

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064482.D
 Acq On : 2 Oct 2025 18:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 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	7.826	152	15318	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	68102	20.000	ng	0.00
39) Acenaphthene-d10	14.448	164	53704	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	136982	20.000	ng	0.00
76) Chrysene-d12	21.416	240	140392	20.000	ng	0.00
86) Perylene-d12	24.389	264	148372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	62374	75.359	ng	0.00
7) Phenol-d6	6.998	99	86196	77.494	ng	0.01
23) Nitrobenzene-d5	8.978	82	92457	72.999	ng	0.01
42) 2,4,6-Tribromophenol	15.940	330	74669	76.705	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	271576	74.539	ng	0.00
79) Terphenyl-d14	19.806	244	564322	76.071	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	12001	36.657	ng	96
3) Pyridine	3.713	79	31163	35.418	ng	97
4) n-Nitrosodimethylamine	3.631	42	24896	39.031	ng	91
6) Aniline	7.151	93	57677	41.109	ng	98
8) 2-Chlorophenol	7.391	128	37701	37.094	ng	96
9) Benzaldehyde	6.963	77	31860	32.268	ng	96
10) Phenol	7.021	94	45072	38.413	ng	99
11) bis(2-Chloroethyl)ether	7.250	93	29672	37.341	ng	99
12) 1,3-Dichlorobenzene	7.715	146	41698	37.504	ng	94
13) 1,4-Dichlorobenzene	7.856	146	44492	39.872	ng	97
14) 1,2-Dichlorobenzene	8.173	146	42303	38.466	ng	96
15) Benzyl Alcohol	8.061	79	41748	40.756	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.349	45	48934	38.204	ng	93
17) 2-Methylphenol	8.267	107	32757	38.553	ng	96
18) Hexachloroethane	8.901	117	16683	37.877	ng	92
19) n-Nitroso-di-n-propyla...	8.625	70	30487	40.984	ng	# 92
20) 3+4-Methylphenols	8.596	107	46114	38.893	ng	92
22) Acetophenone	8.637	105	65802	39.906	ng	# 98
24) Nitrobenzene	9.019	77	46946	37.170	ng	95
25) Isophorone	9.542	82	89937	39.198	ng	# 97
26) 2-Nitrophenol	9.724	139	22245	35.388	ng	# 84
27) 2,4-Dimethylphenol	9.789	122	40285	41.959	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	45075	38.540	ng	98
29) 2,4-Dichlorophenol	10.259	162	43141	38.857	ng	86
30) 1,2,4-Trichlorobenzene	10.476	180	46901	38.743	ng	97
31) Naphthalene	10.658	128	134984	38.491	ng	97
32) Benzoic acid	9.941	122	29650m	40.223	ng	
33) 4-Chloroaniline	10.770	127	57575	42.784	ng	91
34) Hexachlorobutadiene	10.952	225	37931	36.587	ng	93
35) Caprolactam	11.534	113	14752	38.812	ng	94
36) 4-Chloro-3-methylphenol	11.898	107	51832	38.389	ng	96
37) 2-Methylnaphthalene	12.268	142	94732	35.191	ng	97
38) 1-Methylnaphthalene	12.491	142	99137	36.933	ng	100
40) 1,2,4,5-Tetrachloroben...	12.644	216	66779	38.511	ng	98
41) Hexachlorocyclopentadiene	12.621	237	45790	50.483	ng	91
43) 2,4,6-Trichlorophenol	12.879	196	43264	39.030	ng	97

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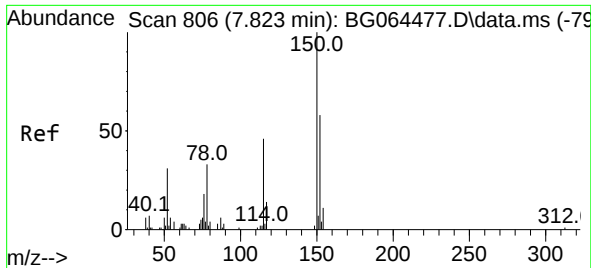
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

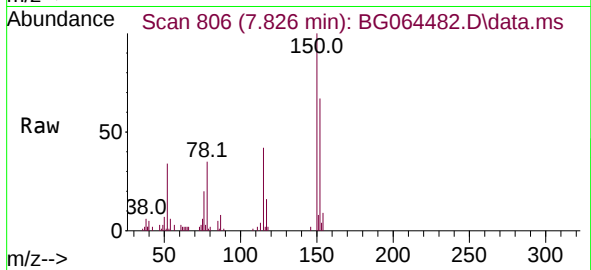
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.955	196	46812	37.827	ng	90
46) 1,1'-Biphenyl	13.285	154	149616	38.735	ng	98
47) 2-Chloronaphthalene	13.326	162	108769	37.716	ng	95
48) 2-Nitroaniline	13.531	65	38535	39.151	ng	98
49) Acenaphthylene	14.172	152	187686	43.842	ng	97
50) Dimethylphthalate	13.907	163	159424	37.903	ng	97
51) 2,6-Dinitrotoluene	14.025	165	33945	38.742	ng	92
52) Acenaphthene	14.512	154	109054	36.666	ng	98
53) 3-Nitroaniline	14.354	138	32910	40.727	ng	97
54) 2,4-Dinitrophenol	14.559	184	21309	33.540	ng	# 81
55) Dibenzofuran	14.847	168	187307	38.141	ng	97
56) 4-Nitrophenol	14.671	139	25265	39.712	ng	87
57) 2,4-Dinitrotoluene	14.812	165	52757	39.388	ng	98
58) Fluorene	15.500	166	161086	39.456	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.077	232	50545	40.021	ng	100
60) Diethylphthalate	15.276	149	172891	38.317	ng	97
61) 4-Chlorophenyl-phenyle...	15.494	204	81203	36.432	ng	98
62) 4-Nitroaniline	15.517	138	34897	41.435	ng	92
63) Azobenzene	15.787	77	134722	38.553	ng	98
65) 4,6-Dinitro-2-methylph...	15.582	198	36085	37.834	ng	92
66) n-Nitrosodiphenylamine	15.705	169	137047	37.465	ng	93
67) 4-Bromophenyl-phenylether	16.387	248	59351	36.819	ng	95
68) Hexachlorobenzene	16.504	284	67918	36.821	ng	96
69) Atrazine	16.657	200	68476	42.076	ng	98
70) Pentachlorophenol	16.845	266	38853	36.025	ng	91
71) Phenanthrene	17.233	178	265823	37.108	ng	96
72) Anthracene	17.321	178	274231	38.159	ng	99
73) Carbazole	17.591	167	246445	39.673	ng	99
74) Di-n-butylphthalate	18.155	149	294614	38.852	ng	99
75) Fluoranthene	19.242	202	331530	38.739	ng	100
77) Benzidine	19.424	184	152917	43.772	ng	98
78) Pyrene	19.601	202	335798	36.856	ng	99
80) Butylbenzylphthalate	20.500	149	121325	37.565	ng	98
81) Benzo(a)anthracene	21.393	228	339443	37.867	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	128504	42.355	ng	97
83) Chrysene	21.457	228	309731	36.434	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	168982	37.082	ng	99
85) Di-n-octyl phthalate	22.444	149	281232	36.720	ng	100
87) Indeno(1,2,3-cd)pyrene	27.738	276	390549	37.816	ng	99
88) Benzo(b)fluoranthene	23.449	252	315880	37.423	ng	99
89) Benzo(k)fluoranthene	23.514	252	337015	39.643	ng	99
90) Benzo(a)pyrene	24.254	252	307034	39.468	ng	98
91) Dibenzo(a,h)anthracene	27.791	278	318677	38.585	ng	96
92) Benzo(g,h,i)perylene	28.784	276	317018	39.498	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.826 min Scan# 806
 Delta R.T. 0.006 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09

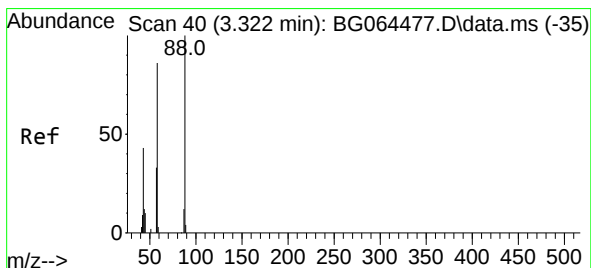
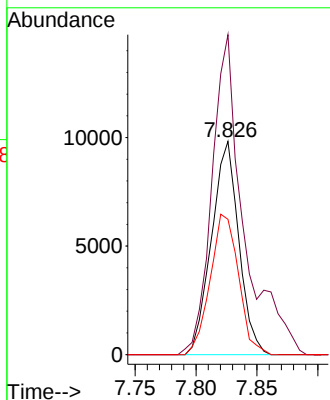
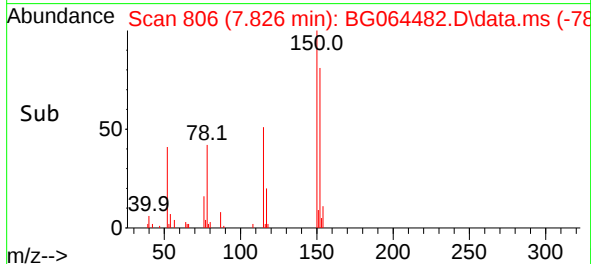
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG100225



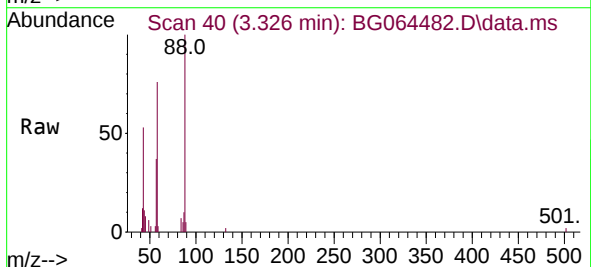
Tgt Ion: 152 Resp: 15318
 Ion Ratio Lower Upper
 152 100
 150 150.1 138.6 207.8
 115 63.5 63.4 95.2

Manual Integrations
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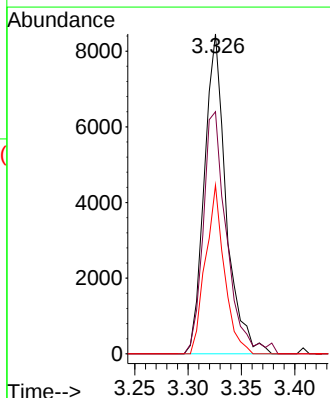
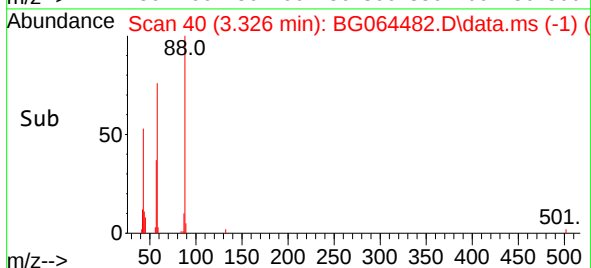
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

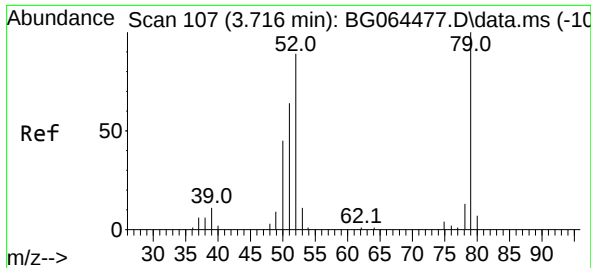


#2
 1,4-Dioxane
 Concen: 36.657 ng
 RT: 3.326 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09



Tgt Ion: 88 Resp: 12001
 Ion Ratio Lower Upper
 88 100
 58 81.6 69.8 104.6
 43 45.8 37.4 56.0





#3
Pyridine
Concen: 35.418 ng
RT: 3.713 min Scan# 107
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

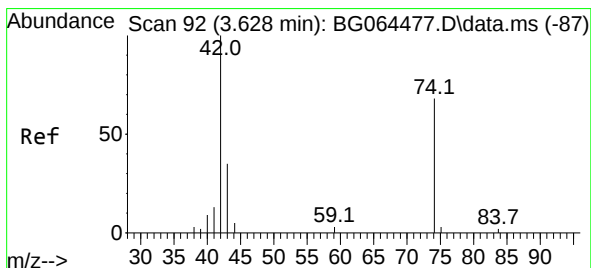
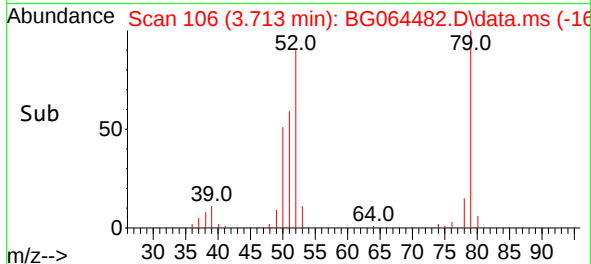
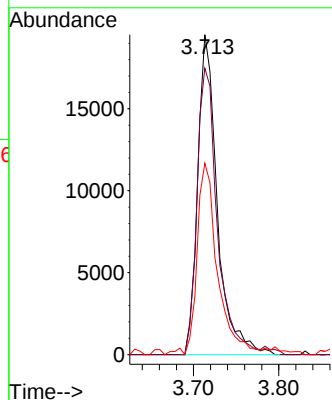
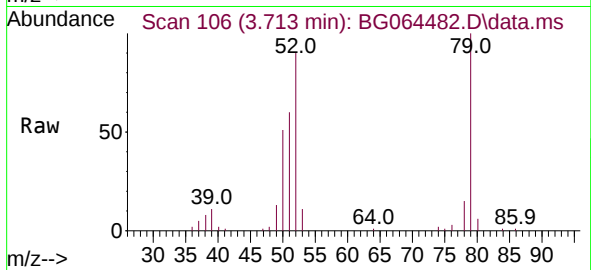
ICVBG100225

Tgt Ion: 79 Resp: 31163
Ion Ratio Lower Upper
79 100
52 89.5 71.0 106.4
51 59.8 51.0 76.6

Manual Integrations

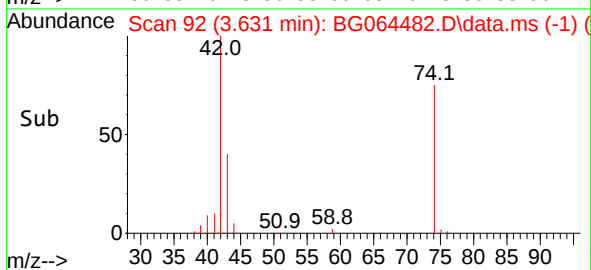
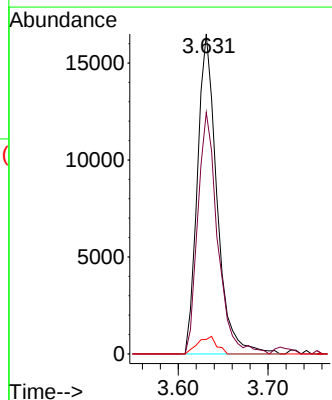
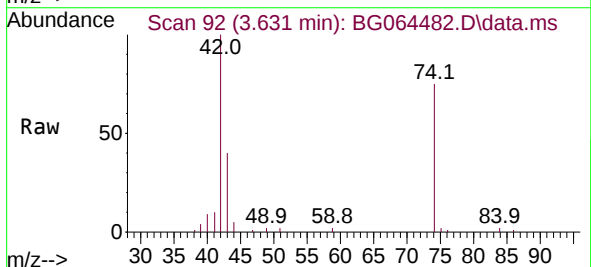
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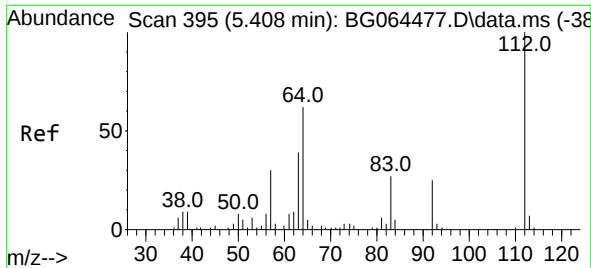
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 39.031 ng
RT: 3.631 min Scan# 92
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 42 Resp: 24896
Ion Ratio Lower Upper
42 100
74 75.5 54.2 81.4
44 4.5 4.2 6.2





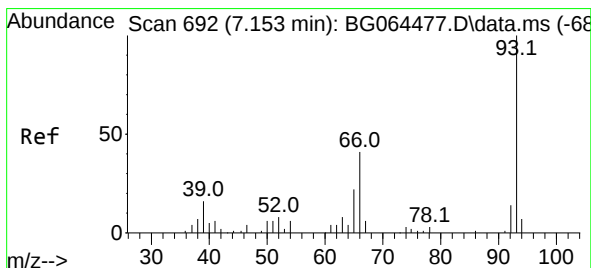
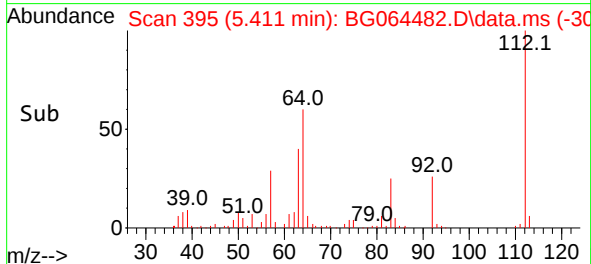
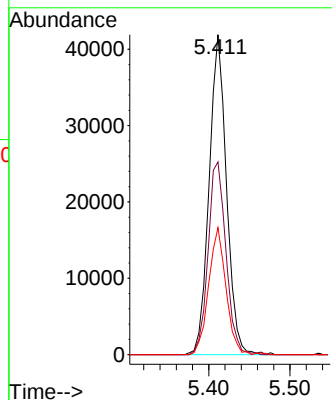
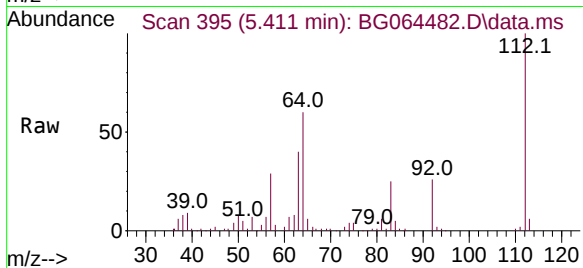
#5
2-Fluorophenol
Concen: 75.359 ng
RT: 5.411 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:112 Resp: 62374
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.8
63 39.7 31.3 46.9

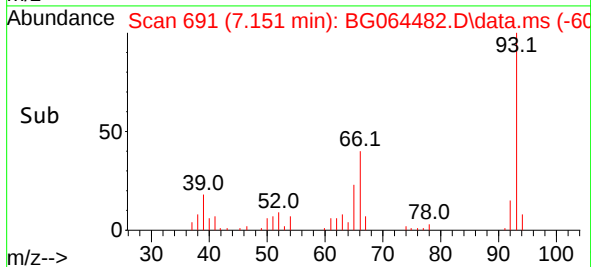
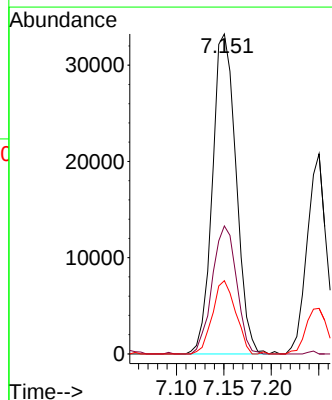
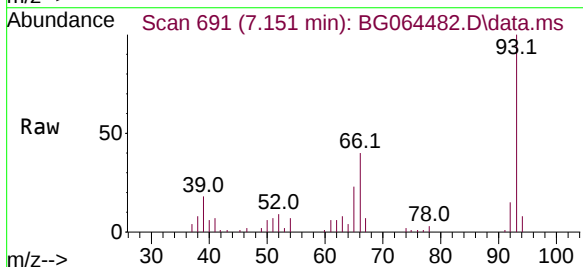
Manual Integrations
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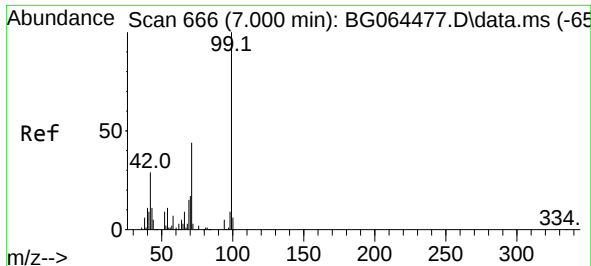
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 41.109 ng
RT: 7.151 min Scan# 691
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 57677
Ion Ratio Lower Upper
93 100
66 40.0 33.0 49.4
65 22.9 17.5 26.3





#7
Phenol-d6
Concen: 77.494 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

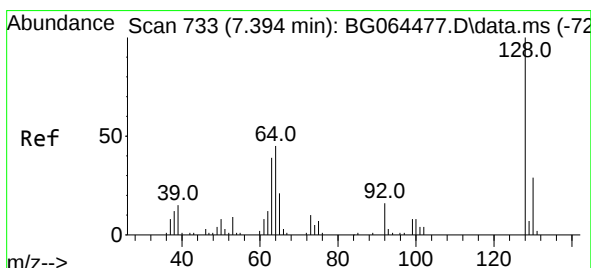
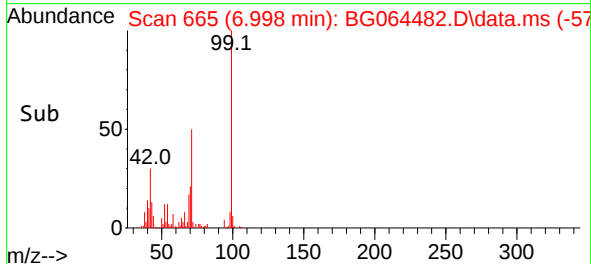
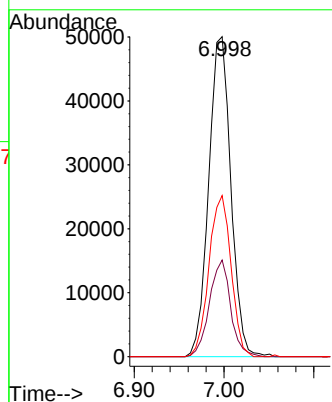
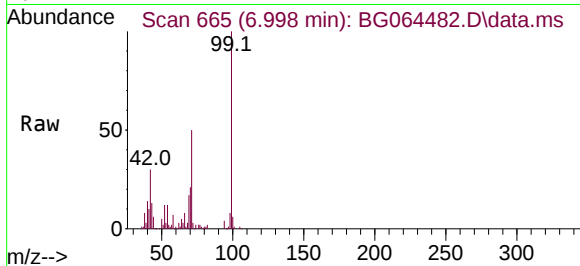
ClientSampleId :

ICVBG100225

Tgt Ion: 99 Resp: 86196
Ion Ratio Lower Upper
99 100
42 30.2 22.9 34.3
71 50.3 35.4 53.2

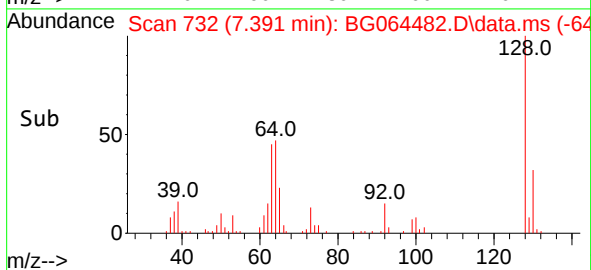
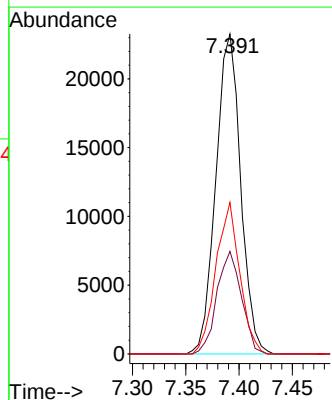
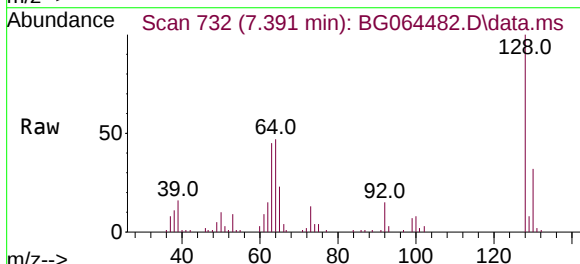
Manual Integrations
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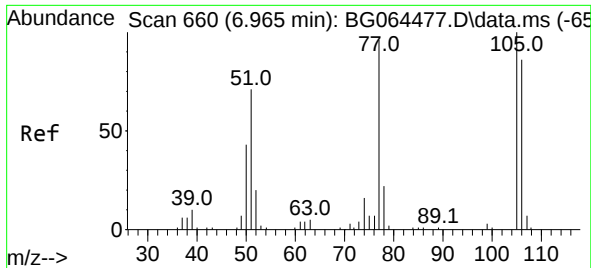
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 37.094 ng
RT: 7.391 min Scan# 732
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:128 Resp: 37701
Ion Ratio Lower Upper
128 100
130 32.0 9.2 49.2
64 47.3 25.5 65.5





#9
Benzaldehyde
Concen: 32.268 ng
RT: 6.963 min Scan# 660
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

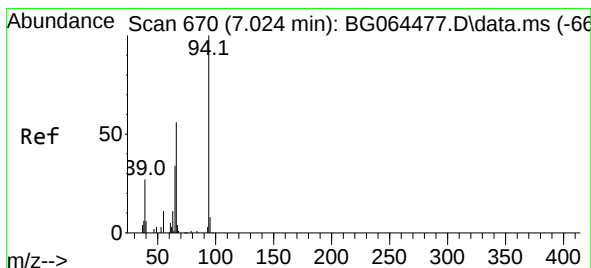
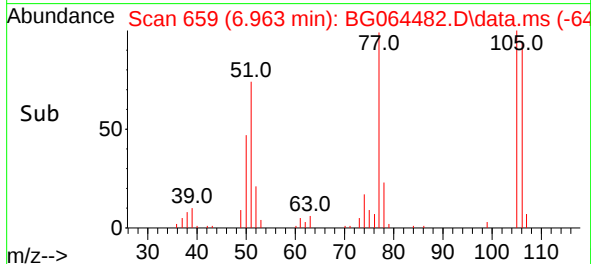
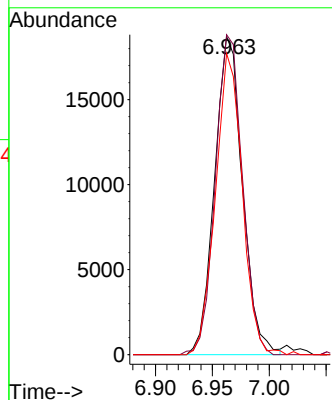
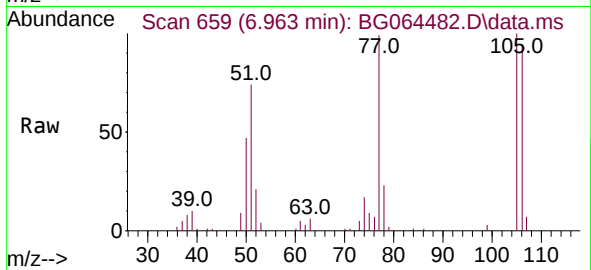
ICVBG100225

Tgt Ion: 77 Resp: 31860
Ion Ratio Lower Upper
77 100
105 100.6 83.7 123.7
106 94.7 69.4 109.4

Manual Integrations

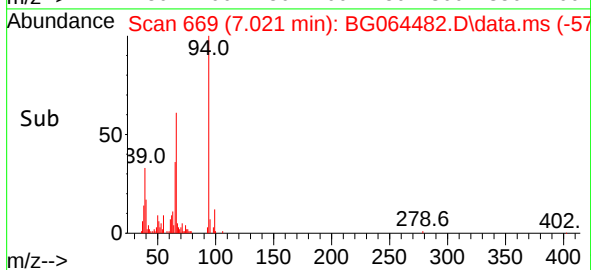
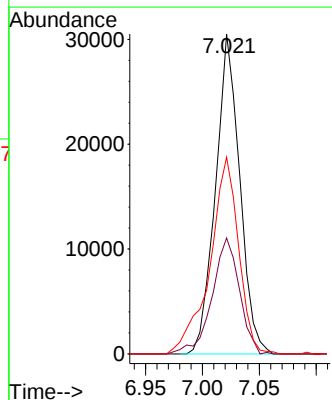
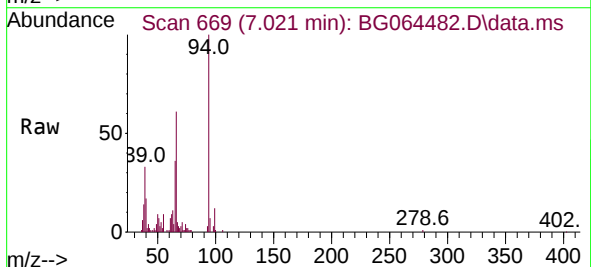
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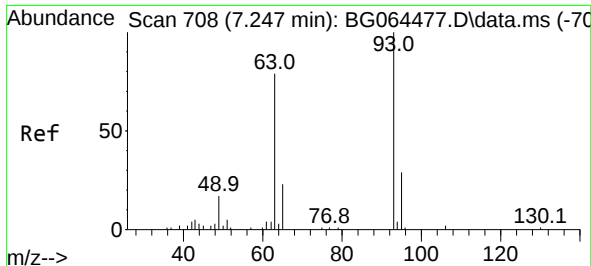
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 38.413 ng
RT: 7.021 min Scan# 669
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

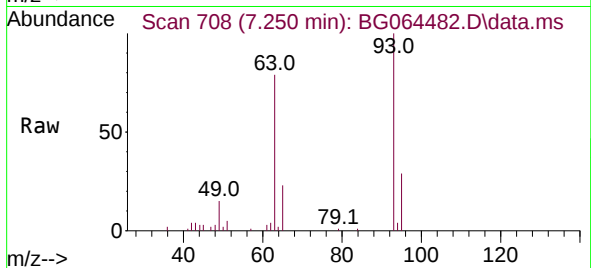
Tgt Ion: 94 Resp: 45072
Ion Ratio Lower Upper
94 100
65 36.2 14.8 54.8
66 61.5 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 37.341 ng
RT: 7.250 min Scan# 708
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

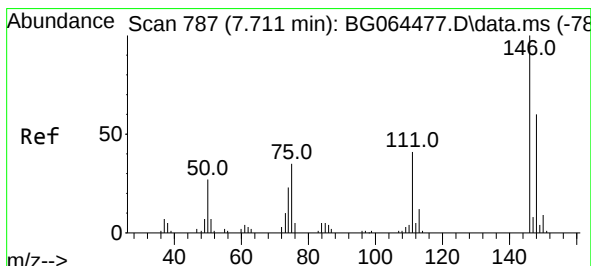
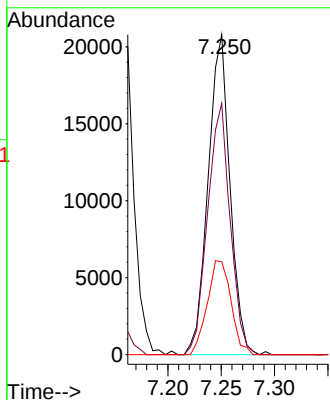
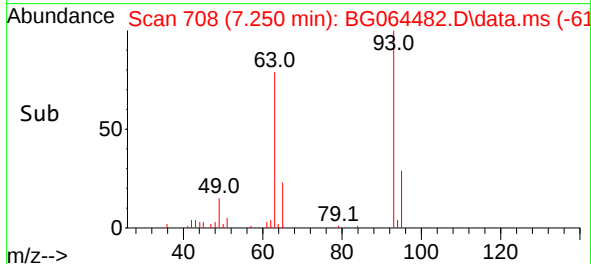
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



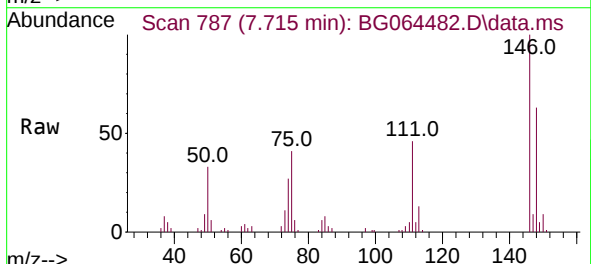
Tgt Ion: 93 Resp: 29672
Ion Ratio Lower Upper
93 100
63 78.5 59.5 99.5
95 29.0 8.8 48.8

Manual Integrations
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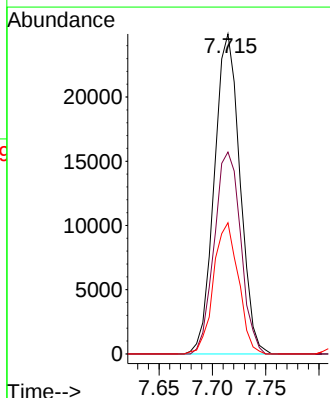
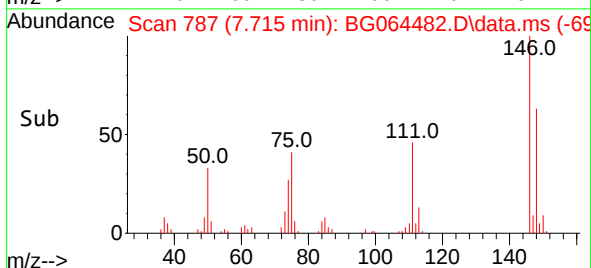
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

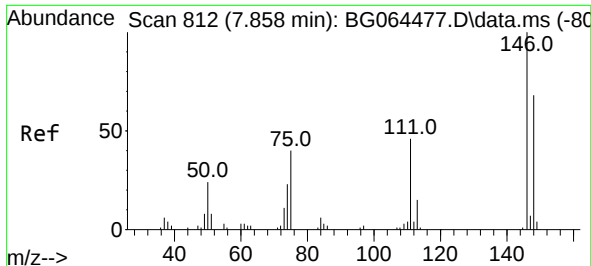


#12
1,3-Dichlorobenzene
Concen: 37.504 ng
RT: 7.715 min Scan# 787
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:146 Resp: 41698
Ion Ratio Lower Upper
146 100
148 63.1 48.4 72.6
75 41.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 39.872 ng

RT: 7.856 min Scan# 811

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

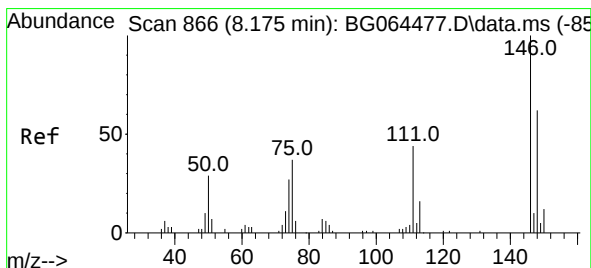
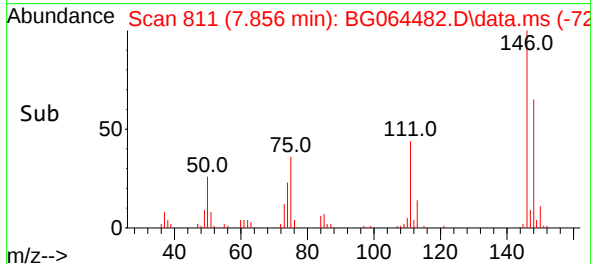
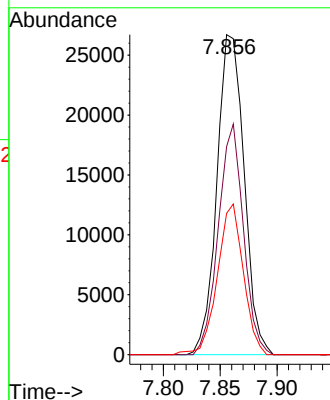
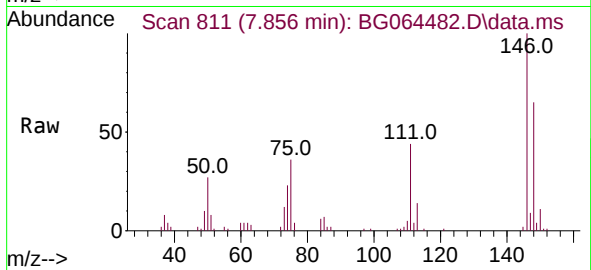
Tgt Ion:146 Resp: 44492
 Ion Ratio Lower Upper
 146 100
 148 65.0 54.4 81.6
 111 44.1 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 38.466 ng

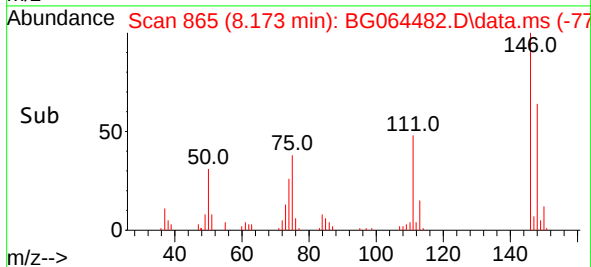
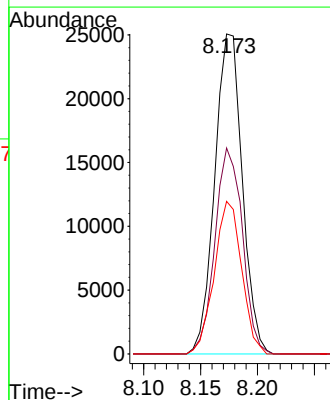
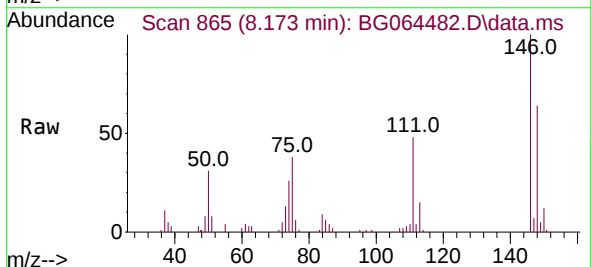
RT: 8.173 min Scan# 865

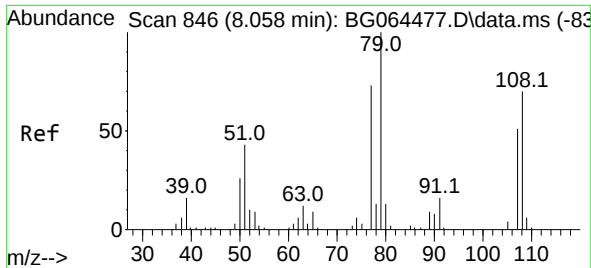
Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:146 Resp: 42303
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.0 75.0
 111 47.7 35.0 52.4





#15
Benzyl Alcohol
Concen: 40.756 ng
RT: 8.061 min Scan# 846
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

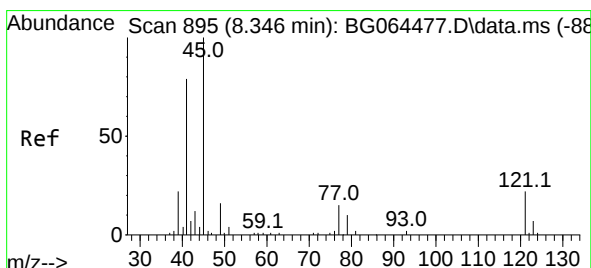
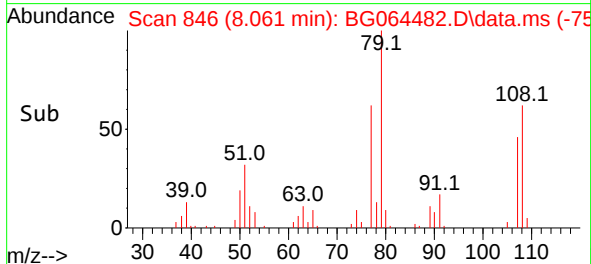
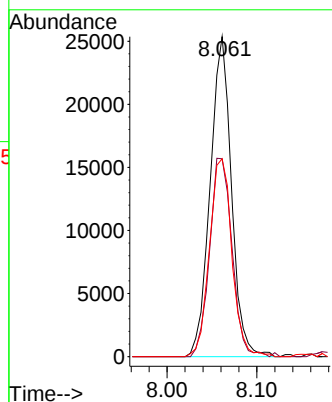
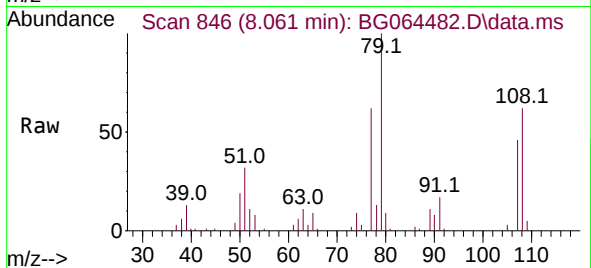
ClientSampleId :

ICVBG100225

Tgt Ion: 79 Resp: 41748
Ion Ratio Lower Upper
79 100
108 61.8 56.4 84.6
77 61.8 58.3 87.5

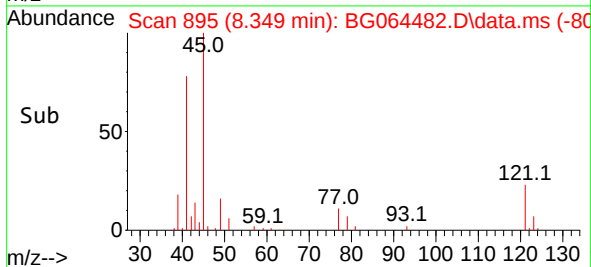
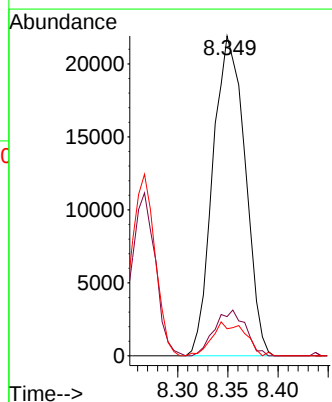
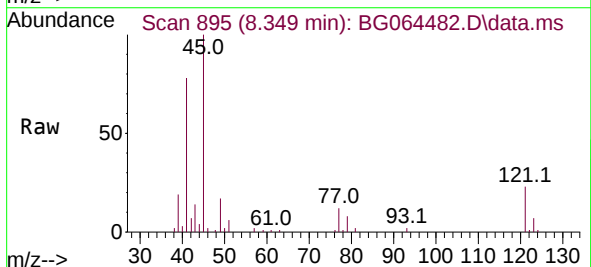
Manual Integrations
APPROVED

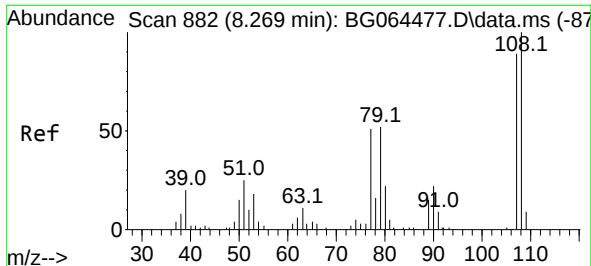
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.204 ng
RT: 8.349 min Scan# 895
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 45 Resp: 48934
Ion Ratio Lower Upper
45 100
77 12.3 0.0 35.6
79 8.5 0.0 30.7





#17
2-Methylphenol
Concen: 38.553 ng
RT: 8.267 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

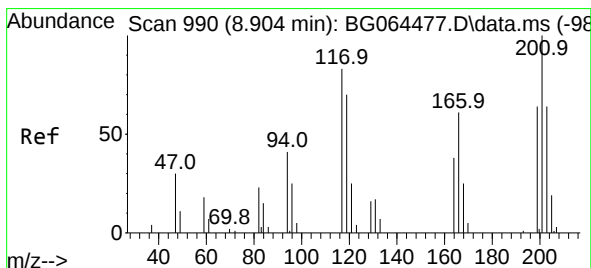
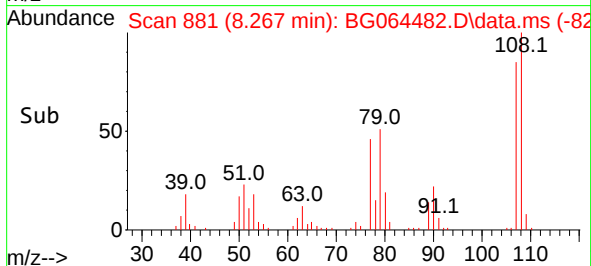
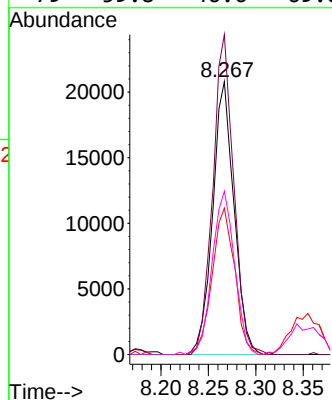
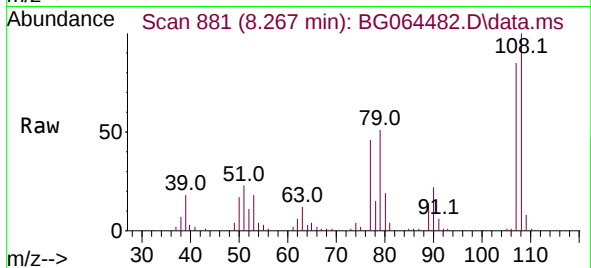
ICVBG100225

Tgt Ion:107 Resp: 3275
Ion Ratio Lower Upper
107 100
108 117.2 90.3 135.5
77 53.7 46.0 69.0
79 59.8 46.6 69.8

Manual Integrations

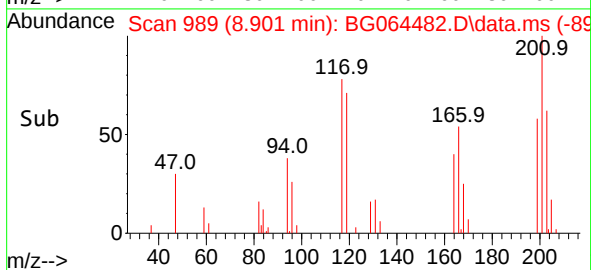
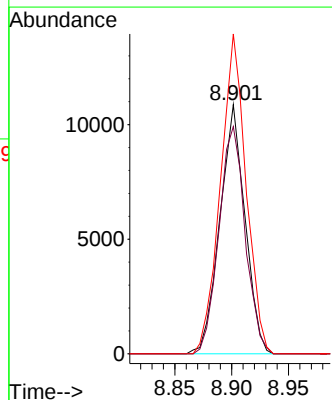
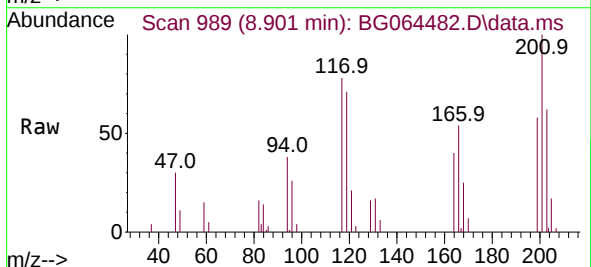
APPROVED

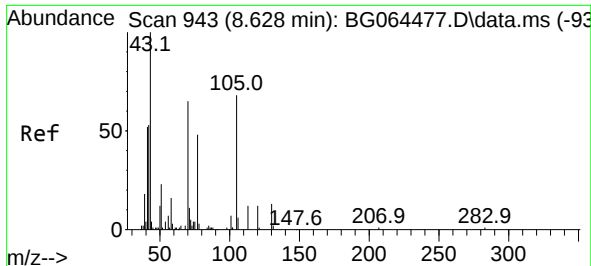
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 37.877 ng
RT: 8.901 min Scan# 989
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:117 Resp: 16683
Ion Ratio Lower Upper
117 100
119 91.2 67.4 101.0
201 128.4 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.984 ng

RT: 8.625 min Scan# 94

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion: 70 Resp: 3048

Ion Ratio Lower Upper

70 100

42 87.6 64.9 97.3

101 10.9 8.7 13.1

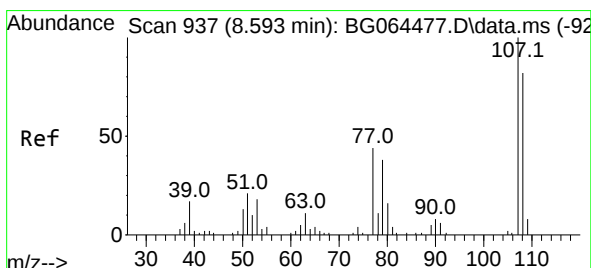
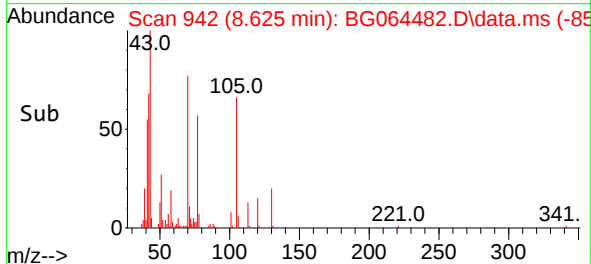
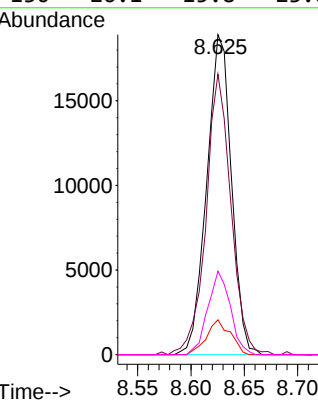
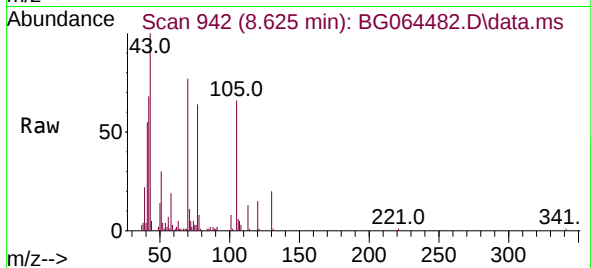
130 26.1 15.8 23.8#

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 38.893 ng

RT: 8.596 min Scan# 937

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 46114

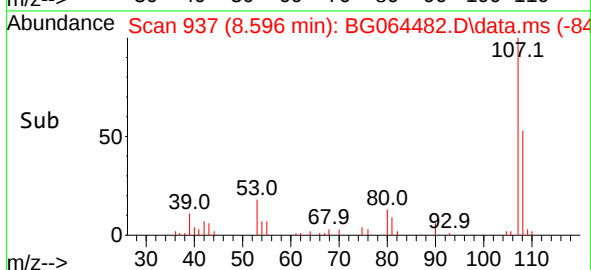
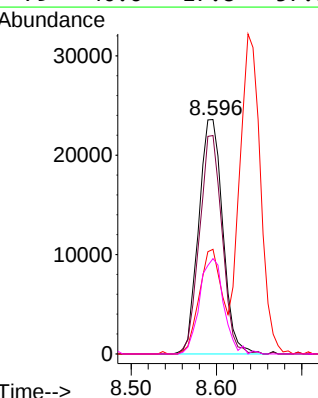
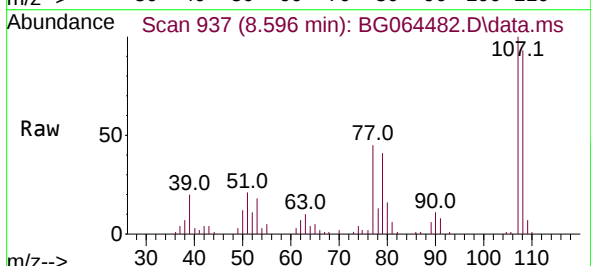
Ion Ratio Lower Upper

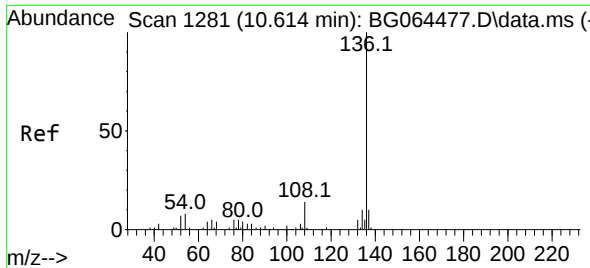
107 100

108 93.1 62.1 102.1

77 44.6 23.5 63.5

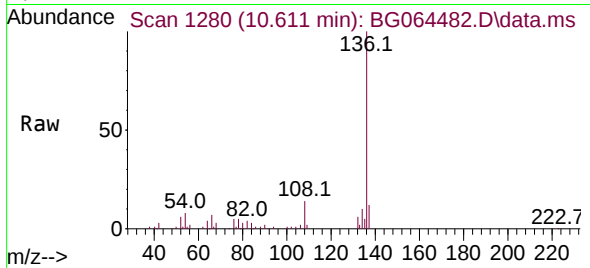
79 40.6 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

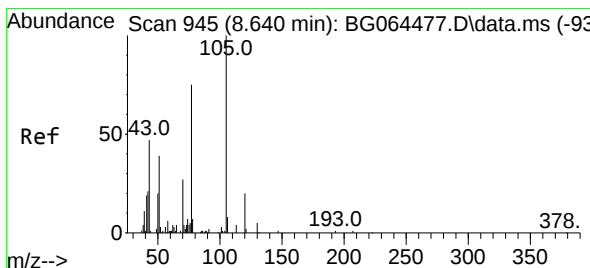
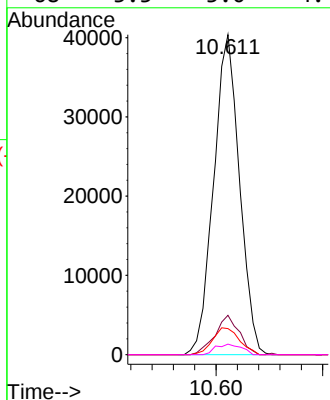
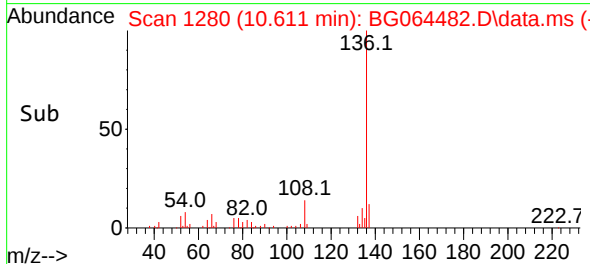
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:	136	Resp:	68102
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.3	12.5
54	8.1	6.2	9.4
68	3.3	3.0	4.4

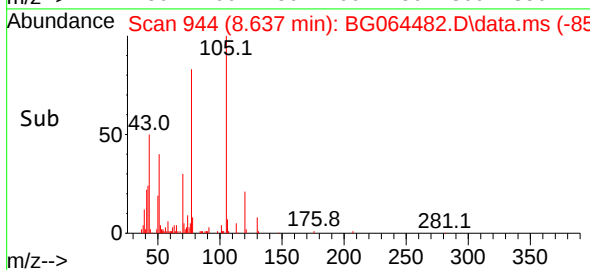
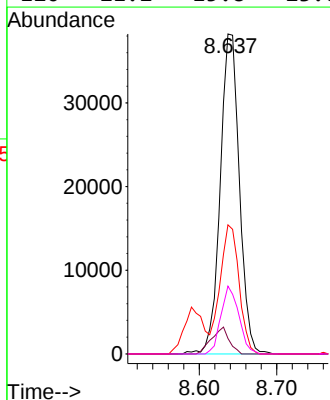
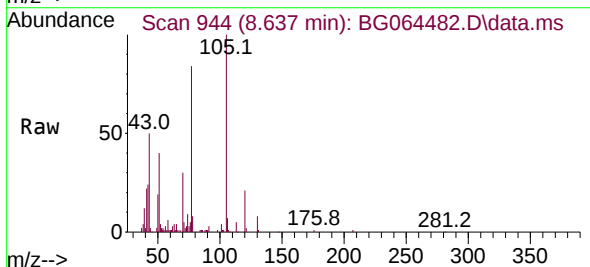
Manual Integrations
APPROVED

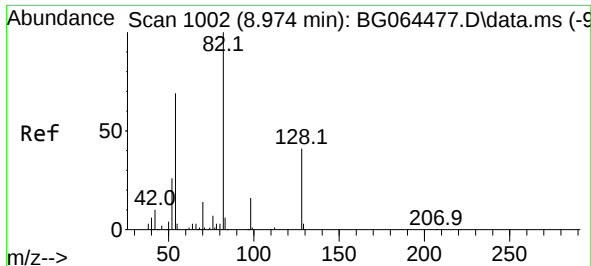
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 39.906 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:	105	Resp:	65802
Ion Ratio	Lower	Upper	
105	100		
71	4.8	2.8	4.2
51	40.3	33.0	49.4
120	21.2	15.8	23.6





#23
Nitrobenzene-d5
Concen: 72.999 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

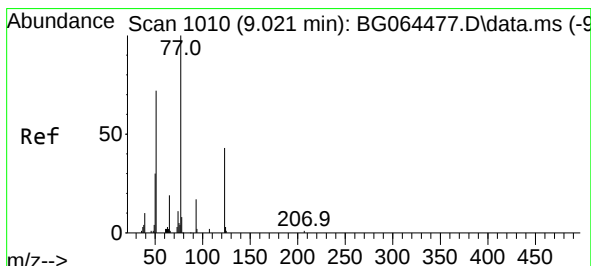
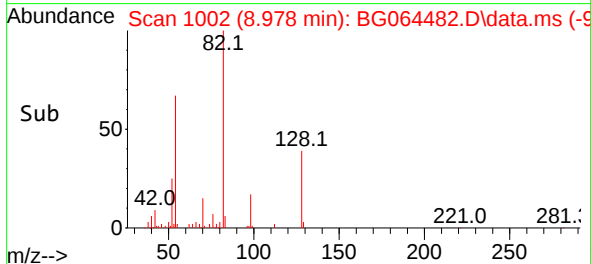
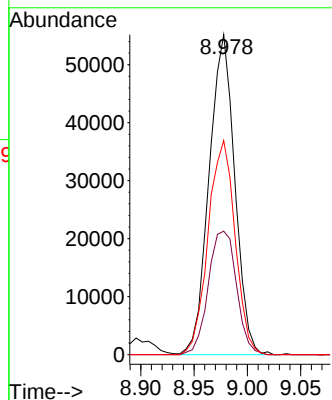
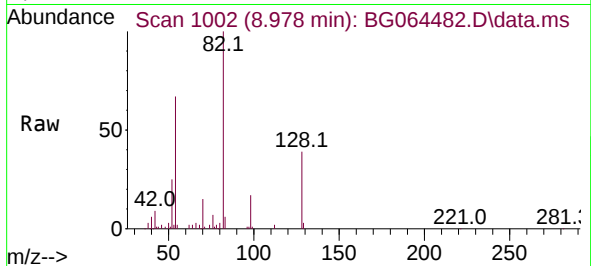
ICVBG100225

Tgt Ion: 82 Resp: 9245
Ion Ratio Lower Upper
82 100
128 38.6 33.1 49.7
54 66.9 55.4 83.2

Manual Integrations

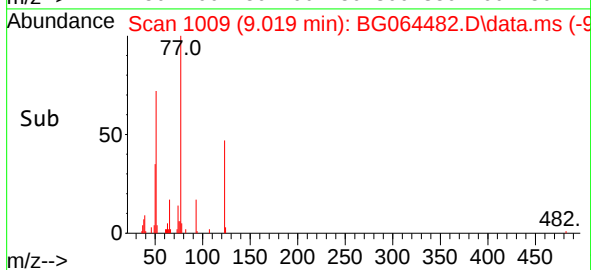
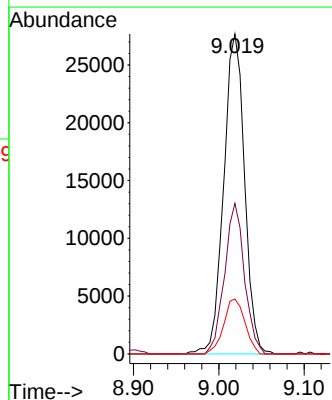
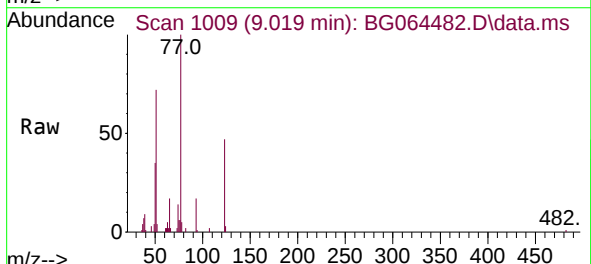
APPROVED

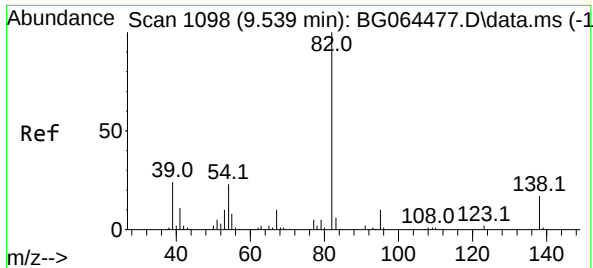
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#24
Nitrobenzene
Concen: 37.170 ng
RT: 9.019 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 77 Resp: 46946
Ion Ratio Lower Upper
77 100
123 47.0 34.4 51.6
65 17.1 14.8 22.2





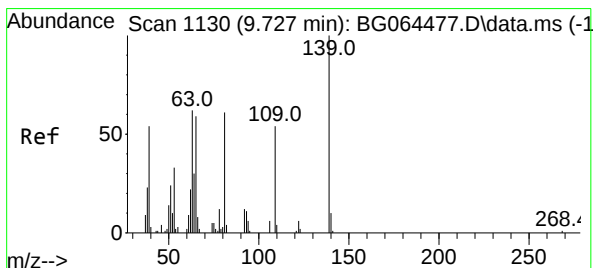
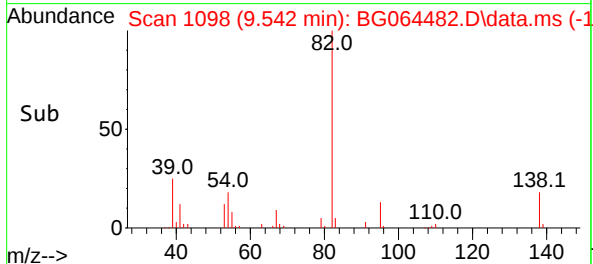
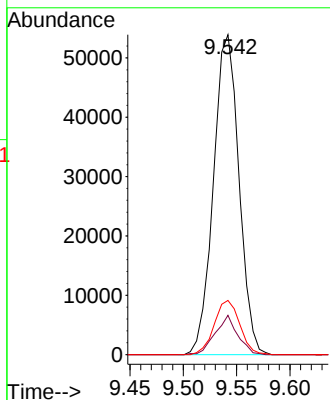
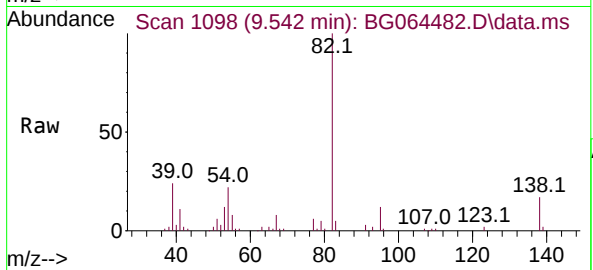
#25
Isophorone
Concen: 39.198 ng
RT: 9.542 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion: 82 Resp: 8993
Ion Ratio Lower Upper
82 100
95 12.3 7.8 11.8
138 16.9 13.8 20.6

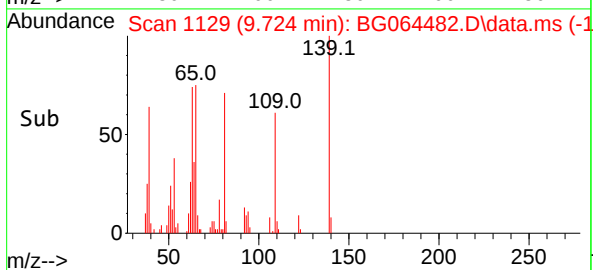
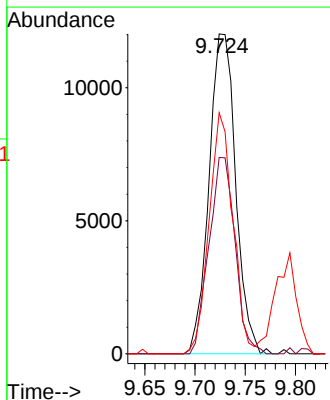
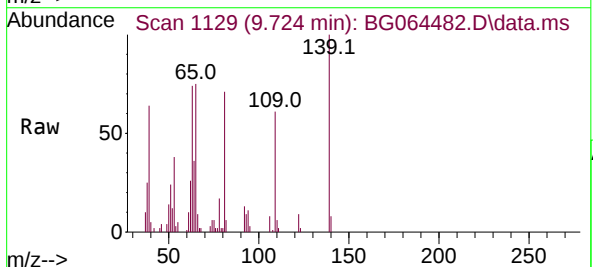
Manual Integrations
APPROVED

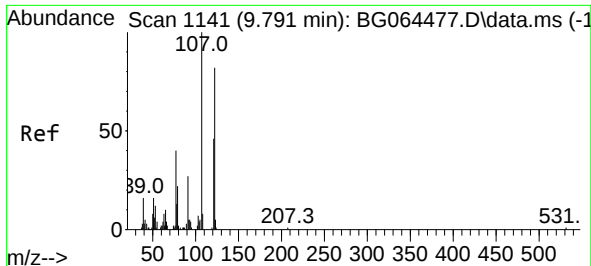
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#26
2-Nitrophenol
Concen: 35.388 ng
RT: 9.724 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 22245
Ion Ratio Lower Upper
139 100
109 61.4 43.0 64.6
65 75.4 47.4 71.2





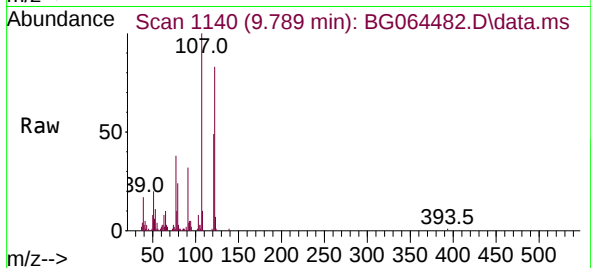
#27
2,4-Dimethylphenol
Concen: 41.959 ng
RT: 9.789 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



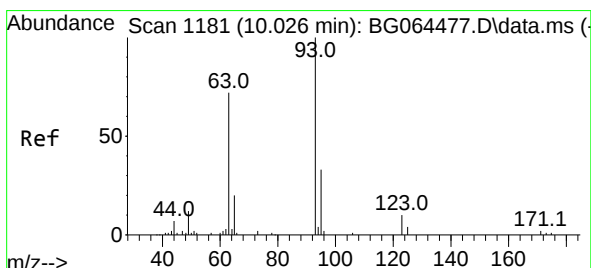
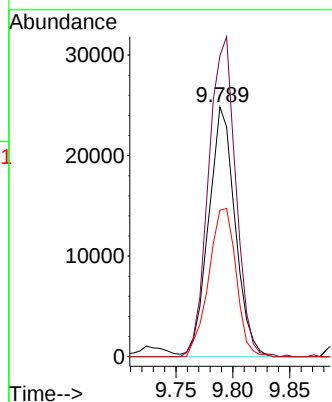
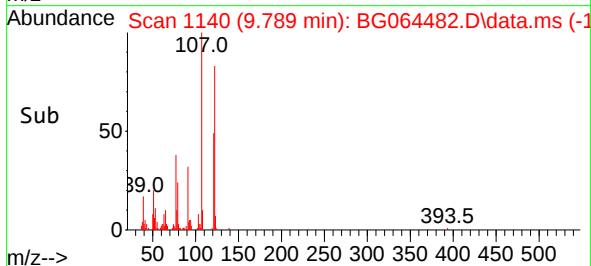
Tgt Ion:122 Resp: 40285
Ion Ratio Lower Upper
122 100
107 120.4 98.3 147.5
121 58.6 44.7 67.1

Manual Integrations

APPROVED

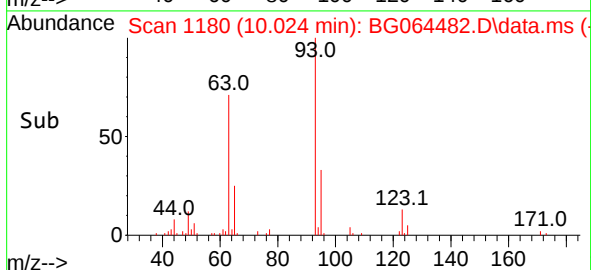
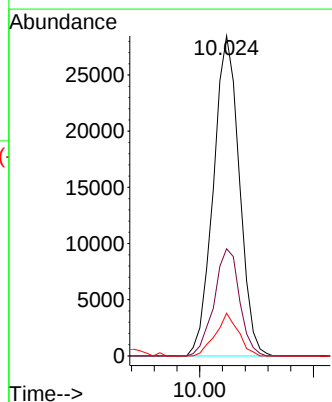
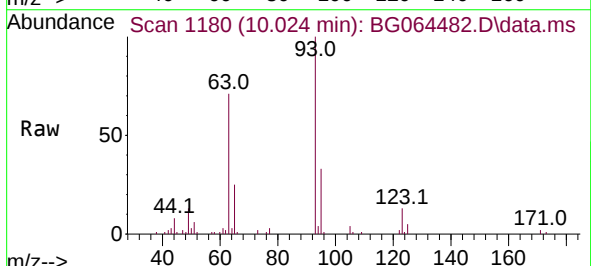
Reviewed By :Rahul Chavli 10/03/2025

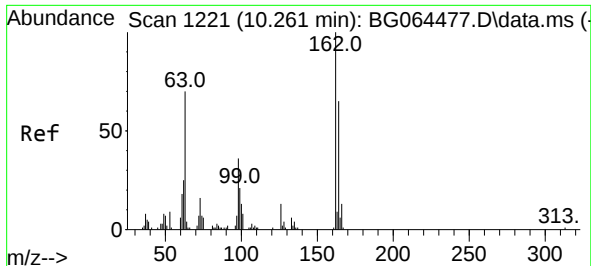
Supervised By :Jagrut Upadhyay 10/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.540 ng
RT: 10.024 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 45075
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 13.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.857 ng

RT: 10.259 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

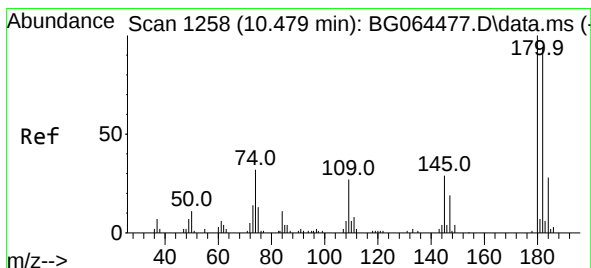
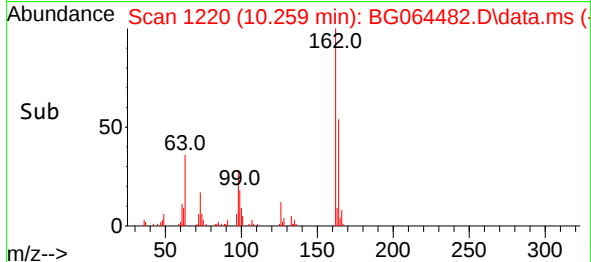
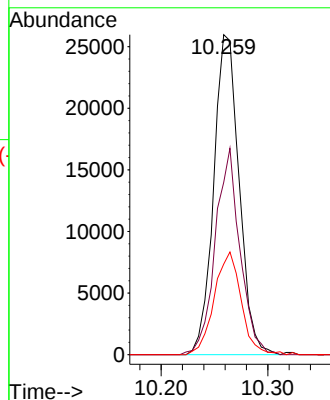
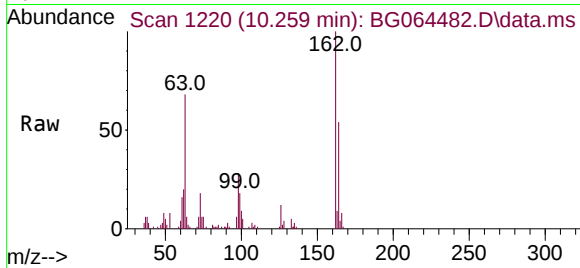
Tgt Ion:162	Resp:	4314
Ion Ratio	Lower	Upper
162	100	
164	53.8	45.4 85.4
98	28.3	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.743 ng

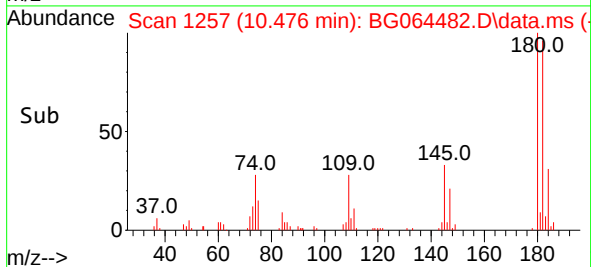
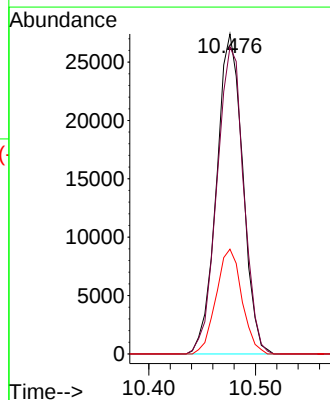
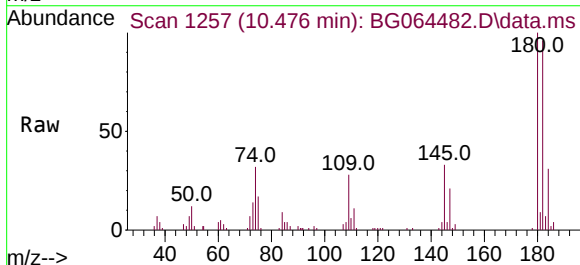
RT: 10.476 min Scan# 1257

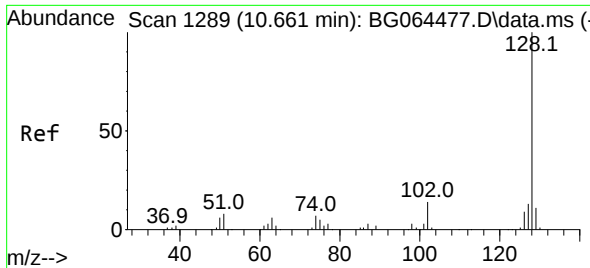
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:180	Resp:	46901
Ion Ratio	Lower	Upper
180	100	
182	95.9	75.4 113.2
145	32.7	23.2 34.8





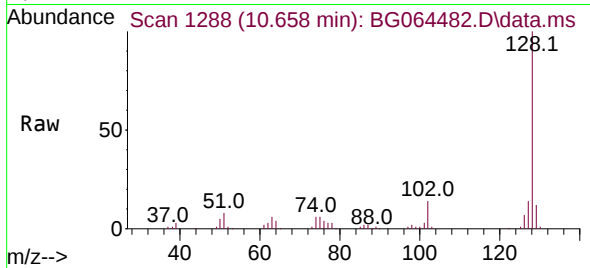
#31
Naphthalene
Concen: 38.491 ng
RT: 10.658 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



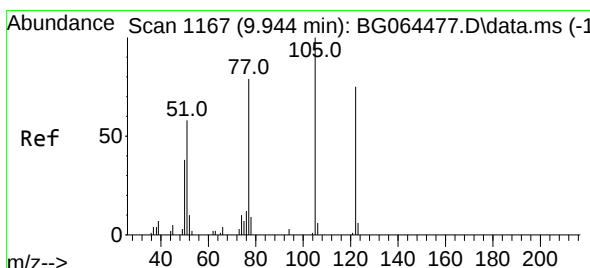
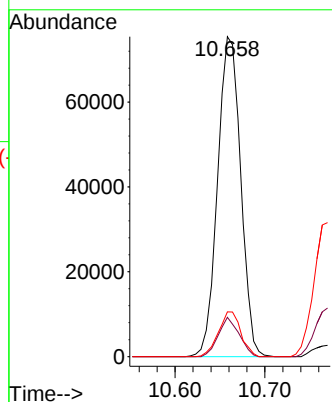
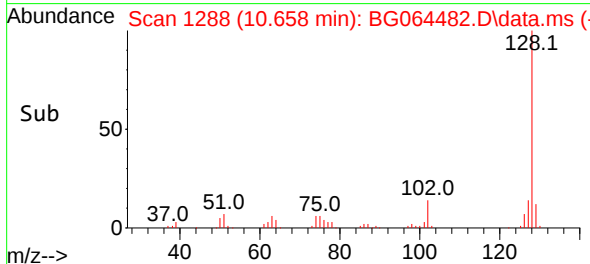
Tgt Ion:128 Resp: 134984
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.0 10.2 15.2

Manual Integrations

APPROVED

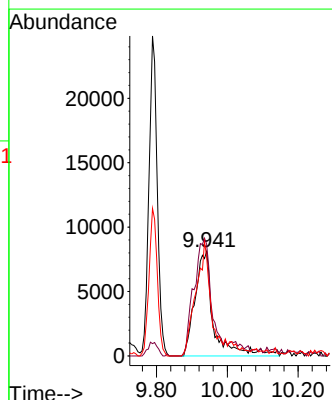
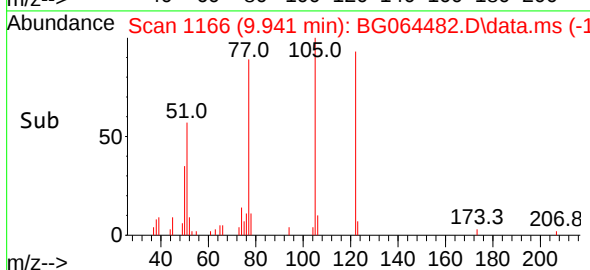
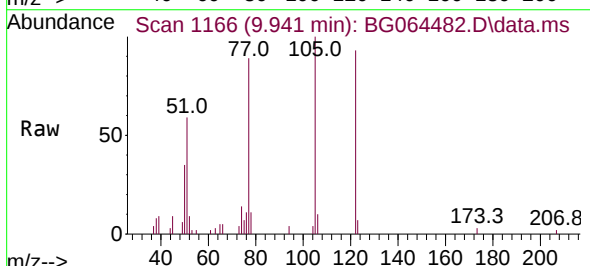
Reviewed By :Rahul Chavli 10/03/2025

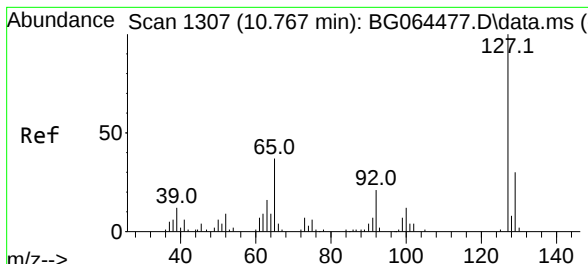
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 40.223 ng m
RT: 9.941 min Scan# 1166
Delta R.T. 0.053 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:122 Resp: 29650
Ion Ratio Lower Upper
122 100
105 107.2 113.9 153.9#
77 95.1 86.1 126.1





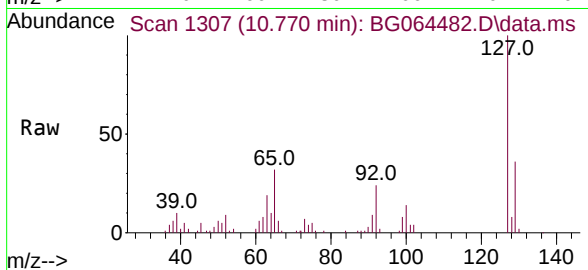
#33
4-Chloroaniline
Concen: 42.784 ng
RT: 10.770 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



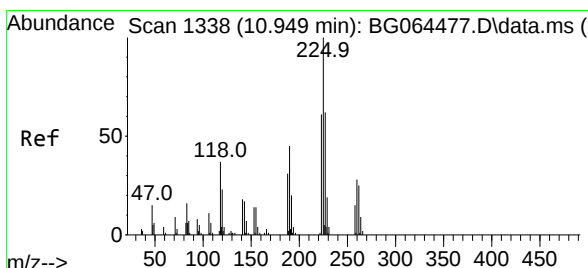
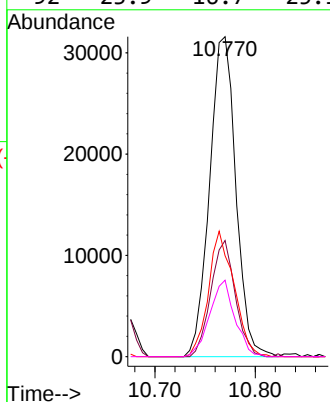
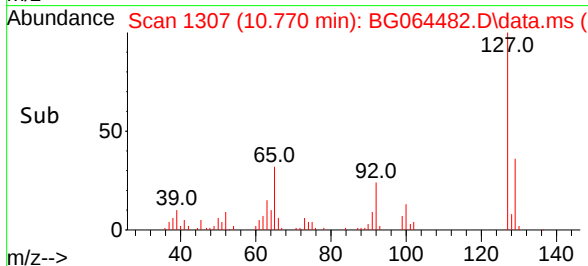
Tgt Ion:	127	Resp:	5757
Ion Ratio	Lower	Upper	
127	100		
129	36.3	24.2	36.4
65	31.5	29.6	44.4
92	23.9	16.7	25.1

Manual Integrations

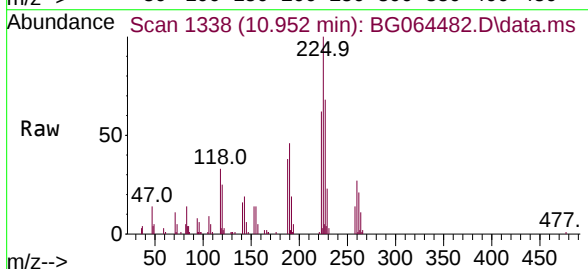
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

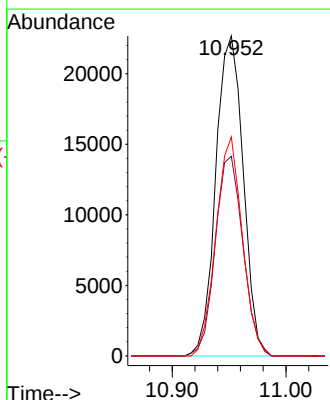
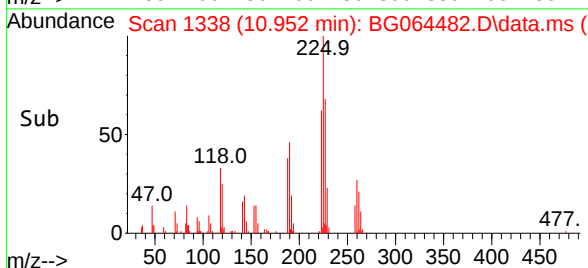
Supervised By :Jagrut Upadhyay 10/03/2025

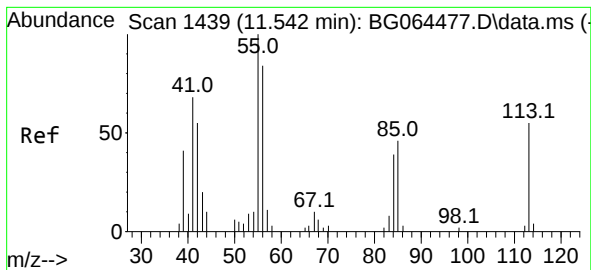


#34
Hexachlorobutadiene
Concen: 36.587 ng
RT: 10.952 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:	225	Resp:	37931
Ion Ratio	Lower	Upper	
225	100		
223	65.8	49.0	73.6
227	68.4	49.9	74.9





#35

Caprolactam

Concen: 38.812 ng

RT: 11.534 min Scan# 14

Delta R.T. 0.023 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:113 Resp: 14752

Ion Ratio Lower Upper

113 100

55 194.4 162.0 202.0

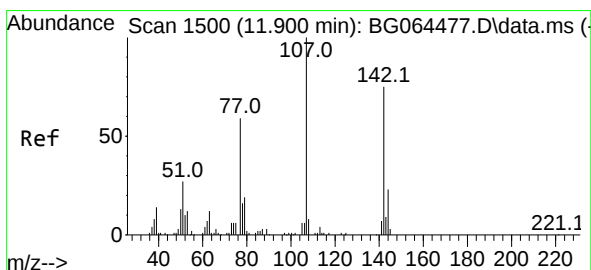
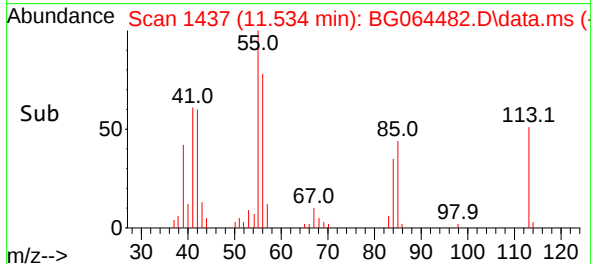
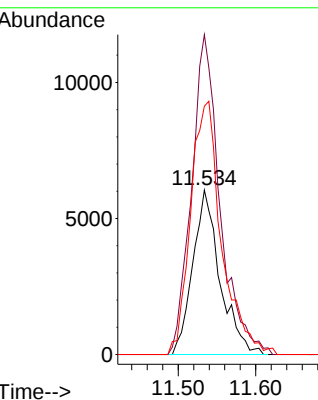
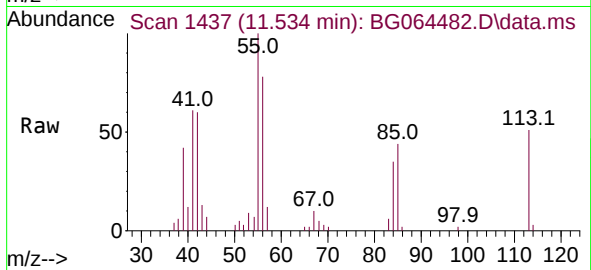
56 150.9 134.6 174.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 38.389 ng

RT: 11.898 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

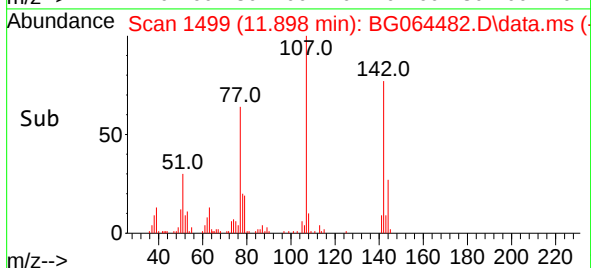
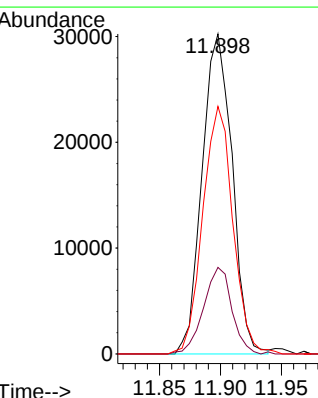
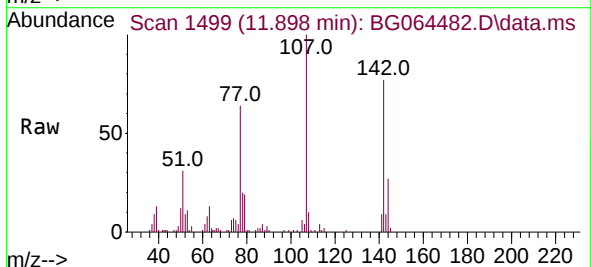
Tgt Ion:107 Resp: 51832

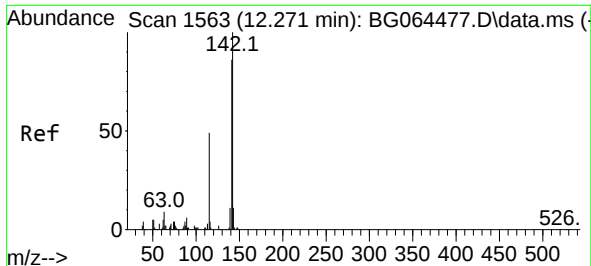
Ion Ratio Lower Upper

107 100

144 27.0 18.7 28.1

142 77.3 60.2 90.2





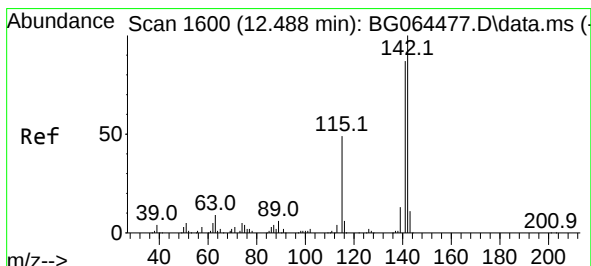
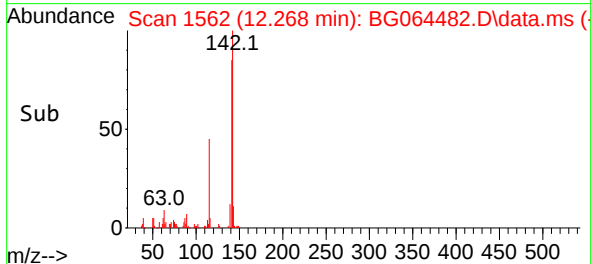
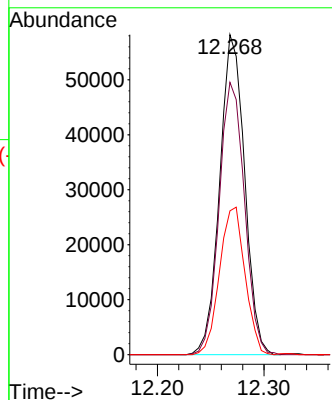
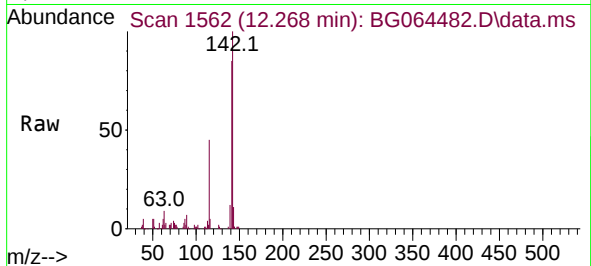
#37
2-Methylnaphthalene
Concen: 35.191 ng
RT: 12.268 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:142 Resp: 94732
Ion Ratio Lower Upper
142 100
141 85.1 68.7 103.1
115 44.9 39.3 58.9

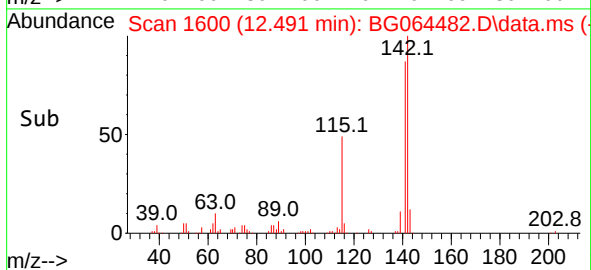
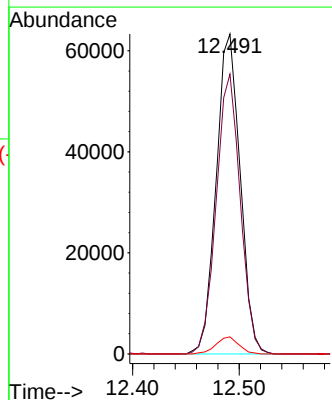
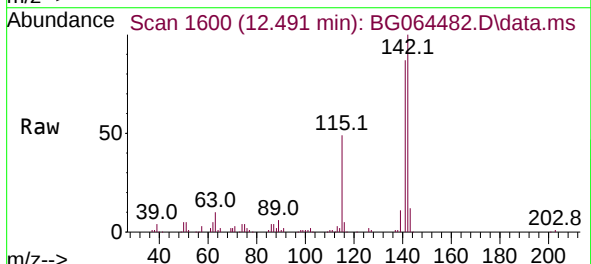
Manual Integrations
APPROVED

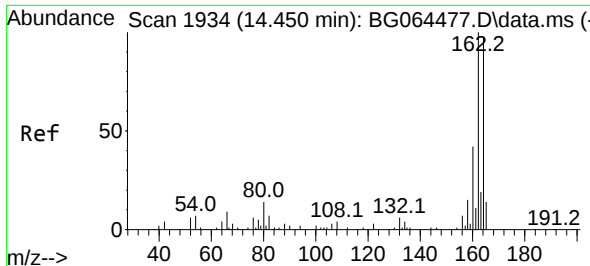
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 36.933 ng
RT: 12.491 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:142 Resp: 99137
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.8
116 5.3 4.6 6.8





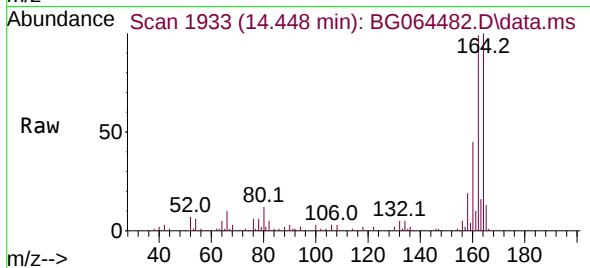
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

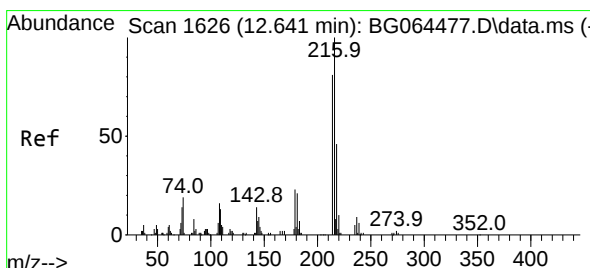
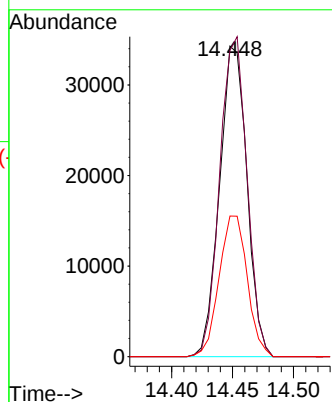
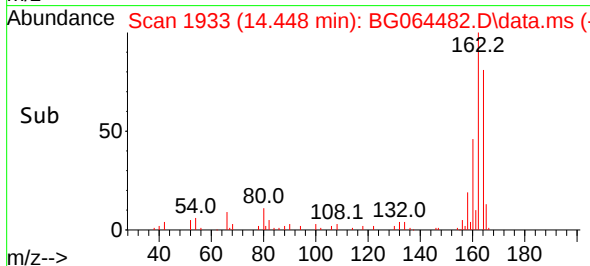


Tgt Ion:164 Resp: 53704
Ion Ratio Lower Upper
164 100
162 98.6 82.2 123.2
160 45.3 34.3 51.5

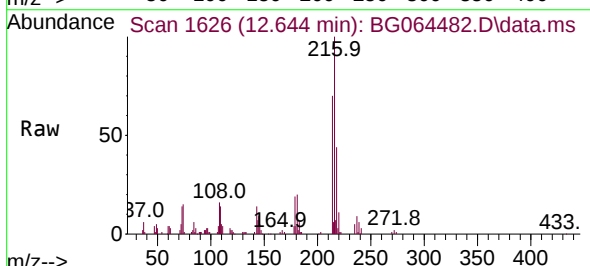
Manual Integrations

APPROVED

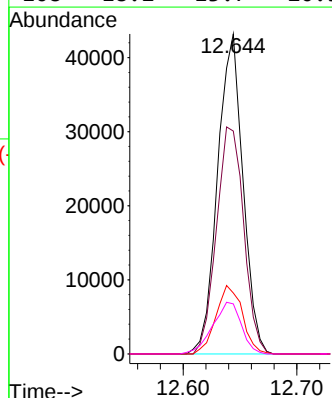
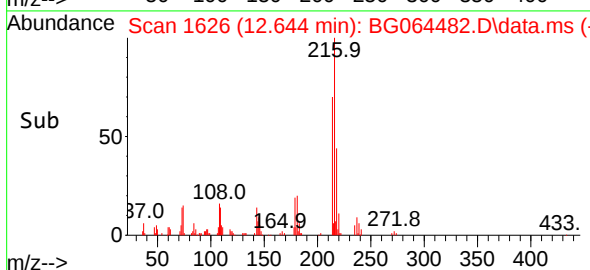
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

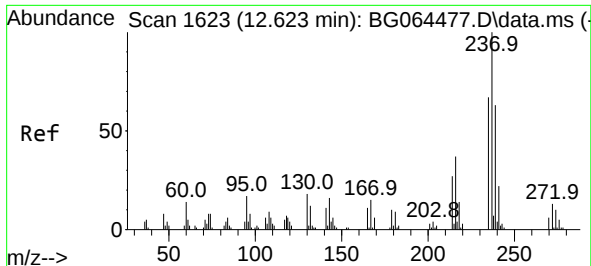


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.511 ng
RT: 12.644 min Scan# 1626
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



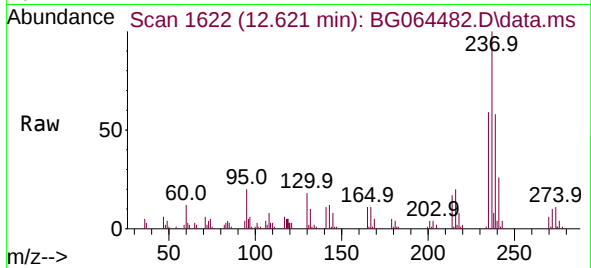
Tgt Ion:216 Resp: 66779
Ion Ratio Lower Upper
216 100
214 76.2 62.5 93.7
179 22.3 17.0 25.6
108 18.2 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 50.483 ng
RT: 12.621 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

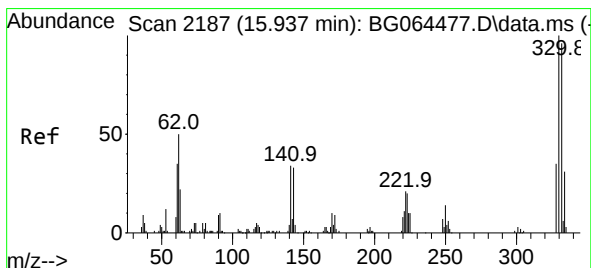
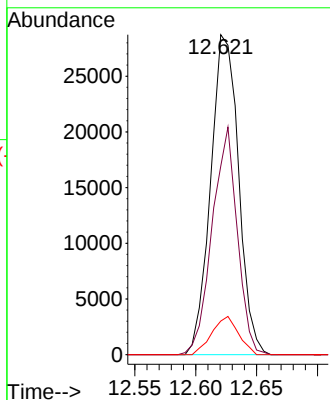
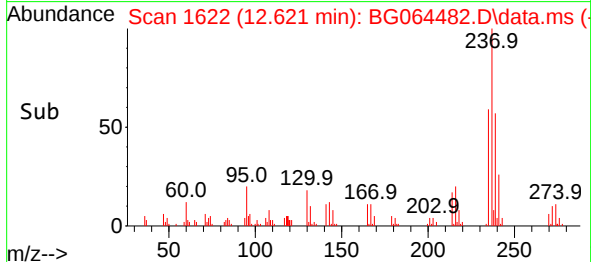
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:237 Resp: 45790
Ion Ratio Lower Upper
237 100
235 58.9 46.9 86.9
272 10.5 0.0 32.6

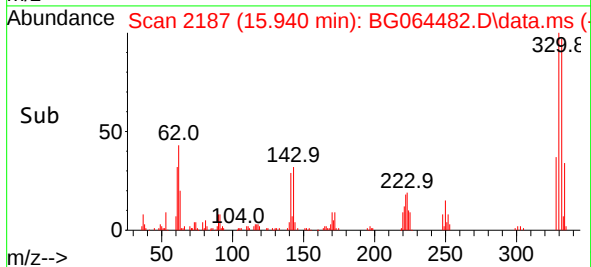
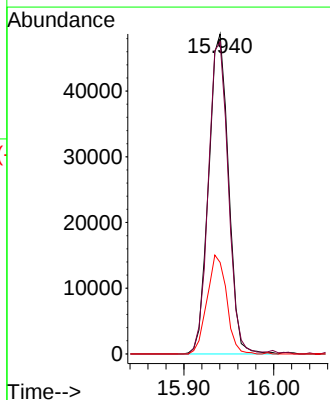
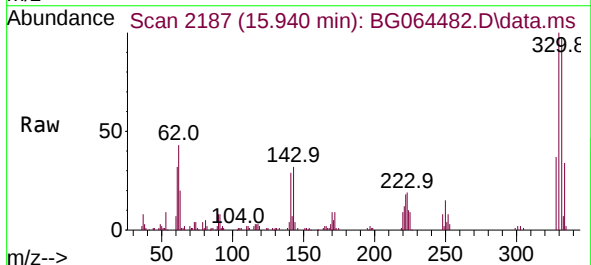
Manual Integrations
APPROVED

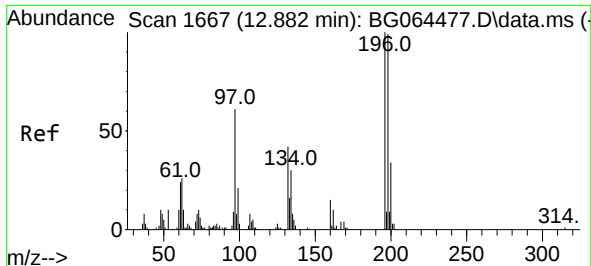
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#42
2,4,6-Tribromophenol
Concen: 76.705 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:330 Resp: 74669
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 30.4 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 39.030 ng
RT: 12.879 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

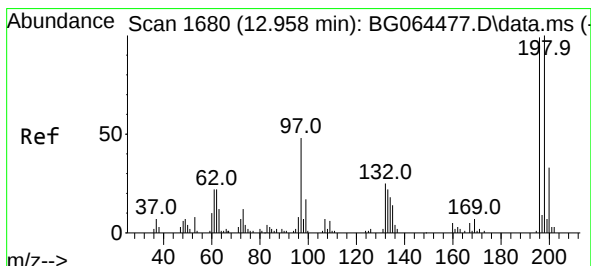
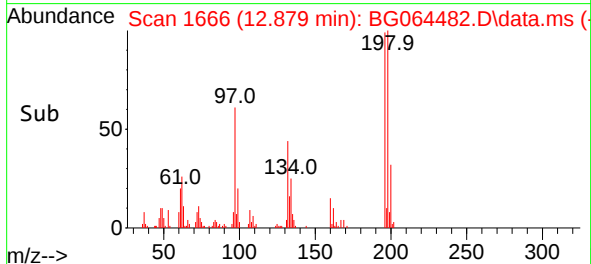
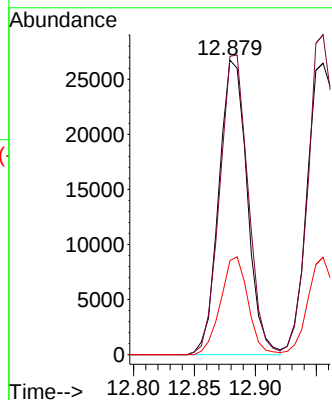
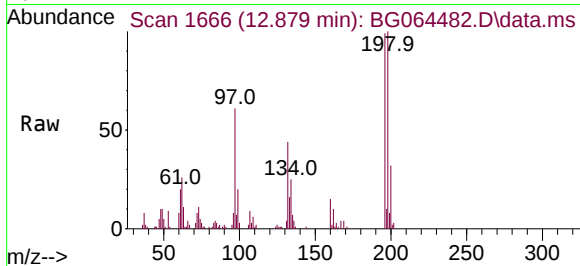
ICVBG100225

Tgt Ion:196 Resp: 43264
Ion Ratio Lower Upper
196 100
198 101.3 79.3 118.9
200 31.9 27.4 41.2

Manual Integrations

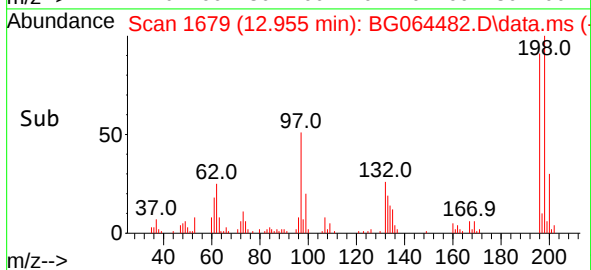
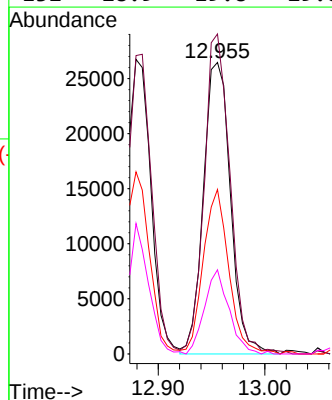
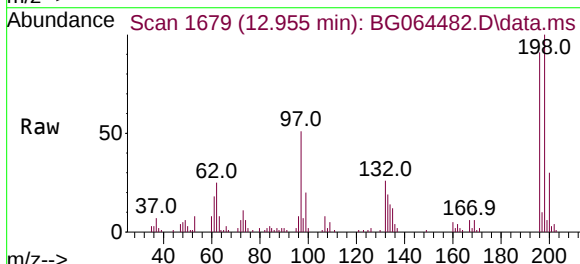
APPROVED

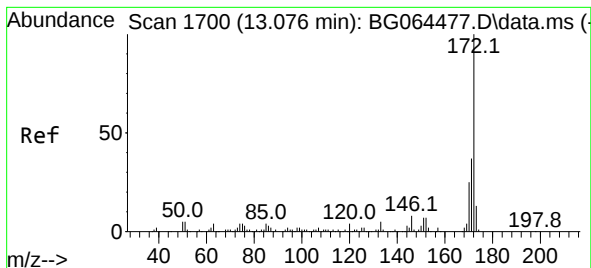
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 37.827 ng
RT: 12.955 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

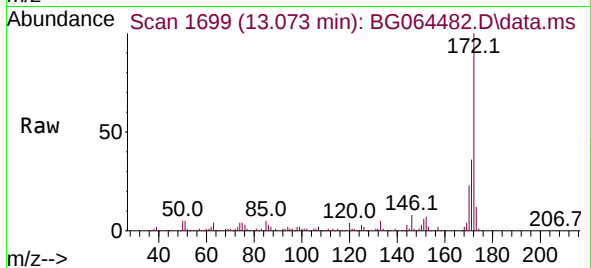
Tgt Ion:196 Resp: 46812
Ion Ratio Lower Upper
196 100
198 109.8 80.3 120.5
97 56.4 39.4 59.0
132 28.9 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 74.539 ng
RT: 13.073 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

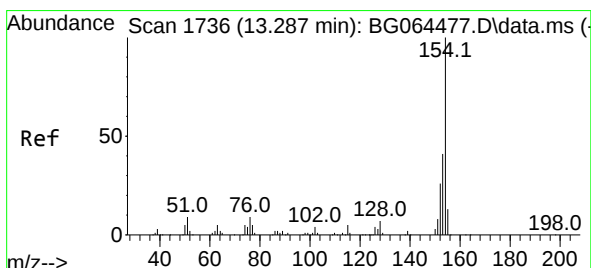
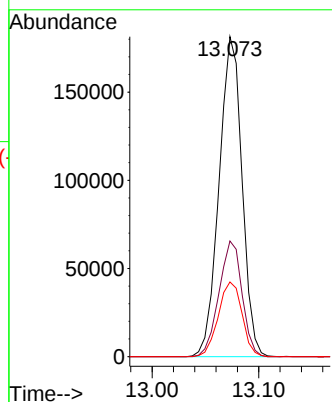
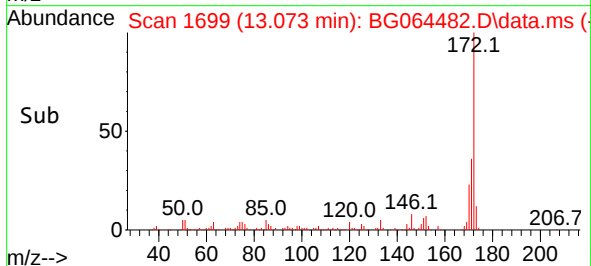
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



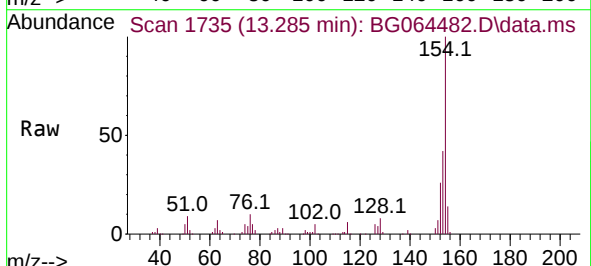
Tgt Ion:172 Resp: 271576
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.4 20.2 30.2

Manual Integrations
APPROVED

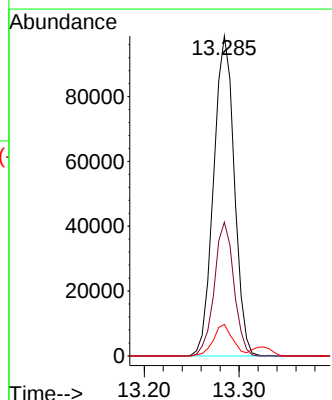
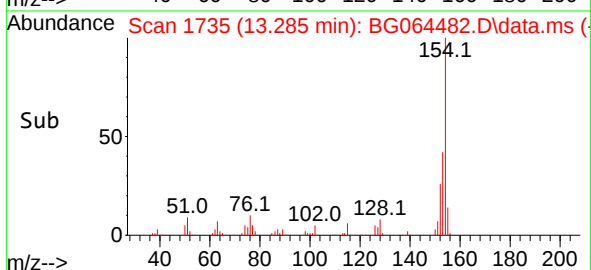
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

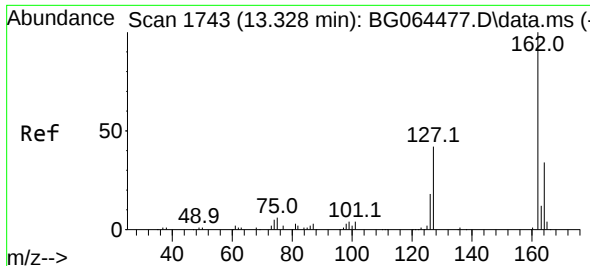


#46
1,1'-Biphenyl
Concen: 38.735 ng
RT: 13.285 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:154 Resp: 149616
Ion Ratio Lower Upper
154 100
153 41.8 20.7 60.7
76 9.8 0.0 29.3





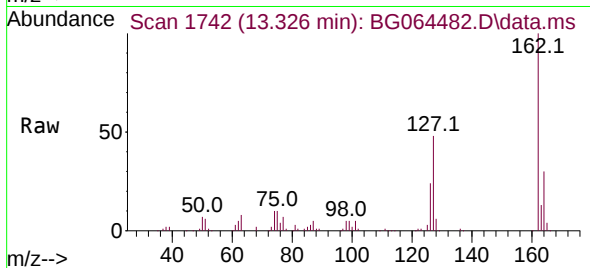
#47
2-Chloronaphthalene
Concen: 37.716 ng
RT: 13.326 min Scan# 1743
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



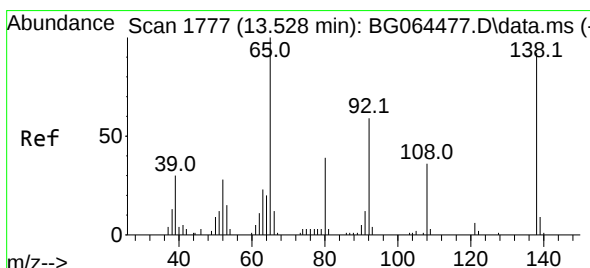
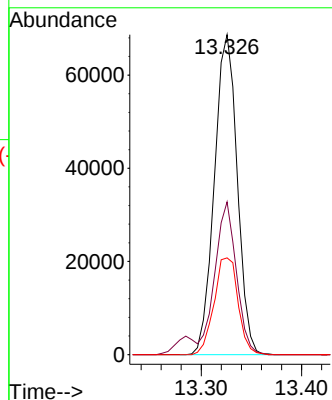
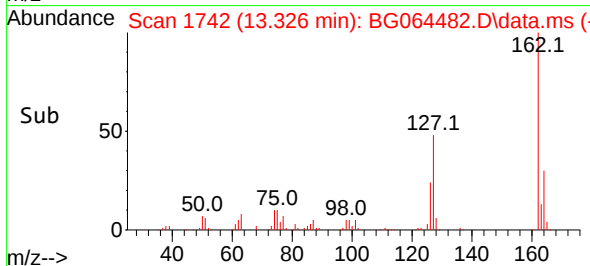
Tgt Ion:162 Resp: 108769
Ion Ratio Lower Upper
162 100
127 47.7 35.8 53.8
164 30.2 27.2 40.8

Manual Integrations

APPROVED

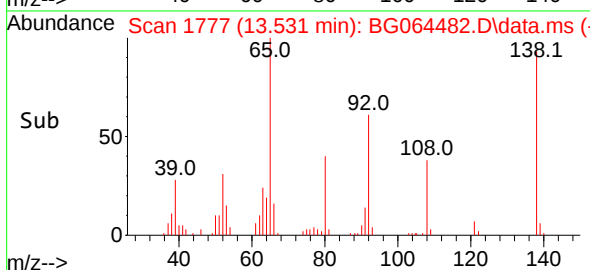
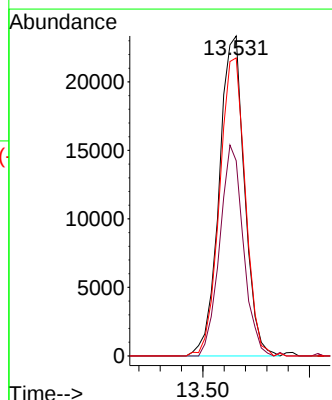
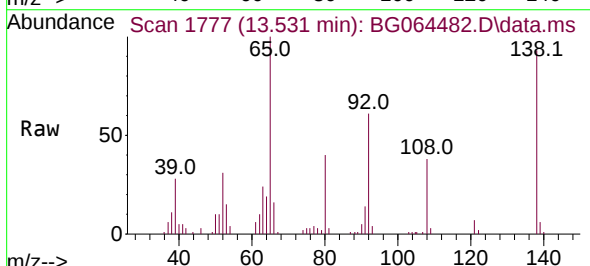
Reviewed By :Rahul Chavli 10/03/2025

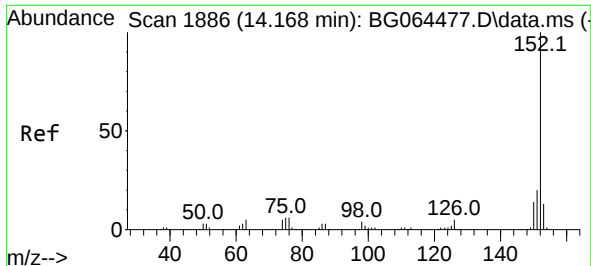
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 39.151 ng
RT: 13.531 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 65 Resp: 38535
Ion Ratio Lower Upper
65 100
92 61.0 47.0 70.6
138 93.2 73.5 110.3





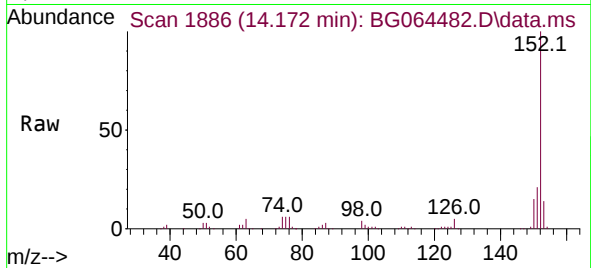
#49
Acenaphthylene
Concen: 43.842 ng
RT: 14.172 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



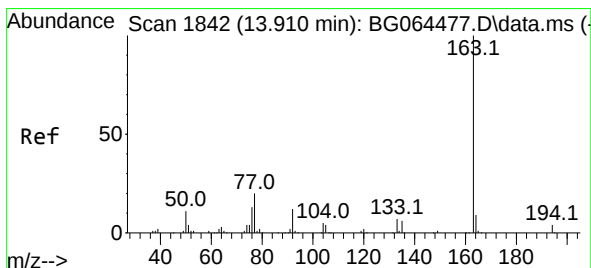
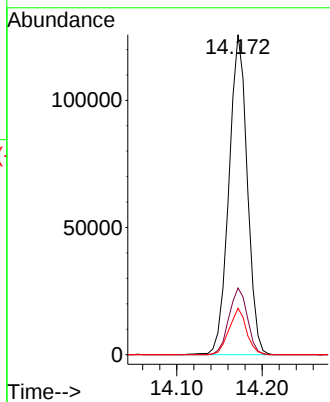
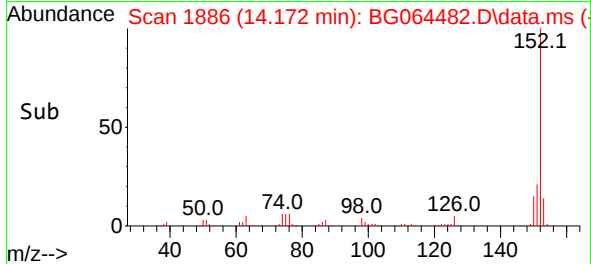
Tgt Ion:152 Resp: 187686
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 14.5 10.6 15.8

Manual Integrations

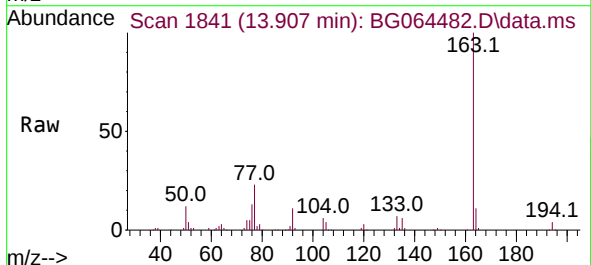
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

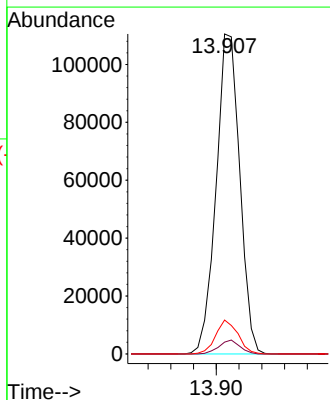
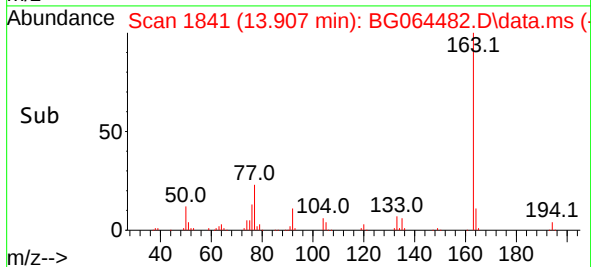
Supervised By :Jagrut Upadhyay 10/03/2025

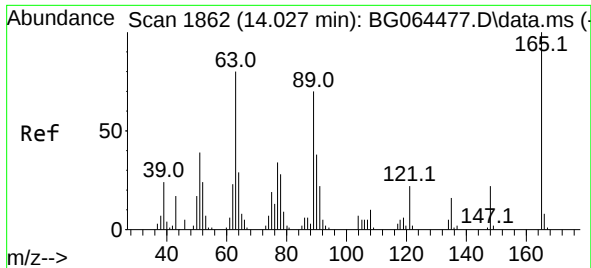


#50
Dimethylphthalate
Concen: 37.903 ng
RT: 13.907 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



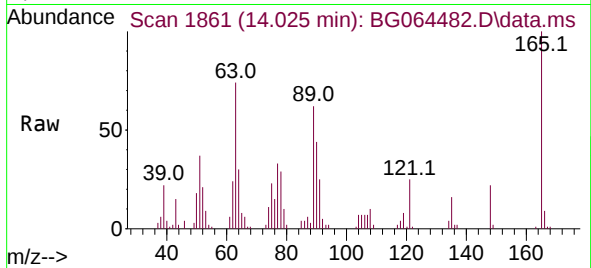
Tgt Ion:163 Resp: 159424
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.6 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 38.742 ng
RT: 14.025 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

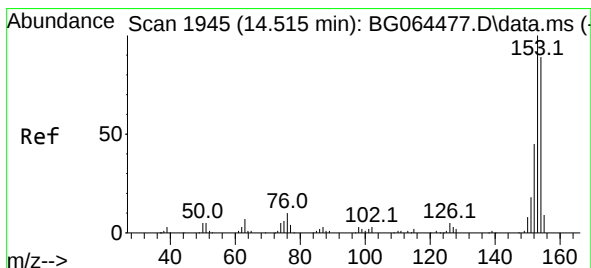
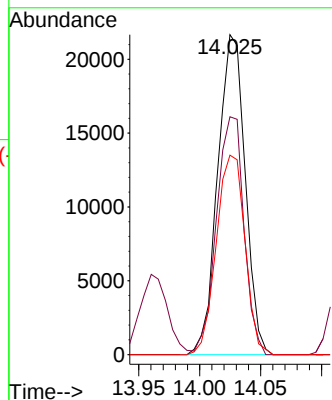
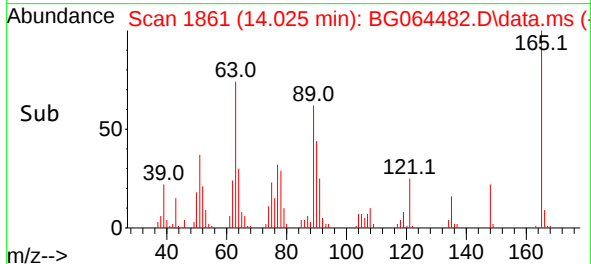
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:165 Resp: 33945
Ion Ratio Lower Upper
165 100
63 74.3 63.9 95.9
89 62.3 56.1 84.1

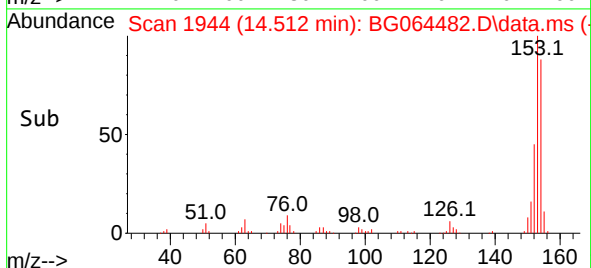
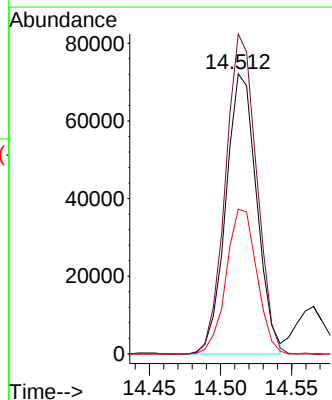
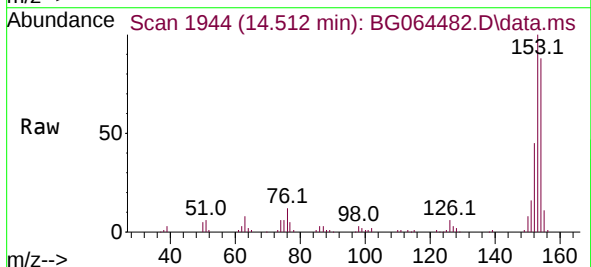
Manual Integrations
APPROVED

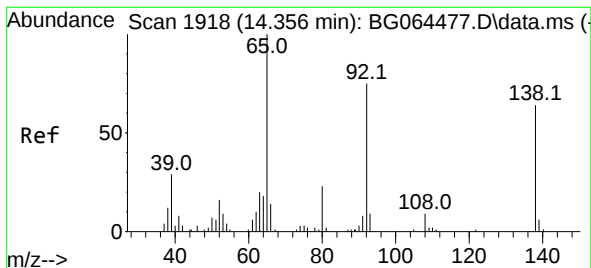
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 36.666 ng
RT: 14.512 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

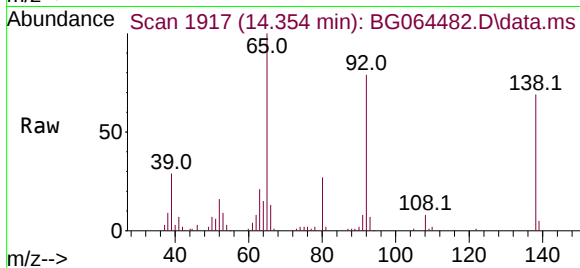
Tgt Ion:154 Resp: 109054
Ion Ratio Lower Upper
154 100
153 114.2 90.2 135.4
152 51.7 40.2 60.4





#53
3-Nitroaniline
Concen: 40.727 ng
RT: 14.354 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

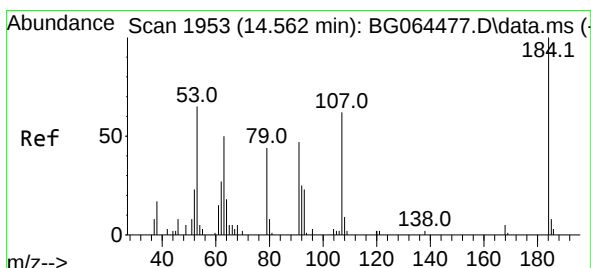
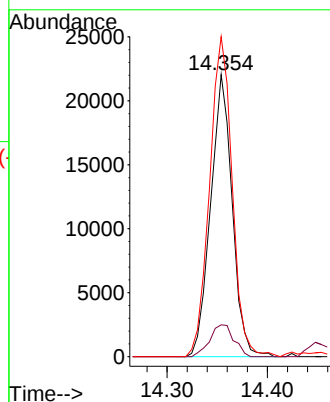
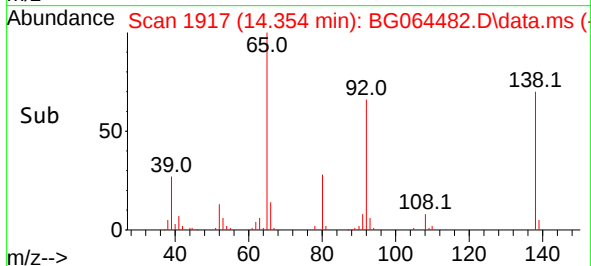
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:138 Resp: 32910
Ion Ratio Lower Upper
138 100
108 11.2 10.6 15.8
92 113.5 93.2 139.8

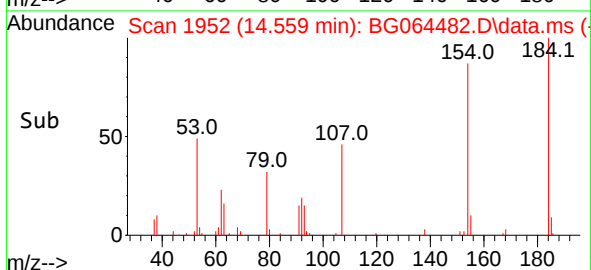
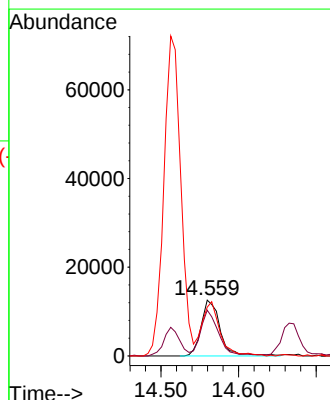
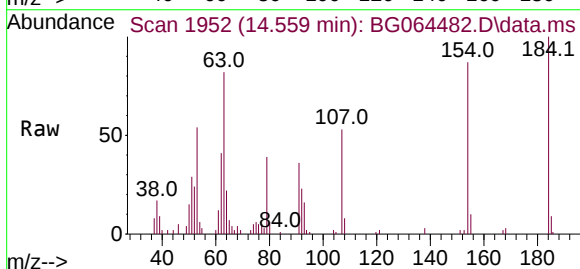
Manual Integrations
APPROVED

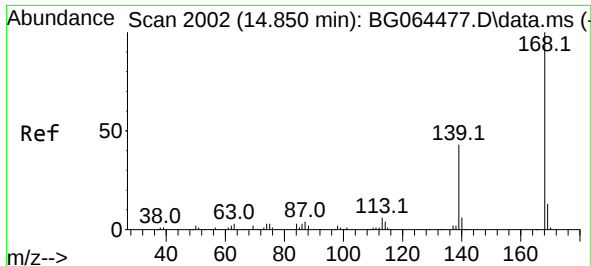
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 33.540 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:184 Resp: 21309
Ion Ratio Lower Upper
184 100
63 82.0 69.0 103.4
154 87.3 95.6 143.4#





#55
Dibenzenofuran
Concen: 38.141 ng
RT: 14.847 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

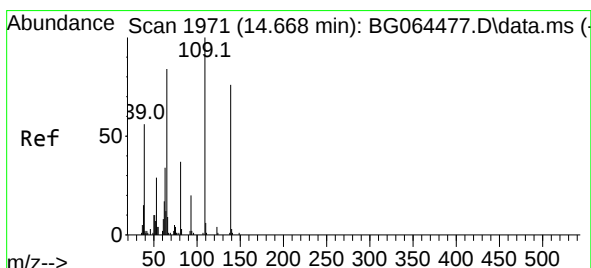
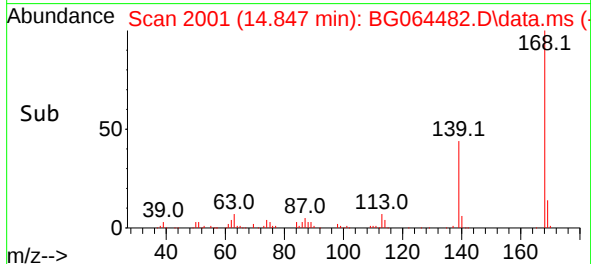
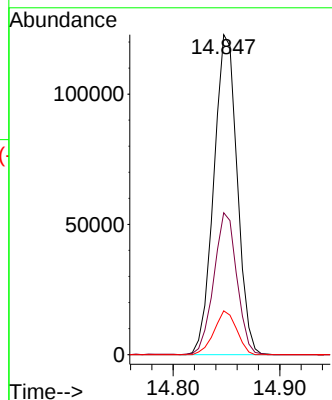
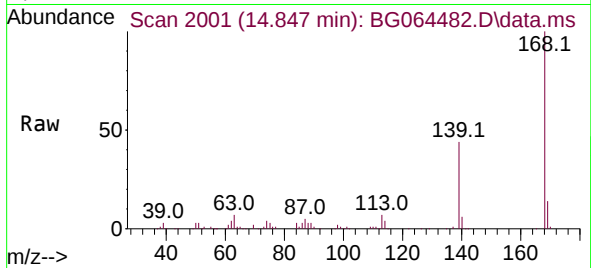
Tgt Ion:168 Resp: 187307
Ion Ratio Lower Upper
168 100
139 44.3 34.0 51.0
169 13.7 10.2 15.2

Manual Integrations

APPROVED

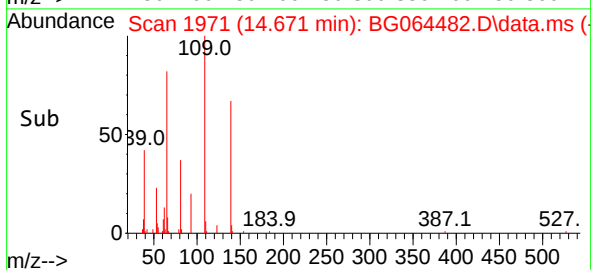
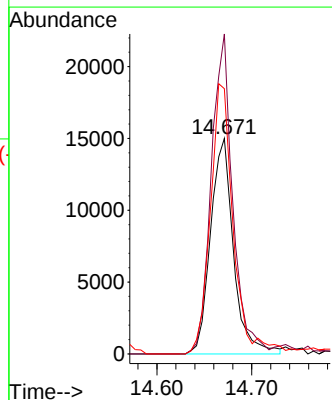
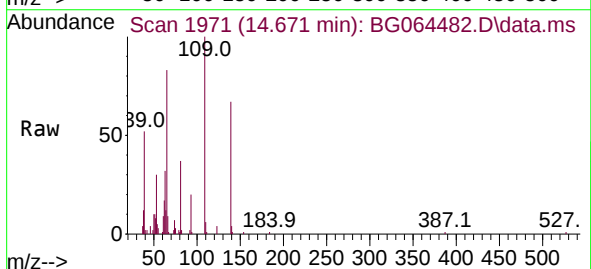
Reviewed By :Rahul Chavli 10/03/2025

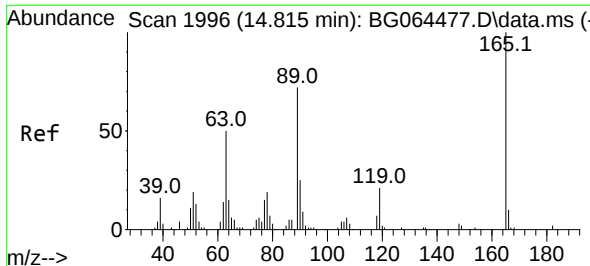
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 39.712 ng
RT: 14.671 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 25265
Ion Ratio Lower Upper
139 100
109 148.6 111.8 151.8
65 123.1 91.1 131.1





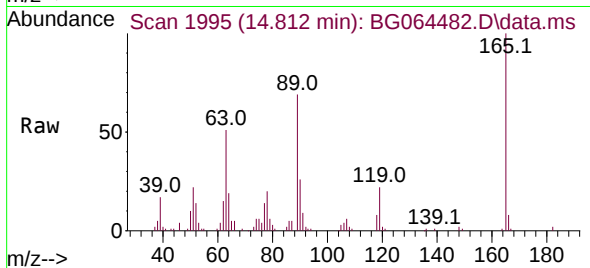
#57
2,4-Dinitrotoluene
Concen: 39.388 ng
RT: 14.812 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



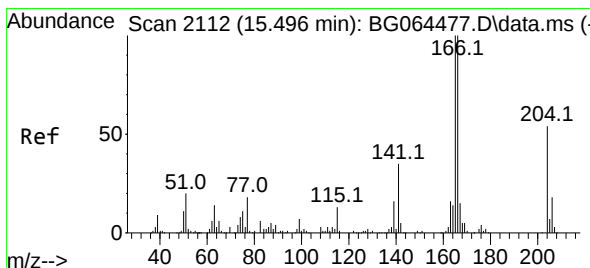
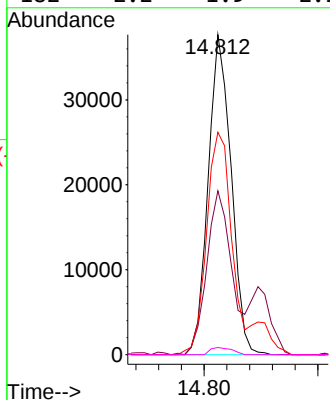
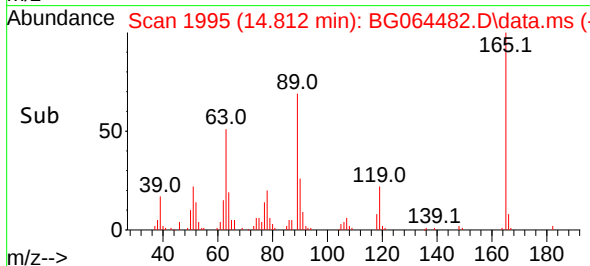
Tgt Ion:165 Resp: 52752
Ion Ratio Lower Upper
165 100
63 51.2 40.4 60.6
89 69.5 57.3 85.9
182 2.2 1.9 2.9

Manual Integrations

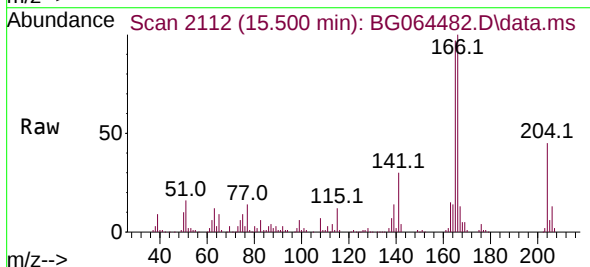
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

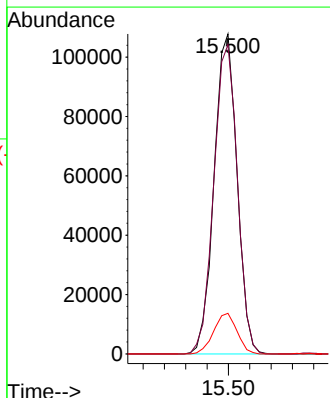
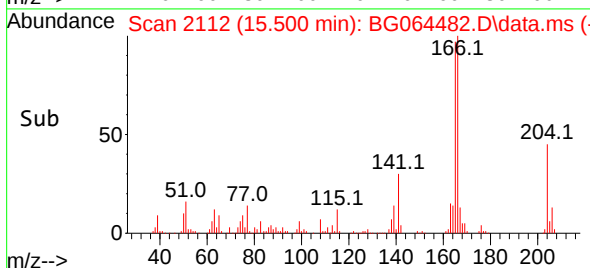
Supervised By :Jagrut Upadhyay 10/03/2025

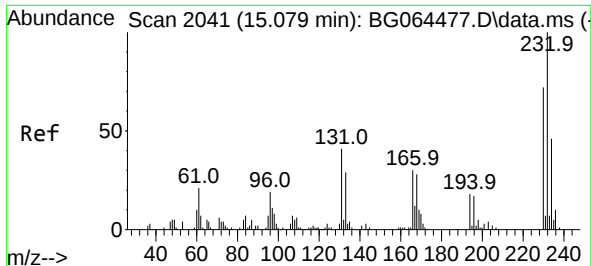


#58
Fluorene
Concen: 39.456 ng
RT: 15.500 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:166 Resp: 161086
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 12.7 11.7 17.5





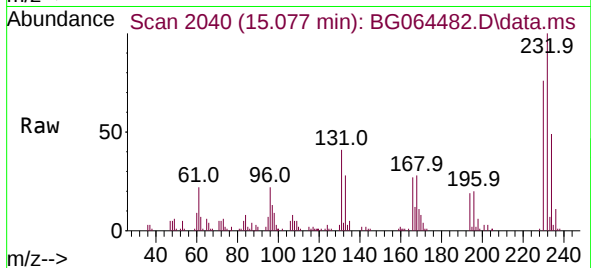
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.021 ng
RT: 15.077 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



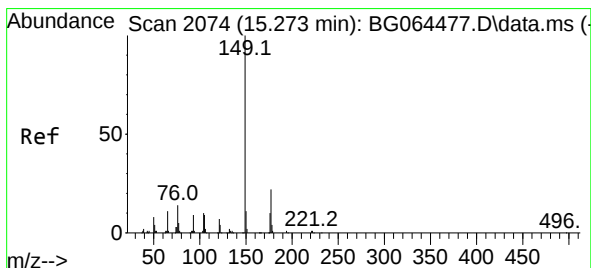
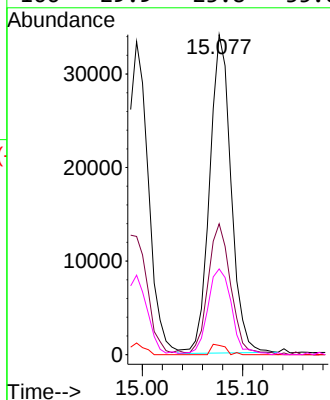
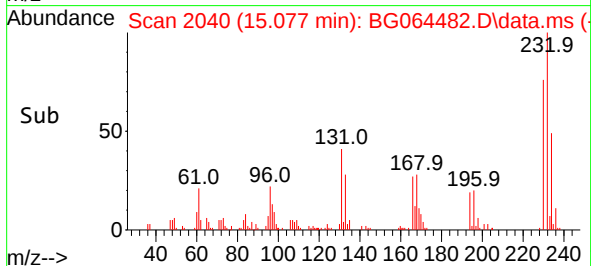
Tgt Ion:232 Resp: 50545
Ion Ratio Lower Upper
232 100
131 43.8 35.0 52.4
130 2.2 2.0 3.0
166 29.9 23.8 35.6

Manual Integrations

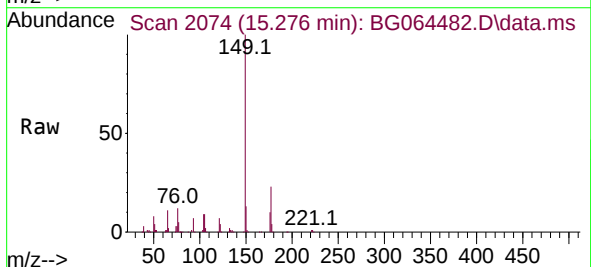
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

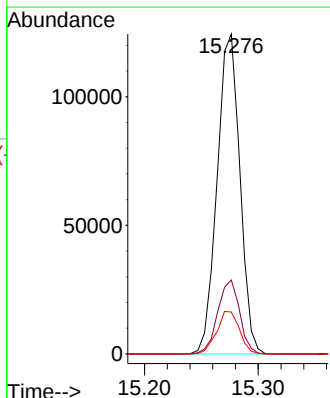
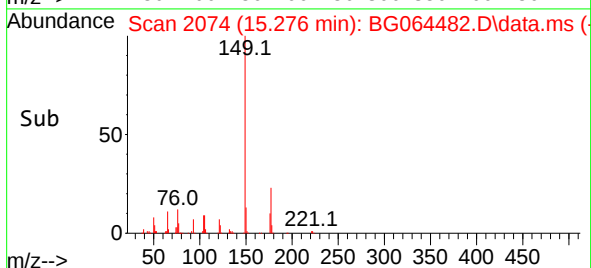
Supervised By :Jagrut Upadhyay 10/03/2025

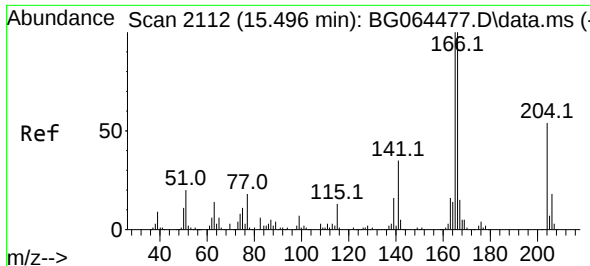


#60
Diethylphthalate
Concen: 38.317 ng
RT: 15.276 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:149 Resp: 172891
Ion Ratio Lower Upper
149 100
177 23.1 17.4 26.0
150 13.1 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 36.432 ng
RT: 15.494 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

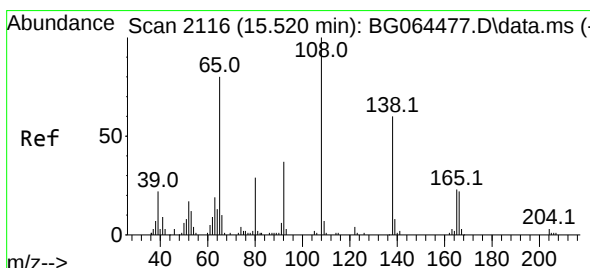
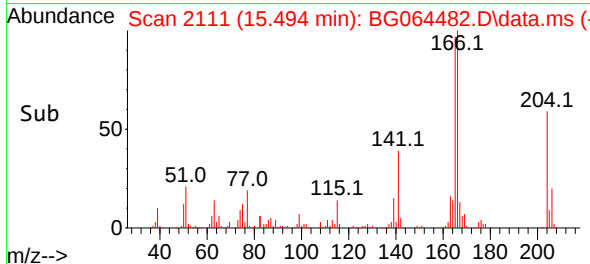
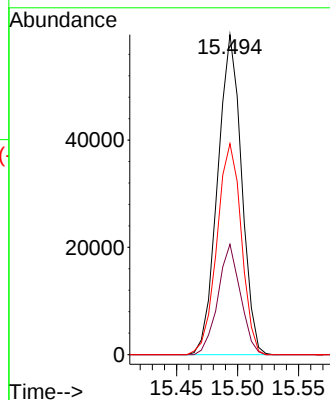
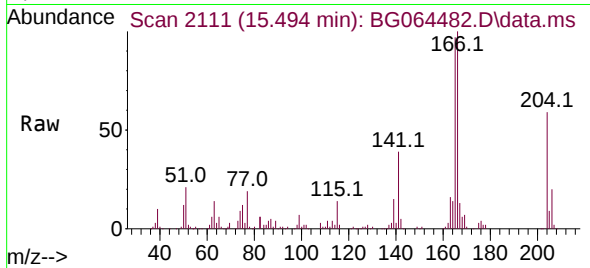
ICVBG100225

Tgt Ion:204 Resp: 81203
Ion Ratio Lower Upper
204 100
206 34.5 27.1 40.7
141 65.9 51.5 77.3

Manual Integrations

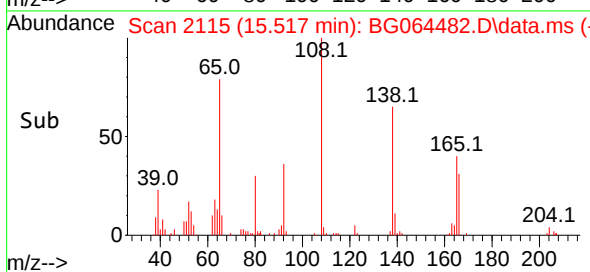
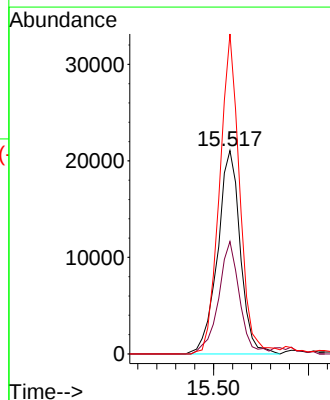
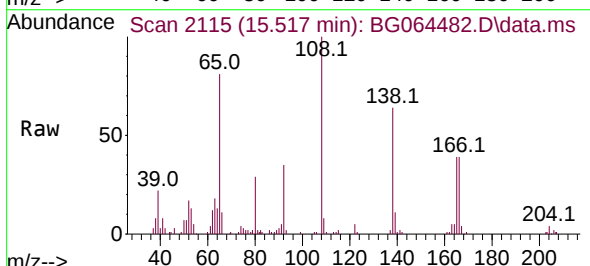
APPROVED

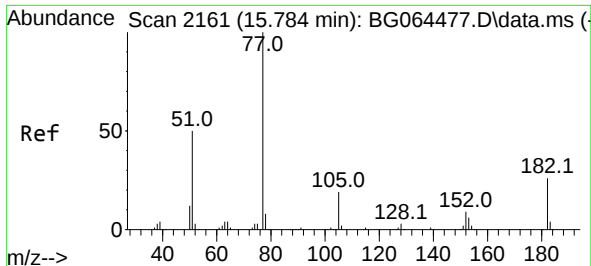
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 41.435 ng
RT: 15.517 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

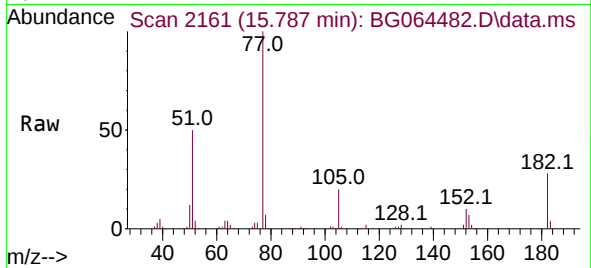
Tgt Ion:138 Resp: 34897
Ion Ratio Lower Upper
138 100
92 55.3 42.3 82.3
108 157.4 147.7 187.7





#63
Azobenzene
Concen: 38.553 ng
RT: 15.787 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

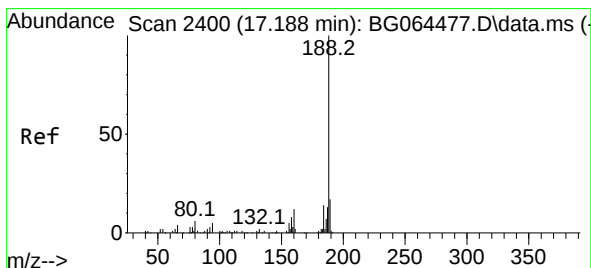
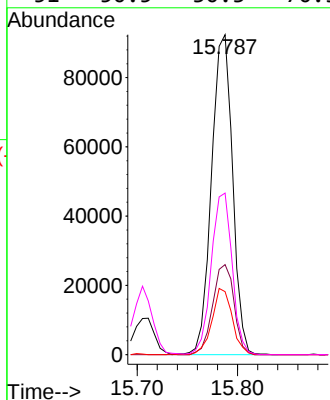
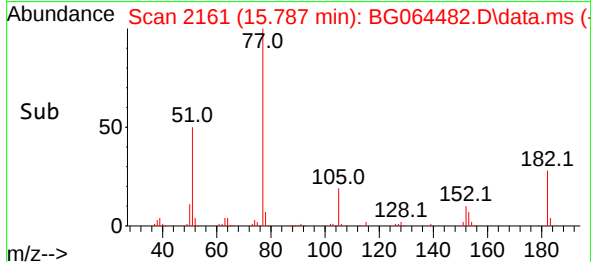
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



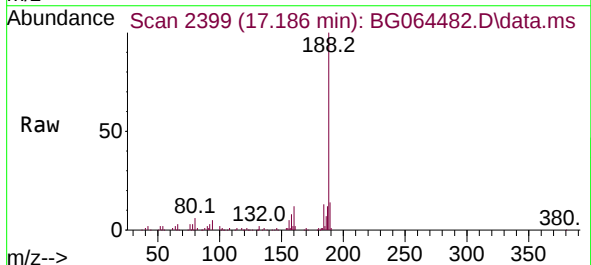
Tgt Ion: 77 Resp: 134722
Ion Ratio Lower Upper
77 100
182 28.1 6.3 46.3
105 19.7 0.0 38.7
51 50.5 30.3 70.3

Manual Integrations
APPROVED

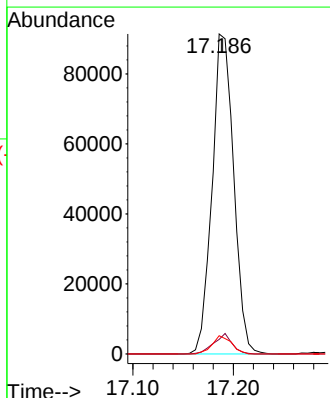
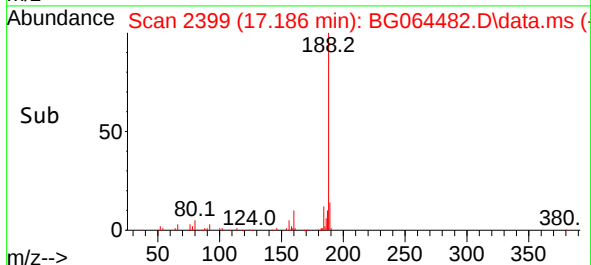
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

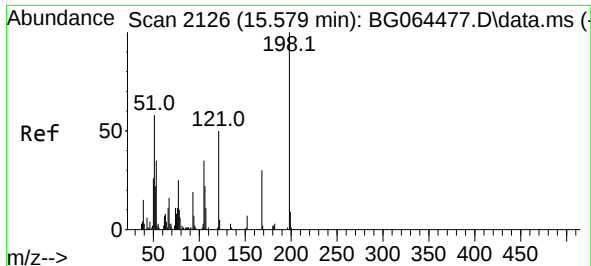


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:188 Resp: 136982
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 5.7 4.5 6.7





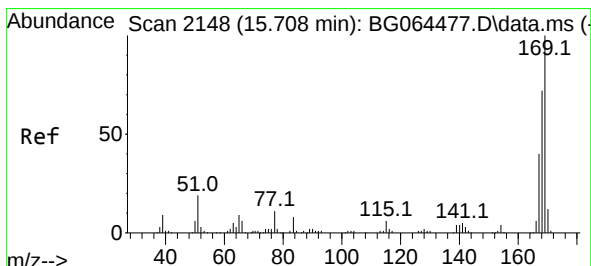
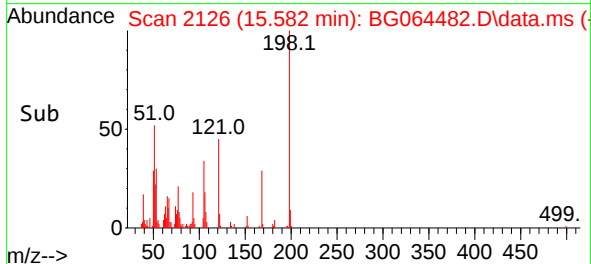
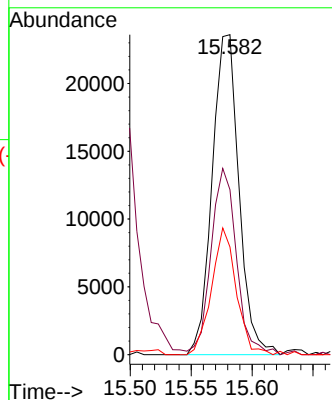
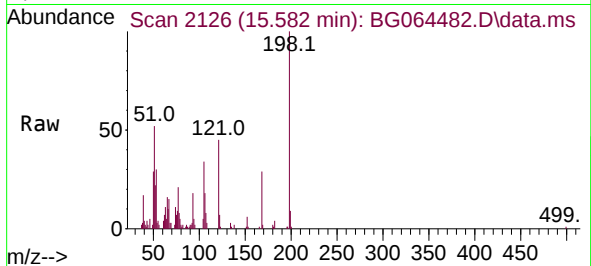
#65
4,6-Dinitro-2-methylphenol
Concen: 37.834 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:198 Resp: 36085
Ion Ratio Lower Upper
198 100
51 51.5 39.0 79.0
105 33.6 15.8 55.8

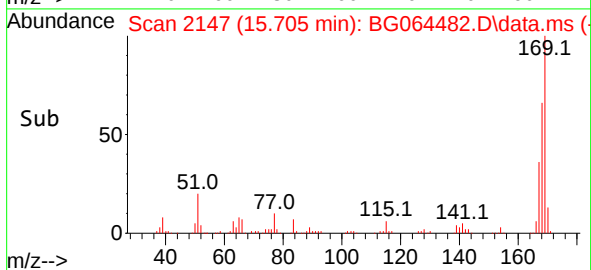
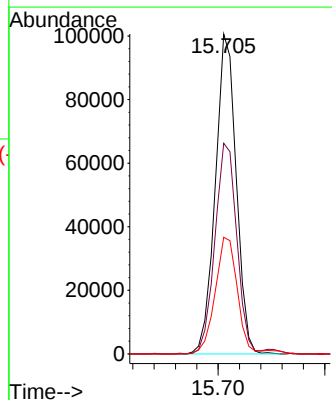
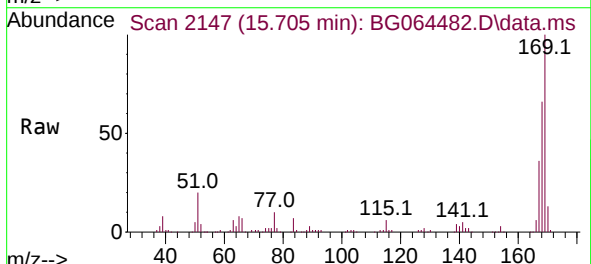
Manual Integrations
APPROVED

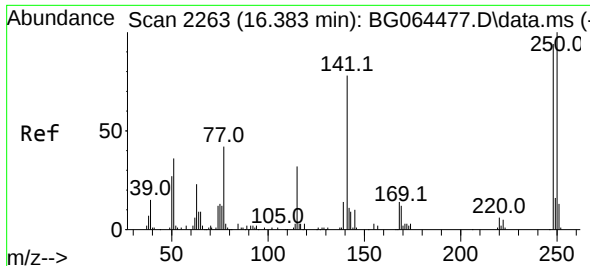
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 37.465 ng
RT: 15.705 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:169 Resp: 137047
Ion Ratio Lower Upper
169 100
168 65.8 57.8 86.6
167 36.4 31.7 47.5





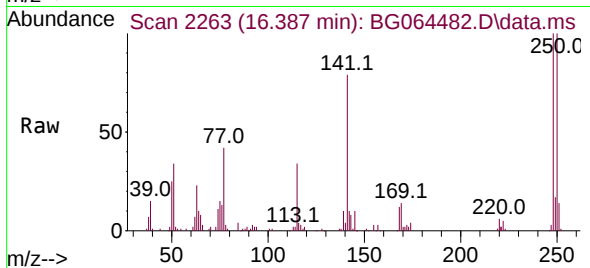
#67
4-Bromophenyl-phenylether
Concen: 36.819 ng
RT: 16.387 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

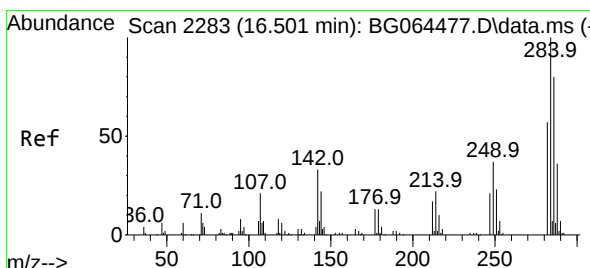
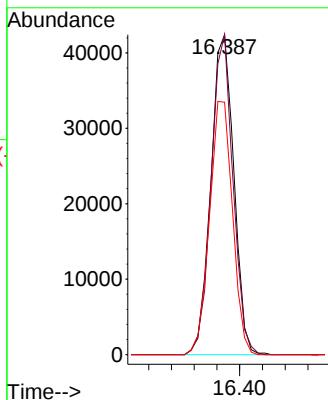
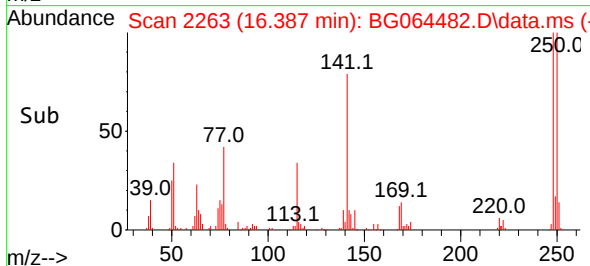


Tgt Ion:248 Resp: 5935
Ion Ratio Lower Upper
248 100
250 100.0 85.3 127.9
141 78.9 66.2 99.2

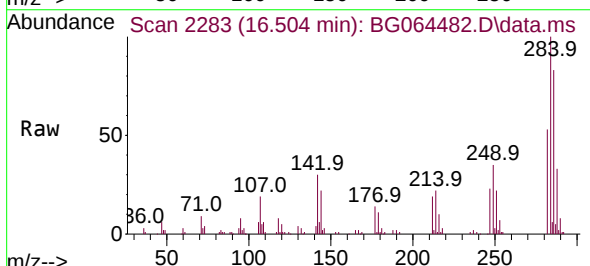
Manual Integrations

APPROVED

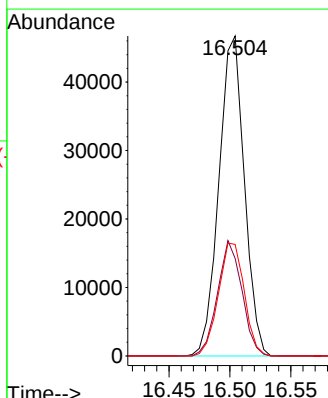
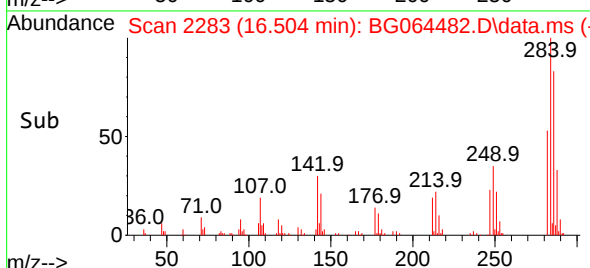
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

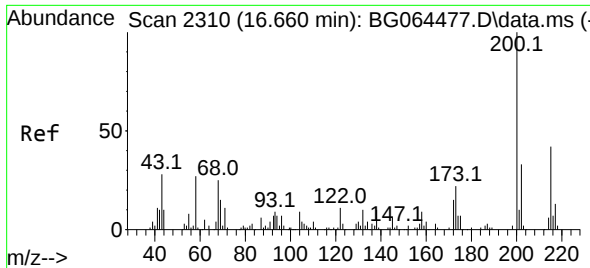


#68
Hexachlorobenzene
Concen: 36.821 ng
RT: 16.504 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:284 Resp: 67918
Ion Ratio Lower Upper
284 100
142 30.4 26.2 39.2
249 34.8 29.4 44.0





#69
 Atrazine
 Concen: 42.076 ng
 RT: 16.657 min Scan# 2309
 Delta R.T. 0.006 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

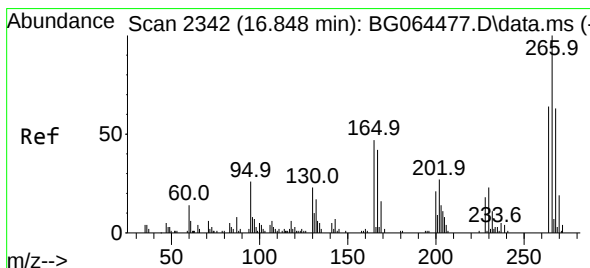
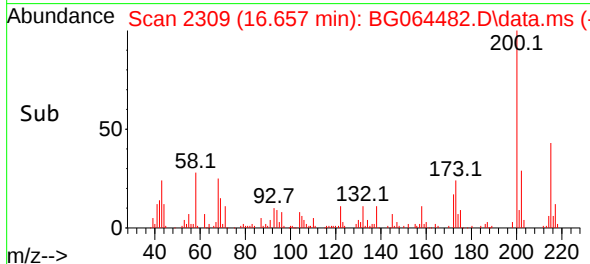
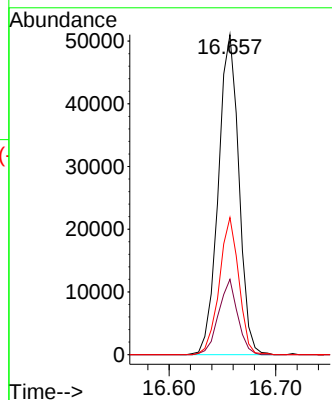
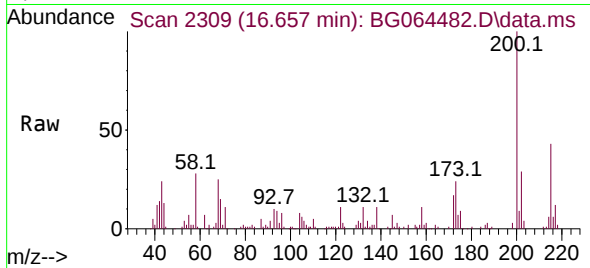
ICVBG100225

Tgt Ion:200 Resp: 68476
 Ion Ratio Lower Upper
 200 100
 173 23.5 2.5 42.5
 215 42.8 21.5 61.5

Manual Integrations

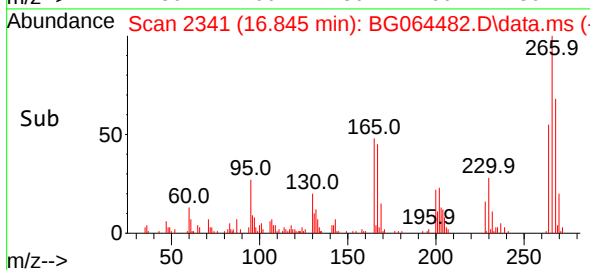
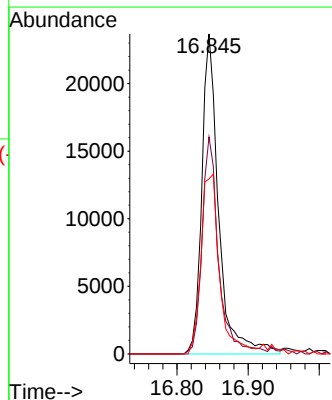
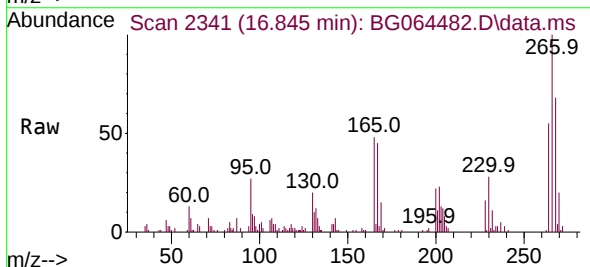
APPROVED

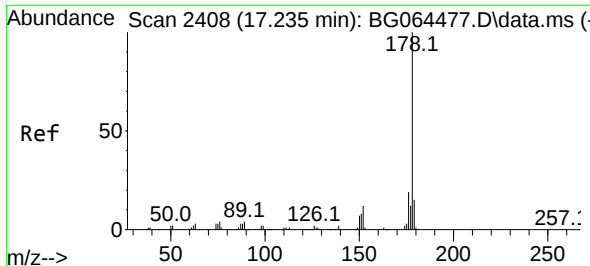
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025



#70
 Pentachlorophenol
 Concen: 36.025 ng
 RT: 16.845 min Scan# 2341
 Delta R.T. -0.000 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09

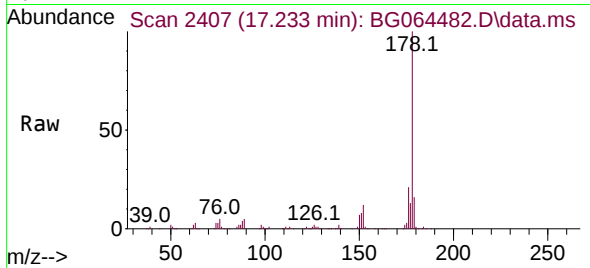
Tgt Ion:266 Resp: 38853
 Ion Ratio Lower Upper
 266 100
 268 67.8 50.6 75.8
 264 54.7 51.2 76.8





#71
Phenanthrene
Concen: 37.108 ng
RT: 17.233 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

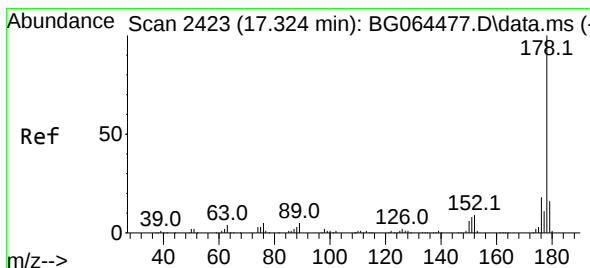
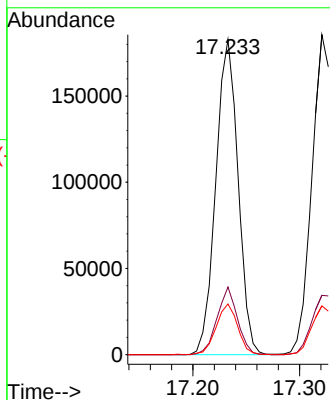
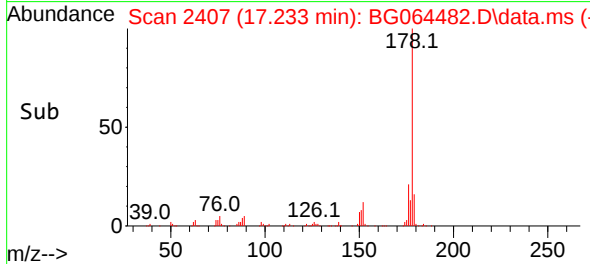
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:178 Resp: 265823
Ion Ratio Lower Upper
178 100
176 21.5 15.2 22.8
179 16.0 11.8 17.6

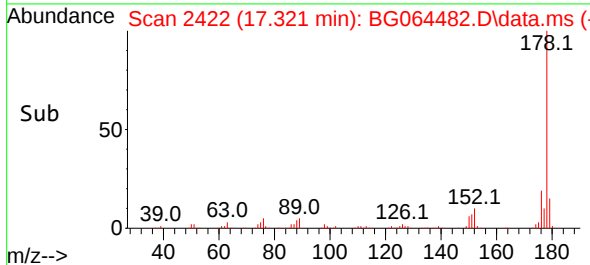
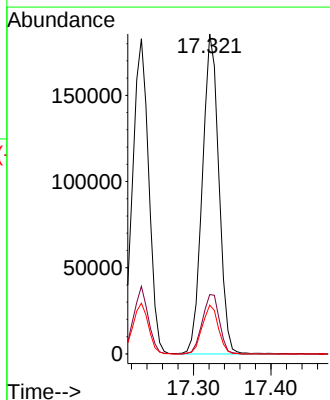
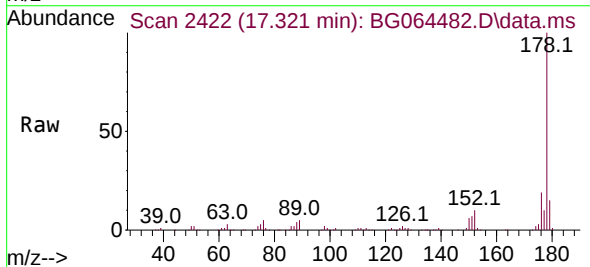
Manual Integrations
APPROVED

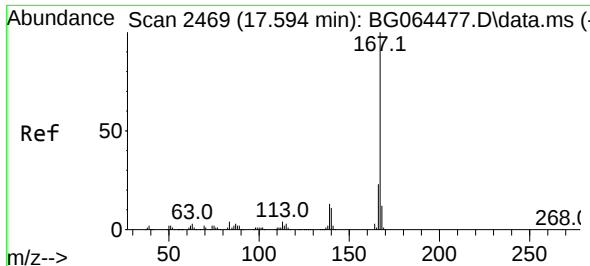
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 38.159 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:178 Resp: 274231
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.5 18.7





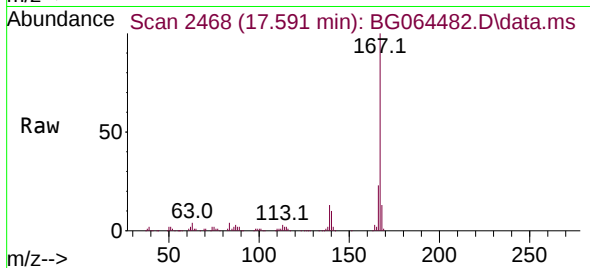
#73
 Carbazole
 Concen: 39.673 ng
 RT: 17.591 min Scan# 24644
 Delta R.T. -0.000 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



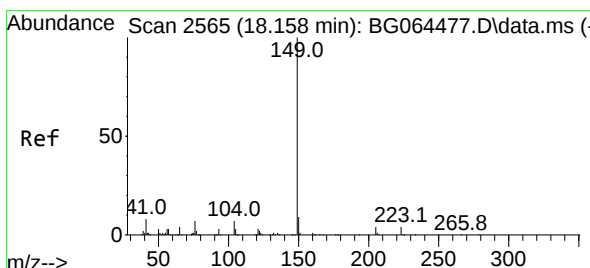
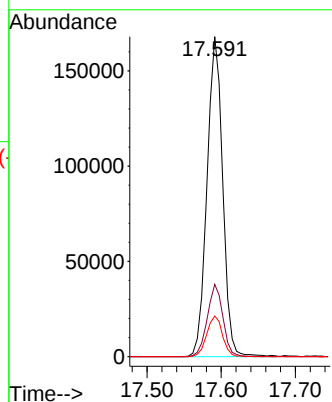
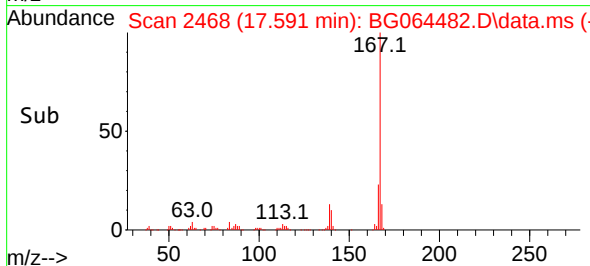
Tgt Ion:167 Resp: 246445
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 27.8
 139 12.7 10.2 15.4

Manual Integrations

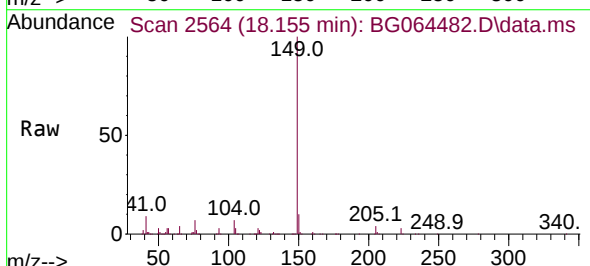
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

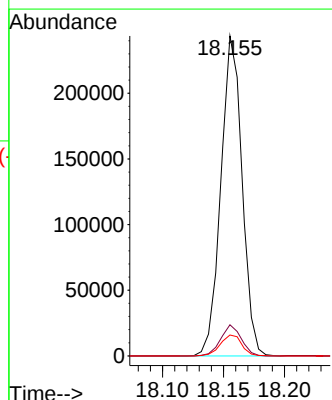
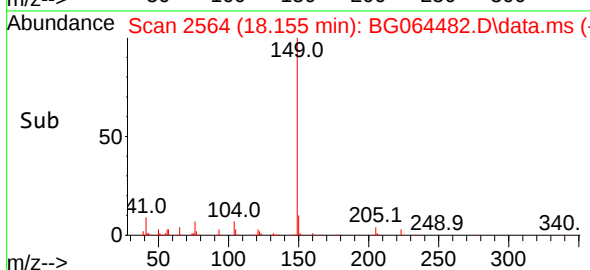
Supervised By :Jagrut Upadhyay 10/03/2025

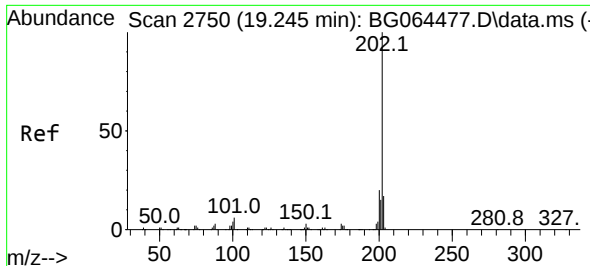


#74
 Di-n-butylphthalate
 Concen: 38.852 ng
 RT: 18.155 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09



Tgt Ion:149 Resp: 294614
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.5 5.3 7.9





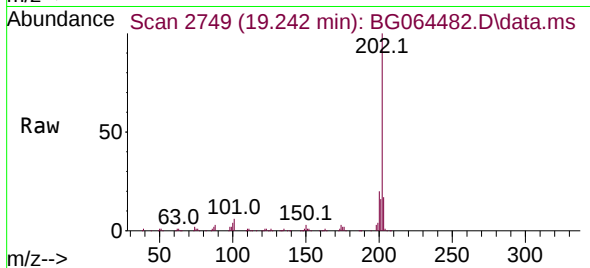
#75
Fluoranthene
Concen: 38.739 ng
RT: 19.242 min Scan# 2750
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



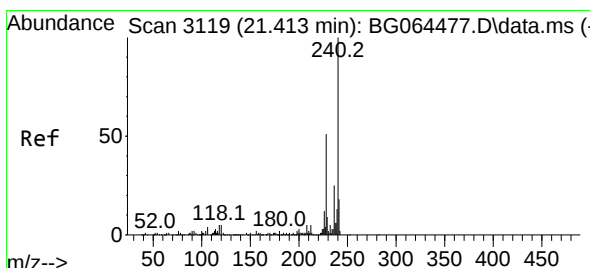
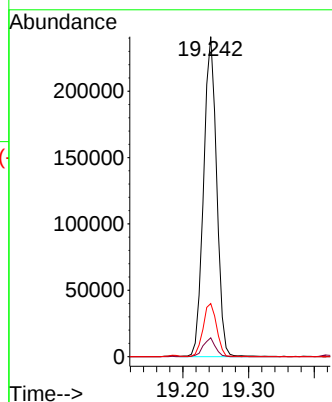
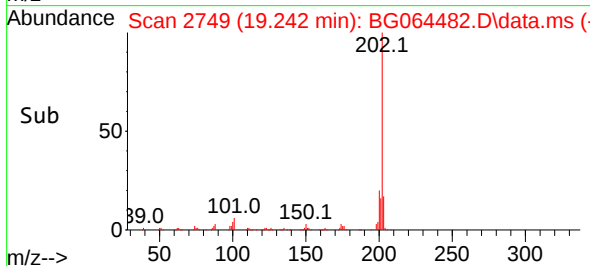
Tgt Ion:202 Resp: 331530
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.7
203 16.6 0.0 36.6

Manual Integrations

APPROVED

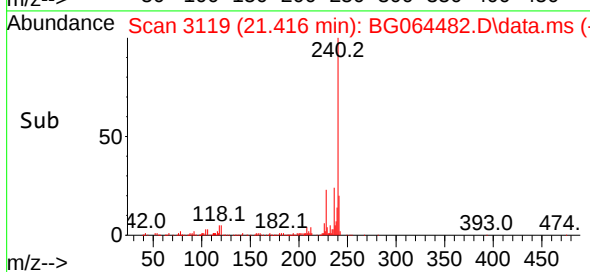
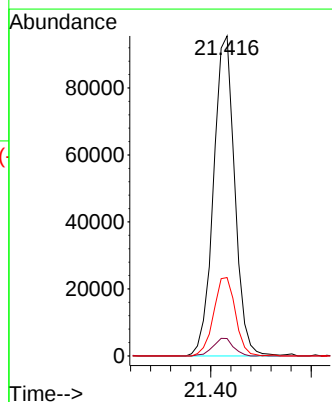
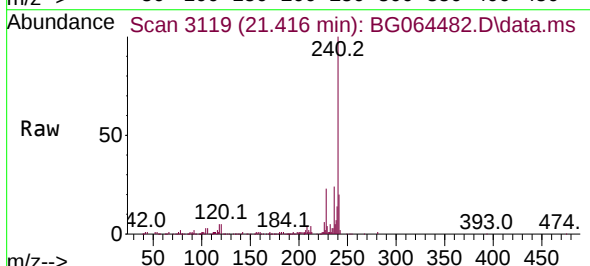
Reviewed By :Rahul Chavli 10/03/2025

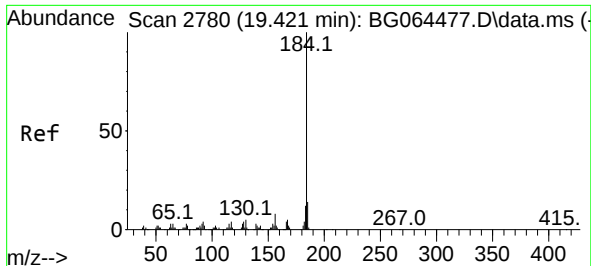
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

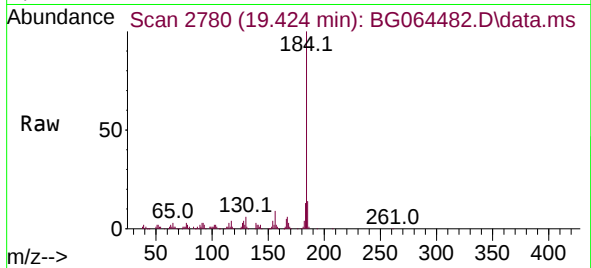
Tgt Ion:240 Resp: 140392
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 24.5 20.4 30.6





#77
Benzidine
Concen: 43.772 ng
RT: 19.424 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

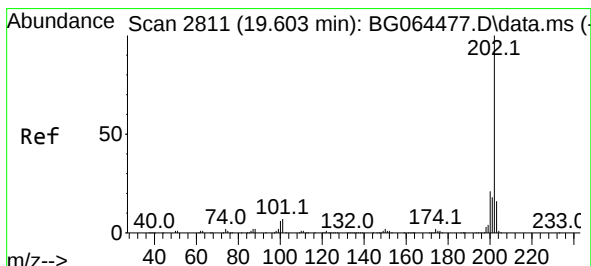
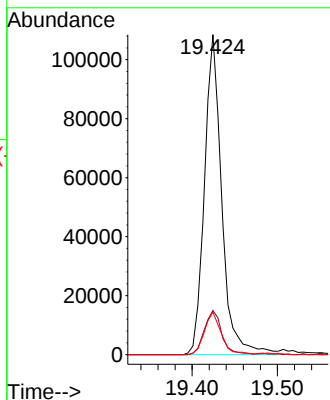
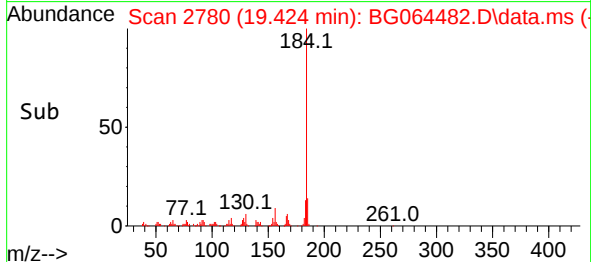
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



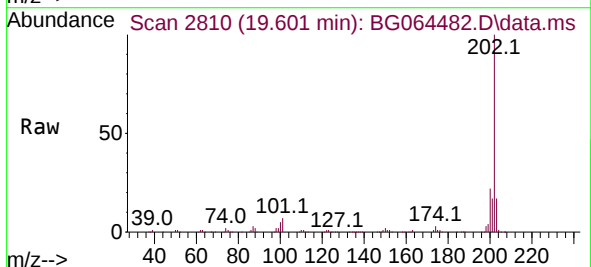
Tgt Ion:184 Resp: 152917
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 13.3 9.8 14.6

Manual Integrations
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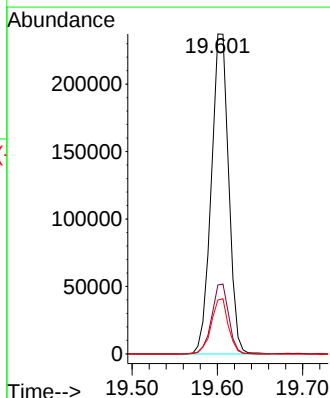
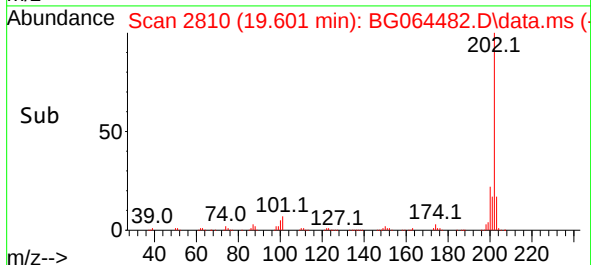
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

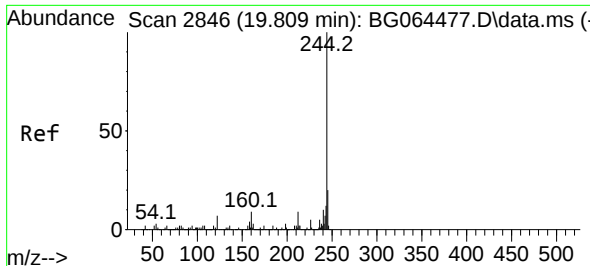


#78
Pyrene
Concen: 36.856 ng
RT: 19.601 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:202 Resp: 335798
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 16.8 13.0 19.4





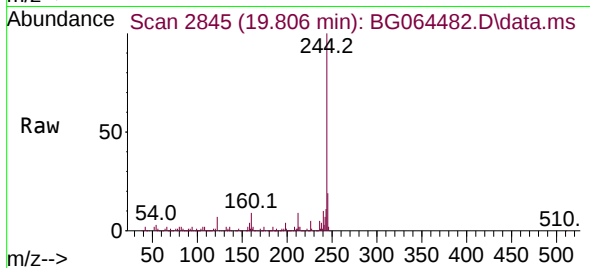
#79
 Terphenyl-d14
 Concen: 76.071 ng
 RT: 19.806 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



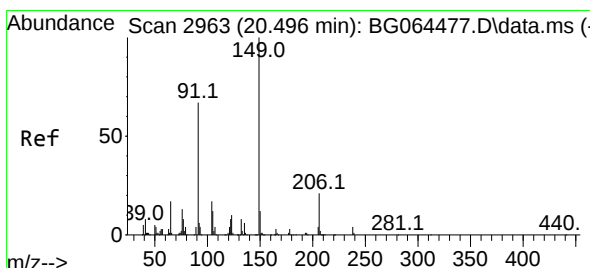
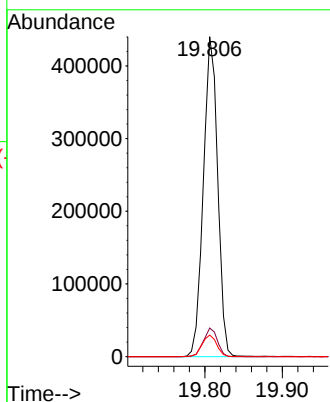
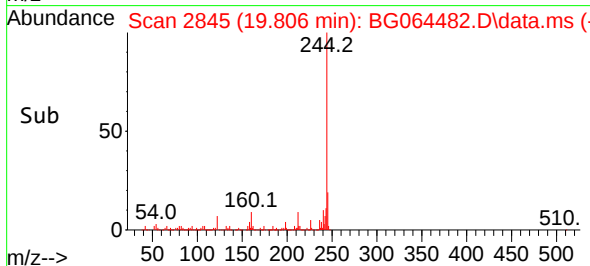
Tgt Ion:244 Resp: 564322
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.6
 122 6.7 5.6 8.4

Manual Integrations

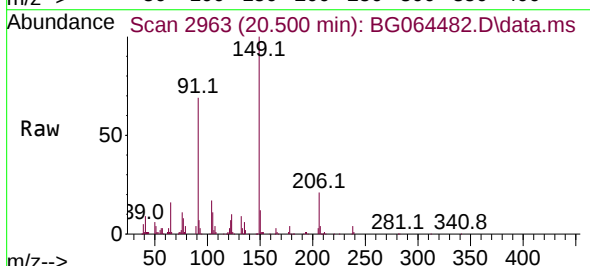
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

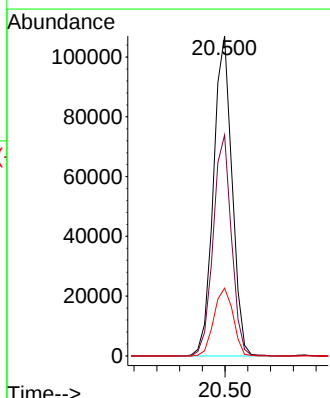
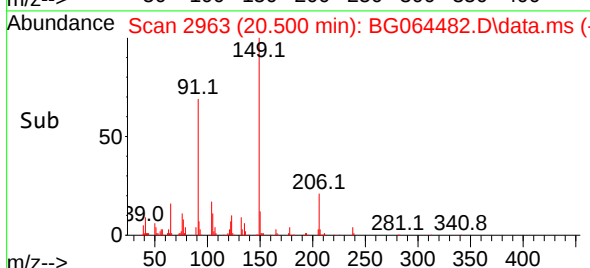
Supervised By :Jagrut Upadhyay 10/03/2025

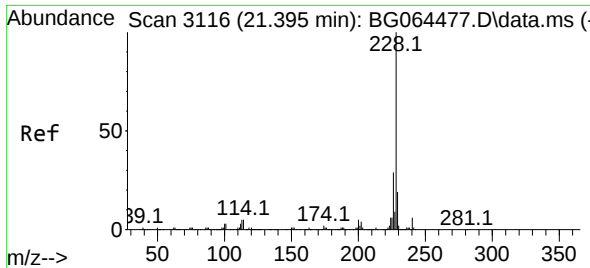


#80
 Butylbenzylphthalate
 Concen: 37.565 ng
 RT: 20.500 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BG064482.D
 Acq: 2 Oct 2025 18:09



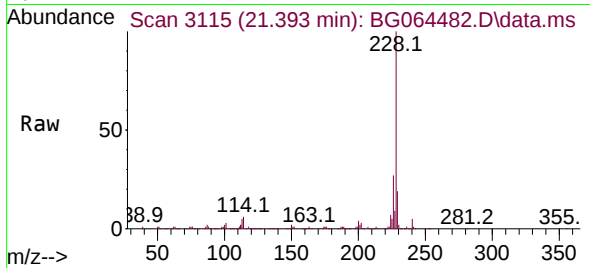
Tgt Ion:149 Resp: 121325
 Ion Ratio Lower Upper
 149 100
 91 69.0 53.7 80.5
 206 21.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 37.867 ng
RT: 21.393 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

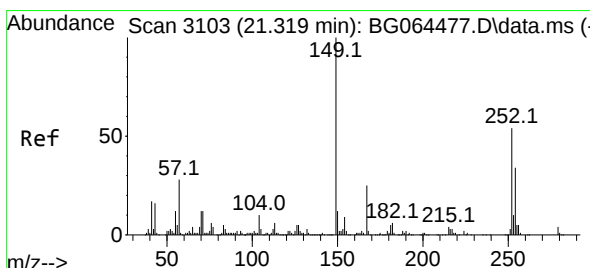
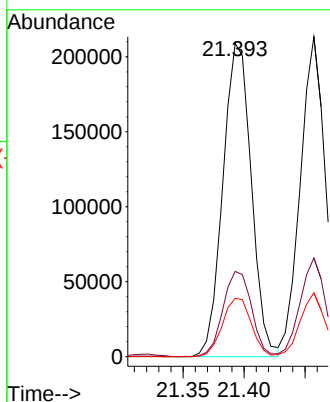
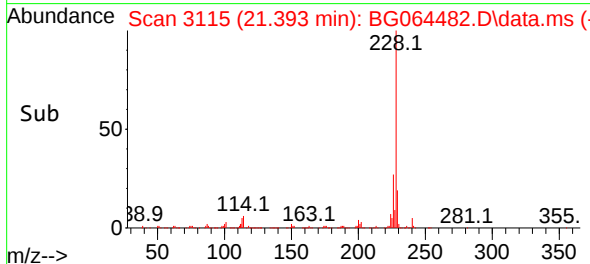
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



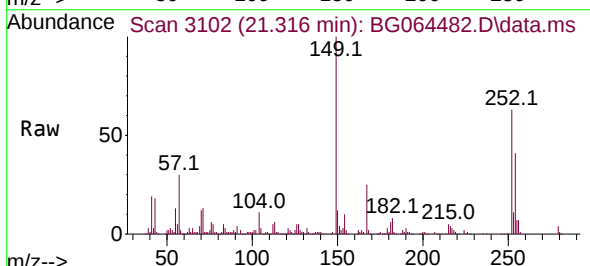
Tgt Ion:228 Resp: 339443
Ion Ratio Lower Upper
228 100
226 27.2 22.8 34.2
229 18.6 15.2 22.8

Manual Integrations
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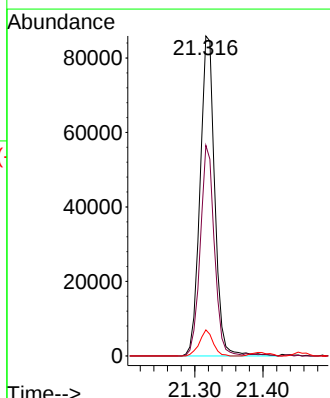
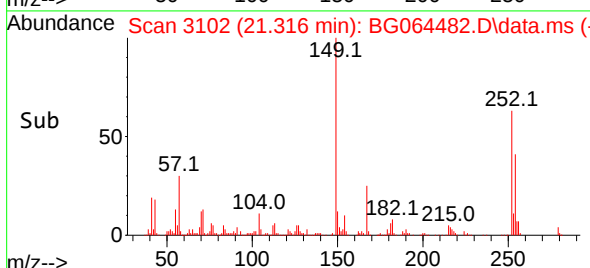
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

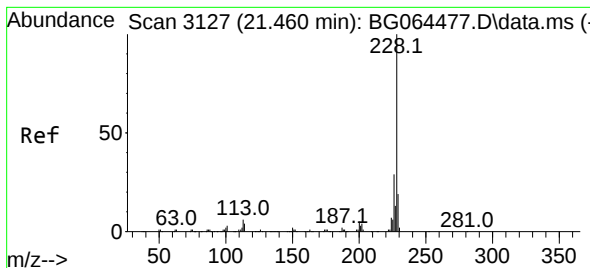


#82
3,3'-Dichlorobenzidine
Concen: 42.355 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:252 Resp: 128504
Ion Ratio Lower Upper
252 100
254 65.8 50.5 75.7
126 8.1 7.1 10.7





#83

Chrysene

Concen: 36.434 ng

RT: 21.457 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

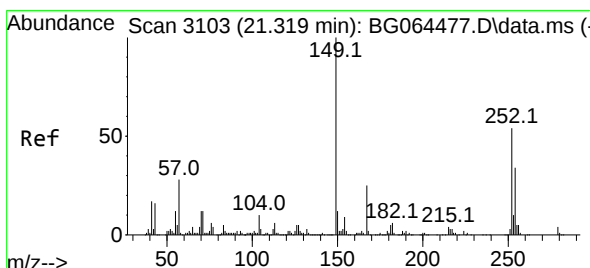
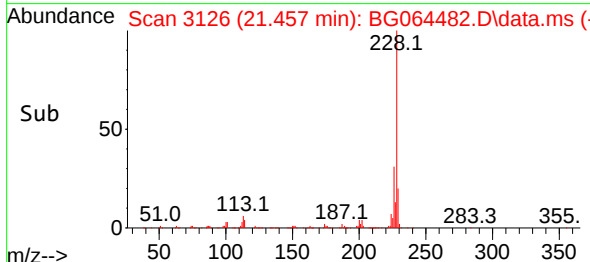
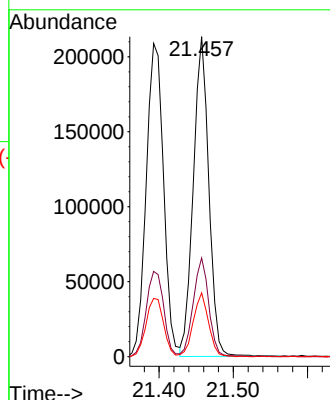
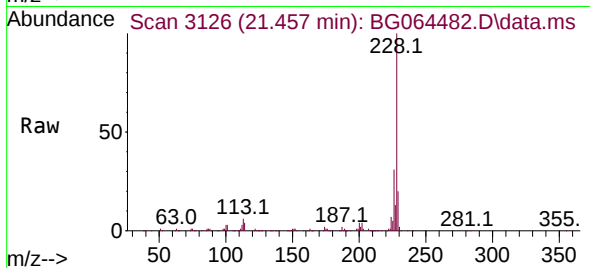
Tgt Ion:228 Resp: 309731
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.8 34.2
 229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.082 ng

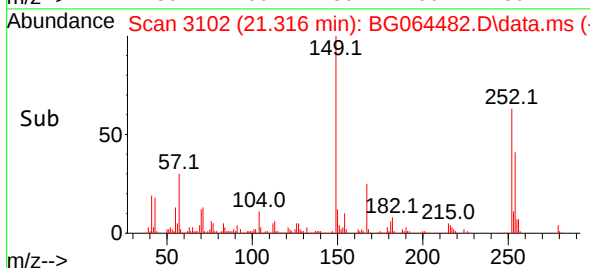
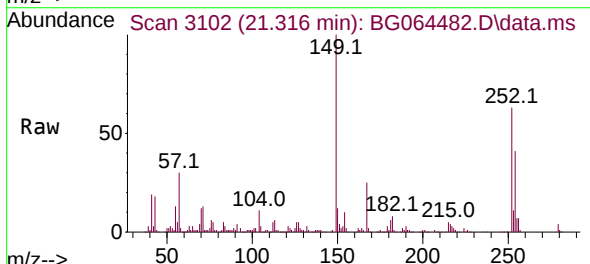
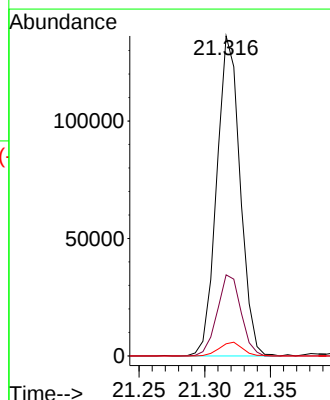
RT: 21.316 min Scan# 3102

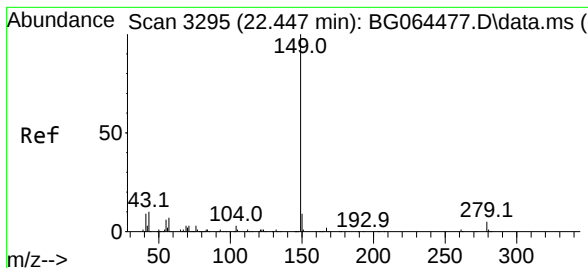
Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

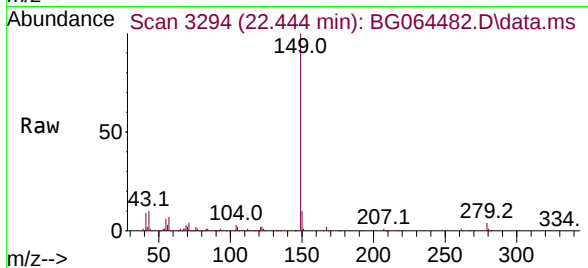
Tgt Ion:149 Resp: 168982
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.7 29.5
 279 3.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 36.720 ng
RT: 22.444 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

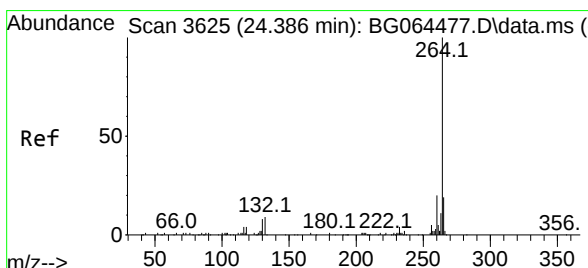
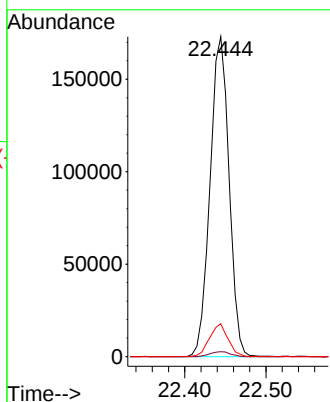
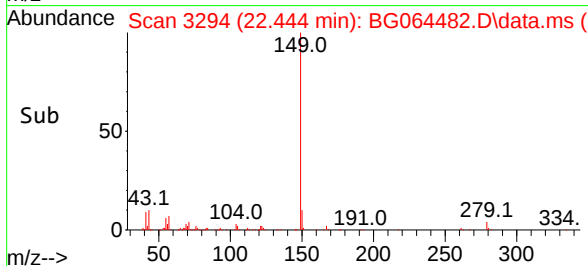
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:149 Resp: 281232
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 7.9 11.9

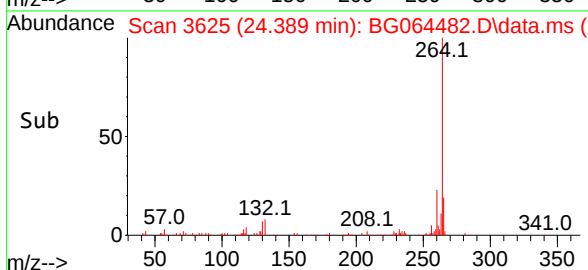
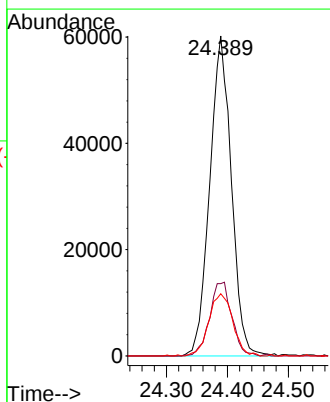
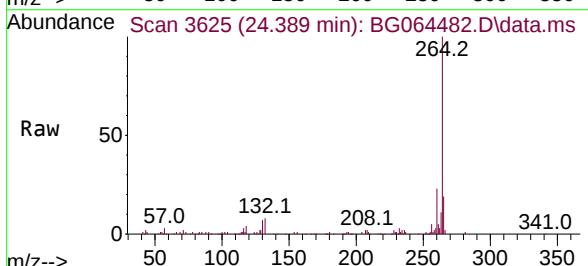
Manual Integrations
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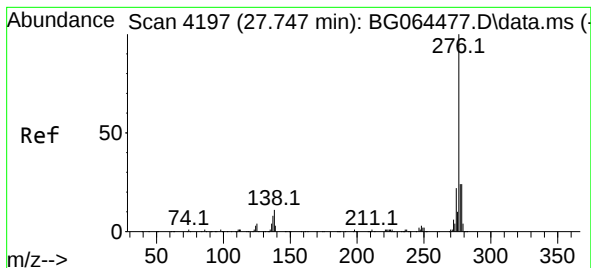
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3625
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:264 Resp: 148372
Ion Ratio Lower Upper
264 100
260 22.6 16.2 24.4
265 19.4 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.816 ng

RT: 27.738 min Scan# 4195

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:276 Resp: 390549

Ion Ratio Lower Upper

276 100

138 13.6 10.8 16.2

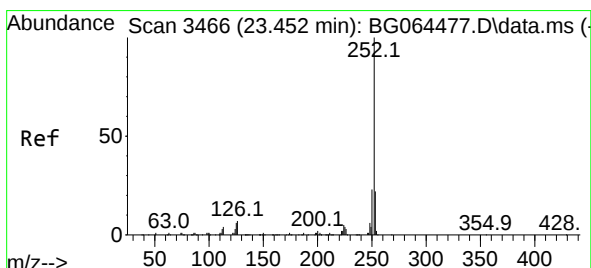
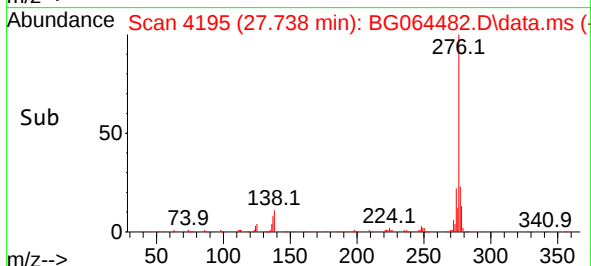
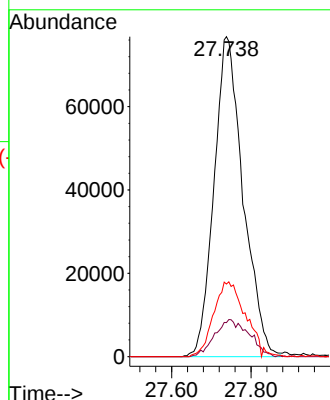
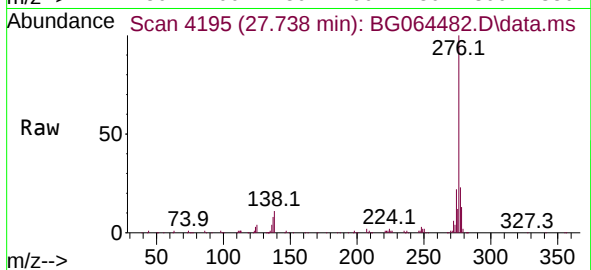
277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 37.423 ng

RT: 23.449 min Scan# 3465

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

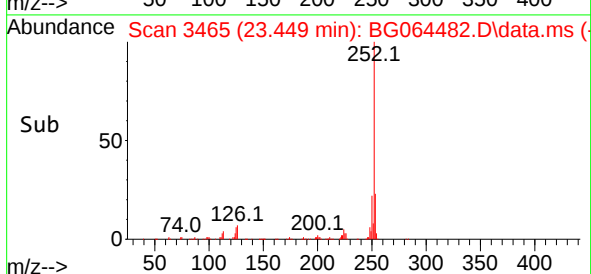
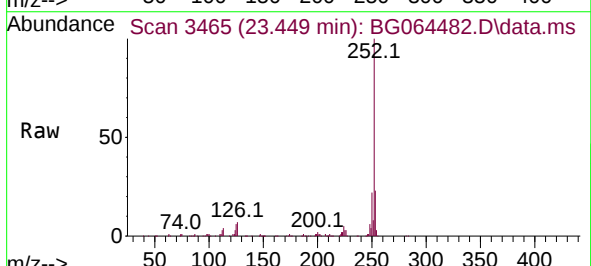
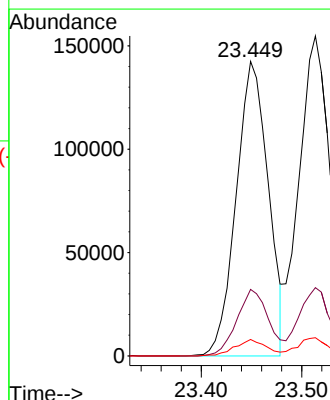
Tgt Ion:252 Resp: 315880

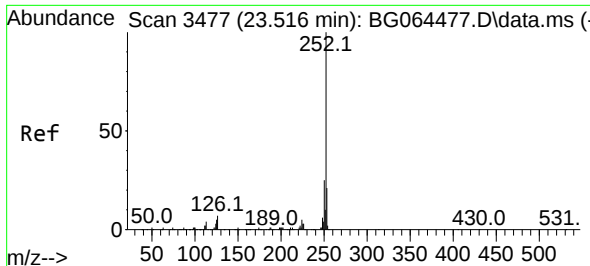
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

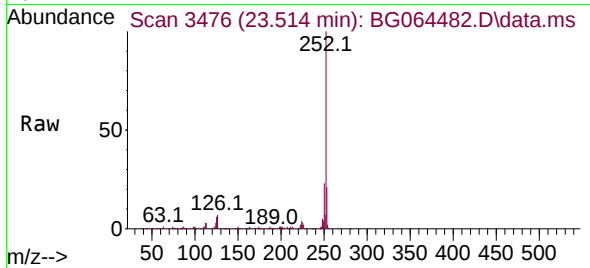
125 5.6 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 39.643 ng
RT: 23.514 min Scan# 3477
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

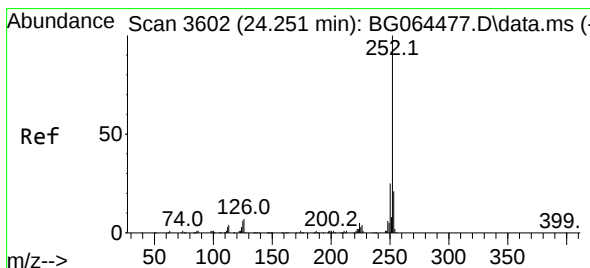
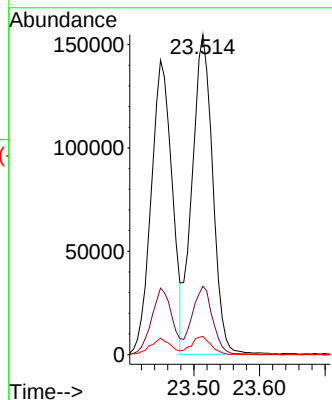
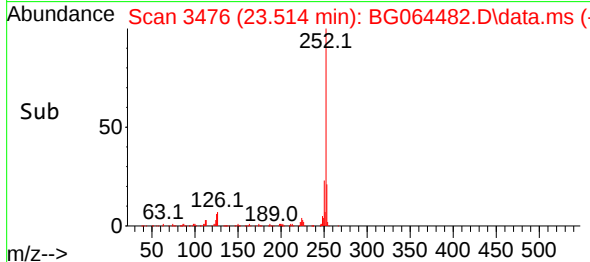
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:252 Resp: 337015
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 5.7 4.0 6.0

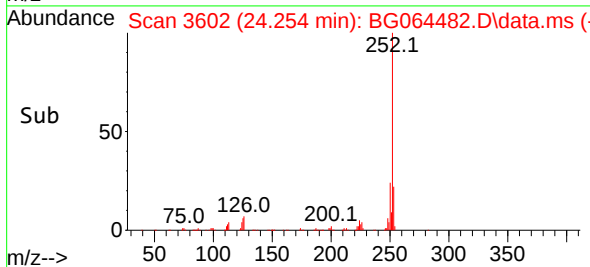
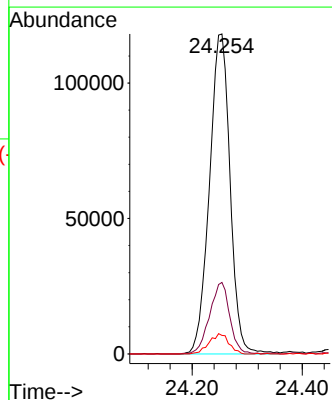
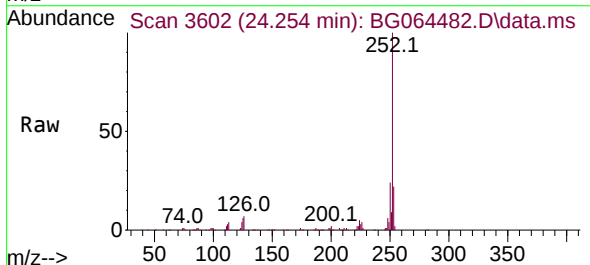
Manual Integrations
APPROVED

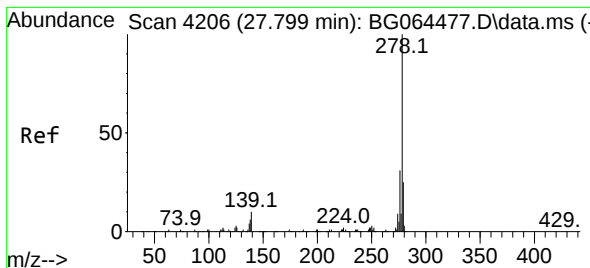
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90
Benzo(a)pyrene
Concen: 39.468 ng
RT: 24.254 min Scan# 3602
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 307034
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.8 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 38.585 ng

RT: 27.791 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

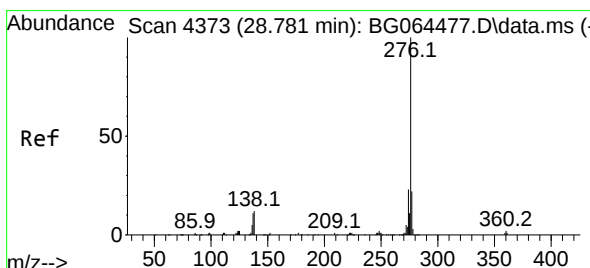
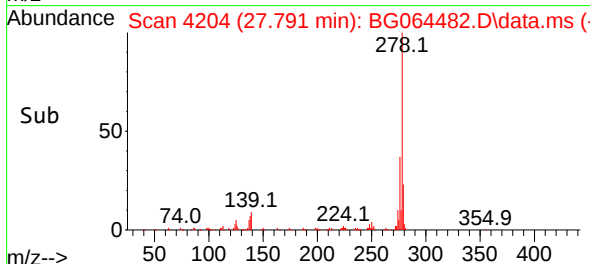
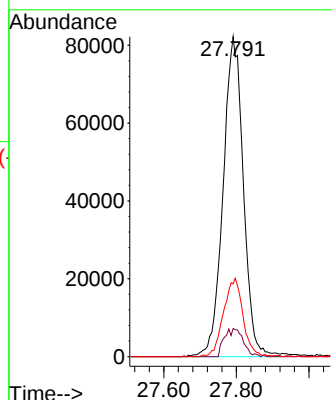
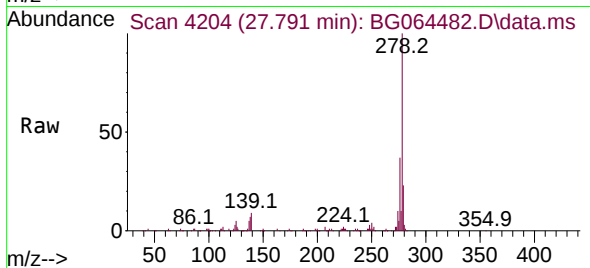
Tgt Ion:278 Resp: 31867
 Ion Ratio Lower Upper
 278 100
 139 8.8 8.2 12.2
 279 22.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#92

Benzo(g,h,i)perylene

Concen: 39.498 ng

RT: 28.784 min Scan# 4373

Delta R.T. 0.017 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:276 Resp: 317018
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.8 26.6
 138 10.3 9.4 14.0

