

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064327.D
 Acq On : 9 Sep 2025 17:10
 Operator : RC/JU
 Sample : Q3023-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Sep 09 17:50:53 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	21435	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	87069	20.000	ng	#-0.01
39) Acenaphthene-d10	14.475	164	65033	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	154698	20.000	ng	# 0.00
76) Chrysene-d12	21.449	240	181903	20.000	ng	0.00
86) Perylene-d12	24.457	264	200513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	159106	133.171	ng	0.00
7) Phenol-d6	7.025	99	194046	118.221	ng	0.00
23) Nitrobenzene-d5	9.005	82	164884	105.613	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	152811	177.400	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	412167	96.737	ng	-0.01
79) Terphenyl-d14	19.833	244	893130	102.438	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	15825	31.778	ng	# 39
3) Pyridine	3.758	79	41905	28.587	ng	# 57
4) n-Nitrosodimethylamine	3.658	42	40921	42.204	ng	# 94
6) Aniline	7.177	93	47354	20.862	ng	99
8) 2-Chlorophenol	7.418	128	61492	42.119	ng	97
9) Benzaldehyde	6.989	77	34019	25.185	ng	91
10) Phenol	7.048	94	68089	37.626	ng	90
11) bis(2-Chloroethyl)ether	7.271	93	47655	35.044	ng	98
12) 1,3-Dichlorobenzene	7.736	146	58444	37.628	ng	95
13) 1,4-Dichlorobenzene	7.882	146	60826	38.804	ng	96
14) 1,2-Dichlorobenzene	8.200	146	58290	38.530	ng	95
15) Benzyl Alcohol	8.088	79	68205	45.028	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.370	45	88961	28.654	ng	96
17) 2-Methylphenol	8.294	107	54177	40.170	ng	91
18) Hexachloroethane	8.928	117	21274	34.768	ng	# 88
19) n-Nitroso-di-n-propyla...	8.652	70	47999	38.209	ng	98
20) 3+4-Methylphenols	8.617	107	74398	39.699	ng	95
22) Acetophenone	8.670	105	110388	50.114	ng	# 99
24) Nitrobenzene	9.046	77	75027	45.996	ng	96
25) Isophorone	9.569	82	137193	42.282	ng	98
26) 2-Nitrophenol	9.751	139	36244	51.423	ng	# 86
27) 2,4-Dimethylphenol	9.816	122	64363	52.013	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	72644	41.521	ng	96
29) 2,4-Dichlorophenol	10.291	162	69236	53.028	ng	95
30) 1,2,4-Trichlorobenzene	10.503	180	68386	49.675	ng	98
31) Naphthalene	10.685	128	195265	43.248	ng	98
32) Benzoic acid	9.962	122	42809	43.581	ng	# 88
33) 4-Chloroaniline	10.797	127	15190	8.680	ng	94
34) Hexachlorobutadiene	10.979	225	51092	50.207	ng	88
35) Caprolactam	11.561	113	19256m	38.089	ng	
36) 4-Chloro-3-methylphenol	11.925	107	82086	48.456	ng	93
37) 2-Methylnaphthalene	12.295	142	137180	40.876	ng	97
38) 1-Methylnaphthalene	12.518	142	146844	44.299	ng	99
40) 1,2,4,5-Tetrachloroben...	12.665	216	100796	53.718	ng	99
41) Hexachlorocyclopentadiene	12.647	237	106049	118.917	ng	92
43) 2,4,6-Trichlorophenol	12.906	196	63970	51.006	ng	99

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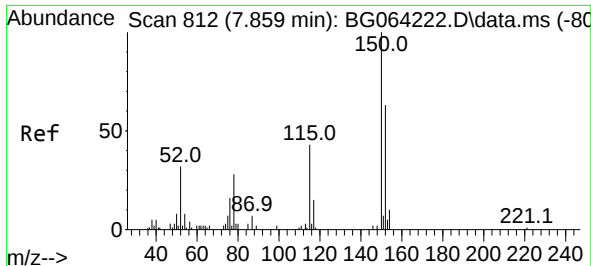
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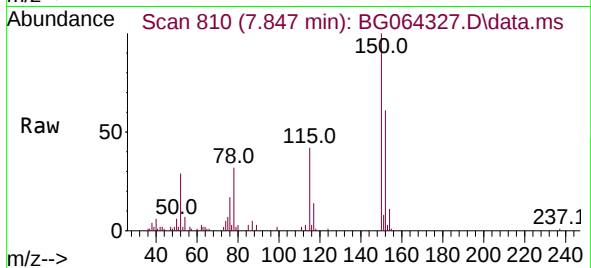
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	71828	52.796	ng	96
46) 1,1'-Biphenyl	13.311	154	238970	50.451	ng	96
47) 2-Chloronaphthalene	13.353	162	158331	44.463	ng	98
48) 2-Nitroaniline	13.552	65	60978	50.241	ng	98
49) Acenaphthylene	14.199	152	280873	53.358	ng	99
50) Dimethylphthalate	13.934	163	231319	46.993	ng	99
51) 2,6-Dinitrotoluene	14.052	165	50228	52.707	ng	99
52) Acenaphthene	14.539	154	161877	43.576	ng	96
53) 3-Nitroaniline	14.375	138	25472	25.518	ng	100
54) 2,4-Dinitrophenol	14.586	184	55330	88.241	ng	# 84
55) Dibenzofuran	14.874	168	275155	47.090	ng	99
56) 4-Nitrophenol	14.698	139	77117	94.179	ng	91
57) 2,4-Dinitrotoluene	14.839	165	79290	55.029	ng	95
58) Fluorene	15.526	166	232054	48.454	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	73526	56.190	ng	95
60) Diethylphthalate	15.303	149	251948	47.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	119164	49.905	ng	98
62) 4-Nitroaniline	15.544	138	52845	51.881	ng	# 87
63) Azobenzene	15.814	77	210729	44.880	ng	95
65) 4,6-Dinitro-2-methylph...	15.603	198	49033	55.207	ng	90
66) n-Nitrosodiphenylamine	15.732	169	206857	48.608	ng	99
67) 4-Bromophenyl-phenylether	16.414	248	84657	51.523	ng	94
68) Hexachlorobenzene	16.525	284	95851	52.532	ng	94
69) Atrazine	16.684	200	93273	52.492	ng	96
70) Pentachlorophenol	16.872	266	131829	119.157	ng	96
71) Phenanthrene	17.260	178	396503	48.595	ng	99
72) Anthracene	17.348	178	408102	49.170	ng	99
73) Carbazole	17.618	167	377254	51.597	ng	97
74) Di-n-butylphthalate	18.188	149	452961	51.565	ng	# 98
75) Fluoranthene	19.269	202	506469	52.791	ng	97
77) Benzidine	19.451	184	57806m	15.106	ng	
78) Pyrene	19.633	202	522870	45.625	ng	100
80) Butylbenzylphthalate	20.526	149	213350	49.358	ng	97
81) Benzo(a)anthracene	21.431	228	563855	48.452	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	106187	28.017	ng	98
83) Chrysene	21.496	228	532126	47.629	ng	100
84) Bis(2-ethylhexyl)phtha...	21.355	149	312739	48.191	ng	99
85) Di-n-octyl phthalate	22.495	149	538013	47.580	ng	97
87) Indeno(1,2,3-cd)pyrene	27.847	276	708645	51.751	ng	# 98
88) Benzo(b)fluoranthene	23.511	252	573179	50.649	ng	# 98
89) Benzo(k)fluoranthene	23.576	252	583406	50.603	ng	# 96
90) Benzo(a)pyrene	24.322	252	556029	52.819	ng	# 96
91) Dibenzo(a,h)anthracene	27.906	278	578873	52.651	ng	98
92) Benzo(g,h,i)perylene	28.911	276	561608	52.495	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

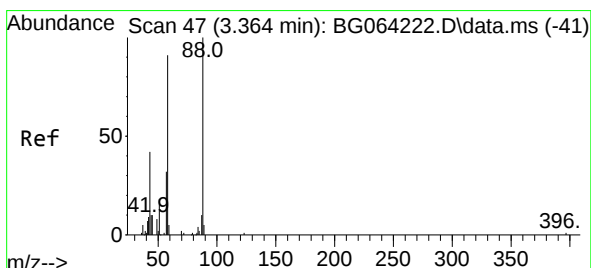
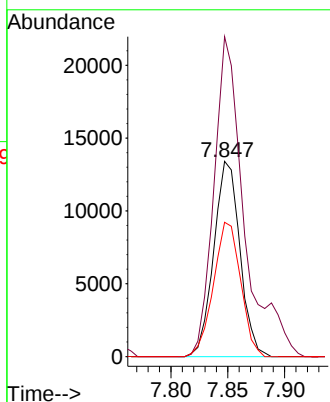
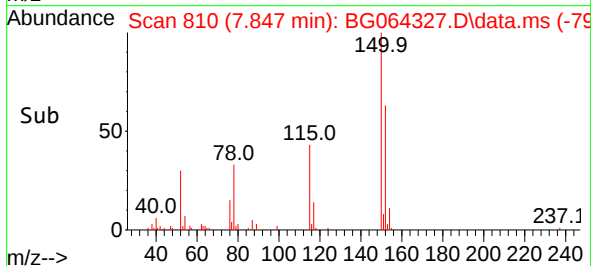
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:152 Resp: 21435
Ion Ratio Lower Upper
152 100
150 163.8 128.0 192.0
115 68.8 55.7 83.5

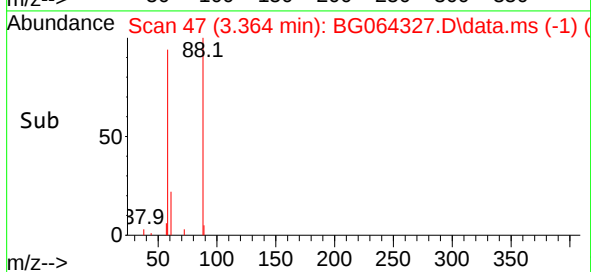
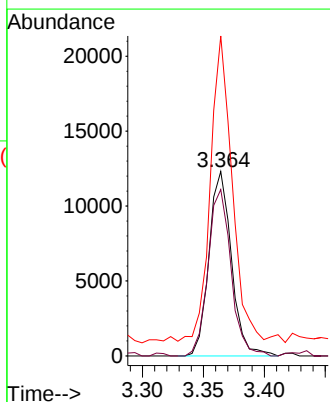
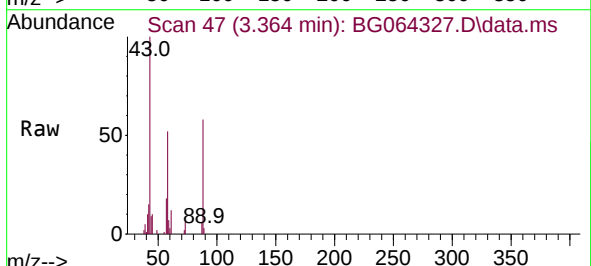
Manual Integrations
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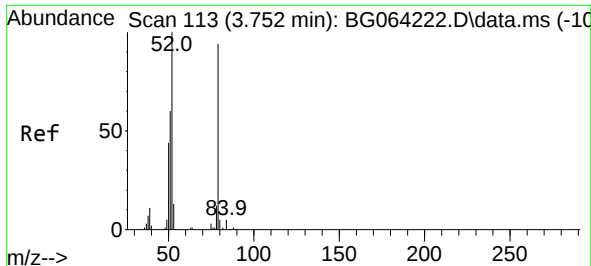
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 31.778 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

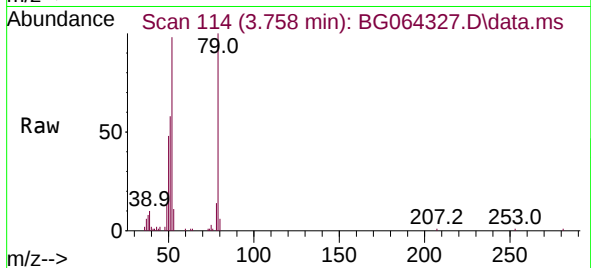
Tgt Ion: 88 Resp: 15825
Ion Ratio Lower Upper
88 100
58 91.8 80.8 121.2
43 164.4 40.3 60.5





#3
Pyridine
Concen: 28.587 ng
RT: 3.758 min Scan# 113
Delta R.T. 0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

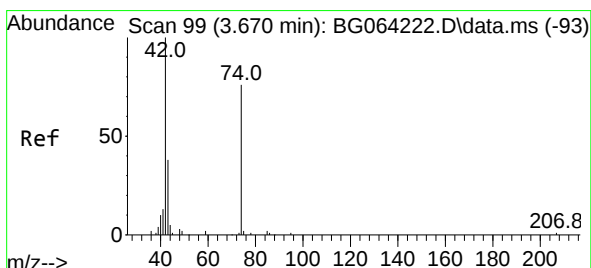
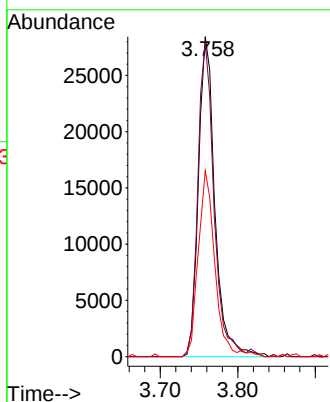
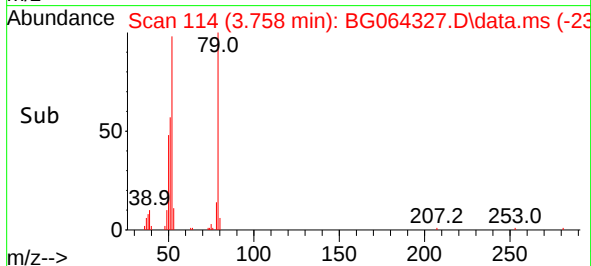
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 41905
Ion Ratio Lower Upper
79 100
52 98.5 86.6 129.8
51 58.1 114.1 171.1

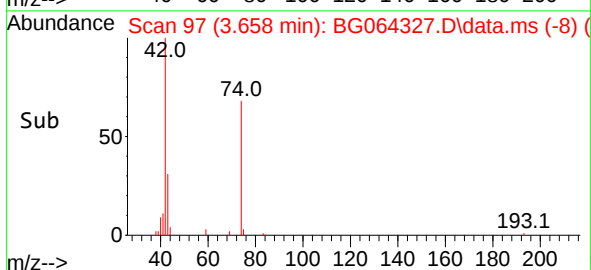
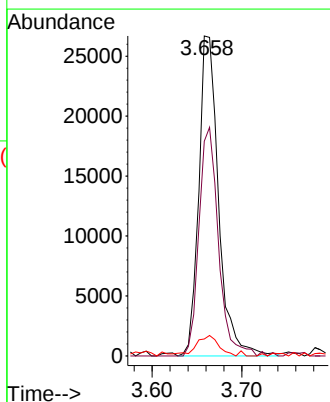
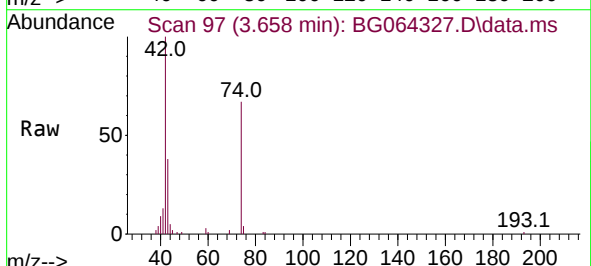
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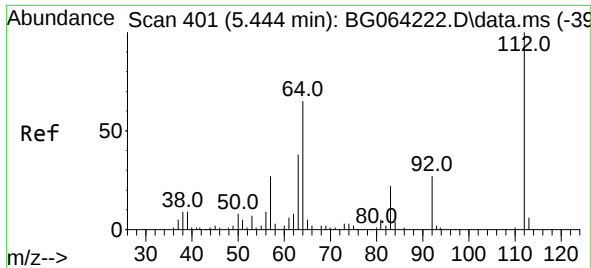
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 42.204 ng
RT: 3.658 min Scan# 97
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion: 42 Resp: 40921
Ion Ratio Lower Upper
42 100
74 67.1 58.0 87.0
44 5.3 5.5 8.3





#5
2-Fluorophenol
Concen: 133.171 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

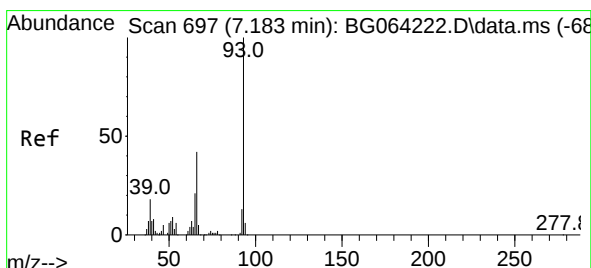
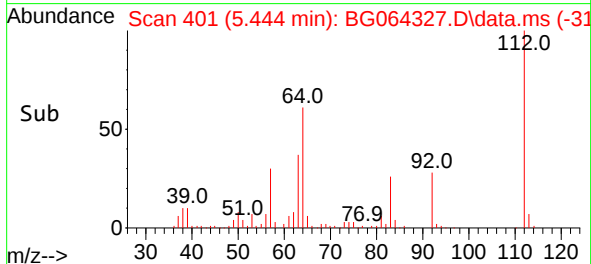
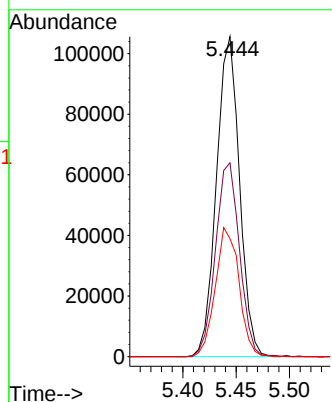
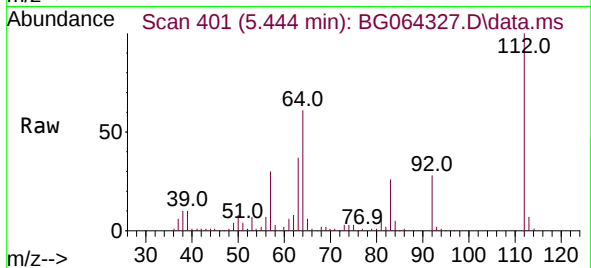
TP-1MSD

Tgt Ion:112 Resp: 159106
Ion Ratio Lower Upper
112 100
64 60.6 51.8 77.6
63 36.9 30.6 45.8

Manual Integrations

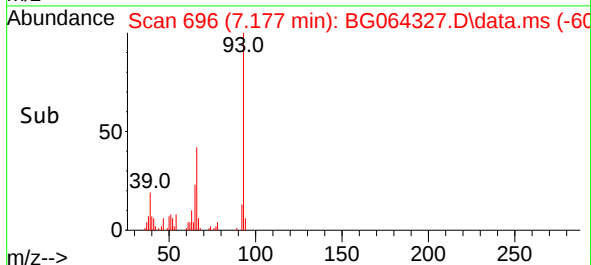
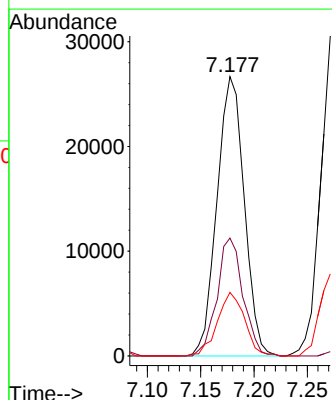
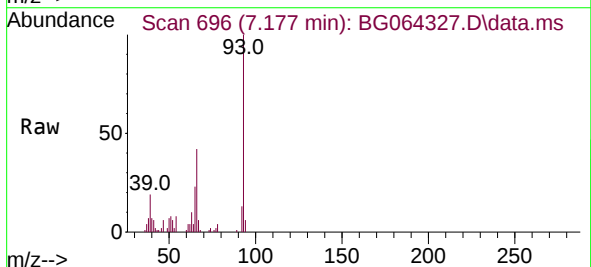
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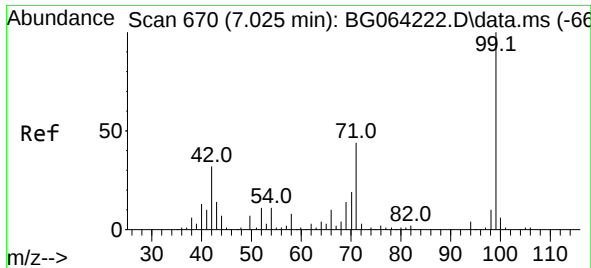
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 20.862 ng
RT: 7.177 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

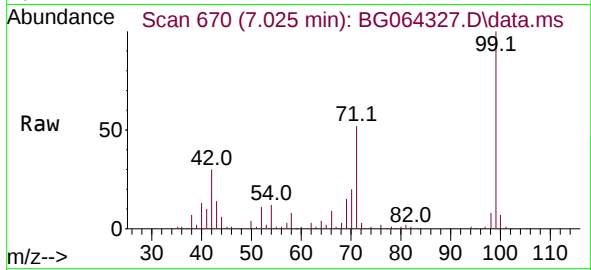
Tgt Ion: 93 Resp: 47354
Ion Ratio Lower Upper
93 100
66 42.2 33.8 50.8
65 22.7 16.9 25.3





#7
Phenol-d6
Concen: 118.221 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

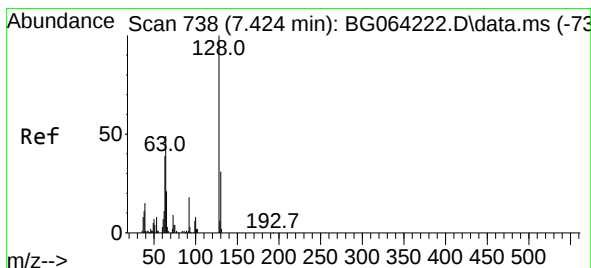
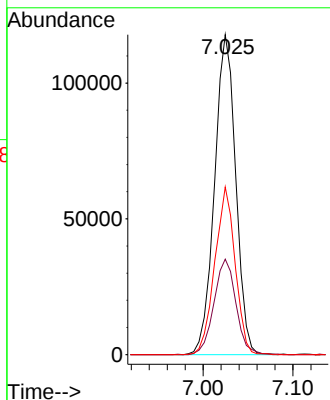
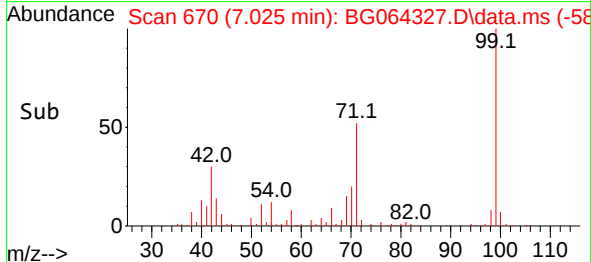
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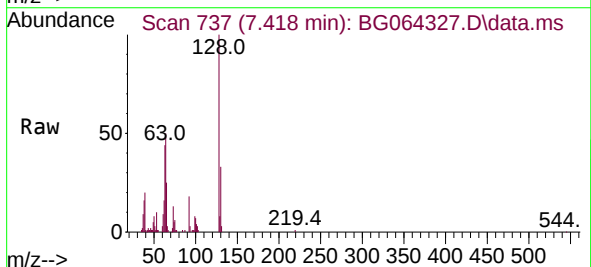
Tgt Ion: 99 Resp: 194046
Ion Ratio Lower Upper
99 100
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71 52.4 35.2 52.8

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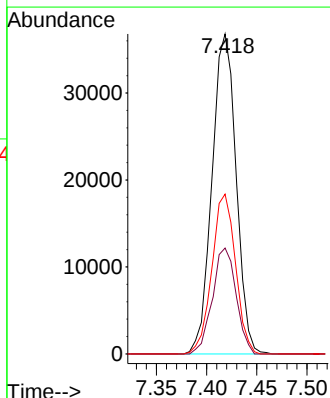
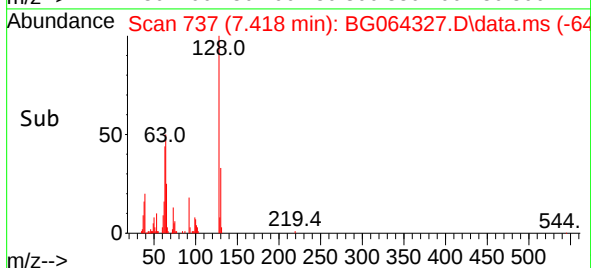
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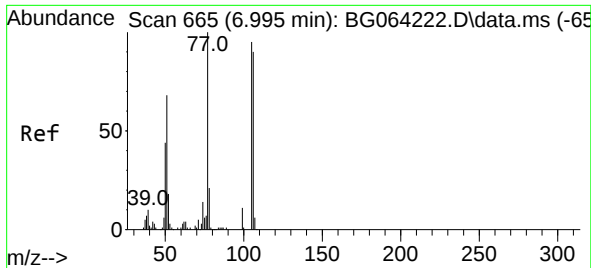


#8
2-Chlorophenol
Concen: 42.119 ng
RT: 7.418 min Scan# 737
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



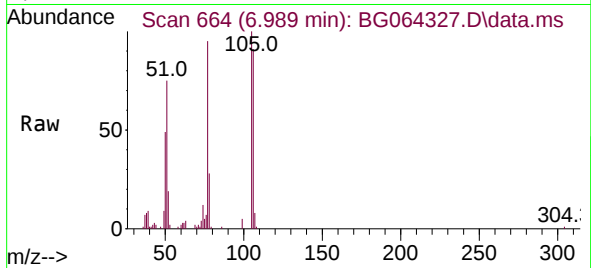
Tgt Ion:128 Resp: 61492
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 49.9 28.7 68.7





#9
Benzaldehyde
Concen: 25.185 ng
RT: 6.989 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

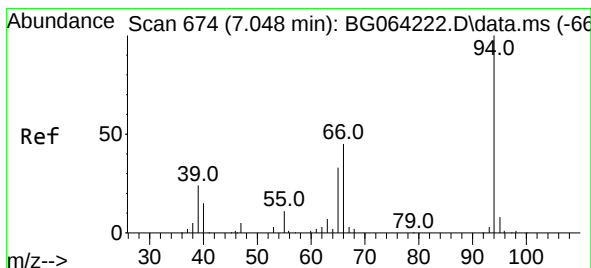
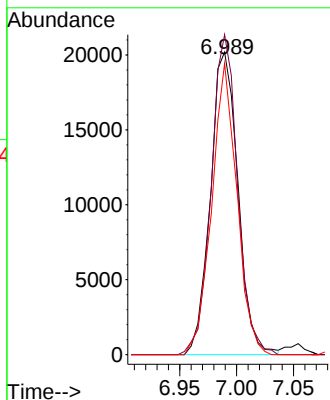
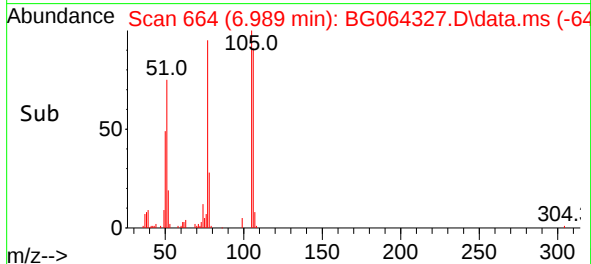
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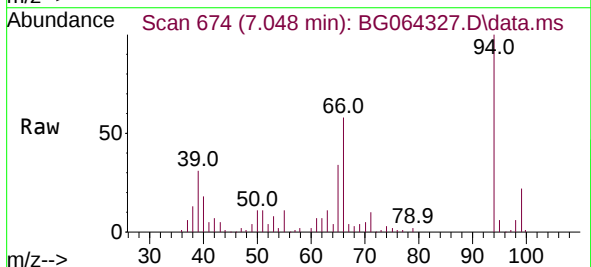
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Ion Ratio Lower Upper
77 100
105 105.8 75.2 115.2
106 96.3 69.6 109.6

Manual Integrations
APPROVED

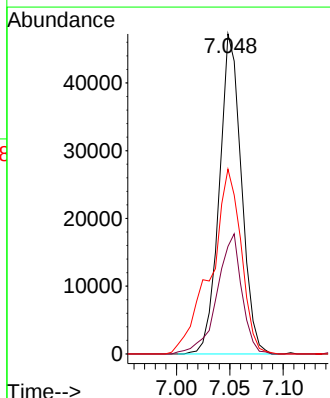
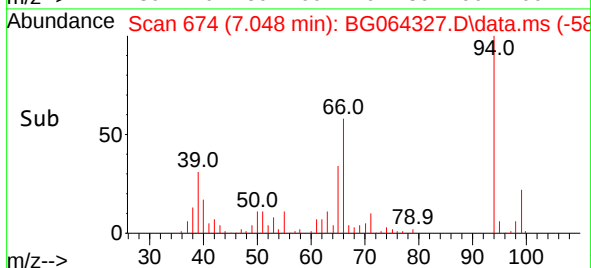
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

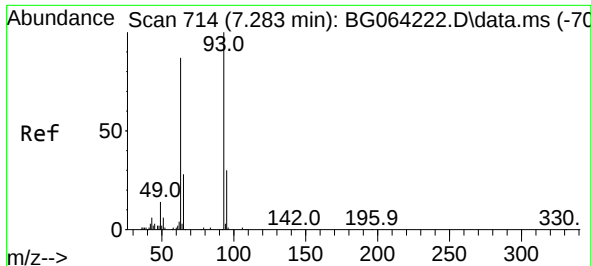


#10
Phenol
Concen: 37.626 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



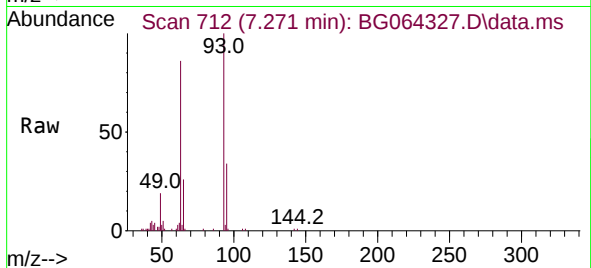
Tgt Ion: 94 Resp: 68089
Ion Ratio Lower Upper
94 100
65 33.6 13.5 53.5
66 57.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 35.044 ng
RT: 7.271 min Scan# 714
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

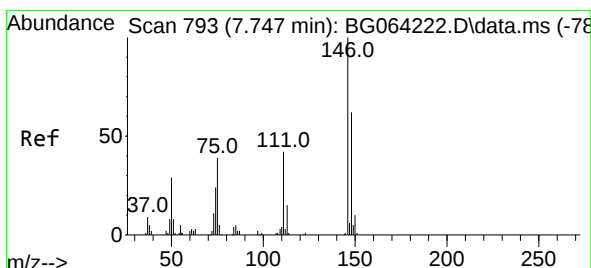
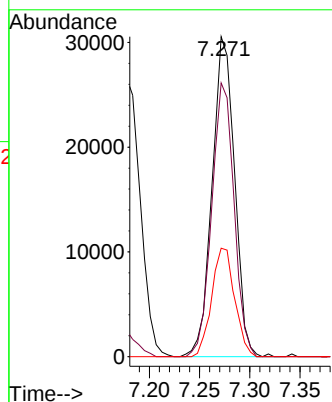
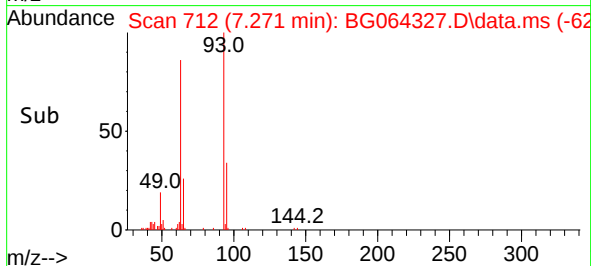
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 93 Resp: 47658
Ion Ratio Lower Upper
93 100
63 85.5 66.2 106.2
95 33.9 9.8 49.8

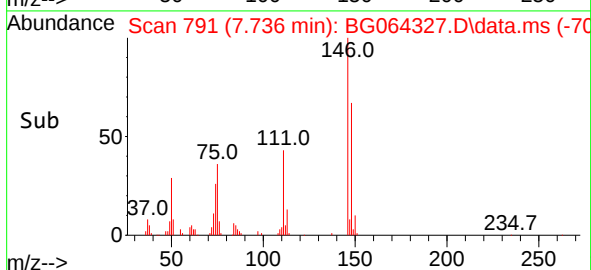
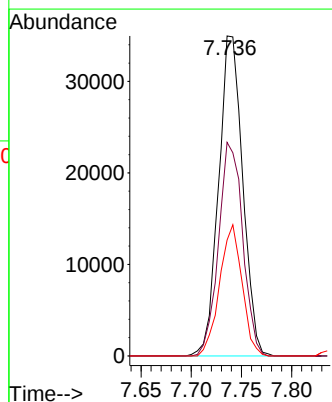
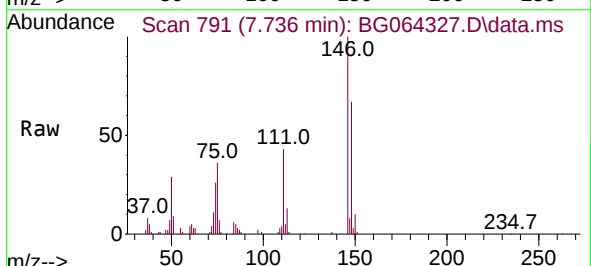
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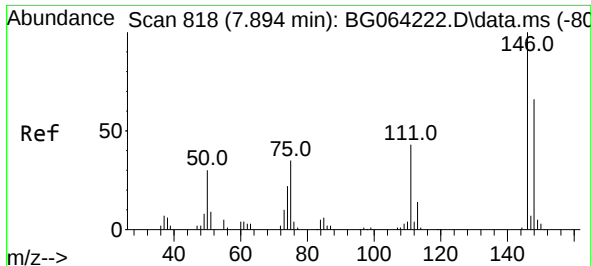
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 37.628 ng
RT: 7.736 min Scan# 791
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:146 Resp: 58444
Ion Ratio Lower Upper
146 100
148 66.7 49.6 74.4
75 36.2 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 38.804 ng

RT: 7.882 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 60826

Ion Ratio Lower Upper

146 100

148 62.7 52.8 79.2

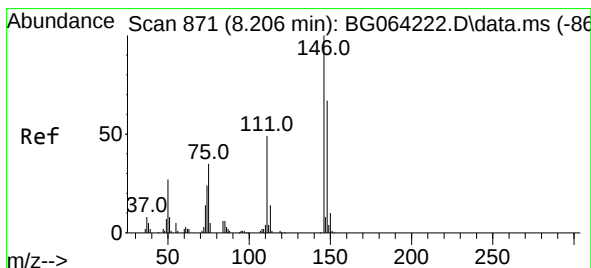
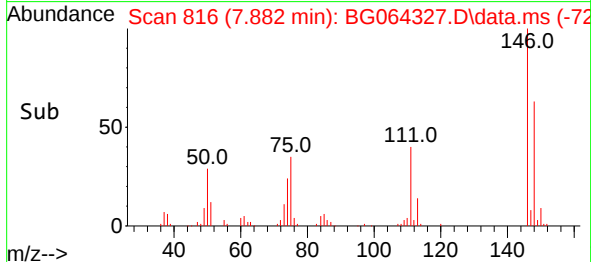
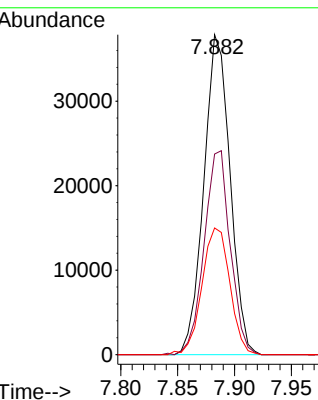
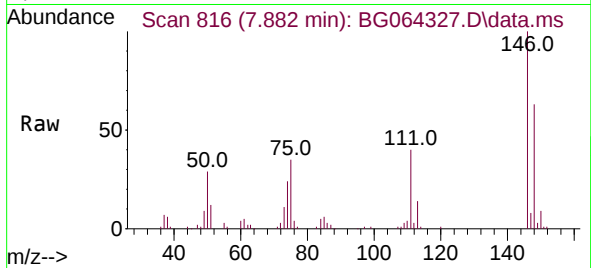
111 39.6 34.1 51.1

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 38.530 ng

RT: 8.200 min Scan# 870

Delta R.T. -0.012 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

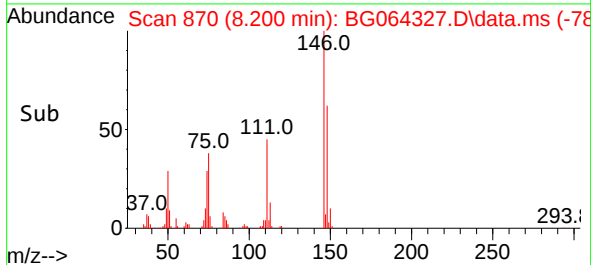
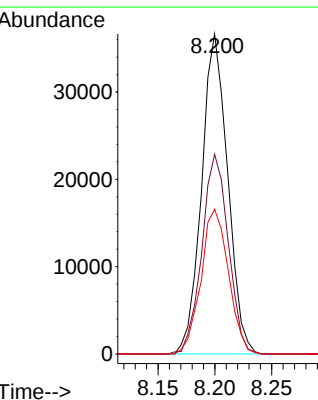
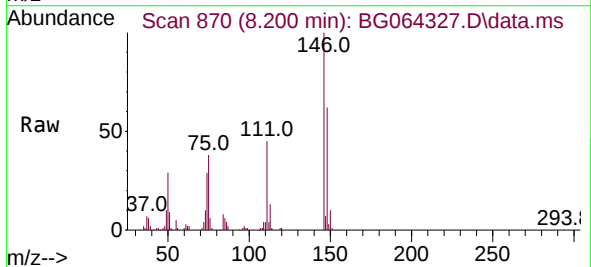
Tgt Ion:146 Resp: 58290

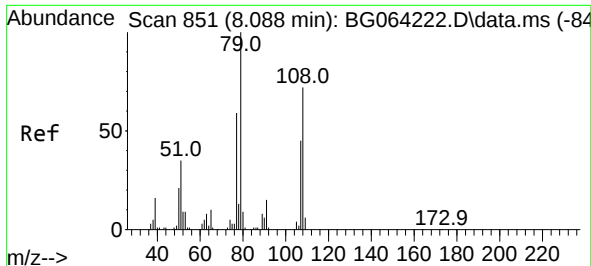
Ion Ratio Lower Upper

146 100

148 62.4 53.4 80.0

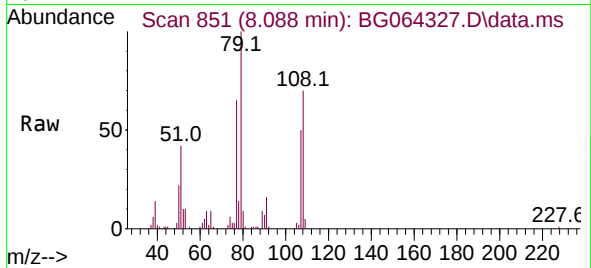
111 45.2 39.1 58.7





#15
Benzyl Alcohol
Concen: 45.028 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

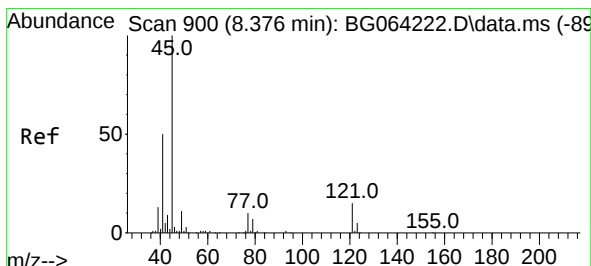
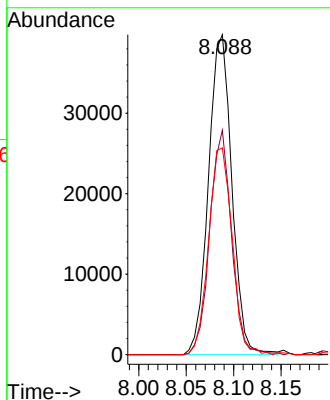
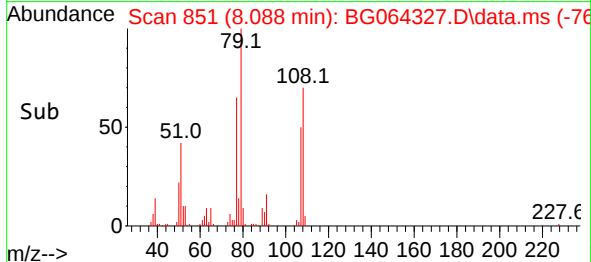
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



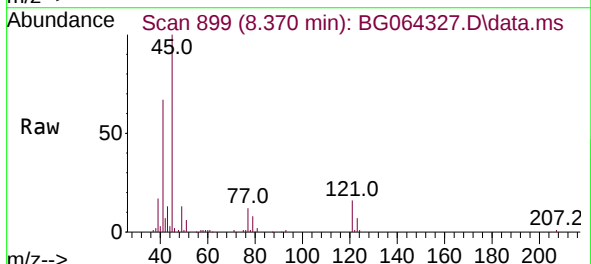
Tgt Ion: 79 Resp: 68205
Ion Ratio Lower Upper
79 100
108 70.1 57.4 86.0
77 64.6 47.2 70.8

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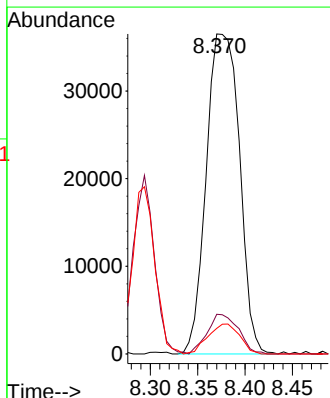
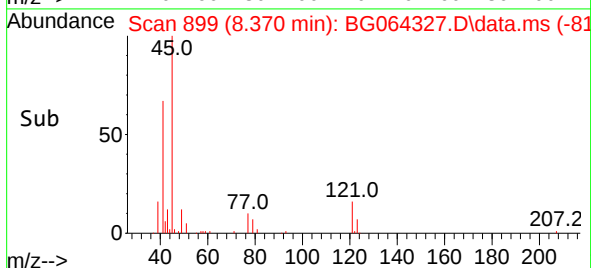
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

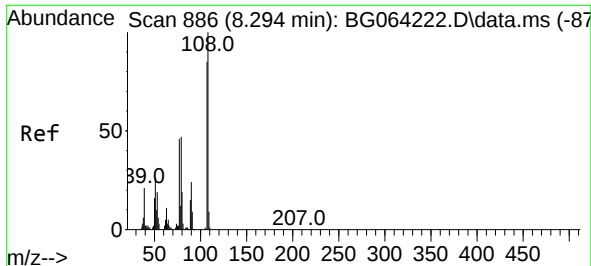


#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.654 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



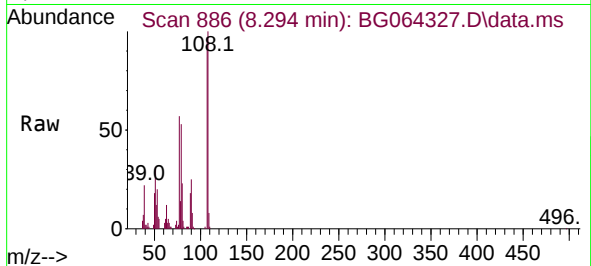
Tgt Ion: 45 Resp: 88961
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.0
79 8.0 0.0 27.9





#17
2-Methylphenol
Concen: 40.170 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

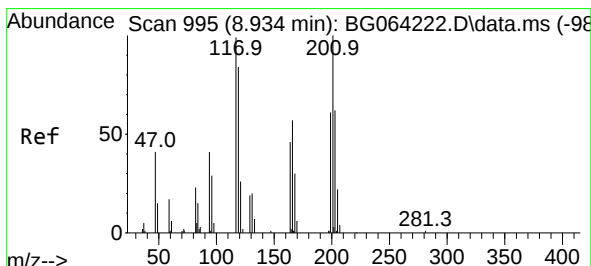
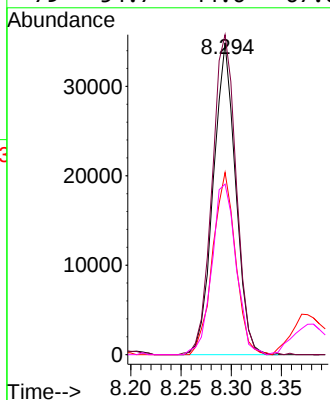
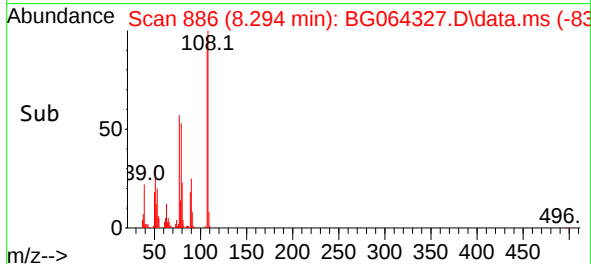
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:	107	Resp:	5417
Ion	Ratio	Lower	Upper
107	100		
108	102.6	94.6	141.8
77	58.4	43.7	65.5
79	54.7	44.6	67.0

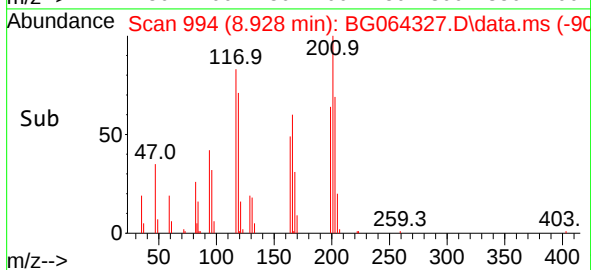
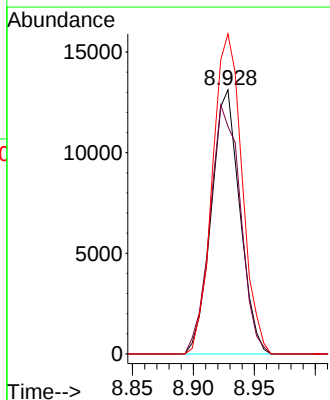
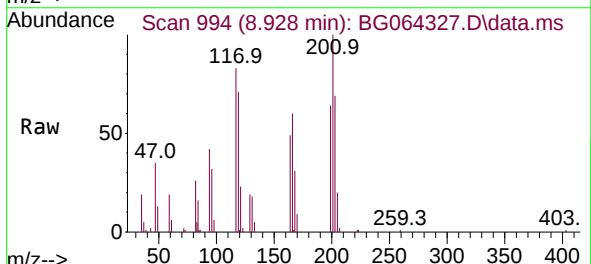
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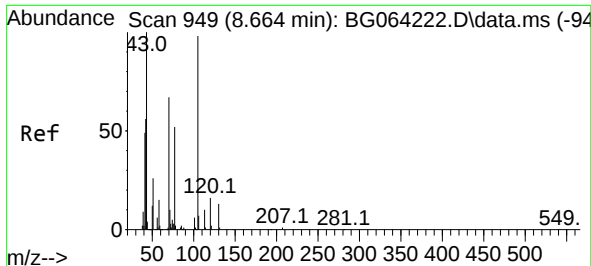
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 34.768 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

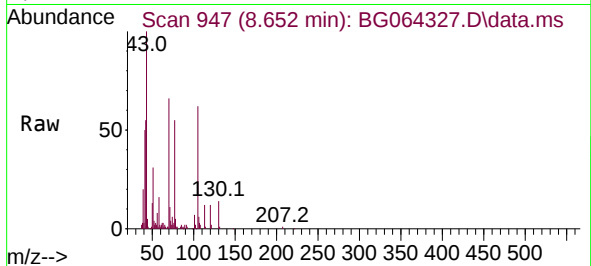
Tgt Ion:	117	Resp:	21274
Ion	Ratio	Lower	Upper
117	100		
119	86.1	67.9	101.9
201	121.2	80.5	120.7#





#19
n-Nitroso-di-n-propylamine
Concen: 38.209 ng
RT: 8.652 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

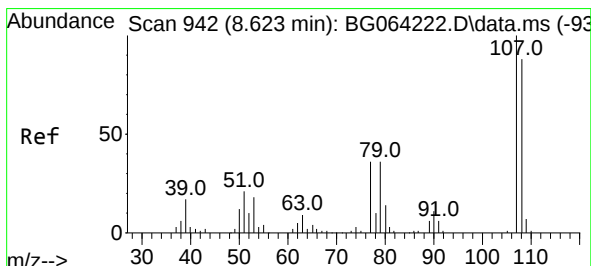
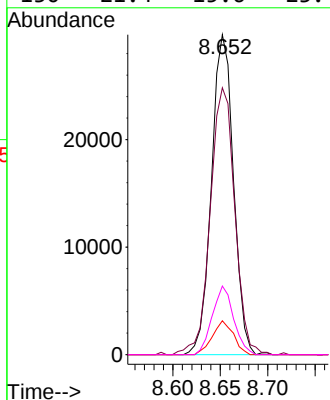
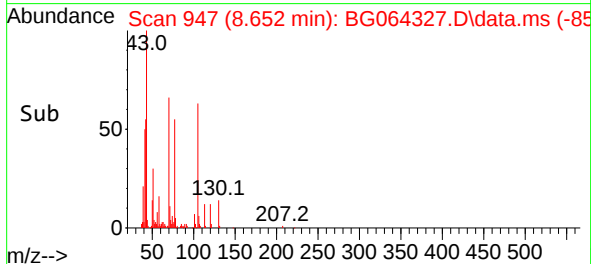
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 70 Resp: 47999
Ion Ratio Lower Upper
70 100
42 83.4 67.9 101.9
101 10.6 7.3 10.9
130 21.4 15.6 23.4

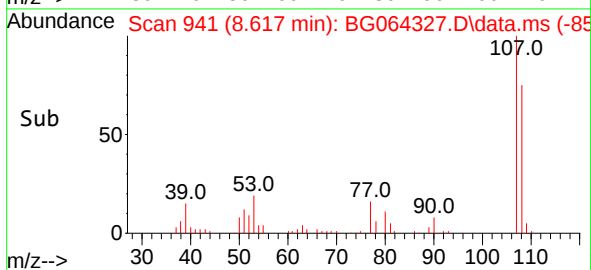
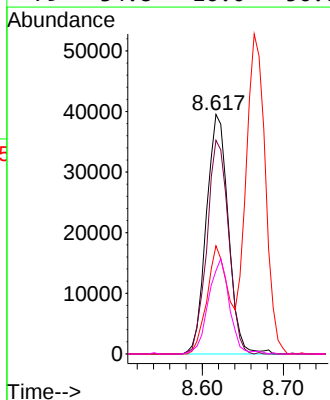
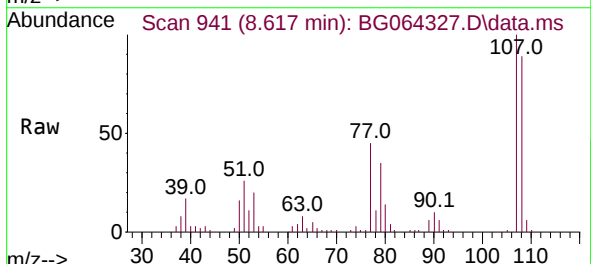
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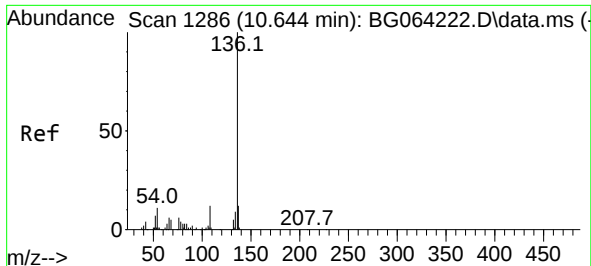
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#20
3+4-Methylphenols
Concen: 39.699 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

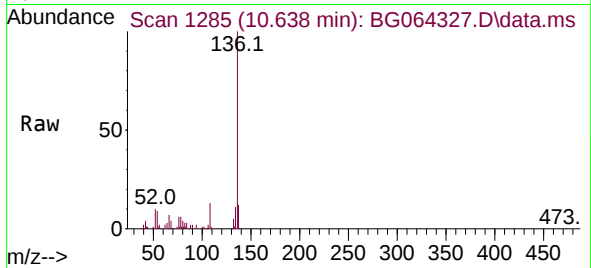
Tgt Ion:107 Resp: 74398
Ion Ratio Lower Upper
107 100
108 89.2 68.1 108.1
77 45.1 15.9 55.9
79 34.8 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

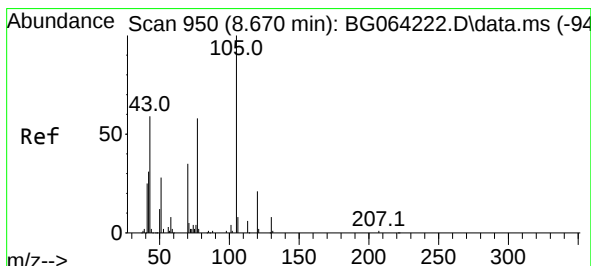
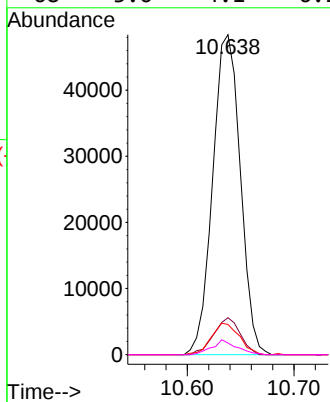
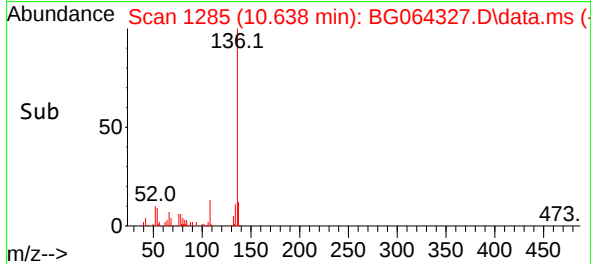
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:136 Resp: 87069
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 9.4 8.8 13.2
68 3.6 4.1 6.1#

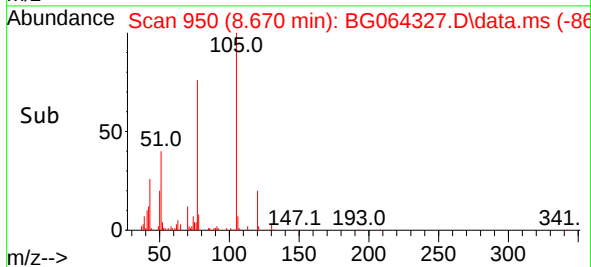
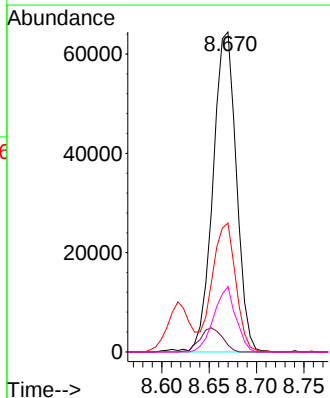
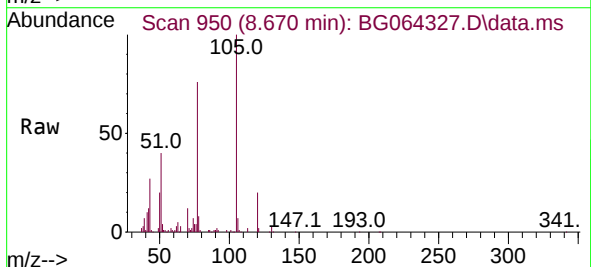
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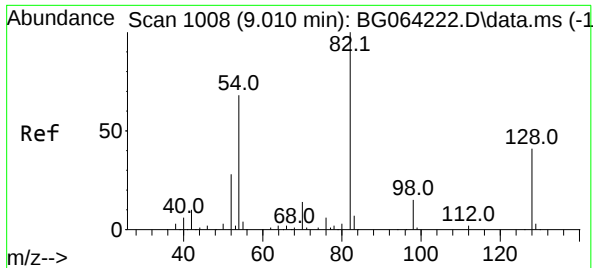
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 50.114 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:105 Resp: 110388
Ion Ratio Lower Upper
105 100
71 2.2 4.3 6.5#
51 40.3 32.4 48.6
120 20.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 105.613 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 82 Resp: 164884

Ion Ratio Lower Upper

82 100

128 42.3 32.6 48.8

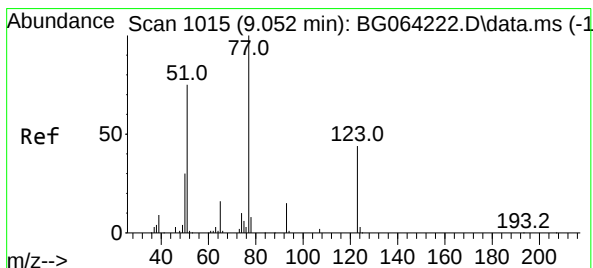
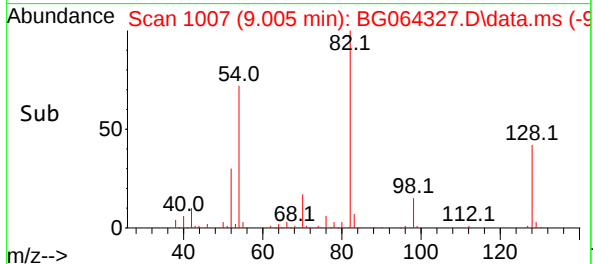
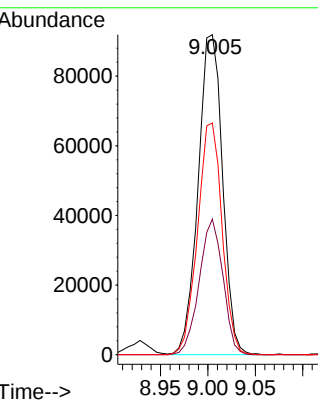
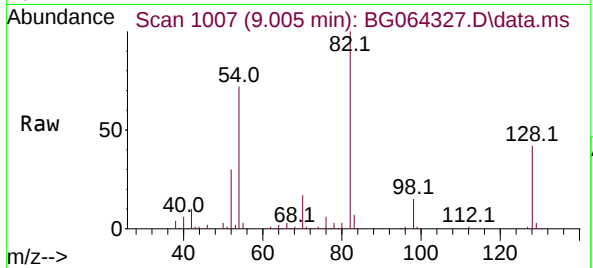
54 72.4 54.7 82.1

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 45.996 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

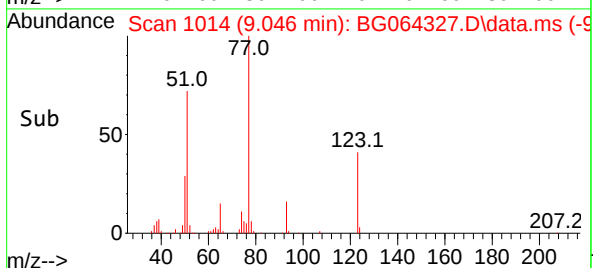
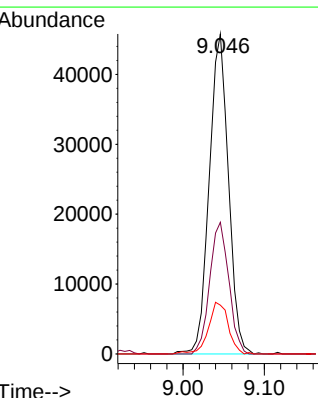
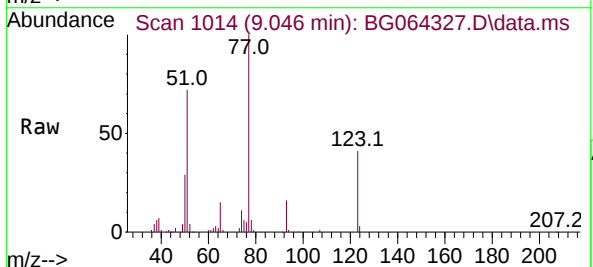
Tgt Ion: 77 Resp: 75027

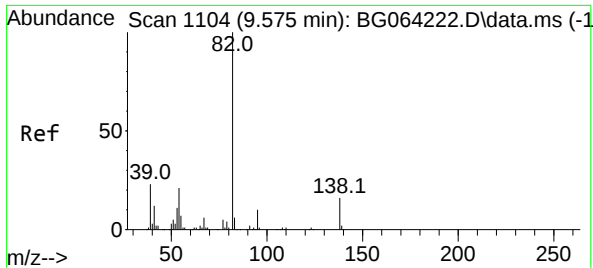
Ion Ratio Lower Upper

77 100

123 41.1 35.2 52.8

65 15.2 12.6 19.0





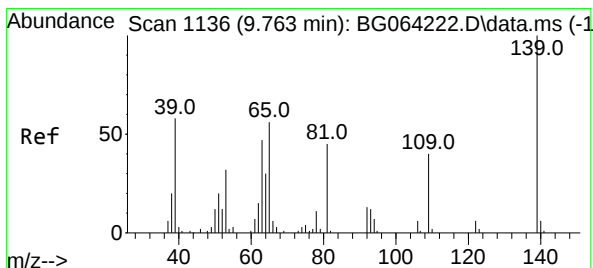
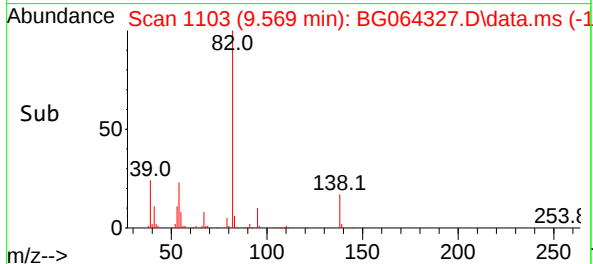
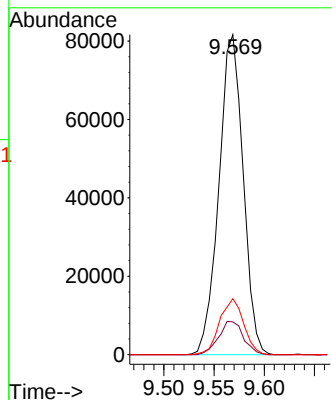
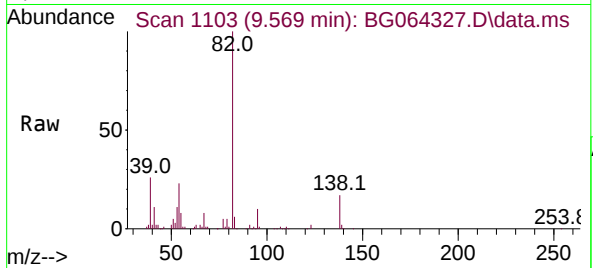
#25
Isophorone
Concen: 42.282 ng
RT: 9.569 min Scan# 1103
Delta R.T. -0.018 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 82 Resp: 137193
Ion Ratio Lower Upper
82 100
95 10.2 7.9 11.9
138 17.5 13.0 19.4

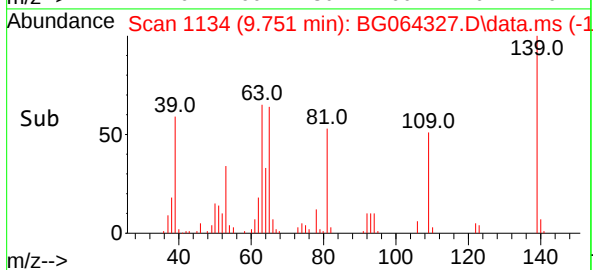
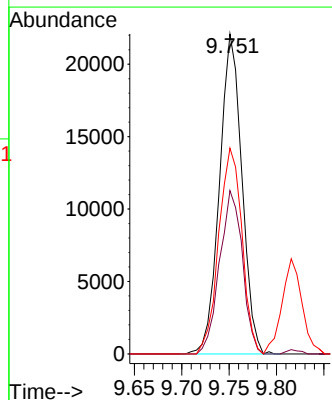
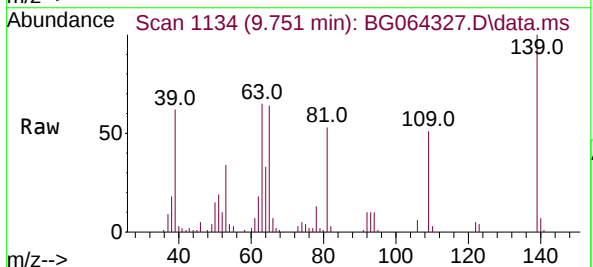
Manual Integrations
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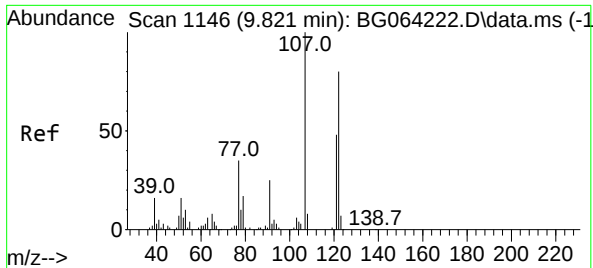
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 51.423 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:139 Resp: 36244
Ion Ratio Lower Upper
139 100
109 51.0 32.4 48.6#
65 64.3 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 52.013 ng
RT: 9.816 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

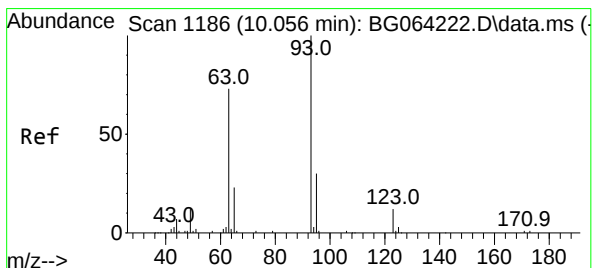
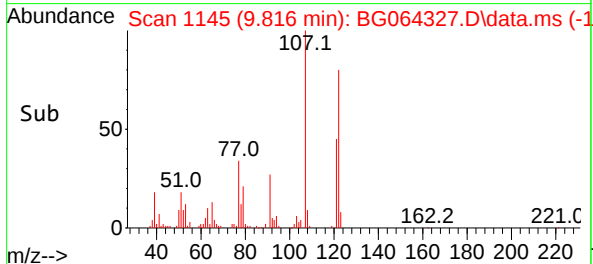
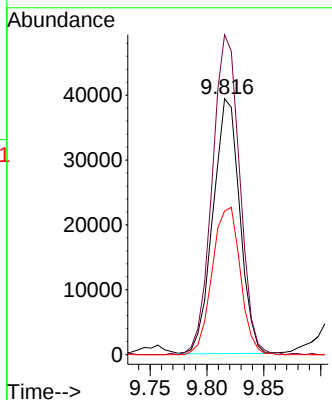
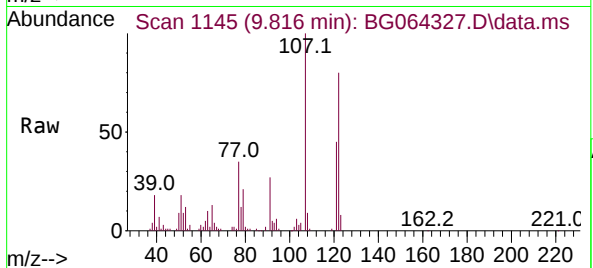
Tgt Ion:122 Resp: 64363
Ion Ratio Lower Upper
122 100
107 125.0 99.9 149.9
121 56.1 48.6 72.8

Manual Integrations

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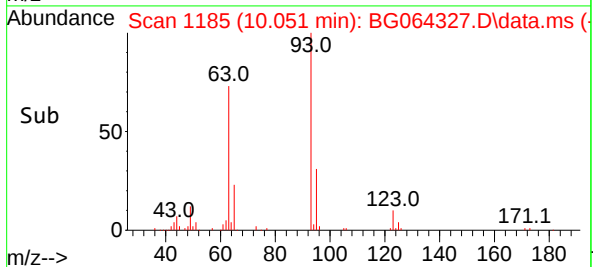
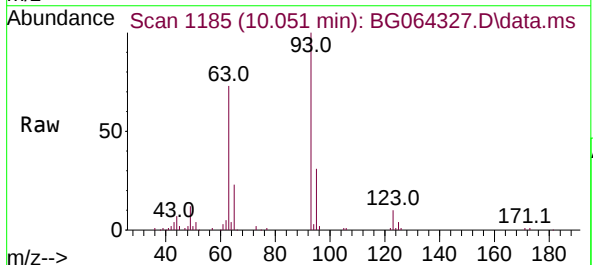
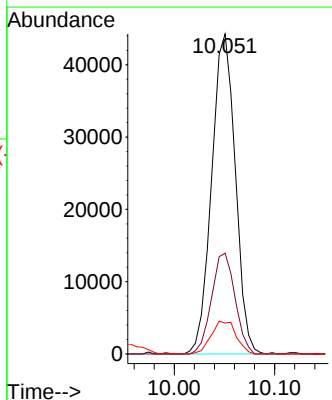
Reviewed By :Rahul Chavli 09/10/2025

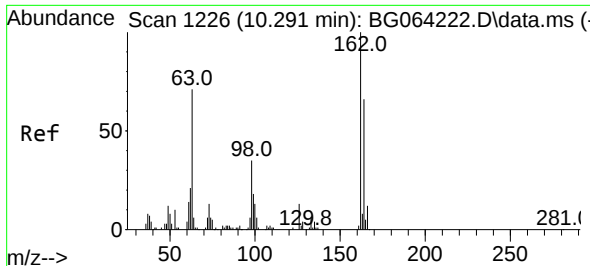
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.521 ng
RT: 10.051 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion: 93 Resp: 72644
Ion Ratio Lower Upper
93 100
95 31.5 23.9 35.9
123 9.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.028 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064327.D

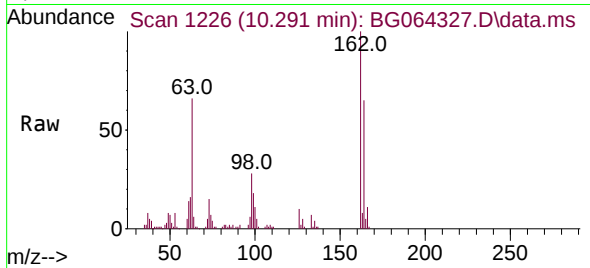
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



Tgt Ion:162 Resp: 69236

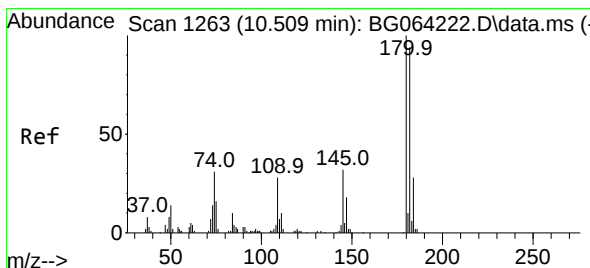
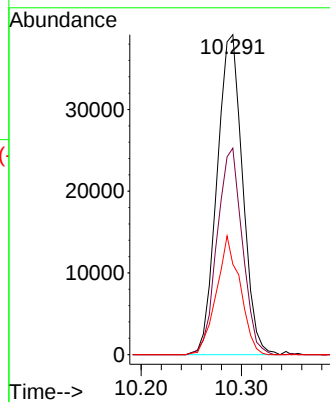
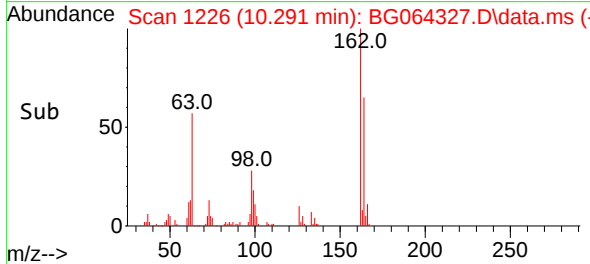
Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.8	85.8
98	28.2	15.2	55.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 49.675 ng

RT: 10.503 min Scan# 1262

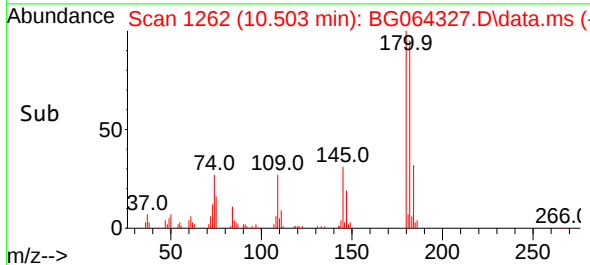
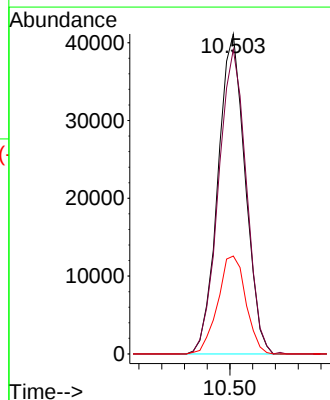
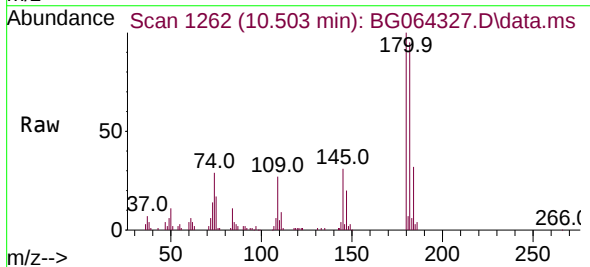
Delta R.T. -0.006 min

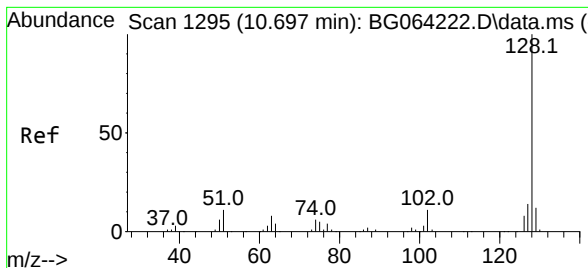
Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

Tgt Ion:180 Resp: 68386

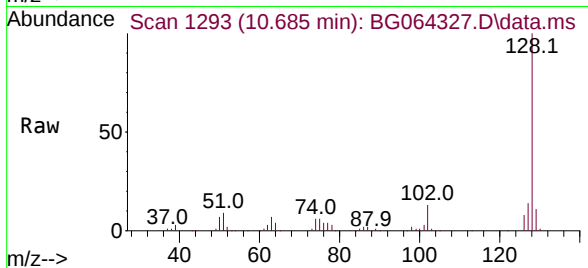
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
145	30.6	25.4	38.0





#31
Naphthalene
Concen: 43.248 ng
RT: 10.685 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

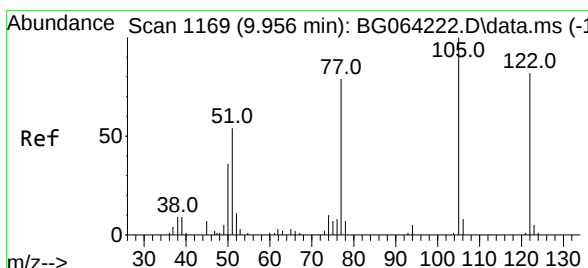
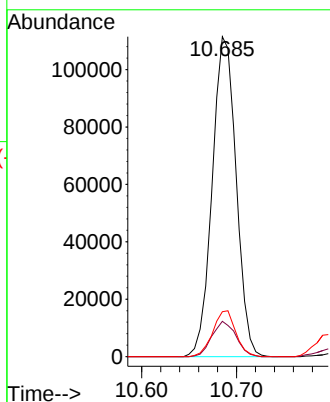
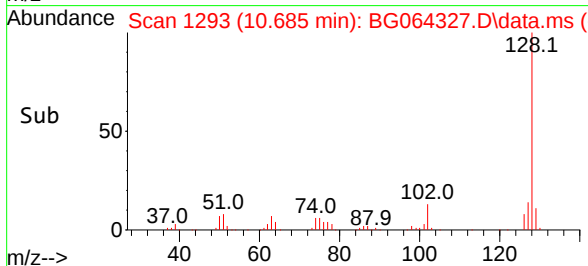
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



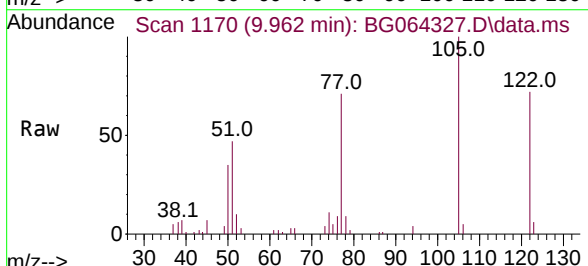
Tgt Ion:128 Resp: 195265
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 14.0 10.9 16.3

Manual Integrations
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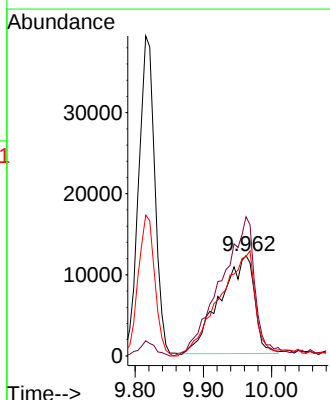
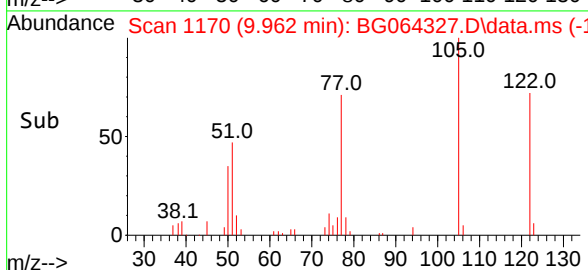
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

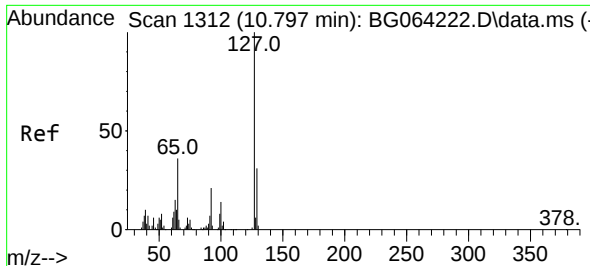


#32
Benzoic acid
Concen: 43.581 ng
RT: 9.962 min Scan# 1170
Delta R.T. -0.053 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



Tgt Ion:122 Resp: 42809
Ion Ratio Lower Upper
122 100
105 138.6 98.5 138.5#
77 98.9 74.6 114.6





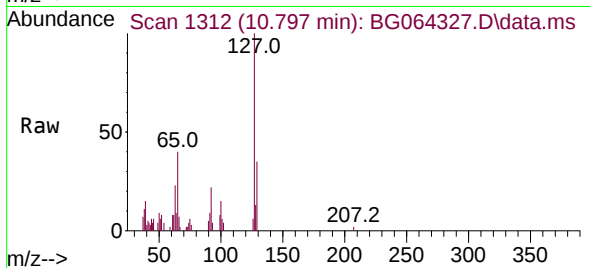
#33
4-Chloroaniline
Concen: 8.680 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



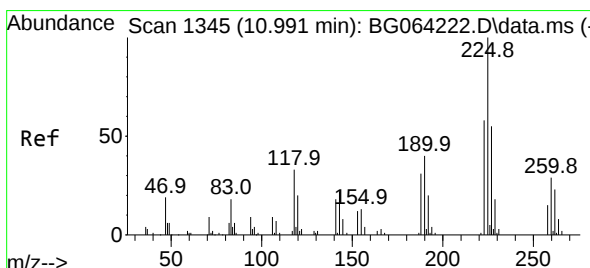
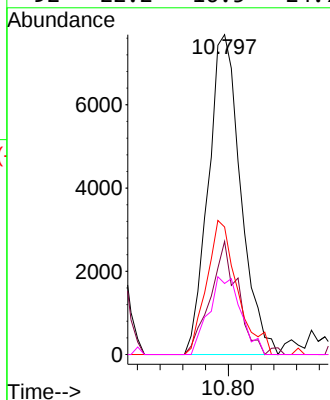
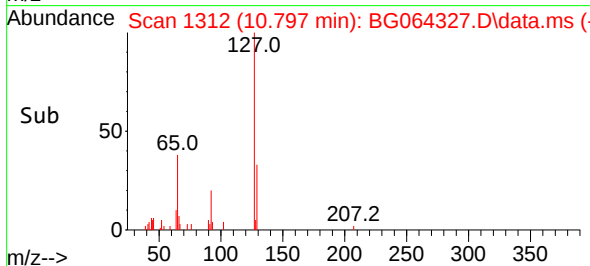
Tgt Ion:	127	Resp:	15190
Ion Ratio	Lower	Upper	
127	100		
129	35.4	25.0	37.4
65	39.9	28.7	43.1
92	22.2	16.5	24.7

Manual Integrations

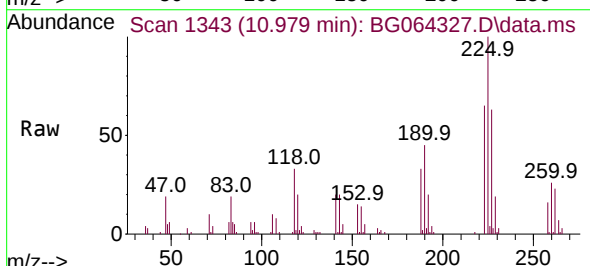
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

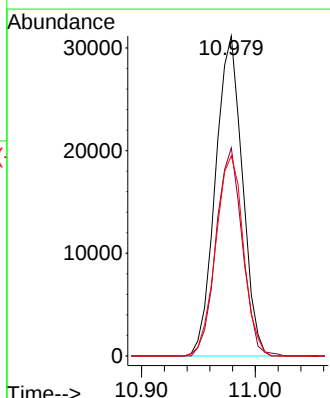
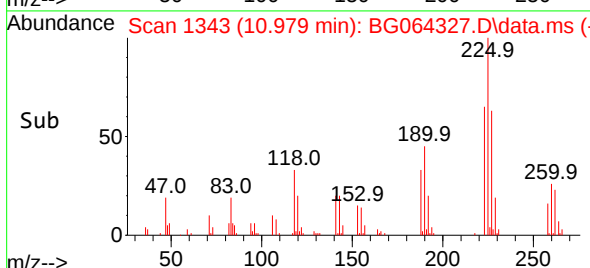
Supervised By :Jagrut Upadhyay 09/10/2025

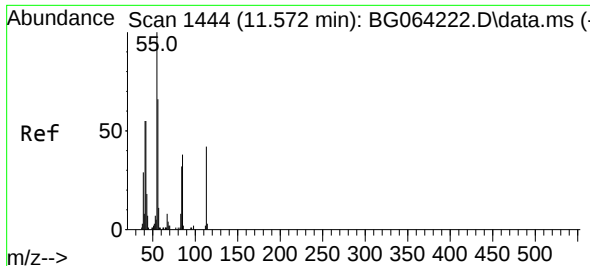


#34
Hexachlorobutadiene
Concen: 50.207 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



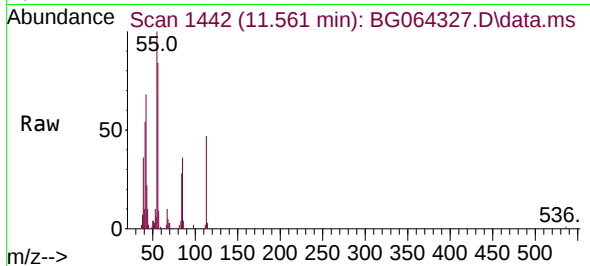
Tgt Ion:	225	Resp:	51092
Ion Ratio	Lower	Upper	
225	100		
223	65.0	46.5	69.7
227	65.5	44.1	66.1





#35
Caprolactam
Concen: 38.089 ng m
RT: 11.561 min Scan# 14
Delta R.T. -0.041 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

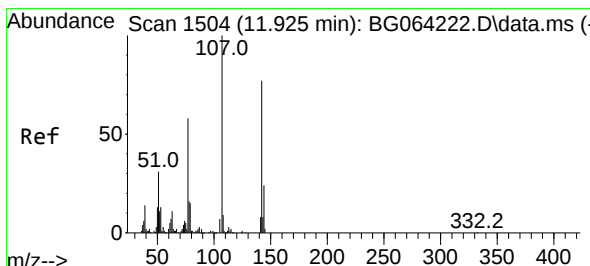
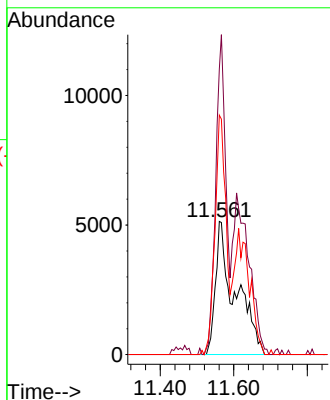
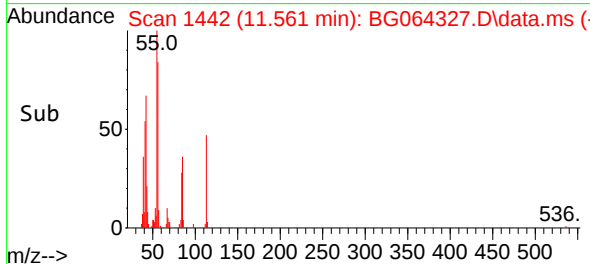
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:113 Resp: 19256
Ion Ratio Lower Upper
113 100
55 214.2 218.5 258.5
56 179.6 138.5 178.5

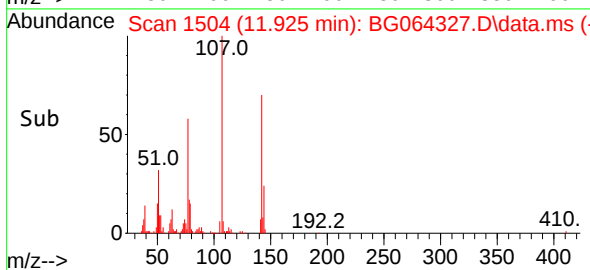
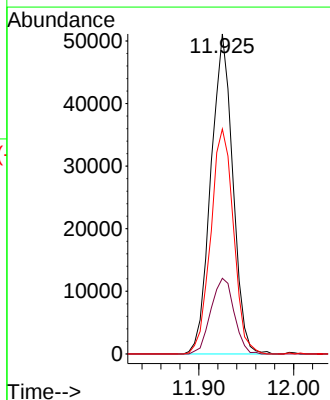
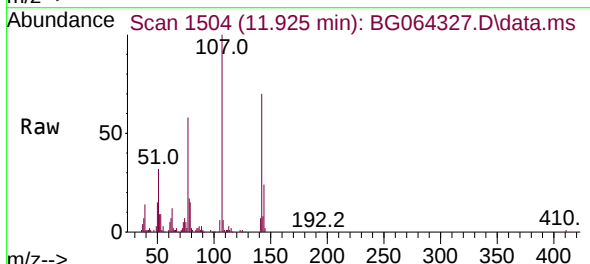
Manual Integrations
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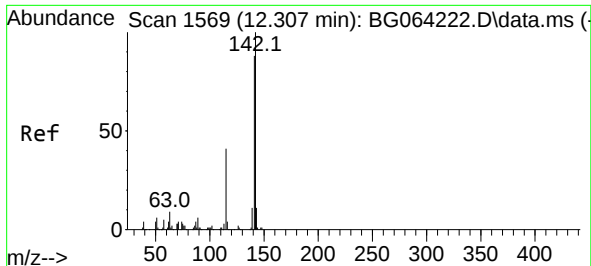
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 48.456 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:107 Resp: 82086
Ion Ratio Lower Upper
107 100
144 23.6 19.5 29.3
142 70.3 62.0 93.0





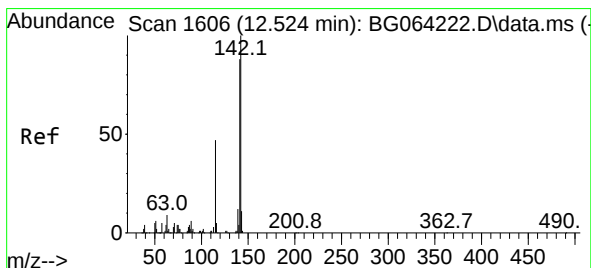
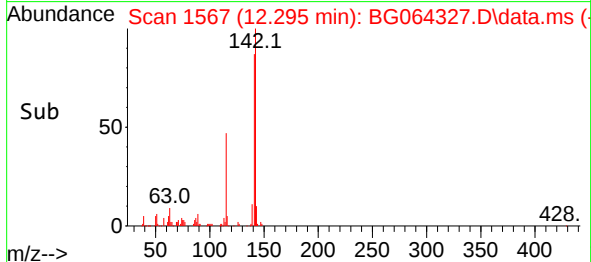
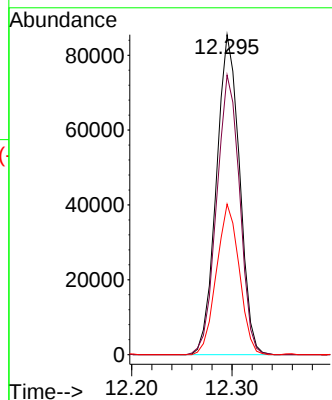
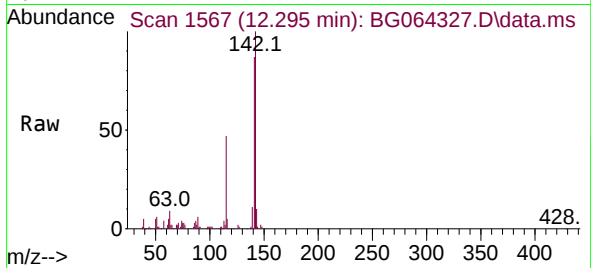
#37
2-Methylnaphthalene
Concen: 40.876 ng
RT: 12.295 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:142 Resp: 137180
Ion Ratio Lower Upper
142 100
141 87.4 70.1 105.1
115 47.0 33.1 49.7

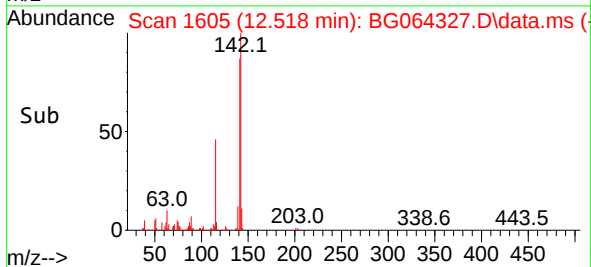
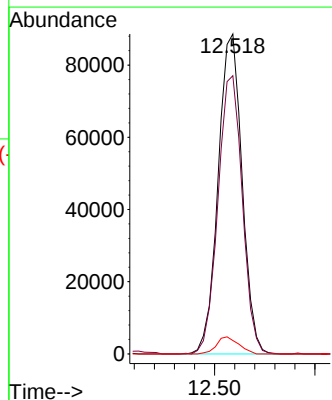
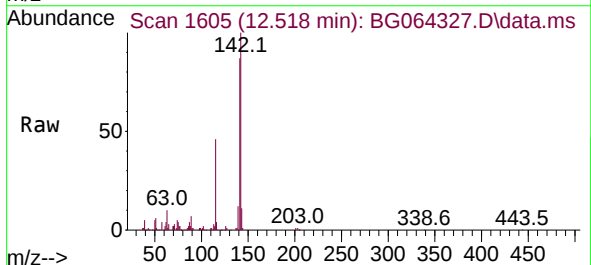
Manual Integrations
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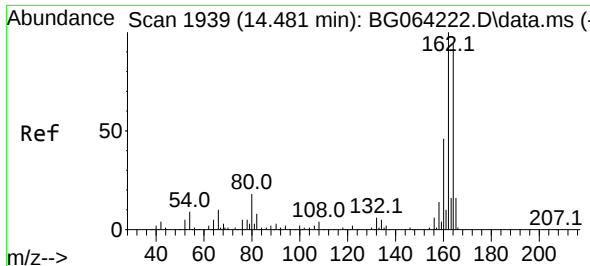
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#38
1-Methylnaphthalene
Concen: 44.299 ng
RT: 12.518 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:142 Resp: 146844
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
116 4.2 3.7 5.5





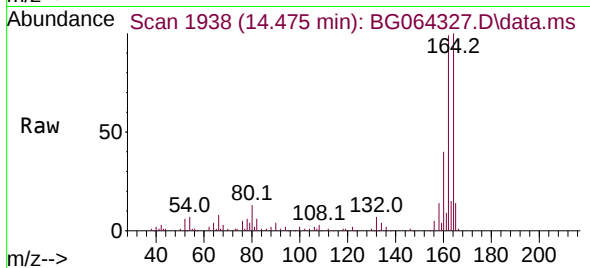
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

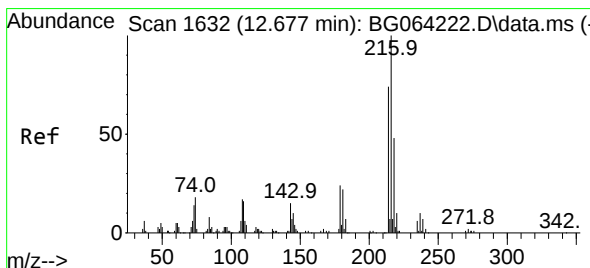
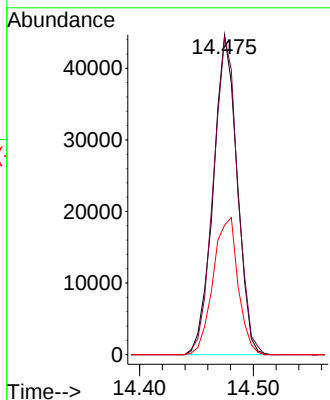
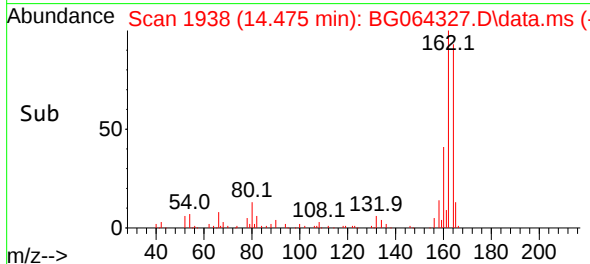


Tgt Ion:164 Resp: 65033
Ion Ratio Lower Upper
164 100
162 99.1 85.4 128.0
160 40.5 39.2 58.8

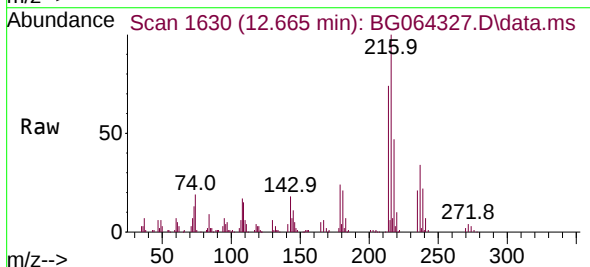
Manual Integrations

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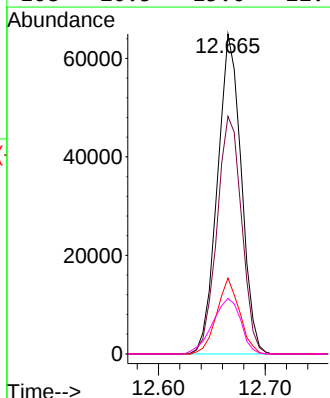
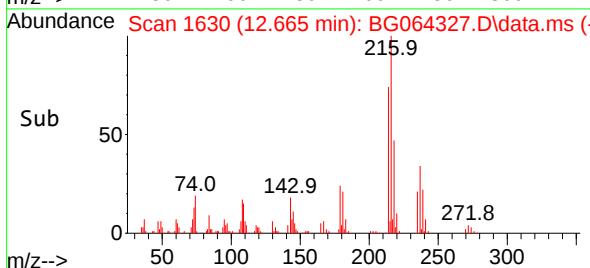
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

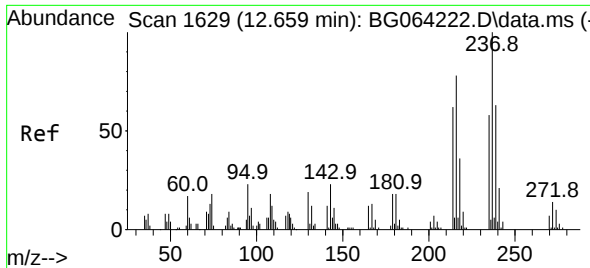


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.718 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



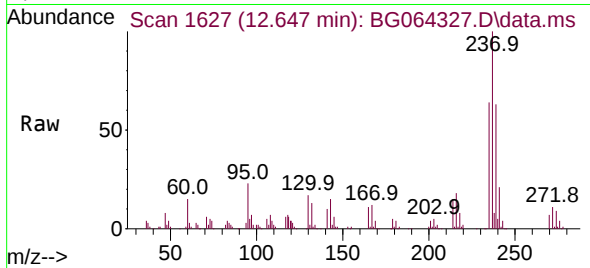
Tgt Ion:216 Resp: 100796
Ion Ratio Lower Upper
216 100
214 76.8 61.9 92.9
179 22.6 17.9 26.9
108 20.5 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 118.917 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

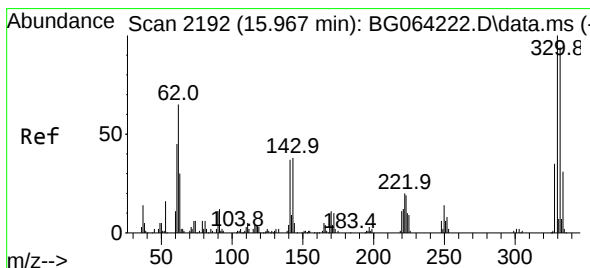
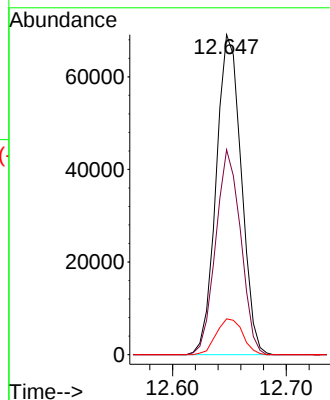
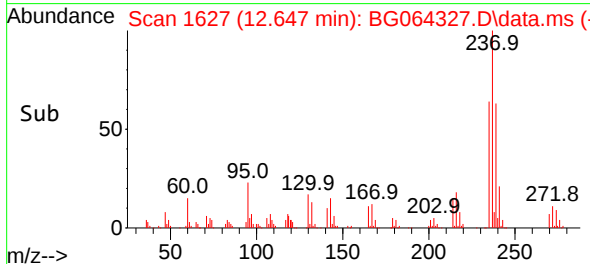
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



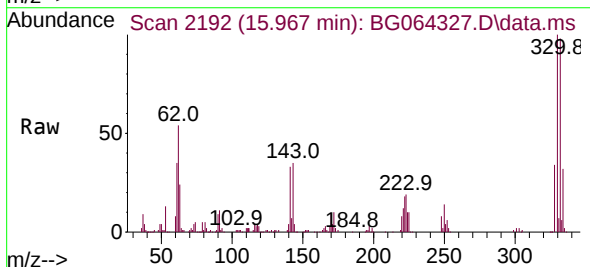
Tgt Ion:237 Resp: 106049
Ion Ratio Lower Upper
237 100
235 64.0 37.9 77.9
272 11.2 0.0 33.8

Manual Integrations
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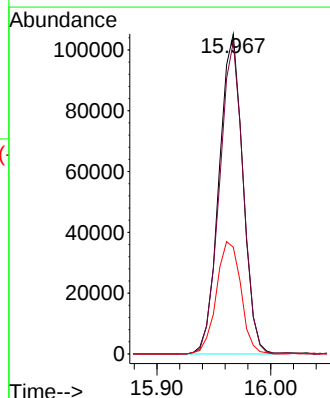
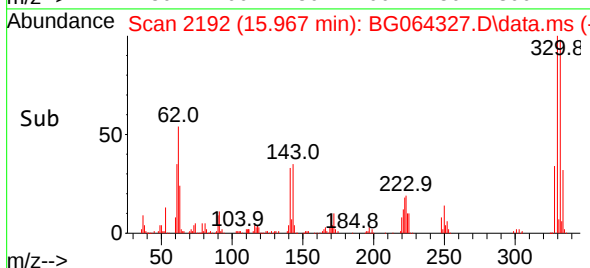
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

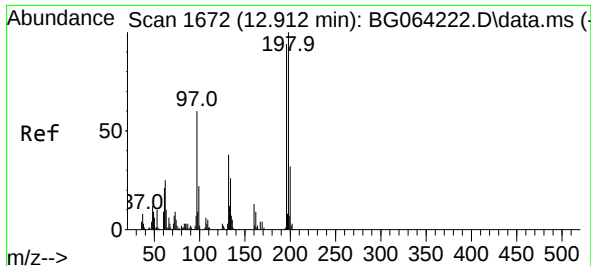


#42
2,4,6-Tribromophenol
Concen: 177.400 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



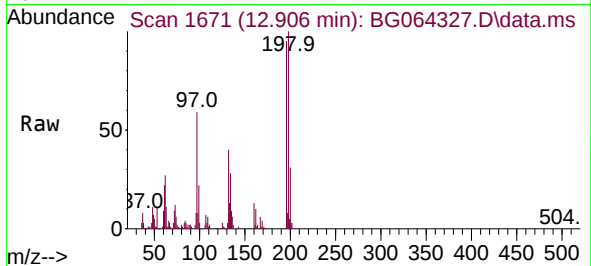
Tgt Ion:330 Resp: 152811
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 36.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 51.006 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

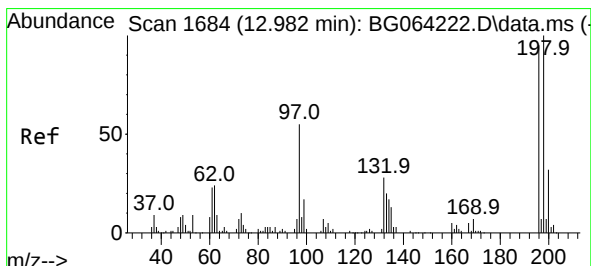
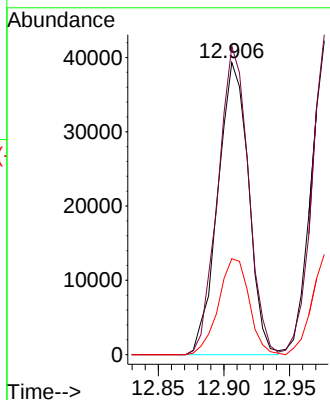
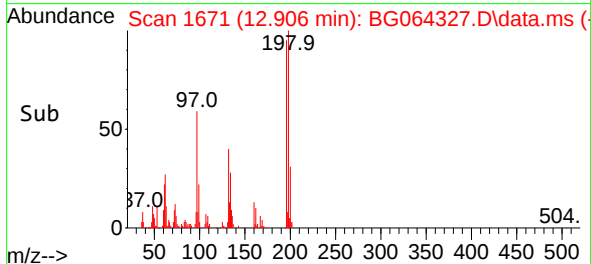
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



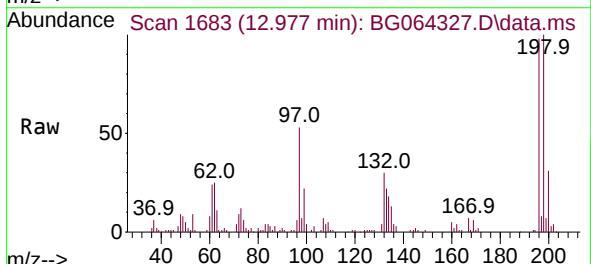
Tgt Ion:196 Resp: 63970
Ion Ratio Lower Upper
196 100
198 105.5 85.4 128.2
200 32.8 27.3 40.9

Manual Integrations
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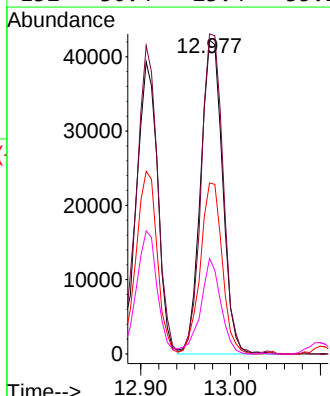
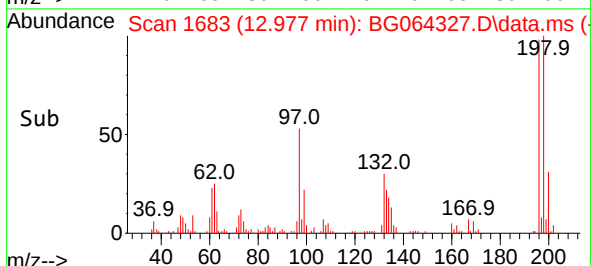
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

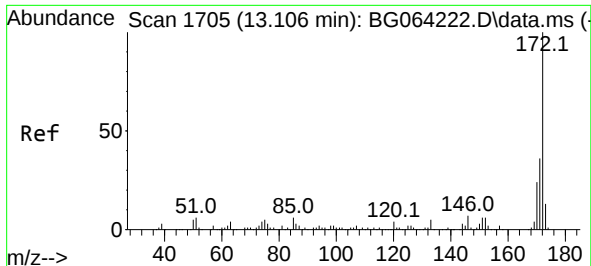


#44
2,4,5-Trichlorophenol
Concen: 52.796 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



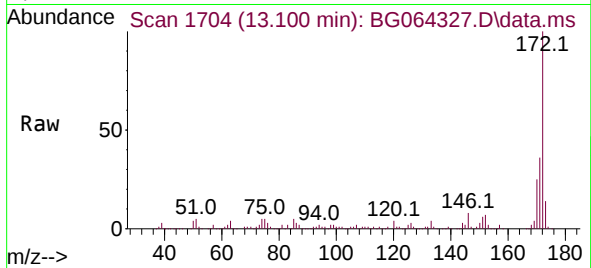
Tgt Ion:196 Resp: 71828
Ion Ratio Lower Upper
196 100
198 102.0 84.5 126.7
97 54.5 46.8 70.2
132 30.4 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 96.737 ng
RT: 13.100 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

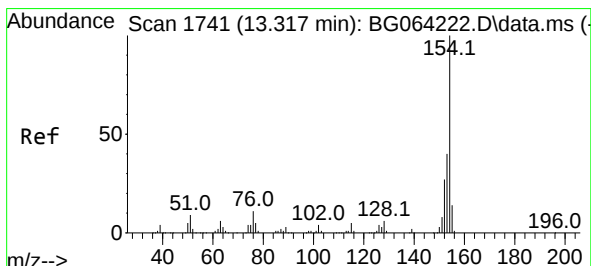
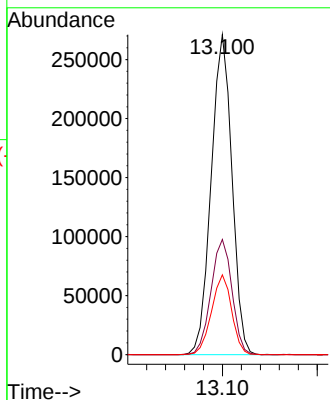
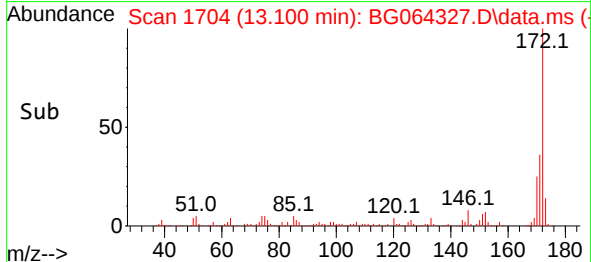
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



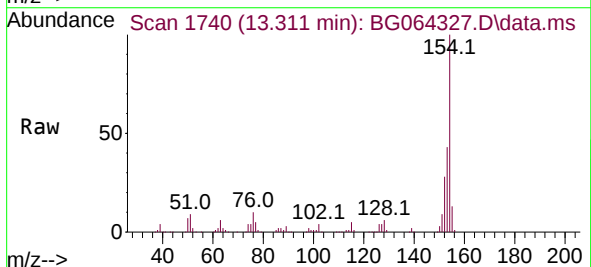
Tgt Ion:172 Resp: 412162
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.9 19.0 28.6

Manual Integrations
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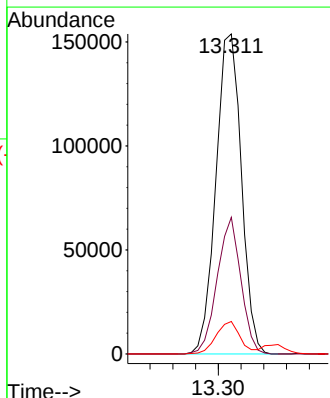
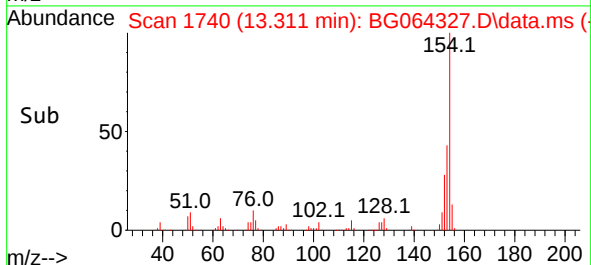
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

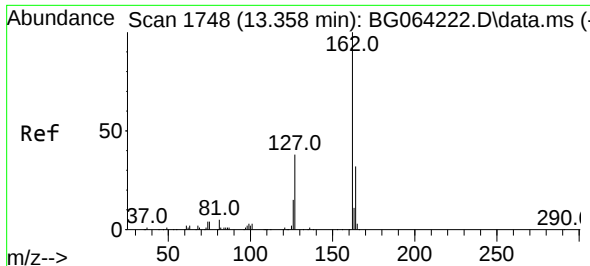


#46
1,1'-Biphenyl
Concen: 50.451 ng
RT: 13.311 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



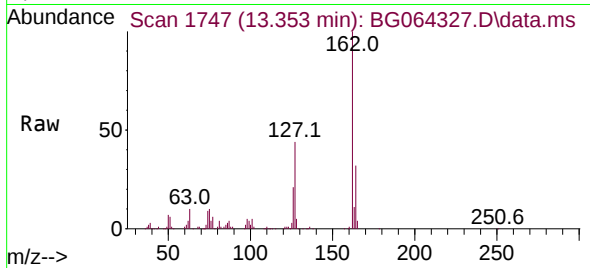
Tgt Ion:154 Resp: 238970
Ion Ratio Lower Upper
154 100
153 42.7 19.9 59.9
76 10.1 0.0 30.9





#47
2-Chloronaphthalene
Concen: 44.463 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

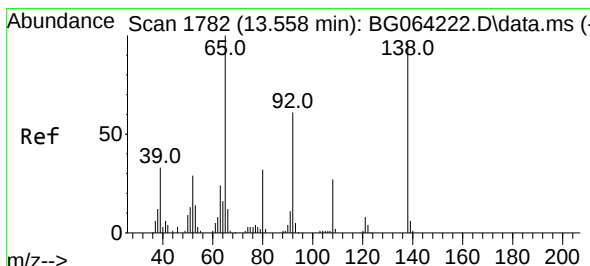
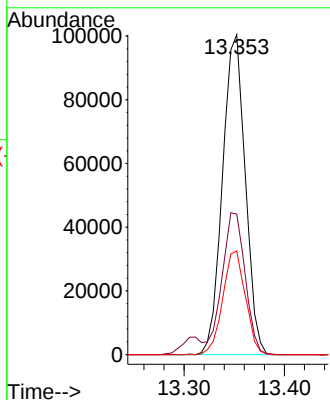
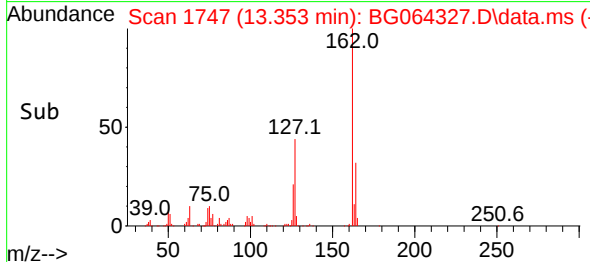
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 158331
Ion Ratio Lower Upper
162 100
127 43.9 33.9 50.9
164 32.4 25.4 38.2

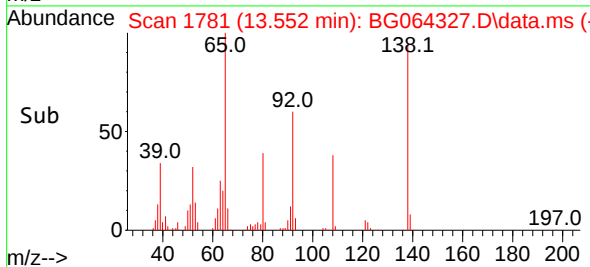
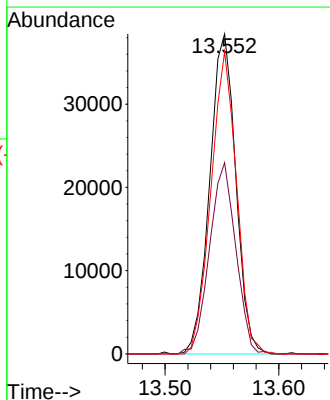
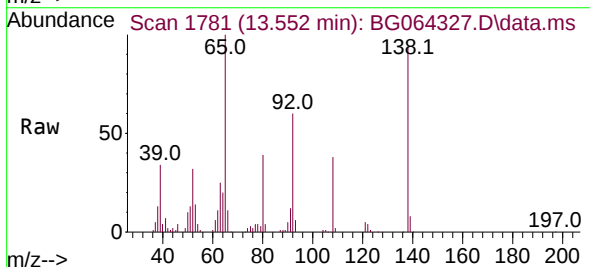
Manual Integrations
APPROVED

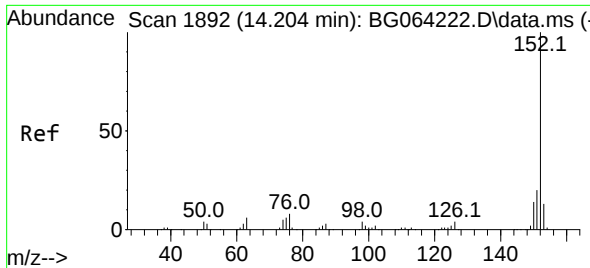
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#48
2-Nitroaniline
Concen: 50.241 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

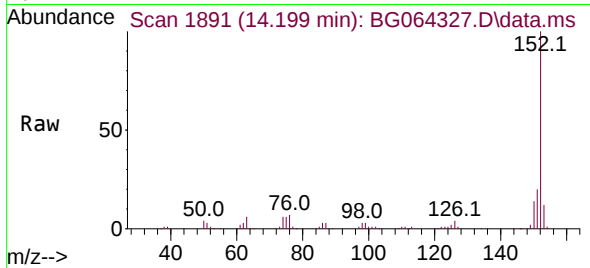
Tgt Ion: 65 Resp: 60978
Ion Ratio Lower Upper
65 100
92 59.7 49.2 73.8
138 94.4 76.8 115.2





#49
Acenaphthylene
Concen: 53.358 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

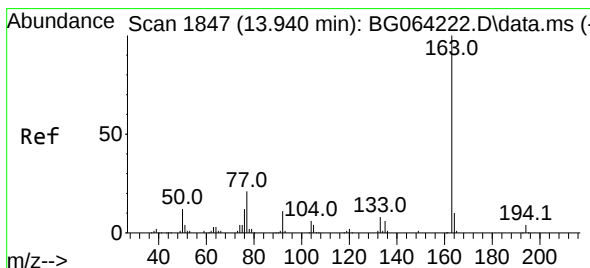
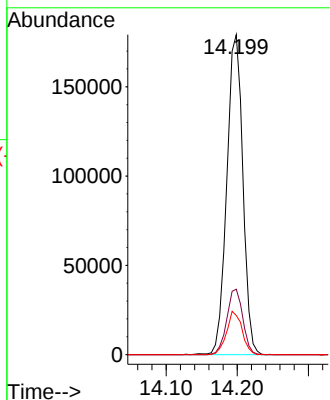
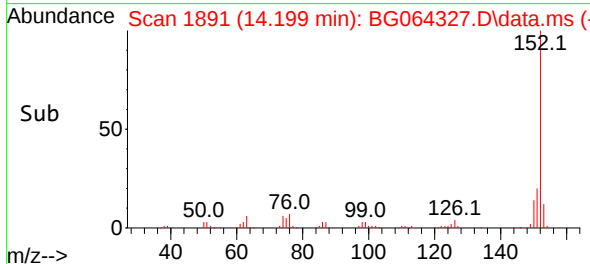
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



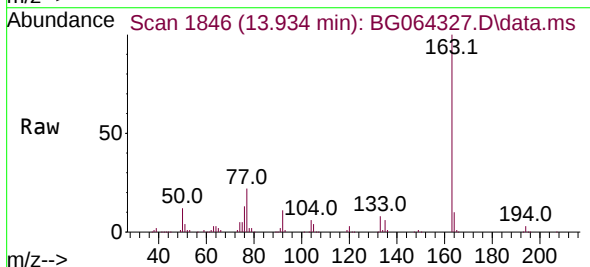
Tgt Ion:152 Resp: 280873
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.2 10.1 15.1

Manual Integrations
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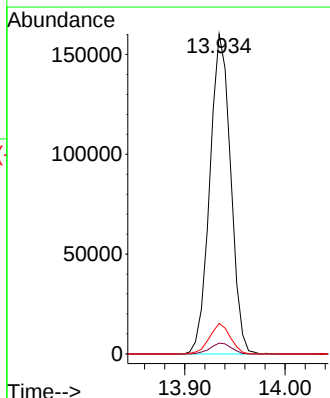
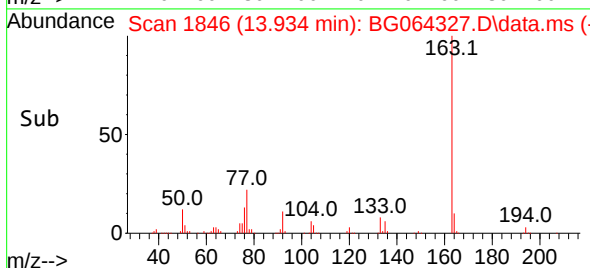
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

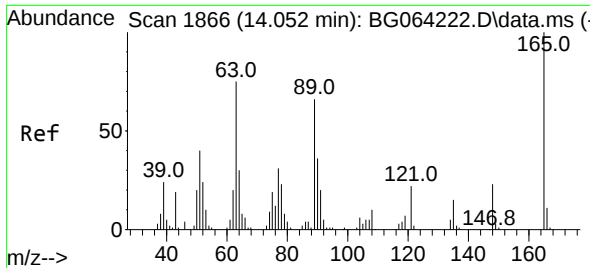


#50
Dimethylphthalate
Concen: 46.993 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



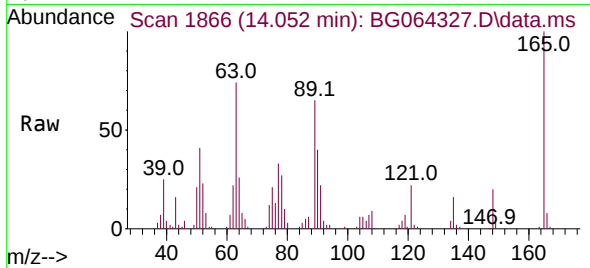
Tgt Ion:163 Resp: 231319
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 52.707 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

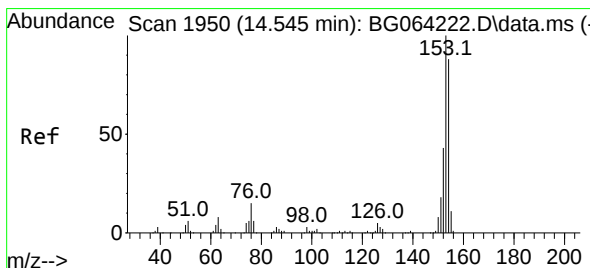
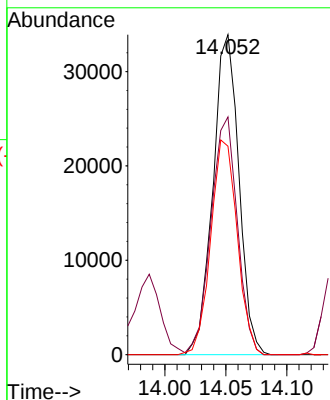
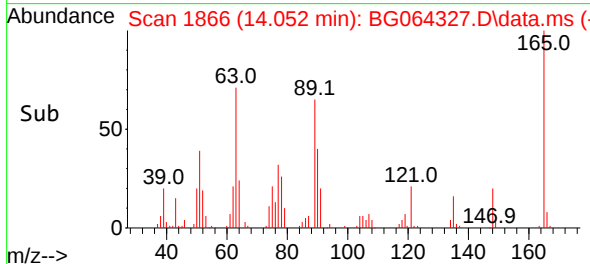
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



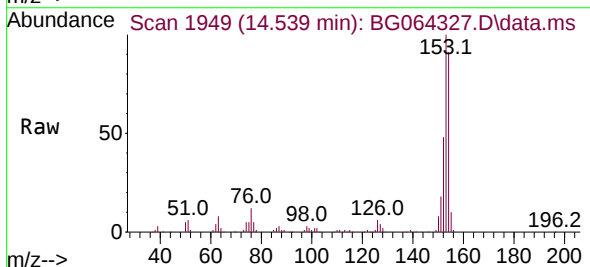
Tgt Ion:165 Resp: 50228
Ion Ratio Lower Upper
165 100
63 74.3 60.3 90.5
89 65.1 52.9 79.3

Manual Integrations
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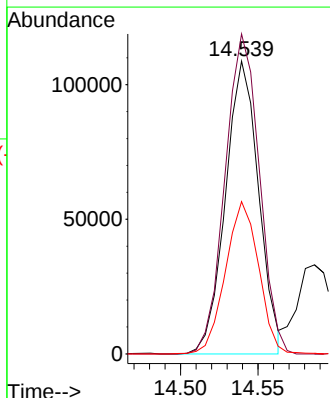
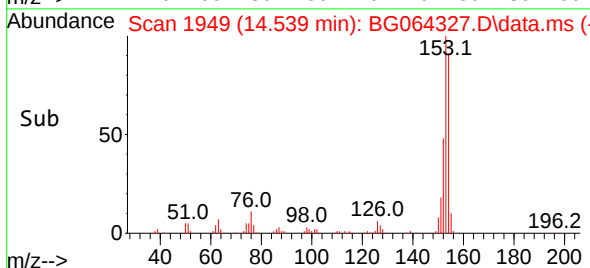
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

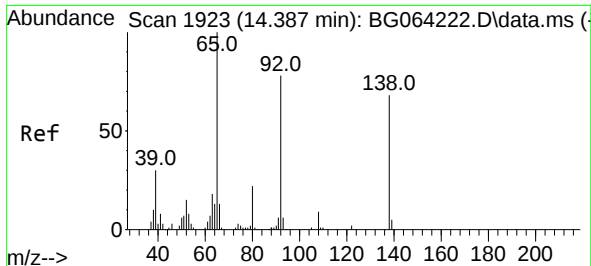


#52
Acenaphthene
Concen: 43.576 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



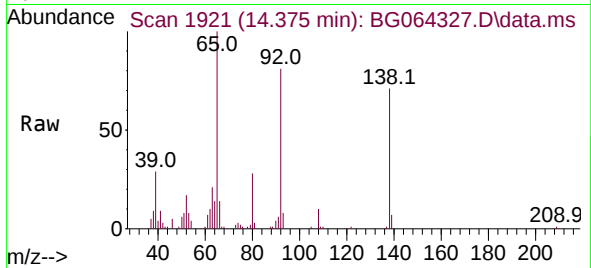
Tgt Ion:154 Resp: 161877
Ion Ratio Lower Upper
154 100
153 109.3 91.1 136.7
152 52.0 39.6 59.4





#53
3-Nitroaniline
Concen: 25.518 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

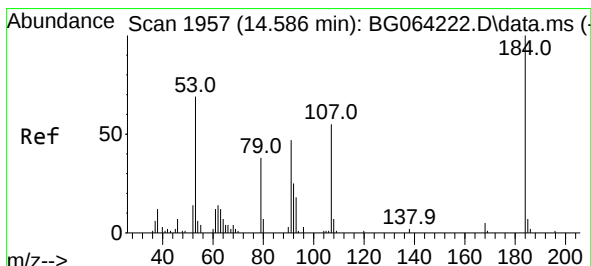
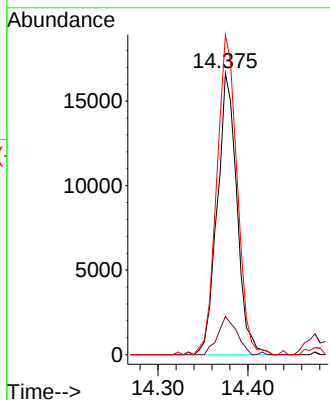
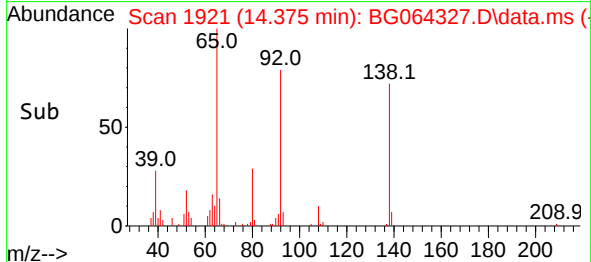
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:138 Resp: 25472
Ion Ratio Lower Upper
138 100
108 13.5 11.0 16.6
92 113.7 91.4 137.0

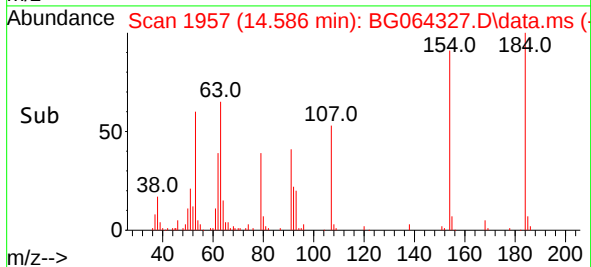
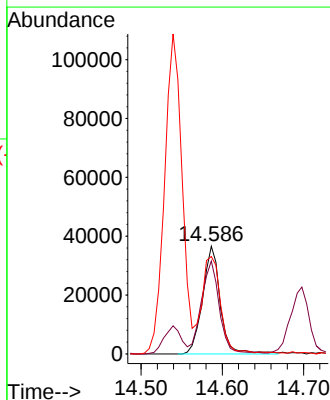
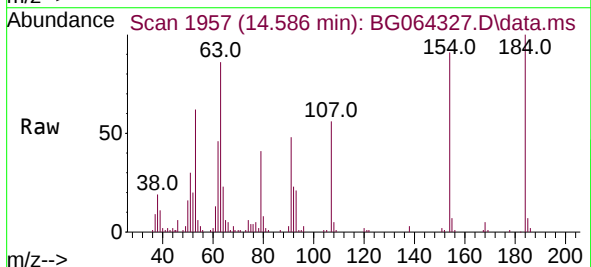
Manual Integrations
APPROVED

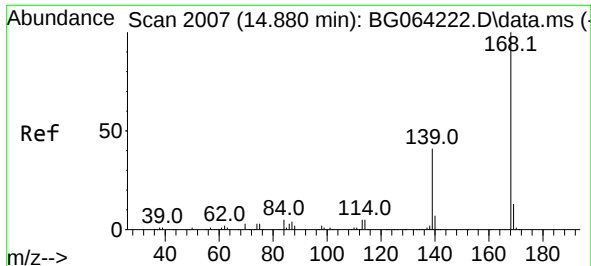
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 88.241 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

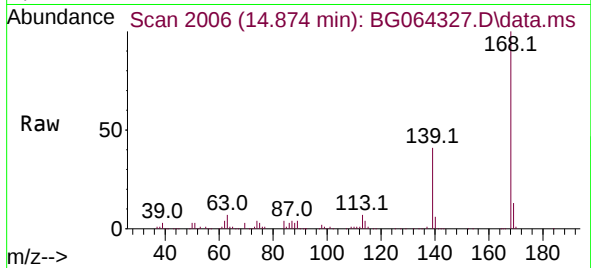
Tgt Ion:184 Resp: 55330
Ion Ratio Lower Upper
184 100
63 86.4 60.1 90.1
154 90.5 59.8 89.8#





#55
Dibenzenofuran
Concen: 47.090 ng
RT: 14.874 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

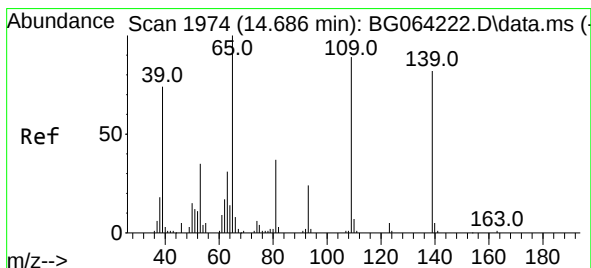
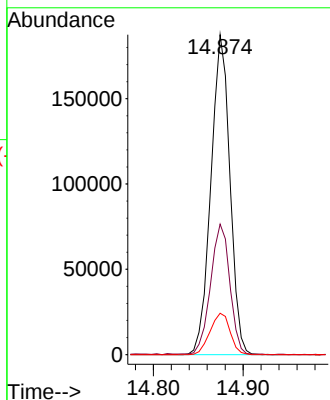
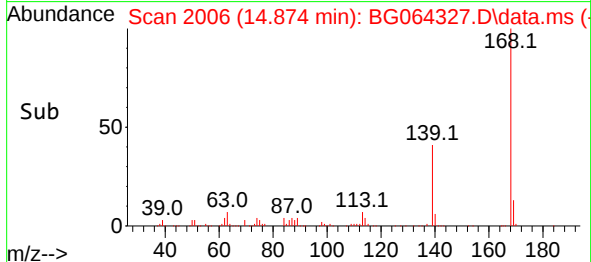
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:168 Resp: 275155
Ion Ratio Lower Upper
168 100
139 40.8 33.2 49.8
169 12.9 10.4 15.6

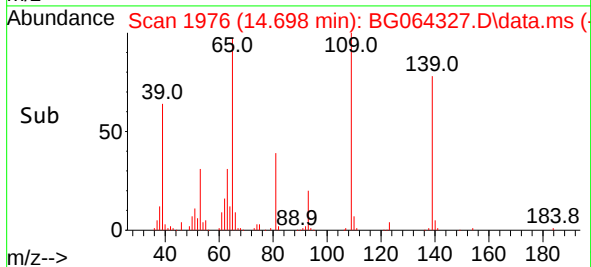
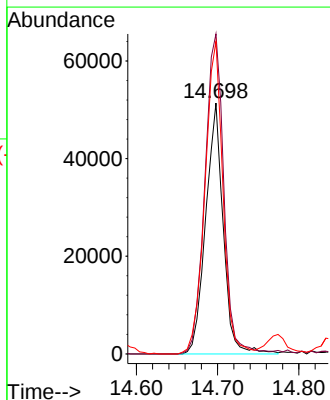
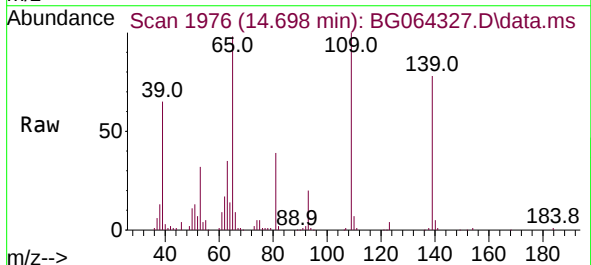
Manual Integrations
APPROVED

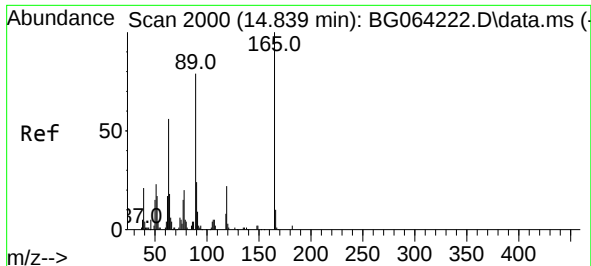
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#56
4-Nitrophenol
Concen: 94.179 ng
RT: 14.698 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

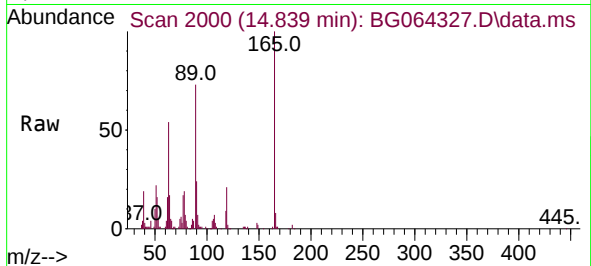
Tgt Ion:139 Resp: 77117
Ion Ratio Lower Upper
139 100
109 127.6 89.1 129.1
65 124.5 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 55.029 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

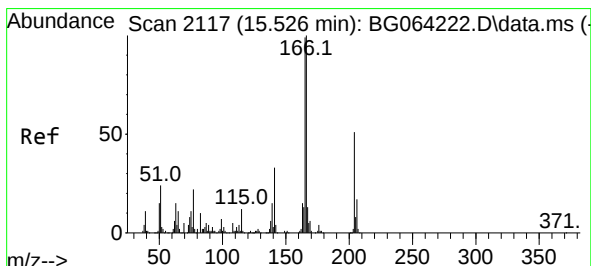
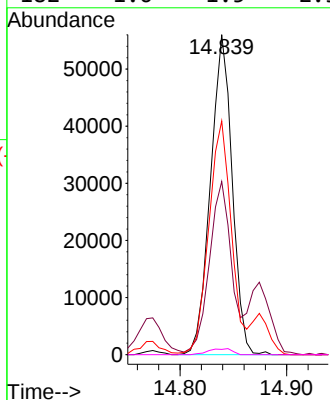
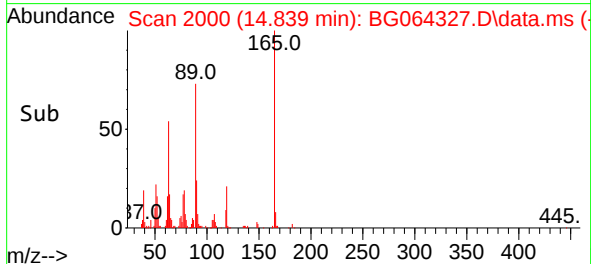
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



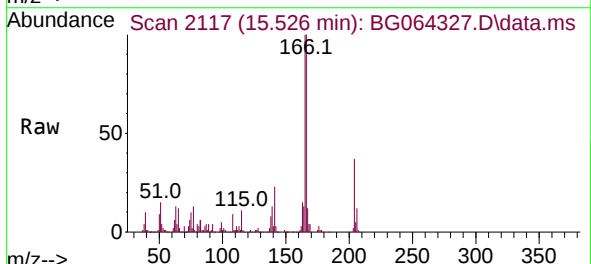
Tgt Ion:165 Resp: 79290
Ion Ratio Lower Upper
165 100
63 54.1 44.6 67.0
89 73.0 63.0 94.4
182 1.6 1.5 2.3

Manual Integrations
APPROVED

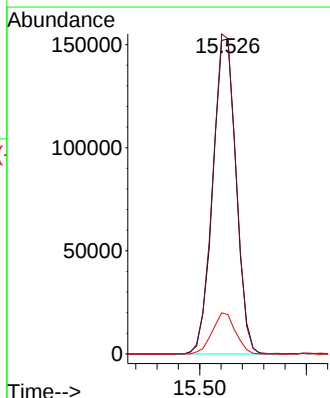
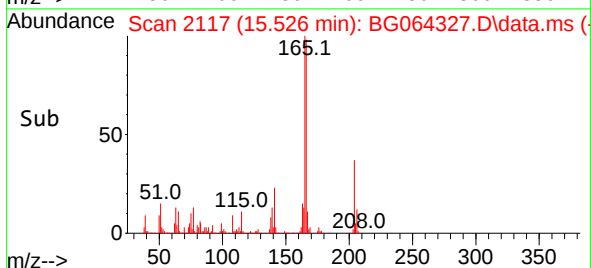
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

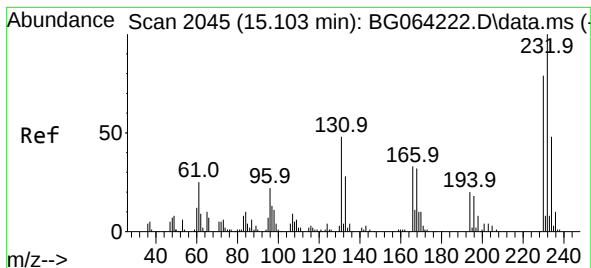


#58
Fluorene
Concen: 48.454 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



Tgt Ion:166 Resp: 232054
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 12.5 10.2 15.4





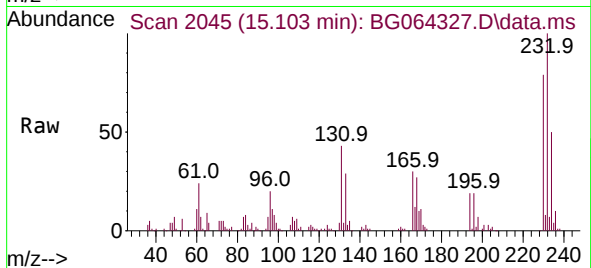
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.190 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

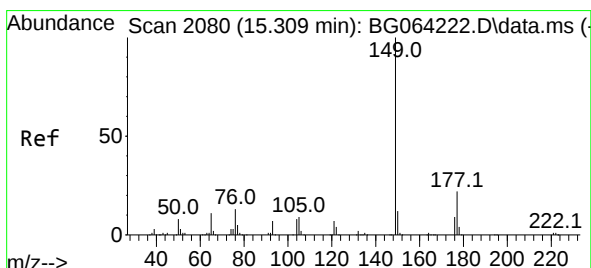
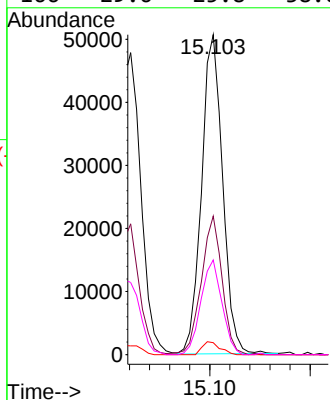
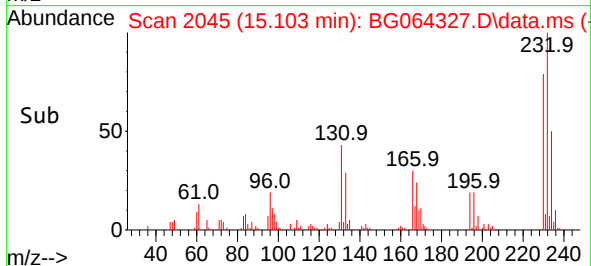


Tgt Ion:232 Resp: 73526
Ion Ratio Lower Upper
232 100
131 43.0 37.1 55.7
130 3.4 2.6 3.8
166 29.6 25.8 38.6

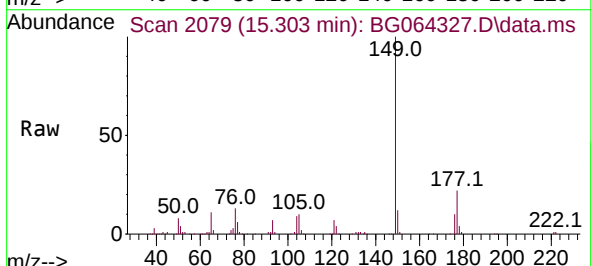
Manual Integrations

APPROVED

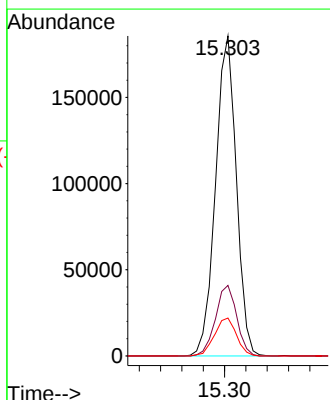
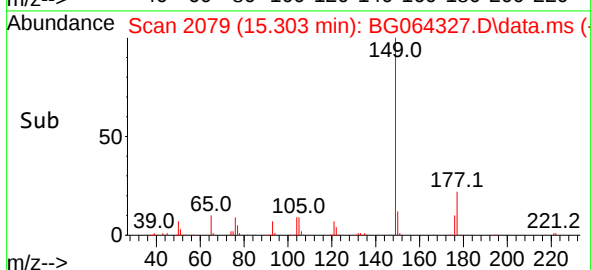
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

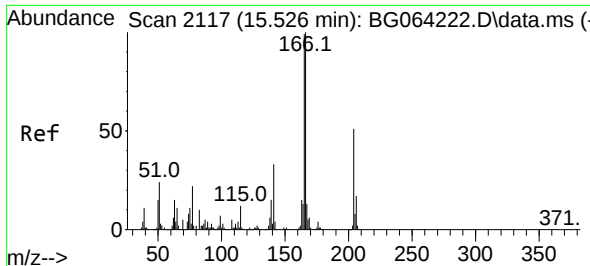


#60
Diethylphthalate
Concen: 47.825 ng
RT: 15.303 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



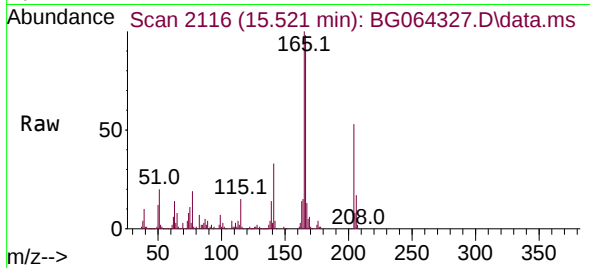
Tgt Ion:149 Resp: 251948
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 11.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.905 ng
RT: 15.521 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

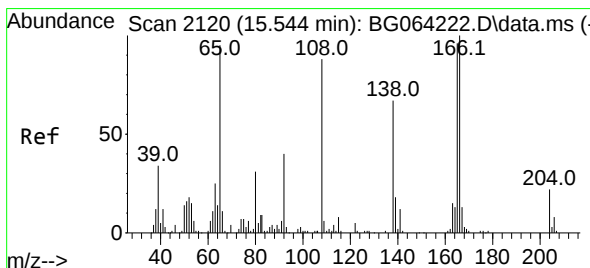
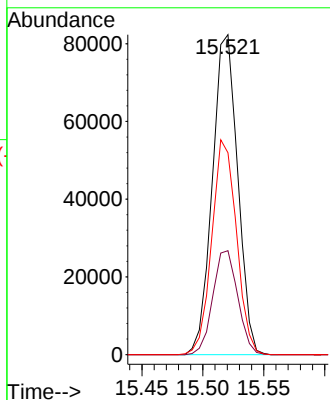
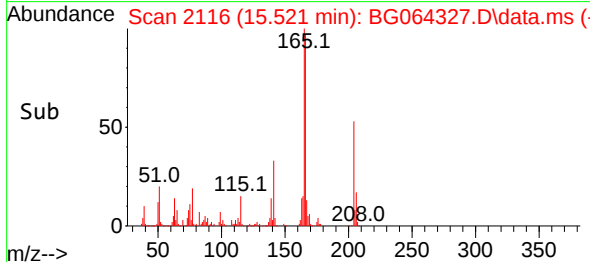
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 119164
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 63.1 51.9 77.9

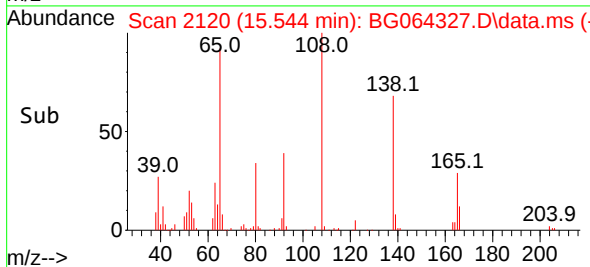
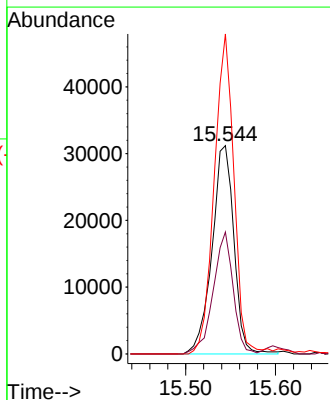
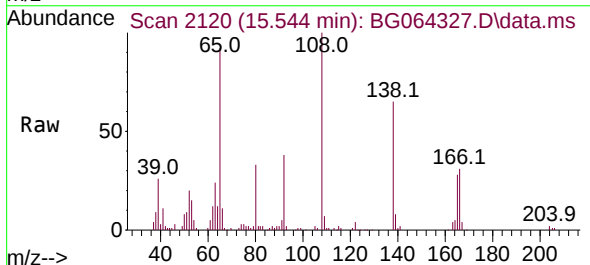
Manual Integrations
APPROVED

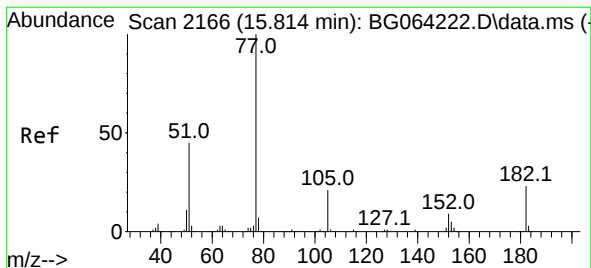
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 51.881 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:138 Resp: 52845
Ion Ratio Lower Upper
138 100
92 58.5 39.1 79.1
108 153.7 111.3 151.3#





#63

Azobenzene

Concen: 44.880 ng

RT: 15.814 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 210729

Ion Ratio Lower Upper

77 100

182 27.7 3.3 43.3

105 19.9 0.6 40.6

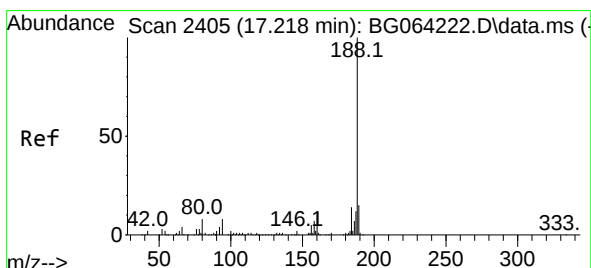
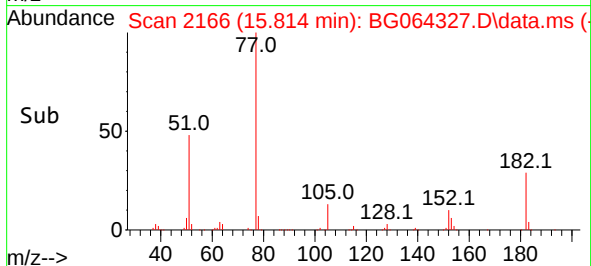
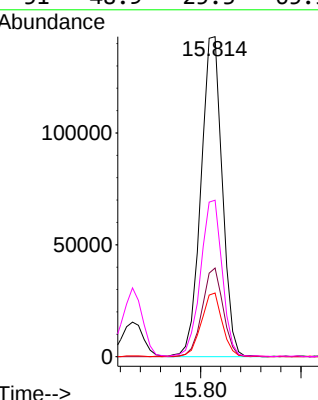
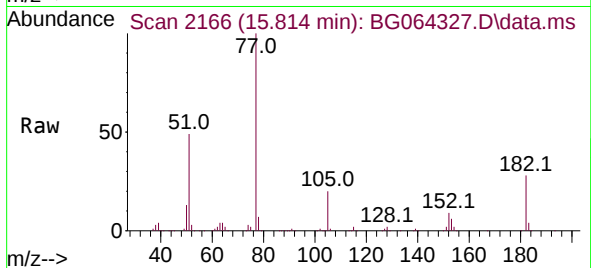
51 48.9 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

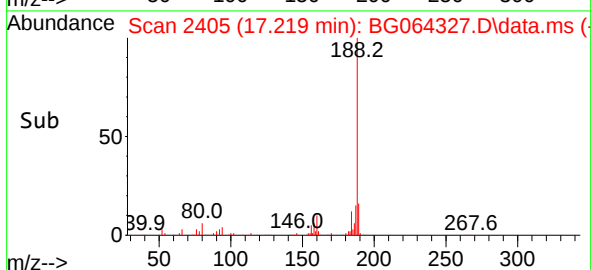
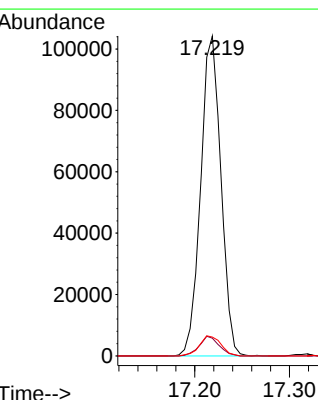
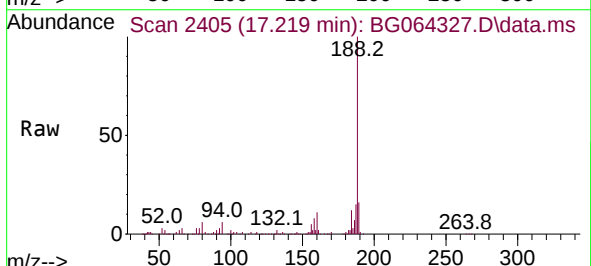
Tgt Ion:188 Resp: 154698

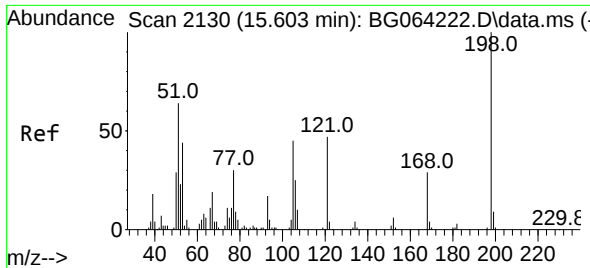
Ion Ratio Lower Upper

188 100

94 5.5 6.2 9.4#

80 5.9 6.8 10.2#





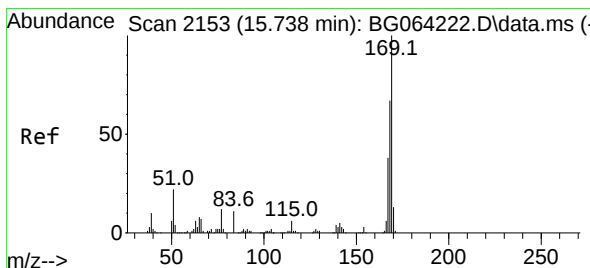
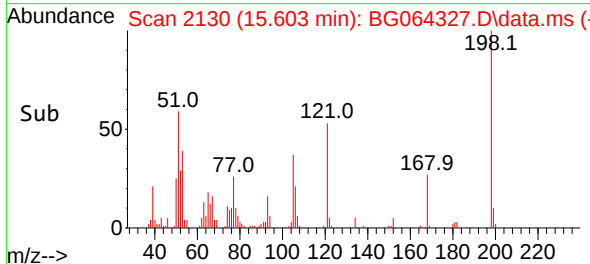
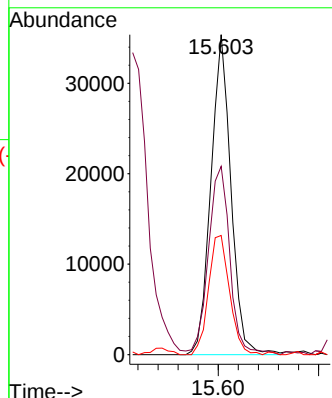
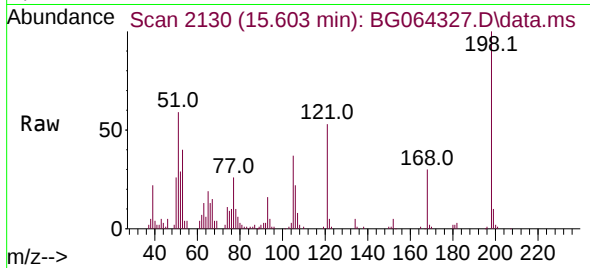
#65
4,6-Dinitro-2-methylphenol
Concen: 55.207 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:198 Resp: 49033
Ion Ratio Lower Upper
198 100
51 58.8 46.2 86.2
105 37.2 25.0 65.0

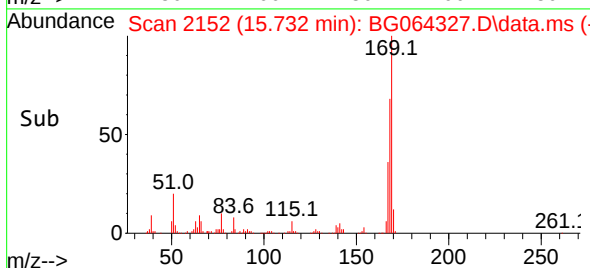
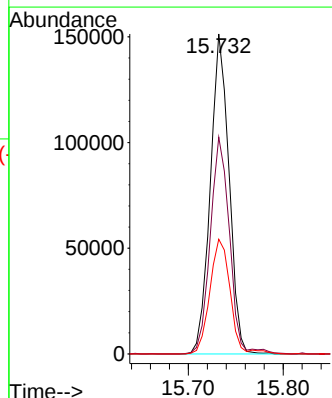
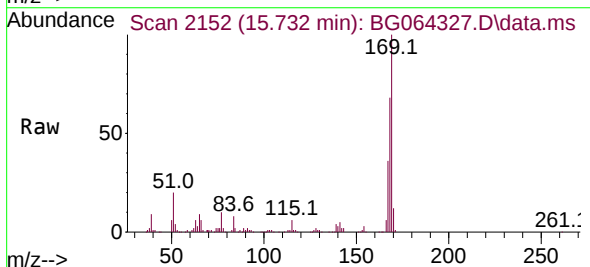
Manual Integrations
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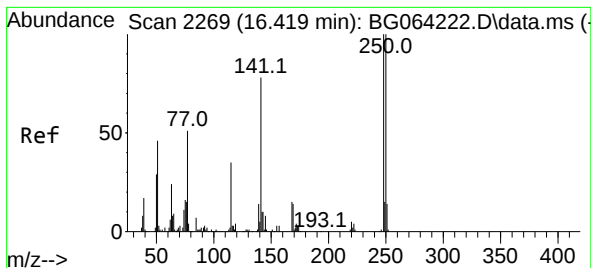
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 48.608 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

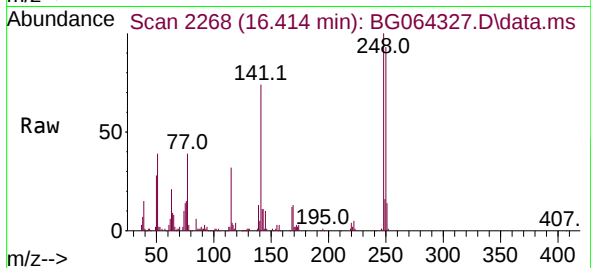
Tgt Ion:169 Resp: 206857
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.8
167 35.8 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 51.523 ng
RT: 16.414 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

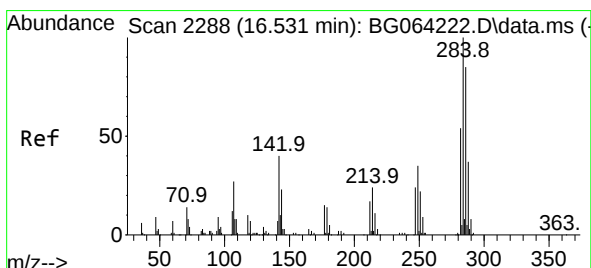
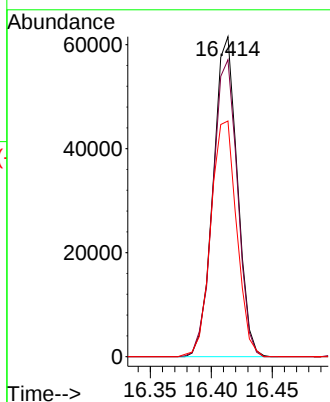
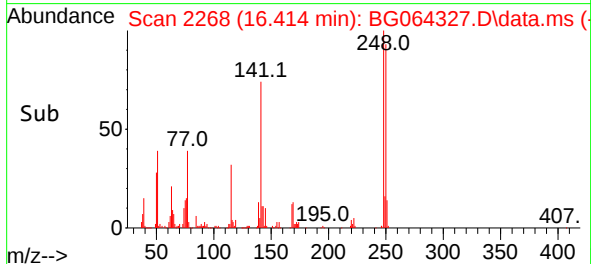
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:248 Resp: 84652
Ion Ratio Lower Upper
248 100
250 92.8 80.2 120.4
141 73.6 62.4 93.6

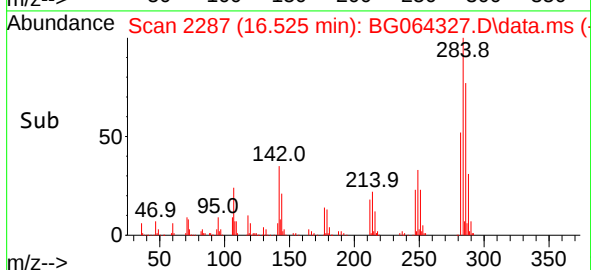
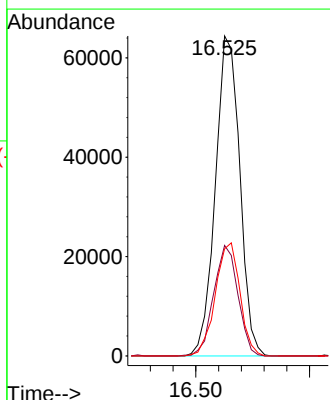
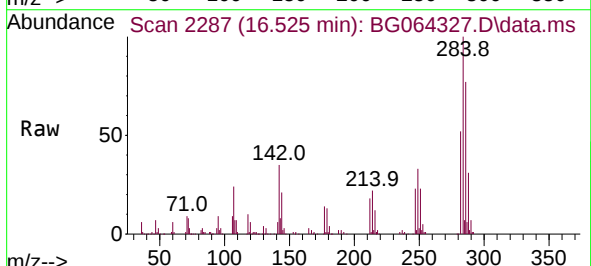
Manual Integrations
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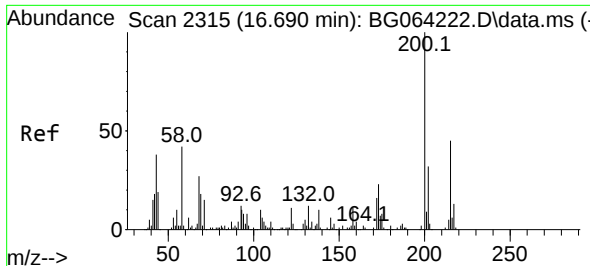
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#68
Hexachlorobenzene
Concen: 52.532 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

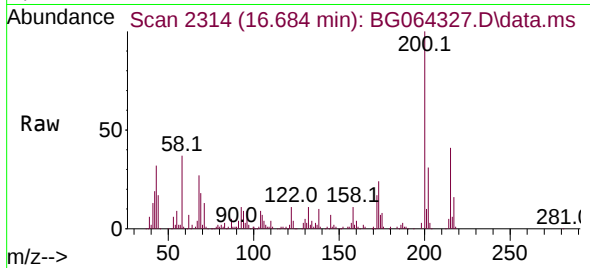
Tgt Ion:284 Resp: 95851
Ion Ratio Lower Upper
284 100
142 34.5 32.1 48.1
249 33.5 28.3 42.5





#69
 Atrazine
 Concen: 52.492 ng
 RT: 16.684 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

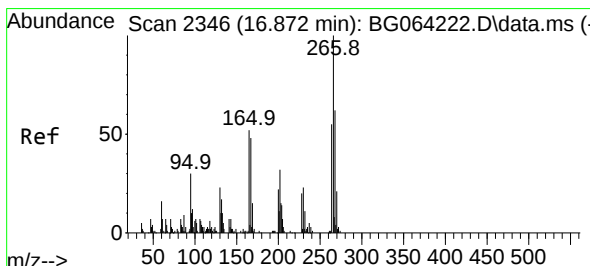
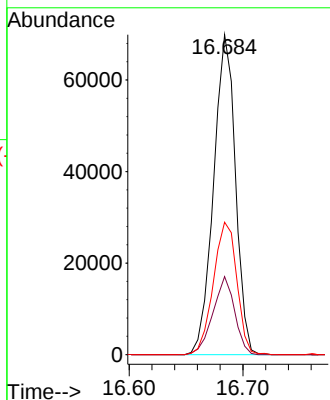
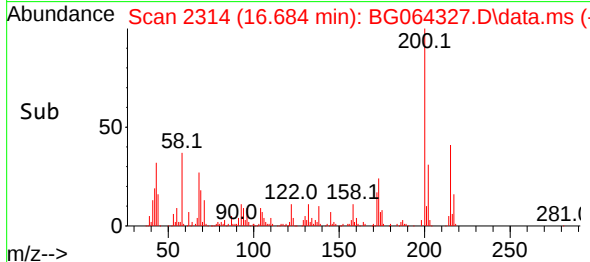
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:200 Resp: 93273
 Ion Ratio Lower Upper
 200 100
 173 24.4 3.5 43.5
 215 41.4 24.8 64.8

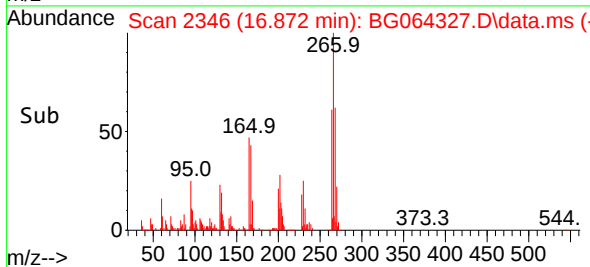
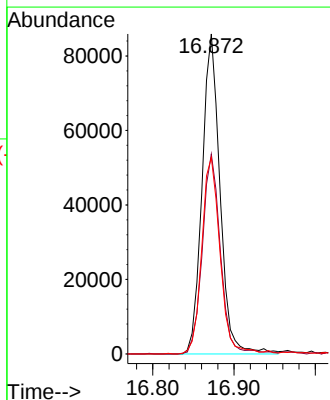
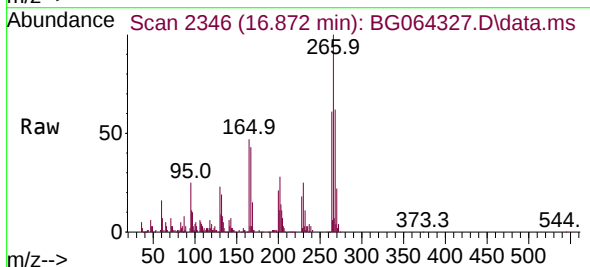
Manual Integrations
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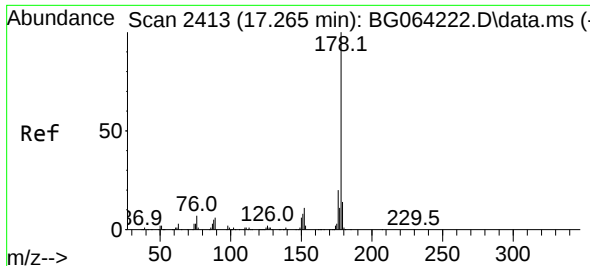
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#70
 Pentachlorophenol
 Concen: 119.157 ng
 RT: 16.872 min Scan# 2346
 Delta R.T. -0.006 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

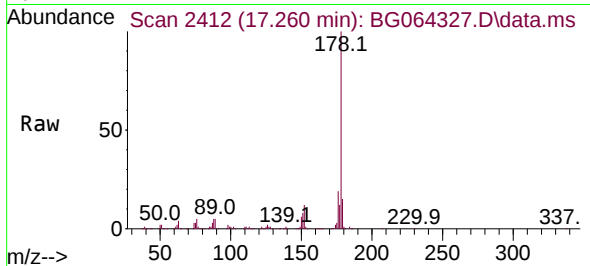
Tgt Ion:266 Resp: 131829
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.4 74.0
 264 61.4 44.3 66.5





#71
Phenanthrene
Concen: 48.595 ng
RT: 17.260 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

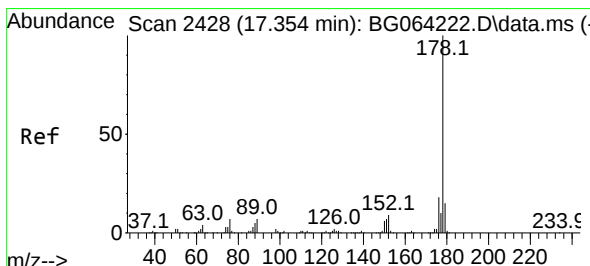
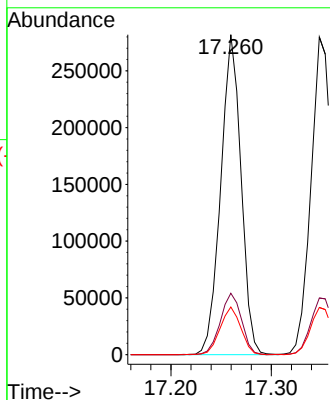
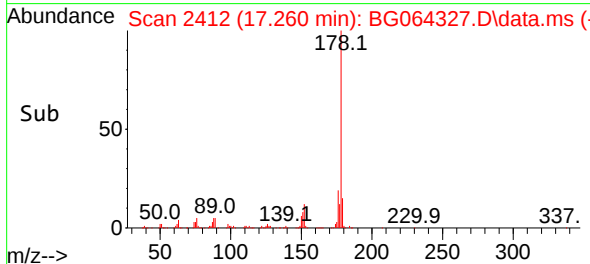
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



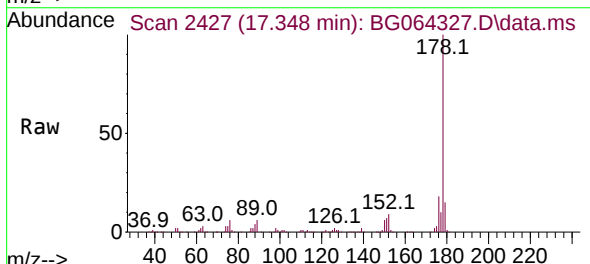
Tgt Ion:178 Resp: 396503
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.9 11.4 17.2

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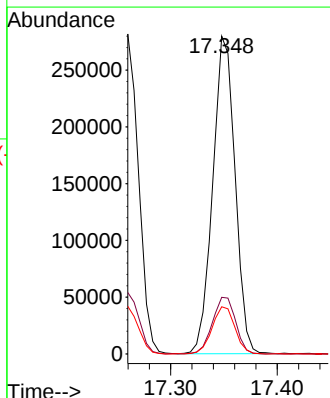
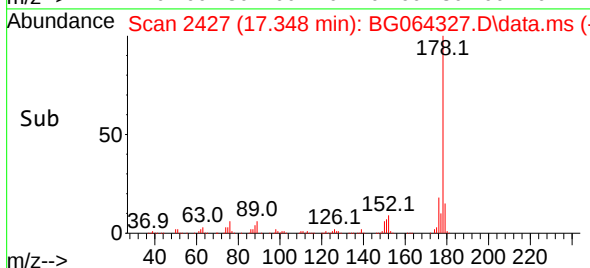
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

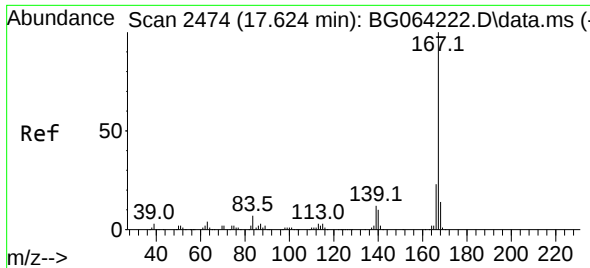


#72
Anthracene
Concen: 49.170 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



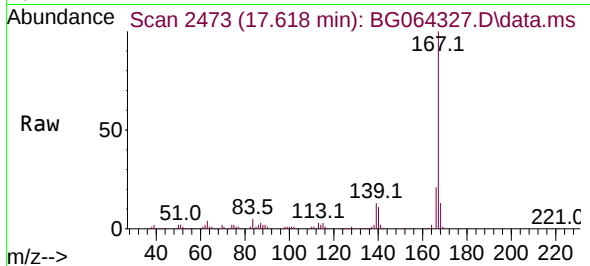
Tgt Ion:178 Resp: 408102
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 14.8 12.1 18.1





#73
 Carbazole
 Concen: 51.597 ng
 RT: 17.618 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

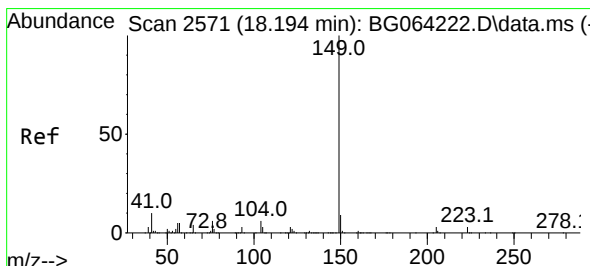
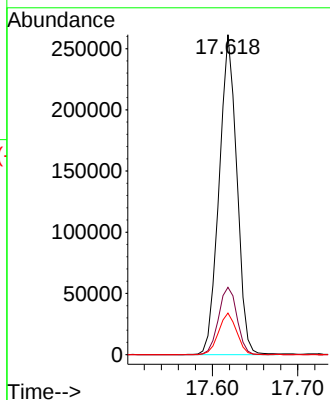
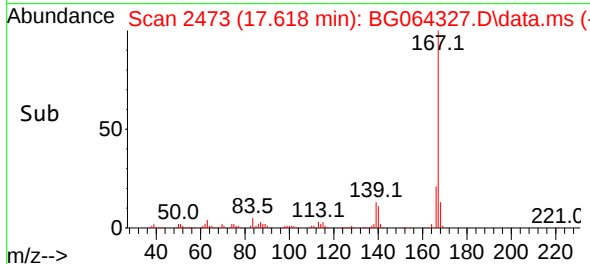
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



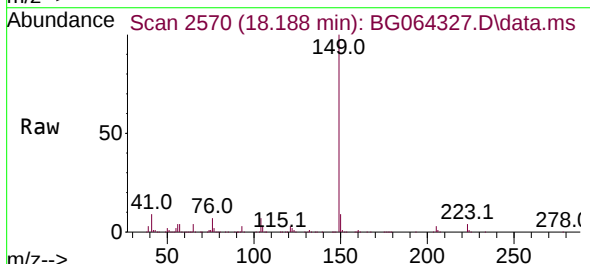
Tgt Ion:167 Resp: 377254
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.2
 139 13.0 9.8 14.6

Manual Integrations
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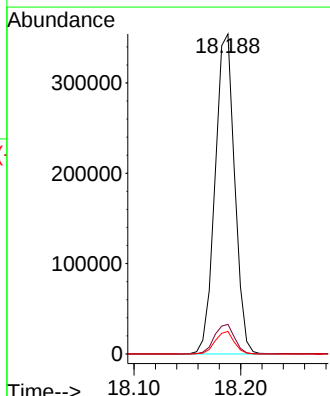
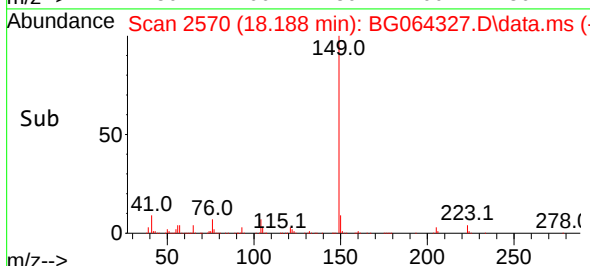
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

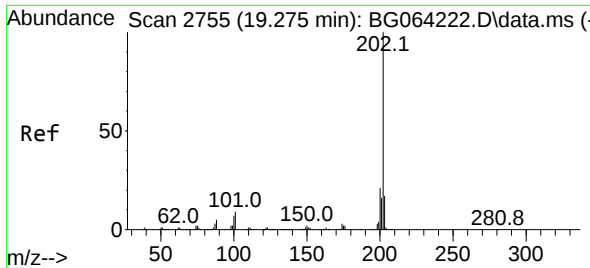


#74
 Di-n-butylphthalate
 Concen: 51.565 ng
 RT: 18.188 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10



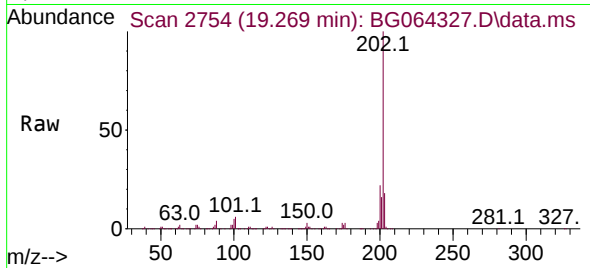
Tgt Ion:149 Resp: 452961
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 7.0 4.6 7.0#





#75
Fluoranthene
Concen: 52.791 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

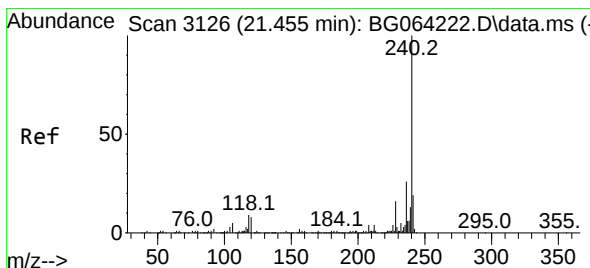
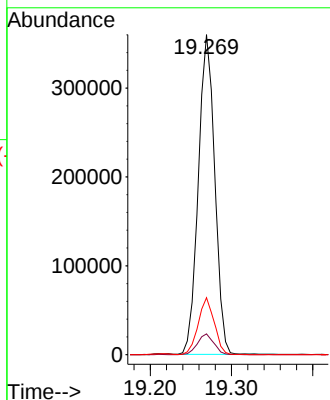
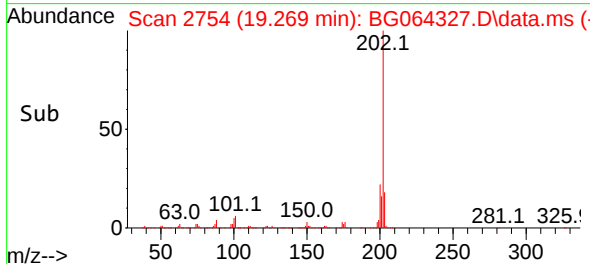
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:202 Resp: 506469
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.8 0.0 36.9

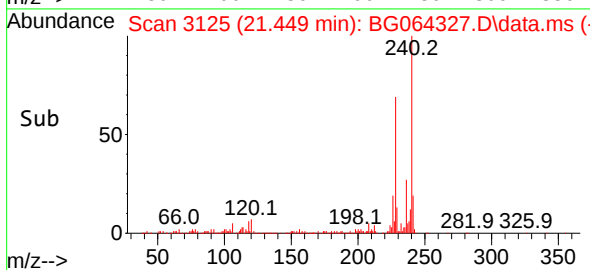
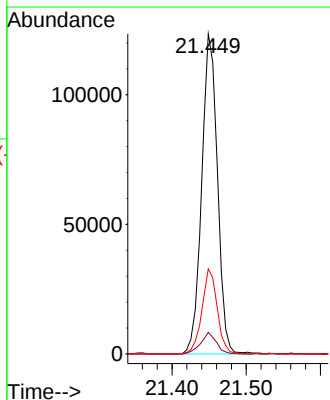
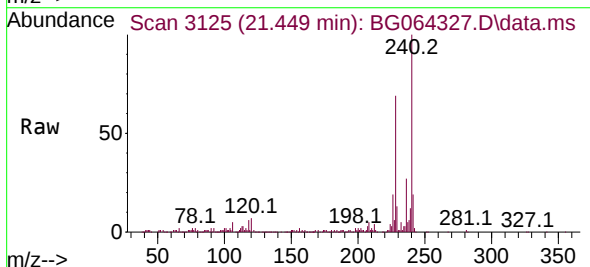
Manual Integrations
APPROVED

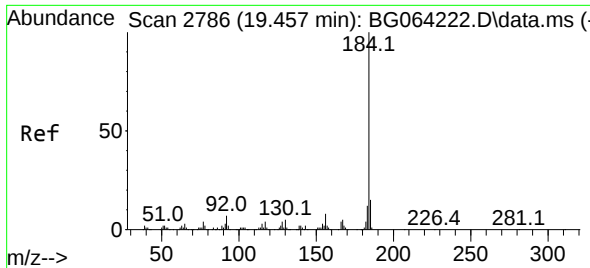
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:240 Resp: 181903
Ion Ratio Lower Upper
240 100
120 6.7 6.2 9.4
236 26.6 20.5 30.7





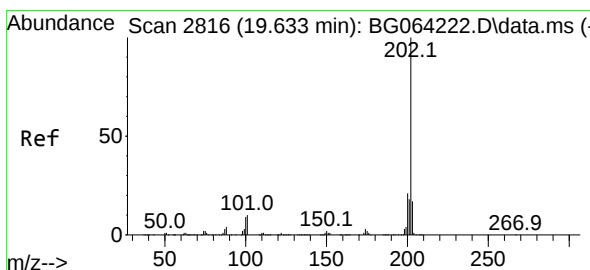
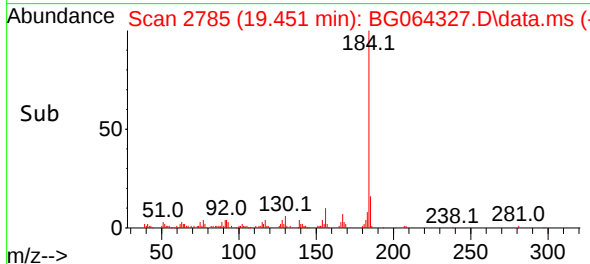
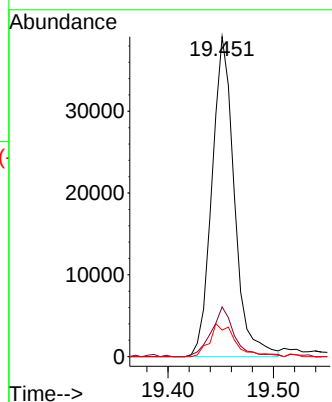
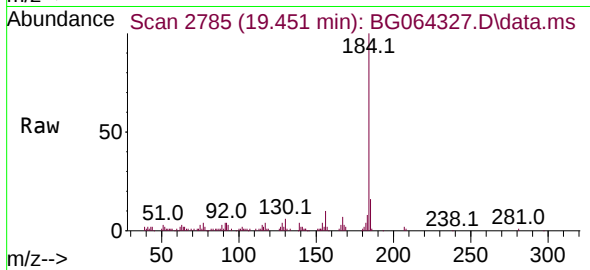
#77
Benzidine
Concen: 15.106 ng m
RT: 19.451 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:184 Resp: 57806
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 8.3 9.7 14.5

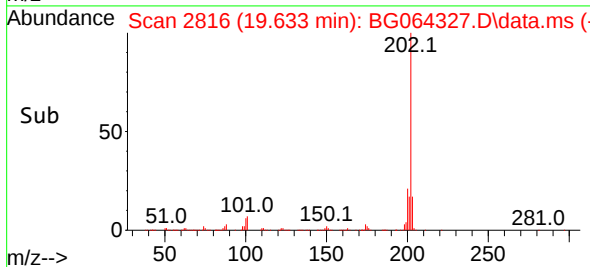
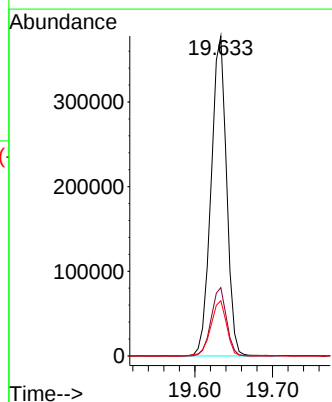
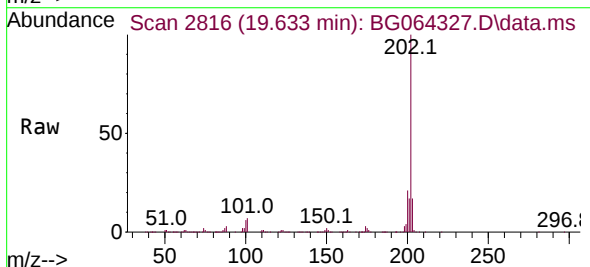
Manual Integrations
APPROVED

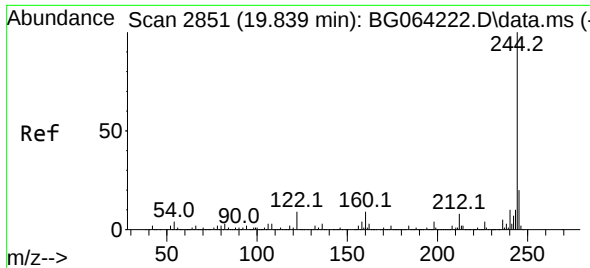
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 45.625 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:202 Resp: 522870
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.2 13.8 20.8





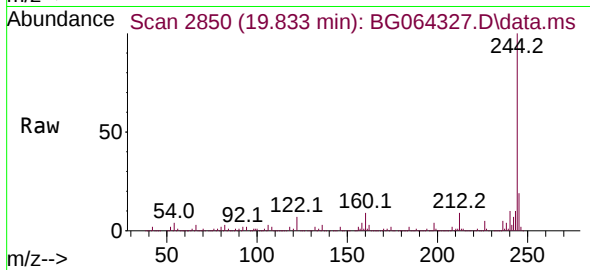
#79
 Terphenyl-d14
 Concen: 102.438 ng
 RT: 19.833 min Scan# 2850
 Delta R.T. -0.012 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

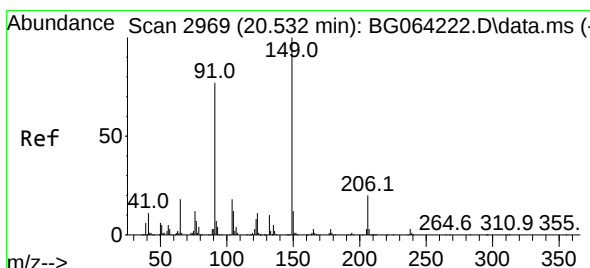
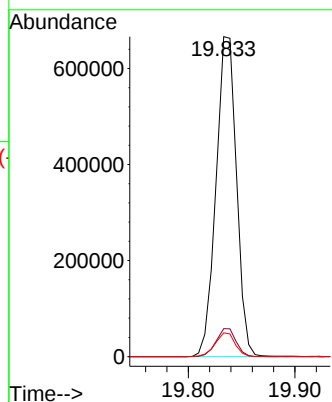
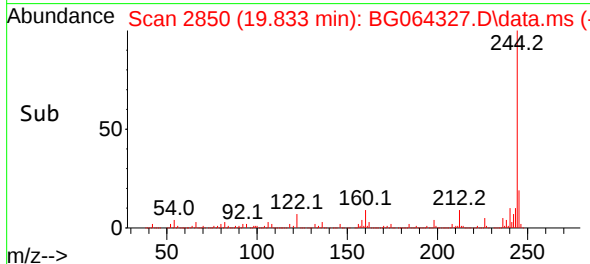


Tgt Ion:244 Resp: 893130
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 7.4 7.0 10.6

Manual Integrations

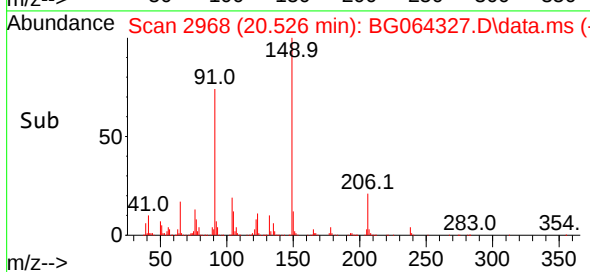
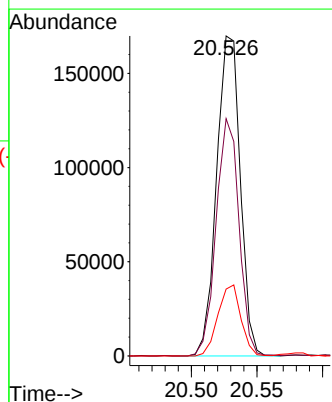
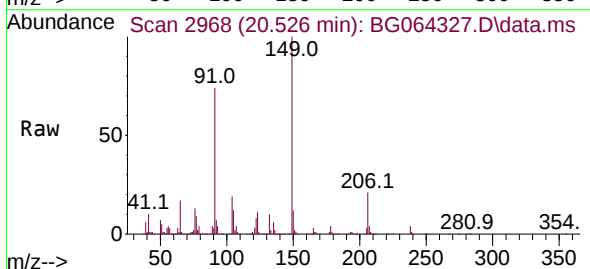
APPROVED

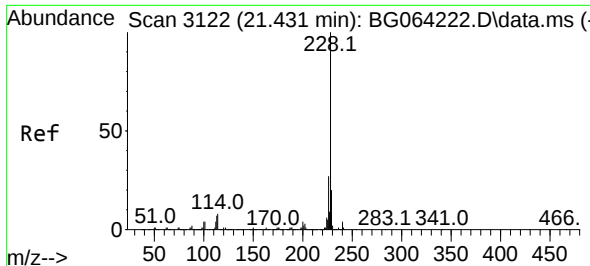
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#80
 Butylbenzylphthalate
 Concen: 49.358 ng
 RT: 20.526 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

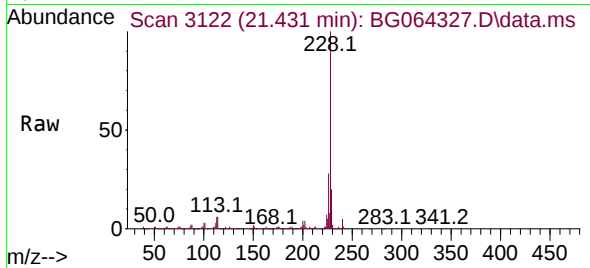
Tgt Ion:149 Resp: 213350
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.4 92.0
 206 20.9 15.8 23.6





#81
Benzo(a)anthracene
Concen: 48.452 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

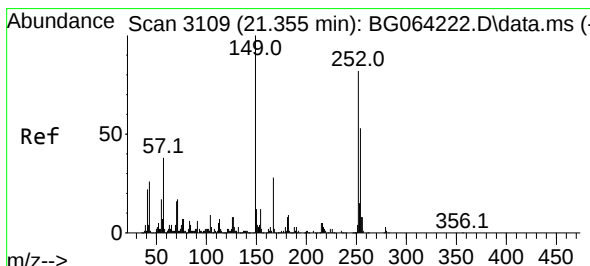
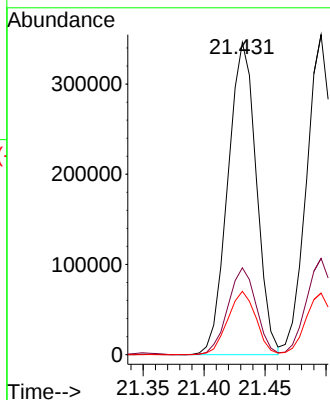
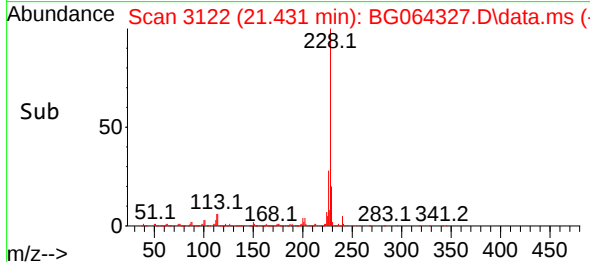
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:228 Resp: 56385
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.3 15.9 23.9

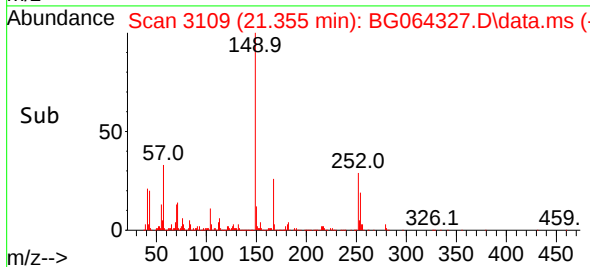
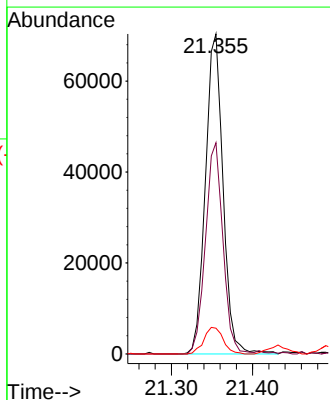
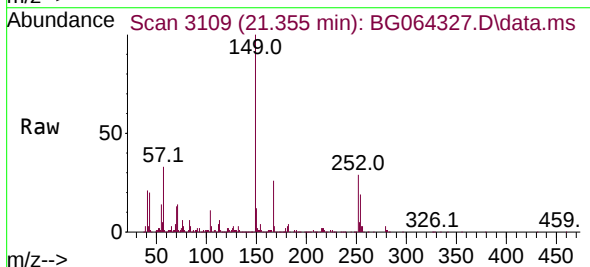
Manual Integrations
APPROVED

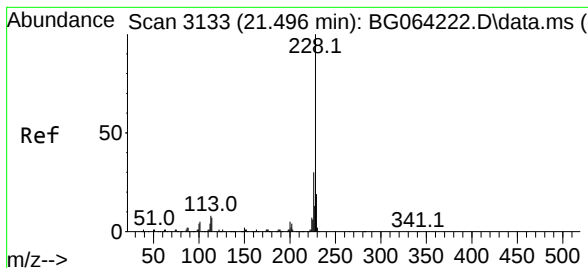
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.017 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:252 Resp: 106187
Ion Ratio Lower Upper
252 100
254 66.0 51.9 77.9
126 8.0 7.6 11.4





#83

Chrysene

Concen: 47.629 ng

RT: 21.496 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 532126

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

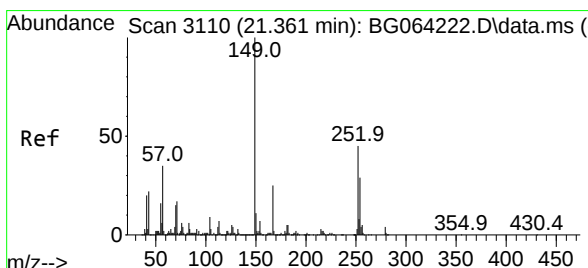
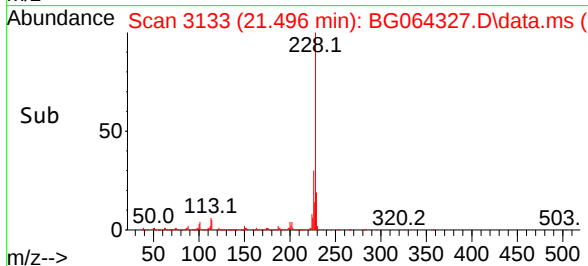
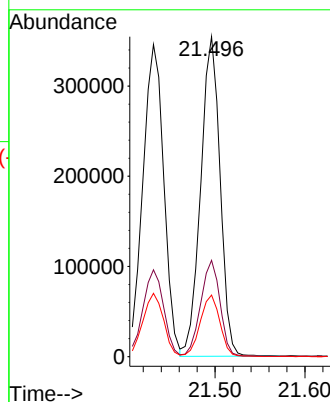
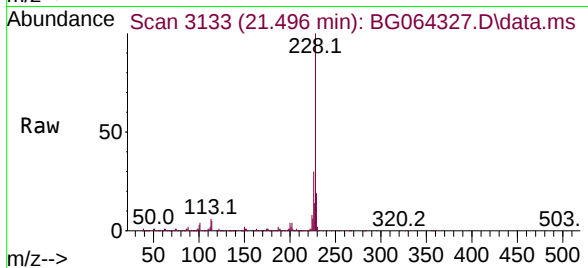
229 19.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.191 ng

RT: 21.355 min Scan# 3109

Delta R.T. -0.012 min

Lab File: BG064327.D

Acq: 9 Sep 2025 17:10

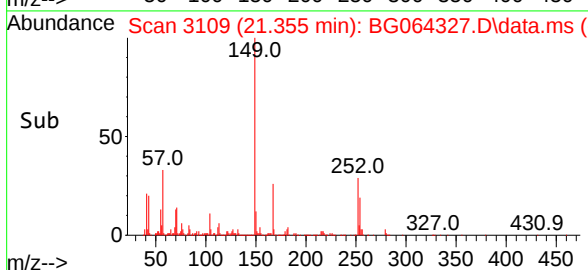
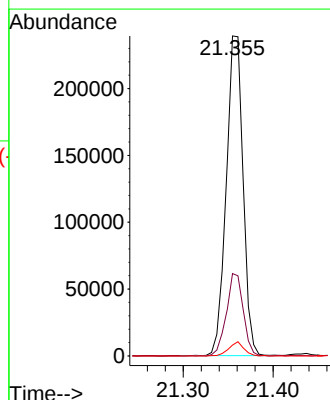
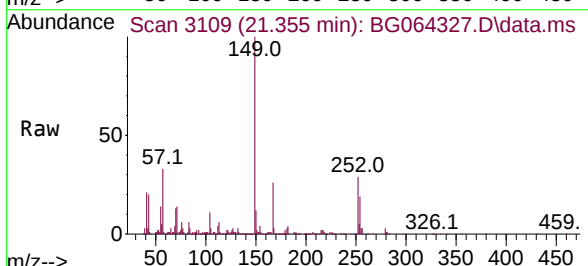
Tgt Ion:149 Resp: 312739

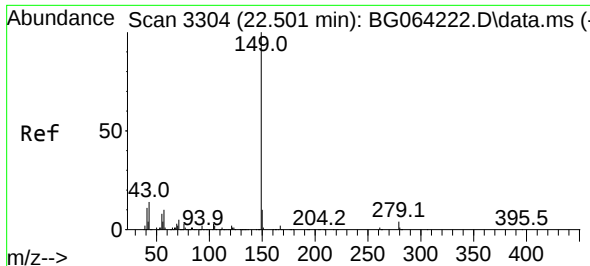
Ion Ratio Lower Upper

149 100

167 25.7 20.0 30.0

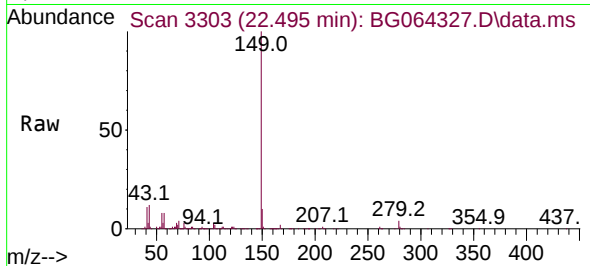
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 47.580 ng
RT: 22.495 min Scan# 3304
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

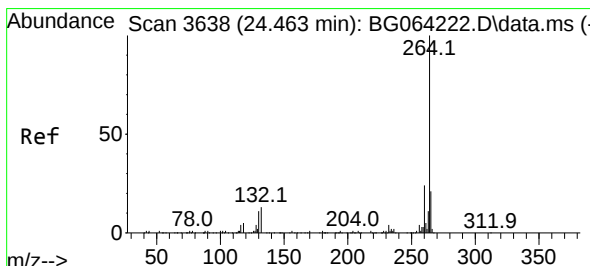
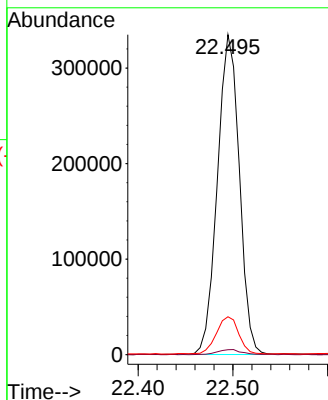
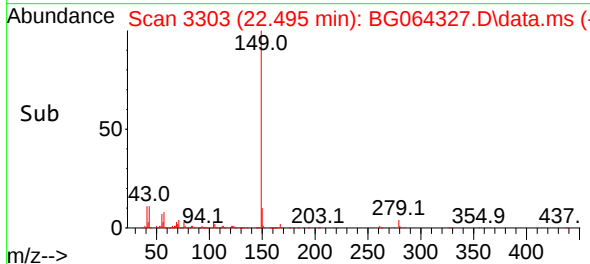
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



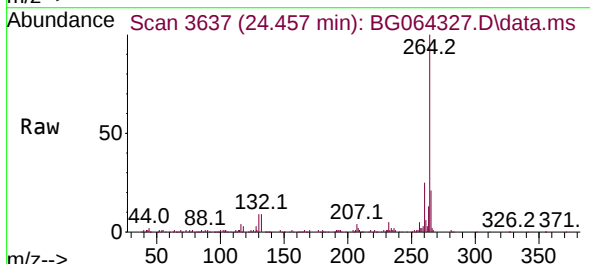
Tgt Ion:149 Resp: 538013
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 10.8 16.2

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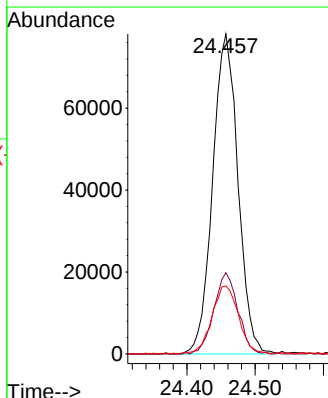
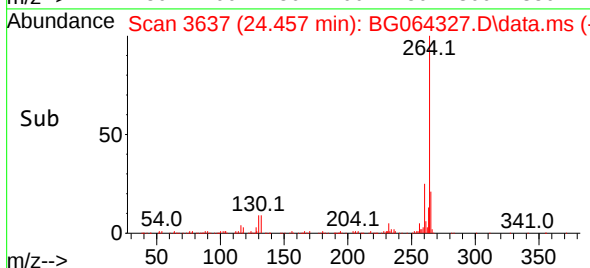
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

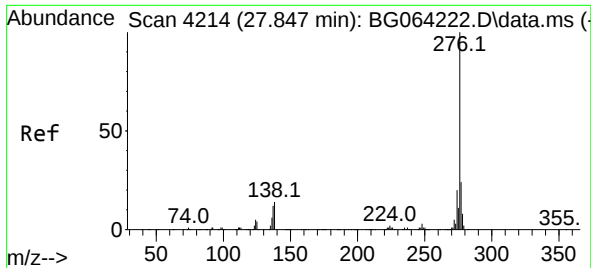


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10



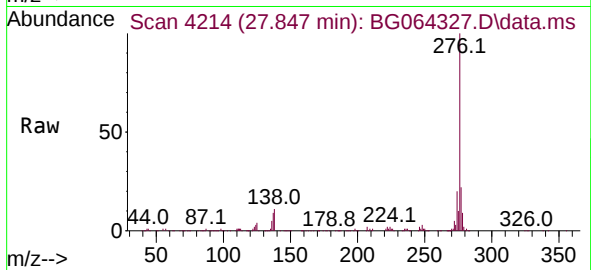
Tgt Ion:264 Resp: 200513
Ion Ratio Lower Upper
264 100
260 25.4 18.9 28.3
265 21.2 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.751 ng
 RT: 27.847 min Scan# 4214
 Delta R.T. -0.024 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

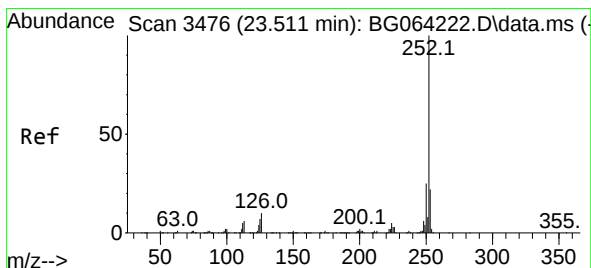
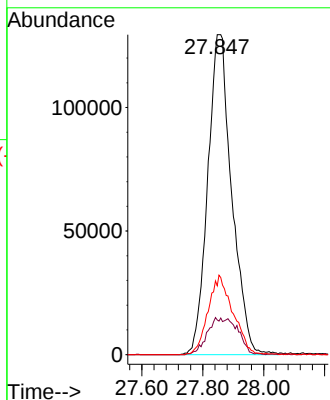
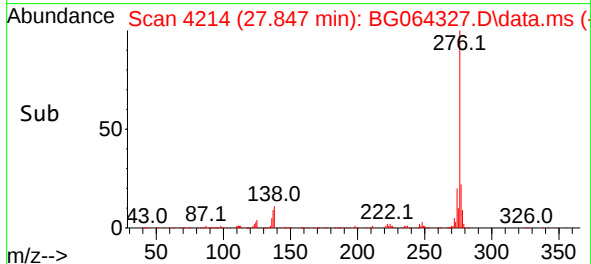
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:276 Resp: 708645
 Ion Ratio Lower Upper
 276 100
 138 6.0 7.4 11.0
 277 25.5 20.5 30.7

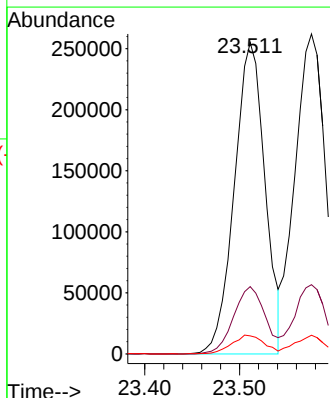
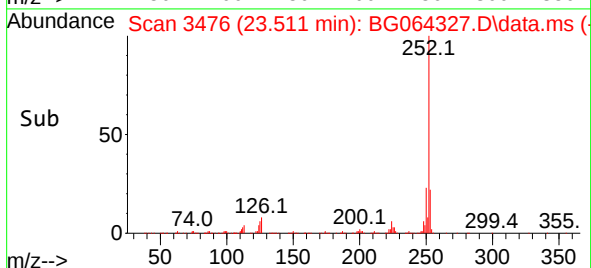
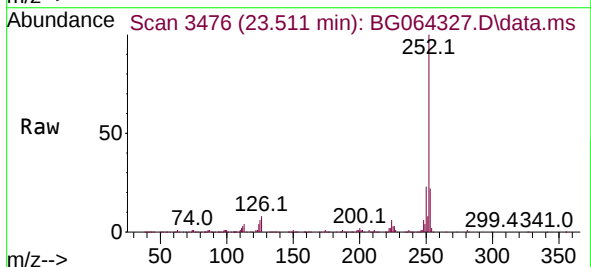
Manual Integrations
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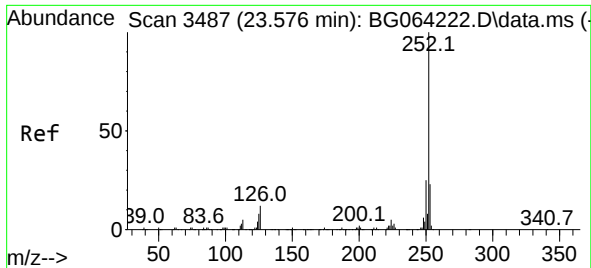
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#88
 Benzo(b)fluoranthene
 Concen: 50.649 ng
 RT: 23.511 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BG064327.D
 Acq: 9 Sep 2025 17:10

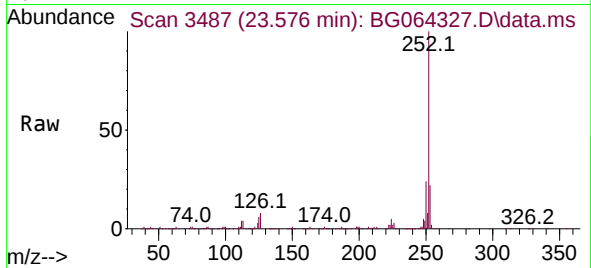
Tgt Ion:252 Resp: 573179
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 5.8 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 50.603 ng
RT: 23.576 min Scan# 3487
Delta R.T. -0.012 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

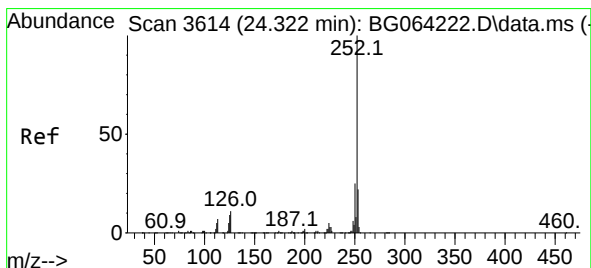
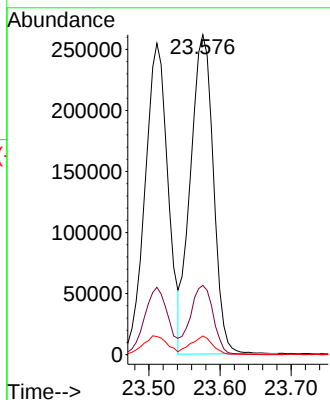
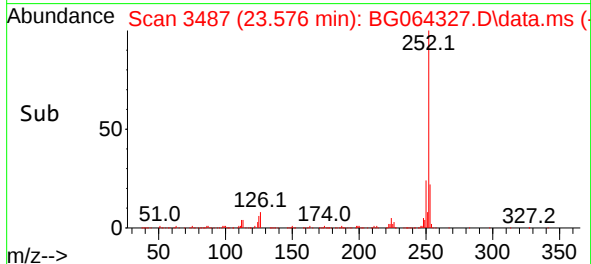
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 583406
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 5.8 7.0 10.4

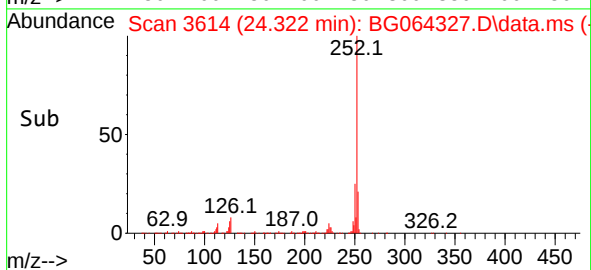
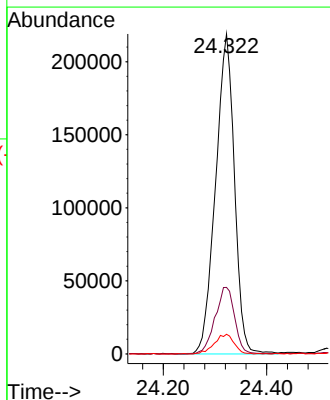
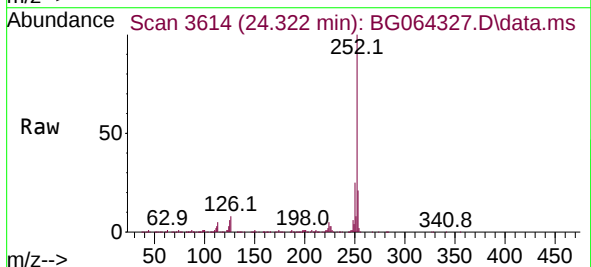
Manual Integrations
APPROVED

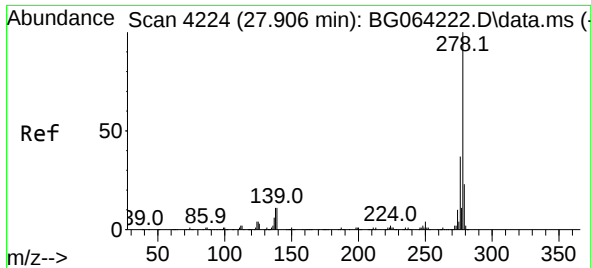
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#90
Benzo(a)pyrene
Concen: 52.819 ng
RT: 24.322 min Scan# 3614
Delta R.T. -0.006 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

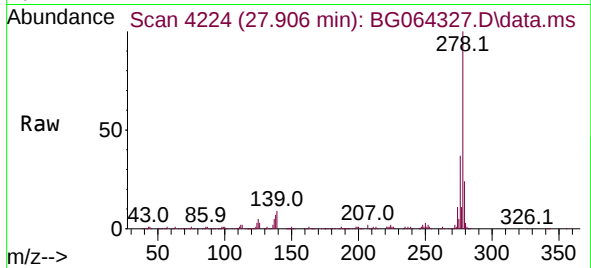
Tgt Ion:252 Resp: 556029
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 6.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 52.651 ng
RT: 27.906 min Scan# 4224
Delta R.T. -0.018 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

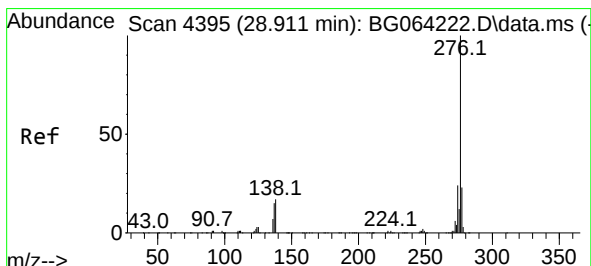
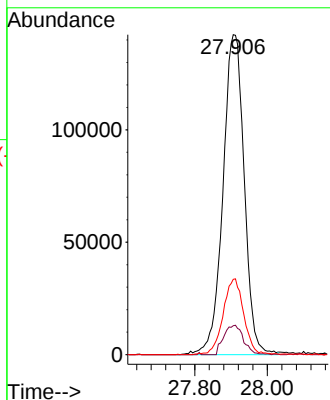
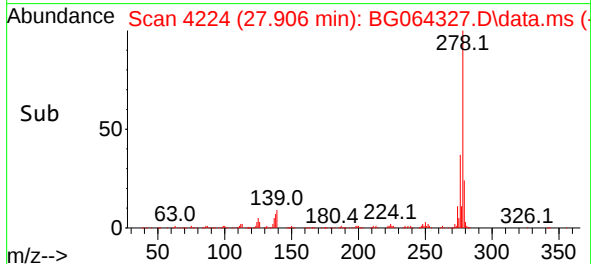
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:278 Resp: 578873
Ion Ratio Lower Upper
278 100
139 9.0 9.0 13.4
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 52.495 ng
RT: 28.911 min Scan# 4395
Delta R.T. -0.024 min
Lab File: BG064327.D
Acq: 9 Sep 2025 17:10

Tgt Ion:276 Resp: 561608
Ion Ratio Lower Upper
276 100
277 24.7 18.2 27.4
138 11.0 13.3 19.9#

