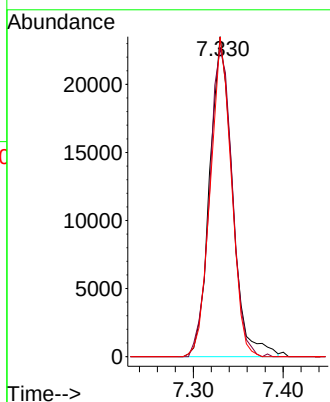
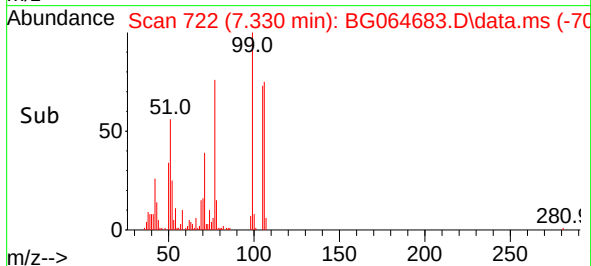
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



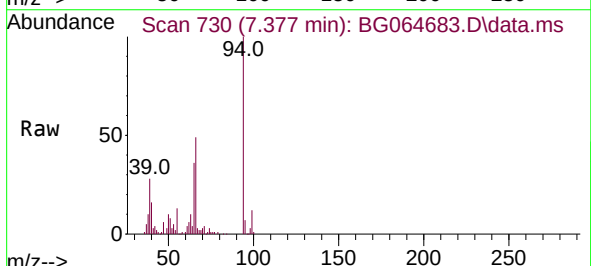
Tgt Ion: 77 Resp: 41376
Ion Ratio Lower Upper
77 100
105 96.2 72.9 112.9
106 99.9 70.8 110.8

Manual Integrations
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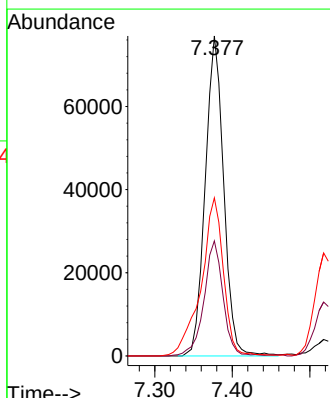
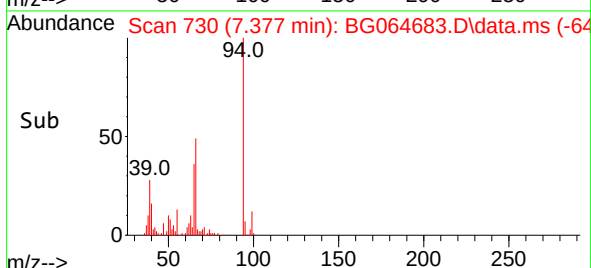
Reviewed By :Jagrut Upadhyay 11/04/2025
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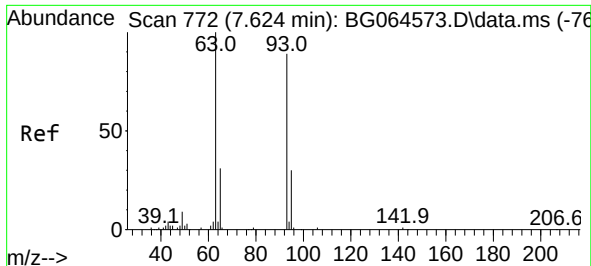


#10
Phenol
Concen: 46.094 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



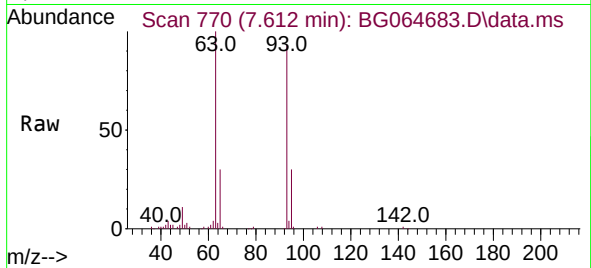
Tgt Ion: 94 Resp: 127181
Ion Ratio Lower Upper
94 100
65 35.9 15.8 55.8
66 49.4 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 41.782 ng
RT: 7.612 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

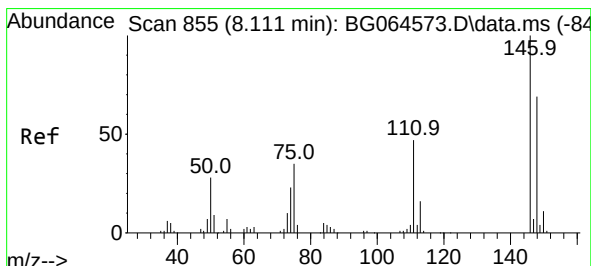
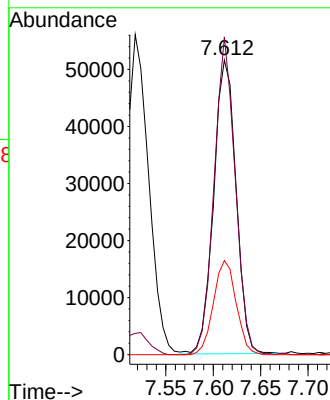
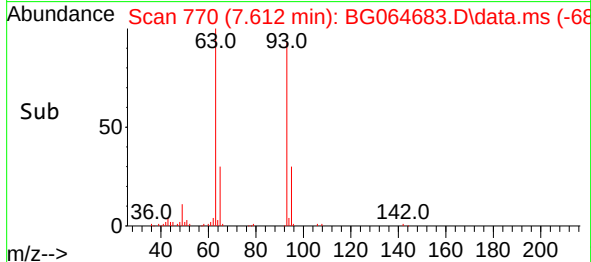
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion: 93 Resp: 84758
Ion Ratio Lower Upper
93 100
63 107.8 91.3 131.3
95 31.9 13.3 53.3

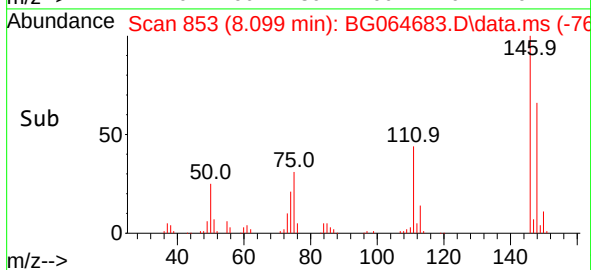
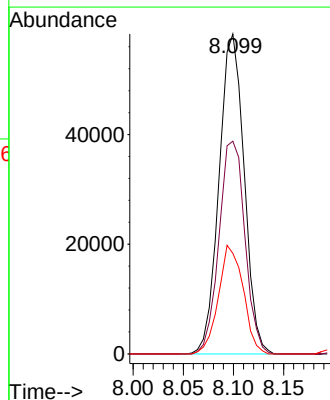
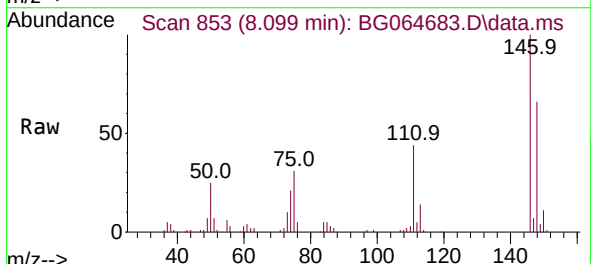
Manual Integrations
APPROVED

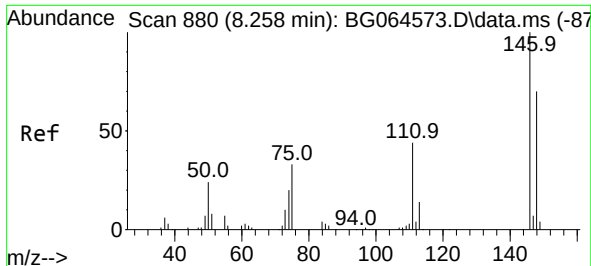
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 46.339 ng
RT: 8.099 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 101499
Ion Ratio Lower Upper
146 100
148 66.5 55.3 82.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.969 ng

RT: 8.246 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:146 Resp: 104608

Ion Ratio Lower Upper

146 100

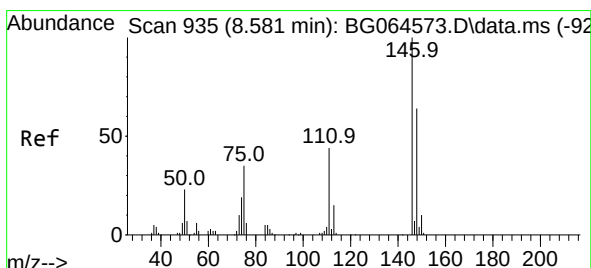
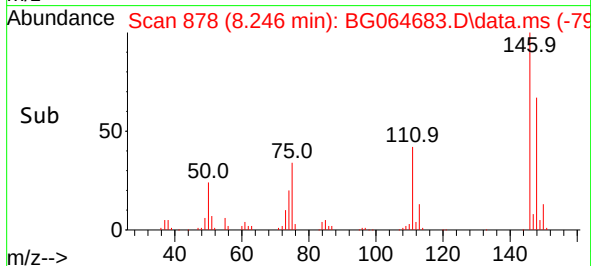
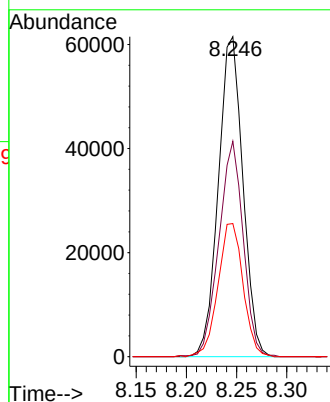
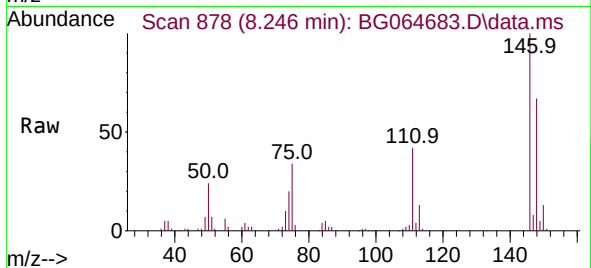
148 67.3 56.2 84.4

111 41.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 48.108 ng

RT: 8.564 min Scan# 932

Delta R.T. -0.018 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

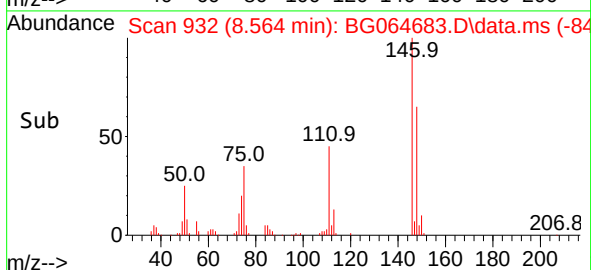
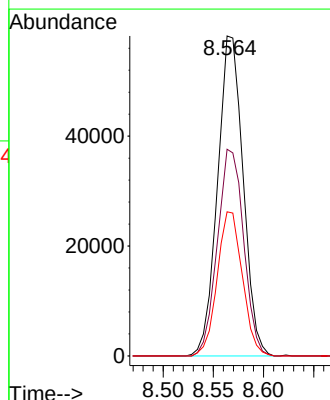
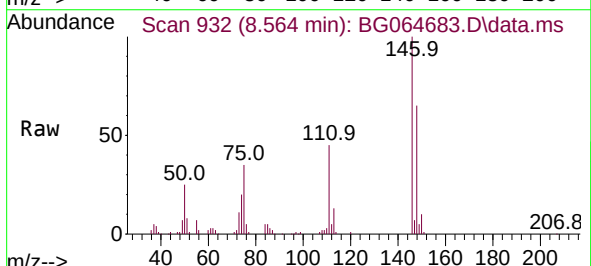
Tgt Ion:146 Resp: 103345

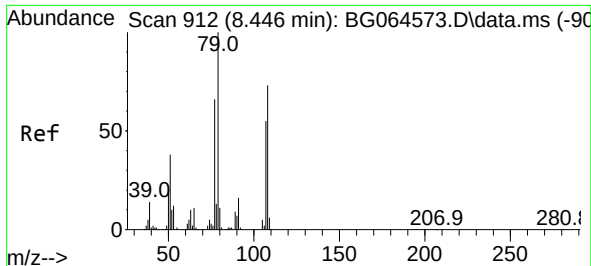
Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

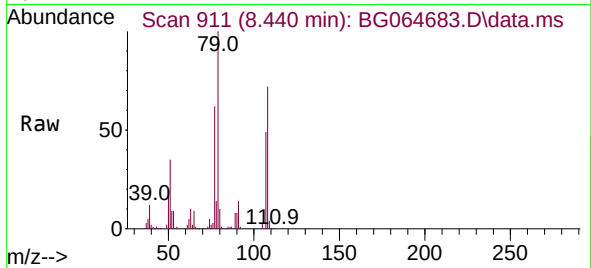
111 45.0 35.0 52.6





#15
Benzyl Alcohol
Concen: 46.963 ng
RT: 8.440 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

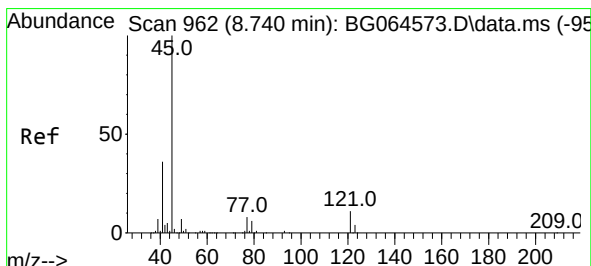
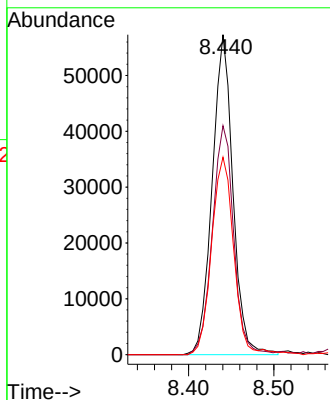
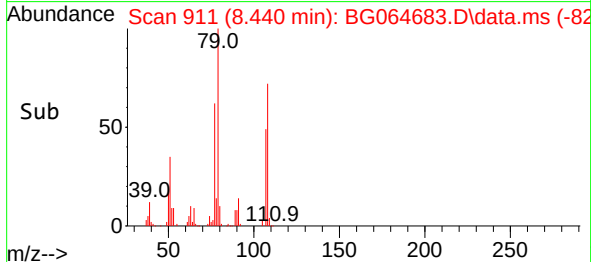
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion: 79 Resp: 96620
Ion Ratio Lower Upper
79 100
108 71.5 58.1 87.1
77 61.7 52.8 79.2

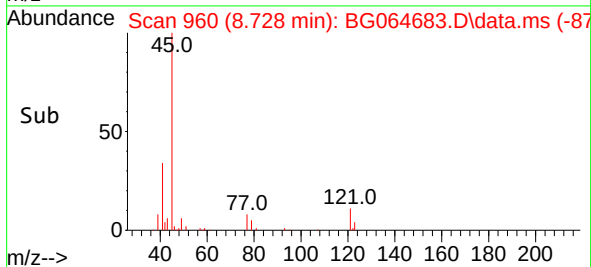
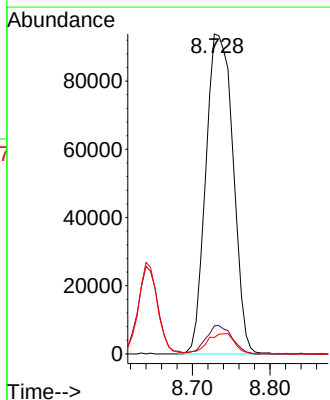
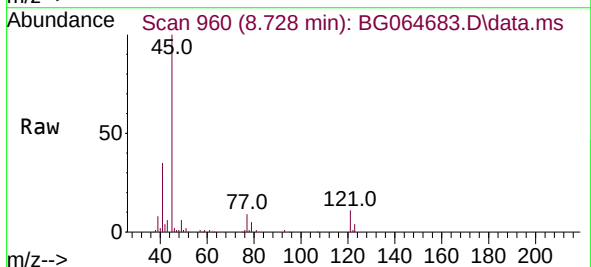
Manual Integrations
APPROVED

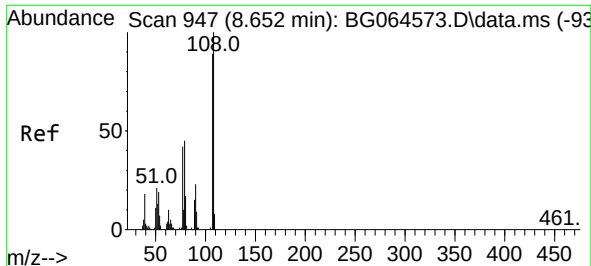
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.984 ng
RT: 8.728 min Scan# 960
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 45 Resp: 228727
Ion Ratio Lower Upper
45 100
77 8.8 0.0 28.5
79 5.2 0.0 25.6





#17

2-Methylphenol

Concen: 49.927 ng

RT: 8.646 min Scan# 94

Delta R.T. -0.006 min

Lab File: BG064683.D

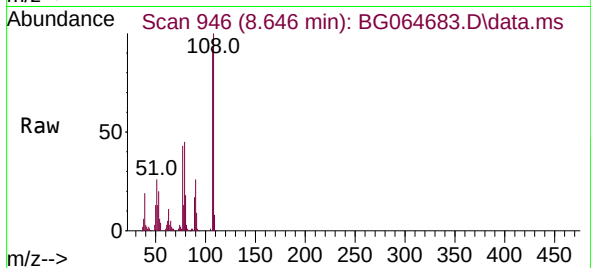
Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMS



Tgt Ion:107 Resp: 91462

Ion Ratio Lower Upper

107 100

108 109.1 90.0 135.0

77 47.4 37.8 56.8

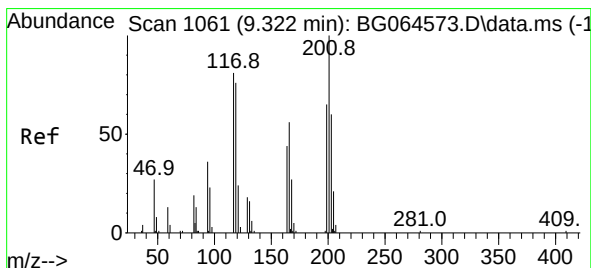
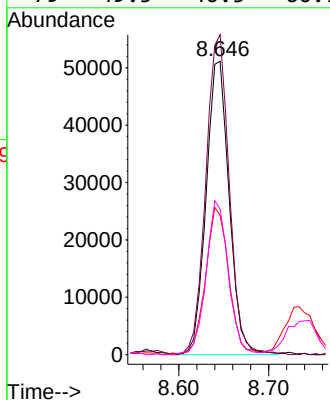
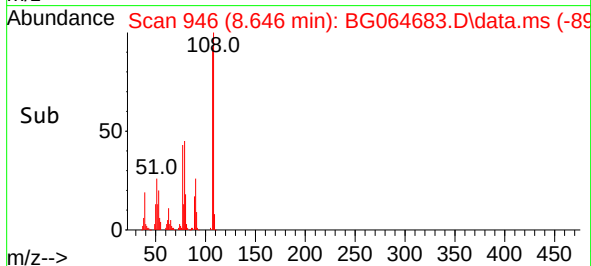
79 49.5 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 49.274 ng

RT: 9.310 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

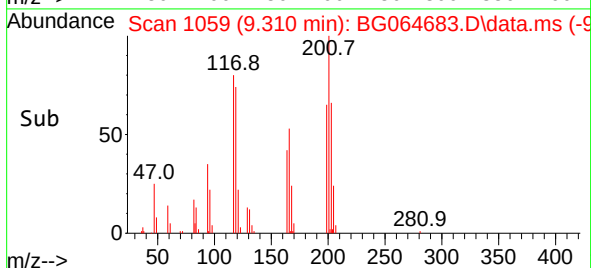
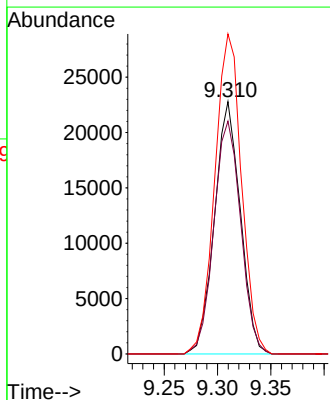
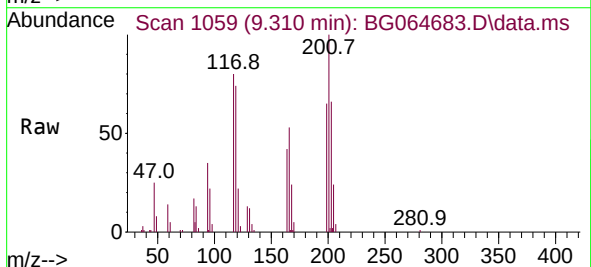
Tgt Ion:117 Resp: 38511

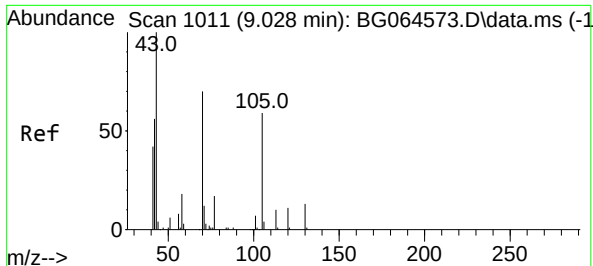
Ion Ratio Lower Upper

117 100

119 92.2 75.4 113.2

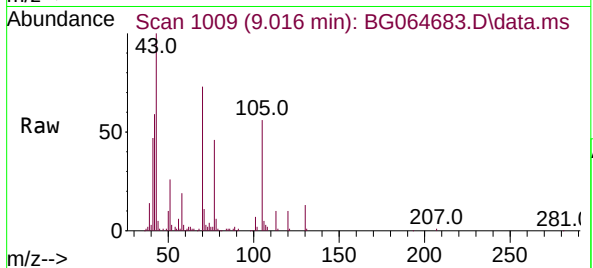
201 126.8 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.588 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

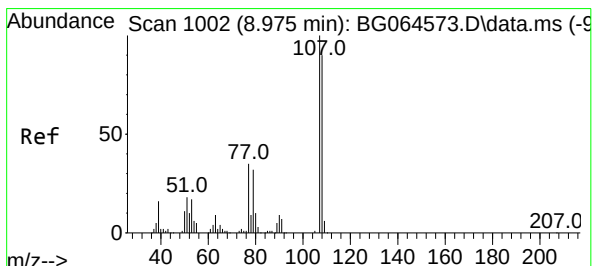
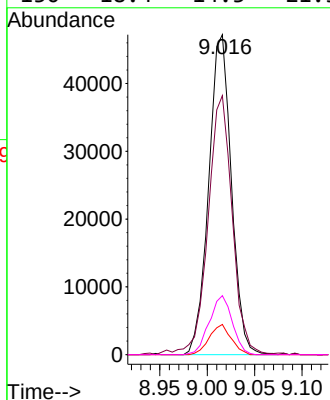
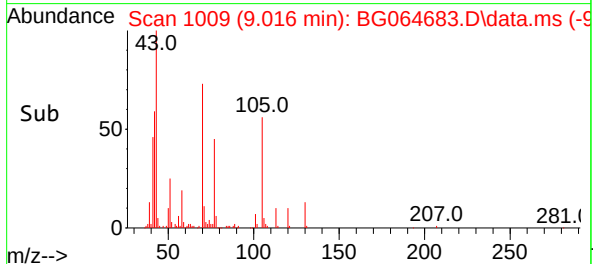
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion: 70 Resp: 78604
Ion Ratio Lower Upper
70 100
42 80.9 65.2 97.8
101 9.4 7.9 11.9
130 18.4 14.3 21.5

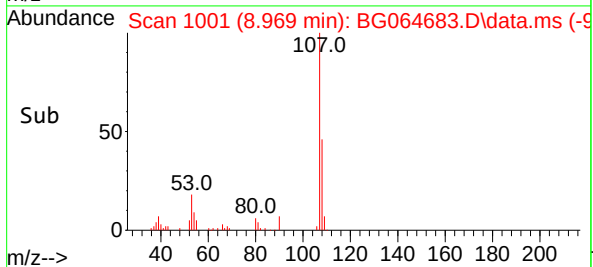
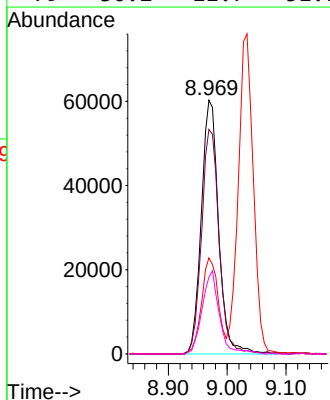
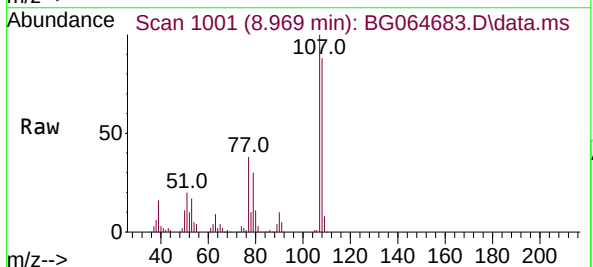
Manual Integrations
APPROVED

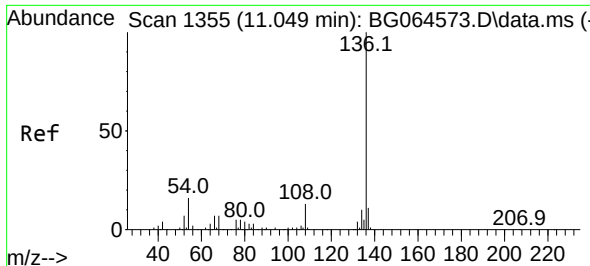
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#20
3+4-Methylphenols
Concen: 47.864 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

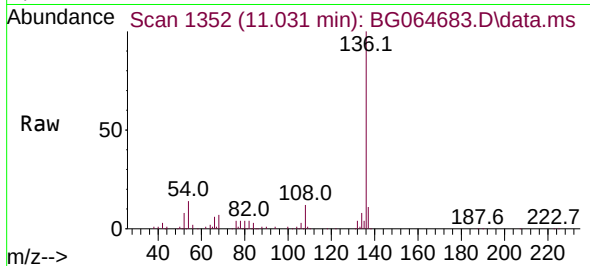
Tgt Ion:107 Resp: 123311
Ion Ratio Lower Upper
107 100
108 88.4 70.3 110.3
77 37.8 14.6 54.6
79 30.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

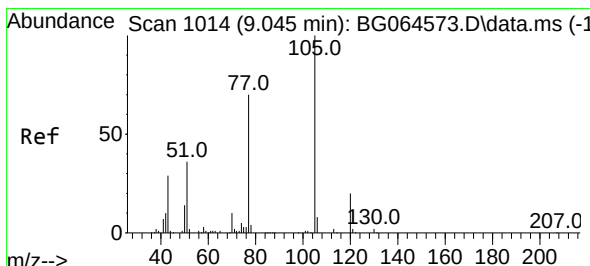
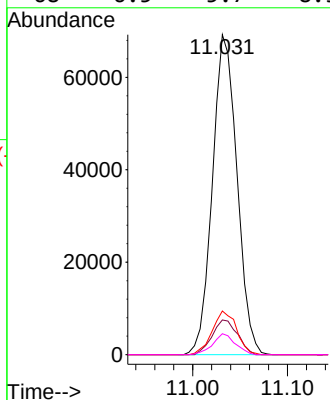
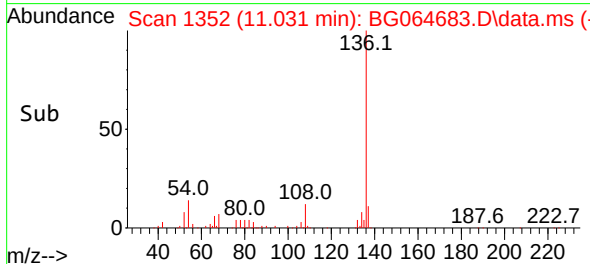
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:136 Resp: 124719
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 13.6 12.6 19.0
68 6.5 5.7 8.5

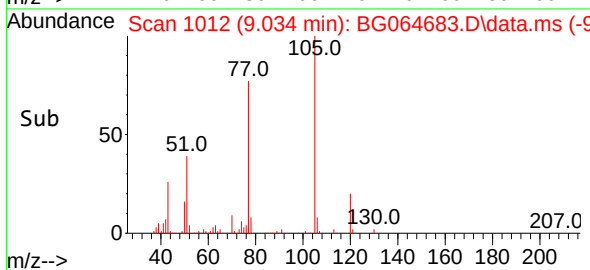
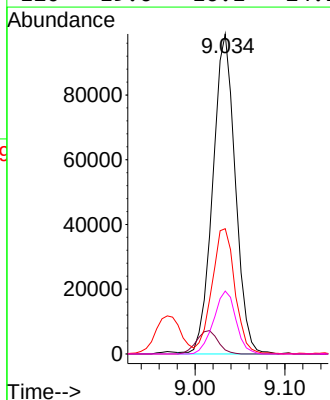
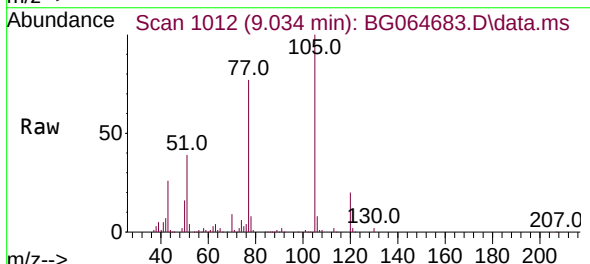
Manual Integrations
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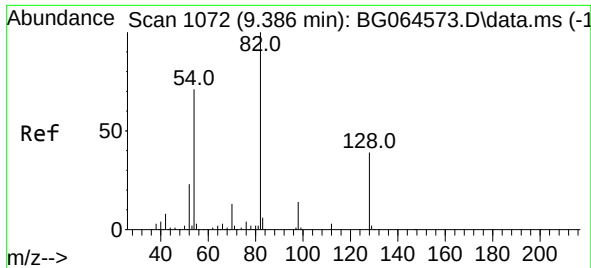
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 50.670 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

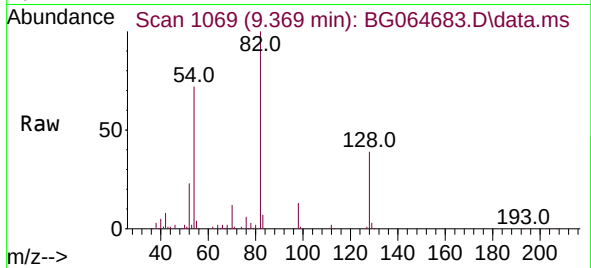
Tgt Ion:105 Resp: 172750
Ion Ratio Lower Upper
105 100
71 1.3 1.5 2.3#
51 39.1 33.7 50.5
120 19.6 16.1 24.1





#23
Nitrobenzene-d5
Concen: 68.721 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

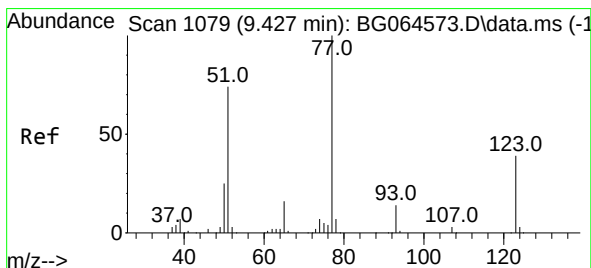
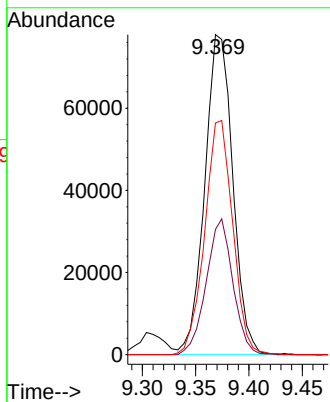
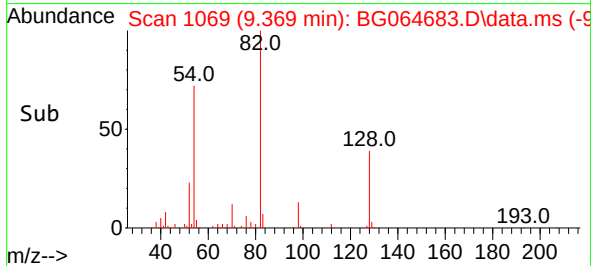
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



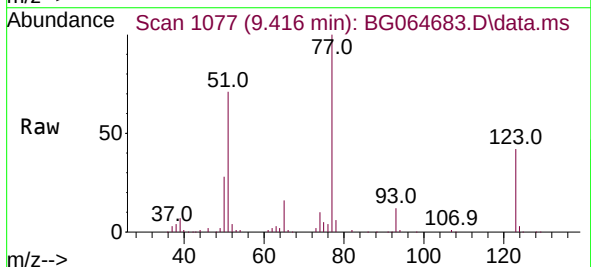
Tgt Ion: 82 Resp: 142697
Ion Ratio Lower Upper
82 100
128 39.1 31.3 46.9
54 72.4 56.6 84.8

Manual Integrations
APPROVED

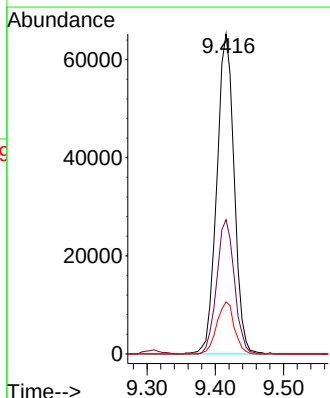
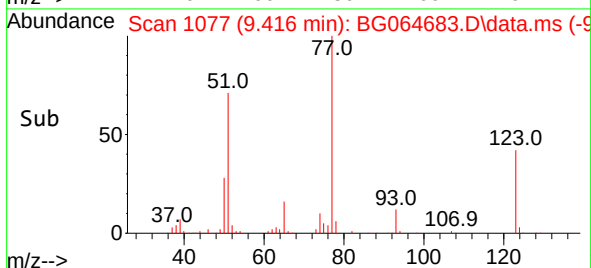
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

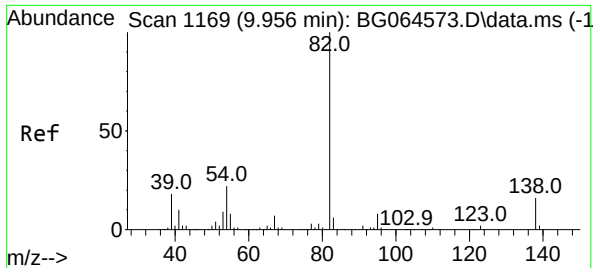


#24
Nitrobenzene
Concen: 50.775 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



Tgt Ion: 77 Resp: 114675
Ion Ratio Lower Upper
77 100
123 41.9 31.0 46.6
65 16.3 12.7 19.1





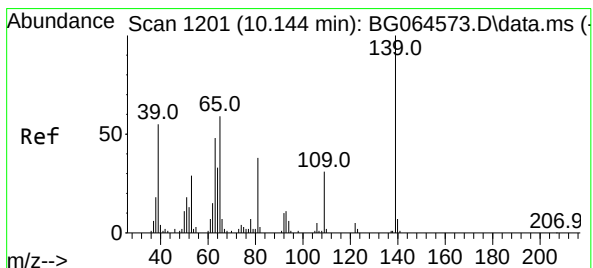
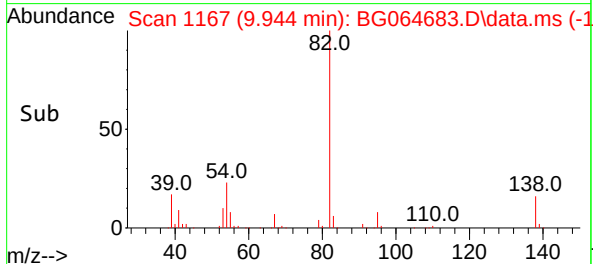
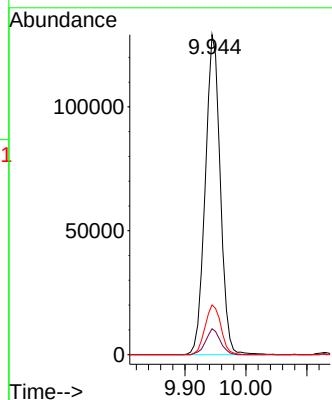
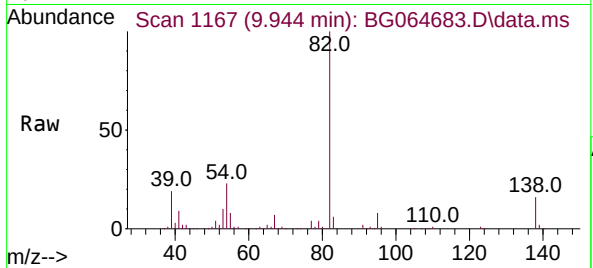
#25
Isophorone
Concen: 44.300 ng
RT: 9.944 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 82 Resp: 220732
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 15.5 13.0 19.4

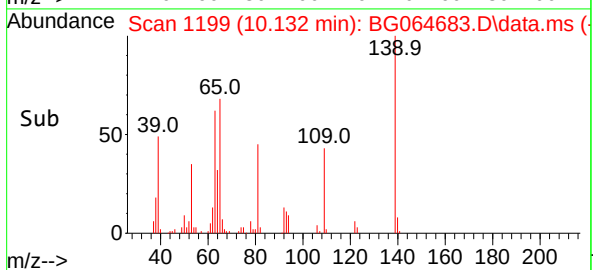
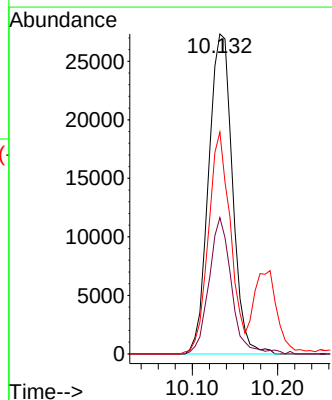
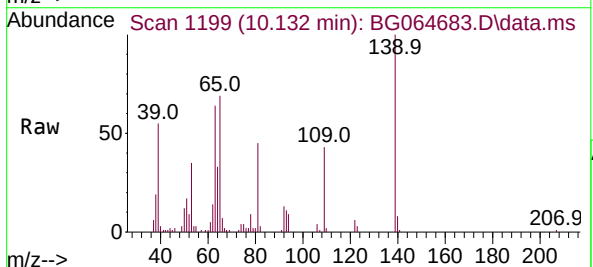
Manual Integrations
APPROVED

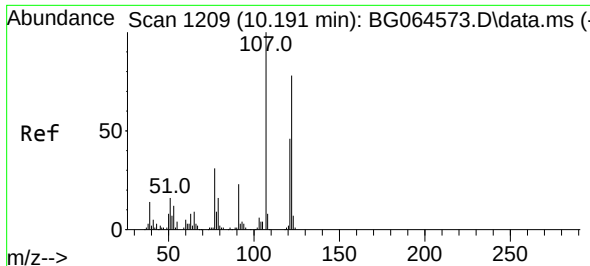
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 60.086 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

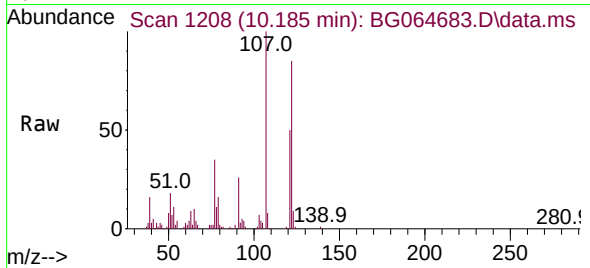
Tgt Ion:139 Resp: 53095
Ion Ratio Lower Upper
139 100
109 42.6 24.6 37.0#
65 69.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 50.644 ng
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

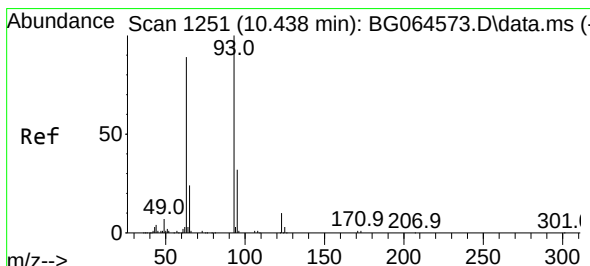
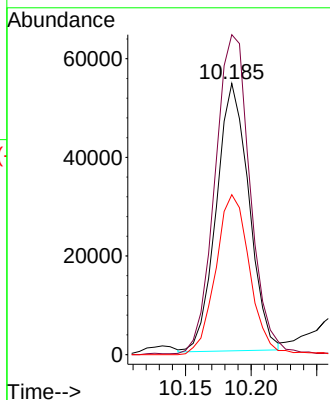
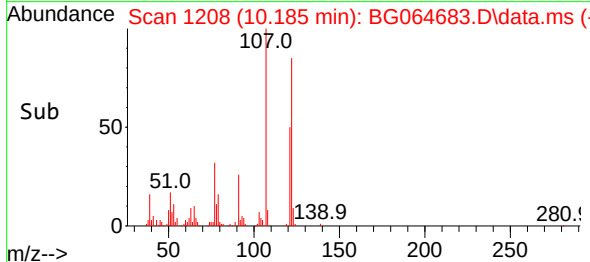
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:122 Resp: 93864
Ion Ratio Lower Upper
122 100
107 118.0 103.0 154.4
121 59.0 47.8 71.8

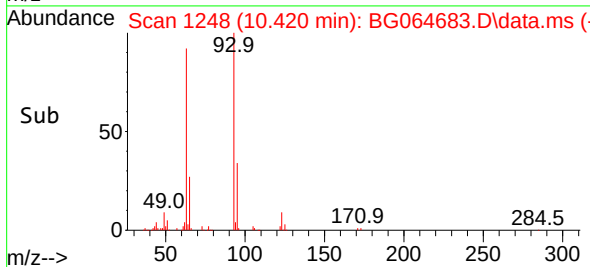
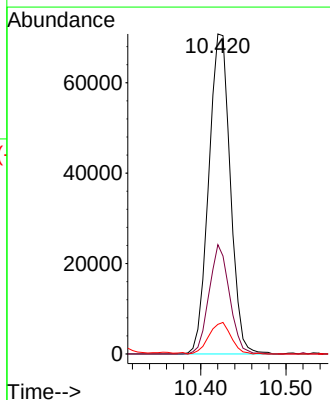
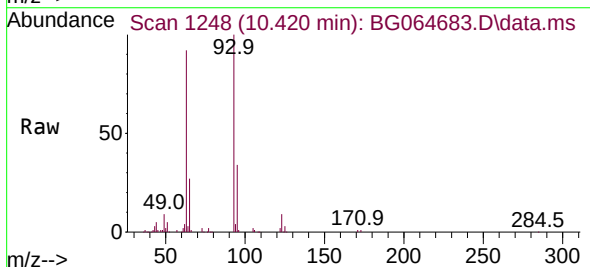
Manual Integrations
APPROVED

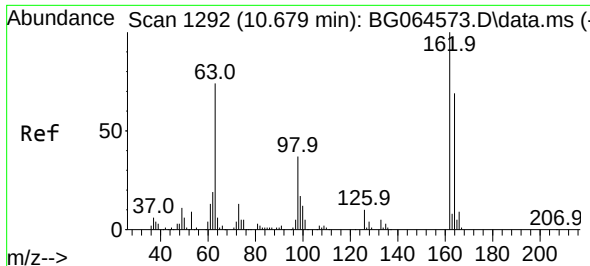
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.756 ng
RT: 10.420 min Scan# 1248
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 124132
Ion Ratio Lower Upper
93 100
95 34.1 25.4 38.2
123 9.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 53.471 ng

RT: 10.673 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BG064683.D

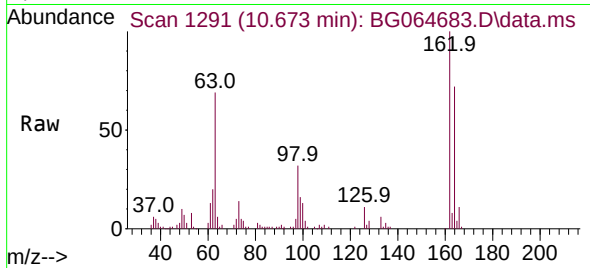
Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMS

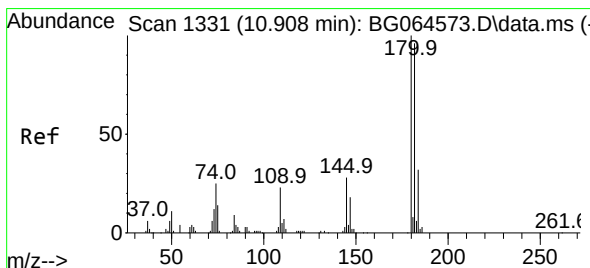
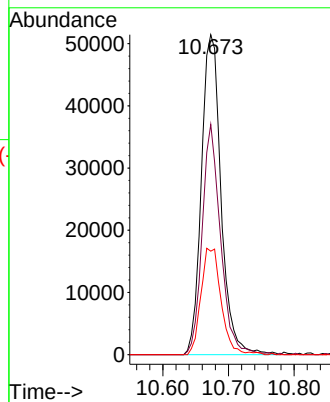
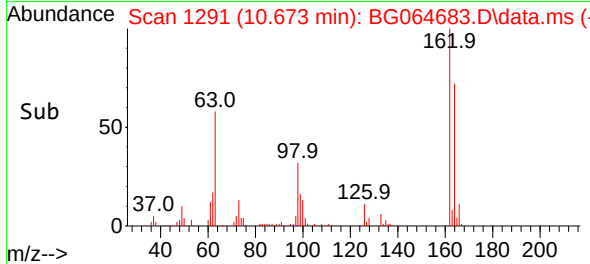


Tgt Ion:	162	Resp:	10665
Ion Ratio	Lower	Upper	
162	100		
164	71.9	48.7	88.7
98	32.3	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.832 ng

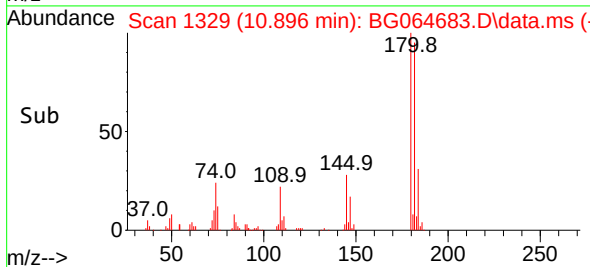
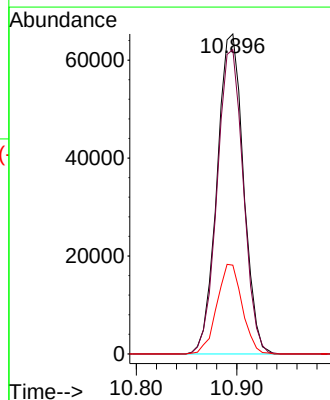
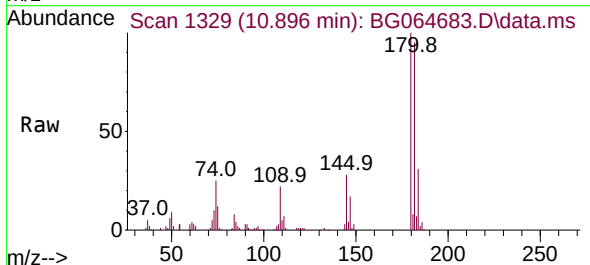
RT: 10.896 min Scan# 1329

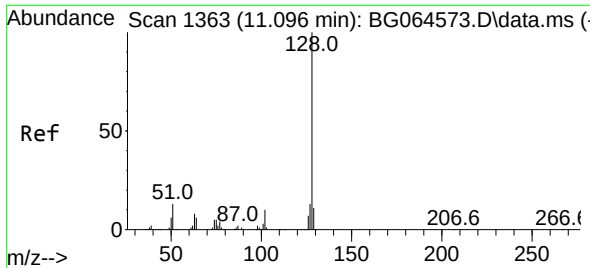
Delta R.T. -0.012 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

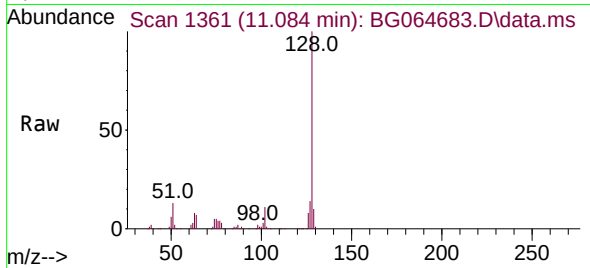
Tgt Ion:	180	Resp:	119732
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	27.7	22.1	33.1





#31
Naphthalene
Concen: 46.604 ng
RT: 11.084 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

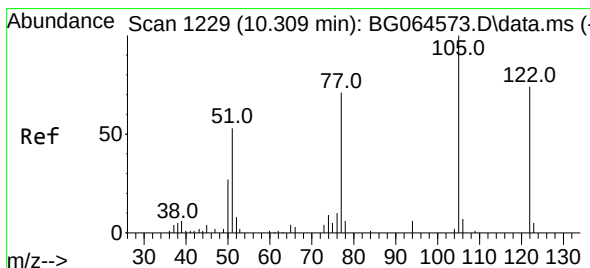
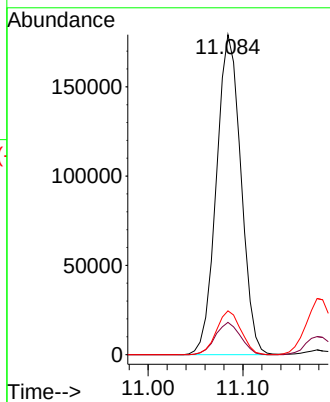
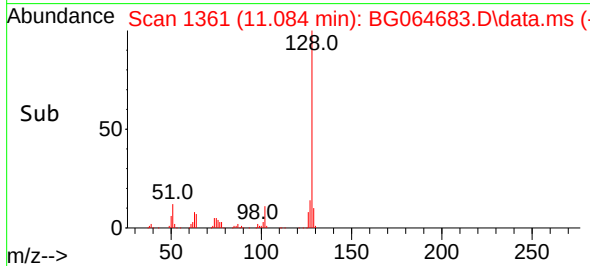
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:128 Resp: 322262
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 13.7 10.6 15.8

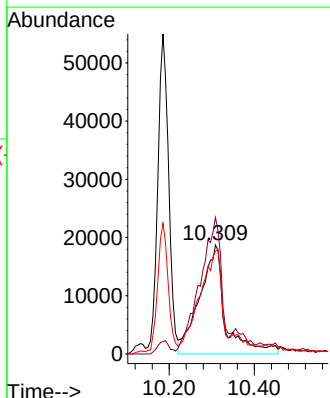
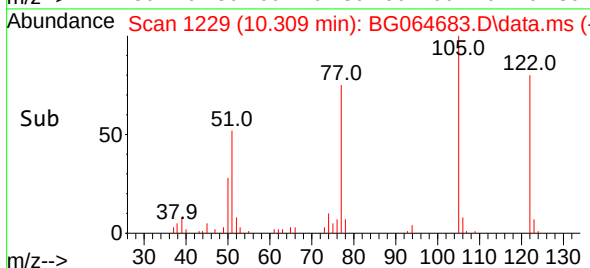
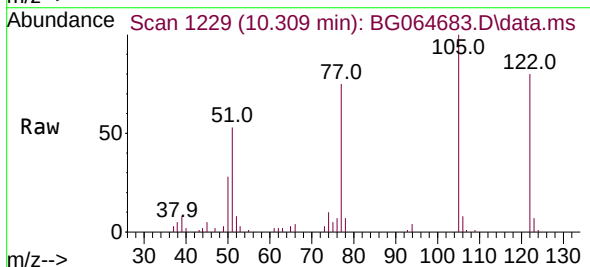
Manual Integrations
APPROVED

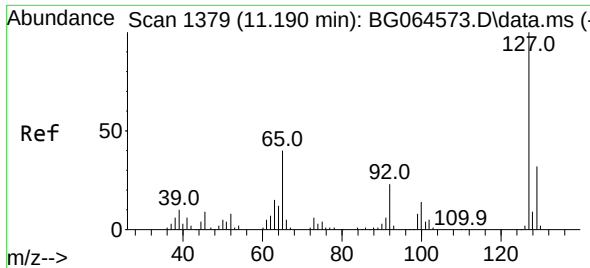
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 54.276 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:122 Resp: 78271
Ion Ratio Lower Upper
122 100
105 125.3 104.2 144.2
77 94.5 70.2 110.2





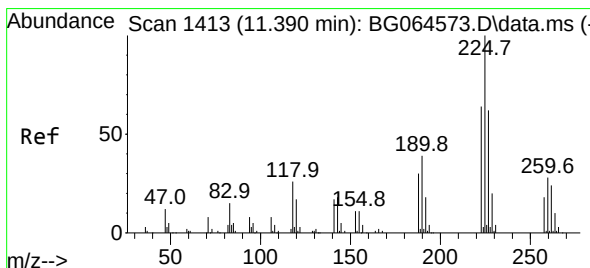
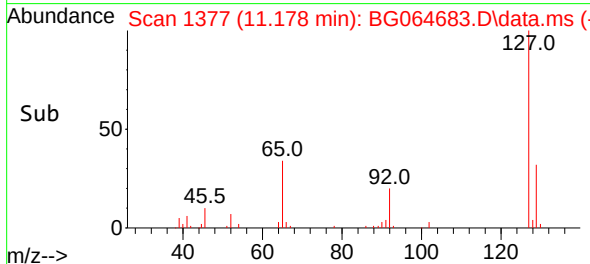
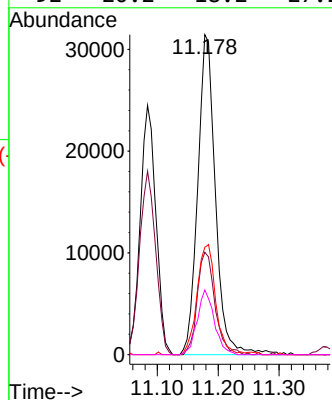
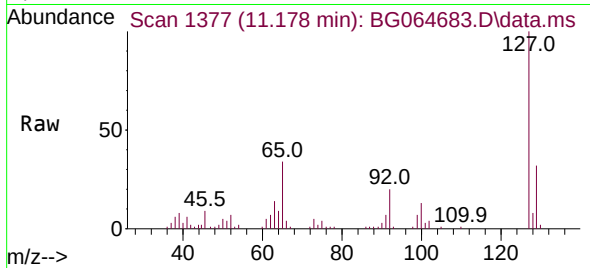
#33
4-Chloroaniline
Concen: 23.628 ng
RT: 11.178 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:127	Resp: 63504
Ion Ratio	Lower Upper
127 100	
129 32.0	25.5 38.3
65 33.5	32.2 48.4
92 20.2	18.2 27.2

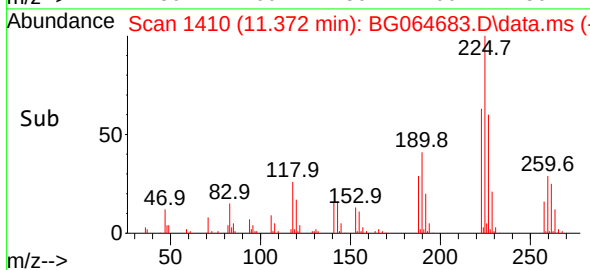
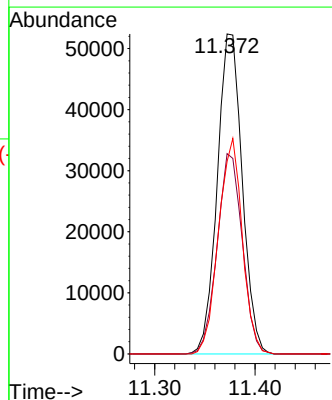
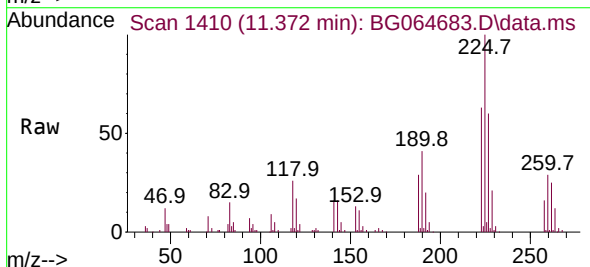
Manual Integrations
APPROVED

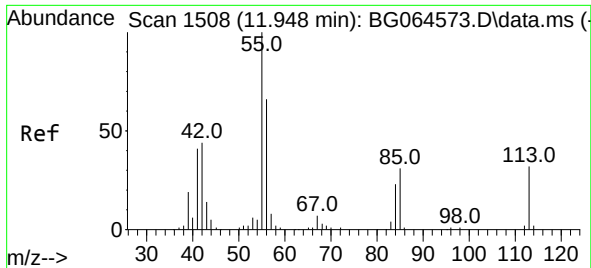
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 51.204 ng
RT: 11.372 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:225	Resp: 90752
Ion Ratio	Lower Upper
225 100	
223 59.6	48.8 73.2
227 59.6	49.5 74.3





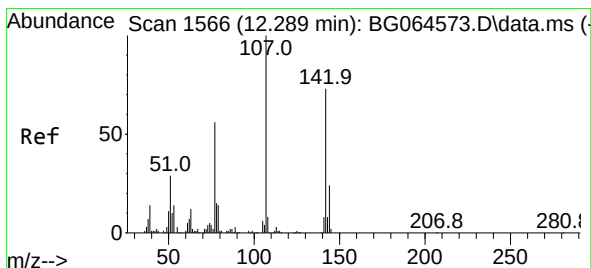
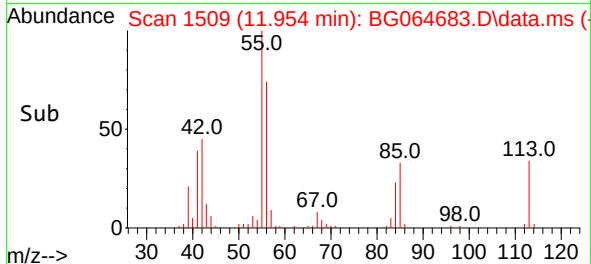
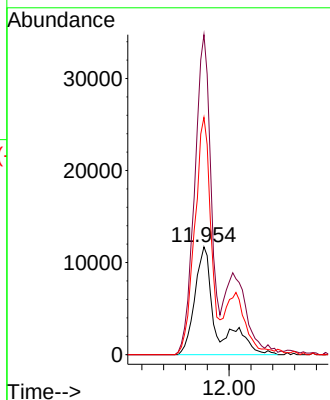
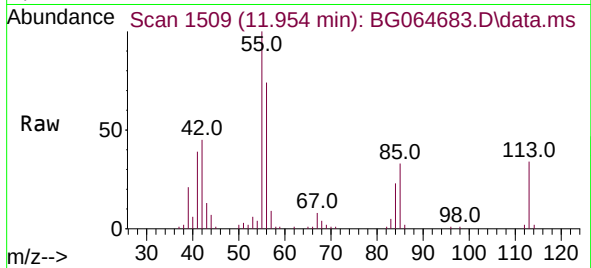
#35
Caprolactam
Concen: 41.620 ng m
RT: 11.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:113 Resp: 31840
Ion Ratio Lower Upper
113 100
55 296.9 290.1 330.1
56 220.0 183.8 223.8

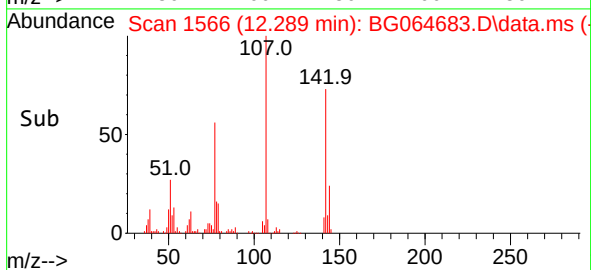
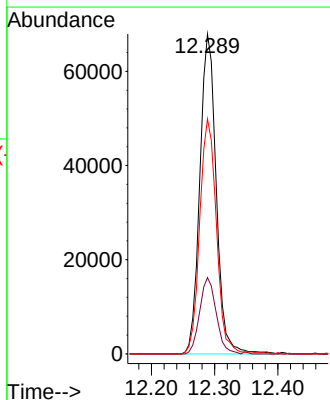
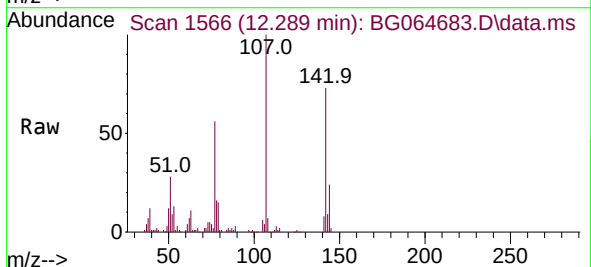
Manual Integrations
APPROVED

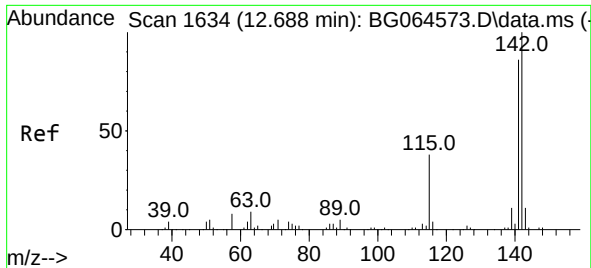
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 50.941 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

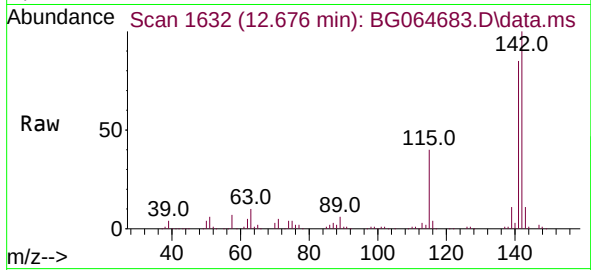
Tgt Ion:107 Resp: 122135
Ion Ratio Lower Upper
107 100
144 23.8 19.1 28.7
142 73.4 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.723 ng
RT: 12.676 min Scan# 1632
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

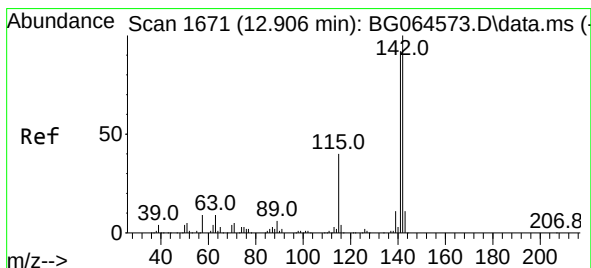
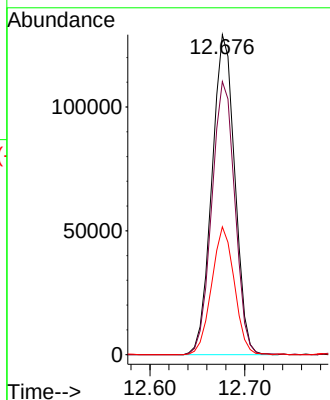
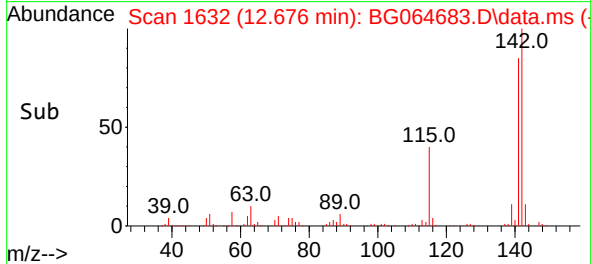
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



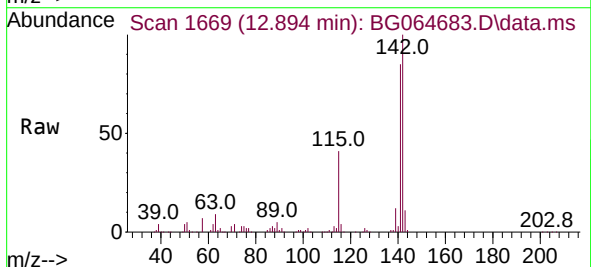
Tgt Ion:142 Resp: 216894
Ion Ratio Lower Upper
142 100
141 85.3 68.9 103.3
115 39.9 30.6 46.0

Manual Integrations
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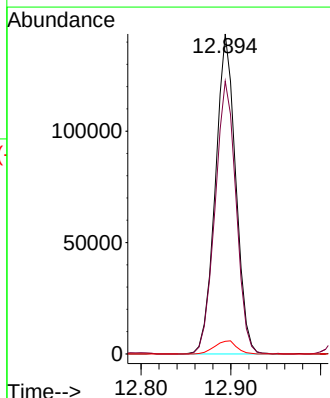
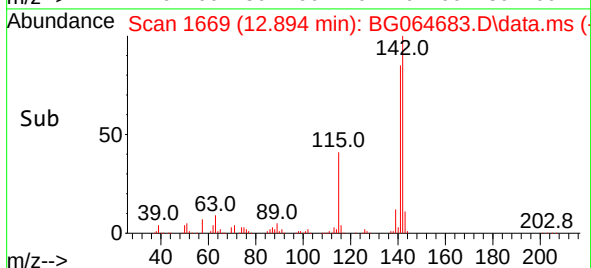
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

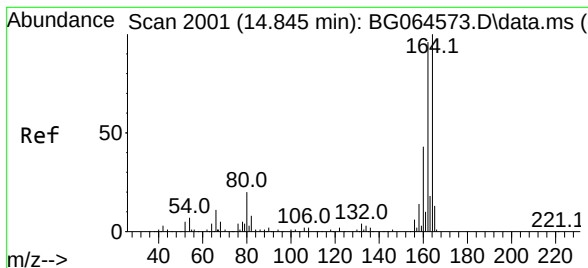


#38
1-Methylnaphthalene
Concen: 45.150 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



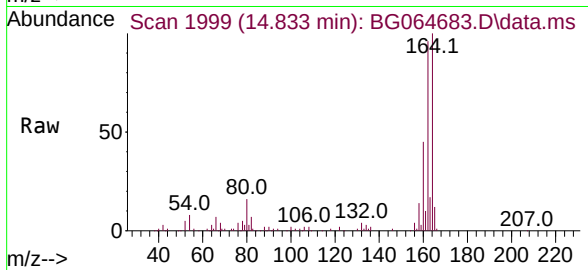
Tgt Ion:142 Resp: 226918
Ion Ratio Lower Upper
142 100
141 85.2 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

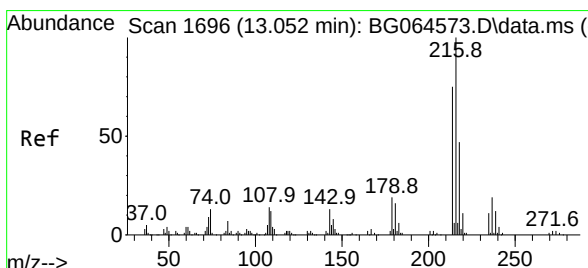
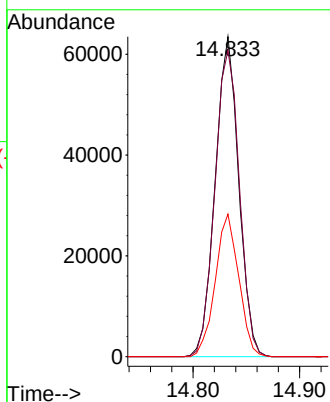
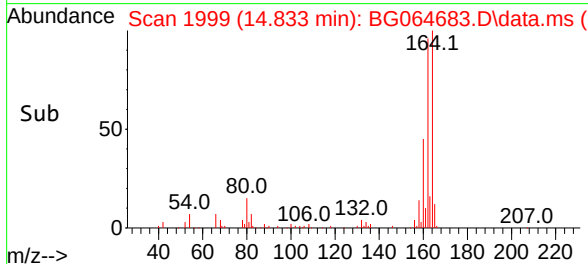
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:164 Resp: 97711
Ion Ratio Lower Upper
164 100
162 95.7 77.0 115.6
160 44.5 34.4 51.6

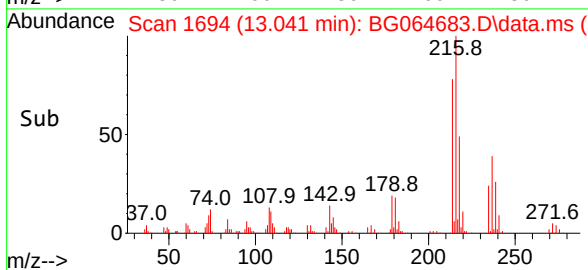
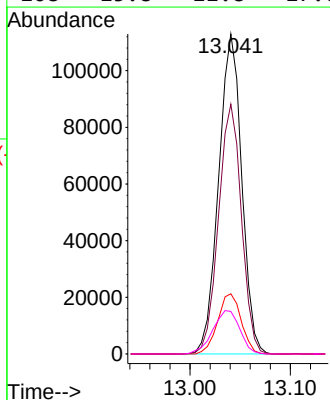
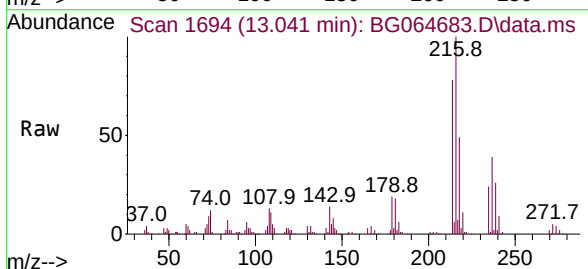
Manual Integrations
APPROVED

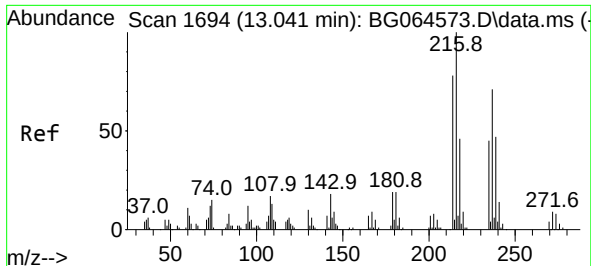
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.094 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

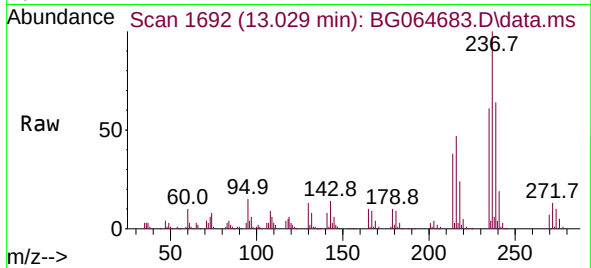
Tgt Ion:216 Resp: 180666
Ion Ratio Lower Upper
216 100
214 77.2 61.4 92.2
179 19.1 15.4 23.0
108 15.8 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 148.003 ng
RT: 13.029 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

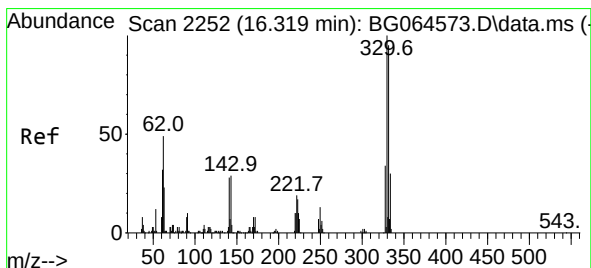
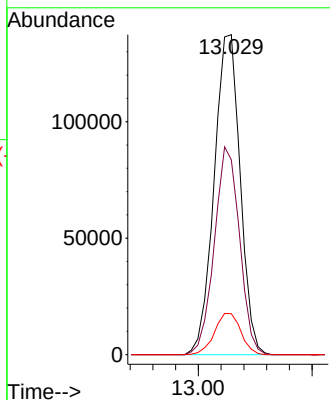
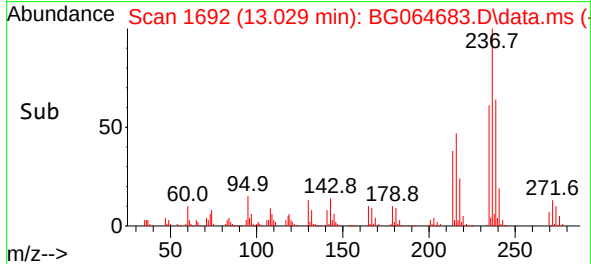
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:237 Resp: 218454
Ion Ratio Lower Upper
237 100
235 60.9 44.1 84.1
272 12.8 0.0 32.4

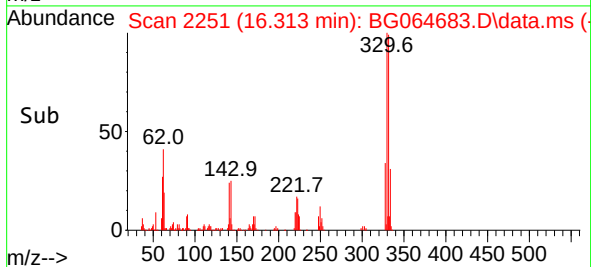
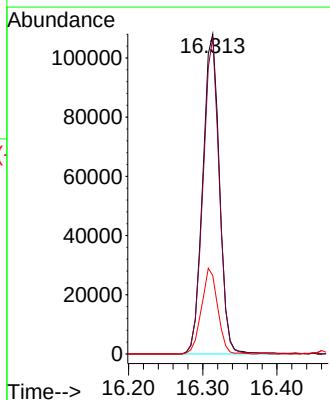
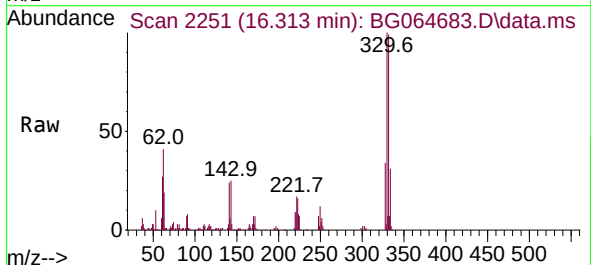
Manual Integrations
APPROVED

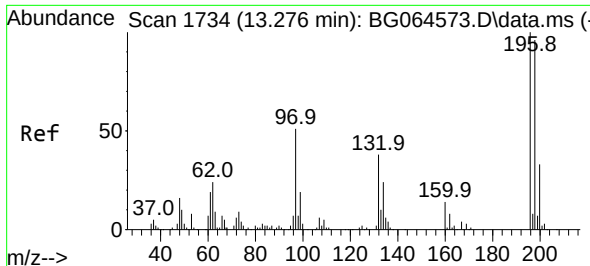
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 119.181 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

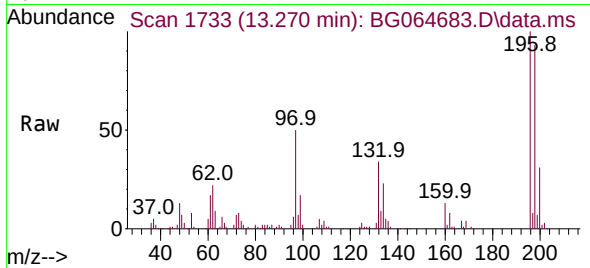
Tgt Ion:330 Resp: 168077
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 26.0 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 54.754 ng
RT: 13.270 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

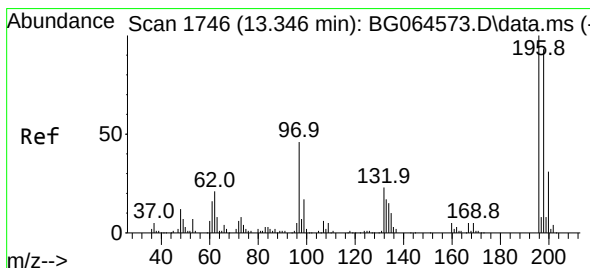
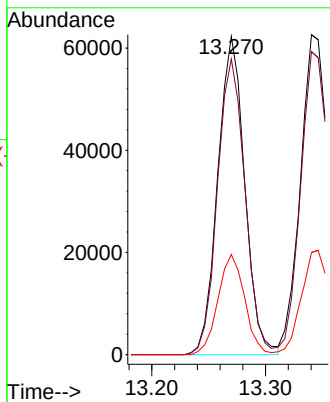
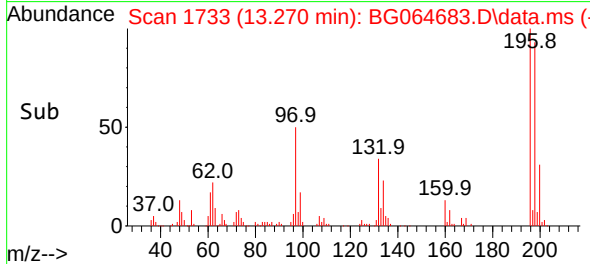
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:196 Resp: 102706
Ion Ratio Lower Upper
196 100
198 92.9 76.6 115.0
200 31.5 26.0 39.0

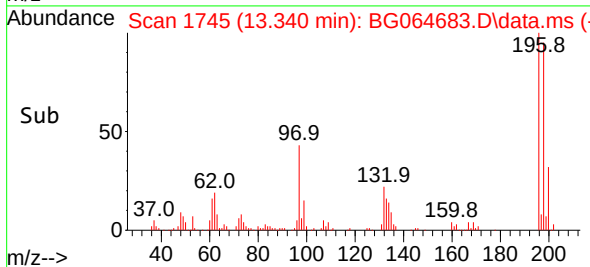
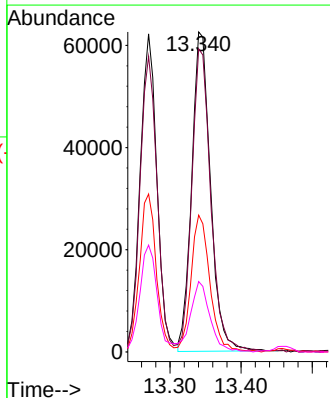
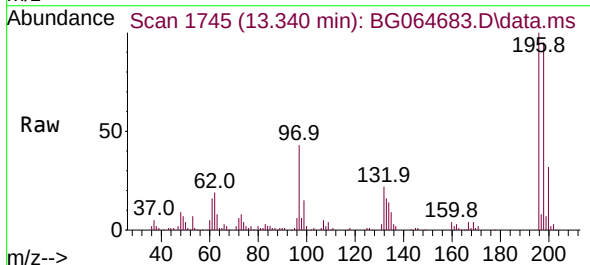
Manual Integrations
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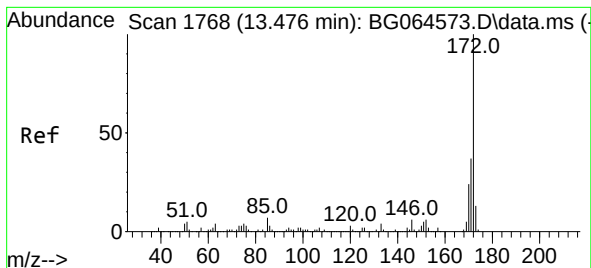
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 53.043 ng
RT: 13.340 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:196 Resp: 114818
Ion Ratio Lower Upper
196 100
198 94.7 74.2 111.4
97 42.7 37.0 55.6
132 22.0 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 59.531 ng

RT: 13.458 min Scan# 1765

Delta R.T. -0.018 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:172 Resp: 383758

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

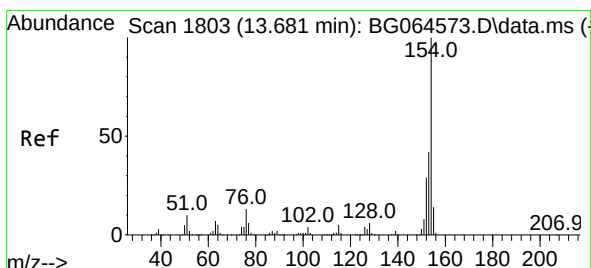
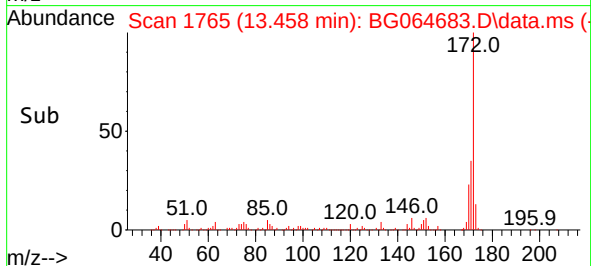
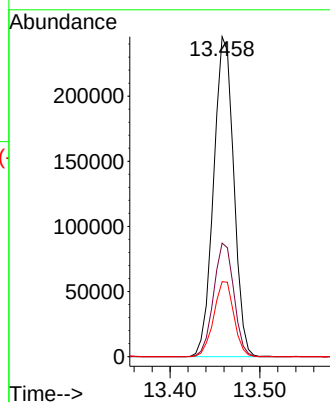
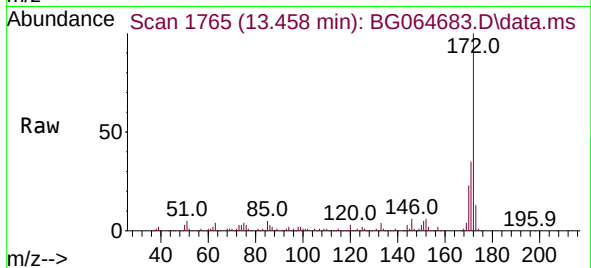
170 23.4 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 52.617 ng

RT: 13.669 min Scan# 1801

Delta R.T. -0.012 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

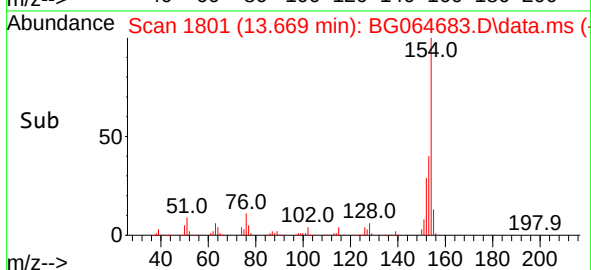
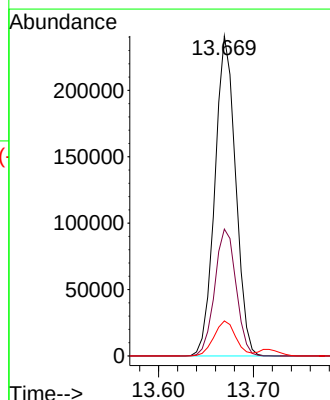
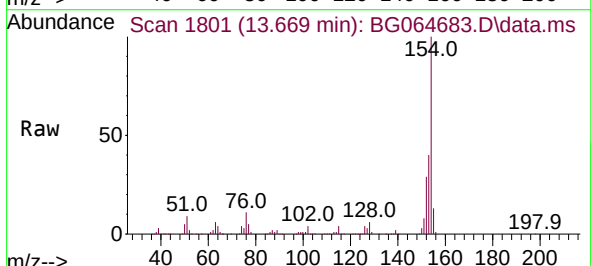
Tgt Ion:154 Resp: 365511

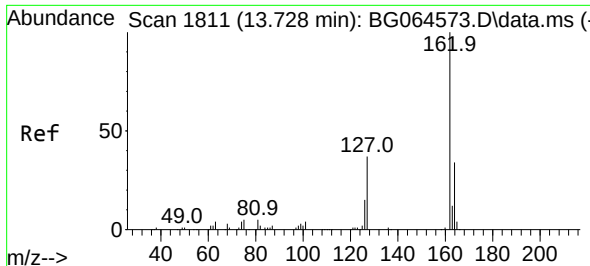
Ion Ratio Lower Upper

154 100

153 39.6 22.4 62.4

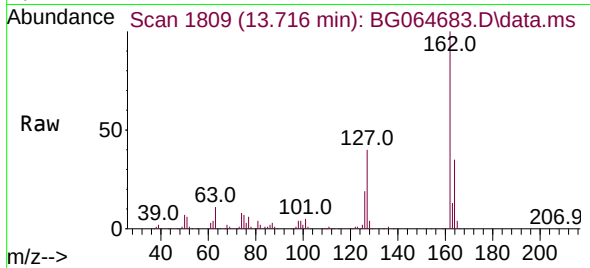
76 10.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.128 ng
RT: 13.716 min Scan# 1811
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

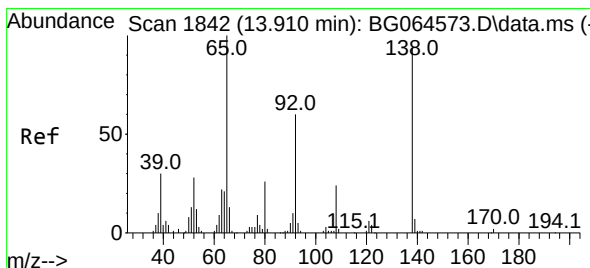
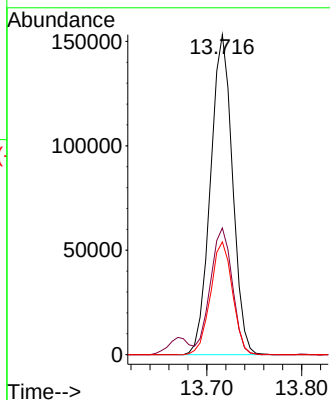
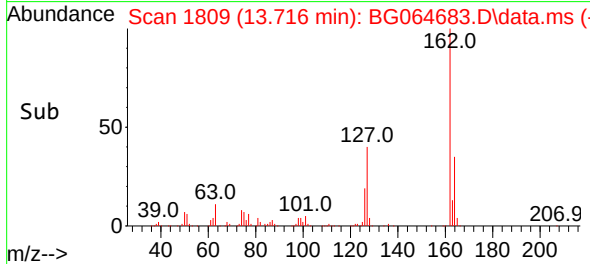
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:162 Resp: 247117
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 35.2 27.5 41.3

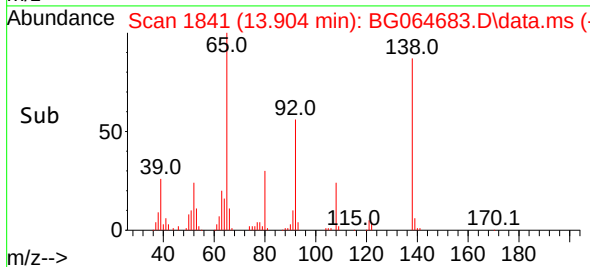
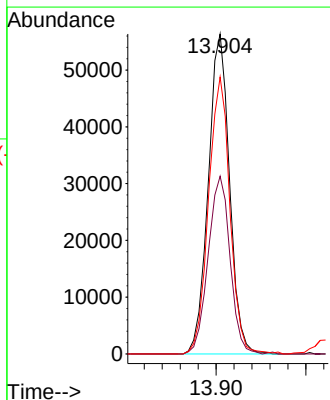
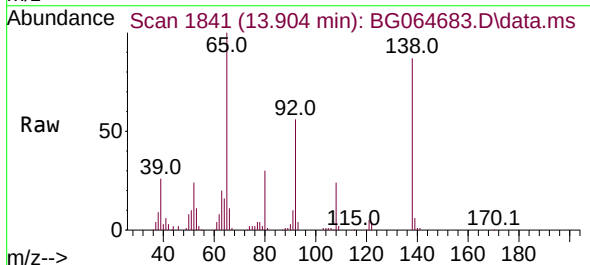
Manual Integrations
APPROVED

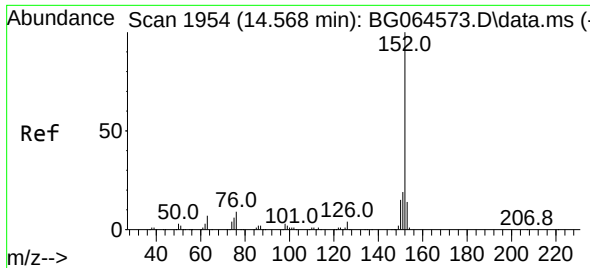
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 52.456 ng
RT: 13.904 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

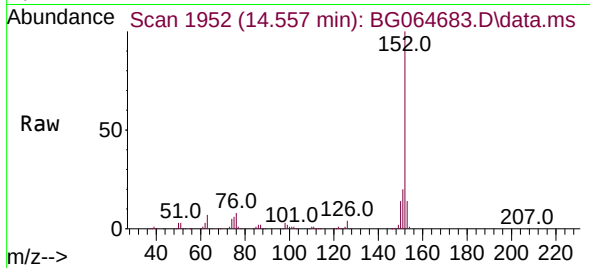
Tgt Ion: 65 Resp: 92902
Ion Ratio Lower Upper
65 100
92 55.5 48.3 72.5
138 86.5 74.9 112.3





#49
Acenaphthylene
Concen: 54.110 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

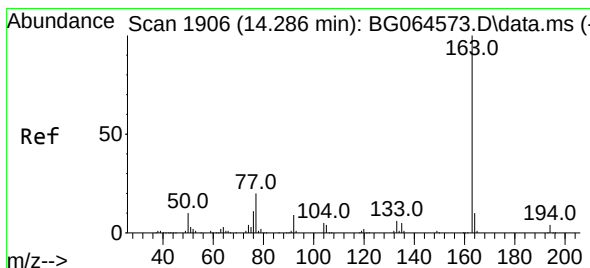
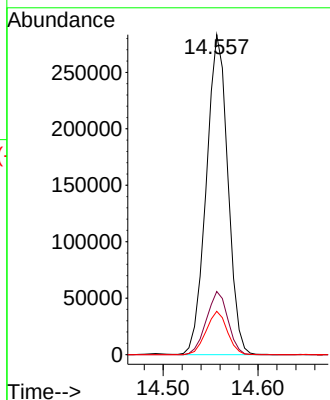
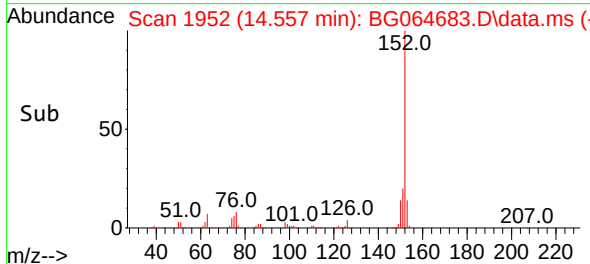
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



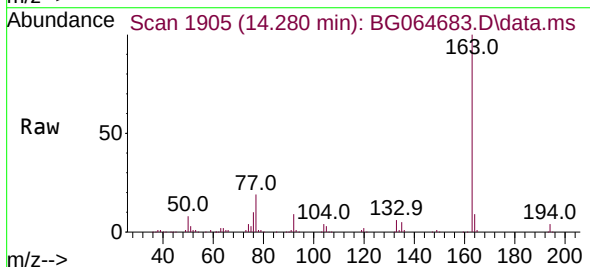
Tgt Ion:152 Resp: 447526
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.5 11.0 16.4

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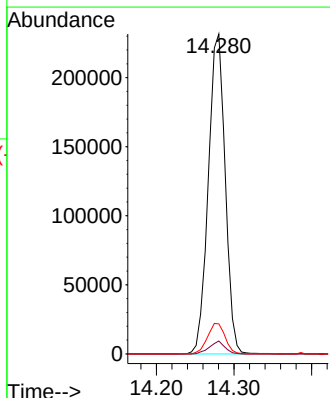
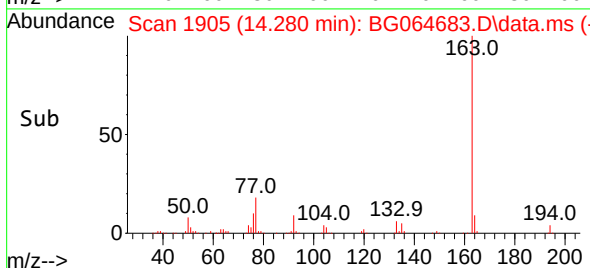
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

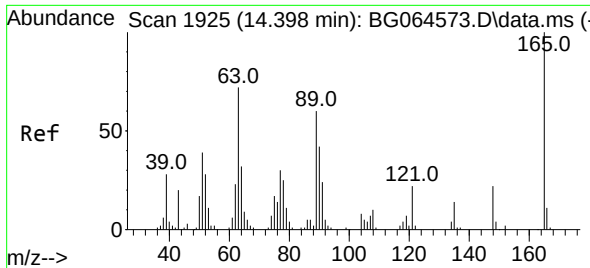


#50
Dimethylphthalate
Concen: 46.888 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



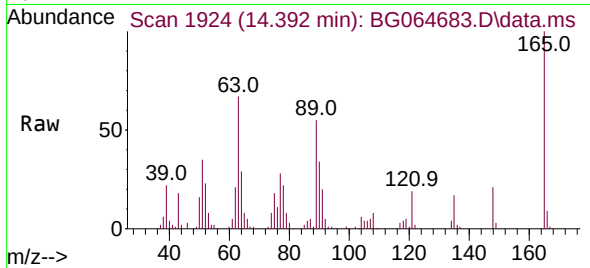
Tgt Ion:163 Resp: 350578
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.4 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 57.691 ng
RT: 14.392 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

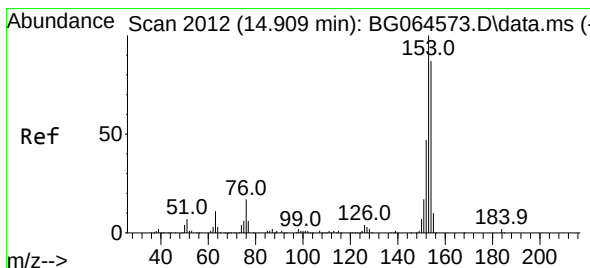
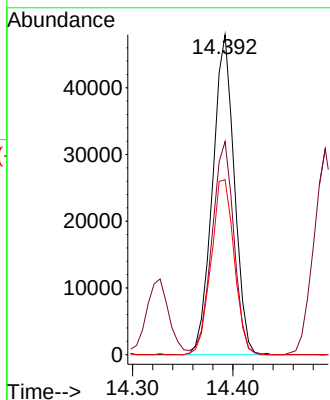
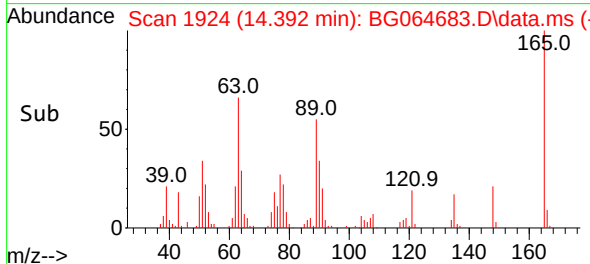
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



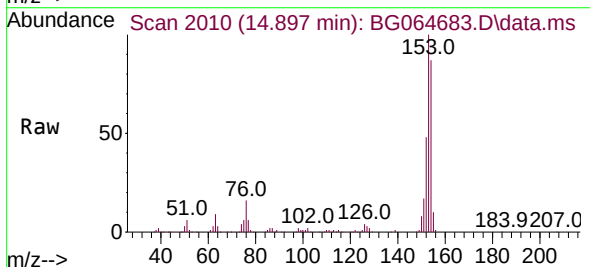
Tgt Ion:165 Resp: 72025
Ion Ratio Lower Upper
165 100
63 66.6 57.4 86.0
89 54.7 47.8 71.8

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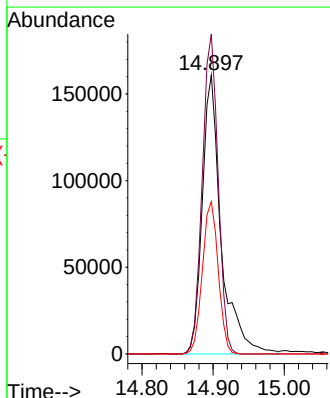
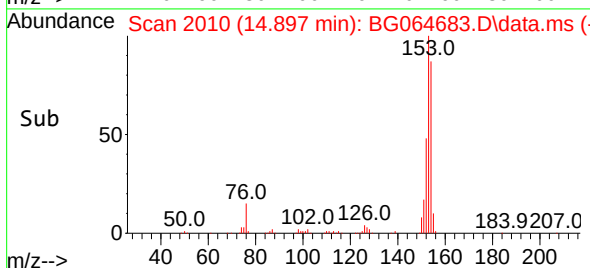
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

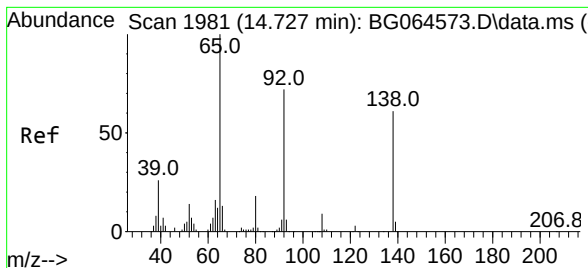


#52
Acenaphthene
Concen: 52.462 ng
RT: 14.897 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



Tgt Ion:154 Resp: 296446
Ion Ratio Lower Upper
154 100
153 114.8 92.2 138.4
152 54.6 43.2 64.8





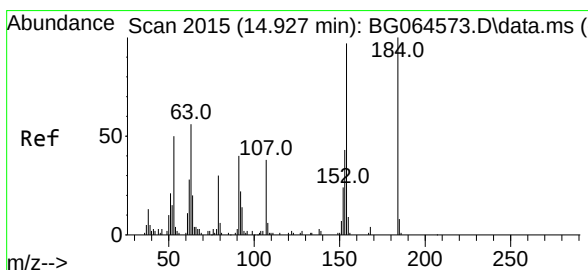
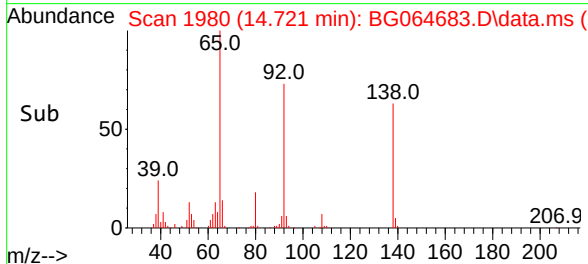
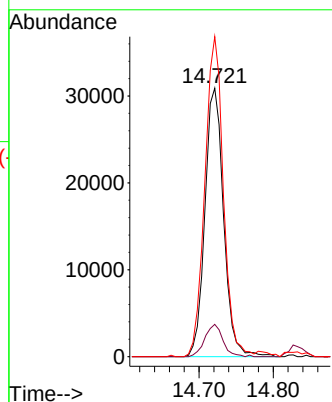
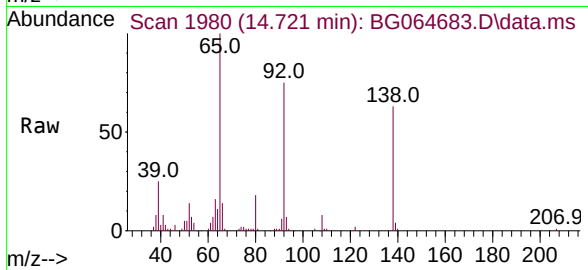
#53
3-Nitroaniline
Concen: 42.124 ng
RT: 14.721 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:138 Resp: 54127
Ion Ratio Lower Upper
138 100
108 12.0 11.4 17.0
92 119.2 95.3 142.9

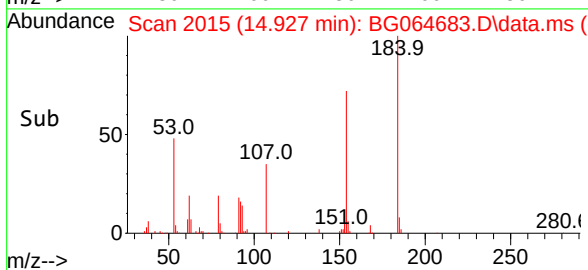
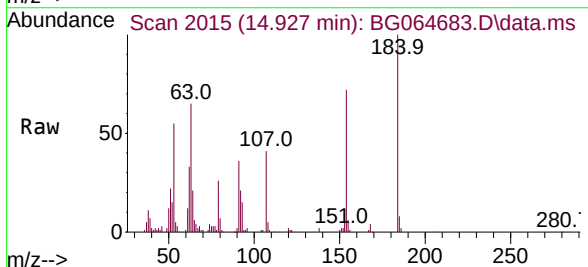
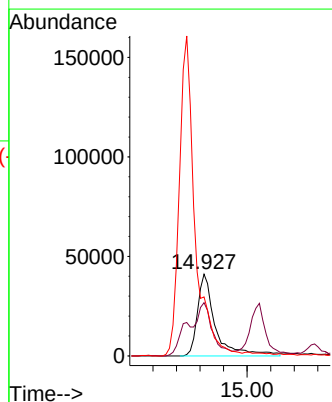
Manual Integrations
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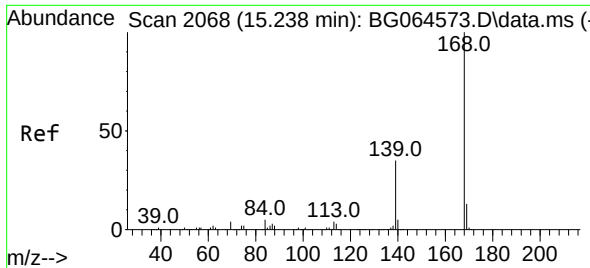
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 112.166 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

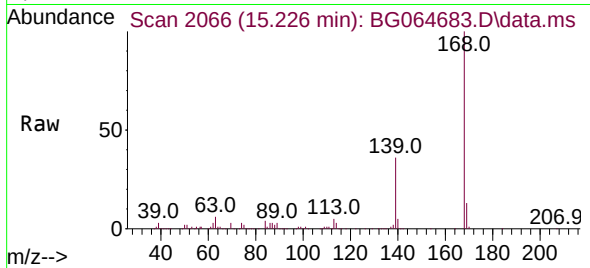
Tgt Ion:184 Resp: 86735
Ion Ratio Lower Upper
184 100
63 65.1 56.6 85.0
154 72.2 158.6 238.0#





#55
Dibenzenofuran
Concen: 47.784 ng
RT: 15.226 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

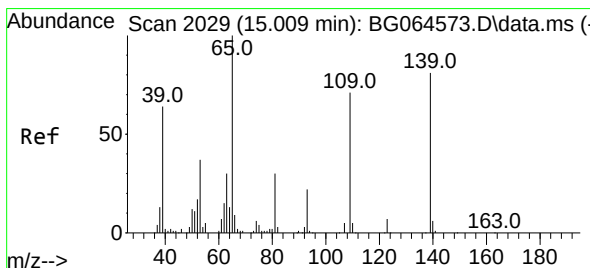
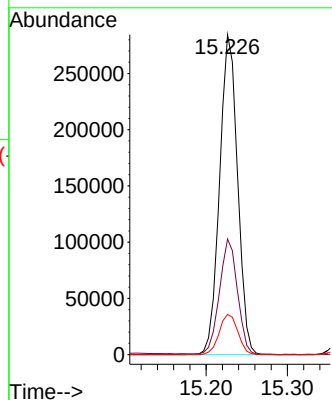
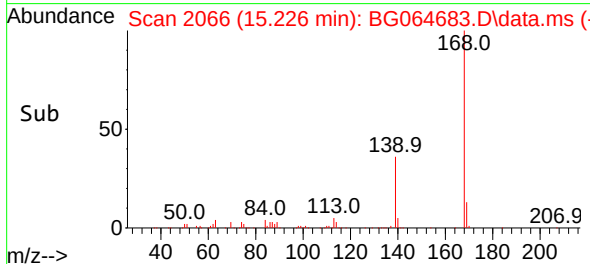
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:168 Resp: 436524
Ion Ratio Lower Upper
168 100
139 36.2 27.8 41.8
169 12.5 10.3 15.5

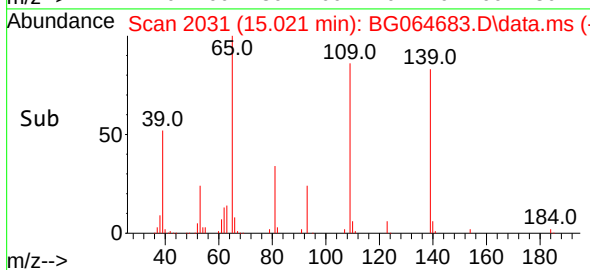
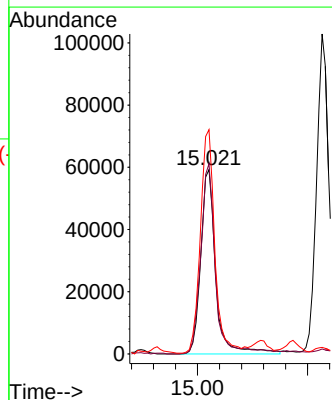
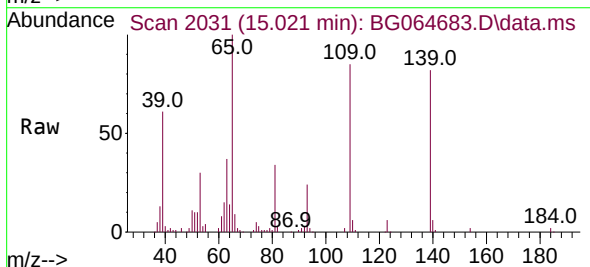
Manual Integrations
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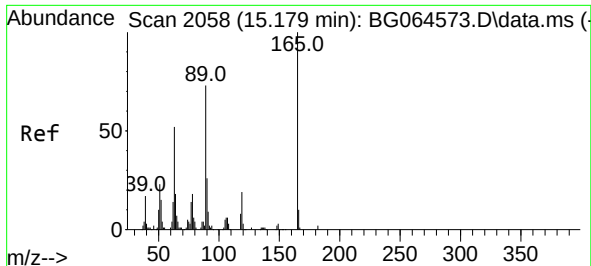
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 93.749 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

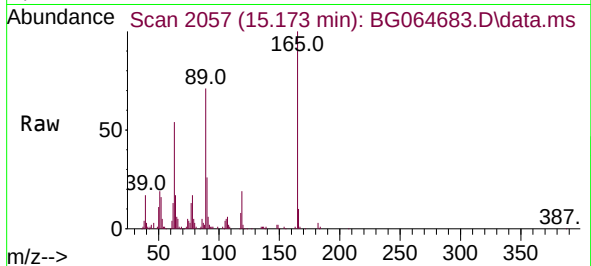
Tgt Ion:139 Resp: 111684
Ion Ratio Lower Upper
139 100
109 103.2 67.8 107.8
65 121.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 55.766 ng
RT: 15.173 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

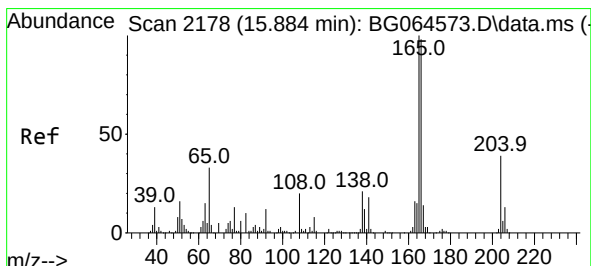
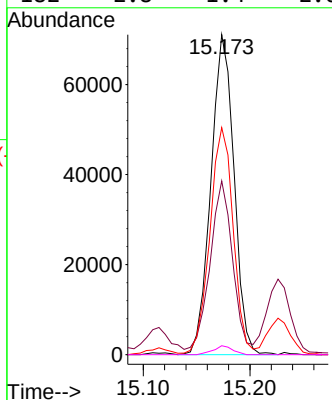
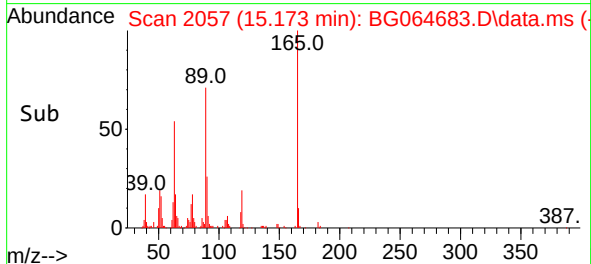
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:165 Resp: 107372
Ion Ratio Lower Upper
165 100
63 54.3 41.8 62.8
89 70.9 58.1 87.1
182 2.8 1.4 2.0#

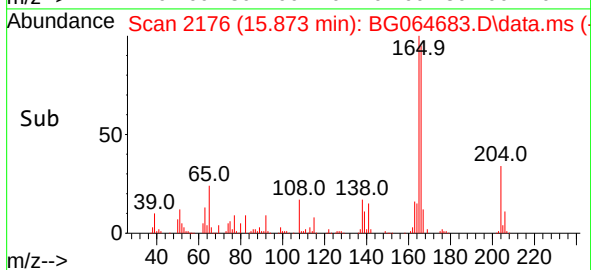
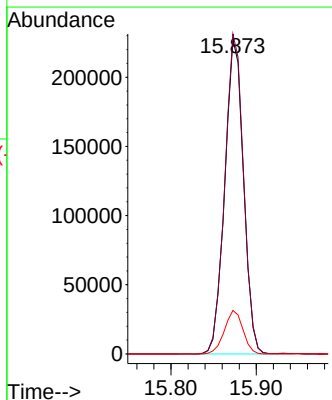
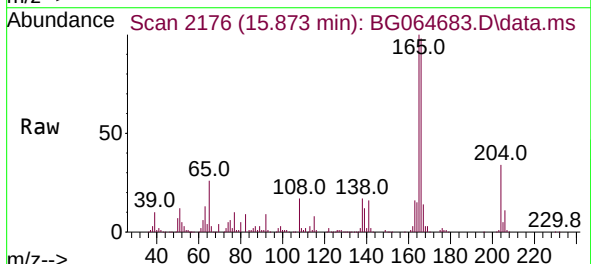
Manual Integrations
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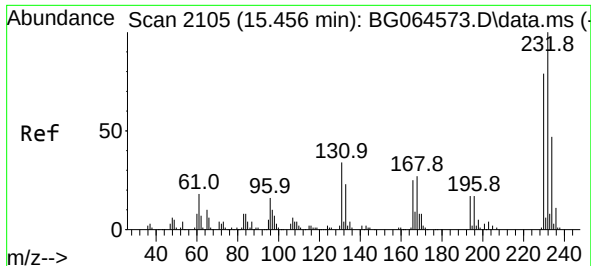
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 48.619 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

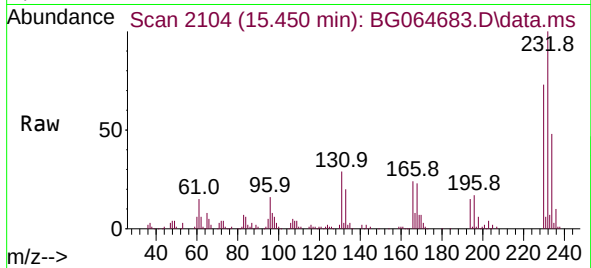
Tgt Ion:166 Resp: 346869
Ion Ratio Lower Upper
166 100
165 101.7 81.5 122.3
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.825 ng
RT: 15.450 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

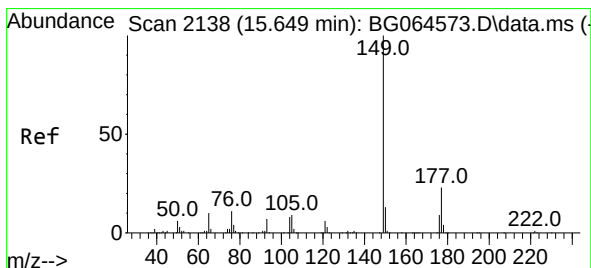
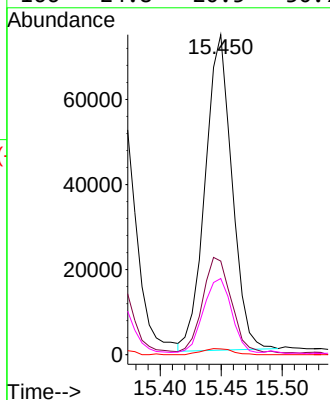
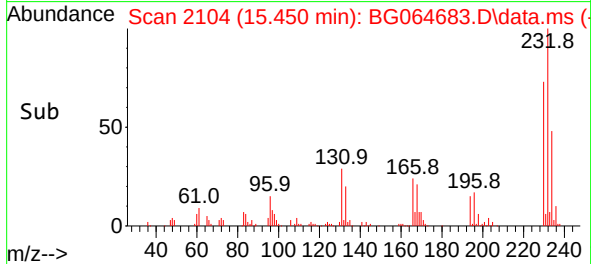
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:232 Resp: 113483
Ion Ratio Lower Upper
232 100
131 33.1 26.7 40.1
130 2.2 1.6 2.4
166 24.8 20.5 30.7

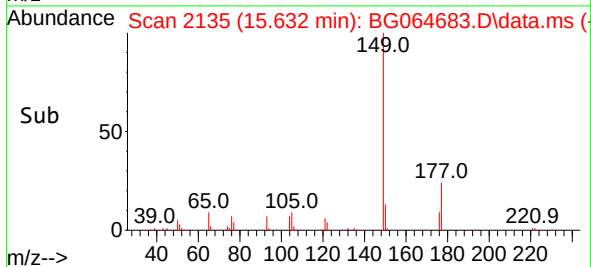
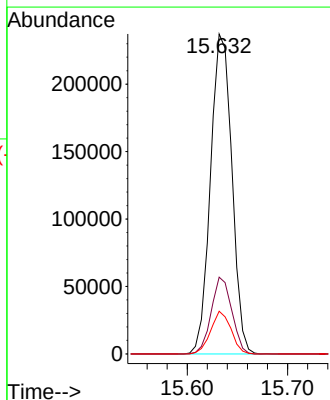
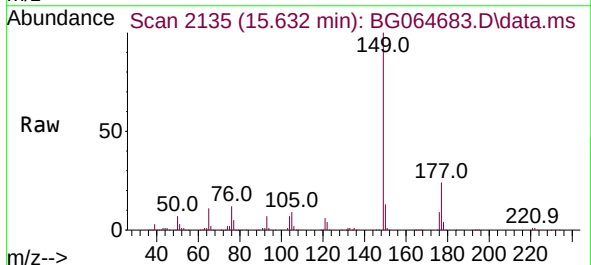
Manual Integrations
APPROVED

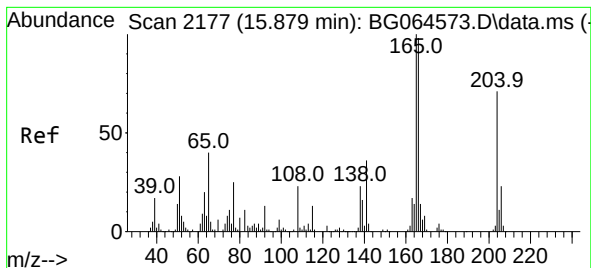
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 46.024 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

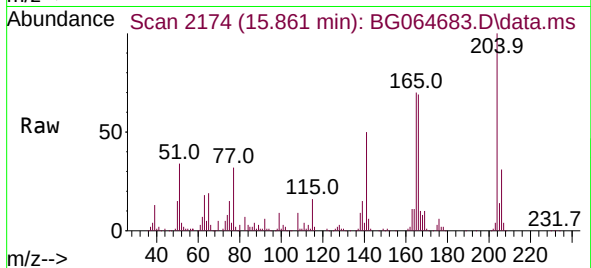
Tgt Ion:149 Resp: 351361
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 50.064 ng
RT: 15.861 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

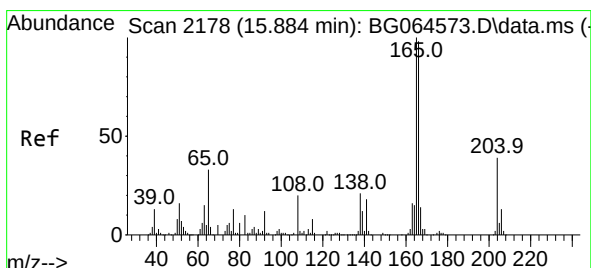
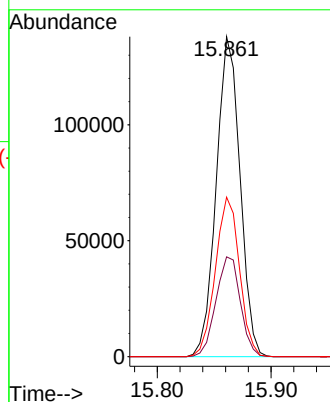
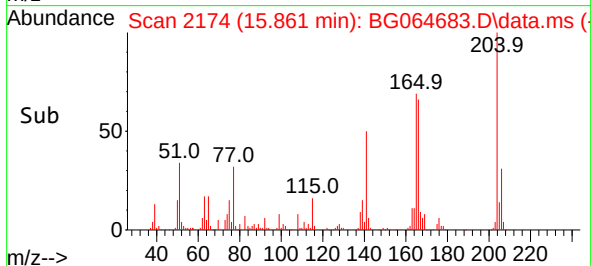
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



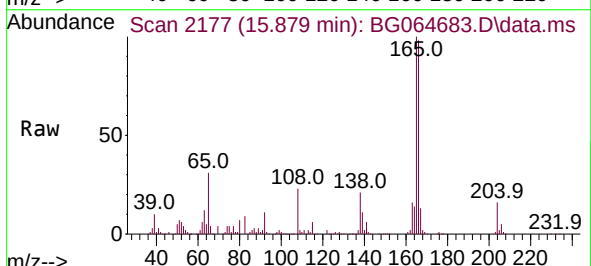
Tgt Ion:204 Resp: 200445
Ion Ratio Lower Upper
204 100
206 31.2 25.6 38.4
141 49.8 40.6 60.8

Manual Integrations
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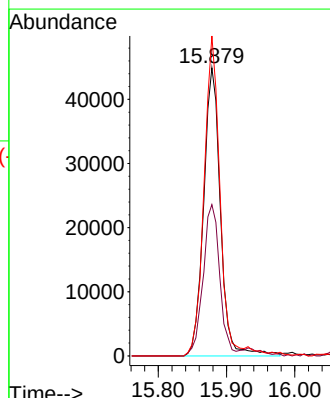
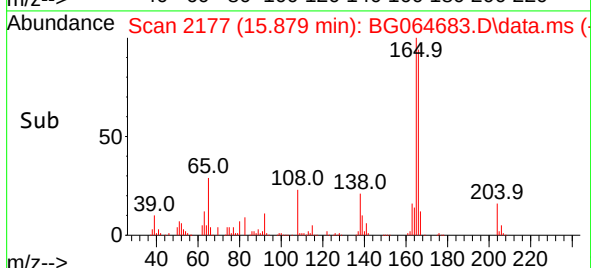
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

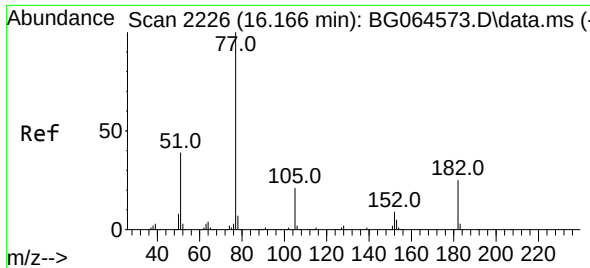


#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05



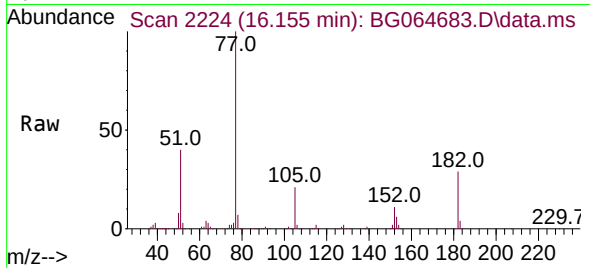
Tgt Ion:138 Resp: 77086
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 111.1 75.6 115.6





#63
Azobenzene
Concen: 49.429 ng
RT: 16.155 min Scan# 2224
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

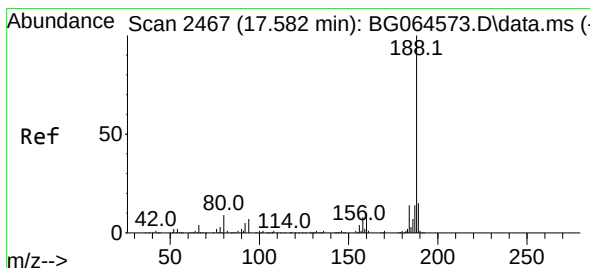
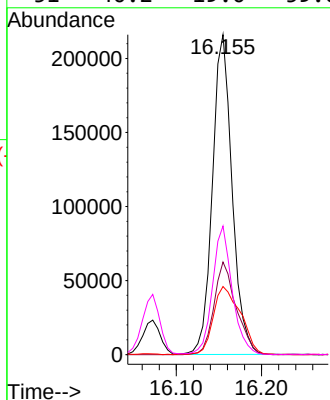
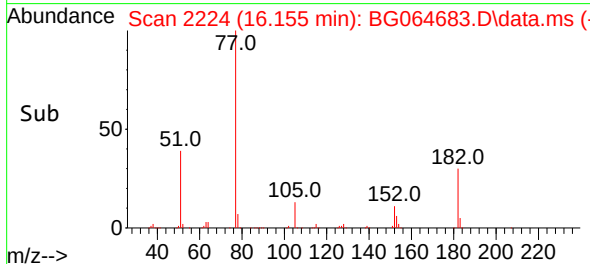
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion: 77 Resp: 346233
Ion Ratio Lower Upper
77 100
182 28.9 4.9 44.9
105 21.3 1.3 41.3
51 40.2 19.0 59.0

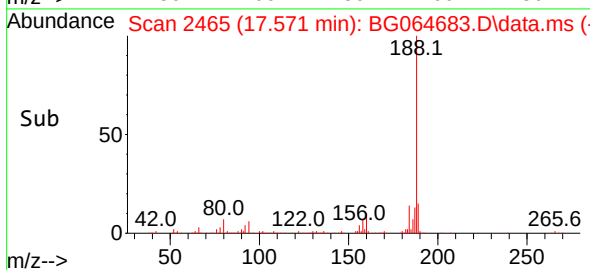
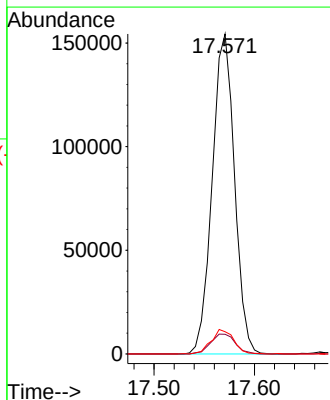
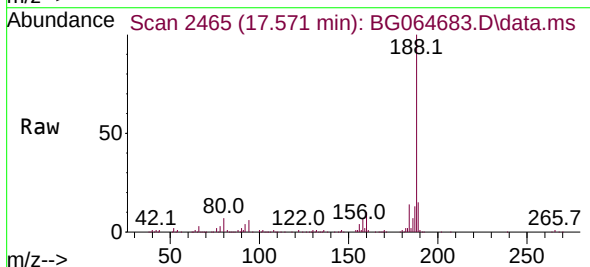
Manual Integrations
APPROVED

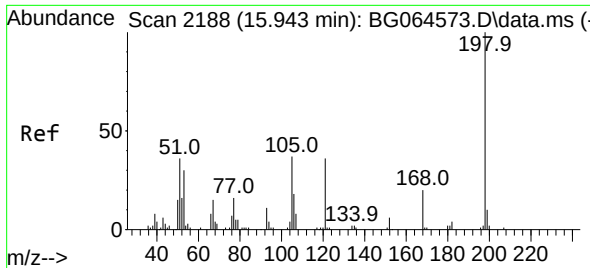
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

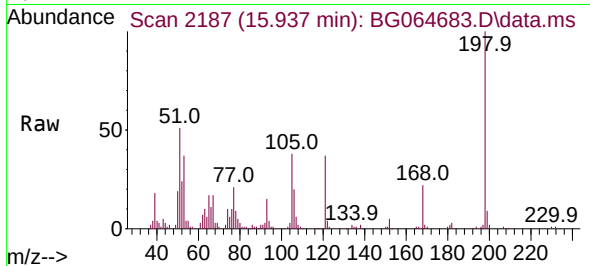
Tgt Ion:188 Resp: 238341
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 7.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 61.322 ng
RT: 15.937 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

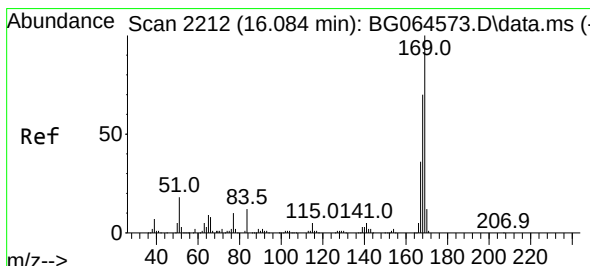
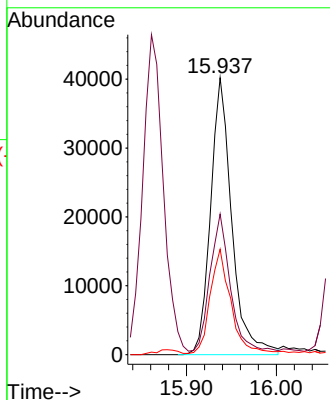
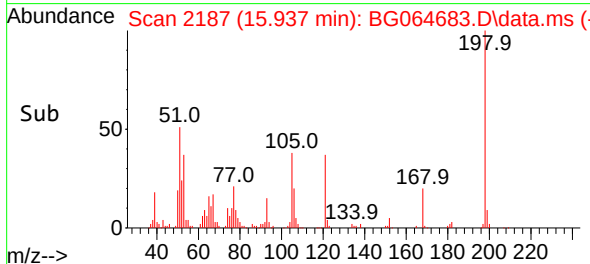
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:198 Resp: 66094
Ion Ratio Lower Upper
198 100
51 50.8 24.7 64.7
105 38.1 18.0 58.0

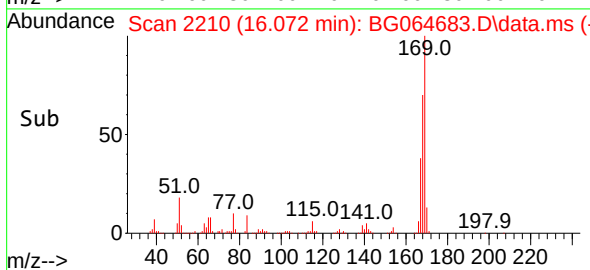
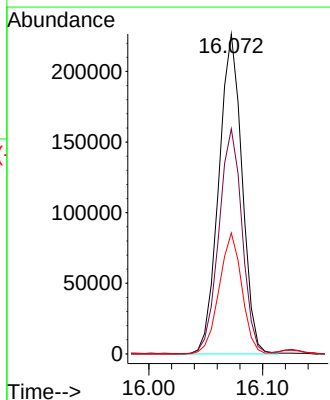
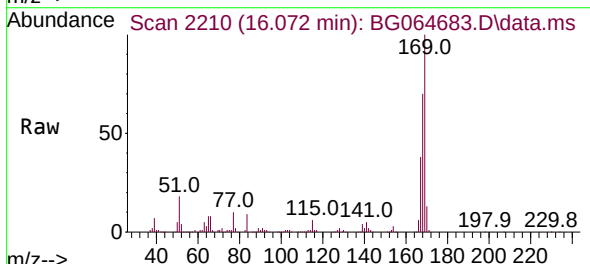
Manual Integrations
APPROVED

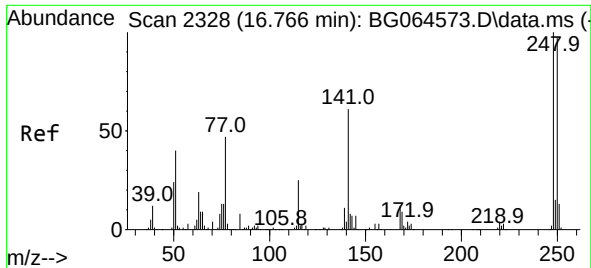
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 49.855 ng
RT: 16.072 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

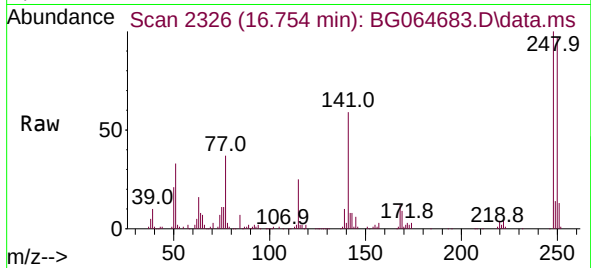
Tgt Ion:169 Resp: 320976
Ion Ratio Lower Upper
169 100
168 70.3 56.3 84.5
167 37.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 52.145 ng
RT: 16.754 min Scan# 2326
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

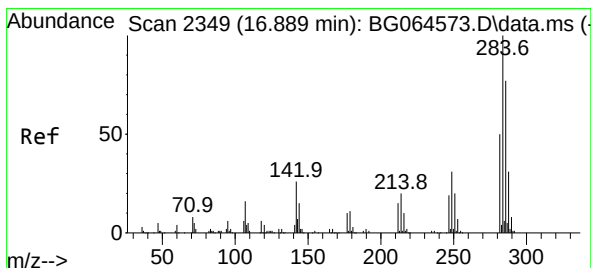
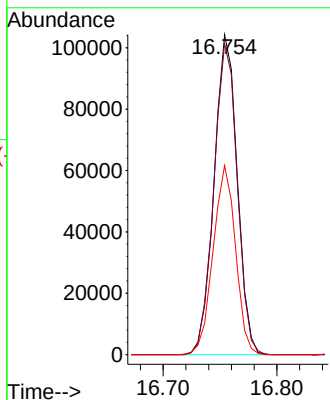
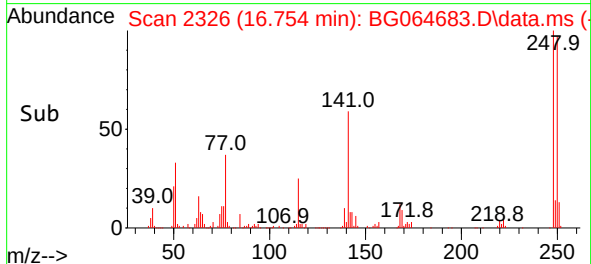
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:248 Resp: 147280
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 59.1 48.6 72.8

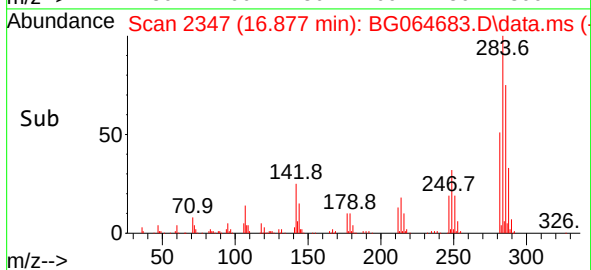
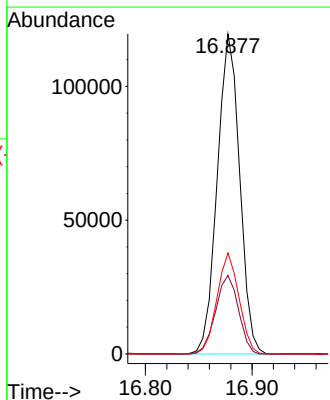
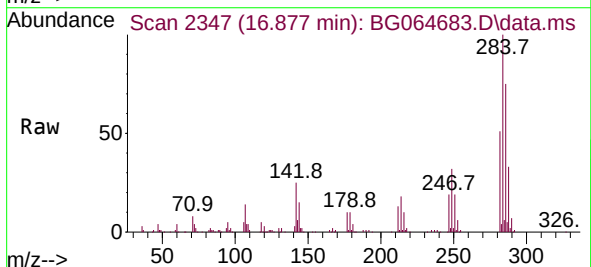
Manual Integrations
APPROVED

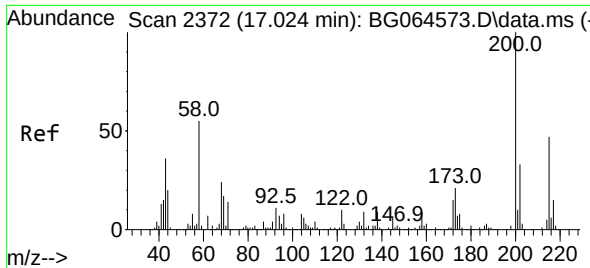
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 54.164 ng
RT: 16.877 min Scan# 2347
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

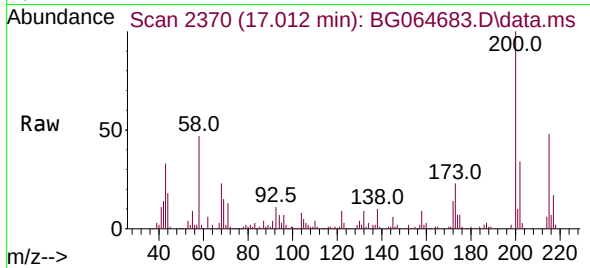
Tgt Ion:284 Resp: 174527
Ion Ratio Lower Upper
284 100
142 24.5 21.0 31.6
249 31.6 24.9 37.3





#69
 Atrazine
 Concen: 52.897 ng
 RT: 17.012 min Scan# 2372
 Delta R.T. -0.012 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

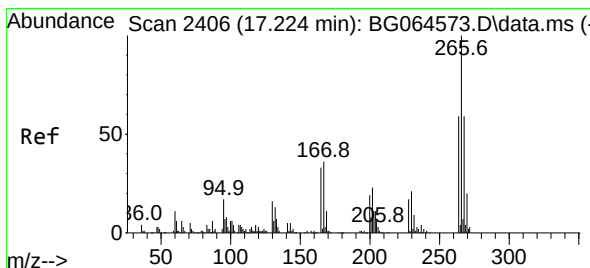
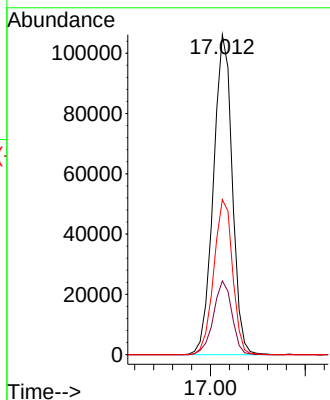
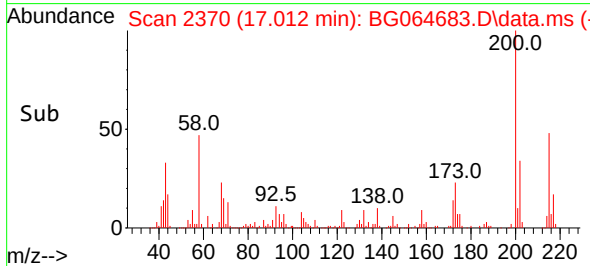
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS



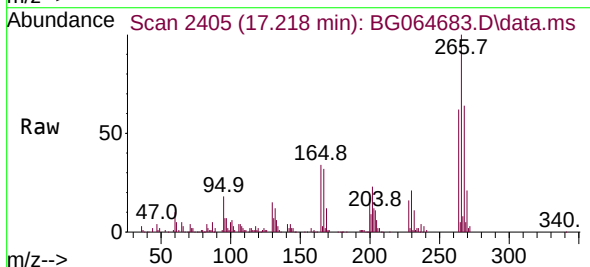
Tgt Ion:200 Resp: 146558
 Ion Ratio Lower Upper
 200 100
 173 23.0 0.9 40.9
 215 48.4 27.0 67.0

Manual Integrations
 APPROVED

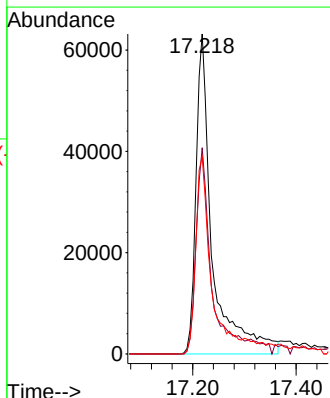
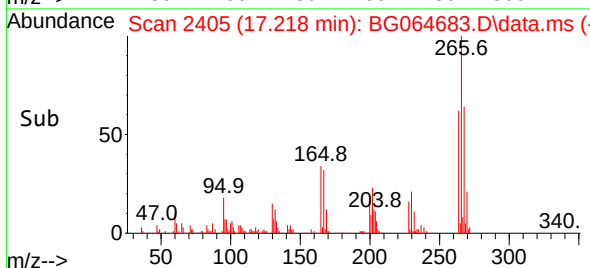
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

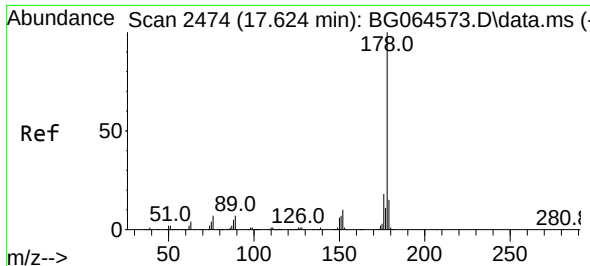


#70
 Pentachlorophenol
 Concen: 69.046 ng
 RT: 17.218 min Scan# 2405
 Delta R.T. -0.006 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05



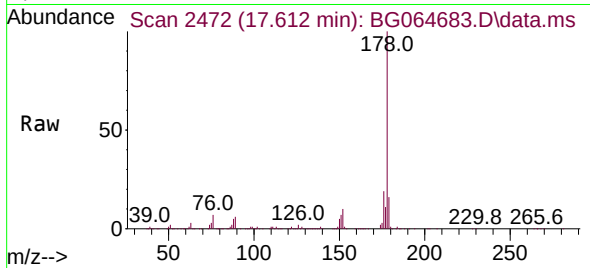
Tgt Ion:266 Resp: 138736
 Ion Ratio Lower Upper
 266 100
 268 68.9 50.3 75.5
 264 61.6 47.3 70.9





#71
Phenanthrene
Concen: 48.065 ng
RT: 17.612 min Scan# 2474
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

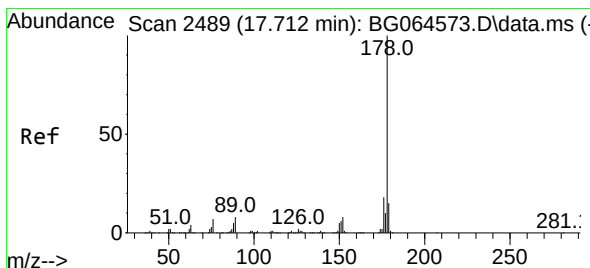
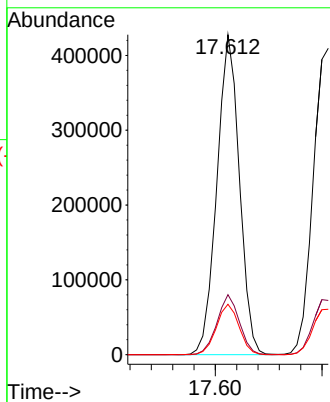
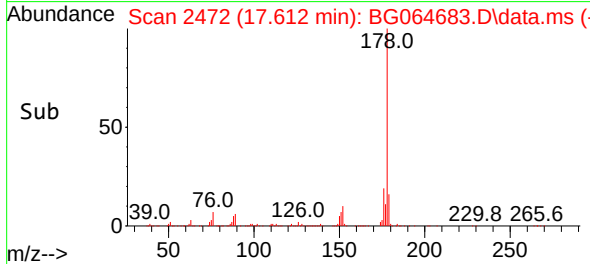
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:178 Resp: 626478
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.7 12.2 18.4

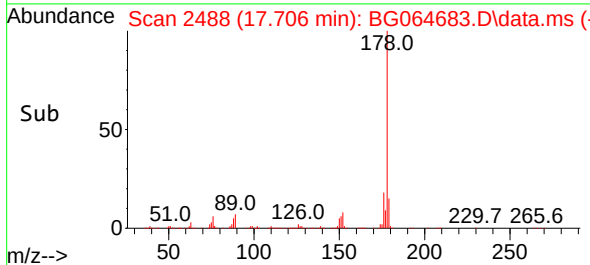
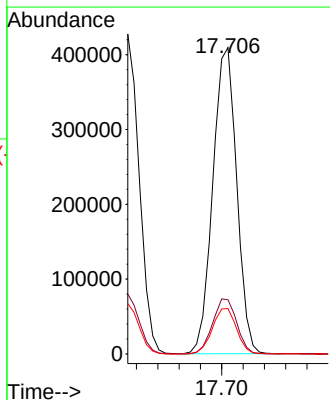
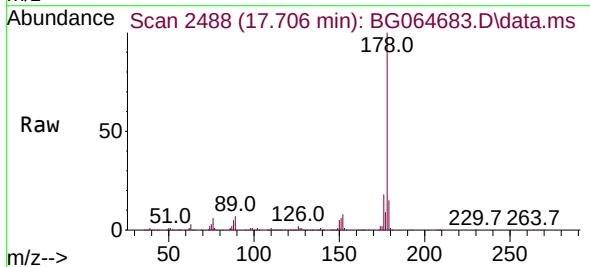
Manual Integrations
APPROVED

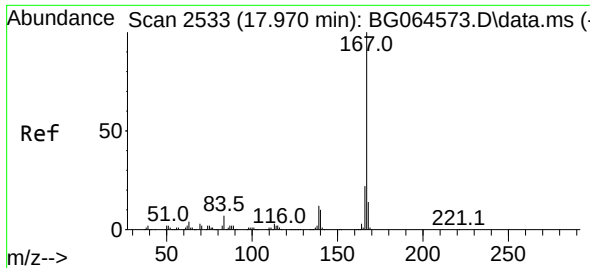
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 48.084 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

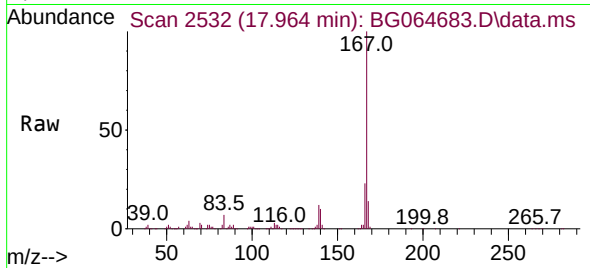
Tgt Ion:178 Resp: 637519
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 14.8 12.4 18.6





#73
 Carbazole
 Concen: 47.873 ng
 RT: 17.964 min Scan# 2532
 Delta R.T. -0.006 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

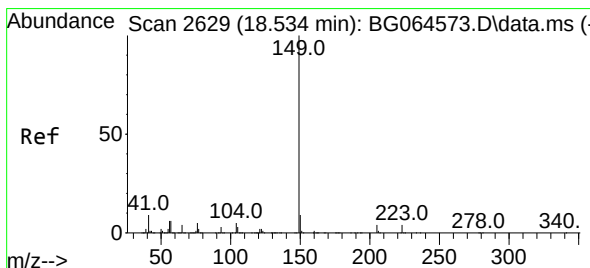
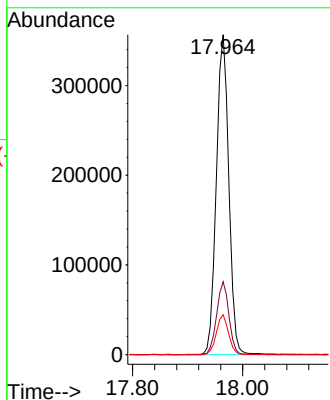
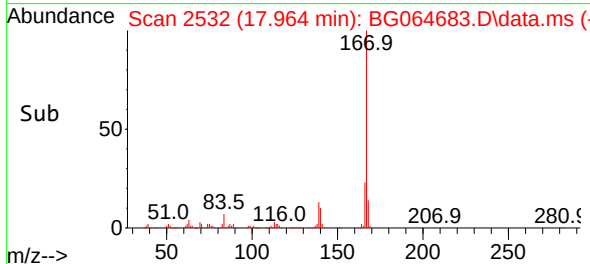
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS



Tgt Ion:167 Resp: 559713
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.9 26.9
 139 12.5 9.7 14.5

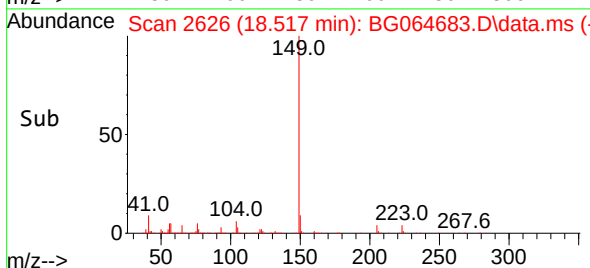
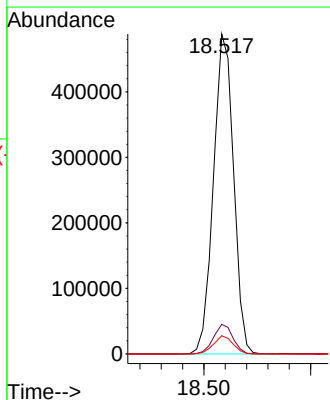
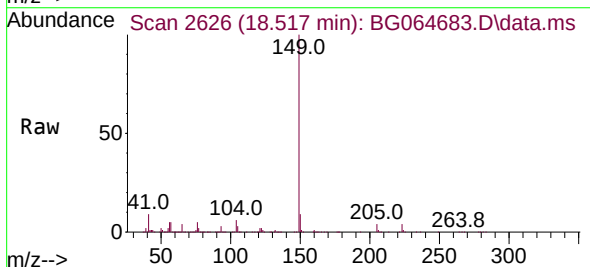
Manual Integrations
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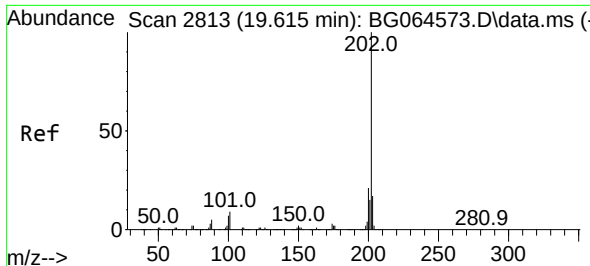
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#74
 Di-n-butylphthalate
 Concen: 47.395 ng
 RT: 18.517 min Scan# 2626
 Delta R.T. -0.018 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

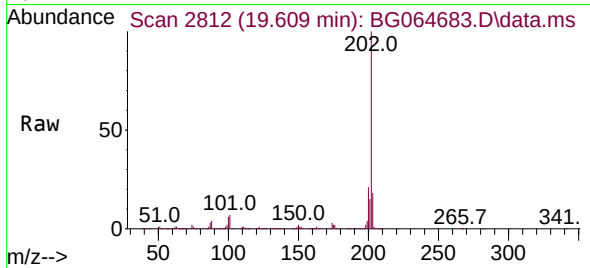
Tgt Ion:149 Resp: 640771
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.7 4.1 6.1





#75
Fluoranthene
Concen: 49.049 ng
RT: 19.609 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

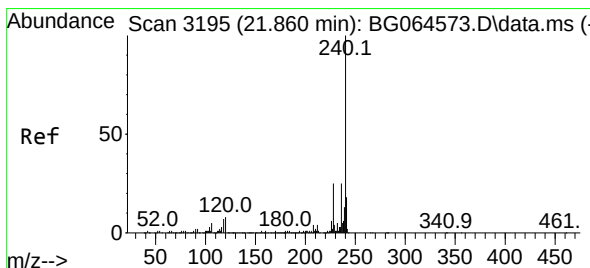
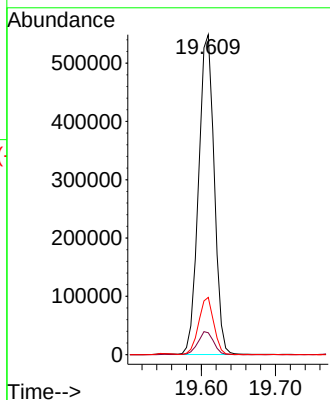
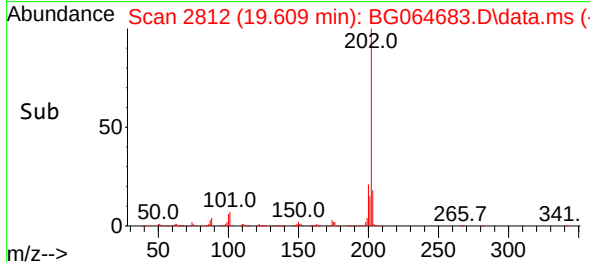
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:202 Resp: 800886
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.7
203 17.9 0.0 37.0

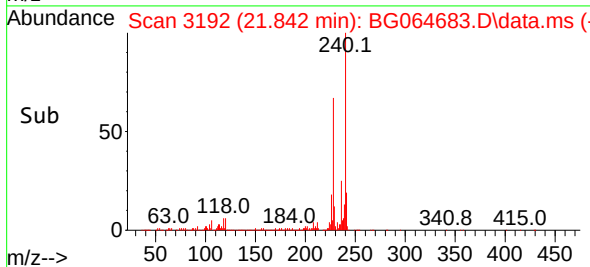
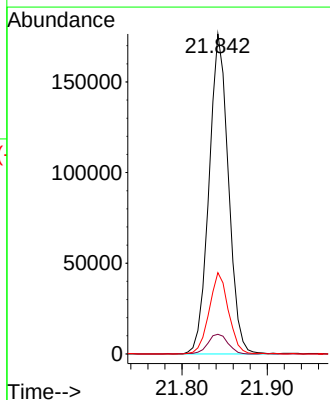
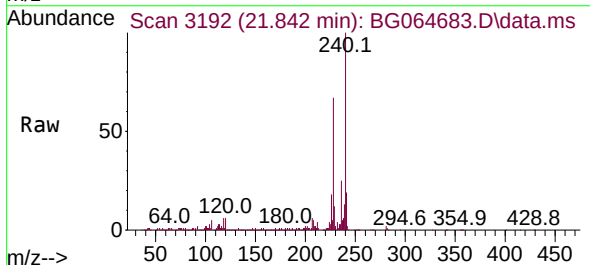
Manual Integrations
APPROVED

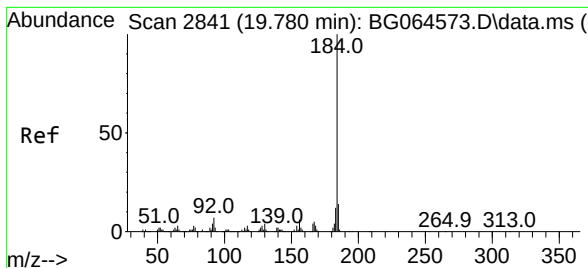
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.842 min Scan# 3192
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:240 Resp: 278646
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 25.4 20.2 30.2





#77

Benzidine

Concen: 37.459 ng

RT: 19.774 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

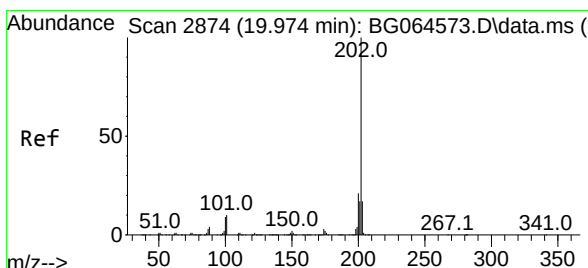
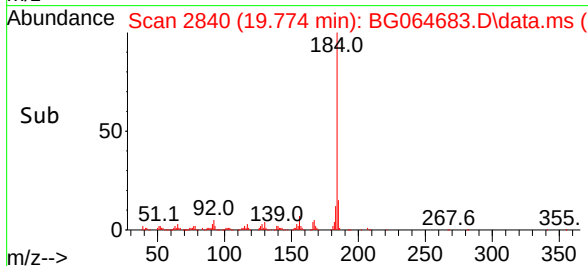
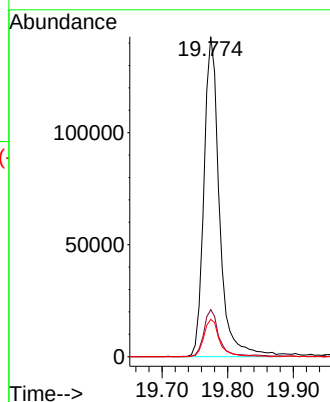
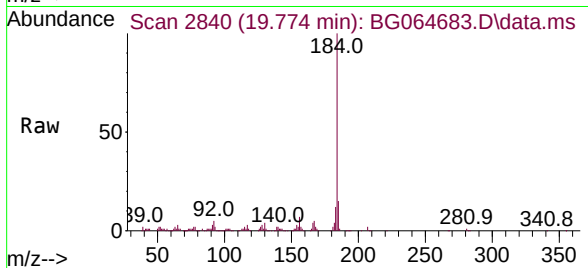
COMP-ROLLOFFMS

Tgt Ion:184 Resp: 233853
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.4 17.2
 183 11.6 9.4 14.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#78

Pyrene

Concen: 45.294 ng

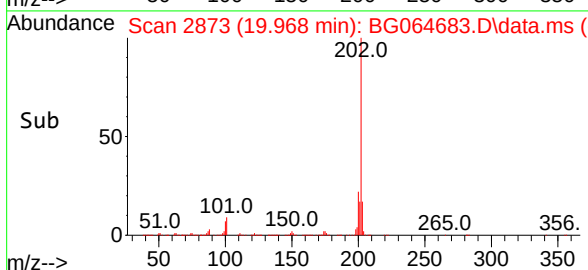
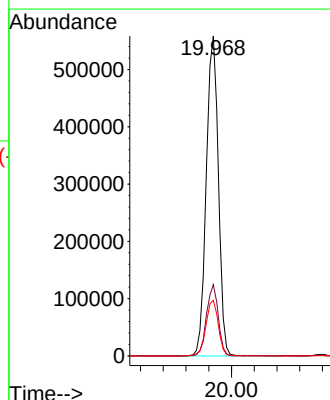
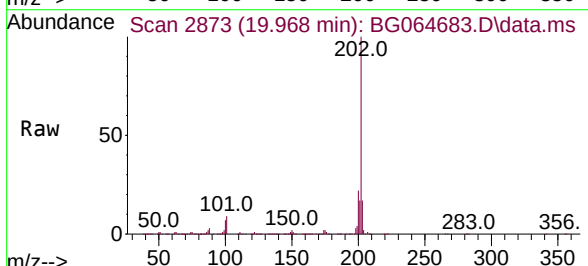
RT: 19.968 min Scan# 2873

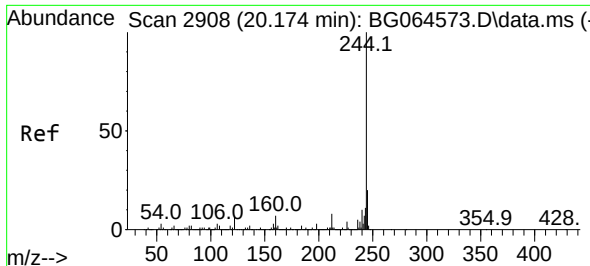
Delta R.T. -0.006 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

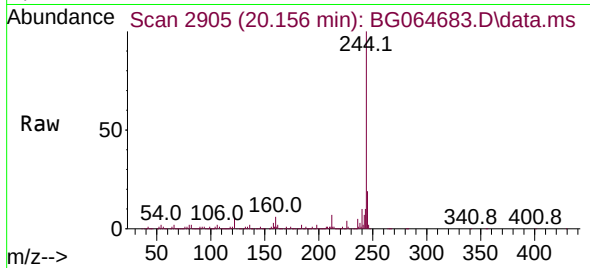
Tgt Ion:202 Resp: 824584
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.0 25.4
 203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 59.903 ng
 RT: 20.156 min Scan# 2905
 Delta R.T. -0.018 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

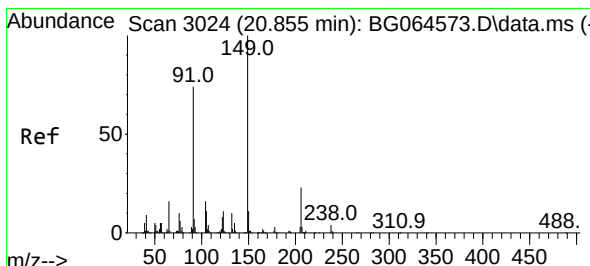
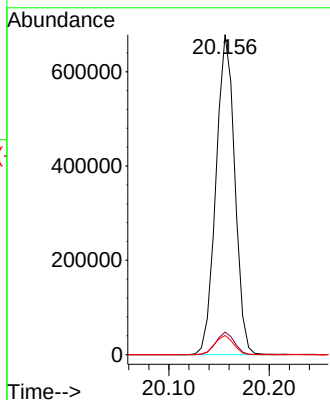
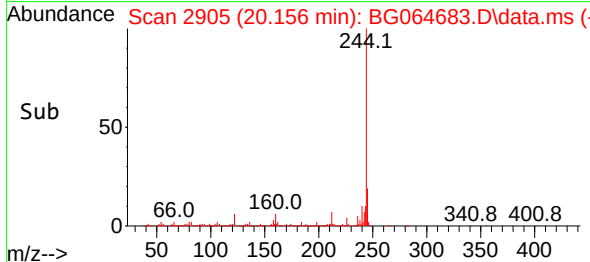
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS



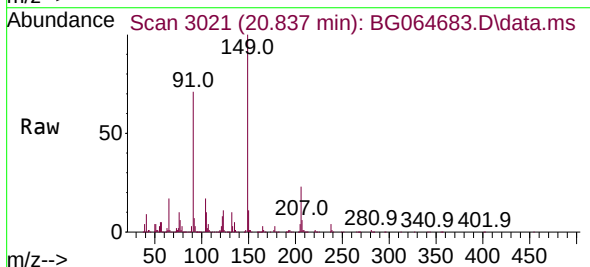
Tgt Ion:244 Resp: 884480
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.0 5.6 8.4

Manual Integrations
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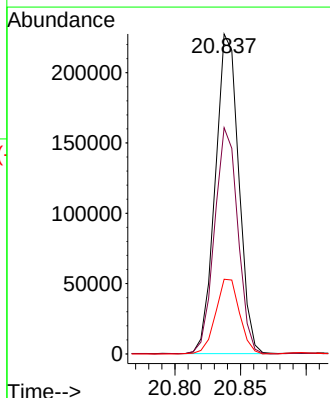
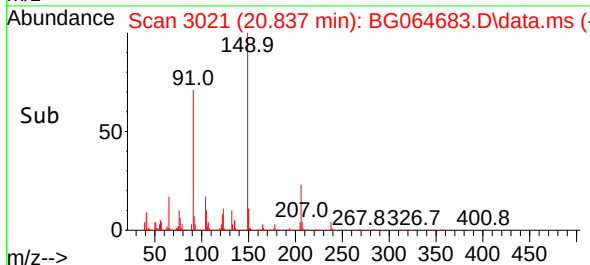
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

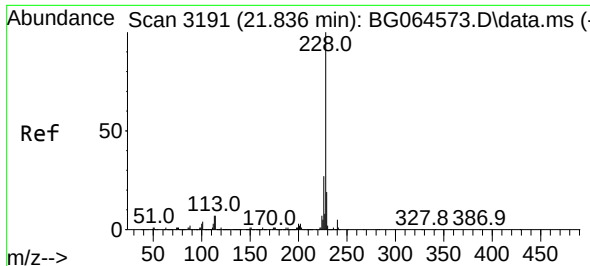


#80
 Butylbenzylphthalate
 Concen: 51.453 ng
 RT: 20.837 min Scan# 3021
 Delta R.T. -0.018 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05



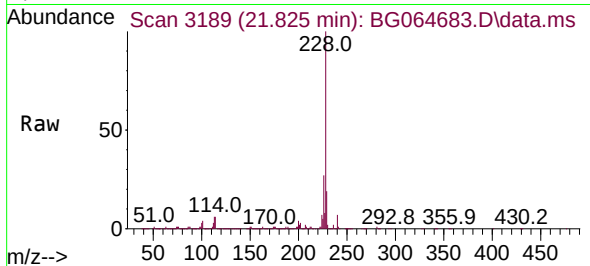
Tgt Ion:149 Resp: 283110
 Ion Ratio Lower Upper
 149 100
 91 70.7 59.2 88.8
 206 23.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 48.442 ng
RT: 21.825 min Scan# 3191
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

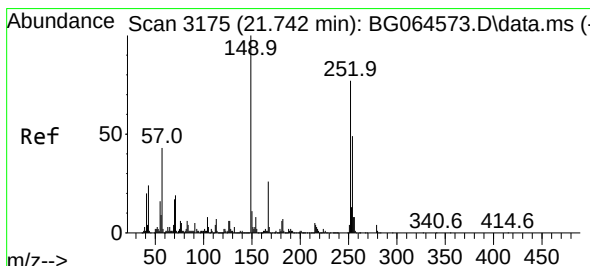
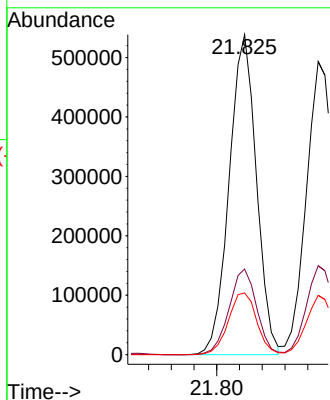
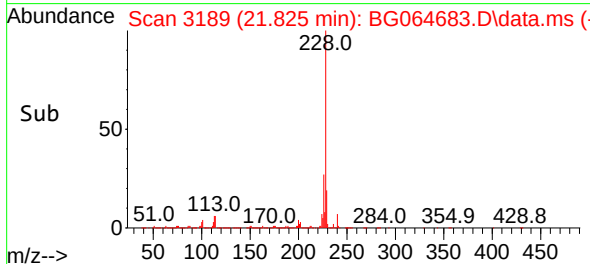
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:228 Resp: 895006
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.3 15.6 23.4

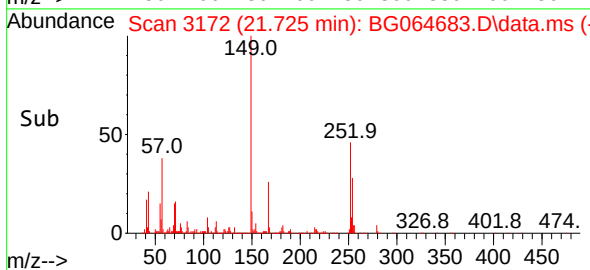
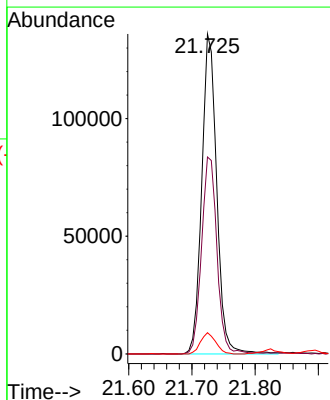
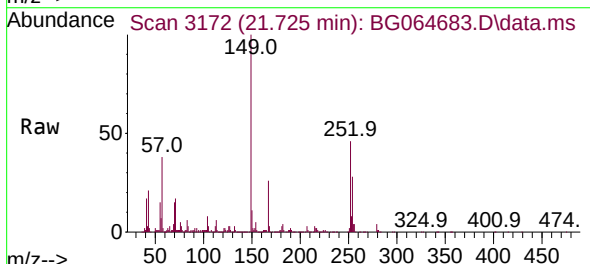
Manual Integrations
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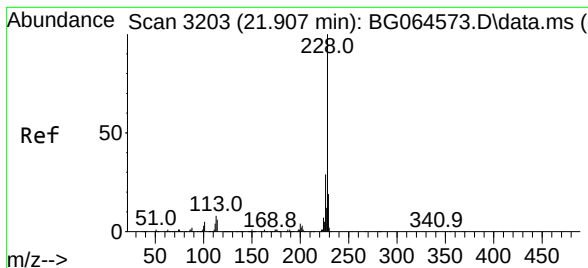
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 36.229 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 223522
Ion Ratio Lower Upper
252 100
254 61.5 50.8 76.2
126 6.6 5.8 8.6





#83

Chrysene

Concen: 47.814 ng

RT: 21.889 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

Instrument :

BNA_G

ClientSampleId :

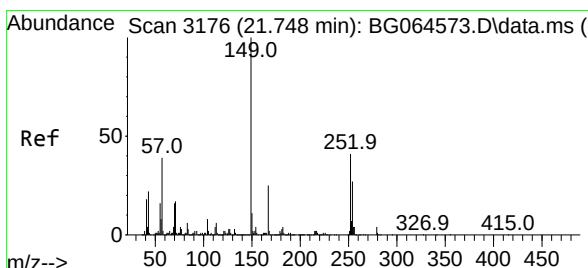
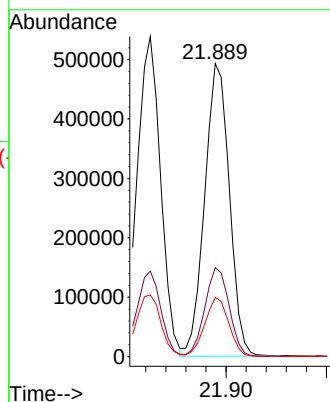
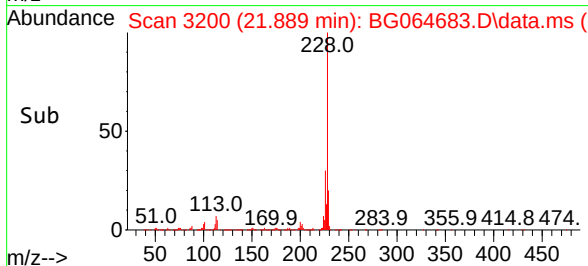
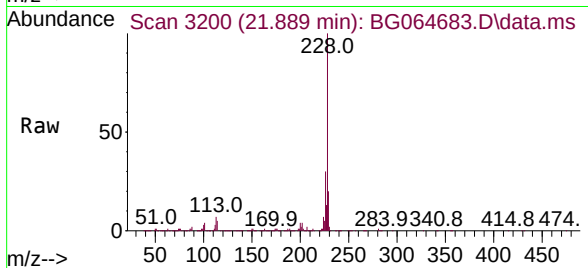
COMP-ROLLOFFMS

Tgt Ion:228 Resp: 840571
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.3 34.9
 229 20.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.131 ng

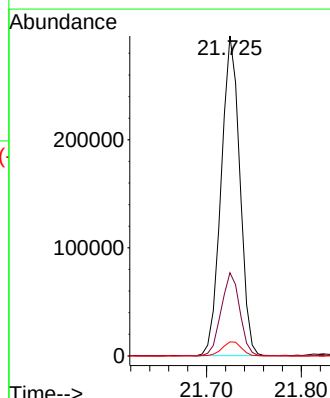
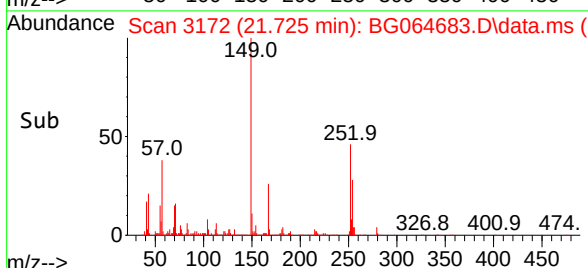
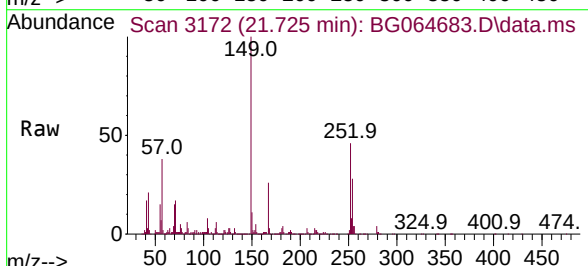
RT: 21.725 min Scan# 3172

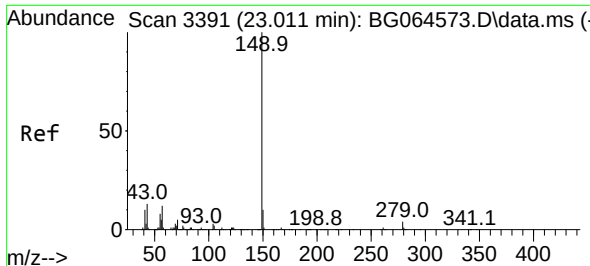
Delta R.T. -0.024 min

Lab File: BG064683.D

Acq: 3 Nov 2025 22:05

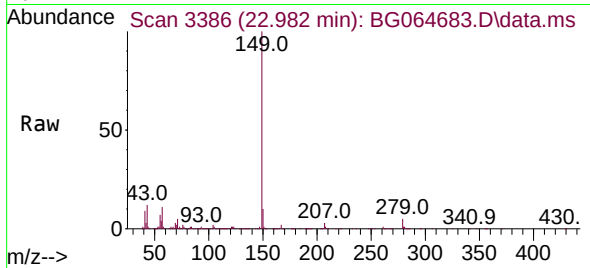
Tgt Ion:149 Resp: 403941
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.0 30.0
 279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.622 ng
RT: 22.982 min Scan# 3391
Delta R.T. -0.029 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

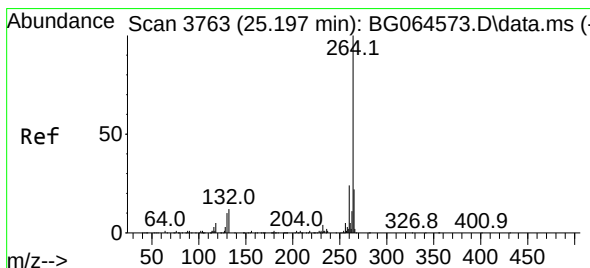
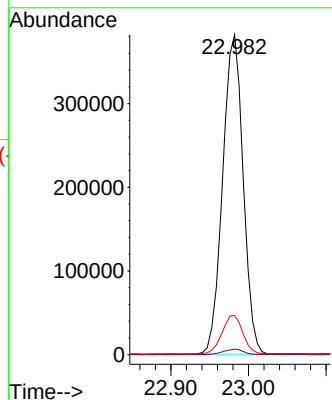
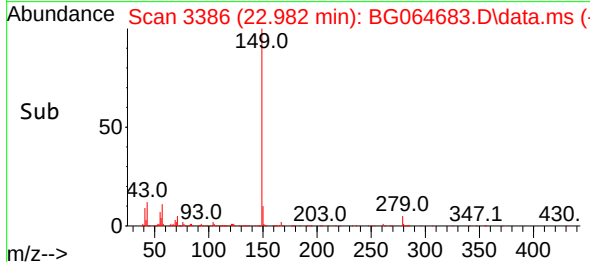
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:149 Resp: 701716
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.2 10.8 16.2

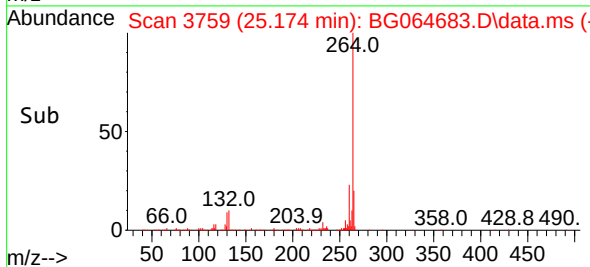
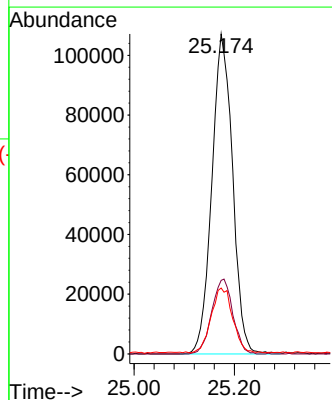
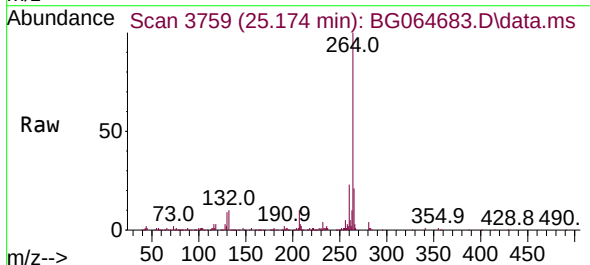
Manual Integrations
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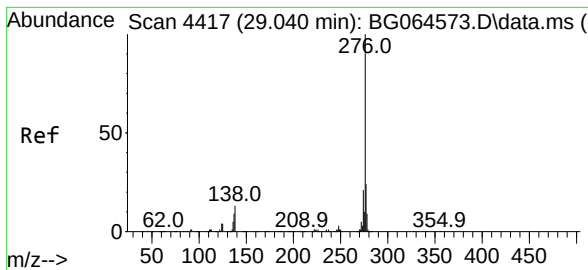
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

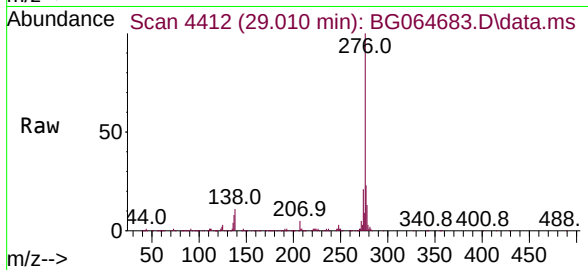
Tgt Ion:264 Resp: 306904
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 20.6 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.501 ng
 RT: 29.010 min Scan# 4417
 Delta R.T. -0.029 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS

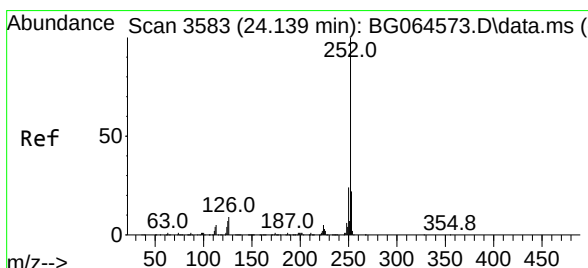
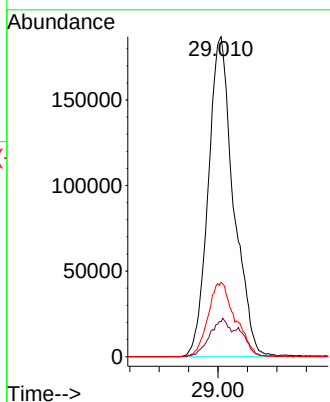
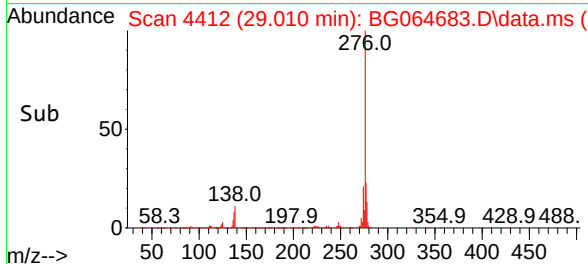


Tgt Ion:276 Resp: 1117590

Ion	Ratio	Lower	Upper
276	100		
138	9.7	10.8	16.2
277	24.9	20.1	30.1

Manual Integrations
 APPROVED

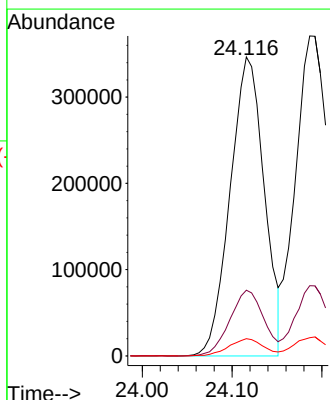
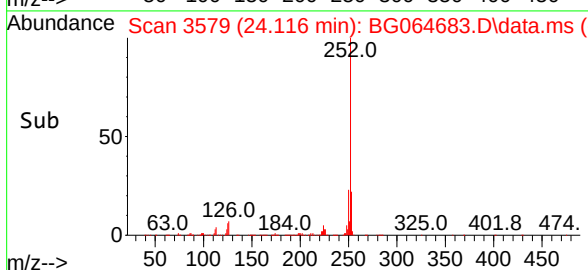
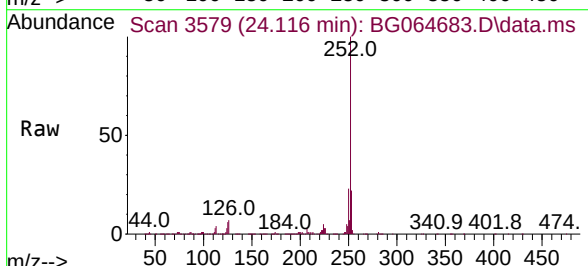
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

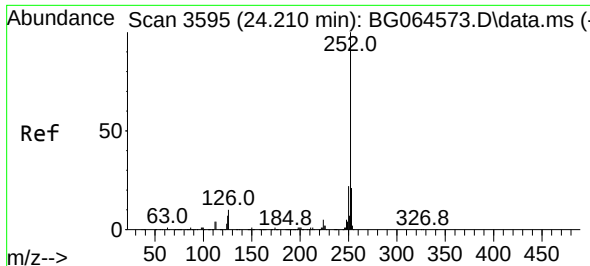


#88
 Benzo(b)fluoranthene
 Concen: 48.744 ng
 RT: 24.116 min Scan# 3579
 Delta R.T. -0.024 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 917327

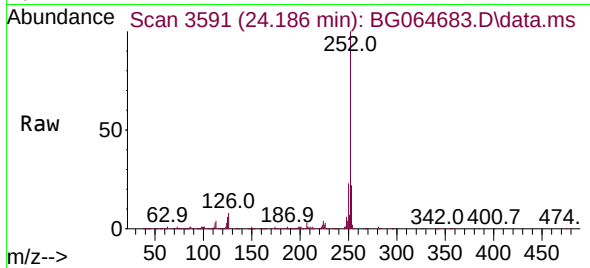
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	5.8	5.6	8.4





#89
Benzo(k)fluoranthene
Concen: 49.823 ng
RT: 24.186 min Scan# 3591
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

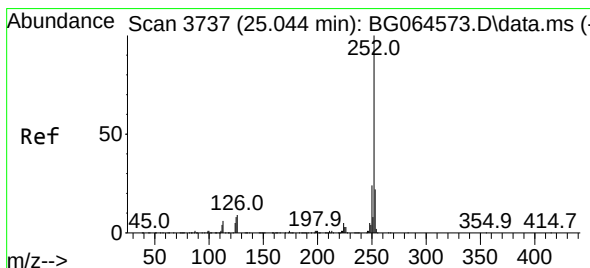
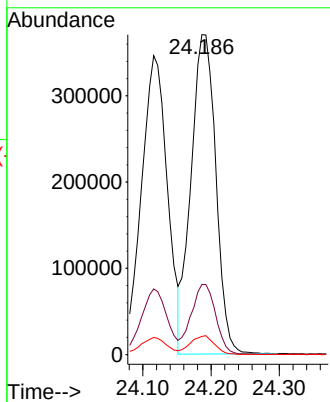
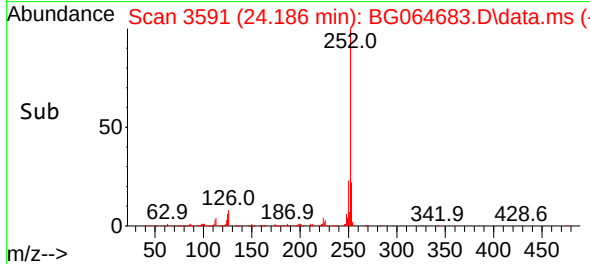
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS



Tgt Ion:252 Resp: 93828
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 5.7 5.4 8.0

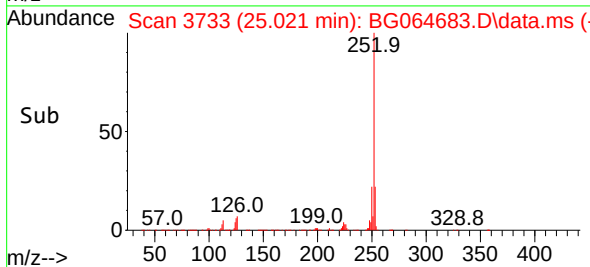
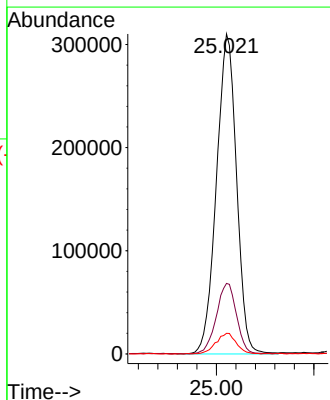
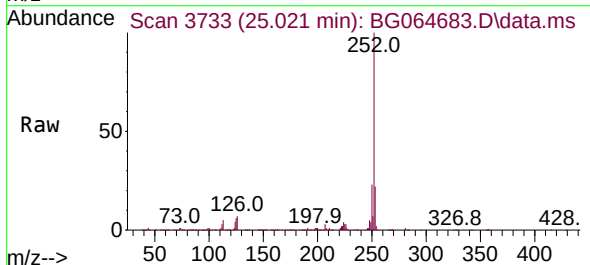
Manual Integrations
APPROVED

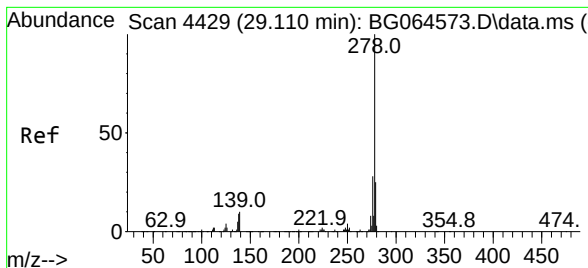
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 51.224 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

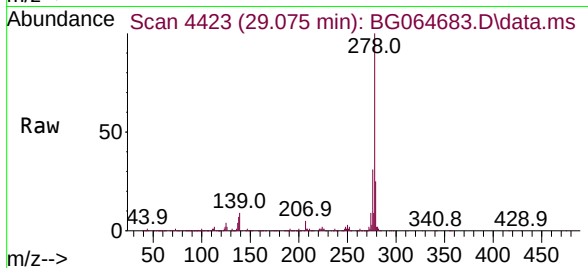
Tgt Ion:252 Resp: 886118
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.4 6.1 9.1





#91
 Dibenzo(a,h)anthracene
 Concen: 49.797 ng
 RT: 29.075 min Scan# 4423
 Delta R.T. -0.035 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

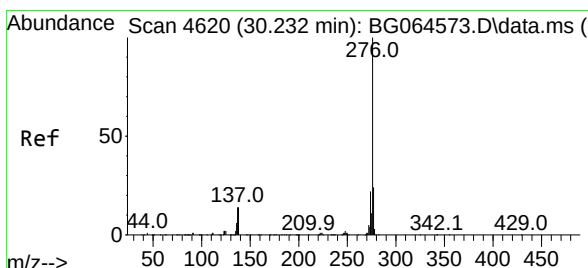
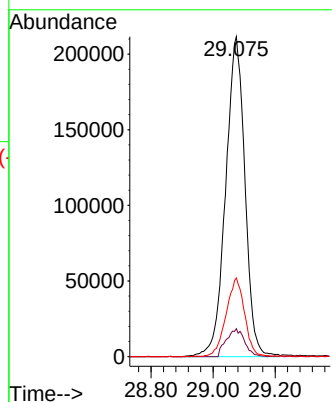
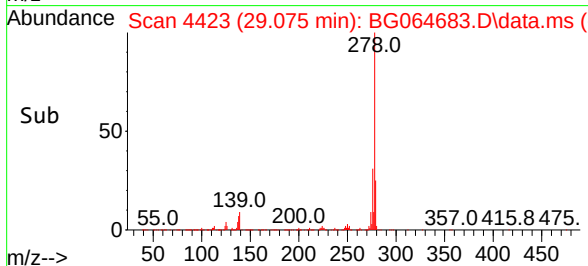
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS



Tgt Ion:278 Resp: 913373
 Ion Ratio Lower Upper
 278 100
 139 8.7 8.0 12.0
 279 24.6 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#92
 Benzo(g,h,i)perylene
 Concen: 50.793 ng
 RT: 30.197 min Scan# 4614
 Delta R.T. -0.035 min
 Lab File: BG064683.D
 Acq: 3 Nov 2025 22:05

Tgt Ion:276 Resp: 889972
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.1 28.7
 138 11.1 11.3 16.9#

