

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064332.D
 Acq On : 10 Sep 2025 14:39
 Operator : RC/JU
 Sample : PB169566BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169566BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 15:20:41 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	7.846	152	22696	20.000	ng	-0.01
21) Naphthalene-d8	10.631	136	93972	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	68433	20.000	ng	-0.01
64) Phenanthrene-d10	17.212	188	170264	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	183977	20.000	ng	#-0.01
86) Perylene-d12	24.438	264	196411	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	160235	126.664	ng	0.00
7) Phenol-d6	7.018	99	212808	122.448	ng	-0.01
23) Nitrobenzene-d5	8.998	82	151602	89.973	ng	-0.02
42) 2,4,6-Tribromophenol	15.960	330	144187	159.072	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	384302	85.716	ng	-0.02
79) Terphenyl-d14	19.826	244	795618	90.225	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	17258	32.730	ng	91
3) Pyridine	3.733	79	44664	28.776	ng	# 64
4) n-Nitrosodimethylamine	3.651	42	45866	44.676	ng	# 97
6) Aniline	7.170	93	77270	32.151	ng	96
8) 2-Chlorophenol	7.411	128	68324	44.198	ng	98
9) Benzaldehyde	6.982	77	28523	19.943	ng	99
10) Phenol	7.047	94	81268	42.413	ng	88
11) bis(2-Chloroethyl)ether	7.270	93	53278	37.002	ng	98
12) 1,3-Dichlorobenzene	7.735	146	70144	42.652	ng	96
13) 1,4-Dichlorobenzene	7.881	146	73760	44.441	ng	98
14) 1,2-Dichlorobenzene	8.199	146	70151	43.793	ng	94
15) Benzyl Alcohol	8.081	79	69060	43.060	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.363	45	98657	30.011	ng	99
17) 2-Methylphenol	8.287	107	57293	40.120	ng	94
18) Hexachloroethane	8.921	117	28975	44.723	ng	89
19) n-Nitroso-di-n-propyla...	8.651	70	49866	37.490	ng	98
20) 3+4-Methylphenols	8.616	107	78818	39.721	ng	96
22) Acetophenone	8.663	105	102551	43.136	ng	# 94
24) Nitrobenzene	9.039	77	77826	44.207	ng	99
25) Isophorone	9.562	82	141763	40.481	ng	98
26) 2-Nitrophenol	9.750	139	36272	47.683	ng	# 74
27) 2,4-Dimethylphenol	9.814	122	66337	49.670	ng	93
28) bis(2-Chloroethoxy)met...	10.044	93	74816	39.621	ng	94
29) 2,4-Dichlorophenol	10.279	162	68958	48.935	ng	97
30) 1,2,4-Trichlorobenzene	10.496	180	74991	50.471	ng	98
31) Naphthalene	10.684	128	211320	43.366	ng	97
32) Benzoic acid	9.967	122	49521	46.711	ng	90
33) 4-Chloroaniline	10.790	127	53605	28.382	ng	90
34) Hexachlorobutadiene	10.972	225	57581	52.427	ng	92
35) Caprolactam	11.554	113	23999m	43.983	ng	
36) 4-Chloro-3-methylphenol	11.918	107	82997	45.395	ng	98
37) 2-Methylnaphthalene	12.288	142	144427	39.874	ng	95
38) 1-Methylnaphthalene	12.511	142	153836	42.999	ng	99
40) 1,2,4,5-Tetrachloroben...	12.664	216	96505	48.876	ng	98
41) Hexachlorocyclopentadiene	12.646	237	140546	149.769	ng	92
43) 2,4,6-Trichlorophenol	12.905	196	64902	49.178	ng	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064332.D
 Acq On : 10 Sep 2025 14:39
 Operator : RC/JU
 Sample : PB169566BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169566BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 15:20:41 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)
44) 2,4,5-Trichlorophenol	12.975	196	71551	49.980	ng	# 93
46) 1,1'-Biphenyl	13.304	154	222153	44.571	ng	97
47) 2-Chloronaphthalene	13.346	162	162950	43.486	ng	99
48) 2-Nitroaniline	13.545	65	63669	49.852	ng	92
49) Acenaphthylene	14.192	152	279750	50.504	ng	96
50) Dimethylphthalate	13.933	163	234447	45.262	ng	98
51) 2,6-Dinitrotoluene	14.045	165	50445	50.305	ng	98
52) Acenaphthene	14.532	154	170385	43.588	ng	98
53) 3-Nitroaniline	14.374	138	37568	35.765	ng	96
54) 2,4-Dinitrophenol	14.585	184	70898	106.221	ng	# 84
55) Dibenzofuran	14.867	168	279041	45.383	ng	99
56) 4-Nitrophenol	14.691	139	83133	96.482	ng	# 84
57) 2,4-Dinitrotoluene	14.832	165	77867	51.356	ng	96
58) Fluorene	15.520	166	234869	46.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.096	232	73214	53.172	ng	97
60) Diethylphthalate	15.296	149	256186	46.214	ng	99
61) 4-Chlorophenyl-phenyle...	15.514	204	120779	48.069	ng	99
62) 4-Nitroaniline	15.537	138	53880	50.269	ng	90
63) Azobenzene	15.807	77	215269	43.569	ng	94
65) 4,6-Dinitro-2-methylph...	15.596	198	53177	54.399	ng	90
66) n-Nitrosodiphenylamine	15.725	169	209667	44.764	ng	98
67) 4-Bromophenyl-phenylether	16.407	248	86403	47.778	ng	99
68) Hexachlorobenzene	16.524	284	93266	46.442	ng	95
69) Atrazine	16.677	200	95321	48.740	ng	97
70) Pentachlorophenol	16.865	266	132714	108.990	ng	95
71) Phenanthrene	17.253	178	399538	44.491	ng	99
72) Anthracene	17.341	178	409040	44.778	ng	99
73) Carbazole	17.611	167	364043	45.238	ng	97
74) Di-n-butylphthalate	18.181	149	449377	46.480	ng	99
75) Fluoranthene	19.262	202	499067	47.264	ng	97
77) Benzidine	19.444	184	156830	40.522	ng	99
78) Pyrene	19.626	202	515436	44.469	ng	100
80) Butylbenzylphthalate	20.520	149	201264	46.037	ng	95
81) Benzo(a)anthracene	21.418	228	537093	45.632	ng	99
82) 3,3'-Dichlorobenzidine	21.342	252	128708	33.577	ng	# 97
83) Chrysene	21.483	228	497502	44.028	ng	100
84) Bis(2-ethylhexyl)phtha...	21.348	149	289319	44.080	ng	99
85) Di-n-octyl phthalate	22.482	149	493928	43.189	ng	97
87) Indeno(1,2,3-cd)pyrene	27.823	276	638201	47.580	ng	# 98
88) Benzo(b)fluoranthene	23.493	252	521742	47.067	ng	# 98
89) Benzo(k)fluoranthene	23.557	252	535711	47.436	ng	# 96
90) Benzo(a)pyrene	24.297	252	510903	49.546	ng	# 98
91) Dibenzo(a,h)anthracene	27.876	278	521595	48.432	ng	98
92) Benzo(g,h,i)perylene	28.869	276	516434	49.281	ng	# 94

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

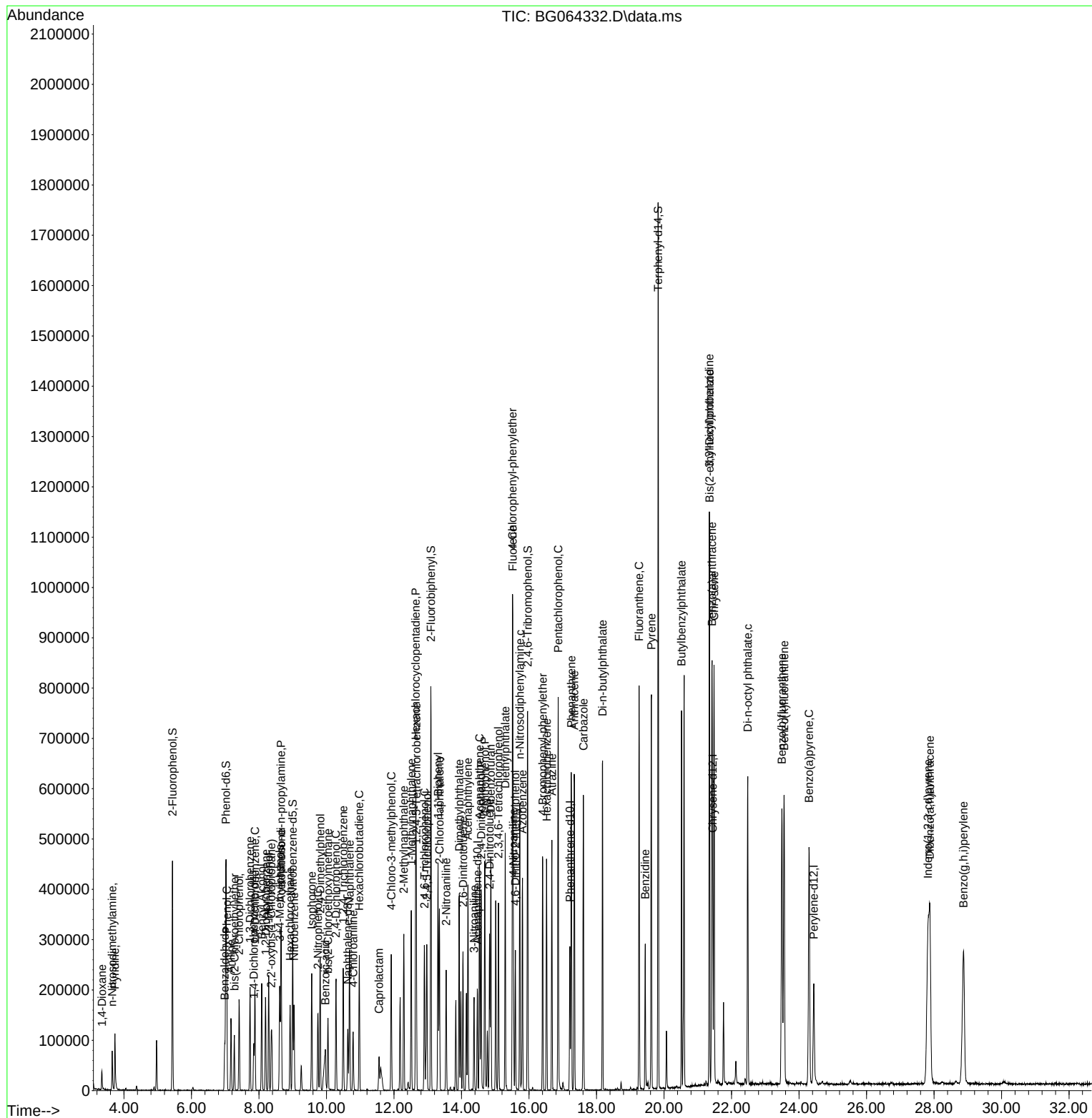
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064332.D
 Acq On : 10 Sep 2025 14:39
 Operator : RC/JU
 Sample : PB169566BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

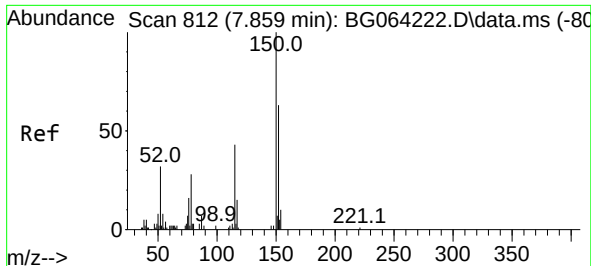
Instrument :
 BNA_G
 ClientSampleId :
 PB169566BS

Manual Integrations APPROVED

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

Quant Time: Sep 10 15:20:41 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





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

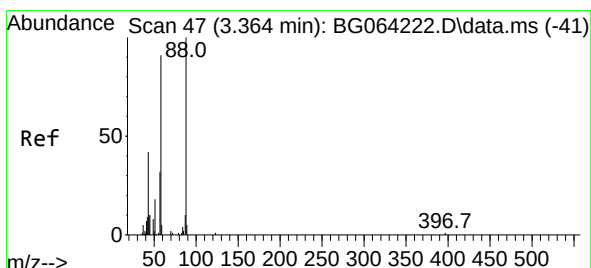
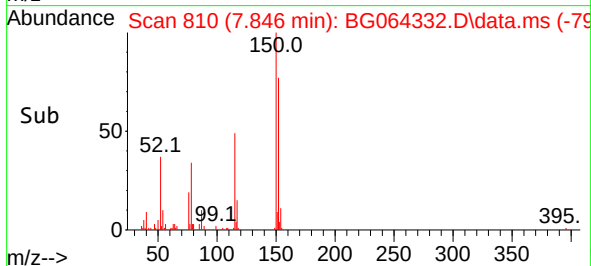
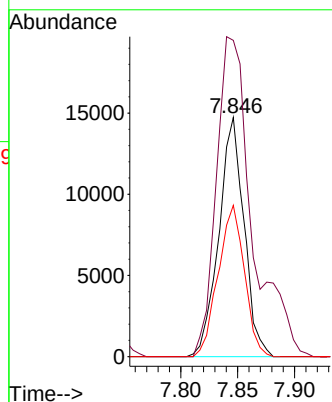
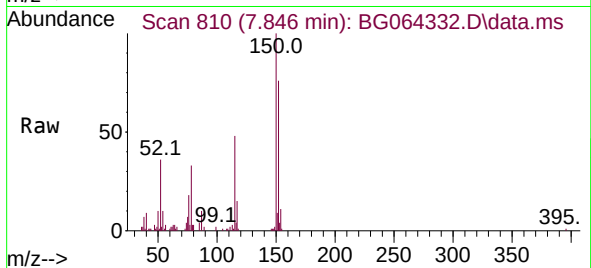
PB169566BS

Tgt Ion:152 Resp: 22696
 Ion Ratio Lower Upper
 152 100
 150 132.2 128.0 192.0
 115 63.3 55.7 83.5

Manual Integrations

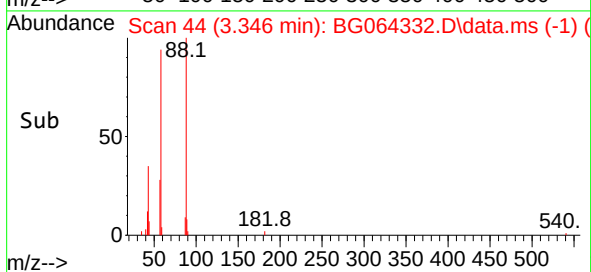
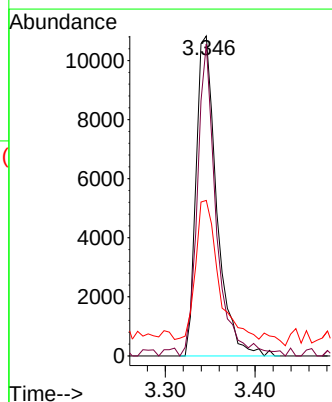
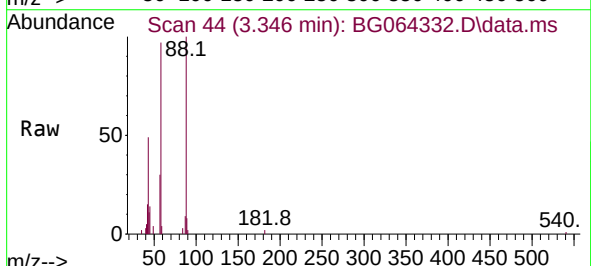
APPROVED

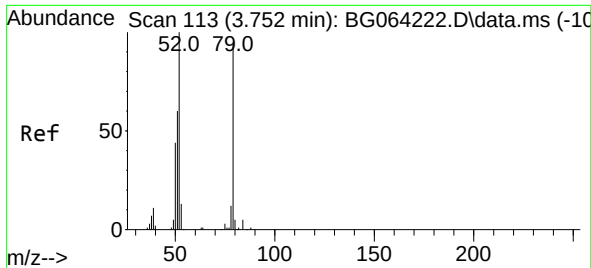
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#2
 1,4-Dioxane
 Concen: 32.730 ng
 RT: 3.346 min Scan# 44
 Delta R.T. -0.013 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39

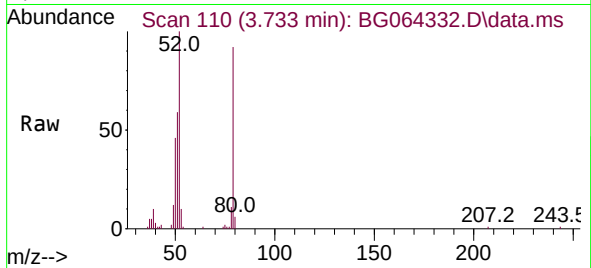
Tgt Ion: 88 Resp: 17258
 Ion Ratio Lower Upper
 88 100
 58 89.6 80.8 121.2
 43 47.0 40.3 60.5





#3
Pyridine
Concen: 28.776 ng
RT: 3.733 min Scan# 113
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

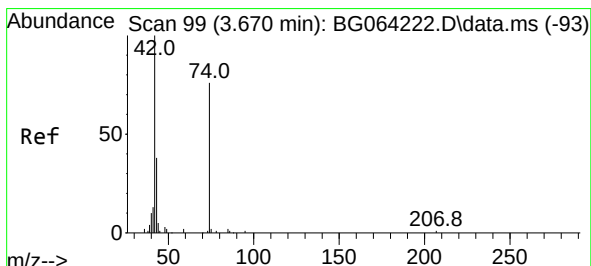
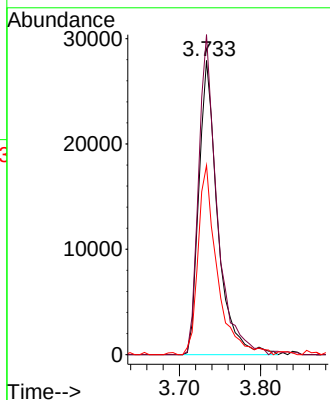
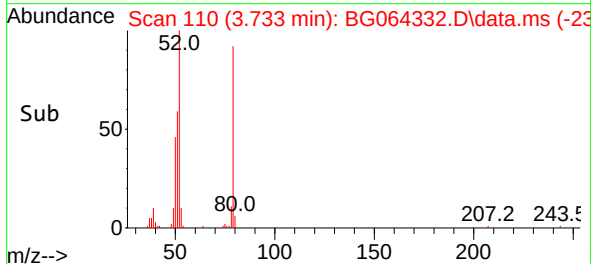
Instrument :
BNA_G
ClientSampleId :
PB169566BS



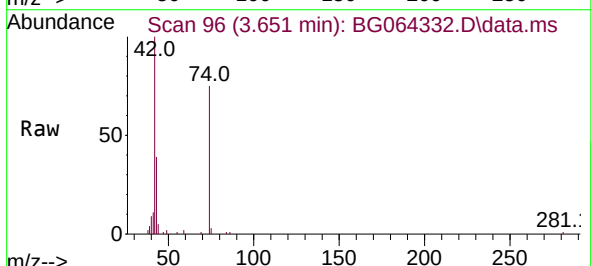
Tgt Ion: 79 Resp: 44664
Ion Ratio Lower Upper
79 100
52 108.8 86.6 129.8
51 64.3 114.1 171.1

Manual Integrations
APPROVED

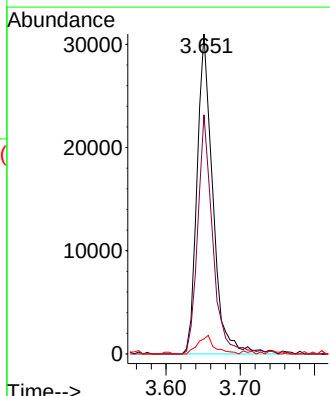
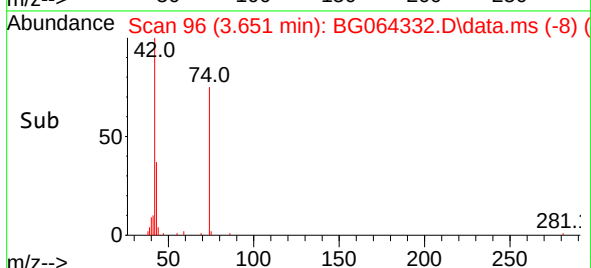
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

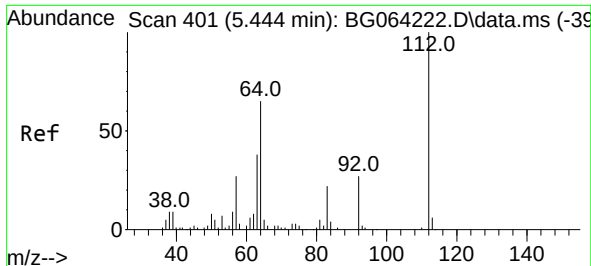


#4
n-Nitrosodimethylamine
Concen: 44.676 ng
RT: 3.651 min Scan# 96
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion: 42 Resp: 45866
Ion Ratio Lower Upper
42 100
74 74.7 58.0 87.0
44 4.7 5.5 8.3





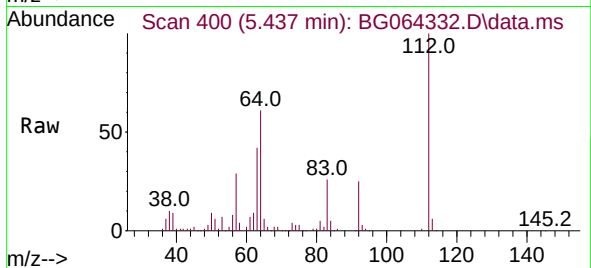
#5
2-Fluorophenol
Concen: 126.664 ng
RT: 5.437 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

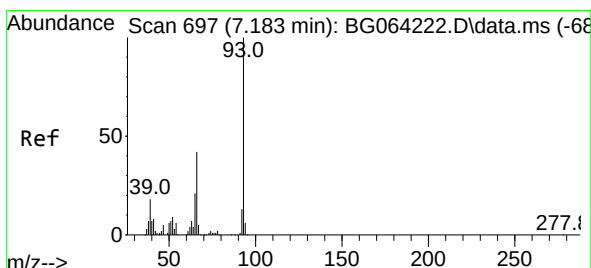
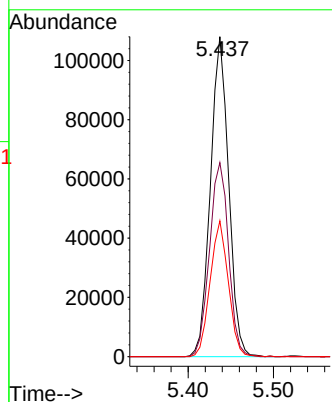
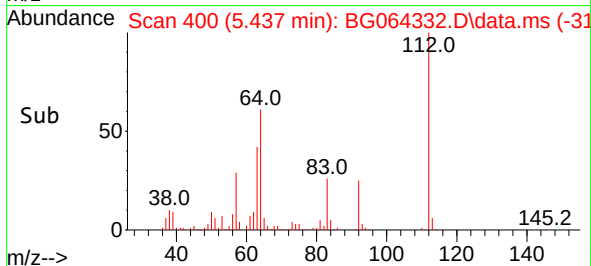


Tgt Ion:112 Resp: 160235
Ion Ratio Lower Upper
112 100
64 60.6 51.8 77.6
63 42.4 30.6 45.8

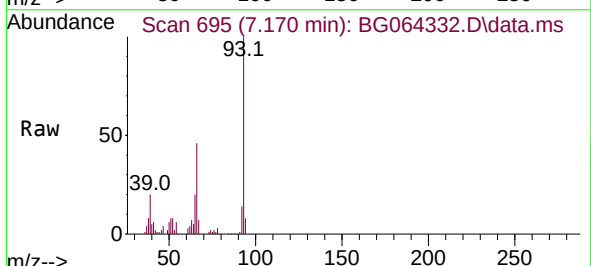
Manual Integrations

APPROVED

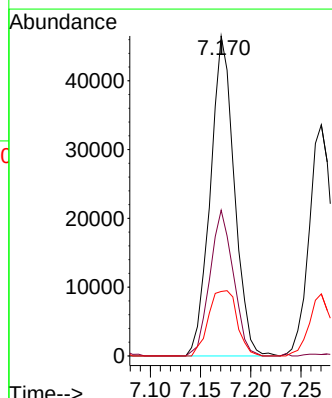
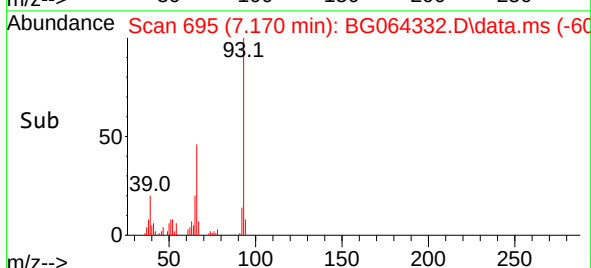
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

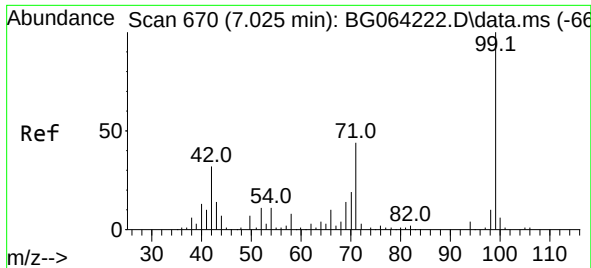


#6
Aniline
Concen: 32.151 ng
RT: 7.170 min Scan# 695
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion: 93 Resp: 77270
Ion Ratio Lower Upper
93 100
66 45.5 33.8 50.8
65 20.1 16.9 25.3





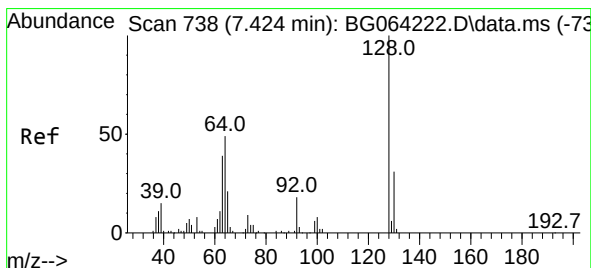
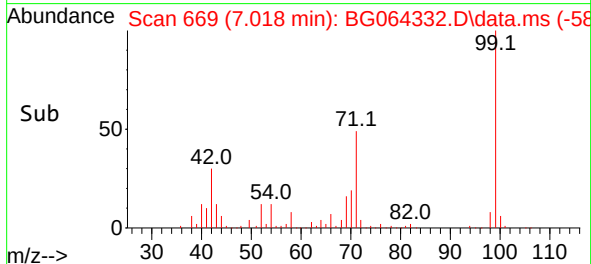
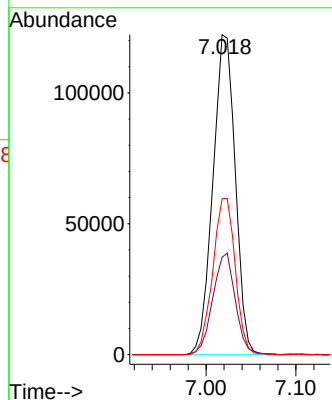
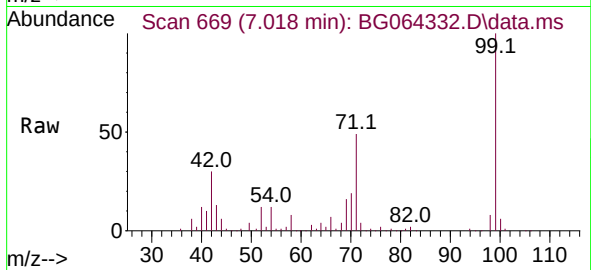
#7
Phenol-d6
Concen: 122.448 ng
RT: 7.018 min Scan# 60
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion: 99 Resp: 212808
Ion Ratio Lower Upper
99 100
42 30.4 25.8 38.8
71 48.7 35.2 52.8

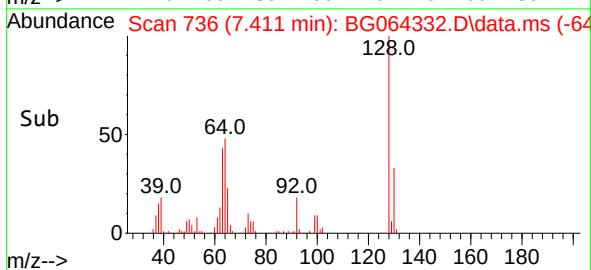
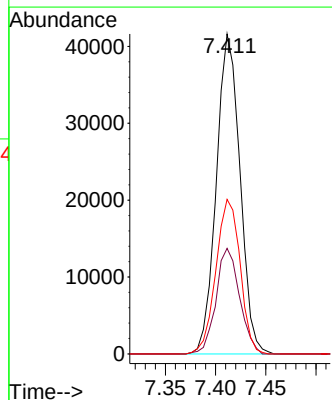
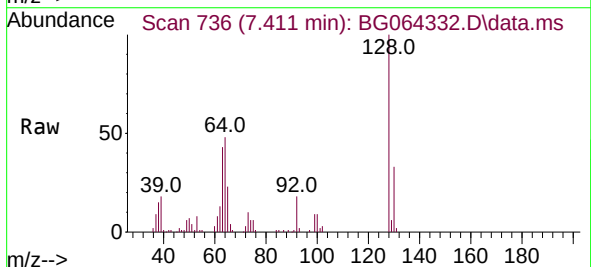
Manual Integrations
APPROVED

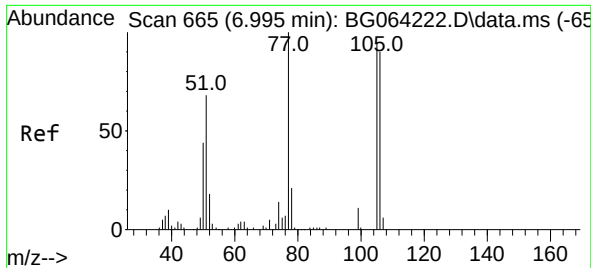
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#8
2-Chlorophenol
Concen: 44.198 ng
RT: 7.411 min Scan# 736
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:128 Resp: 68324
Ion Ratio Lower Upper
128 100
130 33.0 10.9 50.9
64 48.3 28.7 68.7





#9
Benzaldehyde
Concen: 19.943 ng
RT: 6.982 min Scan# 663
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

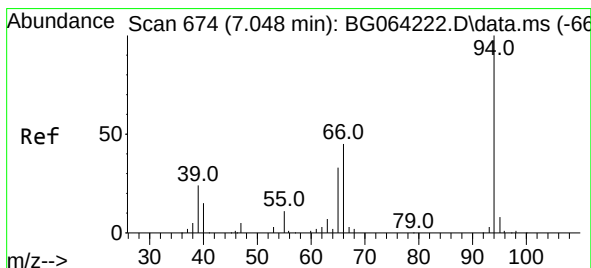
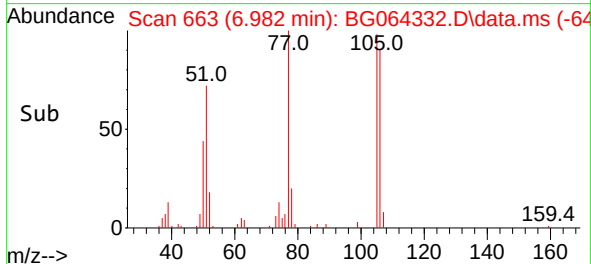
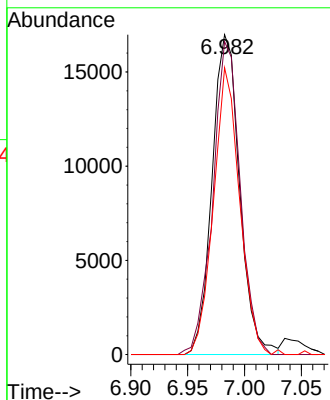
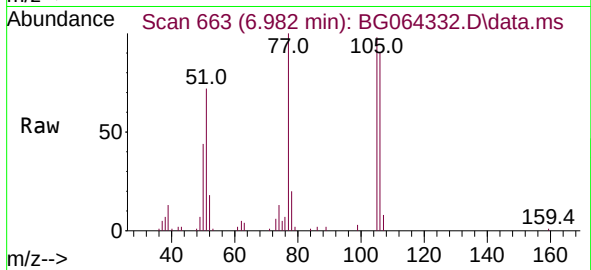
Tgt Ion: 77 Resp: 28523
Ion Ratio Lower Upper
77 100
105 97.8 75.2 115.2
106 89.6 69.6 109.6

Manual Integrations

APPROVED

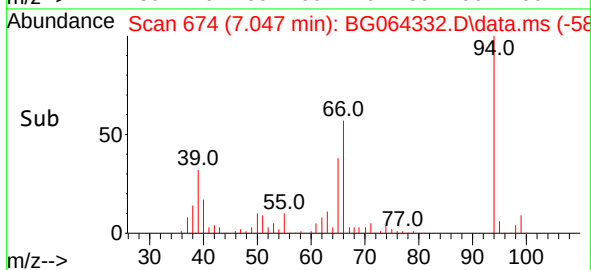
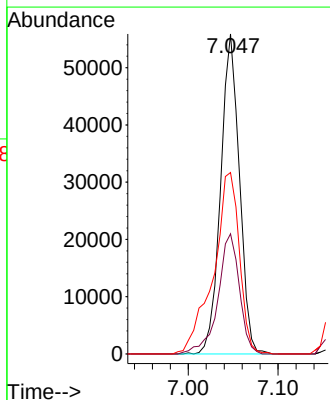
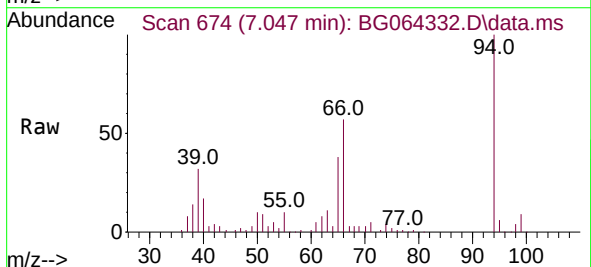
Reviewed By :Rahul Chavli 09/11/2025

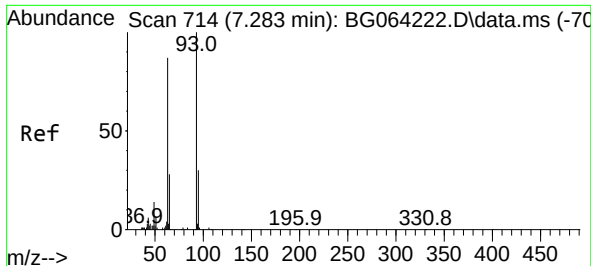
Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 42.413 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion: 94 Resp: 81268
Ion Ratio Lower Upper
94 100
65 37.5 13.5 53.5
66 56.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 37.002 ng
RT: 7.270 min Scan# 714
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

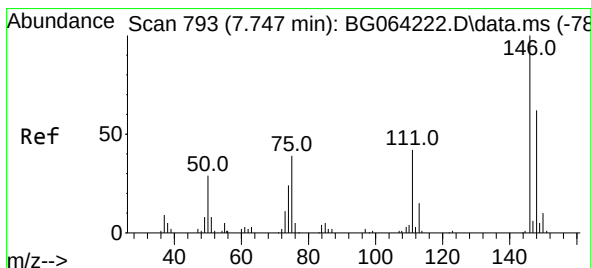
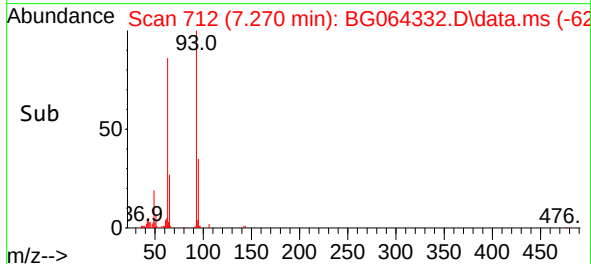
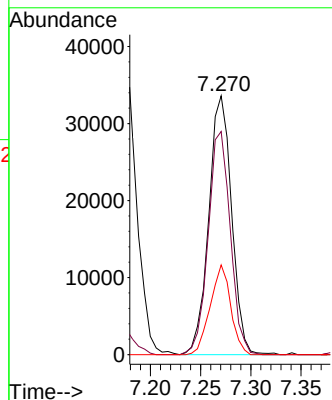
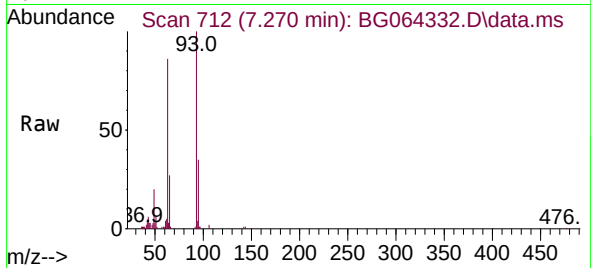
ClientSampleId :

PB169566BS

Tgt Ion: 93 Resp: 53278
Ion Ratio Lower Upper
93 100
63 86.2 66.2 106.2
95 34.7 9.8 49.8

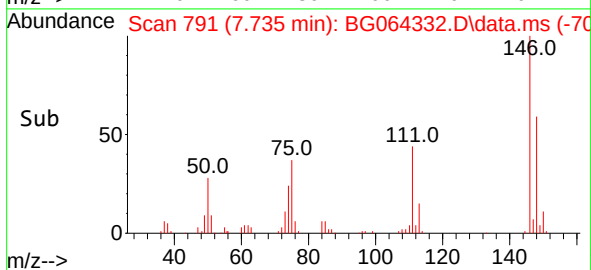
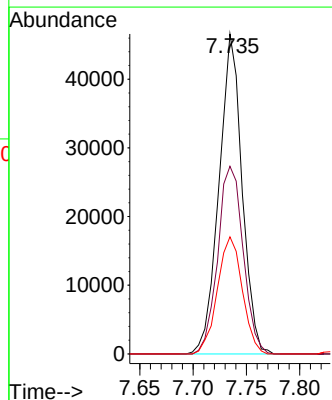
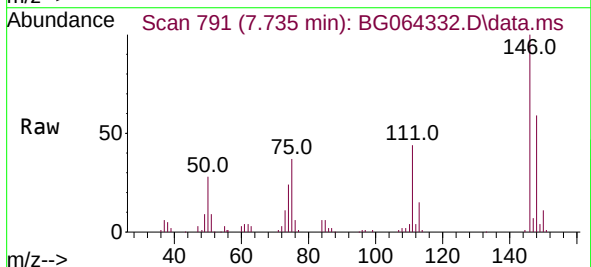
Manual Integrations
APPROVED

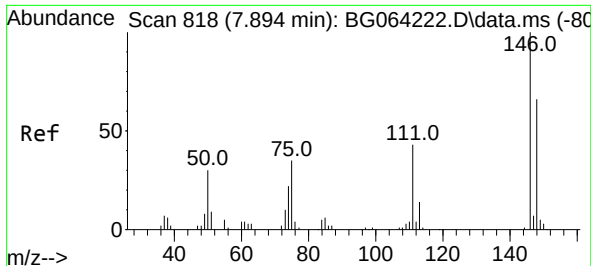
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#12
1,3-Dichlorobenzene
Concen: 42.652 ng
RT: 7.735 min Scan# 791
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:146 Resp: 70144
Ion Ratio Lower Upper
146 100
148 58.7 49.6 74.4
75 36.6 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 44.441 ng

RT: 7.881 min Scan# 81

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion:146 Resp: 73760

Ion Ratio Lower Upper

146 100

148 63.2 52.8 79.2

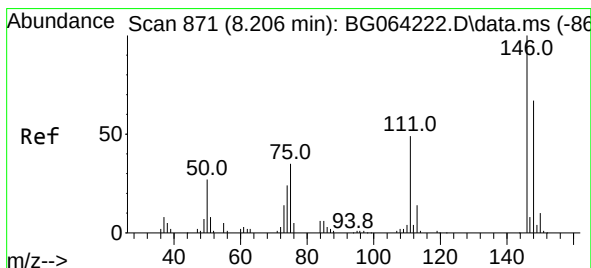
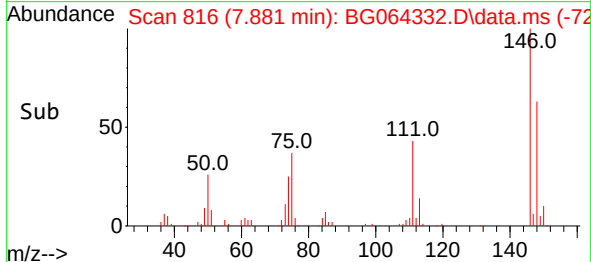
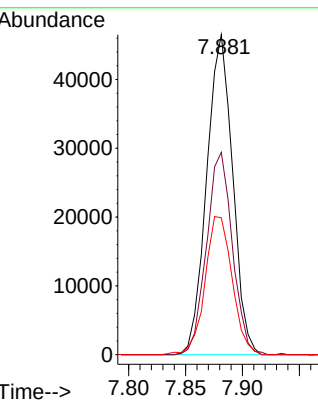
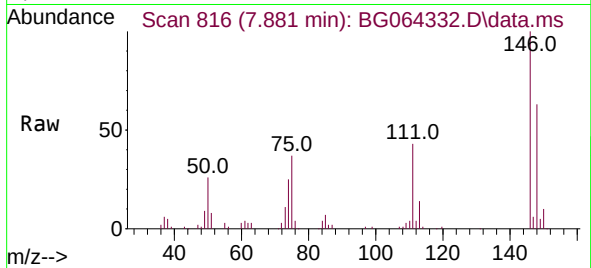
111 42.8 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#14

1,2-Dichlorobenzene

Concen: 43.793 ng

RT: 8.199 min Scan# 870

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

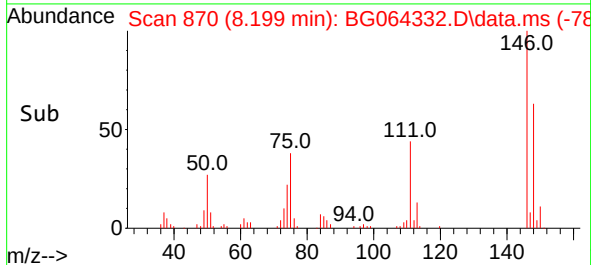
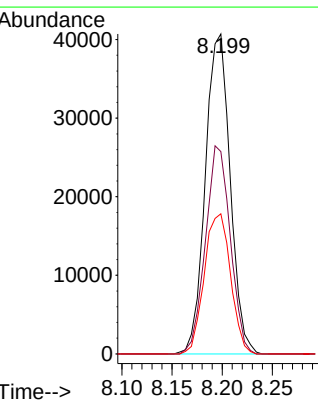
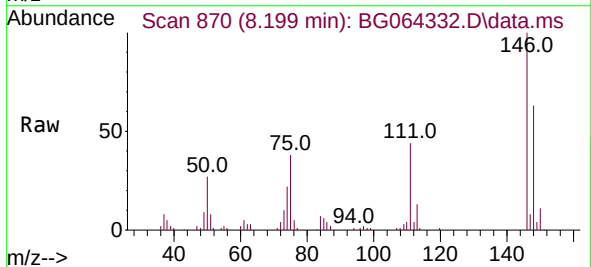
Tgt Ion:146 Resp: 70151

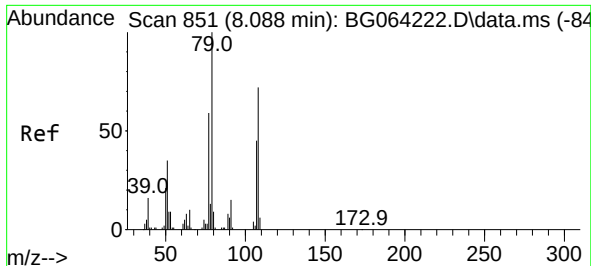
Ion Ratio Lower Upper

146 100

148 63.2 53.4 80.0

111 43.8 39.1 58.7





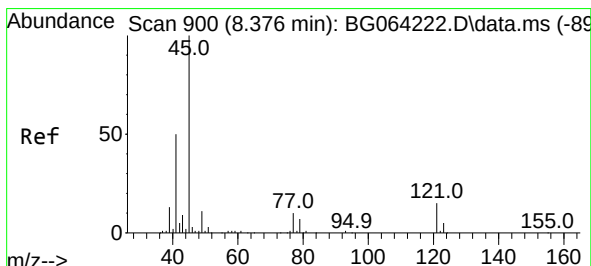
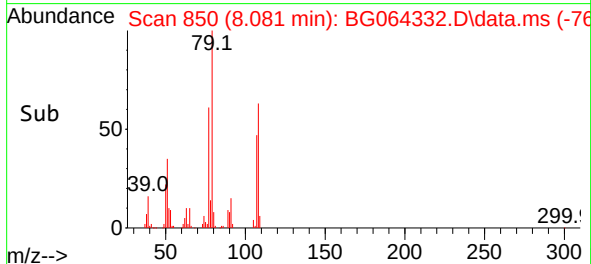
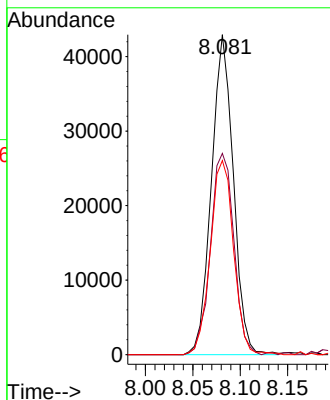
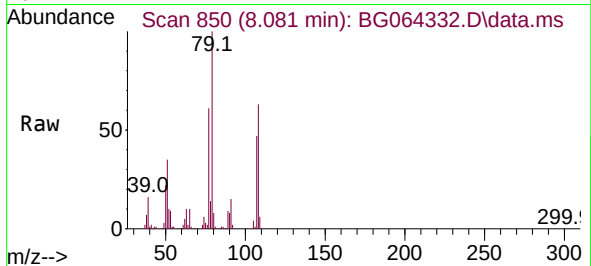
#15
Benzyl Alcohol
Concen: 43.060 ng
RT: 8.081 min Scan# 801
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion: 79 Resp: 69060
Ion Ratio Lower Upper
79 100
108 62.9 57.4 86.0
77 60.7 47.2 70.8

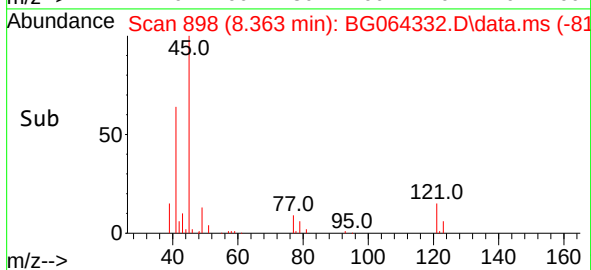
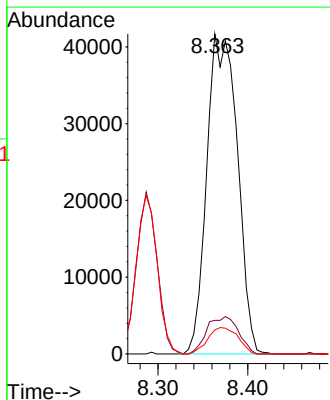
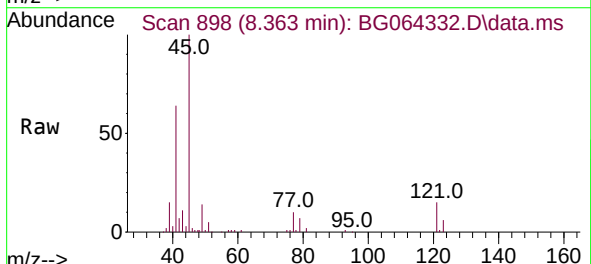
Manual Integrations
APPROVED

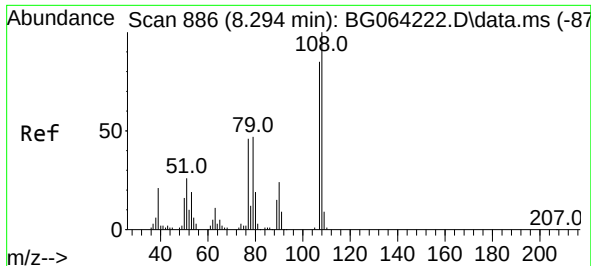
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.011 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

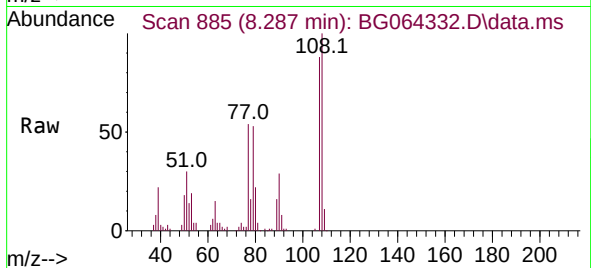
Tgt Ion: 45 Resp: 98657
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.0
79 7.5 0.0 27.9





#17
2-Methylphenol
Concen: 40.120 ng
RT: 8.287 min Scan# 886
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

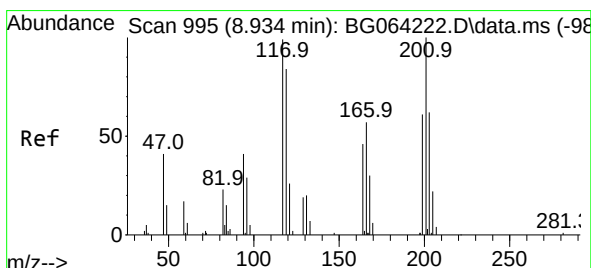
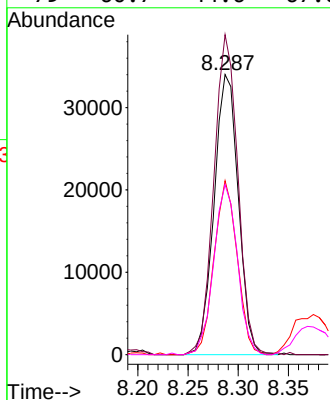
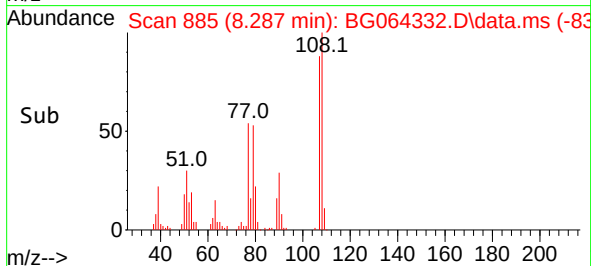
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:	107	Resp:	57293
Ion Ratio	Lower	Upper	
107	100		
108	114.3	94.6	141.8
77	62.1	43.7	65.5
79	60.7	44.6	67.0

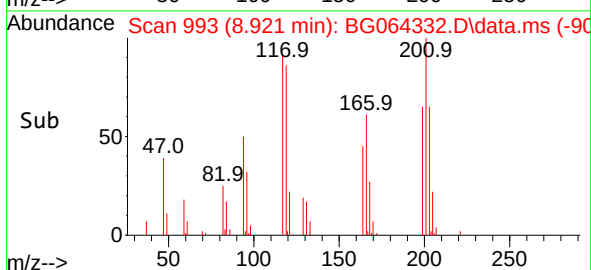
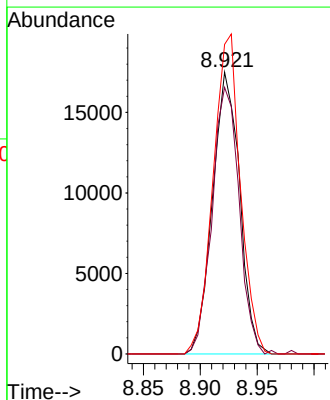
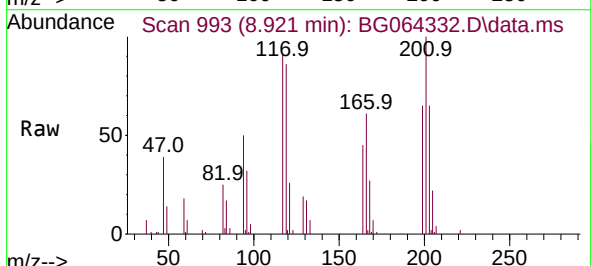
Manual Integrations
APPROVED

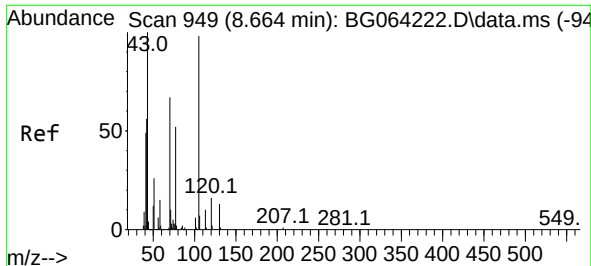
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#18
Hexachloroethane
Concen: 44.723 ng
RT: 8.921 min Scan# 993
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:	117	Resp:	28975
Ion Ratio	Lower	Upper	
117	100		
119	97.1	67.9	101.9
201	109.9	80.5	120.7





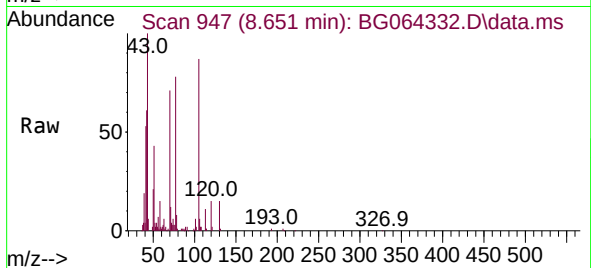
#19
n-Nitroso-di-n-propylamine
Concen: 37.490 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

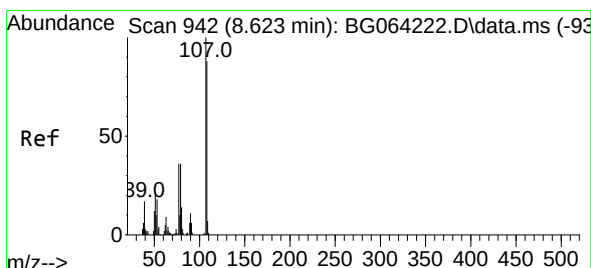
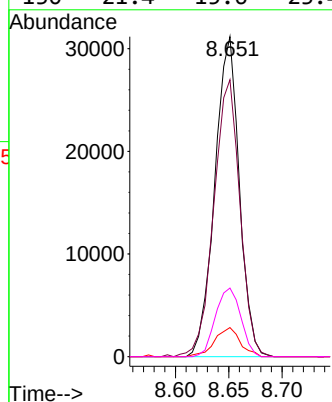
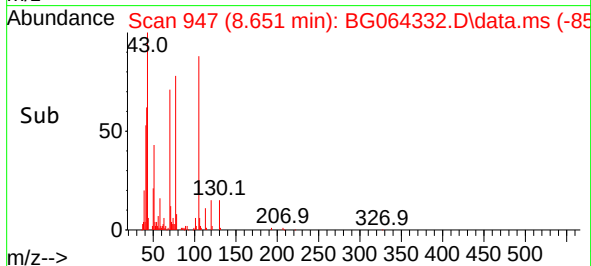


Tgt Ion: 70 Resp: 49866
Ion Ratio Lower Upper
70 100
42 86.5 67.9 101.9
101 9.1 7.3 10.9
130 21.4 15.6 23.4

Manual Integrations

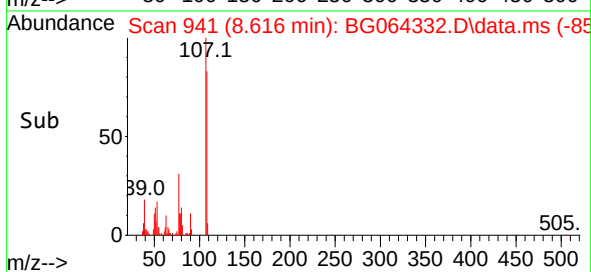
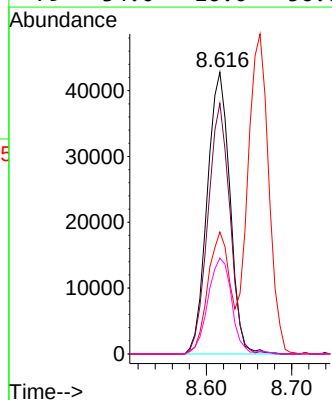
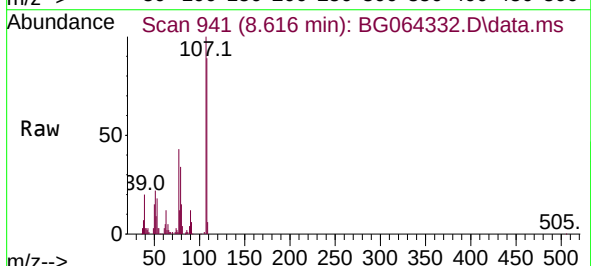
APPROVED

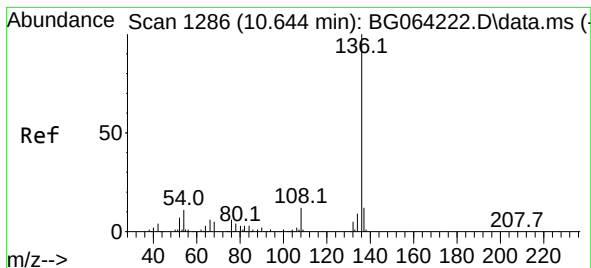
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#20
3+4-Methylphenols
Concen: 39.721 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:107 Resp: 78818
Ion Ratio Lower Upper
107 100
108 88.9 68.1 108.1
77 43.3 15.9 55.9
79 34.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1284
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

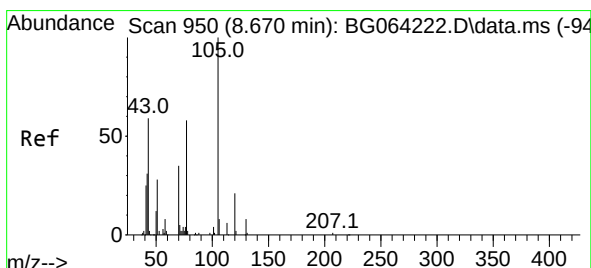
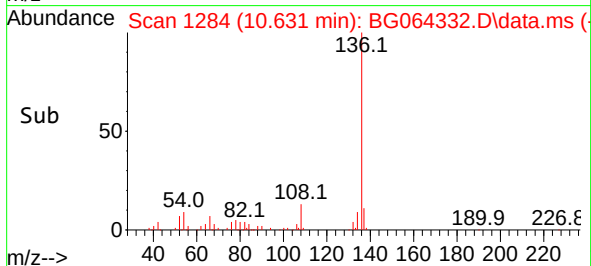
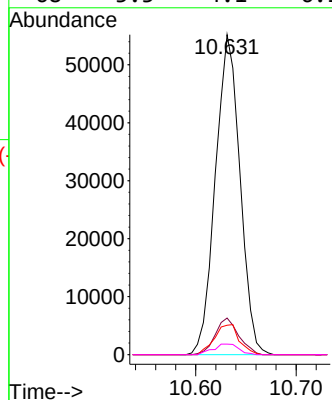
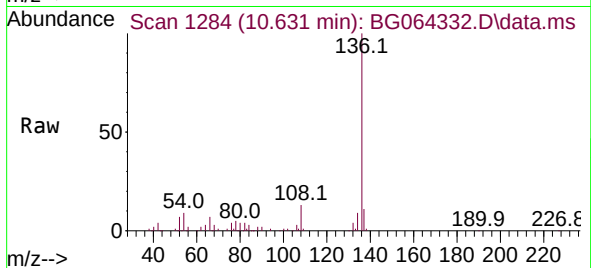
PB169566BS

Tgt Ion:136 Resp: 93972
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 9.2 8.8 13.2
68 3.3 4.1 6.1#

Manual Integrations

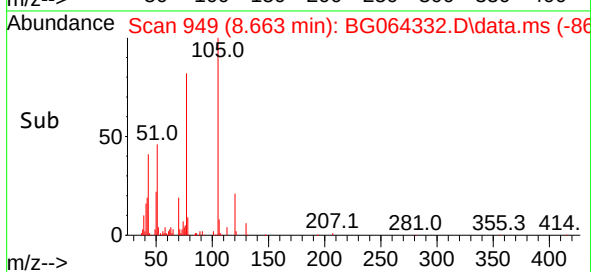
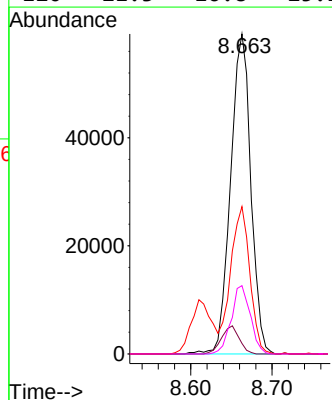
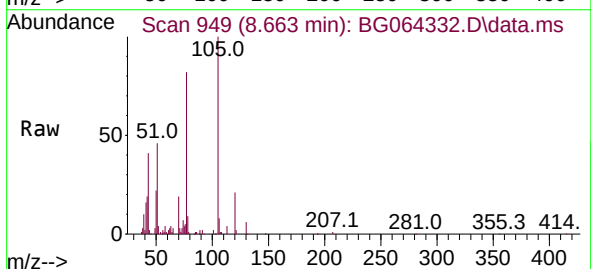
APPROVED

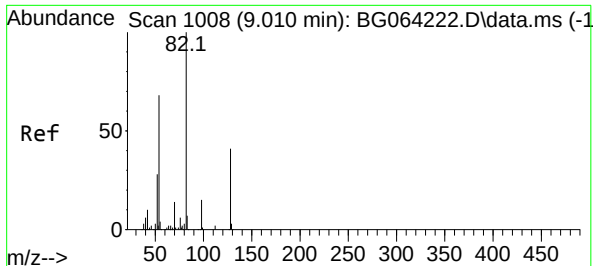
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 43.136 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:105 Resp: 102551
Ion Ratio Lower Upper
105 100
71 3.3 4.3 6.5#
51 46.0 32.4 48.6
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 89.973 ng

RT: 8.998 min Scan# 1006

Delta R.T. -0.019 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

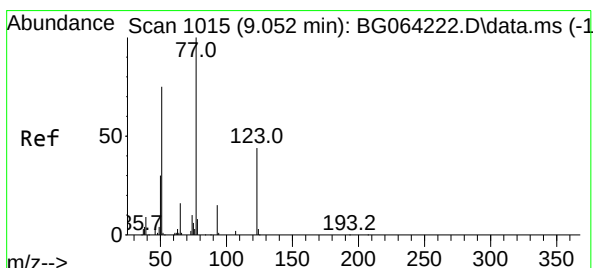
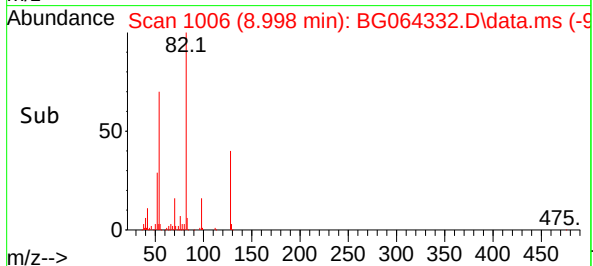
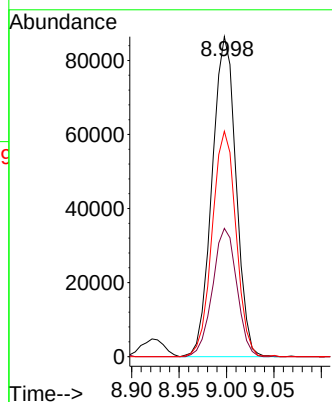
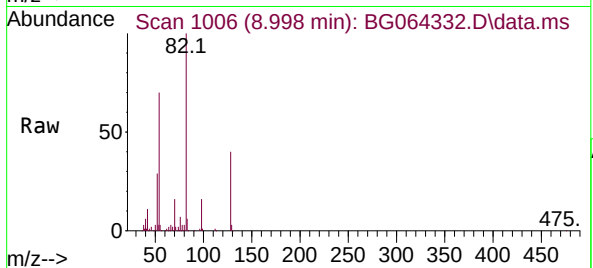
Tgt Ion:	82	Resp:	151602
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.6	48.8
54	70.4	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#24

Nitrobenzene

Concen: 44.207 ng

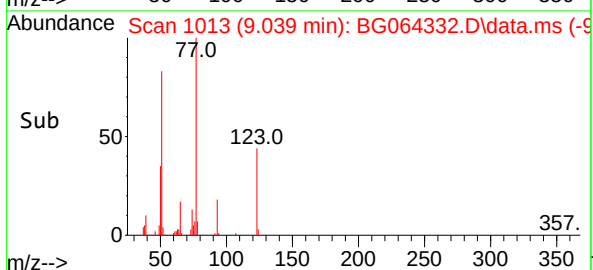
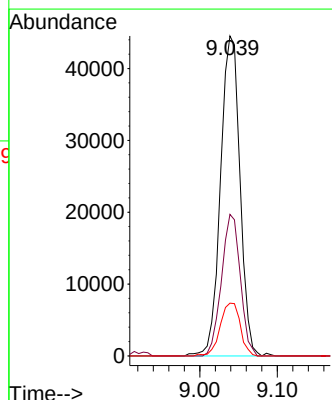
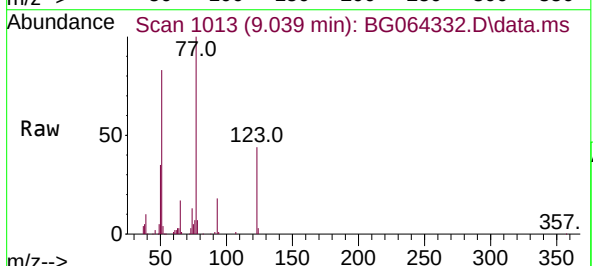
RT: 9.039 min Scan# 1013

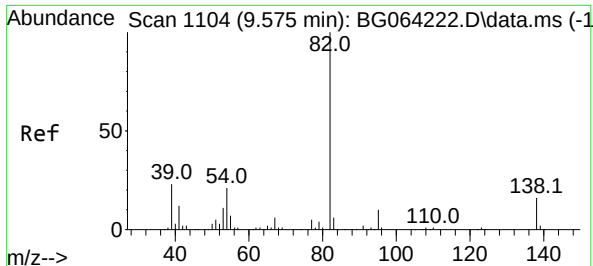
Delta R.T. -0.019 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Tgt Ion:	77	Resp:	77826
Ion Ratio	Lower	Upper	
77	100		
123	44.2	35.2	52.8
65	16.5	12.6	19.0





#25
Isophorone
Concen: 40.481 ng
RT: 9.562 min Scan# 1102
Delta R.T. -0.025 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

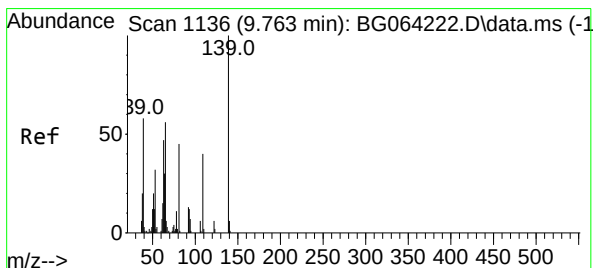
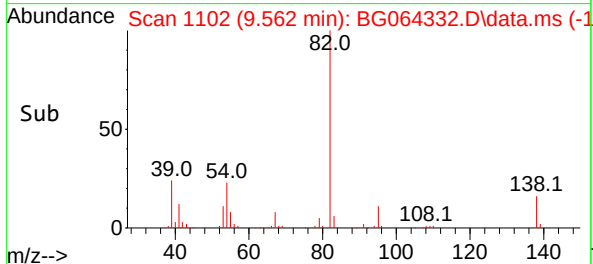
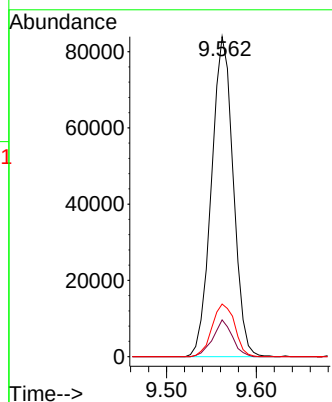
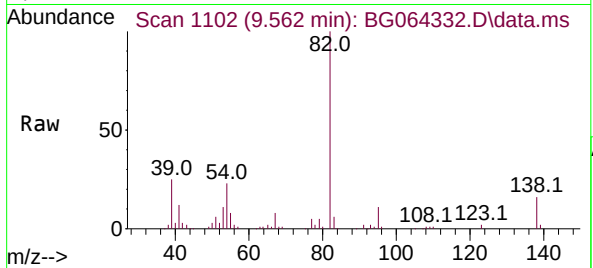
PB169566BS

Tgt Ion: 82 Resp: 141763
Ion Ratio Lower Upper
82 100
95 11.5 7.9 11.9
138 16.4 13.0 19.4

Manual Integrations

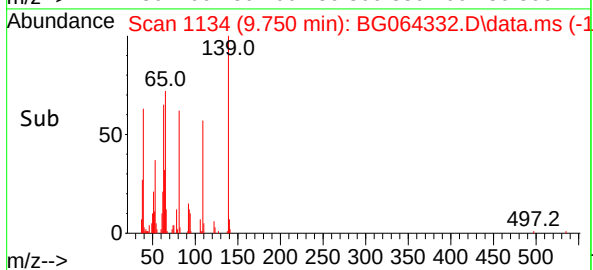
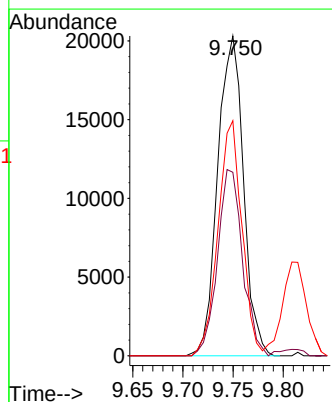
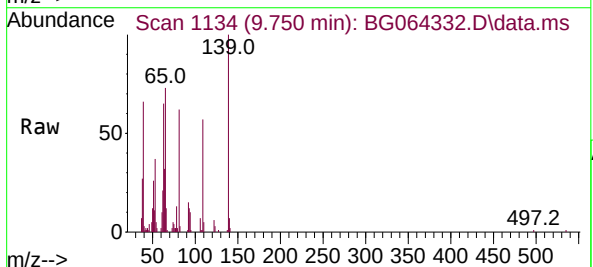
APPROVED

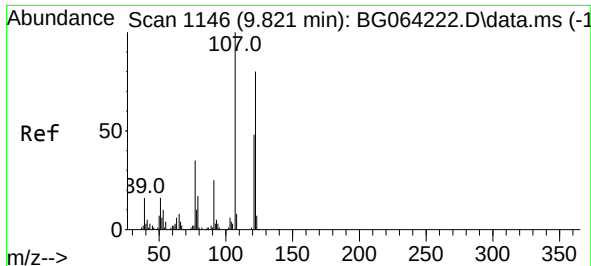
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#26
2-Nitrophenol
Concen: 47.683 ng
RT: 9.750 min Scan# 1134
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:139 Resp: 36272
Ion Ratio Lower Upper
139 100
109 57.4 32.4 48.6#
65 73.5 44.6 67.0#





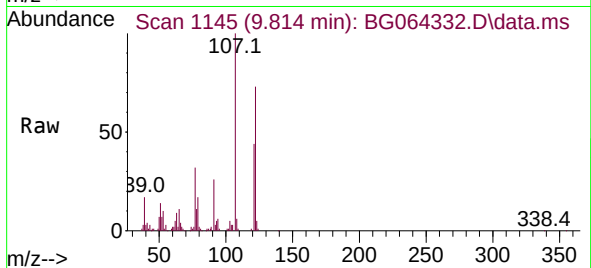
#27
2,4-Dimethylphenol
Concen: 49.670 ng
RT: 9.814 min Scan# 1145
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS



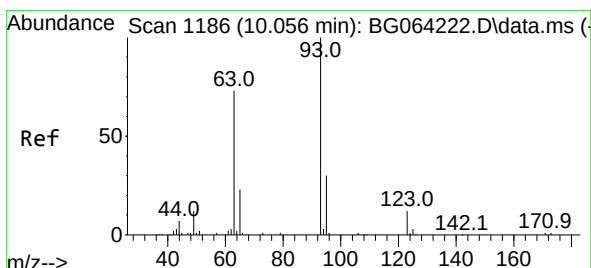
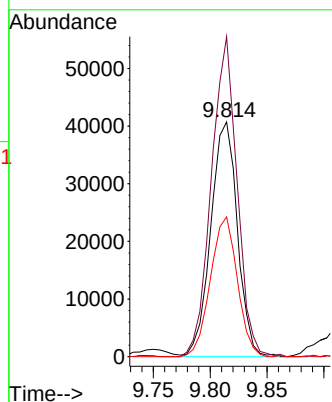
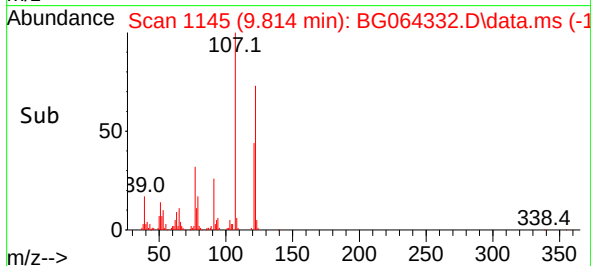
Tgt Ion:122 Resp: 6633
Ion Ratio Lower Upper
122 100
107 136.4 99.9 149.9
121 59.6 48.6 72.8

Manual Integrations

APPROVED

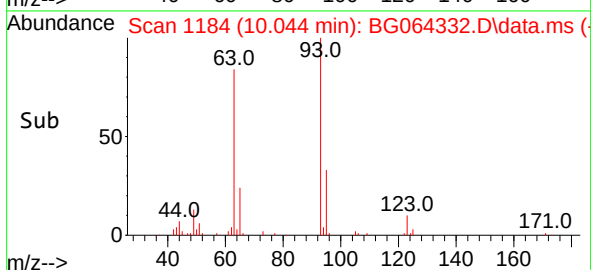
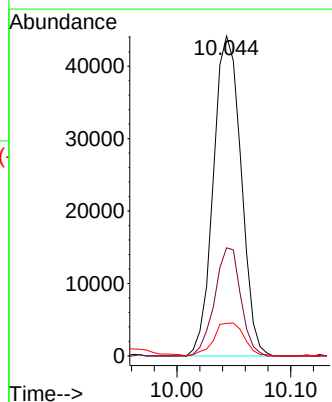
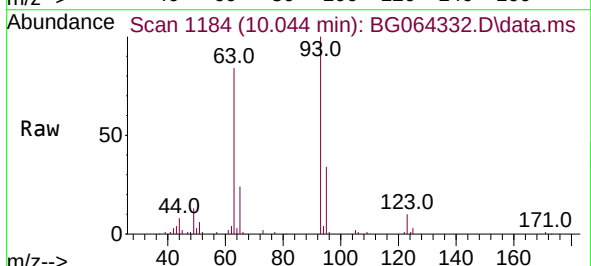
Reviewed By :Rahul Chavli 09/11/2025

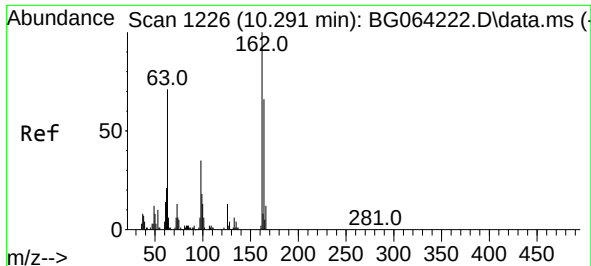
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.621 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion: 93 Resp: 74816
Ion Ratio Lower Upper
93 100
95 33.8 23.9 35.9
123 10.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.935 ng

RT: 10.279 min Scan# 1224

Delta R.T. -0.019 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

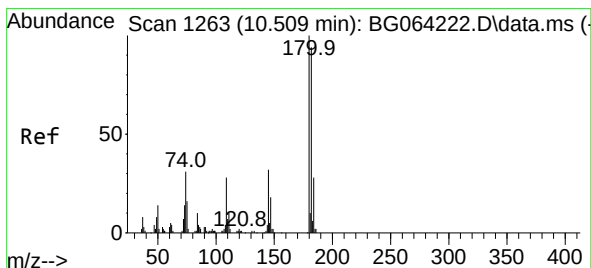
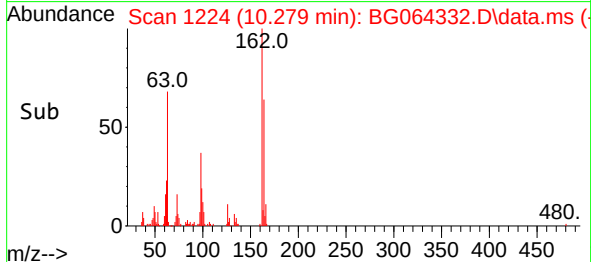
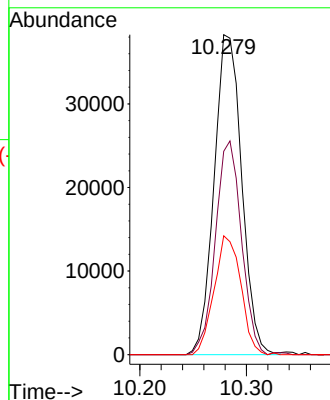
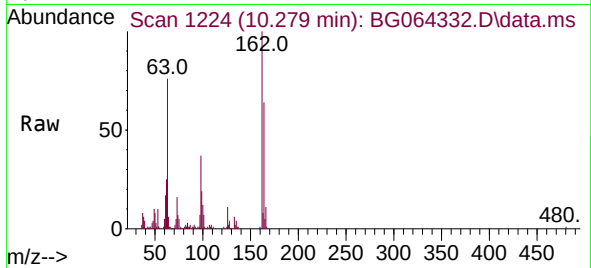
Tgt Ion:162	Resp:	68958
Ion Ratio	Lower	Upper
162	100	
164	63.5	45.8 85.8
98	37.1	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.471 ng

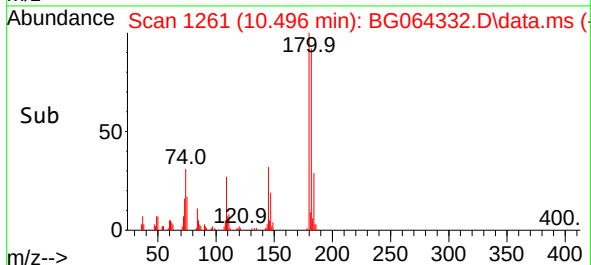
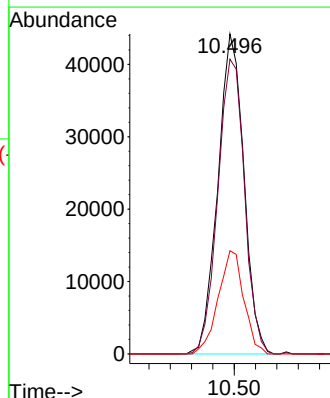
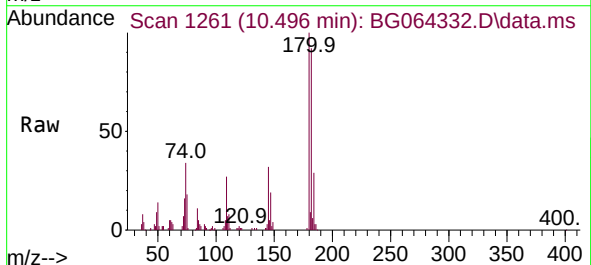
RT: 10.496 min Scan# 1261

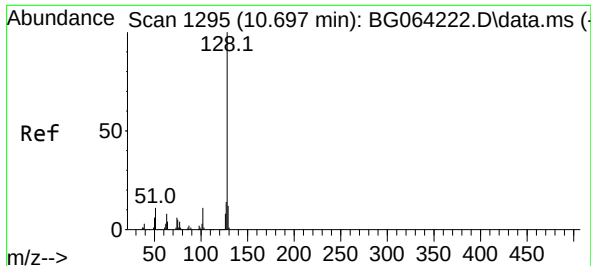
Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

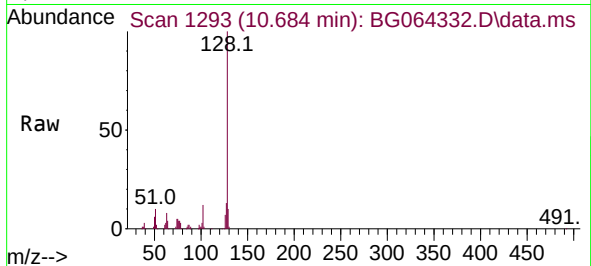
Tgt Ion:180	Resp:	74991
Ion Ratio	Lower	Upper
180	100	
182	92.1	75.0 112.6
145	32.2	25.4 38.0





#31
Naphthalene
Concen: 43.366 ng
RT: 10.684 min Scan# 1171
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

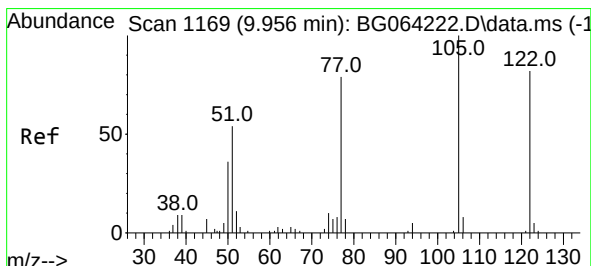
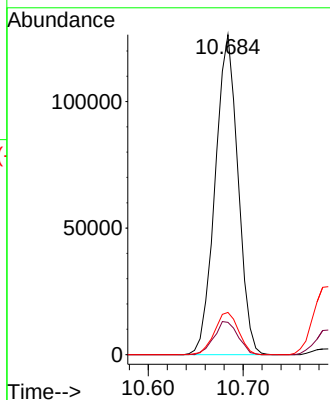
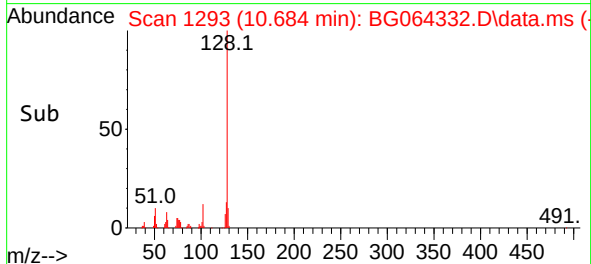
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:128 Resp: 211320
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.2
127 13.2 10.9 16.3

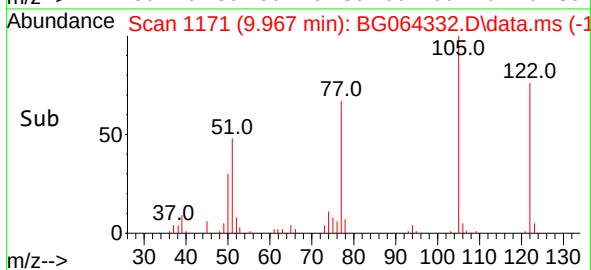
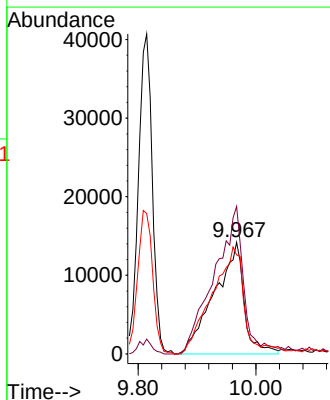
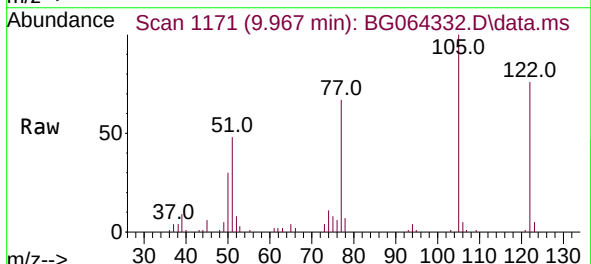
Manual Integrations
APPROVED

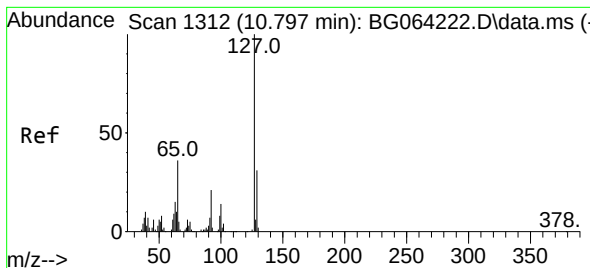
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 46.711 ng
RT: 9.967 min Scan# 1171
Delta R.T. -0.048 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:122 Resp: 49521
Ion Ratio Lower Upper
122 100
105 132.2 98.5 138.5
77 88.7 74.6 114.6





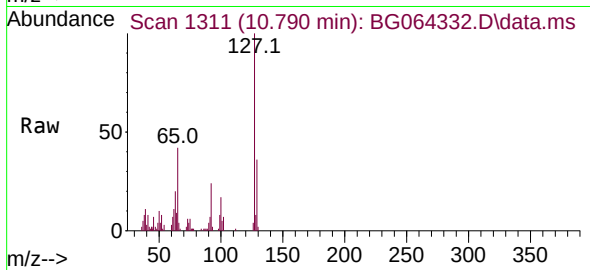
#33
4-Chloroaniline
Concen: 28.382 ng
RT: 10.790 min Scan# 1311
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS



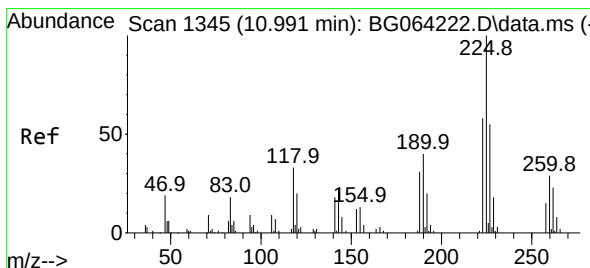
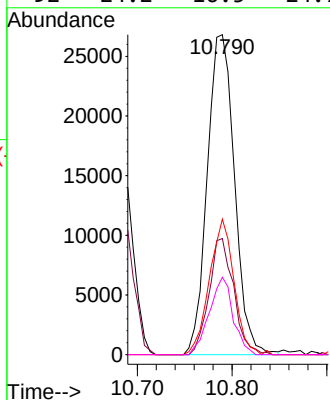
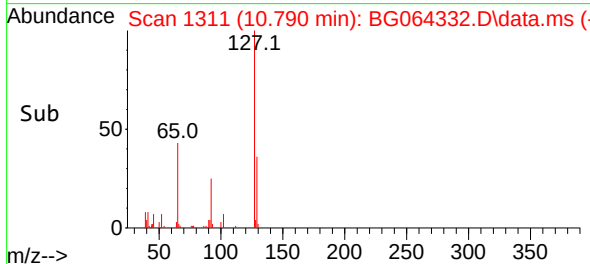
Tgt Ion:127 Resp: 53605
Ion Ratio Lower Upper
127 100
129 36.3 25.0 37.4
65 42.3 28.7 43.1
92 24.2 16.5 24.7

Manual Integrations

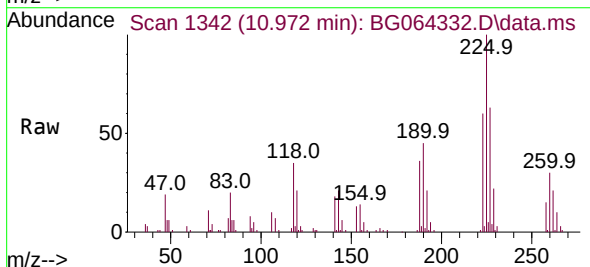
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

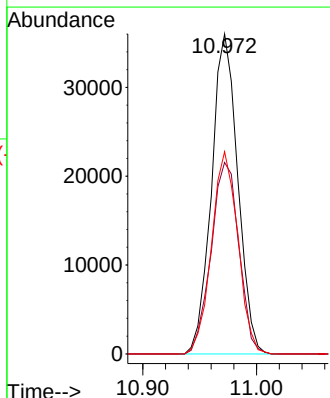
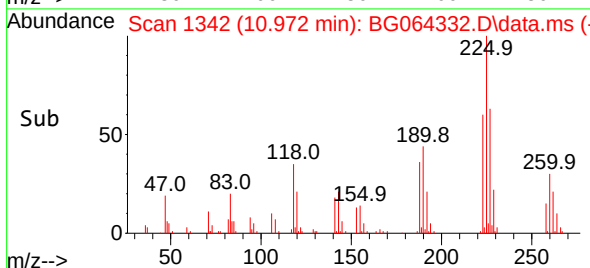
Supervised By :Jagrut Upadhyay 09/11/2025

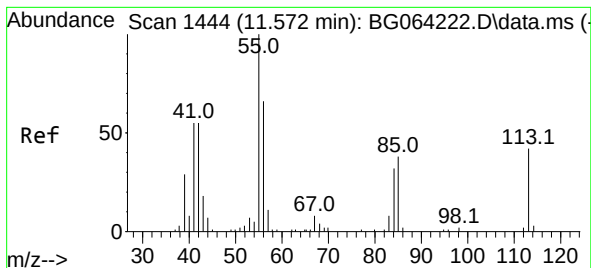


#34
Hexachlorobutadiene
Concen: 52.427 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion:225 Resp: 57581
Ion Ratio Lower Upper
225 100
223 62.5 46.5 69.7
227 63.2 44.1 66.1





#35

Caprolactam

Concen: 43.983 ng m

RT: 11.554 min Scan# 14

Delta R.T. -0.048 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion:113 Resp: 23999

Ion Ratio Lower Upper

113 100

55 206.4 218.5 258.5

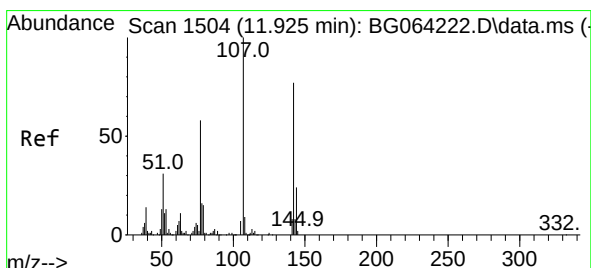
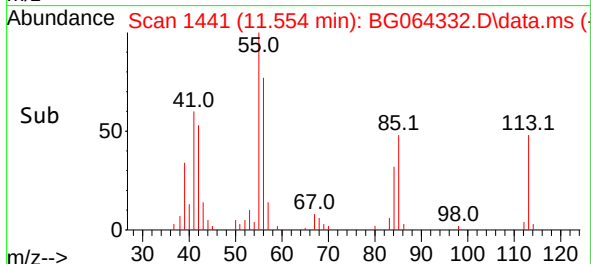
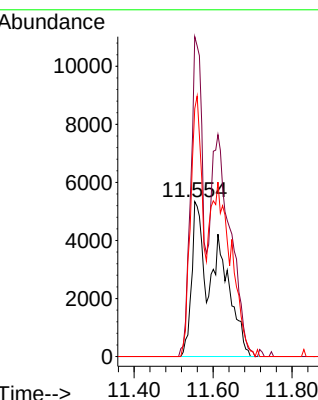
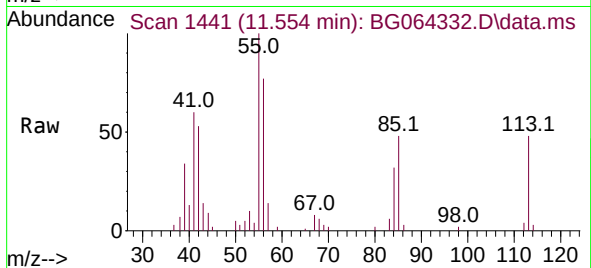
56 159.9 138.5 178.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#36

4-Chloro-3-methylphenol

Concen: 45.395 ng

RT: 11.918 min Scan# 1503

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

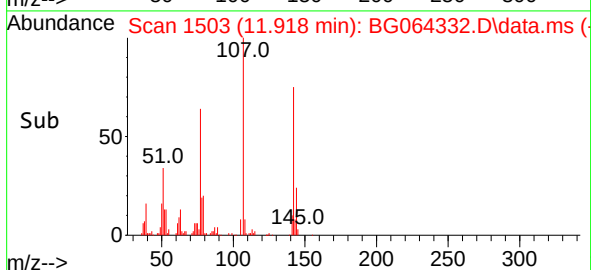
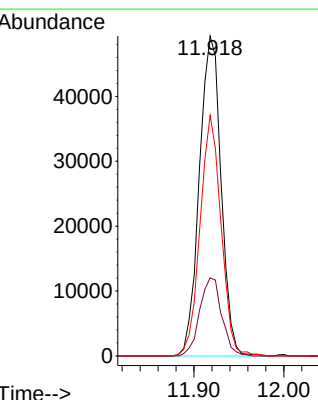
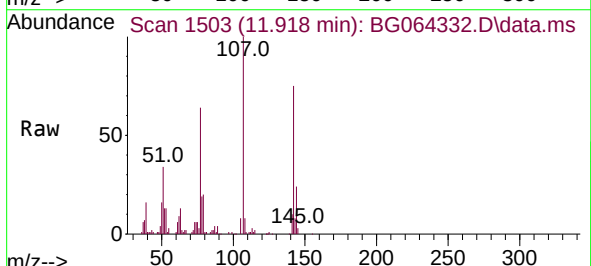
Tgt Ion:107 Resp: 82997

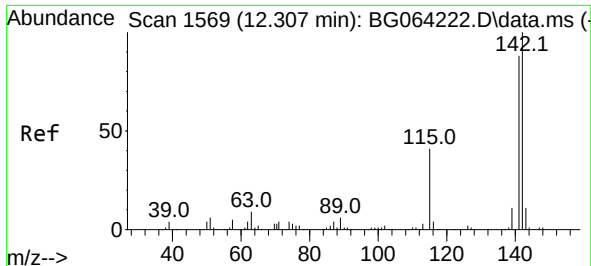
Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

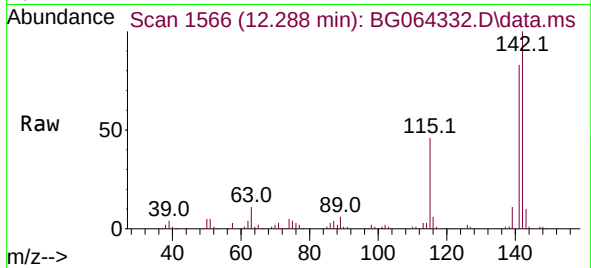
142 75.2 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.874 ng
RT: 12.288 min Scan# 1566
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

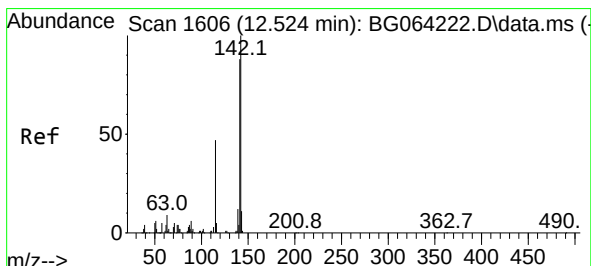
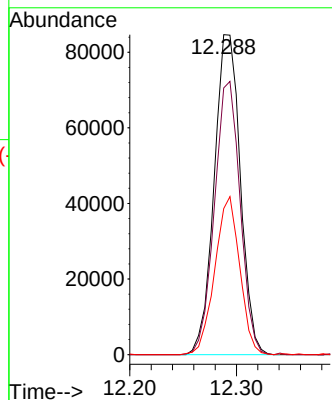
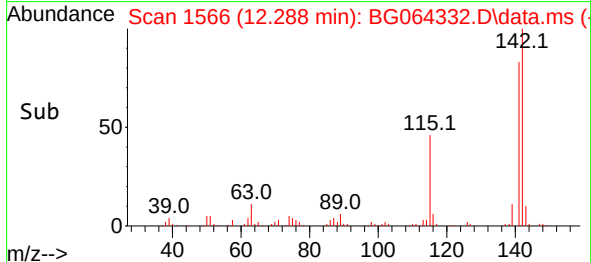
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:142 Resp: 144427
Ion Ratio Lower Upper
142 100
141 83.3 70.1 105.1
115 45.6 33.1 49.7

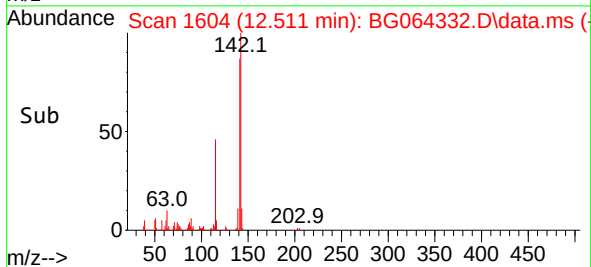
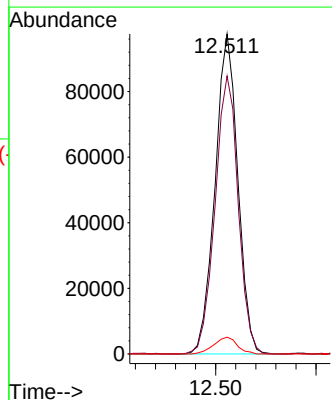
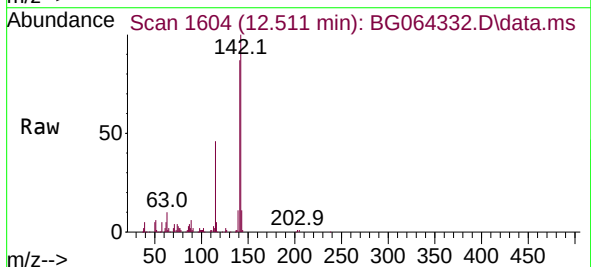
Manual Integrations
APPROVED

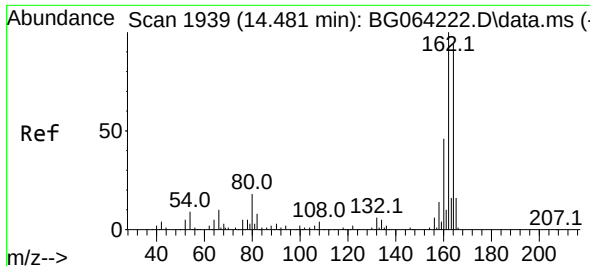
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#38
1-Methylnaphthalene
Concen: 42.999 ng
RT: 12.511 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

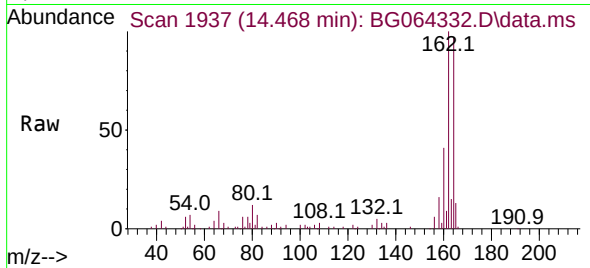
Tgt Ion:142 Resp: 153836
Ion Ratio Lower Upper
142 100
141 86.8 70.3 105.5
116 5.2 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1937
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

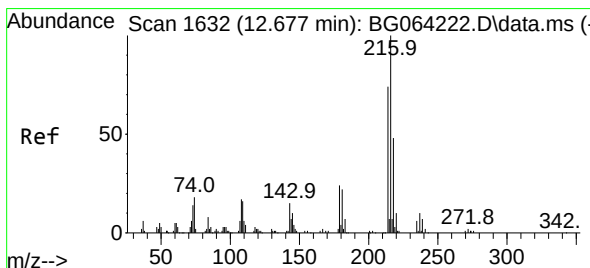
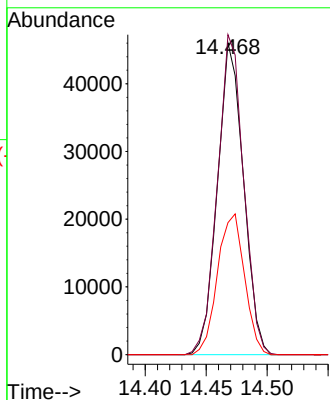
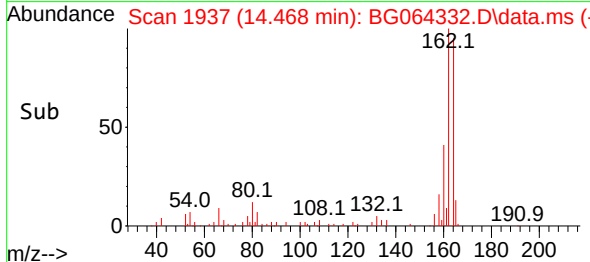
Instrument :
BNA_G
ClientSampleId :
PB169566BS



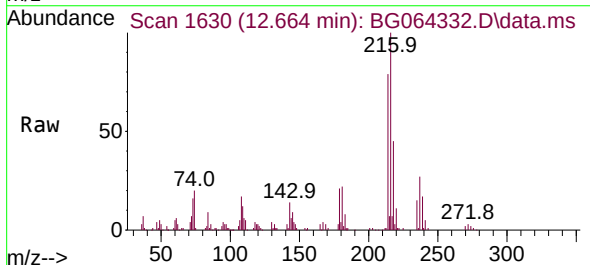
Tgt Ion:164 Resp: 68433
Ion Ratio Lower Upper
164 100
162 102.6 85.4 128.0
160 42.3 39.2 58.8

Manual Integrations
APPROVED

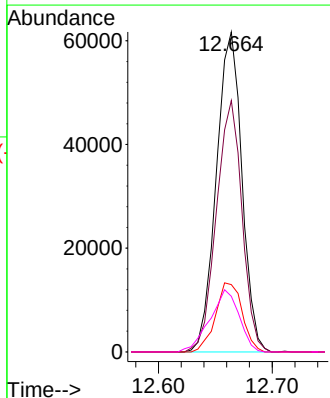
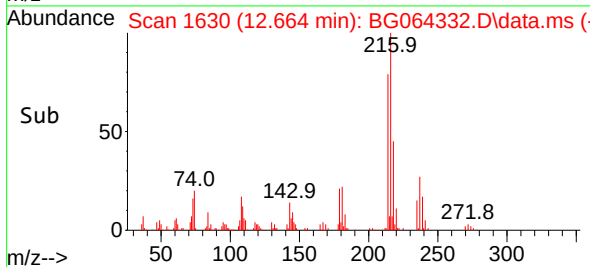
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

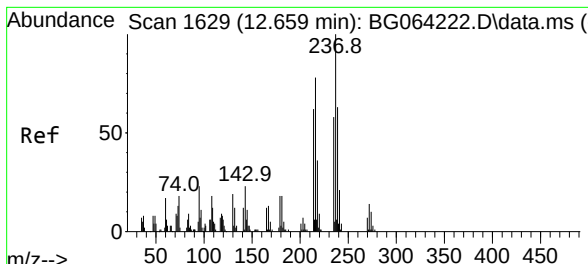


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.876 ng
RT: 12.664 min Scan# 1630
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



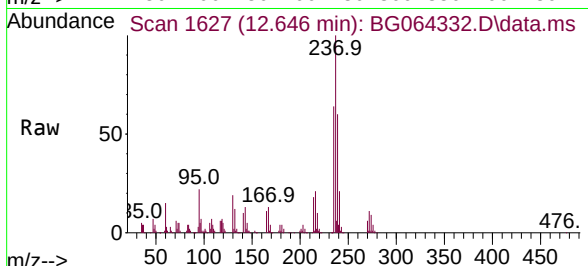
Tgt Ion:216 Resp: 96505
Ion Ratio Lower Upper
216 100
214 78.5 61.9 92.9
179 22.5 17.9 26.9
108 22.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 149.769 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

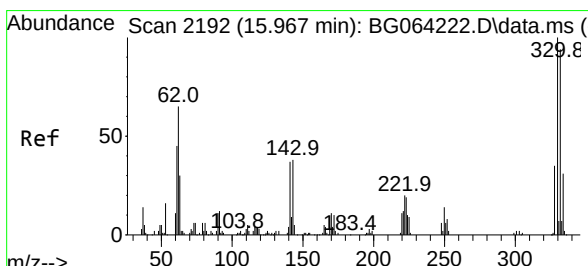
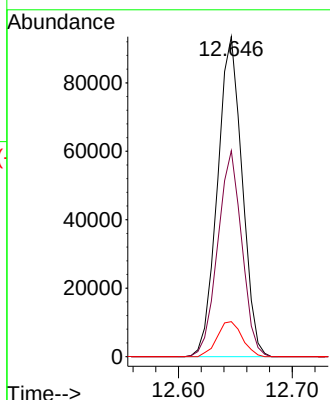
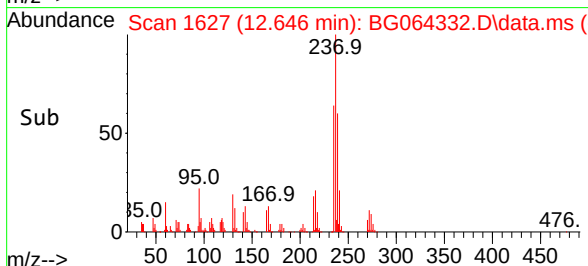
Instrument :
BNA_G
ClientSampleId :
PB169566BS



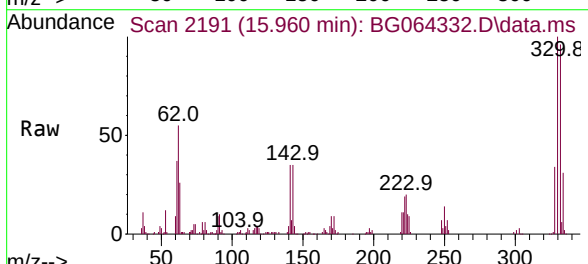
Tgt Ion:237 Resp: 140546
Ion Ratio Lower Upper
237 100
235 64.3 37.9 77.9
272 10.9 0.0 33.8

Manual Integrations
APPROVED

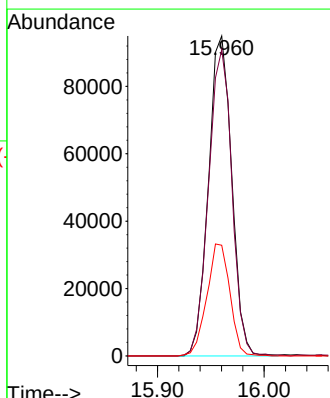
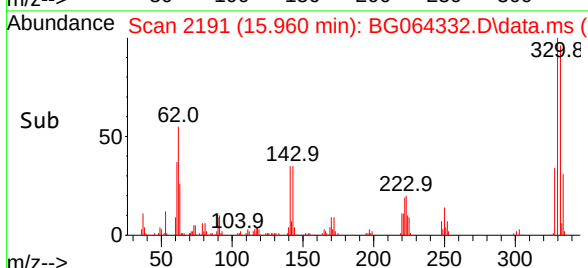
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

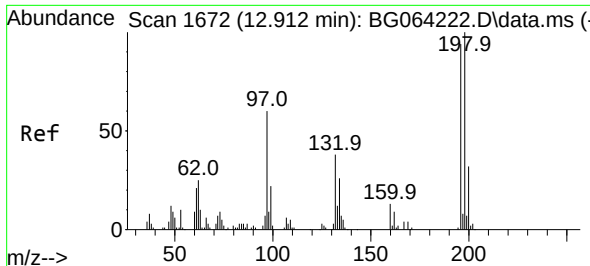


#42
2,4,6-Tribromophenol
Concen: 159.072 ng
RT: 15.960 min Scan# 2191
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion:330 Resp: 144187
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 34.6 29.8 44.6





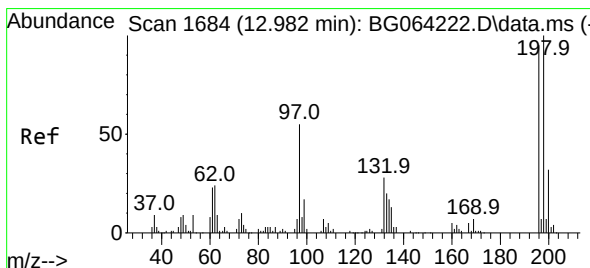
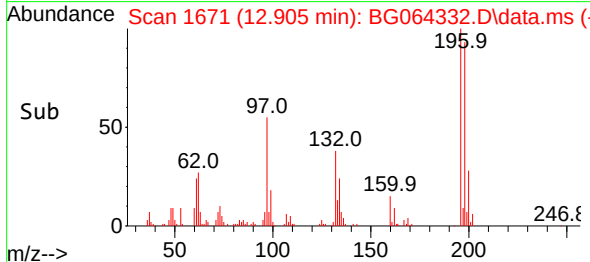
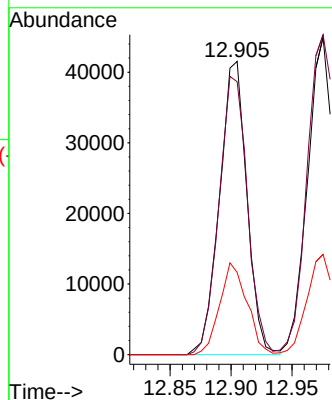
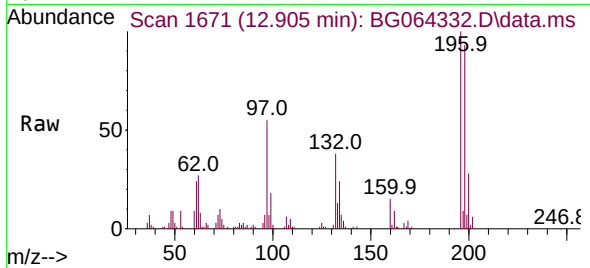
#43
2,4,6-Trichlorophenol
Concen: 49.178 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.007 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion:196 Resp: 64902
Ion Ratio Lower Upper
196 100
198 93.1 85.4 128.2
200 28.0 27.3 40.9

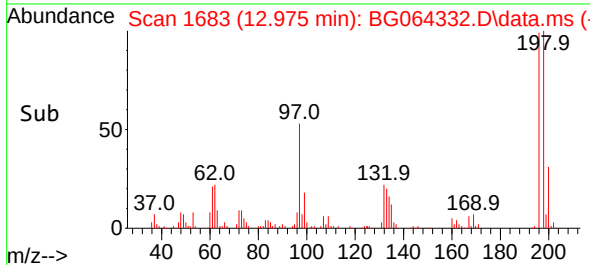
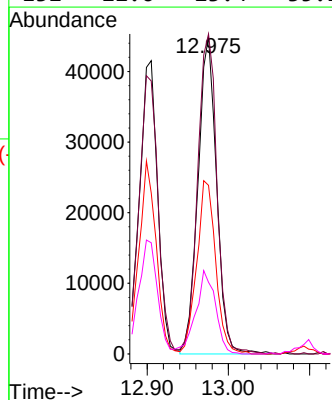
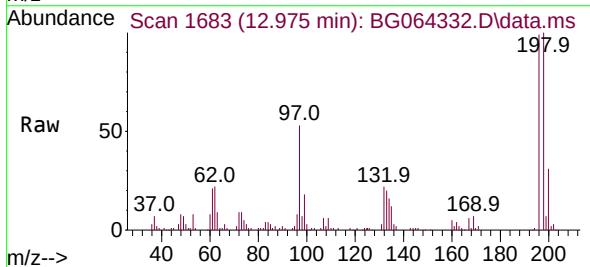
Manual Integrations
APPROVED

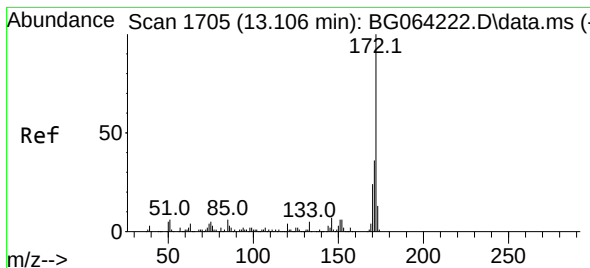
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#44
2,4,5-Trichlorophenol
Concen: 49.980 ng
RT: 12.975 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:196 Resp: 71551
Ion Ratio Lower Upper
196 100
198 100.8 84.5 126.7
97 53.1 46.8 70.2
132 22.6 23.4 35.2#





#45

2-Fluorobiphenyl

Concen: 85.716 ng

RT: 13.093 min Scan# 1703

Delta R.T. -0.019 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

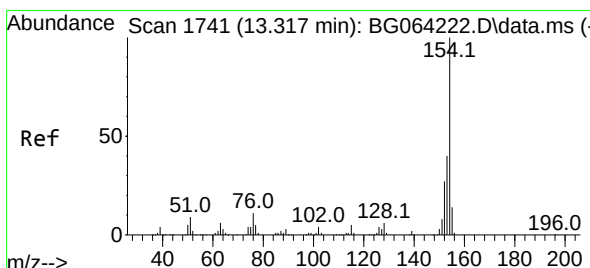
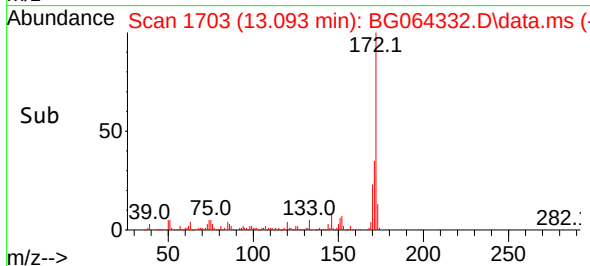
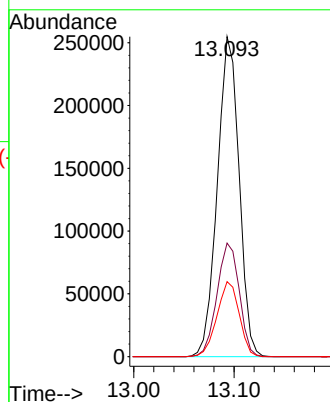
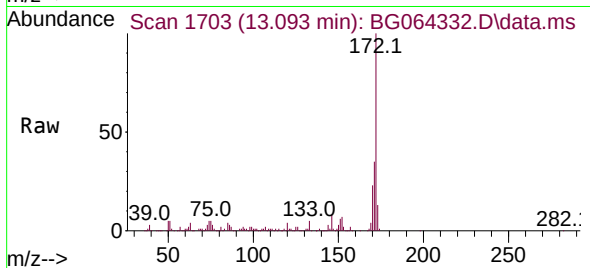
PB169566BS

Tgt Ion:172	Resp: 384302
Ion Ratio	Lower Upper
172 100	
171 35.5	28.7 43.1
170 23.4	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: 44.571 ng

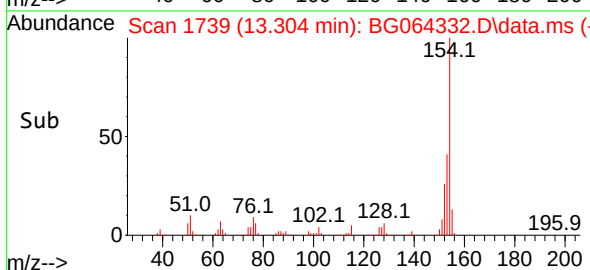
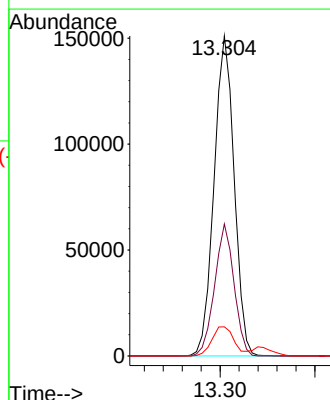
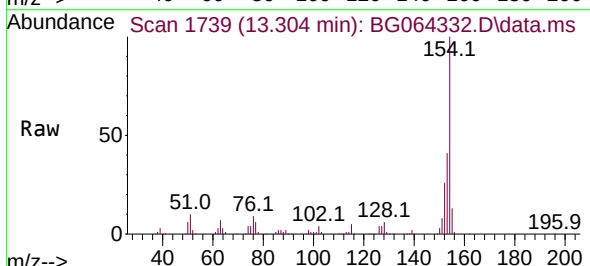
RT: 13.304 min Scan# 1739

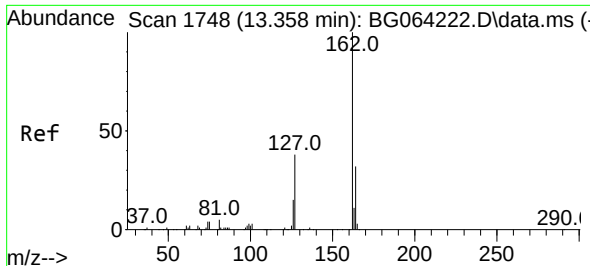
Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Tgt Ion:154	Resp: 222153
Ion Ratio	Lower Upper
154 100	
153 41.2	19.9 59.9
76 9.1	0.0 30.9





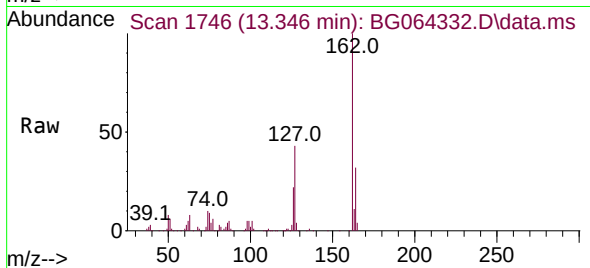
#47
2-Chloronaphthalene
Concen: 43.486 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS



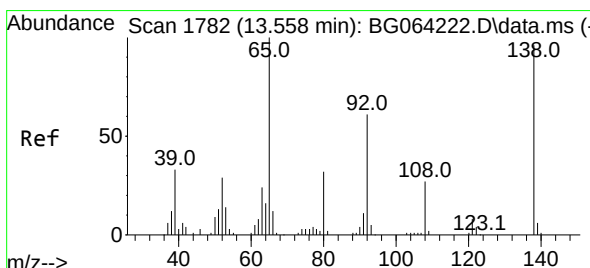
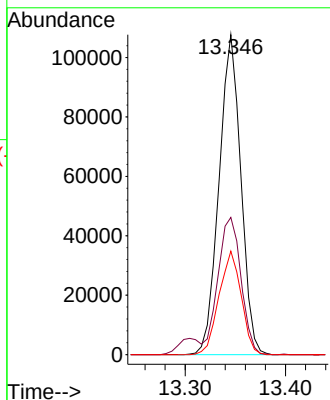
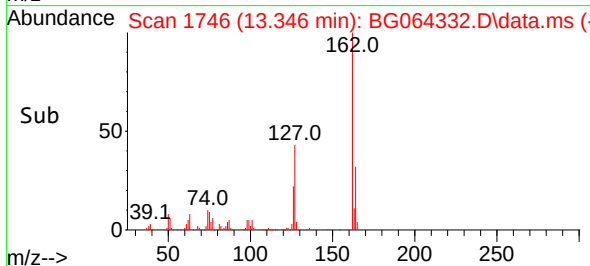
Tgt Ion:162 Resp: 162950
Ion Ratio Lower Upper
162 100
127 42.9 33.9 50.9
164 32.3 25.4 38.2

Manual Integrations

APPROVED

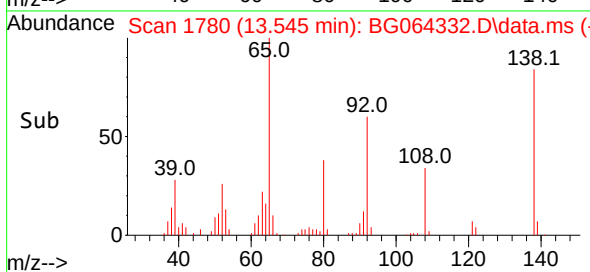
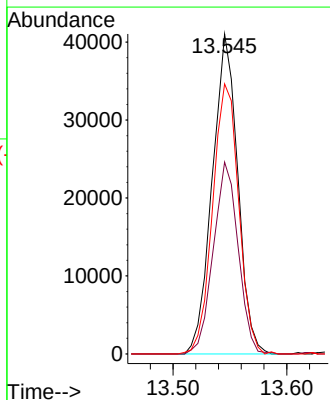
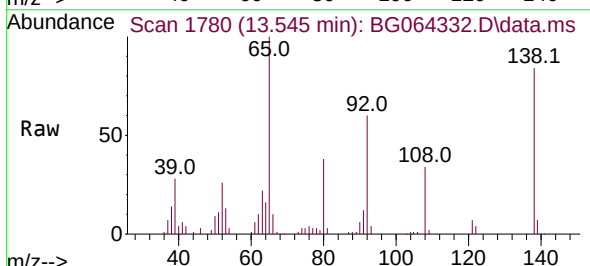
Reviewed By :Rahul Chavli 09/11/2025

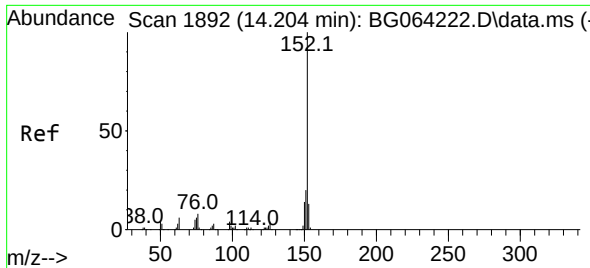
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 49.852 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion: 65 Resp: 63669
Ion Ratio Lower Upper
65 100
92 59.9 49.2 73.8
138 84.4 76.8 115.2





#49

Acenaphthylene

Concen: 50.504 ng

RT: 14.192 min Scan# 1892

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion:152 Resp: 279750

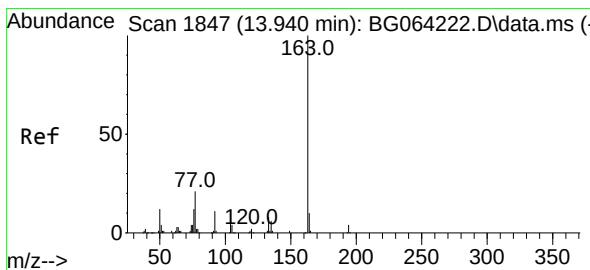
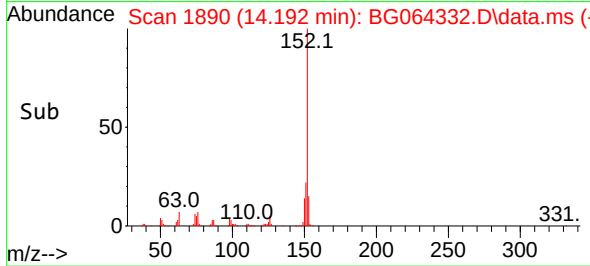
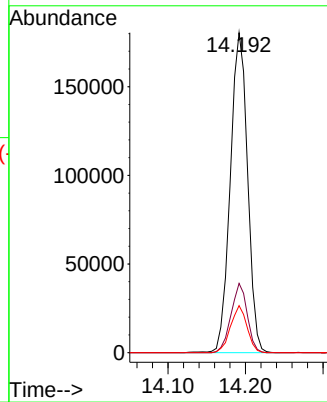
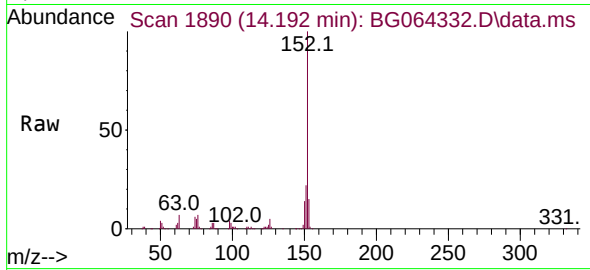
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2
153	14.7	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#50

Dimethylphthalate

Concen: 45.262 ng

RT: 13.933 min Scan# 1846

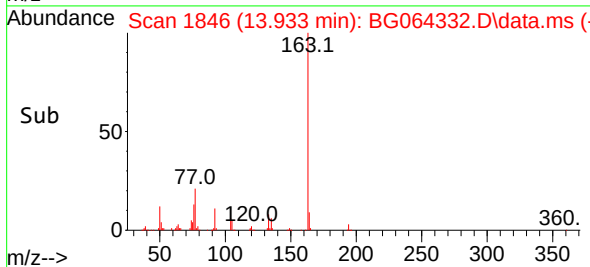
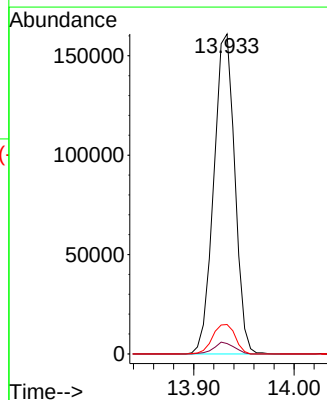
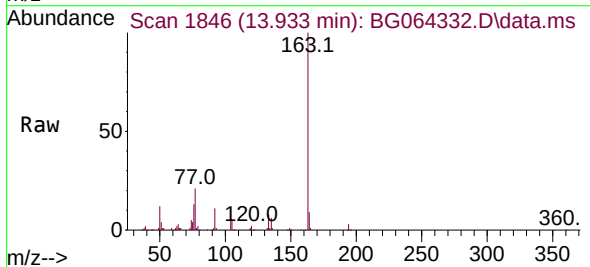
Delta R.T. -0.013 min

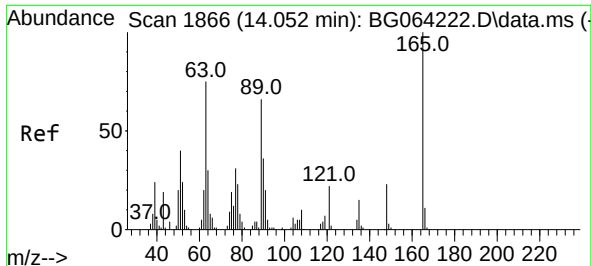
Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Tgt Ion:163 Resp: 234447

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.2	7.9	11.9





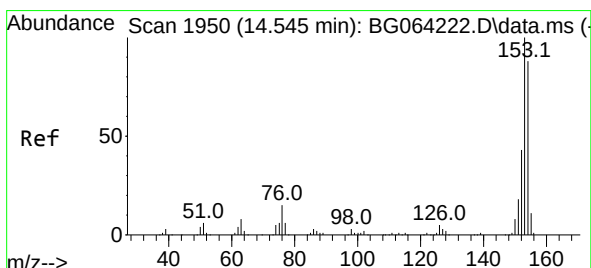
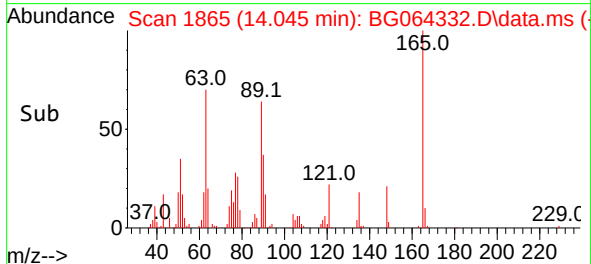
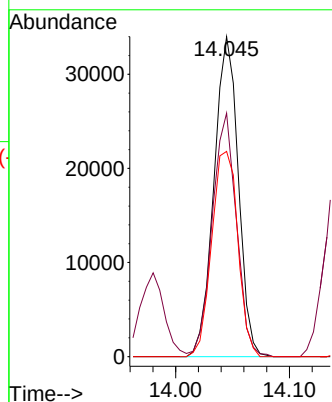
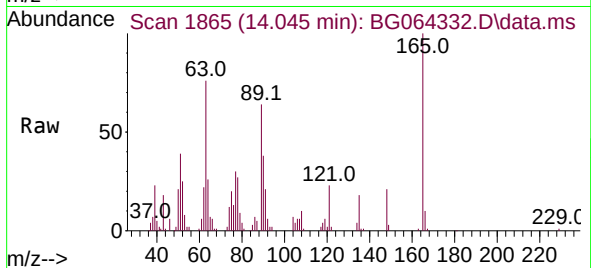
#51
2,6-Dinitrotoluene
Concen: 50.305 ng
RT: 14.045 min Scan# 1866
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion:165 Resp: 50445
Ion Ratio Lower Upper
165 100
63 76.1 60.3 90.5
89 64.1 52.9 79.3

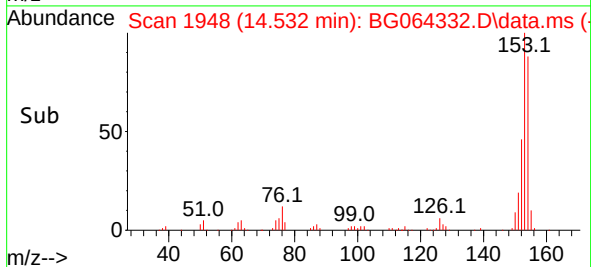
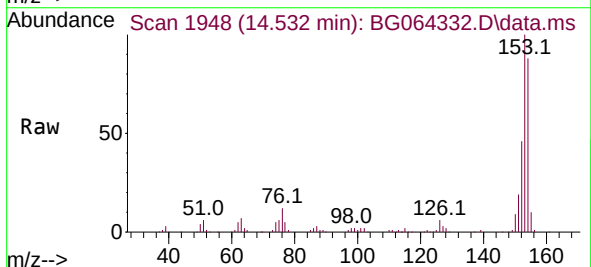
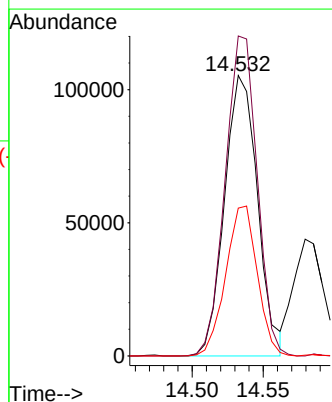
Manual Integrations
APPROVED

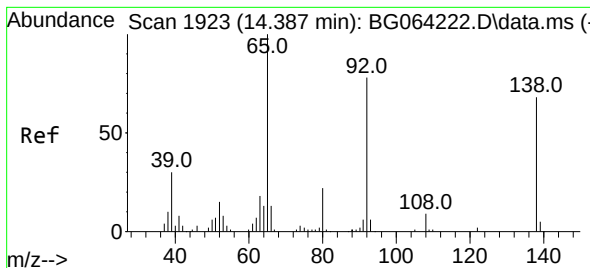
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#52
Acenaphthene
Concen: 43.588 ng
RT: 14.532 min Scan# 1948
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:154 Resp: 170385
Ion Ratio Lower Upper
154 100
153 114.1 91.1 136.7
152 52.7 39.6 59.4





#53

3-Nitroaniline

Concen: 35.765 ng

RT: 14.374 min Scan# 1923

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

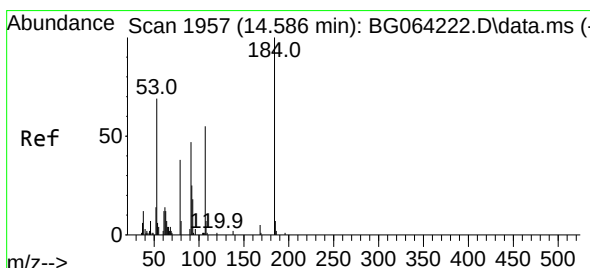
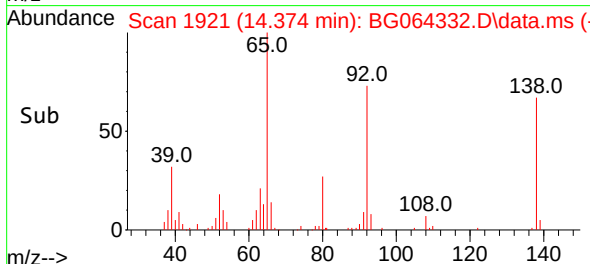
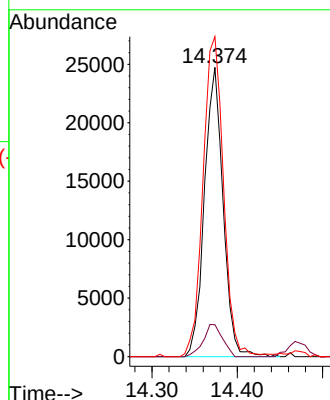
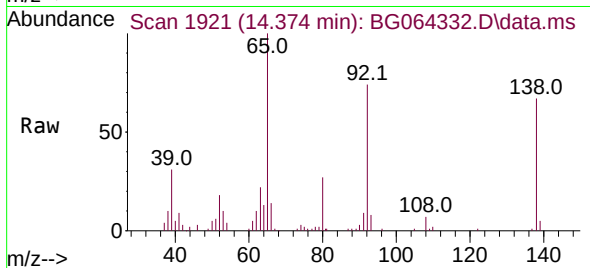
Tgt Ion:138	Resp:	37568
Ion Ratio	Lower	Upper
138	100	
108	11.1	11.0 16.6
92	110.7	91.4 137.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#54

2,4-Dinitrophenol

Concen: 106.221 ng

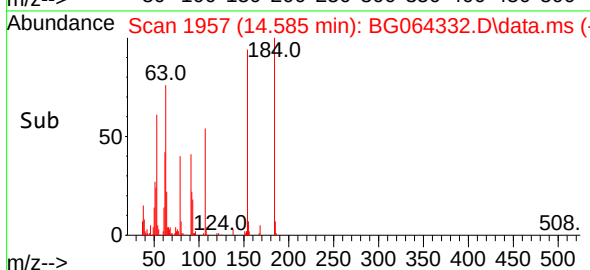
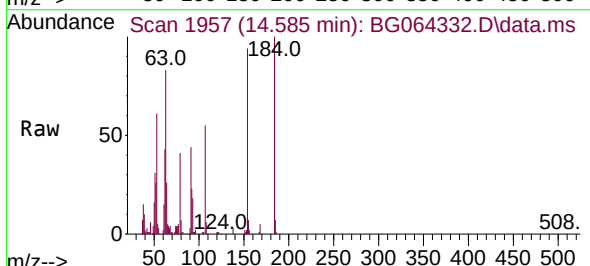
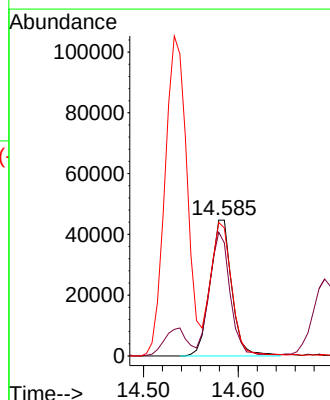
RT: 14.585 min Scan# 1957

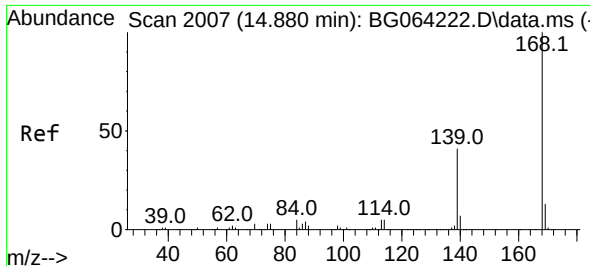
Delta R.T. -0.007 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

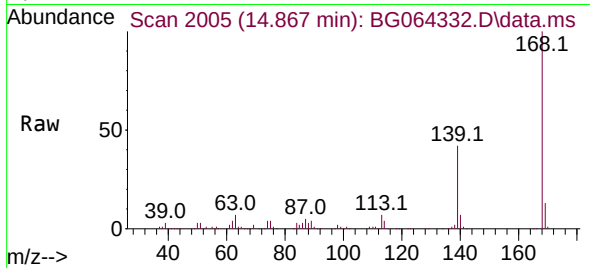
Tgt Ion:184	Resp:	70898
Ion Ratio	Lower	Upper
184	100	
63	83.1	60.1 90.1
154	94.2	59.8 89.8





#55
Dibenzenofuran
Concen: 45.383 ng
RT: 14.867 min Scan# 2007
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

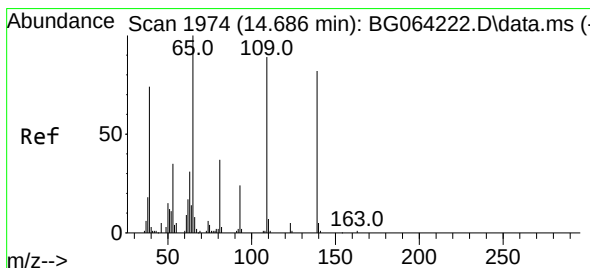
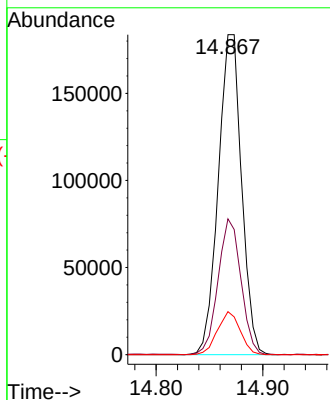
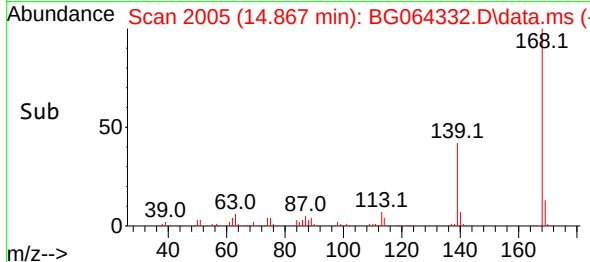
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:168 Resp: 27904
Ion Ratio Lower Upper
168 100
139 42.4 33.2 49.8
169 13.4 10.4 15.6

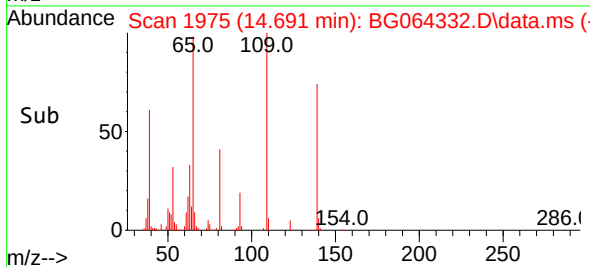
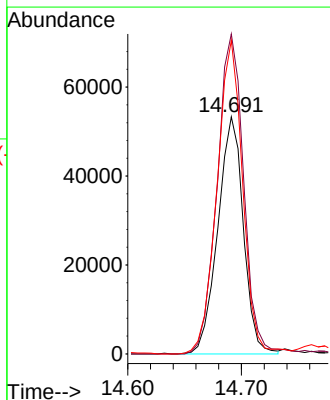
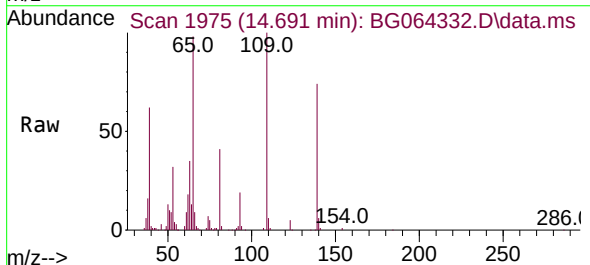
Manual Integrations
APPROVED

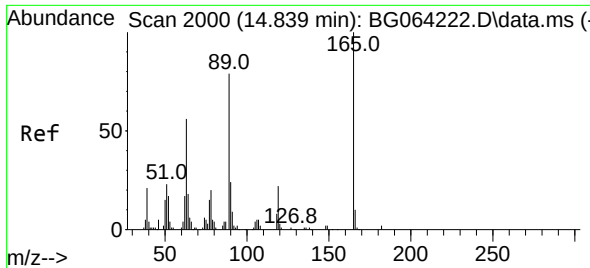
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#56
4-Nitrophenol
Concen: 96.482 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.007 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:139 Resp: 83133
Ion Ratio Lower Upper
139 100
109 135.0 89.1 129.1#
65 132.2 102.9 142.9





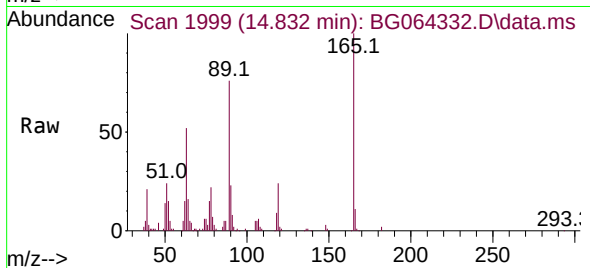
#57
2,4-Dinitrotoluene
Concen: 51.356 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

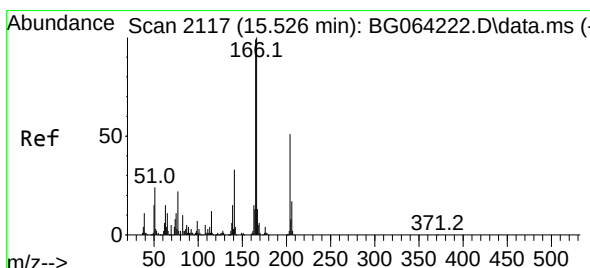
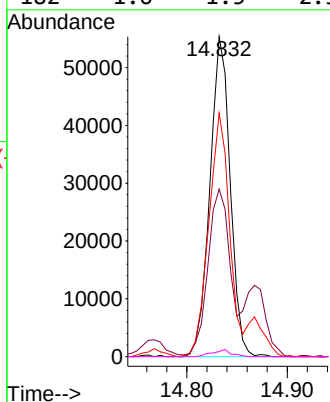
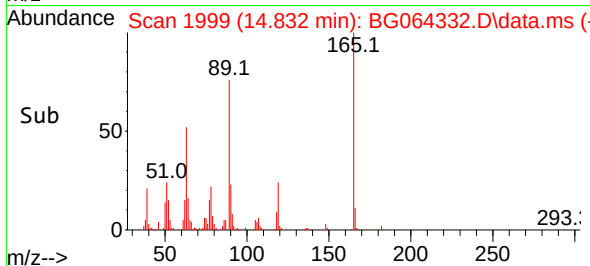


Tgt Ion:165 Resp: 77862
Ion Ratio Lower Upper
165 100
63 52.3 44.6 67.0
89 76.0 63.0 94.4
182 1.6 1.5 2.3

Manual Integrations

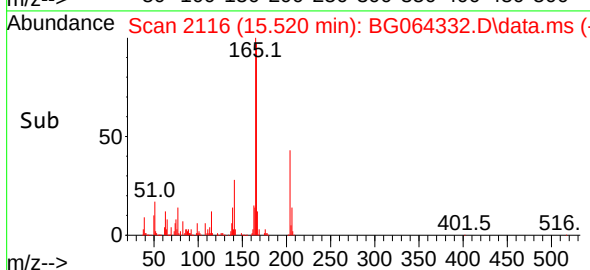
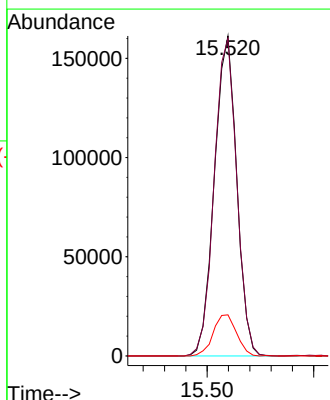
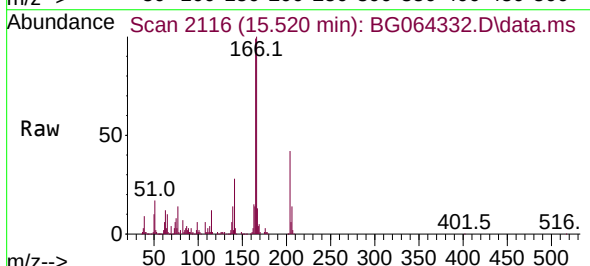
APPROVED

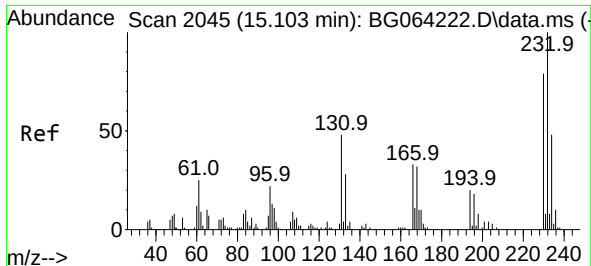
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#58
Fluorene
Concen: 46.605 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:166 Resp: 234869
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 12.8 10.2 15.4





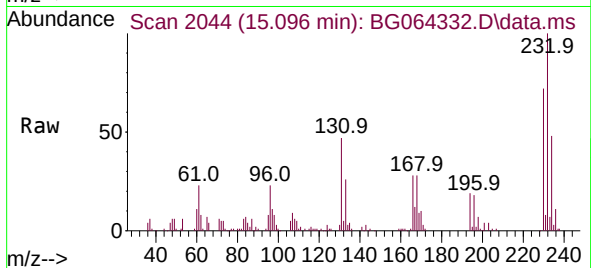
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.172 ng
RT: 15.096 min Scan# 2044
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS



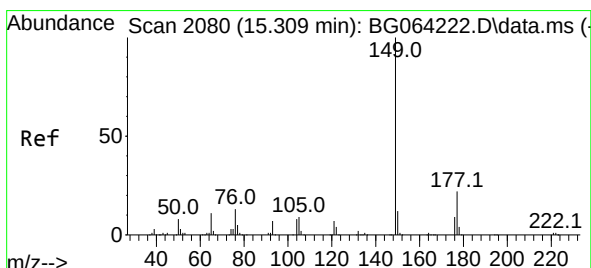
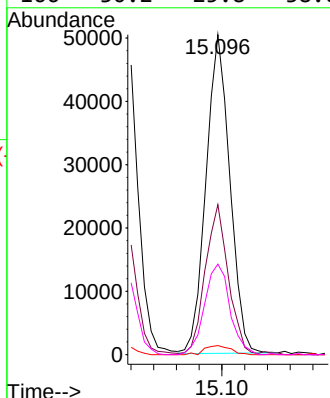
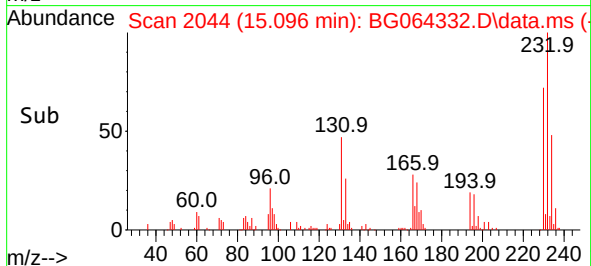
Tgt Ion:232 Resp: 73214
Ion Ratio Lower Upper
232 100
131 44.8 37.1 55.7
130 3.1 2.6 3.8
166 30.2 25.8 38.6

Manual Integrations

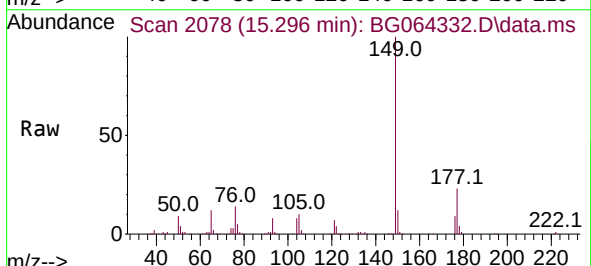
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

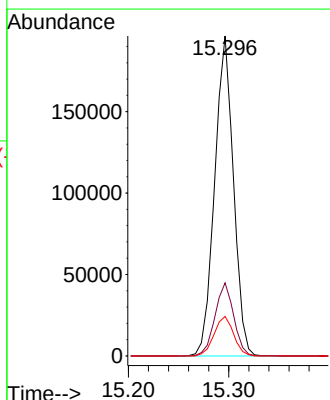
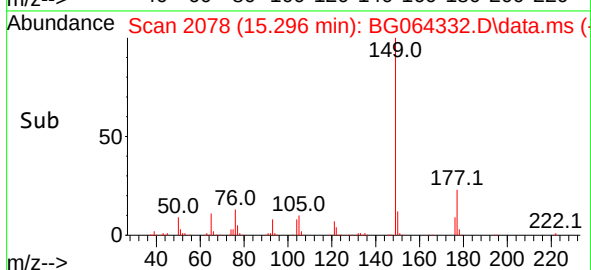
Supervised By :Jagrut Upadhyay 09/11/2025

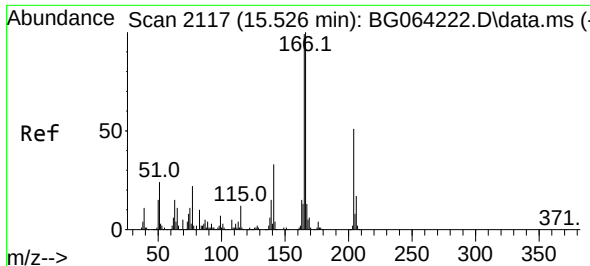


#60
Diethylphthalate
Concen: 46.214 ng
RT: 15.296 min Scan# 2078
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion:149 Resp: 256186
Ion Ratio Lower Upper
149 100
177 22.8 17.5 26.3
150 12.3 9.9 14.9





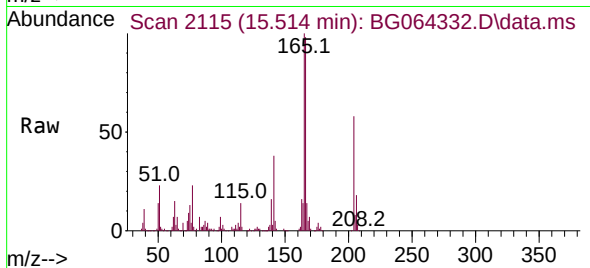
#61
4-Chlorophenyl-phenylether
Concen: 48.069 ng
RT: 15.514 min Scan# 2115
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

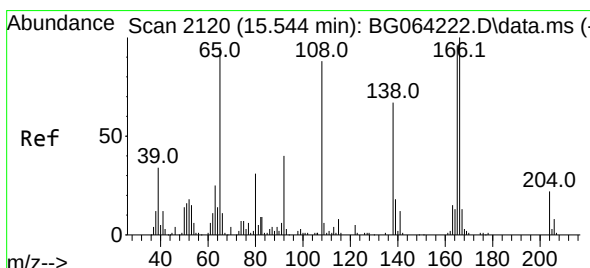
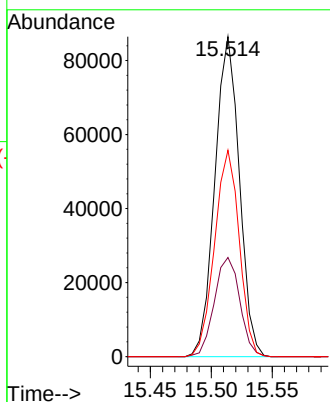
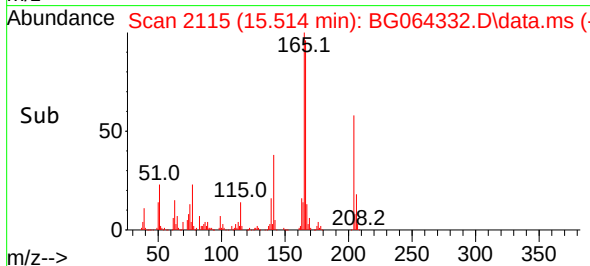


Tgt Ion:204 Resp: 120779
Ion Ratio Lower Upper
204 100
206 31.0 26.2 39.4
141 64.5 51.9 77.9

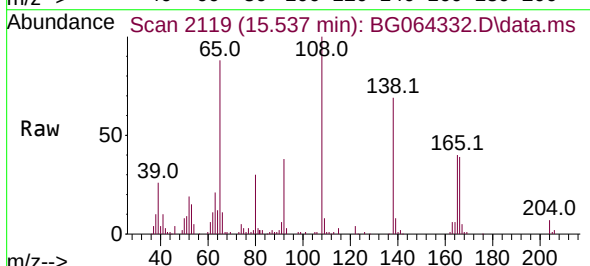
Manual Integrations

APPROVED

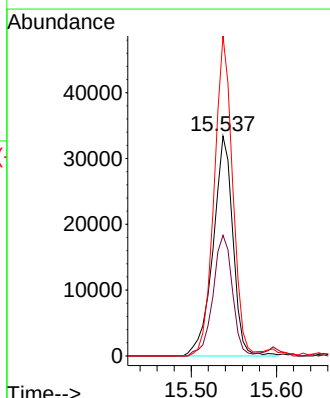
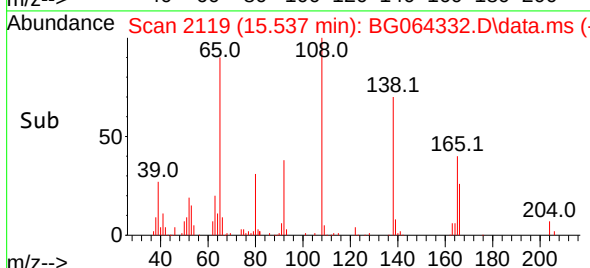
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

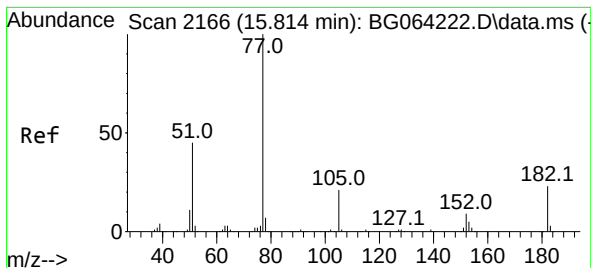


#62
4-Nitroaniline
Concen: 50.269 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



Tgt Ion:138 Resp: 53880
Ion Ratio Lower Upper
138 100
92 54.8 39.1 79.1
108 145.6 111.3 151.3





#63

Azobenzene

Concen: 43.569 ng

RT: 15.807 min Scan# 2166

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion: 77 Resp: 215269

Ion Ratio Lower Upper

77 100

182 27.5 3.3 43.3

105 19.9 0.6 40.6

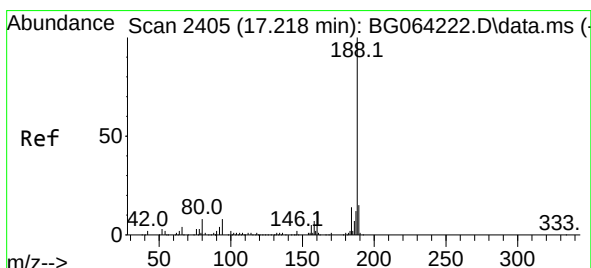
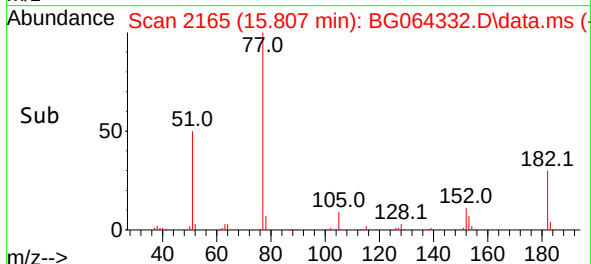
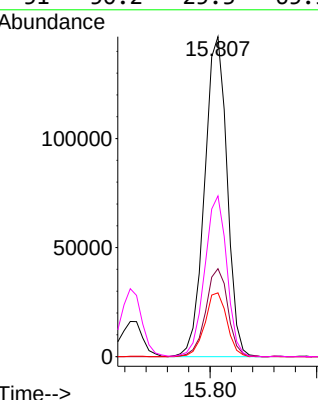
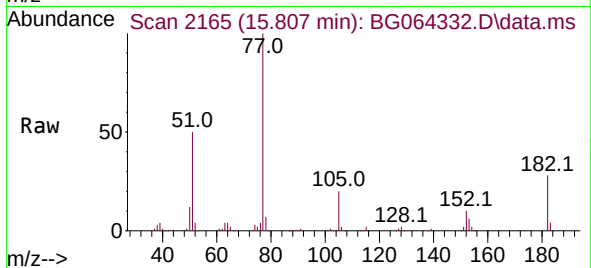
51 50.2 25.3 65.3

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: 17.212 min Scan# 2404

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

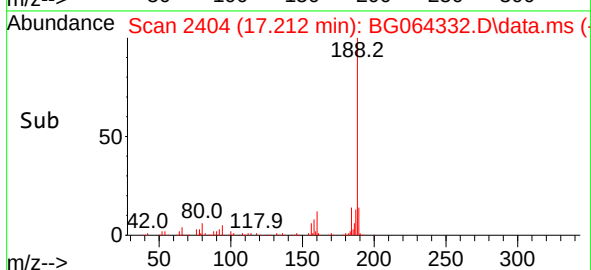
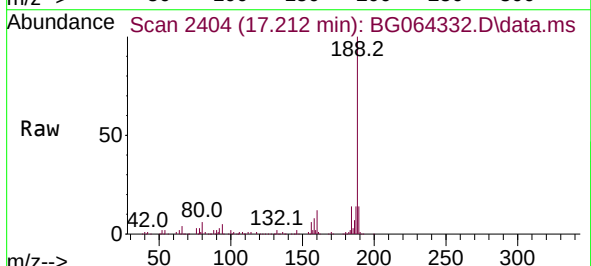
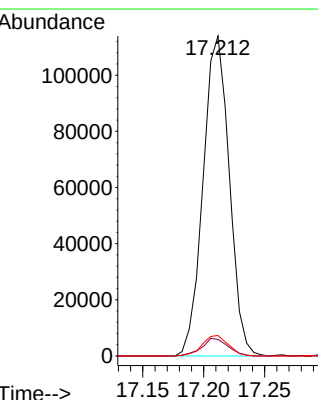
Tgt Ion:188 Resp: 170264

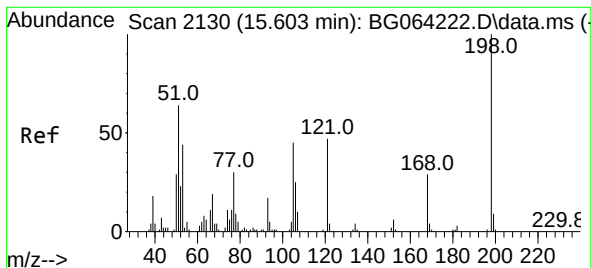
Ion Ratio Lower Upper

188 100

94 5.1 6.2 9.4#

80 6.4 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 54.399 ng
RT: 15.596 min Scan# 2111
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

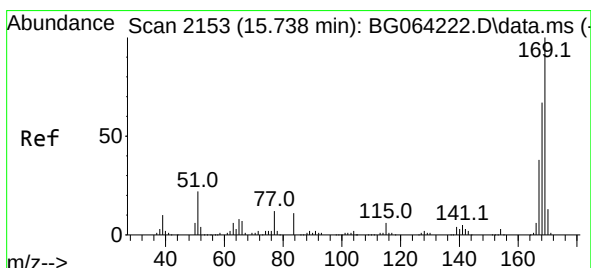
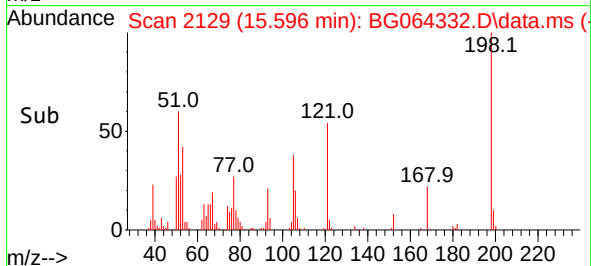
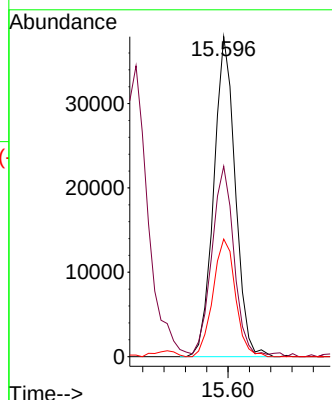
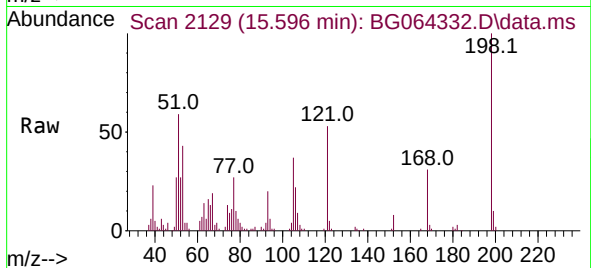
PB169566BS

Tgt Ion:198 Resp: 5317
Ion Ratio Lower Upper
198 100
51 59.5 46.2 86.2
105 36.7 25.0 65.0

Manual Integrations

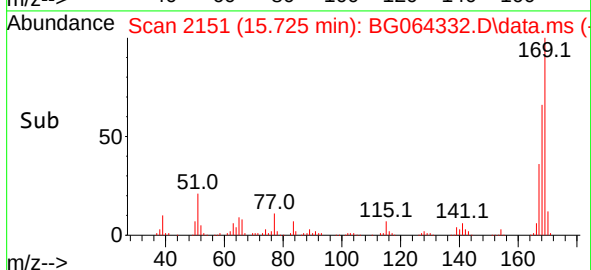
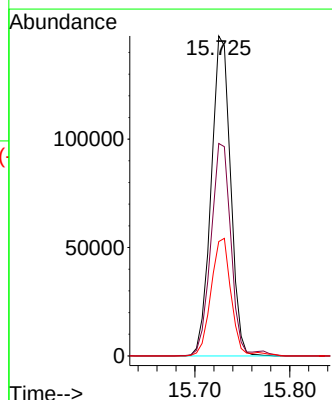
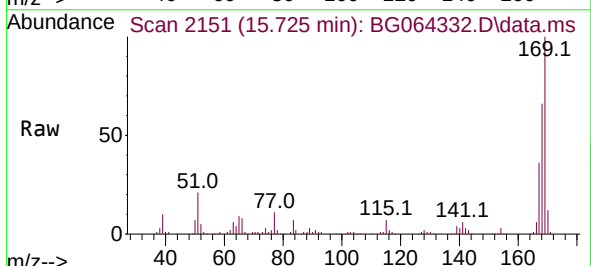
APPROVED

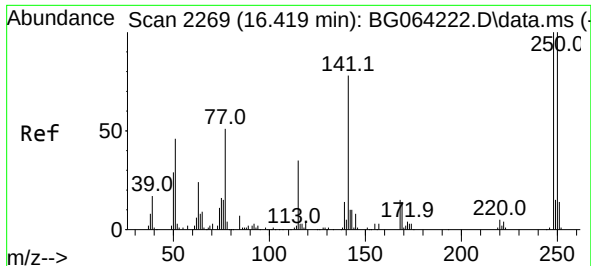
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 44.764 ng
RT: 15.725 min Scan# 2151
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

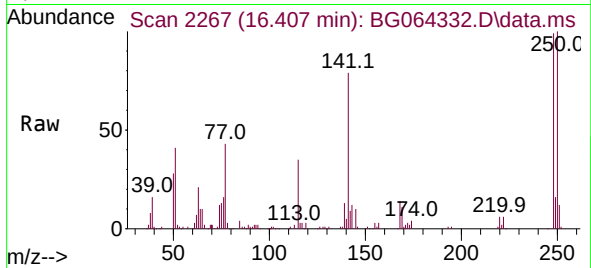
Tgt Ion:169 Resp: 209667
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 35.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 47.778 ng
RT: 16.407 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

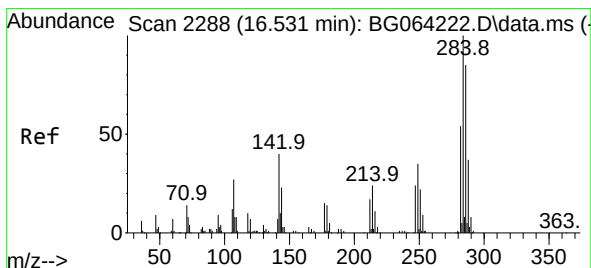
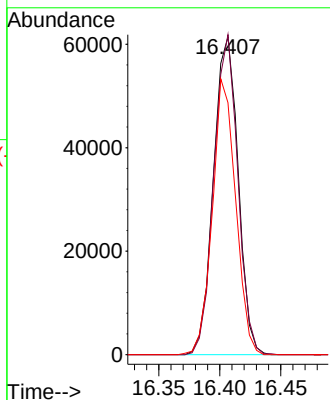
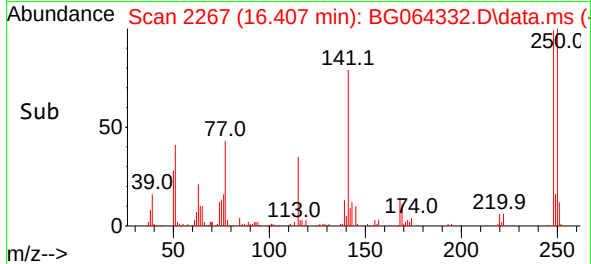
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:248 Resp: 86403
Ion Ratio Lower Upper
248 100
250 100.7 80.2 120.4
141 79.3 62.4 93.6

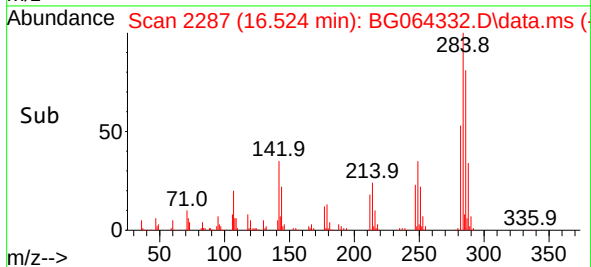
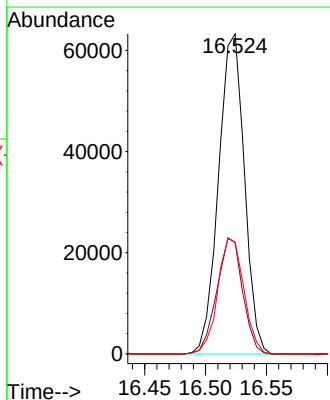
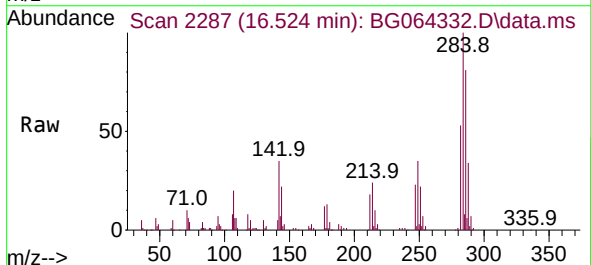
Manual Integrations
APPROVED

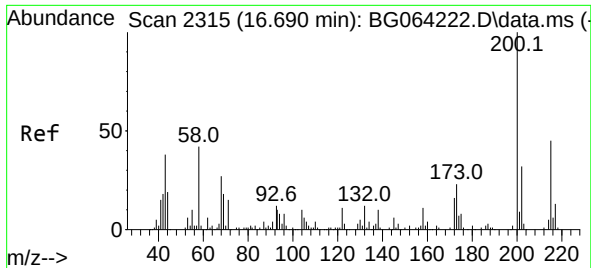
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#68
Hexachlorobenzene
Concen: 46.442 ng
RT: 16.524 min Scan# 2287
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

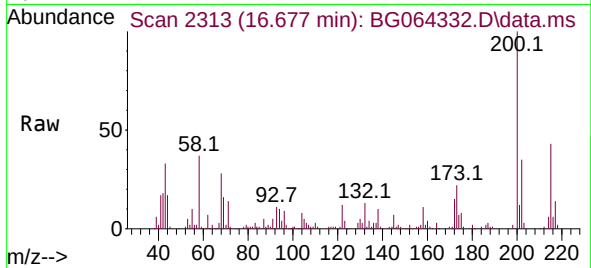
Tgt Ion:284 Resp: 93266
Ion Ratio Lower Upper
284 100
142 34.8 32.1 48.1
249 34.9 28.3 42.5





#69
 Atrazine
 Concen: 48.740 ng
 RT: 16.677 min Scan# 2313
 Delta R.T. -0.019 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39

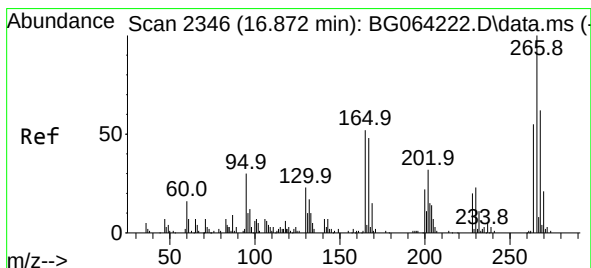
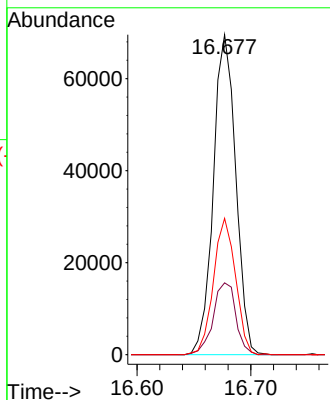
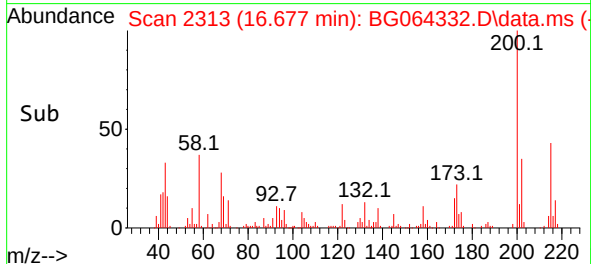
Instrument :
 BNA_G
 ClientSampleId :
 PB169566BS



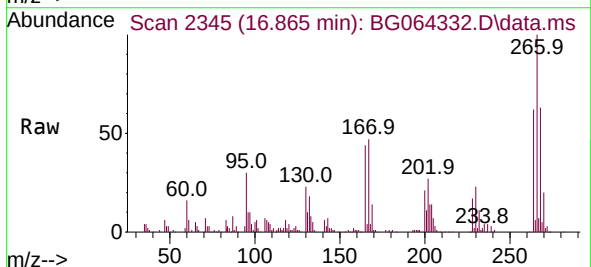
Tgt Ion:200 Resp: 95321
 Ion Ratio Lower Upper
 200 100
 173 22.4 3.5 43.5
 215 42.6 24.8 64.8

Manual Integrations
 APPROVED

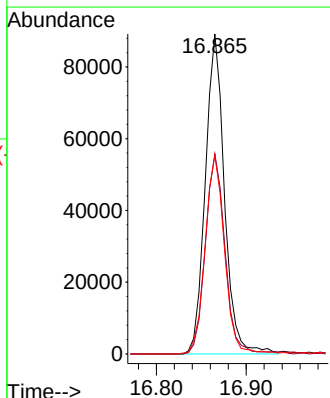
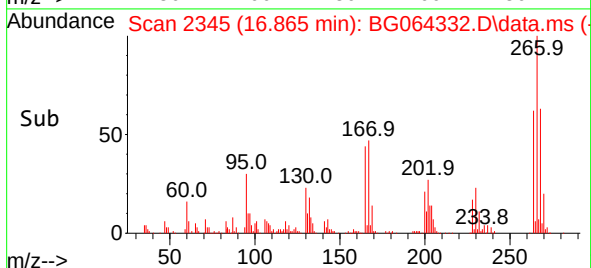
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

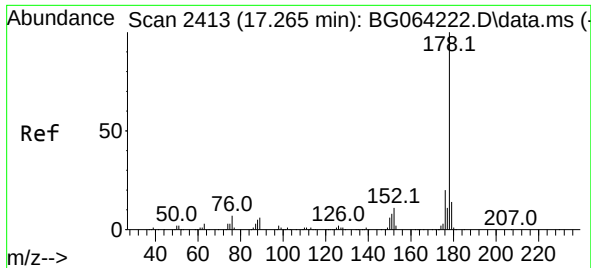


#70
 Pentachlorophenol
 Concen: 108.990 ng
 RT: 16.865 min Scan# 2345
 Delta R.T. -0.013 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39



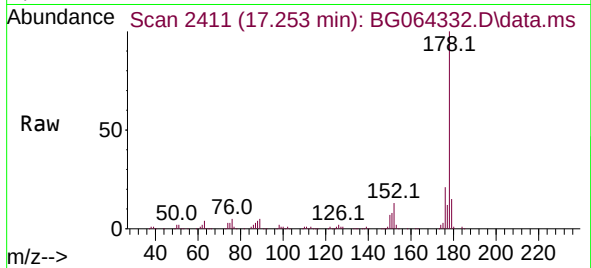
Tgt Ion:266 Resp: 132714
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.4 74.0
 264 62.0 44.3 66.5





#71
Phenanthrene
Concen: 44.491 ng
RT: 17.253 min Scan# 2411
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

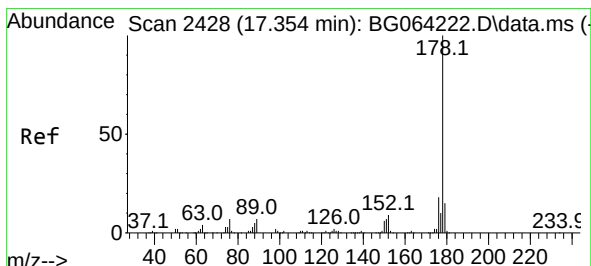
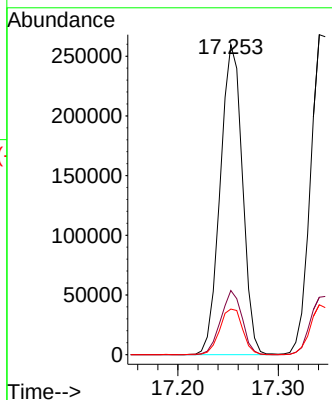
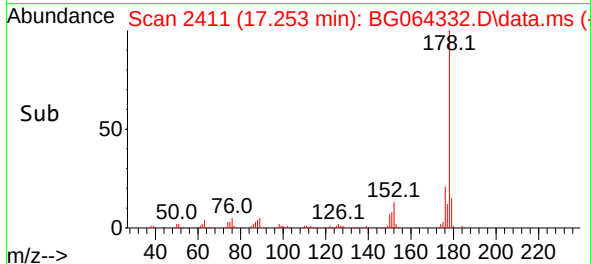
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:178 Resp: 399538
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 14.7 11.4 17.2

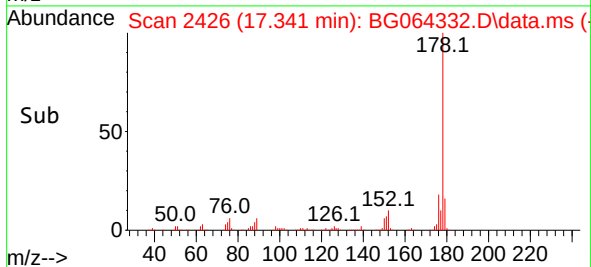
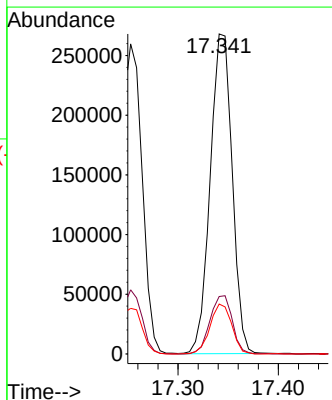
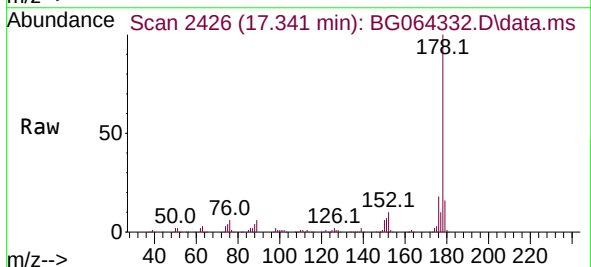
Manual Integrations
APPROVED

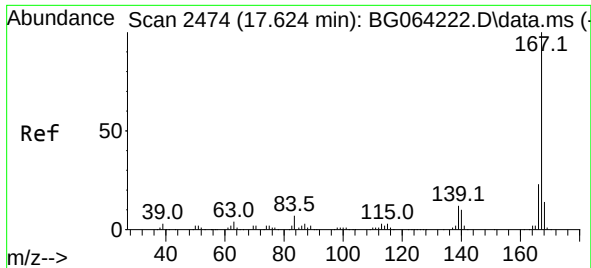
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#72
Anthracene
Concen: 44.778 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

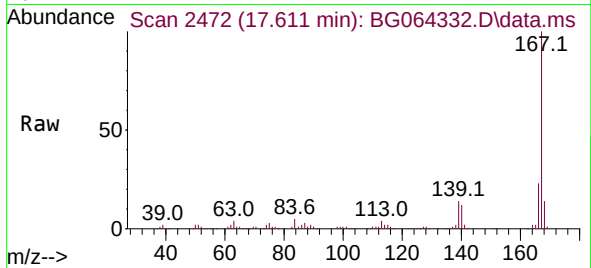
Tgt Ion:178 Resp: 409040
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.6 12.1 18.1





#73
Carbazole
Concen: 45.238 ng
RT: 17.611 min Scan# 2474
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

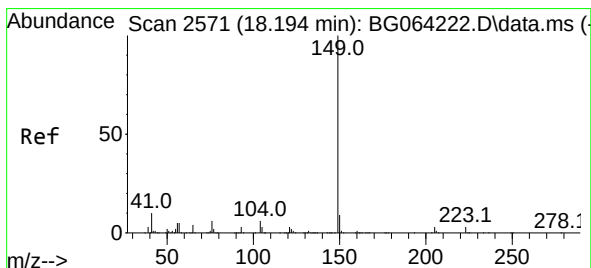
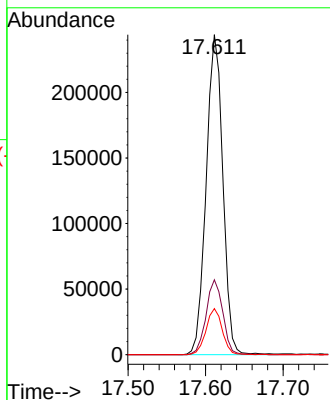
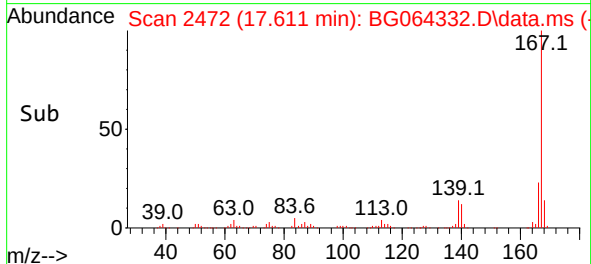
Instrument :
BNA_G
ClientSampleId :
PB169566BS



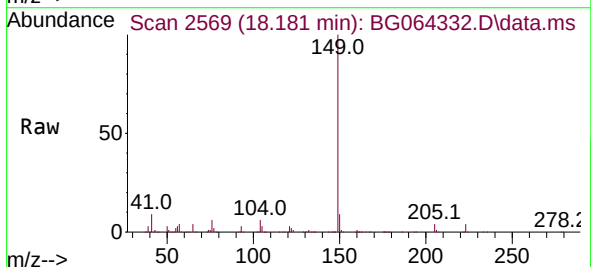
Tgt Ion:167 Resp: 364043
Ion Ratio Lower Upper
167 100
166 23.4 18.2 27.2
139 14.4 9.8 14.6

Manual Integrations
APPROVED

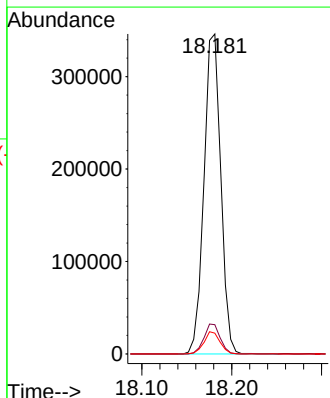
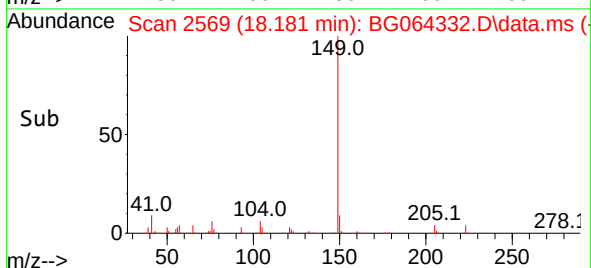
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

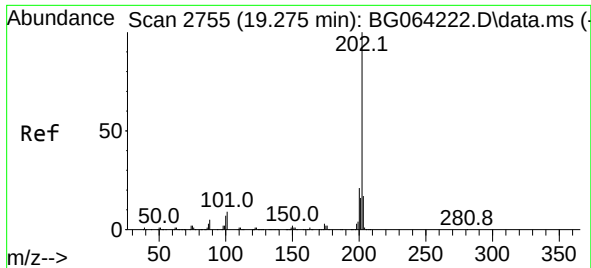


#74
Di-n-butylphthalate
Concen: 46.480 ng
RT: 18.181 min Scan# 2569
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39



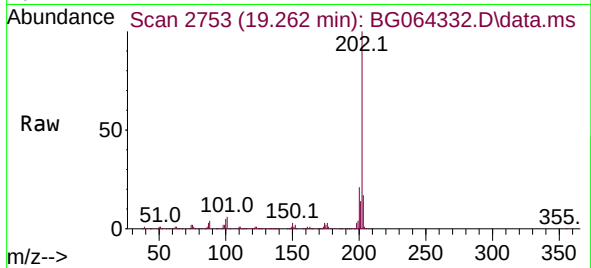
Tgt Ion:149 Resp: 449377
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 47.264 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

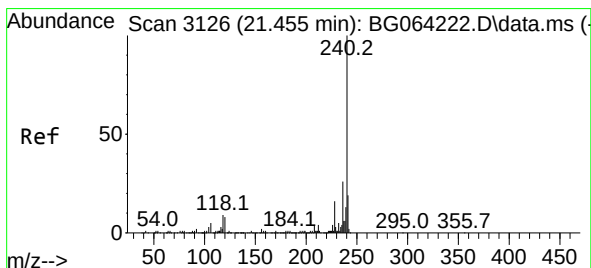
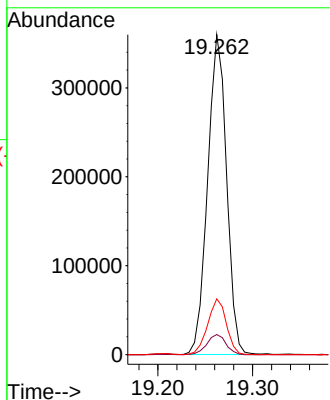
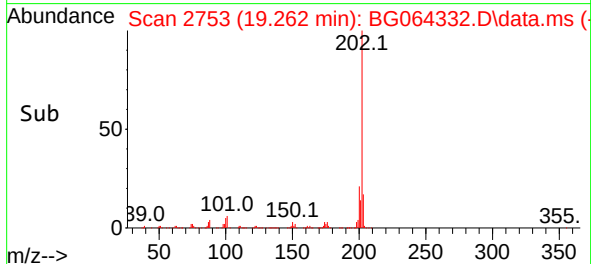
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:202 Resp: 499062
Ion Ratio Lower Upper
202 100
101 6.3 0.0 28.7
203 17.4 0.0 36.9

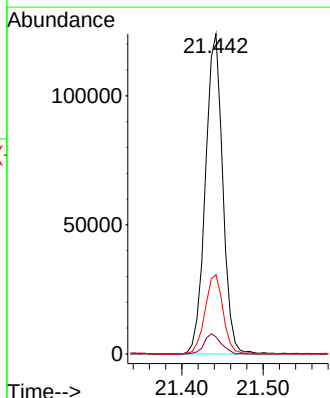
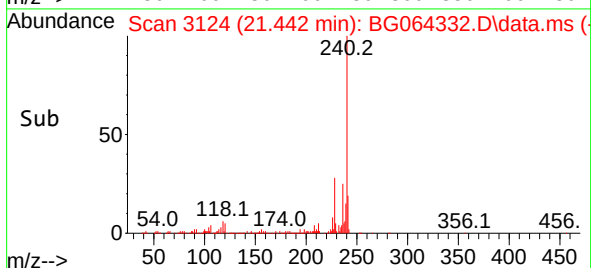
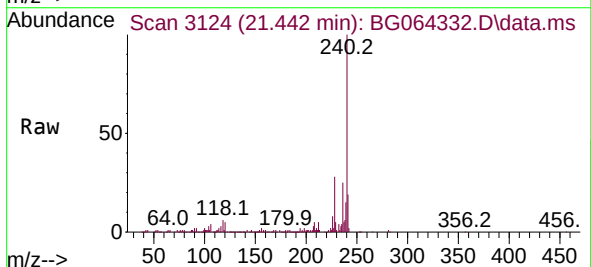
Manual Integrations
APPROVED

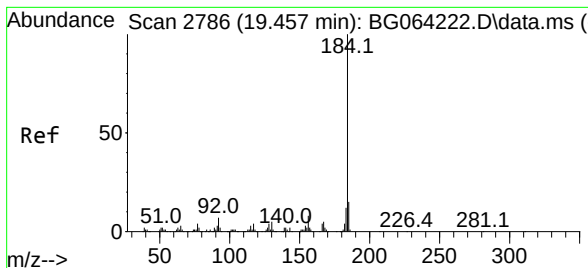
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:240 Resp: 183977
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 24.8 20.5 30.7





#77

Benzidine

Concen: 40.522 ng

RT: 19.444 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion:184 Resp: 156836

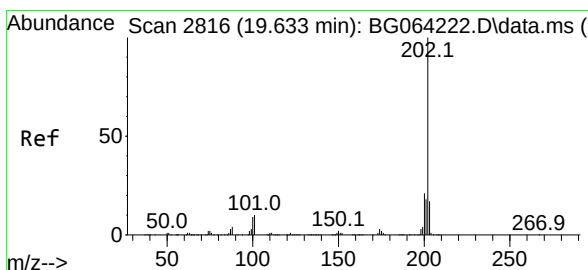
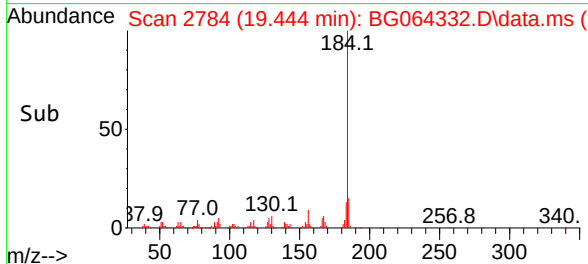
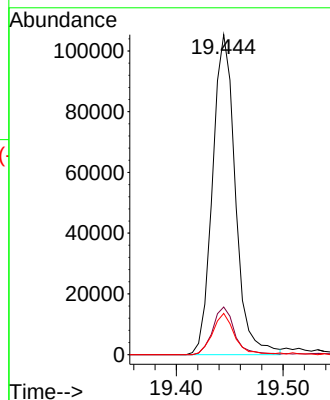
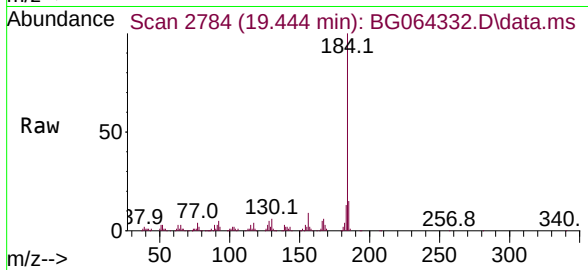
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.7	17.5
183	12.9	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#78

Pyrene

Concen: 44.469 ng

RT: 19.626 min Scan# 2815

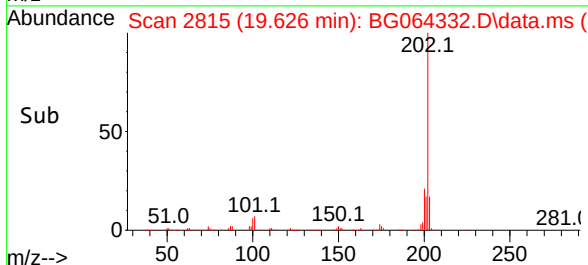
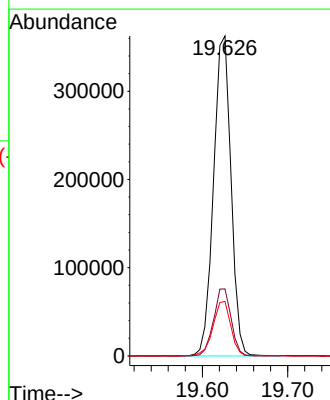
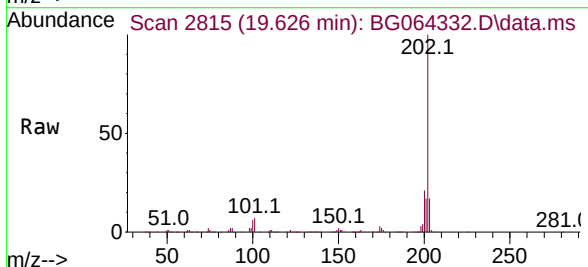
Delta R.T. -0.013 min

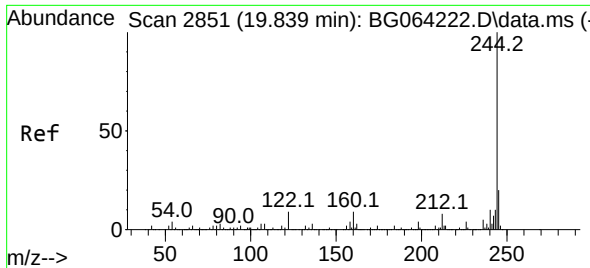
Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Tgt Ion:202 Resp: 515436

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.0	13.8	20.8





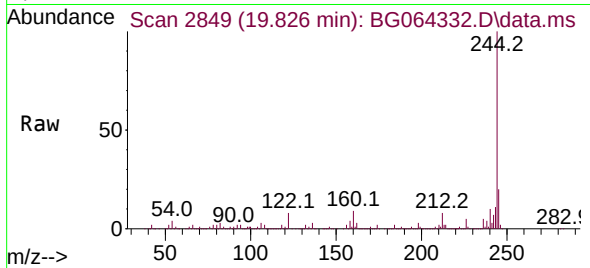
#79
 Terphenyl-d14
 Concen: 90.225 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.019 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

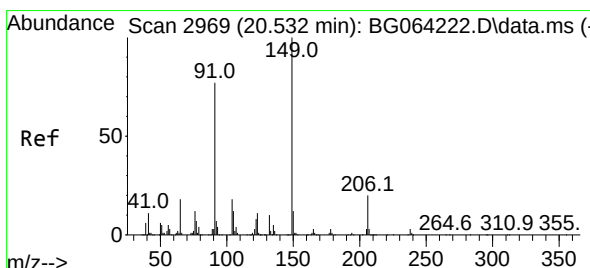
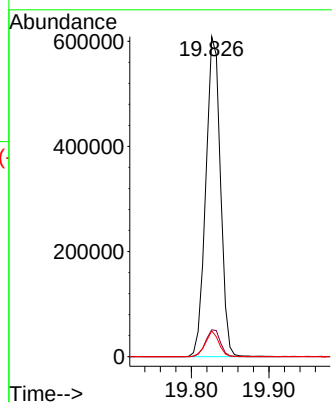
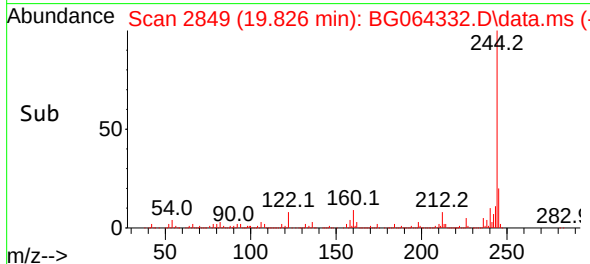


Tgt Ion:244 Resp: 795618
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 8.0 7.0 10.6

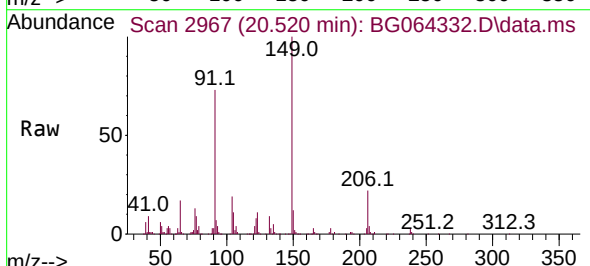
Manual Integrations

APPROVED

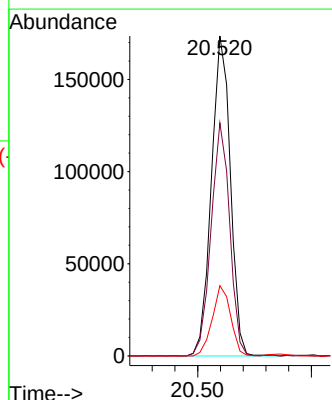
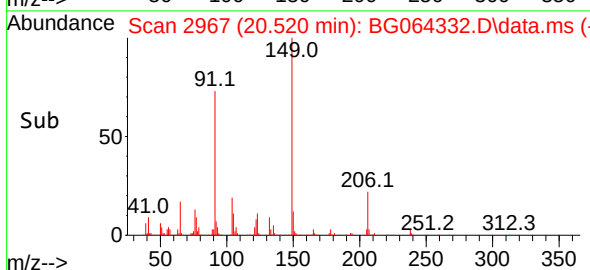
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

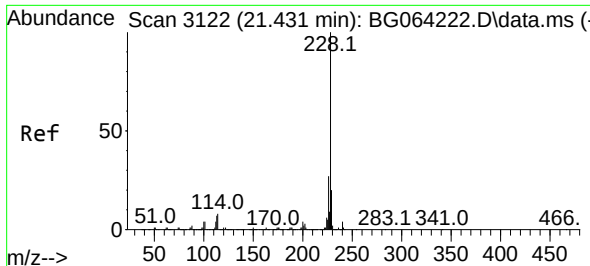


#80
 Butylbenzylphthalate
 Concen: 46.037 ng
 RT: 20.520 min Scan# 2967
 Delta R.T. -0.013 min
 Lab File: BG064332.D
 Acq: 10 Sep 2025 14:39



Tgt Ion:149 Resp: 201264
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.4 92.0
 206 21.9 15.8 23.6





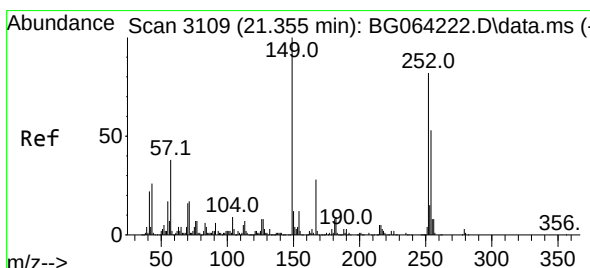
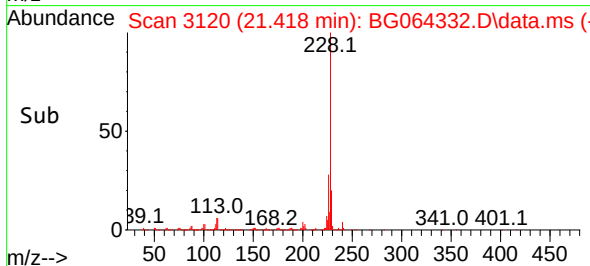
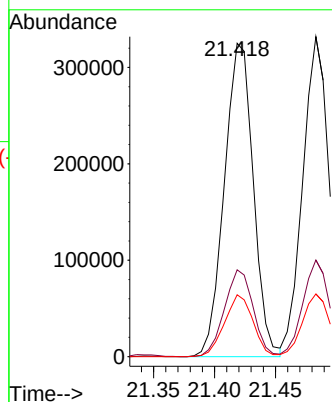
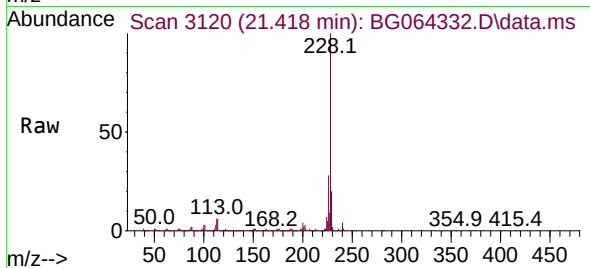
#81
Benzo(a)anthracene
Concen: 45.632 ng
RT: 21.418 min Scan# 3122
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion:228 Resp: 537093
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.7 15.9 23.9

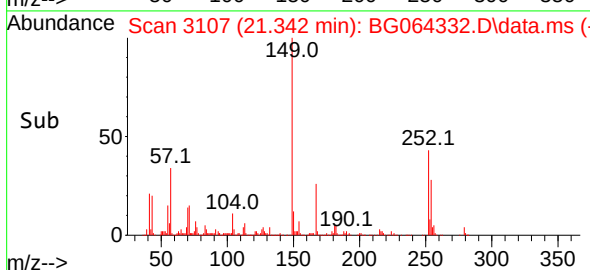
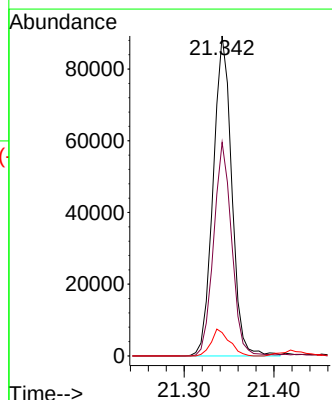
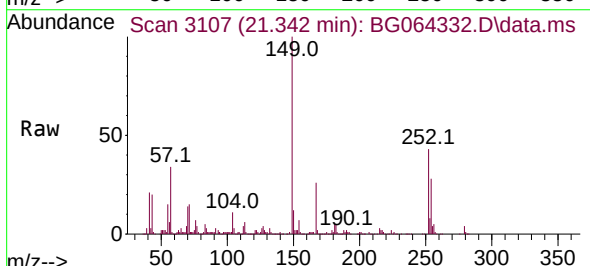
Manual Integrations
APPROVED

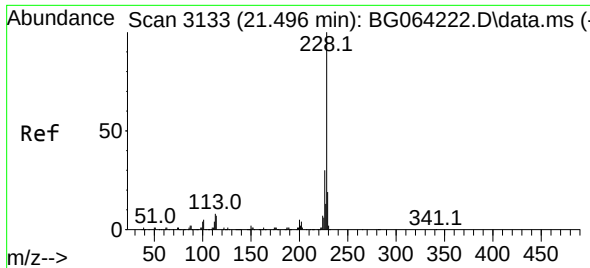
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.577 ng
RT: 21.342 min Scan# 3107
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:252 Resp: 128708
Ion Ratio Lower Upper
252 100
254 66.7 51.9 77.9
126 7.3 7.6 11.4





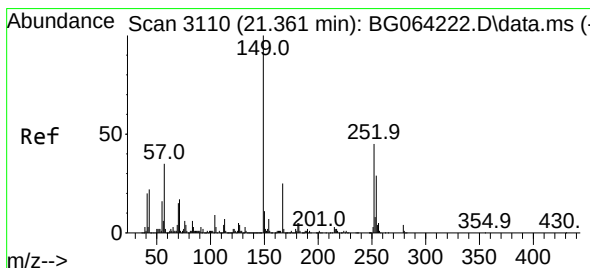
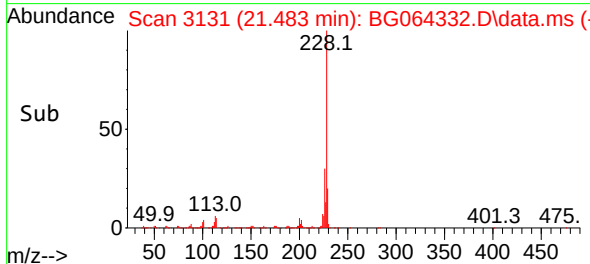
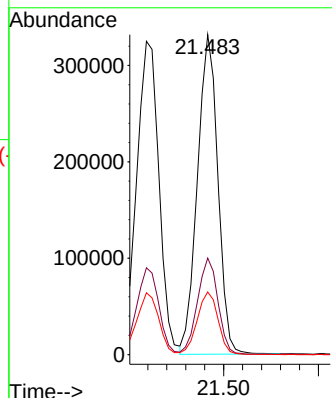
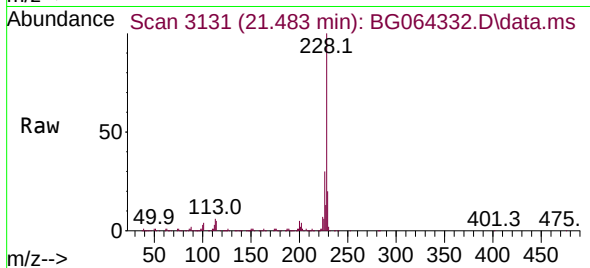
#83
Chrysene
Concen: 44.028 ng
RT: 21.483 min Scan# 3110
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :
BNA_G
ClientSampleId :
PB169566BS

Tgt Ion:228 Resp: 497502
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.4 23.2

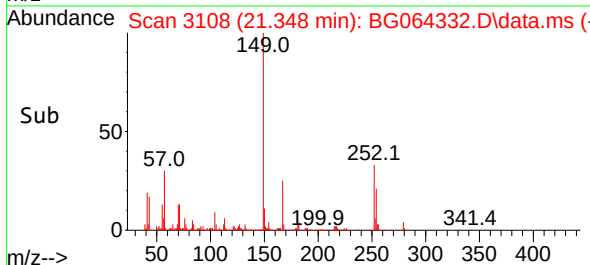
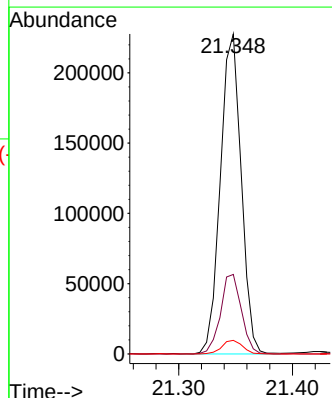
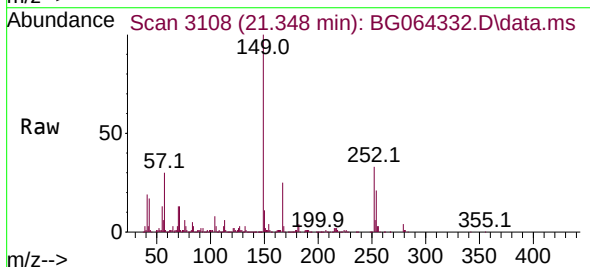
Manual Integrations
APPROVED

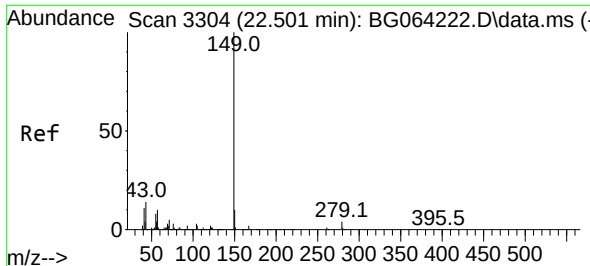
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.080 ng
RT: 21.348 min Scan# 3108
Delta R.T. -0.019 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

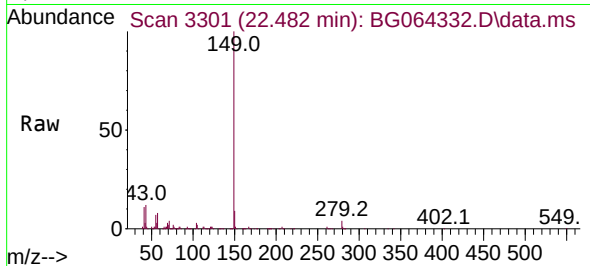
Tgt Ion:149 Resp: 289319
Ion Ratio Lower Upper
149 100
167 24.8 20.0 30.0
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.189 ng
RT: 22.482 min Scan# 3304
Delta R.T. -0.025 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

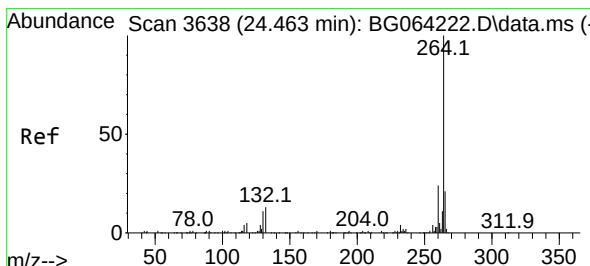
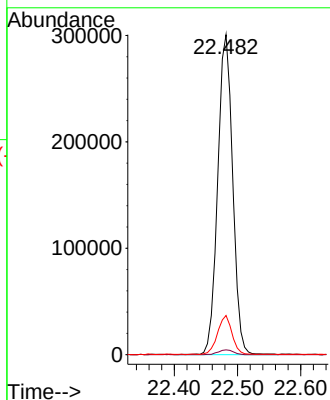
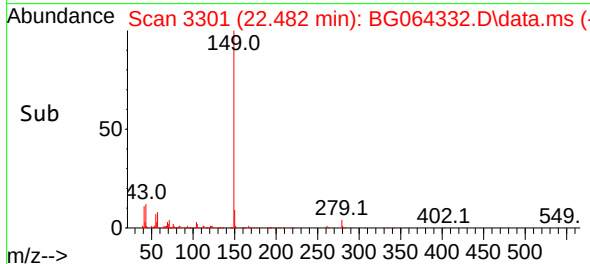
Instrument :
BNA_G
ClientSampleId :
PB169566BS



Tgt Ion:149 Resp: 493928
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 10.8 16.2

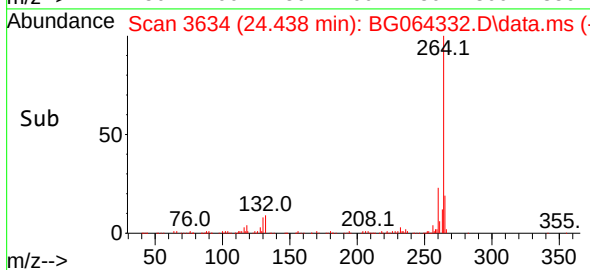
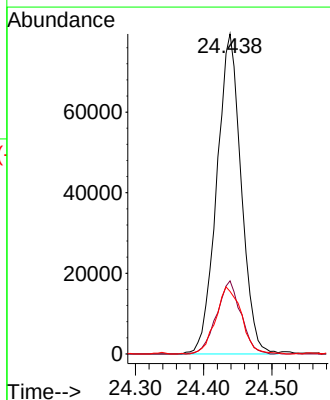
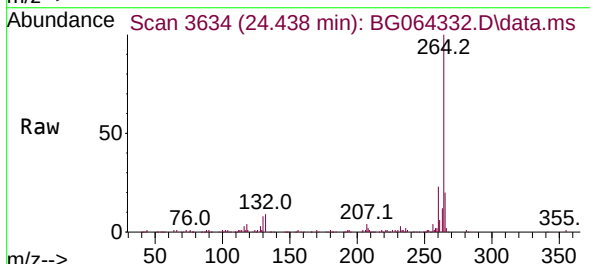
Manual Integrations
APPROVED

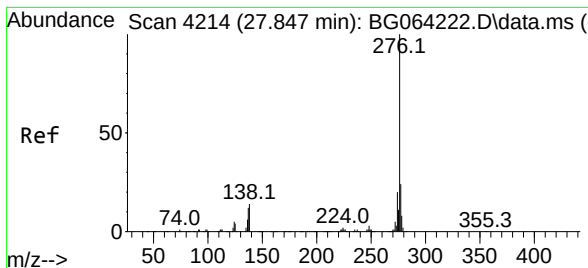
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.438 min Scan# 3634
Delta R.T. -0.025 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:264 Resp: 196411
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 19.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.580 ng

RT: 27.823 min Scan# 41

Delta R.T. -0.048 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

Tgt Ion:276 Resp: 63820

Ion Ratio Lower Upper

276 100

138 6.2 7.4 11.0

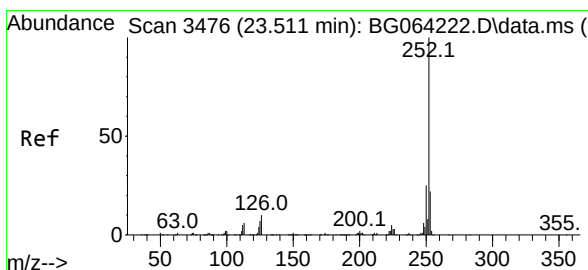
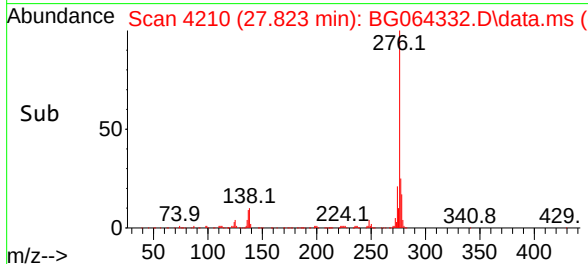
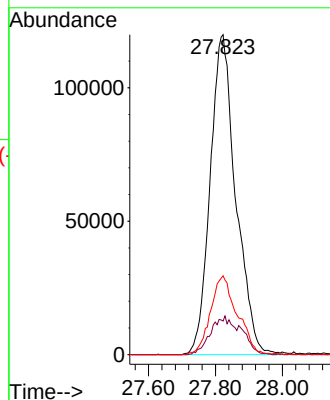
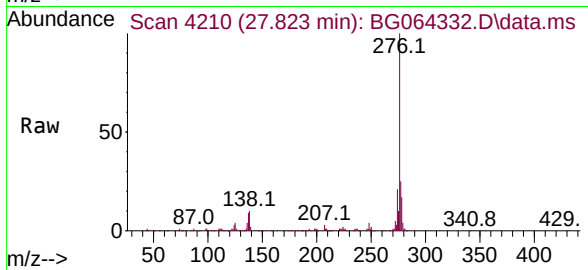
277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#88

Benzo(b)fluoranthene

Concen: 47.067 ng

RT: 23.493 min Scan# 3473

Delta R.T. -0.025 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

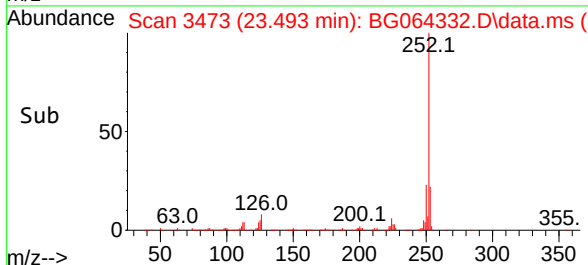
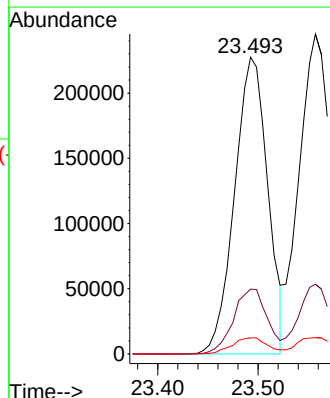
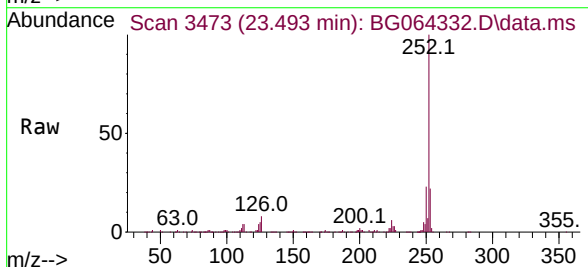
Tgt Ion:252 Resp: 521742

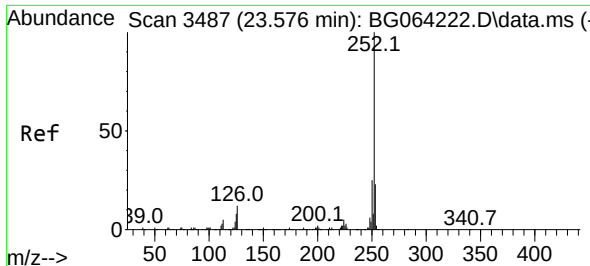
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 5.4 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 47.436 ng
RT: 23.557 min Scan# 3487
Delta R.T. -0.031 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

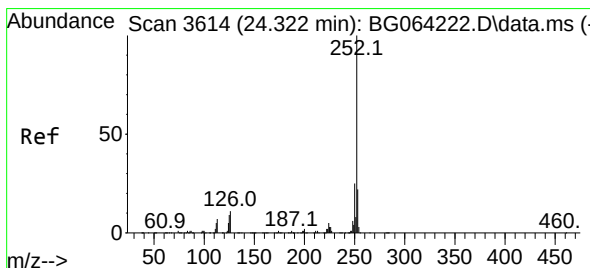
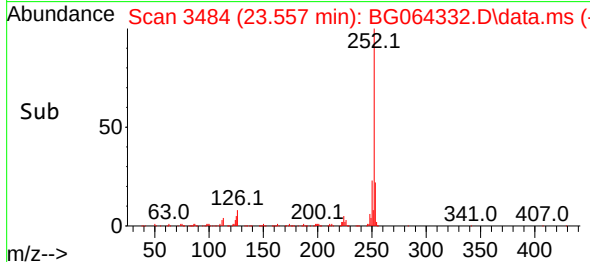
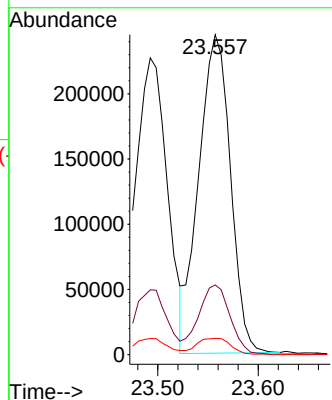
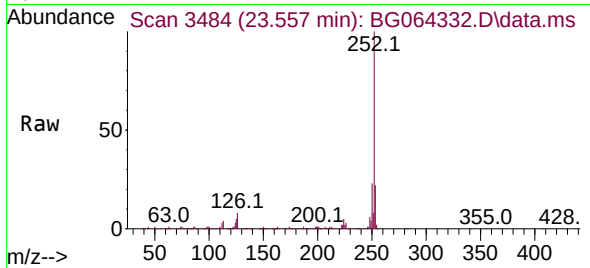
PB169566BS

Tgt Ion:252 Resp: 535711
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 5.1 7.0 10.4

Manual Integrations

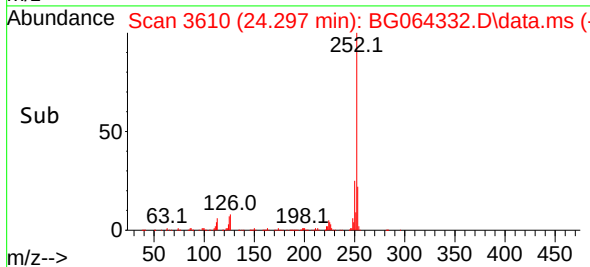
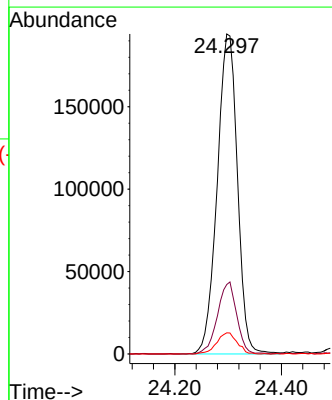
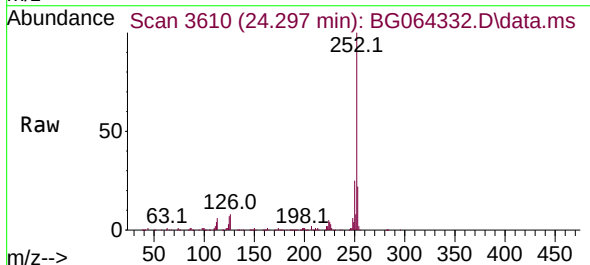
APPROVED

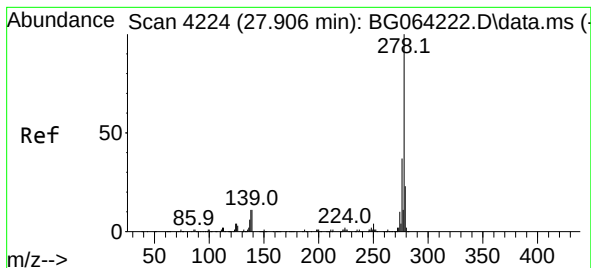
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#90
Benzo(a)pyrene
Concen: 49.546 ng
RT: 24.297 min Scan# 3610
Delta R.T. -0.031 min
Lab File: BG064332.D
Acq: 10 Sep 2025 14:39

Tgt Ion:252 Resp: 510903
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.432 ng

RT: 27.876 min Scan# 41

Delta R.T. -0.048 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Instrument :

BNA_G

ClientSampleId :

PB169566BS

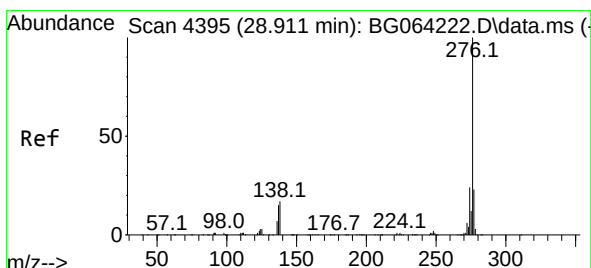
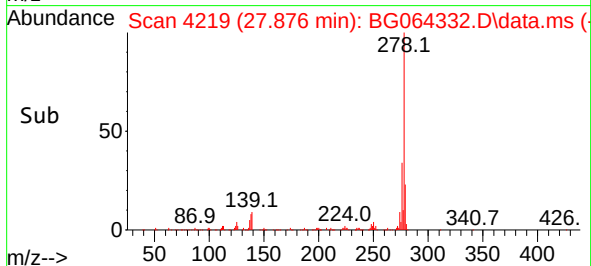
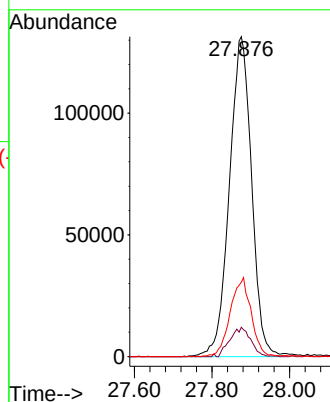
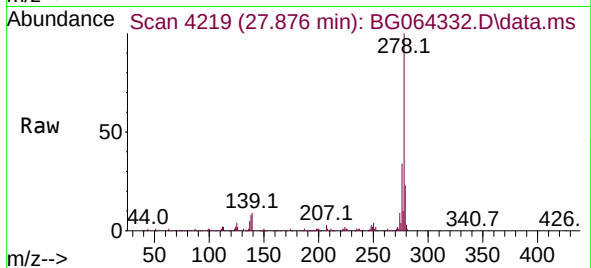
Tgt Ion:278 Resp: 521595
 Ion Ratio Lower Upper
 278 100
 139 9.2 9.0 13.4
 279 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#92

Benzo(g,h,i)perylene

Concen: 49.281 ng

RT: 28.869 min Scan# 4388

Delta R.T. -0.066 min

Lab File: BG064332.D

Acq: 10 Sep 2025 14:39

Tgt Ion:276 Resp: 516434
 Ion Ratio Lower Upper
 276 100
 277 21.7 18.2 27.4
 138 11.5 13.3 19.9#

