

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064053.D
 Acq On : 5 Mar 2025 15:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	35090	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145084	20.000	ng	# 0.00
39) Acenaphthene-d10	14.489	164	93726	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	217148	20.000	ng	0.00
76) Chrysene-d12	21.463	240	246166	20.000	ng	0.00
86) Perylene-d12	24.483	264	261789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	177138	78.823	ng	0.00
7) Phenol-d6	7.021	99	230804	75.496	ng	0.00
23) Nitrobenzene-d5	9.013	82	221265	84.279	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	94089	90.311	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	495129	80.186	ng	0.00
79) Terphenyl-d14	19.853	244	940889	77.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	40961	40.218	ng	97
3) Pyridine	3.760	79	98907	39.931	ng	98
4) n-Nitrosodimethylamine	3.678	42	70753	39.980	ng	94
6) Aniline	7.186	93	112627	37.544	ng	97
8) 2-Chlorophenol	7.426	128	92723	38.417	ng	97
9) Benzaldehyde	6.997	77	67720m	38.087	ng	
10) Phenol	7.050	94	121465	38.806	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	90358	36.822	ng	97
12) 1,3-Dichlorobenzene	7.750	146	97739	36.876	ng	98
13) 1,4-Dichlorobenzene	7.896	146	99638	36.676	ng	98
14) 1,2-Dichlorobenzene	8.214	146	96129	36.695	ng	97
15) Benzyl Alcohol	8.096	79	89828	38.023	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	201622	36.540	ng	99
17) 2-Methylphenol	8.296	107	78276	37.680	ng	97
18) Hexachloroethane	8.942	117	37454	39.404	ng	97
19) n-Nitroso-di-n-propyla...	8.666	70	76484	35.648	ng	98
20) 3+4-Methylphenols	8.619	107	106291	37.166	ng	95
22) Acetophenone	8.678	105	156271	39.285	ng	# 99
24) Nitrobenzene	9.054	77	114521	42.208	ng	98
25) Isophorone	9.577	82	198754	37.823	ng	97
26) 2-Nitrophenol	9.765	139	36978	40.946	ng	92
27) 2,4-Dimethylphenol	9.824	122	63231	40.139	ng	97
28) bis(2-Chloroethoxy)met...	10.064	93	123038	38.620	ng	99
29) 2,4-Dichlorophenol	10.294	162	81863	41.154	ng	93
30) 1,2,4-Trichlorobenzene	10.517	180	93175	38.802	ng	93
31) Naphthalene	10.699	128	308258	39.402	ng	98
32) Benzoic acid	9.953	122	51607m	37.906	ng	
33) 4-Chloroaniline	10.805	127	114228	39.949	ng	98
34) Hexachlorobutadiene	10.993	225	62517	39.720	ng	99
35) Caprolactam	11.563	113	32080	42.084	ng	# 85
36) 4-Chloro-3-methylphenol	11.927	107	103382	39.649	ng	96
37) 2-Methylnaphthalene	12.309	142	212431	38.463	ng	97
38) 1-Methylnaphthalene	12.532	142	209530	38.724	ng	94
40) 1,2,4,5-Tetrachloroben...	12.679	216	106041	39.630	ng	95
41) Hexachlorocyclopentadiene	12.667	237	33041	43.873	ng	98
43) 2,4,6-Trichlorophenol	12.914	196	66496	42.165	ng	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	74580	42.561	ng	95
46) 1,1'-Biphenyl	13.325	154	284632	40.196	ng	98
47) 2-Chloronaphthalene	13.361	162	208172	40.309	ng	97
48) 2-Nitroaniline	13.560	65	68823	41.405	ng	98
49) Acenaphthylene	14.207	152	331135	40.537	ng	100
50) Dimethylphthalate	13.948	163	274751	39.712	ng	99
51) 2,6-Dinitrotoluene	14.060	165	56243	40.625	ng	99
52) Acenaphthene	14.553	154	221628m	40.428	ng	
53) 3-Nitroaniline	14.389	138	60229	45.042	ng	97
54) 2,4-Dinitrophenol	14.589	184	21627	41.197	ng	86
55) Dibenzofuran	14.888	168	355364	40.014	ng	99
56) 4-Nitrophenol	14.688	139	53310	47.537	ng	96
57) 2,4-Dinitrotoluene	14.847	165	80269	41.944	ng	# 97
58) Fluorene	15.535	166	279465	40.403	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	73574	43.068	ng	96
60) Diethylphthalate	15.317	149	309434	41.198	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	135318	39.367	ng	95
62) 4-Nitroaniline	15.546	138	65797	45.576	ng	91
63) Azobenzene	15.822	77	321688	40.137	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	35775	39.817	ng	95
66) n-Nitrosodiphenylamine	15.746	169	241241	39.248	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	88452	39.772	ng	97
68) Hexachlorobenzene	16.539	284	96136	38.611	ng	97
69) Atrazine	16.692	200	69821	38.607	ng	95
70) Pentachlorophenol	16.880	266	66504	43.019	ng	97
71) Phenanthrene	17.274	178	463029	39.978	ng	97
72) Anthracene	17.362	178	463897	40.280	ng	99
73) Carbazole	17.626	167	449805	41.831	ng	99
74) Di-n-butylphthalate	18.208	149	565797	44.702	ng	99
75) Fluoranthene	19.283	202	588493	42.146	ng	97
77) Benzidine	19.465	184	127428	37.383	ng	98
78) Pyrene	19.641	202	608668	38.357	ng	99
80) Butylbenzylphthalate	20.546	149	238653	40.680	ng	96
81) Benzo(a)anthracene	21.445	228	624403	39.598	ng	98
82) 3,3'-Dichlorobenzidine	21.369	252	209761	41.103	ng	99
83) Chrysene	21.504	228	611410	38.876	ng	99
84) Bis(2-ethylhexyl)phtha...	21.381	149	379928	44.551	ng	99
85) Di-n-octyl phthalate	22.532	149	627920	42.688	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	699194	39.918	ng	100
88) Benzo(b)fluoranthene	23.531	252	615644	38.901	ng	99
89) Benzo(k)fluoranthene	23.596	252	620446	39.079	ng	98
90) Benzo(a)pyrene	24.342	252	546383	38.765	ng	99
91) Dibenzo(a,h)anthracene	27.949	278	583198	40.162	ng	98
92) Benzo(g,h,i)perylene	28.936	276	592494	39.740	ng	98

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

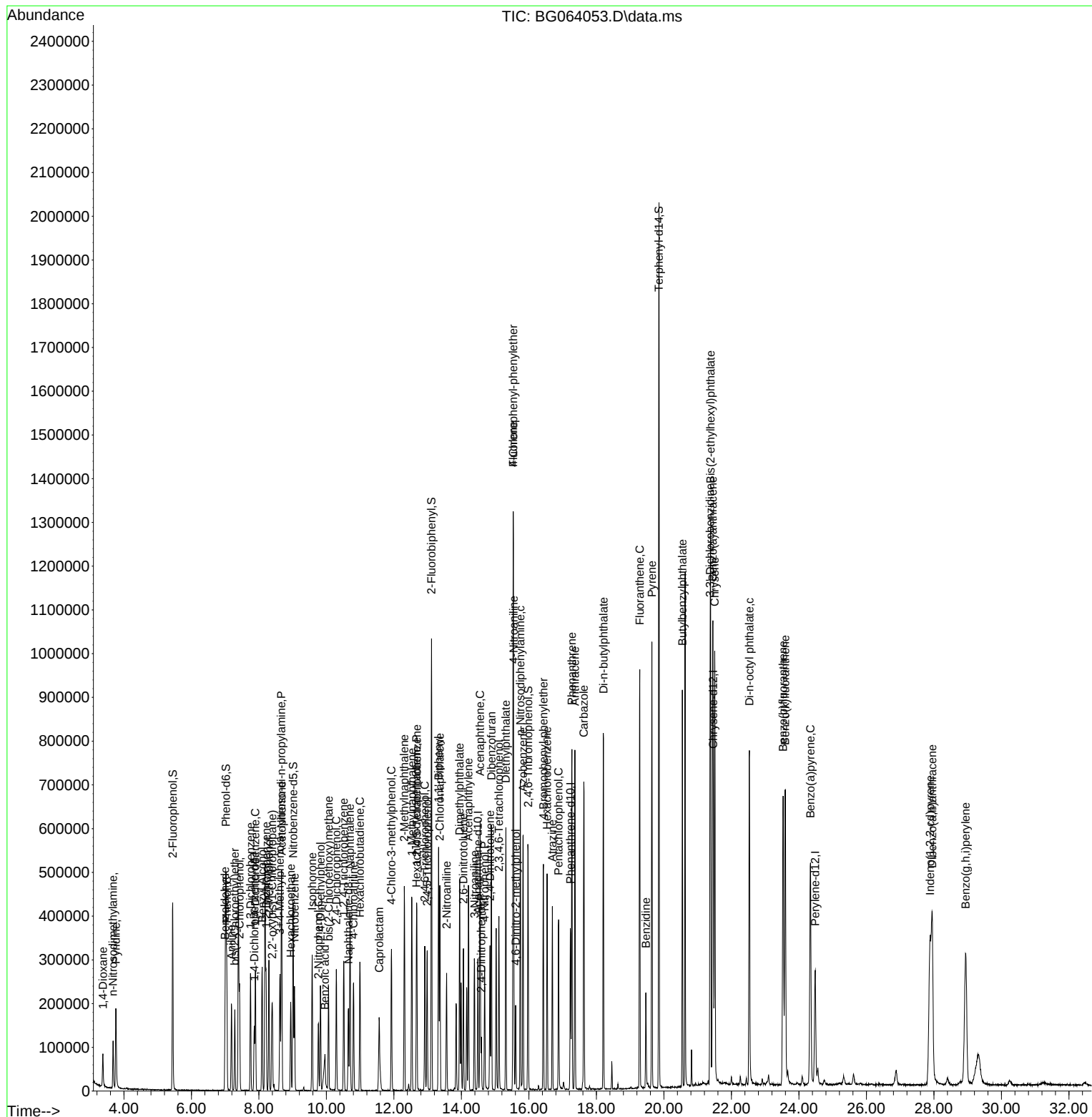
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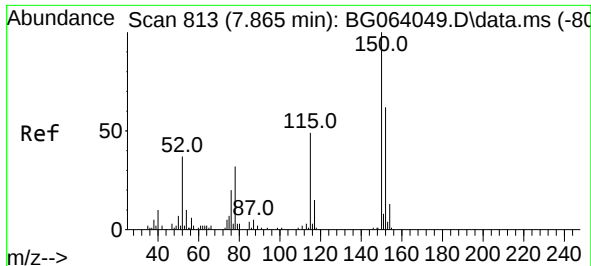
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
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 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

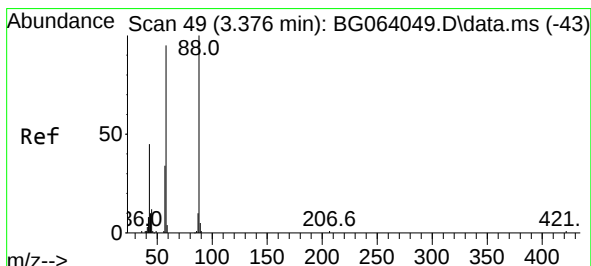
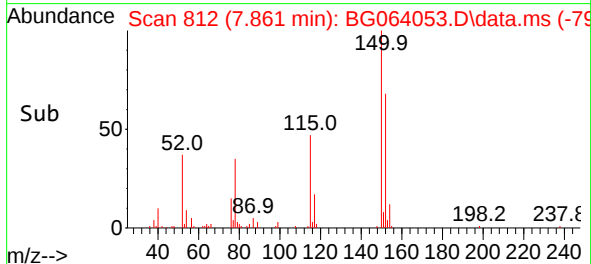
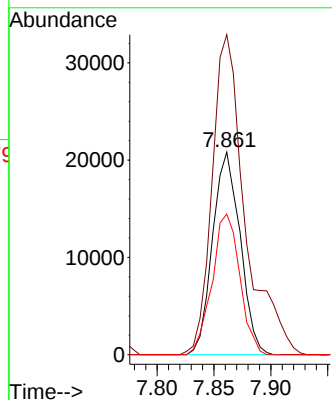
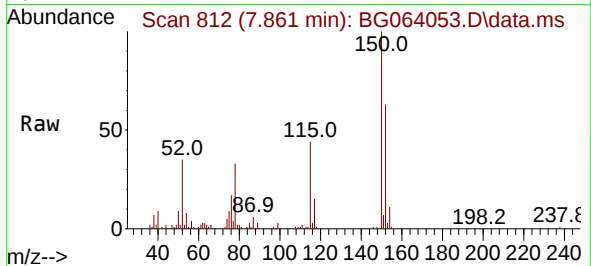
ICVBG030525

Tgt Ion:152 Resp: 35090
Ion Ratio Lower Upper
152 100
150 158.0 129.2 193.8
115 69.5 63.0 94.6

Manual Integrations

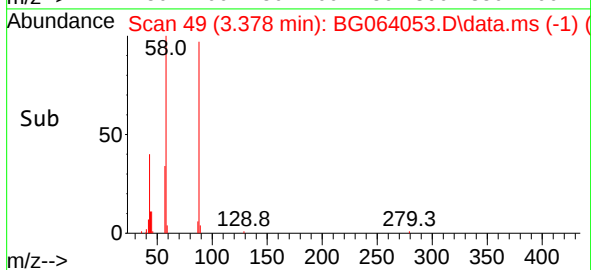
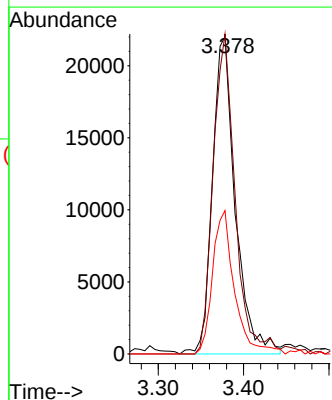
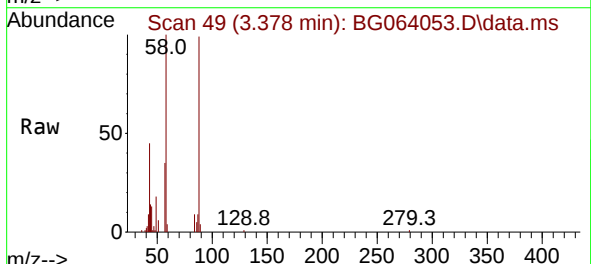
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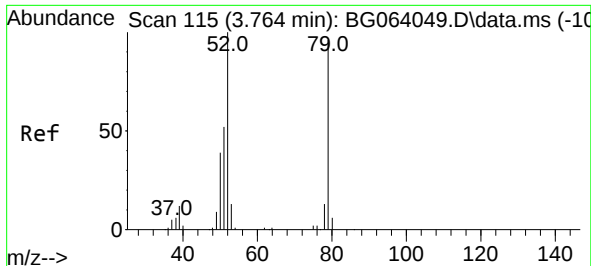
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#2
1,4-Dioxane
Concen: 40.218 ng
RT: 3.378 min Scan# 49
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

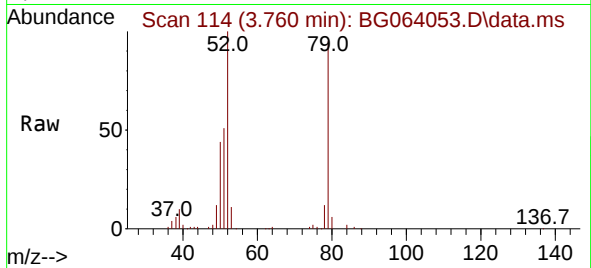
Tgt Ion: 88 Resp: 40961
Ion Ratio Lower Upper
88 100
58 96.9 74.6 111.8
43 43.3 35.5 53.3





#3
Pyridine
Concen: 39.931 ng
RT: 3.760 min Scan# 115
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

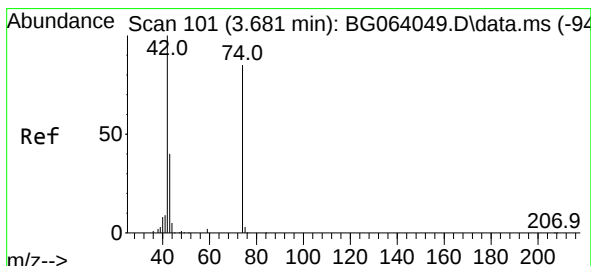
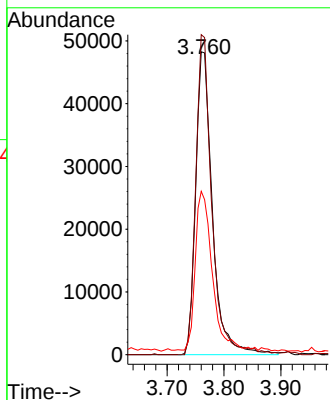
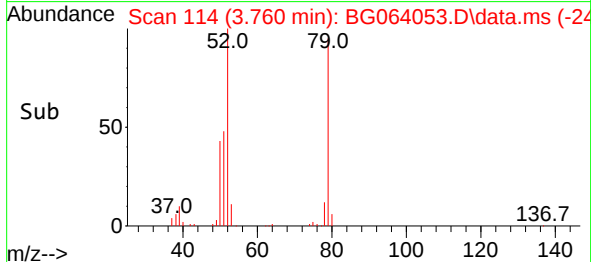
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion: 79 Resp: 9890
Ion Ratio Lower Upper
79 100
52 105.6 83.0 124.6
51 54.0 44.3 66.5

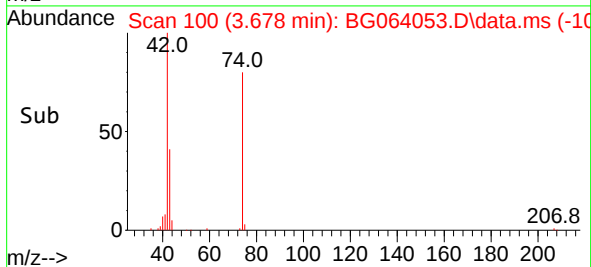
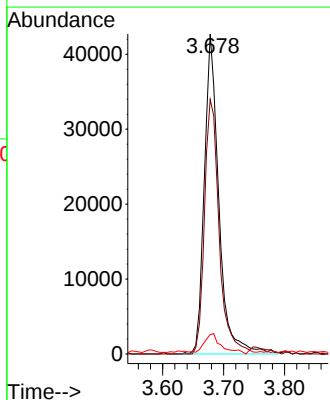
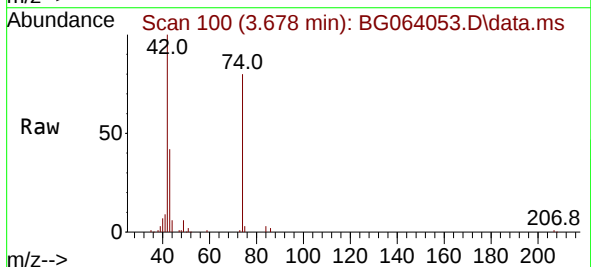
Manual Integrations
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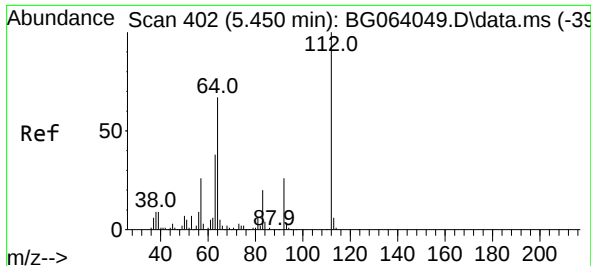
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#4
n-Nitrosodimethylamine
Concen: 39.980 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 42 Resp: 70753
Ion Ratio Lower Upper
42 100
74 79.5 68.0 102.0
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 78.823 ng
RT: 5.446 min Scan# 402
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

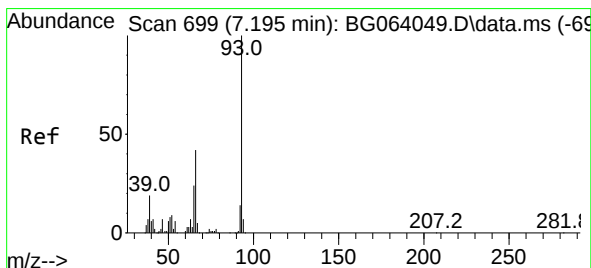
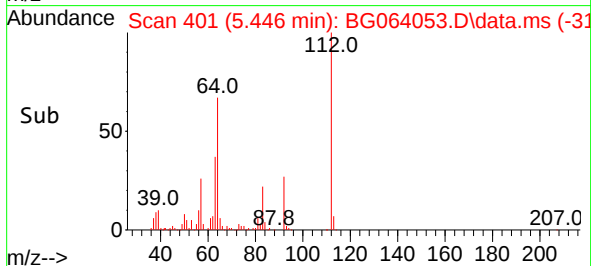
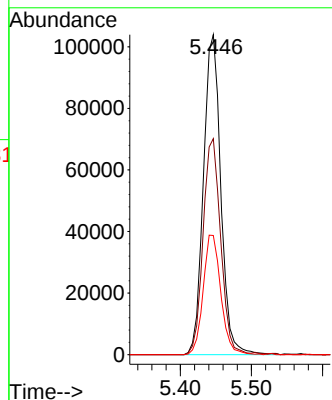
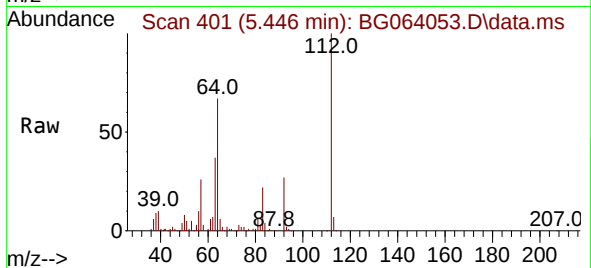
ICVBG030525

Tgt Ion:112 Resp: 177138
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 37.2 30.2 45.4

Manual Integrations

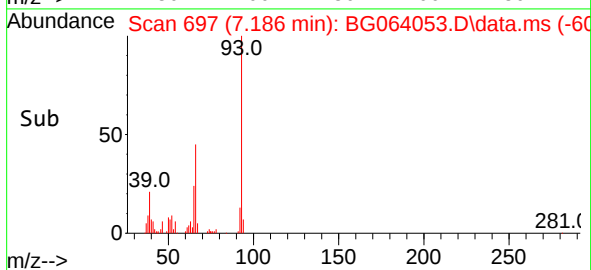
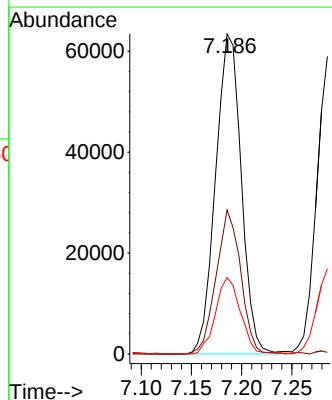
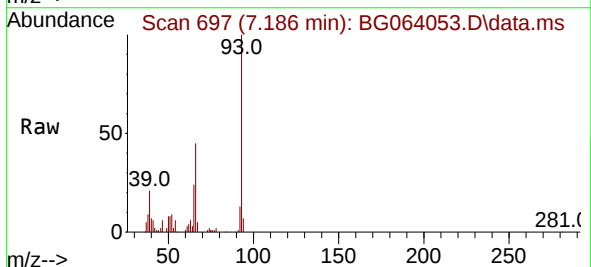
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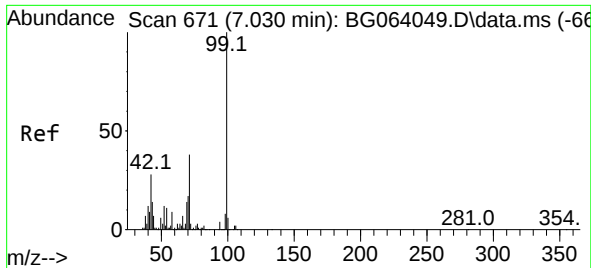
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#6
Aniline
Concen: 37.544 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

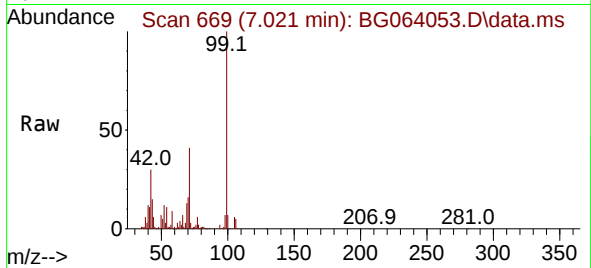
Tgt Ion: 93 Resp: 112627
Ion Ratio Lower Upper
93 100
66 45.0 33.7 50.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 75.496 ng
RT: 7.021 min Scan# 671
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

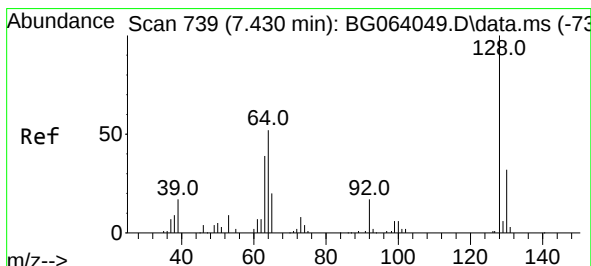
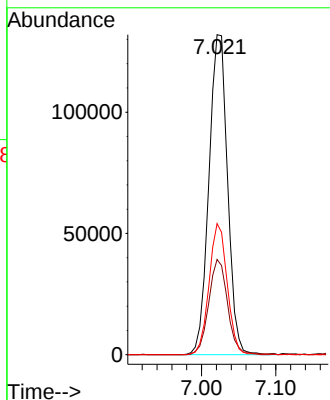
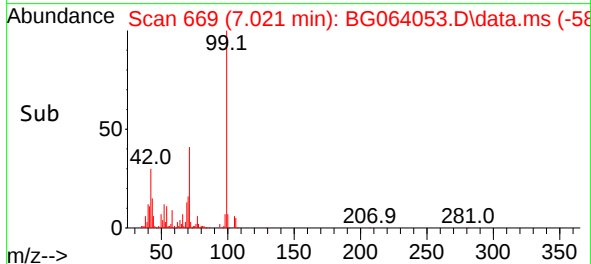
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion: 99 Resp: 230804
Ion Ratio Lower Upper
99 100
42 29.8 22.7 34.1
71 41.0 30.6 46.0

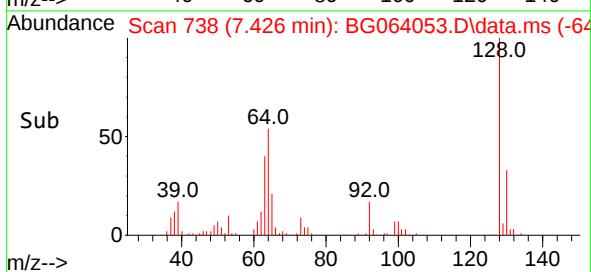
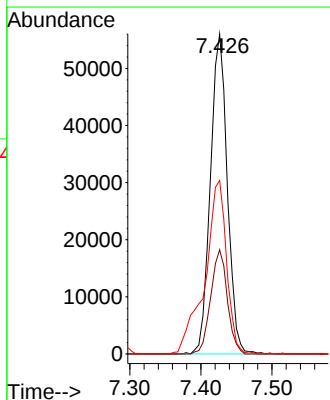
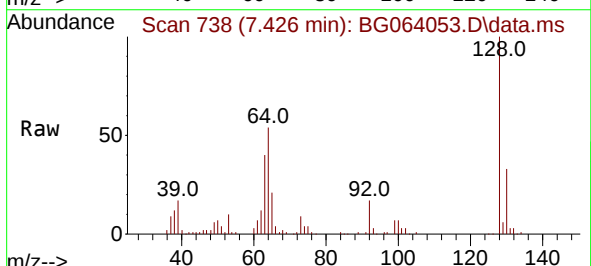
Manual Integrations
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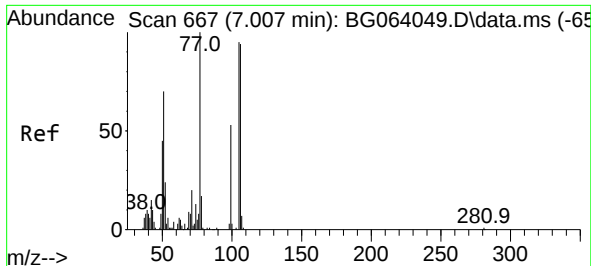
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#8
2-Chlorophenol
Concen: 38.417 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

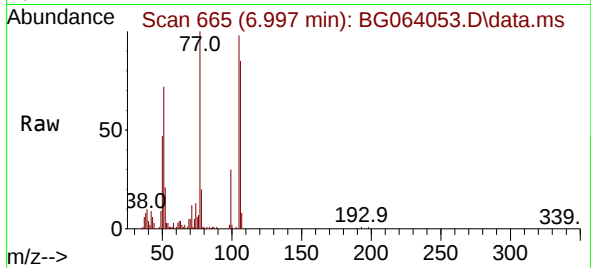
Tgt Ion:128 Resp: 92723
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 54.2 37.0 77.0





#9
Benzaldehyde
Concen: 38.087 ng m
RT: 6.997 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

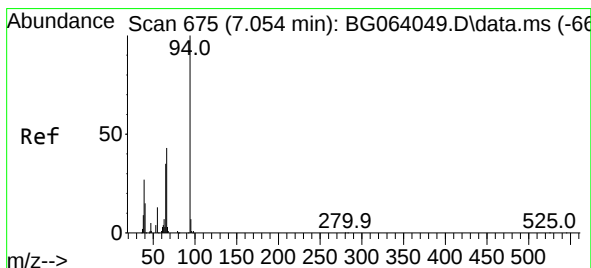
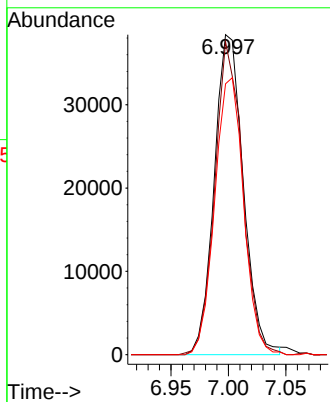
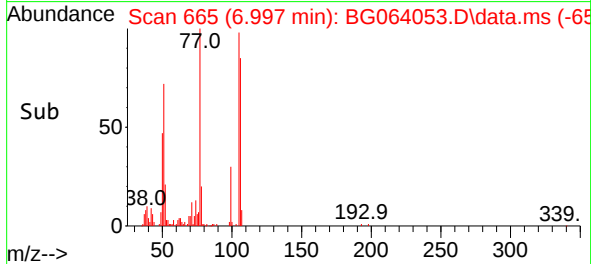
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Tgt Ion: 77 Resp: 67720
Ion Ratio Lower Upper
77 100
105 97.8 75.5 115.5
106 84.6 74.2 114.2

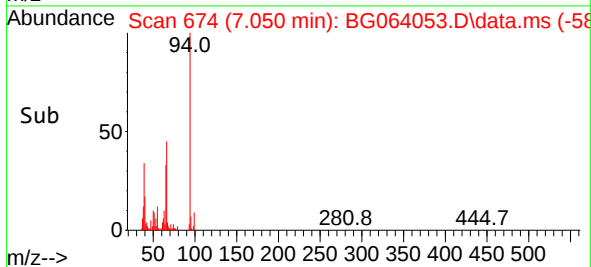
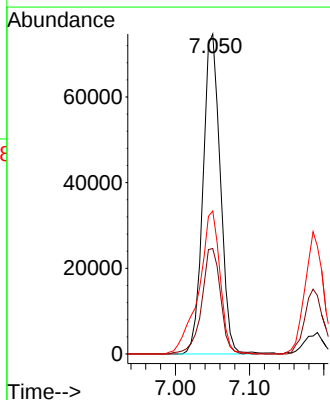
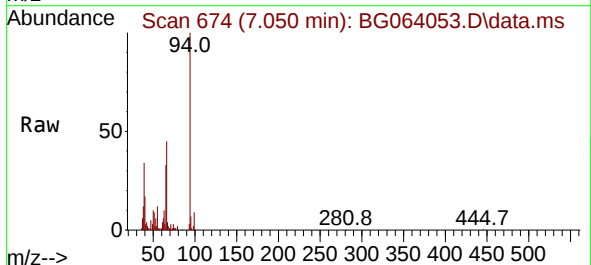
Manual Integrations
APPROVED

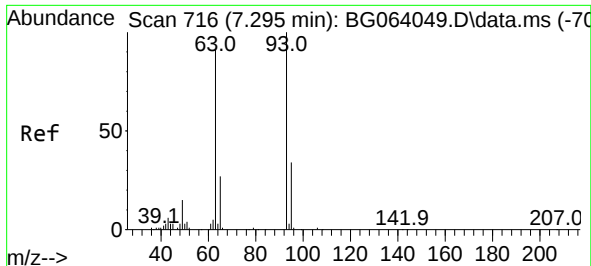
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#10
Phenol
Concen: 38.806 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 94 Resp: 121465
Ion Ratio Lower Upper
94 100
65 33.0 15.2 55.2
66 44.7 25.1 65.1





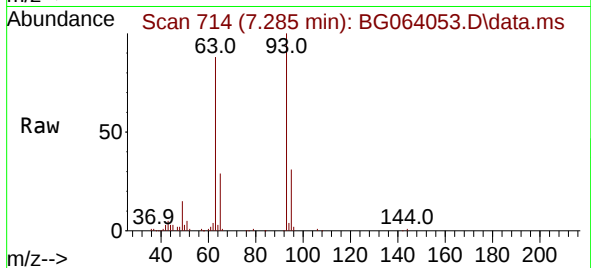
#11
bis(2-Chloroethyl)ether
Concen: 36.822 ng
RT: 7.285 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

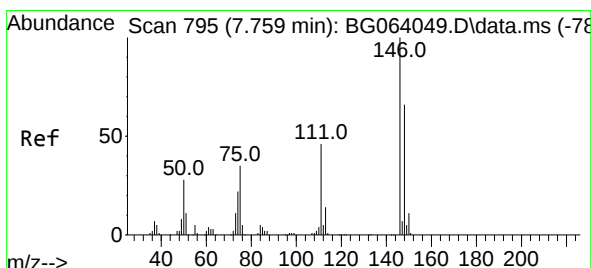
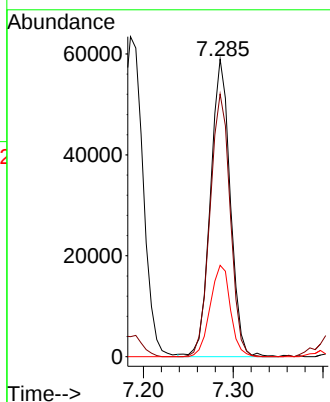
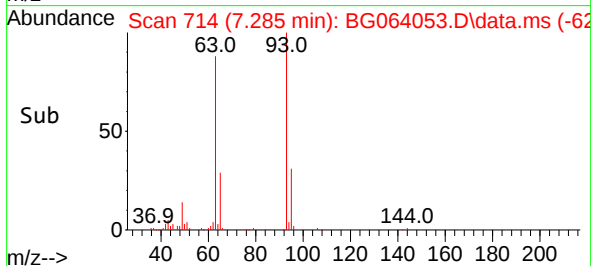
ICVBG030525



Tgt Ion: 93 Resp: 90358
Ion Ratio Lower Upper
93 100
63 88.3 70.0 110.0
95 30.7 13.7 53.7

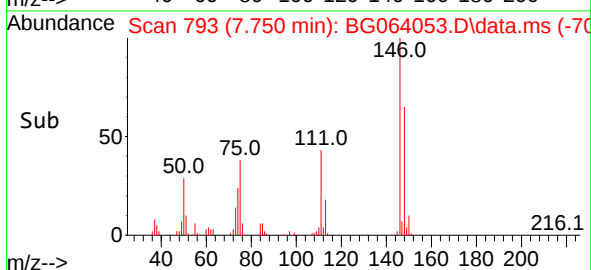
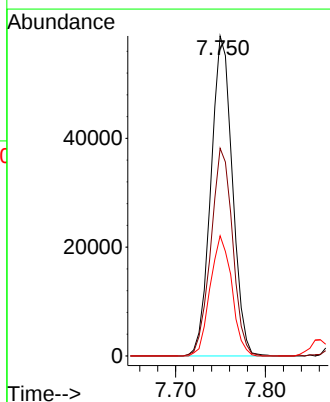
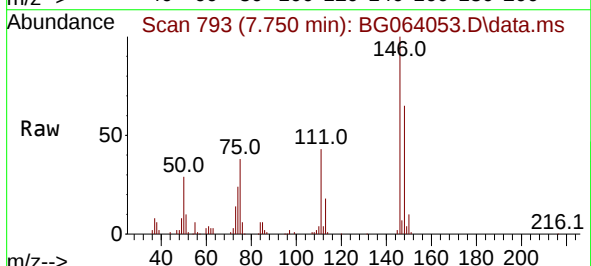
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 36.876 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

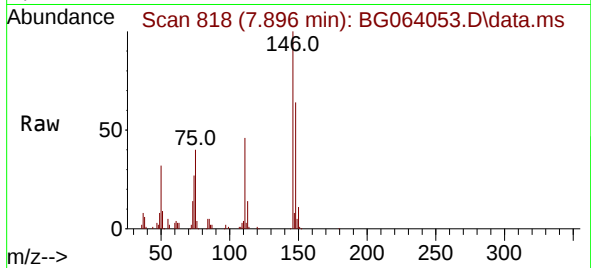
Tgt Ion:146 Resp: 97739
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 37.6 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 36.676 ng
RT: 7.896 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

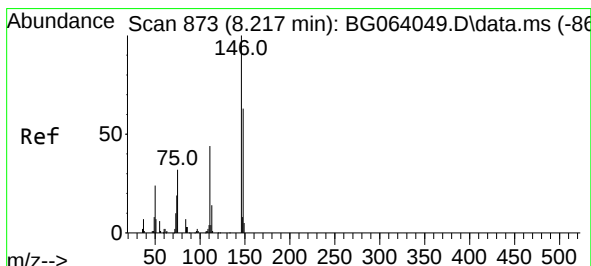
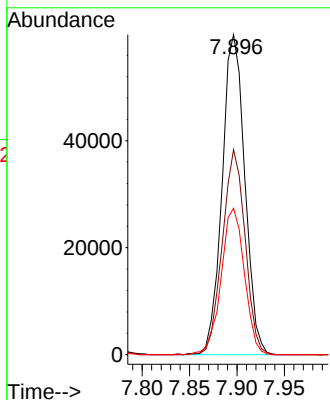
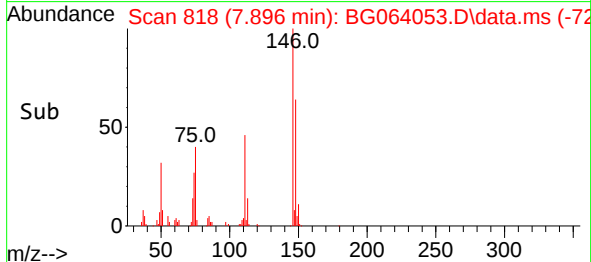
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:146 Resp: 99638
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 45.8 35.1 52.7

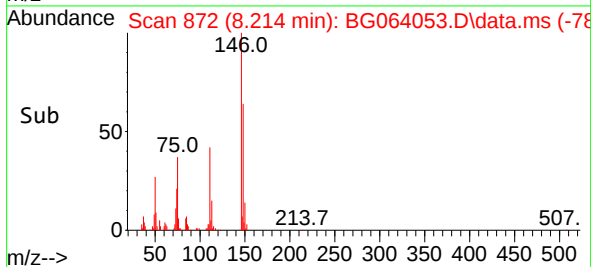
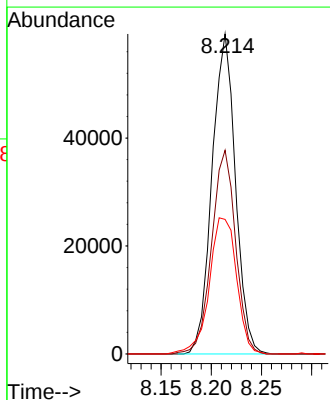
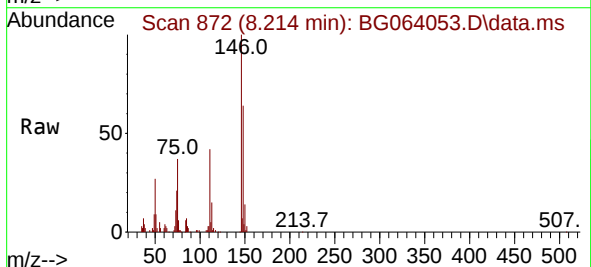
Manual Integrations
APPROVED

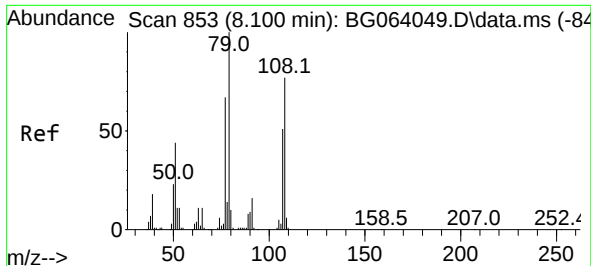
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#14
1,2-Dichlorobenzene
Concen: 36.695 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

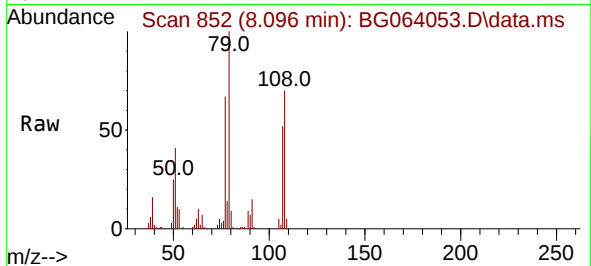
Tgt Ion:146 Resp: 96129
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 42.1 36.4 54.6





#15
Benzyl Alcohol
Concen: 38.023 ng
RT: 8.096 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

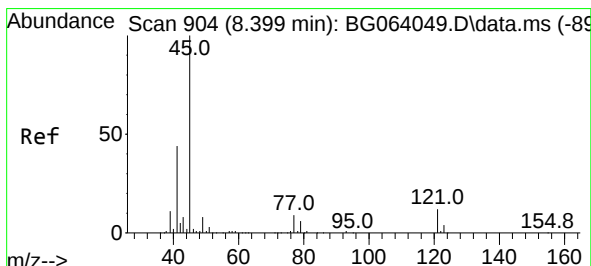
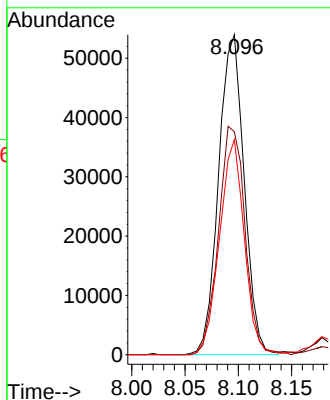
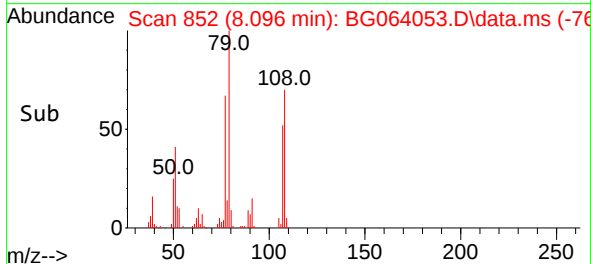
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



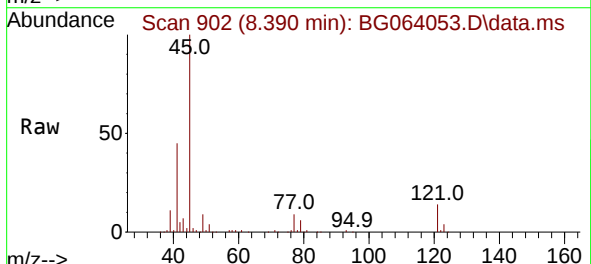
Tgt Ion: 79 Resp: 89828
Ion Ratio Lower Upper
79 100
108 69.7 61.7 92.5
77 67.2 53.9 80.9

Manual Integrations
APPROVED

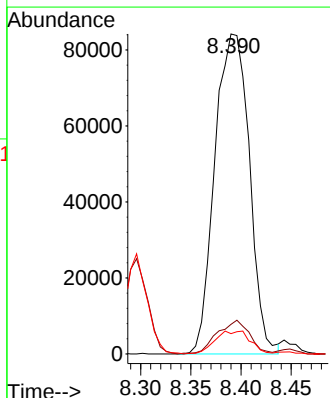
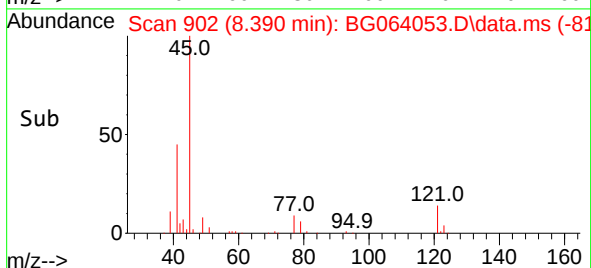
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.540 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion: 45 Resp: 201622
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.0
79 6.4 0.0 26.6





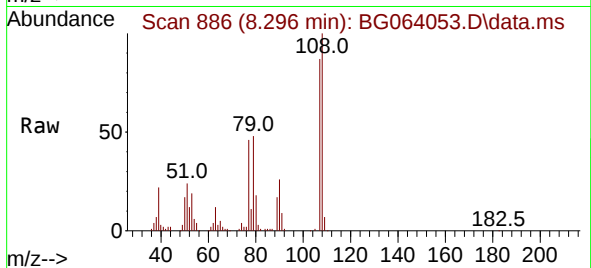
#17
2-Methylphenol
Concen: 37.680 ng
RT: 8.296 min Scan# 887
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

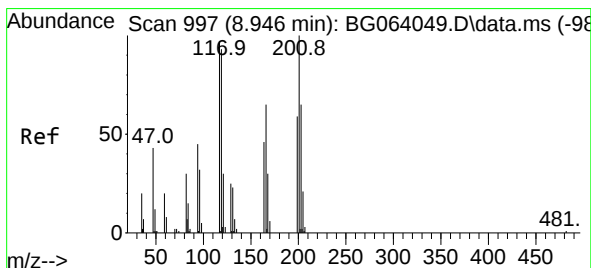
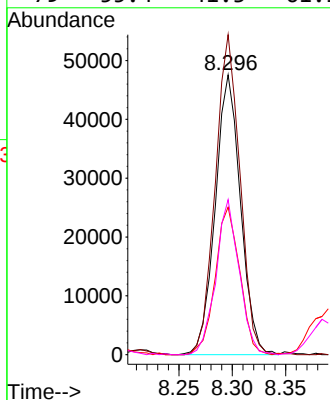
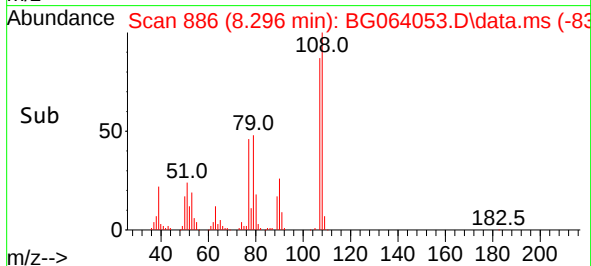


Tgt Ion:	107	Resp:	78270
Ion Ratio	Lower	Upper	
107	100		
108	114.3	92.5	138.7
77	52.7	40.5	60.7
79	55.4	41.3	61.9

Manual Integrations

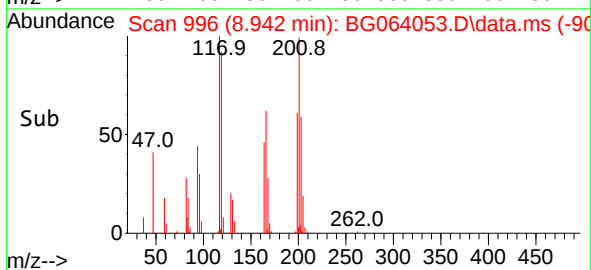
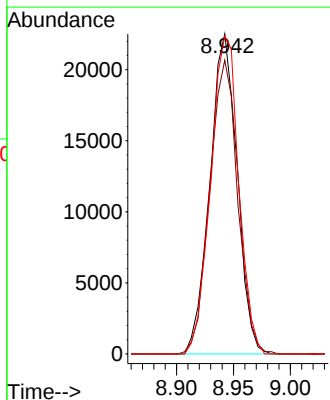
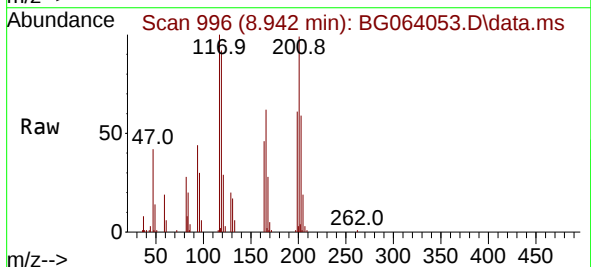
APPROVED

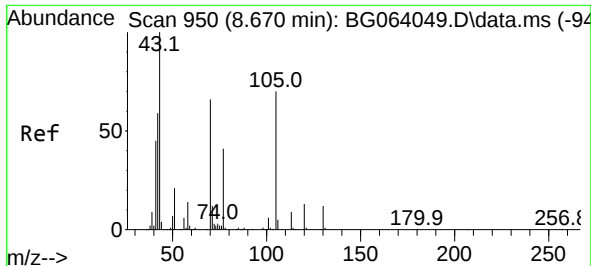
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#18
Hexachloroethane
Concen: 39.404 ng
RT: 8.942 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

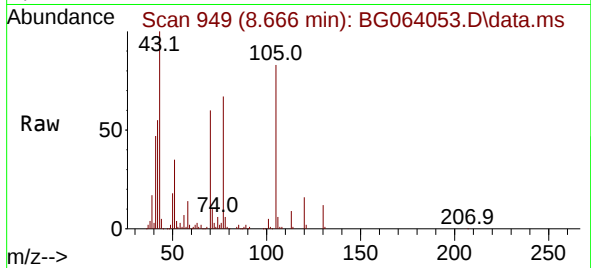
Tgt Ion:	117	Resp:	37454
Ion Ratio	Lower	Upper	
117	100		
119	91.8	76.2	114.2
201	99.3	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 35.648 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

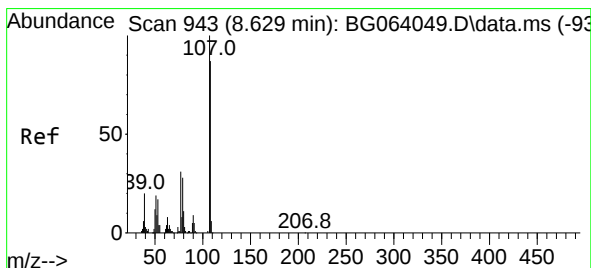
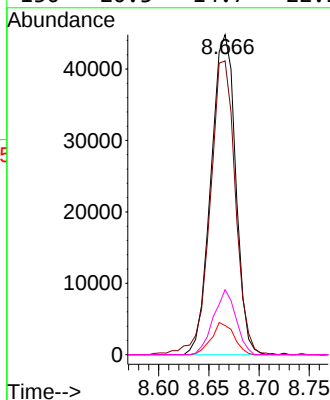
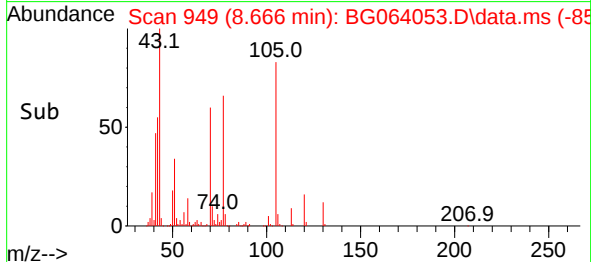
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



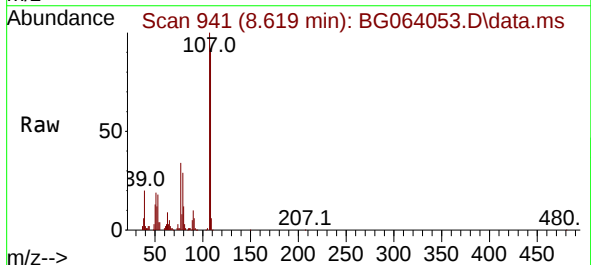
Tgt Ion: 70 Resp: 76484
Ion Ratio Lower Upper
70 100
42 91.8 72.1 108.1
101 9.1 7.2 10.8
130 20.3 14.7 22.1

Manual Integrations
APPROVED

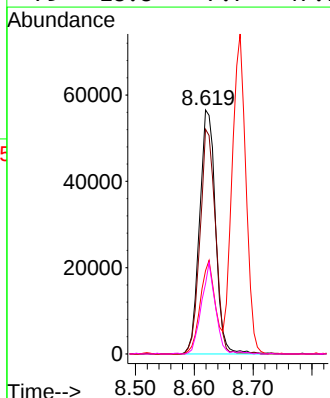
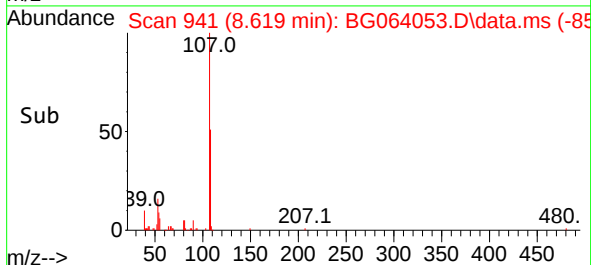
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

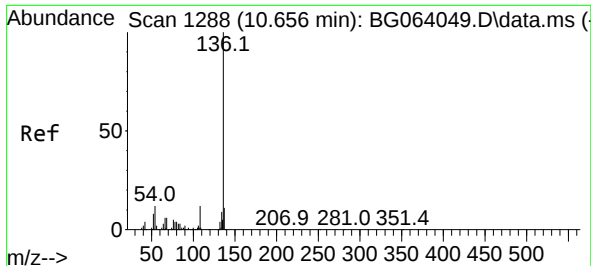


#20
3+4-Methylphenols
Concen: 37.166 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



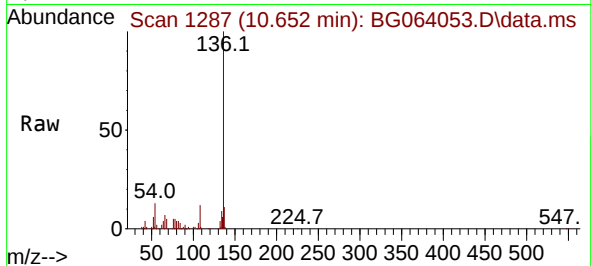
Tgt Ion:107 Resp: 106291
Ion Ratio Lower Upper
107 100
108 92.1 67.0 107.0
77 34.2 11.2 51.2
79 28.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

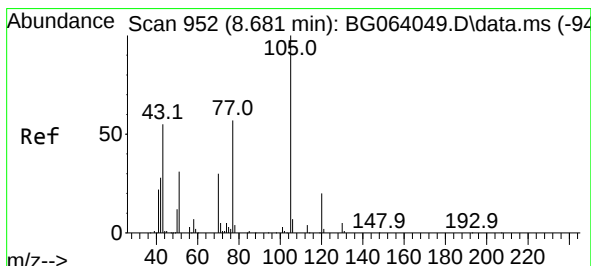
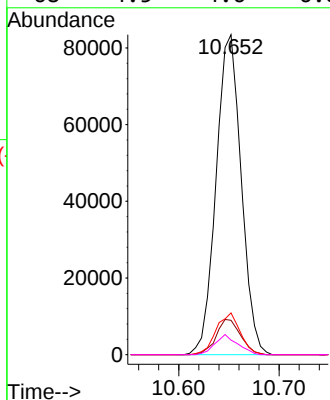
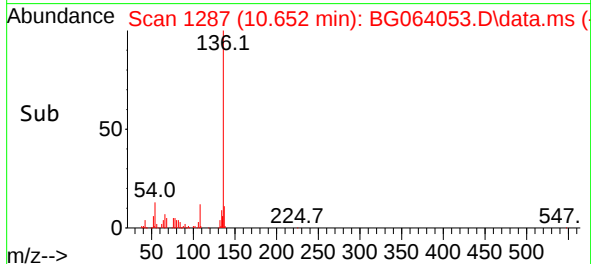
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:	136	Resp:	145084
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	13.0	9.9	14.9
68	4.5	4.6	6.8#

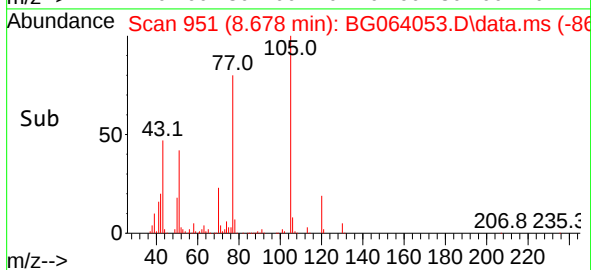
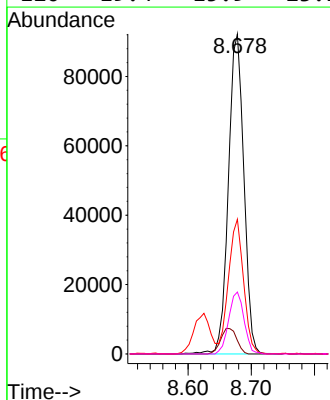
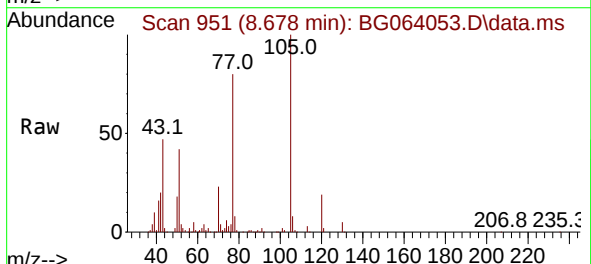
Manual Integrations
APPROVED

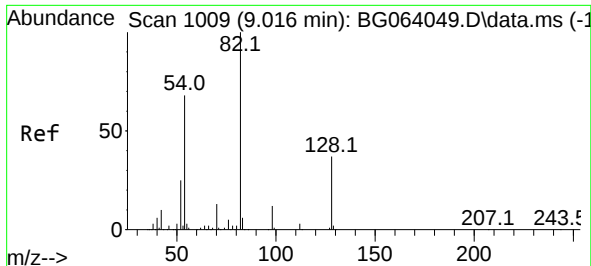
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#22
Acetophenone
Concen: 39.285 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:	105	Resp:	156271
Ion Ratio	Lower	Upper	
105	100		
71	4.2	4.2	6.4#
51	42.1	33.3	49.9
120	19.4	15.9	23.9





#23
Nitrobenzene-d5
Concen: 84.279 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

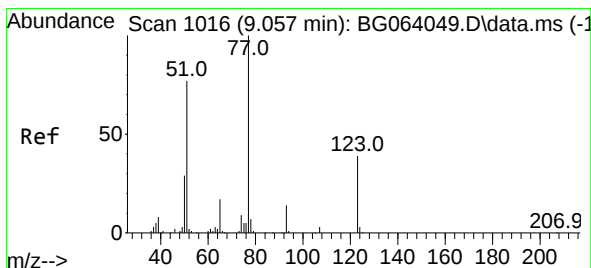
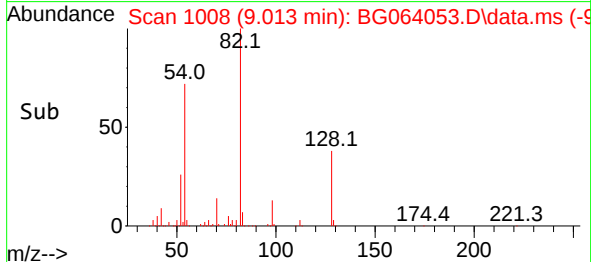
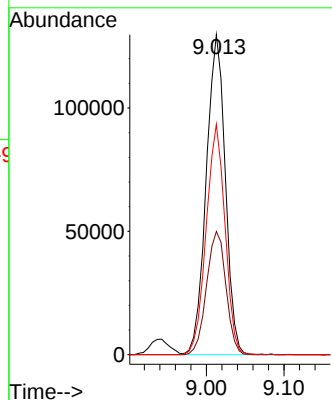
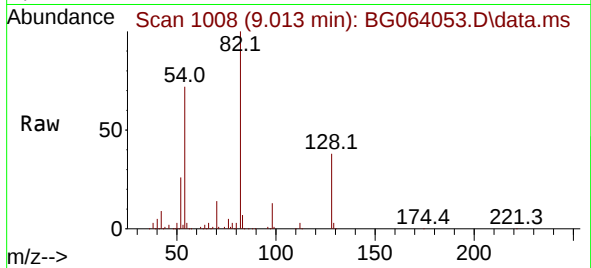
ClientSampleId :

ICVBG030525

Tgt Ion: 82 Resp: 22126
Ion Ratio Lower Upper
82 100
128 38.5 30.0 45.0
54 72.0 54.7 82.1

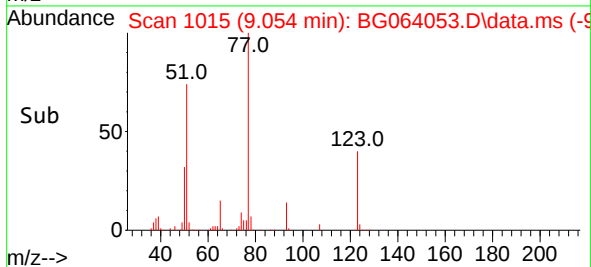
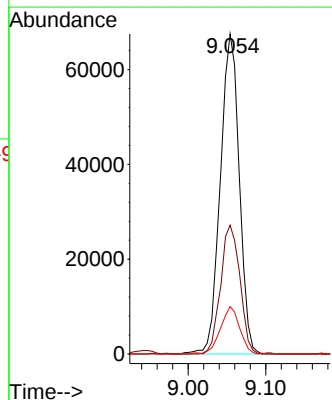
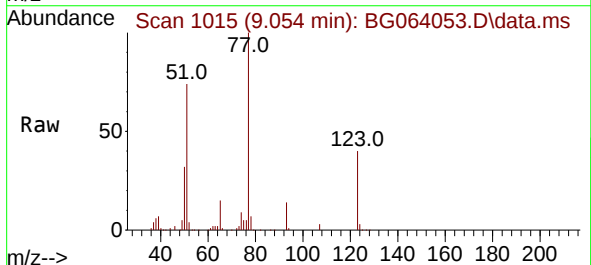
Manual Integrations
APPROVED

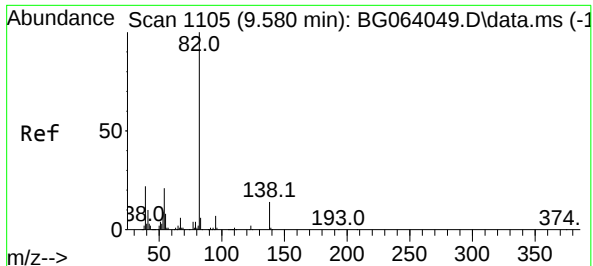
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#24
Nitrobenzene
Concen: 42.208 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 77 Resp: 114521
Ion Ratio Lower Upper
77 100
123 40.3 31.4 47.2
65 14.8 13.4 20.0





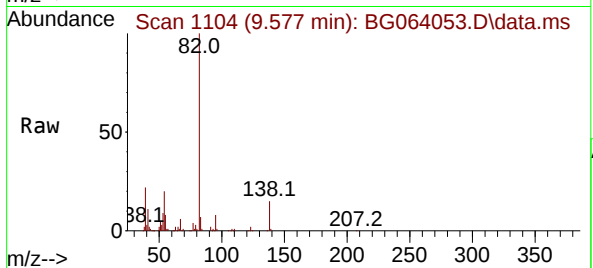
#25
Isophorone
Concen: 37.823 ng
RT: 9.577 min Scan# 1105
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

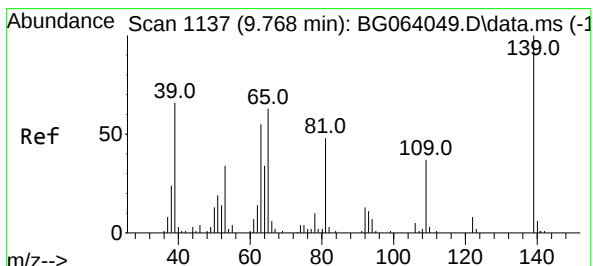
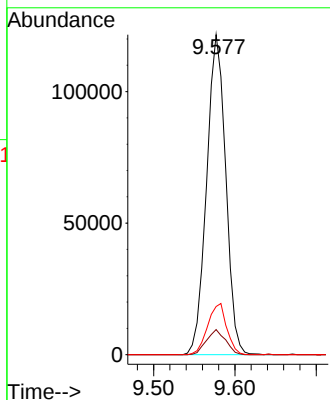
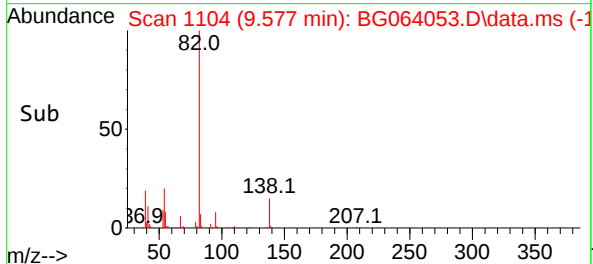


Tgt Ion: 82 Resp: 198754
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.1 10.9 16.3

Manual Integrations

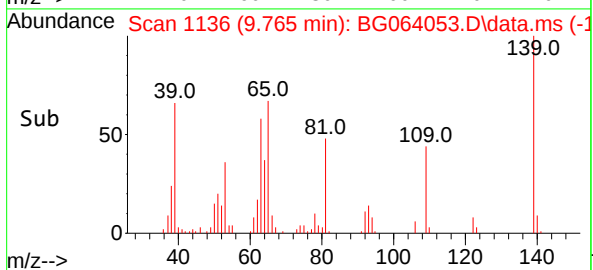
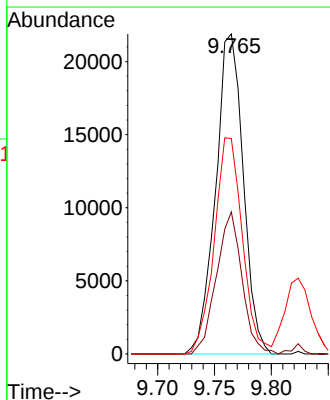
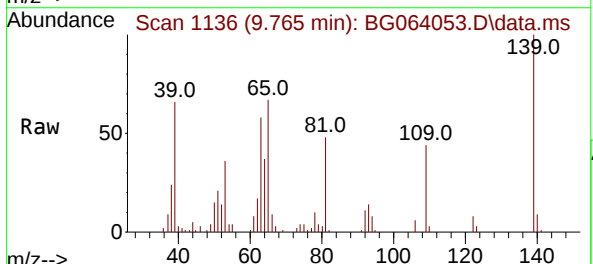
APPROVED

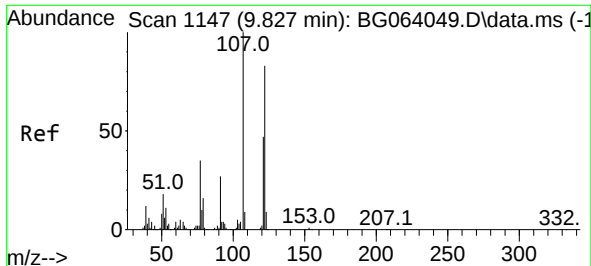
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#26
2-Nitrophenol
Concen: 40.946 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 36978
Ion Ratio Lower Upper
139 100
109 44.4 29.9 44.9
65 67.3 50.6 76.0





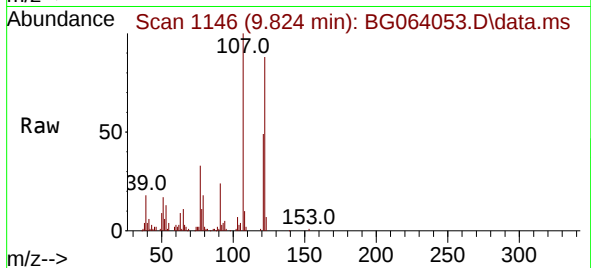
#27
2,4-Dimethylphenol
Concen: 40.139 ng
RT: 9.824 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

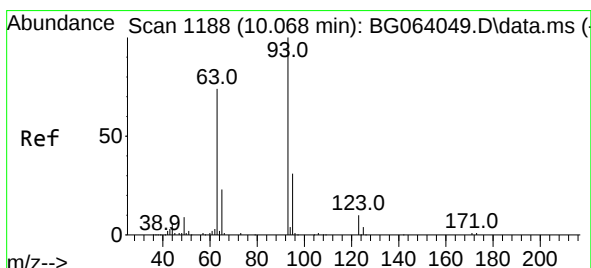
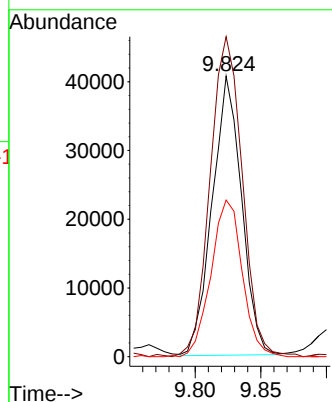
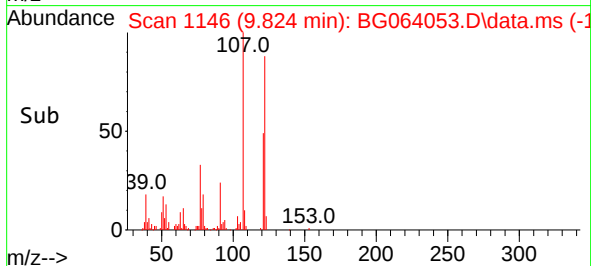


Tgt Ion:122 Resp: 6323
Ion Ratio Lower Upper
122 100
107 114.1 95.4 143.0
121 55.8 44.9 67.3

Manual Integrations

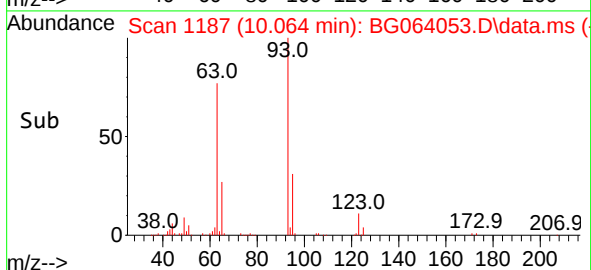
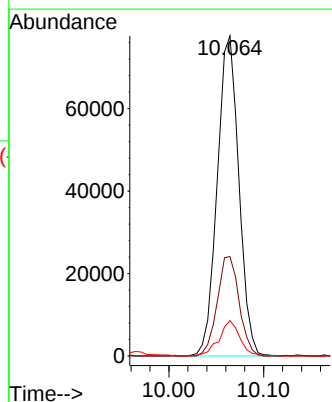
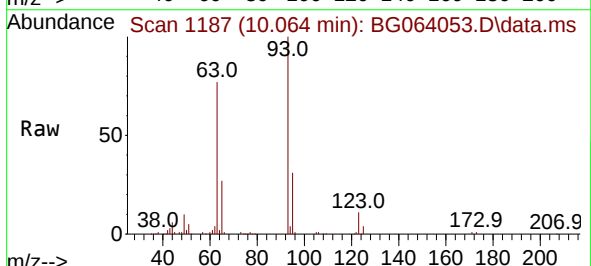
APPROVED

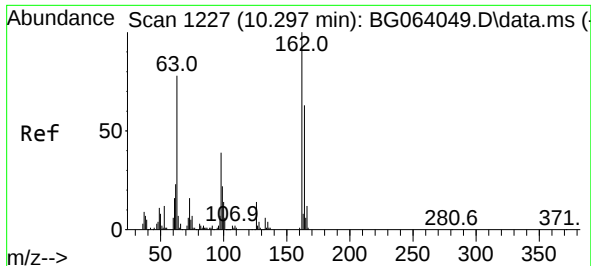
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.620 ng
RT: 10.064 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 93 Resp: 123038
Ion Ratio Lower Upper
93 100
95 31.1 25.0 37.4
123 11.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 41.154 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

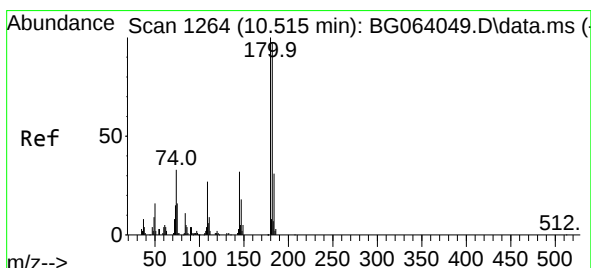
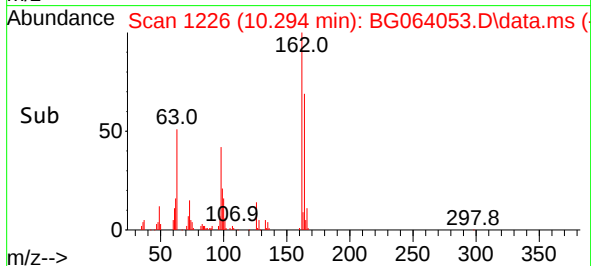
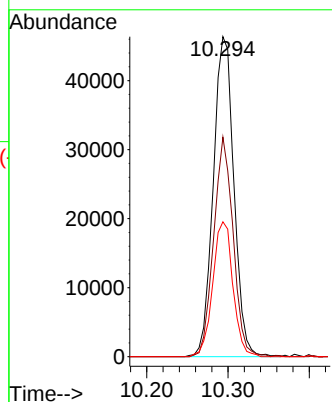
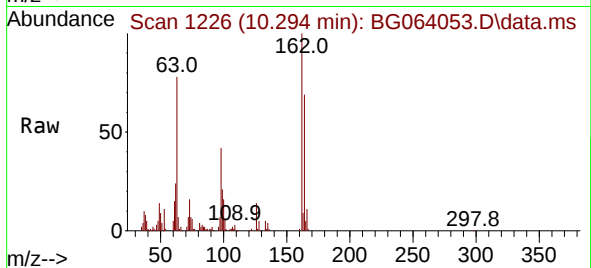
ClientSampleId :

ICVBG030525

Tgt Ion:162 Resp: 8186
Ion Ratio Lower Upper
162 100
164 68.6 42.8 82.8
98 42.1 19.1 59.1

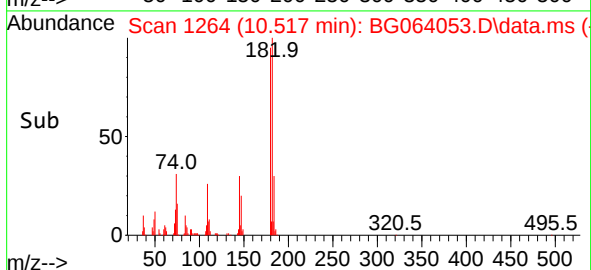
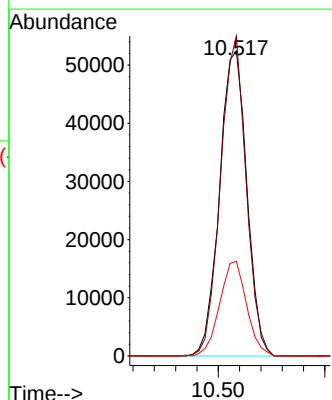
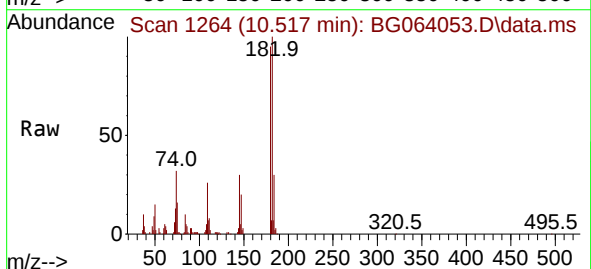
Manual Integrations
APPROVED

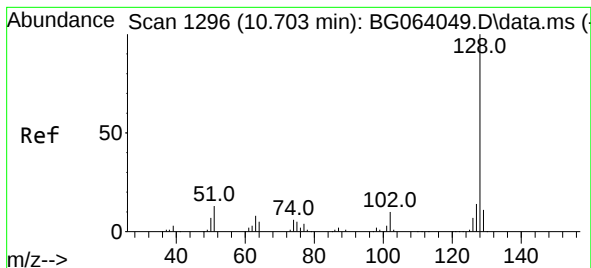
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.802 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:180 Resp: 93175
Ion Ratio Lower Upper
180 100
182 104.9 77.3 115.9
145 31.1 25.2 37.8





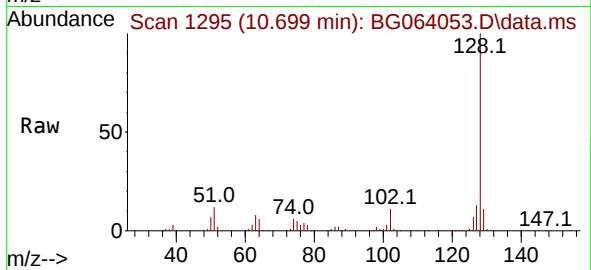
#31
Naphthalene
Concen: 39.402 ng
RT: 10.699 min Scan# 1167
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

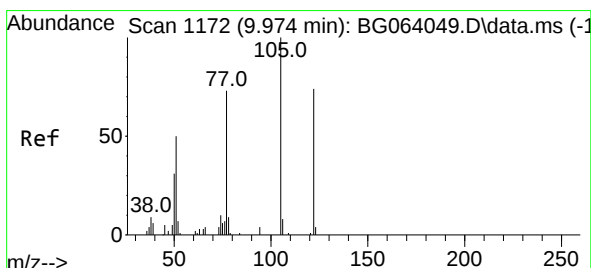
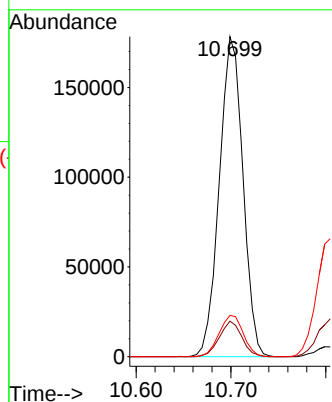
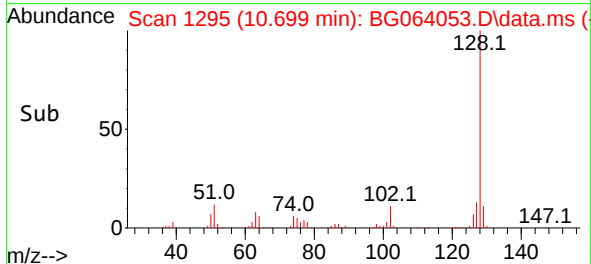


Tgt Ion:128 Resp: 30825
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.9 11.1 16.7

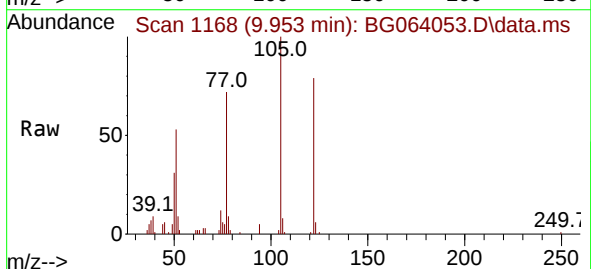
Manual Integrations

APPROVED

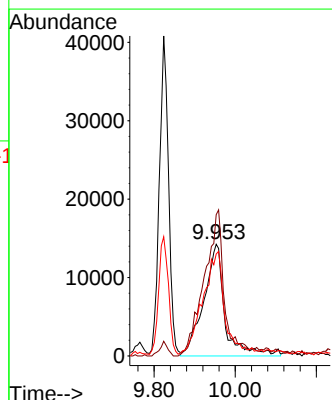
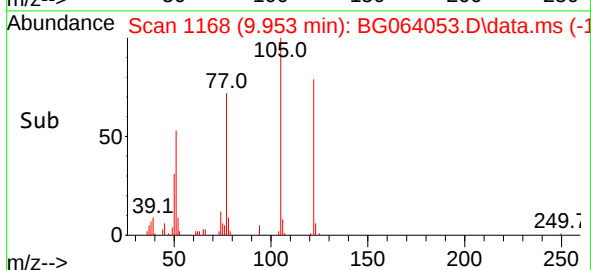
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

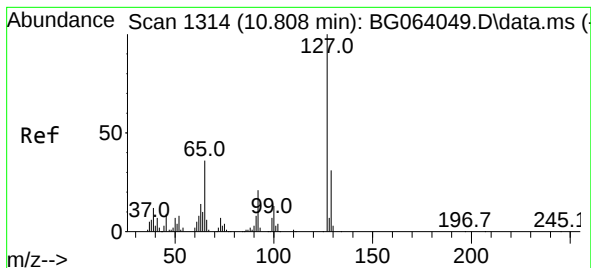


#32
Benzoic acid
Concen: 37.906 ng m
RT: 9.953 min Scan# 1168
Delta R.T. -0.021 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



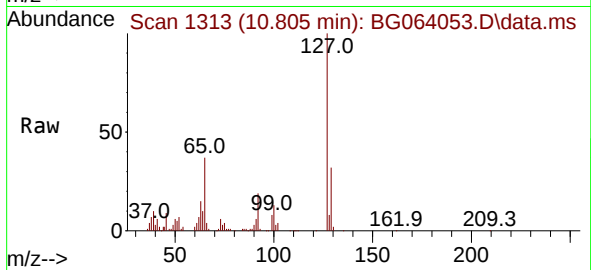
Tgt Ion:122 Resp: 51607
Ion Ratio Lower Upper
122 100
105 126.5 115.0 155.0
77 91.3 80.9 120.9





#33
4-Chloroaniline
Concen: 39.949 ng
RT: 10.805 min Scan# 114228
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

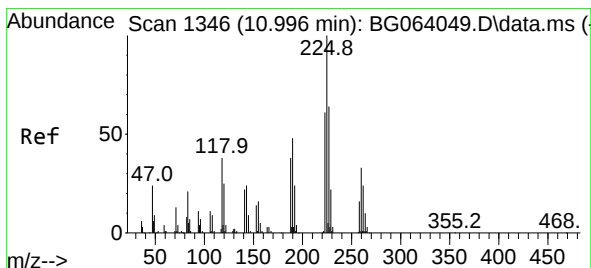
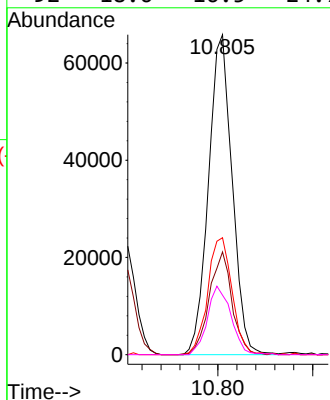
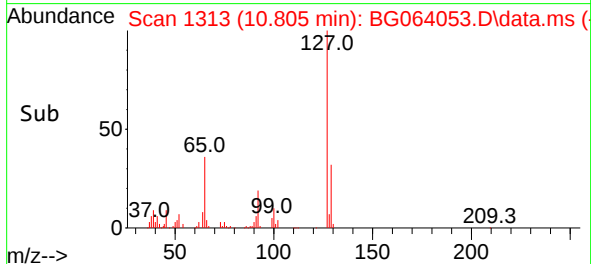
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



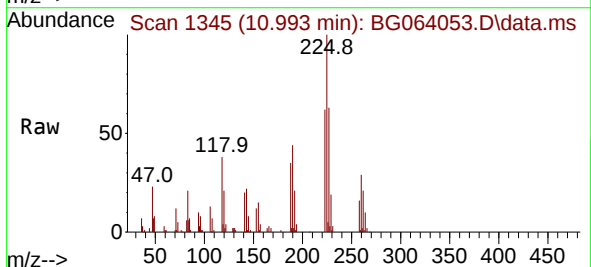
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	36.5	28.5	42.7
92	18.6	16.5	24.7

Manual Integrations
APPROVED

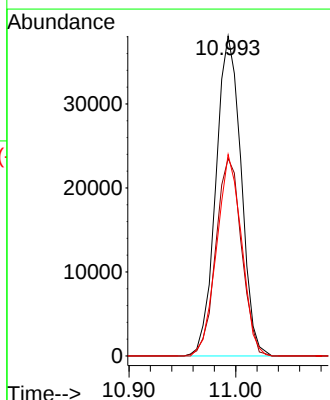
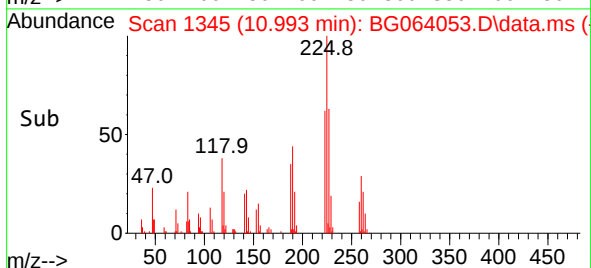
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

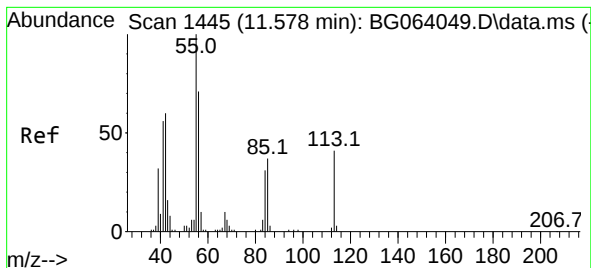


#34
Hexachlorobutadiene
Concen: 39.720 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



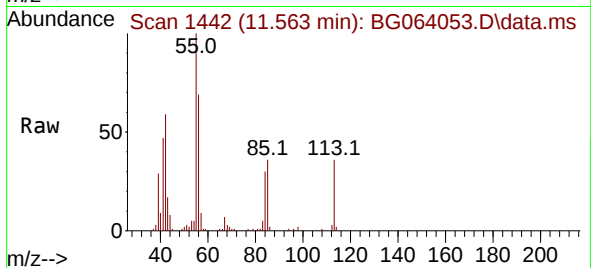
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.5	72.7
227	63.0	51.0	76.6





#35
Caprolactam
Concen: 42.084 ng
RT: 11.563 min Scan# 1445
Delta R.T. -0.015 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

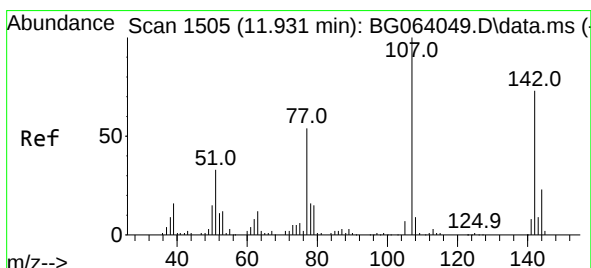
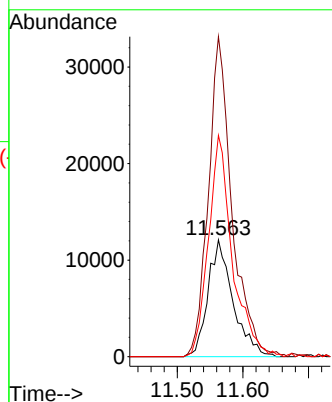
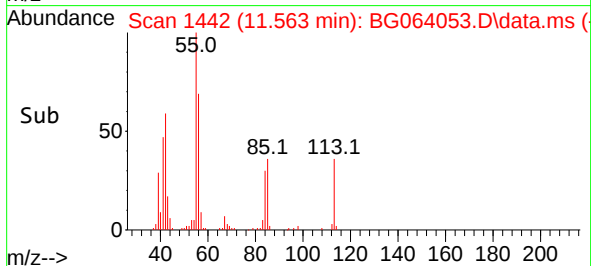
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



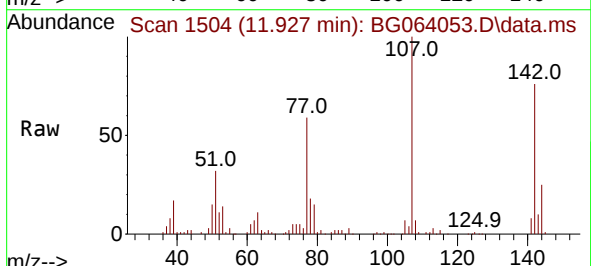
Tgt Ion:113 Resp: 32080
Ion Ratio Lower Upper
113 100
55 274.0 225.2 265.2
56 189.5 153.4 193.4

Manual Integrations
APPROVED

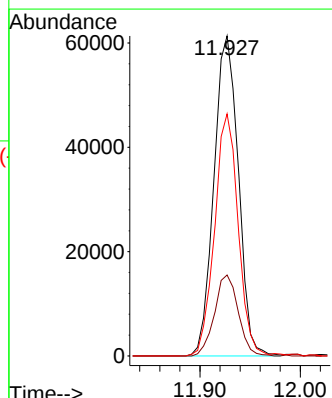
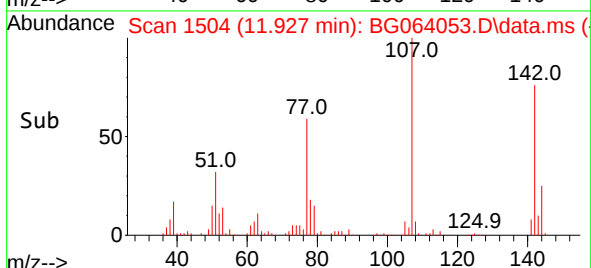
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

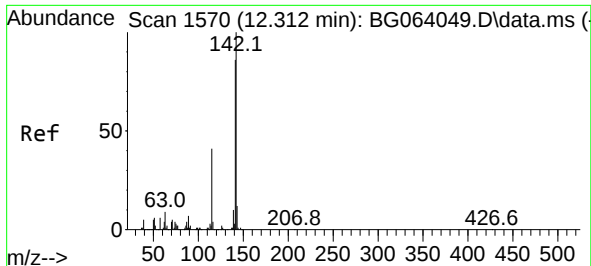


#36
4-Chloro-3-methylphenol
Concen: 39.649 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion:107 Resp: 103382
Ion Ratio Lower Upper
107 100
144 25.3 18.6 28.0
142 75.7 58.0 87.0





#37
2-Methylnaphthalene
Concen: 38.463 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

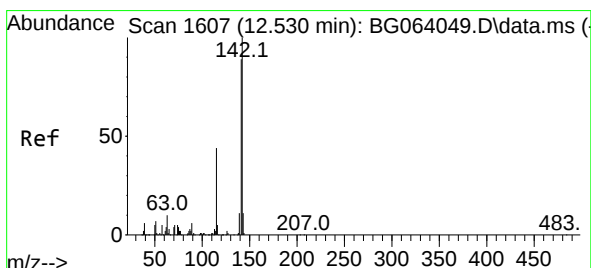
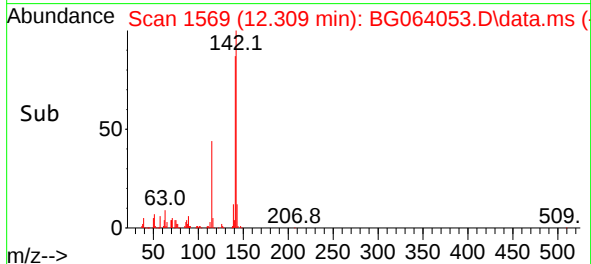
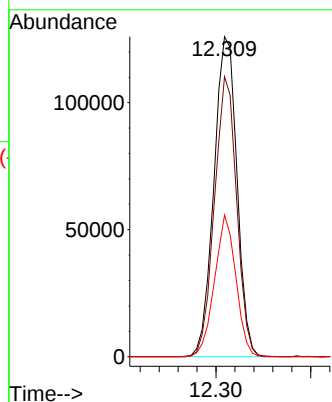
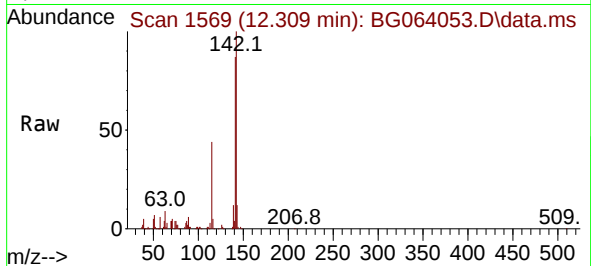
ICVBG030525

Tgt Ion:142 Resp: 21243
Ion Ratio Lower Upper
142 100
141 87.5 68.6 103.0
115 44.2 32.8 49.2

Manual Integrations

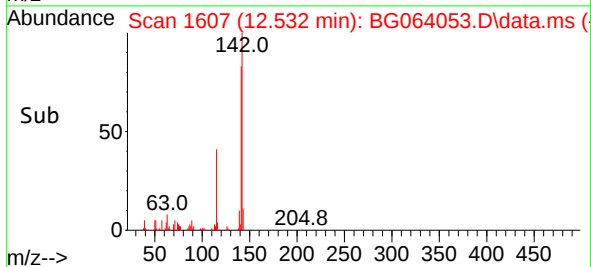
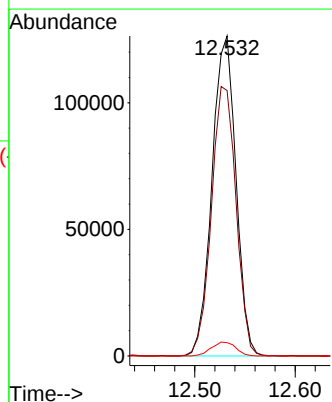
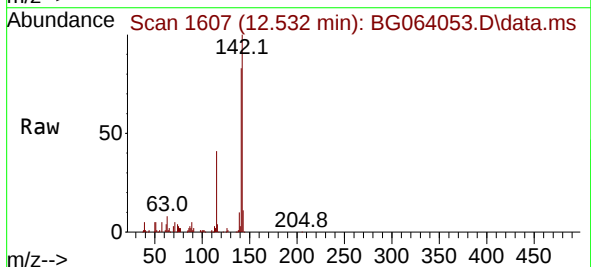
APPROVED

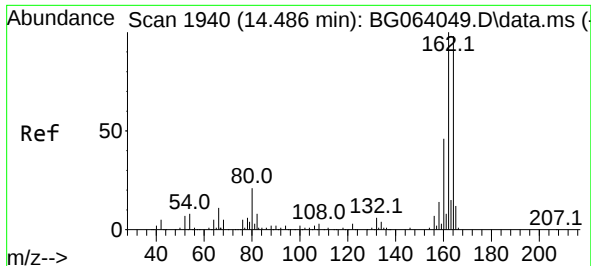
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#38
1-Methylnaphthalene
Concen: 38.724 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:142 Resp: 209530
Ion Ratio Lower Upper
142 100
141 83.0 71.2 106.8
116 4.1 3.6 5.4





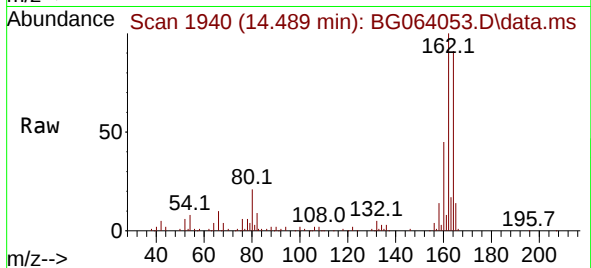
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

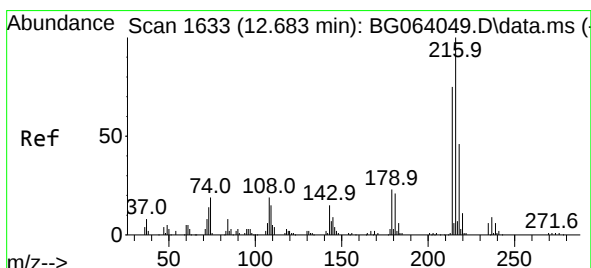
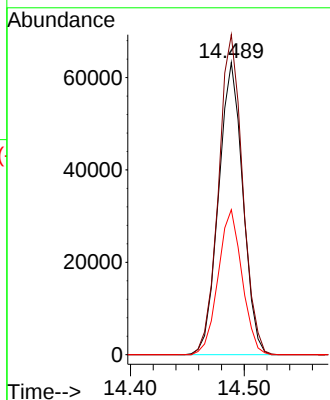
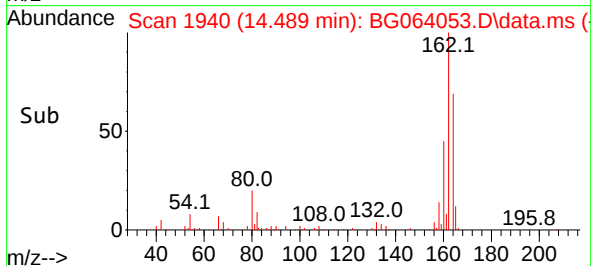


Tgt Ion:164 Resp: 93720
Ion Ratio Lower Upper
164 100
162 109.5 81.4 122.0
160 49.6 37.0 55.6

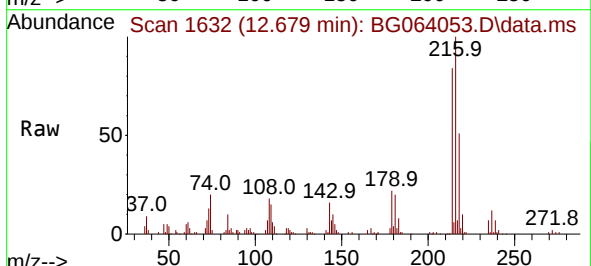
Manual Integrations

APPROVED

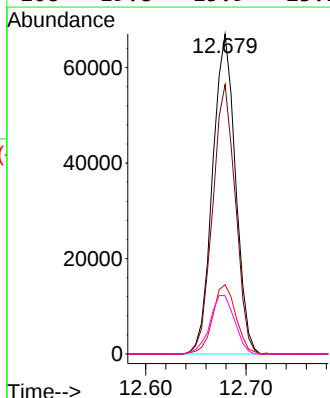
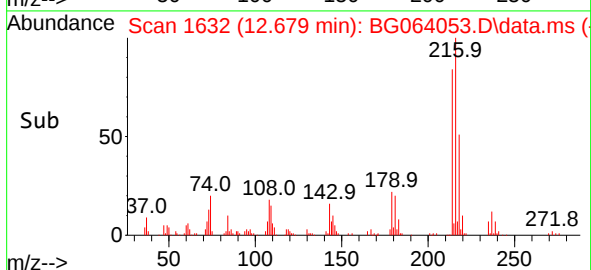
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

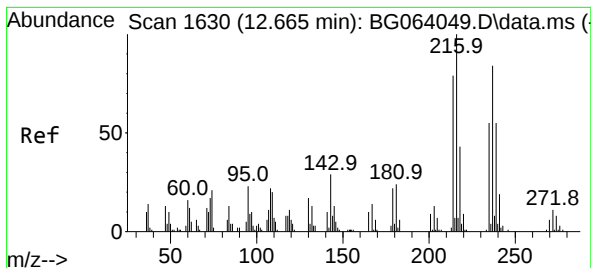


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.630 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



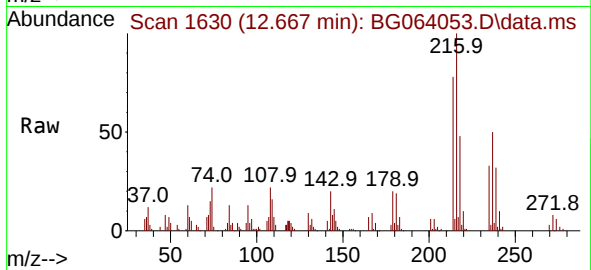
Tgt Ion:216 Resp: 106041
Ion Ratio Lower Upper
216 100
214 83.5 61.7 92.5
179 22.0 17.9 26.9
108 19.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 43.873 ng
RT: 12.667 min Scan# 1630
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

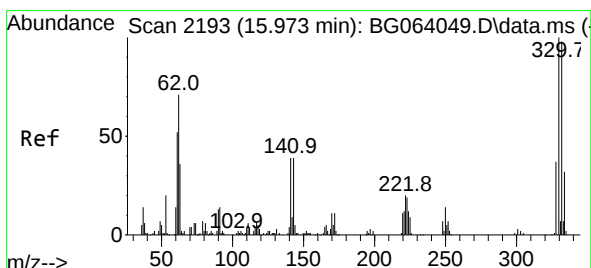
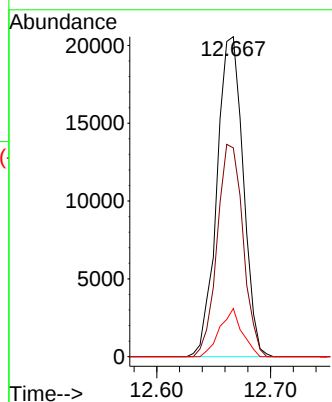
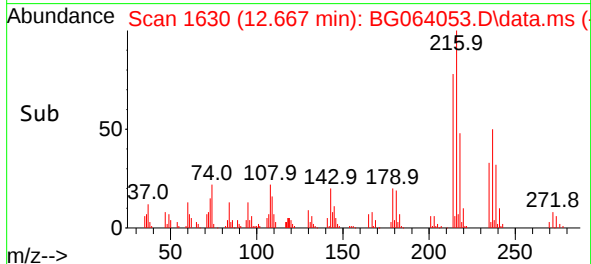
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



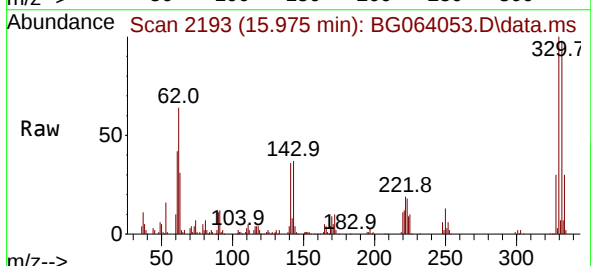
Tgt Ion:237 Resp: 3304
Ion Ratio Lower Upper
237 100
235 65.3 46.0 86.0
272 15.0 0.0 32.8

Manual Integrations
APPROVED

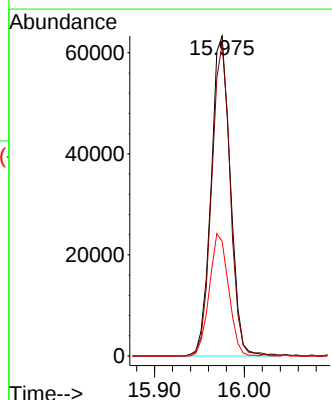
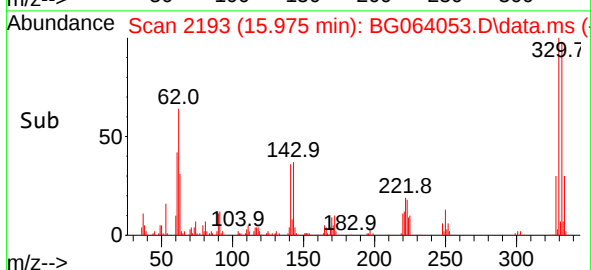
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

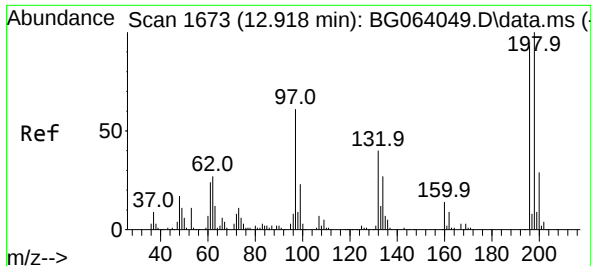


#42
2,4,6-Tribromophenol
Concen: 90.311 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



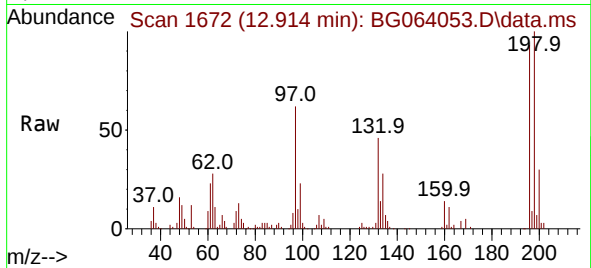
Tgt Ion:330 Resp: 94089
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 38.2 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 42.165 ng
RT: 12.914 min Scan# 1672
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

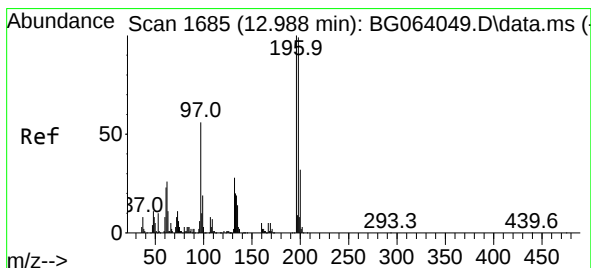
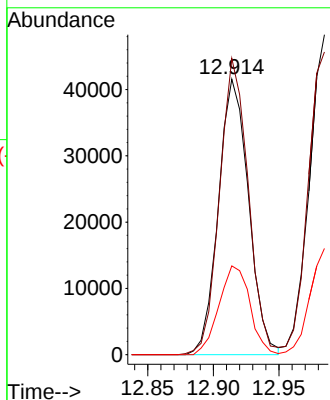
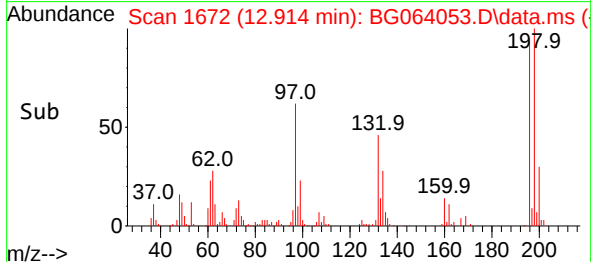
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:196 Resp: 66490
Ion Ratio Lower Upper
196 100
198 107.5 85.6 128.4
200 32.2 24.6 37.0

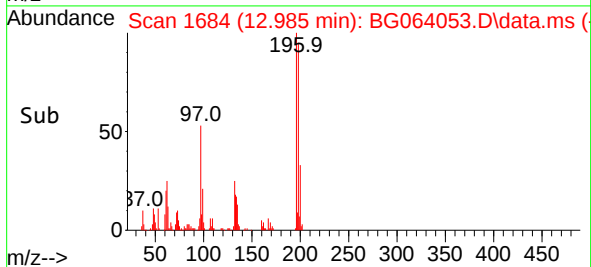
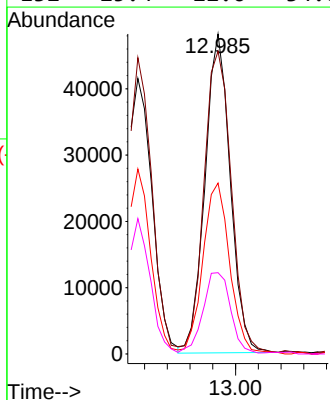
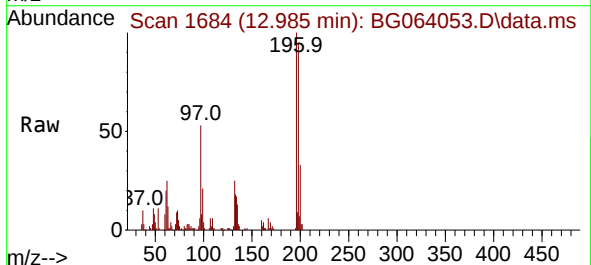
Manual Integrations
APPROVED

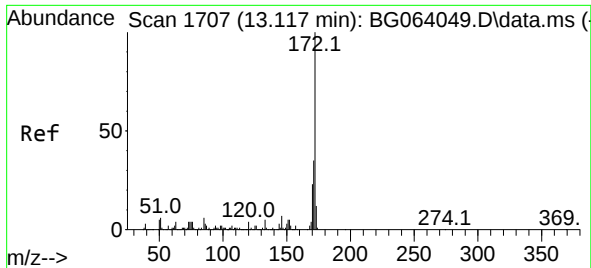
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#44
2,4,5-Trichlorophenol
Concen: 42.561 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:196 Resp: 74580
Ion Ratio Lower Upper
196 100
198 94.6 79.5 119.3
97 53.4 45.2 67.8
132 25.4 22.6 34.0





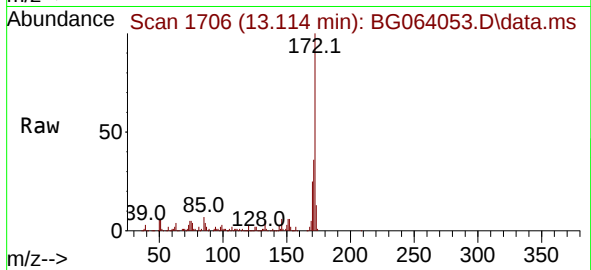
#45
2-Fluorobiphenyl
Concen: 80.186 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

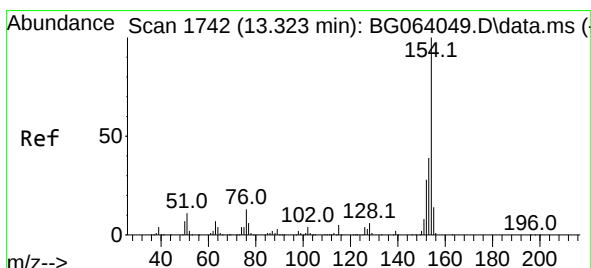
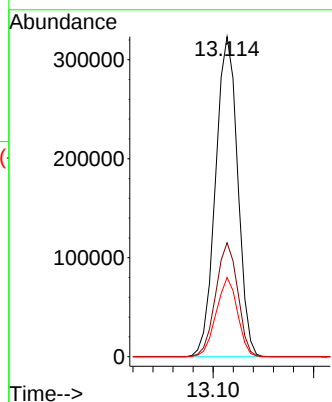
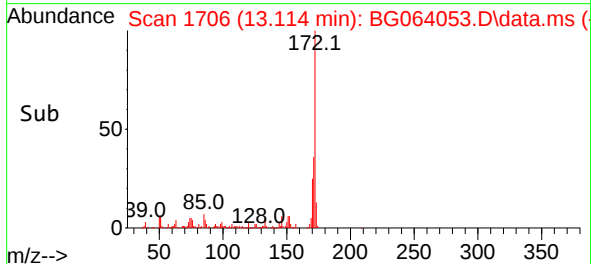


Tgt Ion:172 Resp: 495129
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.7 18.7 28.1

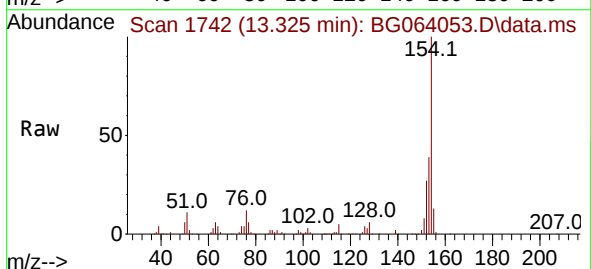
Manual Integrations

APPROVED

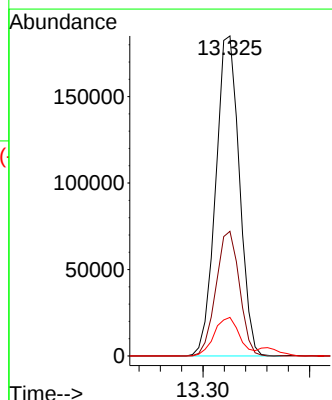
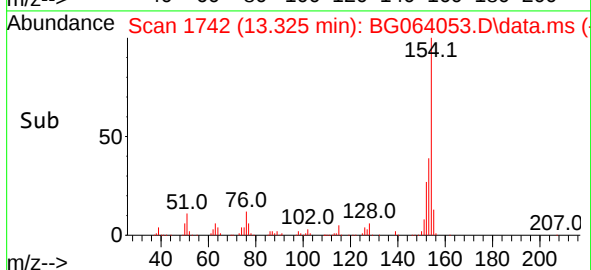
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

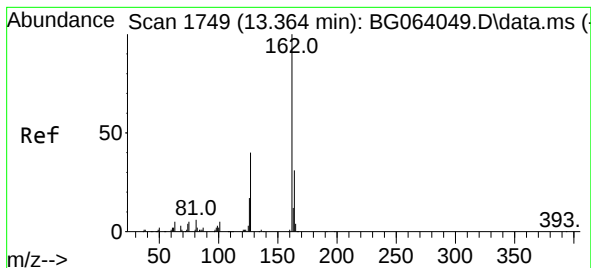


#46
1,1'-Biphenyl
Concen: 40.196 ng
RT: 13.325 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



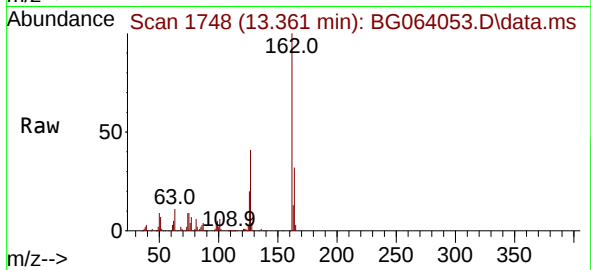
Tgt Ion:154 Resp: 284632
Ion Ratio Lower Upper
154 100
153 38.9 19.5 59.5
76 12.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 40.309 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

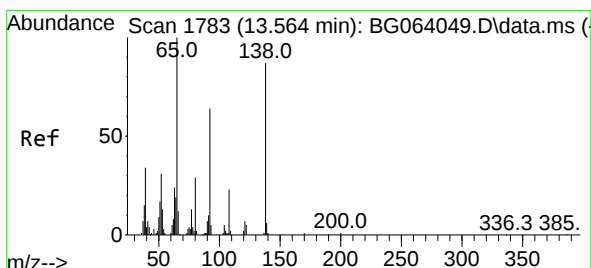
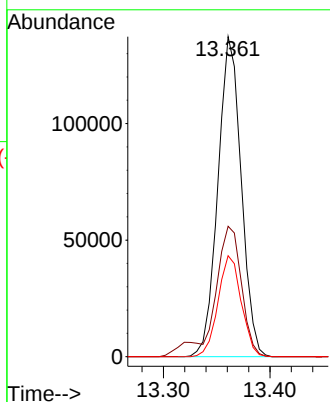
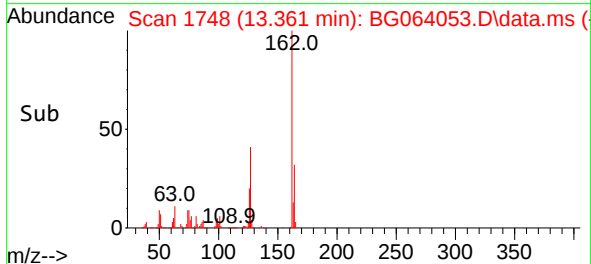
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



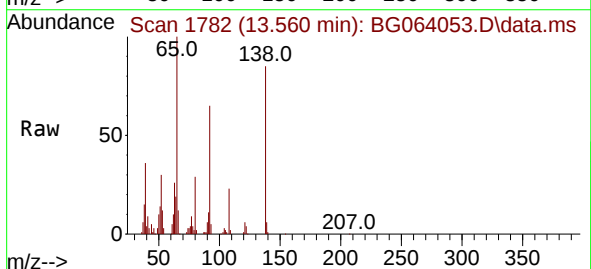
Tgt Ion:162 Resp: 208172
Ion Ratio Lower Upper
162 100
127 40.8 35.0 52.4
164 31.6 25.0 37.6

Manual Integrations
APPROVED

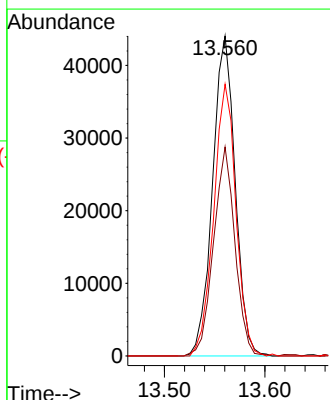
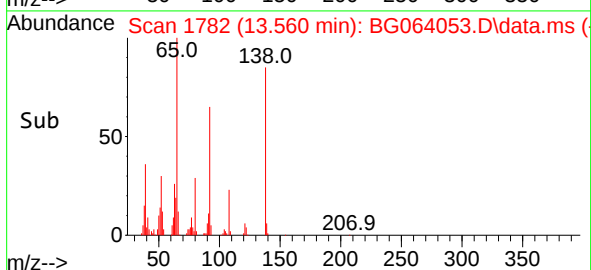
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

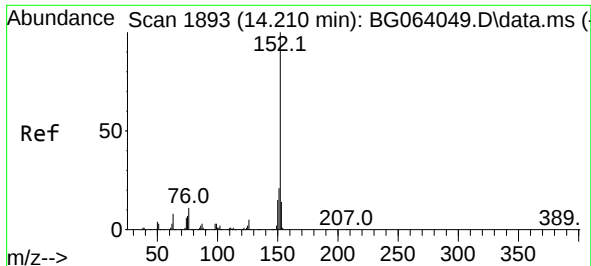


#48
2-Nitroaniline
Concen: 41.405 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion: 65 Resp: 68823
Ion Ratio Lower Upper
65 100
92 65.3 51.2 76.8
138 84.9 69.4 104.2





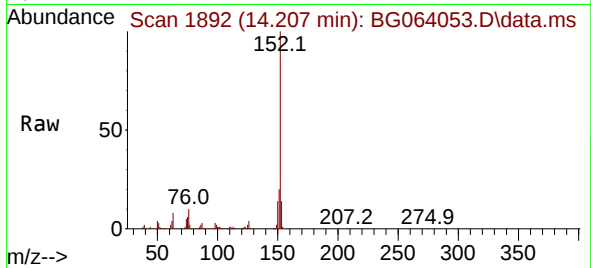
#49
Acenaphthylene
Concen: 40.537 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

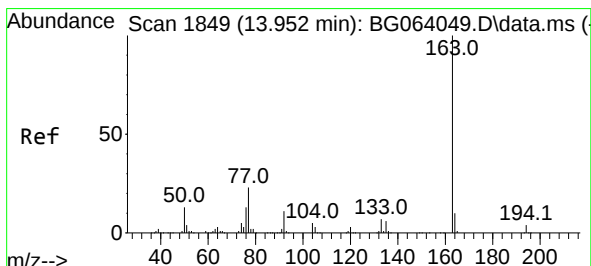
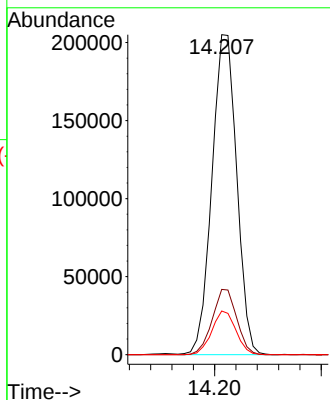
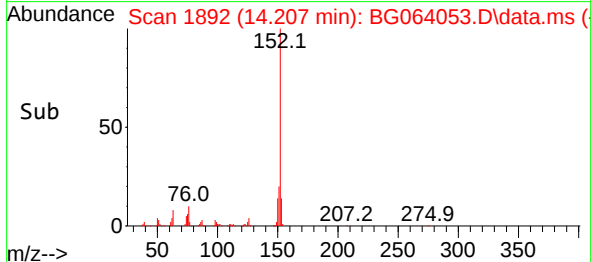


Tgt Ion:152 Resp: 33113
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.6 10.9 16.3

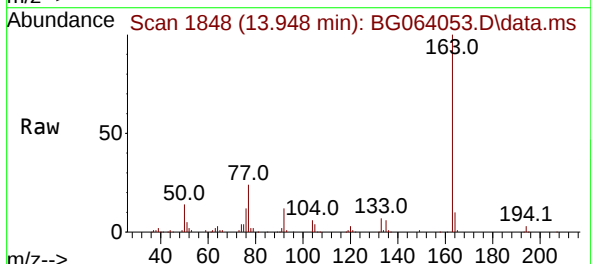
Manual Integrations

APPROVED

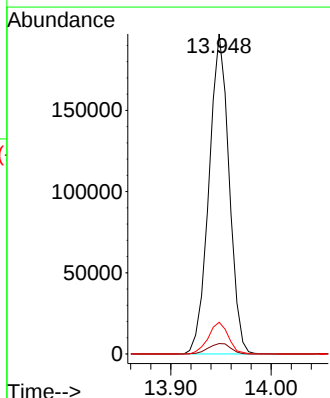
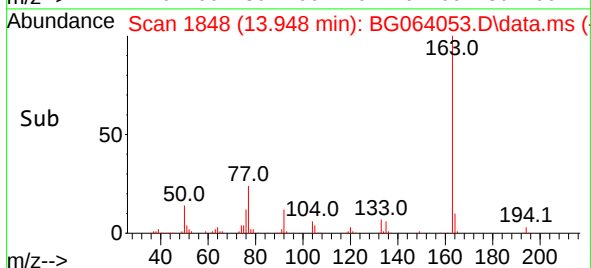
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

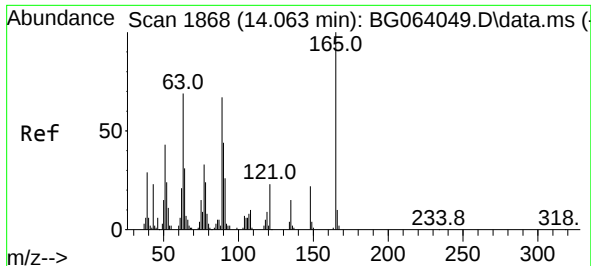


#50
Dimethylphthalate
Concen: 39.712 ng
RT: 13.948 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion:163 Resp: 274751
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.625 ng
RT: 14.060 min Scan# 1868
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

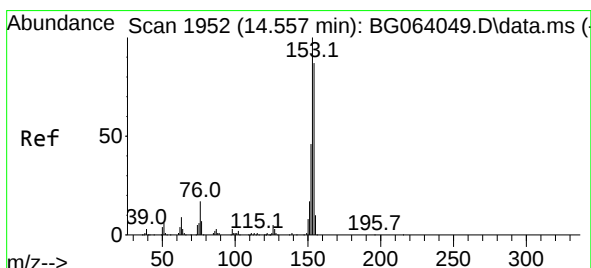
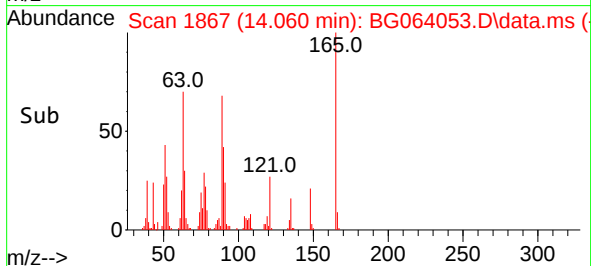
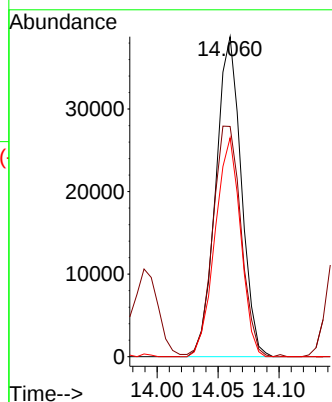
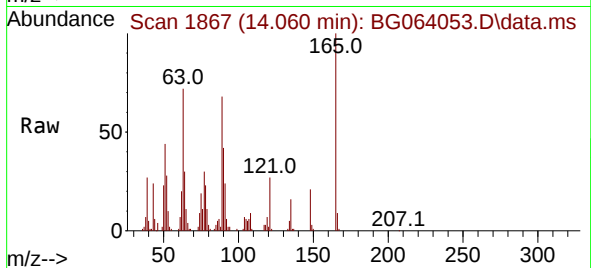
ICVBG030525

Tgt Ion:165 Resp: 5624
Ion Ratio Lower Upper
165 100
63 72.0 56.7 85.1
89 68.4 53.7 80.5

Manual Integrations

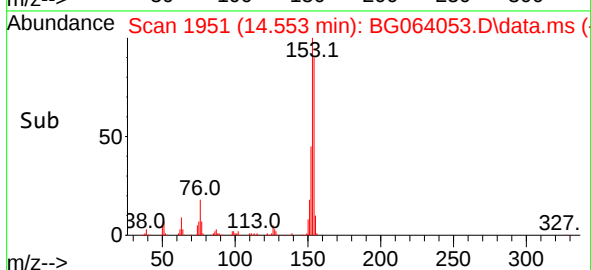
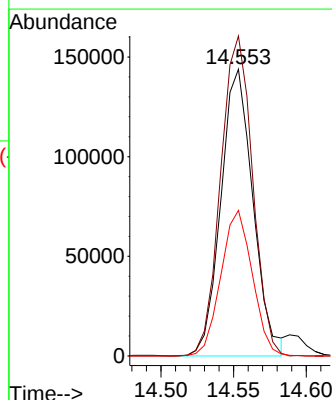
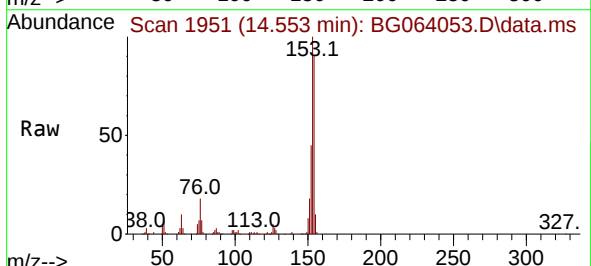
APPROVED

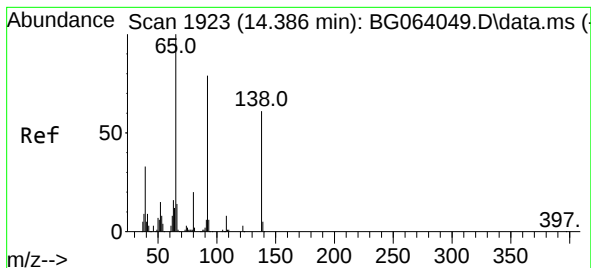
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#52
Acenaphthene
Concen: 40.428 ng m
RT: 14.553 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

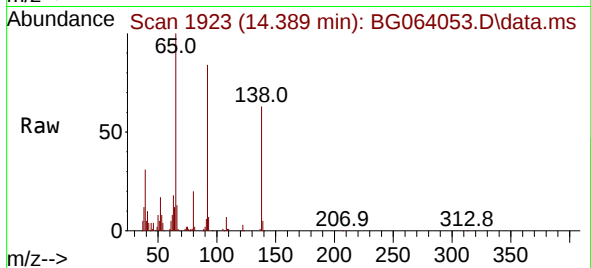
Tgt Ion:154 Resp: 221628
Ion Ratio Lower Upper
154 100
153 111.6 91.6 137.4
152 50.8 42.5 63.7





#53
3-Nitroaniline
Concen: 45.042 ng
RT: 14.389 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

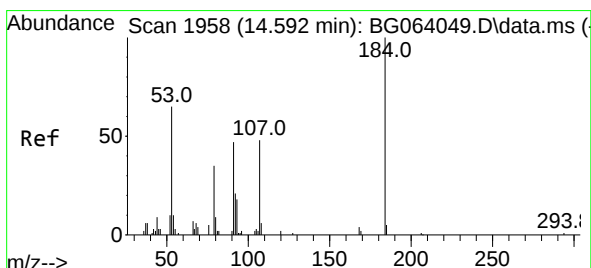
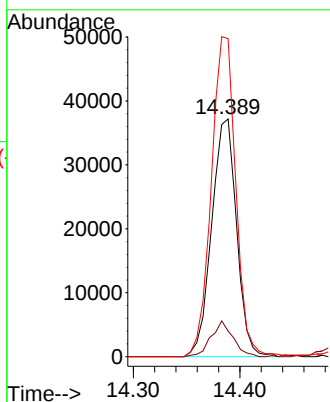
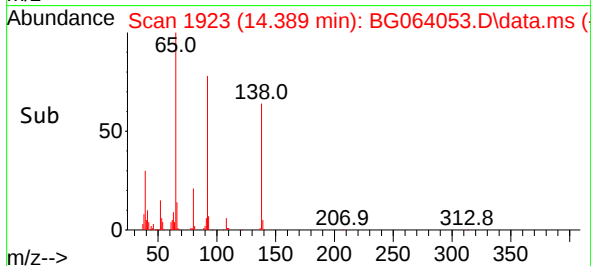
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



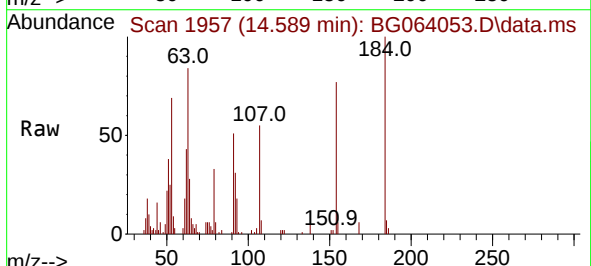
Tgt Ion:138 Resp: 60229
Ion Ratio Lower Upper
138 100
108 10.8 10.1 15.1
92 133.7 104.1 156.1

Manual Integrations
APPROVED

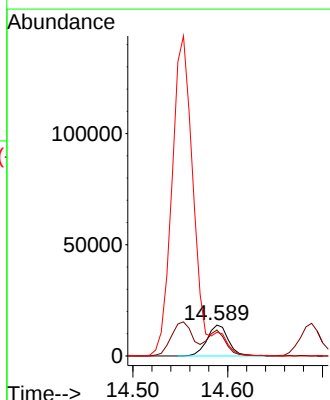
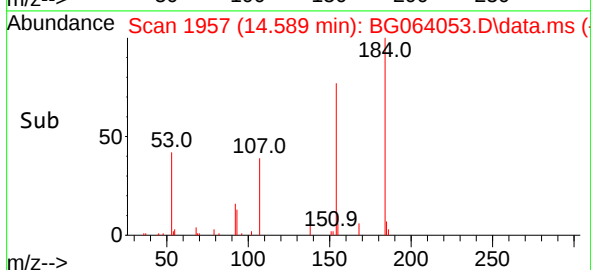
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

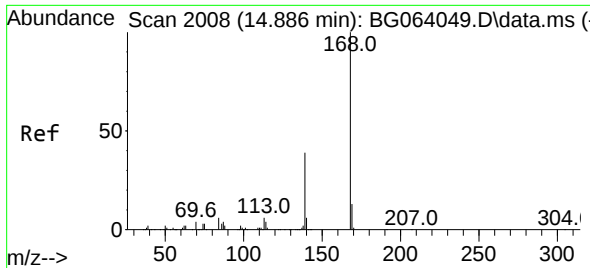


#54
2,4-Dinitrophenol
Concen: 41.197 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



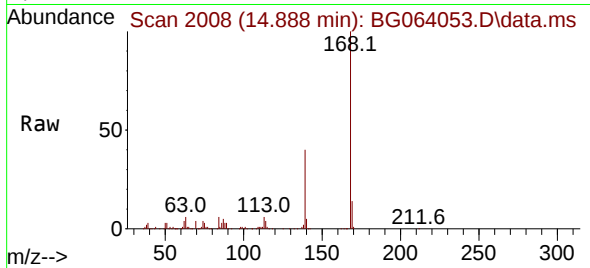
Tgt Ion:184 Resp: 21627
Ion Ratio Lower Upper
184 100
63 84.0 57.5 86.3
154 76.8 52.3 78.5





#55
Dibenzofuran
Concen: 40.014 ng
RT: 14.888 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

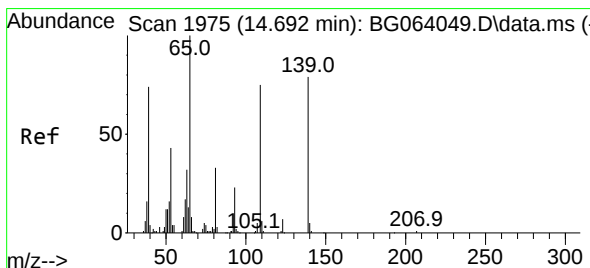
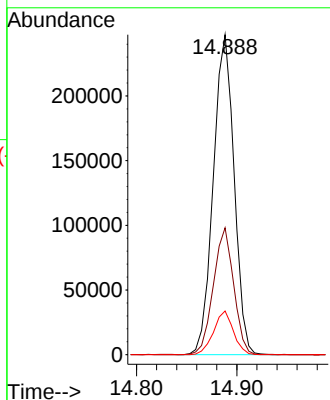
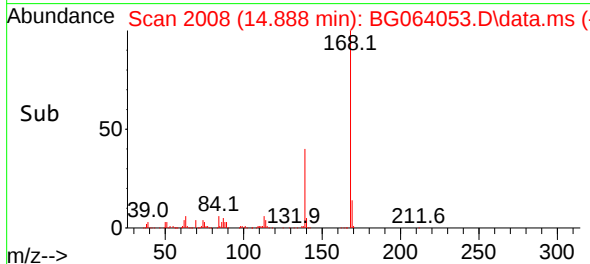
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:168 Resp: 355364
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 13.7 10.5 15.7

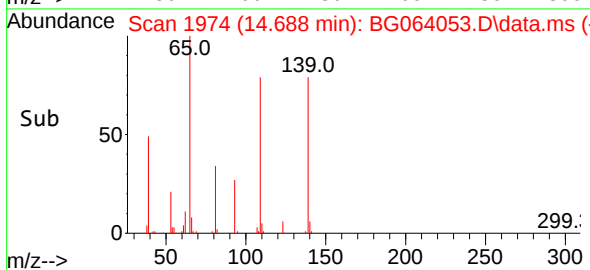
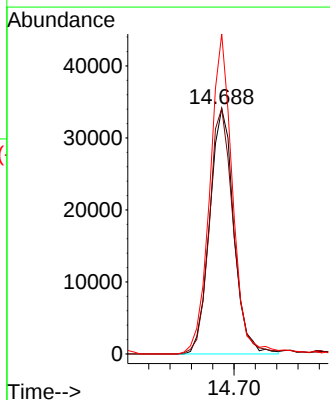
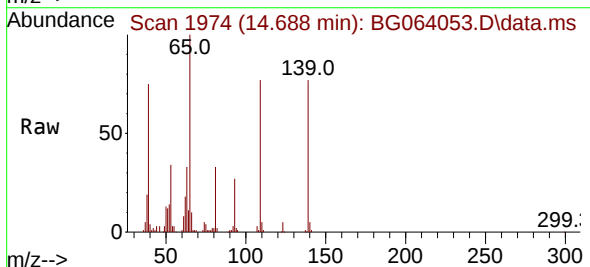
Manual Integrations
APPROVED

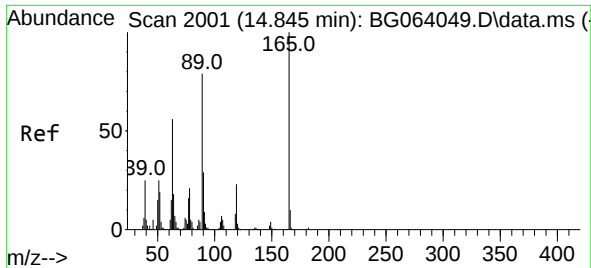
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#56
4-Nitrophenol
Concen: 47.537 ng
RT: 14.688 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 53310
Ion Ratio Lower Upper
139 100
109 100.1 74.9 114.9
65 130.4 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 41.944 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

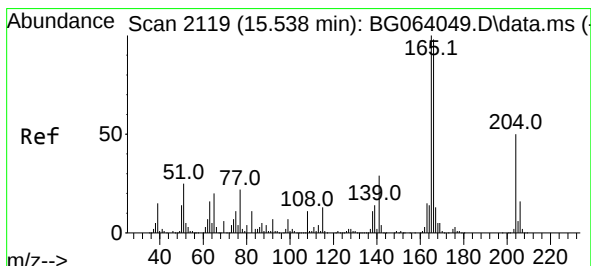
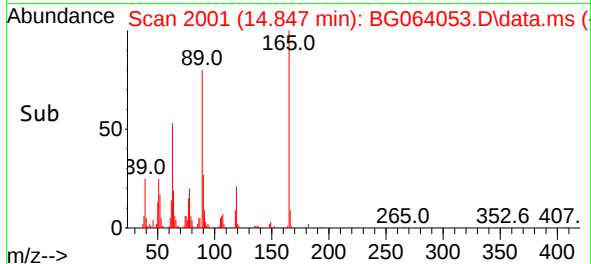
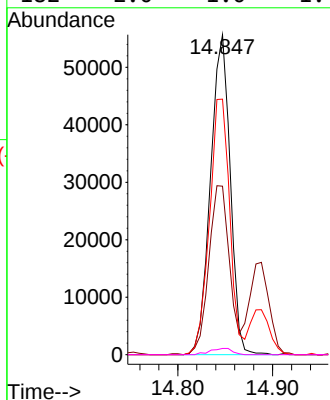
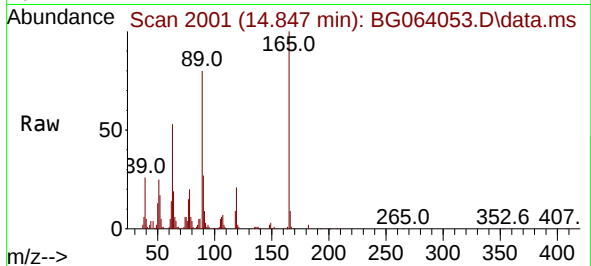
ICVBG030525

Tgt Ion:165 Resp: 80269
Ion Ratio Lower Upper
165 100
63 52.7 45.0 67.6
89 79.8 63.1 94.7
182 2.0 1.0 1.4#

Manual Integrations

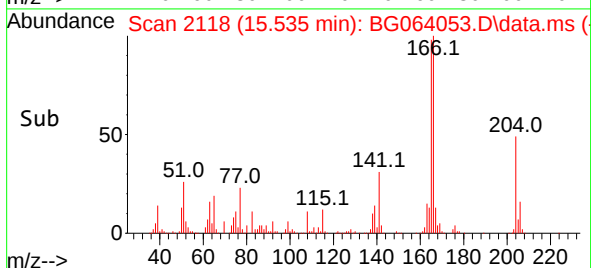
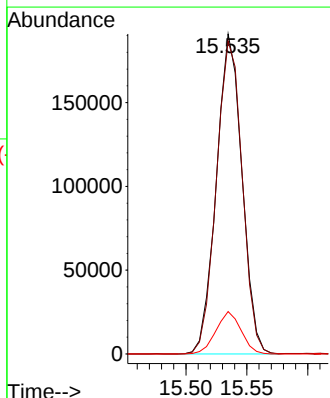
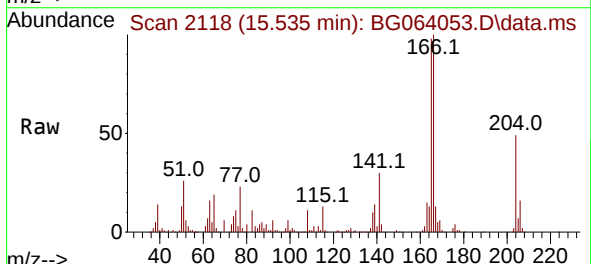
APPROVED

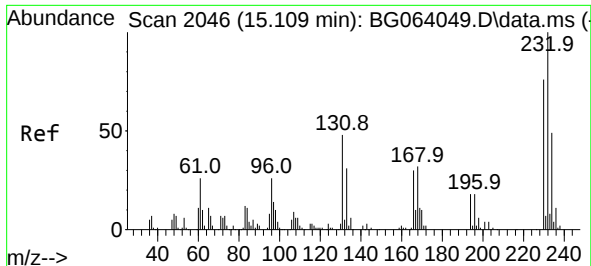
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#58
Fluorene
Concen: 40.403 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:166 Resp: 279465
Ion Ratio Lower Upper
166 100
165 97.8 81.8 122.8
167 13.3 10.8 16.2





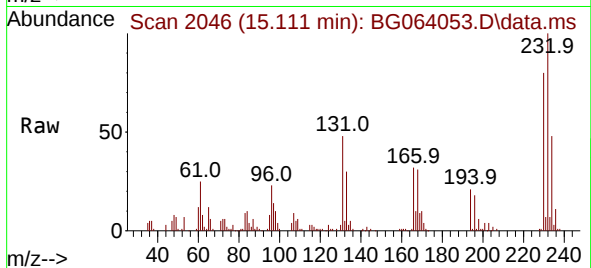
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.068 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

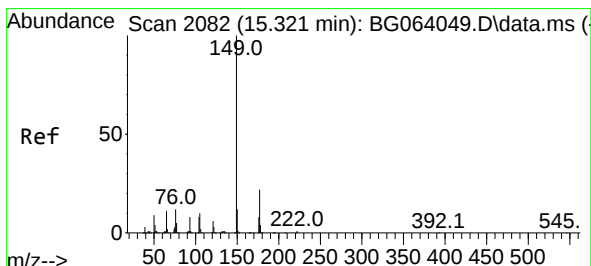
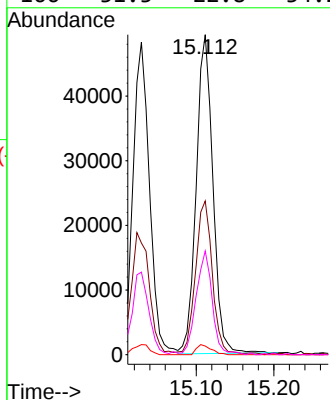
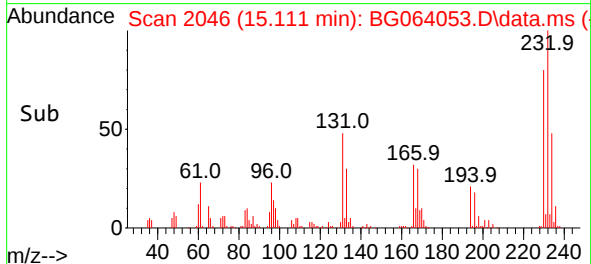


Tgt Ion:232 Resp: 73574
Ion Ratio Lower Upper
232 100
131 47.7 36.3 54.5
130 2.8 1.9 2.9
166 31.3 22.8 34.2

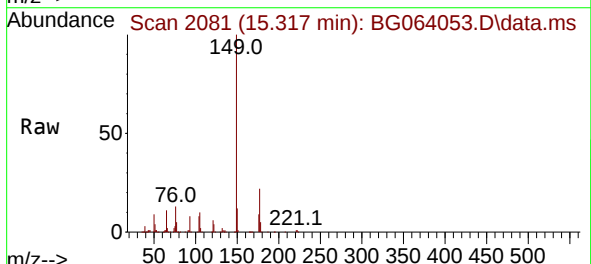
Manual Integrations

APPROVED

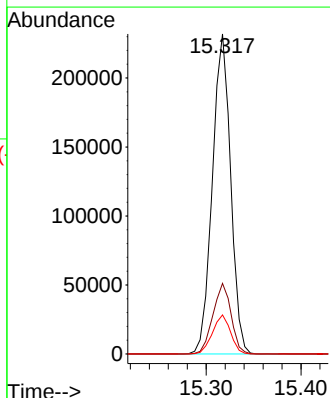
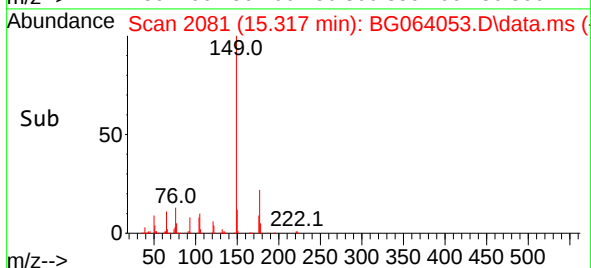
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

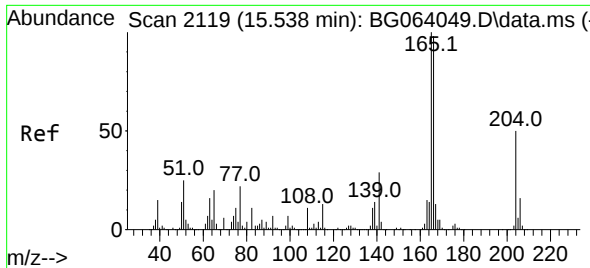


#60
Diethylphthalate
Concen: 41.198 ng
RT: 15.317 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion:149 Resp: 309434
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.2 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 39.367 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

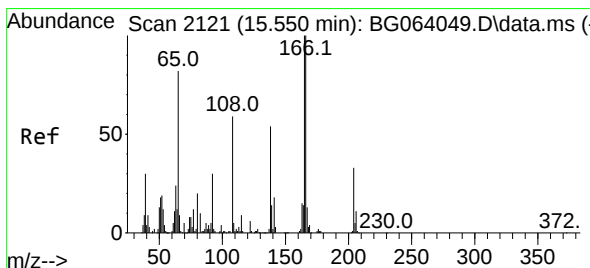
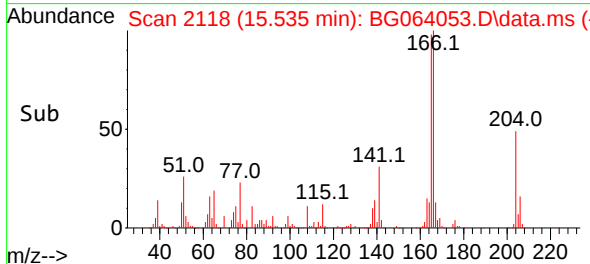
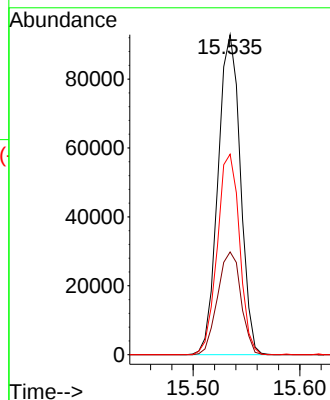
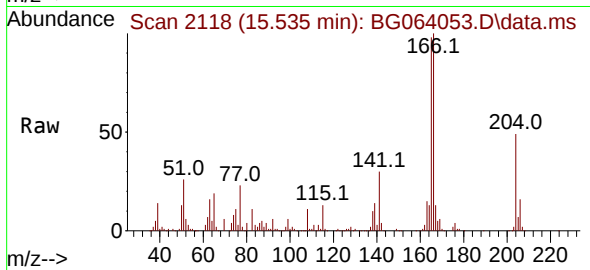
ICVBG030525

Tgt Ion:204 Resp: 135318
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 62.7 45.4 68.0

Manual Integrations

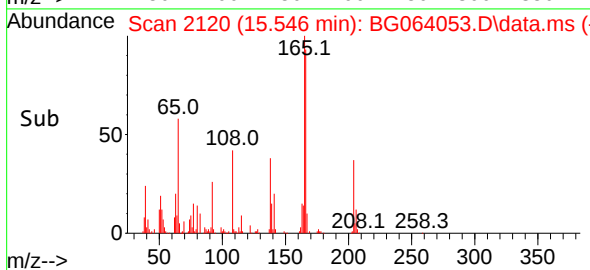
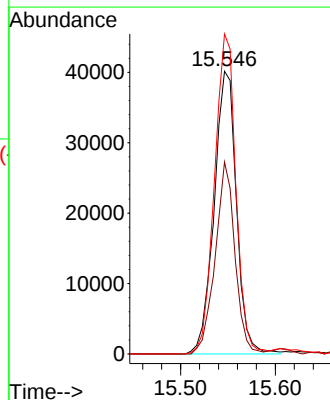
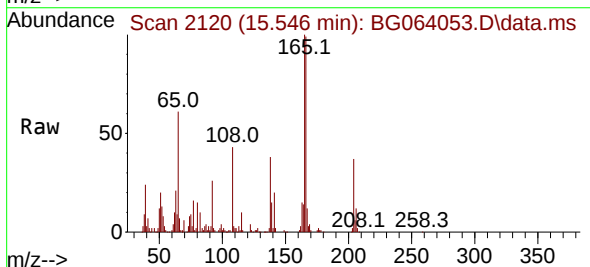
APPROVED

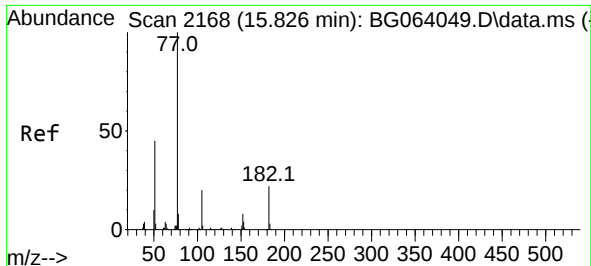
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#62
4-Nitroaniline
Concen: 45.576 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

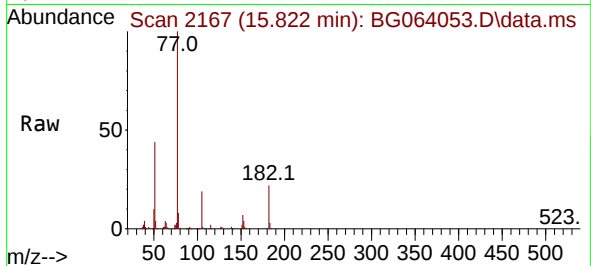
Tgt Ion:138 Resp: 65797
Ion Ratio Lower Upper
138 100
92 67.9 36.1 76.1
108 113.2 87.9 127.9





#63
Azobenzene
Concen: 40.137 ng
RT: 15.822 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

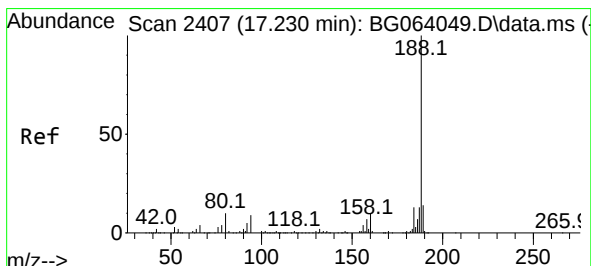
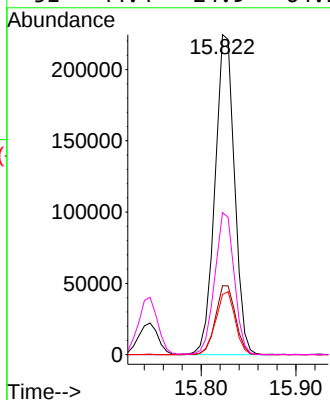
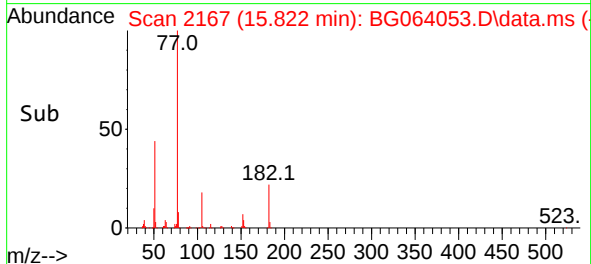
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



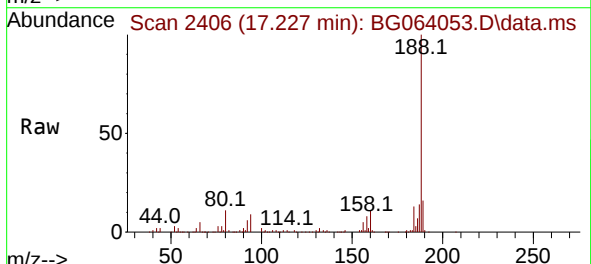
Tgt Ion: 77	Resp: 32168
Ion Ratio	Lower Upper
77 100	
182 21.5	2.4 42.4
105 18.8	0.0 40.0
51 44.4	24.9 64.9

Manual Integrations
APPROVED

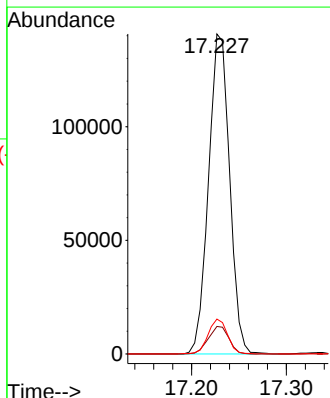
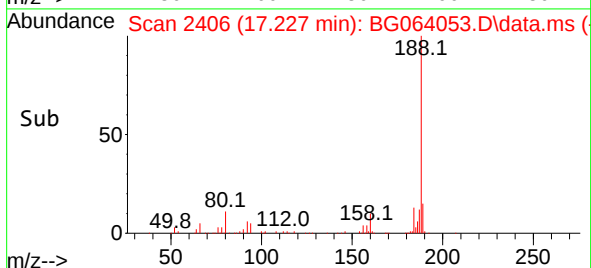
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

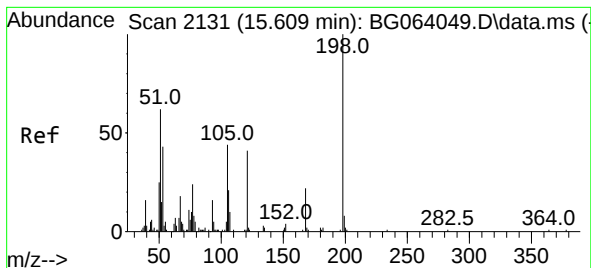


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



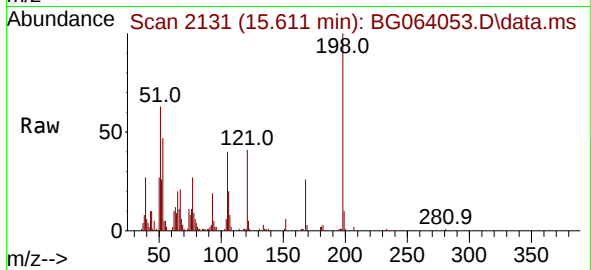
Tgt Ion:188	Resp: 217148
Ion Ratio	Lower Upper
188 100	
94 8.6	6.9 10.3
80 10.9	8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.817 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

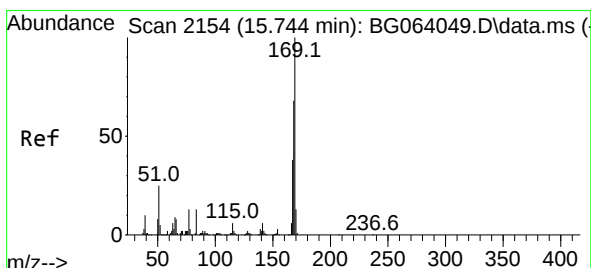
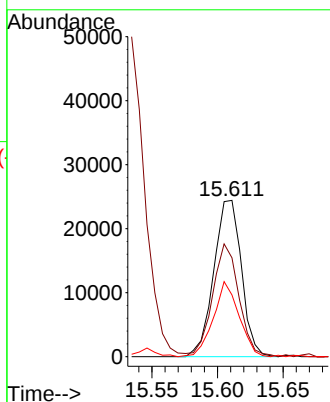
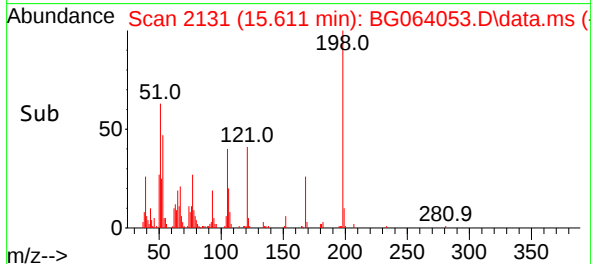
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:198 Resp: 3577
Ion Ratio Lower Upper
198 100
51 63.3 45.6 85.6
105 39.5 25.3 65.3

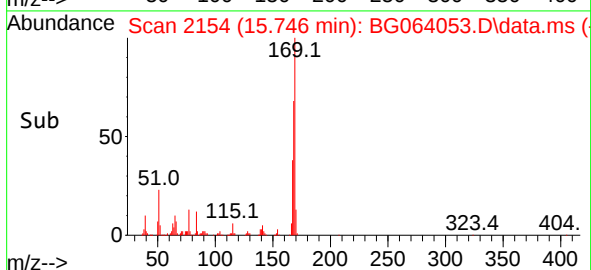
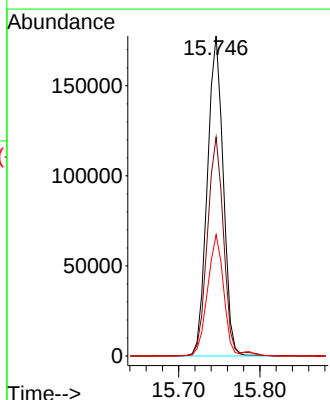
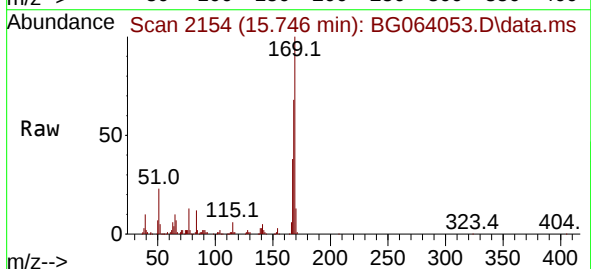
Manual Integrations
APPROVED

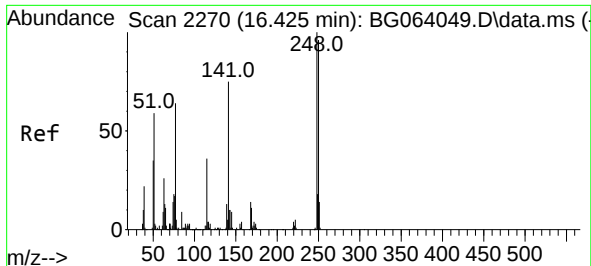
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#66
n-Nitrosodiphenylamine
Concen: 39.248 ng
RT: 15.746 min Scan# 2154
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:169 Resp: 241241
Ion Ratio Lower Upper
169 100
168 68.4 54.1 81.1
167 37.9 30.3 45.5





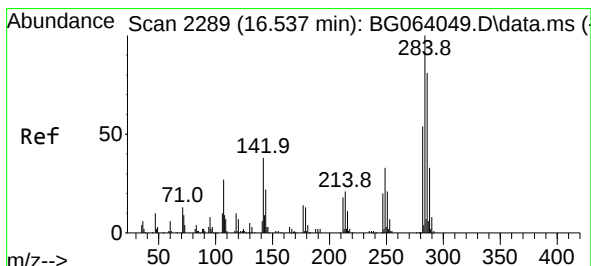
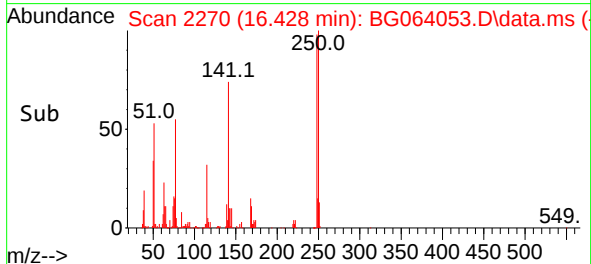
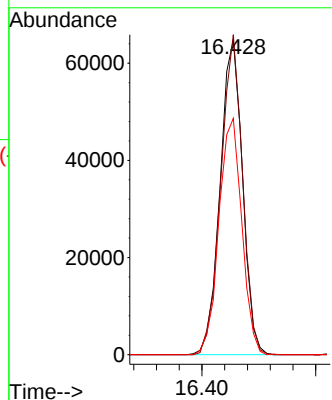
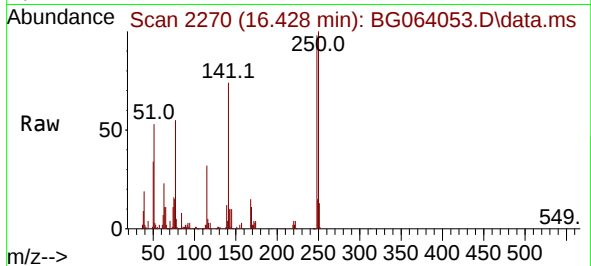
#67
4-Bromophenyl-phenylether
Concen: 39.772 ng
RT: 16.428 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:248 Resp: 8845
Ion Ratio Lower Upper
248 100
250 101.6 77.1 115.7
141 75.0 59.8 89.8

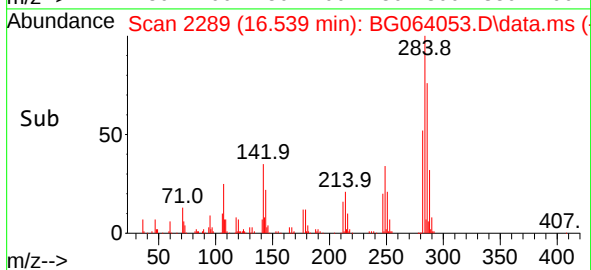
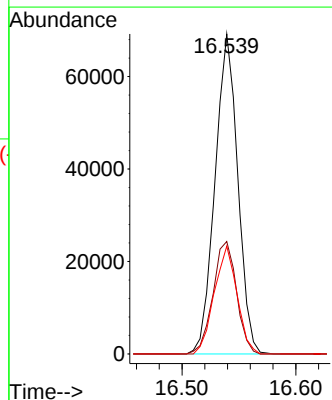
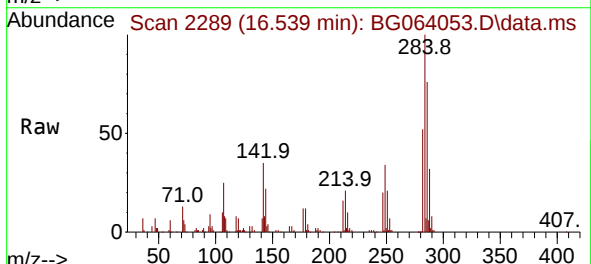
Manual Integrations
APPROVED

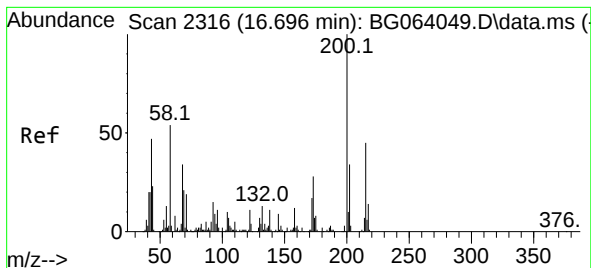
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#68
Hexachlorobenzene
Concen: 38.611 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:284 Resp: 96136
Ion Ratio Lower Upper
284 100
142 35.2 30.6 45.8
249 33.7 26.6 39.8





#69

Atrazine

Concen: 38.607 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

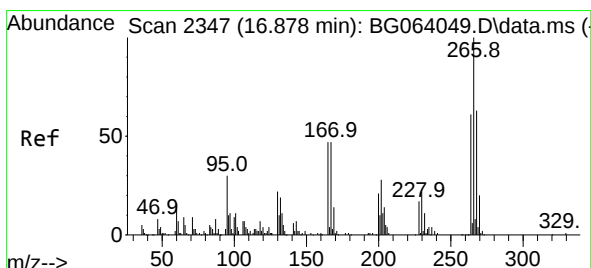
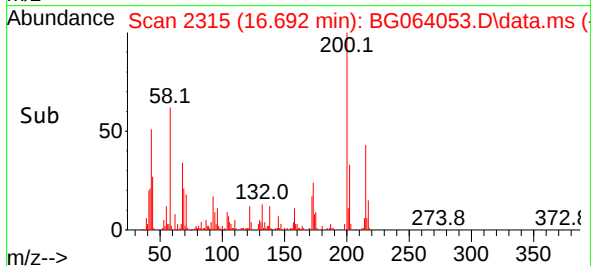
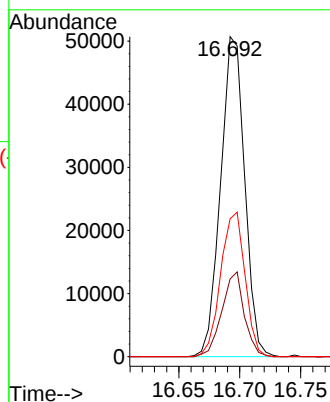
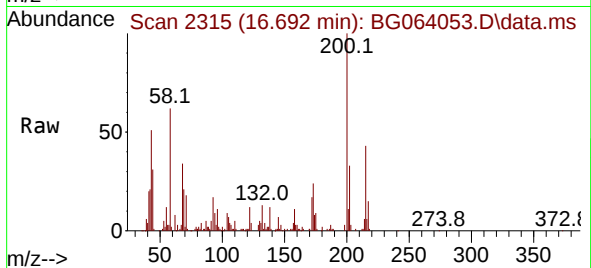
ICVBG030525

Tgt Ion:200 Resp: 6982
 Ion Ratio Lower Upper
 200 100
 173 24.3 8.2 48.2
 215 43.1 25.5 65.5

Manual Integrations

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



#70

Pentachlorophenol

Concen: 43.019 ng

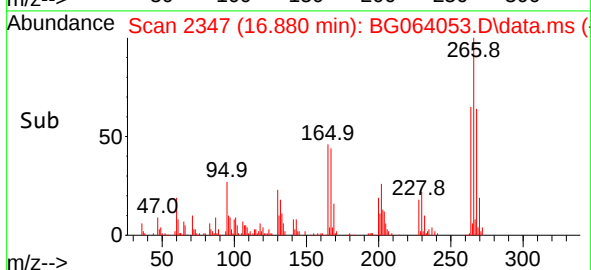
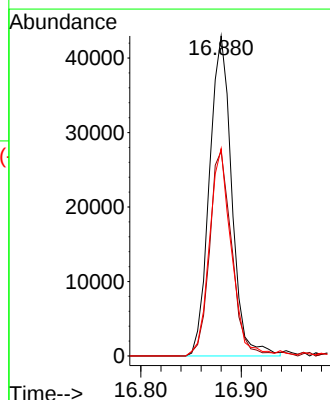
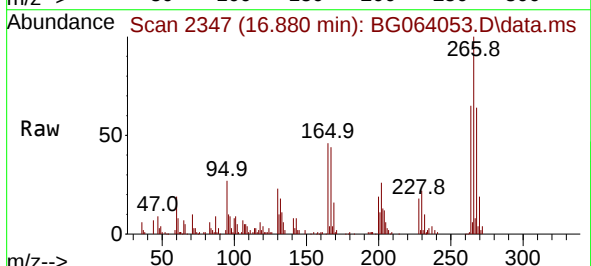
RT: 16.880 min Scan# 2347

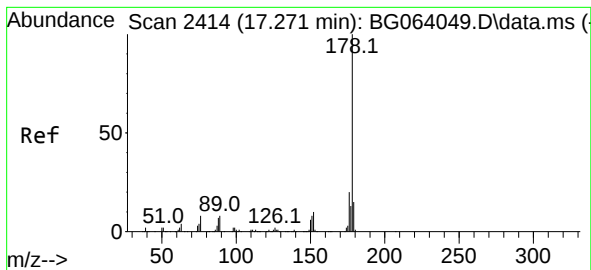
Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

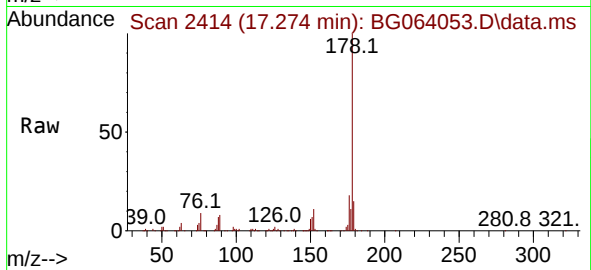
Tgt Ion:266 Resp: 66504
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.2 75.4
 264 64.8 48.9 73.3





#71
Phenanthrene
Concen: 39.978 ng
RT: 17.274 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

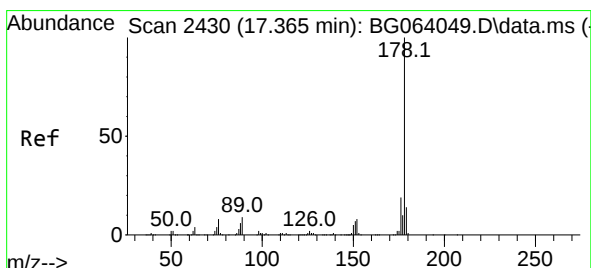
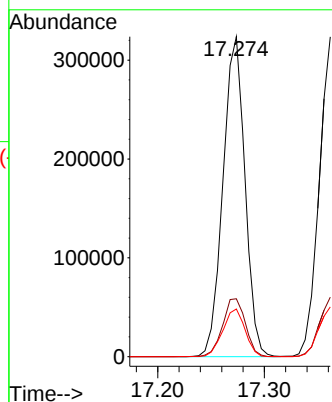
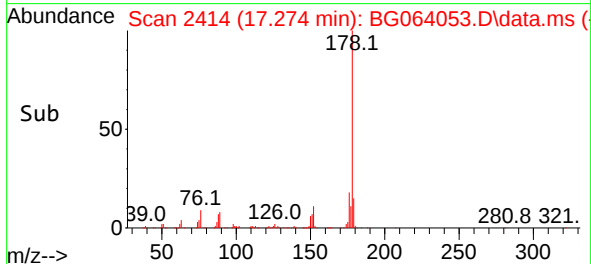
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:178 Resp: 463029
Ion Ratio Lower Upper
178 100
176 18.1 15.9 23.9
179 14.9 12.2 18.2

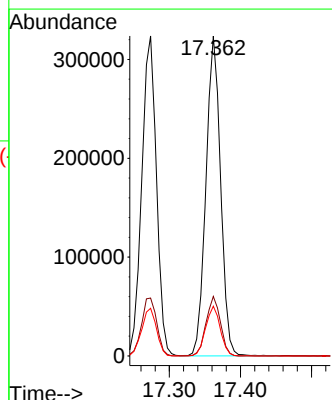
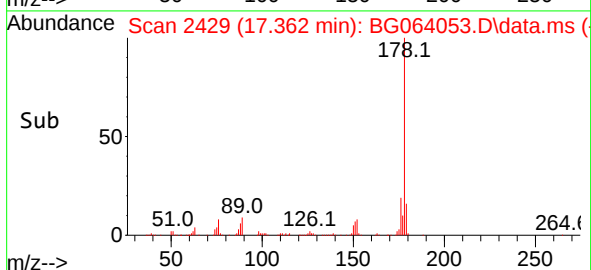
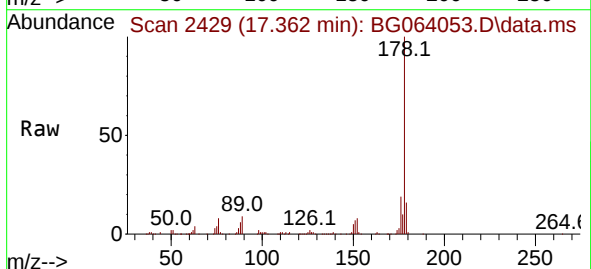
Manual Integrations
APPROVED

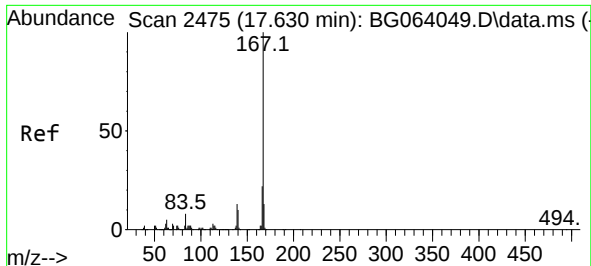
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#72
Anthracene
Concen: 40.280 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

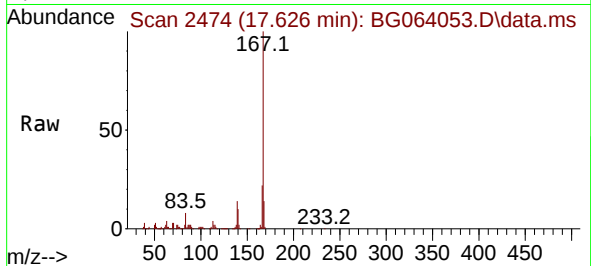
Tgt Ion:178 Resp: 463897
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 11.5 17.3





#73
 Carbazole
 Concen: 41.831 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.004 min
 Lab File: BG064053.D
 Acq: 5 Mar 2025 15:10

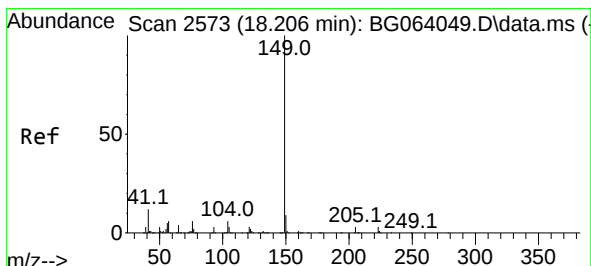
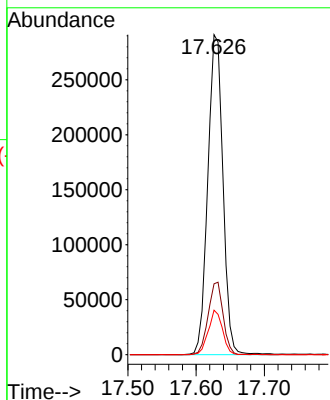
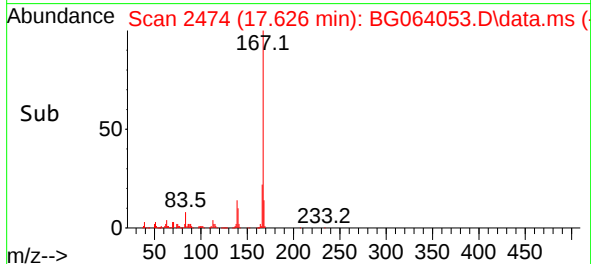
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030525



Tgt Ion:167 Resp: 449809
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.9 10.6 15.8

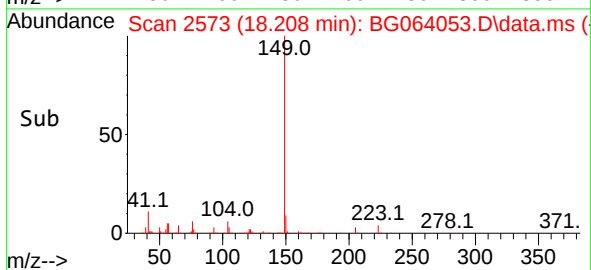
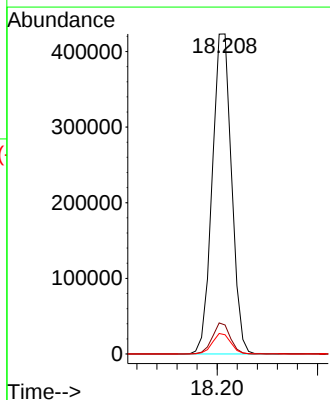
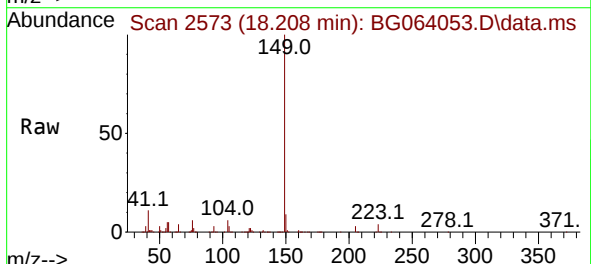
Manual Integrations
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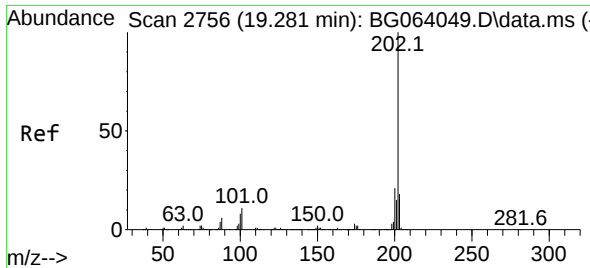
Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025



#74
 Di-n-butylphthalate
 Concen: 44.702 ng
 RT: 18.208 min Scan# 2573
 Delta R.T. 0.002 min
 Lab File: BG064053.D
 Acq: 5 Mar 2025 15:10

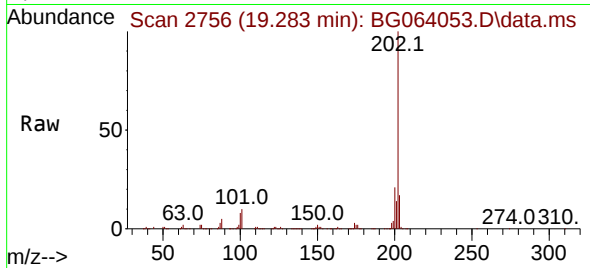
Tgt Ion:149 Resp: 565797
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.0 5.0 7.6





#75
Fluoranthene
Concen: 42.146 ng
RT: 19.283 min Scan# 2756
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

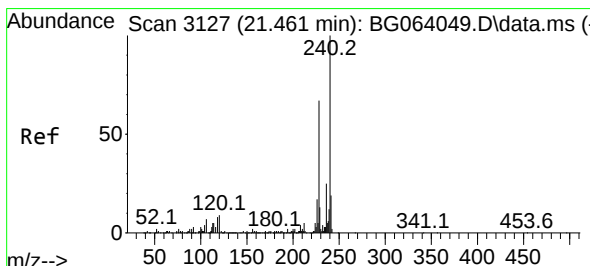
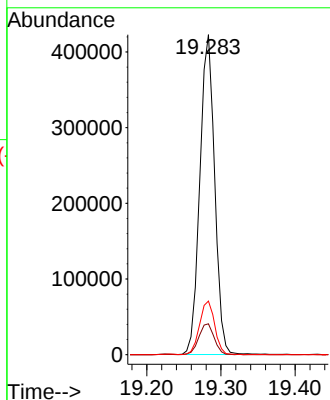
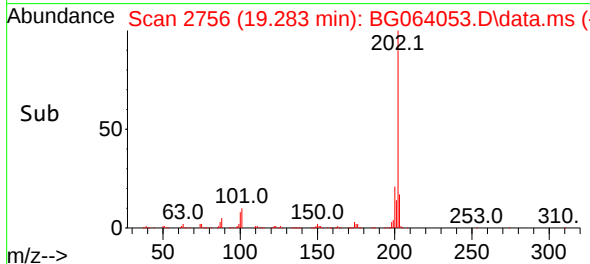
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



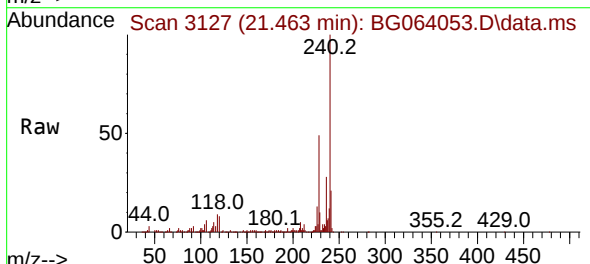
Tgt Ion:202 Resp: 58849
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.5
203 16.8 0.0 38.3

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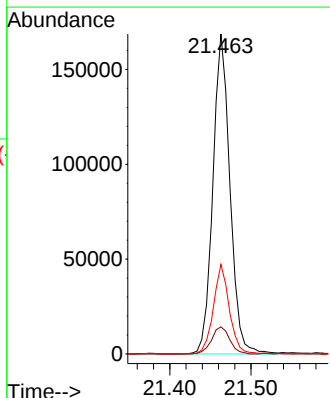
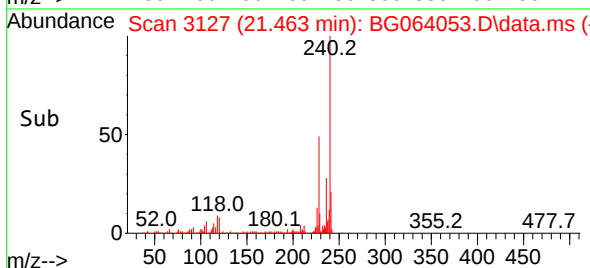
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

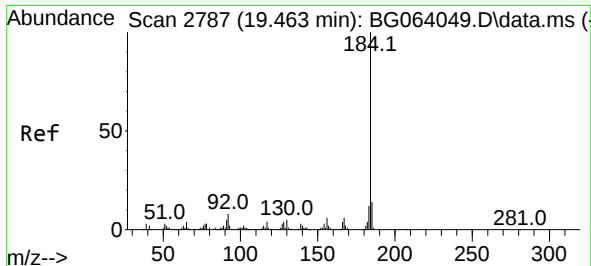


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



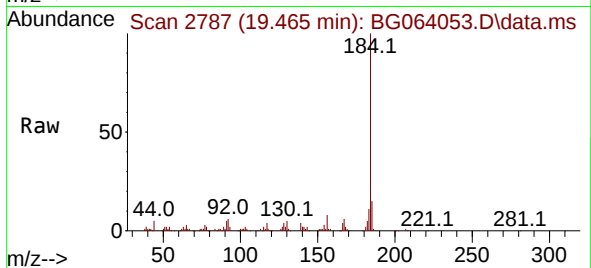
Tgt Ion:240 Resp: 246166
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 28.0 20.2 30.2





#77
Benzidine
Concen: 37.383 ng
RT: 19.465 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

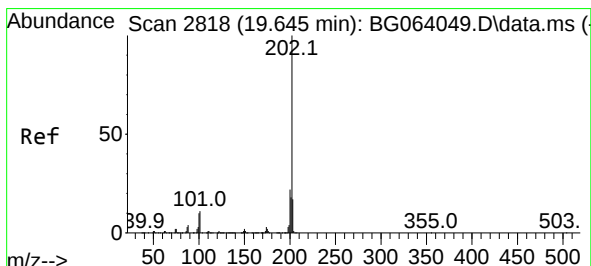
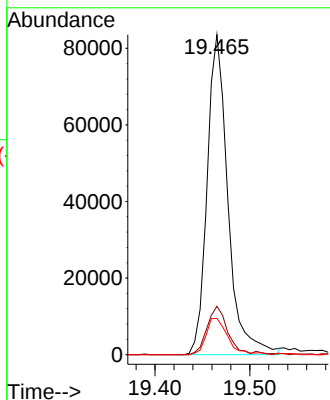
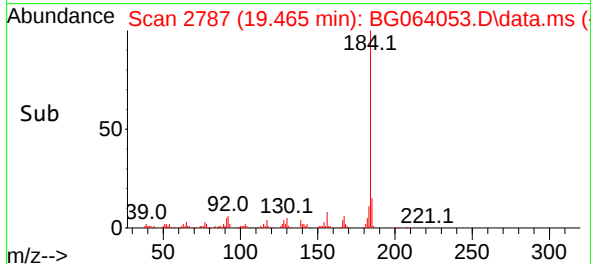
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:184 Resp: 127428
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.3 9.5 14.3

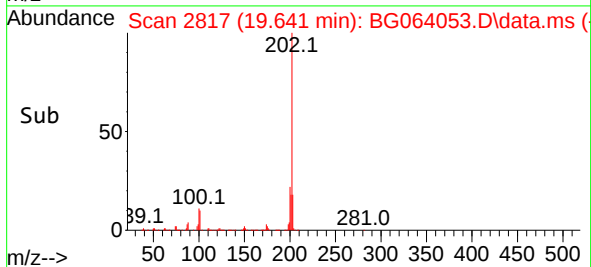
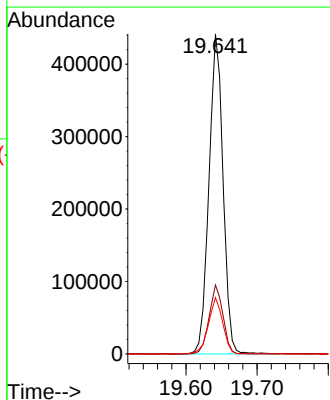
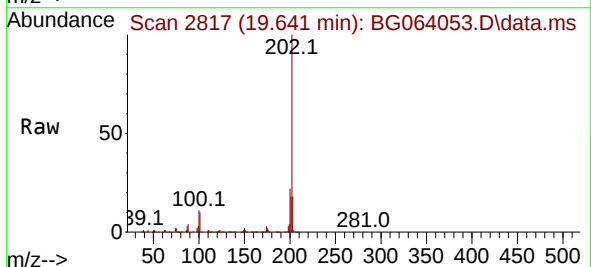
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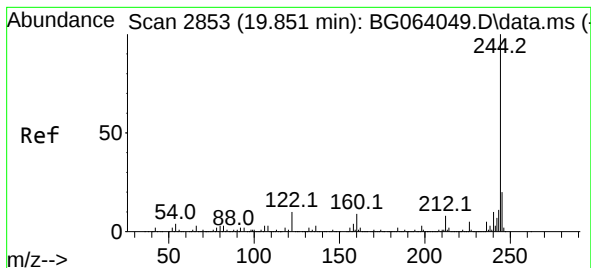
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#78
Pyrene
Concen: 38.357 ng
RT: 19.641 min Scan# 2817
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:202 Resp: 608668
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.6 13.6 20.4





#79

Terphenyl-d14

Concen: 77.284 ng

RT: 19.853 min Scan# 2853

Delta R.T. 0.002 min

Lab File: BG064053.D

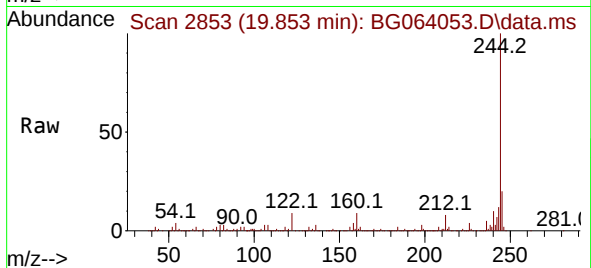
Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

ICVBG030525



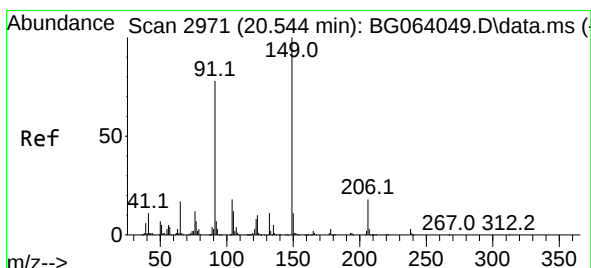
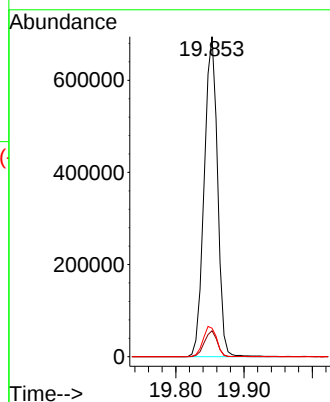
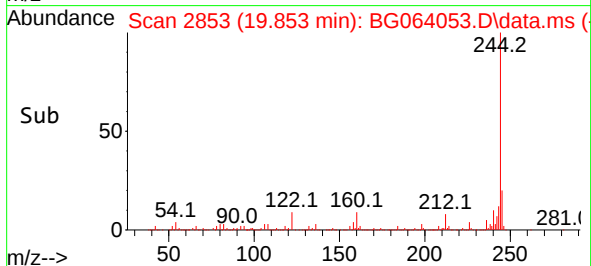
Tgt Ion:244 Resp: 940889

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	8.9	8.0	12.0

Manual Integrations

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



#80

Butylbenzylphthalate

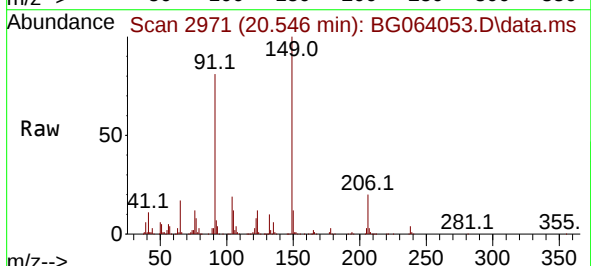
Concen: 40.680 ng

RT: 20.546 min Scan# 2971

Delta R.T. 0.002 min

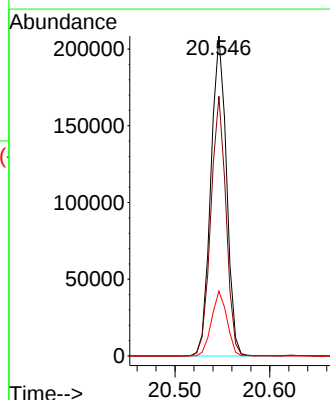
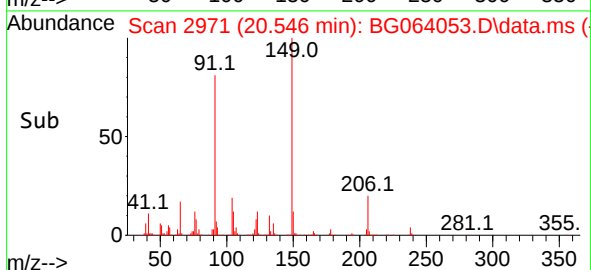
Lab File: BG064053.D

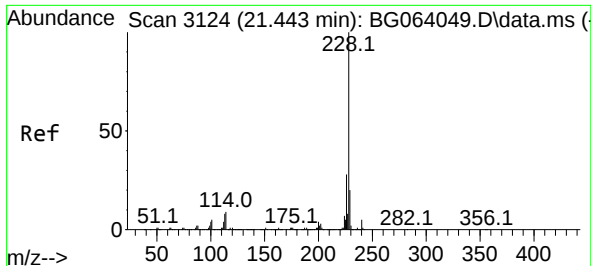
Acq: 5 Mar 2025 15:10



Tgt Ion:149 Resp: 238653

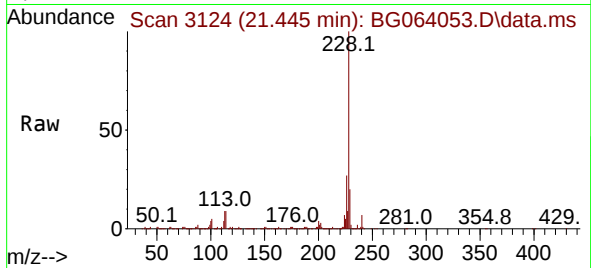
Ion	Ratio	Lower	Upper
149	100		
91	81.2	62.0	93.0
206	20.2	14.6	21.8





#81
Benzo(a)anthracene
Concen: 39.598 ng
RT: 21.445 min Scan# 3124
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

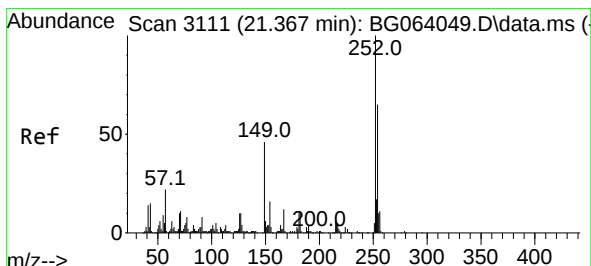
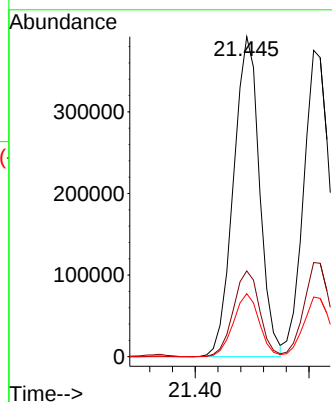
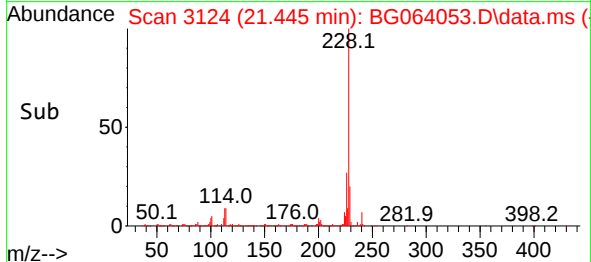
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:228 Resp: 62440
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 19.7 16.4 24.6

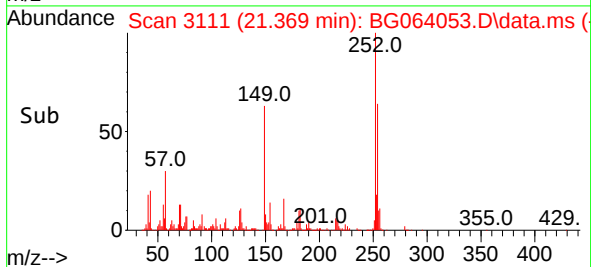
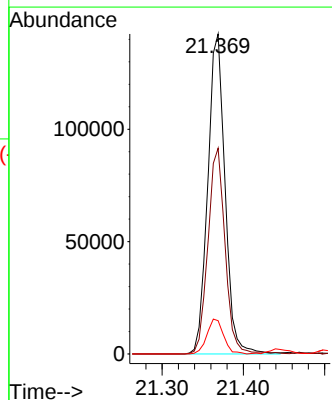
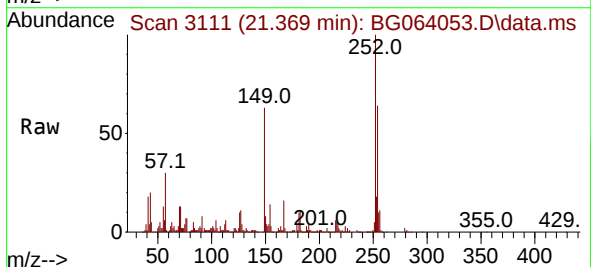
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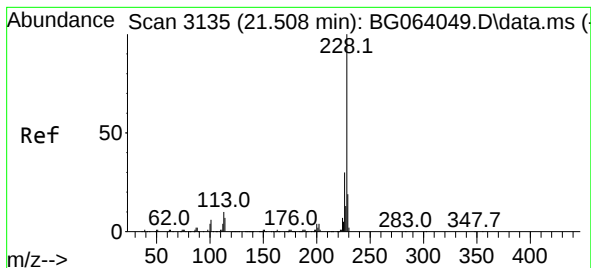
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.103 ng
RT: 21.369 min Scan# 3111
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 209761
Ion Ratio Lower Upper
252 100
254 64.3 52.1 78.1
126 10.4 7.8 11.8





#83

Chrysene

Concen: 38.876 ng

RT: 21.504 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

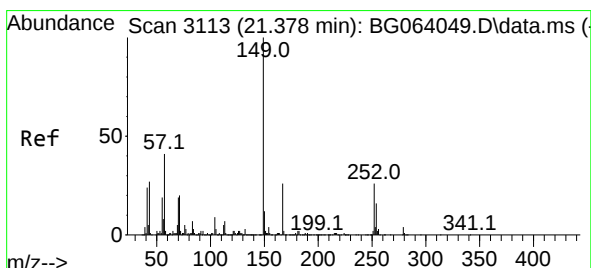
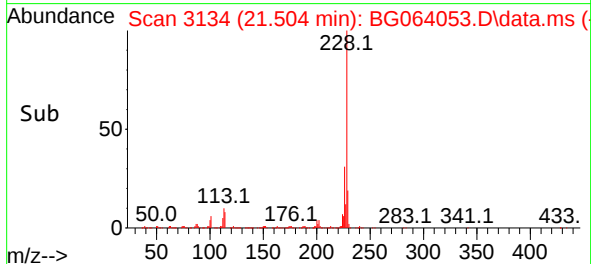
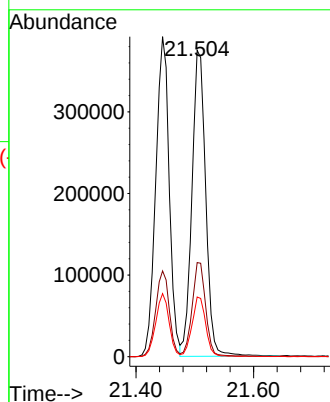
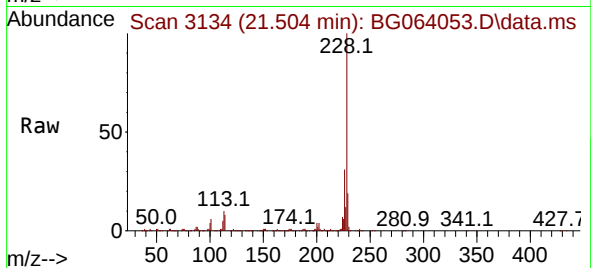
ICVBG030525

Tgt Ion:228 Resp: 611410
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.9 35.9
 229 19.5 15.3 22.9

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.551 ng

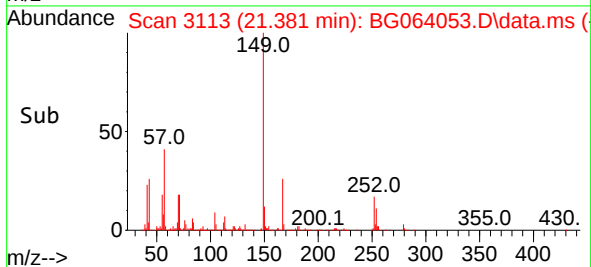
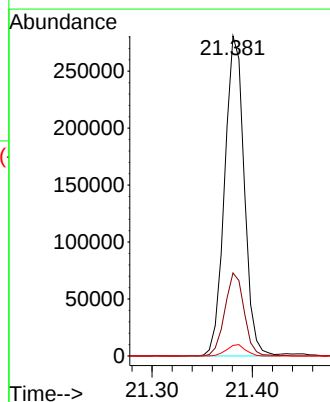
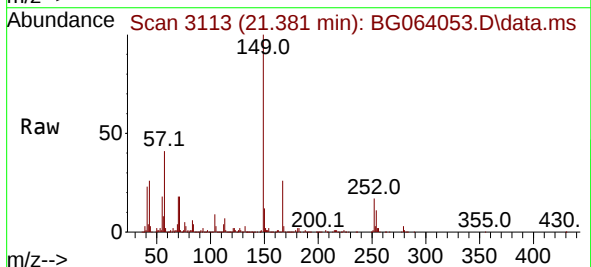
RT: 21.381 min Scan# 3113

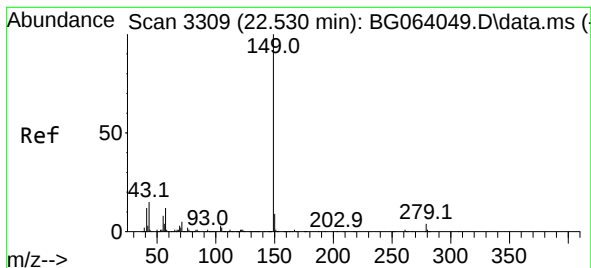
Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

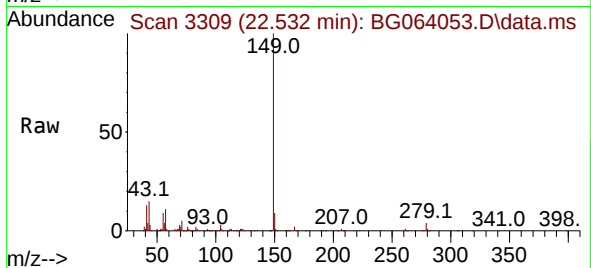
Tgt Ion:149 Resp: 379928
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.6
 279 3.3 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 42.688 ng
RT: 22.532 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

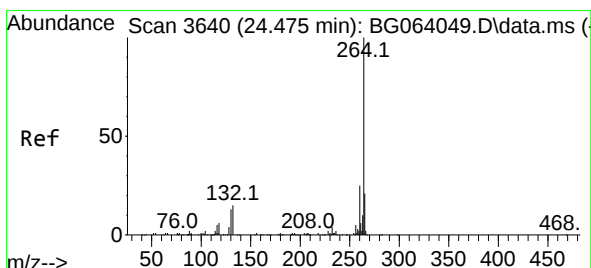
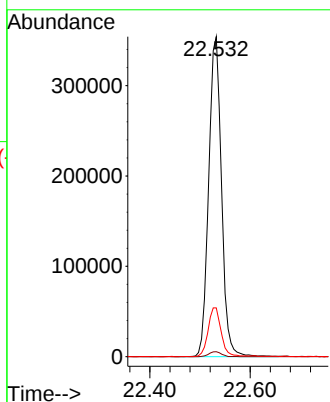
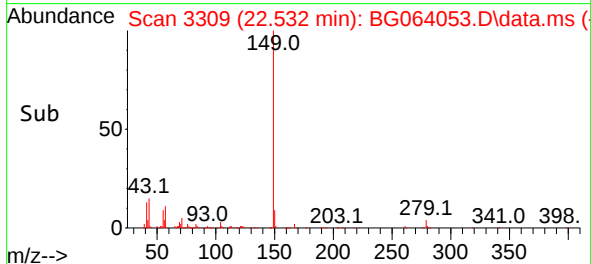
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



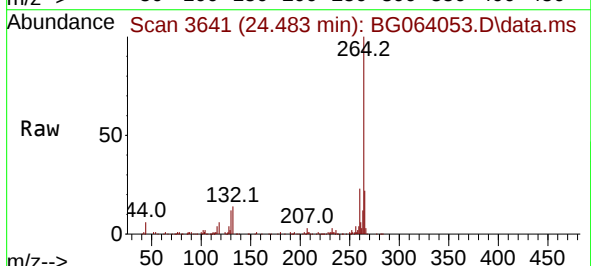
Tgt Ion:149 Resp: 627920
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.6 12.6 19.0

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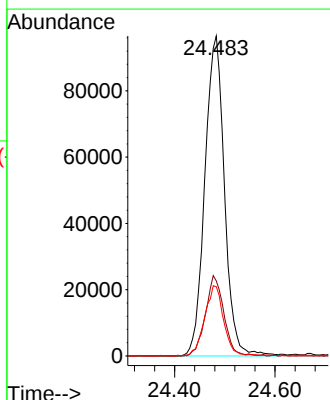
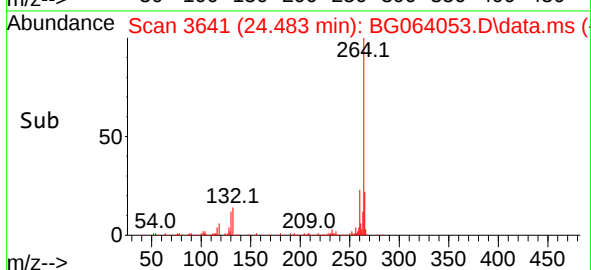
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

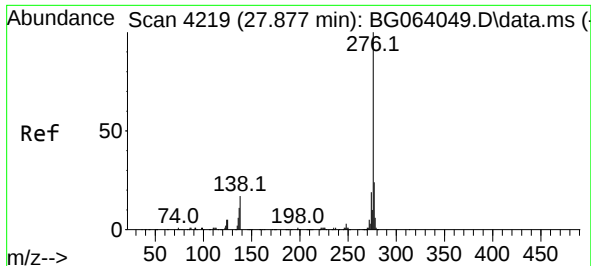


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3641
Delta R.T. 0.008 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10



Tgt Ion:264 Resp: 261789
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.7 16.6 25.0





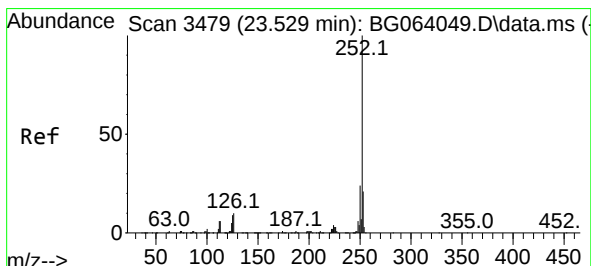
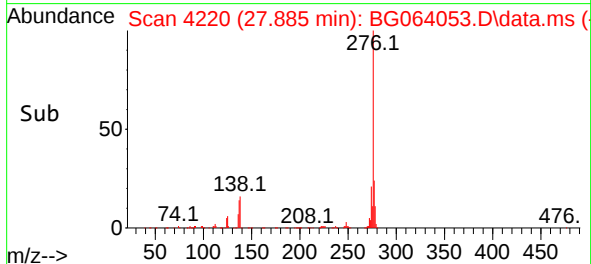
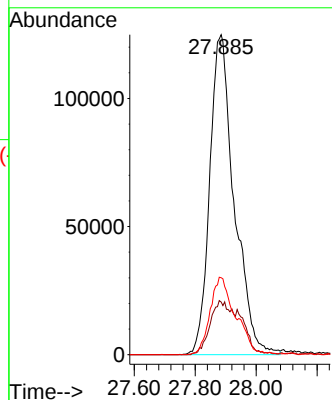
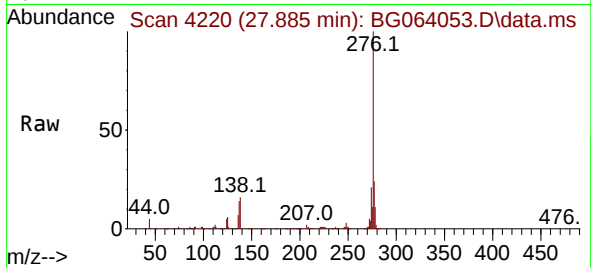
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.918 ng
 RT: 27.885 min Scan# 4219
 Delta R.T. 0.008 min
 Lab File: BG064053.D
 Acq: 5 Mar 2025 15:10

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030525

Tgt Ion:276 Resp: 699194
 Ion Ratio Lower Upper
 276 100
 138 15.1 12.1 18.1
 277 25.0 20.0 30.0

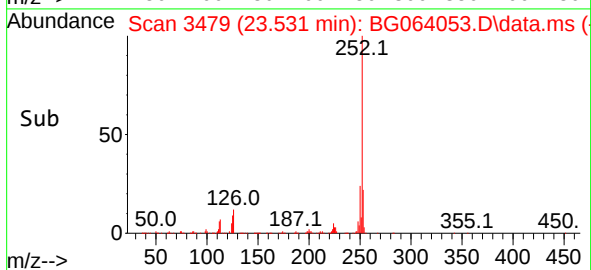
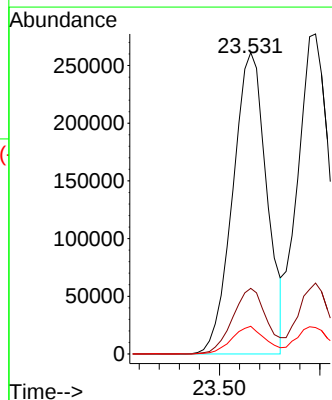
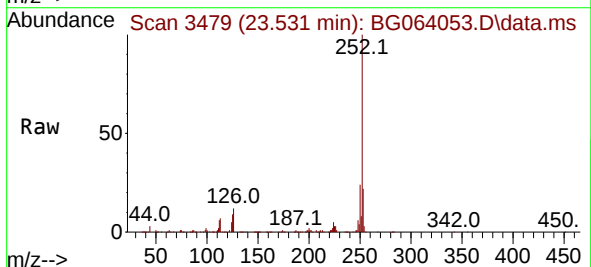
Manual Integrations
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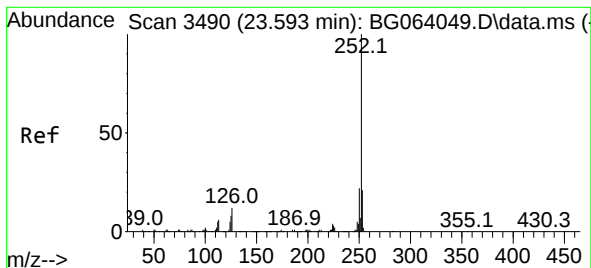
Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025



#88
 Benzo(b)fluoranthene
 Concen: 38.901 ng
 RT: 23.531 min Scan# 3479
 Delta R.T. 0.002 min
 Lab File: BG064053.D
 Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 615644
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.4
 125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.079 ng

RT: 23.596 min Scan# 3490

Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA_G

ClientSampleId :

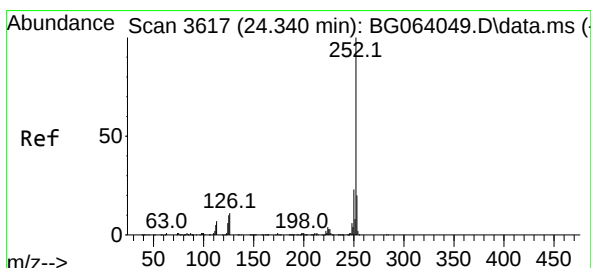
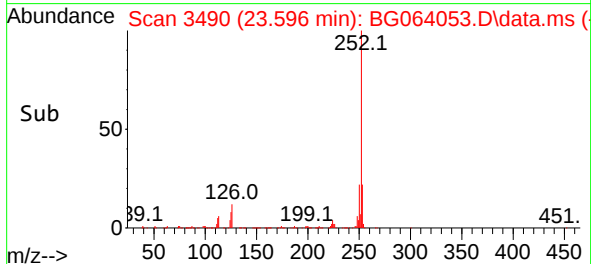
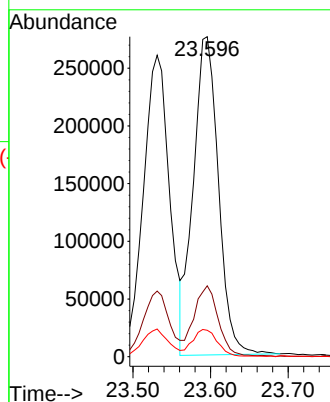
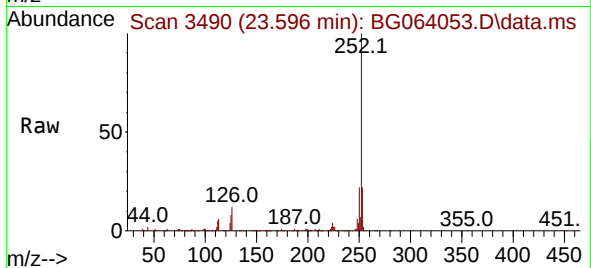
ICVBG030525

Tgt Ion:252 Resp: 620440
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.8 25.2
 125 8.2 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: 38.765 ng

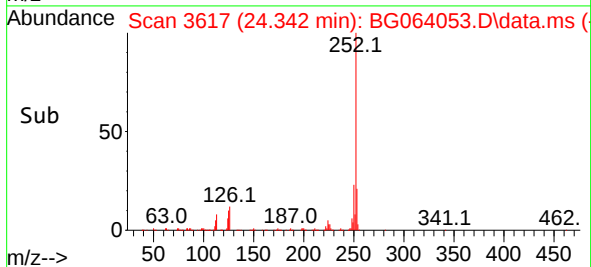
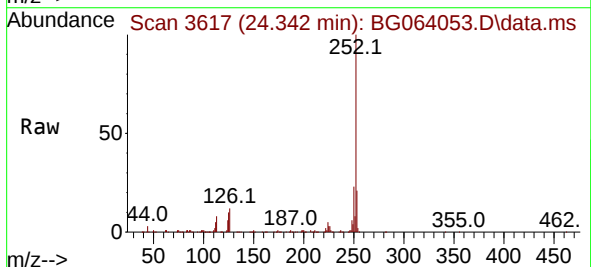
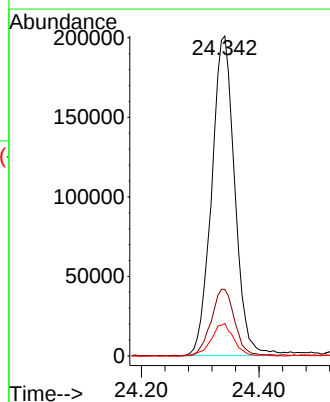
RT: 24.342 min Scan# 3617

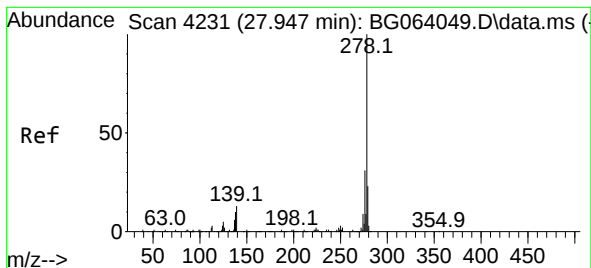
Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

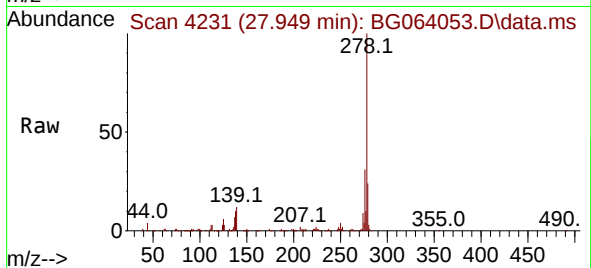
Tgt Ion:252 Resp: 546383
 Ion Ratio Lower Upper
 252 100
 253 20.8 16.2 24.2
 125 10.1 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 40.162 ng
RT: 27.949 min Scan# 4399
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

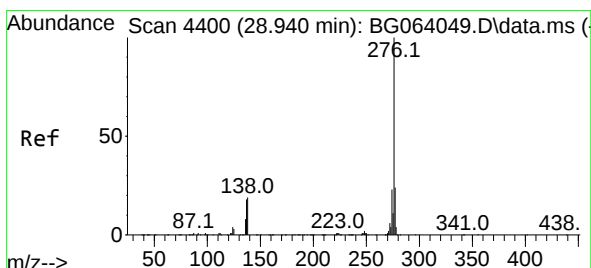
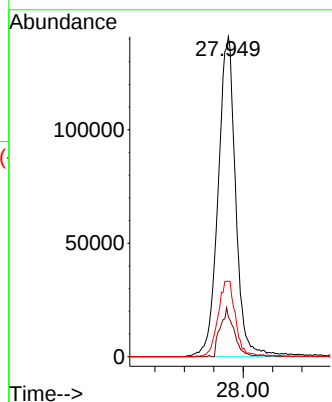
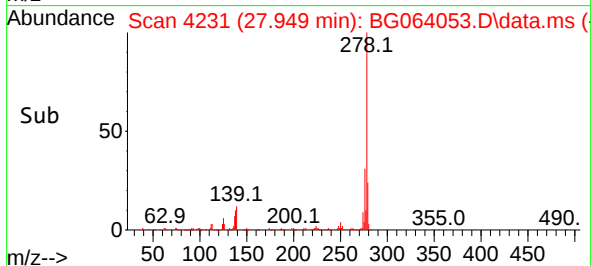
Instrument :
BNA_G
ClientSampleId :
ICVBG030525



Tgt Ion:278 Resp: 583198
Ion Ratio Lower Upper
278 100
139 12.5 10.2 15.2
279 23.6 18.1 27.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.740 ng
RT: 28.936 min Scan# 4399
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:276 Resp: 592494
Ion Ratio Lower Upper
276 100
277 23.9 19.5 29.3
138 17.7 15.4 23.0

