

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064052.D
 Acq On : 5 Mar 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	38973	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	174562	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	119753	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	261353	20.000	ng	0.00
76) Chrysene-d12	21.467	240	257789	20.000	ng	0.00
86) Perylene-d12	24.481	264	274554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	406682	162.936	ng	0.00
7) Phenol-d6	7.037	99	562221	165.580	ng	0.00
23) Nitrobenzene-d5	9.029	82	570757	180.687	ng	0.01
42) 2,4,6-Tribromophenol	15.979	330	230590	173.228	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	1198476	151.908	ng	0.00
79) Terphenyl-d14	19.857	244	1912762	150.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	86434	76.411	ng	97
3) Pyridine	3.770	79	194608	70.740	ng	99
4) n-Nitrosodimethylamine	3.682	42	166554	84.738	ng	98
6) Aniline	7.196	93	260509	78.188	ng	97
8) 2-Chlorophenol	7.436	128	221296	82.552	ng	96
10) Phenol	7.066	94	287854	82.802	ng	97
11) bis(2-Chloroethyl)ether	7.295	93	217240	79.707	ng	99
12) 1,3-Dichlorobenzene	7.760	146	235126	79.873	ng	96
13) 1,4-Dichlorobenzene	7.901	146	238817	79.149	ng	96
14) 1,2-Dichlorobenzene	8.224	146	233348	80.201	ng	97
15) Benzyl Alcohol	8.106	79	227176	86.581	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.400	45	502220	81.950	ng	99
17) 2-Methylphenol	8.306	107	198161	85.886	ng	98
18) Hexachloroethane	8.946	117	90416	85.647	ng	98
19) n-Nitroso-di-n-propyla...	8.682	70	197732	82.978	ng	96
20) 3+4-Methylphenols	8.641	107	269552	84.861	ng	92
22) Acetophenone	8.688	105	379097	79.207	ng	99
24) Nitrobenzene	9.064	77	285702	87.518	ng	99
25) Isophorone	9.593	82	507481	80.266	ng	96
26) 2-Nitrophenol	9.769	139	102389	79.399	ng	96
27) 2,4-Dimethylphenol	9.834	122	159995	84.413	ng	94
28) bis(2-Chloroethoxy)met...	10.074	93	310803	81.082	ng	99
29) 2,4-Dichlorophenol	10.304	162	208425	87.086	ng	98
30) 1,2,4-Trichlorobenzene	10.521	180	231572	80.151	ng	99
31) Naphthalene	10.709	128	752327	79.925	ng	99
32) Benzoic acid	10.022	122	153536m	81.016	ng	
33) 4-Chloroaniline	10.815	127	281930	81.948	ng	100
34) Hexachlorobutadiene	10.997	225	152146	80.341	ng	98
35) Caprolactam	11.608	113	77479	84.477	ng	# 82
36) 4-Chloro-3-methylphenol	11.937	107	262810	83.772	ng	100
37) 2-Methylnaphthalene	12.313	142	524206	78.886	ng	97
38) 1-Methylnaphthalene	12.536	142	511482	78.566	ng	98
40) 1,2,4,5-Tetrachloroben...	12.683	216	271079	79.289	ng	99
41) Hexachlorocyclopentadiene	12.671	237	87700	91.141	ng	95
43) 2,4,6-Trichlorophenol	12.924	196	175233	86.966	ng	97
44) 2,4,5-Trichlorophenol	12.995	196	197831	88.360	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064052.D
 Acq On : 5 Mar 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

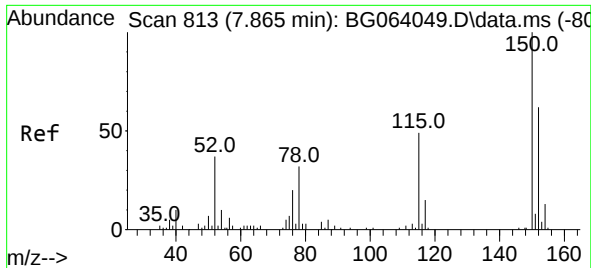
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 14:45:06 2025
 Response via : Initial Calibration

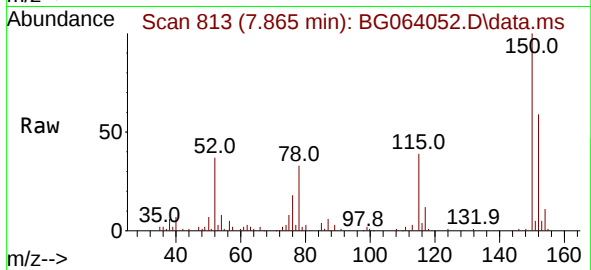
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.329	154	706656	78.106	ng	98
47) 2-Chloronaphthalene	13.371	162	528541	80.099	ng	98
48) 2-Nitroaniline	13.570	65	195363	79.407	ng	97
49) Acenaphthylene	14.217	152	822307	78.787	ng	99
50) Dimethylphthalate	13.958	163	695598	78.689	ng	100
51) 2,6-Dinitrotoluene	14.070	165	147719	79.965	ng	98
52) Acenaphthene	14.557	154	540444	76.999	ng	97
53) 3-Nitroaniline	14.399	138	154723	90.561	ng	95
54) 2,4-Dinitrophenol	14.599	184	61808	82.400	ng	# 81
55) Dibenzofuran	14.892	168	874479	77.066	ng	99
56) 4-Nitrophenol	14.698	139	126982	88.621	ng	95
57) 2,4-Dinitrotoluene	14.857	165	203301	79.564	ng	# 97
58) Fluorene	15.539	166	668072	75.593	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	188307	86.273	ng	# 95
60) Diethylphthalate	15.321	149	758650	79.055	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	326141	74.261	ng	91
62) 4-Nitroaniline	15.562	138	159478	86.459	ng	91
63) Azobenzene	15.832	77	787412	76.893	ng	99
65) 4,6-Dinitro-2-methylph...	15.615	198	100338	81.905	ng	96
66) n-Nitrosodiphenylamine	15.750	169	590976	79.884	ng	97
67) 4-Bromophenyl-phenylether	16.432	248	222258	83.033	ng	96
68) Hexachlorobenzene	16.543	284	240907	80.390	ng	98
70) Pentachlorophenol	16.884	266	170842	91.819	ng	98
71) Phenanthrene	17.278	178	1094187	78.492	ng	99
72) Anthracene	17.366	178	1099164	79.297	ng	97
73) Carbazole	17.636	167	999549	77.234	ng	99
74) Di-n-butylphthalate	18.206	149	1263186	82.920	ng	99
75) Fluoranthene	19.287	202	1276040	75.929	ng	99
77) Benzidine	19.463	184	279417	77.211	ng	99
78) Pyrene	19.646	202	1321748	79.539	ng	99
80) Butylbenzylphthalate	20.550	149	517770	80.379	ng	99
81) Benzo(a)anthracene	21.449	228	1325828	80.289	ng	98
82) 3,3'-Dichlorobenzidine	21.367	252	423636	79.269	ng	100
83) Chrysene	21.514	228	1291089	78.391	ng	99
84) Bis(2-ethylhexyl)phtha...	21.385	149	806194	90.273	ng	99
85) Di-n-octyl phthalate	22.530	149	1379517	89.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.895	276	1530546	83.318	ng	99
88) Benzo(b)fluoranthene	23.541	252	1356996	81.758	ng	98
89) Benzo(k)fluoranthene	23.606	252	1334083	80.120	ng	99
90) Benzo(a)pyrene	24.346	252	1200152	81.191	ng	97
91) Dibenzo(a,h)anthracene	27.959	278	1273882	83.647	ng	98
92) Benzo(g,h,i)perylene	28.970	276	1282909	82.048	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

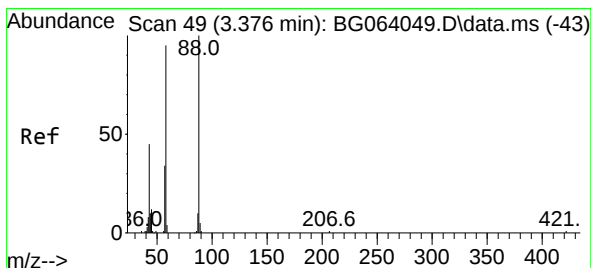
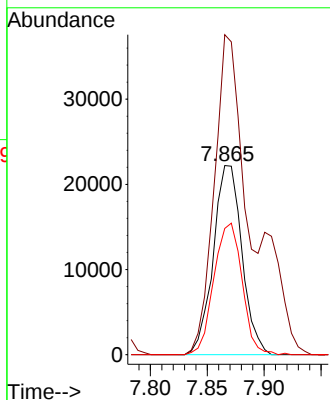
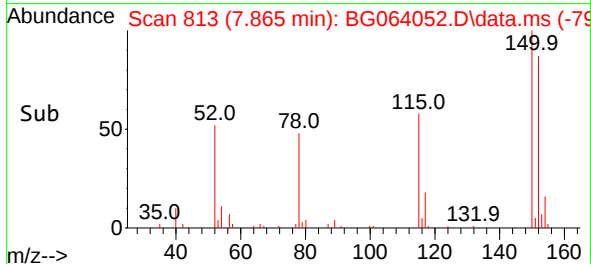
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 3897
Ion Ratio Lower Upper
152 100
150 169.1 129.2 193.8
115 66.7 63.0 94.6

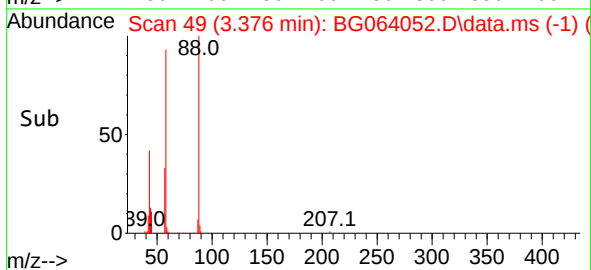
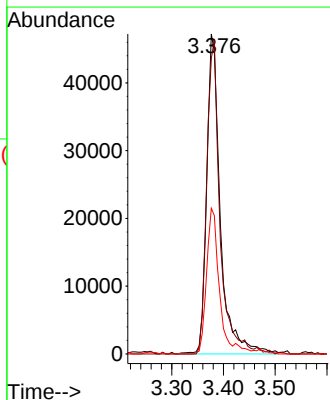
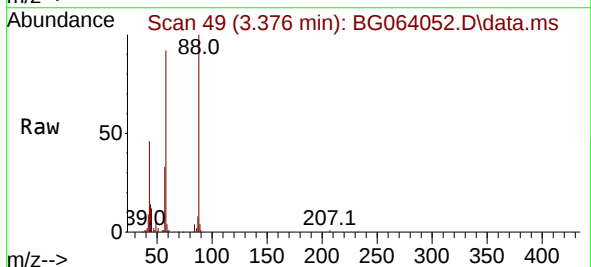
Manual Integrations
APPROVED

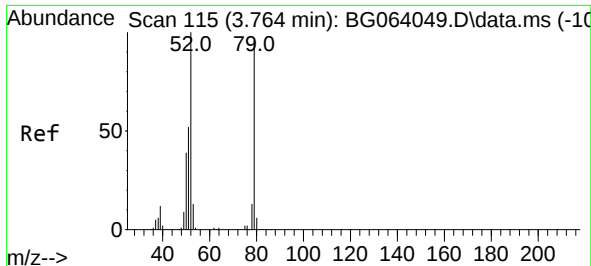
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#2
1,4-Dioxane
Concen: 76.411 ng
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

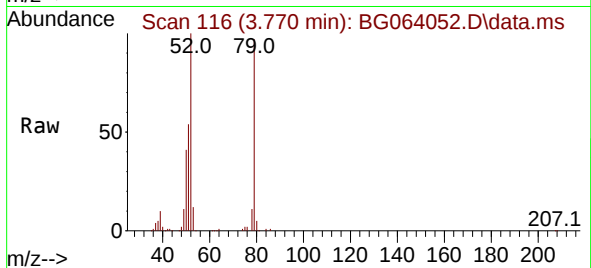
Tgt Ion: 88 Resp: 86434
Ion Ratio Lower Upper
88 100
58 95.8 74.6 111.8
43 43.0 35.5 53.3





#3
Pyridine
Concen: 70.740 ng
RT: 3.770 min Scan# 115
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

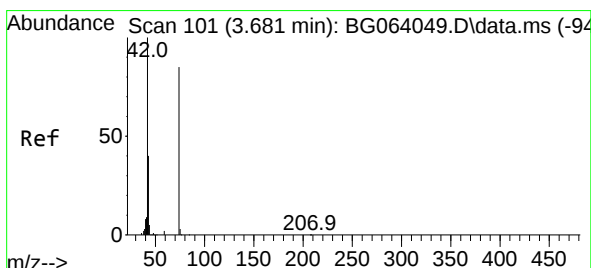
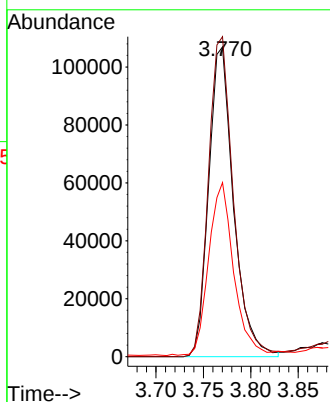
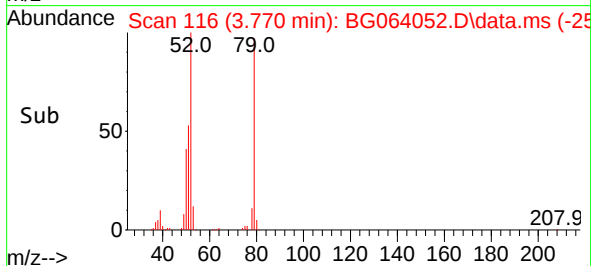
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 194608
Ion Ratio Lower Upper
79 100
52 103.3 83.0 124.6
51 56.2 44.3 66.5

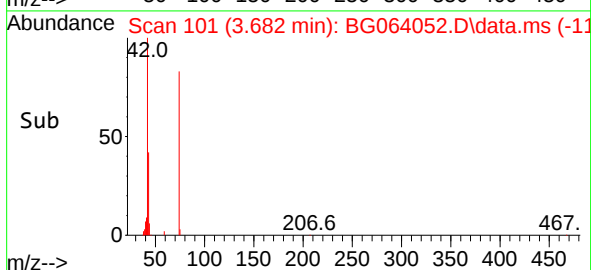
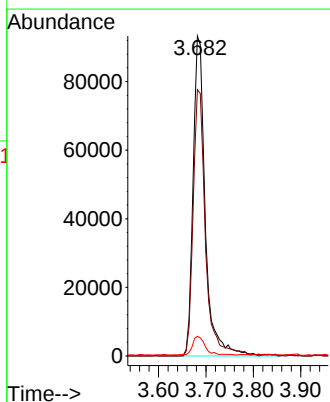
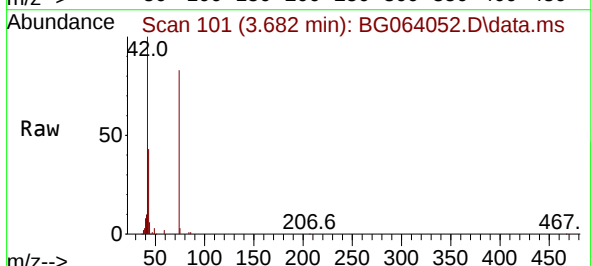
Manual Integrations
APPROVED

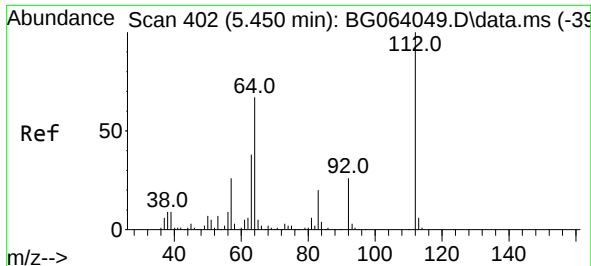
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#4
n-Nitrosodimethylamine
Concen: 84.738 ng
RT: 3.682 min Scan# 101
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

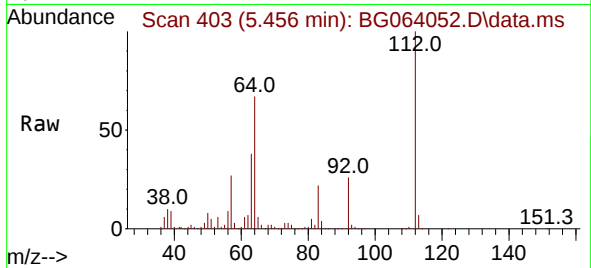
Tgt Ion: 42 Resp: 166554
Ion Ratio Lower Upper
42 100
74 83.2 68.0 102.0
44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 162.936 ng
RT: 5.456 min Scan# 402
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

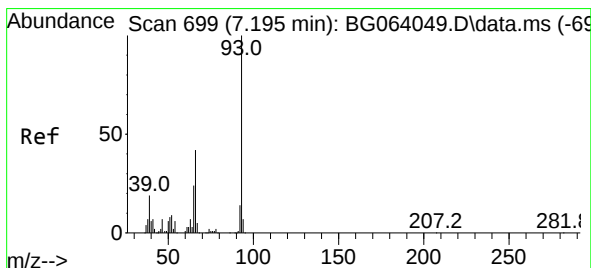
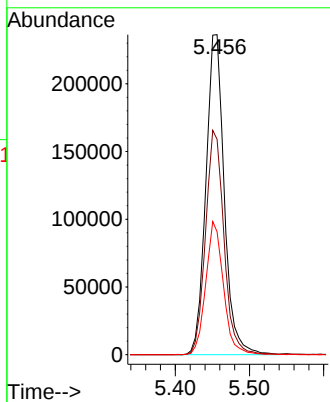
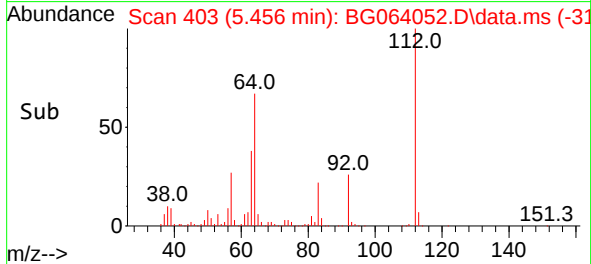
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 406682
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 38.4 30.2 45.4

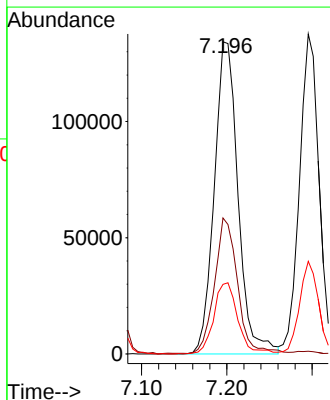
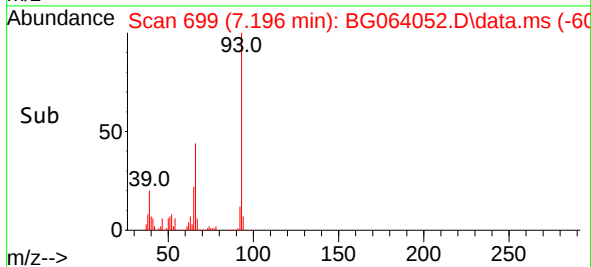
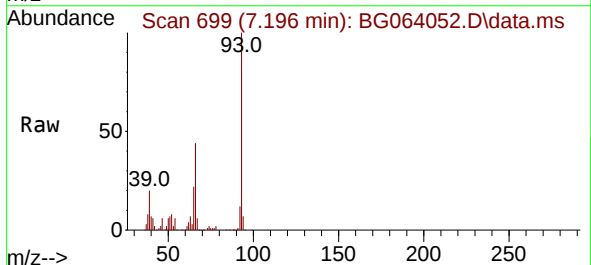
Manual Integrations
APPROVED

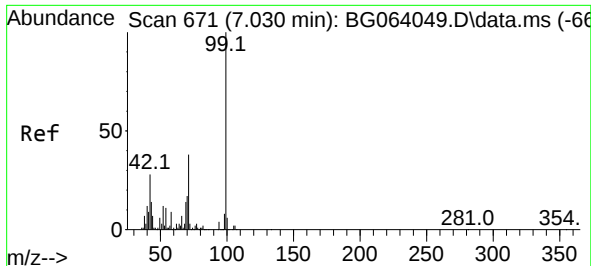
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#6
Aniline
Concen: 78.188 ng
RT: 7.196 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

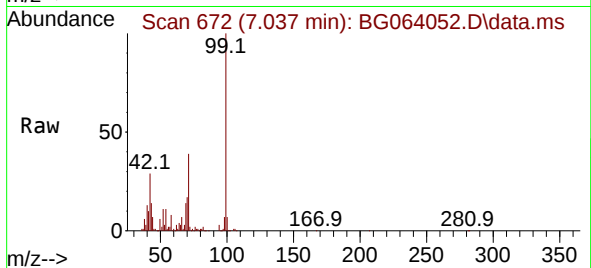
Tgt Ion: 93 Resp: 260509
Ion Ratio Lower Upper
93 100
66 43.6 33.7 50.5
65 22.3 19.1 28.7





#7
Phenol-d6
Concen: 165.580 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

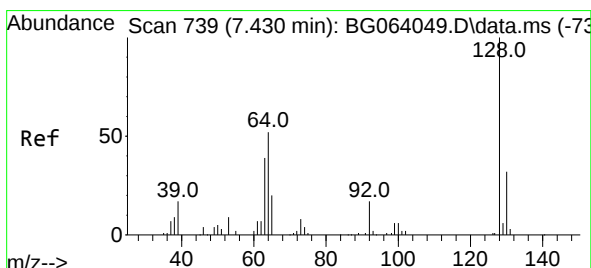
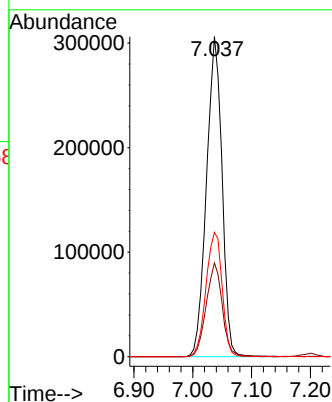
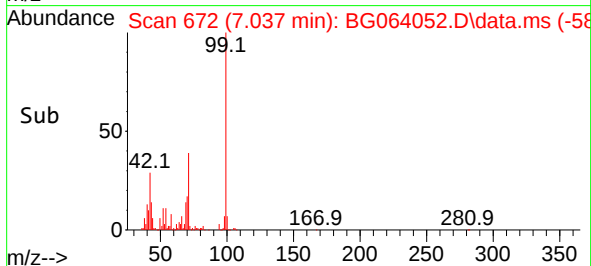
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 56222
Ion Ratio Lower Upper
99 100
42 29.3 22.7 34.1
71 38.9 30.6 46.0

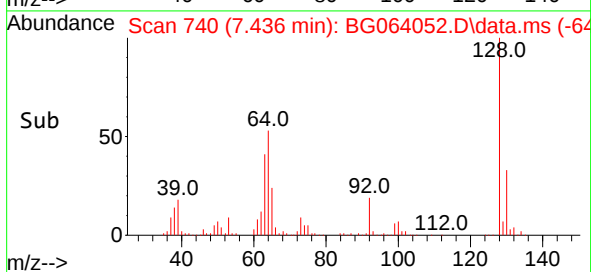
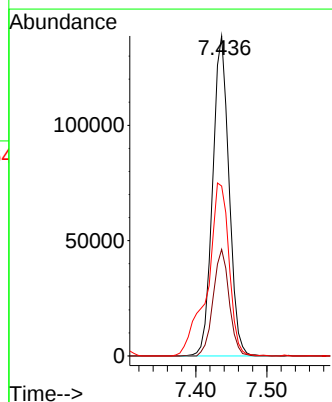
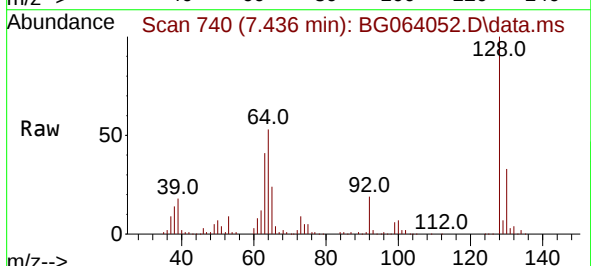
Manual Integrations
APPROVED

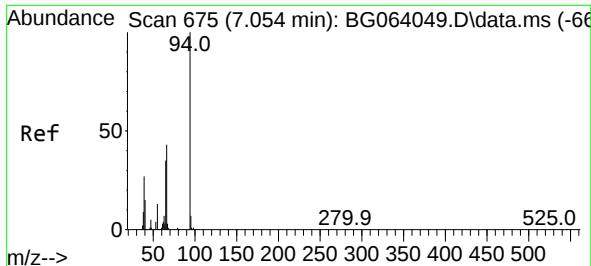
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#8
2-Chlorophenol
Concen: 82.552 ng
RT: 7.436 min Scan# 740
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

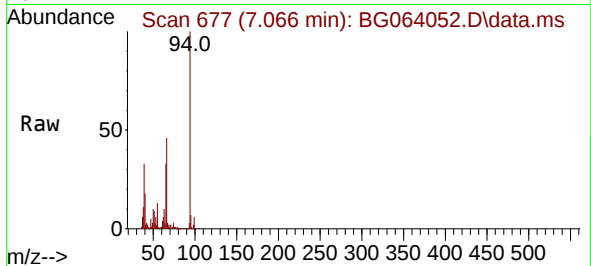
Tgt Ion:128 Resp: 221296
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 53.1 37.0 77.0





#10
Phenol
Concen: 82.802 ng
RT: 7.066 min Scan# 61
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

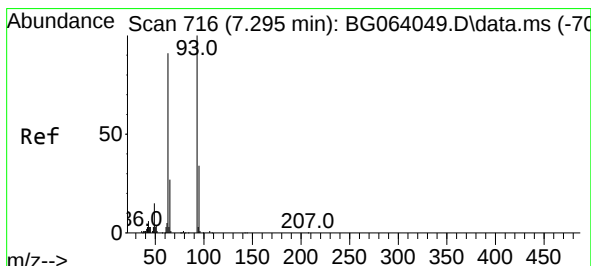
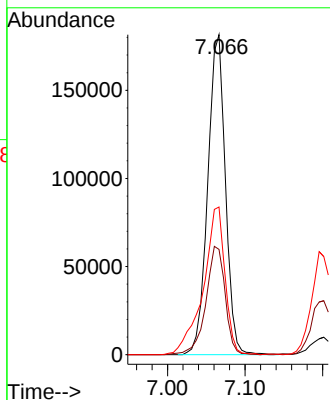
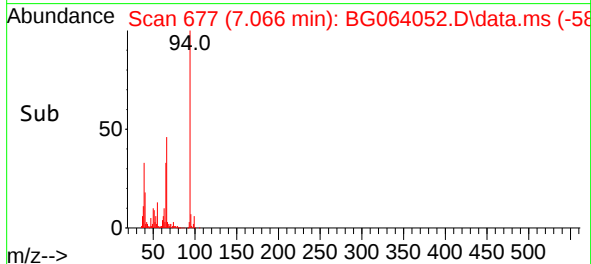
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 287854
Ion Ratio Lower Upper
94 100
65 32.9 15.2 55.2
66 46.1 25.1 65.1

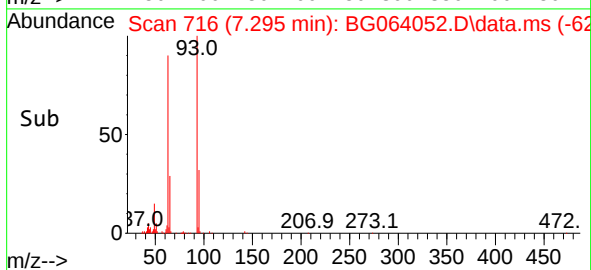
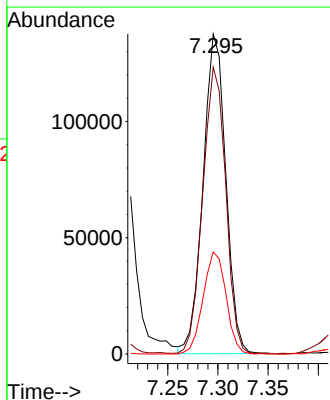
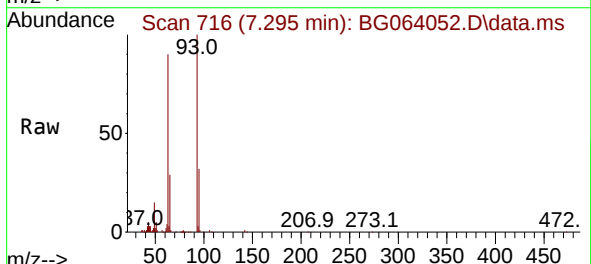
Manual Integrations
APPROVED

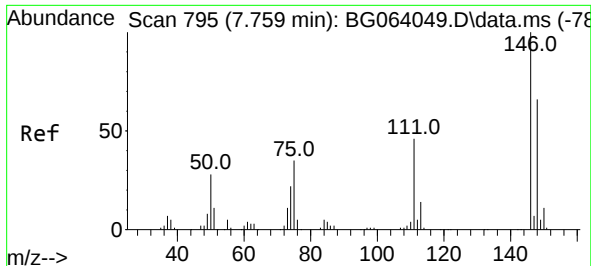
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#11
bis(2-Chloroethyl)ether
Concen: 79.707 ng
RT: 7.295 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 93 Resp: 217240
Ion Ratio Lower Upper
93 100
63 89.6 70.0 110.0
95 31.9 13.7 53.7





#12

1,3-Dichlorobenzene

Concen: 79.873 ng

RT: 7.760 min Scan# 795

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 235120

Ion Ratio Lower Upper

146 100

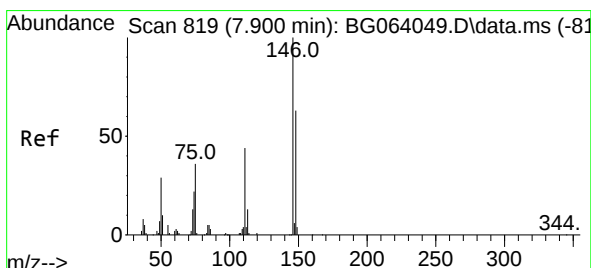
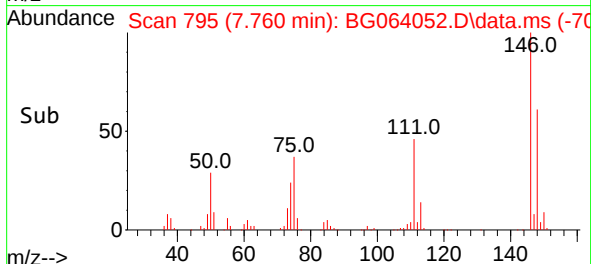
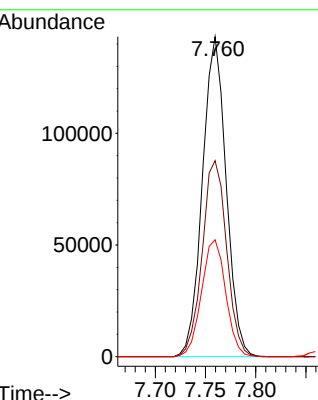
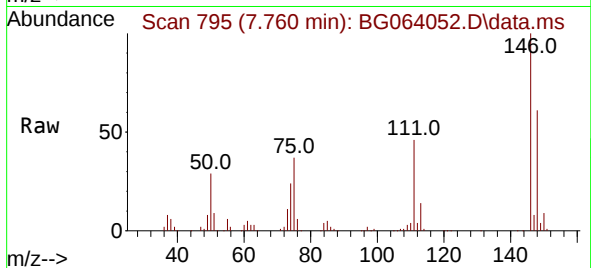
148 61.3 52.6 78.8

75 36.5 28.1 42.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#13

1,4-Dichlorobenzene

Concen: 79.149 ng

RT: 7.901 min Scan# 819

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

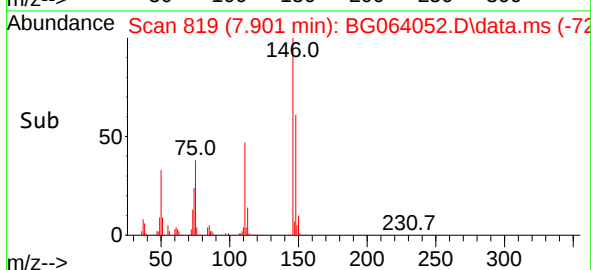
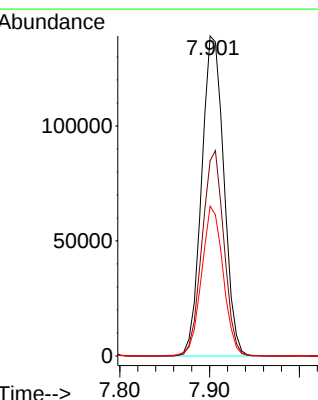
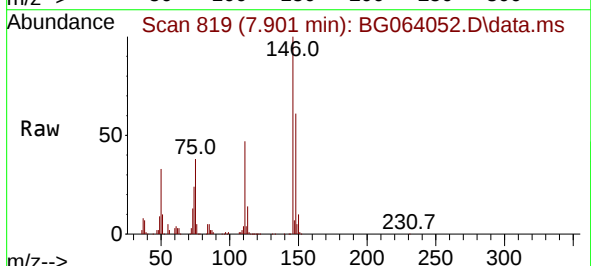
Tgt Ion:146 Resp: 238817

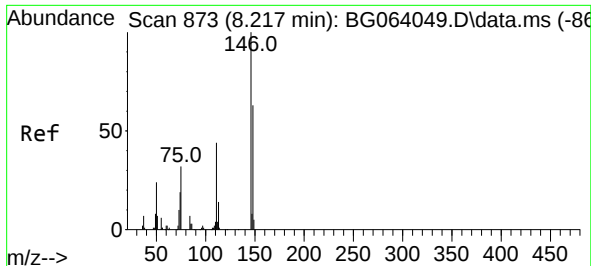
Ion Ratio Lower Upper

146 100

148 60.9 50.6 75.8

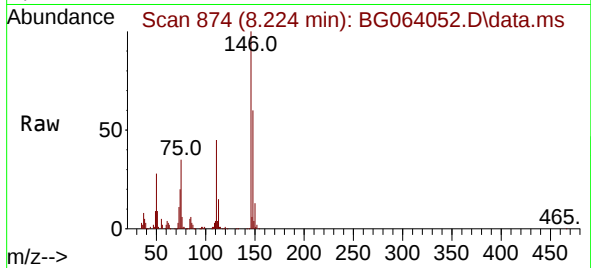
111 46.8 35.1 52.7





#14
1,2-Dichlorobenzene
Concen: 80.201 ng
RT: 8.224 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

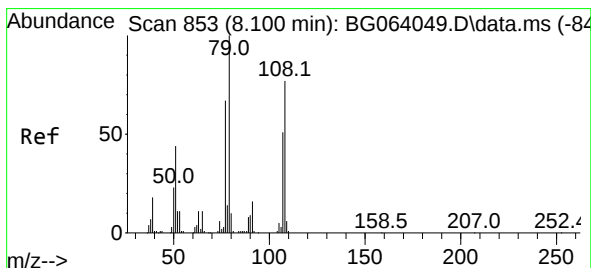
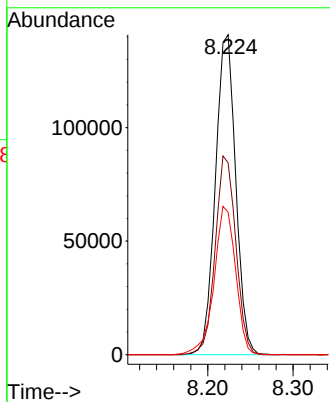
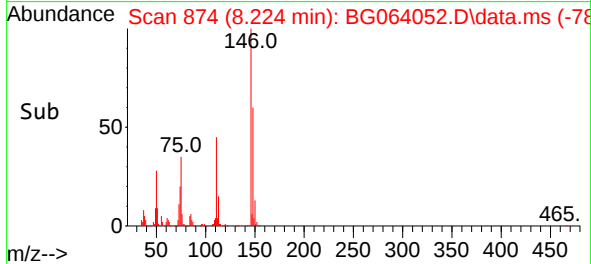
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:146 Resp: 233348
Ion Ratio Lower Upper
146 100
148 60.0 50.2 75.2
111 44.5 36.4 54.6

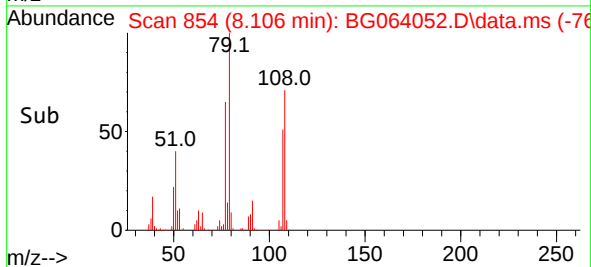
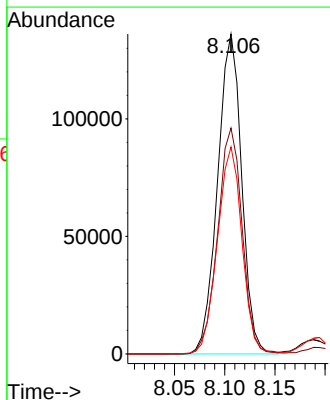
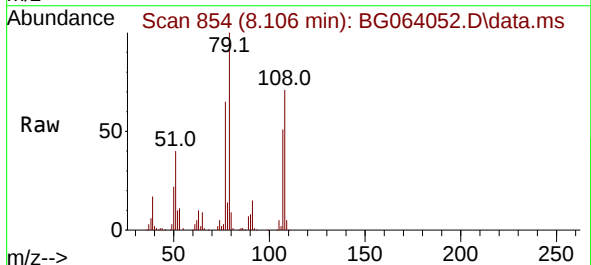
Manual Integrations
APPROVED

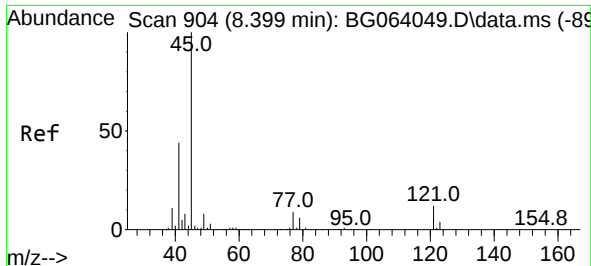
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#15
Benzyl Alcohol
Concen: 86.581 ng
RT: 8.106 min Scan# 854
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

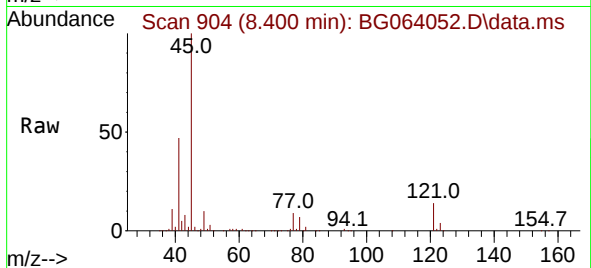
Tgt Ion: 79 Resp: 227176
Ion Ratio Lower Upper
79 100
108 70.6 61.7 92.5
77 64.7 53.9 80.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 81.950 ng
RT: 8.400 min Scan# 904
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

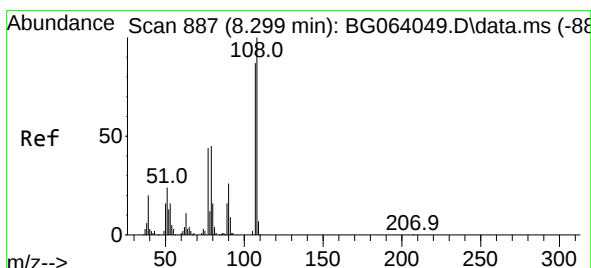
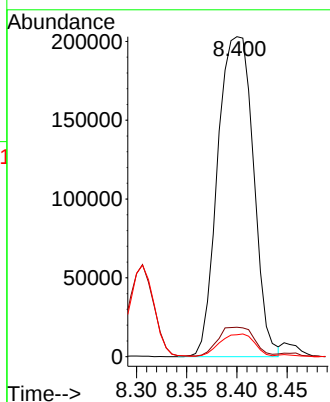
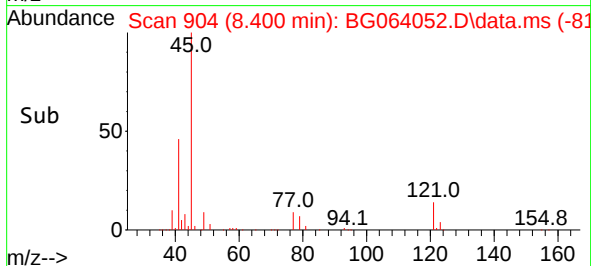
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 502220
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 6.9 0.0 26.6

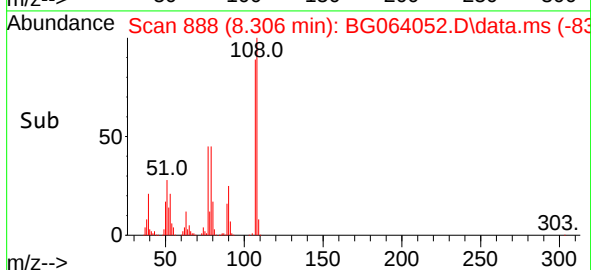
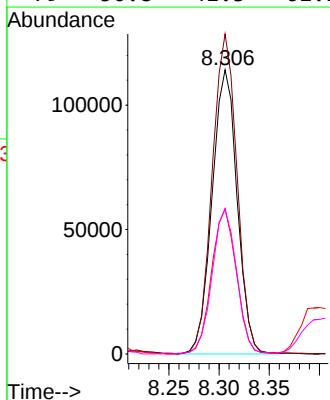
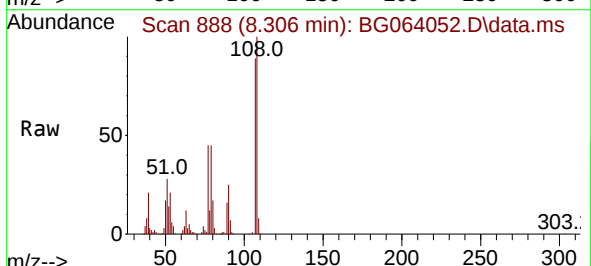
Manual Integrations
APPROVED

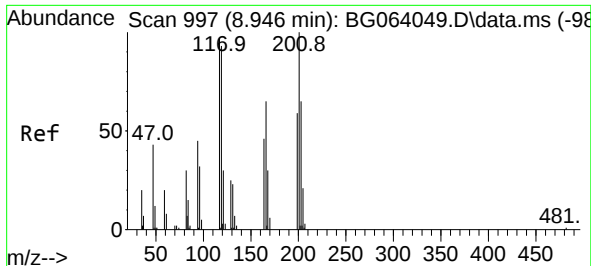
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#17
2-Methylphenol
Concen: 85.886 ng
RT: 8.306 min Scan# 888
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:107 Resp: 198161
Ion Ratio Lower Upper
107 100
108 112.6 92.5 138.7
77 51.2 40.5 60.7
79 50.8 41.3 61.9





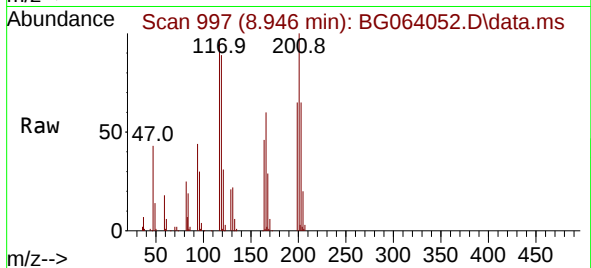
#18
Hexachloroethane
Concen: 85.647 ng
RT: 8.946 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

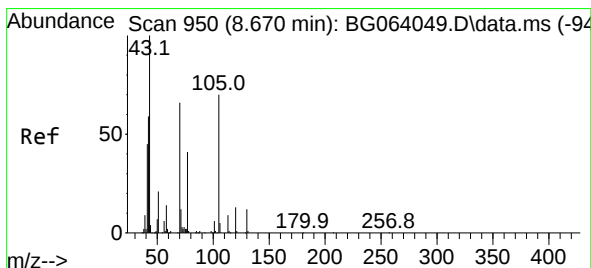
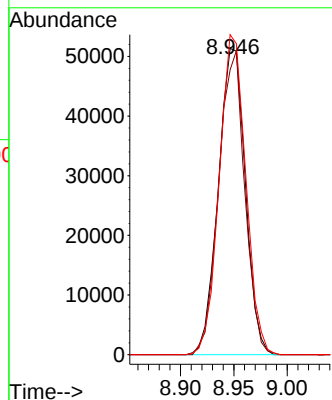
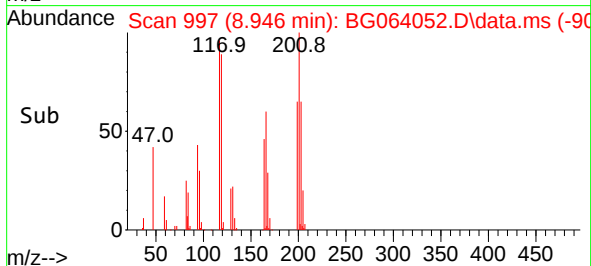


Tgt Ion: 117 Resp: 90410
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.2
201 104.5 81.5 122.3

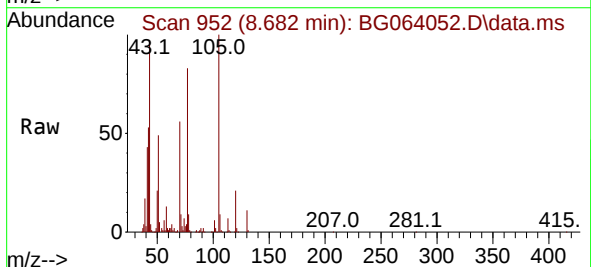
Manual Integrations

APPROVED

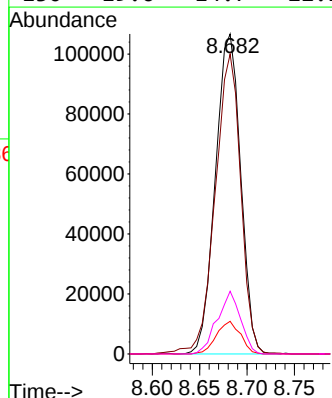
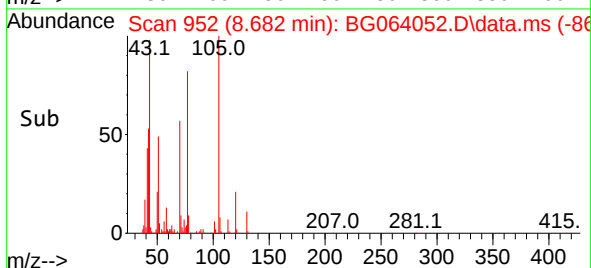
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

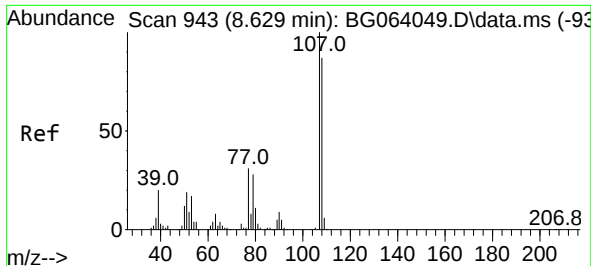


#19
n-Nitroso-di-n-propylamine
Concen: 82.978 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion: 70 Resp: 197732
Ion Ratio Lower Upper
70 100
42 93.7 72.1 108.1
101 10.2 7.2 10.8
130 19.6 14.7 22.1





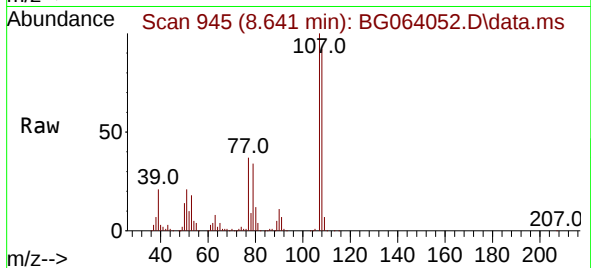
#20
3+4-Methylphenols
Concen: 84.861 ng
RT: 8.641 min Scan# 943
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

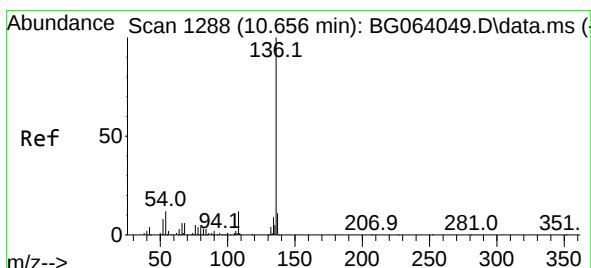
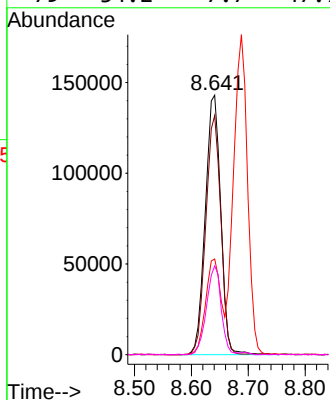
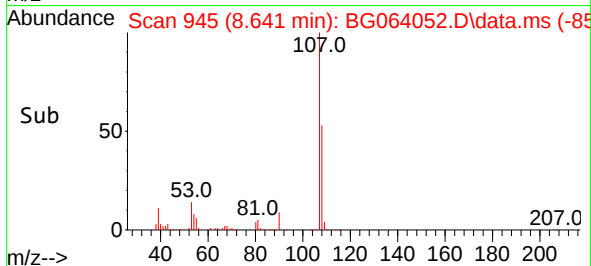


Tgt Ion:107 Resp: 269552
Ion Ratio Lower Upper
107 100
108 92.1 67.0 107.0
77 36.9 11.2 51.2
79 34.2 7.7 47.7

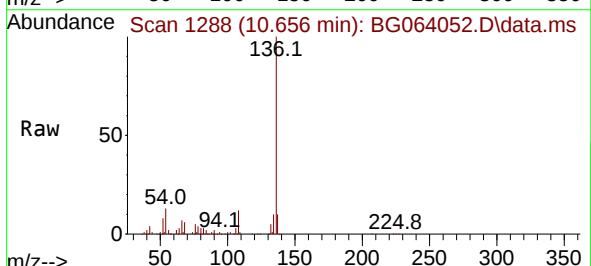
Manual Integrations

APPROVED

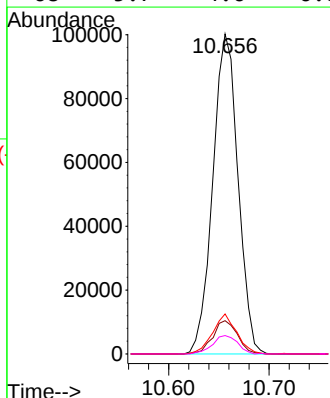
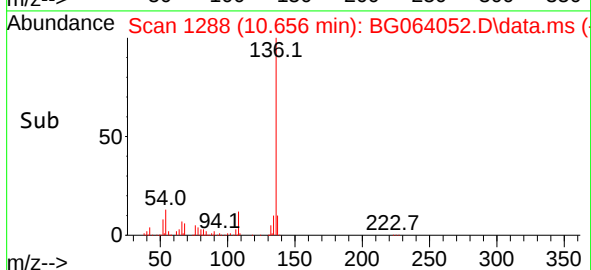
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

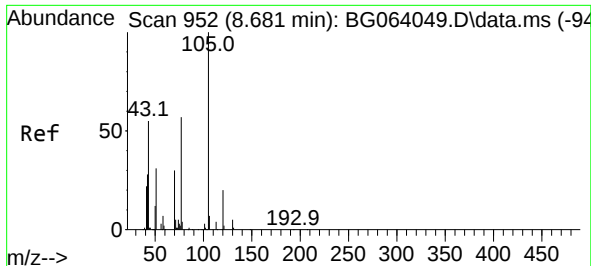


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



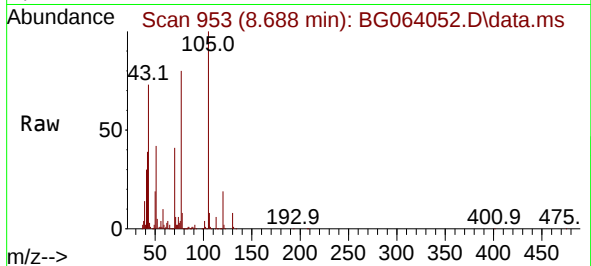
Tgt Ion:136 Resp: 174562
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 12.5 9.9 14.9
68 5.7 4.6 6.8





#22
Acetophenone
Concen: 79.207 ng
RT: 8.688 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

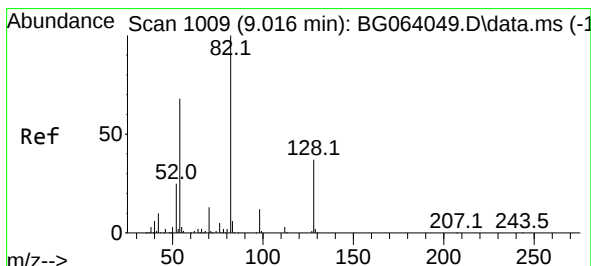
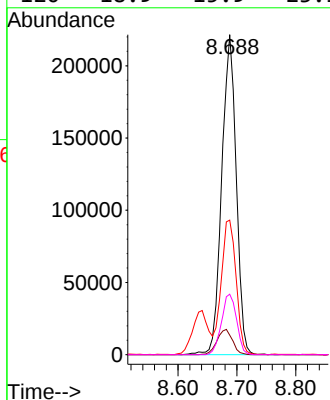
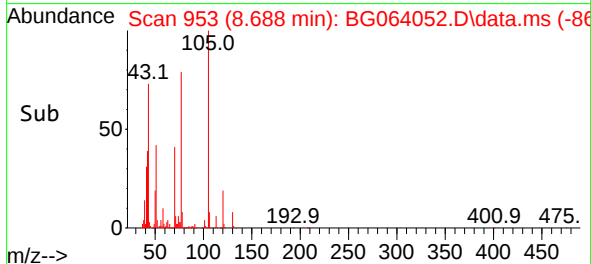
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:105 Resp: 37909
Ion Ratio Lower Upper
105 100
71 6.1 4.2 6.4
51 42.1 33.3 49.9
120 18.9 15.9 23.9

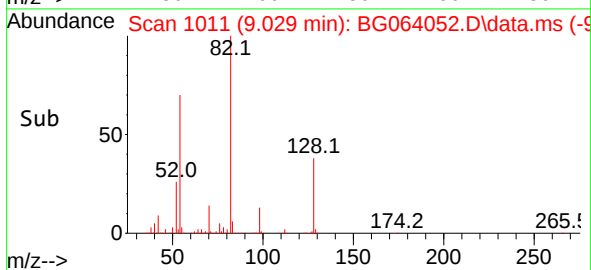
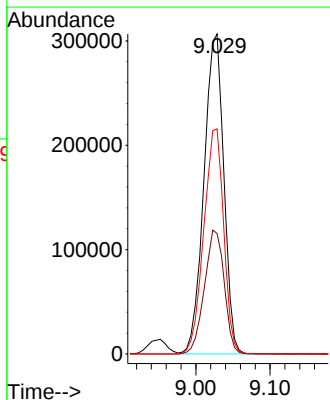
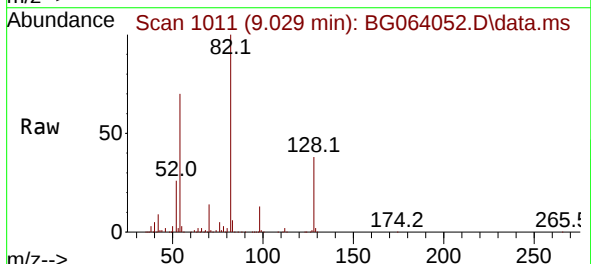
Manual Integrations
APPROVED

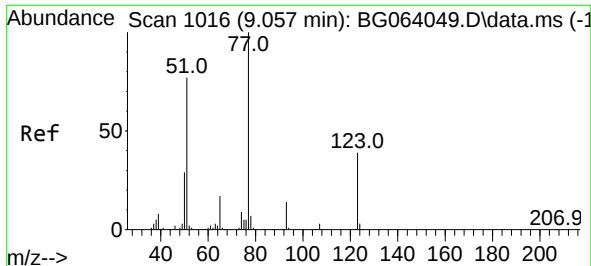
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#23
Nitrobenzene-d5
Concen: 180.687 ng
RT: 9.029 min Scan# 1011
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 82 Resp: 570757
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 70.4 54.7 82.1





#24
Nitrobenzene
Concen: 87.518 ng
RT: 9.064 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

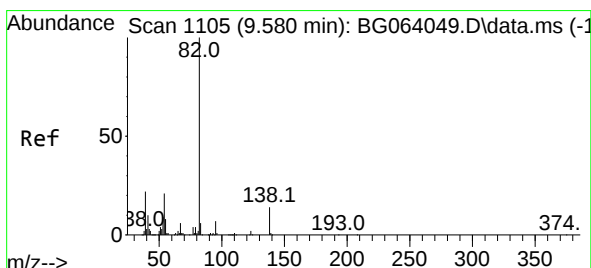
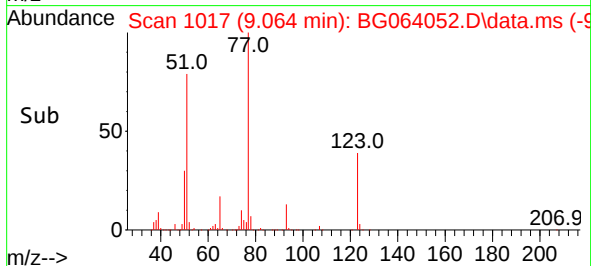
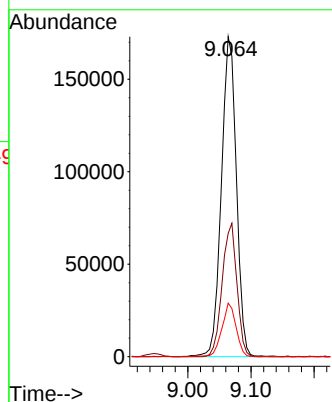
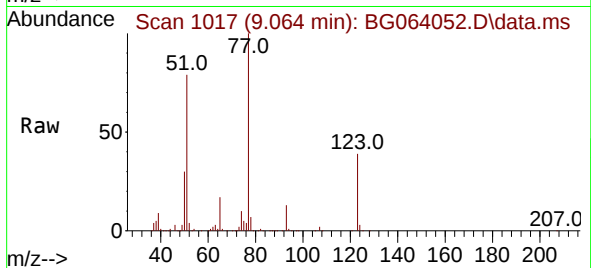
SSTDICC080

Tgt Ion: 77 Resp: 28570
Ion Ratio Lower Upper
77 100
123 38.5 31.4 47.2
65 16.8 13.4 20.0

Manual Integrations

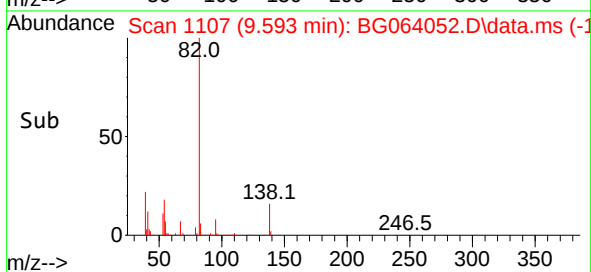
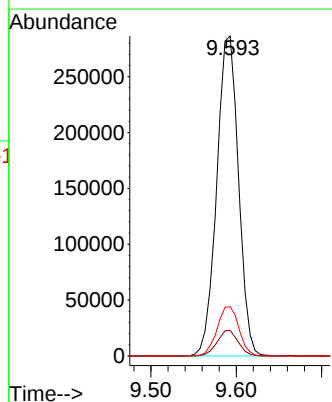
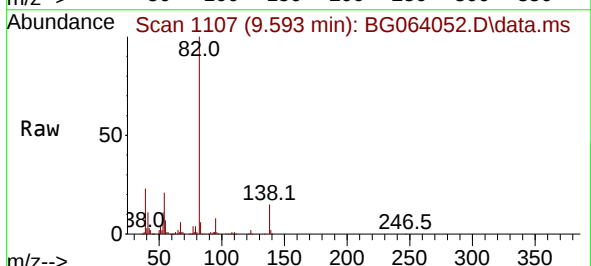
APPROVED

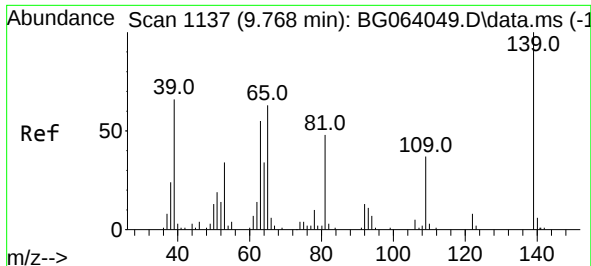
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#25
Isophorone
Concen: 80.266 ng
RT: 9.593 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 82 Resp: 507481
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 15.4 10.9 16.3





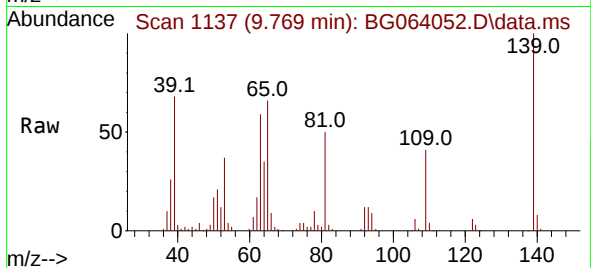
#26
2-Nitrophenol
Concen: 79.399 ng
RT: 9.769 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

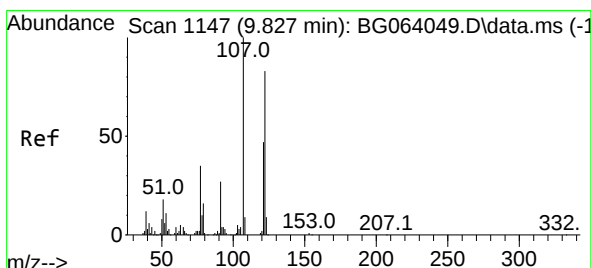
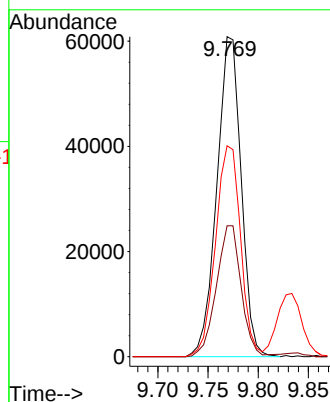
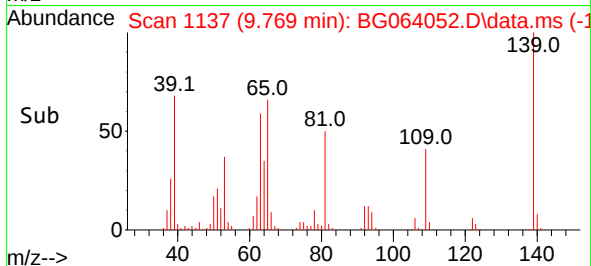


Tgt Ion:139 Resp: 102389
Ion Ratio Lower Upper
139 100
109 40.9 29.9 44.9
65 65.9 50.6 76.0

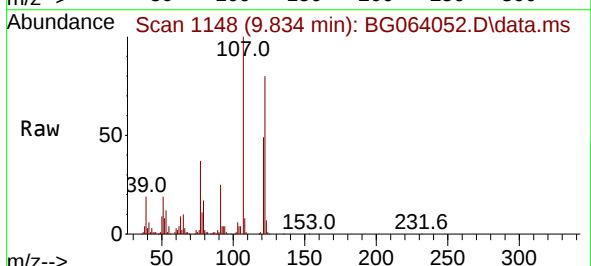
Manual Integrations

APPROVED

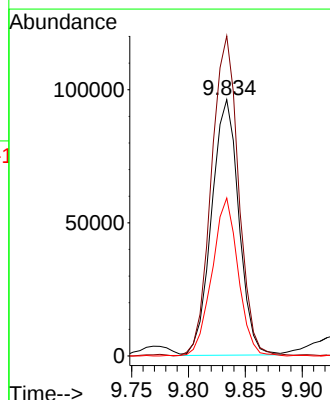
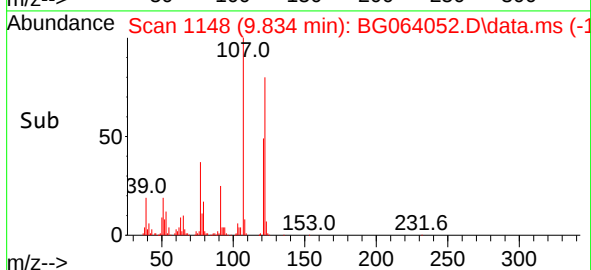
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

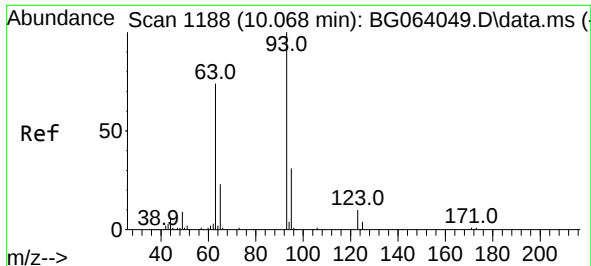


#27
2,4-Dimethylphenol
Concen: 84.413 ng
RT: 9.834 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:122 Resp: 159995
Ion Ratio Lower Upper
122 100
107 124.9 95.4 143.0
121 61.6 44.9 67.3





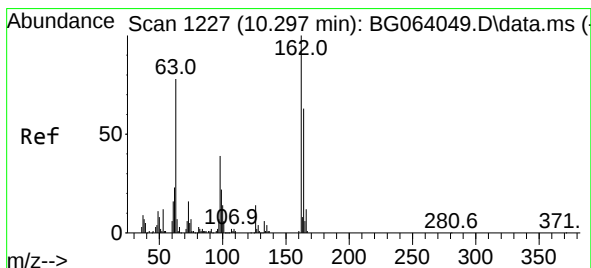
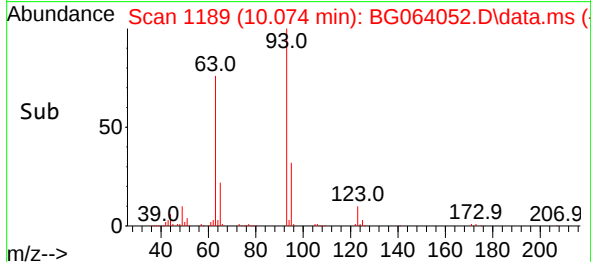
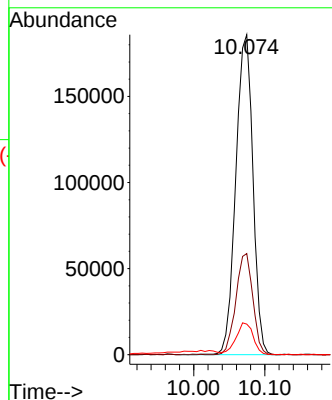
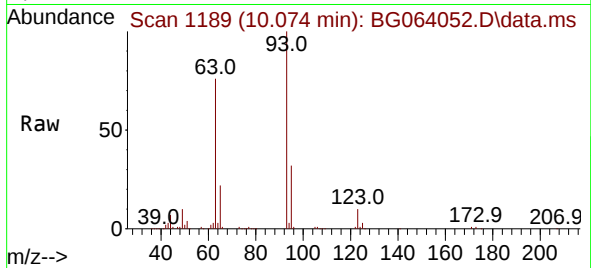
#28
bis(2-Chloroethoxy)methane
Concen: 81.082 ng
RT: 10.074 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 31080
Ion Ratio Lower Upper
93 100
95 31.6 25.0 37.4
123 9.5 7.6 11.4

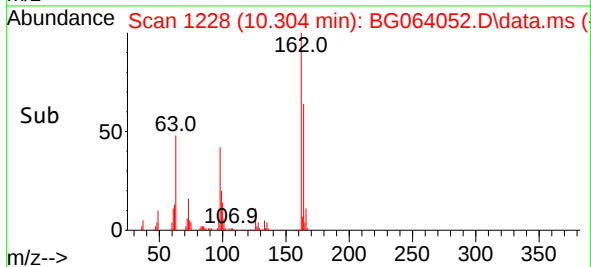
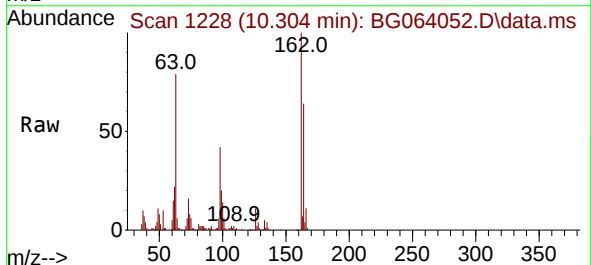
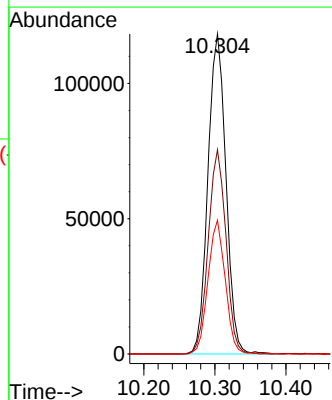
Manual Integrations
APPROVED

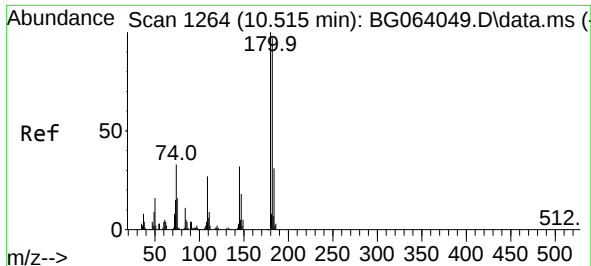
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#29
2,4-Dichlorophenol
Concen: 87.086 ng
RT: 10.304 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

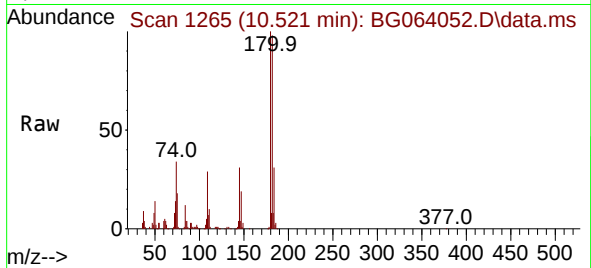
Tgt Ion:162 Resp: 208425
Ion Ratio Lower Upper
162 100
164 63.8 42.8 82.8
98 41.8 19.1 59.1





#30
1,2,4-Trichlorobenzene
Concen: 80.151 ng
RT: 10.521 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

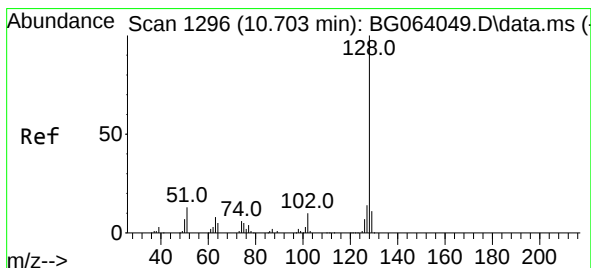
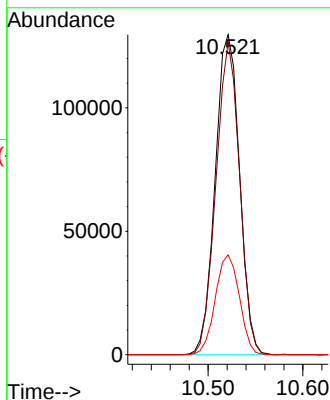
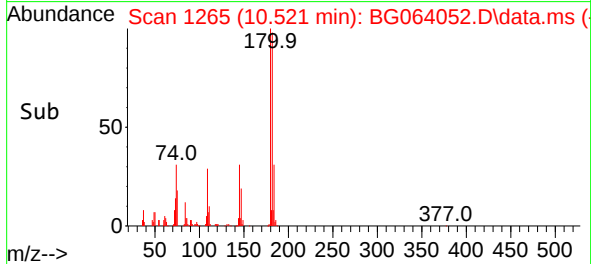
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 231572
Ion Ratio Lower Upper
180 100
182 97.7 77.3 115.9
145 31.2 25.2 37.8

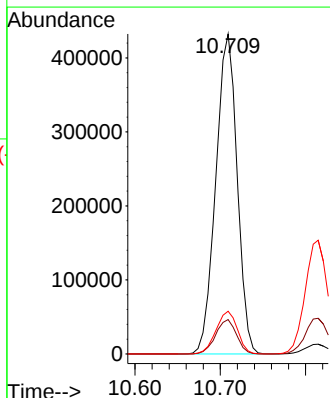
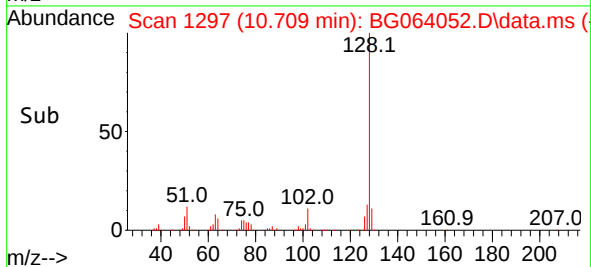
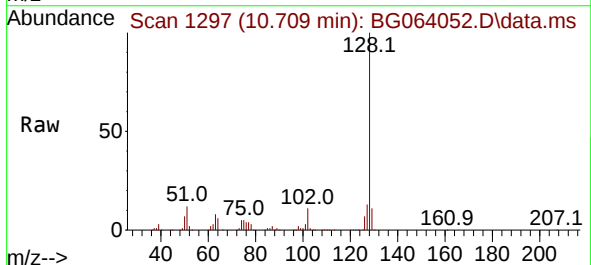
Manual Integrations
APPROVED

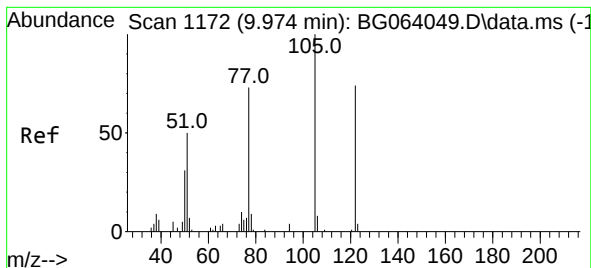
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#31
Naphthalene
Concen: 79.925 ng
RT: 10.709 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:128 Resp: 752327
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.3 11.1 16.7





#32

Benzoic acid

Concen: 81.016 ng m

RT: 10.022 min Scan# 1172

Delta R.T. 0.048 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 153530

Ion Ratio Lower Upper

122 100

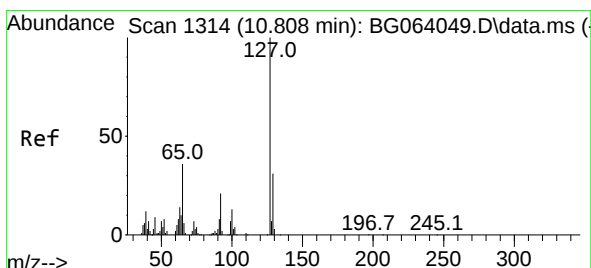
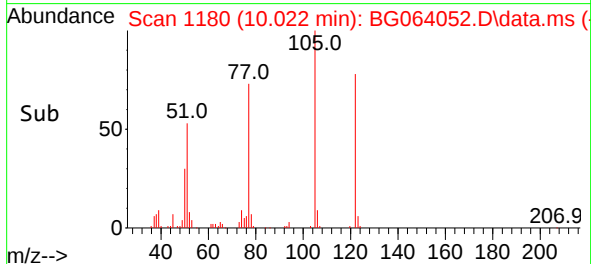
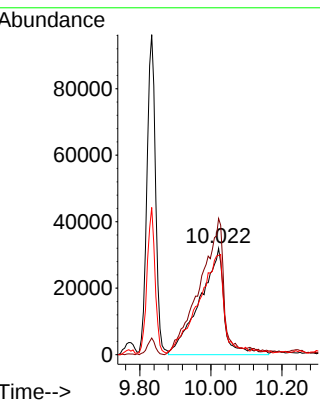
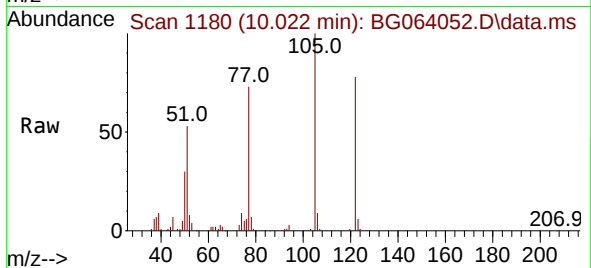
105 128.1 115.0 155.0

77 93.5 80.9 120.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#33

4-Chloroaniline

Concen: 81.948 ng

RT: 10.815 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Tgt Ion:127 Resp: 281930

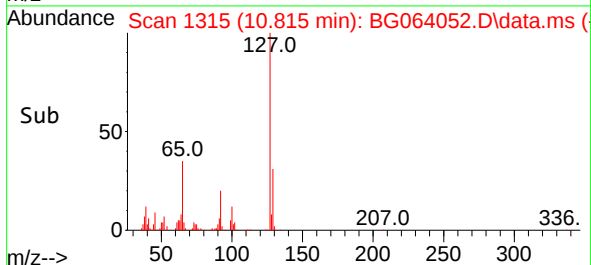
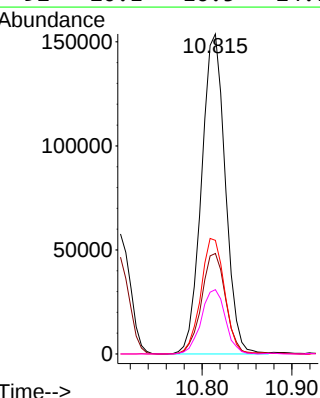
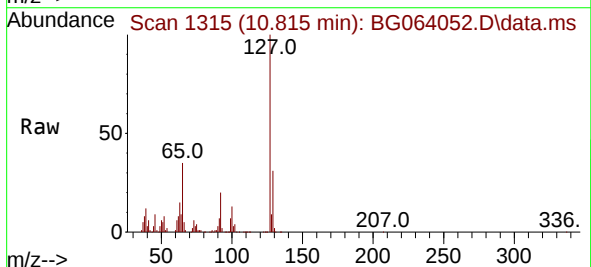
Ion Ratio Lower Upper

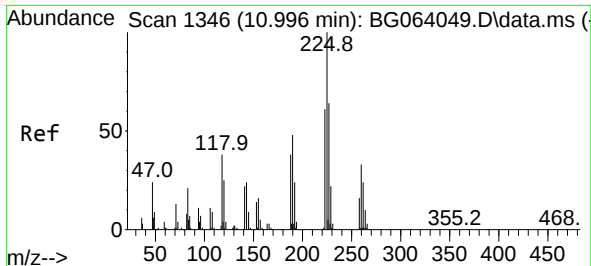
127 100

129 31.4 25.0 37.4

65 35.5 28.5 42.7

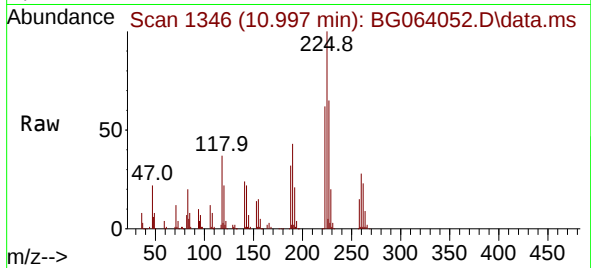
92 20.1 16.5 24.7





#34
Hexachlorobutadiene
Concen: 80.341 ng
RT: 10.997 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

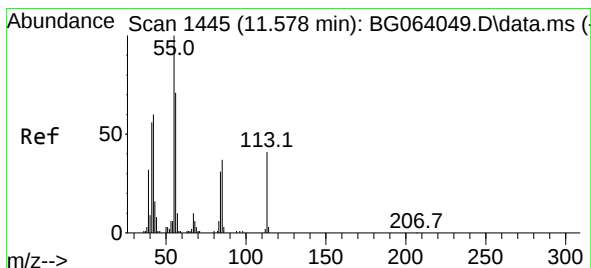
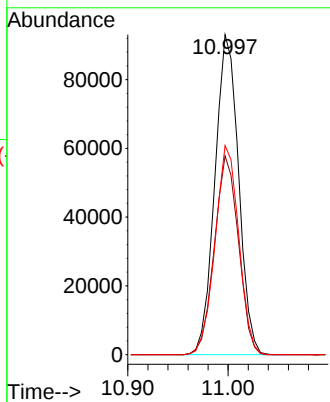
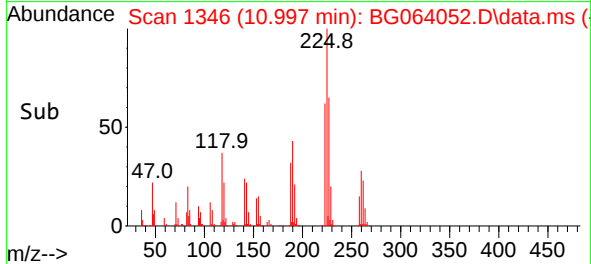
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 152140
Ion Ratio Lower Upper
225 100
223 62.1 48.5 72.7
227 65.4 51.0 76.6

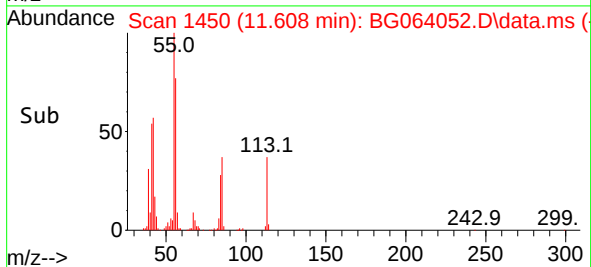
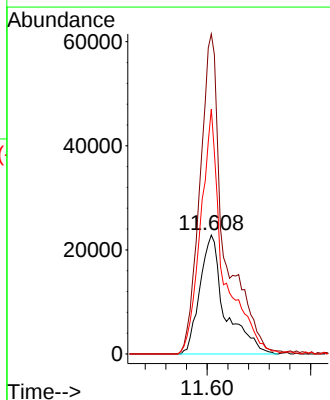
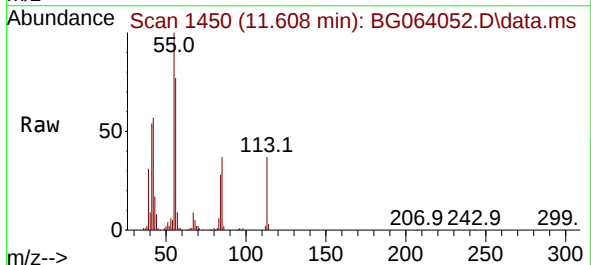
Manual Integrations
APPROVED

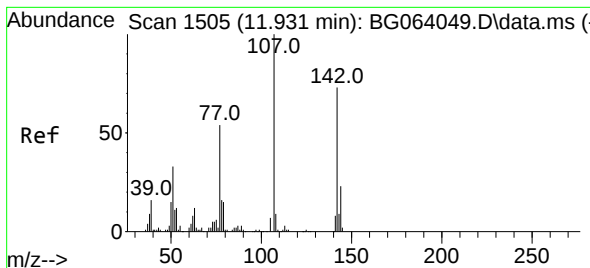
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#35
Caprolactam
Concen: 84.477 ng
RT: 11.608 min Scan# 1450
Delta R.T. 0.030 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

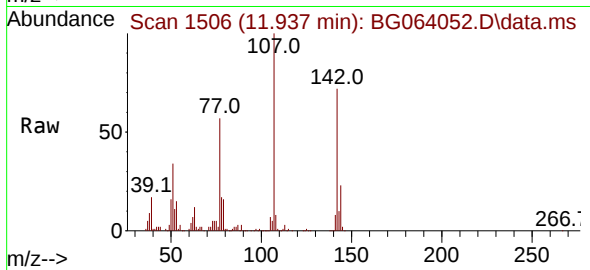
Tgt Ion:113 Resp: 77479
Ion Ratio Lower Upper
113 100
55 269.1 225.2 265.2#
56 206.0 153.4 193.4#





#36
4-Chloro-3-methylphenol
Concen: 83.772 ng
RT: 11.937 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

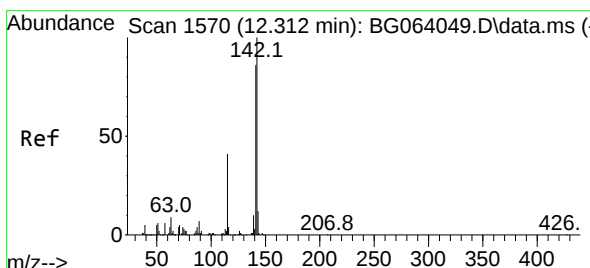
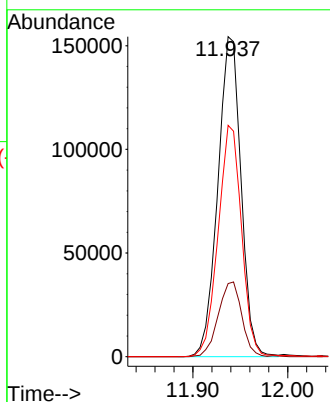
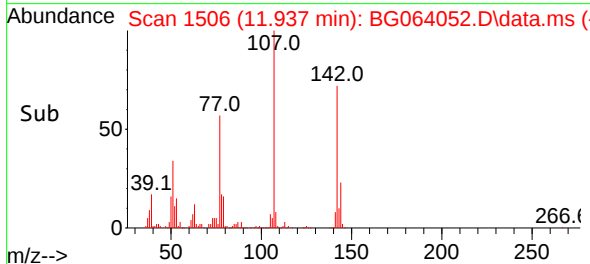
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



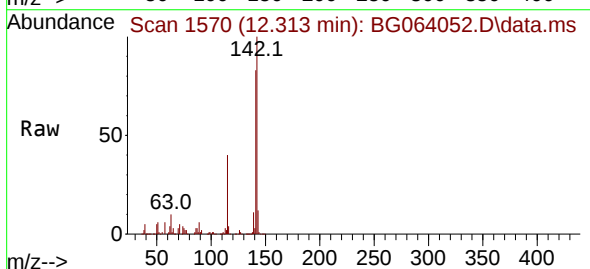
Tgt Ion:107 Resp: 262810
Ion Ratio Lower Upper
107 100
144 22.9 18.6 28.0
142 72.3 58.0 87.0

Manual Integrations
APPROVED

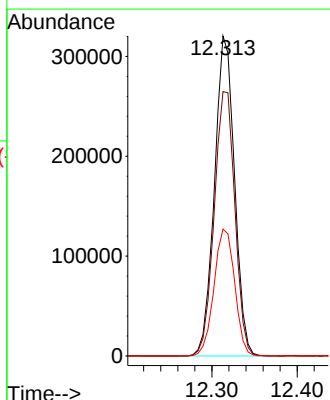
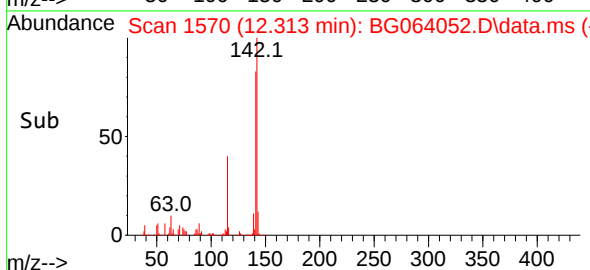
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

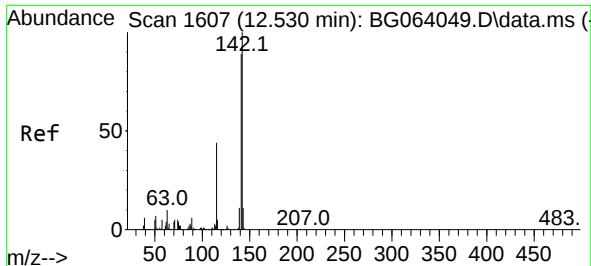


#37
2-Methylnaphthalene
Concen: 78.886 ng
RT: 12.313 min Scan# 1570
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:142 Resp: 524206
Ion Ratio Lower Upper
142 100
141 82.6 68.6 103.0
115 39.7 32.8 49.2





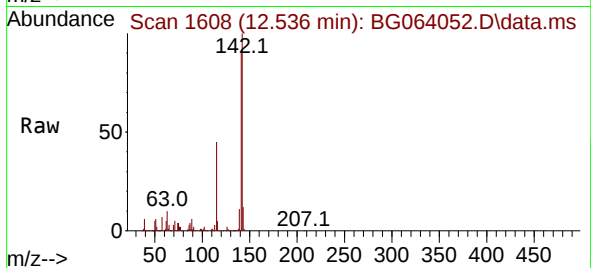
#38
1-Methylnaphthalene
Concen: 78.566 ng
RT: 12.536 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

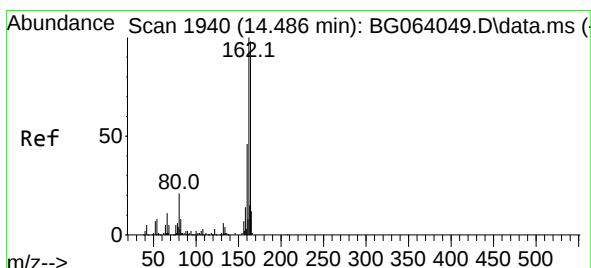
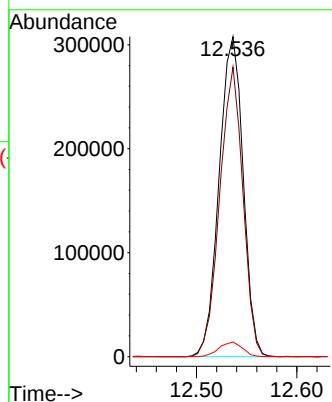
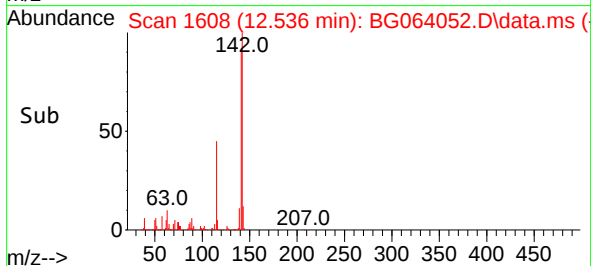


Tgt Ion:142 Resp: 51148
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
116 4.6 3.6 5.4

Manual Integrations

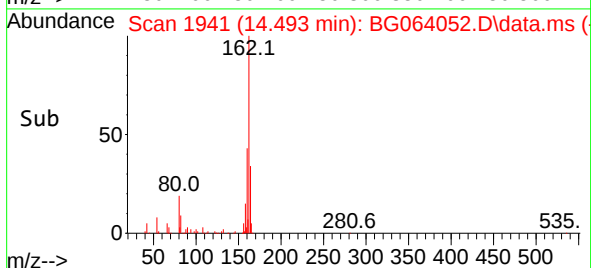
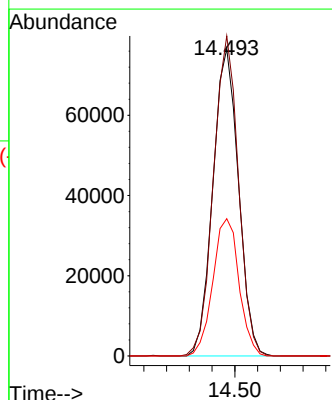
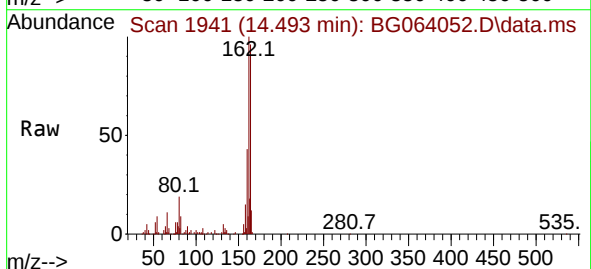
APPROVED

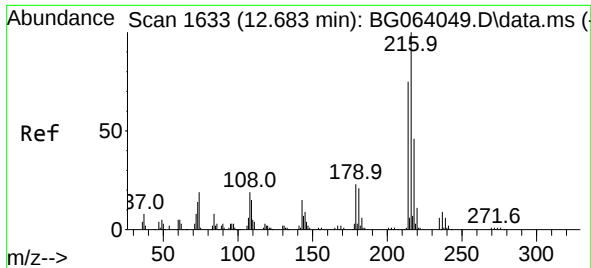
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

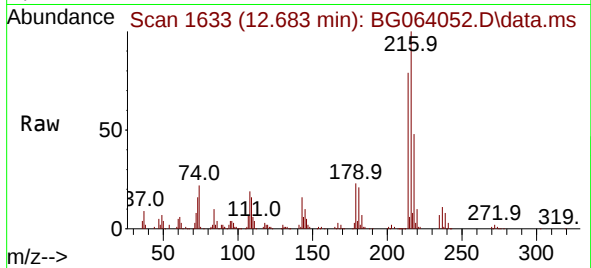
Tgt Ion:164 Resp: 119753
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 44.7 37.0 55.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.289 ng
RT: 12.683 min Scan# 1633
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

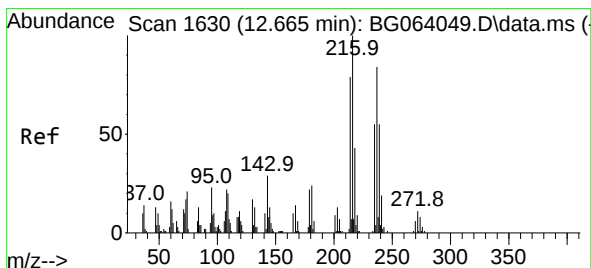
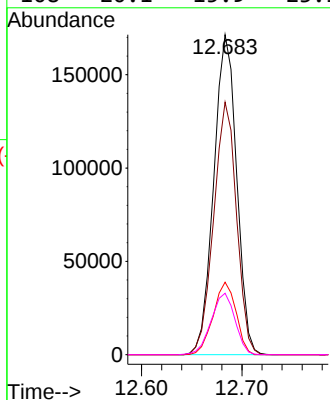
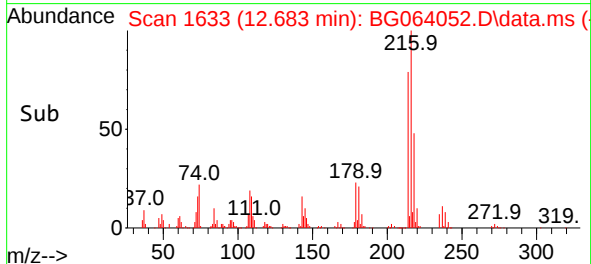
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



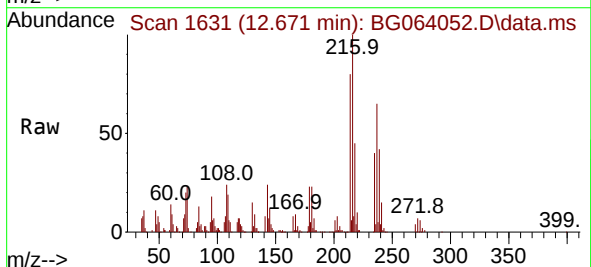
Tgt Ion:216 Resp: 271079
Ion Ratio Lower Upper
216 100
214 78.7 61.7 92.5
179 22.6 17.9 26.9
108 20.1 15.9 23.9

Manual Integrations
APPROVED

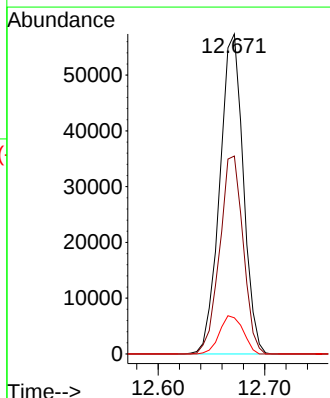
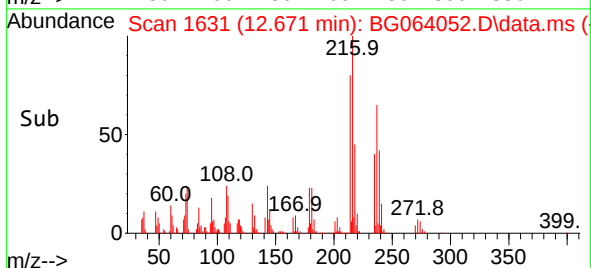
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

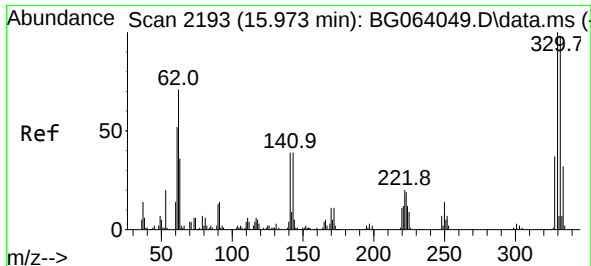


#41
Hexachlorocyclopentadiene
Concen: 91.141 ng
RT: 12.671 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:237 Resp: 87700
Ion Ratio Lower Upper
237 100
235 61.8 46.0 86.0
272 11.3 0.0 32.8





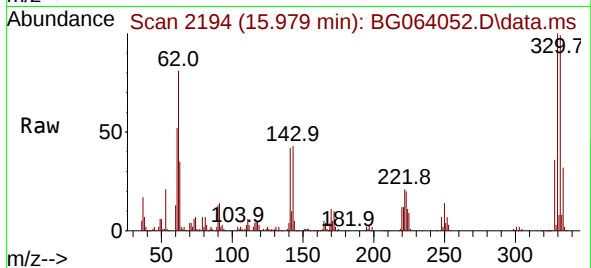
#42
2,4,6-Tribromophenol
Concen: 173.228 ng
RT: 15.979 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

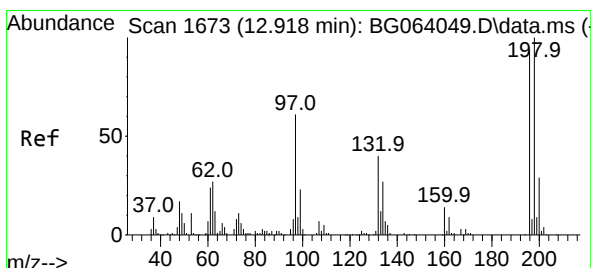
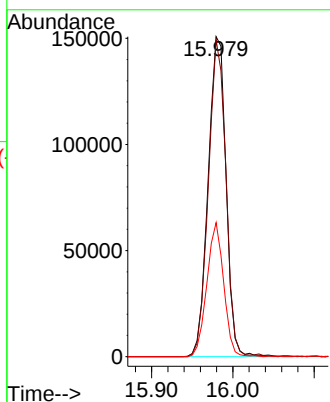
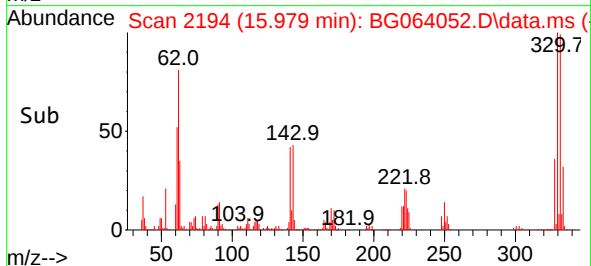


Tgt Ion:330 Resp: 230590
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 39.4 29.7 44.5

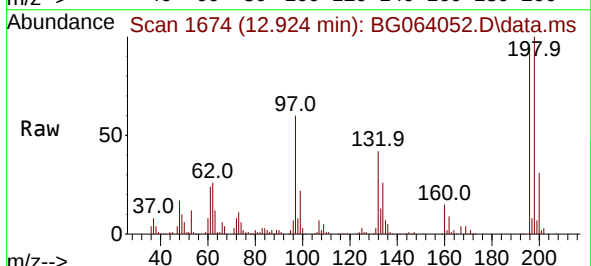
Manual Integrations

APPROVED

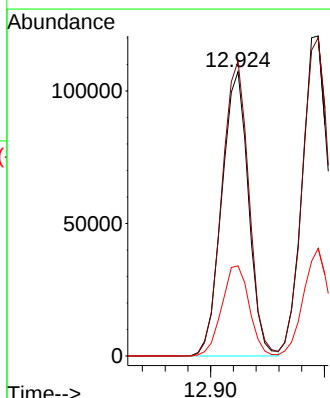
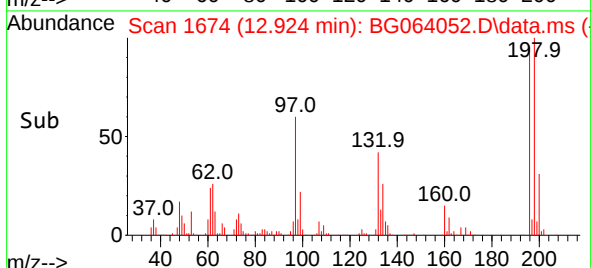
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

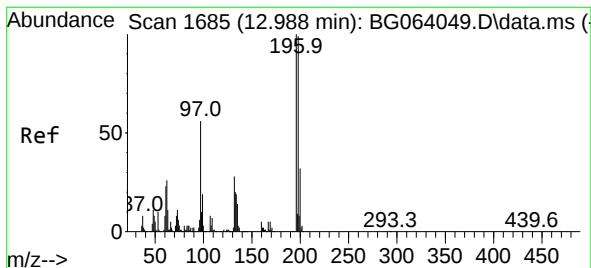


#43
2,4,6-Trichlorophenol
Concen: 86.966 ng
RT: 12.924 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:196 Resp: 175233
Ion Ratio Lower Upper
196 100
198 103.7 85.6 128.4
200 31.7 24.6 37.0





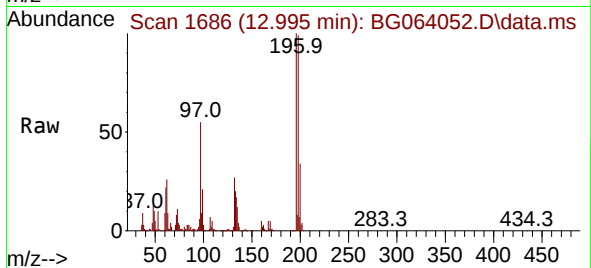
#44
2,4,5-Trichlorophenol
Concen: 88.360 ng
RT: 12.995 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

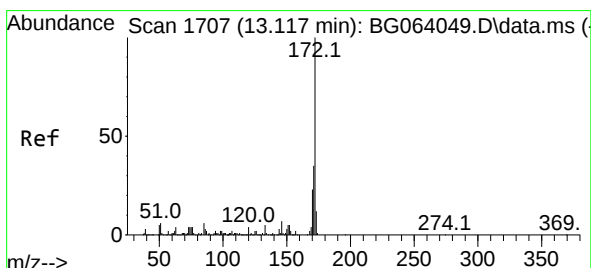
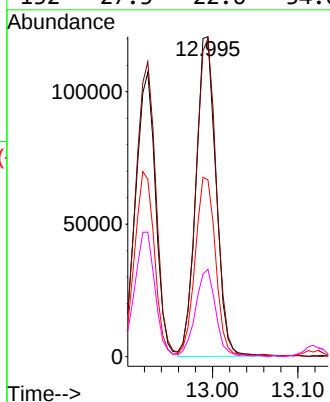
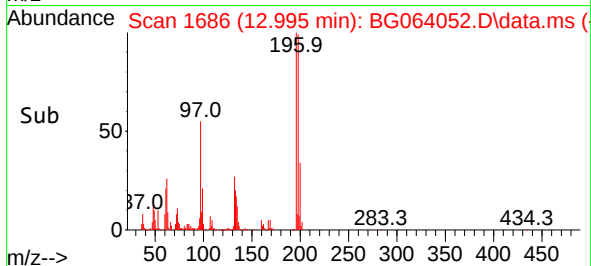


Tgt Ion:196 Resp: 19783
Ion Ratio Lower Upper
196 100
198 99.5 79.5 119.3
97 55.3 45.2 67.8
132 27.3 22.6 34.0

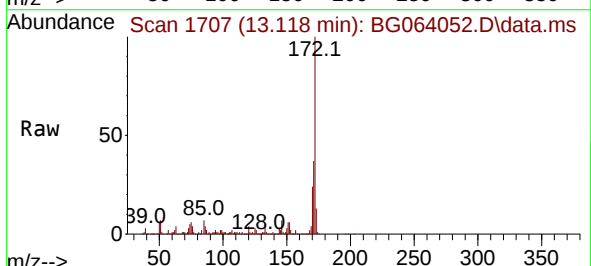
Manual Integrations

APPROVED

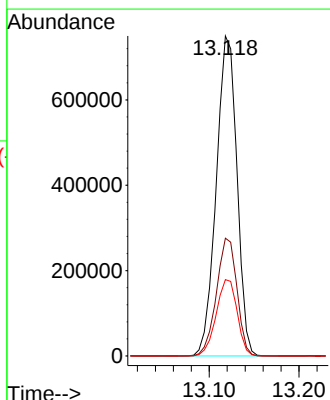
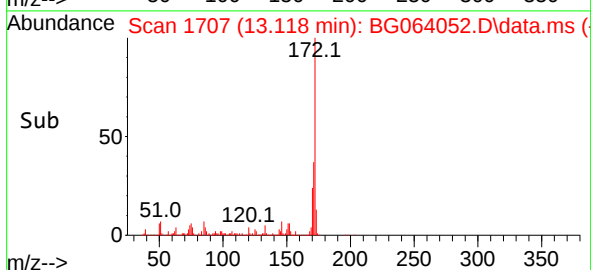
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

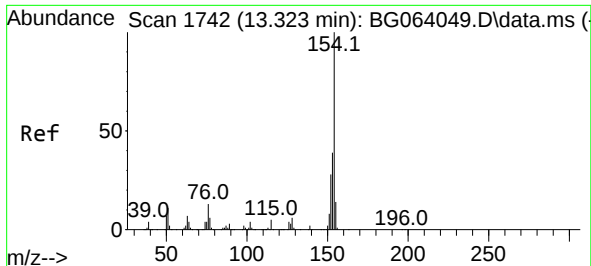


#45
2-Fluorobiphenyl
Concen: 151.908 ng
RT: 13.118 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



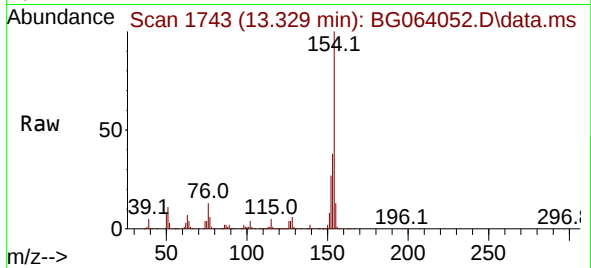
Tgt Ion:172 Resp: 1198476
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 23.9 18.7 28.1





#46
1,1'-Biphenyl
Concen: 78.106 ng
RT: 13.329 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

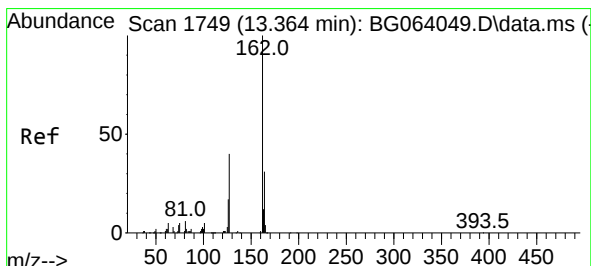
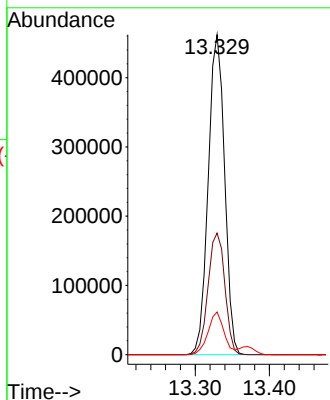
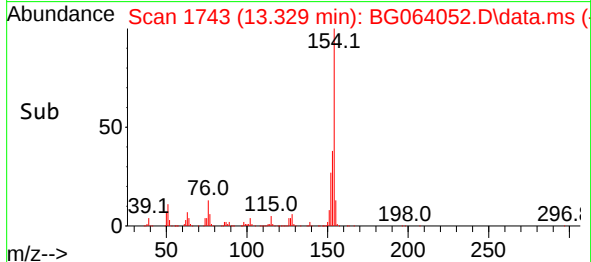
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



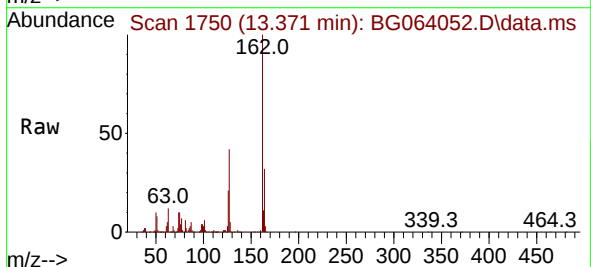
Tgt Ion:154 Resp: 706650
Ion Ratio Lower Upper
154 100
153 38.0 19.5 59.5
76 13.3 0.0 33.5

Manual Integrations
APPROVED

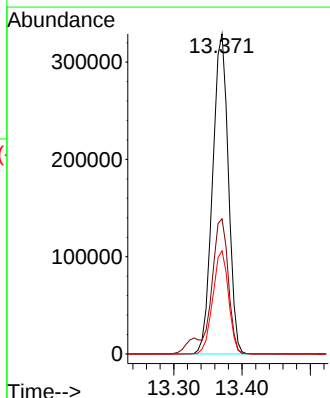
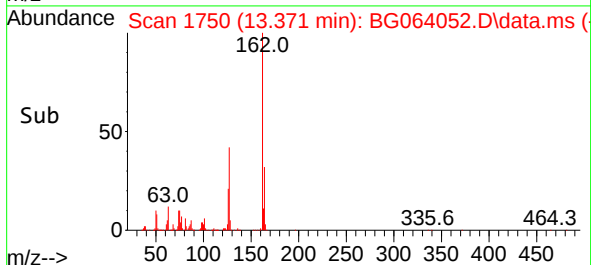
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

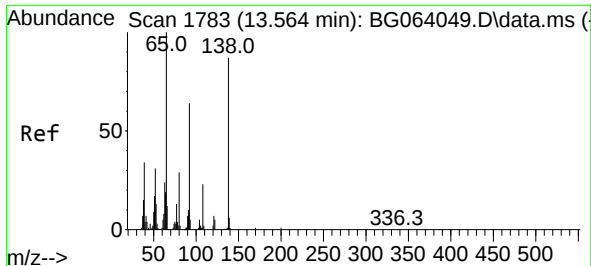


#47
2-Chloronaphthalene
Concen: 80.099 ng
RT: 13.371 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:162 Resp: 528541
Ion Ratio Lower Upper
162 100
127 42.2 35.0 52.4
164 32.3 25.0 37.6





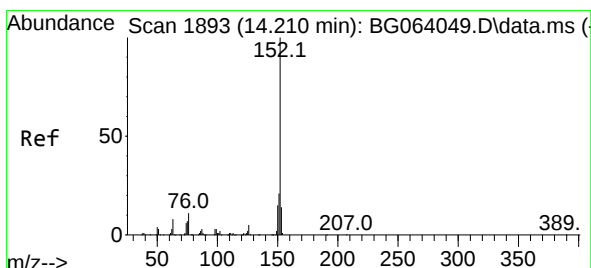
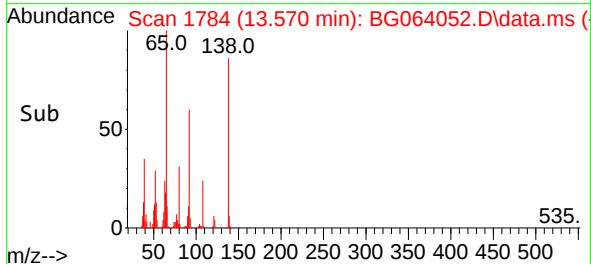
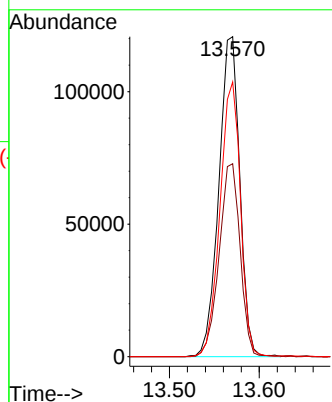
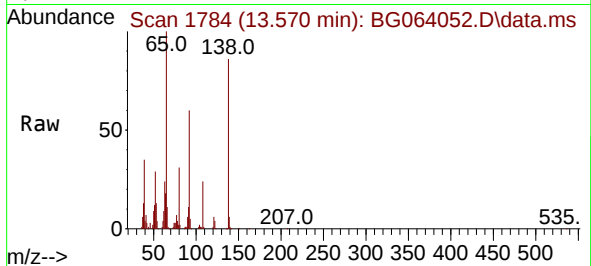
#48
2-Nitroaniline
Concen: 79.407 ng
RT: 13.570 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 19536
Ion Ratio Lower Upper
65 100
92 60.3 51.2 76.8
138 85.9 69.4 104.2

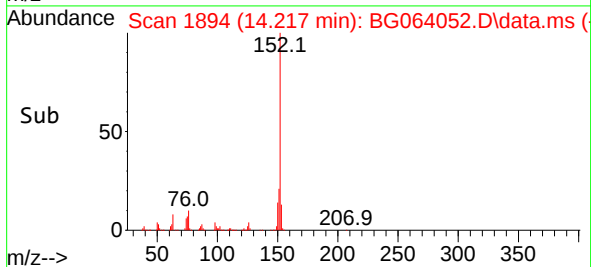
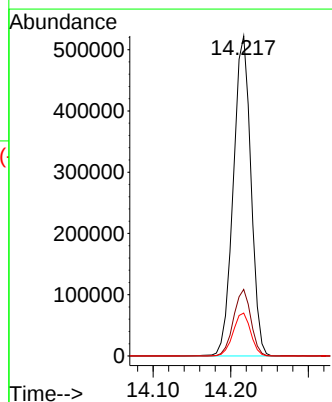
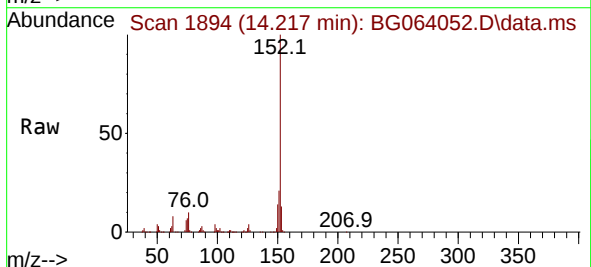
Manual Integrations
APPROVED

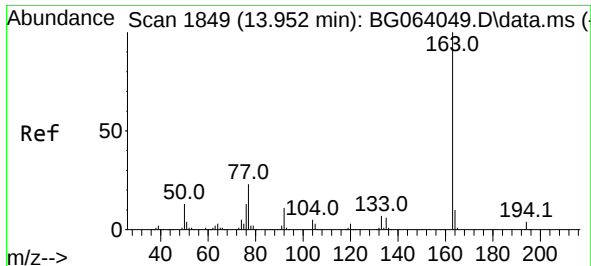
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#49
Acenaphthylene
Concen: 78.787 ng
RT: 14.217 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:152 Resp: 822307
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.4 10.9 16.3





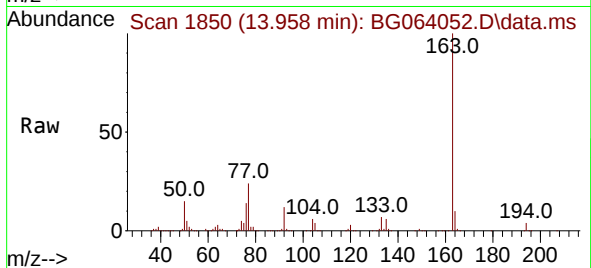
#50
Dimethylphthalate
Concen: 78.689 ng
RT: 13.958 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

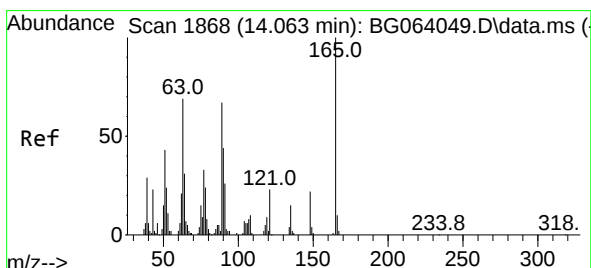
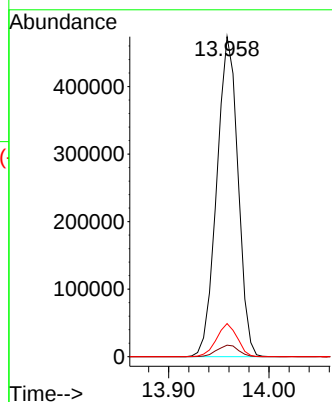
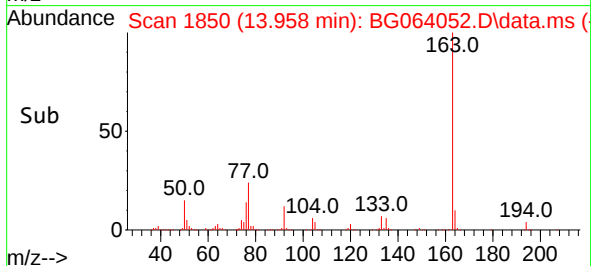


Tgt Ion:163 Resp: 695598
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.4 8.2 12.2

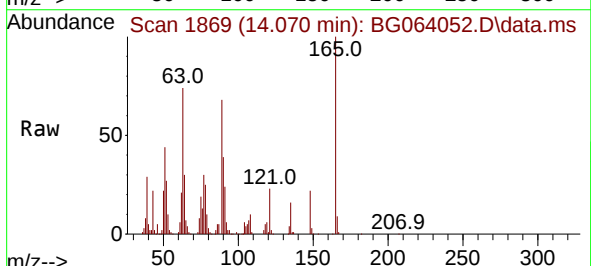
Manual Integrations

APPROVED

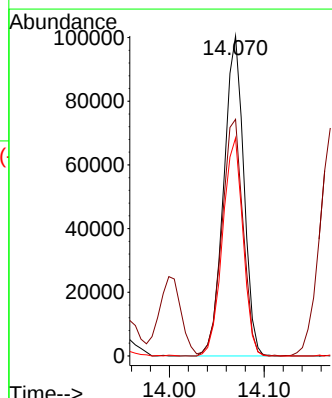
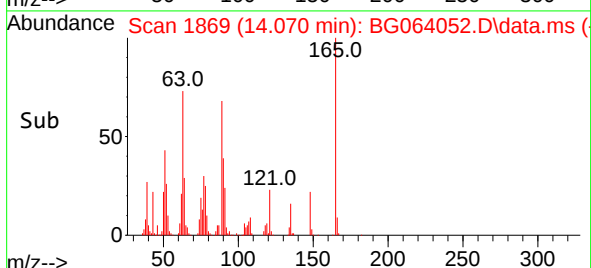
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

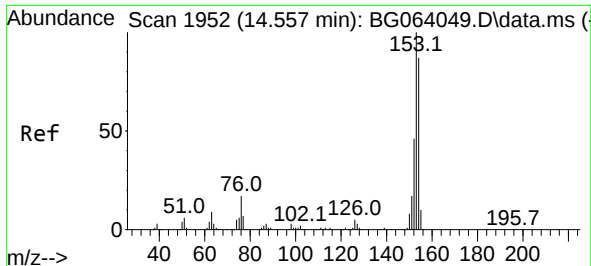


#51
2,6-Dinitrotoluene
Concen: 79.965 ng
RT: 14.070 min Scan# 1869
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



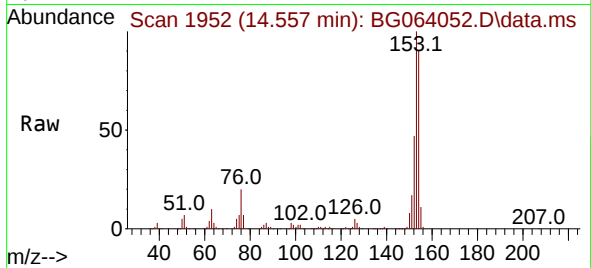
Tgt Ion:165 Resp: 147719
Ion Ratio Lower Upper
165 100
63 74.0 56.7 85.1
89 68.1 53.7 80.5





#52
Acenaphthene
Concen: 76.999 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

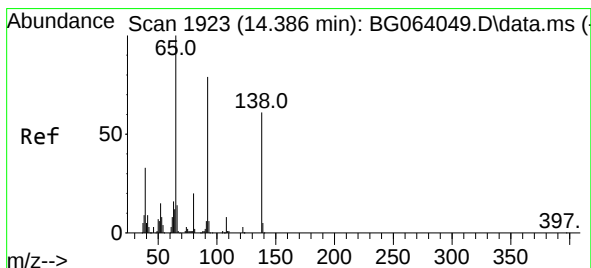
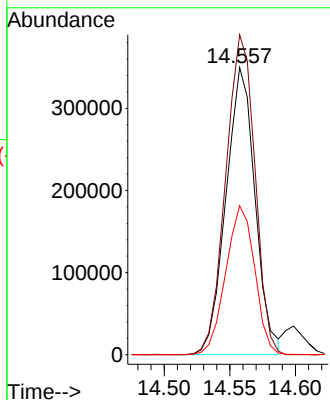
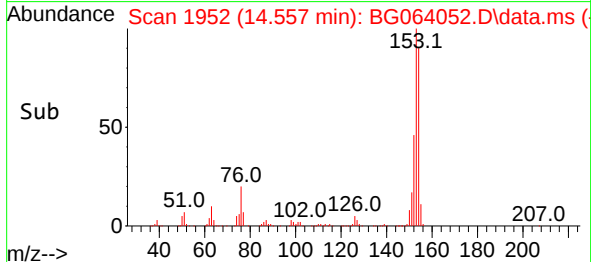
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



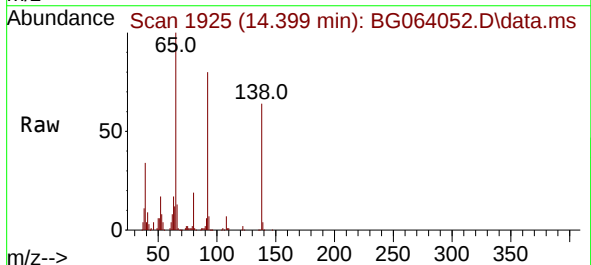
Tgt Ion:154 Resp: 540444
Ion Ratio Lower Upper
154 100
153 111.4 91.6 137.4
152 51.9 42.5 63.7

Manual Integrations
APPROVED

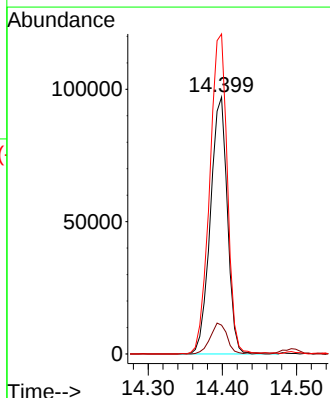
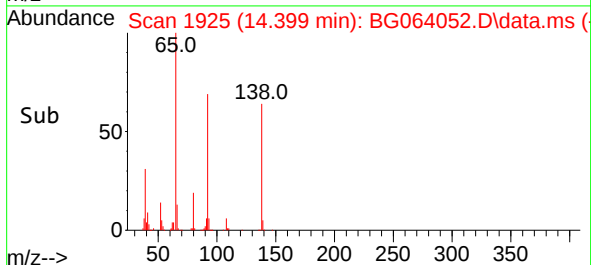
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

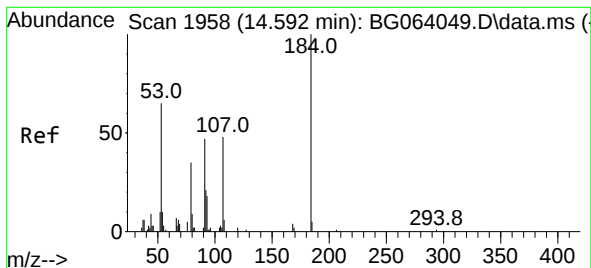


#53
3-Nitroaniline
Concen: 90.561 ng
RT: 14.399 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:138 Resp: 154723
Ion Ratio Lower Upper
138 100
108 11.2 10.1 15.1
92 124.6 104.1 156.1





#54
2,4-Dinitrophenol
Concen: 82.400 ng
RT: 14.599 min Scan# 1959
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

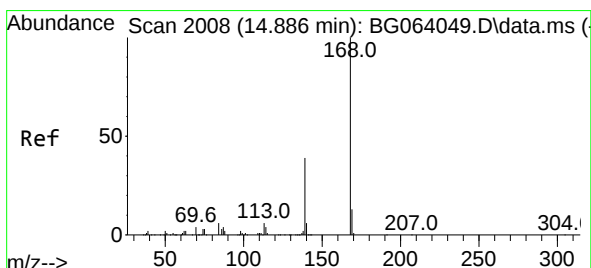
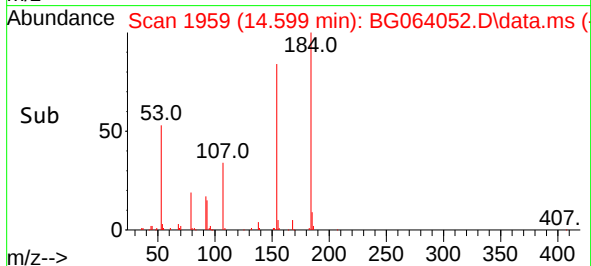
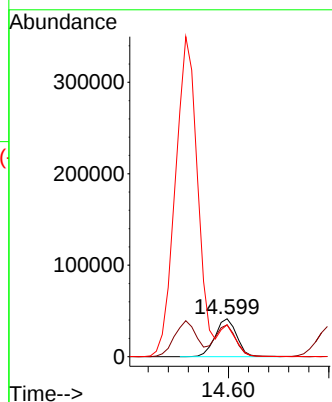
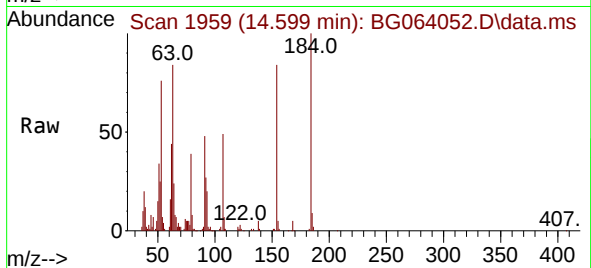
SSTDICC080

Tgt Ion:184 Resp: 61800
Ion Ratio Lower Upper
184 100
63 84.0 57.5 86.3
154 83.9 52.3 78.5

Manual Integrations

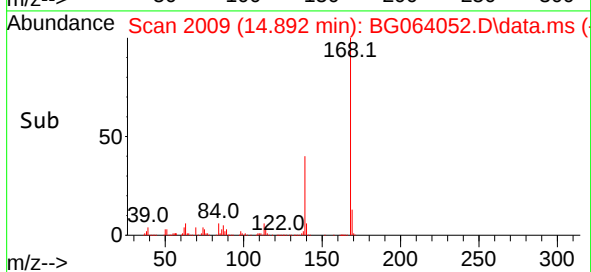
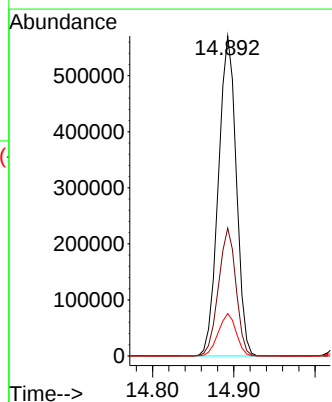
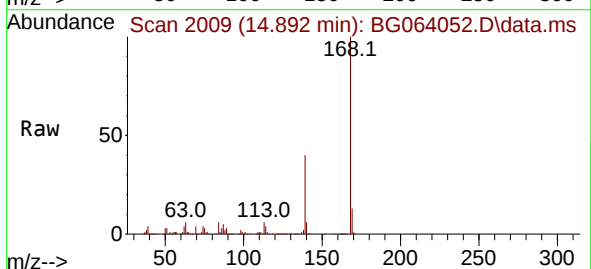
APPROVED

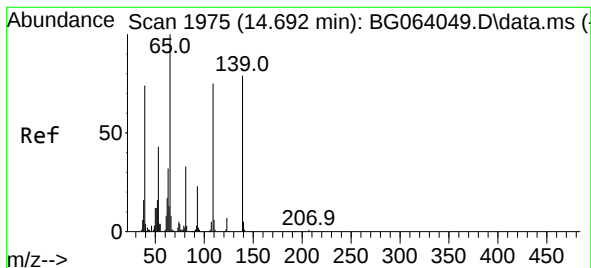
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#55
Dibenzofuran
Concen: 77.066 ng
RT: 14.892 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

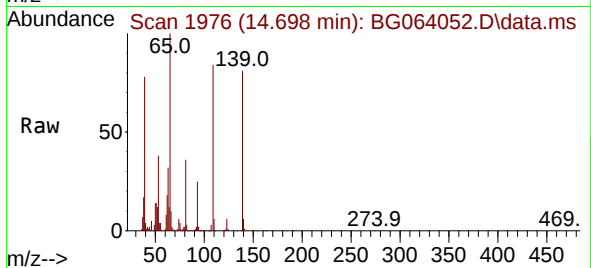
Tgt Ion:168 Resp: 874479
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 13.2 10.5 15.7





#56
4-Nitrophenol
Concen: 88.621 ng
RT: 14.698 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

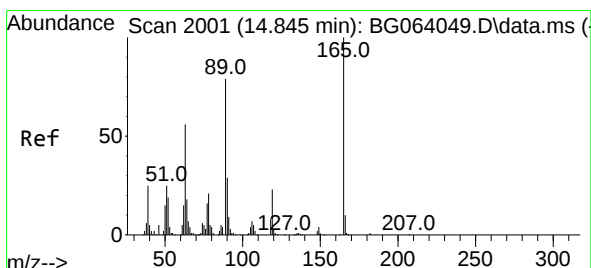
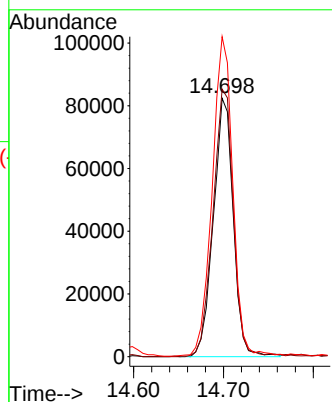
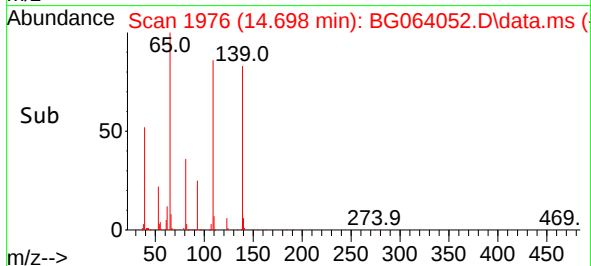
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 12698
Ion Ratio Lower Upper
139 100
109 103.5 74.9 114.9
65 123.8 106.8 146.8

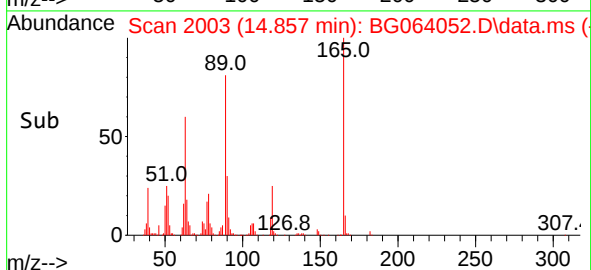
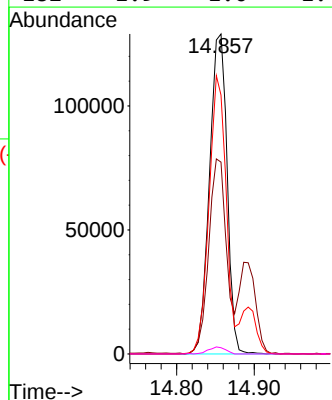
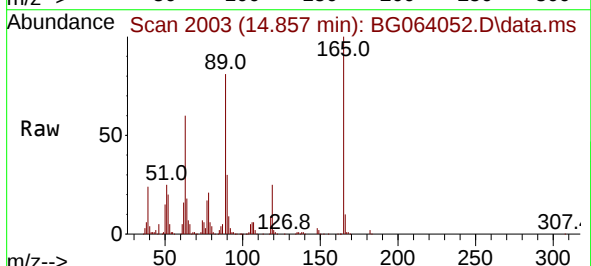
Manual Integrations
APPROVED

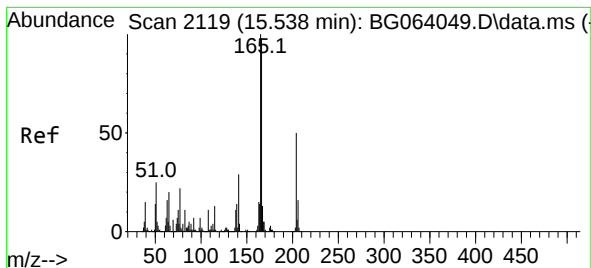
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#57
2,4-Dinitrotoluene
Concen: 79.564 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:165 Resp: 203301
Ion Ratio Lower Upper
165 100
63 60.0 45.0 67.6
89 80.9 63.1 94.7
182 1.9 1.0 1.4#





#58

Fluorene

Concen: 75.593 ng

RT: 15.539 min Scan# 2119

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

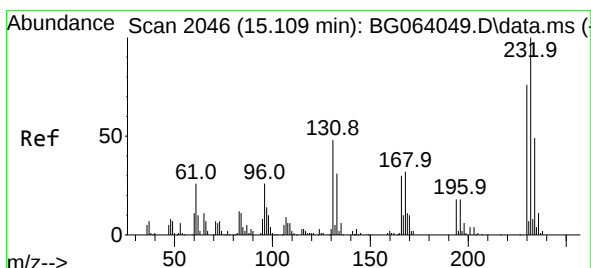
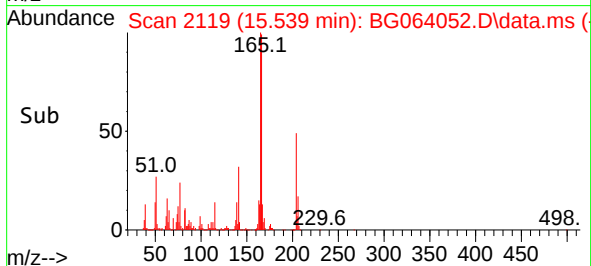
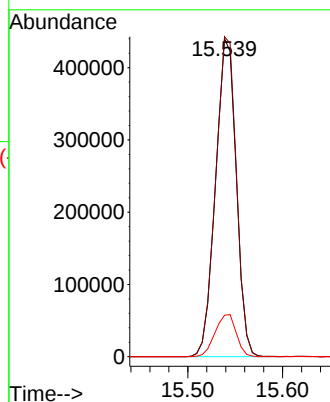
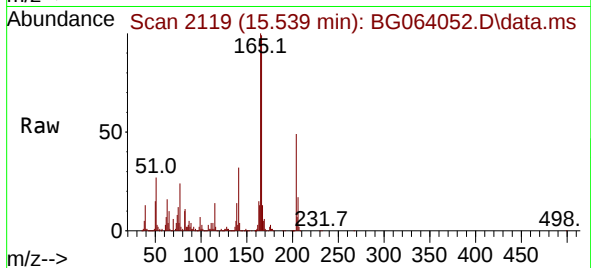
Tgt Ion:166 Resp: 668072

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.8	122.8
167	13.0	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 86.273 ng

RT: 15.116 min Scan# 2047

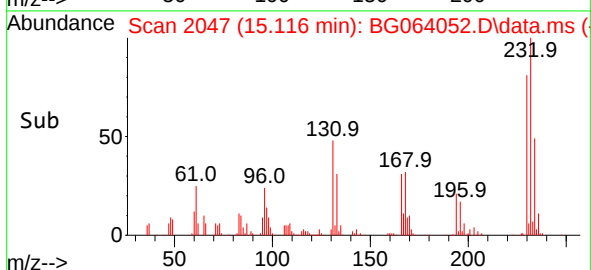
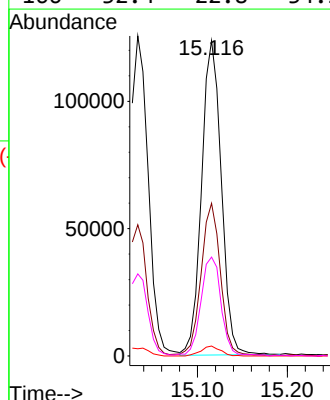
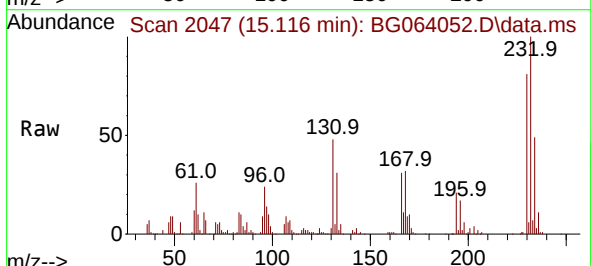
Delta R.T. 0.006 min

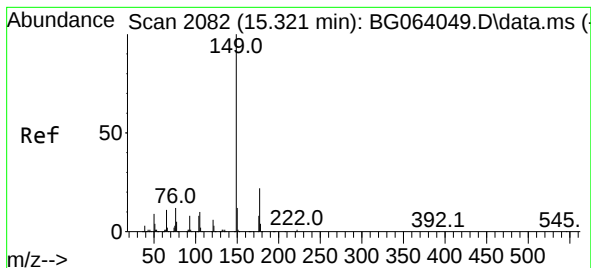
Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Tgt Ion:232 Resp: 188307

Ion	Ratio	Lower	Upper
232	100		
131	47.8	36.3	54.5
130	3.1	1.9	2.9#
166	32.4	22.8	34.2





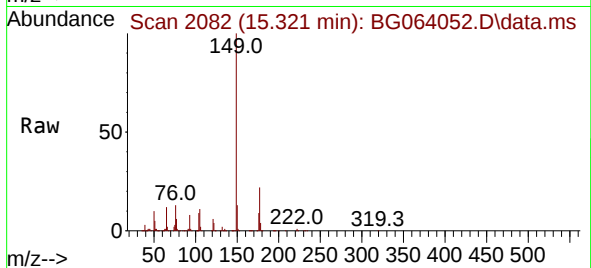
#60
Diethylphthalate
Concen: 79.055 ng
RT: 15.321 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

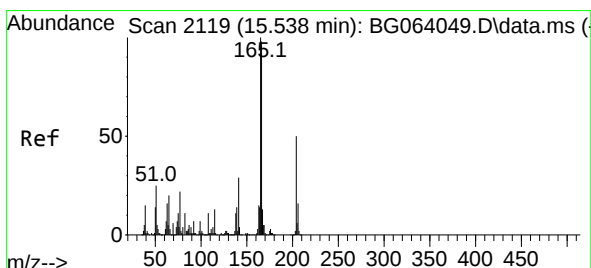
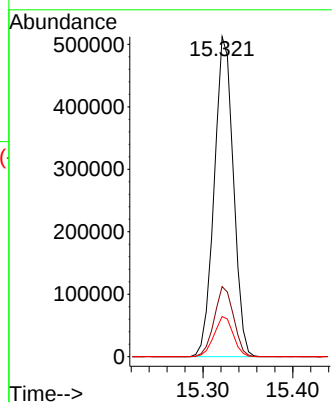
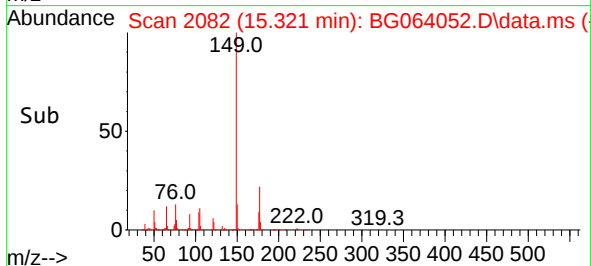


Tgt Ion:149 Resp: 758650
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.6 9.4 14.2

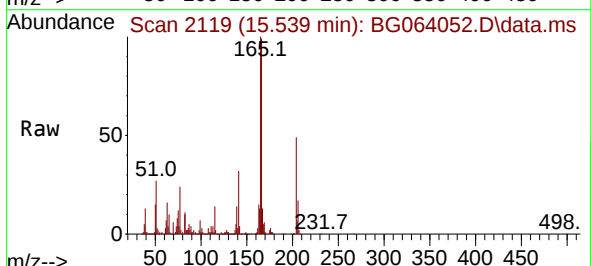
Manual Integrations

APPROVED

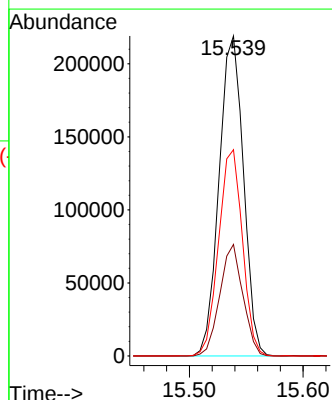
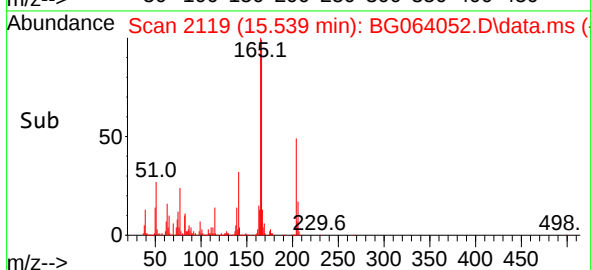
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

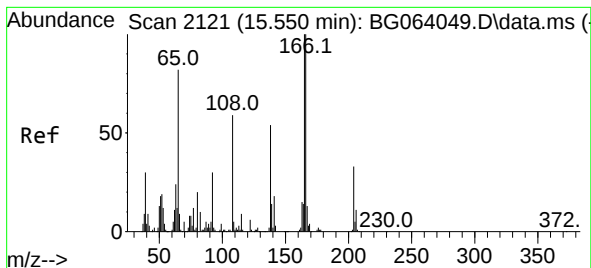


#61
4-Chlorophenyl-phenylether
Concen: 74.261 ng
RT: 15.539 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:204 Resp: 326141
Ion Ratio Lower Upper
204 100
206 34.8 25.5 38.3
141 64.4 45.4 68.0





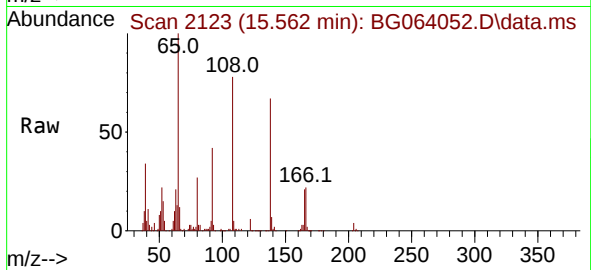
#62
4-Nitroaniline
Concen: 86.459 ng
RT: 15.562 min Scan# 2123
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

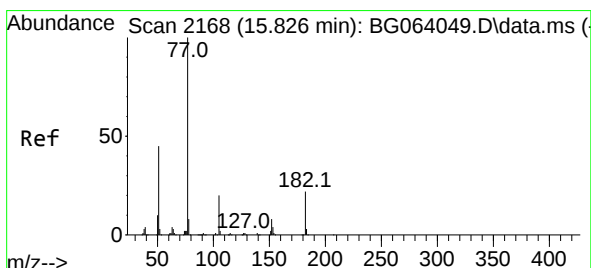
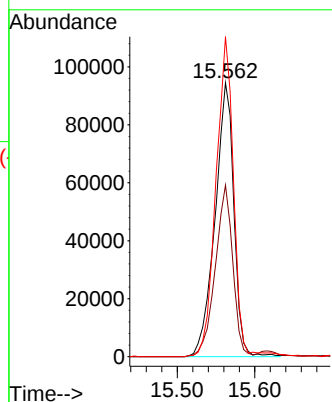
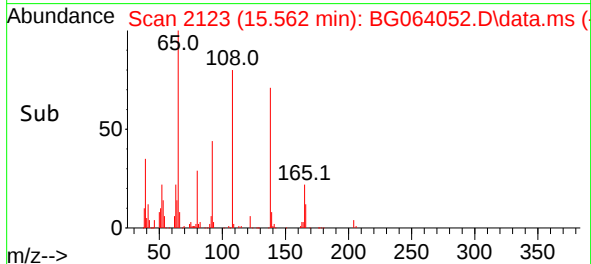


Tgt Ion:138 Resp: 159478
Ion Ratio Lower Upper
138 100
92 62.6 36.1 76.1
108 116.8 87.9 127.9

Manual Integrations

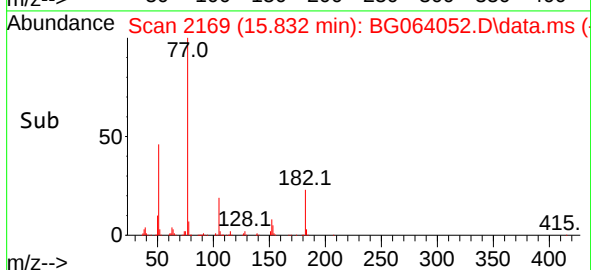
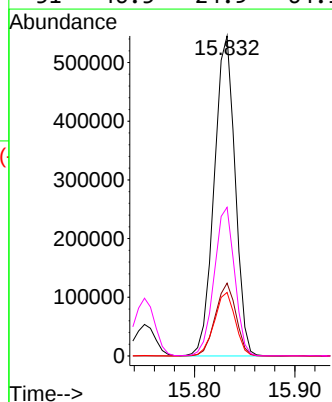
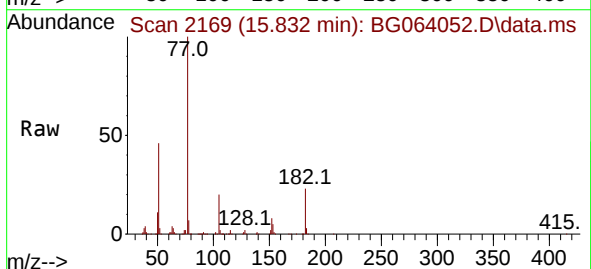
APPROVED

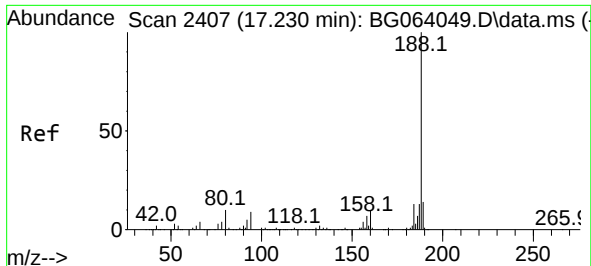
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#63
Azobenzene
Concen: 76.893 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

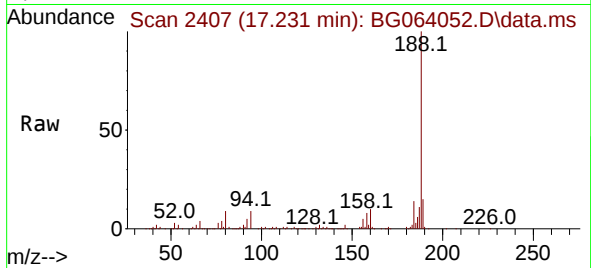
Tgt Ion: 77 Resp: 787412
Ion Ratio Lower Upper
77 100
182 22.8 2.4 42.4
105 19.9 0.0 40.0
51 46.5 24.9 64.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

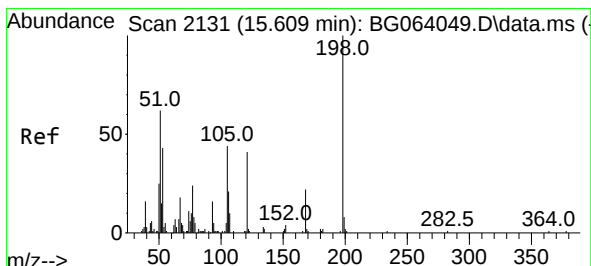
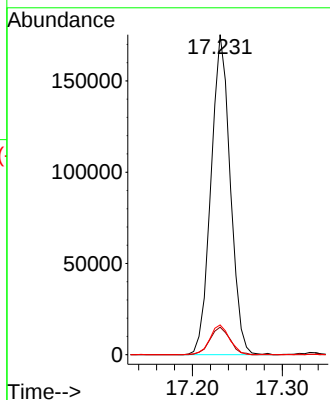
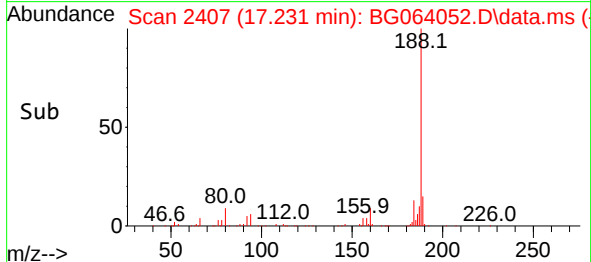
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



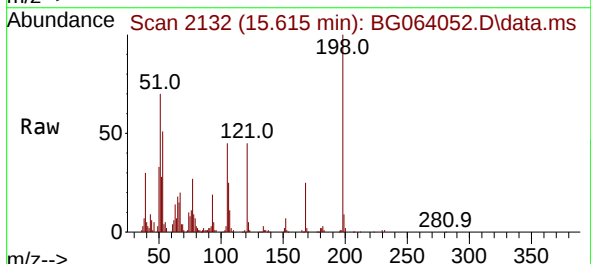
Tgt Ion:188 Resp: 26135
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.3 8.1 12.1

Manual Integrations
APPROVED

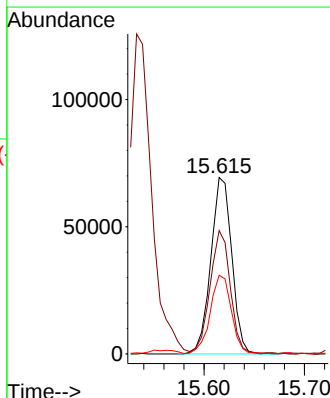
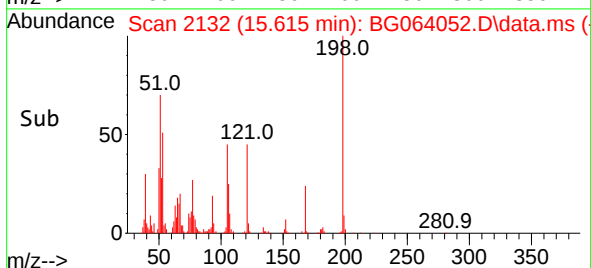
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

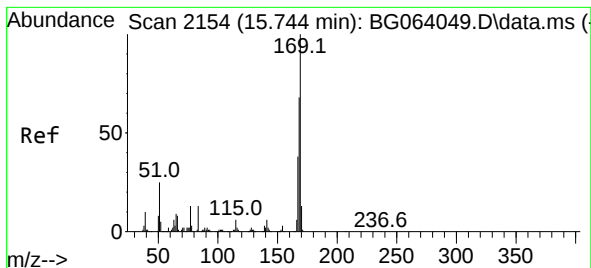


#65
4,6-Dinitro-2-methylphenol
Concen: 81.905 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:198 Resp: 100338
Ion Ratio Lower Upper
198 100
51 69.9 45.6 85.6
105 44.6 25.3 65.3





#66

n-Nitrosodiphenylamine

Concen: 79.884 ng

RT: 15.750 min Scan# 2154

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:169 Resp: 590970

Ion Ratio Lower Upper

169 100

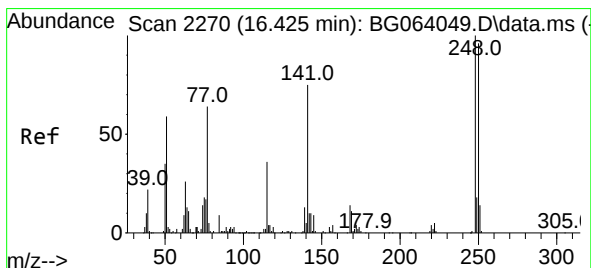
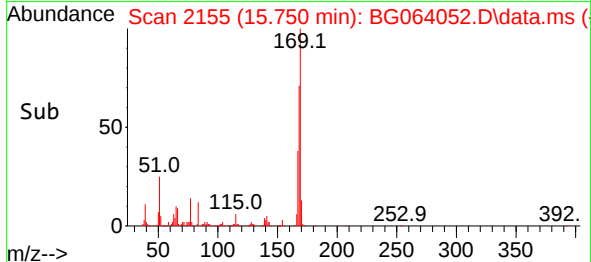
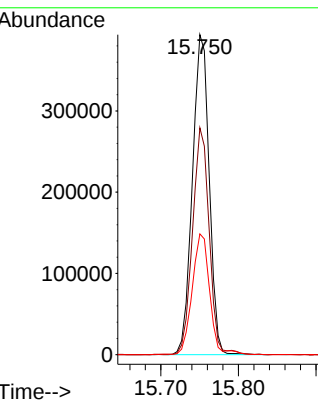
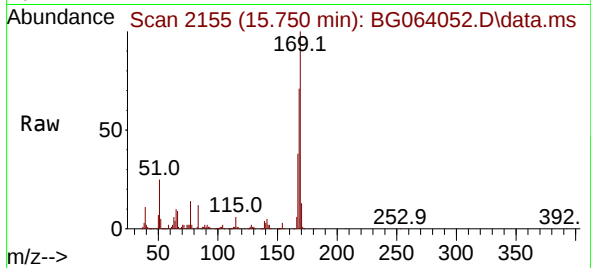
168 70.9 54.1 81.1

167 37.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#67

4-Bromophenyl-phenylether

Concen: 83.033 ng

RT: 16.432 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

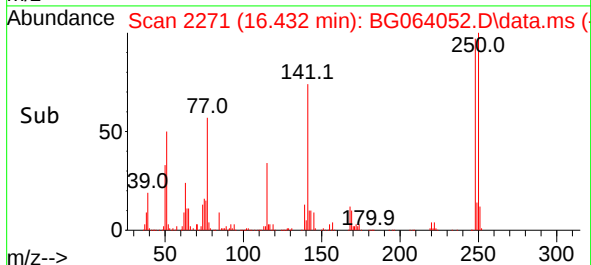
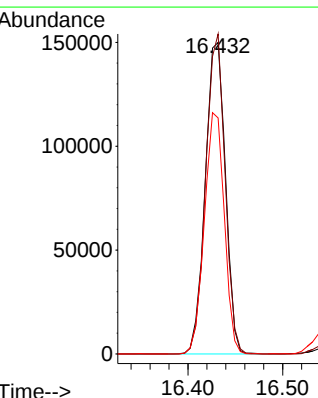
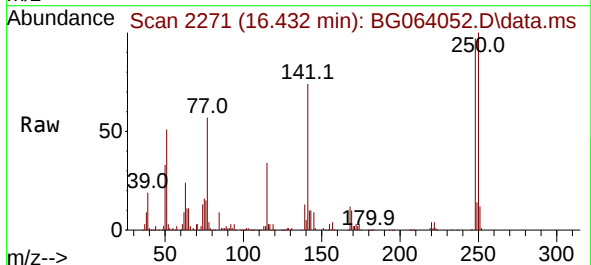
Tgt Ion:248 Resp: 222258

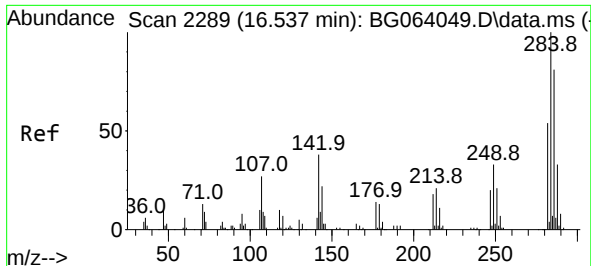
Ion Ratio Lower Upper

248 100

250 102.7 77.1 115.7

141 75.8 59.8 89.8





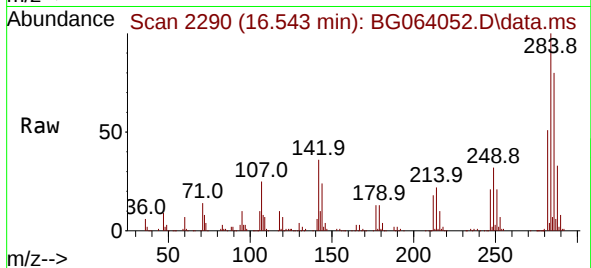
#68
Hexachlorobenzene
Concen: 80.390 ng
RT: 16.543 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

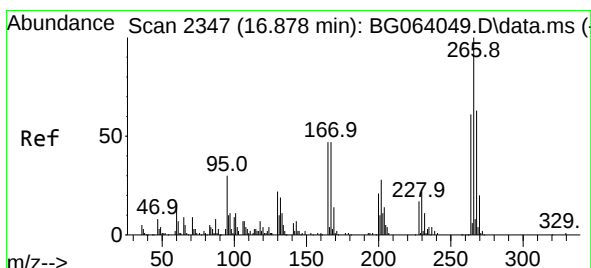
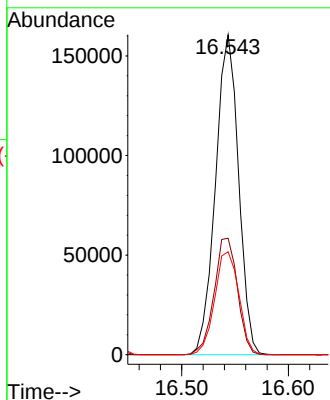
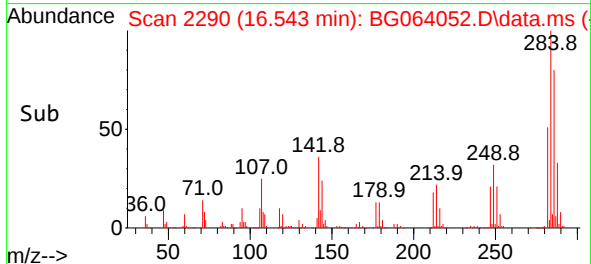


Tgt Ion:284 Resp: 24090
Ion Ratio Lower Upper
284 100
142 36.4 30.6 45.8
249 32.1 26.6 39.8

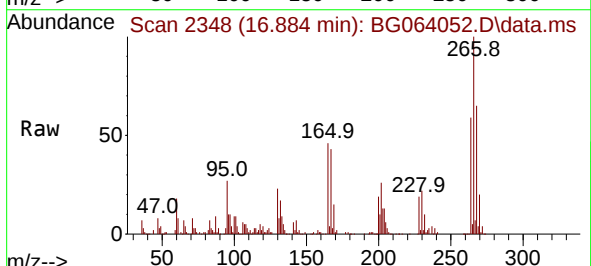
Manual Integrations

APPROVED

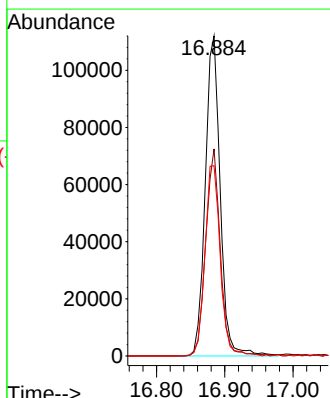
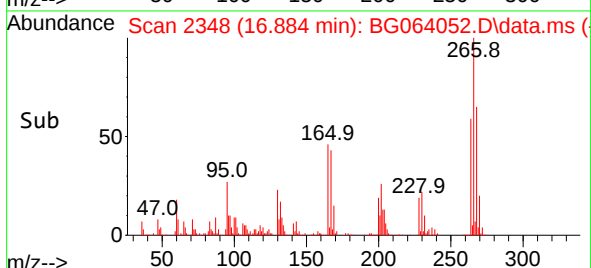
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

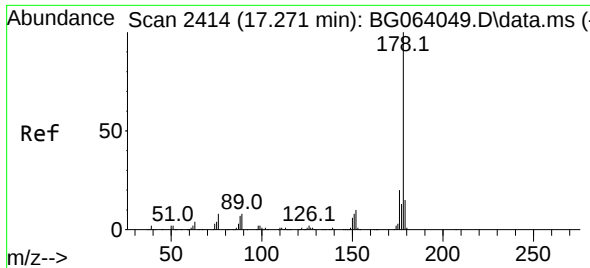


#70
Pentachlorophenol
Concen: 91.819 ng
RT: 16.884 min Scan# 2348
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:266 Resp: 170842
Ion Ratio Lower Upper
266 100
268 64.7 50.2 75.4
264 59.4 48.9 73.3





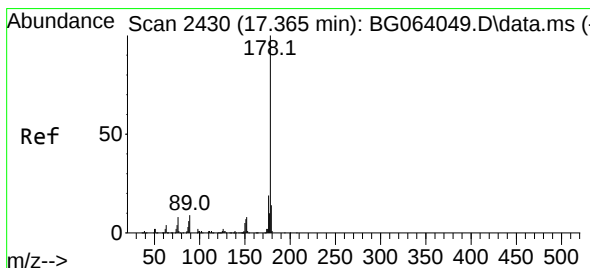
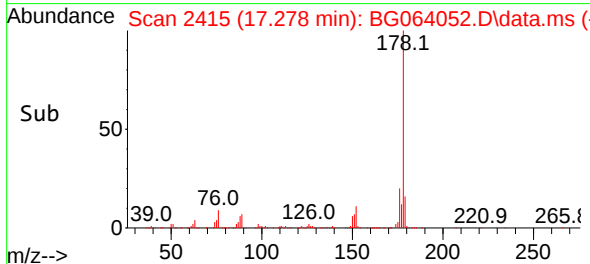
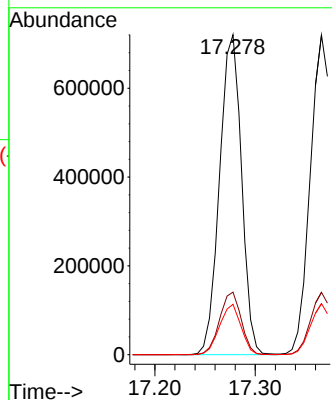
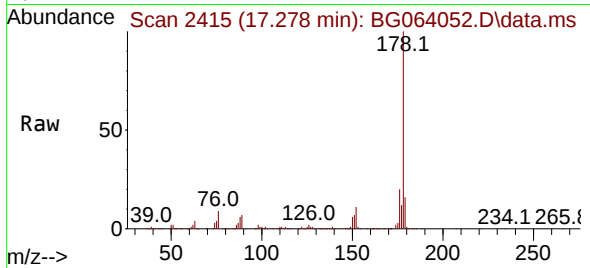
#71
Phenanthrene
Concen: 78.492 ng
RT: 17.278 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 109418
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.8 12.2 18.2

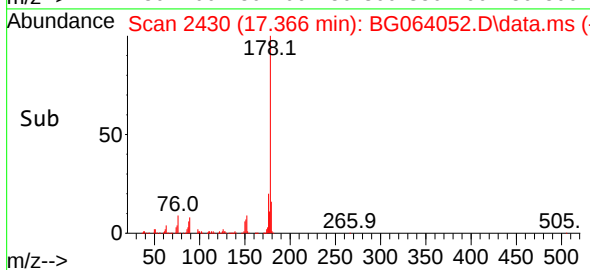
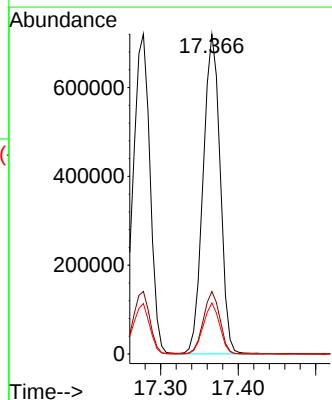
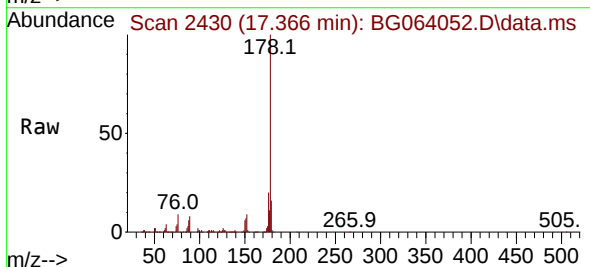
Manual Integrations
APPROVED

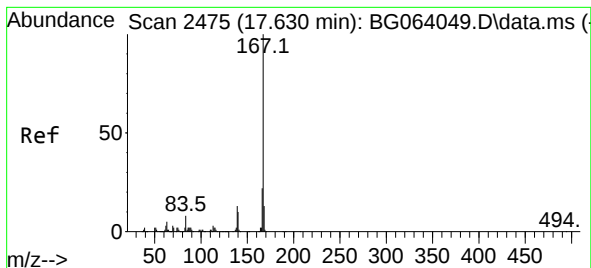
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#72
Anthracene
Concen: 79.297 ng
RT: 17.366 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:178 Resp: 1099164
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 16.0 11.5 17.3





#73

Carbazole

Concen: 77.234 ng

RT: 17.636 min Scan# 2475

Delta R.T. 0.006 min

Lab File: BG064052.D

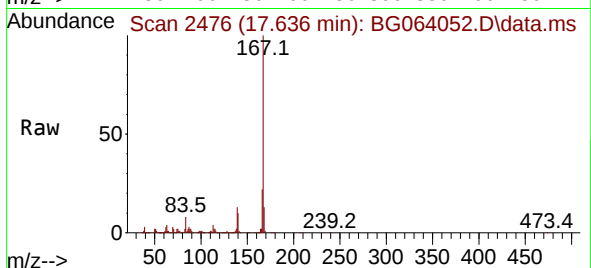
Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:167 Resp: 999549

Ion Ratio Lower Upper

167 100

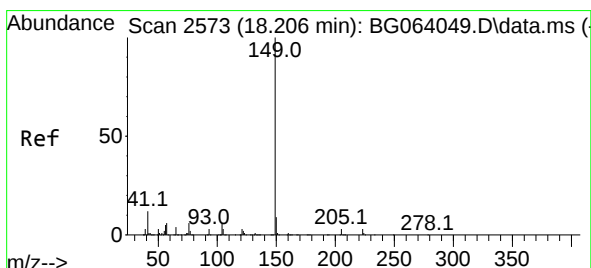
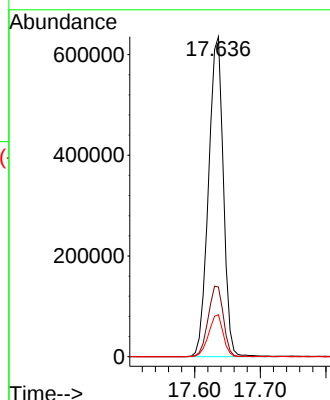
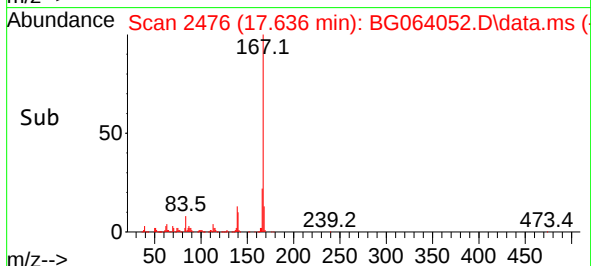
166 21.8 18.0 27.0

139 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#74

Di-n-butylphthalate

Concen: 82.920 ng

RT: 18.206 min Scan# 2573

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

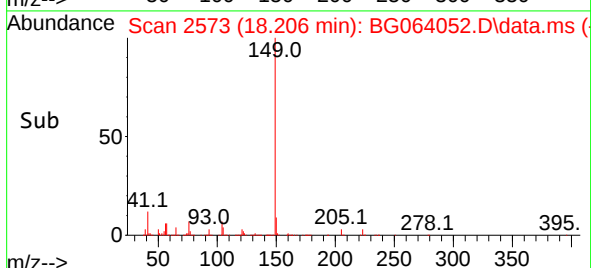
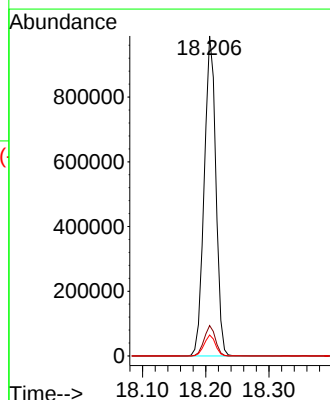
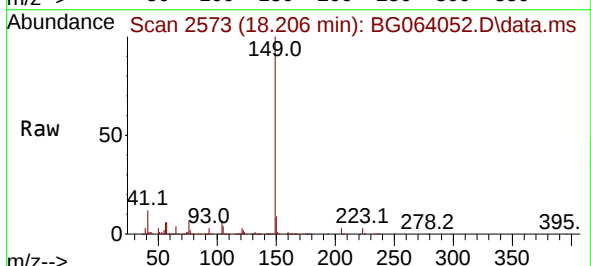
Tgt Ion:149 Resp: 1263186

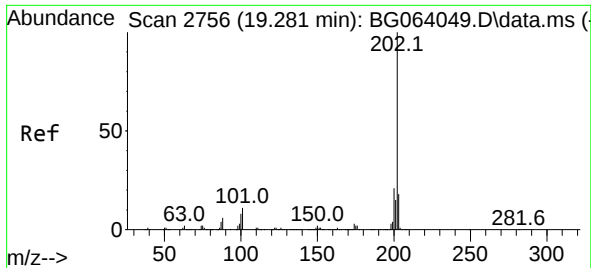
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

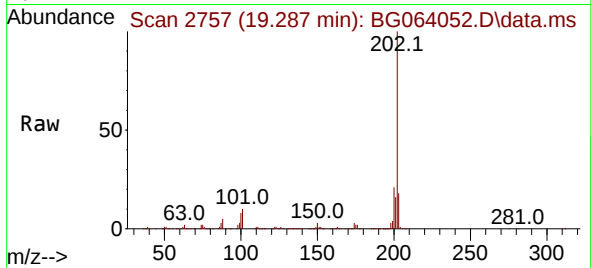
104 6.5 5.0 7.6





#75
Fluoranthene
Concen: 75.929 ng
RT: 19.287 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

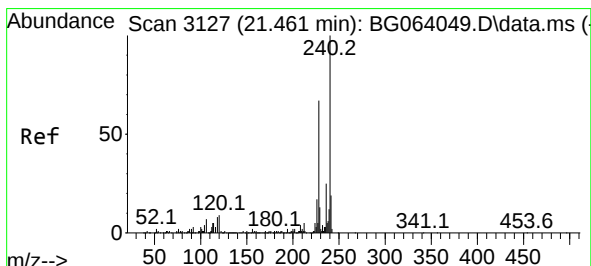
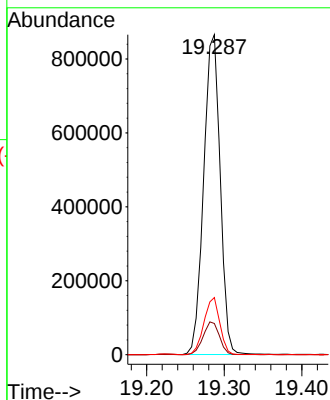
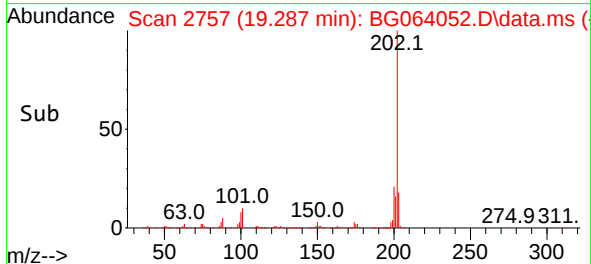
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



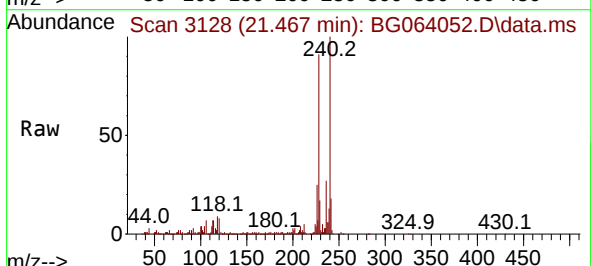
Tgt Ion:202 Resp: 1276040
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.5
203 17.9 0.0 38.3

Manual Integrations
APPROVED

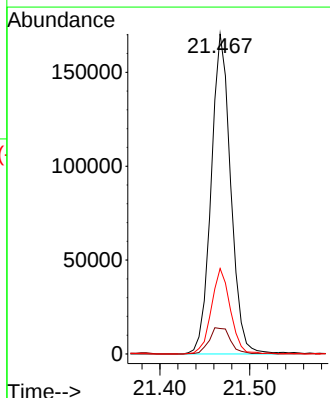
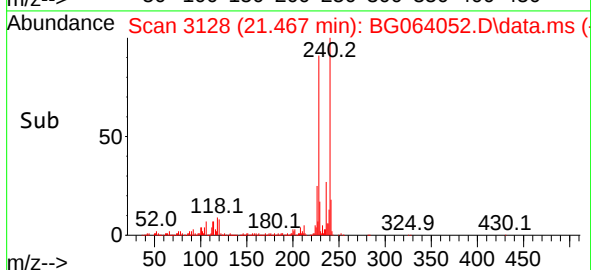
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

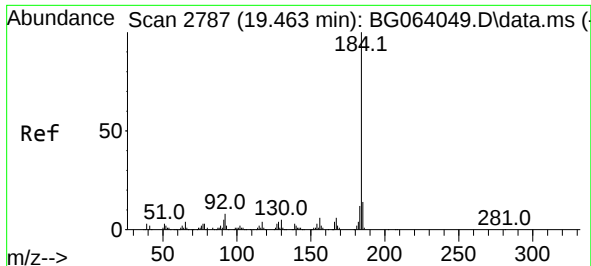


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



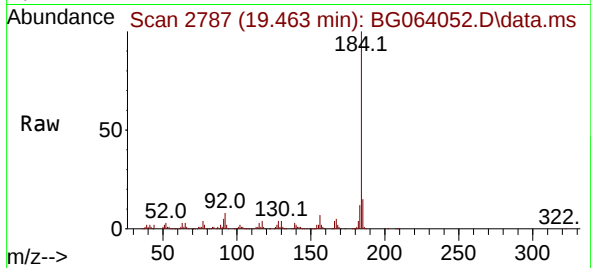
Tgt Ion:240 Resp: 257789
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 26.7 20.2 30.2





#77
Benzidine
Concen: 77.211 ng
RT: 19.463 min Scan# 2787
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

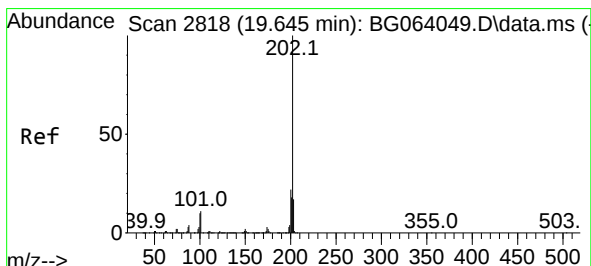
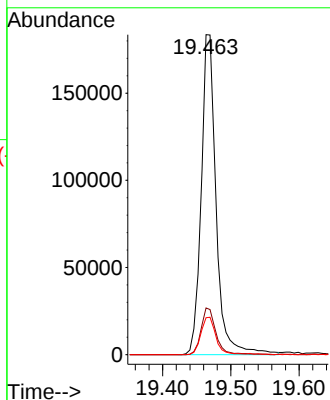
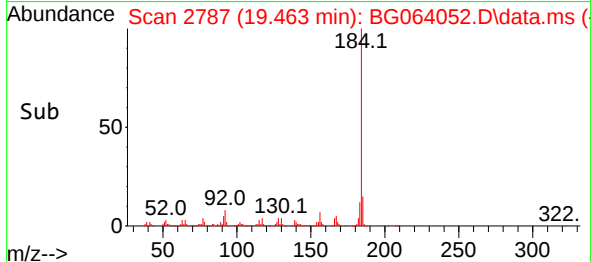
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 27941
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.6 9.5 14.3

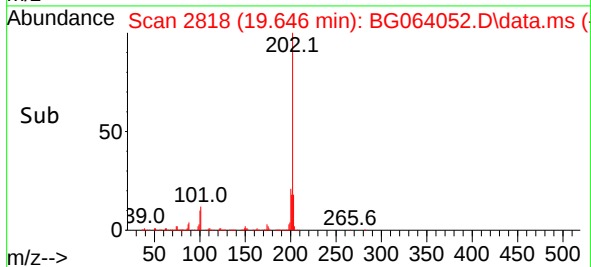
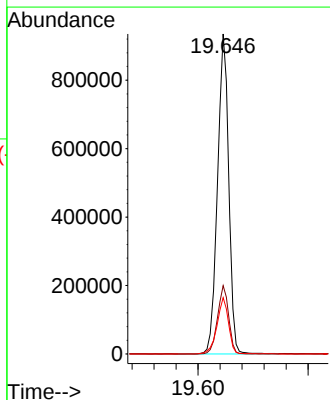
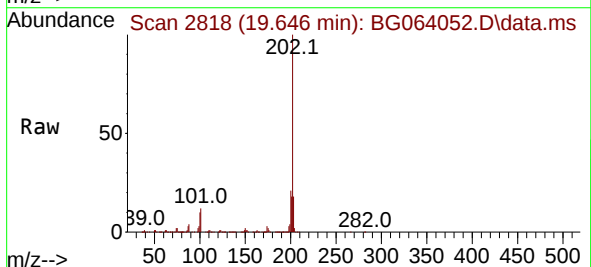
Manual Integrations
APPROVED

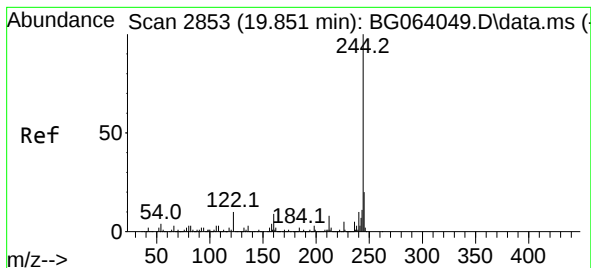
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#78
Pyrene
Concen: 79.539 ng
RT: 19.646 min Scan# 2818
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:202 Resp: 1321748
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.6 13.6 20.4





#79

Terphenyl-d14

Concen: 150.030 ng

RT: 19.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 191276

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

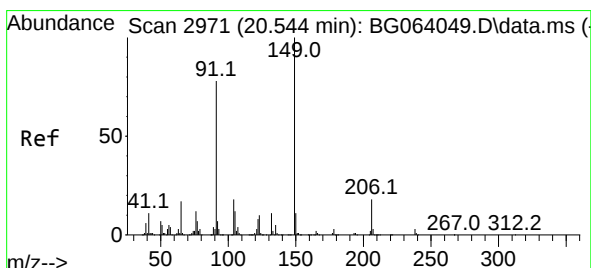
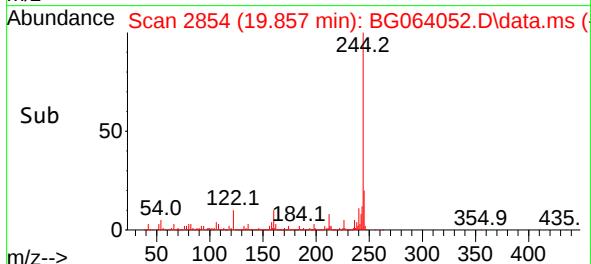
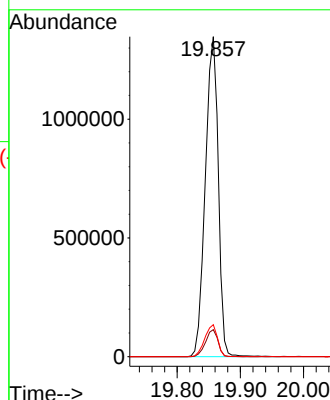
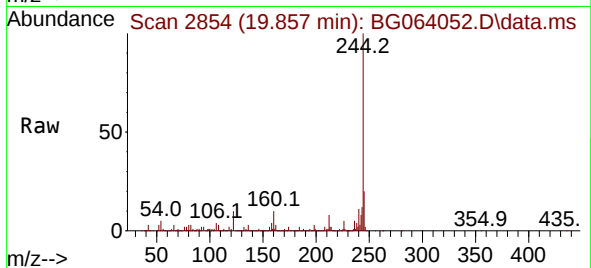
122 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025



#80

Butylbenzylphthalate

Concen: 80.379 ng

RT: 20.550 min Scan# 2972

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

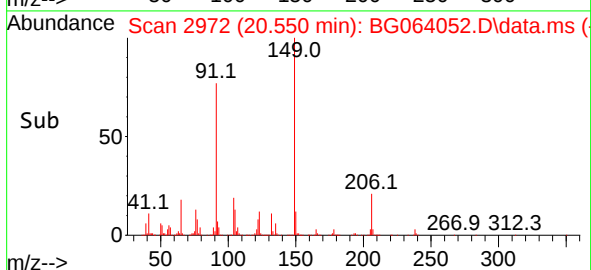
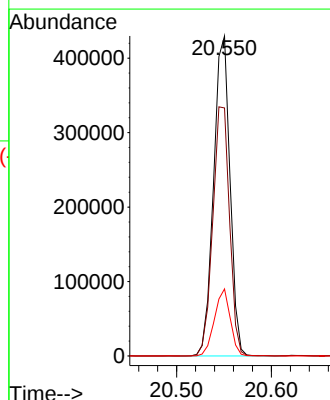
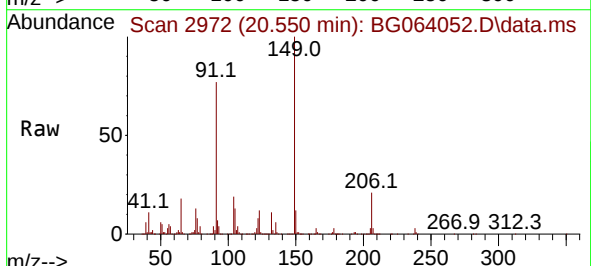
Tgt Ion:149 Resp: 517770

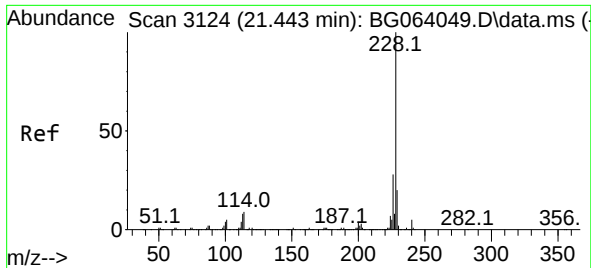
Ion Ratio Lower Upper

149 100

91 77.5 62.0 93.0

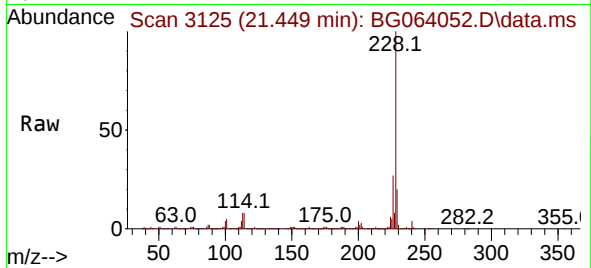
206 21.0 14.6 21.8





#81
Benzo(a)anthracene
Concen: 80.289 ng
RT: 21.449 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

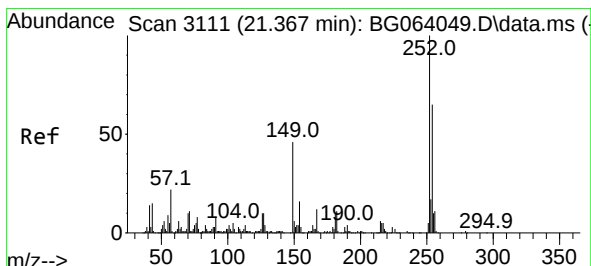
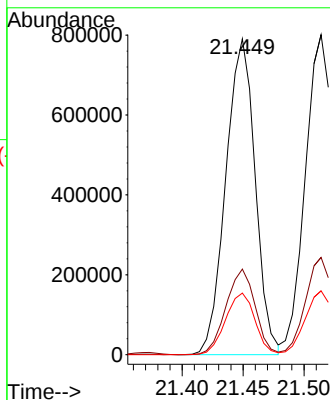
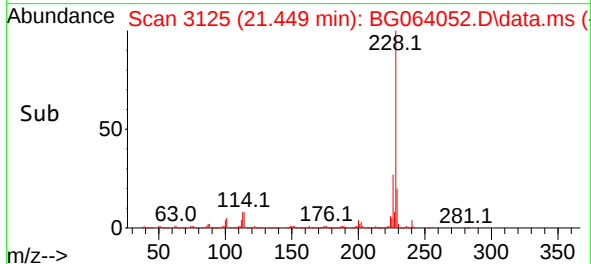
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1325828
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.5 16.4 24.6

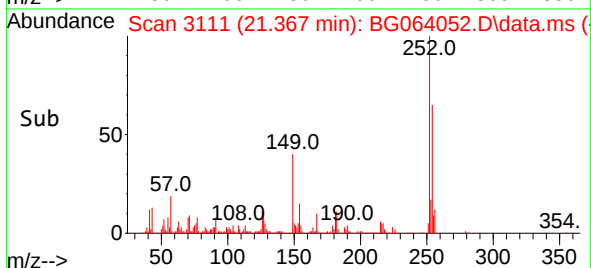
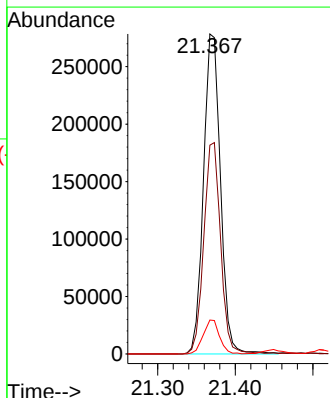
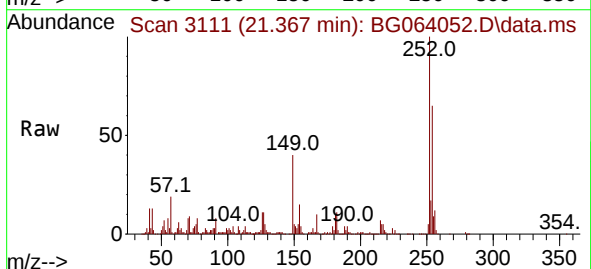
Manual Integrations
APPROVED

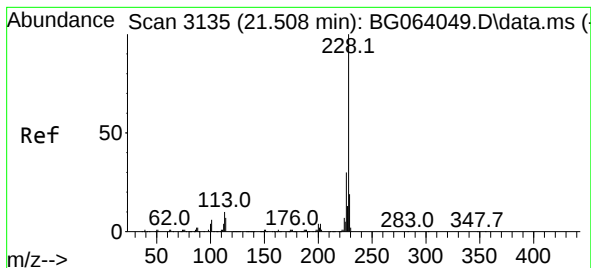
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 79.269 ng
RT: 21.367 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 423636
Ion Ratio Lower Upper
252 100
254 65.3 52.1 78.1
126 10.6 7.8 11.8





#83

Chrysene

Concen: 78.391 ng

RT: 21.514 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1291089

Ion Ratio Lower Upper

228 100

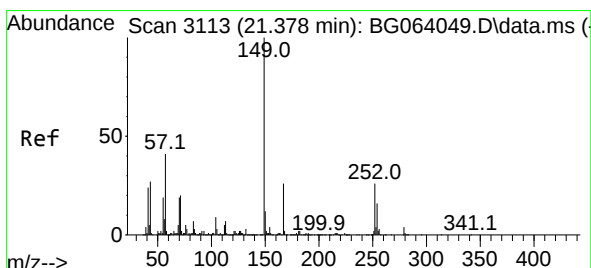
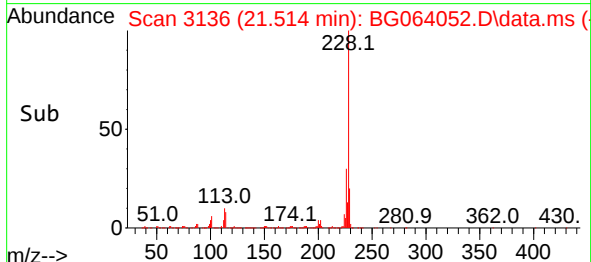
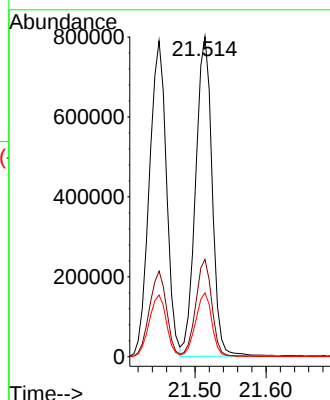
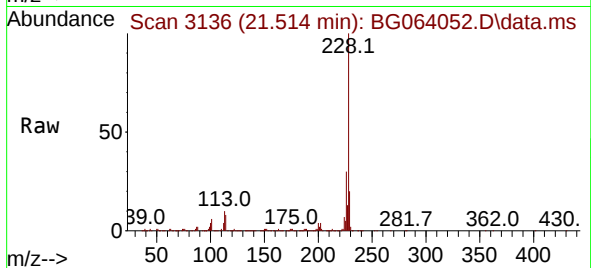
226 30.4 23.9 35.9

229 19.9 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 90.273 ng

RT: 21.385 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

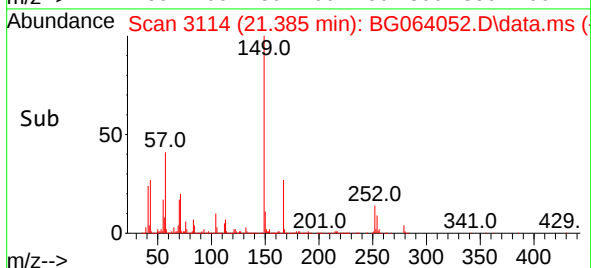
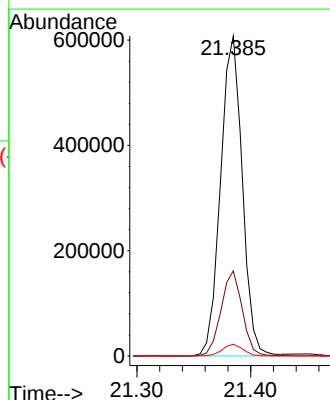
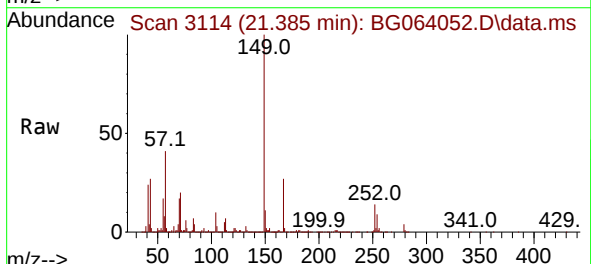
Tgt Ion:149 Resp: 806194

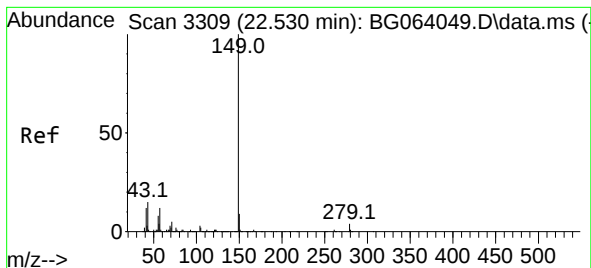
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.6

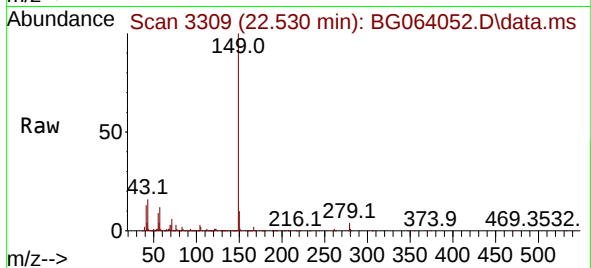
279 3.6 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 89.556 ng
RT: 22.530 min Scan# 3309
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

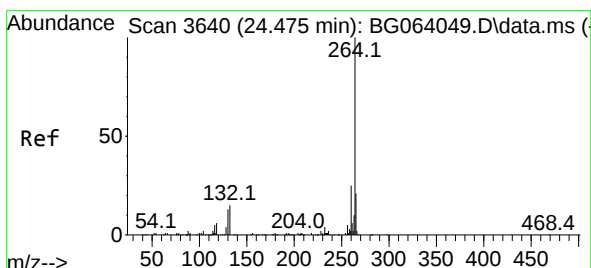
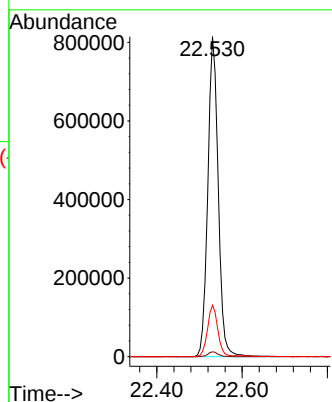
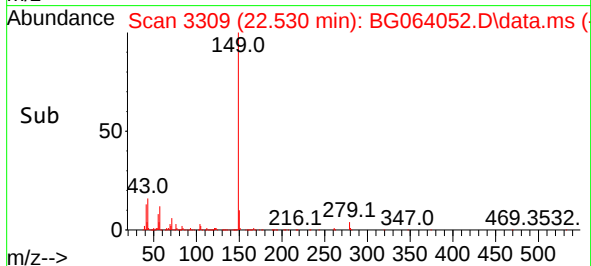
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



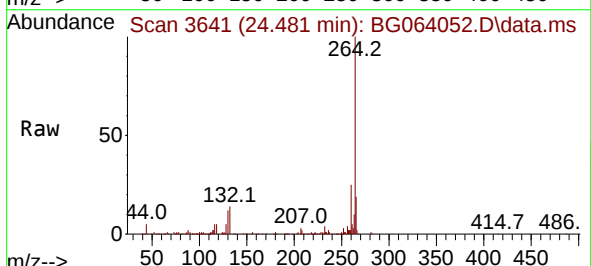
Tgt Ion:149 Resp: 137951
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.1 12.6 19.0

Manual Integrations
APPROVED

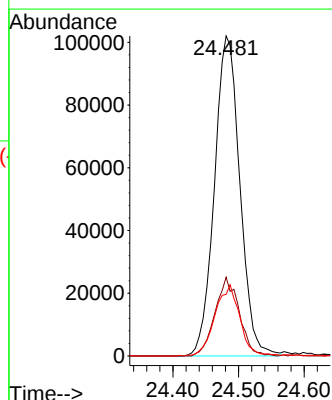
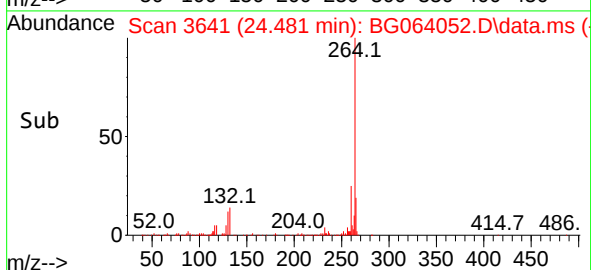
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

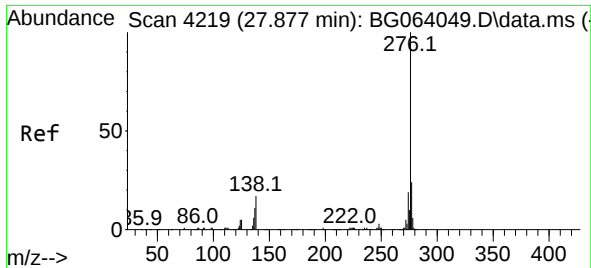


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.481 min Scan# 3641
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



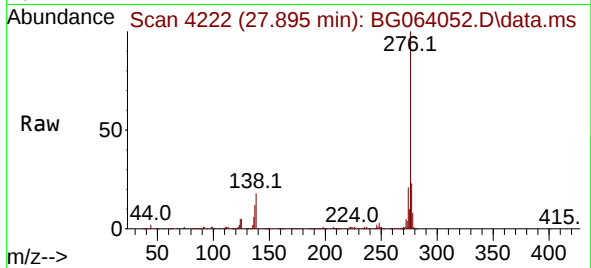
Tgt Ion:264 Resp: 274554
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 19.2 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 83.318 ng
RT: 27.895 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

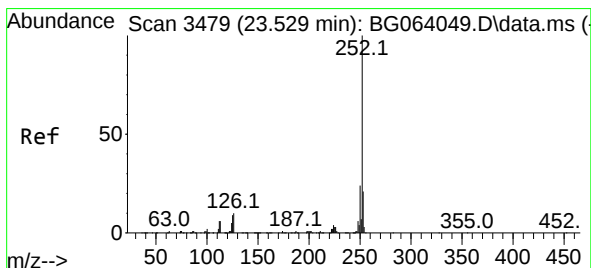
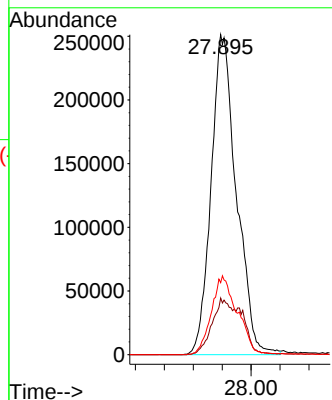
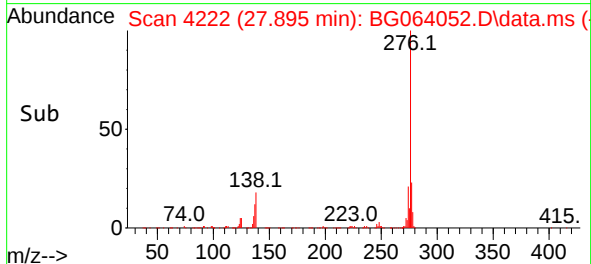
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



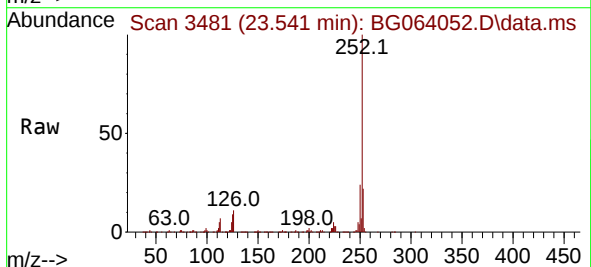
Tgt Ion:276 Resp: 1530540
Ion Ratio Lower Upper
276 100
138 14.6 12.1 18.1
277 25.2 20.0 30.0

Manual Integrations
APPROVED

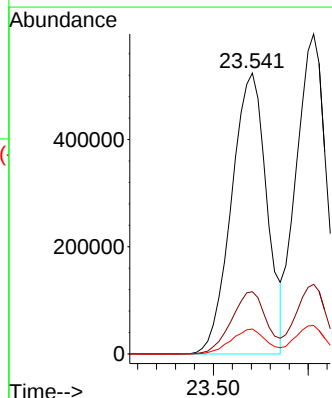
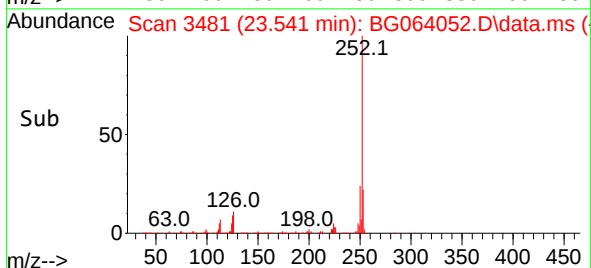
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

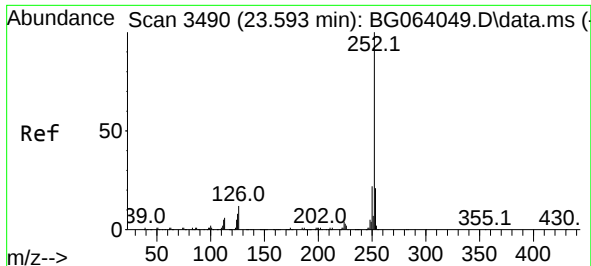


#88
Benzo(b)fluoranthene
Concen: 81.758 ng
RT: 23.541 min Scan# 3481
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



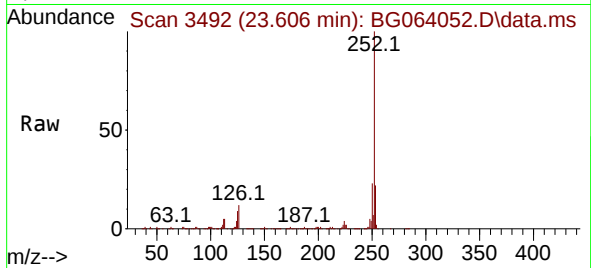
Tgt Ion:252 Resp: 1356996
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.9 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 80.120 ng
RT: 23.606 min Scan# 3490
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

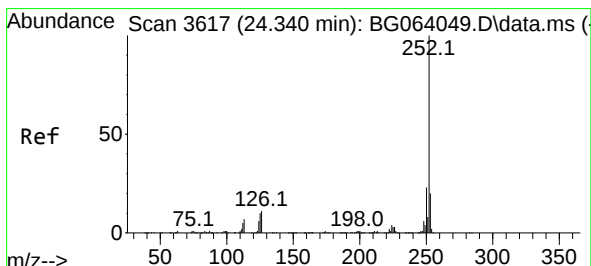
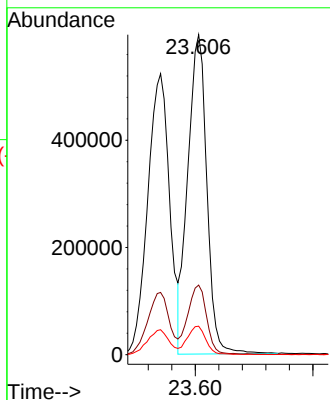
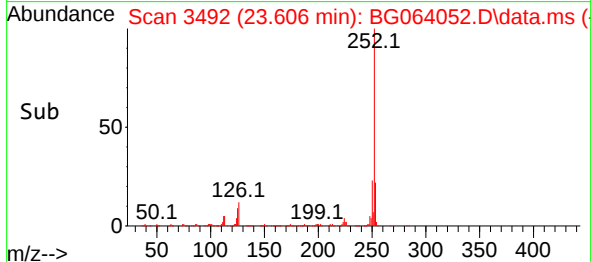
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 133408
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 8.9 6.9 10.3

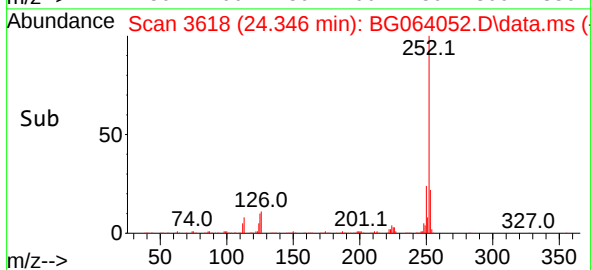
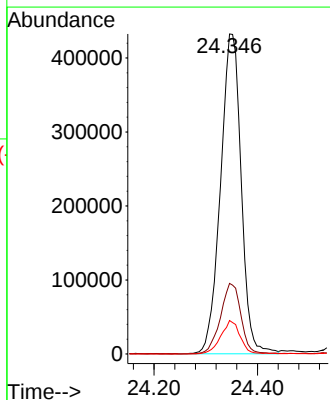
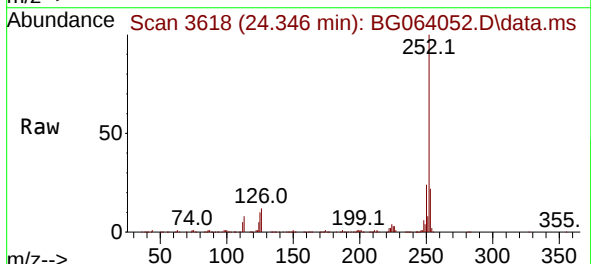
Manual Integrations
APPROVED

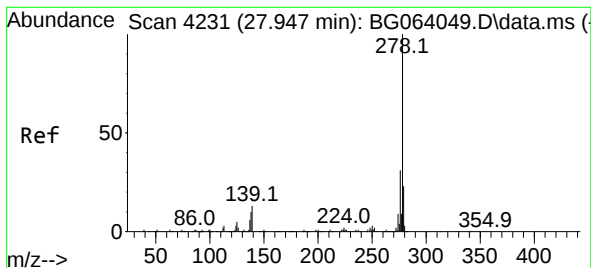
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#90
Benzo(a)pyrene
Concen: 81.191 ng
RT: 24.346 min Scan# 3618
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

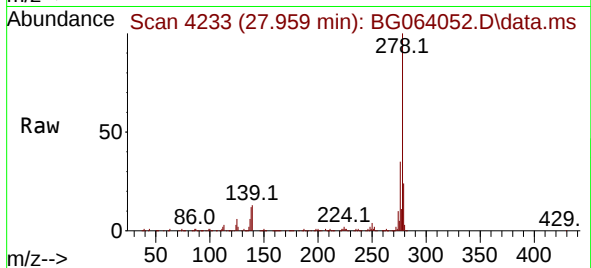
Tgt Ion:252 Resp: 1200152
Ion Ratio Lower Upper
252 100
253 22.1 16.2 24.2
125 10.5 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 83.647 ng
RT: 27.959 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

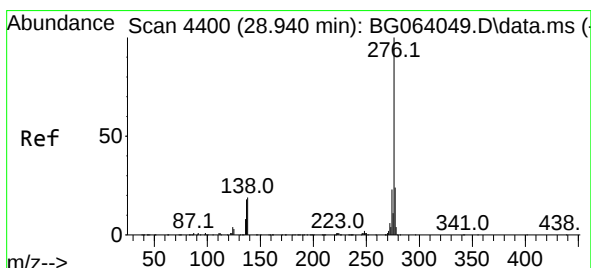
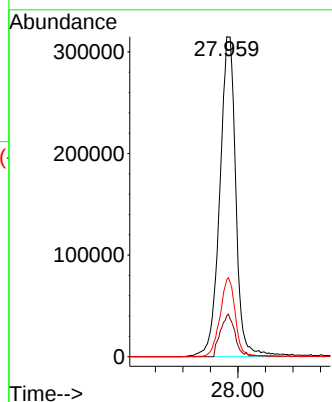
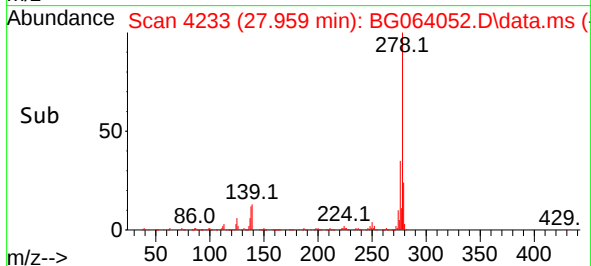
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



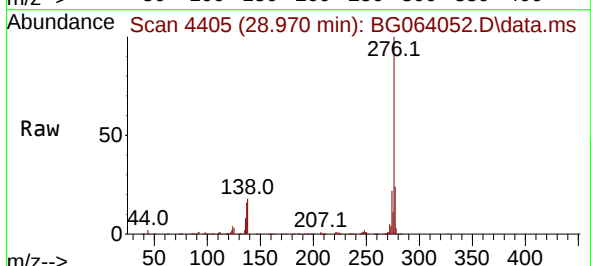
Tgt Ion:278 Resp: 127388
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.2
279 24.1 18.1 27.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#92
Benzo(g,h,i)perylene
Concen: 82.048 ng
RT: 28.970 min Scan# 4405
Delta R.T. 0.030 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44



Tgt Ion:276 Resp: 1282909
Ion Ratio Lower Upper
276 100
277 23.7 19.5 29.3
138 17.9 15.4 23.0

