

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 18:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	16360	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	69998	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	53506	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	126240	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	146232	20.000	ng	0.00
86) Perylene-d12	24.436	264	156297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	76234	89.046	ng	0.00
7) Phenol-d6	7.015	99	104282	88.911	ng	0.00
23) Nitrobenzene-d5	8.995	82	116047	89.848	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	78697	84.250	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	309222	85.338	ng	0.00
79) Terphenyl-d14	19.823	244	612166	82.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	14029	39.050	ng	99
3) Pyridine	3.730	79	39133	40.404	ng	97
4) n-Nitrosodimethylamine	3.648	42	31474	42.542	ng	# 96
6) Aniline	7.168	93	66581	43.838	ng	97
8) 2-Chlorophenol	7.409	128	47005	43.886	ng	96
9) Benzaldehyde	6.980	77	69236	69.353	ng	91
10) Phenol	7.038	94	55124	43.407	ng	96
11) bis(2-Chloroethyl)ether	7.268	93	37715	44.230	ng	92
12) 1,3-Dichlorobenzene	7.732	146	52530	43.753	ng	95
13) 1,4-Dichlorobenzene	7.873	146	53183	43.365	ng	91
14) 1,2-Dichlorobenzene	8.190	146	52569	45.232	ng	94
15) Benzyl Alcohol	8.072	79	47170	42.683	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.360	45	61132	41.116	ng	97
17) 2-Methylphenol	8.284	107	39244	42.777	ng	94
18) Hexachloroethane	8.913	117	20021	43.270	ng	94
19) n-Nitroso-di-n-propyla...	8.642	70	35926	45.317	ng	# 93
20) 3+4-Methylphenols	8.607	107	54063	41.921	ng	96
22) Acetophenone	8.654	105	72821	43.454	ng	# 93
24) Nitrobenzene	9.036	77	56054	44.460	ng	98
25) Isophorone	9.559	82	102879	43.048	ng	96
26) 2-Nitrophenol	9.741	139	28126	45.321	ng	97
27) 2,4-Dimethylphenol	9.806	122	44334	44.292	ng	93
28) bis(2-Chloroethoxy)met...	10.041	93	53573	43.392	ng	94
29) 2,4-Dichlorophenol	10.276	162	49172	42.684	ng	96
30) 1,2,4-Trichlorobenzene	10.493	180	53650	43.539	ng	97
31) Naphthalene	10.675	128	157276	43.038	ng	98
32) Benzoic acid	9.958	122	35974m	46.391	ng	
33) 4-Chloroaniline	10.781	127	59052	44.175	ng	96
34) Hexachlorobutadiene	10.963	225	45951	43.780	ng	92
35) Caprolactam	11.557	113	15586	41.004	ng	# 90
36) 4-Chloro-3-methylphenol	11.915	107	58602	42.917	ng	# 87
37) 2-Methylnaphthalene	12.285	142	121011	43.854	ng	98
38) 1-Methylnaphthalene	12.508	142	116879	43.108	ng	97
40) 1,2,4,5-Tetrachloroben...	12.655	216	73625	43.176	ng	99
41) Hexachlorocyclopentadiene	12.638	237	38124	42.097	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	47726	42.907	ng	94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

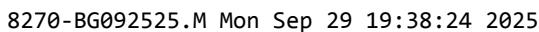
Response via : Initial Calibration

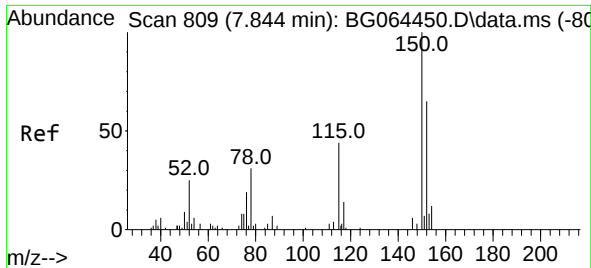
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	52262	43.074	ng	97
46) 1,1'-Biphenyl	13.302	154	163525	42.963	ng	98
47) 2-Chloronaphthalene	13.337	162	121681	42.063	ng	97
48) 2-Nitroaniline	13.543	65	43340	43.591	ng	92
49) Acenaphthylene	14.183	152	181257	42.205	ng	98
50) Dimethylphthalate	13.924	163	169499	41.467	ng	99
51) 2,6-Dinitrotoluene	14.042	165	35401	41.233	ng	89
52) Acenaphthene	14.530	154	124969	42.520	ng	97
53) 3-Nitroaniline	14.371	138	34384	42.264	ng	# 93
54) 2,4-Dinitrophenol	14.577	184	23261	40.795	ng	94
55) Dibenzofuran	14.864	168	202428	41.540	ng	98
56) 4-Nitrophenol	14.682	139	27745	42.132	ng	97
57) 2,4-Dinitrotoluene	14.829	165	55855	42.615	ng	97
58) Fluorene	15.511	166	169479	42.130	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	51232	42.332	ng	# 97
60) Diethylphthalate	15.288	149	180626	41.011	ng	98
61) 4-Chlorophenyl-phenyle...	15.505	204	89062	40.544	ng	94
62) 4-Nitroaniline	15.534	138	37290	42.747	ng	97
63) Azobenzene	15.799	77	145221	42.137	ng	97
65) 4,6-Dinitro-2-methylph...	15.593	198	38925	45.013	ng	96
66) n-Nitrosodiphenylamine	15.722	169	144534	42.905	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	62470	42.233	ng	97
68) Hexachlorobenzene	16.515	284	71417	42.425	ng	97
69) Atrazine	16.674	200	64954	42.441	ng	98
70) Pentachlorophenol	16.862	266	45088	44.382	ng	97
71) Phenanthrene	17.250	178	282695	43.083	ng	99
72) Anthracene	17.338	178	284960	42.647	ng	99
73) Carbazole	17.608	167	251365	42.881	ng	99
74) Di-n-butylphthalate	18.172	149	307603	42.899	ng	99
75) Fluoranthene	19.259	202	354667	42.804	ng	99
77) Benzidine	19.441	184	168308	43.960	ng	99
78) Pyrene	19.624	202	372147	41.014	ng	100
80) Butylbenzylphthalate	20.517	149	140223	41.346	ng	99
81) Benzo(a)anthracene	21.416	228	396961	42.397	ng	96
82) 3,3'-Dichlorobenzidine	21.339	252	137811	42.798	ng	97
83) Chrysene	21.480	228	368588	41.568	ng	98
84) Bis(2-ethylhexyl)phtha...	21.339	149	204628	41.885	ng	98
85) Di-n-octyl phthalate	22.473	149	347545	41.850	ng	99
87) Indeno(1,2,3-cd)pyrene	27.814	276	466705	42.249	ng	# 96
88) Benzo(b)fluoranthene	23.490	252	382245	42.662	ng	98
89) Benzo(k)fluoranthene	23.554	252	383443	42.775	ng	96
90) Benzo(a)pyrene	24.295	252	351441	42.343	ng	99
91) Dibenzo(a,h)anthracene	27.861	278	378600	42.277	ng	93
92) Benzo(g,h,i)perylene	28.866	276	362608	42.161	ng	98

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

Manual Integrations

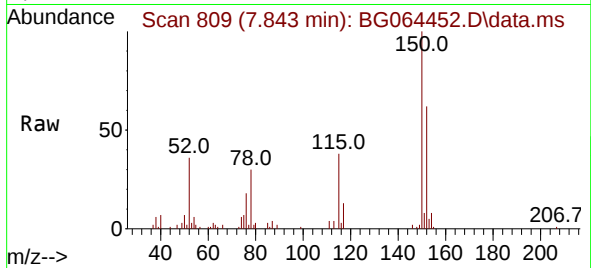
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

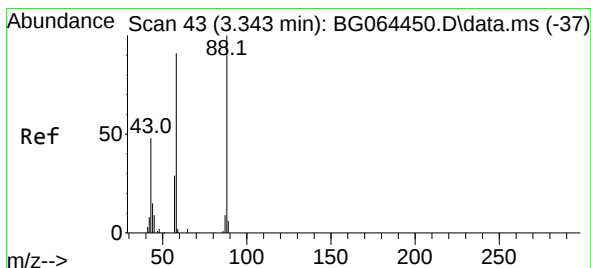
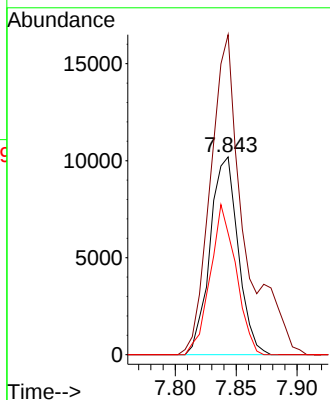
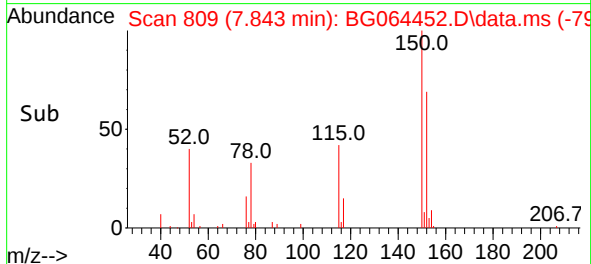
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 152 Resp: 16360
Ion Ratio Lower Upper
152 100
150 161.8 122.9 184.3
115 61.4 54.3 81.5

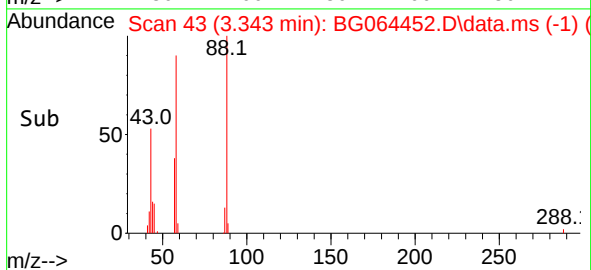
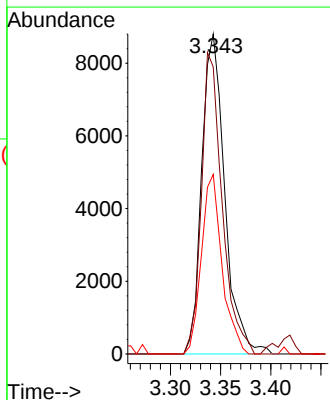
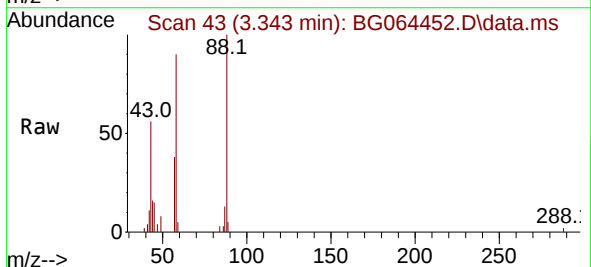
Manual Integrations
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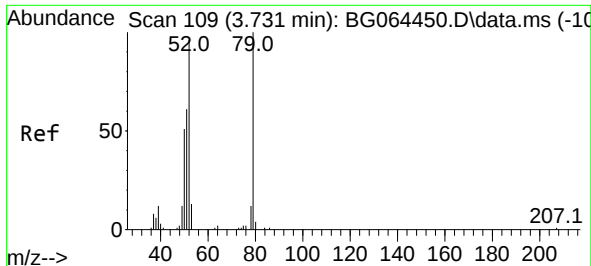
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 39.050 ng
RT: 3.343 min Scan# 43
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

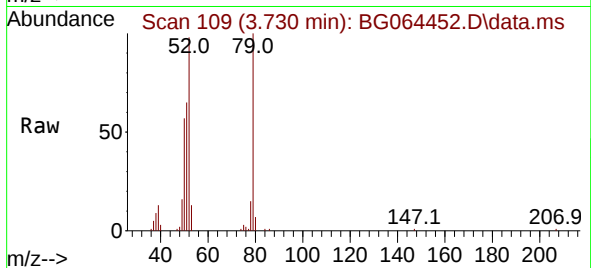
Tgt Ion: 88 Resp: 14029
Ion Ratio Lower Upper
88 100
58 85.4 67.9 101.9
43 50.6 39.4 59.2





#3
Pyridine
Concen: 40.404 ng
RT: 3.730 min Scan# 109
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

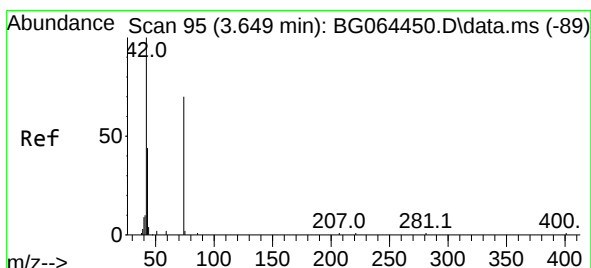
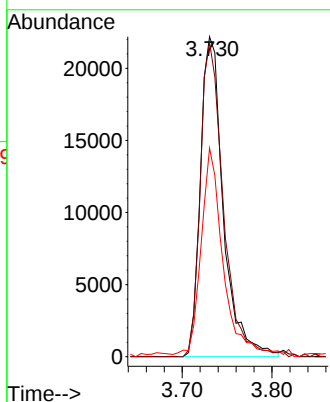
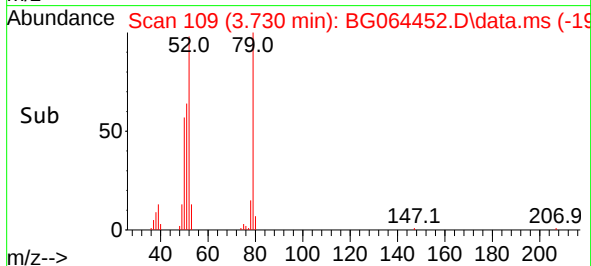
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 79 Resp: 3913
Ion Ratio Lower Upper
79 100
52 98.2 76.6 114.8
51 65.2 49.3 73.9

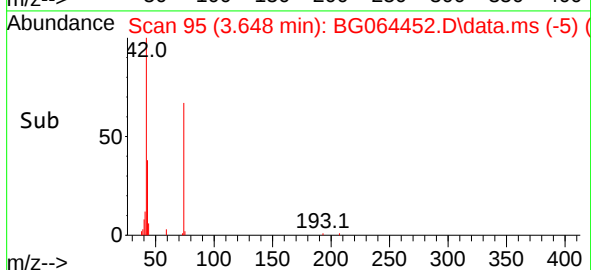
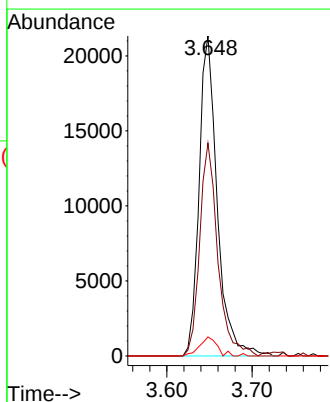
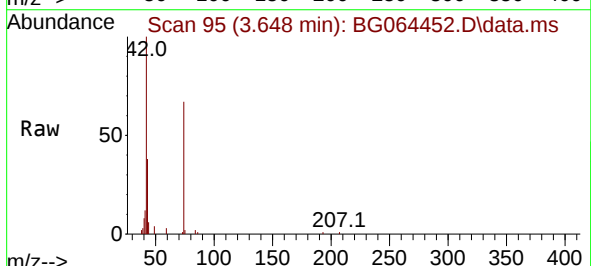
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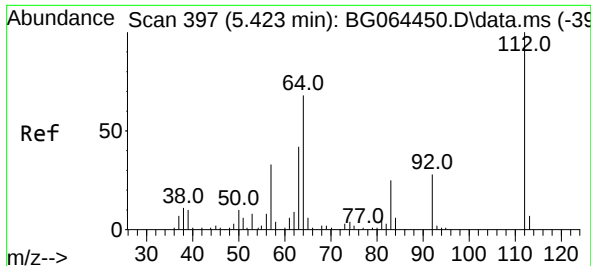
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 42.542 ng
RT: 3.648 min Scan# 95
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 42 Resp: 31474
Ion Ratio Lower Upper
42 100
74 66.5 56.1 84.1
44 6.0 3.1 4.7#





#5
2-Fluorophenol
Concen: 89.046 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

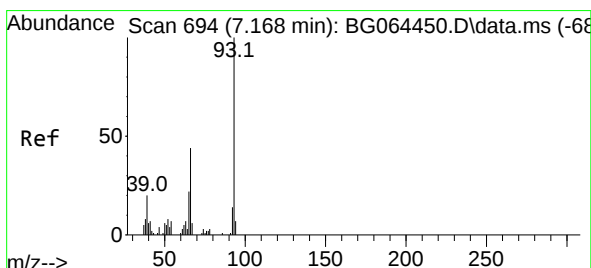
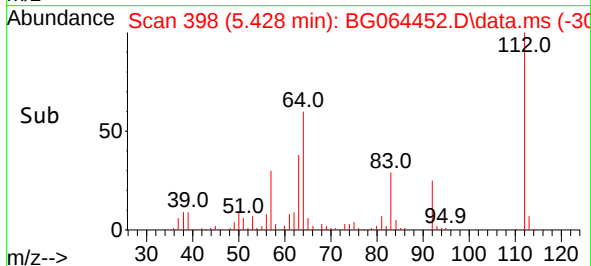
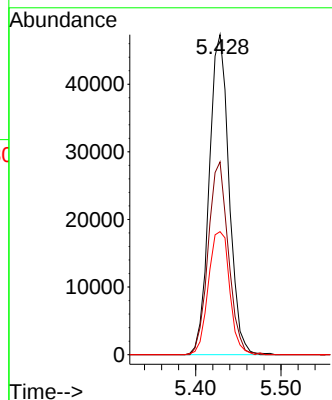
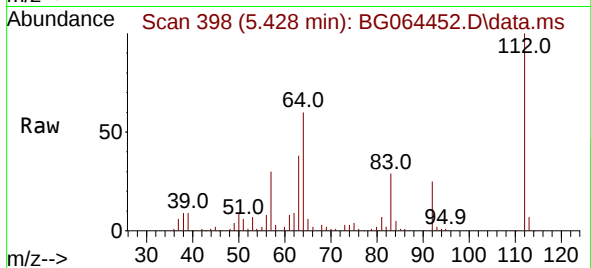
ICVBG092525

Tgt Ion:112 Resp: 76234
Ion Ratio Lower Upper
112 100
64 60.2 54.0 81.0
63 38.5 33.8 50.6

Manual Integrations

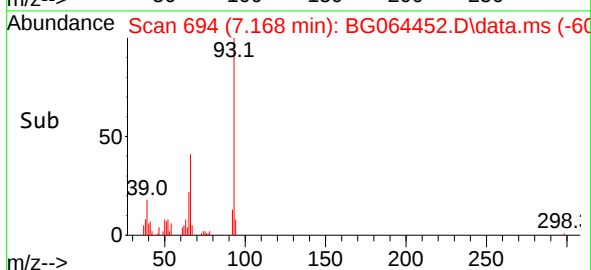
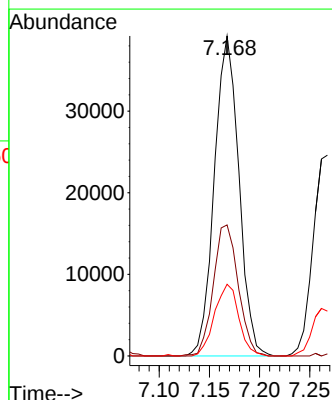
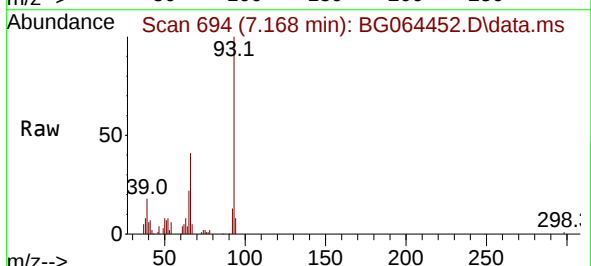
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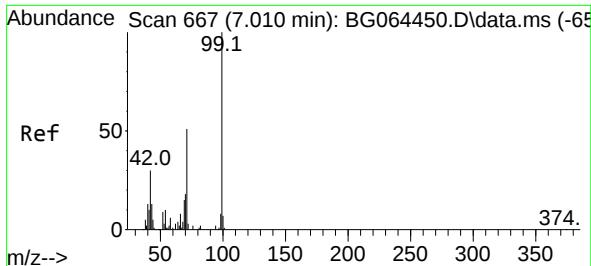
Reviewed By :Rahul Chavli 10/03/2025
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#6
Aniline
Concen: 43.838 ng
RT: 7.168 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 93 Resp: 66581
Ion Ratio Lower Upper
93 100
66 41.0 34.9 52.3
65 22.4 17.3 25.9





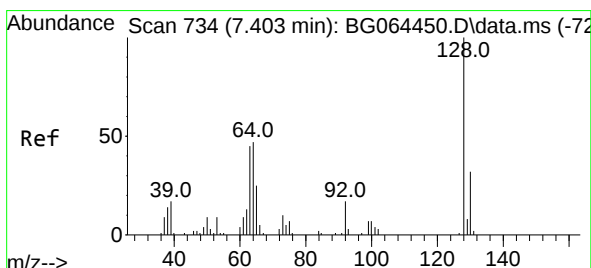
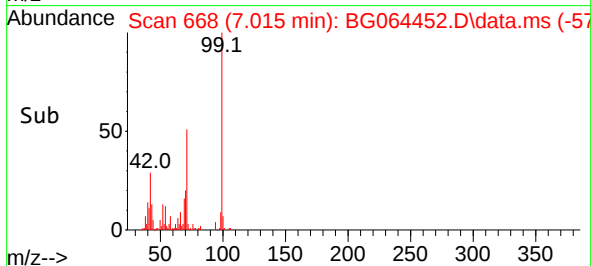
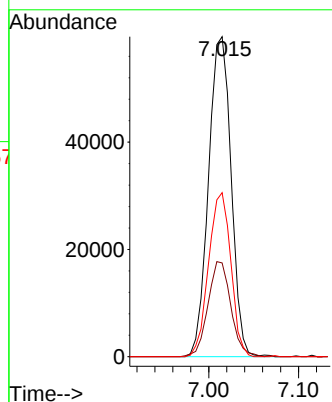
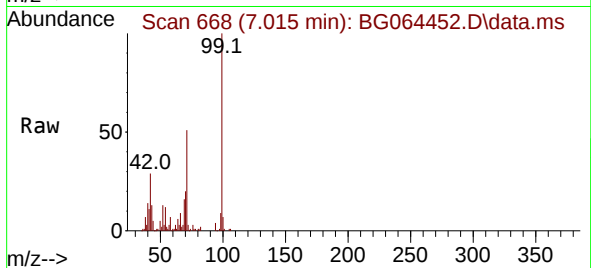
#7
Phenol-d6
Concen: 88.911 ng
RT: 7.015 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
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Tgt Ion: 99 Resp: 10428
Ion Ratio Lower Upper
99 100
42 29.3 24.0 36.0
71 51.3 40.5 60.7

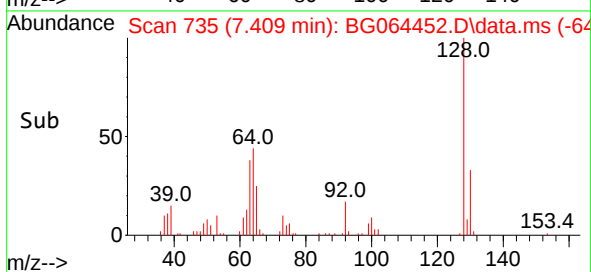
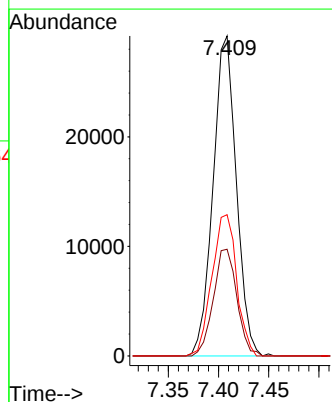
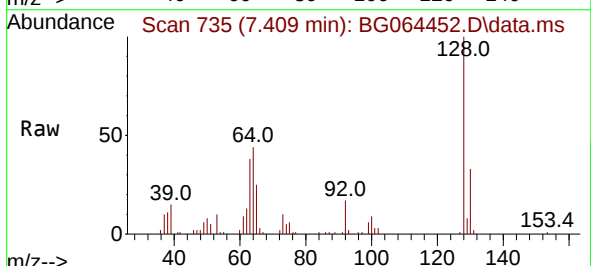
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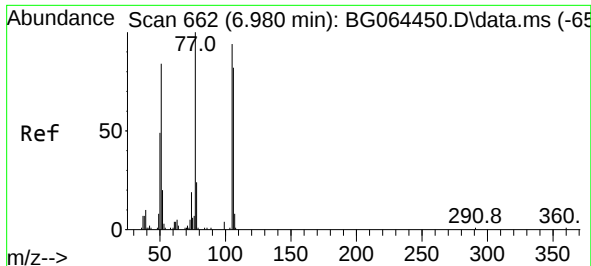
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 43.886 ng
RT: 7.409 min Scan# 735
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

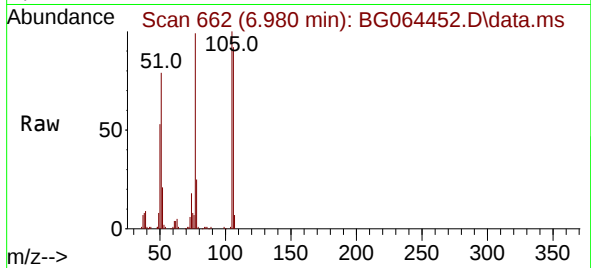
Tgt Ion:128 Resp: 47005
Ion Ratio Lower Upper
128 100
130 33.4 11.8 51.8
64 44.2 27.0 67.0





#9
Benzaldehyde
Concen: 69.353 ng
RT: 6.980 min Scan# 662
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

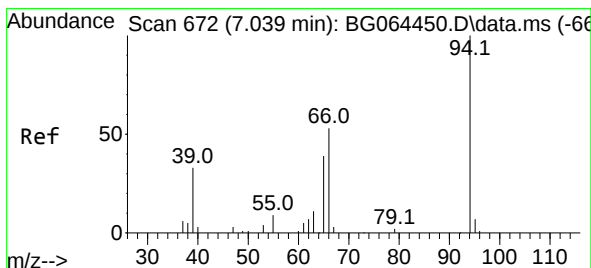
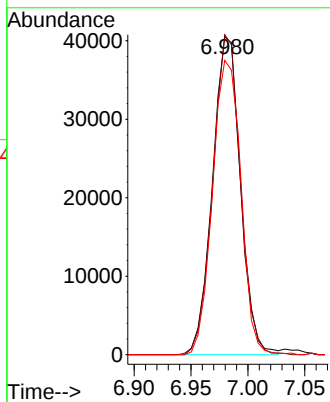
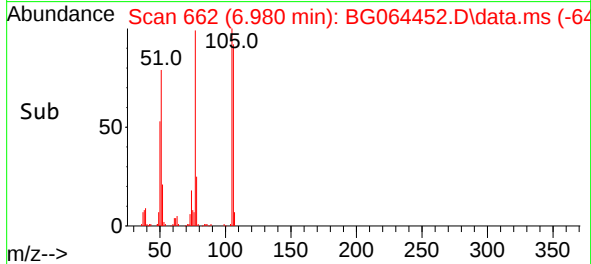
Instrument :
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Tgt Ion: 77 Resp: 69230
Ion Ratio Lower Upper
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105 100.7 74.0 114.0
106 92.6 62.5 102.5

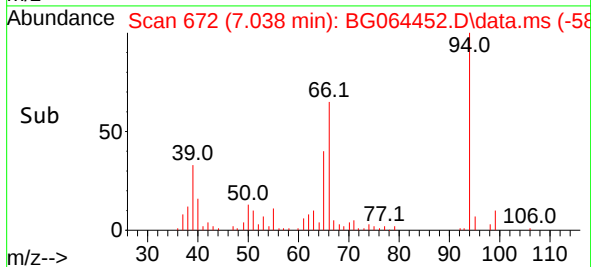
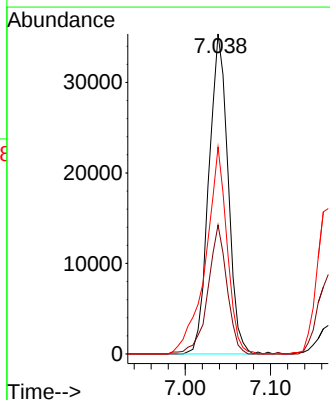
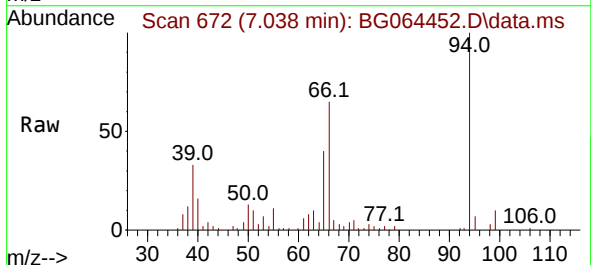
Manual Integrations
APPROVED

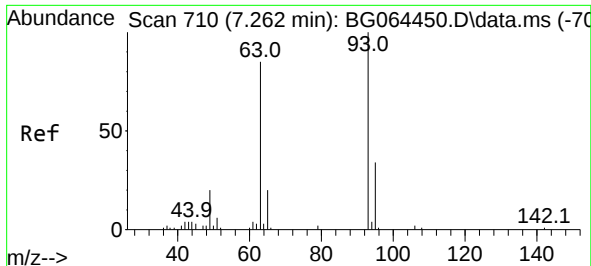
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 43.407 ng
RT: 7.038 min Scan# 672
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 94 Resp: 55124
Ion Ratio Lower Upper
94 100
65 40.3 21.1 61.1
66 64.7 39.7 79.7





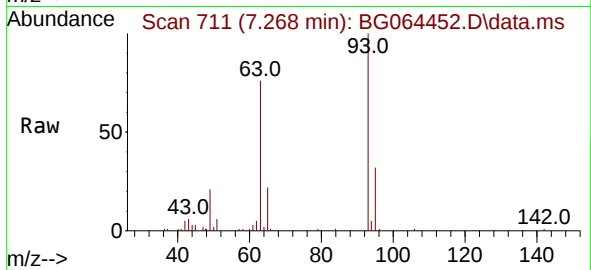
#11
bis(2-Chloroethyl)ether
Concen: 44.230 ng
RT: 7.268 min Scan# 710
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



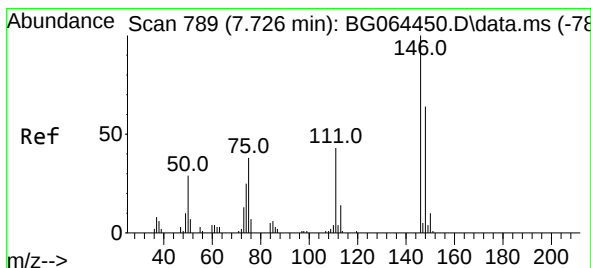
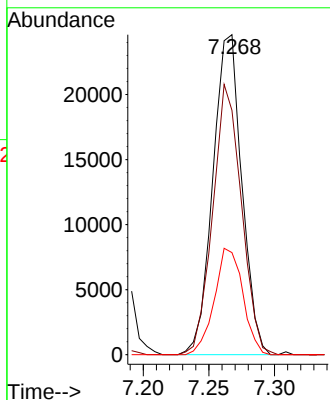
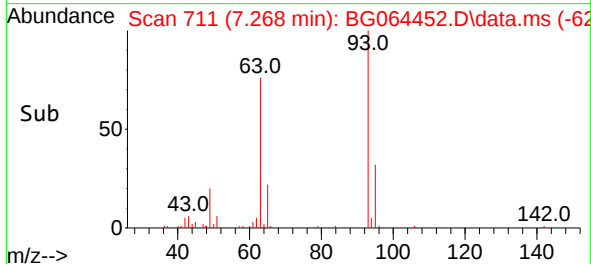
Tgt Ion: 93 Resp: 37715
Ion Ratio Lower Upper
93 100
63 76.4 65.3 105.3
95 31.9 13.7 53.7

Manual Integrations

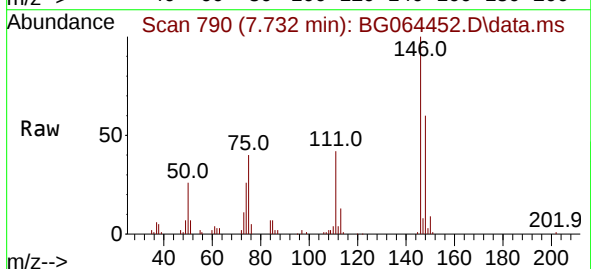
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

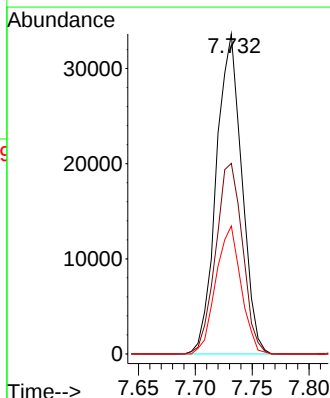
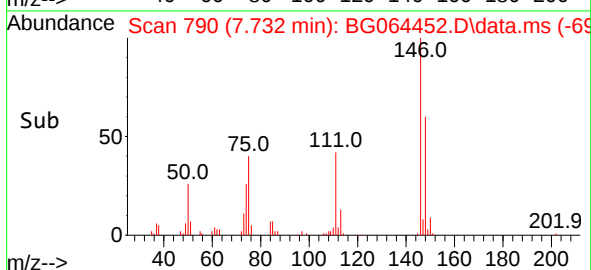
Supervised By :Jagrut Upadhyay 10/03/2025

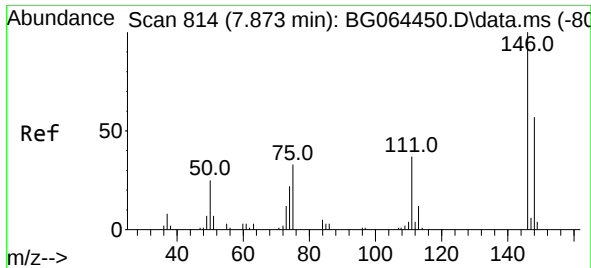


#12
1,3-Dichlorobenzene
Concen: 43.753 ng
RT: 7.732 min Scan# 790
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:146 Resp: 52530
Ion Ratio Lower Upper
146 100
148 59.6 51.0 76.4
75 40.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 43.365 ng

RT: 7.873 min Scan# 814

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

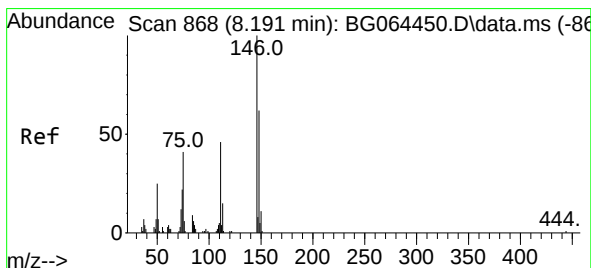
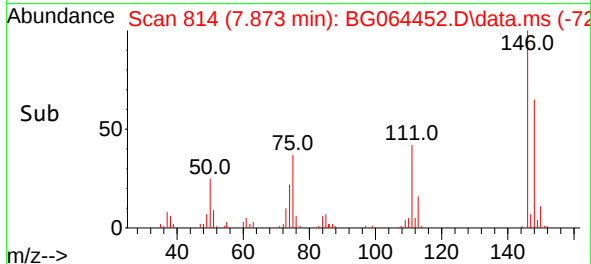
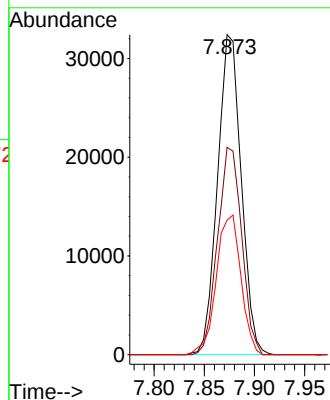
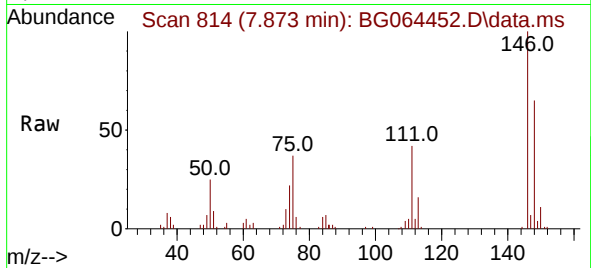
Tgt Ion:146 Resp: 5318
 Ion Ratio Lower Upper
 146 100
 148 64.8 45.3 67.9
 111 42.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 45.232 ng

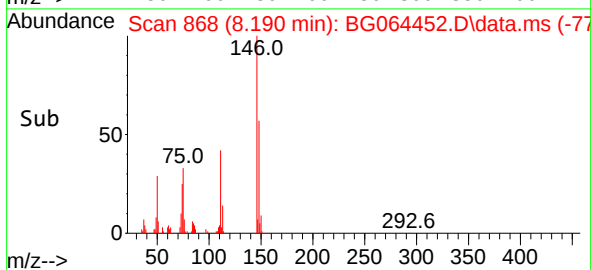
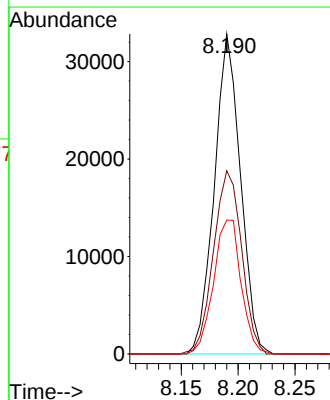
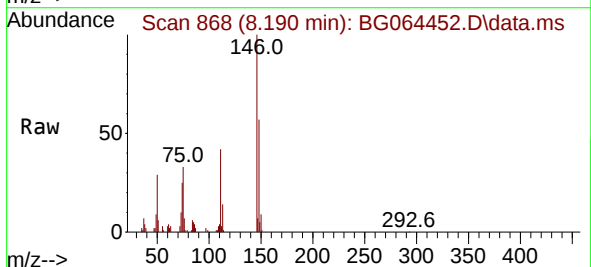
RT: 8.190 min Scan# 868

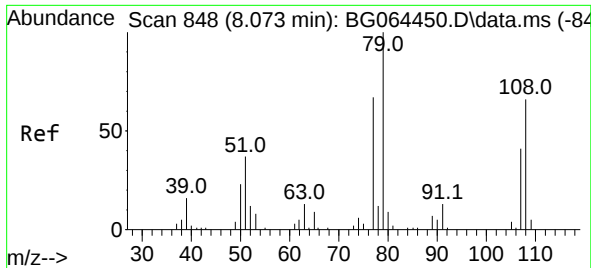
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:146 Resp: 52569
 Ion Ratio Lower Upper
 146 100
 148 57.2 49.9 74.9
 111 41.9 36.6 54.8





#15
Benzyl Alcohol
Concen: 42.683 ng
RT: 8.072 min Scan# 848
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

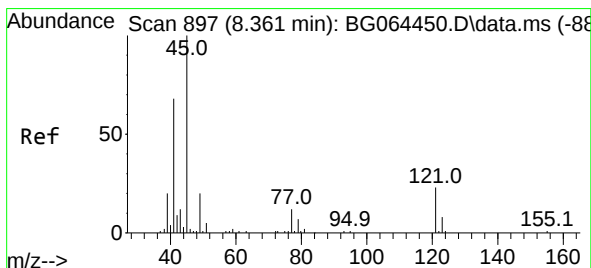
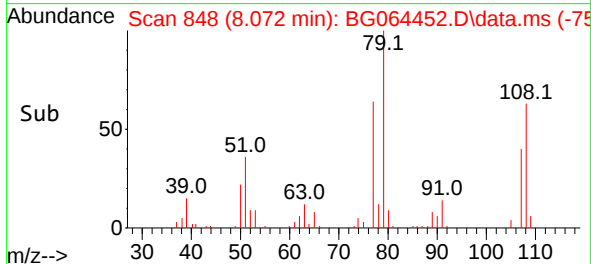
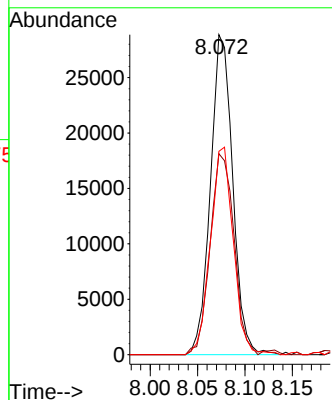
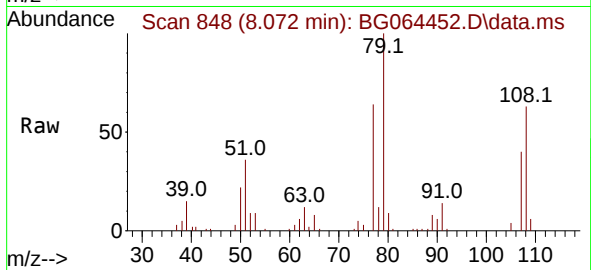
ICVBG092525

Tgt Ion: 79 Resp: 47170
Ion Ratio Lower Upper
79 100
108 62.8 53.0 79.6
77 63.5 53.6 80.4

Manual Integrations

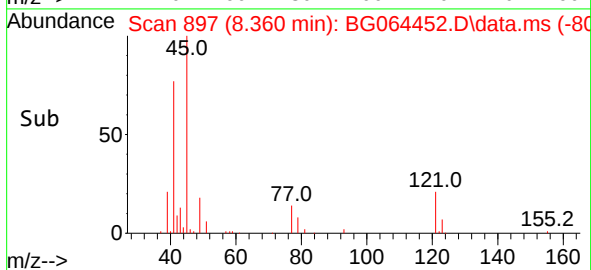
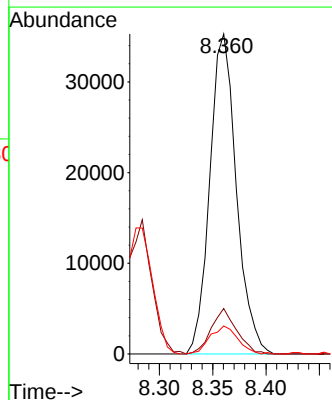
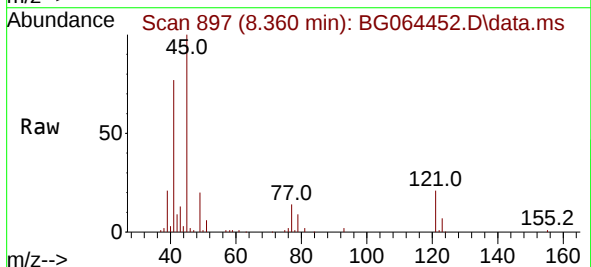
APPROVED

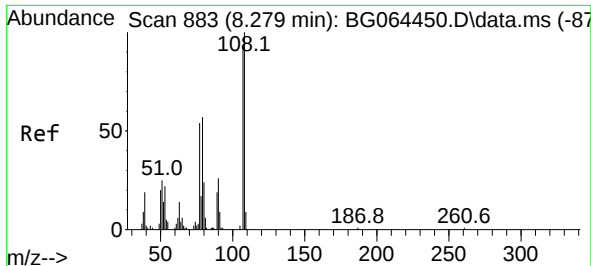
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.116 ng
RT: 8.360 min Scan# 897
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 45 Resp: 61132
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.8
79 8.7 0.0 28.0





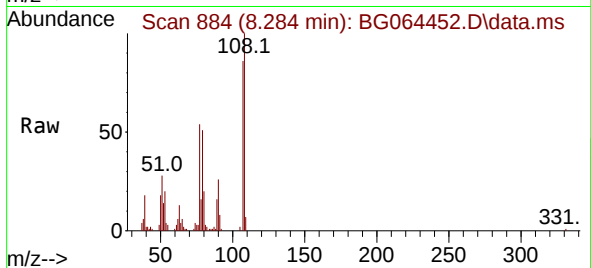
#17
2-Methylphenol
Concen: 42.777 ng
RT: 8.284 min Scan# 884
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



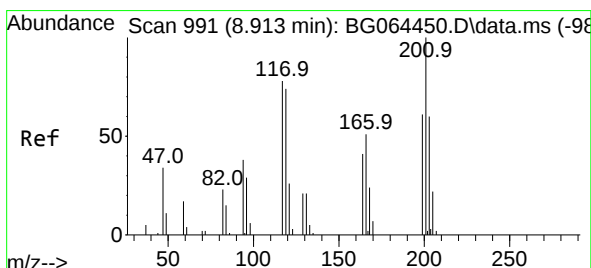
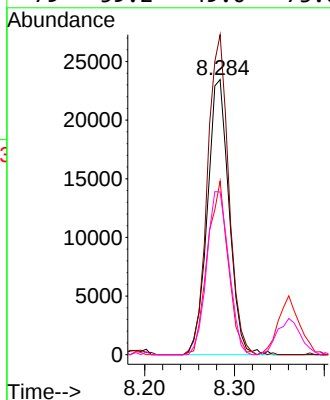
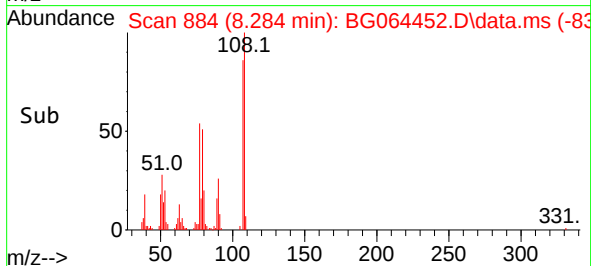
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.4	86.2	129.2
77	63.1	46.7	70.1
79	59.2	49.0	73.6

Manual Integrations

APPROVED

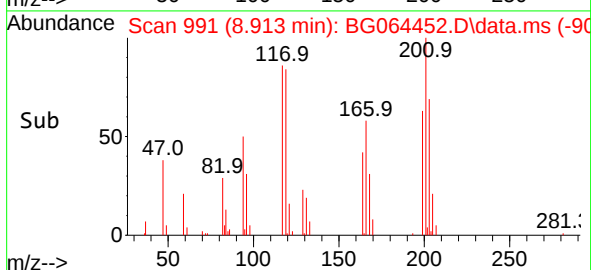
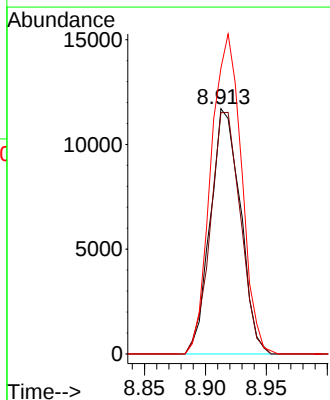
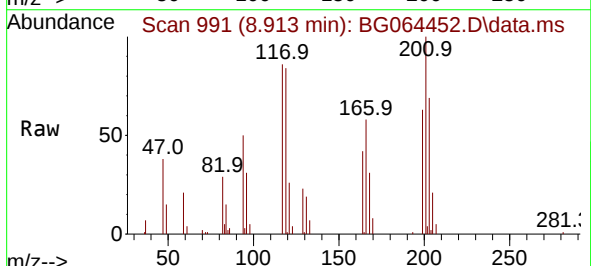
Reviewed By :Rahul Chavli 10/03/2025

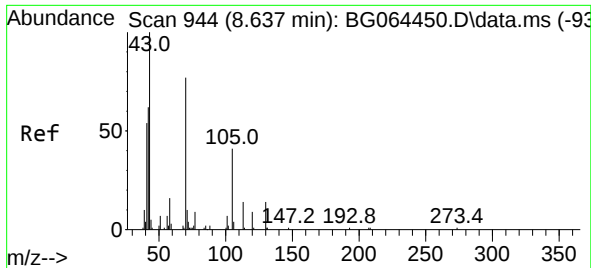
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 43.270 ng
RT: 8.913 min Scan# 991
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

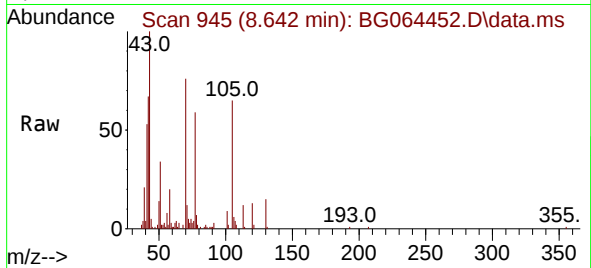
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.6	115.0
201	120.9	103.0	154.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.317 ng
RT: 8.642 min Scan# 944
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

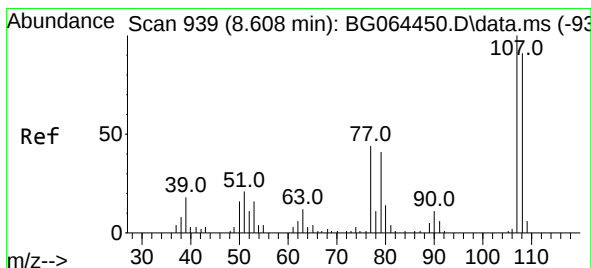
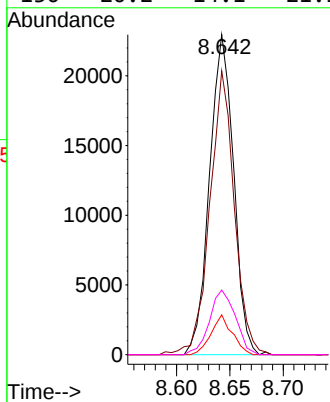
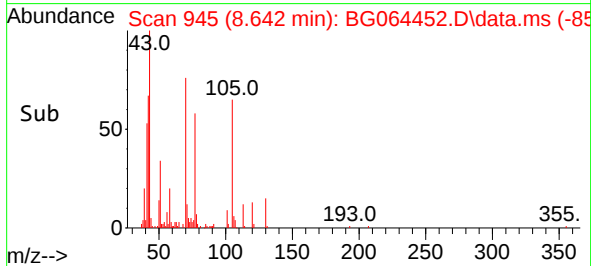
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 70 Resp: 35920
Ion Ratio Lower Upper
70 100
42 88.7 65.6 98.4
101 12.4 7.7 11.5
130 20.2 14.1 21.1

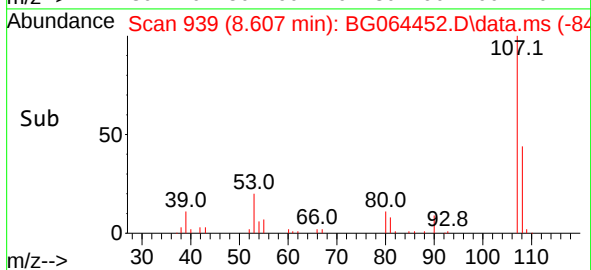
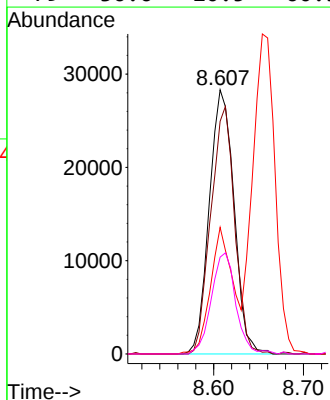
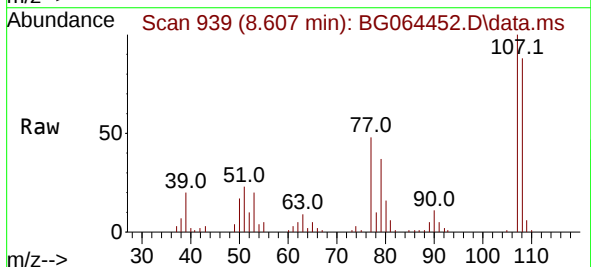
Manual Integrations
APPROVED

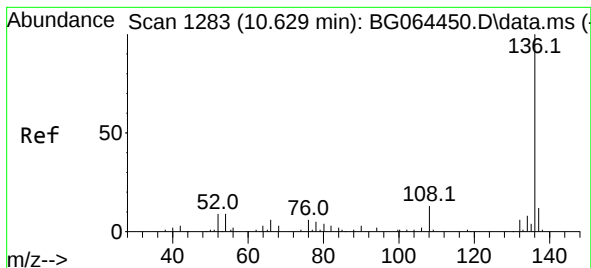
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#20
3+4-Methylphenols
Concen: 41.921 ng
RT: 8.607 min Scan# 939
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:107 Resp: 54063
Ion Ratio Lower Upper
107 100
108 88.1 70.9 110.9
77 47.9 24.4 64.4
79 36.6 20.5 60.5





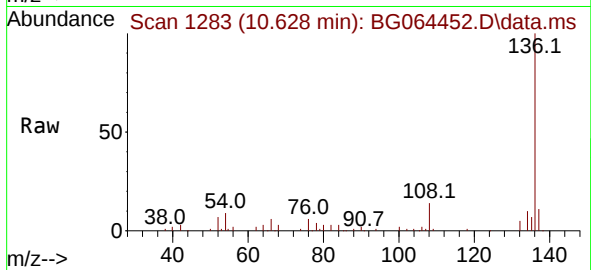
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



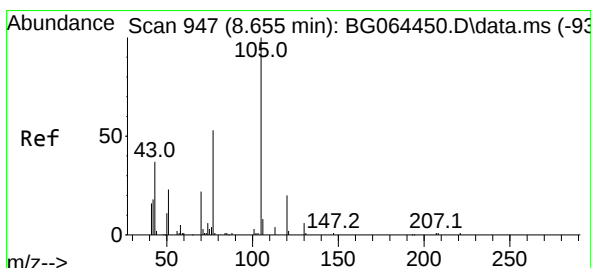
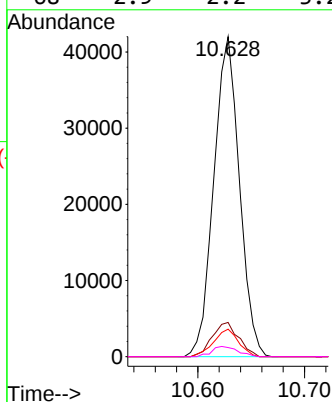
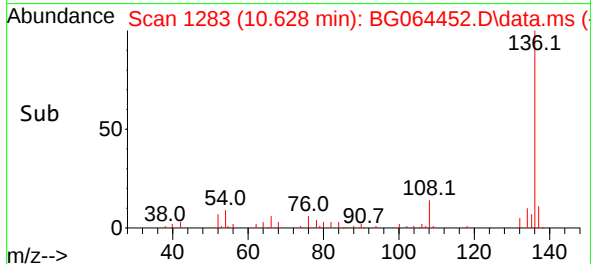
Tgt Ion:136 Resp: 69998
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.4 7.4 11.2
68 2.9 2.2 3.2

Manual Integrations

APPROVED

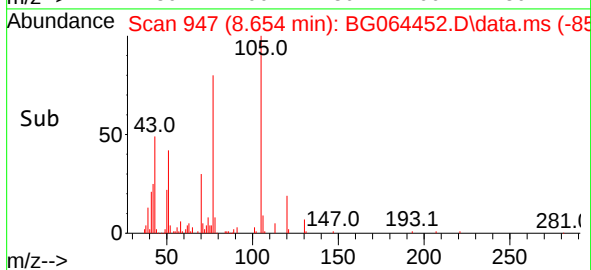
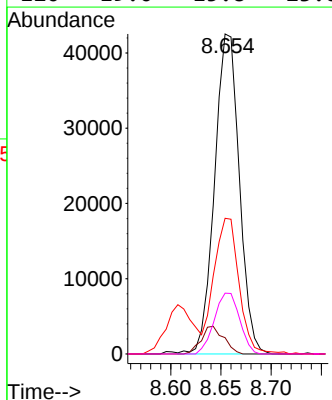
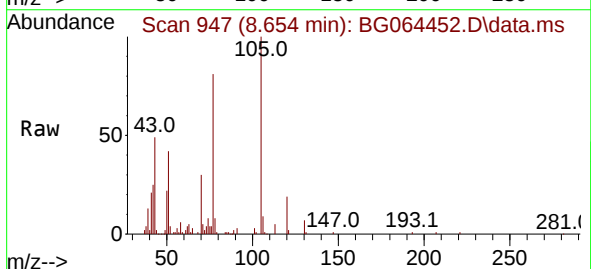
Reviewed By :Rahul Chavli 10/03/2025

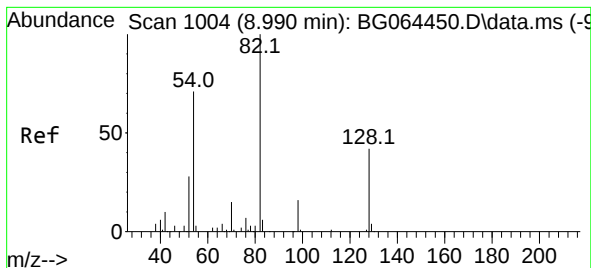
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 43.454 ng
RT: 8.654 min Scan# 947
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:105 Resp: 72821
Ion Ratio Lower Upper
105 100
71 5.1 2.5 3.7#
51 42.4 29.0 43.6
120 19.0 15.8 23.8





#23

Nitrobenzene-d5

Concen: 89.848 ng

RT: 8.995 min Scan# 1005

Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

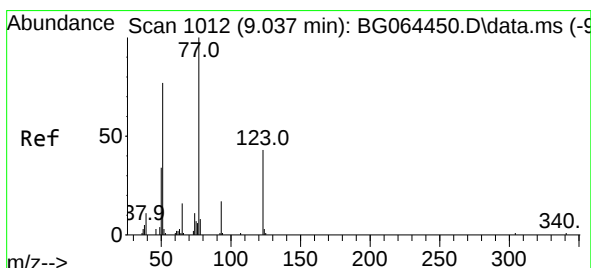
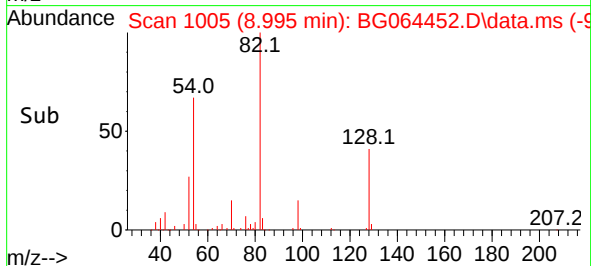
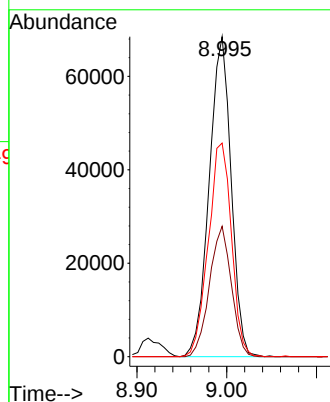
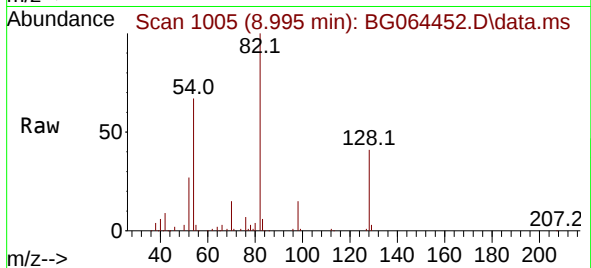
Tgt Ion: 82 Resp: 11604
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.7 50.5
 54 66.7 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 44.460 ng

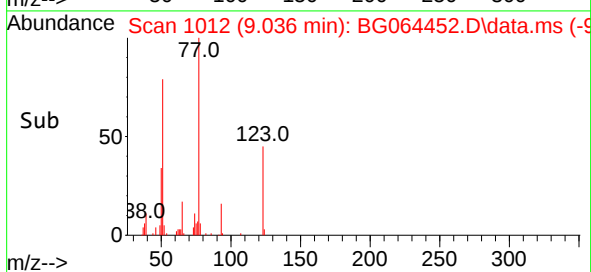
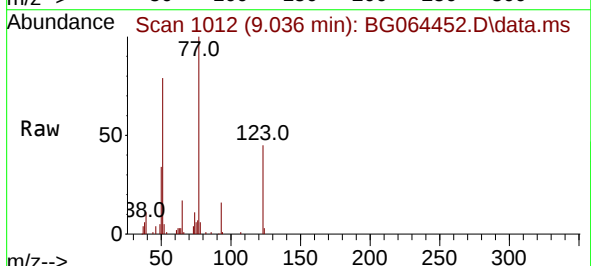
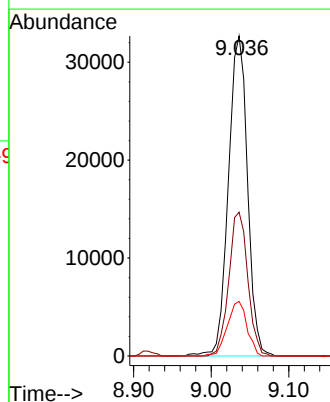
RT: 9.036 min Scan# 1012

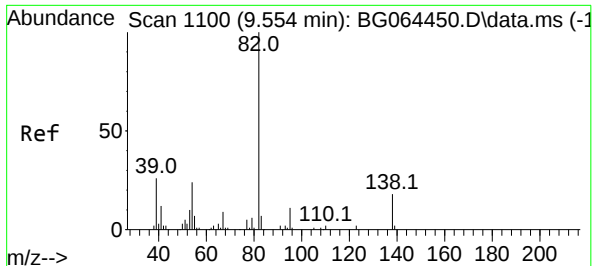
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

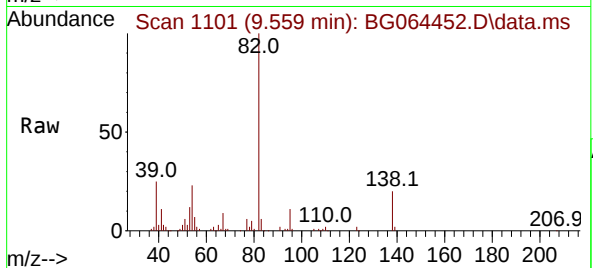
Tgt Ion: 77 Resp: 56054
 Ion Ratio Lower Upper
 77 100
 123 45.0 34.7 52.1
 65 17.1 12.8 19.2





#25
Isophorone
Concen: 43.048 ng
RT: 9.559 min Scan# 1101
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

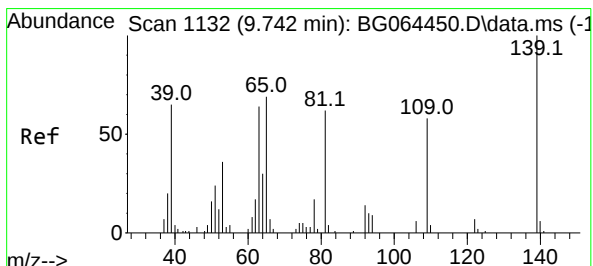
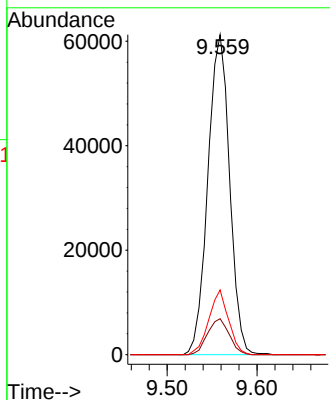
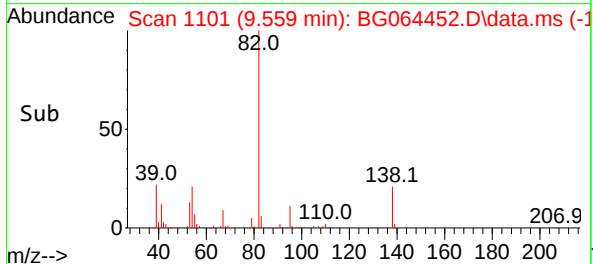
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



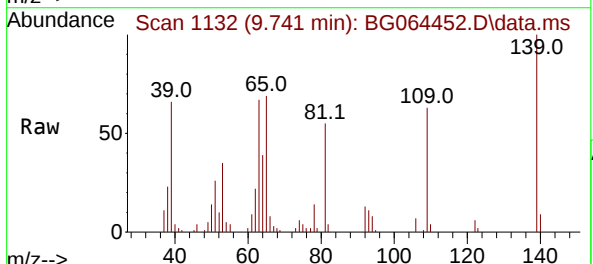
Tgt Ion: 82 Resp: 102879
Ion Ratio Lower Upper
82 100
95 11.2 8.5 12.7
138 20.2 14.3 21.5

Manual Integrations
APPROVED

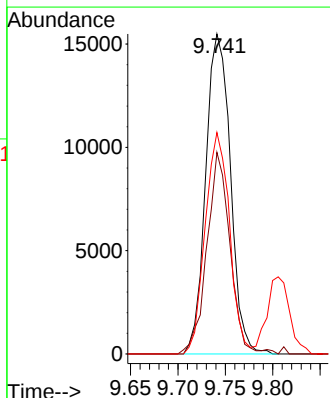
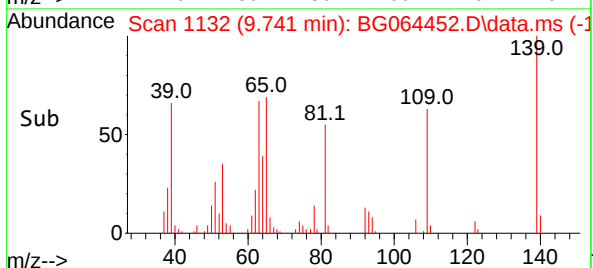
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

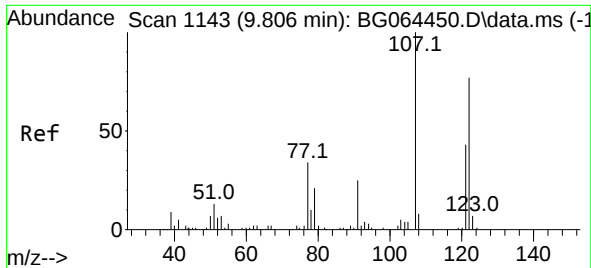


#26
2-Nitrophenol
Concen: 45.321 ng
RT: 9.741 min Scan# 1132
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:139 Resp: 28126
Ion Ratio Lower Upper
139 100
109 63.0 46.6 70.0
65 69.2 54.9 82.3





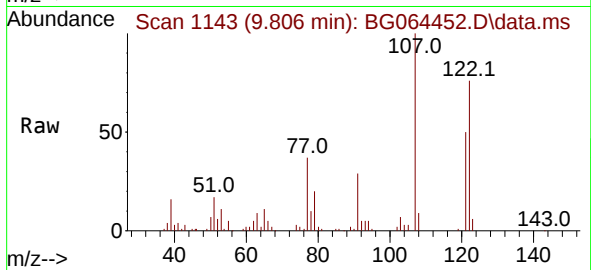
#27
2,4-Dimethylphenol
Concen: 44.292 ng
RT: 9.806 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



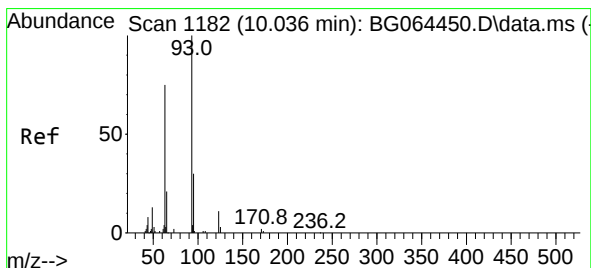
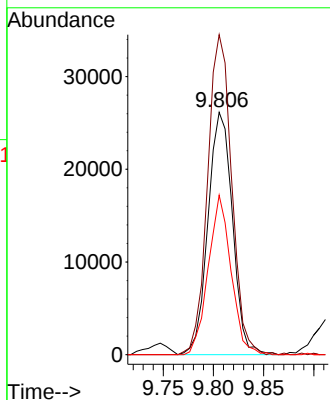
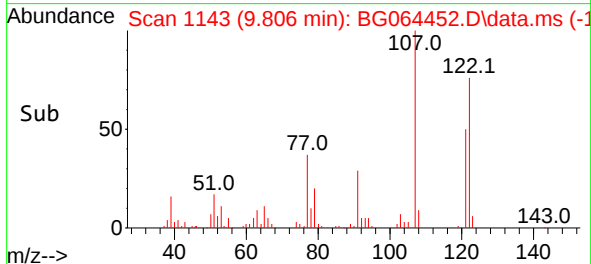
Tgt Ion:122 Resp: 44334
Ion Ratio Lower Upper
122 100
107 132.0 102.6 153.8
121 65.8 44.4 66.6

Manual Integrations

APPROVED

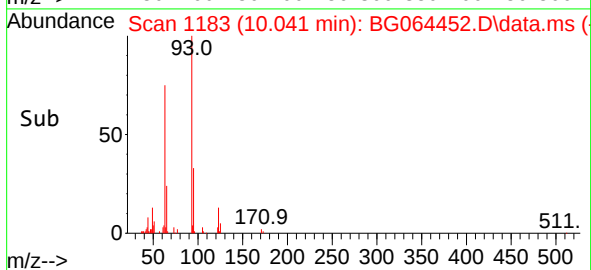
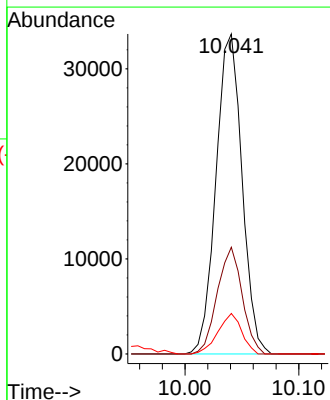
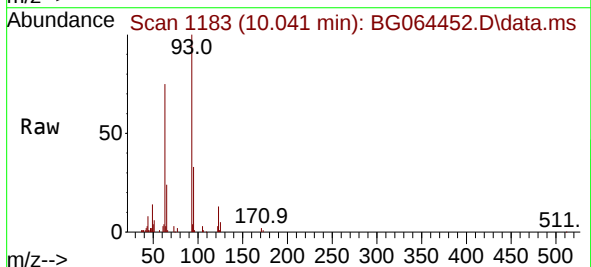
Reviewed By :Rahul Chavli 10/03/2025

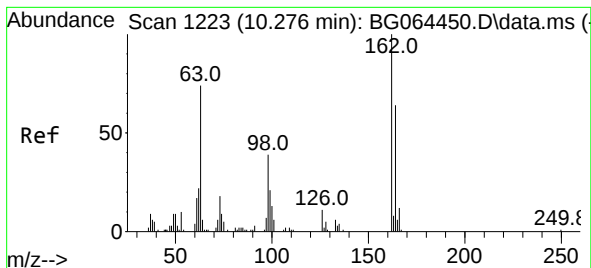
Supervised By :Jagrut Upadhyay 10/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.392 ng
RT: 10.041 min Scan# 1183
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 93 Resp: 53573
Ion Ratio Lower Upper
93 100
95 33.4 24.0 36.0
123 12.6 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 42.684 ng
RT: 10.276 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

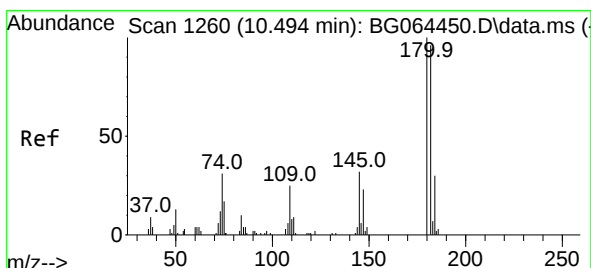
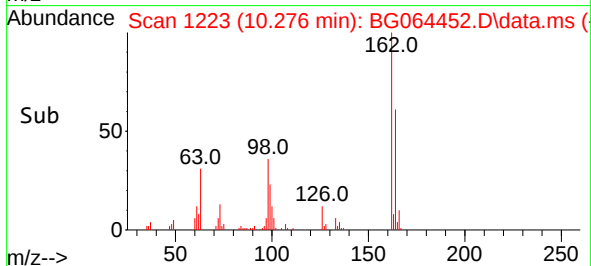
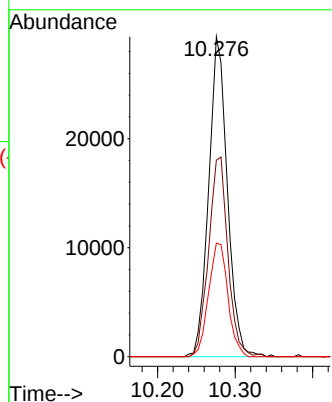
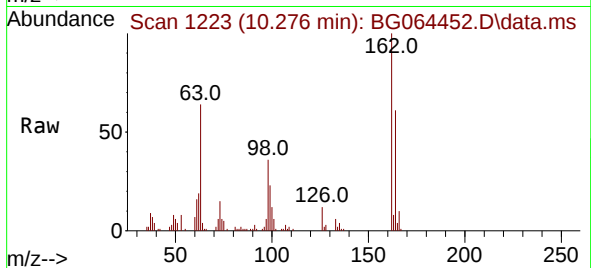
ICVBG092525

Tgt Ion:162 Resp: 49172
Ion Ratio Lower Upper
162 100
164 61.4 43.7 83.7
98 35.5 19.2 59.2

Manual Integrations

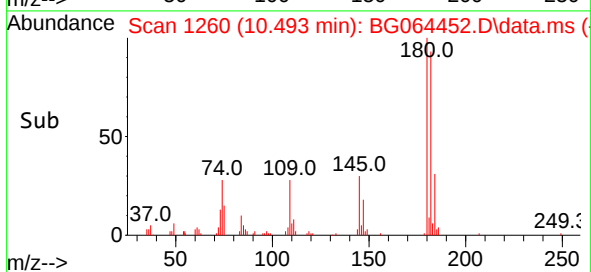
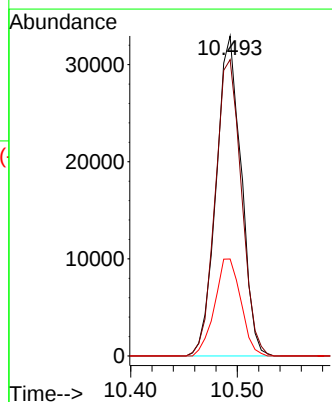
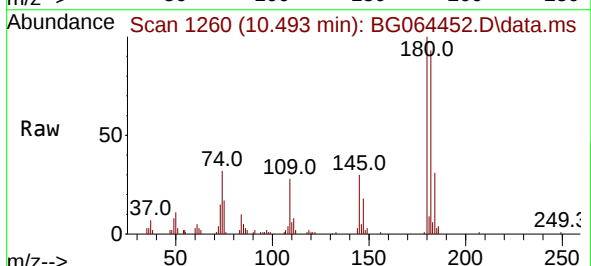
APPROVED

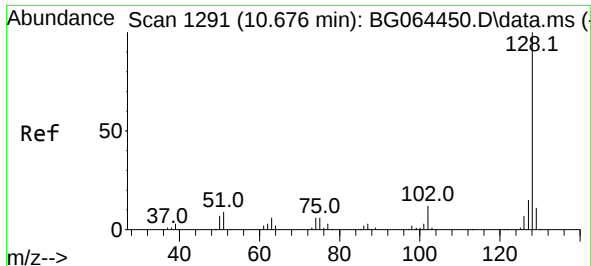
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.539 ng
RT: 10.493 min Scan# 1260
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

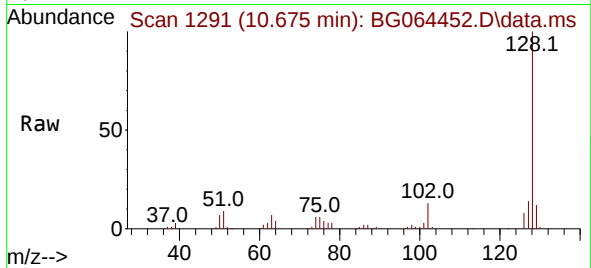
Tgt Ion:180 Resp: 53650
Ion Ratio Lower Upper
180 100
182 92.6 77.0 115.4
145 30.3 25.4 38.2





#31
Naphthalene
Concen: 43.038 ng
RT: 10.675 min Scan# 1169
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

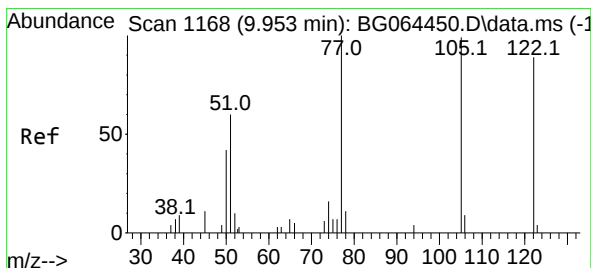
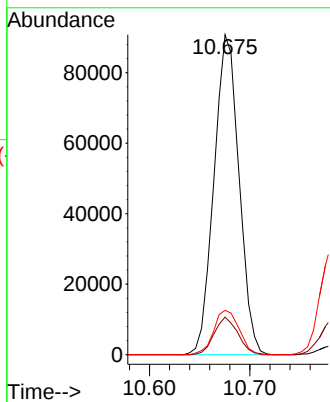
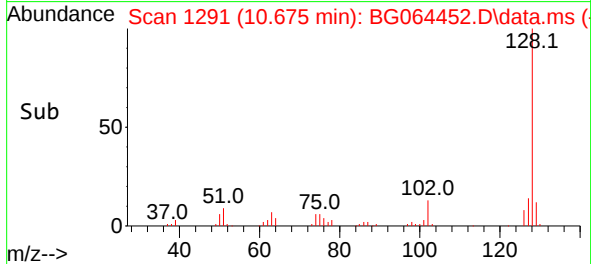
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



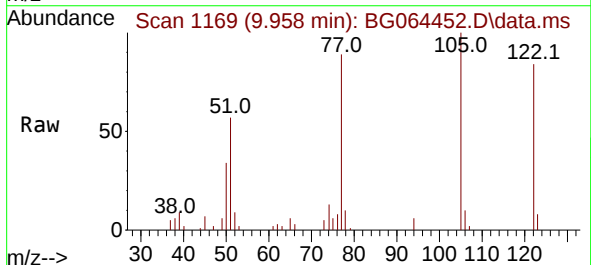
Tgt Ion:128 Resp: 157270
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.8 12.1 18.1

Manual Integrations
APPROVED

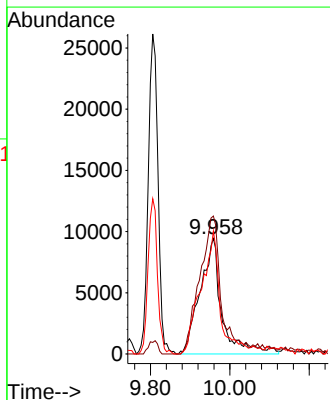
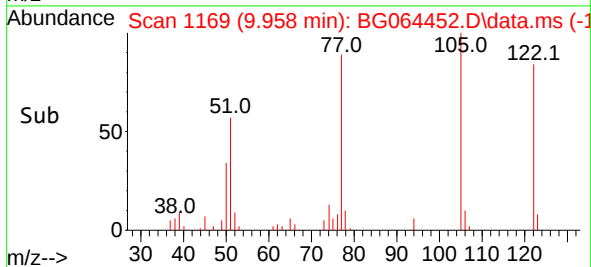
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

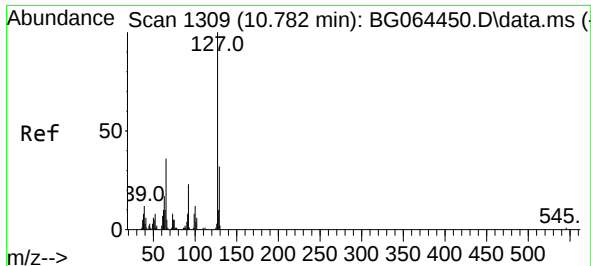


#32
Benzoic acid
Concen: 46.391 ng m
RT: 9.958 min Scan# 1169
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:122 Resp: 35974
Ion Ratio Lower Upper
122 100
105 119.5 91.0 131.0
77 106.5 92.2 132.2





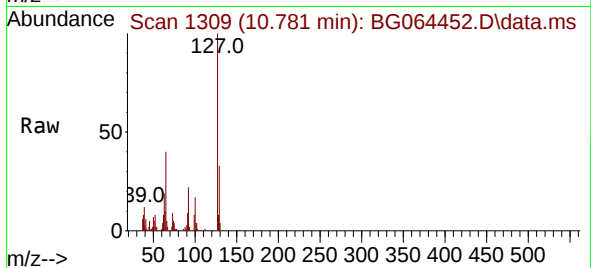
#33
4-Chloroaniline
Concen: 44.175 ng
RT: 10.781 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



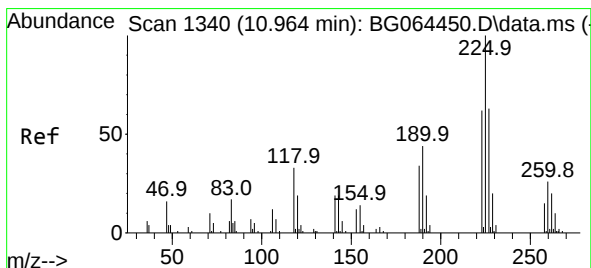
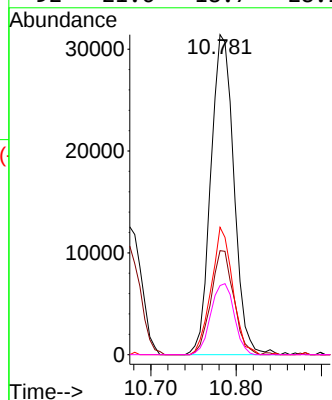
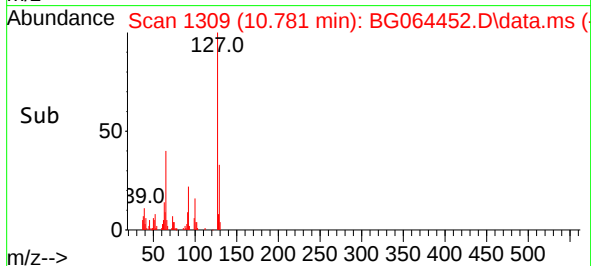
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	39.8	28.6	43.0
92	21.6	18.7	28.1

Manual Integrations

APPROVED

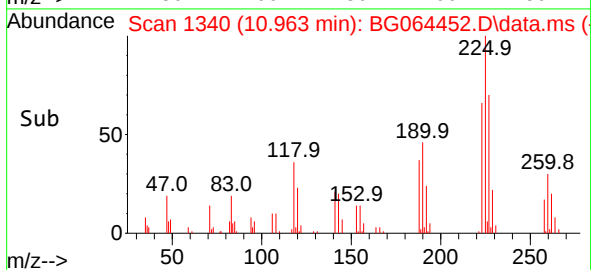
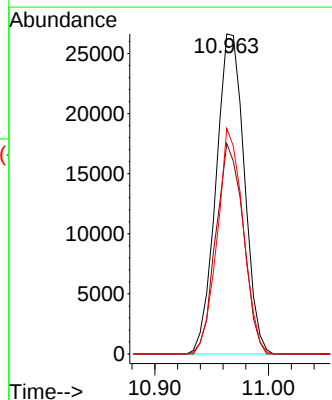
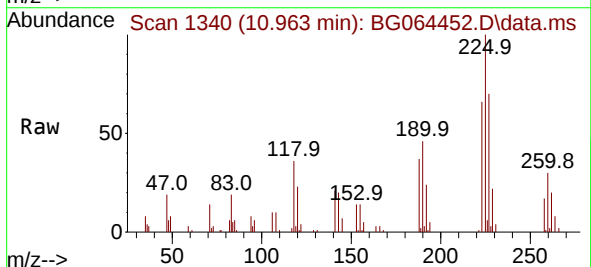
Reviewed By :Rahul Chavli 10/03/2025

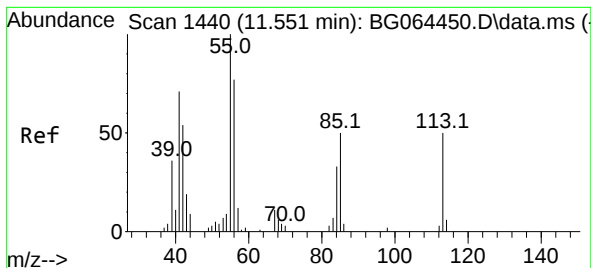
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 43.780 ng
RT: 10.963 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.4	74.2
227	70.4	50.0	75.0





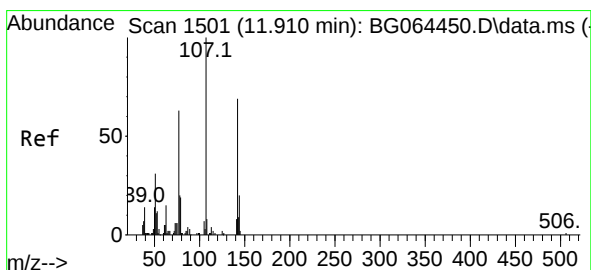
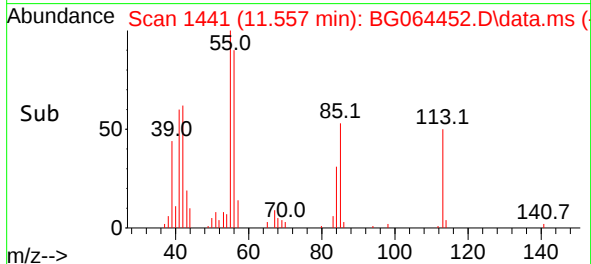
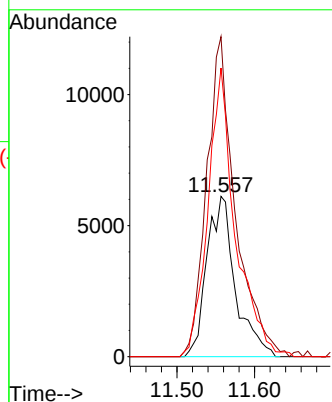
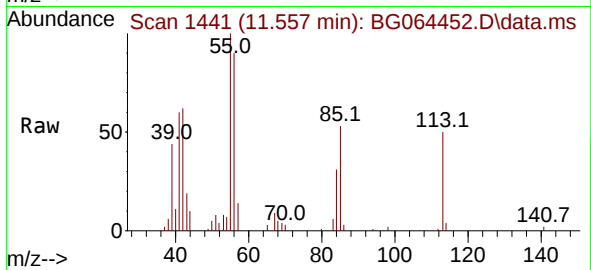
#35
 Caprolactam
 Concen: 41.004 ng
 RT: 11.557 min Scan# 1441
 Delta R.T. 0.005 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Tgt Ion:113 Resp: 15580
 Ion Ratio Lower Upper
 113 100
 55 199.7 178.3 218.3
 56 180.1 132.4 172.4

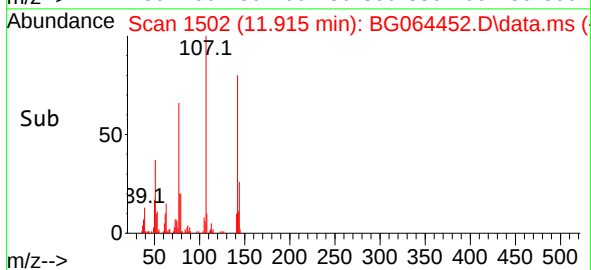
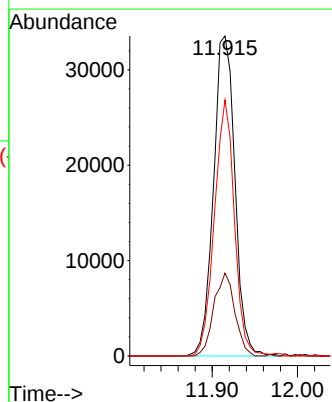
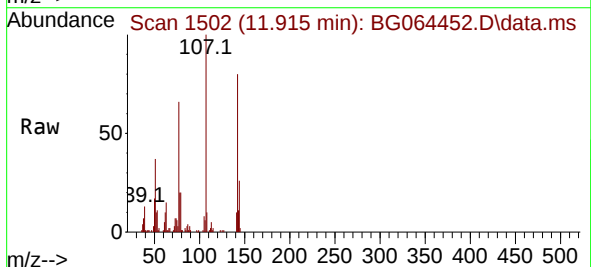
Manual Integrations
 APPROVED

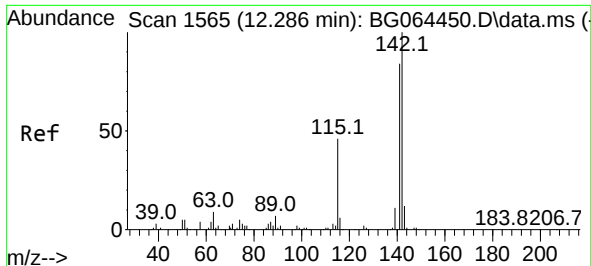
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.917 ng
 RT: 11.915 min Scan# 1502
 Delta R.T. 0.005 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49

Tgt Ion:107 Resp: 58602
 Ion Ratio Lower Upper
 107 100
 144 25.9 16.3 24.5#
 142 80.0 55.5 83.3





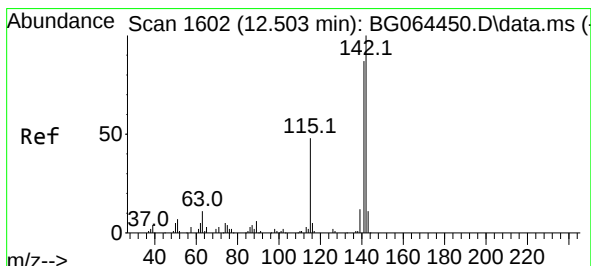
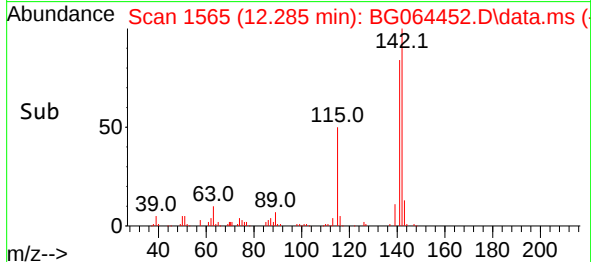
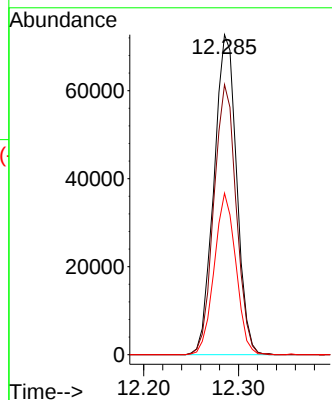
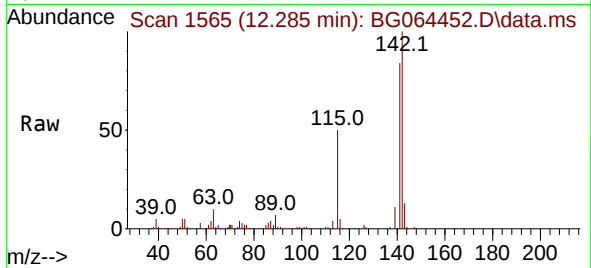
#37
2-Methylnaphthalene
Concen: 43.854 ng
RT: 12.285 min Scan# 1565
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion:142 Resp: 12101
Ion Ratio Lower Upper
142 100
141 84.4 67.3 100.9
115 50.4 37.0 55.4

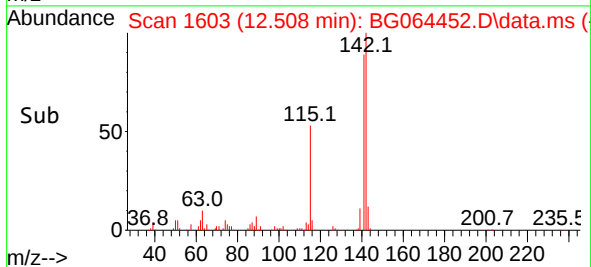
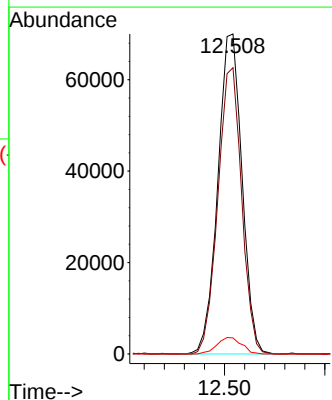
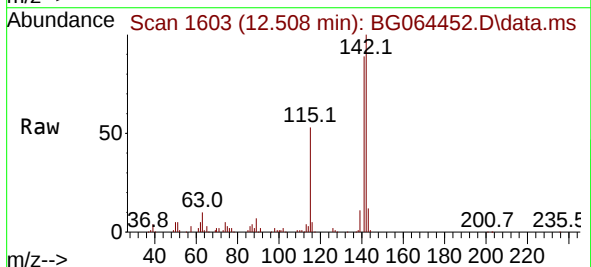
Manual Integrations
APPROVED

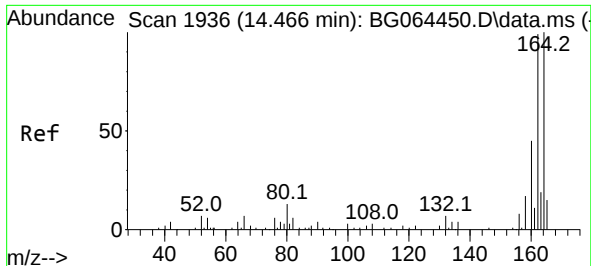
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 43.108 ng
RT: 12.508 min Scan# 1603
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:142 Resp: 116879
Ion Ratio Lower Upper
142 100
141 89.4 69.2 103.8
116 5.0 4.2 6.4





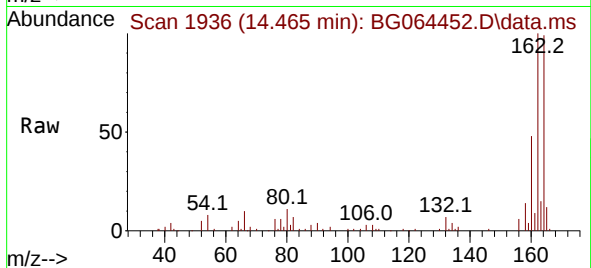
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



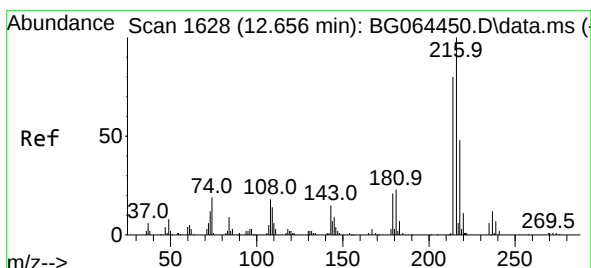
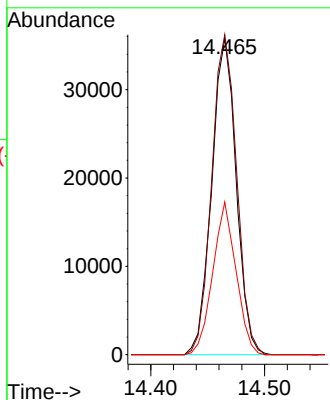
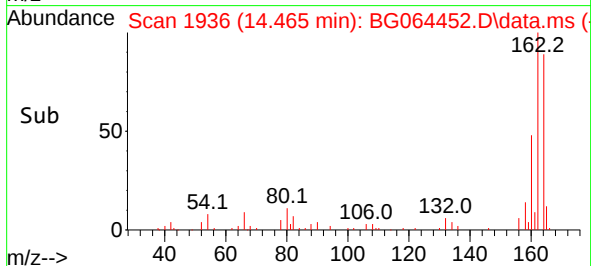
Tgt Ion:164 Resp: 53500
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.4
160 48.3 36.3 54.5

Manual Integrations

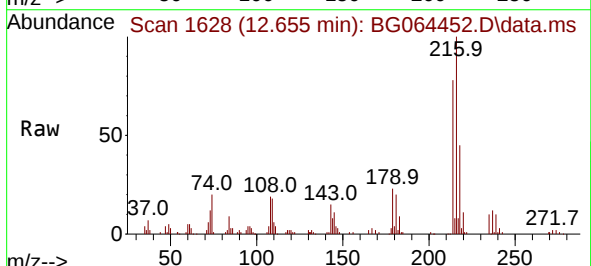
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

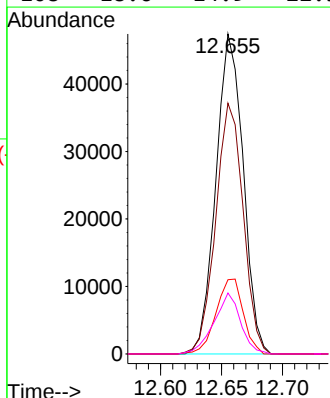
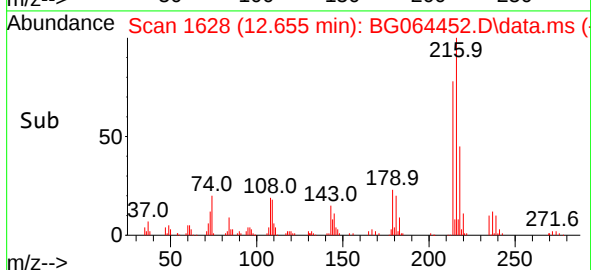
Supervised By :Jagrut Upadhyay 10/03/2025

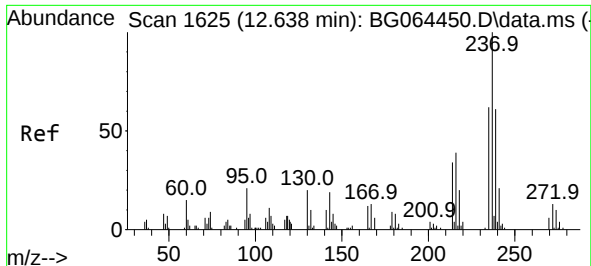


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.176 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



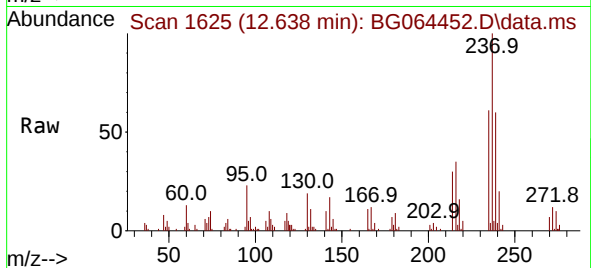
Tgt Ion:216 Resp: 73625
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 23.5 17.4 26.2
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 42.097 ng
RT: 12.638 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

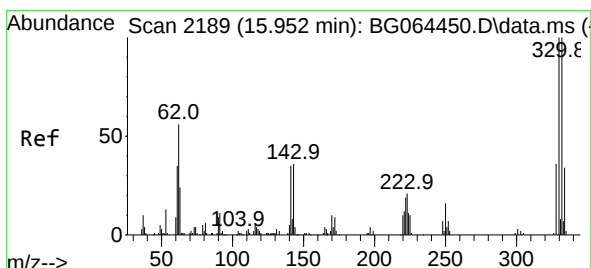
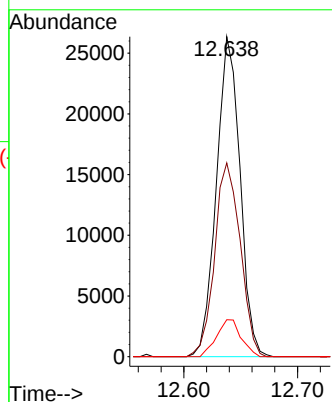
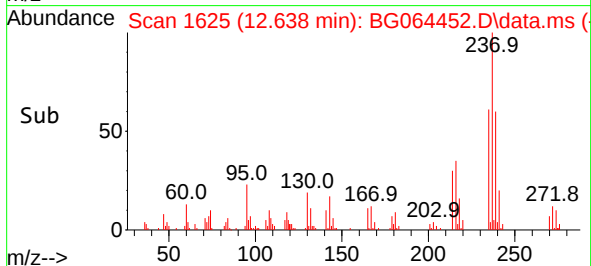
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



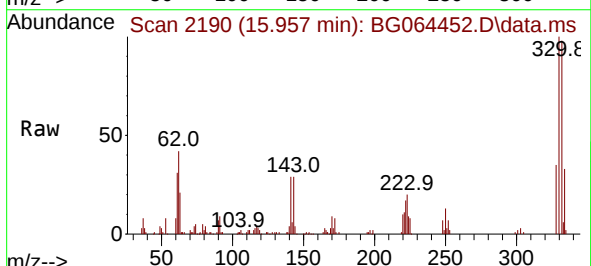
Tgt Ion:237 Resp: 38124
Ion Ratio Lower Upper
237 100
235 60.6 42.2 82.2
272 11.6 0.0 32.8

Manual Integrations
APPROVED

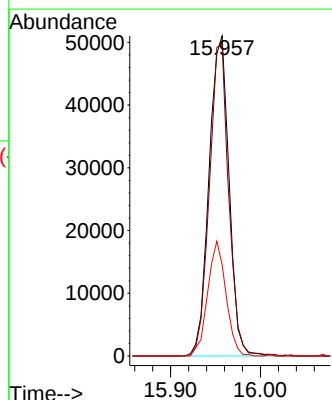
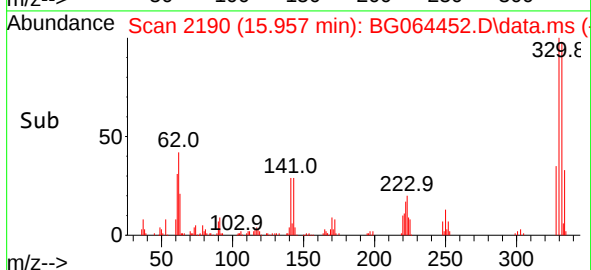
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

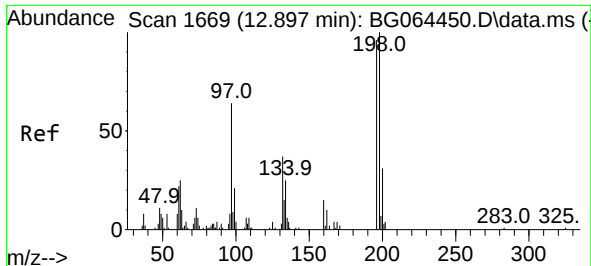


#42
2,4,6-Tribromophenol
Concen: 84.250 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:330 Resp: 78697
Ion Ratio Lower Upper
330 100
332 94.4 78.8 118.2
141 32.9 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 42.907 ng
RT: 12.896 min Scan# 1669
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

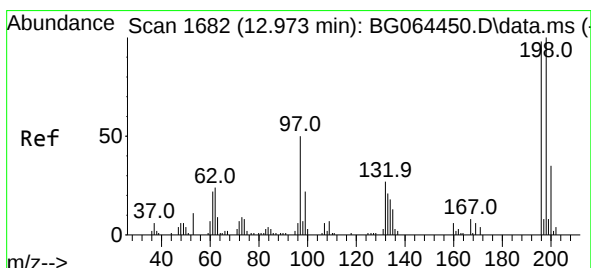
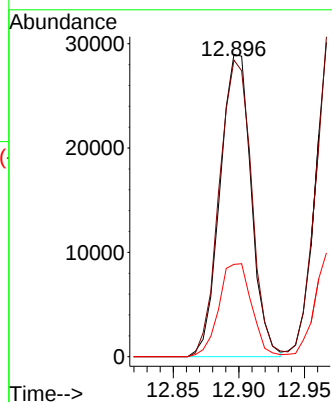
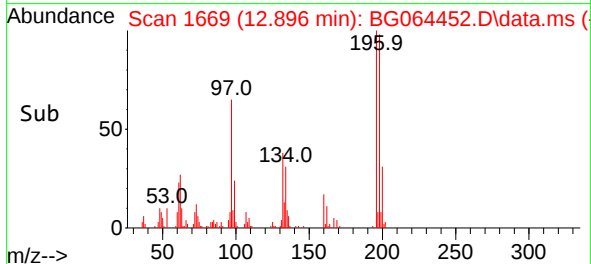
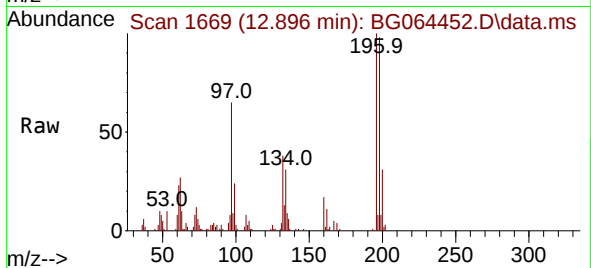
ICVBG092525

Tgt Ion:196 Resp: 47720
Ion Ratio Lower Upper
196 100
198 98.1 83.8 125.6
200 30.5 26.1 39.1

Manual Integrations

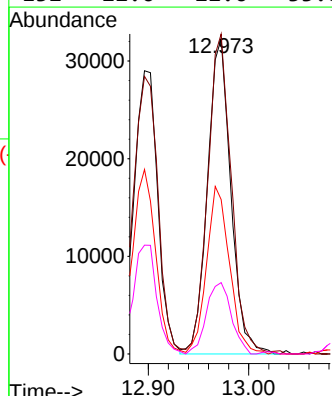
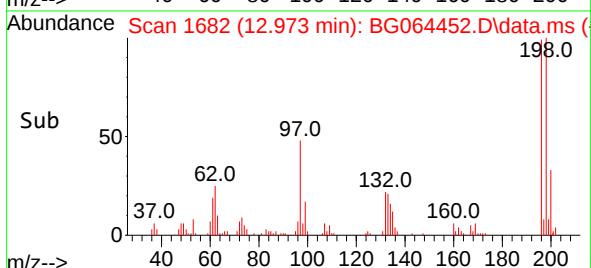
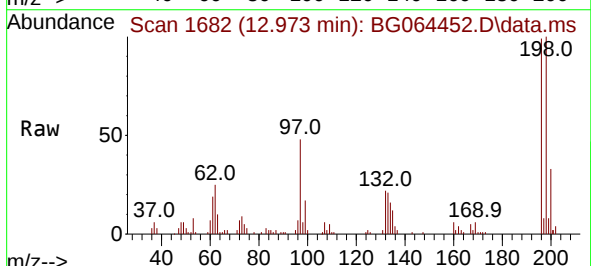
APPROVED

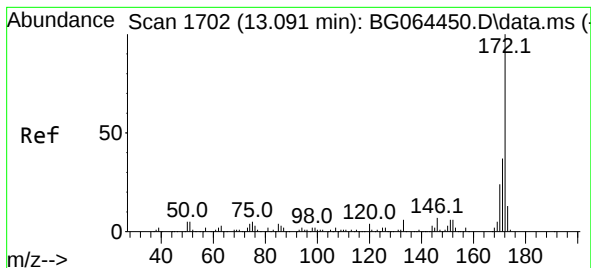
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 43.074 ng
RT: 12.973 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

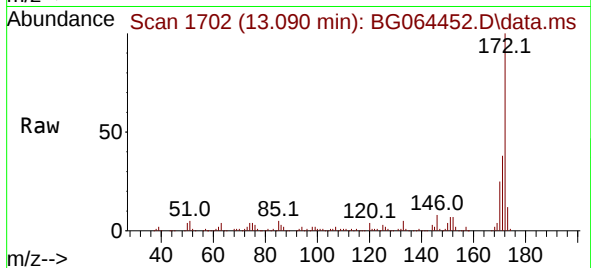
Tgt Ion:196 Resp: 52262
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 49.0 40.5 60.7
132 22.6 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 85.338 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

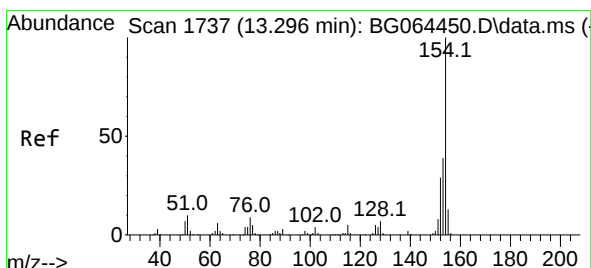
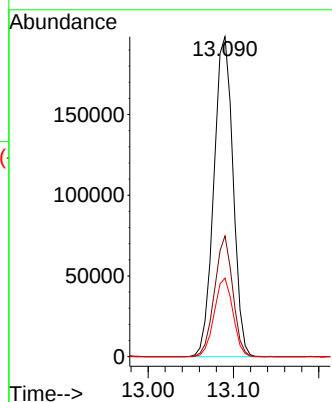
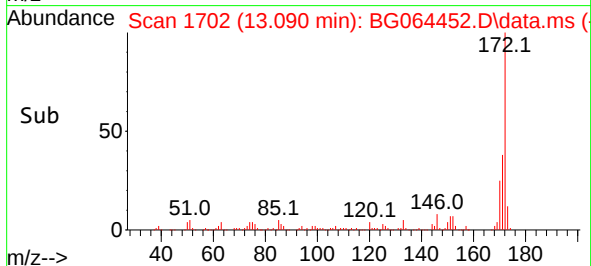
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



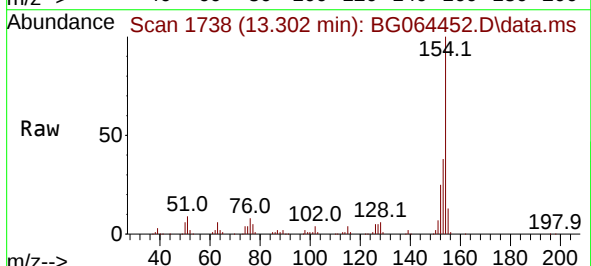
Tgt Ion:172 Resp: 309222
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.5 18.9 28.3

Manual Integrations
APPROVED

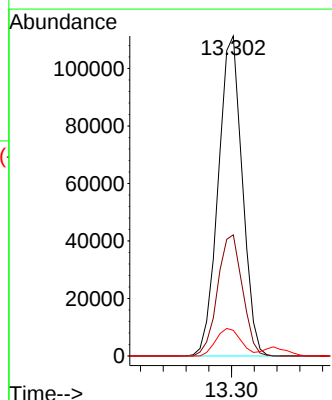
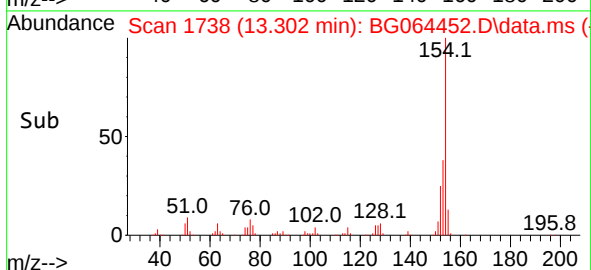
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

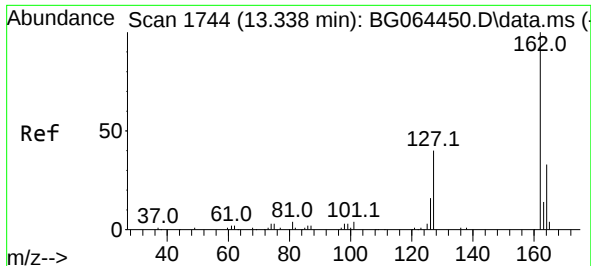


#46
1,1'-Biphenyl
Concen: 42.963 ng
RT: 13.302 min Scan# 1738
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:154 Resp: 163525
Ion Ratio Lower Upper
154 100
153 37.9 18.8 58.8
76 8.0 0.0 28.8





#47

2-Chloronaphthalene

Concen: 42.063 ng

RT: 13.337 min Scan# 1744

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

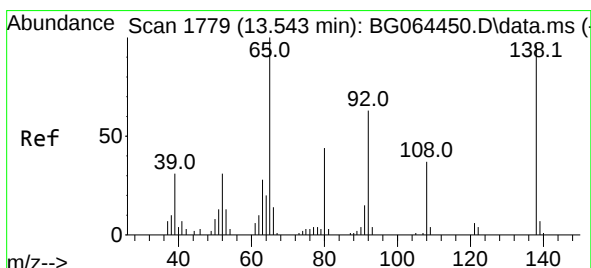
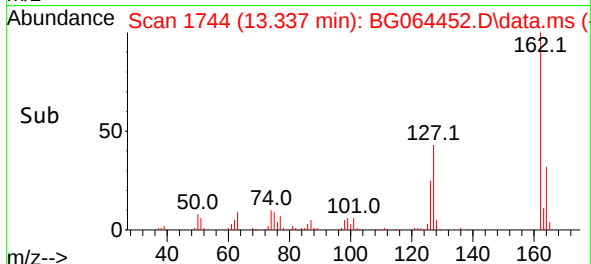
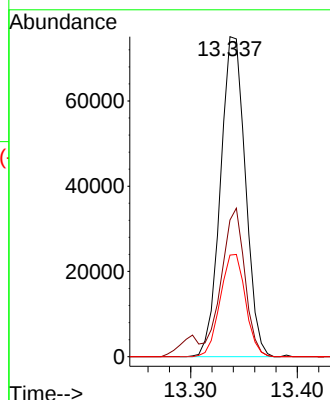
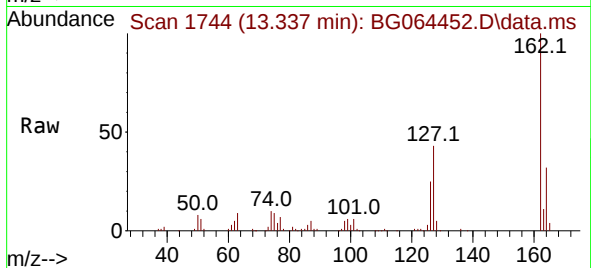
Tgt Ion:	162	Resp:	12168
Ion Ratio	Lower	Upper	
162	100		
127	42.7	36.2	54.4
164	31.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 43.591 ng

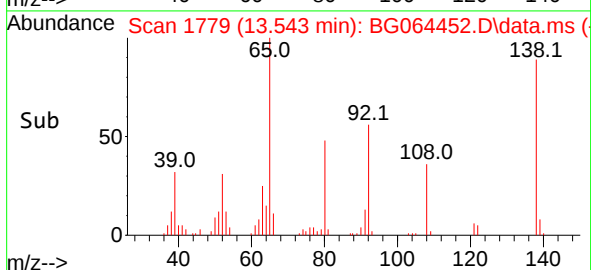
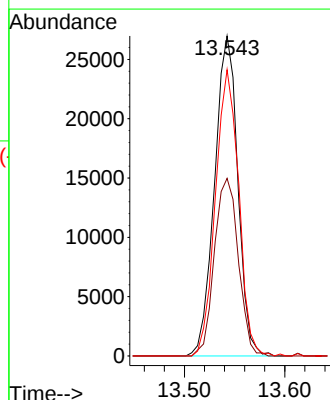
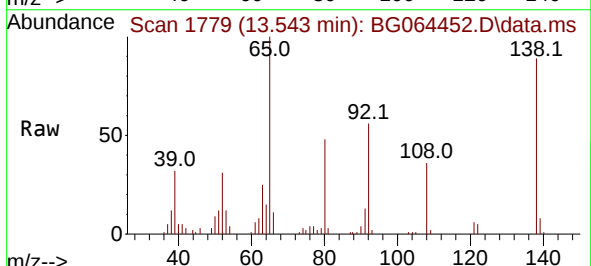
RT: 13.543 min Scan# 1779

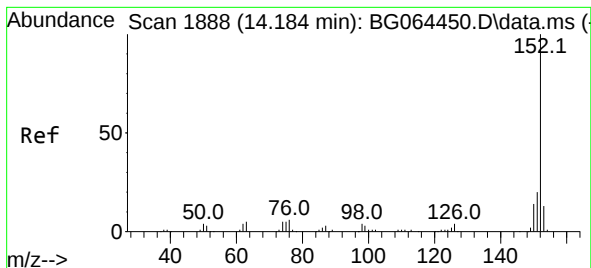
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:	65	Resp:	43340
Ion Ratio	Lower	Upper	
65	100		
92	55.5	50.6	75.8
138	89.4	76.4	114.6





#49

Acenaphthylene

Concen: 42.205 ng

RT: 14.183 min Scan# 1888

Delta R.T. -0.001 min

Lab File: BG064452.D

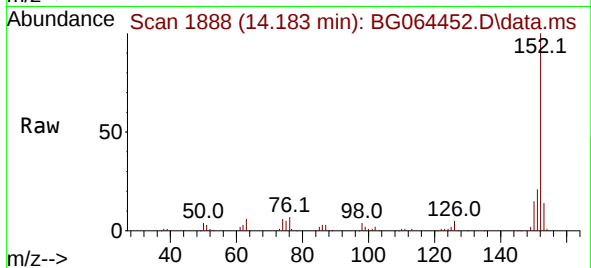
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



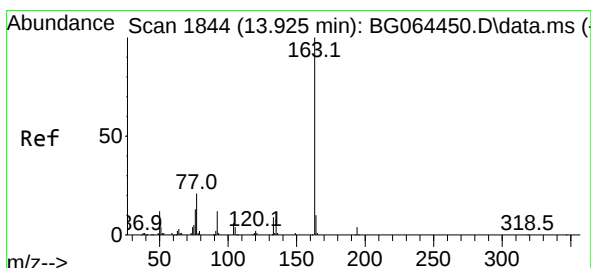
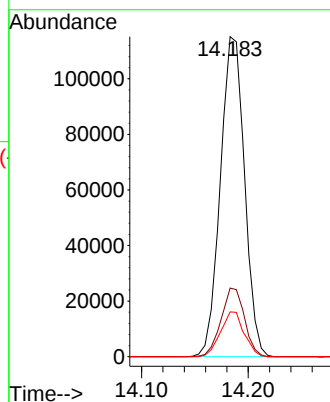
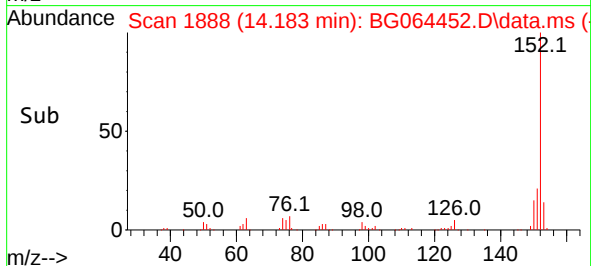
Tgt Ion:	152	Resp:	18125
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 41.467 ng

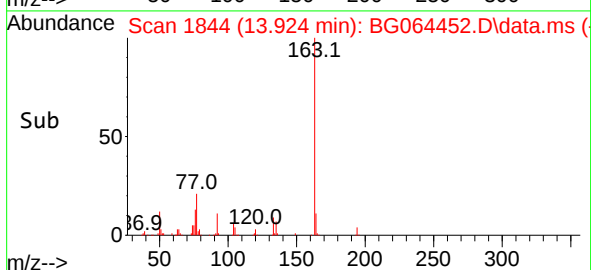
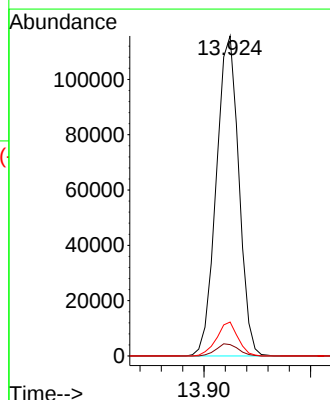
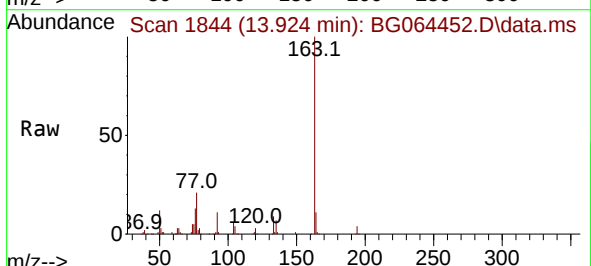
RT: 13.924 min Scan# 1844

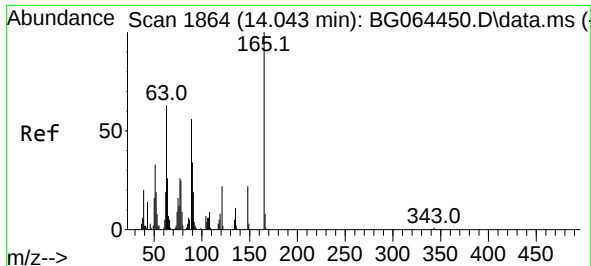
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:	163	Resp:	169499
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	10.6	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 41.233 ng
RT: 14.042 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

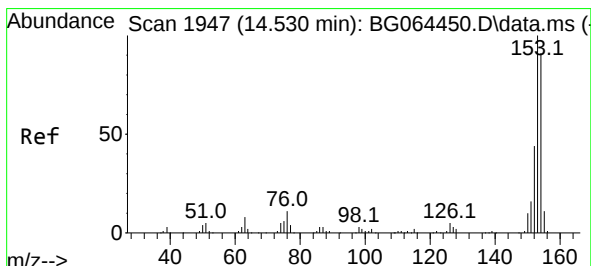
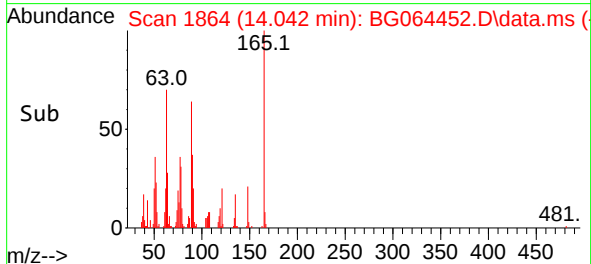
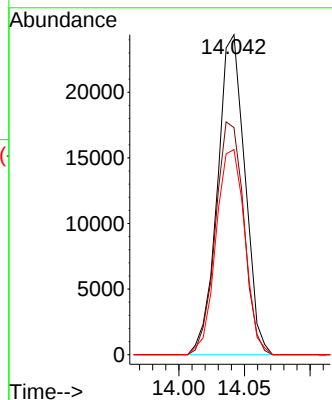
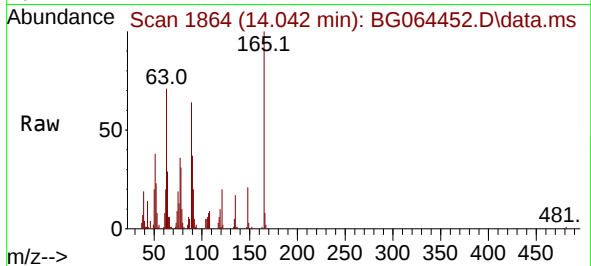
ClientSampleId :

ICVBG092525

Tgt Ion:165 Resp: 3540
Ion Ratio Lower Upper
165 100
63 71.0 50.6 75.8
89 64.1 44.6 67.0

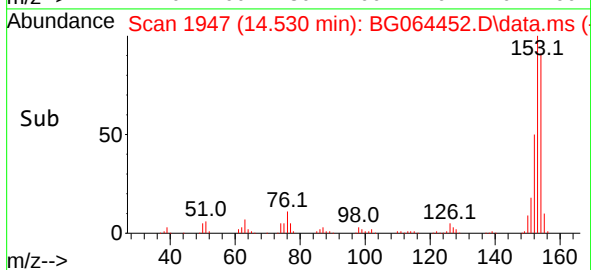
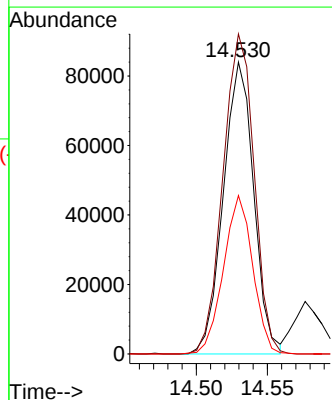
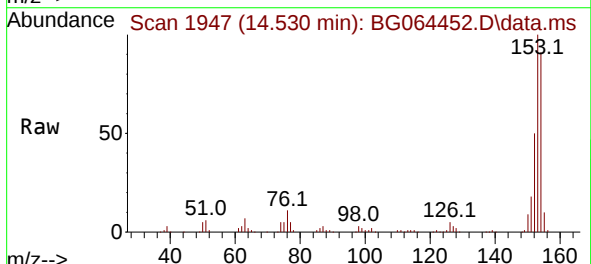
Manual Integrations
APPROVED

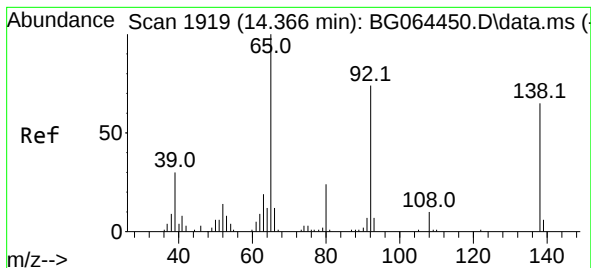
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 42.520 ng
RT: 14.530 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:154 Resp: 124969
Ion Ratio Lower Upper
154 100
153 109.6 88.1 132.1
152 54.3 39.0 58.4





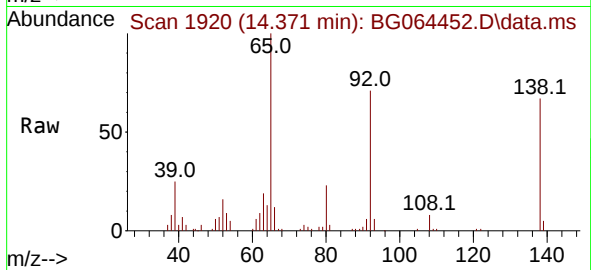
#53
3-Nitroaniline
Concen: 42.264 ng
RT: 14.371 min Scan# 1919
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



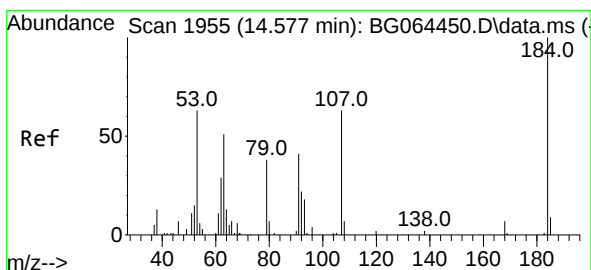
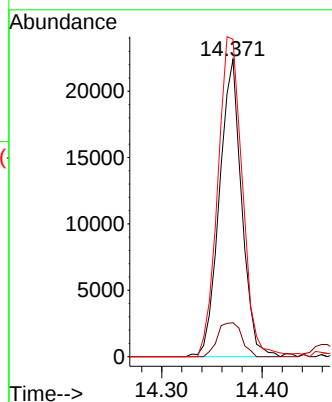
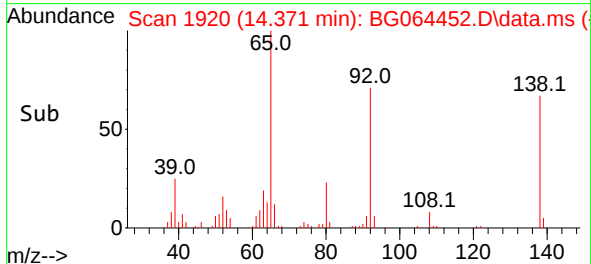
Tgt Ion:138 Resp: 34384
Ion Ratio Lower Upper
138 100
108 11.4 12.4 18.6
92 106.7 91.0 136.6

Manual Integrations

APPROVED

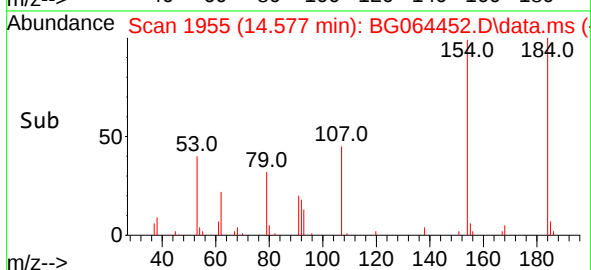
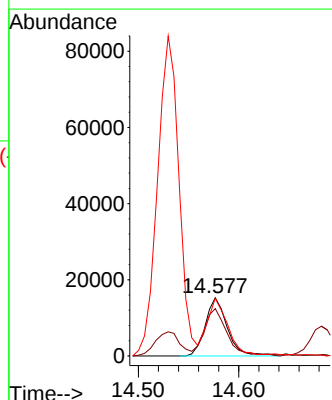
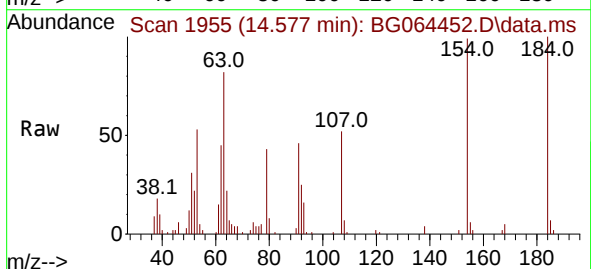
Reviewed By :Rahul Chavli 10/03/2025

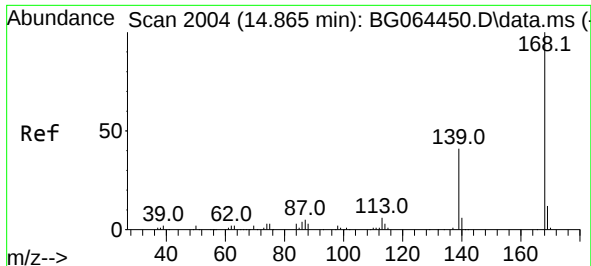
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 40.795 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:184 Resp: 23261
Ion Ratio Lower Upper
184 100
63 81.5 69.8 104.8
154 99.0 74.2 111.4





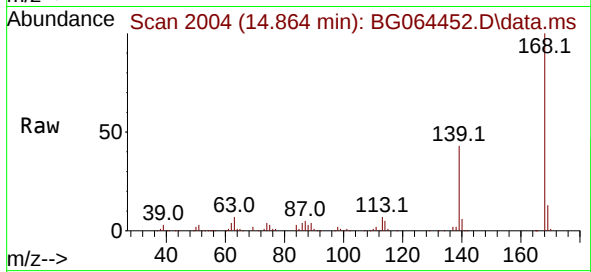
#55
Dibenzofuran
Concen: 41.540 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



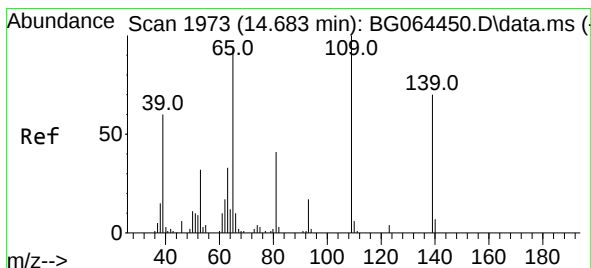
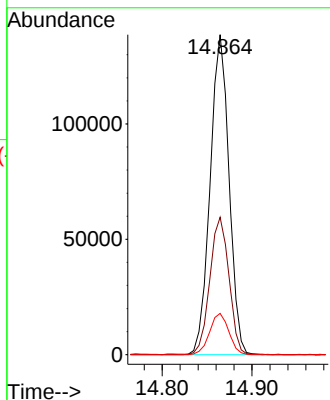
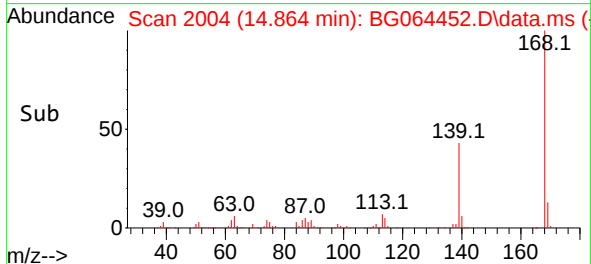
Tgt Ion:168 Resp: 202428
Ion Ratio Lower Upper
168 100
139 43.0 33.3 49.9
169 12.9 9.9 14.9

Manual Integrations

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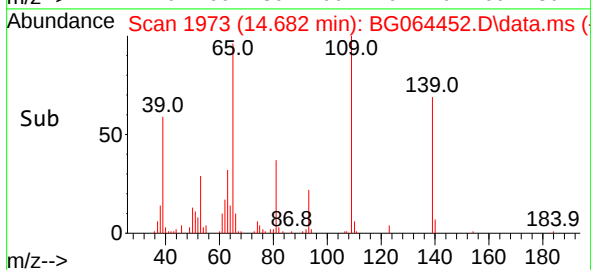
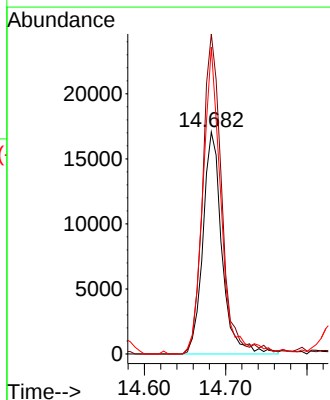
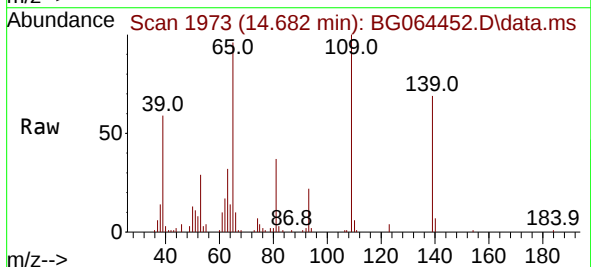
Reviewed By :Rahul Chavli 10/03/2025

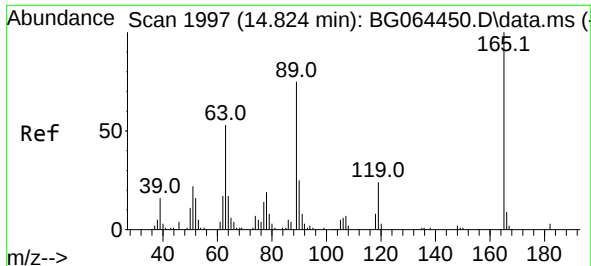
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 42.132 ng
RT: 14.682 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:139 Resp: 27745
Ion Ratio Lower Upper
139 100
109 144.2 122.5 162.5
65 138.3 113.0 153.0





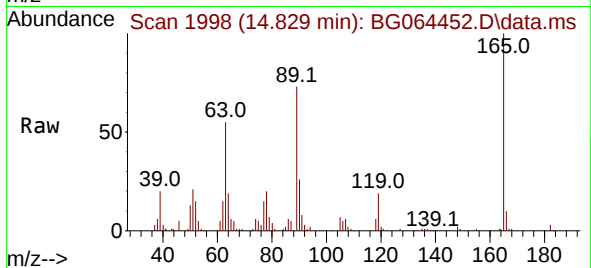
#57
2,4-Dinitrotoluene
Concen: 42.615 ng
RT: 14.829 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



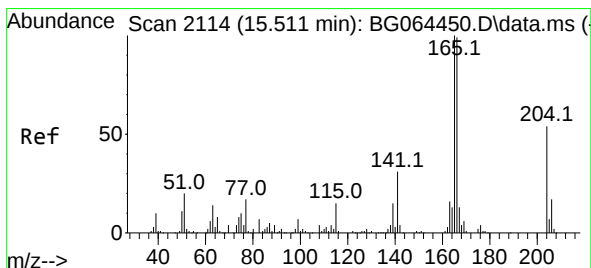
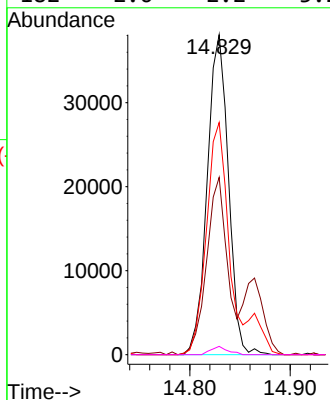
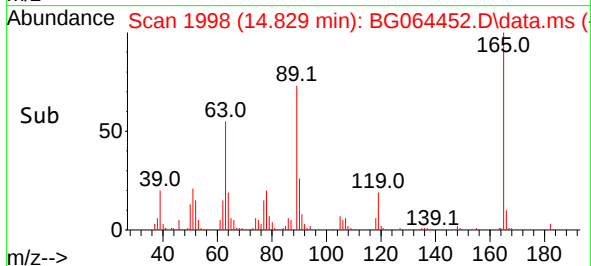
Tgt Ion:165 Resp: 5585
Ion Ratio Lower Upper
165 100
63 55.4 42.6 63.8
89 72.5 59.7 89.5
182 2.6 2.2 3.2

Manual Integrations

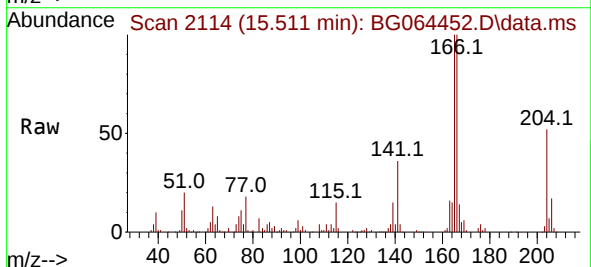
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

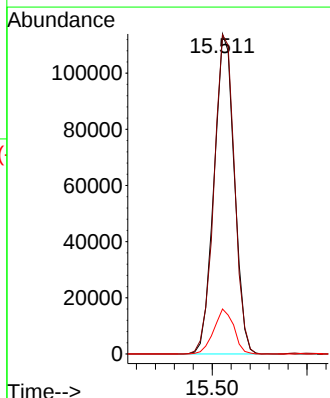
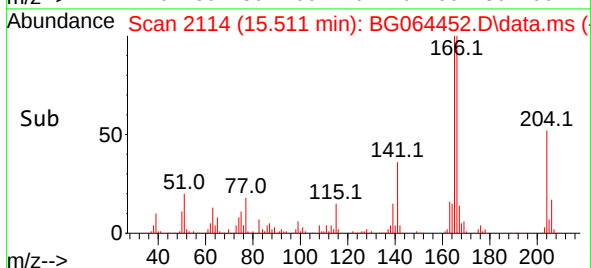
Supervised By :Jagrut Upadhyay 10/03/2025

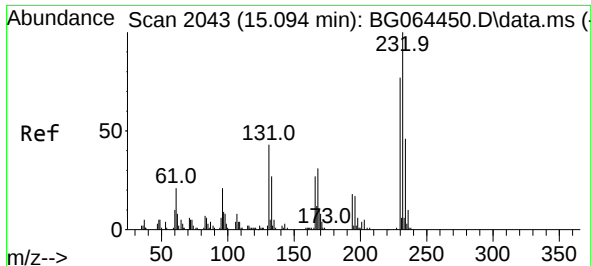


#58
Fluorene
Concen: 42.130 ng
RT: 15.511 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



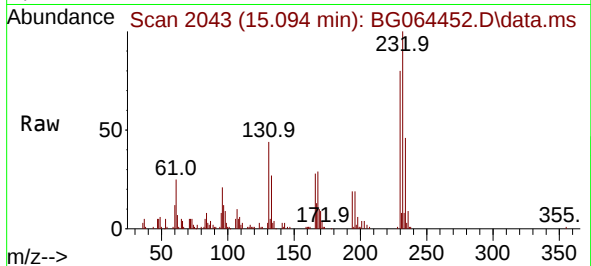
Tgt Ion:166 Resp: 169479
Ion Ratio Lower Upper
166 100
165 99.8 81.1 121.7
167 14.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.332 ng
RT: 15.094 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

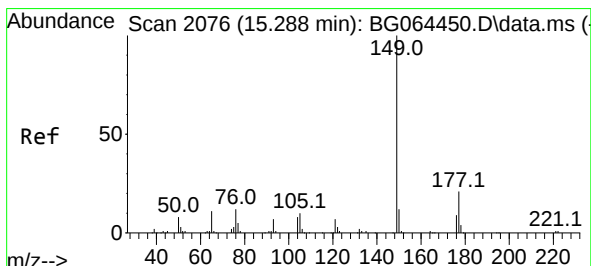
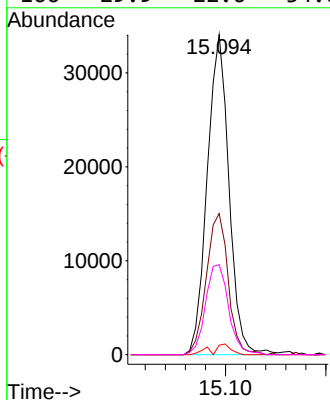
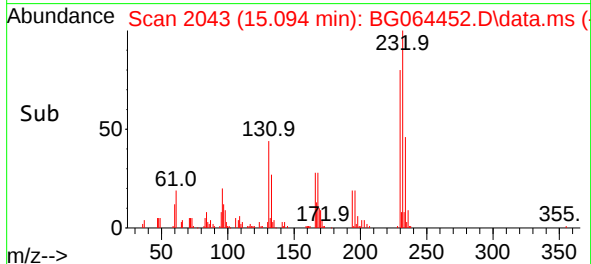
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



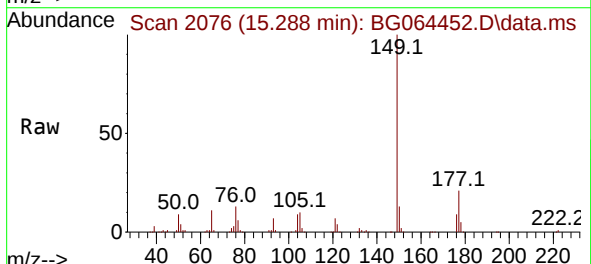
Tgt Ion:232 Resp: 5123
Ion Ratio Lower Upper
232 100
131 44.4 34.3 51.5
130 2.0 2.3 3.5
166 29.9 22.6 34.0

Manual Integrations
APPROVED

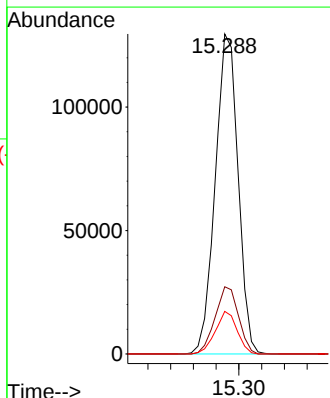
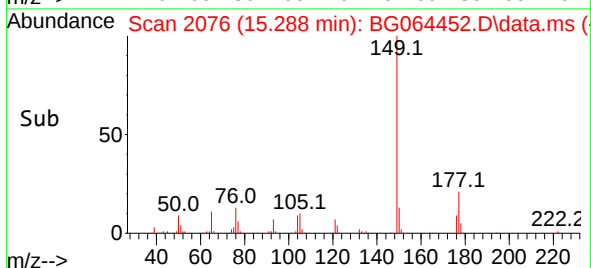
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

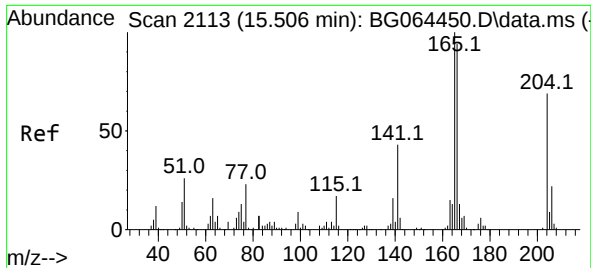


#60
Diethylphthalate
Concen: 41.011 ng
RT: 15.288 min Scan# 2076
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



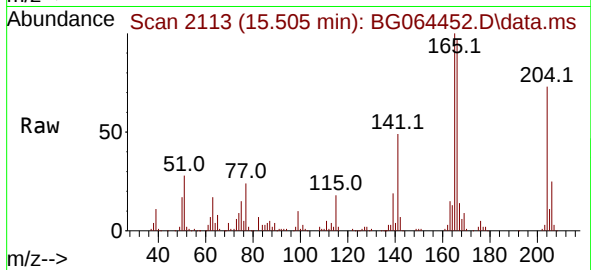
Tgt Ion:149 Resp: 180626
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 13.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 40.544 ng
RT: 15.505 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

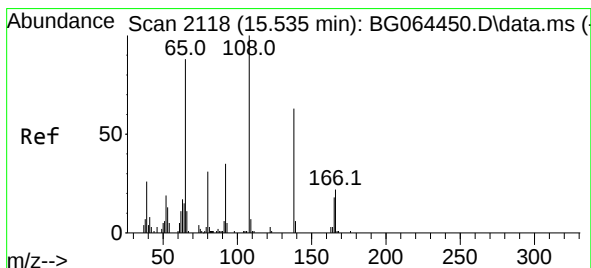
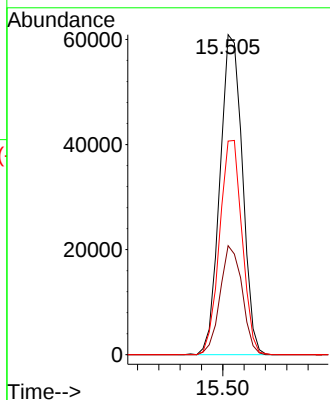
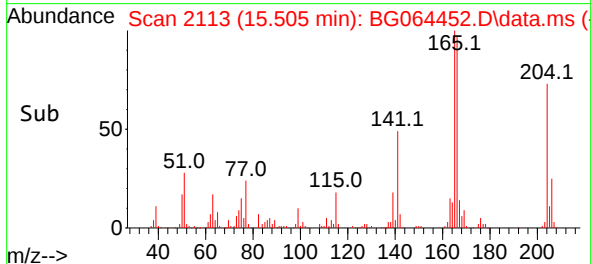
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



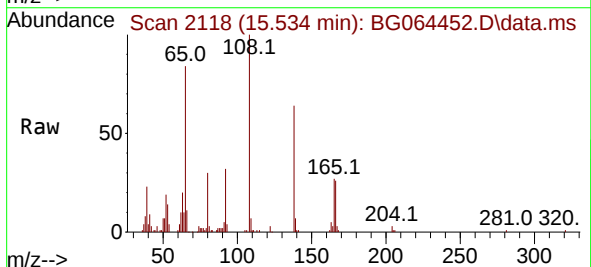
Tgt Ion:204 Resp: 89062
Ion Ratio Lower Upper
204 100
206 34.1 25.0 37.6
141 66.7 49.7 74.5

Manual Integrations
APPROVED

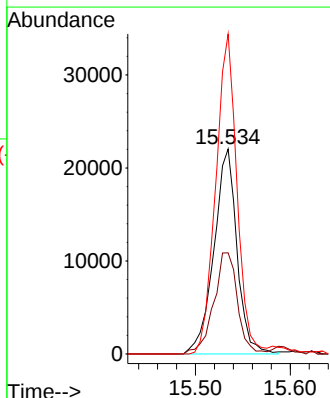
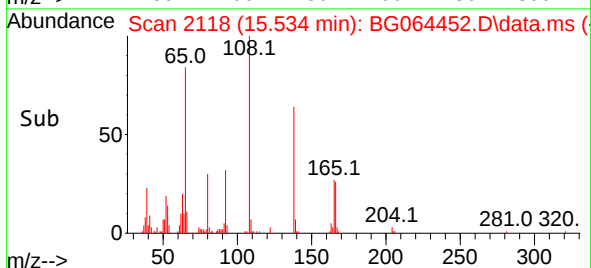
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

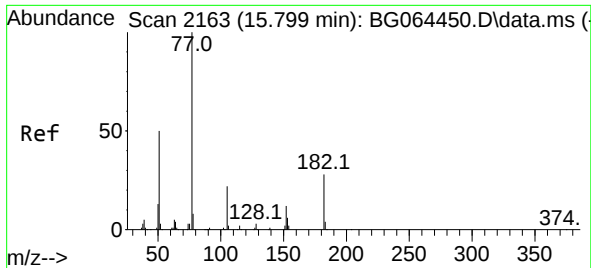


#62
4-Nitroaniline
Concen: 42.747 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



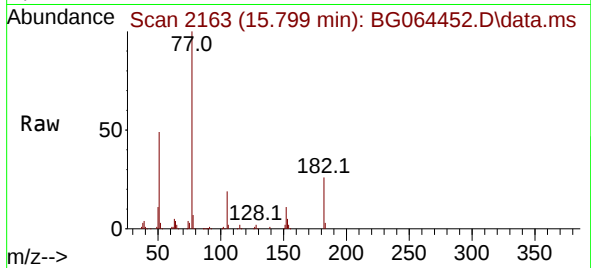
Tgt Ion:138 Resp: 37290
Ion Ratio Lower Upper
138 100
92 49.3 35.0 75.0
108 156.1 137.5 177.5





#63
Azobenzene
Concen: 42.137 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

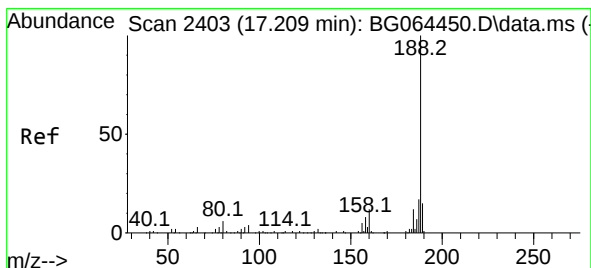
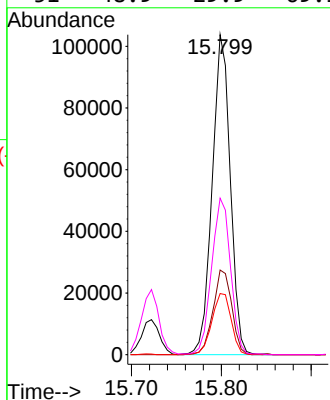
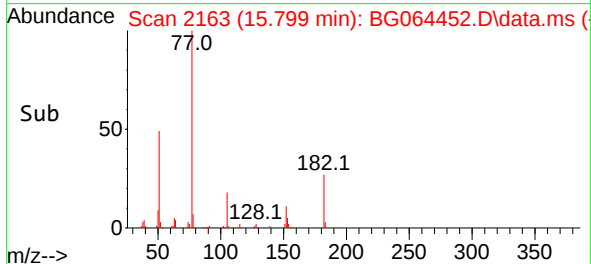
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 77	Resp: 14522
Ion Ratio	Lower Upper
77 100	
182 26.5	8.1 48.1
105 19.1	1.9 41.9
51 48.9	29.9 69.9

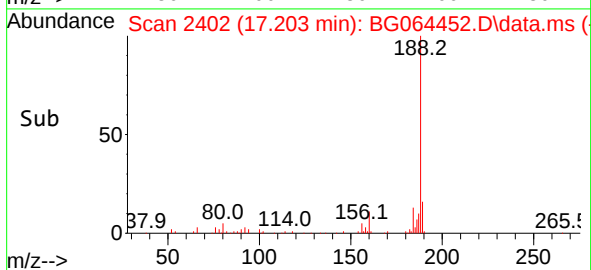
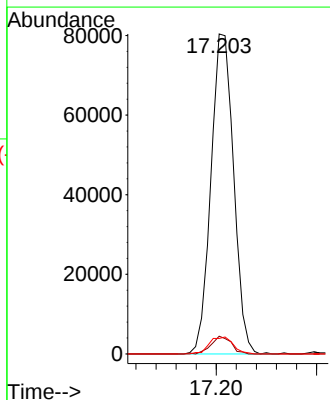
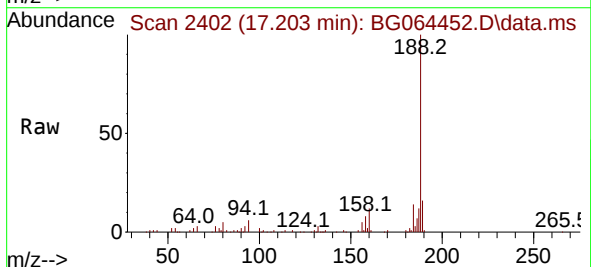
Manual Integrations
APPROVED

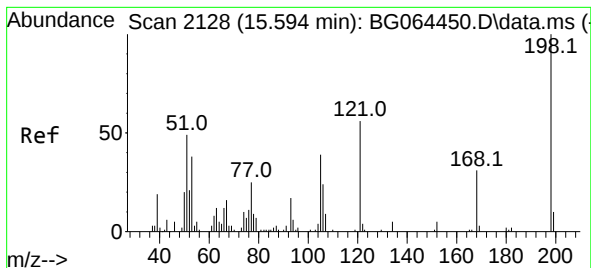
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:188	Resp: 126240
Ion Ratio	Lower Upper
188 100	
94 5.6	3.0 4.4#
80 4.8	4.9 7.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.013 ng
RT: 15.593 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

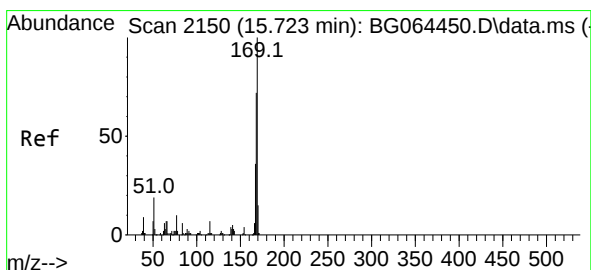
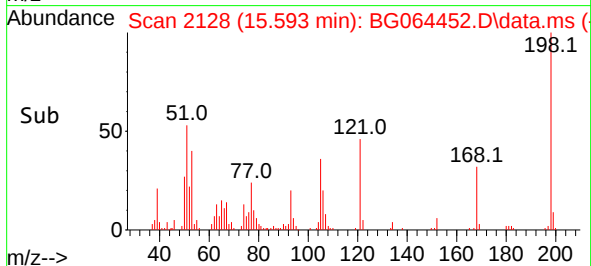
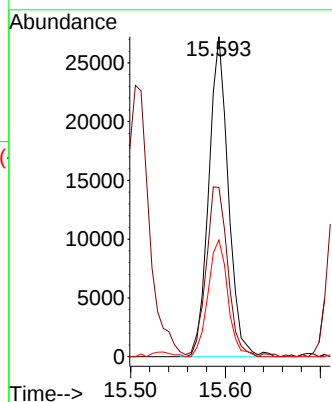
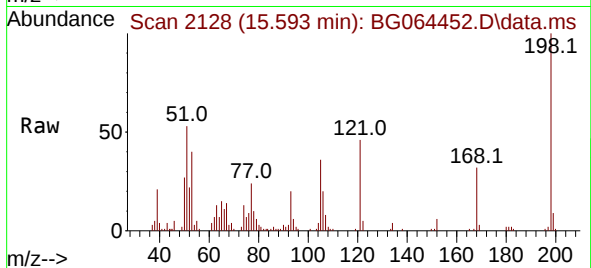
ICVBG092525

Tgt Ion:198 Resp: 38925
Ion Ratio Lower Upper
198 100
51 52.9 30.8 70.8
105 36.5 19.3 59.3

Manual Integrations

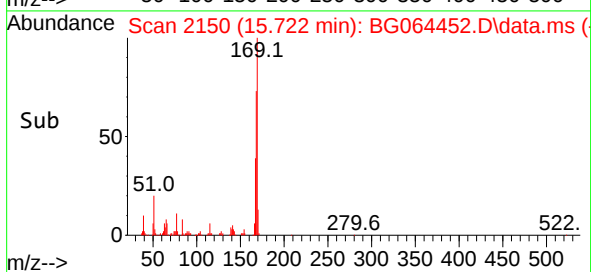
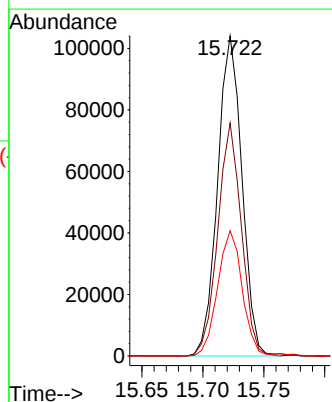
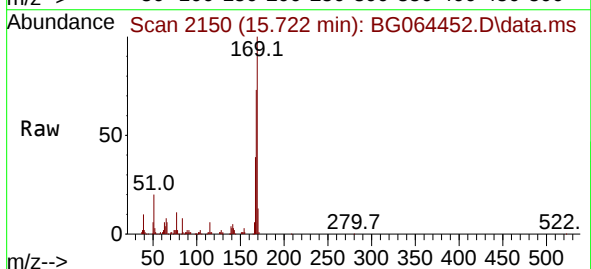
APPROVED

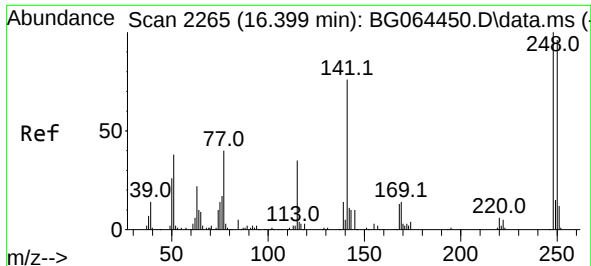
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.905 ng
RT: 15.722 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

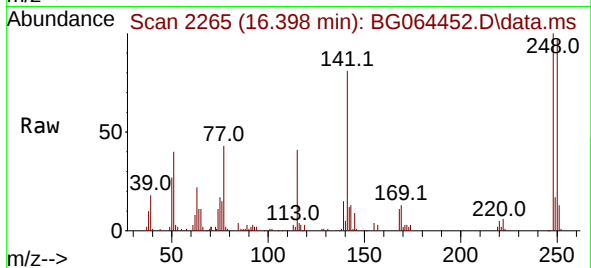
Tgt Ion:169 Resp: 144534
Ion Ratio Lower Upper
169 100
168 72.8 57.7 86.5
167 39.1 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.233 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

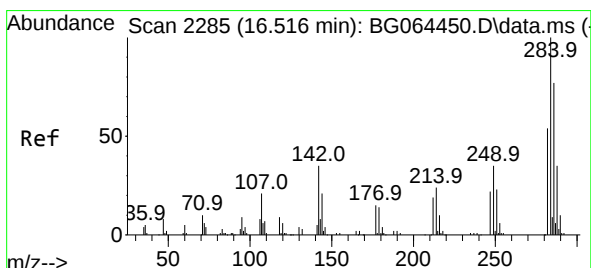
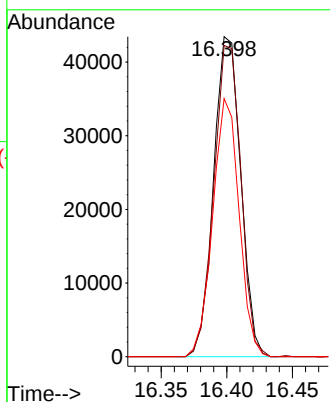
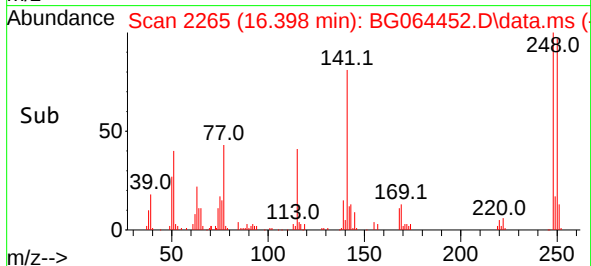
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



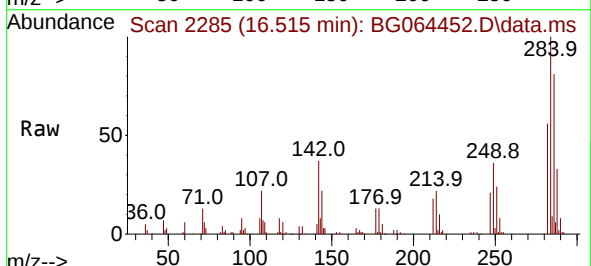
Tgt Ion:248 Resp: 62470
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 80.7 61.1 91.7

Manual Integrations
APPROVED

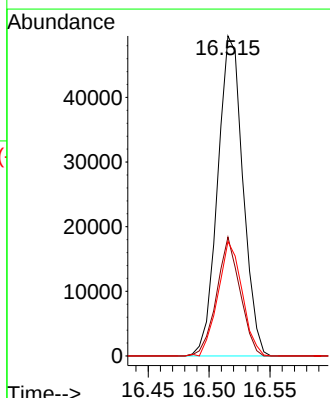
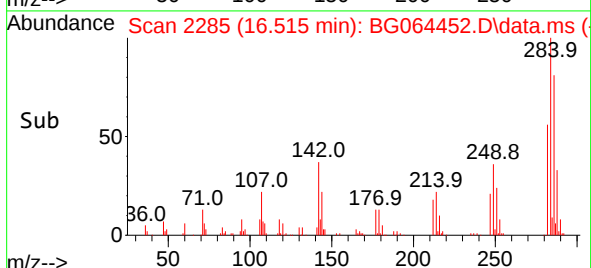
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

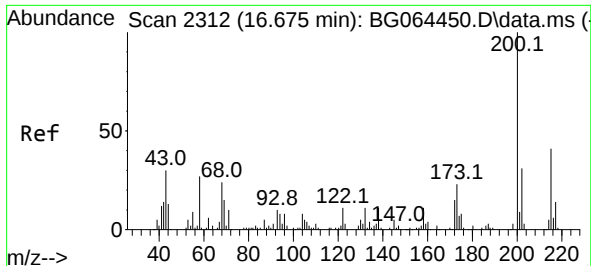


#68
Hexachlorobenzene
Concen: 42.425 ng
RT: 16.515 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:284 Resp: 71417
Ion Ratio Lower Upper
284 100
142 37.2 27.9 41.9
249 35.8 27.7 41.5





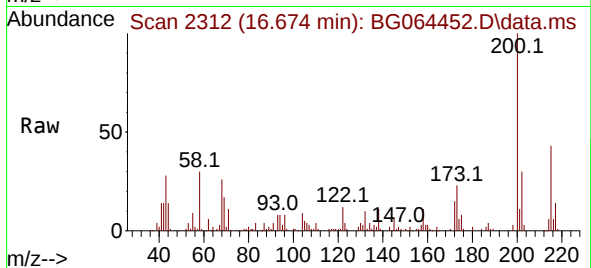
#69
 Atrazine
 Concen: 42.441 ng
 RT: 16.674 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



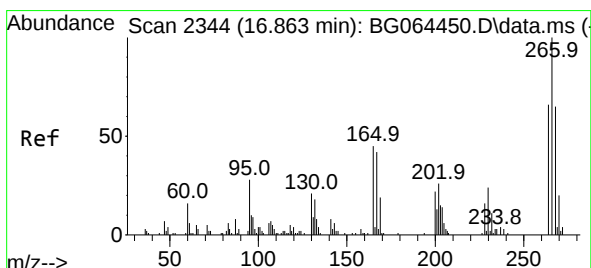
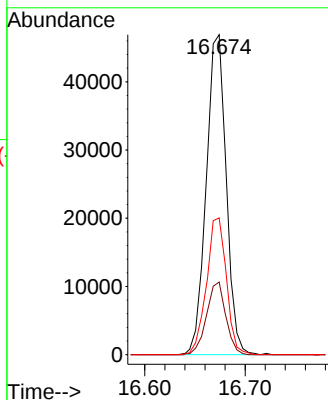
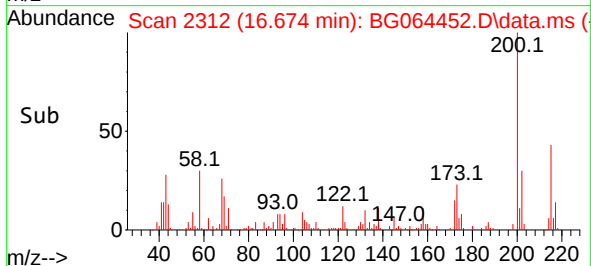
Tgt Ion:200 Resp: 64954
 Ion Ratio Lower Upper
 200 100
 173 22.7 2.9 42.9
 215 42.7 21.1 61.1

Manual Integrations

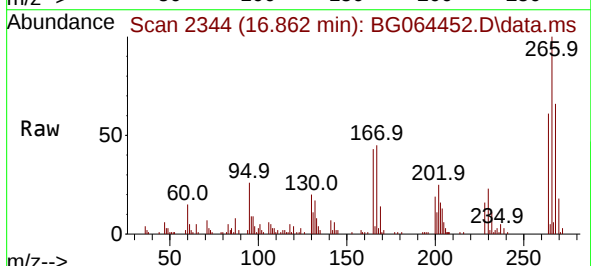
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

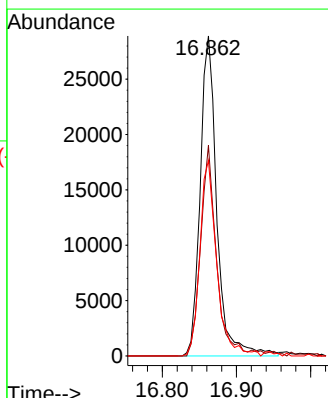
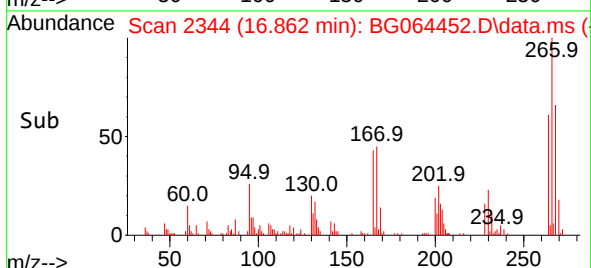
Supervised By :Jagrut Upadhyay 10/03/2025

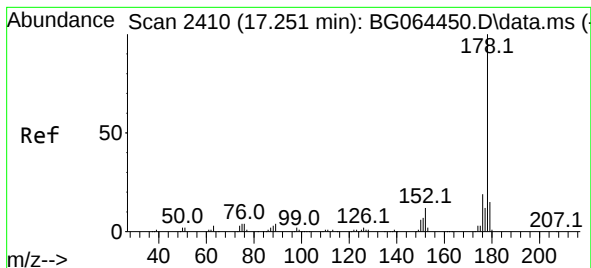


#70
 Pentachlorophenol
 Concen: 44.382 ng
 RT: 16.862 min Scan# 2344
 Delta R.T. -0.001 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49



Tgt Ion:266 Resp: 45088
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.9 77.9
 264 61.1 52.4 78.6





#71

Phenanthrene

Concen: 43.083 ng

RT: 17.250 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BG064452.D

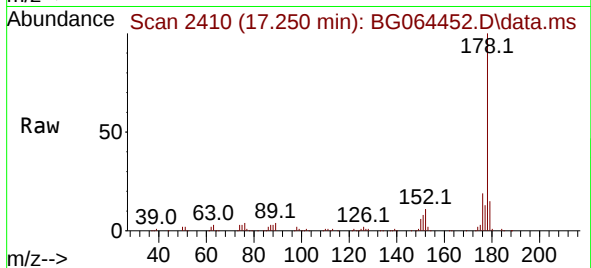
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



Tgt Ion:178 Resp: 28269

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

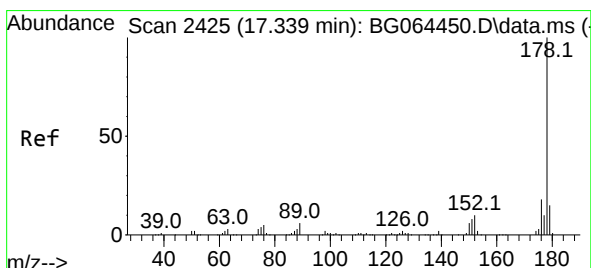
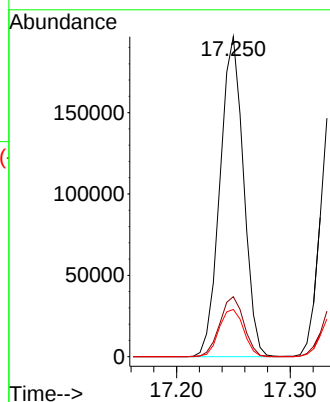
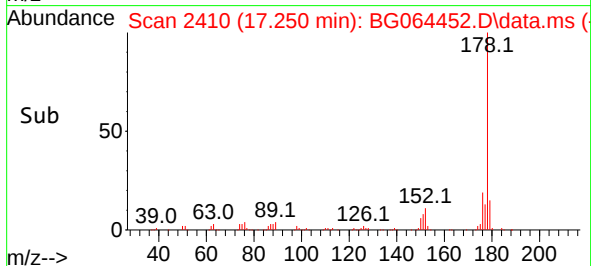
179 14.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#72

Anthracene

Concen: 42.647 ng

RT: 17.338 min Scan# 2425

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

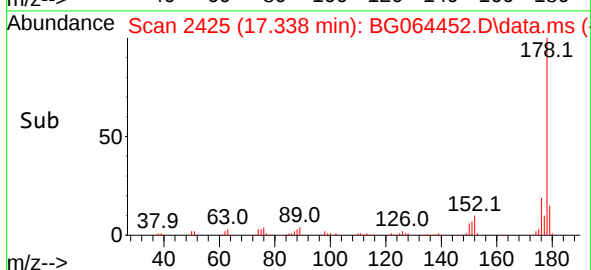
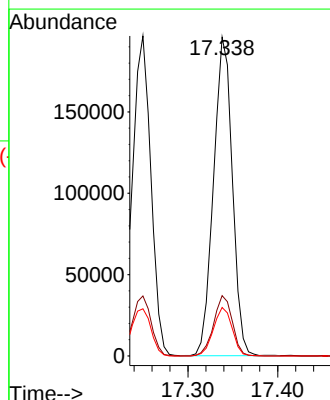
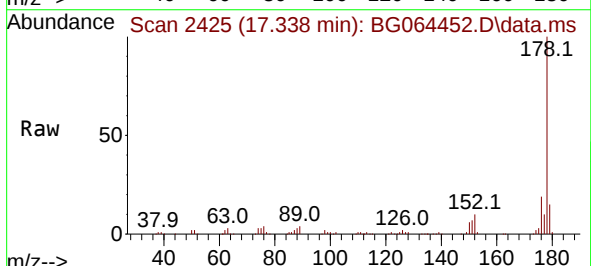
Tgt Ion:178 Resp: 284960

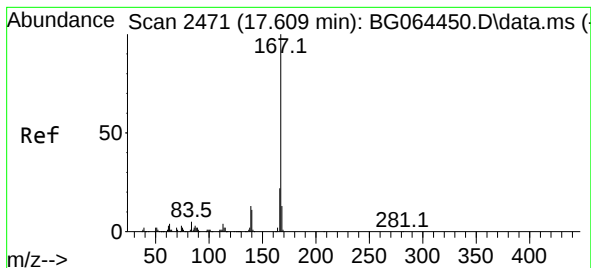
Ion Ratio Lower Upper

178 100

176 18.9 14.5 21.7

179 15.2 11.9 17.9





#73

Carbazole

Concen: 42.881 ng

RT: 17.608 min Scan# 2471

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

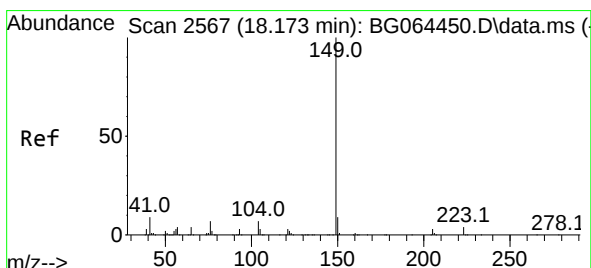
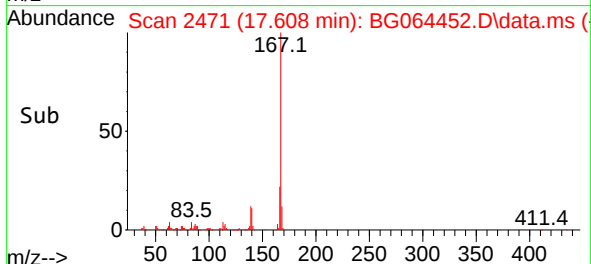
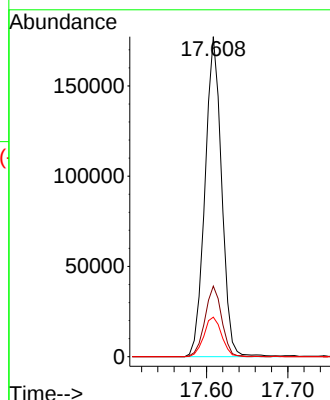
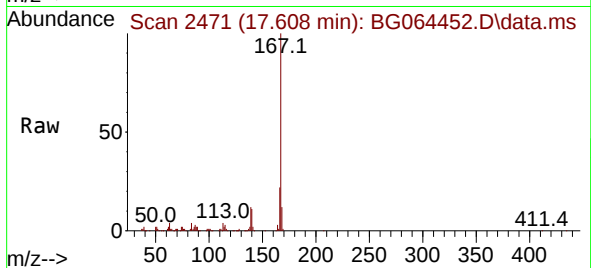
Tgt Ion:	167	Resp:	25136
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.2
139	12.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#74

Di-n-butylphthalate

Concen: 42.899 ng

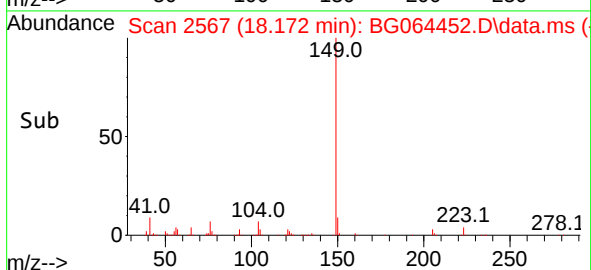
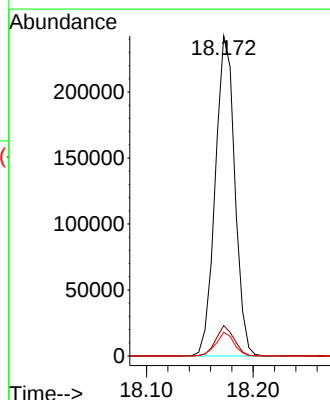
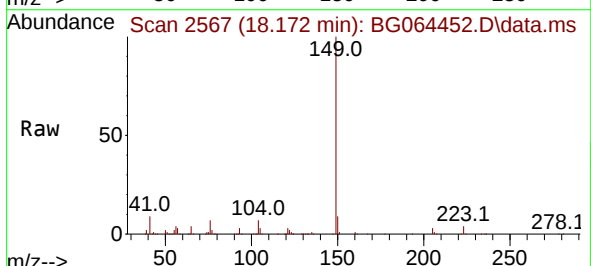
RT: 18.172 min Scan# 2567

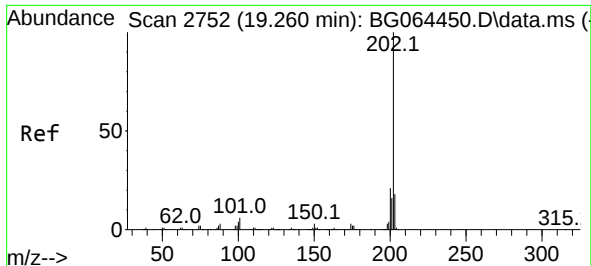
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

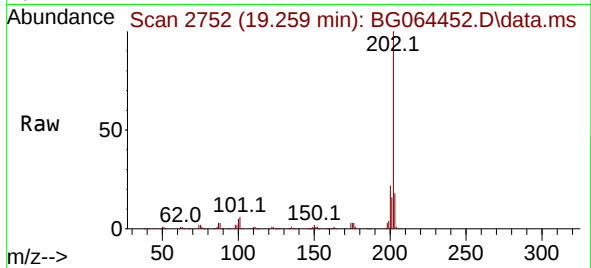
Tgt Ion:	149	Resp:	307603
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.3	10.9
104	7.4	5.8	8.8





#75
Fluoranthene
Concen: 42.804 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

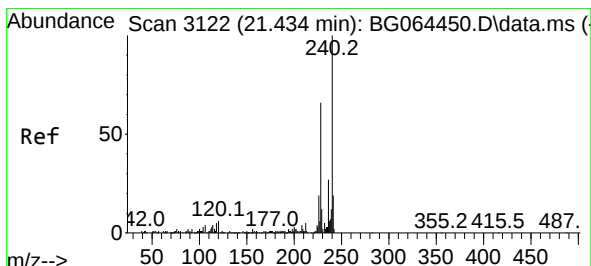
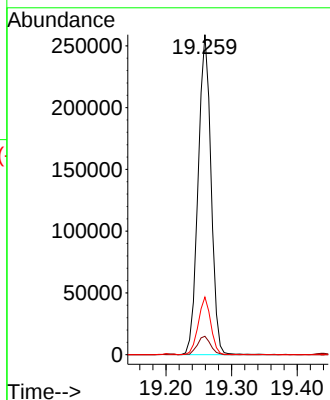
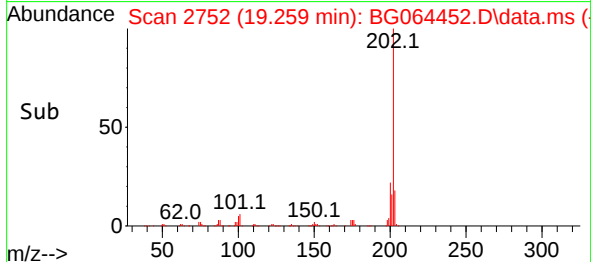
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:202 Resp: 35466
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 18.0 0.0 37.7

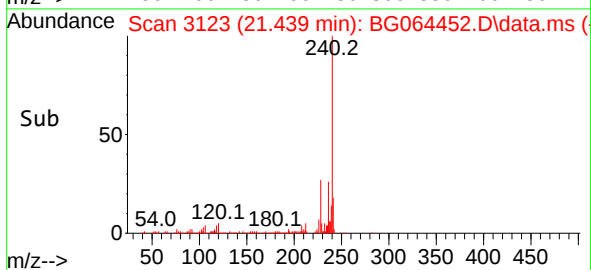
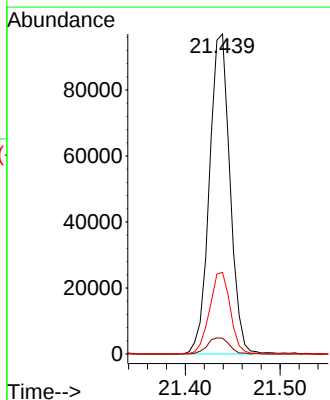
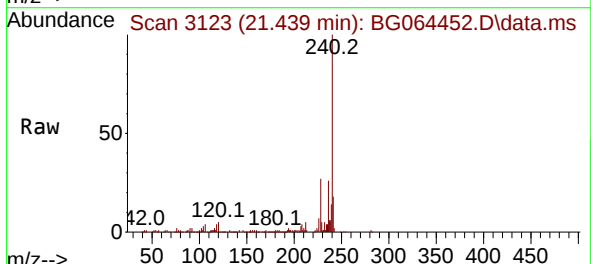
Manual Integrations
APPROVED

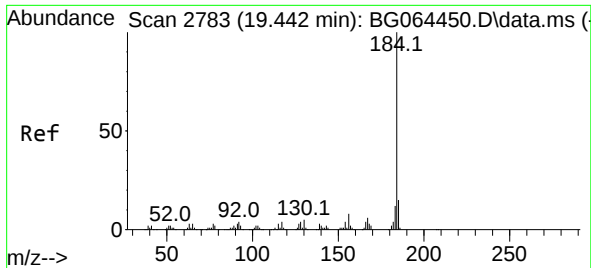
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

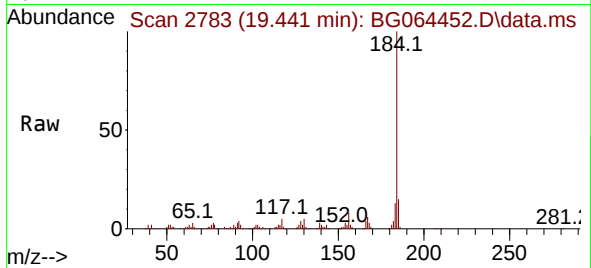
Tgt Ion:240 Resp: 146232
Ion Ratio Lower Upper
240 100
120 5.0 5.0 7.4
236 25.5 21.9 32.9





#77
Benzidine
Concen: 43.960 ng
RT: 19.441 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

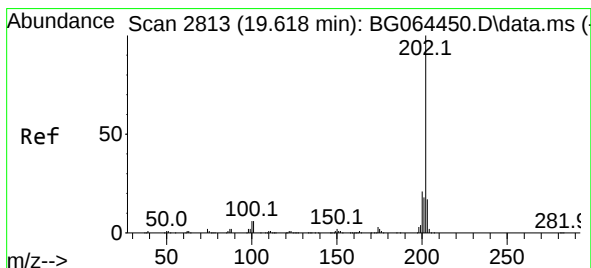
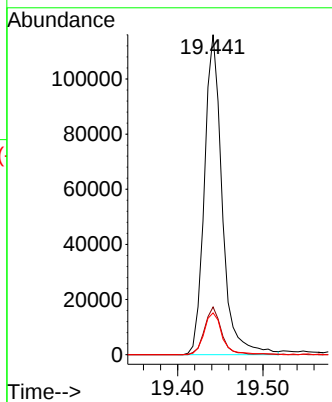
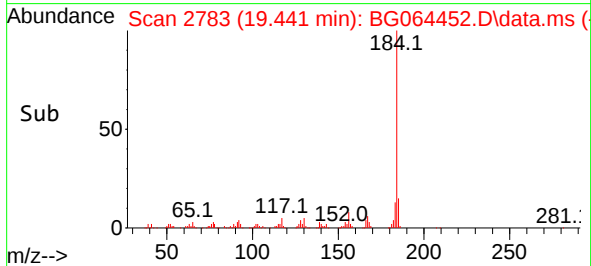
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



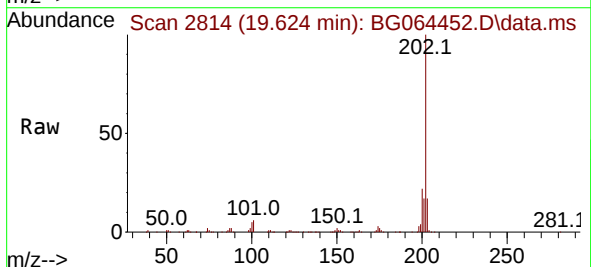
Tgt Ion:184 Resp: 168308
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 13.1 10.0 15.0

Manual Integrations
APPROVED

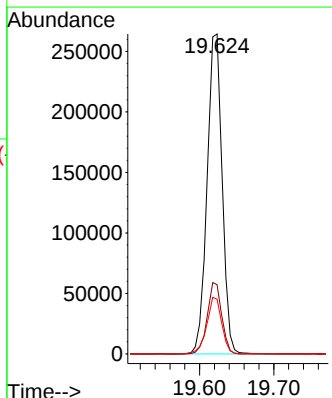
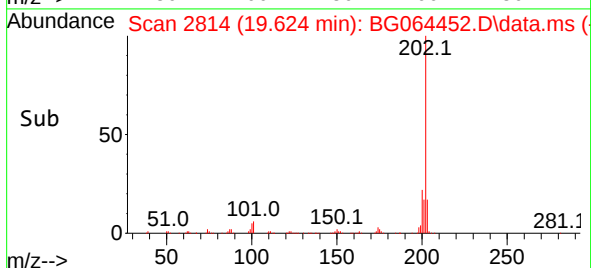
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

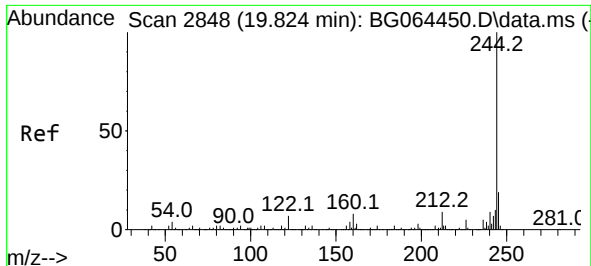


#78
Pyrene
Concen: 41.014 ng
RT: 19.624 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:202 Resp: 372147
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.1 13.8 20.6





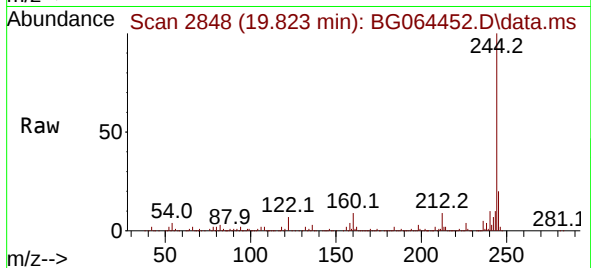
#79
 Terphenyl-d14
 Concen: 82.523 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



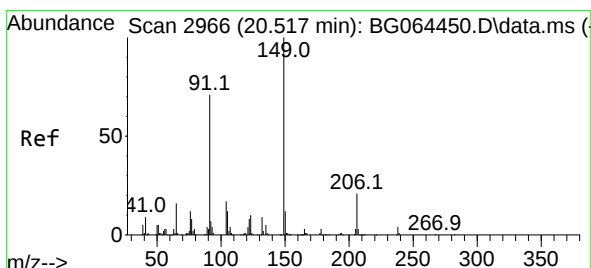
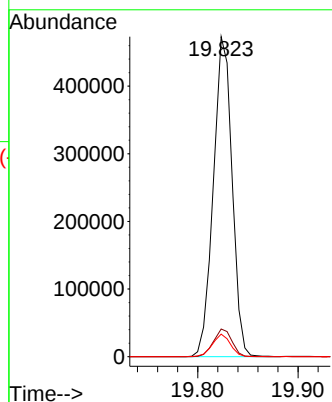
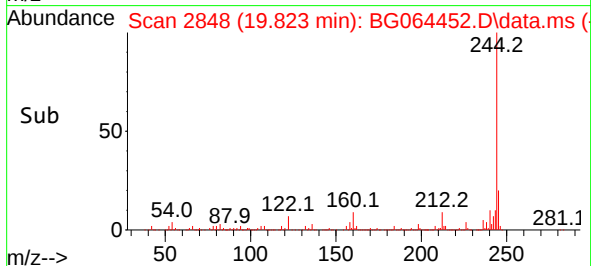
Tgt Ion:244 Resp: 612160
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.2 10.8
 122 7.0 5.7 8.5

Manual Integrations

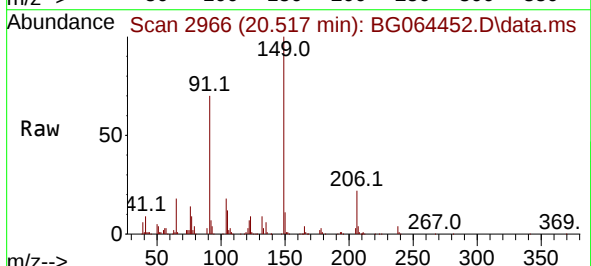
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

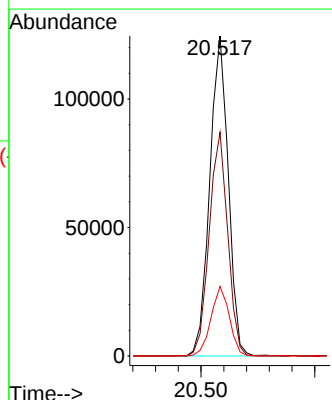
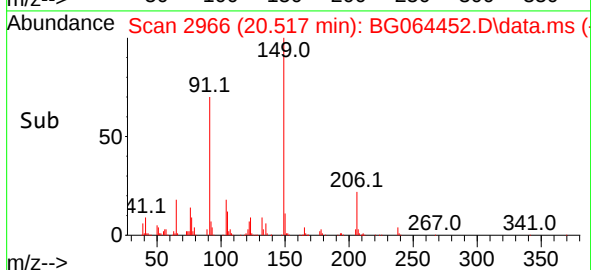
Supervised By :Jagrut Upadhyay 10/03/2025

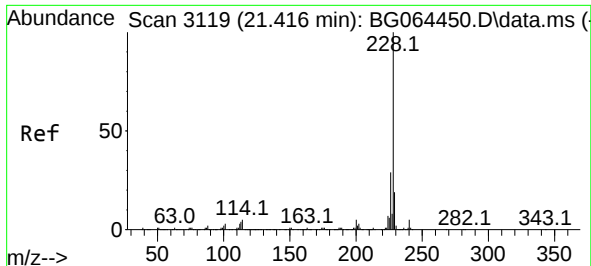


#80
 Butylbenzylphthalate
 Concen: 41.346 ng
 RT: 20.517 min Scan# 2966
 Delta R.T. -0.001 min
 Lab File: BG064452.D
 Acq: 25 Sep 2025 20:49



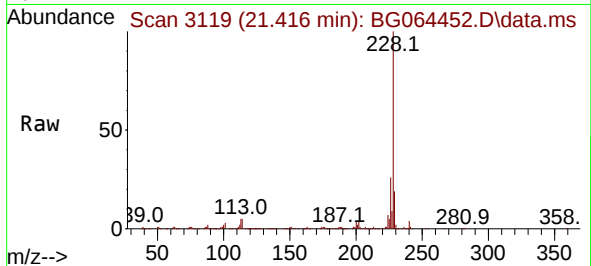
Tgt Ion:149 Resp: 140223
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.6 84.8
 206 21.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.397 ng
RT: 21.416 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

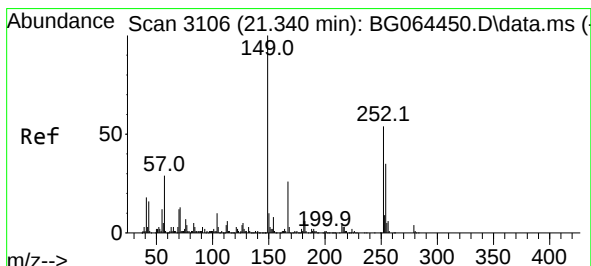
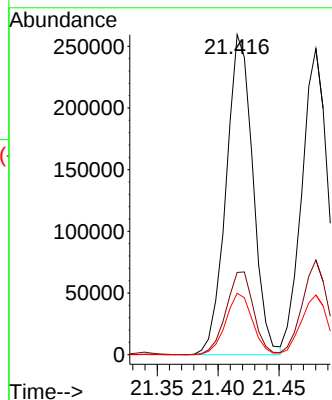
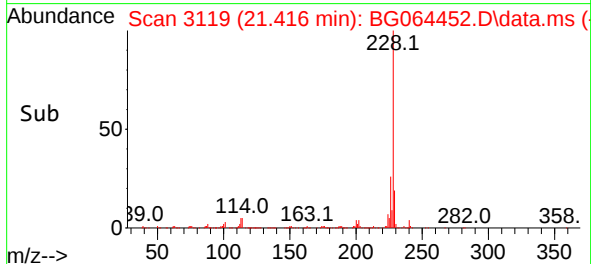
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



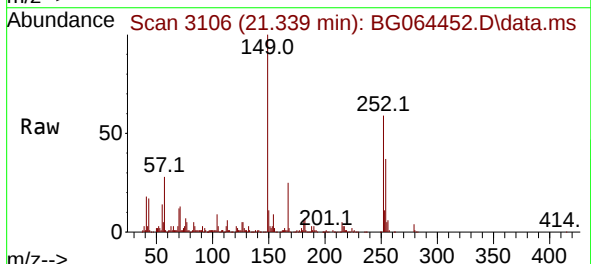
Tgt Ion:228 Resp: 39696
Ion Ratio Lower Upper
228 100
226 25.7 23.0 34.6
229 19.2 15.1 22.7

Manual Integrations
APPROVED

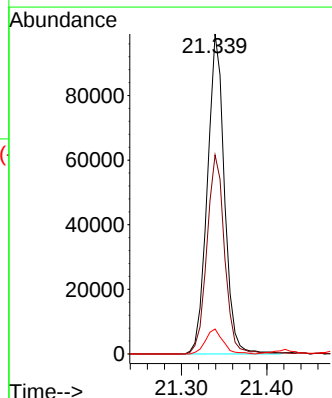
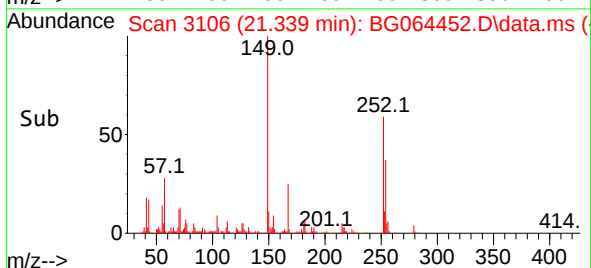
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

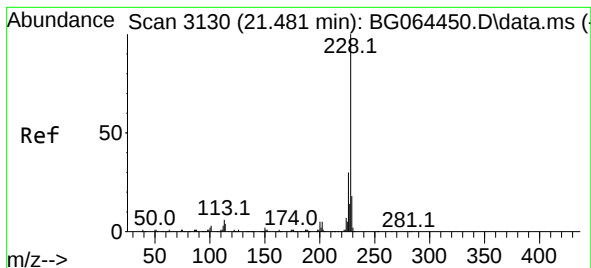


#82
3,3'-Dichlorobenzidine
Concen: 42.798 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:252 Resp: 137811
Ion Ratio Lower Upper
252 100
254 62.2 51.8 77.8
126 7.8 5.9 8.9





#83

Chrysene

Concen: 41.568 ng

RT: 21.480 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

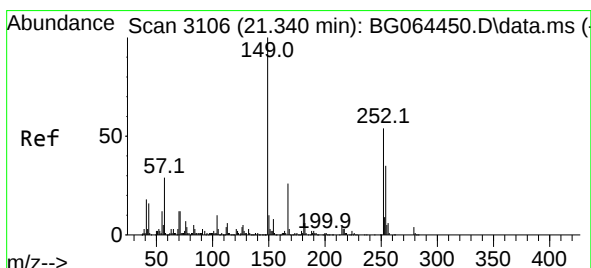
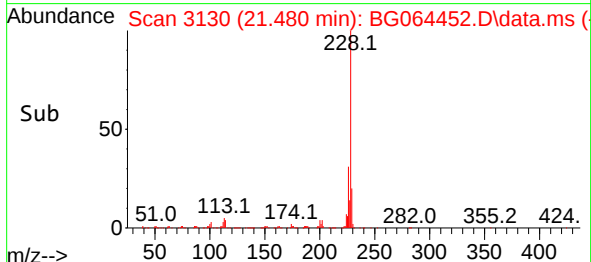
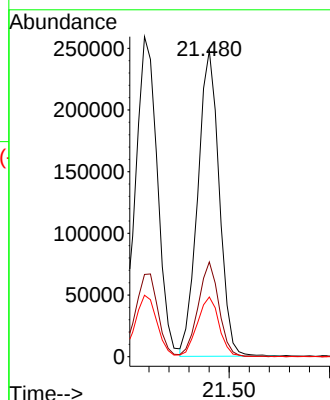
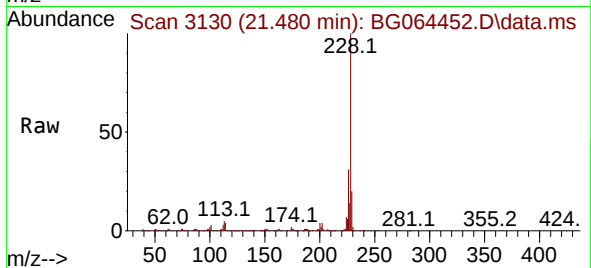
Tgt Ion:228 Resp: 36858
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.4
 229 19.5 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.885 ng

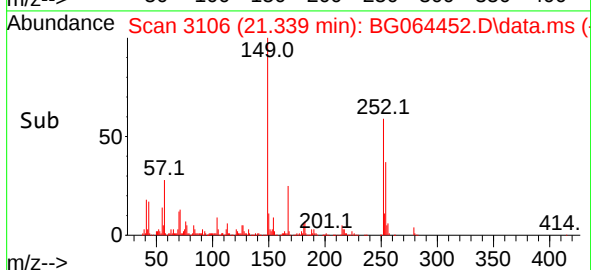
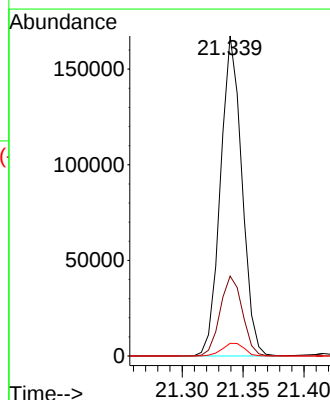
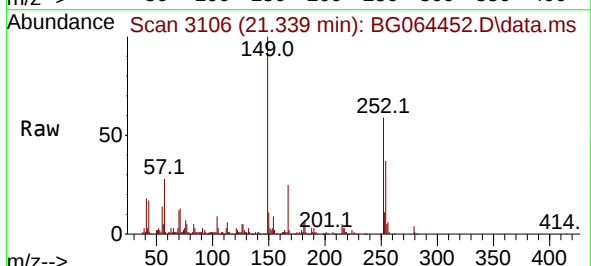
RT: 21.339 min Scan# 3106

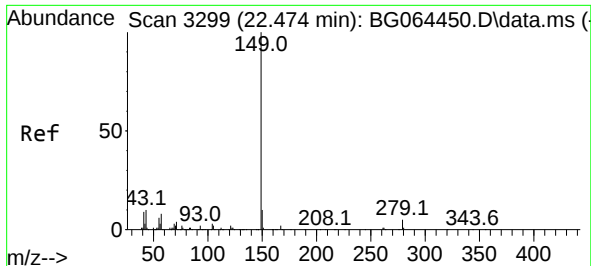
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

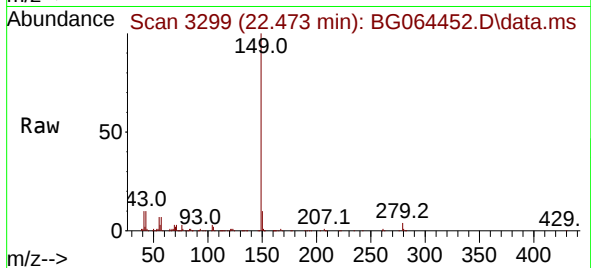
Tgt Ion:149 Resp: 204628
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.6 31.0
 279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.850 ng
RT: 22.473 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

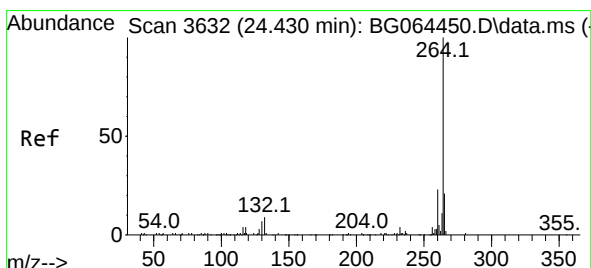
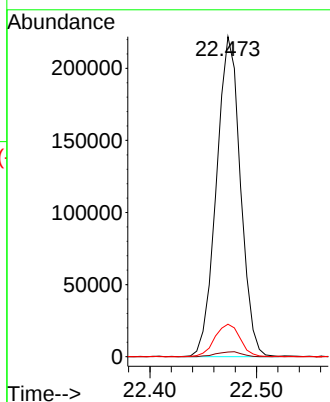
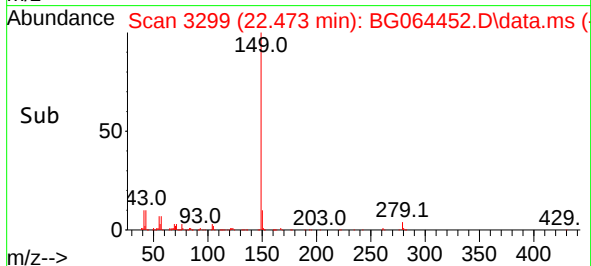
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:149 Resp: 34754
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.8 13.2

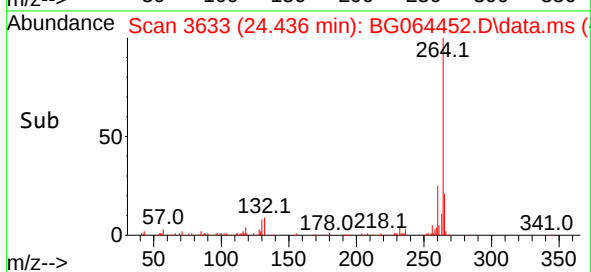
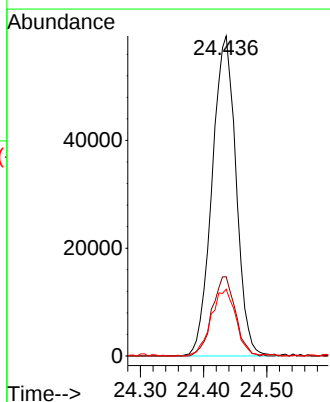
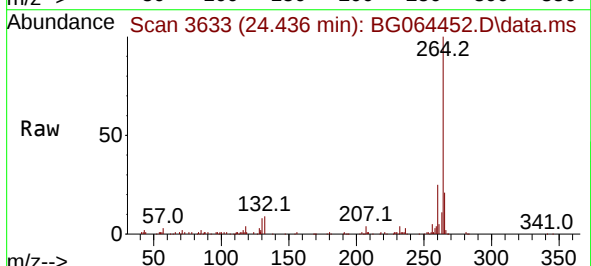
Manual Integrations
APPROVED

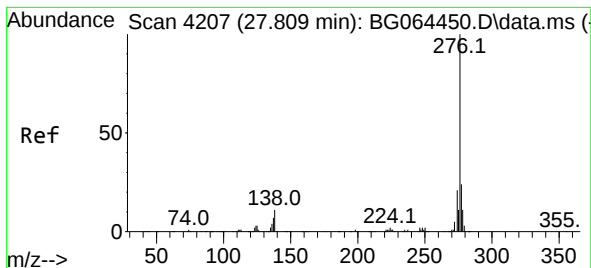
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.436 min Scan# 3633
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:264 Resp: 156297
Ion Ratio Lower Upper
264 100
260 24.8 18.6 27.8
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.249 ng

RT: 27.814 min Scan# 4208

Delta R.T. 0.005 min

Lab File: BG064452.D

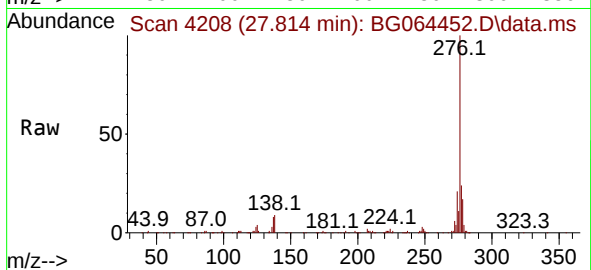
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



Tgt Ion:276 Resp: 466709

Ion Ratio Lower Upper

276 100

138 9.6 10.3 15.5

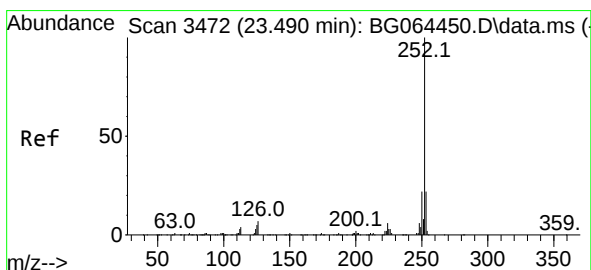
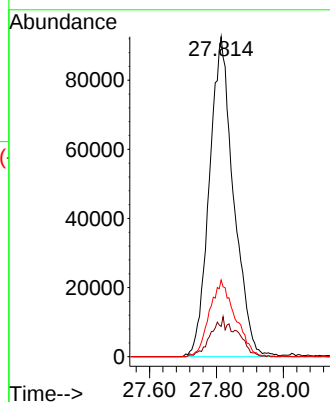
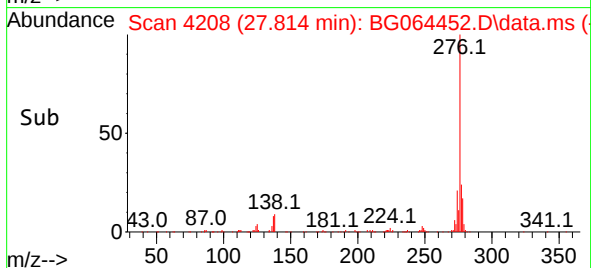
277 25.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 42.662 ng

RT: 23.490 min Scan# 3472

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

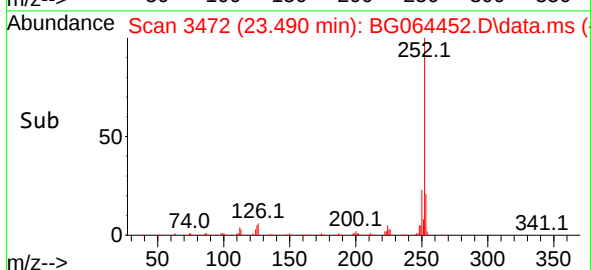
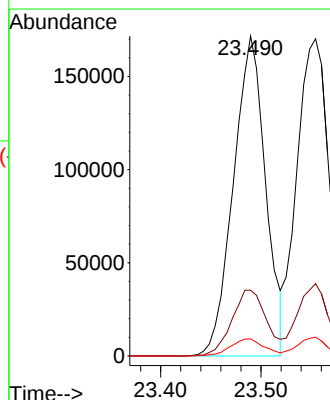
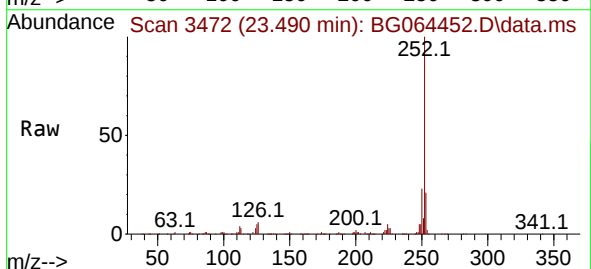
Tgt Ion:252 Resp: 382245

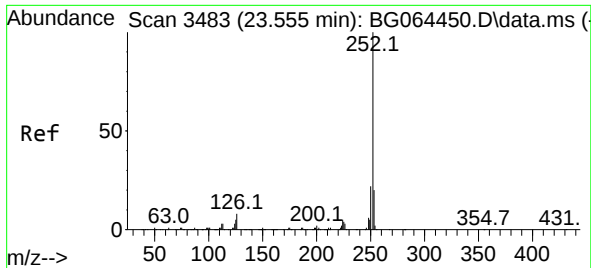
Ion Ratio Lower Upper

252 100

253 20.5 17.3 25.9

125 5.4 4.2 6.2





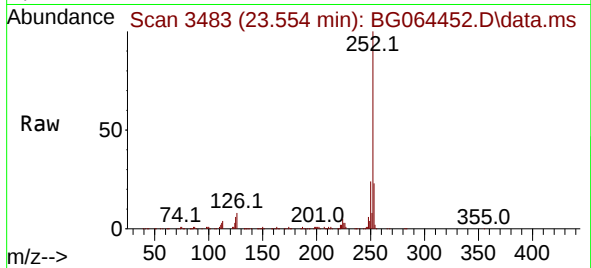
#89
Benzo(k)fluoranthene
Concen: 42.775 ng
RT: 23.554 min Scan# 3483
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

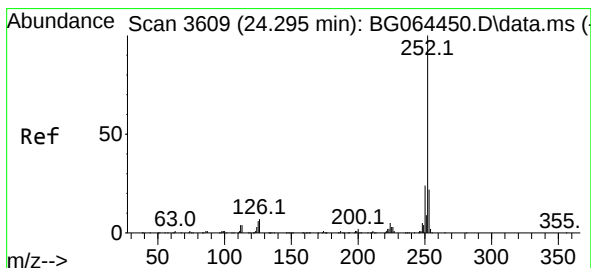
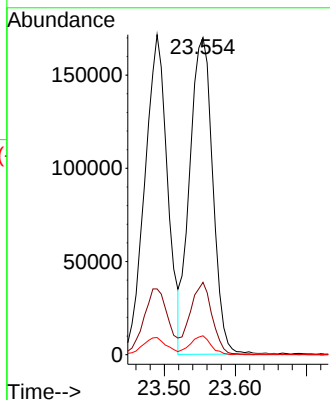
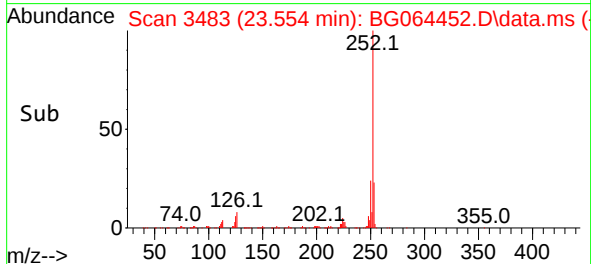


Tgt Ion:252 Resp: 38344
Ion Ratio Lower Upper
252 100
253 22.8 16.6 24.8
125 5.9 4.4 6.6

Manual Integrations

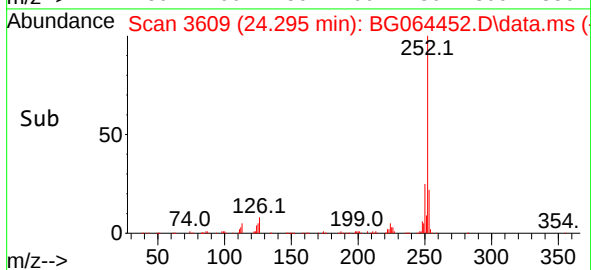
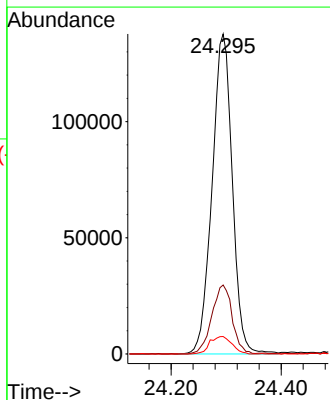
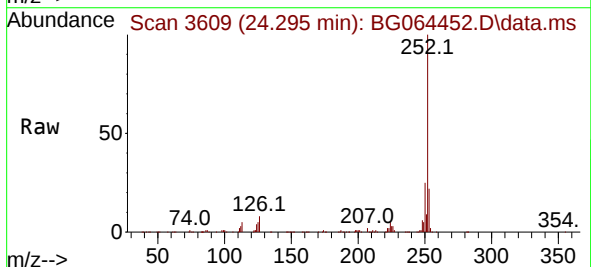
APPROVED

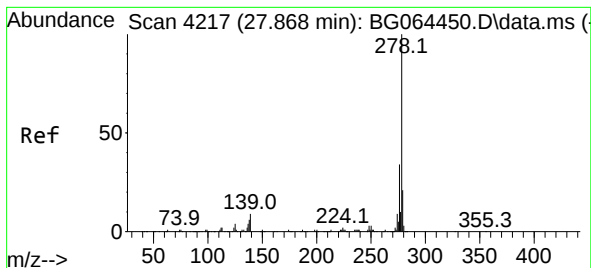
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90
Benzo(a)pyrene
Concen: 42.343 ng
RT: 24.295 min Scan# 3609
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:252 Resp: 351441
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 5.5 4.6 7.0





#91

Dibenzo(a,h)anthracene

Concen: 42.277 ng

RT: 27.861 min Scan# 4216

Delta R.T. -0.007 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:278 Resp: 378600

Ion Ratio Lower Upper

278 100

139 10.0 6.9 10.3

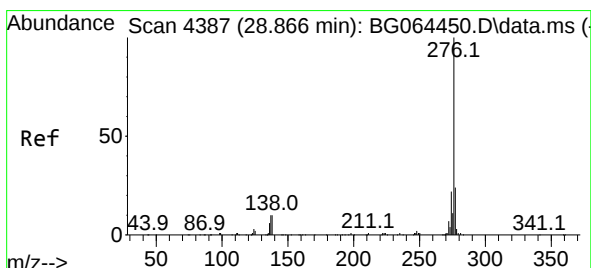
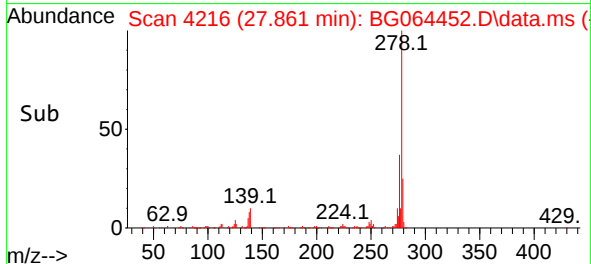
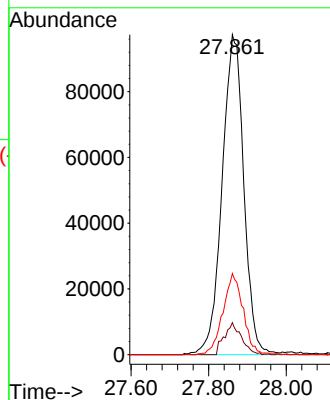
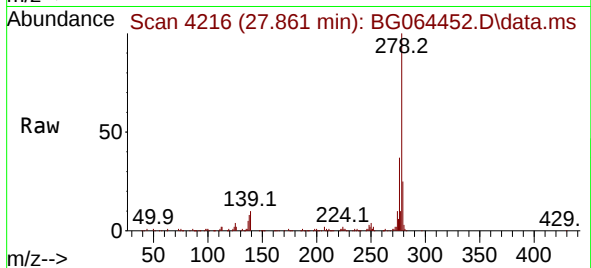
279 25.3 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#92

Benzo(g,h,i)perylene

Concen: 42.161 ng

RT: 28.866 min Scan# 4387

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:276 Resp: 362608

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 11.8 8.2 12.4

