

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064622.D
 Acq On : 29 Oct 2025 14:06
 Operator : RC/JU
 Sample : PB170215BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 06:35:11 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	8.217	152	30857	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	126314	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	102616	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	252758	20.000	ng	0.00
76) Chrysene-d12	21.854	240	286271	20.000	ng	0.00
86) Perylene-d12	25.192	264	311364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	229807	125.006	ng	0.00
7) Phenol-d6	7.354	99	315661	125.132	ng	0.00
23) Nitrobenzene-d5	9.381	82	200721	95.443	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	213604	144.224	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	539175	79.642	ng	0.00
79) Terphenyl-d14	20.168	244	1263324	83.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	27367	33.625	ng	97
3) Pyridine	3.987	79	80236	32.828	ng	99
4) n-Nitrosodimethylamine	3.899	42	55779	42.556	ng	96
6) Aniline	7.524	93	111247	32.409	ng	98
8) 2-Chlorophenol	7.777	128	90171	46.861	ng	96
9) Benzaldehyde	7.336	77	44662	32.430	ng	99
10) Phenol	7.377	94	125167	44.866	ng	96
11) bis(2-Chloroethyl)ether	7.618	93	82115	40.034	ng	94
12) 1,3-Dichlorobenzene	8.106	146	89896	40.591	ng	96
13) 1,4-Dichlorobenzene	8.253	146	95840	42.559	ng	92
14) 1,2-Dichlorobenzene	8.576	146	95566	43.998	ng	95
15) Benzyl Alcohol	8.447	79	97685	46.959	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.746	45	208165	38.690	ng	97
17) 2-Methylphenol	8.646	107	82384	44.477	ng	95
18) Hexachloroethane	9.322	117	34789	44.022	ng	96
19) n-Nitroso-di-n-propyla...	9.022	70	75603	43.365	ng	98
20) 3+4-Methylphenols	8.975	107	115498	44.339	ng	95
22) Acetophenone	9.040	105	161222	46.691	ng	96
24) Nitrobenzene	9.422	77	109545	47.891	ng	97
25) Isophorone	9.951	82	215090	42.623	ng	100
26) 2-Nitrophenol	10.139	139	44164	49.908	ng	# 85
27) 2,4-Dimethylphenol	10.192	122	95696	50.981	ng	97
28) bis(2-Chloroethoxy)met...	10.433	93	121990	42.458	ng	99
29) 2,4-Dichlorophenol	10.679	162	99058	49.036	ng	97
30) 1,2,4-Trichlorobenzene	10.903	180	106824	46.541	ng	97
31) Naphthalene	11.091	128	295744	42.229	ng	99
32) Benzoic acid	10.309	122	73385	50.777	ng	94
33) 4-Chloroaniline	11.185	127	64445	23.675	ng	97
34) Hexachlorobutadiene	11.384	225	78836	43.919	ng	97
35) Caprolactam	11.943	113	35241m	45.484	ng	
36) 4-Chloro-3-methylphenol	12.289	107	115355	47.506	ng	98
37) 2-Methylnaphthalene	12.683	142	200867	39.066	ng	99
38) 1-Methylnaphthalene	12.900	142	210799	41.413	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	160584	46.629	ng	99
41) Hexachlorocyclopentadiene	13.035	237	193126	124.589	ng	99
43) 2,4,6-Trichlorophenol	13.276	196	97819	49.656	ng	100

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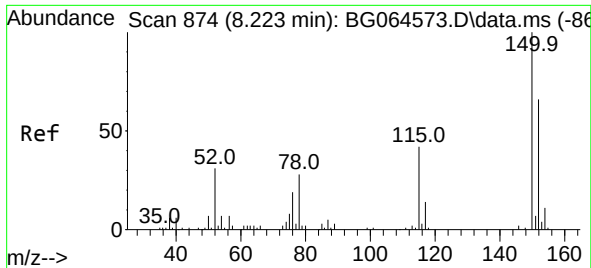
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	111336	48.976	ng	99
46) 1,1'-Biphenyl	13.682	154	341429	46.801	ng	97
47) 2-Chloronaphthalene	13.723	162	234788	42.637	ng	96
48) 2-Nitroaniline	13.911	65	87853	47.555	ng	94
49) Acenaphthylene	14.563	152	430487	49.562	ng	98
50) Dimethylphthalate	14.287	163	347656	44.275	ng	99
51) 2,6-Dinitrotoluene	14.398	165	65227	50.188	ng	96
52) Acenaphthene	14.904	154	290908	49.021	ng	97
53) 3-Nitroaniline	14.722	138	49122	36.402	ng	# 99
54) 2,4-Dinitrophenol	14.927	184	88044	108.602	ng	# 42
55) Dibenzofuran	15.239	168	418469	43.618	ng	99
56) 4-Nitrophenol	15.015	139	127758	102.115	ng	94
57) 2,4-Dinitrotoluene	15.180	165	100857	50.198	ng	98
58) Fluorene	15.879	166	335610	44.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	114603	52.720	ng	98
60) Diethylphthalate	15.644	149	357386	44.576	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	190016	45.190	ng	97
62) 4-Nitroaniline	15.885	138	74872	49.873	ng	95
63) Azobenzene	16.161	77	323701	44.003	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	61637	54.580	ng	96
66) n-Nitrosodiphenylamine	16.079	169	307367	45.018	ng	96
67) 4-Bromophenyl-phenylether	16.766	248	133834	44.682	ng	97
68) Hexachlorobenzene	16.884	284	155883	45.618	ng	96
69) Atrazine	17.019	200	140535	47.830	ng	98
70) Pentachlorophenol	17.219	266	214000	100.429	ng	95
71) Phenanthrene	17.618	178	612283	44.297	ng	99
72) Anthracene	17.712	178	631323	44.900	ng	100
73) Carbazole	17.971	167	558592	45.052	ng	99
74) Di-n-butylphthalate	18.529	149	636589	44.400	ng	100
75) Fluoranthene	19.616	202	768700	44.393	ng	99
77) Benzidine	19.780	184	240455	37.491	ng	99
78) Pyrene	19.974	202	804895	43.035	ng	99
80) Butylbenzylphthalate	20.850	149	279278	49.405	ng	97
81) Benzo(a)anthracene	21.831	228	850571	44.811	ng	99
82) 3,3'-Dichlorobenzidine	21.737	252	205029	32.347	ng	98
83) Chrysene	21.901	228	799015	44.240	ng	99
84) Bis(2-ethylhexyl)phtha...	21.737	149	407169	48.204	ng	99
85) Di-n-octyl phthalate	23.000	149	709236	49.802	ng	99
87) Indeno(1,2,3-cd)pyrene	29.034	276	1033332	45.114	ng	# 97
88) Benzo(b)fluoranthene	24.134	252	872834	45.715	ng	99
89) Benzo(k)fluoranthene	24.205	252	867424	45.401	ng	98
90) Benzo(a)pyrene	25.039	252	830855	47.341	ng	100
91) Dibenzo(a,h)anthracene	29.099	278	858540	46.137	ng	99
92) Benzo(g,h,i)perylene	30.233	276	825558	46.441	ng	99

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



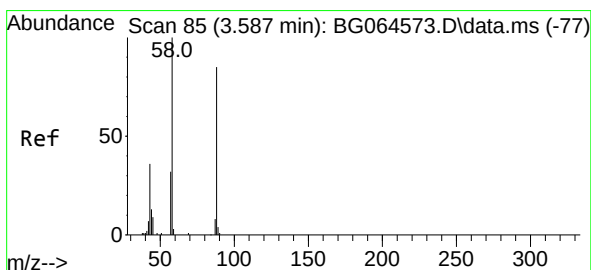
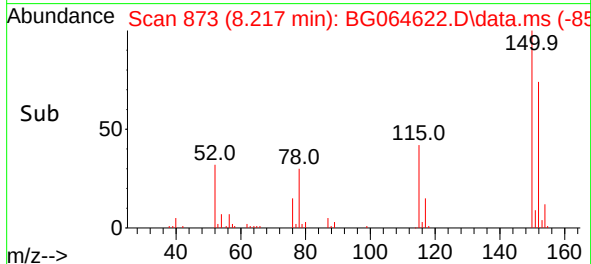
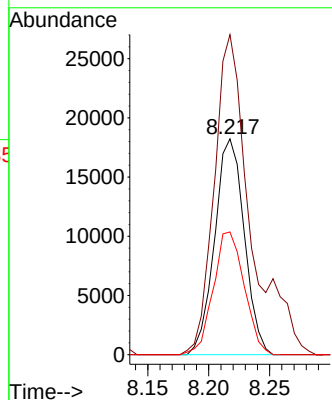
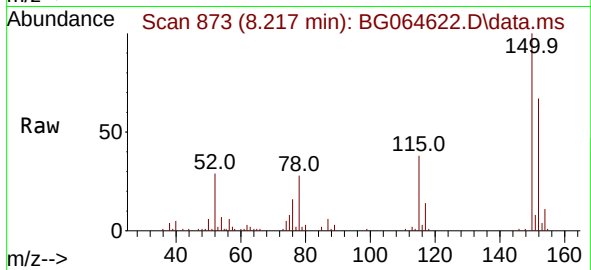
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:152 Resp: 3085
Ion Ratio Lower Upper
152 100
150 148.2 122.2 183.4
115 56.8 50.8 76.2

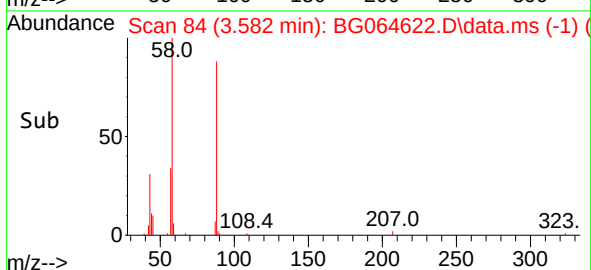
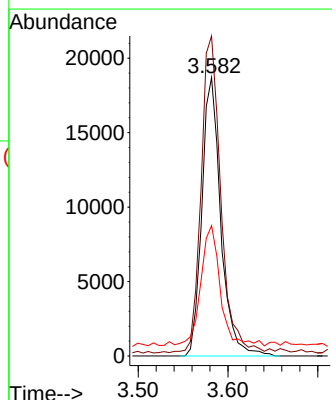
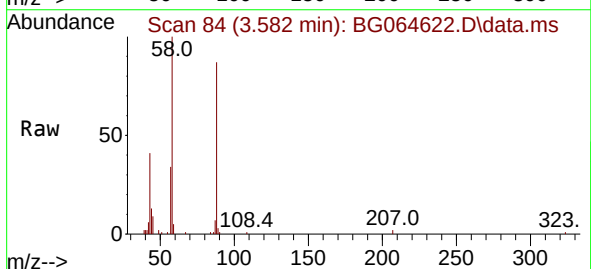
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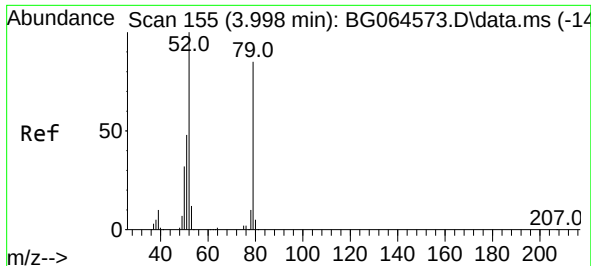
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 33.625 ng
RT: 3.582 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

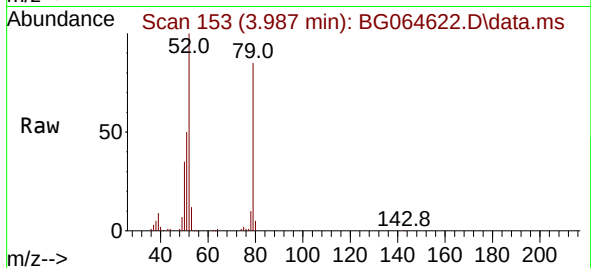
Tgt Ion: 88 Resp: 27367
Ion Ratio Lower Upper
88 100
58 117.6 92.4 138.6
43 44.4 33.0 49.6





#3
Pyridine
Concen: 32.828 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

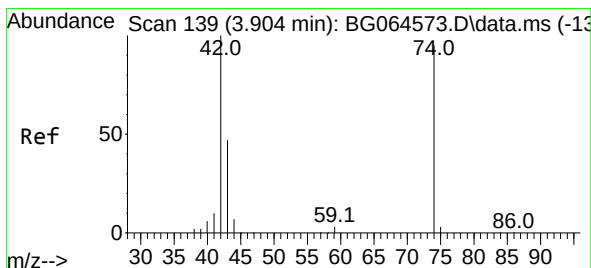
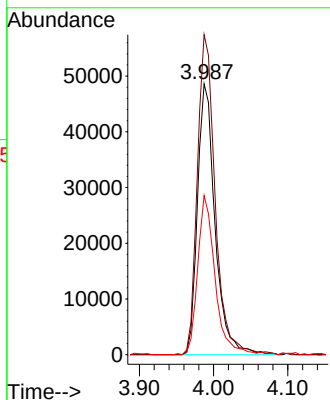
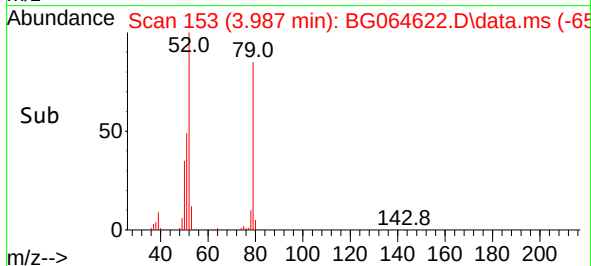
Instrument :
BNA_G
ClientSampleId :
PB170215BS



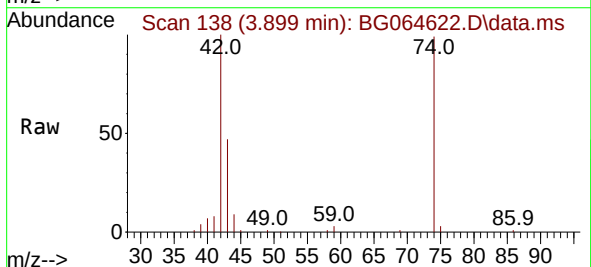
Tgt Ion: 79 Resp: 80230
Ion Ratio Lower Upper
79 100
52 118.1 94.2 141.2
51 58.8 46.1 69.1

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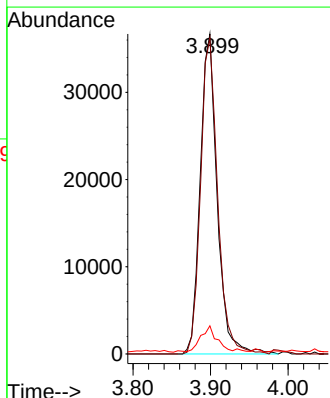
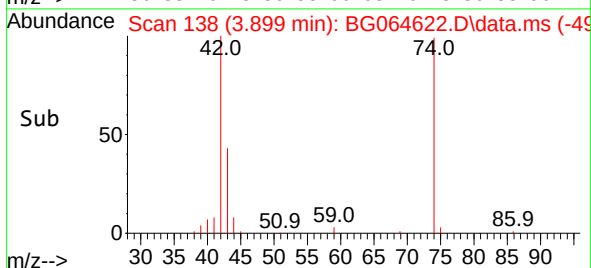
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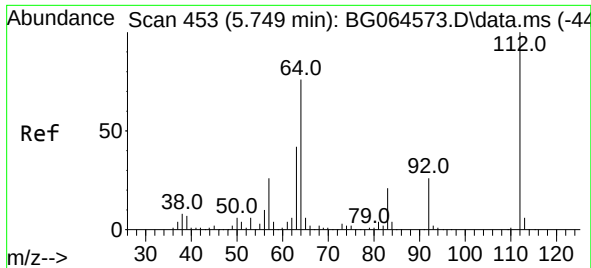


#4
n-Nitrosodimethylamine
Concen: 42.556 ng
RT: 3.899 min Scan# 138
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion: 42 Resp: 55779
Ion Ratio Lower Upper
42 100
74 98.7 76.1 114.1
44 8.8 6.3 9.5





#5
2-Fluorophenol
Concen: 125.006 ng
RT: 5.750 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

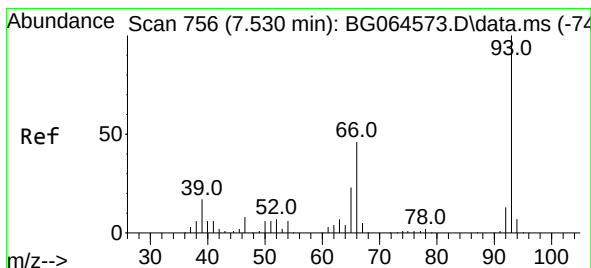
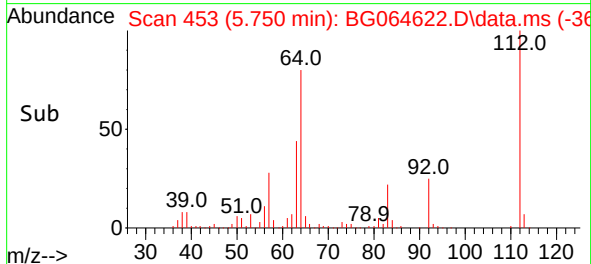
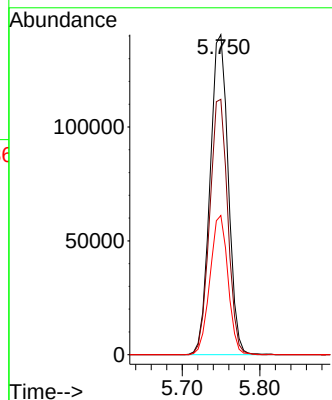
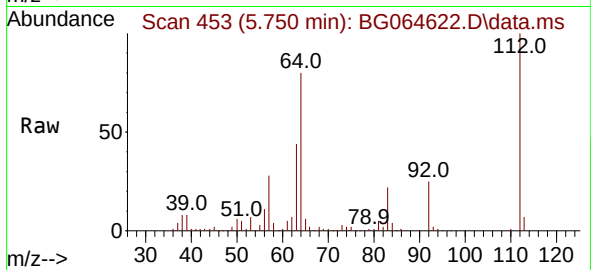
PB170215BS

Tgt Ion:112 Resp: 22980
Ion Ratio Lower Upper
112 100
64 79.8 60.7 91.1
63 43.5 33.4 50.0

Manual Integrations

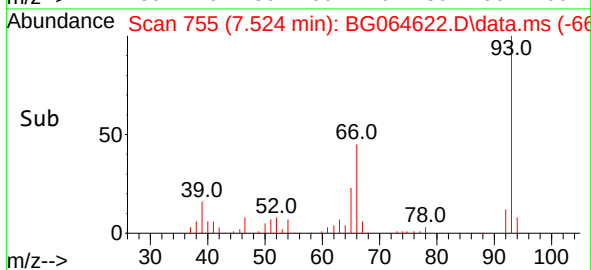
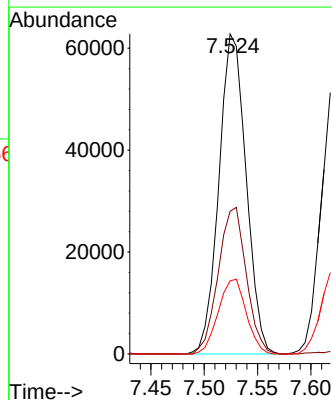
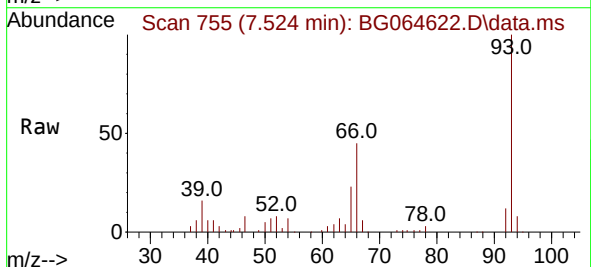
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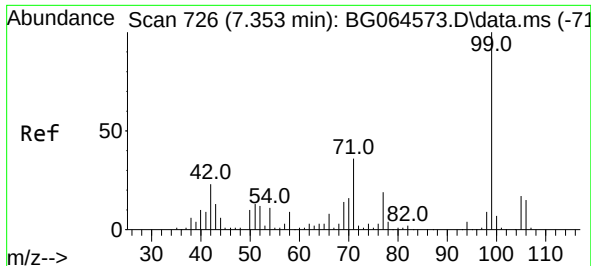
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 32.409 ng
RT: 7.524 min Scan# 755
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

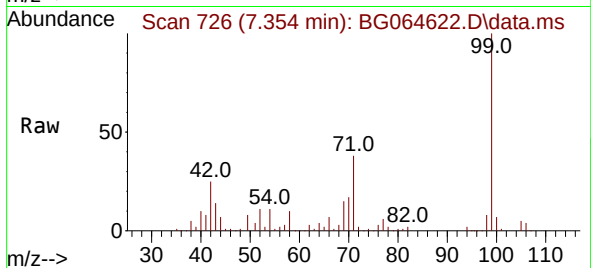
Tgt Ion: 93 Resp: 111247
Ion Ratio Lower Upper
93 100
66 44.6 37.0 55.6
65 22.9 18.3 27.5





#7
Phenol-d6
Concen: 125.132 ng
RT: 7.354 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

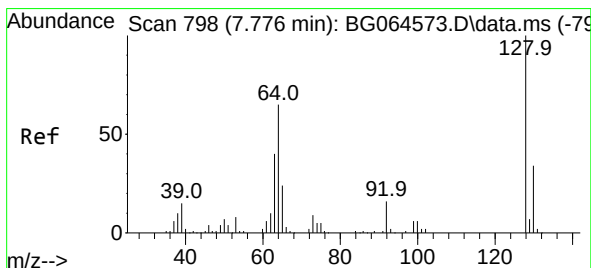
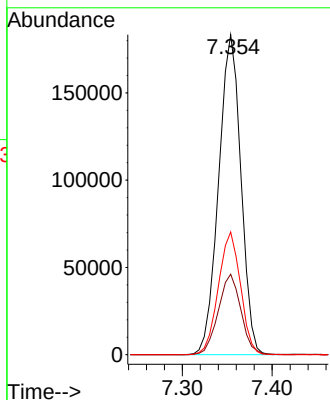
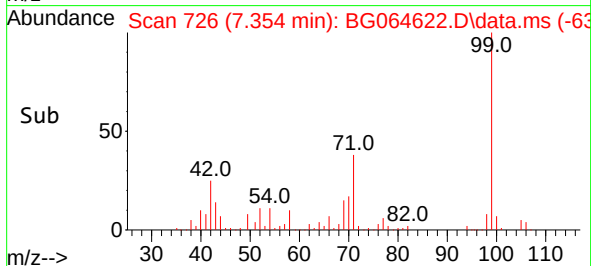
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion: 99 Resp: 31566
Ion Ratio Lower Upper
99 100
42 25.1 18.3 27.5
71 38.4 28.6 43.0

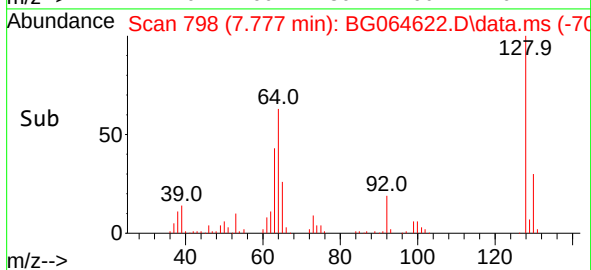
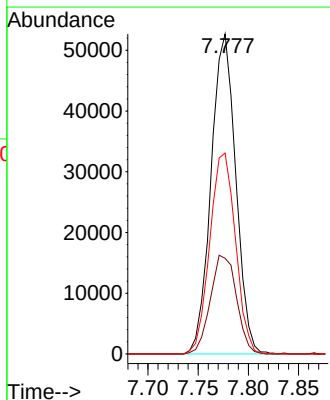
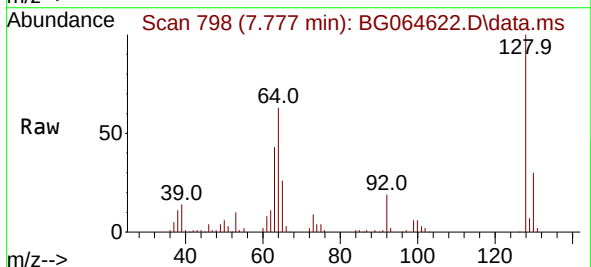
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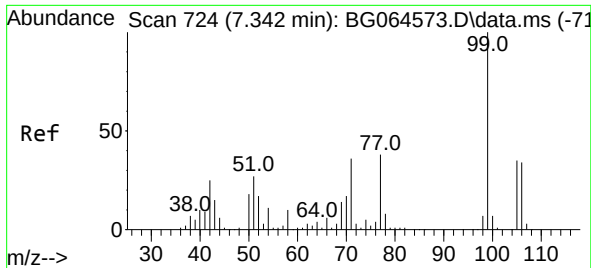
Reviewed By :Jagrut Upadhyay 11/04/2025
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#8
2-Chlorophenol
Concen: 46.861 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064622.D
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Tgt Ion:128 Resp: 90171
Ion Ratio Lower Upper
128 100
130 29.9 13.5 53.5
64 62.8 45.2 85.2





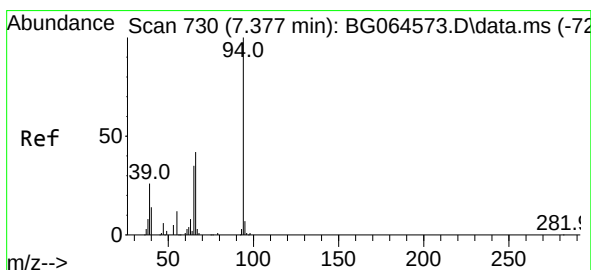
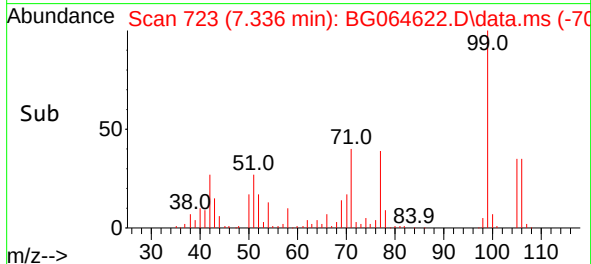
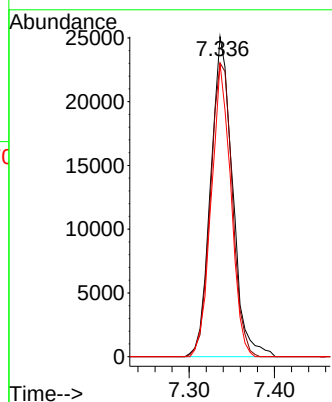
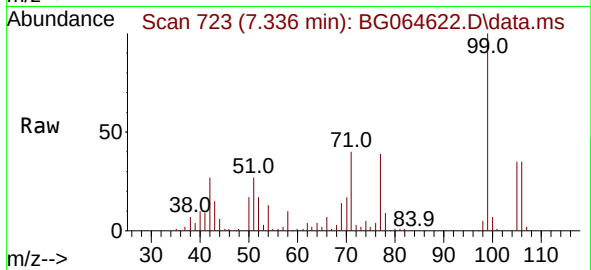
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Benzaldehyde
Concen: 32.430 ng
RT: 7.336 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion: 77 Resp: 4466
Ion Ratio Lower Upper
77 100
105 91.9 72.9 112.9
106 91.6 70.8 110.8

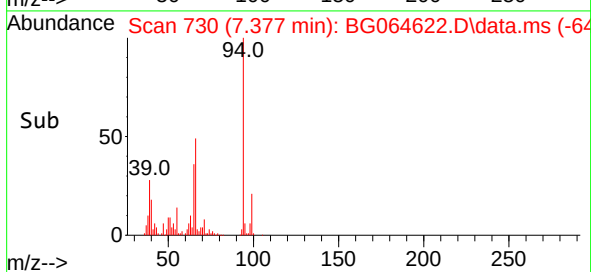
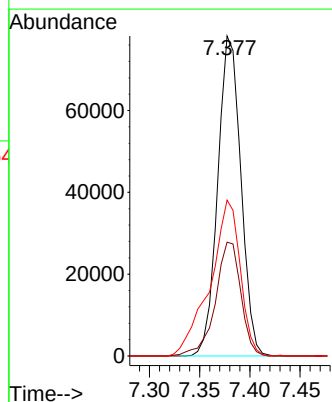
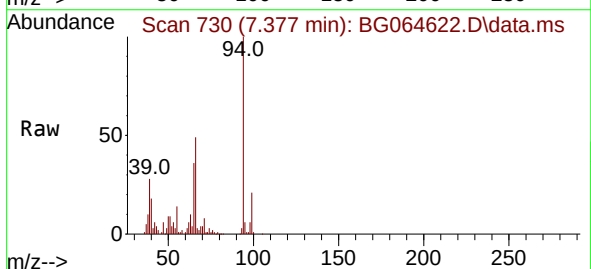
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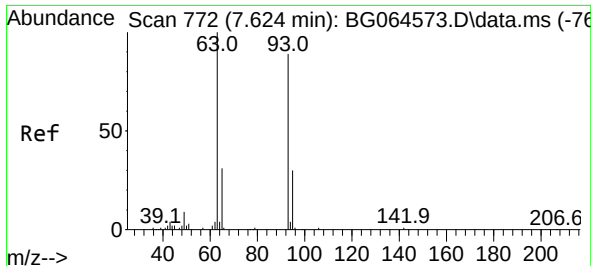
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 44.866 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 94 Resp: 125167
Ion Ratio Lower Upper
94 100
65 35.5 15.8 55.8
66 48.7 24.0 64.0





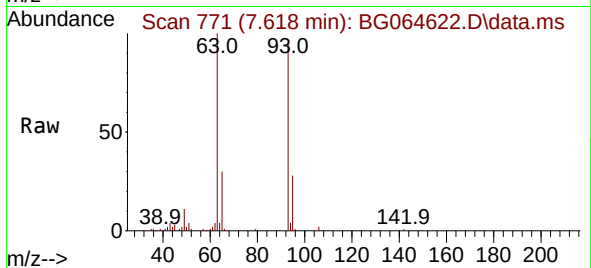
#11
bis(2-Chloroethyl)ether
Concen: 40.034 ng
RT: 7.618 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

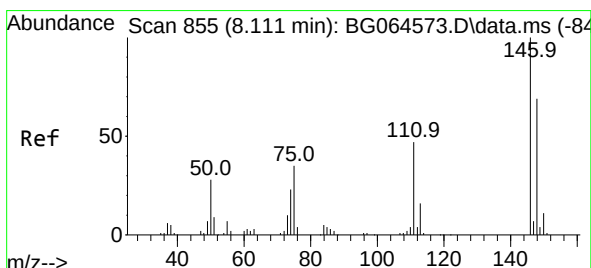
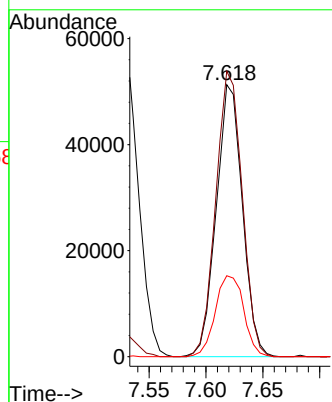
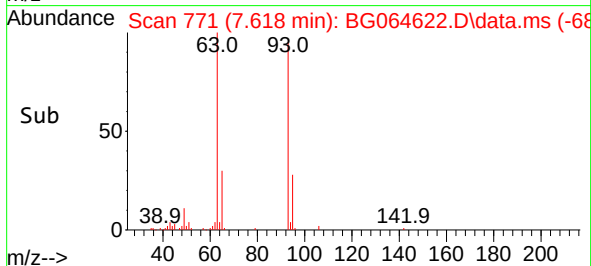


Tgt Ion: 93 Resp: 82115
Ion Ratio Lower Upper
93 100
63 104.9 91.3 131.3
95 29.8 13.3 53.3

Manual Integrations

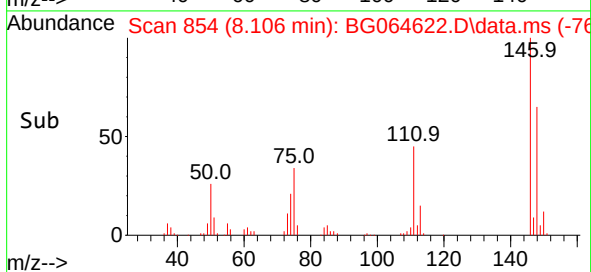
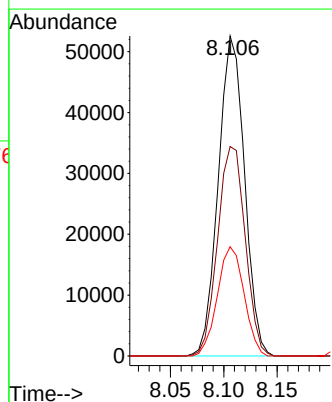
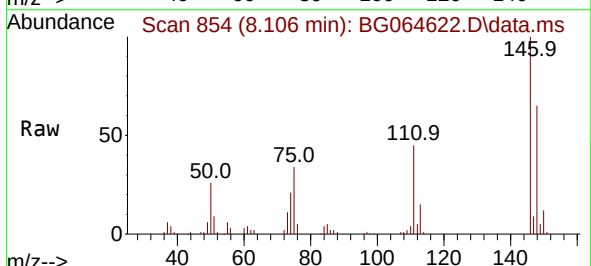
APPROVED

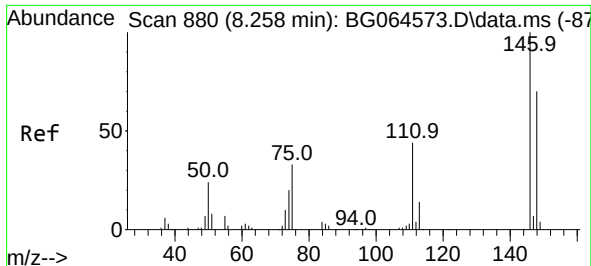
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 40.591 ng
RT: 8.106 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:146 Resp: 89896
Ion Ratio Lower Upper
146 100
148 65.5 55.3 82.9
75 34.2 28.2 42.2





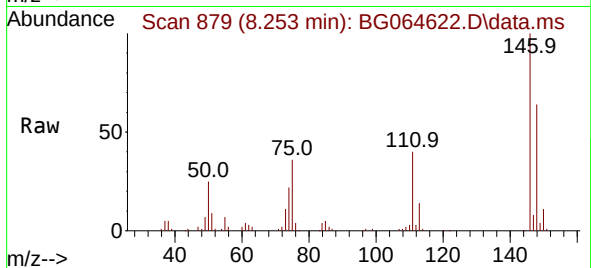
#13
1,4-Dichlorobenzene
Concen: 42.559 ng
RT: 8.253 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

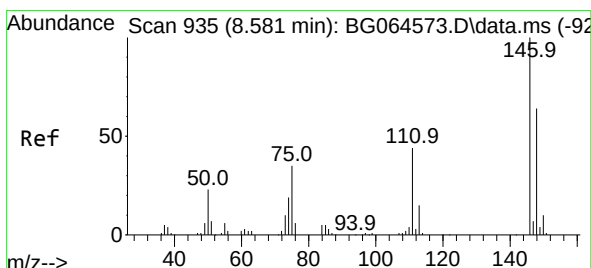
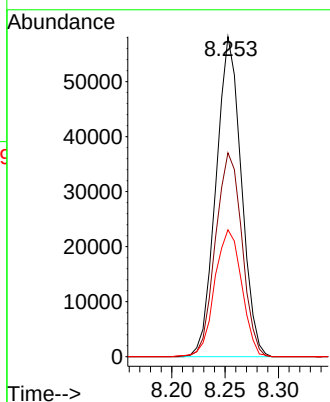
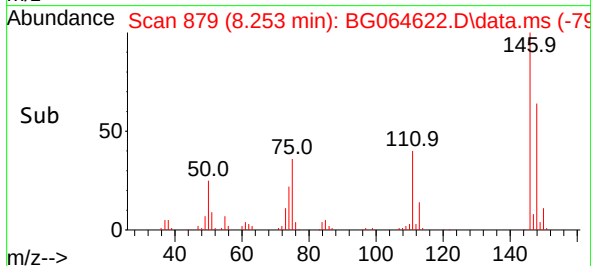


Tgt Ion:146 Resp: 95840
Ion Ratio Lower Upper
146 100
148 63.7 56.2 84.4
111 39.7 35.4 53.0

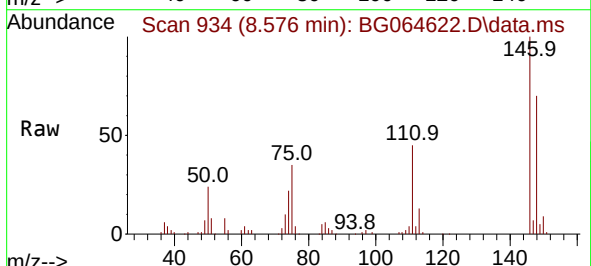
Manual Integrations

APPROVED

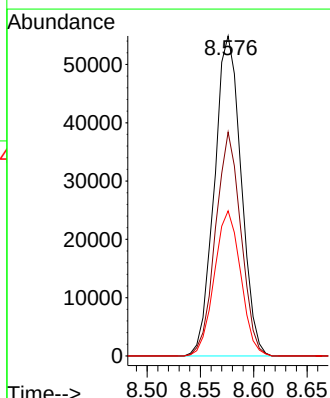
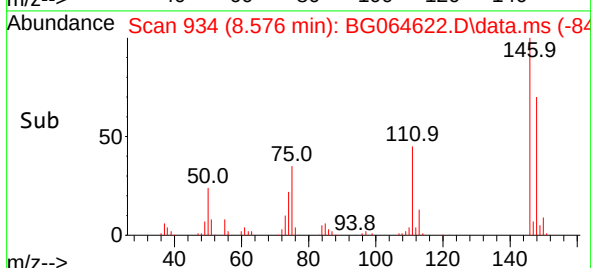
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

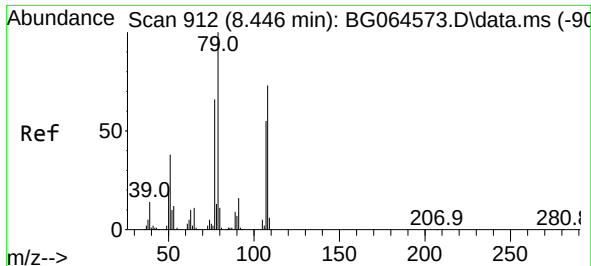


#14
1,2-Dichlorobenzene
Concen: 43.998 ng
RT: 8.576 min Scan# 934
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



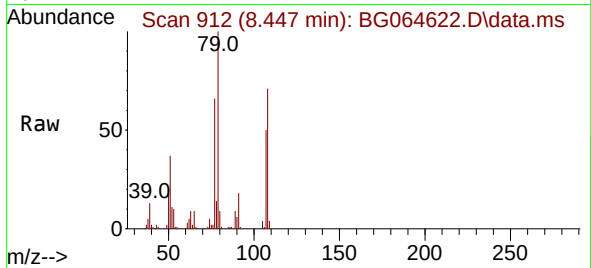
Tgt Ion:146 Resp: 95566
Ion Ratio Lower Upper
146 100
148 69.9 51.5 77.3
111 45.3 35.0 52.6





#15
Benzyl Alcohol
Concen: 46.959 ng
RT: 8.447 min Scan# 912
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

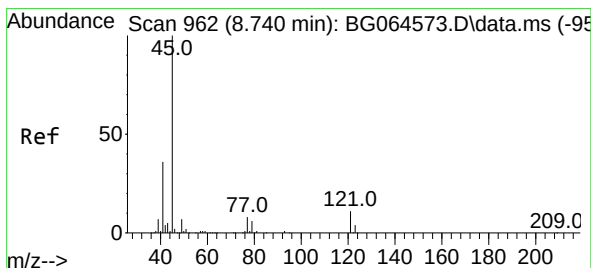
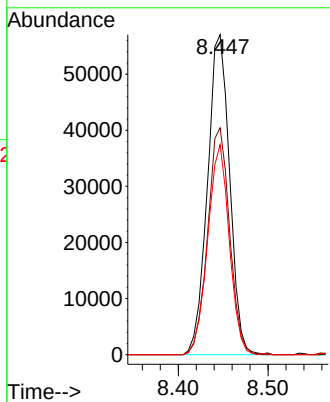
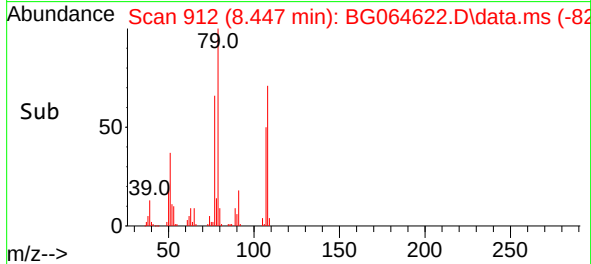
Instrument :
BNA_G
ClientSampleId :
PB170215BS



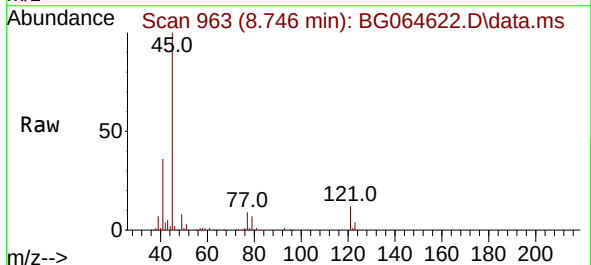
Tgt Ion: 79 Resp: 97685
Ion Ratio Lower Upper
79 100
108 70.9 58.1 87.1
77 65.6 52.8 79.2

Manual Integrations
APPROVED

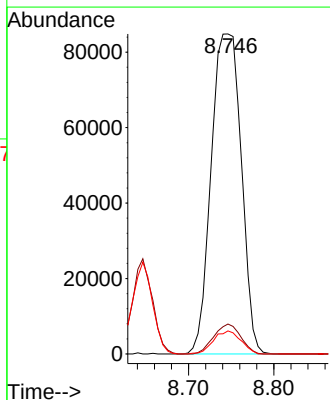
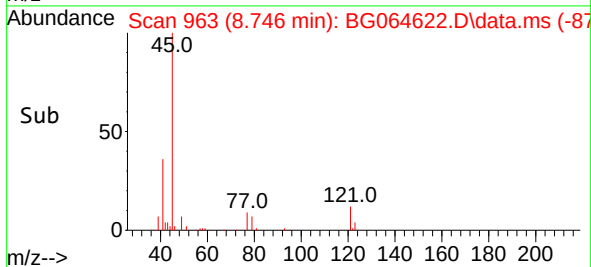
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

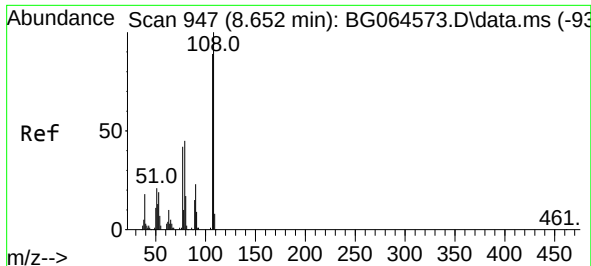


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.690 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



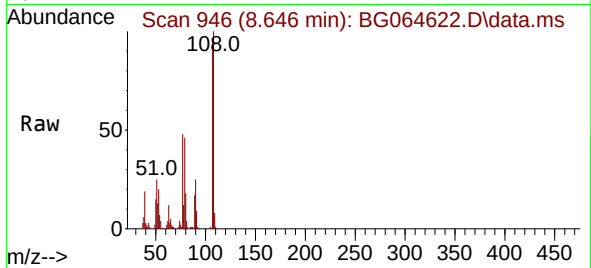
Tgt Ion: 45 Resp: 208165
Ion Ratio Lower Upper
45 100
77 9.4 0.0 28.5
79 7.2 0.0 25.6





#17
2-Methylphenol
Concen: 44.477 ng
RT: 8.646 min Scan# 947
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

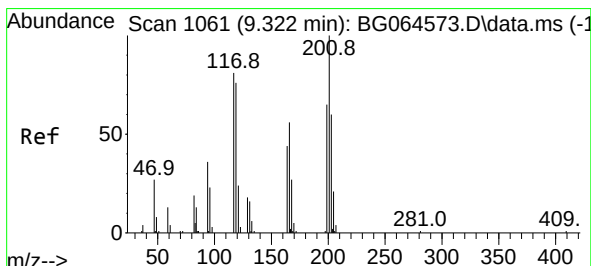
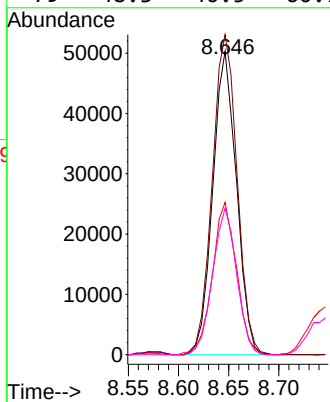
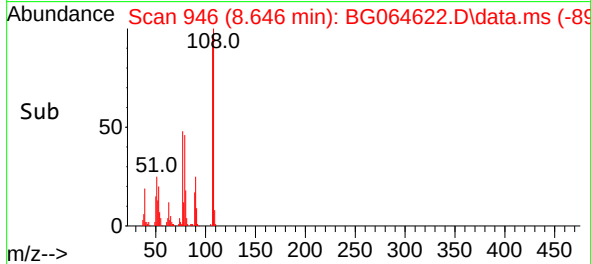
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:107 Resp: 82384
Ion Ratio Lower Upper
107 100
108 105.5 90.0 135.0
77 50.2 37.8 56.8
79 48.3 40.5 60.7

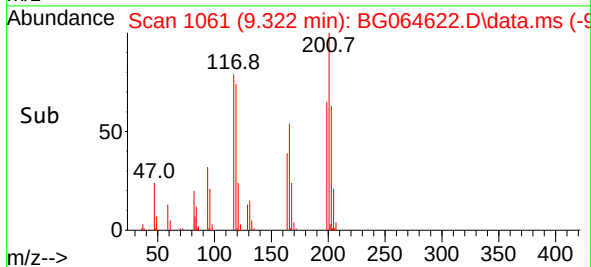
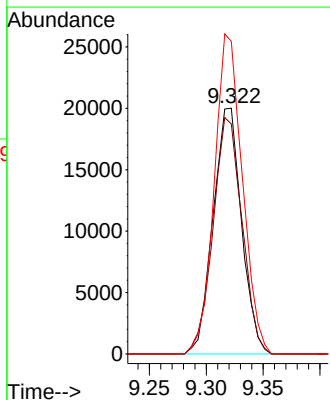
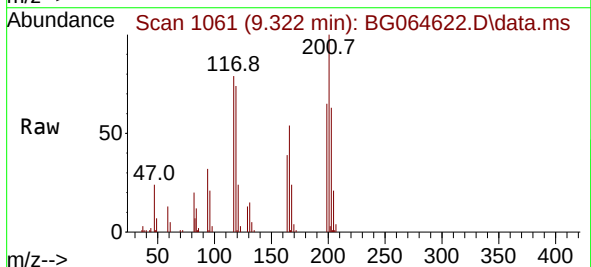
Manual Integrations
APPROVED

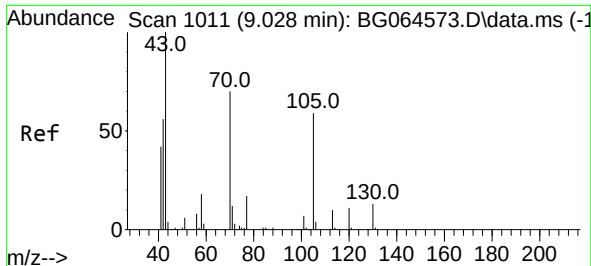
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 44.022 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:117 Resp: 34789
Ion Ratio Lower Upper
117 100
119 93.6 75.4 113.2
201 130.9 99.2 148.8





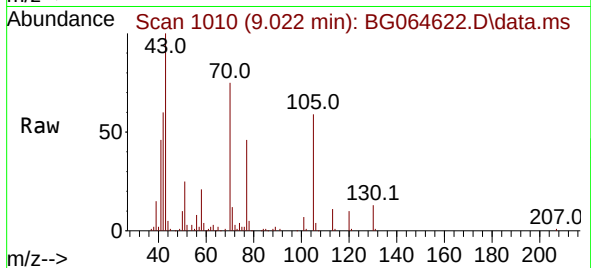
#19
n-Nitroso-di-n-propylamine
Concen: 43.365 ng
RT: 9.022 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

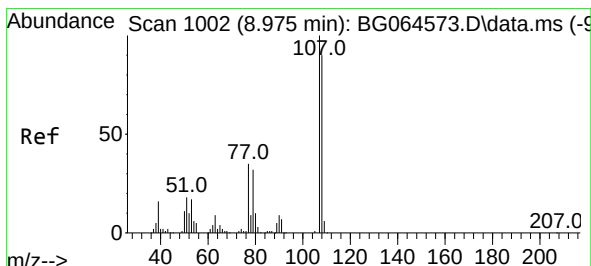
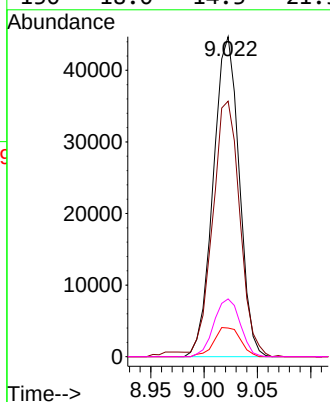
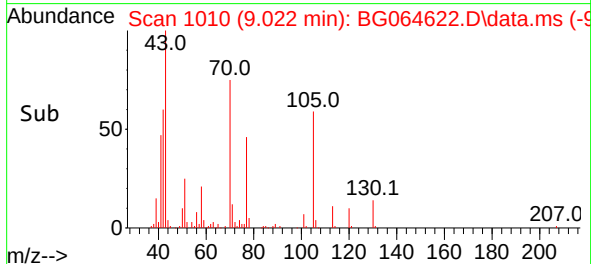


Tgt Ion: 70 Resp: 7560
Ion Ratio Lower Upper
70 100
42 79.8 65.2 97.8
101 9.0 7.9 11.9
130 18.0 14.3 21.5

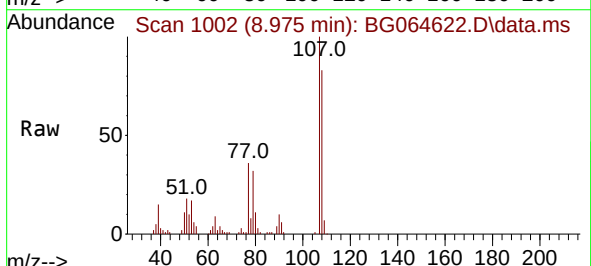
Manual Integrations

APPROVED

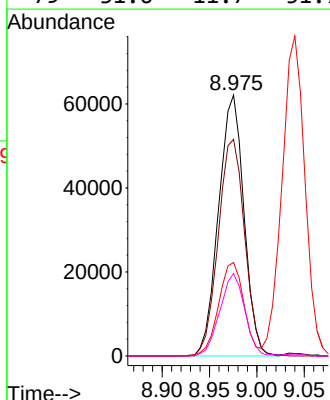
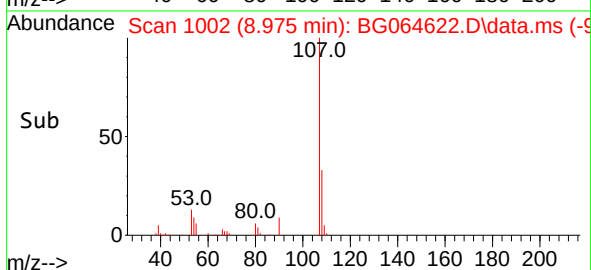
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

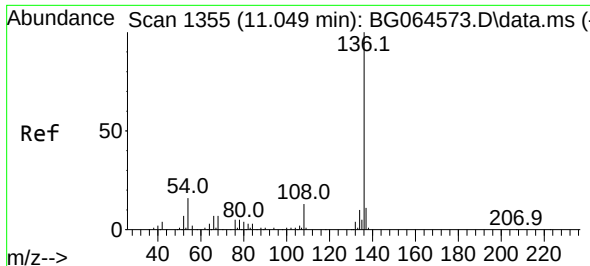


#20
3+4-Methylphenols
Concen: 44.339 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion:107 Resp: 115498
Ion Ratio Lower Upper
107 100
108 83.0 70.3 110.3
77 35.8 14.6 54.6
79 31.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1103
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

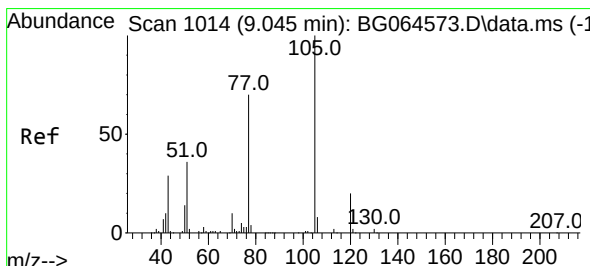
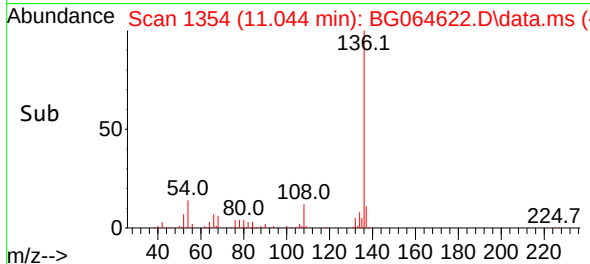
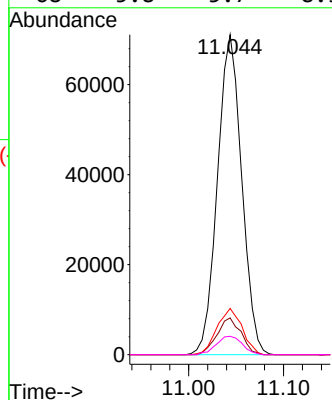
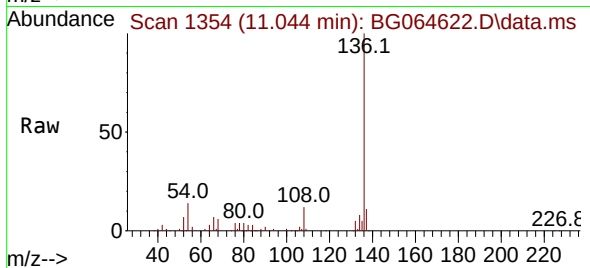
PB170215BS

Tgt Ion:136 Resp: 126314
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 14.5 12.6 19.0
68 5.8 5.7 8.5

Manual Integrations

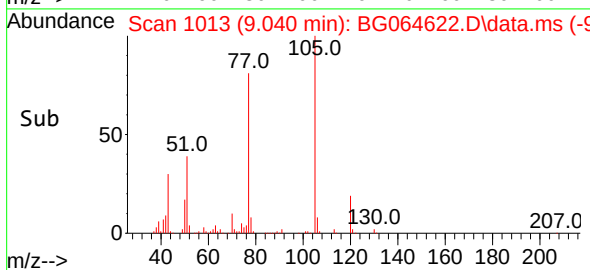
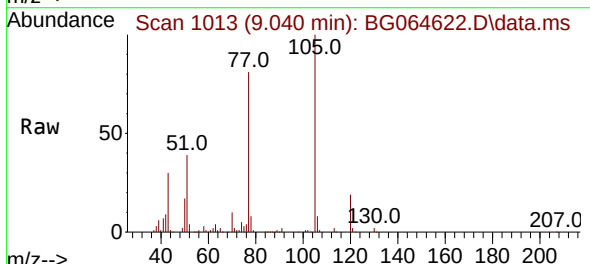
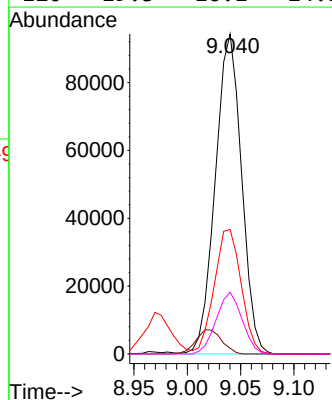
APPROVED

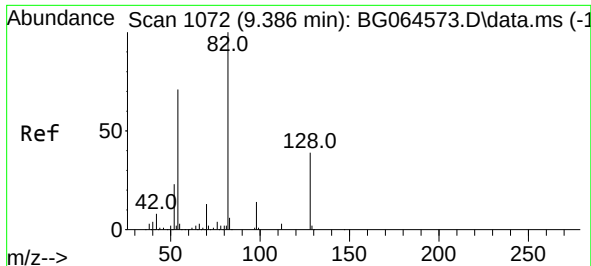
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 46.691 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:105 Resp: 161222
Ion Ratio Lower Upper
105 100
71 1.8 1.5 2.3
51 38.9 33.7 50.5
120 19.3 16.1 24.1





#23
Nitrobenzene-d5
Concen: 95.443 ng
RT: 9.381 min Scan# 1072
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

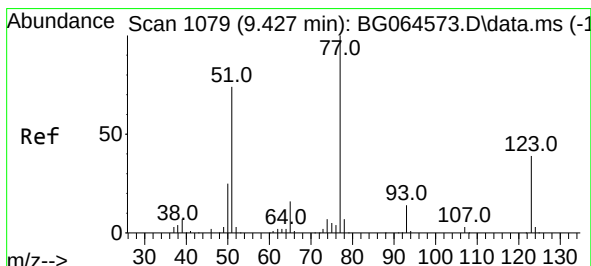
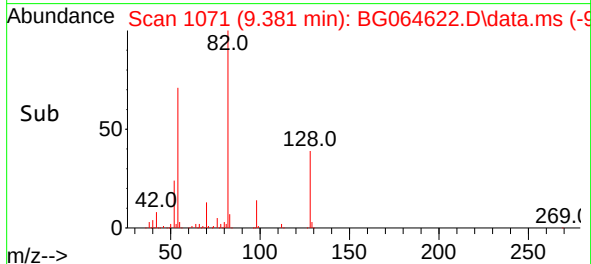
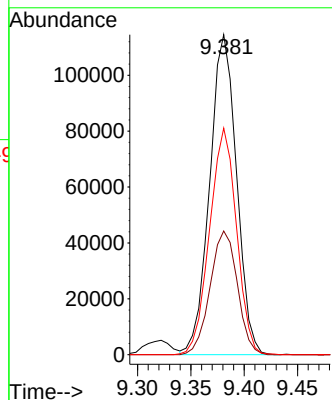
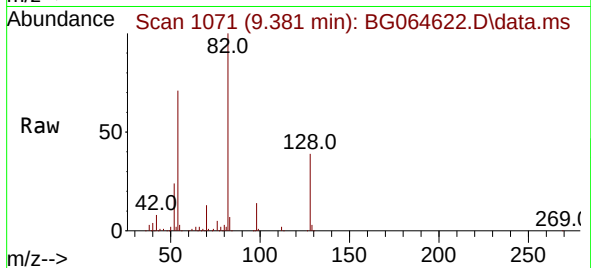
PB170215BS

Tgt Ion: 82 Resp: 20072
Ion Ratio Lower Upper
82 100
128 38.7 31.3 46.9
54 70.8 56.6 84.8

Manual Integrations

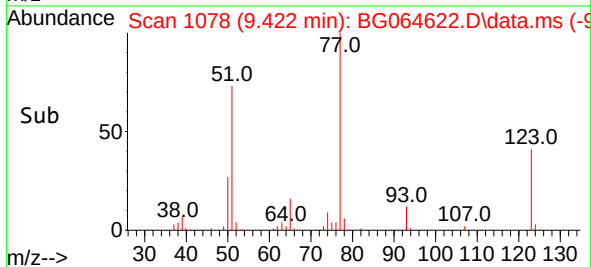
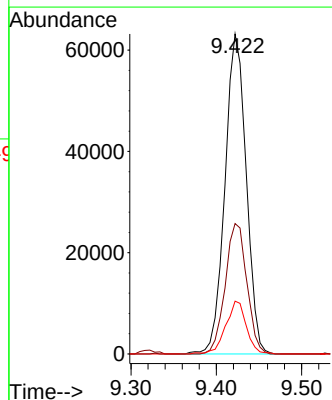
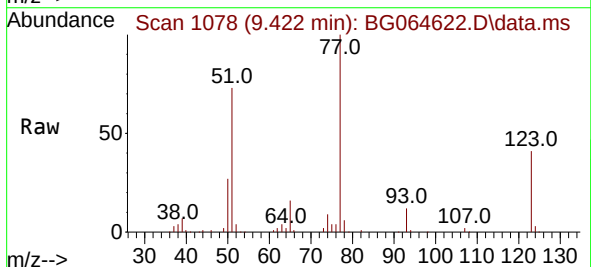
APPROVED

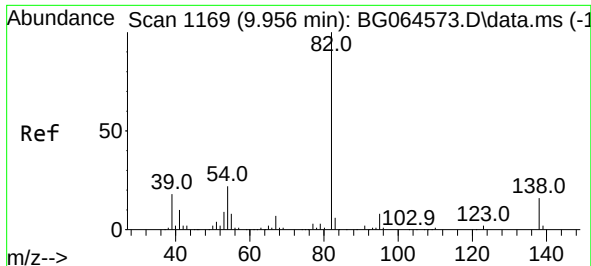
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#24
Nitrobenzene
Concen: 47.891 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 77 Resp: 109545
Ion Ratio Lower Upper
77 100
123 40.7 31.0 46.6
65 16.5 12.7 19.1





#25
Isophorone
Concen: 42.623 ng
RT: 9.951 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

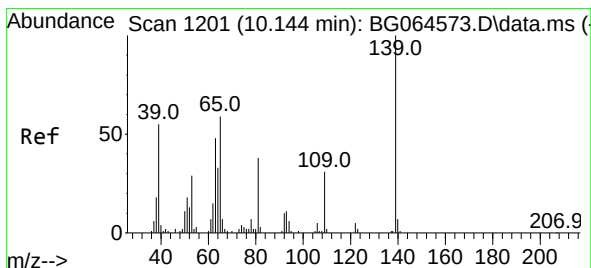
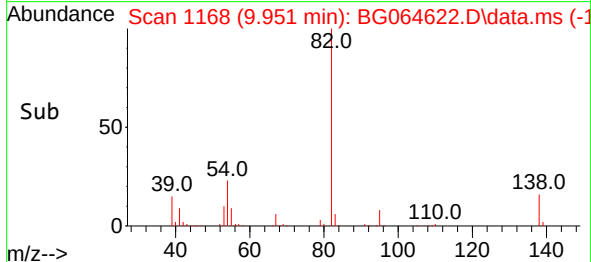
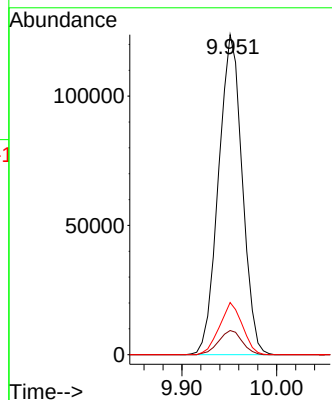
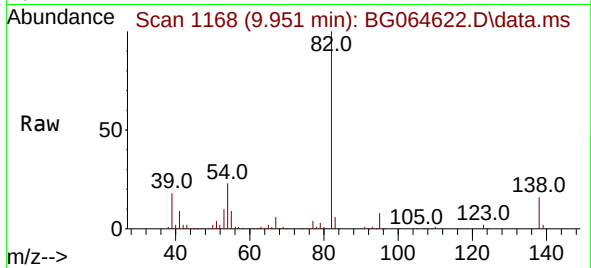
PB170215BS

Tgt Ion: 82 Resp: 215090
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.3 13.0 19.4

Manual Integrations

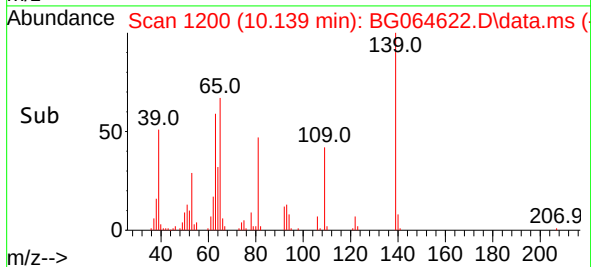
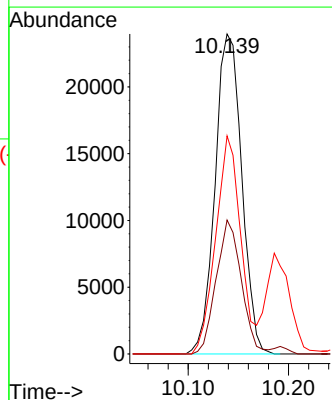
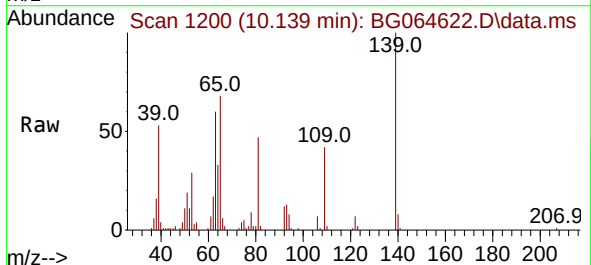
APPROVED

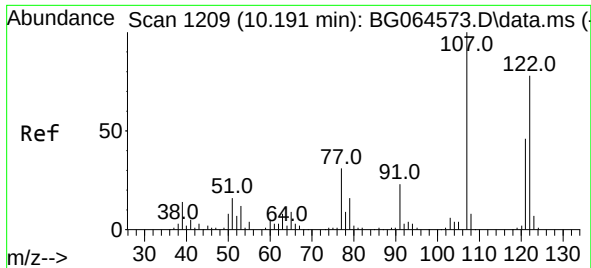
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 49.908 ng
RT: 10.139 min Scan# 1200
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:139 Resp: 44164
Ion Ratio Lower Upper
139 100
109 41.8 24.6 37.0#
65 68.2 47.5 71.3





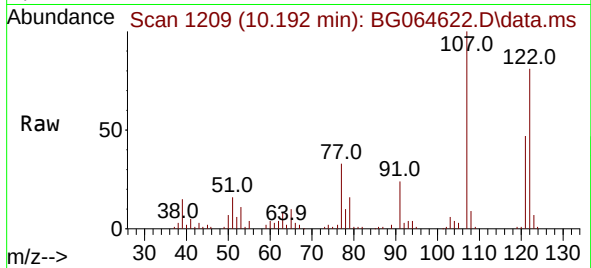
#27
2,4-Dimethylphenol
Concen: 50.981 ng
RT: 10.192 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

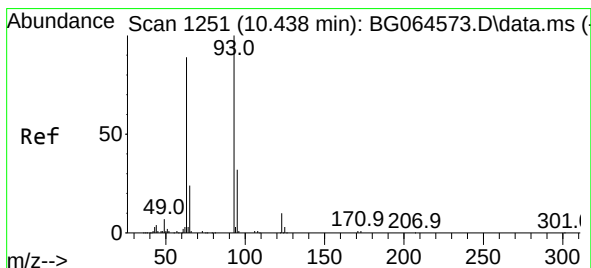
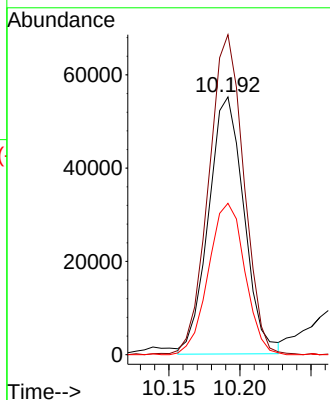
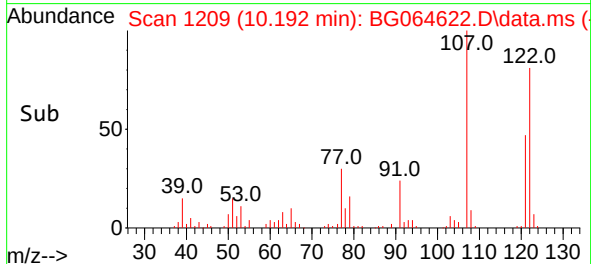


Tgt Ion:122 Resp: 95690
Ion Ratio Lower Upper
122 100
107 124.2 103.0 154.4
121 58.7 47.8 71.8

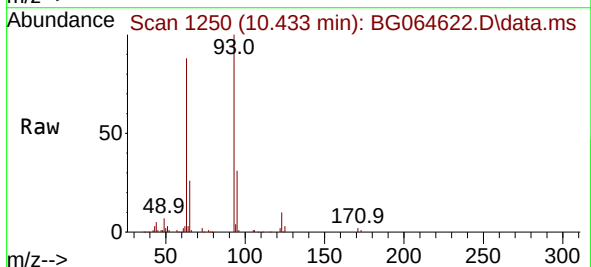
Manual Integrations

APPROVED

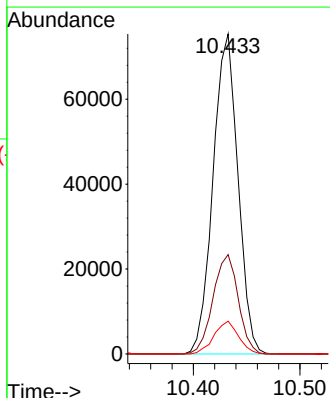
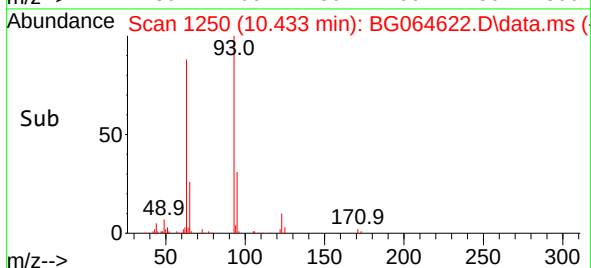
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

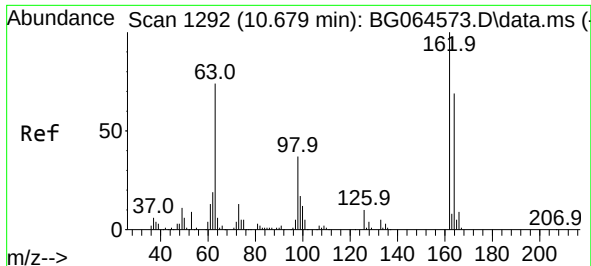


#28
bis(2-Chloroethoxy)methane
Concen: 42.458 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion: 93 Resp: 121990
Ion Ratio Lower Upper
93 100
95 31.0 25.4 38.2
123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.036 ng

RT: 10.679 min Scan# 1292

Delta R.T. 0.001 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

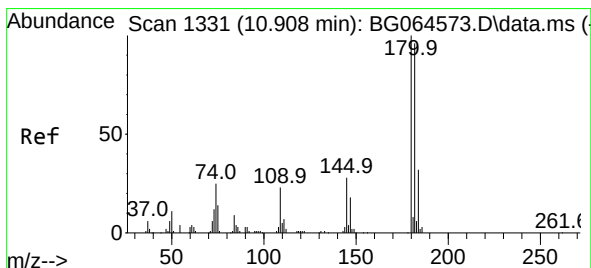
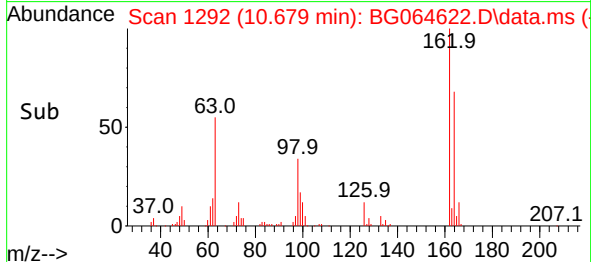
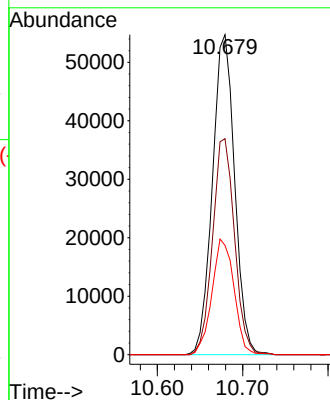
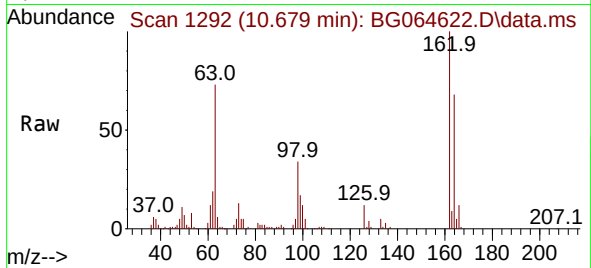
PB170215BS

Tgt Ion:	162	Resp:	9905
Ion Ratio	Lower	Upper	
162	100		
164	67.5	48.7	88.7
98	34.2	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: 46.541 ng

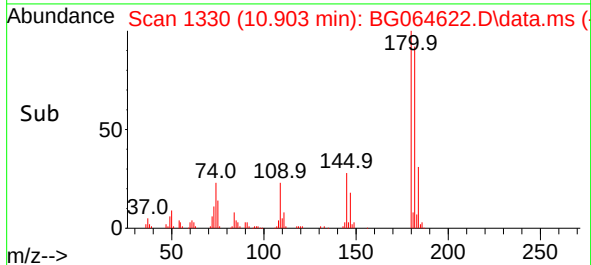
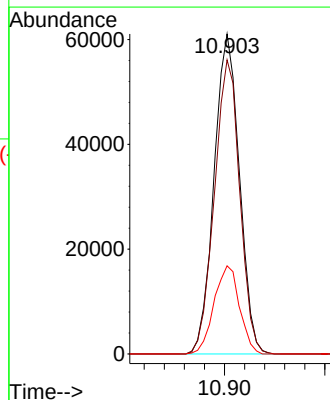
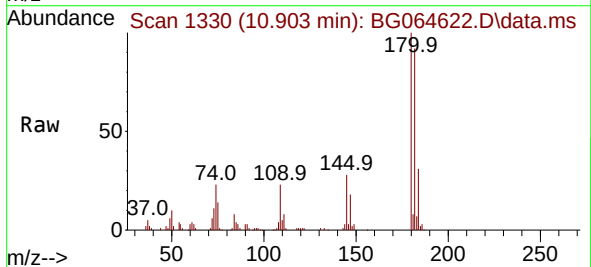
RT: 10.903 min Scan# 1330

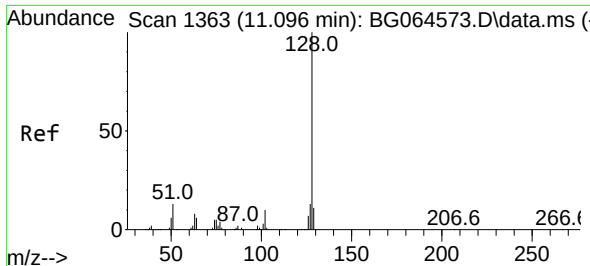
Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

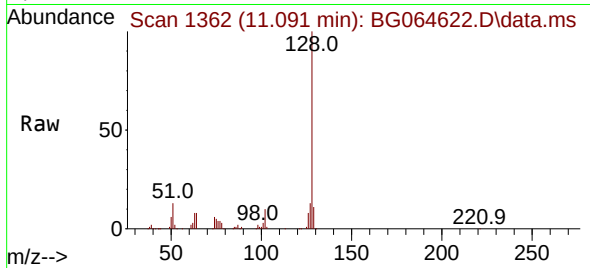
Tgt Ion:	180	Resp:	106824
Ion Ratio	Lower	Upper	
180	100		
182	91.9	76.9	115.3
145	27.5	22.1	33.1





#31
Naphthalene
Concen: 42.229 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

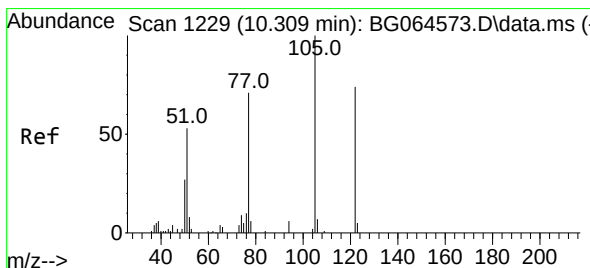
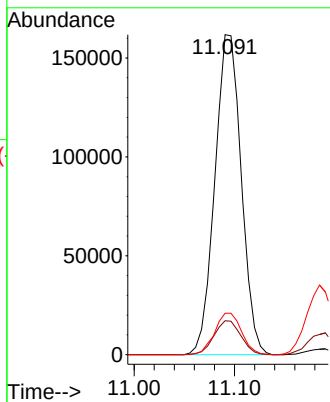
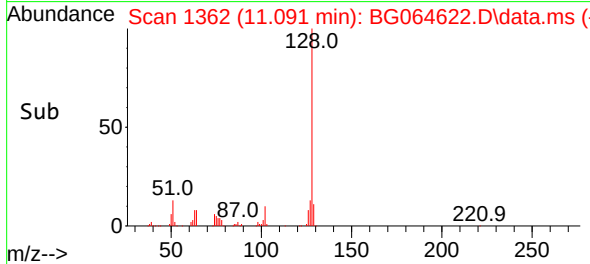
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:128 Resp: 295744
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.6 15.8

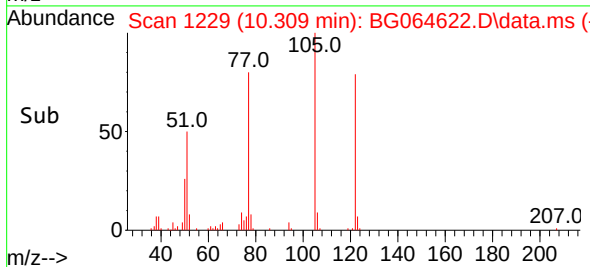
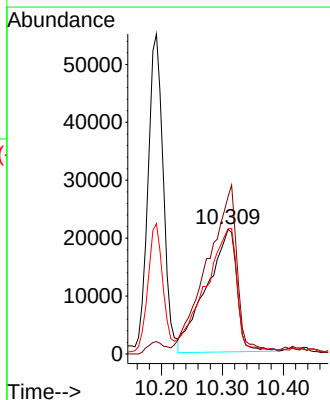
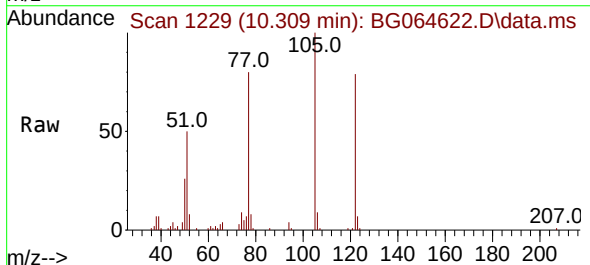
Manual Integrations
APPROVED

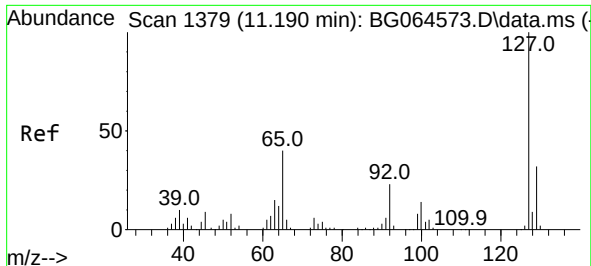
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 50.777 ng
RT: 10.309 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:122 Resp: 73385
Ion Ratio Lower Upper
122 100
105 126.3 104.2 144.2
77 100.4 70.2 110.2





#33
4-Chloroaniline
Concen: 23.675 ng
RT: 11.185 min Scan# 11185
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

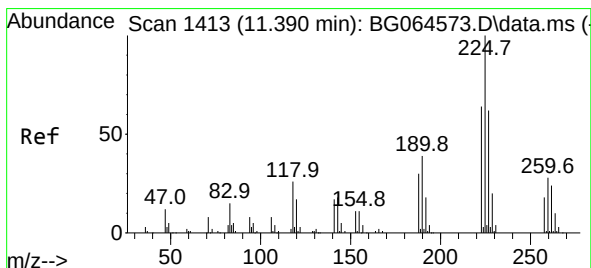
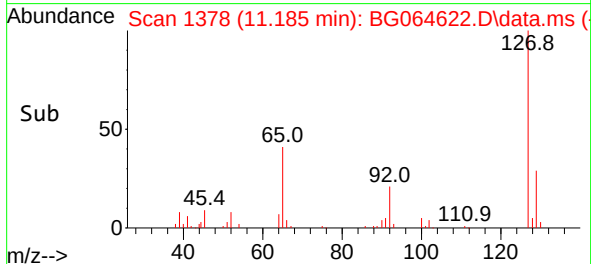
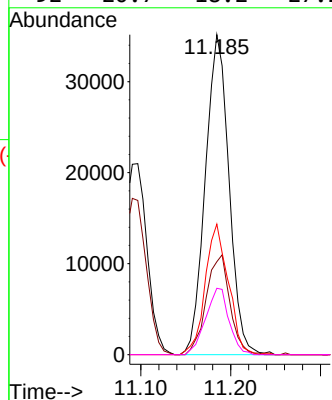
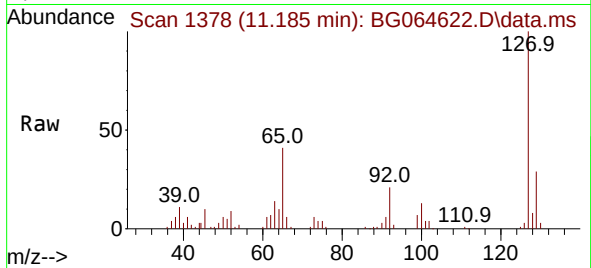
PB170215BS

Tgt Ion:127 Resp: 6444
Ion Ratio Lower Upper
127 100
129 29.0 25.5 38.3
65 40.8 32.2 48.4
92 20.7 18.2 27.2

Manual Integrations

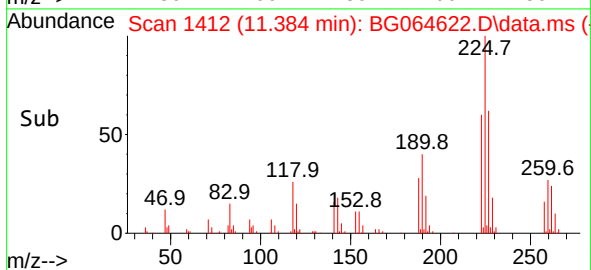
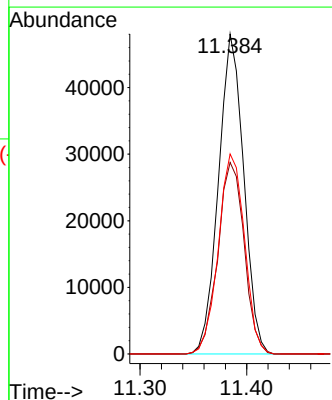
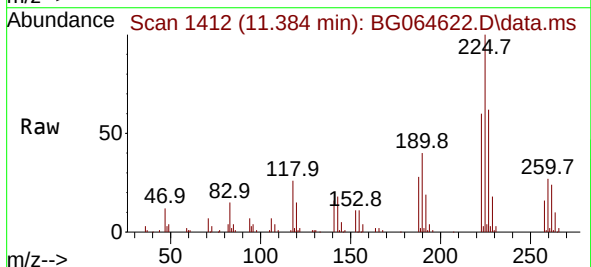
APPROVED

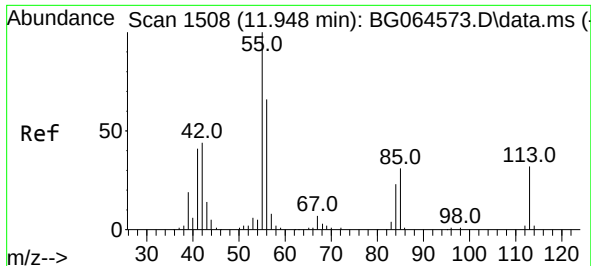
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 43.919 ng
RT: 11.384 min Scan# 1412
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:225 Resp: 78836
Ion Ratio Lower Upper
225 100
223 57.4 48.8 73.2
227 62.7 49.5 74.3





#35
Caprolactam
Concen: 45.484 ng m
RT: 11.943 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

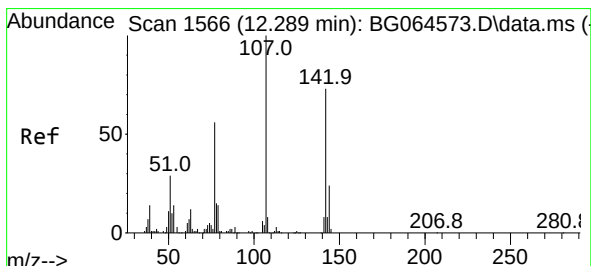
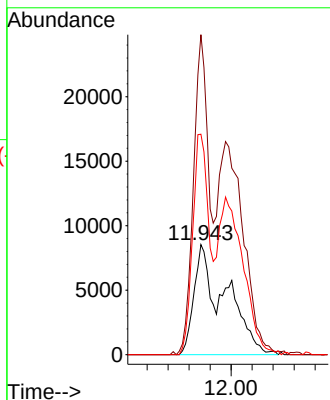
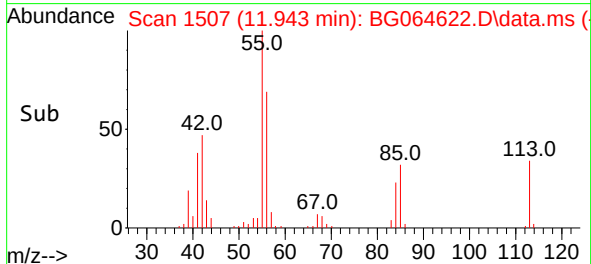
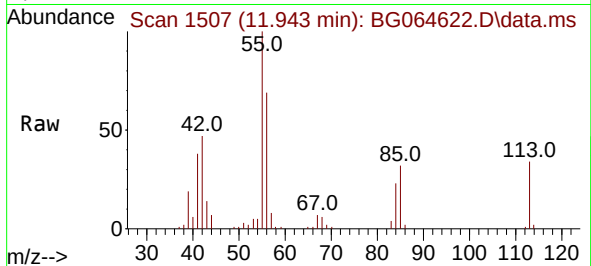
PB170215BS

Tgt Ion:113 Resp: 3524
Ion Ratio Lower Upper
113 100
55 290.8 290.1 330.1
56 200.3 183.8 223.8

Manual Integrations

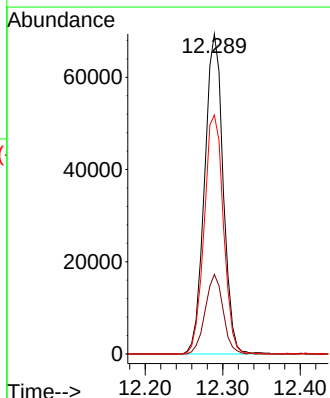
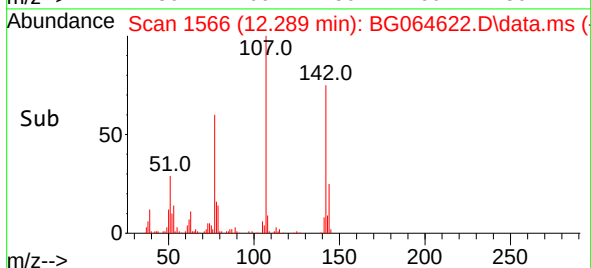
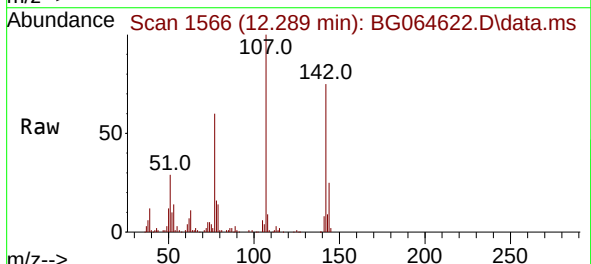
APPROVED

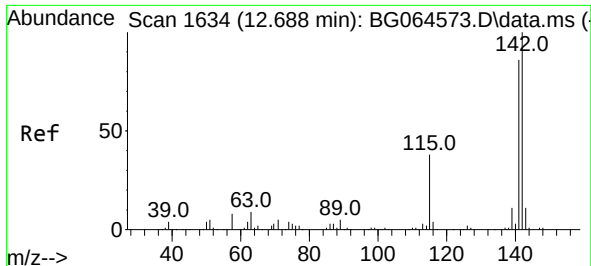
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 47.506 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:107 Resp: 115355
Ion Ratio Lower Upper
107 100
144 24.9 19.1 28.7
142 74.6 58.6 87.8





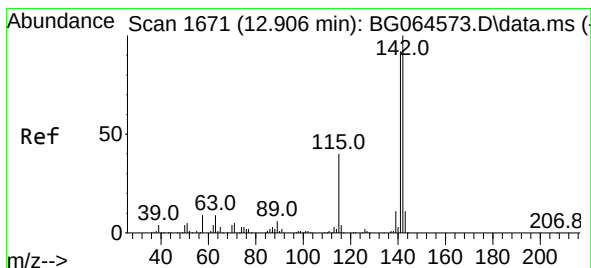
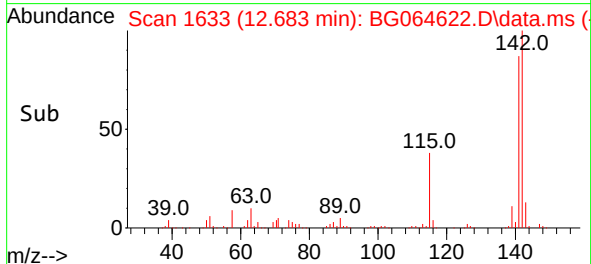
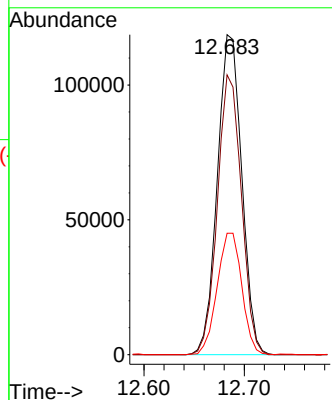
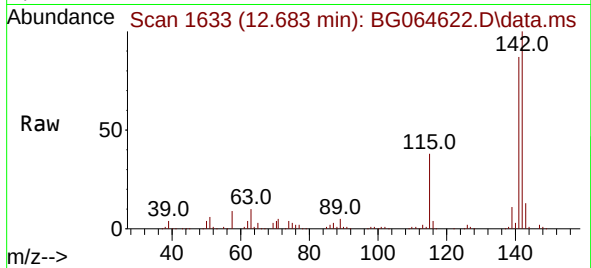
#37
2-Methylnaphthalene
Concen: 39.066 ng
RT: 12.683 min Scan# 1633
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:142 Resp: 20086
Ion Ratio Lower Upper
142 100
141 87.5 68.9 103.3
115 38.0 30.6 46.0

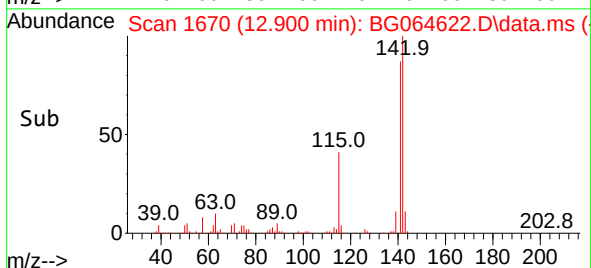
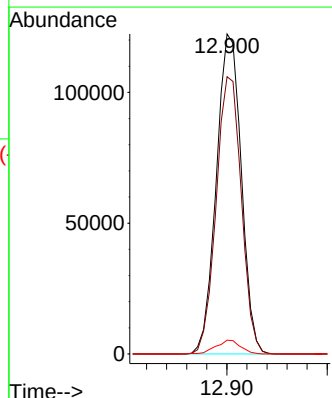
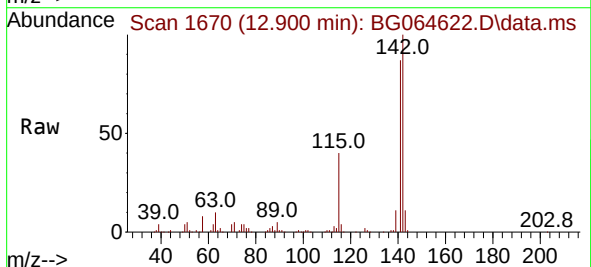
Manual Integrations
APPROVED

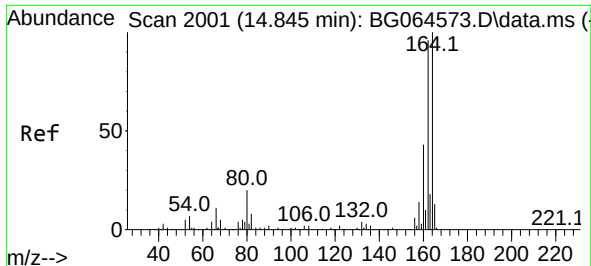
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 41.413 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:142 Resp: 210799
Ion Ratio Lower Upper
142 100
141 86.7 73.3 109.9
116 4.3 3.1 4.7





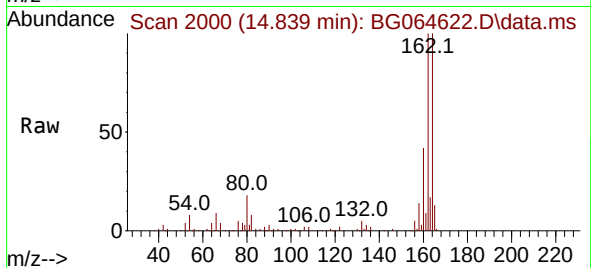
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

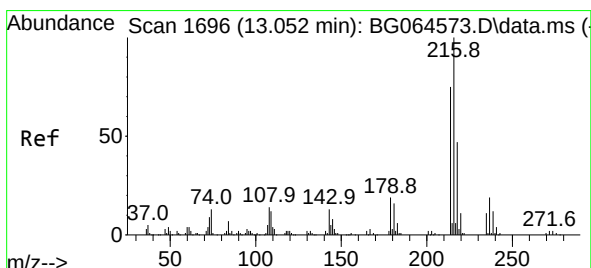
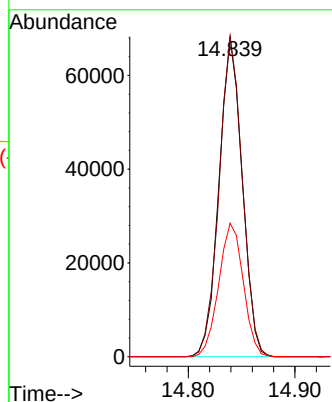
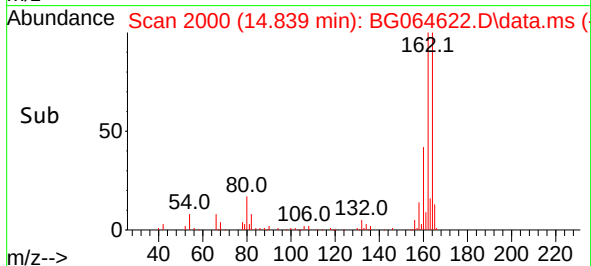


Tgt Ion:164 Resp: 102610
Ion Ratio Lower Upper
164 100
162 100.2 77.0 115.6
160 41.8 34.4 51.6

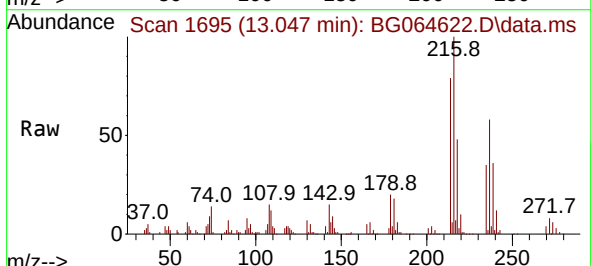
Manual Integrations

APPROVED

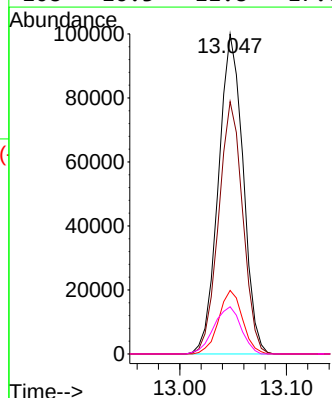
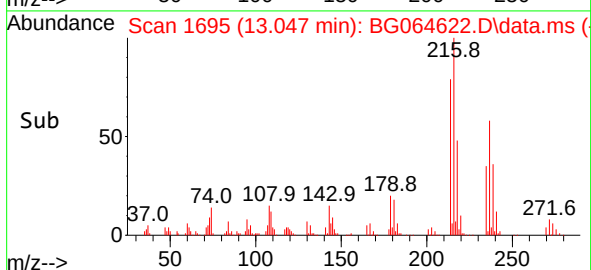
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

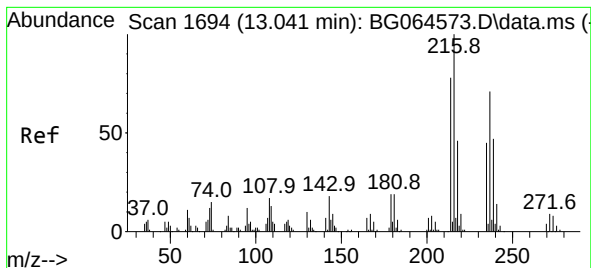


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.629 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



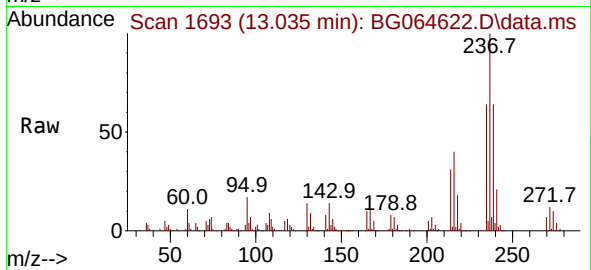
Tgt Ion:216 Resp: 160584
Ion Ratio Lower Upper
216 100
214 77.1 61.4 92.2
179 19.2 15.4 23.0
108 16.3 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 124.589 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

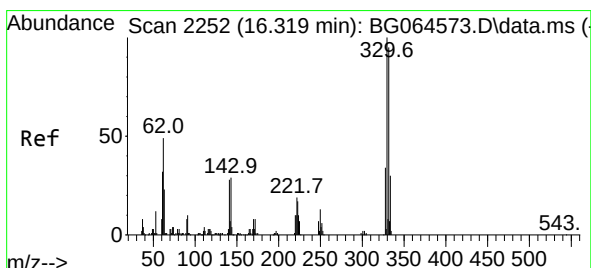
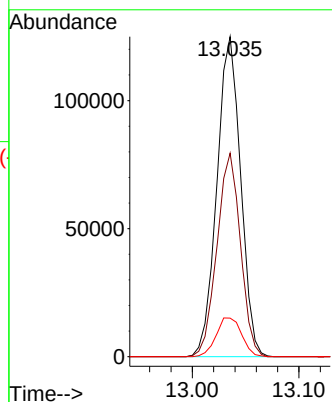
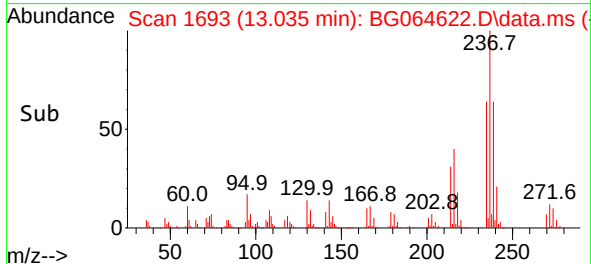
Instrument :
BNA_G
ClientSampleId :
PB170215BS



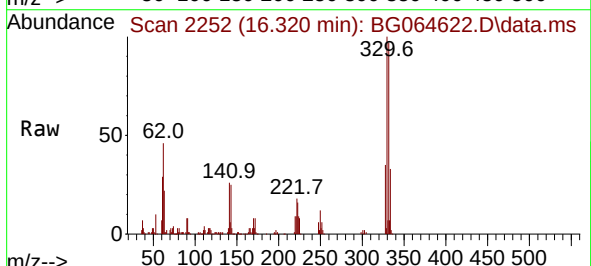
Tgt Ion:237 Resp: 193120
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 12.1 0.0 32.4

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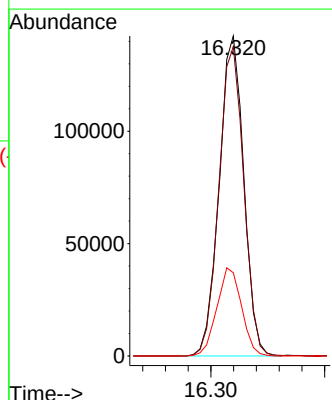
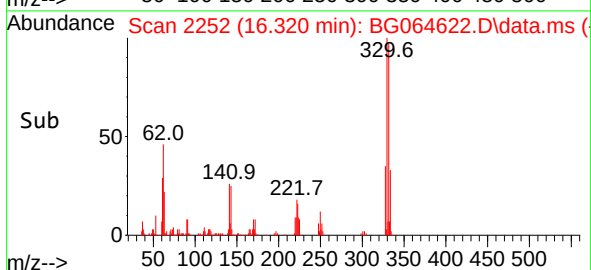
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

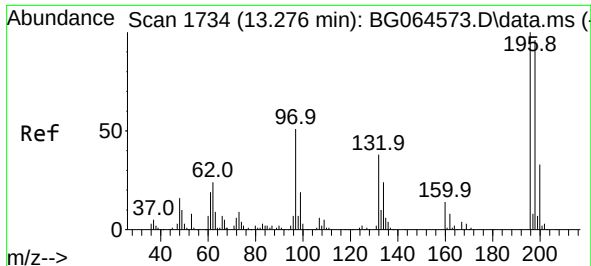


#42
2,4,6-Tribromophenol
Concen: 144.224 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion:330 Resp: 213604
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 27.7 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 49.656 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

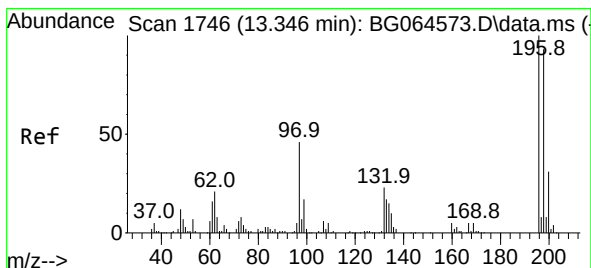
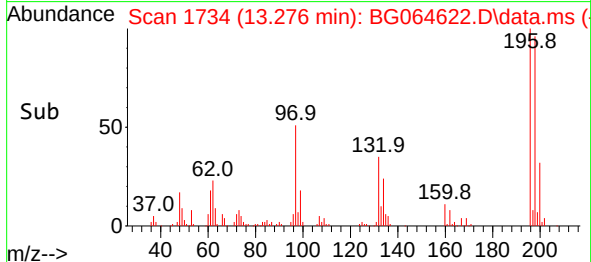
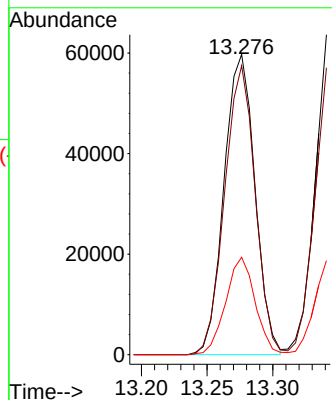
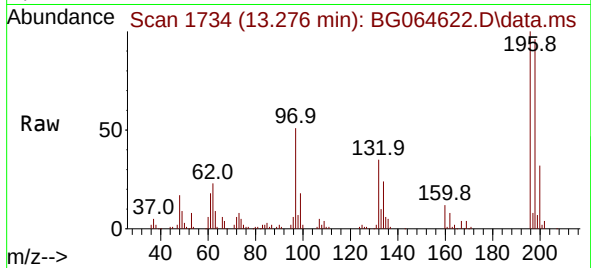
PB170215BS

Tgt Ion:196 Resp: 97819
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
200 32.5 26.0 39.0

Manual Integrations

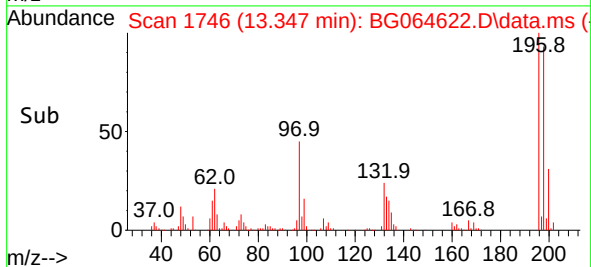
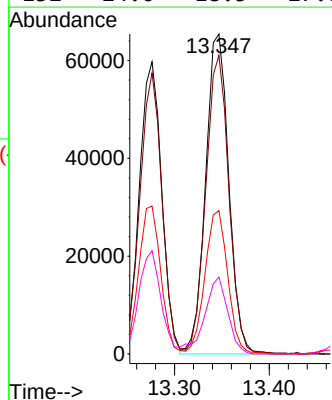
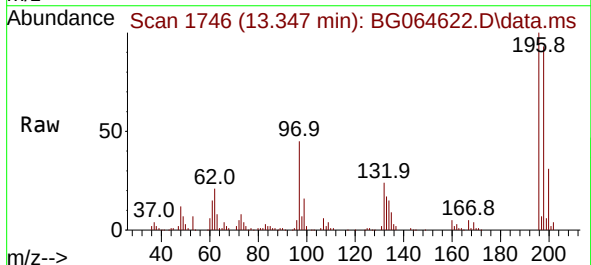
APPROVED

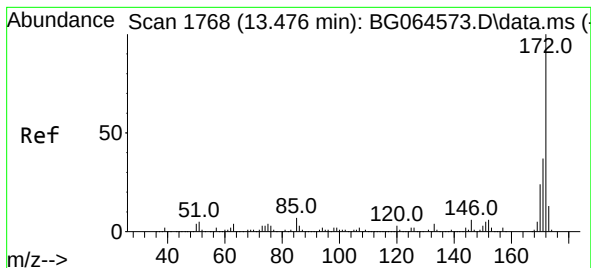
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 48.976 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:196 Resp: 111336
Ion Ratio Lower Upper
196 100
198 93.3 74.2 111.4
97 44.8 37.0 55.6
132 24.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 79.642 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

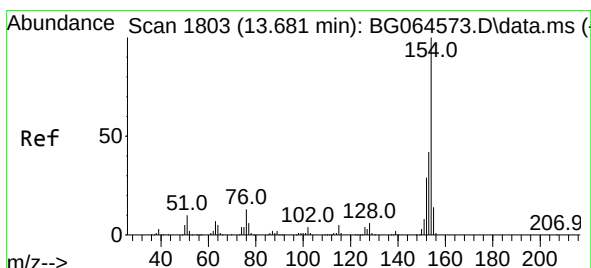
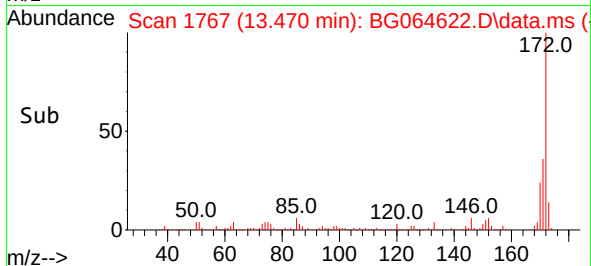
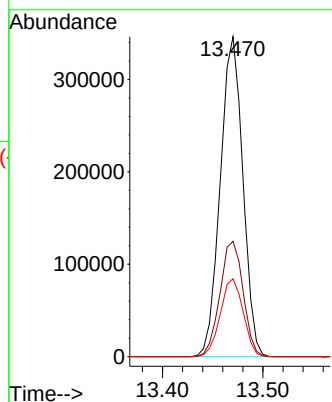
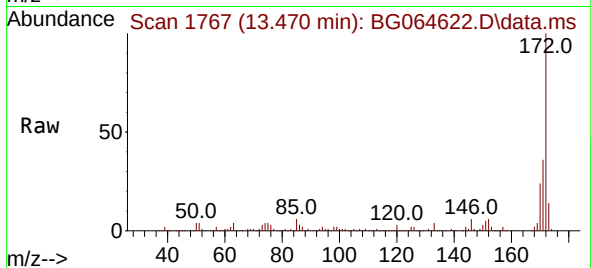
PB170215BS

Tgt Ion:172 Resp: 53917
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.4 19.1 28.7

Manual Integrations

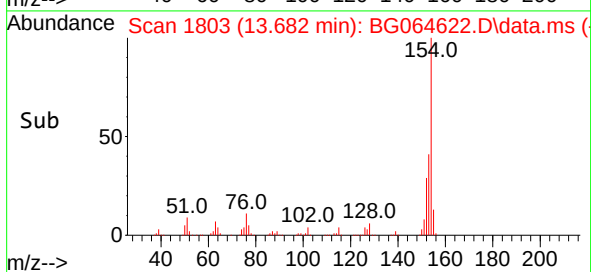
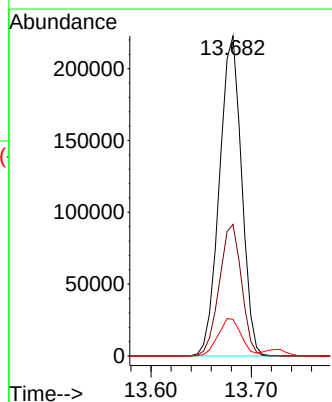
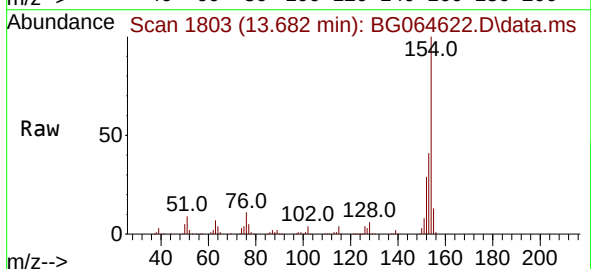
APPROVED

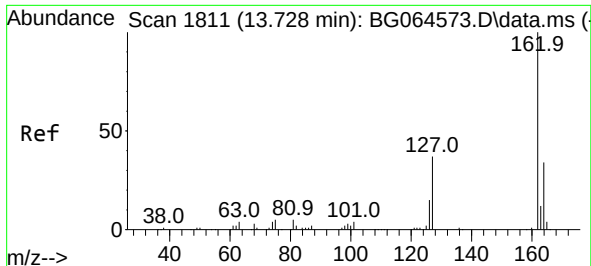
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#46
1,1'-Biphenyl
Concen: 46.801 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:154 Resp: 341429
Ion Ratio Lower Upper
154 100
153 41.1 22.4 62.4
76 11.4 0.0 33.5





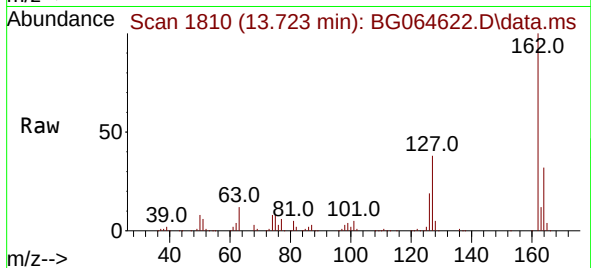
#47
2-Chloronaphthalene
Concen: 42.637 ng
RT: 13.723 min Scan# 1811
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

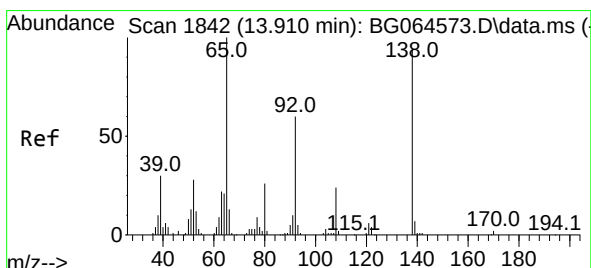
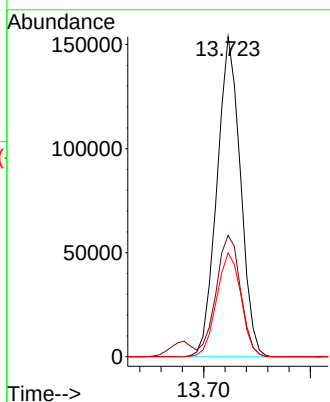
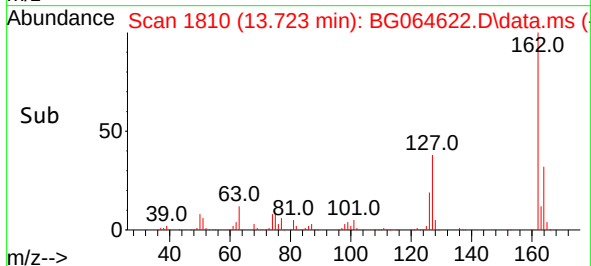


Tgt Ion:162 Resp: 23478
Ion Ratio Lower Upper
162 100
127 37.9 32.2 48.2
164 32.4 27.5 41.3

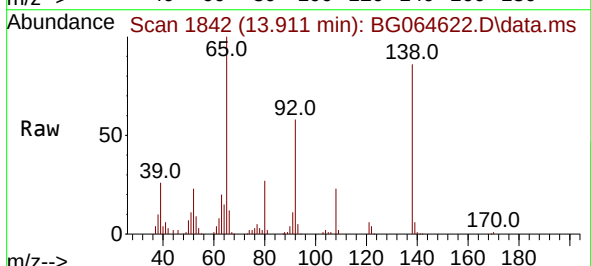
Manual Integrations

APPROVED

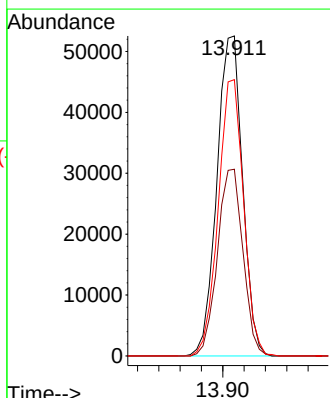
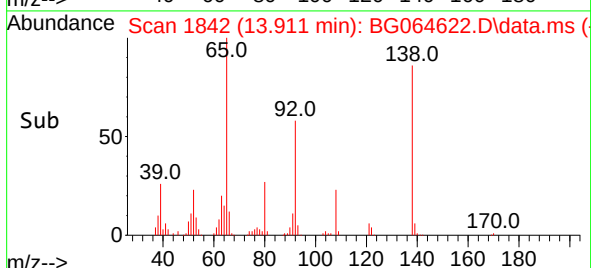
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

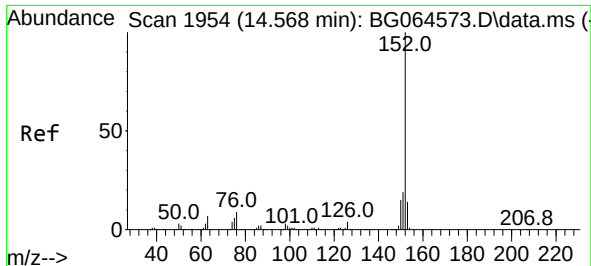


#48
2-Nitroaniline
Concen: 47.555 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



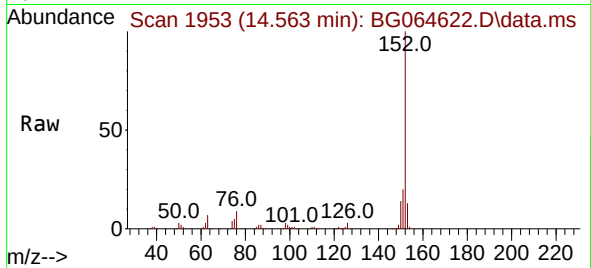
Tgt Ion: 65 Resp: 87853
Ion Ratio Lower Upper
65 100
92 58.4 48.3 72.5
138 86.3 74.9 112.3





#49
Acenaphthylene
Concen: 49.562 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

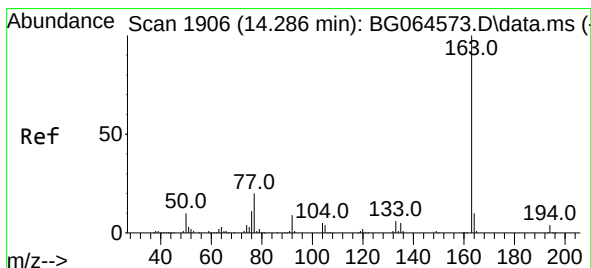
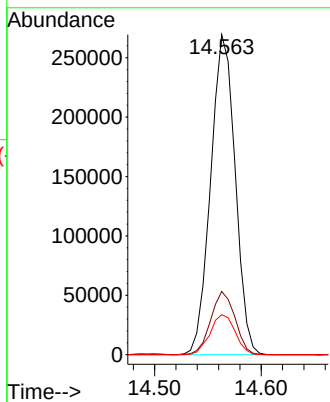
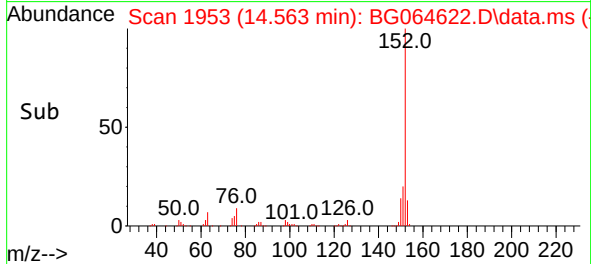
Instrument :
BNA_G
ClientSampleId :
PB170215BS



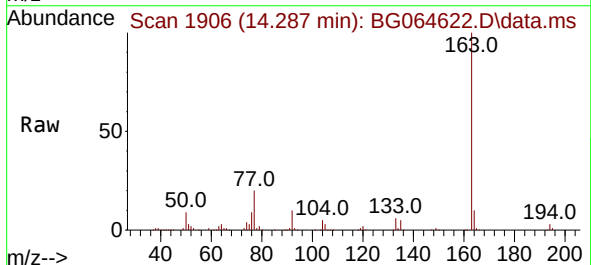
Tgt Ion:152 Resp: 43048
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 12.5 11.0 16.4

Manual Integrations
APPROVED

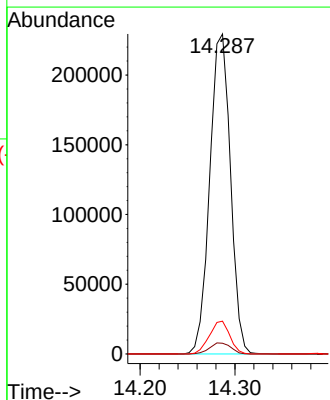
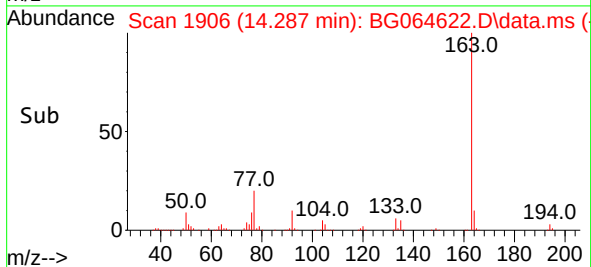
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

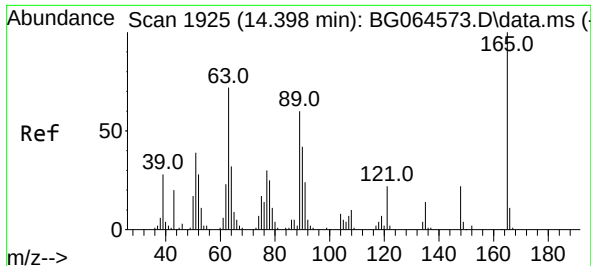


#50
Dimethylphthalate
Concen: 44.275 ng
RT: 14.287 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion:163 Resp: 347656
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 7.7 11.5





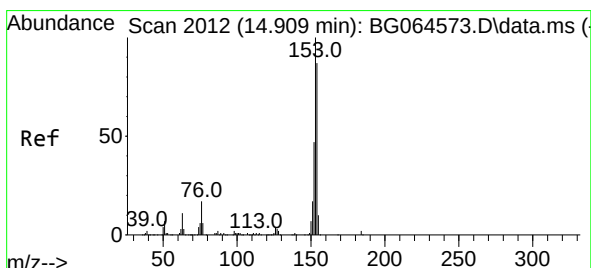
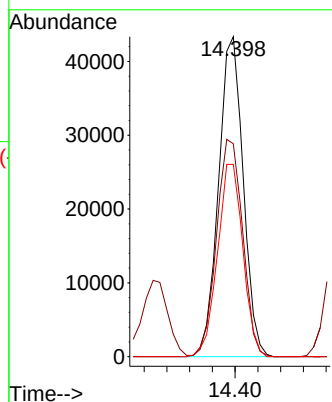
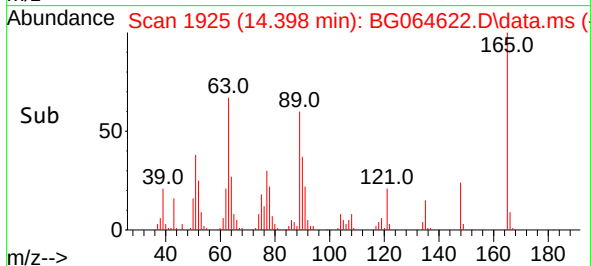
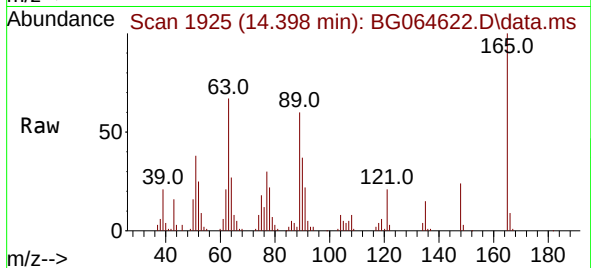
#51
2,6-Dinitrotoluene
Concen: 50.188 ng
RT: 14.398 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:165 Resp: 65227
Ion Ratio Lower Upper
165 100
63 66.6 57.4 86.0
89 60.1 47.8 71.8

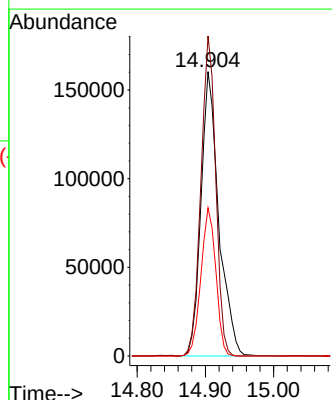
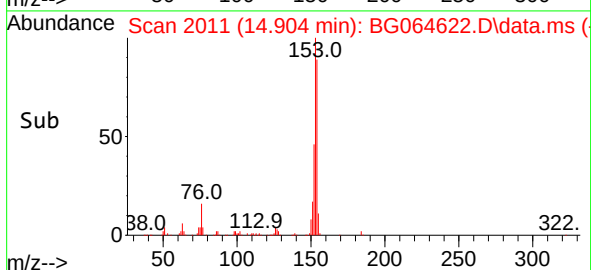
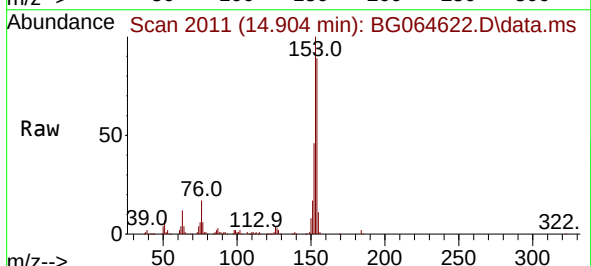
Manual Integrations
APPROVED

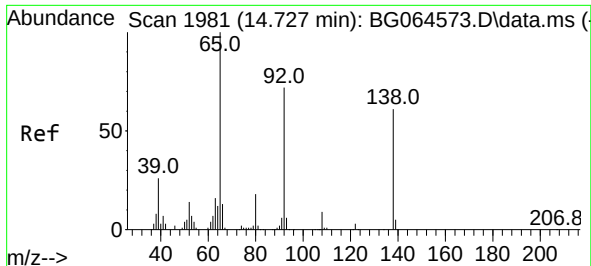
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 49.021 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

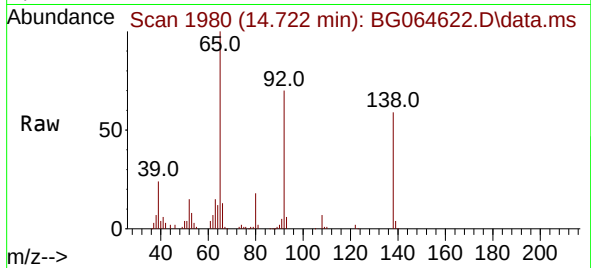
Tgt Ion:154 Resp: 290908
Ion Ratio Lower Upper
154 100
153 112.6 92.2 138.4
152 52.1 43.2 64.8





#53
3-Nitroaniline
Concen: 36.402 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

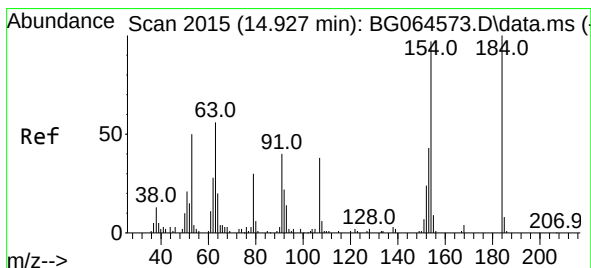
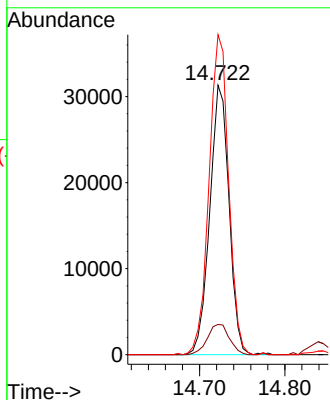
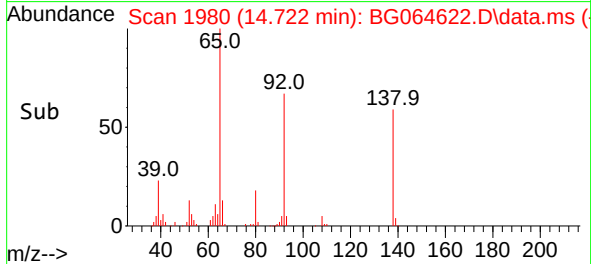
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:138 Resp: 4912
Ion Ratio Lower Upper
138 100
108 11.2 11.4 17.0
92 118.7 95.3 142.9

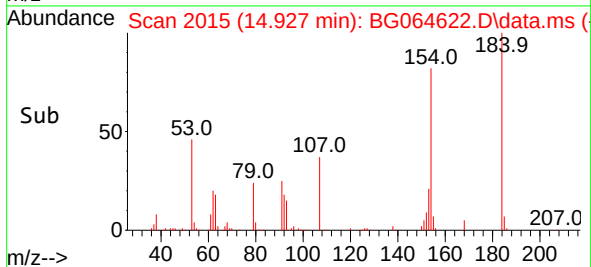
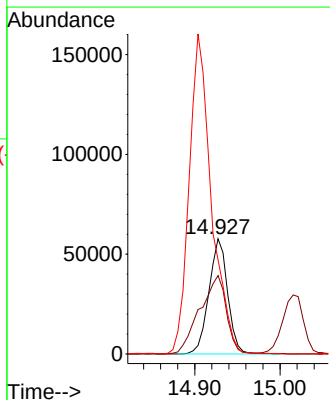
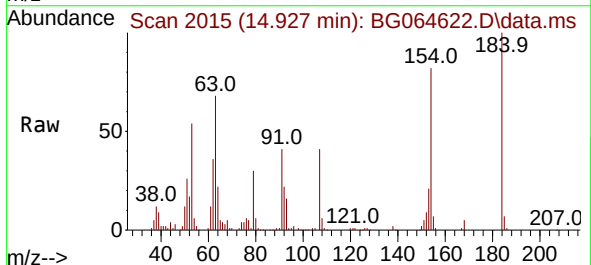
Manual Integrations
APPROVED

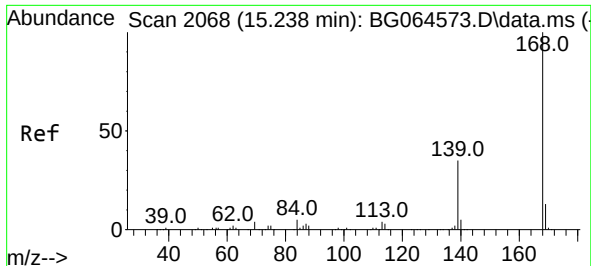
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 108.602 ng
RT: 14.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

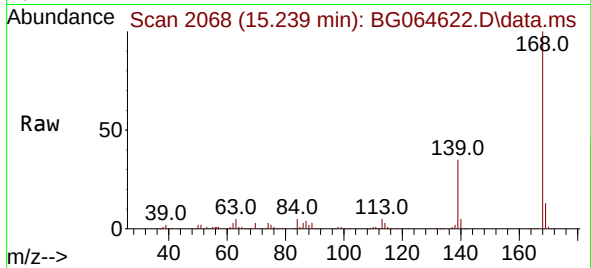
Tgt Ion:184 Resp: 88044
Ion Ratio Lower Upper
184 100
63 68.2 56.6 85.0
154 81.9 158.6 238.0#





#55
Dibenzenofuran
Concen: 43.618 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

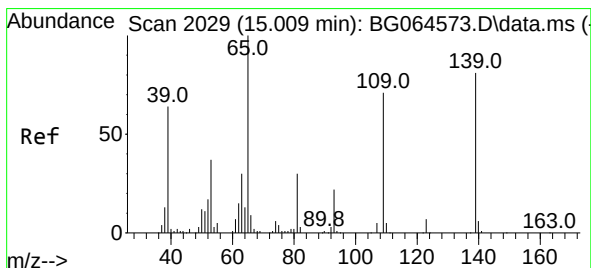
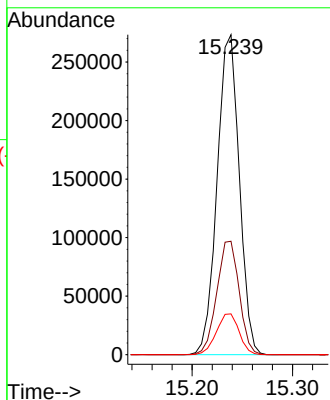
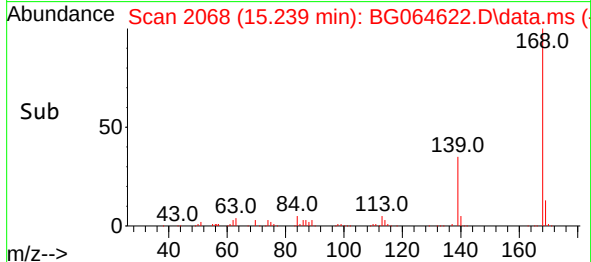
Instrument :
BNA_G
ClientSampleId :
PB170215BS



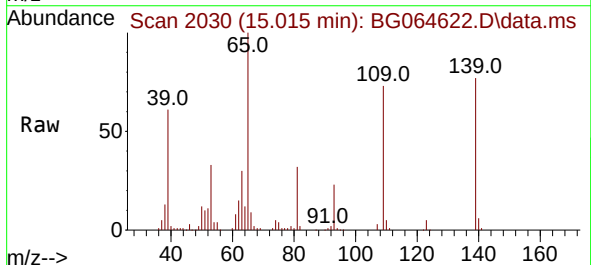
Tgt Ion:168 Resp: 418469
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.8 10.3 15.5

Manual Integrations
APPROVED

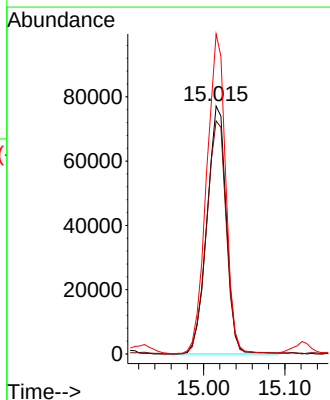
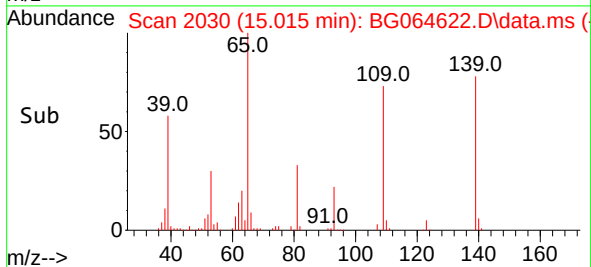
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

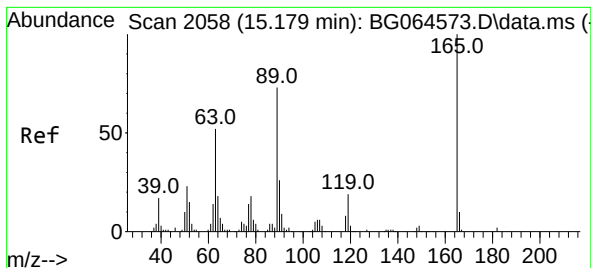


#56
4-Nitrophenol
Concen: 102.115 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



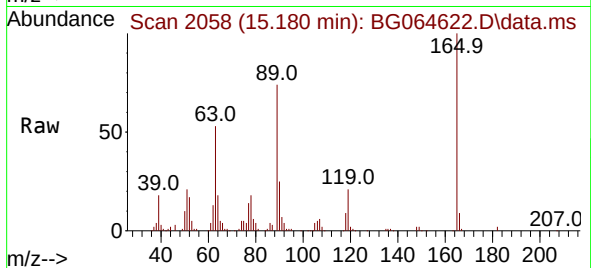
Tgt Ion:139 Resp: 127758
Ion Ratio Lower Upper
139 100
109 94.1 67.8 107.8
65 129.1 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 50.198 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

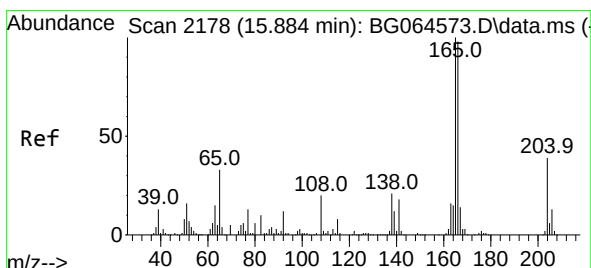
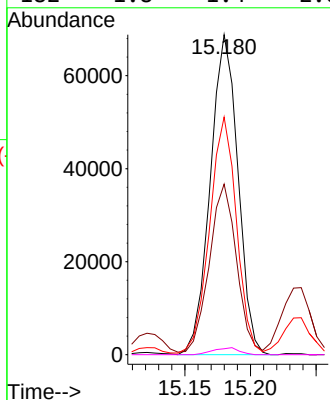
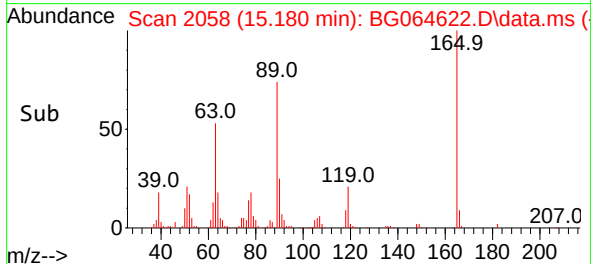
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:165 Resp: 10085
Ion Ratio Lower Upper
165 100
63 53.3 41.8 62.8
89 74.2 58.1 87.1
182 1.8 1.4 2.0

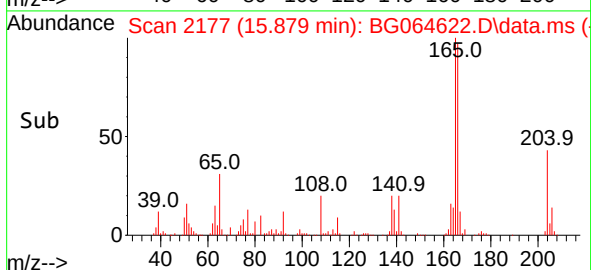
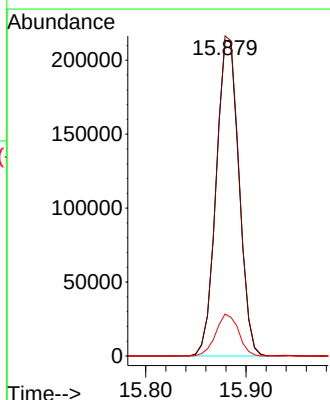
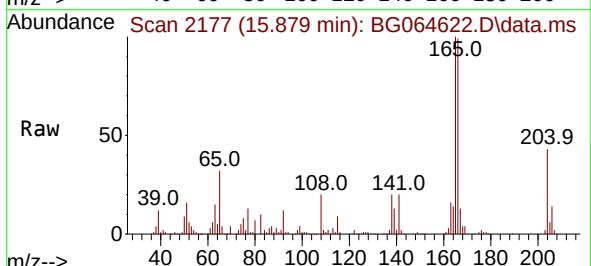
Manual Integrations
APPROVED

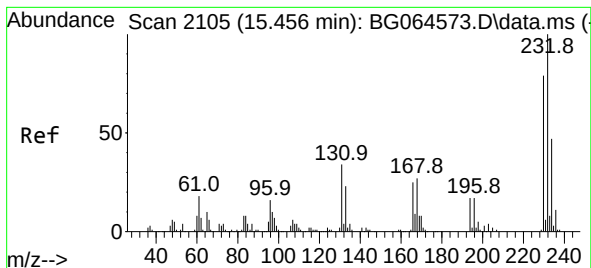
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 44.792 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

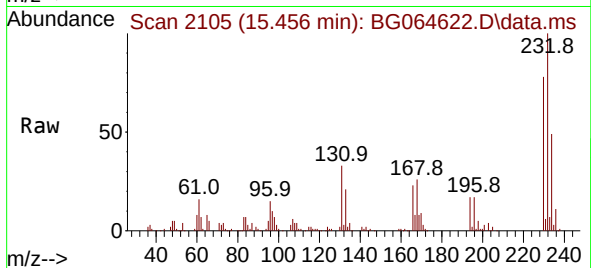
Tgt Ion:166 Resp: 335610
Ion Ratio Lower Upper
166 100
165 101.3 81.5 122.3
167 13.3 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.720 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

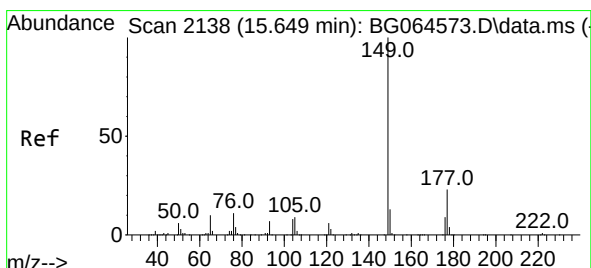
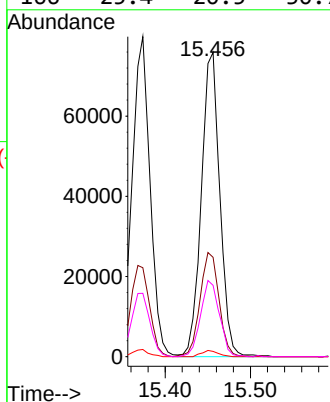
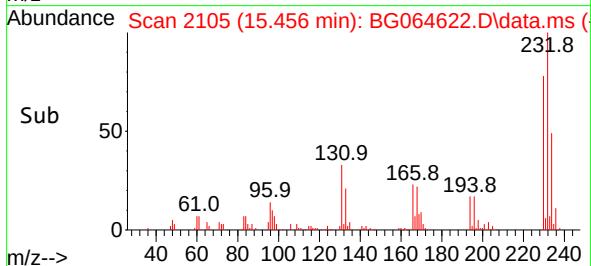
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:232 Resp: 11460
Ion Ratio Lower Upper
232 100
131 35.2 26.7 40.1
130 1.8 1.6 2.4
166 25.4 20.5 30.7

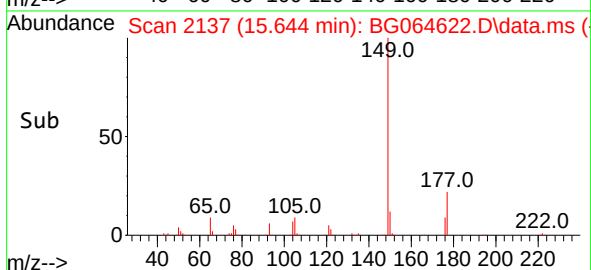
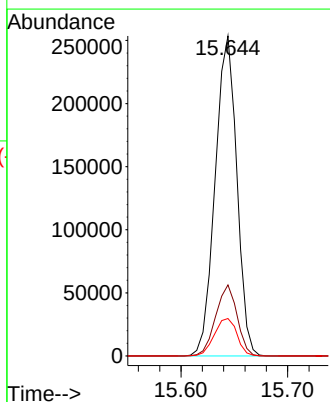
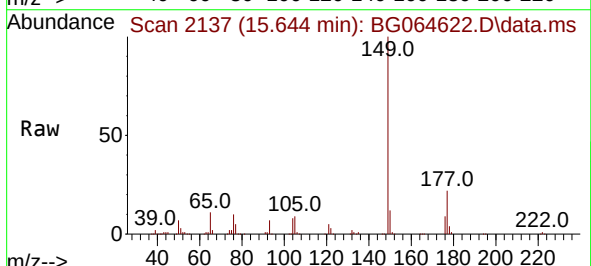
Manual Integrations
APPROVED

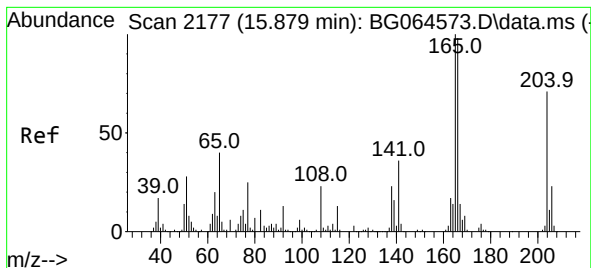
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 44.576 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 357386
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 11.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.190 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

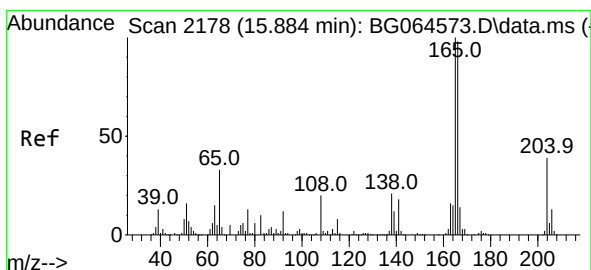
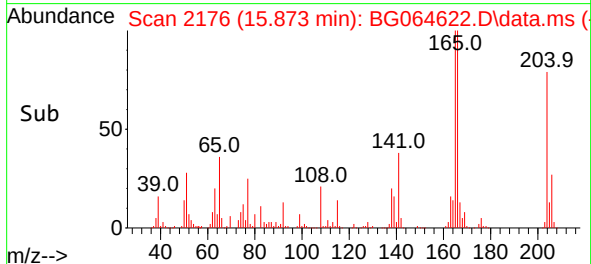
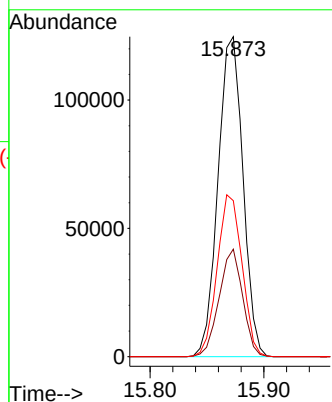
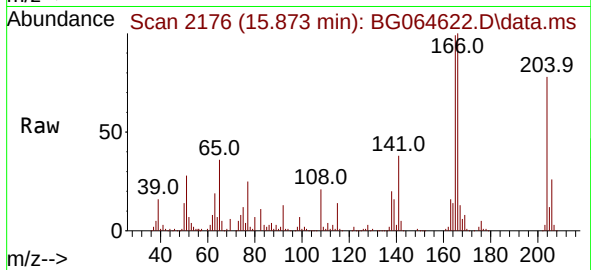
PB170215BS

Tgt Ion:204 Resp: 190010
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 48.8 40.6 60.8

Manual Integrations

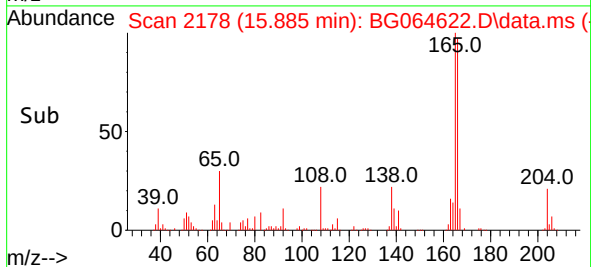
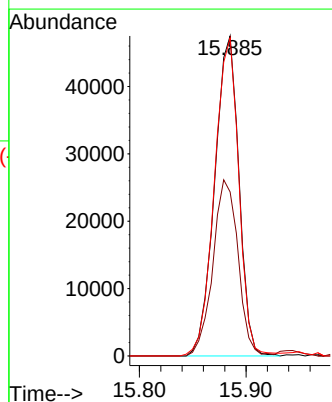
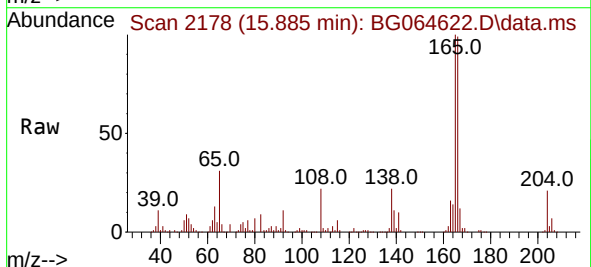
APPROVED

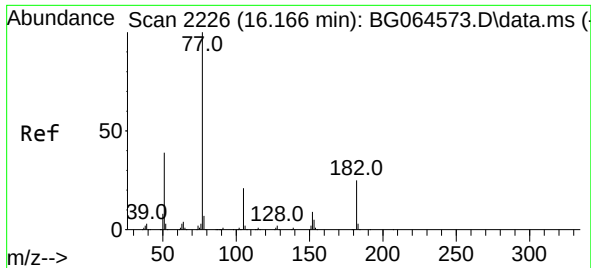
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 49.873 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:138 Resp: 74872
Ion Ratio Lower Upper
138 100
92 51.2 36.1 76.1
108 99.4 75.6 115.6





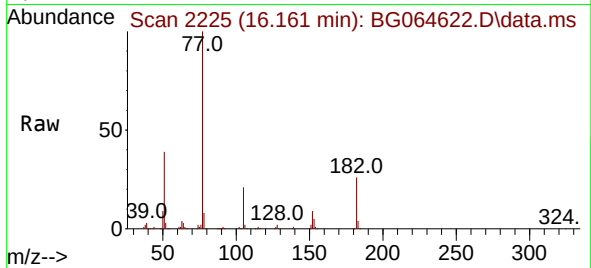
#63
Azobenzene
Concen: 44.003 ng
RT: 16.161 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

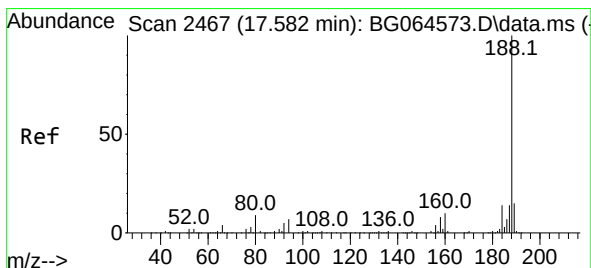
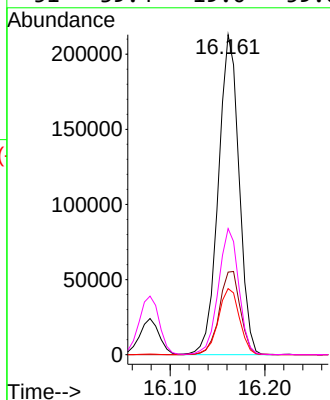
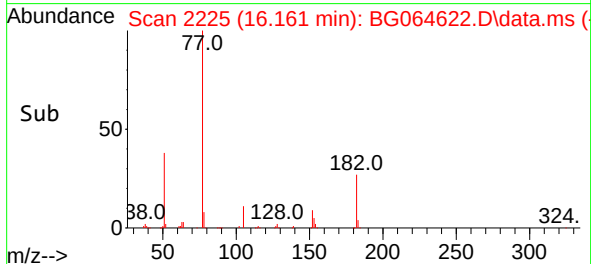


Tgt Ion: 77 Resp: 32370
Ion Ratio Lower Upper
77 100
182 25.8 4.9 44.9
105 20.7 1.3 41.3
51 39.4 19.0 59.0

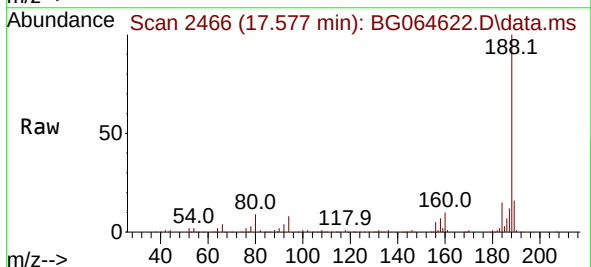
Manual Integrations

APPROVED

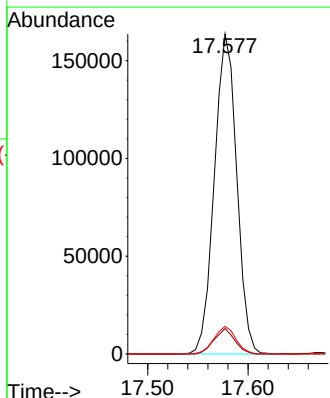
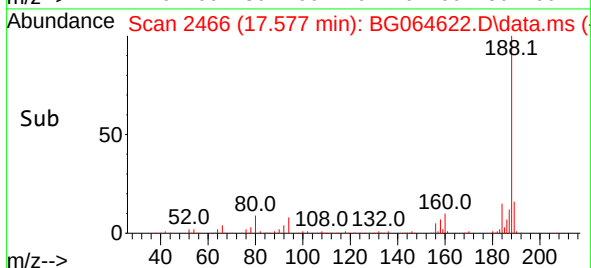
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

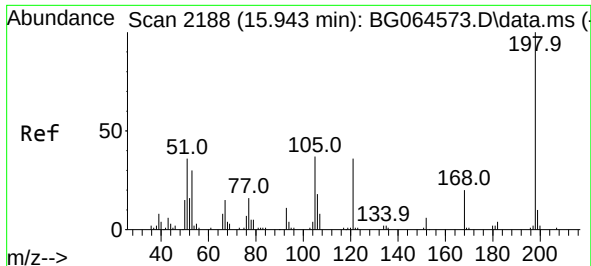


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion:188 Resp: 252758
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.6 6.8 10.2





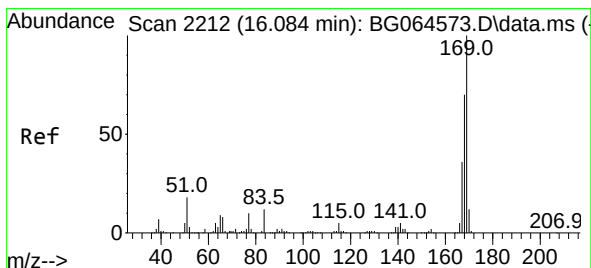
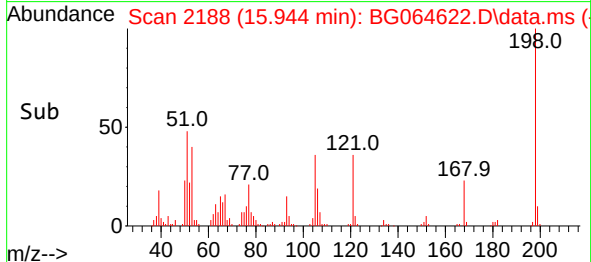
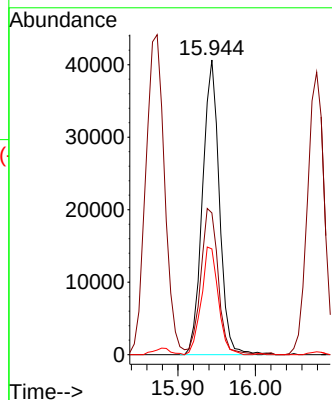
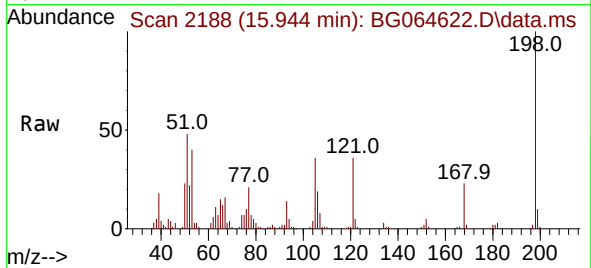
#65
4,6-Dinitro-2-methylphenol
Concen: 54.580 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:198 Resp: 6163
Ion Ratio Lower Upper
198 100
51 48.1 24.7 64.7
105 35.9 18.0 58.0

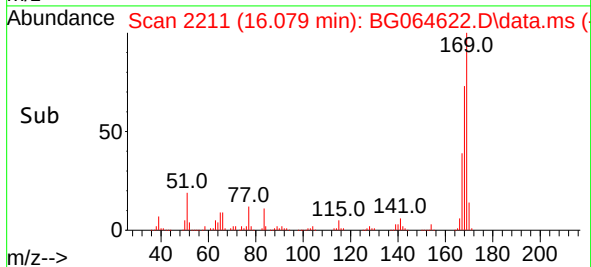
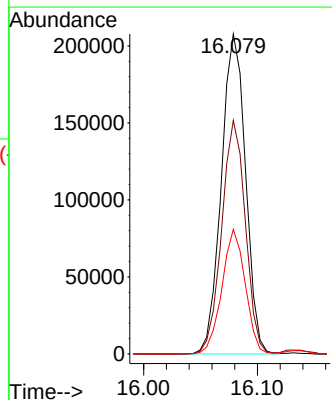
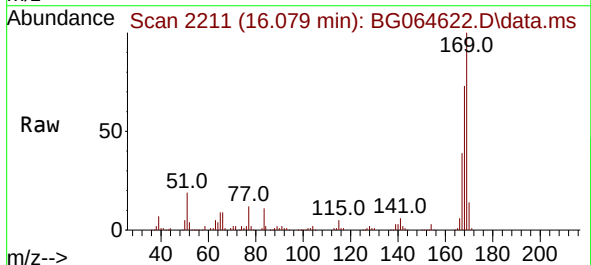
Manual Integrations
APPROVED

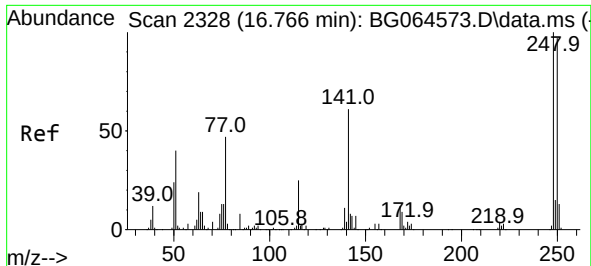
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 45.018 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:169 Resp: 307367
Ion Ratio Lower Upper
169 100
168 73.0 56.3 84.5
167 39.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.682 ng
RT: 16.766 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

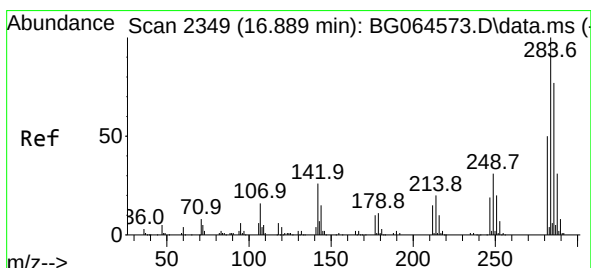
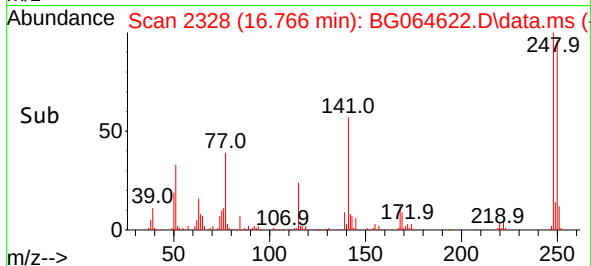
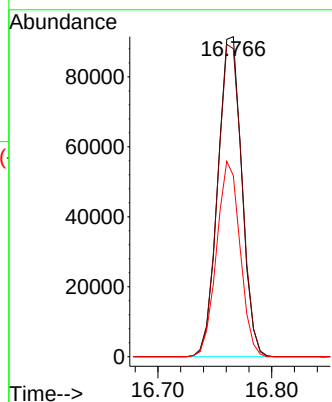
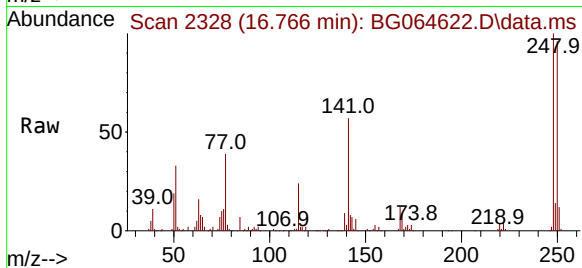
PB170215BS

Tgt Ion:248 Resp: 133834
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 56.6 48.6 72.8

Manual Integrations

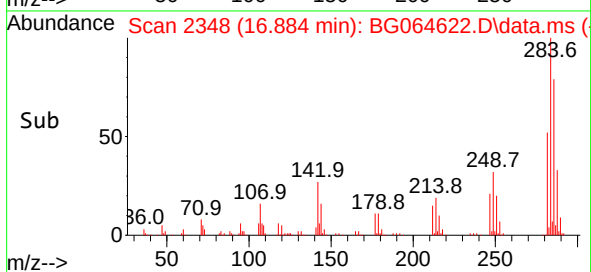
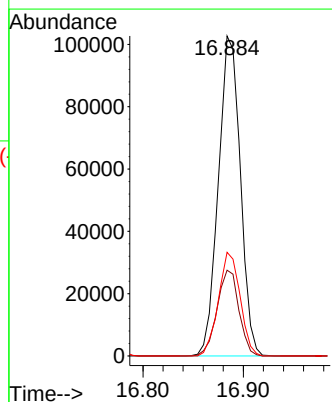
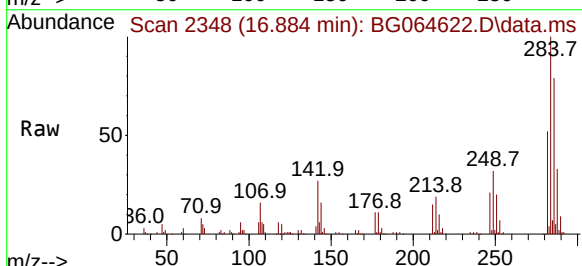
APPROVED

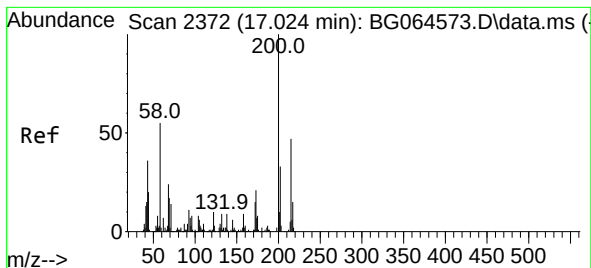
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 45.618 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:284 Resp: 155883
Ion Ratio Lower Upper
284 100
142 26.8 21.0 31.6
249 34.6 24.9 37.3





#69

Atrazine

Concen: 47.830 ng

RT: 17.019 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064622.D

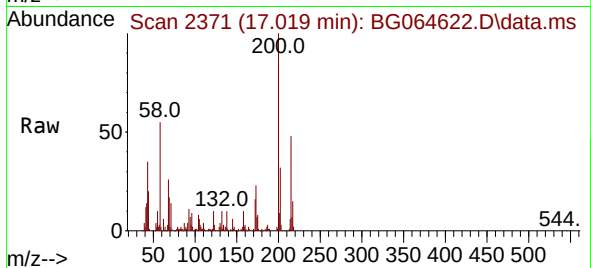
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS



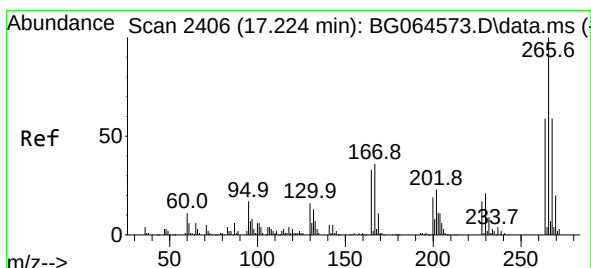
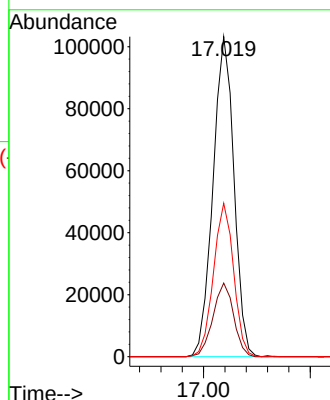
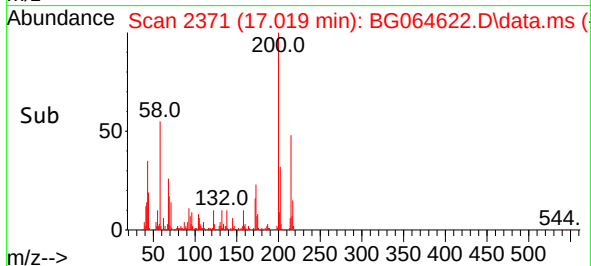
Tgt Ion:200 Resp: 14053

Ion	Ratio	Lower	Upper
200	100		
173	23.0	0.9	40.9
215	47.9	27.0	67.0

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 100.429 ng

RT: 17.219 min Scan# 2405

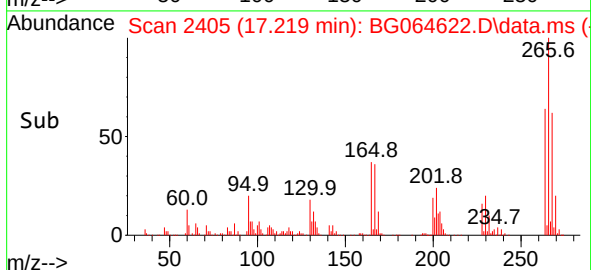
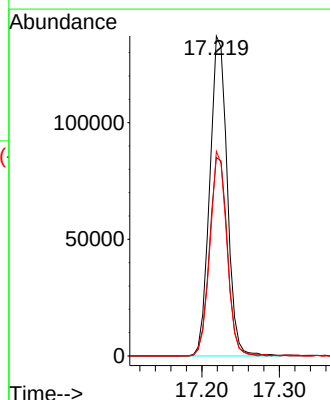
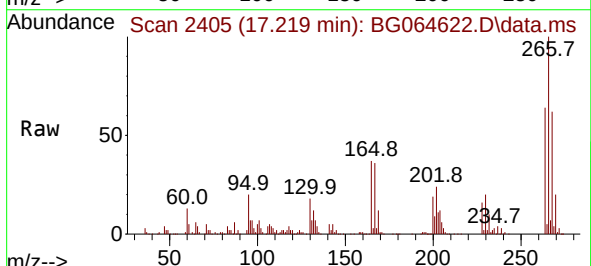
Delta R.T. -0.005 min

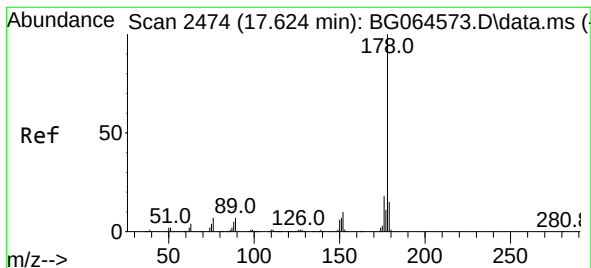
Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:266 Resp: 214000

Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.3	75.5
264	63.9	47.3	70.9





#71

Phenanthrene

Concen: 44.297 ng

RT: 17.618 min Scan# 2473

Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

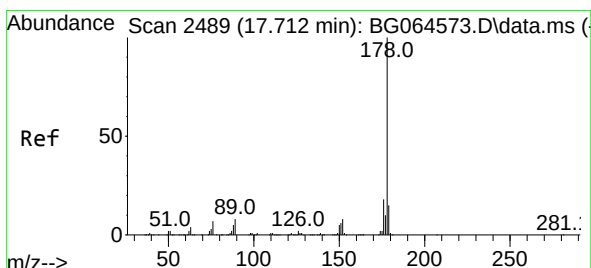
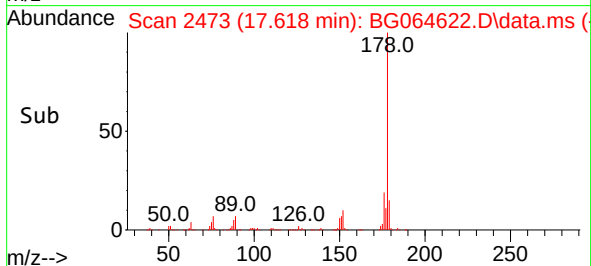
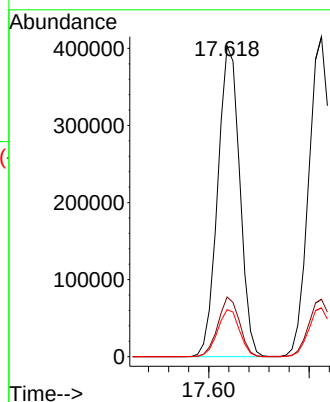
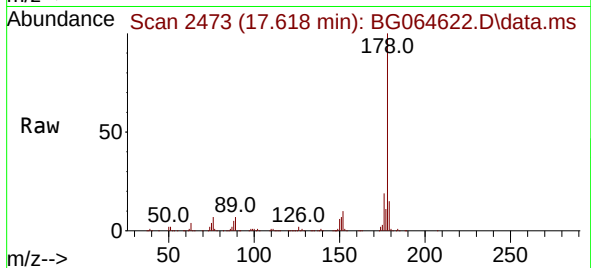
Tgt Ion:178 Resp: 61228

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	15.2	12.2	18.4

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 44.900 ng

RT: 17.712 min Scan# 2489

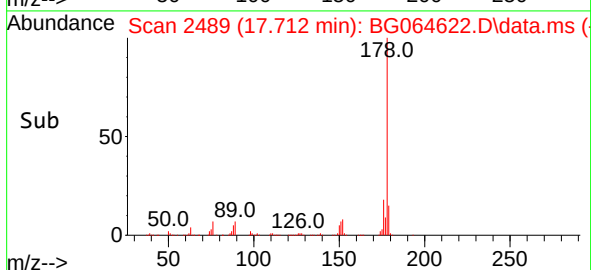
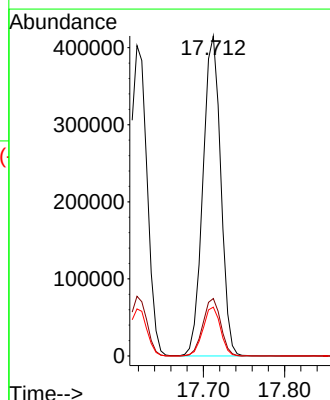
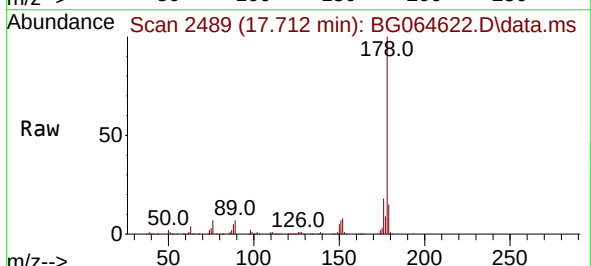
Delta R.T. 0.000 min

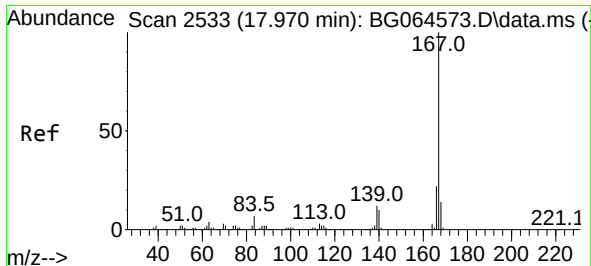
Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:178 Resp: 631323

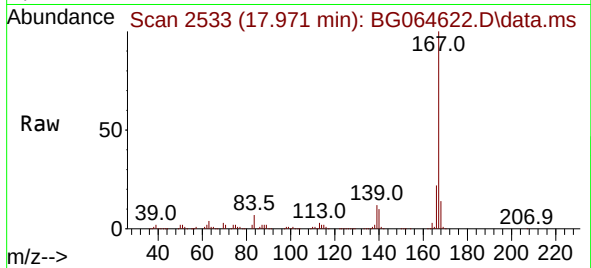
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.2	12.4	18.6





#73
 Carbazole
 Concen: 45.052 ng
 RT: 17.971 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

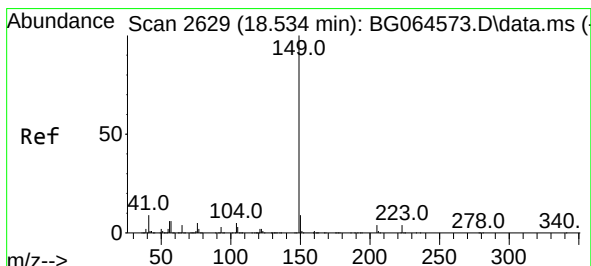
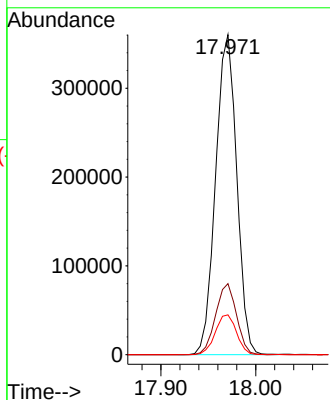
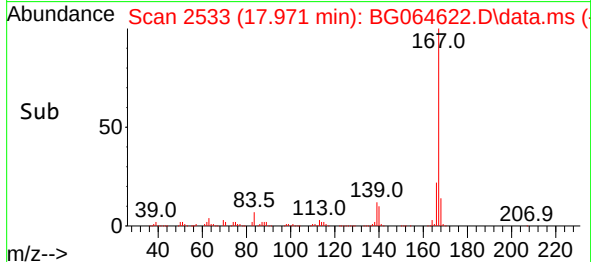
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS



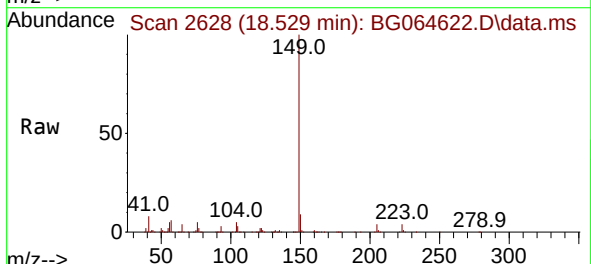
Tgt Ion:167 Resp: 558592
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.4 9.7 14.5

Manual Integrations
 APPROVED

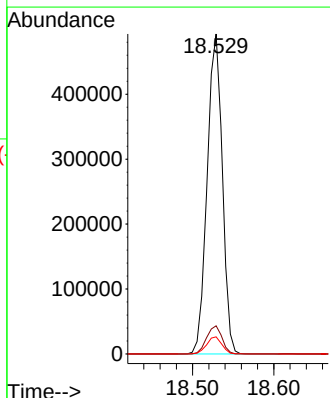
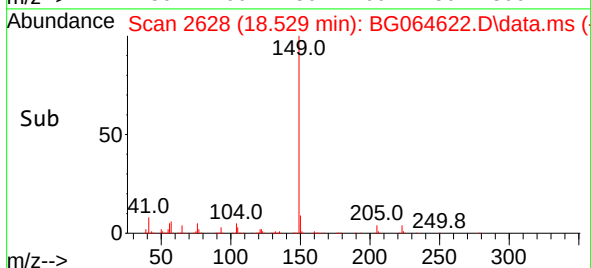
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

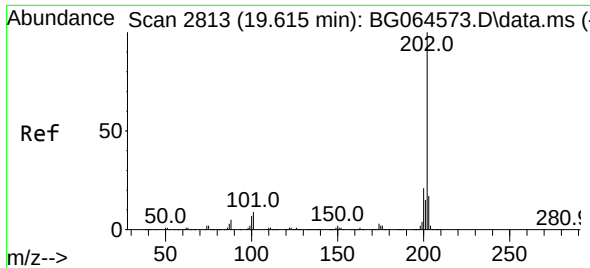


#74
 Di-n-butylphthalate
 Concen: 44.400 ng
 RT: 18.529 min Scan# 2628
 Delta R.T. -0.005 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06



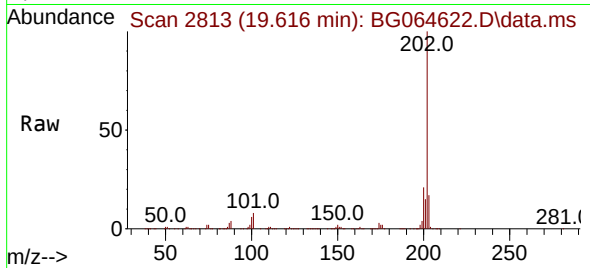
Tgt Ion:149 Resp: 636589
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 44.393 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

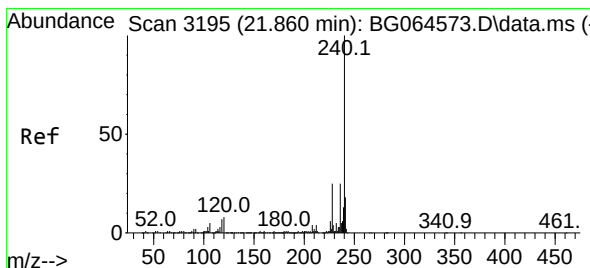
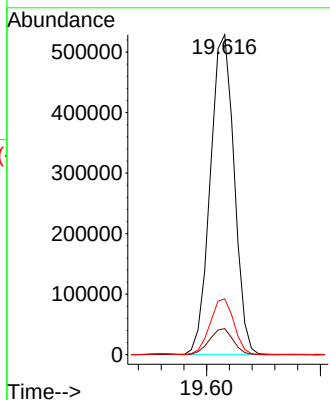
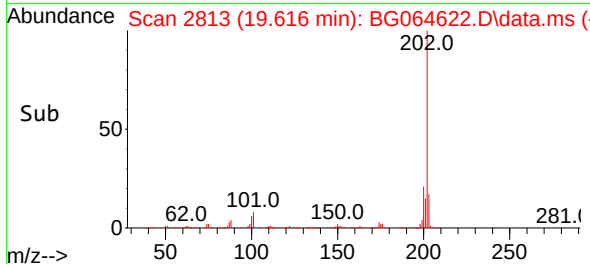
Instrument :
BNA_G
ClientSampleId :
PB170215BS



Tgt Ion:202 Resp: 768700
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.5 0.0 37.0

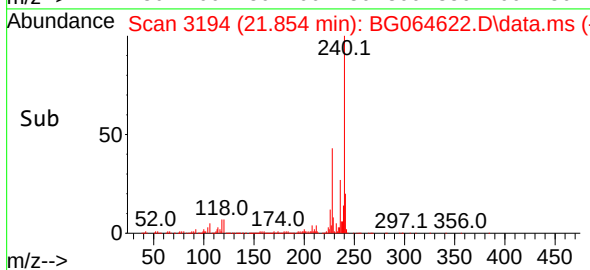
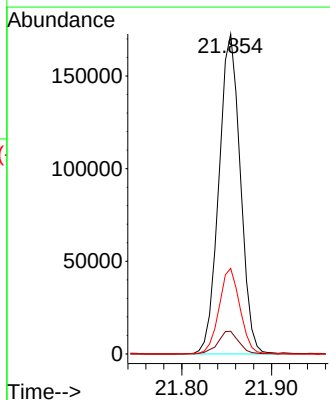
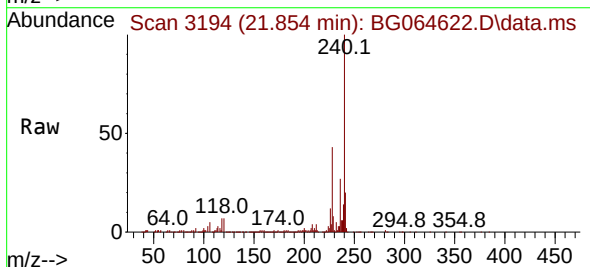
Manual Integrations
APPROVED

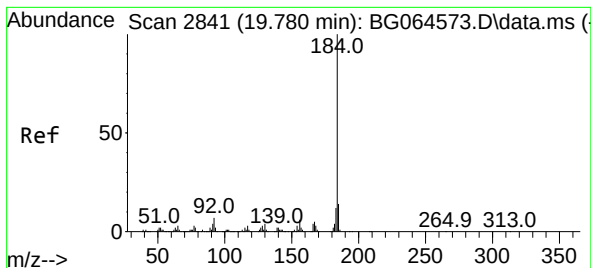
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:240 Resp: 286271
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 26.8 20.2 30.2





#77

Benzidine

Concen: 37.491 ng

RT: 19.780 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

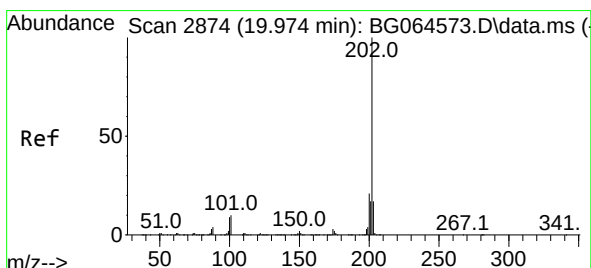
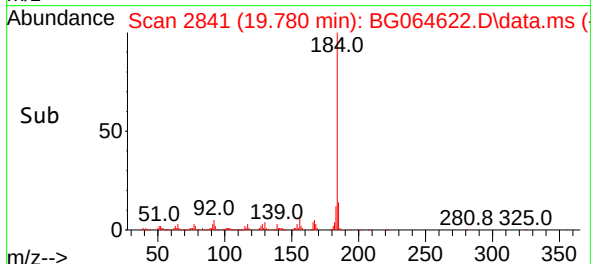
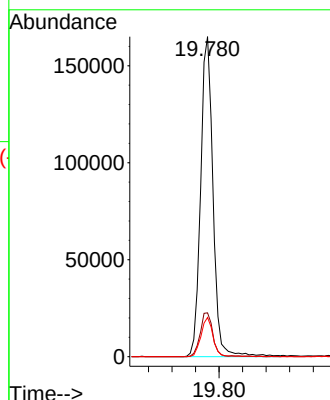
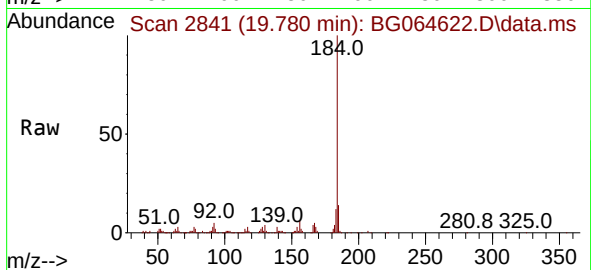
Tgt Ion:184 Resp: 24045

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.4	17.2
183	12.2	9.4	14.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 43.035 ng

RT: 19.974 min Scan# 2874

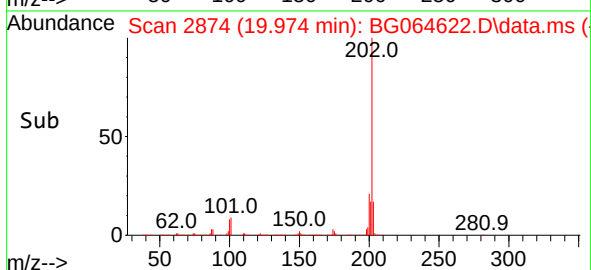
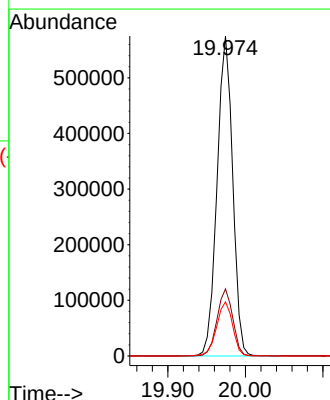
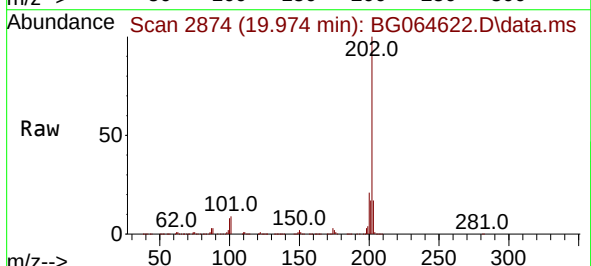
Delta R.T. 0.000 min

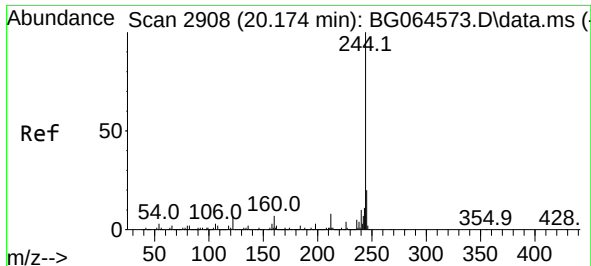
Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:202 Resp: 804895

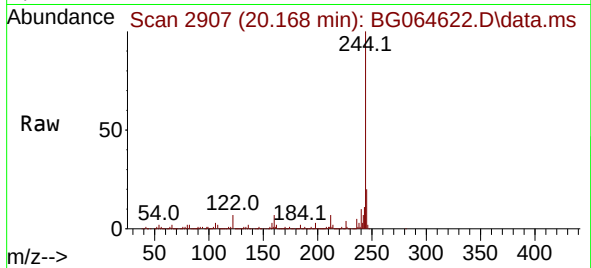
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	16.9	13.8	20.6





#79
 Terphenyl-d14
 Concen: 83.281 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.005 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

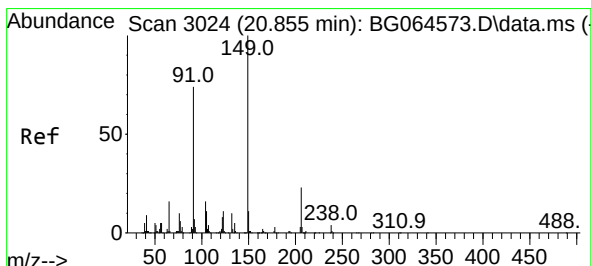
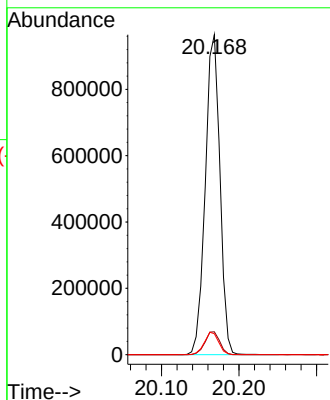
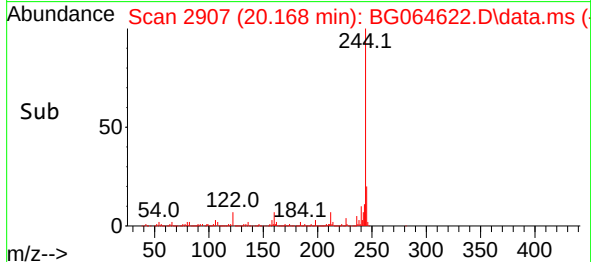
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS



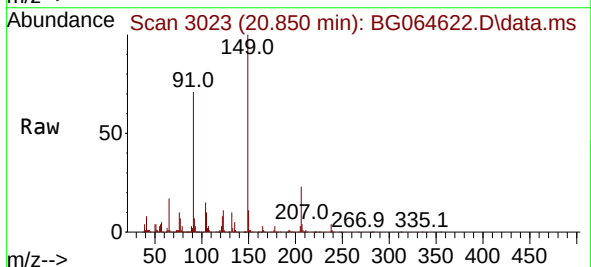
Tgt Ion:244 Resp: 1263324
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 5.6 8.4

Manual Integrations
 APPROVED

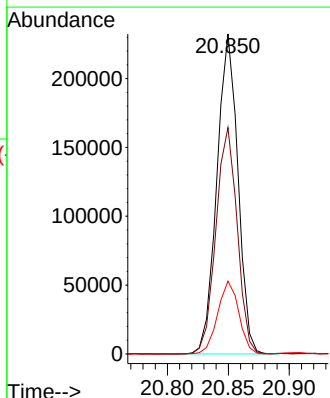
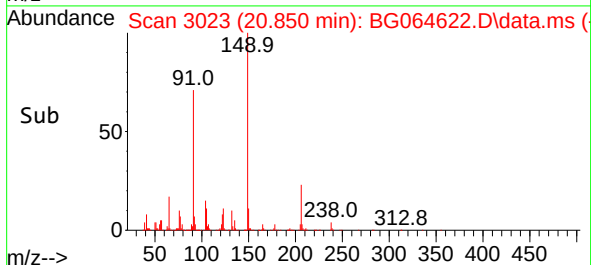
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

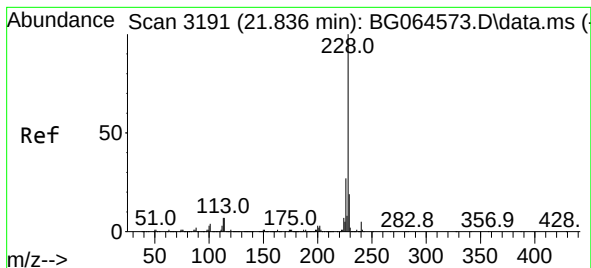


#80
 Butylbenzylphthalate
 Concen: 49.405 ng
 RT: 20.850 min Scan# 3023
 Delta R.T. -0.005 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06



Tgt Ion:149 Resp: 279278
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.2 88.8
 206 22.7 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.811 ng

RT: 21.831 min Scan# 3191

Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:228 Resp: 85057

Ion Ratio Lower Upper

228 100

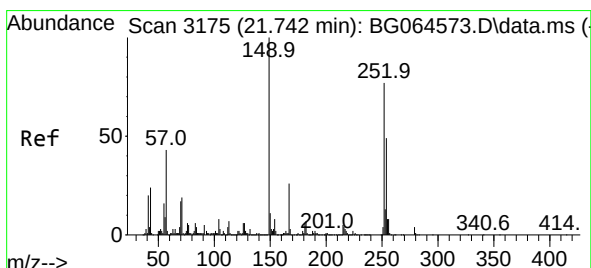
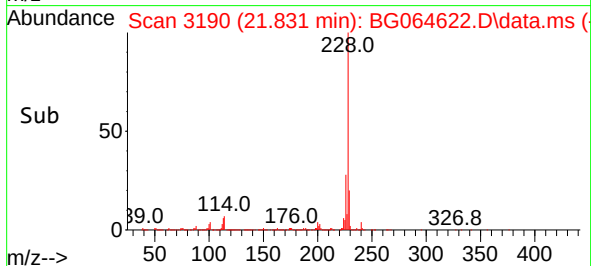
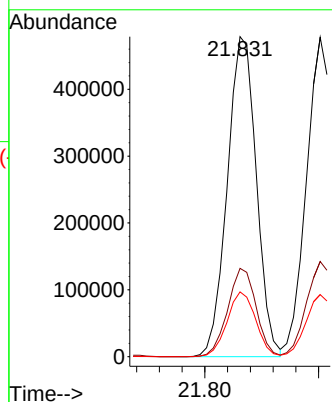
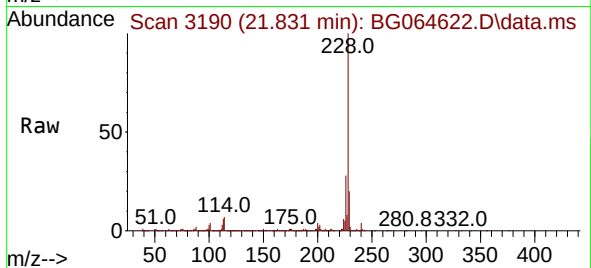
226 27.6 21.9 32.9

229 20.3 15.6 23.4

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 32.347 ng

RT: 21.737 min Scan# 3174

Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

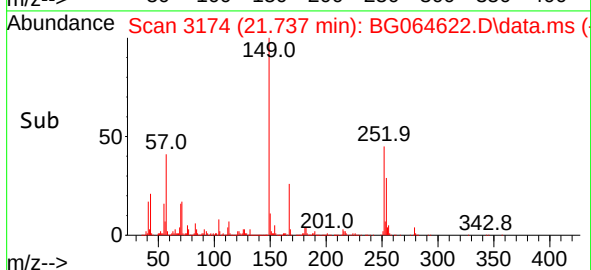
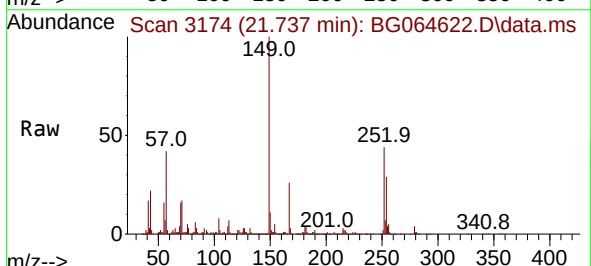
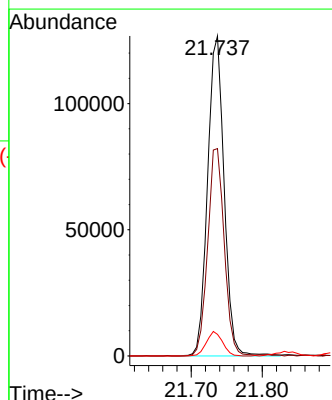
Tgt Ion:252 Resp: 205029

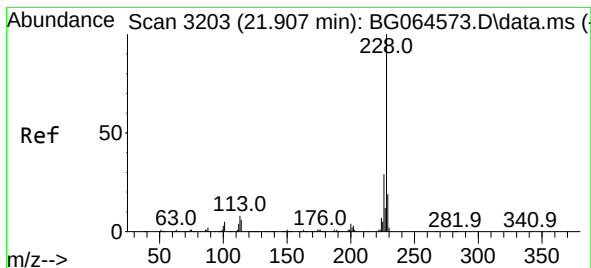
Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

126 6.8 5.8 8.6





#83

Chrysene

Concen: 44.240 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

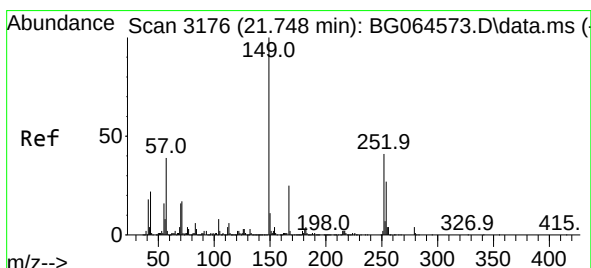
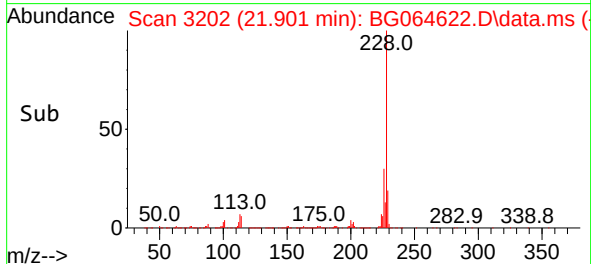
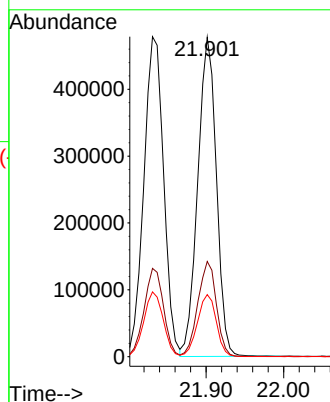
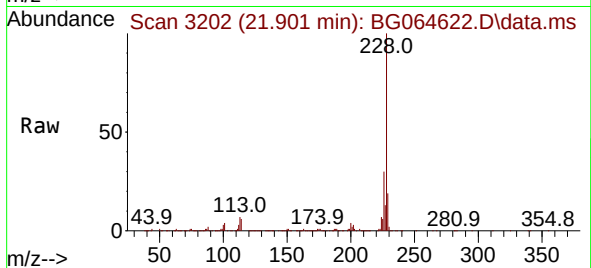
PB170215BS

Tgt Ion:	228	Resp:	799015
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.3	34.9
229	19.5	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: 48.204 ng

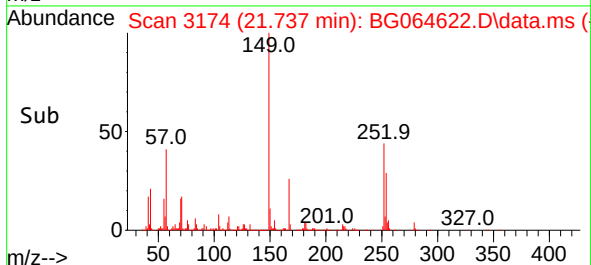
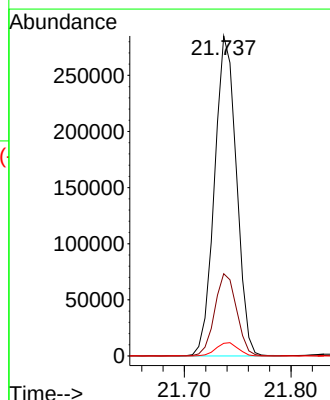
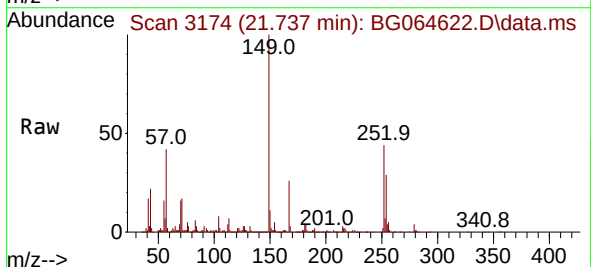
RT: 21.737 min Scan# 3174

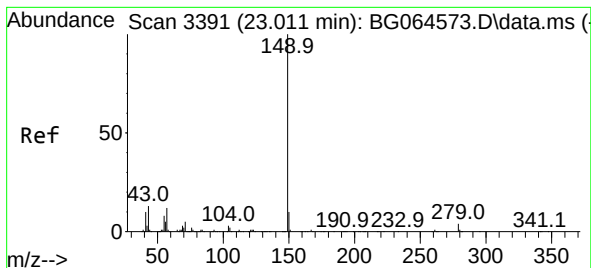
Delta R.T. -0.011 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:	149	Resp:	407169
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.0	30.0
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 49.802 ng

RT: 23.000 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

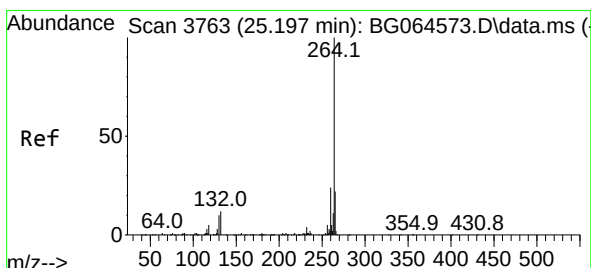
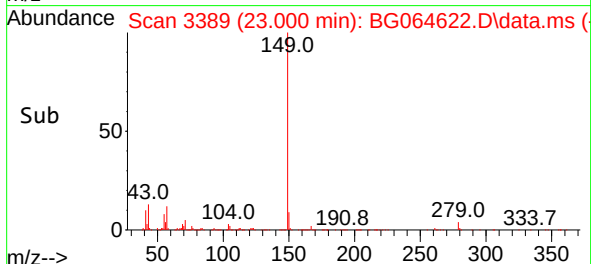
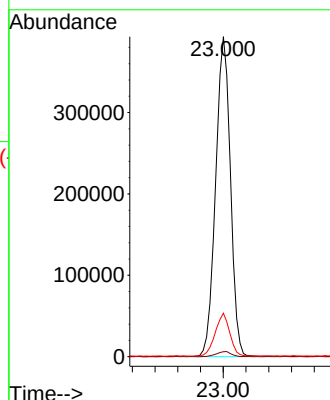
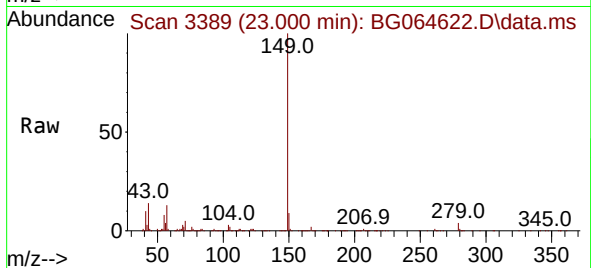
PB170215BS

Tgt Ion:149 Resp: 709230
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.1 10.8 16.2

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

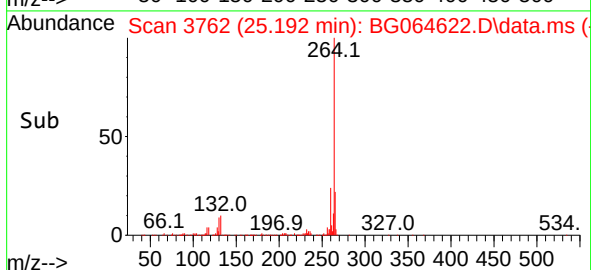
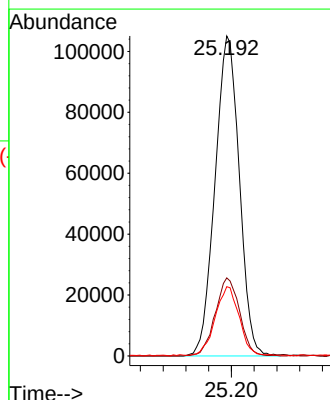
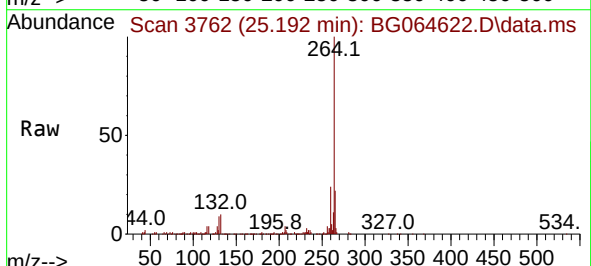
RT: 25.192 min Scan# 3762

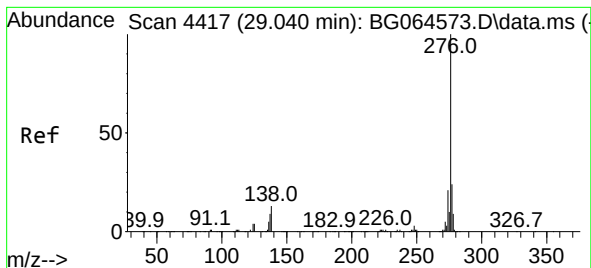
Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:264 Resp: 311364
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.114 ng

RT: 29.034 min Scan# 4417

Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

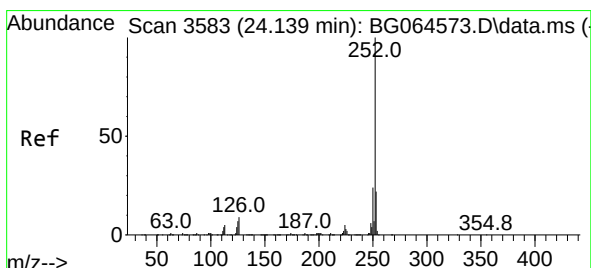
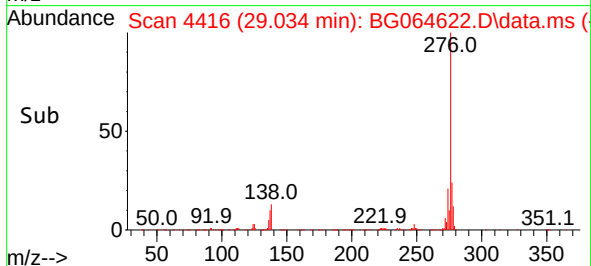
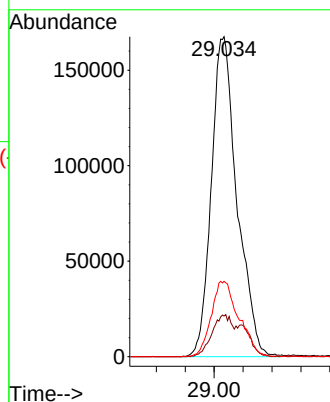
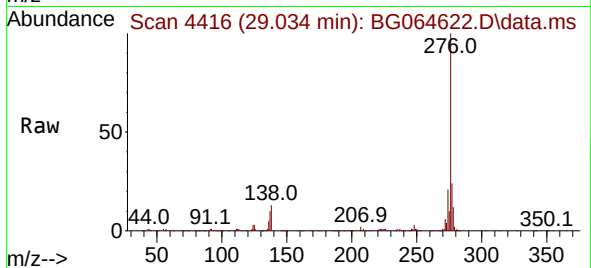
PB170215BS

Tgt Ion:276 Resp: 103333
 Ion Ratio Lower Upper
 276 100
 138 10.3 10.8 16.2
 277 25.3 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: 45.715 ng

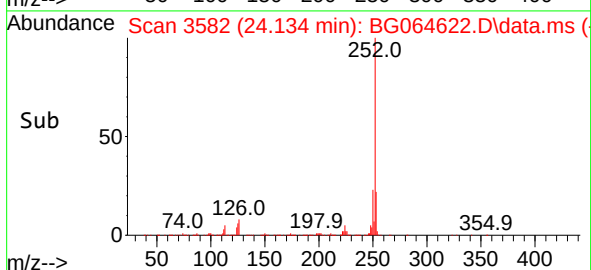
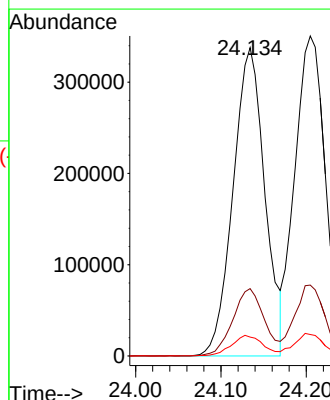
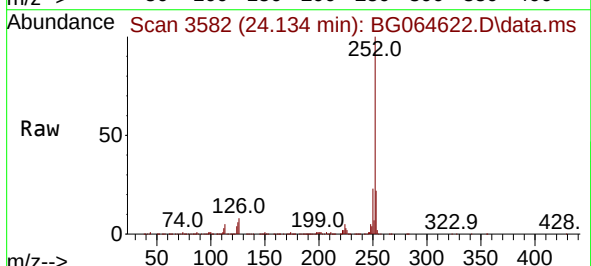
RT: 24.134 min Scan# 3582

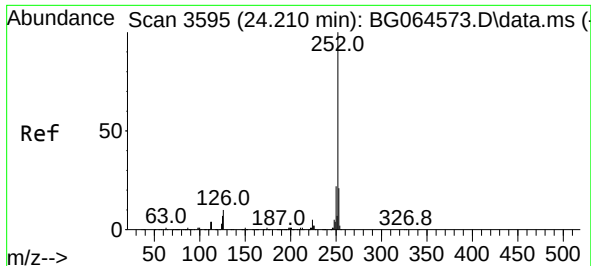
Delta R.T. -0.005 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 872834
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 6.2 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 45.401 ng
RT: 24.205 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

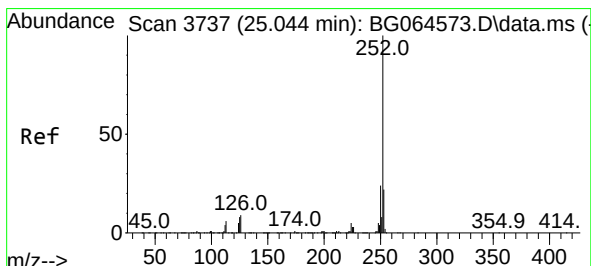
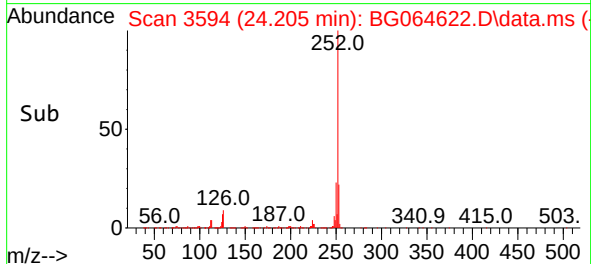
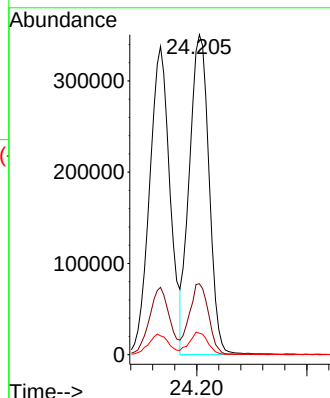
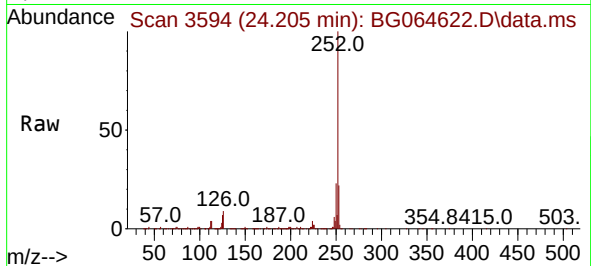
PB170215BS

Tgt Ion:252 Resp: 867424
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 6.7 5.4 8.0

Manual Integrations

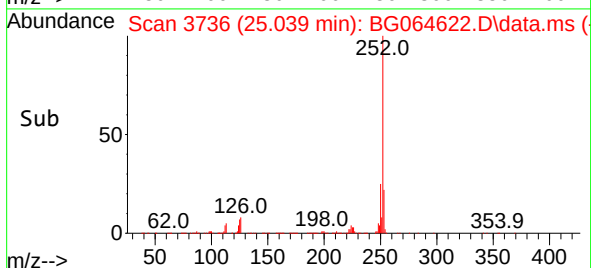
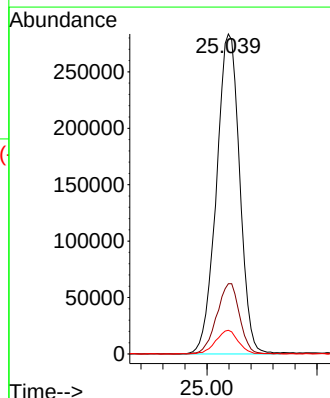
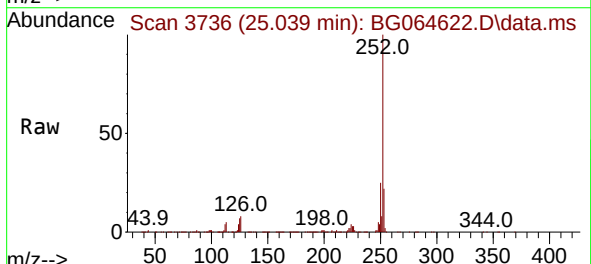
APPROVED

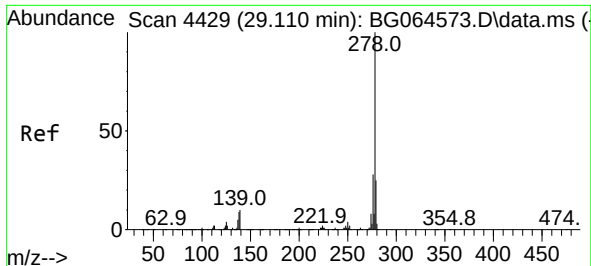
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 47.341 ng
RT: 25.039 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

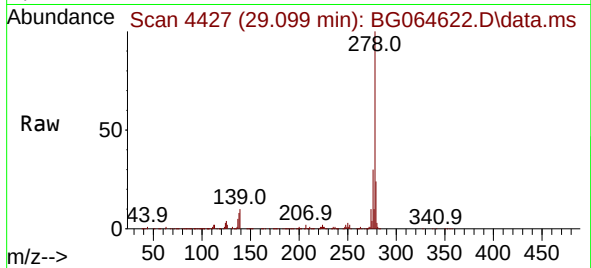
Tgt Ion:252 Resp: 830855
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.4 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 46.137 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

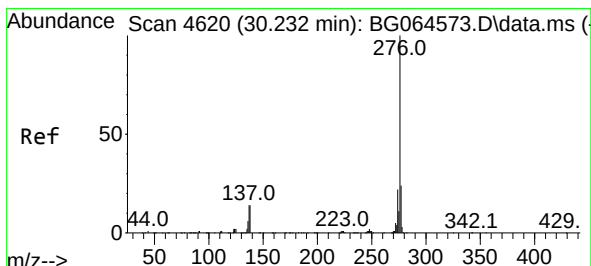
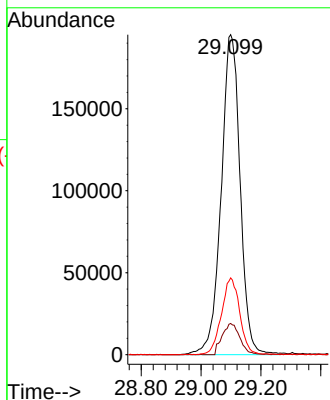
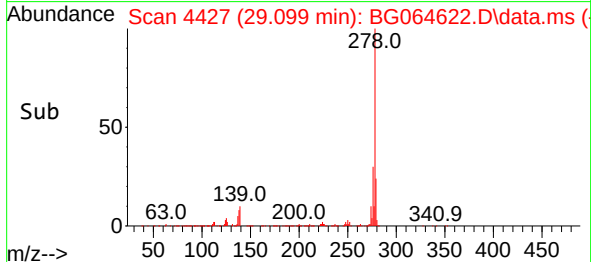
Instrument :
BNA_G
ClientSampleId :
PB170215BS



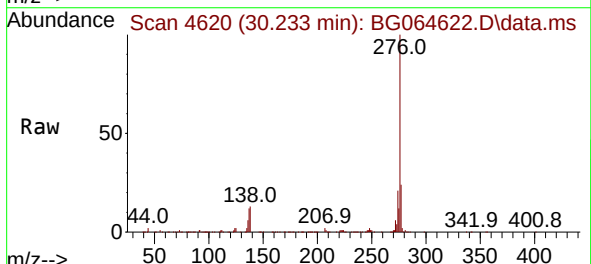
Tgt Ion:278 Resp: 858540
Ion Ratio Lower Upper
278 100
139 9.8 8.0 12.0
279 24.0 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.441 ng
RT: 30.233 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06



Tgt Ion:276 Resp: 825558
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 12.7 11.3 16.9

