

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064090.D
 Acq On : 11 Mar 2025 11:05
 Operator : RC/JU
 Sample : PB167045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167045BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 12:04:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	35149	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	156631	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	105839	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231322	20.000	ng	0.00
76) Chrysene-d12	21.460	240	228659	20.000	ng	0.00
86) Perylene-d12	24.474	264	253354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	343852	152.751	ng	0.00
7) Phenol-d6	7.036	99	449577	146.810	ng	0.00
23) Nitrobenzene-d5	9.016	82	300235	105.928	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	189294	160.899	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	695845	99.794	ng	0.00
79) Terphenyl-d14	19.850	244	1188109	105.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	35736	35.029	ng	96
3) Pyridine	3.757	79	88569	35.698	ng	98
4) n-Nitrosodimethylamine	3.675	42	74290	41.909	ng	96
6) Aniline	7.189	93	115088	38.300	ng	96
8) 2-Chlorophenol	7.430	128	115882	47.931	ng	98
9) Benzaldehyde	7.001	77	37755	21.199	ng	98
10) Phenol	7.059	94	153793	49.052	ng	98
11) bis(2-Chloroethyl)ether	7.289	93	106887	43.484	ng	97
12) 1,3-Dichlorobenzene	7.753	146	115370	43.455	ng	98
13) 1,4-Dichlorobenzene	7.900	146	116080	42.657	ng	98
14) 1,2-Dichlorobenzene	8.217	146	114535	43.648	ng	97
15) Benzyl Alcohol	8.099	79	116004	49.021	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	248980	45.047	ng	99
17) 2-Methylphenol	8.305	107	101030	48.552	ng	96
18) Hexachloroethane	8.945	117	45111	47.381	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	92403	42.995	ng	94
20) 3+4-Methylphenols	8.628	107	140722	49.122	ng	94
22) Acetophenone	8.681	105	209067	48.683	ng	# 98
24) Nitrobenzene	9.057	77	141396	48.272	ng	96
25) Isophorone	9.580	82	256615	45.234	ng	# 94
26) 2-Nitrophenol	9.768	139	53311	51.700	ng	98
27) 2,4-Dimethylphenol	9.827	122	103318	60.751	ng	95
28) bis(2-Chloroethoxy)met...	10.062	93	149549	43.481	ng	97
29) 2,4-Dichlorophenol	10.297	162	108143	50.358	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	112348	43.337	ng	96
31) Naphthalene	10.702	128	365268	43.247	ng	99
32) Benzoic acid	9.979	122	81135m	51.237	ng	
33) 4-Chloroaniline	10.802	127	48277	15.639	ng	98
34) Hexachlorobutadiene	10.996	225	77613	45.676	ng	98
35) Caprolactam	11.572	113	42087m	51.142	ng	
36) 4-Chloro-3-methylphenol	11.930	107	136157	48.369	ng	97
37) 2-Methylnaphthalene	12.312	142	257561	43.197	ng	98
38) 1-Methylnaphthalene	12.529	142	257773	44.128	ng	97
40) 1,2,4,5-Tetrachloroben...	12.682	216	149759	49.562	ng	95
41) Hexachlorocyclopentadiene	12.665	237	186421	219.205	ng	96
43) 2,4,6-Trichlorophenol	12.917	196	94162	52.875	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064090.D
 Acq On : 11 Mar 2025 11:05
 Operator : RC/JU
 Sample : PB167045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167045BS

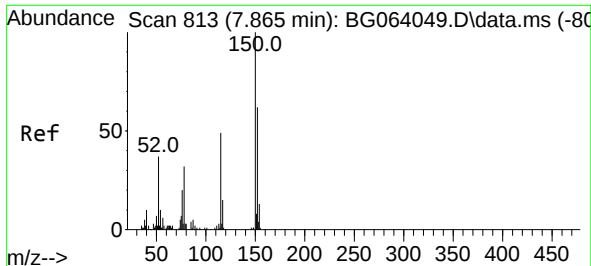
Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 12:04:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	102251	51.674	ng	97
46) 1,1'-Biphenyl	13.323	154	409959	51.269	ng	98
47) 2-Chloronaphthalene	13.364	162	268651	46.066	ng	98
48) 2-Nitroaniline	13.564	65	100072	51.017	ng	96
49) Acenaphthylene	14.210	152	442698	47.992	ng	98
50) Dimethylphthalate	13.951	163	351651	45.010	ng	98
51) 2,6-Dinitrotoluene	14.057	165	74871	47.290	ng	94
52) Acenaphthene	14.551	154	276415	44.651	ng	98
53) 3-Nitroaniline	14.386	138	37655	24.937	ng	99
54) 2,4-Dinitrophenol	14.592	184	81006	118.385	ng	# 81
55) Dibenzofuran	14.886	168	433372	43.213	ng	98
56) 4-Nitrophenol	14.697	139	144269	113.922	ng	94
57) 2,4-Dinitrotoluene	14.844	165	108349	49.425	ng	# 96
58) Fluorene	15.532	166	350177	44.832	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.109	232	98865m	51.250	ng	
60) Diethylphthalate	15.314	149	375167	44.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.532	204	169734	43.728	ng	94
62) 4-Nitroaniline	15.549	138	76080	46.668	ng	92
63) Azobenzene	15.826	77	380333	42.023	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	58600	56.827	ng	97
66) n-Nitrosodiphenylamine	15.743	169	313589	47.892	ng	100
67) 4-Bromophenyl-phenylether	16.425	248	114802	48.457	ng	96
68) Hexachlorobenzene	16.537	284	126378	47.647	ng	99
69) Atrazine	16.695	200	140023	72.680	ng	95
70) Pentachlorophenol	16.877	266	168556	102.351	ng	99
71) Phenanthrene	17.271	178	577796	46.830	ng	99
72) Anthracene	17.359	178	599866	48.894	ng	97
73) Carbazole	17.629	167	539753	47.121	ng	99
74) Di-n-butylphthalate	18.199	149	642600	47.659	ng	100
75) Fluoranthene	19.280	202	665372	44.732	ng	96
77) Benzidine	19.462	184	206839	65.326	ng	99
78) Pyrene	19.639	202	695469	47.183	ng	99
80) Butylbenzylphthalate	20.544	149	279381	50.321	ng	97
81) Benzo(a)anthracene	21.443	228	703612	48.037	ng	97
82) 3,3'-Dichlorobenzidine	21.360	252	146364	30.876	ng	98
83) Chrysene	21.501	228	683180	46.765	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	430154	54.302	ng	99
85) Di-n-octyl phthalate	22.524	149	733449	53.680	ng	100
87) Indeno(1,2,3-cd)pyrene	27.876	276	827376	48.809	ng	# 95
88) Benzo(b)fluoranthene	23.522	252	697874	45.565	ng	97
89) Benzo(k)fluoranthene	23.587	252	689759	44.891	ng	98
90) Benzo(a)pyrene	24.333	252	664876	48.743	ng	98
91) Dibenzo(a,h)anthracene	27.935	278	676519	48.140	ng	99
92) Benzo(g,h,i)perylene	28.940	276	638862	44.277	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

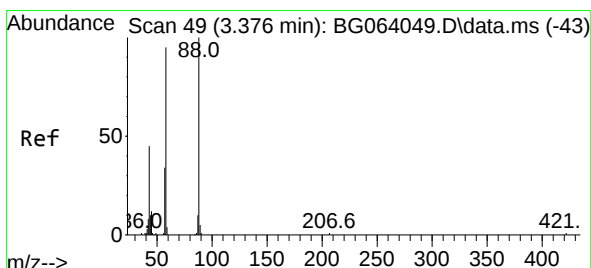
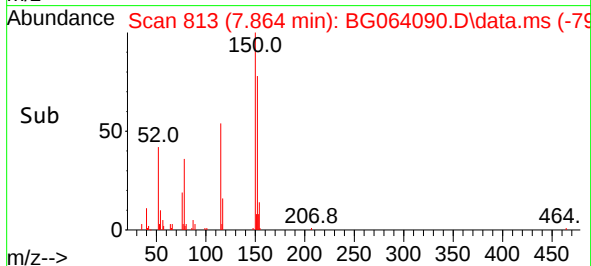
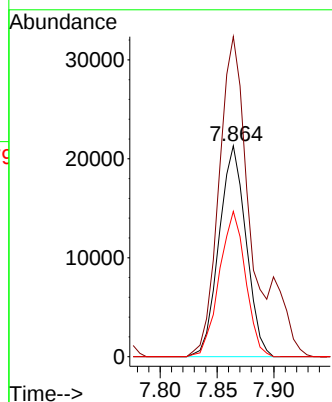
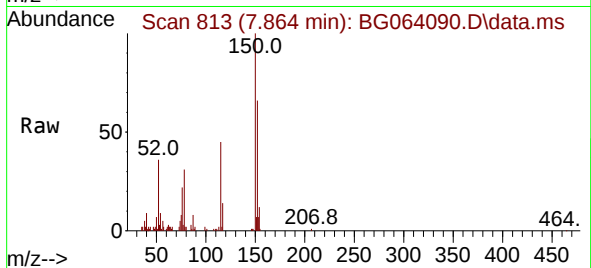
PB167045BS

Tgt Ion:152 Resp: 35149
Ion Ratio Lower Upper
152 100
150 151.8 129.2 193.8
115 68.9 63.0 94.6

Manual Integrations

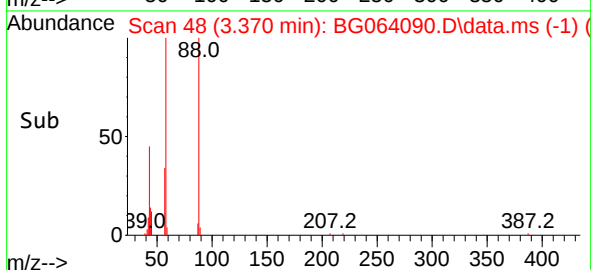
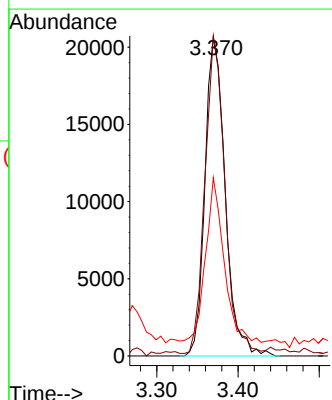
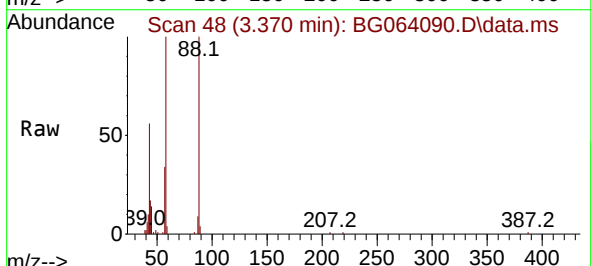
APPROVED

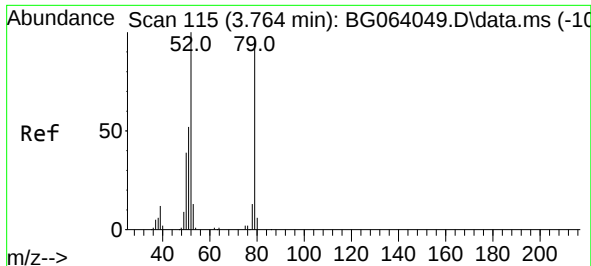
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#2
1,4-Dioxane
Concen: 35.029 ng
RT: 3.370 min Scan# 48
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

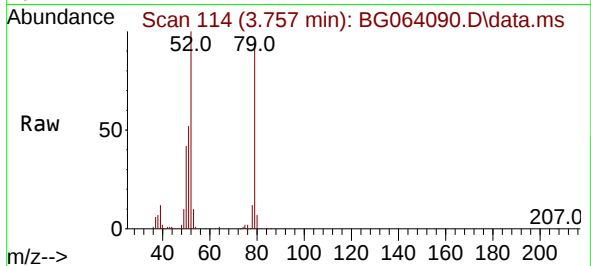
Tgt Ion: 88 Resp: 35736
Ion Ratio Lower Upper
88 100
58 97.0 74.6 111.8
43 46.2 35.5 53.3





#3
Pyridine
Concen: 35.698 ng
RT: 3.757 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

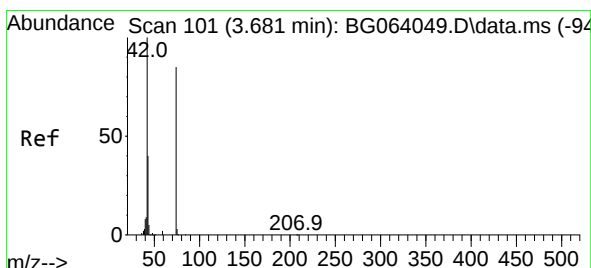
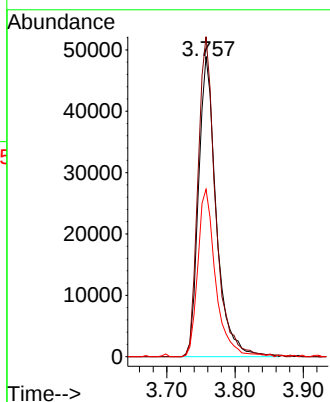
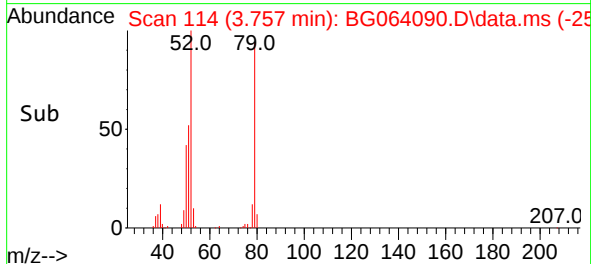
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion: 79 Resp: 88569
Ion Ratio Lower Upper
79 100
52 106.5 83.0 124.6
51 55.7 44.3 66.5

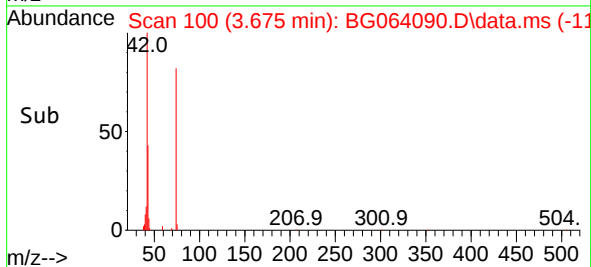
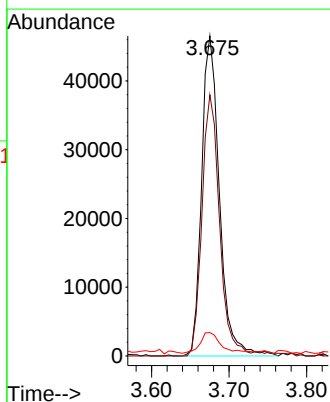
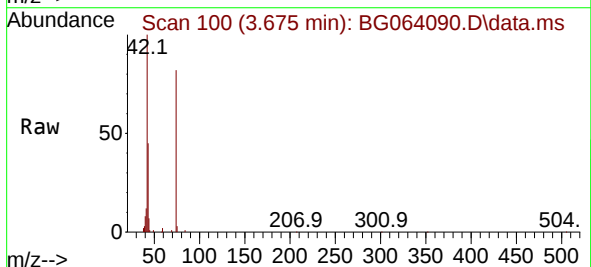
Manual Integrations
APPROVED

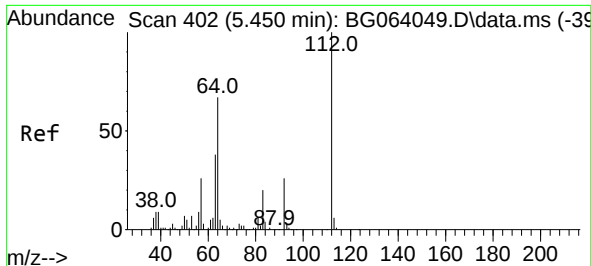
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#4
n-Nitrosodimethylamine
Concen: 41.909 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion: 42 Resp: 74290
Ion Ratio Lower Upper
42 100
74 81.6 68.0 102.0
44 7.3 4.9 7.3





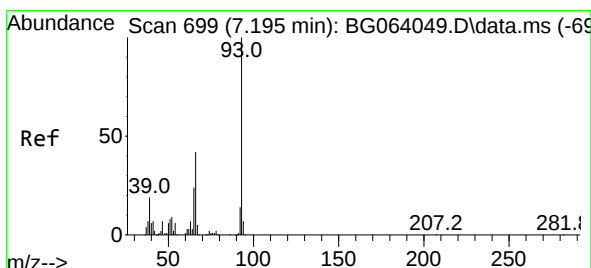
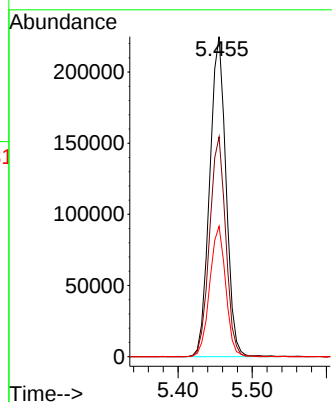
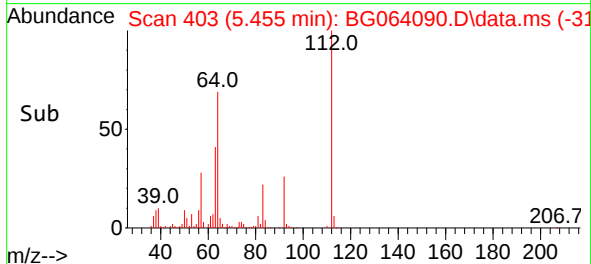
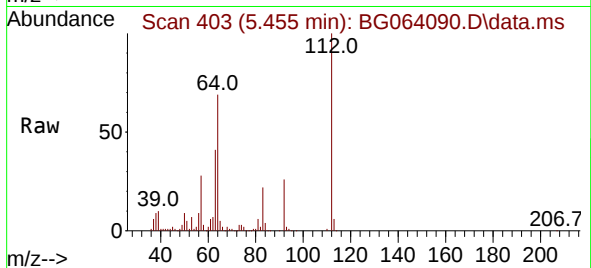
#5
2-Fluorophenol
Concen: 152.751 ng
RT: 5.455 min Scan# 402
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :
BNA_G
ClientSampleId :
PB167045BS

Tgt Ion:112 Resp: 343852
Ion Ratio Lower Upper
112 100
64 68.7 53.7 80.5
63 40.7 30.2 45.4

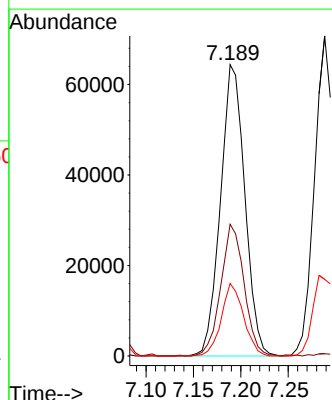
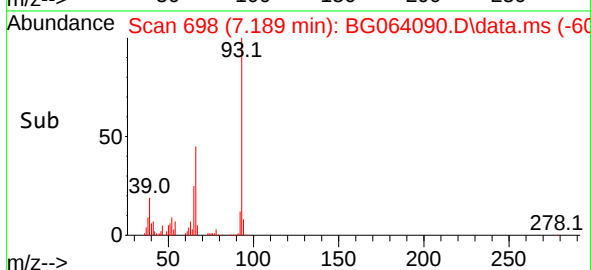
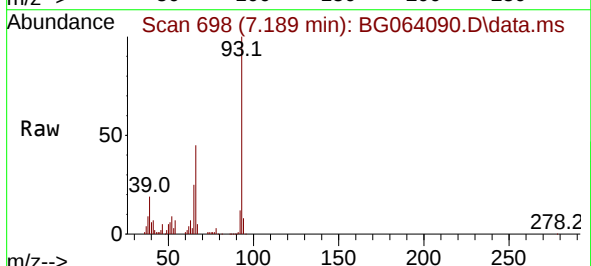
Manual Integrations
APPROVED

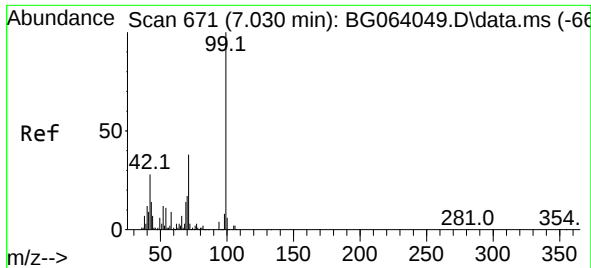
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#6
Aniline
Concen: 38.300 ng
RT: 7.189 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

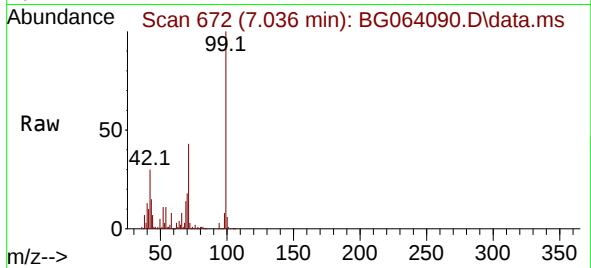
Tgt Ion: 93 Resp: 115088
Ion Ratio Lower Upper
93 100
66 45.2 33.7 50.5
65 24.9 19.1 28.7





#7
Phenol-d6
Concen: 146.810 ng
RT: 7.036 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

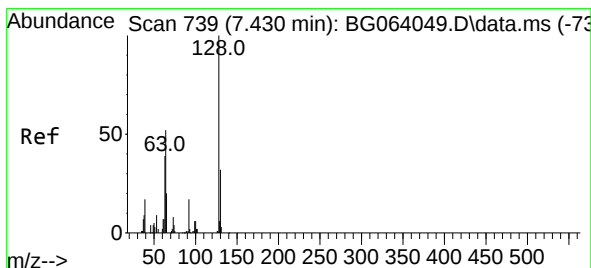
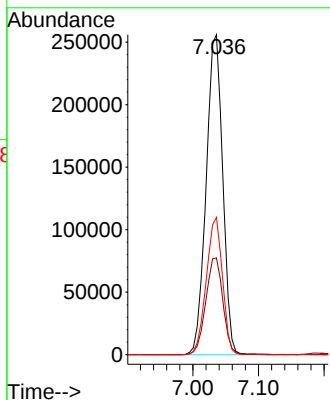
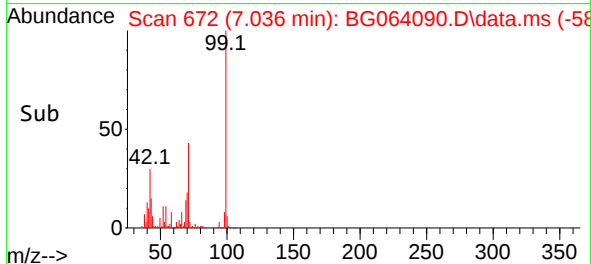
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion: 99 Resp: 44957
Ion Ratio Lower Upper
99 100
42 30.3 22.7 34.1
71 42.9 30.6 46.0

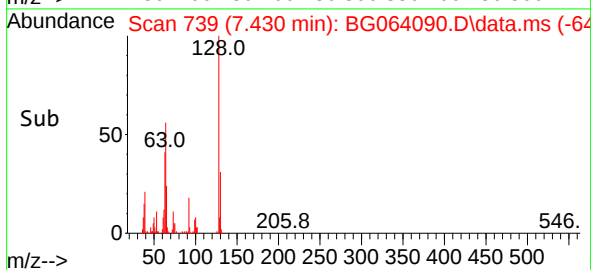
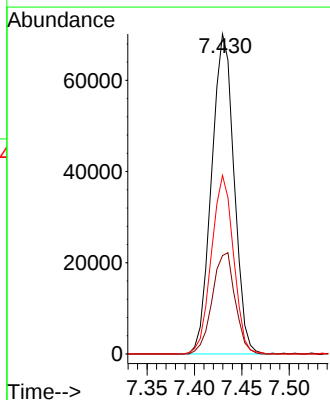
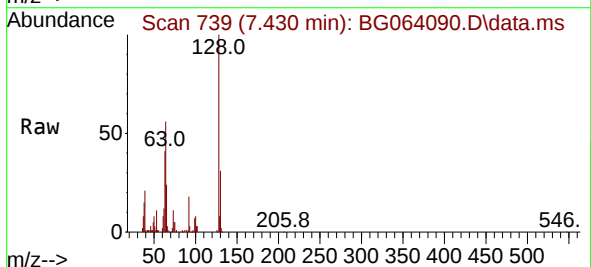
Manual Integrations
APPROVED

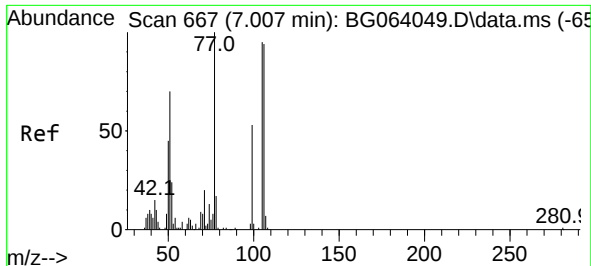
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#8
2-Chlorophenol
Concen: 47.931 ng
RT: 7.430 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:128 Resp: 115882
Ion Ratio Lower Upper
128 100
130 30.7 12.3 52.3
64 55.8 37.0 77.0





#9
Benzaldehyde
Concen: 21.199 ng
RT: 7.001 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

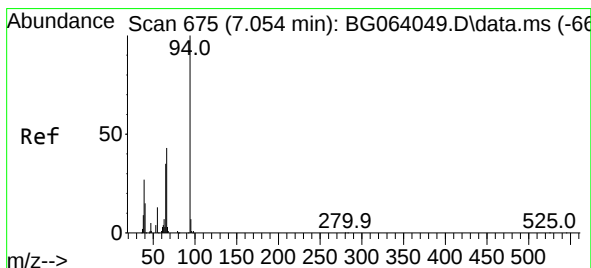
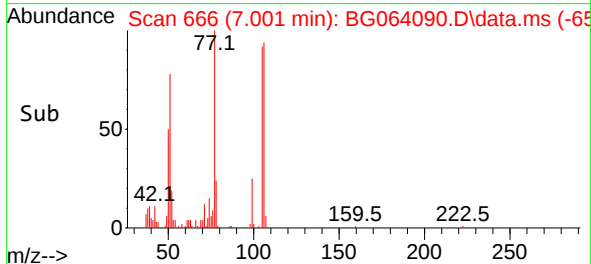
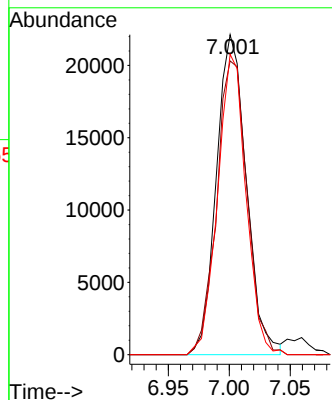
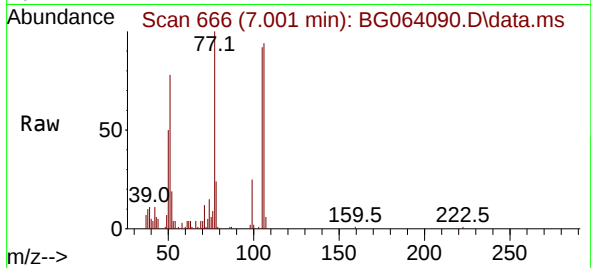
ClientSampleId :

PB167045BS

Tgt Ion: 77 Resp: 3775
Ion Ratio Lower Upper
77 100
105 91.8 75.5 115.5
106 93.9 74.2 114.2

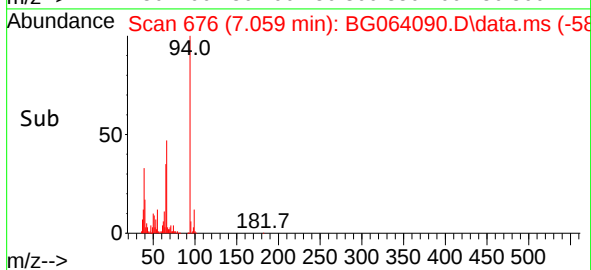
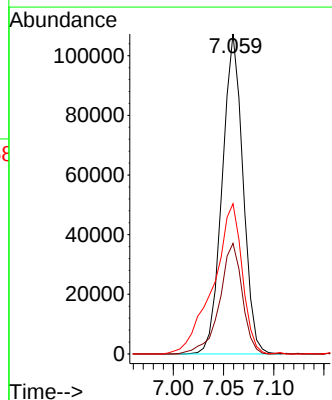
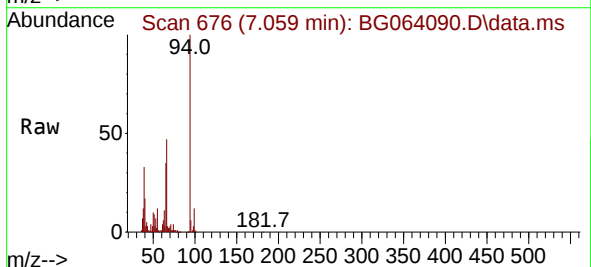
Manual Integrations
APPROVED

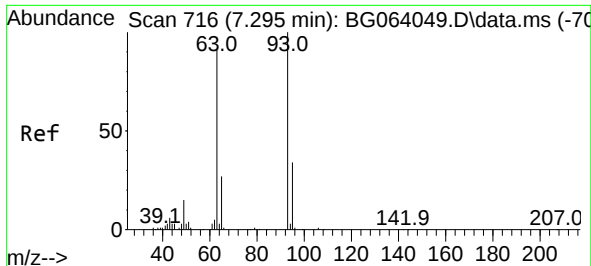
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#10
Phenol
Concen: 49.052 ng
RT: 7.059 min Scan# 676
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion: 94 Resp: 153793
Ion Ratio Lower Upper
94 100
65 34.6 15.2 55.2
66 46.9 25.1 65.1





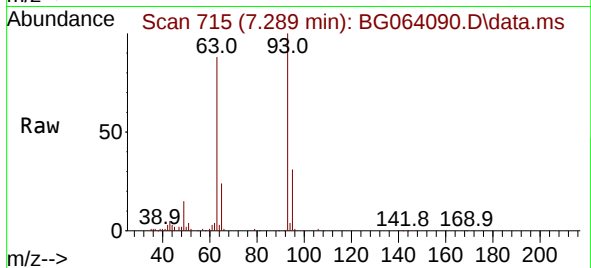
#11
bis(2-Chloroethyl)ether
Concen: 43.484 ng
RT: 7.289 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

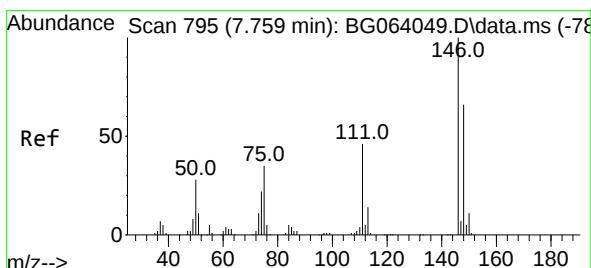
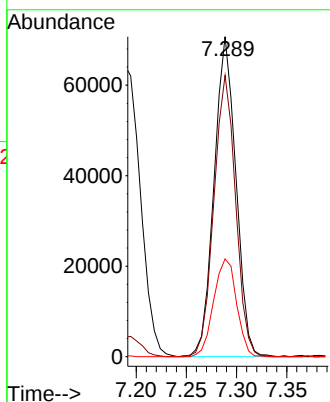
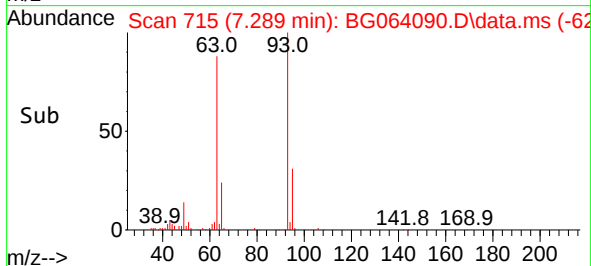
PB167045BS



Tgt Ion: 93 Resp: 10688
Ion Ratio Lower Upper
93 100
63 87.9 70.0 110.0
95 30.5 13.7 53.7

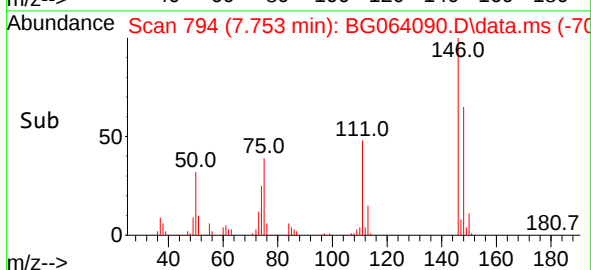
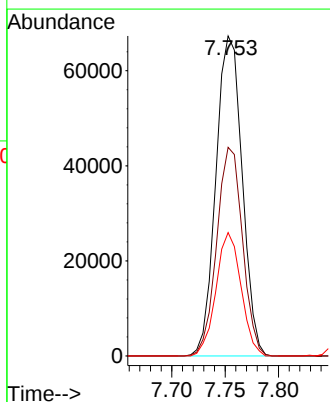
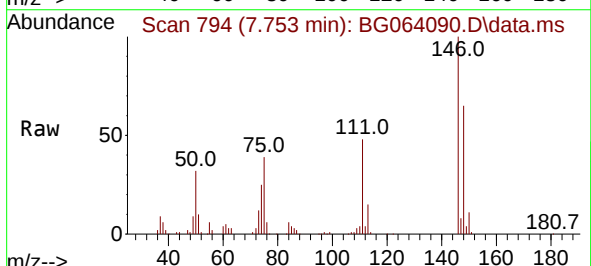
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#12
1,3-Dichlorobenzene
Concen: 43.455 ng
RT: 7.753 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:146 Resp: 115370
Ion Ratio Lower Upper
146 100
148 65.2 52.6 78.8
75 38.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 42.657 ng

RT: 7.900 min Scan# 819

Delta R.T. -0.000 min

Lab File: BG064090.D

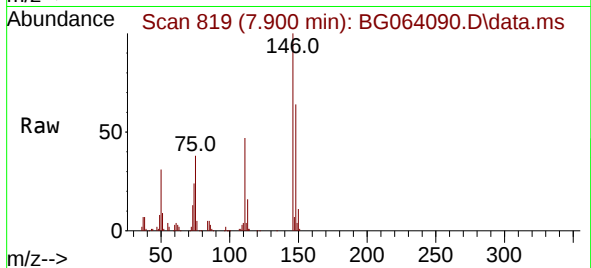
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS



Tgt Ion:146 Resp: 116080

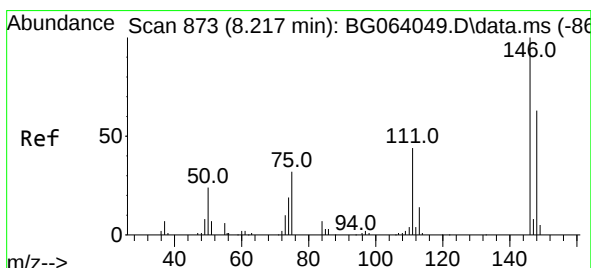
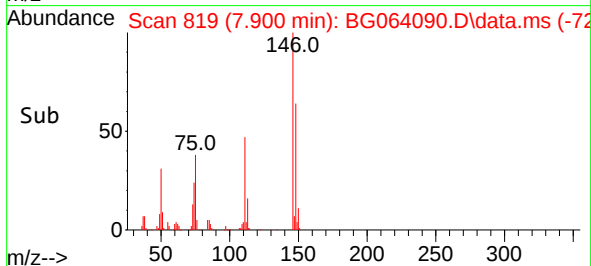
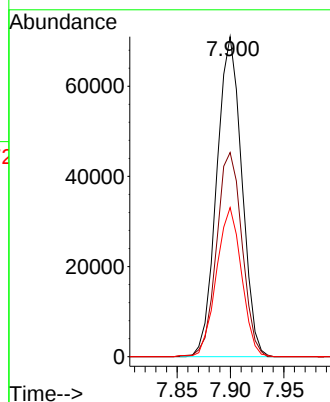
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	46.6	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#14

1,2-Dichlorobenzene

Concen: 43.648 ng

RT: 8.217 min Scan# 873

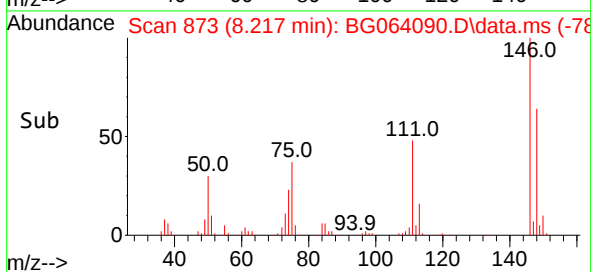
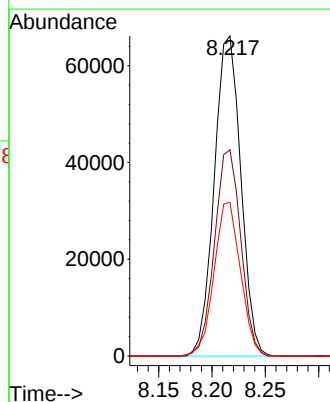
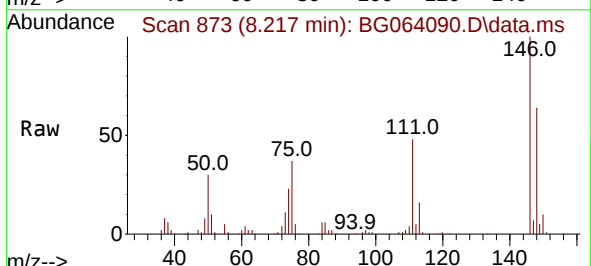
Delta R.T. -0.000 min

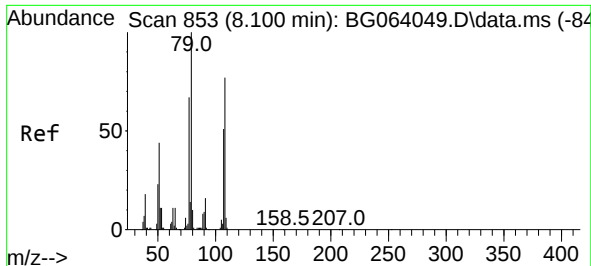
Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Tgt Ion:146 Resp: 114535

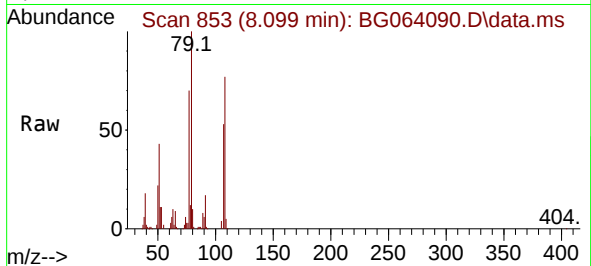
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.2
111	48.0	36.4	54.6





#15
Benzyl Alcohol
Concen: 49.021 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

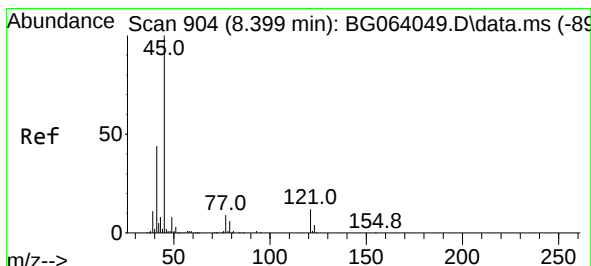
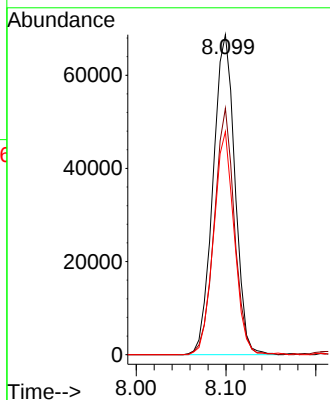
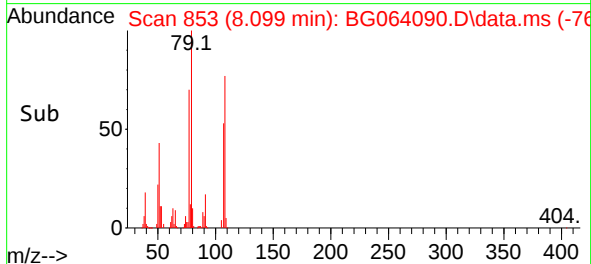
Instrument :
BNA_G
ClientSampleId :
PB167045BS



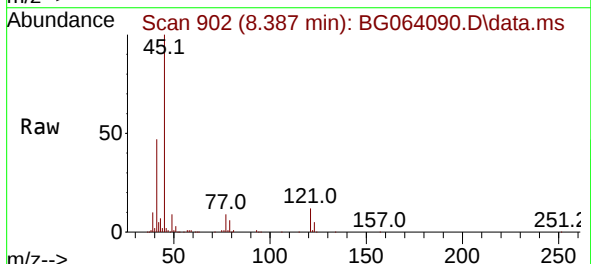
Tgt Ion: 79 Resp: 116004
Ion Ratio Lower Upper
79 100
108 77.0 61.7 92.5
77 69.7 53.9 80.9

Manual Integrations
APPROVED

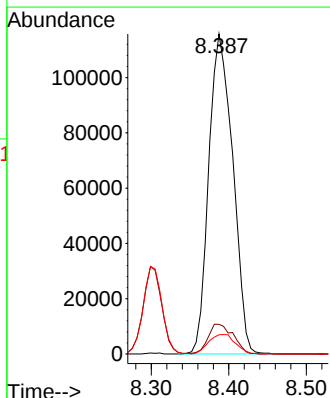
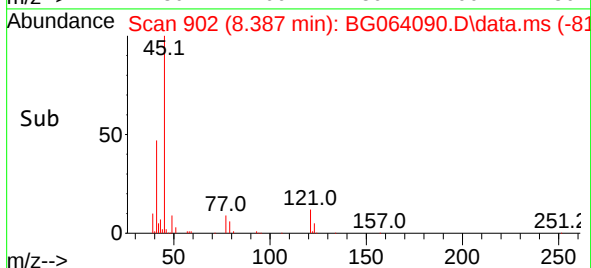
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.047 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion: 45 Resp: 248980
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.0
79 6.0 0.0 26.6





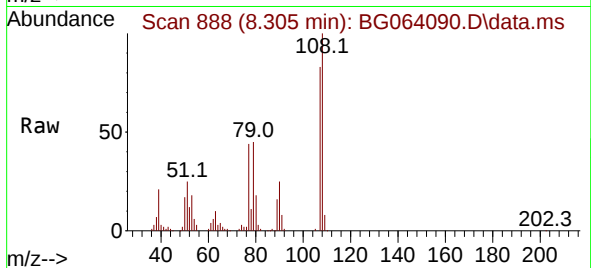
#17
2-Methylphenol
Concen: 48.552 ng
RT: 8.305 min Scan# 887
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

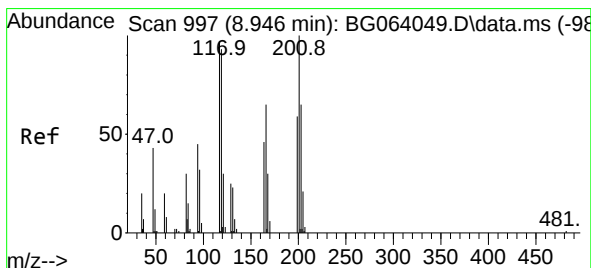
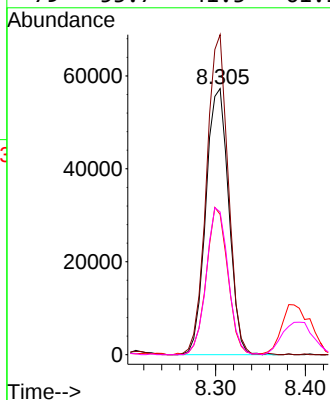
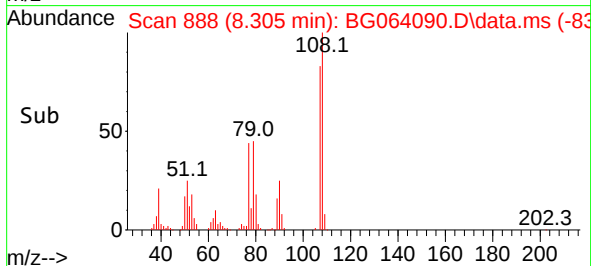


Tgt Ion:	107	Resp:	101030
Ion Ratio	Lower	Upper	
107	100		
108	120.3	92.5	138.7
77	52.8	40.5	60.7
79	53.7	41.3	61.9

Manual Integrations

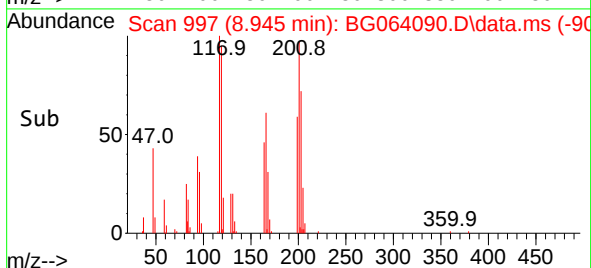
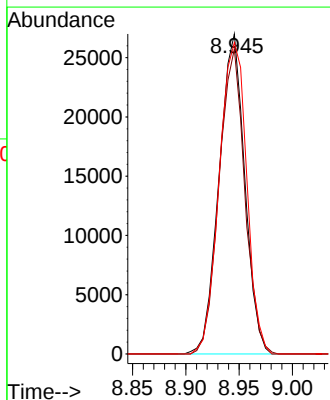
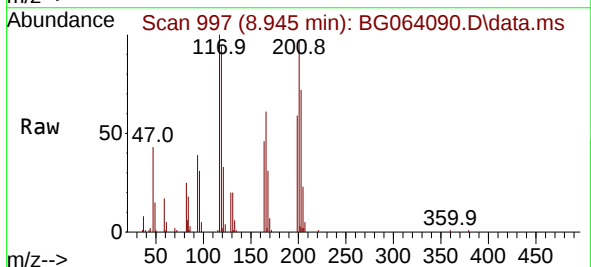
APPROVED

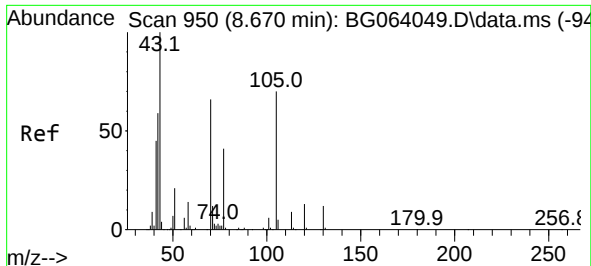
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#18
Hexachloroethane
Concen: 47.381 ng
RT: 8.945 min Scan# 997
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:	117	Resp:	45111
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.2	114.2
201	99.9	81.5	122.3





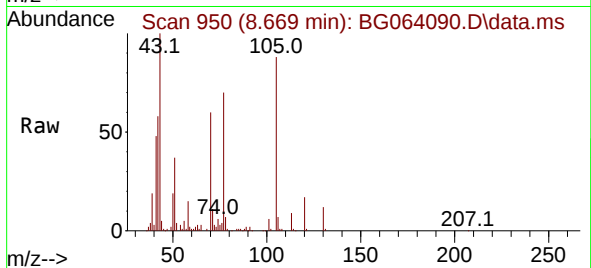
#19
n-Nitroso-di-n-propylamine
Concen: 42.995 ng
RT: 8.669 min Scan# 910
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

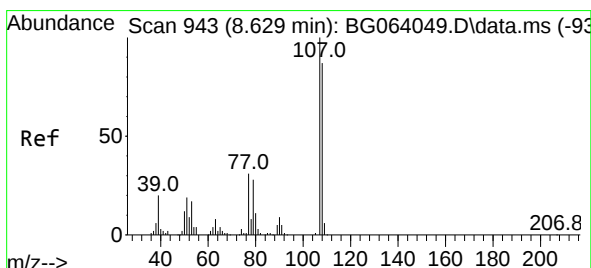
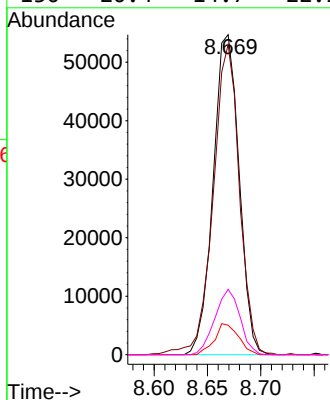
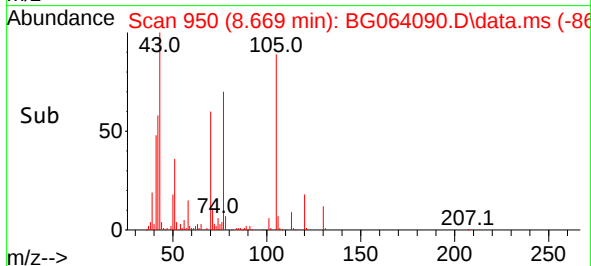


Tgt Ion: 70 Resp: 9240
Ion Ratio Lower Upper
70 100
42 96.9 72.1 108.1
101 9.2 7.2 10.8
130 20.4 14.7 22.1

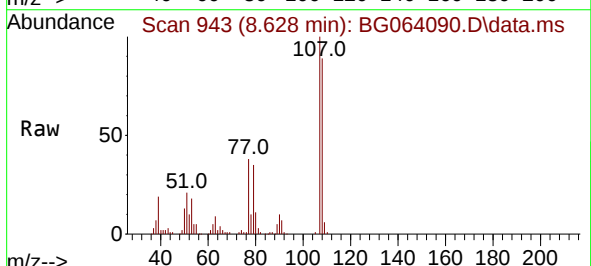
Manual Integrations

APPROVED

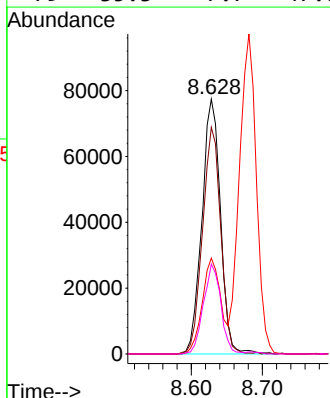
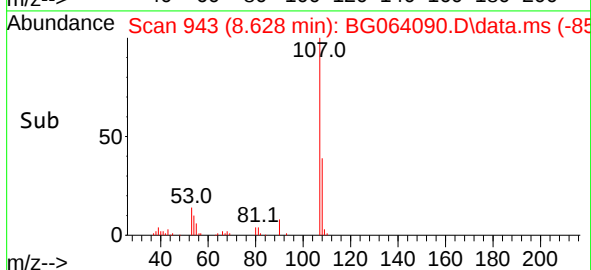
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

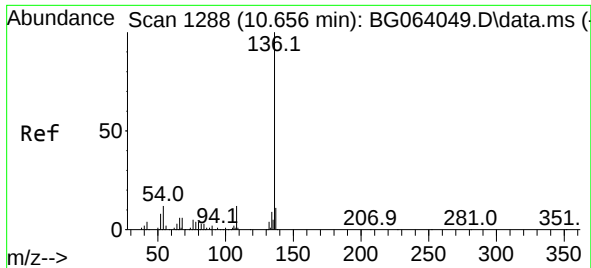


#20
3+4-Methylphenols
Concen: 49.122 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



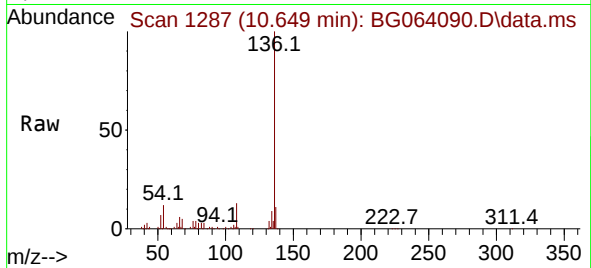
Tgt Ion:107 Resp: 140722
Ion Ratio Lower Upper
107 100
108 88.9 67.0 107.0
77 37.6 11.2 51.2
79 35.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

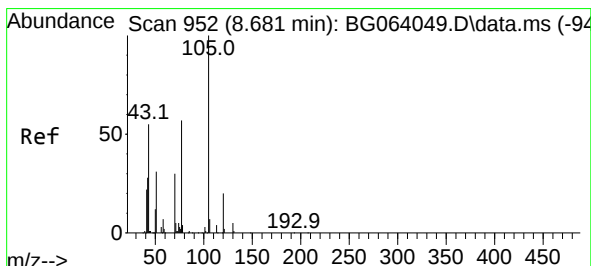
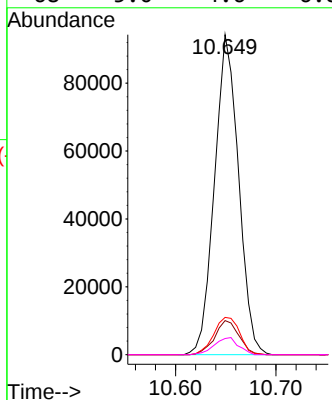
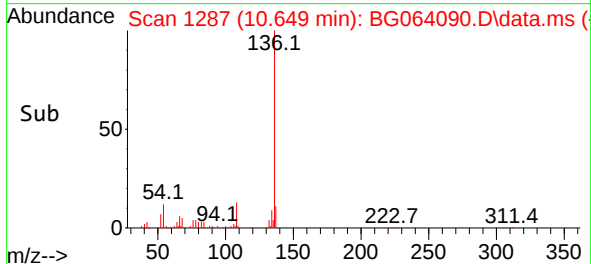
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:136 Resp: 15663
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.6 9.9 14.9
68 5.0 4.6 6.8

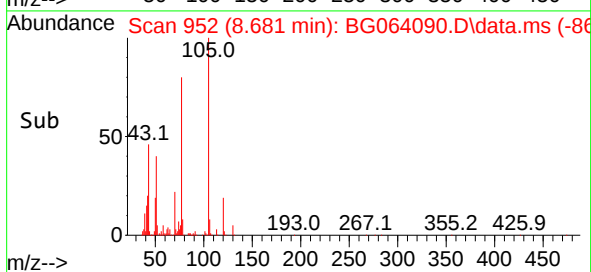
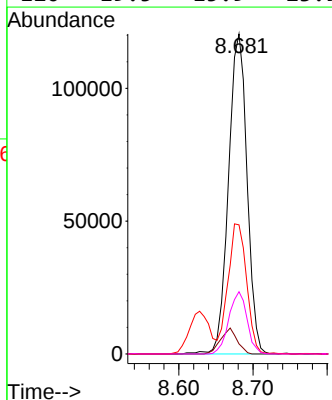
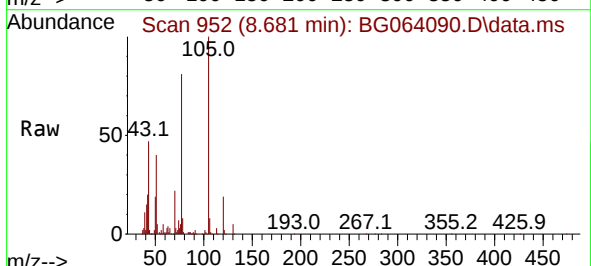
Manual Integrations
APPROVED

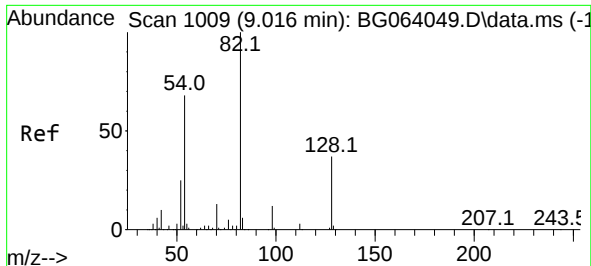
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#22
Acetophenone
Concen: 48.683 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:105 Resp: 209067
Ion Ratio Lower Upper
105 100
71 3.1 4.2 6.4#
51 40.4 33.3 49.9
120 19.5 15.9 23.9





#23
Nitrobenzene-d5
Concen: 105.928 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

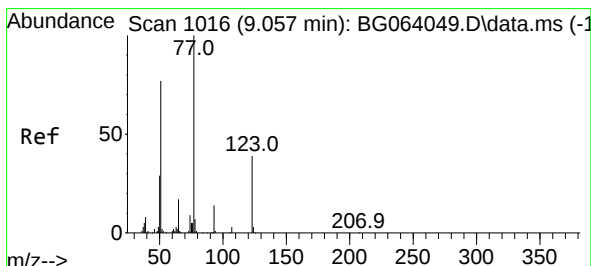
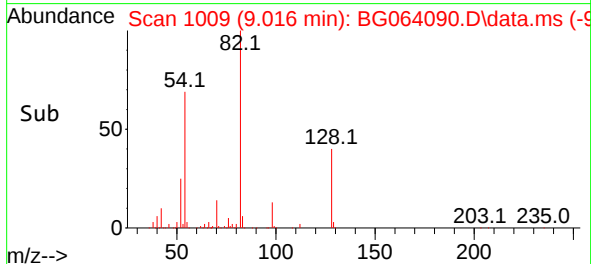
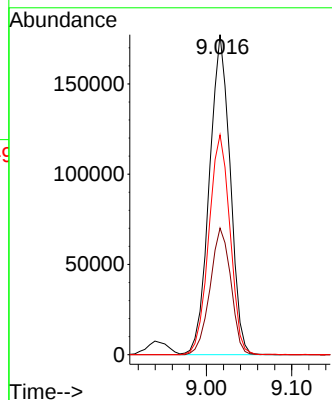
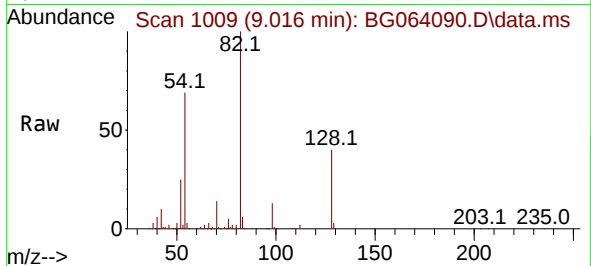
PB167045BS

Tgt Ion: 82 Resp: 300235
Ion Ratio Lower Upper
82 100
128 39.6 30.0 45.0
54 68.7 54.7 82.1

Manual Integrations

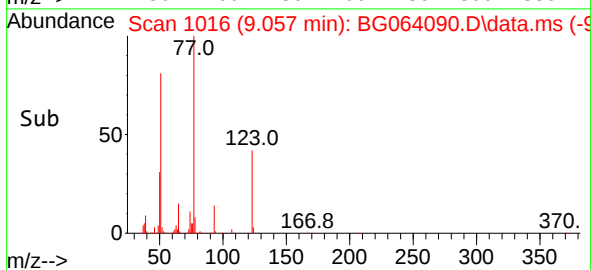
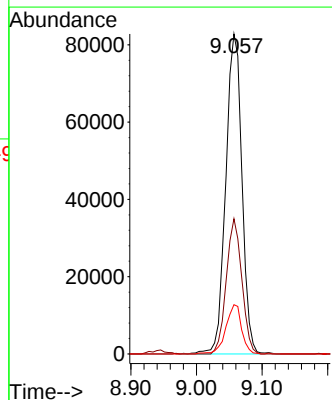
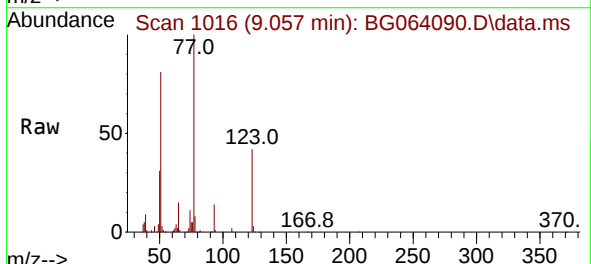
APPROVED

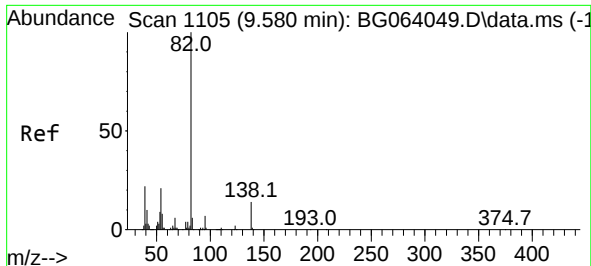
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#24
Nitrobenzene
Concen: 48.272 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

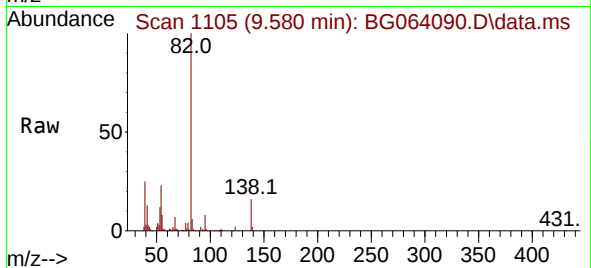
Tgt Ion: 77 Resp: 141396
Ion Ratio Lower Upper
77 100
123 42.3 31.4 47.2
65 15.4 13.4 20.0





#25
Isophorone
Concen: 45.234 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

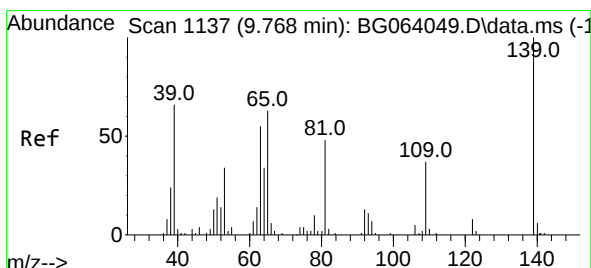
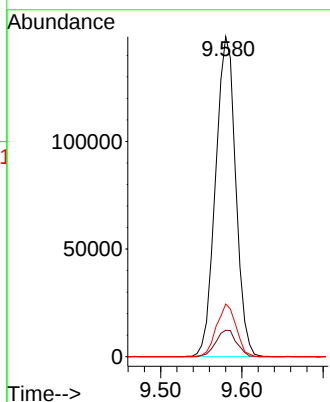
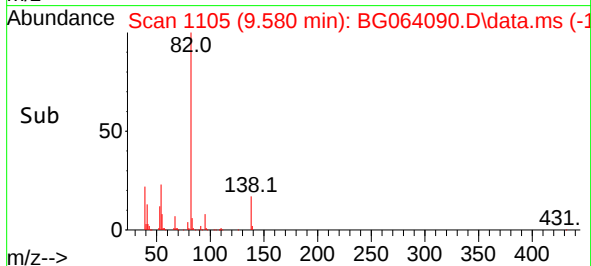
Instrument :
BNA_G
ClientSampleId :
PB167045BS



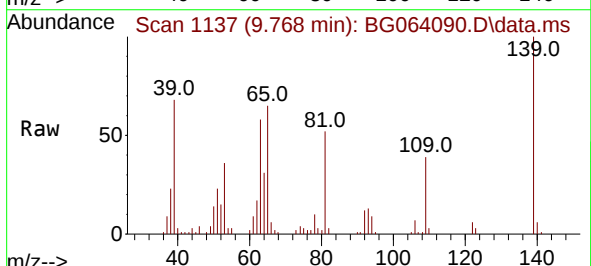
Tgt Ion: 82 Resp: 256611
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 16.4 10.9 16.3

Manual Integrations
APPROVED

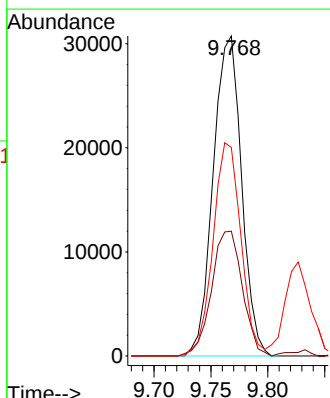
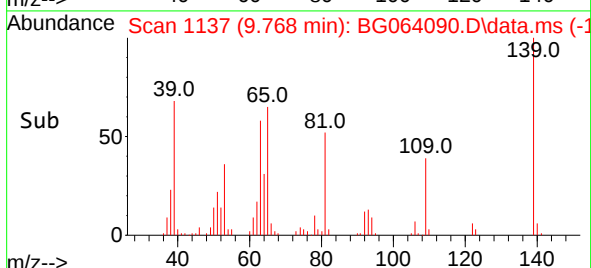
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

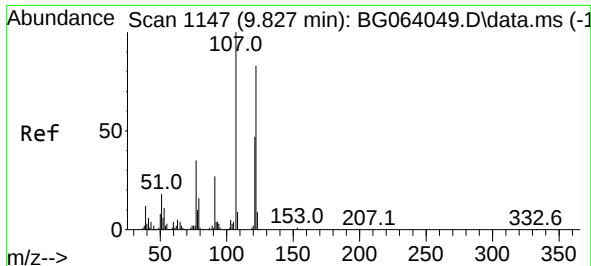


#26
2-Nitrophenol
Concen: 51.700 ng
RT: 9.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:139 Resp: 53311
Ion Ratio Lower Upper
139 100
109 39.0 29.9 44.9
65 65.1 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 60.751 ng

RT: 9.827 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

Tgt Ion:122 Resp: 103318

Ion Ratio Lower Upper

122 100

107 123.0 95.4 143.0

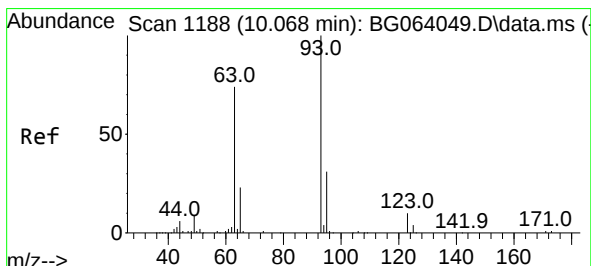
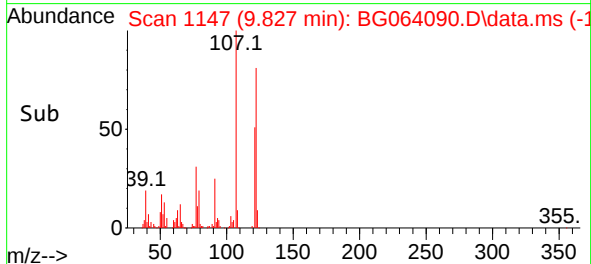
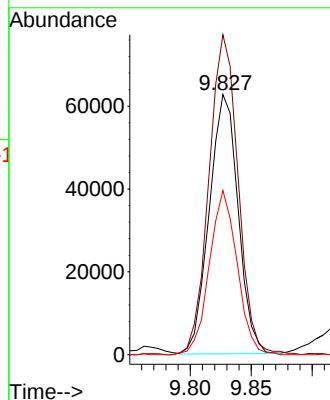
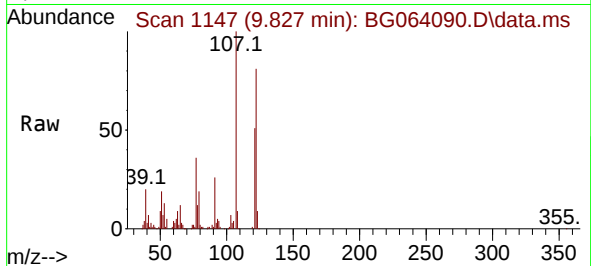
121 63.1 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.481 ng

RT: 10.062 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

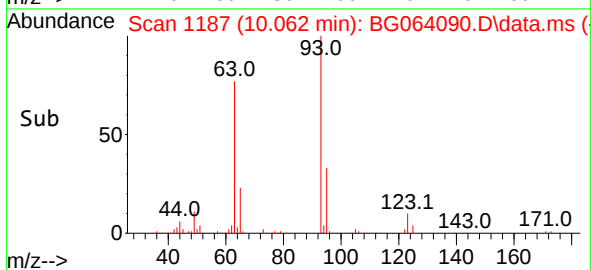
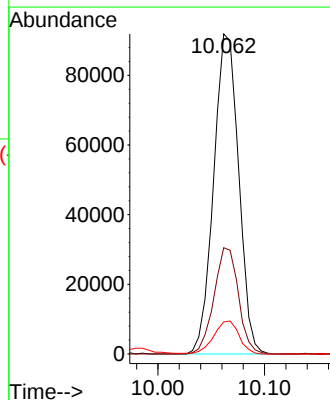
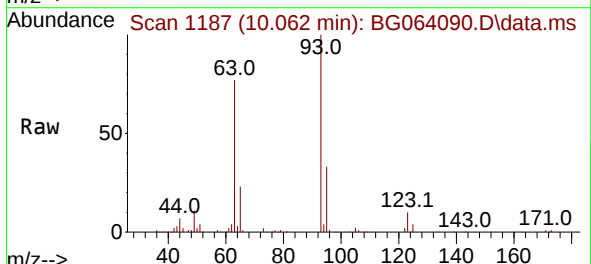
Tgt Ion: 93 Resp: 149549

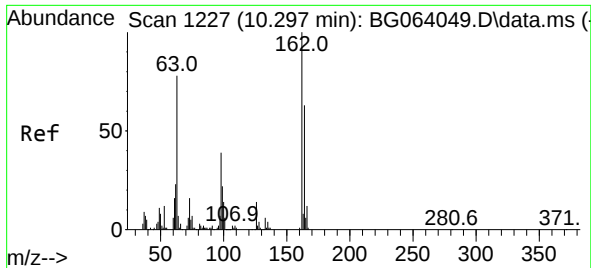
Ion Ratio Lower Upper

93 100

95 33.2 25.0 37.4

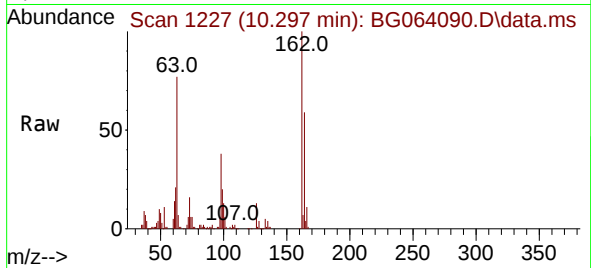
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 50.358 ng
RT: 10.297 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

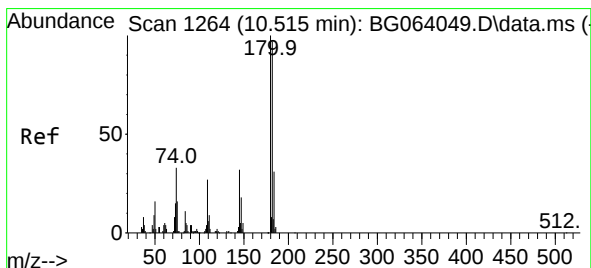
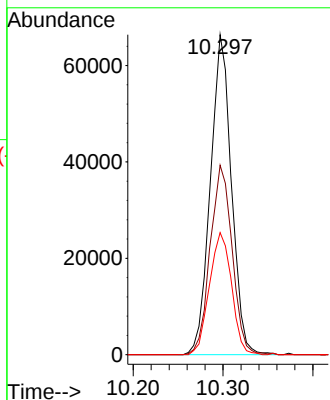
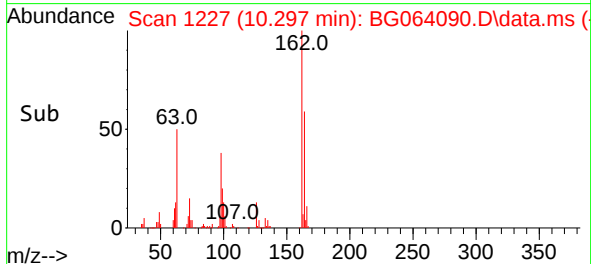
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:162 Resp: 10814
Ion Ratio Lower Upper
162 100
164 59.2 42.8 82.8
98 38.2 19.1 59.1

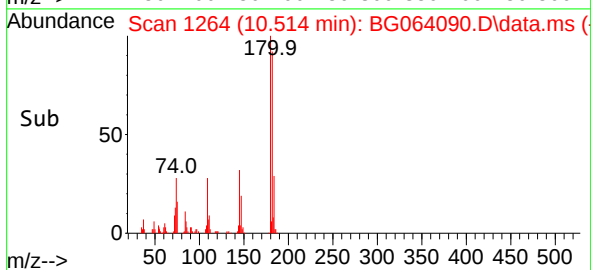
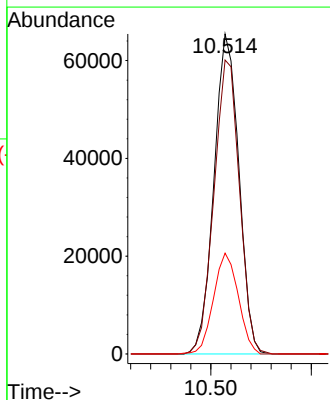
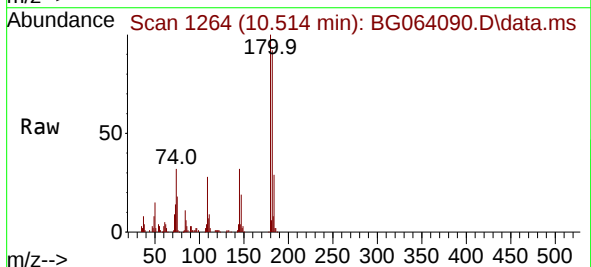
Manual Integrations
APPROVED

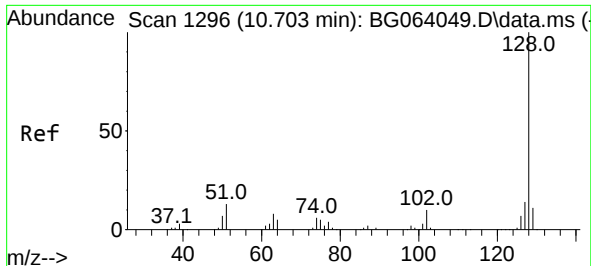
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.337 ng
RT: 10.514 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

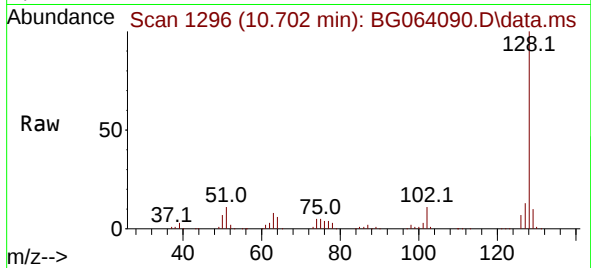
Tgt Ion:180 Resp: 112348
Ion Ratio Lower Upper
180 100
182 91.9 77.3 115.9
145 31.5 25.2 37.8





#31
Naphthalene
Concen: 43.247 ng
RT: 10.702 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

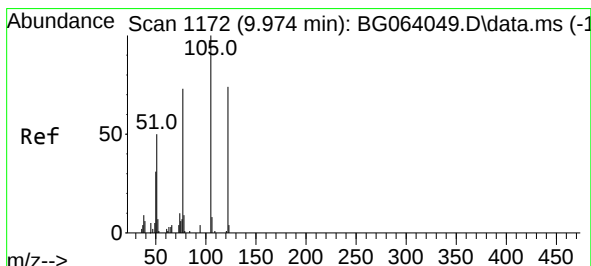
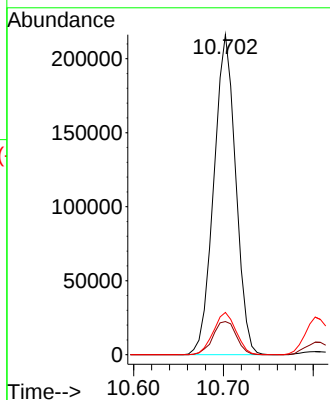
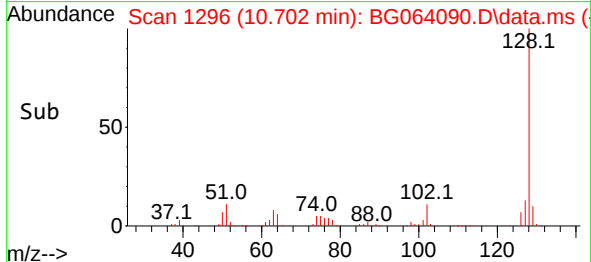
Instrument :
BNA_G
ClientSampleId :
PB167045BS



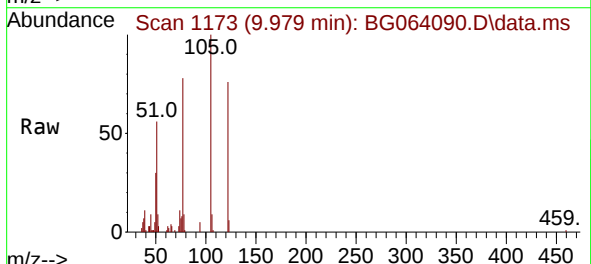
Tgt Ion:128 Resp: 365268
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 13.2 11.1 16.7

Manual Integrations
APPROVED

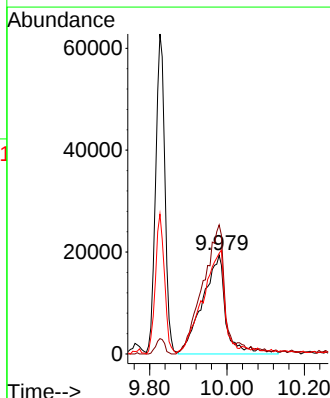
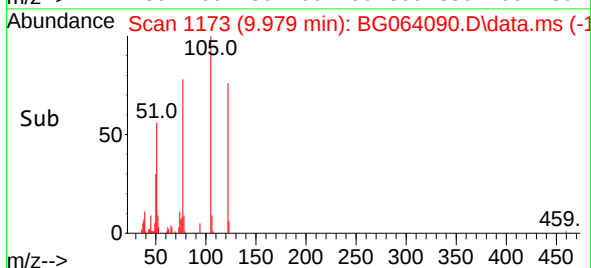
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

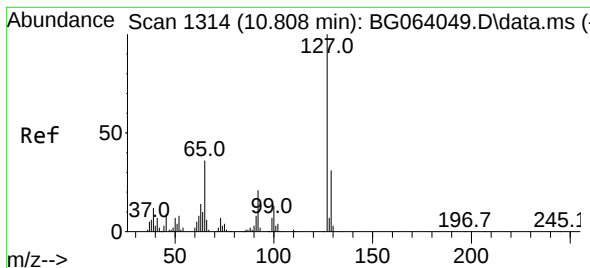


#32
Benzoic acid
Concen: 51.237 ng m
RT: 9.979 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:122 Resp: 81135
Ion Ratio Lower Upper
122 100
105 130.8 115.0 155.0
77 101.9 80.9 120.9





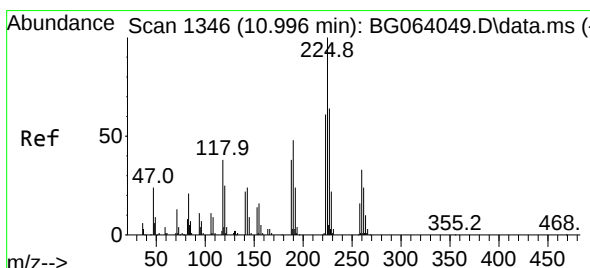
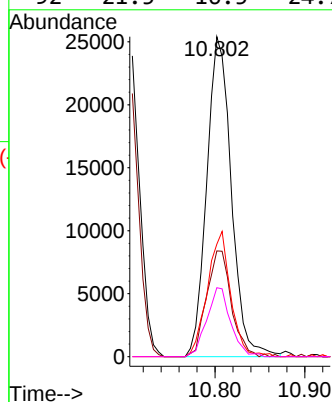
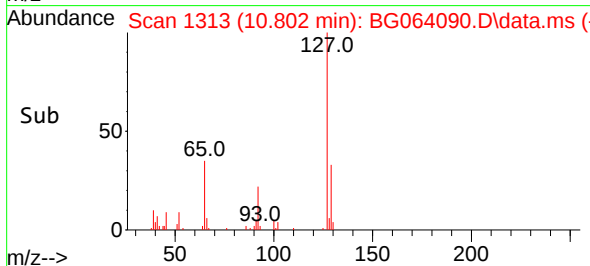
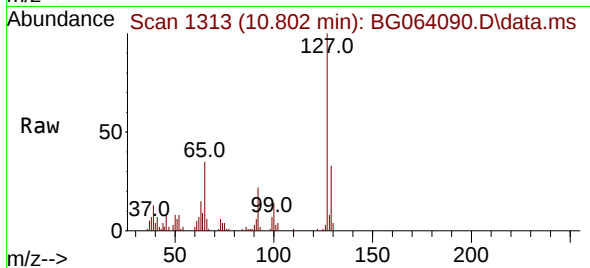
#33
4-Chloroaniline
Concen: 15.639 ng
RT: 10.802 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :
BNA_G
ClientSampleId :
PB167045BS

Tgt Ion:	127	Resp:	4827
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.0	37.4
65	35.1	28.5	42.7
92	21.5	16.5	24.7

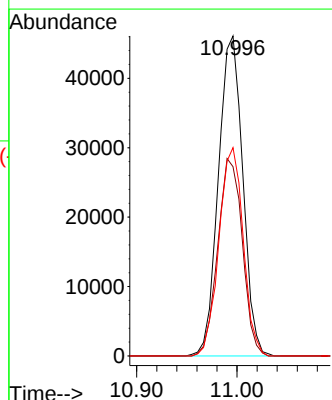
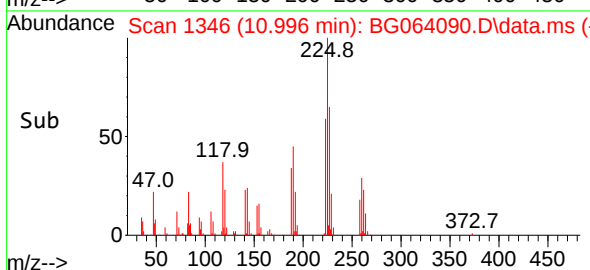
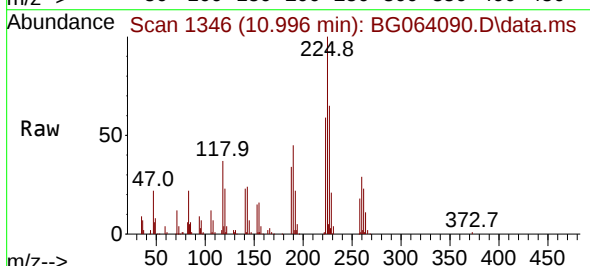
Manual Integrations
APPROVED

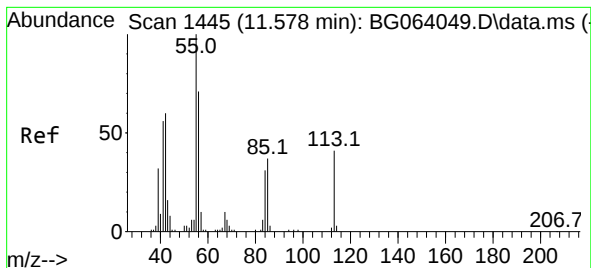
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#34
Hexachlorobutadiene
Concen: 45.676 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

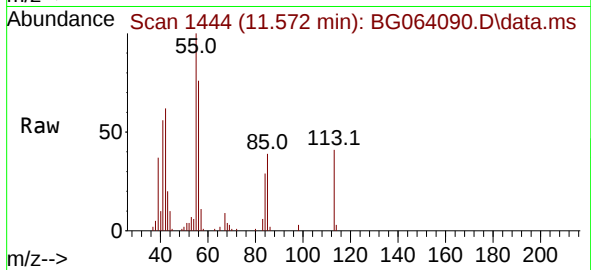
Tgt Ion:	225	Resp:	77613
Ion Ratio	Lower	Upper	
225	100		
223	59.2	48.5	72.7
227	65.1	51.0	76.6





#35
Caprolactam
Concen: 51.142 ng m
RT: 11.572 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

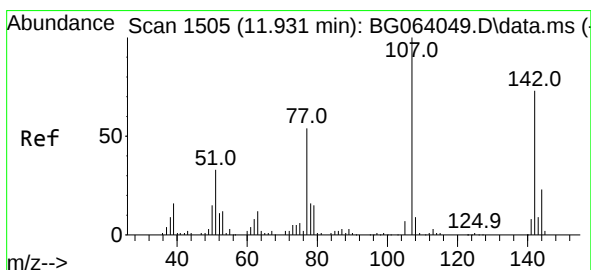
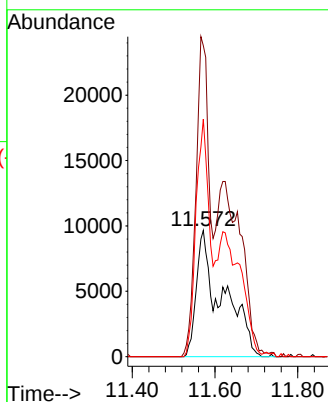
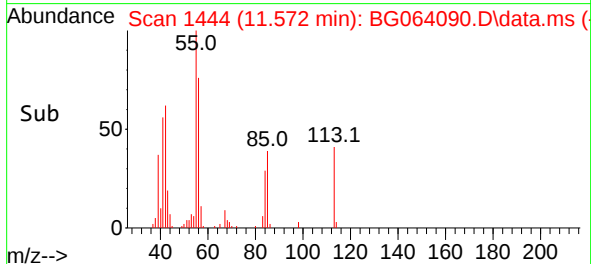
Instrument :
BNA_G
ClientSampleId :
PB167045BS



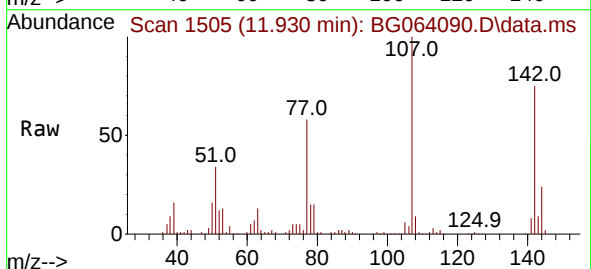
Tgt Ion:113 Resp: 4208
Ion Ratio Lower Upper
113 100
55 246.5 225.2 265.2
56 188.4 153.4 193.4

Manual Integrations
APPROVED

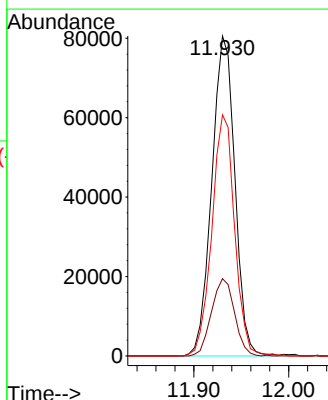
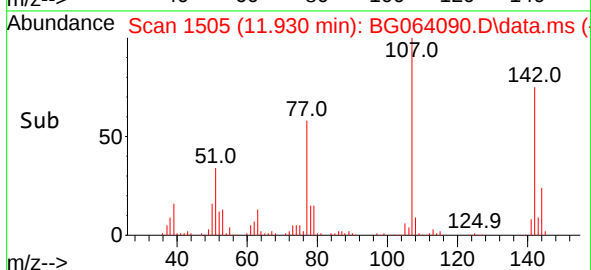
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#36
4-Chloro-3-methylphenol
Concen: 48.369 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:107 Resp: 136157
Ion Ratio Lower Upper
107 100
144 24.1 18.6 28.0
142 75.3 58.0 87.0





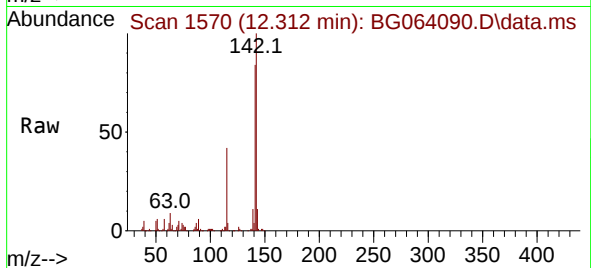
#37
2-Methylnaphthalene
Concen: 43.197 ng
RT: 12.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

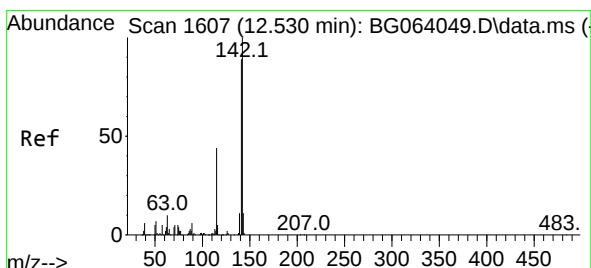
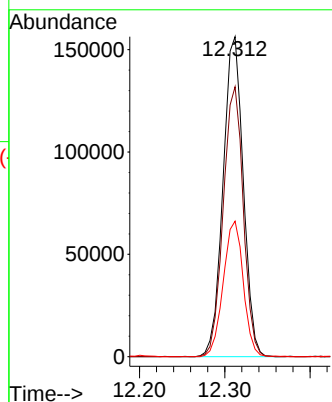
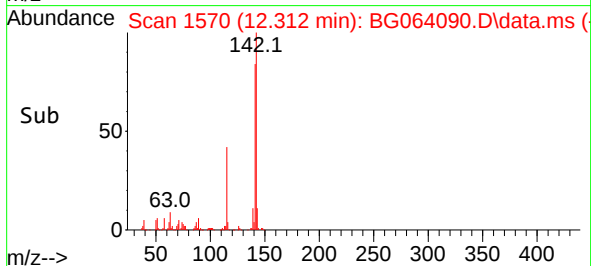


Tgt Ion:142 Resp: 25756
Ion Ratio Lower Upper
142 100
141 84.4 68.6 103.0
115 42.3 32.8 49.2

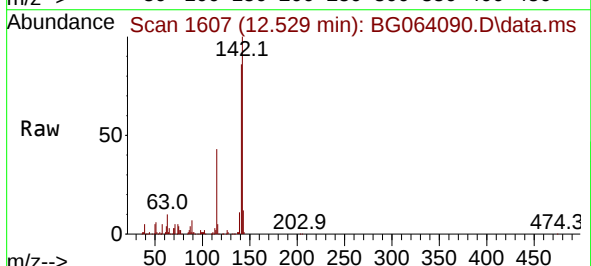
Manual Integrations

APPROVED

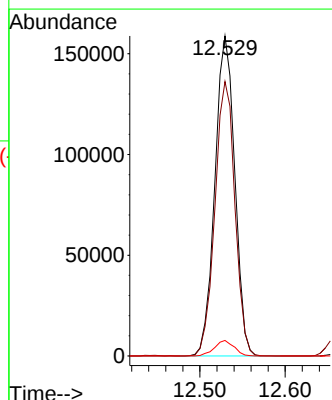
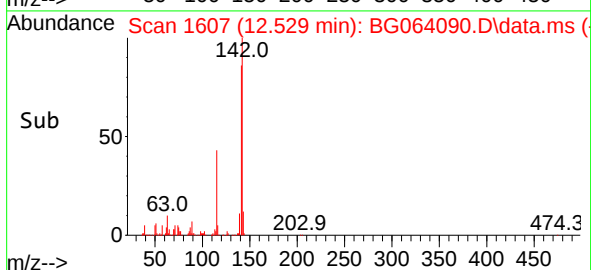
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

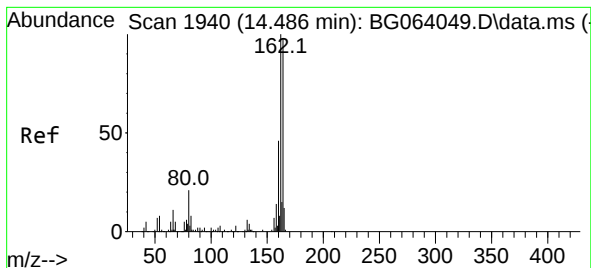


#38
1-Methylnaphthalene
Concen: 44.128 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:142 Resp: 257773
Ion Ratio Lower Upper
142 100
141 85.7 71.2 106.8
116 4.8 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

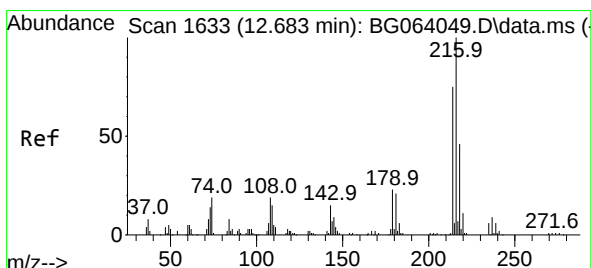
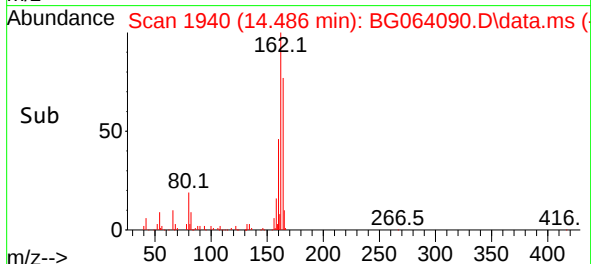
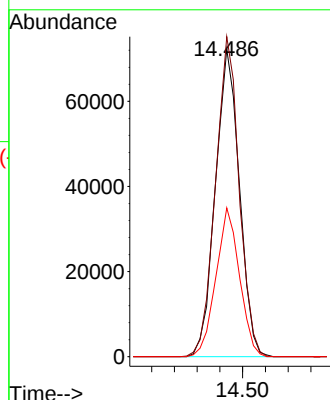
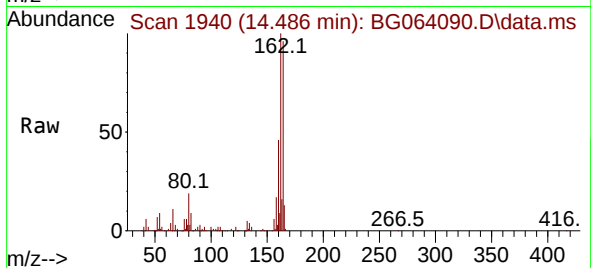
PB167045BS

Tgt Ion:164 Resp: 105839

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	48.4	37.0	55.6

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.562 ng

RT: 12.682 min Scan# 1633

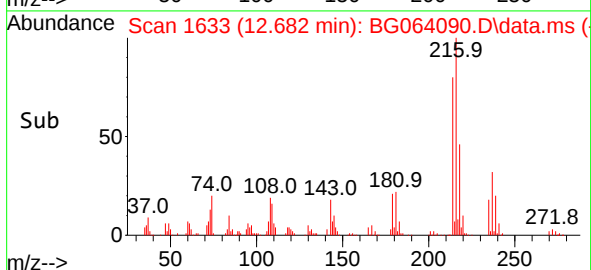
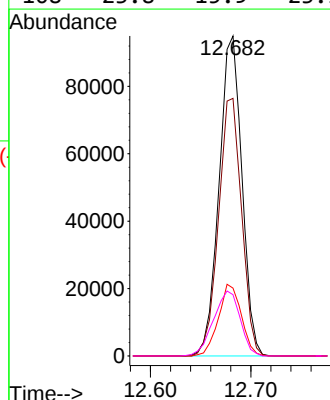
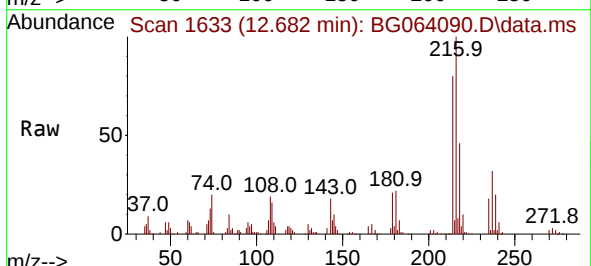
Delta R.T. -0.000 min

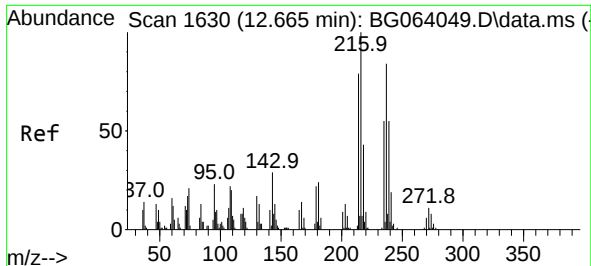
Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Tgt Ion:216 Resp: 149759

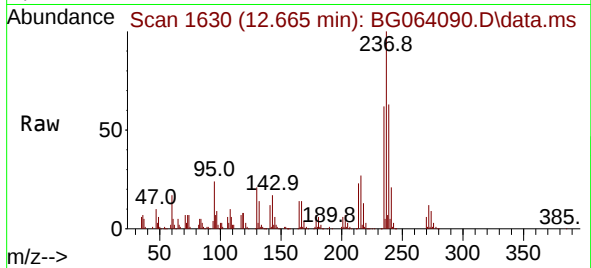
Ion	Ratio	Lower	Upper
216	100		
214	81.3	61.7	92.5
179	22.5	17.9	26.9
108	23.8	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 219.205 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

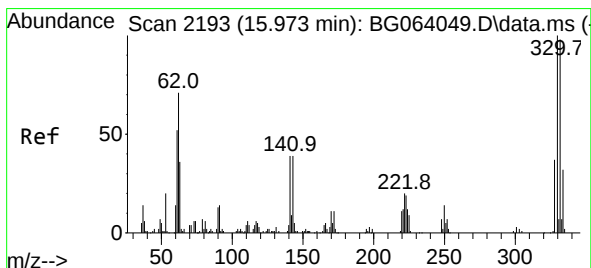
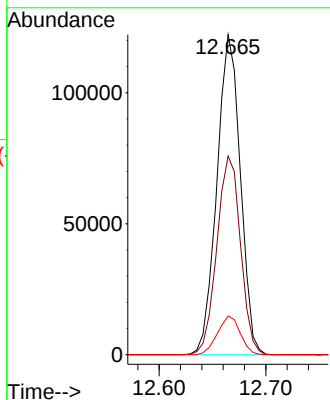
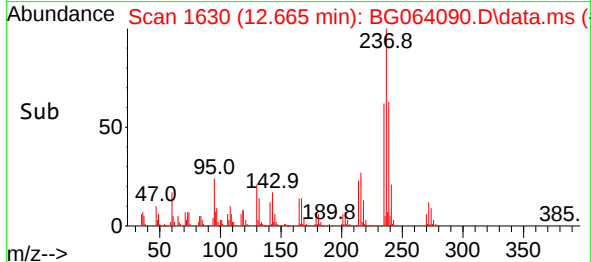
Instrument :
BNA_G
ClientSampleId :
PB167045BS



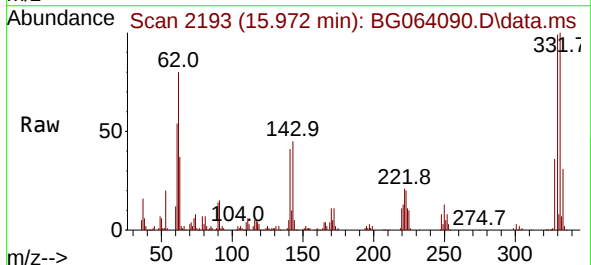
Tgt Ion:237 Resp: 18642
Ion Ratio Lower Upper
237 100
235 62.1 46.0 86.0
272 12.1 0.0 32.8

Manual Integrations
APPROVED

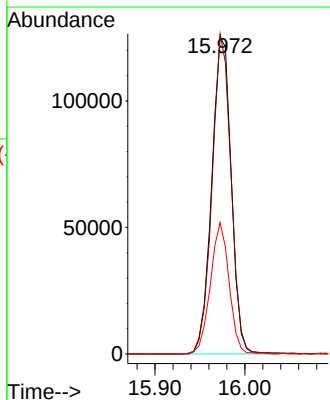
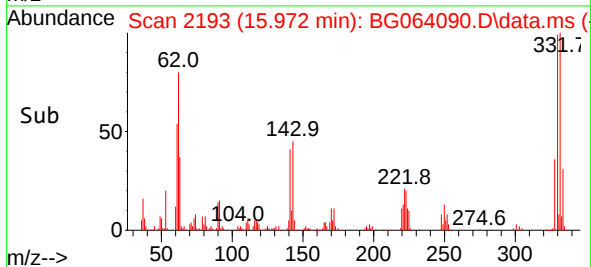
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

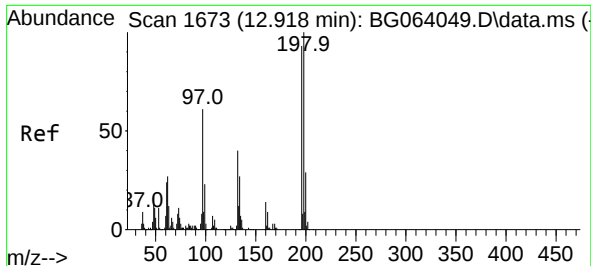


#42
2,4,6-Tribromophenol
Concen: 160.899 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



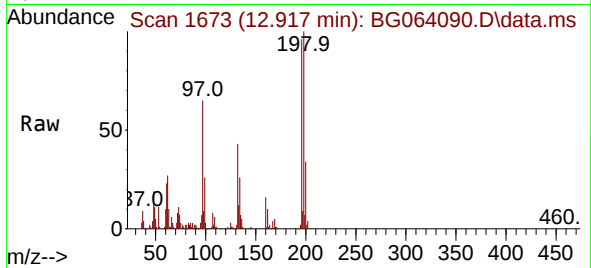
Tgt Ion:330 Resp: 189294
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 39.6 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 52.875 ng
RT: 12.917 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

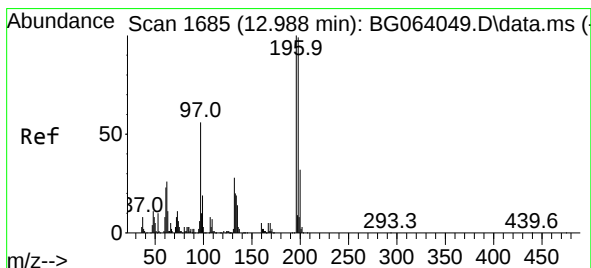
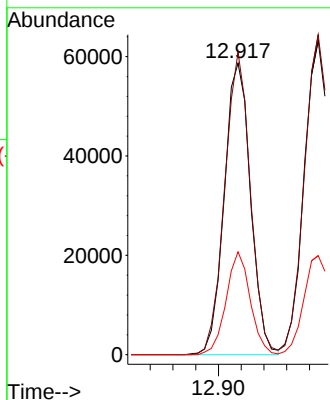
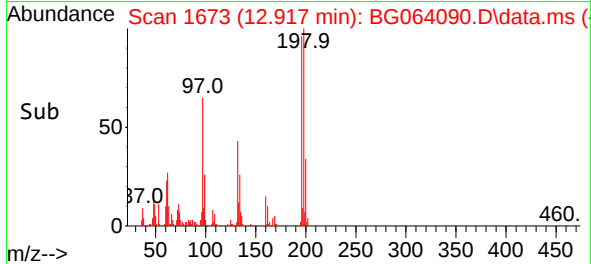
Instrument :
BNA_G
ClientSampleId :
PB167045BS



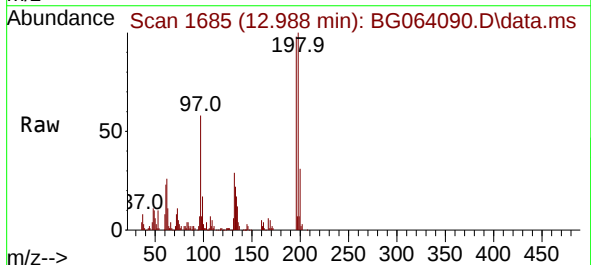
Tgt Ion:196 Resp: 94162
Ion Ratio Lower Upper
196 100
198 103.7 85.6 128.4
200 35.3 24.6 37.0

Manual Integrations
APPROVED

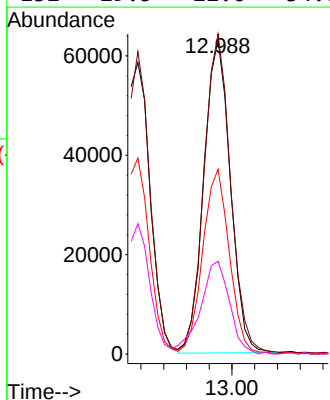
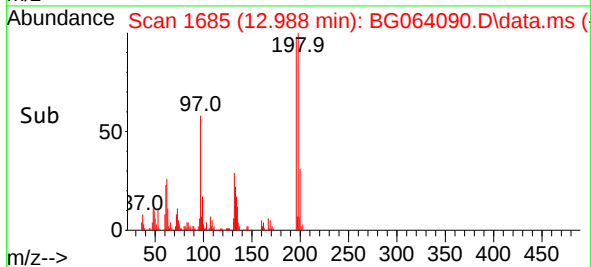
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

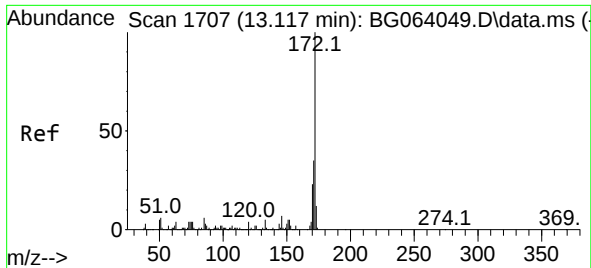


#44
2,4,5-Trichlorophenol
Concen: 51.674 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:196 Resp: 102251
Ion Ratio Lower Upper
196 100
198 101.9 79.5 119.3
97 58.8 45.2 67.8
132 29.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 99.794 ng
RT: 13.117 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

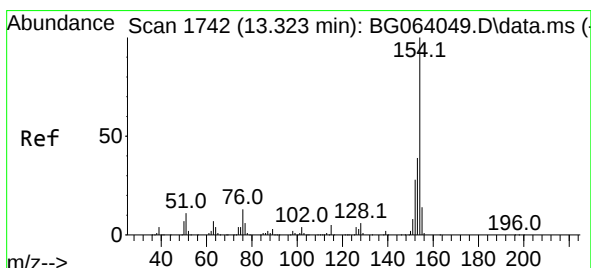
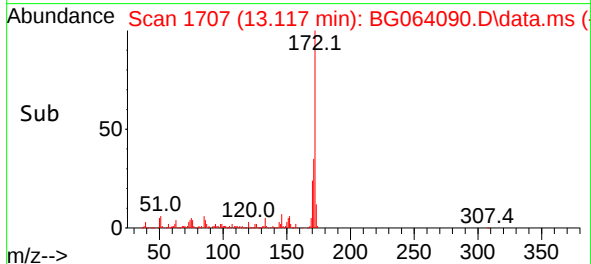
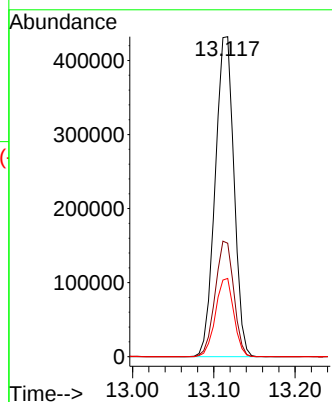
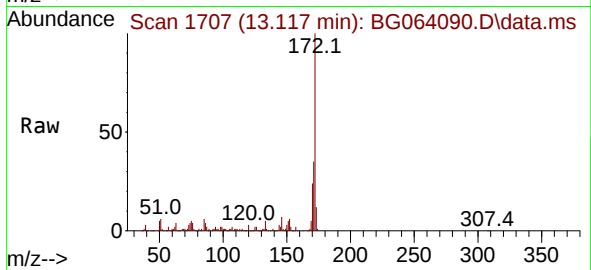
PB167045BS

Tgt Ion:172 Resp: 69584
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.4 18.7 28.1

Manual Integrations

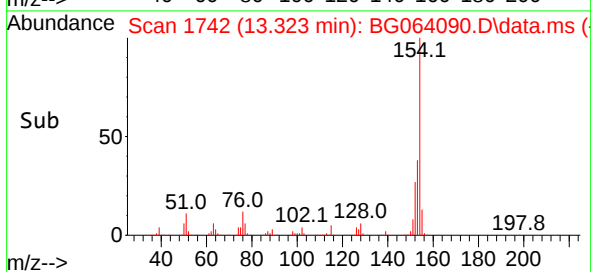
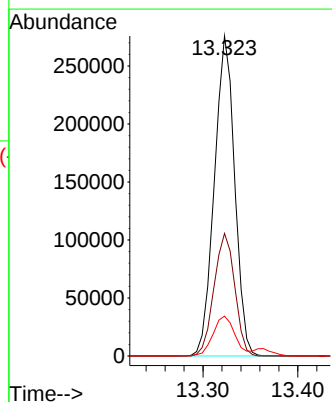
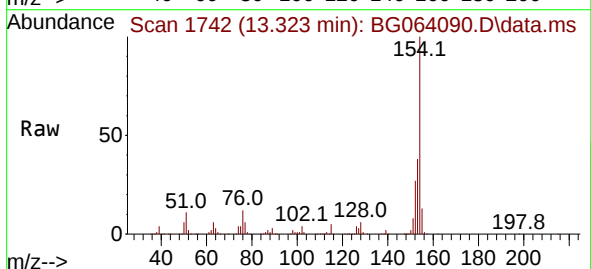
APPROVED

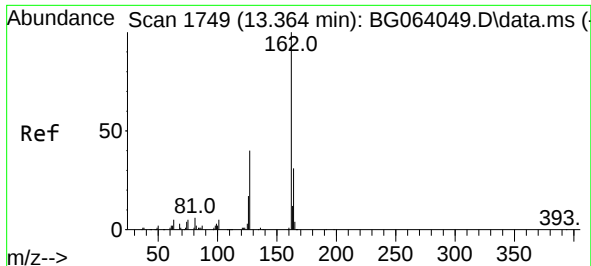
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#46
1,1'-Biphenyl
Concen: 51.269 ng
RT: 13.323 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:154 Resp: 409959
Ion Ratio Lower Upper
154 100
153 38.3 19.5 59.5
76 12.5 0.0 33.5





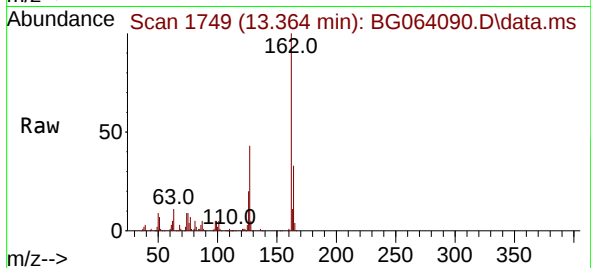
#47
2-Chloronaphthalene
Concen: 46.066 ng
RT: 13.364 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

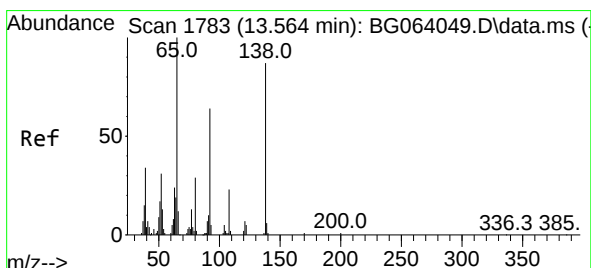
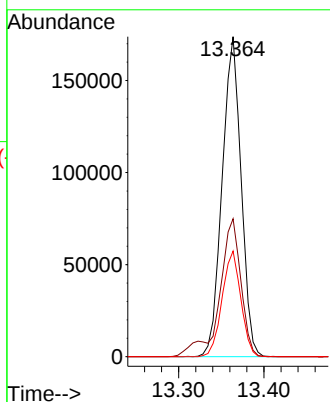
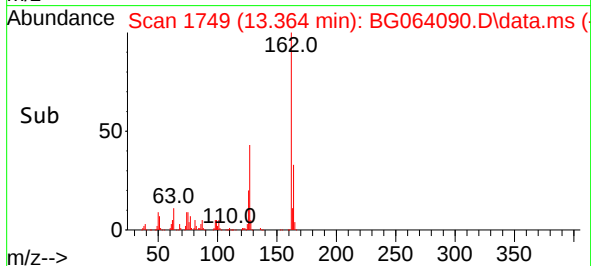


Tgt Ion:162 Resp: 26865
Ion Ratio Lower Upper
162 100
127 43.1 35.0 52.4
164 33.0 25.0 37.6

Manual Integrations

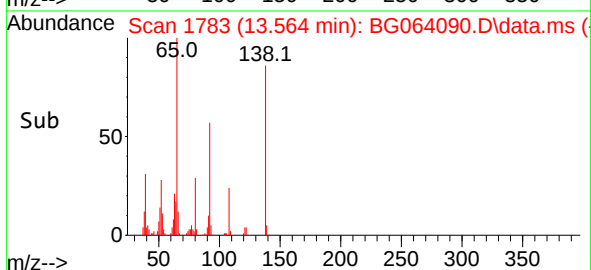
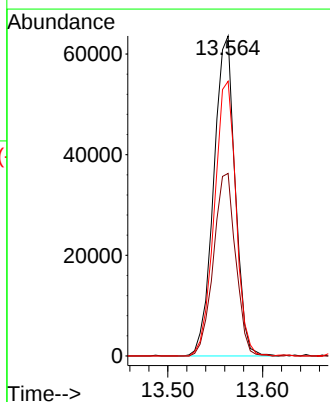
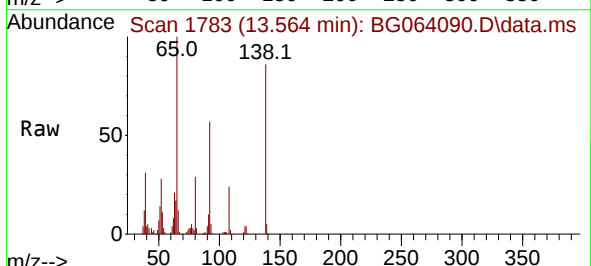
APPROVED

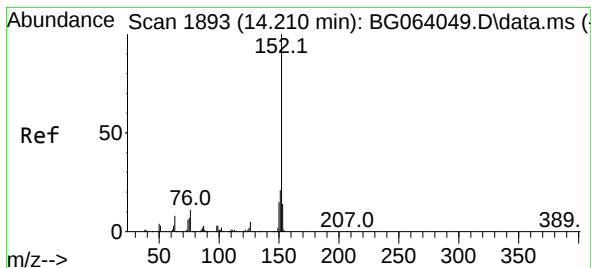
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#48
2-Nitroaniline
Concen: 51.017 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion: 65 Resp: 100072
Ion Ratio Lower Upper
65 100
92 57.1 51.2 76.8
138 85.8 69.4 104.2





#49

Acenaphthylene

Concen: 47.992 ng

RT: 14.210 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BG064090.D

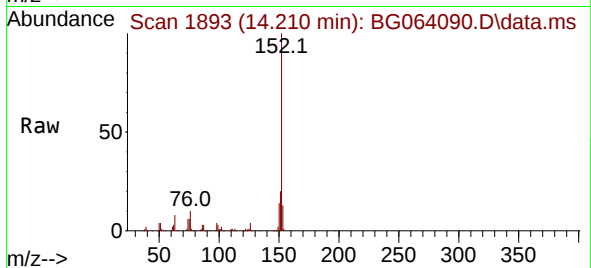
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS



Tgt Ion:152 Resp: 442698

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

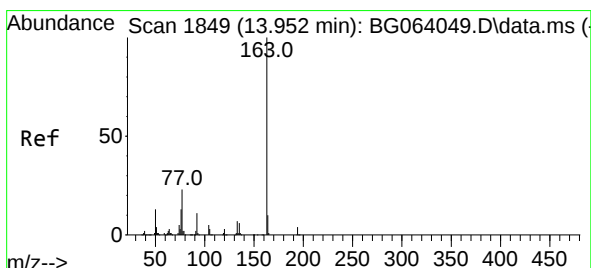
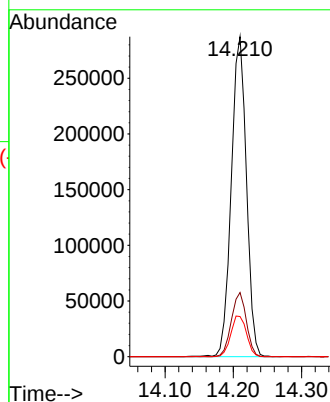
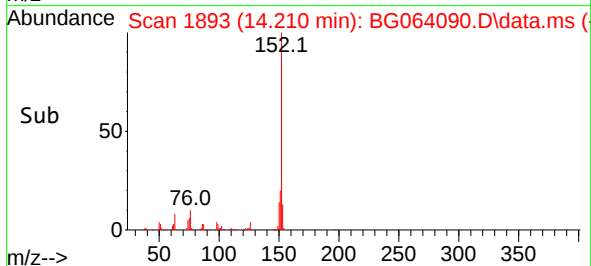
153 12.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#50

Dimethylphthalate

Concen: 45.010 ng

RT: 13.951 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

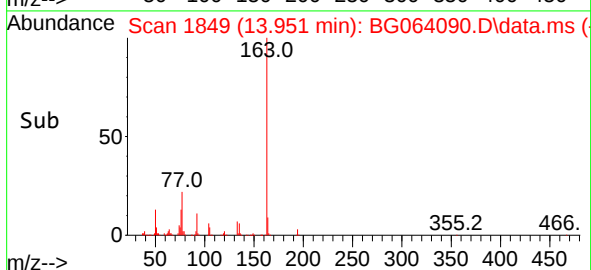
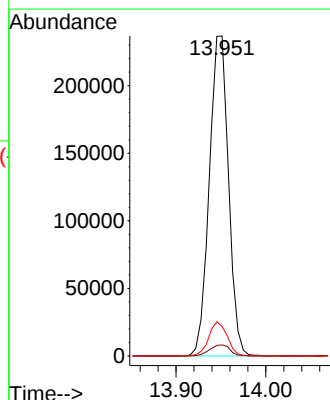
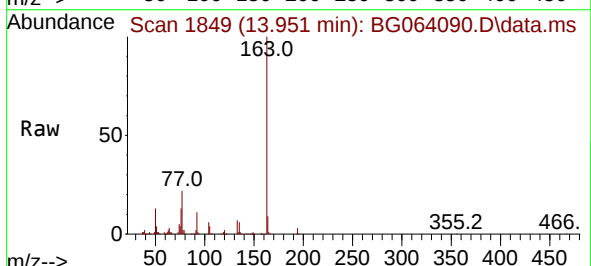
Tgt Ion:163 Resp: 351651

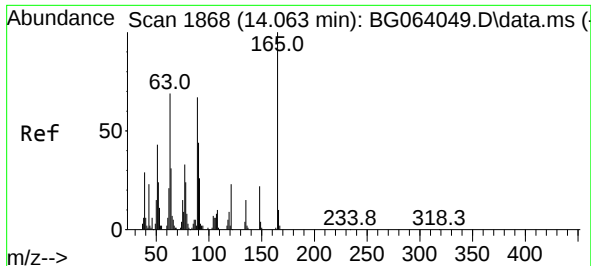
Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

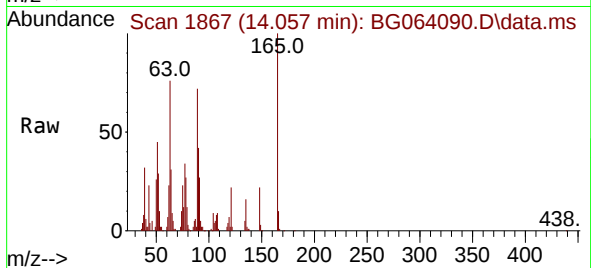
164 9.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.290 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

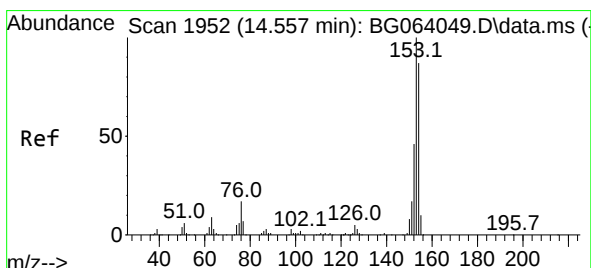
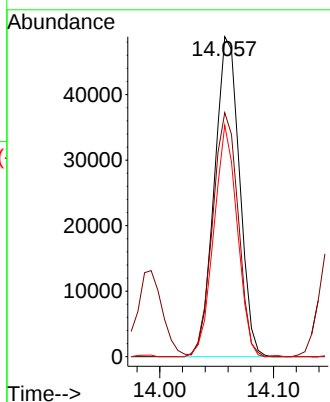
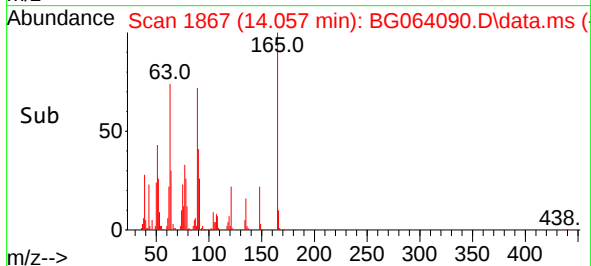
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:165 Resp: 7487
Ion Ratio Lower Upper
165 100
63 76.2 56.7 85.1
89 72.3 53.7 80.5

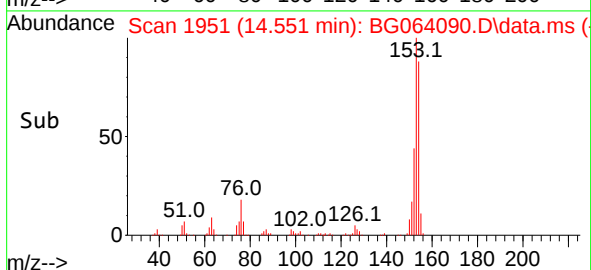
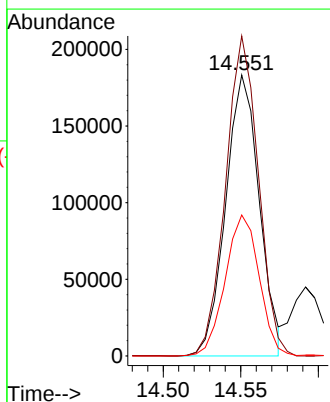
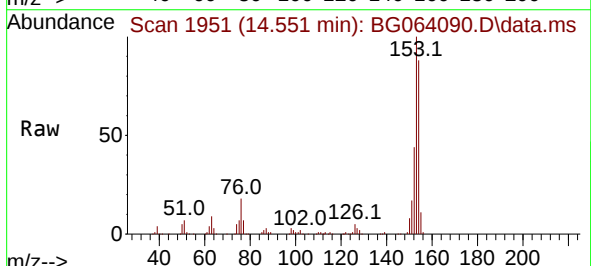
Manual Integrations
APPROVED

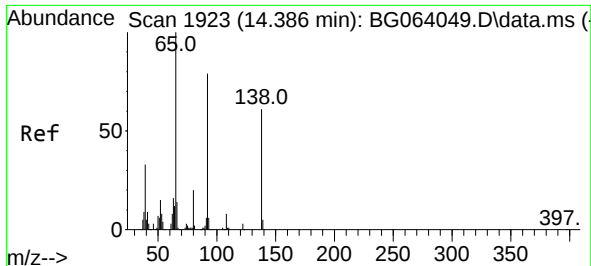
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#52
Acenaphthene
Concen: 44.651 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:154 Resp: 276415
Ion Ratio Lower Upper
154 100
153 113.9 91.6 137.4
152 50.2 42.5 63.7





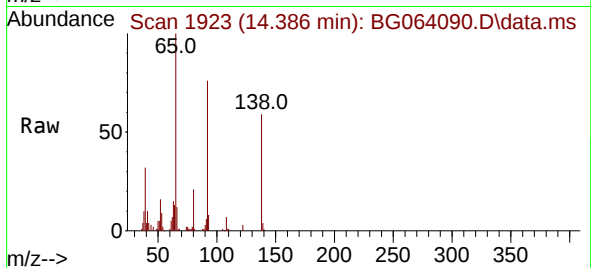
#53
3-Nitroaniline
Concen: 24.937 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

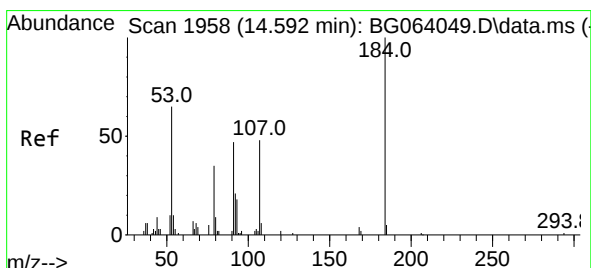
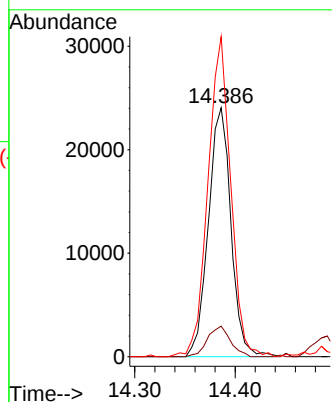
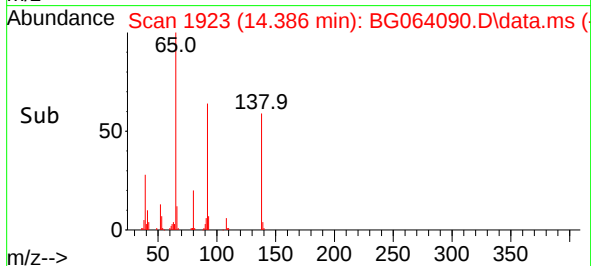


Tgt Ion:138 Resp: 3765
Ion Ratio Lower Upper
138 100
108 12.3 10.1 15.1
92 128.6 104.1 156.1

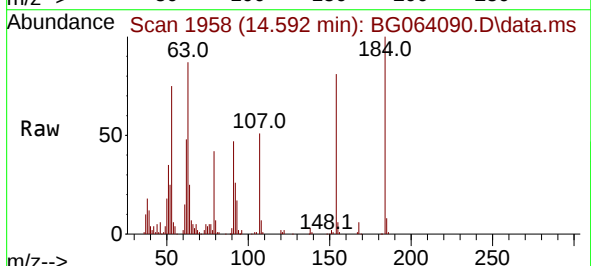
Manual Integrations

APPROVED

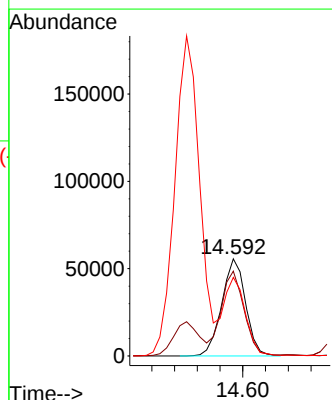
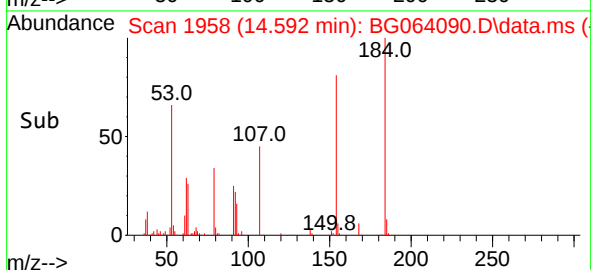
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

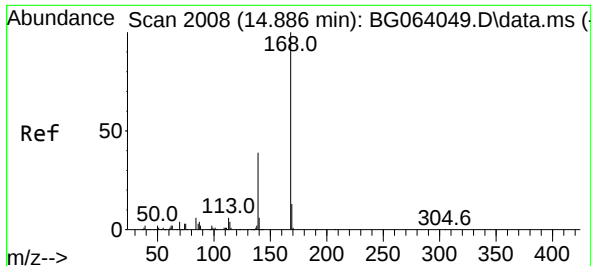


#54
2,4-Dinitrophenol
Concen: 118.385 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:184 Resp: 81006
Ion Ratio Lower Upper
184 100
63 87.2 57.5 86.3#
154 80.9 52.3 78.5#





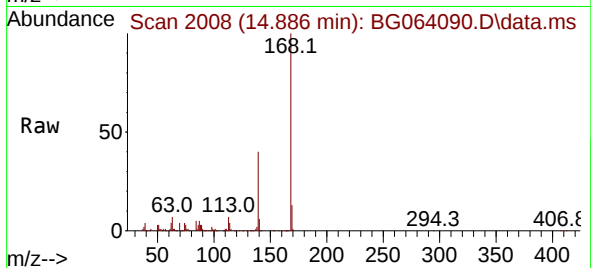
#55
Dibenzofuran
Concen: 43.213 ng
RT: 14.886 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

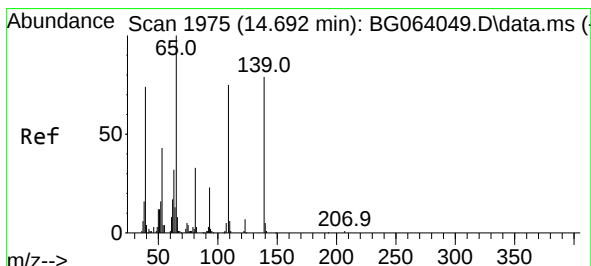
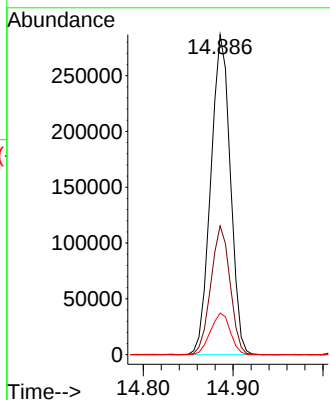
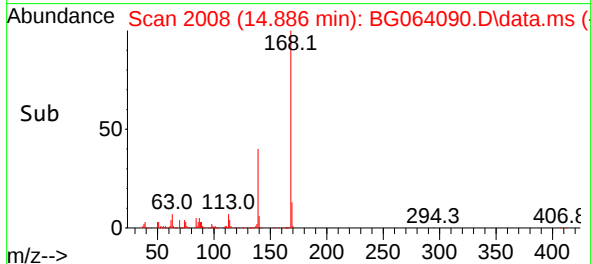


Tgt Ion:168 Resp: 433372
Ion Ratio Lower Upper
168 100
139 40.2 31.1 46.7
169 13.0 10.5 15.7

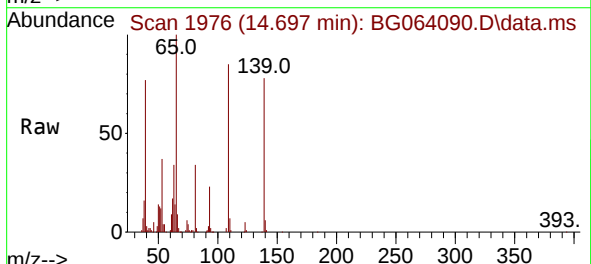
Manual Integrations

APPROVED

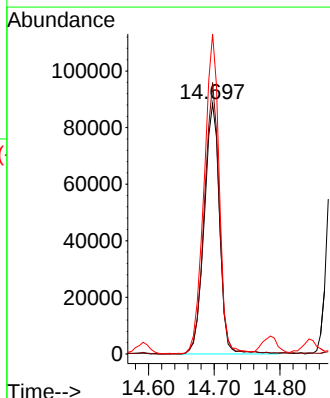
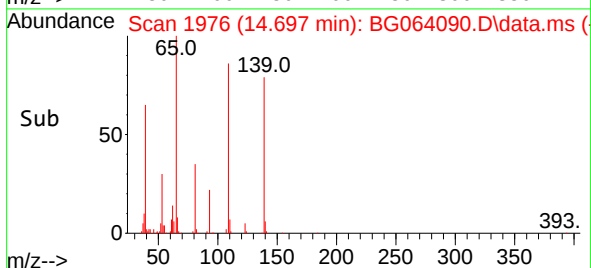
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

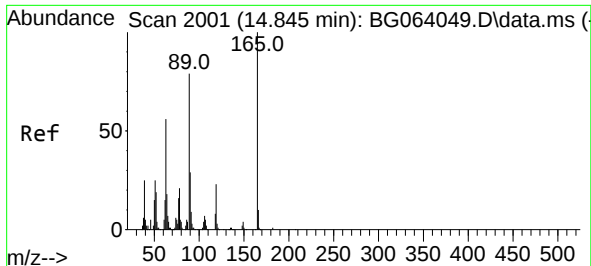


#56
4-Nitrophenol
Concen: 113.922 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:139 Resp: 144269
Ion Ratio Lower Upper
139 100
109 108.4 74.9 114.9
65 127.8 106.8 146.8





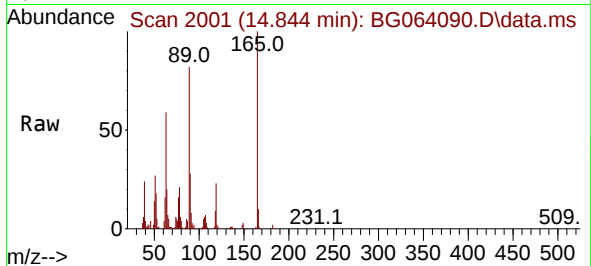
#57
2,4-Dinitrotoluene
Concen: 49.425 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

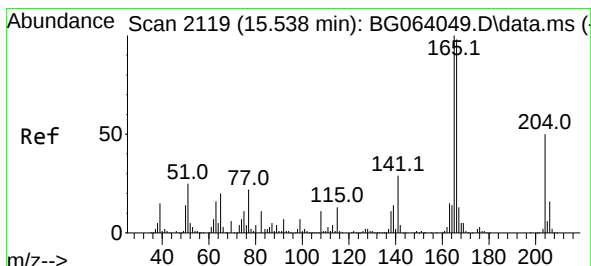
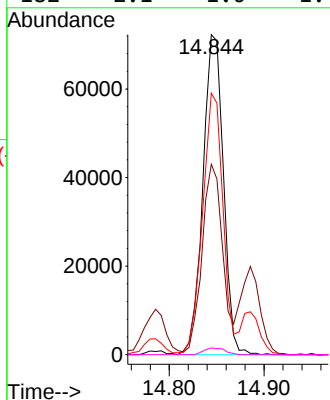
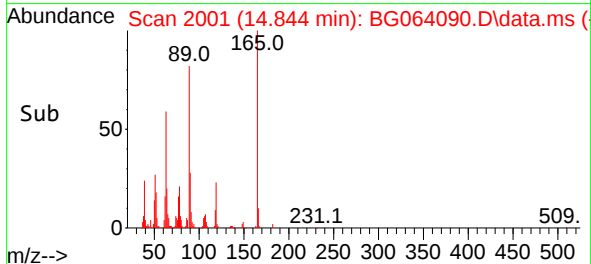


Tgt Ion:165 Resp: 108349
Ion Ratio Lower Upper
165 100
63 59.5 45.0 67.6
89 81.7 63.1 94.7
182 2.1 1.0 1.4#

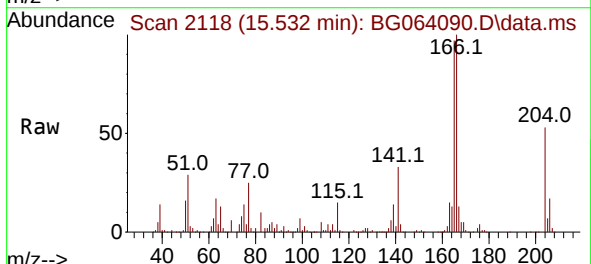
Manual Integrations

APPROVED

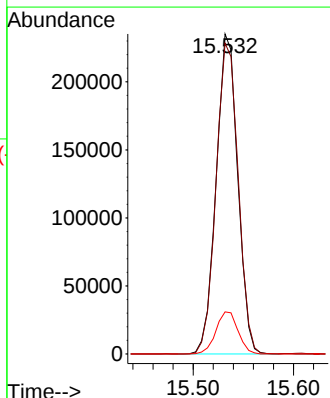
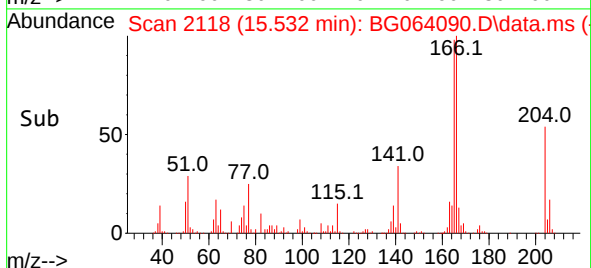
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

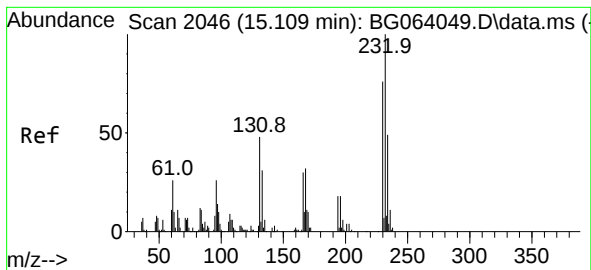


#58
Fluorene
Concen: 44.832 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:166 Resp: 350177
Ion Ratio Lower Upper
166 100
165 97.1 81.8 122.8
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.250 ng m
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

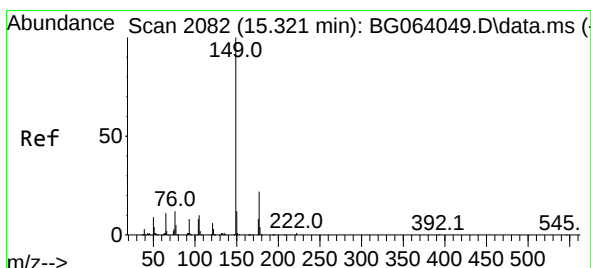
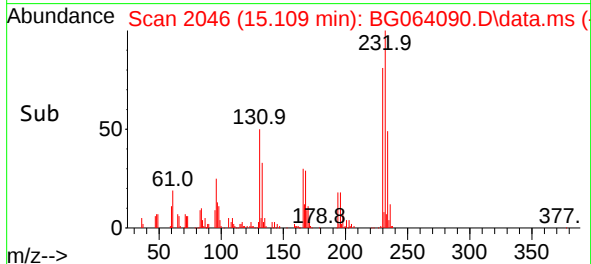
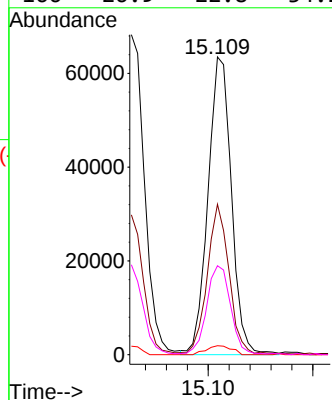
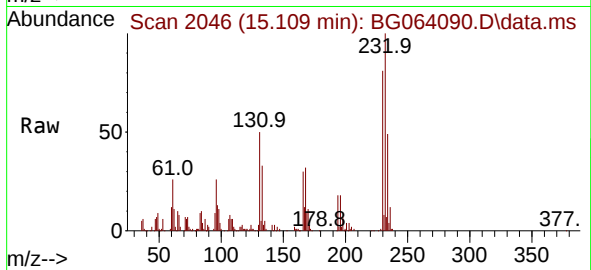
PB167045BS

Tgt Ion:232 Resp: 9886
Ion Ratio Lower Upper
232 100
131 42.9 36.3 54.5
130 2.3 1.9 2.9
166 26.9 22.8 34.2

Manual Integrations

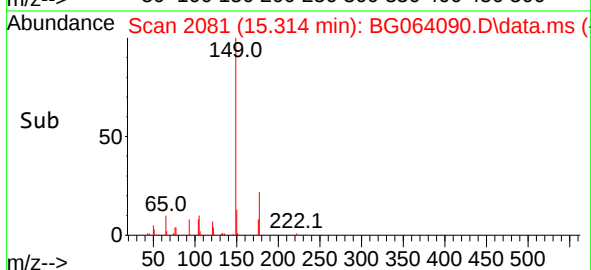
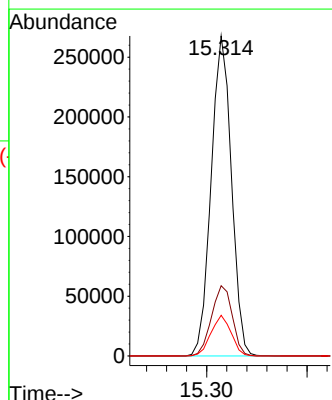
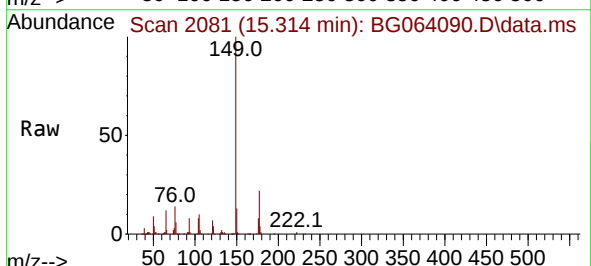
APPROVED

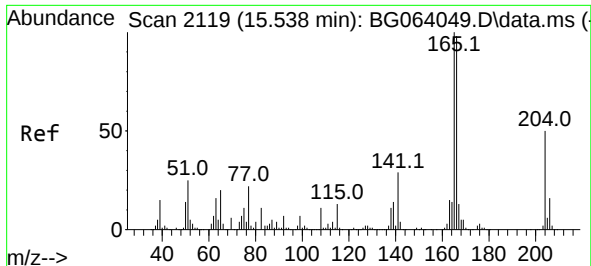
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#60
Diethylphthalate
Concen: 44.233 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:149 Resp: 375167
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.7 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 43.728 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

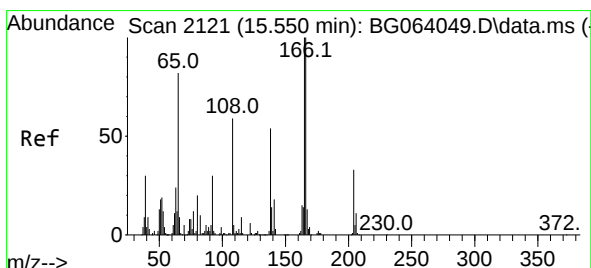
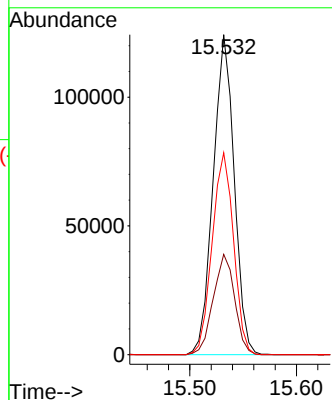
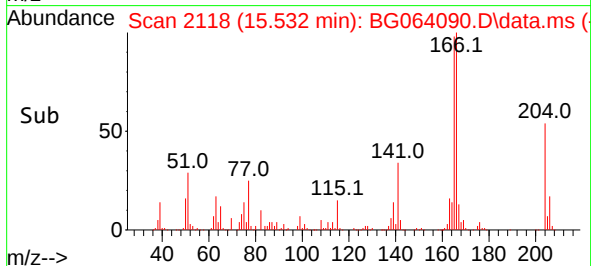
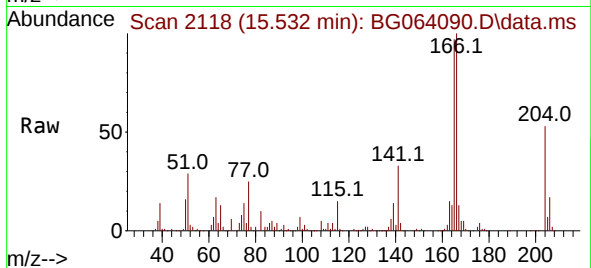
PB167045BS

Tgt Ion:204 Resp: 169734
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 63.1 45.4 68.0

Manual Integrations

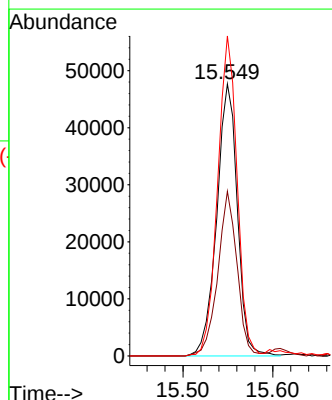
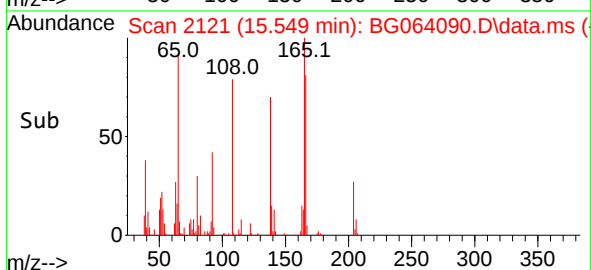
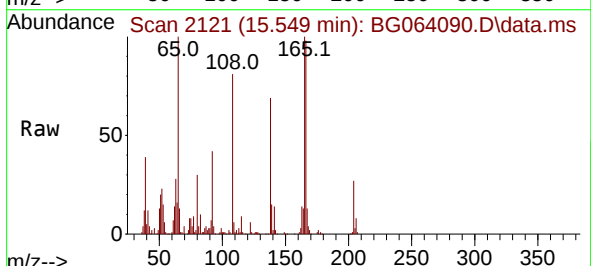
APPROVED

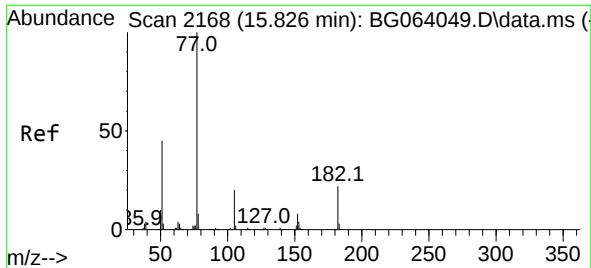
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#62
4-Nitroaniline
Concen: 46.668 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:138 Resp: 76080
Ion Ratio Lower Upper
138 100
92 60.5 36.1 76.1
108 117.7 87.9 127.9





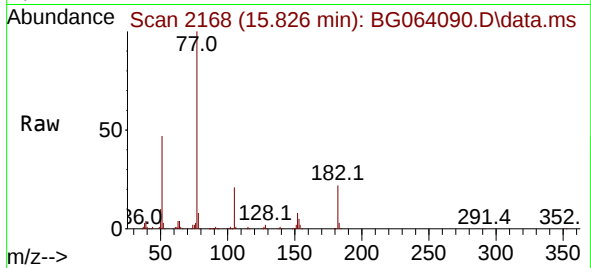
#63
Azobenzene
Concen: 42.023 ng
RT: 15.826 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

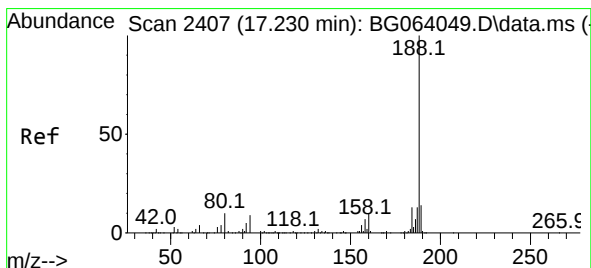
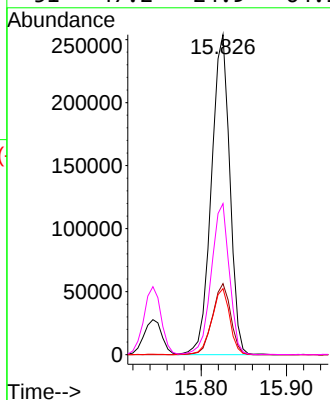
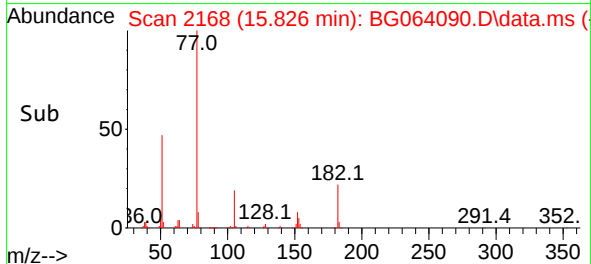


Tgt Ion: 77 Resp: 38033
Ion Ratio Lower Upper
77 100
182 22.2 2.4 42.4
105 20.6 0.0 40.0
51 47.2 24.9 64.9

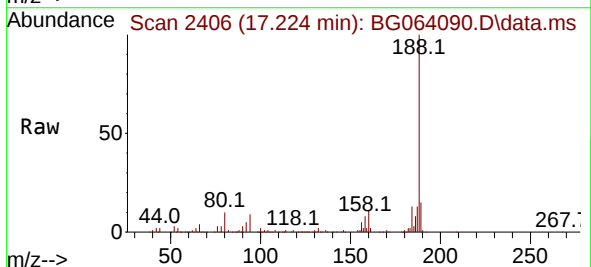
Manual Integrations

APPROVED

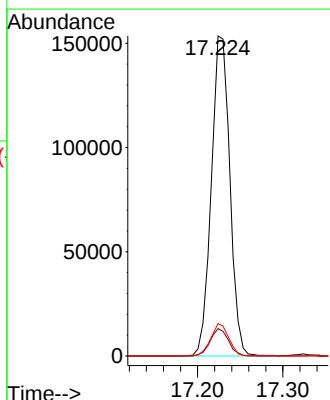
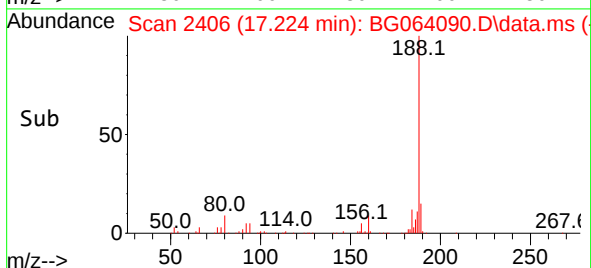
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

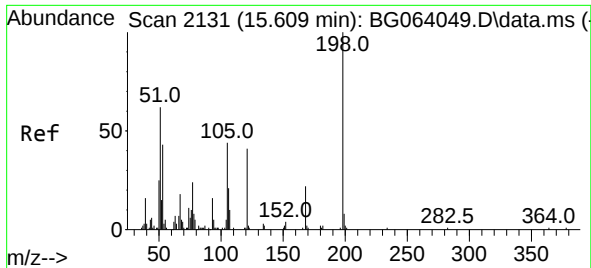


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:188 Resp: 231322
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.1 8.1 12.1





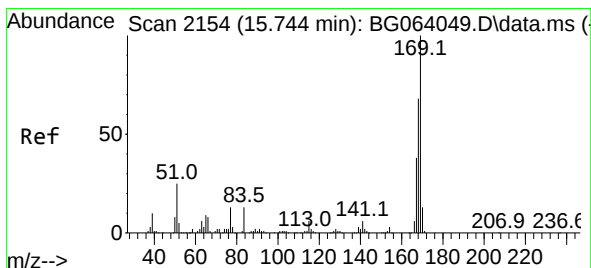
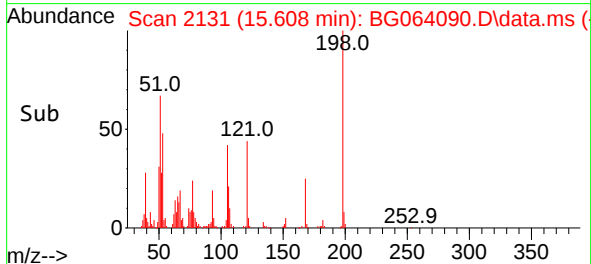
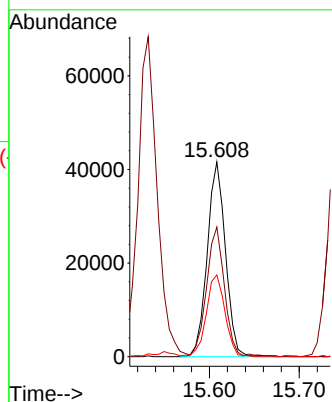
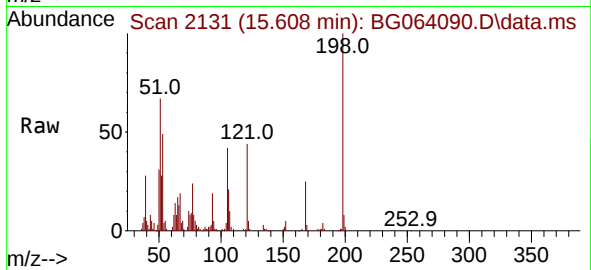
#65
4,6-Dinitro-2-methylphenol
Concen: 56.827 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :
BNA_G
ClientSampleId :
PB167045BS

Tgt Ion:198 Resp: 58600
Ion Ratio Lower Upper
198 100
51 66.5 45.6 85.6
105 42.0 25.3 65.3

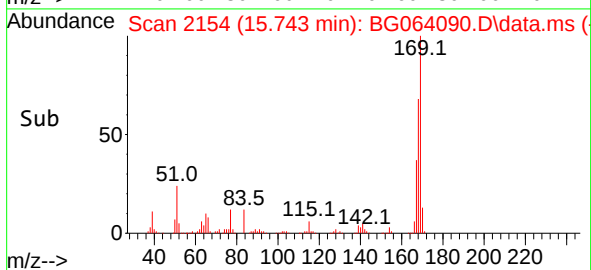
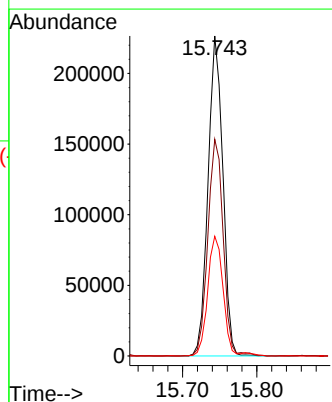
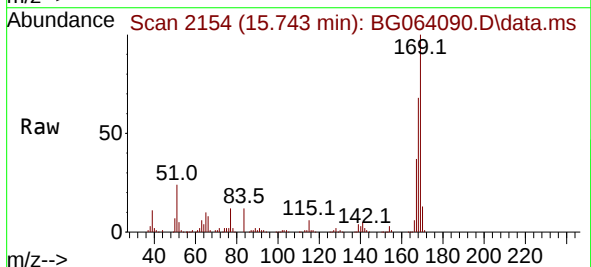
Manual Integrations
APPROVED

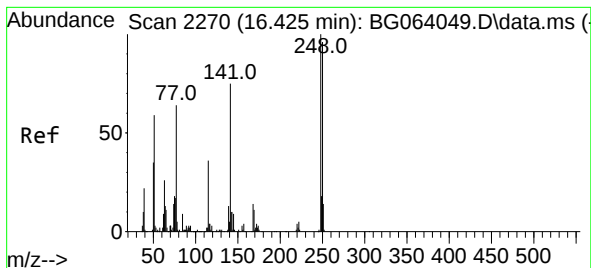
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#66
n-Nitrosodiphenylamine
Concen: 47.892 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:169 Resp: 313589
Ion Ratio Lower Upper
169 100
168 67.7 54.1 81.1
167 37.4 30.3 45.5





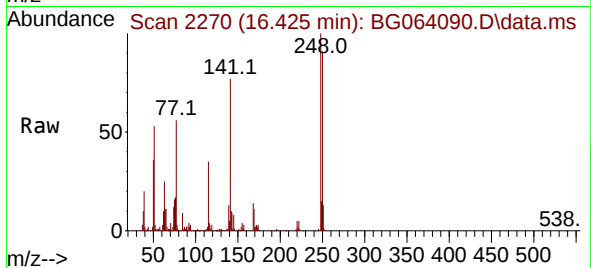
#67
4-Bromophenyl-phenylether
Concen: 48.457 ng
RT: 16.425 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

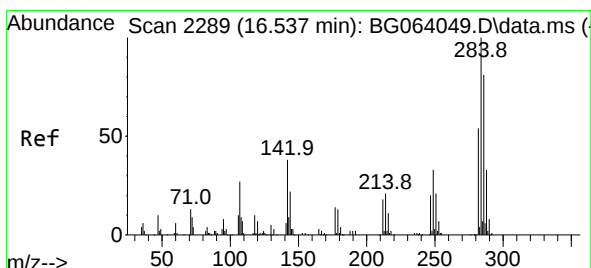
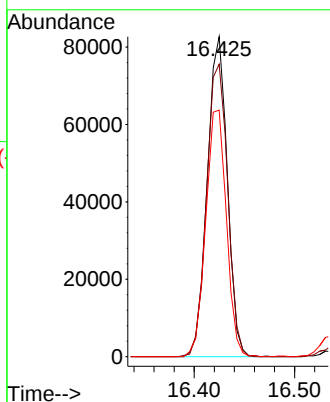
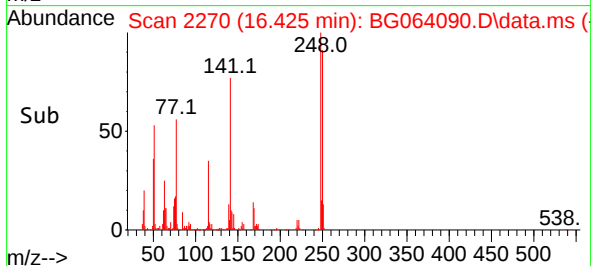


Tgt Ion:248 Resp: 11480
Ion Ratio Lower Upper
248 100
250 91.4 77.1 115.7
141 77.0 59.8 89.8

Manual Integrations

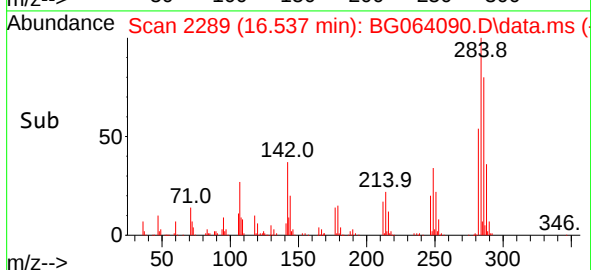
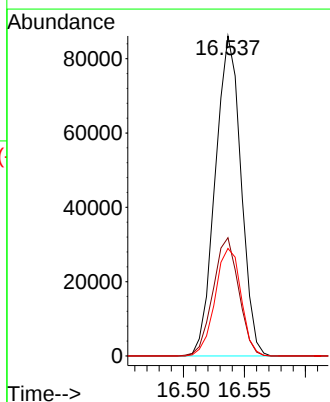
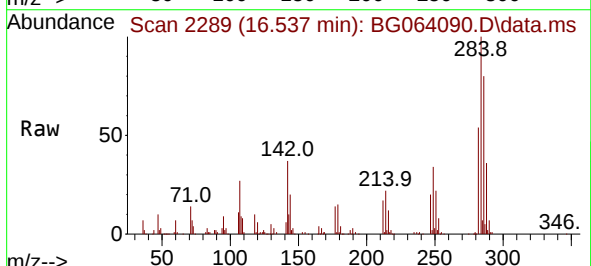
APPROVED

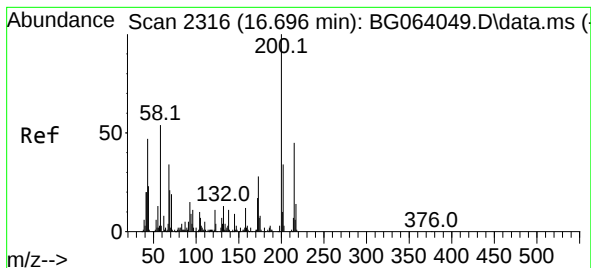
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#68
Hexachlorobenzene
Concen: 47.647 ng
RT: 16.537 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:284 Resp: 126378
Ion Ratio Lower Upper
284 100
142 36.9 30.6 45.8
249 33.6 26.6 39.8





#69

Atrazine

Concen: 72.680 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

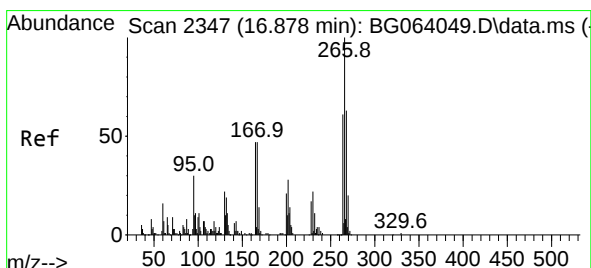
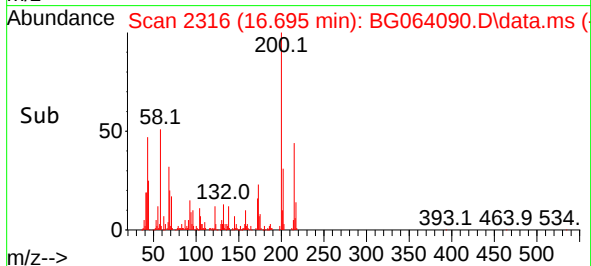
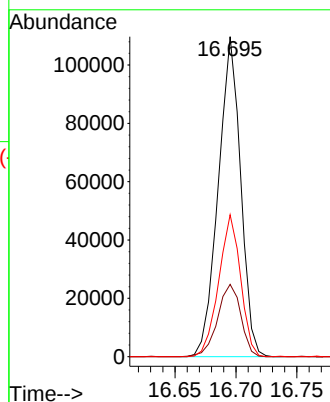
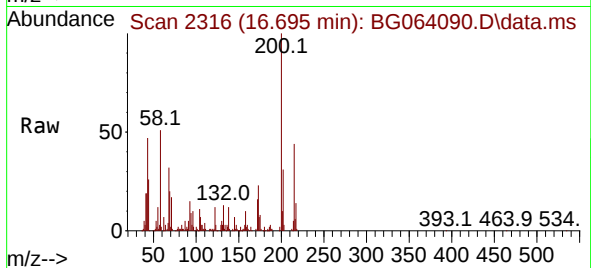
PB167045BS

Tgt Ion:200 Resp: 14002
 Ion Ratio Lower Upper
 200 100
 173 22.6 8.2 48.2
 215 44.4 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#70

Pentachlorophenol

Concen: 102.351 ng

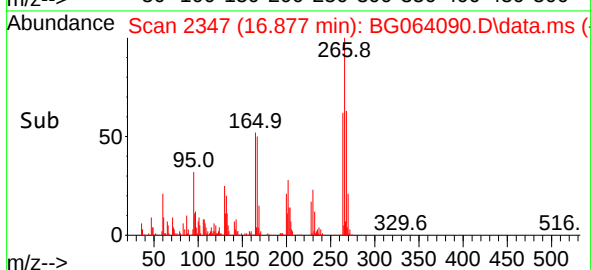
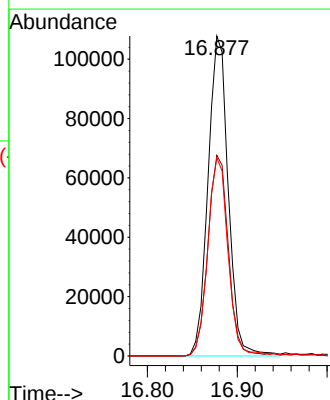
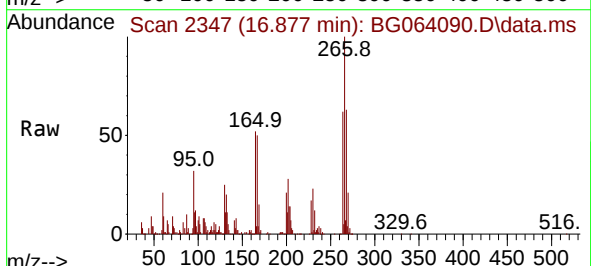
RT: 16.877 min Scan# 2347

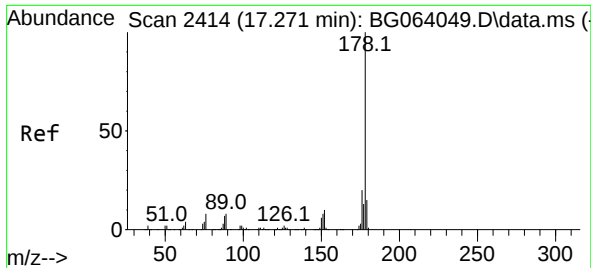
Delta R.T. -0.001 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

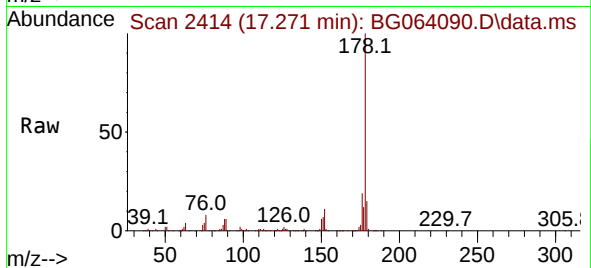
Tgt Ion:266 Resp: 168556
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.2 75.4
 264 61.9 48.9 73.3





#71
Phenanthrene
Concen: 46.830 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

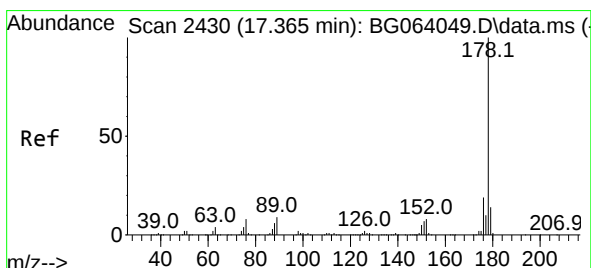
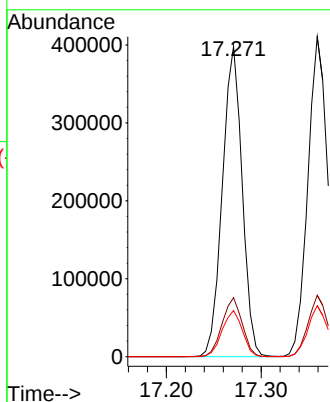
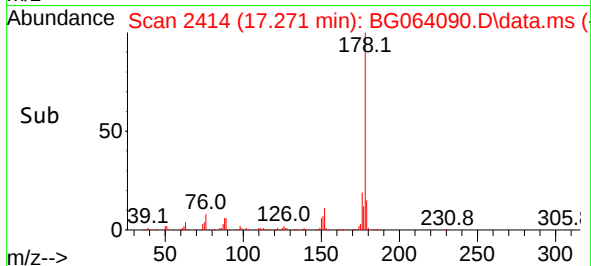
Instrument :
BNA_G
ClientSampleId :
PB167045BS



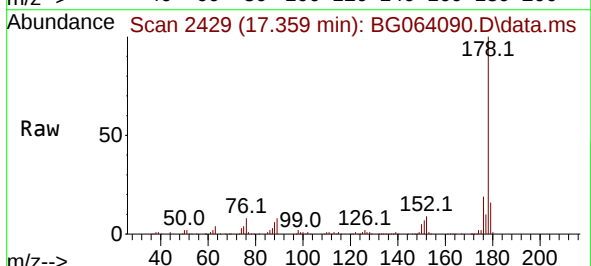
Tgt Ion:178 Resp: 577790
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.8 12.2 18.2

Manual Integrations
APPROVED

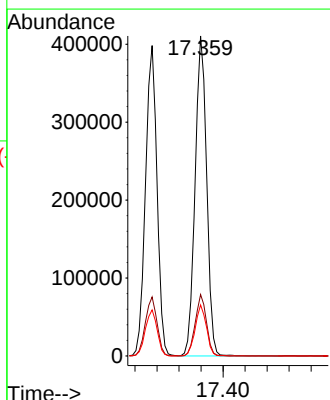
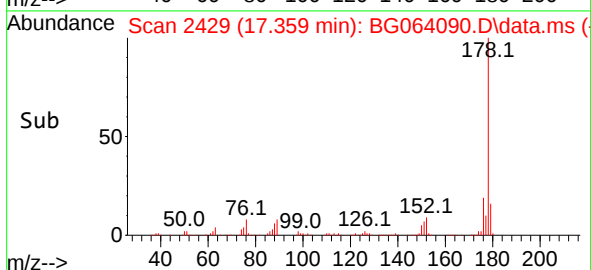
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

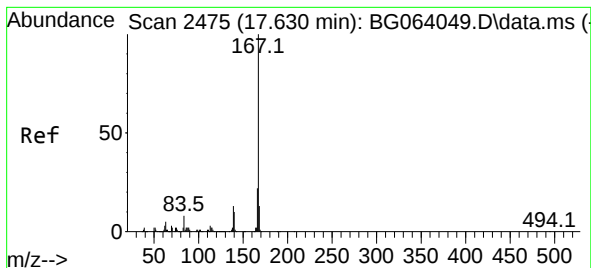


#72
Anthracene
Concen: 48.894 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:178 Resp: 599866
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.0 11.5 17.3





#73

Carbazole

Concen: 47.121 ng

RT: 17.629 min Scan# 2475

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

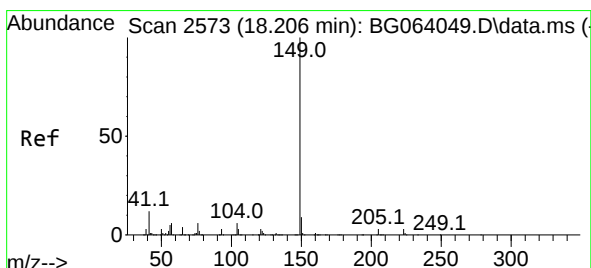
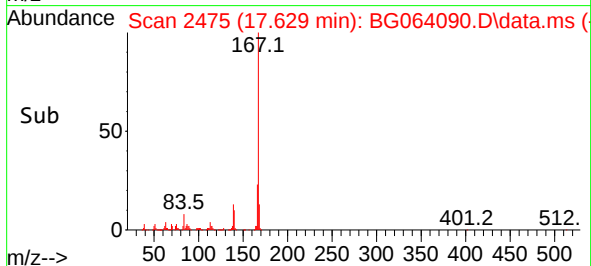
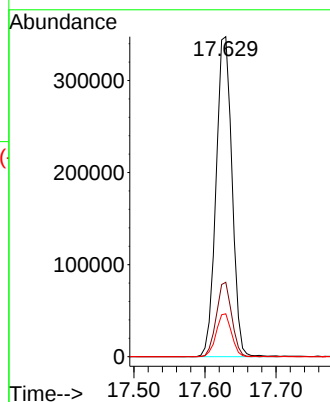
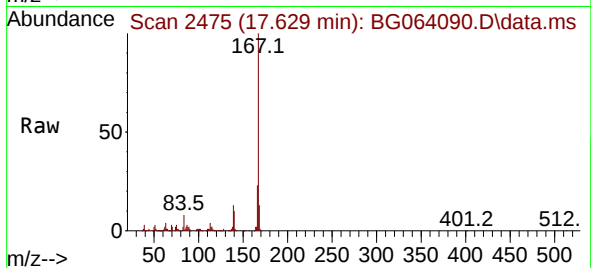
ClientSampleId :

PB167045BS

Tgt Ion:167	Resp: 53975
Ion Ratio	Lower Upper
167 100	
166 23.2	18.0 27.0
139 13.4	10.6 15.8

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#74

Di-n-butylphthalate

Concen: 47.659 ng

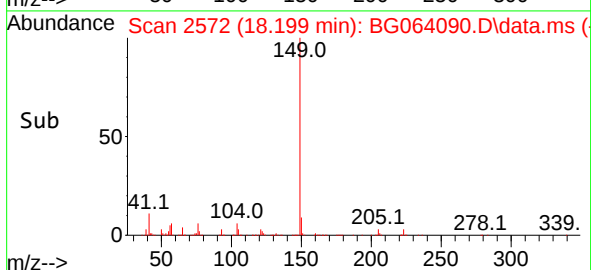
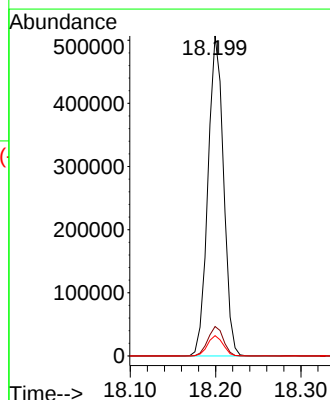
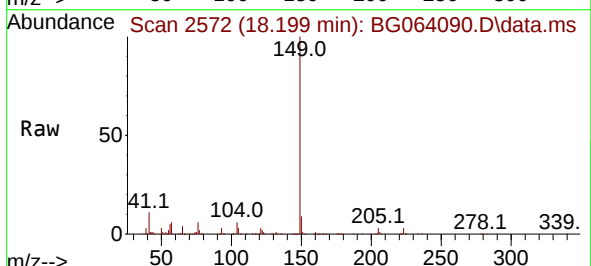
RT: 18.199 min Scan# 2572

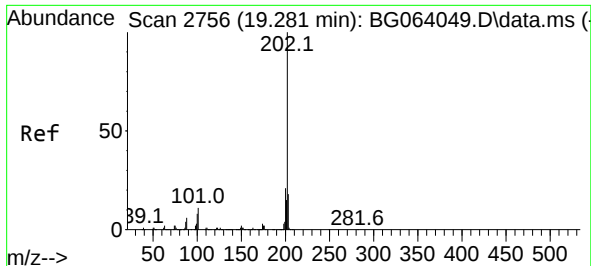
Delta R.T. -0.006 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Tgt Ion:149	Resp: 642600
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 6.4	5.0 7.6





#75
Fluoranthene
Concen: 44.732 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

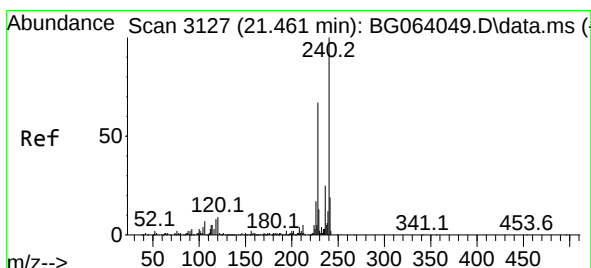
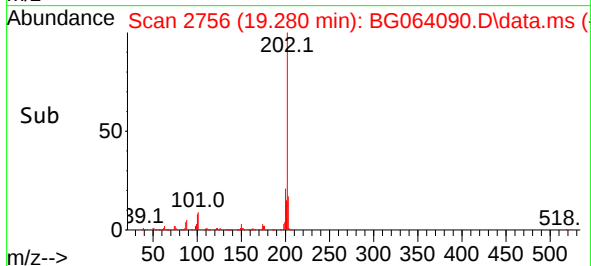
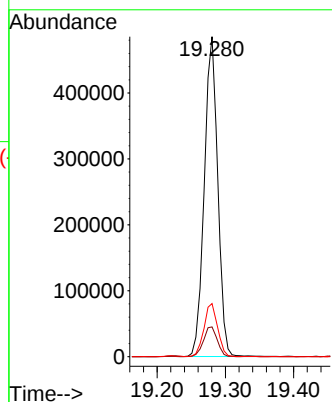
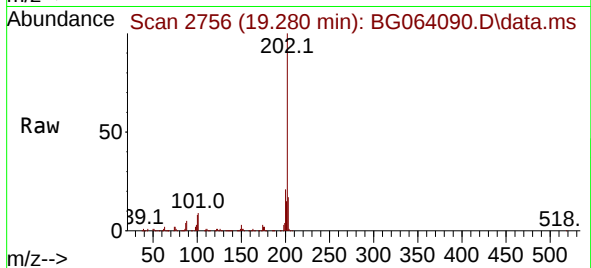
PB167045BS

Tgt Ion:202 Resp: 665372
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 16.6 0.0 38.3

Manual Integrations

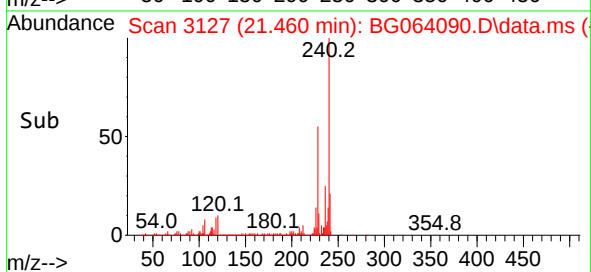
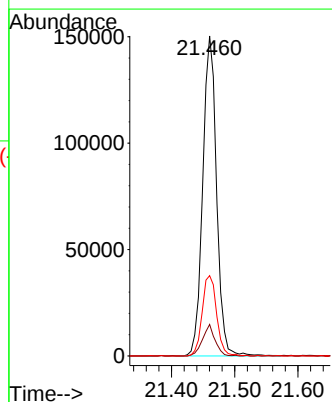
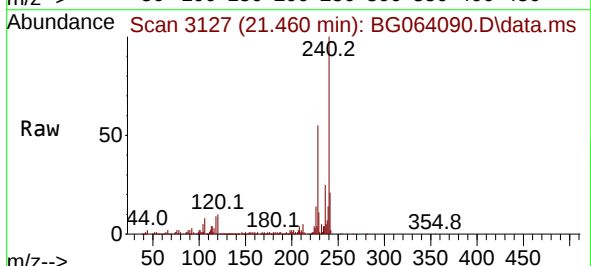
APPROVED

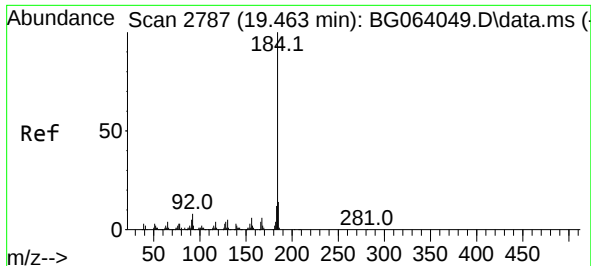
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

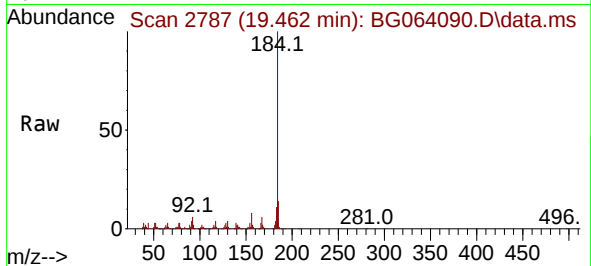
Tgt Ion:240 Resp: 228659
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 25.1 20.2 30.2





#77
Benzidine
Concen: 65.326 ng
RT: 19.462 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

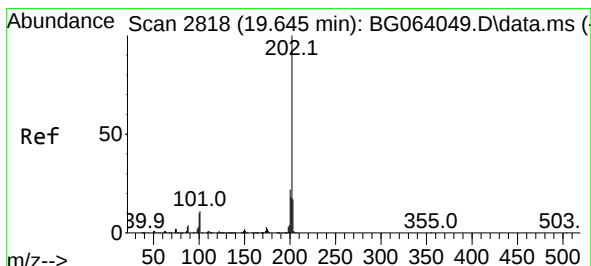
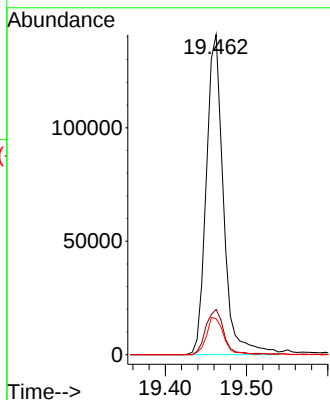
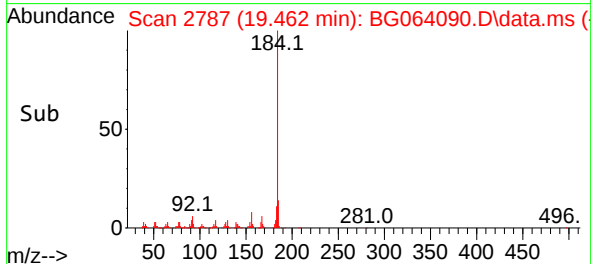
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:184 Resp: 206839
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.2 9.5 14.3

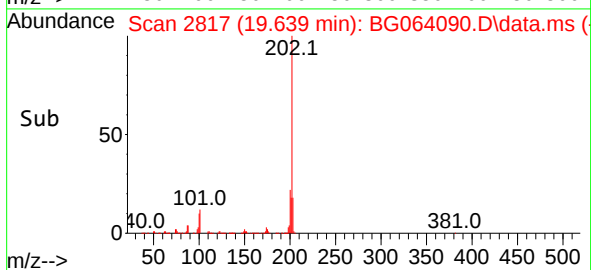
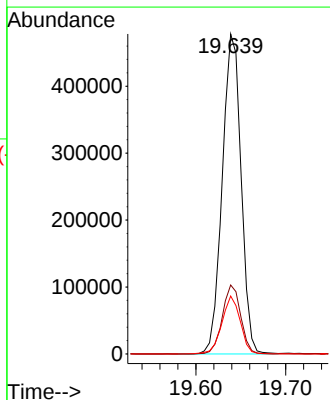
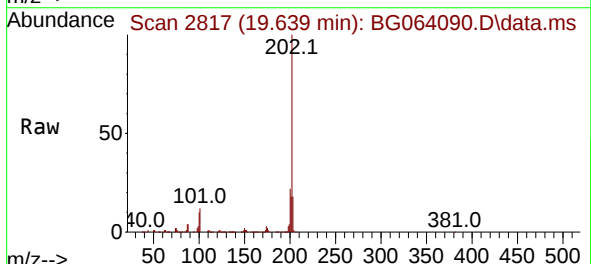
Manual Integrations
APPROVED

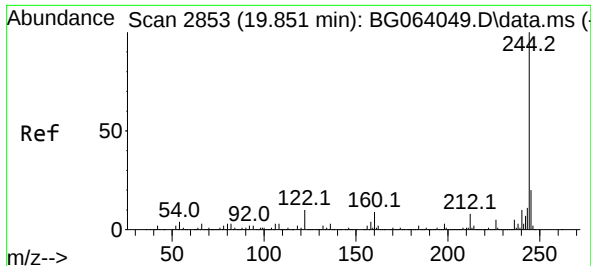
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#78
Pyrene
Concen: 47.183 ng
RT: 19.639 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

Tgt Ion:202 Resp: 695469
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.1 13.6 20.4





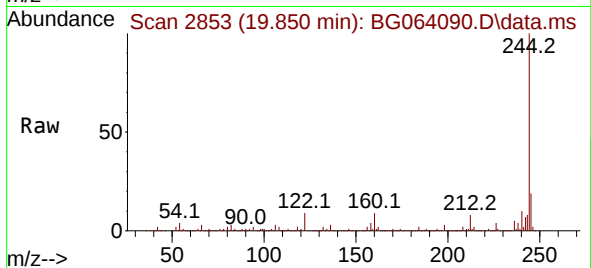
#79
 Terphenyl-d14
 Concen: 105.063 ng
 RT: 19.850 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BG064090.D
 Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

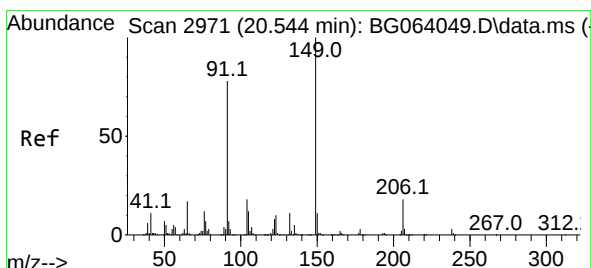
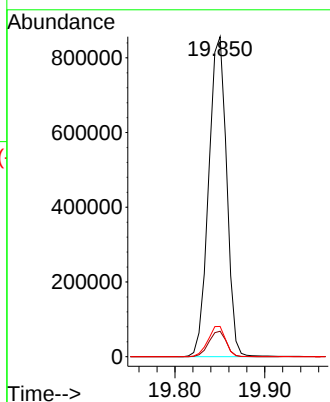
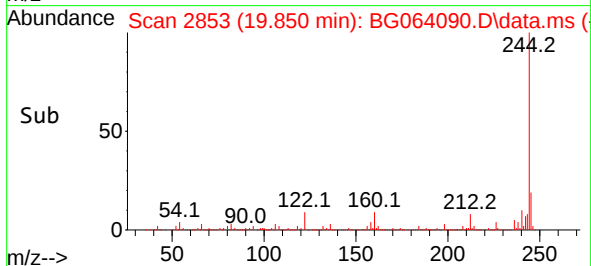


Tgt Ion:244 Resp: 1188109
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.5 8.0 12.0

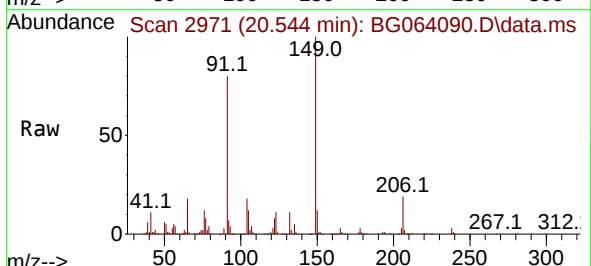
Manual Integrations

APPROVED

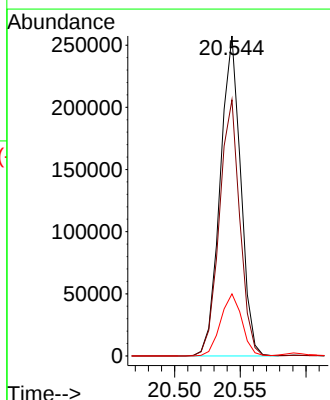
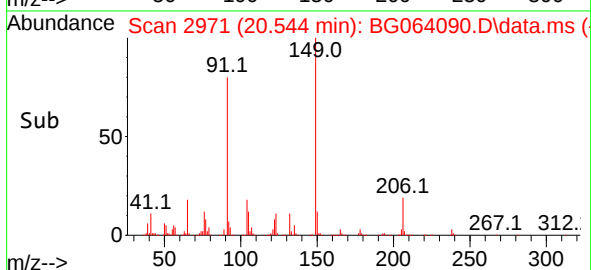
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

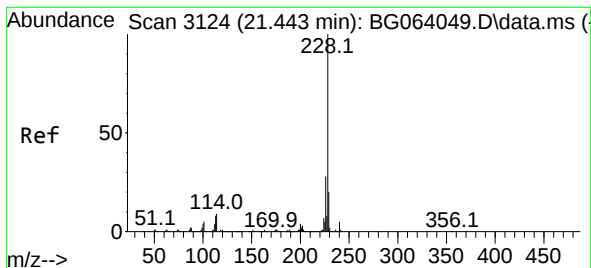


#80
 Butylbenzylphthalate
 Concen: 50.321 ng
 RT: 20.544 min Scan# 2971
 Delta R.T. -0.000 min
 Lab File: BG064090.D
 Acq: 11 Mar 2025 11:05



Tgt Ion:149 Resp: 279381
 Ion Ratio Lower Upper
 149 100
 91 80.0 62.0 93.0
 206 19.4 14.6 21.8





#81

Benzo(a)anthracene

Concen: 48.037 ng

RT: 21.443 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

Tgt Ion:228 Resp: 70361

Ion Ratio Lower Upper

228 100

226 26.1 22.2 33.2

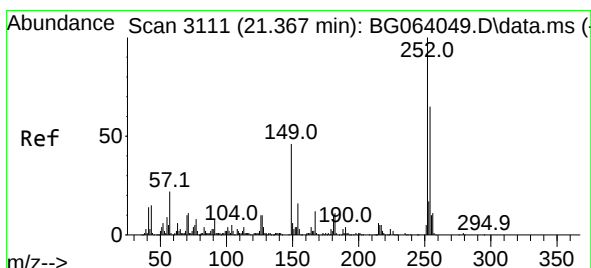
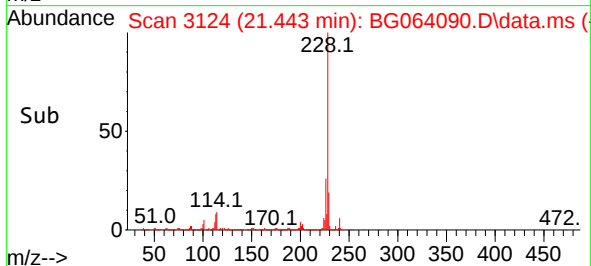
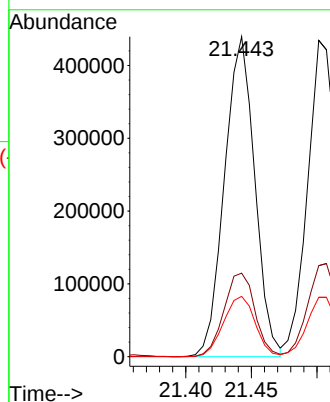
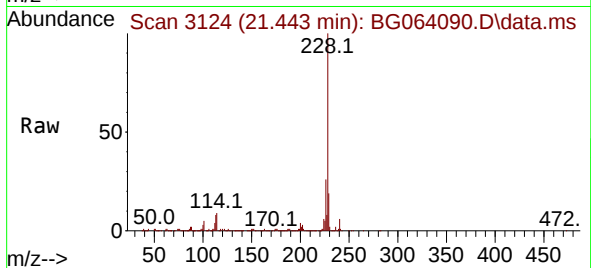
229 18.8 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#82

3,3'-Dichlorobenzidine

Concen: 30.876 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

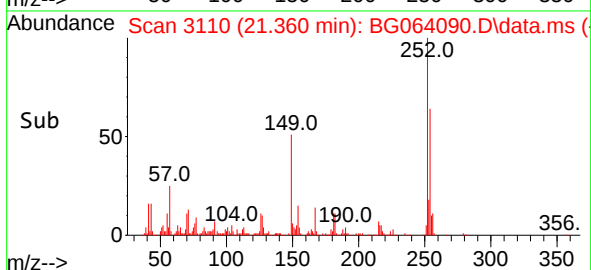
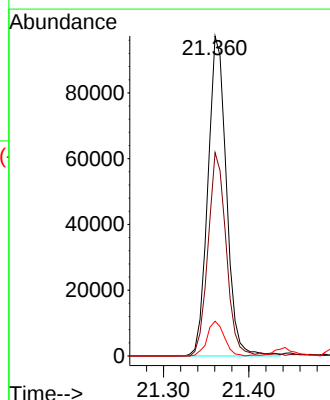
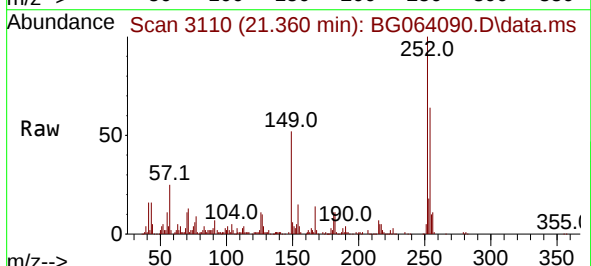
Tgt Ion:252 Resp: 146364

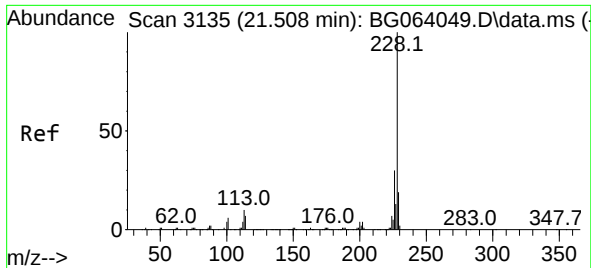
Ion Ratio Lower Upper

252 100

254 63.6 52.1 78.1

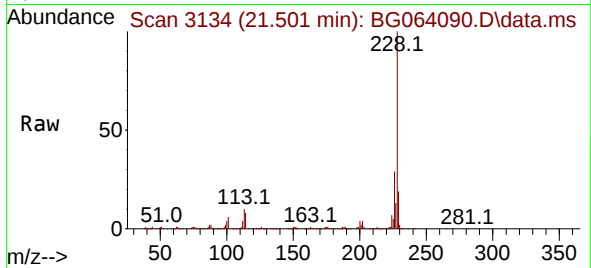
126 10.8 7.8 11.8





#83
Chrysene
Concen: 46.765 ng
RT: 21.501 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

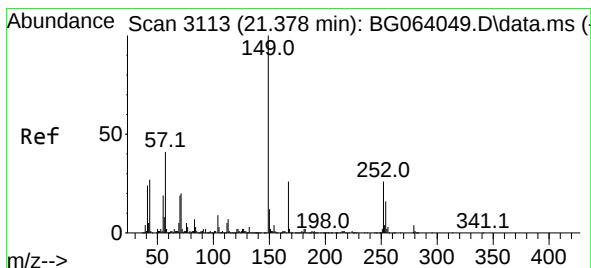
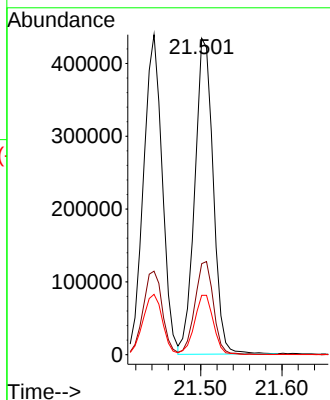
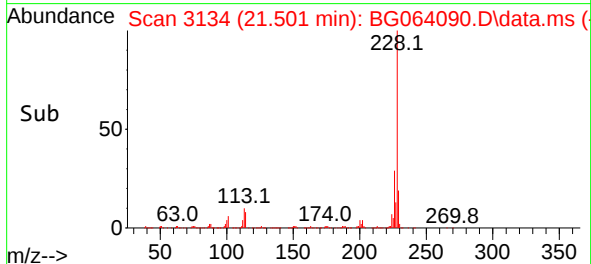
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:228 Resp: 683180
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 18.8 15.3 22.9

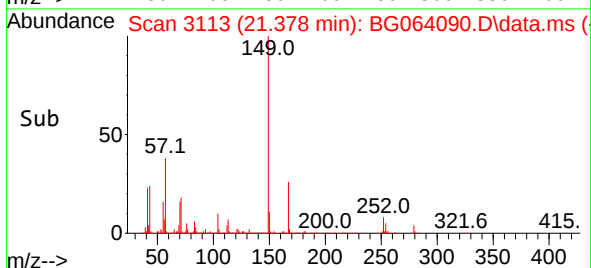
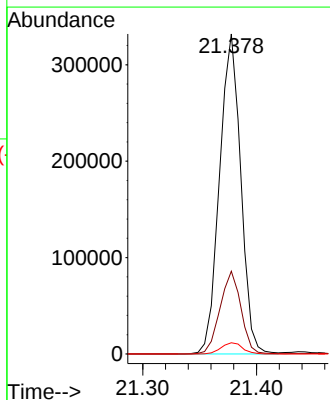
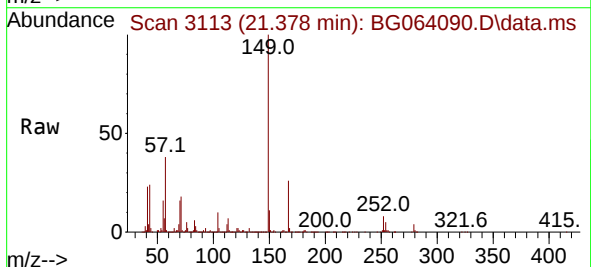
Manual Integrations
APPROVED

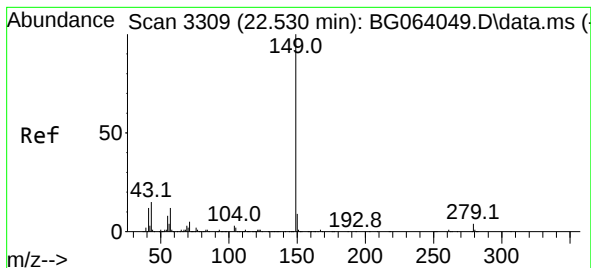
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.302 ng
RT: 21.378 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

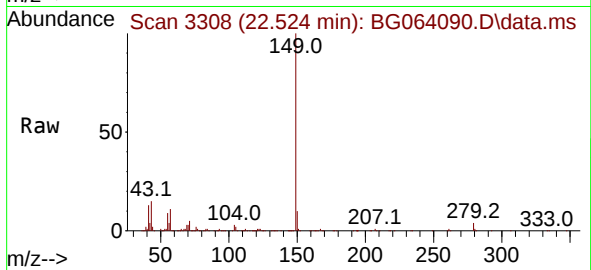
Tgt Ion:149 Resp: 430154
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.6
279 3.5 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 53.680 ng
RT: 22.524 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

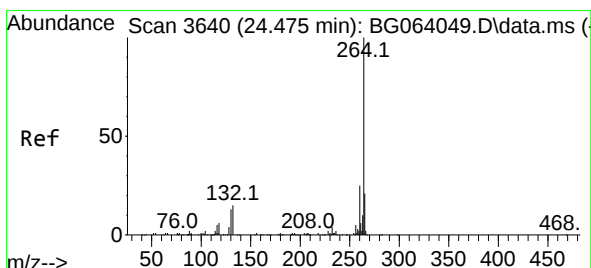
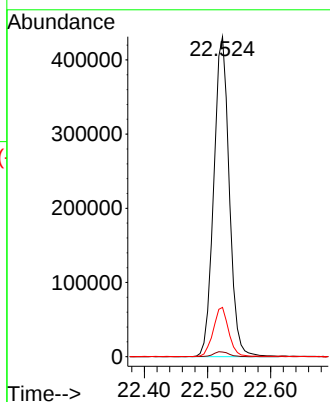
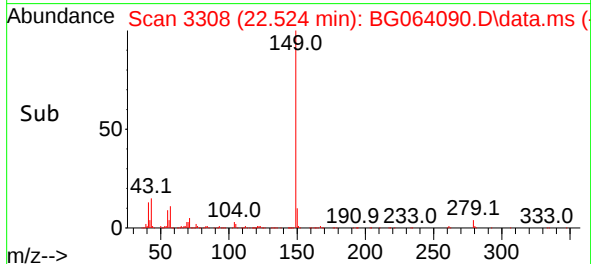
Instrument :
BNA_G
ClientSampleId :
PB167045BS



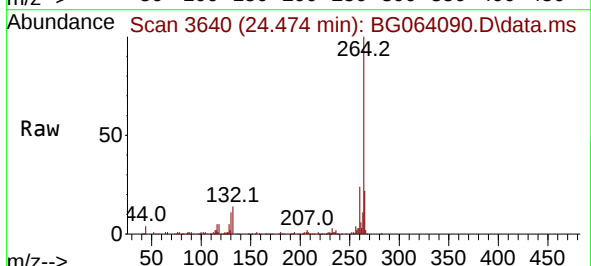
Tgt Ion:149 Resp: 733449
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.6 12.6 19.0

Manual Integrations
APPROVED

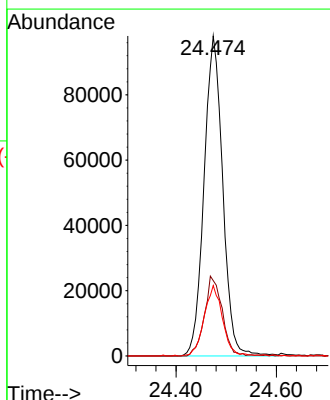
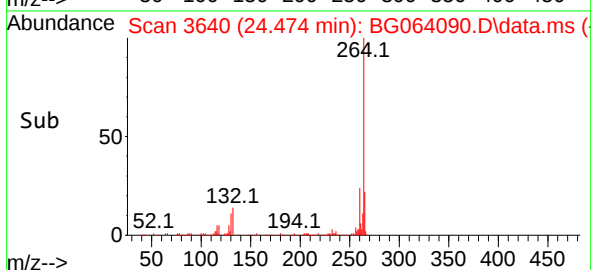
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

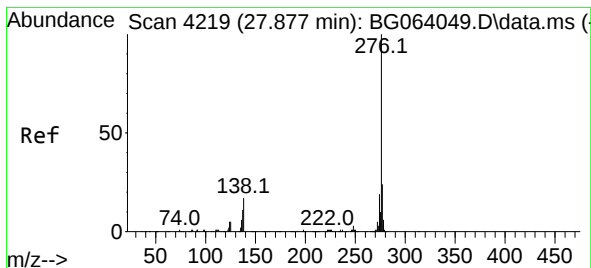


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3640
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:264 Resp: 253354
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.809 ng

RT: 27.876 min Scan# 4219

Delta R.T. -0.000 min

Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Instrument :

BNA_G

ClientSampleId :

PB167045BS

Tgt Ion:276 Resp: 827370

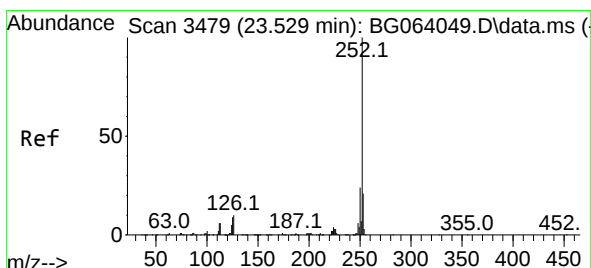
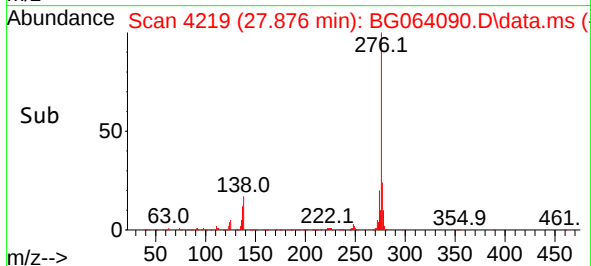
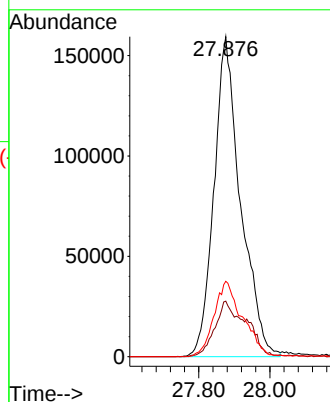
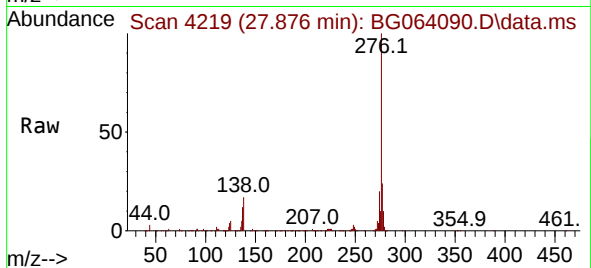
Ion	Ratio	Lower	Upper
276	100		
138	20.5	12.1	18.1
277	25.3	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#88

Benzo(b)fluoranthene

Concen: 45.565 ng

RT: 23.522 min Scan# 3478

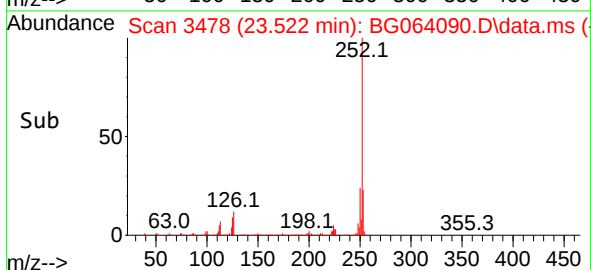
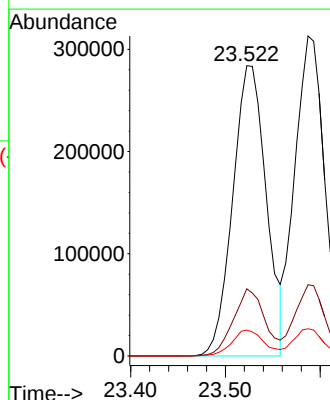
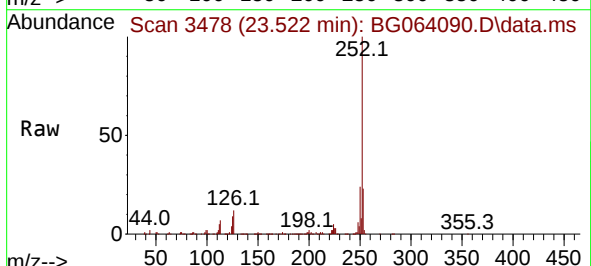
Delta R.T. -0.006 min

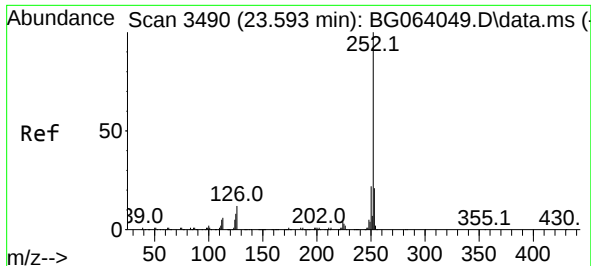
Lab File: BG064090.D

Acq: 11 Mar 2025 11:05

Tgt Ion:252 Resp: 697874

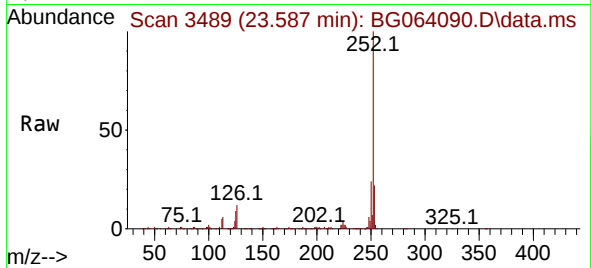
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	9.0	7.4	11.2





#89
Benzo(k)fluoranthene
Concen: 44.891 ng
RT: 23.587 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

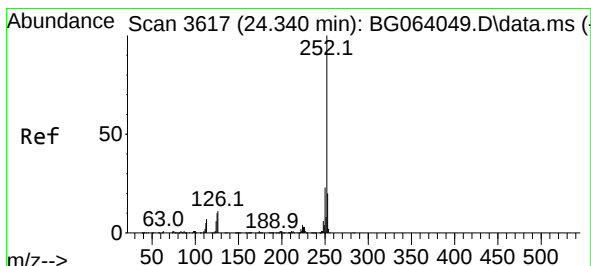
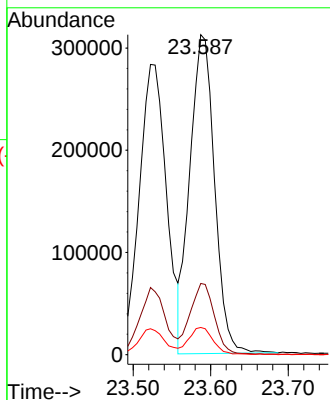
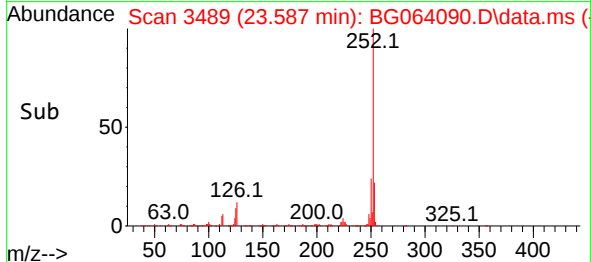
Instrument :
BNA_G
ClientSampleId :
PB167045BS



Tgt Ion:252 Resp: 689759
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 8.5 6.9 10.3

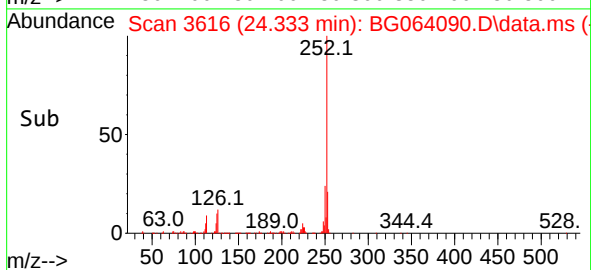
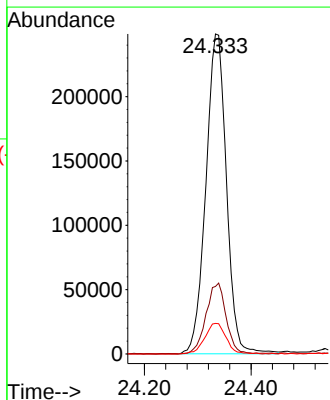
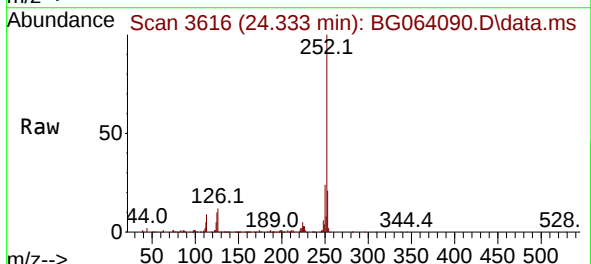
Manual Integrations
APPROVED

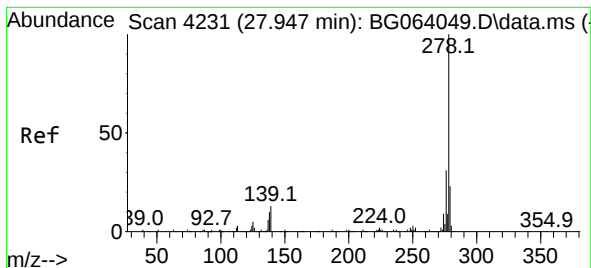
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#90
Benzo(a)pyrene
Concen: 48.743 ng
RT: 24.333 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

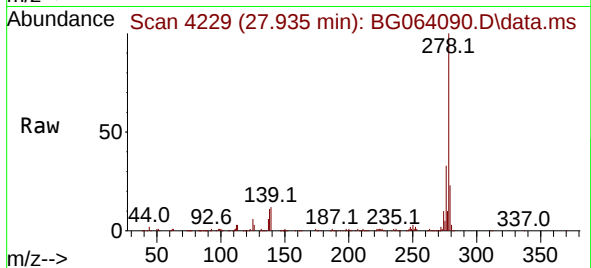
Tgt Ion:252 Resp: 664876
Ion Ratio Lower Upper
252 100
253 21.1 16.2 24.2
125 9.5 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 48.140 ng
RT: 27.935 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05

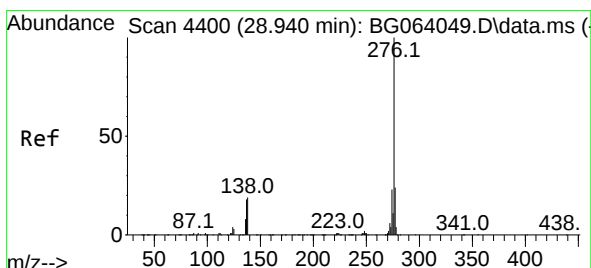
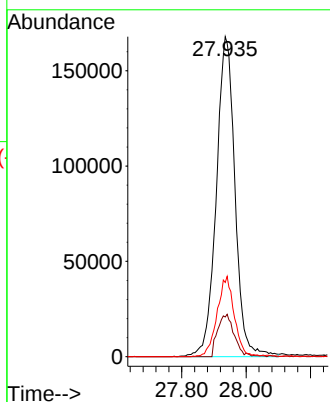
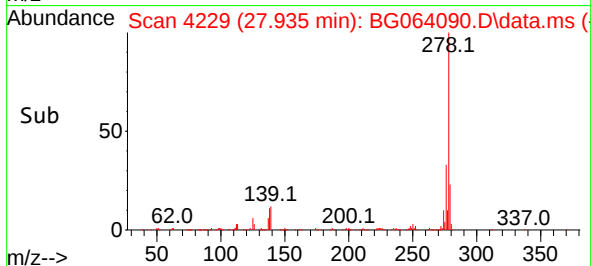
Instrument :
BNA_G
ClientSampleId :
PB167045BS



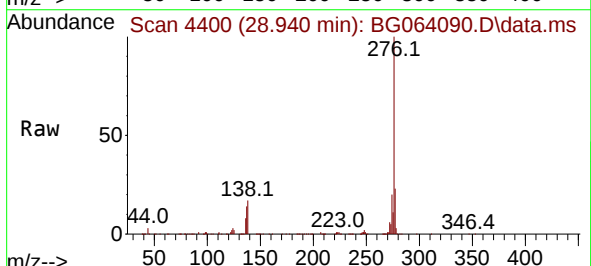
Tgt Ion:278 Resp: 676519
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.2
279 23.2 18.1 27.1

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.277 ng
RT: 28.940 min Scan# 4400
Delta R.T. -0.000 min
Lab File: BG064090.D
Acq: 11 Mar 2025 11:05



Tgt Ion:276 Resp: 638862
Ion Ratio Lower Upper
276 100
277 23.4 19.5 29.3
138 16.9 15.4 23.0

