

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064157.D
 Acq On : 2 Apr 2025 17:44
 Operator : RC/JU
 Sample : Q1687-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 01:18:34 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	7.858	152	43316	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	190279	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	127889	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	265025	20.000	ng	0.00
76) Chrysene-d12	21.460	240	262247	20.000	ng	0.00
86) Perylene-d12	24.468	264	282527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	370725	133.638	ng	0.00
7) Phenol-d6	7.035	99	464926	123.197	ng	0.00
23) Nitrobenzene-d5	9.015	82	323196	93.864	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	204685	143.985	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	696118	82.620	ng	0.00
79) Terphenyl-d14	19.844	244	986659	76.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	42305	33.649	ng	96
3) Pyridine	3.757	79	119577	39.108	ng	98
4) n-Nitrosodimethylamine	3.675	42	93960	43.011	ng	# 98
6) Aniline	7.188	93	96593	26.084	ng	96
8) 2-Chlorophenol	7.429	128	159521	53.541	ng	97
9) Benzaldehyde	7.000	77	104467	47.597	ng	98
10) Phenol	7.059	94	195313	50.549	ng	95
11) bis(2-Chloroethyl)ether	7.288	93	142387	47.005	ng	97
12) 1,3-Dichlorobenzene	7.752	146	159602	48.781	ng	97
13) 1,4-Dichlorobenzene	7.893	146	162451	48.441	ng	97
14) 1,2-Dichlorobenzene	8.211	146	159781	49.410	ng	97
15) Benzyl Alcohol	8.099	79	152940	52.444	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	323141	47.442	ng	99
17) 2-Methylphenol	8.299	107	136215	53.118	ng	95
18) Hexachloroethane	8.939	117	64237	54.748	ng	98
19) n-Nitroso-di-n-propyla...	8.663	70	127296	48.064	ng	98
20) 3+4-Methylphenols	8.628	107	185202	52.460	ng	94
22) Acetophenone	8.681	105	244056	46.780	ng	# 98
24) Nitrobenzene	9.057	77	184831	51.942	ng	98
25) Isophorone	9.580	82	338103	49.059	ng	# 93
26) 2-Nitrophenol	9.762	139	81256	61.943	ng	96
27) 2,4-Dimethylphenol	9.826	122	157502	76.234	ng	97
28) bis(2-Chloroethoxy)met...	10.061	93	197211	47.199	ng	98
29) 2,4-Dichlorophenol	10.296	162	145878	55.917	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	157083	49.878	ng	97
31) Naphthalene	10.702	128	501508	48.878	ng	99
32) Benzoic acid	9.973	122	106078	54.480	ng	98
33) 4-Chloroaniline	10.802	127	44382	11.835	ng	97
34) Hexachlorobutadiene	10.990	225	106744	51.711	ng	96
35) Caprolactam	11.577	113	47236m	47.248	ng	
36) 4-Chloro-3-methylphenol	11.930	107	177990	52.049	ng	99
37) 2-Methylnaphthalene	12.306	142	333160	45.995	ng	97
38) 1-Methylnaphthalene	12.529	142	346646	48.848	ng	98
40) 1,2,4,5-Tetrachloroben...	12.676	216	192995	52.859	ng	97
41) Hexachlorocyclopentadiene	12.658	237	204683	199.182	ng	95
43) 2,4,6-Trichlorophenol	12.911	196	125796	58.459	ng	96

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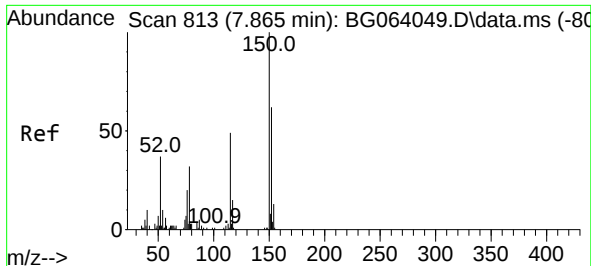
Manual Integrations
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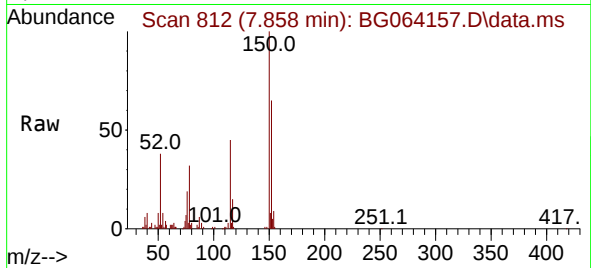
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	142257	59.496	ng	98
46) 1,1'-Biphenyl	13.322	154	492941	51.018	ng	98
47) 2-Chloronaphthalene	13.357	162	362598	51.455	ng	99
48) 2-Nitroaniline	13.557	65	130838	54.429	ng	98
49) Acenaphthylene	14.204	152	593199	53.220	ng	98
50) Dimethylphthalate	13.945	163	440844	46.697	ng	100
51) 2,6-Dinitrotoluene	14.057	165	97543	50.726	ng	96
52) Acenaphthene	14.550	154	365488	48.860	ng	99
53) 3-Nitroaniline	14.380	138	46497	25.484	ng	99
54) 2,4-Dinitrophenol	14.591	184	98948	119.588	ng	# 81
55) Dibenzofuran	14.885	168	578693	47.755	ng	100
56) 4-Nitrophenol	14.697	139	169793	110.960	ng	# 86
57) 2,4-Dinitrotoluene	14.844	165	139654	52.479	ng	# 95
58) Fluorene	15.531	166	474951	50.322	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.108	232	127830	54.839	ng	# 94
60) Diethylphthalate	15.314	149	472461	46.100	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	217226	46.315	ng	# 89
62) 4-Nitroaniline	15.549	138	93889	47.662	ng	95
63) Azobenzene	15.819	77	511522	46.774	ng	97
65) 4,6-Dinitro-2-methylph...	15.608	198	74975	62.505	ng	93
66) n-Nitrosodiphenylamine	15.743	169	396447	52.847	ng	97
67) 4-Bromophenyl-phenylether	16.419	248	148201	54.599	ng	96
68) Hexachlorobenzene	16.536	284	155929	51.312	ng	97
69) Atrazine	16.695	200	157790	71.486	ng	96
70) Pentachlorophenol	16.877	266	222621	117.990	ng	98
71) Phenanthrene	17.271	178	1060213	75.002	ng	99
72) Anthracene	17.359	178	857506	61.006	ng	98
73) Carbazole	17.623	167	722612	55.062	ng	100
74) Di-n-butylphthalate	18.193	149	796427	51.556	ng	99
75) Fluoranthene	19.280	202	1276859	74.925	ng	98
77) Benzidine	19.462	184	299095	82.364	ng	99
78) Pyrene	19.638	202	1492921	88.313	ng	98
80) Butylbenzylphthalate	20.537	149	358367	55.850	ng	98
81) Benzo(a)anthracene	21.442	228	1057923	62.976	ng	99
82) 3,3'-Dichlorobenzidine	21.360	252	67895	12.488	ng	# 96
83) Chrysene	21.501	228	1073498	64.072	ng	98
84) Bis(2-ethylhexyl)phtha...	21.372	149	530404	58.382	ng	97
85) Di-n-octyl phthalate	22.511	149	907122	57.888	ng	98
87) Indeno(1,2,3-cd)pyrene	27.882	276	1081138	57.193	ng	98
88) Benzo(b)fluoranthene	23.528	252	1055020	61.770	ng	98
89) Benzo(k)fluoranthene	23.587	252	914750	53.386	ng	98
90) Benzo(a)pyrene	24.333	252	921559	60.585	ng	99
91) Dibenzo(a,h)anthracene	27.935	278	848715	54.157	ng	100
92) Benzo(g,h,i)perylene	28.933	276	869934	54.066	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.858 min Scan# 813
 Delta R.T. -0.007 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44

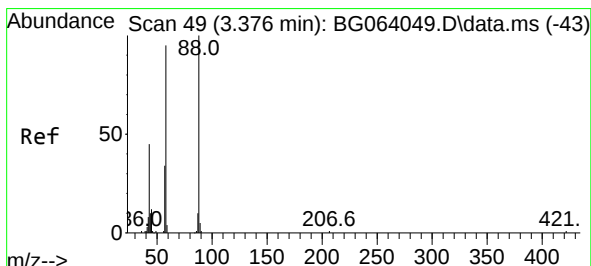
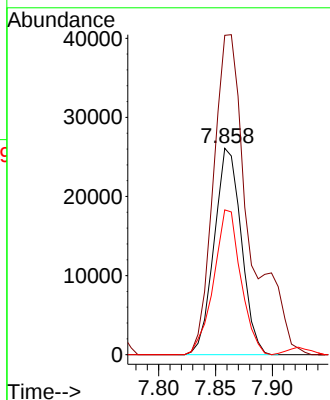
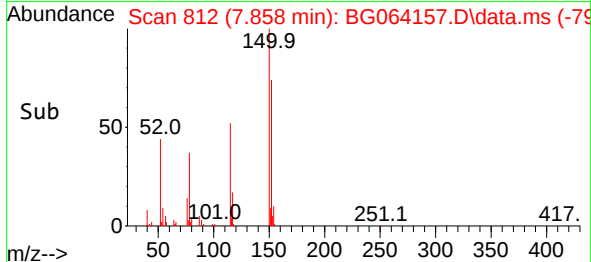
Instrument :
 BNA_G
 ClientSampleId :
 72-12016MS



Tgt Ion:152 Resp: 43310
 Ion Ratio Lower Upper
 152 100
 150 154.7 129.2 193.8
 115 70.1 63.0 94.6

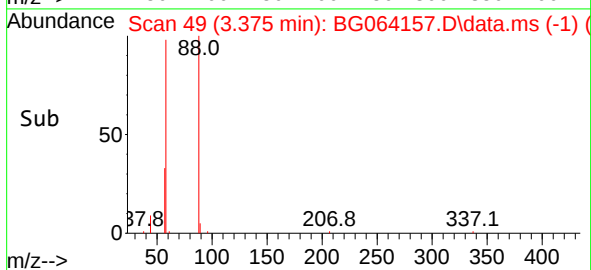
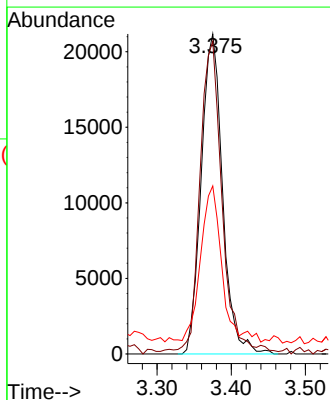
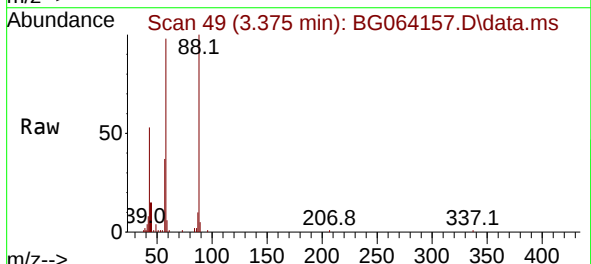
Manual Integrations
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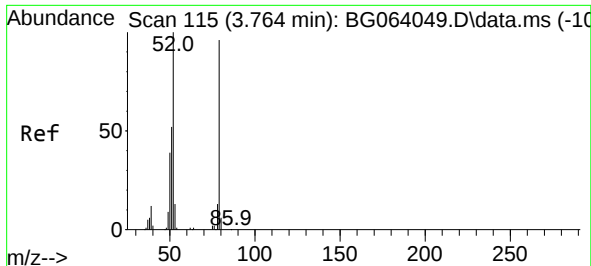
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#2
 1,4-Dioxane
 Concen: 33.649 ng
 RT: 3.375 min Scan# 49
 Delta R.T. -0.001 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44

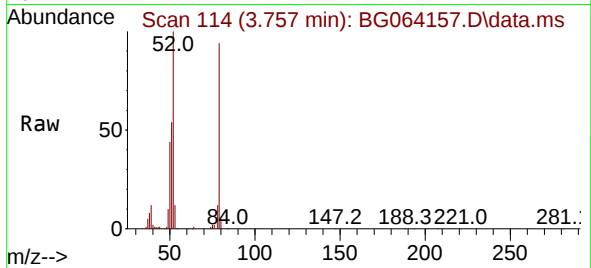
Tgt Ion: 88 Resp: 42305
 Ion Ratio Lower Upper
 88 100
 58 97.6 74.6 111.8
 43 46.0 35.5 53.3





#3
Pyridine
Concen: 39.108 ng
RT: 3.757 min Scan# 115
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

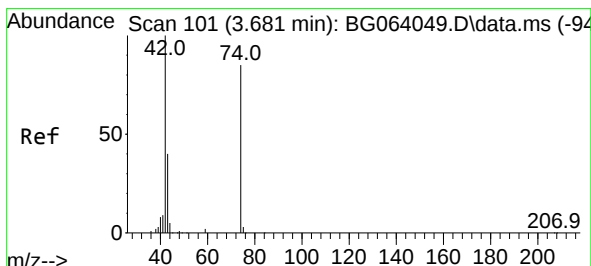
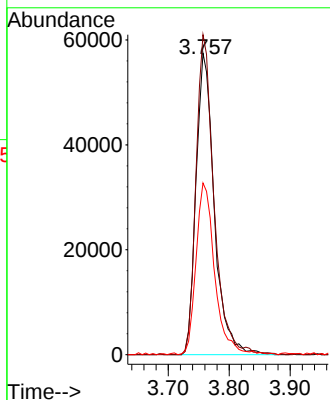
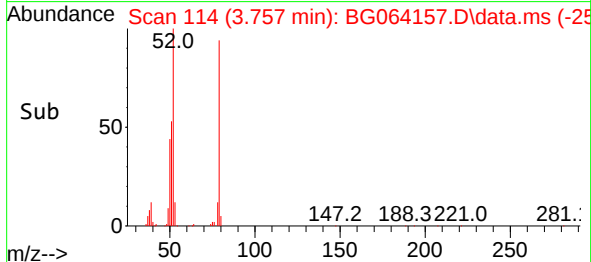
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion: 79 Resp: 11957
Ion Ratio Lower Upper
79 100
52 106.1 83.0 124.6
51 56.9 44.3 66.5

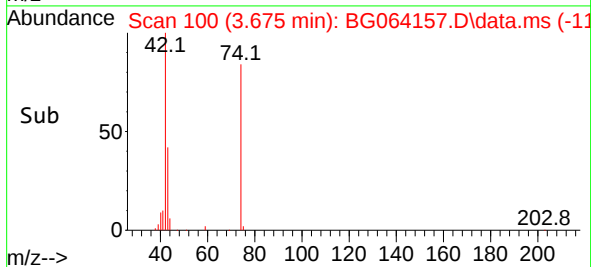
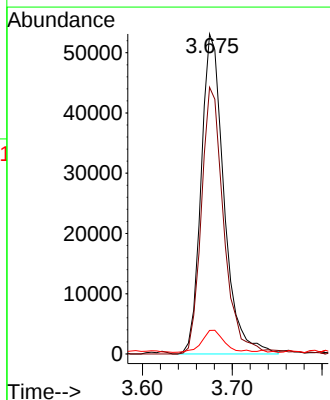
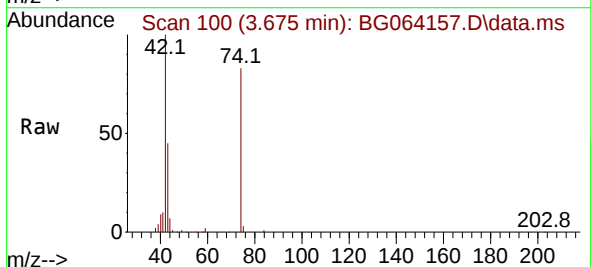
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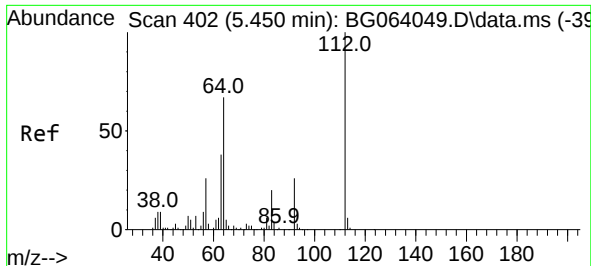
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#4
n-Nitrosodimethylamine
Concen: 43.011 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

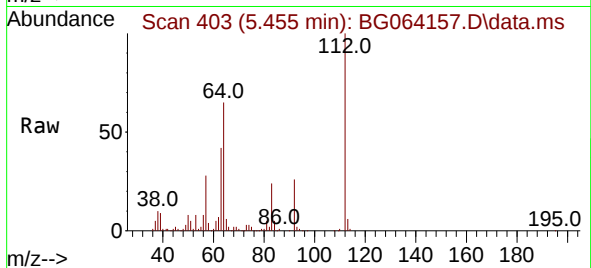
Tgt Ion: 42 Resp: 93960
Ion Ratio Lower Upper
42 100
74 83.4 68.0 102.0
44 7.4 4.9 7.3#





#5
2-Fluorophenol
Concen: 133.638 ng
RT: 5.455 min Scan# 402
Delta R.T. 0.005 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

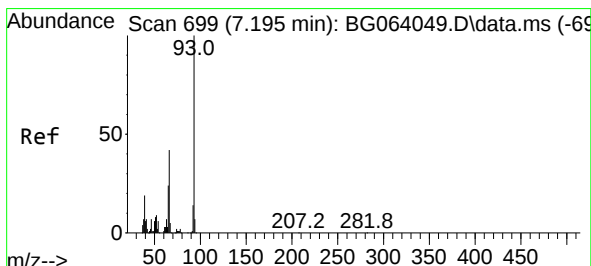
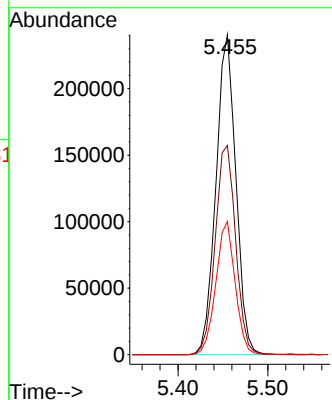
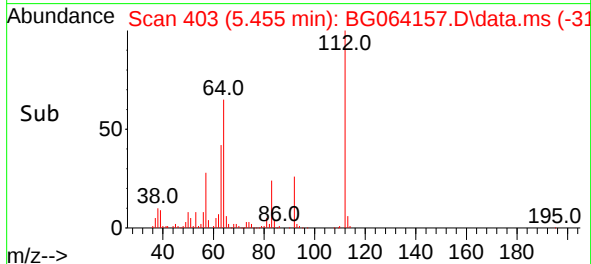
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Tgt Ion:112 Resp: 370725
Ion Ratio Lower Upper
112 100
64 65.4 53.7 80.5
63 41.6 30.2 45.4

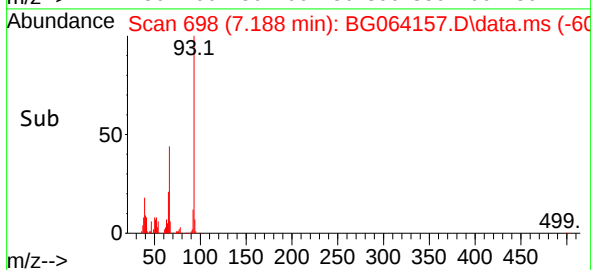
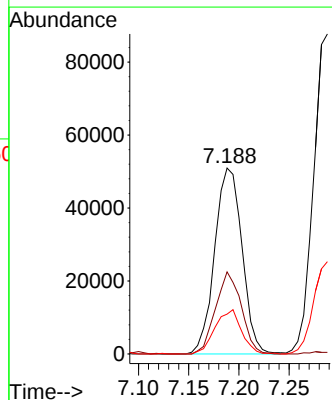
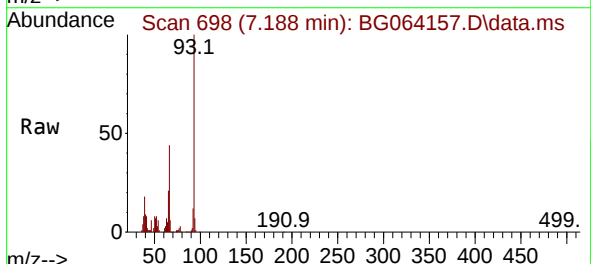
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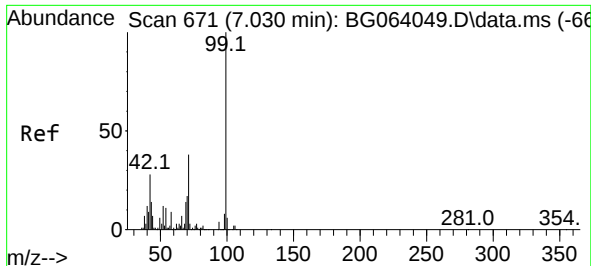
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#6
Aniline
Concen: 26.084 ng
RT: 7.188 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

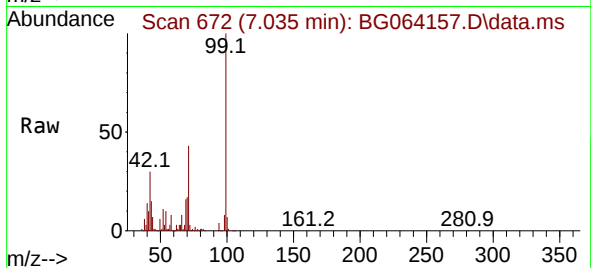
Tgt Ion: 93 Resp: 96593
Ion Ratio Lower Upper
93 100
66 44.2 33.7 50.5
65 21.4 19.1 28.7





#7
Phenol-d6
Concen: 123.197 ng
RT: 7.035 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

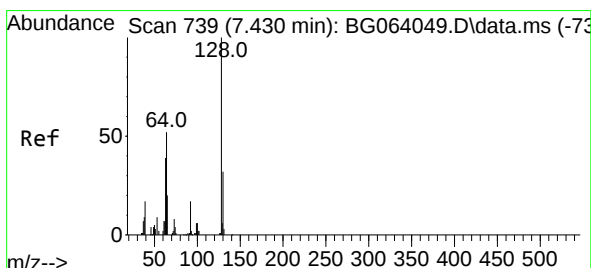
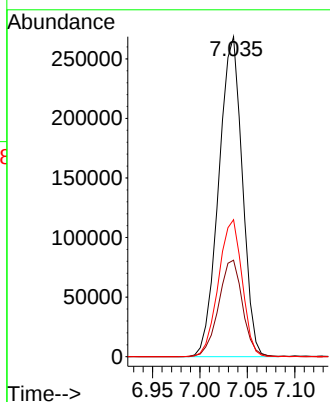
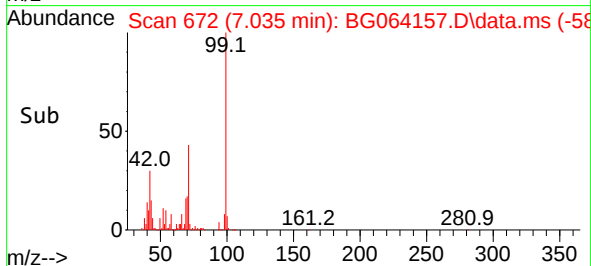
Instrument :
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Tgt Ion: 99 Resp: 464920
Ion Ratio Lower Upper
99 100
42 30.1 22.7 34.1
71 42.8 30.6 46.0

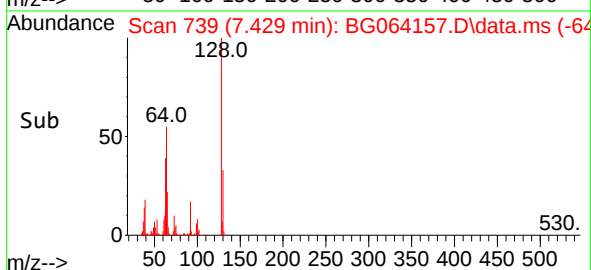
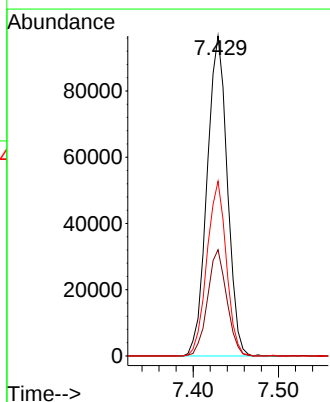
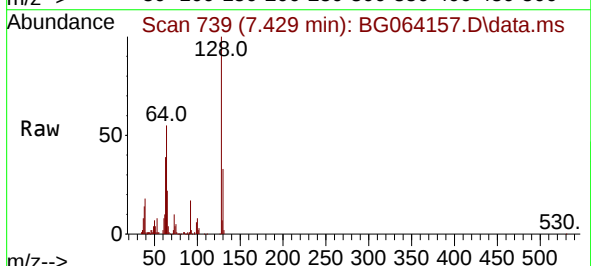
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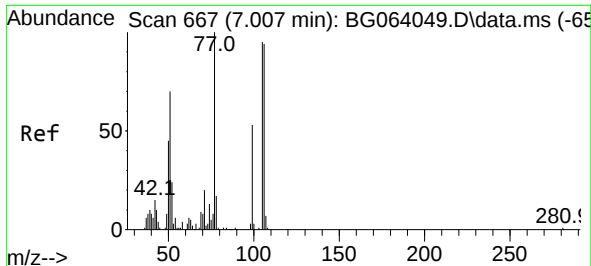
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#8
2-Chlorophenol
Concen: 53.541 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:128 Resp: 159521
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 54.6 37.0 77.0





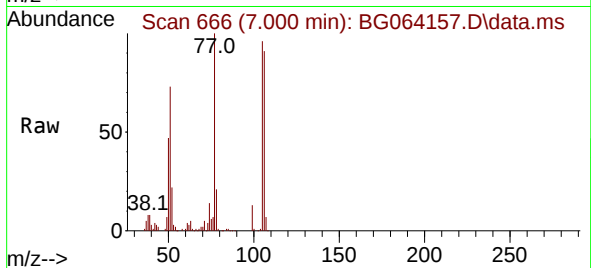
#9
Benzaldehyde
Concen: 47.597 ng
RT: 7.000 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

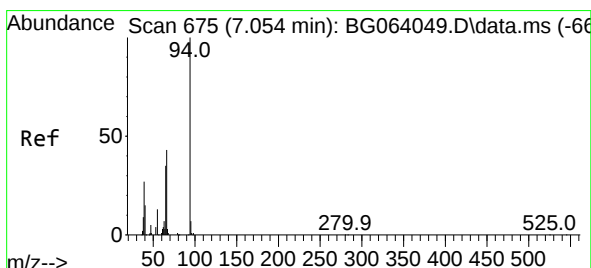
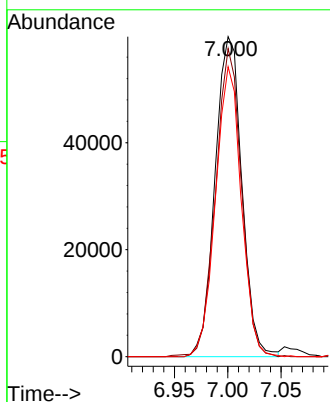
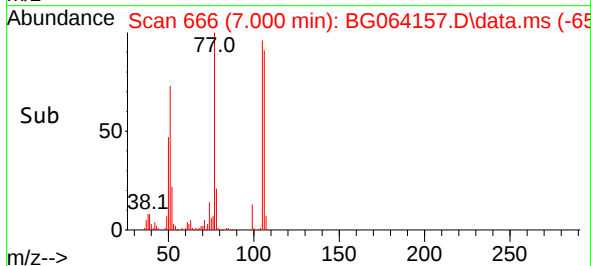


Tgt Ion: 77 Resp: 10446
Ion Ratio Lower Upper
77 100
105 96.3 75.5 115.5
106 90.6 74.2 114.2

Manual Integrations

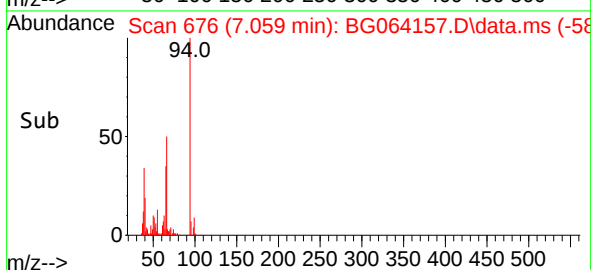
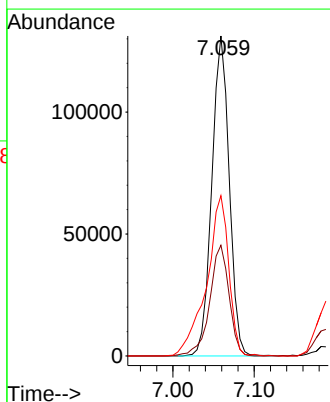
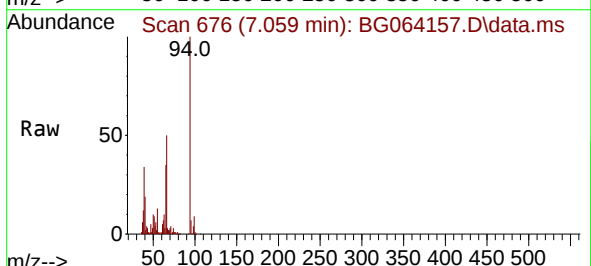
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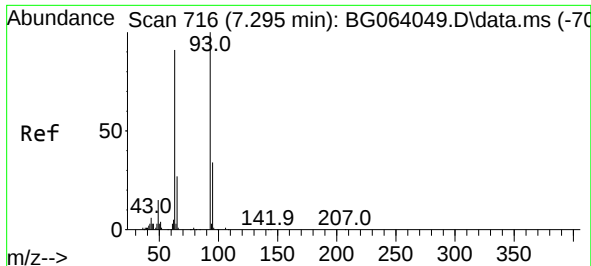
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#10
Phenol
Concen: 50.549 ng
RT: 7.059 min Scan# 676
Delta R.T. 0.005 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

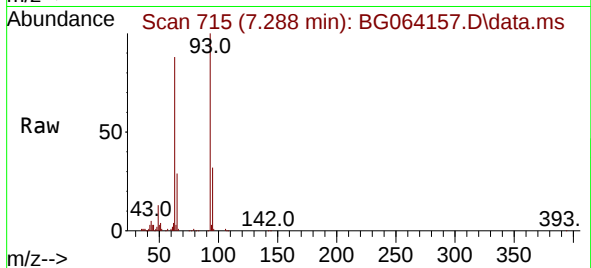
Tgt Ion: 94 Resp: 195313
Ion Ratio Lower Upper
94 100
65 34.6 15.2 55.2
66 50.1 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 47.005 ng
RT: 7.288 min Scan# 716
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

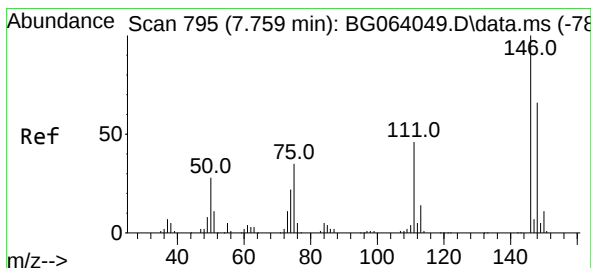
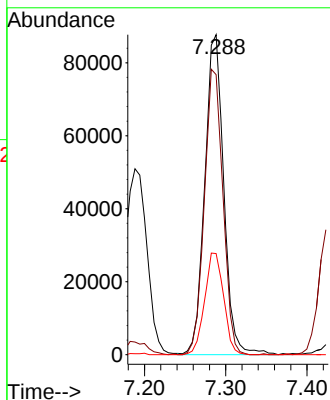
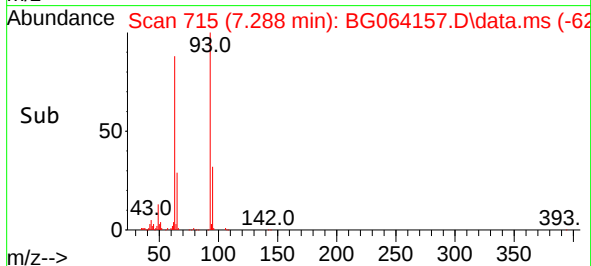
Instrument :
BNA_G
ClientSampleId :
72-12016MS



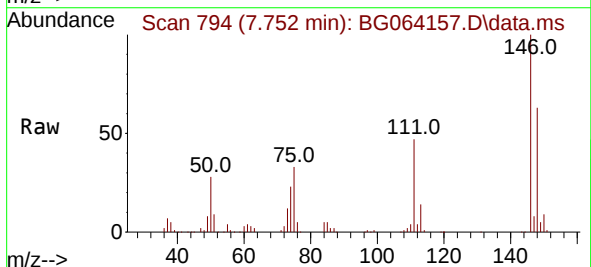
Tgt Ion: 93 Resp: 14238
Ion Ratio Lower Upper
93 100
63 87.5 70.0 110.0
95 31.6 13.7 53.7

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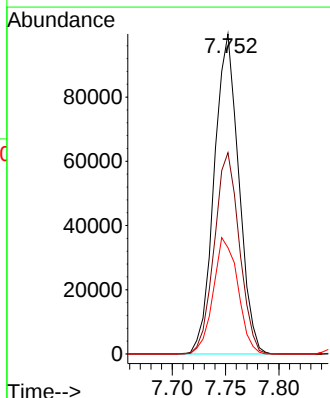
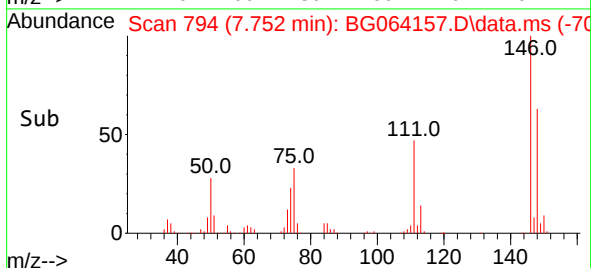
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#12
1,3-Dichlorobenzene
Concen: 48.781 ng
RT: 7.752 min Scan# 794
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



Tgt Ion:146 Resp: 159602
Ion Ratio Lower Upper
146 100
148 62.9 52.6 78.8
75 33.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 48.441 ng

RT: 7.893 min Scan# 819

Delta R.T. -0.007 min

Lab File: BG064157.D

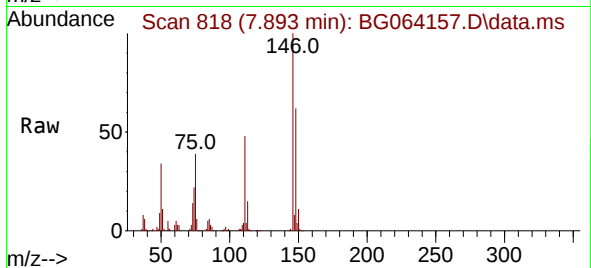
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



Tgt Ion:146 Resp: 16245

Ion Ratio Lower Upper

146 100

148 62.1 50.6 75.8

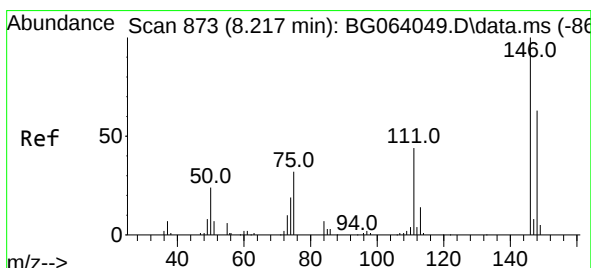
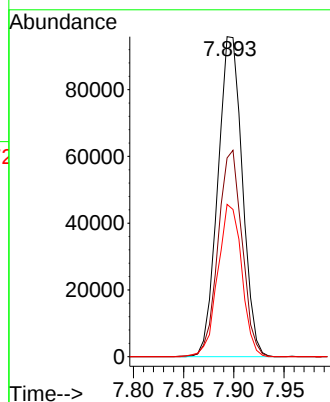
111 47.6 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#14

1,2-Dichlorobenzene

Concen: 49.410 ng

RT: 8.211 min Scan# 872

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

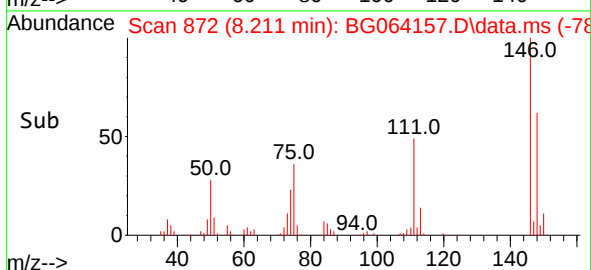
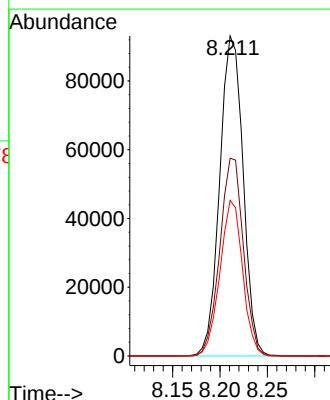
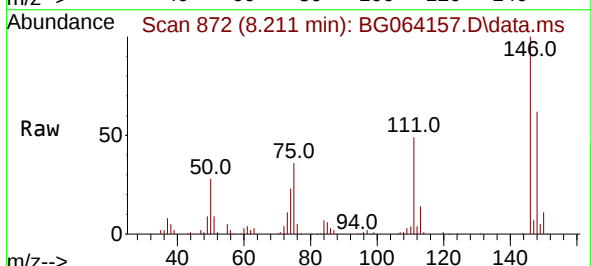
Tgt Ion:146 Resp: 159781

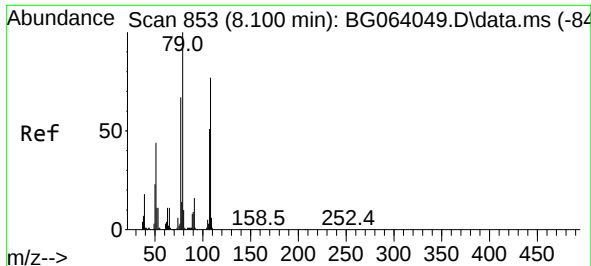
Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

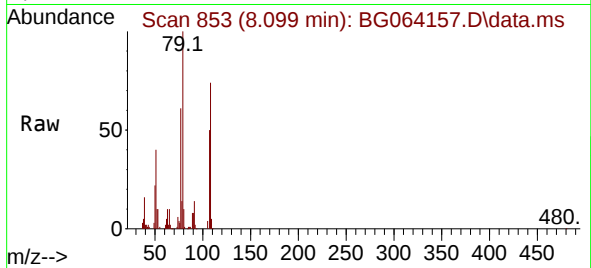
111 48.6 36.4 54.6





#15
Benzyl Alcohol
Concen: 52.444 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

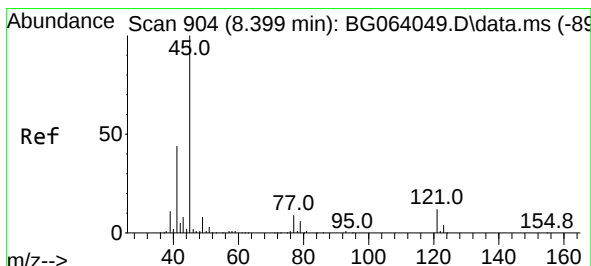
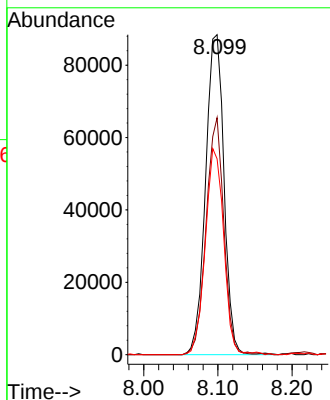
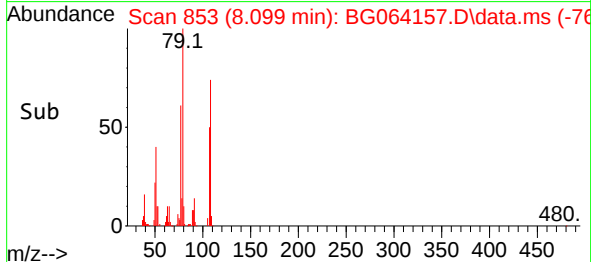
Instrument :
BNA_G
ClientSampleId :
72-12016MS



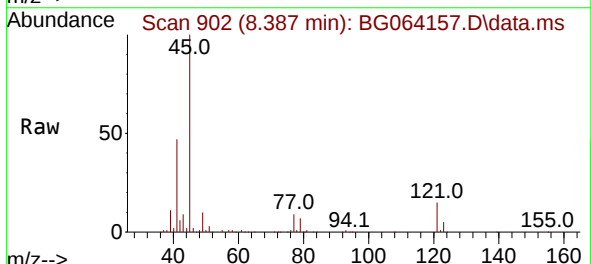
Tgt Ion: 79 Resp: 152940
Ion Ratio Lower Upper
79 100
108 74.1 61.7 92.5
77 61.2 53.9 80.9

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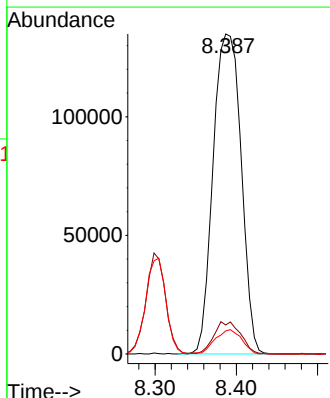
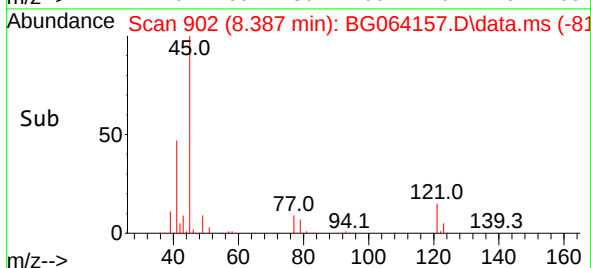
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.442 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.013 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



Tgt Ion: 45 Resp: 323141
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.2 0.0 26.6



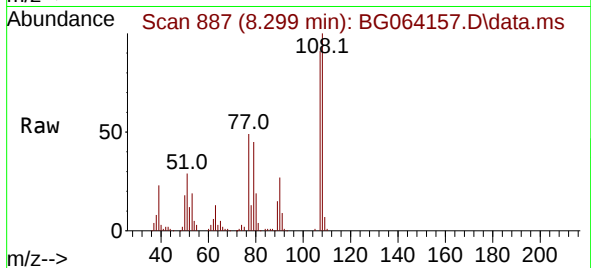


#17
2-Methylphenol
Concen: 53.118 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

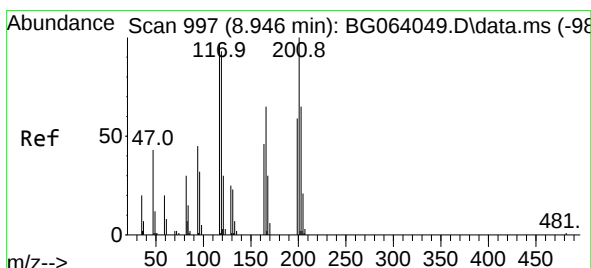
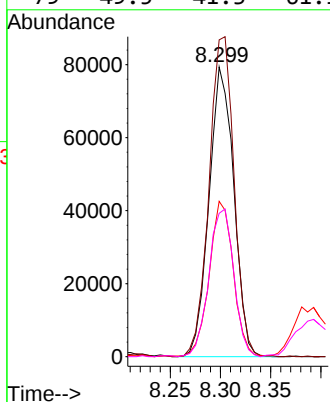
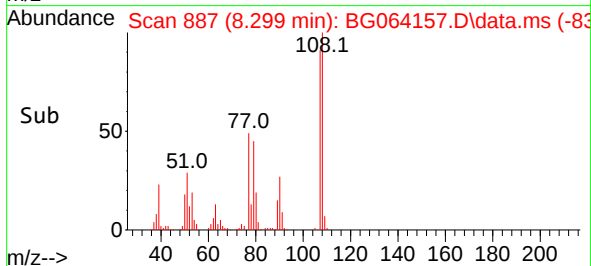
ClientSampleId :
72-12016MS



Tgt Ion:107 Resp: 136215
Ion Ratio Lower Upper
107 100
108 109.4 92.5 138.7
77 53.7 40.5 60.7
79 49.5 41.3 61.9

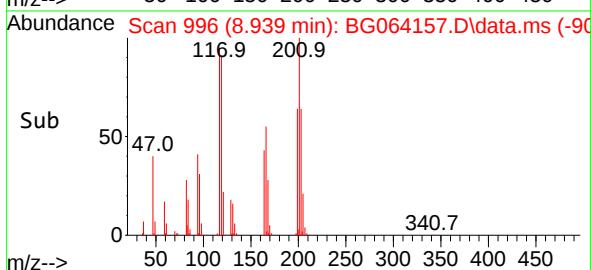
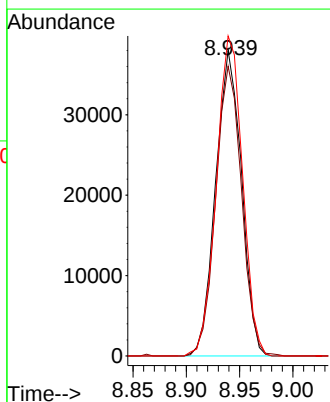
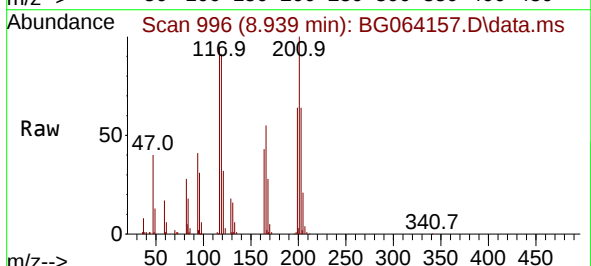
Manual Integrations
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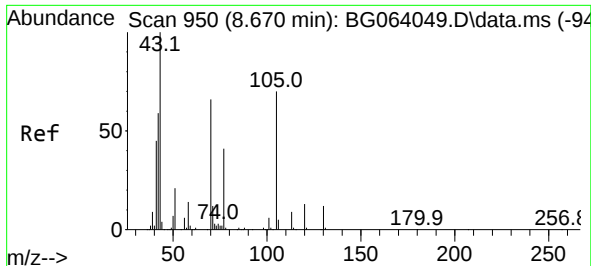
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#18
Hexachloroethane
Concen: 54.748 ng
RT: 8.939 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:117 Resp: 64237
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2
201 104.7 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 48.064 ng

RT: 8.663 min Scan# 949

Delta R.T. -0.007 min

Lab File: BG064157.D

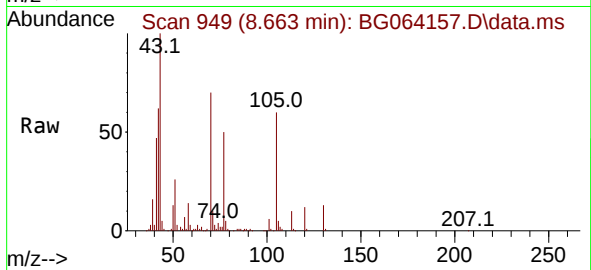
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



Tgt Ion: 70 Resp: 127290

Ion Ratio Lower Upper

70 100

42 87.8 72.1 108.1

101 8.9 7.2 10.8

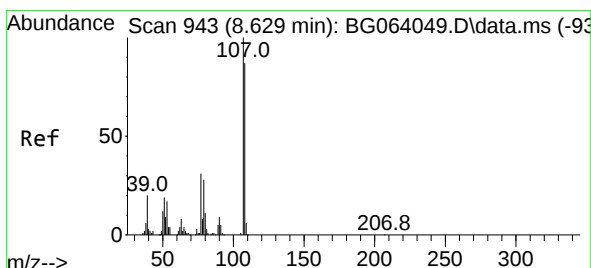
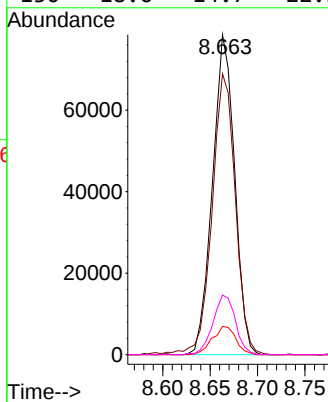
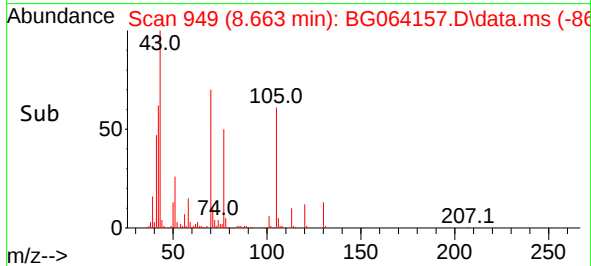
130 18.6 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#20

3+4-Methylphenols

Concen: 52.460 ng

RT: 8.628 min Scan# 943

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Tgt Ion:107 Resp: 185202

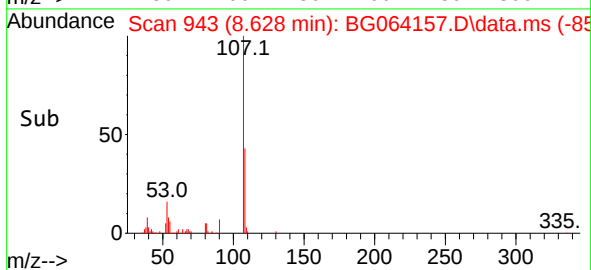
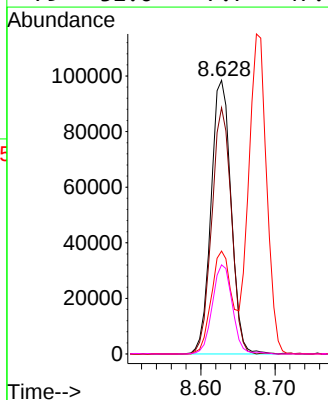
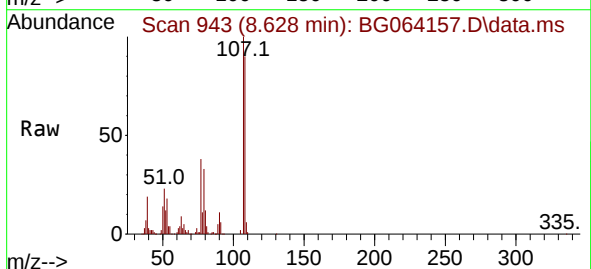
Ion Ratio Lower Upper

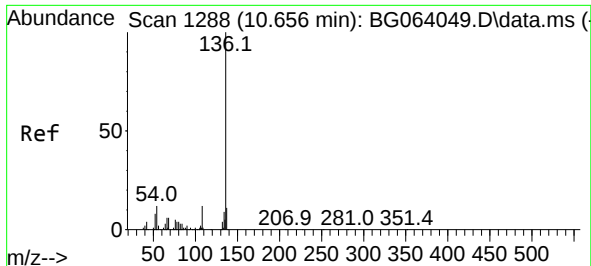
107 100

108 90.0 67.0 107.0

77 37.6 11.2 51.2

79 32.6 7.7 47.7





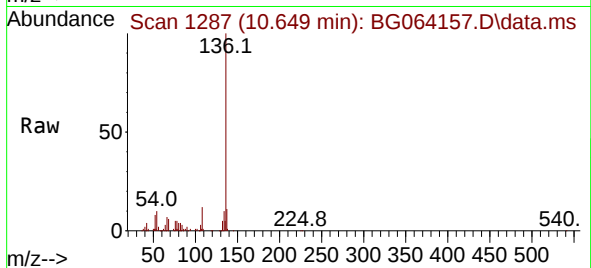
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

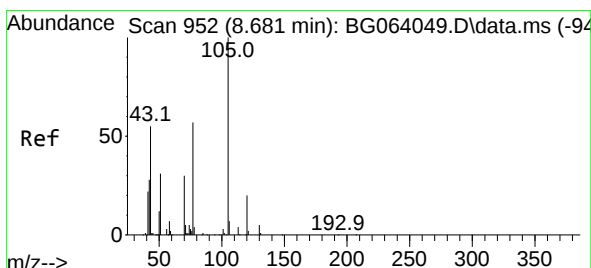
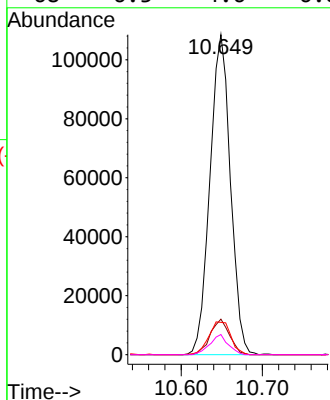
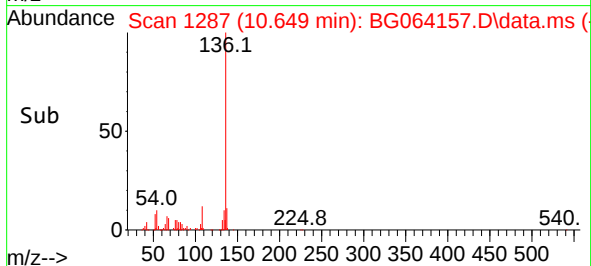


Tgt Ion:136 Resp: 190279
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.1 9.9 14.9
68 6.3 4.6 6.8

Manual Integrations

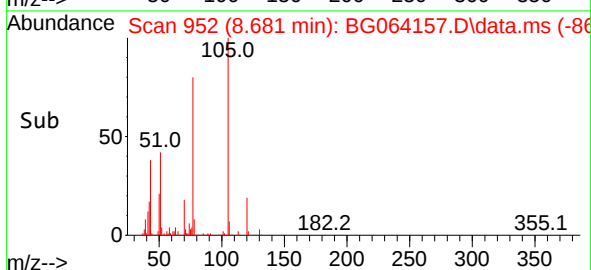
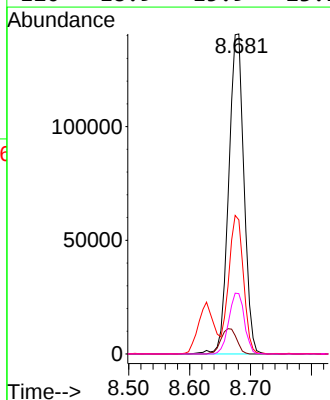
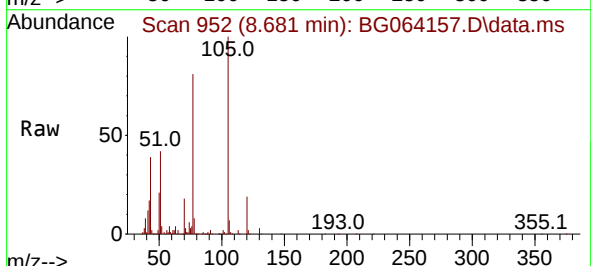
APPROVED

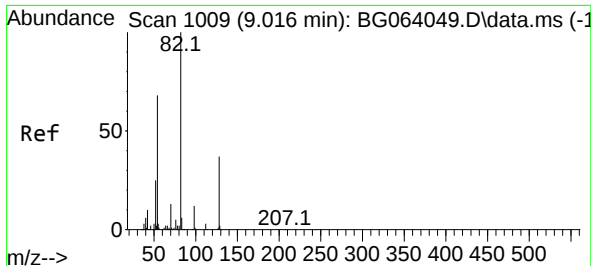
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#22
Acetophenone
Concen: 46.780 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:105 Resp: 244056
Ion Ratio Lower Upper
105 100
71 3.1 4.2 6.4#
51 41.9 33.3 49.9
120 18.9 15.9 23.9





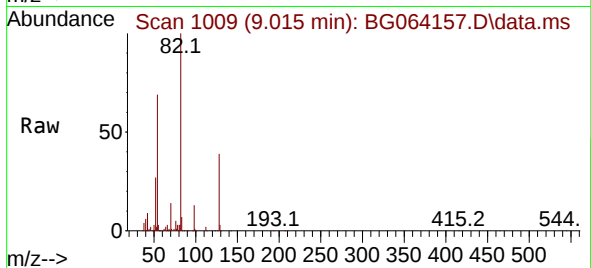
#23
Nitrobenzene-d5
Concen: 93.864 ng
RT: 9.015 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

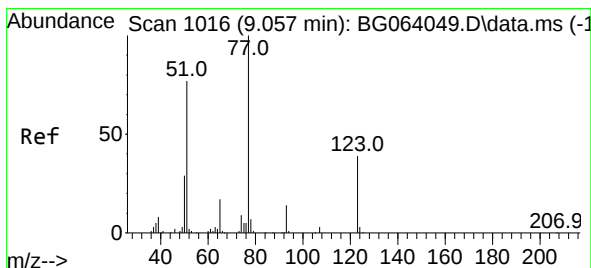
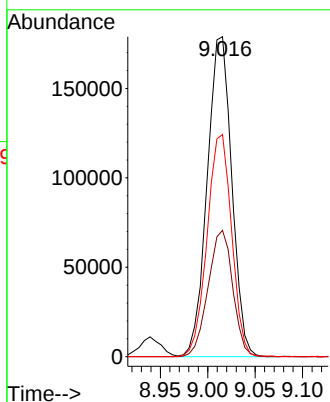
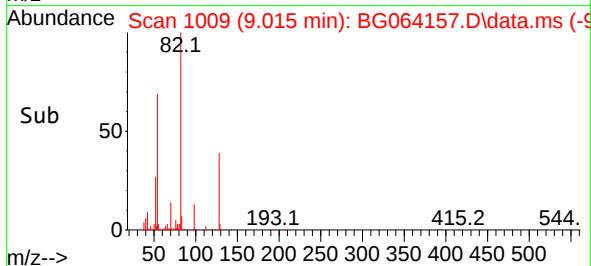


Tgt Ion: 82 Resp: 323190
Ion Ratio Lower Upper
82 100
128 39.5 30.0 45.0
54 69.5 54.7 82.1

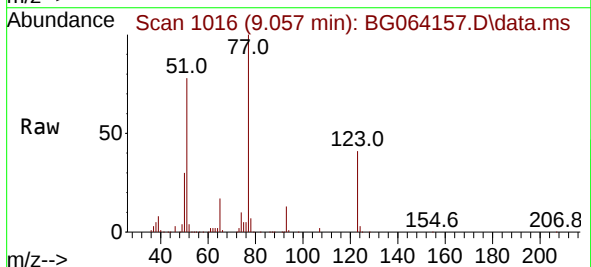
Manual Integrations

APPROVED

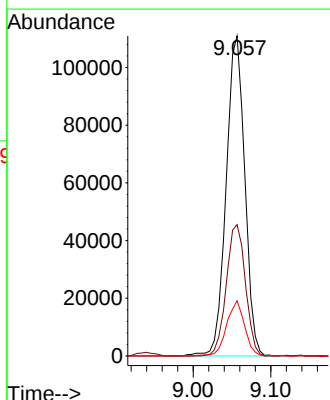
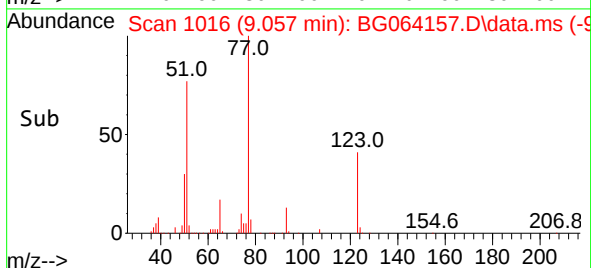
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

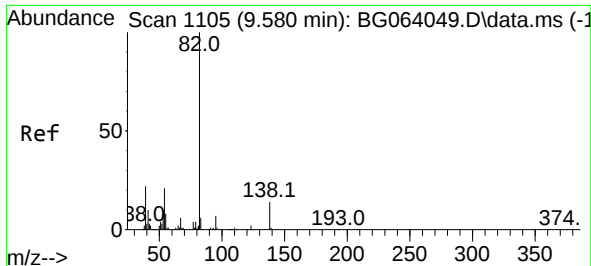


#24
Nitrobenzene
Concen: 51.942 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



Tgt Ion: 77 Resp: 184831
Ion Ratio Lower Upper
77 100
123 41.1 31.4 47.2
65 17.3 13.4 20.0





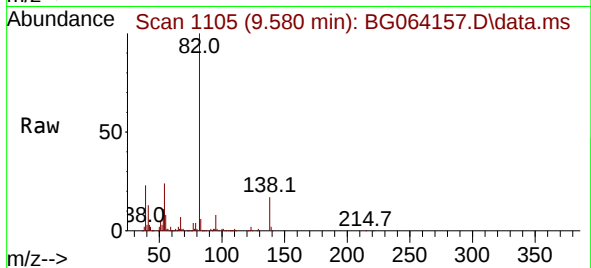
#25
Isophorone
Concen: 49.059 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

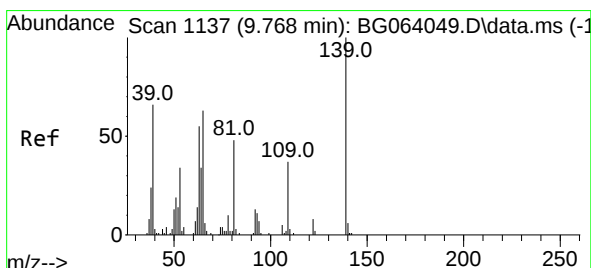
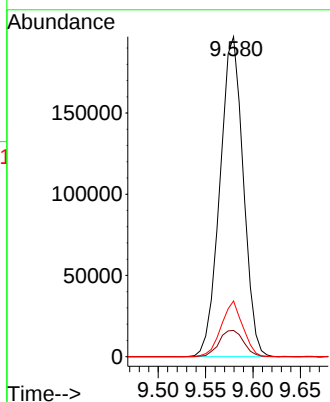
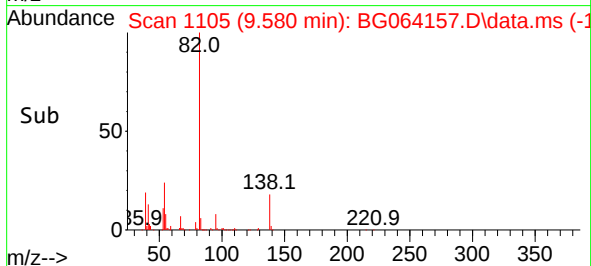


Tgt Ion: 82 Resp: 33810
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 17.4 10.9 16.3

Manual Integrations

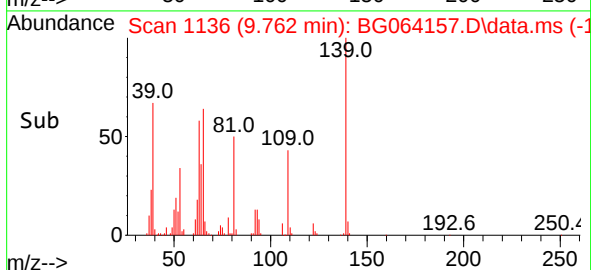
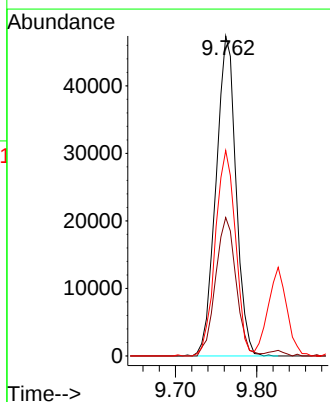
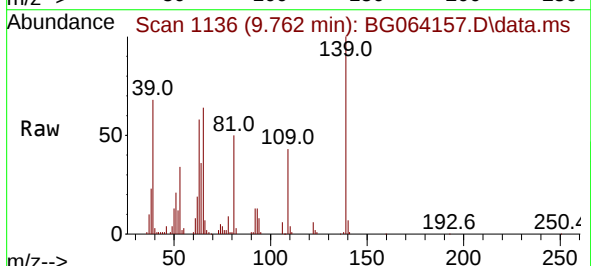
APPROVED

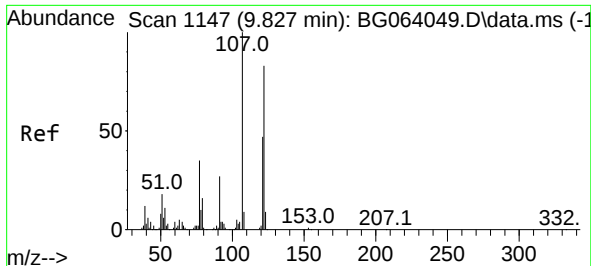
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#26
2-Nitrophenol
Concen: 61.943 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:139 Resp: 81256
Ion Ratio Lower Upper
139 100
109 43.2 29.9 44.9
65 64.2 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 76.234 ng

RT: 9.826 min Scan# 1147

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

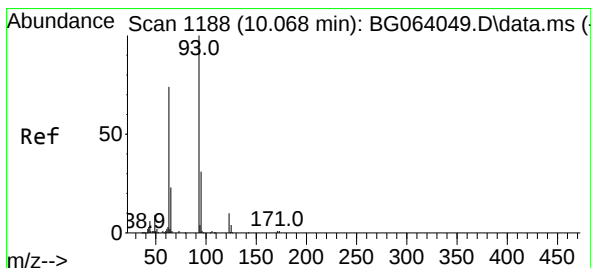
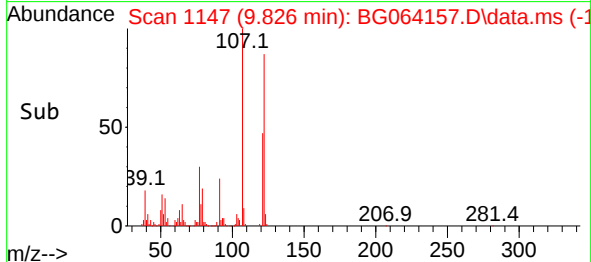
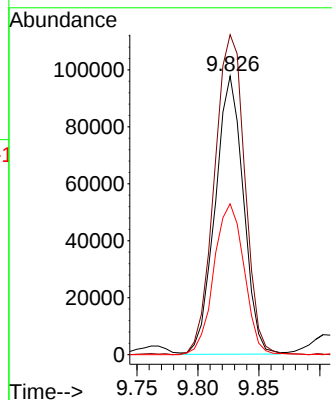
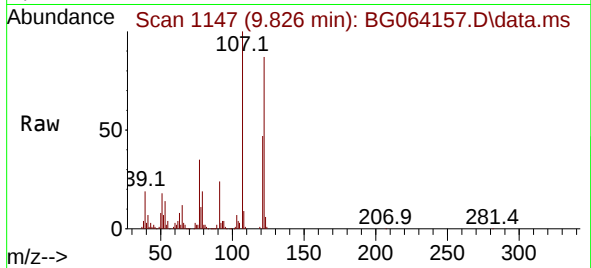
72-12016MS

Tgt Ion:122 Resp: 15750
Ion Ratio Lower Upper
122 100
107 114.9 95.4 143.0
121 54.2 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: 47.199 ng

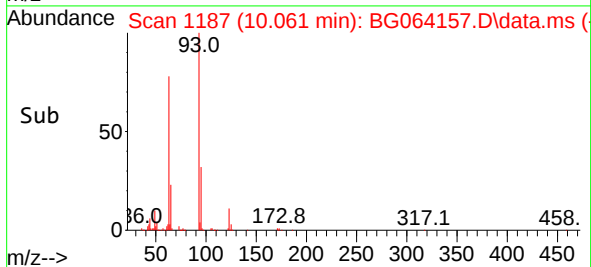
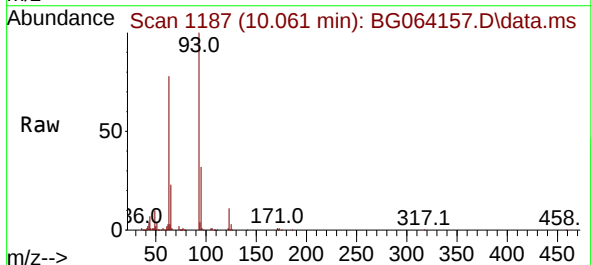
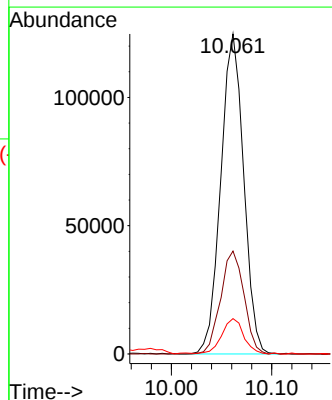
RT: 10.061 min Scan# 1187

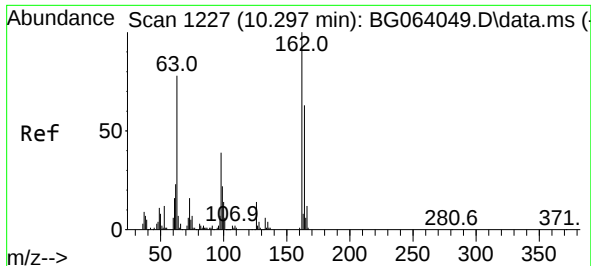
Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

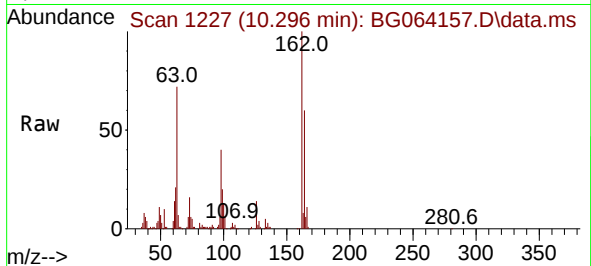
Tgt Ion: 93 Resp: 197211
Ion Ratio Lower Upper
93 100
95 32.2 25.0 37.4
123 11.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 55.917 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

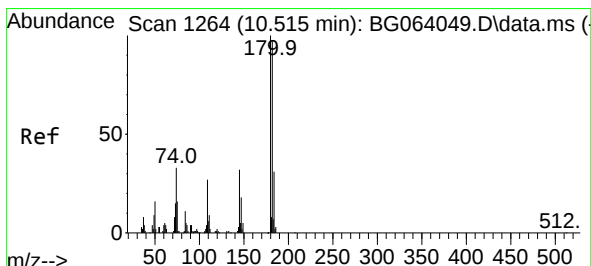
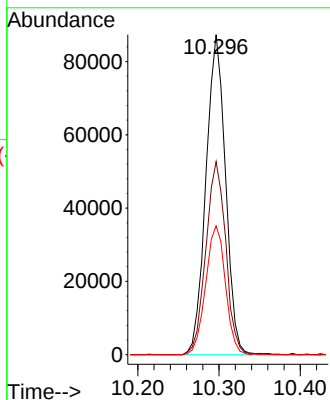
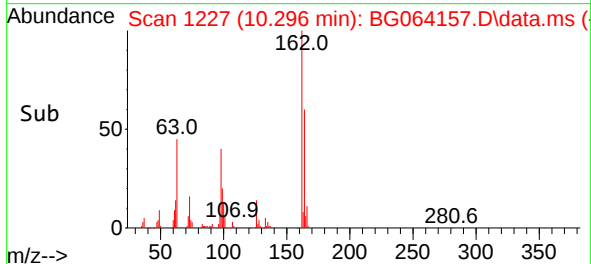
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:162 Resp: 145878
Ion Ratio Lower Upper
162 100
164 60.4 42.8 82.8
98 40.3 19.1 59.1

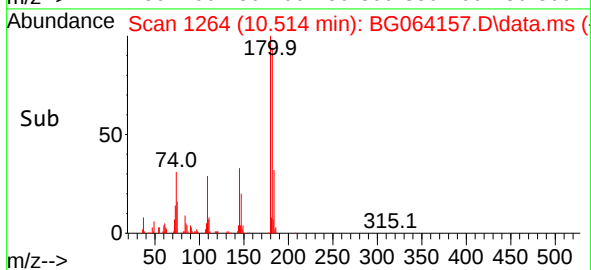
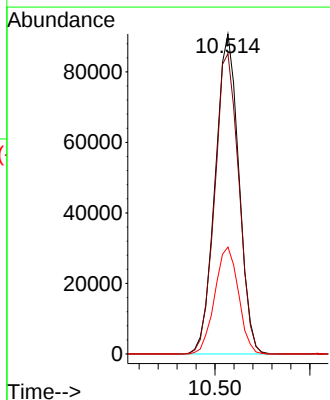
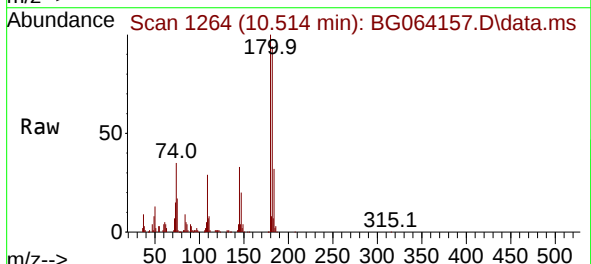
Manual Integrations
APPROVED

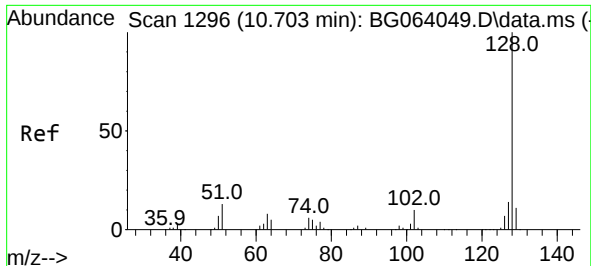
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.878 ng
RT: 10.514 min Scan# 1264
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:180 Resp: 157083
Ion Ratio Lower Upper
180 100
182 93.8 77.3 115.9
145 33.4 25.2 37.8





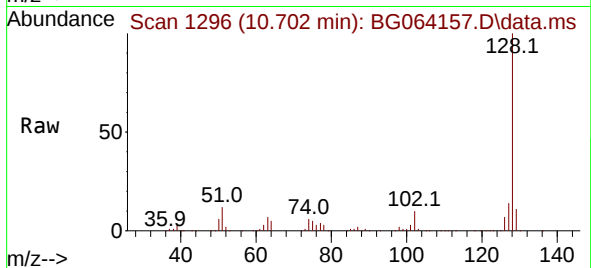
#31
Naphthalene
Concen: 48.878 ng
RT: 10.702 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

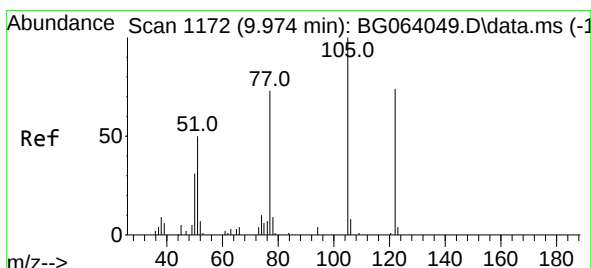
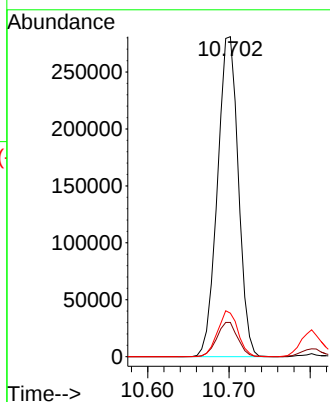
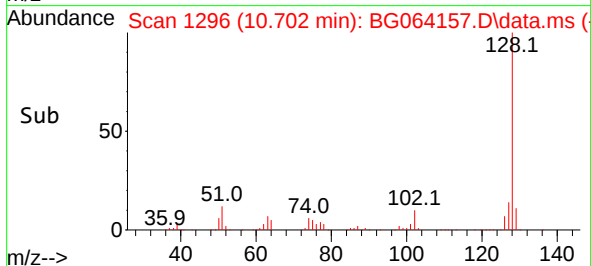


Tgt Ion:128 Resp: 501508
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.6 11.1 16.7

Manual Integrations

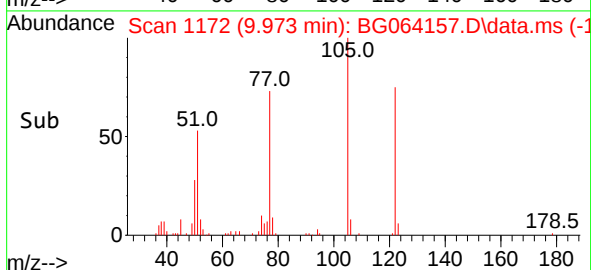
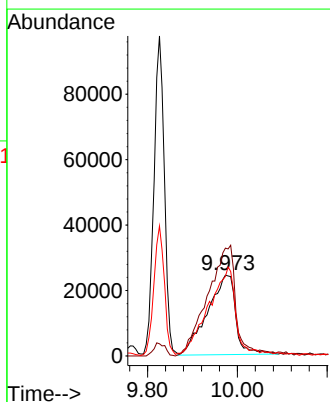
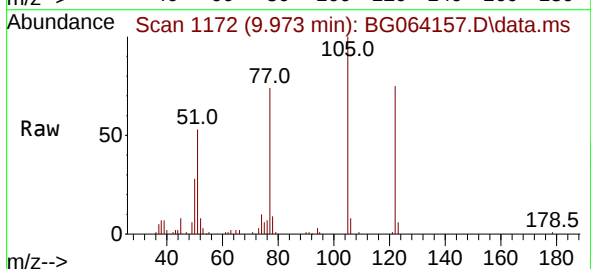
APPROVED

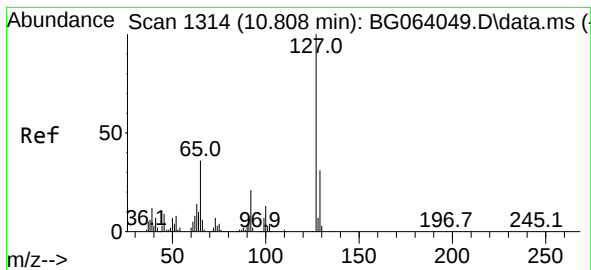
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#32
Benzoic acid
Concen: 54.480 ng
RT: 9.973 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:122 Resp: 106078
Ion Ratio Lower Upper
122 100
105 133.6 115.0 155.0
77 98.4 80.9 120.9





#33
4-Chloroaniline
Concen: 11.835 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

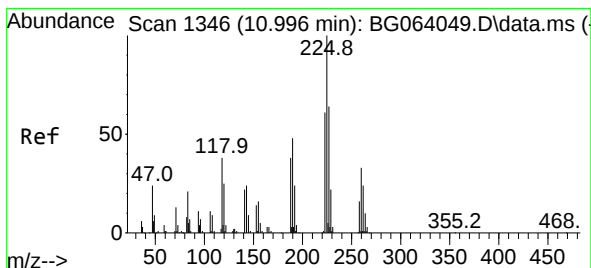
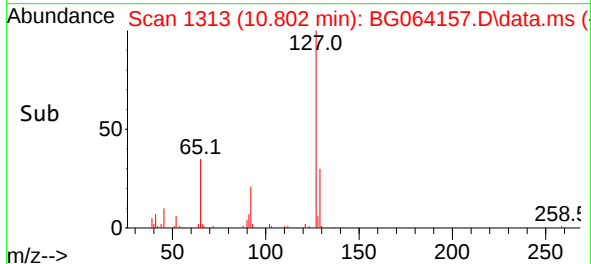
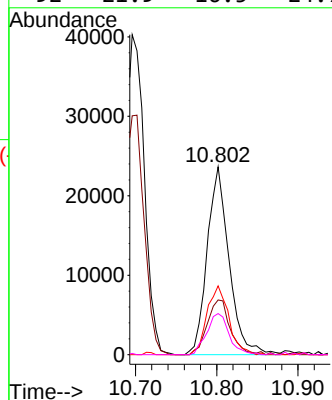
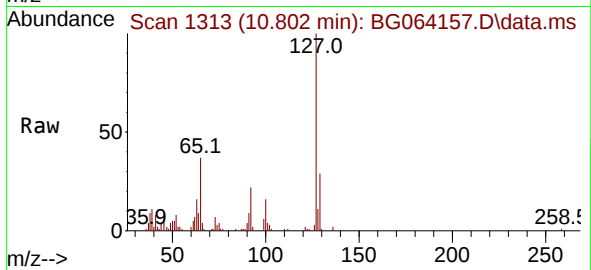
72-12016MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.2	25.0	37.4
65	36.6	28.5	42.7
92	21.9	16.5	24.7

Manual Integrations

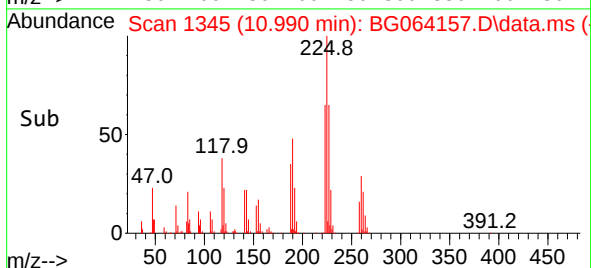
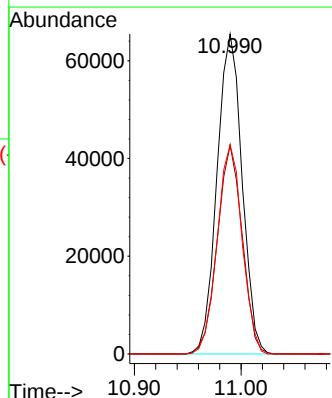
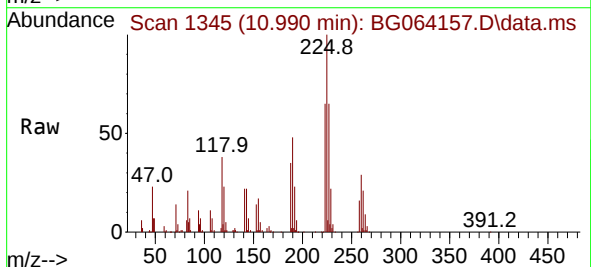
APPROVED

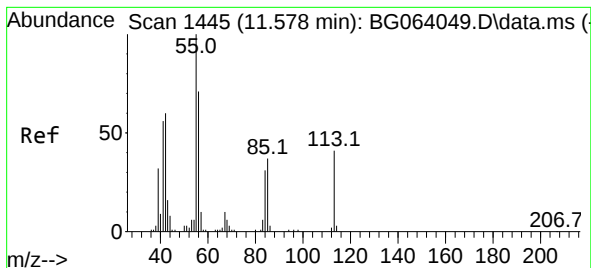
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#34
Hexachlorobutadiene
Concen: 51.711 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

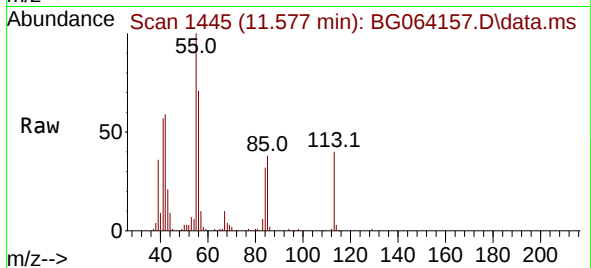
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.5	72.7
227	65.4	51.0	76.6





#35
Caprolactam
Concen: 47.248 ng m
RT: 11.577 min Scan# 1445
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

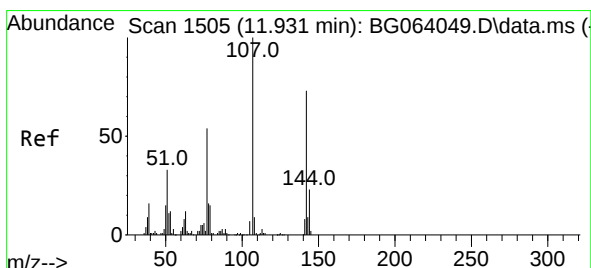
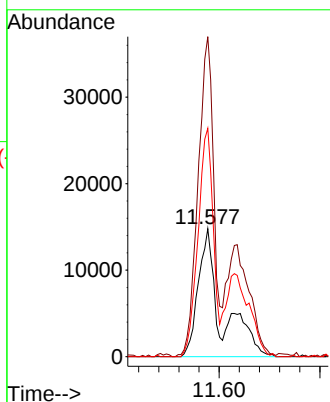
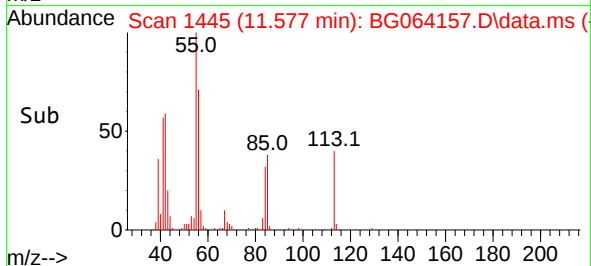
Instrument :
BNA_G
ClientSampleId :
72-12016MS



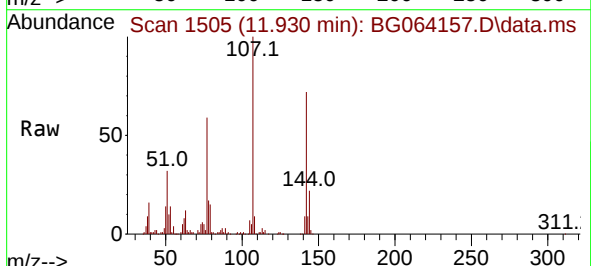
Tgt Ion:113 Resp: 47230
Ion Ratio Lower Upper
113 100
55 250.1 225.2 265.2
56 178.4 153.4 193.4

Manual Integrations
APPROVED

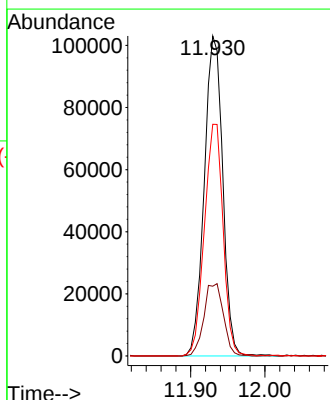
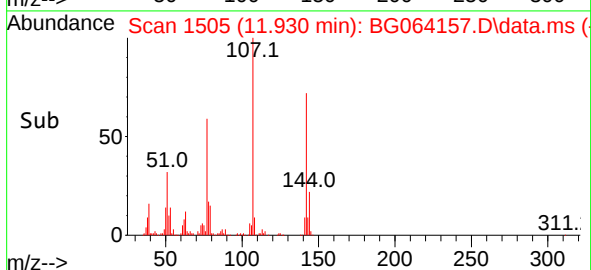
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

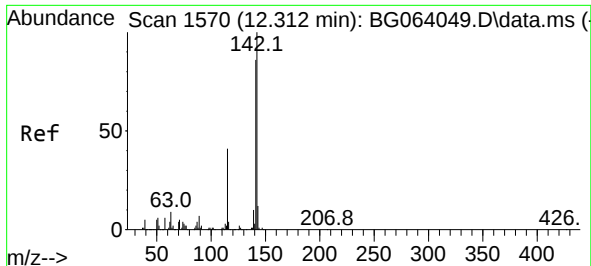


#36
4-Chloro-3-methylphenol
Concen: 52.049 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



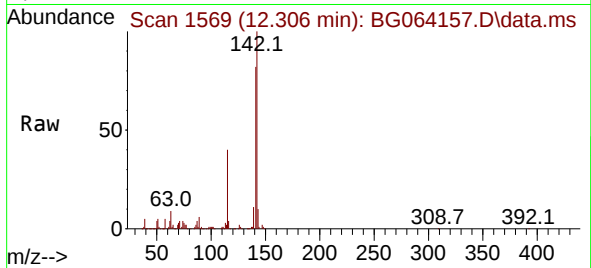
Tgt Ion:107 Resp: 177990
Ion Ratio Lower Upper
107 100
144 21.8 18.6 28.0
142 72.4 58.0 87.0





#37
2-Methylnaphthalene
Concen: 45.995 ng
RT: 12.306 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

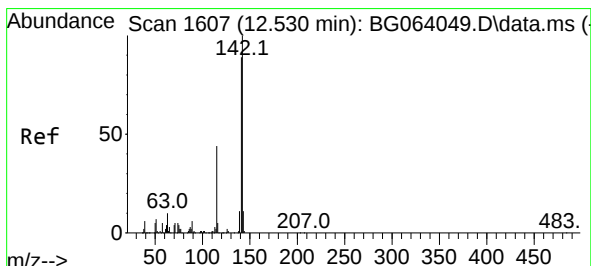
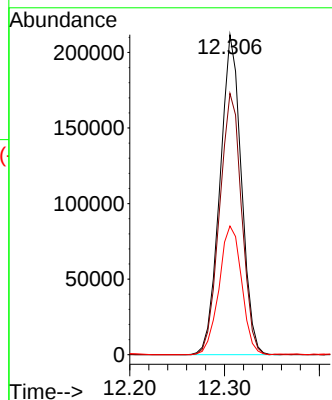
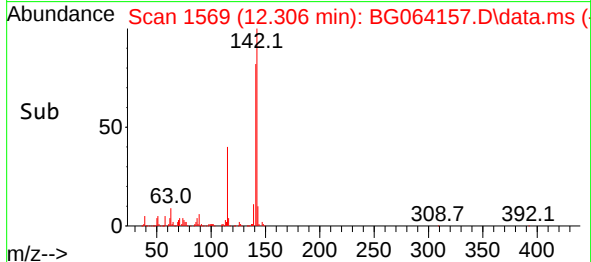
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:142 Resp: 333160
Ion Ratio Lower Upper
142 100
141 81.7 68.6 103.0
115 40.2 32.8 49.2

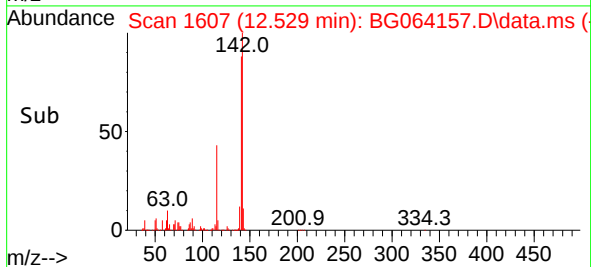
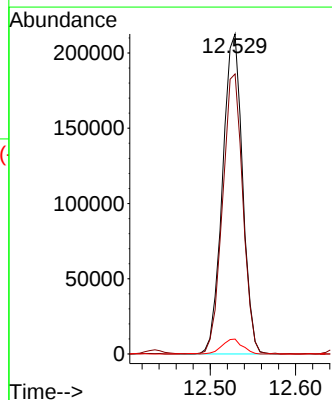
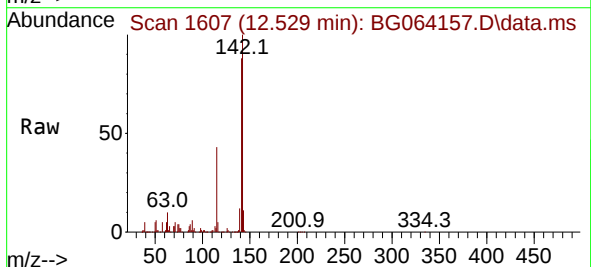
Manual Integrations
APPROVED

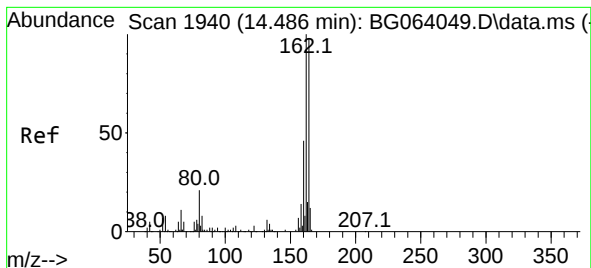
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#38
1-Methylnaphthalene
Concen: 48.848 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

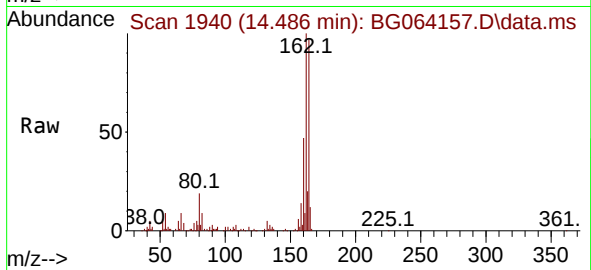
Tgt Ion:142 Resp: 346646
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

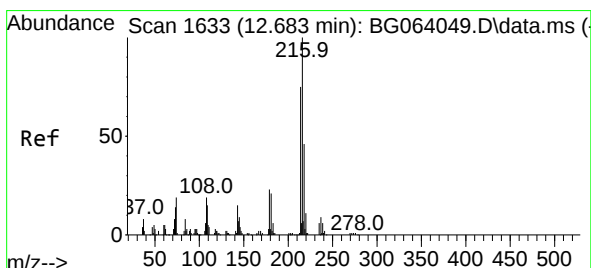
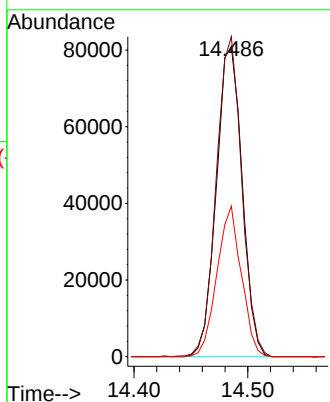
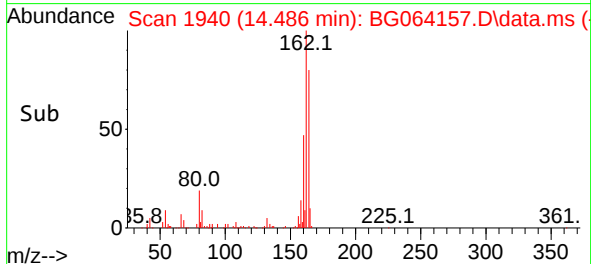
Instrument :
BNA_G
ClientSampleId :
72-12016MS



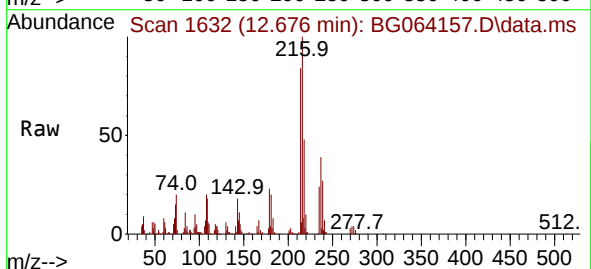
Tgt Ion:164 Resp: 127889
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 48.5 37.0 55.6

Manual Integrations
APPROVED

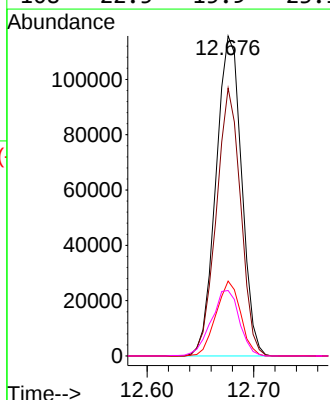
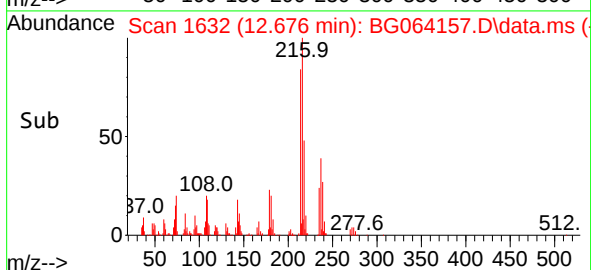
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

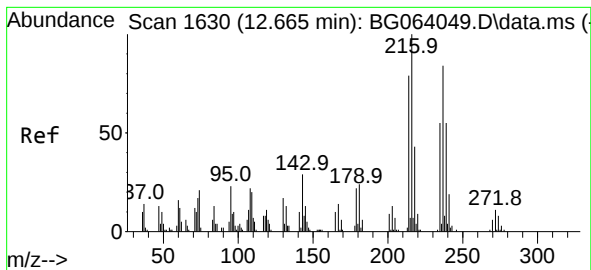


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.859 ng
RT: 12.676 min Scan# 1632
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



Tgt Ion:216 Resp: 192995
Ion Ratio Lower Upper
216 100
214 79.6 61.7 92.5
179 22.5 17.9 26.9
108 22.5 15.9 23.9





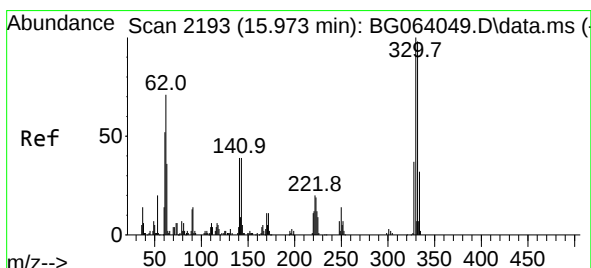
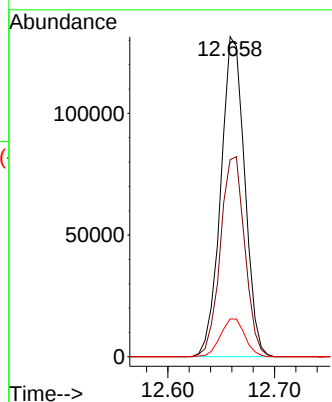
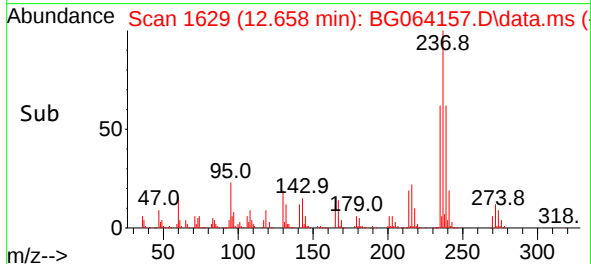
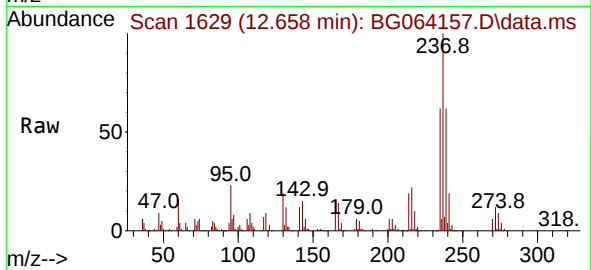
#41
Hexachlorocyclopentadiene
Concen: 199.182 ng
RT: 12.658 min Scan# 1629
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :
BNA_G
ClientSampleId :
72-12016MS

Tgt Ion:237 Resp: 204685
Ion Ratio Lower Upper
237 100
235 61.5 46.0 86.0
272 11.8 0.0 32.8

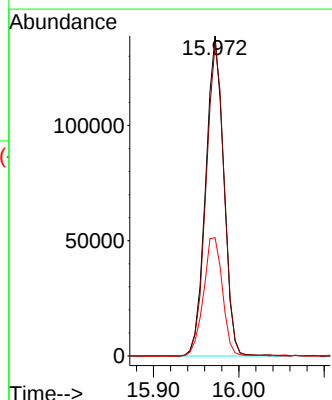
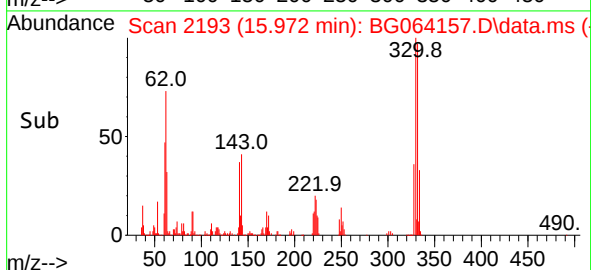
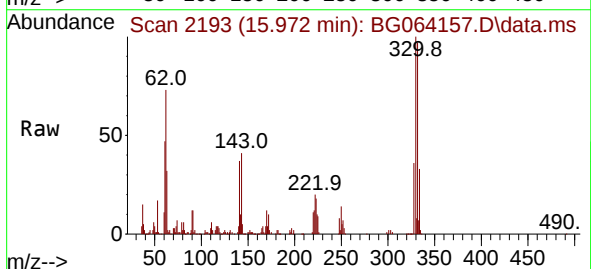
Manual Integrations
APPROVED

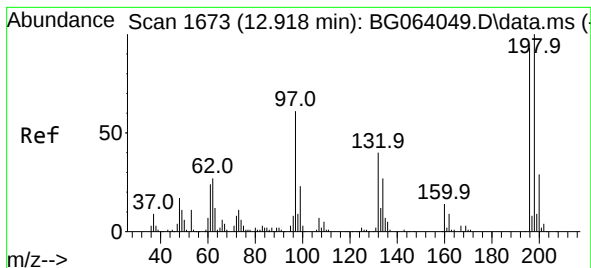
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#42
2,4,6-Tribromophenol
Concen: 143.985 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:330 Resp: 204685
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 38.7 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 58.459 ng

RT: 12.911 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG064157.D

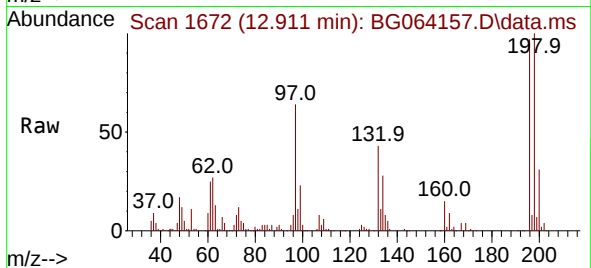
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



Tgt Ion:196 Resp: 125790

Ion Ratio Lower Upper

196 100

198 102.7 85.6 128.4

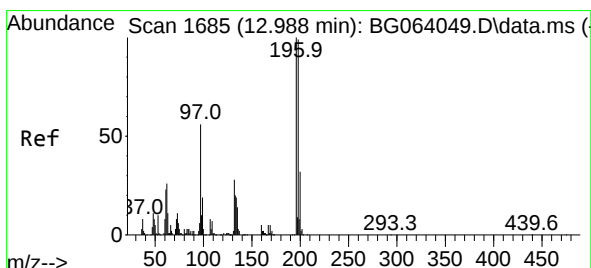
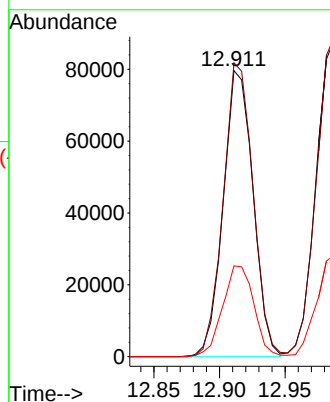
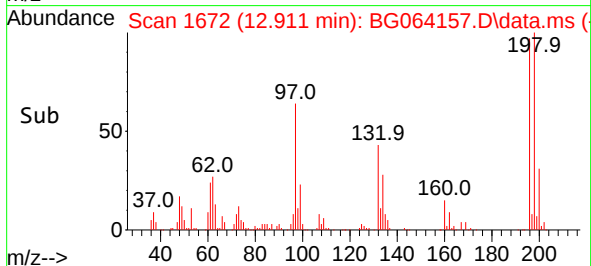
200 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#44

2,4,5-Trichlorophenol

Concen: 59.496 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Tgt Ion:196 Resp: 142257

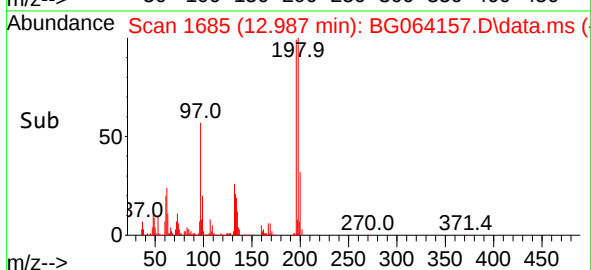
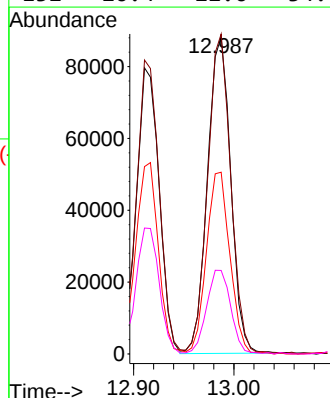
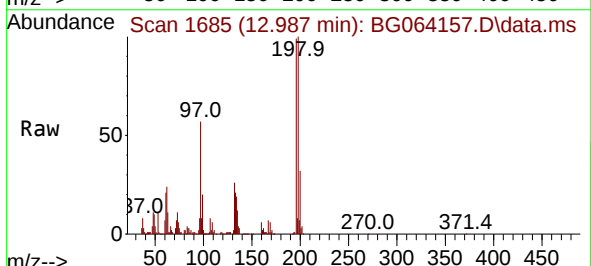
Ion Ratio Lower Upper

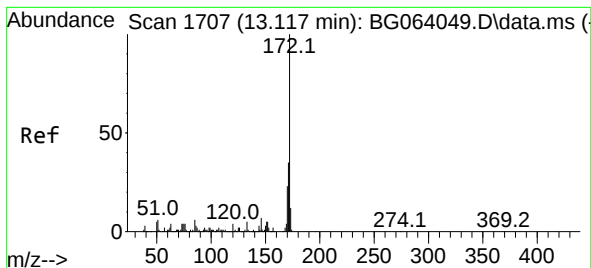
196 100

198 100.9 79.5 119.3

97 57.4 45.2 67.8

132 26.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 82.620 ng

RT: 13.111 min Scan# 1706

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

Tgt Ion:172 Resp: 696118

Ion Ratio Lower Upper

172 100

171 37.0 28.0 42.0

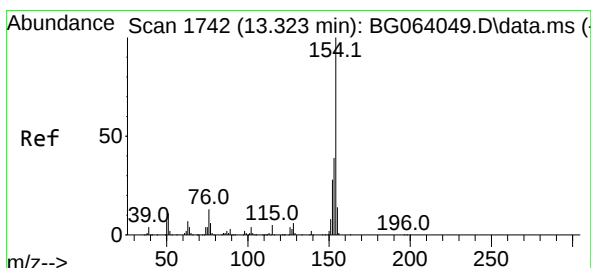
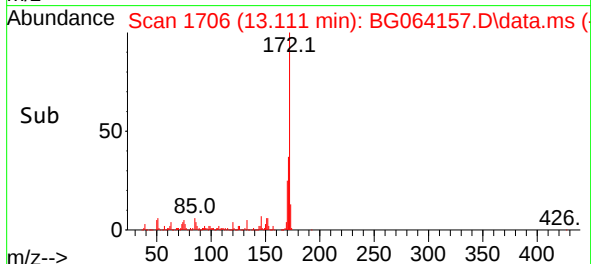
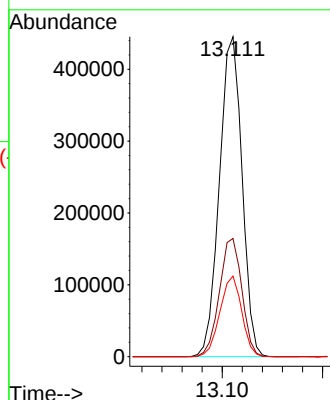
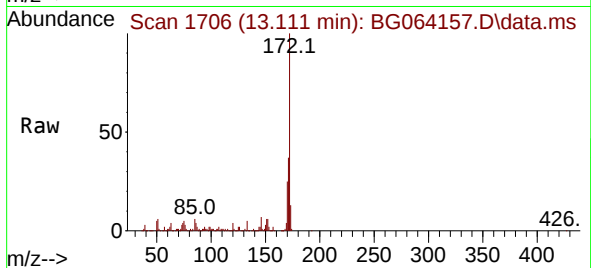
170 25.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#46

1,1'-Biphenyl

Concen: 51.018 ng

RT: 13.322 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

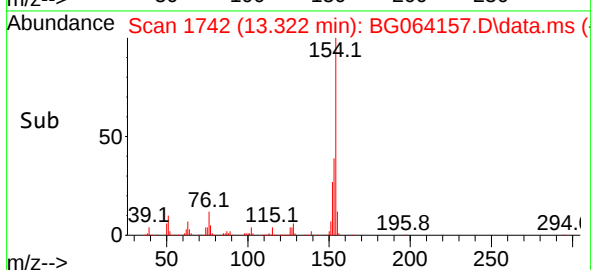
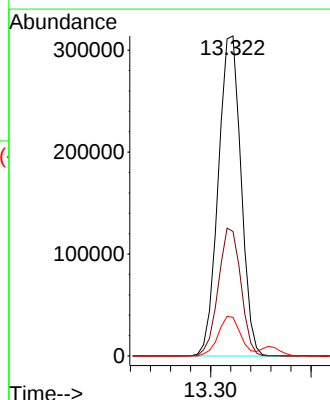
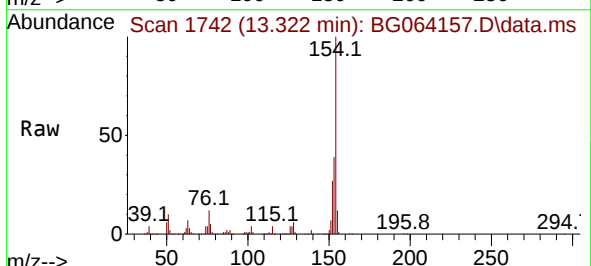
Tgt Ion:154 Resp: 492941

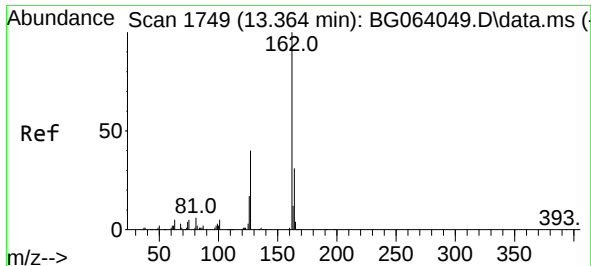
Ion Ratio Lower Upper

154 100

153 38.9 19.5 59.5

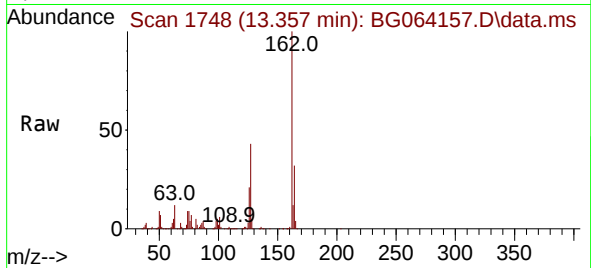
76 12.1 0.0 33.5





#47
2-Chloronaphthalene
Concen: 51.455 ng
RT: 13.357 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

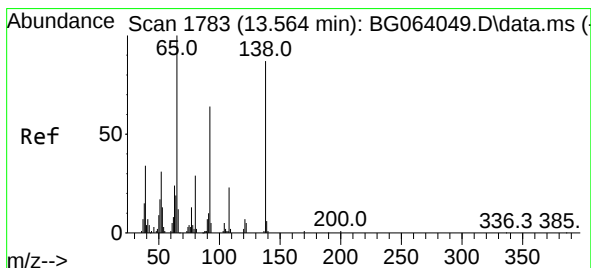
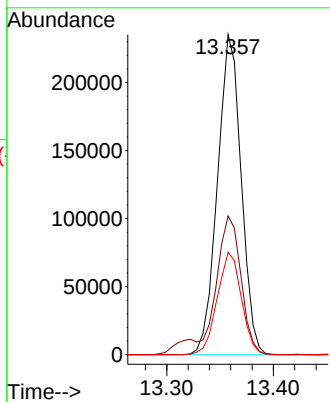
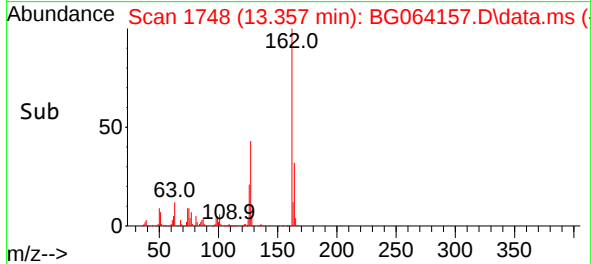
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:162 Resp: 362598
Ion Ratio Lower Upper
162 100
127 43.4 35.0 52.4
164 32.0 25.0 37.6

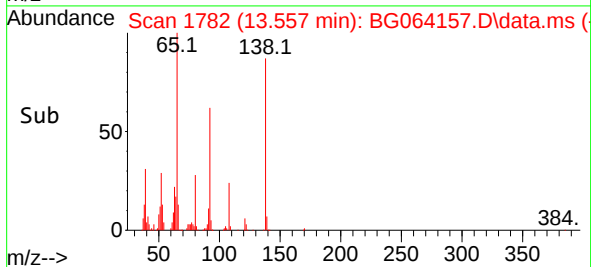
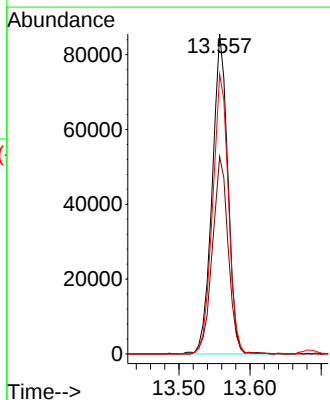
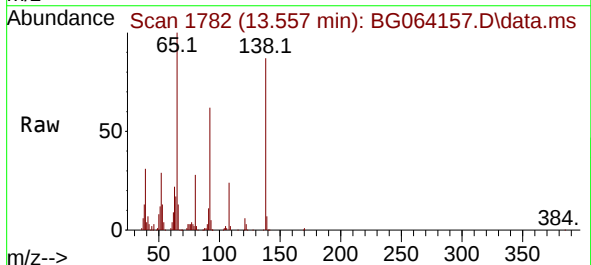
Manual Integrations
APPROVED

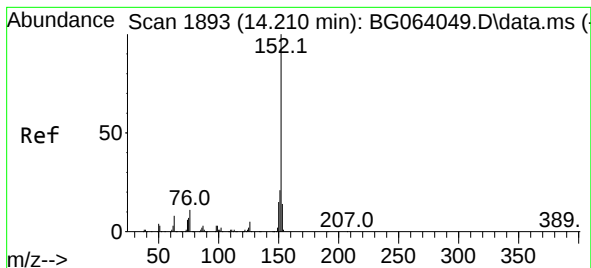
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#48
2-Nitroaniline
Concen: 54.429 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion: 65 Resp: 130838
Ion Ratio Lower Upper
65 100
92 61.7 51.2 76.8
138 87.4 69.4 104.2





#49

Acenaphthylene

Concen: 53.220 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.007 min

Lab File: BG064157.D

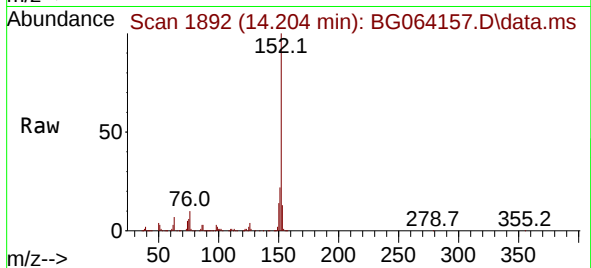
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



Tgt Ion:152 Resp: 59319

Ion Ratio Lower Upper

152 100

151 22.1 16.4 24.6

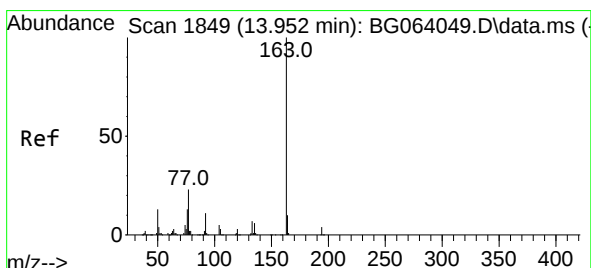
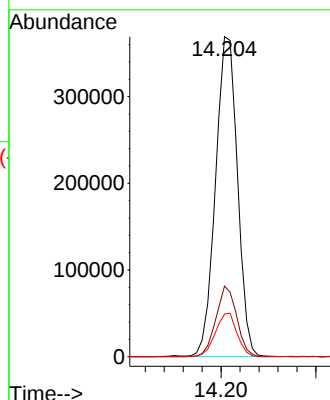
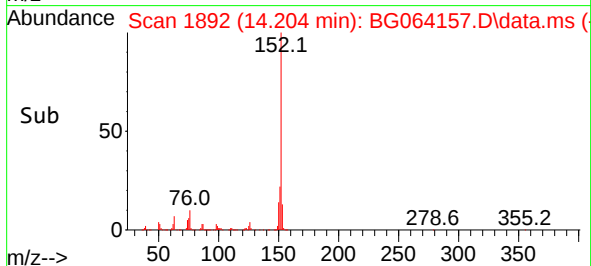
153 13.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#50

Dimethylphthalate

Concen: 46.697 ng

RT: 13.945 min Scan# 1848

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

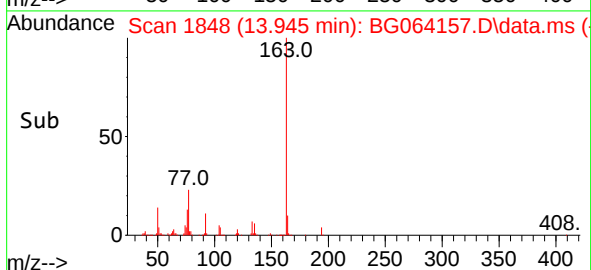
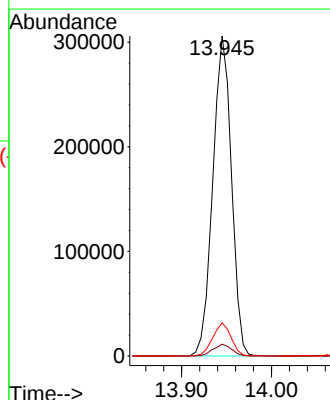
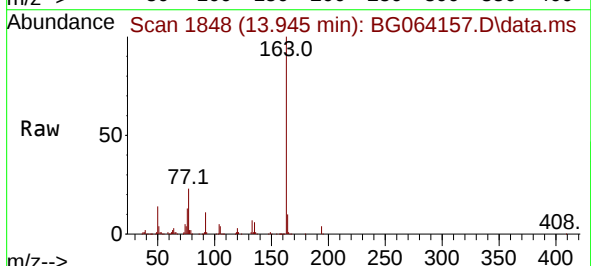
Tgt Ion:163 Resp: 440844

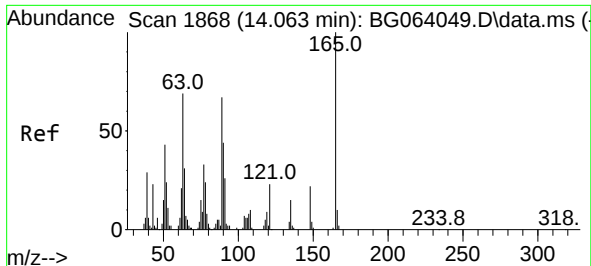
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.726 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

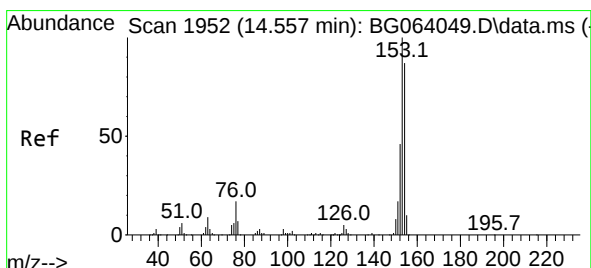
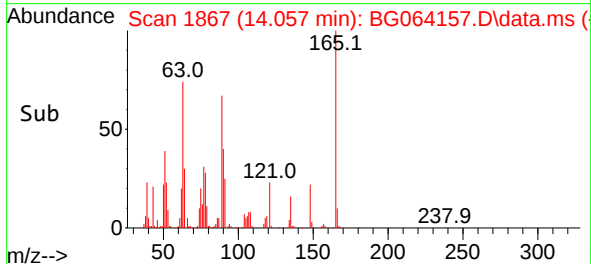
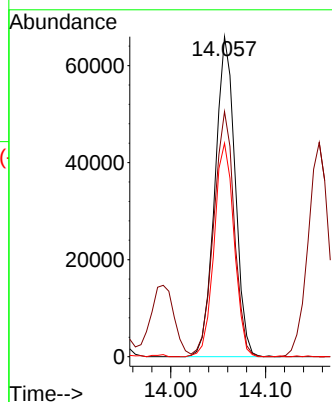
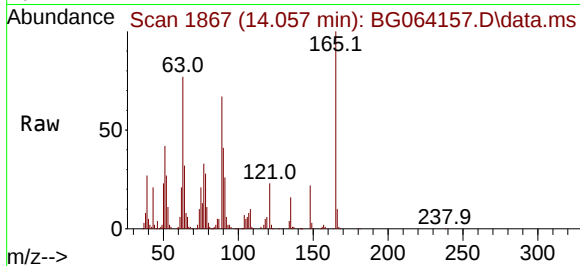
ClientSampleId :

72-12016MS

Tgt Ion:165 Resp: 9754
Ion Ratio Lower Upper
165 100
63 76.6 56.7 85.1
89 66.7 53.7 80.5

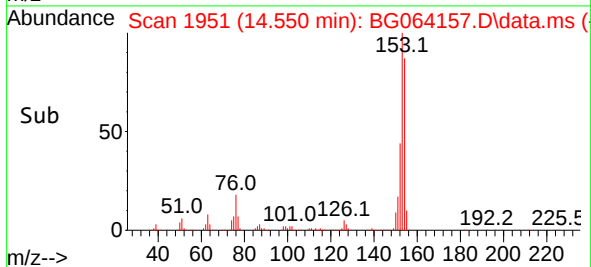
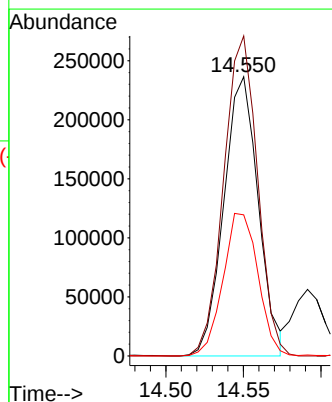
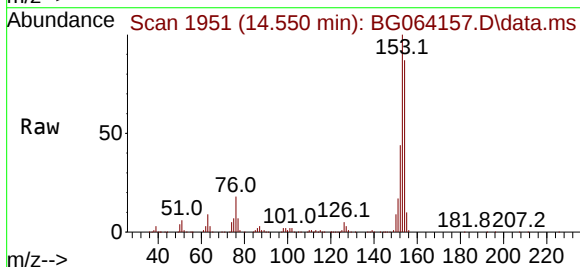
Manual Integrations
APPROVED

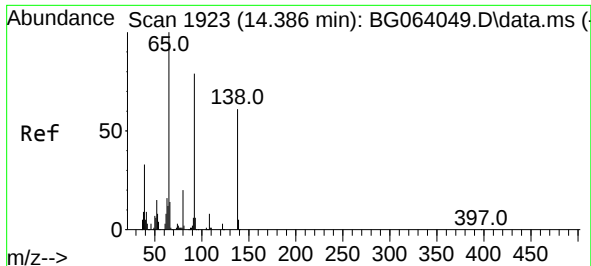
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#52
Acenaphthene
Concen: 48.860 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

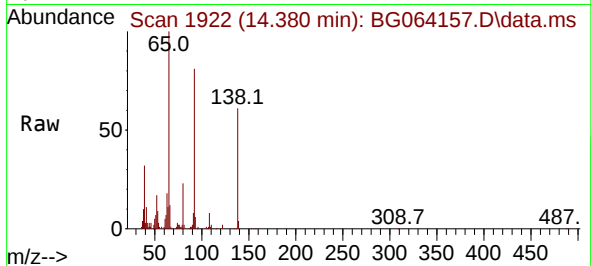
Tgt Ion:154 Resp: 365488
Ion Ratio Lower Upper
154 100
153 114.6 91.6 137.4
152 50.6 42.5 63.7





#53
3-Nitroaniline
Concen: 25.484 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

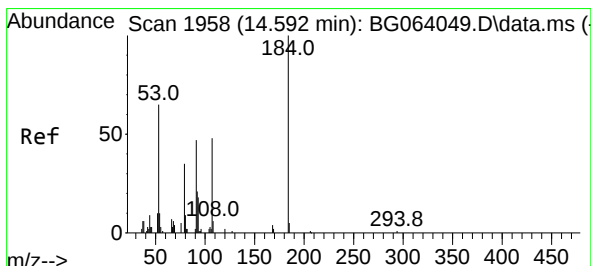
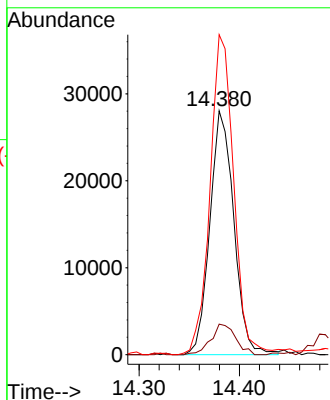
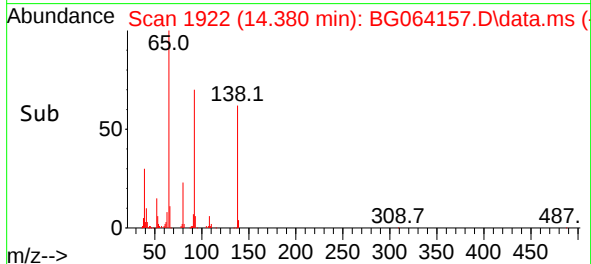
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:138 Resp: 4649
Ion Ratio Lower Upper
138 100
108 12.5 10.1 15.1
92 131.2 104.1 156.1

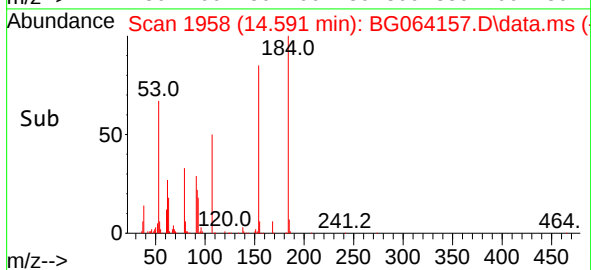
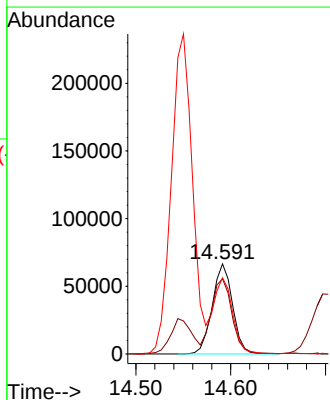
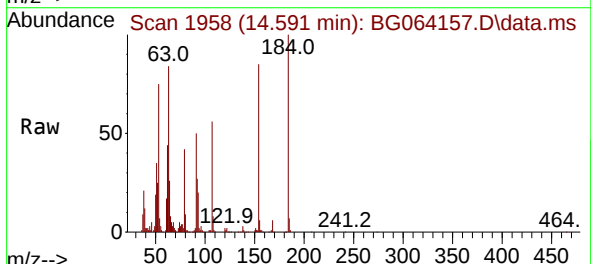
Manual Integrations
APPROVED

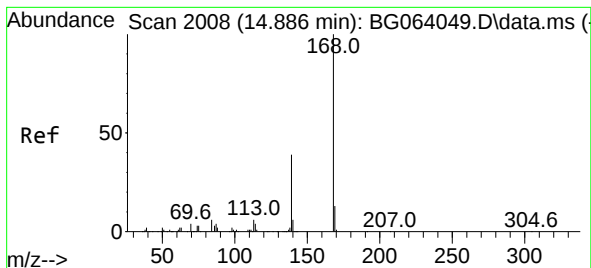
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#54
2,4-Dinitrophenol
Concen: 119.588 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:184 Resp: 98948
Ion Ratio Lower Upper
184 100
63 83.5 57.5 86.3
154 84.7 52.3 78.5#





#55
Dibenzenofuran
Concen: 47.755 ng
RT: 14.885 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

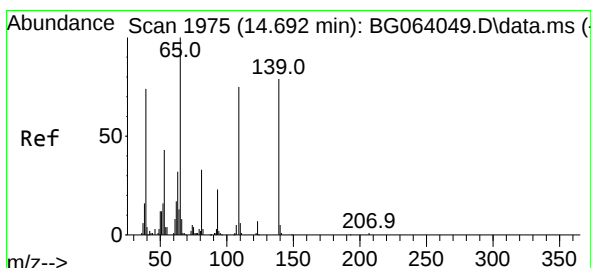
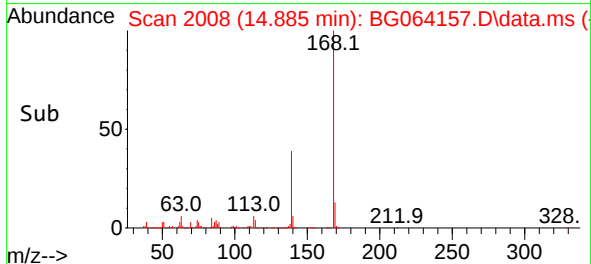
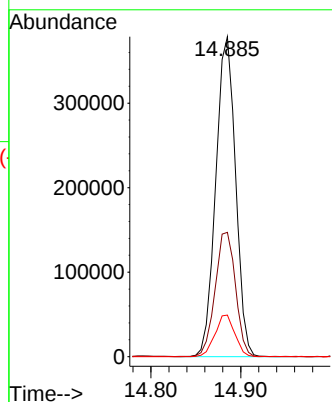
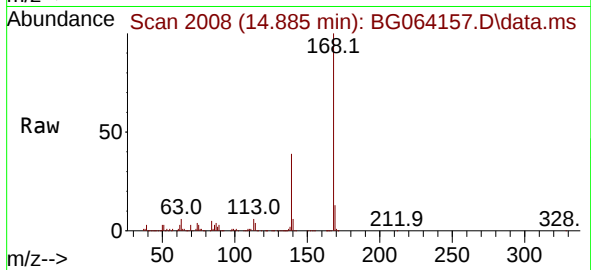
72-12016MS

Tgt Ion:168 Resp: 57869
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 13.0 10.5 15.7

Manual Integrations

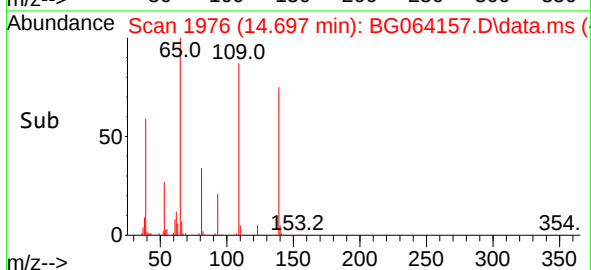
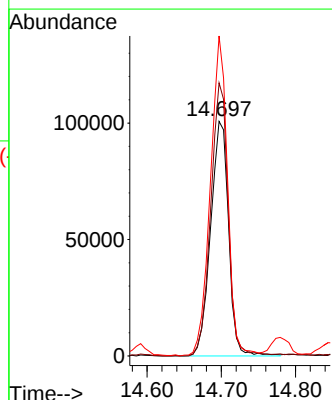
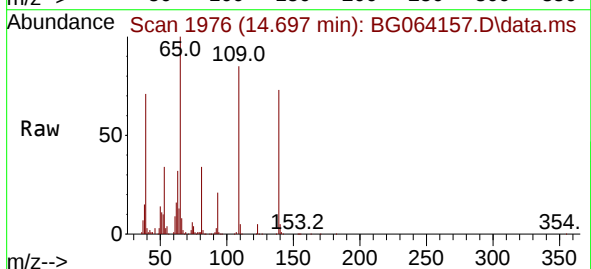
APPROVED

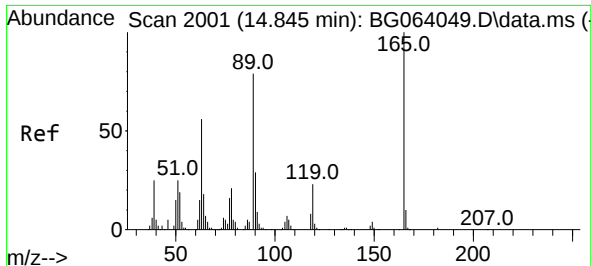
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#56
4-Nitrophenol
Concen: 110.960 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:139 Resp: 169793
Ion Ratio Lower Upper
139 100
109 116.4 74.9 114.9#
65 136.4 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 52.479 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

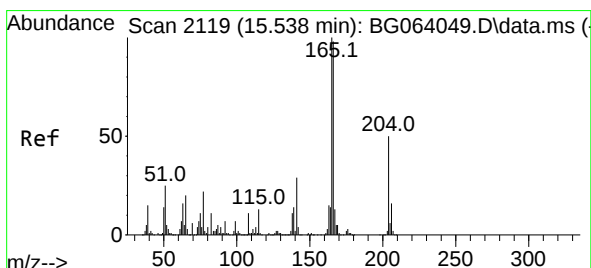
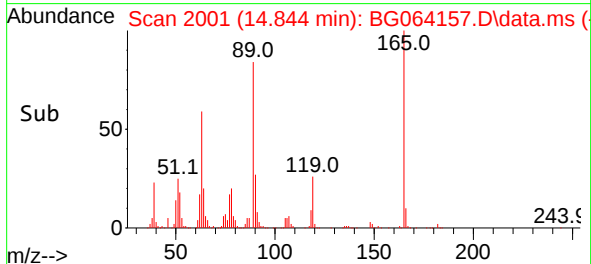
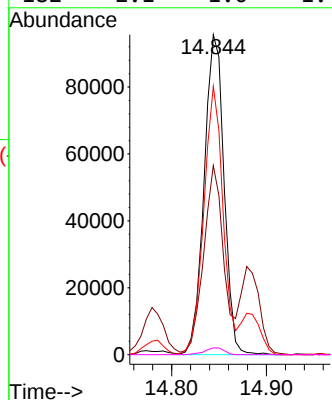
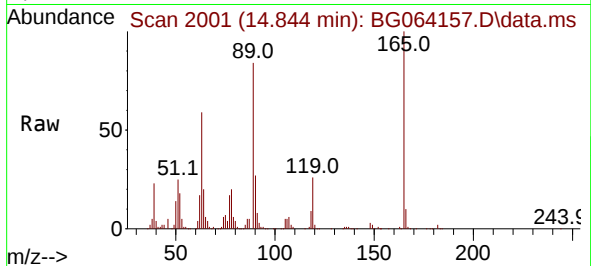
72-12016MS

Tgt Ion:165 Resp: 139654
Ion Ratio Lower Upper
165 100
63 59.1 45.0 67.6
89 83.8 63.1 94.7
182 2.1 1.0 1.4#

Manual Integrations

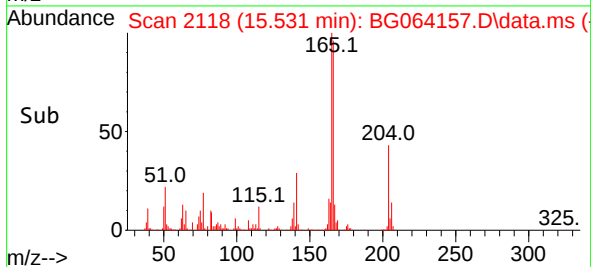
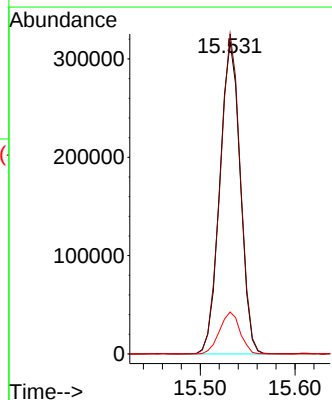
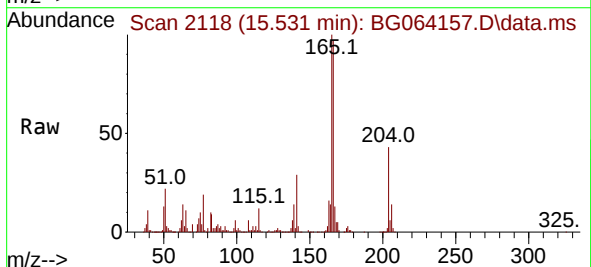
APPROVED

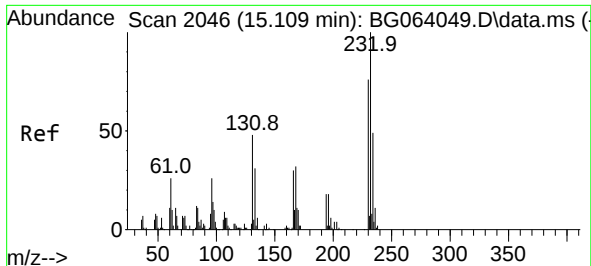
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#58
Fluorene
Concen: 50.322 ng
RT: 15.531 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

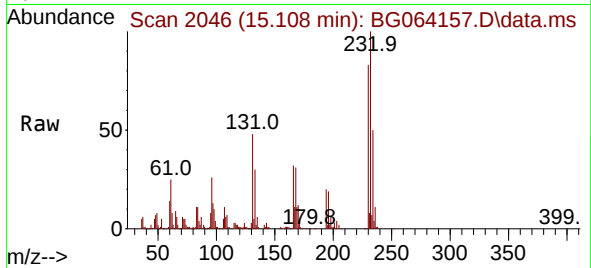
Tgt Ion:166 Resp: 474951
Ion Ratio Lower Upper
166 100
165 102.6 81.8 122.8
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.839 ng
RT: 15.108 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

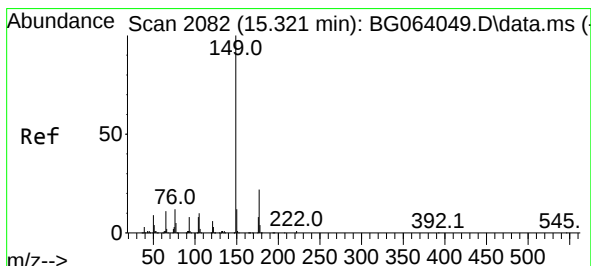
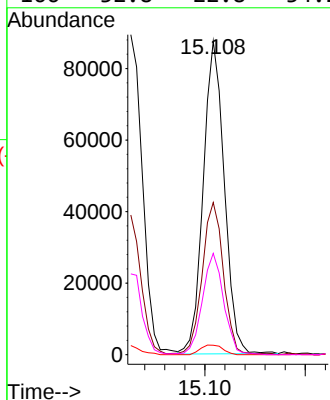
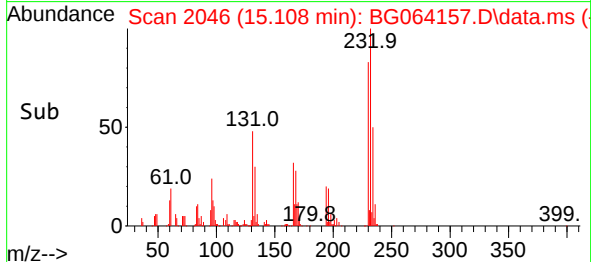
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:232 Resp: 127830
Ion Ratio Lower Upper
232 100
131 48.3 36.3 54.5
130 3.3 1.9 2.9
166 32.8 22.8 34.2

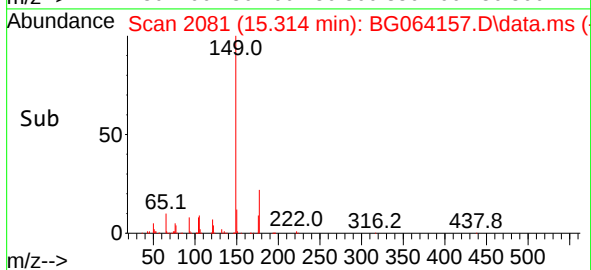
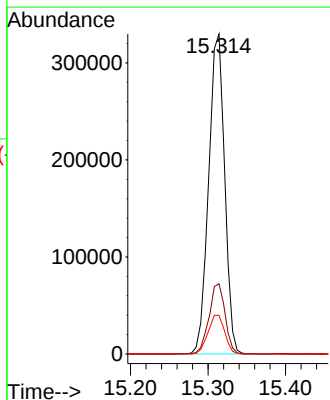
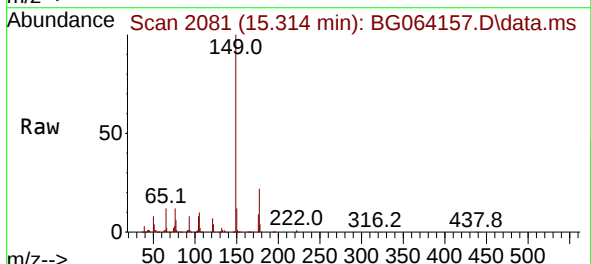
Manual Integrations
APPROVED

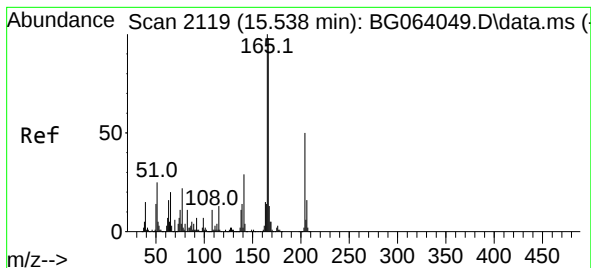
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#60
Diethylphthalate
Concen: 46.100 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

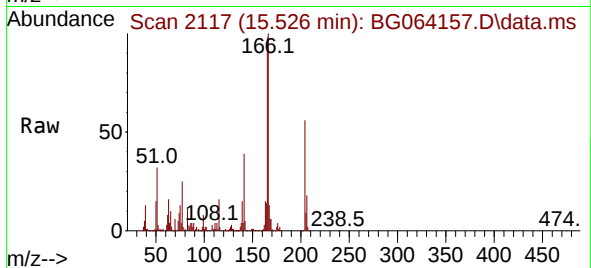
Tgt Ion:149 Resp: 472461
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 46.315 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.013 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

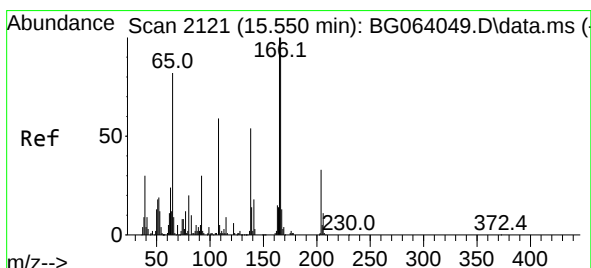
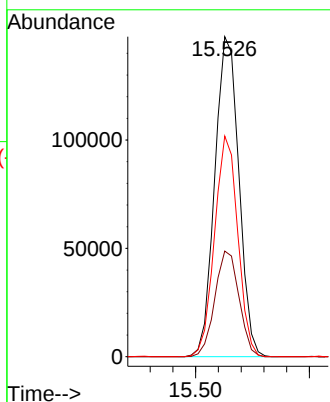
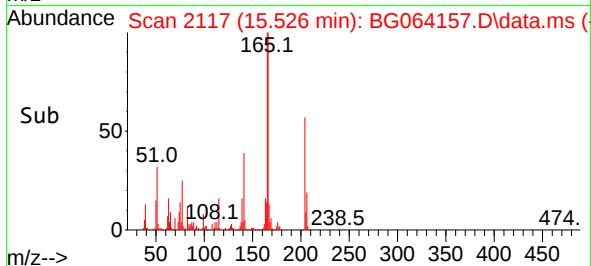
Instrument :
BNA_G
ClientSampleId :
72-12016MS



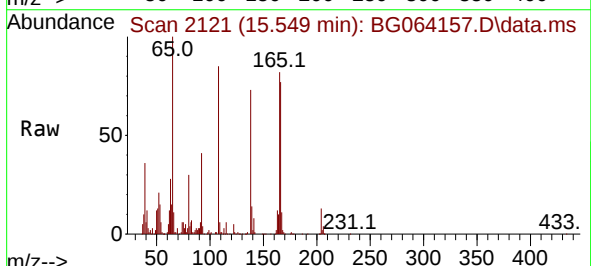
Tgt Ion:204 Resp: 217220
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 68.9 45.4 68.0

Manual Integrations
APPROVED

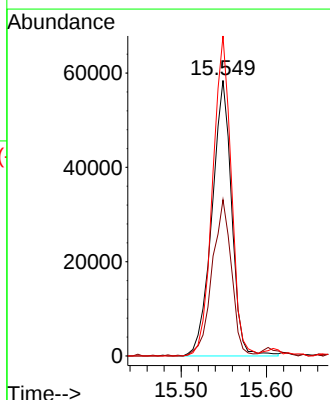
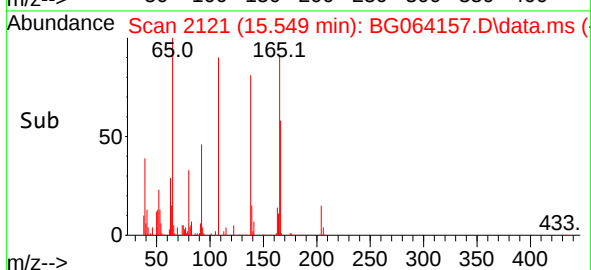
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

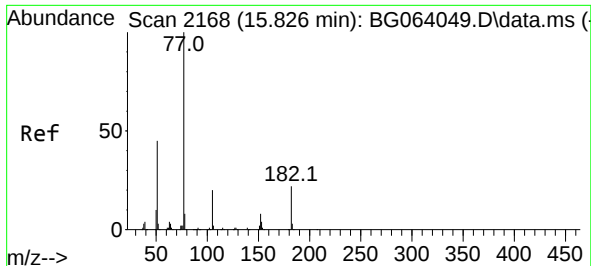


#62
4-Nitroaniline
Concen: 47.662 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



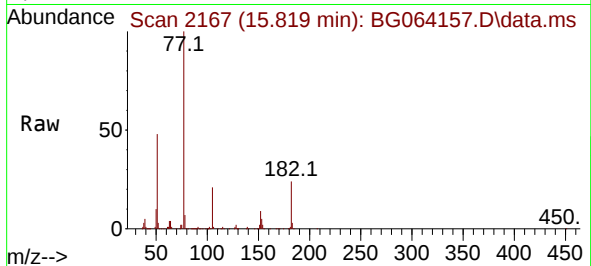
Tgt Ion:138 Resp: 93889
Ion Ratio Lower Upper
138 100
92 56.7 36.1 76.1
108 116.1 87.9 127.9





#63
Azobenzene
Concen: 46.774 ng
RT: 15.819 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

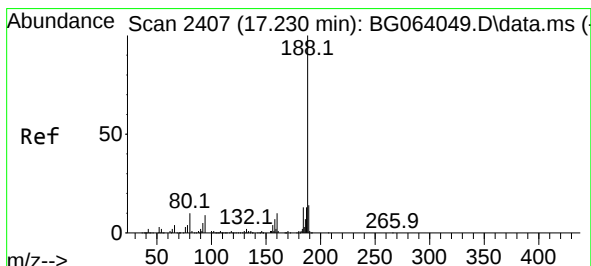
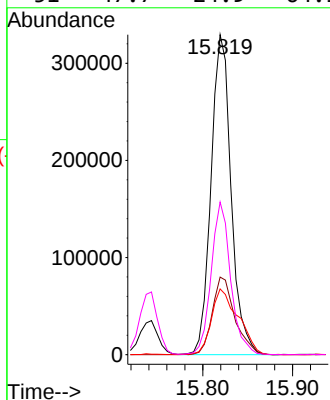
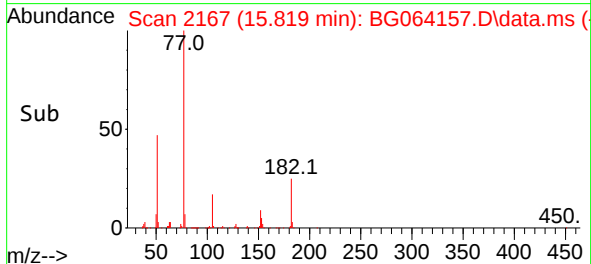
Instrument :
BNA_G
ClientSampleId :
72-12016MS



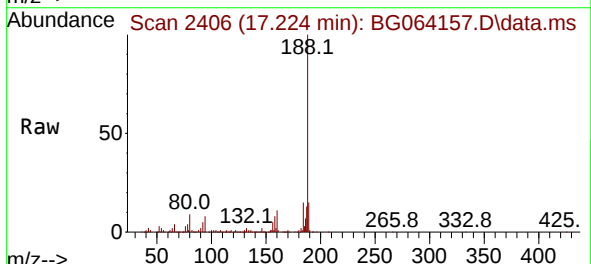
Tgt Ion: 77 Resp: 51152
Ion Ratio Lower Upper
77 100
182 24.2 2.4 42.4
105 20.5 0.0 40.0
51 47.7 24.9 64.9

Manual Integrations
APPROVED

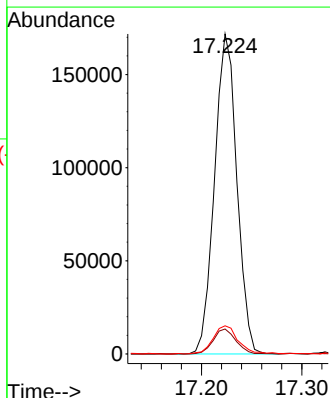
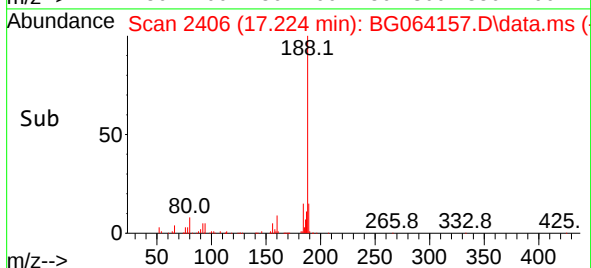
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

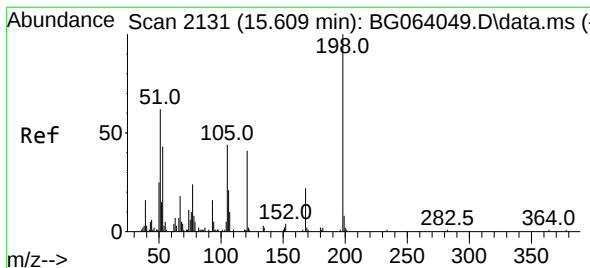


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



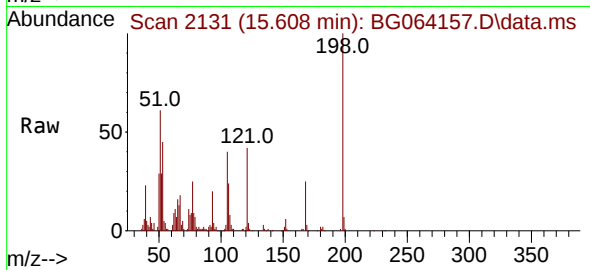
Tgt Ion:188 Resp: 265025
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.8 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 62.505 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

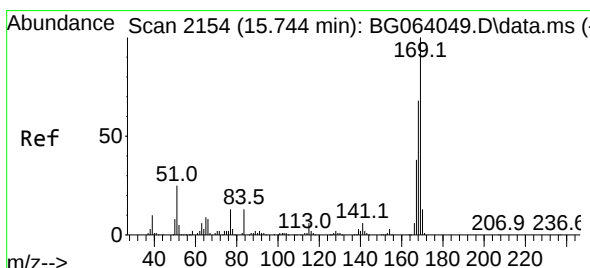
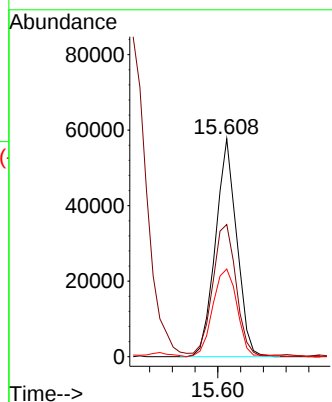
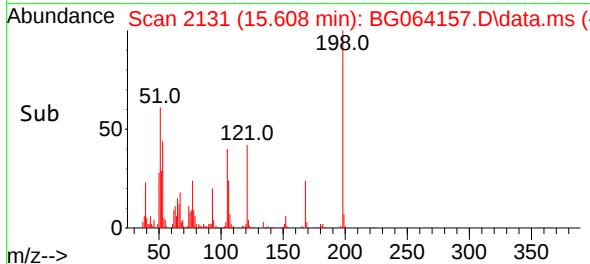
Instrument :
BNA_G
ClientSampleId :
72-12016MS



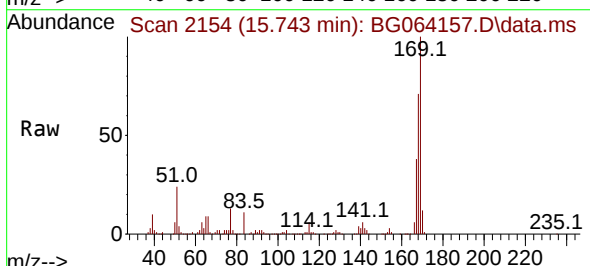
Tgt Ion:198 Resp: 74975
Ion Ratio Lower Upper
198 100
51 60.6 45.6 85.6
105 40.3 25.3 65.3

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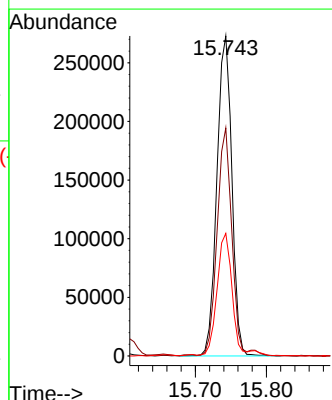
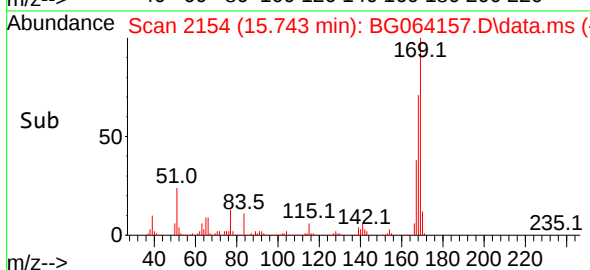
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

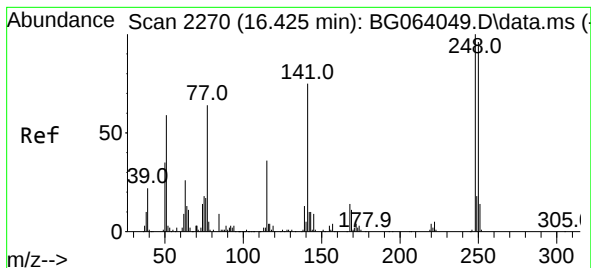


#66
n-Nitrosodiphenylamine
Concen: 52.847 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



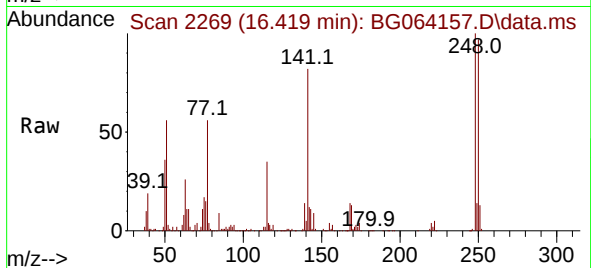
Tgt Ion:169 Resp: 396447
Ion Ratio Lower Upper
169 100
168 71.2 54.1 81.1
167 38.3 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 54.599 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

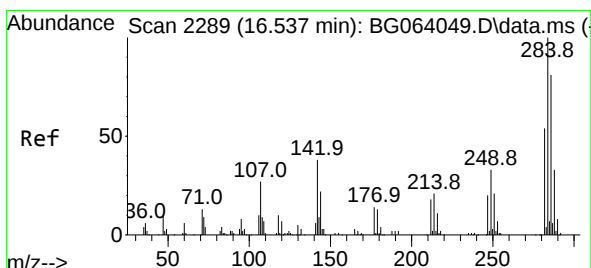
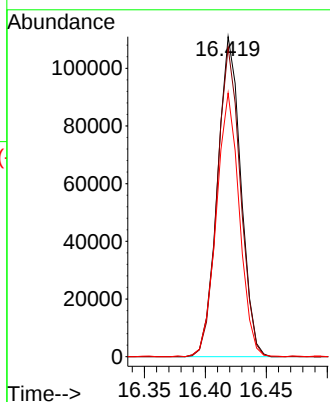
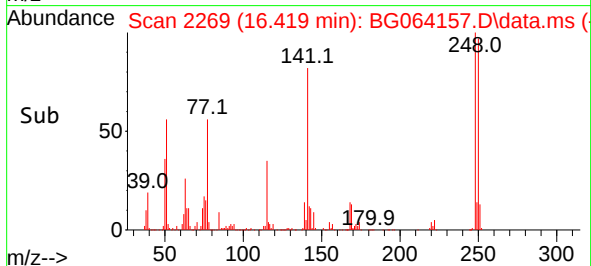
Instrument :
BNA_G
ClientSampleId :
72-12016MS



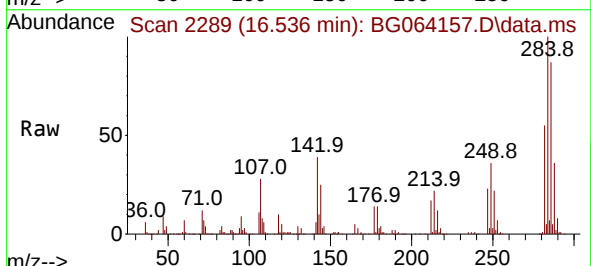
Tgt Ion:248 Resp: 14820
Ion Ratio Lower Upper
248 100
250 96.7 77.1 115.7
141 82.4 59.8 89.8

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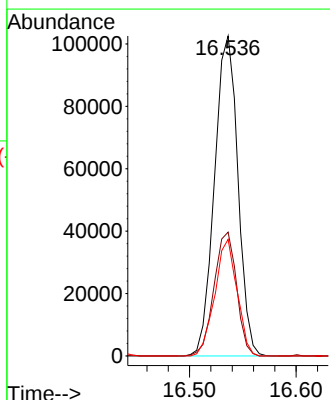
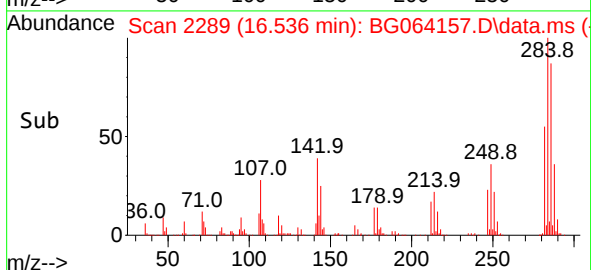
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

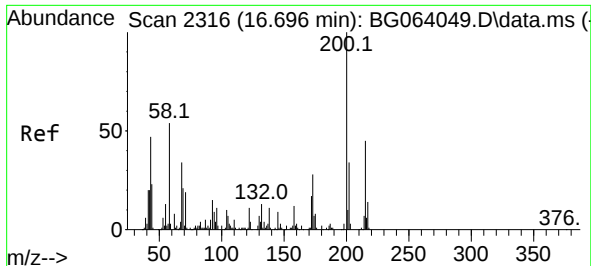


#68
Hexachlorobenzene
Concen: 51.312 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44



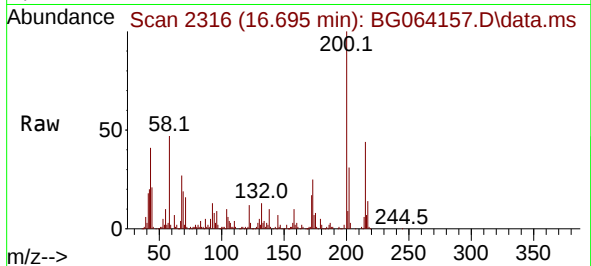
Tgt Ion:284 Resp: 155929
Ion Ratio Lower Upper
284 100
142 38.7 30.6 45.8
249 36.4 26.6 39.8





#69
 Atrazine
 Concen: 71.486 ng
 RT: 16.695 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44

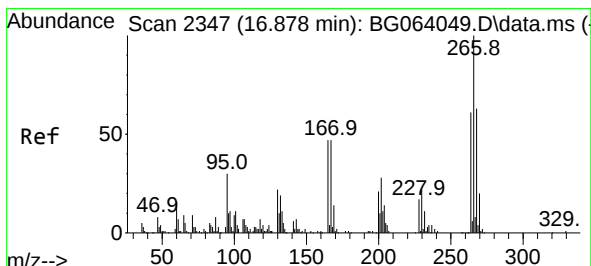
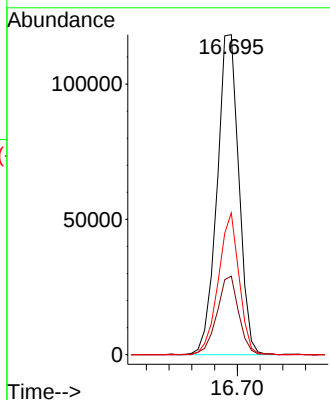
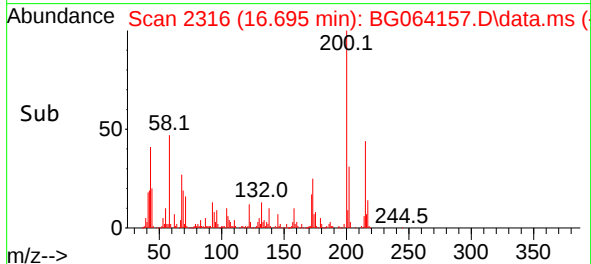
Instrument :
 BNA_G
 ClientSampleId :
 72-12016MS



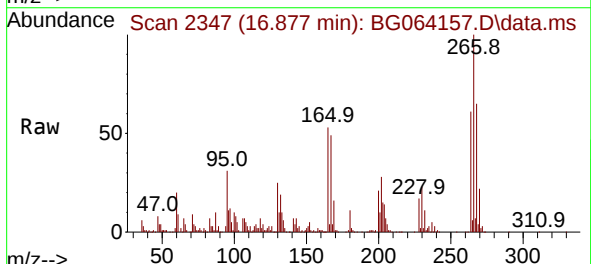
Tgt Ion:200 Resp: 157790
 Ion Ratio Lower Upper
 200 100
 173 24.6 8.2 48.2
 215 44.3 25.5 65.5

Manual Integrations
 APPROVED

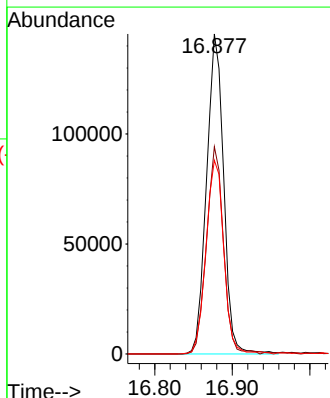
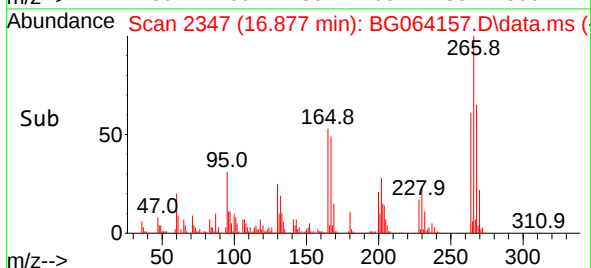
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

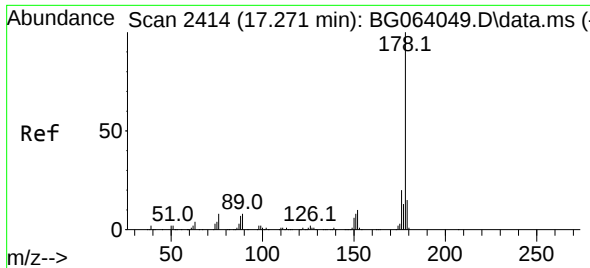


#70
 Pentachlorophenol
 Concen: 117.990 ng
 RT: 16.877 min Scan# 2347
 Delta R.T. -0.001 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44



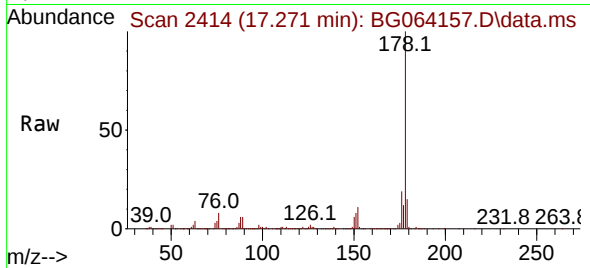
Tgt Ion:266 Resp: 222621
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.2 75.4
 264 60.5 48.9 73.3





#71
Phenanthrene
Concen: 75.002 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

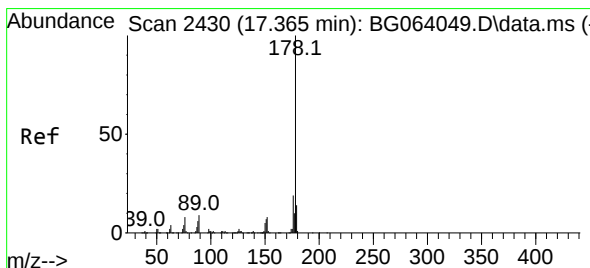
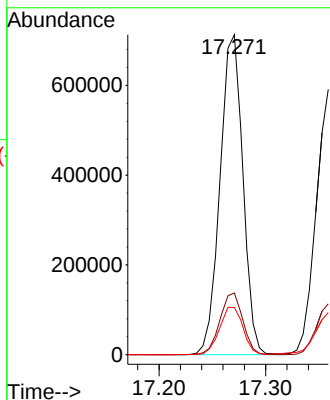
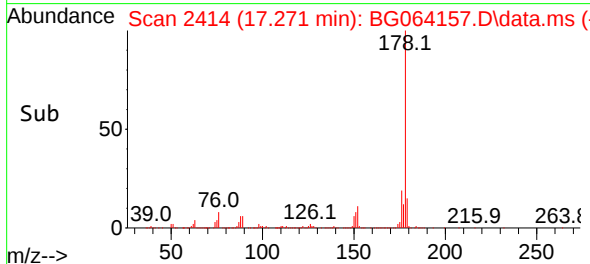
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:178 Resp: 106021
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 14.7 12.2 18.2

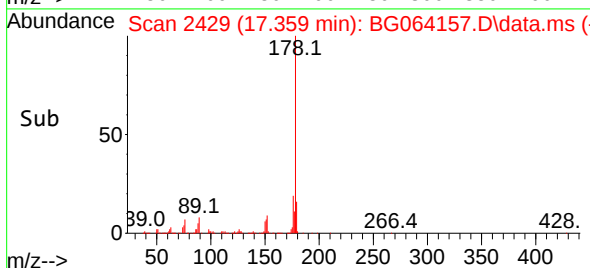
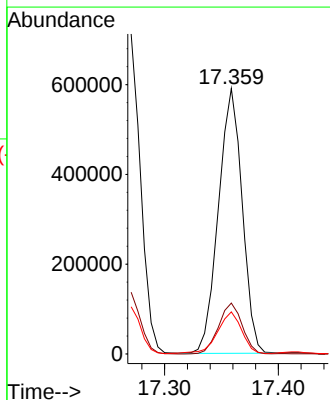
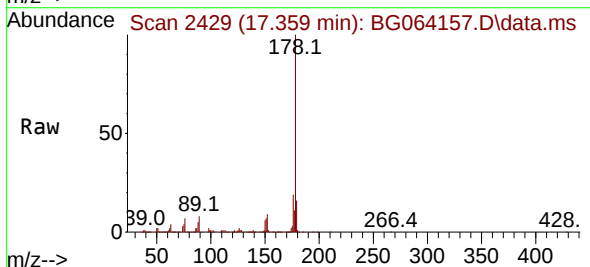
Manual Integrations
APPROVED

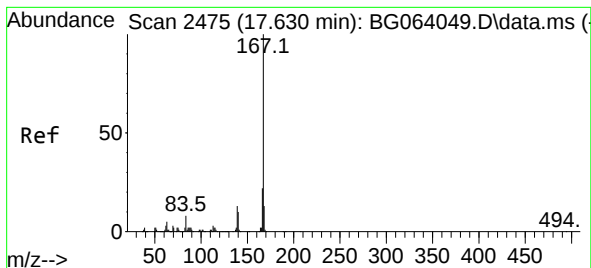
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#72
Anthracene
Concen: 61.006 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:178 Resp: 857506
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.9 11.5 17.3





#73

Carbazole

Concen: 55.062 ng

RT: 17.623 min Scan# 2475

Delta R.T. -0.007 min

Lab File: BG064157.D

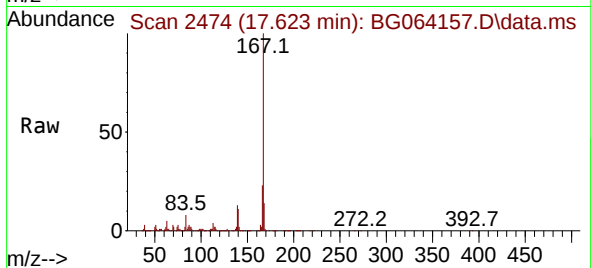
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



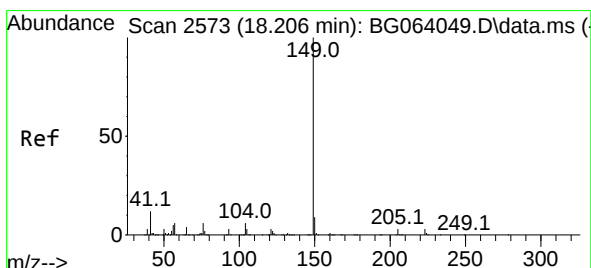
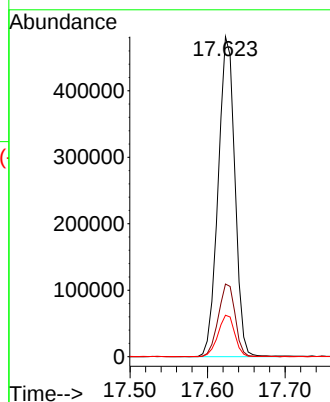
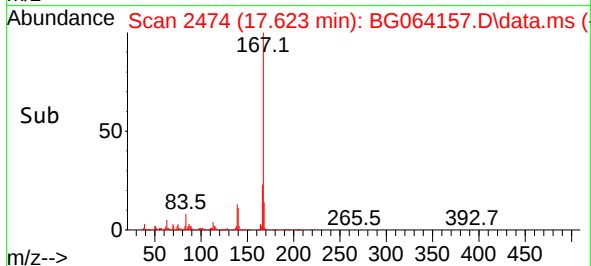
Tgt Ion:167	Resp: 72261
Ion Ratio	Lower Upper
167 100	
166 22.7	18.0 27.0
139 13.0	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#74

Di-n-butylphthalate

Concen: 51.556 ng

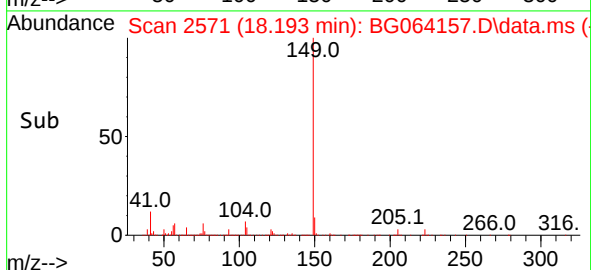
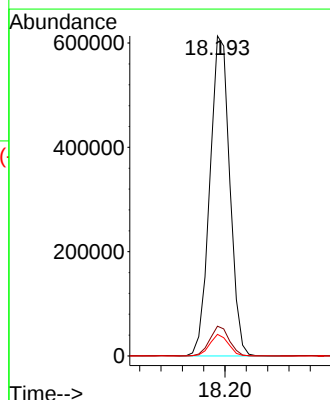
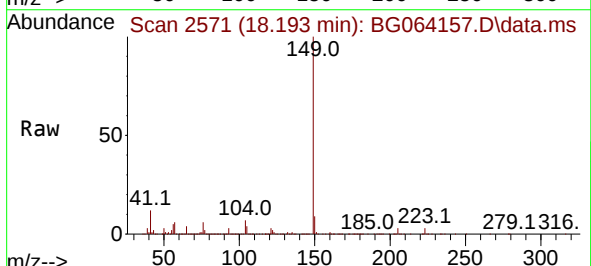
RT: 18.193 min Scan# 2571

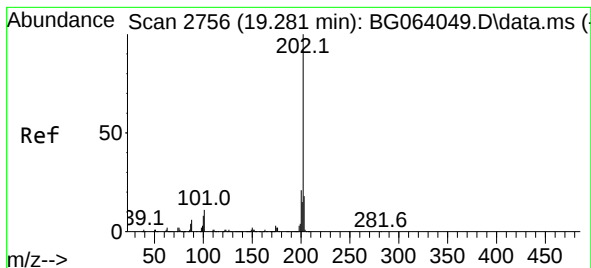
Delta R.T. -0.013 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Tgt Ion:149	Resp: 796427
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.0
104 6.7	5.0 7.6





#75

Fluoranthene

Concen: 74.925 ng

RT: 19.280 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

Tgt Ion:202 Resp: 127685

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.5

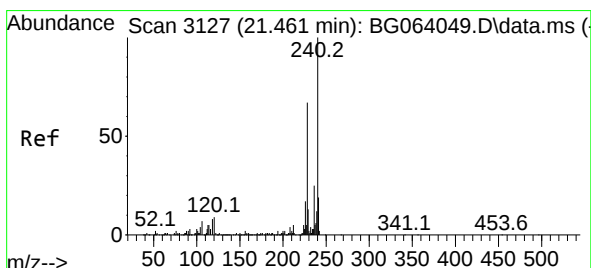
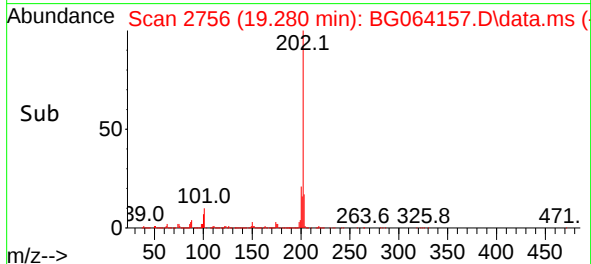
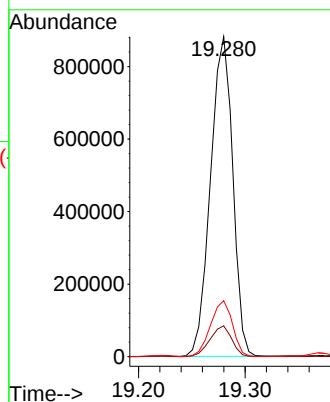
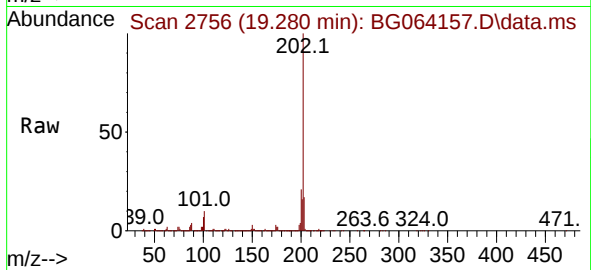
203 17.5 0.0 38.3

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: 21.460 min Scan# 3127

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

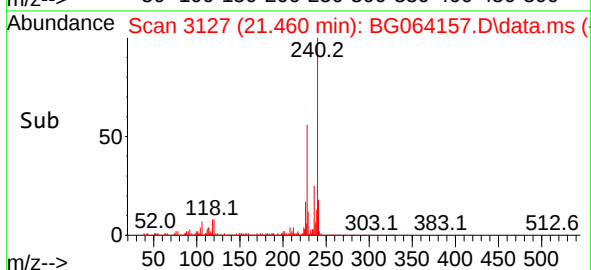
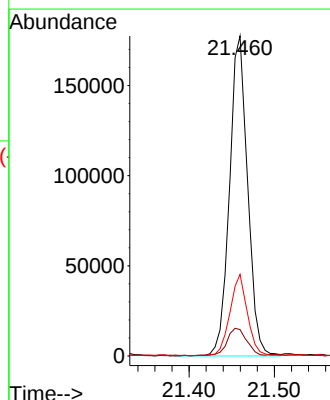
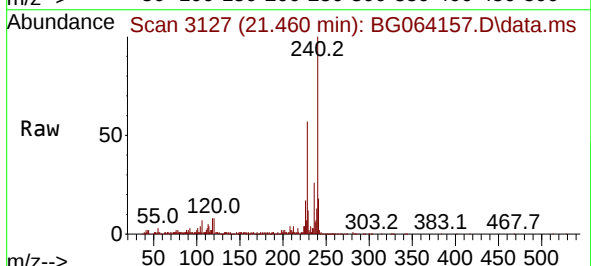
Tgt Ion:240 Resp: 262247

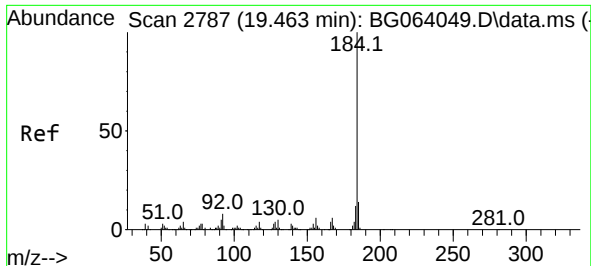
Ion Ratio Lower Upper

240 100

120 8.2 7.2 10.8

236 25.5 20.2 30.2





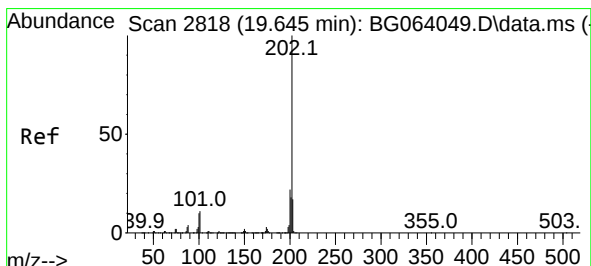
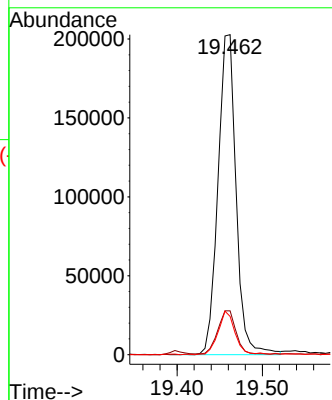
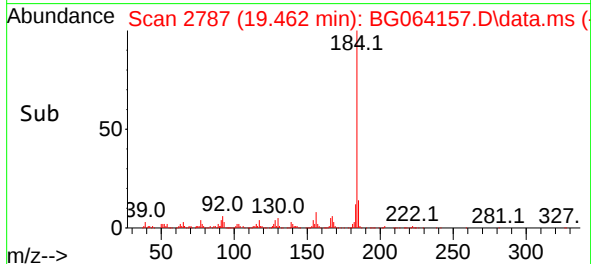
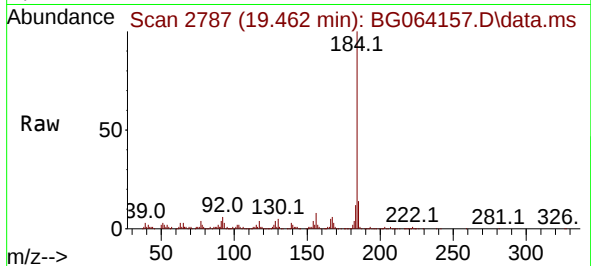
#77
Benzidine
Concen: 82.364 ng
RT: 19.462 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Instrument :
BNA_G
ClientSampleId :
72-12016MS

Tgt Ion:184 Resp: 299099
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 12.0 9.5 14.3

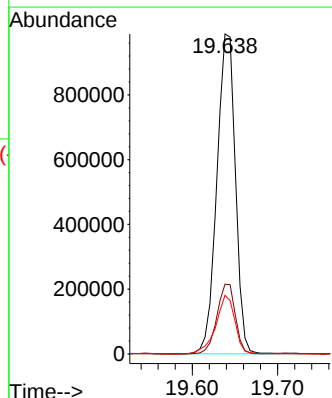
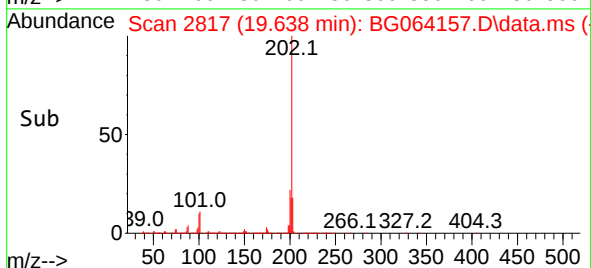
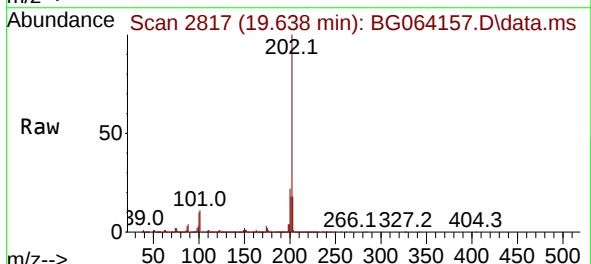
Manual Integrations
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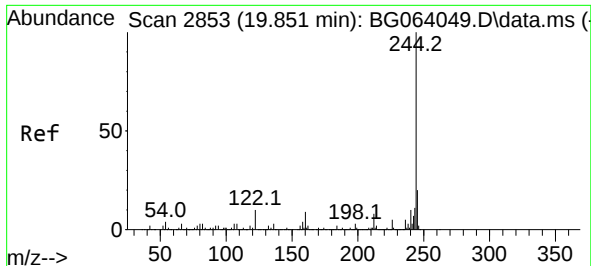
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#78
Pyrene
Concen: 88.313 ng
RT: 19.638 min Scan# 2817
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:202 Resp: 1492921
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 18.3 13.6 20.4





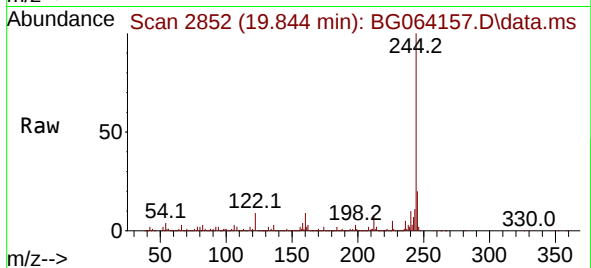
#79
 Terphenyl-d14
 Concen: 76.074 ng
 RT: 19.844 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

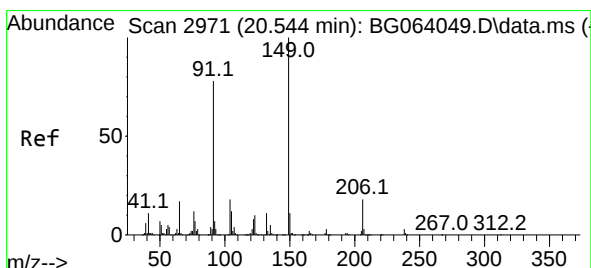
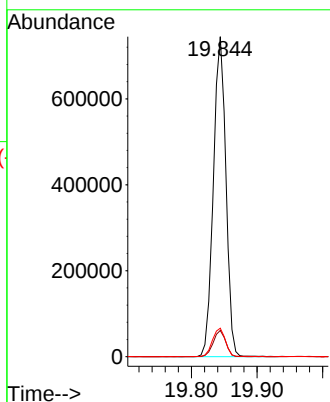
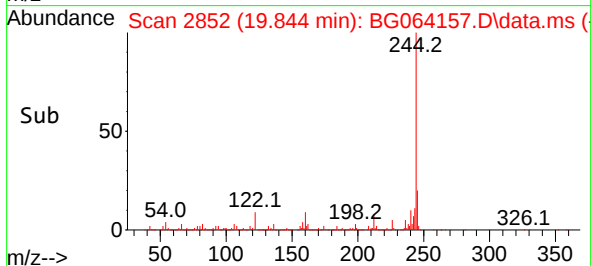


Tgt Ion:244 Resp: 986659
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 8.9 8.0 12.0

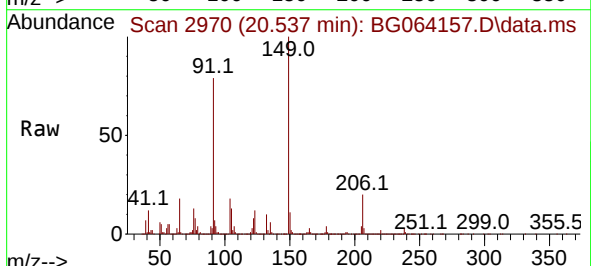
Manual Integrations

APPROVED

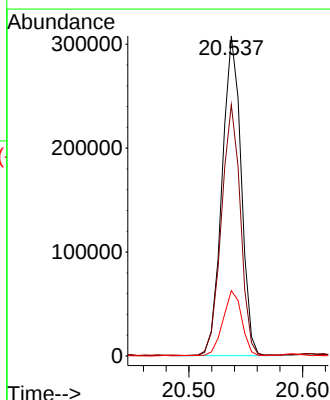
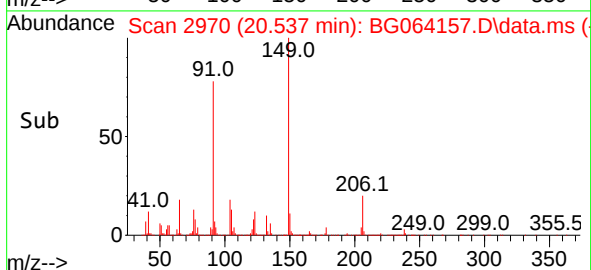
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

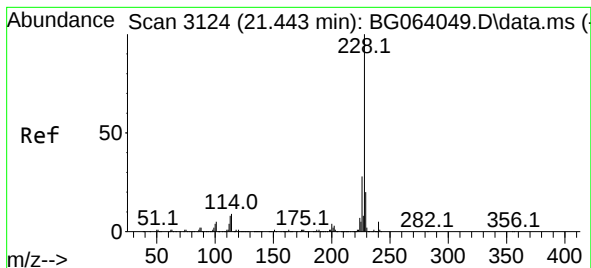


#80
 Butylbenzylphthalate
 Concen: 55.850 ng
 RT: 20.537 min Scan# 2970
 Delta R.T. -0.007 min
 Lab File: BG064157.D
 Acq: 2 Apr 2025 17:44



Tgt Ion:149 Resp: 358367
 Ion Ratio Lower Upper
 149 100
 91 78.5 62.0 93.0
 206 20.4 14.6 21.8





#81

Benzo(a)anthracene

Concen: 62.976 ng

RT: 21.442 min Scan# 3110

Delta R.T. -0.001 min

Lab File: BG064157.D

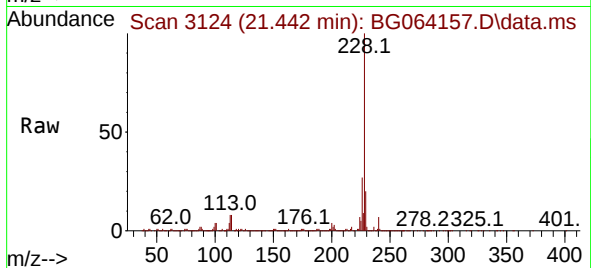
Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS



Tgt Ion:228 Resp: 105792

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

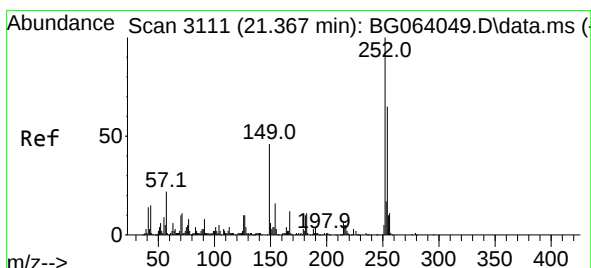
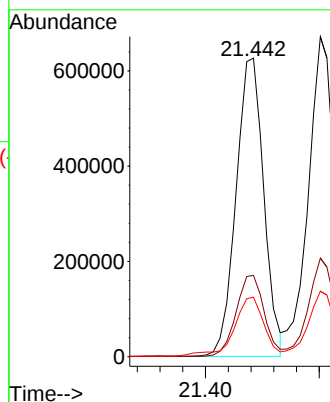
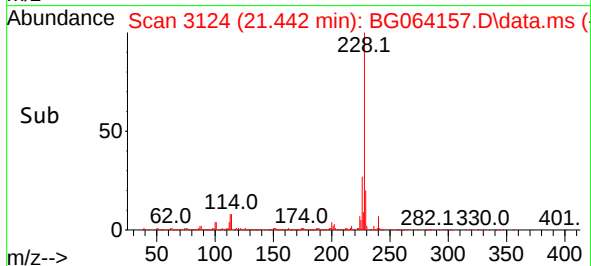
229 19.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 12.488 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

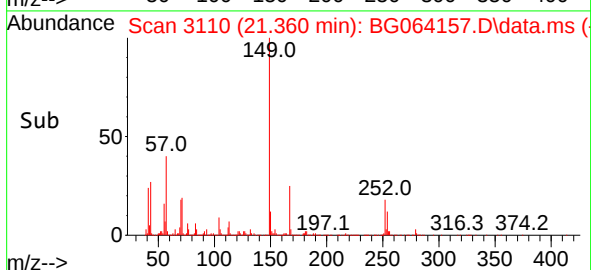
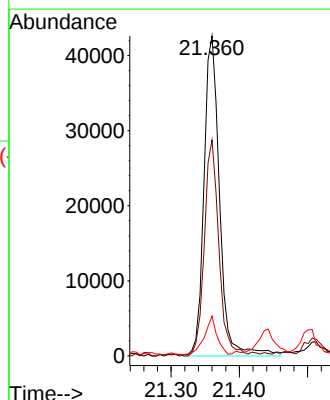
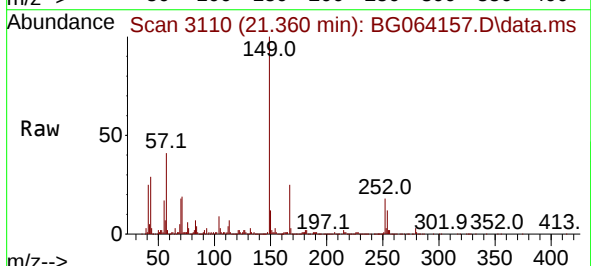
Tgt Ion:252 Resp: 67895

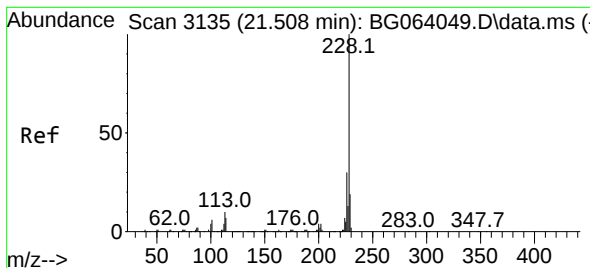
Ion Ratio Lower Upper

252 100

254 67.5 52.1 78.1

126 12.5 7.8 11.8#





#83

Chrysene

Concen: 64.072 ng

RT: 21.501 min Scan# 3135

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

Tgt Ion:228 Resp: 1073498

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

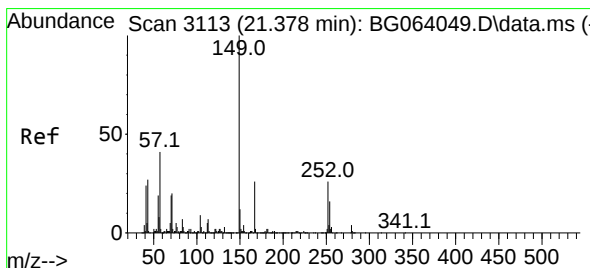
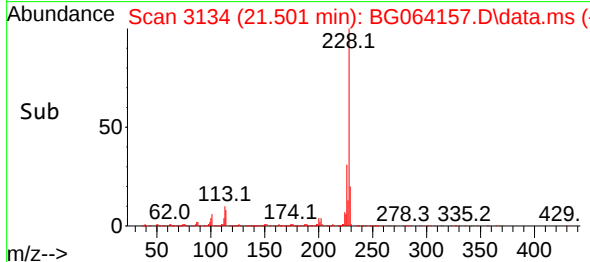
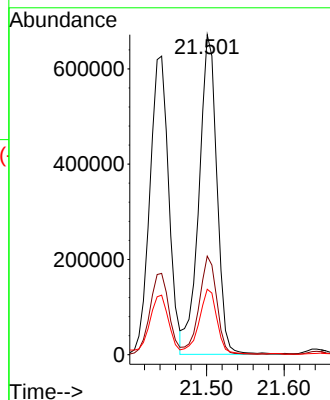
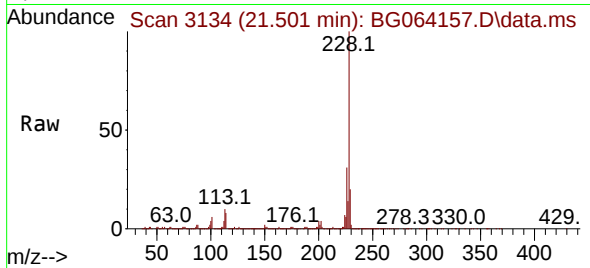
229 20.5 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.382 ng

RT: 21.372 min Scan# 3112

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

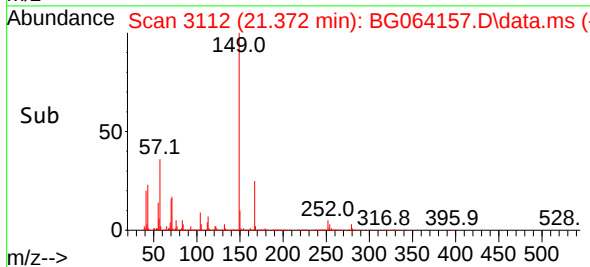
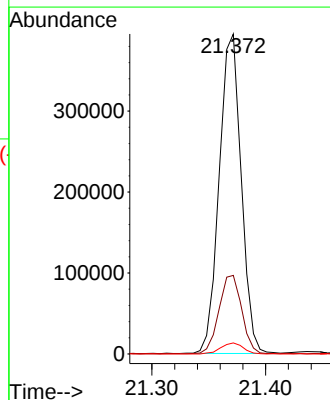
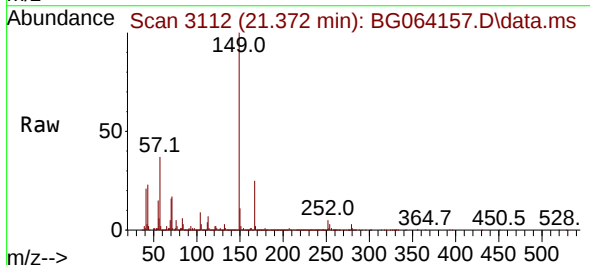
Tgt Ion:149 Resp: 530404

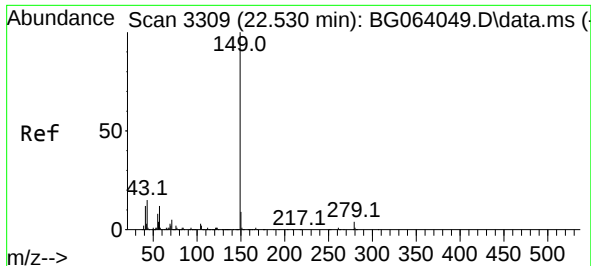
Ion Ratio Lower Upper

149 100

167 24.5 21.0 31.6

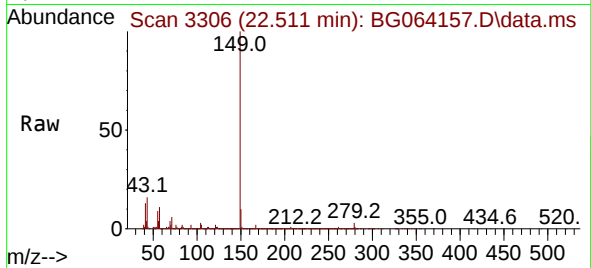
279 3.5 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 57.888 ng
RT: 22.511 min Scan# 31
Delta R.T. -0.019 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

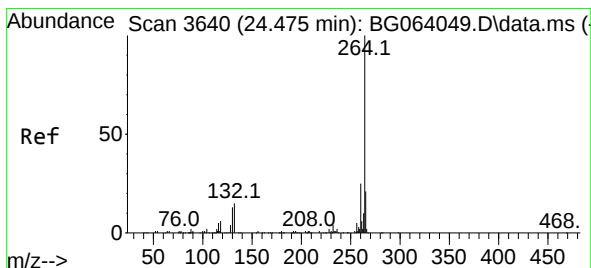
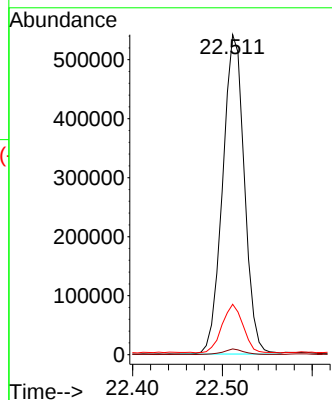
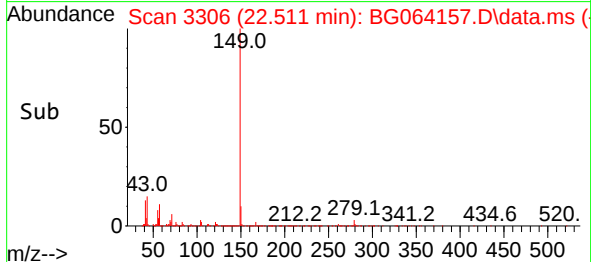
Instrument :
BNA_G
ClientSampleId :
72-12016MS



Tgt Ion:149 Resp: 90712
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.7 12.6 19.0

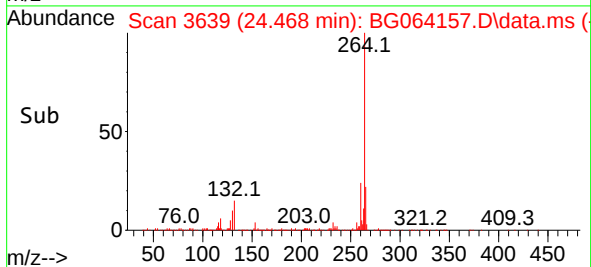
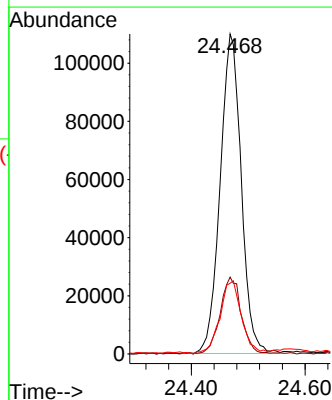
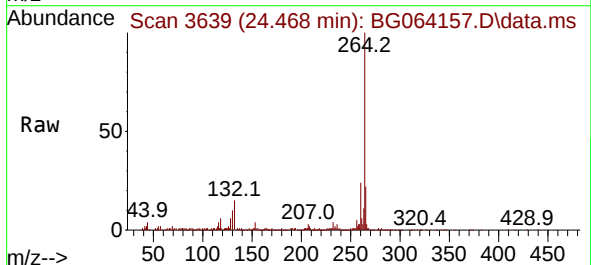
Manual Integrations
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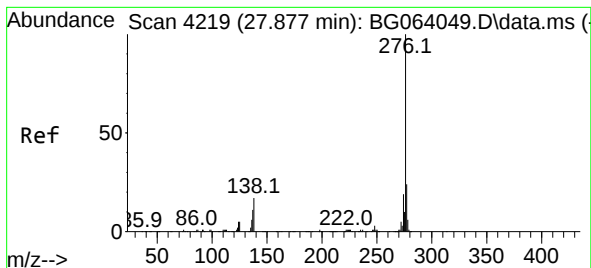
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3639
Delta R.T. -0.007 min
Lab File: BG064157.D
Acq: 2 Apr 2025 17:44

Tgt Ion:264 Resp: 282527
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.193 ng

RT: 27.882 min Scan# 4219

Delta R.T. 0.005 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

Tgt Ion:276 Resp: 108113

Ion Ratio Lower Upper

276 100

138 12.8 12.1 18.1

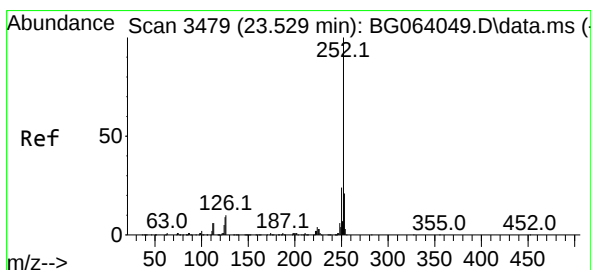
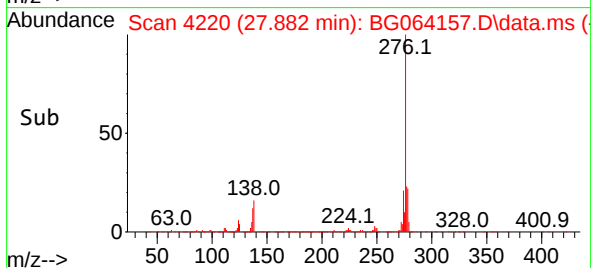
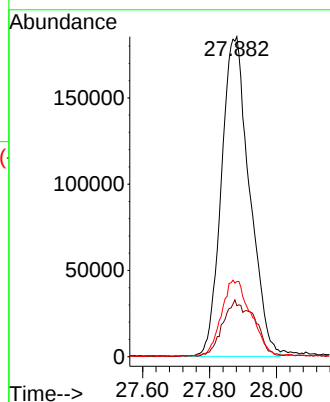
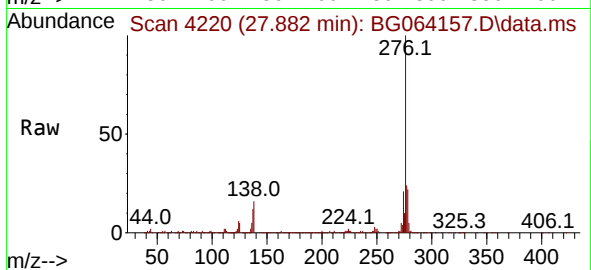
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#88

Benzo(b)fluoranthene

Concen: 61.770 ng

RT: 23.528 min Scan# 3479

Delta R.T. -0.001 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

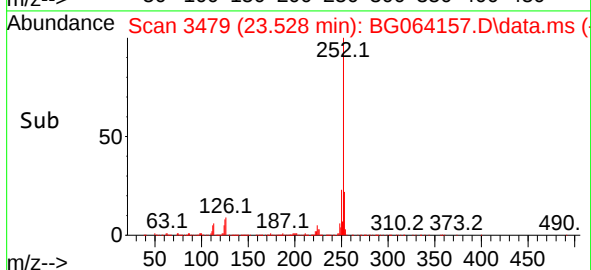
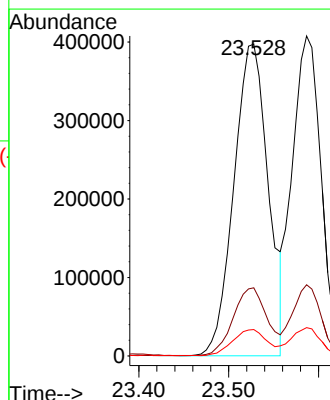
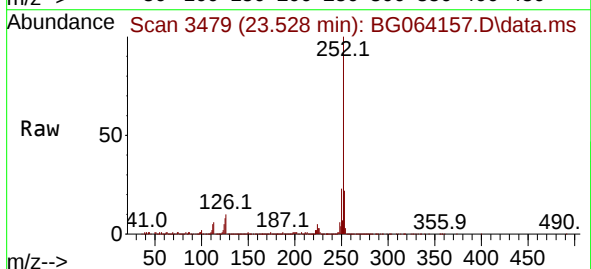
Tgt Ion:252 Resp: 1055020

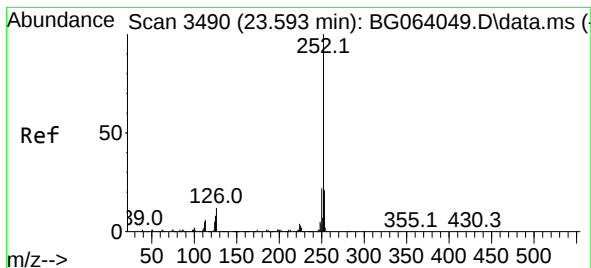
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 8.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 53.386 ng

RT: 23.587 min Scan# 34

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

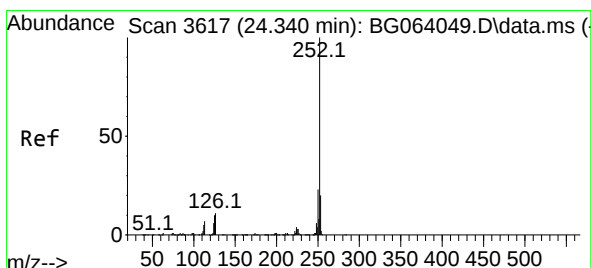
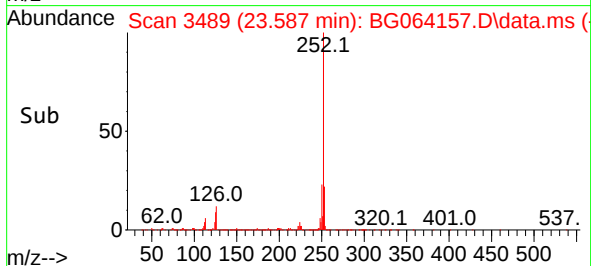
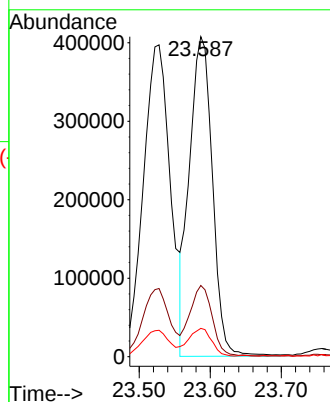
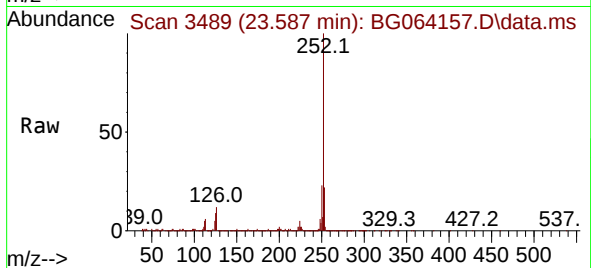
72-12016MS

Tgt Ion:252 Resp: 914750
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.8 25.2
 125 8.8 6.9 10.3

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 60.585 ng

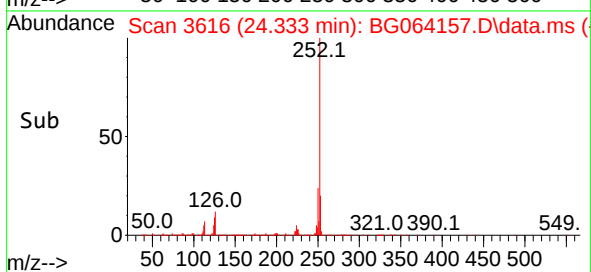
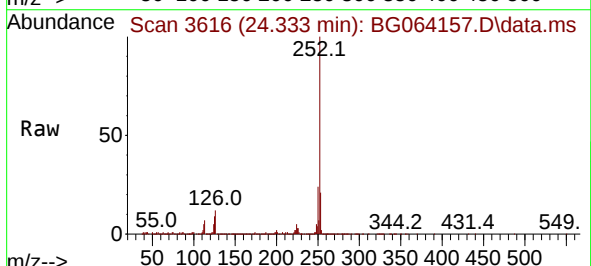
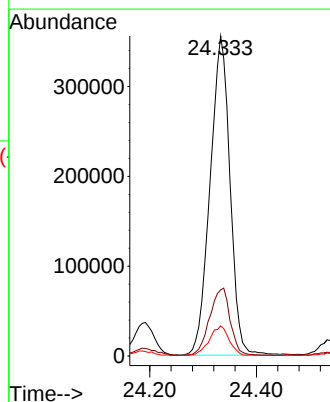
RT: 24.333 min Scan# 3616

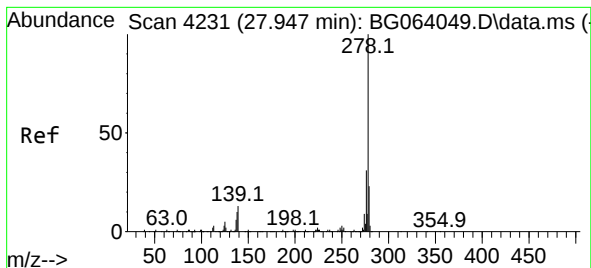
Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Tgt Ion:252 Resp: 921559
 Ion Ratio Lower Upper
 252 100
 253 20.7 16.2 24.2
 125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.157 ng

RT: 27.935 min Scan# 4399

Delta R.T. -0.013 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Instrument :

BNA_G

ClientSampleId :

72-12016MS

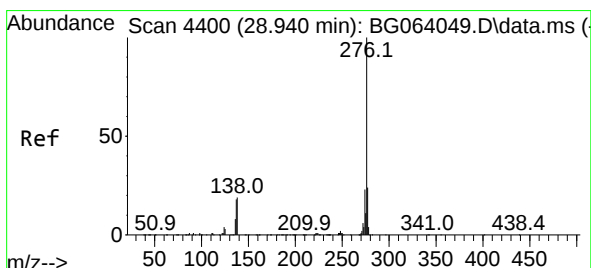
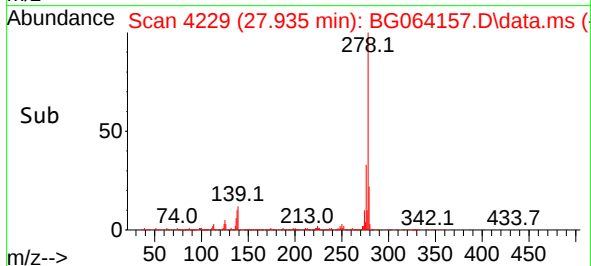
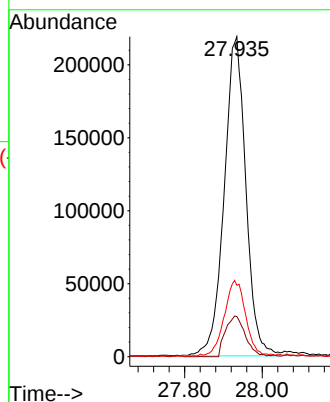
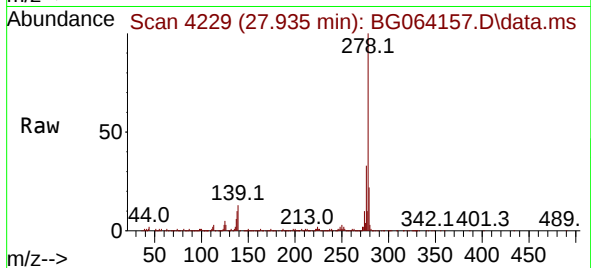
Tgt Ion:278 Resp: 848715
 Ion Ratio Lower Upper
 278 100
 139 12.6 10.2 15.2
 279 22.3 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#92

Benzo(g,h,i)perylene

Concen: 54.066 ng

RT: 28.933 min Scan# 4399

Delta R.T. -0.007 min

Lab File: BG064157.D

Acq: 2 Apr 2025 17:44

Tgt Ion:276 Resp: 869934
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.5 29.3
 138 18.5 15.4 23.0

