

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064500.D
 Acq On : 14 Oct 2025 14:38
 Operator : RC/JU
 Sample : PB170080BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170080BS

Manual Integrations

APPROVED

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

Quant Time: Oct 14 15:15:06 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	7.823	152	17466	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	74043	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	55179	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	139952	20.000	ng	0.00
76) Chrysene-d12	21.413	240	153646	20.000	ng	0.00
86) Perylene-d12	24.392	264	168945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	135556	143.634	ng	0.00
7) Phenol-d6	7.001	99	176311	139.018	ng	0.01
23) Nitrobenzene-d5	8.975	82	119559	86.824	ng	0.00
42) 2,4,6-Tribromophenol	15.943	330	136382	136.355	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	325586	86.974	ng	0.00
79) Terphenyl-d14	19.809	244	715506	88.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	14271	38.230	ng	95
3) Pyridine	3.711	79	37495	37.373	ng	91
4) n-Nitrosodimethylamine	3.628	42	34692	47.700	ng	# 95
6) Aniline	7.154	93	47768	29.859	ng	96
8) 2-Chlorophenol	7.389	128	55145	47.584	ng	96
9) Benzaldehyde	6.966	77	23737	21.084	ng	96
10) Phenol	7.024	94	65381	48.868	ng	91
11) bis(2-Chloroethyl)ether	7.248	93	41748	46.077	ng	98
12) 1,3-Dichlorobenzene	7.712	146	60509	47.730	ng	99
13) 1,4-Dichlorobenzene	7.859	146	63000	49.515	ng	95
14) 1,2-Dichlorobenzene	8.176	146	60180	47.991	ng	96
15) Benzyl Alcohol	8.064	79	57610	49.325	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.352	45	66276	45.380	ng	93
17) 2-Methylphenol	8.270	107	48523	50.086	ng	95
18) Hexachloroethane	8.899	117	23725	47.241	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	38098	44.917	ng	95
20) 3+4-Methylphenols	8.593	107	64863	47.978	ng	93
22) Acetophenone	8.640	105	96674	53.924	ng	# 94
24) Nitrobenzene	9.022	77	63452	46.208	ng	96
25) Isophorone	9.539	82	111762	44.801	ng	# 98
26) 2-Nitrophenol	9.727	139	31142	45.567	ng	94
27) 2,4-Dimethylphenol	9.792	122	58310	55.860	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	59440	46.744	ng	97
29) 2,4-Dichlorophenol	10.262	162	59912	49.633	ng	97
30) 1,2,4-Trichlorobenzene	10.473	180	66109	50.228	ng	95
31) Naphthalene	10.661	128	175829	46.115	ng	98
32) Benzoic acid	9.956	122	41112	51.298	ng	# 89
33) 4-Chloroaniline	10.767	127	23595	16.127	ng	95
34) Hexachlorobutadiene	10.949	225	51901	46.045	ng	95
35) Caprolactam	11.537	113	20276m	49.066	ng	
36) 4-Chloro-3-methylphenol	11.901	107	72117	49.128	ng	98
37) 2-Methylnaphthalene	12.271	142	125512	42.884	ng	94
38) 1-Methylnaphthalene	12.489	142	128751	44.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.641	216	94299	52.928	ng	99
41) Hexachlorocyclopentadiene	12.624	237	137592	147.638	ng	98
43) 2,4,6-Trichlorophenol	12.882	196	59058	51.854	ng	95

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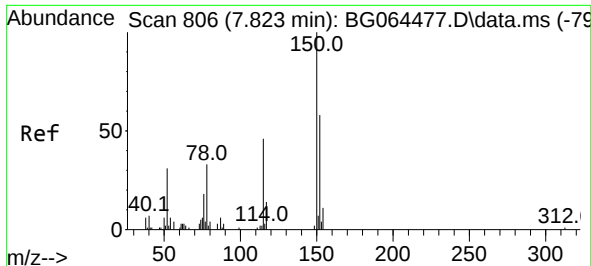
Quant Time: Oct 14 15:15:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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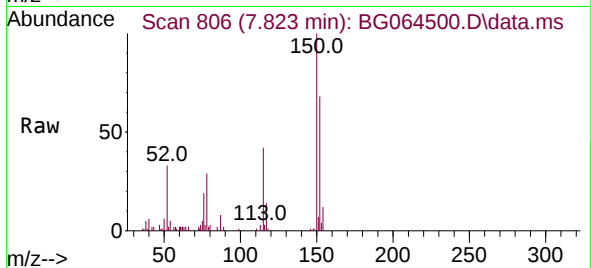
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	66418	52.235	ng	99
46) 1,1'-Biphenyl	13.288	154	212003	53.419	ng	98
47) 2-Chloronaphthalene	13.323	162	140615	47.456	ng	96
48) 2-Nitroaniline	13.528	65	49657	49.102	ng	86
49) Acenaphthylene	14.175	152	242700	55.177	ng	98
50) Dimethylphthalate	13.910	163	202447	46.845	ng	98
51) 2,6-Dinitrotoluene	14.028	165	44644	49.591	ng	89
52) Acenaphthene	14.516	154	140842	46.088	ng	98
53) 3-Nitroaniline	14.357	138	20887	25.158	ng	94
54) 2,4-Dinitrophenol	14.568	184	61951	94.903	ng	85
55) Dibenzofuran	14.850	168	239690	47.503	ng	100
56) 4-Nitrophenol	14.680	139	70237	107.450	ng	89
57) 2,4-Dinitrotoluene	14.815	165	67734	49.218	ng	# 96
58) Fluorene	15.497	166	205619	49.018	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	66097	50.936	ng	# 99
60) Diethylphthalate	15.279	149	218582	47.148	ng	97
61) 4-Chlorophenyl-phenyle...	15.497	204	108493	47.375	ng	95
62) 4-Nitroaniline	15.520	138	43033	49.730	ng	# 86
63) Azobenzene	15.785	77	172174	47.954	ng	97
65) 4,6-Dinitro-2-methylph...	15.585	198	47804	49.058	ng	92
66) n-Nitrosodiphenylamine	15.708	169	179143	47.934	ng	95
67) 4-Bromophenyl-phenylether	16.384	248	76655	46.545	ng	92
68) Hexachlorobenzene	16.501	284	89365	47.420	ng	96
69) Atrazine	16.660	200	88868	53.447	ng	97
70) Pentachlorophenol	16.848	266	120834	109.663	ng	98
71) Phenanthrene	17.236	178	347244	47.445	ng	98
72) Anthracene	17.324	178	357128	48.639	ng	99
73) Carbazole	17.594	167	332755	52.431	ng	99
74) Di-n-butylphthalate	18.158	149	397141	51.261	ng	100
75) Fluoranthene	19.245	202	452222	51.721	ng	99
77) Benzidine	19.427	184	100398	26.260	ng	98
78) Pyrene	19.604	202	463874	46.522	ng	98
80) Butylbenzylphthalate	20.497	149	170307	48.182	ng	99
81) Benzo(a)anthracene	21.396	228	483778	49.313	ng	98
82) 3,3'-Dichlorobenzidine	21.319	252	84901	25.569	ng	# 99
83) Chrysene	21.460	228	444105	47.734	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	240538	48.231	ng	98
85) Di-n-octyl phthalate	22.447	149	411128	49.050	ng	100
87) Indeno(1,2,3-cd)pyrene	27.759	276	576953	49.062	ng	98
88) Benzo(b)fluoranthene	23.458	252	464977	48.378	ng	99
89) Benzo(k)fluoranthene	23.523	252	476690	49.244	ng	98
90) Benzo(a)pyrene	24.257	252	447817	50.555	ng	97
91) Dibenzo(a,h)anthracene	27.806	278	478551	50.886	ng	97
92) Benzo(g,h,i)perylene	28.799	276	459666	50.297	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

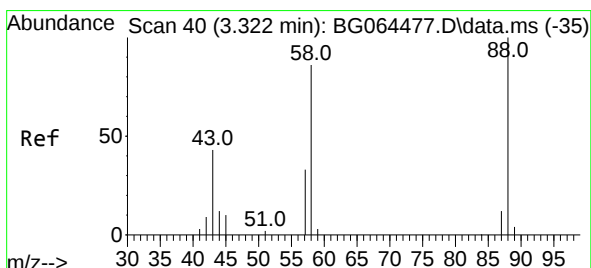
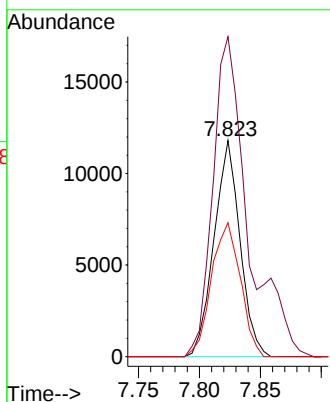
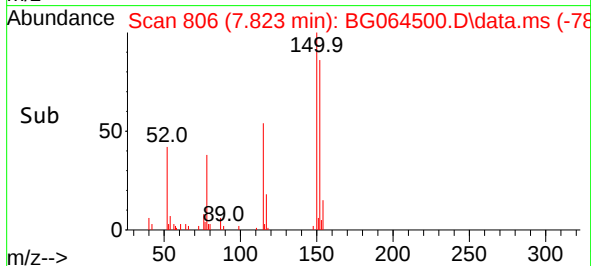
Instrument :
BNA_G
ClientSampleId :
PB170080BS



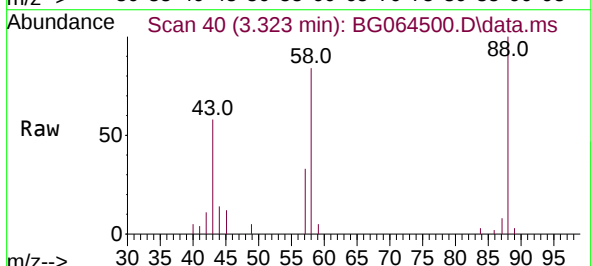
Tgt Ion:152 Resp: 17466
Ion Ratio Lower Upper
152 100
150 148.1 138.6 207.8
115 62.0 63.4 95.2

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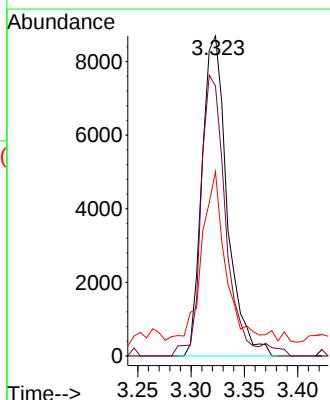
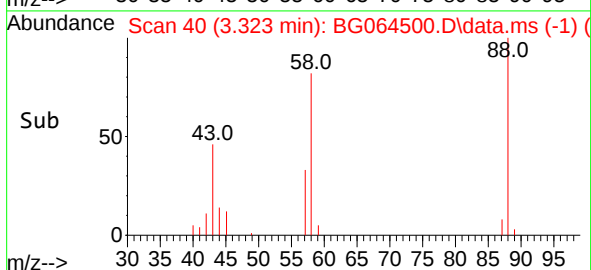
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

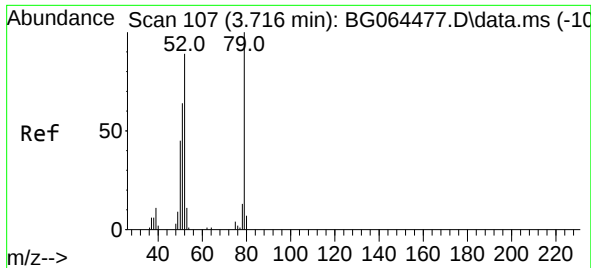


#2
1,4-Dioxane
Concen: 38.230 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



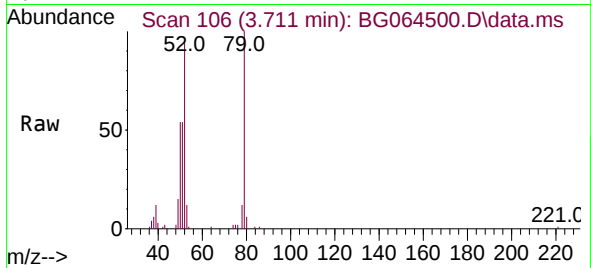
Tgt Ion: 88 Resp: 14271
Ion Ratio Lower Upper
88 100
58 84.9 69.8 104.6
43 53.5 37.4 56.0





#3
Pyridine
Concen: 37.373 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

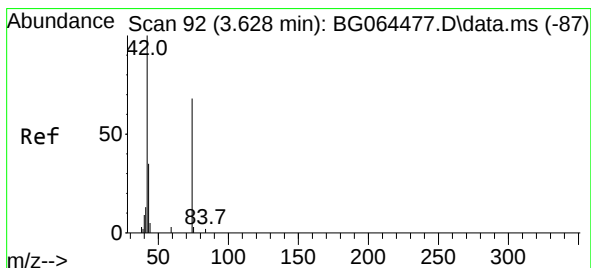
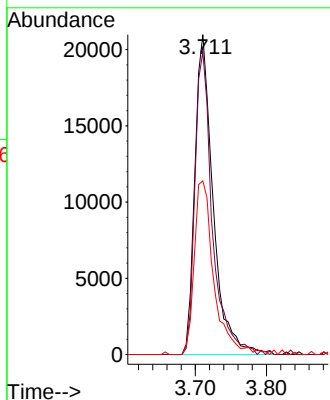
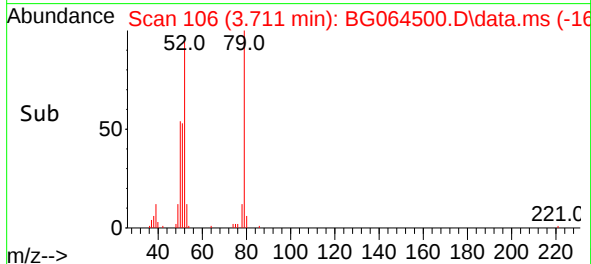
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion: 79 Resp: 37495
Ion Ratio Lower Upper
79 100
52 94.5 71.0 106.4
51 54.3 51.0 76.6

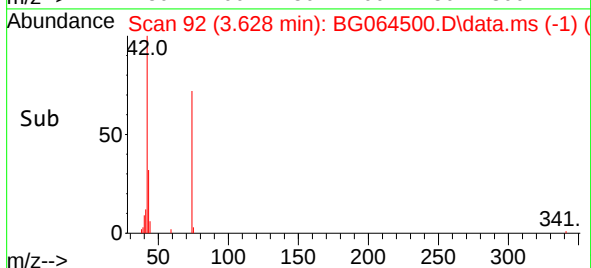
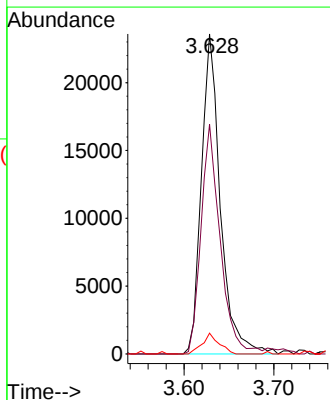
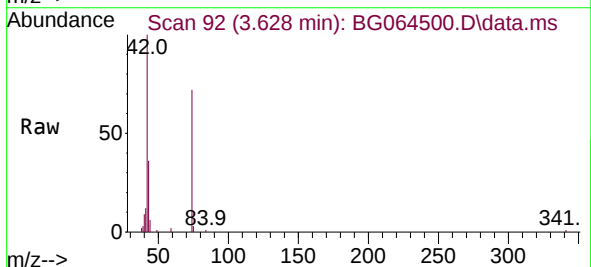
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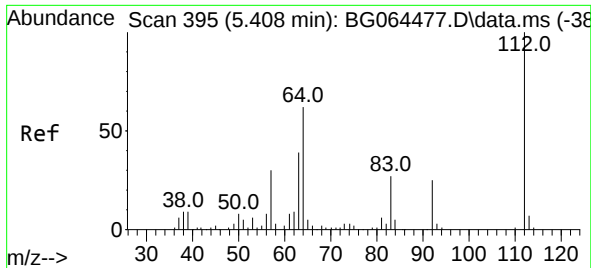
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 47.700 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

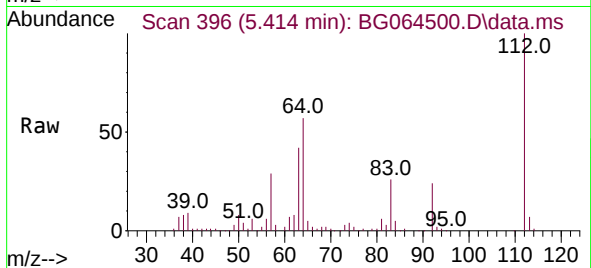
Tgt Ion: 42 Resp: 34692
Ion Ratio Lower Upper
42 100
74 71.8 54.2 81.4
44 6.5 4.2 6.2





#5
2-Fluorophenol
Concen: 143.634 ng
RT: 5.414 min Scan# 395
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

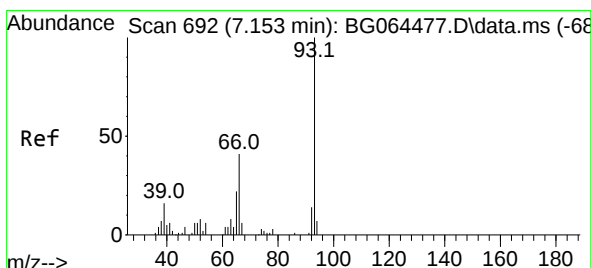
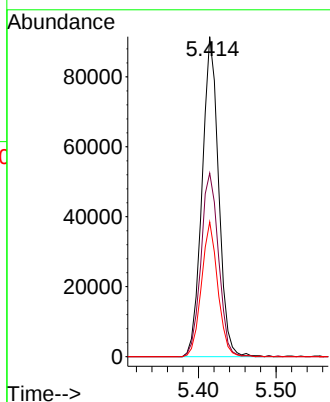
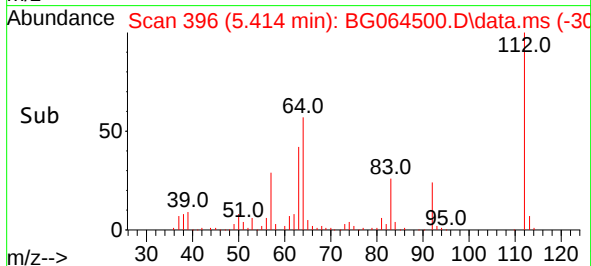
Instrument :
BNA_G
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Tgt Ion:112 Resp: 135556
Ion Ratio Lower Upper
112 100
64 57.3 49.8 74.8
63 42.1 31.3 46.9

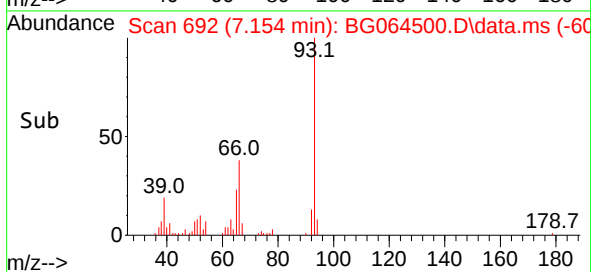
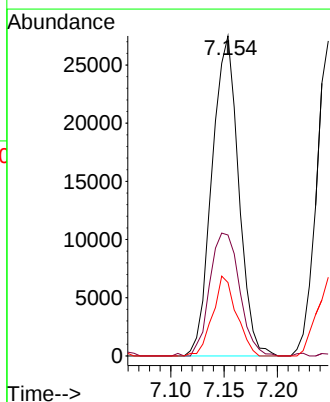
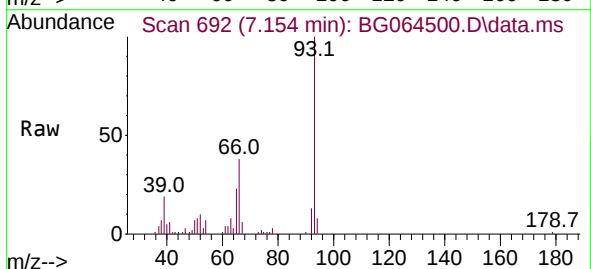
Manual Integrations
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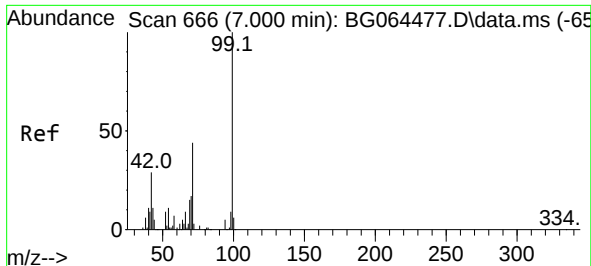
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#6
Aniline
Concen: 29.859 ng
RT: 7.154 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

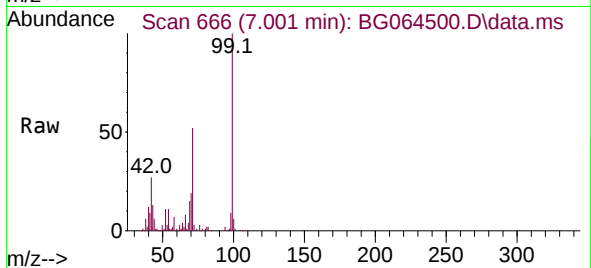
Tgt Ion: 93 Resp: 47768
Ion Ratio Lower Upper
93 100
66 37.8 33.0 49.4
65 22.9 17.5 26.3





#7
Phenol-d6
Concen: 139.018 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

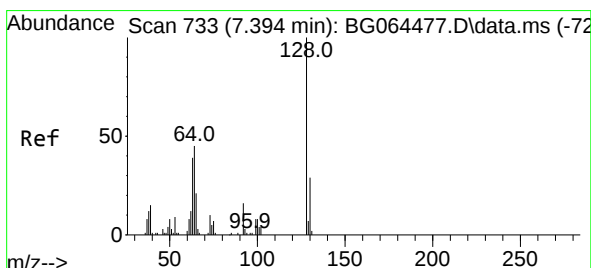
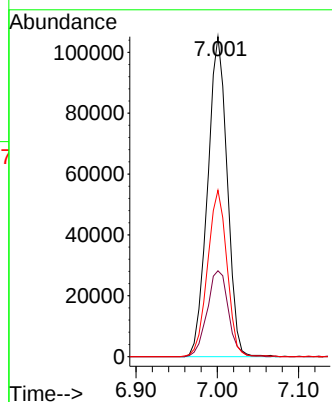
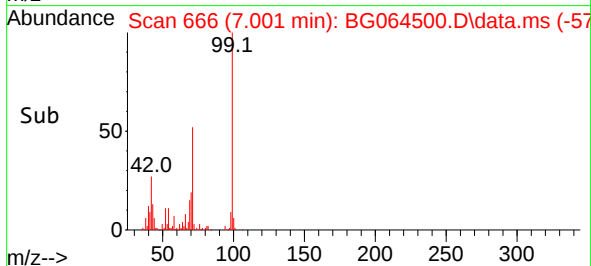
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion: 99 Resp: 17631
Ion Ratio Lower Upper
99 100
42 26.8 22.9 34.3
71 52.0 35.4 53.2

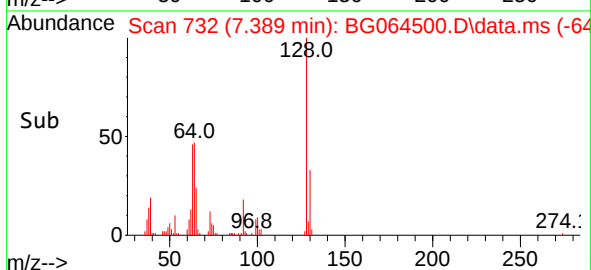
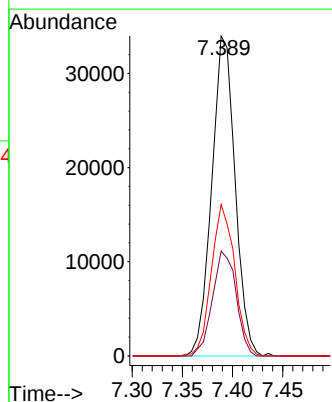
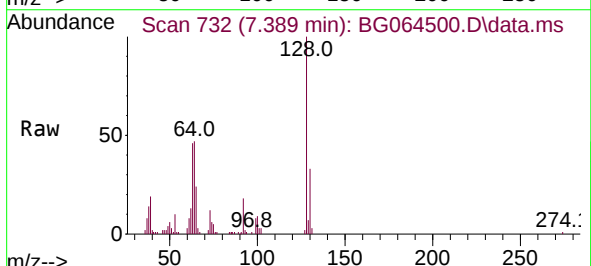
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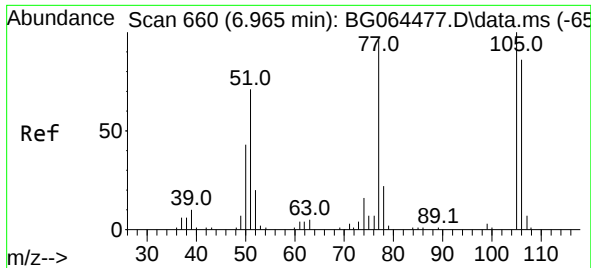
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#8
2-Chlorophenol
Concen: 47.584 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:128 Resp: 55145
Ion Ratio Lower Upper
128 100
130 32.8 9.2 49.2
64 47.3 25.5 65.5





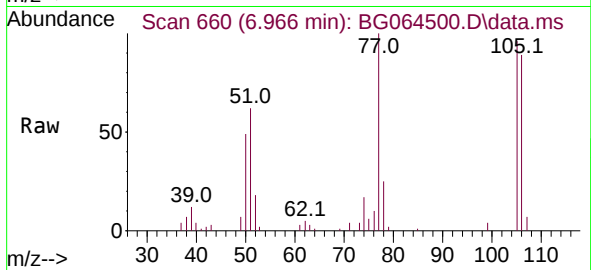
#9
Benzaldehyde
Concen: 21.084 ng
RT: 6.966 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

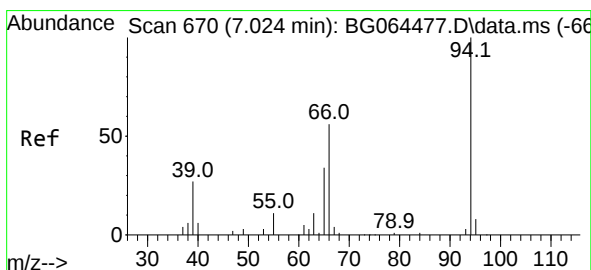
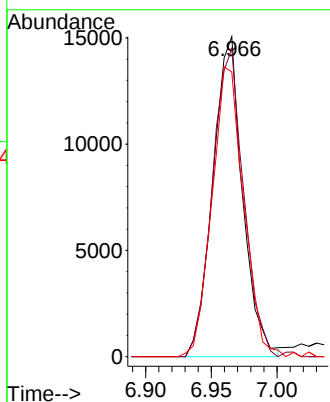
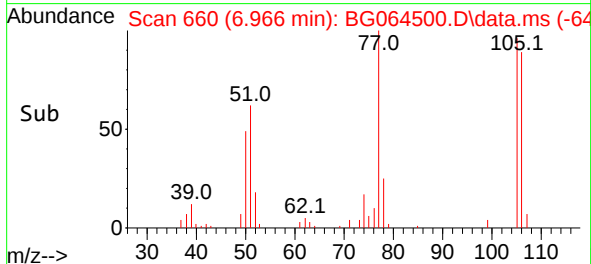


Tgt Ion: 77 Resp: 2373
Ion Ratio Lower Upper
77 100
105 96.3 83.7 123.7
106 88.9 69.4 109.4

Manual Integrations

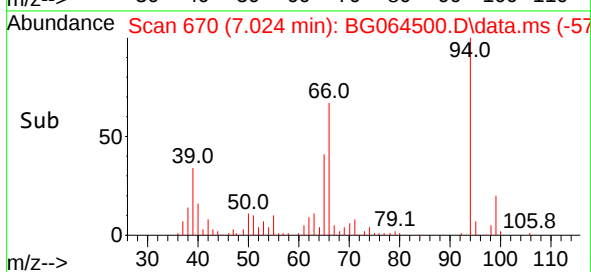
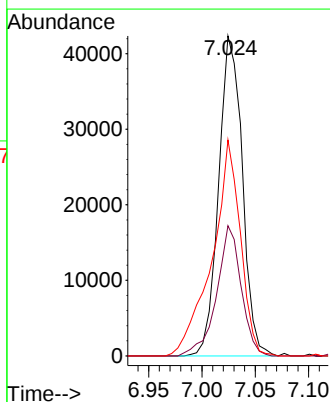
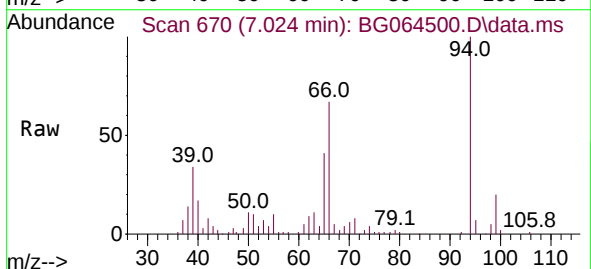
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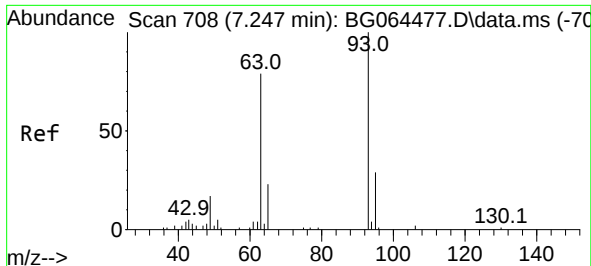
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#10
Phenol
Concen: 48.868 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

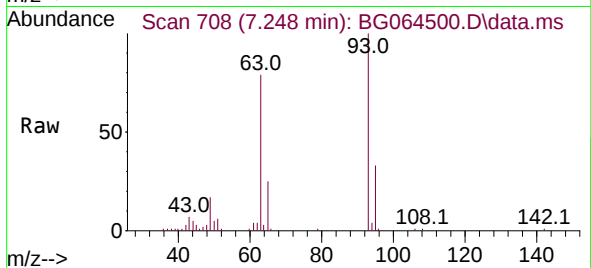
Tgt Ion: 94 Resp: 65381
Ion Ratio Lower Upper
94 100
65 40.7 14.8 54.8
66 67.5 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 46.077 ng
RT: 7.248 min Scan# 708
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

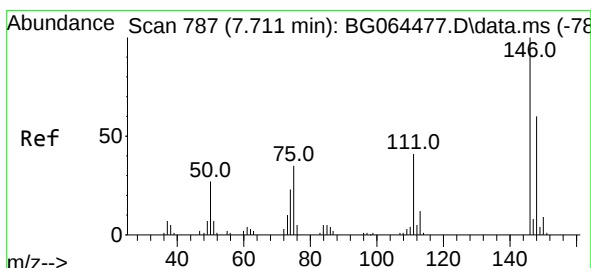
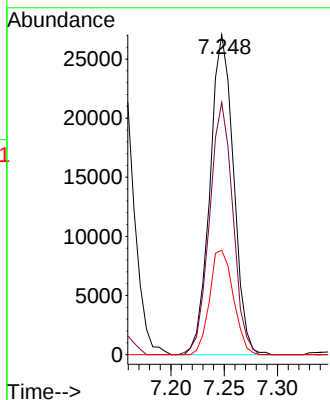
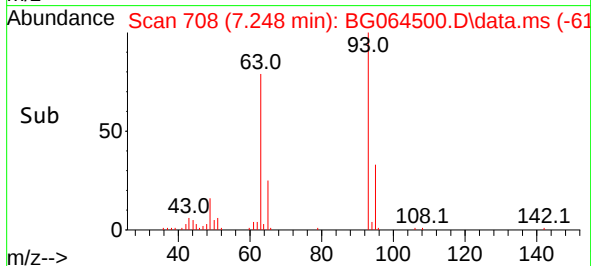
Instrument :
BNA_G
ClientSampleId :
PB170080BS



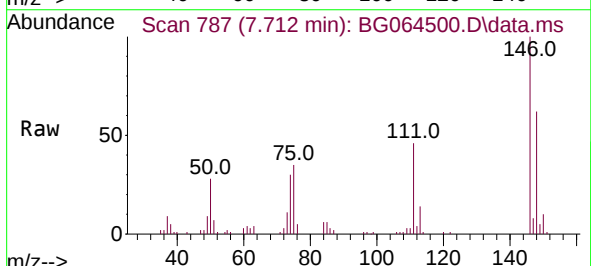
Tgt Ion: 93 Resp: 41748
Ion Ratio Lower Upper
93 100
63 78.8 59.5 99.5
95 32.6 8.8 48.8

Manual Integrations
APPROVED

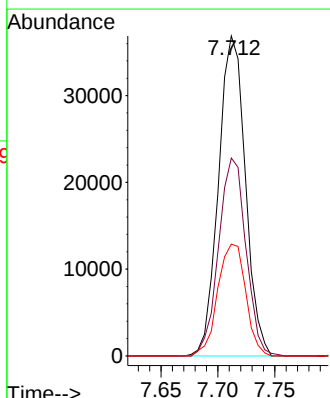
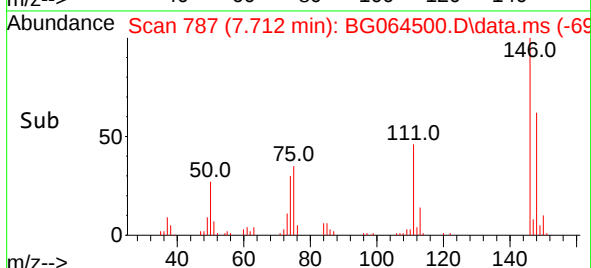
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

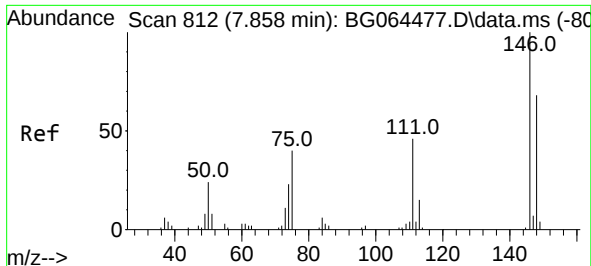


#12
1,3-Dichlorobenzene
Concen: 47.730 ng
RT: 7.712 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:146 Resp: 60509
Ion Ratio Lower Upper
146 100
148 61.9 48.4 72.6
75 34.9 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 49.515 ng

RT: 7.859 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG064500.D

Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

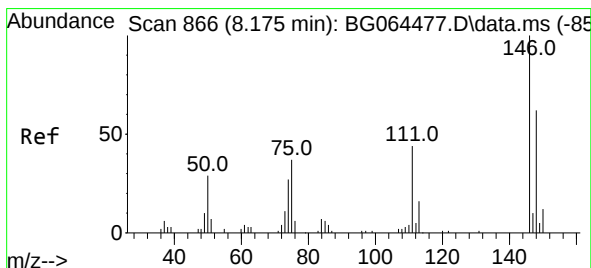
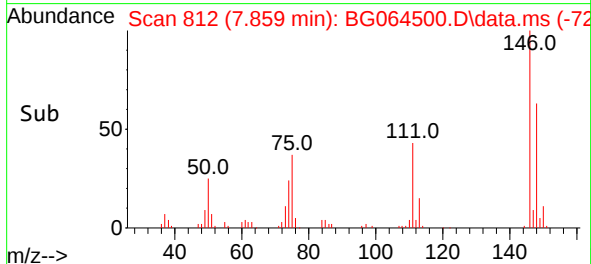
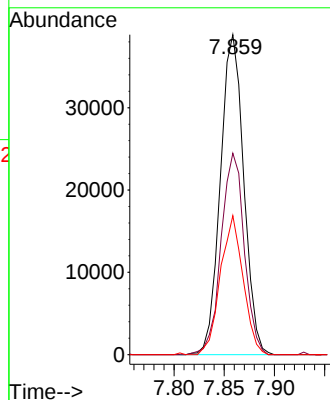
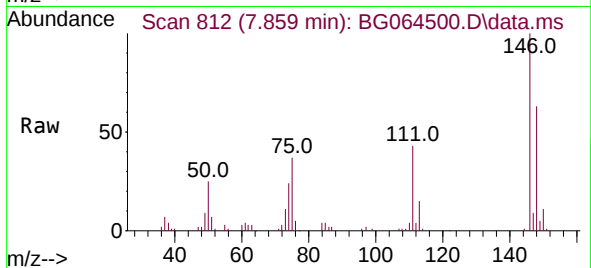
Tgt Ion:146 Resp: 63000

Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.4	81.6
111	43.4	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: 47.991 ng

RT: 8.176 min Scan# 866

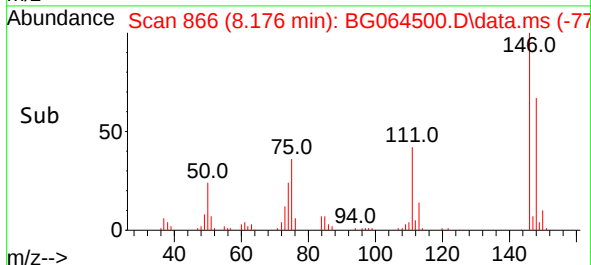
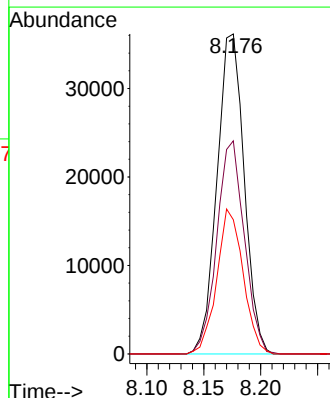
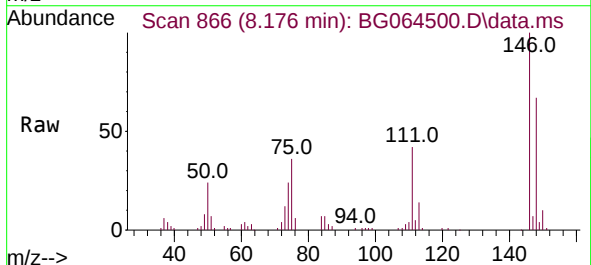
Delta R.T. 0.003 min

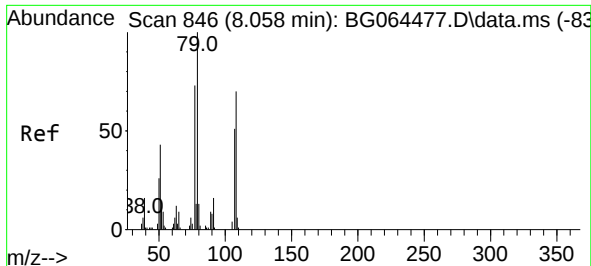
Lab File: BG064500.D

Acq: 14 Oct 2025 14:38

Tgt Ion:146 Resp: 60180

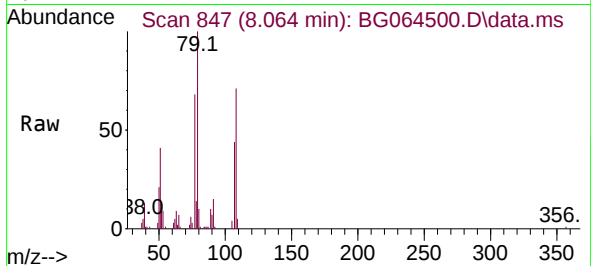
Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.0	75.0
111	41.9	35.0	52.4





#15
Benzyl Alcohol
Concen: 49.325 ng
RT: 8.064 min Scan# 846
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

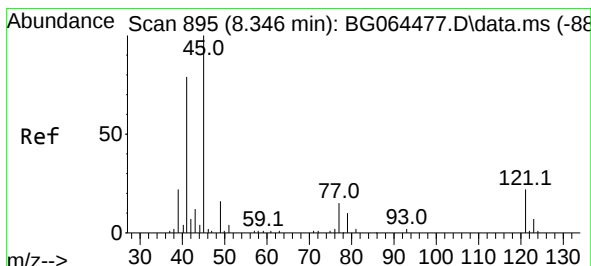
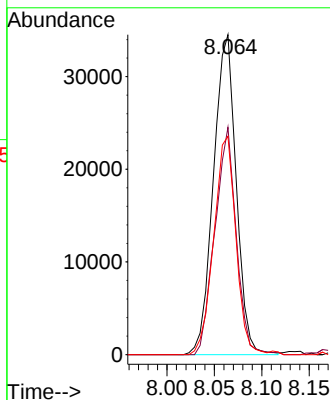
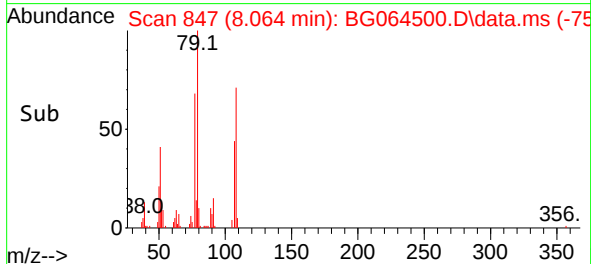
Instrument :
BNA_G
ClientSampleId :
PB170080BS



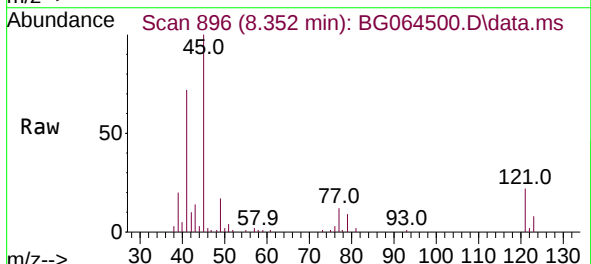
Tgt Ion: 79 Resp: 57610
Ion Ratio Lower Upper
79 100
108 71.0 56.4 84.6
77 68.2 58.3 87.5

Manual Integrations
APPROVED

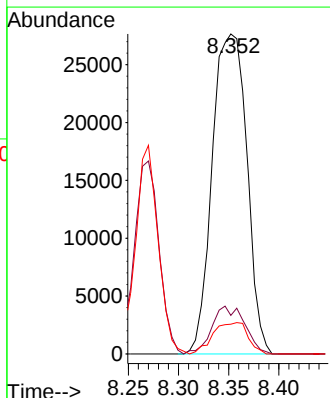
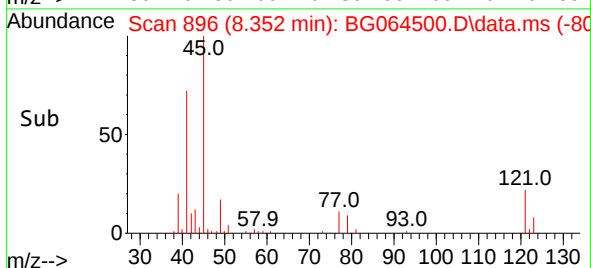
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

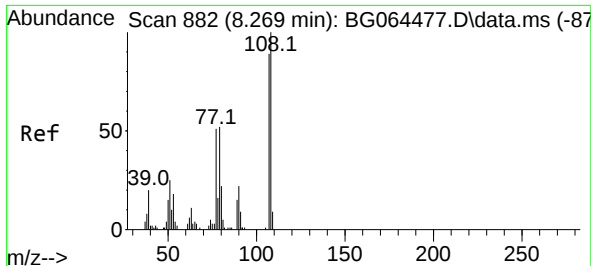


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.380 ng
RT: 8.352 min Scan# 896
Delta R.T. 0.015 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



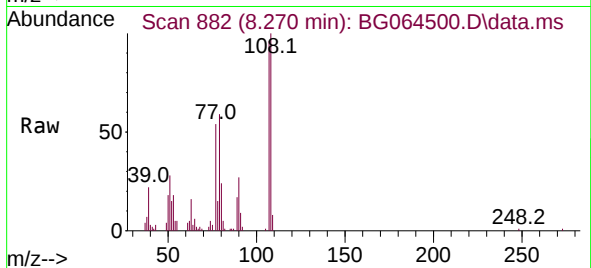
Tgt Ion: 45 Resp: 66276
Ion Ratio Lower Upper
45 100
77 12.0 0.0 35.6
79 9.3 0.0 30.7





#17
2-Methylphenol
Concen: 50.086 ng
RT: 8.270 min Scan# 882
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

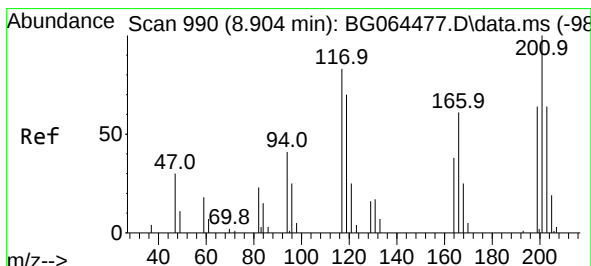
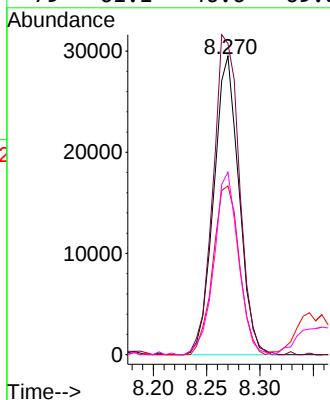
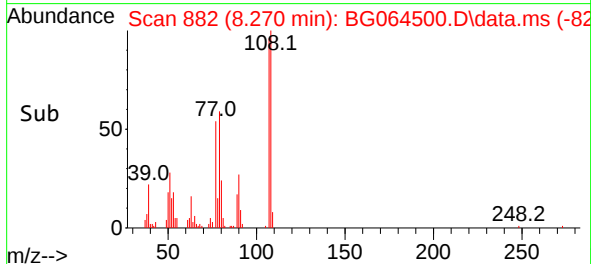
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:	107	Resp:	48523
Ion	Ratio	Lower	Upper
107	100		
108	104.2	90.3	135.5
77	56.5	46.0	69.0
79	61.1	46.6	69.8

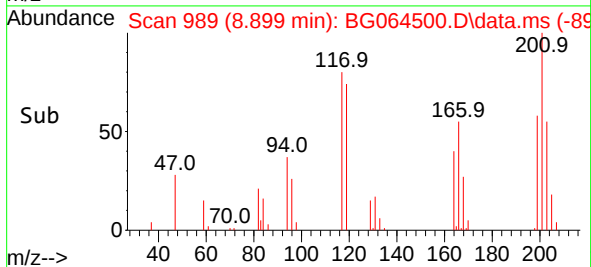
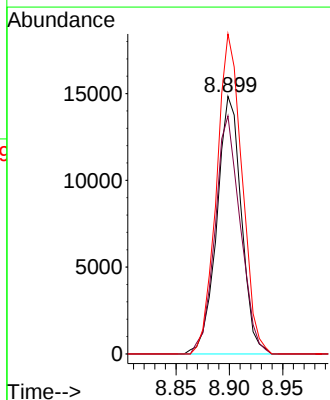
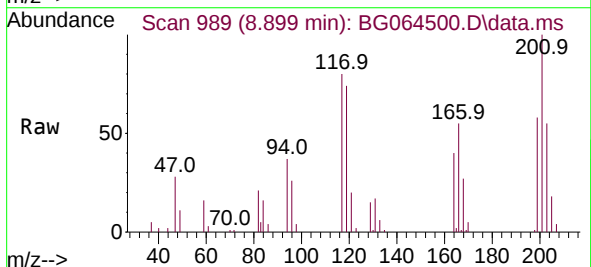
Manual Integrations
APPROVED

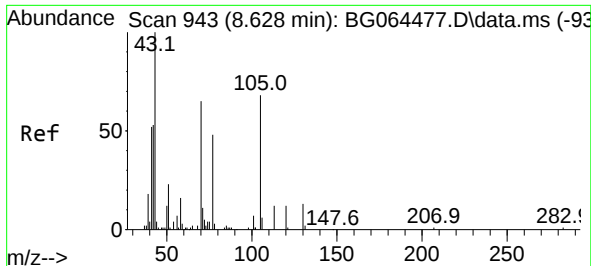
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#18
Hexachloroethane
Concen: 47.241 ng
RT: 8.899 min Scan# 989
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

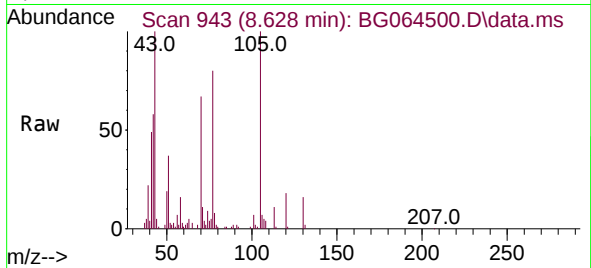
Tgt Ion:	117	Resp:	23725
Ion	Ratio	Lower	Upper
117	100		
119	92.4	67.4	101.0
201	124.3	95.9	143.9





#19
n-Nitroso-di-n-propylamine
Concen: 44.917 ng
RT: 8.628 min Scan# 943
Delta R.T. 0.015 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

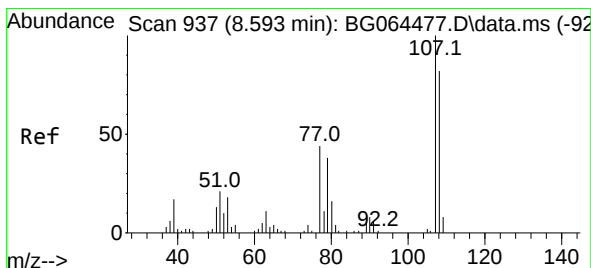
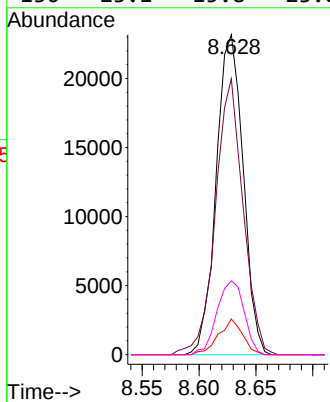
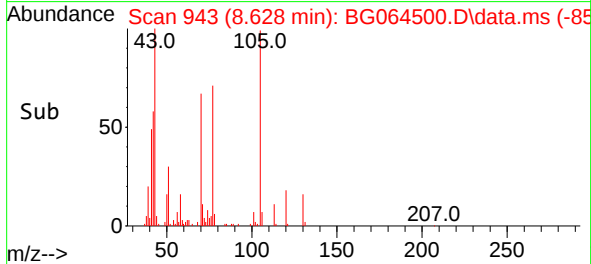
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion: 70 Resp: 38098
Ion Ratio Lower Upper
70 100
42 86.2 64.9 97.3
101 11.1 8.7 13.1
130 23.1 15.8 23.8

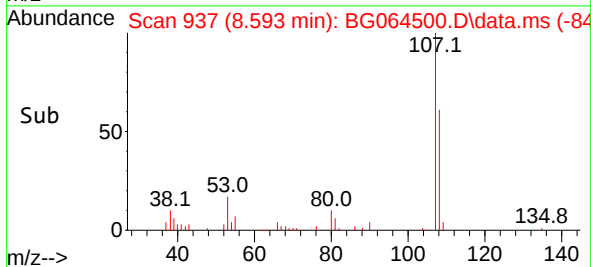
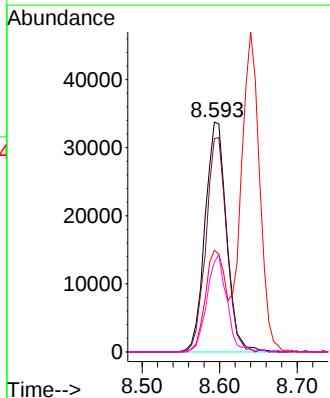
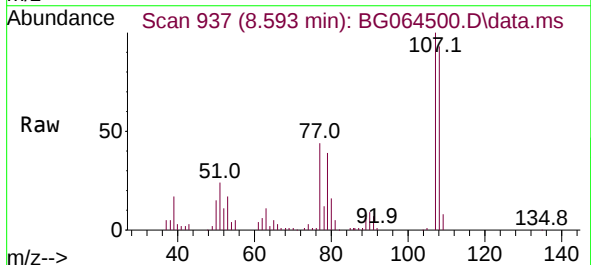
Manual Integrations
APPROVED

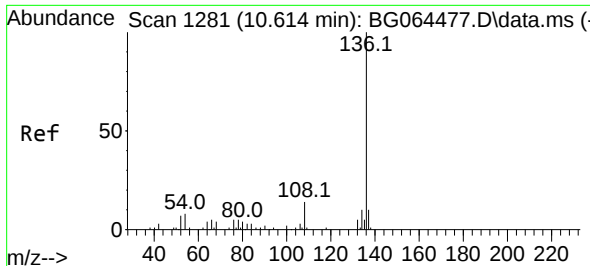
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#20
3+4-Methylphenols
Concen: 47.978 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:107 Resp: 64863
Ion Ratio Lower Upper
107 100
108 92.9 62.1 102.1
77 44.3 23.5 63.5
79 39.2 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

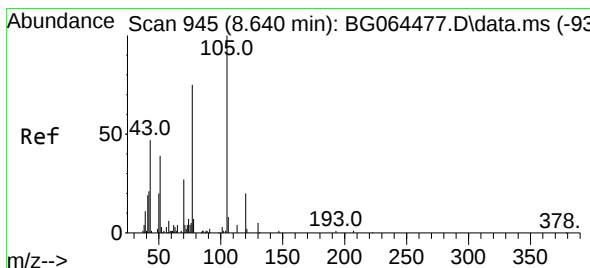
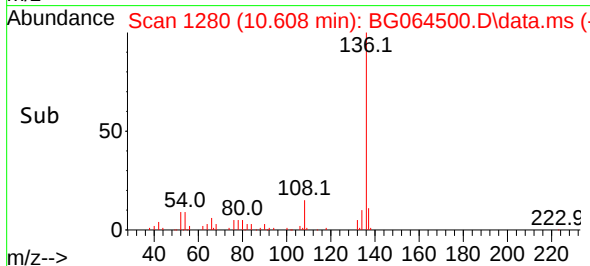
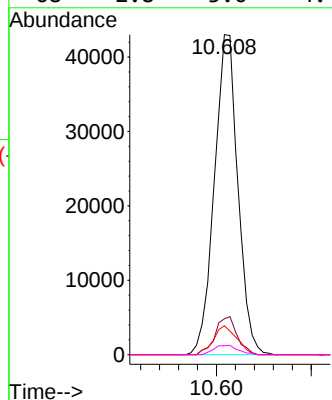
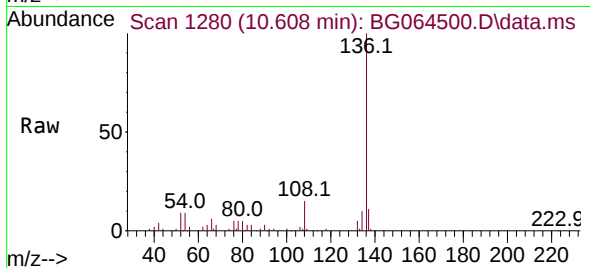
PB170080BS

Tgt Ion:136 Resp: 74043
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 9.0 6.2 9.4
68 2.8 3.0 4.4#

Manual Integrations

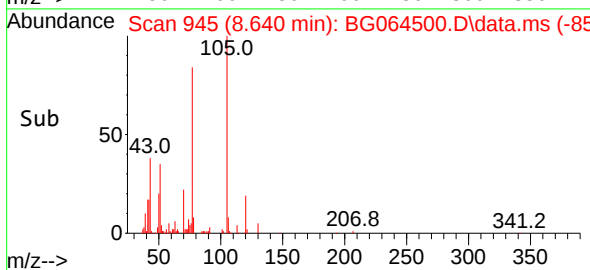
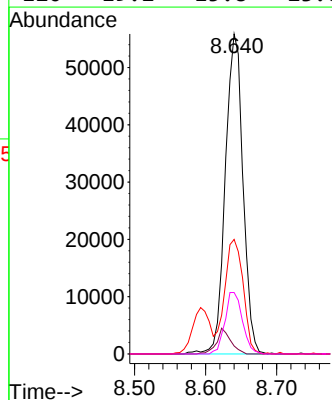
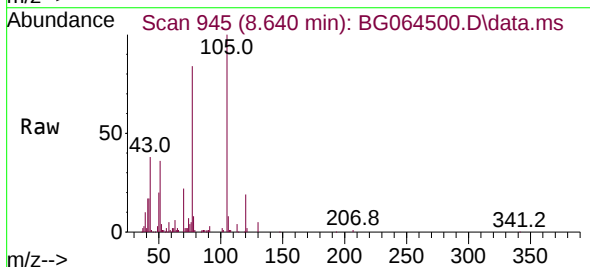
APPROVED

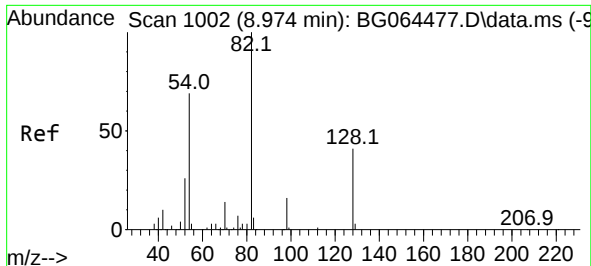
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#22
Acetophenone
Concen: 53.924 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:105 Resp: 96674
Ion Ratio Lower Upper
105 100
71 2.5 2.8 4.2#
51 35.8 33.0 49.4
120 19.2 15.8 23.6





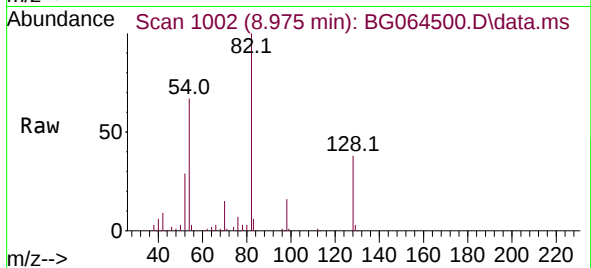
#23
Nitrobenzene-d5
Concen: 86.824 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

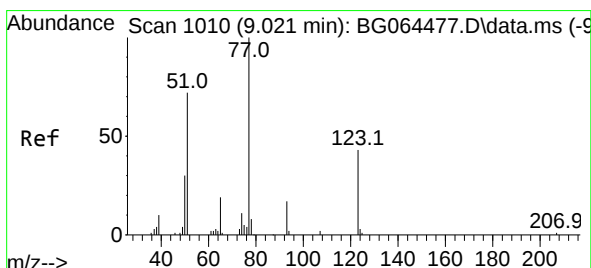
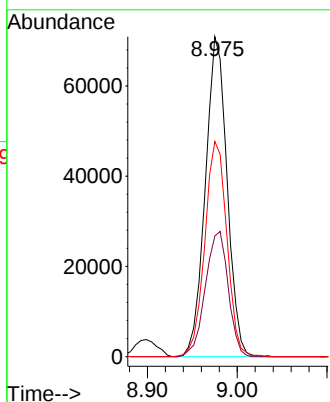
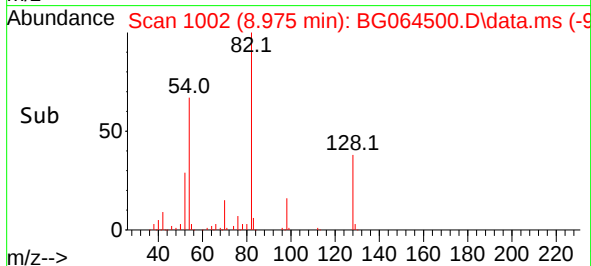


Tgt Ion: 82 Resp: 119559
Ion Ratio Lower Upper
82 100
128 37.7 33.1 49.7
54 67.2 55.4 83.2

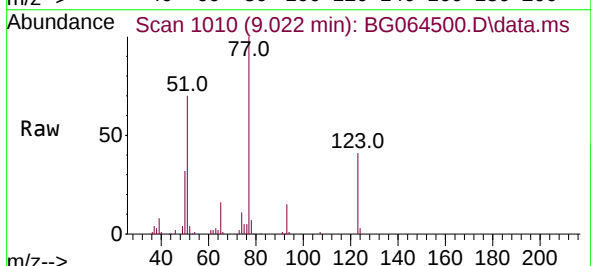
Manual Integrations

APPROVED

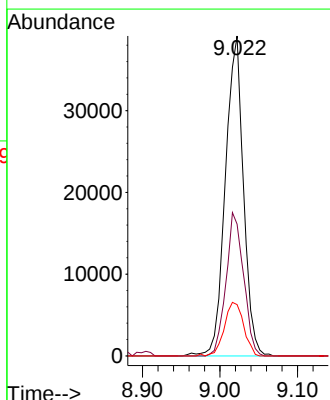
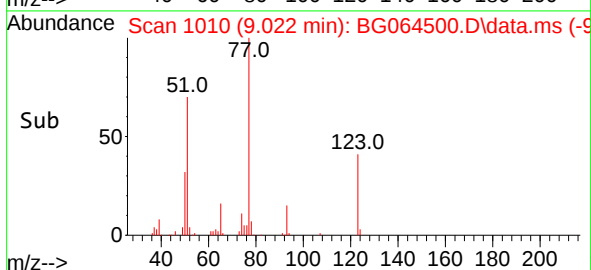
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

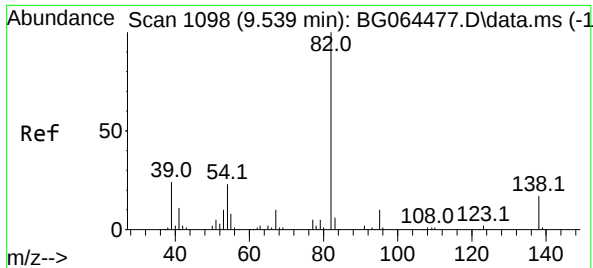


#24
Nitrobenzene
Concen: 46.208 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion: 77 Resp: 63452
Ion Ratio Lower Upper
77 100
123 41.2 34.4 51.6
65 16.0 14.8 22.2





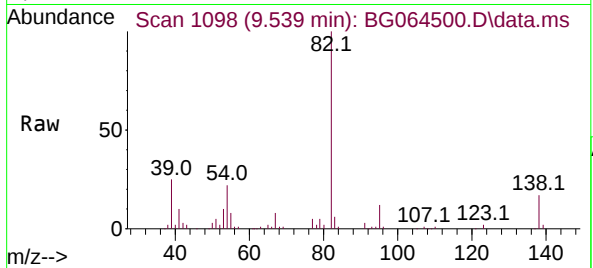
#25
Isophorone
Concen: 44.801 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

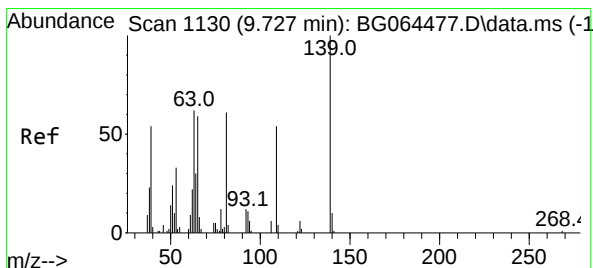
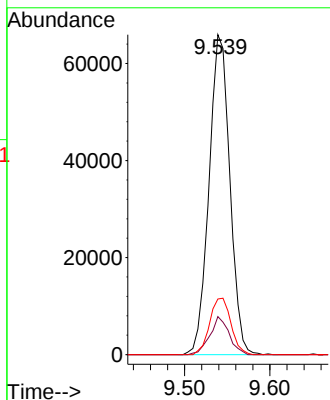
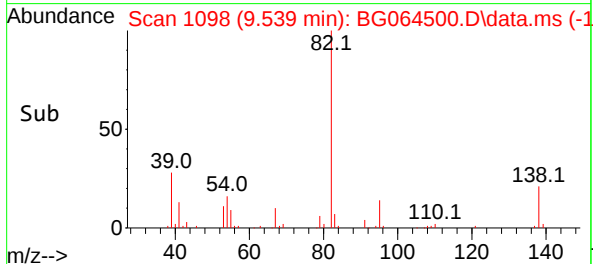


Tgt Ion: 82 Resp: 111762
Ion Ratio Lower Upper
82 100
95 11.9 7.8 11.8
138 17.4 13.8 20.6

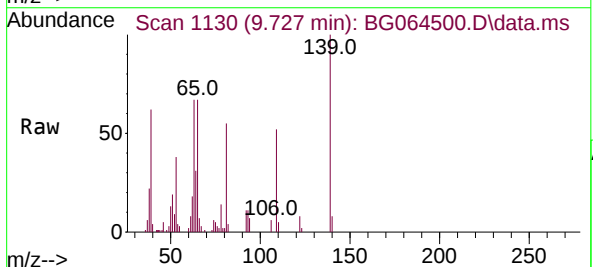
Manual Integrations

APPROVED

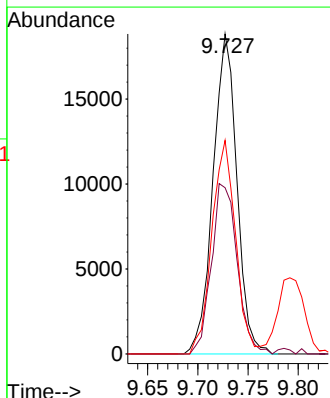
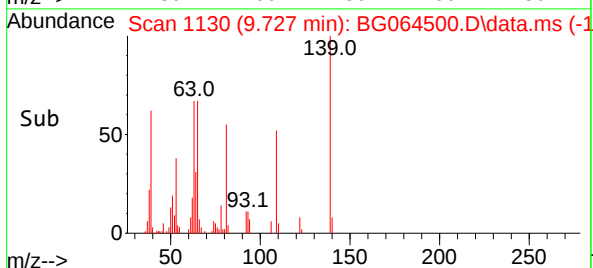
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

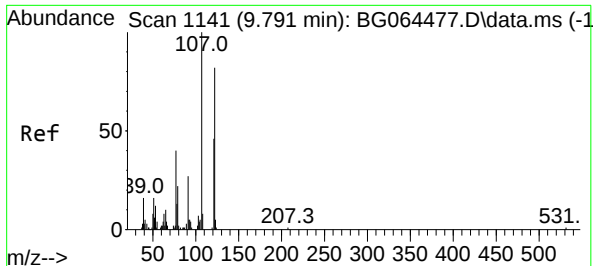


#26
2-Nitrophenol
Concen: 45.567 ng
RT: 9.727 min Scan# 1130
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:139 Resp: 31142
Ion Ratio Lower Upper
139 100
109 51.9 43.0 64.6
65 66.7 47.4 71.2





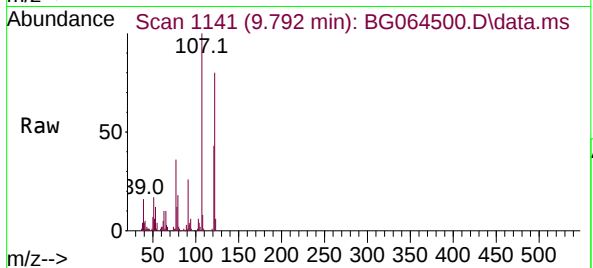
#27
2,4-Dimethylphenol
Concen: 55.860 ng
RT: 9.792 min Scan# 1141
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

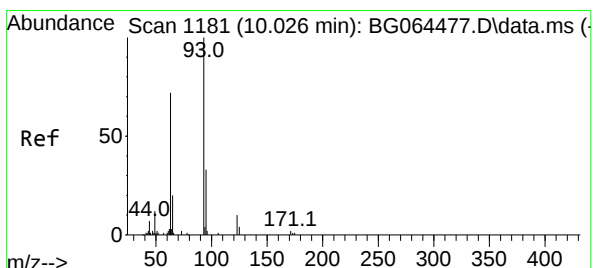
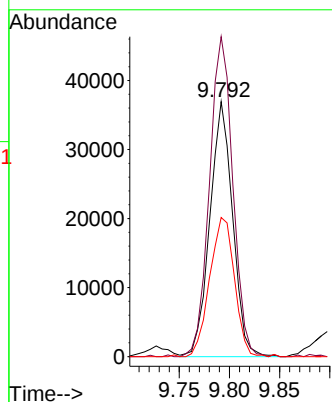
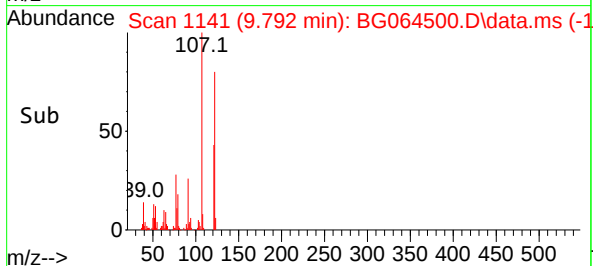


Tgt Ion:122 Resp: 58310
Ion Ratio Lower Upper
122 100
107 125.5 98.3 147.5
121 54.6 44.7 67.1

Manual Integrations

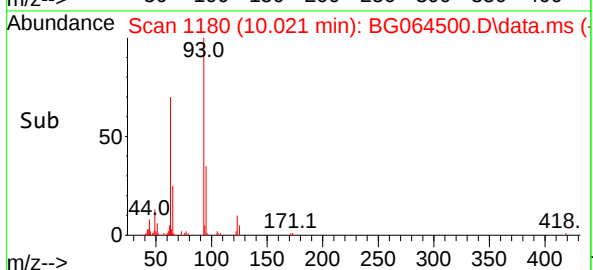
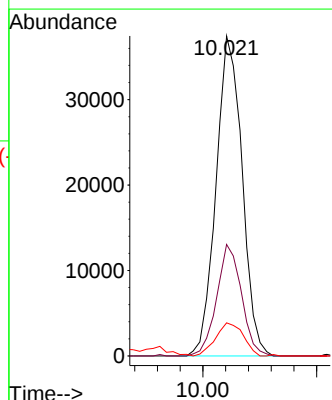
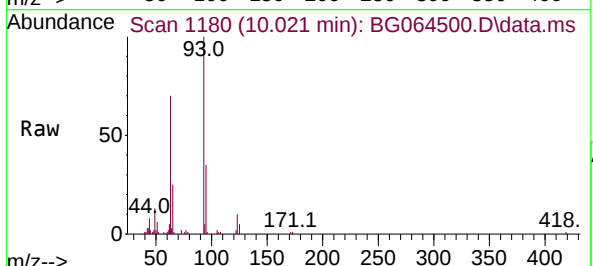
APPROVED

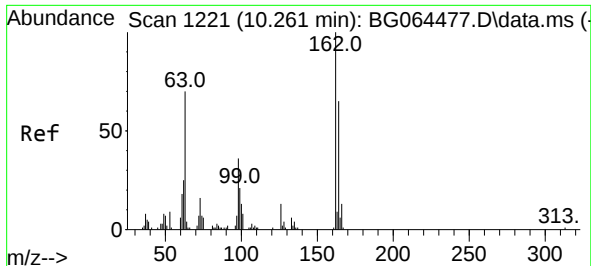
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.744 ng
RT: 10.021 min Scan# 1180
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

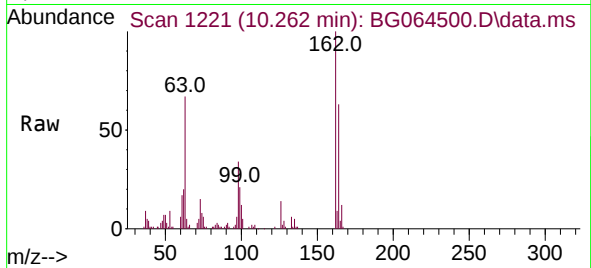
Tgt Ion: 93 Resp: 59440
Ion Ratio Lower Upper
93 100
95 34.8 26.5 39.7
123 10.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 49.633 ng
RT: 10.262 min Scan# 1221
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

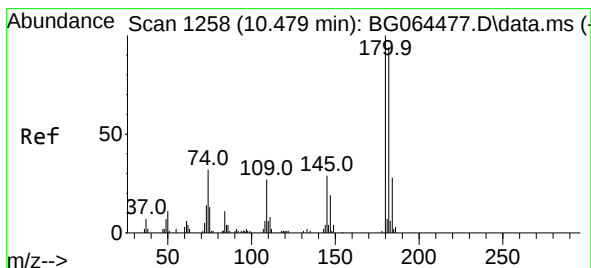
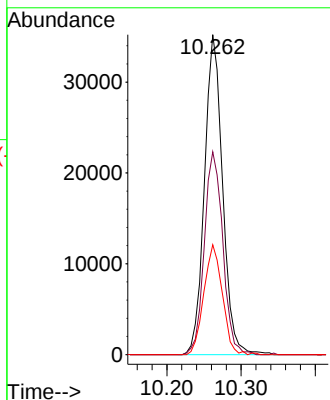
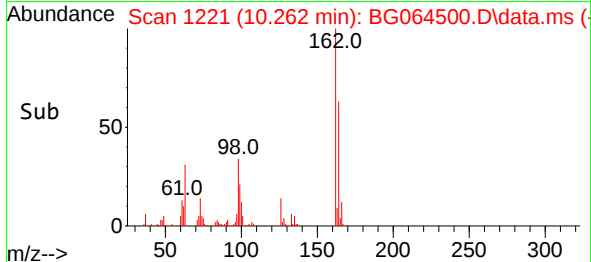
Instrument :
BNA_G
ClientSampleId :
PB170080BS



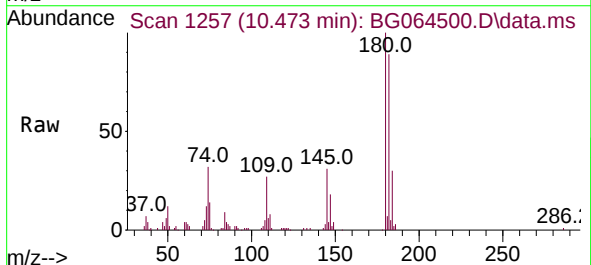
Tgt Ion:162 Resp: 59912
Ion Ratio Lower Upper
162 100
164 63.4 45.4 85.4
98 34.3 16.4 56.4

Manual Integrations
APPROVED

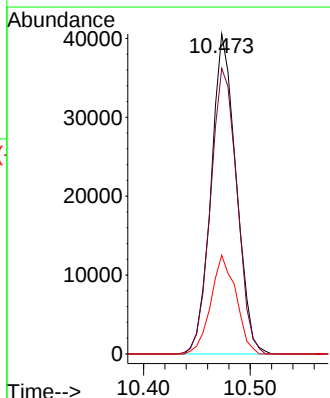
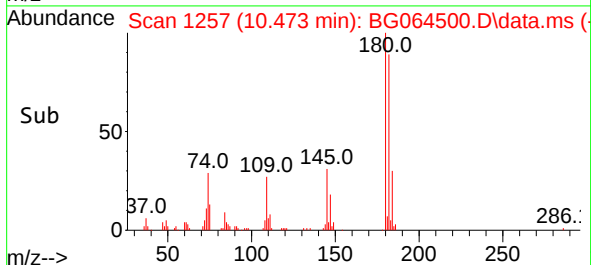
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

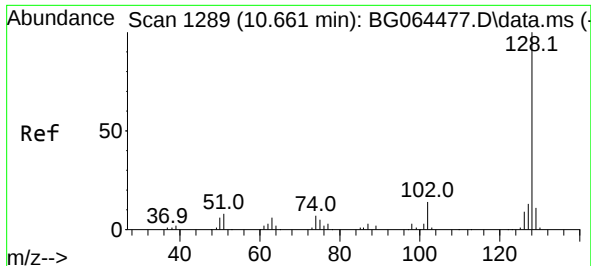


#30
1,2,4-Trichlorobenzene
Concen: 50.228 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



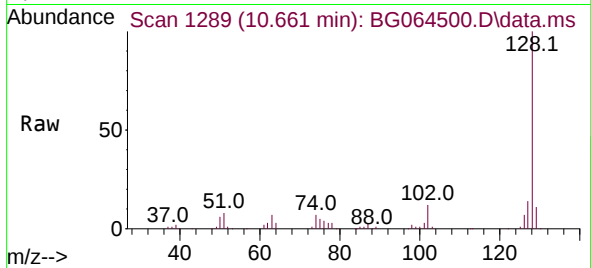
Tgt Ion:180 Resp: 66109
Ion Ratio Lower Upper
180 100
182 89.2 75.4 113.2
145 30.8 23.2 34.8





#31
Naphthalene
Concen: 46.115 ng
RT: 10.661 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

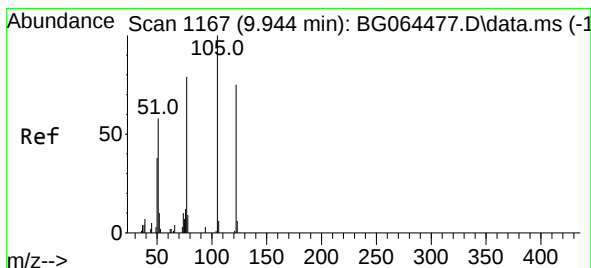
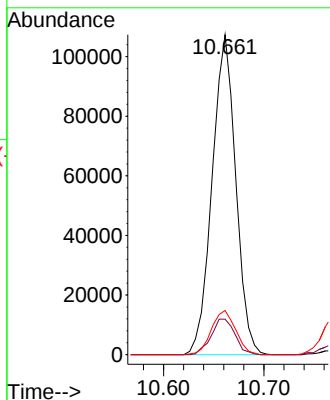
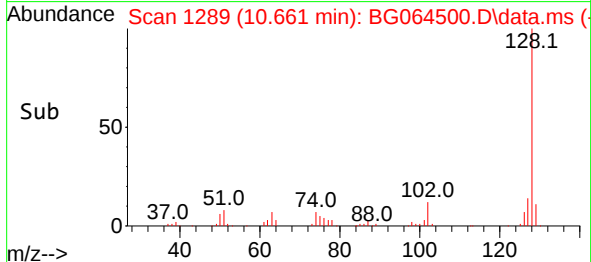
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:128 Resp: 175829
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 10.2 15.2

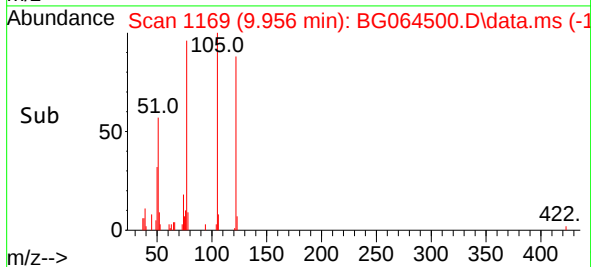
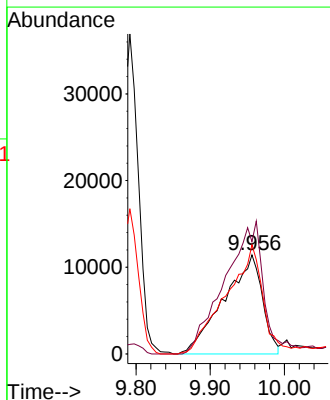
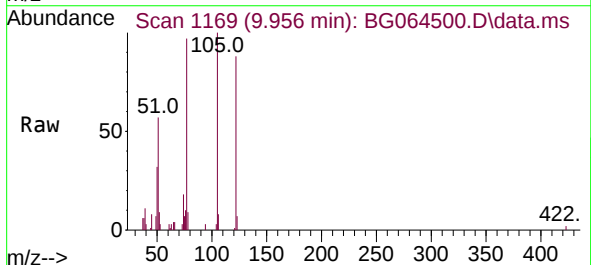
Manual Integrations
APPROVED

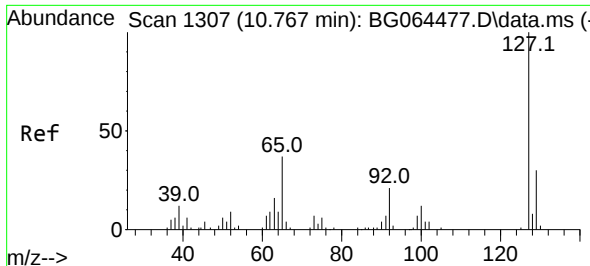
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#32
Benzoic acid
Concen: 51.298 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.068 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:122 Resp: 41112
Ion Ratio Lower Upper
122 100
105 113.4 113.9 153.9#
77 110.2 86.1 126.1





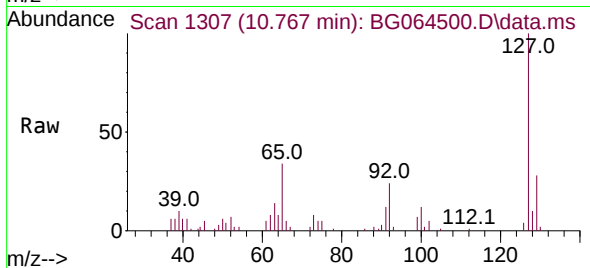
#33
4-Chloroaniline
Concen: 16.127 ng
RT: 10.767 min Scan# 1307
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

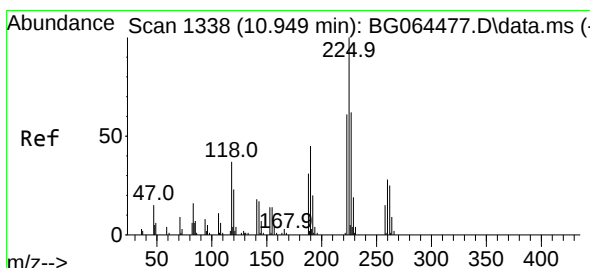
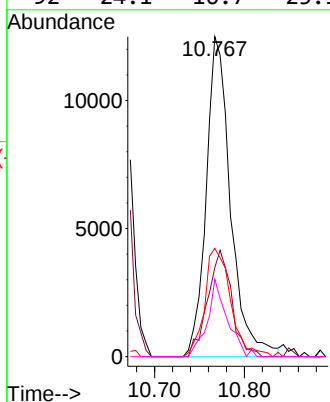
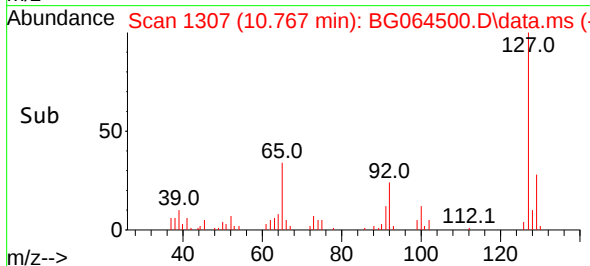


Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.9	24.2	36.4
65	33.8	29.6	44.4
92	24.1	16.7	25.1

Manual Integrations

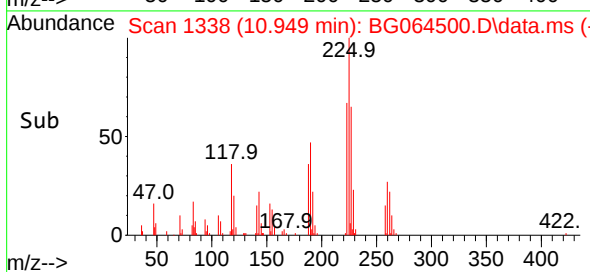
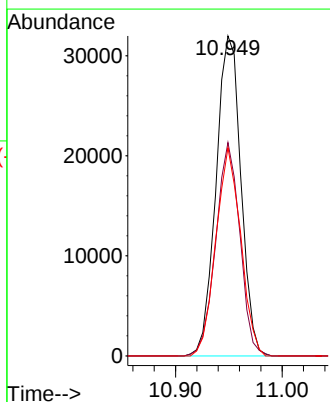
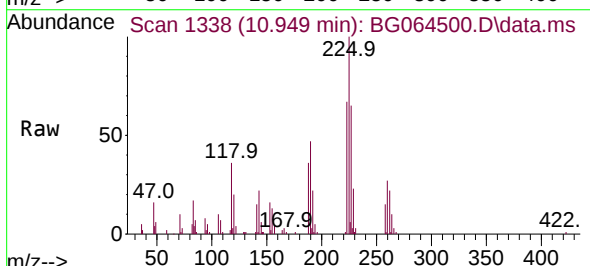
APPROVED

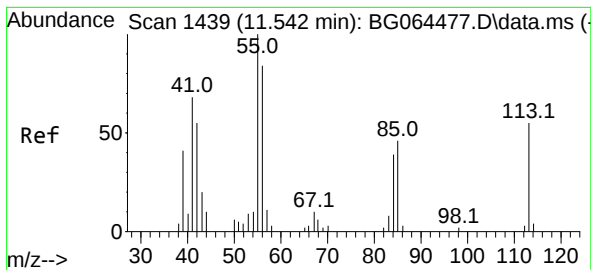
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#34
Hexachlorobutadiene
Concen: 46.045 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

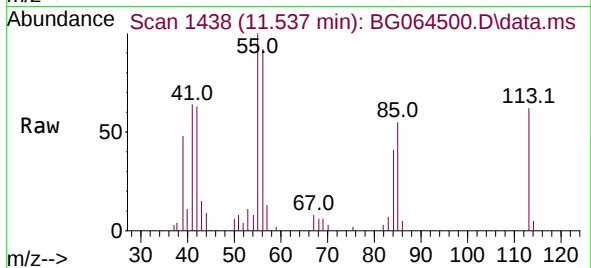
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	49.0	73.6
227	65.0	49.9	74.9





#35
Caprolactam
Concen: 49.066 ng m
RT: 11.537 min Scan# 1438
Delta R.T. 0.026 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

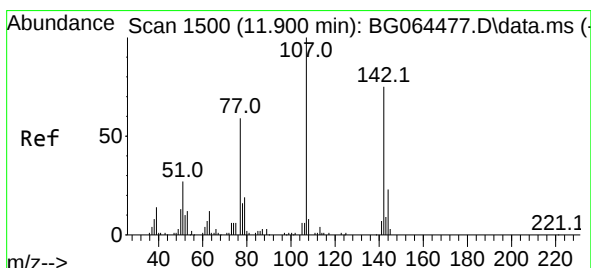
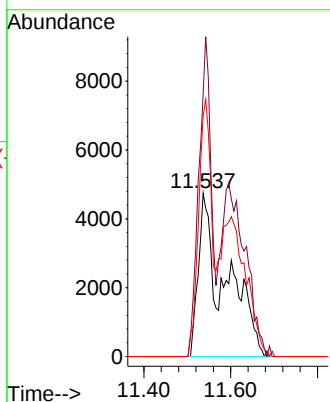
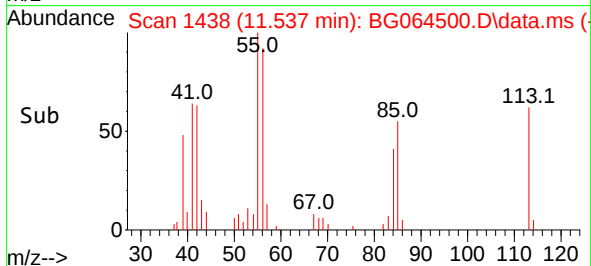
Instrument :
BNA_G
ClientSampleId :
PB170080BS



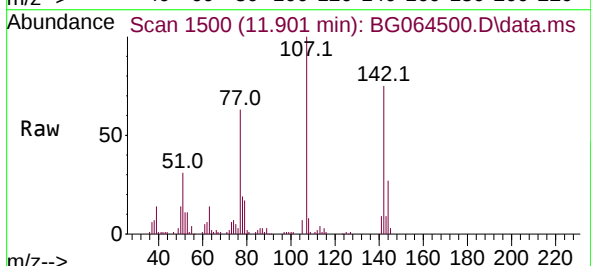
Tgt Ion:113 Resp: 20276
Ion Ratio Lower Upper
113 100
55 160.6 162.0 202.0
56 147.3 134.6 174.6

Manual Integrations
APPROVED

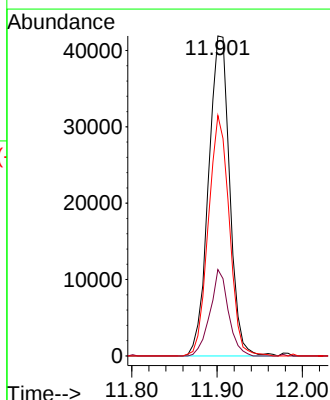
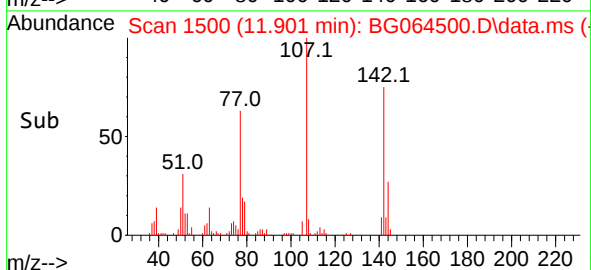
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

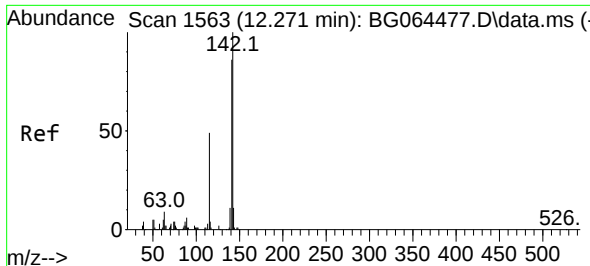


#36
4-Chloro-3-methylphenol
Concen: 49.128 ng
RT: 11.901 min Scan# 1500
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:107 Resp: 72117
Ion Ratio Lower Upper
107 100
144 27.0 18.7 28.1
142 75.1 60.2 90.2





#37
2-Methylnaphthalene
Concen: 42.884 ng
RT: 12.271 min Scan# 1563
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

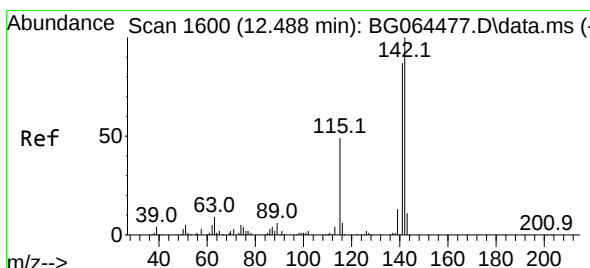
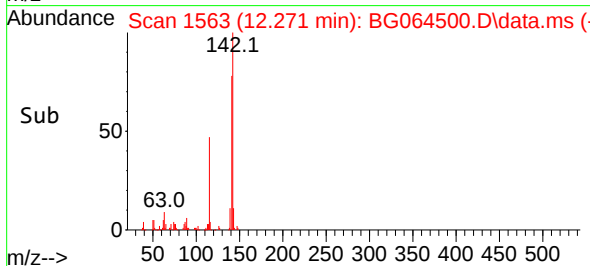
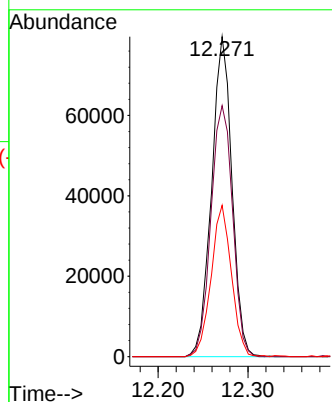
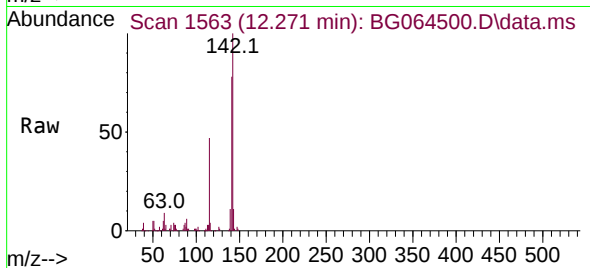
PB170080BS

Tgt Ion:142 Resp: 125512
Ion Ratio Lower Upper
142 100
141 78.4 68.7 103.1
115 47.3 39.3 58.9

Manual Integrations

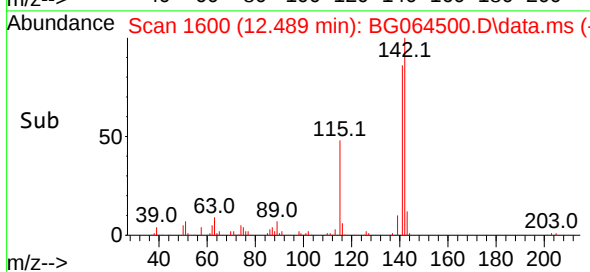
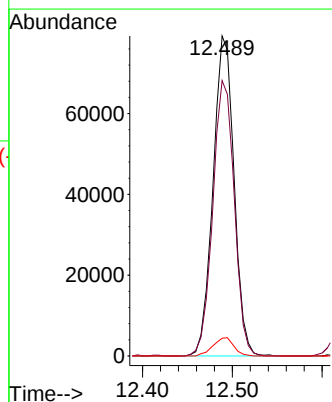
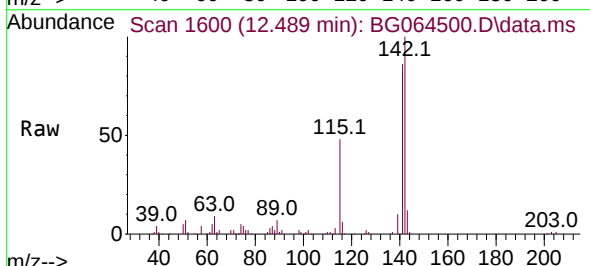
APPROVED

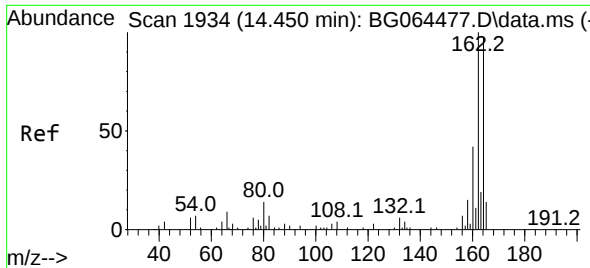
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#38
1-Methylnaphthalene
Concen: 44.117 ng
RT: 12.489 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:142 Resp: 128751
Ion Ratio Lower Upper
142 100
141 86.0 69.8 104.8
116 5.5 4.6 6.8





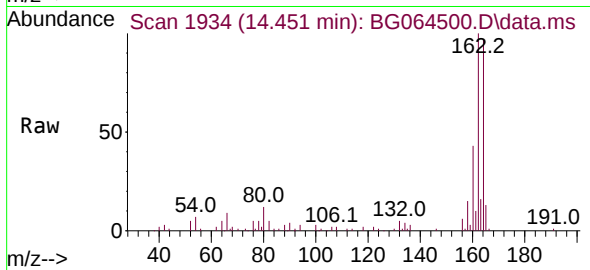
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

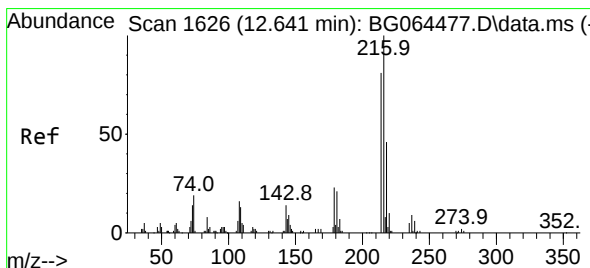
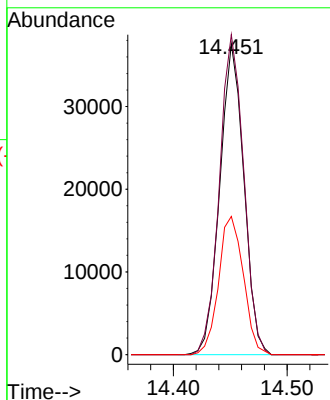
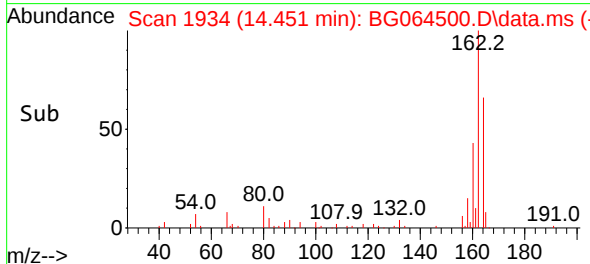


Tgt Ion:164 Resp: 55179
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 44.5 34.3 51.5

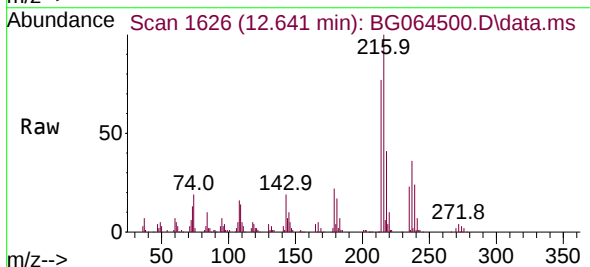
Manual Integrations

APPROVED

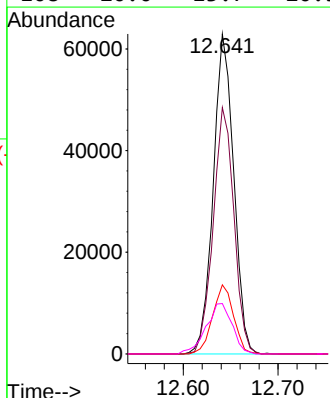
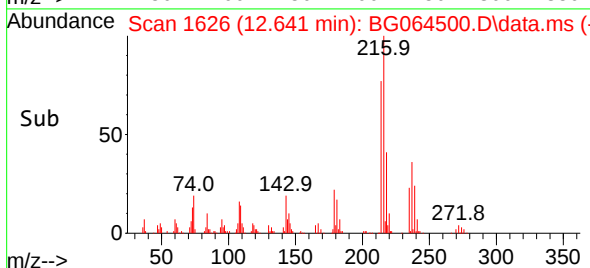
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

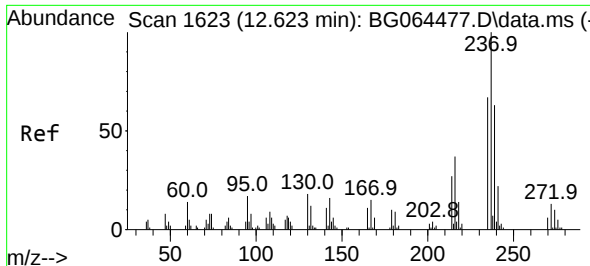


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.928 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



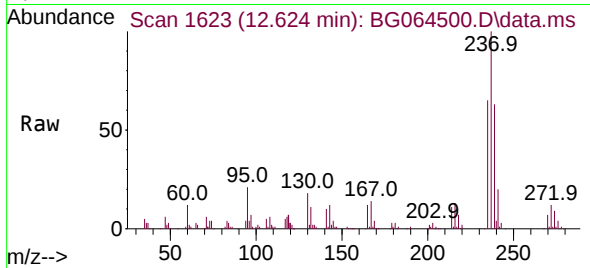
Tgt Ion:216 Resp: 94299
Ion Ratio Lower Upper
216 100
214 78.1 62.5 93.7
179 22.1 17.0 25.6
108 20.0 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 147.638 ng
RT: 12.624 min Scan# 1623
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

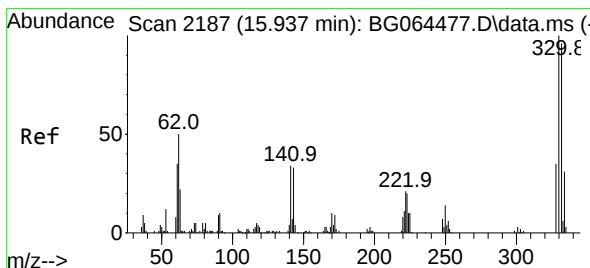
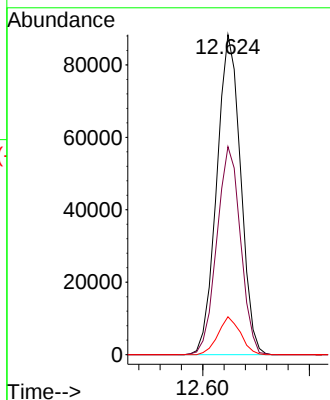
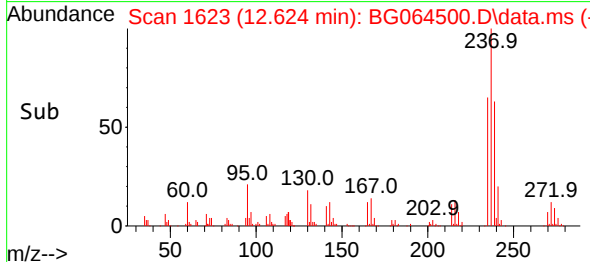
Instrument :
BNA_G
ClientSampleId :
PB170080BS



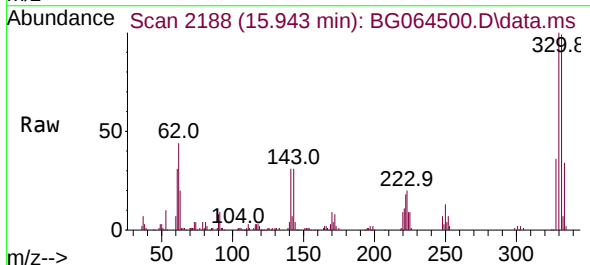
Tgt Ion:237 Resp: 137592
Ion Ratio Lower Upper
237 100
235 65.0 46.9 86.9
272 11.8 0.0 32.6

Manual Integrations
APPROVED

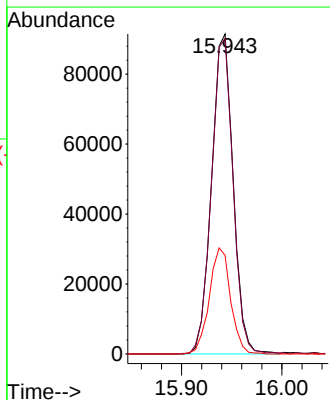
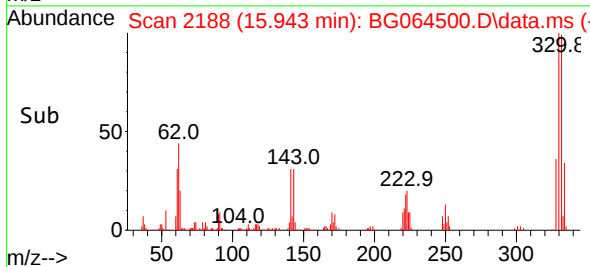
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

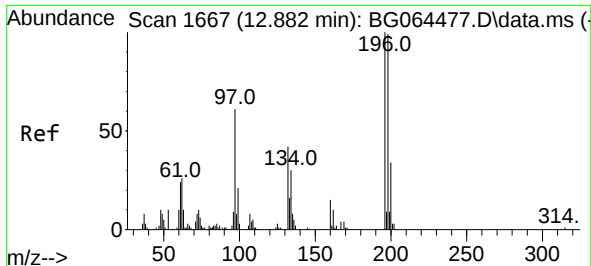


#42
2,4,6-Tribromophenol
Concen: 136.355 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:330 Resp: 136382
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 32.7 25.8 38.6





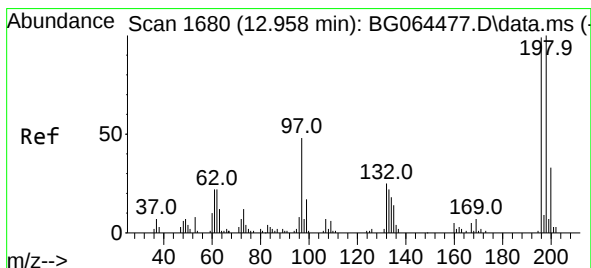
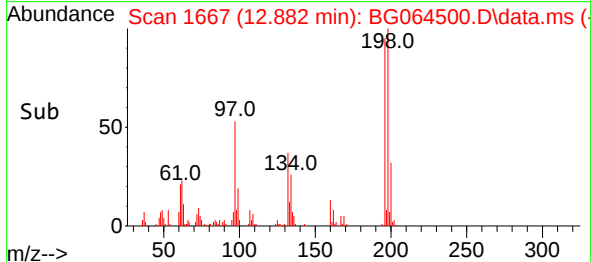
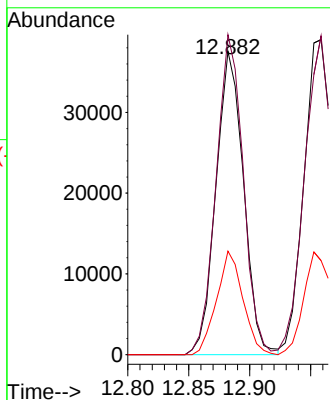
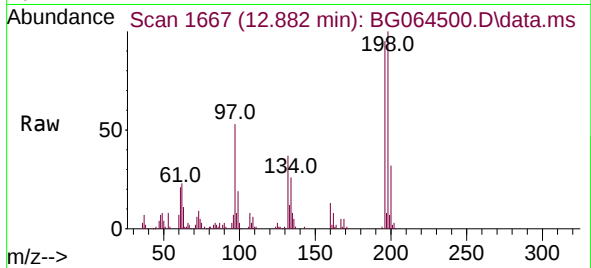
#43
2,4,6-Trichlorophenol
Concen: 51.854 ng
RT: 12.882 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :
BNA_G
ClientSampleId :
PB170080BS

Tgt Ion:196 Resp: 59058
Ion Ratio Lower Upper
196 100
198 105.5 79.3 118.9
200 34.1 27.4 41.2

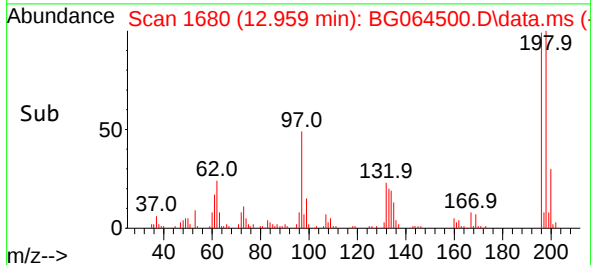
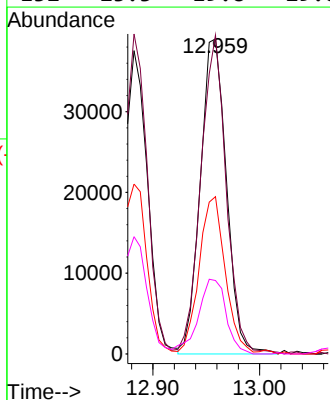
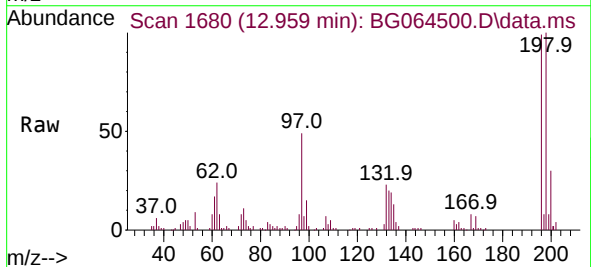
Manual Integrations
APPROVED

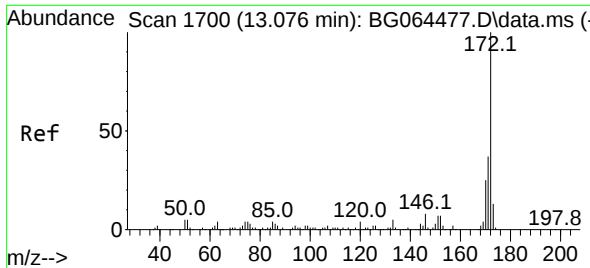
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 52.235 ng
RT: 12.959 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:196 Resp: 66418
Ion Ratio Lower Upper
196 100
198 101.2 80.3 120.5
97 49.9 39.4 59.0
132 23.3 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 86.974 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

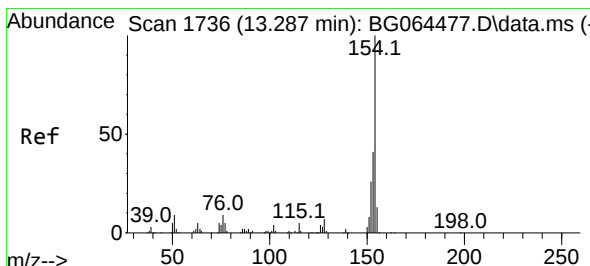
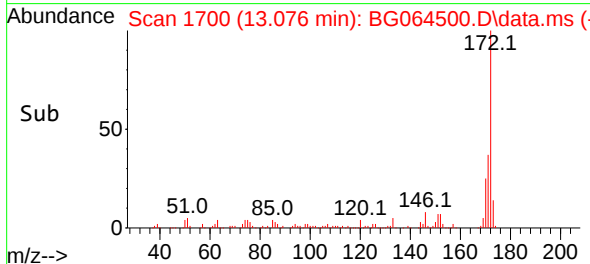
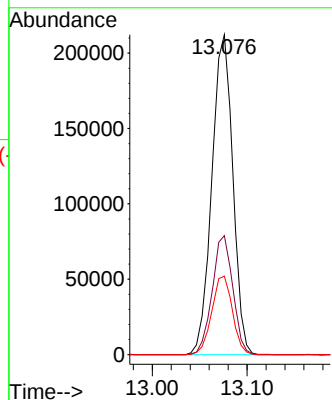
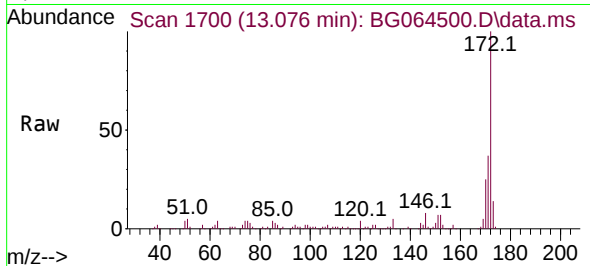
PB170080BS

Tgt Ion:172 Resp: 325586
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.5 20.2 30.2

Manual Integrations

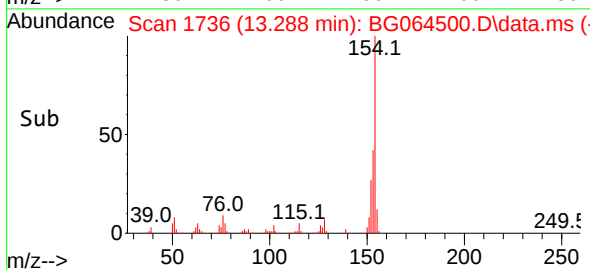
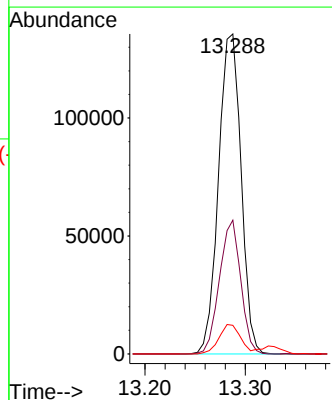
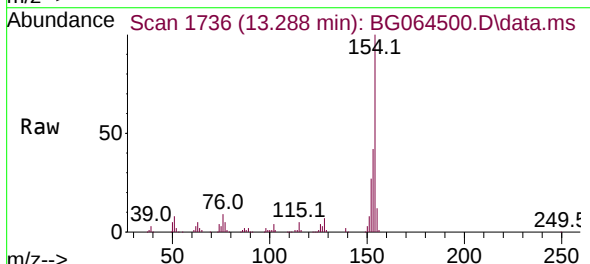
APPROVED

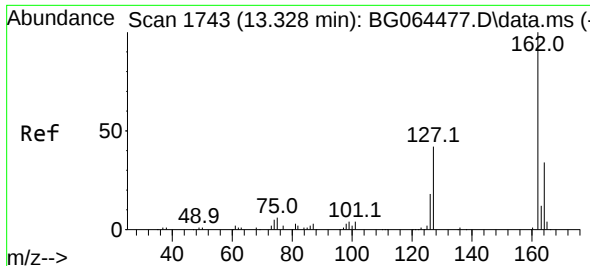
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#46
1,1'-Biphenyl
Concen: 53.419 ng
RT: 13.288 min Scan# 1736
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

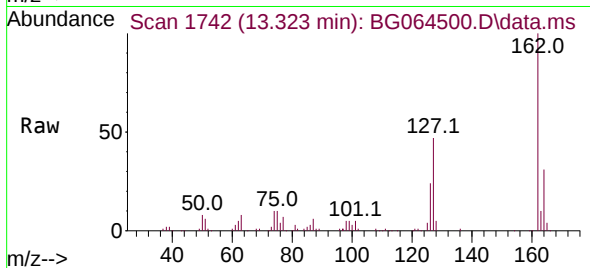
Tgt Ion:154 Resp: 212003
Ion Ratio Lower Upper
154 100
153 41.8 20.7 60.7
76 8.9 0.0 29.3





#47
2-Chloronaphthalene
Concen: 47.456 ng
RT: 13.323 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

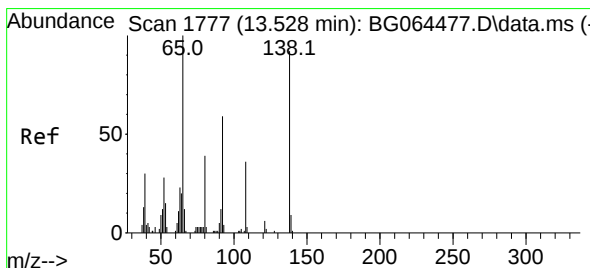
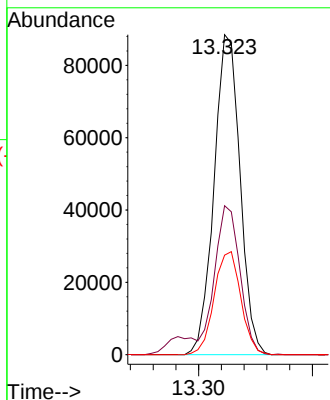
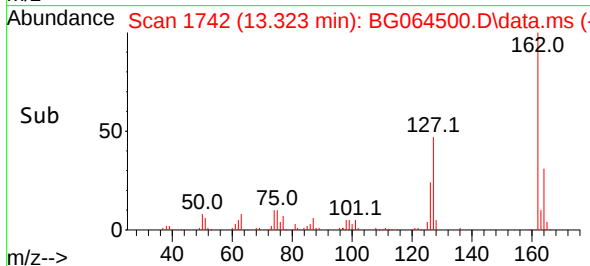
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:162 Resp: 140615
Ion Ratio Lower Upper
162 100
127 46.5 35.8 53.8
164 31.1 27.2 40.8

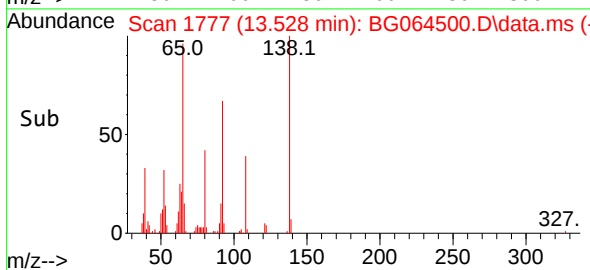
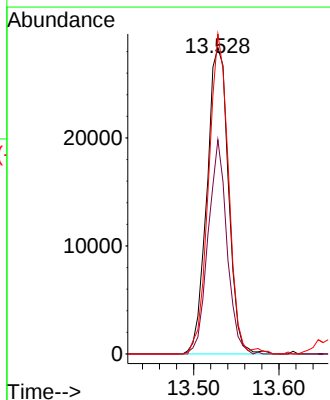
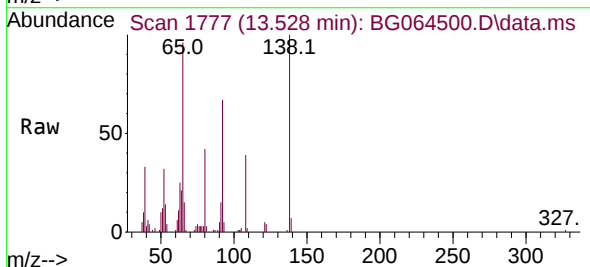
Manual Integrations
APPROVED

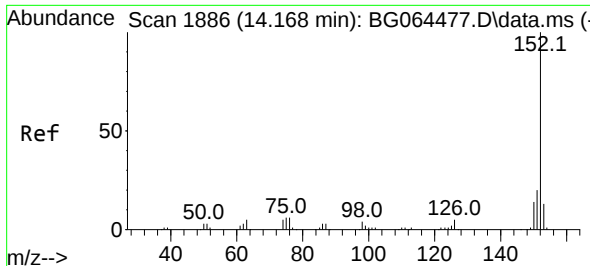
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#48
2-Nitroaniline
Concen: 49.102 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion: 65 Resp: 49657
Ion Ratio Lower Upper
65 100
92 69.9 47.0 70.6
138 104.5 73.5 110.3





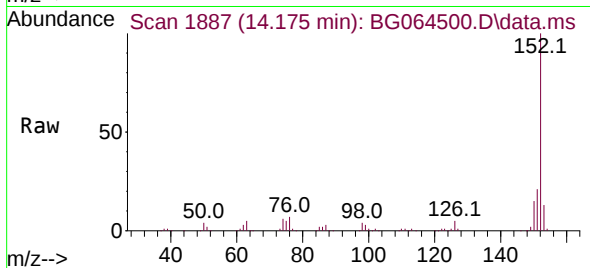
#49
Acenaphthylene
Concen: 55.177 ng
RT: 14.175 min Scan# 1887
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

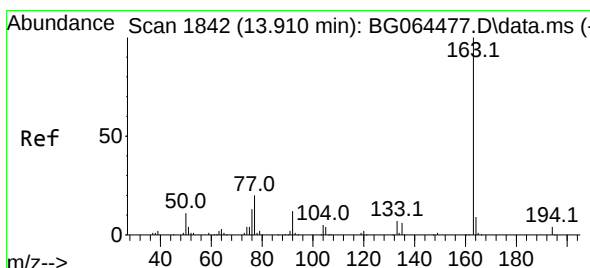
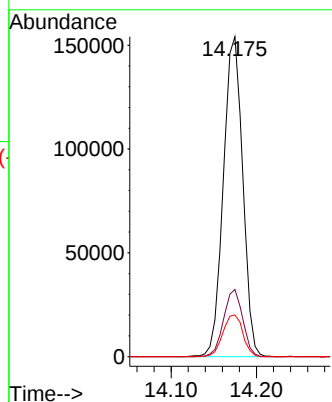
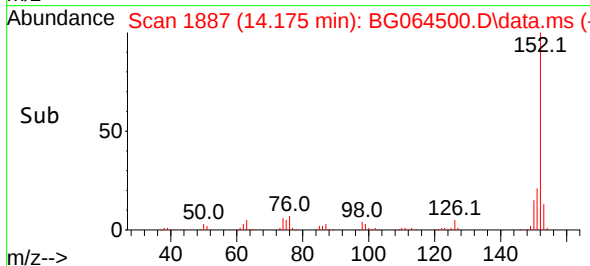


Tgt Ion:152 Resp: 242700
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 13.0 10.6 15.8

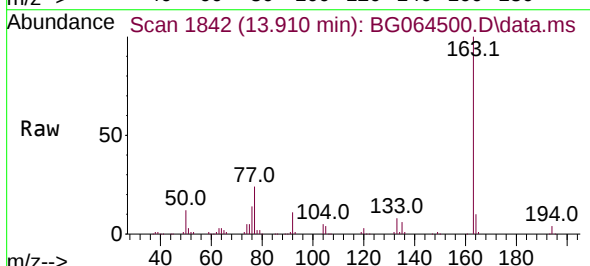
Manual Integrations

APPROVED

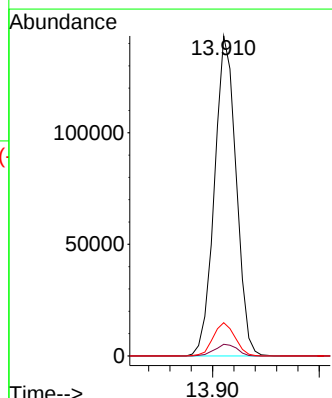
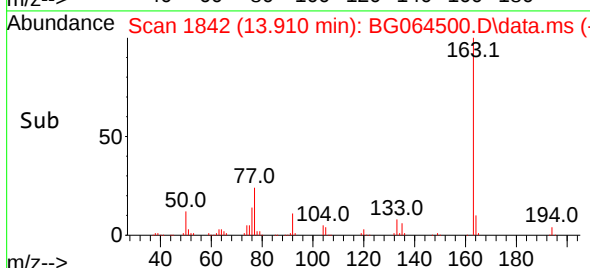
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

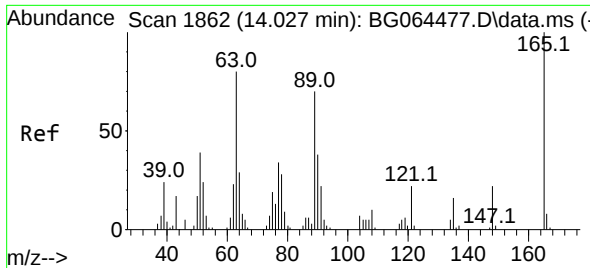


#50
Dimethylphthalate
Concen: 46.845 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



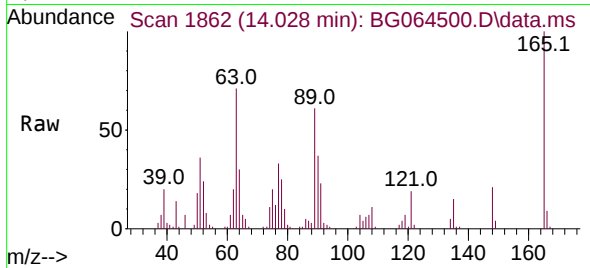
Tgt Ion:163 Resp: 202447
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.4 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 49.591 ng
RT: 14.028 min Scan# 1862
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

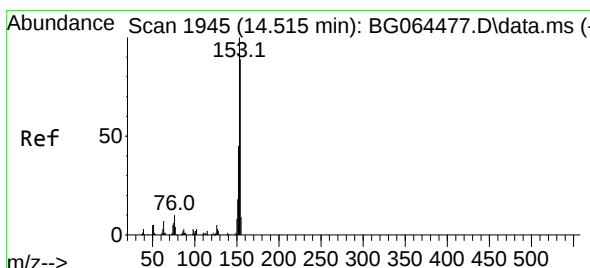
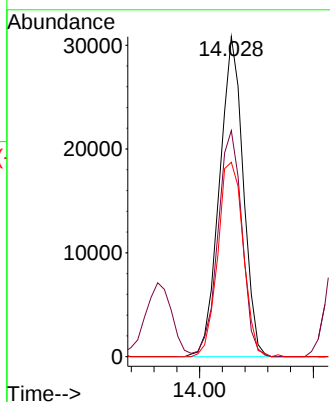
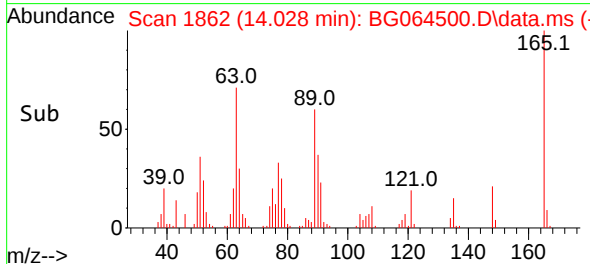
Instrument :
BNA_G
ClientSampleId :
PB170080BS



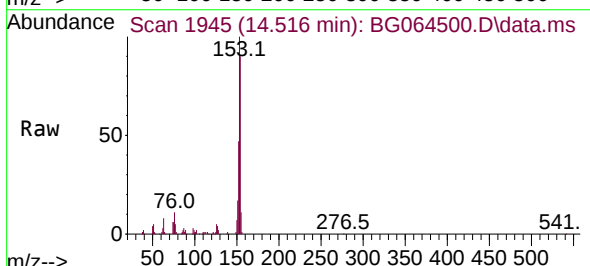
Tgt Ion:165 Resp: 44644
Ion Ratio Lower Upper
165 100
63 70.6 63.9 95.9
89 60.7 56.1 84.1

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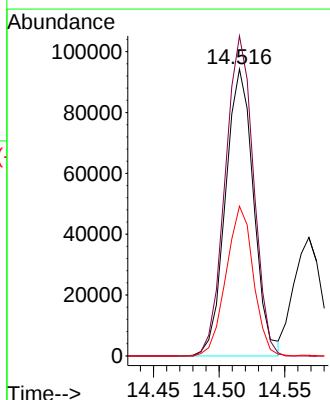
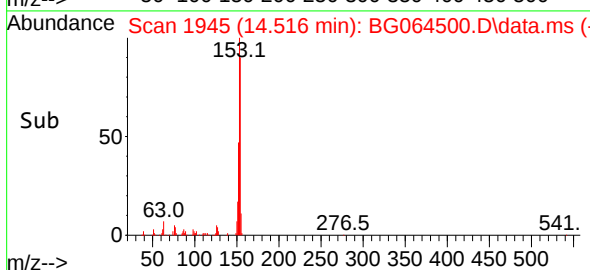
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

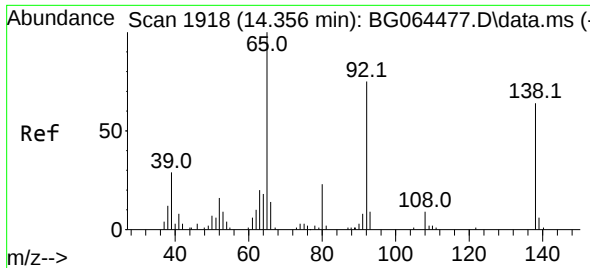


#52
Acenaphthene
Concen: 46.088 ng
RT: 14.516 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:154 Resp: 140842
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.4
152 52.2 40.2 60.4





#53
3-Nitroaniline
Concen: 25.158 ng
RT: 14.357 min Scan# 1918
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

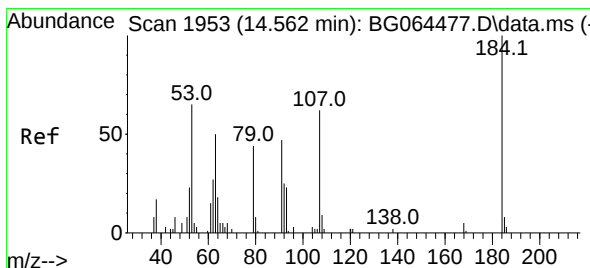
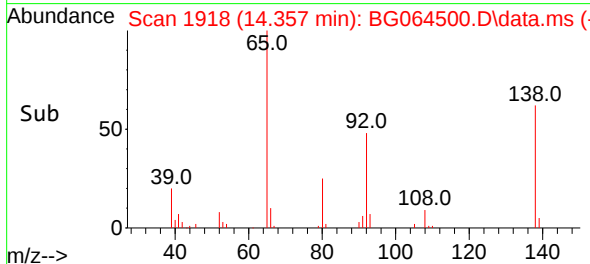
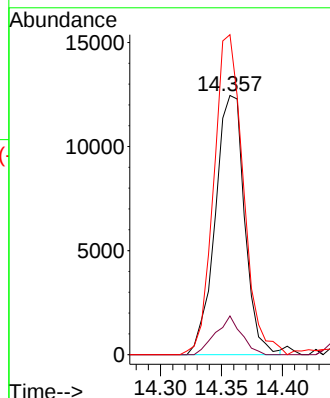
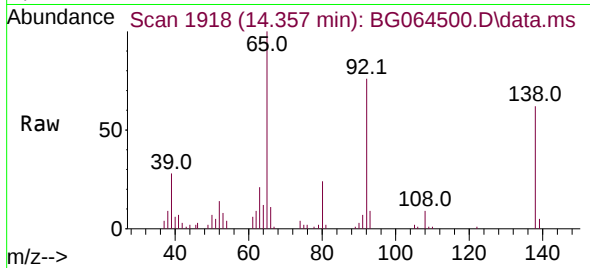
ClientSampleId :

PB170080BS

Tgt Ion:138 Resp: 2088
Ion Ratio Lower Upper
138 100
108 14.9 10.6 15.8
92 123.5 93.2 139.8

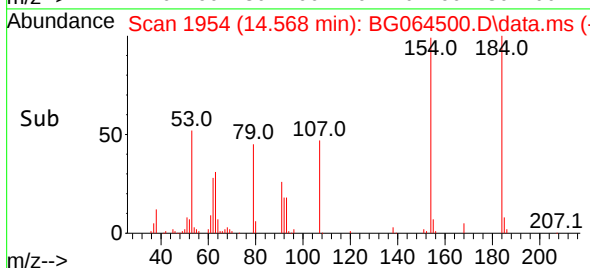
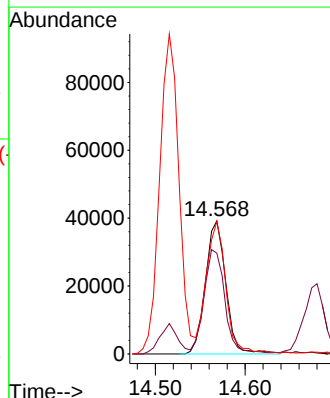
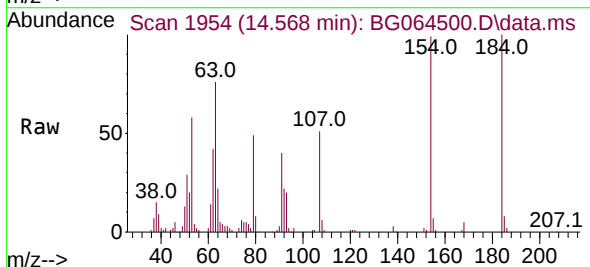
Manual Integrations
APPROVED

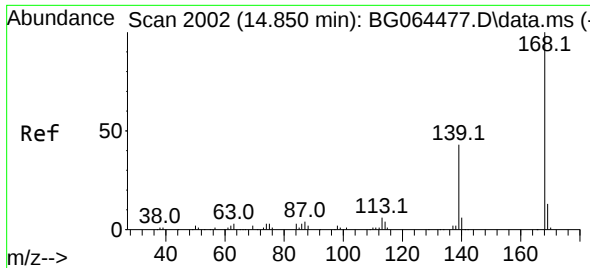
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#54
2,4-Dinitrophenol
Concen: 94.903 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

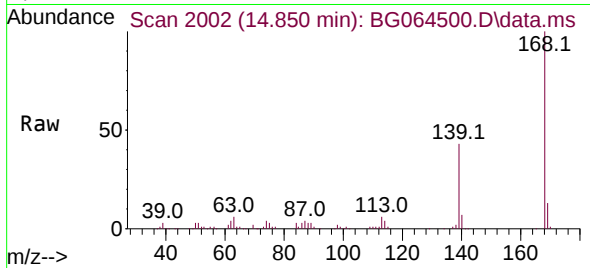
Tgt Ion:184 Resp: 61951
Ion Ratio Lower Upper
184 100
63 75.7 69.0 103.4
154 99.3 95.6 143.4





#55
Dibenzenofuran
Concen: 47.503 ng
RT: 14.850 min Scan# 2002
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

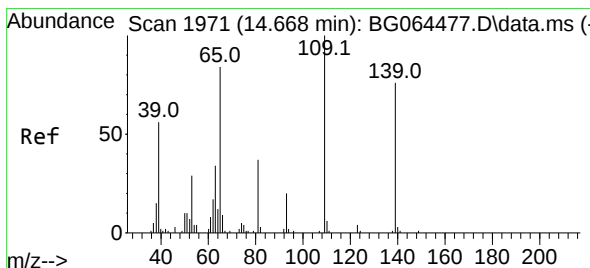
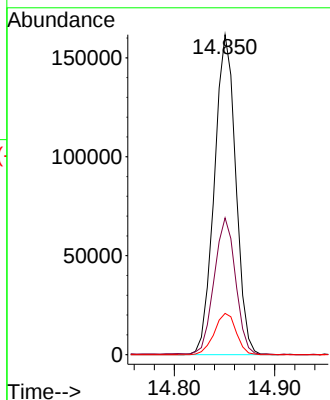
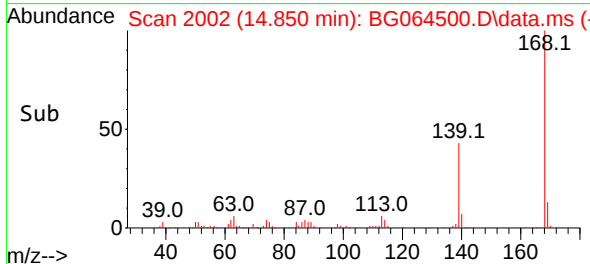
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:168 Resp: 239690
Ion Ratio Lower Upper
168 100
139 42.7 34.0 51.0
169 12.9 10.2 15.2

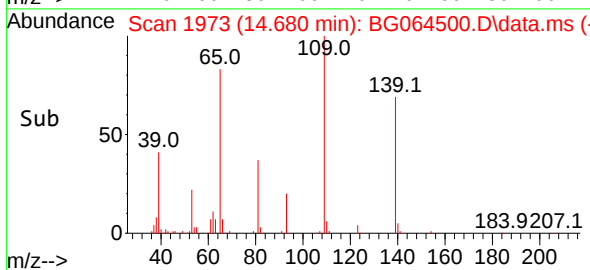
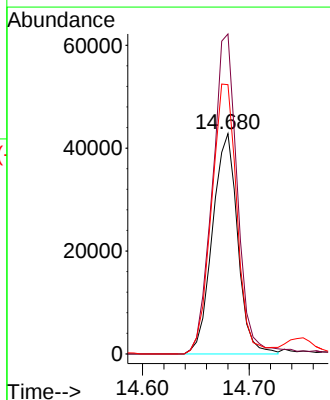
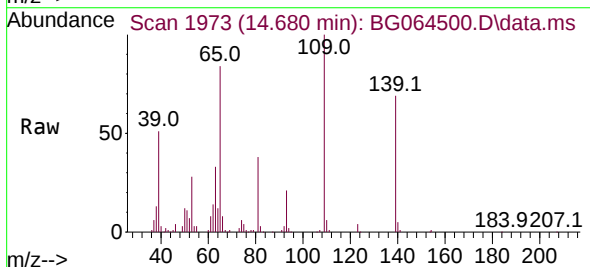
Manual Integrations
APPROVED

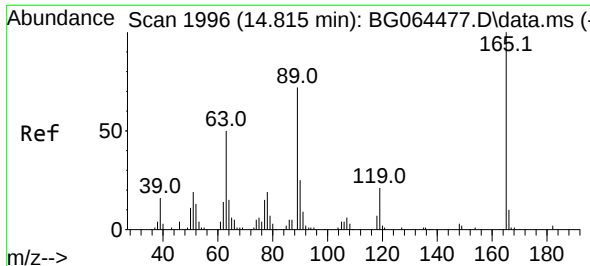
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#56
4-Nitrophenol
Concen: 107.450 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.015 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:139 Resp: 70237
Ion Ratio Lower Upper
139 100
109 145.3 111.8 151.8
65 122.2 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 49.218 ng
RT: 14.815 min Scan# 1996
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

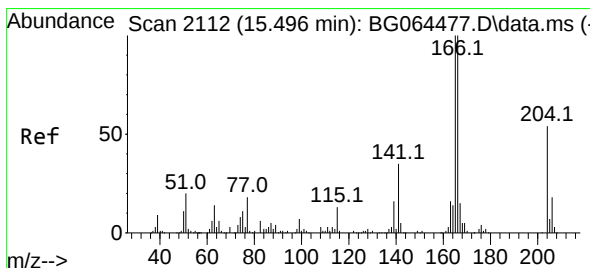
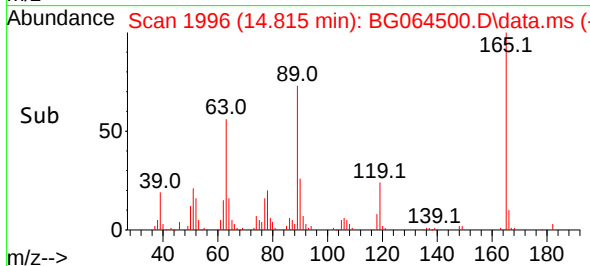
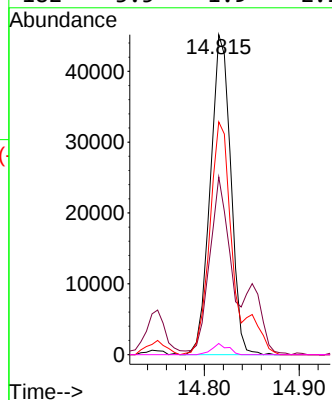
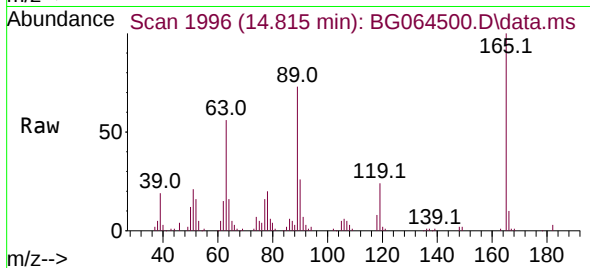
PB170080BS

Tgt Ion:165 Resp: 67734
Ion Ratio Lower Upper
165 100
63 55.5 40.4 60.6
89 72.7 57.3 85.9
182 3.5 1.9 2.9#

Manual Integrations

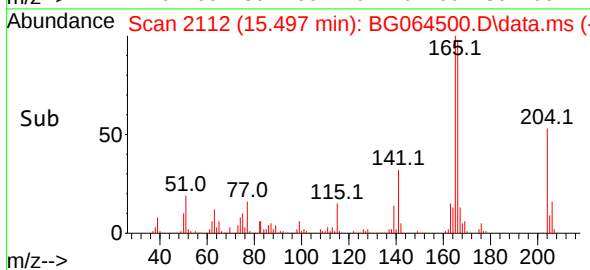
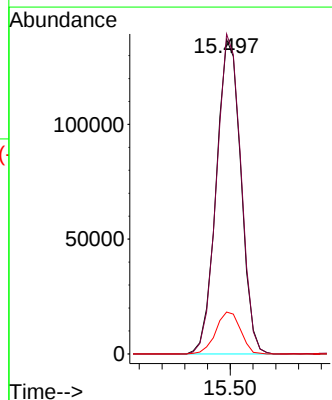
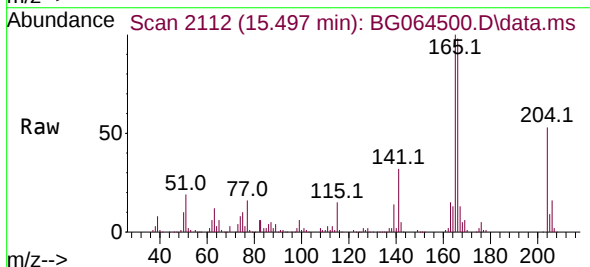
APPROVED

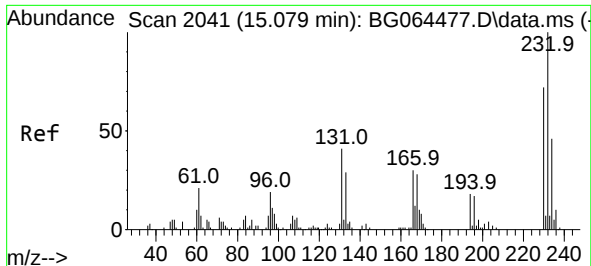
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#58
Fluorene
Concen: 49.018 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:166 Resp: 205619
Ion Ratio Lower Upper
166 100
165 101.8 79.8 119.6
167 13.3 11.7 17.5





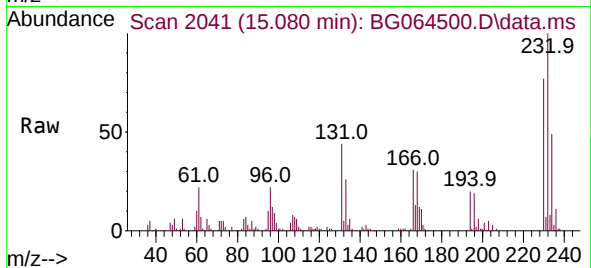
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.936 ng
RT: 15.080 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

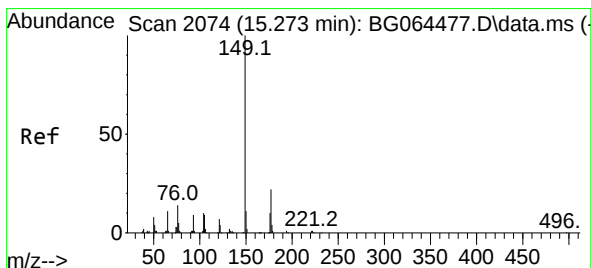
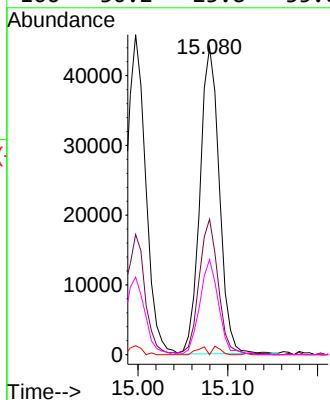
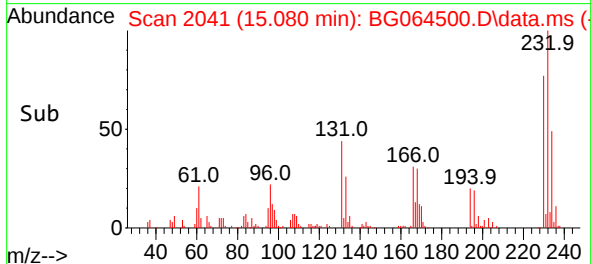


Tgt Ion:232 Resp: 66097
Ion Ratio Lower Upper
232 100
131 43.6 35.0 52.4
130 1.1 2.0 3.0
166 30.2 23.8 35.6

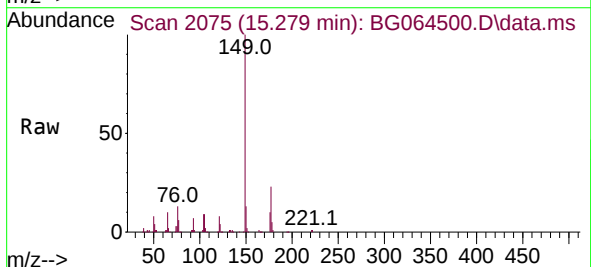
Manual Integrations

APPROVED

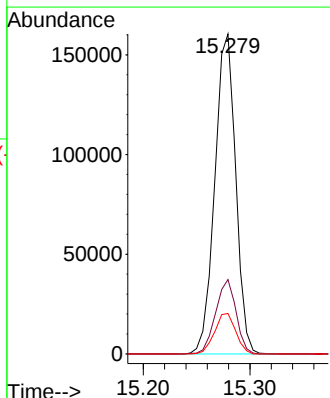
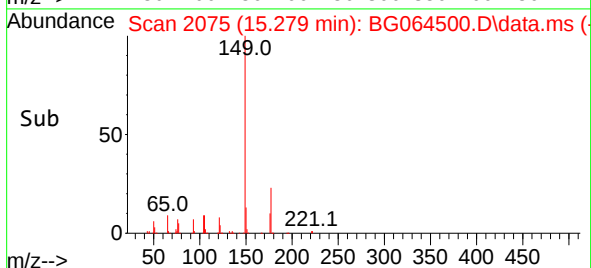
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

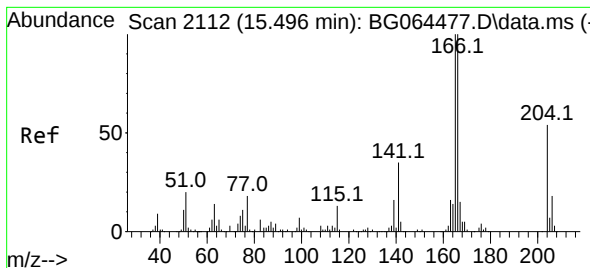


#60
Diethylphthalate
Concen: 47.148 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:149 Resp: 218582
Ion Ratio Lower Upper
149 100
177 23.2 17.4 26.0
150 12.6 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 47.375 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

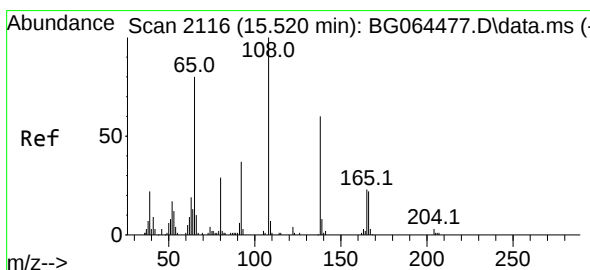
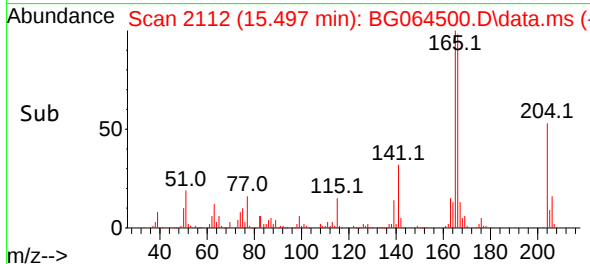
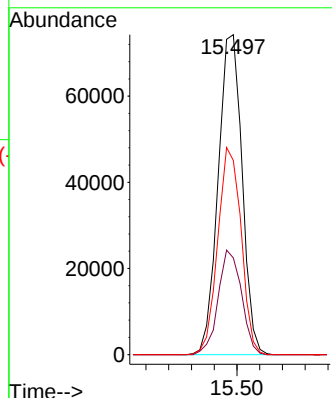
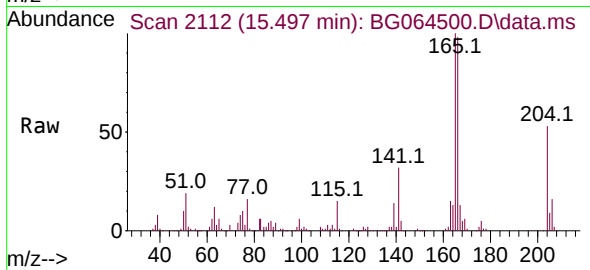
PB170080BS

Tgt Ion:204 Resp: 108493
Ion Ratio Lower Upper
204 100
206 30.2 27.1 40.7
141 60.7 51.5 77.3

Manual Integrations

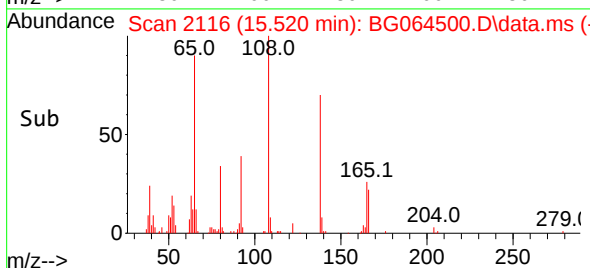
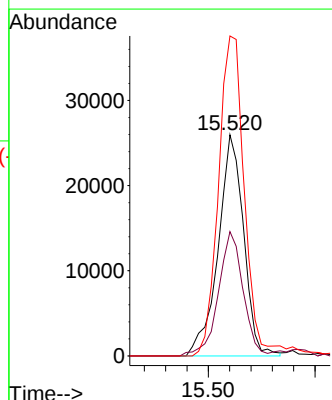
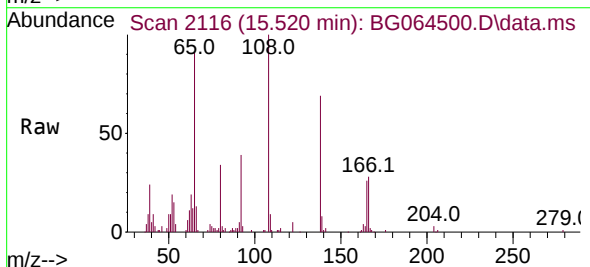
APPROVED

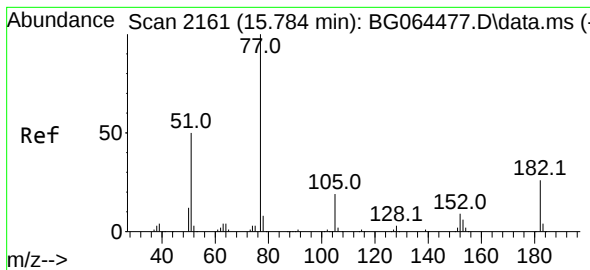
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#62
4-Nitroaniline
Concen: 49.730 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

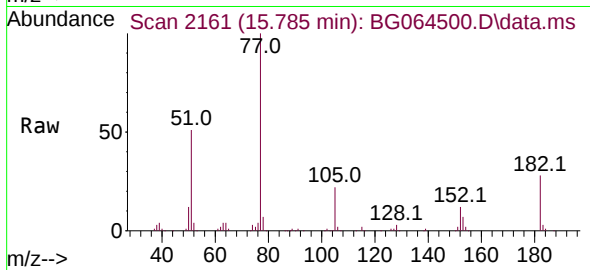
Tgt Ion:138 Resp: 43033
Ion Ratio Lower Upper
138 100
92 56.2 42.3 82.3
108 144.8 147.7 187.7#





#63
Azobenzene
Concen: 47.954 ng
RT: 15.785 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

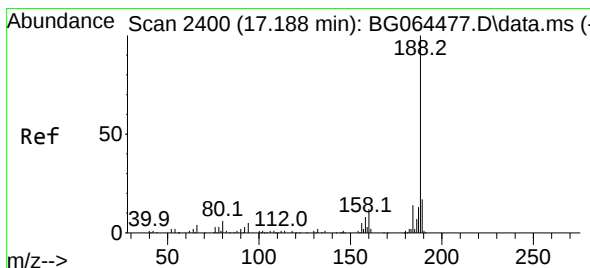
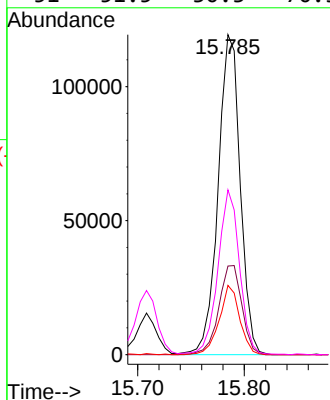
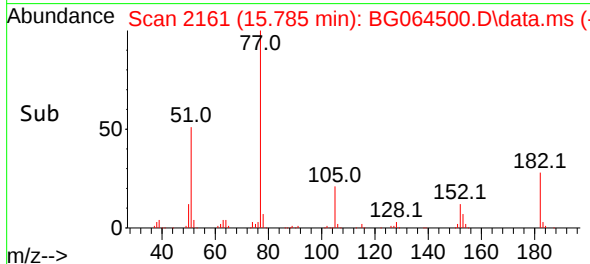
Instrument :
BNA_G
ClientSampleId :
PB170080BS



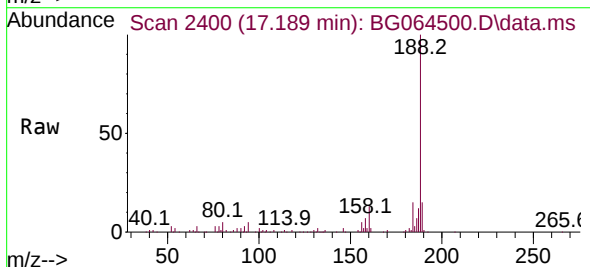
Tgt Ion: 77 Resp: 172174
Ion Ratio Lower Upper
77 100
182 27.7 6.3 46.3
105 21.6 0.0 38.7
51 51.5 30.3 70.3

Manual Integrations
APPROVED

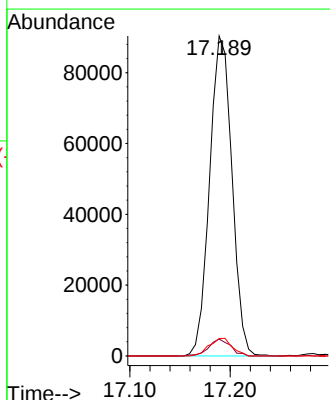
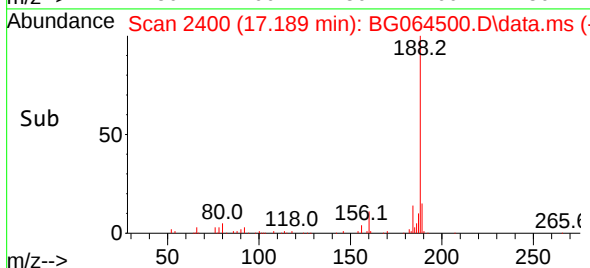
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

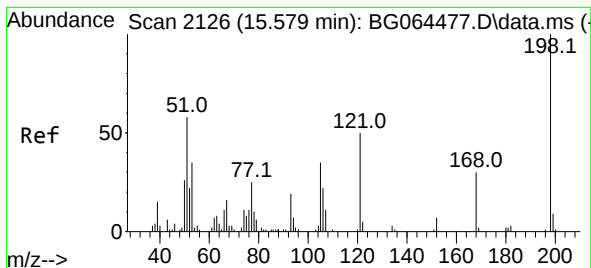


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



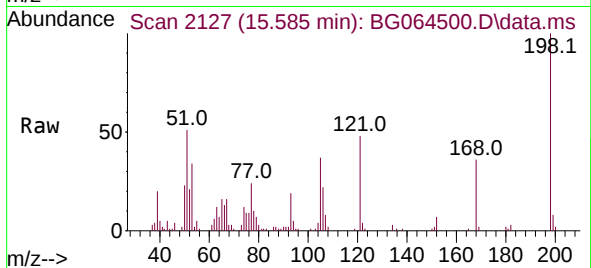
Tgt Ion:188 Resp: 139952
Ion Ratio Lower Upper
188 100
94 5.3 3.7 5.5
80 5.5 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 49.058 ng
RT: 15.585 min Scan# 2126
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

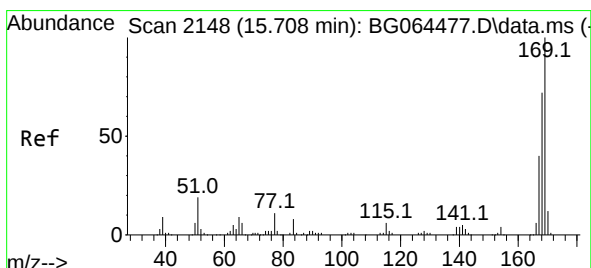
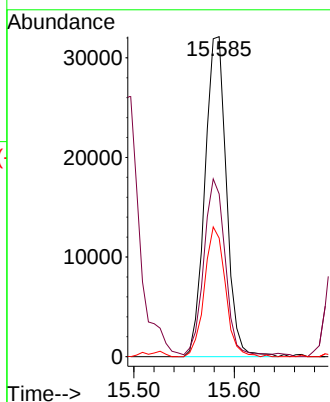
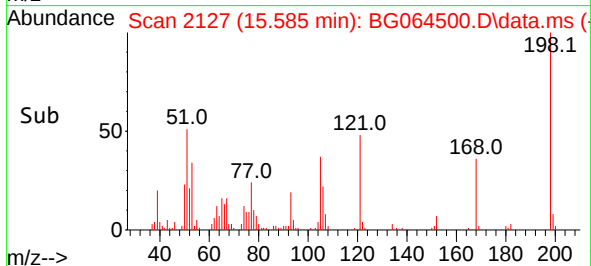
Instrument :
BNA_G
ClientSampleId :
PB170080BS



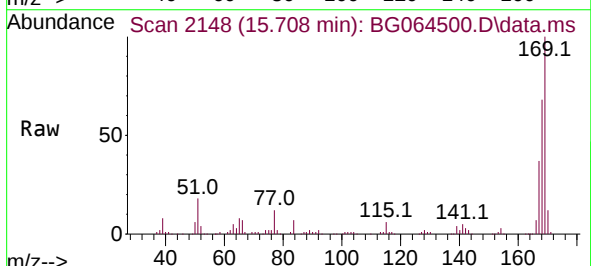
Tgt Ion:198 Resp: 47804
Ion Ratio Lower Upper
198 100
51 50.8 39.0 79.0
105 37.0 15.8 55.8

Manual Integrations
APPROVED

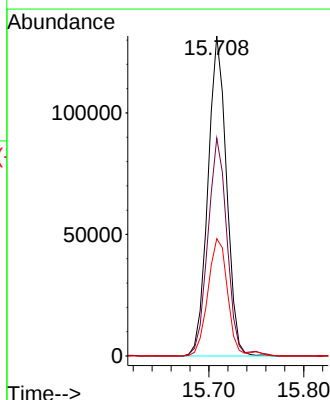
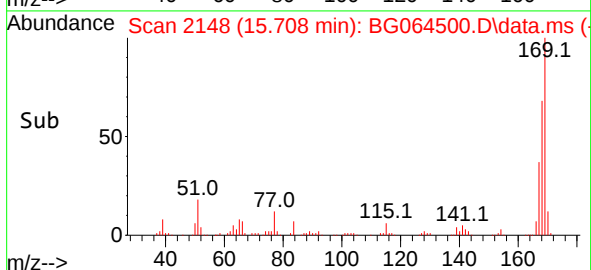
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

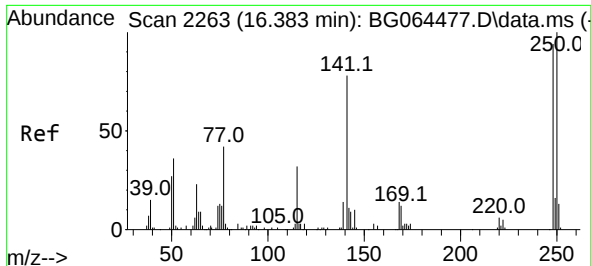


#66
n-Nitrosodiphenylamine
Concen: 47.934 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:169 Resp: 179143
Ion Ratio Lower Upper
169 100
168 68.1 57.8 86.6
167 36.6 31.7 47.5





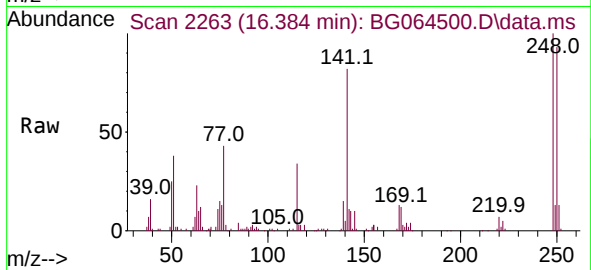
#67
4-Bromophenyl-phenylether
Concen: 46.545 ng
RT: 16.384 min Scan# 2263
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

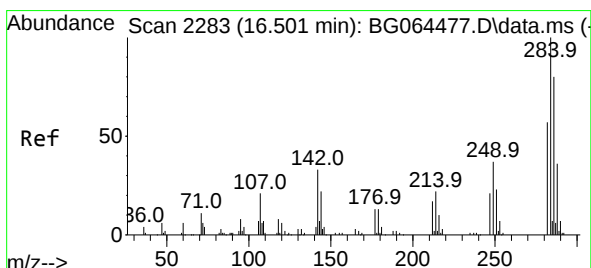
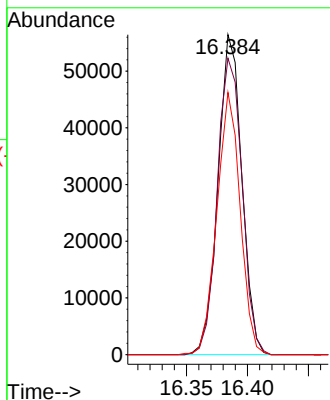
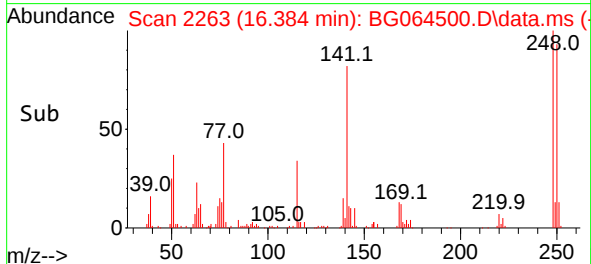


Tgt Ion:248 Resp: 7665
Ion Ratio Lower Upper
248 100
250 92.6 85.3 127.9
141 81.9 66.2 99.2

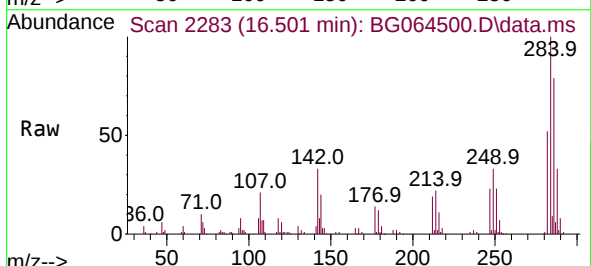
Manual Integrations

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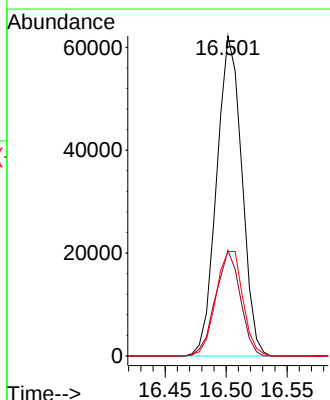
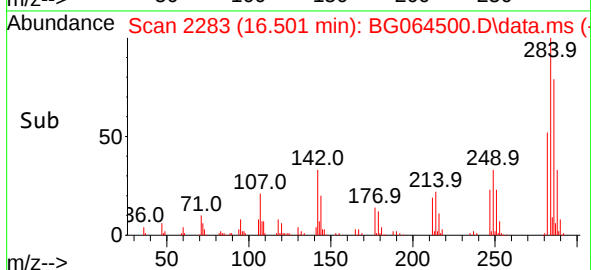
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

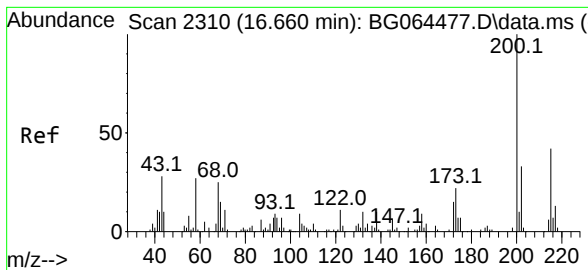


#68
Hexachlorobenzene
Concen: 47.420 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



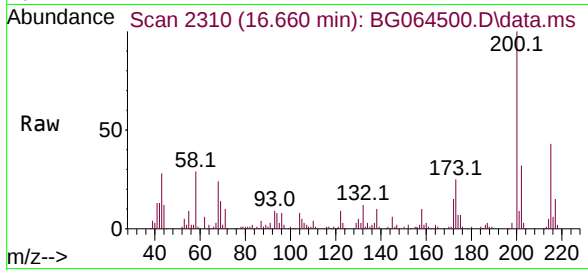
Tgt Ion:284 Resp: 89365
Ion Ratio Lower Upper
284 100
142 33.0 26.2 39.2
249 32.6 29.4 44.0





#69
 Atrazine
 Concen: 53.447 ng
 RT: 16.660 min Scan# 2310
 Delta R.T. 0.009 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38

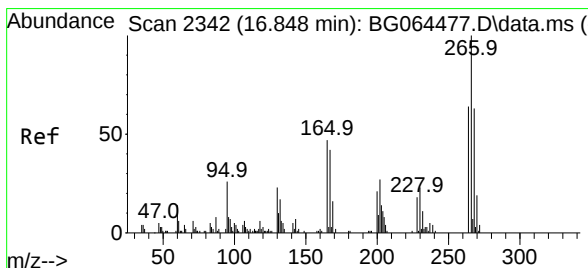
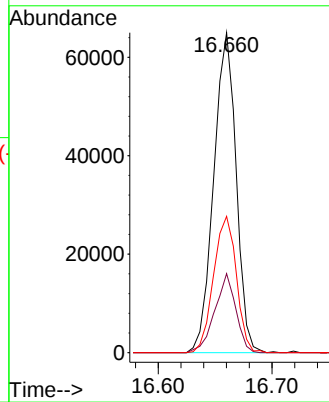
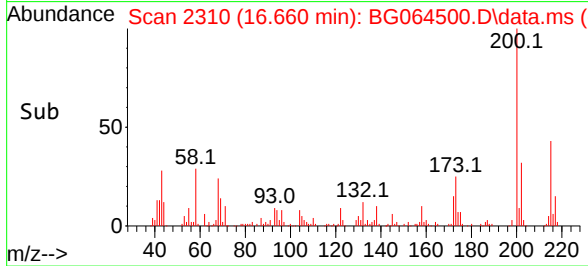
Instrument :
 BNA_G
 ClientSampleId :
 PB170080BS



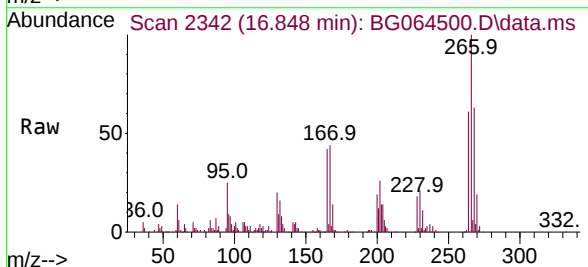
Tgt Ion:200 Resp: 88868
 Ion Ratio Lower Upper
 200 100
 173 24.7 2.5 42.5
 215 42.6 21.5 61.5

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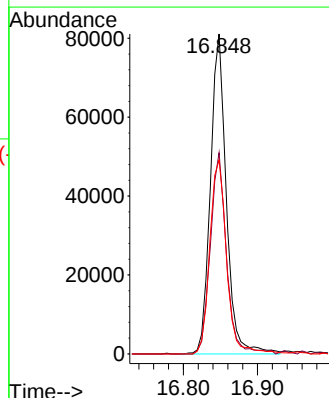
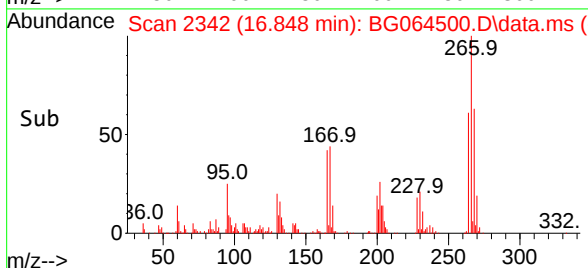
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

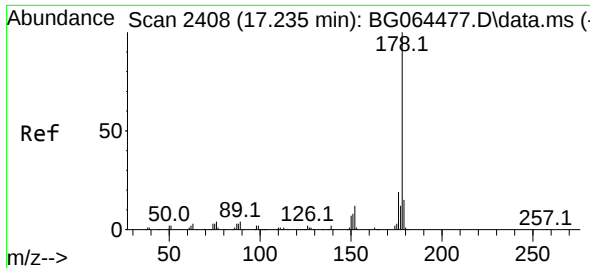


#70
 Pentachlorophenol
 Concen: 109.663 ng
 RT: 16.848 min Scan# 2342
 Delta R.T. 0.003 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38



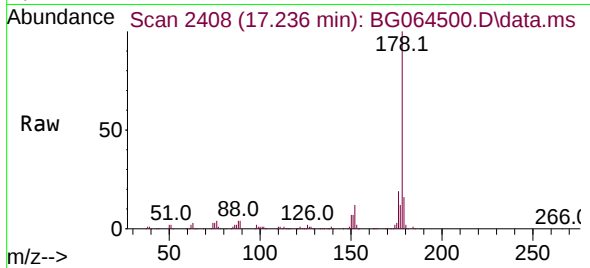
Tgt Ion:266 Resp: 120834
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.6 75.8
 264 60.6 51.2 76.8





#71
Phenanthrene
Concen: 47.445 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

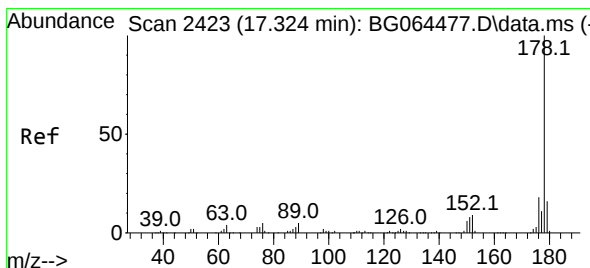
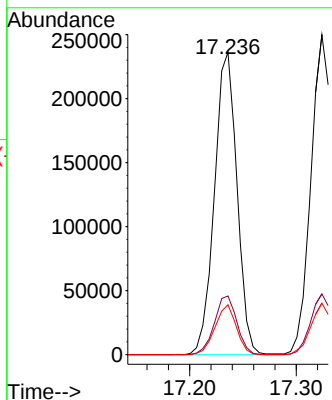
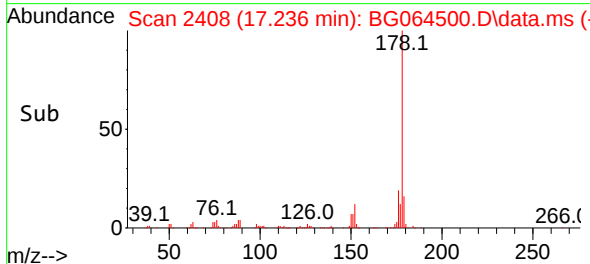
Instrument :
BNA_G
ClientSampleId :
PB170080BS



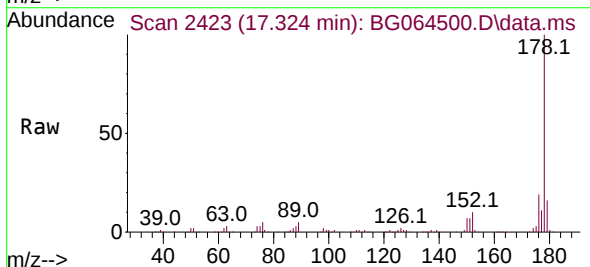
Tgt Ion:178 Resp: 347244
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 16.5 11.8 17.6

Manual Integrations
APPROVED

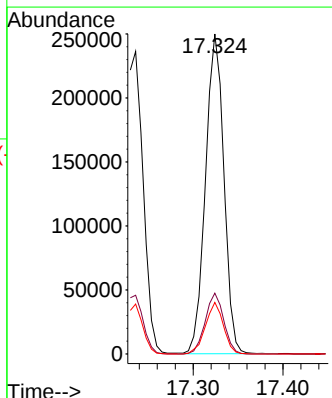
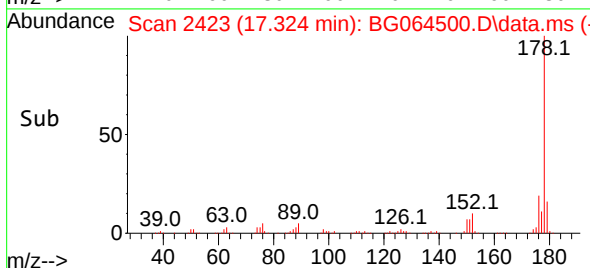
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

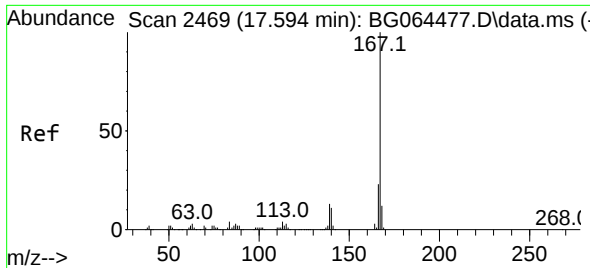


#72
Anthracene
Concen: 48.639 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



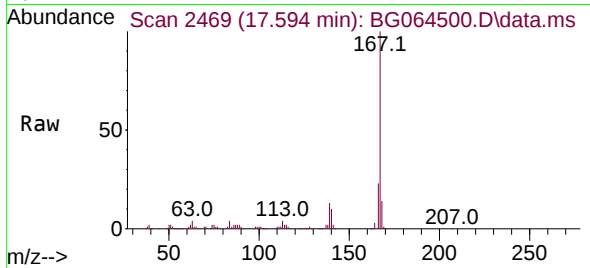
Tgt Ion:178 Resp: 357128
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 52.431 ng
 RT: 17.594 min Scan# 2469
 Delta R.T. 0.003 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38

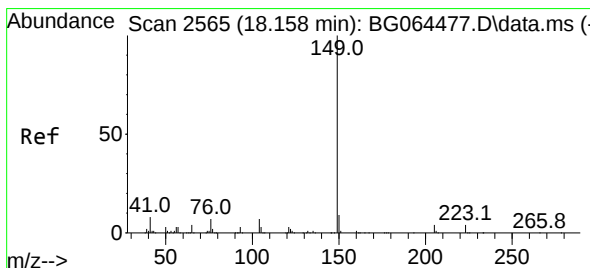
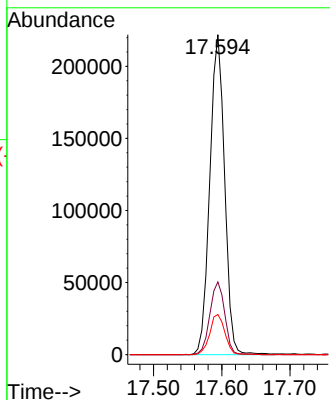
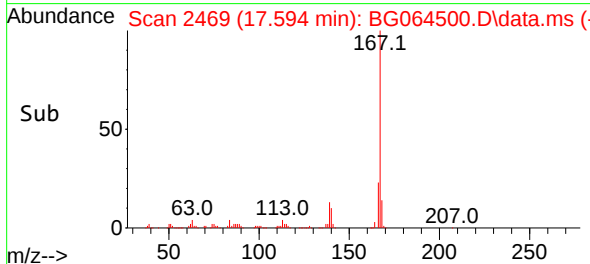
Instrument :
 BNA_G
 ClientSampleId :
 PB170080BS



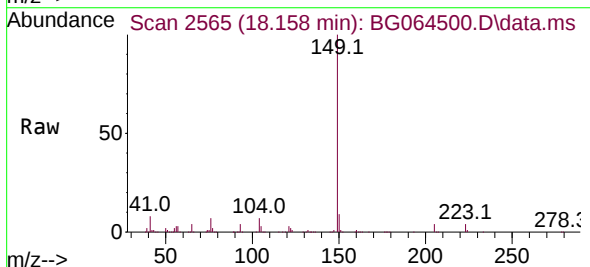
Tgt Ion:167 Resp: 332755
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.6 27.8
 139 12.5 10.2 15.4

Manual Integrations
 APPROVED

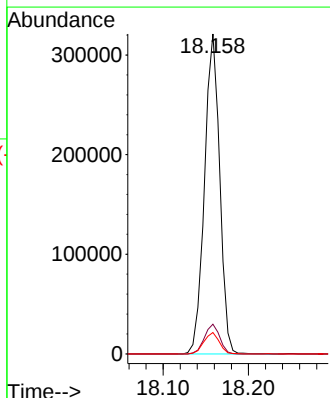
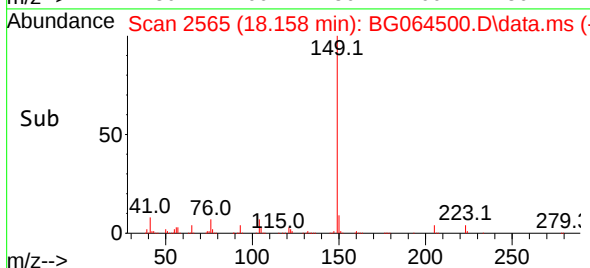
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

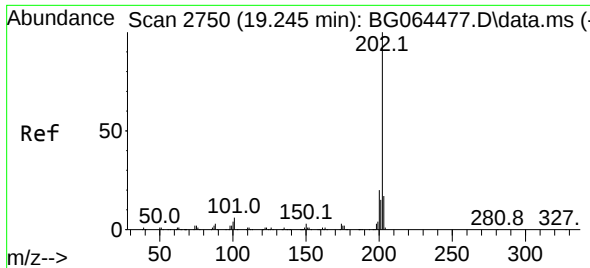


#74
 Di-n-butylphthalate
 Concen: 51.261 ng
 RT: 18.158 min Scan# 2565
 Delta R.T. 0.003 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38



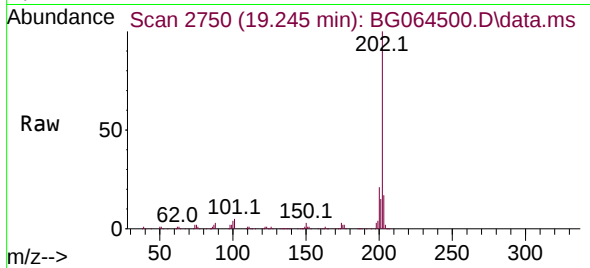
Tgt Ion:149 Resp: 397141
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.7 5.3 7.9





#75
Fluoranthene
Concen: 51.721 ng
RT: 19.245 min Scan# 2750
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

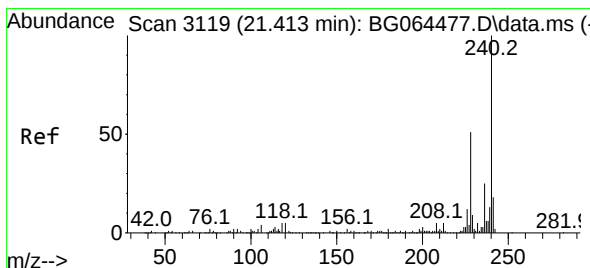
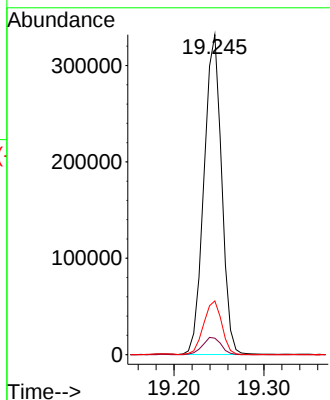
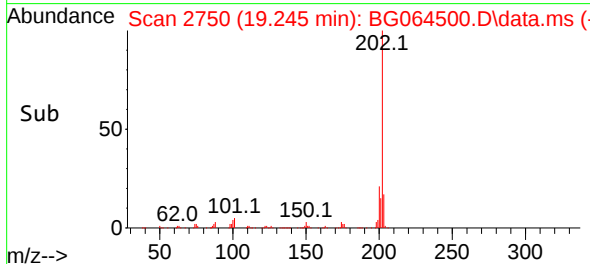
Instrument :
BNA_G
ClientSampleId :
PB170080BS



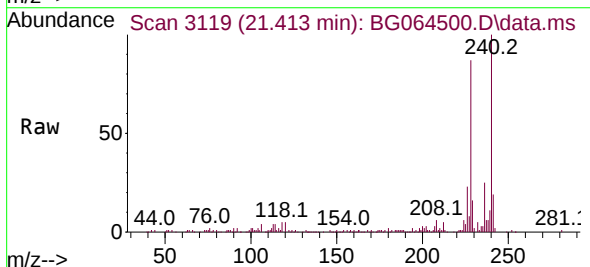
Tgt Ion:202 Resp: 452222
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.7
203 16.8 0.0 36.6

Manual Integrations
APPROVED

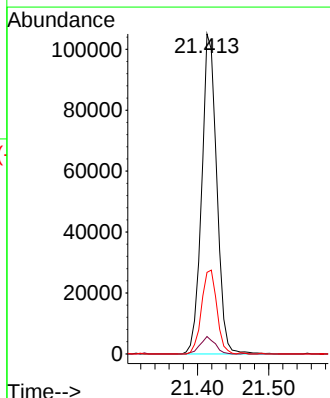
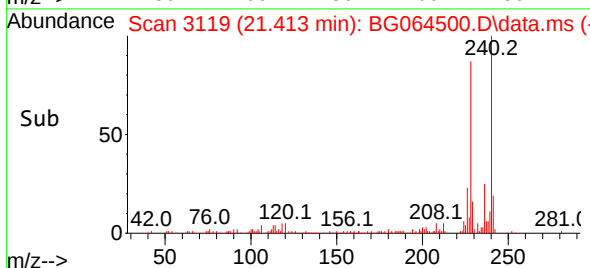
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

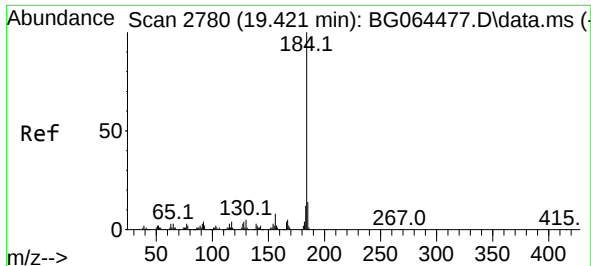


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



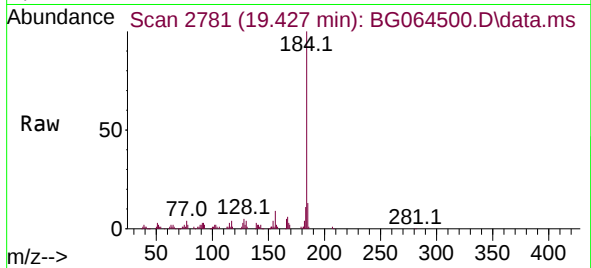
Tgt Ion:240 Resp: 153646
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 25.5 20.4 30.6





#77
Benzidine
Concen: 26.260 ng
RT: 19.427 min Scan# 2780
Delta R.T. 0.002 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

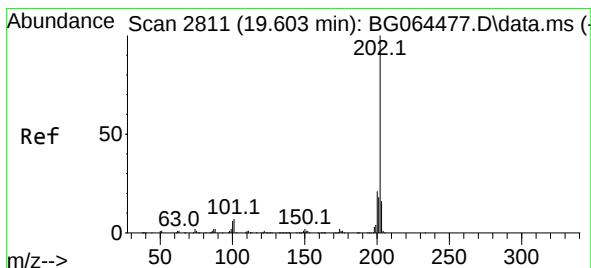
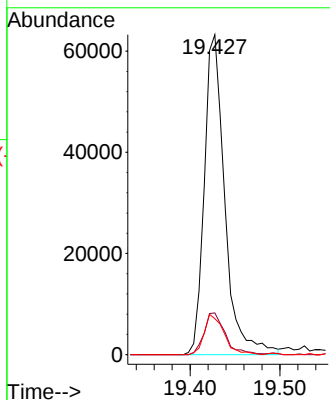
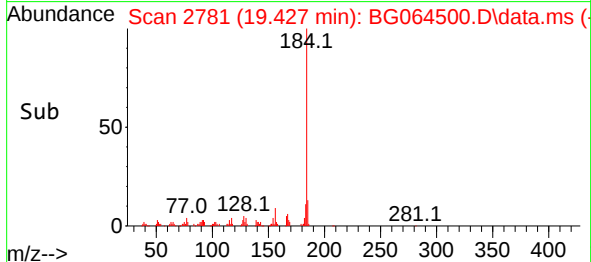
Instrument :
BNA_G
ClientSampleId :
PB170080BS



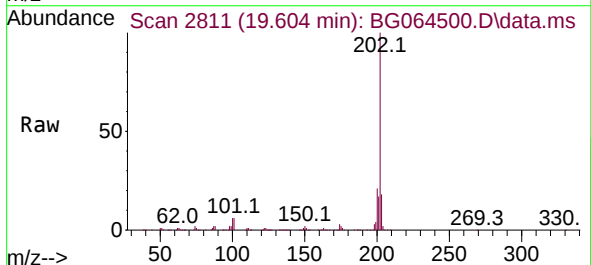
Tgt Ion:184 Resp: 100398
Ion Ratio Lower Upper
184 100
185 13.0 10.9 16.3
183 11.2 9.8 14.6

Manual Integrations
APPROVED

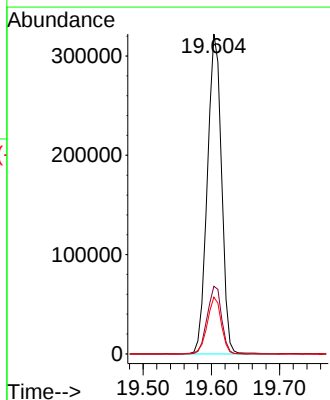
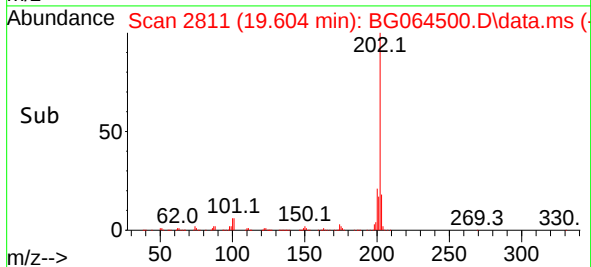
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

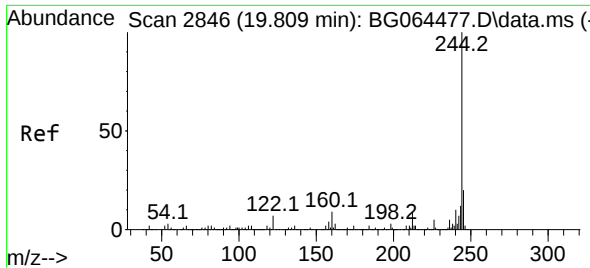


#78
Pyrene
Concen: 46.522 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:202 Resp: 463874
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 13.0 19.4





#79
 Terphenyl-d14
 Concen: 88.131 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

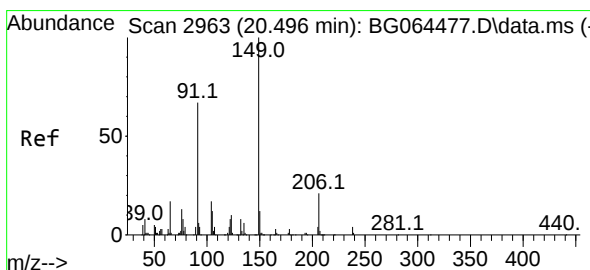
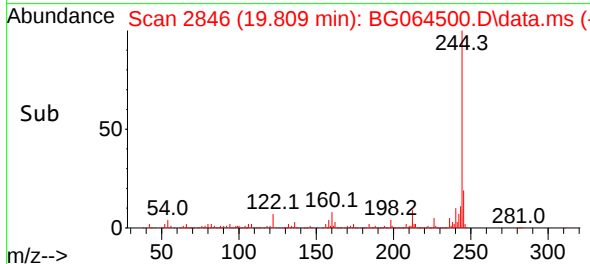
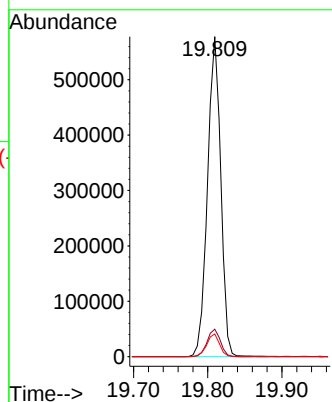
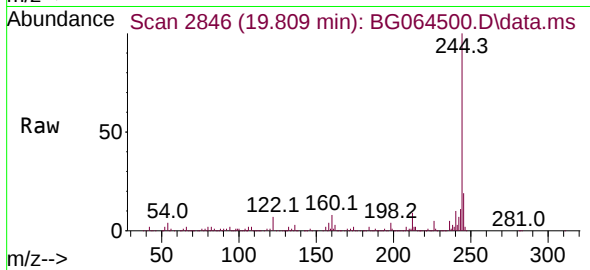
PB170080BS

Tgt Ion:244 Resp: 715506
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 7.1 5.6 8.4

Manual Integrations

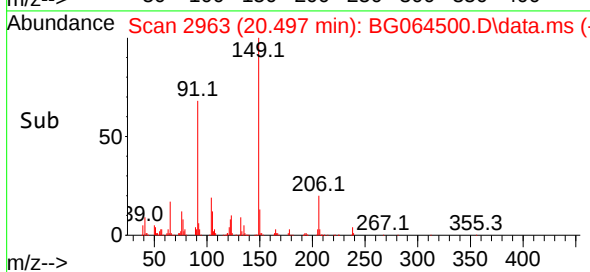
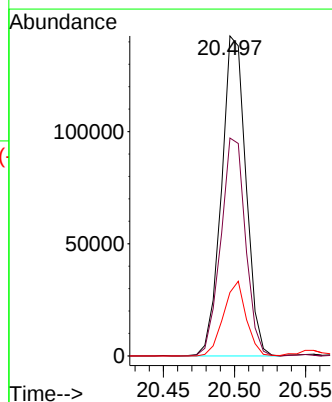
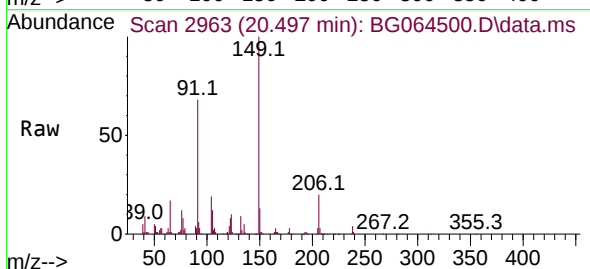
APPROVED

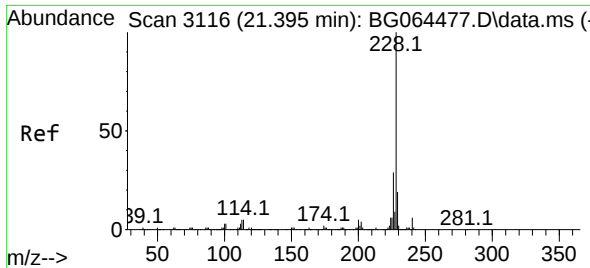
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025



#80
 Butylbenzylphthalate
 Concen: 48.182 ng
 RT: 20.497 min Scan# 2963
 Delta R.T. -0.003 min
 Lab File: BG064500.D
 Acq: 14 Oct 2025 14:38

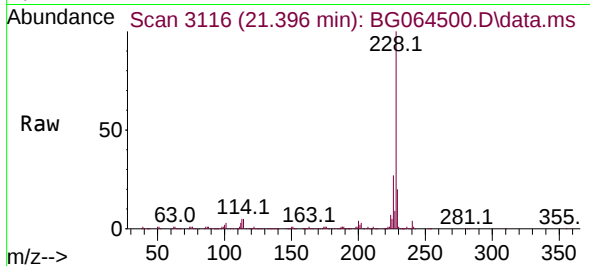
Tgt Ion:149 Resp: 170307
 Ion Ratio Lower Upper
 149 100
 91 68.1 53.7 80.5
 206 19.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 49.313 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

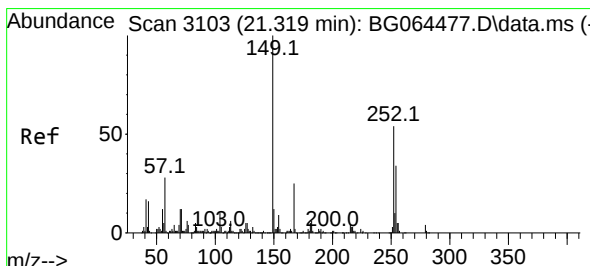
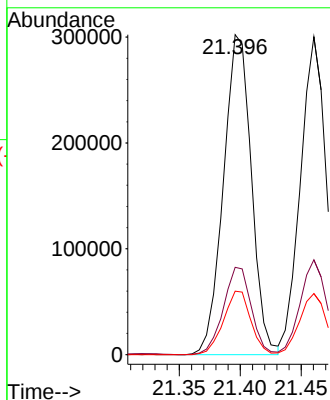
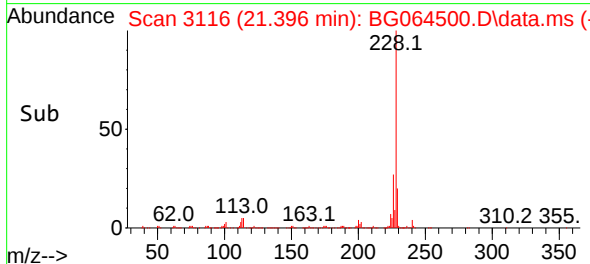
Instrument :
BNA_G
ClientSampleId :
PB170080BS



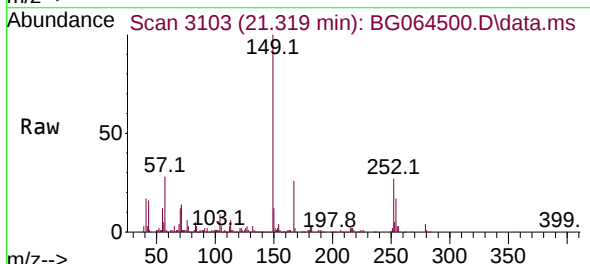
Tgt Ion:228 Resp: 483778
Ion Ratio Lower Upper
228 100
226 27.3 22.8 34.2
229 19.8 15.2 22.8

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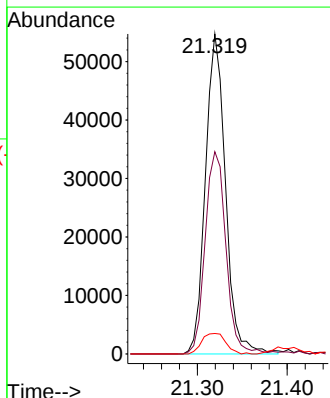
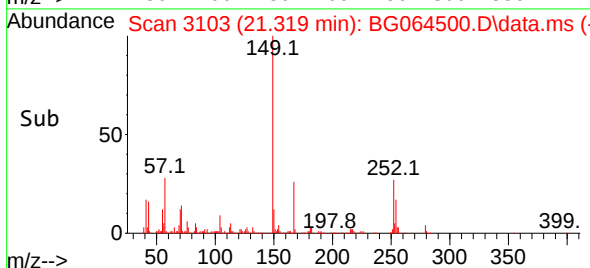
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

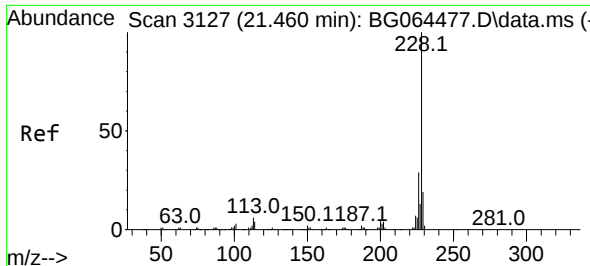


#82
3,3'-Dichlorobenzidine
Concen: 25.569 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38



Tgt Ion:252 Resp: 84901
Ion Ratio Lower Upper
252 100
254 63.2 50.5 75.7
126 6.4 7.1 10.7





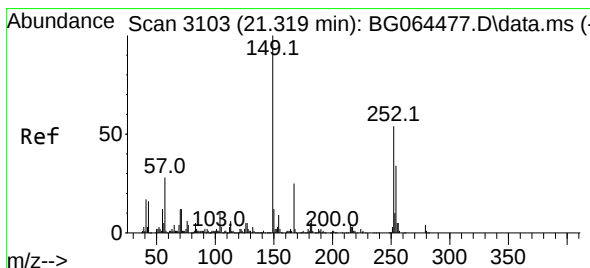
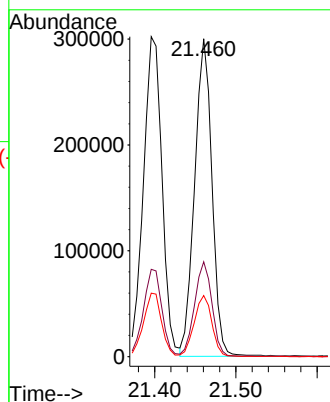
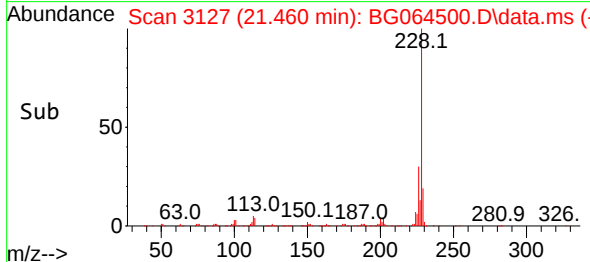
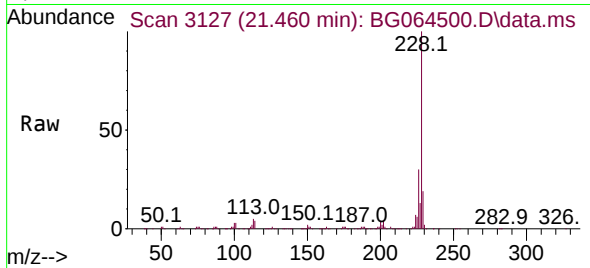
#83
Chrysene
Concen: 47.734 ng
RT: 21.460 min Scan# 3127
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :
BNA_G
ClientSampleId :
PB170080BS

Tgt Ion:228 Resp: 444105
Ion Ratio Lower Upper
228 100
226 29.8 22.8 34.2
229 19.2 15.4 23.0

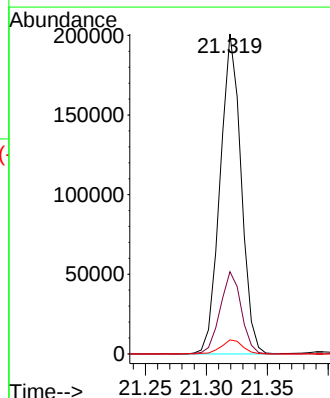
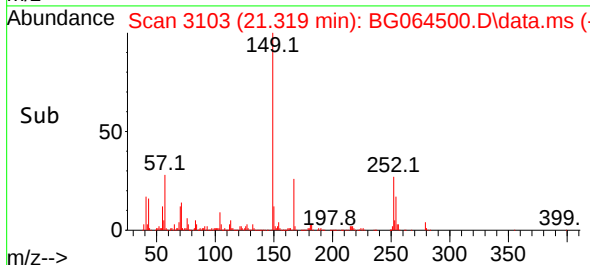
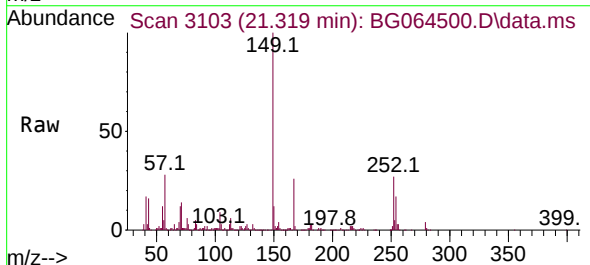
Manual Integrations
APPROVED

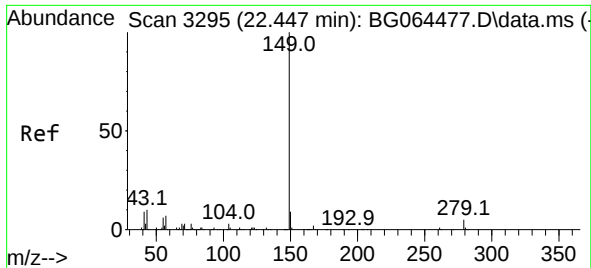
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.231 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

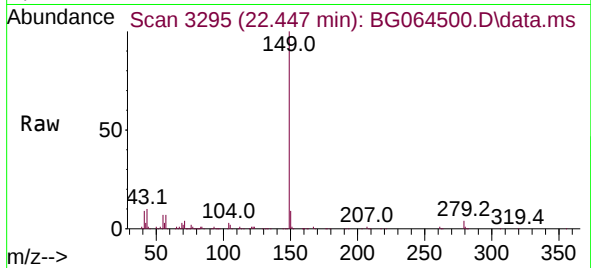
Tgt Ion:149 Resp: 240538
Ion Ratio Lower Upper
149 100
167 25.7 19.7 29.5
279 4.4 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 49.050 ng
RT: 22.447 min Scan# 3295
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

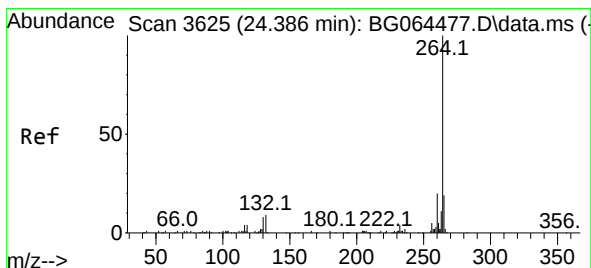
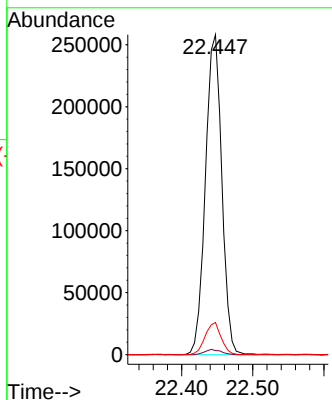
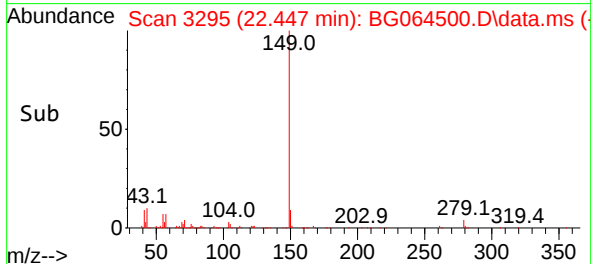
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:149 Resp: 411128
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.8 7.9 11.9

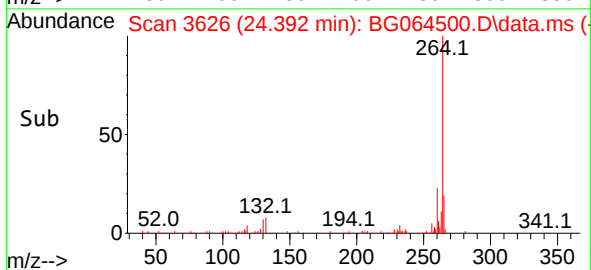
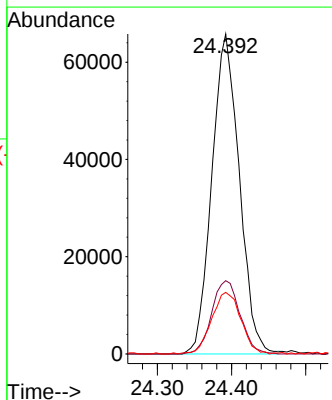
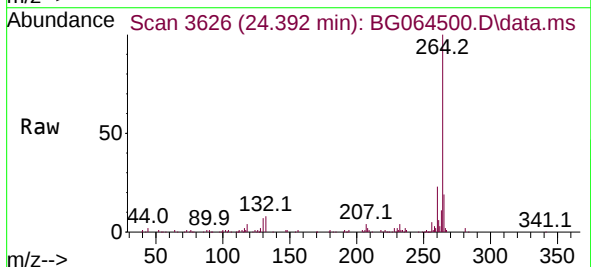
Manual Integrations
APPROVED

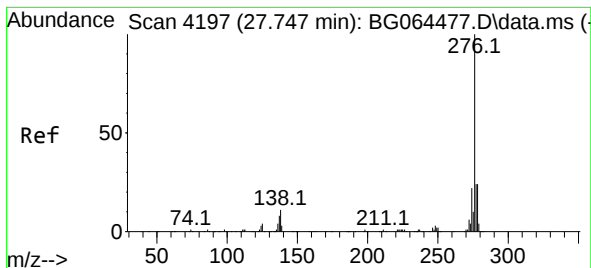
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:264 Resp: 168945
Ion Ratio Lower Upper
264 100
260 22.9 16.2 24.4
265 19.2 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.062 ng

RT: 27.759 min Scan# 4199

Delta R.T. 0.026 min

Lab File: BG064500.D

Acq: 14 Oct 2025 14:38

Instrument :

BNA_G

ClientSampleId :

PB170080BS

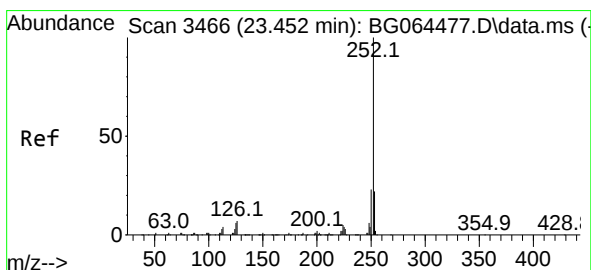
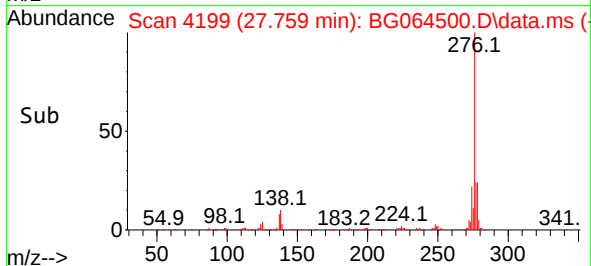
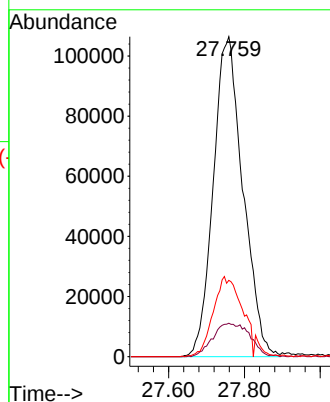
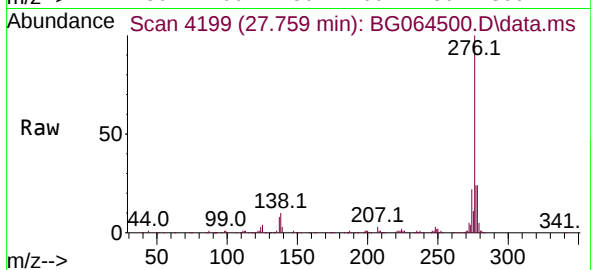
Tgt Ion:276 Resp: 576953

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.8	16.2
277	24.0	20.3	30.5

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 48.378 ng

RT: 23.458 min Scan# 3467

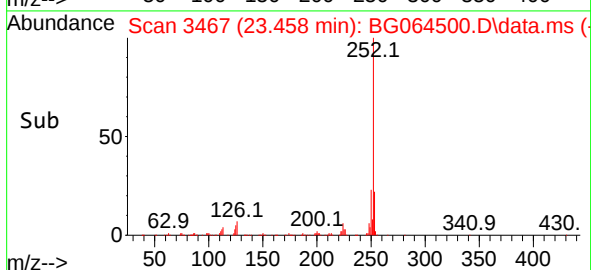
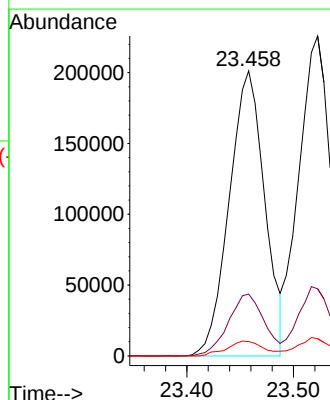
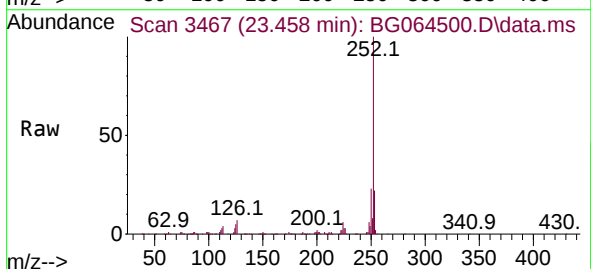
Delta R.T. 0.009 min

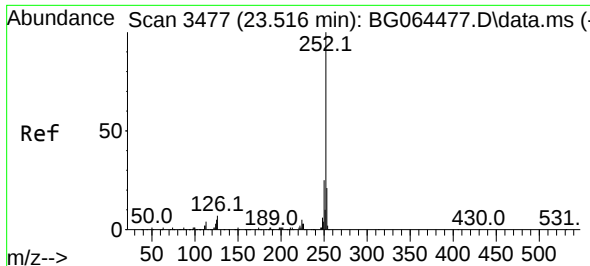
Lab File: BG064500.D

Acq: 14 Oct 2025 14:38

Tgt Ion:252 Resp: 464977

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	5.0	4.5	6.7





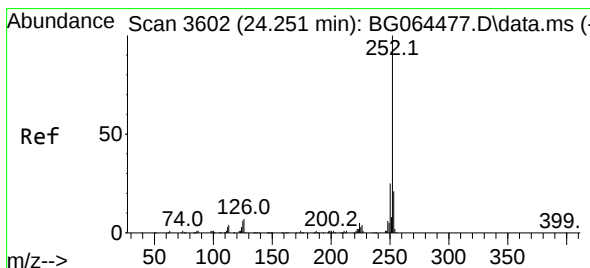
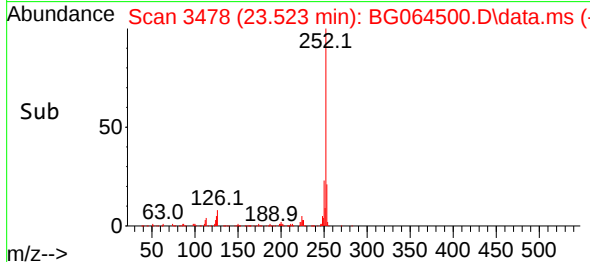
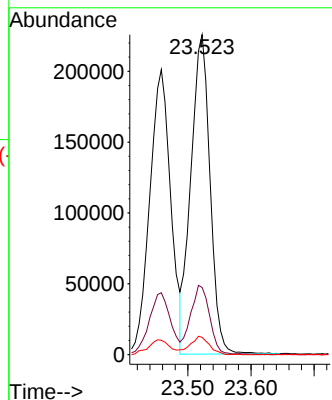
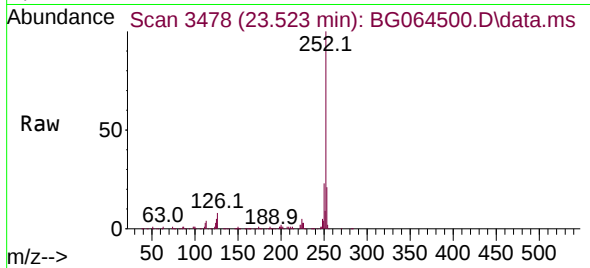
#89
Benzo(k)fluoranthene
Concen: 49.244 ng
RT: 23.523 min Scan# 3477
Delta R.T. 0.015 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Instrument :
BNA_G
ClientSampleId :
PB170080BS

Tgt Ion:252 Resp: 476690
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 5.4 4.0 6.0

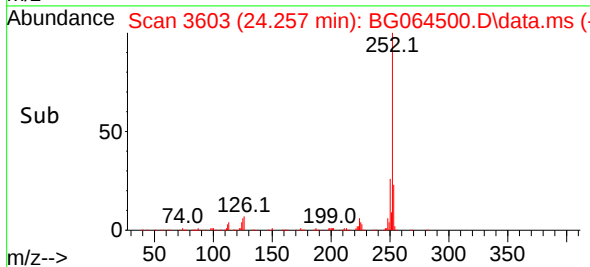
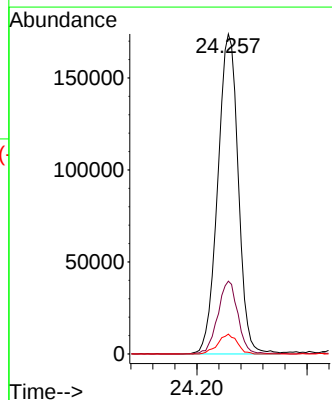
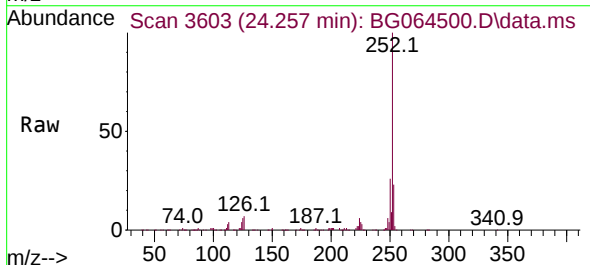
Manual Integrations
APPROVED

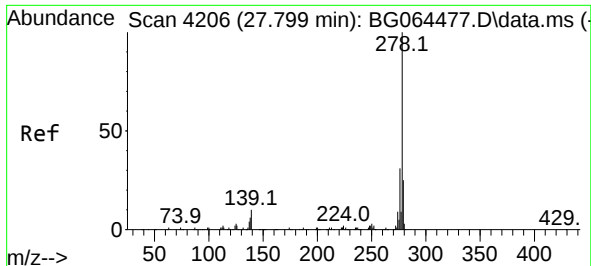
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#90
Benzo(a)pyrene
Concen: 50.555 ng
RT: 24.257 min Scan# 3603
Delta R.T. 0.009 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

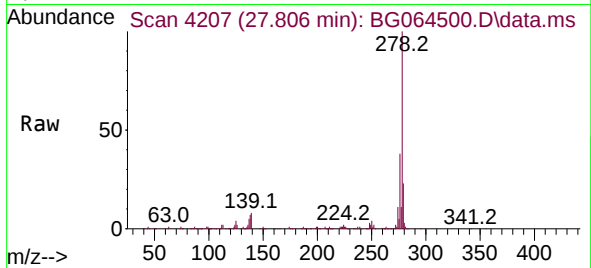
Tgt Ion:252 Resp: 447817
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 6.2 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 50.886 ng
RT: 27.806 min Scan# 41
Delta R.T. 0.026 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

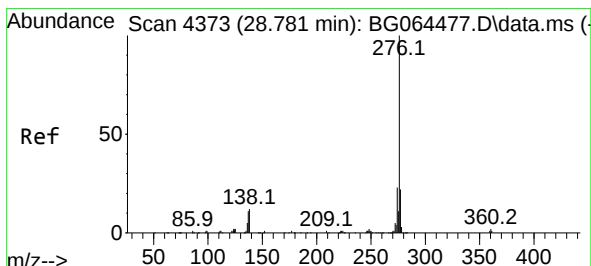
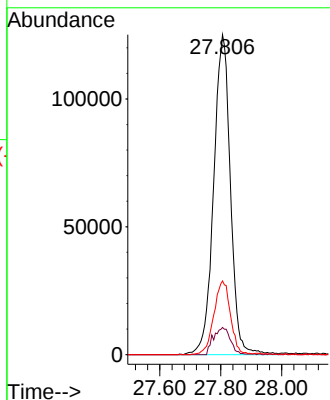
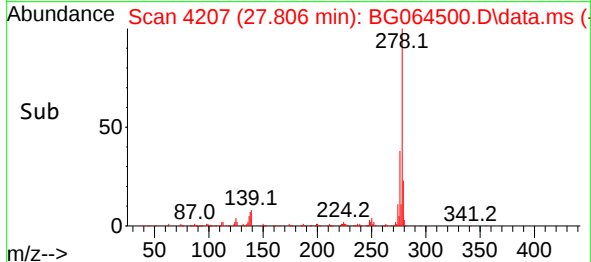
Instrument :
BNA_G
ClientSampleId :
PB170080BS



Tgt Ion:278 Resp: 47855
Ion Ratio Lower Upper
278 100
139 8.5 8.2 12.2
279 23.0 19.6 29.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.297 ng
RT: 28.799 min Scan# 4376
Delta R.T. 0.032 min
Lab File: BG064500.D
Acq: 14 Oct 2025 14:38

Tgt Ion:276 Resp: 459666
Ion Ratio Lower Upper
276 100
277 23.9 17.8 26.6
138 10.9 9.4 14.0

