

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng	0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng	0.00
86) Perylene-d12	25.210	264	385865	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	249333	95.606	ng	0.00
7) Phenol-d6	7.354	99	349586	97.687	ng	0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng	0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng	99
3) Pyridine	3.999	79	161000	46.434	ng	96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng	92
6) Aniline	7.536	93	228687	46.963	ng	99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng	96
9) Benzaldehyde	7.343	77	91457	46.812	ng	96
10) Phenol	7.384	94	192663	48.681	ng	98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng	95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng	98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng	93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng	96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng	99
17) 2-Methylphenol	8.653	107	126868	48.282	ng	94
18) Hexachloroethane	9.328	117	54330	48.463	ng	94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng	97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng	99
22) Acetophenone	9.046	105	234956	47.155	ng	# 100
24) Nitrobenzene	9.428	77	171837	52.060	ng	96
25) Isophorone	9.957	82	348174	47.813	ng	97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng	90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng	96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng	99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng	94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng	94
31) Naphthalene	11.103	128	471891	46.695	ng	98
32) Benzoic acid	10.321	122	97970m	47.410	ng	
33) 4-Chloroaniline	11.191	127	186814	47.560	ng	98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng	98
35) Caprolactam	11.961	113	53689	48.020	ng	# 93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng	98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng	97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng	95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng	99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng	98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng	98

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Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

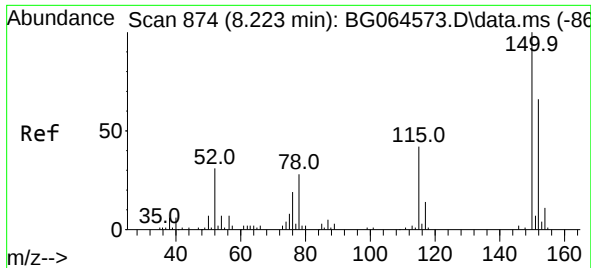
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng	96
46) 1,1'-Biphenyl	13.688	154	470676	46.613	ng	99
47) 2-Chloronaphthalene	13.729	162	359811	47.208	ng	99
48) 2-Nitroaniline	13.911	65	121908	47.668	ng	92
49) Acenaphthylene	14.569	152	565771	47.060	ng	99
50) Dimethylphthalate	14.293	163	519303	47.781	ng	99
51) 2,6-Dinitrotoluene	14.405	165	86665	48.306	ng	99
52) Acenaphthene	14.910	154	388012	47.239	ng	99
53) 3-Nitroaniline	14.734	138	99748	53.405	ng	96
54) 2,4-Dinitrophenol	14.928	184	49318	47.268	ng	89
55) Dibenzofuran	15.239	168	615553	46.355	ng	99
56) 4-Nitrophenol	15.016	139	88609	51.169	ng	95
57) 2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	# 99
58) Fluorene	15.891	166	481625	46.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng	99
60) Diethylphthalate	15.650	149	527594	47.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng	98
62) 4-Nitroaniline	15.891	138	110067	52.970	ng	98
63) Azobenzene	16.168	77	475203	46.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng	95
66) n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng	96
68) Hexachlorobenzene	16.890	284	223018	48.043	ng	94
69) Atrazine	17.025	200	187862	47.066	ng	96
70) Pentachlorophenol	17.225	266	147427	50.930	ng	95
71) Phenanthrene	17.625	178	875415	46.621	ng	99
72) Anthracene	17.719	178	893629	46.785	ng	99
73) Carbazole	17.977	167	781031	46.370	ng	100
74) Di-n-butylphthalate	18.535	149	930281	47.762	ng	100
75) Fluoranthene	19.622	202	1092855	46.459	ng	99
77) Benzidine	19.787	184	382418	46.435	ng	100
78) Pyrene	19.981	202	1133345	47.190	ng	99
80) Butylbenzylphthalate	20.856	149	374611	51.609	ng	100
81) Benzo(a)anthracene	21.843	228	1151242	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng	97
83) Chrysene	21.908	228	1091456	47.062	ng	98
84) Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng	98
85) Di-n-octyl phthalate	23.018	149	896763	49.039	ng	99
87) Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng	97
88) Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng	100
89) Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng	98
90) Benzo(a)pyrene	25.051	252	1029605	47.339	ng	99
91) Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng	99
92) Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng	99

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

Manual Integrations

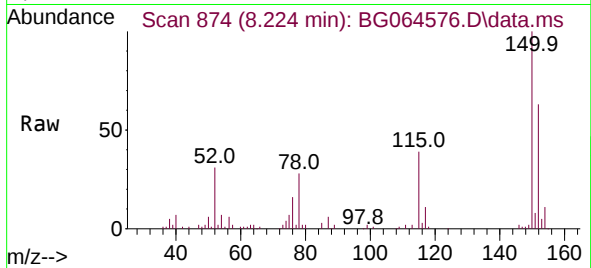
Quant Time: Nov 03 18:03:30 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

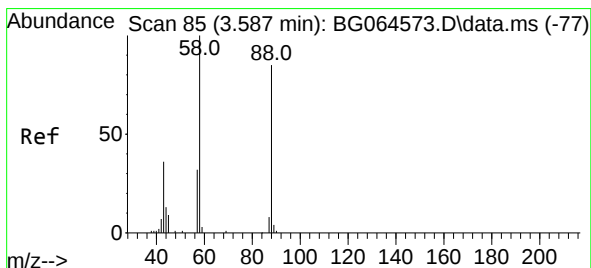
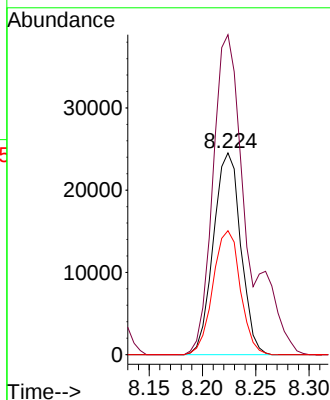
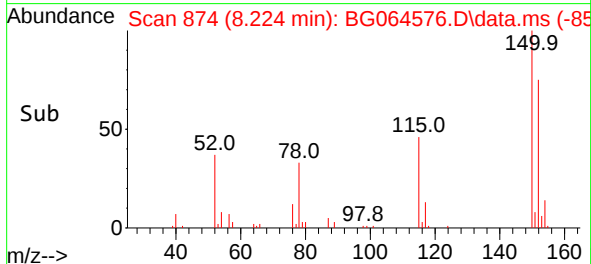
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



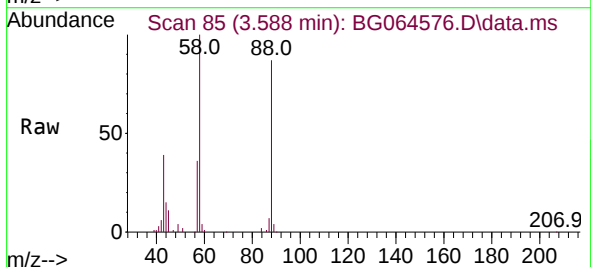
Tgt Ion:152 Resp: 43774
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 61.5 50.8 76.2

Manual Integrations
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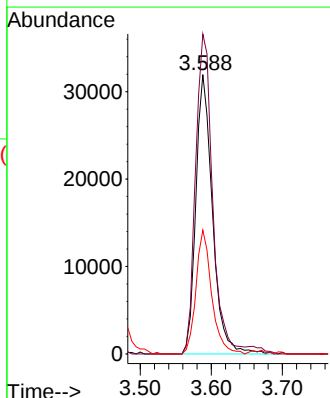
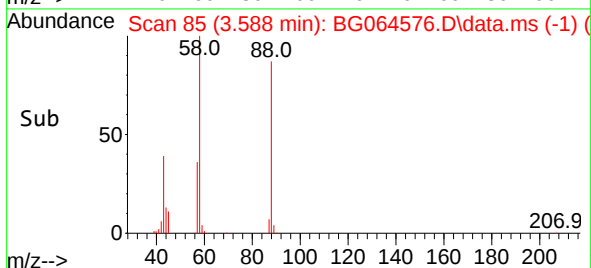
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

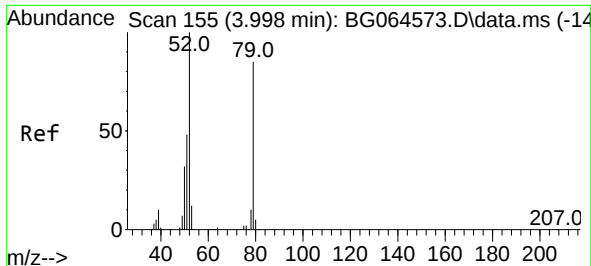


#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



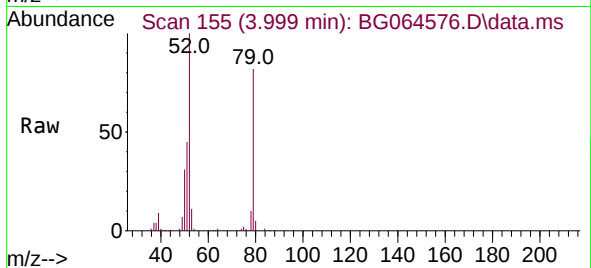
Tgt Ion: 88 Resp: 51872
Ion Ratio Lower Upper
88 100
58 116.7 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

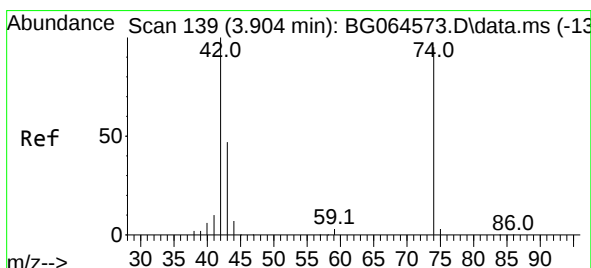
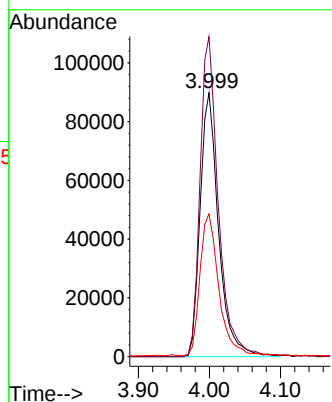
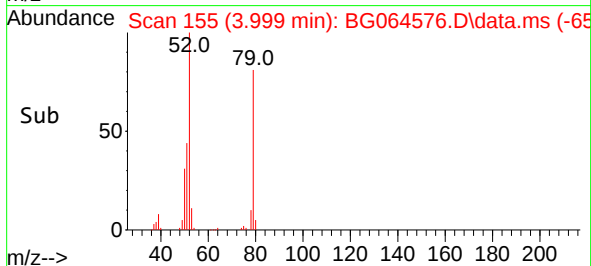
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



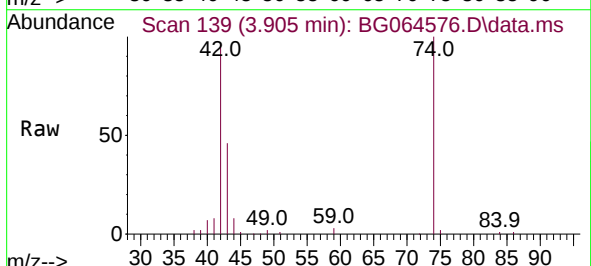
Tgt Ion: 79 Resp: 161000
Ion Ratio Lower Upper
79 100
52 121.3 94.2 141.2
51 54.1 46.1 69.1

Manual Integrations
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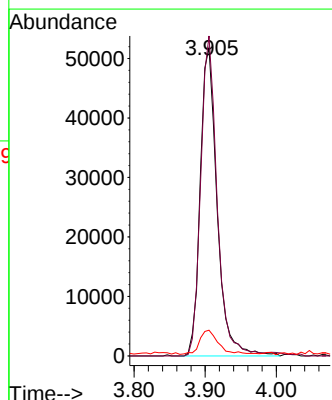
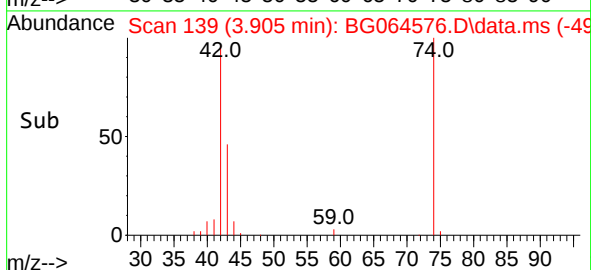
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

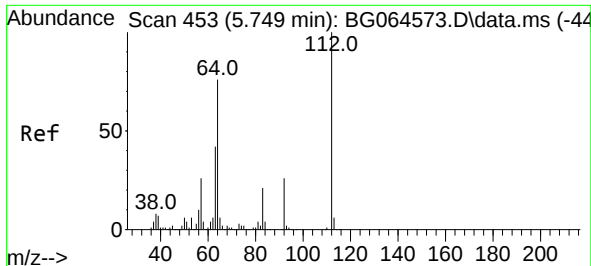


#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



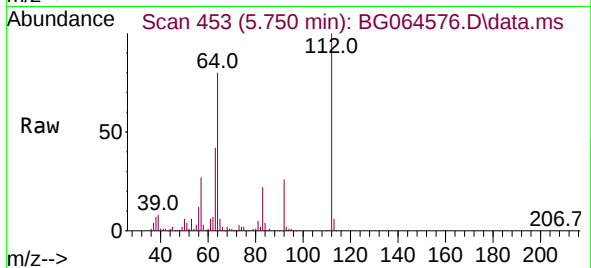
Tgt Ion: 42 Resp: 85377
Ion Ratio Lower Upper
42 100
74 103.9 76.1 114.1
44 8.4 6.3 9.5





#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

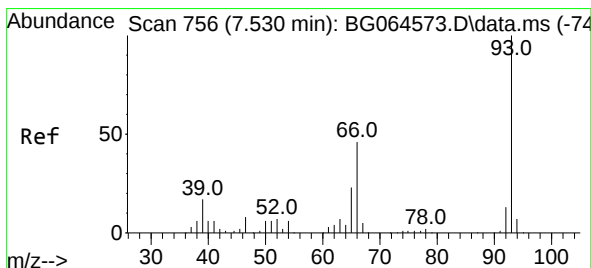
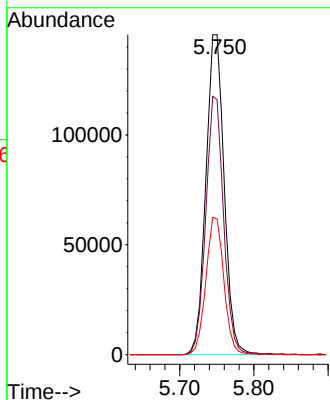
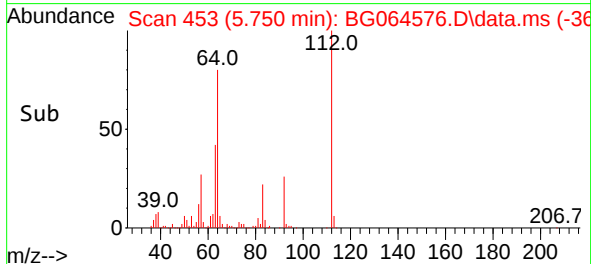
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



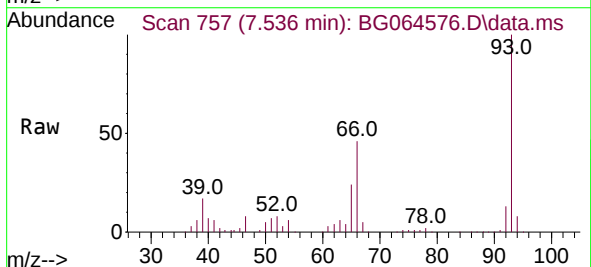
Tgt Ion:112 Resp: 249333
Ion Ratio Lower Upper
112 100
64 79.6 60.7 91.1
63 42.3 33.4 50.0

Manual Integrations
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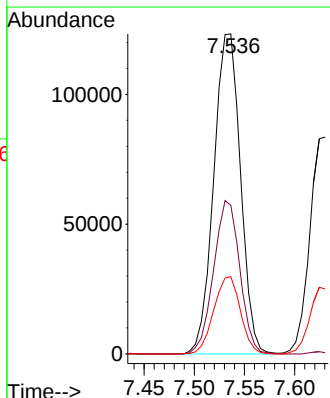
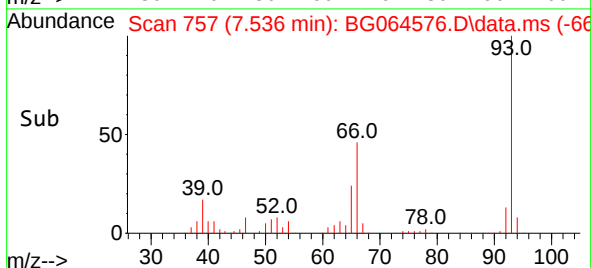
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

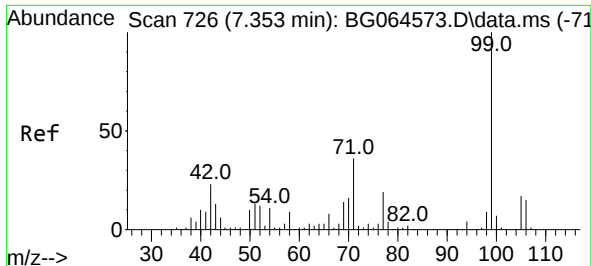


#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



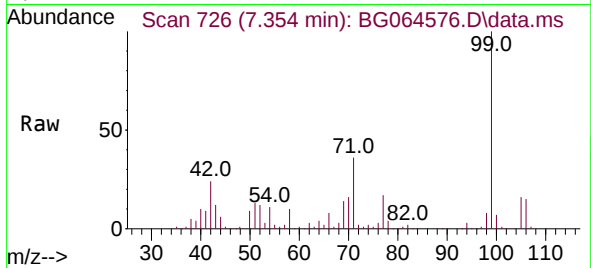
Tgt Ion: 93 Resp: 228687
Ion Ratio Lower Upper
93 100
66 46.4 37.0 55.6
65 24.1 18.3 27.5





#7
Phenol-d6
Concen: 97.687 ng
RT: 7.354 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

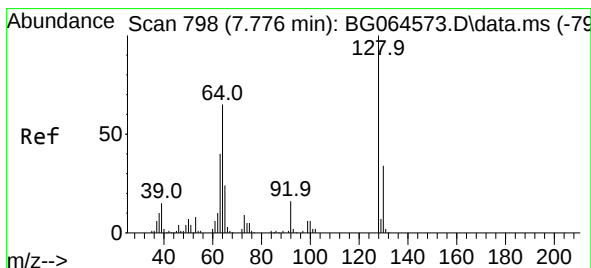
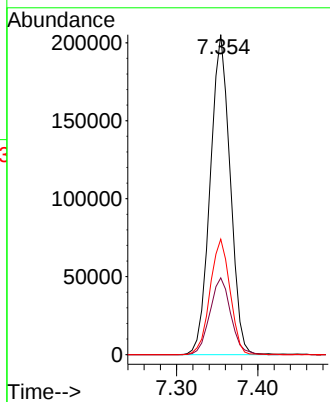
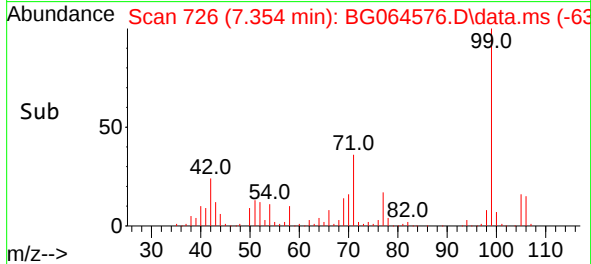
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 349586
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 36.1 28.6 43.0

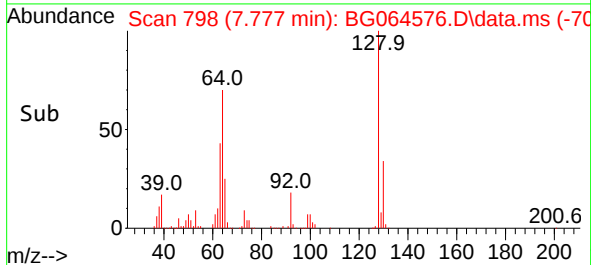
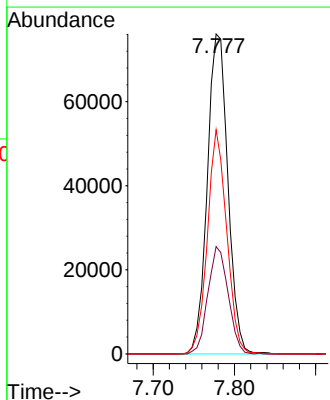
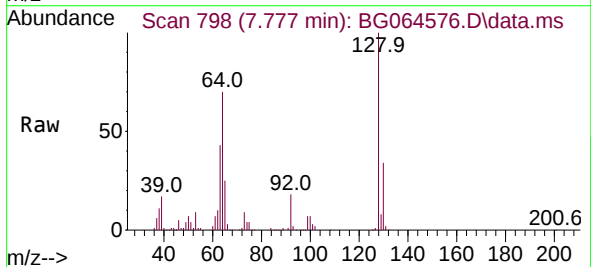
Manual Integrations
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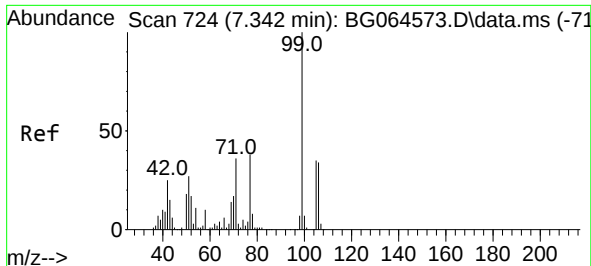
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 49.112 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

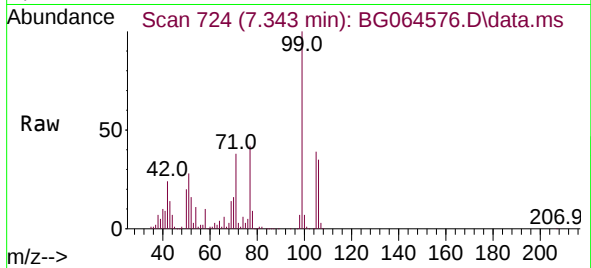
Tgt Ion:128 Resp: 134062
Ion Ratio Lower Upper
128 100
130 33.5 13.5 53.5
64 70.0 45.2 85.2





#9
Benzaldehyde
Concen: 46.812 ng
RT: 7.343 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

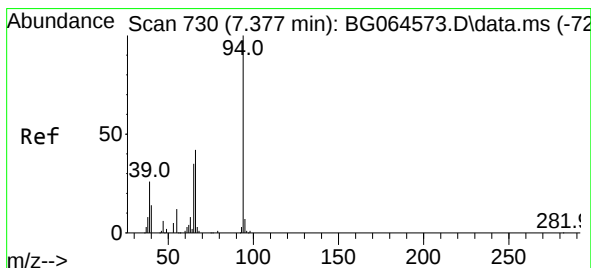
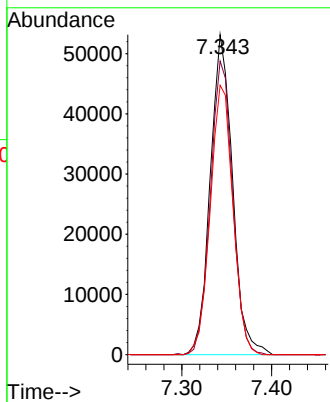
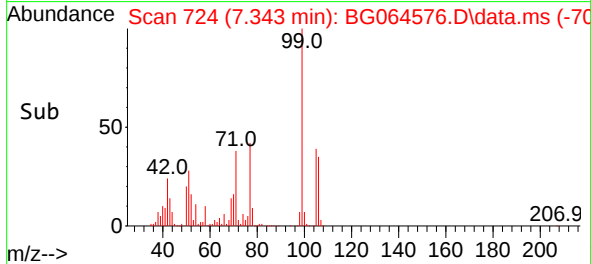
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ClientSampleId :
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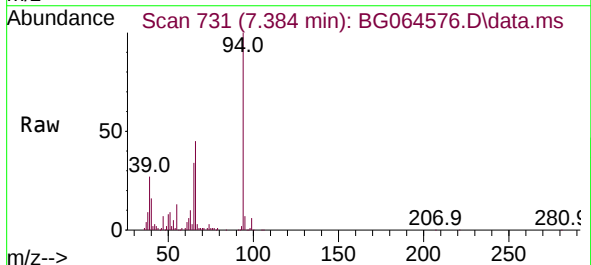
Tgt Ion: 77 Resp: 9145
Ion Ratio Lower Upper
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105 91.7 72.9 112.9
106 84.2 70.8 110.8

Manual Integrations
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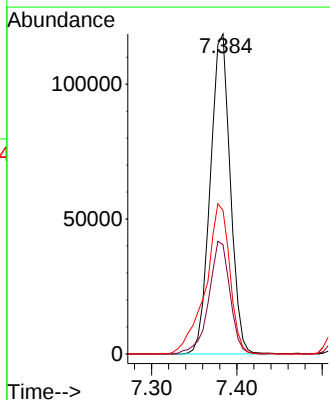
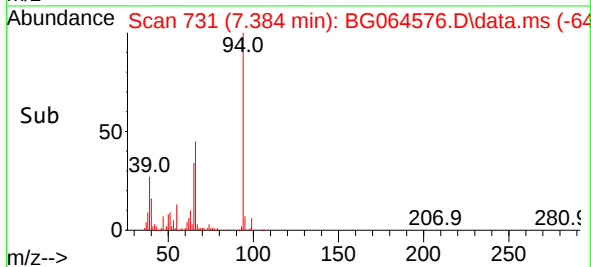
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 48.681 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



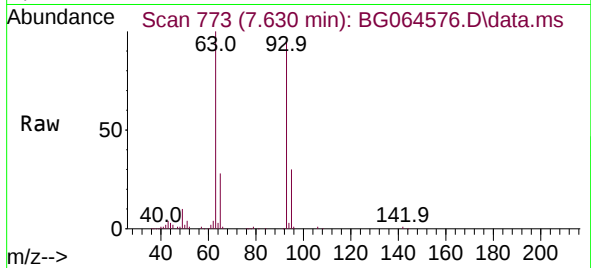
Tgt Ion: 94 Resp: 192663
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 44.8 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 47.894 ng
RT: 7.630 min Scan# 71
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

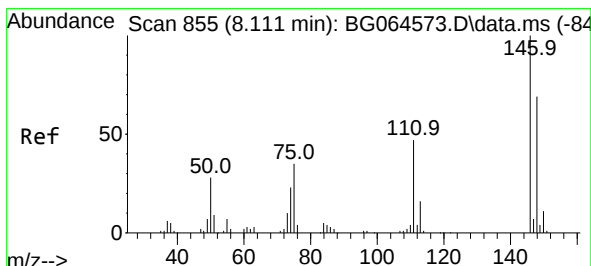
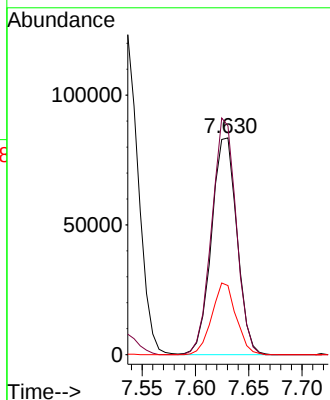
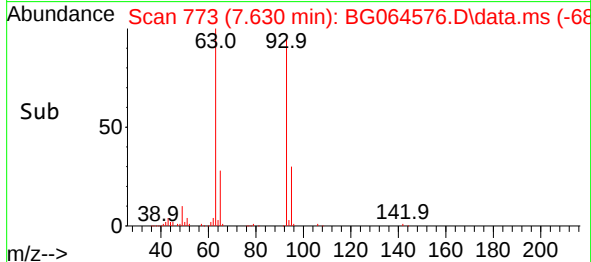
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



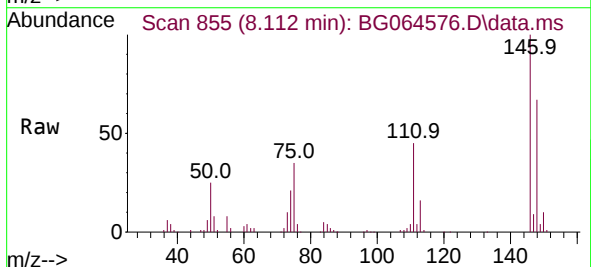
Tgt Ion: 93 Resp: 139360
Ion Ratio Lower Upper
93 100
63 105.5 91.3 131.3
95 31.8 13.3 53.3

Manual Integrations
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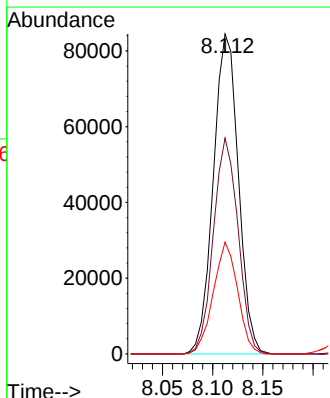
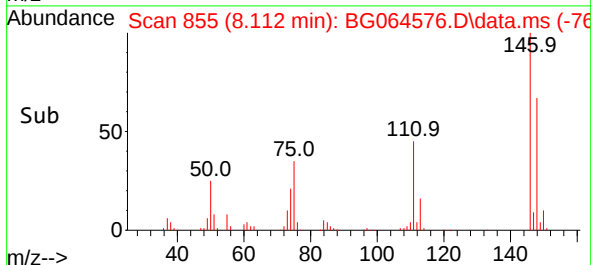
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

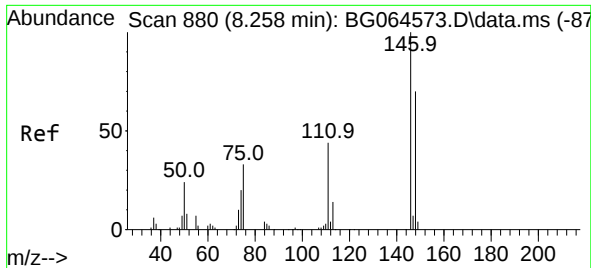


#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:146 Resp: 146905
Ion Ratio Lower Upper
146 100
148 67.4 55.3 82.9
75 34.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.293 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 151083

Ion Ratio Lower Upper

146 100

148 62.7 56.2 84.4

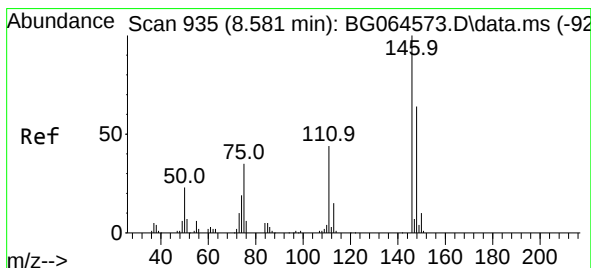
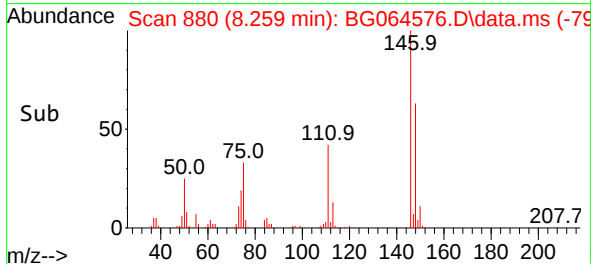
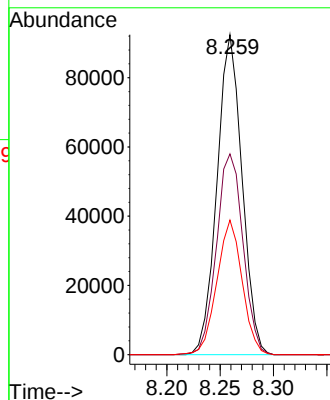
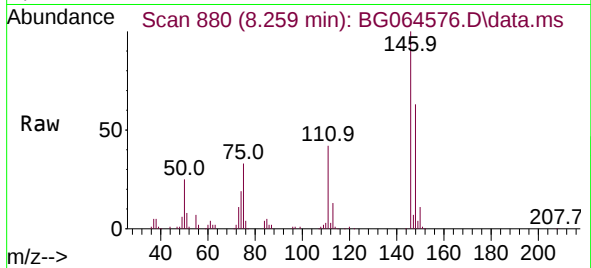
111 42.0 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.729 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

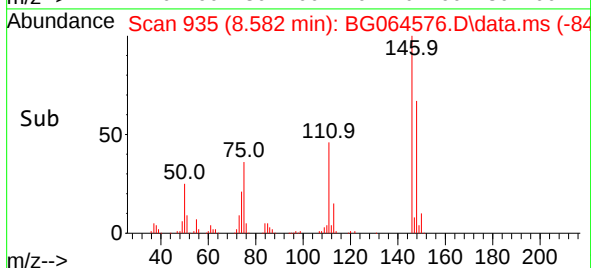
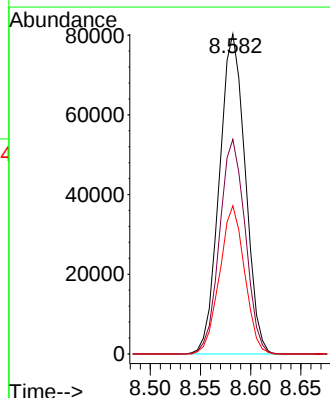
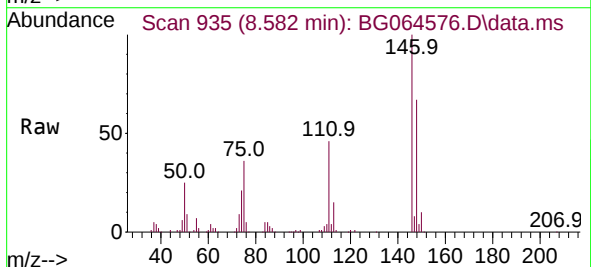
Tgt Ion:146 Resp: 143986

Ion Ratio Lower Upper

146 100

148 67.0 51.5 77.3

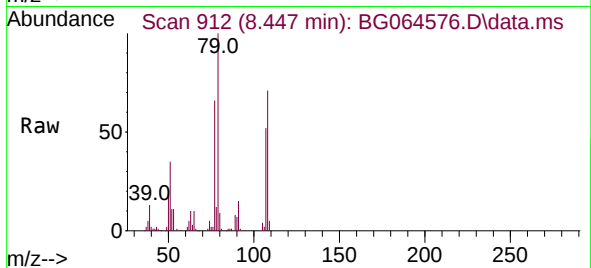
111 46.3 35.0 52.6





#15
Benzyl Alcohol
Concen: 48.417 ng
RT: 8.447 min Scan# 912
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

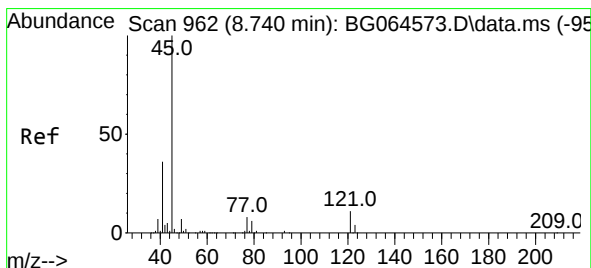
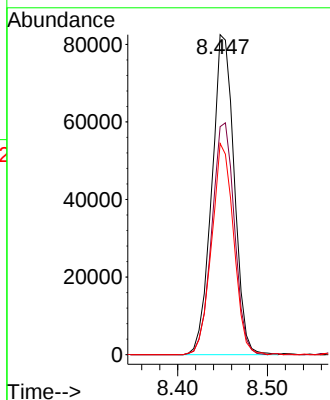
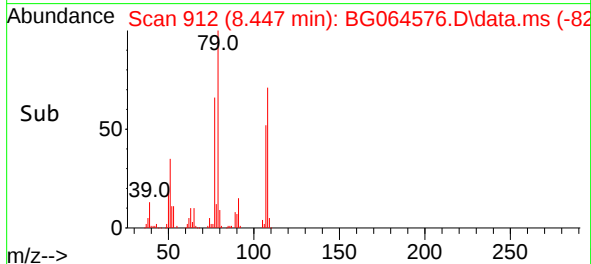
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



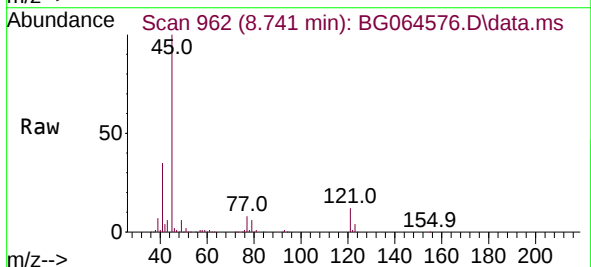
Tgt Ion: 79 Resp: 142880
Ion Ratio Lower Upper
79 100
108 71.2 58.1 87.1
77 66.0 52.8 79.2

Manual Integrations
APPROVED

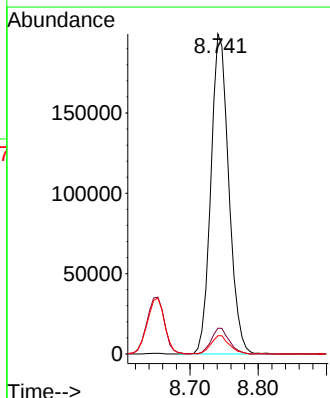
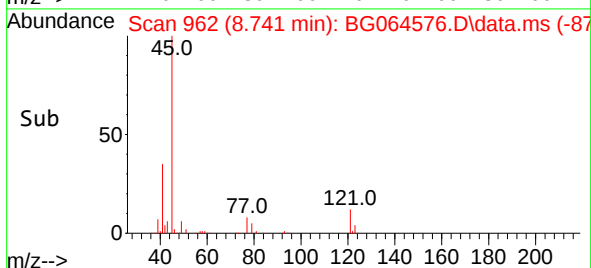
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.332 ng
RT: 8.741 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion: 45 Resp: 361264
Ion Ratio Lower Upper
45 100
77 8.0 0.0 28.5
79 5.7 0.0 25.6





#17

2-Methylphenol

Concen: 48.282 ng

RT: 8.653 min Scan# 94

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 126868

Ion Ratio Lower Upper

107 100

108 120.8 90.0 135.0

77 49.7 37.8 56.8

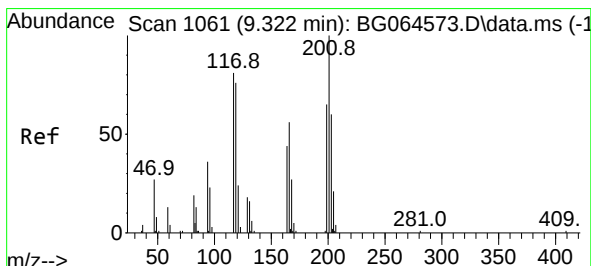
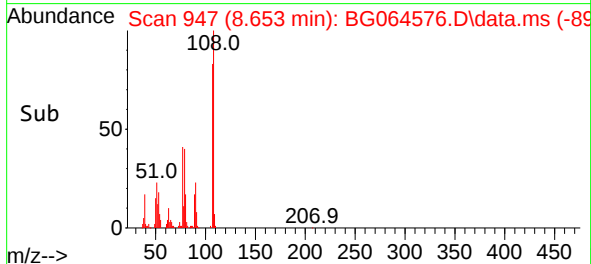
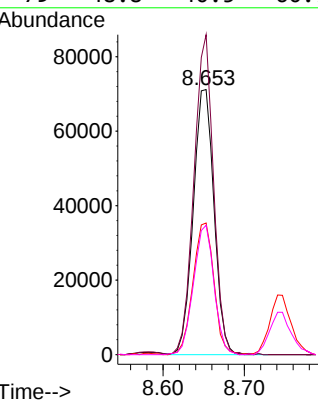
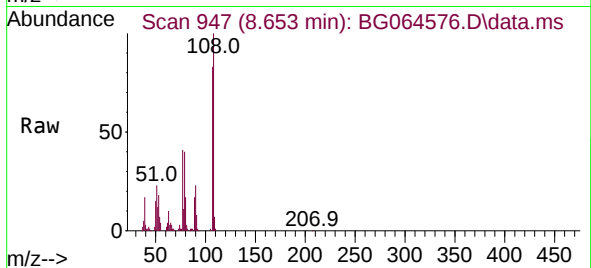
79 48.8 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 48.463 ng

RT: 9.328 min Scan# 1062

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

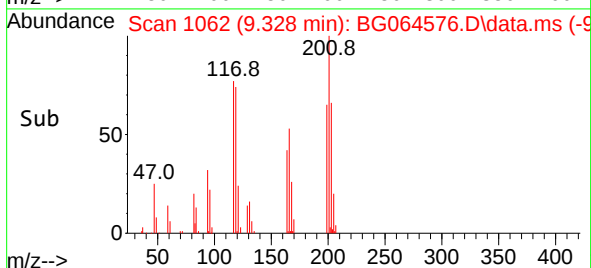
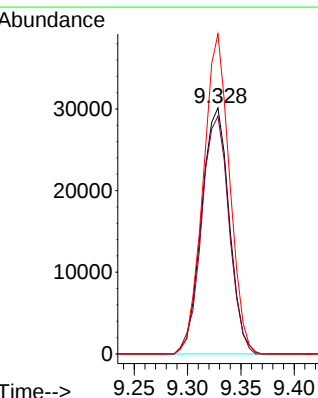
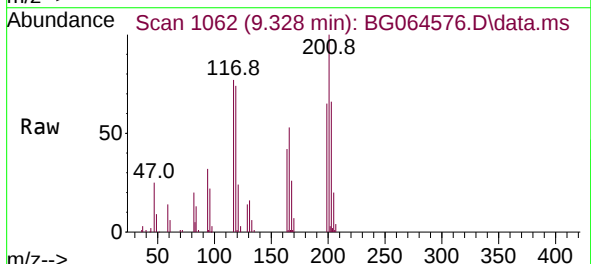
Tgt Ion:117 Resp: 54330

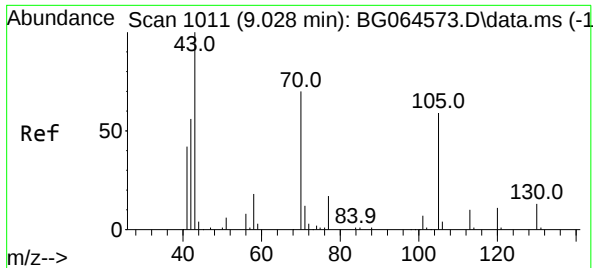
Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

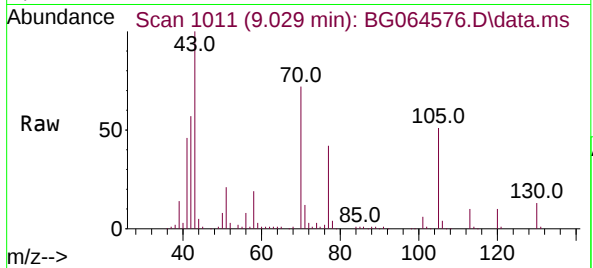
201 134.0 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.350 ng
RT: 9.029 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

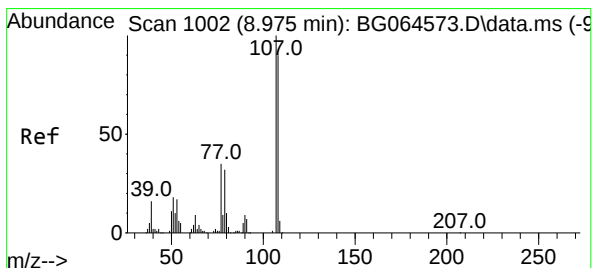
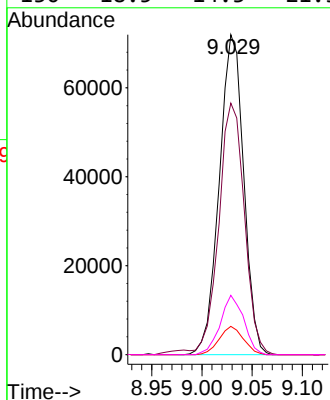
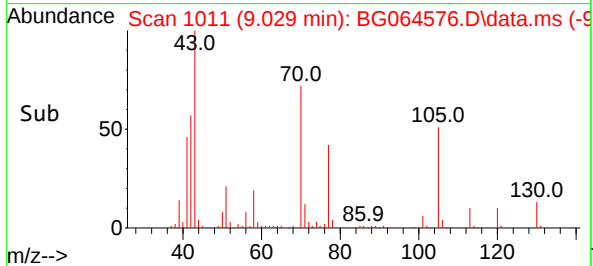
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



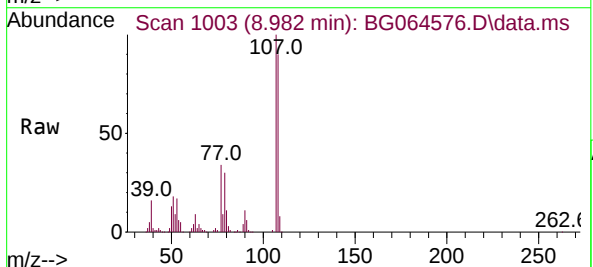
Tgt Ion: 70 Resp: 12205
Ion Ratio Lower Upper
70 100
42 78.6 65.2 97.8
101 8.8 7.9 11.9
130 18.5 14.3 21.5

Manual Integrations
APPROVED

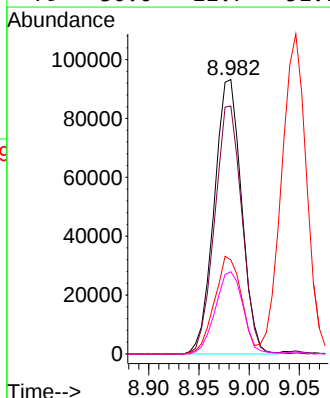
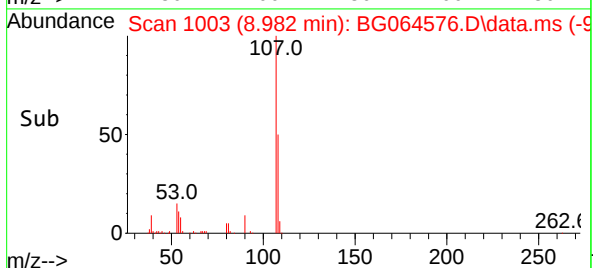
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

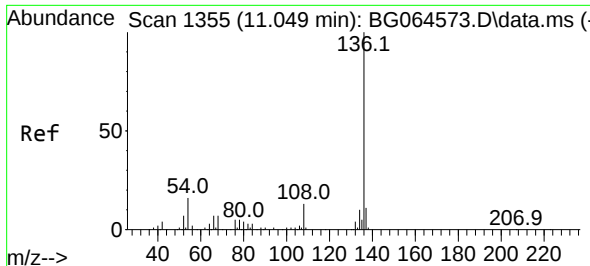


#20
3+4-Methylphenols
Concen: 47.740 ng
RT: 8.982 min Scan# 1003
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:107 Resp: 176415
Ion Ratio Lower Upper
107 100
108 90.4 70.3 110.3
77 34.2 14.6 54.6
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1355
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

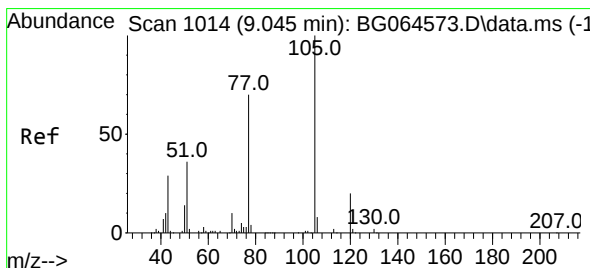
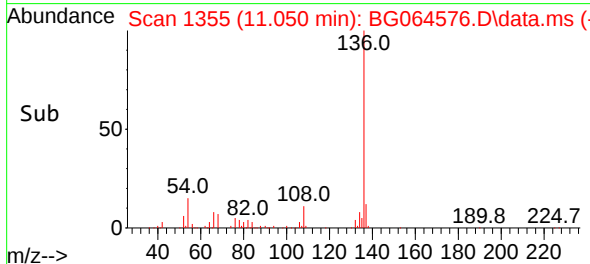
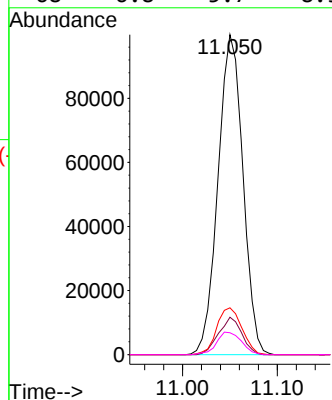
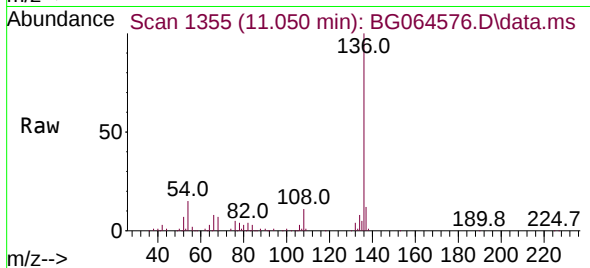
SSTDICC050

Tgt Ion:136 Resp: 182273
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 14.6 12.6 19.0
68 6.8 5.7 8.5

Manual Integrations

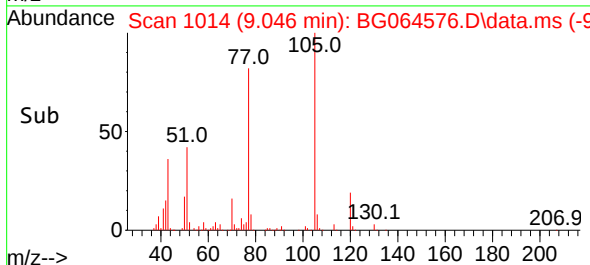
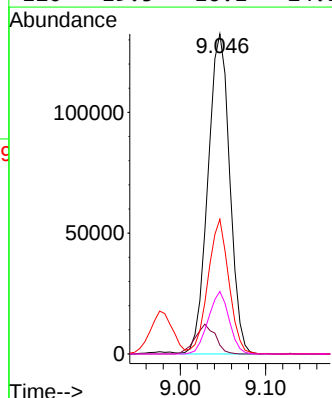
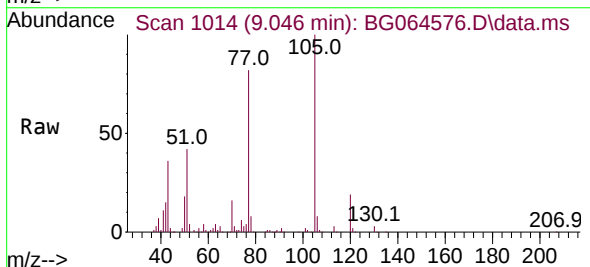
APPROVED

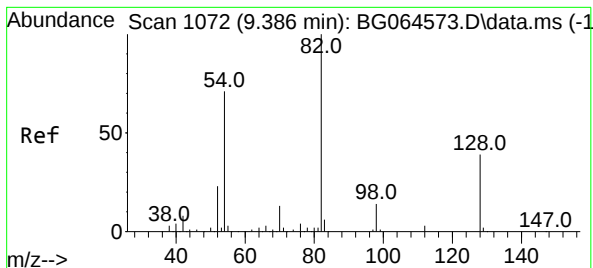
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 42.1 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 106.847 ng

RT: 9.387 min Scan# 1072

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 324249

Ion Ratio Lower Upper

82 100

128 37.9 31.3 46.9

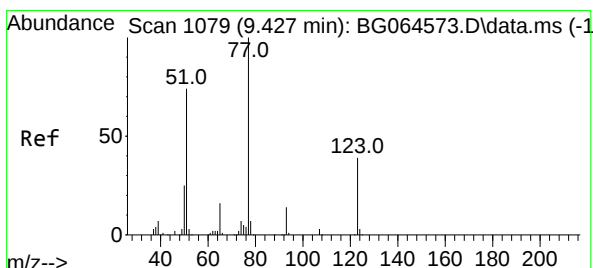
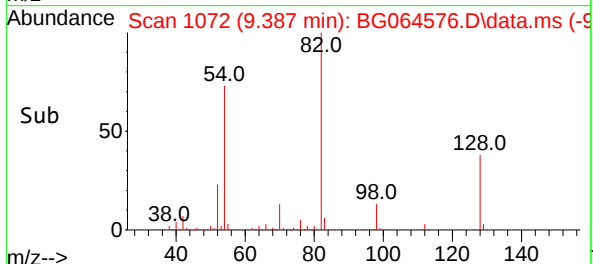
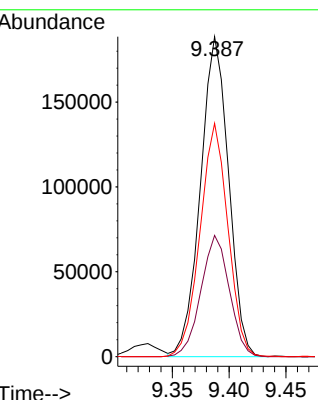
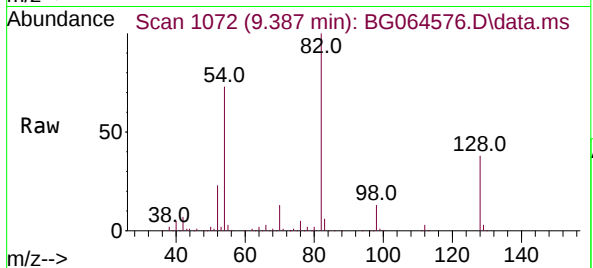
54 72.9 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 52.060 ng

RT: 9.428 min Scan# 1079

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

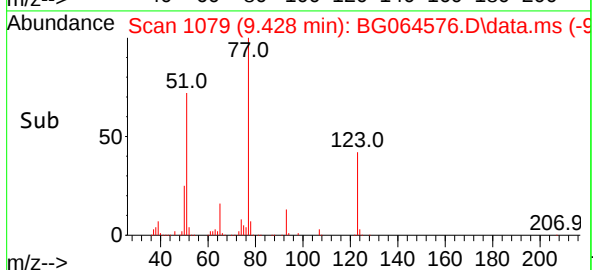
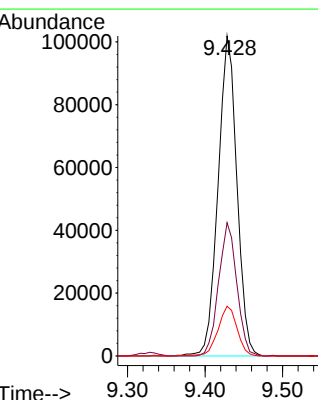
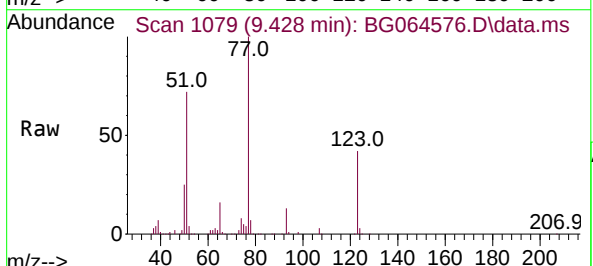
Tgt Ion: 77 Resp: 171837

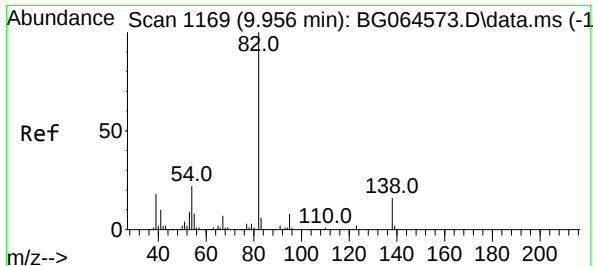
Ion Ratio Lower Upper

77 100

123 41.6 31.0 46.6

65 15.5 12.7 19.1





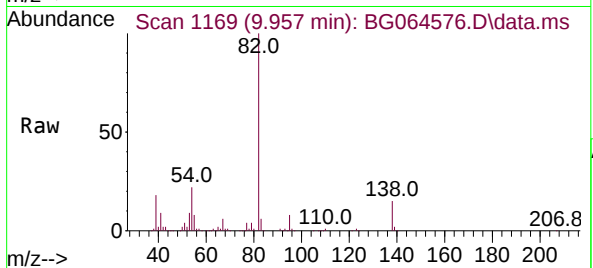
#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 1169
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

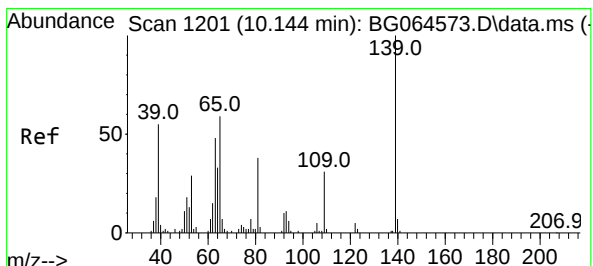
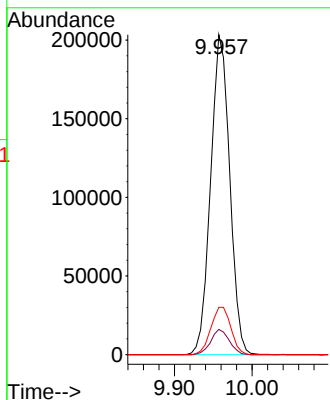
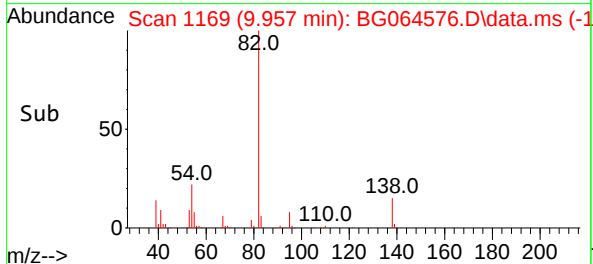


Tgt Ion: 82 Resp: 348174
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 14.8 13.0 19.4

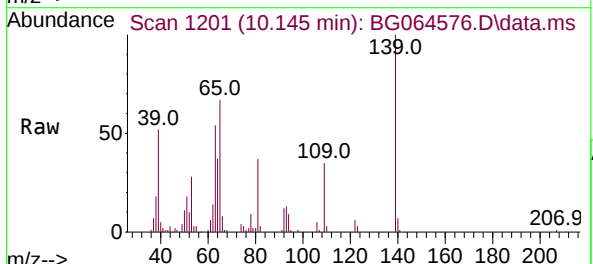
Manual Integrations

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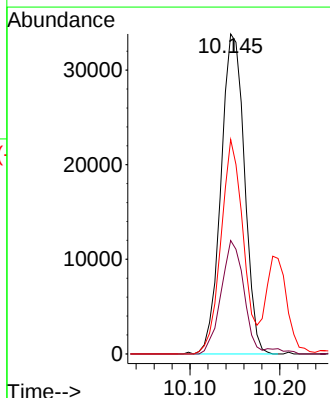
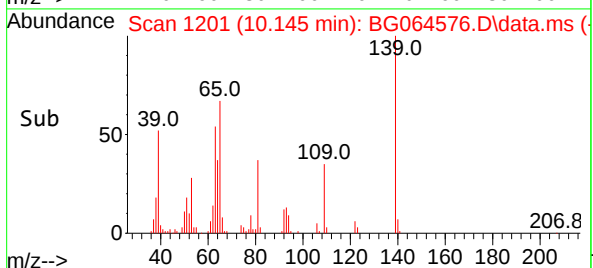
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

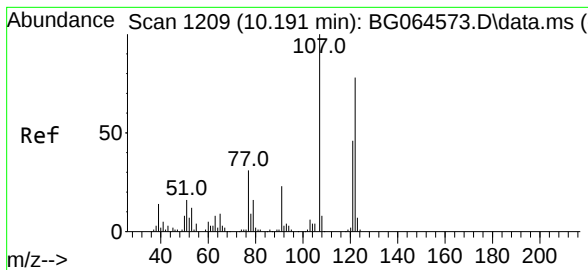


#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:139 Resp: 61611
Ion Ratio Lower Upper
139 100
109 35.4 24.6 37.0
65 67.0 47.5 71.3





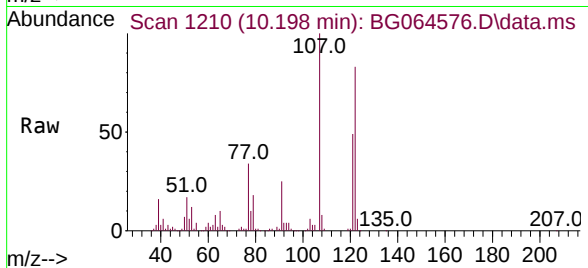
#27
2,4-Dimethylphenol
Concen: 49.988 ng
RT: 10.198 min Scan# 1210
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



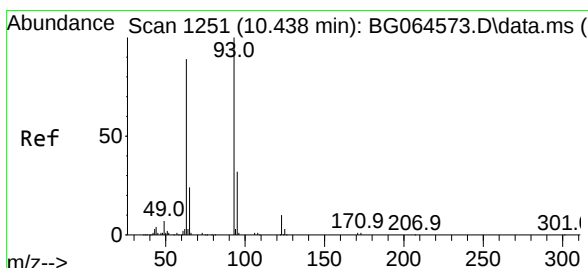
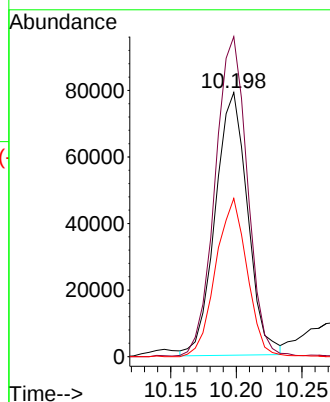
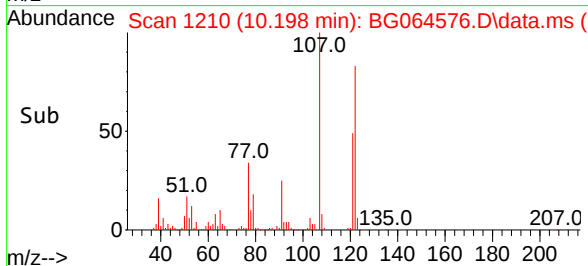
Tgt Ion:122 Resp: 135402
Ion Ratio Lower Upper
122 100
107 121.2 103.0 154.4
121 59.9 47.8 71.8

Manual Integrations

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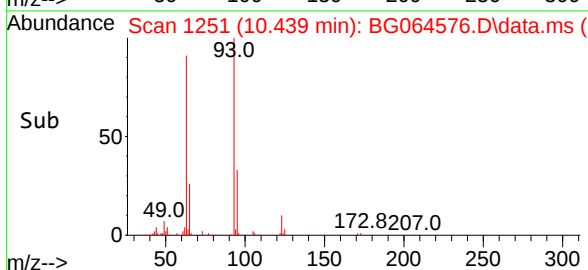
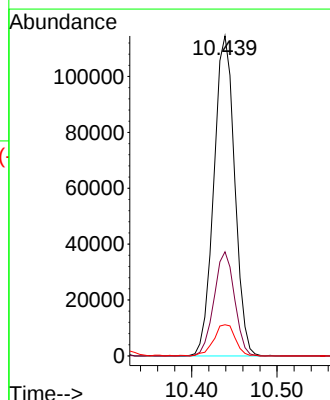
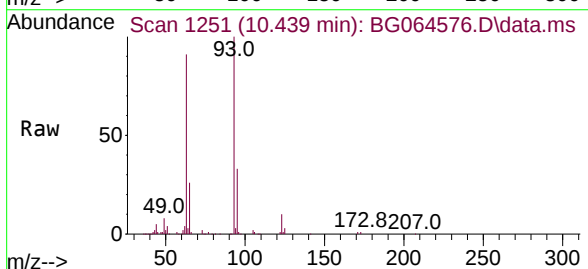
Reviewed By :Rahul Chavli 10/27/2025

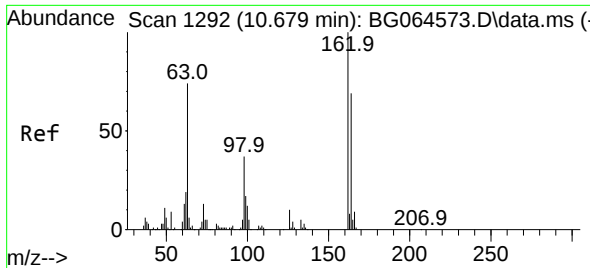
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.800 ng
RT: 10.439 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 194038
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 9.7 8.4 12.6





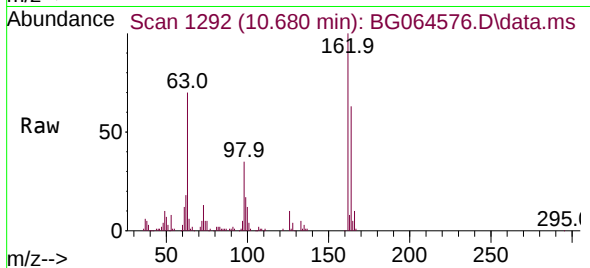
#29
2,4-Dichlorophenol
Concen: 51.062 ng
RT: 10.680 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

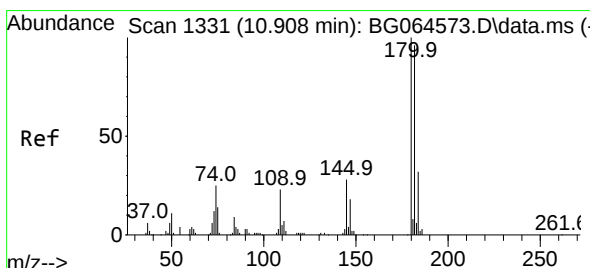
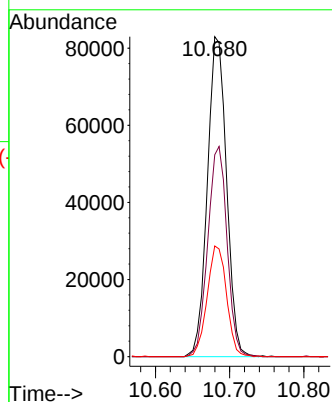
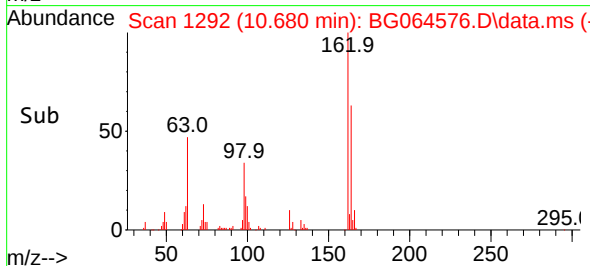


Tgt Ion:162 Resp: 148850
Ion Ratio Lower Upper
162 100
164 63.1 48.7 88.7
98 34.6 16.9 56.9

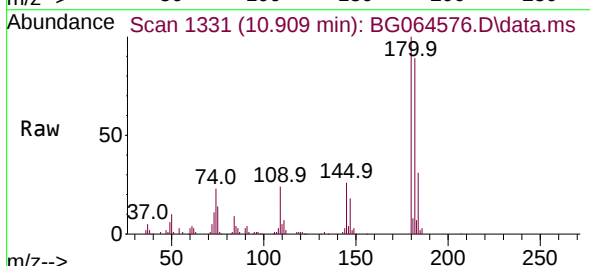
Manual Integrations

APPROVED

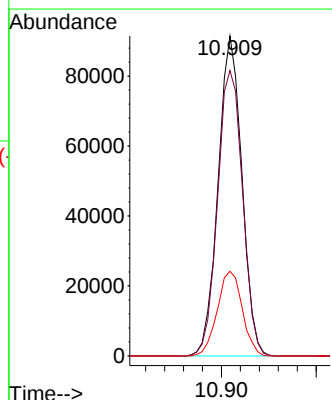
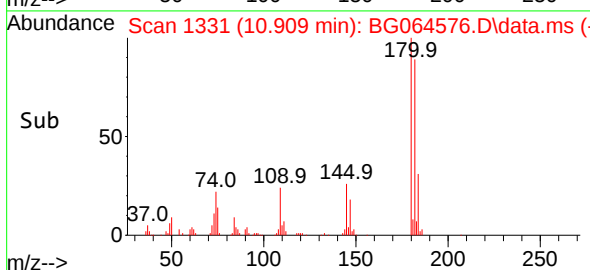
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

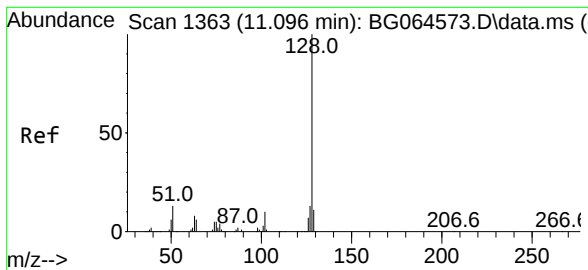


#30
1,2,4-Trichlorobenzene
Concen: 48.068 ng
RT: 10.909 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



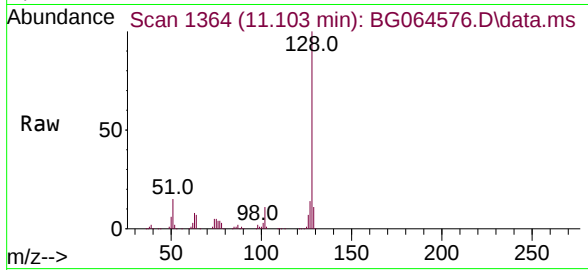
Tgt Ion:180 Resp: 159207
Ion Ratio Lower Upper
180 100
182 89.2 76.9 115.3
145 26.4 22.1 33.1





#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1363
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

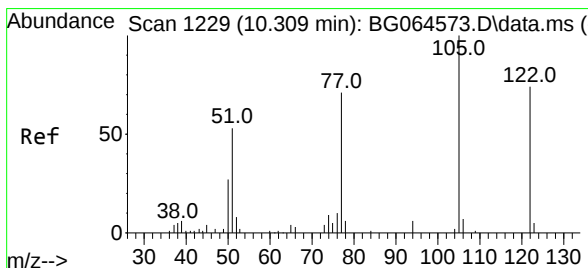
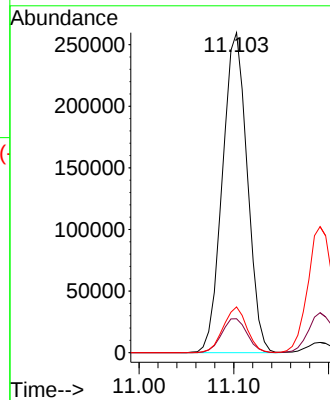
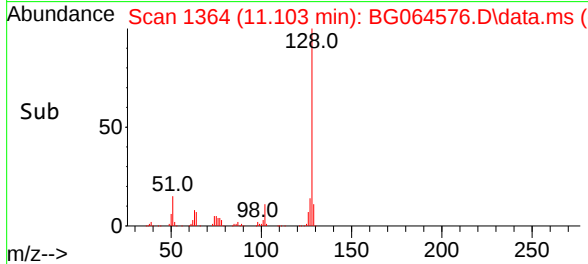
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 47189
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.3 10.6 15.8

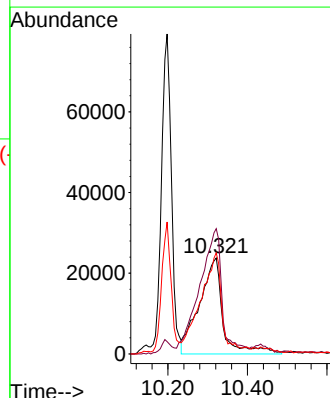
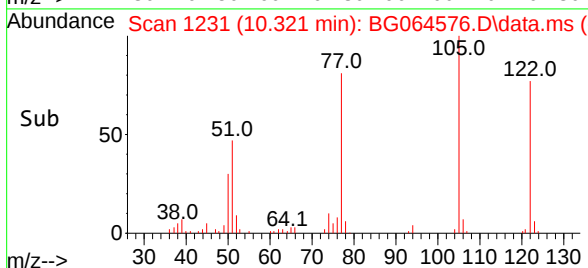
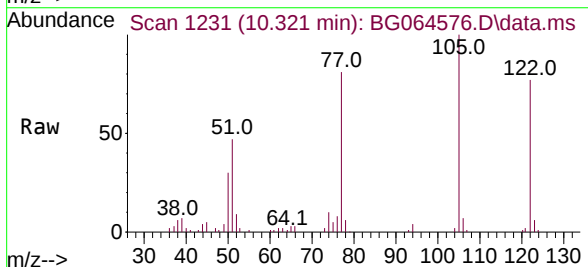
Manual Integrations
APPROVED

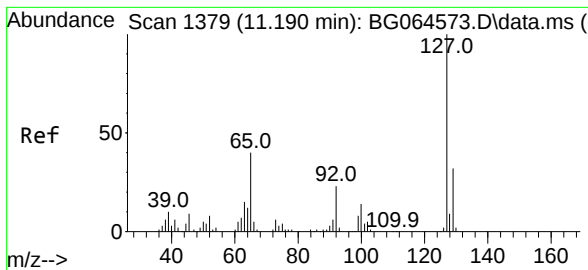
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 47.410 ng m
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:122 Resp: 97970
Ion Ratio Lower Upper
122 100
105 130.6 104.2 144.2
77 105.4 70.2 110.2





#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1379
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

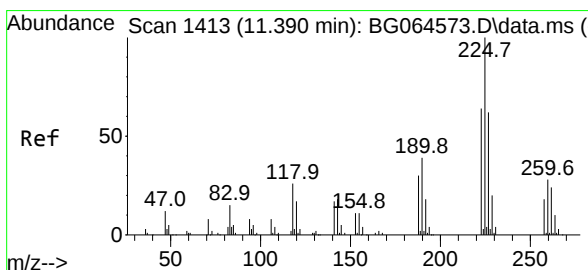
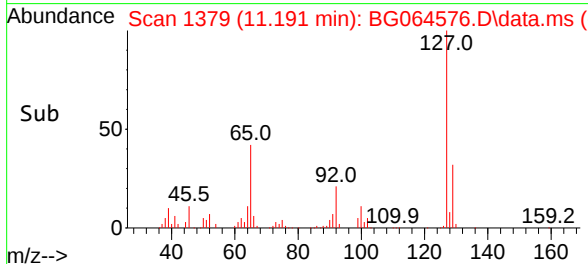
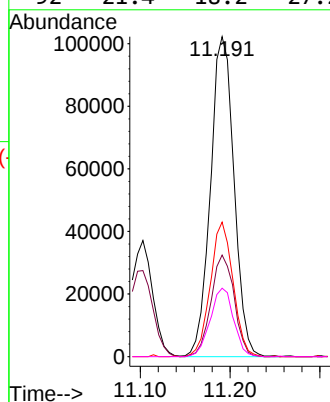
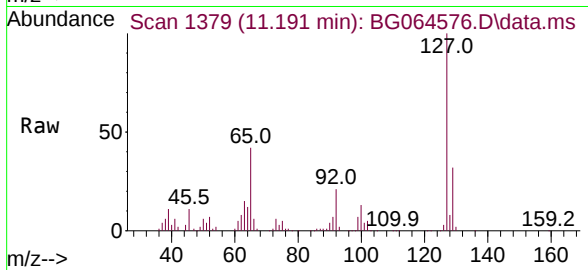
SSTDICC050

Tgt Ion:127 Resp: 186814
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 42.0 32.2 48.4
92 21.4 18.2 27.2

Manual Integrations

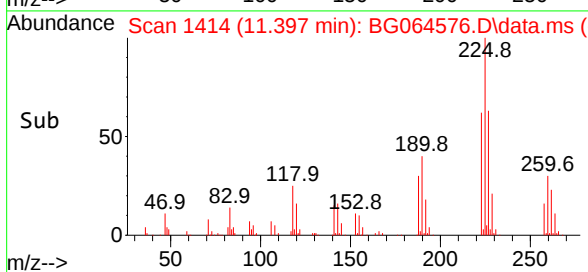
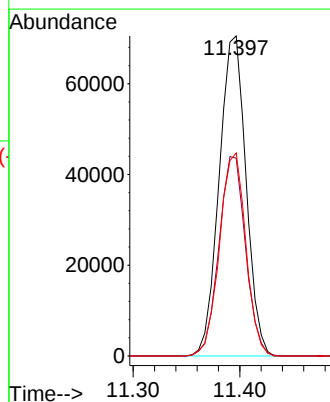
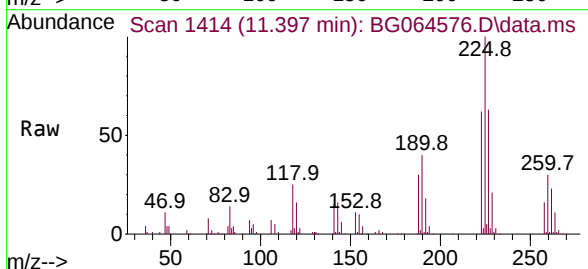
APPROVED

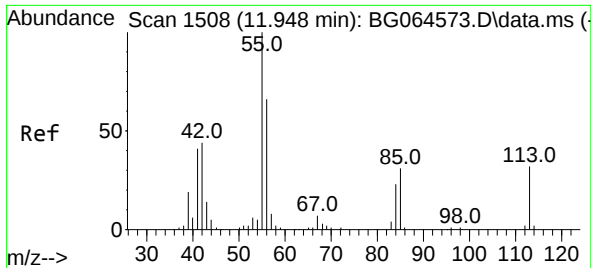
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:225 Resp: 123596
Ion Ratio Lower Upper
225 100
223 59.0 48.8 73.2
227 63.1 49.5 74.3





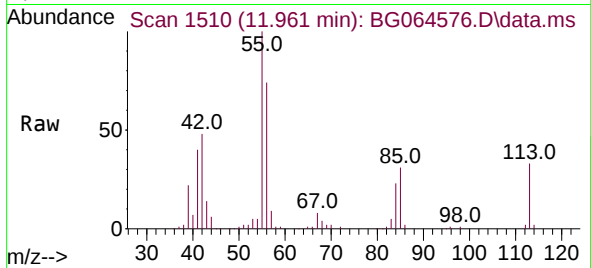
#35
Caprolactam
Concen: 48.020 ng
RT: 11.961 min Scan# 11
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



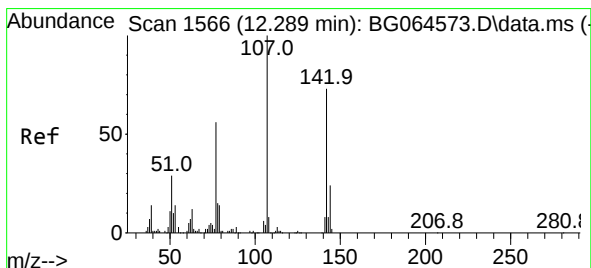
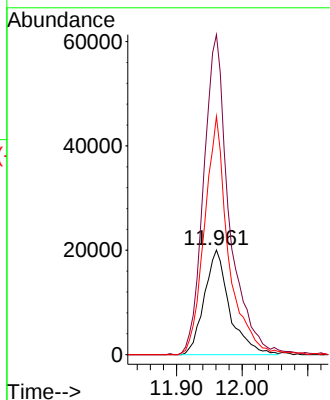
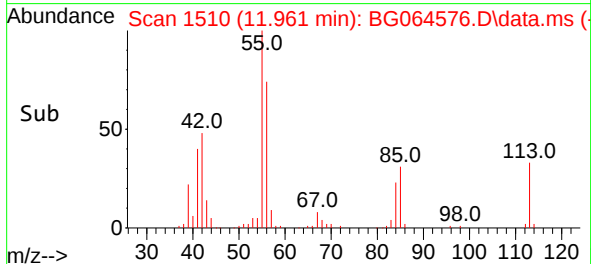
Tgt Ion:113 Resp: 53689
Ion Ratio Lower Upper
113 100
55 305.8 290.1 330.1
56 227.6 183.8 223.8

Manual Integrations

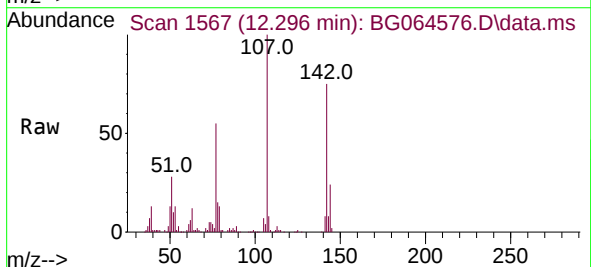
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

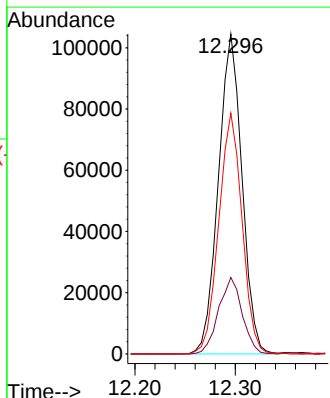
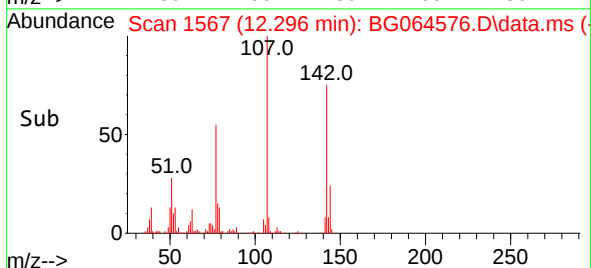
Supervised By :mohammad ahmed 11/05/2025

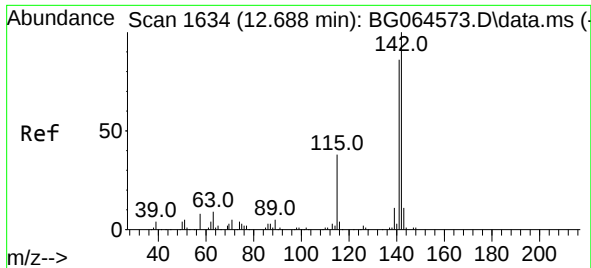


#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 12.296 min Scan# 1567
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:107 Resp: 171120
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 75.2 58.6 87.8





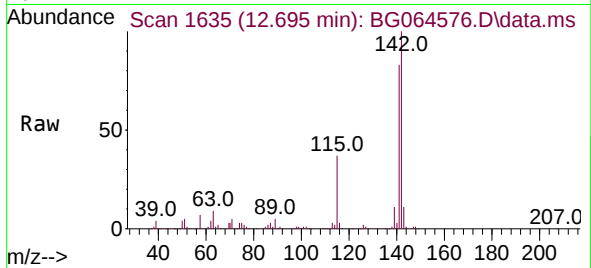
#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1635
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

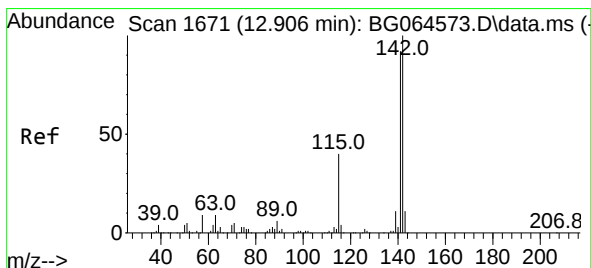
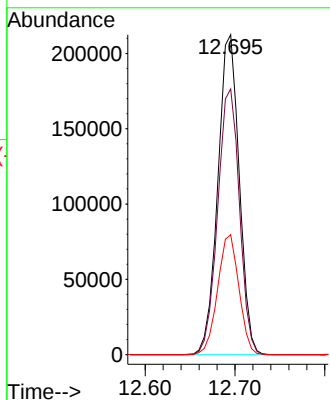
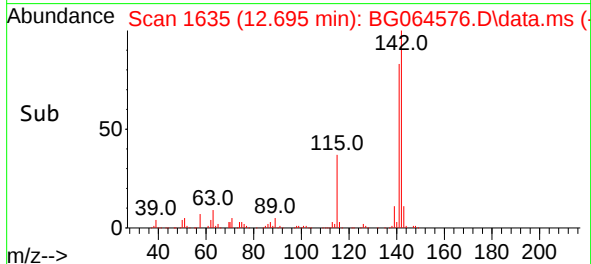


Tgt Ion:142 Resp: 351946
Ion Ratio Lower Upper
142 100
141 83.0 68.9 103.3
115 37.5 30.6 46.0

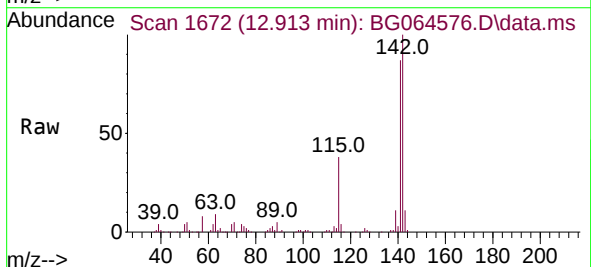
Manual Integrations

APPROVED

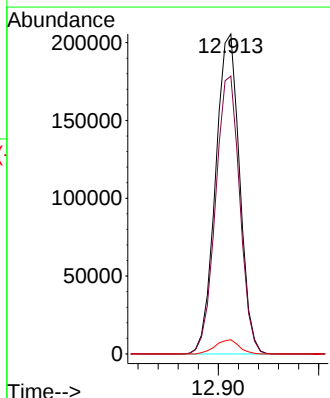
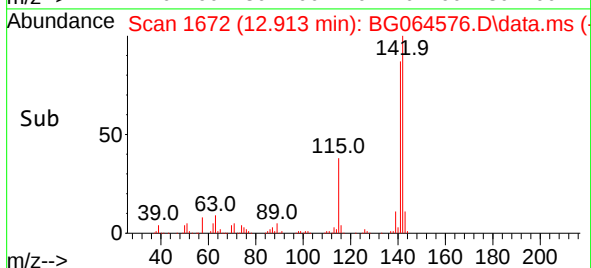
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

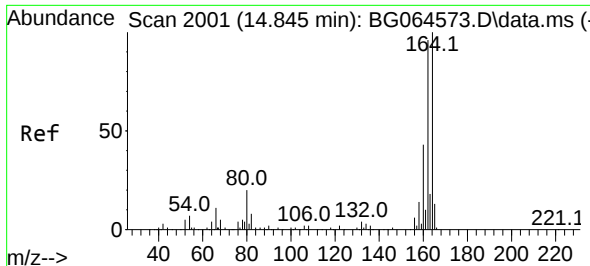


#38
1-Methylnaphthalene
Concen: 46.666 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:142 Resp: 342687
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.4 3.1 4.7





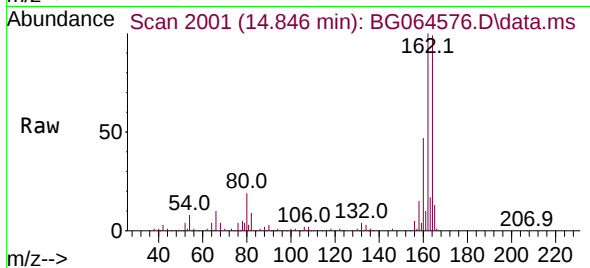
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

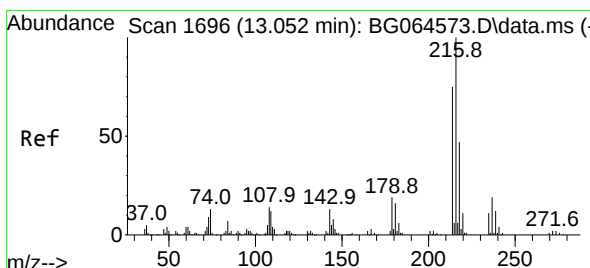
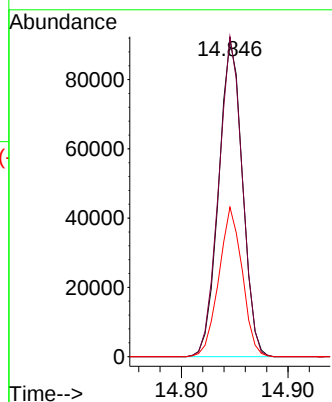
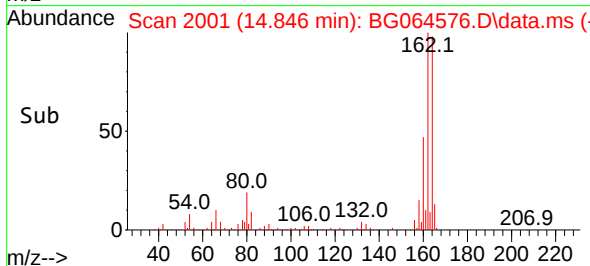


Tgt Ion:164 Resp: 142032
Ion Ratio Lower Upper
164 100
162 101.1 77.0 115.6
160 47.2 34.4 51.6

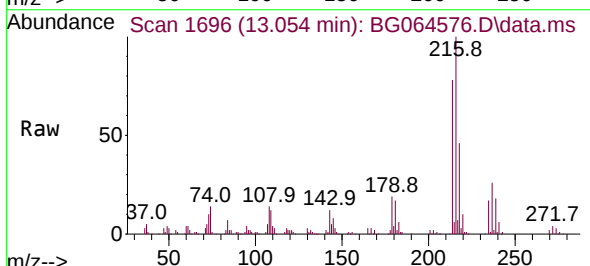
Manual Integrations

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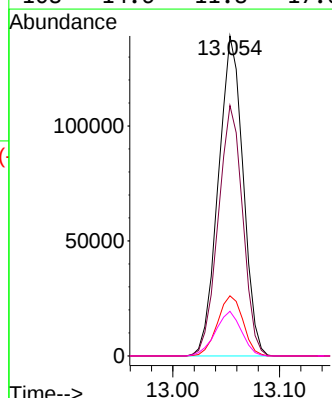
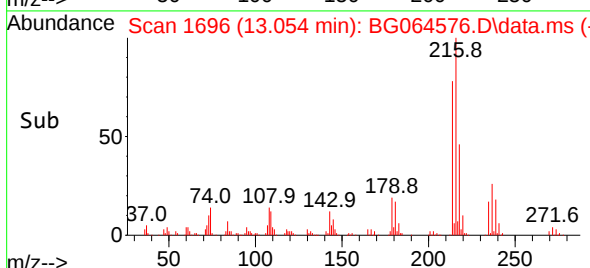
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

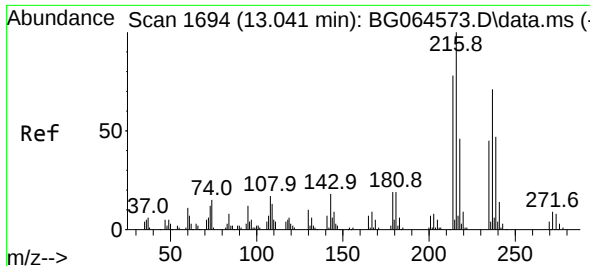


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.131 ng
RT: 13.054 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



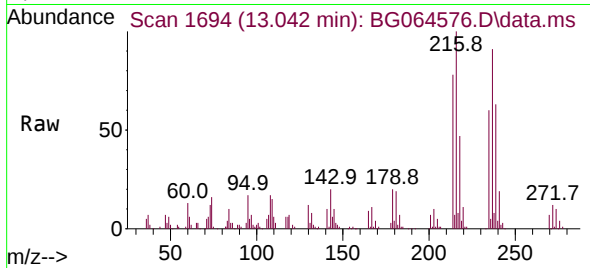
Tgt Ion:216 Resp: 224658
Ion Ratio Lower Upper
216 100
214 77.5 61.4 92.2
179 19.4 15.4 23.0
108 14.6 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

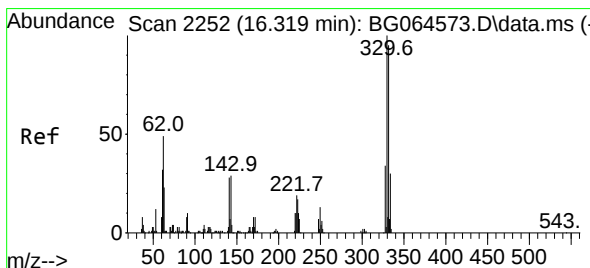
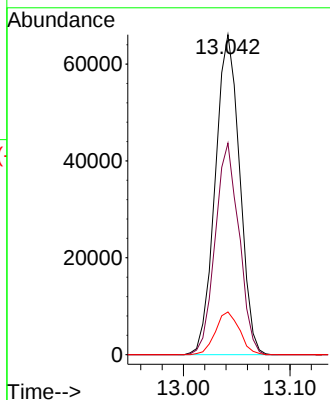
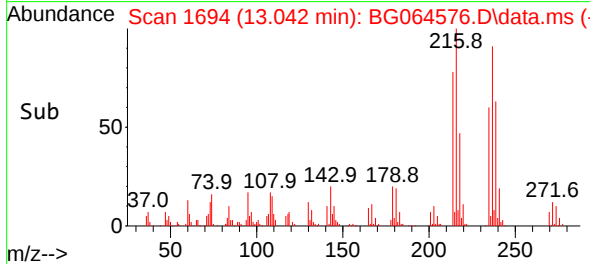
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



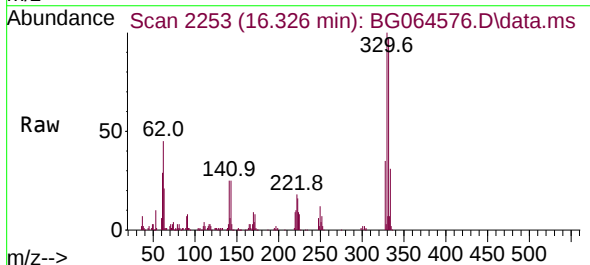
Tgt Ion:237 Resp: 105411
Ion Ratio Lower Upper
237 100
235 66.1 44.1 84.1
272 13.3 0.0 32.4

Manual Integrations
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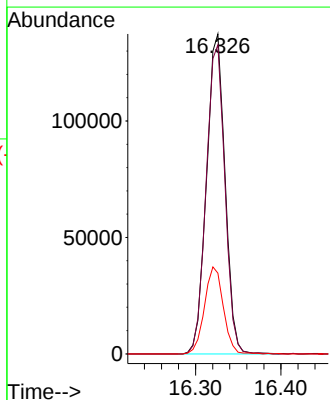
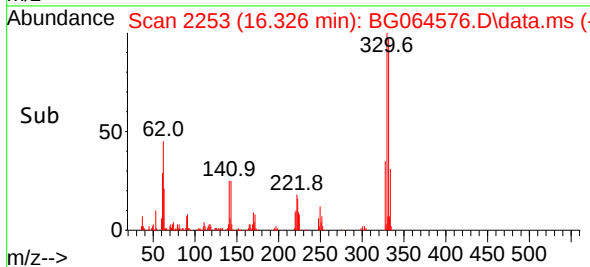
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

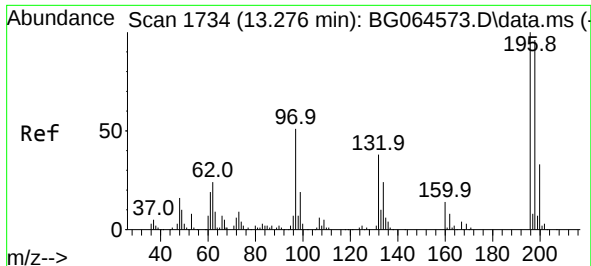


#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



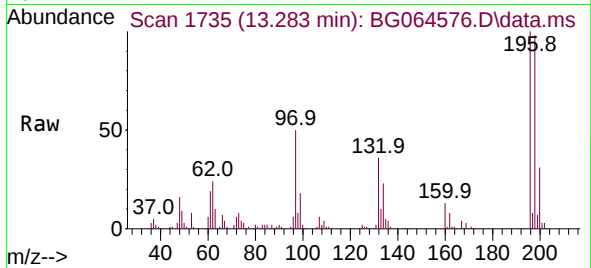
Tgt Ion:330 Resp: 207294
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.6 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 51.898 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

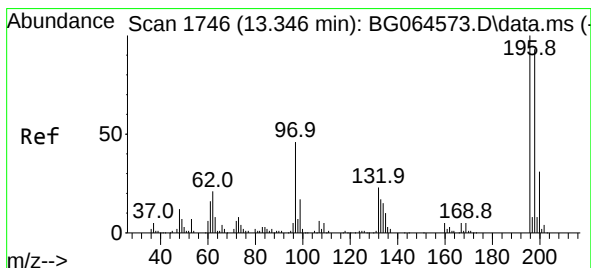
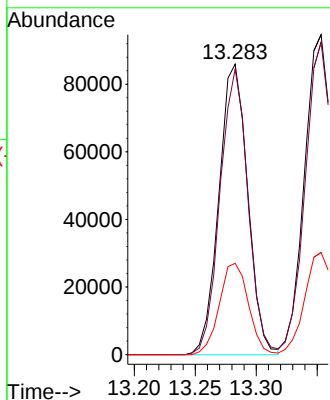
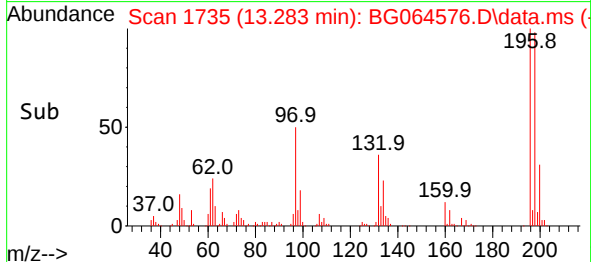
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



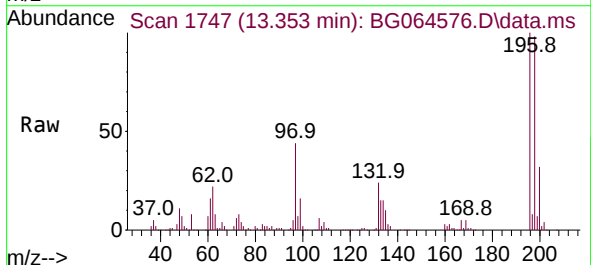
Tgt Ion:196 Resp: 141505
Ion Ratio Lower Upper
196 100
198 98.3 76.6 115.0
200 31.4 26.0 39.0

Manual Integrations
APPROVED

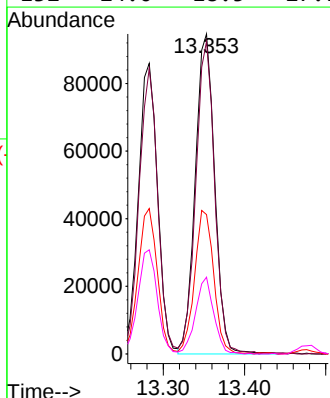
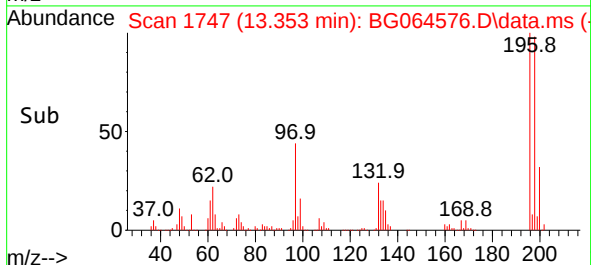
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

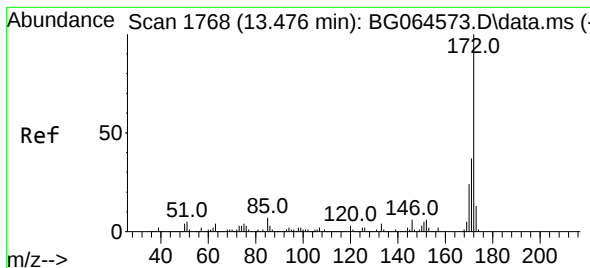


#44
2,4,5-Trichlorophenol
Concen: 49.997 ng
RT: 13.353 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



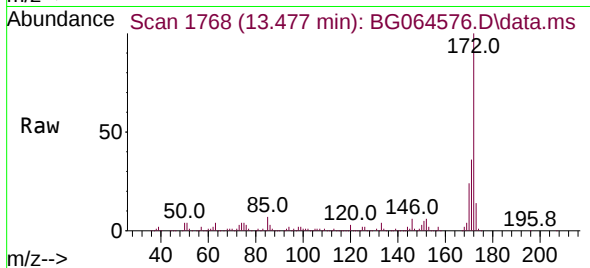
Tgt Ion:196 Resp: 157315
Ion Ratio Lower Upper
196 100
198 97.6 74.2 111.4
97 43.5 37.0 55.6
132 24.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 13.477 min Scan# 1768
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

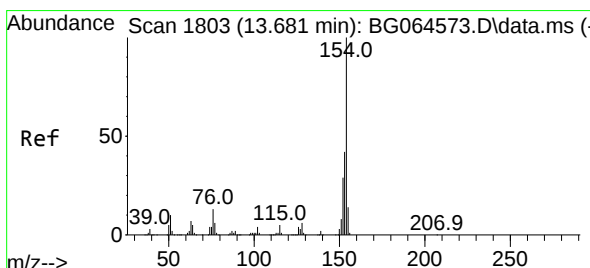
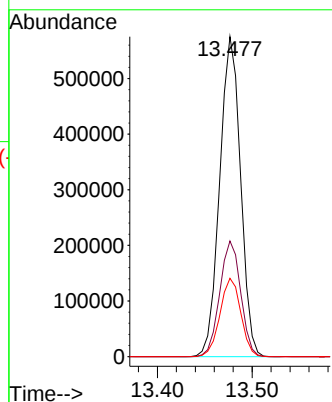
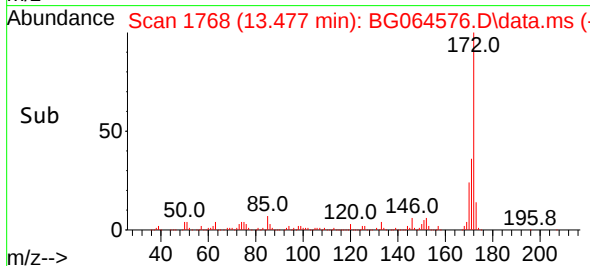
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



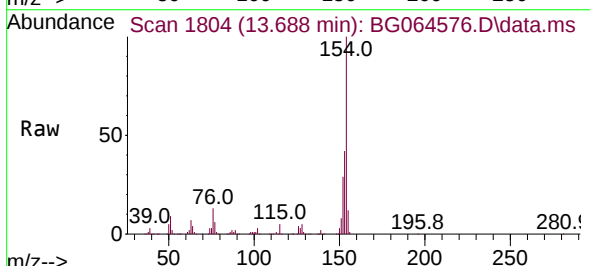
Tgt Ion:172 Resp: 877315
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.5 19.1 28.7

Manual Integrations
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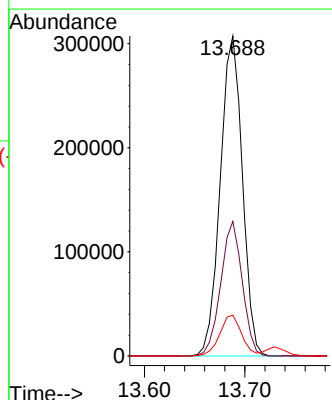
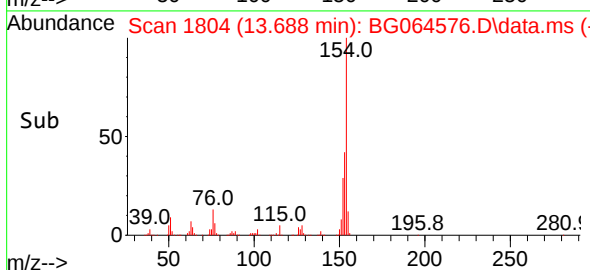
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

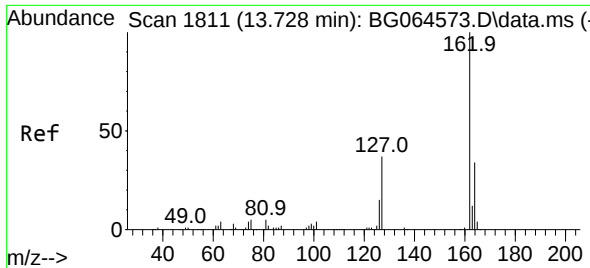


#46
1,1'-Biphenyl
Concen: 46.613 ng
RT: 13.688 min Scan# 1804
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:154 Resp: 470676
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 12.8 0.0 33.5





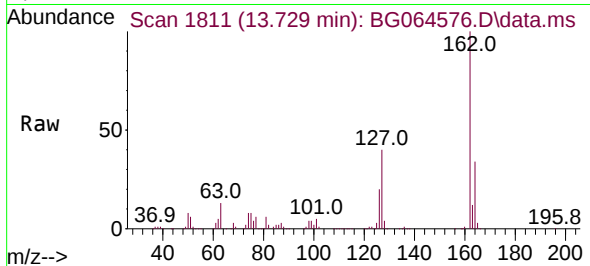
#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 1811
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



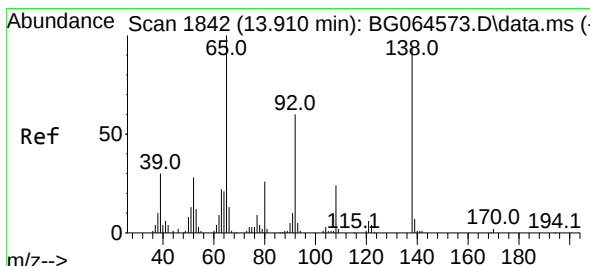
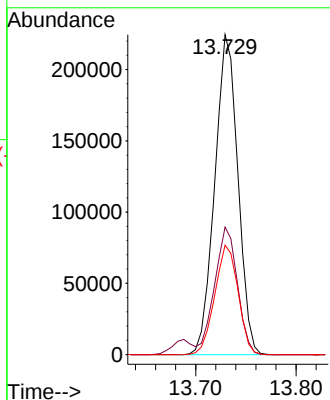
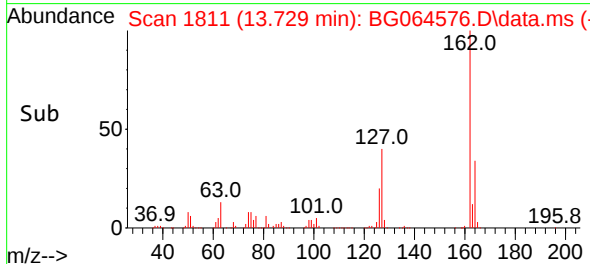
Tgt Ion:162 Resp: 359811
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 34.2 27.5 41.3

Manual Integrations

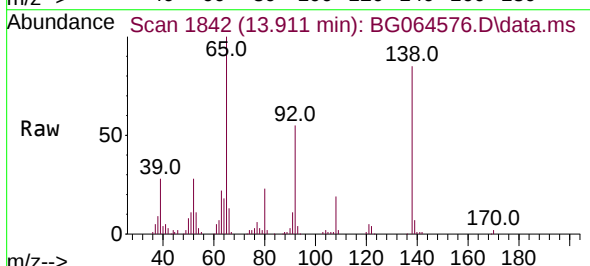
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

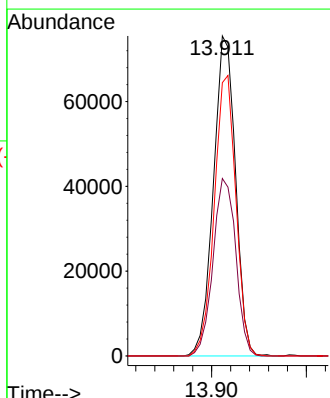
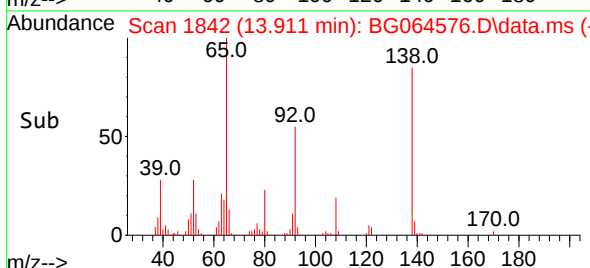
Supervised By :mohammad ahmed 11/05/2025

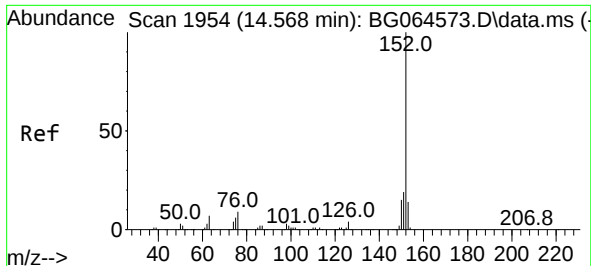


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



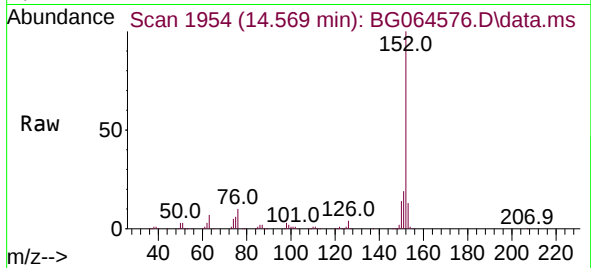
Tgt Ion: 65 Resp: 121908
Ion Ratio Lower Upper
65 100
92 55.4 48.3 72.5
138 85.4 74.9 112.3





#49
Acenaphthylene
Concen: 47.060 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

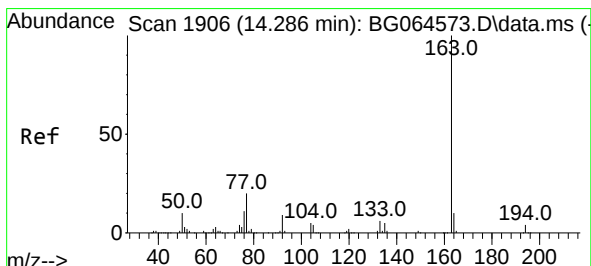
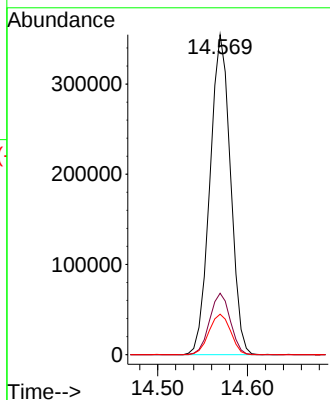
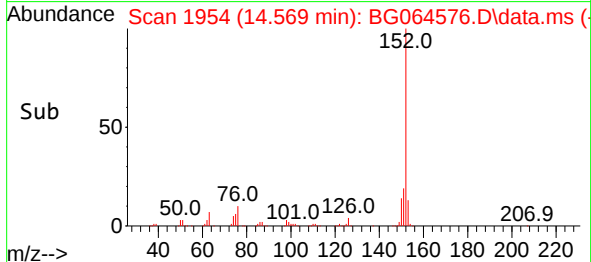
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



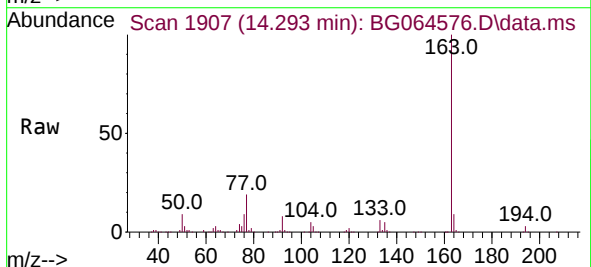
Tgt Ion:152 Resp: 56577
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 12.6 11.0 16.4

Manual Integrations
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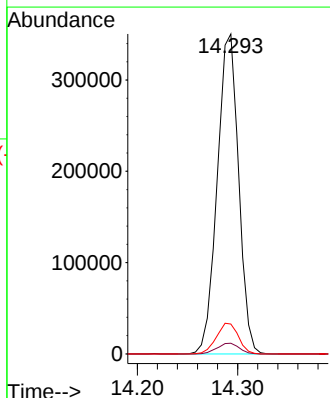
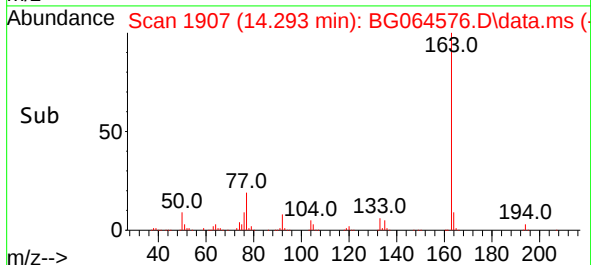
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

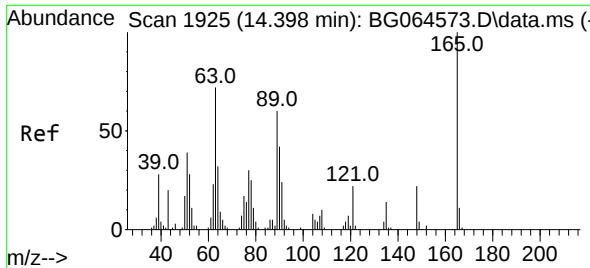


#50
Dimethylphthalate
Concen: 47.781 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:163 Resp: 519303
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.3 7.7 11.5





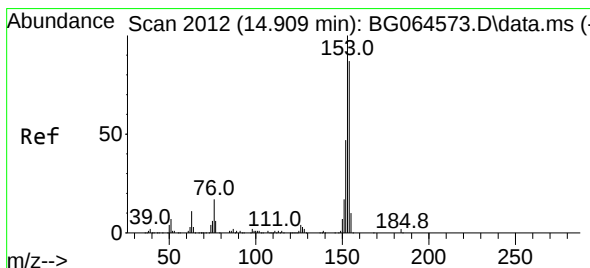
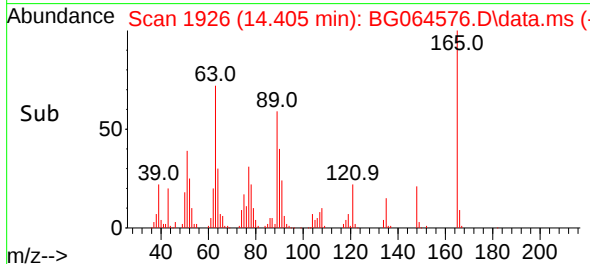
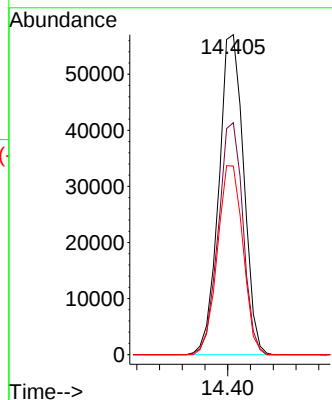
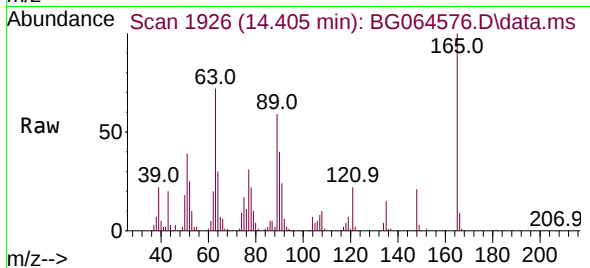
#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 1925
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 8665
Ion Ratio Lower Upper
165 100
63 72.5 57.4 86.0
89 58.9 47.8 71.8

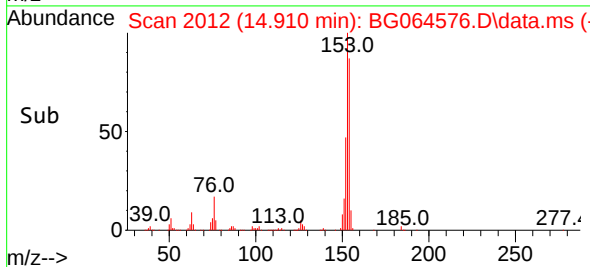
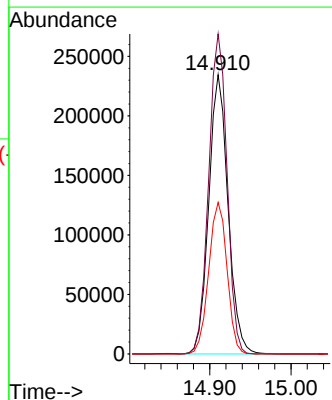
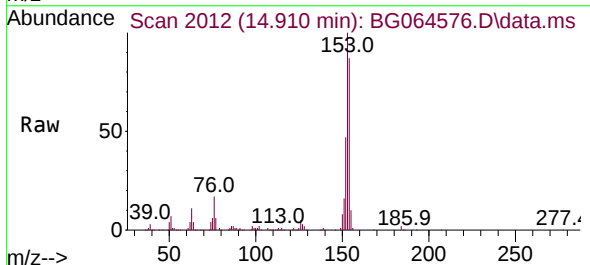
Manual Integrations
APPROVED

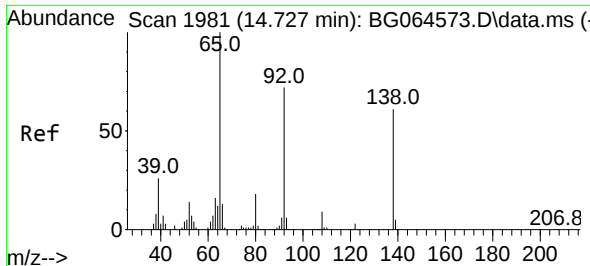
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 388012
Ion Ratio Lower Upper
154 100
153 114.6 92.2 138.4
152 54.3 43.2 64.8





#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 1981
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

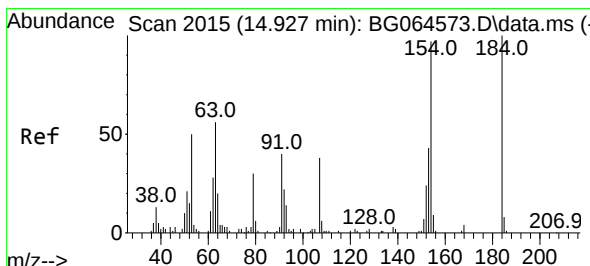
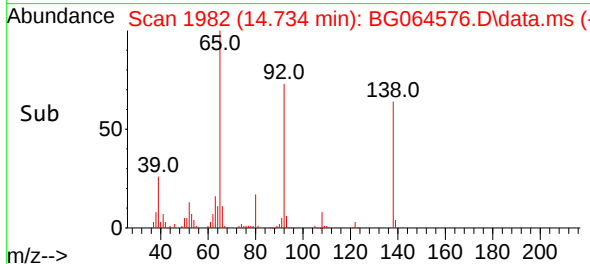
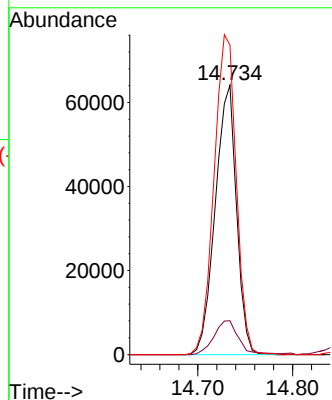
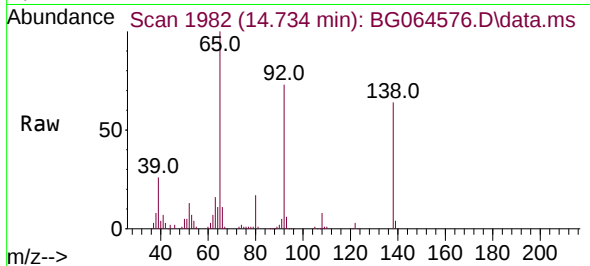
SSTDICC050

Tgt Ion:138 Resp: 99748
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 114.8 95.3 142.9

Manual Integrations

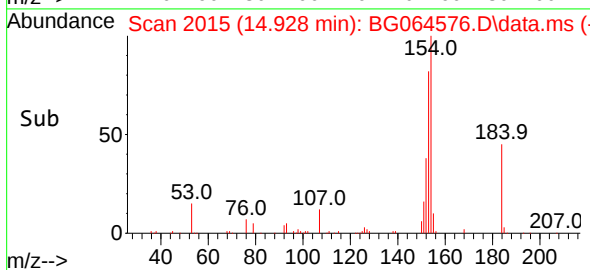
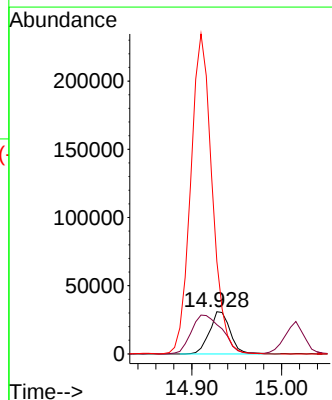
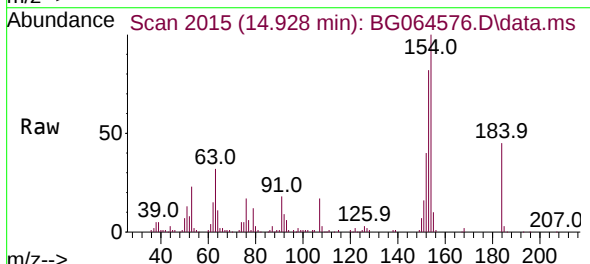
APPROVED

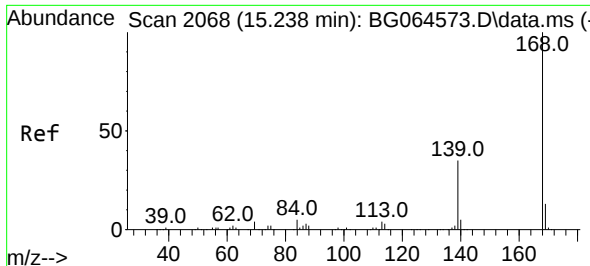
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

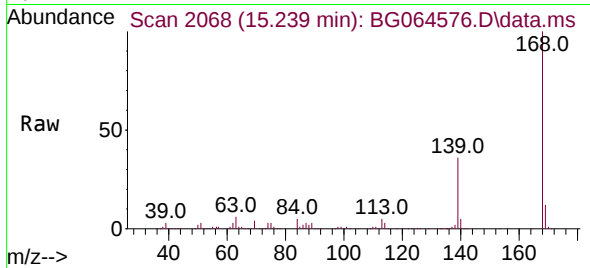
Tgt Ion:184 Resp: 49318
Ion Ratio Lower Upper
184 100
63 69.5 56.6 85.0
154 219.8 158.6 238.0





#55
Dibenzenofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

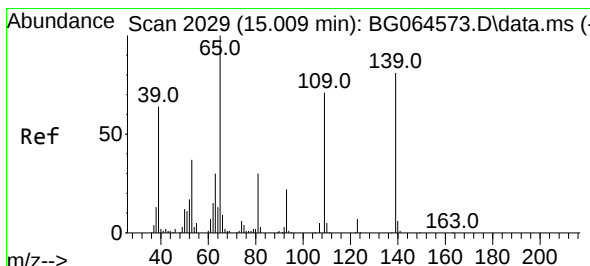
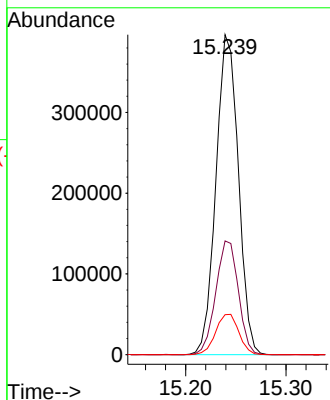
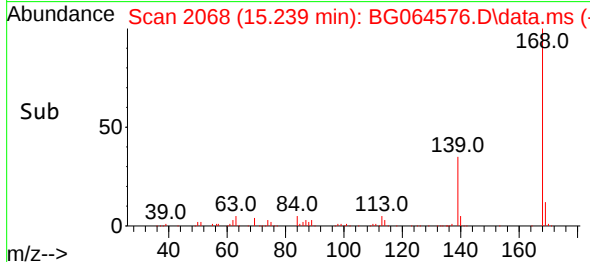
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 61555
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.5 10.3 15.5

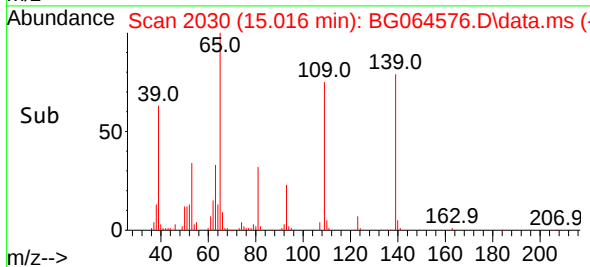
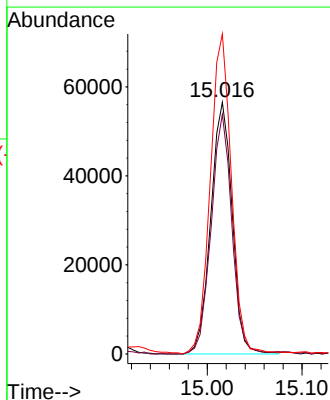
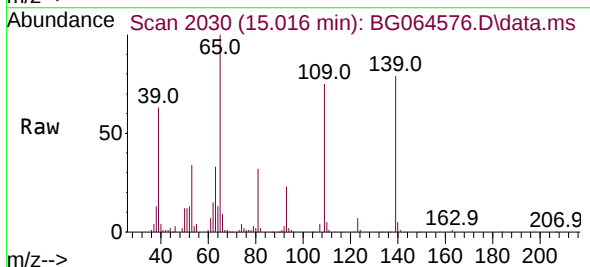
Manual Integrations
APPROVED

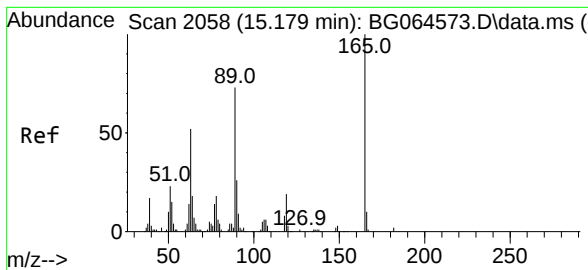
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

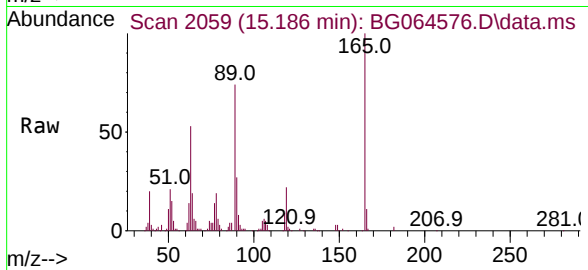
Tgt Ion:139 Resp: 88609
Ion Ratio Lower Upper
139 100
109 95.2 67.8 107.8
65 127.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2058
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

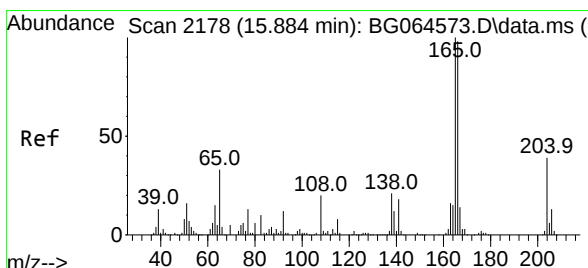
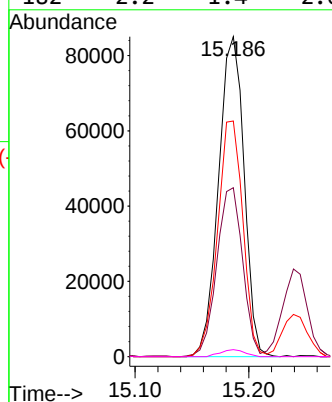
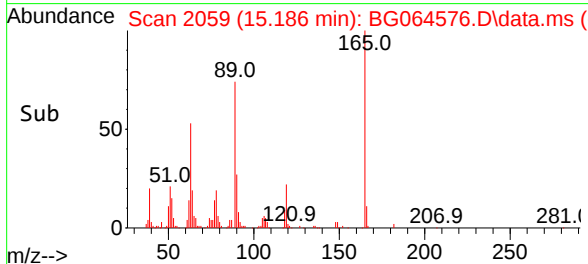
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



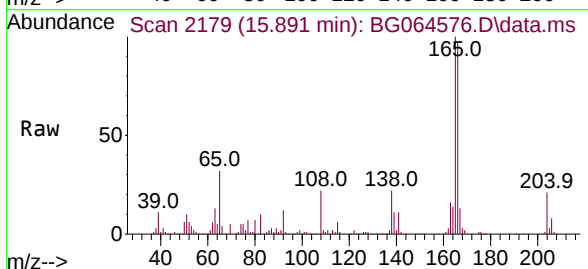
Tgt Ion:165 Resp: 132374
Ion Ratio Lower Upper
165 100
63 52.8 41.8 62.8
89 73.6 58.1 87.1
182 2.2 1.4 2.0#

Manual Integrations
APPROVED

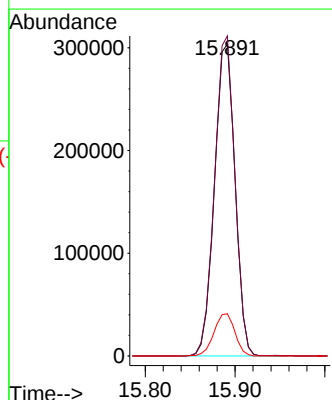
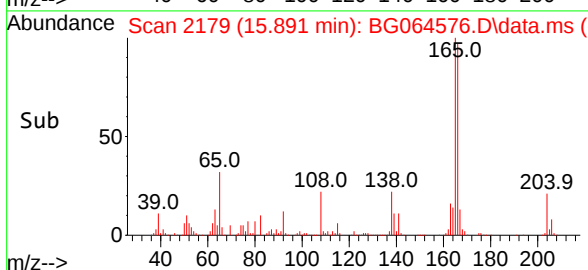
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

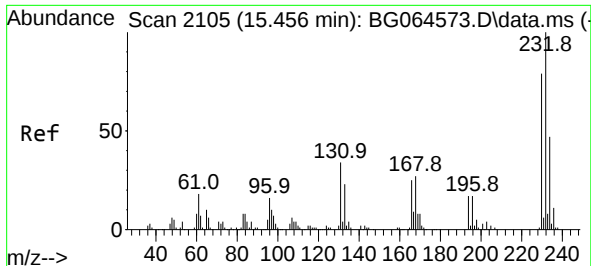


#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:166 Resp: 481625
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.5 11.4 17.0





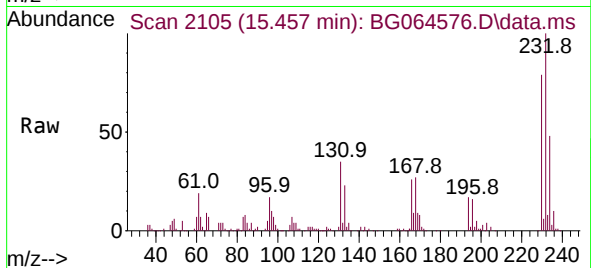
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

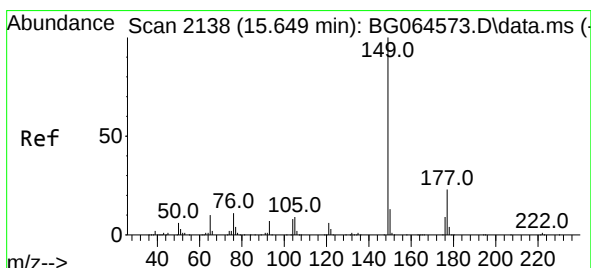
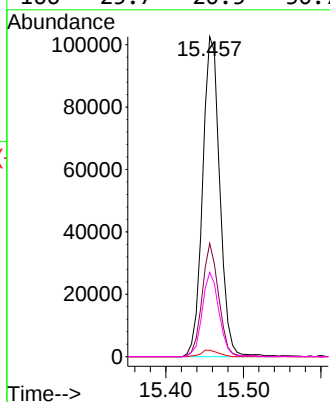
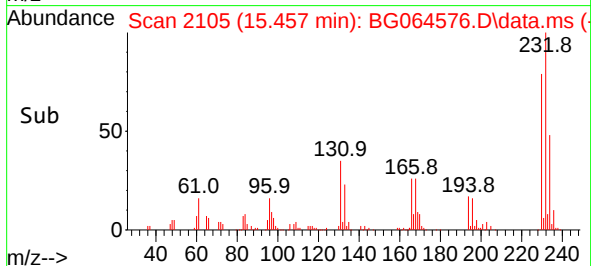


Tgt Ion:232 Resp: 157783
Ion Ratio Lower Upper
232 100
131 33.9 26.7 40.1
130 2.1 1.6 2.4
166 25.7 20.5 30.7

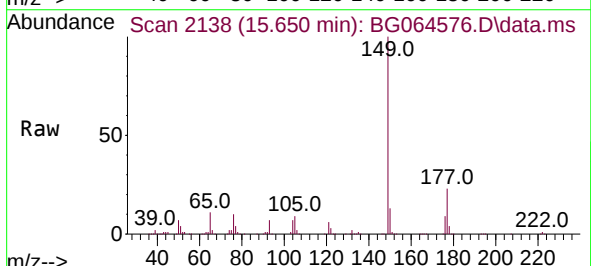
Manual Integrations

APPROVED

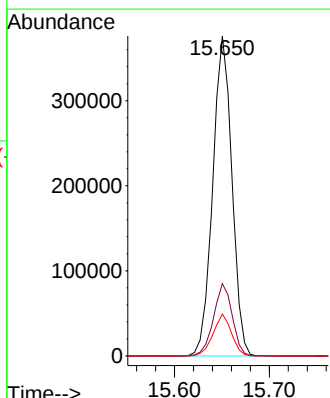
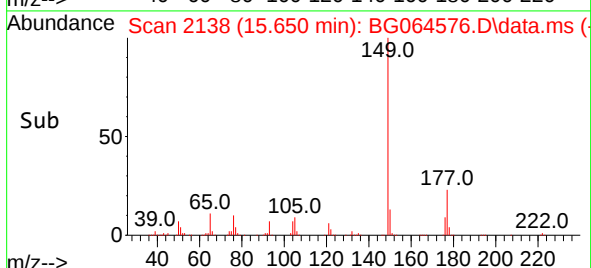
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

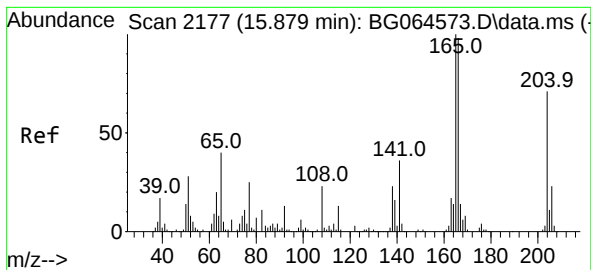


#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



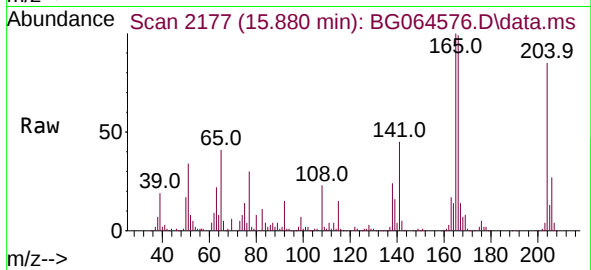
Tgt Ion:149 Resp: 527594
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

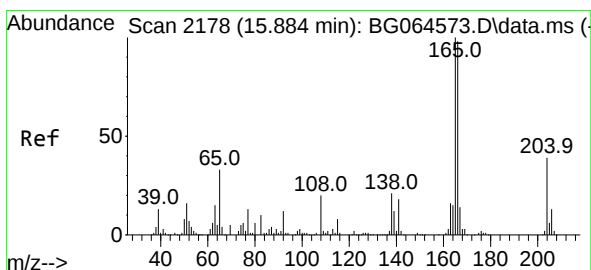
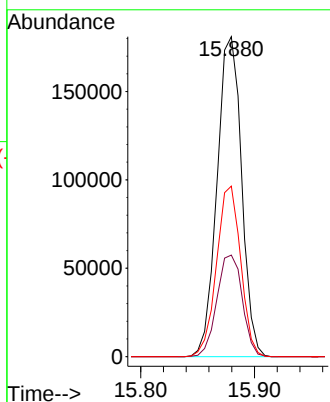
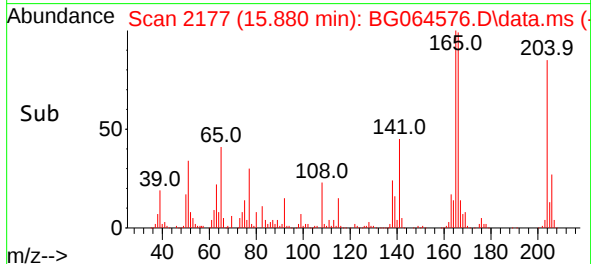
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



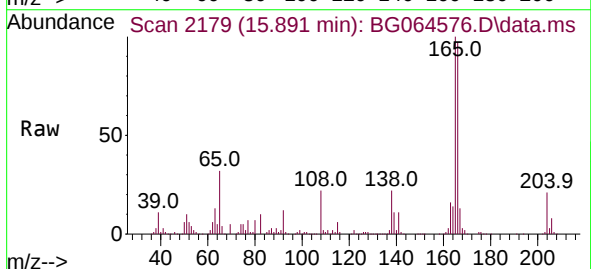
Tgt Ion:204 Resp: 271068
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 53.3 40.6 60.8

Manual Integrations
APPROVED

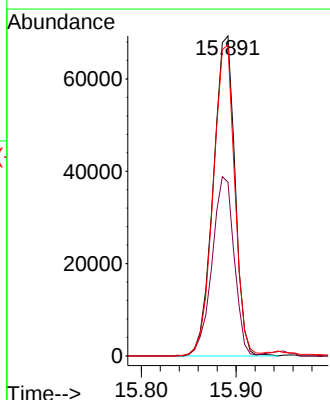
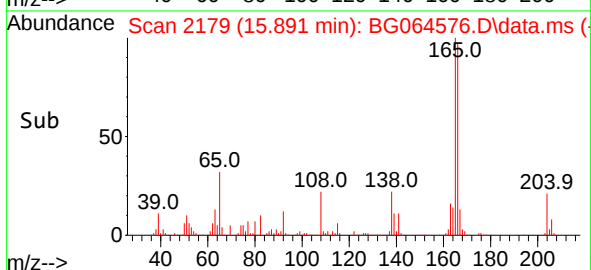
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

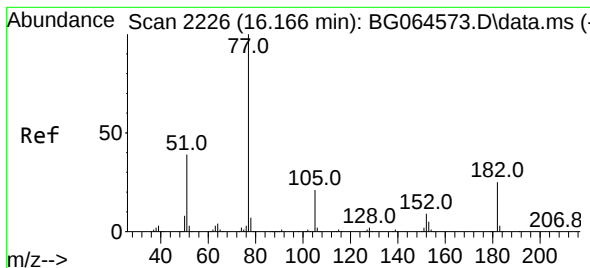


#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:138 Resp: 110067
Ion Ratio Lower Upper
138 100
92 54.3 36.1 76.1
108 97.2 75.6 115.6





#63

Azobenzene

Concen: 46.671 ng

RT: 16.168 min Scan# 2226

Delta R.T. 0.001 min

Lab File: BG064576.D

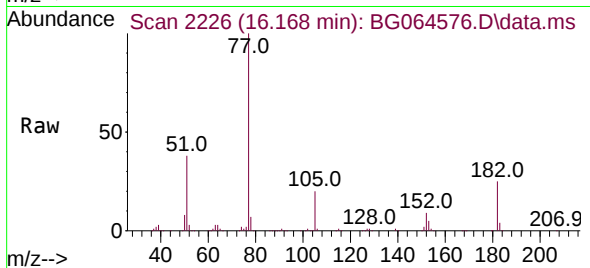
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion: 77 Resp: 475203

Ion Ratio Lower Upper

77 100

182 25.0 4.9 44.9

105 20.2 1.3 41.3

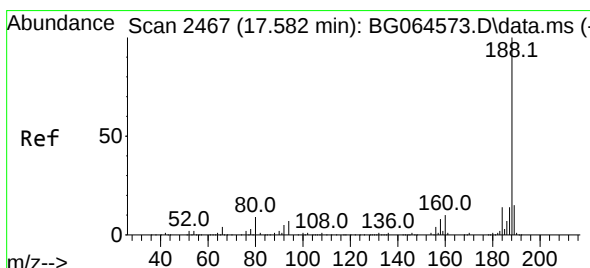
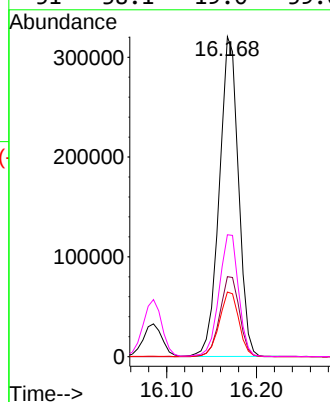
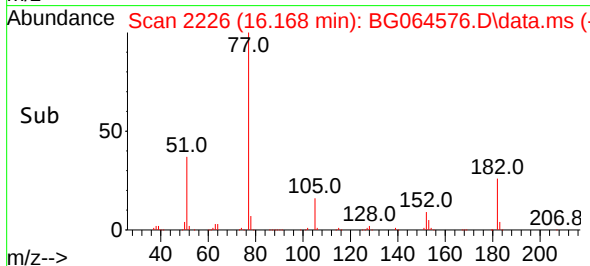
51 38.1 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.584 min Scan# 2467

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

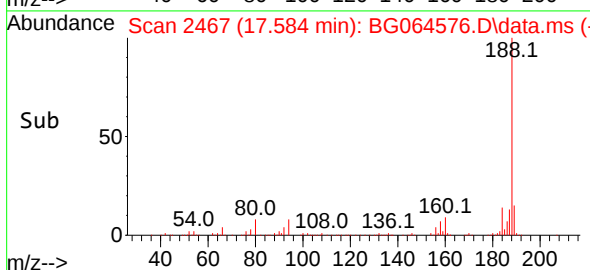
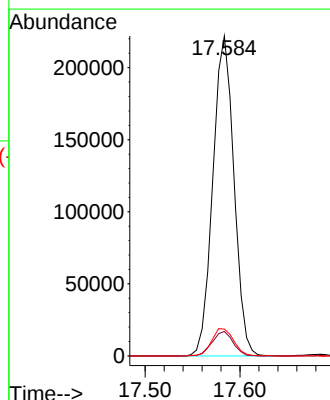
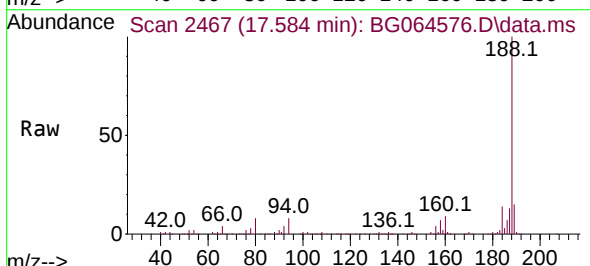
Tgt Ion:188 Resp: 343365

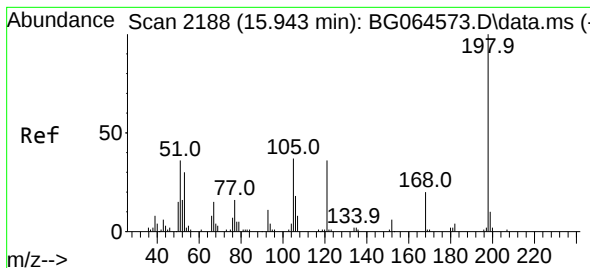
Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

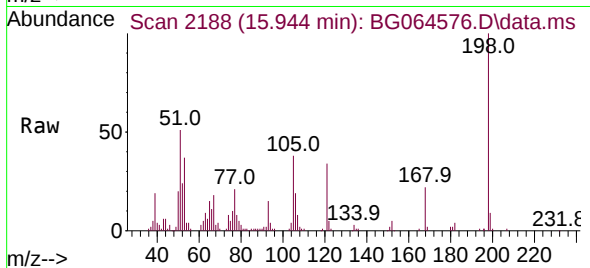
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

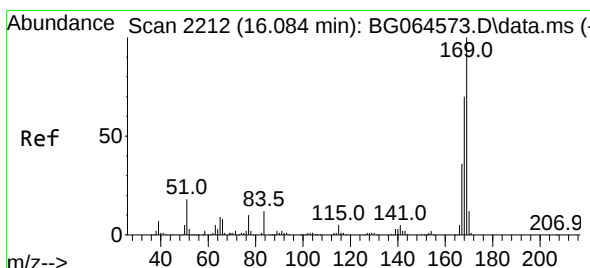
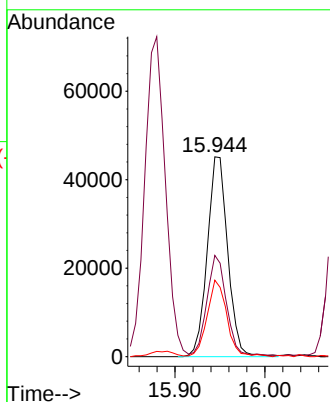
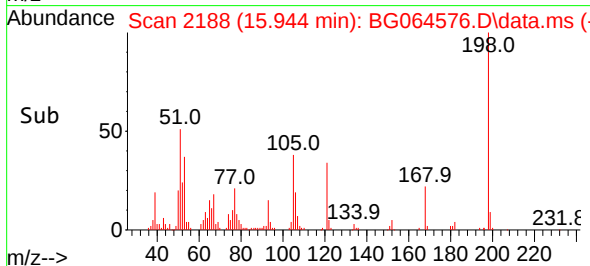
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



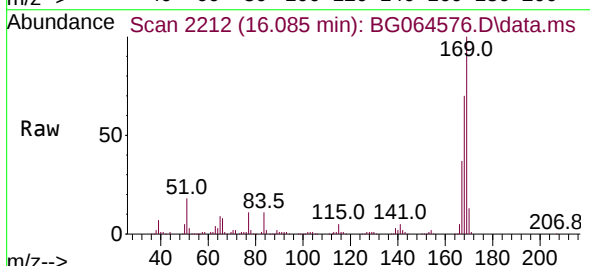
Tgt Ion:198 Resp: 71672
Ion Ratio Lower Upper
198 100
51 50.7 24.7 64.7
105 38.3 18.0 58.0

Manual Integrations
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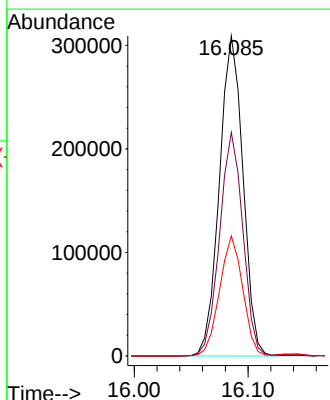
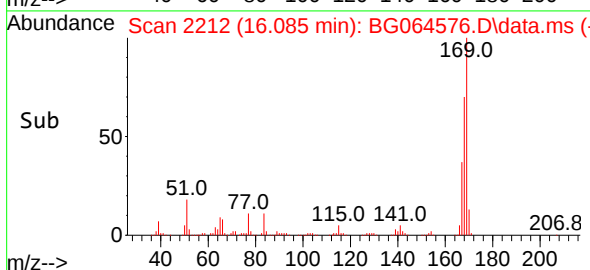
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

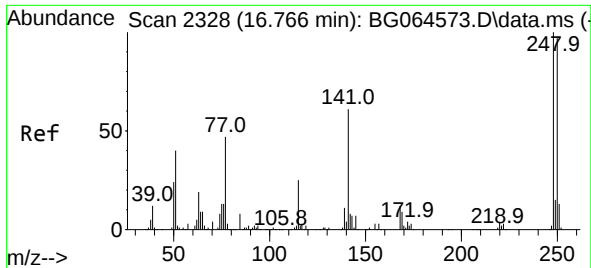


#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:169 Resp: 444824
Ion Ratio Lower Upper
169 100
168 69.8 56.3 84.5
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2328
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

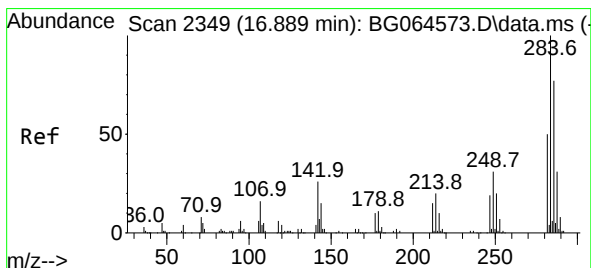
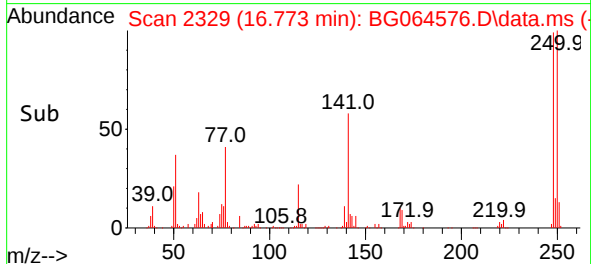
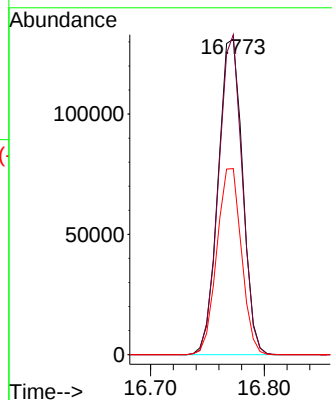
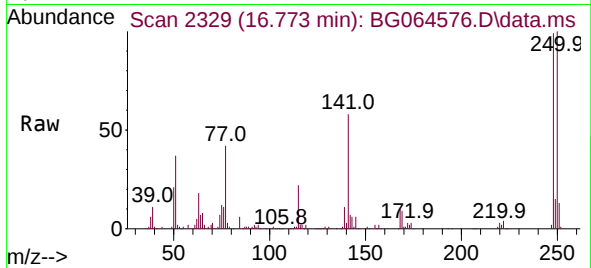
SSTDIC050

Tgt Ion:248 Resp: 196226
Ion Ratio Lower Upper
248 100
250 101.5 77.7 116.5
141 59.0 48.6 72.8

Manual Integrations

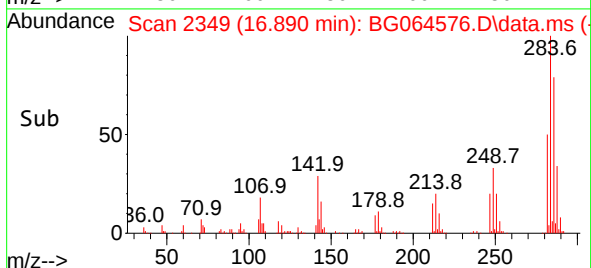
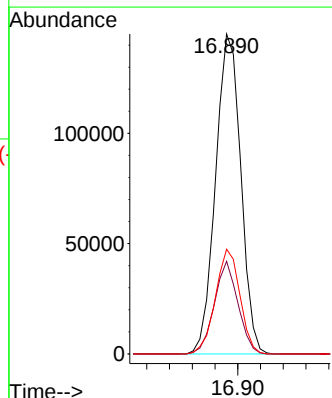
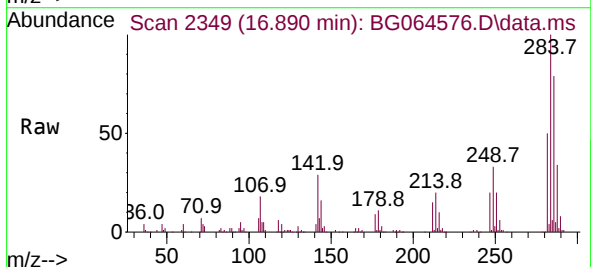
APPROVED

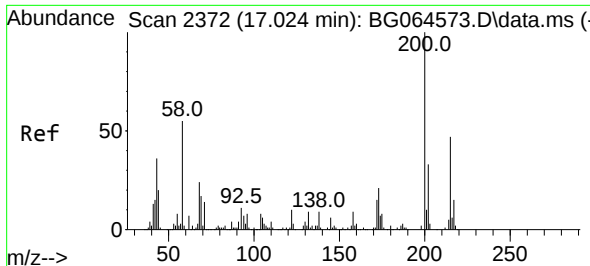
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

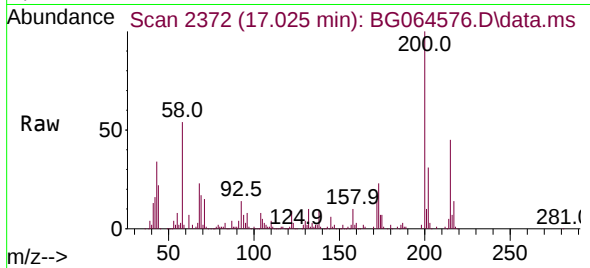
Tgt Ion:284 Resp: 223018
Ion Ratio Lower Upper
284 100
142 28.9 21.0 31.6
249 35.3 24.9 37.3





#69
Atrazine
Concen: 47.066 ng
RT: 17.025 min Scan# 2372
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

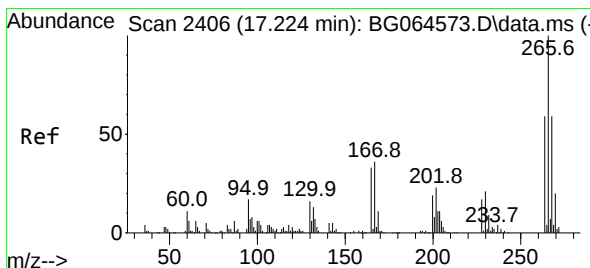
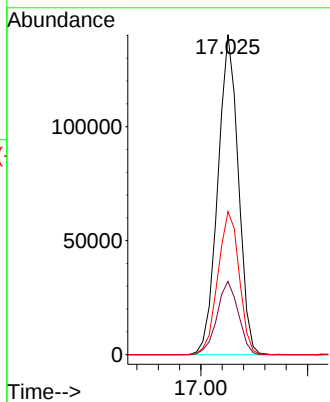
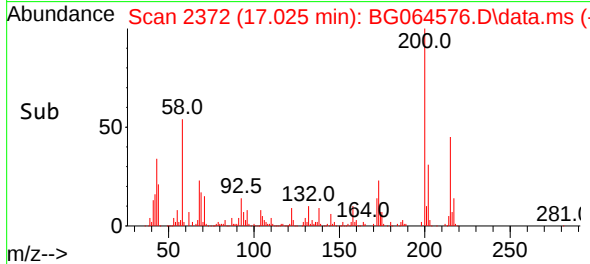
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



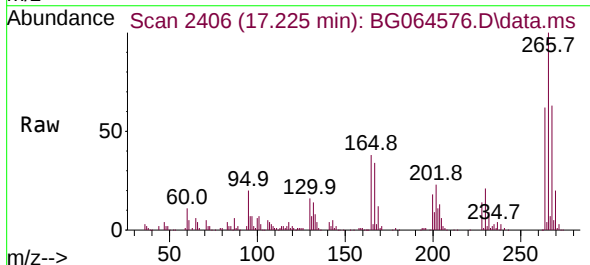
Tgt Ion:200 Resp: 187862
Ion Ratio Lower Upper
200 100
173 22.9 0.9 40.9
215 44.7 27.0 67.0

Manual Integrations
APPROVED

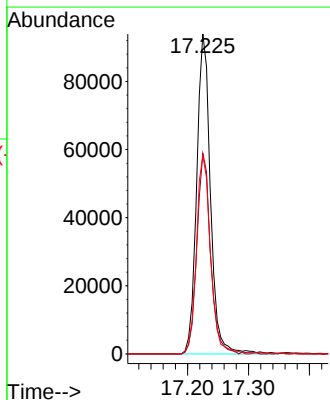
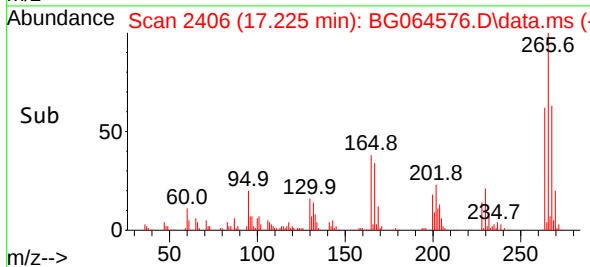
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

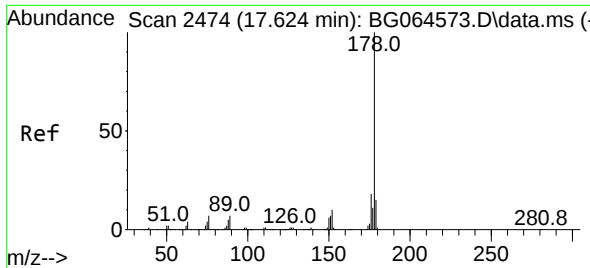


#70
Pentachlorophenol
Concen: 50.930 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



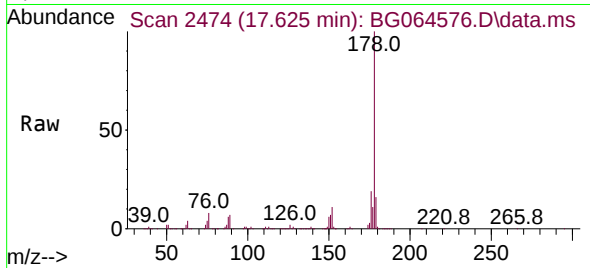
Tgt Ion:266 Resp: 147427
Ion Ratio Lower Upper
266 100
268 67.9 50.3 75.5
264 62.0 47.3 70.9





#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 2474
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

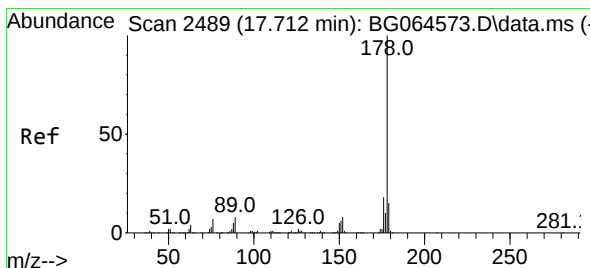
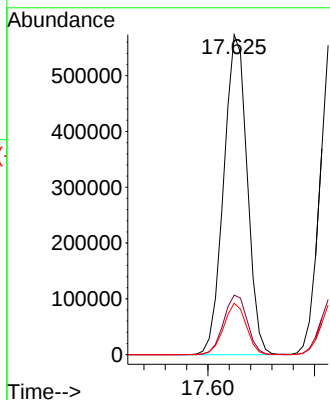
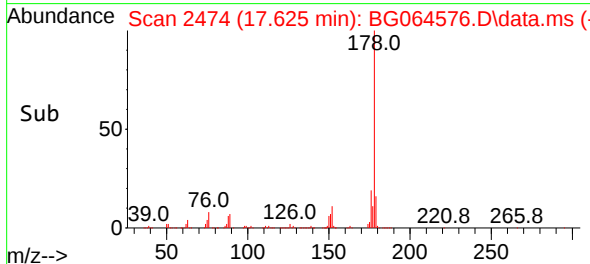
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



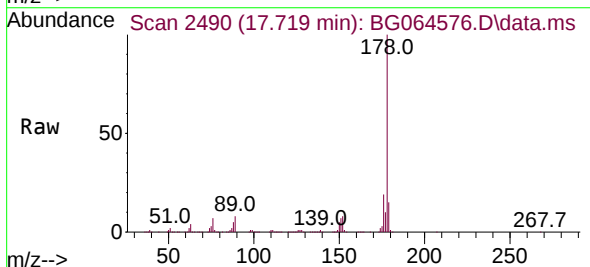
Tgt Ion:178 Resp: 875415
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.1 12.2 18.4

Manual Integrations
APPROVED

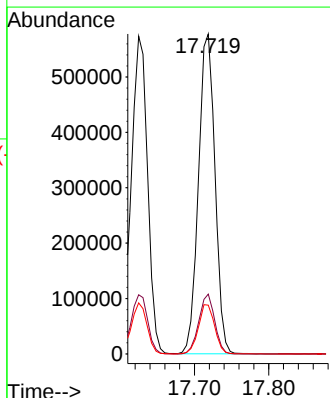
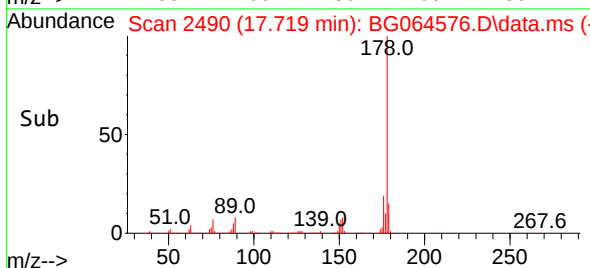
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

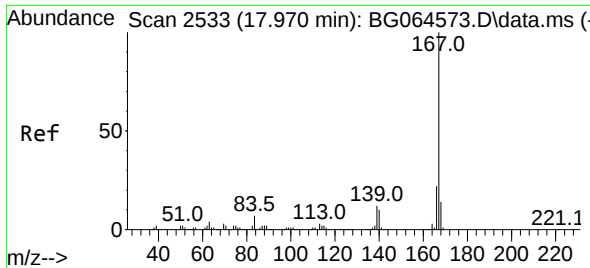


#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



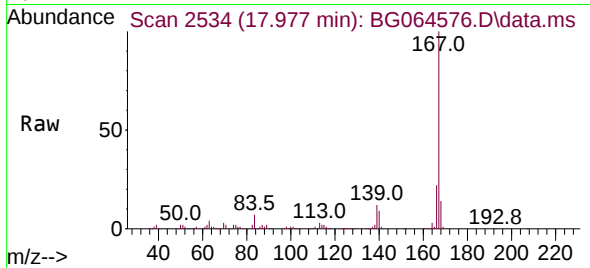
Tgt Ion:178 Resp: 893629
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.2 12.4 18.6





#73
Carbazole
Concen: 46.370 ng
RT: 17.977 min Scan# 2534
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

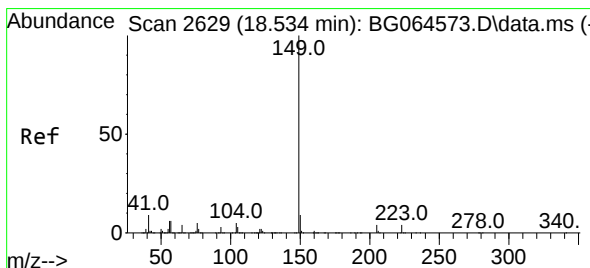
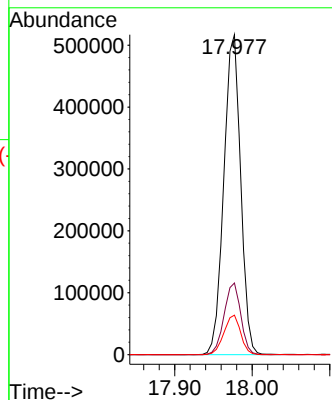
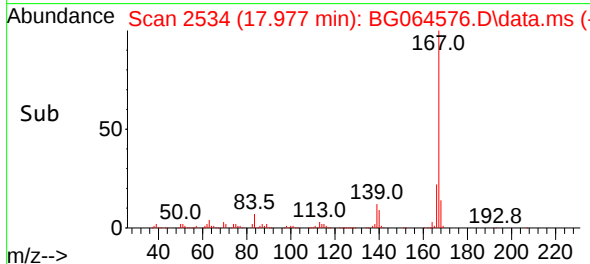
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



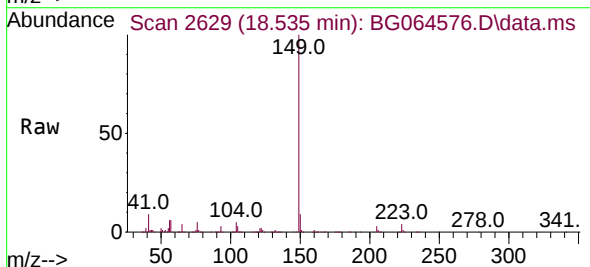
Tgt Ion:167 Resp: 781031
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.3 9.7 14.5

Manual Integrations
APPROVED

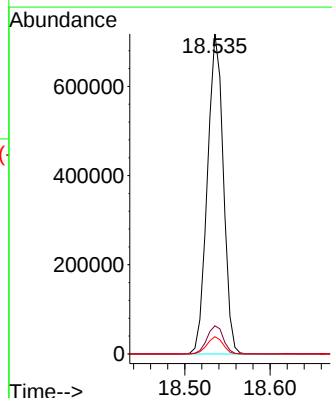
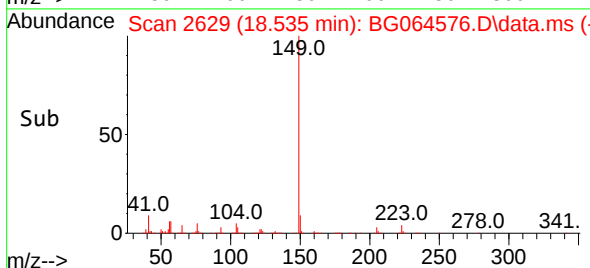
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

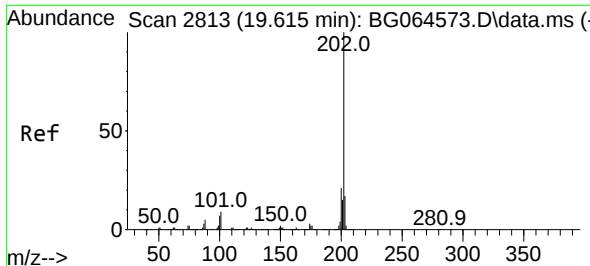


#74
Di-n-butylphthalate
Concen: 47.762 ng
RT: 18.535 min Scan# 2629
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:149 Resp: 930281
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2814
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

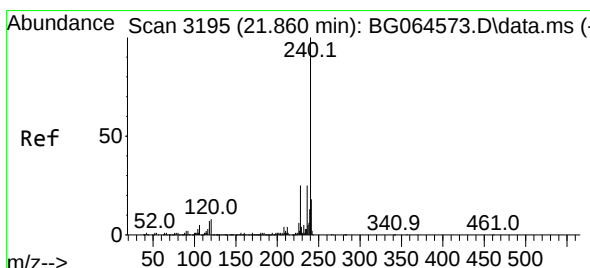
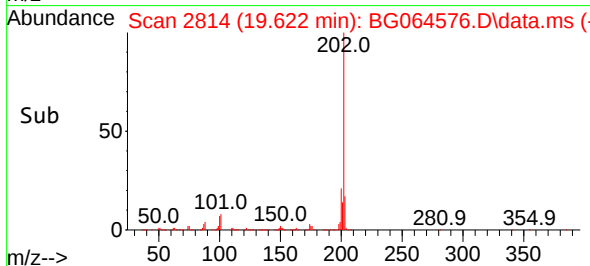
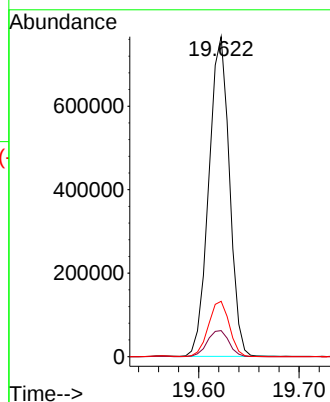
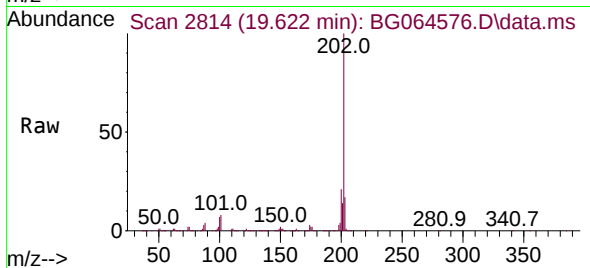
SSTDICC050

Tgt Ion:202 Resp: 1092855
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.3 0.0 37.0

Manual Integrations

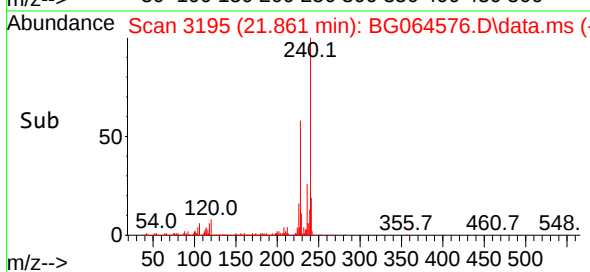
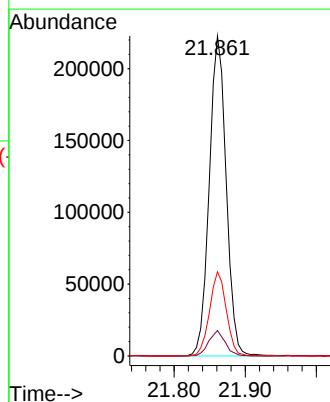
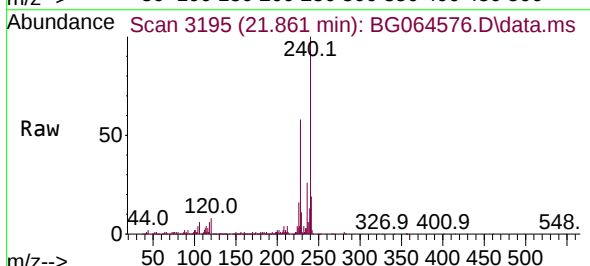
APPROVED

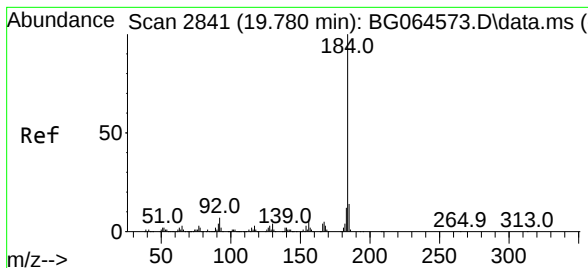
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:240 Resp: 367592
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.3 20.2 30.2





#77

Benzidine

Concen: 46.435 ng

RT: 19.787 min Scan# 2841

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 382418

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

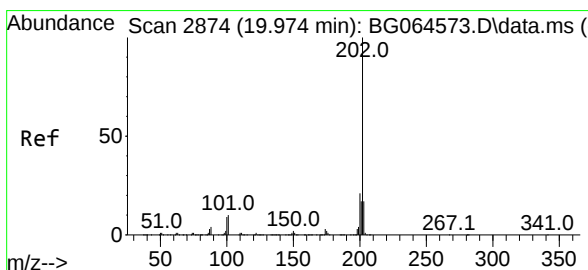
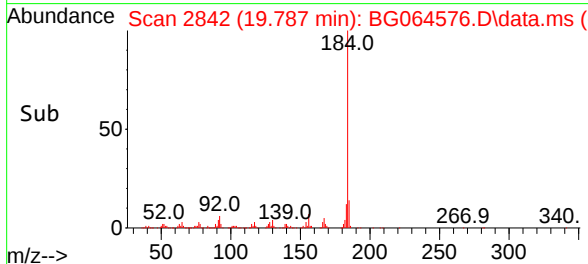
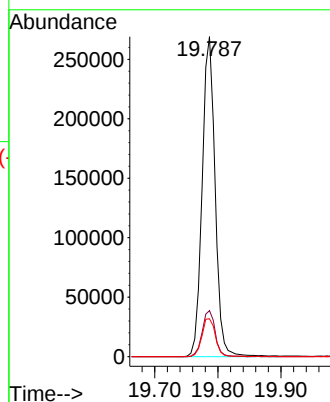
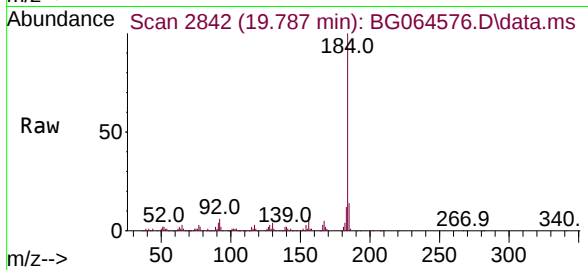
183 11.8 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#78

Pyrene

Concen: 47.190 ng

RT: 19.981 min Scan# 2875

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

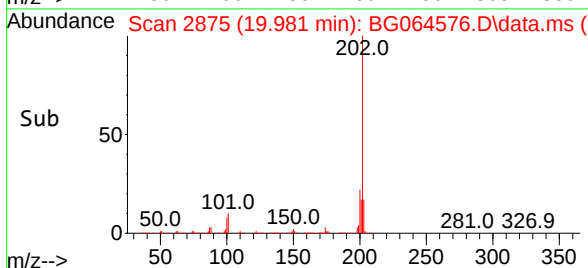
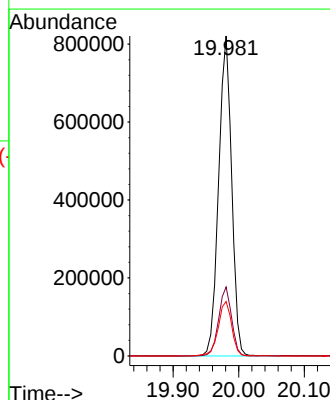
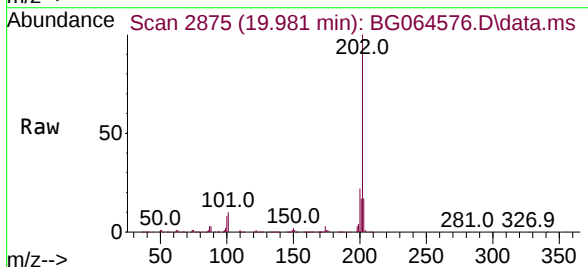
Tgt Ion:202 Resp: 1133345

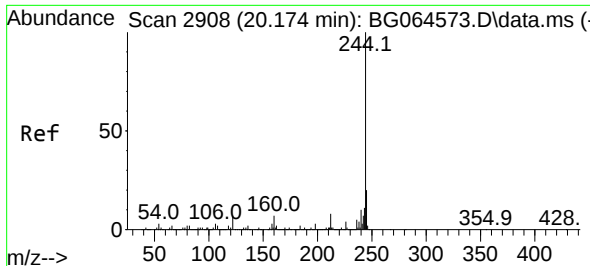
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

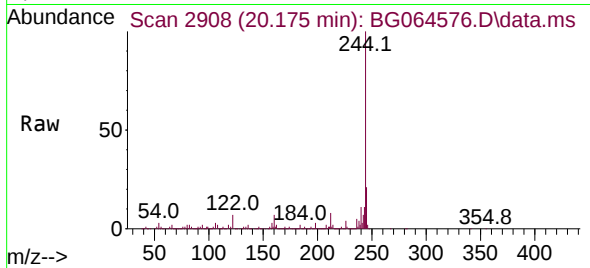
203 17.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 93.162 ng
 RT: 20.175 min Scan# 2908
 Delta R.T. 0.001 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

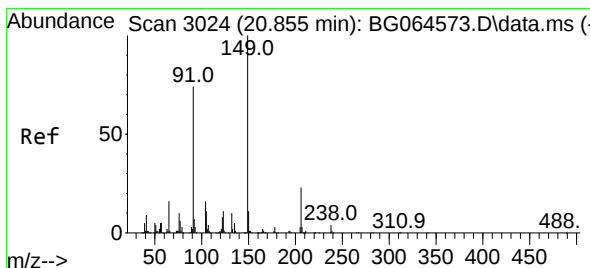
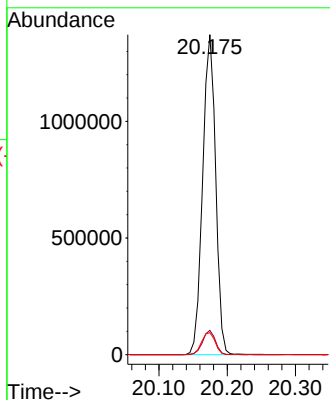
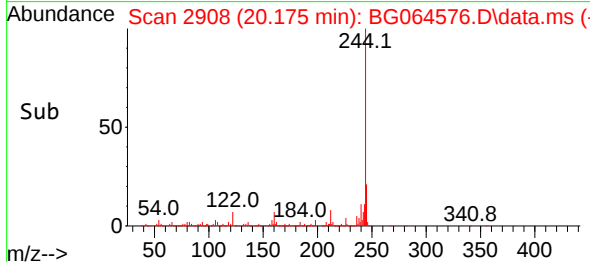
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050



Tgt Ion:244 Resp: 1814663
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.9 5.6 8.4

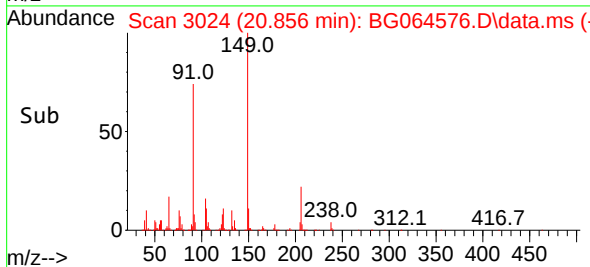
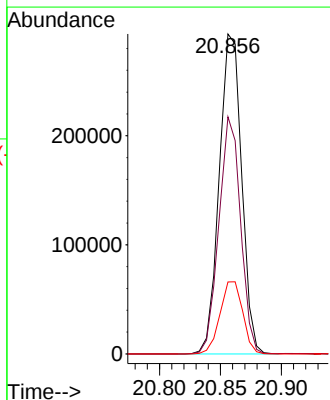
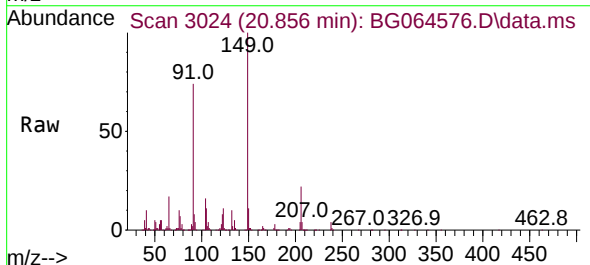
Manual Integrations
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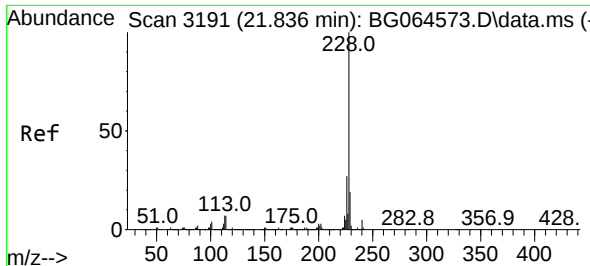
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 51.609 ng
 RT: 20.856 min Scan# 3024
 Delta R.T. 0.001 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

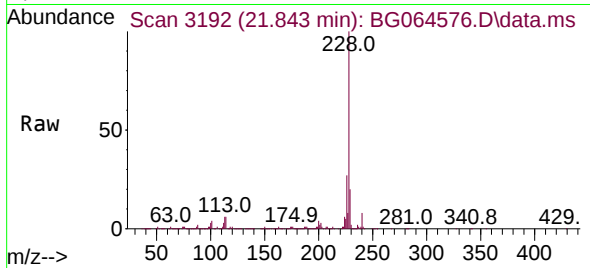
Tgt Ion:149 Resp: 374611
 Ion Ratio Lower Upper
 149 100
 91 74.1 59.2 88.8
 206 22.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3191
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

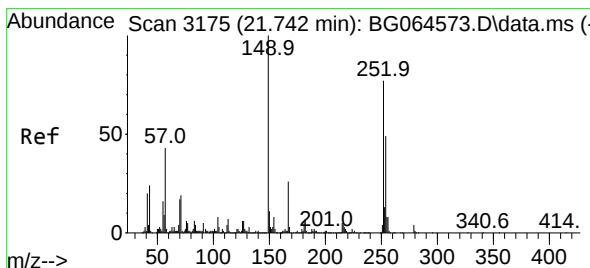
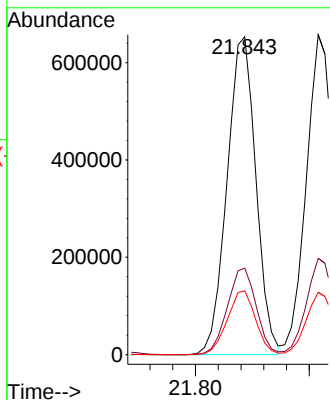
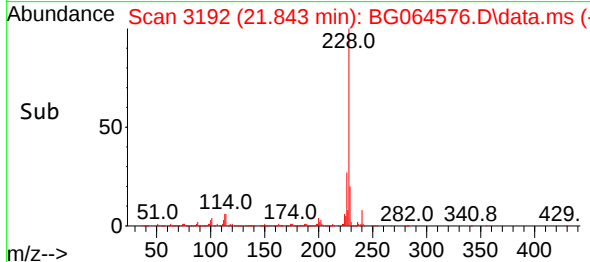
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1151242
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 15.6 23.4

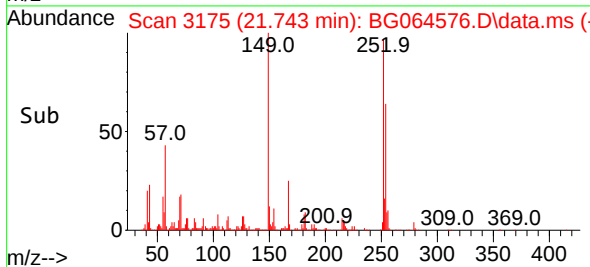
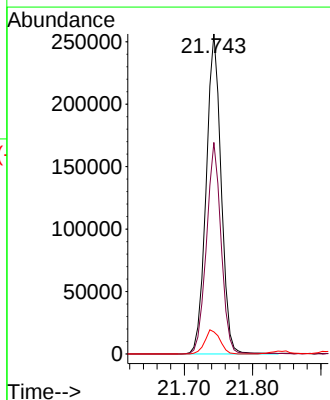
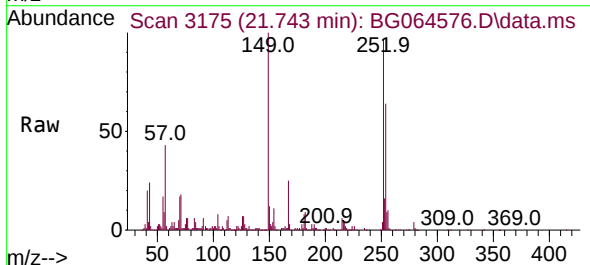
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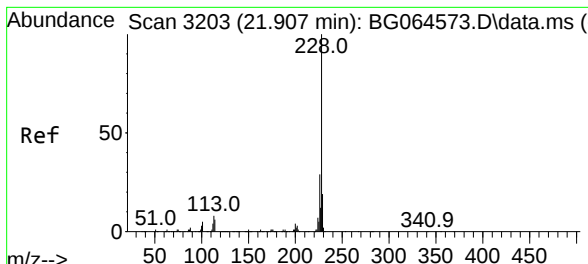
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

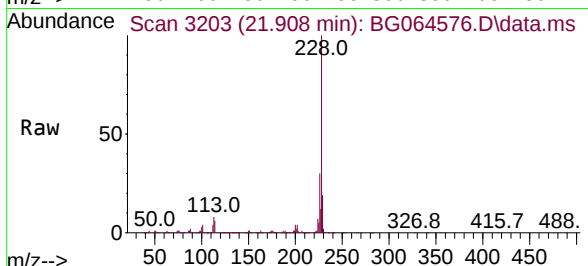
Tgt Ion:252 Resp: 389240
Ion Ratio Lower Upper
252 100
254 66.1 50.8 76.2
126 6.9 5.8 8.6





#83
Chrysene
Concen: 47.062 ng
RT: 21.908 min Scan# 31908
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

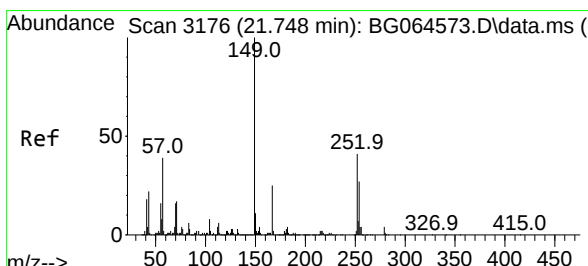
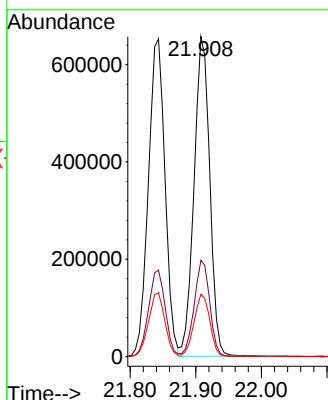
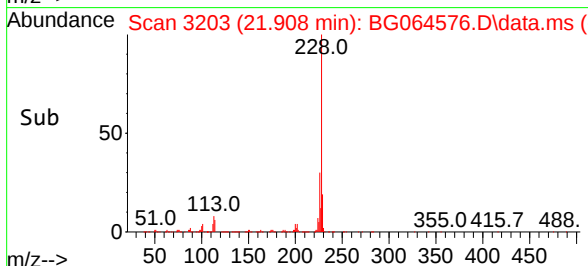
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1091456
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 19.5 15.2 22.8

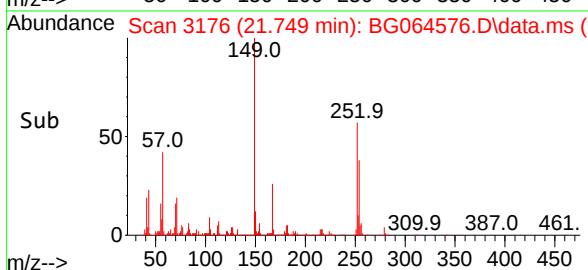
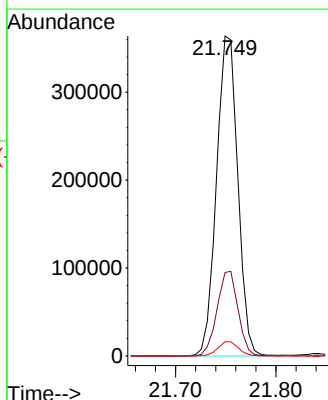
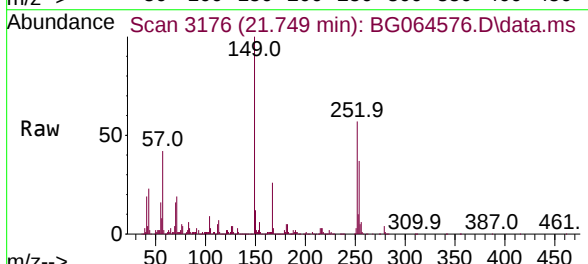
Manual Integrations
APPROVED

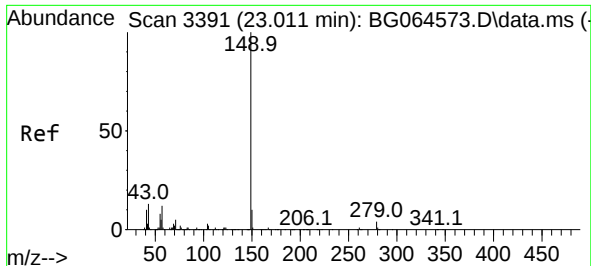
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.576 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

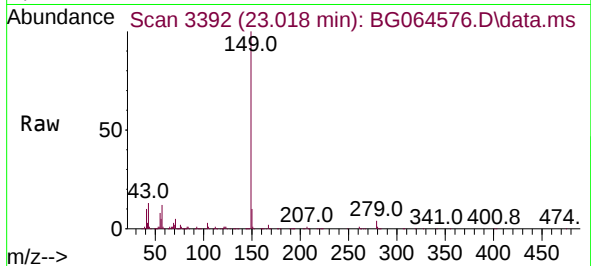
Tgt Ion:149 Resp: 537716
Ion Ratio Lower Upper
149 100
167 26.1 20.0 30.0
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3391
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

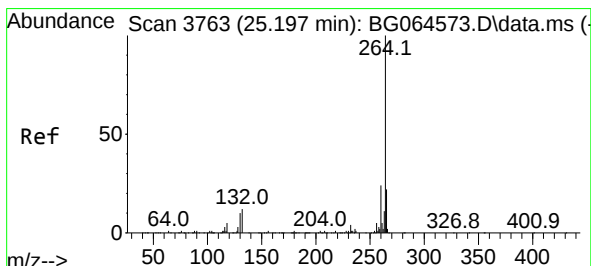
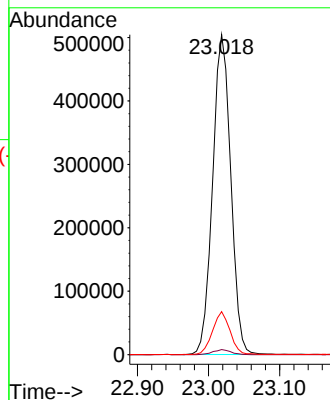
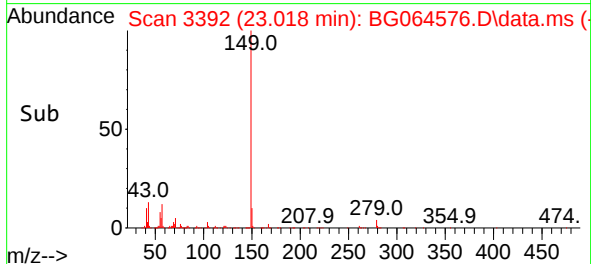
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



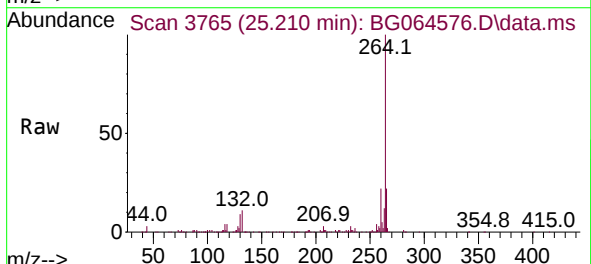
Tgt Ion:149 Resp: 896763
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.8 16.2

Manual Integrations
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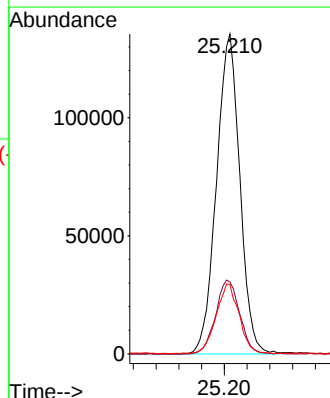
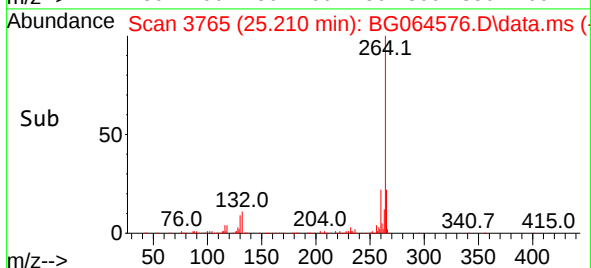
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

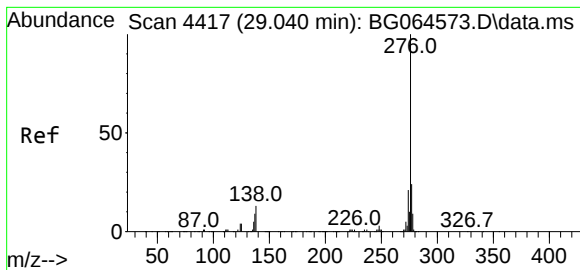


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:264 Resp: 385865
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.7 17.6 26.4





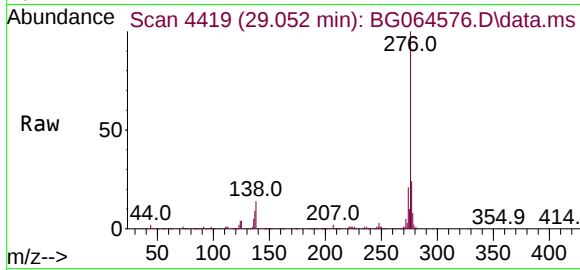
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 4417
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

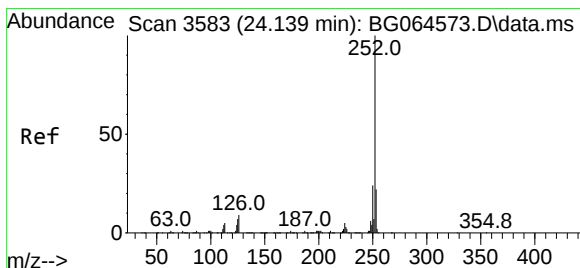
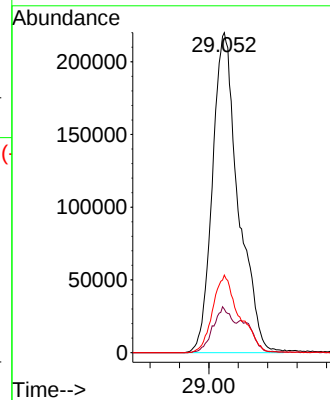
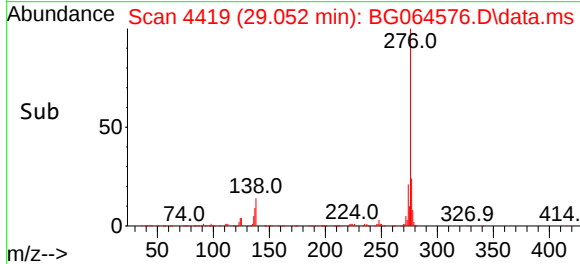


Tgt Ion:276 Resp: 1346188
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 24.8 20.1 30.1

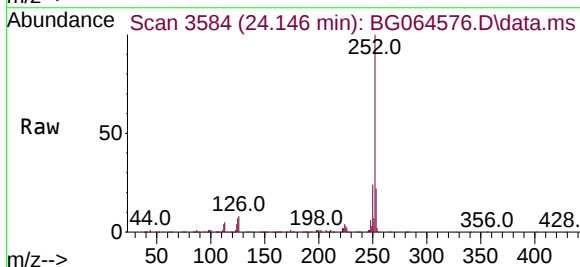
Manual Integrations

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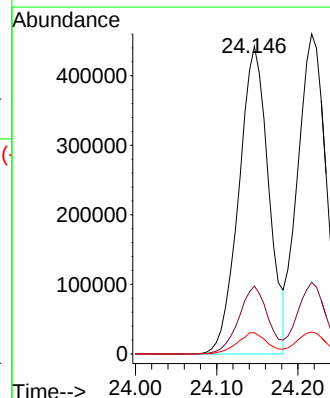
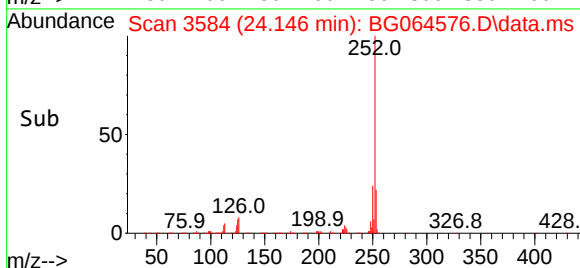
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

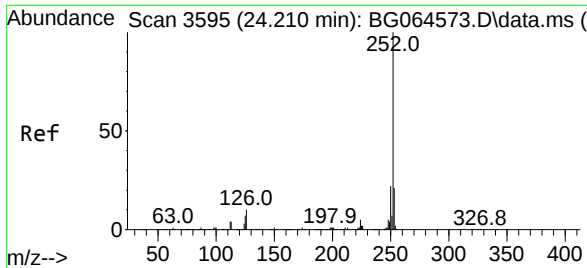


#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



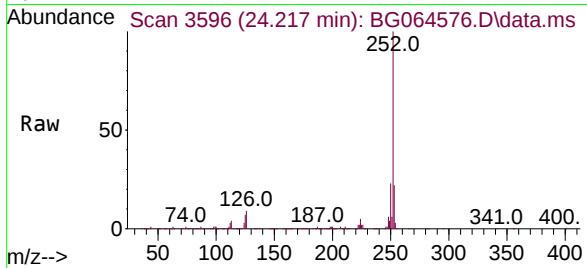
Tgt Ion:252 Resp: 1131250
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.9 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 46.901 ng
RT: 24.217 min Scan# 3596
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

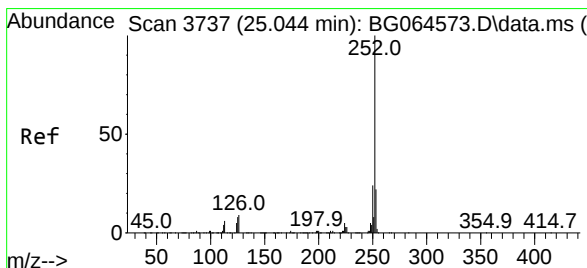
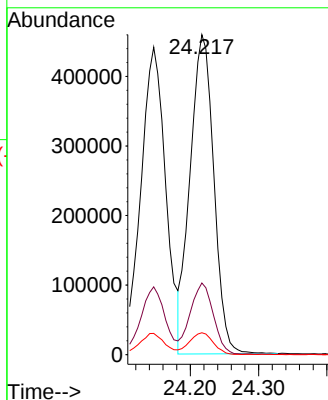
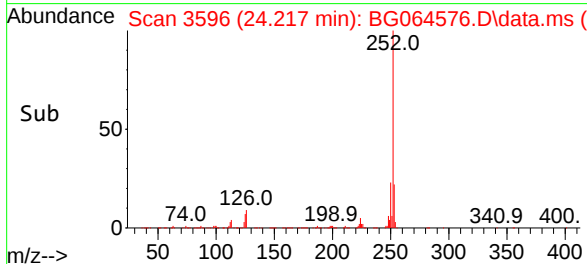
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



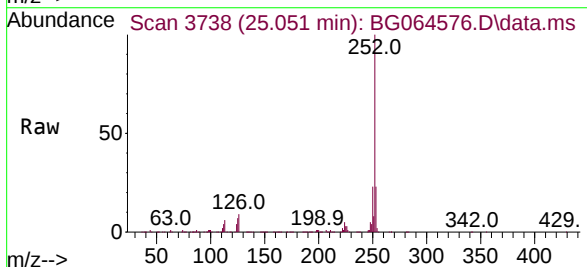
Tgt Ion:252 Resp: 1110490
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 6.8 5.4 8.0

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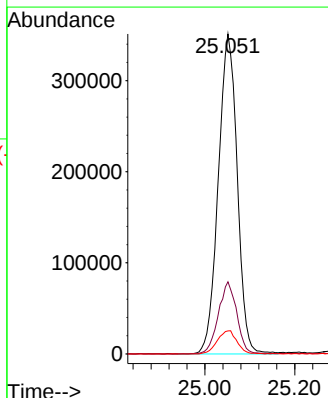
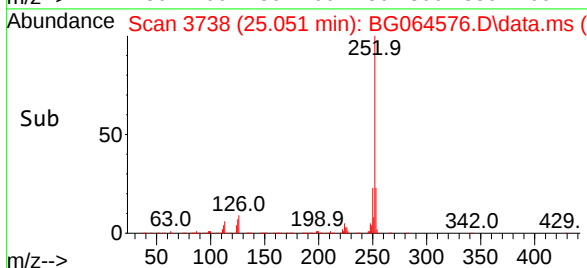
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

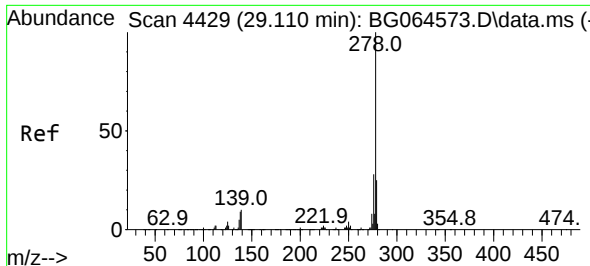


#90
Benzo(a)pyrene
Concen: 47.339 ng
RT: 25.051 min Scan# 3738
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



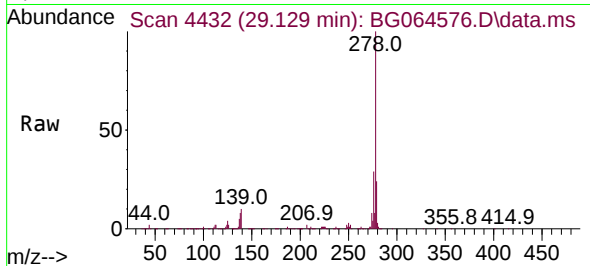
Tgt Ion:252 Resp: 1029605
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 4429
Delta R.T. 0.019 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

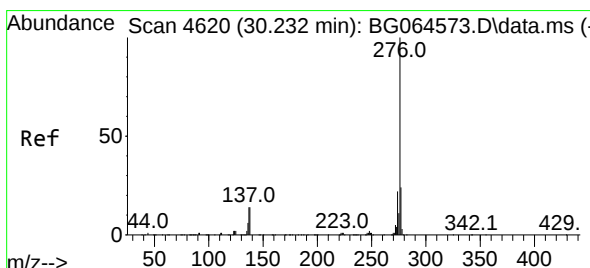
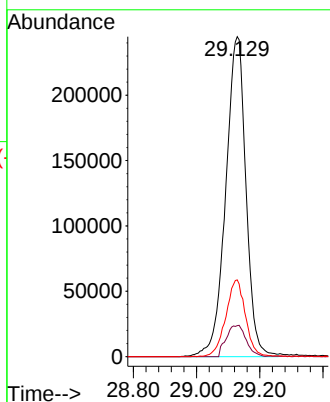
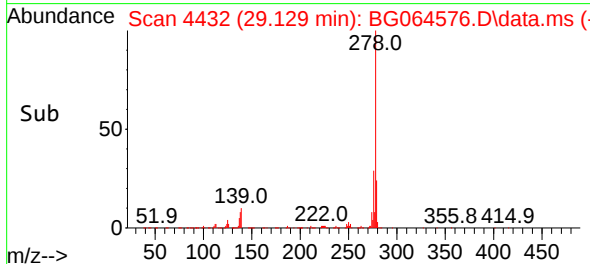
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 1090407
Ion Ratio Lower Upper
278 100
139 9.7 8.0 12.0
279 24.0 19.8 29.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 47.184 ng
RT: 30.245 min Scan# 4622
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1039447
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.0 11.3 16.9

