

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064334.D
 Acq On : 10 Sep 2025 16:00
 Operator : RC/JU
 Sample : PB169633BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169633BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 16:39:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	22307	20.000	ng	-0.02
21) Naphthalene-d8	10.632	136	93541	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	67870	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	169153	20.000	ng	#-0.02
76) Chrysene-d12	21.437	240	183481	20.000	ng	-0.02
86) Perylene-d12	24.434	264	195725	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	156916	126.203	ng	0.00
7) Phenol-d6	7.019	99	204082	119.475	ng	-0.01
23) Nitrobenzene-d5	8.999	82	144851	86.362	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	140330	156.101	ng	-0.01
45) 2-Fluorobiphenyl	13.094	172	383071	86.150	ng	-0.02
79) Terphenyl-d14	19.827	244	792538	90.119	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	16483	31.805	ng	92
3) Pyridine	3.735	79	47129	30.894	ng	# 57
4) n-Nitrosodimethylamine	3.652	42	44976	44.573	ng	97
6) Aniline	7.172	93	74630	31.594	ng	96
8) 2-Chlorophenol	7.413	128	67493	44.422	ng	97
9) Benzaldehyde	6.984	77	27167	19.326	ng	94
10) Phenol	7.048	94	78696	41.787	ng	93
11) bis(2-Chloroethyl)ether	7.272	93	50149	35.437	ng	97
12) 1,3-Dichlorobenzene	7.736	146	71185	44.040	ng	99
13) 1,4-Dichlorobenzene	7.883	146	72775	44.612	ng	98
14) 1,2-Dichlorobenzene	8.194	146	69396	44.077	ng	98
15) Benzyl Alcohol	8.082	79	67737	42.971	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.370	45	94629	29.288	ng	98
17) 2-Methylphenol	8.288	107	57077	40.666	ng	94
18) Hexachloroethane	8.923	117	27802	43.661	ng	89
19) n-Nitroso-di-n-propyla...	8.646	70	48815	37.340	ng	97
20) 3+4-Methylphenols	8.611	107	76317	39.132	ng	94
22) Acetophenone	8.658	105	100624	42.520	ng	96
24) Nitrobenzene	9.040	77	76060	43.403	ng	98
25) Isophorone	9.563	82	136630	39.195	ng	99
26) 2-Nitrophenol	9.745	139	36463	48.154	ng	# 81
27) 2,4-Dimethylphenol	9.810	122	65162	49.015	ng	94
28) bis(2-Chloroethoxy)met...	10.045	93	73299	38.997	ng	95
29) 2,4-Dichlorophenol	10.280	162	69665	49.665	ng	95
30) 1,2,4-Trichlorobenzene	10.497	180	76006	51.390	ng	99
31) Naphthalene	10.679	128	206356	42.542	ng	99
32) Benzoic acid	9.968	122	46356	43.927	ng	89
33) 4-Chloroaniline	10.791	127	53552	28.485	ng	95
34) Hexachlorobutadiene	10.973	225	56012	51.233	ng	# 85
35) Caprolactam	11.561	113	22642m	41.687	ng	
36) 4-Chloro-3-methylphenol	11.919	107	82841	45.518	ng	93
37) 2-Methylnaphthalene	12.289	142	143592	39.826	ng	95
38) 1-Methylnaphthalene	12.512	142	150857m	42.361	ng	
40) 1,2,4,5-Tetrachloroben...	12.665	216	94038	48.021	ng	97
41) Hexachlorocyclopentadiene	12.648	237	137531	147.772	ng	93
43) 2,4,6-Trichlorophenol	12.900	196	61629	47.085	ng	96

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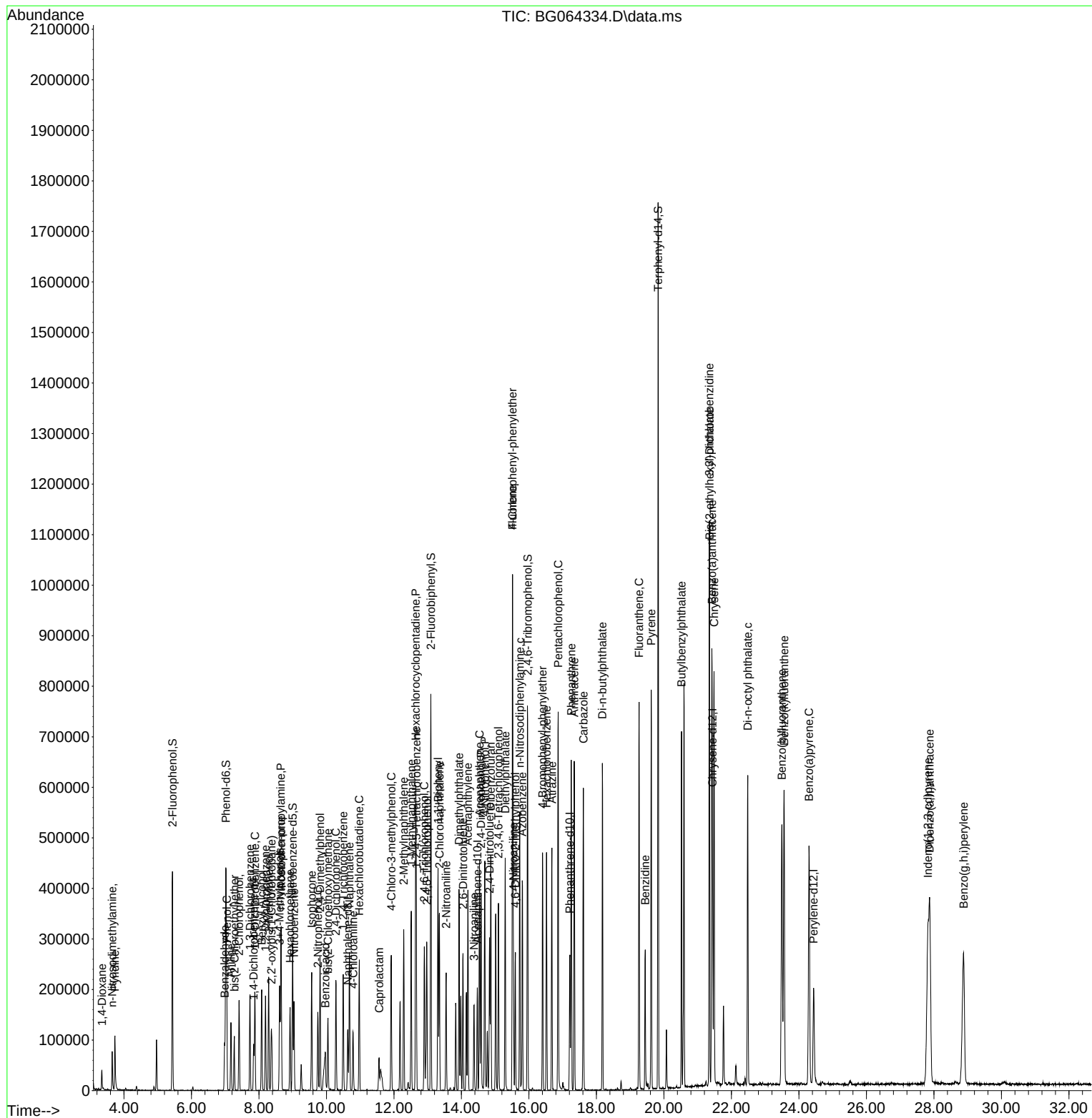
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	72579	51.118	ng	88
46) 1,1'-Biphenyl	13.306	154	219535	44.411	ng	98
47) 2-Chloronaphthalene	13.347	162	162915	43.838	ng	97
48) 2-Nitroaniline	13.547	65	60677	47.903	ng	92
49) Acenaphthylene	14.193	152	274242	49.920	ng	99
50) Dimethylphthalate	13.928	163	232255	45.210	ng	100
51) 2,6-Dinitrotoluene	14.046	165	50199	50.475	ng	98
52) Acenaphthene	14.534	154	159977	41.265	ng	99
53) 3-Nitroaniline	14.375	138	36133	34.685	ng	91
54) 2,4-Dinitrophenol	14.581	184	69754	105.419	ng	# 77
55) Dibenzofuran	14.869	168	275570	45.190	ng	100
56) 4-Nitrophenol	14.692	139	81299	95.136	ng	# 83
57) 2,4-Dinitrotoluene	14.833	165	76524	50.889	ng	# 98
58) Fluorene	15.515	166	230302	46.078	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.098	232	72250	52.907	ng	# 97
60) Diethylphthalate	15.297	149	248078	45.122	ng	97
61) 4-Chlorophenyl-phenyle...	15.515	204	118865	47.699	ng	99
62) 4-Nitroaniline	15.538	138	52347	49.243	ng	87
63) Azobenzene	15.803	77	210430	42.943	ng	96
65) 4,6-Dinitro-2-methylph...	15.597	198	51720	53.256	ng	95
66) n-Nitrosodiphenylamine	15.726	169	202200	43.454	ng	99
67) 4-Bromophenyl-phenylether	16.402	248	83823	46.656	ng	97
68) Hexachlorobenzene	16.520	284	95002	47.617	ng	89
69) Atrazine	16.678	200	93479	48.112	ng	95
70) Pentachlorophenol	16.866	266	129500	107.049	ng	94
71) Phenanthrene	17.254	178	395920	44.377	ng	98
72) Anthracene	17.342	178	405018	44.629	ng	99
73) Carbazole	17.612	167	360784	45.128	ng	98
74) Di-n-butylphthalate	18.176	149	442645	46.085	ng	98
75) Fluoranthene	19.263	202	490375	46.746	ng	97
77) Benzidine	19.446	184	154657	40.069	ng	98
78) Pyrene	19.622	202	506648	43.829	ng	100
80) Butylbenzylphthalate	20.521	149	199979	45.867	ng	91
81) Benzo(a)anthracene	21.420	228	529773	45.132	ng	100
82) 3,3'-Dichlorobenzidine	21.343	252	128182	33.530	ng	# 95
83) Chrysene	21.484	228	496668	44.073	ng	98
84) Bis(2-ethylhexyl)phtha...	21.349	149	280471	42.847	ng	97
85) Di-n-octyl phthalate	22.483	149	491571	43.099	ng	97
87) Indeno(1,2,3-cd)pyrene	27.824	276	633706	47.411	ng	100
88) Benzo(b)fluoranthene	23.494	252	516568	46.763	ng	99
89) Benzo(k)fluoranthene	23.558	252	529668	47.065	ng	# 95
90) Benzo(a)pyrene	24.299	252	506044	49.247	ng	# 97
91) Dibenzo(a,h)anthracene	27.871	278	520478	48.498	ng	97
92) Benzo(g,h,i)perylene	28.876	276	510039	48.841	ng	# 95

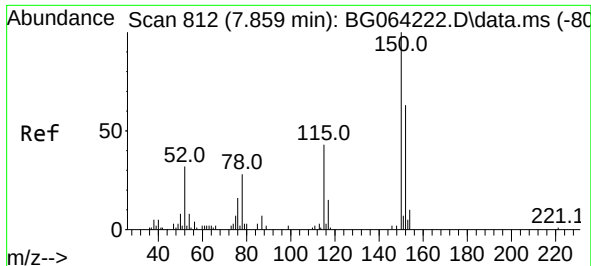
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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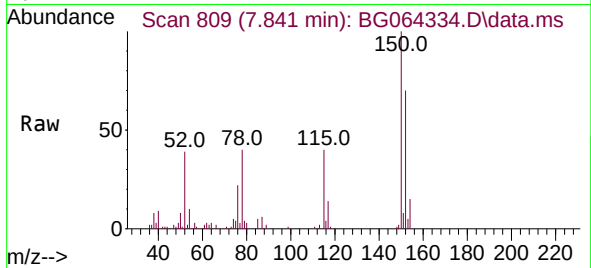
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.841 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

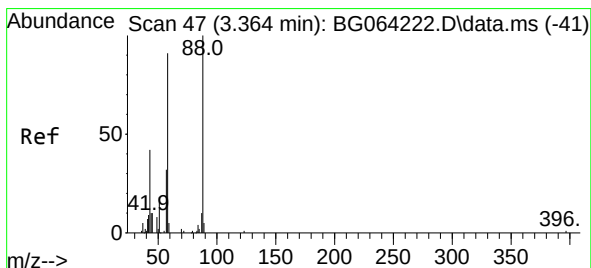
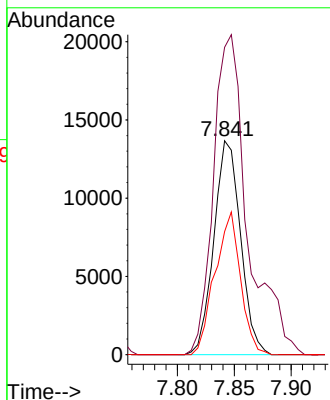
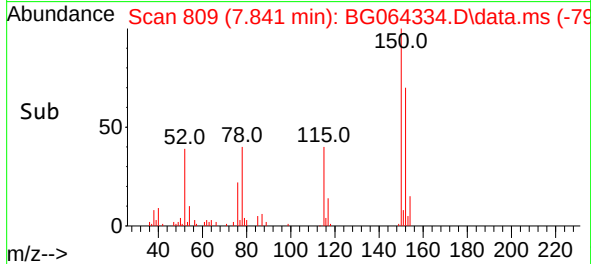
Instrument :
 BNA_G
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 PB169633BS



Tgt Ion:152 Resp: 2230
 Ion Ratio Lower Upper
 152 100
 150 143.7 128.0 192.0
 115 57.5 55.7 83.5

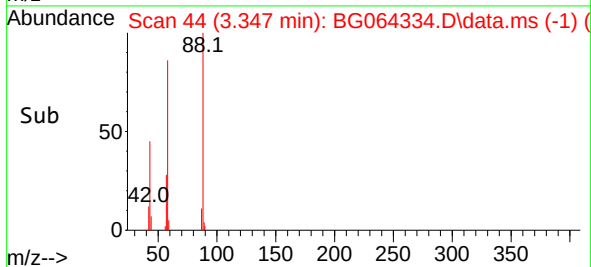
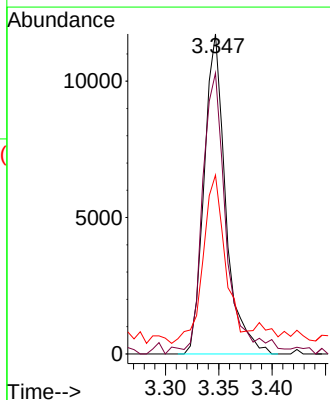
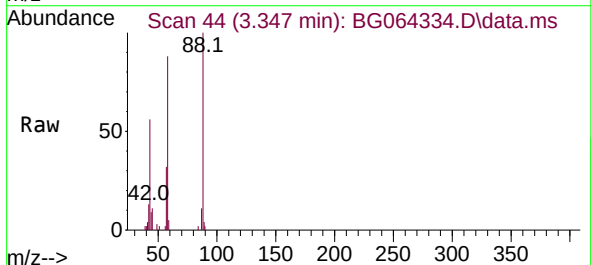
Manual Integrations
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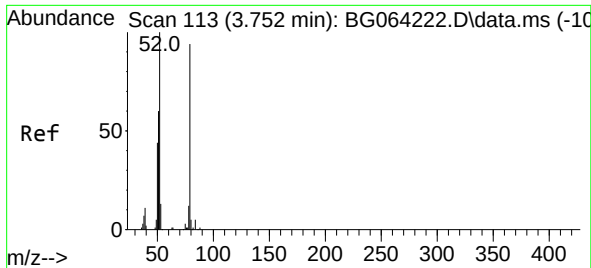
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#2
 1,4-Dioxane
 Concen: 31.805 ng
 RT: 3.347 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

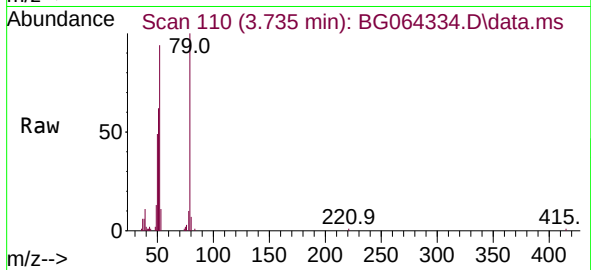
Tgt Ion: 88 Resp: 16483
 Ion Ratio Lower Upper
 88 100
 58 91.7 80.8 121.2
 43 54.6 40.3 60.5





#3
Pyridine
Concen: 30.894 ng
RT: 3.735 min Scan# 113
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

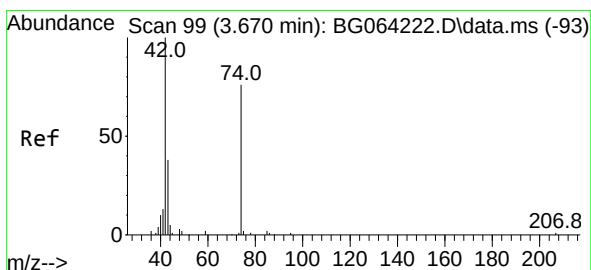
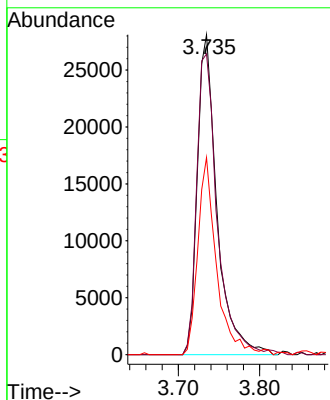
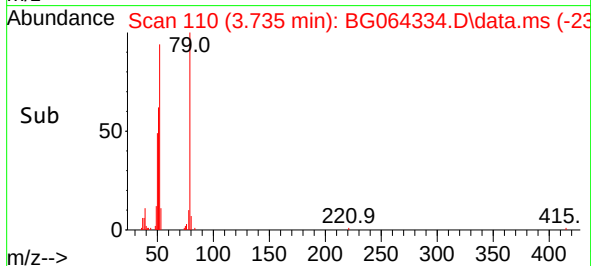
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion: 79 Resp: 47129
Ion Ratio Lower Upper
79 100
52 94.0 86.6 129.8
51 61.6 114.1 171.1

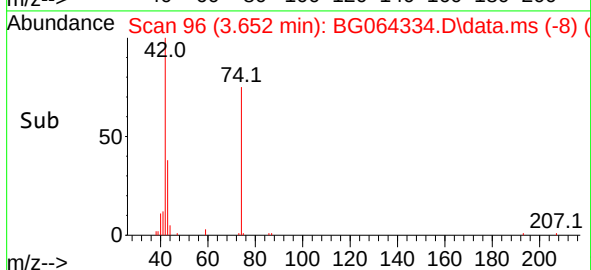
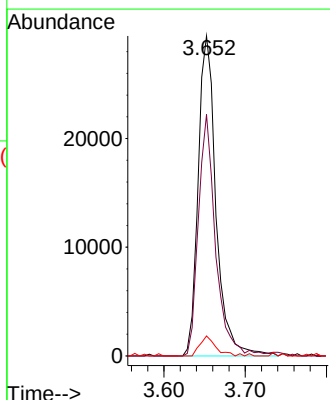
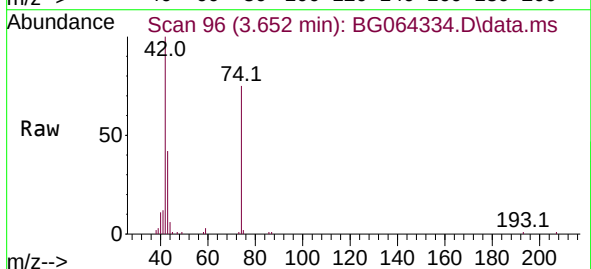
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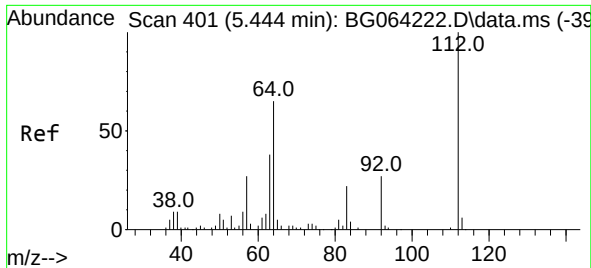
Reviewed By :Rahul Chavli 09/11/2025
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#4
n-Nitrosodimethylamine
Concen: 44.573 ng
RT: 3.652 min Scan# 96
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion: 42 Resp: 44976
Ion Ratio Lower Upper
42 100
74 75.4 58.0 87.0
44 6.2 5.5 8.3





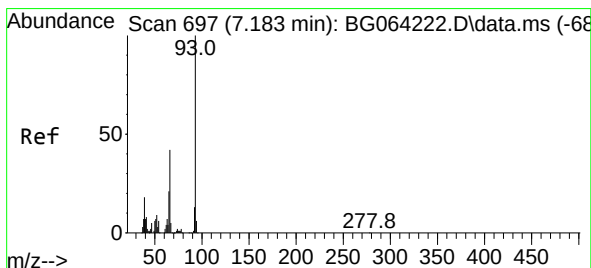
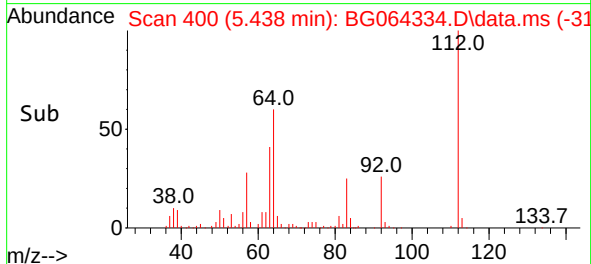
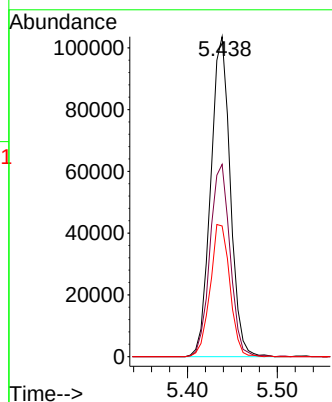
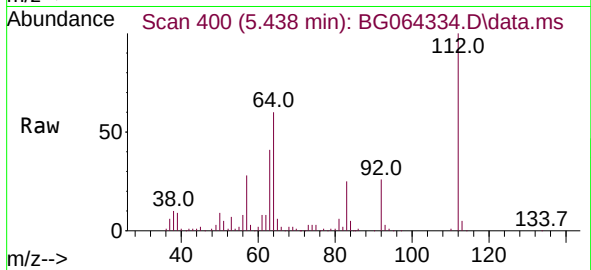
#5
2-Fluorophenol
Concen: 126.203 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :
BNA_G
ClientSampleId :
PB169633BS

Tgt Ion:112 Resp: 156916
Ion Ratio Lower Upper
112 100
64 60.1 51.8 77.6
63 40.8 30.6 45.8

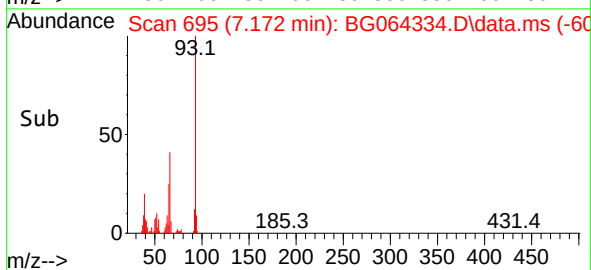
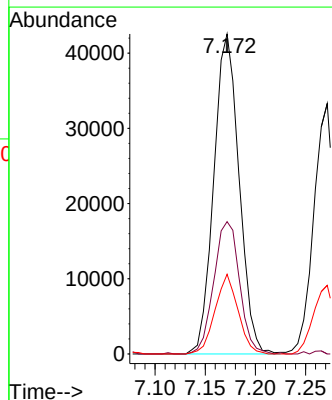
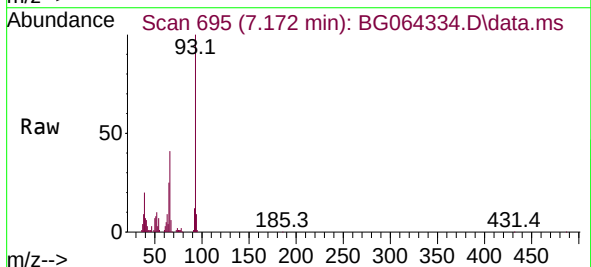
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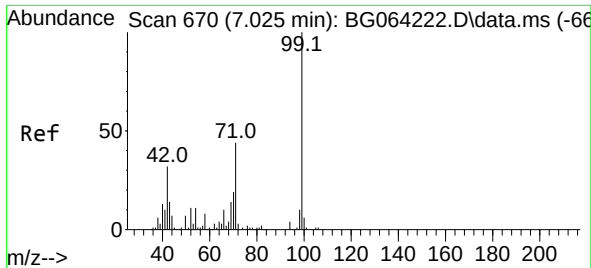
Reviewed By :Rahul Chavli 09/11/2025
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#6
Aniline
Concen: 31.594 ng
RT: 7.172 min Scan# 695
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion: 93 Resp: 74630
Ion Ratio Lower Upper
93 100
66 41.3 33.8 50.8
65 24.9 16.9 25.3





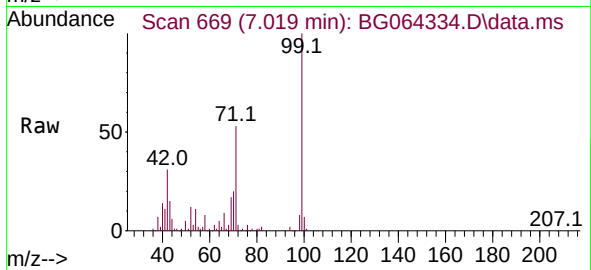
#7
Phenol-d6
Concen: 119.475 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS



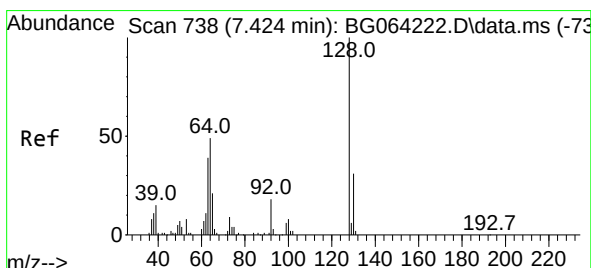
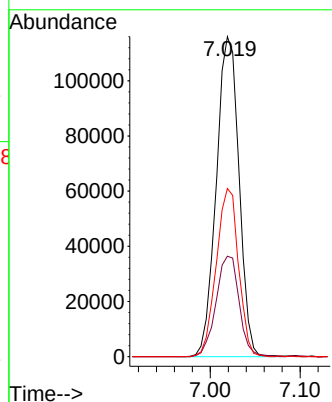
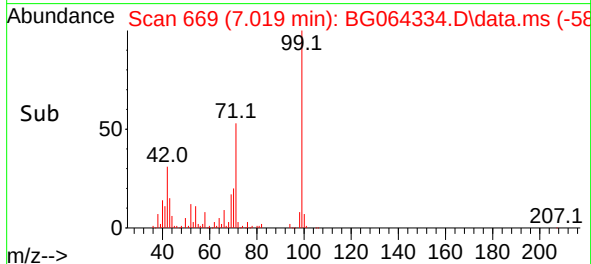
Tgt Ion: 99 Resp: 204082
Ion Ratio Lower Upper
99 100
42 31.4 25.8 38.8
71 52.5 35.2 52.8

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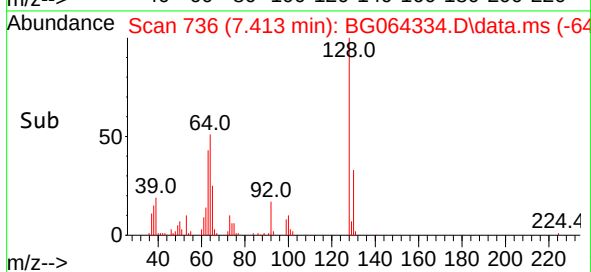
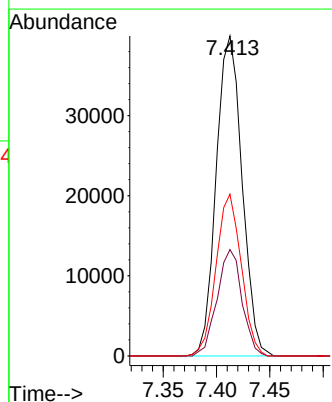
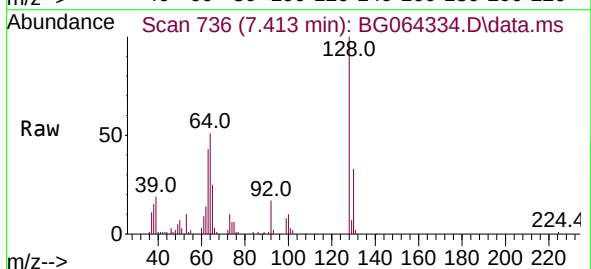
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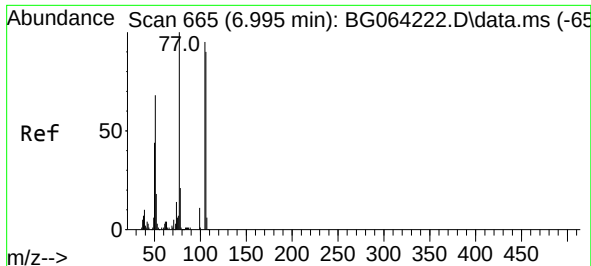
Supervised By :Jagrut Upadhyay 09/11/2025



#8
2-Chlorophenol
Concen: 44.422 ng
RT: 7.413 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

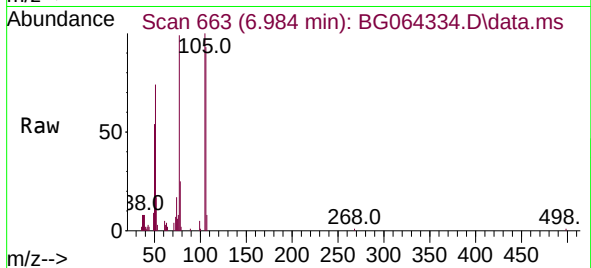
Tgt Ion:128 Resp: 67493
Ion Ratio Lower Upper
128 100
130 33.2 10.9 50.9
64 50.6 28.7 68.7





#9
Benzaldehyde
Concen: 19.326 ng
RT: 6.984 min Scan# 663
Delta R.T. -0.011 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

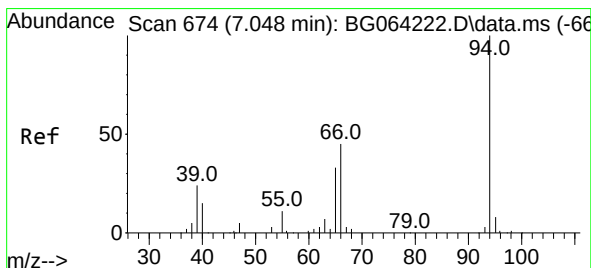
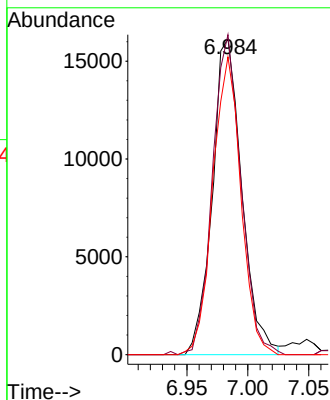
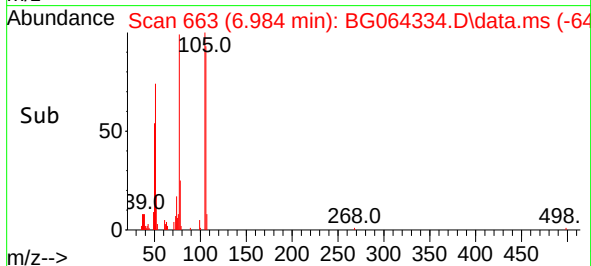
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion: 77 Resp: 2716
Ion Ratio Lower Upper
77 100
105 101.4 75.2 115.2
106 94.3 69.6 109.6

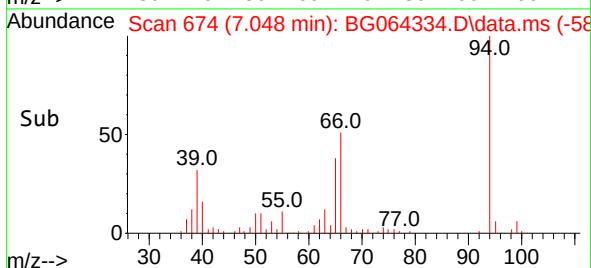
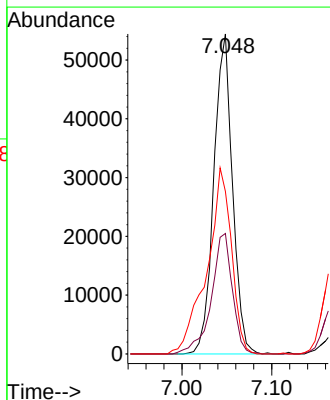
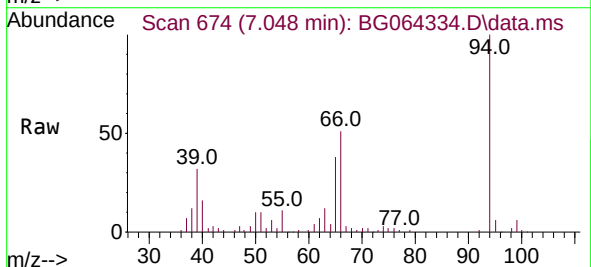
Manual Integrations
APPROVED

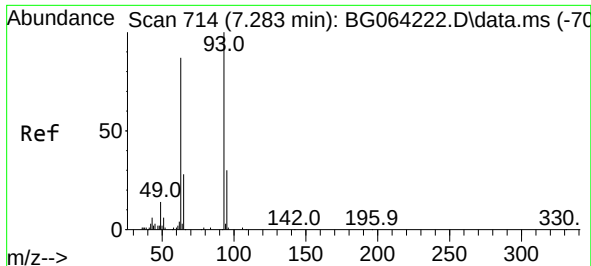
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 41.787 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

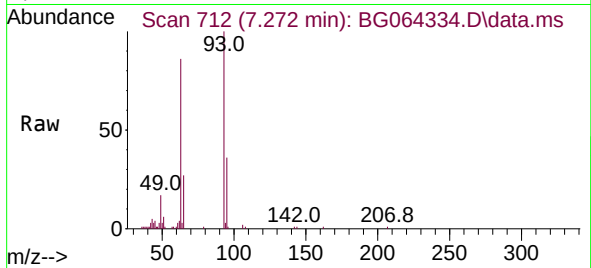
Tgt Ion: 94 Resp: 78696
Ion Ratio Lower Upper
94 100
65 37.6 13.5 53.5
66 50.8 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 35.437 ng
RT: 7.272 min Scan# 714
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

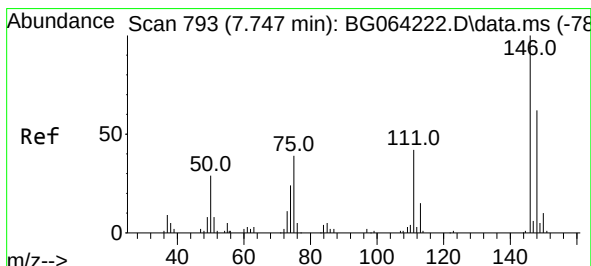
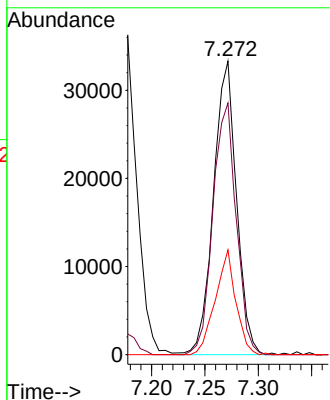
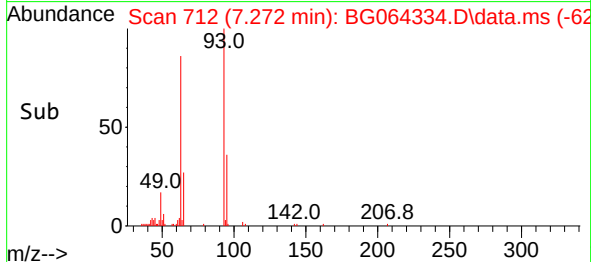
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion: 93 Resp: 50149
Ion Ratio Lower Upper
93 100
63 85.8 66.2 106.2
95 35.7 9.8 49.8

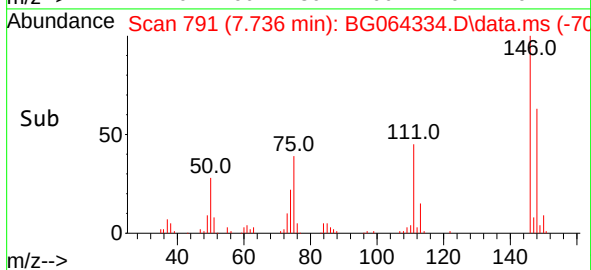
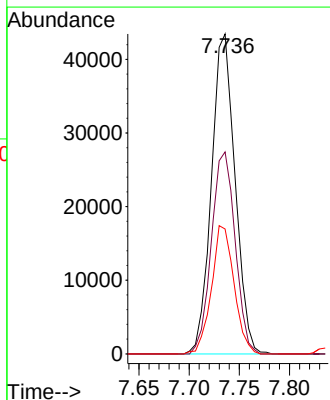
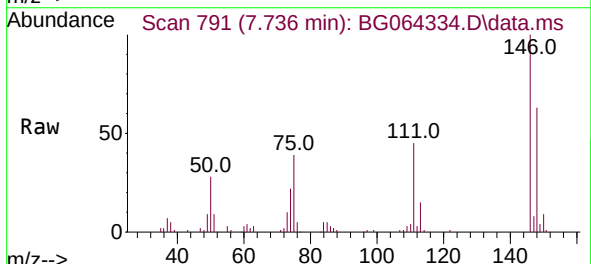
Manual Integrations
APPROVED

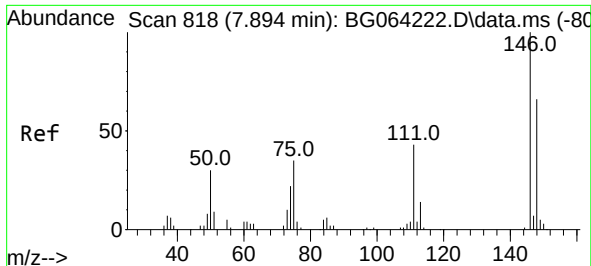
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#12
1,3-Dichlorobenzene
Concen: 44.040 ng
RT: 7.736 min Scan# 791
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

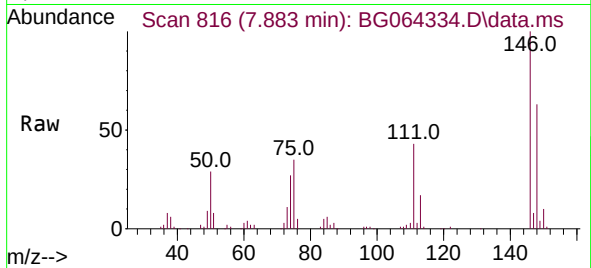
Tgt Ion:146 Resp: 71185
Ion Ratio Lower Upper
146 100
148 63.1 49.6 74.4
75 39.0 31.0 46.6





#13
1,4-Dichlorobenzene
Concen: 44.612 ng
RT: 7.883 min Scan# 811
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

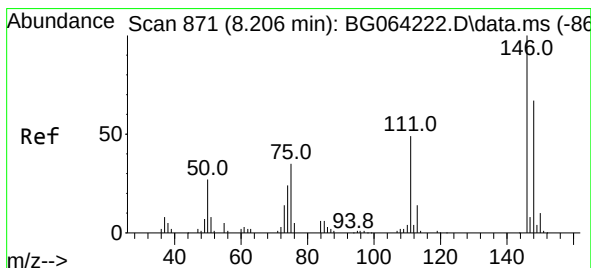
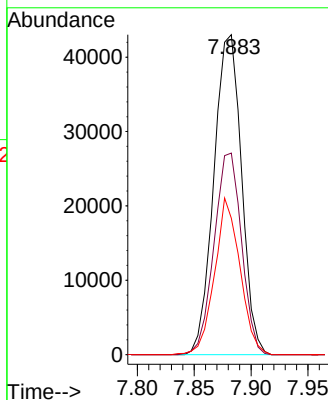
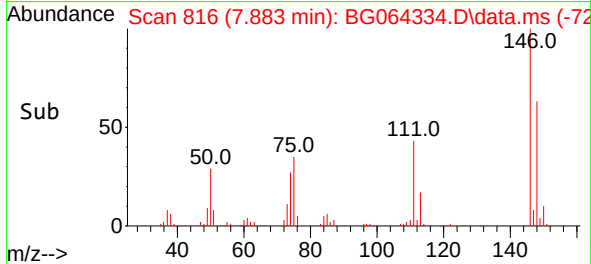
Instrument :
BNA_G
ClientSampleId :
PB169633BS



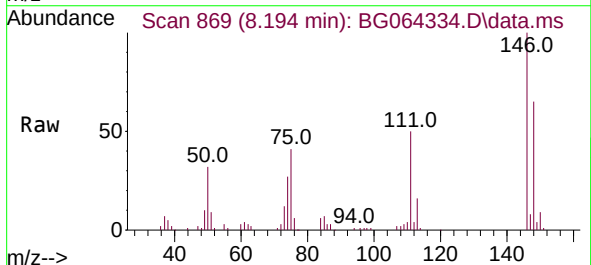
Tgt Ion:146 Resp: 72775
Ion Ratio Lower Upper
146 100
148 63.0 52.8 79.2
111 42.6 34.1 51.1

Manual Integrations
APPROVED

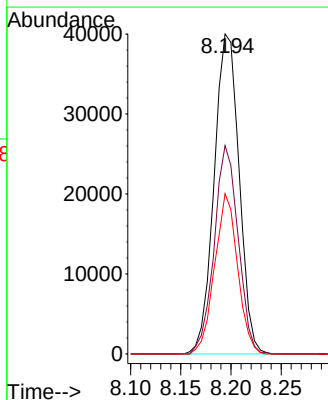
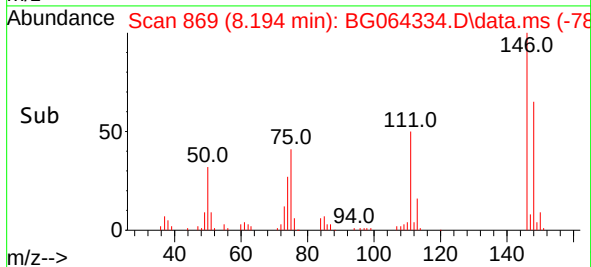
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

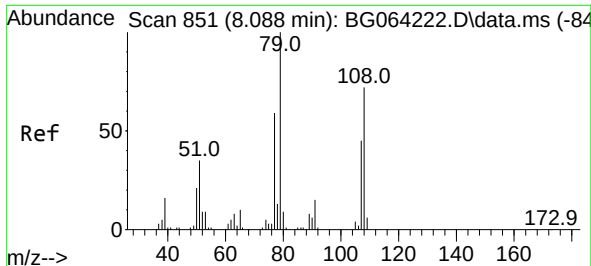


#14
1,2-Dichlorobenzene
Concen: 44.077 ng
RT: 8.194 min Scan# 869
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:146 Resp: 69396
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
111 50.1 39.1 58.7





#15
Benzyl Alcohol
Concen: 42.971 ng
RT: 8.082 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

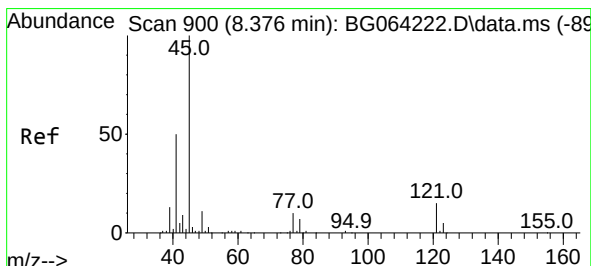
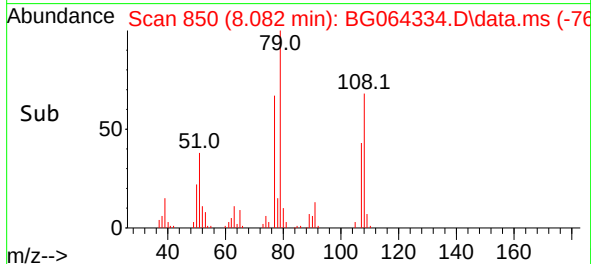
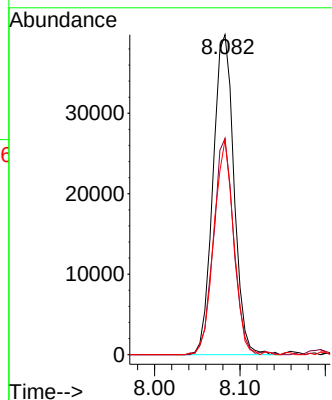
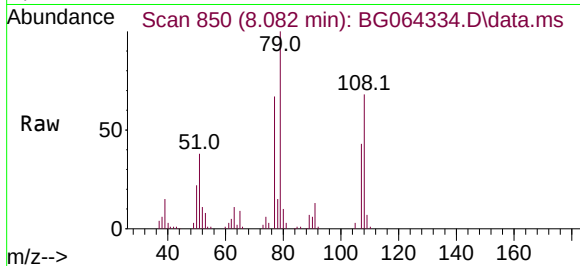
ClientSampleId :

PB169633BS

Tgt Ion: 79 Resp: 6773
Ion Ratio Lower Upper
79 100
108 67.5 57.4 86.0
77 67.1 47.2 70.8

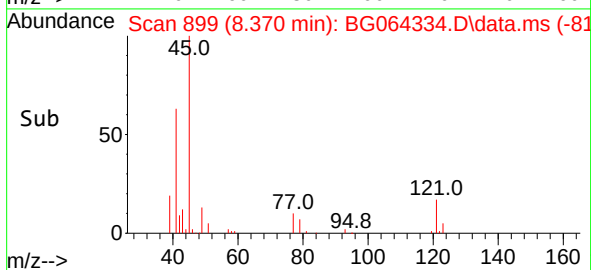
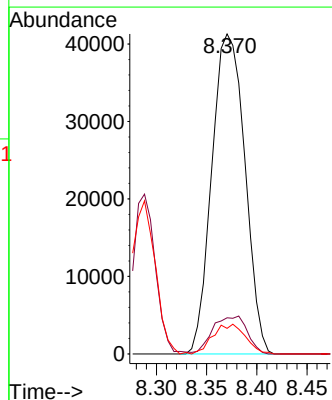
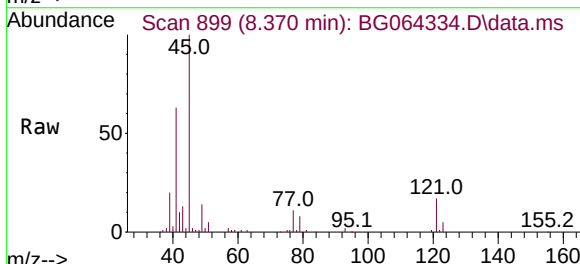
Manual Integrations
APPROVED

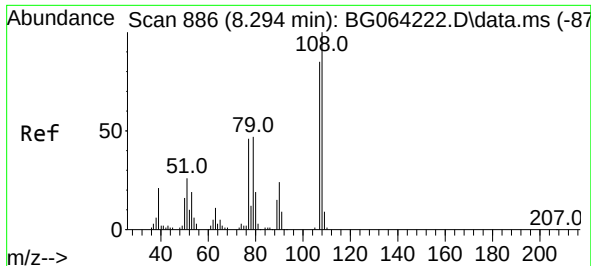
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.288 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

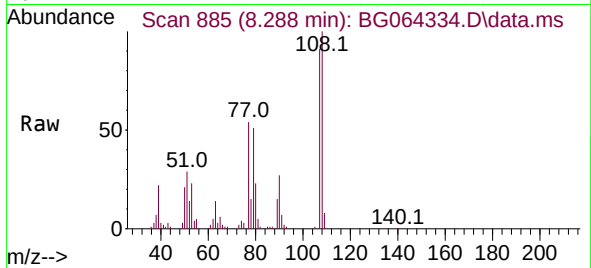
Tgt Ion: 45 Resp: 94629
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.0
79 8.0 0.0 27.9





#17
2-Methylphenol
Concen: 40.666 ng
RT: 8.288 min Scan# 886
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

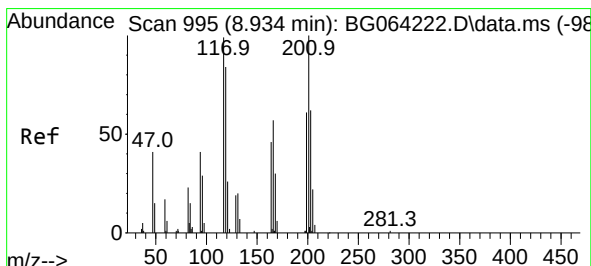
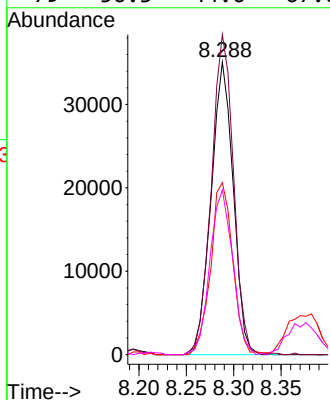
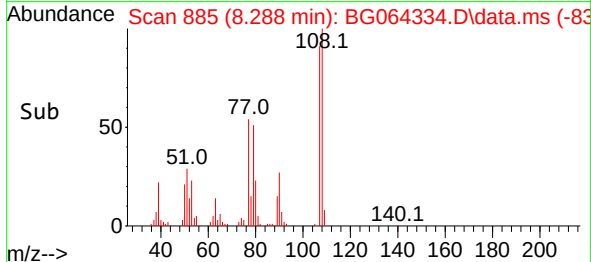
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.4	94.6	141.8
77	58.7	43.7	65.5
79	56.3	44.6	67.0

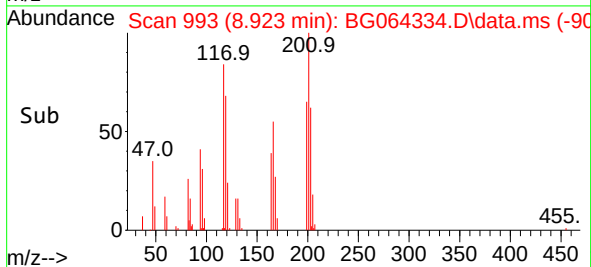
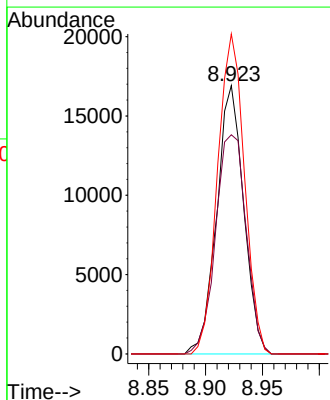
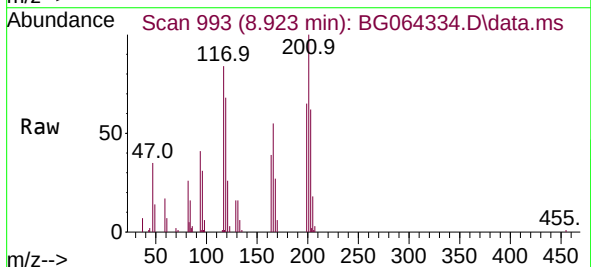
Manual Integrations
APPROVED

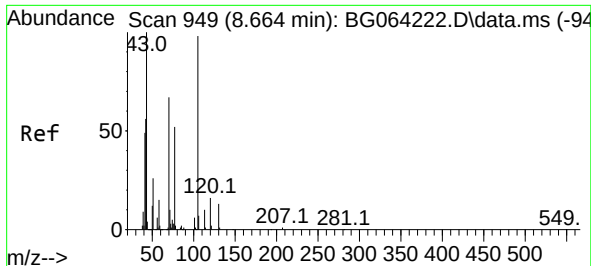
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#18
Hexachloroethane
Concen: 43.661 ng
RT: 8.923 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

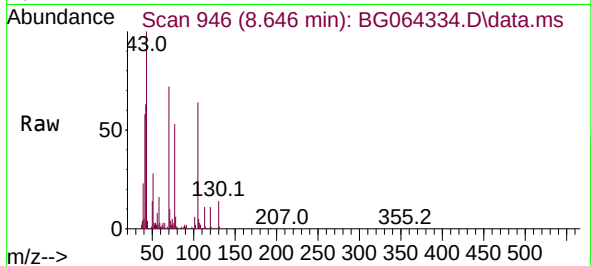
Tgt Ion	Ratio	Lower	Upper
117	100		
119	80.5	67.9	101.9
201	117.5	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.340 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

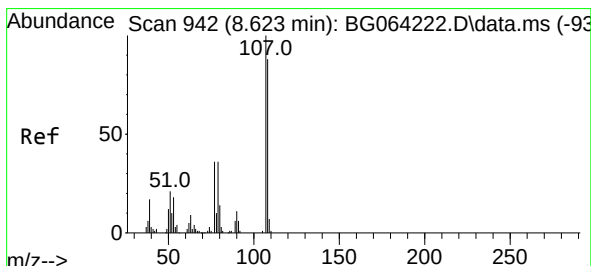
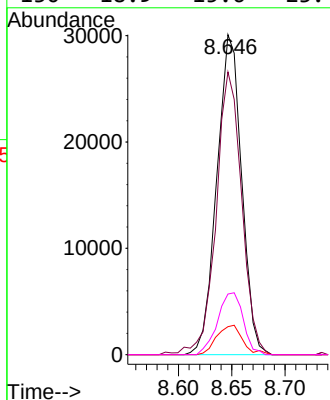
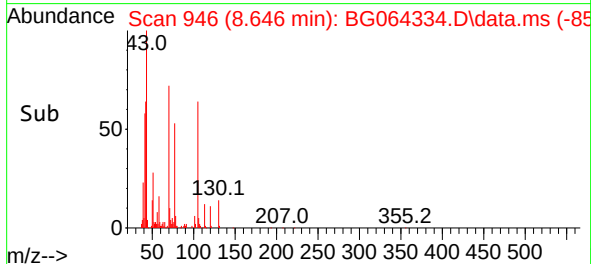
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion: 70 Resp: 48815
Ion Ratio Lower Upper
70 100
42 88.3 67.9 101.9
101 8.7 7.3 10.9
130 18.9 15.6 23.4

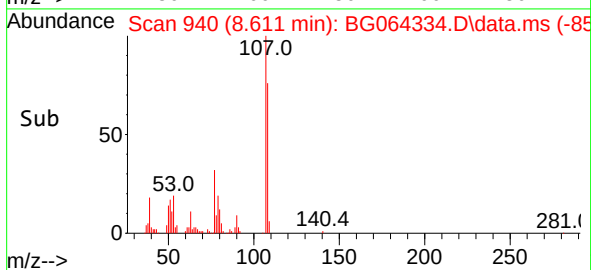
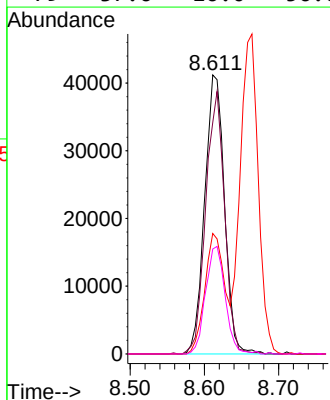
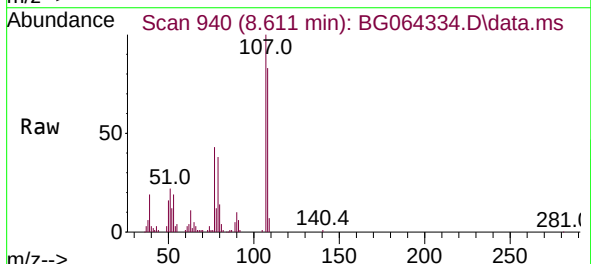
Manual Integrations
APPROVED

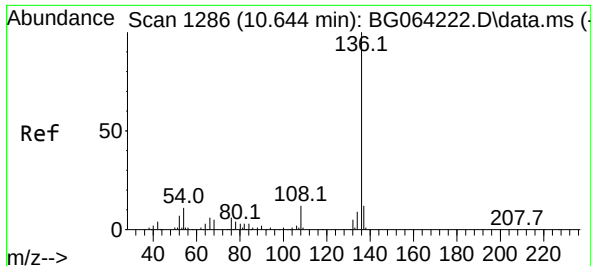
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#20
3+4-Methylphenols
Concen: 39.132 ng
RT: 8.611 min Scan# 940
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:107 Resp: 76317
Ion Ratio Lower Upper
107 100
108 83.0 68.1 108.1
77 43.1 15.9 55.9
79 37.6 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

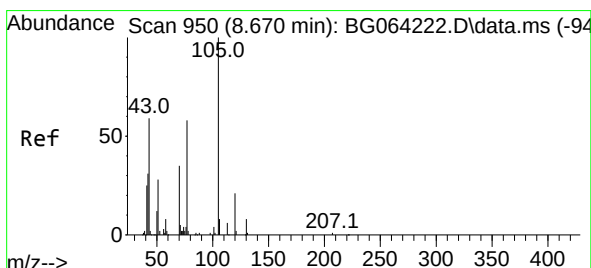
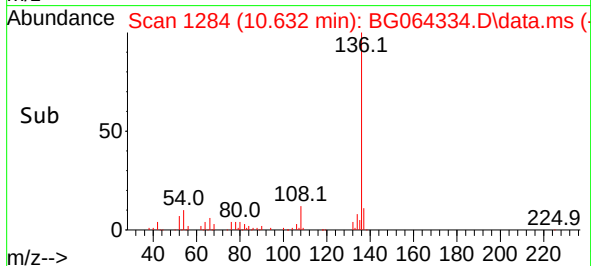
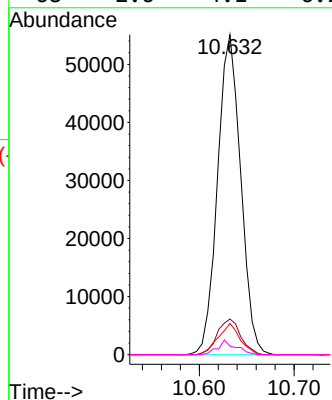
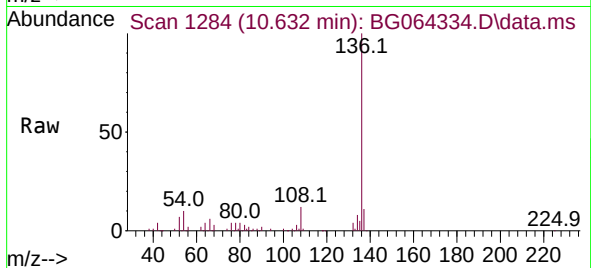
PB169633BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.7	8.8	13.2
68	2.6	4.1	6.1

Manual Integrations

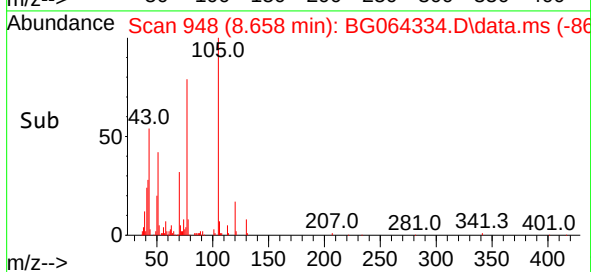
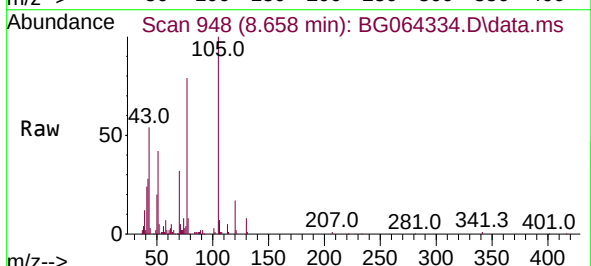
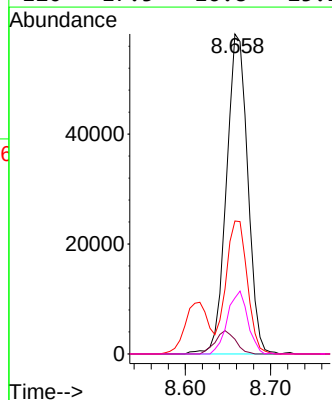
APPROVED

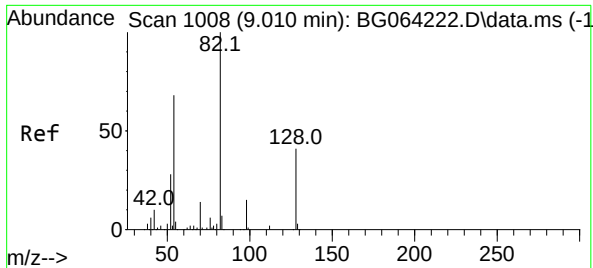
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 42.520 ng
RT: 8.658 min Scan# 948
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.3	6.5
51	41.5	32.4	48.6
120	17.5	16.8	25.2





#23

Nitrobenzene-d5

Concen: 86.362 ng

RT: 8.999 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BG064334.D

Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

Tgt Ion: 82 Resp: 14485

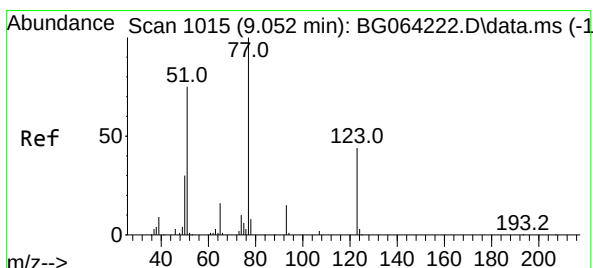
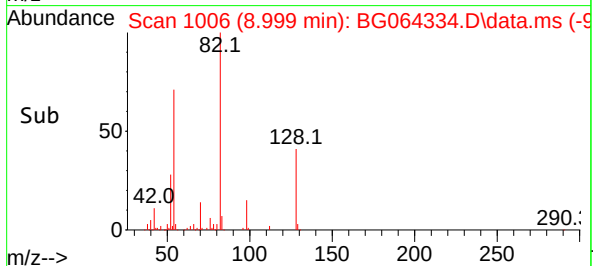
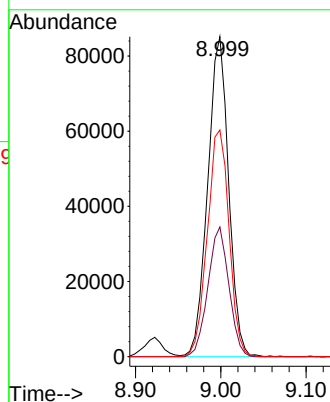
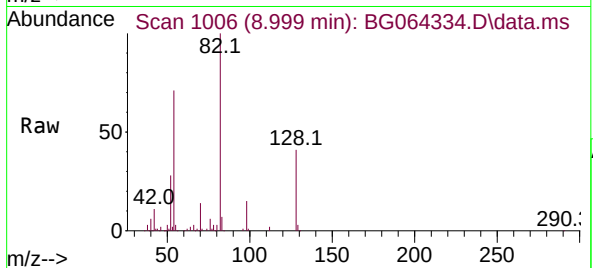
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.6	48.8
54	70.8	54.7	82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#24

Nitrobenzene

Concen: 43.403 ng

RT: 9.040 min Scan# 1013

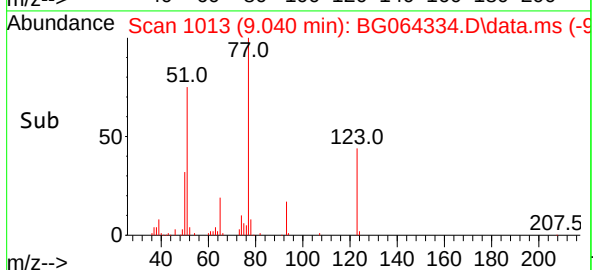
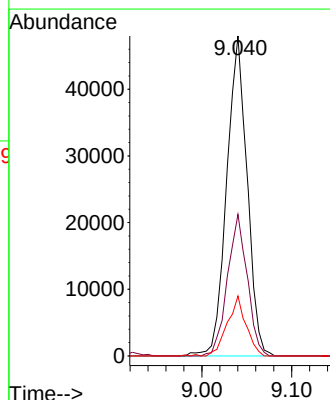
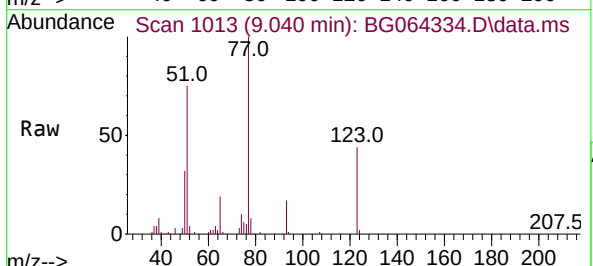
Delta R.T. -0.018 min

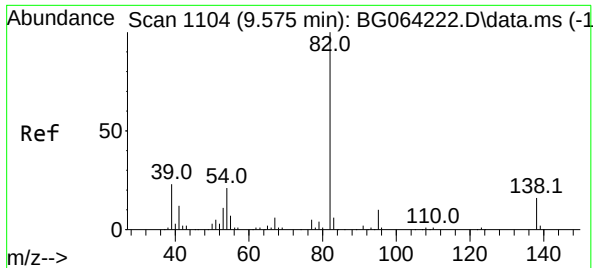
Lab File: BG064334.D

Acq: 10 Sep 2025 16:00

Tgt Ion: 77 Resp: 76060

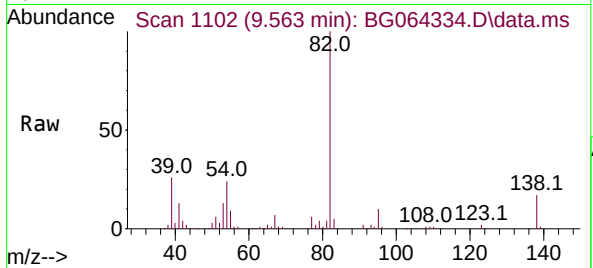
Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.2	52.8
65	18.7	12.6	19.0





#25
Isophorone
Concen: 39.195 ng
RT: 9.563 min Scan# 1104
Delta R.T. -0.024 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

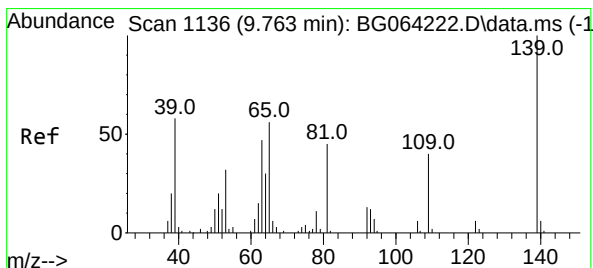
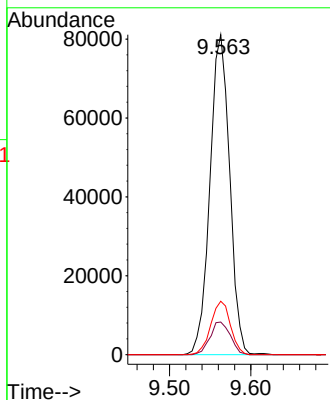
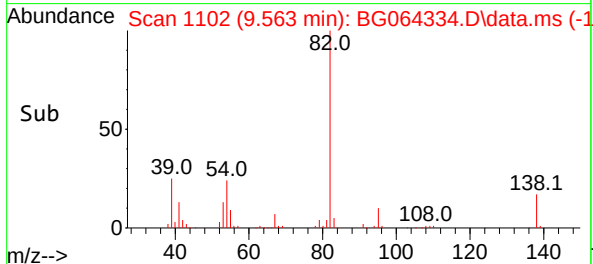
Instrument :
BNA_G
ClientSampleId :
PB169633BS



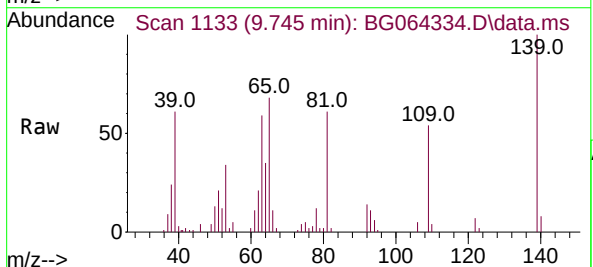
Tgt Ion: 82 Resp: 136630
Ion Ratio Lower Upper
82 100
95 10.2 7.9 11.9
138 16.7 13.0 19.4

Manual Integrations
APPROVED

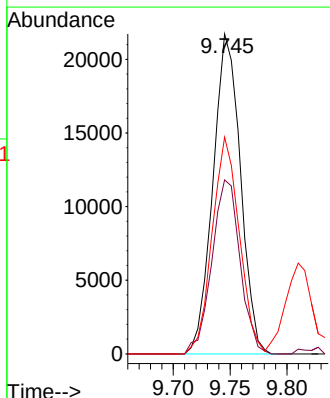
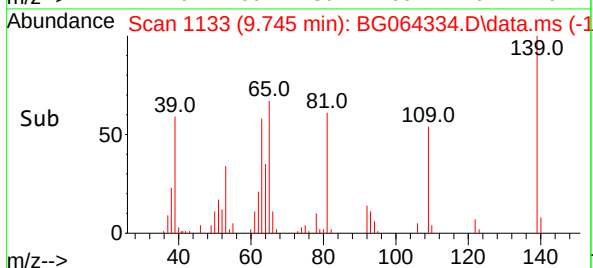
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

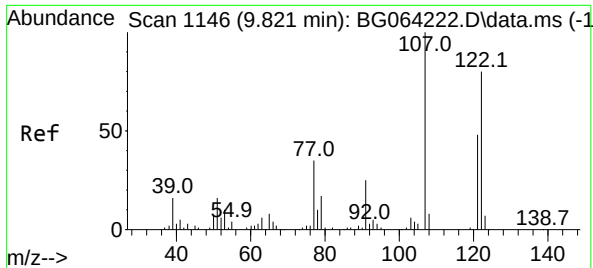


#26
2-Nitrophenol
Concen: 48.154 ng
RT: 9.745 min Scan# 1133
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:139 Resp: 36463
Ion Ratio Lower Upper
139 100
109 54.4 32.4 48.6#
65 67.7 44.6 67.0#





#27
2,4-Dimethylphenol
Concen: 49.015 ng
RT: 9.810 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

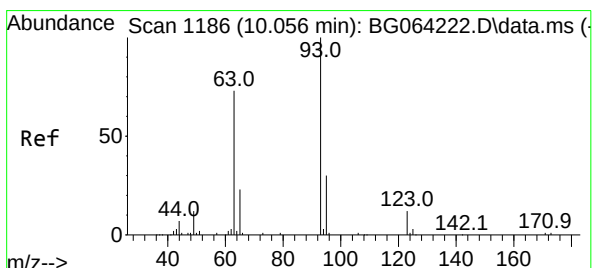
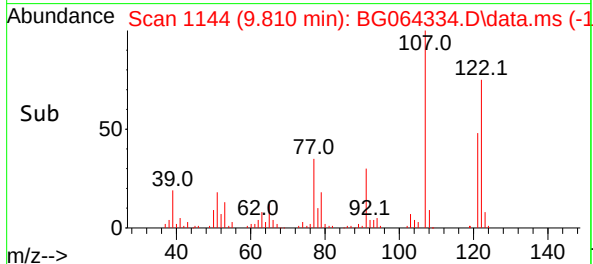
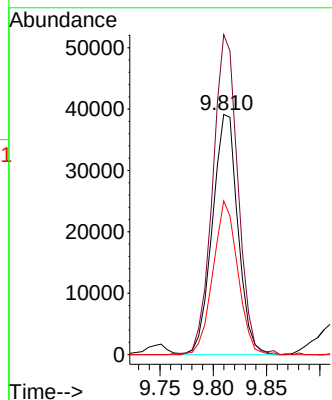
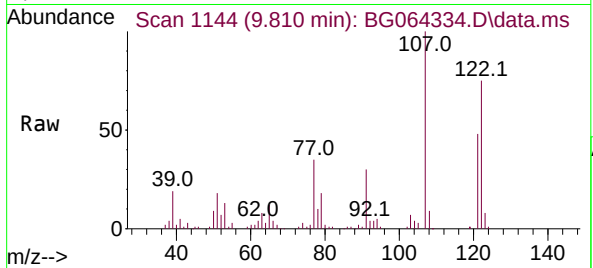
PB169633BS

Tgt Ion:122 Resp: 65162
Ion Ratio Lower Upper
122 100
107 133.3 99.9 149.9
121 64.0 48.6 72.8

Manual Integrations

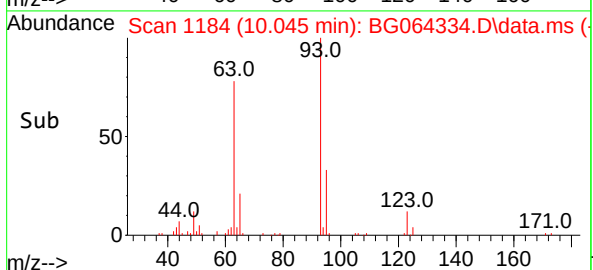
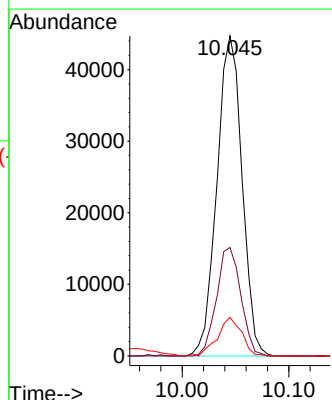
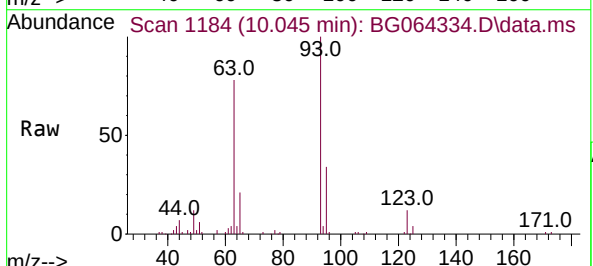
APPROVED

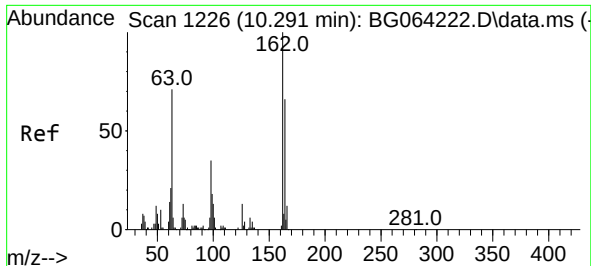
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.997 ng
RT: 10.045 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion: 93 Resp: 73299
Ion Ratio Lower Upper
93 100
95 33.9 23.9 35.9
123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.665 ng

RT: 10.280 min Scan# 1224

Delta R.T. -0.018 min

Lab File: BG064334.D

Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

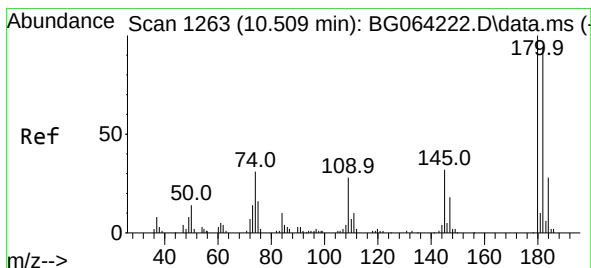
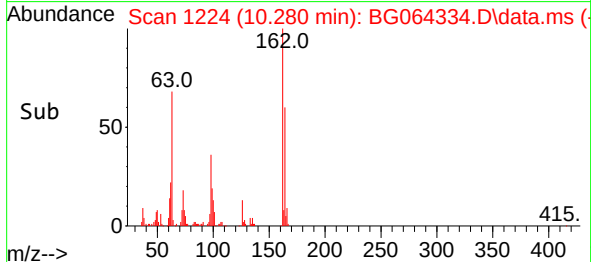
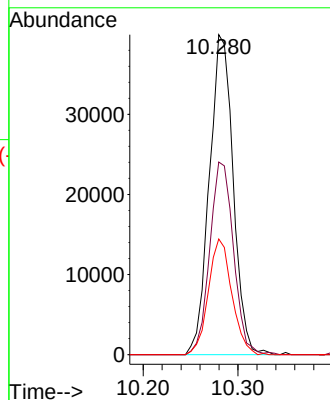
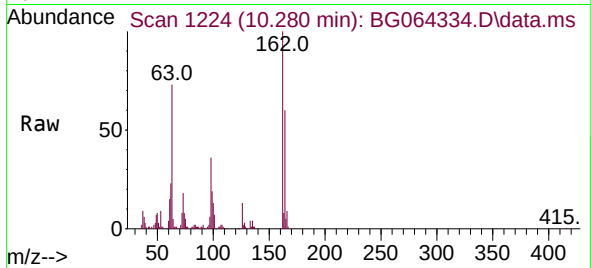
Tgt Ion:162	Resp:	6966
Ion Ratio	Lower	Upper
162	100	
164	60.2	45.8 85.8
98	36.1	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.390 ng

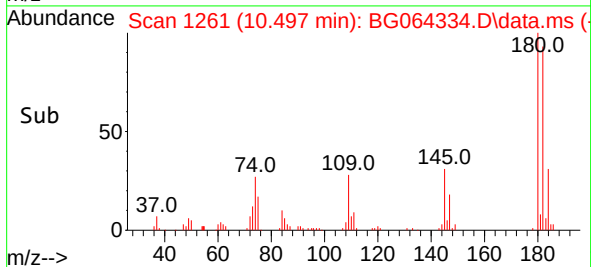
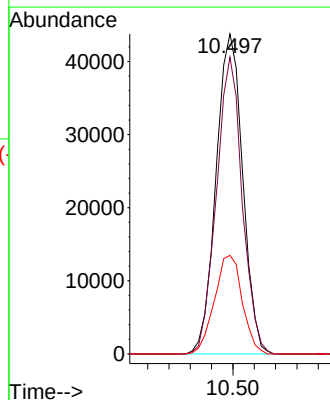
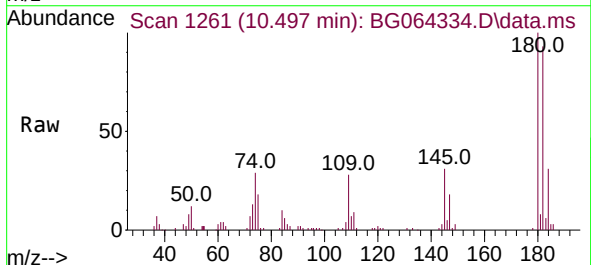
RT: 10.497 min Scan# 1261

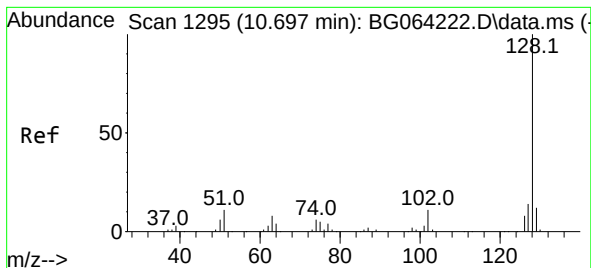
Delta R.T. -0.012 min

Lab File: BG064334.D

Acq: 10 Sep 2025 16:00

Tgt Ion:180	Resp:	76006
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.0 112.6
145	30.8	25.4 38.0





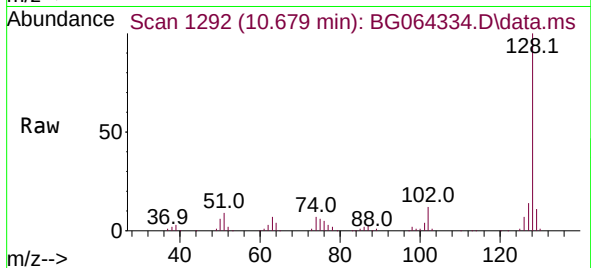
#31
Naphthalene
Concen: 42.542 ng
RT: 10.679 min Scan# 1170
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

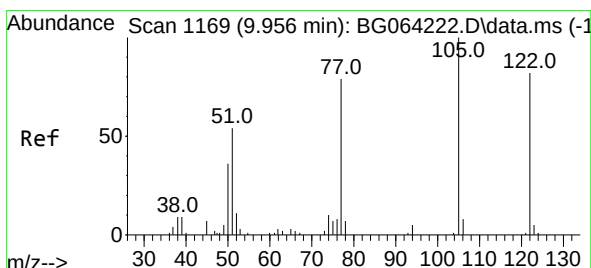
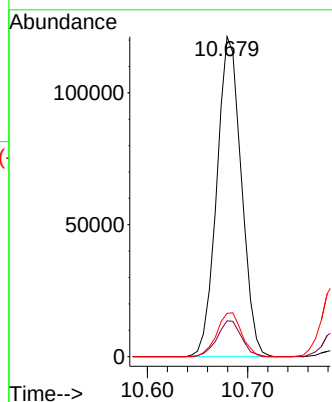


Tgt Ion:128 Resp: 206356
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.5 10.9 16.3

Manual Integrations

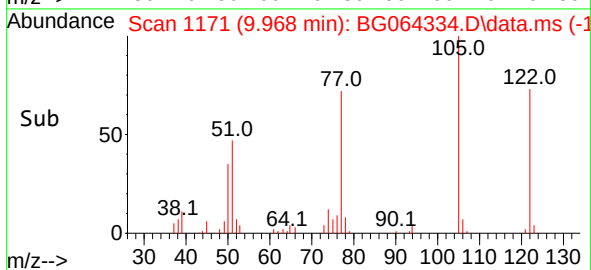
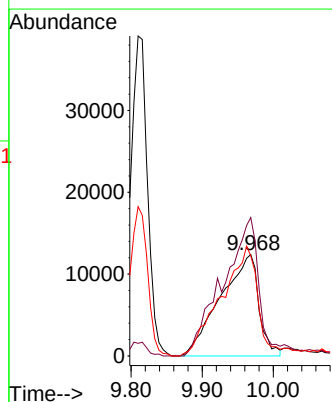
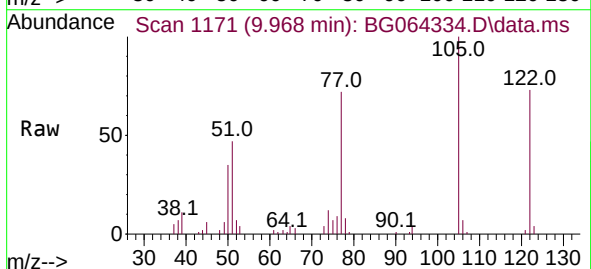
APPROVED

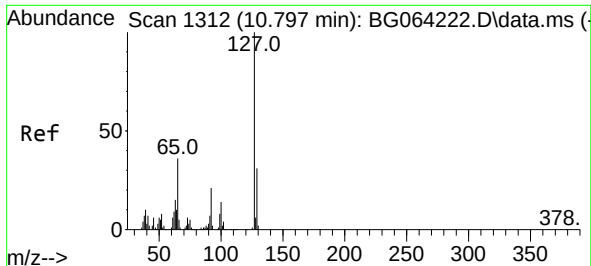
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 43.927 ng
RT: 9.968 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:122 Resp: 46356
Ion Ratio Lower Upper
122 100
105 136.4 98.5 138.5
77 98.5 74.6 114.6





#33
4-Chloroaniline
Concen: 28.485 ng
RT: 10.791 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

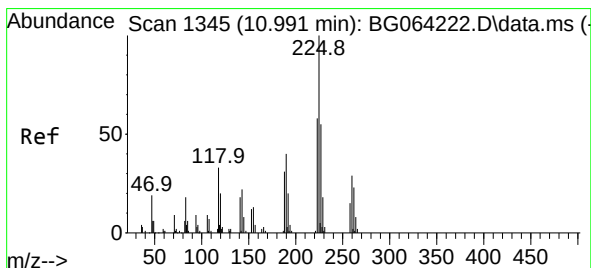
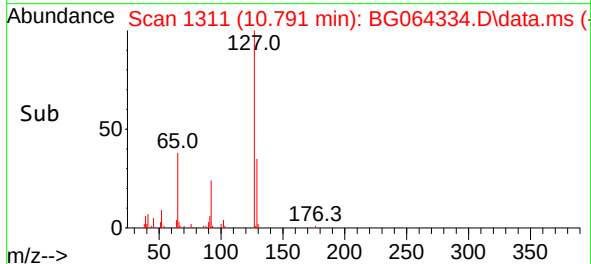
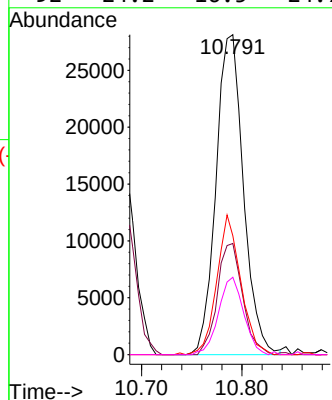
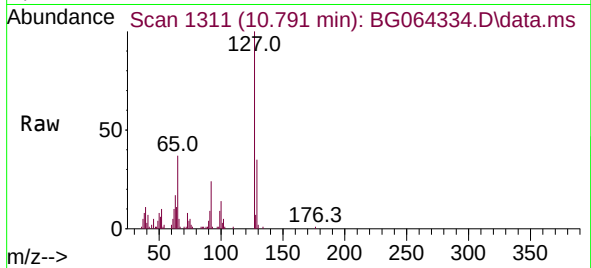
PB169633BS

Tgt Ion:127 Resp: 53552
Ion Ratio Lower Upper
127 100
129 34.7 25.0 37.4
65 37.1 28.7 43.1
92 24.2 16.5 24.7

Manual Integrations

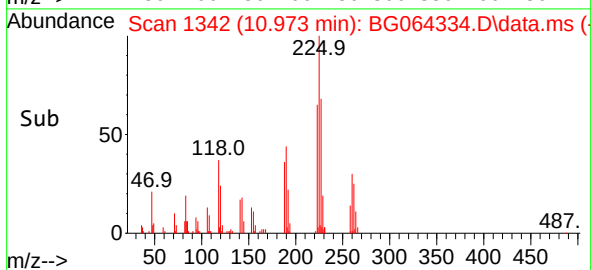
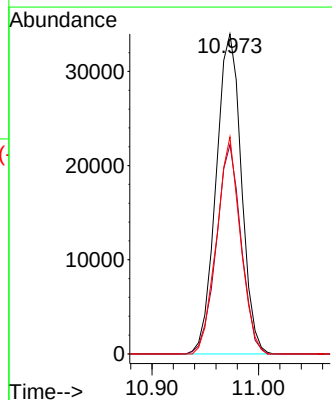
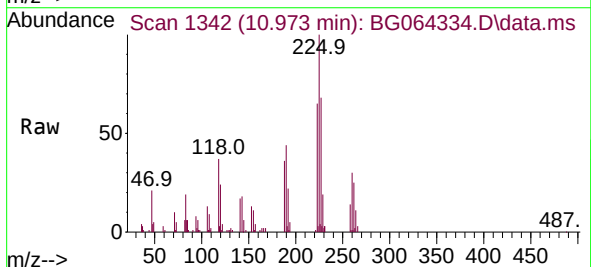
APPROVED

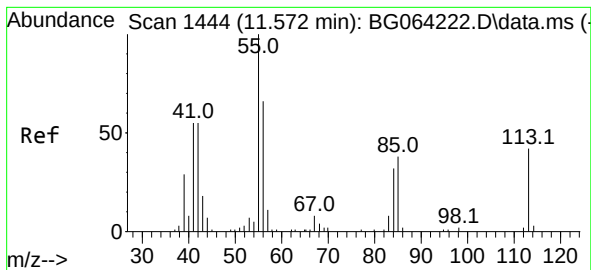
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#34
Hexachlorobutadiene
Concen: 51.233 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

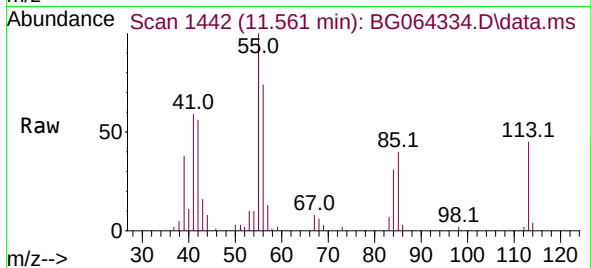
Tgt Ion:225 Resp: 56012
Ion Ratio Lower Upper
225 100
223 68.1 46.5 69.7
227 67.9 44.1 66.1#





#35
Caprolactam
Concen: 41.687 ng m
RT: 11.561 min Scan# 14
Delta R.T. -0.041 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

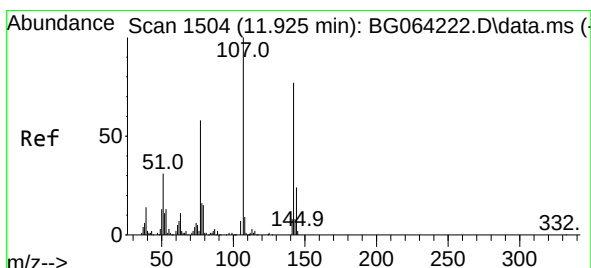
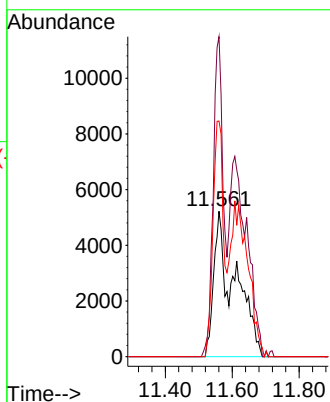
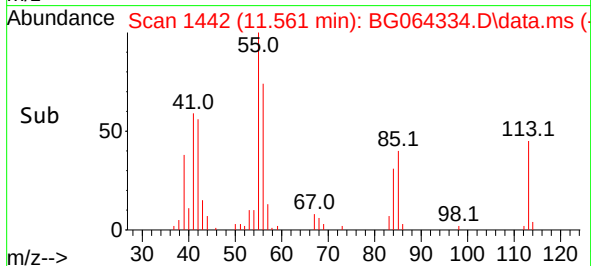
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:113 Resp: 22642
Ion Ratio Lower Upper
113 100
55 220.3 218.5 258.5
56 162.2 138.5 178.5

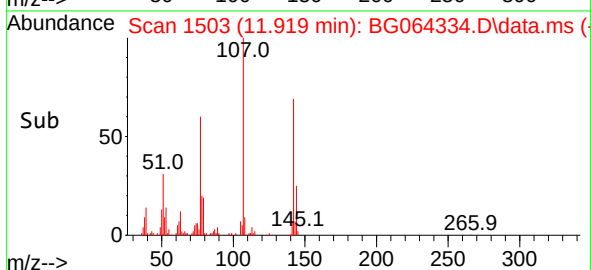
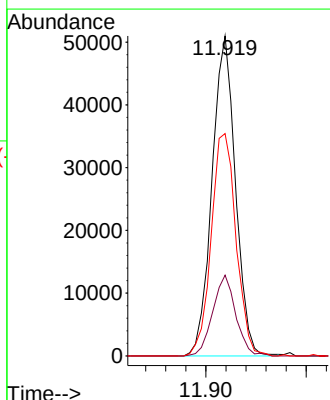
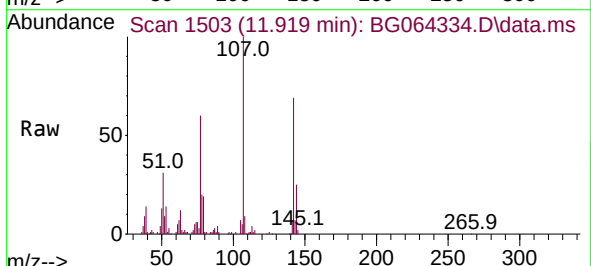
Manual Integrations
APPROVED

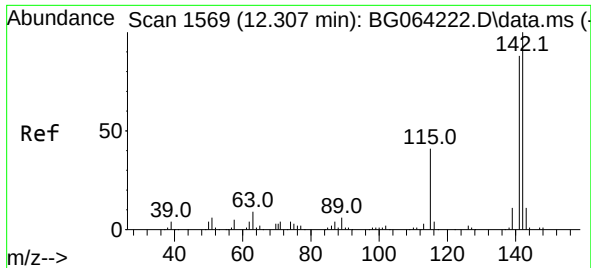
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#36
4-Chloro-3-methylphenol
Concen: 45.518 ng
RT: 11.919 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

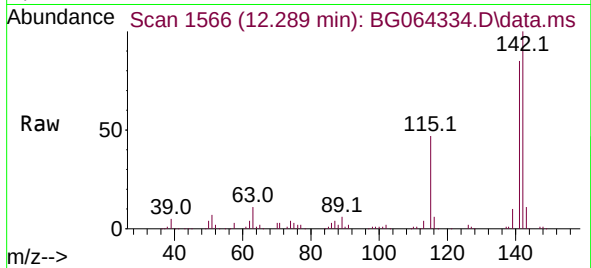
Tgt Ion:107 Resp: 82841
Ion Ratio Lower Upper
107 100
144 25.2 19.5 29.3
142 69.5 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.826 ng
RT: 12.289 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

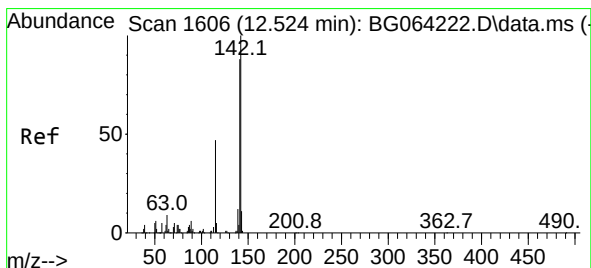
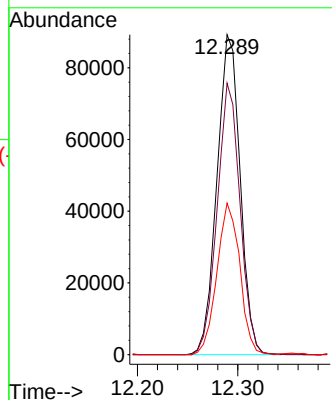
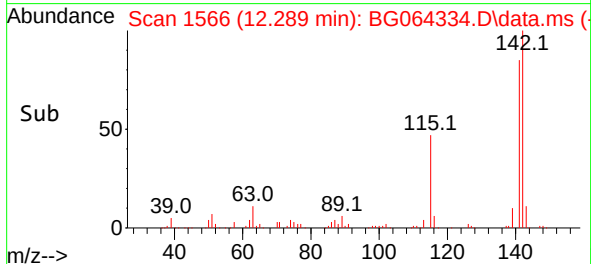
Instrument :
BNA_G
ClientSampleId :
PB169633BS



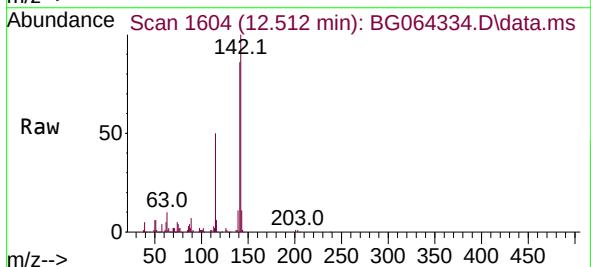
Tgt Ion:142 Resp: 143592
Ion Ratio Lower Upper
142 100
141 84.8 70.1 105.1
115 47.3 33.1 49.7

Manual Integrations
APPROVED

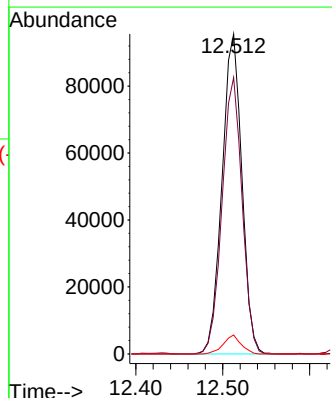
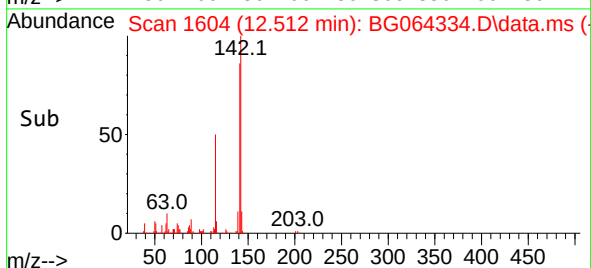
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

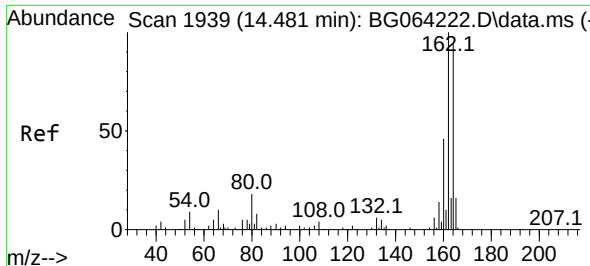


#38
1-Methylnaphthalene
Concen: 42.361 ng m
RT: 12.512 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:142 Resp: 150857
Ion Ratio Lower Upper
142 100
141 86.4 70.3 105.5
116 5.9 3.7 5.5#





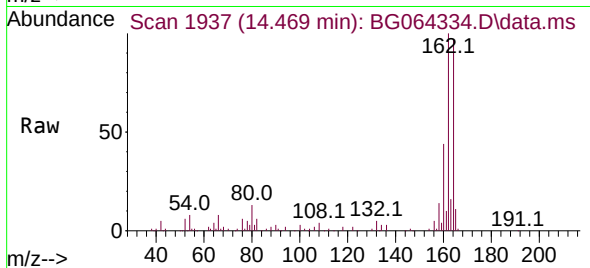
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

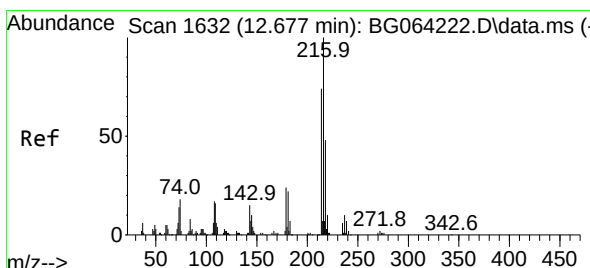
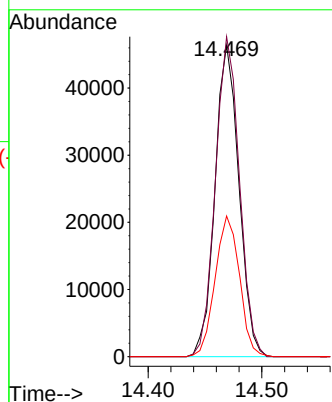
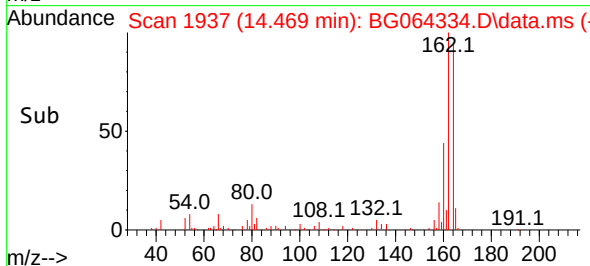


Tgt Ion:164 Resp: 67870
Ion Ratio Lower Upper
164 100
162 102.7 85.4 128.0
160 45.2 39.2 58.8

Manual Integrations

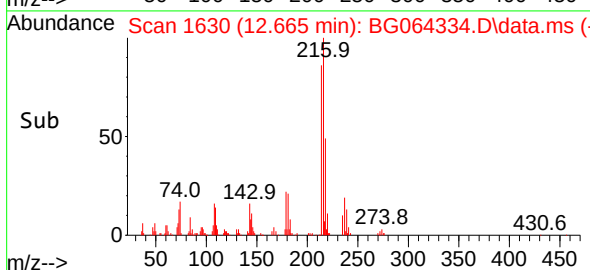
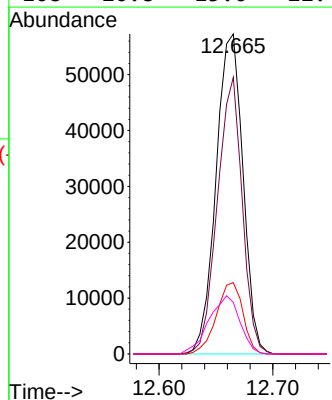
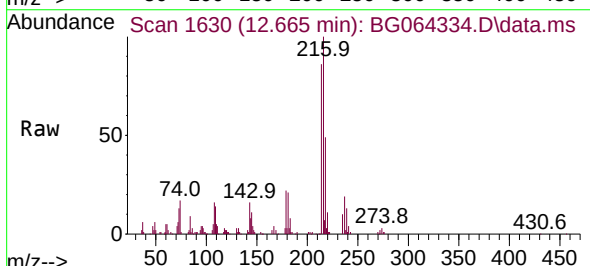
APPROVED

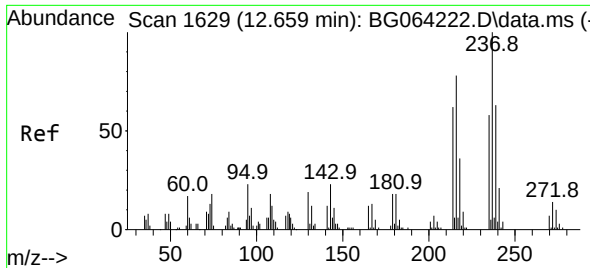
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.021 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

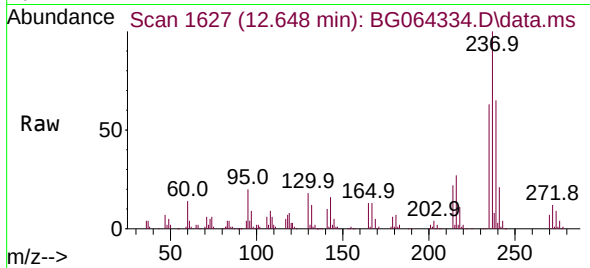
Tgt Ion:216 Resp: 94038
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 21.9 17.9 26.9
108 20.8 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 147.772 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

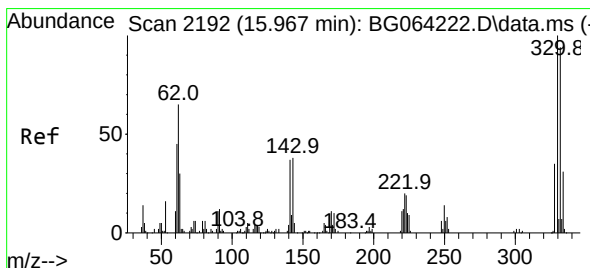
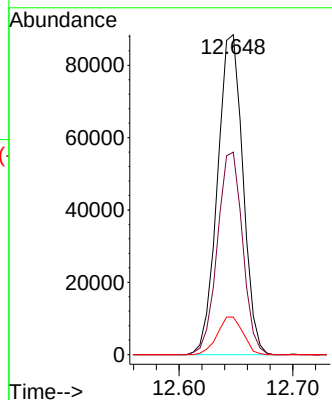
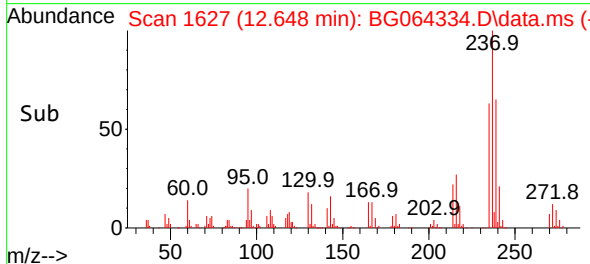
Instrument :
BNA_G
ClientSampleId :
PB169633BS



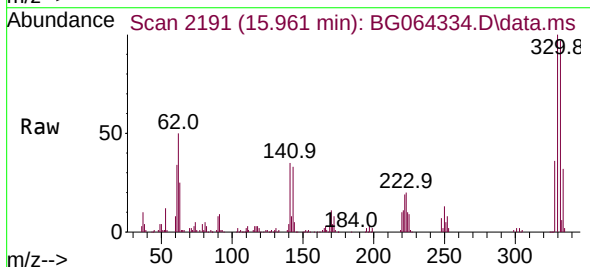
Tgt Ion:237 Resp: 137531
Ion Ratio Lower Upper
237 100
235 63.3 37.9 77.9
272 11.7 0.0 33.8

Manual Integrations
APPROVED

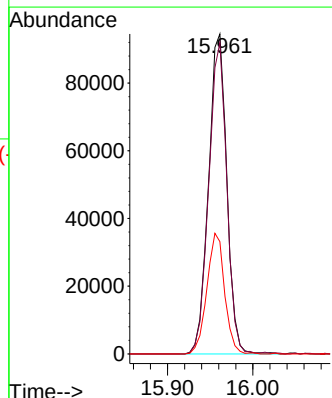
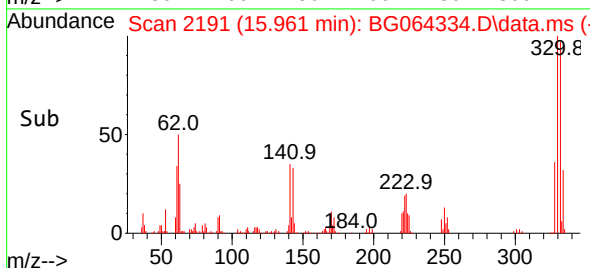
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

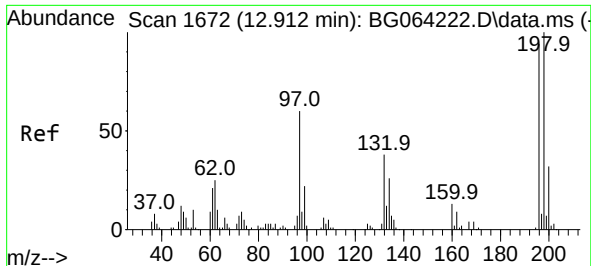


#42
2,4,6-Tribromophenol
Concen: 156.101 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:330 Resp: 140330
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 36.6 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 47.085 ng
RT: 12.900 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

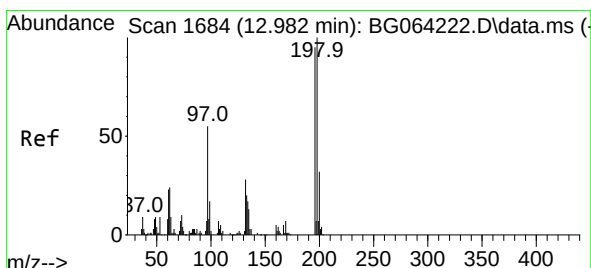
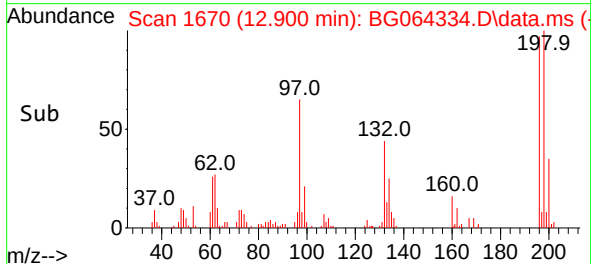
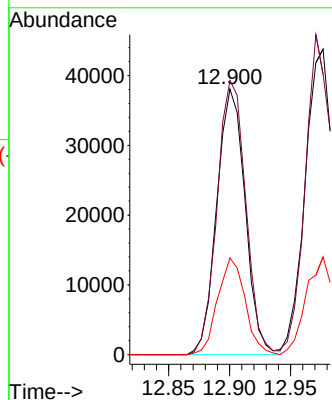
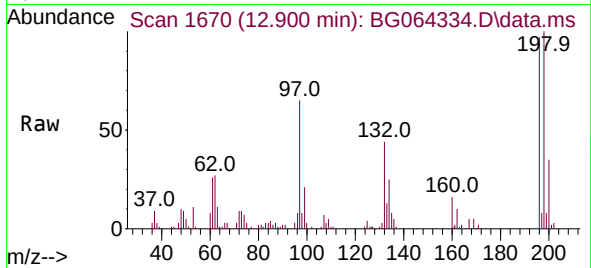
PB169633BS

Tgt Ion:196 Resp: 61629
Ion Ratio Lower Upper
196 100
198 103.2 85.4 128.2
200 36.3 27.3 40.9

Manual Integrations

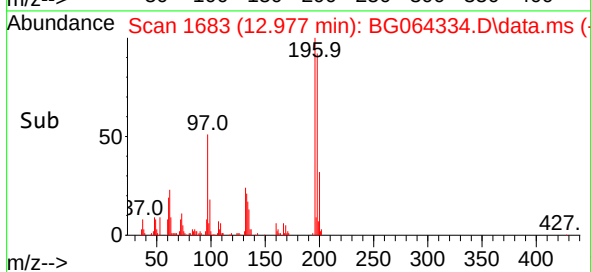
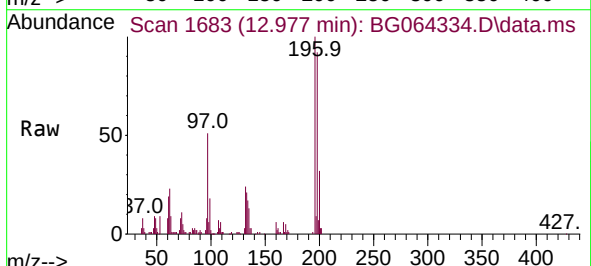
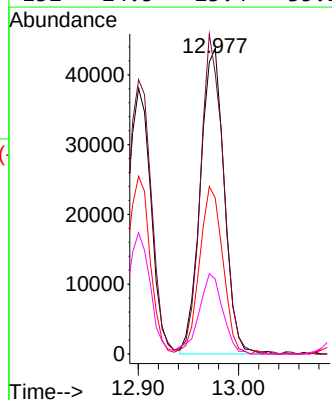
APPROVED

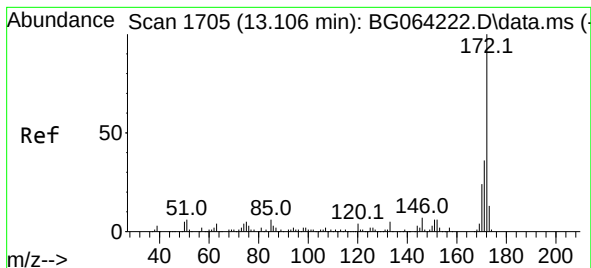
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#44
2,4,5-Trichlorophenol
Concen: 51.118 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

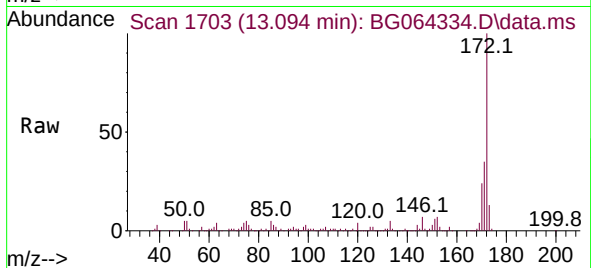
Tgt Ion:196 Resp: 72579
Ion Ratio Lower Upper
196 100
198 91.7 84.5 126.7
97 51.0 46.8 70.2
132 24.5 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 86.150 ng
RT: 13.094 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

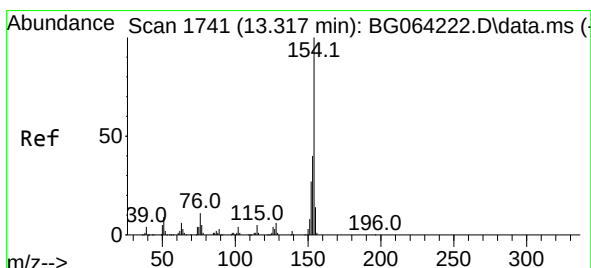
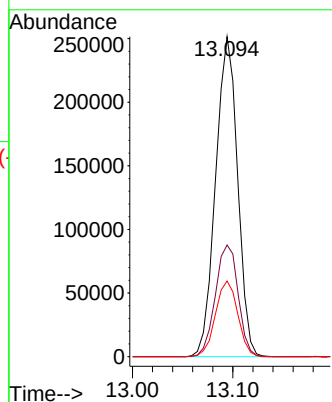
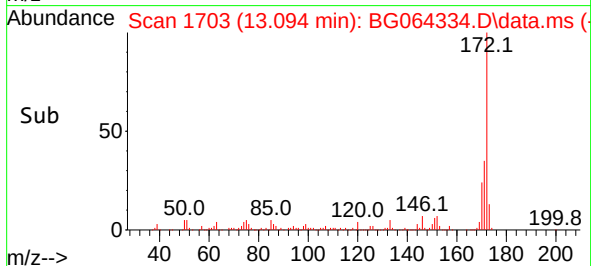
Instrument :
BNA_G
ClientSampleId :
PB169633BS



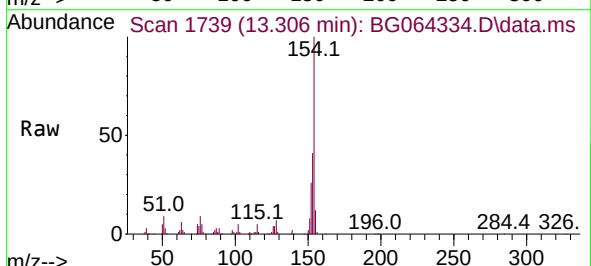
Tgt Ion:172 Resp: 383071
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.6 19.0 28.6

Manual Integrations
APPROVED

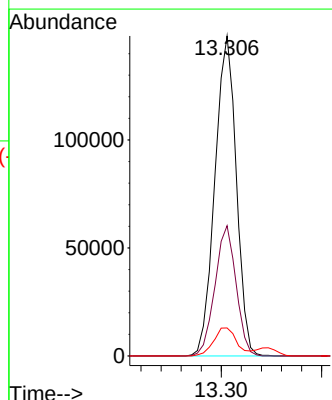
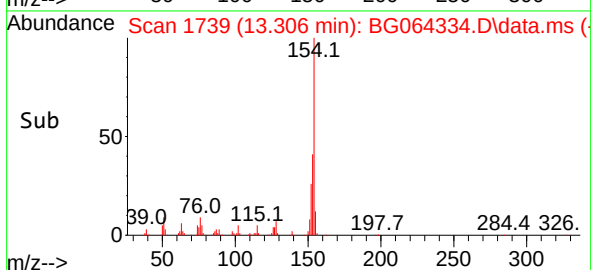
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

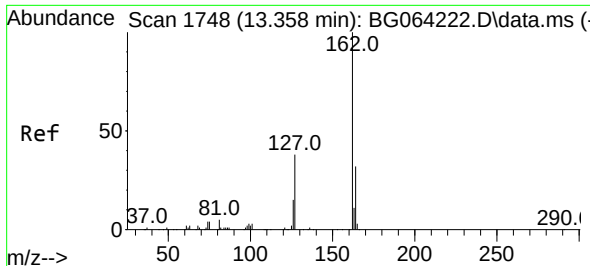


#46
1,1'-Biphenyl
Concen: 44.411 ng
RT: 13.306 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



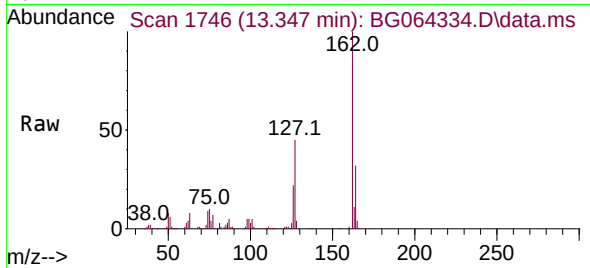
Tgt Ion:154 Resp: 219535
Ion Ratio Lower Upper
154 100
153 40.7 19.9 59.9
76 8.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 43.838 ng
RT: 13.347 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

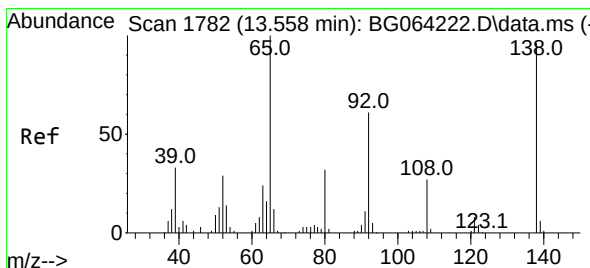
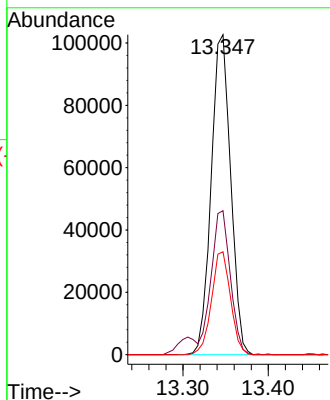
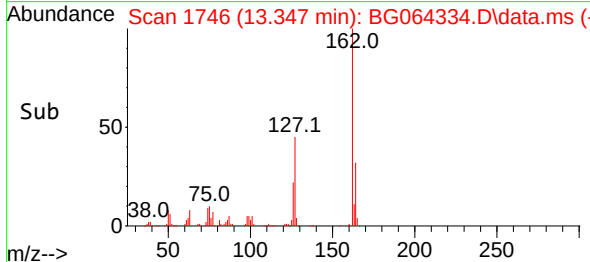
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:162 Resp: 162915
Ion Ratio Lower Upper
162 100
127 45.0 33.9 50.9
164 32.1 25.4 38.2

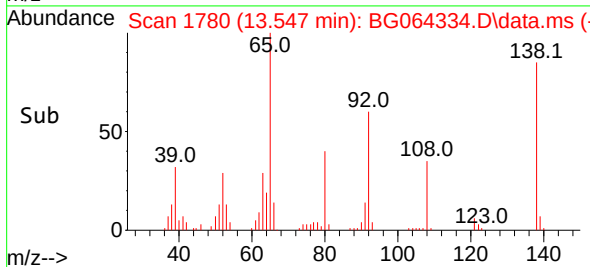
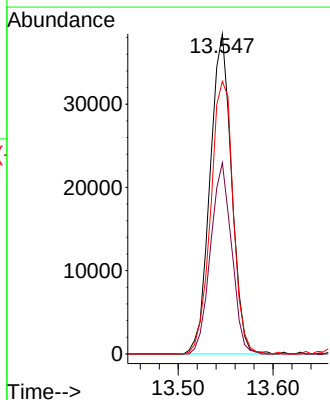
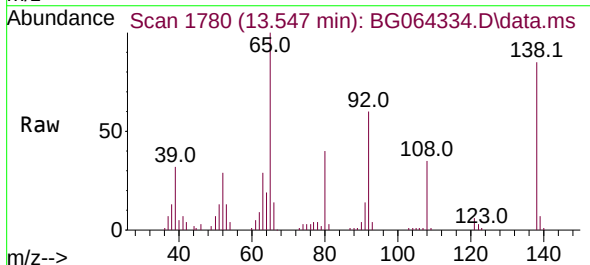
Manual Integrations
APPROVED

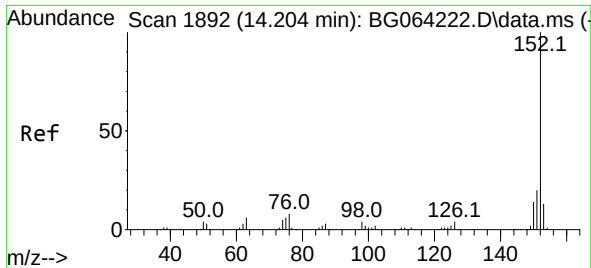
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 47.903 ng
RT: 13.547 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

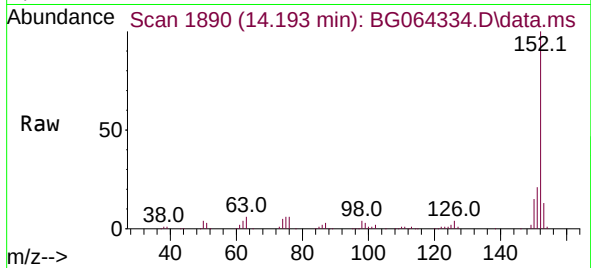
Tgt Ion: 65 Resp: 60677
Ion Ratio Lower Upper
65 100
92 59.8 49.2 73.8
138 85.2 76.8 115.2





#49
Acenaphthylene
Concen: 49.920 ng
RT: 14.193 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

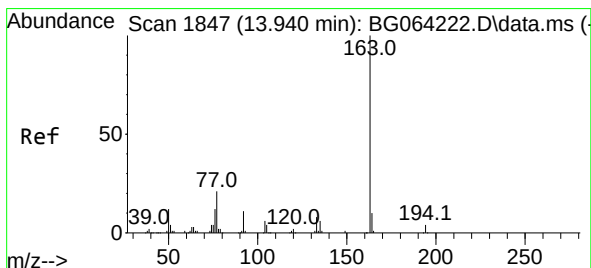
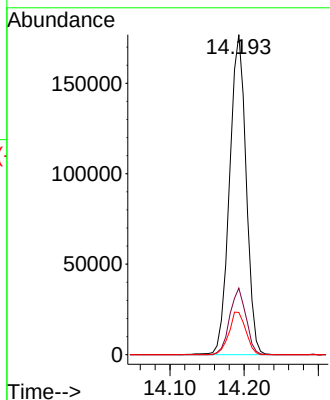
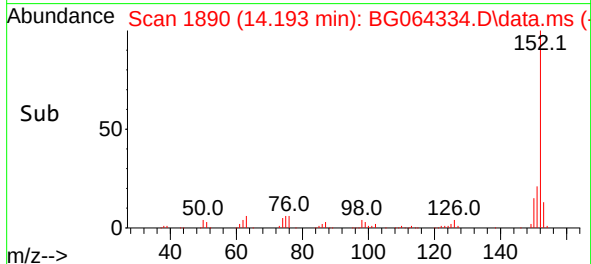
Instrument :
BNA_G
ClientSampleId :
PB169633BS



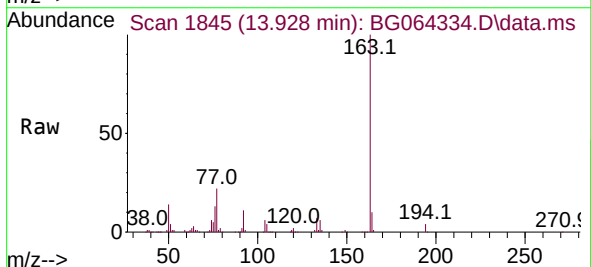
Tgt Ion:152 Resp: 274242
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.2 10.1 15.1

Manual Integrations
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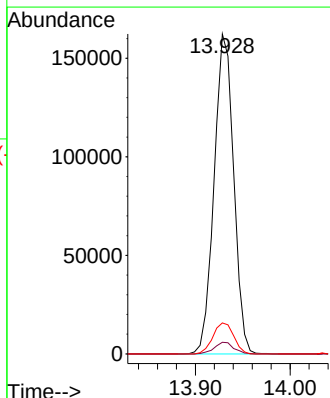
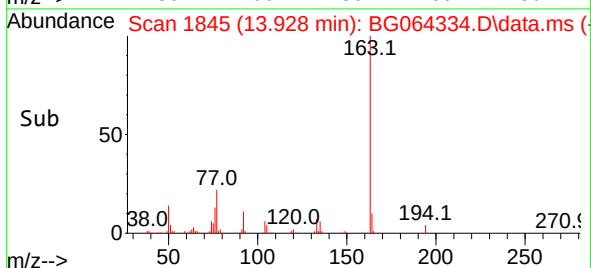
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

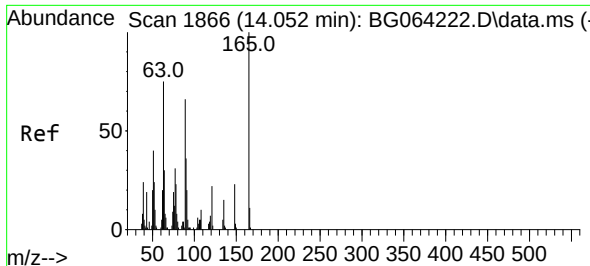


#50
Dimethylphthalate
Concen: 45.210 ng
RT: 13.928 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



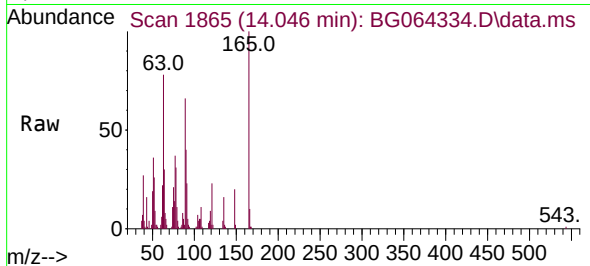
Tgt Ion:163 Resp: 232255
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.475 ng
RT: 14.046 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

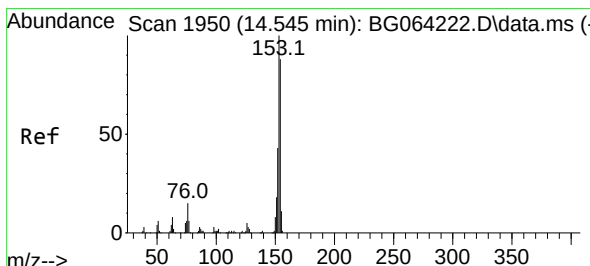
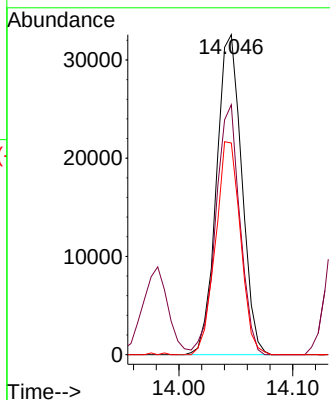
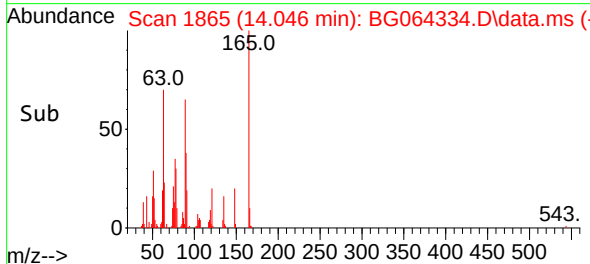
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:165 Resp: 50199
Ion Ratio Lower Upper
165 100
63 78.1 60.3 90.5
89 66.1 52.9 79.3

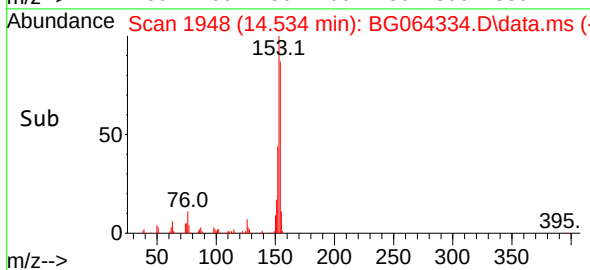
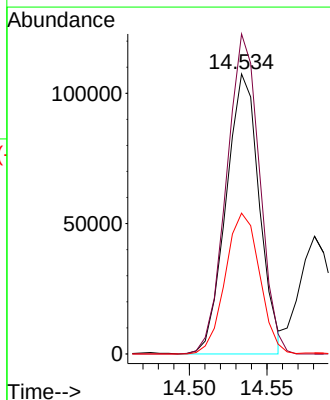
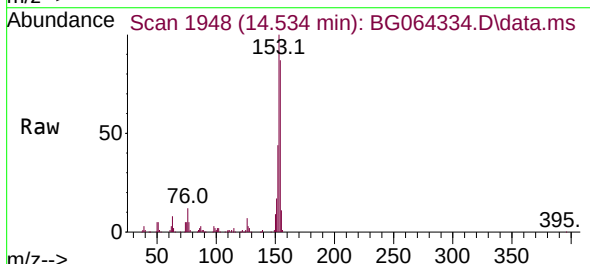
Manual Integrations
APPROVED

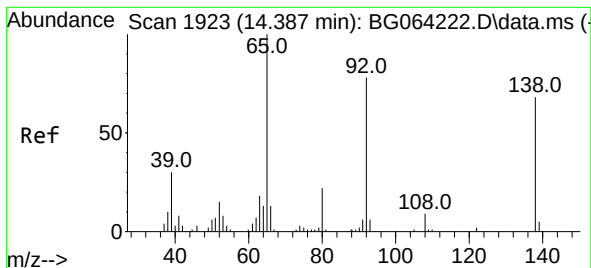
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#52
Acenaphthene
Concen: 41.265 ng
RT: 14.534 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

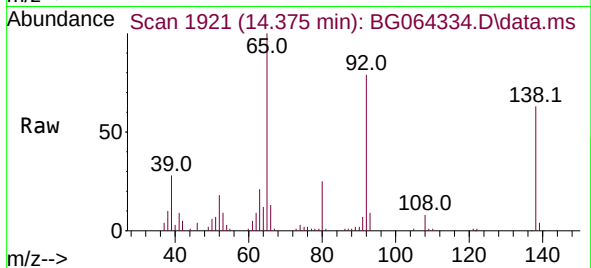
Tgt Ion:154 Resp: 159977
Ion Ratio Lower Upper
154 100
153 114.3 91.1 136.7
152 50.3 39.6 59.4





#53
3-Nitroaniline
Concen: 34.685 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

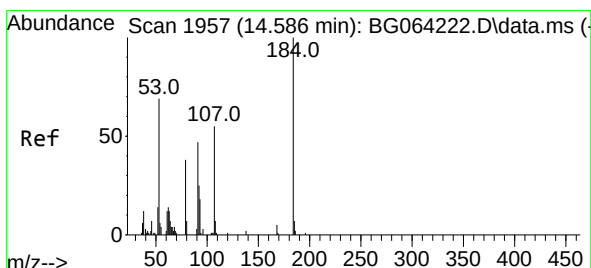
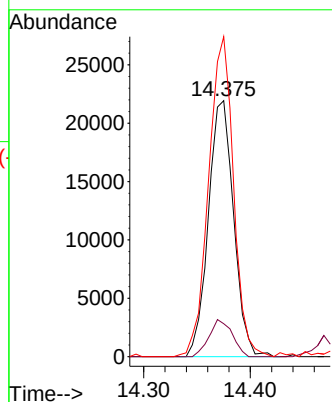
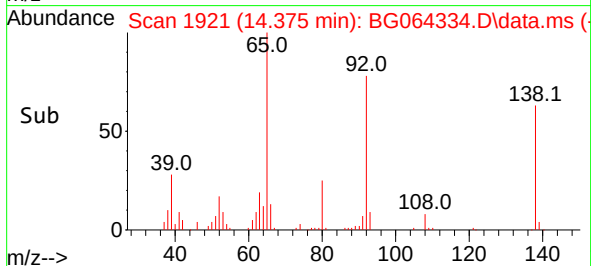
Instrument :
BNA_G
ClientSampleId :
PB169633BS



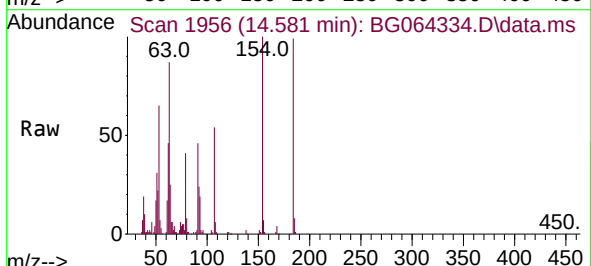
Tgt Ion:138 Resp: 36133
Ion Ratio Lower Upper
138 100
108 12.8 11.0 16.6
92 125.0 91.4 137.0

Manual Integrations
APPROVED

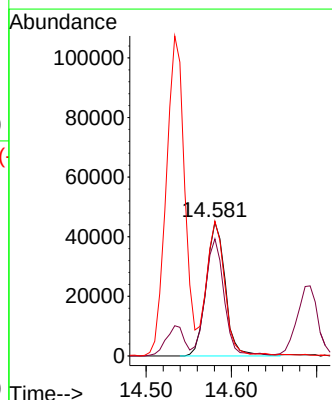
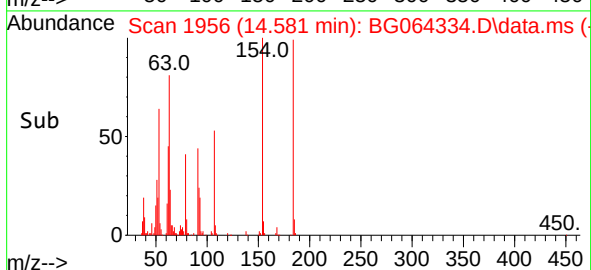
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

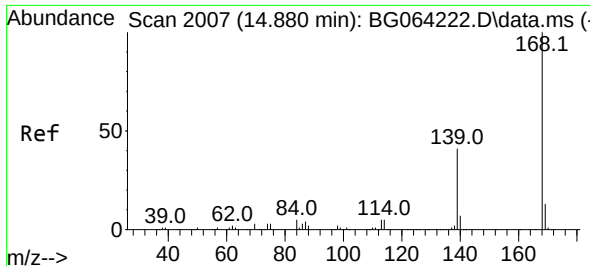


#54
2,4-Dinitrophenol
Concen: 105.419 ng
RT: 14.581 min Scan# 1956
Delta R.T. -0.011 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:184 Resp: 69754
Ion Ratio Lower Upper
184 100
63 87.6 60.1 90.1
154 100.7 59.8 89.8#





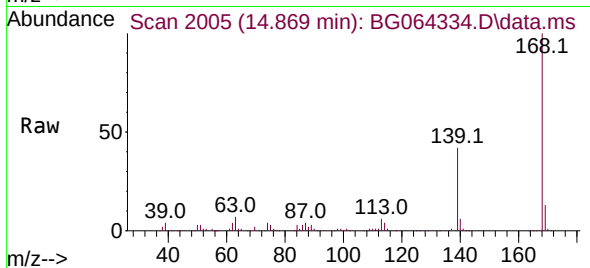
#55
Dibenzofuran
Concen: 45.190 ng
RT: 14.869 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

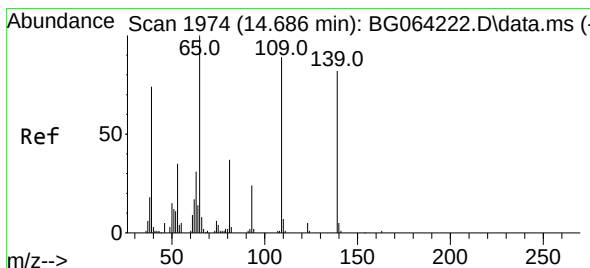
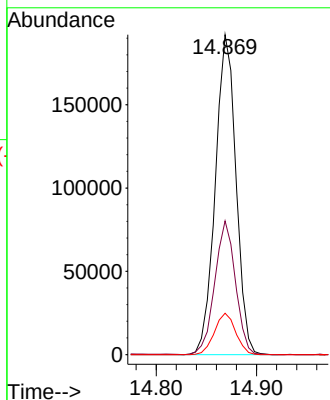
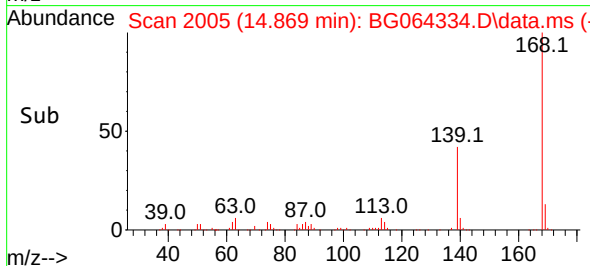


Tgt Ion:168 Resp: 275576
Ion Ratio Lower Upper
168 100
139 41.8 33.2 49.8
169 12.9 10.4 15.6

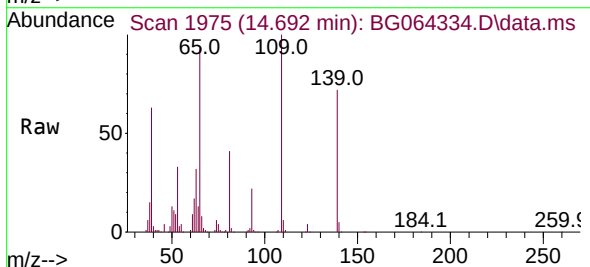
Manual Integrations

APPROVED

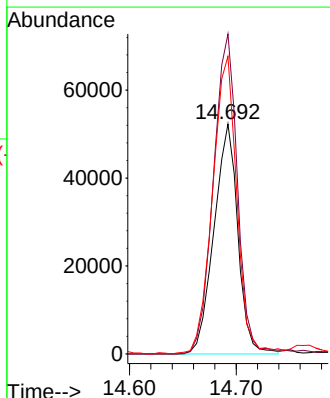
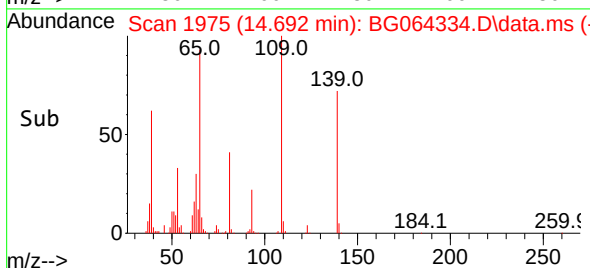
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

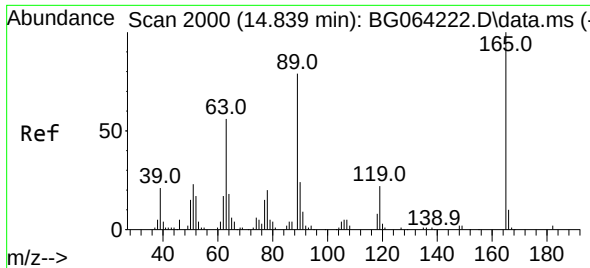


#56
4-Nitrophenol
Concen: 95.136 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:139 Resp: 81299
Ion Ratio Lower Upper
139 100
109 139.3 89.1 129.1#
65 129.5 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 50.889 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

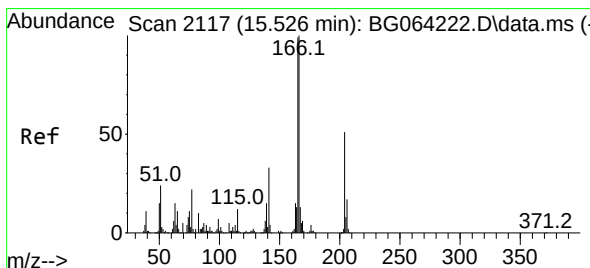
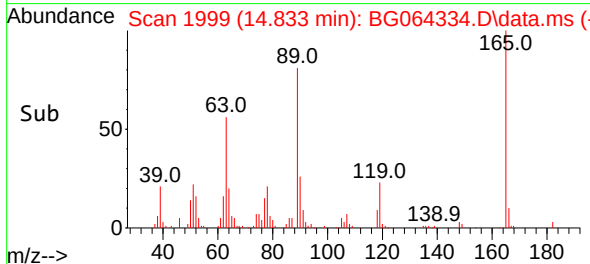
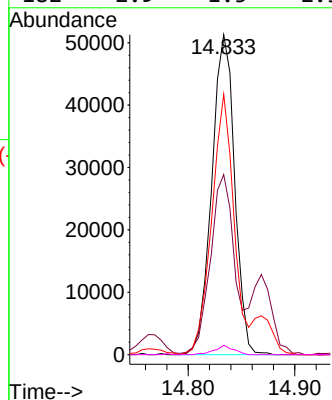
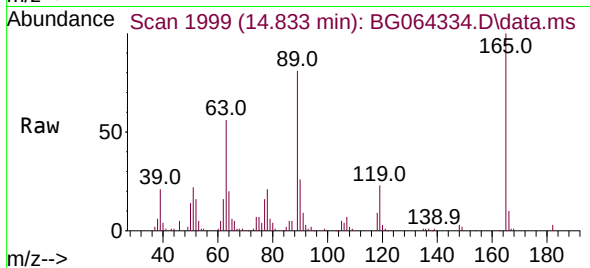
ClientSampleId :

PB169633BS

Tgt Ion:165 Resp: 76524
Ion Ratio Lower Upper
165 100
63 56.3 44.6 67.0
89 81.3 63.0 94.4
182 2.9 1.5 2.3#

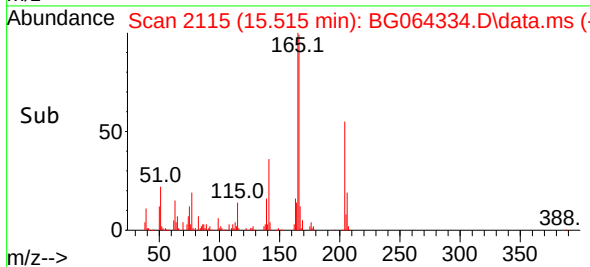
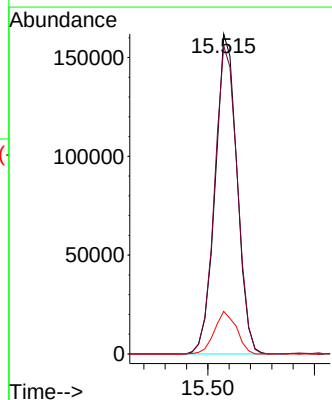
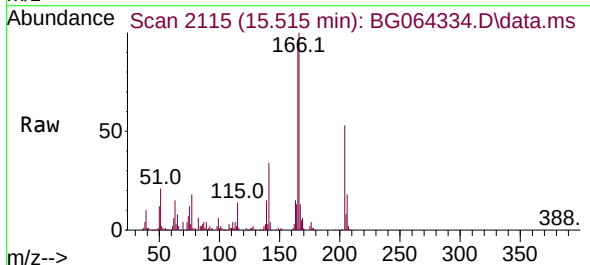
Manual Integrations
APPROVED

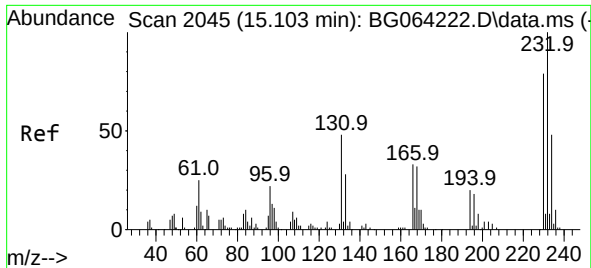
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#58
Fluorene
Concen: 46.078 ng
RT: 15.515 min Scan# 2115
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:166 Resp: 230302
Ion Ratio Lower Upper
166 100
165 96.2 79.1 118.7
167 13.3 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.907 ng
RT: 15.098 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS

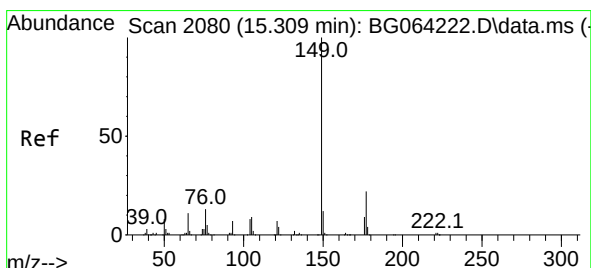
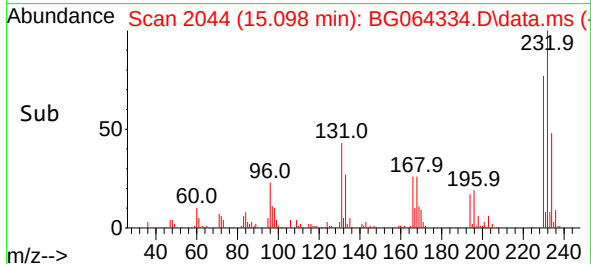
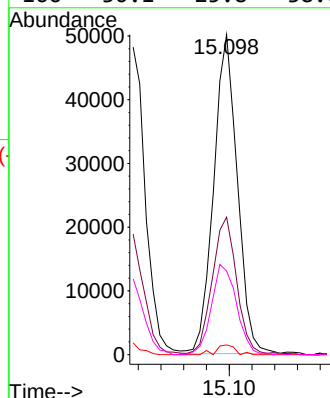
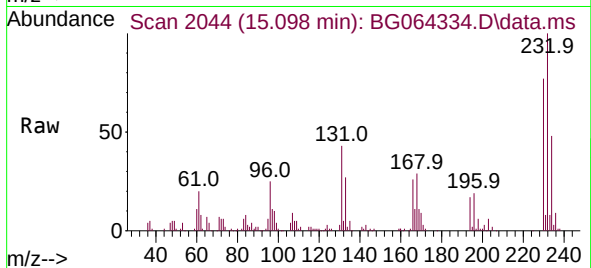
Tgt Ion:232 Resp: 72250
Ion Ratio Lower Upper
232 100
131 44.8 37.1 55.7
130 2.5 2.6 3.8
166 30.1 25.8 38.6

Manual Integrations

APPROVED

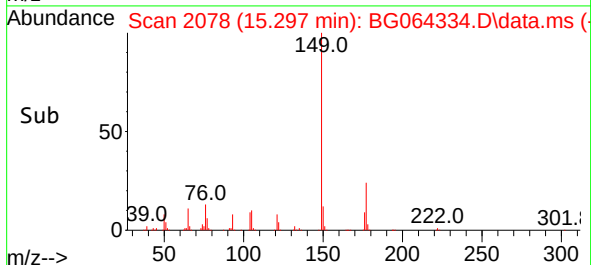
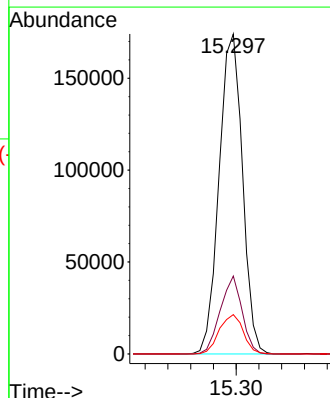
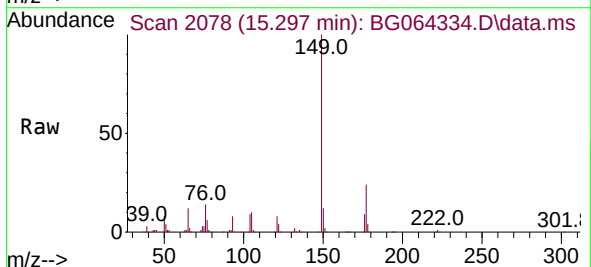
Reviewed By :Rahul Chavli 09/11/2025

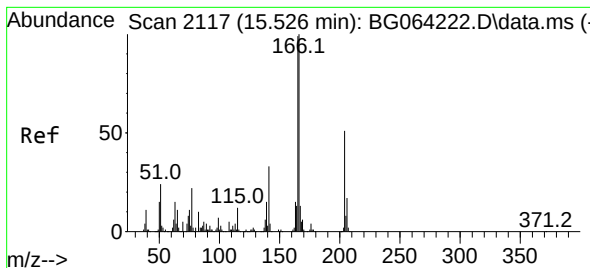
Supervised By :Jagrut Upadhyay 09/11/2025



#60
Diethylphthalate
Concen: 45.122 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:149 Resp: 248078
Ion Ratio Lower Upper
149 100
177 24.3 17.5 26.3
150 12.3 9.9 14.9





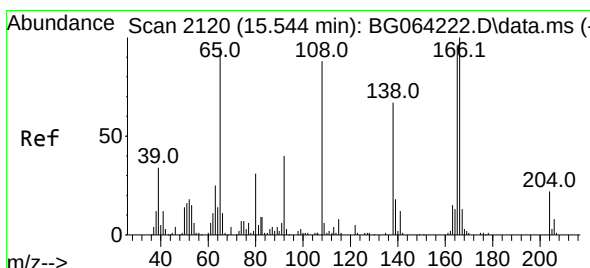
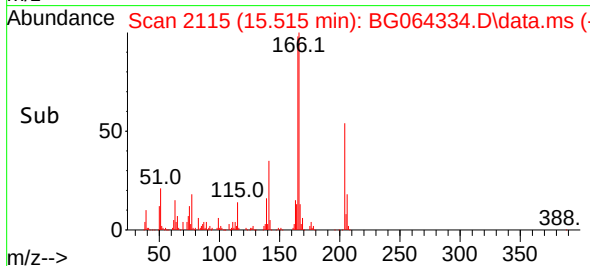
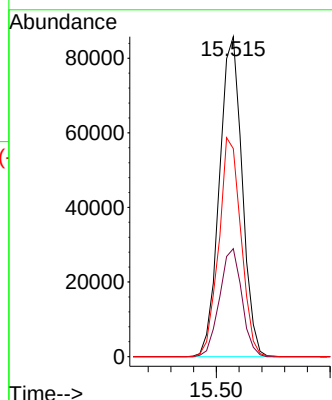
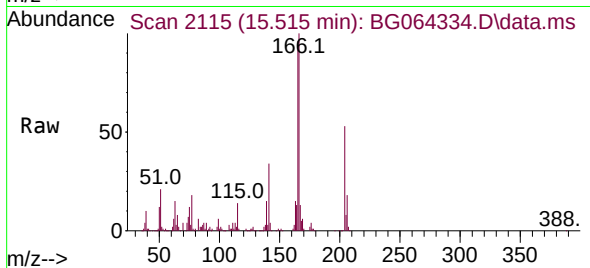
#61
4-Chlorophenyl-phenylether
Concen: 47.699 ng
RT: 15.515 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :
BNA_G
ClientSampleId :
PB169633BS

Tgt Ion:204 Resp: 11886
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.4
141 65.0 51.9 77.9

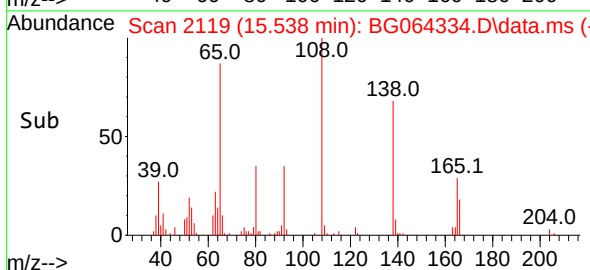
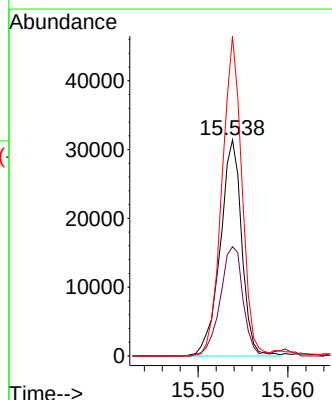
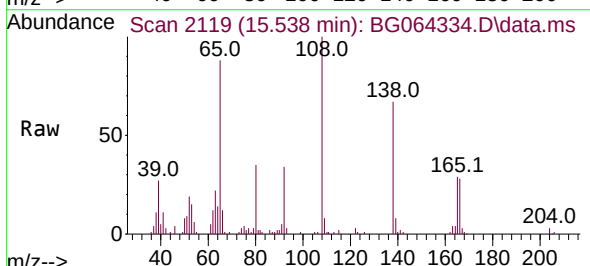
Manual Integrations
APPROVED

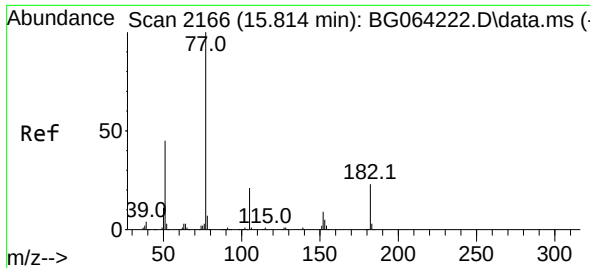
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#62
4-Nitroaniline
Concen: 49.243 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:138 Resp: 52347
Ion Ratio Lower Upper
138 100
92 50.6 39.1 79.1
108 148.2 111.3 151.3





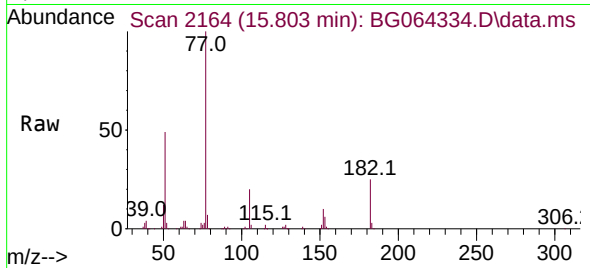
#63
Azobenzene
Concen: 42.943 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS



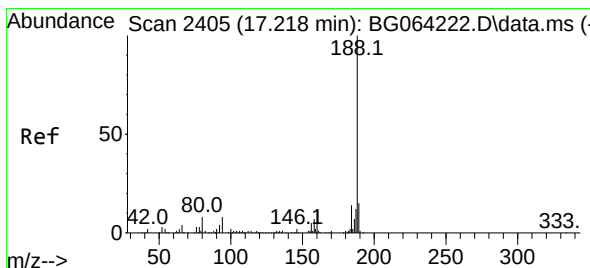
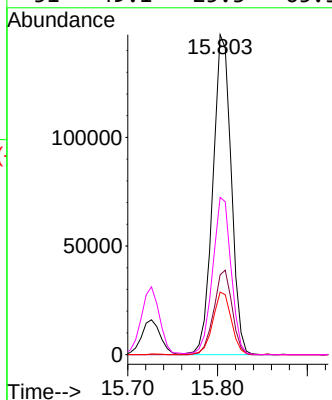
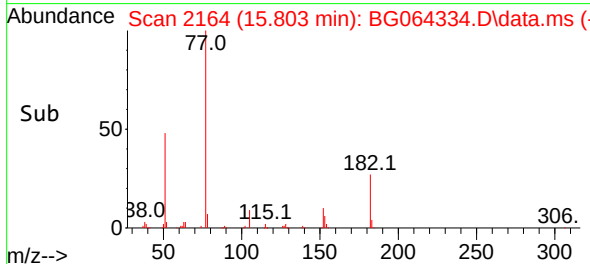
Tgt Ion: 77 Resp: 210430
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 19.5 0.6 40.6
51 49.1 25.3 65.3

Manual Integrations

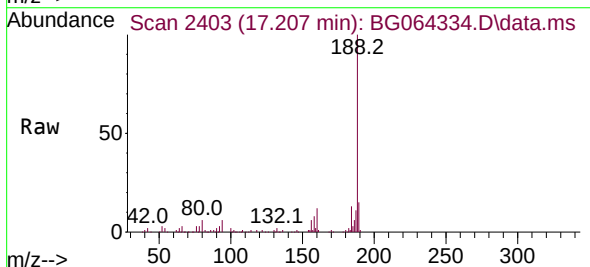
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

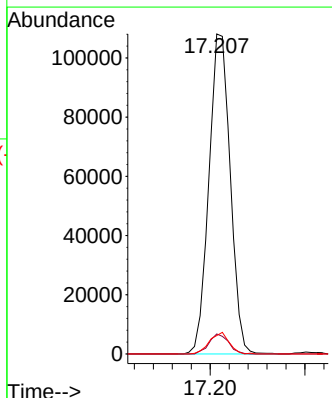
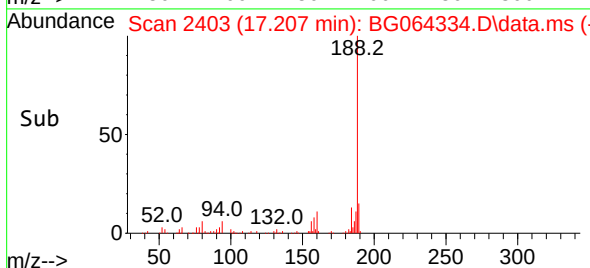
Supervised By :Jagrut Upadhyay 09/11/2025

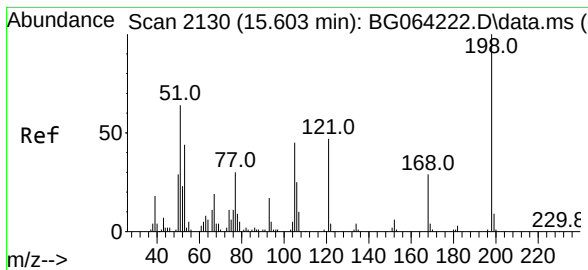


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:188 Resp: 169153
Ion Ratio Lower Upper
188 100
94 6.2 6.2 9.4#
80 5.7 6.8 10.2#





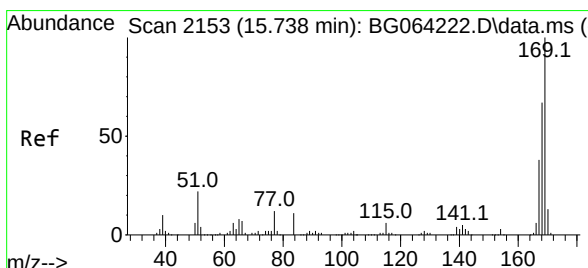
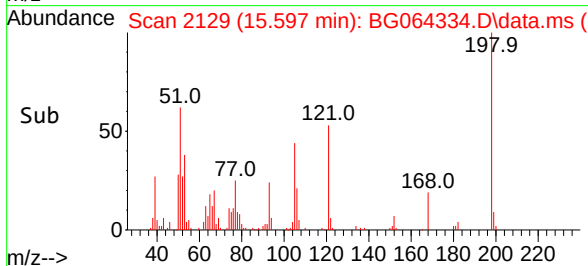
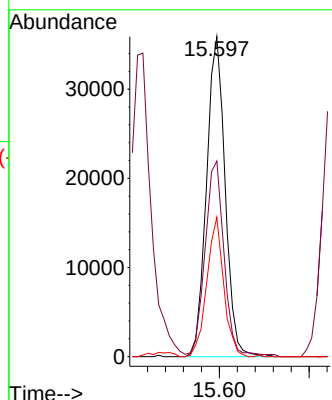
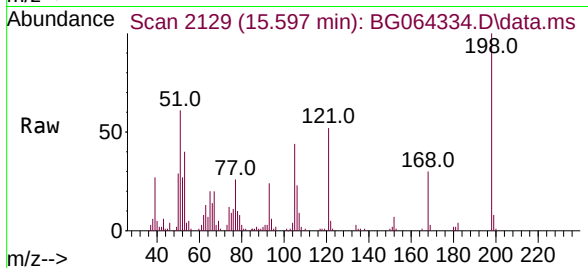
#65
4,6-Dinitro-2-methylphenol
Concen: 53.256 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Instrument :
BNA_G
ClientSampleId :
PB169633BS

Tgt Ion:198 Resp: 51720
Ion Ratio Lower Upper
198 100
51 61.1 46.2 86.2
105 43.5 25.0 65.0

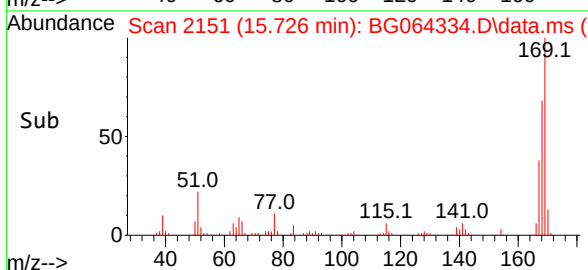
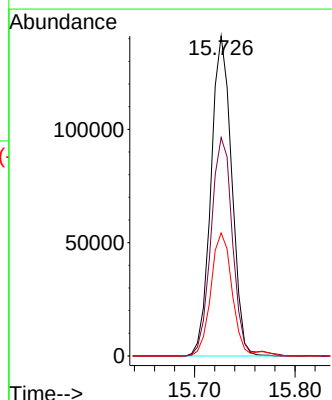
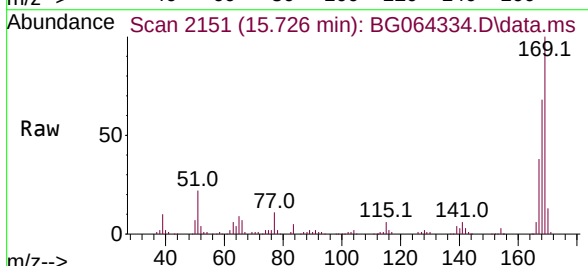
Manual Integrations
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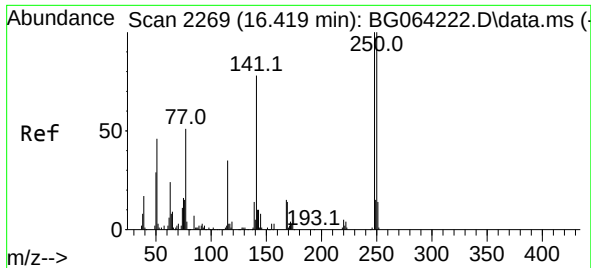
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 43.454 ng
RT: 15.726 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

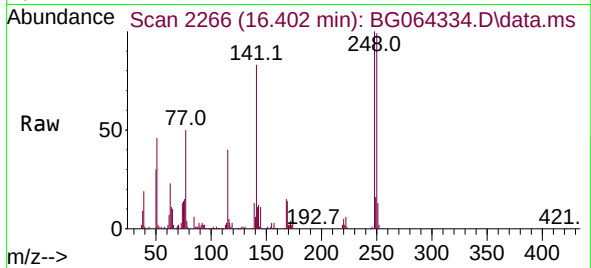
Tgt Ion:169 Resp: 202200
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.8
167 38.4 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 46.656 ng
RT: 16.402 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

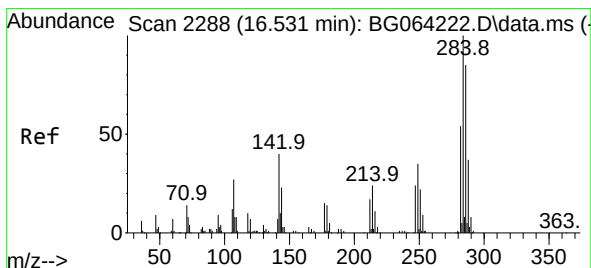
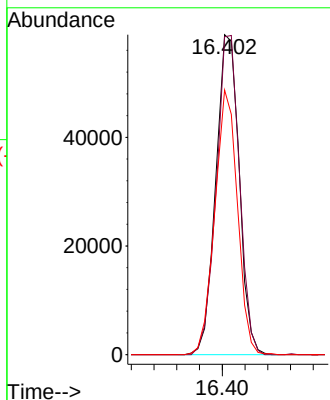
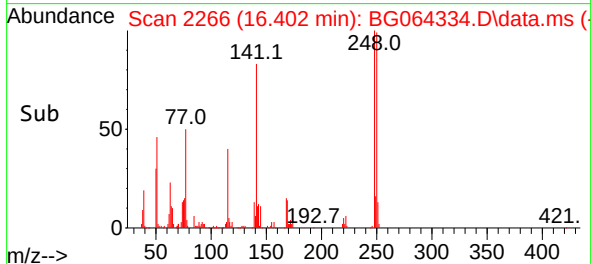
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:248 Resp: 83823
Ion Ratio Lower Upper
248 100
250 99.3 80.2 120.4
141 82.7 62.4 93.6

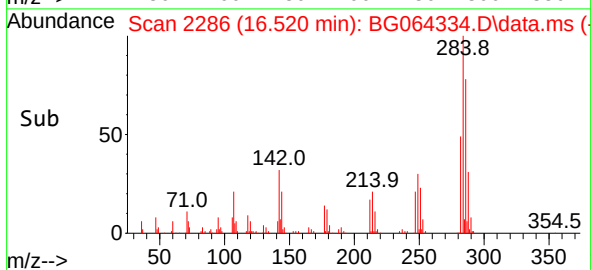
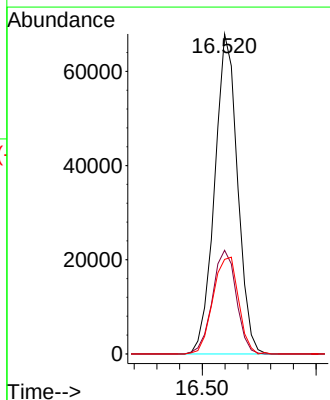
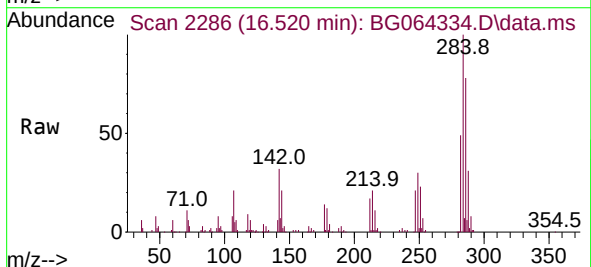
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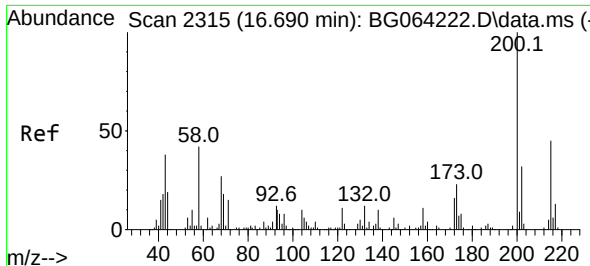
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#68
Hexachlorobenzene
Concen: 47.617 ng
RT: 16.520 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

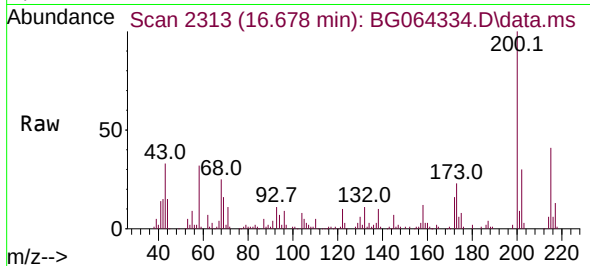
Tgt Ion:284 Resp: 95002
Ion Ratio Lower Upper
284 100
142 32.4 32.1 48.1
249 29.5 28.3 42.5





#69
 Atrazine
 Concen: 48.112 ng
 RT: 16.678 min Scan# 2313
 Delta R.T. -0.018 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

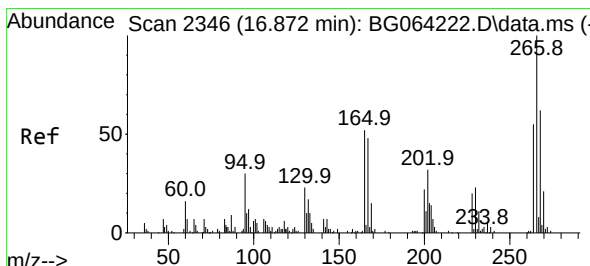
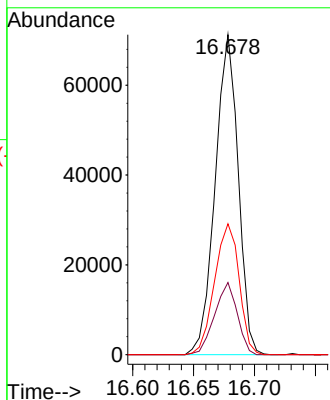
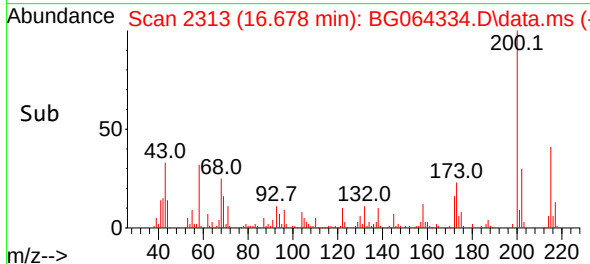
Instrument :
 BNA_G
 ClientSampleId :
 PB169633BS



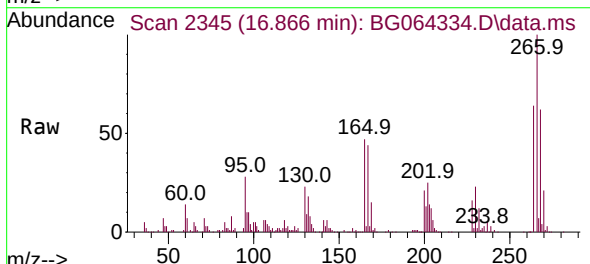
Tgt Ion:200 Resp: 93479
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.5 43.5
 215 40.9 24.8 64.8

Manual Integrations
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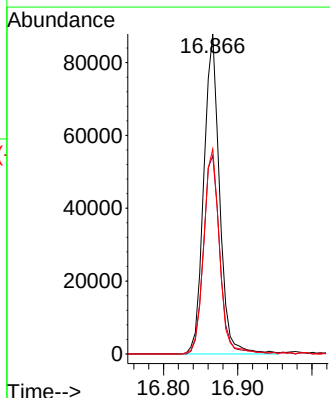
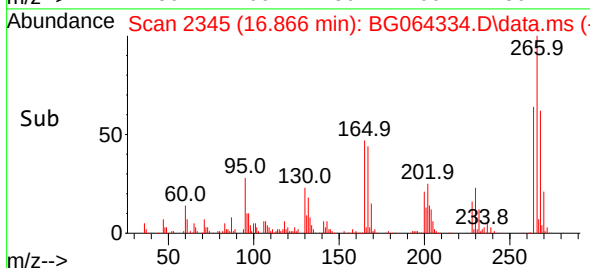
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

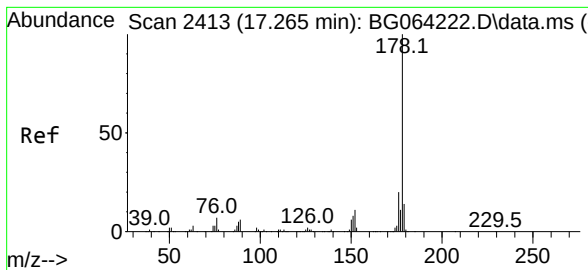


#70
 Pentachlorophenol
 Concen: 107.049 ng
 RT: 16.866 min Scan# 2345
 Delta R.T. -0.012 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00



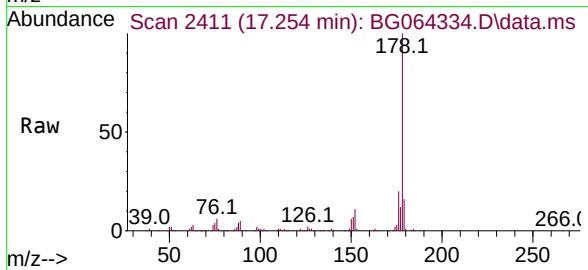
Tgt Ion:266 Resp: 129500
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.4 74.0
 264 64.0 44.3 66.5





#71
Phenanthrene
Concen: 44.377 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

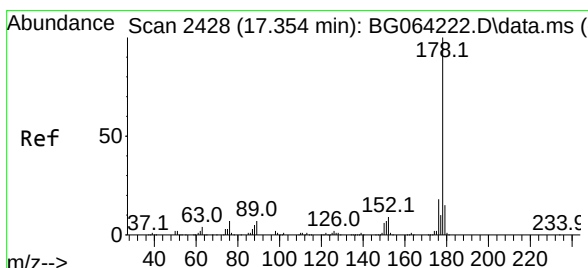
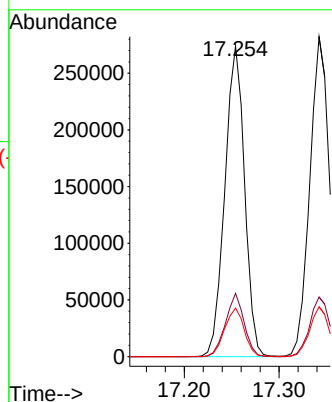
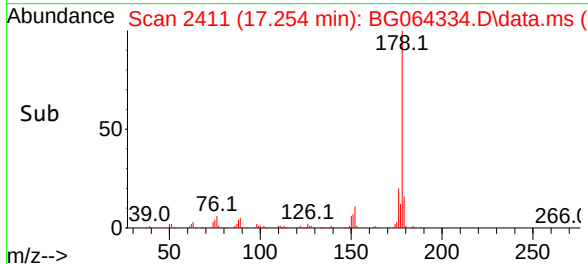
Instrument :
BNA_G
ClientSampleId :
PB169633BS



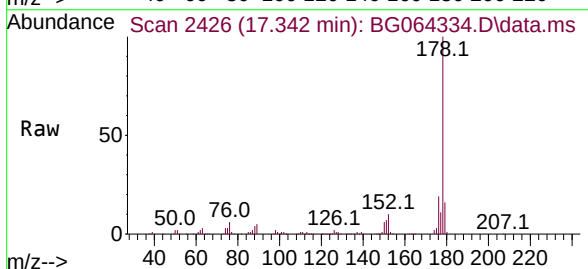
Tgt Ion:178 Resp: 395920
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.7 11.4 17.2

Manual Integrations
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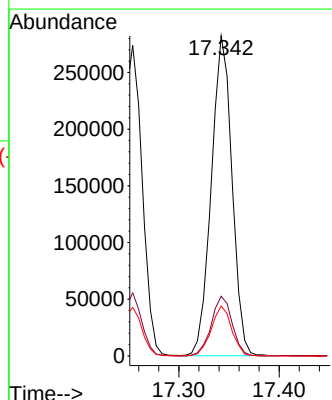
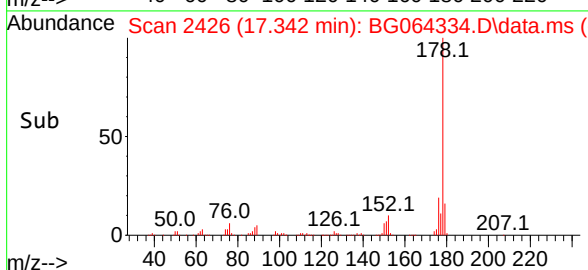
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

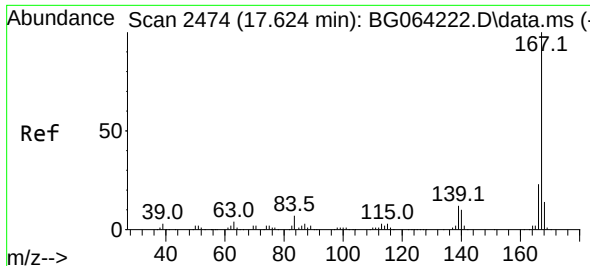


#72
Anthracene
Concen: 44.629 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



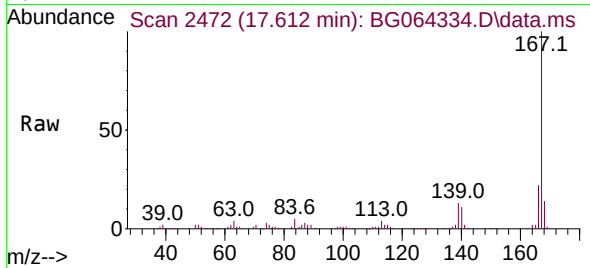
Tgt Ion:178 Resp: 405018
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.1 18.1





#73
 Carbazole
 Concen: 45.128 ng
 RT: 17.612 min Scan# 2474
 Delta R.T. -0.012 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

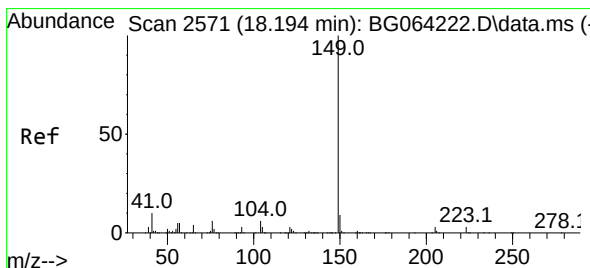
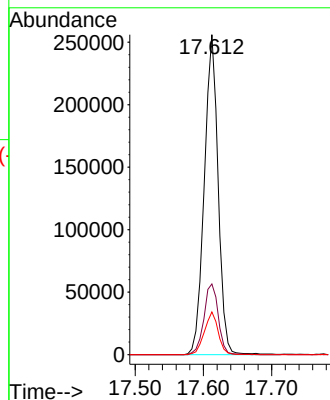
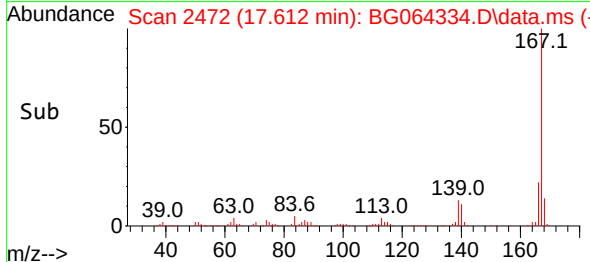
Instrument :
 BNA_G
 ClientSampleId :
 PB169633BS



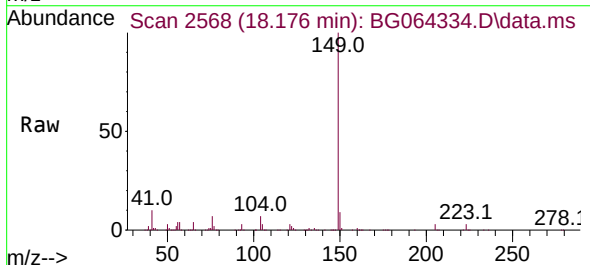
Tgt Ion:167 Resp: 360784
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.3 9.8 14.6

Manual Integrations
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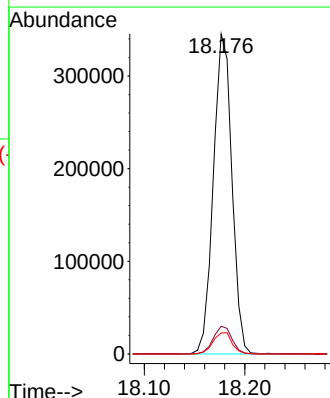
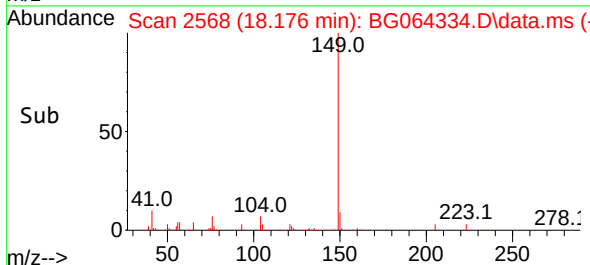
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

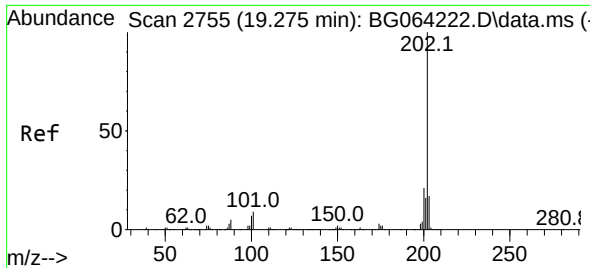


#74
 Di-n-butylphthalate
 Concen: 46.085 ng
 RT: 18.176 min Scan# 2568
 Delta R.T. -0.018 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00



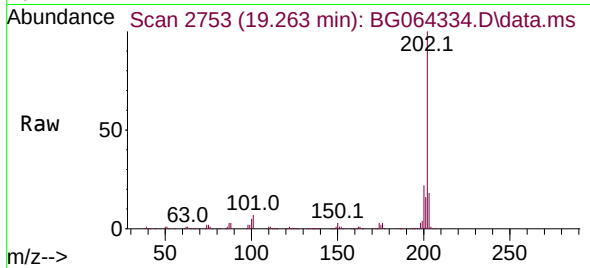
Tgt Ion:149 Resp: 442645
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 46.746 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

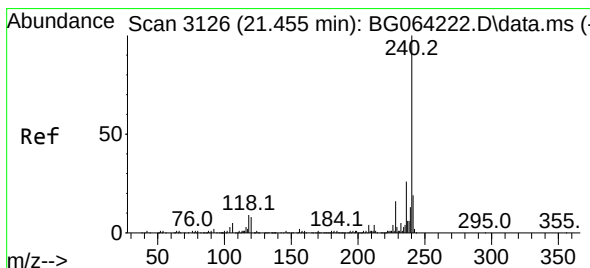
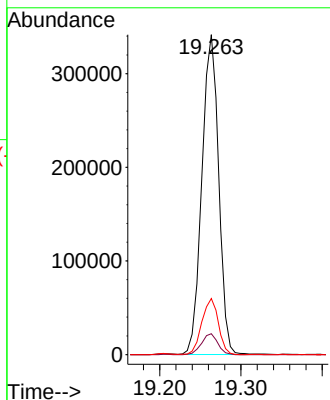
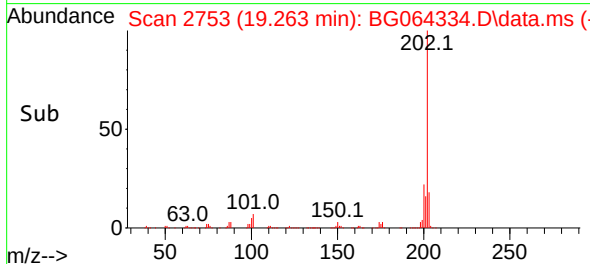
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:202 Resp: 490375
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.5 0.0 36.9

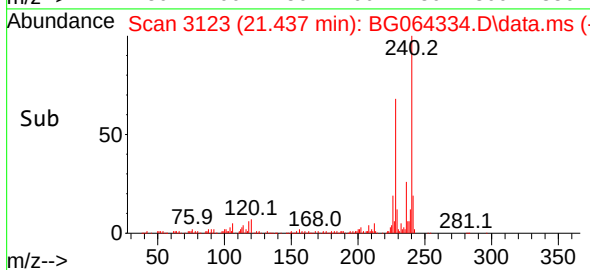
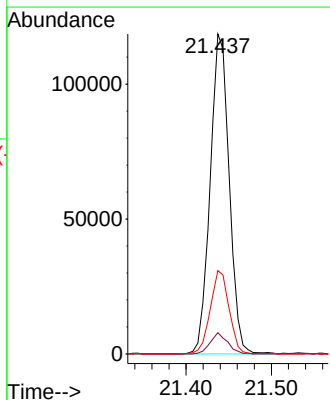
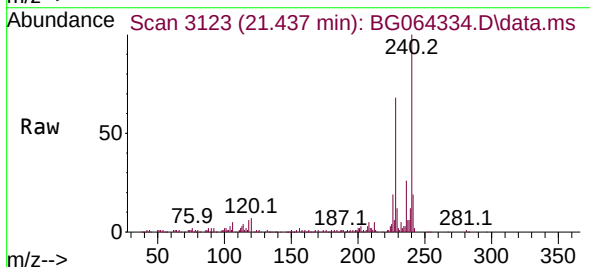
Manual Integrations
APPROVED

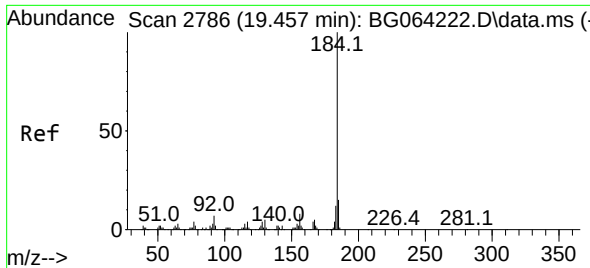
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

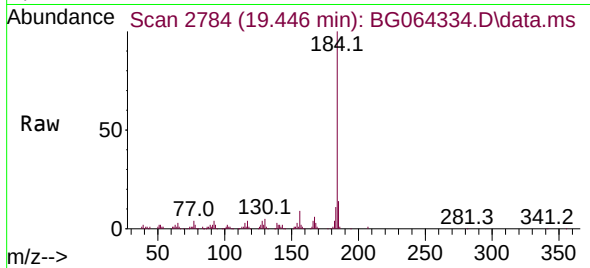
Tgt Ion:240 Resp: 183481
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.4
236 26.1 20.5 30.7





#77
Benzidine
Concen: 40.069 ng
RT: 19.446 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

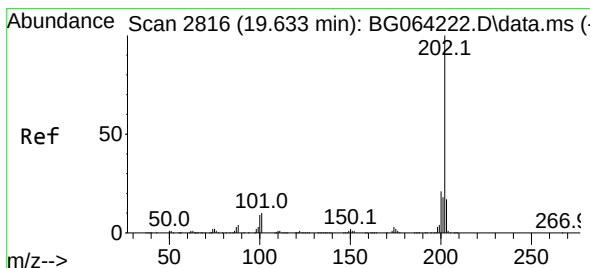
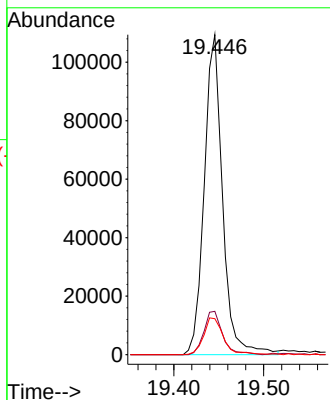
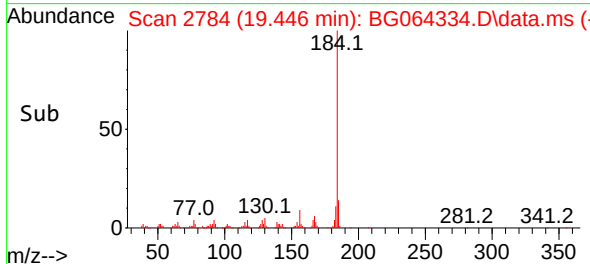
Instrument :
BNA_G
ClientSampleId :
PB169633BS



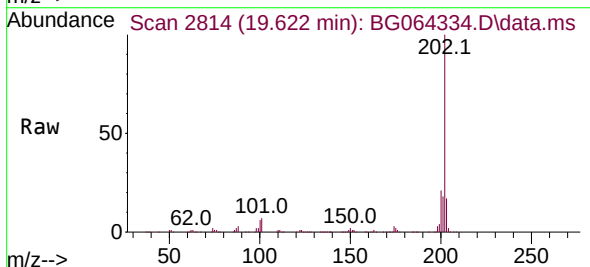
Tgt Ion:184 Resp: 154652
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 11.2 9.7 14.5

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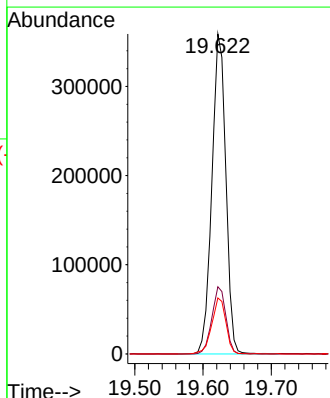
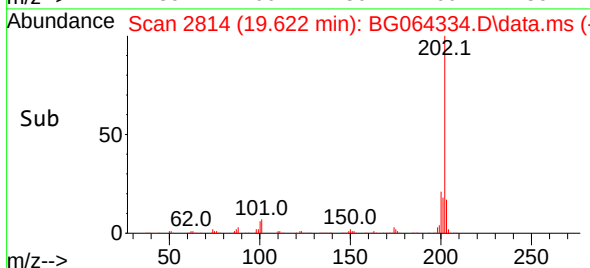
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

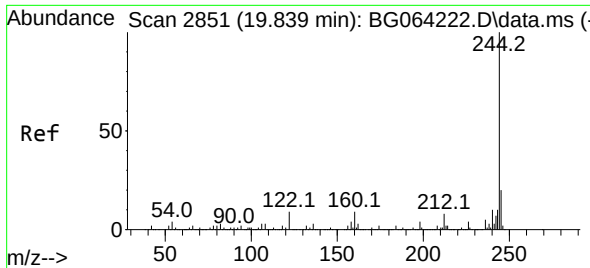


#78
Pyrene
Concen: 43.829 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



Tgt Ion:202 Resp: 506648
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 13.8 20.8





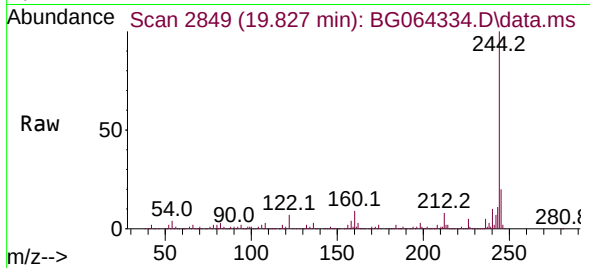
#79
 Terphenyl-d14
 Concen: 90.119 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.018 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

Instrument :

BNA_G

ClientSampleId :

PB169633BS



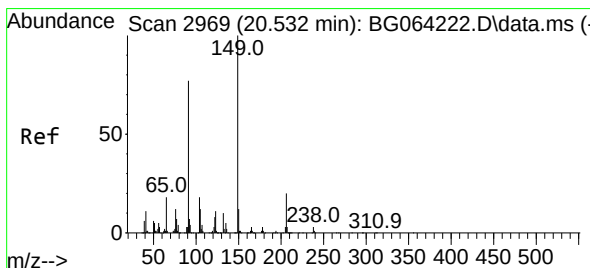
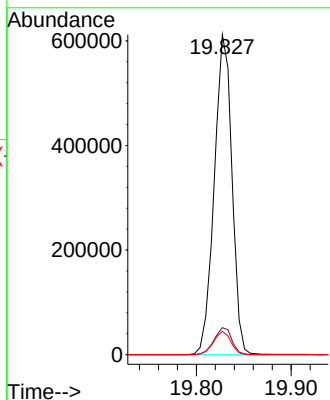
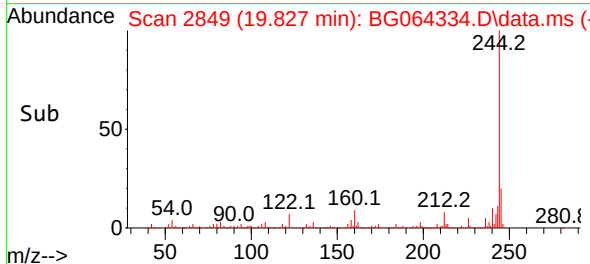
Tgt Ion:244 Resp: 792538
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 7.3 7.0 10.6

Manual Integrations

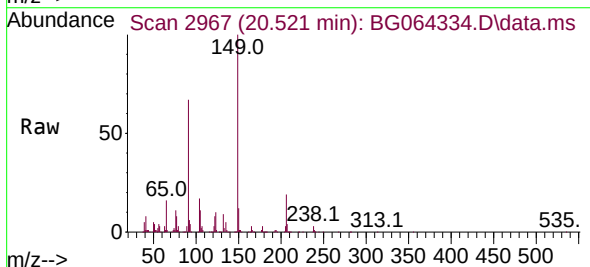
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

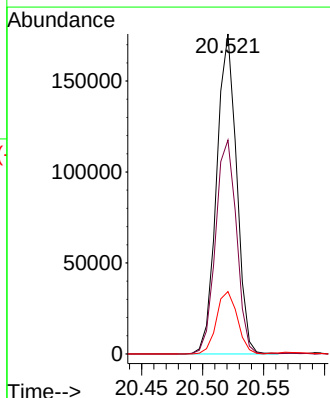
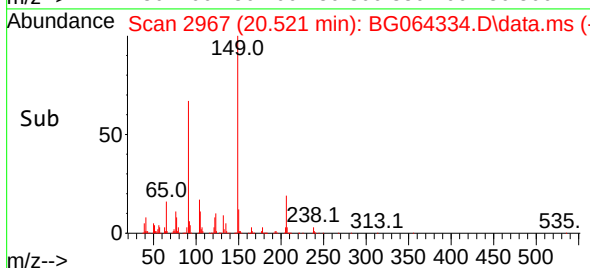
Supervised By :Jagrut Upadhyay 09/11/2025

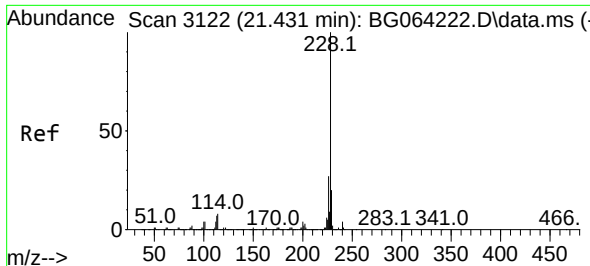


#80
 Butylbenzylphthalate
 Concen: 45.867 ng
 RT: 20.521 min Scan# 2967
 Delta R.T. -0.012 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00



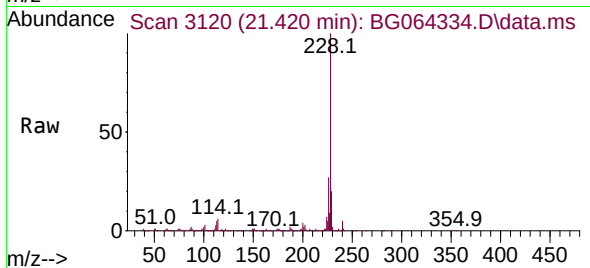
Tgt Ion:149 Resp: 199979
 Ion Ratio Lower Upper
 149 100
 91 66.8 61.4 92.0
 206 19.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 45.132 ng
RT: 21.420 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

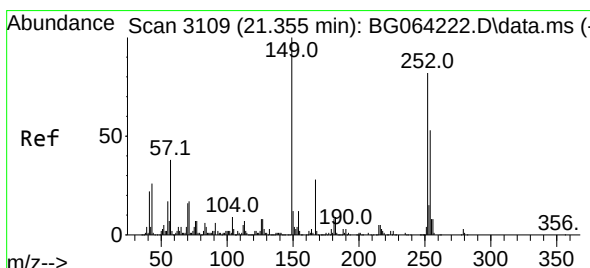
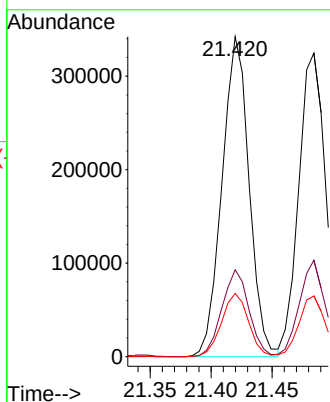
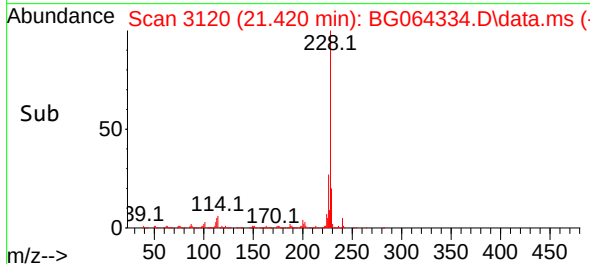
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:228 Resp: 529773
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.9 23.9

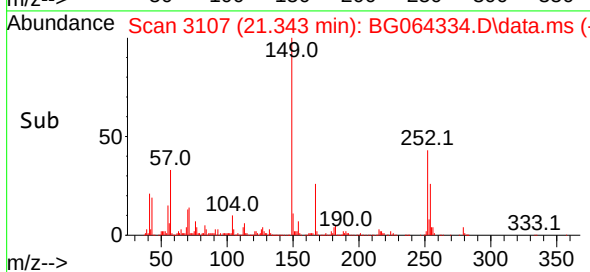
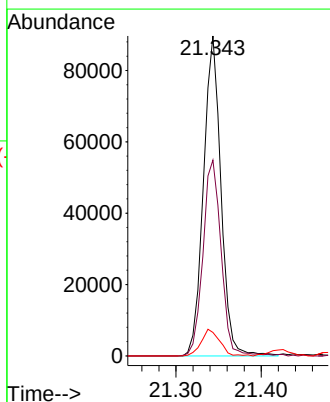
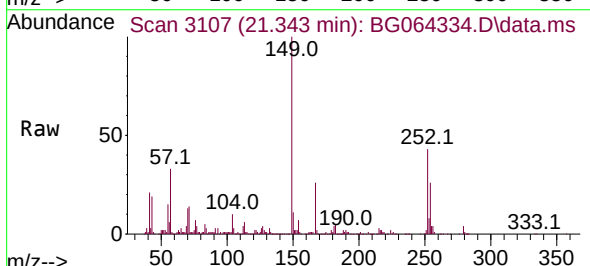
Manual Integrations
APPROVED

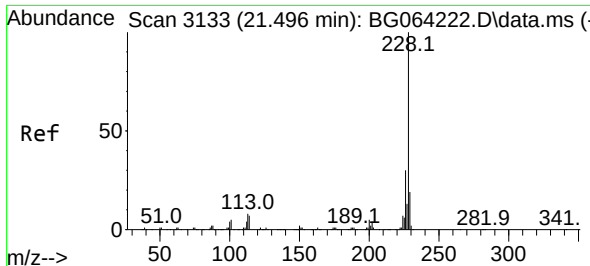
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.530 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

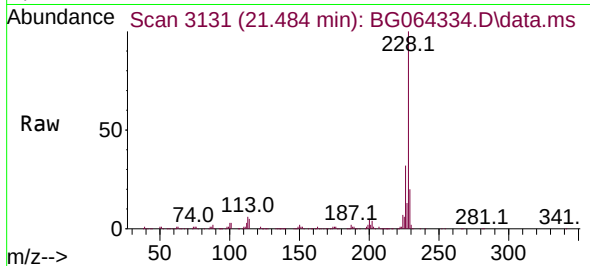
Tgt Ion:252 Resp: 128182
Ion Ratio Lower Upper
252 100
254 61.2 51.9 77.9
126 7.3 7.6 11.4





#83
Chrysene
Concen: 44.073 ng
RT: 21.484 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

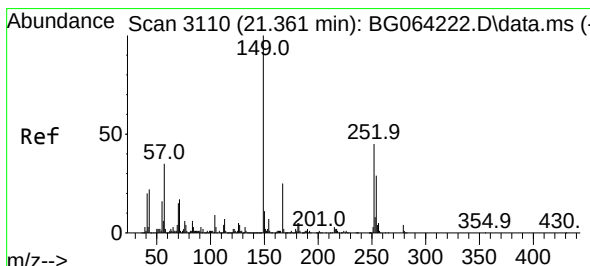
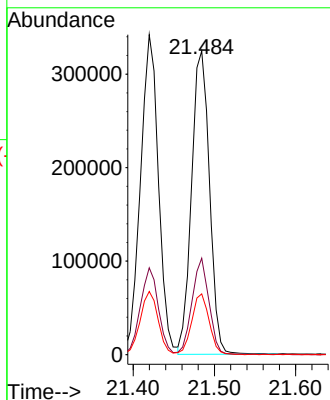
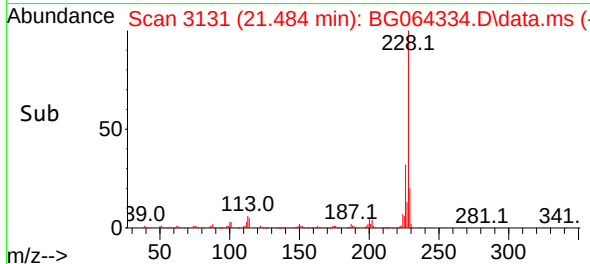
Instrument :
BNA_G
ClientSampleId :
PB169633BS



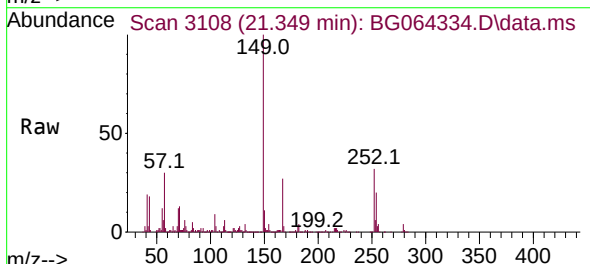
Tgt Ion:228 Resp: 496668
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.2
229 20.0 15.4 23.2

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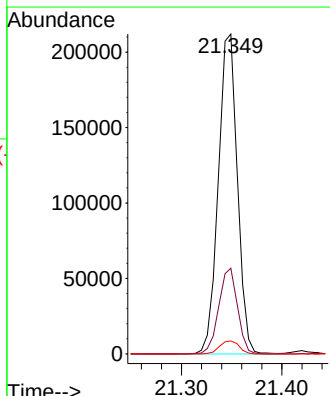
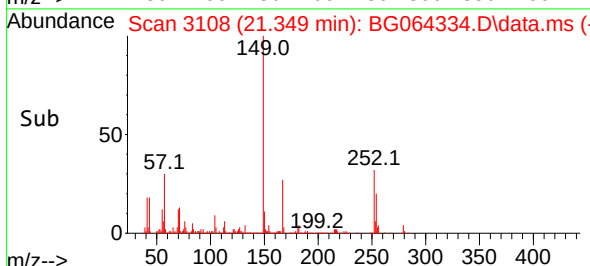
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

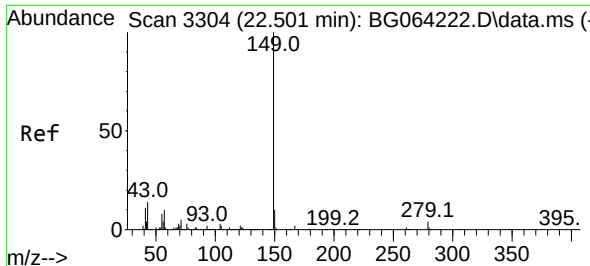


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.847 ng
RT: 21.349 min Scan# 3108
Delta R.T. -0.018 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00



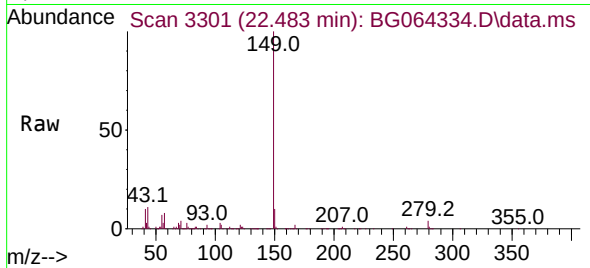
Tgt Ion:149 Resp: 280471
Ion Ratio Lower Upper
149 100
167 26.8 20.0 30.0
279 4.0 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.099 ng
RT: 22.483 min Scan# 3304
Delta R.T. -0.024 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

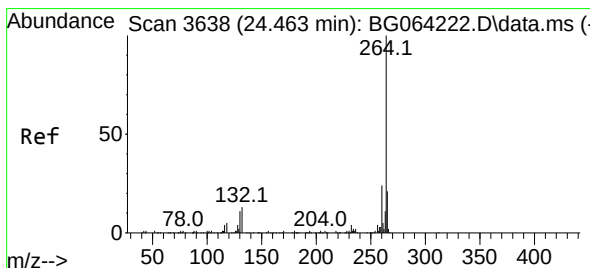
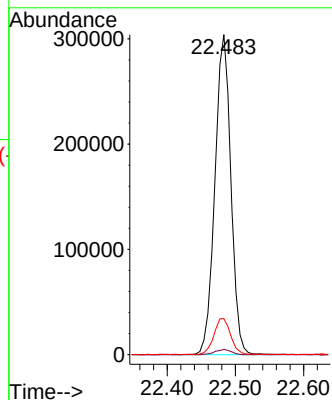
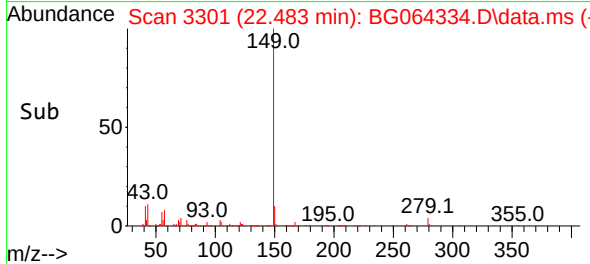
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:149 Resp: 491571
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 10.8 16.2

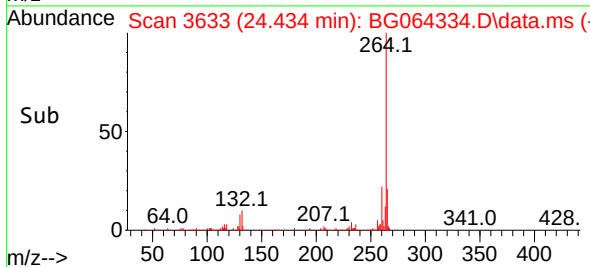
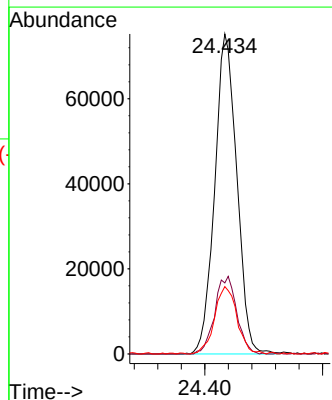
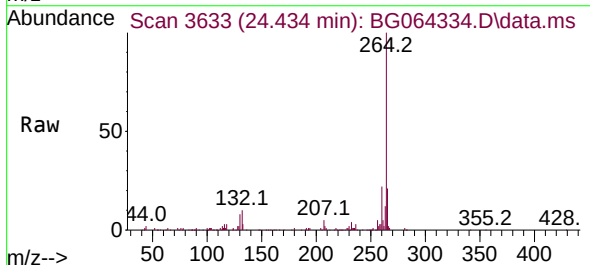
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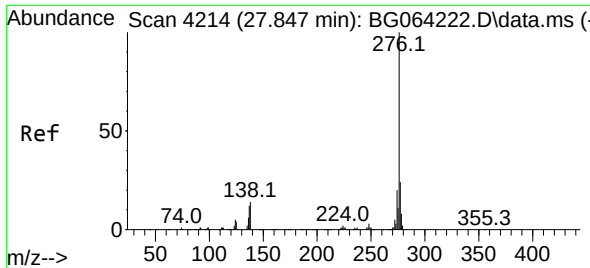
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.434 min Scan# 3633
Delta R.T. -0.029 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:264 Resp: 195725
Ion Ratio Lower Upper
264 100
260 22.2 18.9 28.3
265 21.0 16.7 25.1





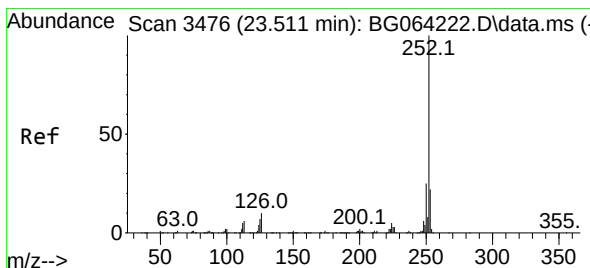
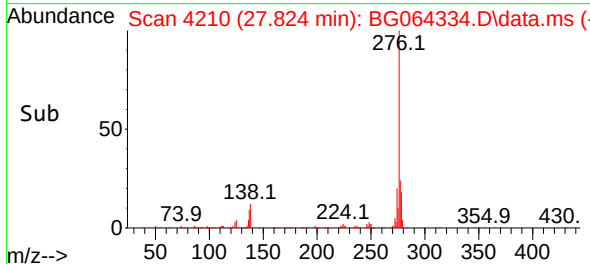
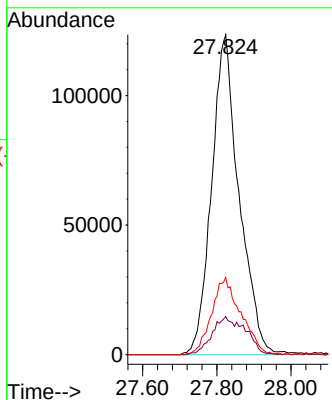
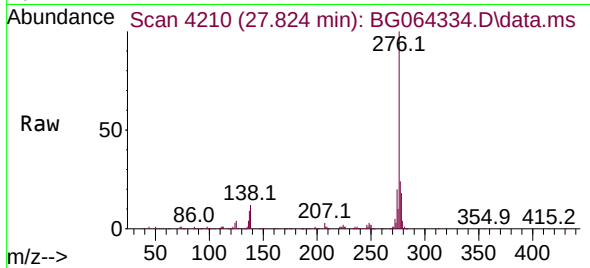
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.411 ng
 RT: 27.824 min Scan# 4210
 Delta R.T. -0.047 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB169633BS

Tgt Ion:276 Resp: 633706
 Ion Ratio Lower Upper
 276 100
 138 9.0 7.4 11.0
 277 25.7 20.5 30.7

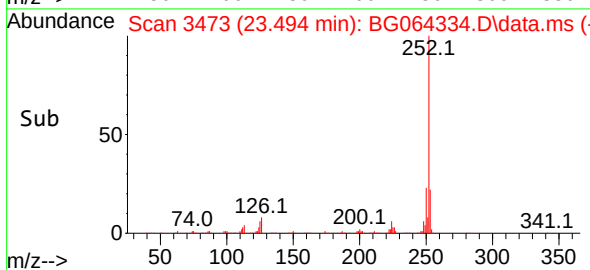
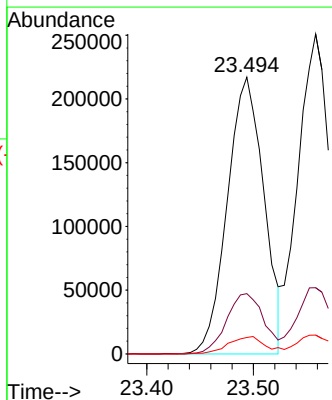
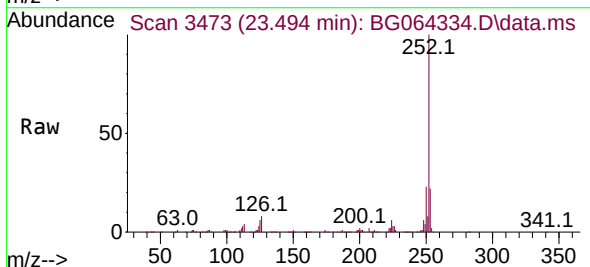
Manual Integrations
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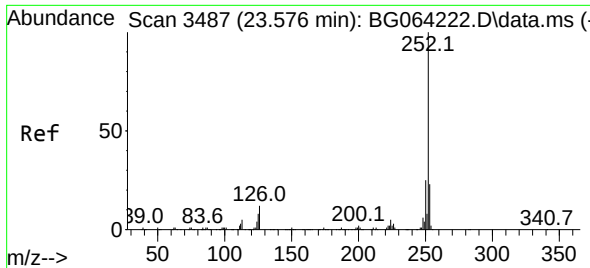
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#88
 Benzo(b)fluoranthene
 Concen: 46.763 ng
 RT: 23.494 min Scan# 3473
 Delta R.T. -0.024 min
 Lab File: BG064334.D
 Acq: 10 Sep 2025 16:00

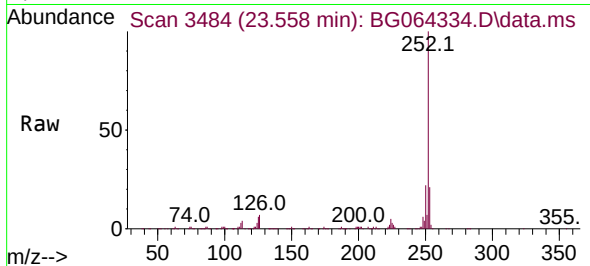
Tgt Ion:252 Resp: 516568
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 6.0 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 47.065 ng
RT: 23.558 min Scan# 3487
Delta R.T. -0.029 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

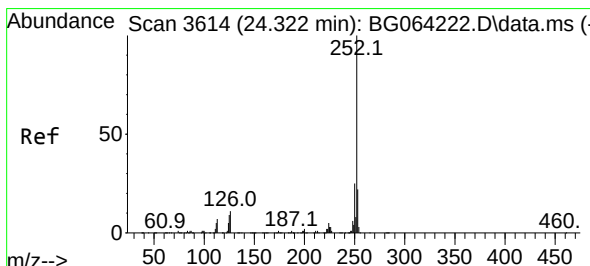
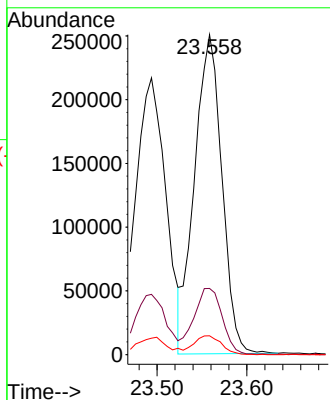
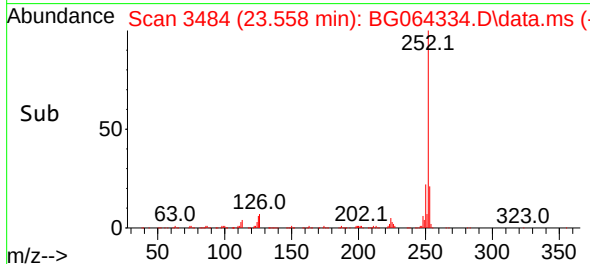
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:252 Resp: 529668
Ion Ratio Lower Upper
252 100
253 20.7 18.2 27.4
125 5.9 7.0 10.4

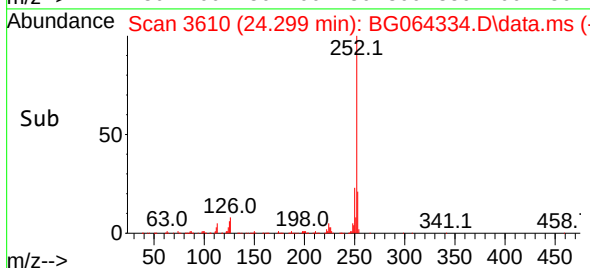
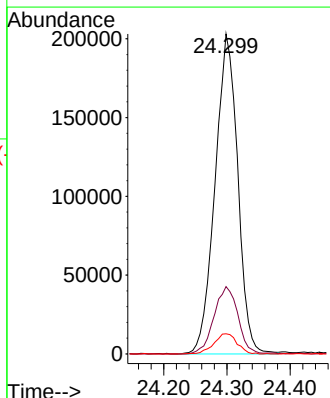
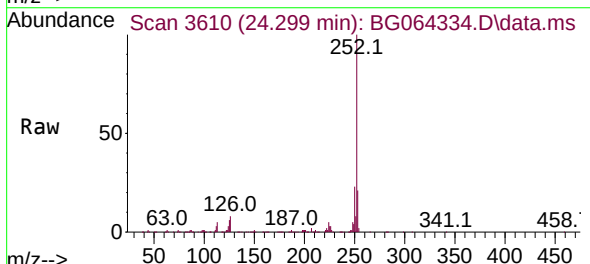
Manual Integrations
APPROVED

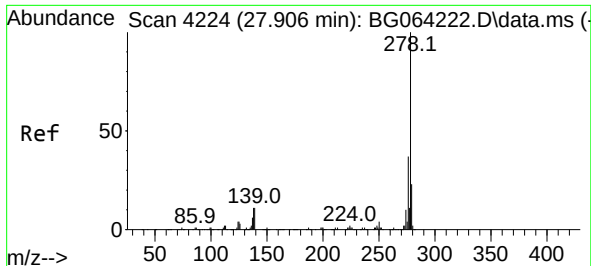
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#90
Benzo(a)pyrene
Concen: 49.247 ng
RT: 24.299 min Scan# 3610
Delta R.T. -0.029 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

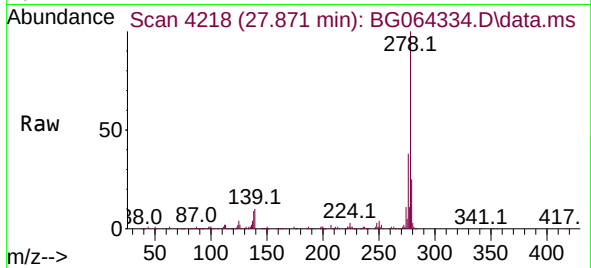
Tgt Ion:252 Resp: 506044
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 6.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 48.498 ng
RT: 27.871 min Scan# 41
Delta R.T. -0.053 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

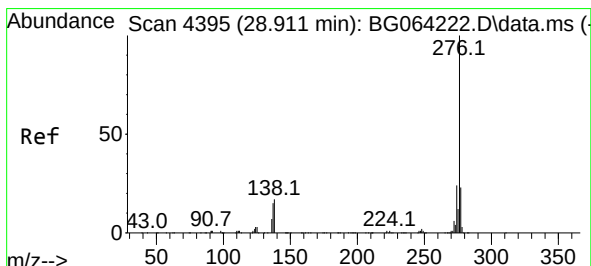
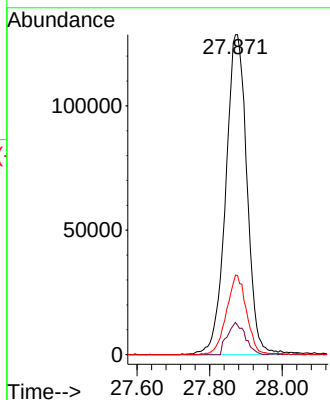
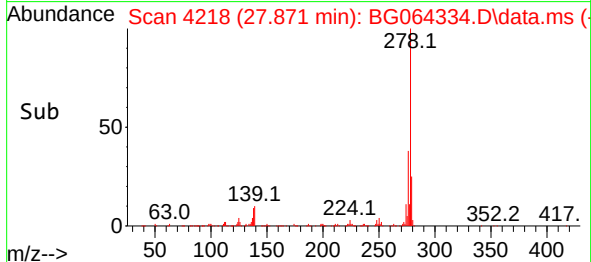
Instrument :
BNA_G
ClientSampleId :
PB169633BS



Tgt Ion:278 Resp: 520478
Ion Ratio Lower Upper
278 100
139 10.1 9.0 13.4
279 24.9 18.8 28.2

Manual Integrations
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Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#92
Benzo(g,h,i)perylene
Concen: 48.841 ng
RT: 28.876 min Scan# 4389
Delta R.T. -0.059 min
Lab File: BG064334.D
Acq: 10 Sep 2025 16:00

Tgt Ion:276 Resp: 510039
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 11.8 13.3 19.9#

