

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064153.D
 Acq On : 2 Apr 2025 15:04
 Operator : RC/JU
 Sample : Q1674-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 15:46:38 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	7.861	152	38342	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	167471	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	114522	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	244937	20.000	ng	0.00
76) Chrysene-d12	21.457	240	236454	20.000	ng	0.00
86) Perylene-d12	24.465	264	257858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	241409	98.312	ng	0.00
7) Phenol-d6	7.033	99	313088	93.725	ng	0.00
23) Nitrobenzene-d5	9.013	82	211234	69.703	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	145546	114.334	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	508362	67.379	ng	0.00
79) Terphenyl-d14	19.841	244	815375	69.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	44411	39.907	ng	92
3) Pyridine	3.760	79	123282	45.551	ng	98
4) n-Nitrosodimethylamine	3.678	42	92144	47.652	ng	# 98
6) Aniline	7.191	93	124061	37.848	ng	97
8) 2-Chlorophenol	7.426	128	154082	58.424	ng	97
9) Benzaldehyde	6.997	77	100558	51.759	ng	99
10) Phenol	7.056	94	195181	57.068	ng	94
11) bis(2-Chloroethyl)ether	7.285	93	137568	51.306	ng	98
12) 1,3-Dichlorobenzene	7.749	146	159325	55.014	ng	97
13) 1,4-Dichlorobenzene	7.896	146	161740	54.486	ng	99
14) 1,2-Dichlorobenzene	8.208	146	157170	54.908	ng	99
15) Benzyl Alcohol	8.096	79	155223	60.132	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.384	45	319594m	53.008	ng	
17) 2-Methylphenol	8.302	107	135031	59.487	ng	96
18) Hexachloroethane	8.936	117	63781	61.411	ng	98
19) n-Nitroso-di-n-propyla...	8.666	70	120917	51.578	ng	98
20) 3+4-Methylphenols	8.625	107	187192	59.902	ng	94
22) Acetophenone	8.678	105	245311	53.425	ng	# 98
24) Nitrobenzene	9.054	77	181970	58.102	ng	93
25) Isophorone	9.577	82	339209	55.923	ng	96
26) 2-Nitrophenol	9.759	139	77374	65.914	ng	# 93
27) 2,4-Dimethylphenol	9.823	122	152266	83.737	ng	93
28) bis(2-Chloroethoxy)met...	10.058	93	198860	54.075	ng	100
29) 2,4-Dichlorophenol	10.293	162	142052	61.866	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	158833	57.303	ng	98
31) Naphthalene	10.699	128	490679	54.336	ng	99
32) Benzoic acid	9.982	122	110625	62.946	ng	93
33) 4-Chloroaniline	10.799	127	59451	18.012	ng	98
34) Hexachlorobutadiene	10.987	225	105307	57.962	ng	97
35) Caprolactam	11.574	113	49637m	56.412	ng	
36) 4-Chloro-3-methylphenol	11.927	107	180085	59.834	ng	97
37) 2-Methylnaphthalene	12.309	142	316004	49.568	ng	98
38) 1-Methylnaphthalene	12.526	142	340240	54.475	ng	99
40) 1,2,4,5-Tetrachloroben...	12.673	216	190314	58.209	ng	# 98
41) Hexachlorocyclopentadiene	12.661	237	235498	255.917	ng	95
43) 2,4,6-Trichlorophenol	12.914	196	127064	65.940	ng	96

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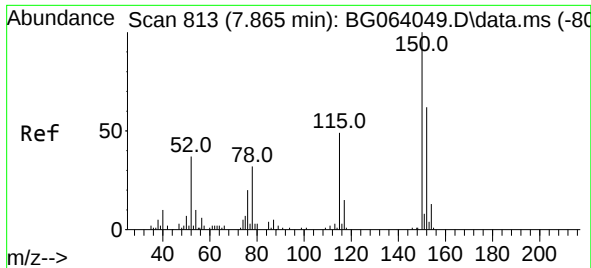
Manual Integrations
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Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 15:46:38 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	142024	66.332	ng	97
46) 1,1'-Biphenyl	13.319	154	484040	55.944	ng	99
47) 2-Chloronaphthalene	13.360	162	360543	57.135	ng	98
48) 2-Nitroaniline	13.554	65	131619	59.863	ng	98
49) Acenaphthylene	14.207	152	592164	59.328	ng	100
50) Dimethylphthalate	13.942	163	448958	53.108	ng	100
51) 2,6-Dinitrotoluene	14.060	165	96626	55.757	ng	98
52) Acenaphthene	14.547	154	358562	53.529	ng	98
53) 3-Nitroaniline	14.383	138	54295	33.231	ng	96
54) 2,4-Dinitrophenol	14.588	184	103384	138.219	ng	# 78
55) Dibenzofuran	14.882	168	560770	51.677	ng	99
56) 4-Nitrophenol	14.694	139	173544	126.649	ng	89
57) 2,4-Dinitrotoluene	14.841	165	144145	59.932	ng	# 98
58) Fluorene	15.529	166	448848	53.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	127423	61.045	ng	95
60) Diethylphthalate	15.311	149	471124	51.336	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	219324	52.220	ng	92
62) 4-Nitroaniline	15.546	138	99588	56.456	ng	92
63) Azobenzene	15.816	77	524354	53.543	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	78446	69.682	ng	98
66) n-Nitrosodiphenylamine	15.740	169	402648	58.075	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	147147	58.657	ng	95
68) Hexachlorobenzene	16.533	284	163005	58.040	ng	95
69) Atrazine	16.686	200	159307	78.093	ng	94
70) Pentachlorophenol	16.874	266	215854	123.786	ng	96
71) Phenanthrene	17.268	178	745650	57.075	ng	99
72) Anthracene	17.356	178	745757	57.407	ng	99
73) Carbazole	17.626	167	679688	56.039	ng	98
74) Di-n-butylphthalate	18.196	149	819719	57.415	ng	100
75) Fluoranthene	19.277	202	898046	57.018	ng	95
77) Benzidine	19.453	184	254695	77.788	ng	98
78) Pyrene	19.635	202	894364	58.676	ng	99
80) Butylbenzylphthalate	20.534	149	365844	62.754	ng	97
81) Benzo(a)anthracene	21.439	228	901217	59.500	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	141189	28.803	ng	99
83) Chrysene	21.498	228	850879	56.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	530778	64.796	ng	99
85) Di-n-octyl phthalate	22.509	149	920398	65.142	ng	97
87) Indeno(1,2,3-cd)pyrene	27.867	276	1057670	61.304	ng	# 97
88) Benzo(b)fluoranthene	23.519	252	897317	57.563	ng	99
89) Benzo(k)fluoranthene	23.584	252	884078	56.532	ng	99
90) Benzo(a)pyrene	24.330	252	843485	60.757	ng	97
91) Dibenzo(a,h)anthracene	27.920	278	855387	59.804	ng	99
92) Benzo(g,h,i)perylene	28.925	276	852528	58.053	ng	97

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



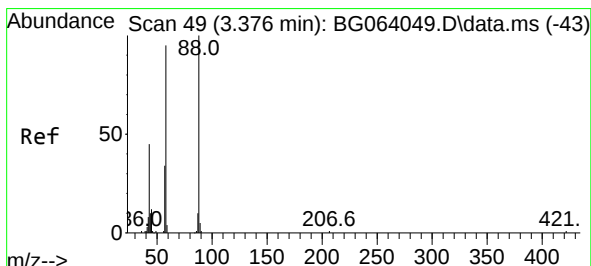
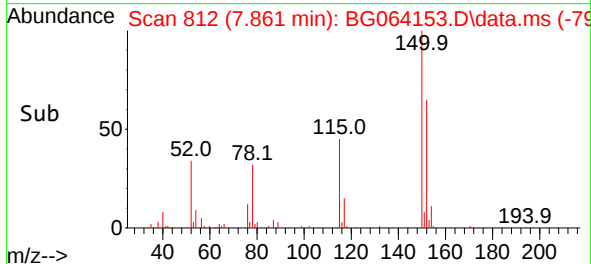
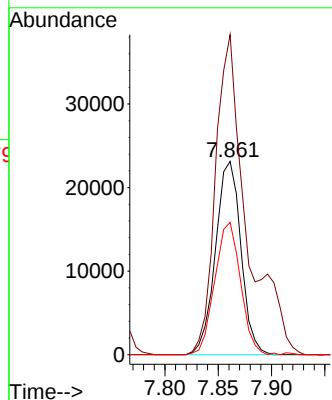
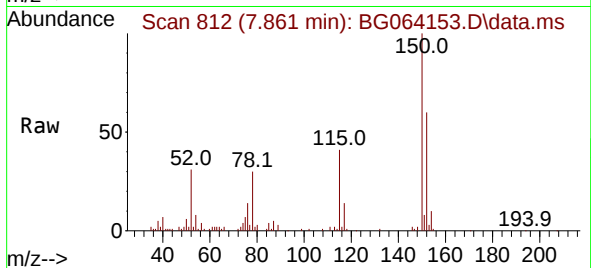
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :
BNA_G
ClientSampleId :
RT5358MS

Tgt Ion:152 Resp: 3834
Ion Ratio Lower Upper
152 100
150 165.6 129.2 193.8
115 68.5 63.0 94.6

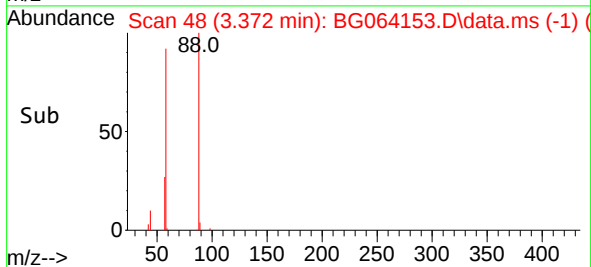
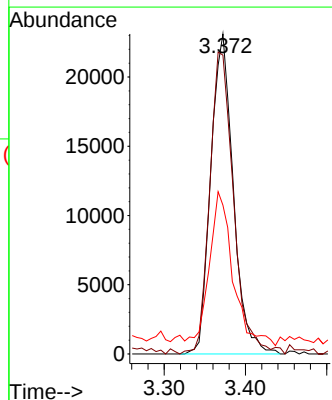
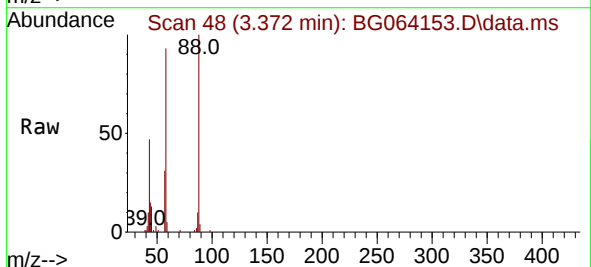
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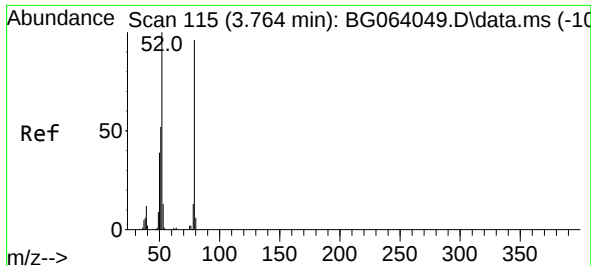
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#2
1,4-Dioxane
Concen: 39.907 ng
RT: 3.372 min Scan# 48
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

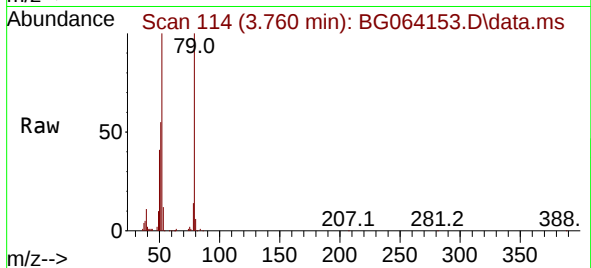
Tgt Ion: 88 Resp: 44411
Ion Ratio Lower Upper
88 100
58 100.0 74.6 111.8
43 50.5 35.5 53.3





#3
Pyridine
Concen: 45.551 ng
RT: 3.760 min Scan# 115
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

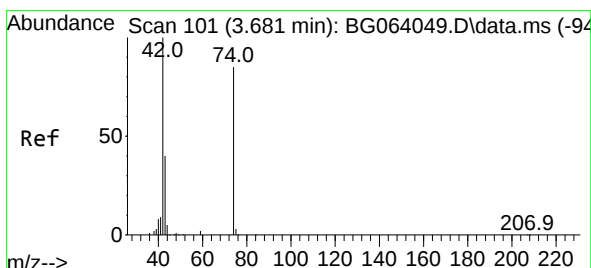
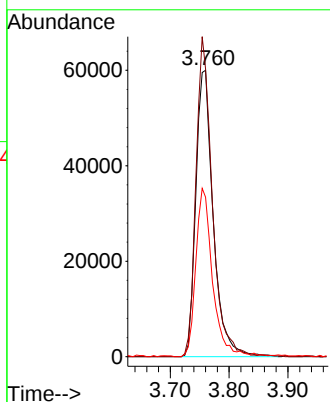
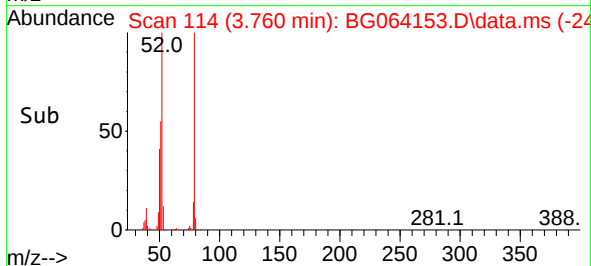
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion: 79 Resp: 12328
Ion Ratio Lower Upper
79 100
52 100.5 83.0 124.6
51 55.7 44.3 66.5

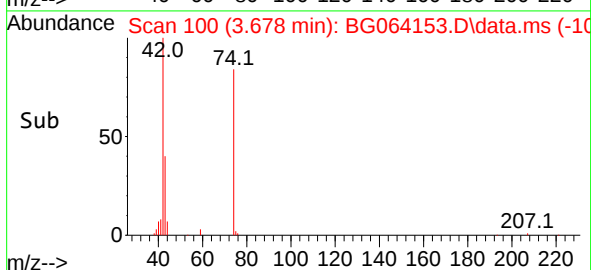
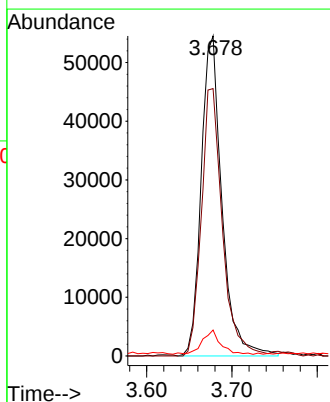
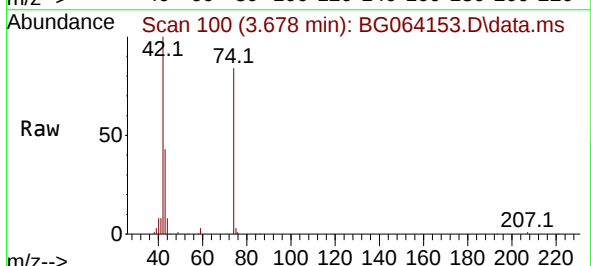
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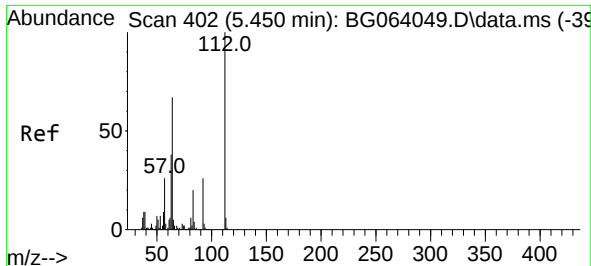
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#4
n-Nitrosodimethylamine
Concen: 47.652 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

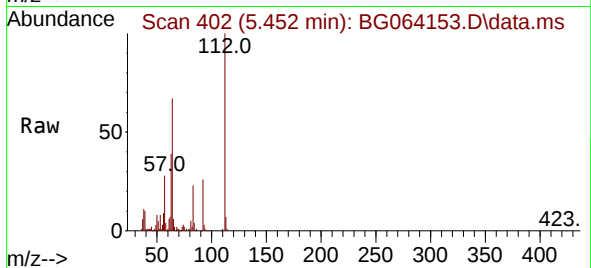
Tgt Ion: 42 Resp: 92144
Ion Ratio Lower Upper
42 100
74 83.5 68.0 102.0
44 8.1 4.9 7.3





#5
2-Fluorophenol
Concen: 98.312 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

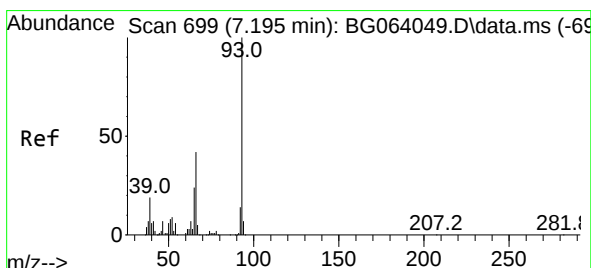
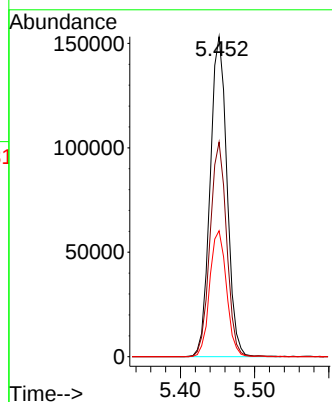
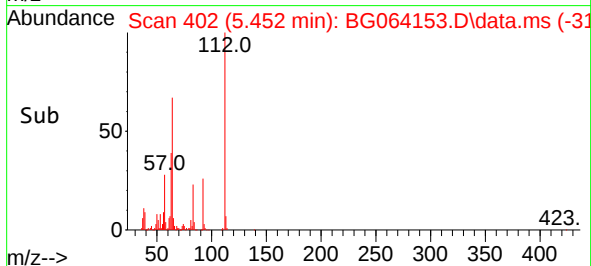
Instrument :
BNA_G
ClientSampleId :
RT5358MS



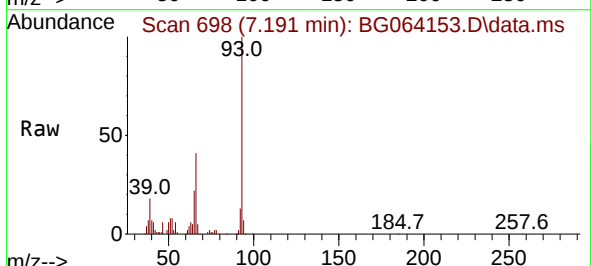
Tgt Ion:112 Resp: 241409
Ion Ratio Lower Upper
112 100
64 67.1 53.7 80.5
63 39.4 30.2 45.4

Manual Integrations
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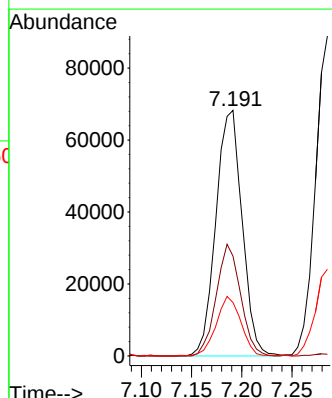
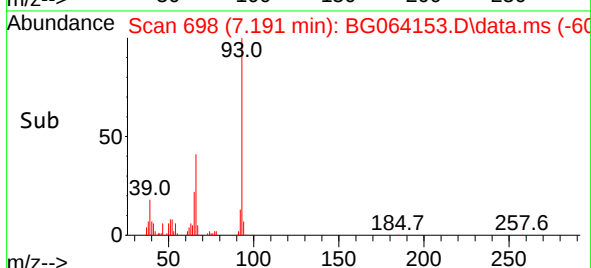
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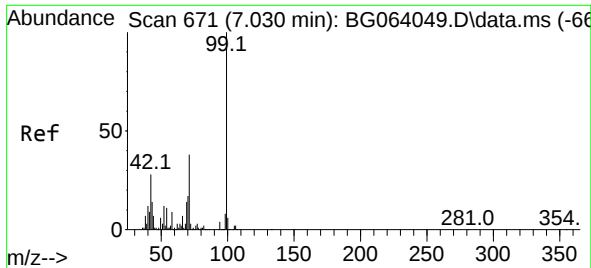


#6
Aniline
Concen: 37.848 ng
RT: 7.191 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



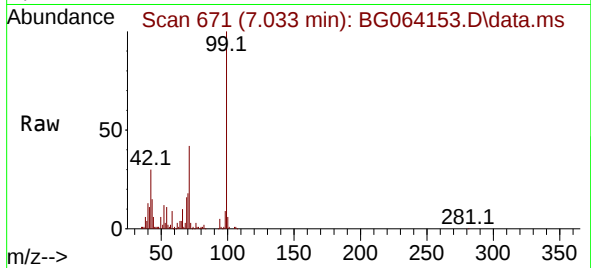
Tgt Ion: 93 Resp: 124061
Ion Ratio Lower Upper
93 100
66 40.6 33.7 50.5
65 21.8 19.1 28.7





#7
Phenol-d6
Concen: 93.725 ng
RT: 7.033 min Scan# 671
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

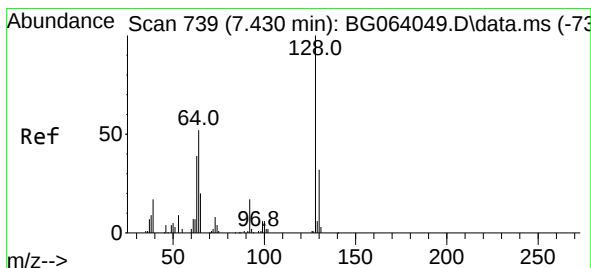
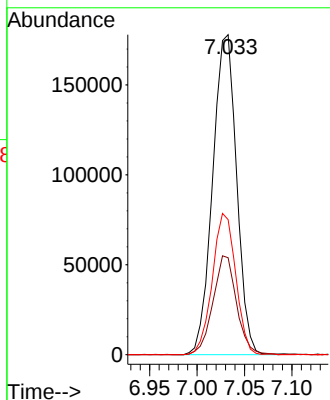
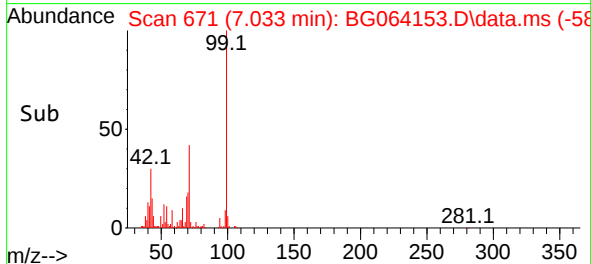
Instrument :
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Tgt Ion: 99 Resp: 313088
Ion Ratio Lower Upper
99 100
42 30.3 22.7 34.1
71 42.2 30.6 46.0

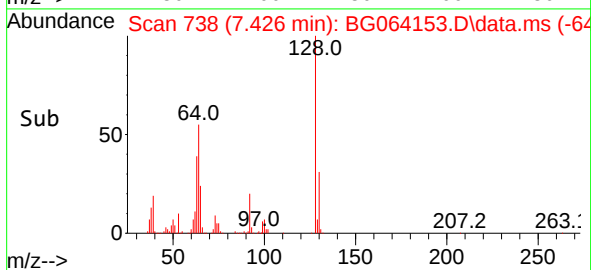
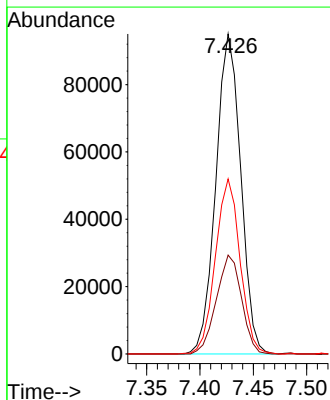
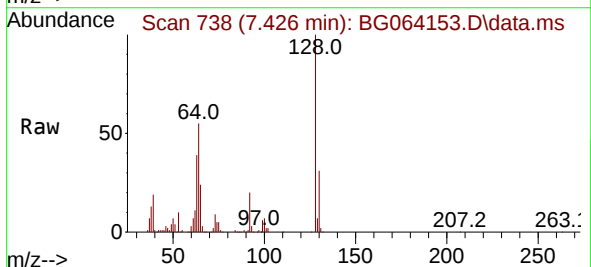
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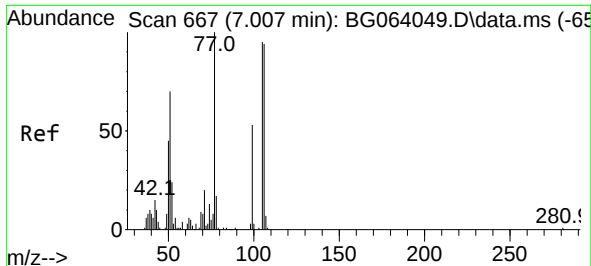
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#8
2-Chlorophenol
Concen: 58.424 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

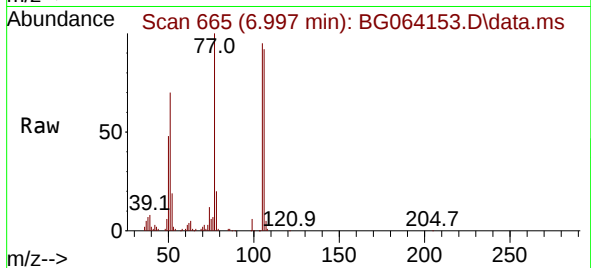
Tgt Ion:128 Resp: 154082
Ion Ratio Lower Upper
128 100
130 30.9 12.3 52.3
64 54.7 37.0 77.0





#9
Benzaldehyde
Concen: 51.759 ng
RT: 6.997 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

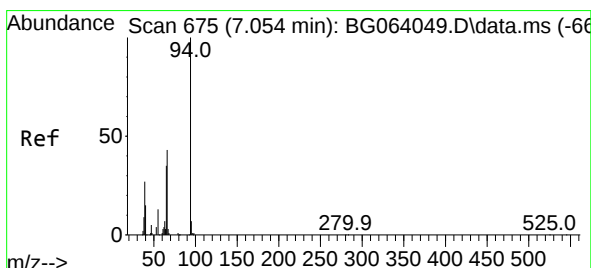
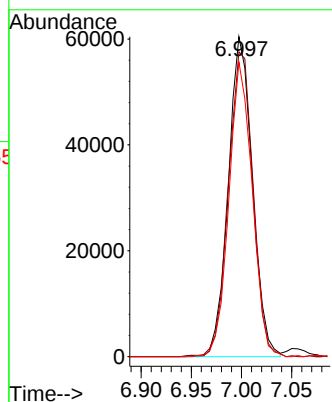
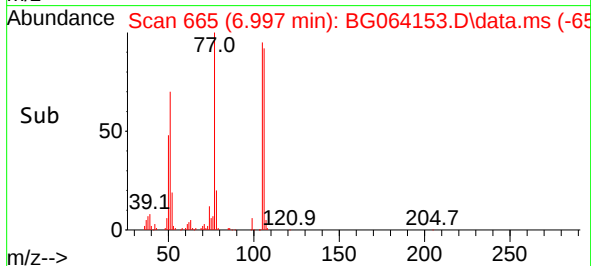
Instrument :
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RT5358MS



Tgt Ion: 77 Resp: 100558
Ion Ratio Lower Upper
77 100
105 95.2 75.5 115.5
106 92.0 74.2 114.2

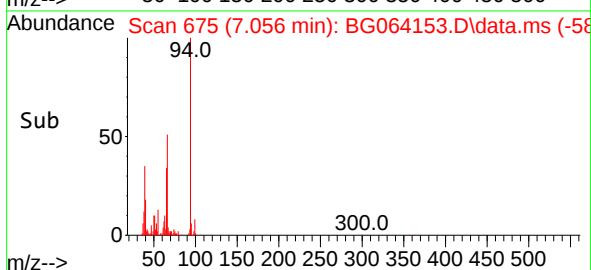
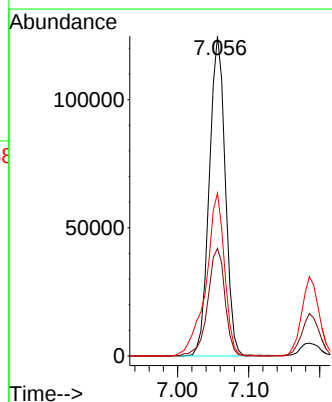
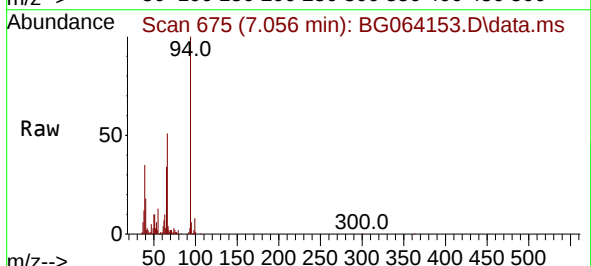
Manual Integrations
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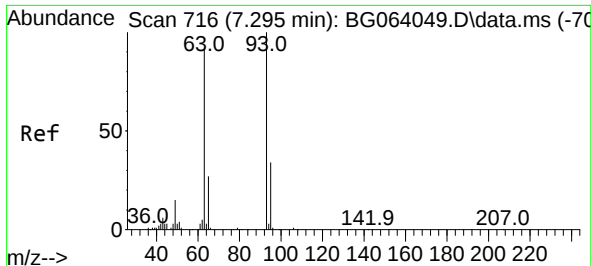
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#10
Phenol
Concen: 57.068 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

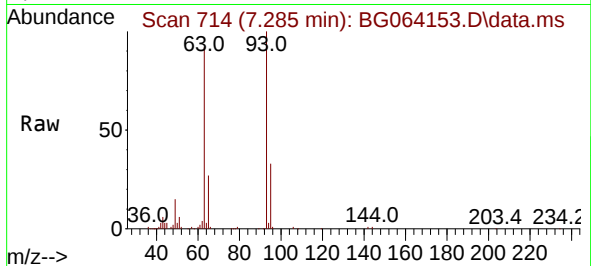
Tgt Ion: 94 Resp: 195181
Ion Ratio Lower Upper
94 100
65 33.6 15.2 55.2
66 50.8 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 51.306 ng
RT: 7.285 min Scan# 716
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

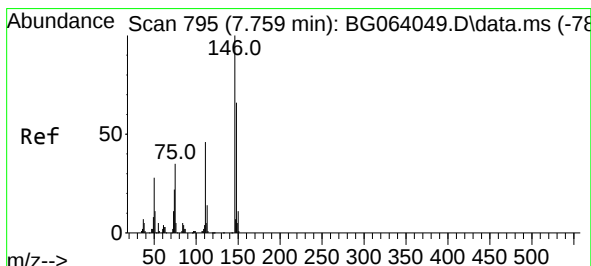
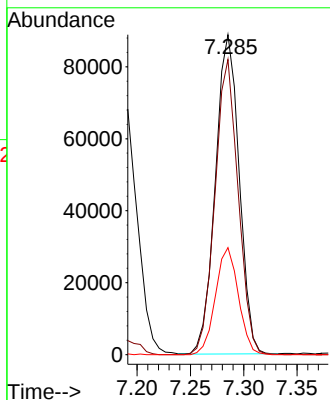
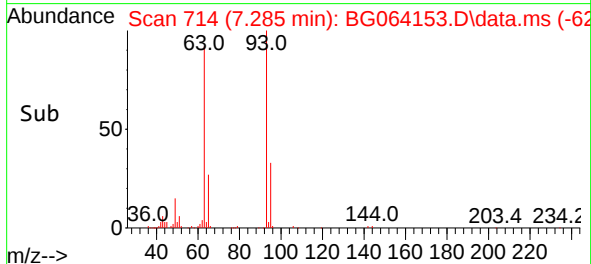
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion: 93 Resp: 137568
Ion Ratio Lower Upper
93 100
63 92.3 70.0 110.0
95 33.5 13.7 53.7

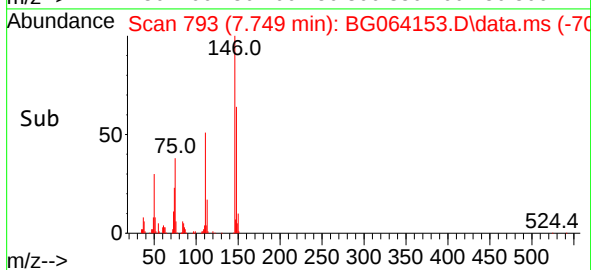
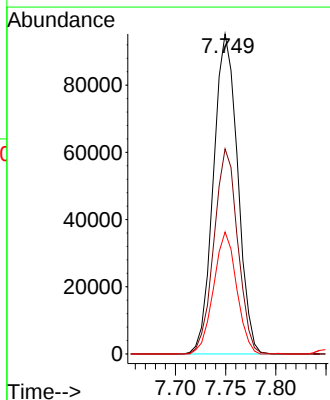
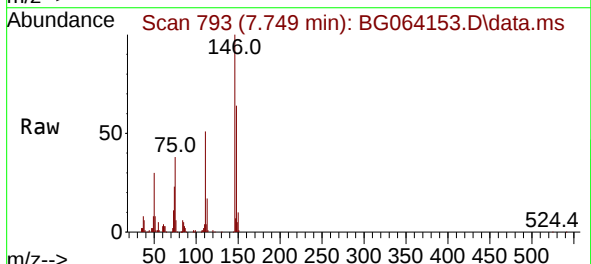
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#12
1,3-Dichlorobenzene
Concen: 55.014 ng
RT: 7.749 min Scan# 793
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

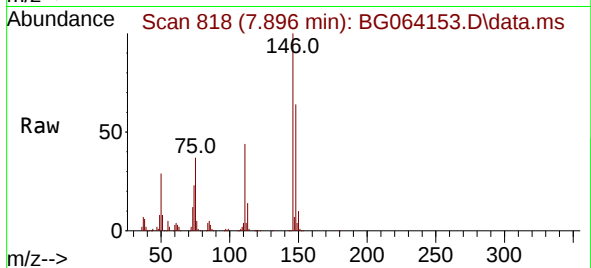
Tgt Ion:146 Resp: 159325
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
75 38.1 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 54.486 ng
RT: 7.896 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

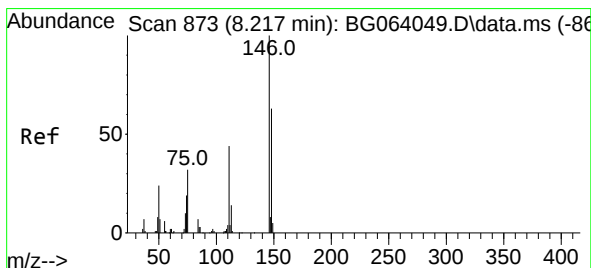
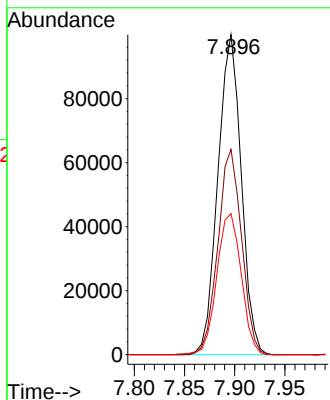
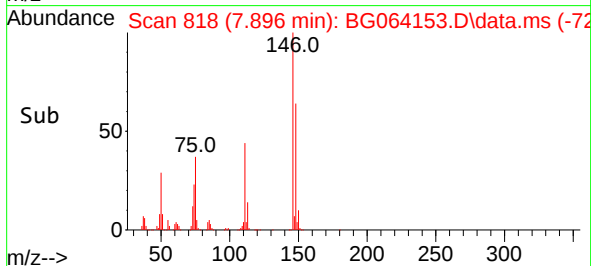
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:146 Resp: 161740
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 44.1 35.1 52.7

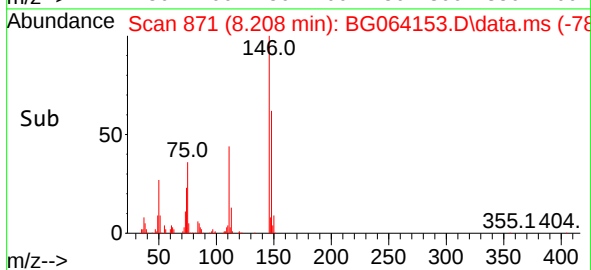
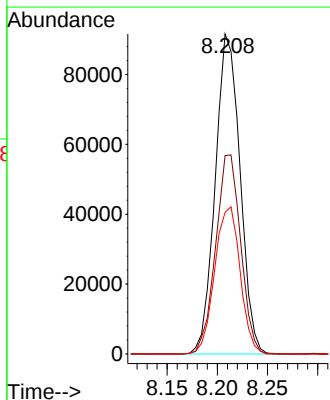
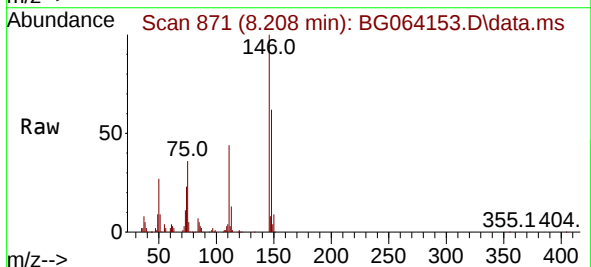
Manual Integrations
APPROVED

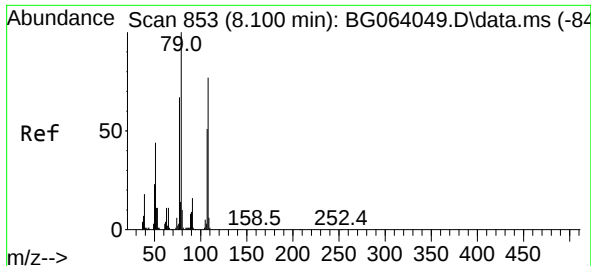
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#14
1,2-Dichlorobenzene
Concen: 54.908 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

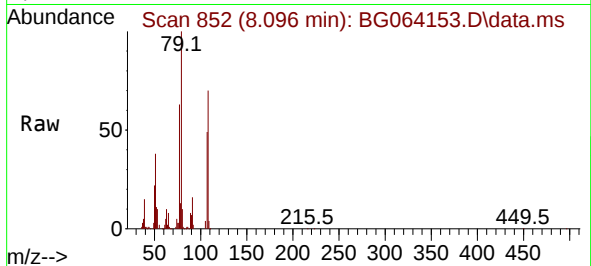
Tgt Ion:146 Resp: 157170
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.2
111 44.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 60.132 ng
RT: 8.096 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

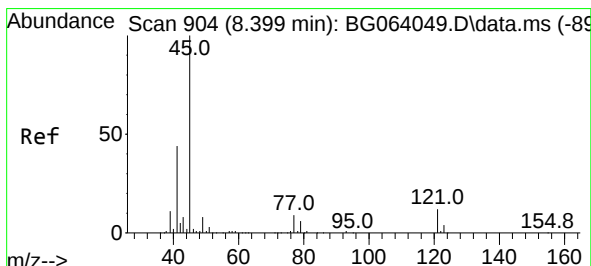
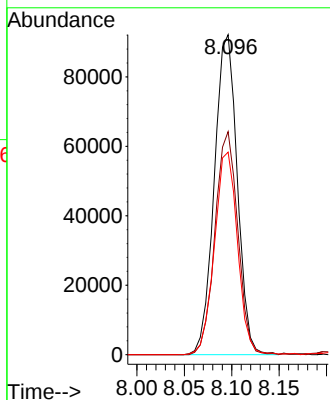
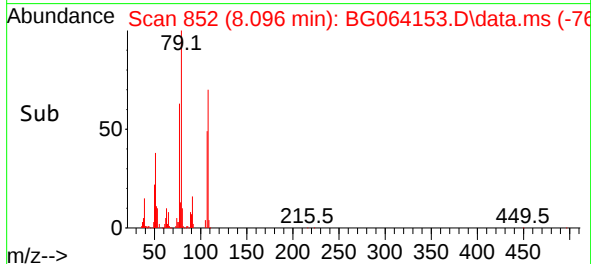
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion: 79 Resp: 15522
Ion Ratio Lower Upper
79 100
108 69.7 61.7 92.5
77 63.3 53.9 80.9

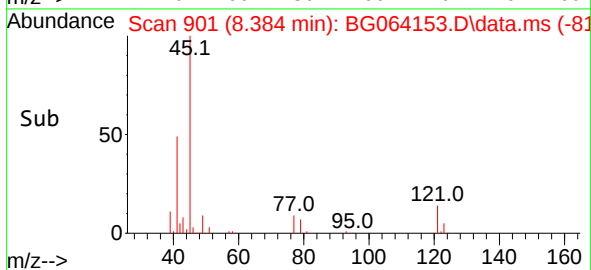
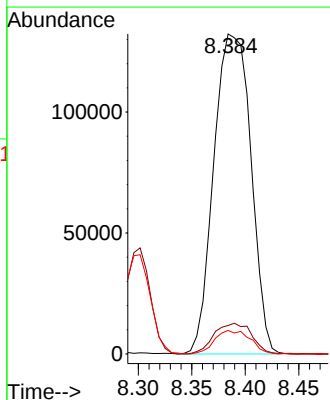
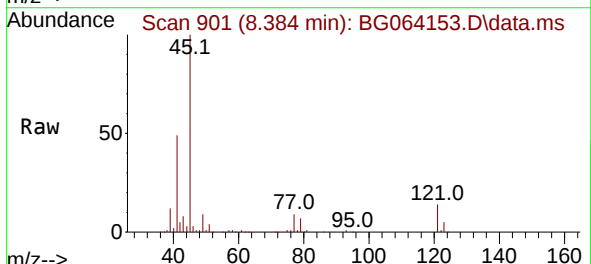
Manual Integrations
APPROVED

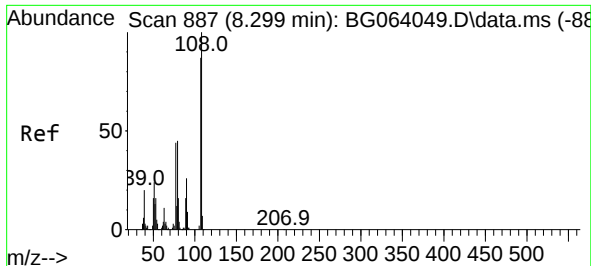
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.008 ng m
RT: 8.384 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

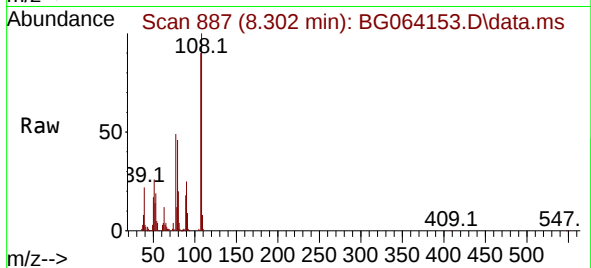
Tgt Ion: 45 Resp: 319594
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 7.3 0.0 26.6





#17
2-Methylphenol
Concen: 59.487 ng
RT: 8.302 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :
BNA_G
ClientSampleId :
RT5358MS

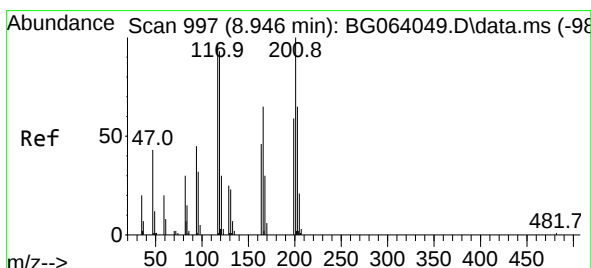
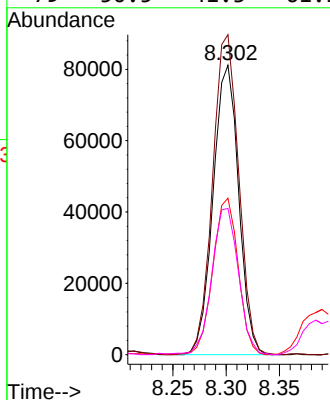
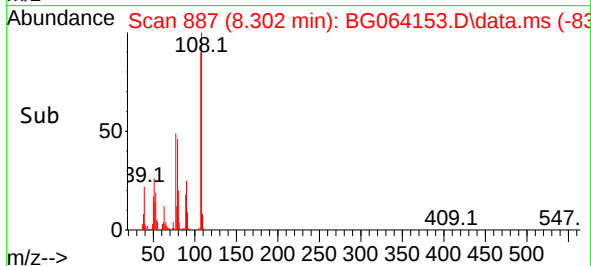


Tgt Ion:107 Resp: 13503

Ion	Ratio	Lower	Upper
107	100		
108	110.5	92.5	138.7
77	54.1	40.5	60.7
79	50.5	41.3	61.9

Manual Integrations
APPROVED

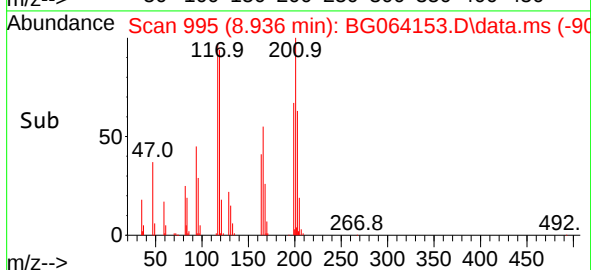
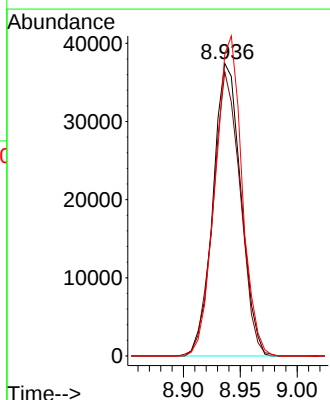
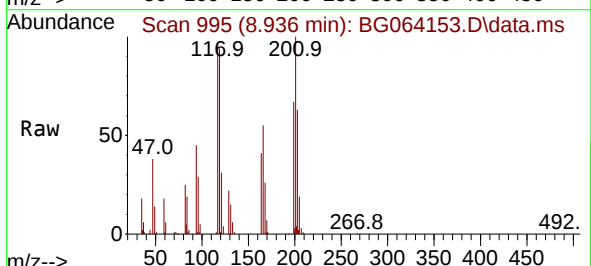
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

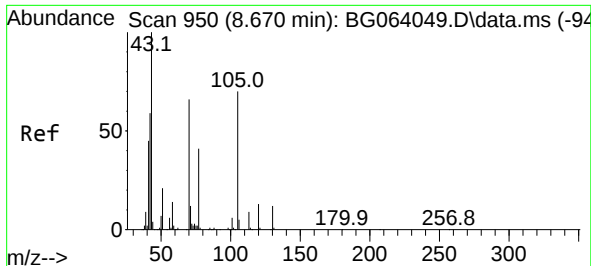


#18
Hexachloroethane
Concen: 61.411 ng
RT: 8.936 min Scan# 995
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:117 Resp: 63781

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.2
201	103.1	81.5	122.3





#19

n-Nitroso-di-n-propylamine

Concen: 51.578 ng

RT: 8.666 min Scan# 949

Delta R.T. -0.004 min

Lab File: BG064153.D

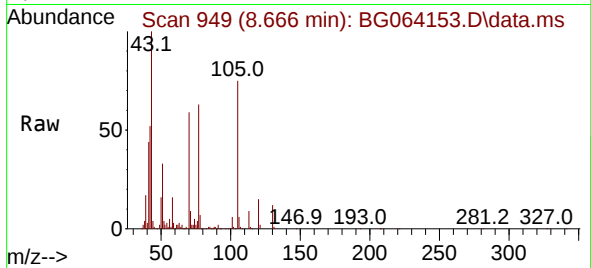
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS



Tgt Ion: 70 Resp: 12091

Ion Ratio Lower Upper

70 100

42 88.7 72.1 108.1

101 10.1 7.2 10.8

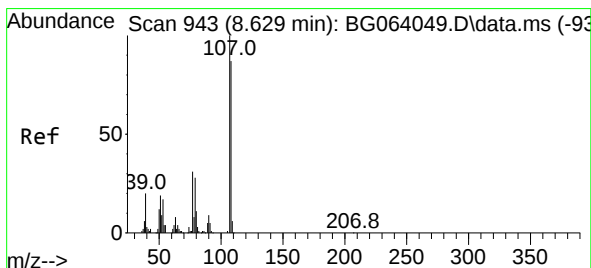
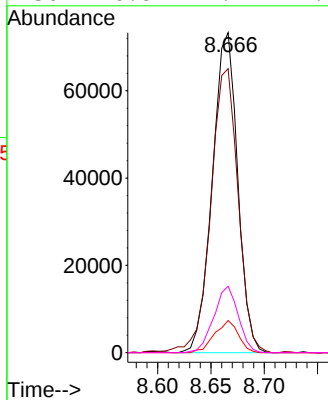
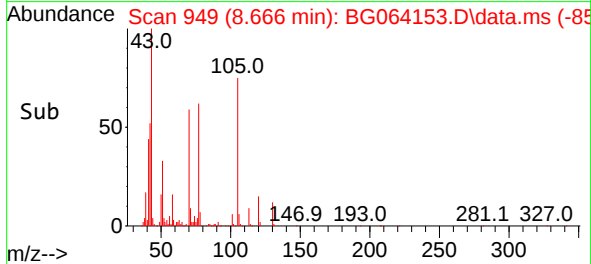
130 20.8 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#20

3+4-Methylphenols

Concen: 59.902 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Tgt Ion:107 Resp: 187192

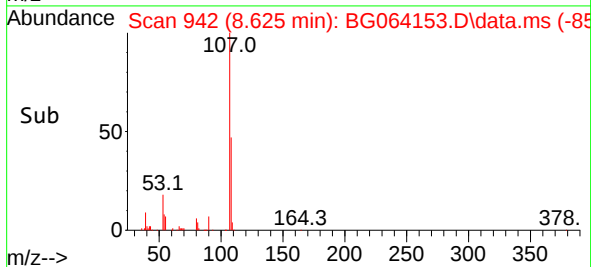
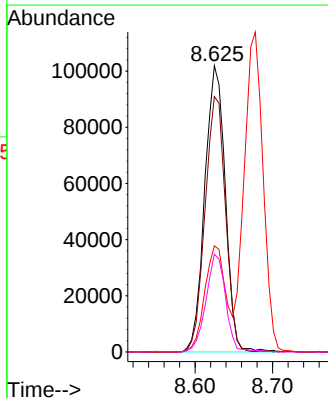
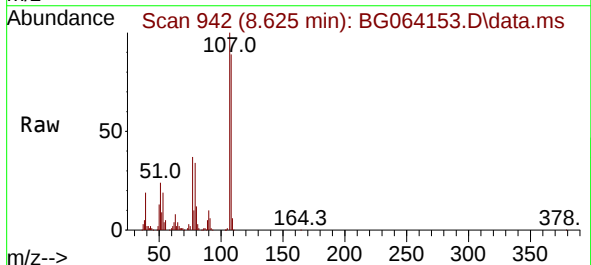
Ion Ratio Lower Upper

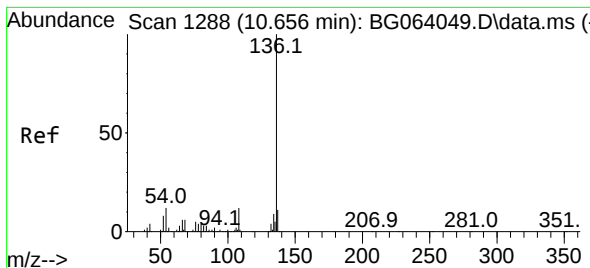
107 100

108 89.2 67.0 107.0

77 37.0 11.2 51.2

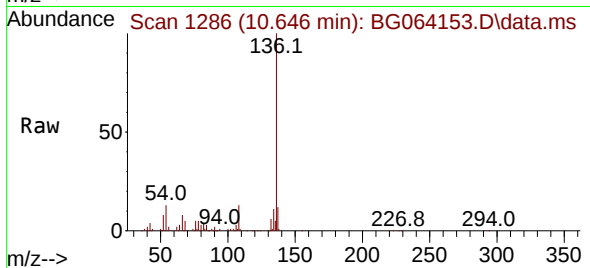
79 34.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

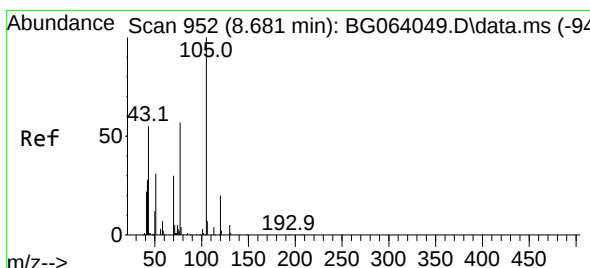
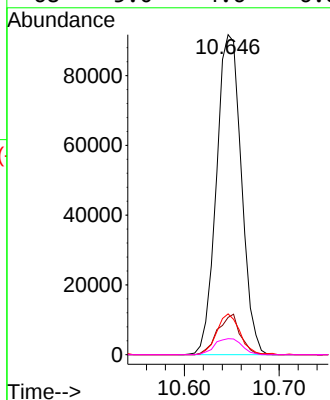
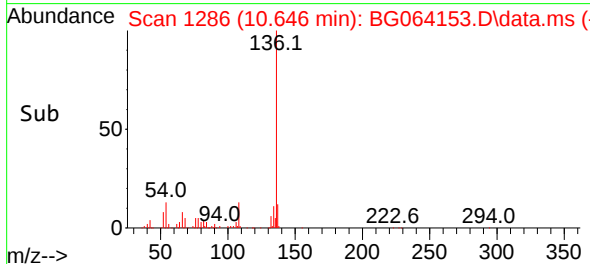
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:136 Resp: 16747
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 12.7 9.9 14.9
68 5.0 4.6 6.8

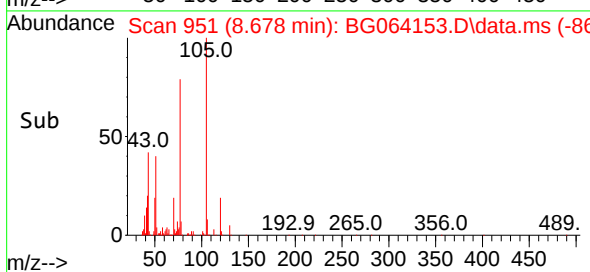
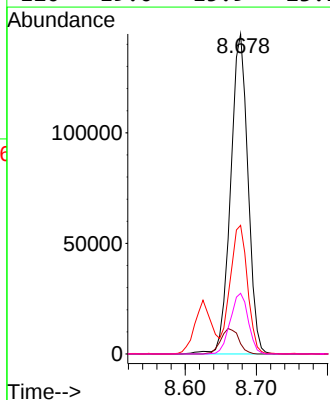
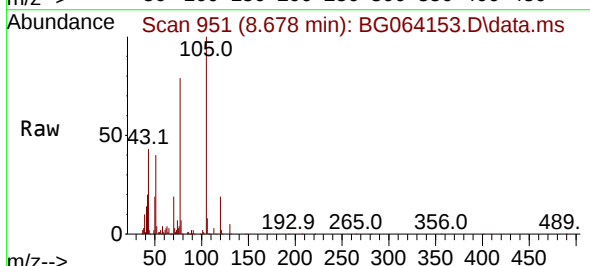
Manual Integrations
APPROVED

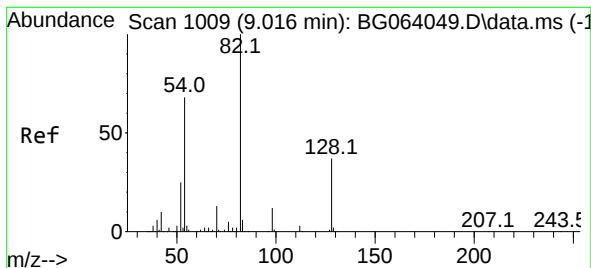
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#22
Acetophenone
Concen: 53.425 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:105 Resp: 245311
Ion Ratio Lower Upper
105 100
71 3.2 4.2 6.4#
51 40.2 33.3 49.9
120 19.0 15.9 23.9





#23

Nitrobenzene-d5

Concen: 69.703 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS

Tgt Ion: 82 Resp: 211234

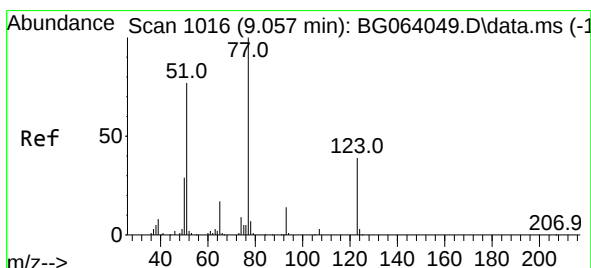
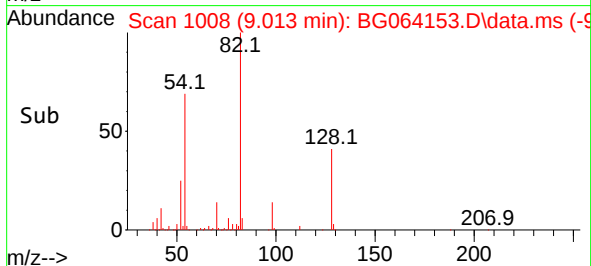
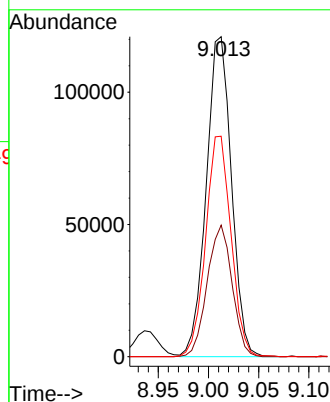
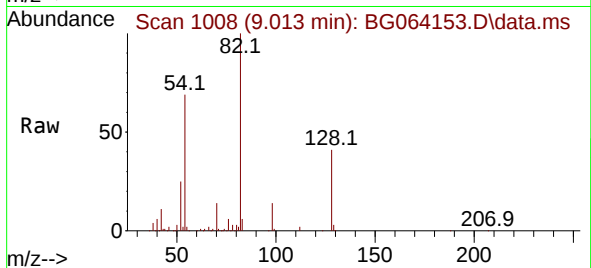
Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.0	45.0
54	68.9	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#24

Nitrobenzene

Concen: 58.102 ng

RT: 9.054 min Scan# 1015

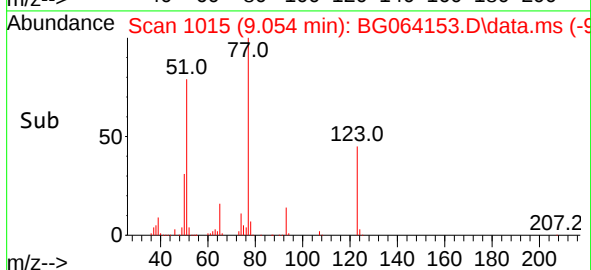
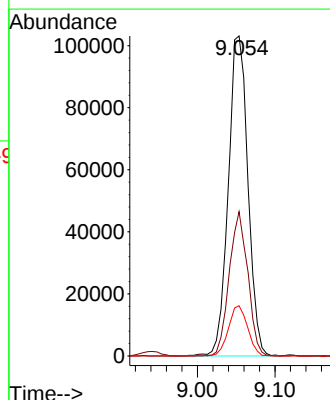
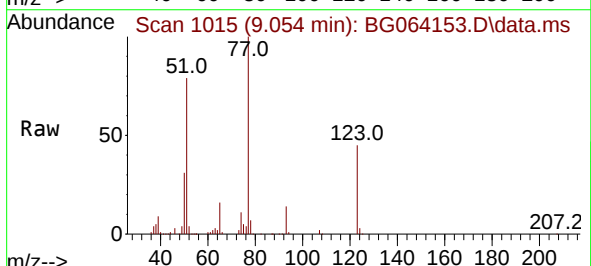
Delta R.T. -0.004 min

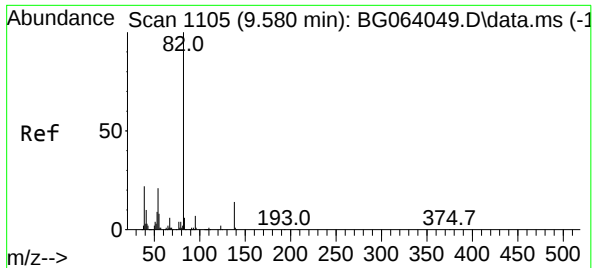
Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Tgt Ion: 77 Resp: 181970

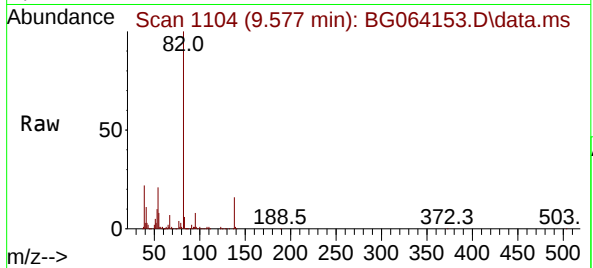
Ion	Ratio	Lower	Upper
77	100		
123	45.1	31.4	47.2
65	15.7	13.4	20.0





#25
Isophorone
Concen: 55.923 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

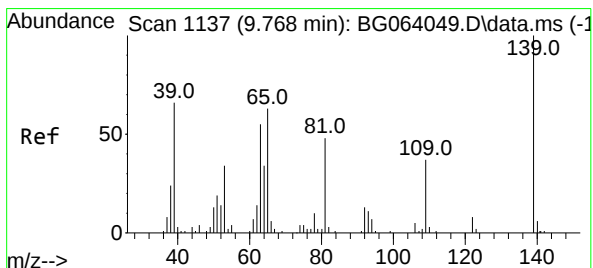
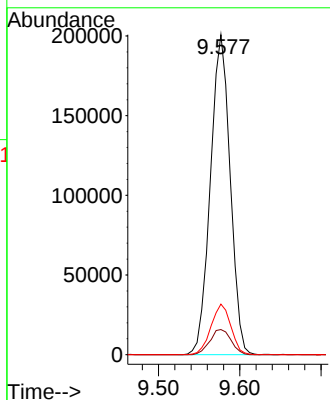
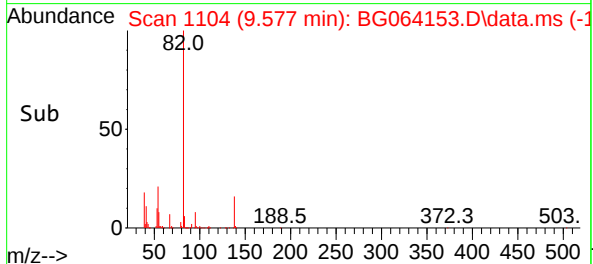
Instrument :
BNA_G
ClientSampleId :
RT5358MS



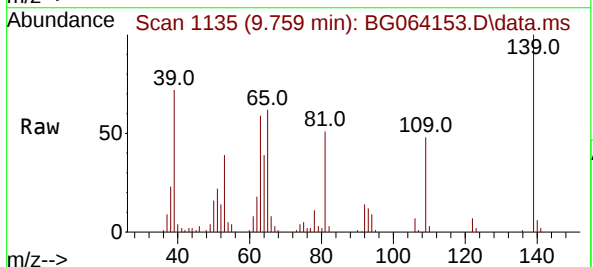
Tgt Ion: 82 Resp: 339209
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.8 10.9 16.3

Manual Integrations
APPROVED

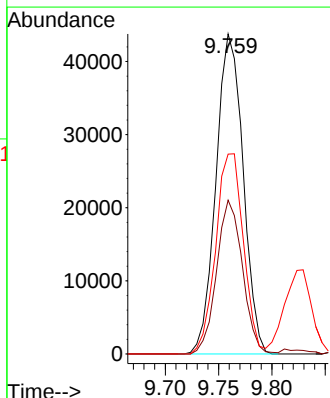
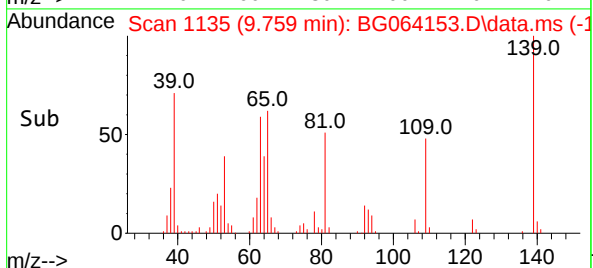
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

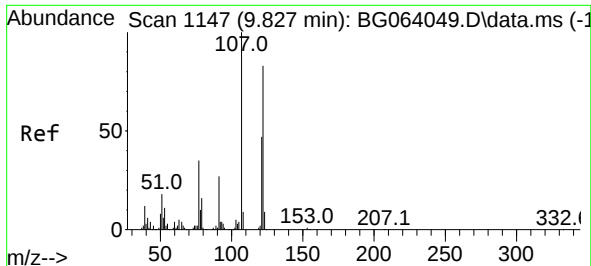


#26
2-Nitrophenol
Concen: 65.914 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



Tgt Ion:139 Resp: 77374
Ion Ratio Lower Upper
139 100
109 48.0 29.9 44.9#
65 62.5 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 83.737 ng

RT: 9.823 min Scan# 1147

Delta R.T. -0.004 min

Lab File: BG064153.D

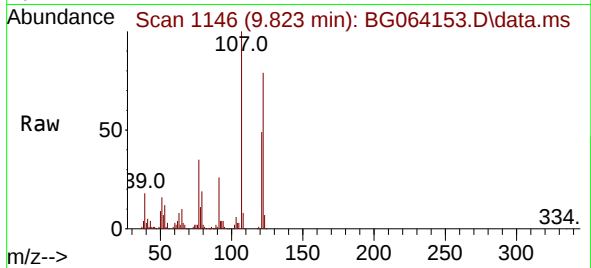
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS



Tgt Ion:122 Resp: 152260

Ion Ratio Lower Upper

122 100

107 126.8 95.4 143.0

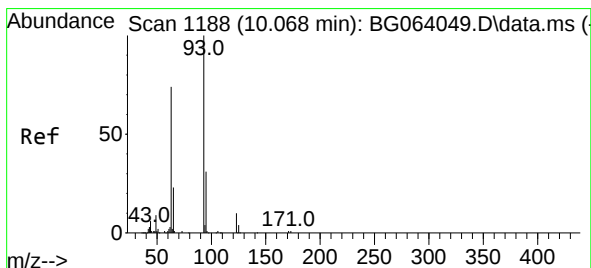
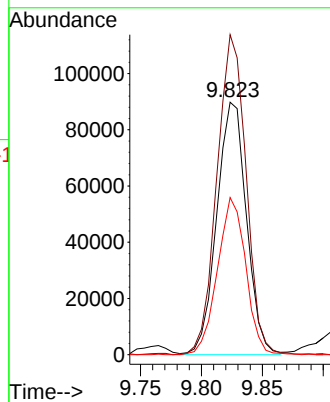
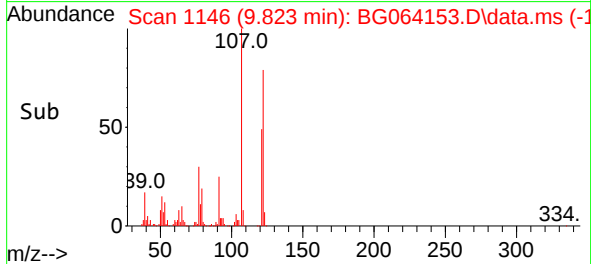
121 62.3 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 54.075 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

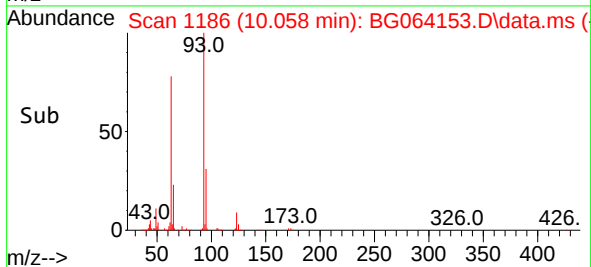
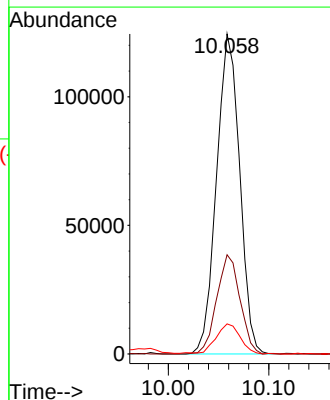
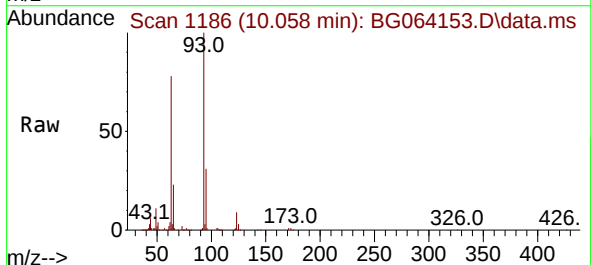
Tgt Ion: 93 Resp: 198860

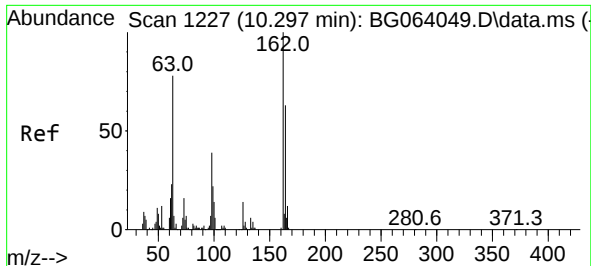
Ion Ratio Lower Upper

93 100

95 31.0 25.0 37.4

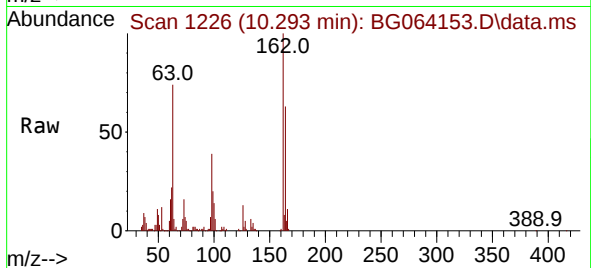
123 9.4 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 61.866 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

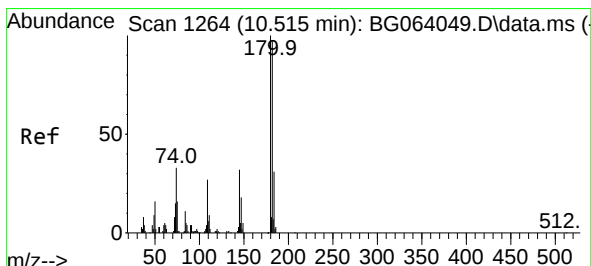
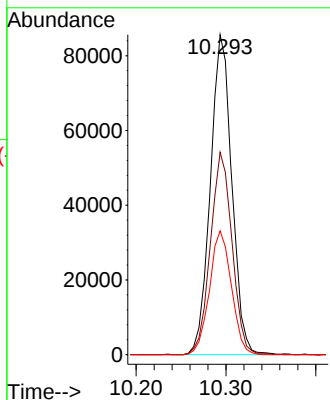
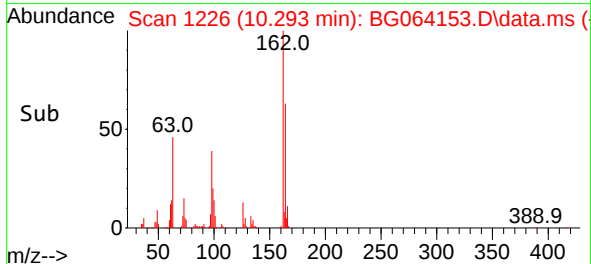
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:162 Resp: 142052
Ion Ratio Lower Upper
162 100
164 63.2 42.8 82.8
98 38.7 19.1 59.1

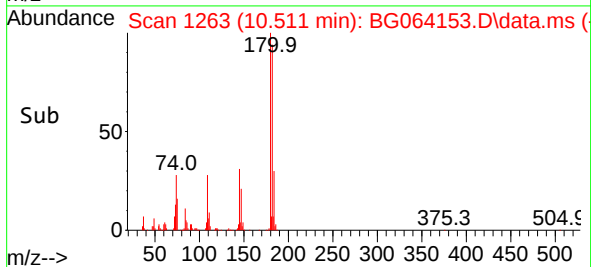
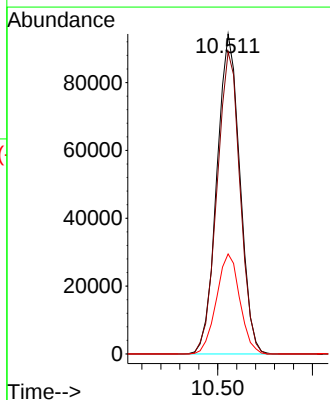
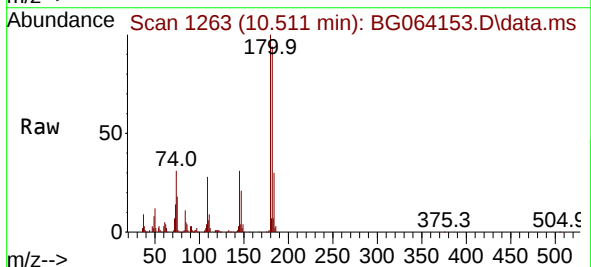
Manual Integrations
APPROVED

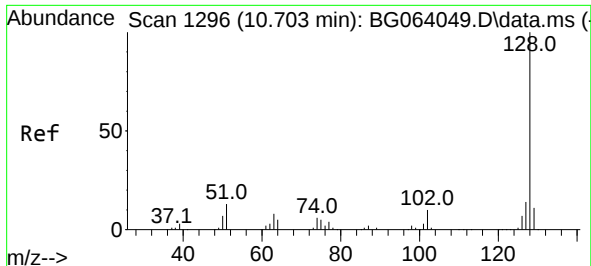
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 57.303 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

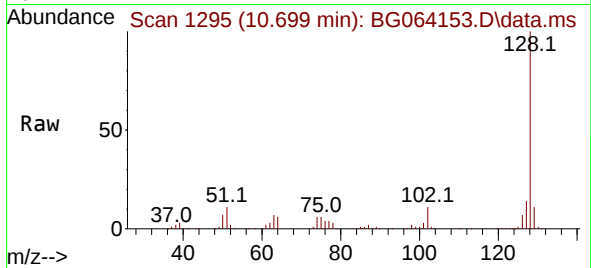
Tgt Ion:180 Resp: 158833
Ion Ratio Lower Upper
180 100
182 94.4 77.3 115.9
145 31.2 25.2 37.8





#31
Naphthalene
Concen: 54.336 ng
RT: 10.699 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

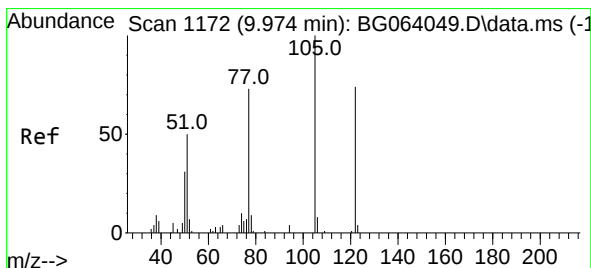
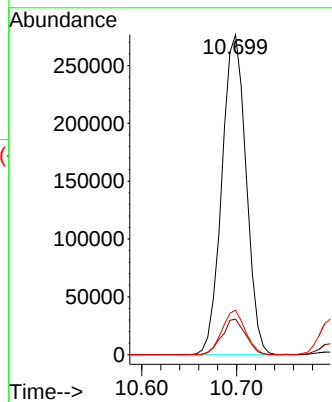
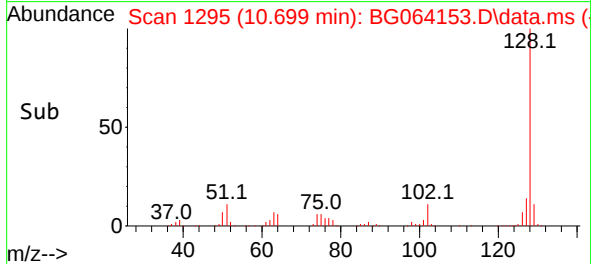
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:128 Resp: 490679
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.9 11.1 16.7

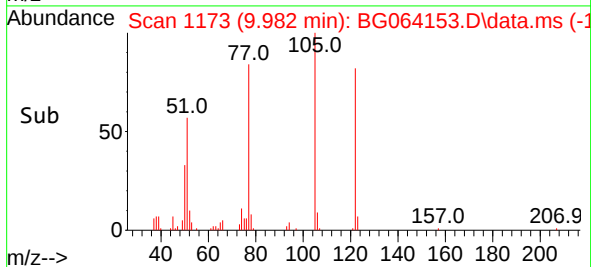
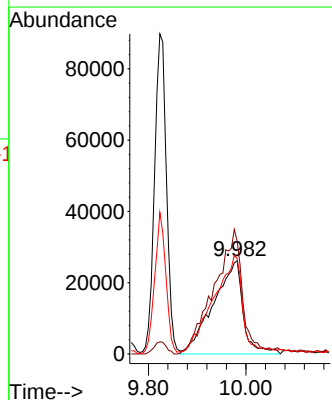
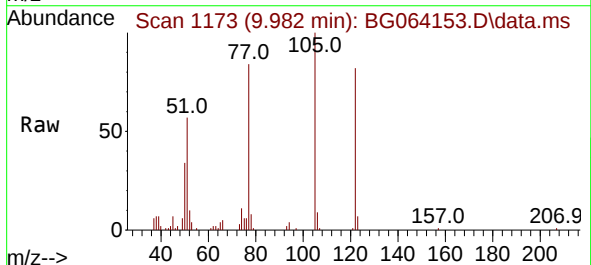
Manual Integrations
APPROVED

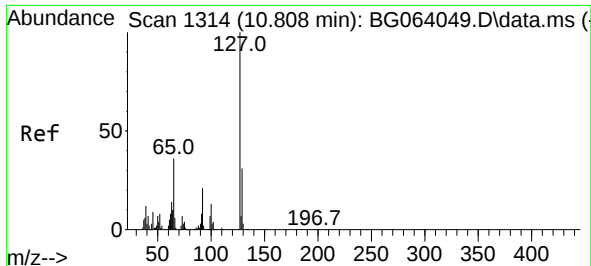
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#32
Benzoic acid
Concen: 62.946 ng
RT: 9.982 min Scan# 1173
Delta R.T. 0.008 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:122 Resp: 110625
Ion Ratio Lower Upper
122 100
105 121.3 115.0 155.0
77 102.4 80.9 120.9





#33
4-Chloroaniline
Concen: 18.012 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

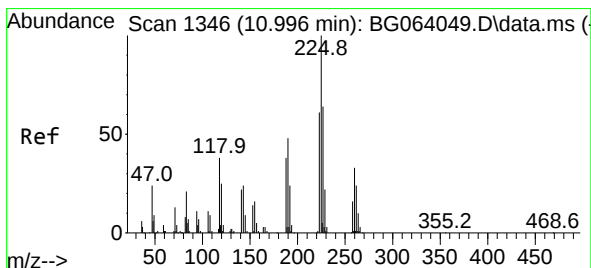
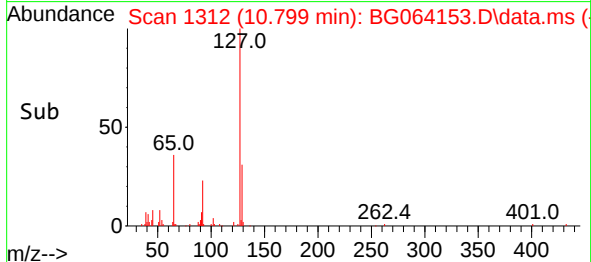
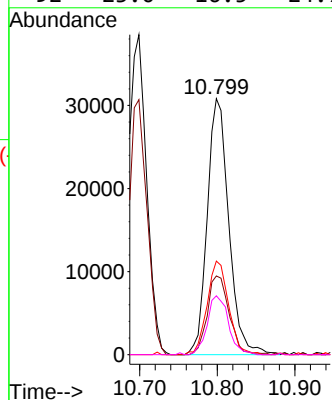
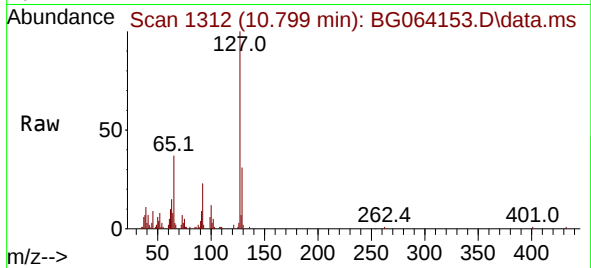
RT5358MS

Tgt Ion:127 Resp: 5945
Ion Ratio Lower Upper
127 100
129 30.7 25.0 37.4
65 36.5 28.5 42.7
92 23.0 16.5 24.7

Manual Integrations

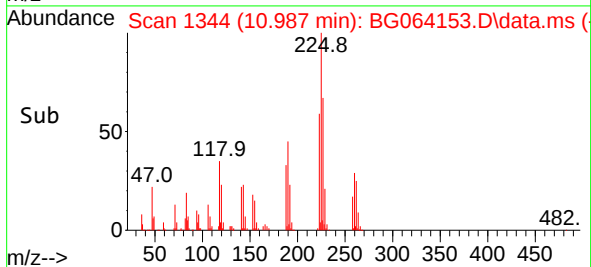
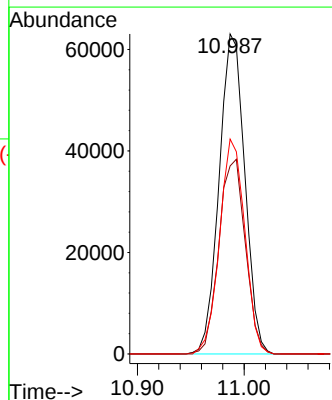
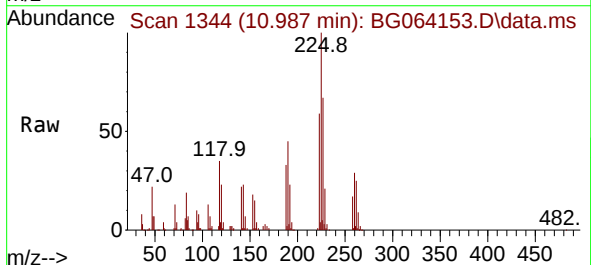
APPROVED

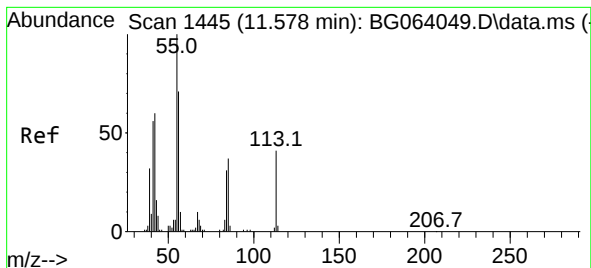
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#34
Hexachlorobutadiene
Concen: 57.962 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

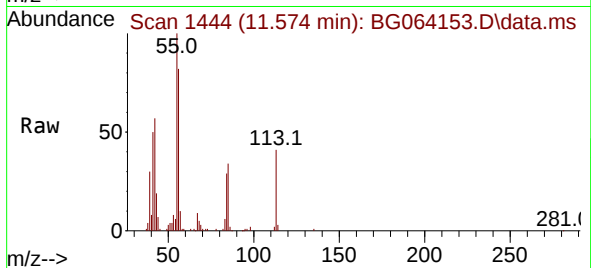
Tgt Ion:225 Resp: 105307
Ion Ratio Lower Upper
225 100
223 58.7 48.5 72.7
227 67.1 51.0 76.6





#35
Caprolactam
Concen: 56.412 ng m
RT: 11.574 min Scan# 1445
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

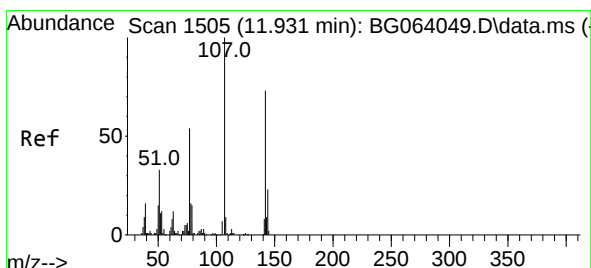
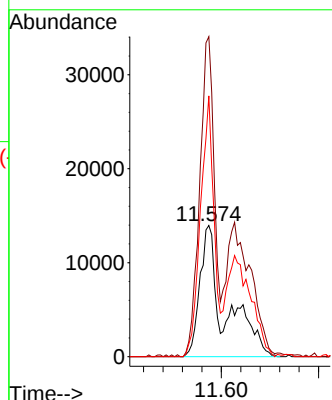
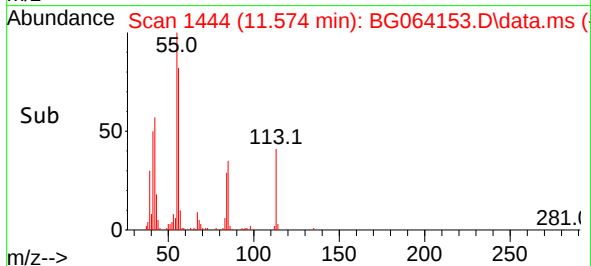
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:113 Resp: 4963
Ion Ratio Lower Upper
113 100
55 244.0 225.2 265.2
56 198.9 153.4 193.4

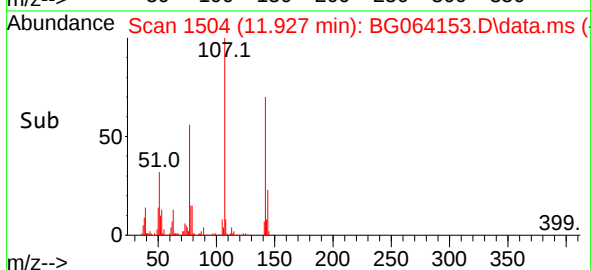
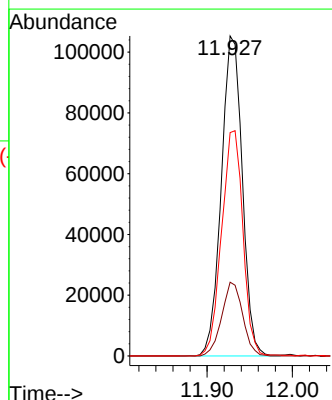
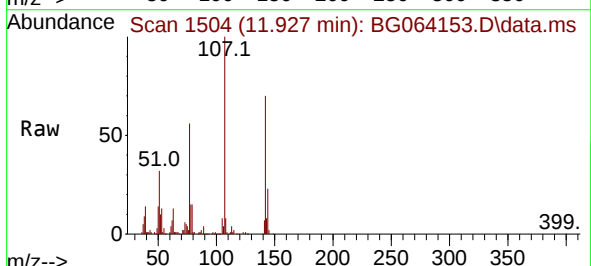
Manual Integrations
APPROVED

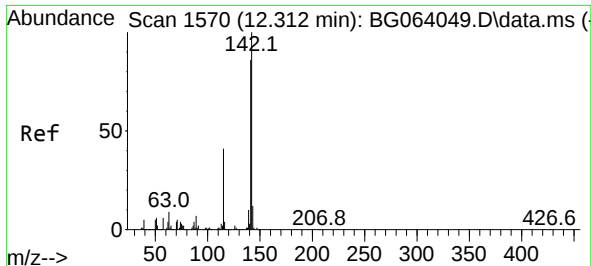
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#36
4-Chloro-3-methylphenol
Concen: 59.834 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

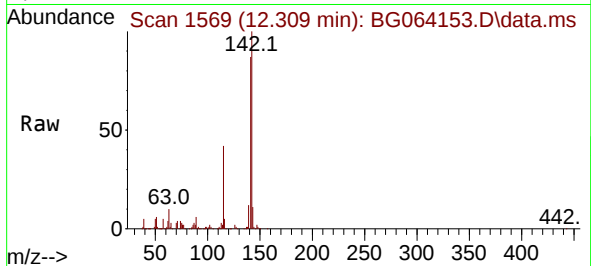
Tgt Ion:107 Resp: 180085
Ion Ratio Lower Upper
107 100
144 23.0 18.6 28.0
142 69.8 58.0 87.0





#37
2-Methylnaphthalene
Concen: 49.568 ng
RT: 12.309 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

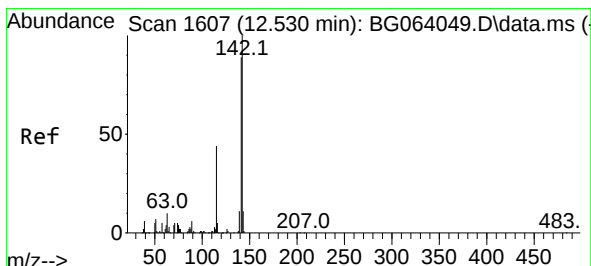
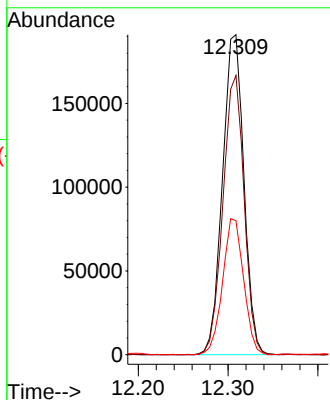
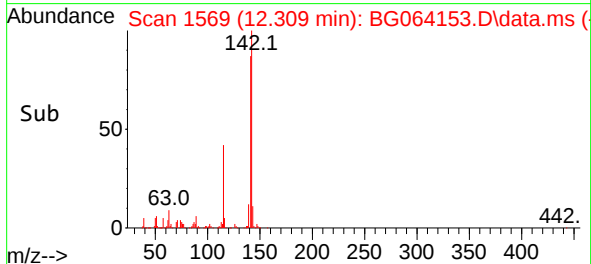
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:142 Resp: 316004
Ion Ratio Lower Upper
142 100
141 87.2 68.6 103.0
115 41.9 32.8 49.2

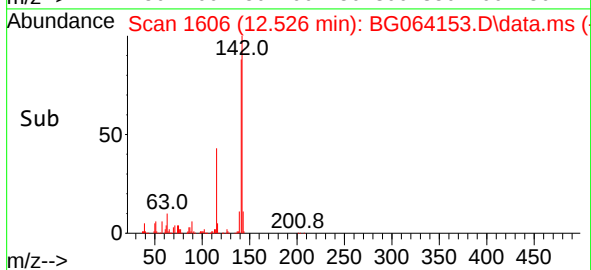
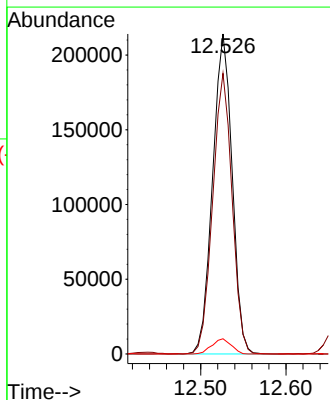
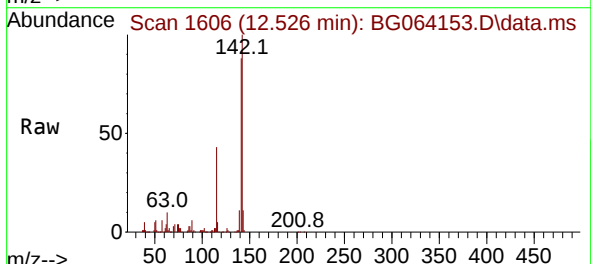
Manual Integrations
APPROVED

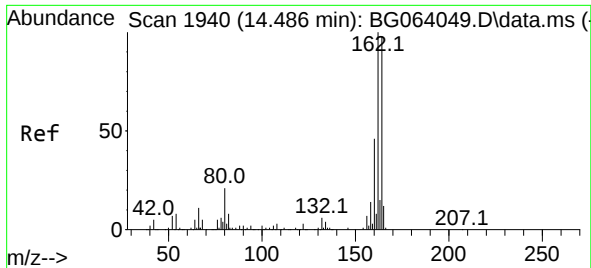
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#38
1-Methylnaphthalene
Concen: 54.475 ng
RT: 12.526 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

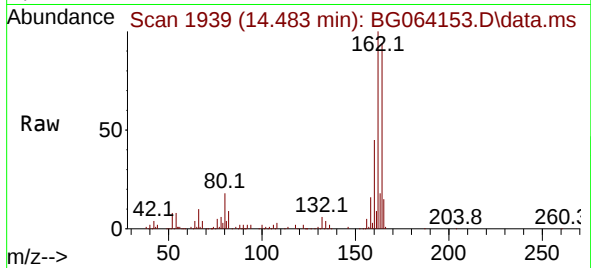
Tgt Ion:142 Resp: 340240
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8
116 4.8 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

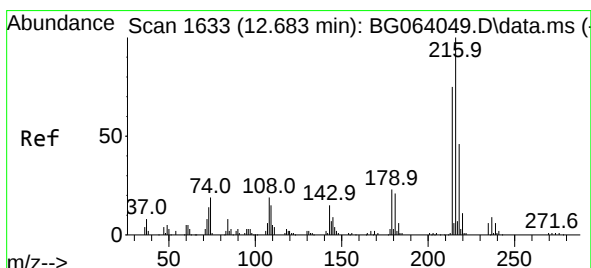
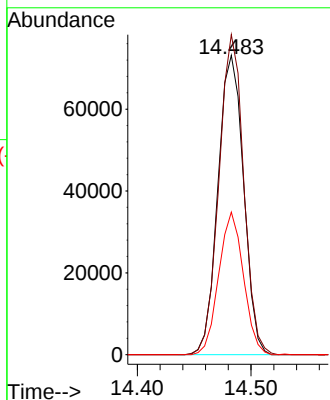
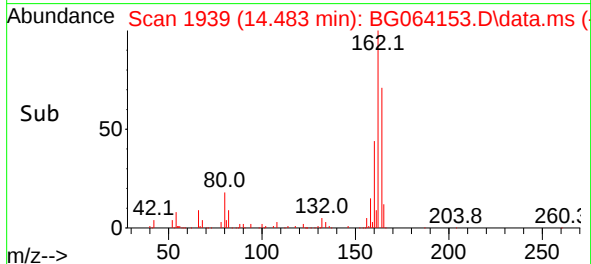
Instrument :
BNA_G
ClientSampleId :
RT5358MS



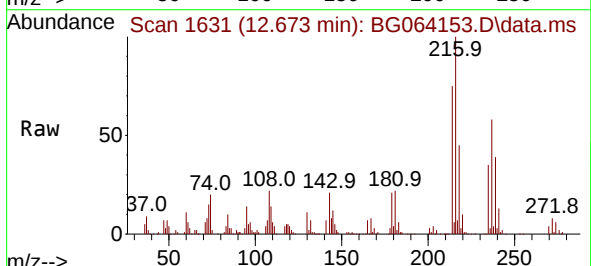
Tgt Ion:164 Resp: 11452
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 47.6 37.0 55.6

Manual Integrations
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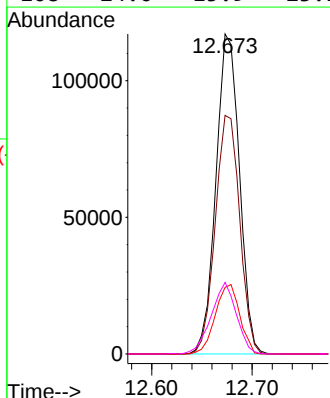
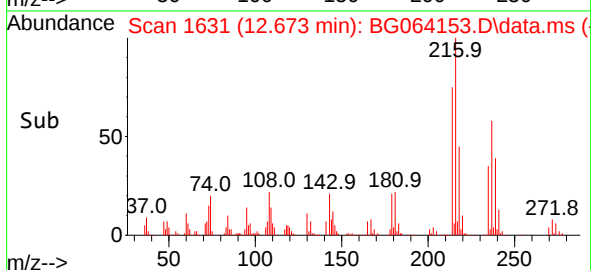
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

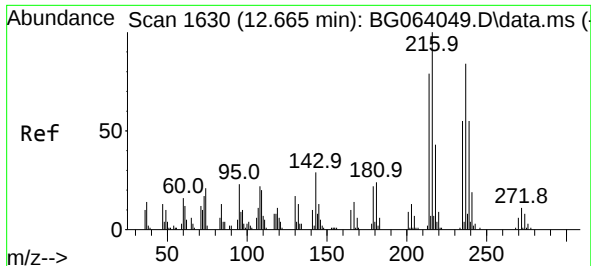


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.209 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



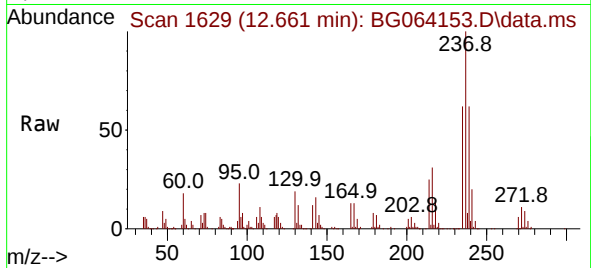
Tgt Ion:216 Resp: 190314
Ion Ratio Lower Upper
216 100
214 77.4 61.7 92.5
179 22.6 17.9 26.9
108 24.0 15.9 23.9#





#41
Hexachlorocyclopentadiene
Concen: 255.917 ng
RT: 12.661 min Scan# 1629
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

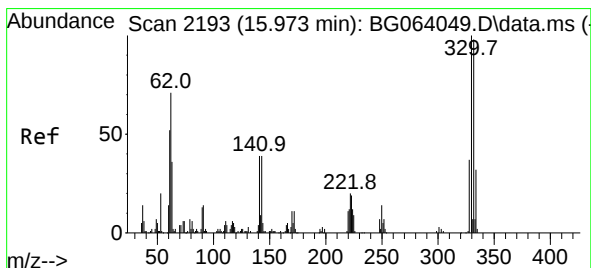
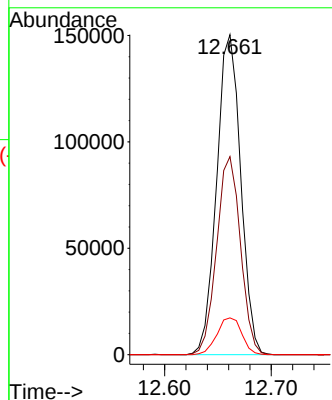
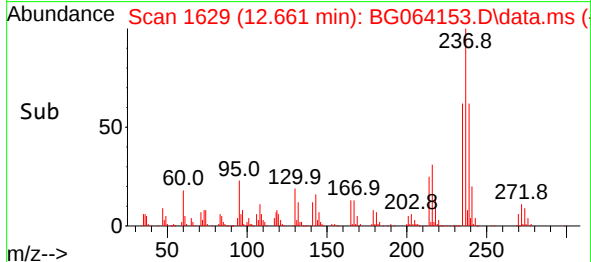
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:237 Resp: 235498
Ion Ratio Lower Upper
237 100
235 61.9 46.0 86.0
272 11.5 0.0 32.8

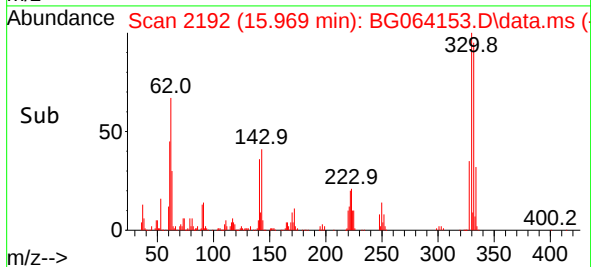
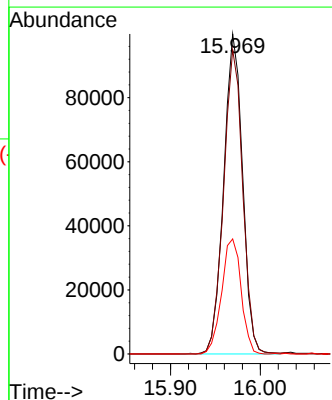
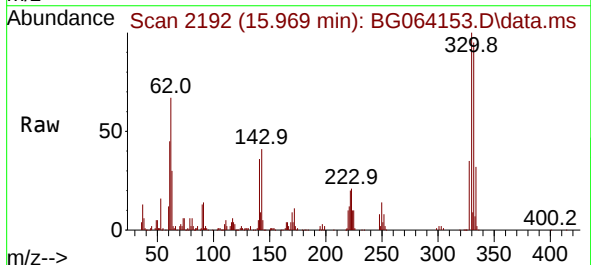
Manual Integrations
APPROVED

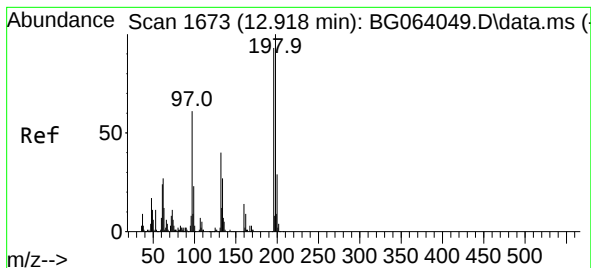
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#42
2,4,6-Tribromophenol
Concen: 114.334 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:330 Resp: 145546
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 37.2 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 65.940 ng

RT: 12.914 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

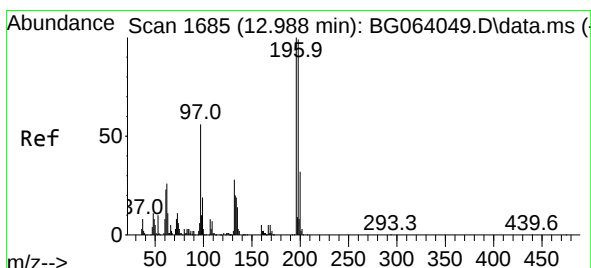
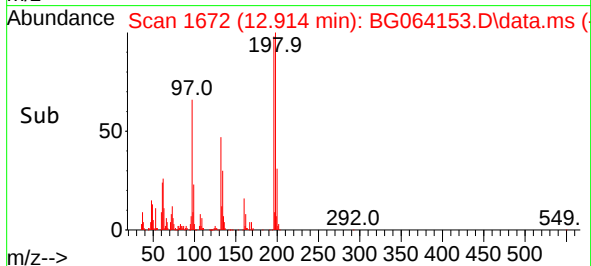
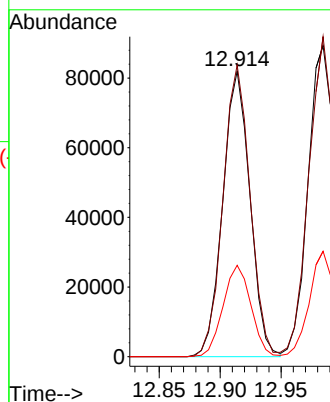
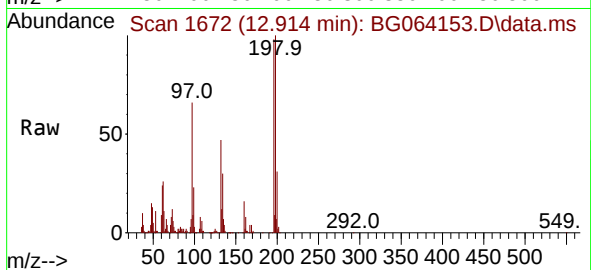
ClientSampleId :

RT5358MS

Tgt Ion:196 Resp: 127064
 Ion Ratio Lower Upper
 196 100
 198 102.2 85.6 128.4
 200 32.0 24.6 37.0

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#44

2,4,5-Trichlorophenol

Concen: 66.332 ng

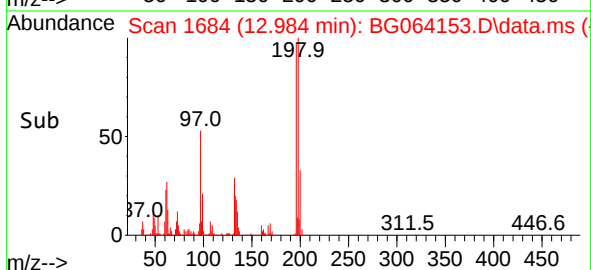
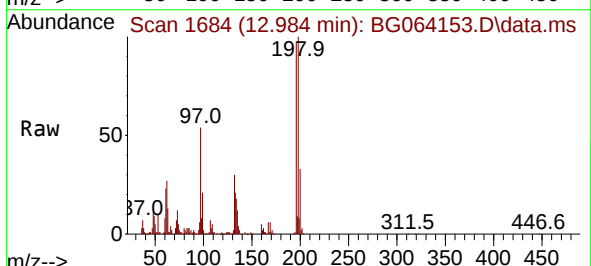
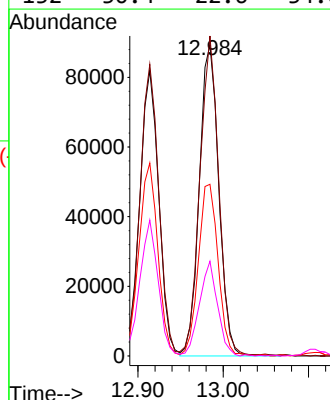
RT: 12.984 min Scan# 1684

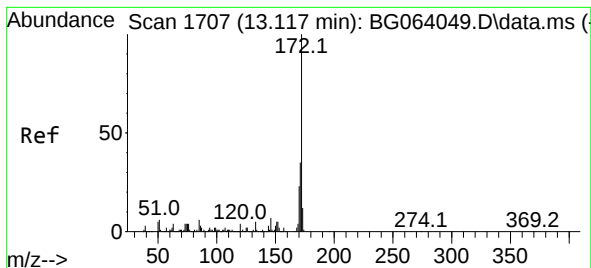
Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

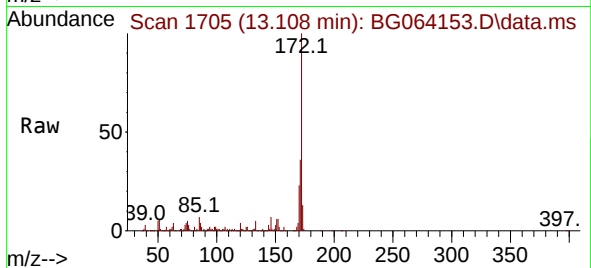
Tgt Ion:196 Resp: 142024
 Ion Ratio Lower Upper
 196 100
 198 102.8 79.5 119.3
 97 55.2 45.2 67.8
 132 30.4 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 67.379 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

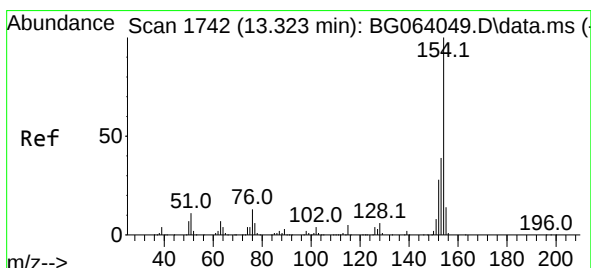
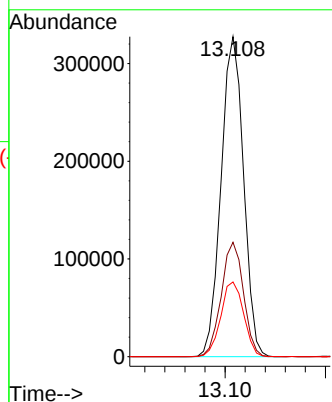
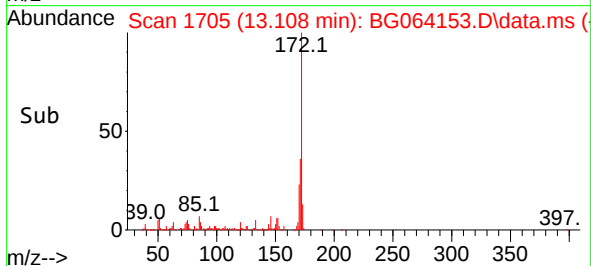
Instrument :
BNA_G
ClientSampleId :
RT5358MS



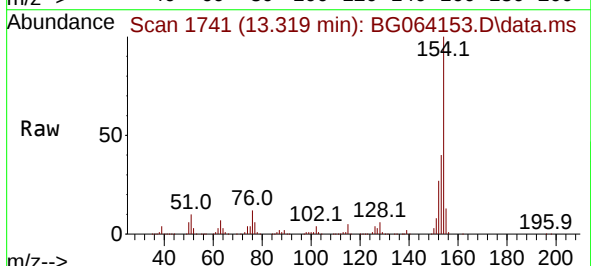
Tgt Ion:172 Resp: 508362
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.3 18.7 28.1

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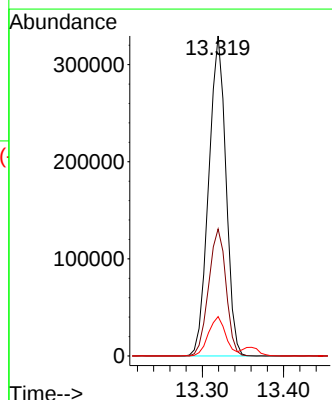
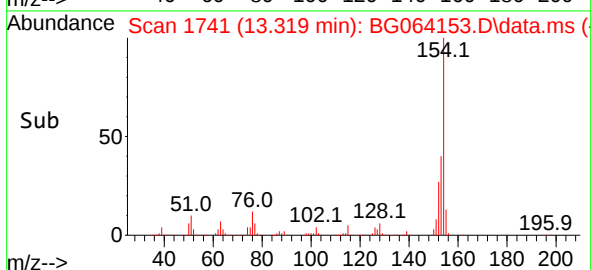
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

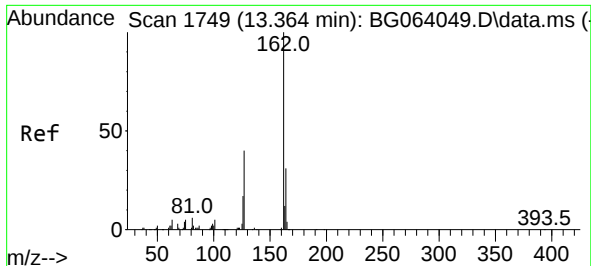


#46
1,1'-Biphenyl
Concen: 55.944 ng
RT: 13.319 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



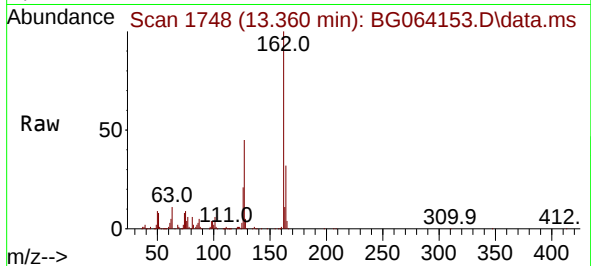
Tgt Ion:154 Resp: 484040
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 12.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 57.135 ng
RT: 13.360 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

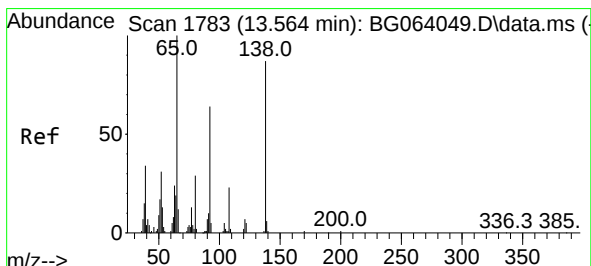
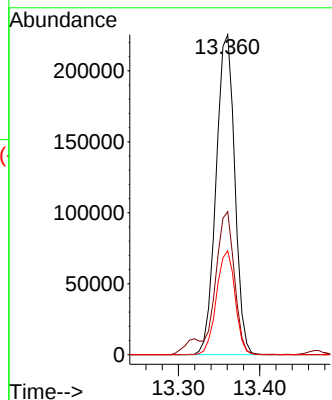
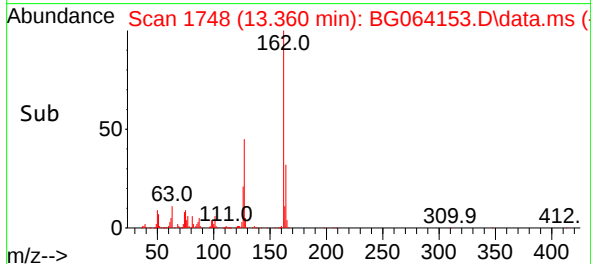
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:162 Resp: 36054
Ion Ratio Lower Upper
162 100
127 44.7 35.0 52.4
164 32.4 25.0 37.6

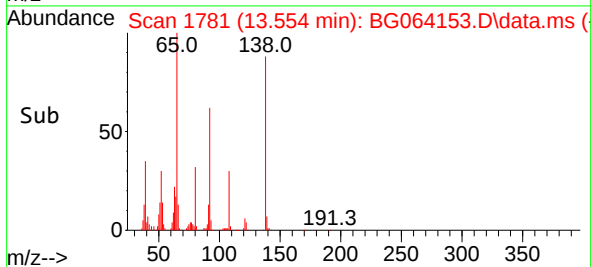
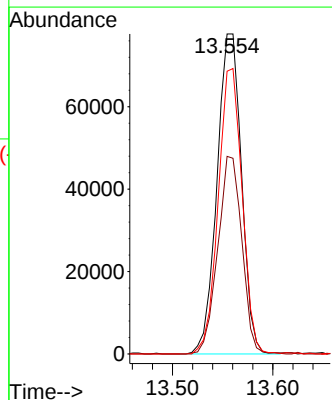
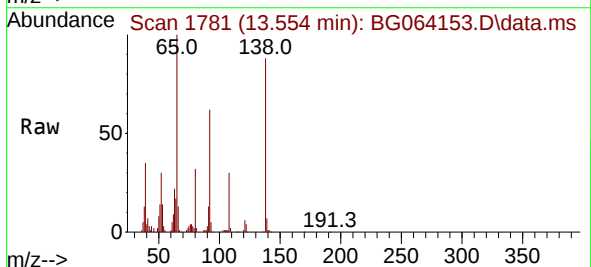
Manual Integrations
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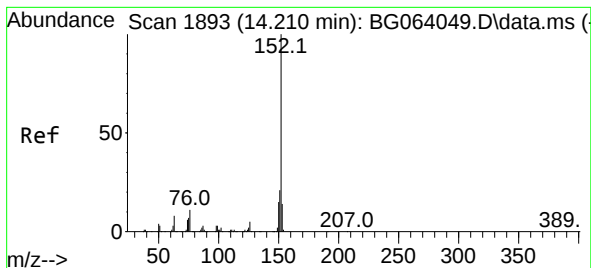
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#48
2-Nitroaniline
Concen: 59.863 ng
RT: 13.554 min Scan# 1781
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion: 65 Resp: 131619
Ion Ratio Lower Upper
65 100
92 61.7 51.2 76.8
138 88.4 69.4 104.2





#49

Acenaphthylene

Concen: 59.328 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS

Tgt Ion:152 Resp: 592164

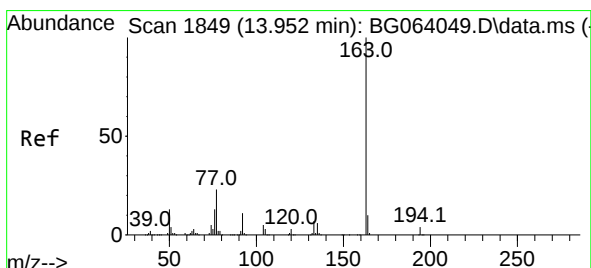
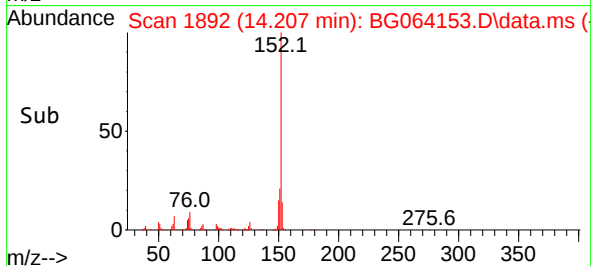
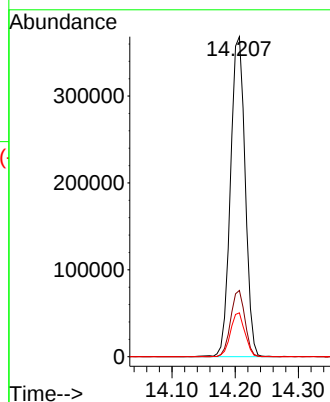
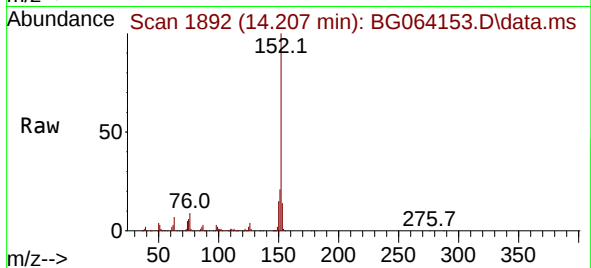
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.7	10.9	16.3

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#50

Dimethylphthalate

Concen: 53.108 ng

RT: 13.942 min Scan# 1847

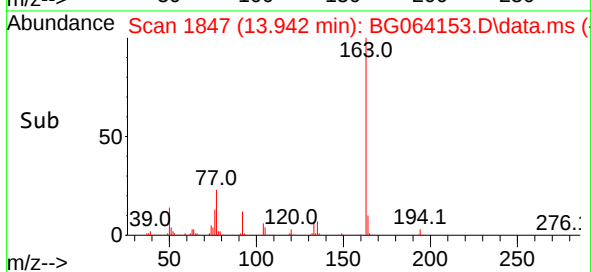
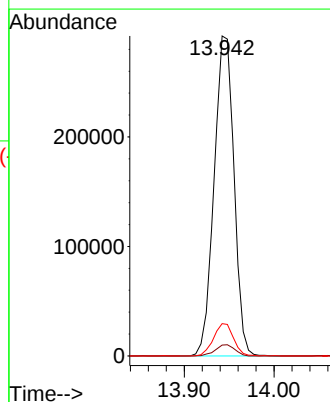
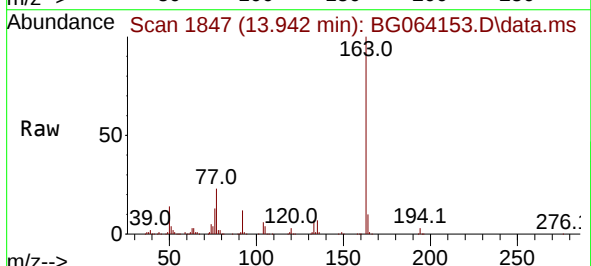
Delta R.T. -0.010 min

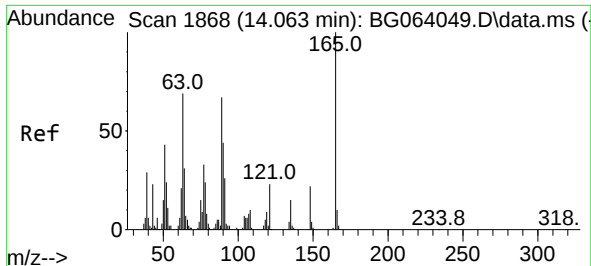
Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Tgt Ion:163 Resp: 448958

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 55.757 ng
RT: 14.060 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

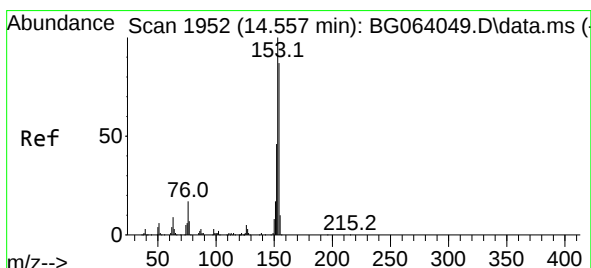
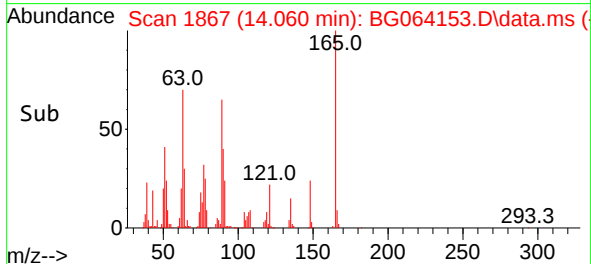
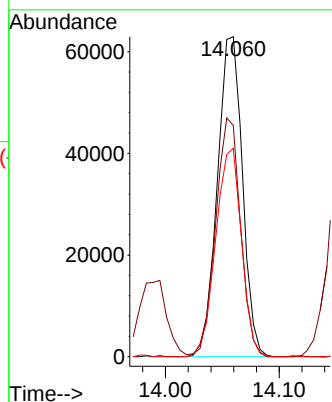
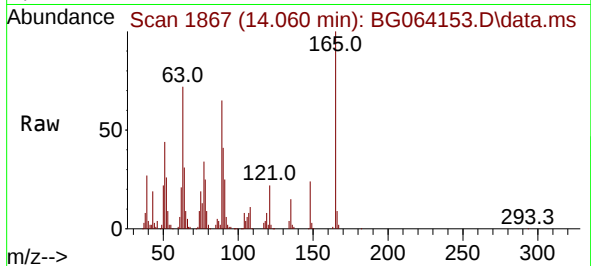
RT5358MS

Tgt Ion:165 Resp: 96620
Ion Ratio Lower Upper
165 100
63 72.3 56.7 85.1
89 65.1 53.7 80.5

Manual Integrations

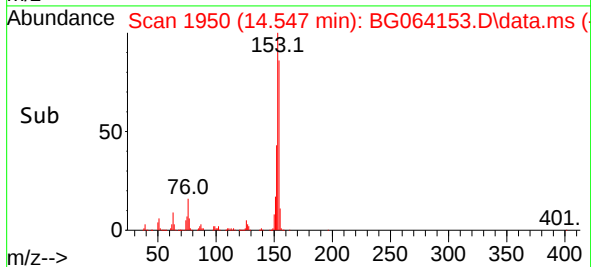
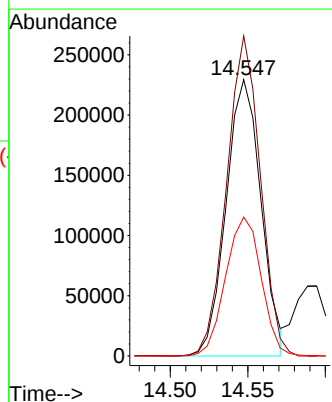
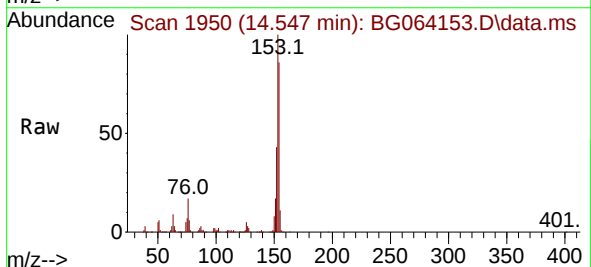
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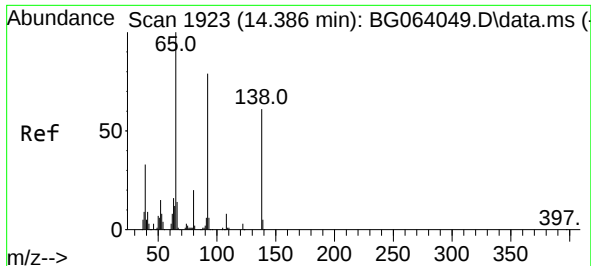
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#52
Acenaphthene
Concen: 53.529 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

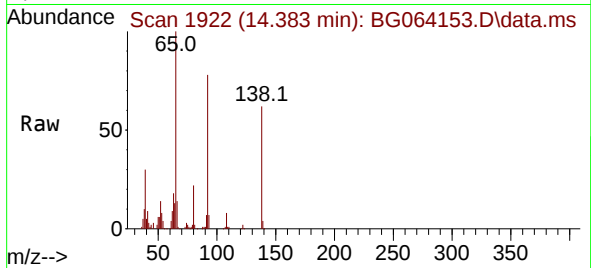
Tgt Ion:154 Resp: 358562
Ion Ratio Lower Upper
154 100
153 115.8 91.6 137.4
152 50.3 42.5 63.7





#53
3-Nitroaniline
Concen: 33.231 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

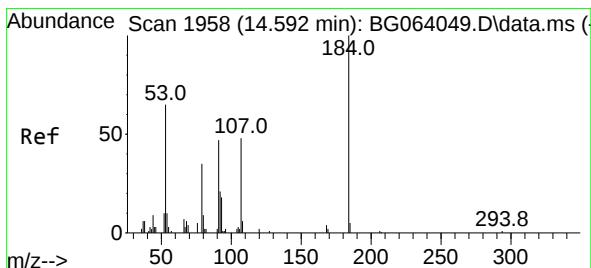
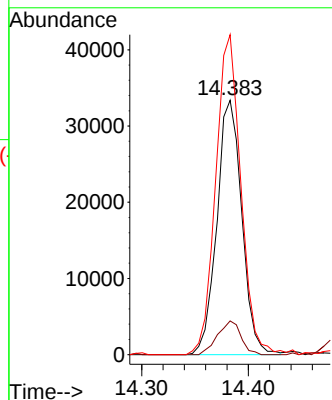
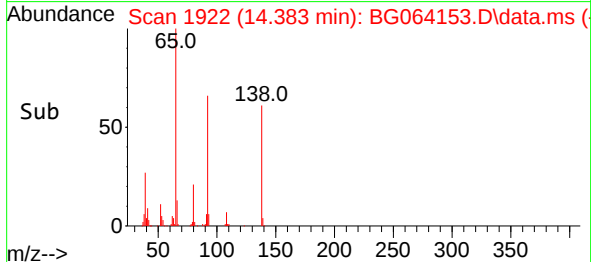
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:138 Resp: 54295
Ion Ratio Lower Upper
138 100
108 13.3 10.1 15.1
92 125.8 104.1 156.1

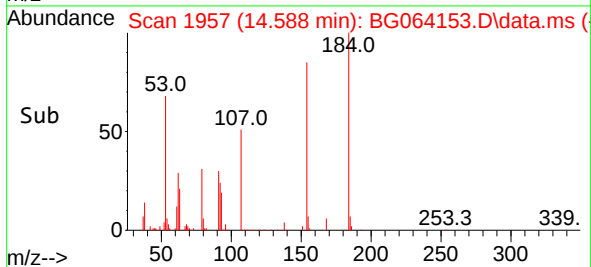
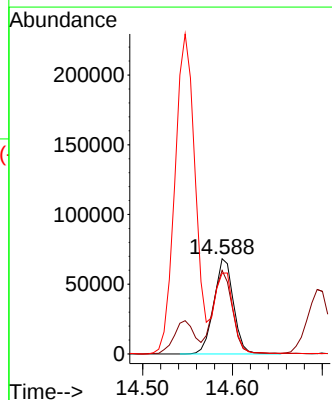
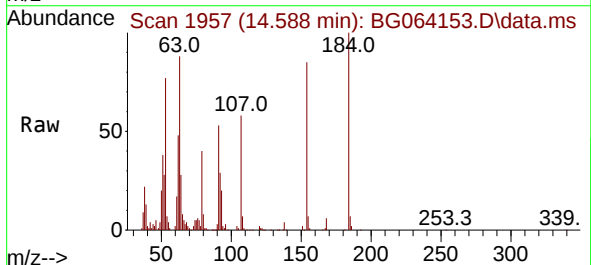
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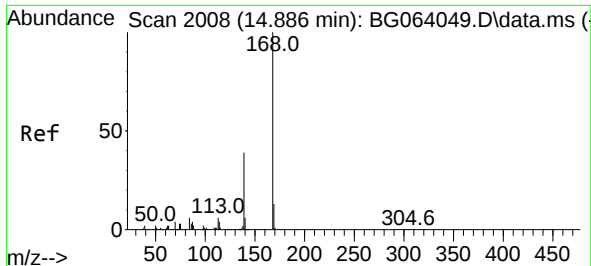
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#54
2,4-Dinitrophenol
Concen: 138.219 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:184 Resp: 103384
Ion Ratio Lower Upper
184 100
63 87.8 57.5 86.3#
154 84.8 52.3 78.5#





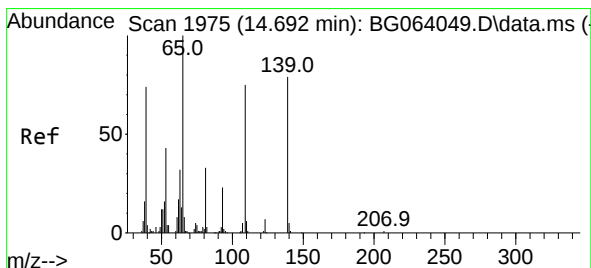
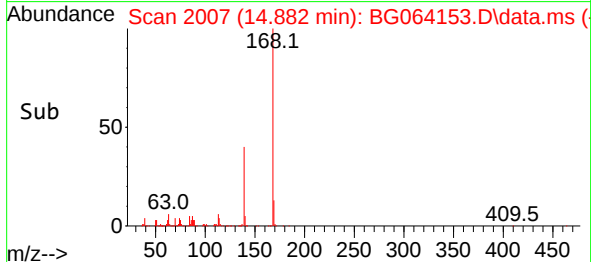
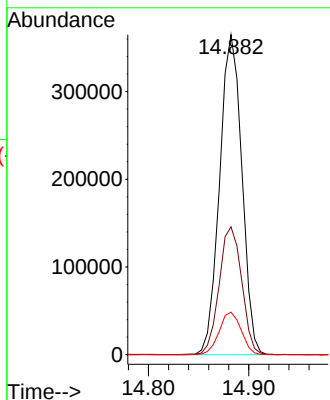
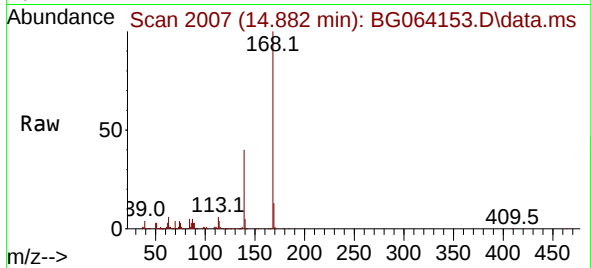
#55
Dibenzenofuran
Concen: 51.677 ng
RT: 14.882 min Scan# 2008
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :
BNA_G
ClientSampleId :
RT5358MS

Tgt Ion:168 Resp: 560770
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 13.3 10.5 15.7

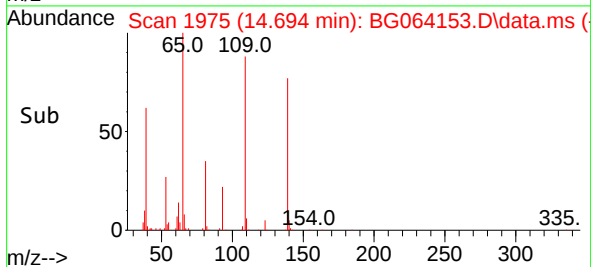
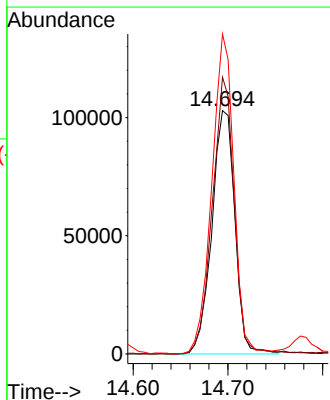
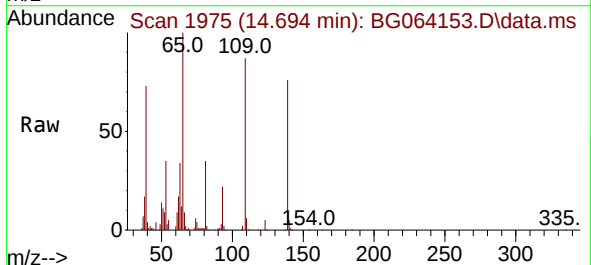
Manual Integrations
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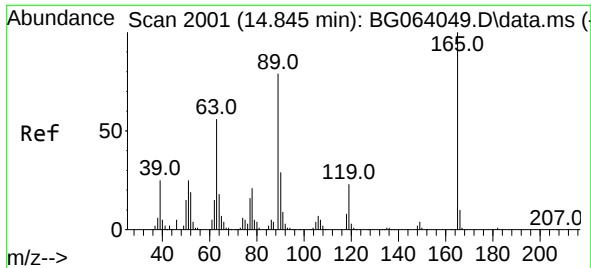
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#56
4-Nitrophenol
Concen: 126.649 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:139 Resp: 173544
Ion Ratio Lower Upper
139 100
109 113.8 74.9 114.9
65 131.5 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 59.932 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

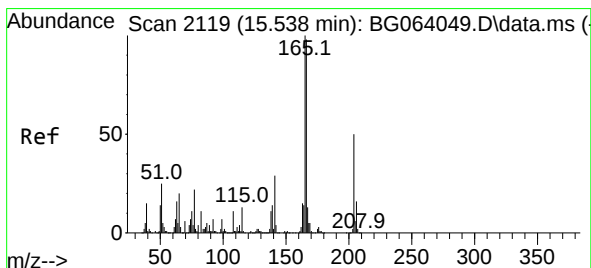
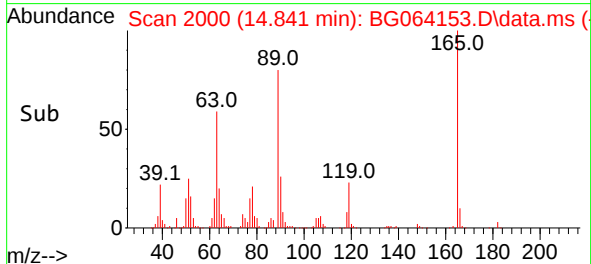
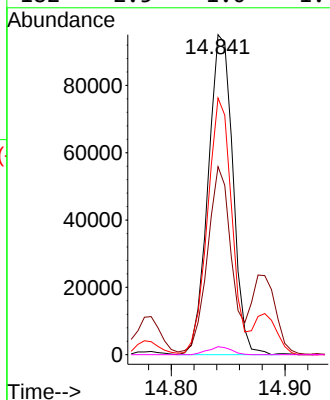
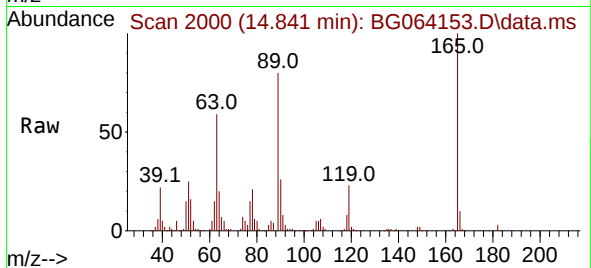
ClientSampleId :

RT5358MS

Tgt Ion:165 Resp: 14414
Ion Ratio Lower Upper
165 100
63 58.7 45.0 67.6
89 80.2 63.1 94.7
182 2.5 1.0 1.4#

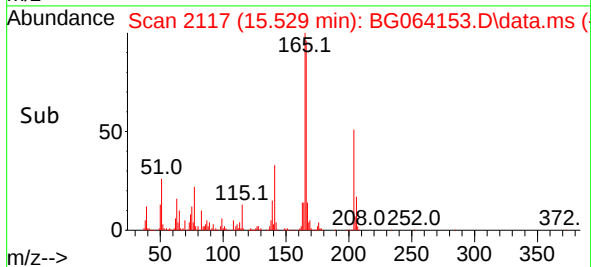
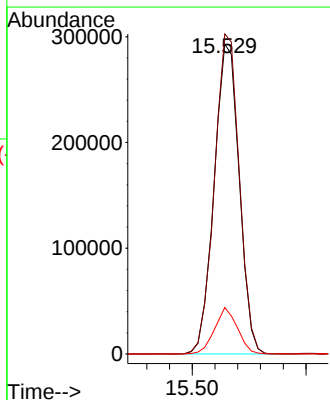
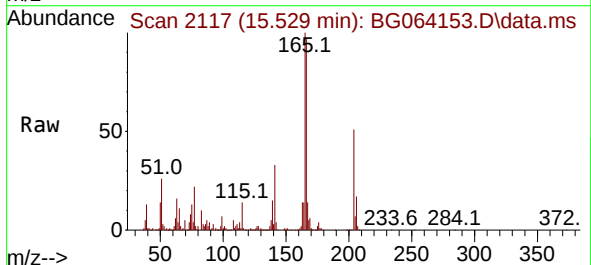
Manual Integrations
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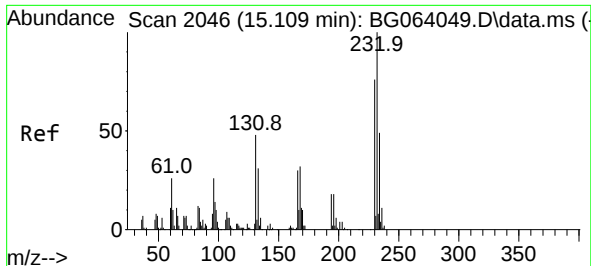
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#58
Fluorene
Concen: 53.107 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

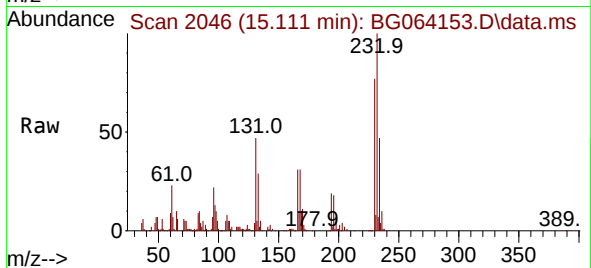
Tgt Ion:166 Resp: 448848
Ion Ratio Lower Upper
166 100
165 103.3 81.8 122.8
167 15.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.045 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

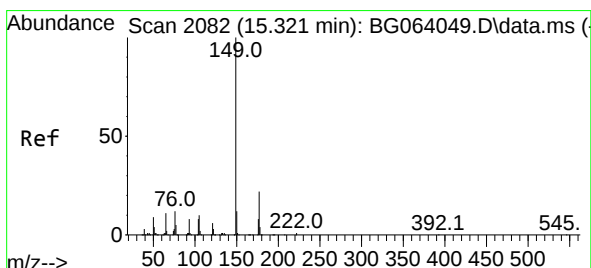
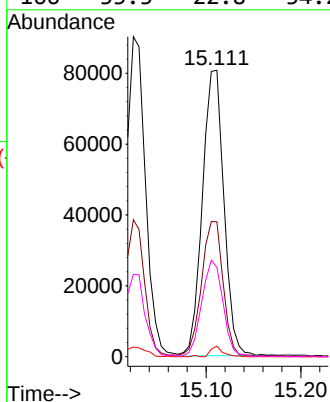
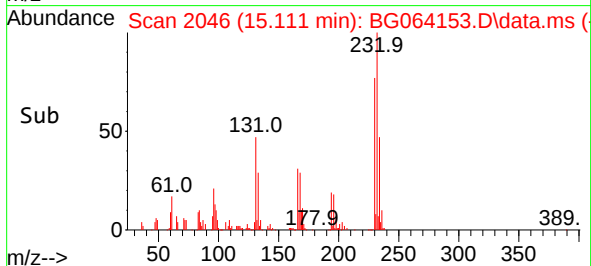
Instrument :
BNA_G
ClientSampleId :
RT5358MS



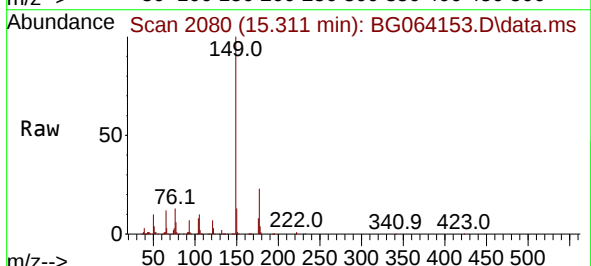
Tgt Ion:232 Resp: 12742
Ion Ratio Lower Upper
232 100
131 47.2 36.3 54.5
130 2.2 1.9 2.9
166 33.3 22.8 34.2

Manual Integrations
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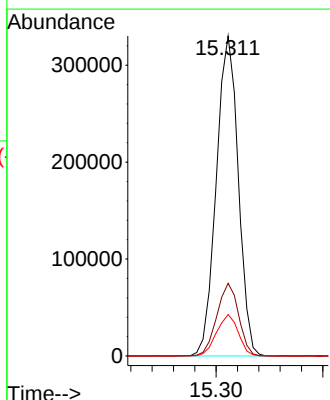
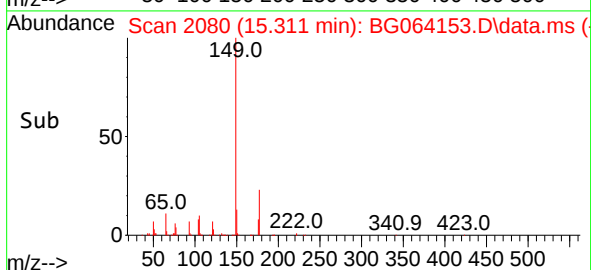
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

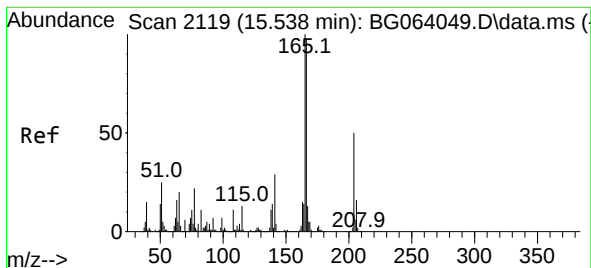


#60
Diethylphthalate
Concen: 51.336 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



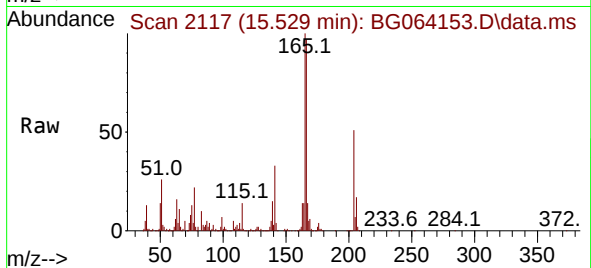
Tgt Ion:149 Resp: 471124
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.2
150 13.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 52.220 ng
RT: 15.529 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

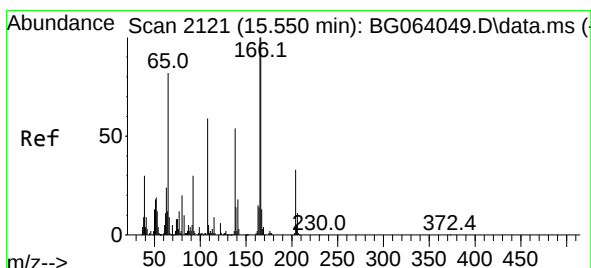
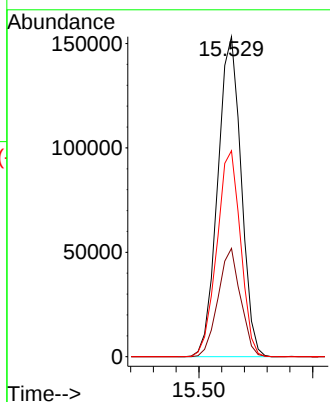
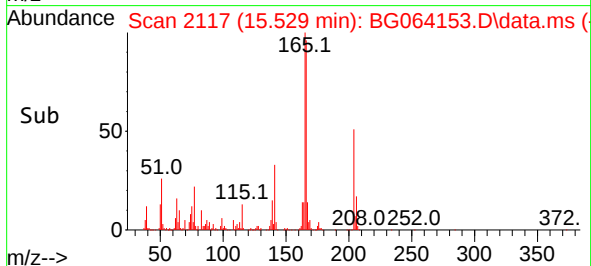
Instrument :
BNA_G
ClientSampleId :
RT5358MS



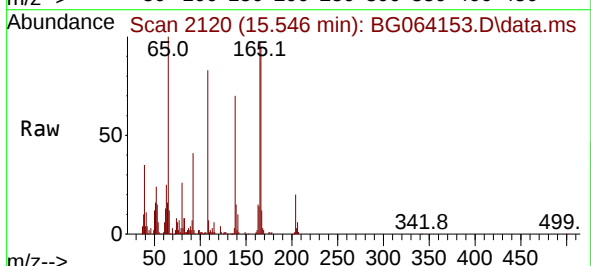
Tgt Ion:204 Resp: 219324
Ion Ratio Lower Upper
204 100
206 33.8 25.5 38.3
141 64.3 45.4 68.0

Manual Integrations
APPROVED

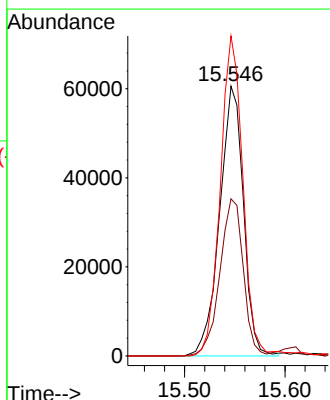
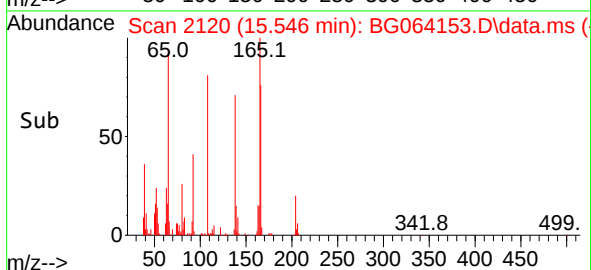
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

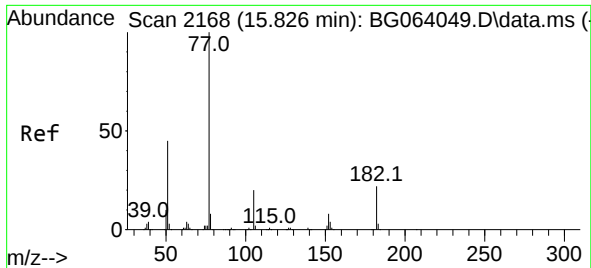


#62
4-Nitroaniline
Concen: 56.456 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



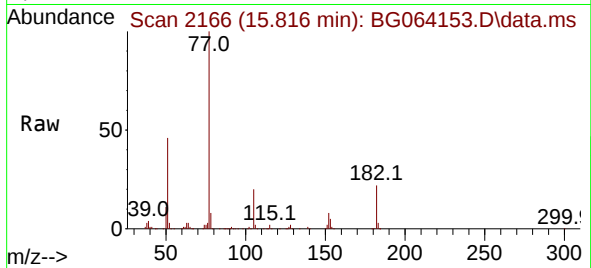
Tgt Ion:138 Resp: 99588
Ion Ratio Lower Upper
138 100
92 58.2 36.1 76.1
108 118.6 87.9 127.9





#63
Azobenzene
Concen: 53.543 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

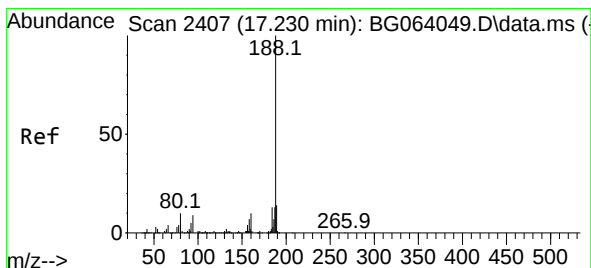
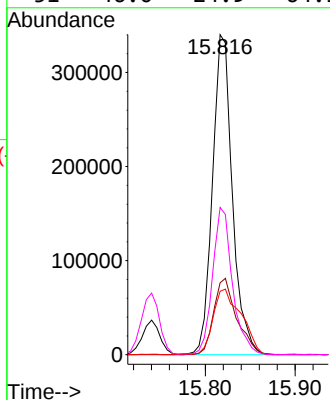
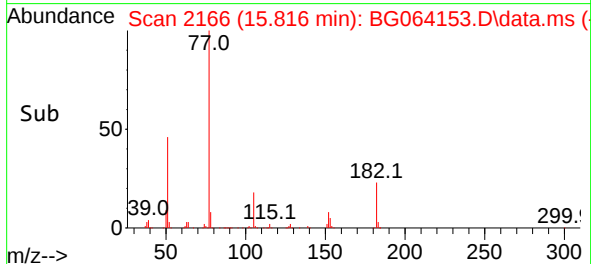
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion: 77 Resp: 524354
Ion Ratio Lower Upper
77 100
182 22.5 2.4 42.4
105 19.8 0.0 40.0
51 46.0 24.9 64.9

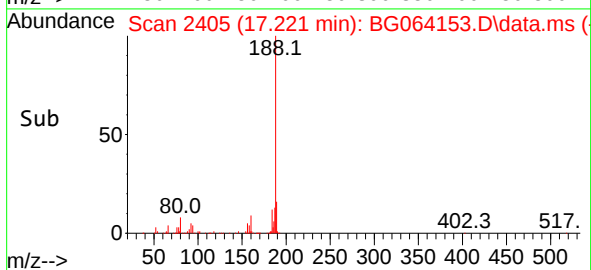
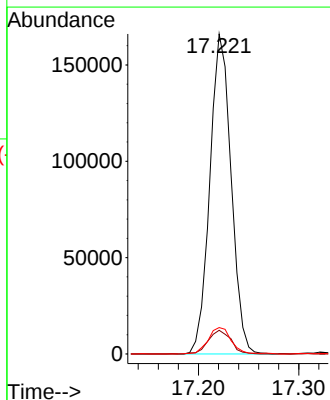
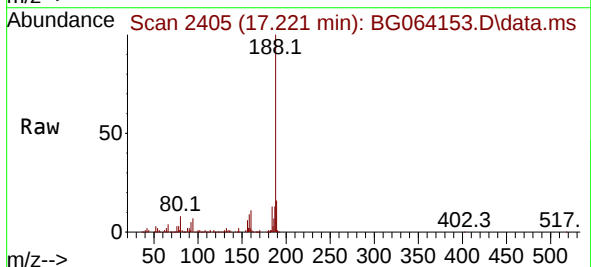
Manual Integrations
APPROVED

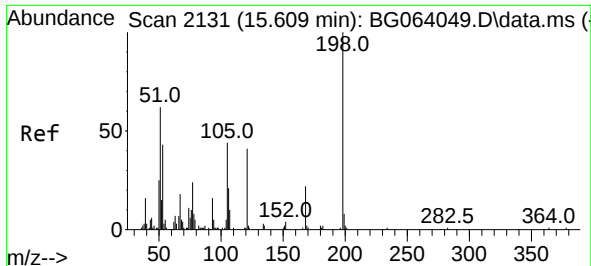
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:188 Resp: 244937
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.2 8.1 12.1





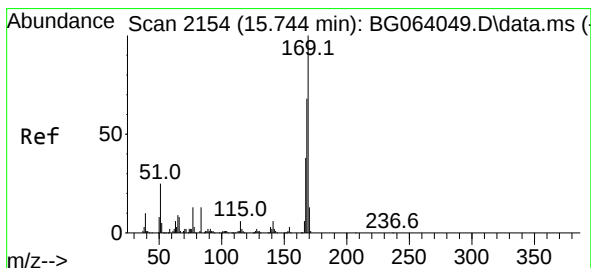
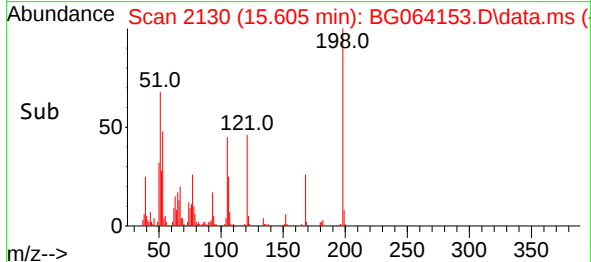
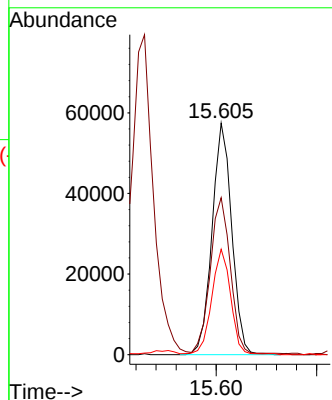
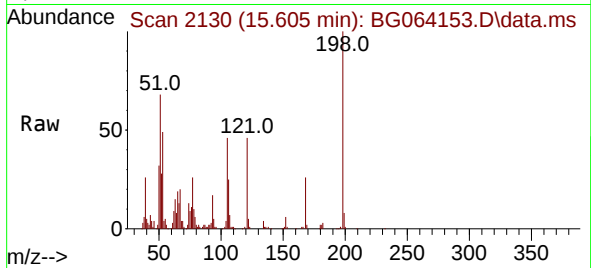
#65
4,6-Dinitro-2-methylphenol
Concen: 69.682 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Instrument :
BNA_G
ClientSampleId :
RT5358MS

Tgt Ion:198 Resp: 78440
Ion Ratio Lower Upper
198 100
51 67.8 45.6 85.6
105 45.6 25.3 65.3

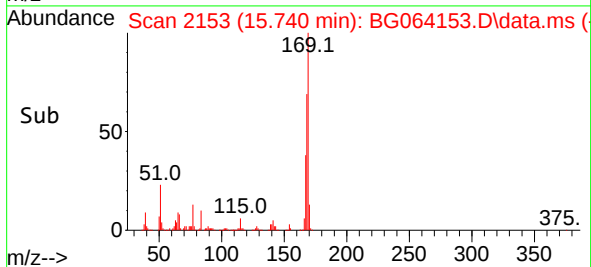
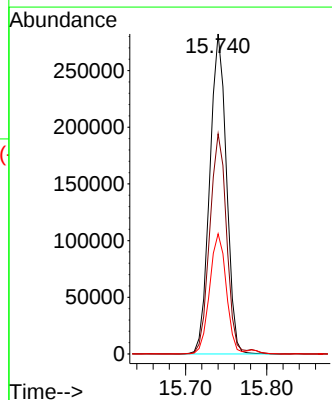
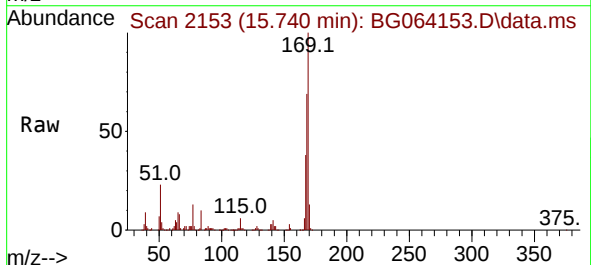
Manual Integrations
APPROVED

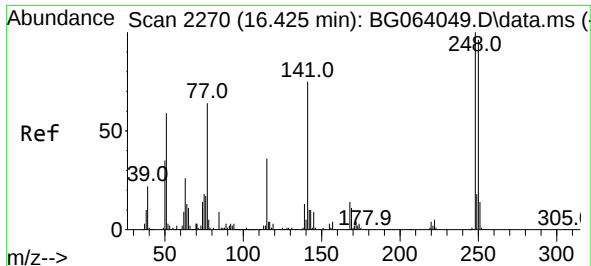
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#66
n-Nitrosodiphenylamine
Concen: 58.075 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

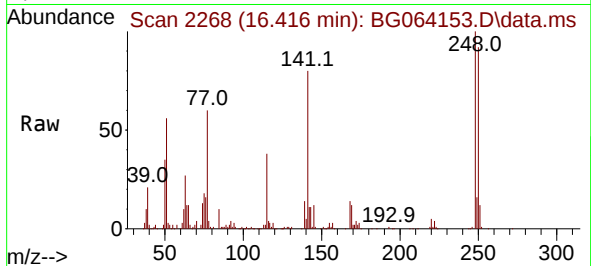
Tgt Ion:169 Resp: 402648
Ion Ratio Lower Upper
169 100
168 68.8 54.1 81.1
167 37.5 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 58.657 ng
RT: 16.416 min Scan# 211
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

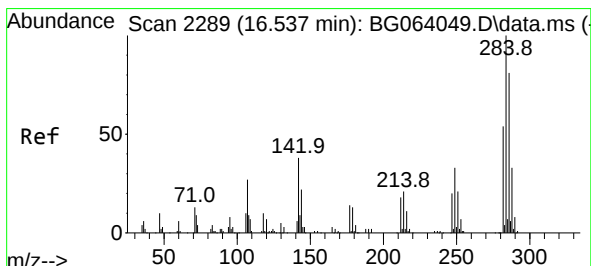
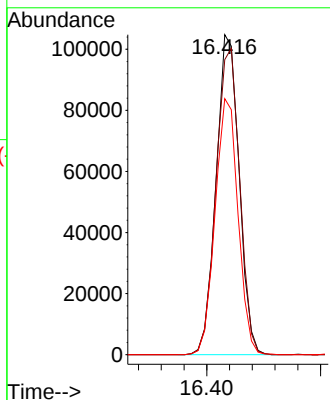
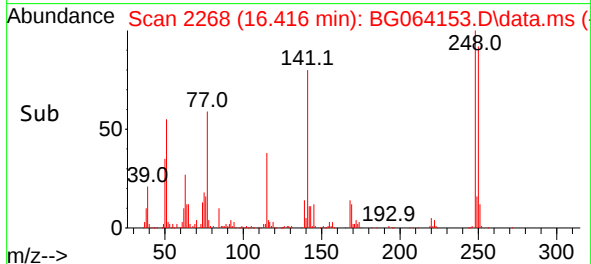
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:248 Resp: 14714
Ion Ratio Lower Upper
248 100
250 92.2 77.1 115.7
141 80.0 59.8 89.8

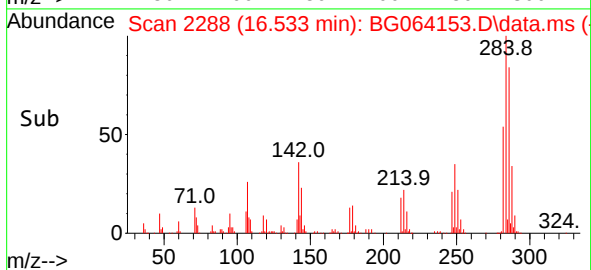
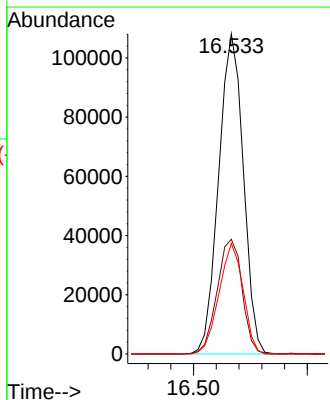
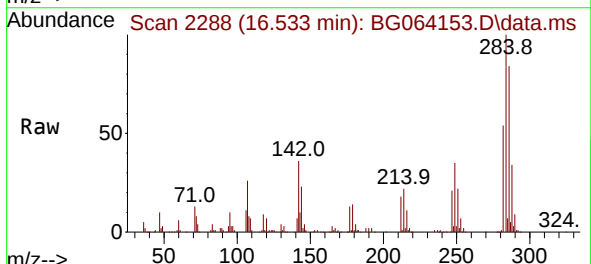
Manual Integrations
APPROVED

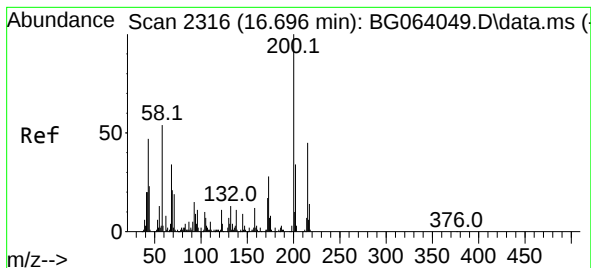
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#68
Hexachlorobenzene
Concen: 58.040 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:284 Resp: 163005
Ion Ratio Lower Upper
284 100
142 35.8 30.6 45.8
249 37.1 26.6 39.8





#69

Atrazine

Concen: 78.093 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS

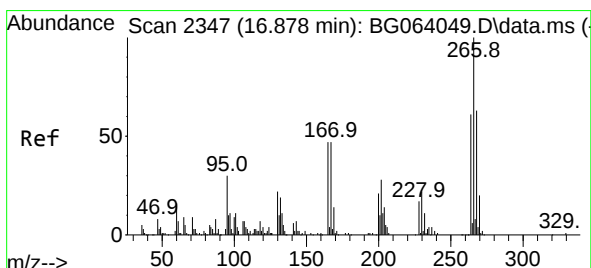
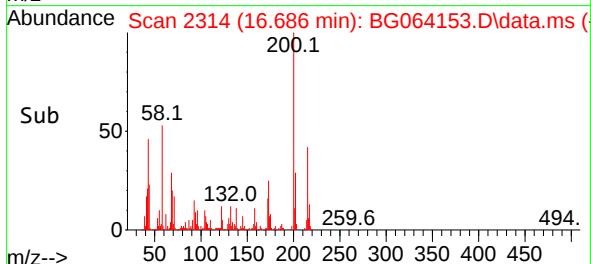
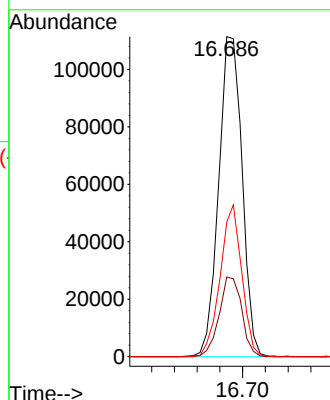
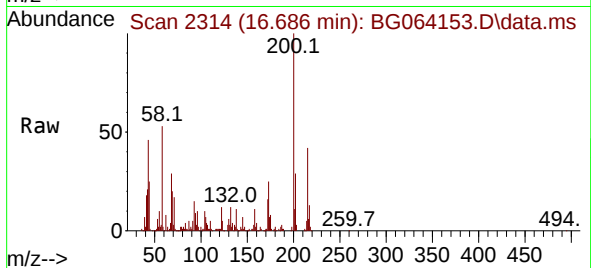
Tgt Ion:200 Resp: 15930
 Ion Ratio Lower Upper
 200 100
 173 24.9 8.2 48.2
 215 42.1 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#70

Pentachlorophenol

Concen: 123.786 ng

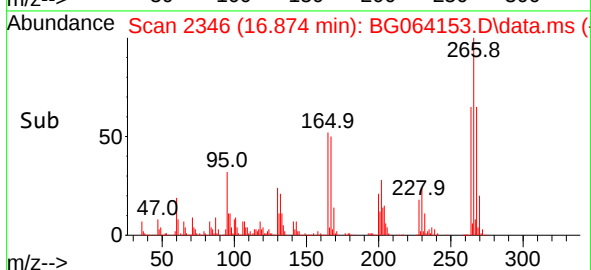
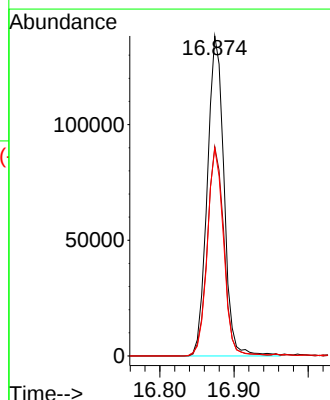
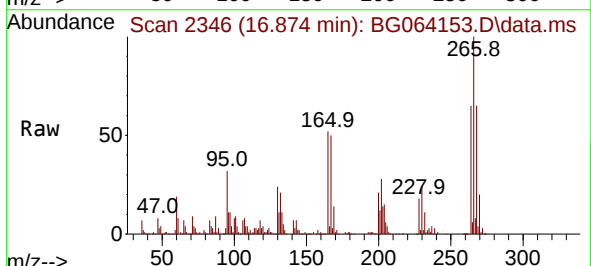
RT: 16.874 min Scan# 2346

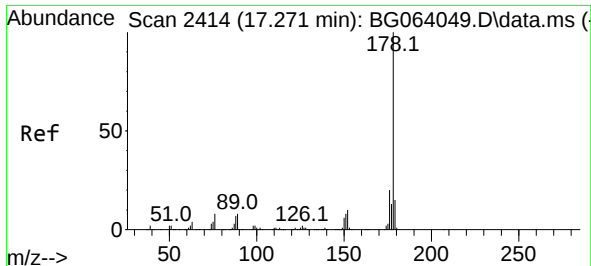
Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

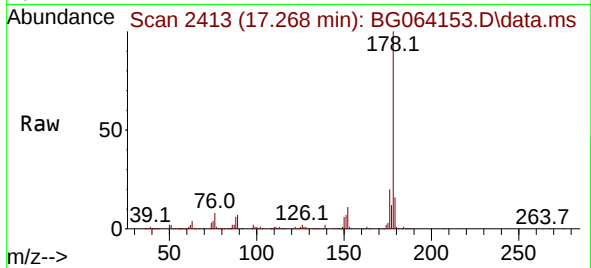
Tgt Ion:266 Resp: 215854
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.2 75.4
 264 64.9 48.9 73.3





#71
Phenanthrene
Concen: 57.075 ng
RT: 17.268 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

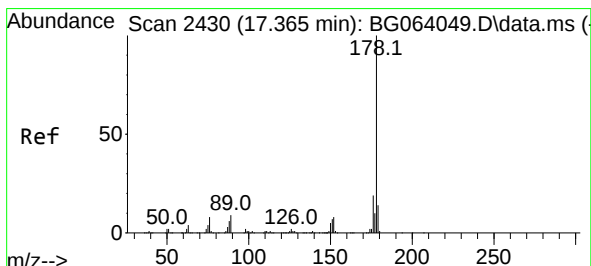
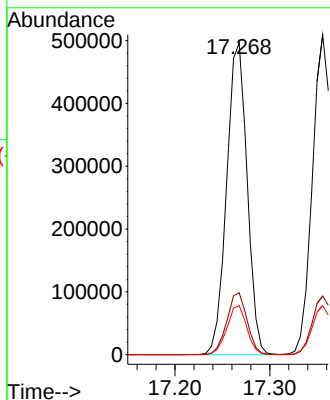
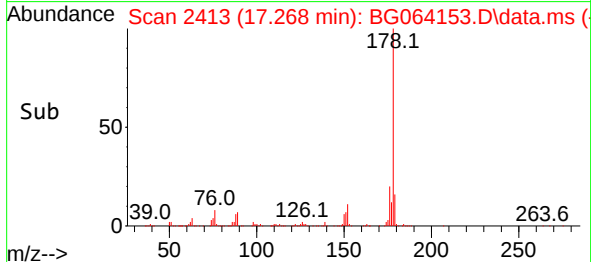
Instrument :
BNA_G
ClientSampleId :
RT5358MS



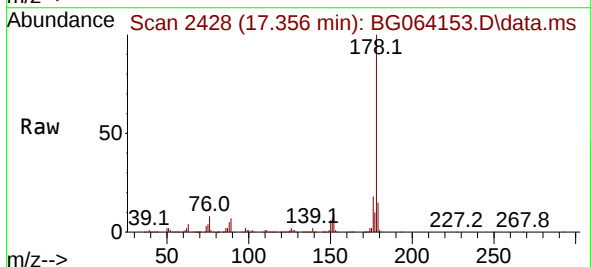
Tgt Ion:178 Resp: 745650
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.2 18.2

Manual Integrations
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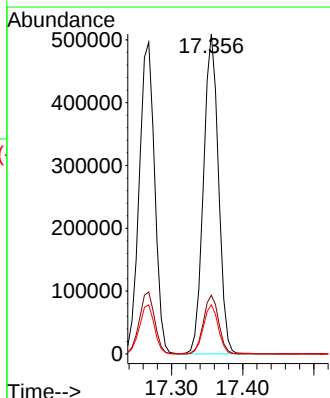
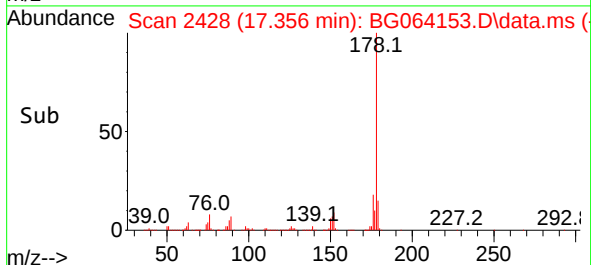
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

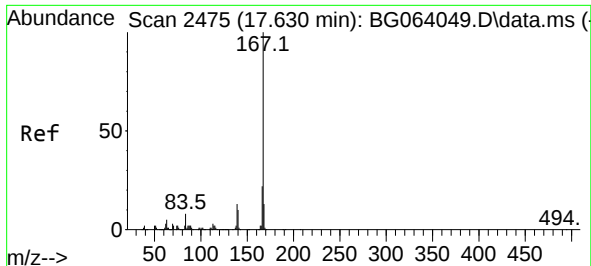


#72
Anthracene
Concen: 57.407 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



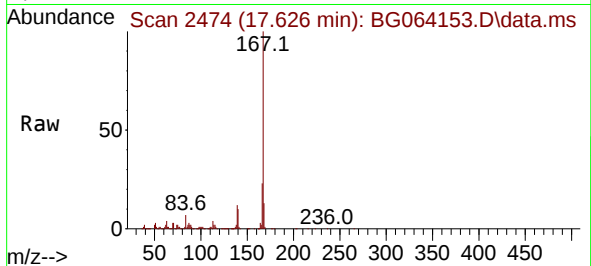
Tgt Ion:178 Resp: 745757
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 11.5 17.3





#73
Carbazole
Concen: 56.039 ng
RT: 17.626 min Scan# 2475
Delta R.T. -0.004 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

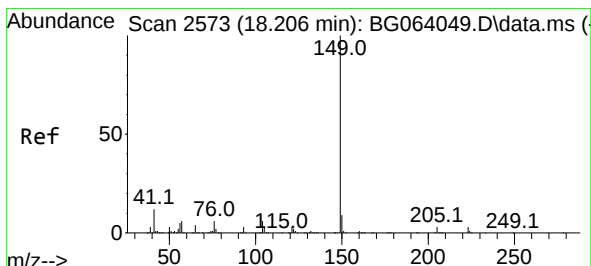
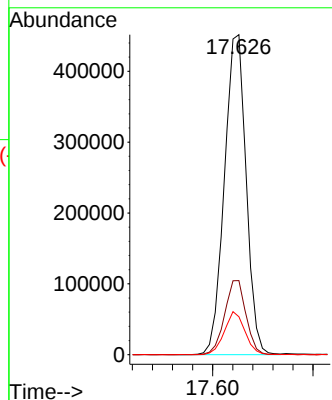
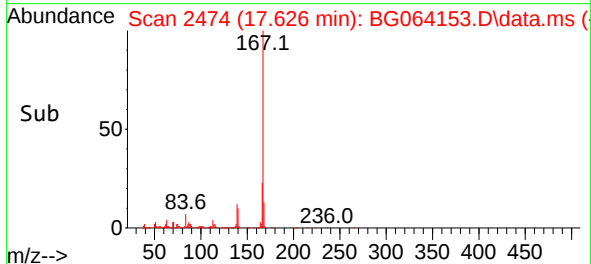
Instrument :
BNA_G
ClientSampleId :
RT5358MS



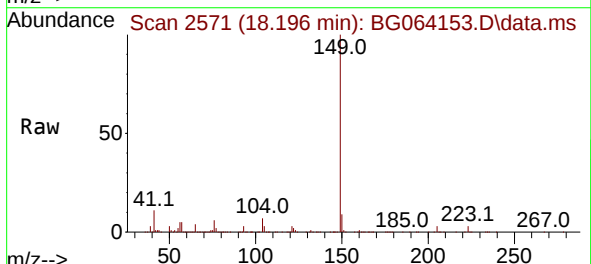
Tgt Ion:167 Resp: 67968
Ion Ratio Lower Upper
167 100
166 23.1 18.0 27.0
139 11.8 10.6 15.8

Manual Integrations
APPROVED

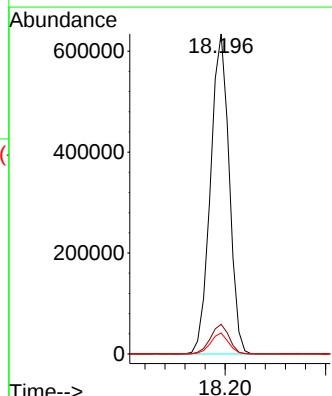
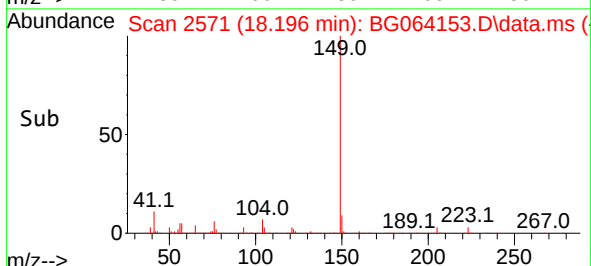
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

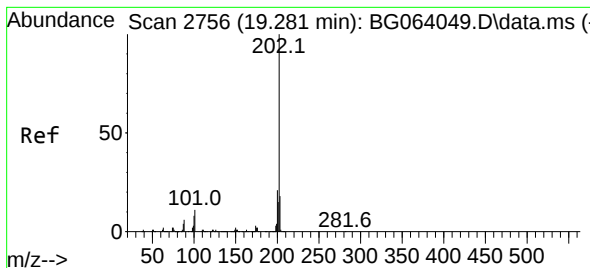


#74
Di-n-butylphthalate
Concen: 57.415 ng
RT: 18.196 min Scan# 2571
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



Tgt Ion:149 Resp: 819719
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 6.5 5.0 7.6





#75

Fluoranthene

Concen: 57.018 ng

RT: 19.277 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS

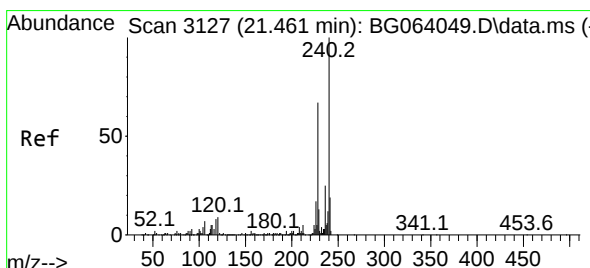
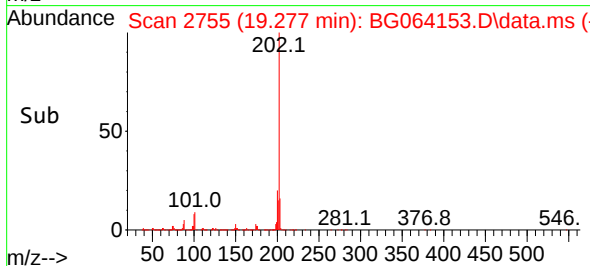
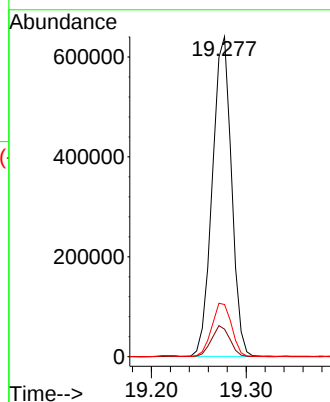
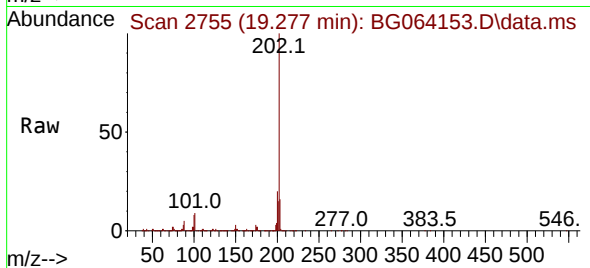
Tgt Ion:	202	Resp:	898040
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	30.5
203	16.3	0.0	38.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#76

Chrysene-d12

Concen: 20.000 ng

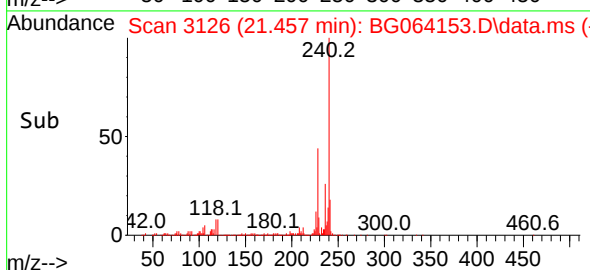
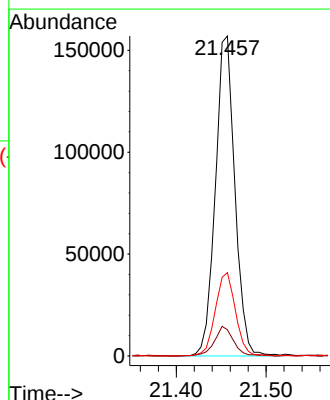
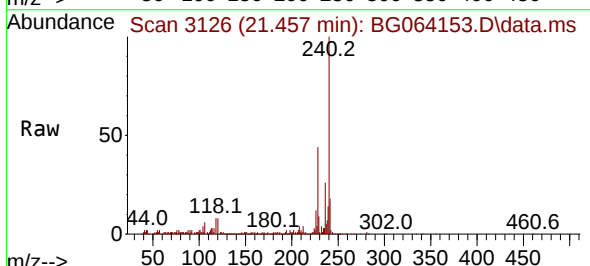
RT: 21.457 min Scan# 3126

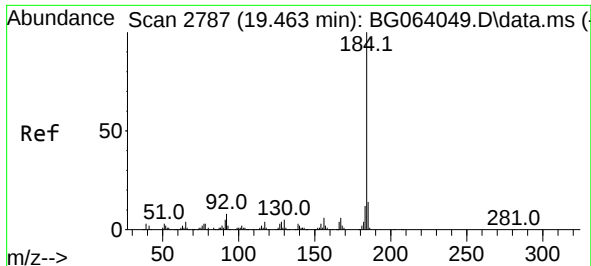
Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

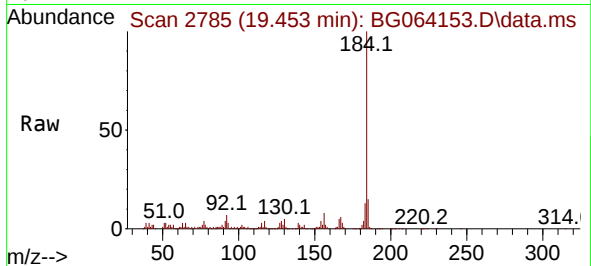
Tgt Ion:	240	Resp:	236454
Ion Ratio	Lower	Upper	
240	100		
120	8.2	7.2	10.8
236	26.1	20.2	30.2





#77
Benzidine
Concen: 77.788 ng
RT: 19.453 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

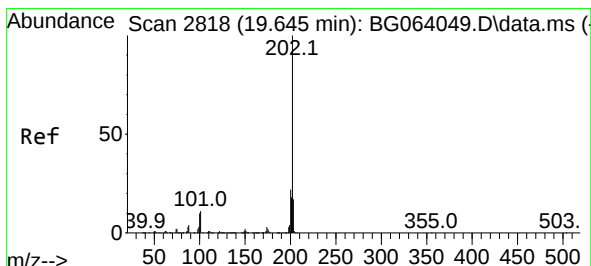
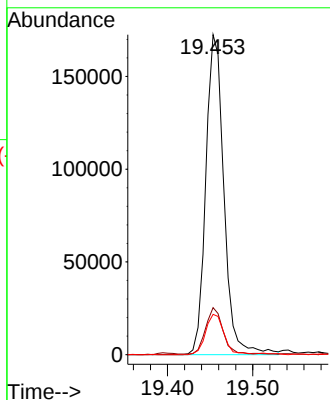
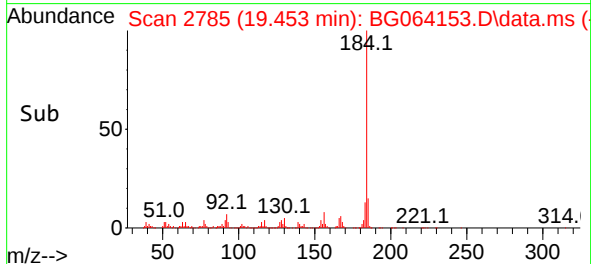
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:184 Resp: 25469
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 12.6 9.5 14.3

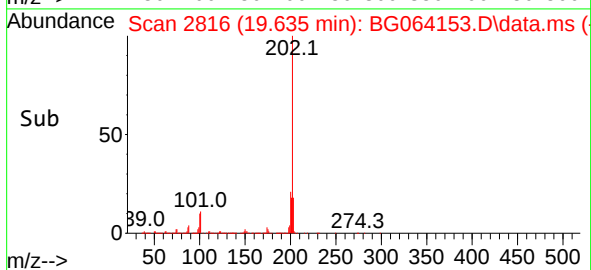
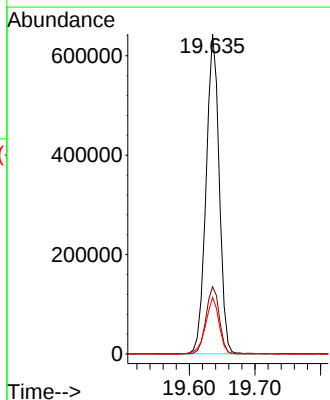
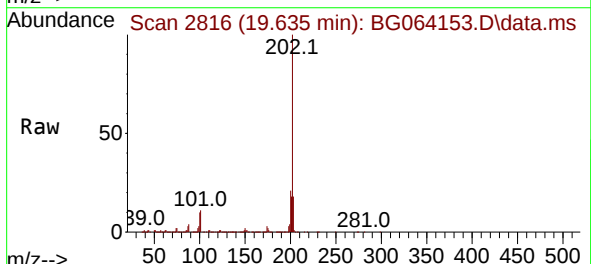
Manual Integrations
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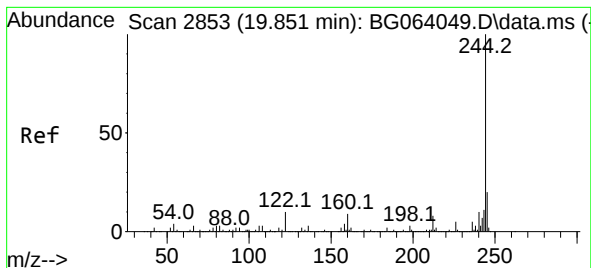
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#78
Pyrene
Concen: 58.676 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:202 Resp: 894364
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.7 13.6 20.4





#79

Terphenyl-d14

Concen: 69.725 ng

RT: 19.841 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064153.D

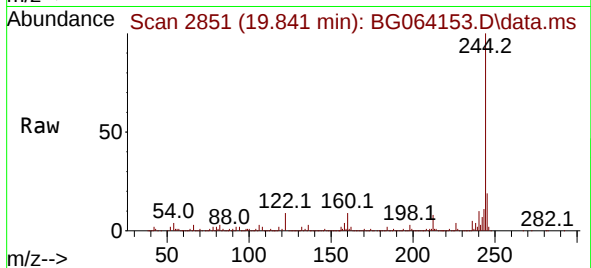
Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

RT5358MS



Tgt Ion:244 Resp: 81537

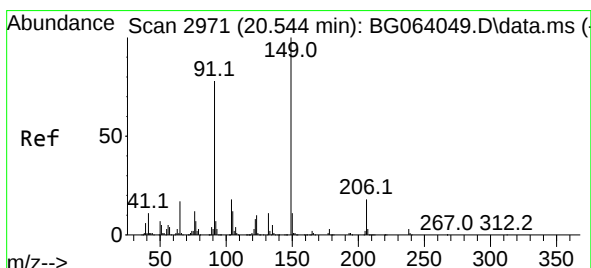
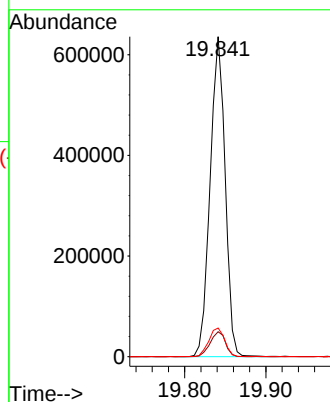
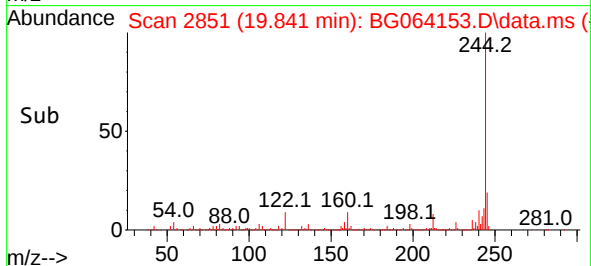
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.0	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#80

Butylbenzylphthalate

Concen: 62.754 ng

RT: 20.534 min Scan# 2969

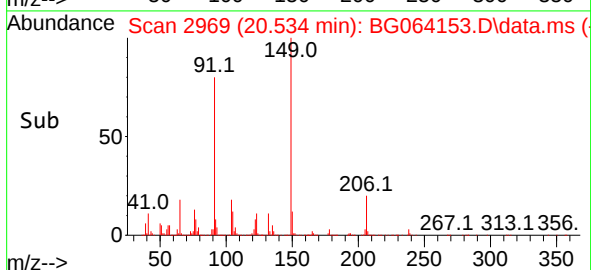
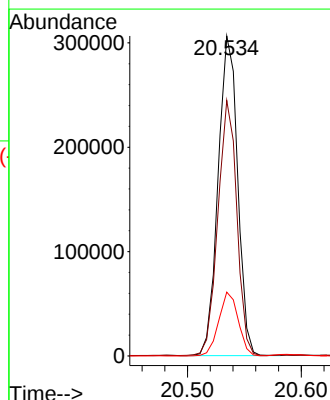
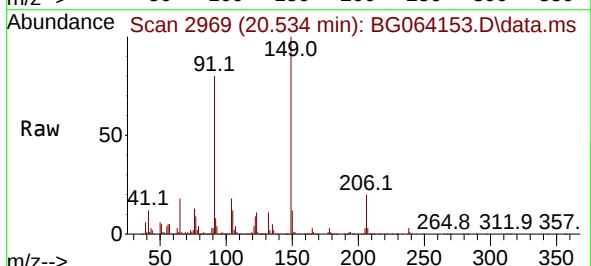
Delta R.T. -0.010 min

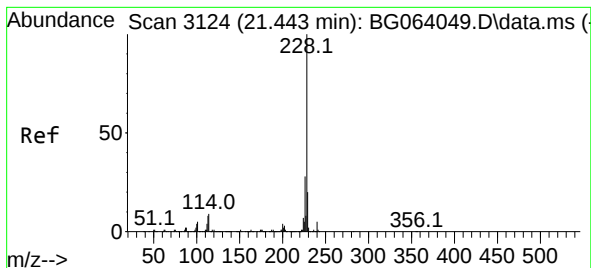
Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Tgt Ion:149 Resp: 365844

Ion	Ratio	Lower	Upper
149	100		
91	79.8	62.0	93.0
206	20.0	14.6	21.8





#81

Benzo(a)anthracene

Concen: 59.500 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

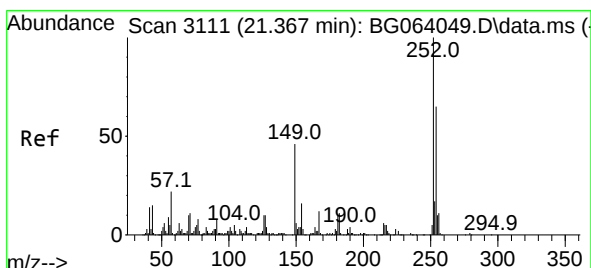
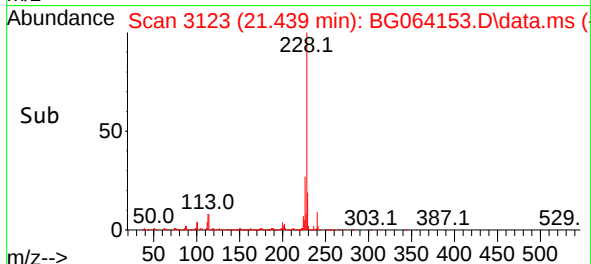
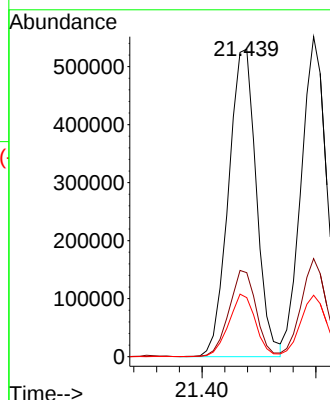
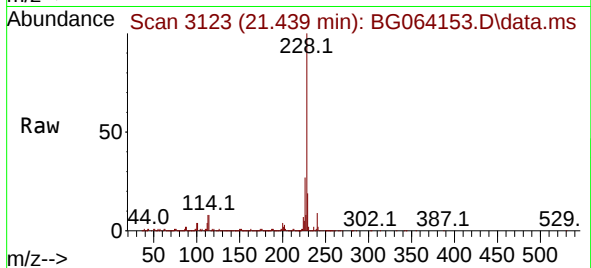
RT5358MS

Tgt Ion:228 Resp: 901217
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.2 33.2
 229 19.2 16.4 24.6

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 28.803 ng

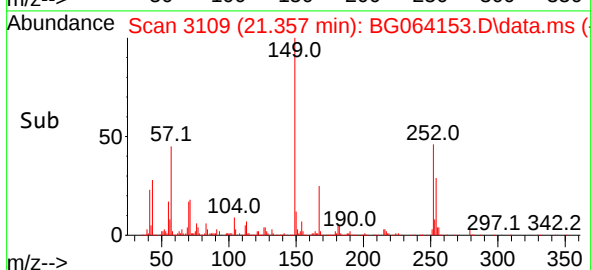
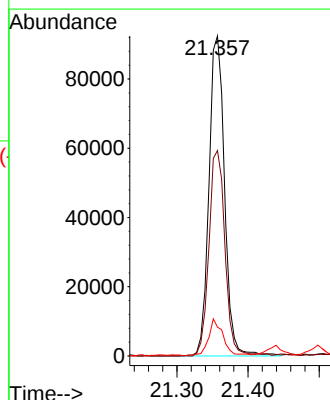
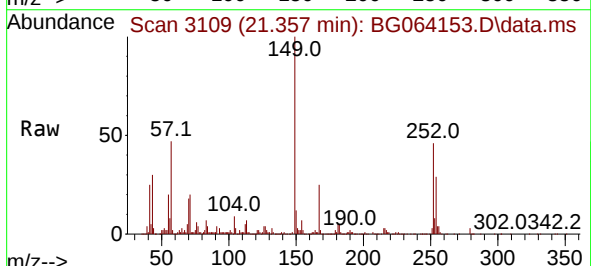
RT: 21.357 min Scan# 3109

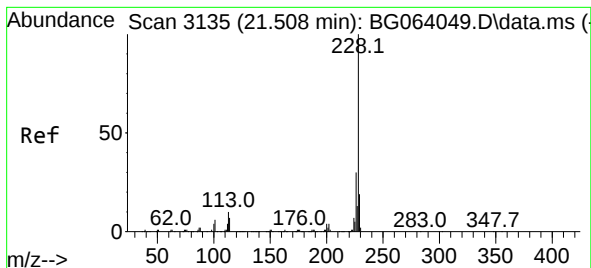
Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Tgt Ion:252 Resp: 141189
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.1 78.1
 126 9.0 7.8 11.8





#83

Chrysene

Concen: 56.324 ng

RT: 21.498 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

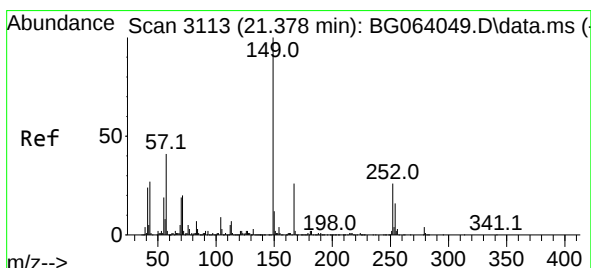
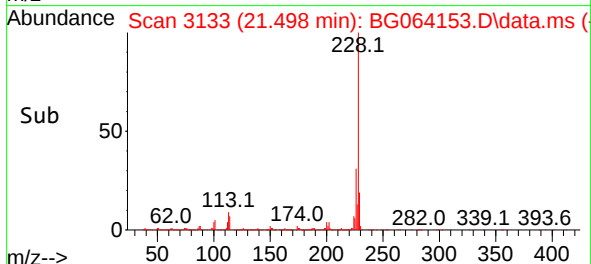
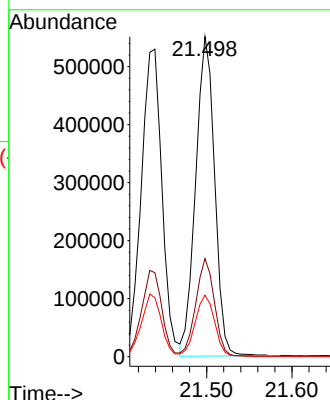
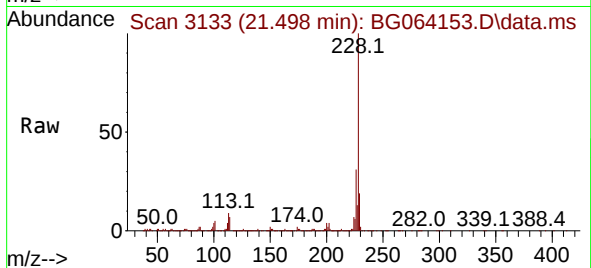
RT5358MS

Tgt Ion:228 Resp: 850879
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.9 35.9
 229 19.2 15.3 22.9

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.796 ng

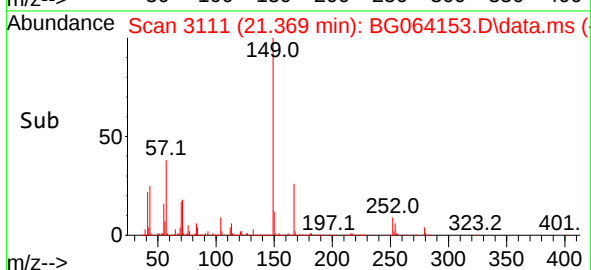
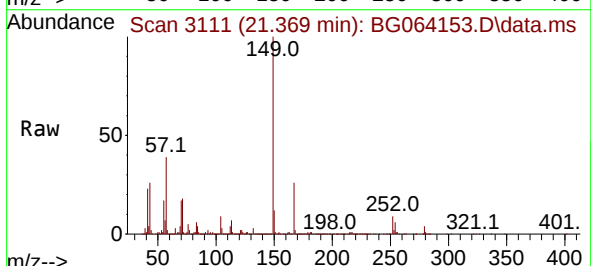
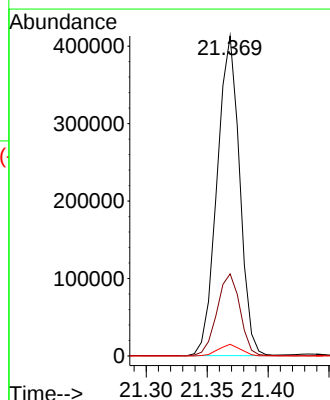
RT: 21.369 min Scan# 3111

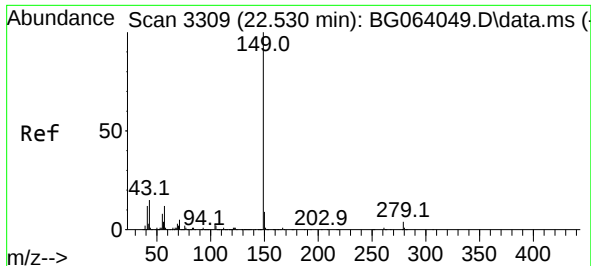
Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

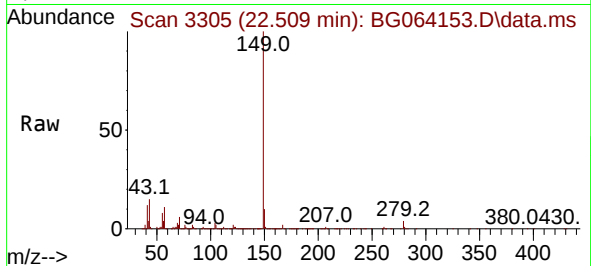
Tgt Ion:149 Resp: 530778
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.6
 279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 65.142 ng
RT: 22.509 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

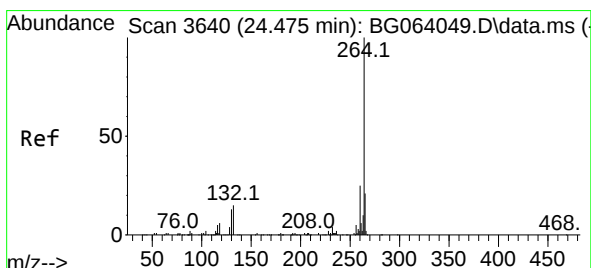
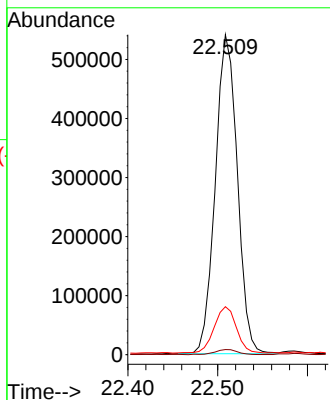
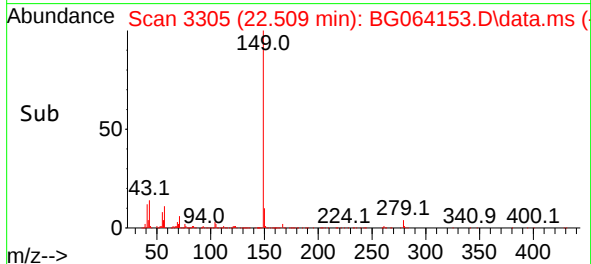
Instrument :
BNA_G
ClientSampleId :
RT5358MS



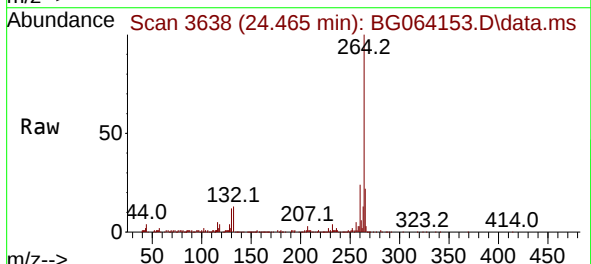
Tgt Ion:149 Resp: 920398
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.6 12.6 19.0

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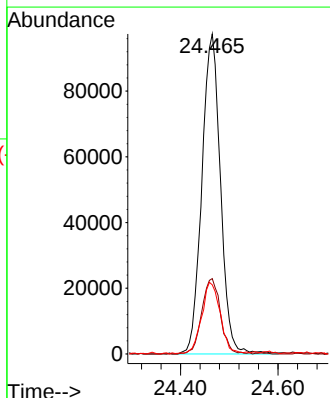
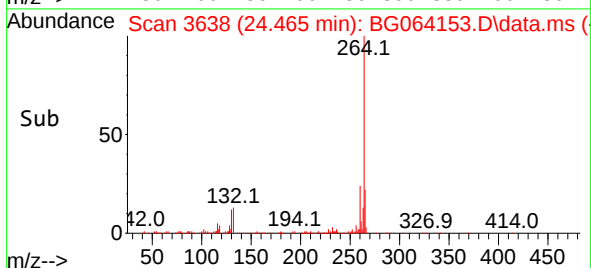
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

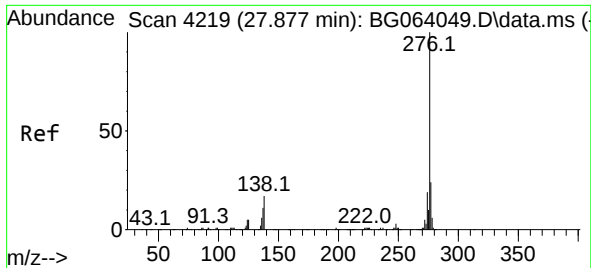


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



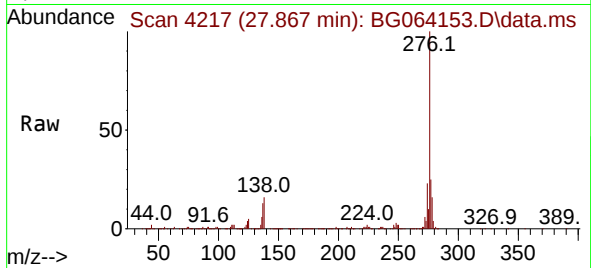
Tgt Ion:264 Resp: 257858
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.304 ng
RT: 27.867 min Scan# 4219
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

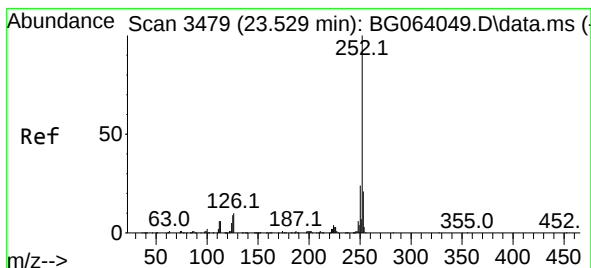
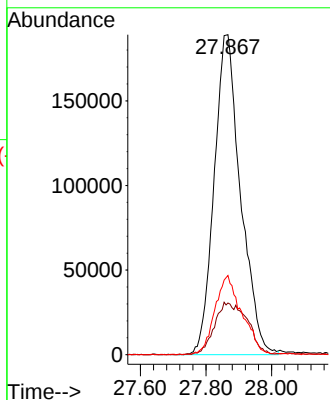
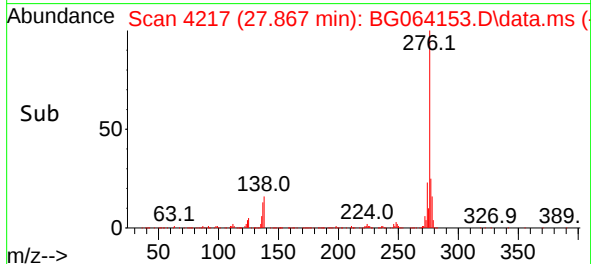
Instrument :
BNA_G
ClientSampleId :
RT5358MS



Tgt Ion:276 Resp: 1057670
Ion Ratio Lower Upper
276 100
138 11.6 12.1 18.1
277 25.3 20.0 30.0

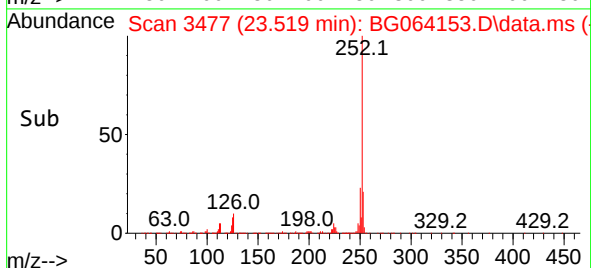
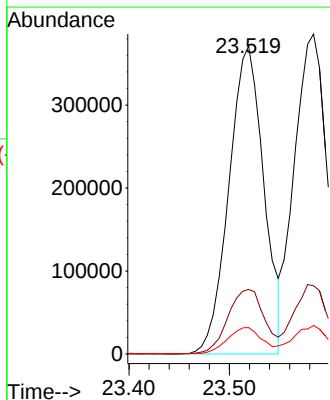
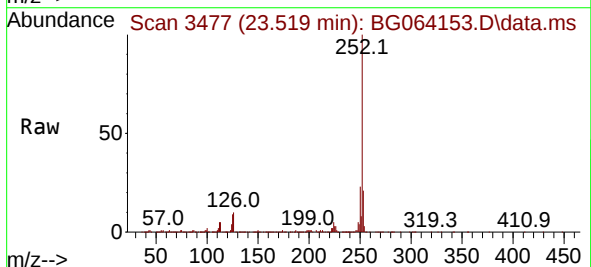
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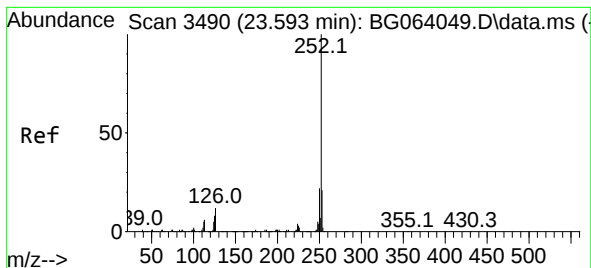
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#88
Benzo(b)fluoranthene
Concen: 57.563 ng
RT: 23.519 min Scan# 3477
Delta R.T. -0.010 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

Tgt Ion:252 Resp: 897317
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 8.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 56.532 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

Instrument :

BNA_G

ClientSampleId :

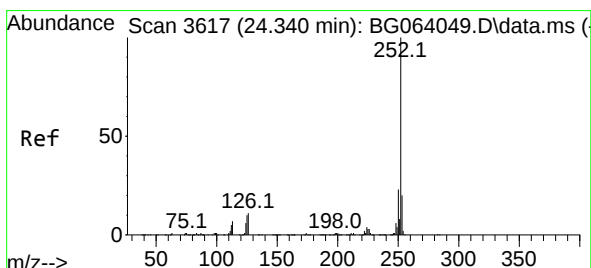
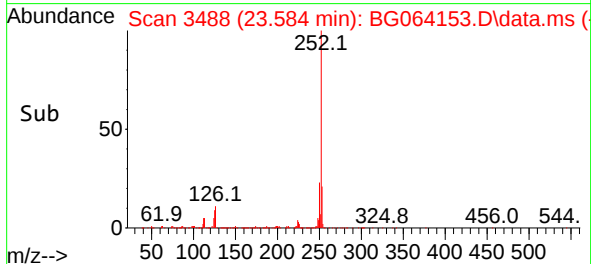
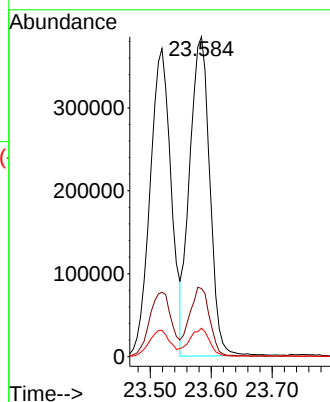
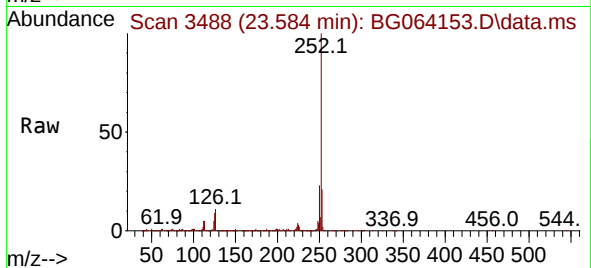
RT5358MS

Tgt Ion:252 Resp: 884078
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.8 25.2
 125 8.9 6.9 10.3

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#90

Benzo(a)pyrene

Concen: 60.757 ng

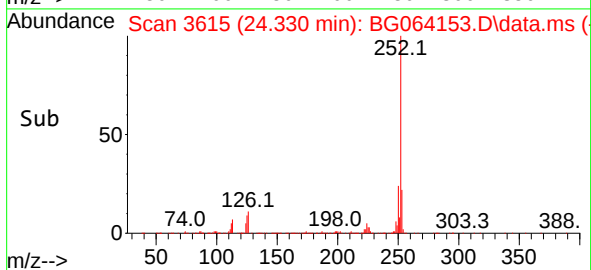
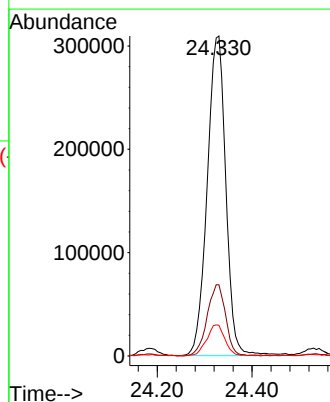
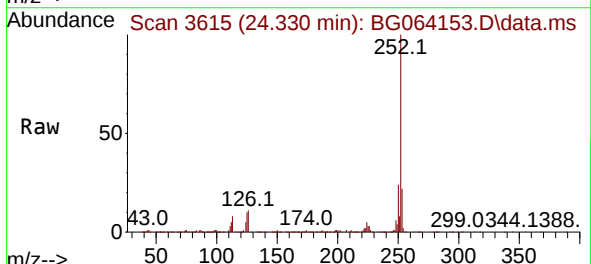
RT: 24.330 min Scan# 3615

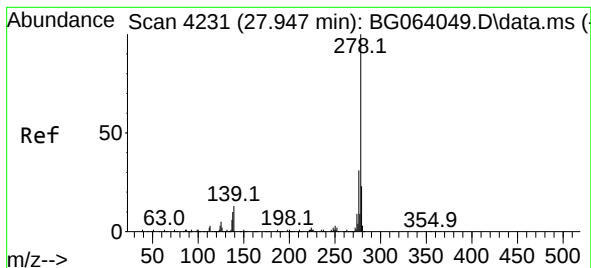
Delta R.T. -0.010 min

Lab File: BG064153.D

Acq: 2 Apr 2025 15:04

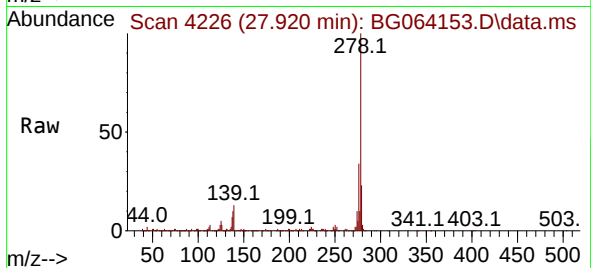
Tgt Ion:252 Resp: 843485
 Ion Ratio Lower Upper
 252 100
 253 22.2 16.2 24.2
 125 9.6 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 59.804 ng
RT: 27.920 min Scan# 41
Delta R.T. -0.027 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04

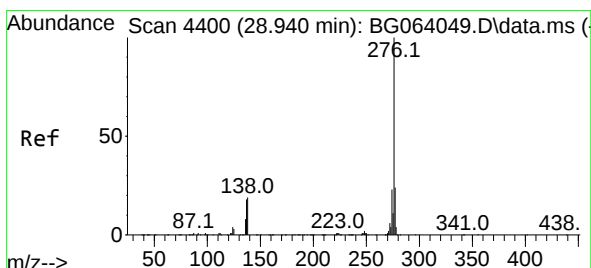
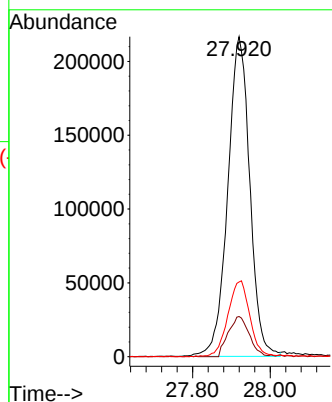
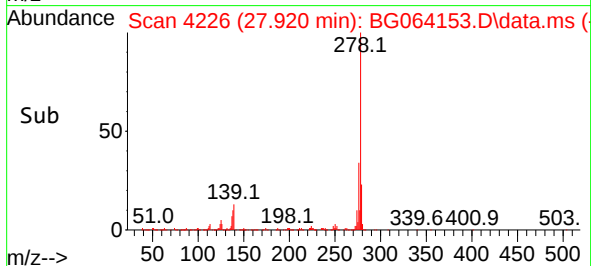
Instrument :
BNA_G
ClientSampleId :
RT5358MS



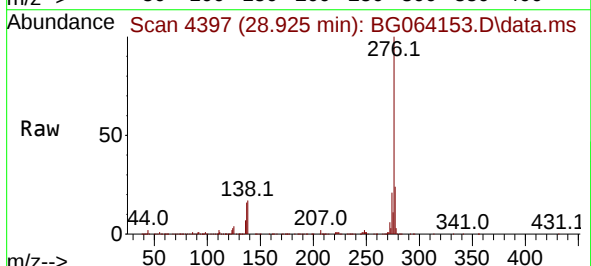
Tgt Ion:278 Resp: 85538
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.2
279 23.3 18.1 27.1

Manual Integrations
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Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#92
Benzo(g,h,i)perylene
Concen: 58.053 ng
RT: 28.925 min Scan# 4397
Delta R.T. -0.015 min
Lab File: BG064153.D
Acq: 2 Apr 2025 15:04



Tgt Ion:276 Resp: 852528
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 17.0 15.4 23.0

