

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064503.D
 Acq On : 14 Oct 2025 16:52
 Operator : RC/JU
 Sample : Q3321-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 17:30:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	18595	20.000	ng	# 0.00
21) Naphthalene-d8	10.609	136	69814	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	49830	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	122524	20.000	ng	0.00
76) Chrysene-d12	21.414	240	143332	20.000	ng	0.00
86) Perylene-d12	24.387	264	156729	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.421	112	144945	144.258	ng	0.02
7) Phenol-d6	7.002	99	175696	130.122	ng	0.02
23) Nitrobenzene-d5	8.976	82	132893	102.353	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	144419	159.890	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	344392	101.873	ng	0.00
79) Terphenyl-d14	19.804	244	736455	97.239	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	15583	39.210	ng	# 81
3) Pyridine	3.735	79	41054	38.436	ng	95
4) n-Nitrosodimethylamine	3.635	42	39436	50.931	ng	93
6) Aniline	7.154	93	48050	28.212	ng	96
8) 2-Chlorophenol	7.395	128	62160	50.381	ng	98
9) Benzaldehyde	6.960	77	18312	15.278	ng	98
10) Phenol	7.031	94	67286	47.239	ng	93
11) bis(2-Chloroethyl)ether	7.248	93	46911	48.632	ng	96
12) 1,3-Dichlorobenzene	7.712	146	66927	49.587	ng	98
13) 1,4-Dichlorobenzene	7.859	146	67389	49.749	ng	96
14) 1,2-Dichlorobenzene	8.177	146	65454	49.028	ng	97
15) Benzyl Alcohol	8.065	79	63931	51.413	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.353	45	74023	47.607	ng	96
17) 2-Methylphenol	8.271	107	52697	51.092	ng	96
18) Hexachloroethane	8.899	117	26001	48.629	ng	90
19) n-Nitroso-di-n-propyla...	8.629	70	43630	48.316	ng	85
20) 3+4-Methylphenols	8.600	107	70685	49.110	ng	98
22) Acetophenone	8.641	105	105797	62.588	ng	96
24) Nitrobenzene	9.017	77	71375	55.126	ng	94
25) Isophorone	9.540	82	126946	53.971	ng	99
26) 2-Nitrophenol	9.728	139	35669	55.352	ng	92
27) 2,4-Dimethylphenol	9.792	122	61012	61.989	ng	95
28) bis(2-Chloroethoxy)met...	10.022	93	65982	55.032	ng	97
29) 2,4-Dichlorophenol	10.262	162	64011	56.241	ng	96
30) 1,2,4-Trichlorobenzene	10.474	180	71496	57.612	ng	# 92
31) Naphthalene	10.662	128	194399	54.074	ng	98
32) Benzoic acid	9.963	122	49164	65.060	ng	89
33) 4-Chloroaniline	10.774	127	23607	17.112	ng	98
34) Hexachlorobutadiene	10.950	225	57580	54.177	ng	100
35) Caprolactam	11.543	113	18979m	48.709	ng	
36) 4-Chloro-3-methylphenol	11.902	107	74780	54.028	ng	94
37) 2-Methylnaphthalene	12.266	142	136497	49.462	ng	95
38) 1-Methylnaphthalene	12.489	142	139412	50.664	ng	98
40) 1,2,4,5-Tetrachloroben...	12.642	216	101777	63.258	ng	97
41) Hexachlorocyclopentadiene	12.624	237	145516	172.901	ng	94
43) 2,4,6-Trichlorophenol	12.883	196	60168	58.500	ng	90

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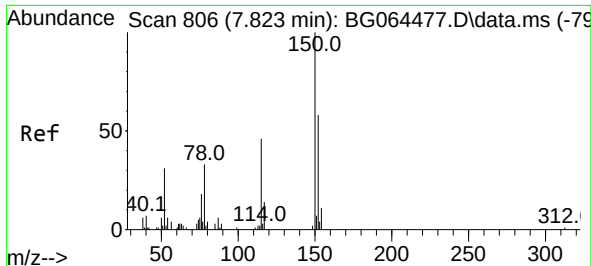
Manual Integrations
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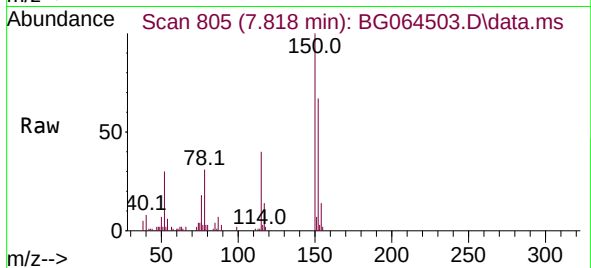
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	68658	59.793	ng	94
46) 1,1'-Biphenyl	13.282	154	222941	62.206	ng	97
47) 2-Chloronaphthalene	13.324	162	154043	57.568	ng	97
48) 2-Nitroaniline	13.529	65	54579	59.762	ng	96
49) Acenaphthylene	14.170	152	257562	64.841	ng	98
50) Dimethylphthalate	13.911	163	218408	55.963	ng	98
51) 2,6-Dinitrotoluene	14.029	165	47146	57.991	ng	88
52) Acenaphthene	14.516	154	150360	54.485	ng	98
53) 3-Nitroaniline	14.358	138	30198	40.277	ng	89
54) 2,4-Dinitrophenol	14.563	184	69914	118.598	ng	87
55) Dibenzofuran	14.851	168	255068	55.977	ng	98
56) 4-Nitrophenol	14.675	139	72105	122.149	ng	93
57) 2,4-Dinitrotoluene	14.816	165	74082	59.609	ng	98
58) Fluorene	15.497	166	214511	56.627	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	71510	61.023	ng	99
60) Diethylphthalate	15.274	149	233036	55.662	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	113694	54.975	ng	97
62) 4-Nitroaniline	15.521	138	47983	61.402	ng	# 86
63) Azobenzene	15.785	77	183708	56.658	ng	96
65) 4,6-Dinitro-2-methylph...	15.580	198	50671	59.396	ng	98
66) n-Nitrosodiphenylamine	15.709	169	190603	58.255	ng	96
67) 4-Bromophenyl-phenylether	16.385	248	81638	56.621	ng	93
68) Hexachlorobenzene	16.502	284	95350	57.793	ng	96
69) Atrazine	16.661	200	73161	50.259	ng	98
70) Pentachlorophenol	16.849	266	128380	133.084	ng	100
71) Phenanthrene	17.231	178	360559	56.272	ng	98
72) Anthracene	17.325	178	369870	57.540	ng	97
73) Carbazole	17.595	167	335870	60.450	ng	99
74) Di-n-butylphthalate	18.159	149	393541	58.022	ng	99
75) Fluoranthene	19.240	202	456088	59.583	ng	98
77) Benzidine	19.434	184	49523	13.885	ng	94
78) Pyrene	19.604	202	483530	51.982	ng	99
80) Butylbenzylphthalate	20.497	149	185102	56.136	ng	94
81) Benzo(a)anthracene	21.396	228	510150	55.743	ng	99
82) 3,3'-Dichlorobenzidine	21.320	252	123714	39.940	ng	# 95
83) Chrysene	21.461	228	471702	54.348	ng	97
84) Bis(2-ethylhexyl)phtha...	21.320	149	265825	57.137	ng	99
85) Di-n-octyl phthalate	22.442	149	451847	57.787	ng	99
87) Indeno(1,2,3-cd)pyrene	27.748	276	625337	57.321	ng	99
88) Benzo(b)fluoranthene	23.453	252	498542	55.913	ng	99
89) Benzo(k)fluoranthene	23.517	252	516266	57.490	ng	98
90) Benzo(a)pyrene	24.252	252	481132	58.549	ng	98
91) Dibenzo(a,h)anthracene	27.801	278	505403	57.930	ng	97
92) Benzo(g,h,i)perylene	28.800	276	497074	58.630	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

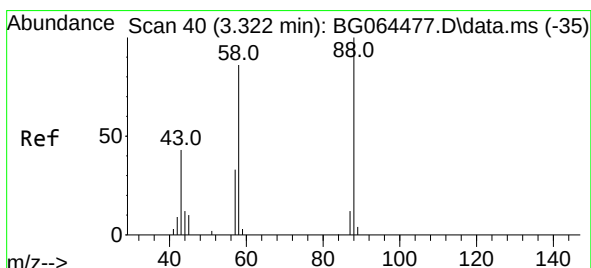
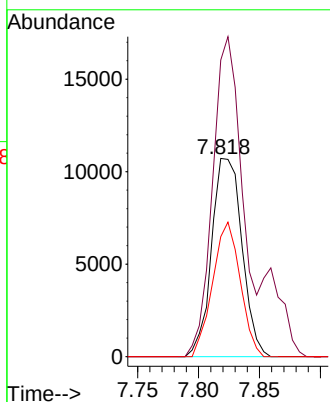
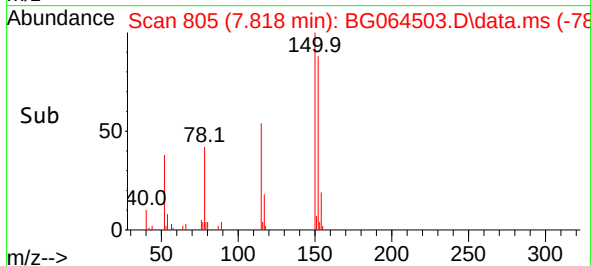
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MS



Tgt Ion:152 Resp: 1859
 Ion Ratio Lower Upper
 152 100
 150 149.7 138.6 207.8
 115 60.6 63.4 95.2

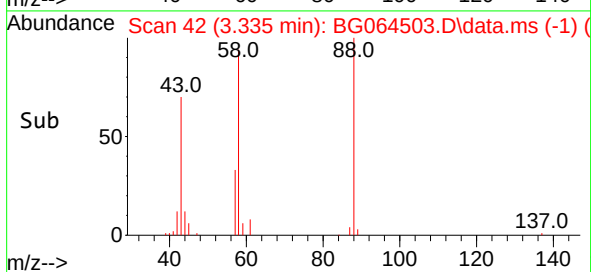
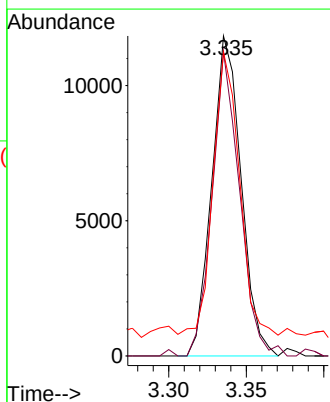
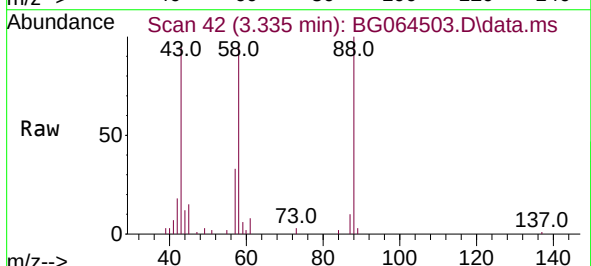
Manual Integrations
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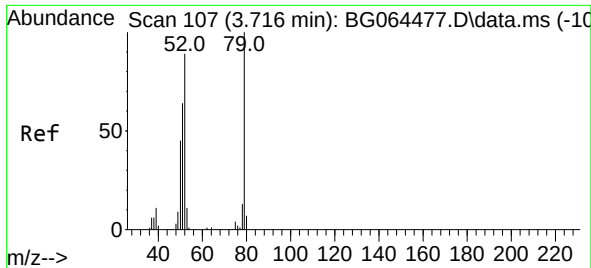
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025



#2
 1,4-Dioxane
 Concen: 39.210 ng
 RT: 3.335 min Scan# 42
 Delta R.T. 0.015 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

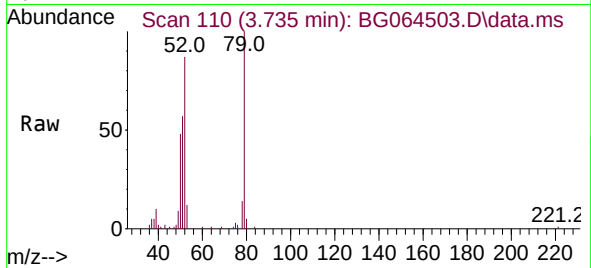
Tgt Ion: 88 Resp: 15583
 Ion Ratio Lower Upper
 88 100
 58 89.6 69.8 104.6
 43 79.9 37.4 56.0





#3
Pyridine
Concen: 38.436 ng
RT: 3.735 min Scan# 110
Delta R.T. 0.021 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

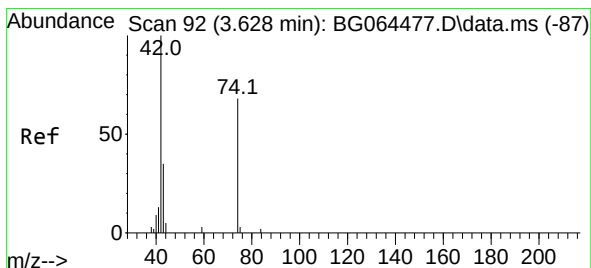
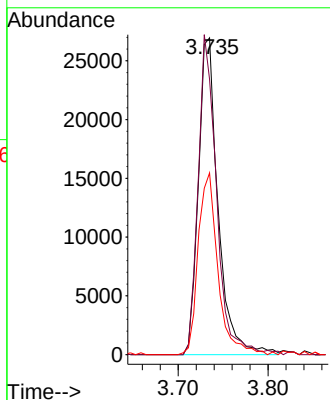
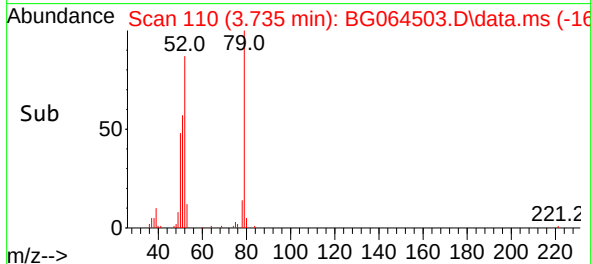
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion: 79 Resp: 41054
Ion Ratio Lower Upper
79 100
52 86.9 71.0 106.4
51 57.4 51.0 76.6

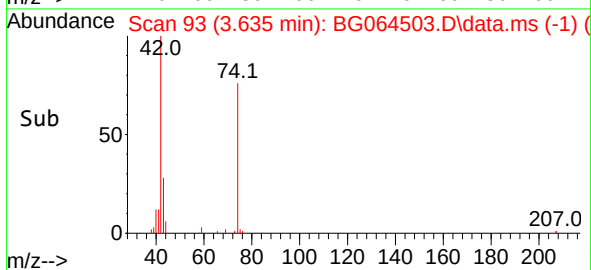
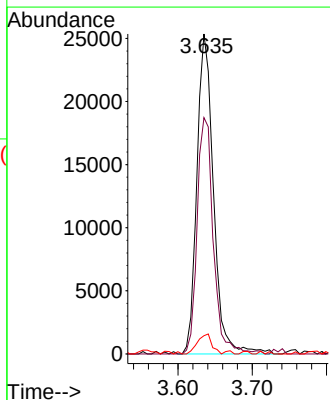
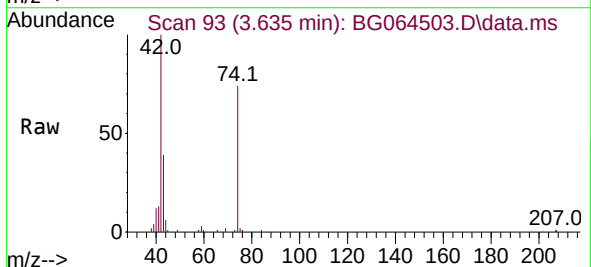
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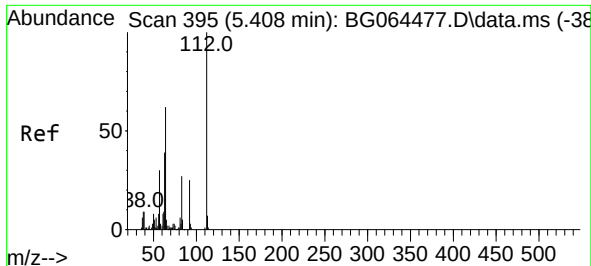
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 50.931 ng
RT: 3.635 min Scan# 93
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

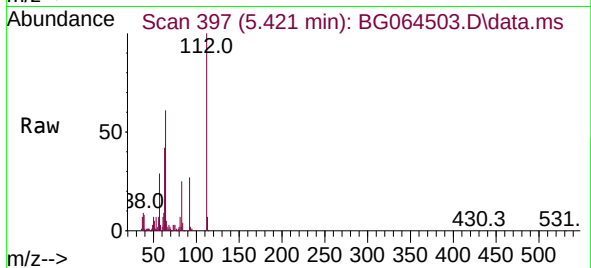
Tgt Ion: 42 Resp: 39436
Ion Ratio Lower Upper
42 100
74 73.8 54.2 81.4
44 5.7 4.2 6.2





#5
2-Fluorophenol
Concen: 144.258 ng
RT: 5.421 min Scan# 395
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

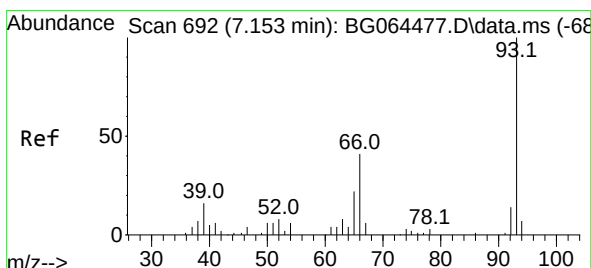
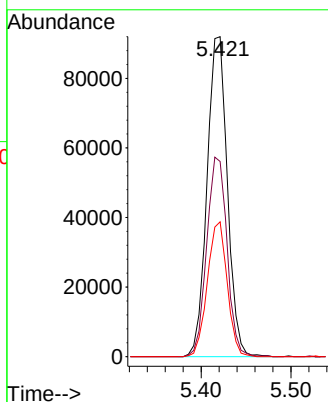
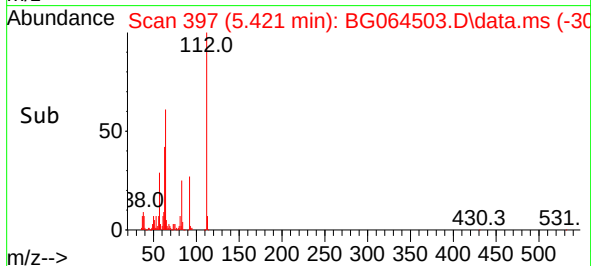
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:112 Resp: 144945
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.8
63 42.1 31.3 46.9

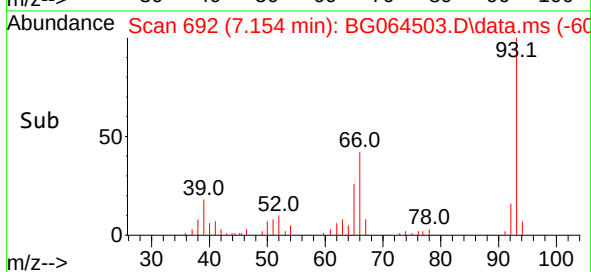
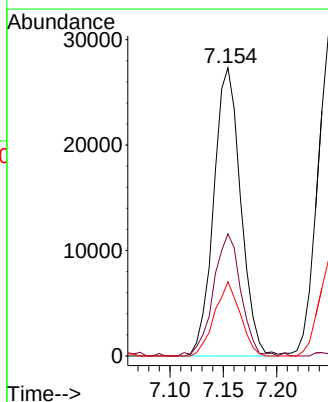
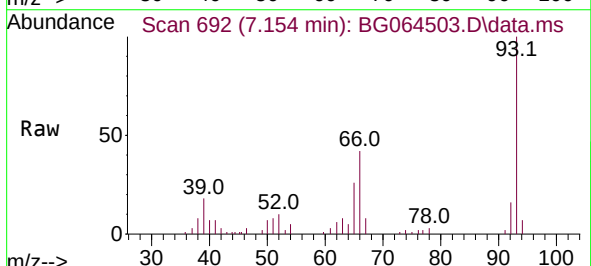
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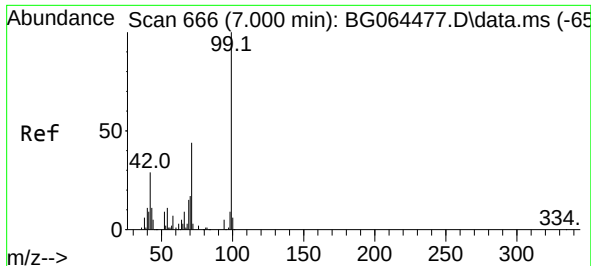
Reviewed By :Jagrut Upadhyay 10/15/2025
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#6
Aniline
Concen: 28.212 ng
RT: 7.154 min Scan# 692
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

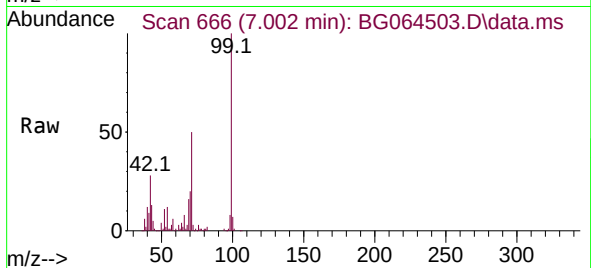
Tgt Ion: 93 Resp: 48050
Ion Ratio Lower Upper
93 100
66 42.4 33.0 49.4
65 25.7 17.5 26.3





#7
Phenol-d6
Concen: 130.122 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

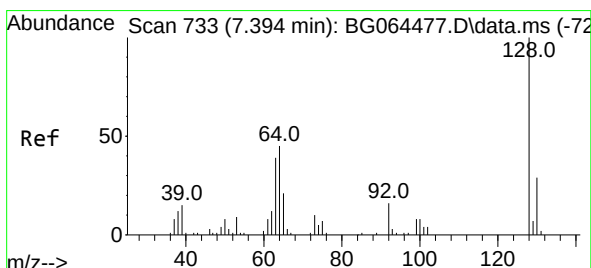
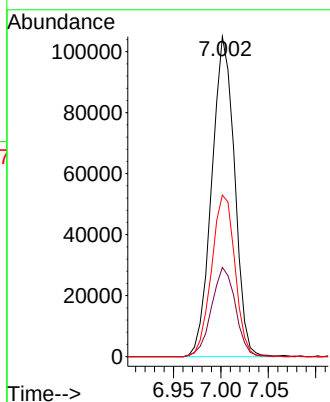
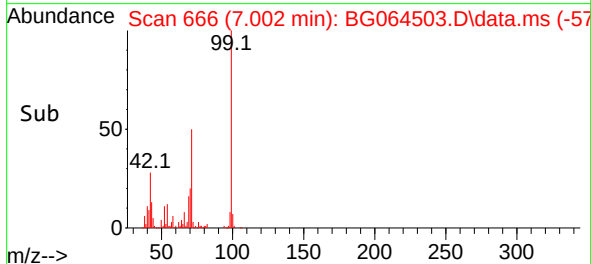
Instrument :
BNA_G
ClientSampleId :
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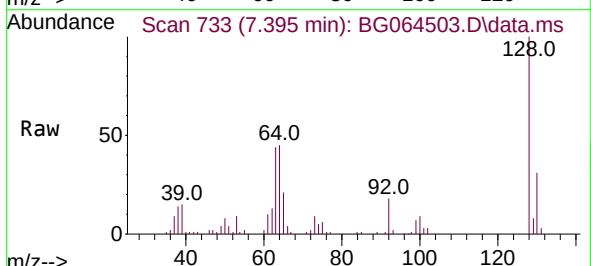
Tgt Ion: 99 Resp: 175696
Ion Ratio Lower Upper
99 100
42 27.9 22.9 34.3
71 50.5 35.4 53.2

Manual Integrations
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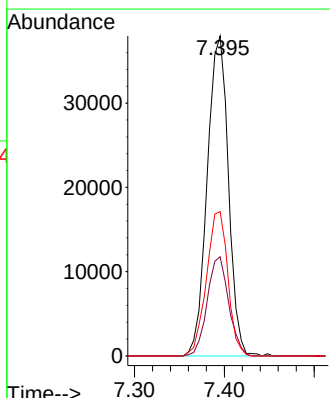
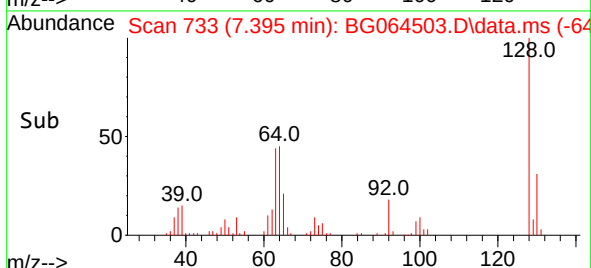
Reviewed By :Jagrut Upadhyay 10/15/2025
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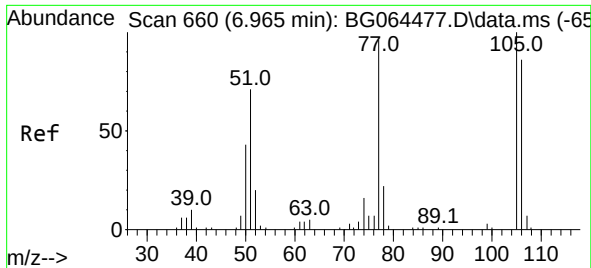


#8
2-Chlorophenol
Concen: 50.381 ng
RT: 7.395 min Scan# 733
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



Tgt Ion:128 Resp: 62160
Ion Ratio Lower Upper
128 100
130 31.0 9.2 49.2
64 45.1 25.5 65.5





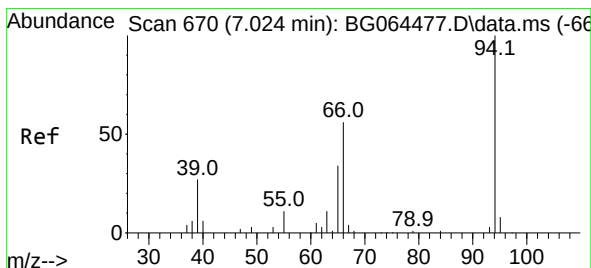
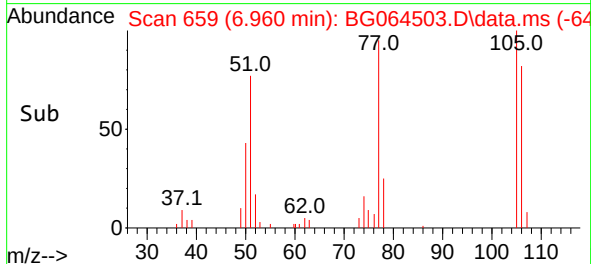
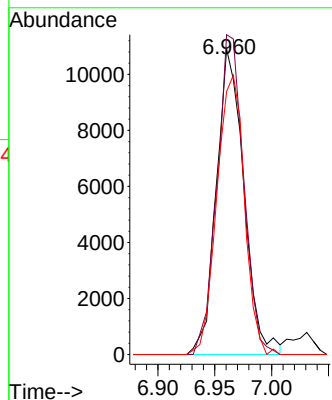
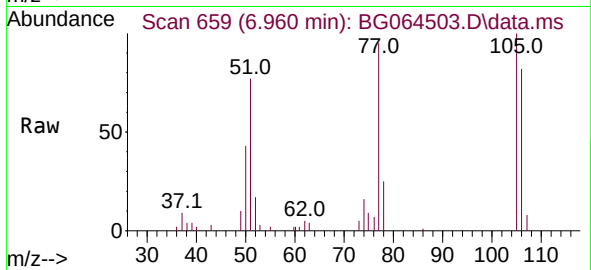
#9
Benzaldehyde
Concen: 15.278 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion: 77 Resp: 18312
Ion Ratio Lower Upper
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105 104.7 83.7 123.7
106 86.0 69.4 109.4

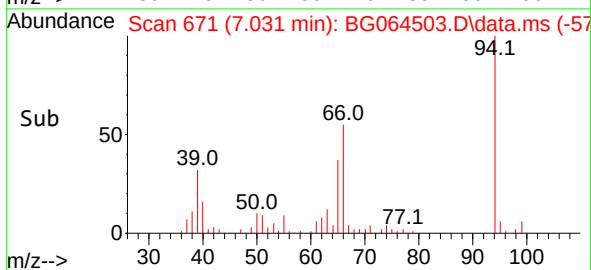
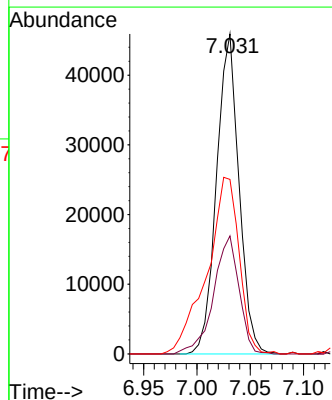
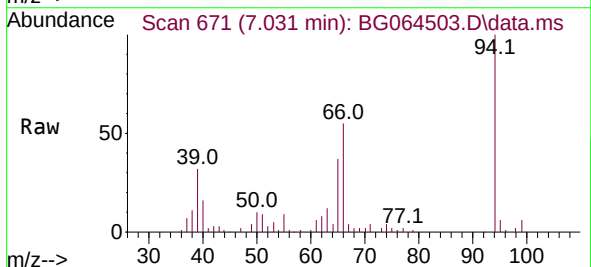
Manual Integrations
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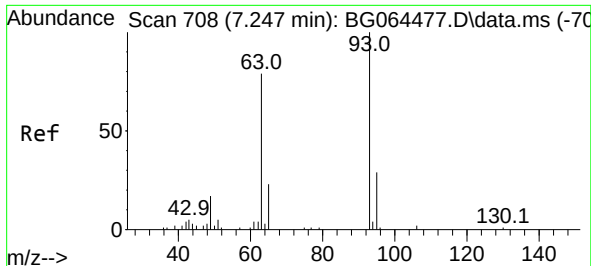
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#10
Phenol
Concen: 47.239 ng
RT: 7.031 min Scan# 671
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

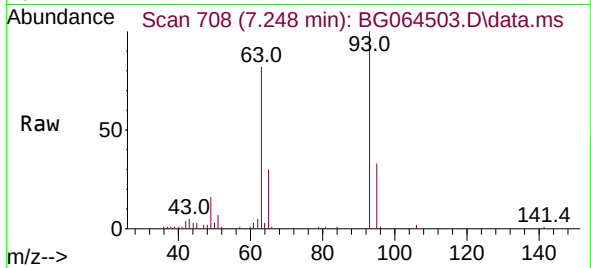
Tgt Ion: 94 Resp: 67286
Ion Ratio Lower Upper
94 100
65 36.9 14.8 54.8
66 54.5 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 48.632 ng
RT: 7.248 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

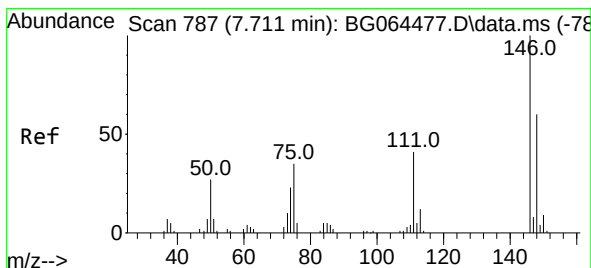
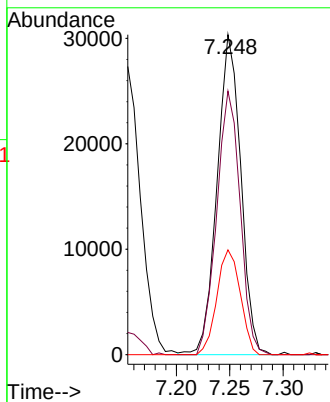
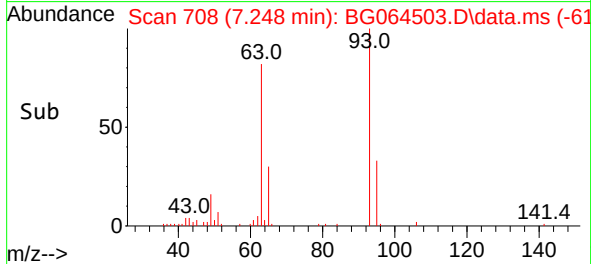
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



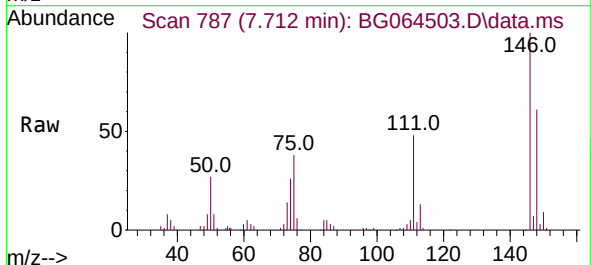
Tgt Ion: 93 Resp: 46911
Ion Ratio Lower Upper
93 100
63 82.3 59.5 99.5
95 32.7 8.8 48.8

Manual Integrations
APPROVED

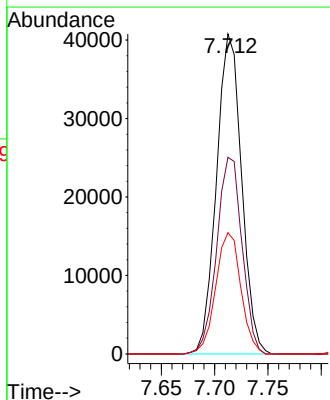
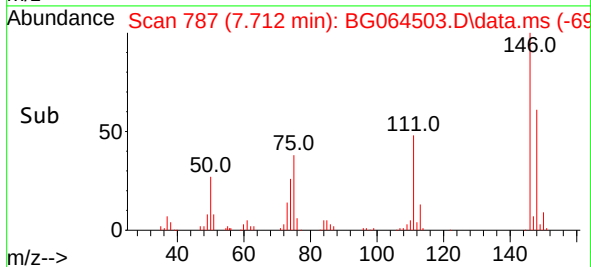
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

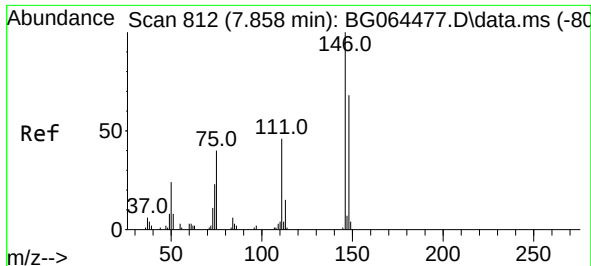


#12
1,3-Dichlorobenzene
Concen: 49.587 ng
RT: 7.712 min Scan# 787
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



Tgt Ion:146 Resp: 66927
Ion Ratio Lower Upper
146 100
148 61.4 48.4 72.6
75 37.9 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 49.749 ng

RT: 7.859 min Scan# 812

Delta R.T. 0.004 min

Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

Instrument :

BNA_G

ClientSampleId :

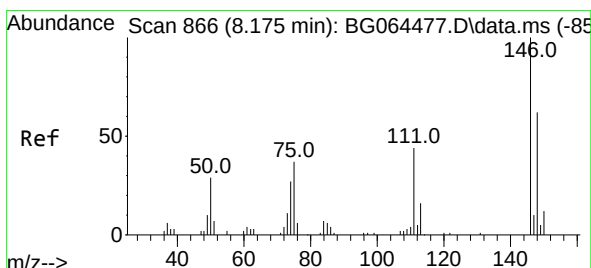
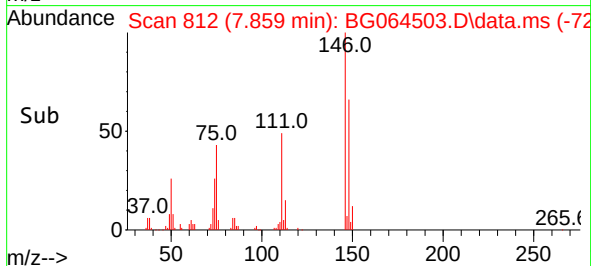
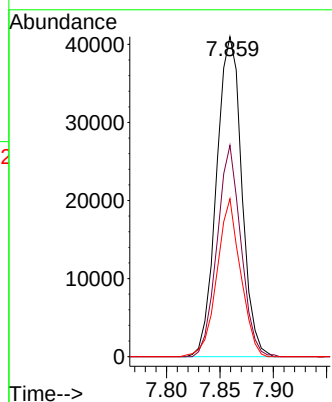
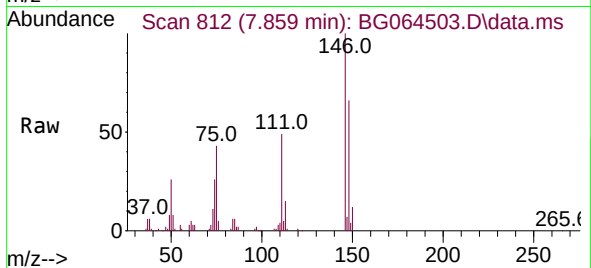
P001-DS-01MS

Tgt Ion:	146	Resp:	67389
Ion Ratio	Lower	Upper	
146	100		
148	66.0	54.4	81.6
111	49.3	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#14

1,2-Dichlorobenzene

Concen: 49.028 ng

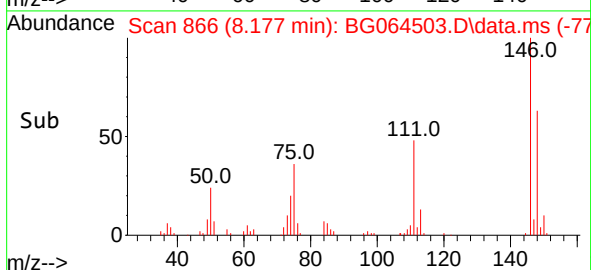
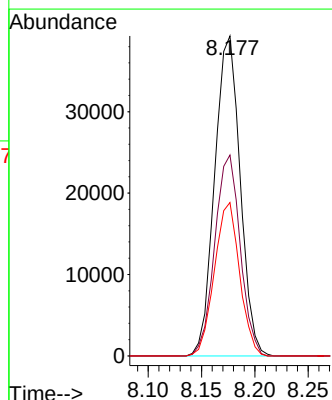
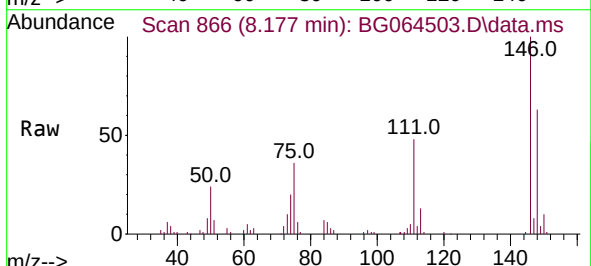
RT: 8.177 min Scan# 866

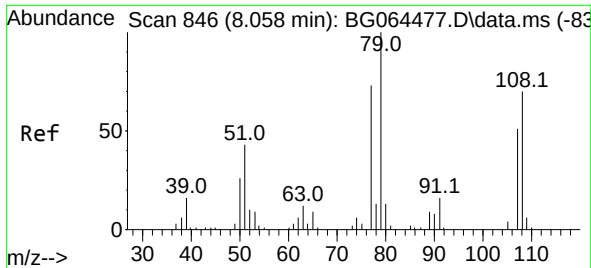
Delta R.T. 0.004 min

Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

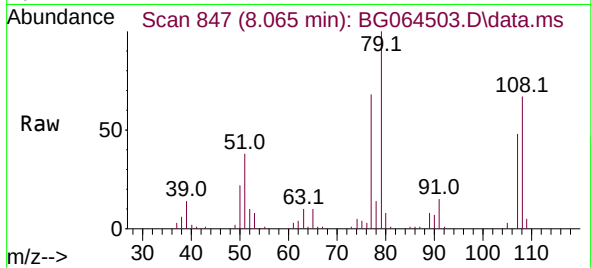
Tgt Ion:	146	Resp:	65454
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.0	75.0
111	47.9	35.0	52.4





#15
Benzyl Alcohol
Concen: 51.413 ng
RT: 8.065 min Scan# 846
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

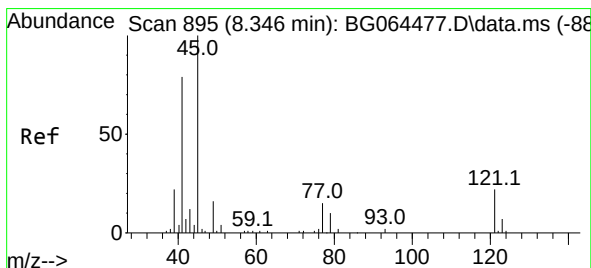
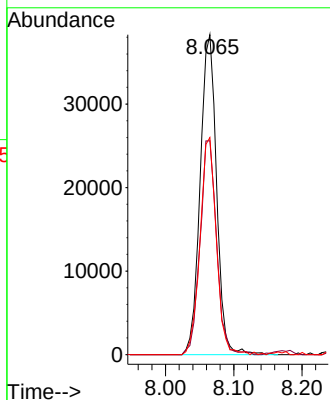
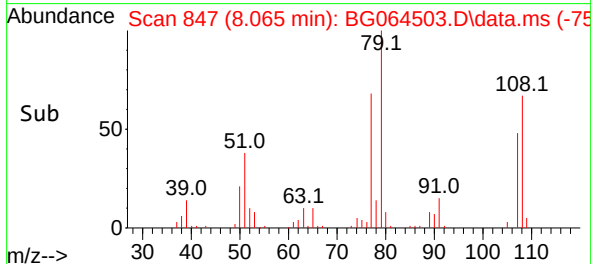
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



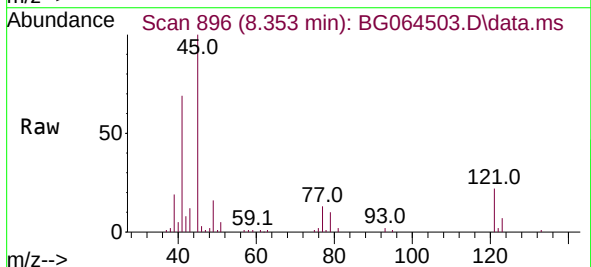
Tgt Ion: 79 Resp: 63931
Ion Ratio Lower Upper
79 100
108 66.8 56.4 84.6
77 67.8 58.3 87.5

Manual Integrations
APPROVED

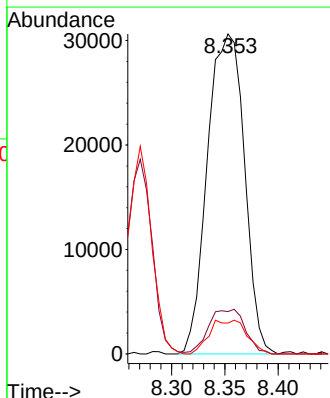
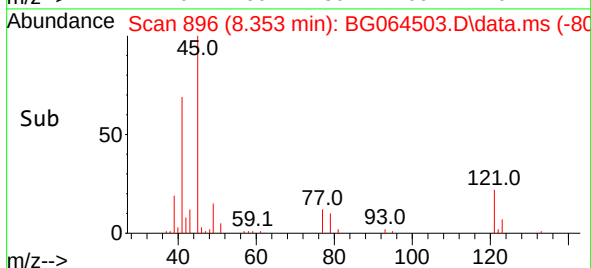
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

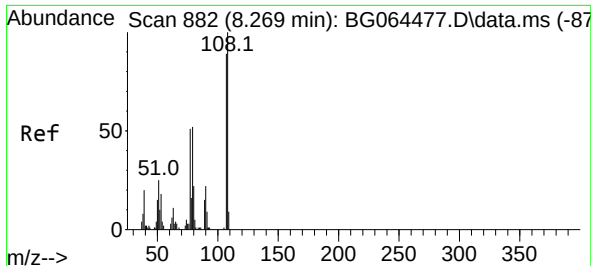


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.607 ng
RT: 8.353 min Scan# 896
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



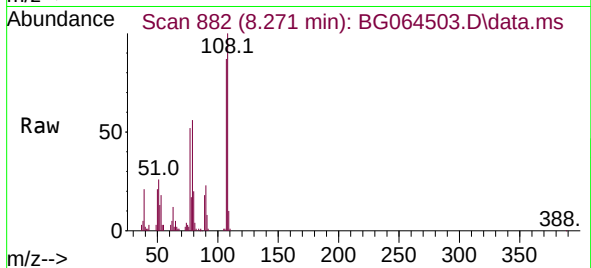
Tgt Ion: 45 Resp: 74023
Ion Ratio Lower Upper
45 100
77 13.3 0.0 35.6
79 9.7 0.0 30.7





#17
2-Methylphenol
Concen: 51.092 ng
RT: 8.271 min Scan# 882
Delta R.T. 0.009 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

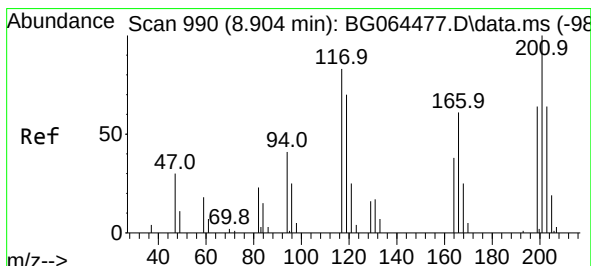
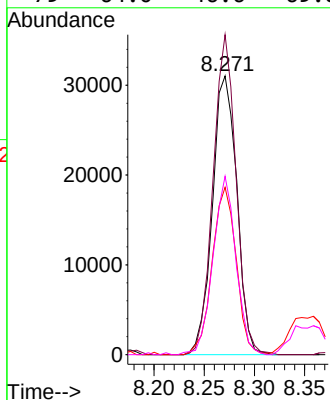
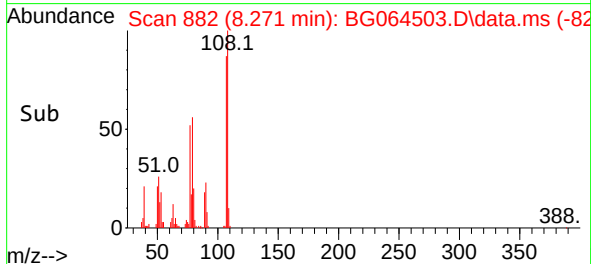
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:	107	Resp:	5269
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.3	135.5
77	60.0	46.0	69.0
79	64.0	46.6	69.8

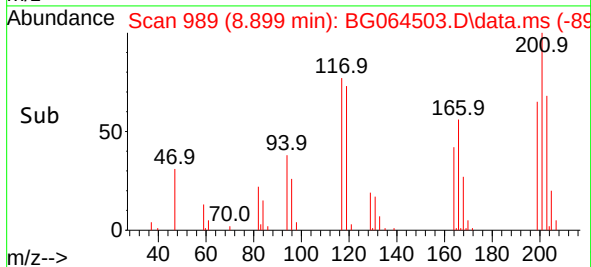
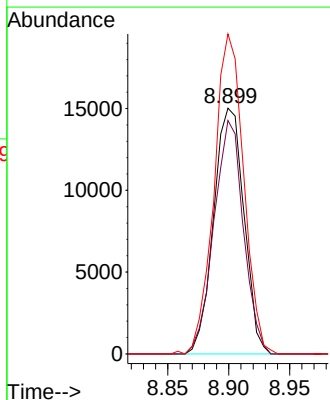
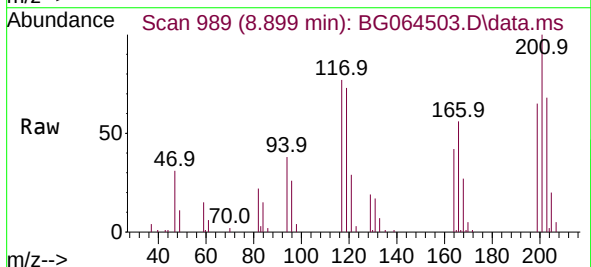
Manual Integrations
APPROVED

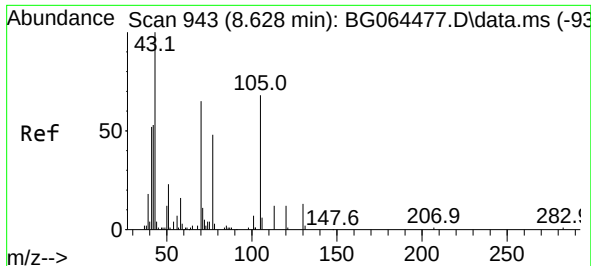
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#18
Hexachloroethane
Concen: 48.629 ng
RT: 8.899 min Scan# 989
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

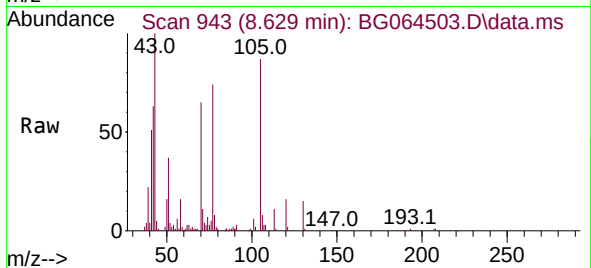
Tgt Ion:	117	Resp:	26001
Ion Ratio	Lower	Upper	
117	100		
119	95.0	67.4	101.0
201	130.2	95.9	143.9





#19
n-Nitroso-di-n-propylamine
Concen: 48.316 ng
RT: 8.629 min Scan# 94
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

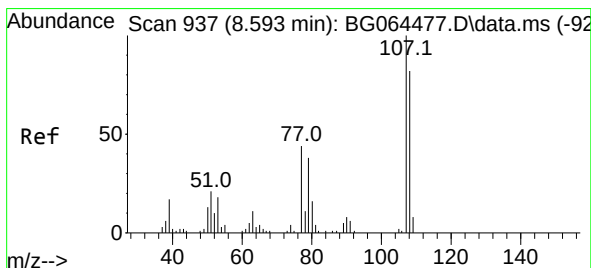
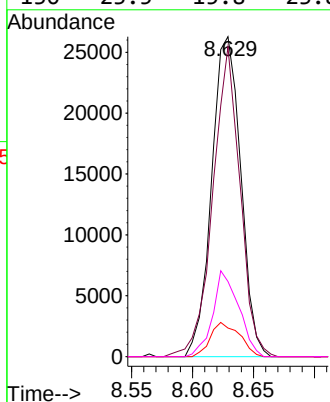
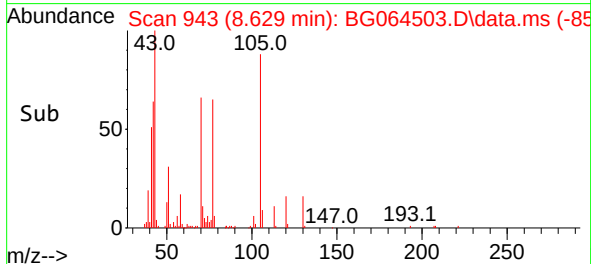
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion: 70 Resp: 43630
Ion Ratio Lower Upper
70 100
42 96.8 64.9 97.3
101 8.9 8.7 13.1
130 23.5 15.8 23.8

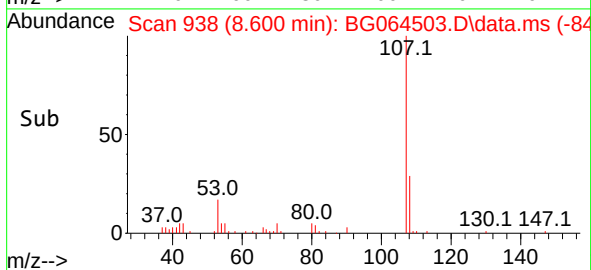
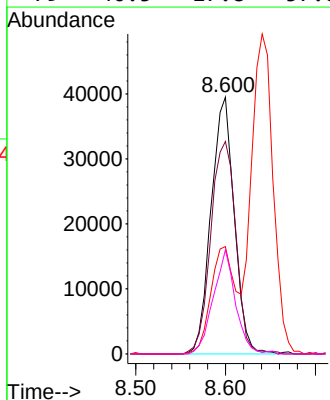
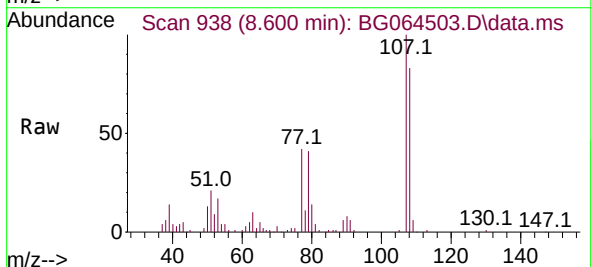
Manual Integrations
APPROVED

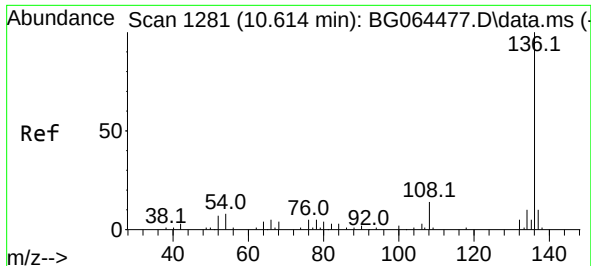
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#20
3+4-Methylphenols
Concen: 49.110 ng
RT: 8.600 min Scan# 938
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

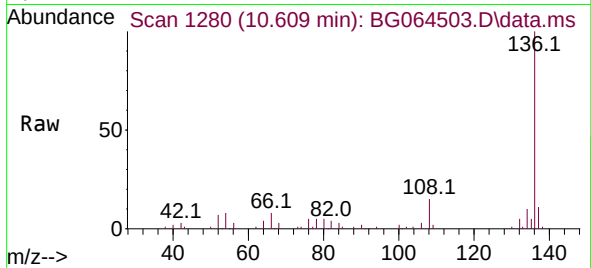
Tgt Ion:107 Resp: 70685
Ion Ratio Lower Upper
107 100
108 82.7 62.1 102.1
77 41.8 23.5 63.5
79 40.5 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

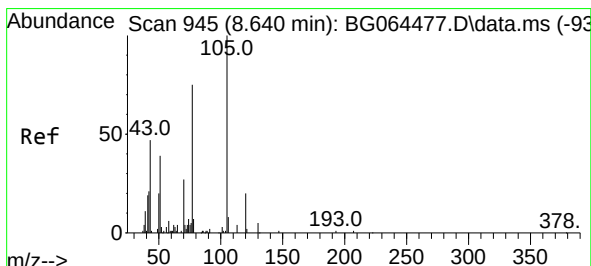
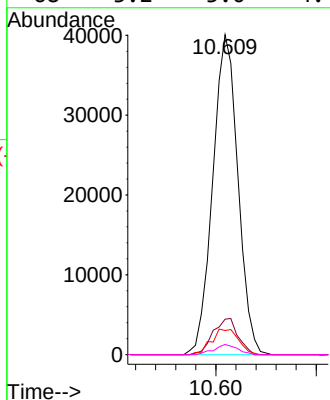
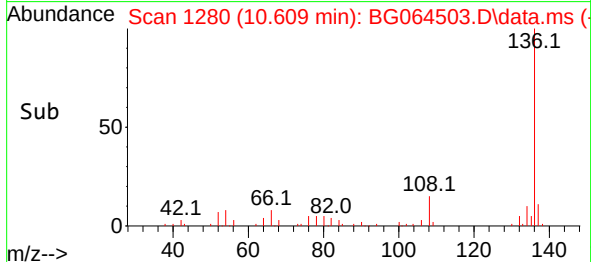
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:136 Resp: 69814
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.5 6.2 9.4
68 3.2 3.0 4.4

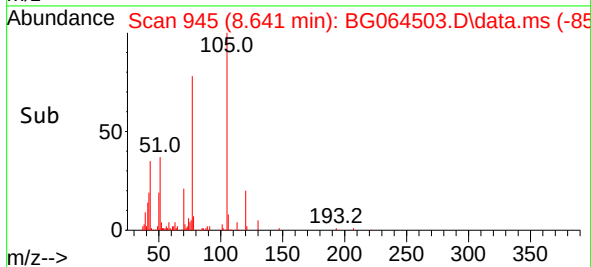
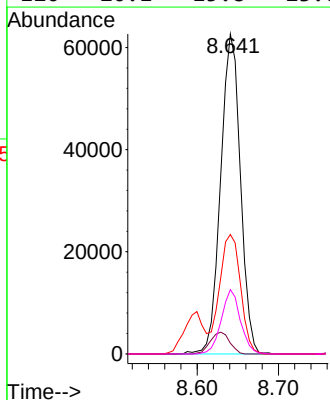
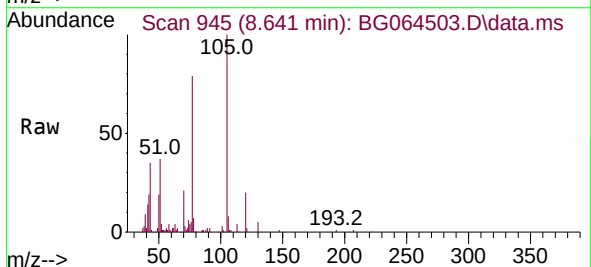
Manual Integrations
APPROVED

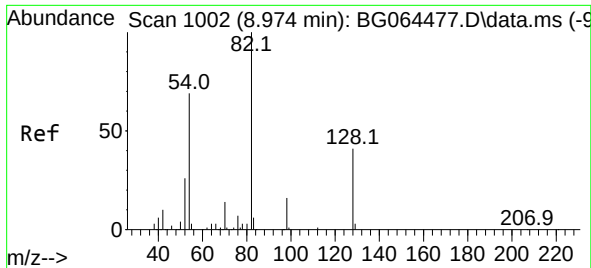
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#22
Acetophenone
Concen: 62.588 ng
RT: 8.641 min Scan# 945
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

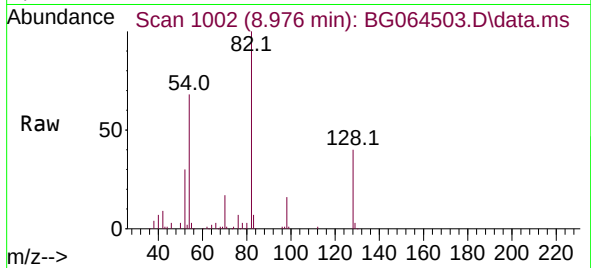
Tgt Ion:105 Resp: 105797
Ion Ratio Lower Upper
105 100
71 3.3 2.8 4.2
51 37.3 33.0 49.4
120 20.1 15.8 23.6





#23
Nitrobenzene-d5
Concen: 102.353 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

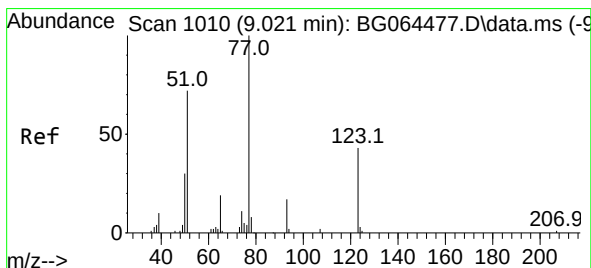
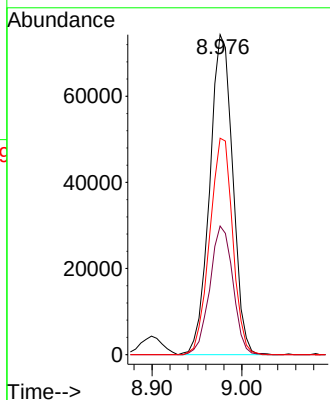
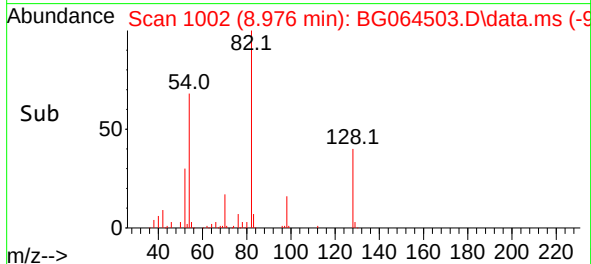
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion: 82 Resp: 132893
Ion Ratio Lower Upper
82 100
128 40.2 33.1 49.7
54 67.6 55.4 83.2

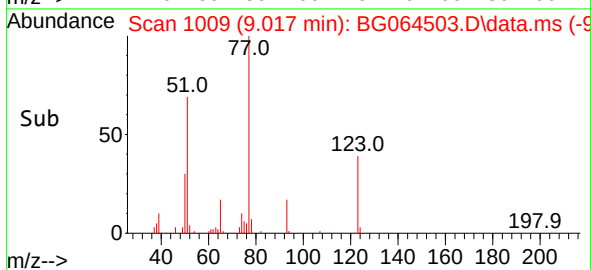
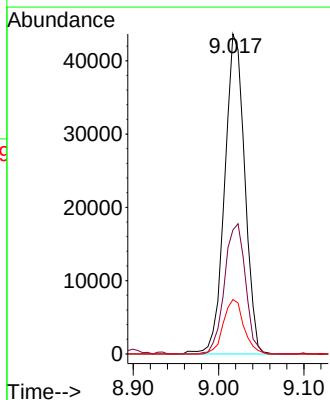
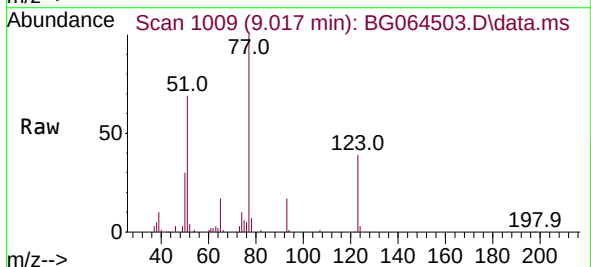
Manual Integrations
APPROVED

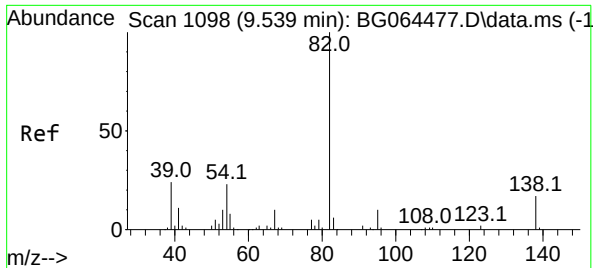
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#24
Nitrobenzene
Concen: 55.126 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

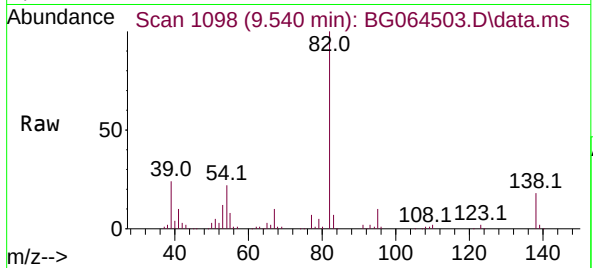
Tgt Ion: 77 Resp: 71375
Ion Ratio Lower Upper
77 100
123 38.7 34.4 51.6
65 17.0 14.8 22.2





#25
Isophorone
Concen: 53.971 ng
RT: 9.540 min Scan# 1098
Delta R.T. 0.009 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

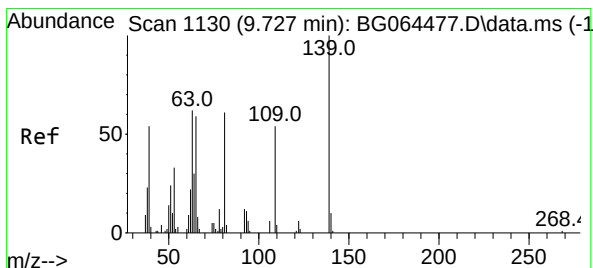
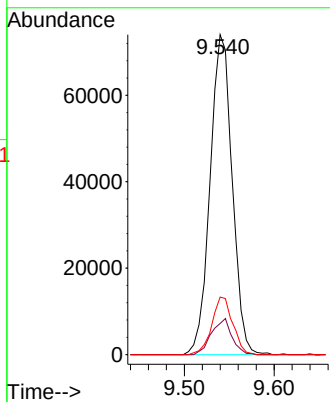
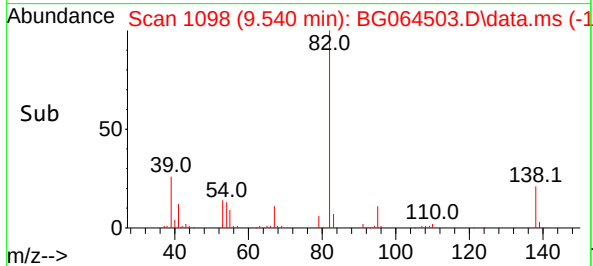
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



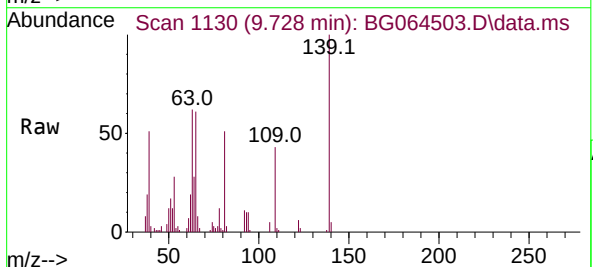
Tgt Ion: 82 Resp: 126946
Ion Ratio Lower Upper
82 100
95 9.7 7.8 11.8
138 18.0 13.8 20.6

Manual Integrations
APPROVED

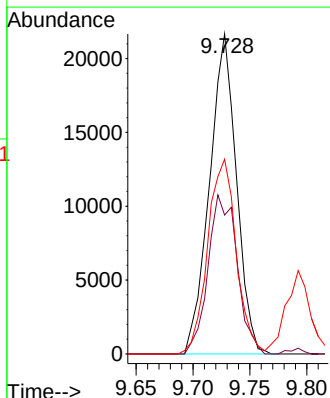
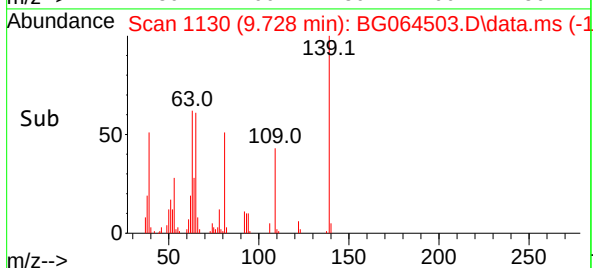
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

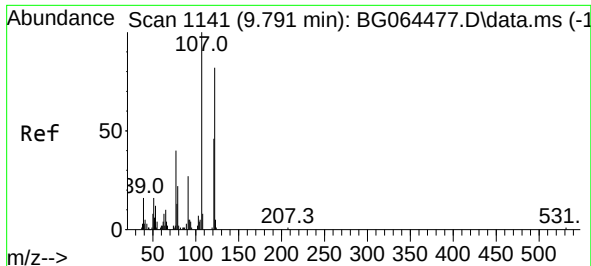


#26
2-Nitrophenol
Concen: 55.352 ng
RT: 9.728 min Scan# 1130
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



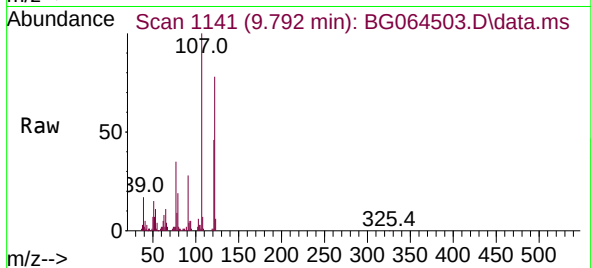
Tgt Ion:139 Resp: 35669
Ion Ratio Lower Upper
139 100
109 43.4 43.0 64.6
65 60.8 47.4 71.2





#27
2,4-Dimethylphenol
Concen: 61.989 ng
RT: 9.792 min Scan# 1141
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

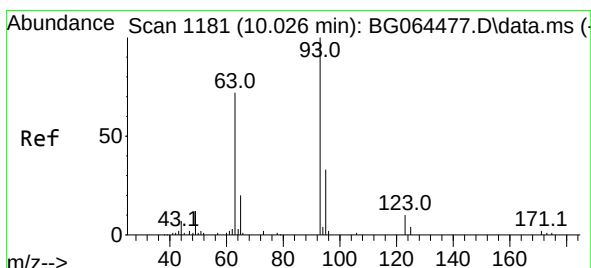
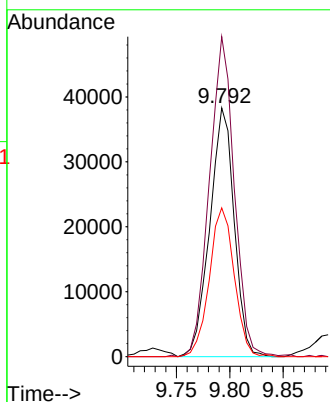
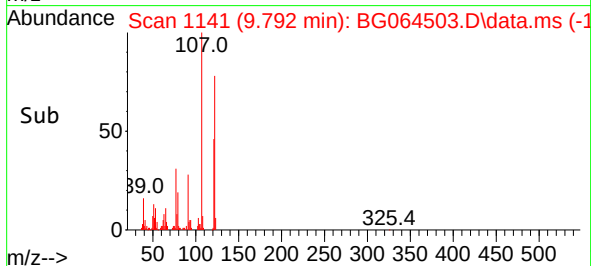
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:122 Resp: 61012
Ion Ratio Lower Upper
122 100
107 128.6 98.3 147.5
121 59.8 44.7 67.1

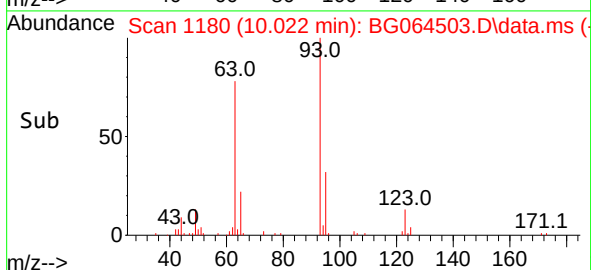
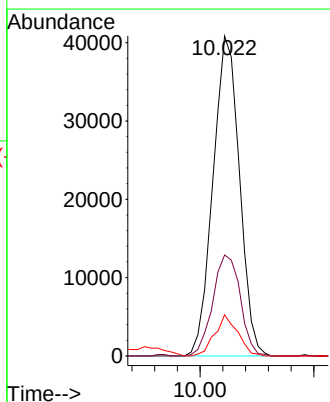
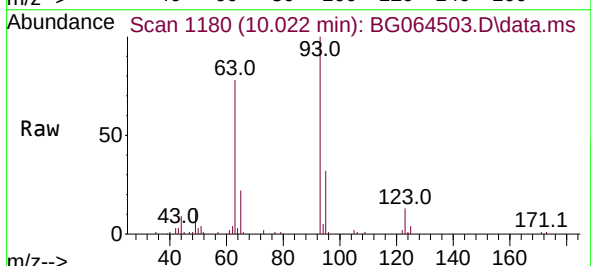
Manual Integrations
APPROVED

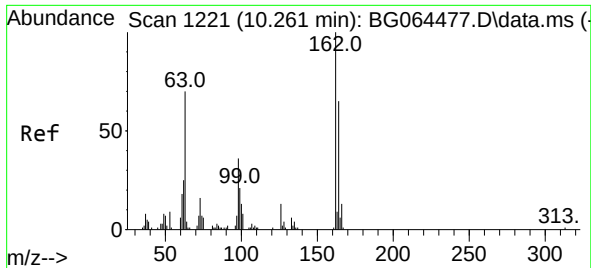
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 55.032 ng
RT: 10.022 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Tgt Ion: 93 Resp: 65982
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 12.8 8.9 13.3





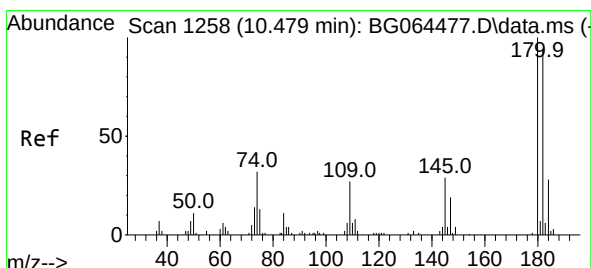
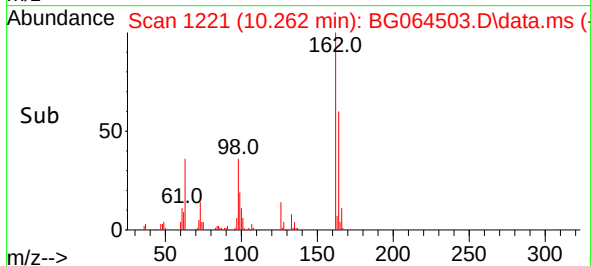
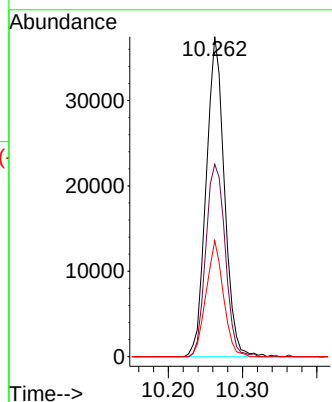
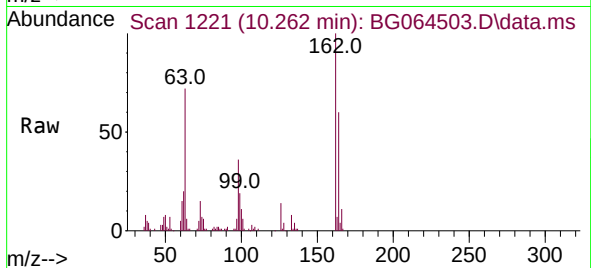
#29
2,4-Dichlorophenol
Concen: 56.241 ng
RT: 10.262 min Scan# 1221
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion:162 Resp: 64011
Ion Ratio Lower Upper
162 100
164 60.1 45.4 85.4
98 36.2 16.4 56.4

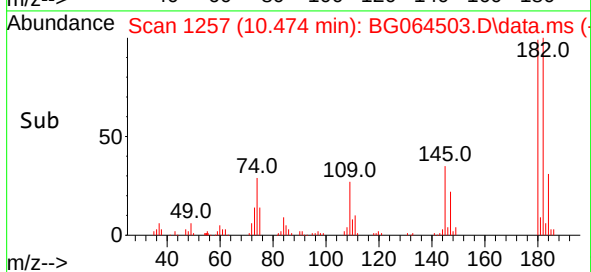
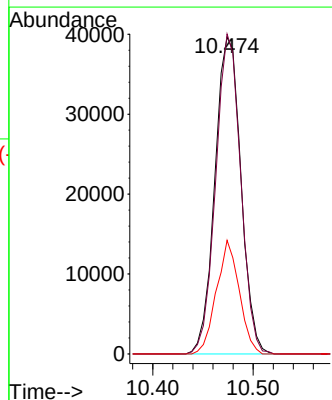
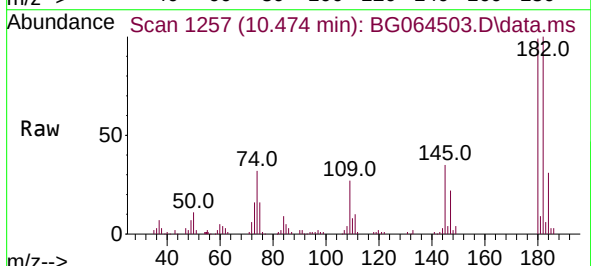
Manual Integrations
APPROVED

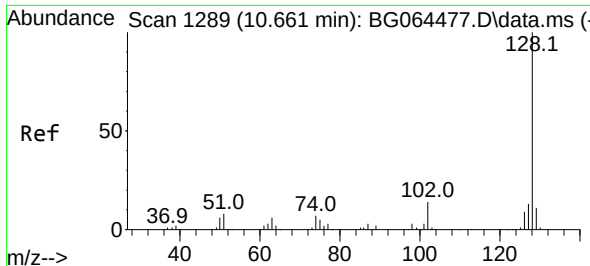
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#30
1,2,4-Trichlorobenzene
Concen: 57.612 ng
RT: 10.474 min Scan# 1257
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

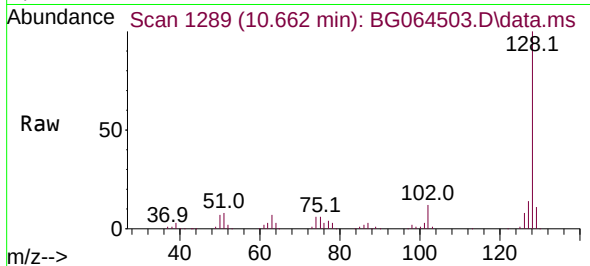
Tgt Ion:180 Resp: 71496
Ion Ratio Lower Upper
180 100
182 101.0 75.4 113.2
145 35.9 23.2 34.8#





#31
Naphthalene
Concen: 54.074 ng
RT: 10.662 min Scan# 1170
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

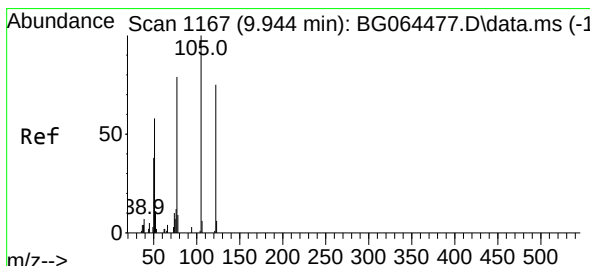
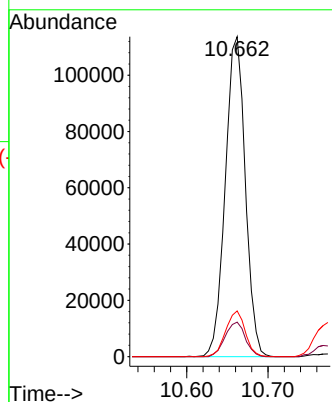
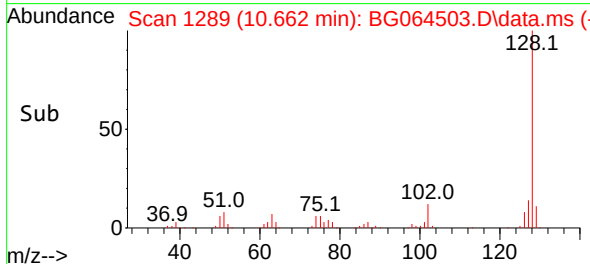
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:128 Resp: 194399
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 14.3 10.2 15.2

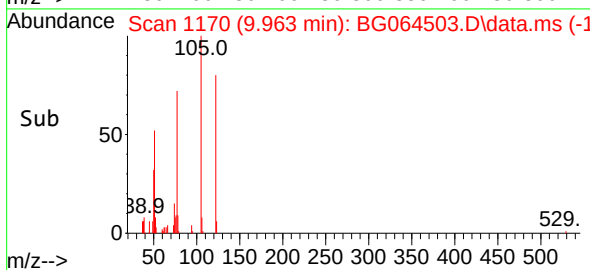
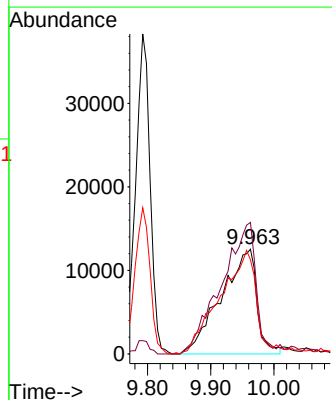
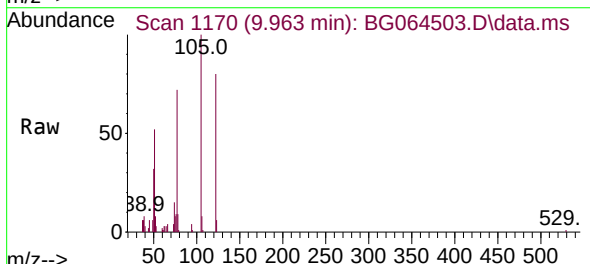
Manual Integrations
APPROVED

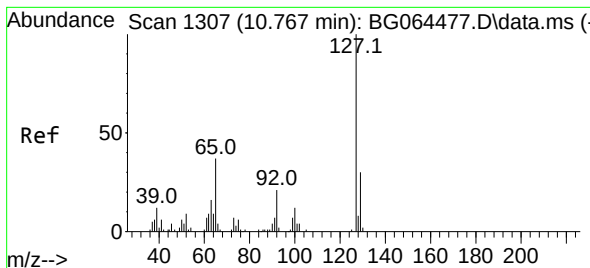
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#32
Benzoic acid
Concen: 65.060 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.074 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Tgt Ion:122 Resp: 49164
Ion Ratio Lower Upper
122 100
105 125.4 113.9 153.9
77 89.9 86.1 126.1





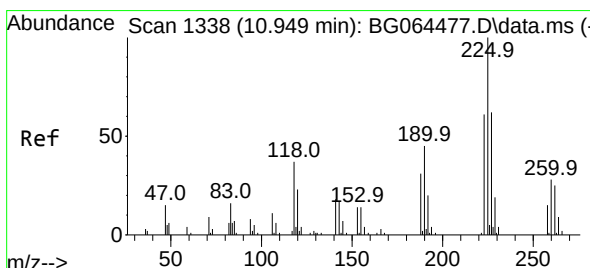
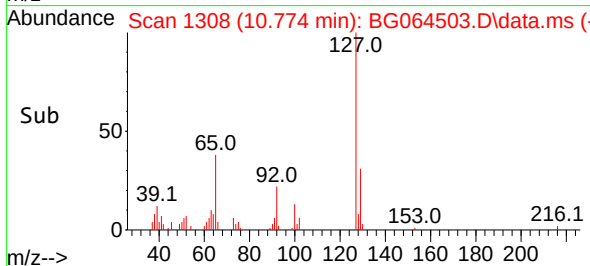
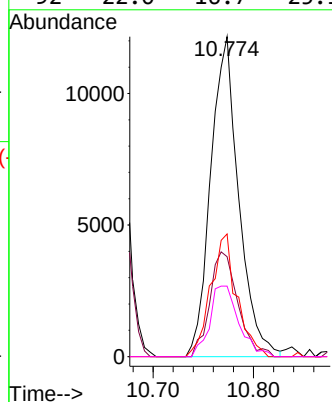
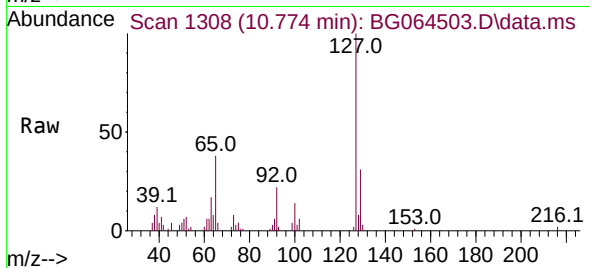
#33
4-Chloroaniline
Concen: 17.112 ng
RT: 10.774 min Scan# 1307
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion:	127	Resp:	2360
Ion Ratio	Lower	Upper	
127	100		
129	31.2	24.2	36.4
65	38.3	29.6	44.4
92	22.0	16.7	25.1

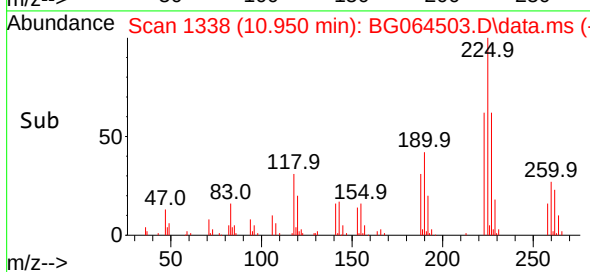
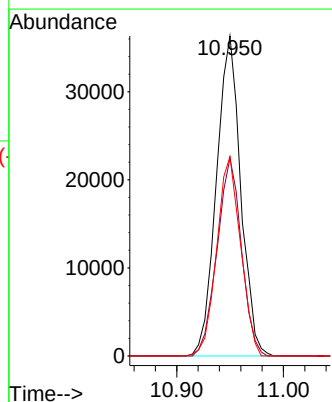
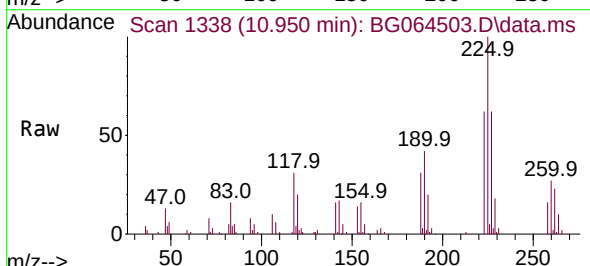
Manual Integrations
APPROVED

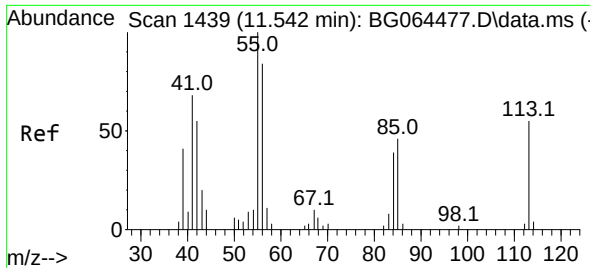
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#34
Hexachlorobutadiene
Concen: 54.177 ng
RT: 10.950 min Scan# 1338
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

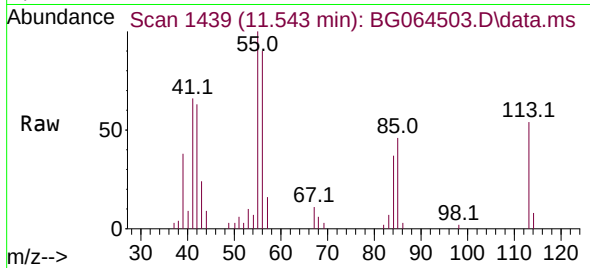
Tgt Ion:	225	Resp:	57580
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.0	73.6
227	62.3	49.9	74.9





#35
 Caprolactam
 Concen: 48.709 ng m
 RT: 11.543 min Scan# 1439
 Delta R.T. 0.033 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

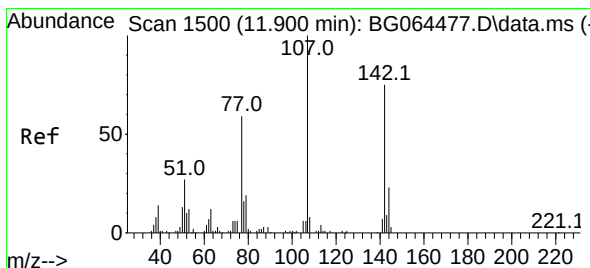
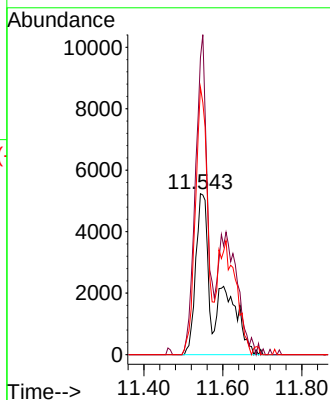
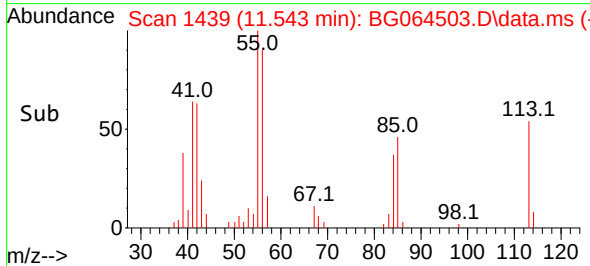
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MS



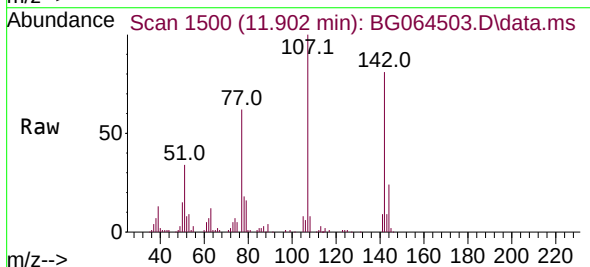
Tgt Ion:113 Resp: 18979
 Ion Ratio Lower Upper
 113 100
 55 184.4 162.0 202.0
 56 166.0 134.6 174.6

Manual Integrations
 APPROVED

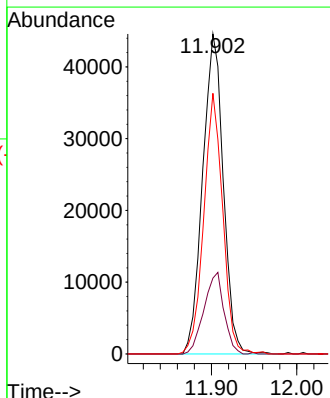
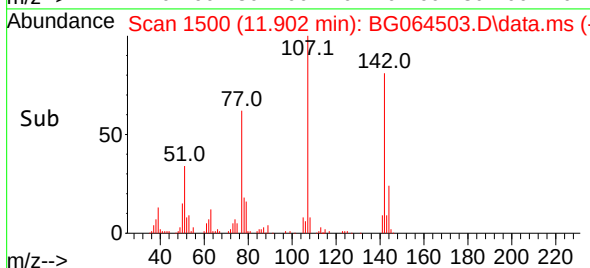
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

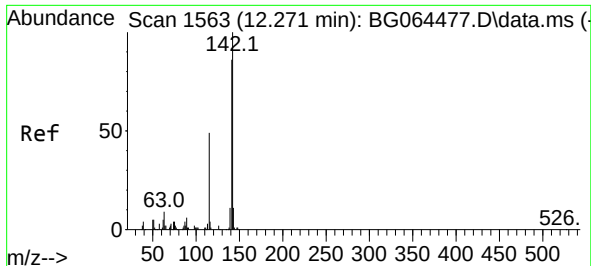


#36
 4-Chloro-3-methylphenol
 Concen: 54.028 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52



Tgt Ion:107 Resp: 74780
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.7 28.1
 142 81.4 60.2 90.2





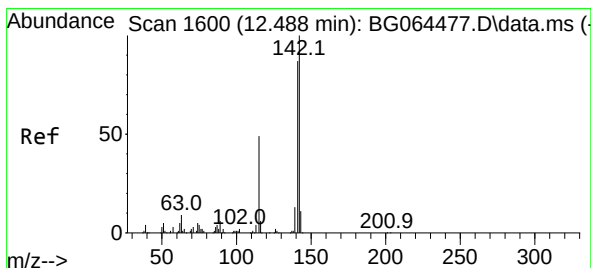
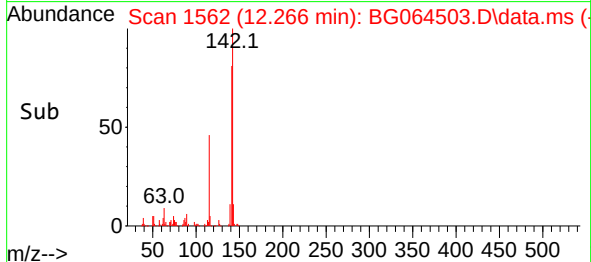
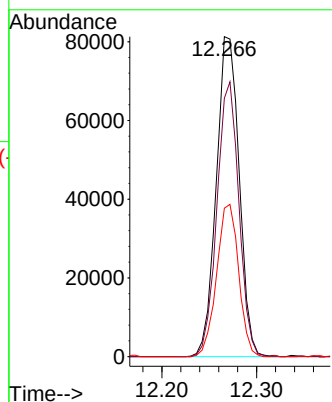
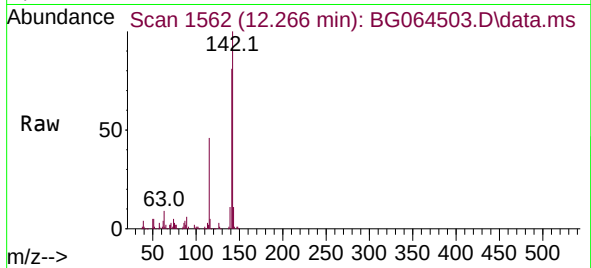
#37
2-Methylnaphthalene
Concen: 49.462 ng
RT: 12.266 min Scan# 1562
Delta R.T. -0.002 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion:142 Resp: 136497
Ion Ratio Lower Upper
142 100
141 80.7 68.7 103.1
115 46.4 39.3 58.9

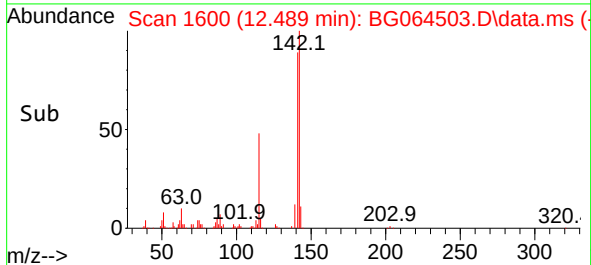
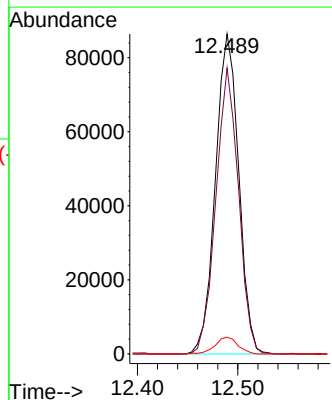
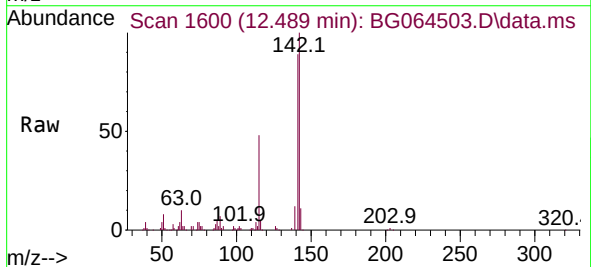
Manual Integrations
APPROVED

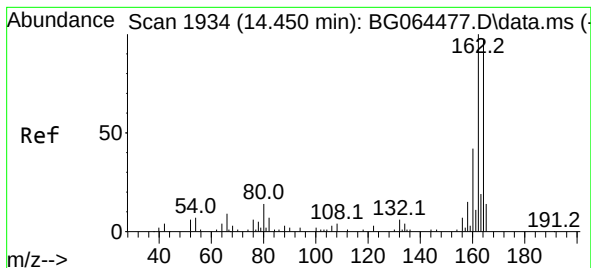
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#38
1-Methylnaphthalene
Concen: 50.664 ng
RT: 12.489 min Scan# 1600
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

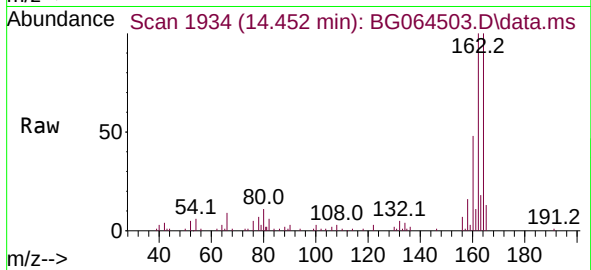
Tgt Ion:142 Resp: 139412
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.8
116 5.2 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.452 min Scan# 1934
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

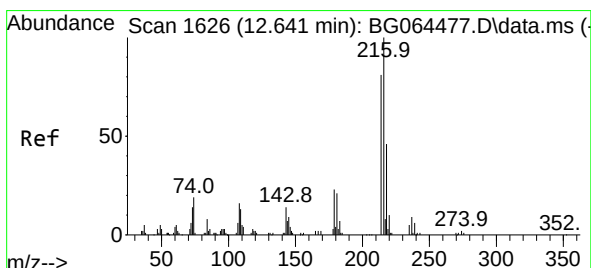
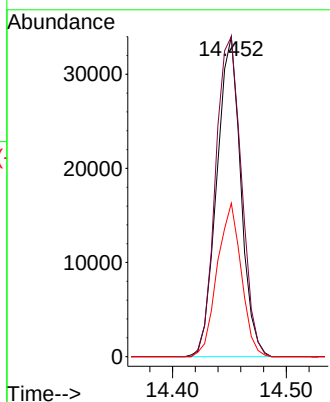
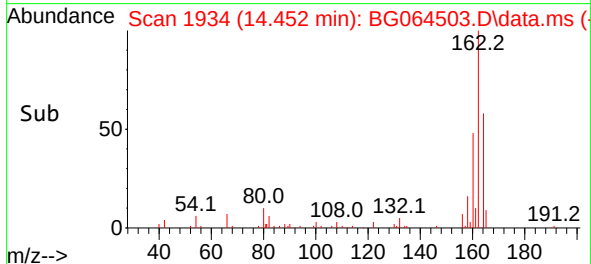
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



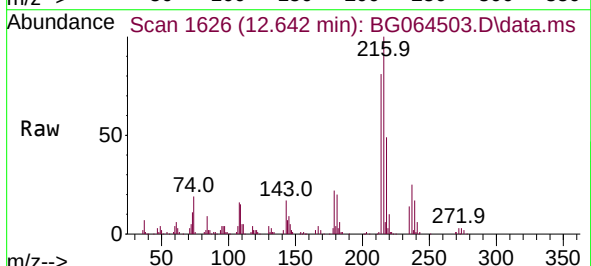
Tgt Ion:164 Resp: 49830
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 48.0 34.3 51.5

Manual Integrations
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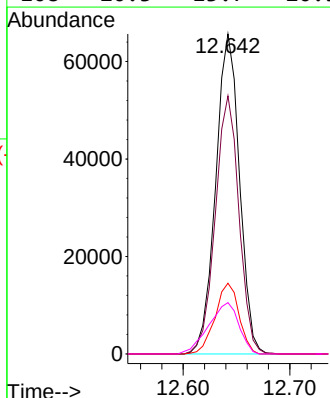
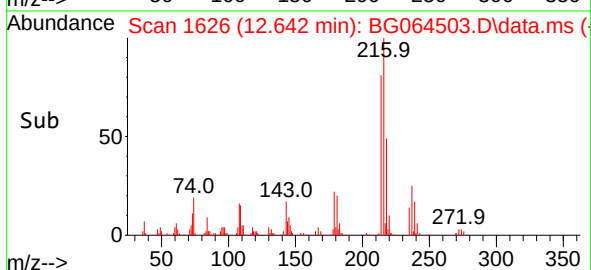
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

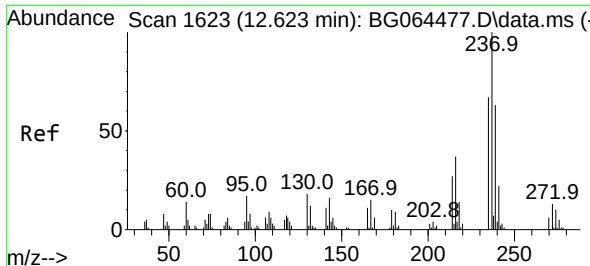


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.258 ng
RT: 12.642 min Scan# 1626
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



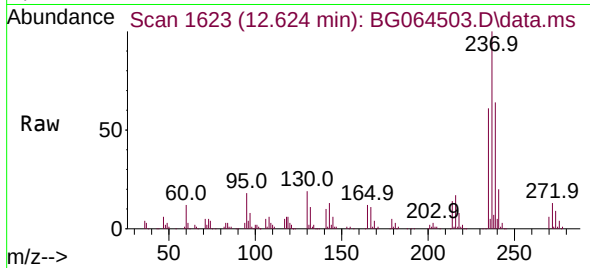
Tgt Ion:216 Resp: 101777
Ion Ratio Lower Upper
216 100
214 80.3 62.5 93.7
179 22.2 17.0 25.6
108 20.3 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 172.901 ng
RT: 12.624 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

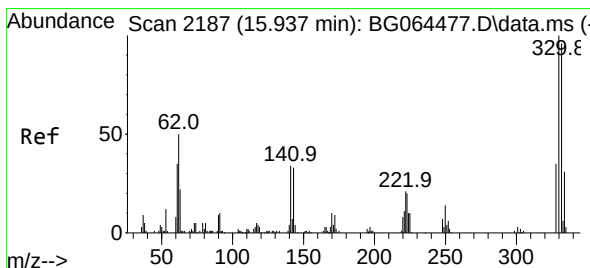
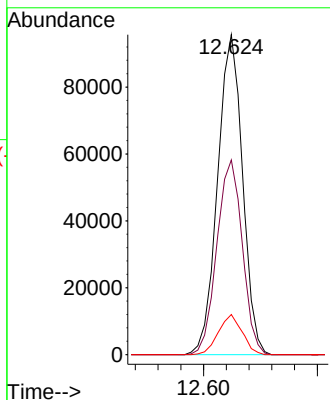
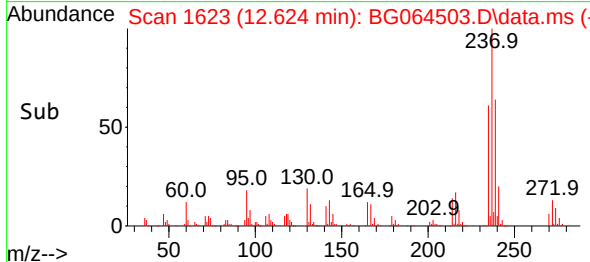
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



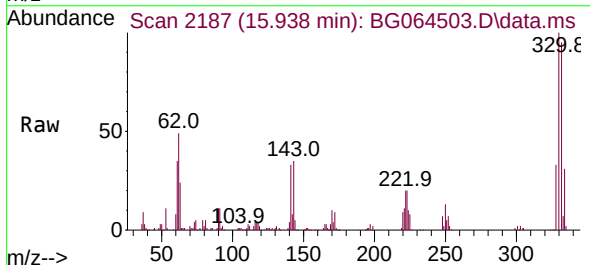
Tgt Ion:237 Resp: 145516
Ion Ratio Lower Upper
237 100
235 60.8 46.9 86.9
272 12.5 0.0 32.6

Manual Integrations
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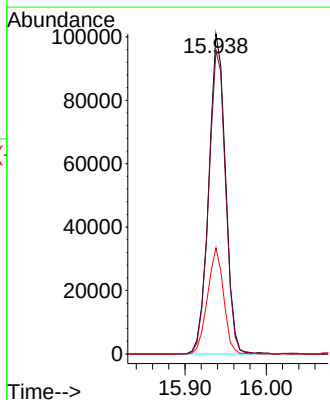
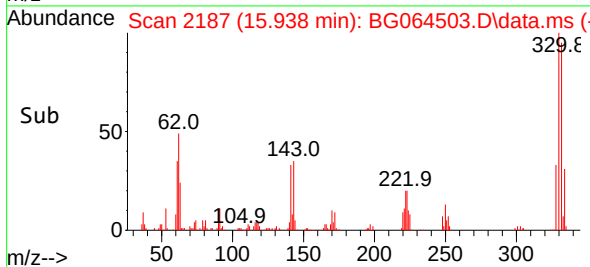
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

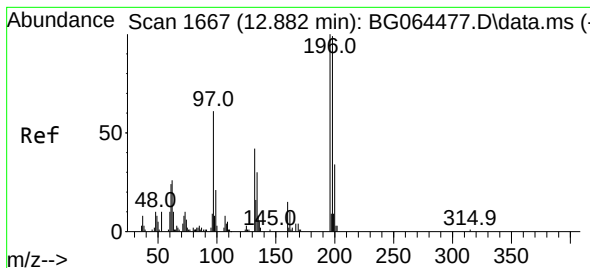


#42
2,4,6-Tribromophenol
Concen: 159.890 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



Tgt Ion:330 Resp: 144419
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 31.7 25.8 38.6





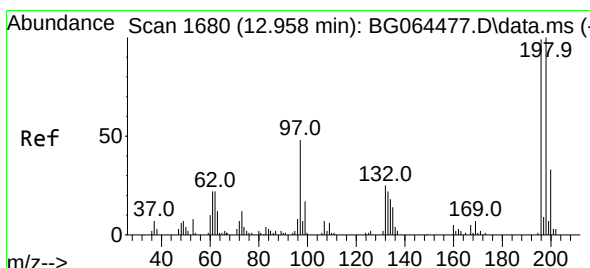
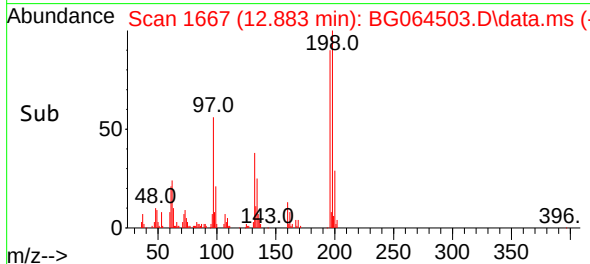
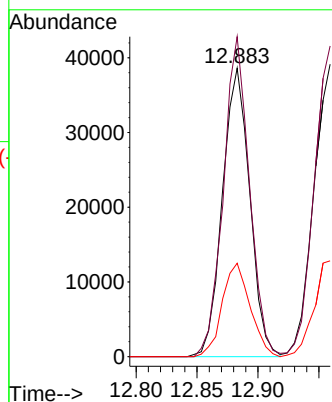
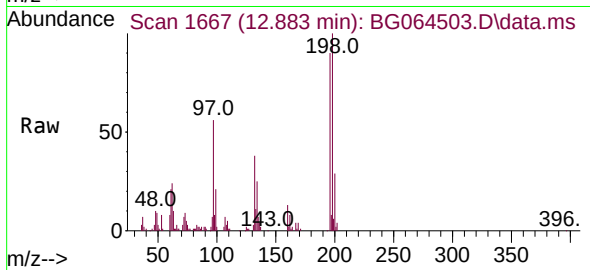
#43
2,4,6-Trichlorophenol
Concen: 58.500 ng
RT: 12.883 min Scan# 1667
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion:196 Resp: 60168
Ion Ratio Lower Upper
196 100
198 111.0 79.3 118.9
200 32.4 27.4 41.2

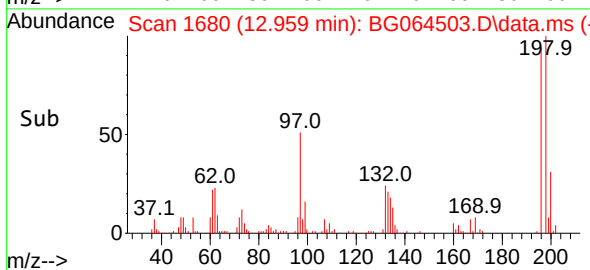
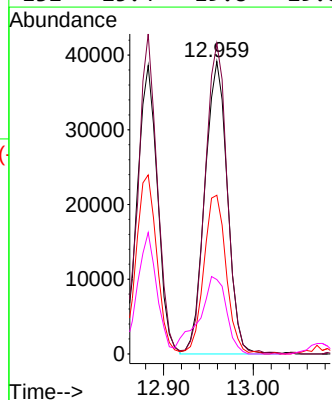
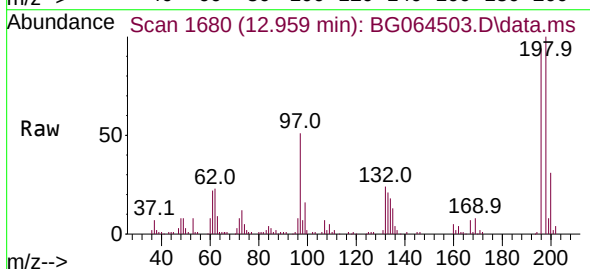
Manual Integrations
APPROVED

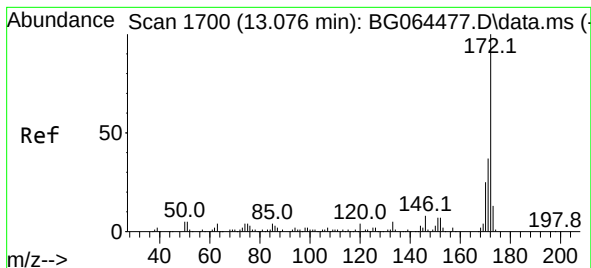
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 59.793 ng
RT: 12.959 min Scan# 1680
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

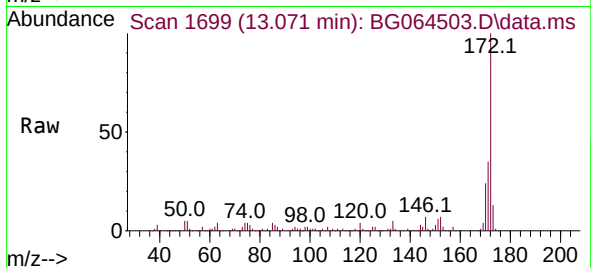
Tgt Ion:196 Resp: 68658
Ion Ratio Lower Upper
196 100
198 106.3 80.3 120.5
97 54.3 39.4 59.0
132 25.4 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 101.873 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

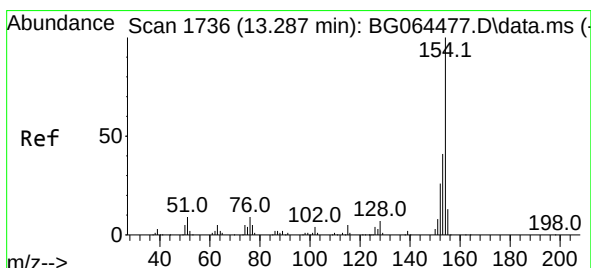
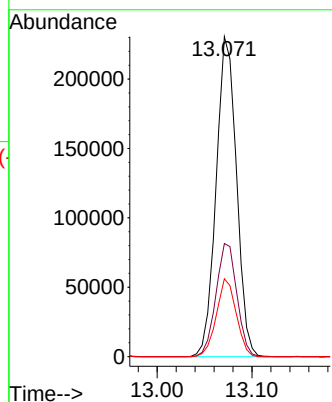
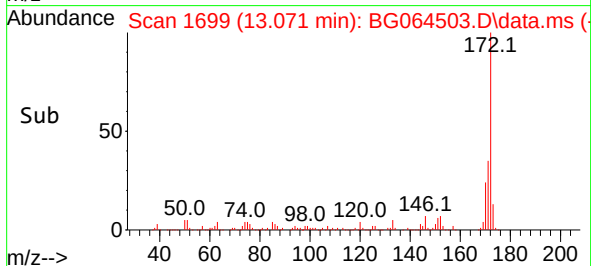
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



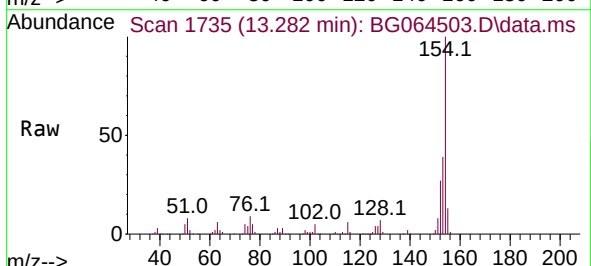
Tgt Ion:172 Resp: 344392
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.3 20.2 30.2

Manual Integrations
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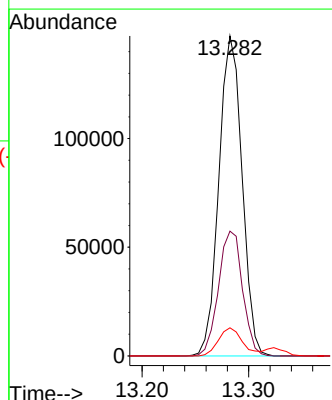
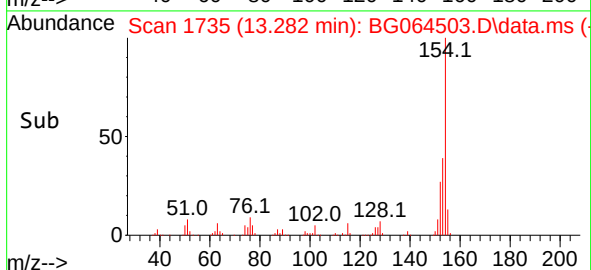
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

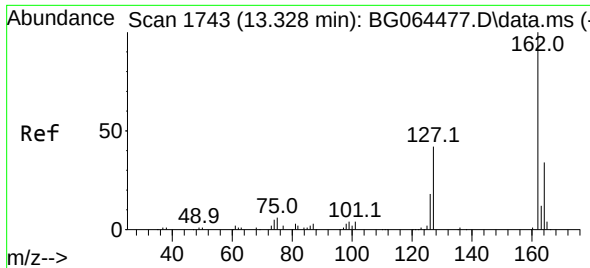


#46
1,1'-Biphenyl
Concen: 62.206 ng
RT: 13.282 min Scan# 1735
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



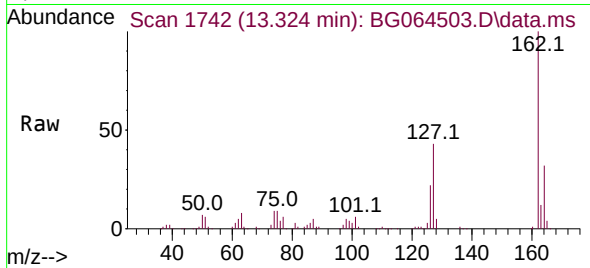
Tgt Ion:154 Resp: 222941
Ion Ratio Lower Upper
154 100
153 39.0 20.7 60.7
76 8.8 0.0 29.3





#47
2-Chloronaphthalene
Concen: 57.568 ng
RT: 13.324 min Scan# 1743
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

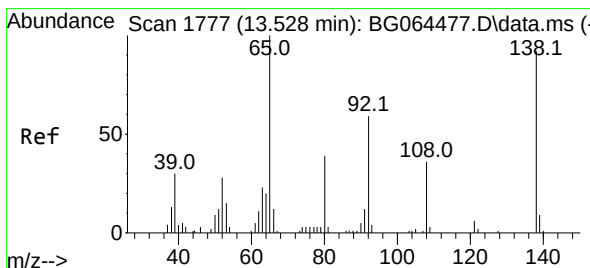
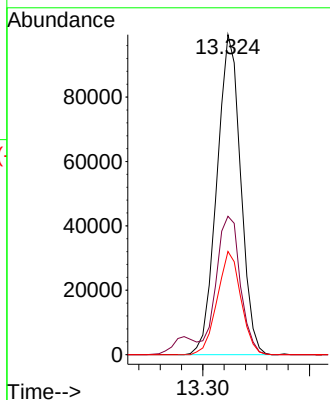
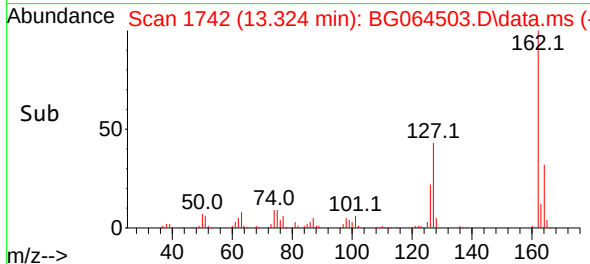
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:162 Resp: 154043
Ion Ratio Lower Upper
162 100
127 43.2 35.8 53.8
164 32.2 27.2 40.8

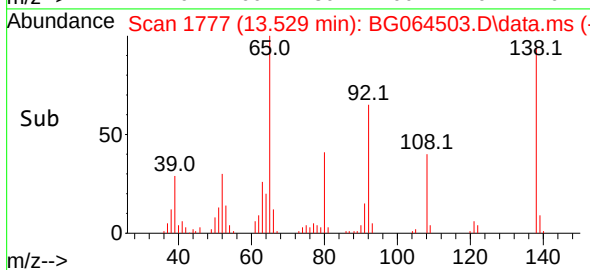
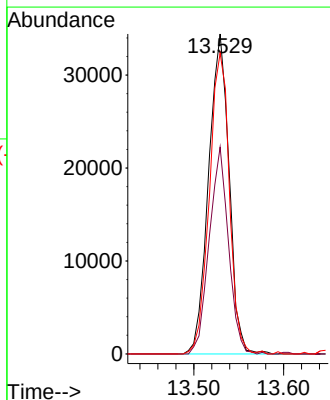
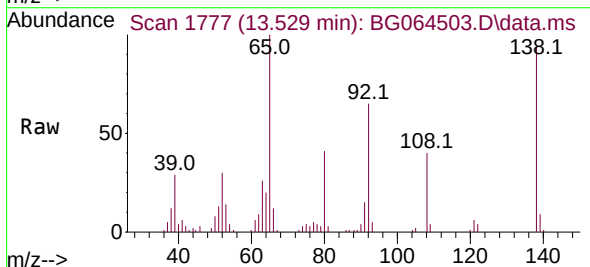
Manual Integrations
APPROVED

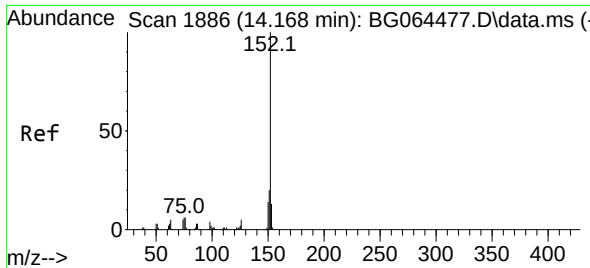
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#48
2-Nitroaniline
Concen: 59.762 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

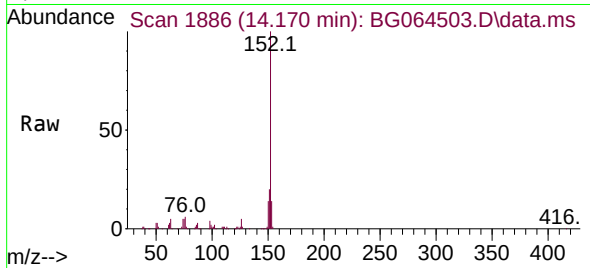
Tgt Ion: 65 Resp: 54579
Ion Ratio Lower Upper
65 100
92 64.6 47.0 70.6
138 94.0 73.5 110.3





#49
Acenaphthylene
Concen: 64.841 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

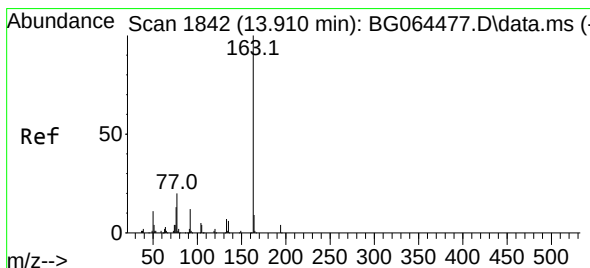
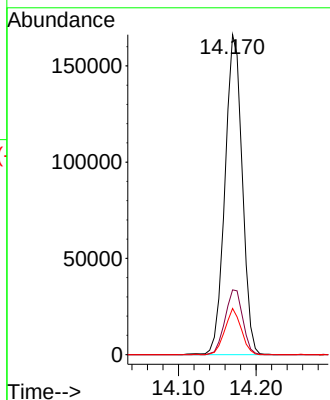
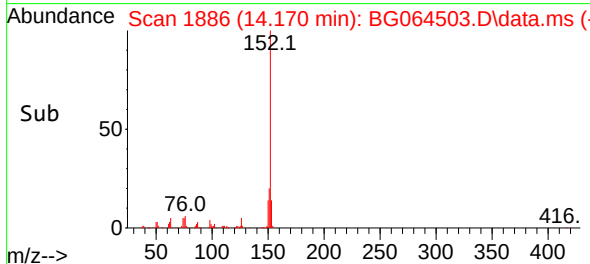
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



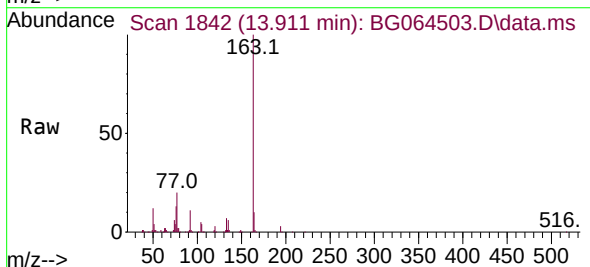
Tgt Ion:152 Resp: 257562
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 14.4 10.6 15.8

Manual Integrations
APPROVED

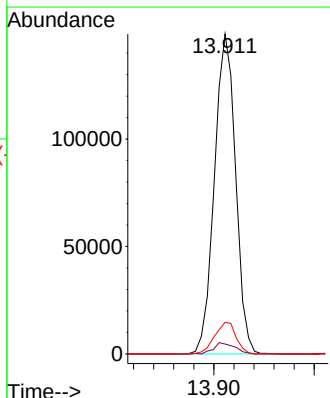
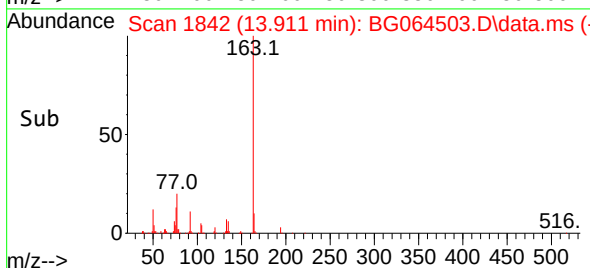
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

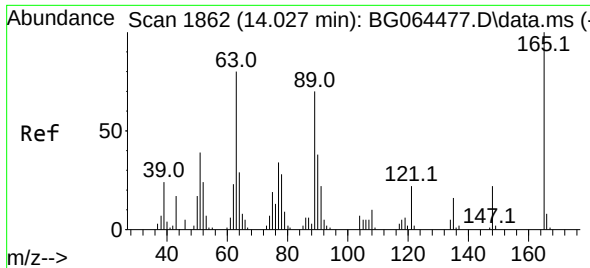


#50
Dimethylphthalate
Concen: 55.963 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



Tgt Ion:163 Resp: 218408
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 9.9 7.4 11.0





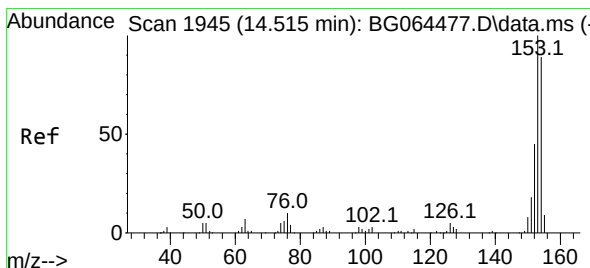
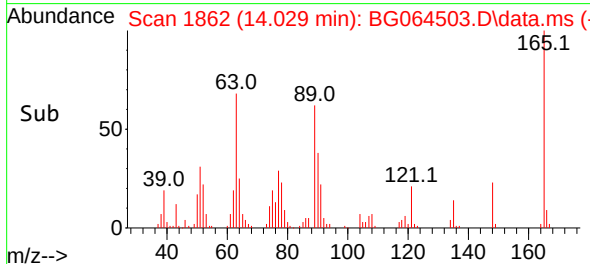
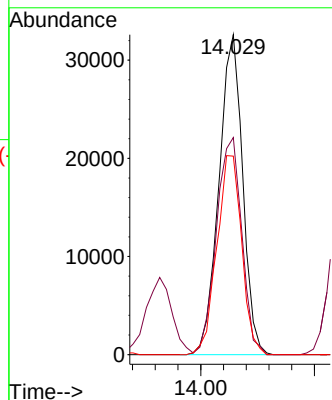
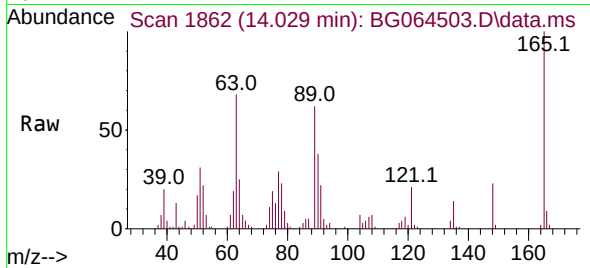
#51
2,6-Dinitrotoluene
Concen: 57.991 ng
RT: 14.029 min Scan# 1862
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Tgt Ion:165 Resp: 47146
Ion Ratio Lower Upper
165 100
63 67.8 63.9 95.9
89 62.0 56.1 84.1

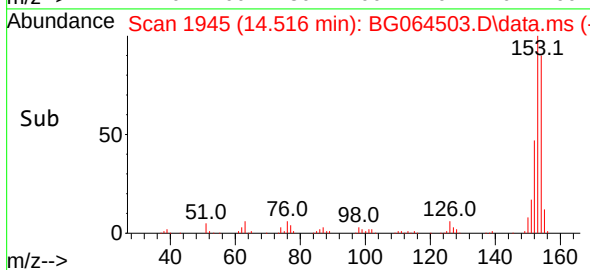
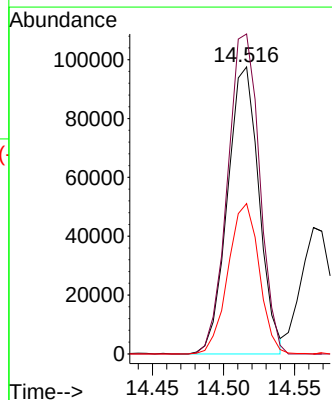
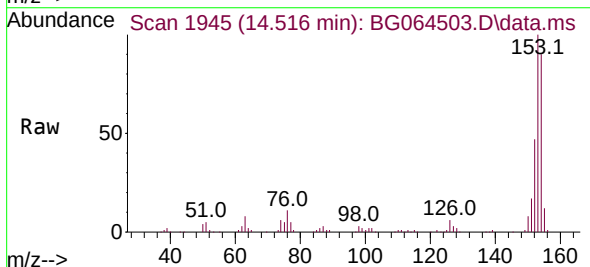
Manual Integrations
APPROVED

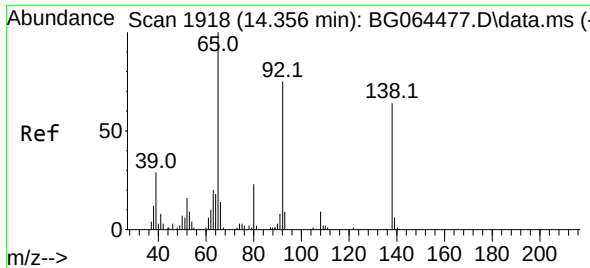
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#52
Acenaphthene
Concen: 54.485 ng
RT: 14.516 min Scan# 1945
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

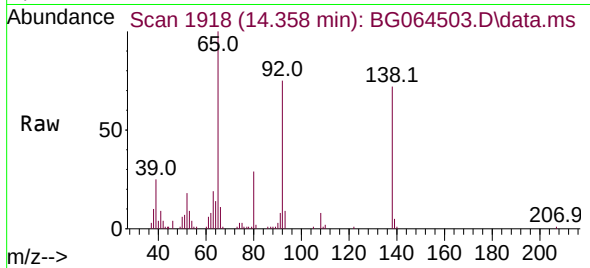
Tgt Ion:154 Resp: 150360
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.4
152 52.4 40.2 60.4





#53
3-Nitroaniline
Concen: 40.277 ng
RT: 14.358 min Scan# 1918
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

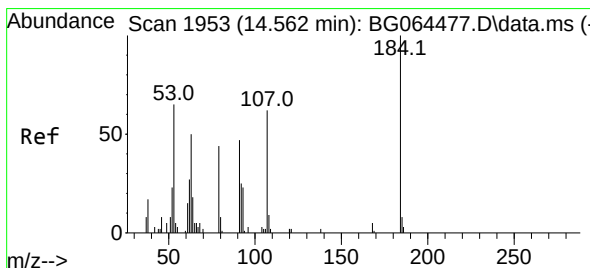
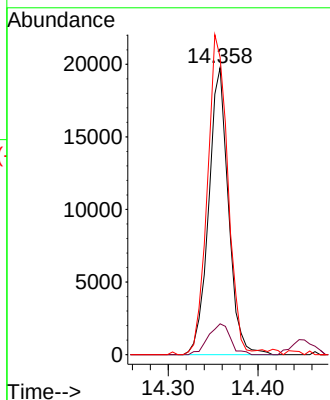
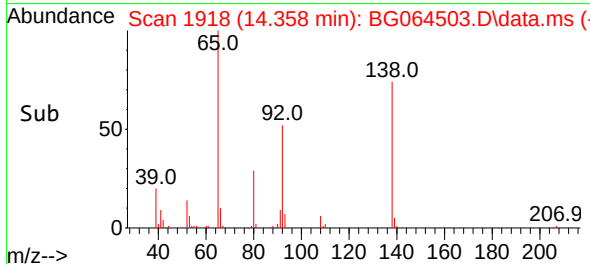
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:138 Resp: 30198
Ion Ratio Lower Upper
138 100
108 10.7 10.6 15.8
92 103.6 93.2 139.8

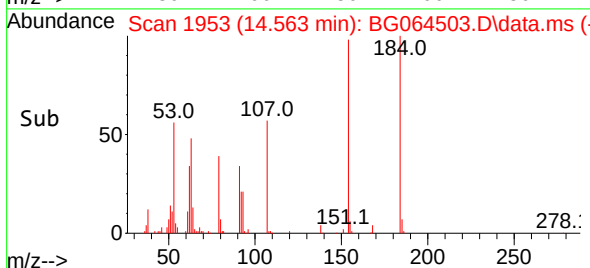
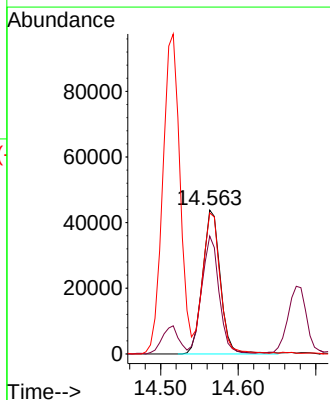
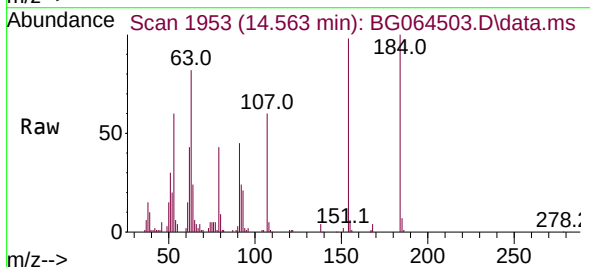
Manual Integrations
APPROVED

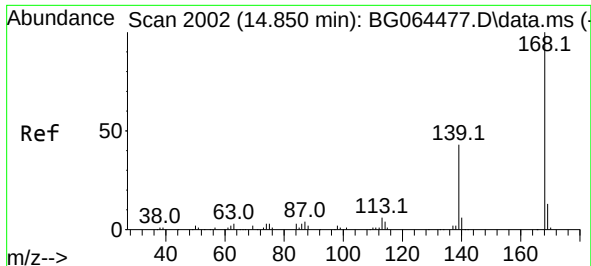
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#54
2,4-Dinitrophenol
Concen: 118.598 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

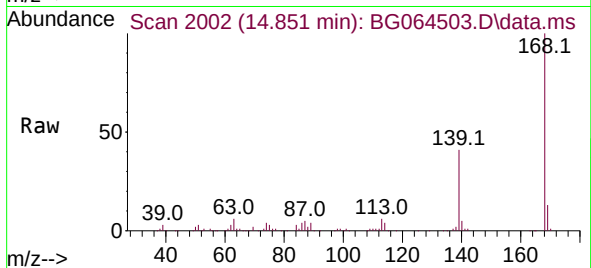
Tgt Ion:184 Resp: 69914
Ion Ratio Lower Upper
184 100
63 81.9 69.0 103.4
154 98.0 95.6 143.4





#55
Dibenzofuran
Concen: 55.977 ng
RT: 14.851 min Scan# 2002
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

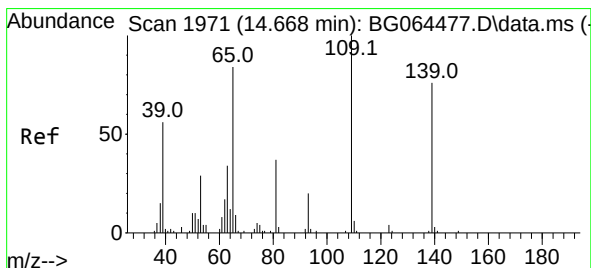
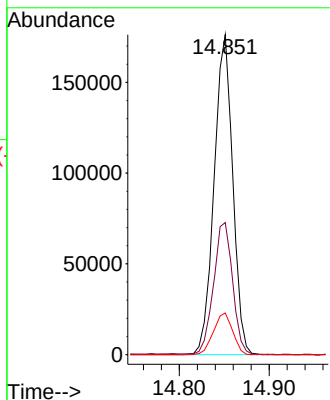
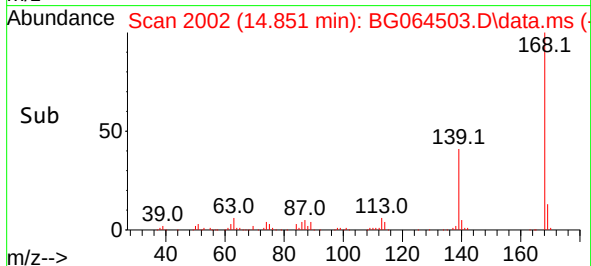
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:168 Resp: 255068
Ion Ratio Lower Upper
168 100
139 41.3 34.0 51.0
169 13.0 10.2 15.2

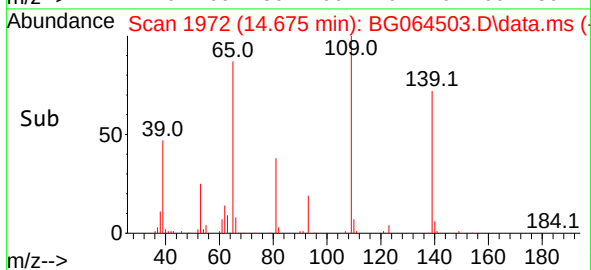
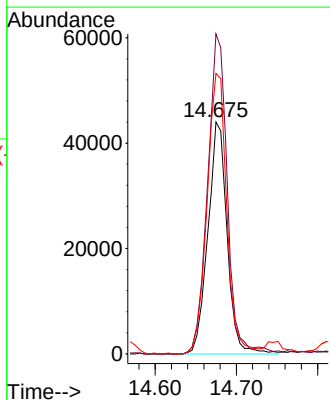
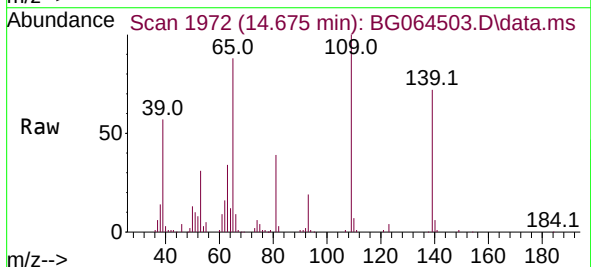
Manual Integrations
APPROVED

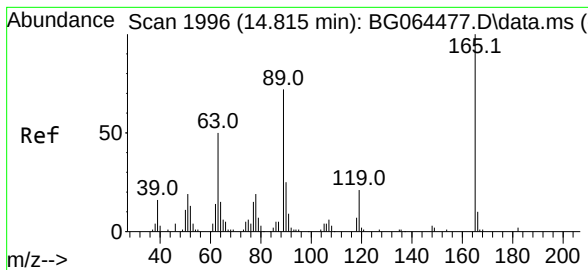
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#56
4-Nitrophenol
Concen: 122.149 ng
RT: 14.675 min Scan# 1972
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

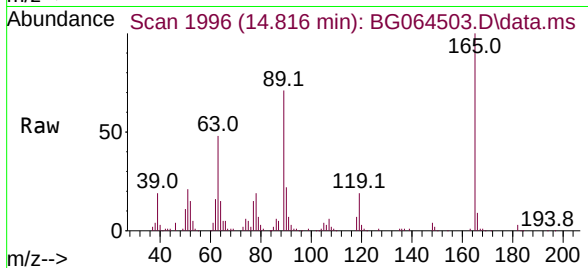
Tgt Ion:139 Resp: 72105
Ion Ratio Lower Upper
139 100
109 138.1 111.8 151.8
65 121.0 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 59.609 ng
RT: 14.816 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

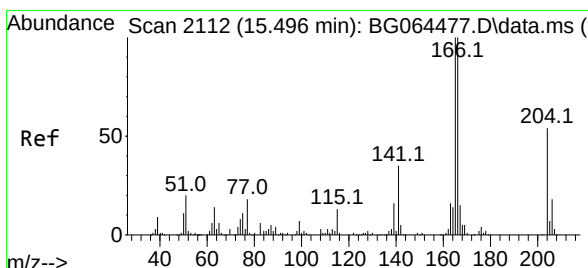
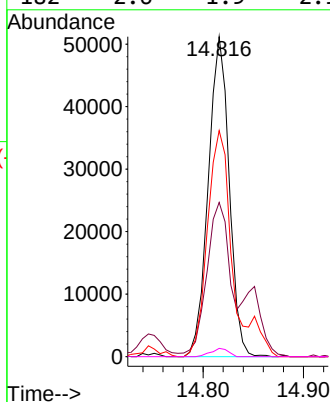
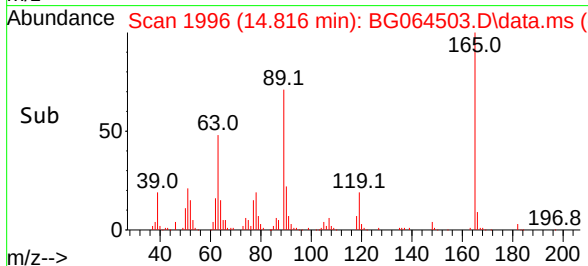
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



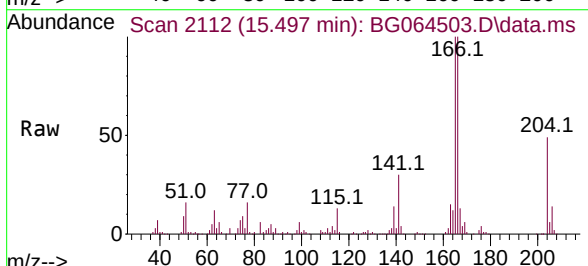
Tgt Ion:165 Resp: 74082
Ion Ratio Lower Upper
165 100
63 48.2 40.4 60.6
89 70.6 57.3 85.9
182 2.6 1.9 2.9

Manual Integrations
APPROVED

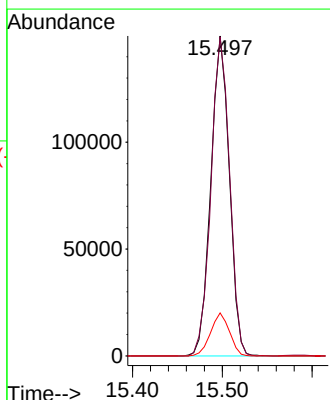
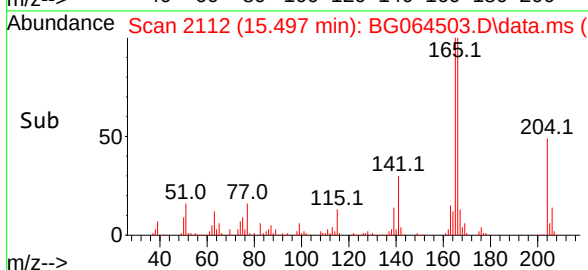
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

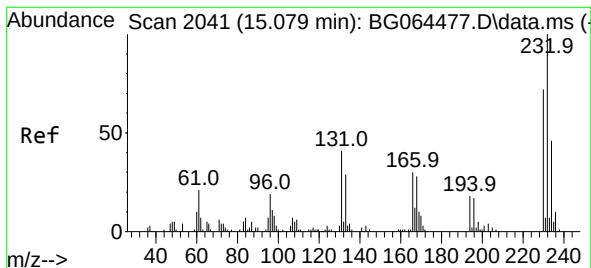


#58
Fluorene
Concen: 56.627 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



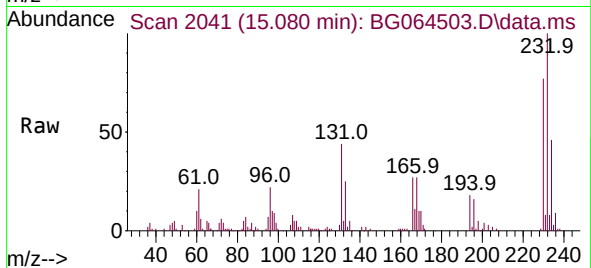
Tgt Ion:166 Resp: 214511
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.6
167 13.4 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.023 ng
RT: 15.080 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

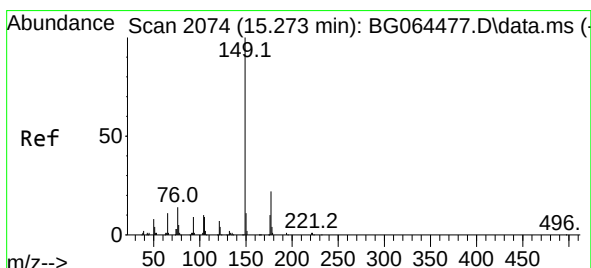
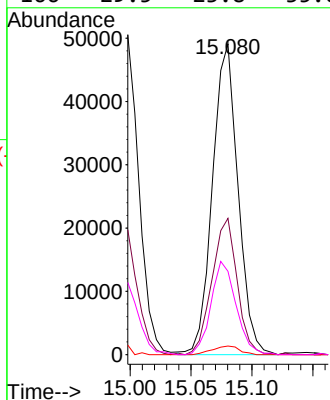
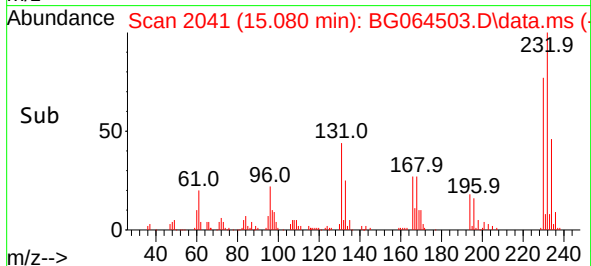
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



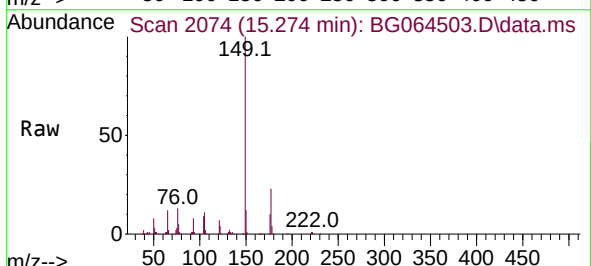
Tgt Ion:232 Resp: 71510
Ion Ratio Lower Upper
232 100
131 43.3 35.0 52.4
130 2.9 2.0 3.0
166 29.5 23.8 35.6

Manual Integrations
APPROVED

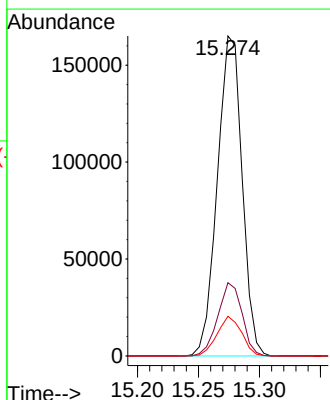
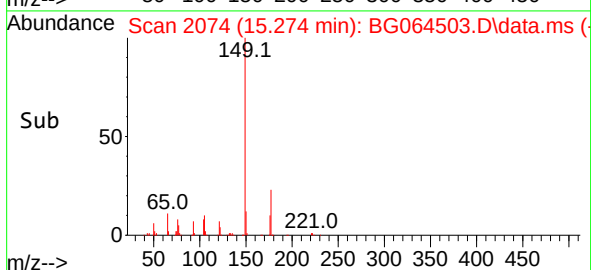
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

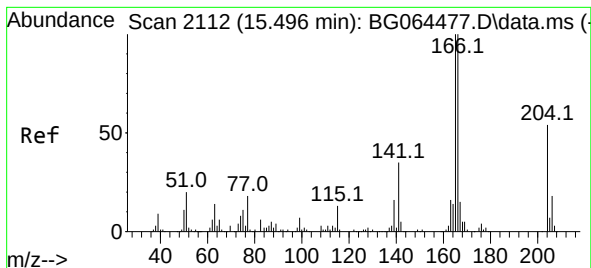


#60
Diethylphthalate
Concen: 55.662 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



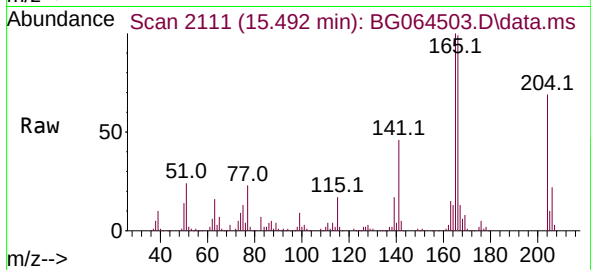
Tgt Ion:149 Resp: 233036
Ion Ratio Lower Upper
149 100
177 22.9 17.4 26.0
150 12.4 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 54.975 ng
RT: 15.492 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

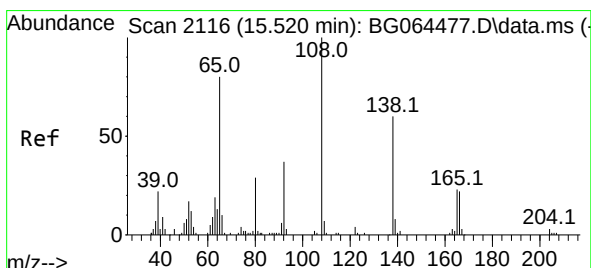
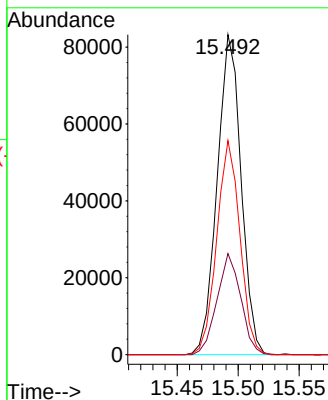
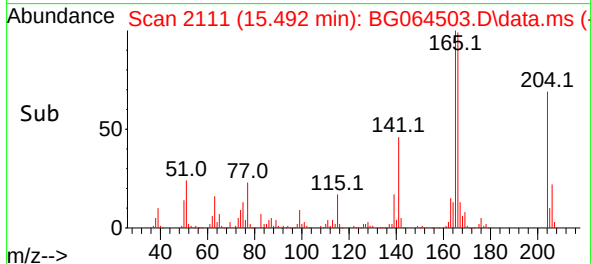
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



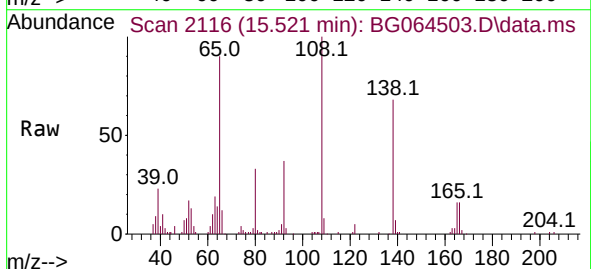
Tgt Ion:204 Resp: 113694
Ion Ratio Lower Upper
204 100
206 31.6 27.1 40.7
141 66.9 51.5 77.3

Manual Integrations
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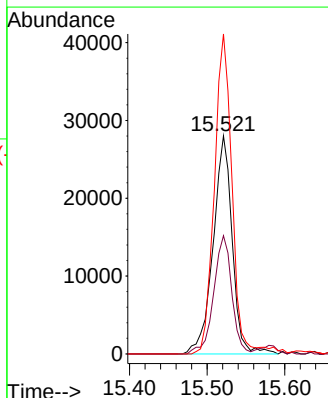
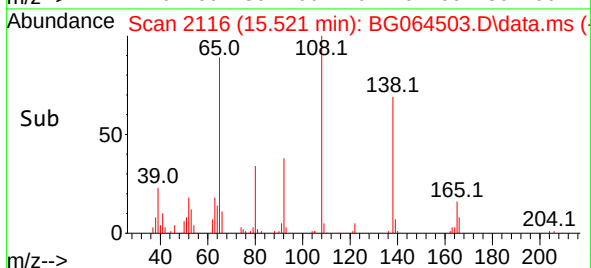
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

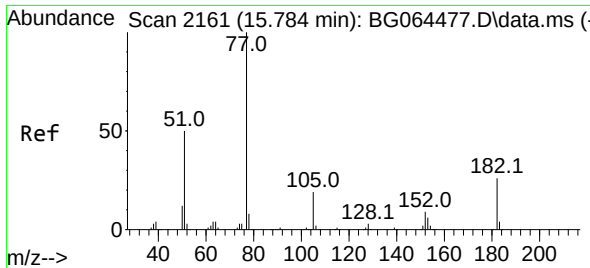


#62
4-Nitroaniline
Concen: 61.402 ng
RT: 15.521 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



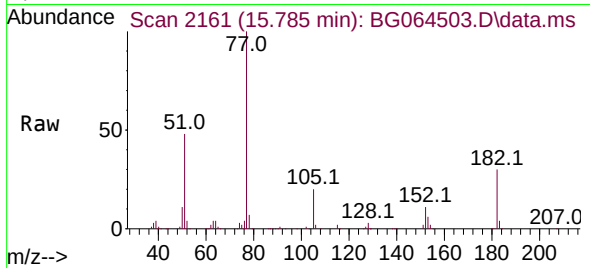
Tgt Ion:138 Resp: 47983
Ion Ratio Lower Upper
138 100
92 54.2 42.3 82.3
108 146.8 147.7 187.7#





#63
Azobenzene
Concen: 56.658 ng
RT: 15.785 min Scan# 2161
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

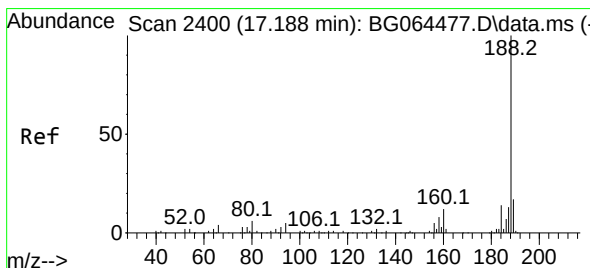
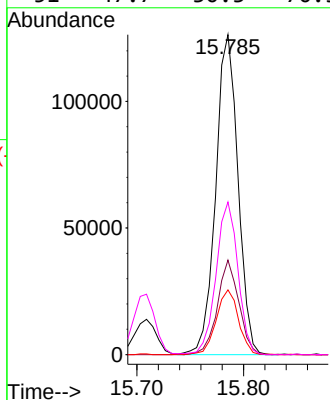
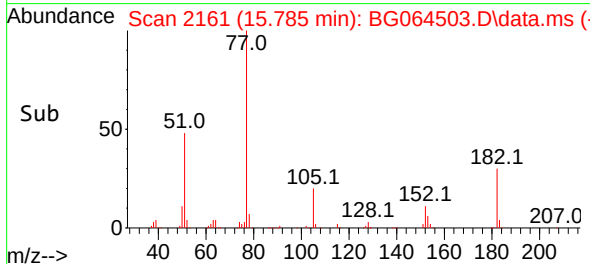
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



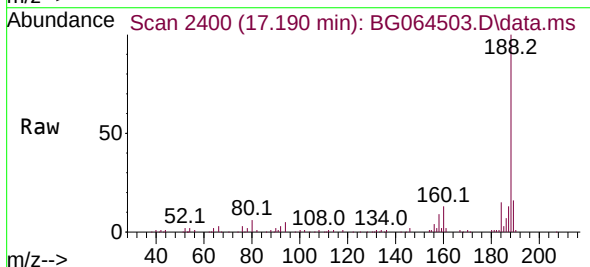
Tgt Ion: 77 Resp: 183708
Ion Ratio Lower Upper
77 100
182 29.5 6.3 46.3
105 20.2 0.0 38.7
51 47.7 30.3 70.3

Manual Integrations
APPROVED

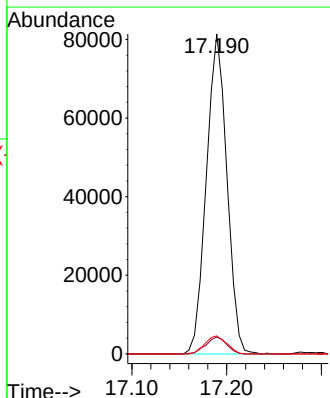
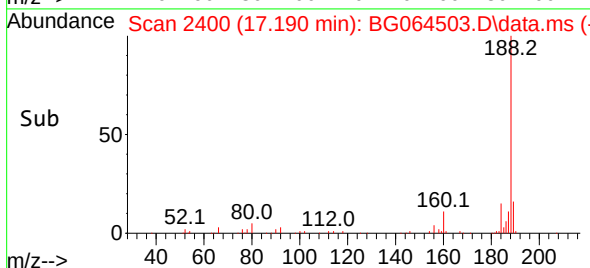
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

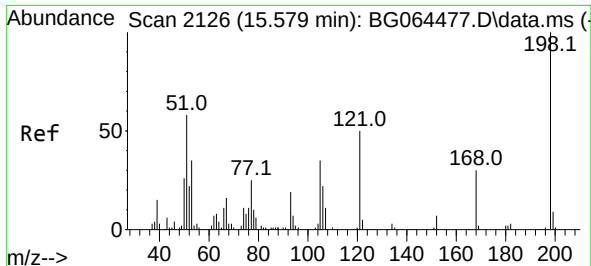


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



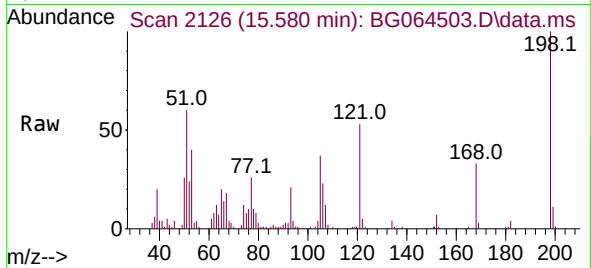
Tgt Ion:188 Resp: 122524
Ion Ratio Lower Upper
188 100
94 5.3 3.7 5.5
80 5.6 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 59.396 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

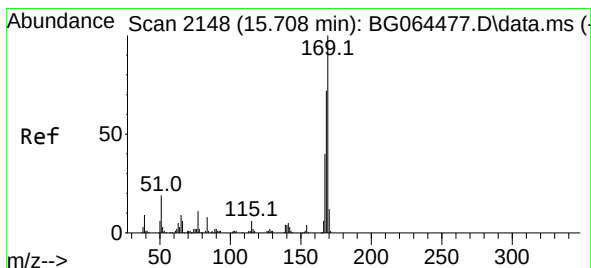
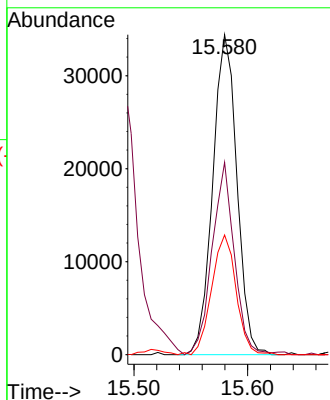
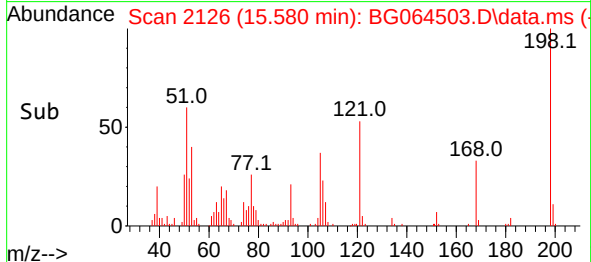
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:198 Resp: 50671
Ion Ratio Lower Upper
198 100
51 60.1 39.0 79.0
105 37.4 15.8 55.8

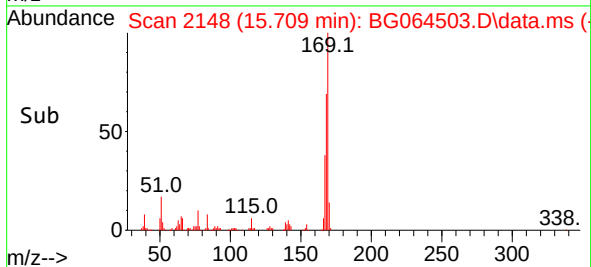
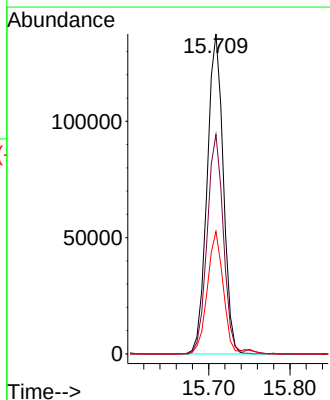
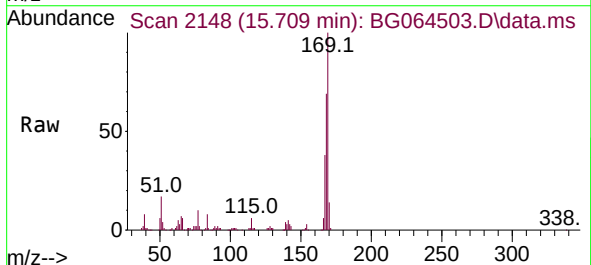
Manual Integrations
APPROVED

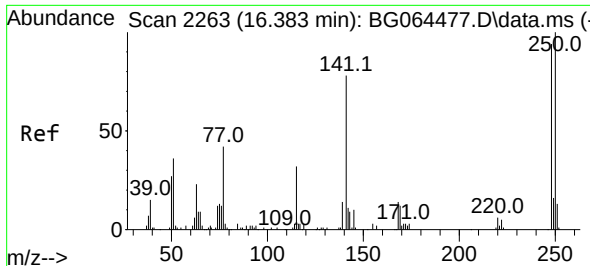
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#66
n-Nitrosodiphenylamine
Concen: 58.255 ng
RT: 15.709 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

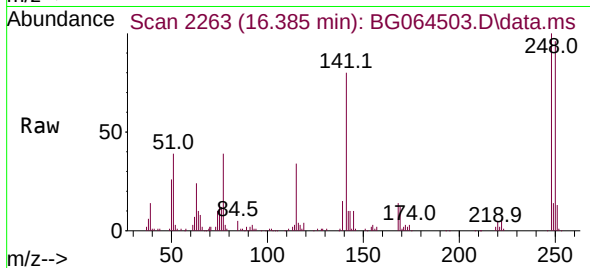
Tgt Ion:169 Resp: 190603
Ion Ratio Lower Upper
169 100
168 68.5 57.8 86.6
167 38.2 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 56.621 ng
RT: 16.385 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

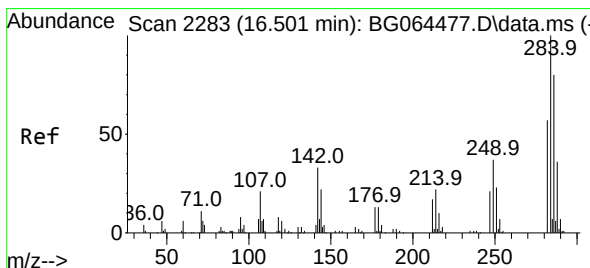
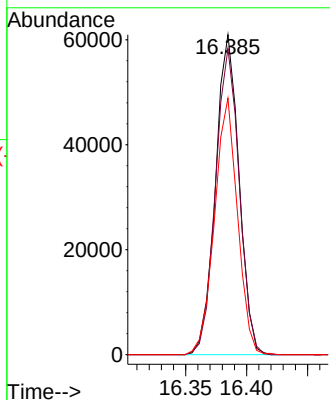
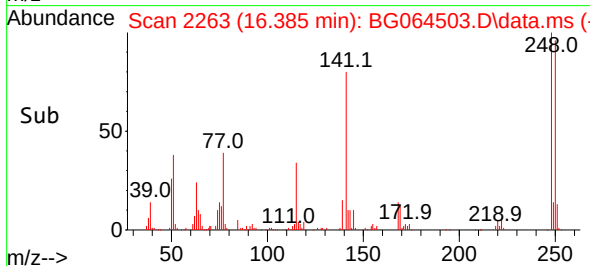
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



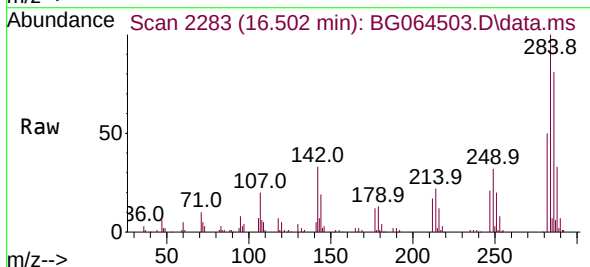
Tgt Ion:248 Resp: 81638
Ion Ratio Lower Upper
248 100
250 95.7 85.3 127.9
141 80.1 66.2 99.2

Manual Integrations
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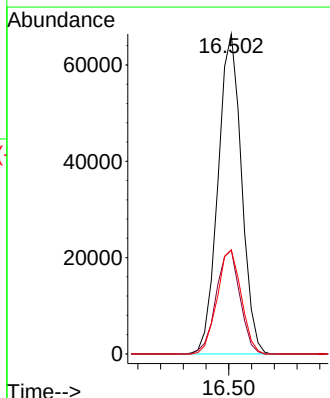
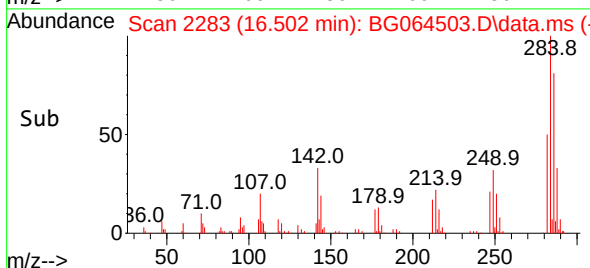
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

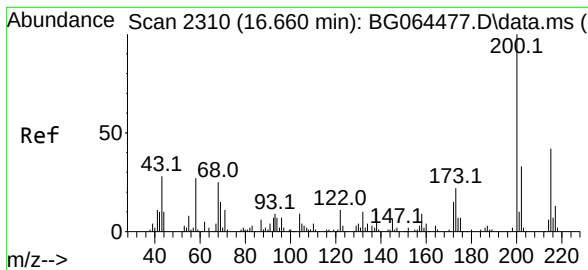


#68
Hexachlorobenzene
Concen: 57.793 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



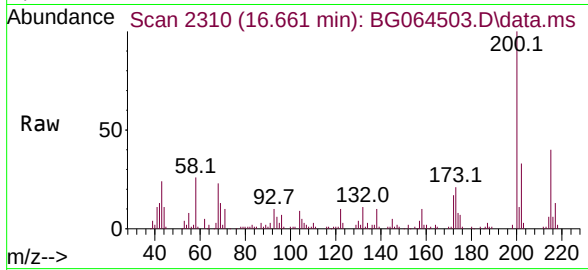
Tgt Ion:284 Resp: 95350
Ion Ratio Lower Upper
284 100
142 32.5 26.2 39.2
249 32.5 29.4 44.0





#69
 Atrazine
 Concen: 50.259 ng
 RT: 16.661 min Scan# 2310
 Delta R.T. 0.009 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

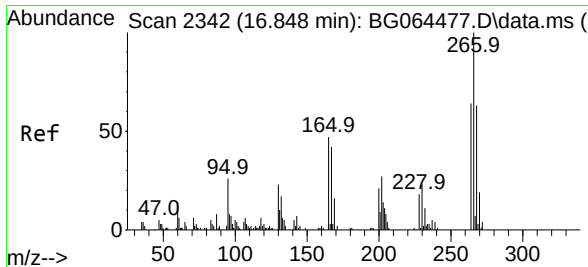
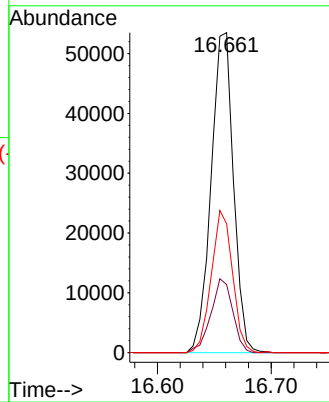
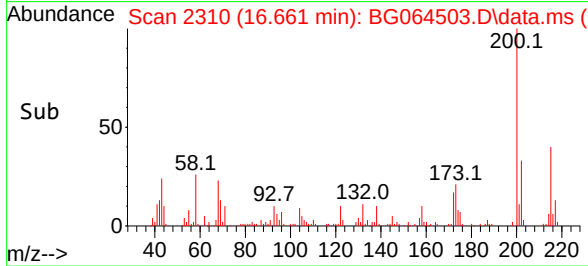
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MS



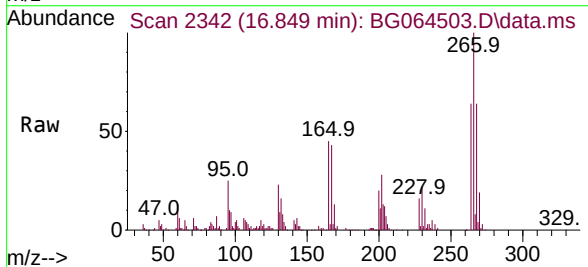
Tgt Ion:200 Resp: 7316
 Ion Ratio Lower Upper
 200 100
 173 21.3 2.5 42.5
 215 40.3 21.5 61.5

Manual Integrations
 APPROVED

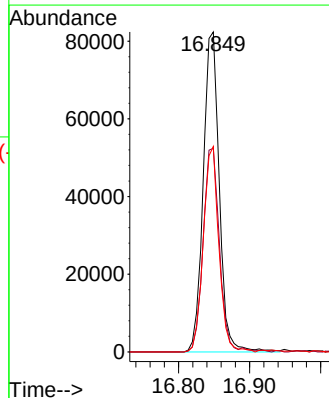
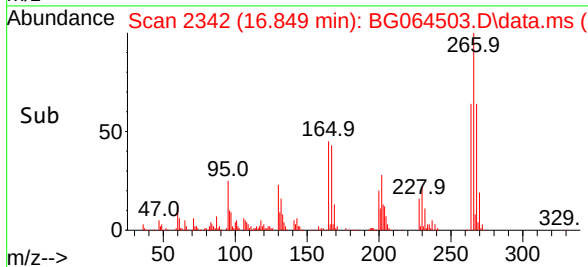
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

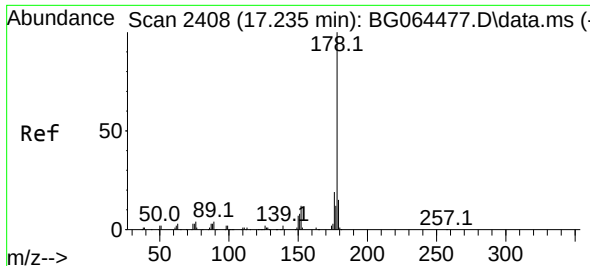


#70
 Pentachlorophenol
 Concen: 133.084 ng
 RT: 16.849 min Scan# 2342
 Delta R.T. 0.004 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52



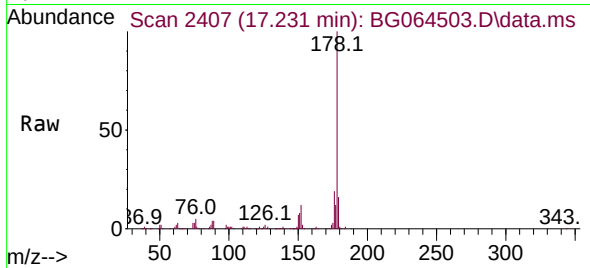
Tgt Ion:266 Resp: 128380
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.6 75.8
 264 64.2 51.2 76.8





#71
Phenanthrene
Concen: 56.272 ng
RT: 17.231 min Scan# 2407
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

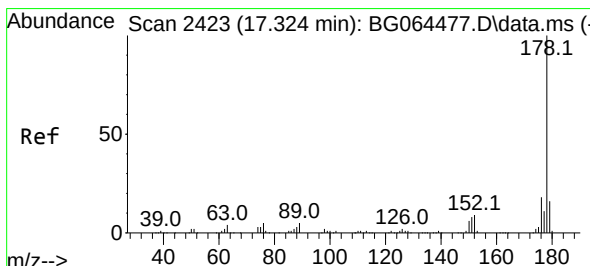
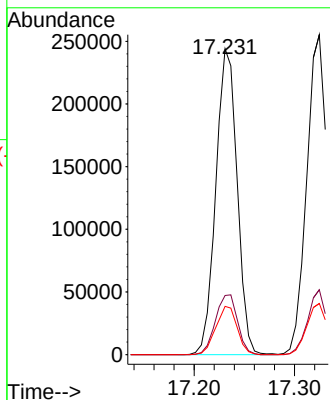
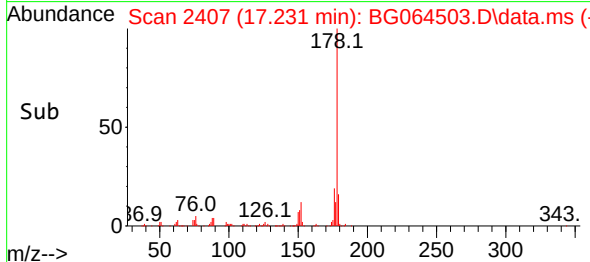
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:178 Resp: 360559
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.8 11.8 17.6

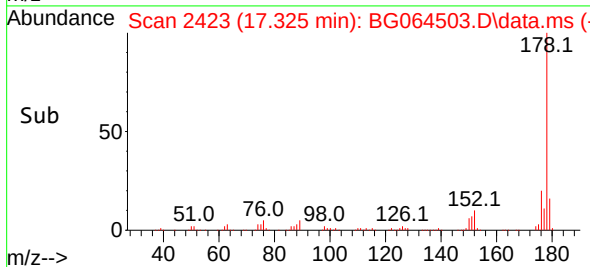
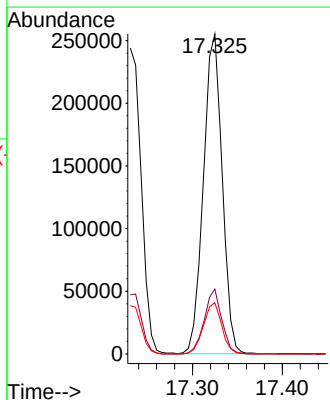
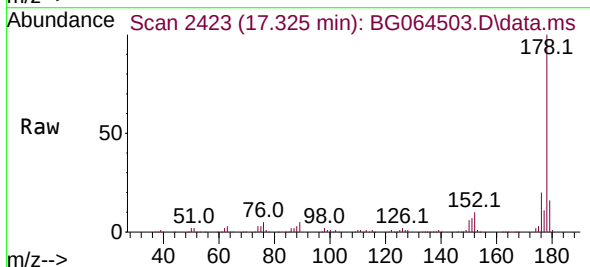
Manual Integrations
APPROVED

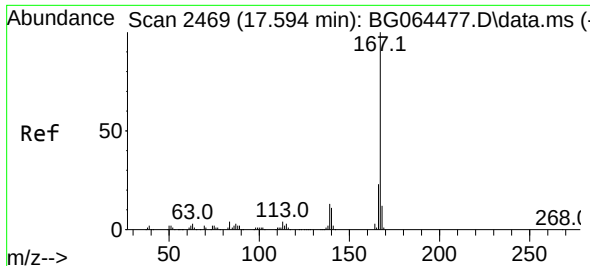
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#72
Anthracene
Concen: 57.540 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

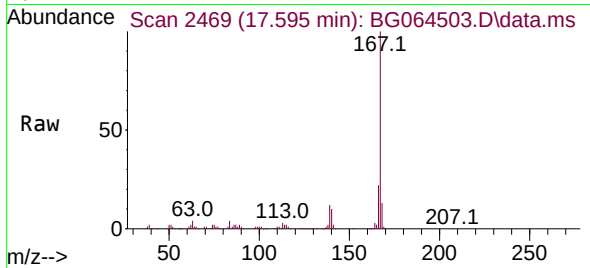
Tgt Ion:178 Resp: 369870
Ion Ratio Lower Upper
178 100
176 20.3 14.6 21.8
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 60.450 ng
 RT: 17.595 min Scan# 2469
 Delta R.T. 0.004 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

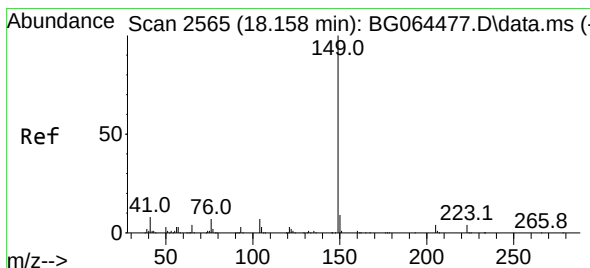
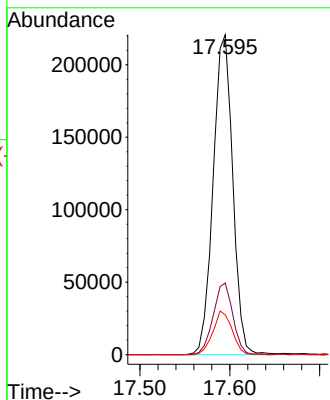
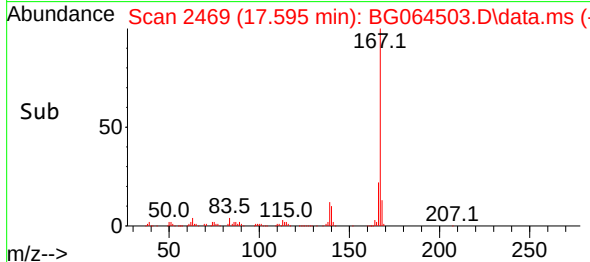
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MS



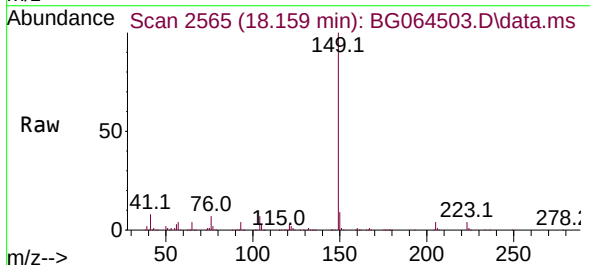
Tgt Ion:167 Resp: 335876
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.6 27.8
 139 12.4 10.2 15.4

Manual Integrations
 APPROVED

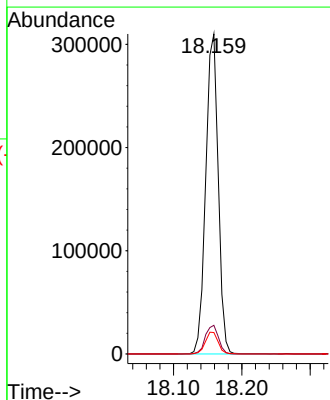
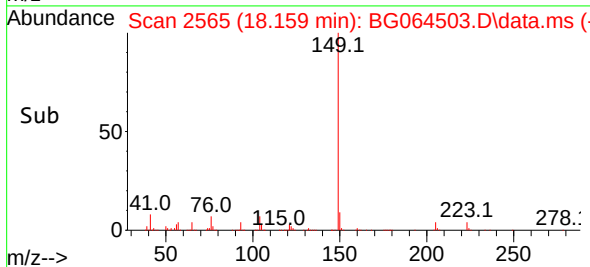
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

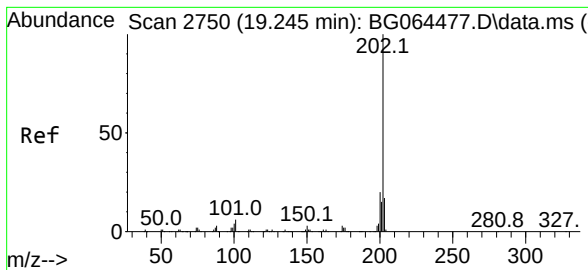


#74
 Di-n-butylphthalate
 Concen: 58.022 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. 0.004 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52



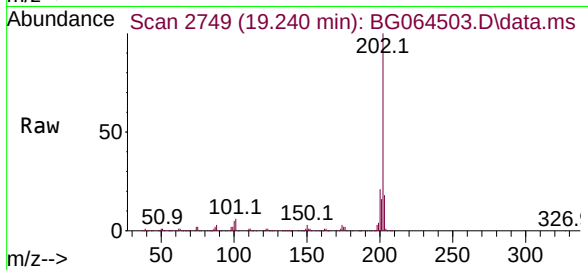
Tgt Ion:149 Resp: 393541
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 6.7 5.3 7.9





#75
Fluoranthene
Concen: 59.583 ng
RT: 19.240 min Scan# 2750
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

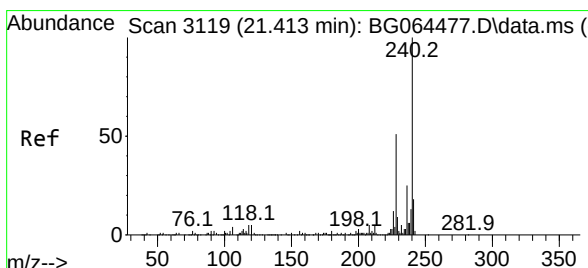
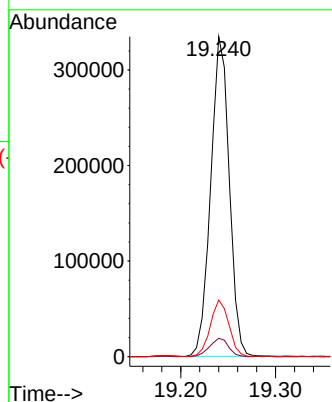
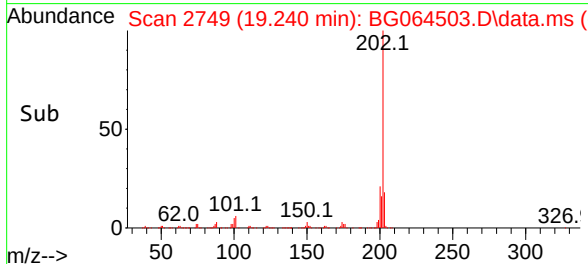
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:202 Resp: 456088
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 17.7 0.0 36.6

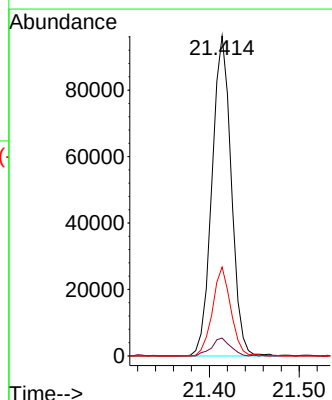
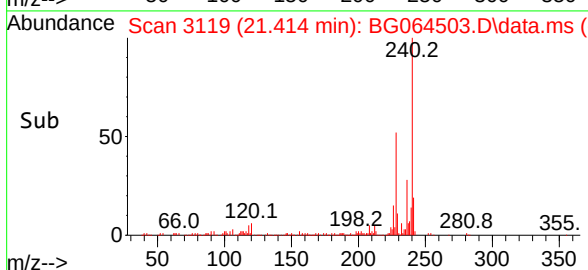
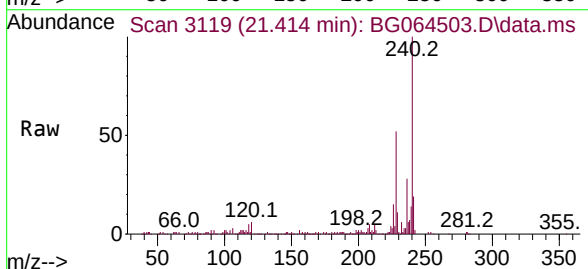
Manual Integrations
APPROVED

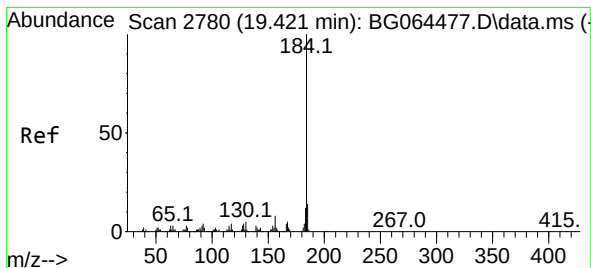
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Tgt Ion:240 Resp: 143332
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 27.8 20.4 30.6





#77

Benzidine

Concen: 13.885 ng

RT: 19.434 min Scan# 2780

Delta R.T. 0.009 min

Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

Instrument :

BNA_G

ClientSampleId :

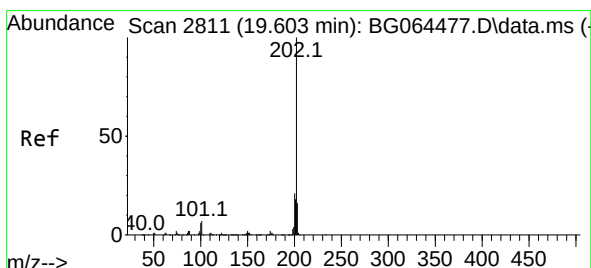
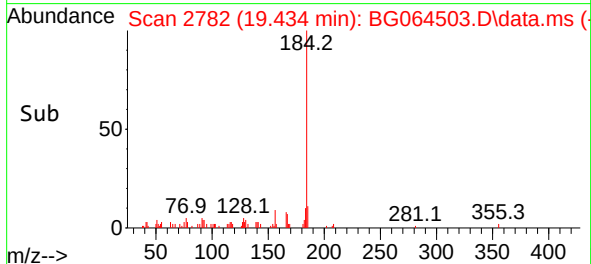
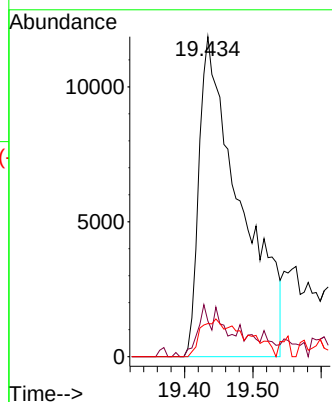
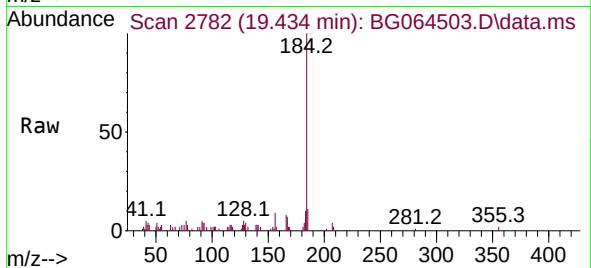
P001-DS-01MS

Tgt Ion:	184	Resp:	49523
Ion Ratio	Lower	Upper	
184	100		
185	11.1	10.9	16.3
183	10.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#78

Pyrene

Concen: 51.982 ng

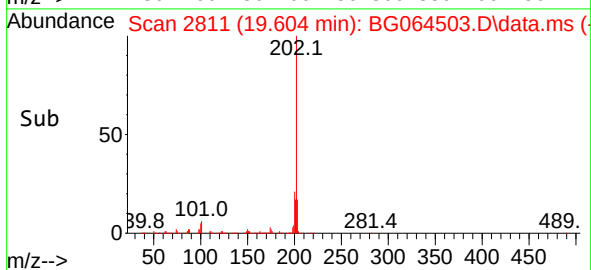
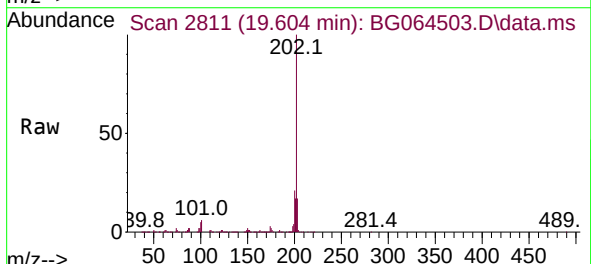
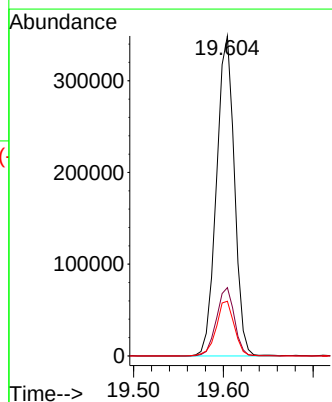
RT: 19.604 min Scan# 2811

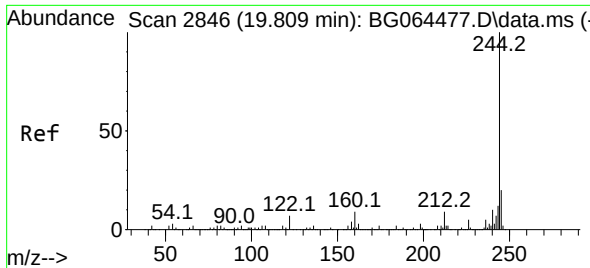
Delta R.T. 0.004 min

Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

Tgt Ion:	202	Resp:	483530
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.1	13.0	19.4





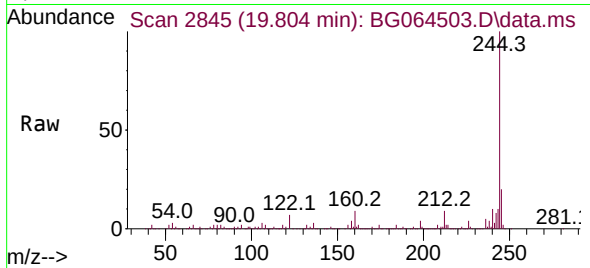
#79
 Terphenyl-d14
 Concen: 97.239 ng
 RT: 19.804 min Scan# 2846
 Delta R.T. -0.002 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MS

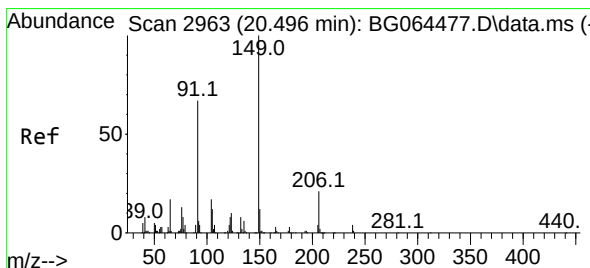
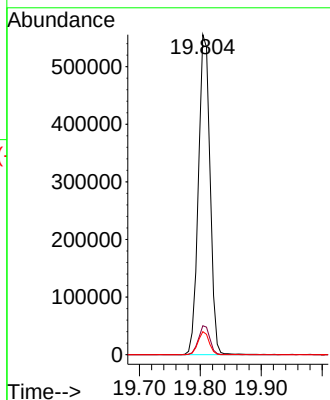
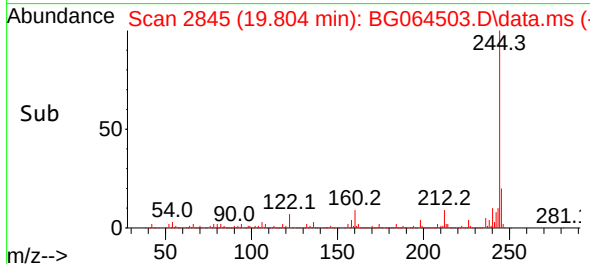


Tgt Ion:244 Resp: 736455
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 7.2 5.6 8.4

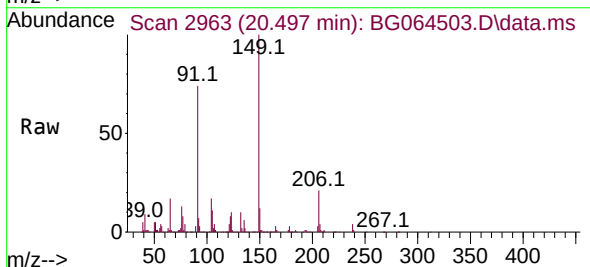
Manual Integrations

APPROVED

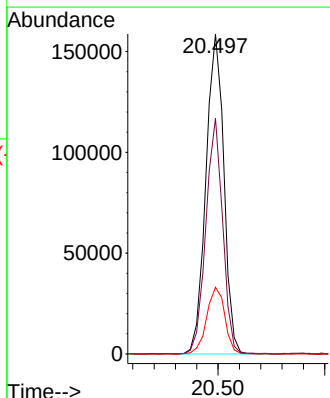
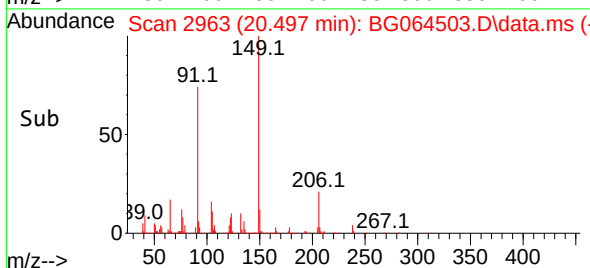
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

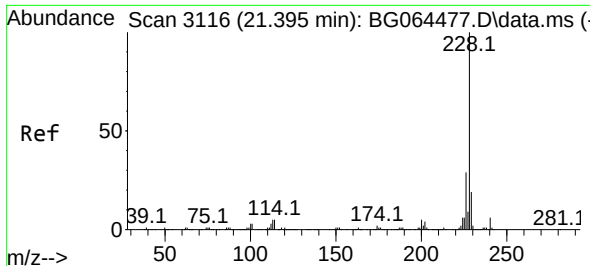


#80
 Butylbenzylphthalate
 Concen: 56.136 ng
 RT: 20.497 min Scan# 2963
 Delta R.T. -0.002 min
 Lab File: BG064503.D
 Acq: 14 Oct 2025 16:52



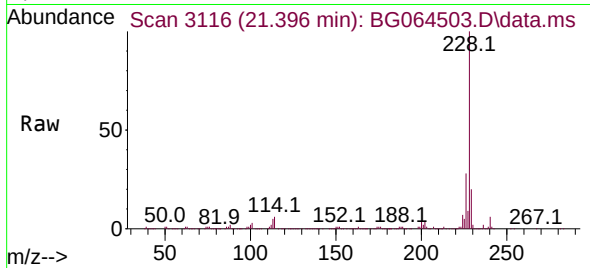
Tgt Ion:149 Resp: 185102
 Ion Ratio Lower Upper
 149 100
 91 73.7 53.7 80.5
 206 20.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 55.743 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

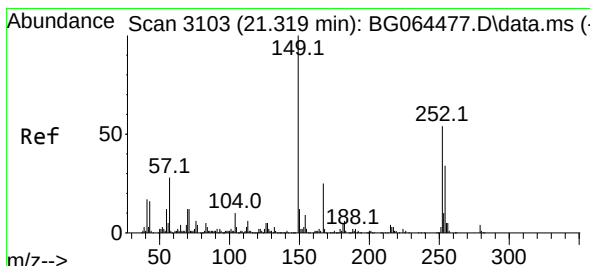
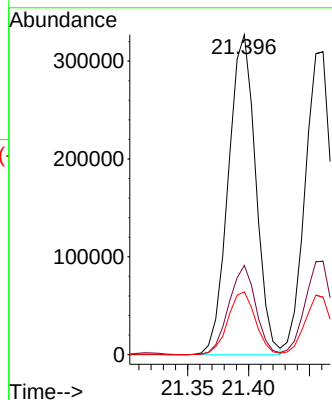
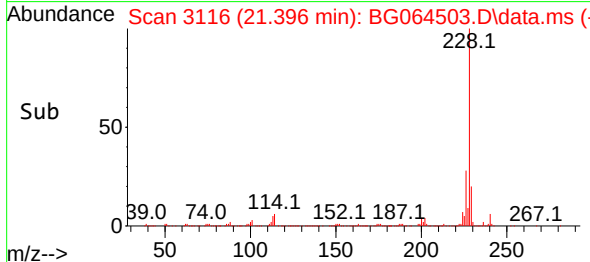
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



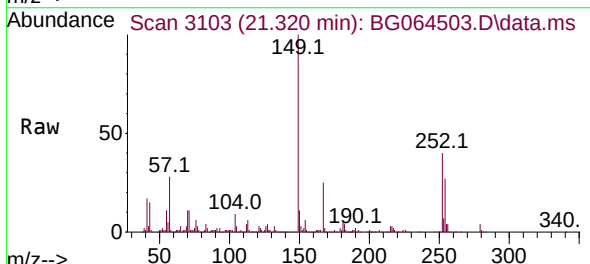
Tgt Ion:228 Resp: 510150
Ion Ratio Lower Upper
228 100
226 27.9 22.8 34.2
229 19.6 15.2 22.8

Manual Integrations
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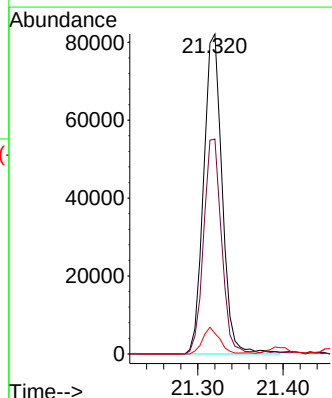
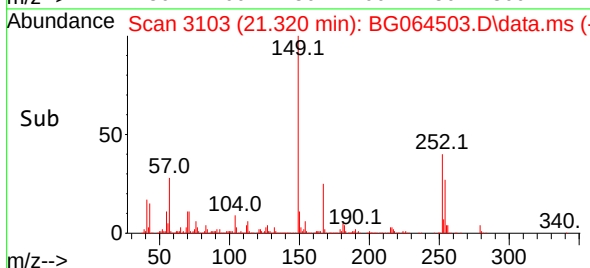
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

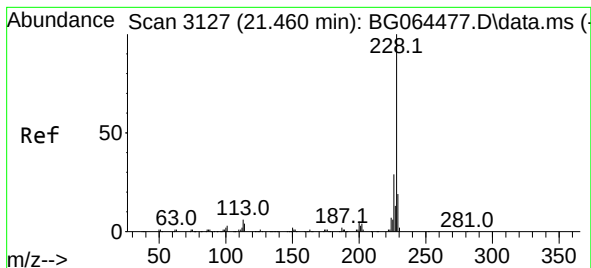


#82
3,3'-Dichlorobenzidine
Concen: 39.940 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



Tgt Ion:252 Resp: 123714
Ion Ratio Lower Upper
252 100
254 67.1 50.5 75.7
126 6.4 7.1 10.7





#83

Chrysene

Concen: 54.348 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MS

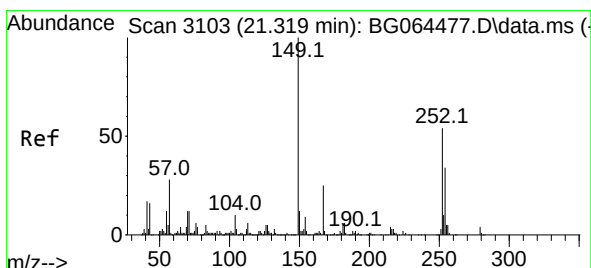
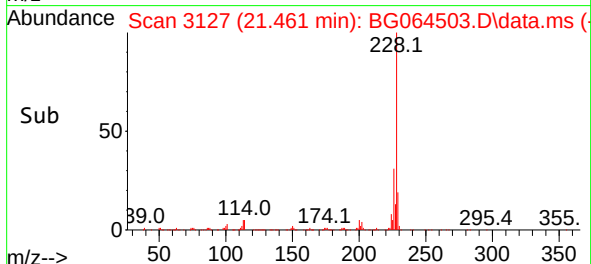
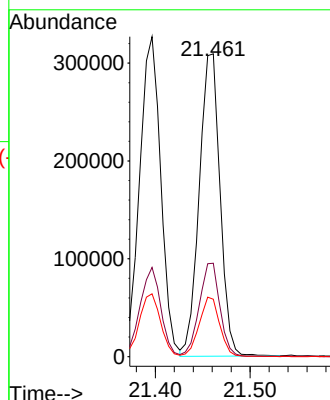
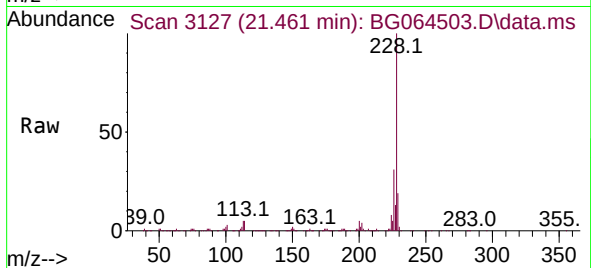
Tgt Ion:228 Resp: 471702

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	18.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.137 ng

RT: 21.320 min Scan# 3103

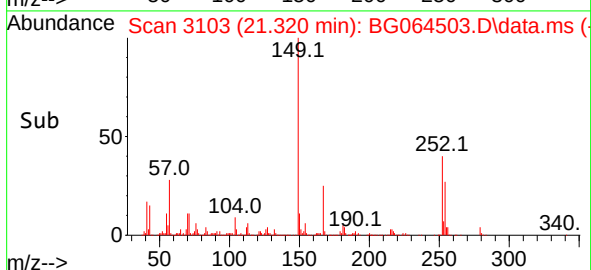
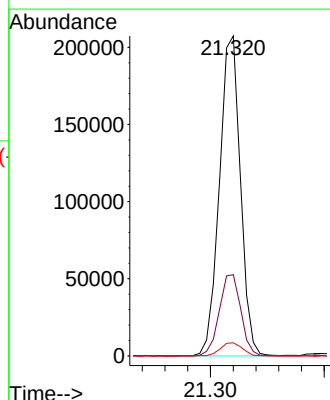
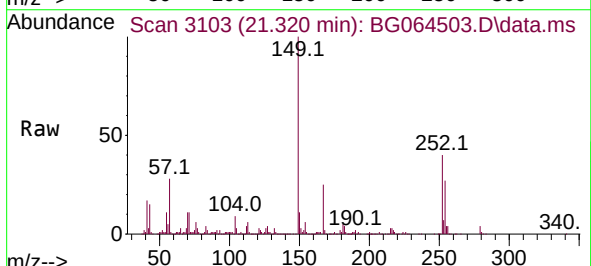
Delta R.T. 0.004 min

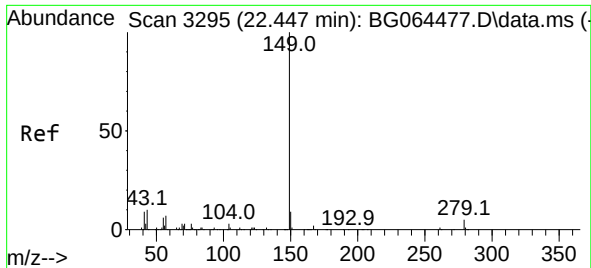
Lab File: BG064503.D

Acq: 14 Oct 2025 16:52

Tgt Ion:149 Resp: 265825

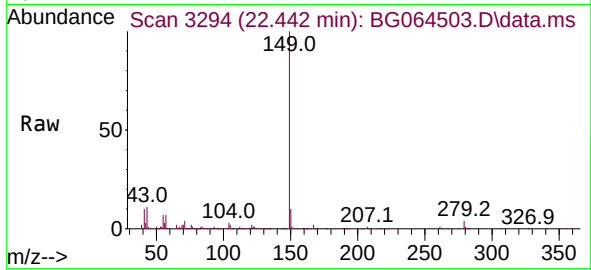
Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.7	29.5
279	4.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 57.787 ng
RT: 22.442 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

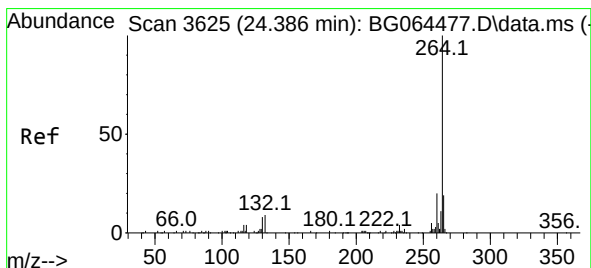
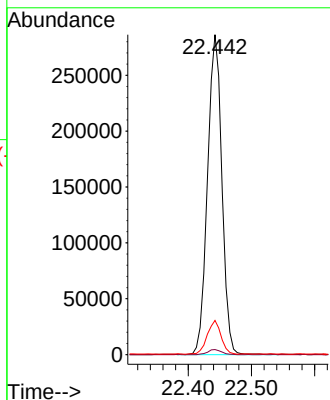
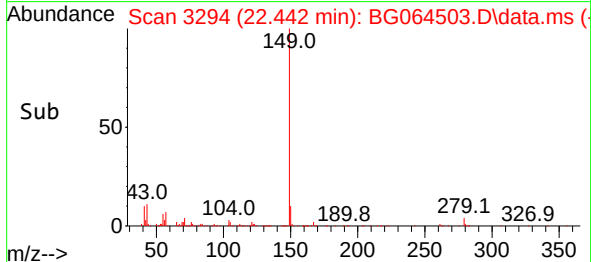
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:149 Resp: 45184
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.2 7.9 11.9

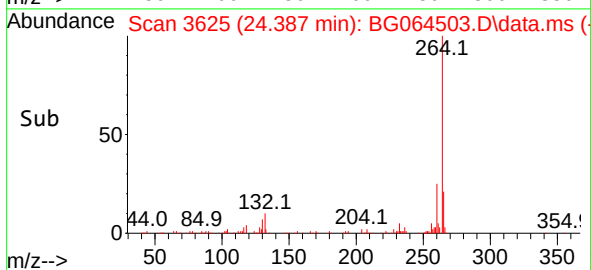
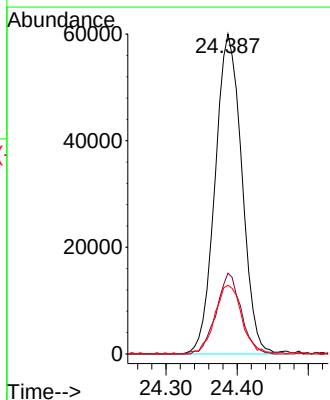
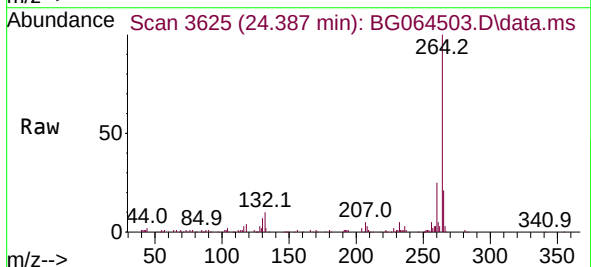
Manual Integrations
APPROVED

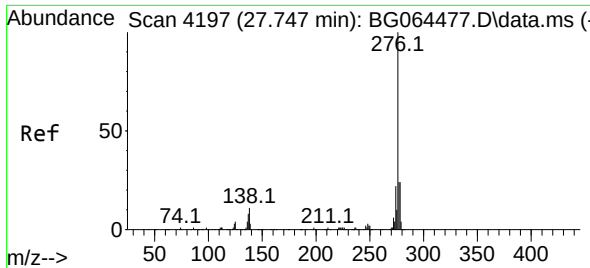
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.387 min Scan# 3625
Delta R.T. -0.002 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

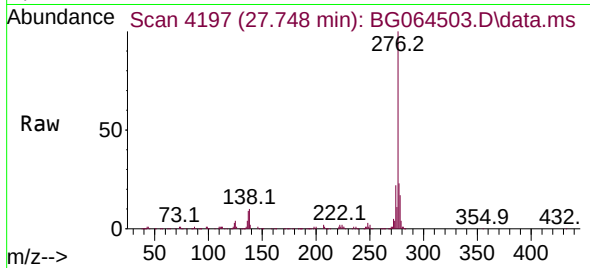
Tgt Ion:264 Resp: 156729
Ion Ratio Lower Upper
264 100
260 25.2 16.2 24.4#
265 21.4 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.321 ng
RT: 27.748 min Scan# 4197
Delta R.T. 0.015 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

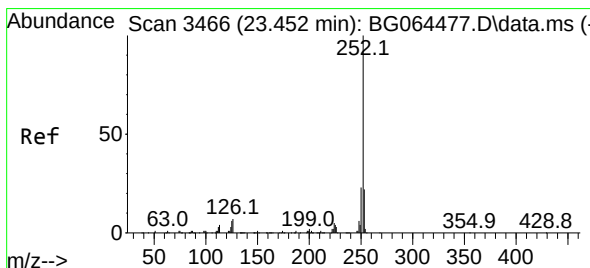
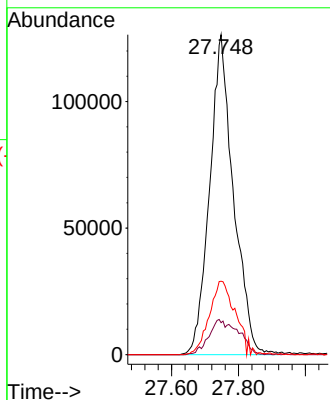
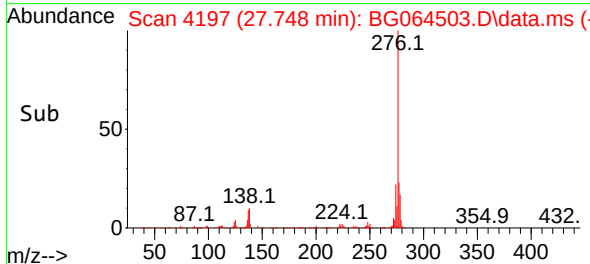
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



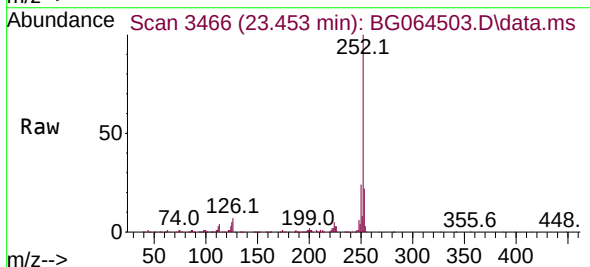
Tgt Ion:276 Resp: 625337
Ion Ratio Lower Upper
276 100
138 13.6 10.8 16.2
277 25.0 20.3 30.5

Manual Integrations
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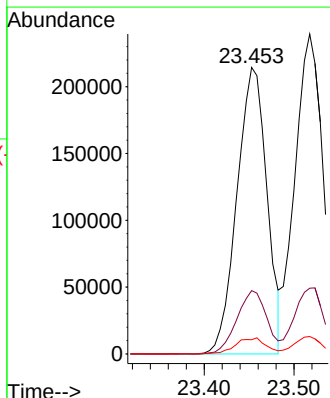
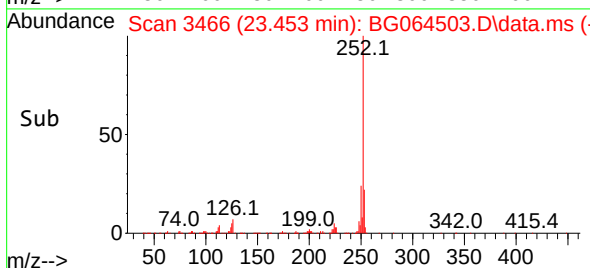
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

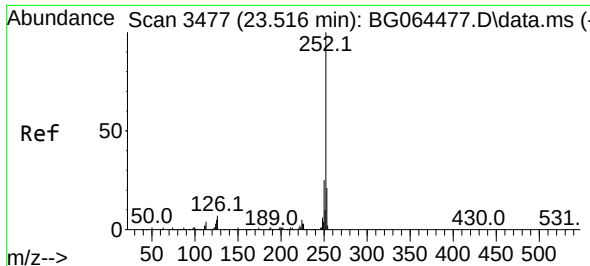


#88
Benzo(b)fluoranthene
Concen: 55.913 ng
RT: 23.453 min Scan# 3466
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52



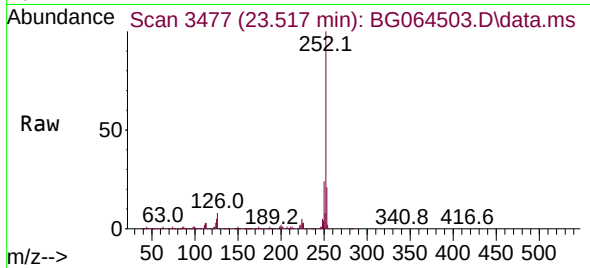
Tgt Ion:252 Resp: 498542
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 5.0 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 57.490 ng
RT: 23.517 min Scan# 3477
Delta R.T. 0.009 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

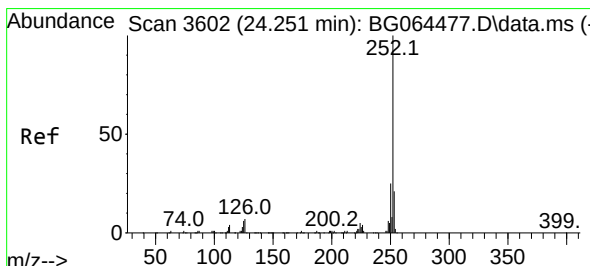
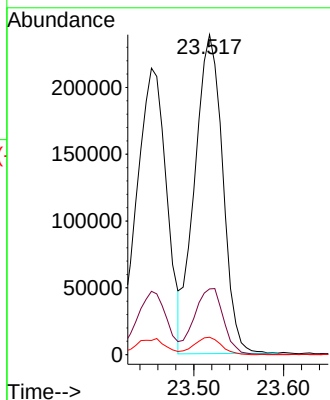
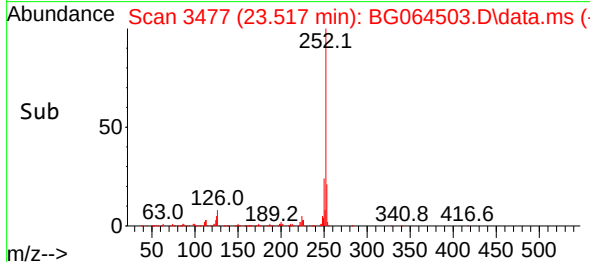
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:252 Resp: 516266
Ion Ratio Lower Upper
252 100
253 20.5 17.4 26.2
125 5.4 4.0 6.0

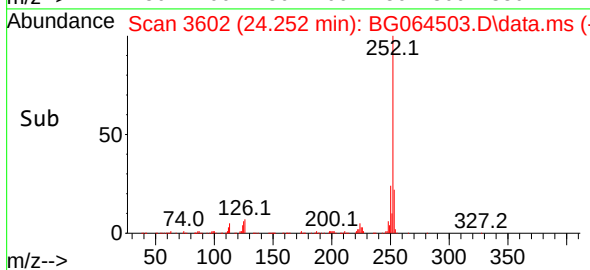
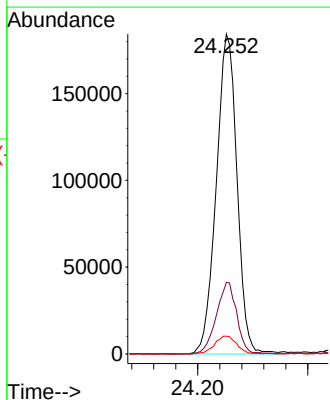
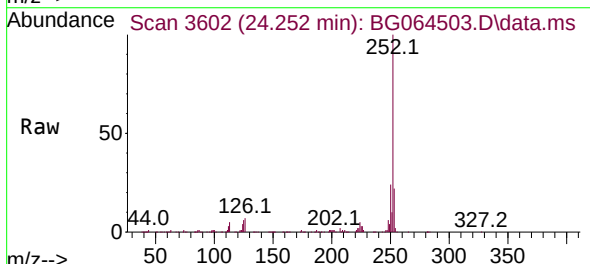
Manual Integrations
APPROVED

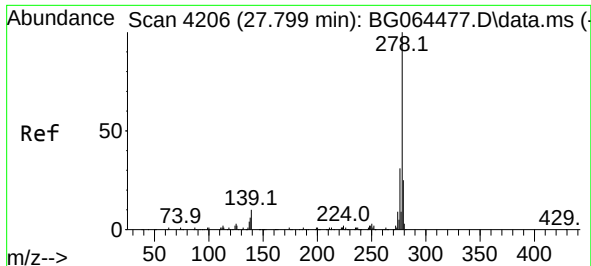
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#90
Benzo(a)pyrene
Concen: 58.549 ng
RT: 24.252 min Scan# 3602
Delta R.T. 0.004 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

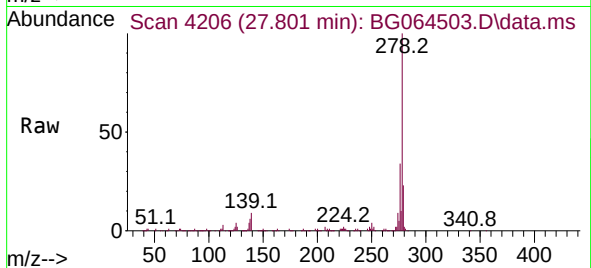
Tgt Ion:252 Resp: 481132
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.5 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 57.930 ng
RT: 27.801 min Scan# 41
Delta R.T. 0.021 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

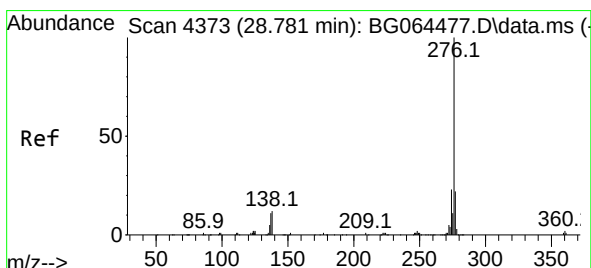
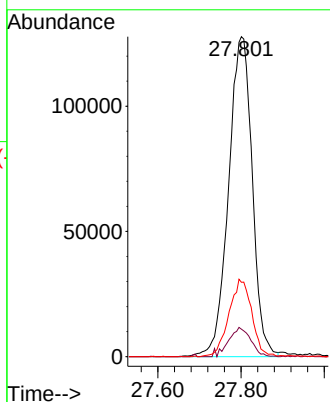
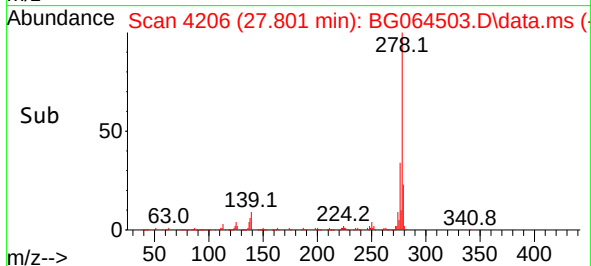
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS



Tgt Ion:278 Resp: 505403
Ion Ratio Lower Upper
278 100
139 8.6 8.2 12.2
279 23.2 19.6 29.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#92
Benzo(g,h,i)perylene
Concen: 58.630 ng
RT: 28.800 min Scan# 4376
Delta R.T. 0.033 min
Lab File: BG064503.D
Acq: 14 Oct 2025 16:52

Tgt Ion:276 Resp: 497074
Ion Ratio Lower Upper
276 100
277 23.8 17.8 26.6
138 10.5 9.4 14.0

