

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064048.D
 Acq On : 5 Mar 2025 11:03
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

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

Quant Time: Mar 05 15:22:23 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	7.867	152	32618	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145081	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	102335	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	239469	20.000	ng	0.00
76) Chrysene-d12	21.463	240	245725	20.000	ng	0.00
86) Perylene-d12	24.471	264	254102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	86747	41.526	ng	0.00
7) Phenol-d6	7.027	99	117028	41.181	ng	0.00
23) Nitrobenzene-d5	9.013	82	104347	39.746	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	46324	40.723	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	278220	41.267	ng	0.00
79) Terphenyl-d14	19.847	244	521784	42.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	20346	21.491	ng	94
3) Pyridine	3.760	79	47376	20.577	ng	90
4) n-Nitrosodimethylamine	3.678	42	33180	20.170	ng	# 98
6) Aniline	7.191	93	59532	21.349	ng	98
8) 2-Chlorophenol	7.432	128	46053	20.527	ng	91
9) Benzaldehyde	7.003	77	36954m	22.246	ng	
10) Phenol	7.050	94	59566	20.473	ng	96
11) bis(2-Chloroethyl)ether	7.291	93	46439	20.359	ng	96
12) 1,3-Dichlorobenzene	7.755	146	48956	19.871	ng	98
13) 1,4-Dichlorobenzene	7.902	146	52419	20.757	ng	97
14) 1,2-Dichlorobenzene	8.214	146	50317	20.663	ng	98
15) Benzyl Alcohol	8.096	79	43802	19.946	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	104660	20.405	ng	98
17) 2-Methylphenol	8.302	107	38395	19.883	ng	# 90
18) Hexachloroethane	8.948	117	16959	19.194	ng	99
19) n-Nitroso-di-n-propyla...	8.666	70	41803	20.960	ng	94
20) 3+4-Methylphenols	8.625	107	53440	20.102	ng	93
22) Acetophenone	8.678	105	84092	21.140	ng	94
24) Nitrobenzene	9.060	77	56511	20.828	ng	# 97
25) Isophorone	9.577	82	107881	20.530	ng	98
26) 2-Nitrophenol	9.765	139	13886	18.663	ng	96
27) 2,4-Dimethylphenol	9.824	122	32013	20.322	ng	95
28) bis(2-Chloroethoxy)met...	10.064	93	67945	21.327	ng	97
29) 2,4-Dichlorophenol	10.294	162	40728	20.475	ng	96
30) 1,2,4-Trichlorobenzene	10.517	180	49701	20.698	ng	96
31) Naphthalene	10.705	128	161582	20.654	ng	100
32) Benzoic acid	9.929	122	20223m	20.131	ng	
33) 4-Chloroaniline	10.805	127	59095	20.668	ng	98
34) Hexachlorobutadiene	10.999	225	32675	20.760	ng	96
35) Caprolactam	11.557	113	16251	21.319	ng	97
36) 4-Chloro-3-methylphenol	11.927	107	55024	21.103	ng	94
37) 2-Methylnaphthalene	12.309	142	114303	20.696	ng	94
38) 1-Methylnaphthalene	12.532	142	111828	20.668	ng	95
40) 1,2,4,5-Tetrachloroben...	12.679	216	60556	20.727	ng	98
41) Hexachlorocyclopentadiene	12.667	237	16470	20.029	ng	90
43) 2,4,6-Trichlorophenol	12.914	196	34893	20.264	ng	93

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

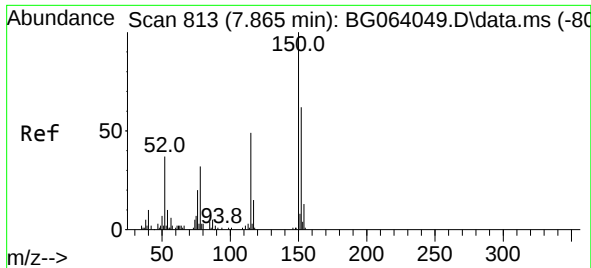
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

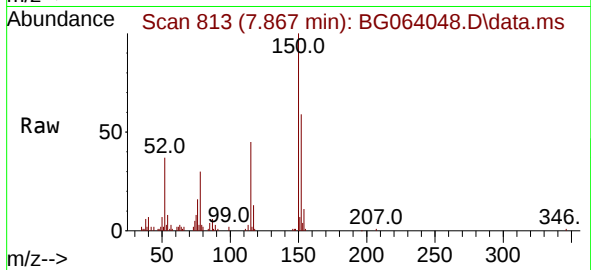
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	38995	20.381	ng	95
46) 1,1'-Biphenyl	13.325	154	160835	20.803	ng	97
47) 2-Chloronaphthalene	13.361	162	112611	19.971	ng	99
48) 2-Nitroaniline	13.560	65	28373	18.684	ng	98
49) Acenaphthylene	14.207	152	183469	20.571	ng	99
50) Dimethylphthalate	13.948	163	159500	21.114	ng	100
51) 2,6-Dinitrotoluene	14.054	165	26787	19.614	ng	92
52) Acenaphthene	14.553	154	125939m	20.997	ng	
53) 3-Nitroaniline	14.383	138	30517	20.902	ng	88
54) 2,4-Dinitrophenol	14.594	184	8560	19.958	ng	# 74
55) Dibenzofuran	14.888	168	202235	20.856	ng	96
56) 4-Nitrophenol	14.683	139	20425	16.681	ng	87
57) 2,4-Dinitrotoluene	14.841	165	35172	19.015	ng	# 97
58) Fluorene	15.534	166	157795	20.894	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.111	232	39748	21.310	ng	99
60) Diethylphthalate	15.311	149	174872	21.324	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	80605	21.477	ng	95
62) 4-Nitroaniline	15.540	138	32000	20.301	ng	88
63) Azobenzene	15.822	77	182618	20.868	ng	98
65) 4,6-Dinitro-2-methylph...	15.599	198	14079	19.469	ng	95
66) n-Nitrosodiphenylamine	15.740	169	139451	20.573	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	50868	20.740	ng	99
68) Hexachlorobenzene	16.539	284	56538	20.591	ng	95
69) Atrazine	16.692	200	42810	21.465	ng	97
70) Pentachlorophenol	16.874	266	30561	17.926	ng	# 88
71) Phenanthrene	17.268	178	265841	20.813	ng	99
72) Anthracene	17.362	178	264350	20.814	ng	99
73) Carbazole	17.626	167	244169	20.591	ng	100
74) Di-n-butylphthalate	18.202	149	290500	20.812	ng	100
75) Fluoranthene	19.277	202	319913	20.776	ng	98
77) Benzidine	19.459	184	58504	16.960	ng	99
78) Pyrene	19.641	202	331849	20.950	ng	99
80) Butylbenzylphthalate	20.546	149	99429	19.098	ng	98
81) Benzo(a)anthracene	21.439	228	321777	20.443	ng	98
82) 3,3'-Dichlorobenzidine	21.363	252	109121	21.421	ng	98
83) Chrysene	21.504	228	321379	20.471	ng	98
84) Bis(2-ethylhexyl)phtha...	21.381	149	168286	19.769	ng	98
85) Di-n-octyl phthalate	22.526	149	272257	18.542	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	357779	21.044	ng	98
88) Benzo(b)fluoranthene	23.525	252	322554	20.998	ng	98
89) Benzo(k)fluoranthene	23.590	252	325538	21.124	ng	99
90) Benzo(a)pyrene	24.330	252	285622	20.878	ng	97
91) Dibenzo(a,h)anthracene	27.932	278	292558	20.756	ng	99
92) Benzo(g,h,i)perylene	28.931	276	307072	21.219	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.867 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03

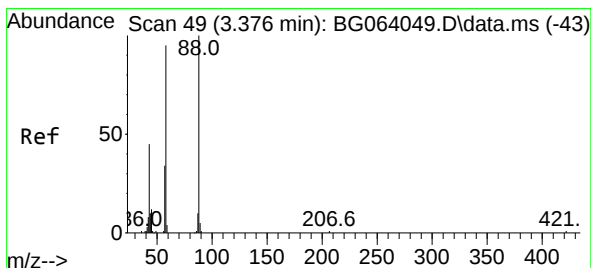
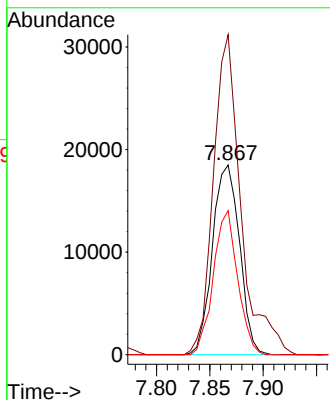
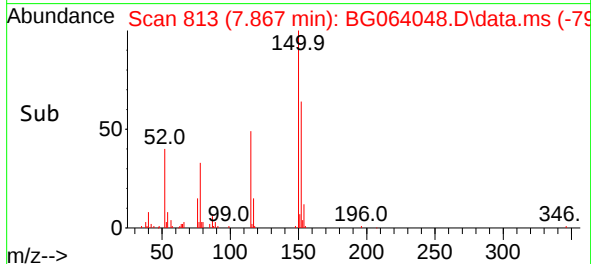
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020



Tgt Ion:152 Resp: 32618
 Ion Ratio Lower Upper
 152 100
 150 168.8 129.2 193.8
 115 76.0 63.0 94.6

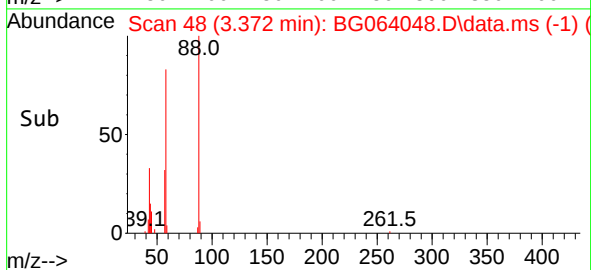
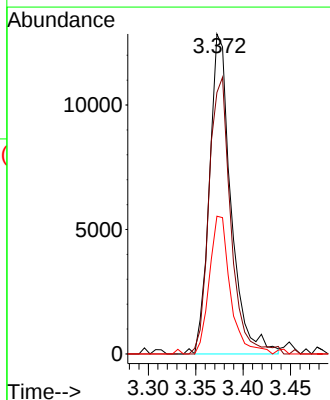
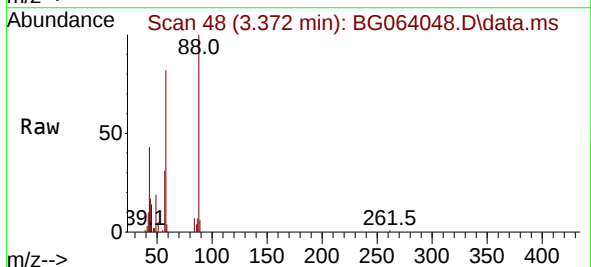
Manual Integrations
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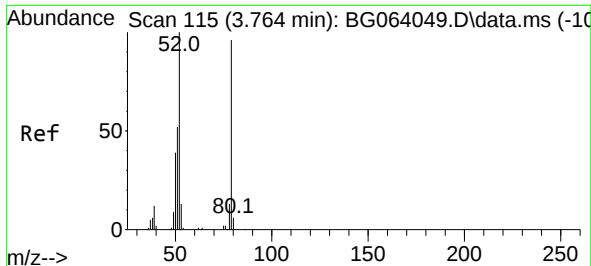
Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025



#2
 1,4-Dioxane
 Concen: 21.491 ng
 RT: 3.372 min Scan# 48
 Delta R.T. -0.004 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03

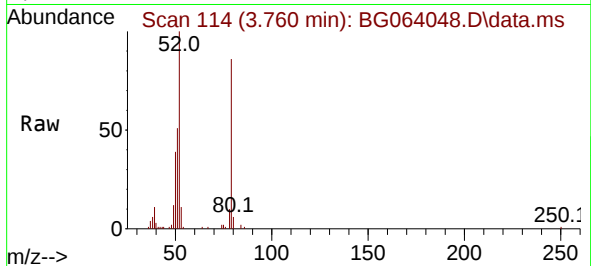
Tgt Ion: 88 Resp: 20346
 Ion Ratio Lower Upper
 88 100
 58 87.3 74.6 111.8
 43 41.6 35.5 53.3





#3
 Pyridine
 Concen: 20.577 ng
 RT: 3.760 min Scan# 115
 Delta R.T. -0.004 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03

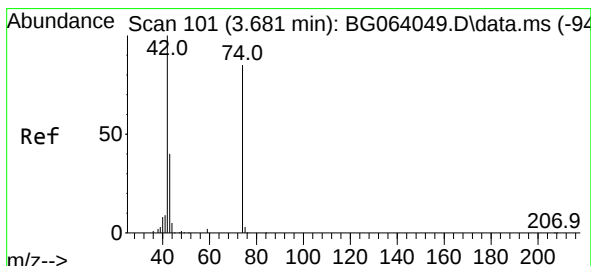
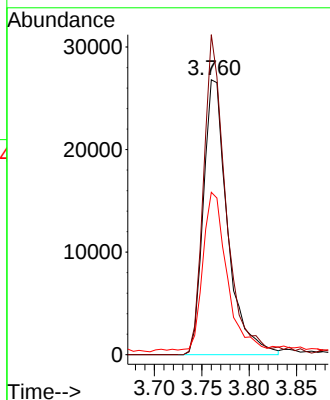
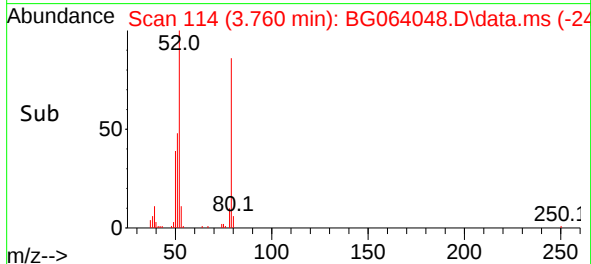
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020



Tgt Ion: 79 Resp: 47370
 Ion Ratio Lower Upper
 79 100
 52 116.4 83.0 124.6
 51 59.1 44.3 66.5

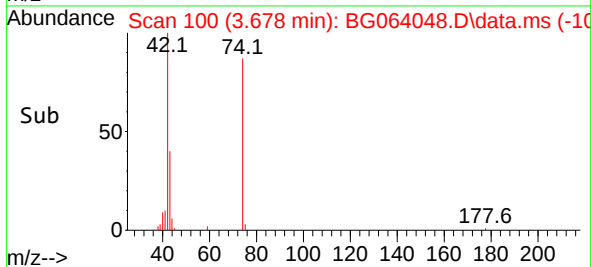
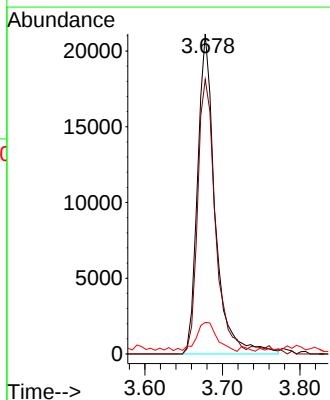
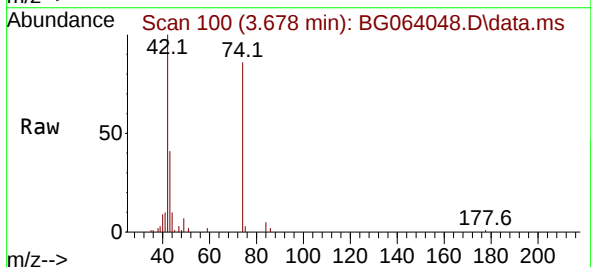
Manual Integrations
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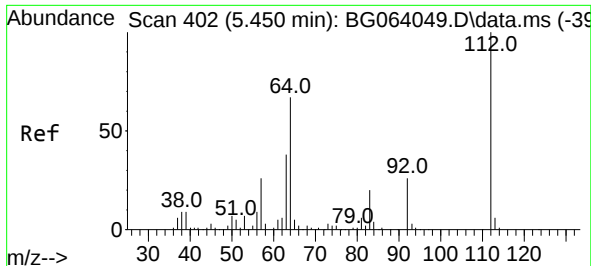
Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025



#4
 n-Nitrosodimethylamine
 Concen: 20.170 ng
 RT: 3.678 min Scan# 100
 Delta R.T. -0.004 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03

Tgt Ion: 42 Resp: 33180
 Ion Ratio Lower Upper
 42 100
 74 85.8 68.0 102.0
 44 9.9 4.9 7.3#





#5
2-Fluorophenol
Concen: 41.526 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

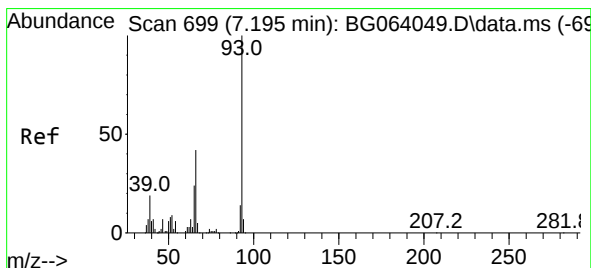
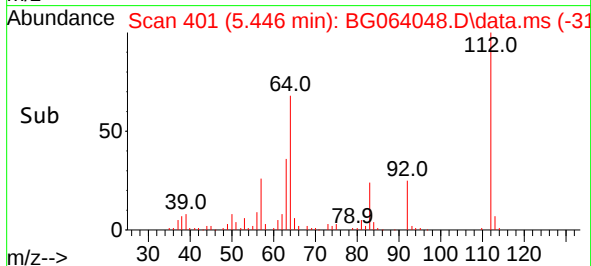
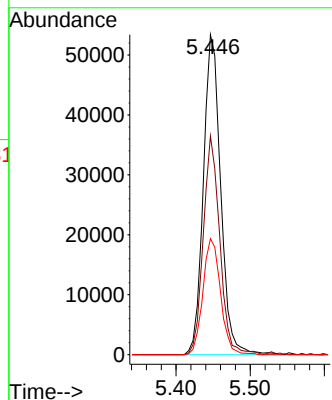
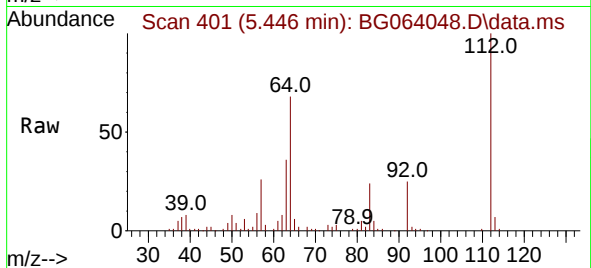
SSTDICC020

Tgt Ion:112 Resp: 8674
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 36.3 30.2 45.4

Manual Integrations

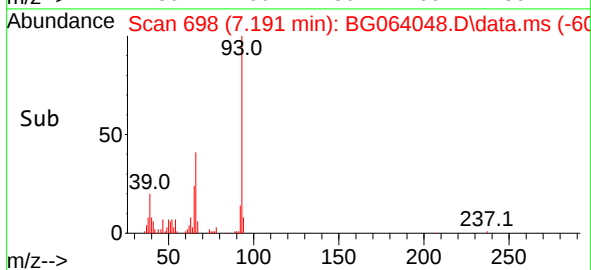
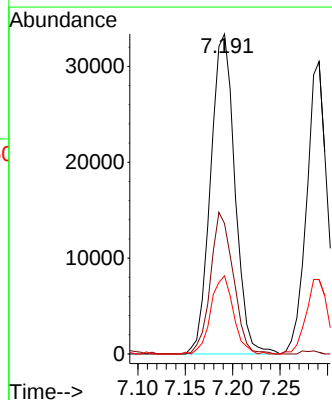
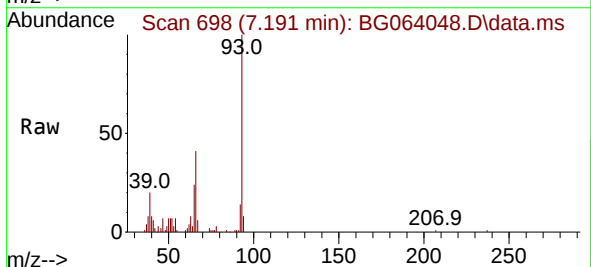
APPROVED

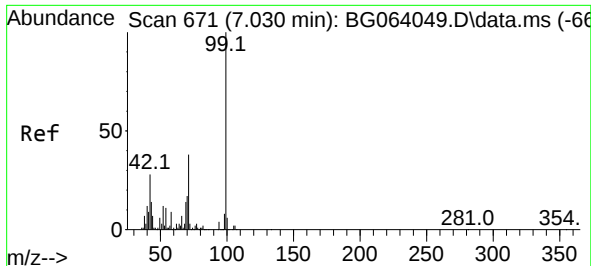
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#6
Aniline
Concen: 21.349 ng
RT: 7.191 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

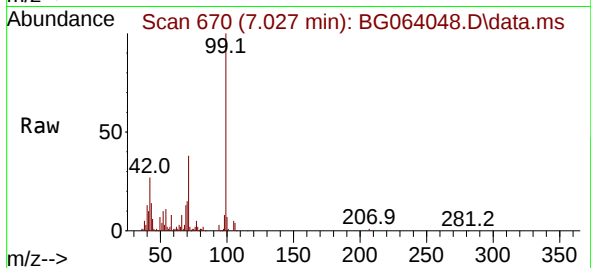
Tgt Ion: 93 Resp: 59532
Ion Ratio Lower Upper
93 100
66 40.7 33.7 50.5
65 24.4 19.1 28.7





#7
Phenol-d6
Concen: 41.181 ng
RT: 7.027 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

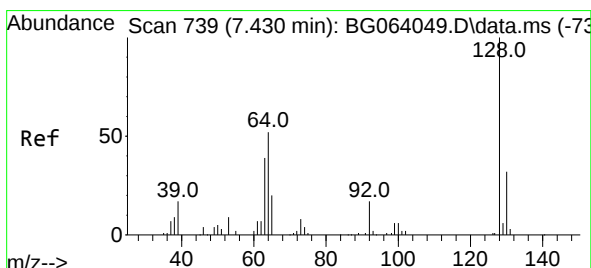
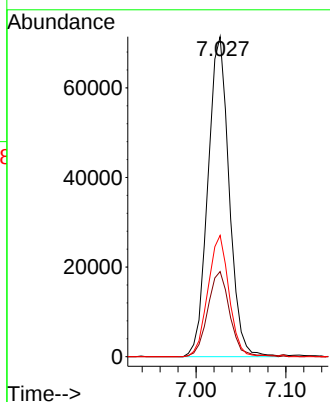
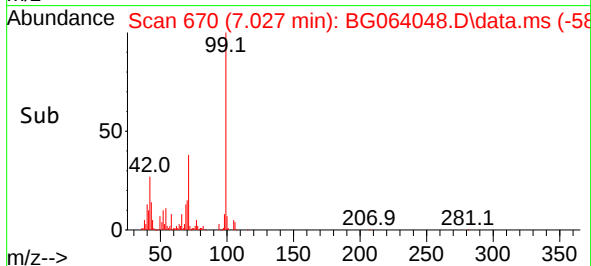
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 117028
Ion Ratio Lower Upper
99 100
42 26.6 22.7 34.1
71 37.9 30.6 46.0

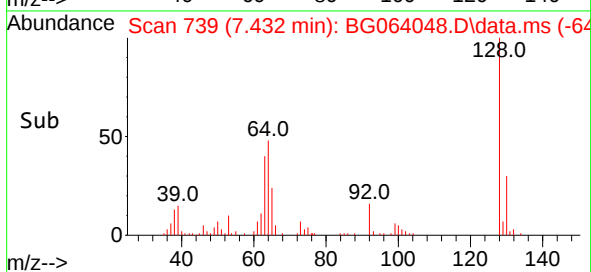
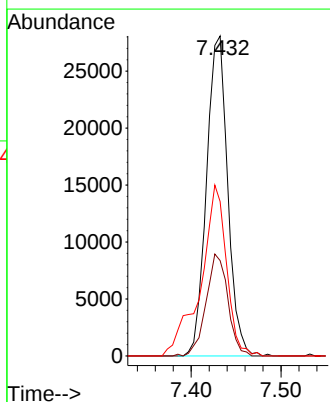
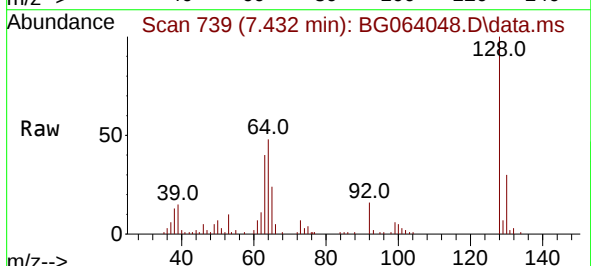
Manual Integrations
APPROVED

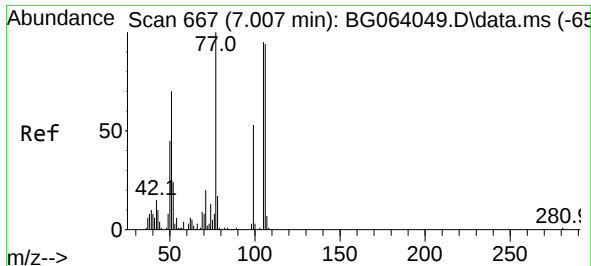
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#8
2-Chlorophenol
Concen: 20.527 ng
RT: 7.432 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

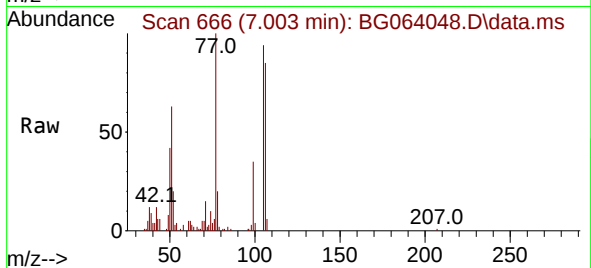
Tgt Ion:128 Resp: 46053
Ion Ratio Lower Upper
128 100
130 29.8 12.3 52.3
64 48.3 37.0 77.0





#9
Benzaldehyde
Concen: 22.246 ng m
RT: 7.003 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

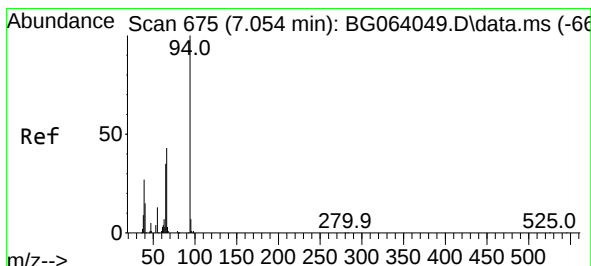
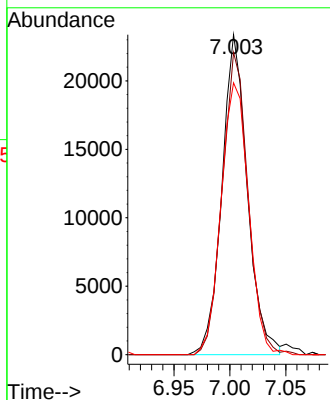
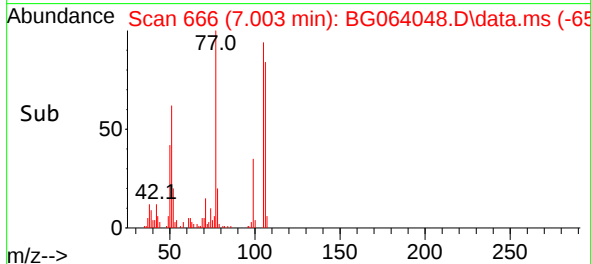
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 36954
Ion Ratio Lower Upper
77 100
105 94.5 75.5 115.5
106 84.9 74.2 114.2

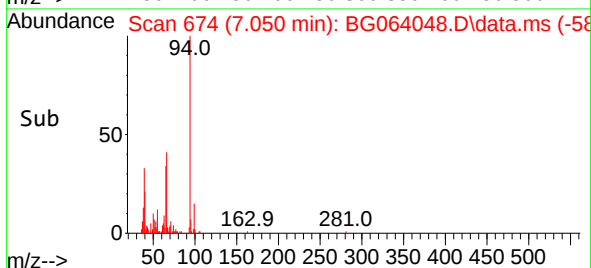
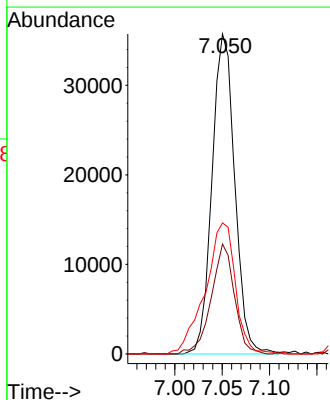
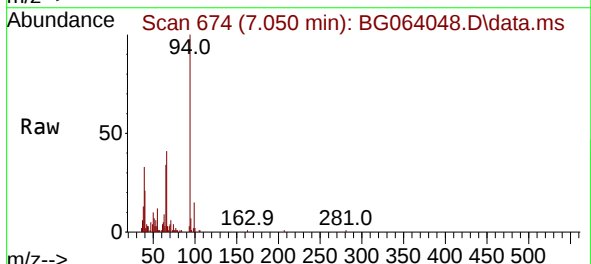
Manual Integrations
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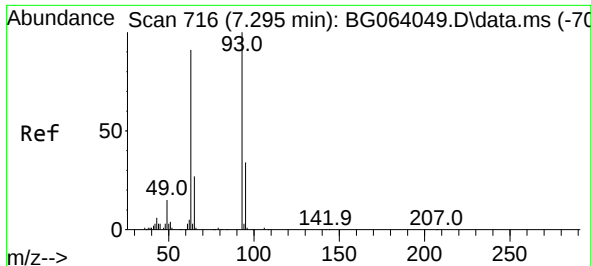
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#10
Phenol
Concen: 20.473 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 94 Resp: 59566
Ion Ratio Lower Upper
94 100
65 34.3 15.2 55.2
66 41.0 25.1 65.1





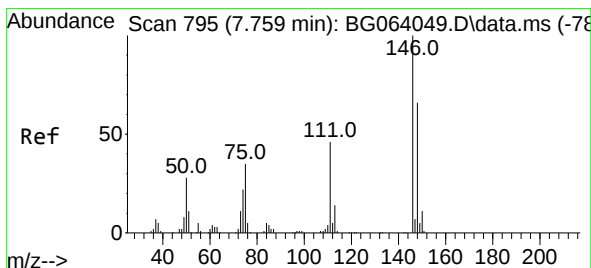
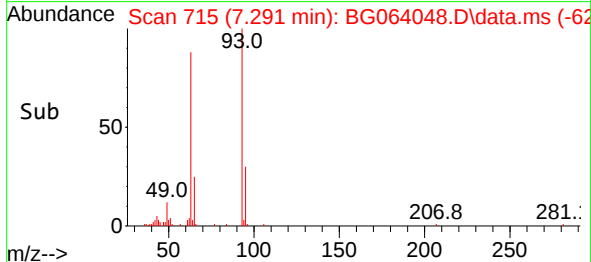
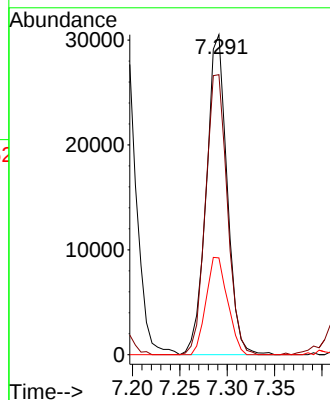
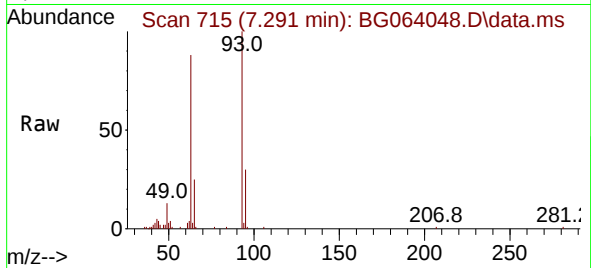
#11
bis(2-Chloroethyl)ether
Concen: 20.359 ng
RT: 7.291 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 46439
Ion Ratio Lower Upper
93 100
63 87.5 70.0 110.0
95 30.2 13.7 53.7

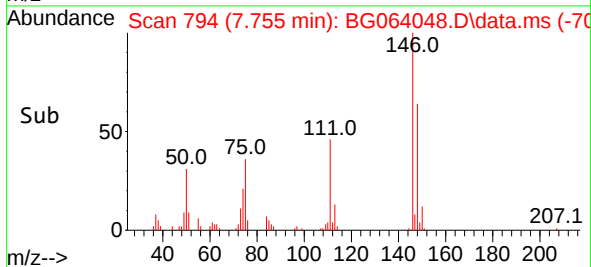
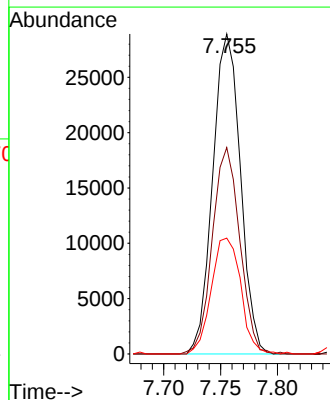
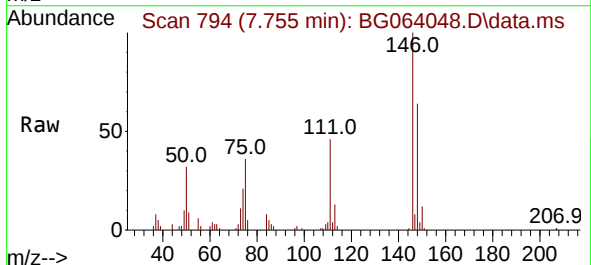
Manual Integrations
APPROVED

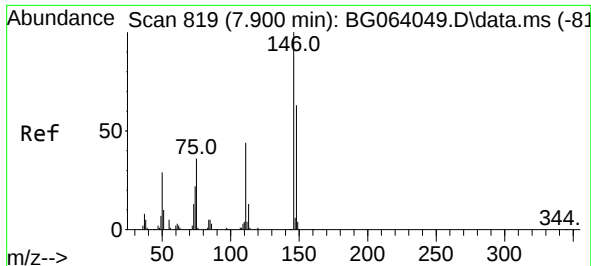
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#12
1,3-Dichlorobenzene
Concen: 19.871 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

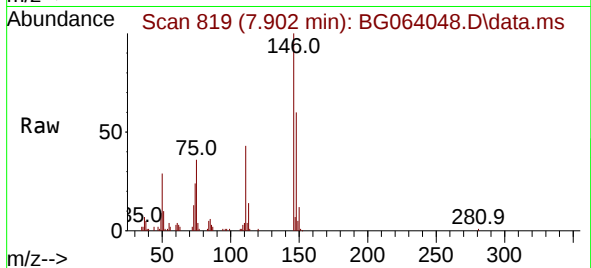
Tgt Ion:146 Resp: 48956
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 36.2 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 20.757 ng
RT: 7.902 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

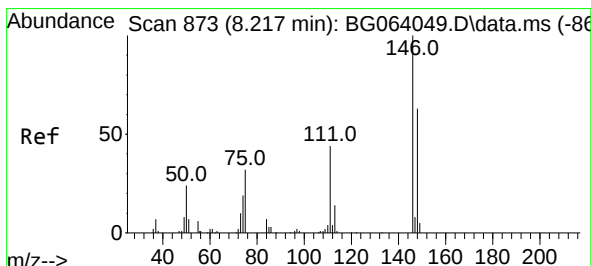
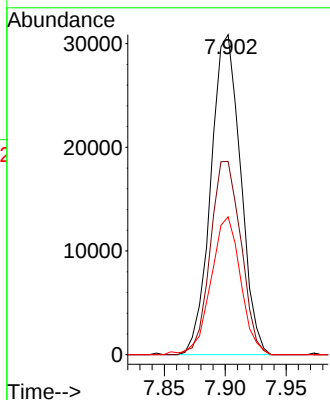
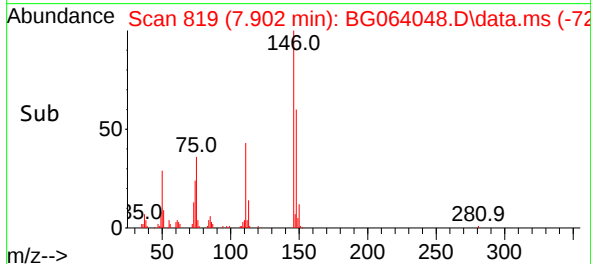
Instrument :
BNA_G
Client Sample Id :
SSTDICC020



Tgt Ion:146 Resp: 52419
Ion Ratio Lower Upper
146 100
148 60.4 50.6 75.8
111 43.1 35.1 52.7

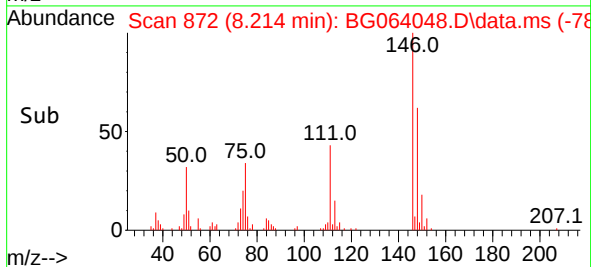
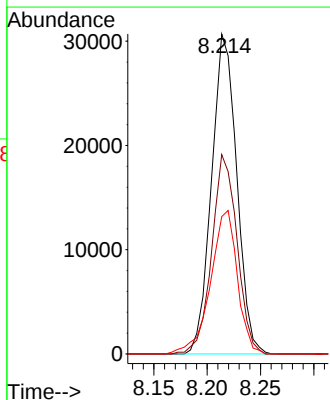
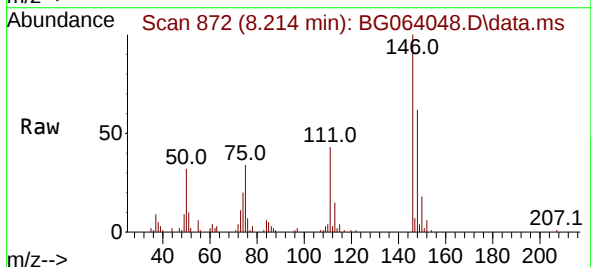
Manual Integrations
APPROVED

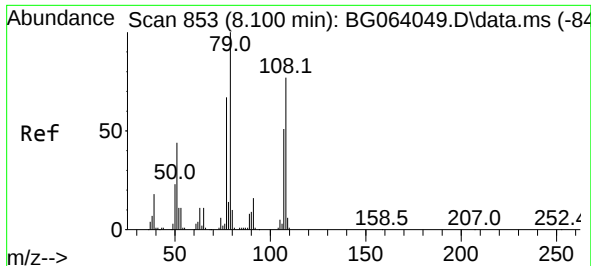
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#14
1,2-Dichlorobenzene
Concen: 20.663 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

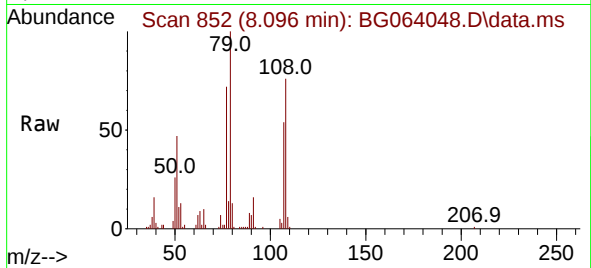
Tgt Ion:146 Resp: 50317
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 42.9 36.4 54.6





#15
Benzyl Alcohol
Concen: 19.946 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

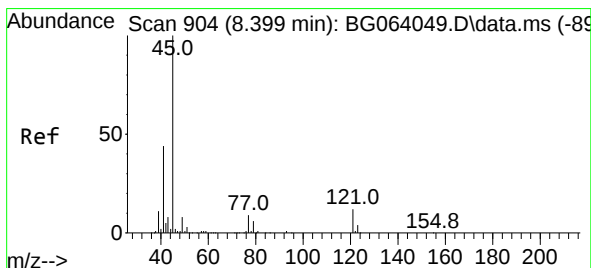
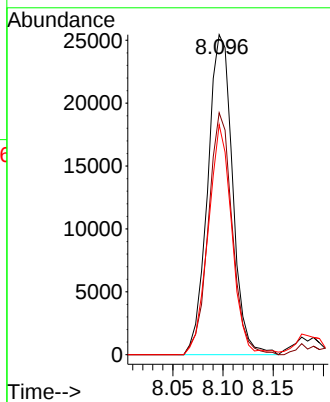
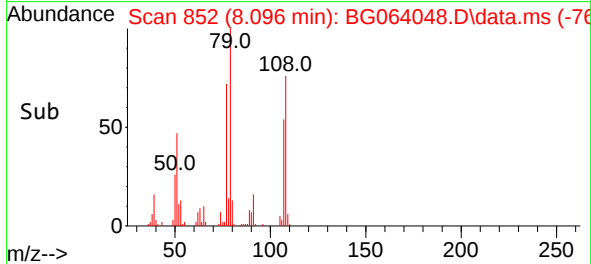
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 4380
Ion Ratio Lower Upper
79 100
108 75.6 61.7 92.5
77 71.9 53.9 80.9

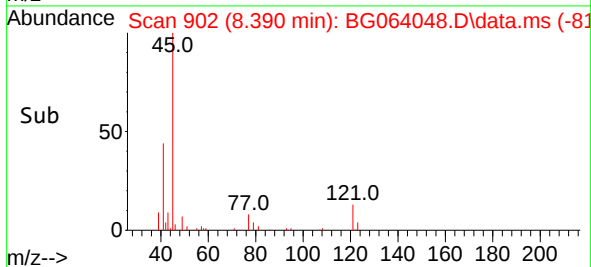
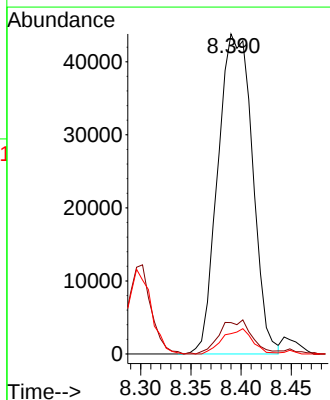
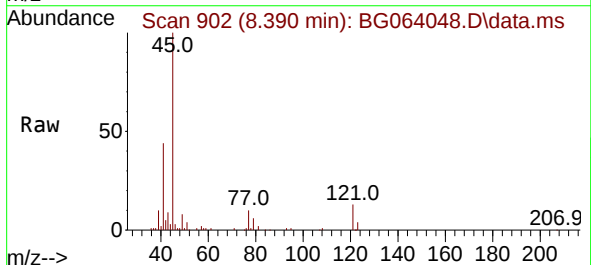
Manual Integrations
APPROVED

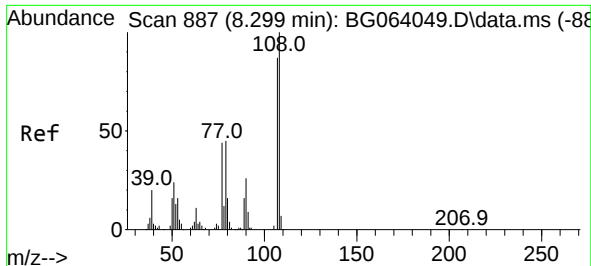
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.405 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 45 Resp: 104660
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.0
79 6.3 0.0 26.6





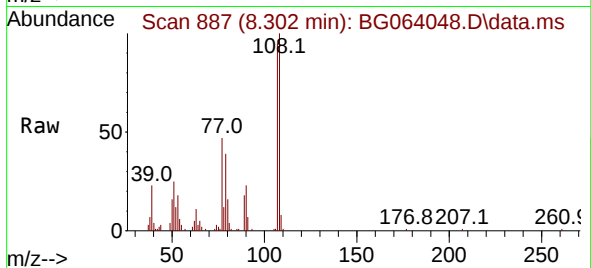
#17
2-Methylphenol
Concen: 19.883 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

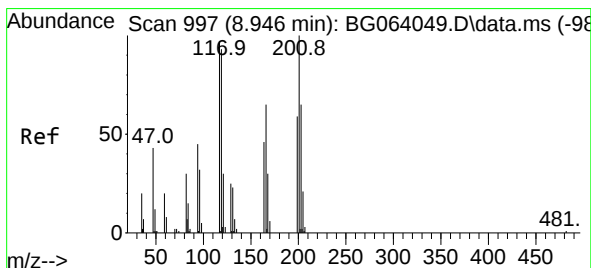
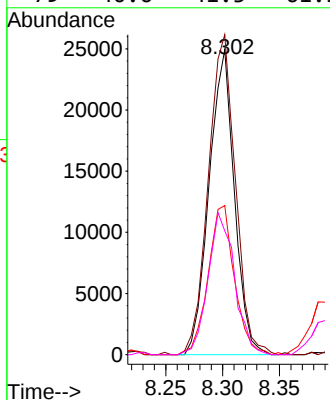
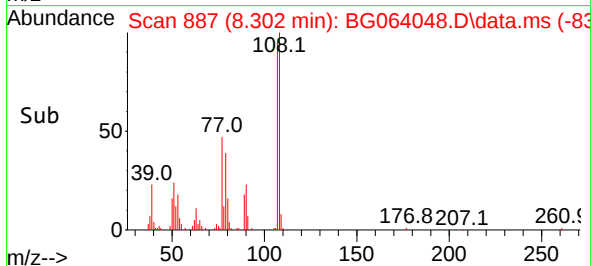


Tgt Ion:107 Resp: 3839
Ion Ratio Lower Upper
107 100
108 104.8 92.5 138.7
77 48.9 40.5 60.7
79 40.6 41.3 61.9#

Manual Integrations

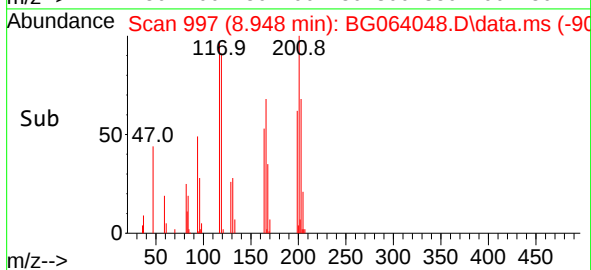
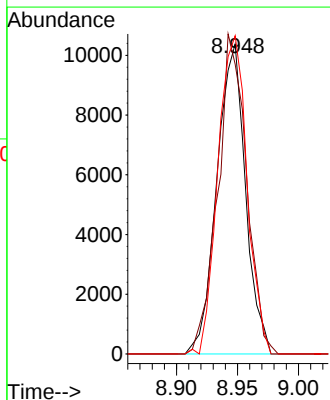
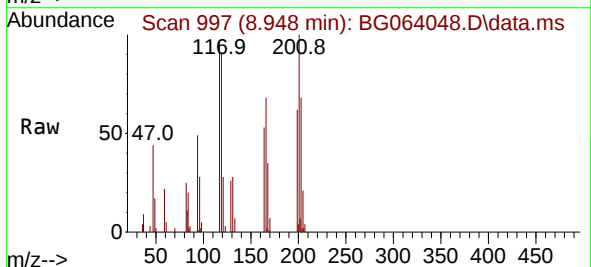
APPROVED

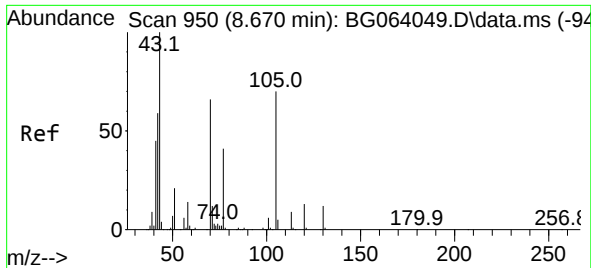
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#18
Hexachloroethane
Concen: 19.194 ng
RT: 8.948 min Scan# 997
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:117 Resp: 16959
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2
201 102.7 81.5 122.3





#19
n-Nitroso-di-n-propylamine
Concen: 20.960 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

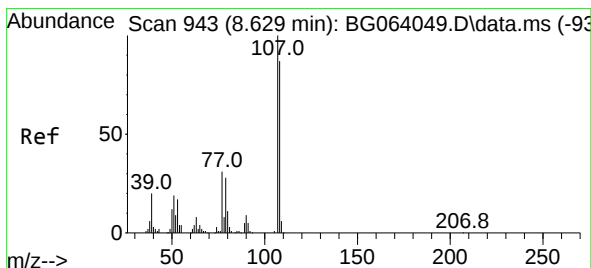
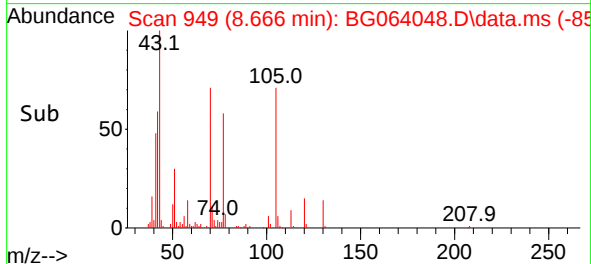
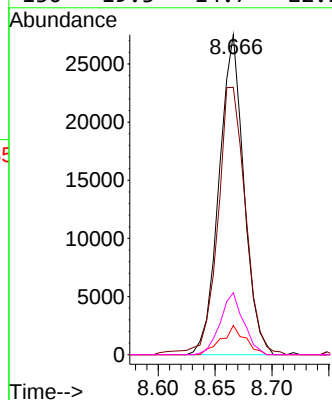
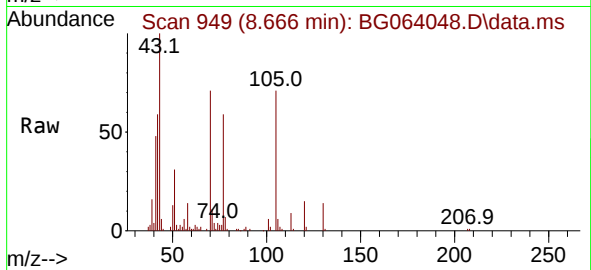
SSTDICC020

Tgt Ion: 70 Resp: 4180
Ion Ratio Lower Upper
70 100
42 83.5 72.1 108.1
101 9.2 7.2 10.8
130 19.3 14.7 22.1

Manual Integrations

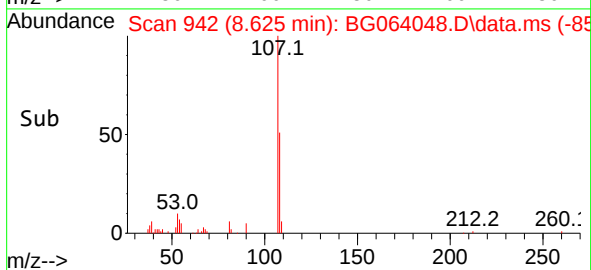
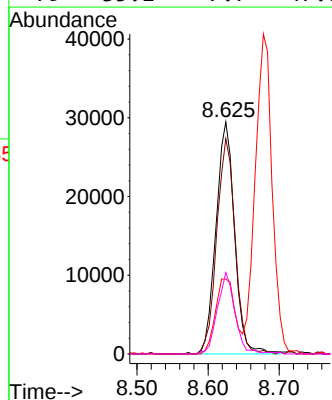
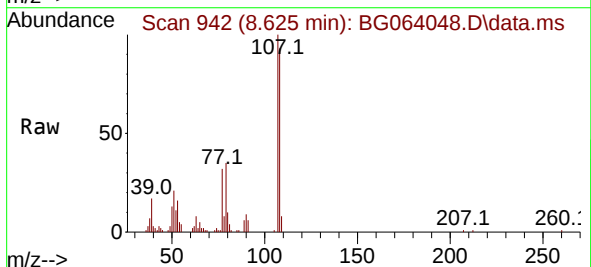
APPROVED

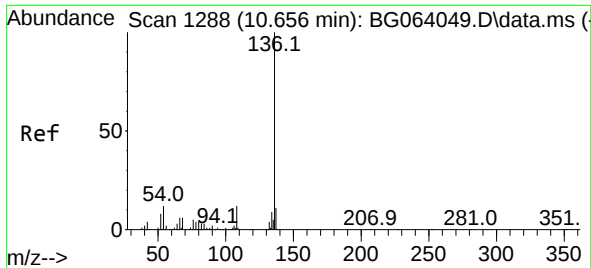
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#20
3+4-Methylphenols
Concen: 20.102 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:107 Resp: 53440
Ion Ratio Lower Upper
107 100
108 92.8 67.0 107.0
77 32.3 11.2 51.2
79 35.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

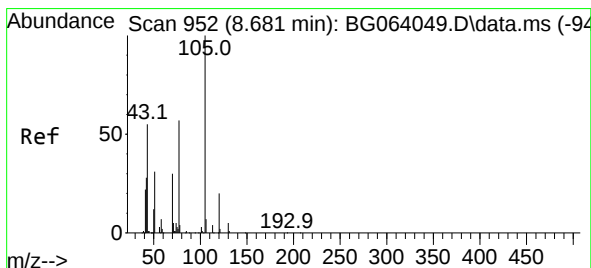
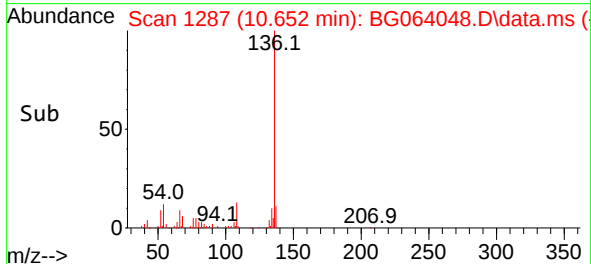
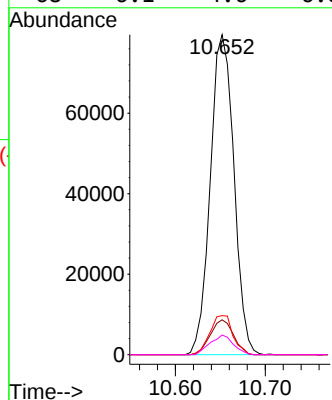
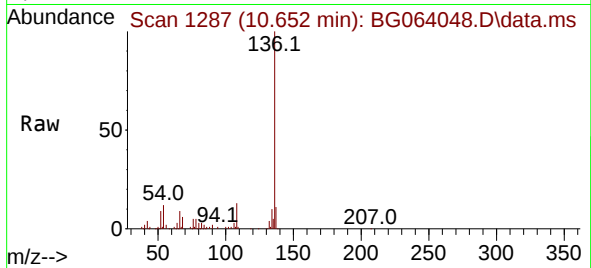
SSTDICC020

Tgt Ion:136 Resp: 14508
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 12.2 9.9 14.9
68 6.1 4.6 6.8

Manual Integrations

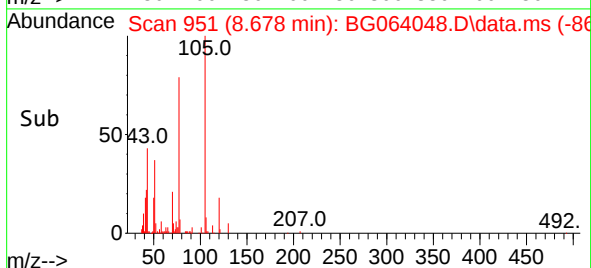
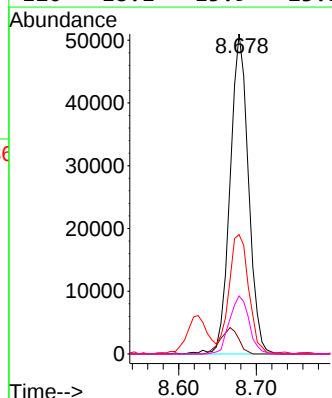
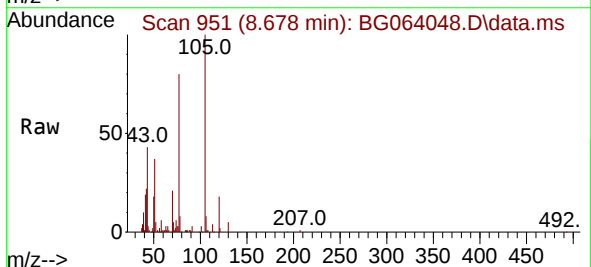
APPROVED

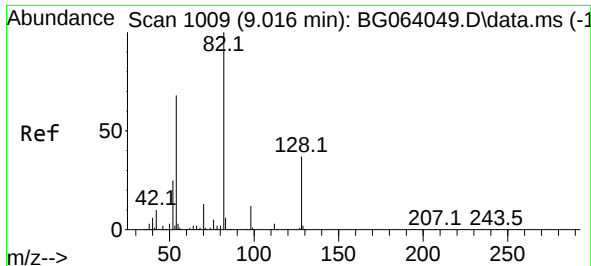
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#22
Acetophenone
Concen: 21.140 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:105 Resp: 84092
Ion Ratio Lower Upper
105 100
71 4.6 4.2 6.4
51 37.3 33.3 49.9
120 18.1 15.9 23.9





#23
Nitrobenzene-d5
Concen: 39.746 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

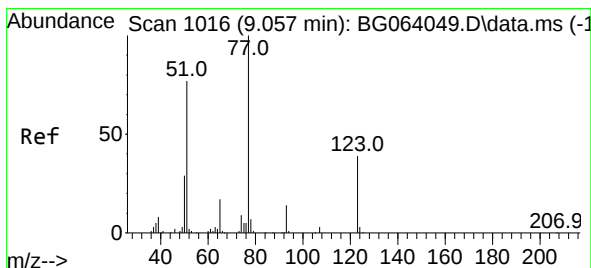
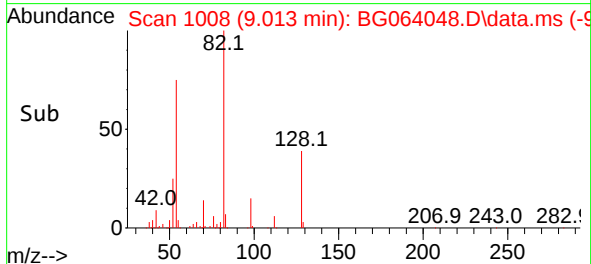
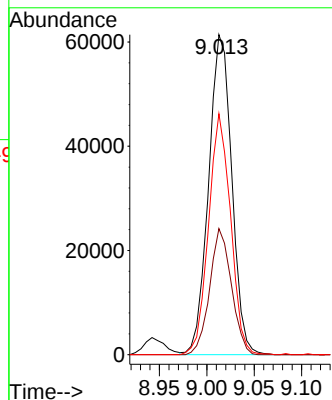
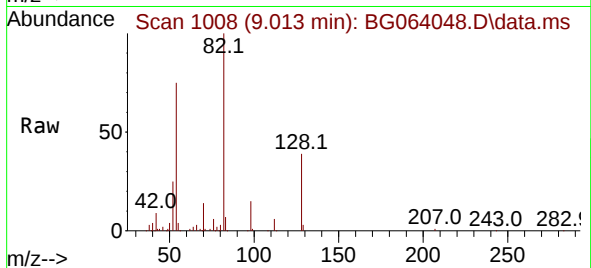
SSTDICC020

Tgt Ion: 82 Resp: 10434
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 75.3 54.7 82.1

Manual Integrations

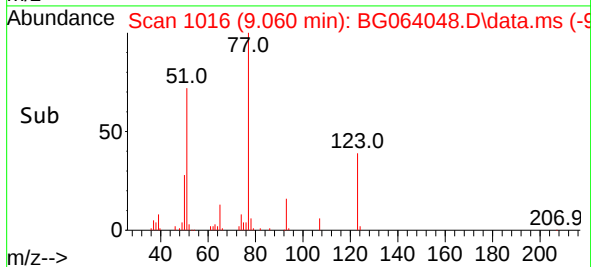
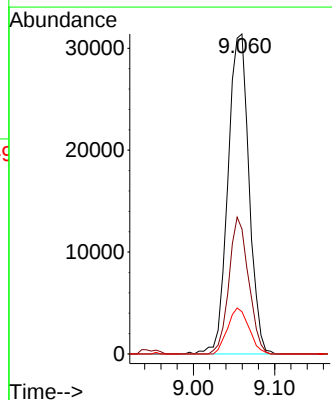
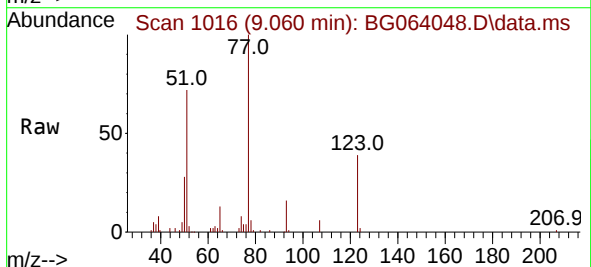
APPROVED

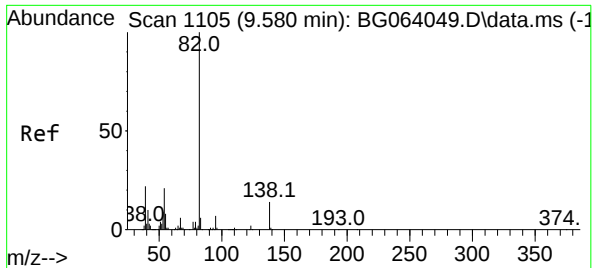
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#24
Nitrobenzene
Concen: 20.828 ng
RT: 9.060 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 77 Resp: 56511
Ion Ratio Lower Upper
77 100
123 39.1 31.4 47.2
65 13.2 13.4 20.0#





#25
Isophorone
Concen: 20.530 ng
RT: 9.577 min Scan# 1105
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

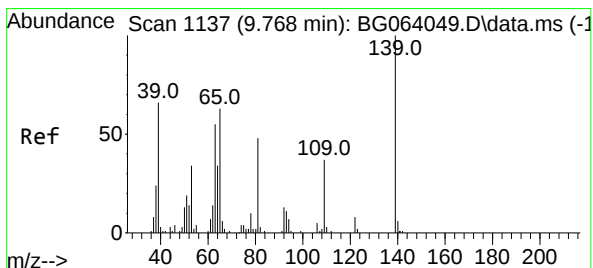
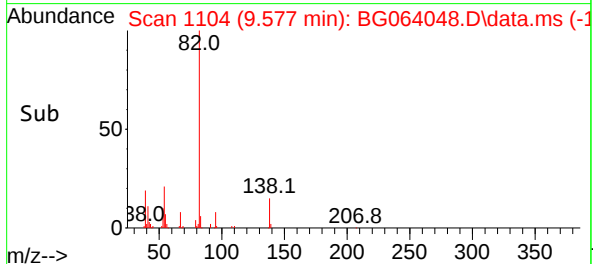
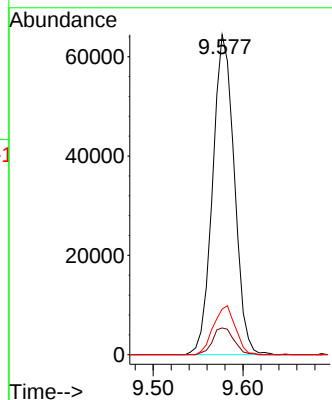
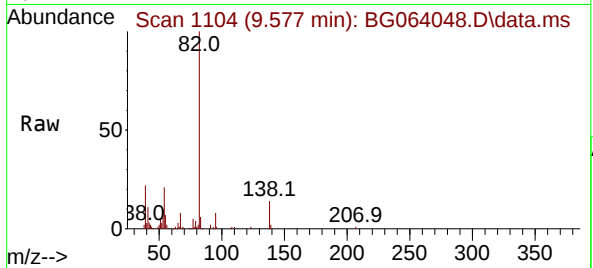
ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 10788
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 14.3 10.9 16.3

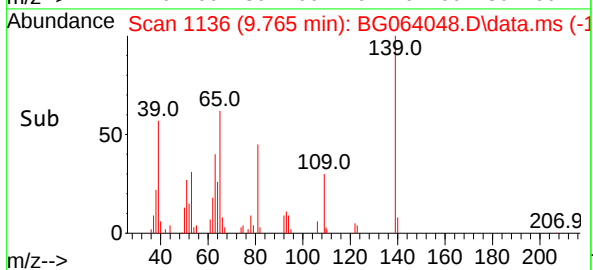
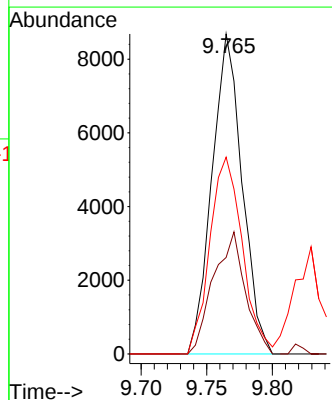
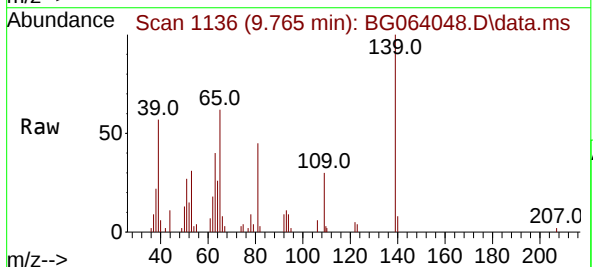
Manual Integrations
APPROVED

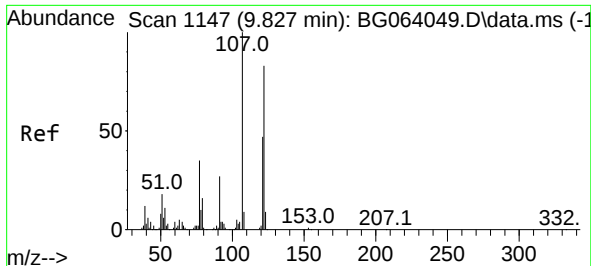
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#26
2-Nitrophenol
Concen: 18.663 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:139 Resp: 13886
Ion Ratio Lower Upper
139 100
109 33.1 29.9 44.9
65 61.5 50.6 76.0





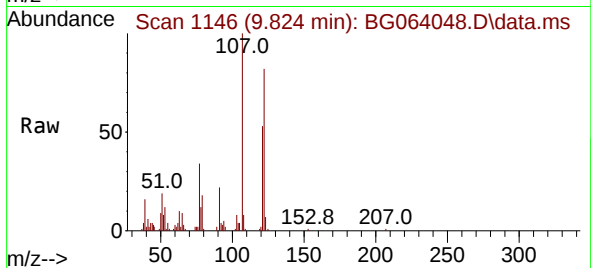
#27
2,4-Dimethylphenol
Concen: 20.322 ng
RT: 9.824 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

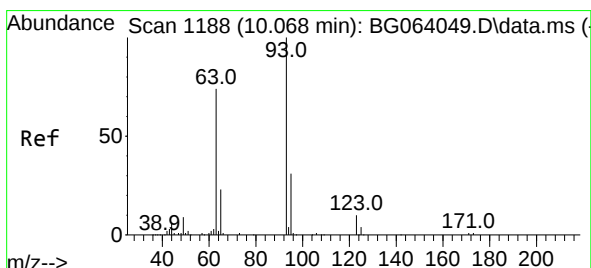
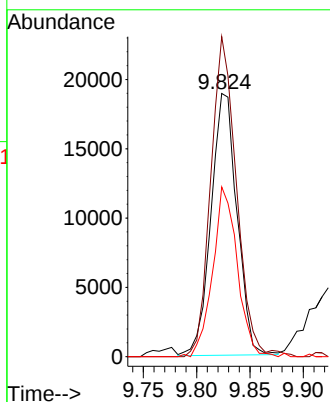
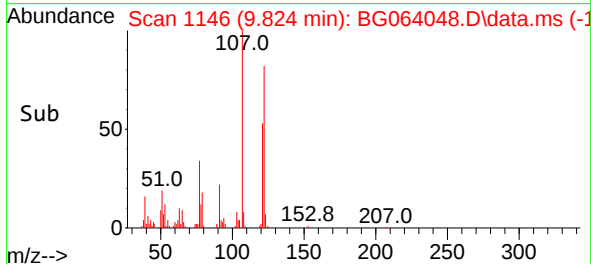


Tgt Ion:122 Resp: 3201
Ion Ratio Lower Upper
122 100
107 121.6 95.4 143.0
121 64.5 44.9 67.3

Manual Integrations

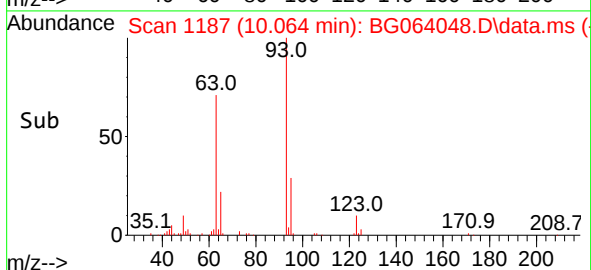
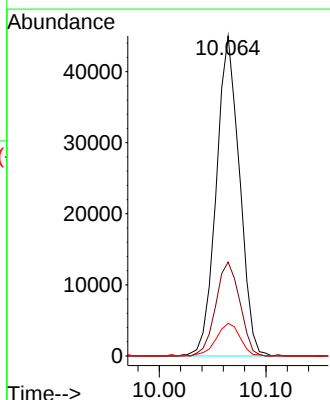
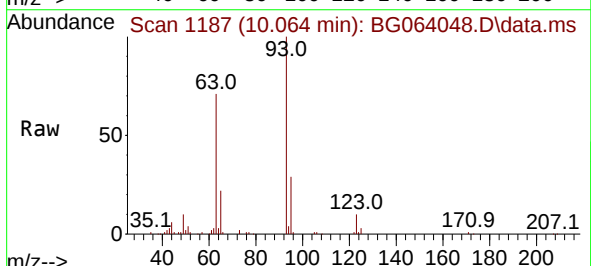
APPROVED

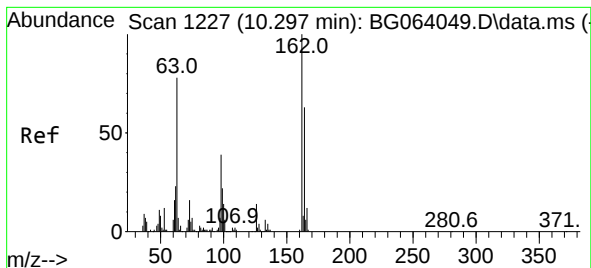
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 21.327 ng
RT: 10.064 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

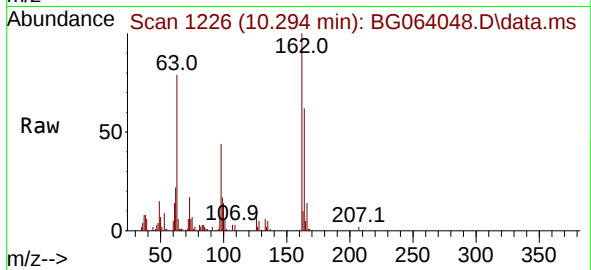
Tgt Ion: 93 Resp: 67945
Ion Ratio Lower Upper
93 100
95 29.3 25.0 37.4
123 10.2 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 20.475 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

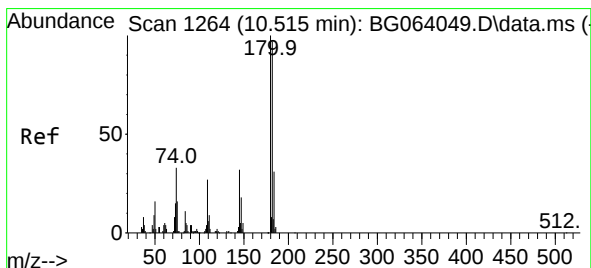
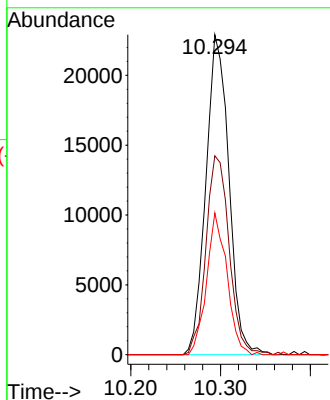
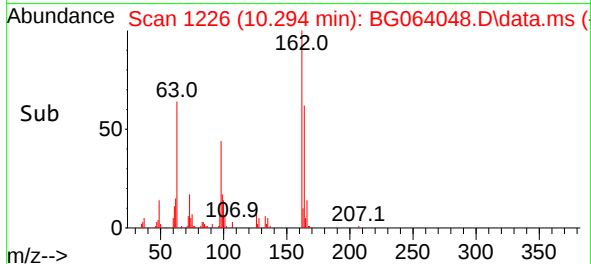
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 40728
Ion Ratio Lower Upper
162 100
164 62.2 42.8 82.8
98 44.3 19.1 59.1

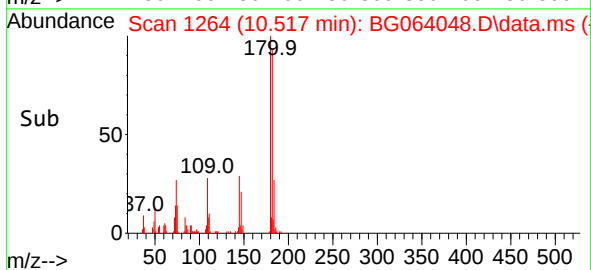
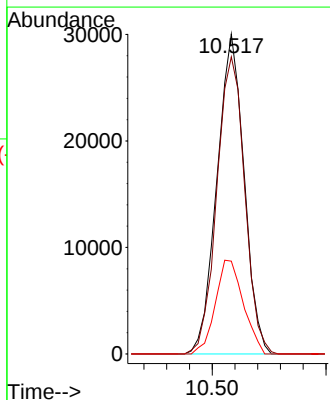
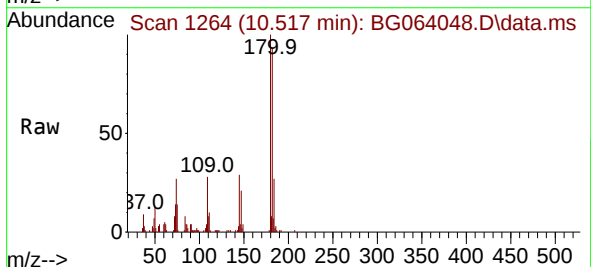
Manual Integrations
APPROVED

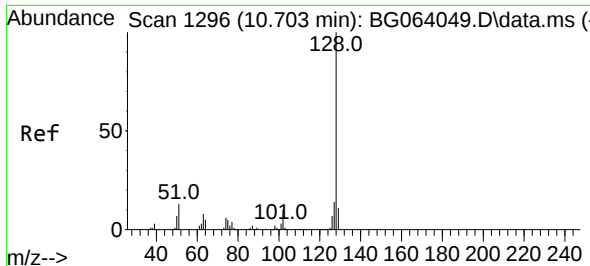
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#30
1,2,4-Trichlorobenzene
Concen: 20.698 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

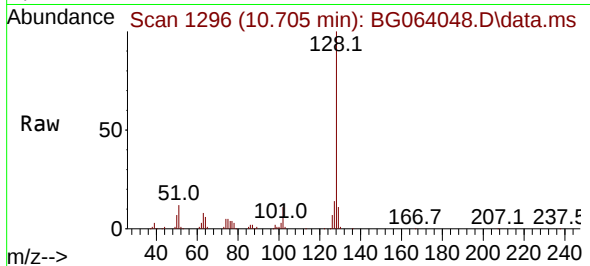
Tgt Ion:180 Resp: 49701
Ion Ratio Lower Upper
180 100
182 92.8 77.3 115.9
145 29.0 25.2 37.8





#31
Naphthalene
Concen: 20.654 ng
RT: 10.705 min Scan# 1164
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

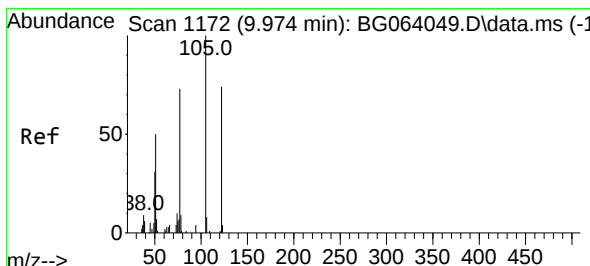
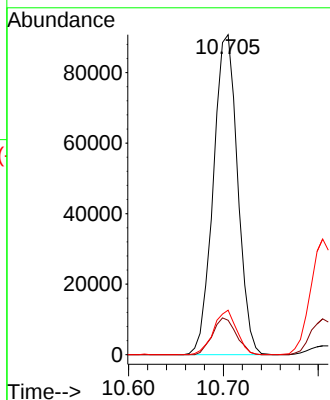
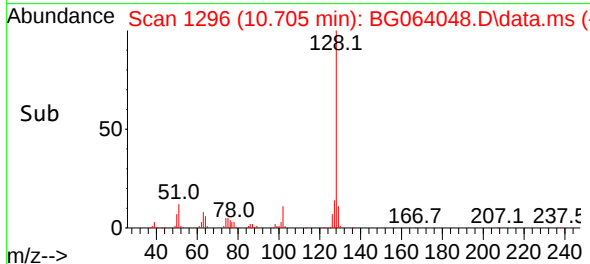
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 16158
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.9 11.1 16.7

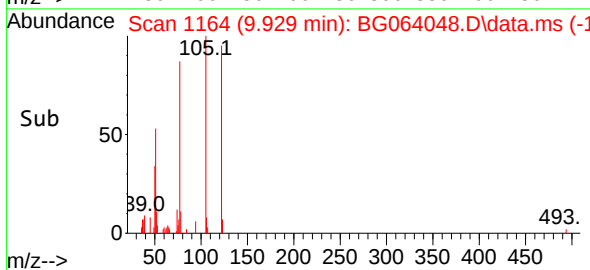
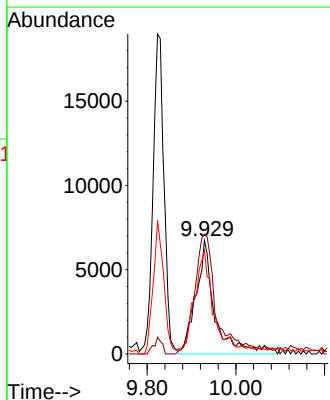
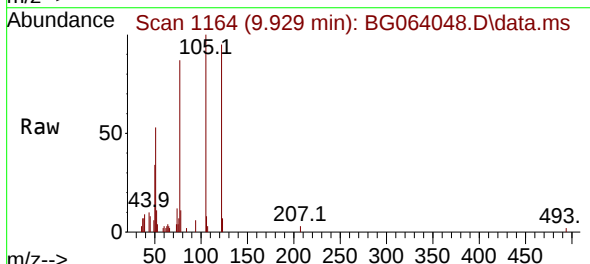
Manual Integrations
APPROVED

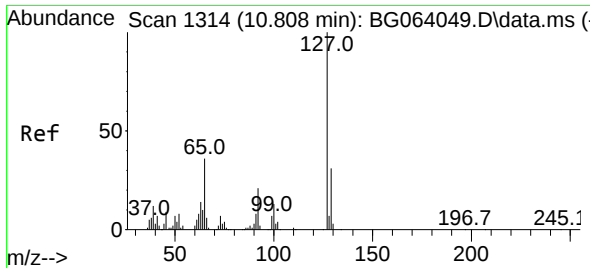
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#32
Benzoic acid
Concen: 20.131 ng m
RT: 9.929 min Scan# 1164
Delta R.T. -0.045 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:122 Resp: 20223
Ion Ratio Lower Upper
122 100
105 105.6 115.0 155.0#
77 91.5 80.9 120.9





#33
4-Chloroaniline
Concen: 20.668 ng
RT: 10.805 min Scan# 1313
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

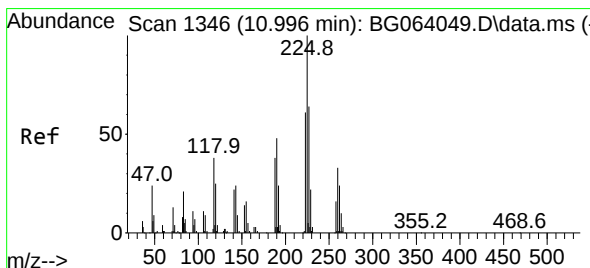
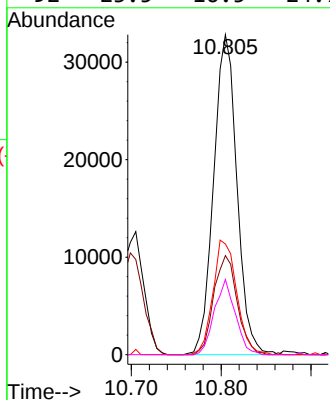
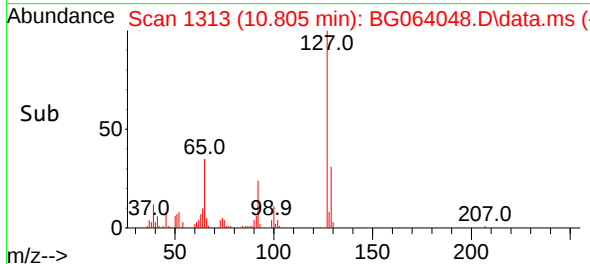
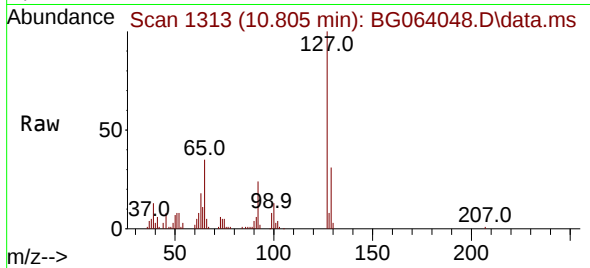
SSTDICC020

Tgt Ion:	127	Resp:	5909
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.0	37.4
65	34.6	28.5	42.7
92	23.5	16.5	24.7

Manual Integrations

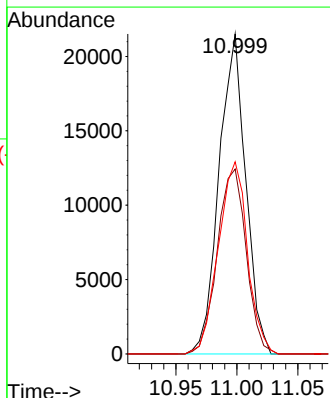
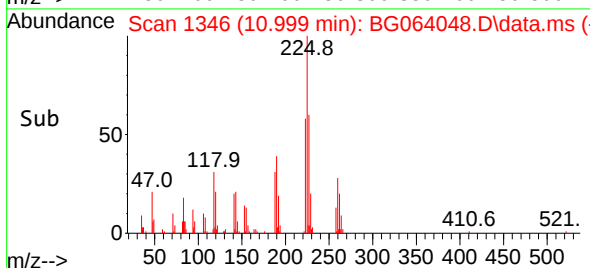
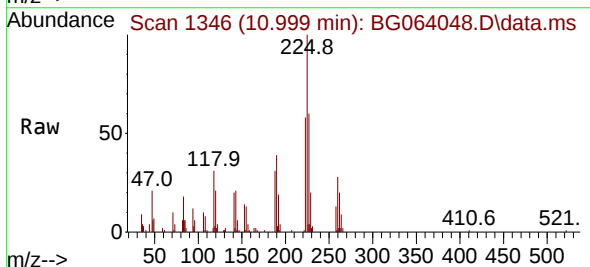
APPROVED

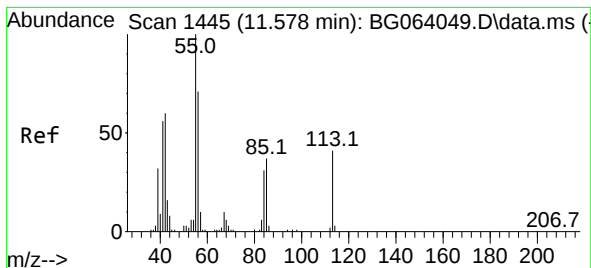
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#34
Hexachlorobutadiene
Concen: 20.760 ng
RT: 10.999 min Scan# 1346
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:	225	Resp:	32675
Ion	Ratio	Lower	Upper
225	100		
223	57.8	48.5	72.7
227	60.1	51.0	76.6





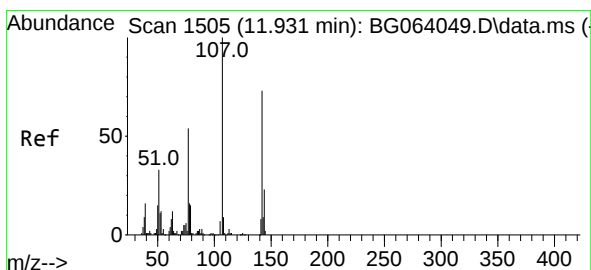
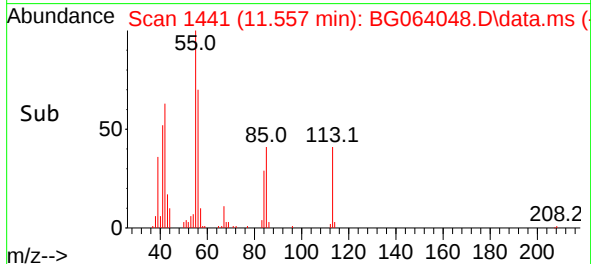
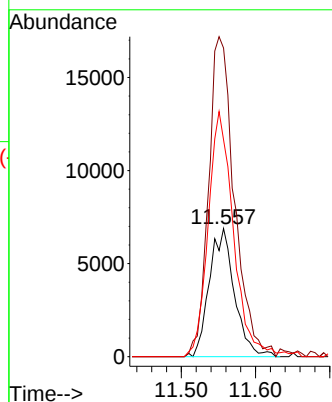
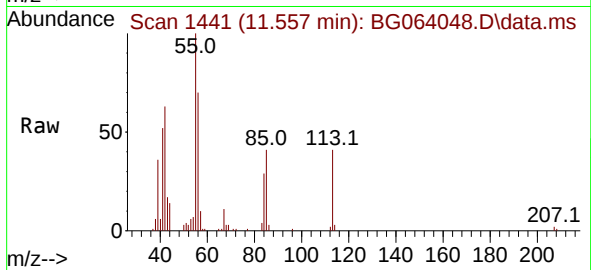
#35
Caprolactam
Concen: 21.319 ng
RT: 11.557 min Scan# 1441
Delta R.T. -0.021 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 1625
Ion Ratio Lower Upper
113 100
55 241.0 225.2 265.2
56 169.2 153.4 193.4

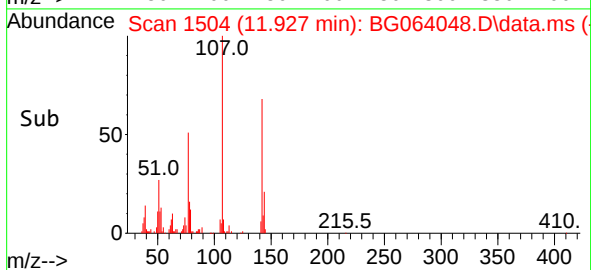
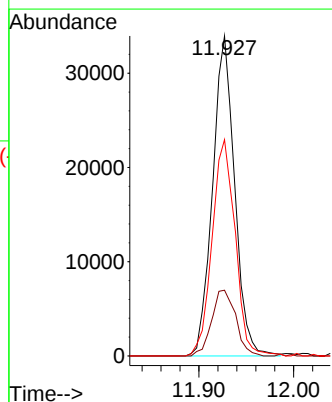
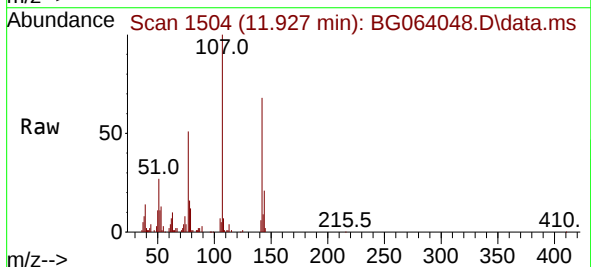
Manual Integrations
APPROVED

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



#36
4-Chloro-3-methylphenol
Concen: 21.103 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

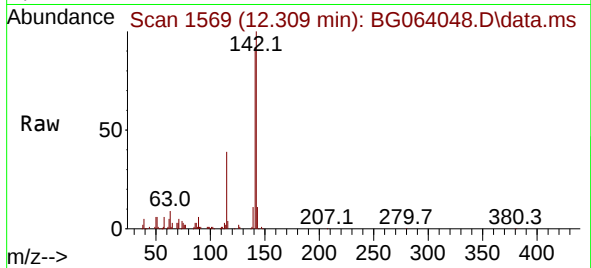
Tgt Ion:107 Resp: 55024
Ion Ratio Lower Upper
107 100
144 20.5 18.6 28.0
142 67.6 58.0 87.0





#37
2-Methylnaphthalene
Concen: 20.696 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

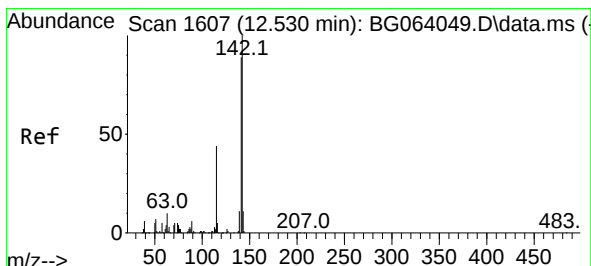
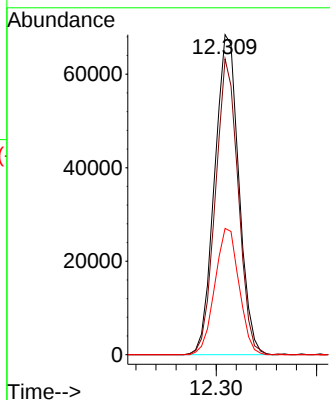
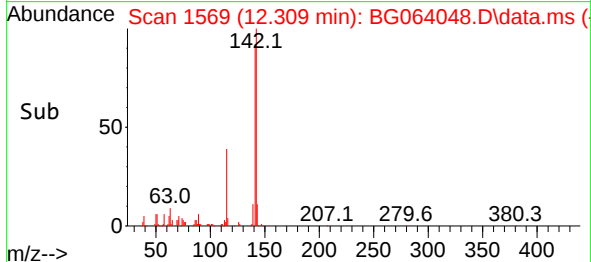
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



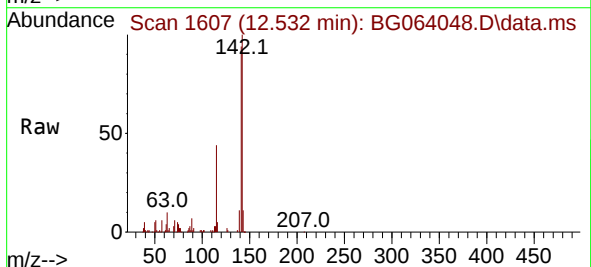
Tgt Ion:142 Resp: 11430
Ion Ratio Lower Upper
142 100
141 92.5 68.6 103.0
115 39.4 32.8 49.2

Manual Integrations
APPROVED

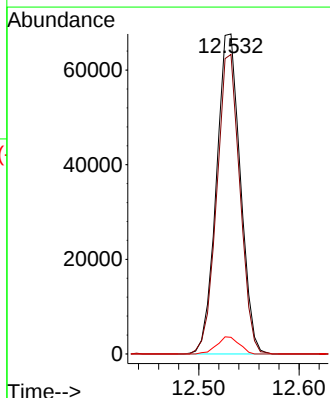
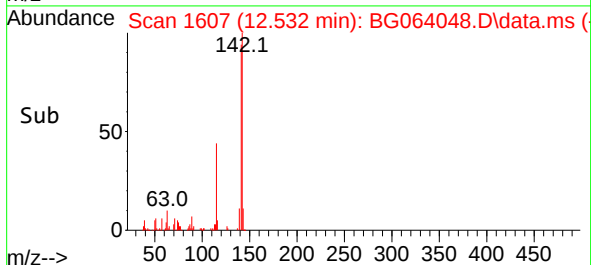
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

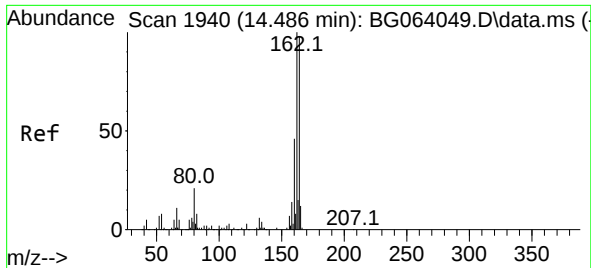


#38
1-Methylnaphthalene
Concen: 20.668 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



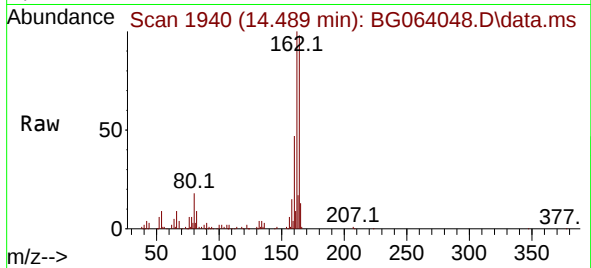
Tgt Ion:142 Resp: 111828
Ion Ratio Lower Upper
142 100
141 93.6 71.2 106.8
116 5.2 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

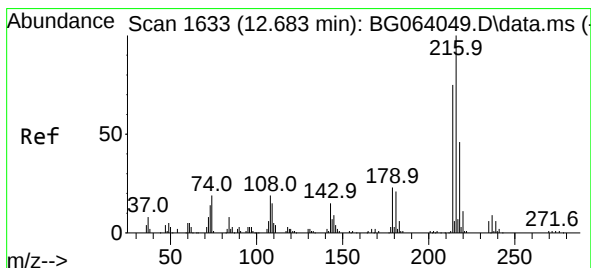
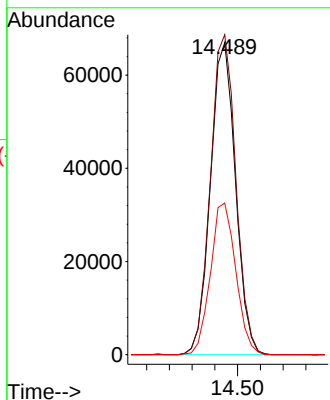
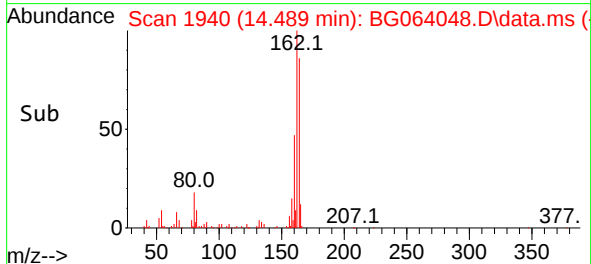
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



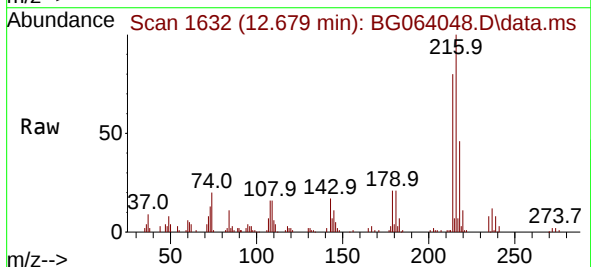
Tgt Ion:164 Resp: 102335
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 48.6 37.0 55.6

Manual Integrations
APPROVED

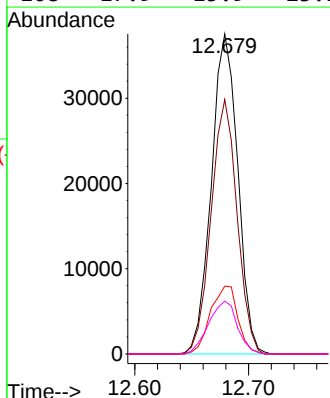
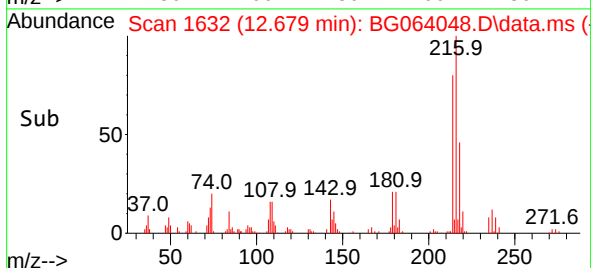
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

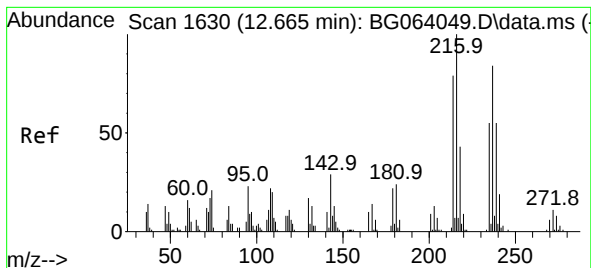


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.727 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



Tgt Ion:216 Resp: 60556
Ion Ratio Lower Upper
216 100
214 78.2 61.7 92.5
179 22.0 17.9 26.9
108 17.9 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 20.029 ng

RT: 12.667 min Scan# 1630

Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

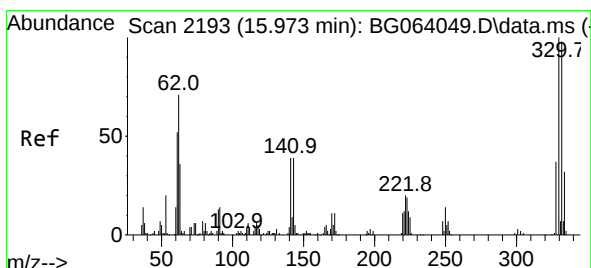
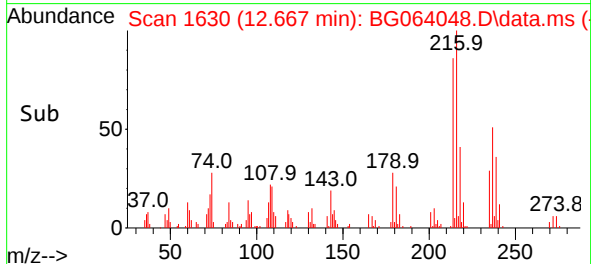
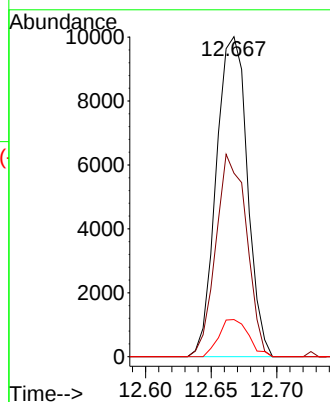
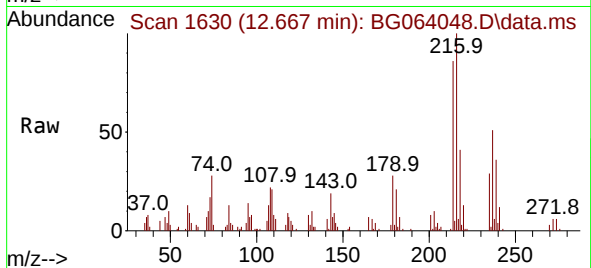
SSTDICC020

Tgt Ion:	237	Resp:	16470
Ion Ratio	Lower	Upper	
237	100		
235	57.4	46.0	86.0
272	11.6	0.0	32.8

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 40.723 ng

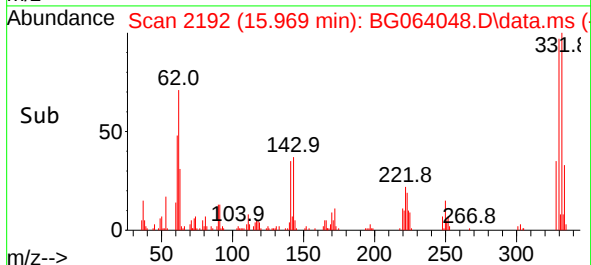
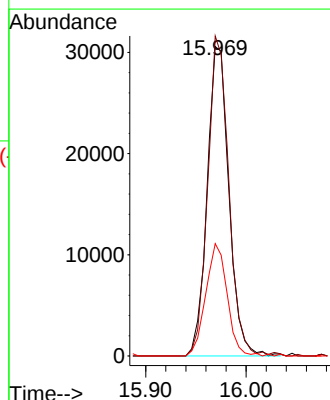
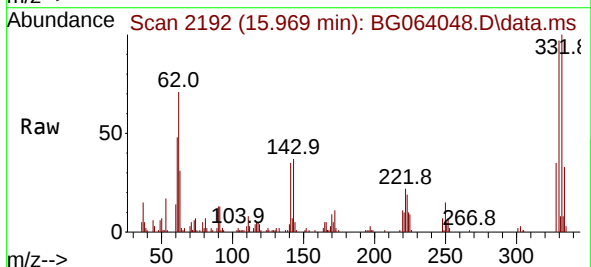
RT: 15.969 min Scan# 2192

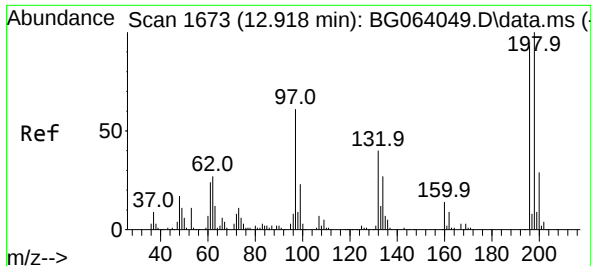
Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Tgt Ion:	330	Resp:	46324
Ion Ratio	Lower	Upper	
330	100		
332	99.8	76.7	115.1
141	35.7	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 20.264 ng
RT: 12.914 min Scan# 1672
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

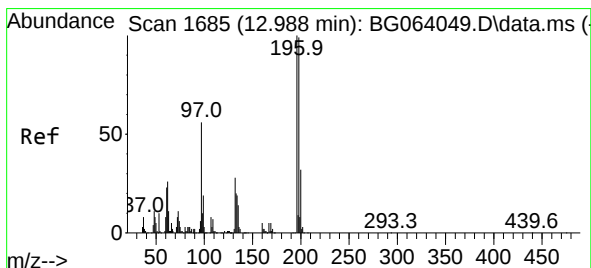
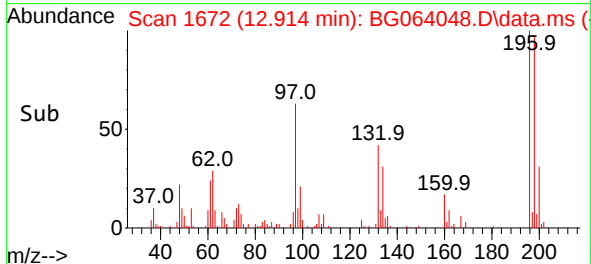
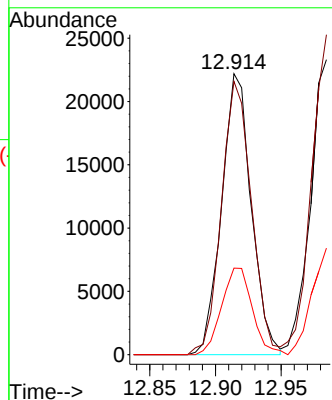
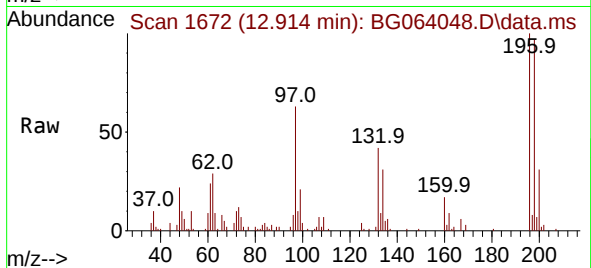
SSTDICC020

Tgt Ion:196 Resp: 3489
Ion Ratio Lower Upper
196 100
198 97.3 85.6 128.4
200 30.8 24.6 37.0

Manual Integrations

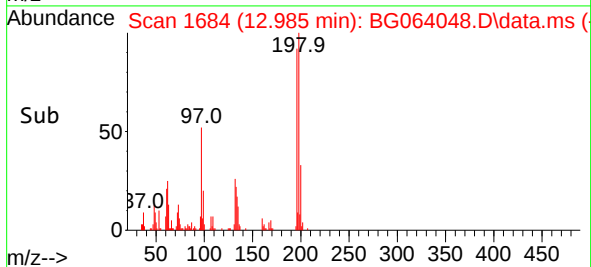
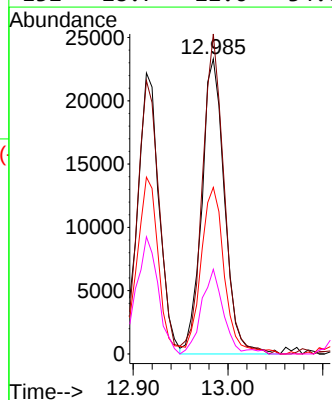
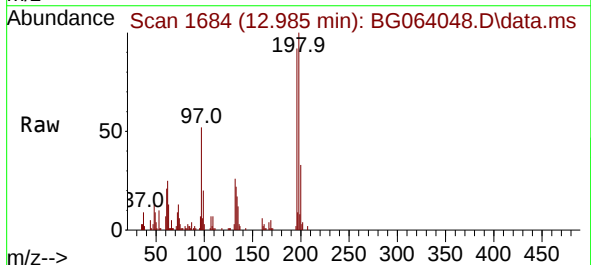
APPROVED

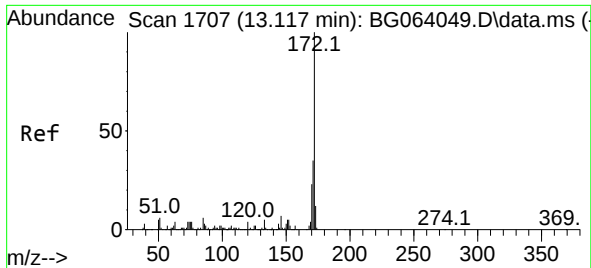
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#44
2,4,5-Trichlorophenol
Concen: 20.381 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:196 Resp: 38995
Ion Ratio Lower Upper
196 100
198 108.4 79.5 119.3
97 56.4 45.2 67.8
132 28.7 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 41.267 ng
RT: 13.114 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

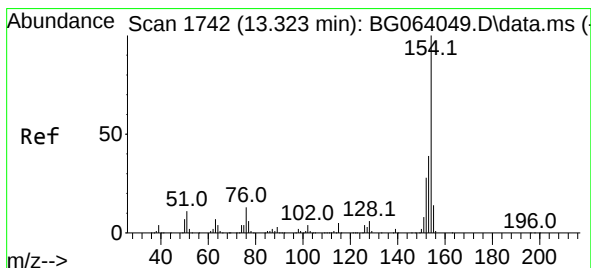
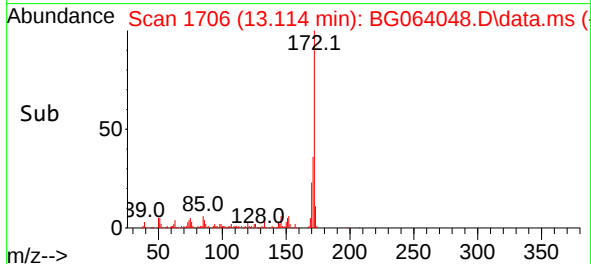
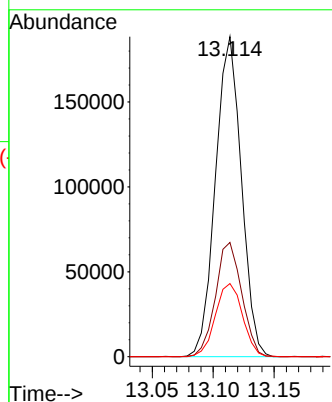
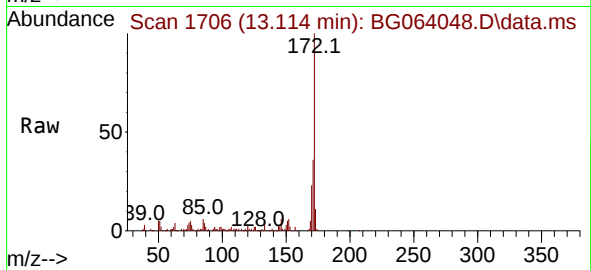
SSTDICC020

Tgt Ion:172 Resp: 278220
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 22.9 18.7 28.1

Manual Integrations

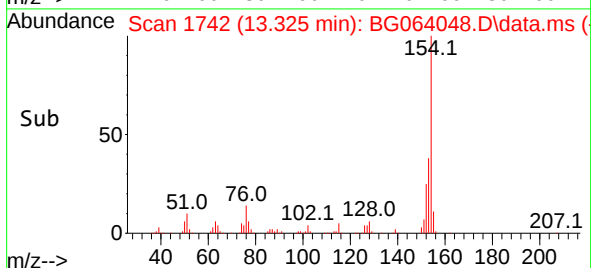
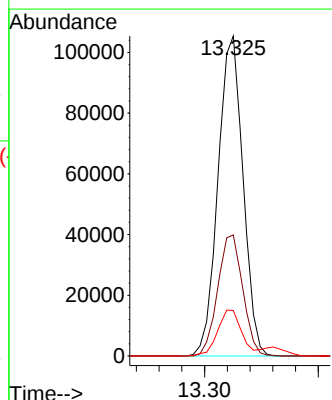
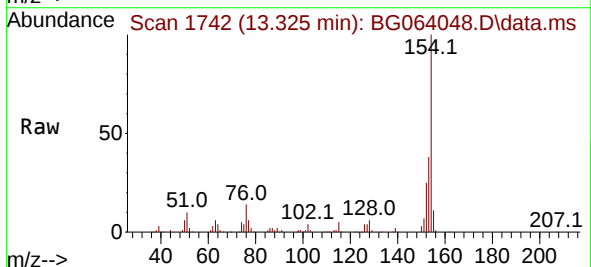
APPROVED

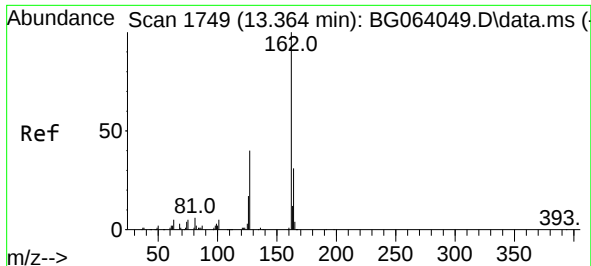
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#46
1,1'-Biphenyl
Concen: 20.803 ng
RT: 13.325 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:154 Resp: 160835
Ion Ratio Lower Upper
154 100
153 37.8 19.5 59.5
76 14.2 0.0 33.5





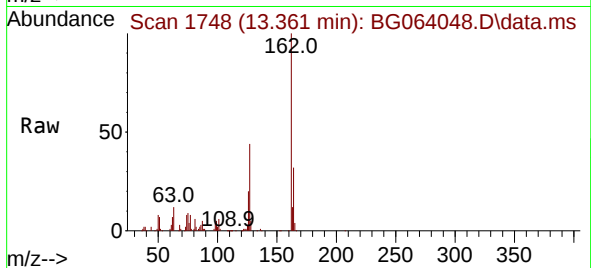
#47
2-Chloronaphthalene
Concen: 19.971 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

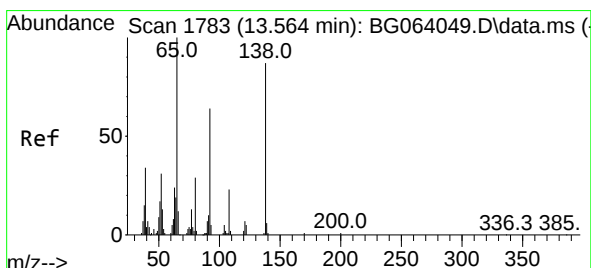
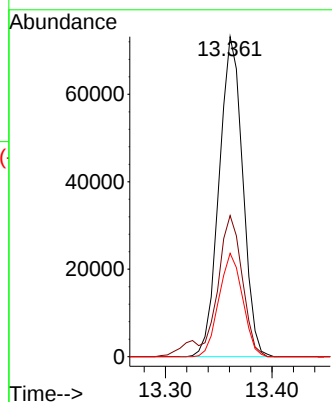
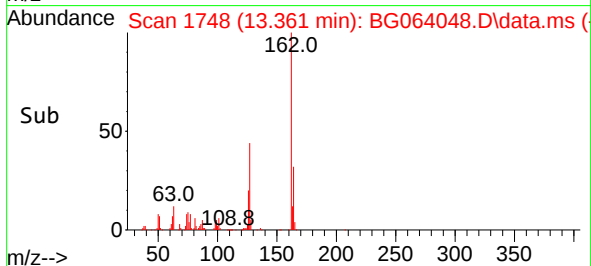


Tgt Ion:162 Resp: 11261
Ion Ratio Lower Upper
162 100
127 44.1 35.0 52.4
164 32.3 25.0 37.6

Manual Integrations

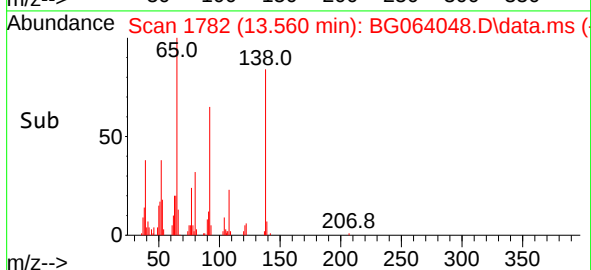
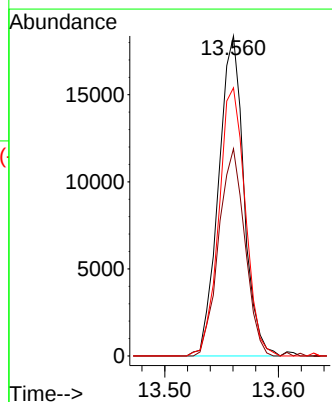
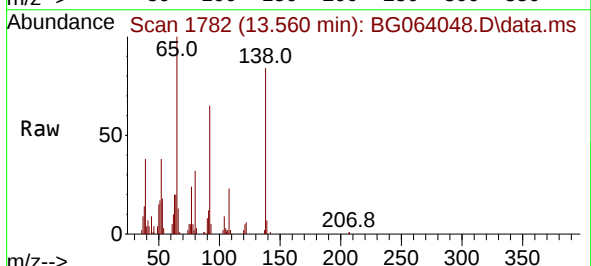
APPROVED

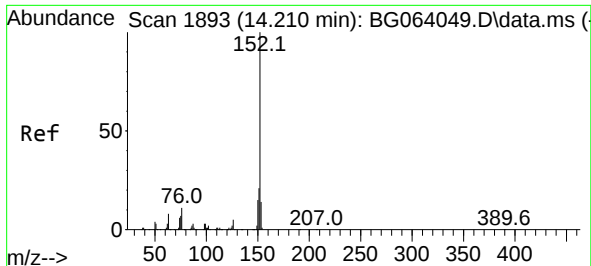
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#48
2-Nitroaniline
Concen: 18.684 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

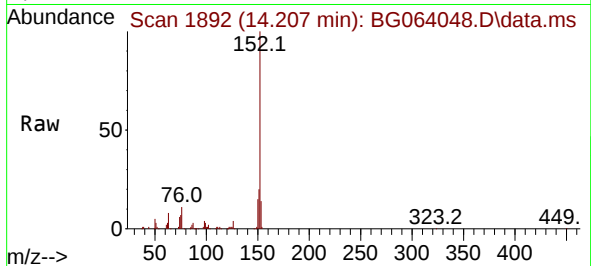
Tgt Ion: 65 Resp: 28373
Ion Ratio Lower Upper
65 100
92 64.8 51.2 76.8
138 83.8 69.4 104.2





#49
Acenaphthylene
Concen: 20.571 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

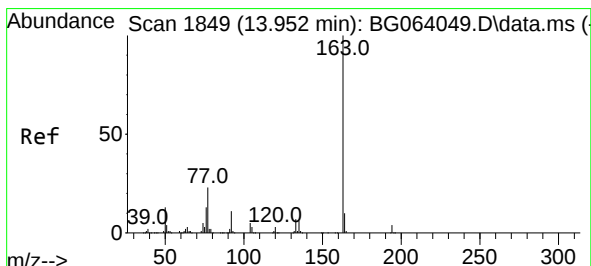
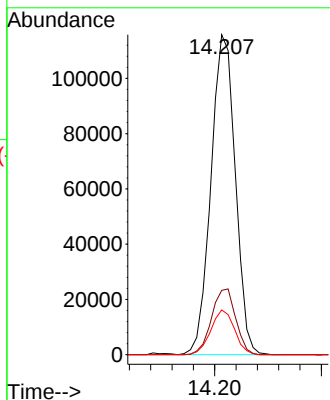
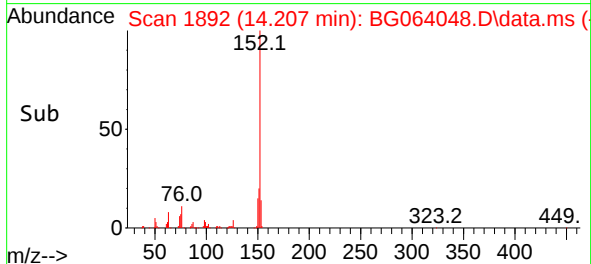
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



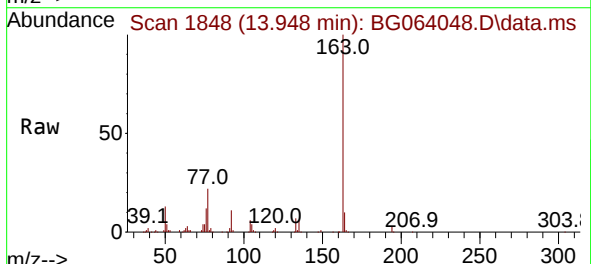
Tgt Ion:152 Resp: 183469
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 14.0 10.9 16.3

Manual Integrations
APPROVED

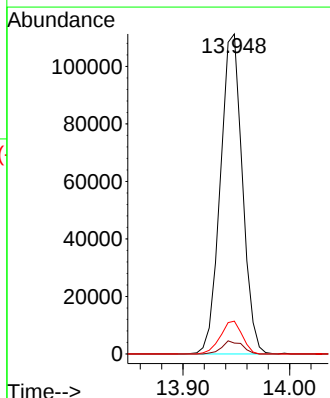
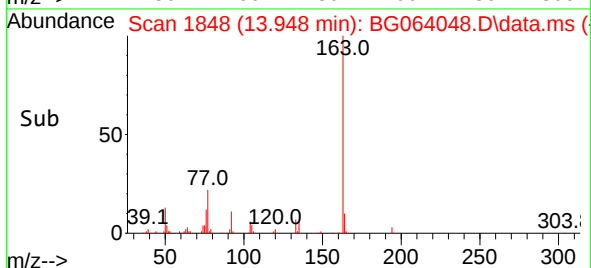
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

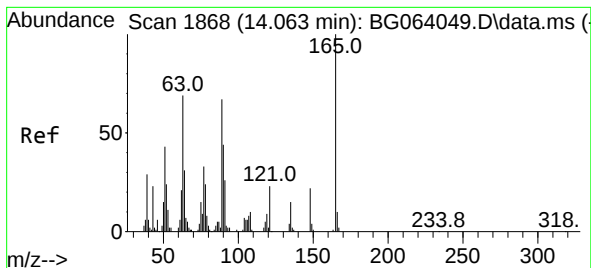


#50
Dimethylphthalate
Concen: 21.114 ng
RT: 13.948 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



Tgt Ion:163 Resp: 159500
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.614 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

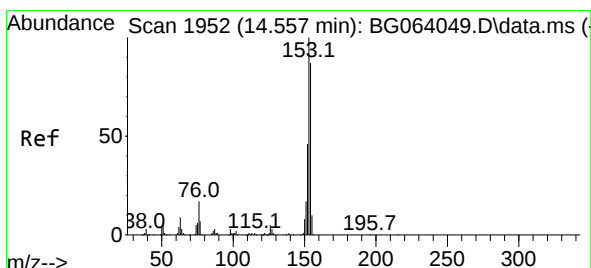
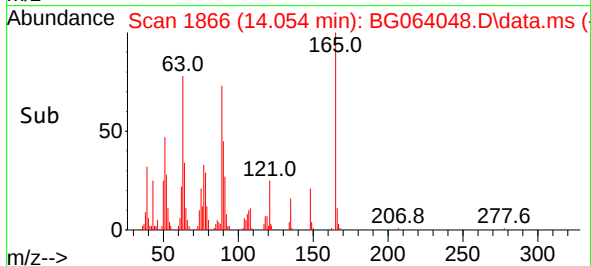
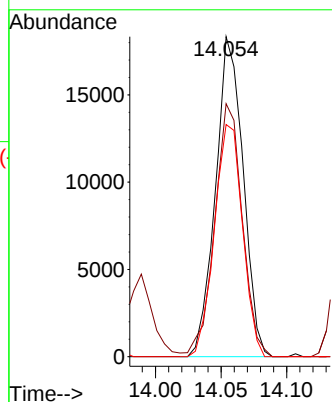
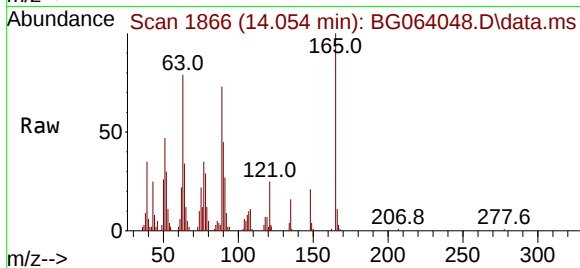
SSTDICC020

Tgt Ion:165 Resp: 2678
Ion Ratio Lower Upper
165 100
63 79.1 56.7 85.1
89 72.5 53.7 80.5

Manual Integrations

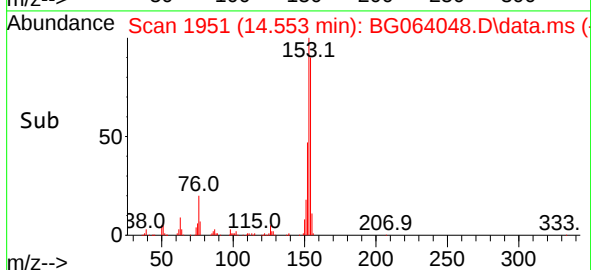
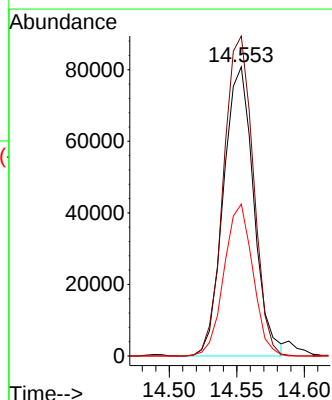
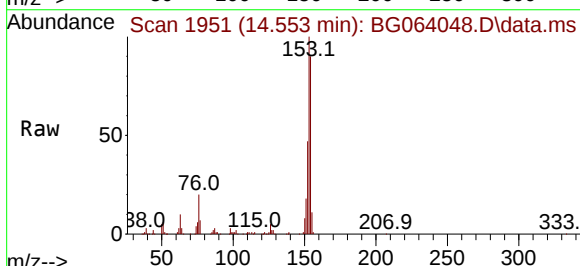
APPROVED

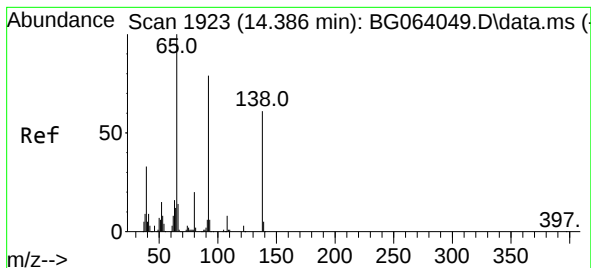
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#52
Acenaphthene
Concen: 20.997 ng m
RT: 14.553 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

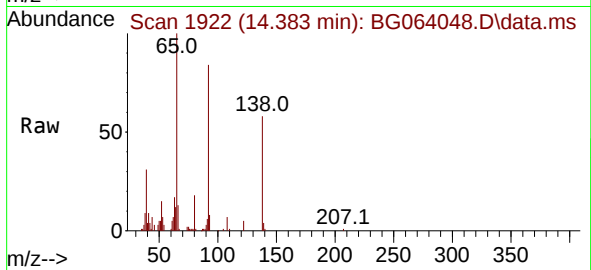
Tgt Ion:154 Resp: 125939
Ion Ratio Lower Upper
154 100
153 110.7 91.6 137.4
152 52.5 42.5 63.7





#53
3-Nitroaniline
Concen: 20.902 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

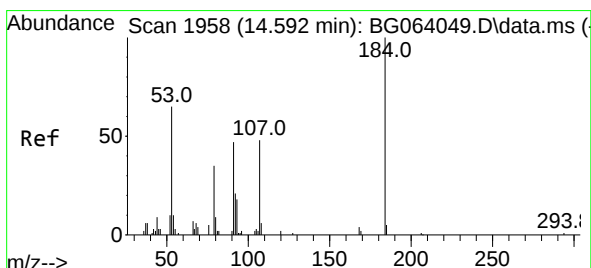
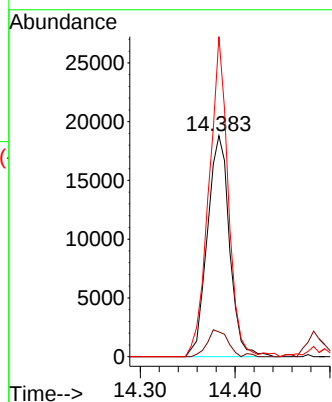
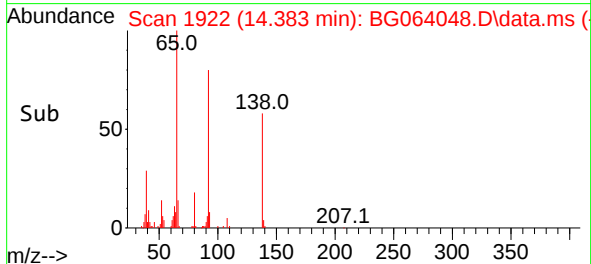
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 3051
Ion Ratio Lower Upper
138 100
108 11.2 10.1 15.1
92 144.8 104.1 156.1

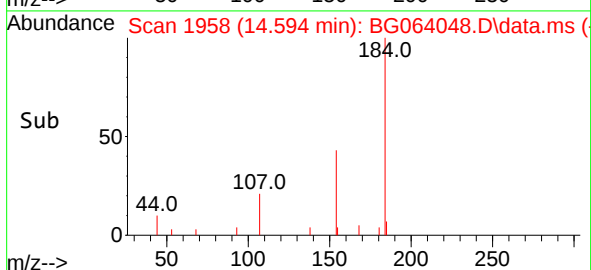
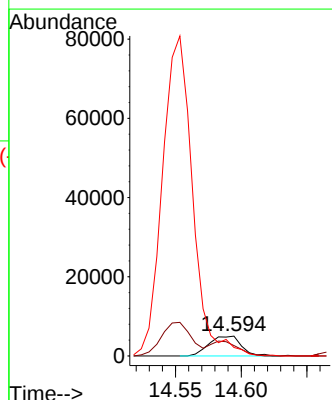
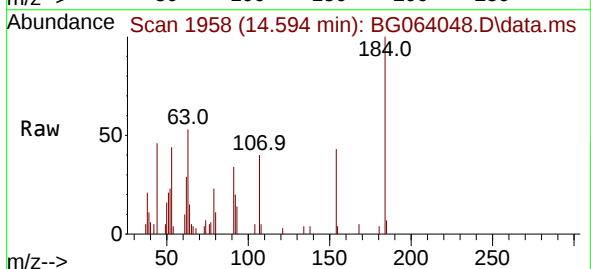
Manual Integrations
APPROVED

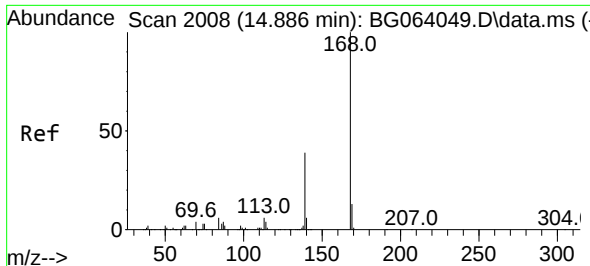
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#54
2,4-Dinitrophenol
Concen: 19.958 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

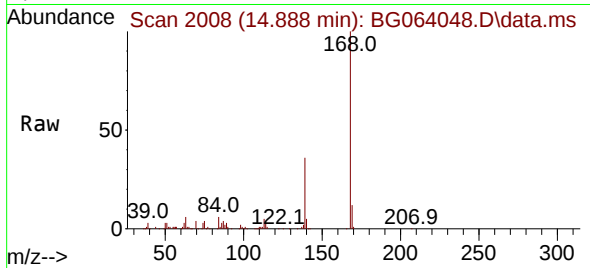
Tgt Ion:184 Resp: 8560
Ion Ratio Lower Upper
184 100
63 52.7 57.5 86.3#
154 42.8 52.3 78.5#





#55
Dibenzofuran
Concen: 20.856 ng
RT: 14.888 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

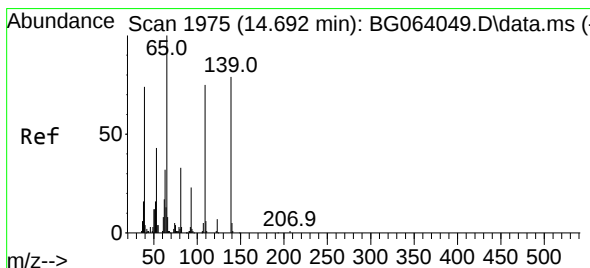
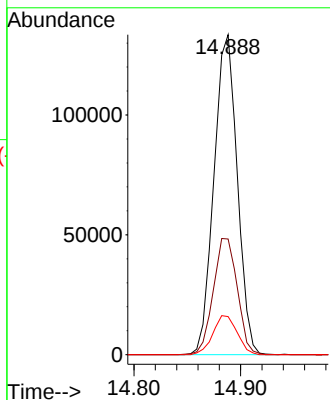
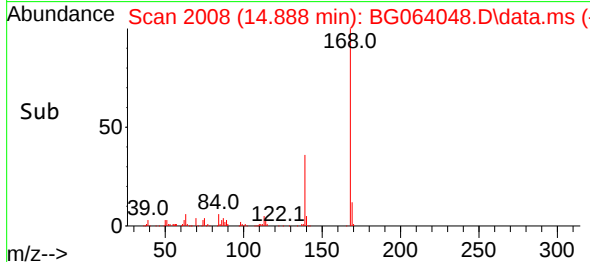
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 202235
Ion Ratio Lower Upper
168 100
139 36.2 31.1 46.7
169 11.9 10.5 15.7

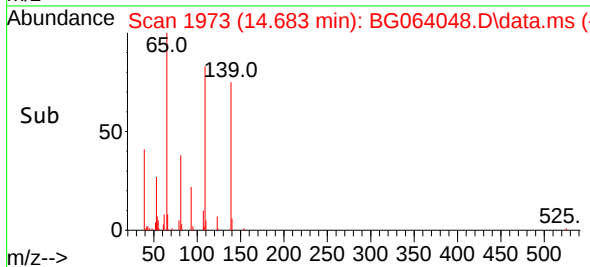
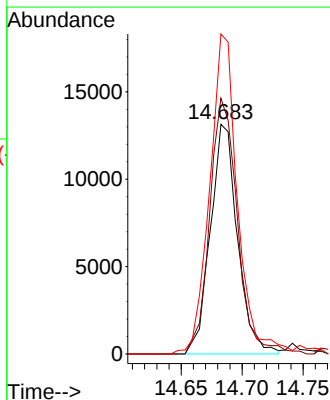
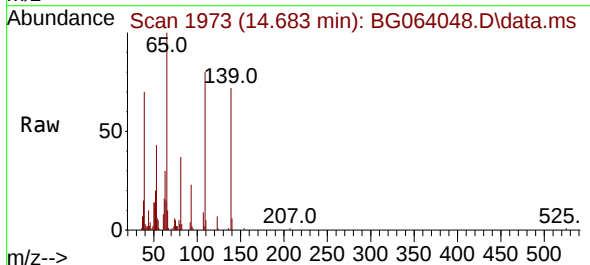
Manual Integrations
APPROVED

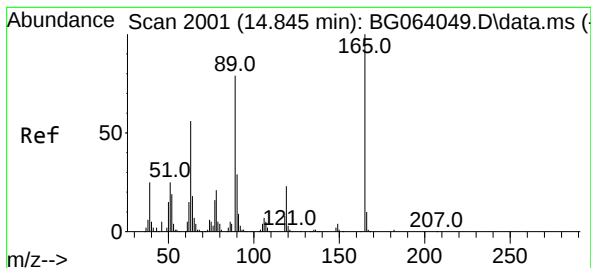
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#56
4-Nitrophenol
Concen: 16.681 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:139 Resp: 20425
Ion Ratio Lower Upper
139 100
109 111.3 74.9 114.9
65 139.3 106.8 146.8





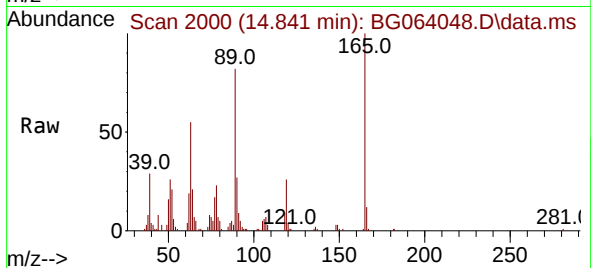
#57
2,4-Dinitrotoluene
Concen: 19.015 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

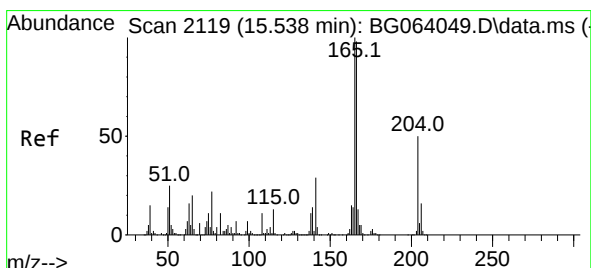
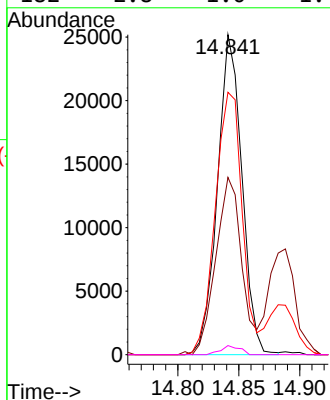
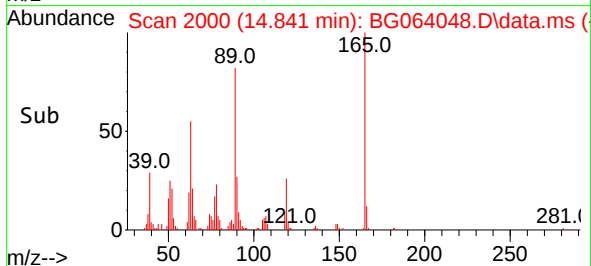


Tgt Ion:165 Resp: 35172
Ion Ratio Lower Upper
165 100
63 55.4 45.0 67.6
89 82.0 63.1 94.7
182 2.8 1.0 1.4#

Manual Integrations

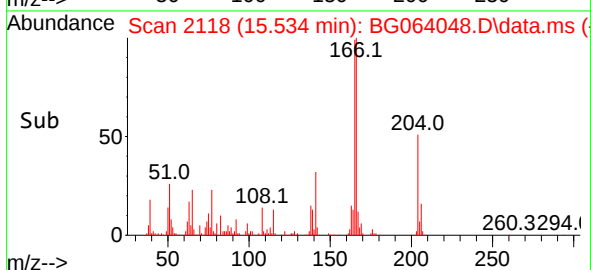
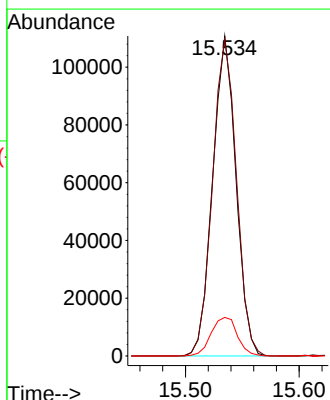
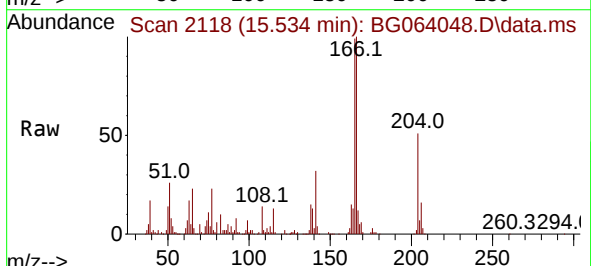
APPROVED

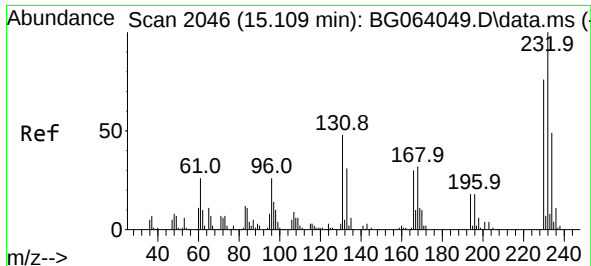
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#58
Fluorene
Concen: 20.894 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:166 Resp: 157795
Ion Ratio Lower Upper
166 100
165 99.0 81.8 122.8
167 12.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.310 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

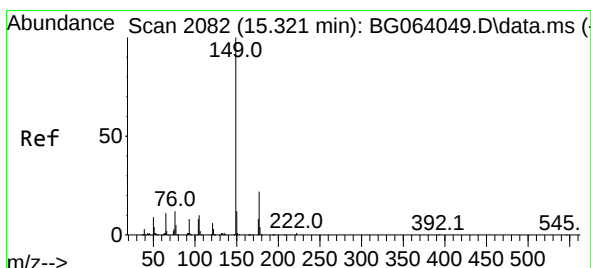
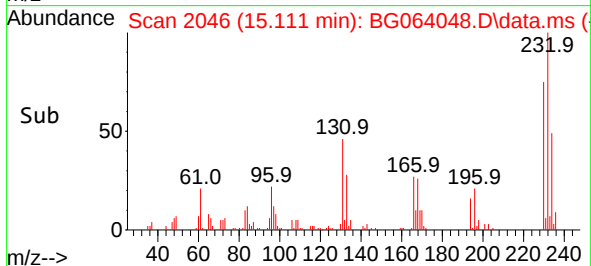
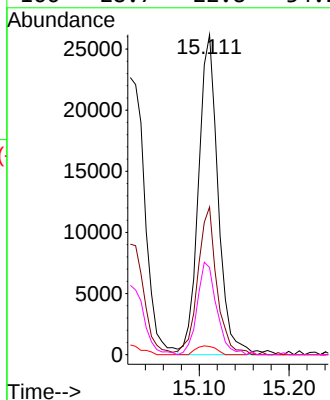
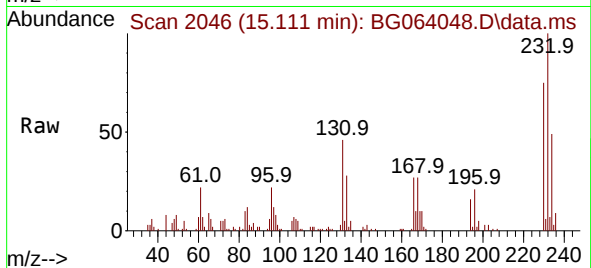
SSTDICC020

Tgt Ion:232 Resp: 39748
Ion Ratio Lower Upper
232 100
131 44.8 36.3 54.5
130 2.8 1.9 2.9
166 28.7 22.8 34.2

Manual Integrations

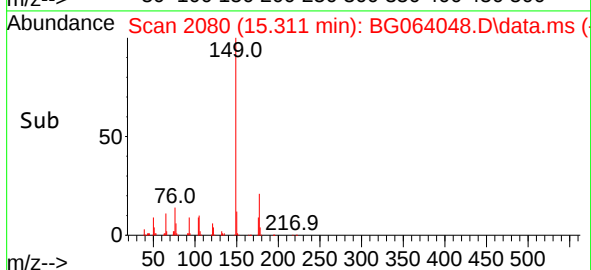
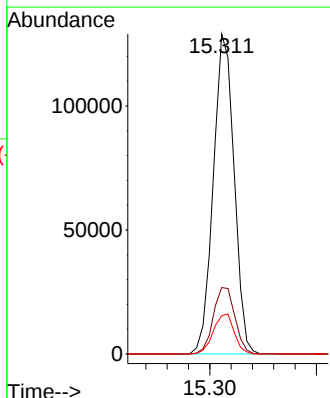
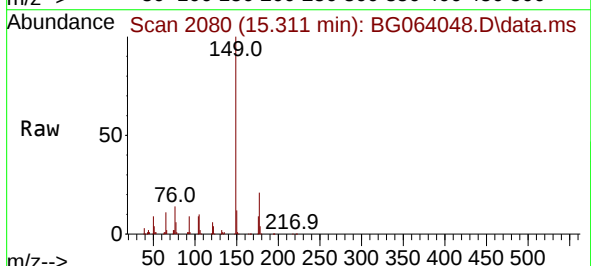
APPROVED

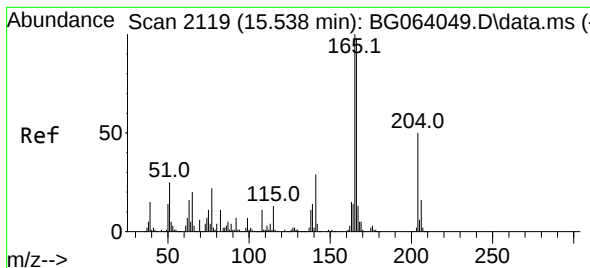
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#60
Diethylphthalate
Concen: 21.324 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 174872
Ion Ratio Lower Upper
149 100
177 20.7 17.4 26.2
150 12.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 21.477 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

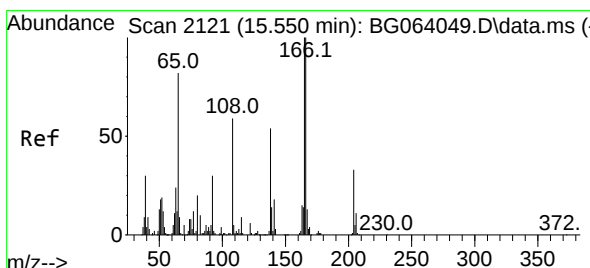
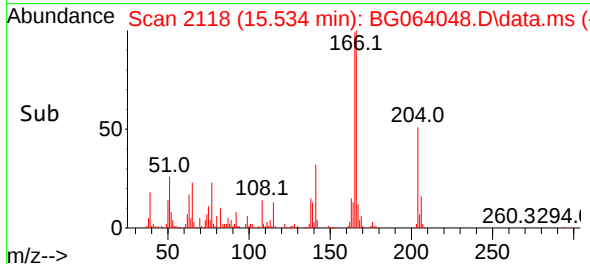
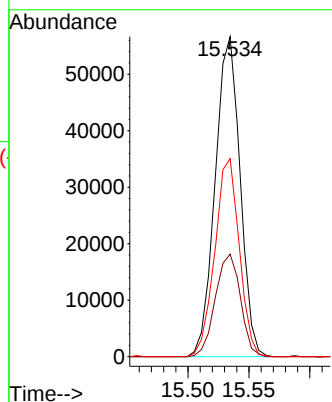
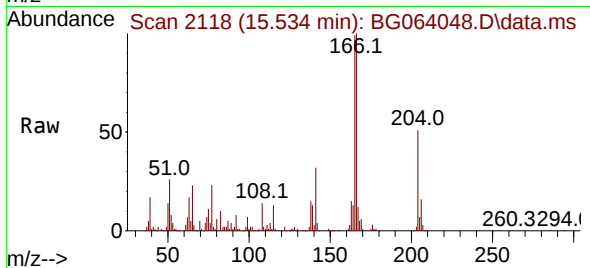
SSTDICC020

Tgt Ion:204 Resp: 8060
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 61.9 45.4 68.0

Manual Integrations

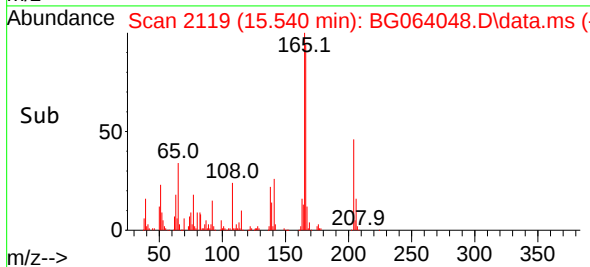
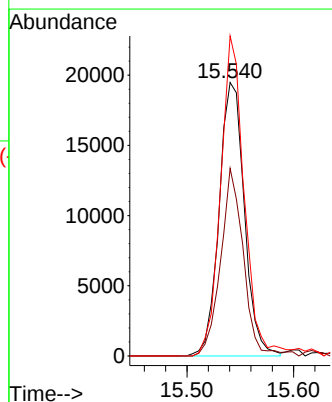
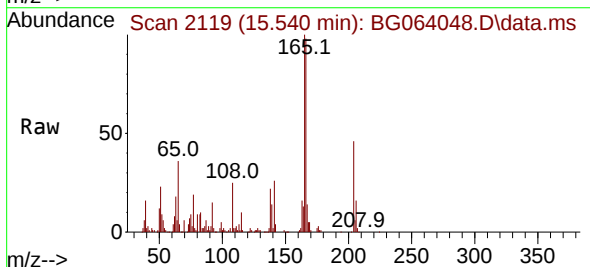
APPROVED

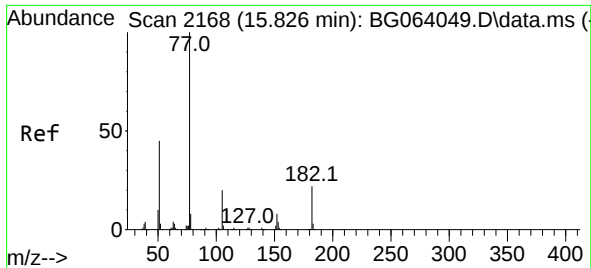
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#62
4-Nitroaniline
Concen: 20.301 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:138 Resp: 32000
Ion Ratio Lower Upper
138 100
92 68.6 36.1 76.1
108 117.0 87.9 127.9





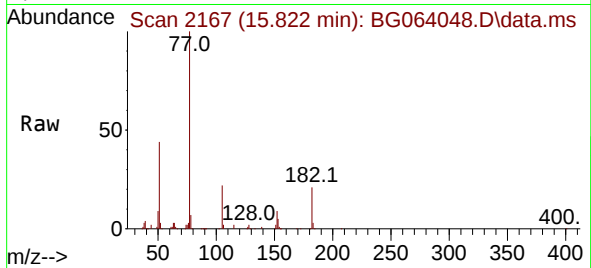
#63
Azobenzene
Concen: 20.868 ng
RT: 15.822 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

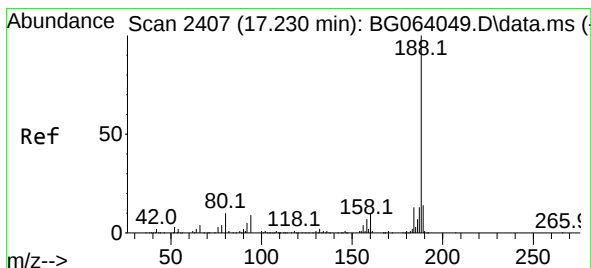
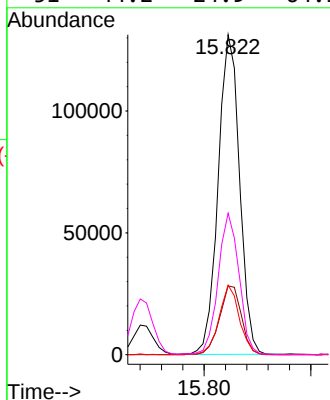
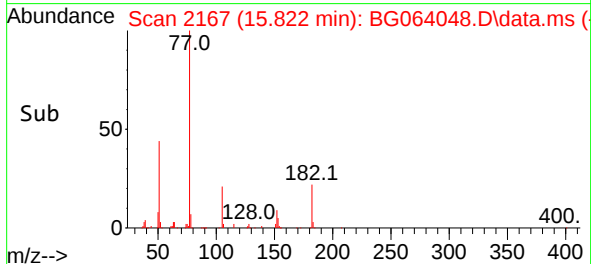


Tgt Ion: 77 Resp: 182618
Ion Ratio Lower Upper
77 100
182 21.5 2.4 42.4
105 21.7 0.0 40.0
51 44.2 24.9 64.9

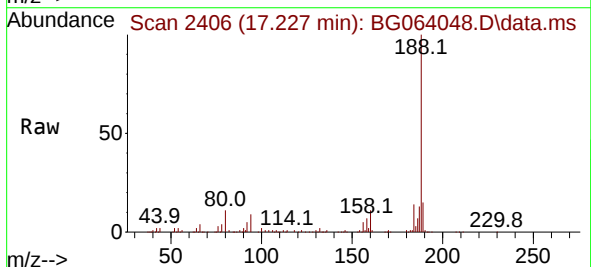
Manual Integrations

APPROVED

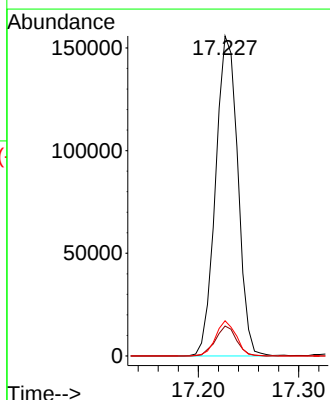
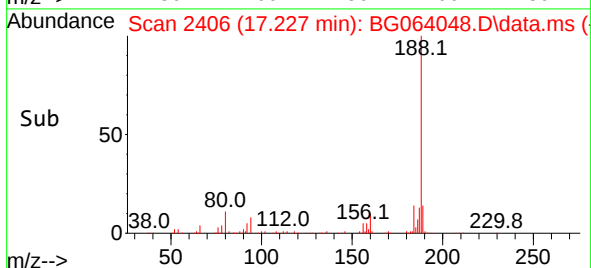
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

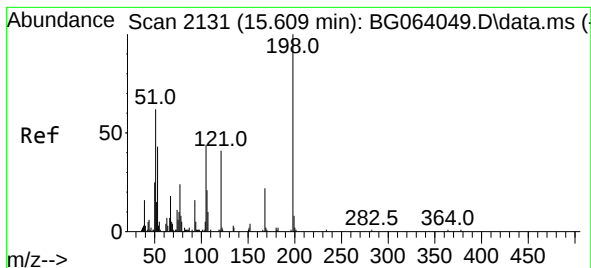


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



Tgt Ion:188 Resp: 239469
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.0 8.1 12.1





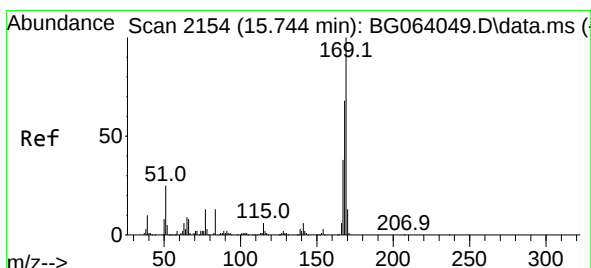
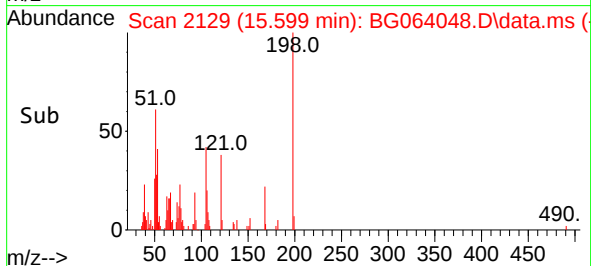
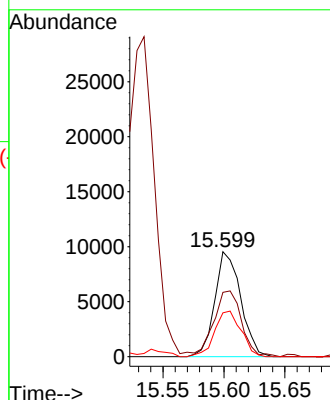
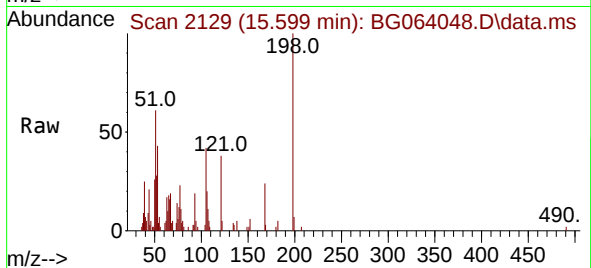
#65
4,6-Dinitro-2-methylphenol
Concen: 19.469 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.010 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 14079
Ion Ratio Lower Upper
198 100
51 61.3 45.6 85.6
105 41.8 25.3 65.3

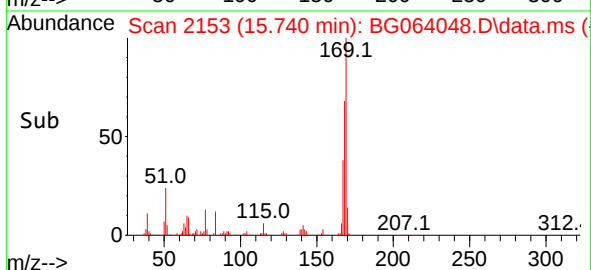
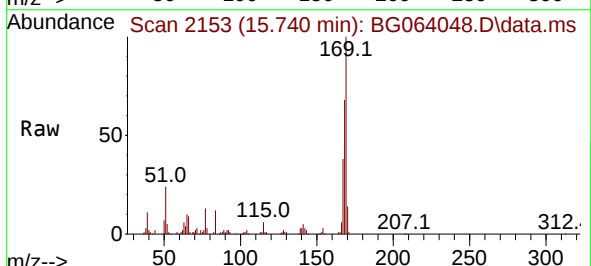
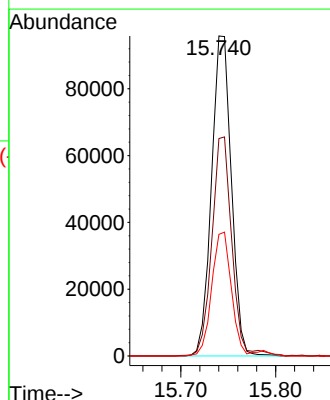
Manual Integrations
APPROVED

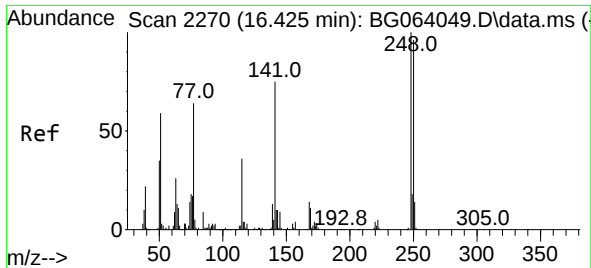
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#66
n-Nitrosodiphenylamine
Concen: 20.573 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:169 Resp: 139451
Ion Ratio Lower Upper
169 100
168 68.0 54.1 81.1
167 38.0 30.3 45.5





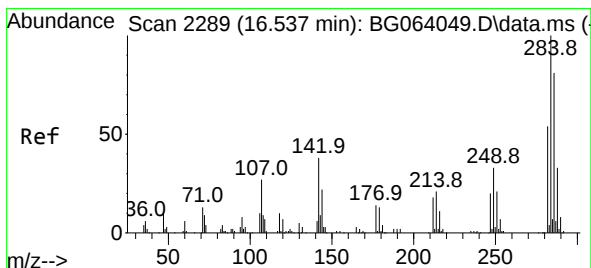
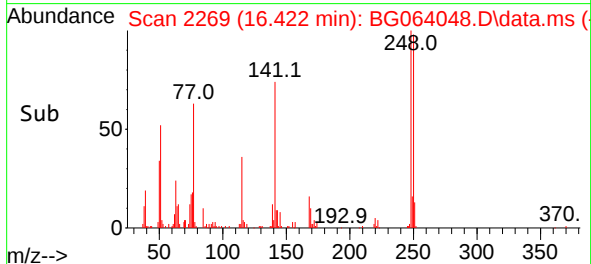
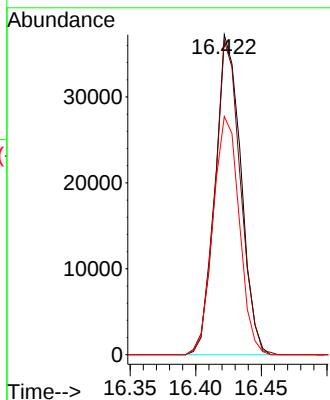
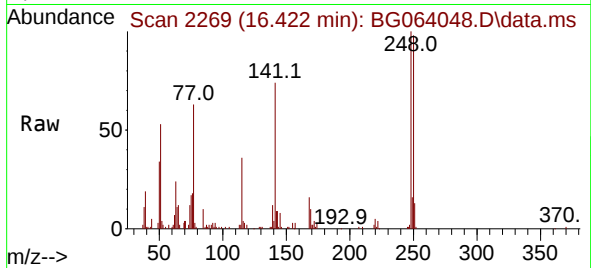
#67
4-Bromophenyl-phenylether
Concen: 20.740 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 5086
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 74.4 59.8 89.8

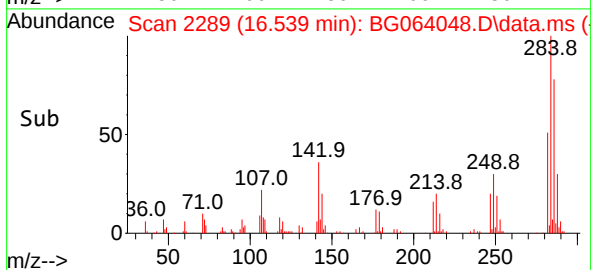
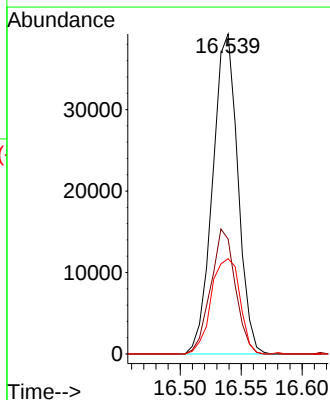
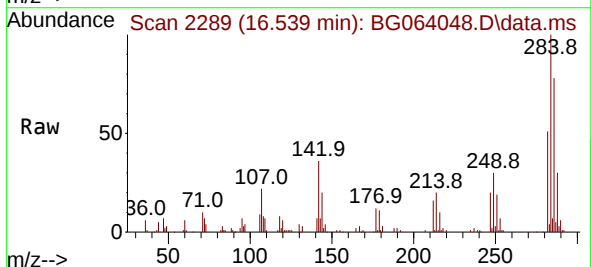
Manual Integrations
APPROVED

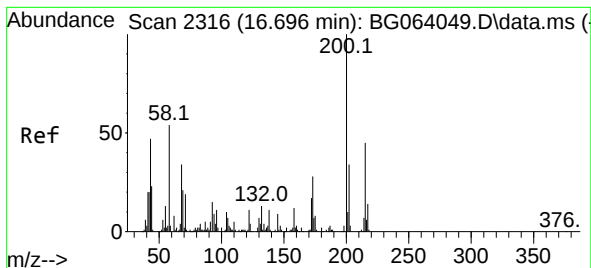
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#68
Hexachlorobenzene
Concen: 20.591 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:284 Resp: 56538
Ion Ratio Lower Upper
284 100
142 35.9 30.6 45.8
249 29.8 26.6 39.8





#69

Atrazine

Concen: 21.465 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

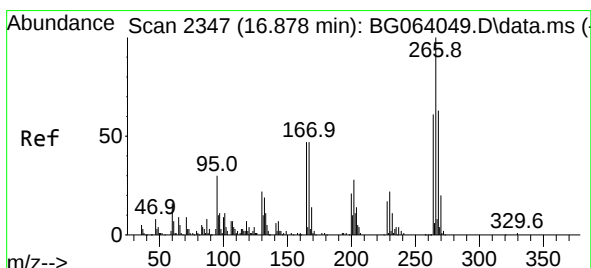
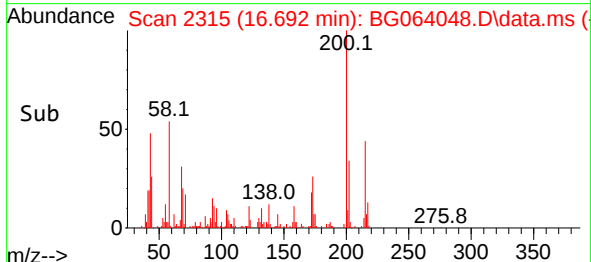
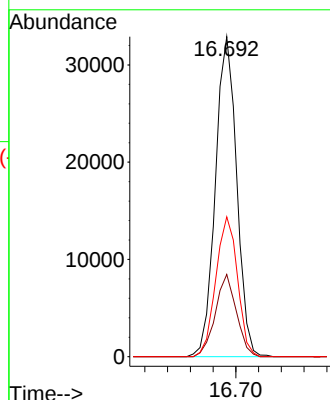
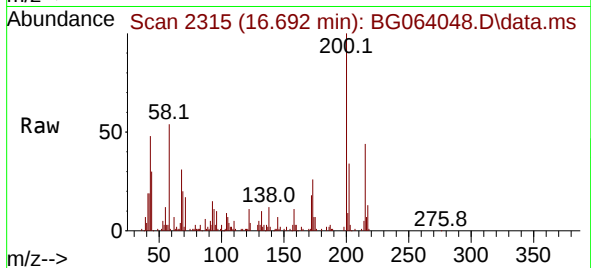
SSTDICC020

Tgt Ion:	200	Resp:	42810
Ion Ratio	Lower	Upper	
200	100		
173	25.7	8.2	48.2
215	43.7	25.5	65.5

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 17.926 ng

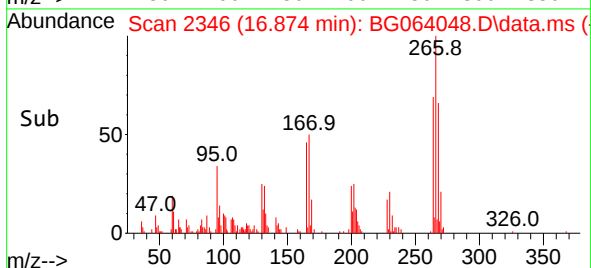
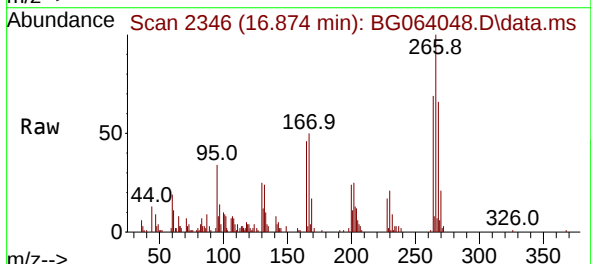
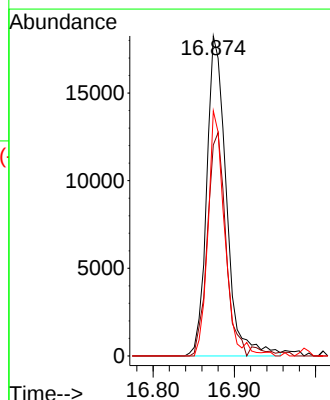
RT: 16.874 min Scan# 2346

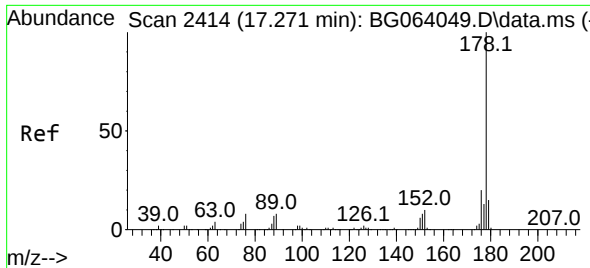
Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Tgt Ion:	266	Resp:	30561
Ion Ratio	Lower	Upper	
266	100		
268	65.9	50.2	75.4
264	76.6	48.9	73.3





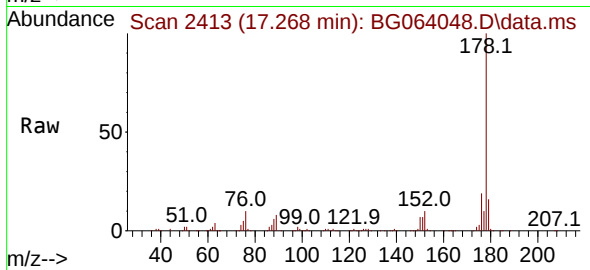
#71
Phenanthrene
Concen: 20.813 ng
RT: 17.268 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

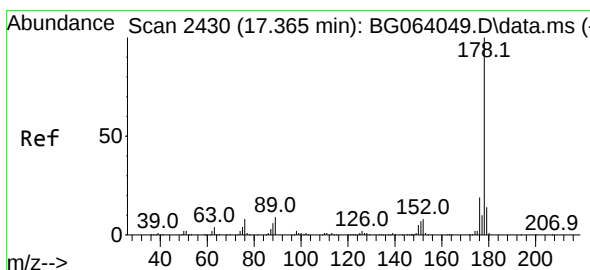
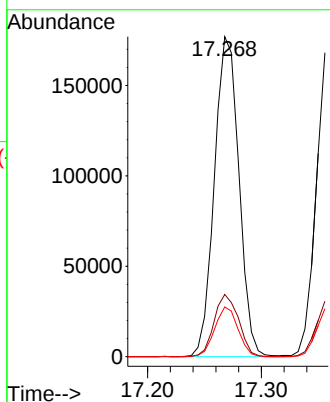
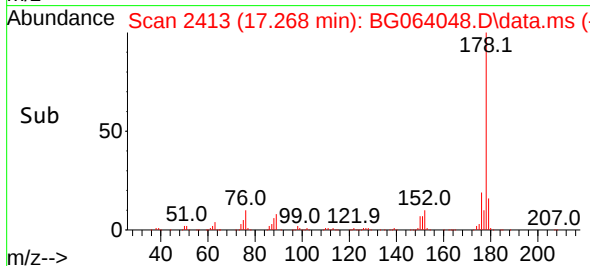


Tgt Ion:178 Resp: 26584
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.6 12.2 18.2

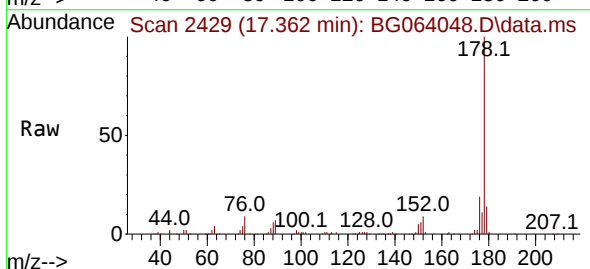
Manual Integrations

APPROVED

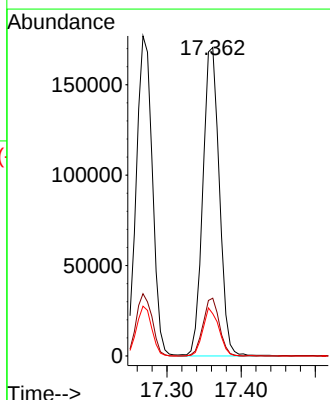
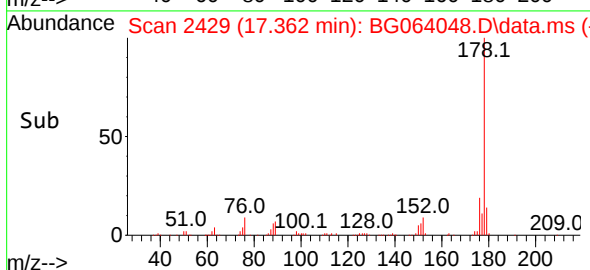
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

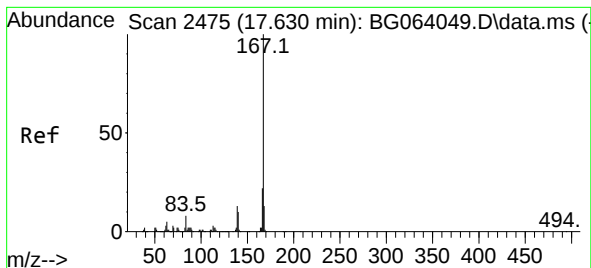


#72
Anthracene
Concen: 20.814 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



Tgt Ion:178 Resp: 264350
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 13.7 11.5 17.3





#73

Carbazole

Concen: 20.591 ng

RT: 17.626 min Scan# 2475

Delta R.T. -0.004 min

Lab File: BG064048.D

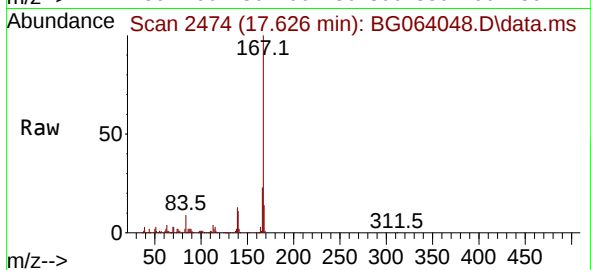
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:167 Resp: 244169

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

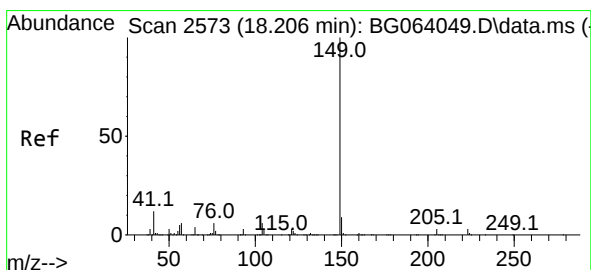
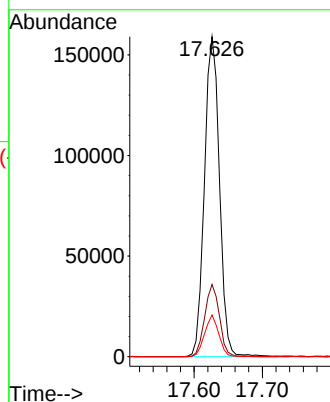
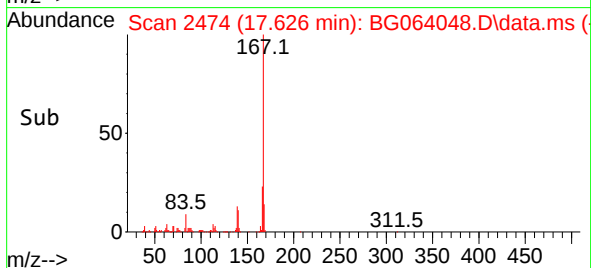
139 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025



#74

Di-n-butylphthalate

Concen: 20.812 ng

RT: 18.202 min Scan# 2572

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

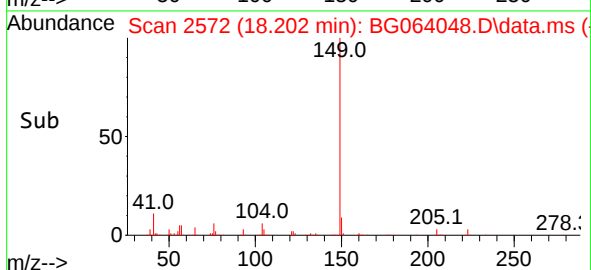
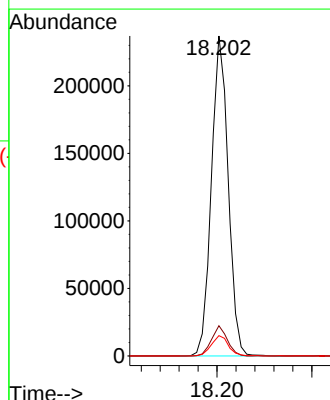
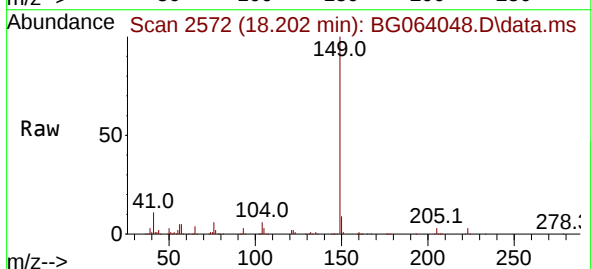
Tgt Ion:149 Resp: 290500

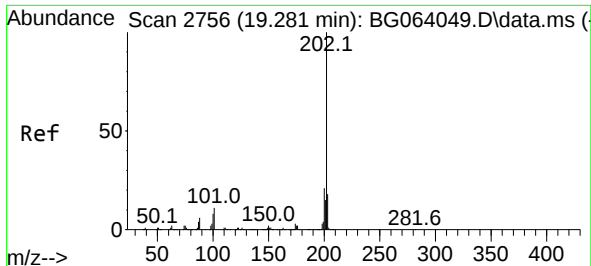
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 20.776 ng
RT: 19.277 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

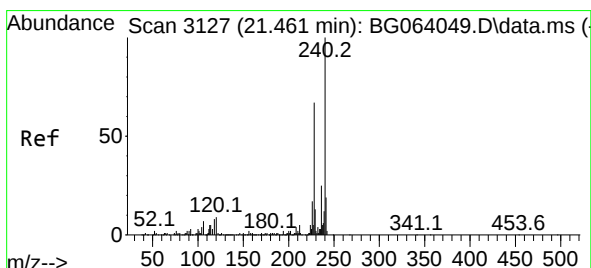
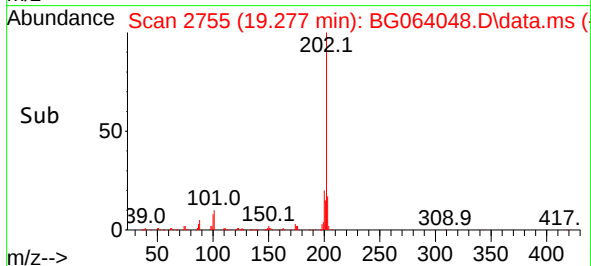
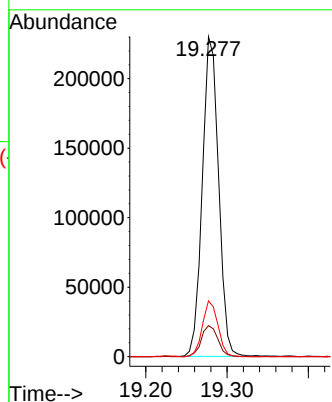
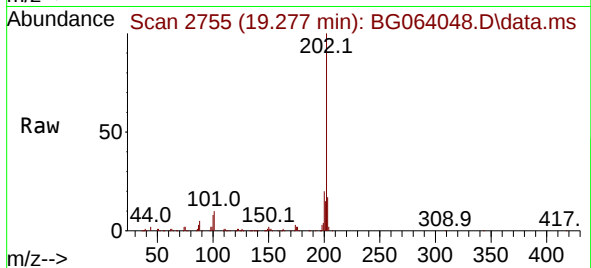
SSTDICC020

Tgt Ion:202 Resp: 31991
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.5
203 17.4 0.0 38.3

Manual Integrations

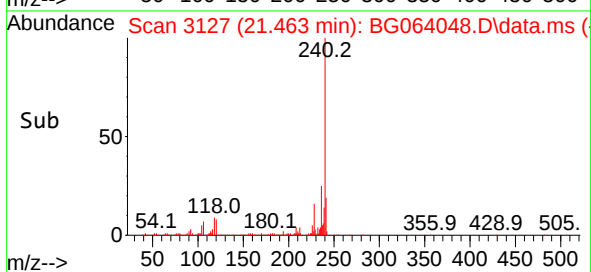
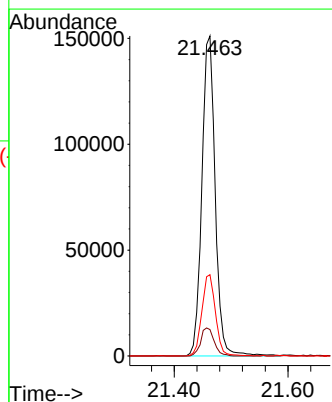
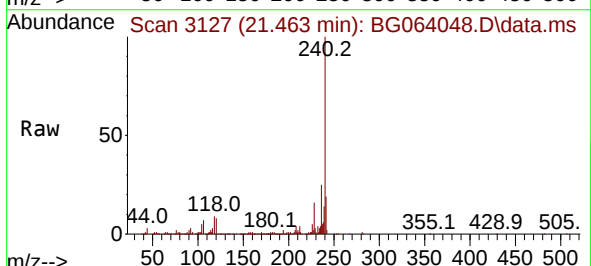
APPROVED

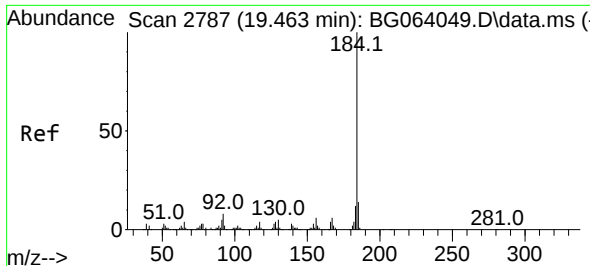
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:240 Resp: 245725
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 25.4 20.2 30.2





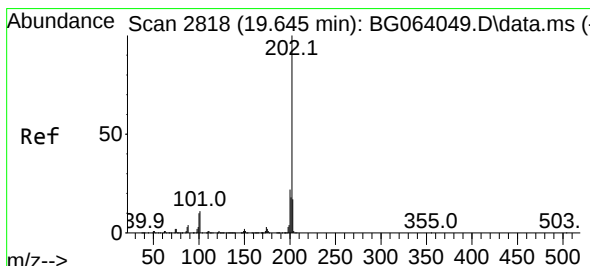
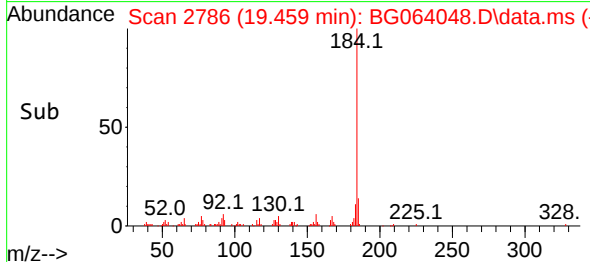
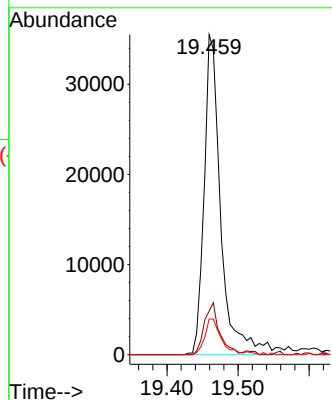
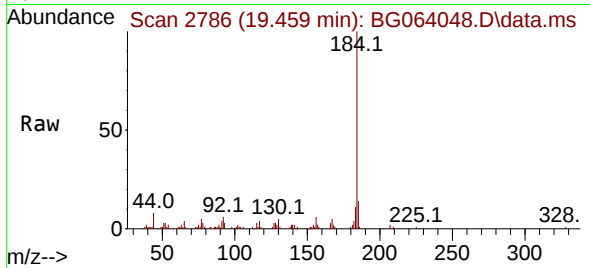
#77
Benzidine
Concen: 16.960 ng
RT: 19.459 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 58504
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 11.2 9.5 14.3

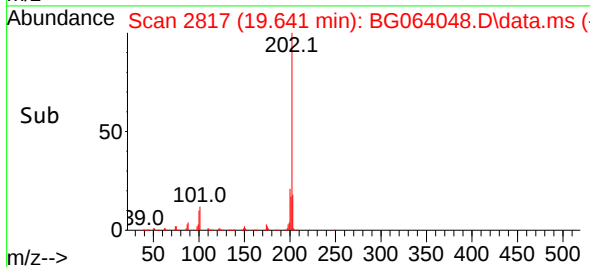
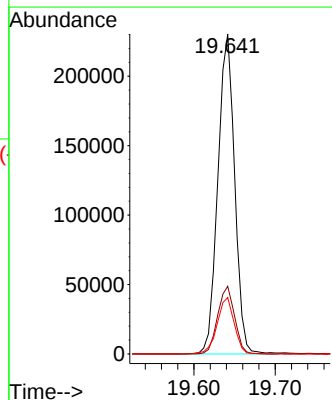
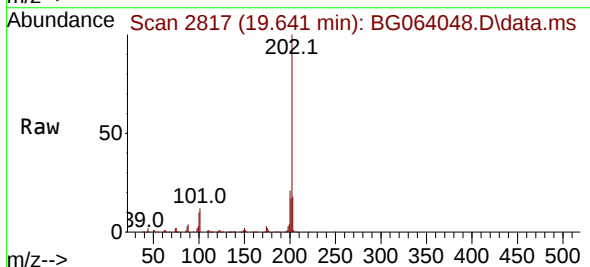
Manual Integrations
APPROVED

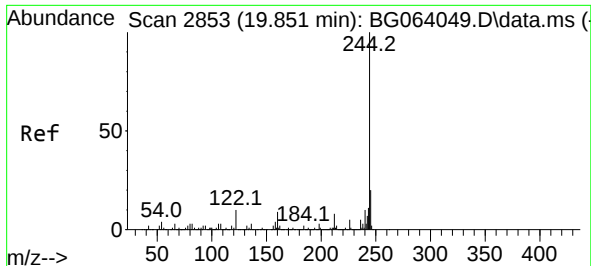
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#78
Pyrene
Concen: 20.950 ng
RT: 19.641 min Scan# 2817
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:202 Resp: 331849
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.7 13.6 20.4





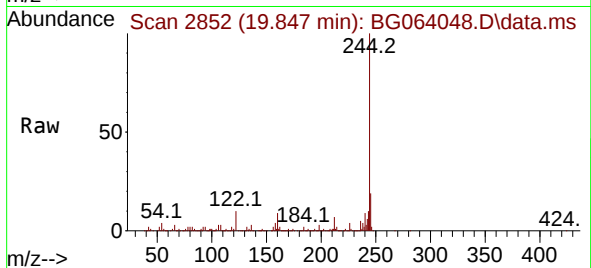
#79
 Terphenyl-d14
 Concen: 42.936 ng
 RT: 19.847 min Scan# 2853
 Delta R.T. -0.004 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

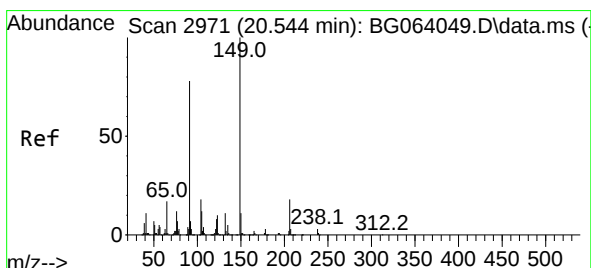
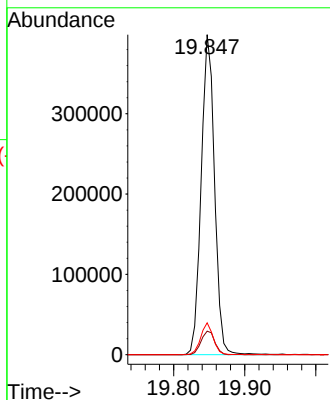
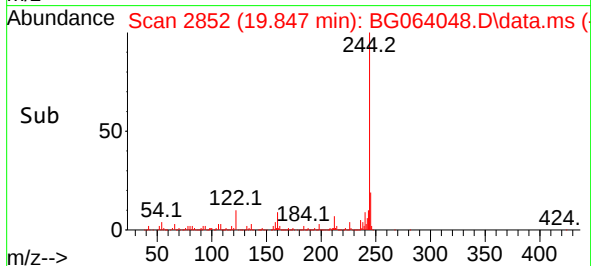


Tgt Ion:244 Resp: 521784
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.0 8.0 12.0

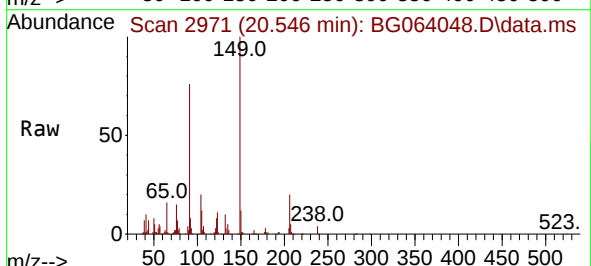
Manual Integrations

APPROVED

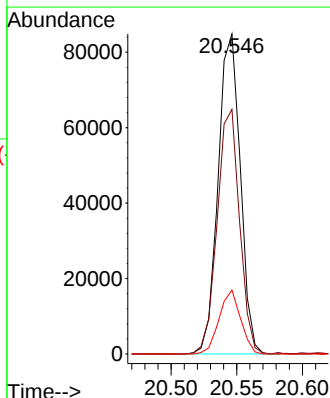
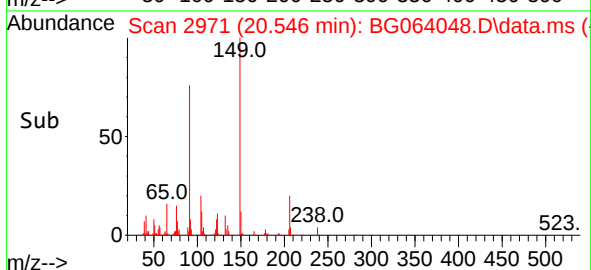
Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

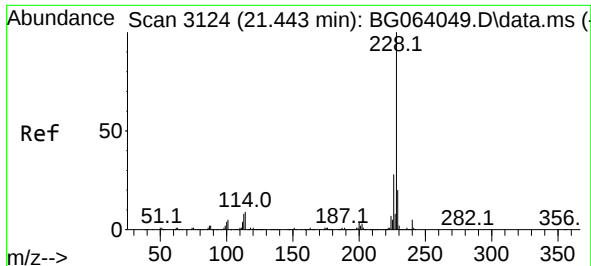


#80
 Butylbenzylphthalate
 Concen: 19.098 ng
 RT: 20.546 min Scan# 2971
 Delta R.T. 0.002 min
 Lab File: BG064048.D
 Acq: 5 Mar 2025 11:03



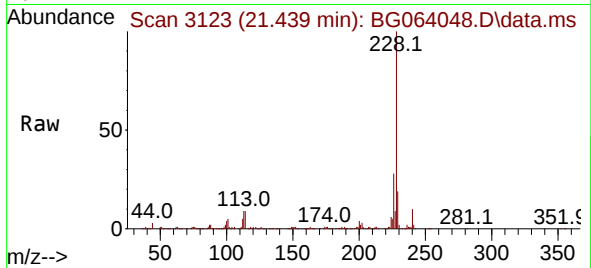
Tgt Ion:149 Resp: 99429
 Ion Ratio Lower Upper
 149 100
 91 76.4 62.0 93.0
 206 20.0 14.6 21.8





#81
Benzo(a)anthracene
Concen: 20.443 ng
RT: 21.439 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

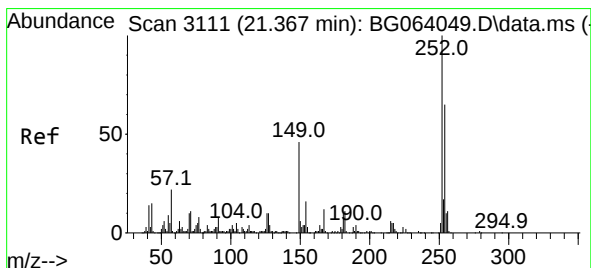
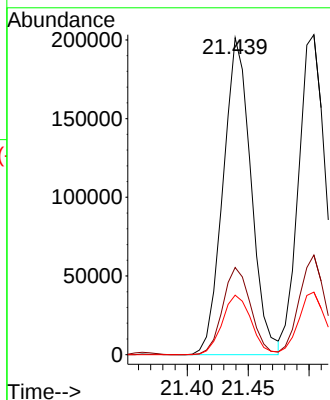
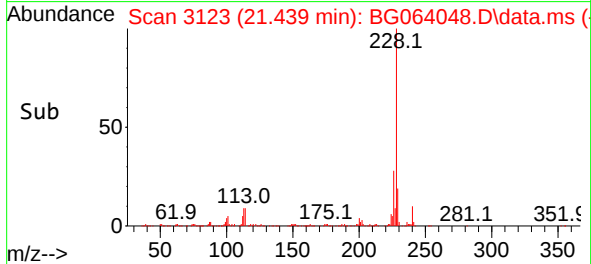
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 32177
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 18.8 16.4 24.6

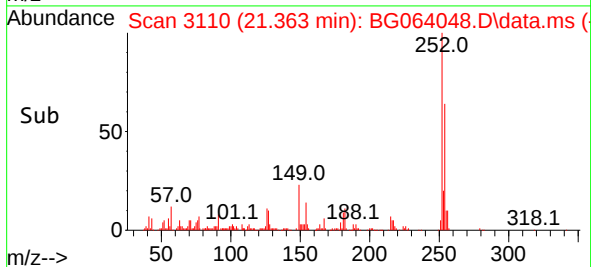
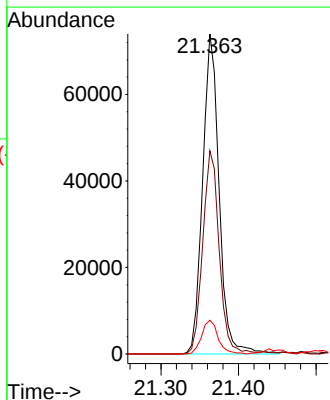
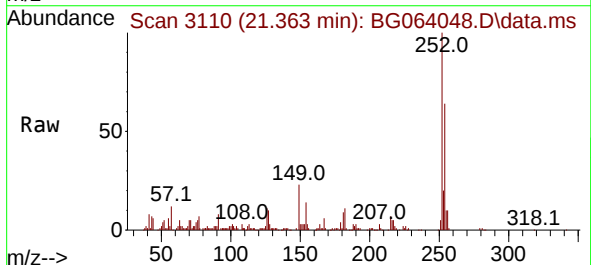
Manual Integrations
APPROVED

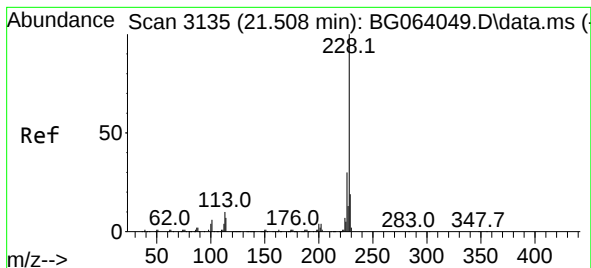
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.421 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:252 Resp: 109121
Ion Ratio Lower Upper
252 100
254 63.5 52.1 78.1
126 10.6 7.8 11.8





#83

Chrysene

Concen: 20.471 ng

RT: 21.504 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

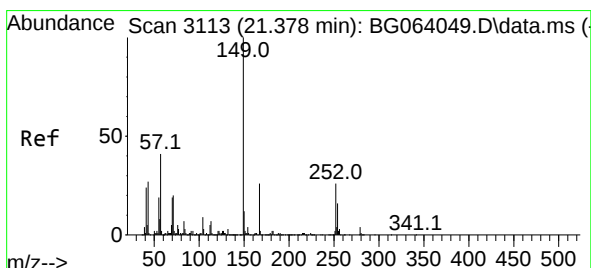
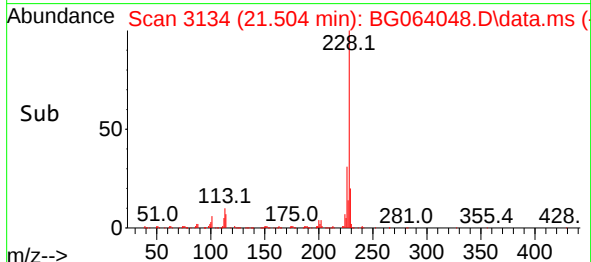
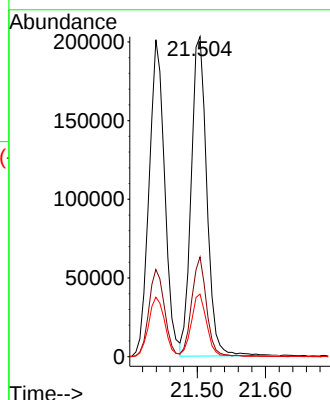
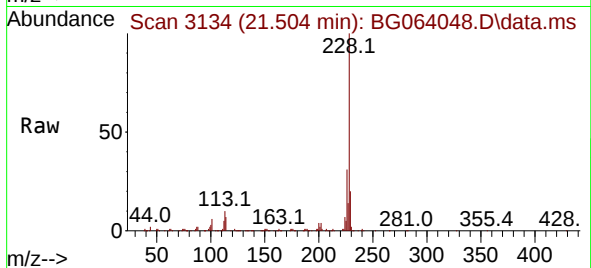
SSTDICC020

Tgt Ion:228 Resp: 321379
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.9 35.9
 229 19.6 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: 19.769 ng

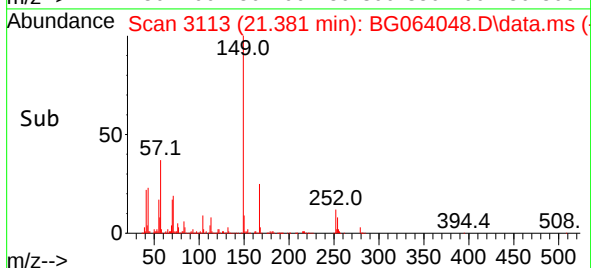
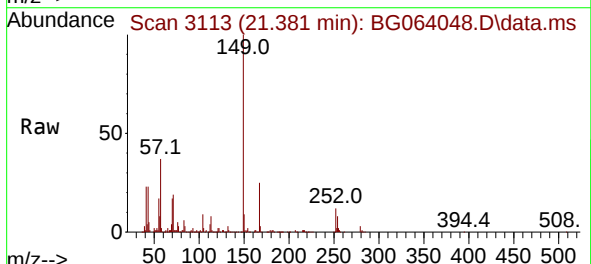
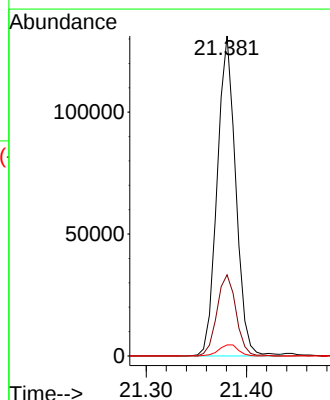
RT: 21.381 min Scan# 3113

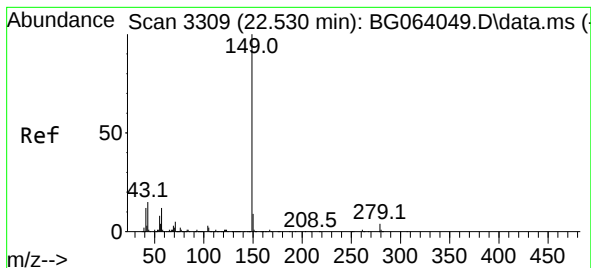
Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 168286
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.0 31.6
 279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 18.542 ng

RT: 22.526 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA_G

ClientSampleId :

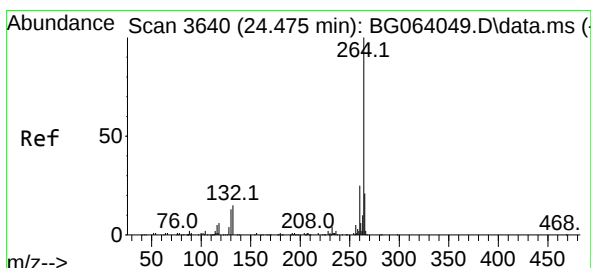
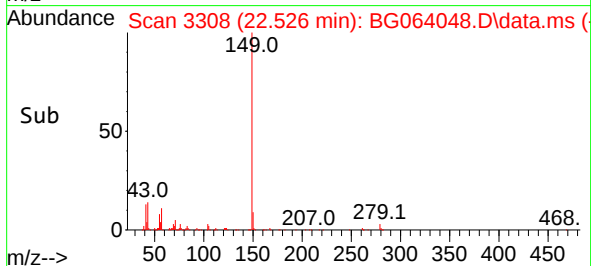
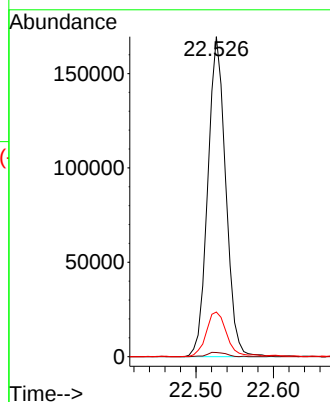
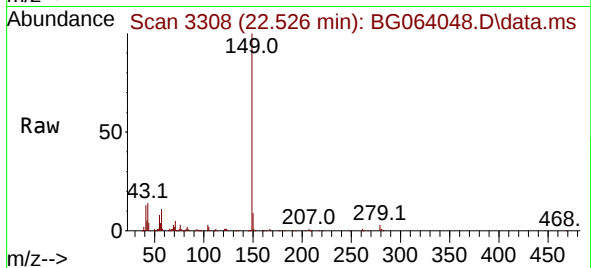
SSTDICC020

Tgt Ion:	149	Resp:	27225
Ion Ratio	Lower	Upper	
149	100		
167	1.4	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

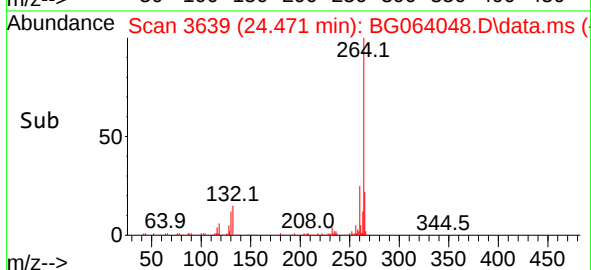
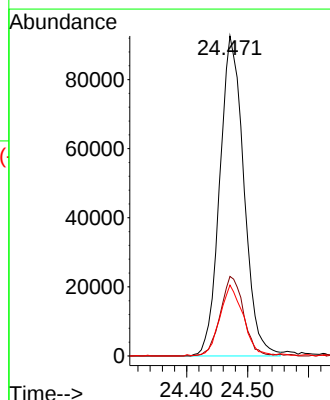
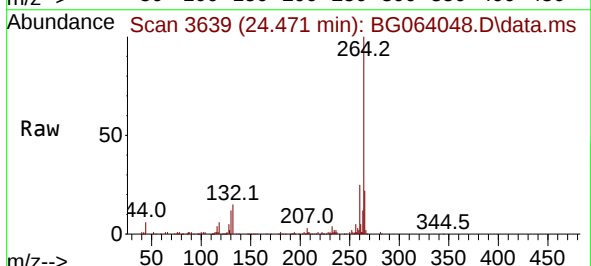
RT: 24.471 min Scan# 3639

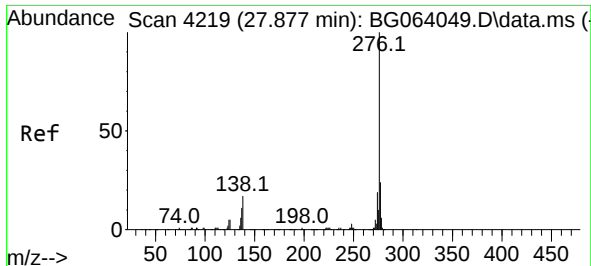
Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

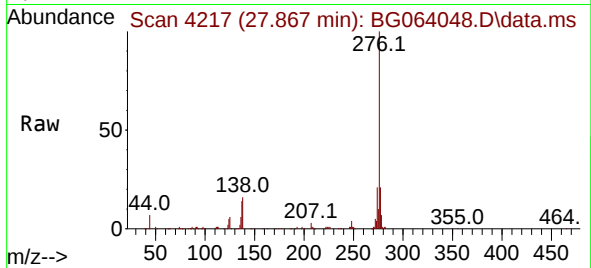
Tgt Ion:	264	Resp:	254102
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.6	29.4
265	22.1	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 21.044 ng
RT: 27.867 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

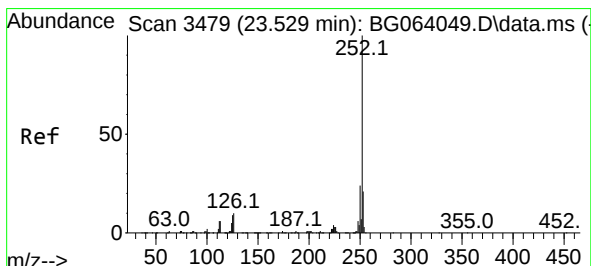
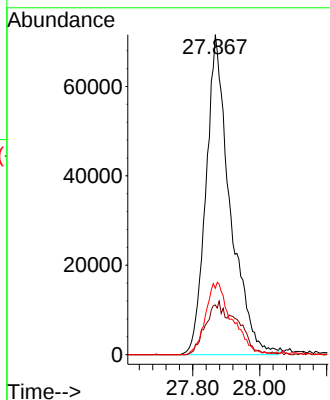
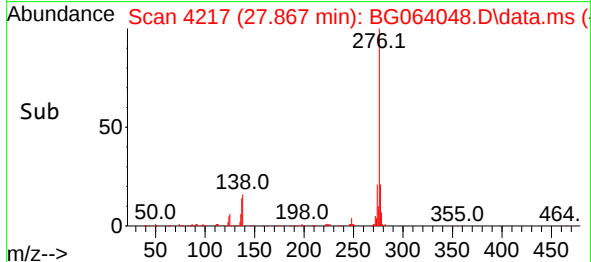
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



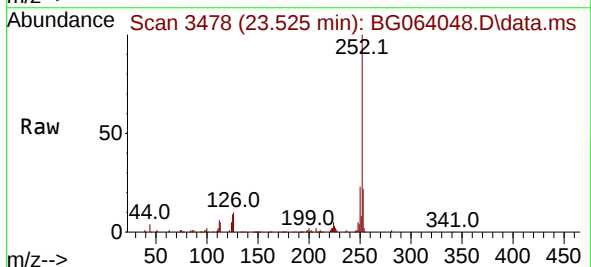
Tgt Ion:276 Resp: 357779
Ion Ratio Lower Upper
276 100
138 13.1 12.1 18.1
277 24.8 20.0 30.0

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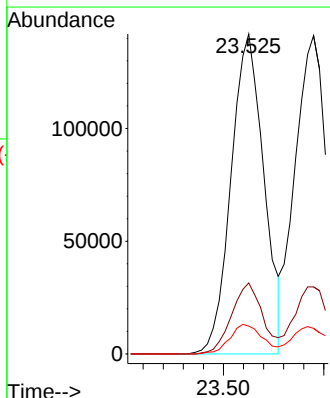
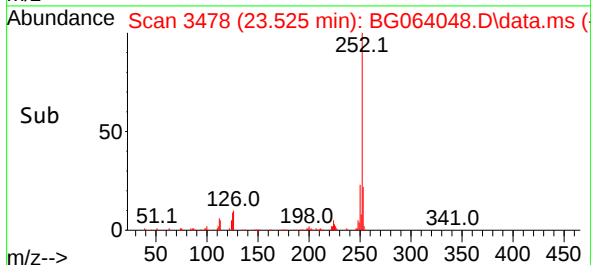
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

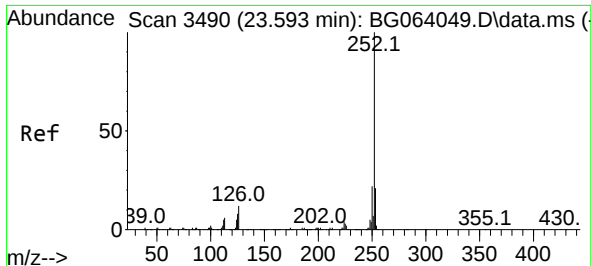


#88
Benzo(b)fluoranthene
Concen: 20.998 ng
RT: 23.525 min Scan# 3478
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



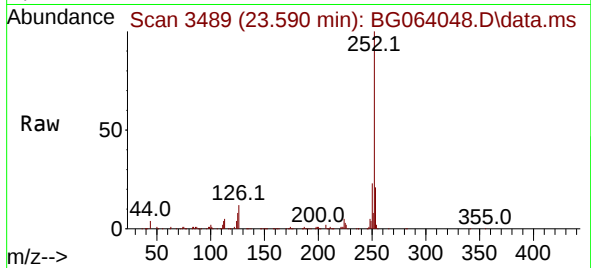
Tgt Ion:252 Resp: 322554
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 8.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 21.124 ng
RT: 23.590 min Scan# 3490
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

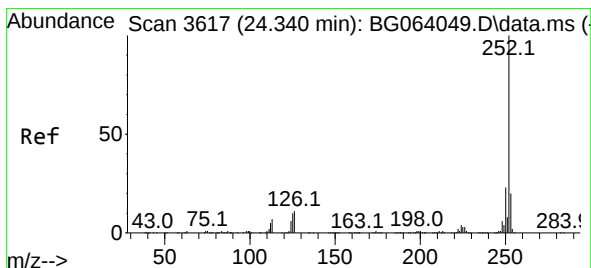
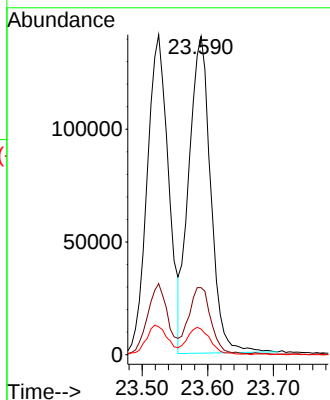
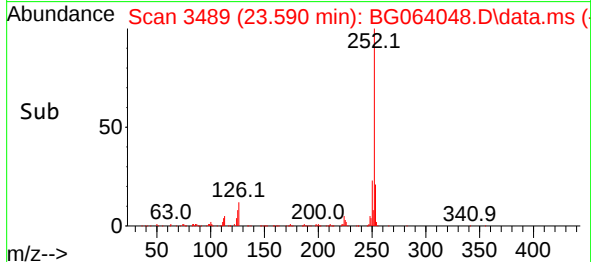
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



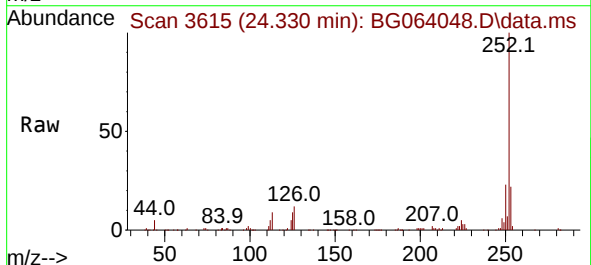
Tgt Ion:252 Resp: 325538
Ion Ratio Lower Upper
252 100
253 21.1 16.8 25.2
125 8.0 6.9 10.3

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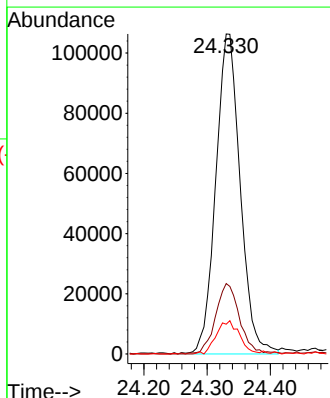
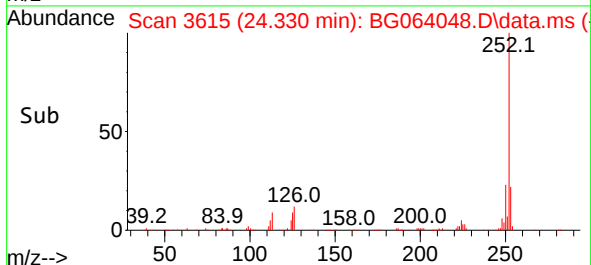
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

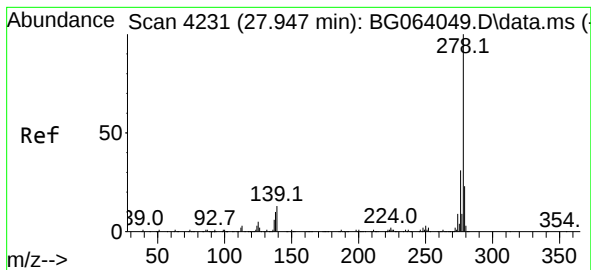


#90
Benzo(a)pyrene
Concen: 20.878 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



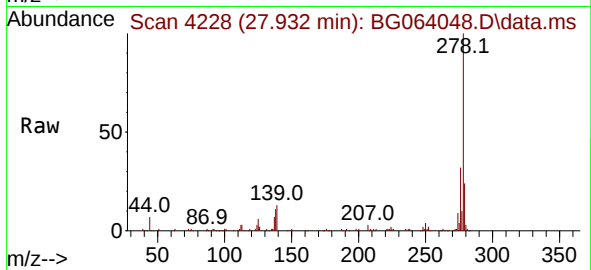
Tgt Ion:252 Resp: 285622
Ion Ratio Lower Upper
252 100
253 22.0 16.2 24.2
125 9.3 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 20.756 ng
RT: 27.932 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

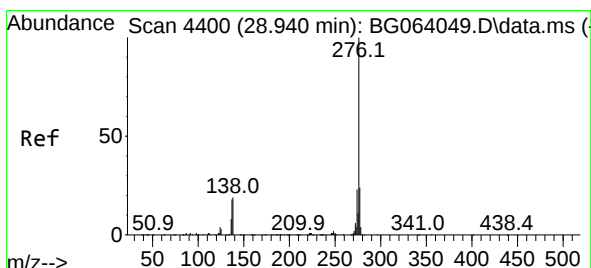
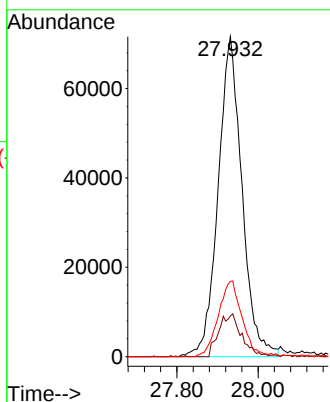
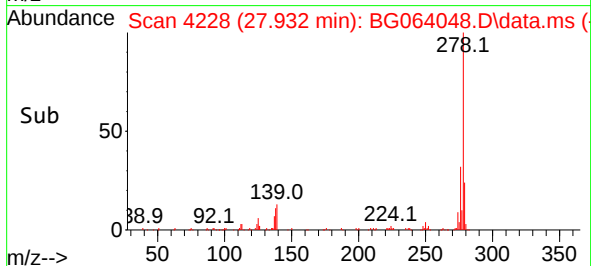
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



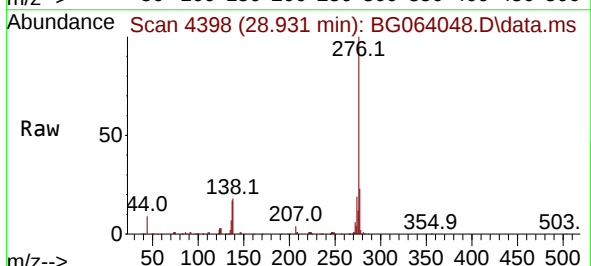
Tgt Ion:278 Resp: 292558
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.2
279 23.6 18.1 27.1

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



#92
Benzo(g,h,i)perylene
Concen: 21.219 ng
RT: 28.931 min Scan# 4398
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03



Tgt Ion:276 Resp: 307072
Ion Ratio Lower Upper
276 100
277 23.1 19.5 29.3
138 17.6 15.4 23.0

