

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064591.D
 Acq On : 27 Oct 2025 17:25
 Operator : RC/JU
 Sample : Q3439-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MS

Quant Time: Nov 04 01:21:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	38243	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	154553	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	118865	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	281370	20.000	ng	0.00
76) Chrysene-d12	21.854	240	304154	20.000	ng	0.00
86) Perylene-d12	25.197	264	332284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	232916	102.227	ng	0.00
7) Phenol-d6	7.354	99	304372	97.354	ng	0.00
23) Nitrobenzene-d5	9.381	82	167086	64.933	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	173458	101.108	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	478406	61.005	ng	0.00
79) Terphenyl-d14	20.168	244	988689	61.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	38664	38.330	ng	98
3) Pyridine	3.993	79	105787	34.923	ng	98
4) n-Nitrosodimethylamine	3.899	42	70692	43.518	ng	97
6) Aniline	7.530	93	111165	26.130	ng	98
8) 2-Chlorophenol	7.777	128	126517	53.051	ng	100
9) Benzaldehyde	7.336	77	59919	35.105	ng	95
10) Phenol	7.377	94	176658	51.093	ng	97
11) bis(2-Chloroethyl)ether	7.624	93	113991	44.841	ng	98
12) 1,3-Dichlorobenzene	8.111	146	131825	48.027	ng	96
13) 1,4-Dichlorobenzene	8.252	146	135732	48.633	ng	96
14) 1,2-Dichlorobenzene	8.576	146	127704	47.439	ng	97
15) Benzyl Alcohol	8.446	79	130048	50.443	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.746	45	308901	46.325	ng	99
17) 2-Methylphenol	8.646	107	119631	52.112	ng	98
18) Hexachloroethane	9.322	117	46568	47.547	ng	98
19) n-Nitroso-di-n-propyla...	9.028	70	103937	48.103	ng	97
20) 3+4-Methylphenols	8.975	107	159656	49.453	ng	98
22) Acetophenone	9.040	105	223522	52.906	ng	# 100
24) Nitrobenzene	9.422	77	144109	51.490	ng	99
25) Isophorone	9.956	82	291079	47.142	ng	99
26) 2-Nitrophenol	10.144	139	52682	48.735	ng	94
27) 2,4-Dimethylphenol	10.191	122	131410	57.216	ng	98
28) bis(2-Chloroethoxy)met...	10.432	93	168975	48.065	ng	98
29) 2,4-Dichlorophenol	10.679	162	132000	53.404	ng	99
30) 1,2,4-Trichlorobenzene	10.902	180	143468	51.085	ng	99
31) Naphthalene	11.096	128	408198	47.637	ng	100
32) Benzoic acid	10.327	122	91977	51.841	ng	94
33) 4-Chloroaniline	11.184	127	42274	12.693	ng	98
34) Hexachlorobutadiene	11.390	225	103827	47.273	ng	92
35) Caprolactam	11.948	113	42756m	45.101	ng	
36) 4-Chloro-3-methylphenol	12.295	107	150753	50.740	ng	99
37) 2-Methylnaphthalene	12.688	142	277925	44.177	ng	98
38) 1-Methylnaphthalene	12.906	142	288664	46.349	ng	97
40) 1,2,4,5-Tetrachloroben...	13.053	216	216203	54.197	ng	99
41) Hexachlorocyclopentadiene	13.035	237	244687	136.273	ng	98
43) 2,4,6-Trichlorophenol	13.276	196	126708	55.528	ng	97

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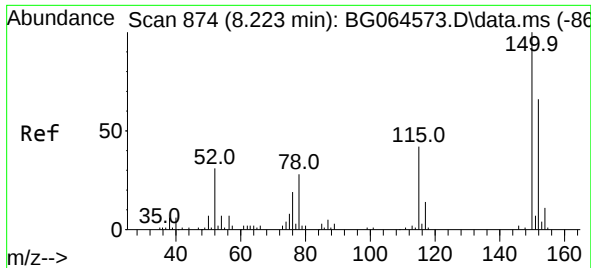
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	139830	53.102	ng	99
46) 1,1'-Biphenyl	13.681	154	458987	54.315	ng	98
47) 2-Chloronaphthalene	13.728	162	310665	48.704	ng	99
48) 2-Nitroaniline	13.911	65	105234	49.067	ng	96
49) Acenaphthylene	14.569	152	560025	55.662	ng	98
50) Dimethylphthalate	14.287	163	435033	47.829	ng	99
51) 2,6-Dinitrotoluene	14.398	165	82691	54.626	ng	97
52) Acenaphthene	14.909	154	358851	52.204	ng	97
53) 3-Nitroaniline	14.727	138	42092	26.928	ng	# 95
54) 2,4-Dinitrophenol	14.933	184	90927	97.430	ng	# 34
55) Dibenzofuran	15.238	168	538020	48.413	ng	98
56) 4-Nitrophenol	15.021	139	154795	106.812	ng	96
57) 2,4-Dinitrotoluene	15.186	165	118466	50.860	ng	# 98
58) Fluorene	15.885	166	421871	48.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	141378	56.146	ng	98
60) Diethylphthalate	15.644	149	438111	47.174	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	234514	48.149	ng	100
62) 4-Nitroaniline	15.885	138	88677	50.993	ng	96
63) Azobenzene	16.167	77	456132	53.529	ng	99
65) 4,6-Dinitro-2-methylph...	15.943	198	64395	51.557	ng	95
66) n-Nitrosodiphenylamine	16.084	169	386929	50.908	ng	99
67) 4-Bromophenyl-phenylether	16.766	248	164166	49.235	ng	98
68) Hexachlorobenzene	16.889	284	189325	49.771	ng	99
69) Atrazine	17.025	200	164862	50.404	ng	98
70) Pentachlorophenol	17.224	266	252462	106.431	ng	93
71) Phenanthrene	17.624	178	754132	49.011	ng	99
72) Anthracene	17.712	178	770848	49.248	ng	99
73) Carbazole	17.971	167	669776	48.526	ng	100
74) Di-n-butylphthalate	18.529	149	763539	47.839	ng	99
75) Fluoranthene	19.616	202	907995	47.105	ng	99
77) Benzidine	19.780	184	194912	28.603	ng	98
78) Pyrene	19.974	202	959415	48.280	ng	99
80) Butylbenzylphthalate	20.849	149	326982	54.443	ng	99
81) Benzo(a)anthracene	21.837	228	1001336	49.652	ng	100
82) 3,3'-Dichlorobenzidine	21.737	252	144619	21.474	ng	98
83) Chrysene	21.901	228	940262	48.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.743	149	469605	52.327	ng	99
85) Di-n-octyl phthalate	23.006	149	803459	53.101	ng	98
87) Indeno(1,2,3-cd)pyrene	29.040	276	1219199	49.877	ng	99
88) Benzo(b)fluoranthene	24.134	252	988760	48.527	ng	99
89) Benzo(k)fluoranthene	24.210	252	1040885	51.050	ng	97
90) Benzo(a)pyrene	25.045	252	966919	51.625	ng	99
91) Dibenzo(a,h)anthracene	29.110	278	1005793	50.647	ng	98
92) Benzo(g,h,i)perylene	30.233	276	977591	51.532	ng	98

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



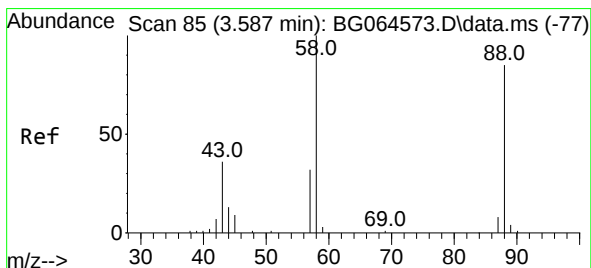
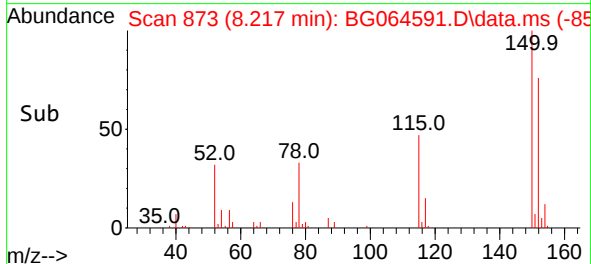
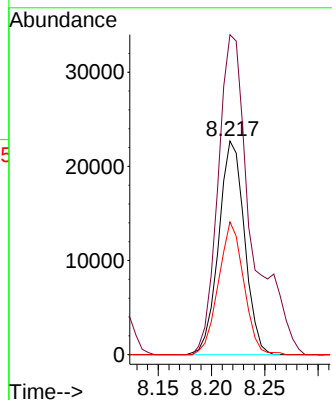
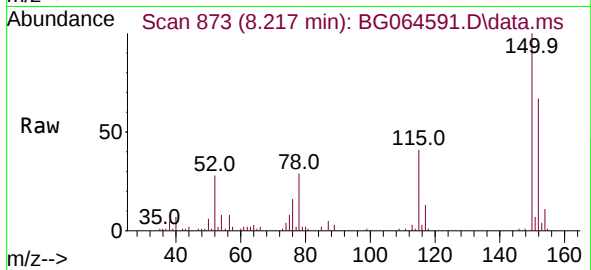
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion:152 Resp: 38243
Ion Ratio Lower Upper
152 100
150 149.9 122.2 183.4
115 62.2 50.8 76.2

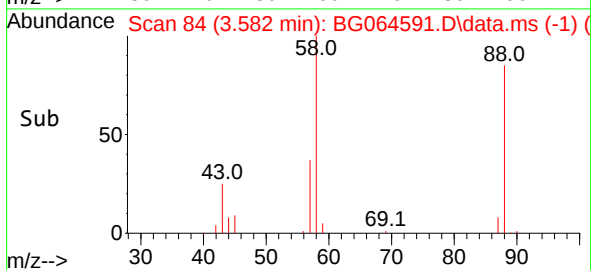
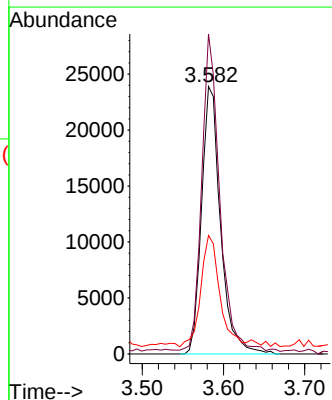
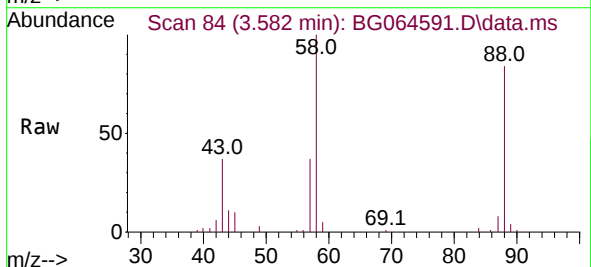
Manual Integrations
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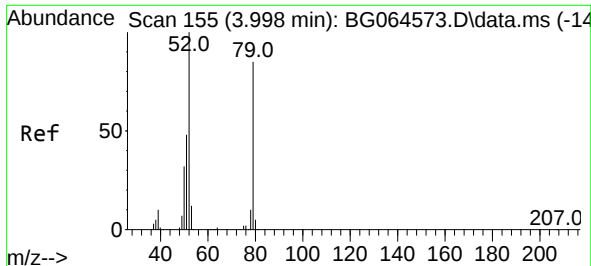
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 38.330 ng
RT: 3.582 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

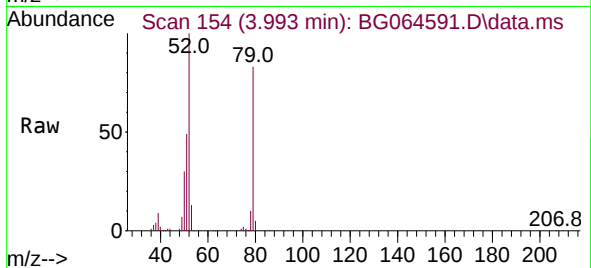
Tgt Ion: 88 Resp: 38664
Ion Ratio Lower Upper
88 100
58 112.8 92.4 138.6
43 41.8 33.0 49.6





#3
Pyridine
Concen: 34.923 ng
RT: 3.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

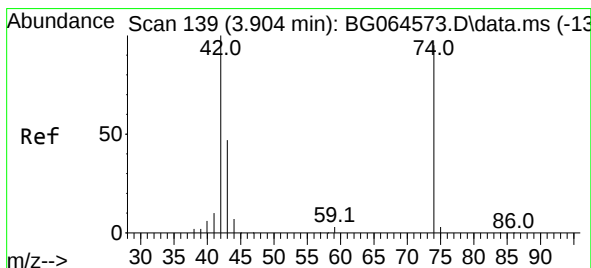
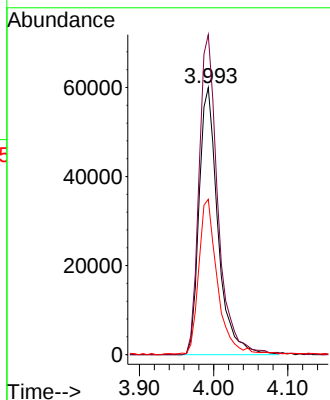
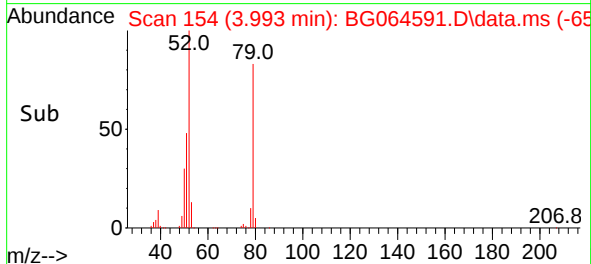
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion: 79 Resp: 10578
Ion Ratio Lower Upper
79 100
52 119.9 94.2 141.2
51 58.2 46.1 69.1

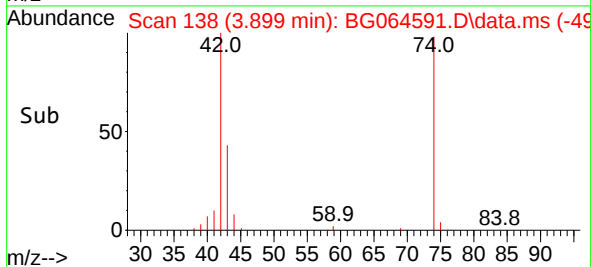
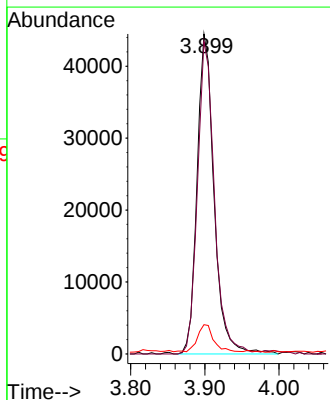
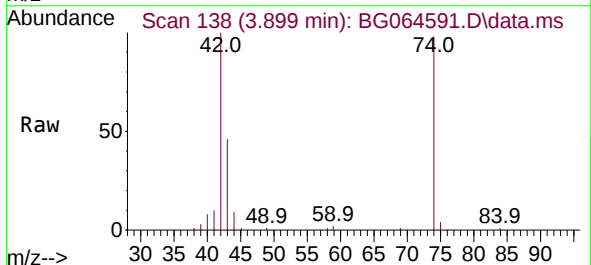
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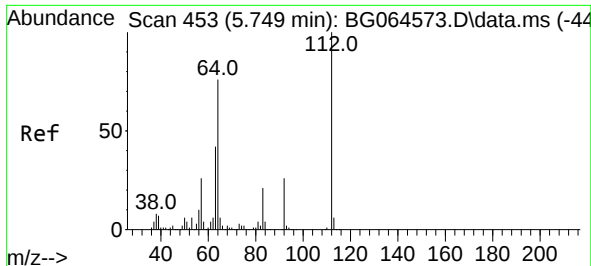
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 43.518 ng
RT: 3.899 min Scan# 138
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

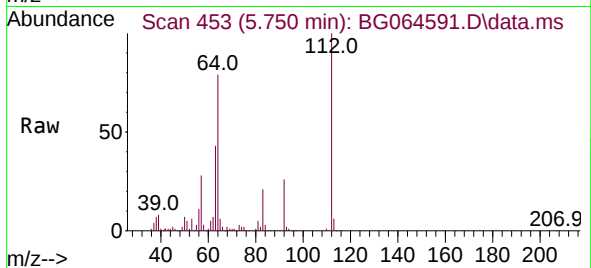
Tgt Ion: 42 Resp: 70692
Ion Ratio Lower Upper
42 100
74 97.6 76.1 114.1
44 9.1 6.3 9.5





#5
2-Fluorophenol
Concen: 102.227 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

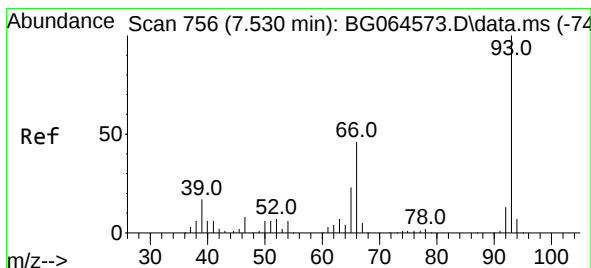
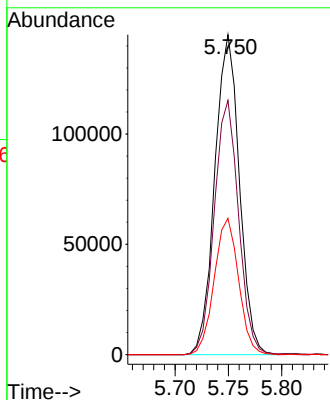
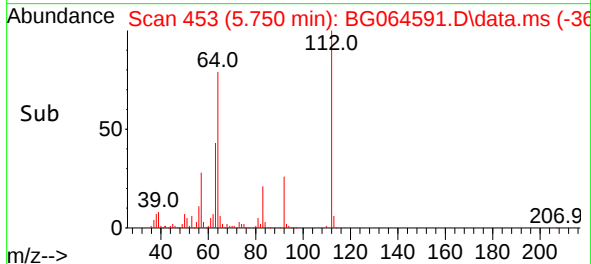
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:112 Resp: 232916
Ion Ratio Lower Upper
112 100
64 79.4 60.7 91.1
63 42.6 33.4 50.0

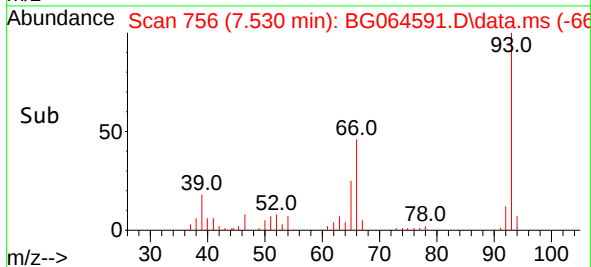
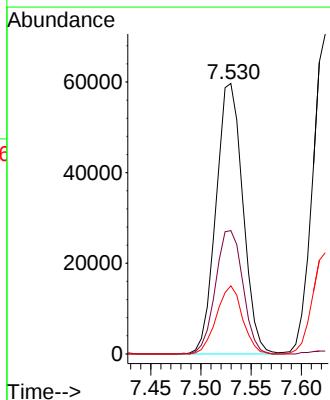
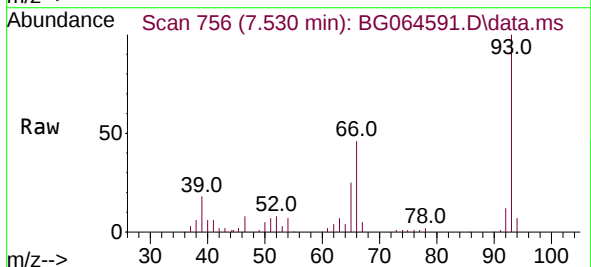
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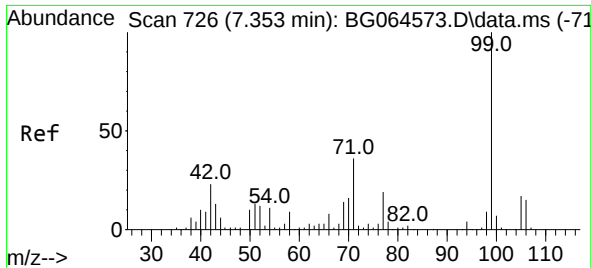
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 26.130 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion: 93 Resp: 111165
Ion Ratio Lower Upper
93 100
66 45.6 37.0 55.6
65 25.2 18.3 27.5





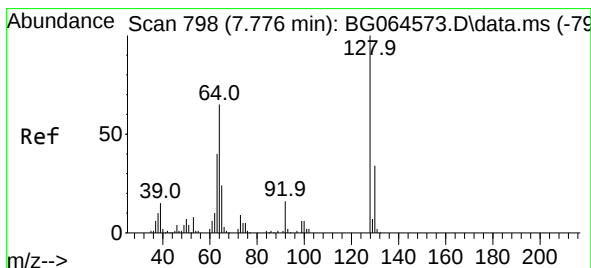
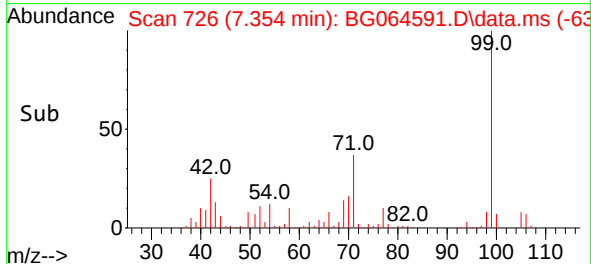
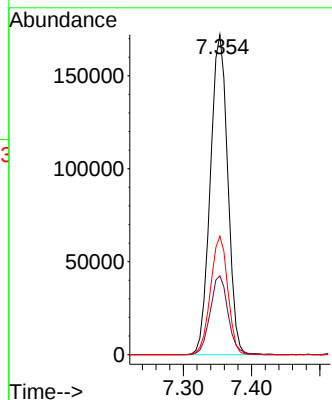
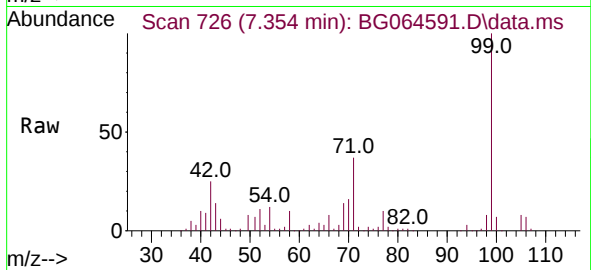
#7
Phenol-d6
Concen: 97.354 ng
RT: 7.354 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion: 99 Resp: 304372
Ion Ratio Lower Upper
99 100
42 24.6 18.3 27.5
71 37.0 28.6 43.0

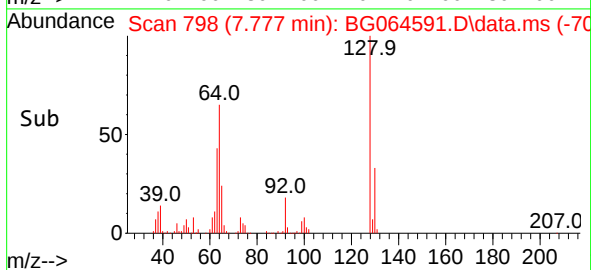
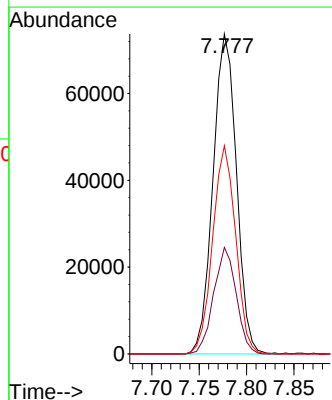
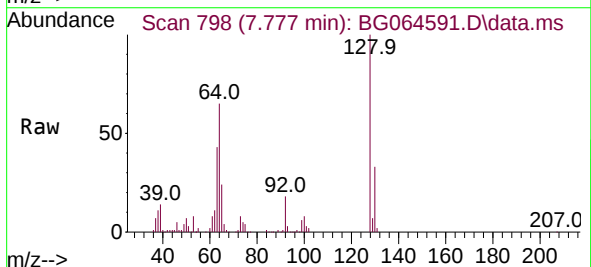
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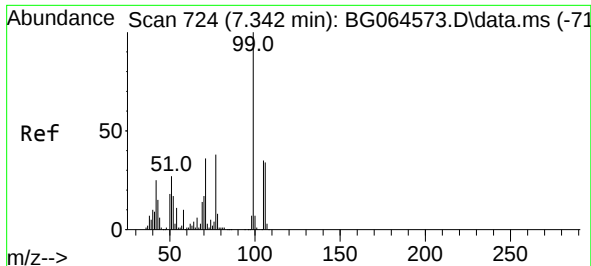
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 53.051 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

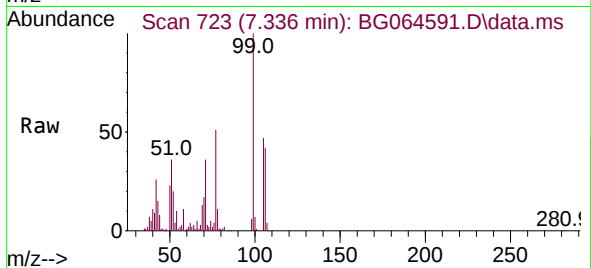
Tgt Ion:128 Resp: 126517
Ion Ratio Lower Upper
128 100
130 33.3 13.5 53.5
64 65.0 45.2 85.2





#9
Benzaldehyde
Concen: 35.105 ng
RT: 7.336 min Scan# 724
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

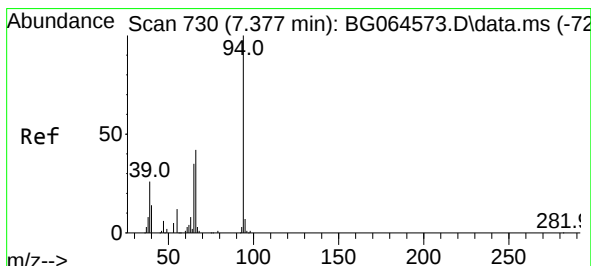
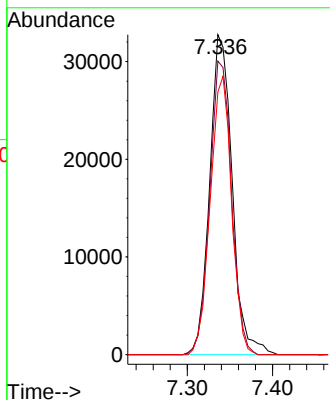
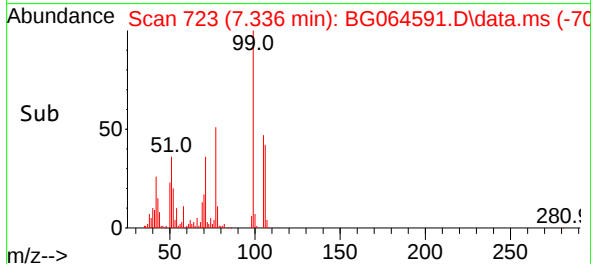
Instrument :
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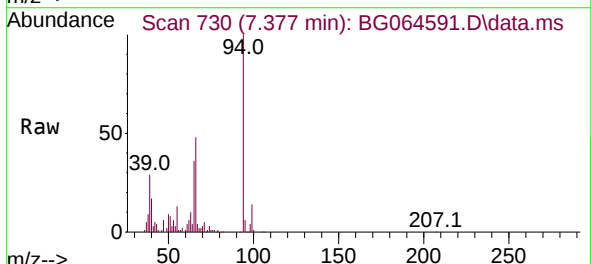
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Ion Ratio Lower Upper
77 100
105 91.7 72.9 112.9
106 82.0 70.8 110.8

Manual Integrations
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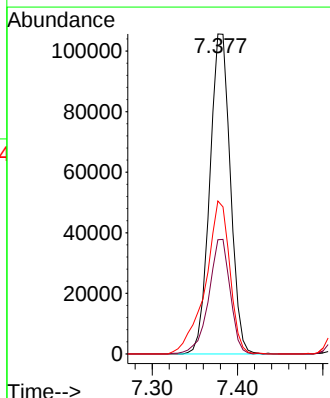
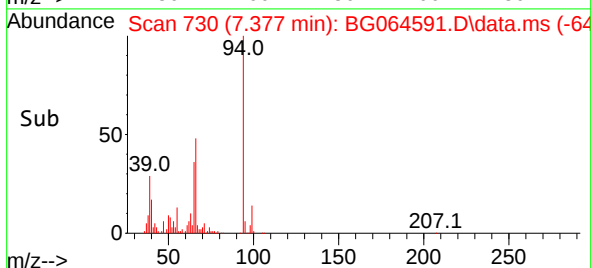
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 51.093 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



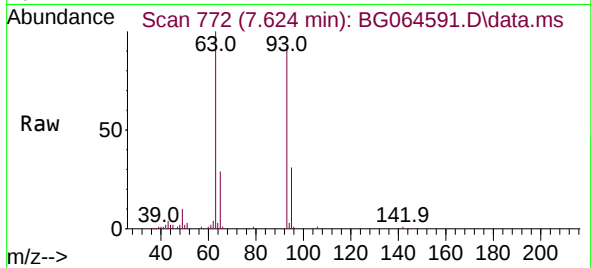
Tgt Ion: 94 Resp: 176658
Ion Ratio Lower Upper
94 100
65 35.7 15.8 55.8
66 47.8 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 44.841 ng
RT: 7.624 min Scan# 772
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

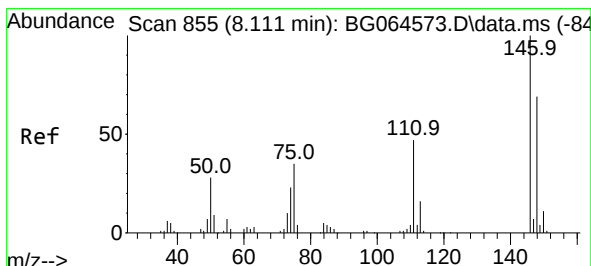
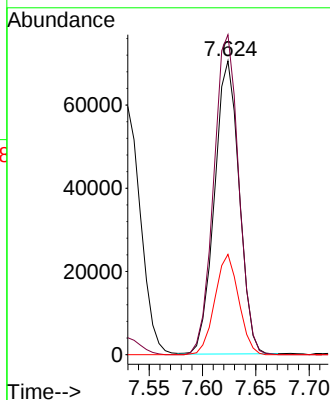
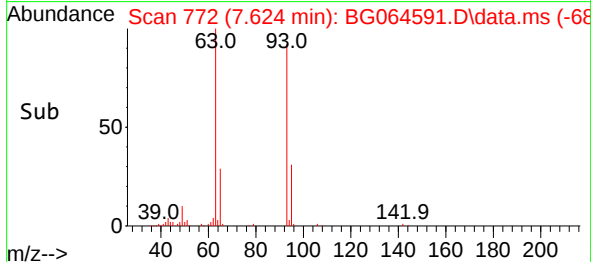
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion: 93 Resp: 113991
Ion Ratio Lower Upper
93 100
63 108.9 91.3 131.3
95 34.1 13.3 53.3

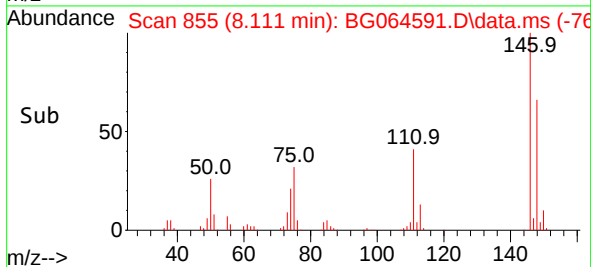
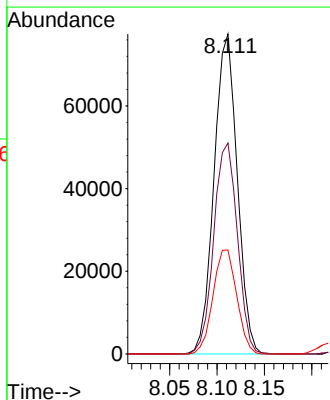
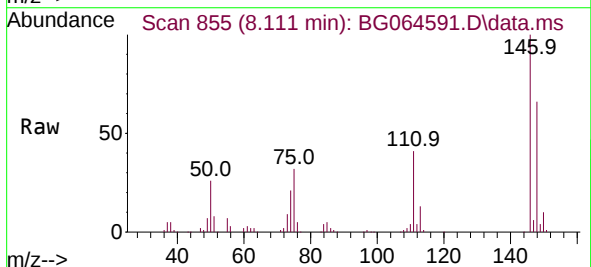
Manual Integrations
APPROVED

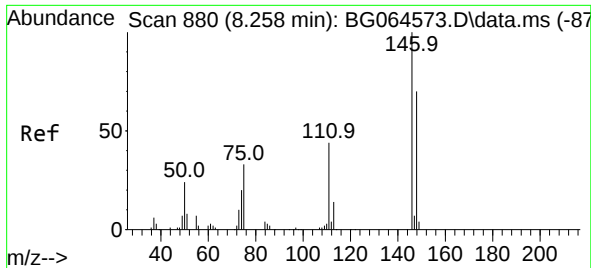
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 48.027 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion:146 Resp: 131825
Ion Ratio Lower Upper
146 100
148 65.9 55.3 82.9
75 32.5 28.2 42.2





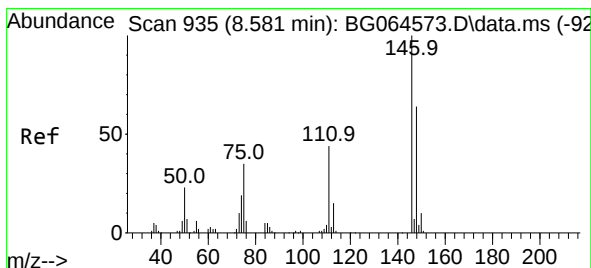
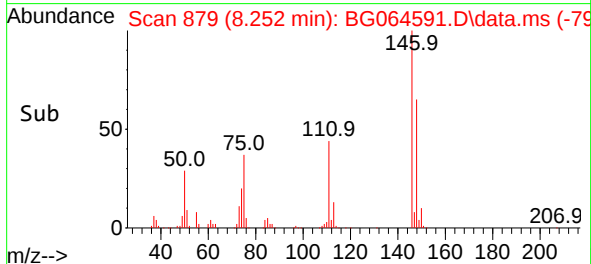
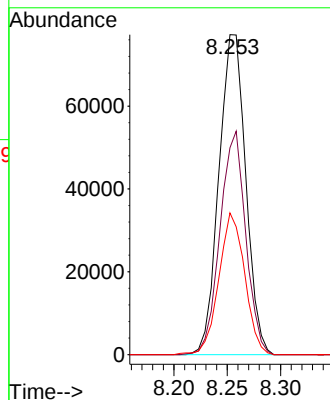
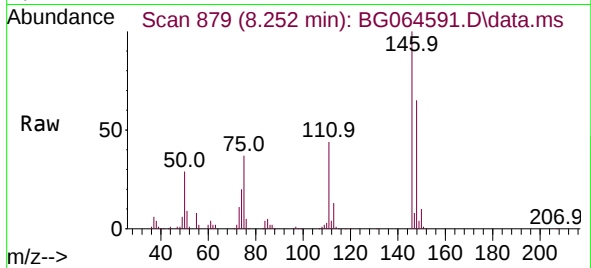
#13
1,4-Dichlorobenzene
Concen: 48.633 ng
RT: 8.252 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion:146 Resp: 135732
Ion Ratio Lower Upper
146 100
148 64.6 56.2 84.4
111 44.3 35.4 53.0

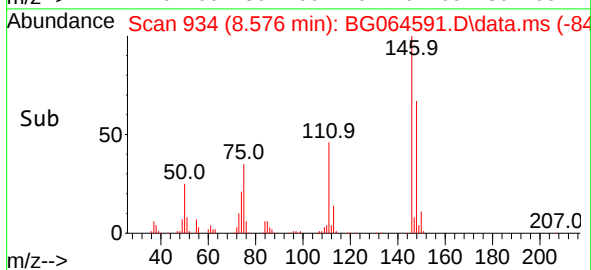
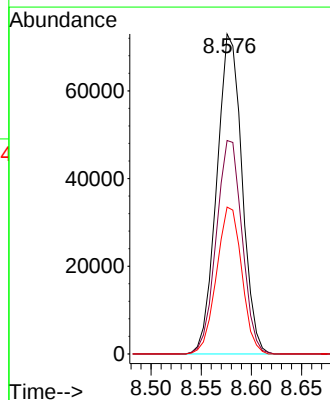
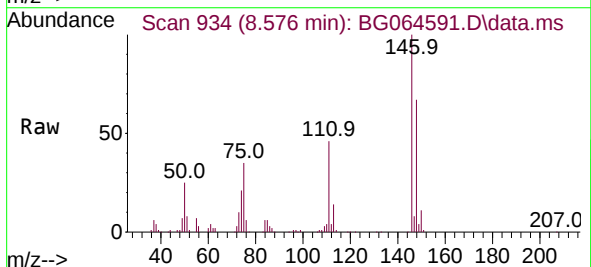
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#14
1,2-Dichlorobenzene
Concen: 47.439 ng
RT: 8.576 min Scan# 934
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

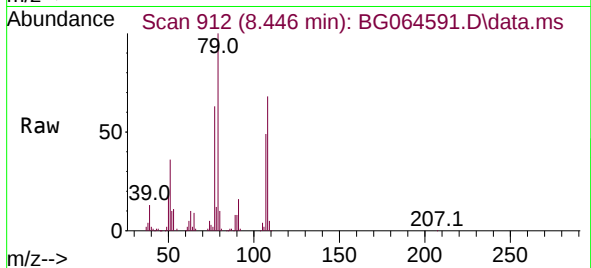
Tgt Ion:146 Resp: 127704
Ion Ratio Lower Upper
146 100
148 66.7 51.5 77.3
111 45.9 35.0 52.6





#15
Benzyl Alcohol
Concen: 50.443 ng
RT: 8.446 min Scan# 912
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

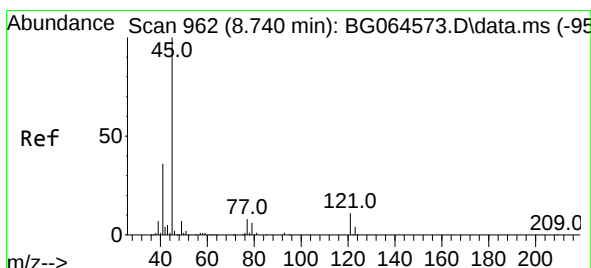
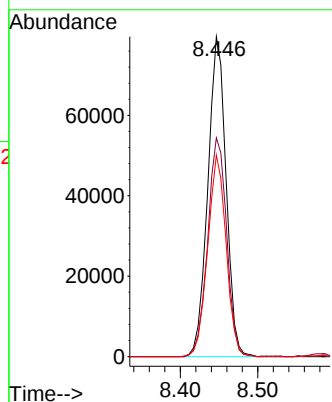
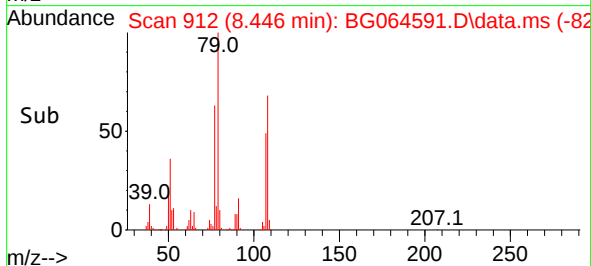
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion: 79 Resp: 130048
Ion Ratio Lower Upper
79 100
108 68.4 58.1 87.1
77 63.0 52.8 79.2

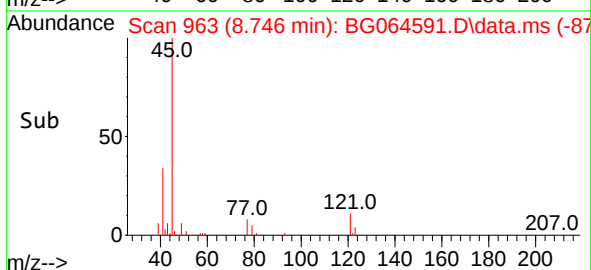
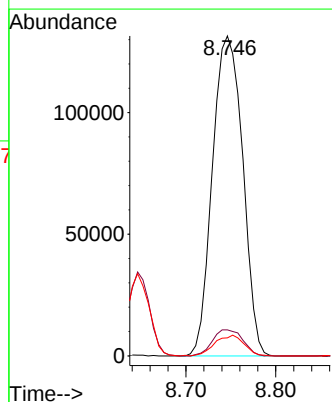
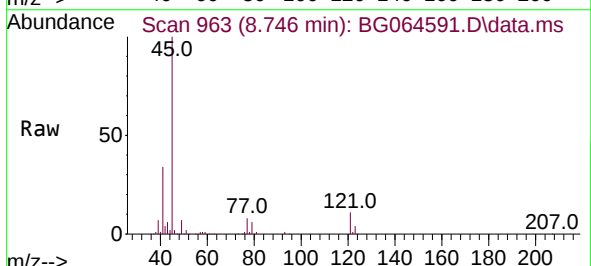
Manual Integrations
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Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.325 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

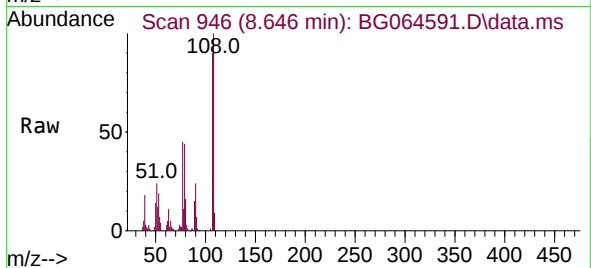
Tgt Ion: 45 Resp: 308901
Ion Ratio Lower Upper
45 100
77 8.1 0.0 28.5
79 5.6 0.0 25.6





#17
2-Methylphenol
Concen: 52.112 ng
RT: 8.646 min Scan# 947
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

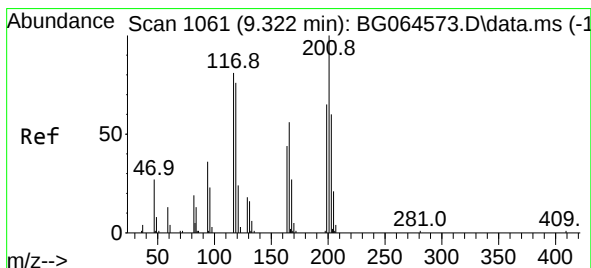
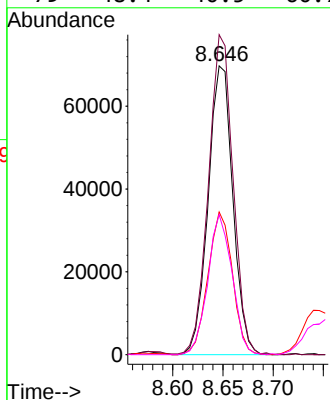
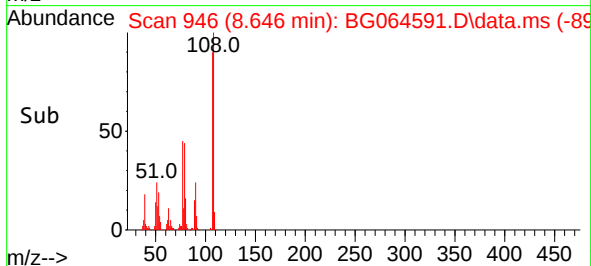
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:107 Resp: 119631
Ion Ratio Lower Upper
107 100
108 110.8 90.0 135.0
77 49.4 37.8 56.8
79 48.4 40.5 60.7

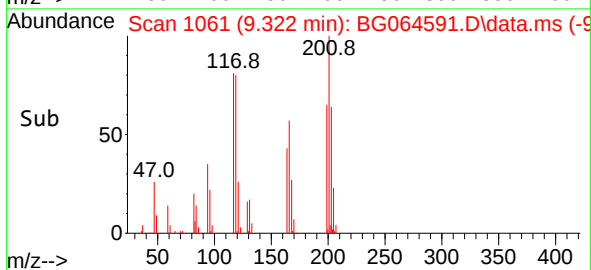
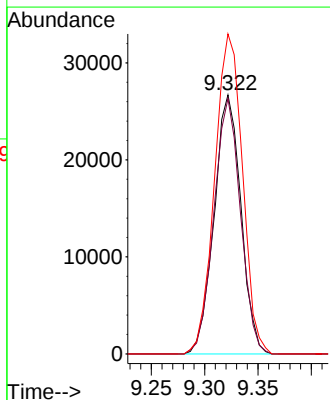
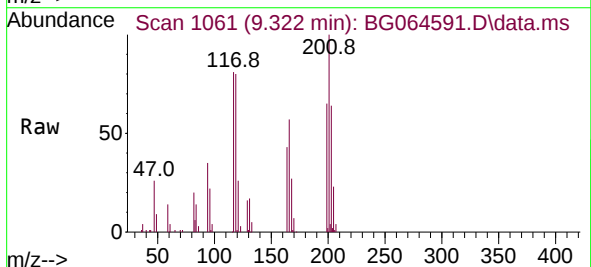
Manual Integrations
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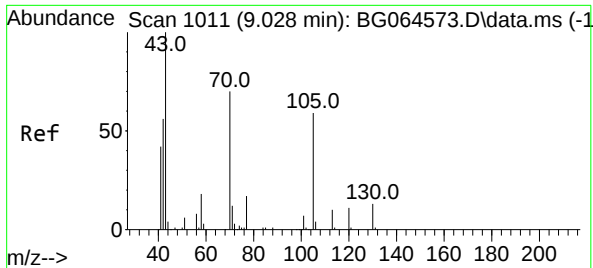
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 47.547 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

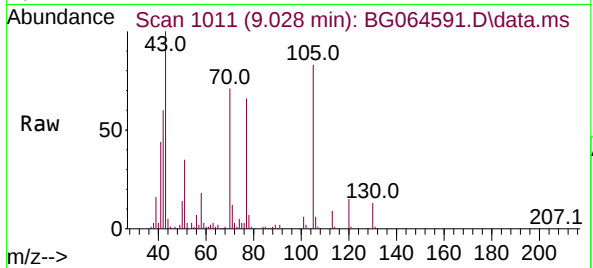
Tgt Ion:117 Resp: 46568
Ion Ratio Lower Upper
117 100
119 98.6 75.4 113.2
201 123.6 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.103 ng
RT: 9.028 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

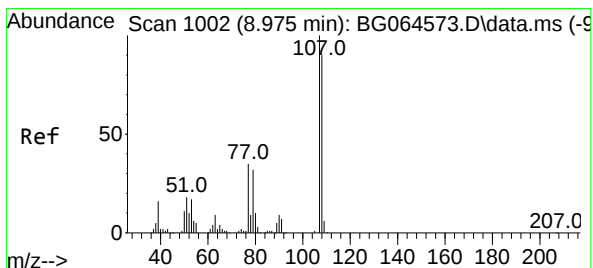
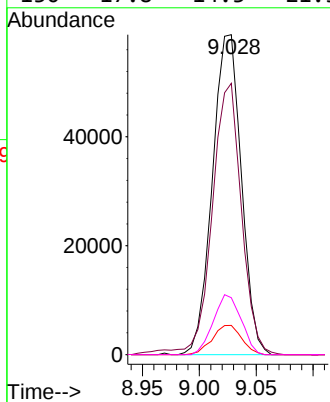
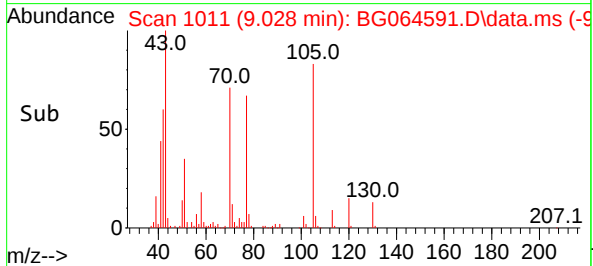
Instrument :
BNA_G
ClientSampleId :
TP-10MS



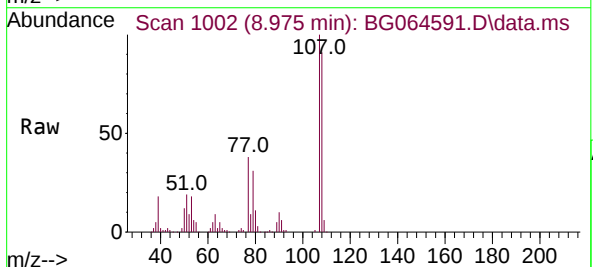
Tgt Ion: 70 Resp: 10393
Ion Ratio Lower Upper
70 100
42 84.8 65.2 97.8
101 9.1 7.9 11.9
130 17.8 14.3 21.5

Manual Integrations
APPROVED

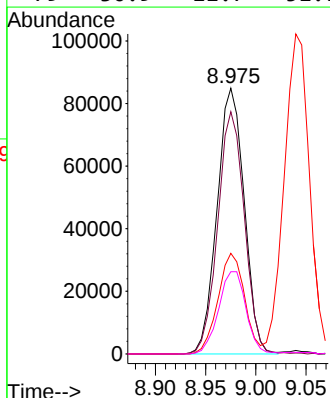
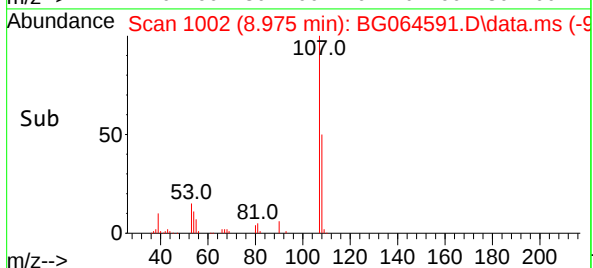
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

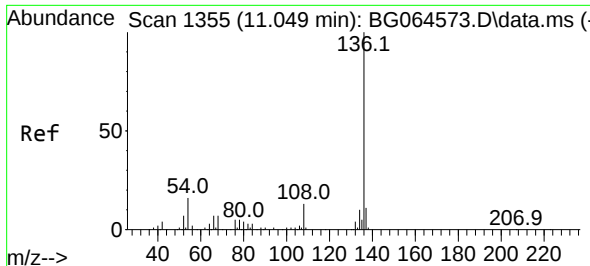


#20
3+4-Methylphenols
Concen: 49.453 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



Tgt Ion:107 Resp: 159656
Ion Ratio Lower Upper
107 100
108 91.2 70.3 110.3
77 37.8 14.6 54.6
79 30.9 11.7 51.7





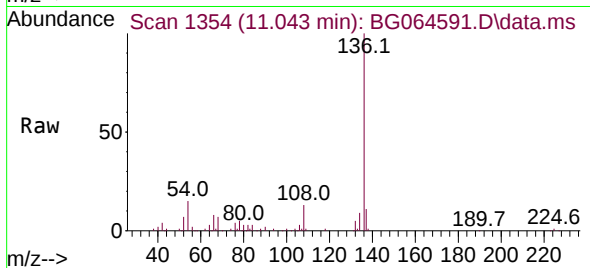
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

TP-10MS

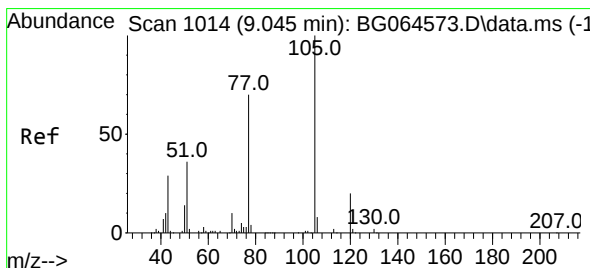
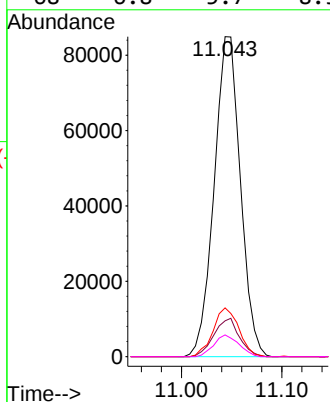
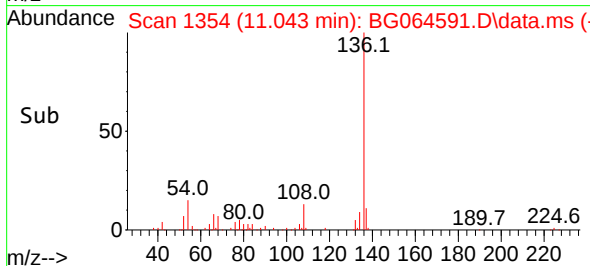


Tgt Ion:136 Resp: 154553
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 15.2 12.6 19.0
68 6.8 5.7 8.5

Manual Integrations

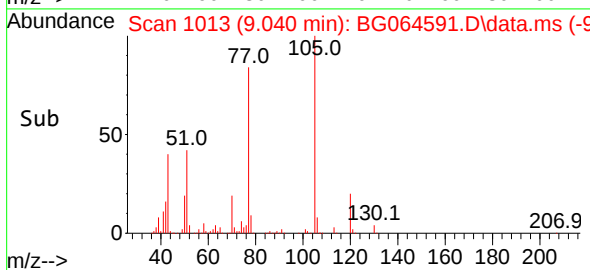
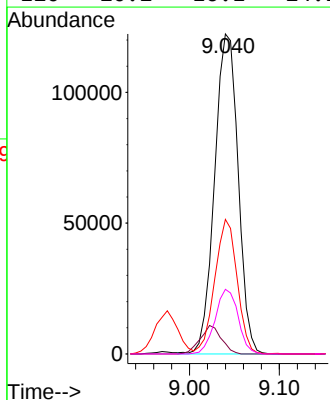
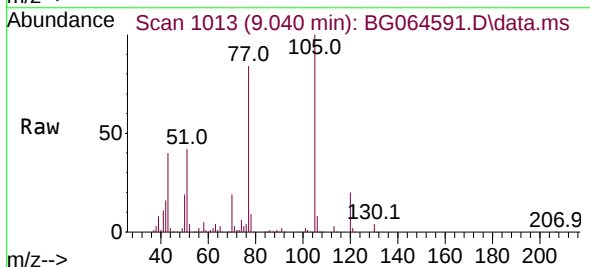
APPROVED

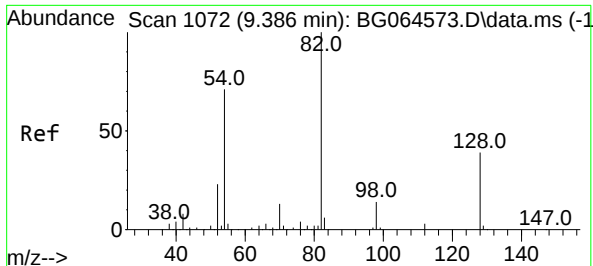
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 52.906 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion:105 Resp: 223522
Ion Ratio Lower Upper
105 100
71 3.3 1.5 2.3#
51 42.0 33.7 50.5
120 20.2 16.1 24.1





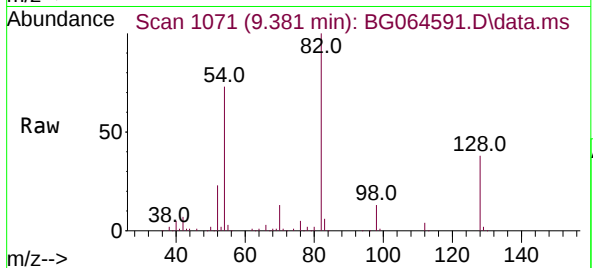
#23
Nitrobenzene-d5
Concen: 64.933 ng
RT: 9.381 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

TP-10MS



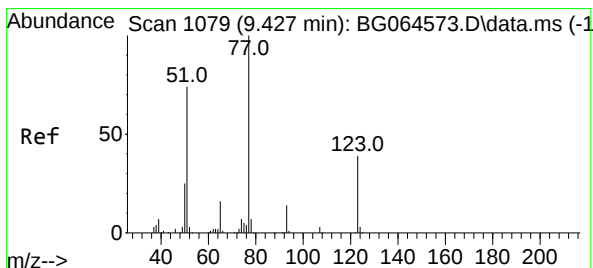
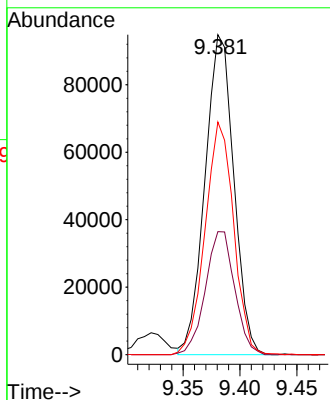
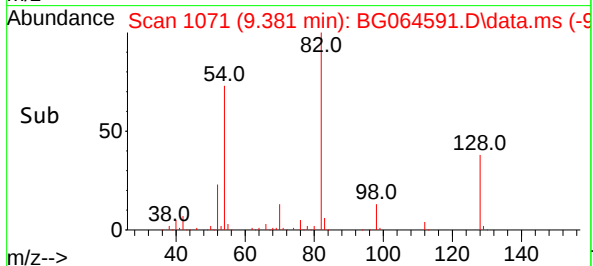
Tgt Ion: 82 Resp: 167086
Ion Ratio Lower Upper
82 100
128 38.4 31.3 46.9
54 72.7 56.6 84.8

Manual Integrations

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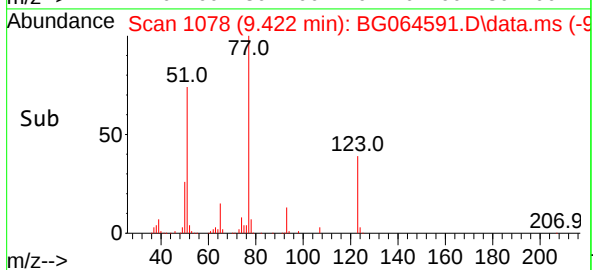
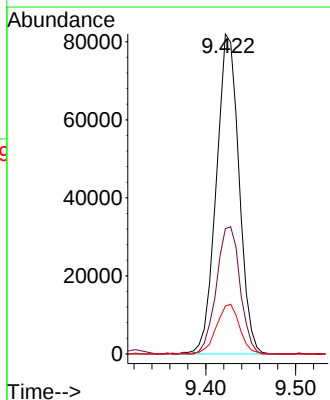
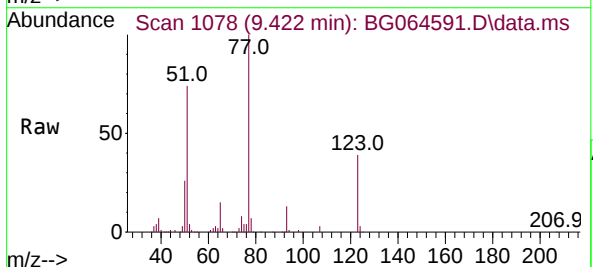
Reviewed By :Rahul Chavli 10/28/2025

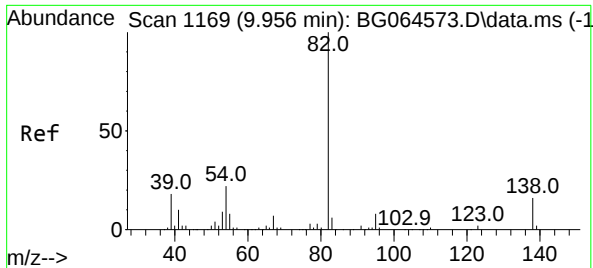
Supervised By :mohammad ahmed 11/05/2025



#24
Nitrobenzene
Concen: 51.490 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion: 77 Resp: 144109
Ion Ratio Lower Upper
77 100
123 39.2 31.0 46.6
65 14.9 12.7 19.1





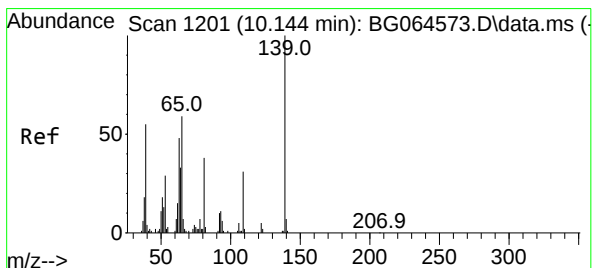
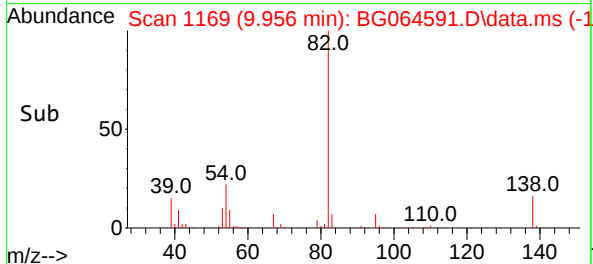
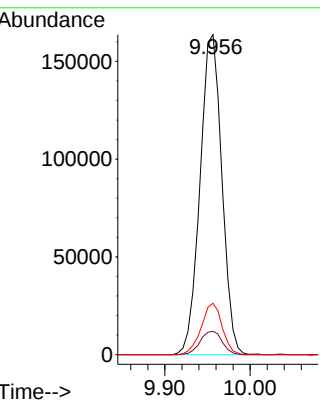
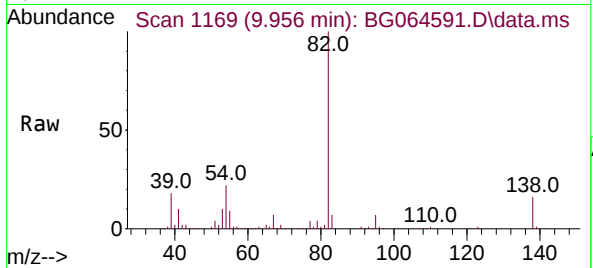
#25
Isophorone
Concen: 47.142 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion: 82 Resp: 291079
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.0 13.0 19.4

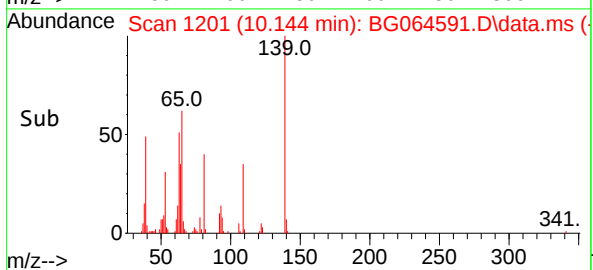
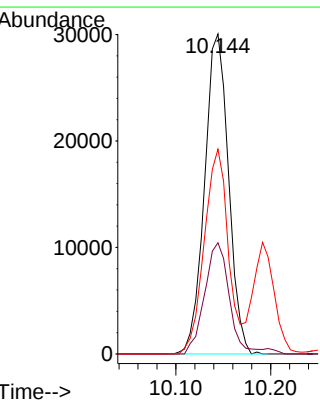
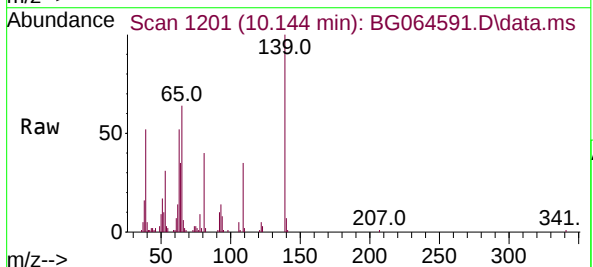
Manual Integrations
APPROVED

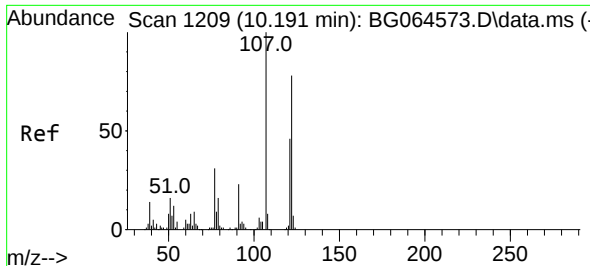
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 48.735 ng
RT: 10.144 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

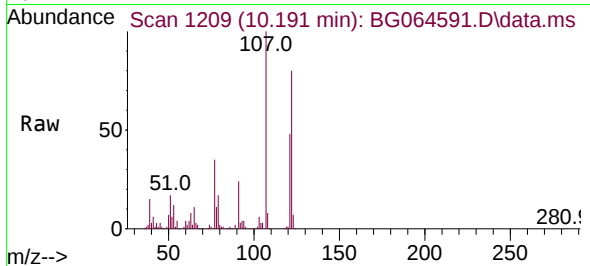
Tgt Ion:139 Resp: 52682
Ion Ratio Lower Upper
139 100
109 34.7 24.6 37.0
65 64.0 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 57.216 ng
RT: 10.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

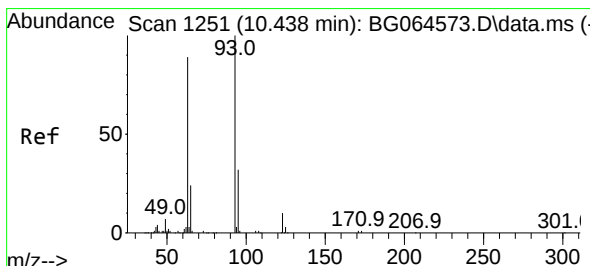
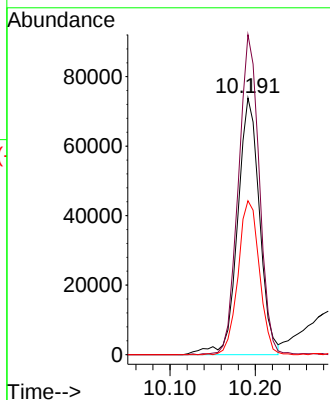
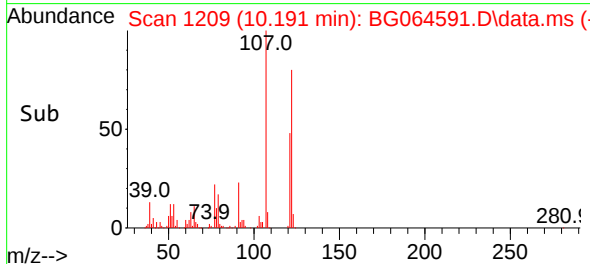
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:122 Resp: 131410
Ion Ratio Lower Upper
122 100
107 124.6 103.0 154.4
121 59.9 47.8 71.8

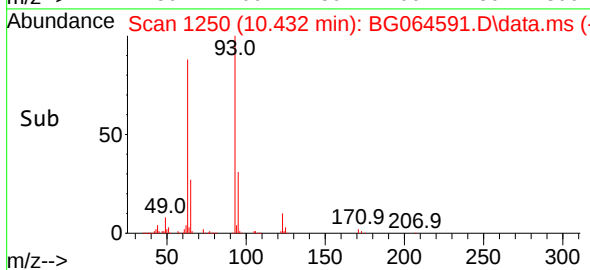
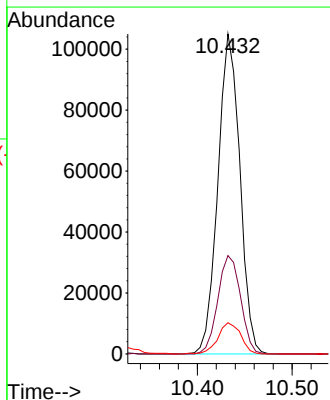
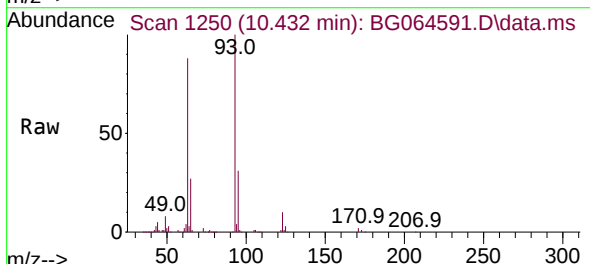
Manual Integrations
APPROVED

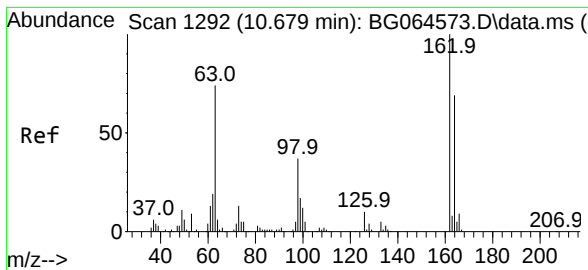
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.065 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion: 93 Resp: 168975
Ion Ratio Lower Upper
93 100
95 30.7 25.4 38.2
123 9.8 8.4 12.6





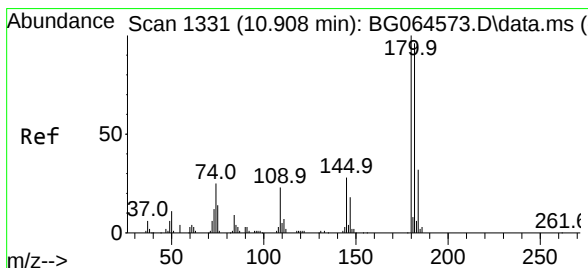
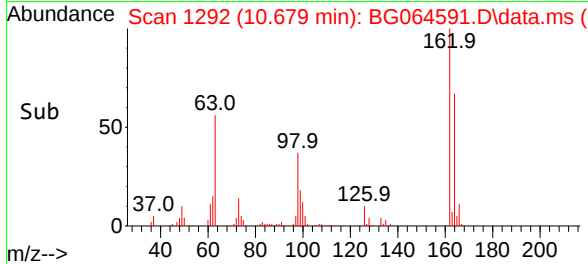
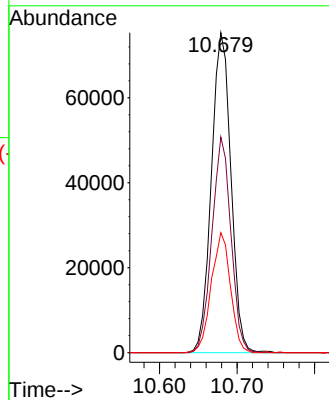
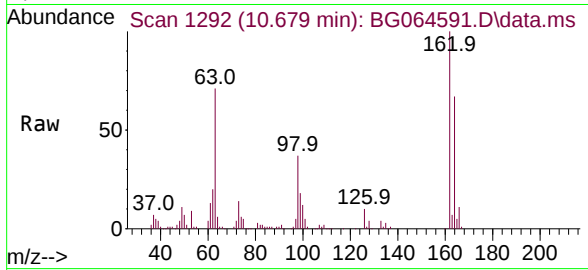
#29
2,4-Dichlorophenol
Concen: 53.404 ng
RT: 10.679 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion:162 Resp: 132000
Ion Ratio Lower Upper
162 100
164 67.4 48.7 88.7
98 37.5 16.9 56.9

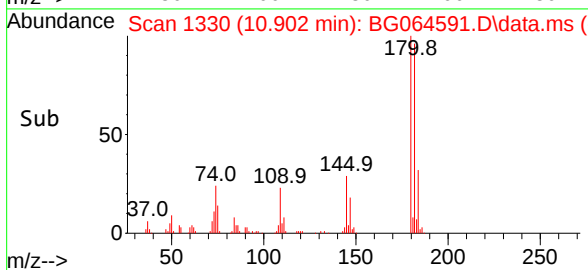
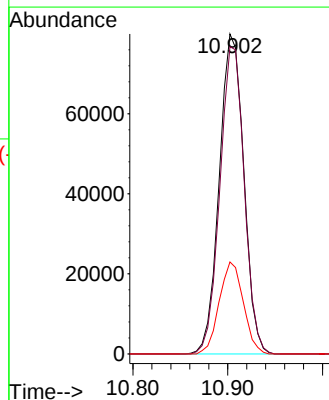
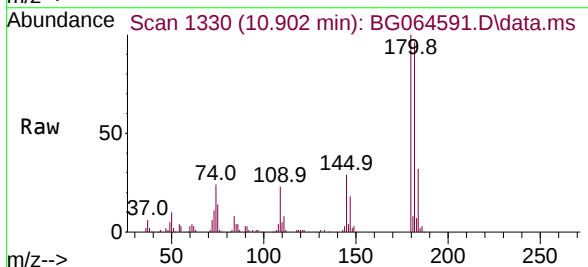
Manual Integrations
APPROVED

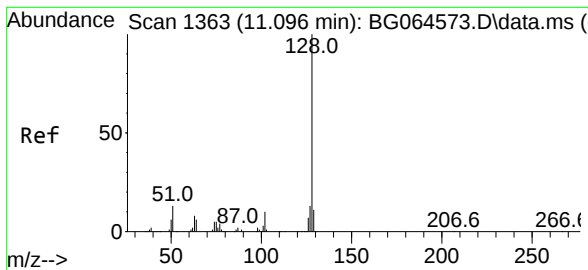
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 51.085 ng
RT: 10.902 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

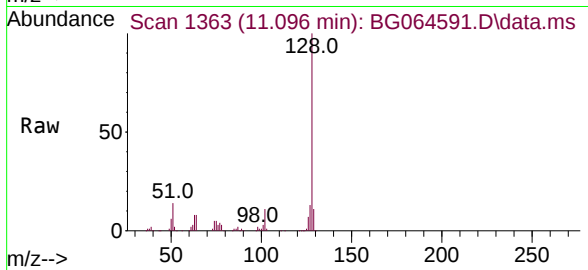
Tgt Ion:180 Resp: 143468
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 28.7 22.1 33.1





#31
Naphthalene
Concen: 47.637 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

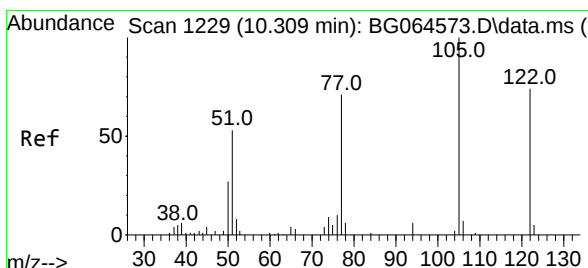
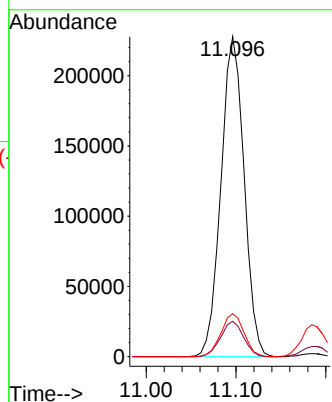
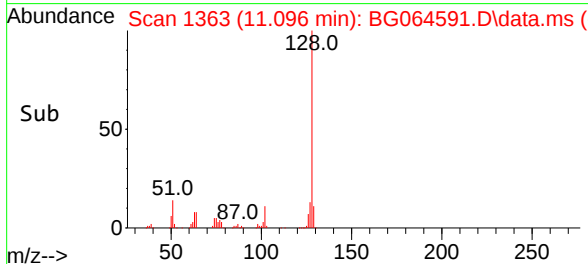
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:128 Resp: 408198
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.6 15.8

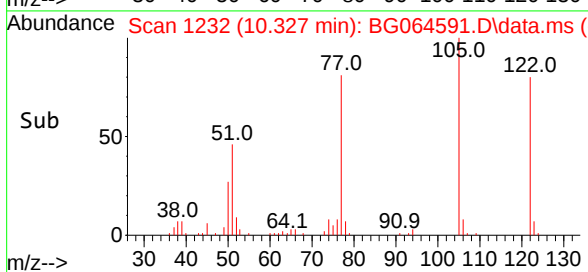
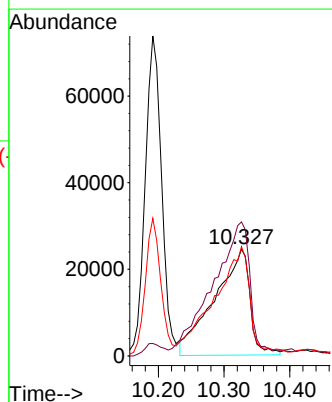
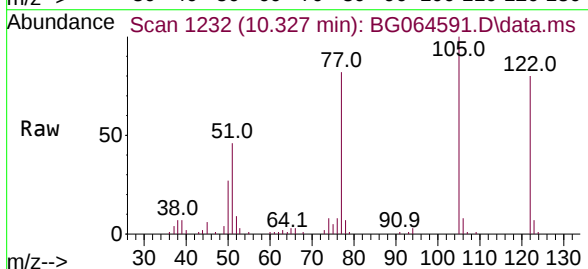
Manual Integrations
APPROVED

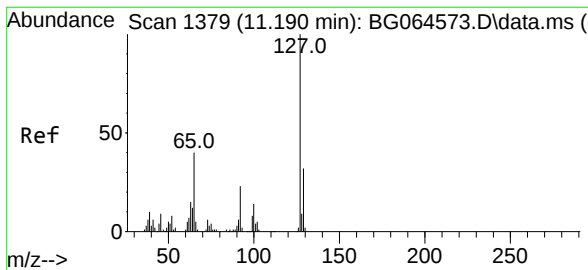
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 51.841 ng
RT: 10.327 min Scan# 1232
Delta R.T. 0.018 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

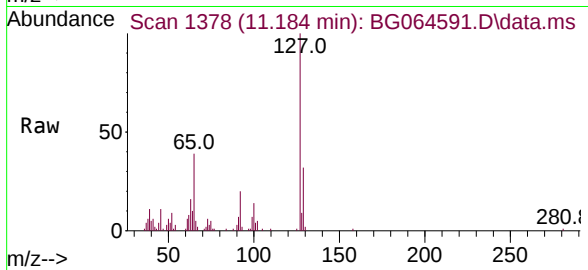
Tgt Ion:122 Resp: 91977
Ion Ratio Lower Upper
122 100
105 125.4 104.2 144.2
77 102.4 70.2 110.2





#33
4-Chloroaniline
Concen: 12.693 ng
RT: 11.184 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

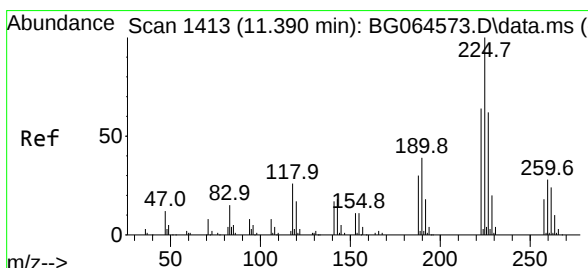
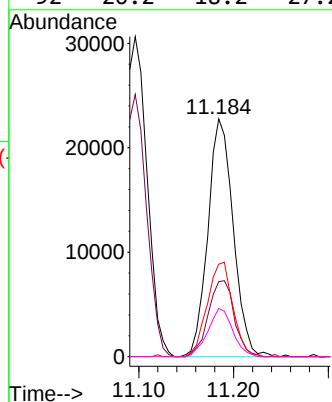
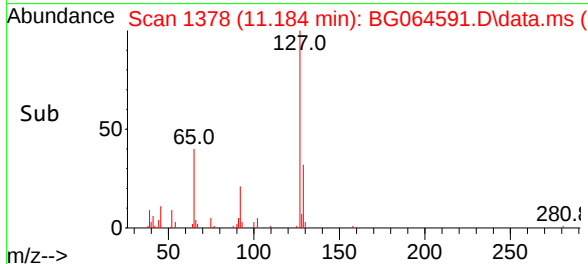
Instrument :
BNA_G
ClientSampleId :
TP-10MS



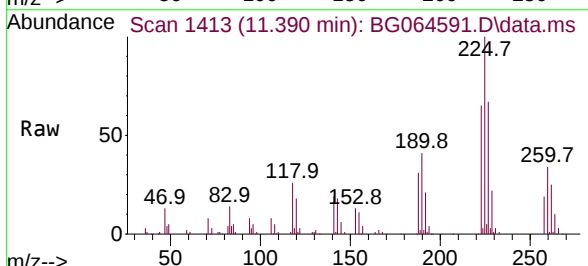
Tgt Ion:127 Resp: 42274
Ion Ratio Lower Upper
127 100
129 31.5 25.5 38.3
65 38.9 32.2 48.4
92 20.2 18.2 27.2

Manual Integrations
APPROVED

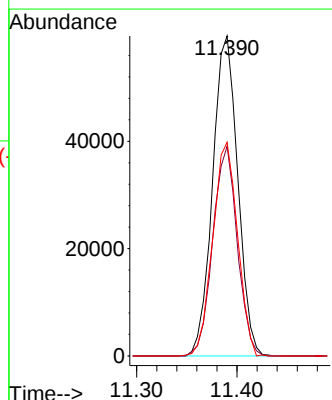
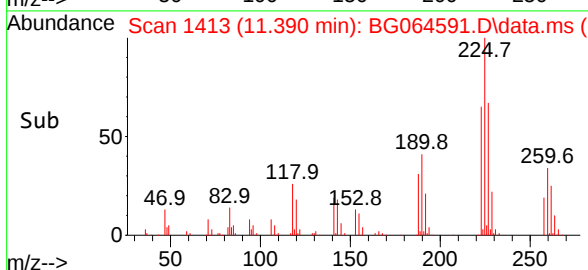
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

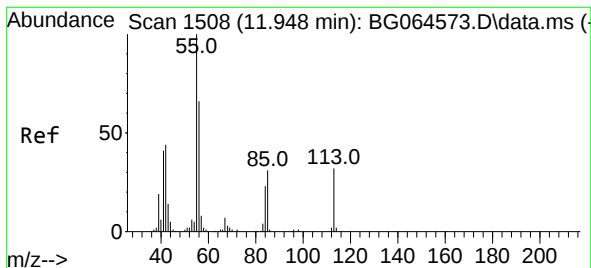


#34
Hexachlorobutadiene
Concen: 47.273 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



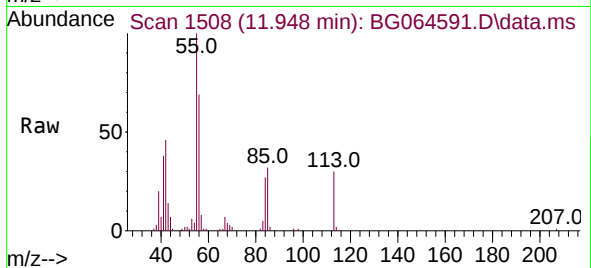
Tgt Ion:225 Resp: 103827
Ion Ratio Lower Upper
225 100
223 68.2 48.8 73.2
227 66.7 49.5 74.3





#35
Caprolactam
Concen: 45.101 ng m
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

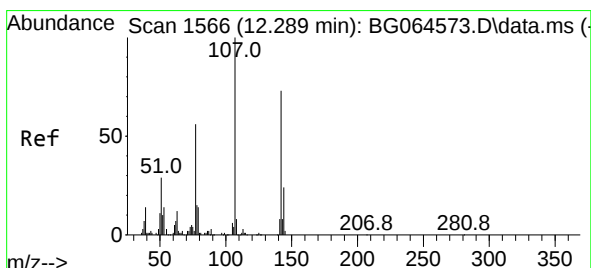
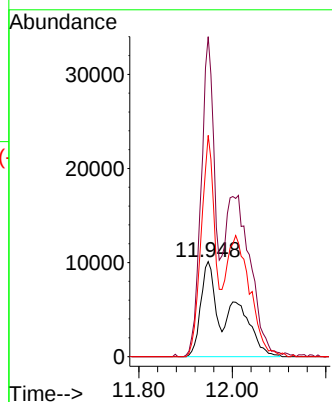
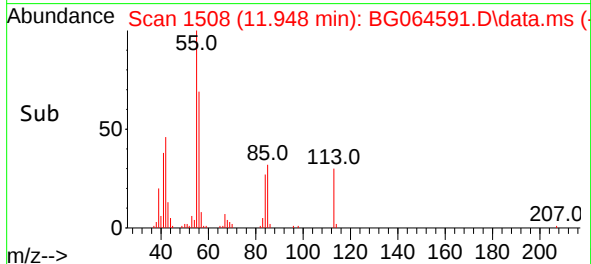
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:113 Resp: 42756
Ion Ratio Lower Upper
113 100
55 337.1 290.1 330.1
56 233.1 183.8 223.8

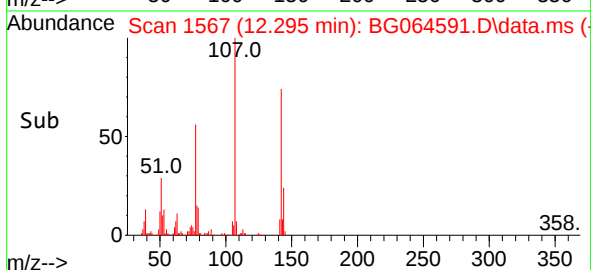
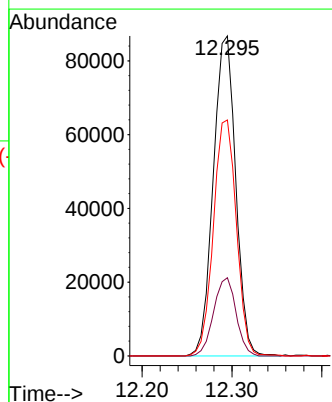
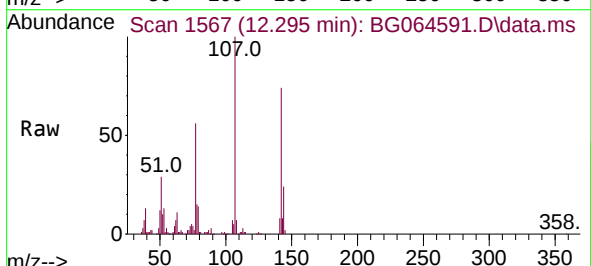
Manual Integrations
APPROVED

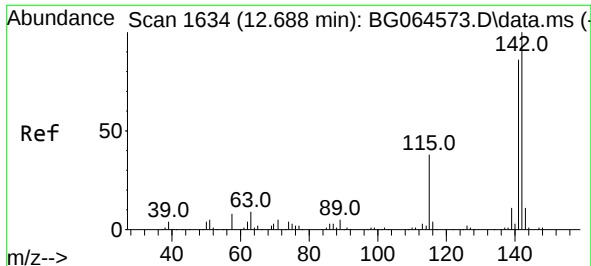
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 50.740 ng
RT: 12.295 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

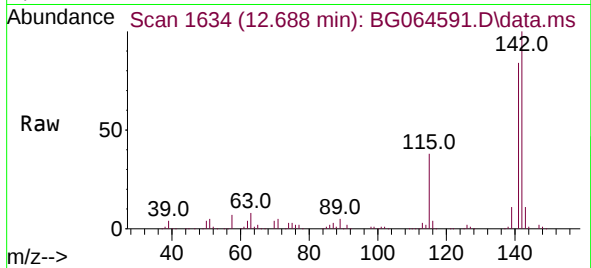
Tgt Ion:107 Resp: 150753
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 73.7 58.6 87.8





#37
2-Methylnaphthalene
Concen: 44.177 ng
RT: 12.688 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

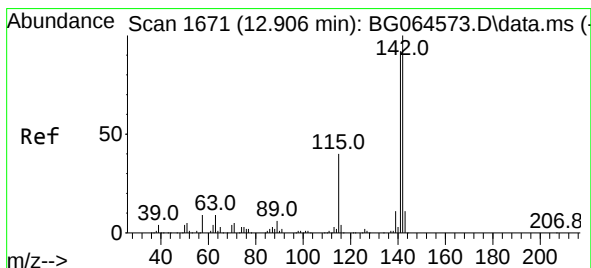
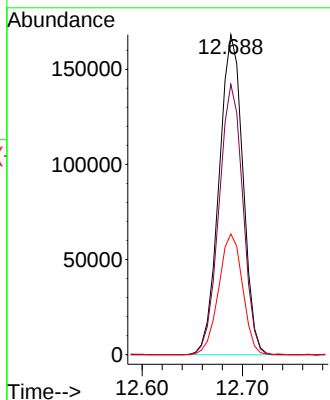
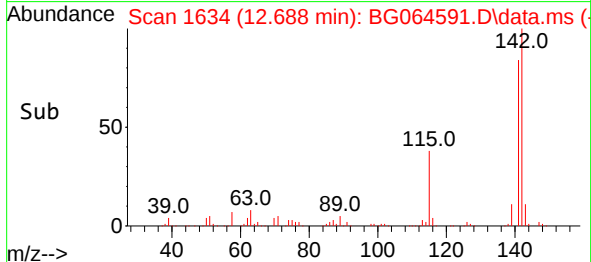
Instrument :
BNA_G
ClientSampleId :
TP-10MS



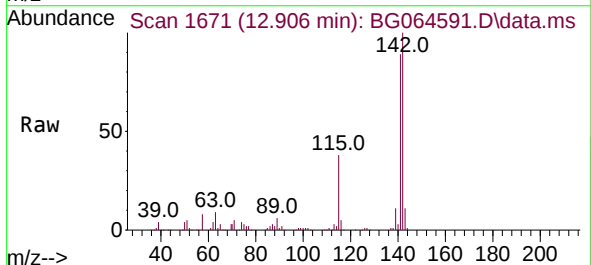
Tgt Ion:142 Resp: 277925
Ion Ratio Lower Upper
142 100
141 84.5 68.9 103.3
115 37.7 30.6 46.0

Manual Integrations
APPROVED

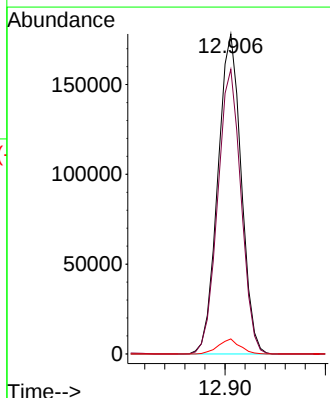
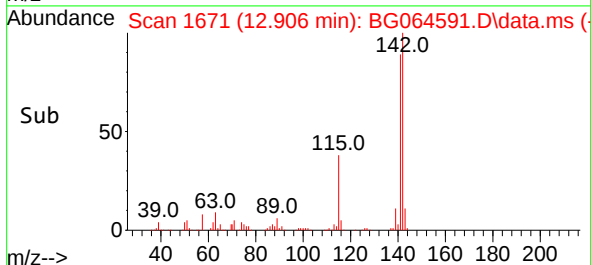
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

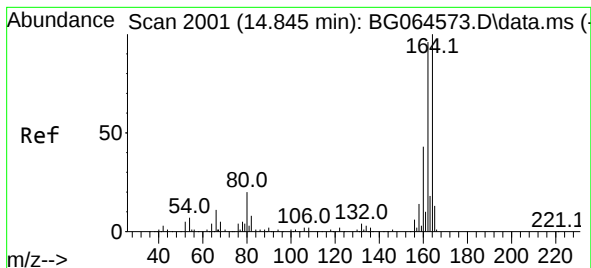


#38
1-Methylnaphthalene
Concen: 46.349 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



Tgt Ion:142 Resp: 288664
Ion Ratio Lower Upper
142 100
141 88.9 73.3 109.9
116 4.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

TP-10MS

Tgt Ion:164 Resp: 11886

Ion Ratio Lower Upper

164 100

162 101.6 77.0 115.6

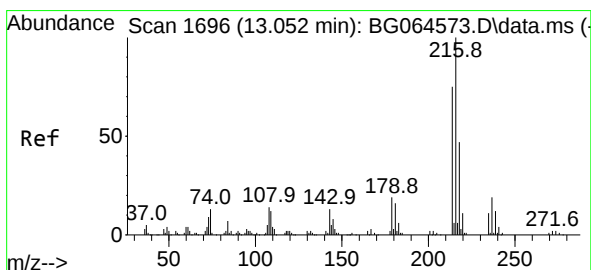
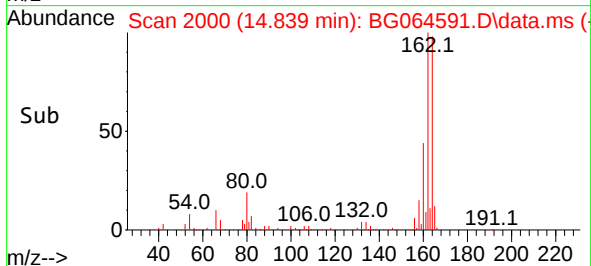
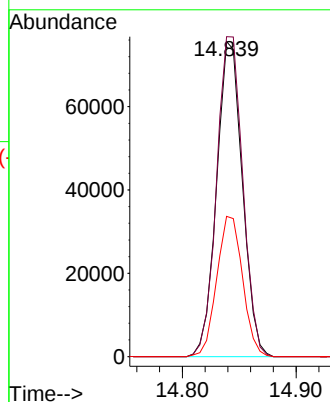
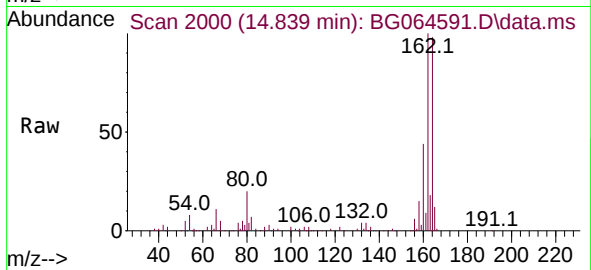
160 44.5 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.197 ng

RT: 13.053 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

Tgt Ion:216 Resp: 216203

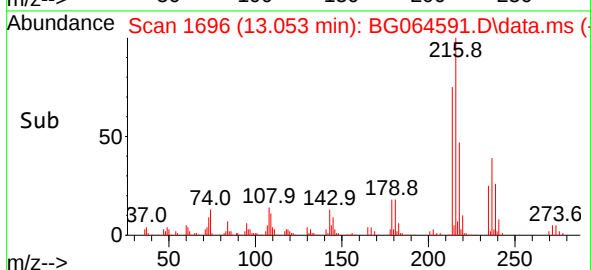
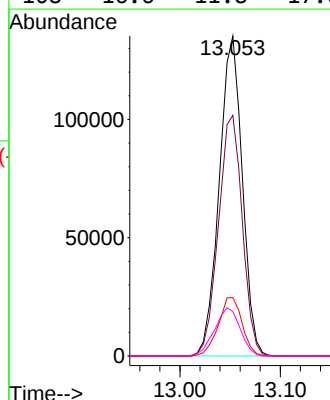
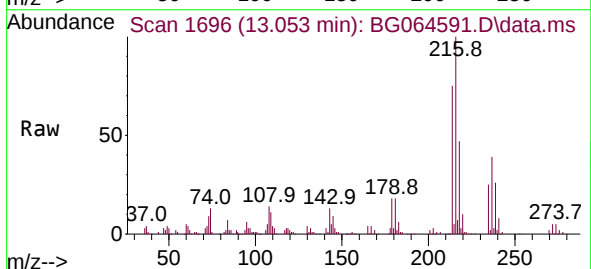
Ion Ratio Lower Upper

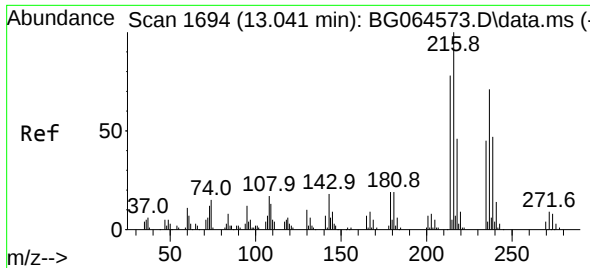
216 100

214 77.7 61.4 92.2

179 18.9 15.4 23.0

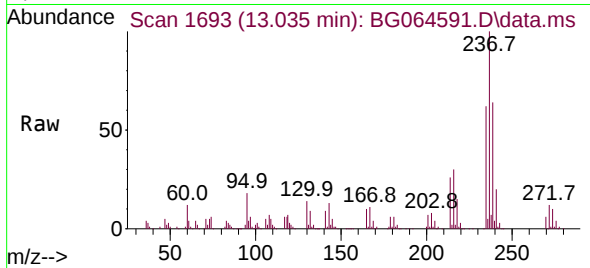
108 16.6 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 136.273 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

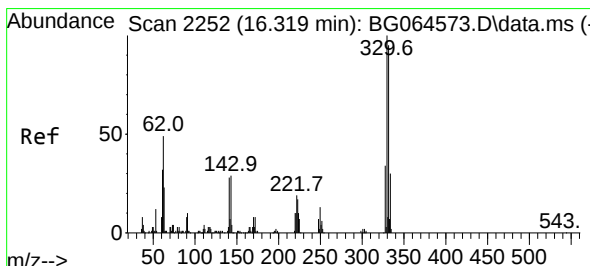
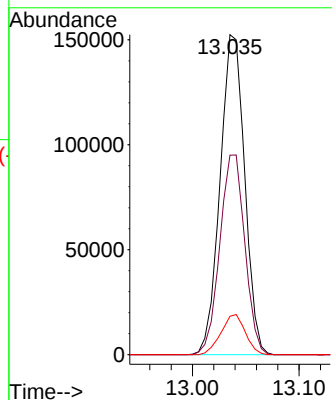
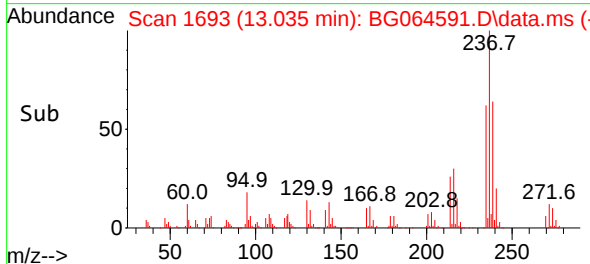
Instrument :
BNA_G
ClientSampleId :
TP-10MS



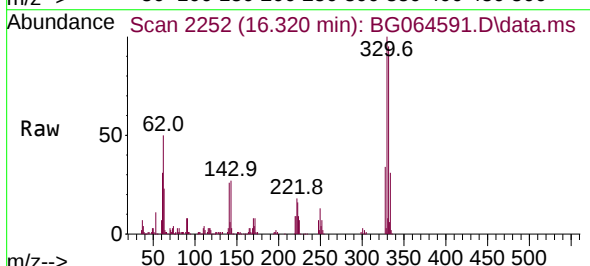
Tgt Ion:237 Resp: 244687
Ion Ratio Lower Upper
237 100
235 62.3 44.1 84.1
272 12.0 0.0 32.4

Manual Integrations
APPROVED

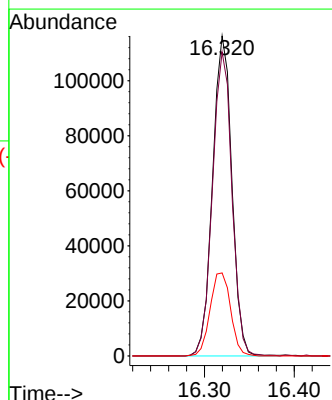
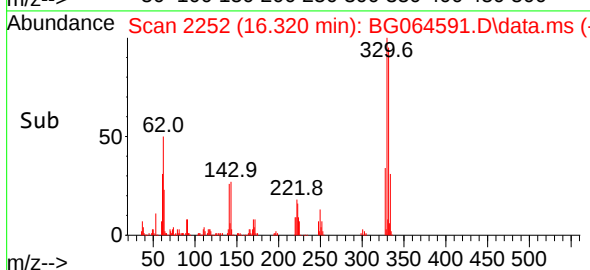
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

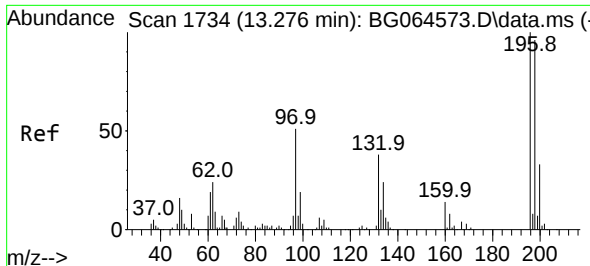


#42
2,4,6-Tribromophenol
Concen: 101.108 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



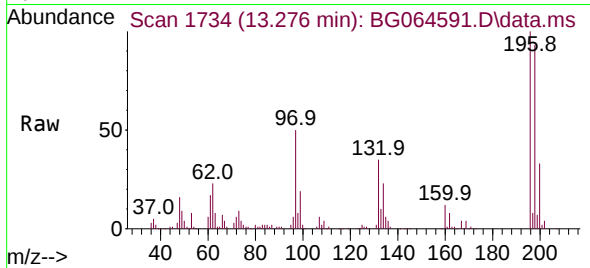
Tgt Ion:330 Resp: 173458
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.6 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 55.528 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

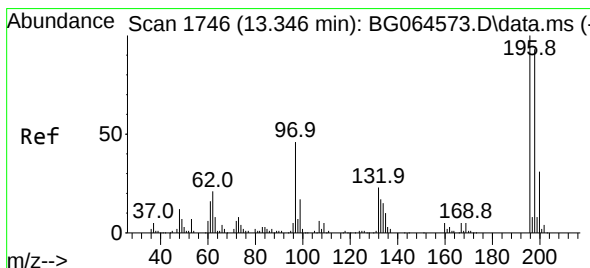
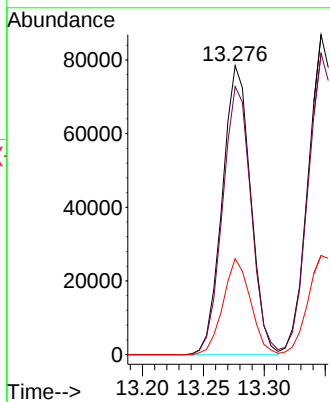
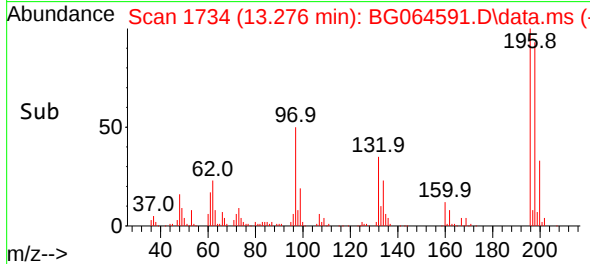
Instrument :
BNA_G
ClientSampleId :
TP-10MS



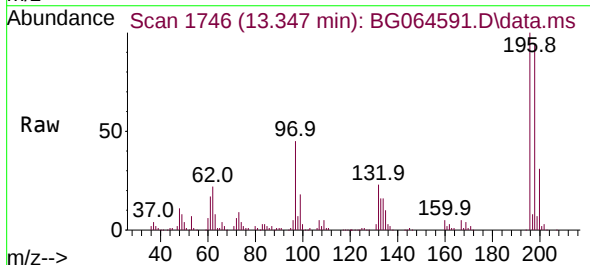
Tgt Ion:196 Resp: 126708
Ion Ratio Lower Upper
196 100
198 92.7 76.6 115.0
200 33.2 26.0 39.0

Manual Integrations
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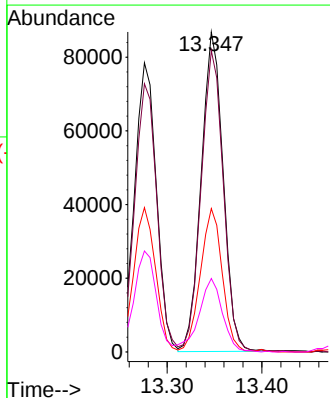
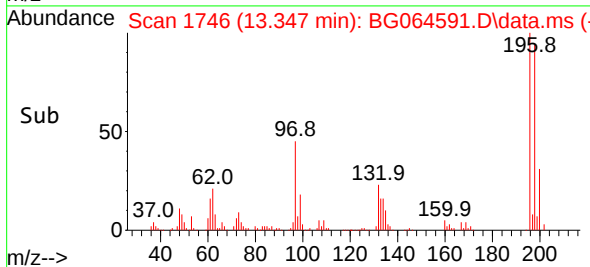
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

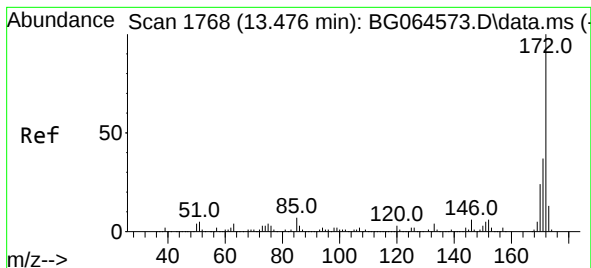


#44
2,4,5-Trichlorophenol
Concen: 53.102 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



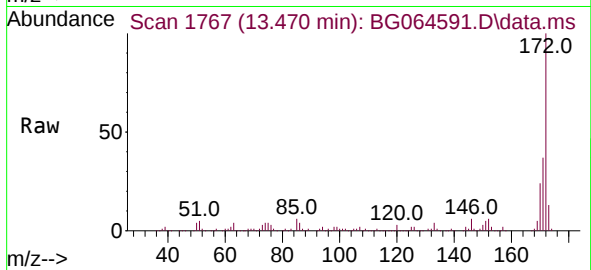
Tgt Ion:196 Resp: 139830
Ion Ratio Lower Upper
196 100
198 94.1 74.2 111.4
97 44.8 37.0 55.6
132 22.9 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 61.005 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

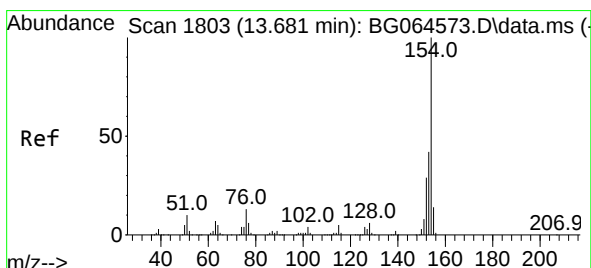
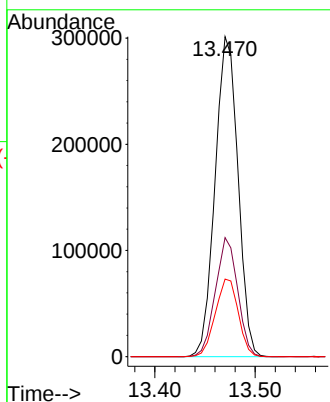
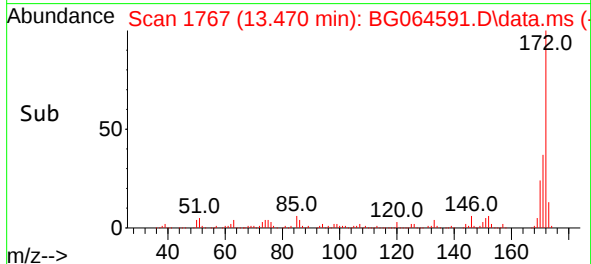
Instrument :
BNA_G
ClientSampleId :
TP-10MS



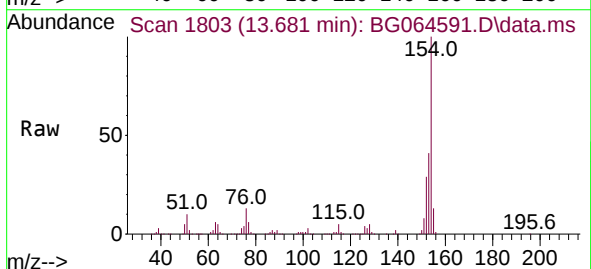
Tgt Ion:172 Resp: 478406
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.2 19.1 28.7

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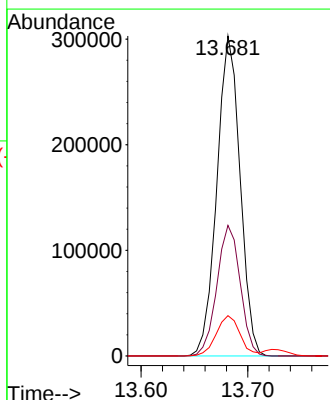
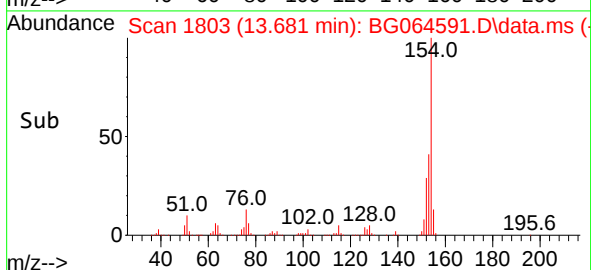
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

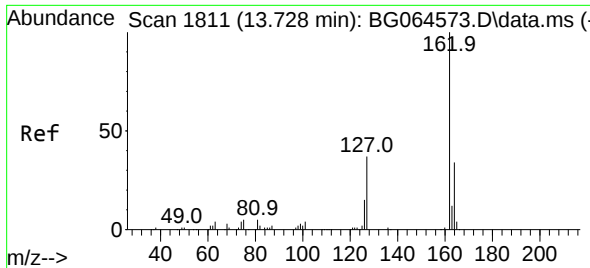


#46
1,1'-Biphenyl
Concen: 54.315 ng
RT: 13.681 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



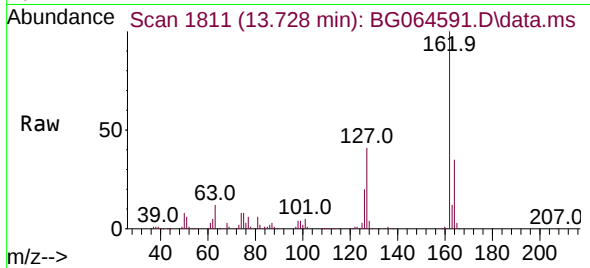
Tgt Ion:154 Resp: 458987
Ion Ratio Lower Upper
154 100
153 40.8 22.4 62.4
76 12.6 0.0 33.5





#47
2-Chloronaphthalene
Concen: 48.704 ng
RT: 13.728 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

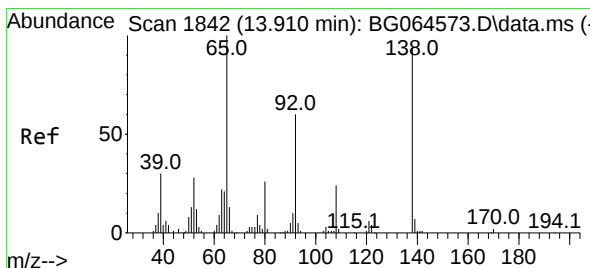
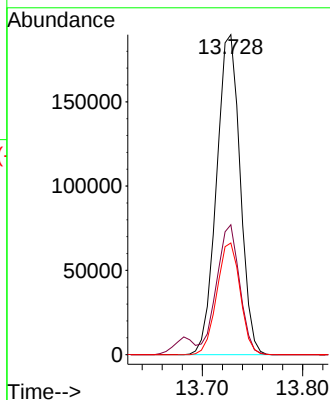
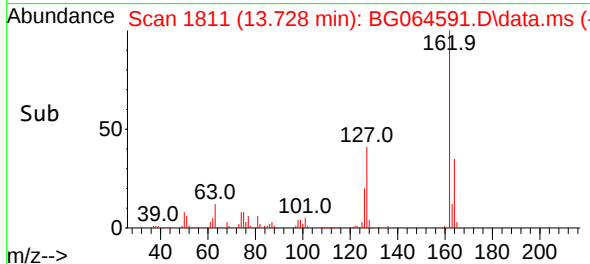
Instrument :
BNA_G
ClientSampleId :
TP-10MS



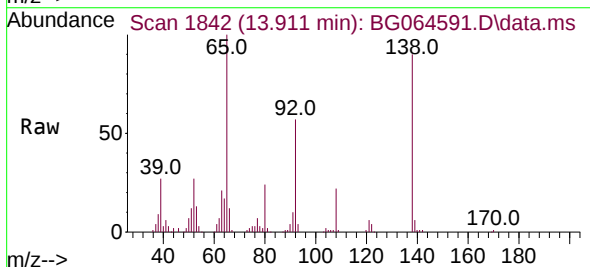
Tgt Ion:162 Resp: 31066
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.2
164 34.9 27.5 41.3

Manual Integrations
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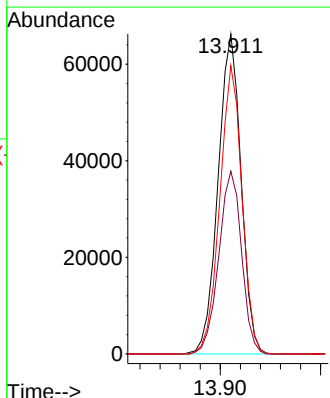
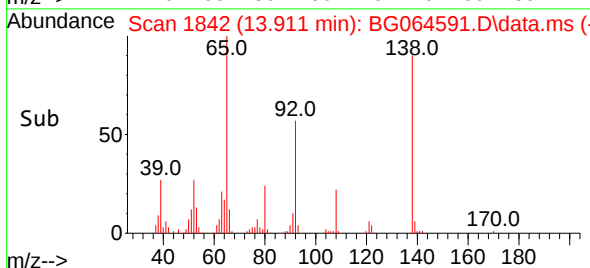
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

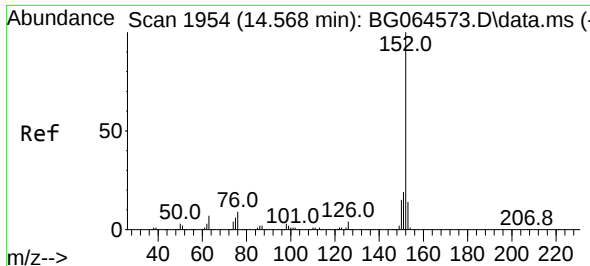


#48
2-Nitroaniline
Concen: 49.067 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



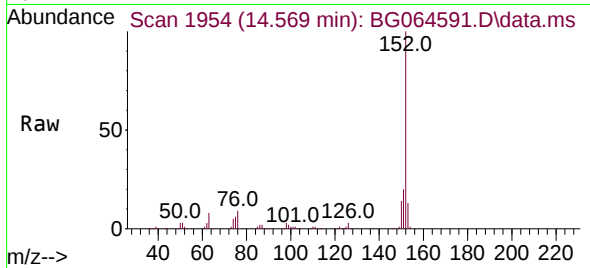
Tgt Ion: 65 Resp: 105234
Ion Ratio Lower Upper
65 100
92 57.1 48.3 72.5
138 90.1 74.9 112.3





#49
Acenaphthylene
Concen: 55.662 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

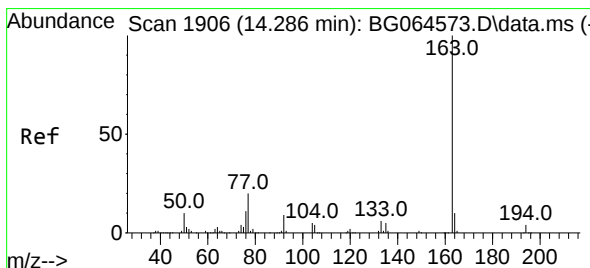
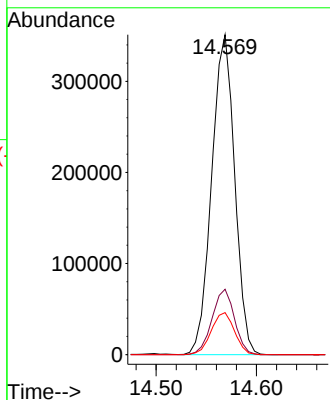
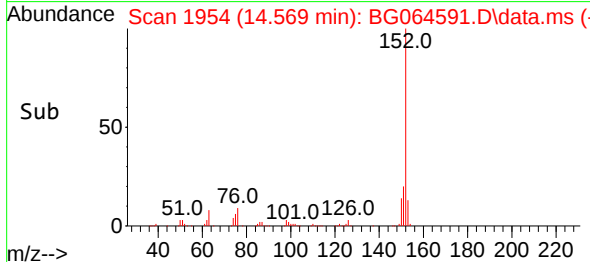
Instrument :
BNA_G
ClientSampleId :
TP-10MS



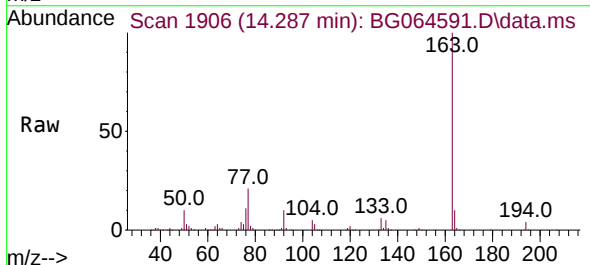
Tgt Ion:152 Resp: 560025
Ion Ratio Lower Upper
152 100
151 20.4 15.4 23.2
153 13.1 11.0 16.4

Manual Integrations
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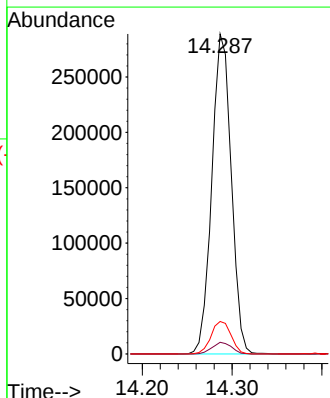
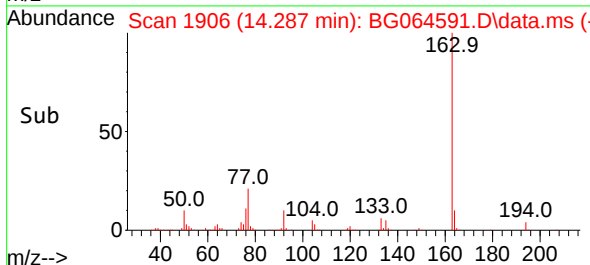
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

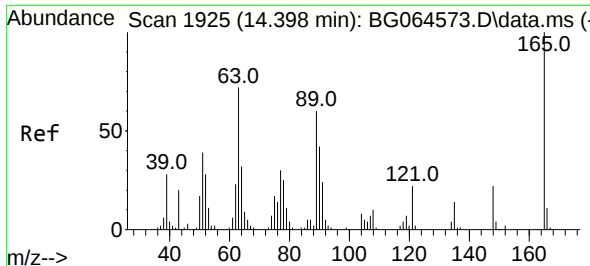


#50
Dimethylphthalate
Concen: 47.829 ng
RT: 14.287 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



Tgt Ion:163 Resp: 435033
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.2 7.7 11.5





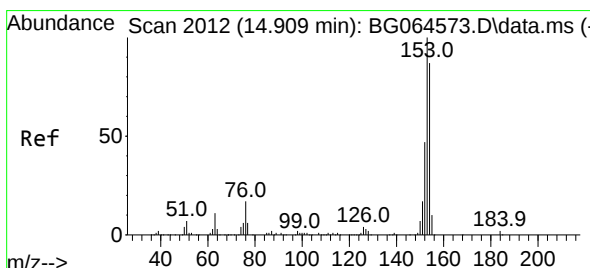
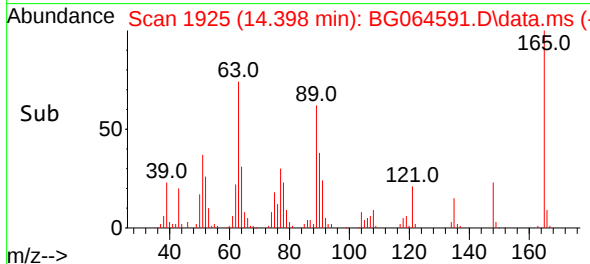
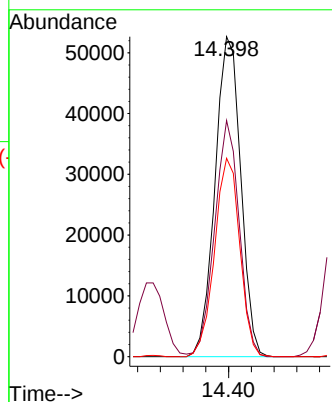
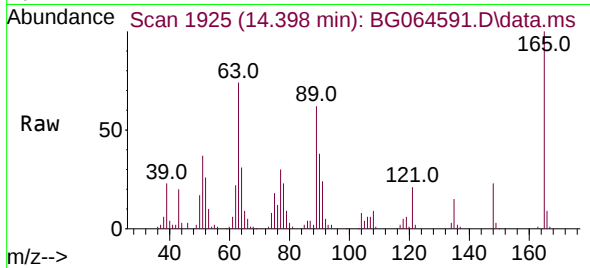
#51
2,6-Dinitrotoluene
Concen: 54.626 ng
RT: 14.398 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Tgt Ion:165 Resp: 82691
Ion Ratio Lower Upper
165 100
63 73.8 57.4 86.0
89 62.0 47.8 71.8

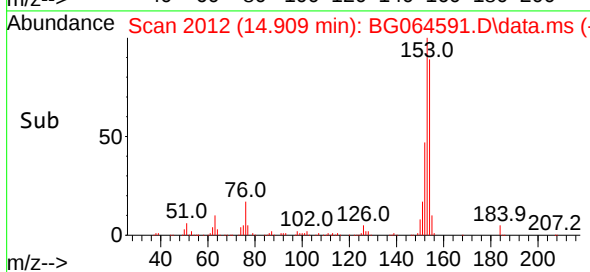
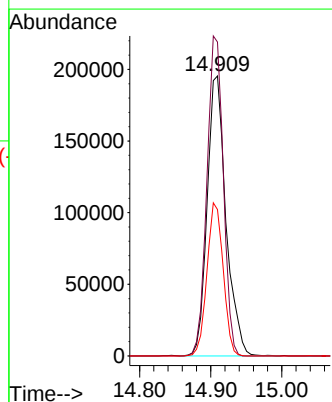
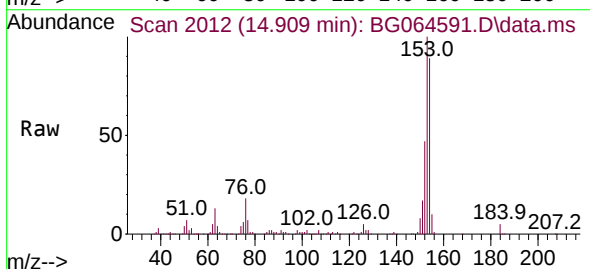
Manual Integrations
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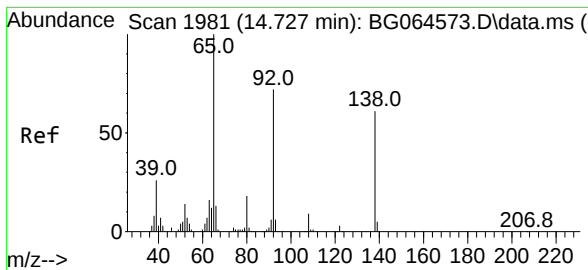
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 52.204 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

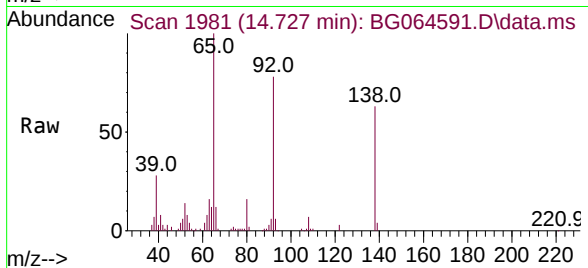
Tgt Ion:154 Resp: 358851
Ion Ratio Lower Upper
154 100
153 112.1 92.2 138.4
152 52.3 43.2 64.8





#53
3-Nitroaniline
Concen: 26.928 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

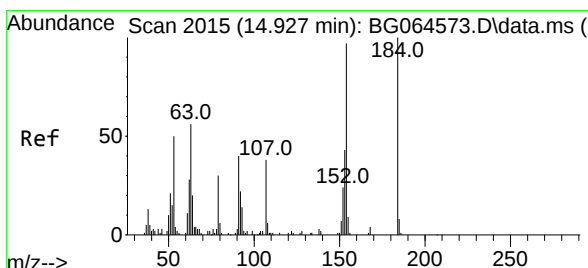
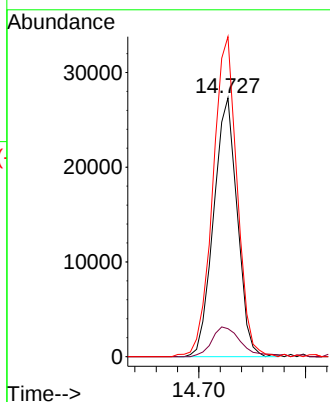
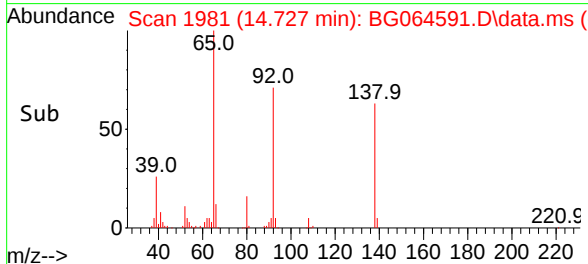
Instrument :
BNA_G
ClientSampleId :
TP-10MS



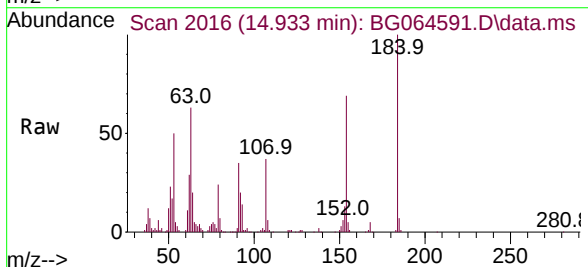
Tgt Ion:138 Resp: 42092
Ion Ratio Lower Upper
138 100
108 10.8 11.4 17.0
92 123.7 95.3 142.9

Manual Integrations
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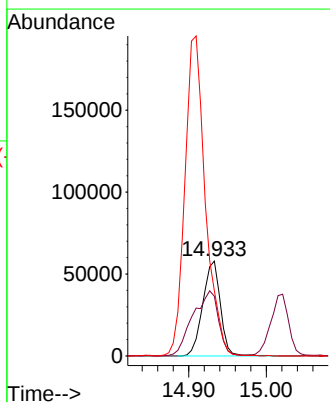
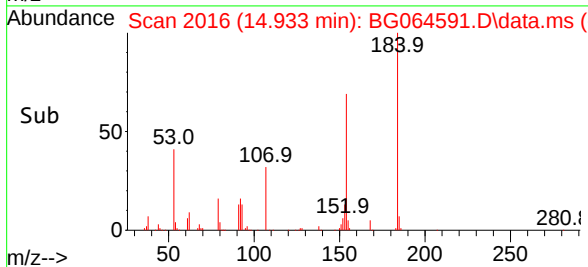
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

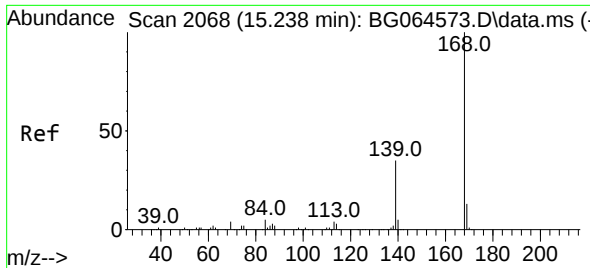


#54
2,4-Dinitrophenol
Concen: 97.430 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



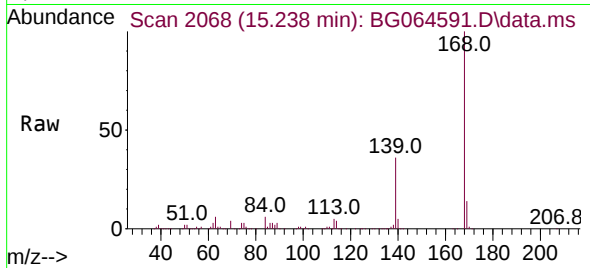
Tgt Ion:184 Resp: 90927
Ion Ratio Lower Upper
184 100
63 62.9 56.6 85.0
154 68.6 158.6 238.0#





#55
Dibenzenofuran
Concen: 48.413 ng
RT: 15.238 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

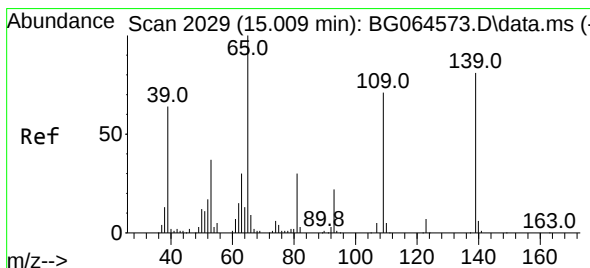
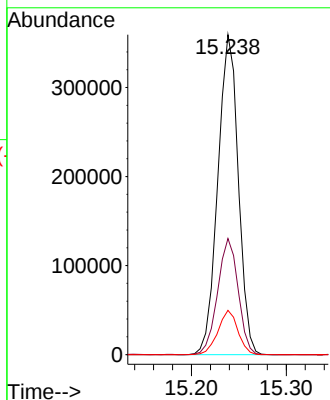
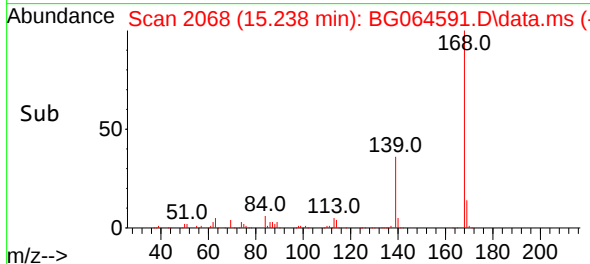
Instrument :
BNA_G
ClientSampleId :
TP-10MS



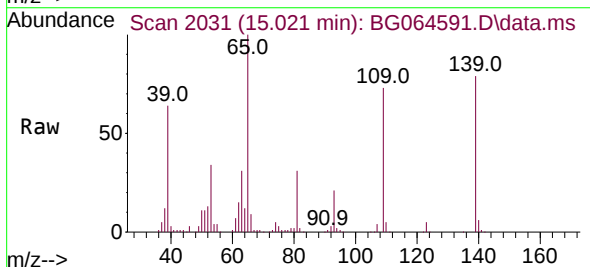
Tgt Ion:168 Resp: 538020
Ion Ratio Lower Upper
168 100
139 36.3 27.8 41.8
169 13.8 10.3 15.5

Manual Integrations
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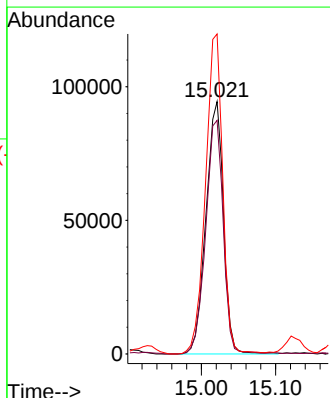
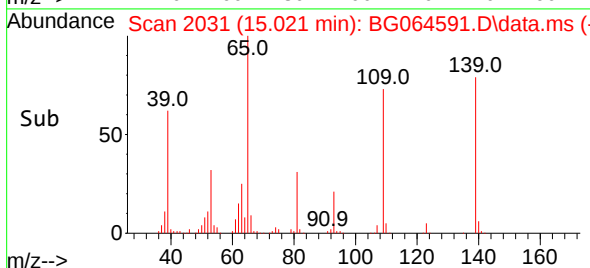
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

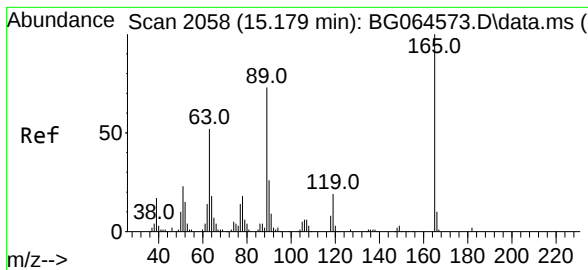


#56
4-Nitrophenol
Concen: 106.812 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



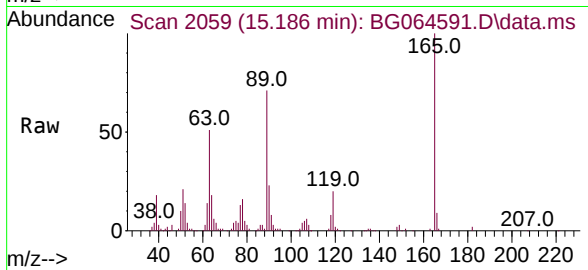
Tgt Ion:139 Resp: 154795
Ion Ratio Lower Upper
139 100
109 92.5 67.8 107.8
65 126.8 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 50.860 ng
RT: 15.186 min Scan# 2058
Delta R.T. 0.007 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

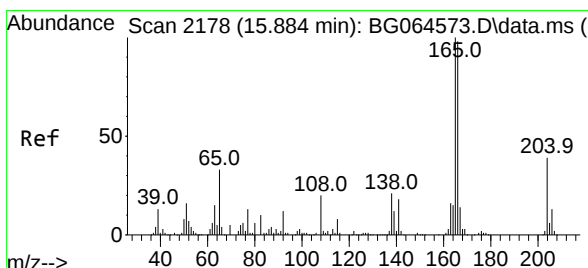
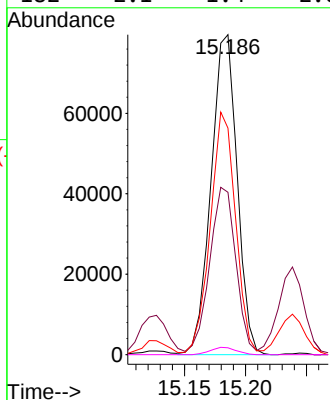
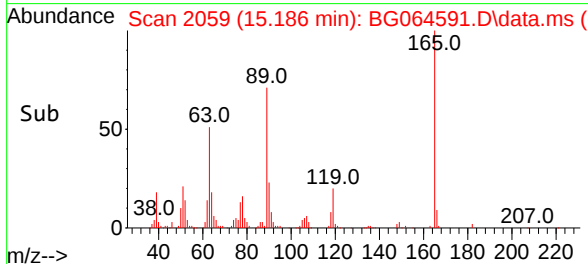
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:165 Resp: 118466
Ion Ratio Lower Upper
165 100
63 50.7 41.8 62.8
89 70.8 58.1 87.1
182 2.1 1.4 2.0#

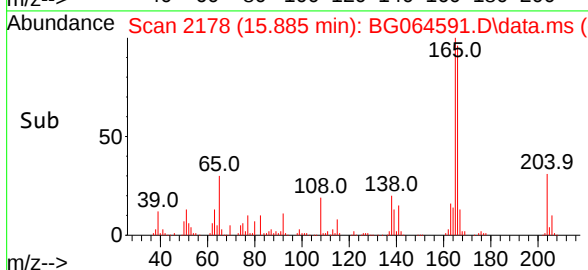
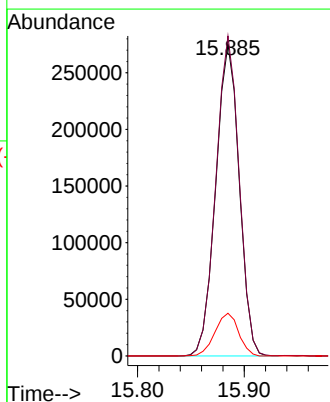
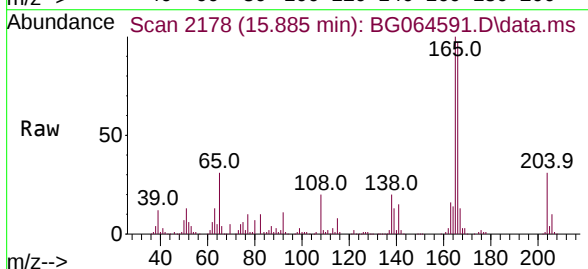
Manual Integrations
APPROVED

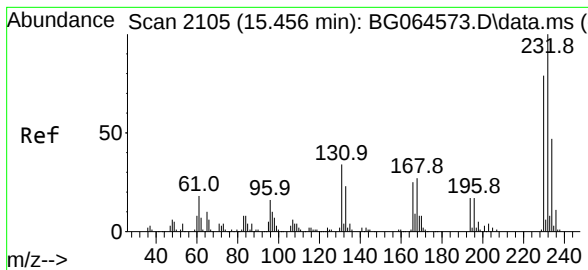
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 48.608 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

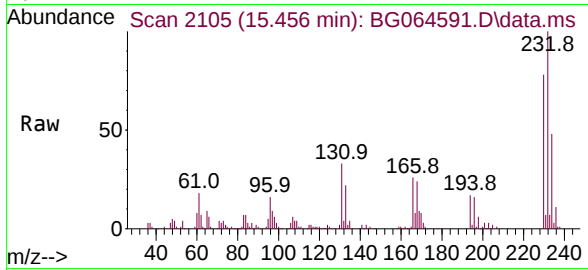
Tgt Ion:166 Resp: 421871
Ion Ratio Lower Upper
166 100
165 102.7 81.5 122.3
167 13.7 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.146 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

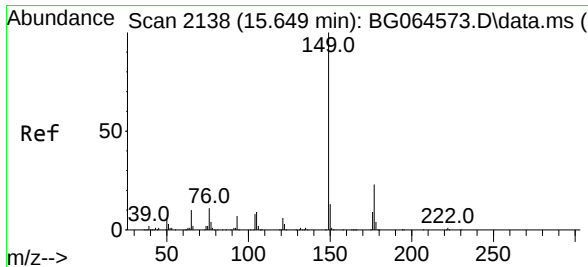
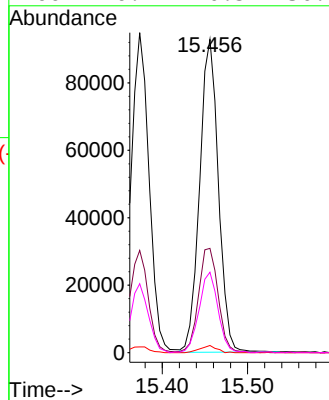
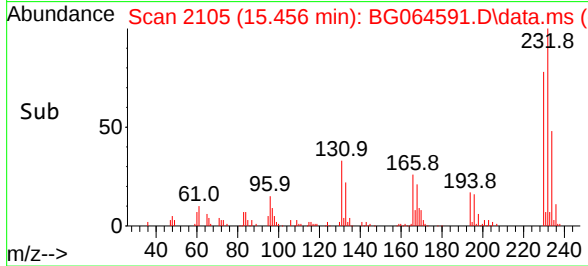
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:232 Resp: 141378
Ion Ratio Lower Upper
232 100
131 35.1 26.7 40.1
130 2.0 1.6 2.4
166 26.1 20.5 30.7

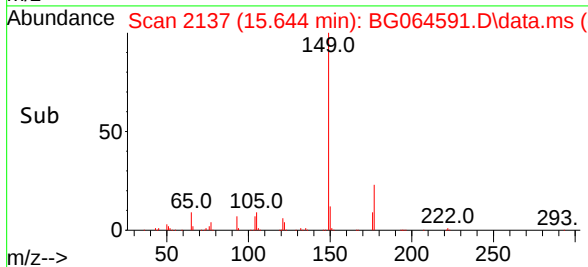
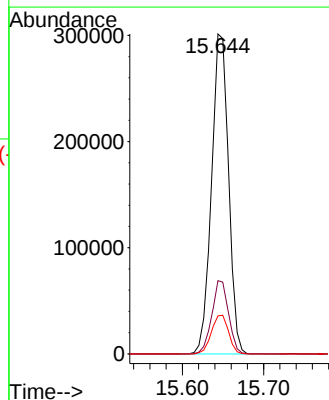
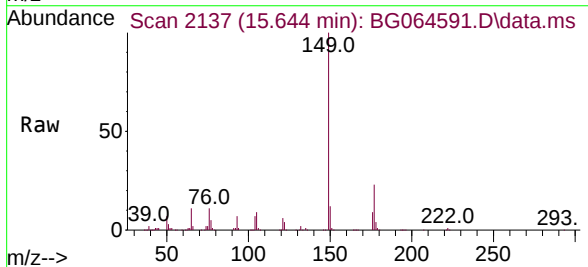
Manual Integrations
APPROVED

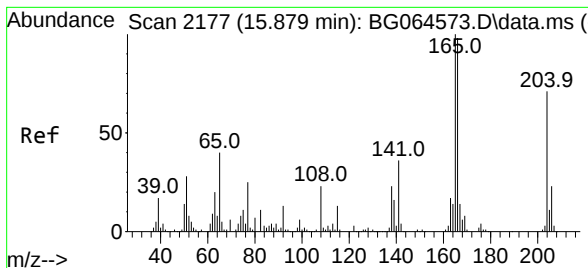
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 47.174 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

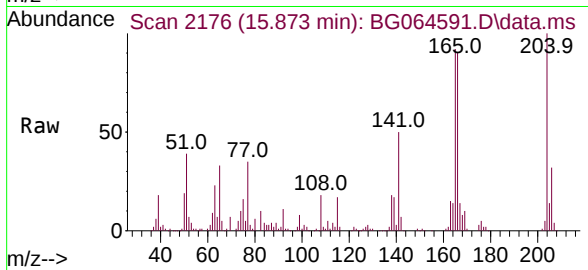
Tgt Ion:149 Resp: 438111
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 48.149 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

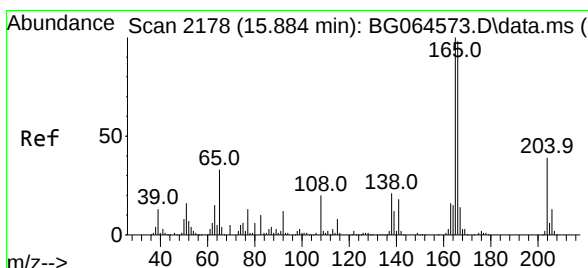
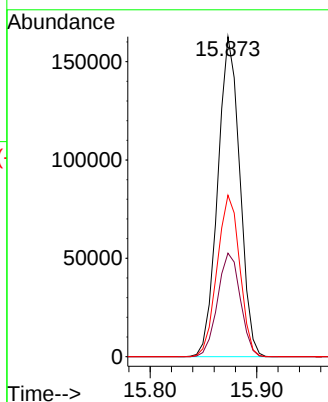
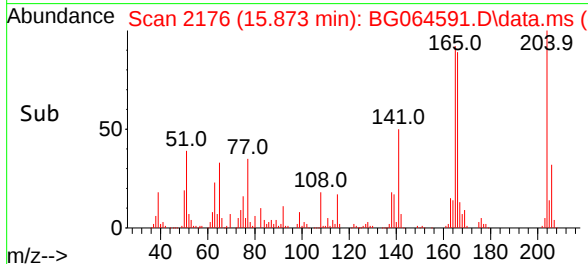
Instrument :
BNA_G
ClientSampleId :
TP-10MS



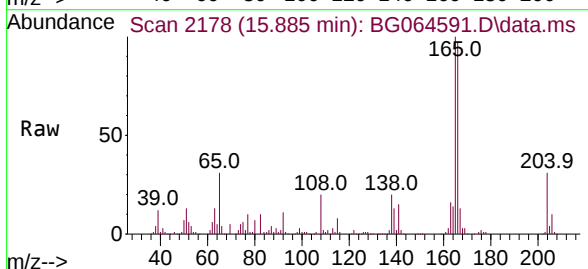
Tgt Ion:204 Resp: 234514
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 50.4 40.6 60.8

Manual Integrations
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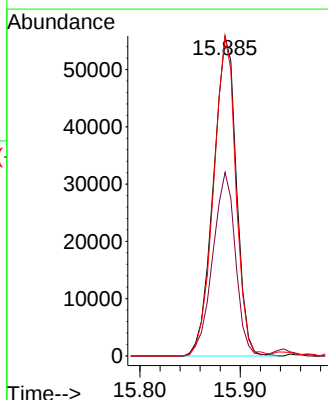
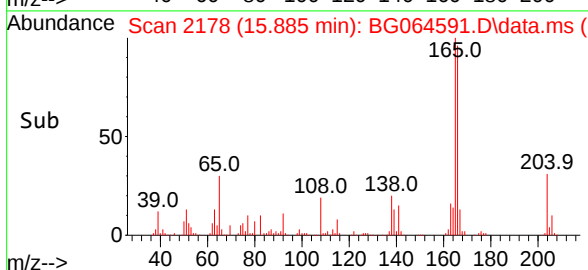
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

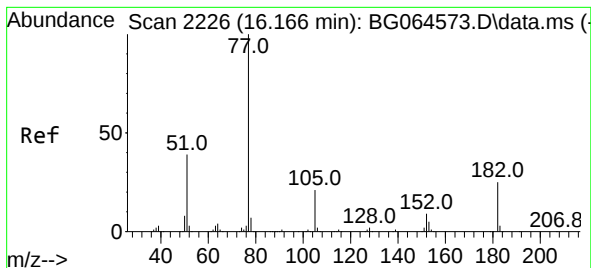


#62
4-Nitroaniline
Concen: 50.993 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



Tgt Ion:138 Resp: 88677
Ion Ratio Lower Upper
138 100
92 57.4 36.1 76.1
108 100.2 75.6 115.6





#63

Azobenzene

Concen: 53.529 ng

RT: 16.167 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

TP-10MS

Tgt Ion: 77 Resp: 456132

Ion Ratio Lower Upper

77 100

182 26.1 4.9 44.9

105 21.3 1.3 41.3

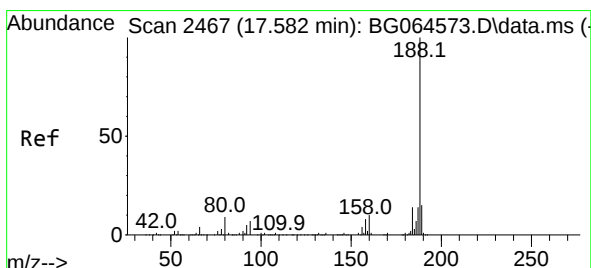
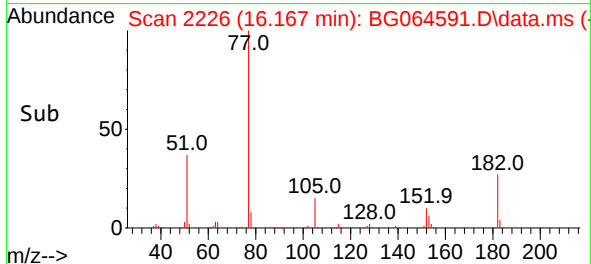
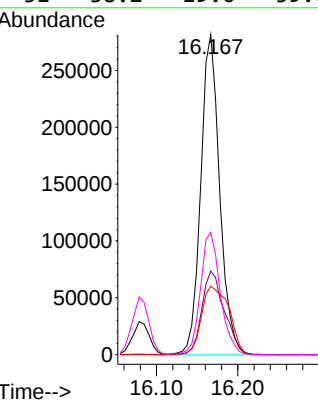
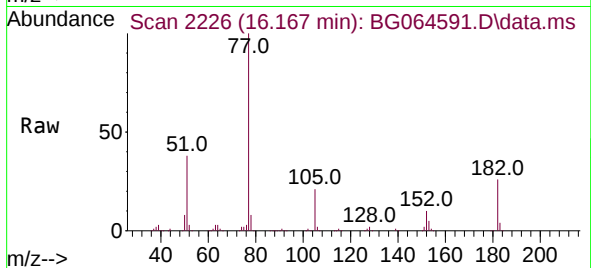
51 38.2 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

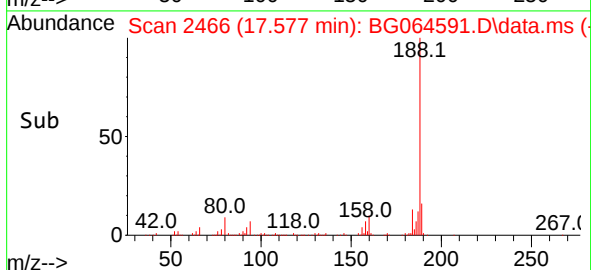
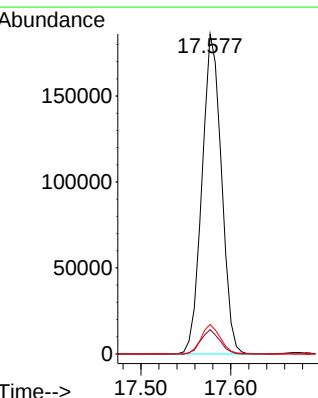
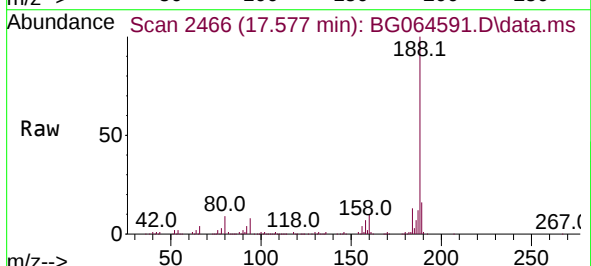
Tgt Ion:188 Resp: 281370

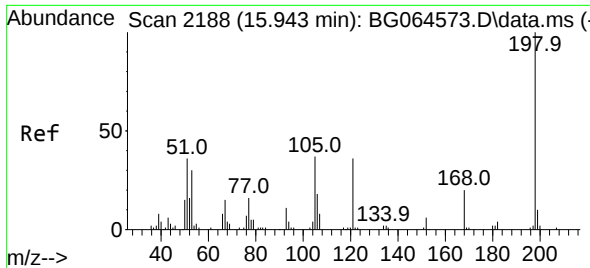
Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

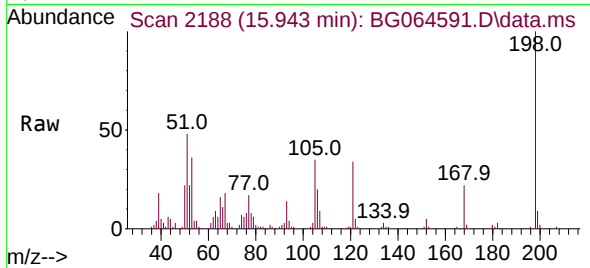
80 9.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.557 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

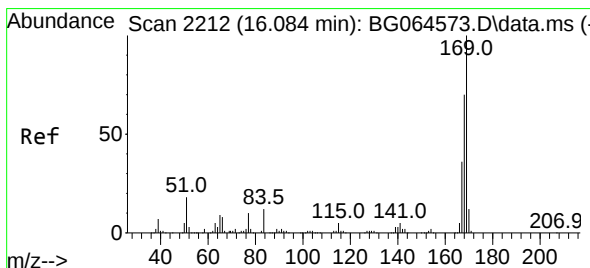
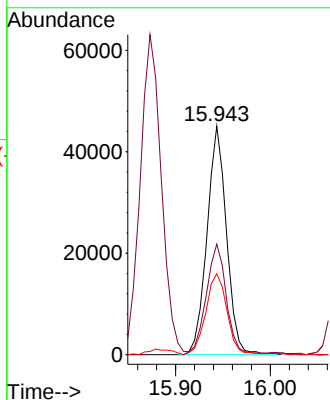
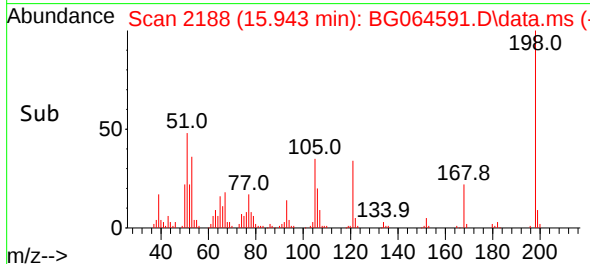
Instrument :
BNA_G
ClientSampleId :
TP-10MS



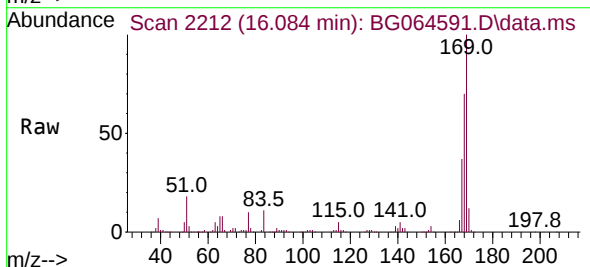
Tgt Ion:198 Resp: 64395
Ion Ratio Lower Upper
198 100
51 48.3 24.7 64.7
105 35.4 18.0 58.0

Manual Integrations
APPROVED

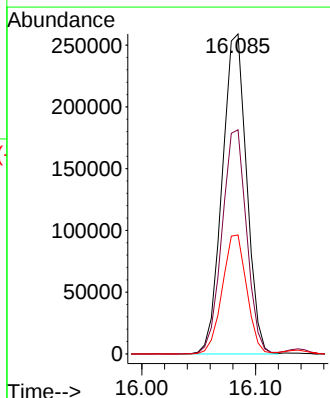
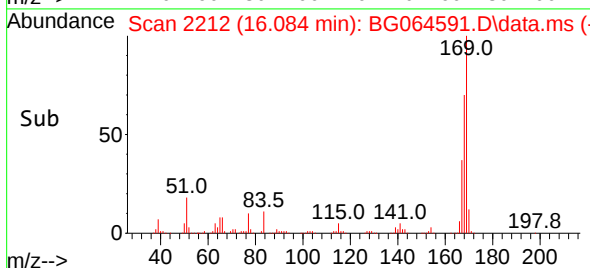
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

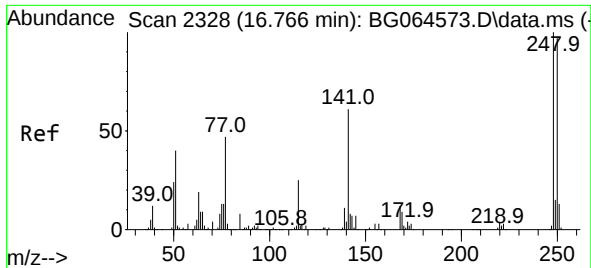


#66
n-Nitrosodiphenylamine
Concen: 50.908 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



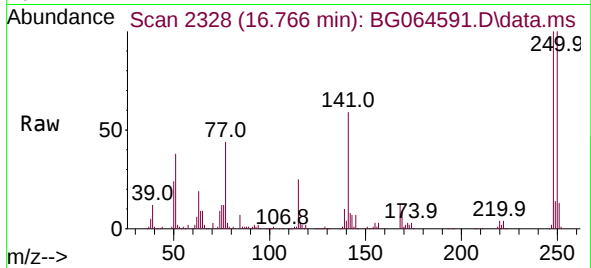
Tgt Ion:169 Resp: 386929
Ion Ratio Lower Upper
169 100
168 70.0 56.3 84.5
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.235 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

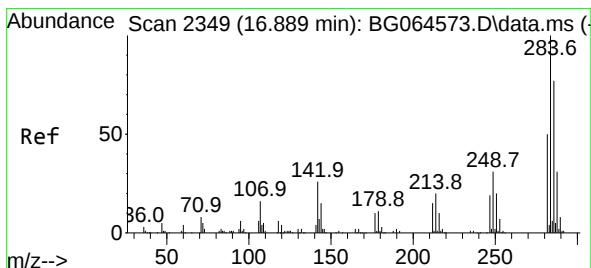
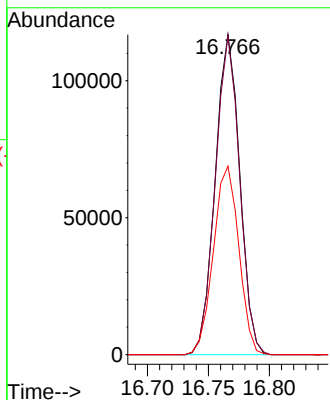
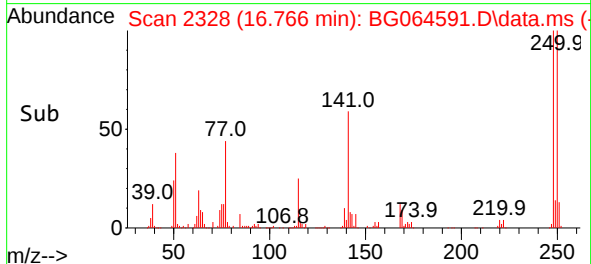
Instrument :
BNA_G
ClientSampleId :
TP-10MS



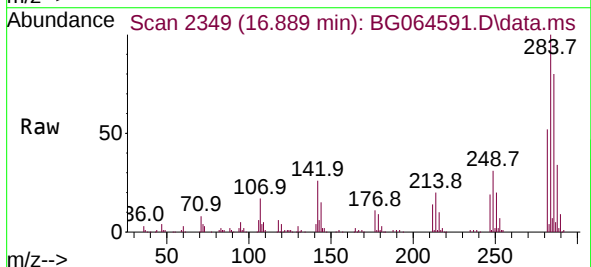
Tgt Ion:248 Resp: 164166
Ion Ratio Lower Upper
248 100
250 99.5 77.7 116.5
141 58.9 48.6 72.8

Manual Integrations
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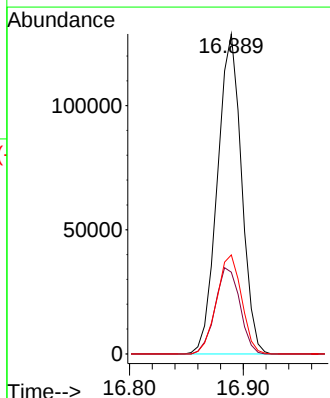
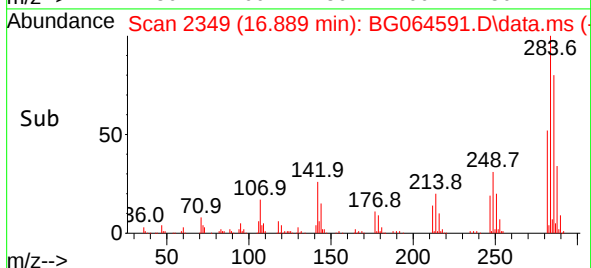
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

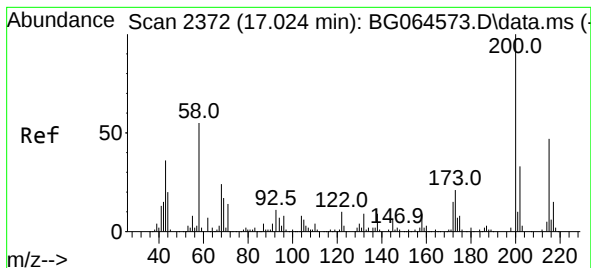


#68
Hexachlorobenzene
Concen: 49.771 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



Tgt Ion:284 Resp: 189325
Ion Ratio Lower Upper
284 100
142 25.5 21.0 31.6
249 30.9 24.9 37.3





#69

Atrazine

Concen: 50.404 ng

RT: 17.025 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

TP-10MS

Tgt Ion:200 Resp: 164862

Ion Ratio Lower Upper

200 100

173 23.7 0.9 40.9

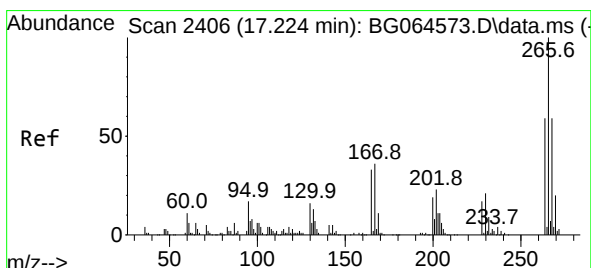
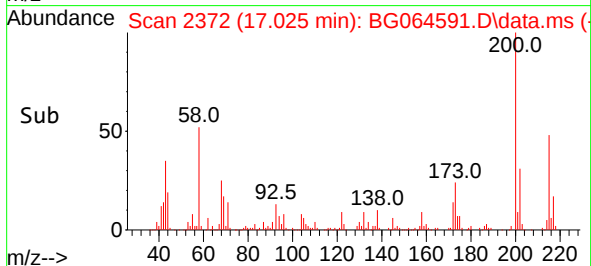
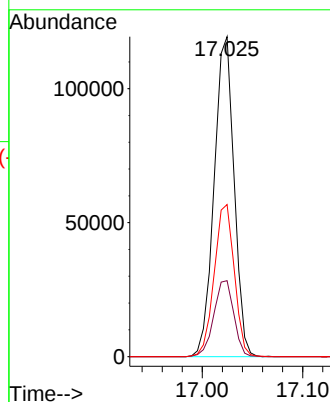
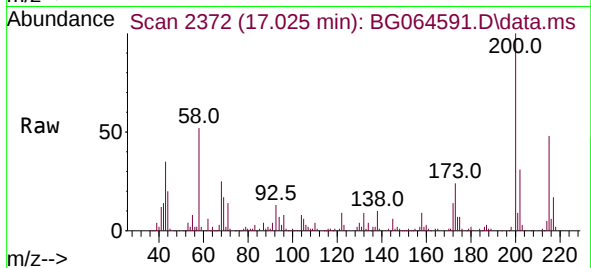
215 47.5 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 106.431 ng

RT: 17.224 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

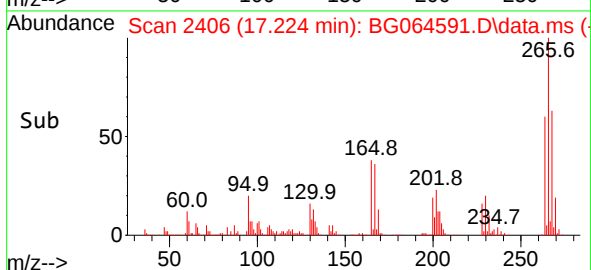
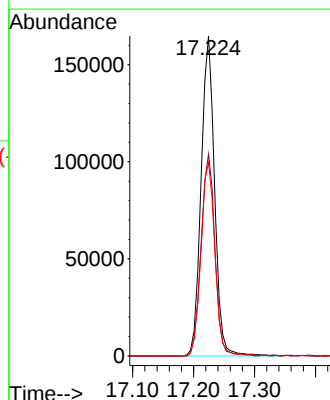
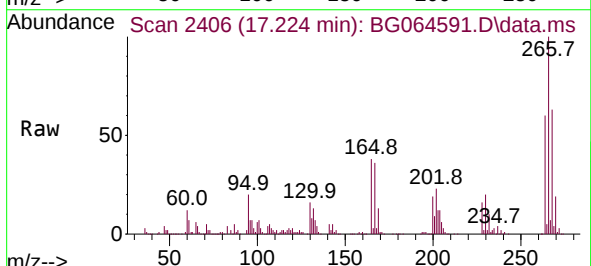
Tgt Ion:266 Resp: 252462

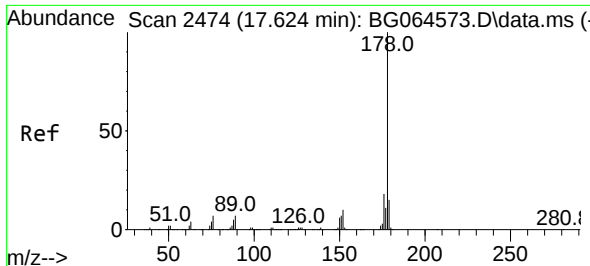
Ion Ratio Lower Upper

266 100

268 67.3 50.3 75.5

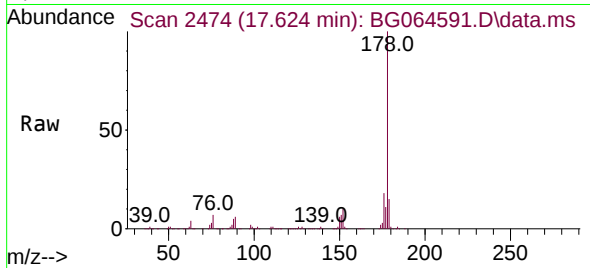
264 65.4 47.3 70.9





#71
Phenanthrene
Concen: 49.011 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

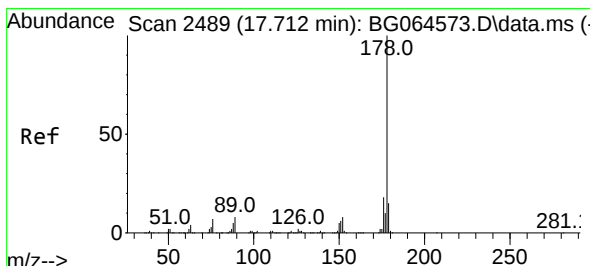
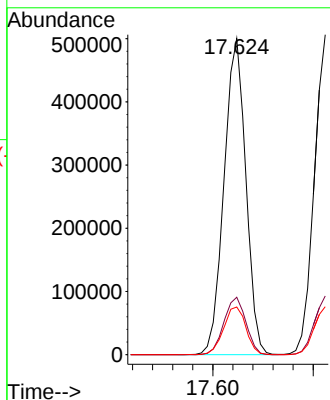
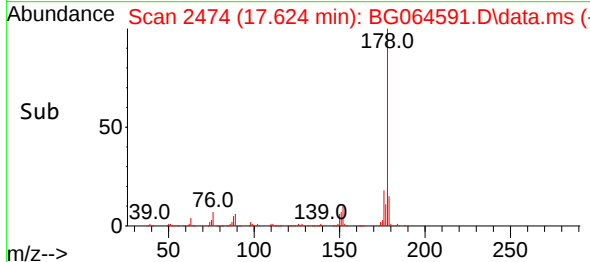
Instrument :
BNA_G
ClientSampleId :
TP-10MS



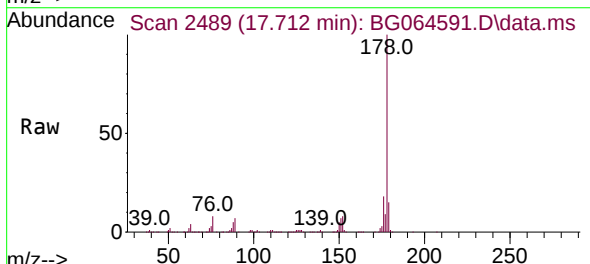
Tgt Ion:178 Resp: 754132
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.0 12.2 18.4

Manual Integrations
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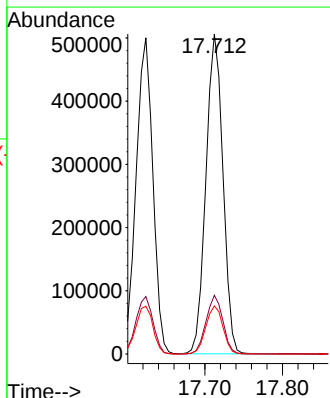
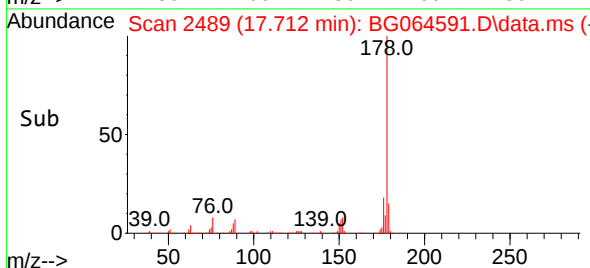
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

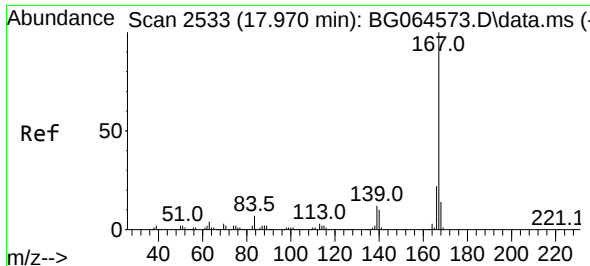


#72
Anthracene
Concen: 49.248 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



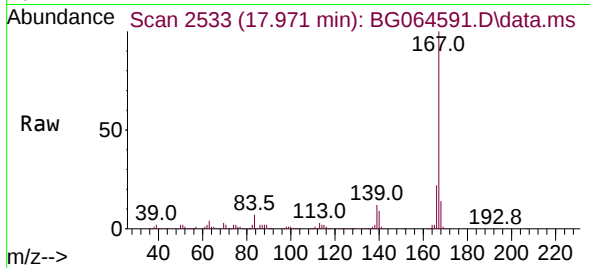
Tgt Ion:178 Resp: 770848
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.0 12.4 18.6





#73
 Carbazole
 Concen: 48.526 ng
 RT: 17.971 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

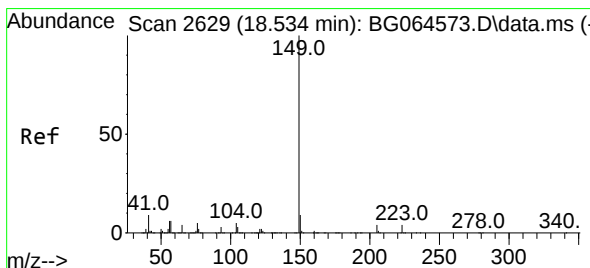
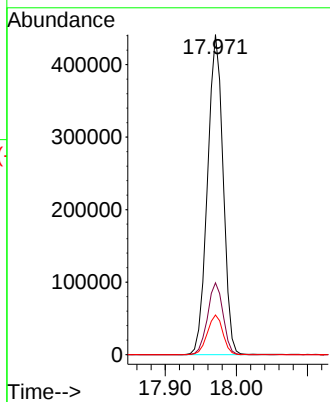
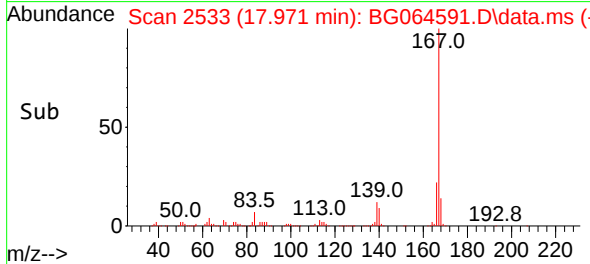
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MS



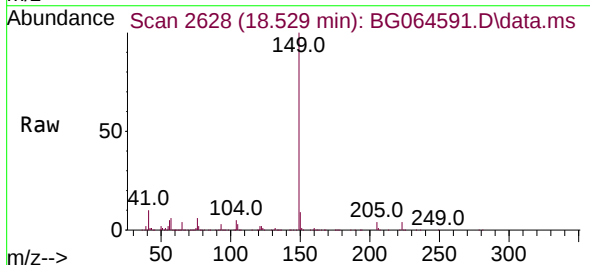
Tgt Ion:167 Resp: 669776
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 12.4 9.7 14.5

Manual Integrations
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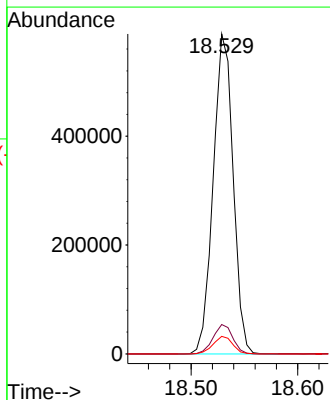
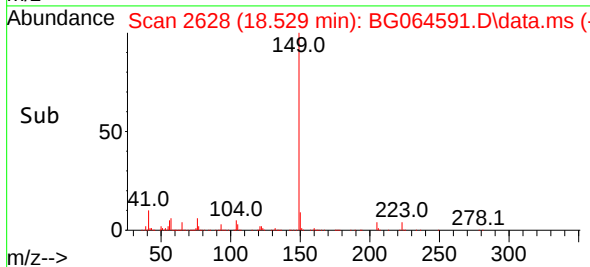
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

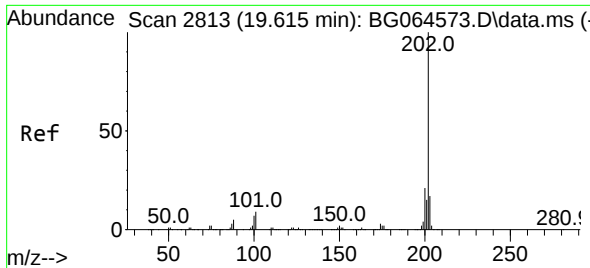


#74
 Di-n-butylphthalate
 Concen: 47.839 ng
 RT: 18.529 min Scan# 2628
 Delta R.T. -0.006 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25



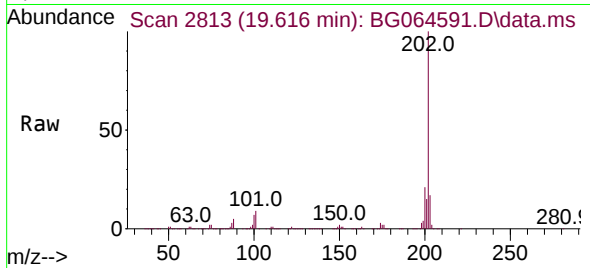
Tgt Ion:149 Resp: 763539
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 47.105 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

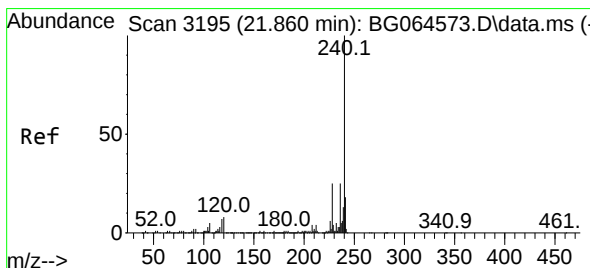
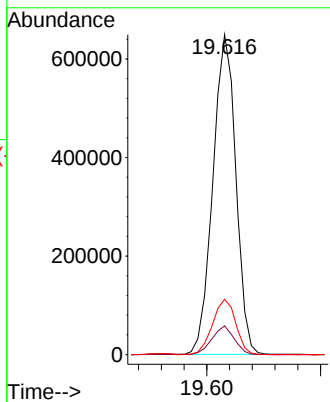
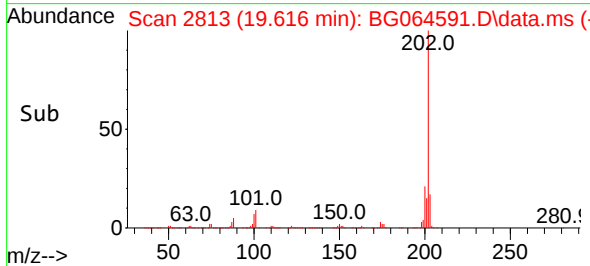
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:202 Resp: 907995
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.3 0.0 37.0

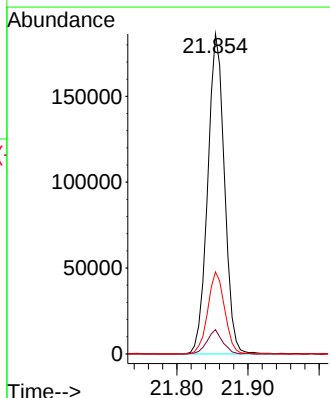
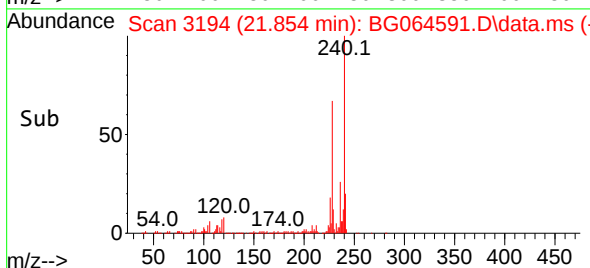
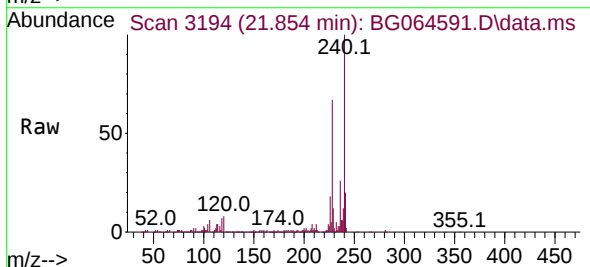
Manual Integrations
APPROVED

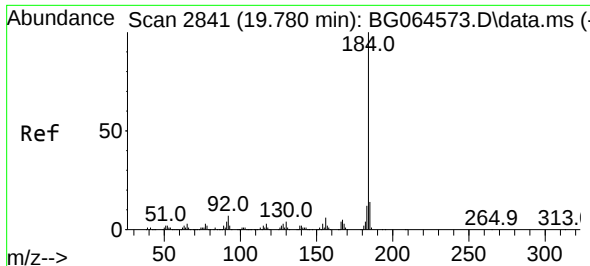
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

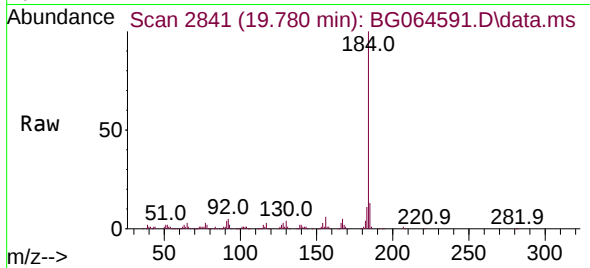
Tgt Ion:240 Resp: 304154
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.6 20.2 30.2





#77
Benzidine
Concen: 28.603 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

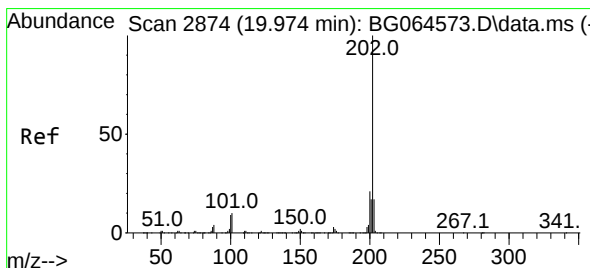
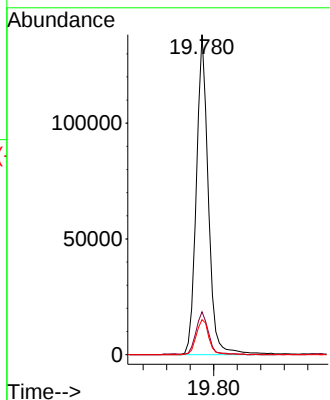
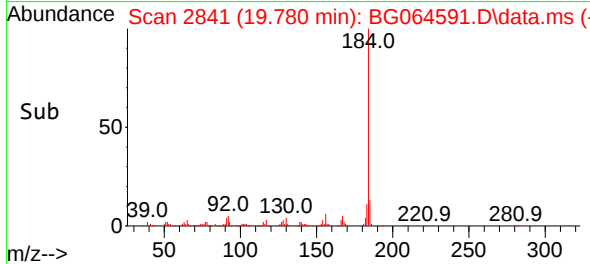
Instrument :
BNA_G
ClientSampleId :
TP-10MS



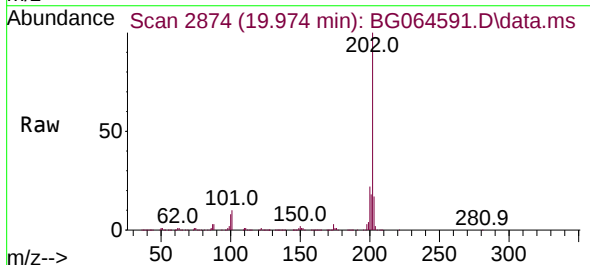
Tgt Ion:184 Resp: 194912
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.2
183 10.9 9.4 14.2

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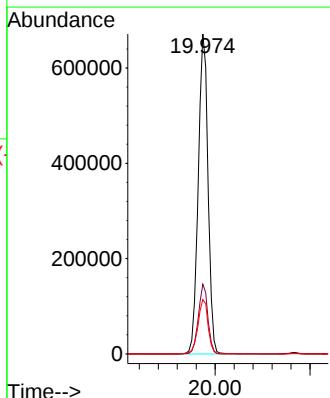
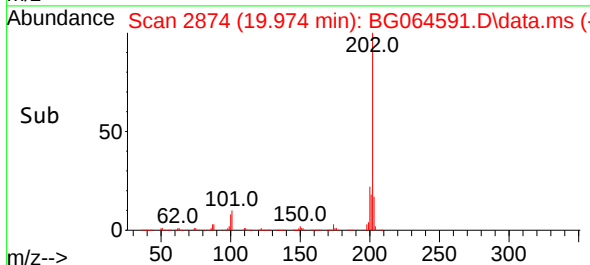
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

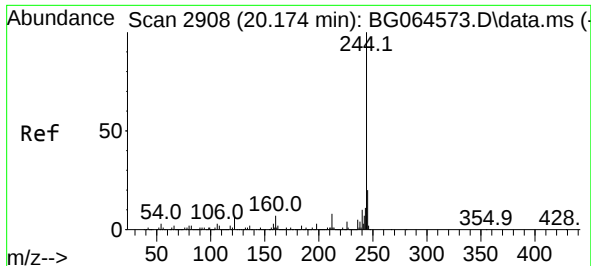


#78
Pyrene
Concen: 48.280 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



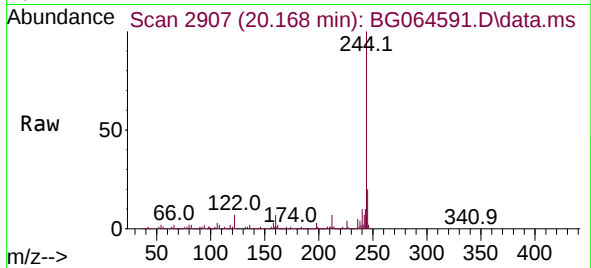
Tgt Ion:202 Resp: 959415
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.4
203 17.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 61.345 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.006 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

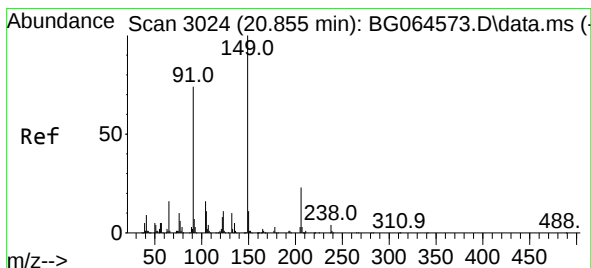
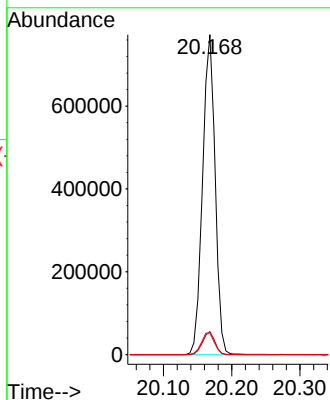
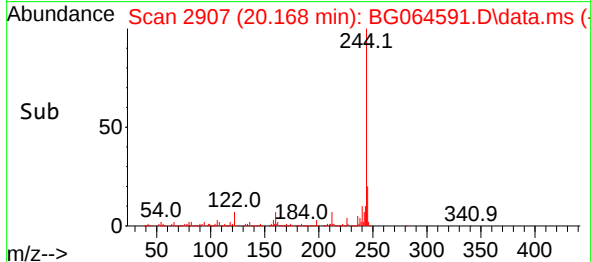
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MS



Tgt Ion:244 Resp: 988689
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.8 5.6 8.4

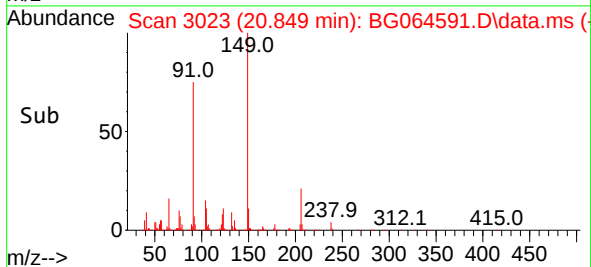
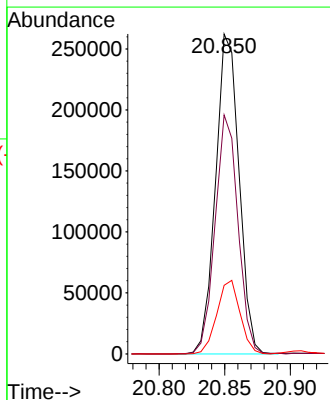
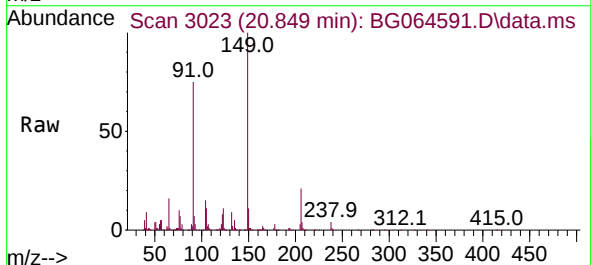
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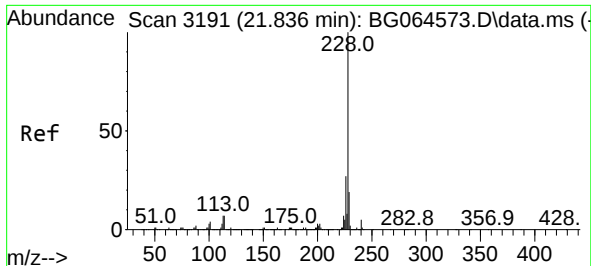
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 54.443 ng
 RT: 20.849 min Scan# 3023
 Delta R.T. -0.006 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

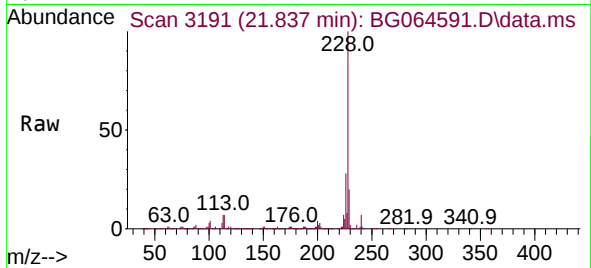
Tgt Ion:149 Resp: 326982
 Ion Ratio Lower Upper
 149 100
 91 74.7 59.2 88.8
 206 21.4 18.1 27.1





#81
Benzo(a)anthracene
Concen: 49.652 ng
RT: 21.837 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

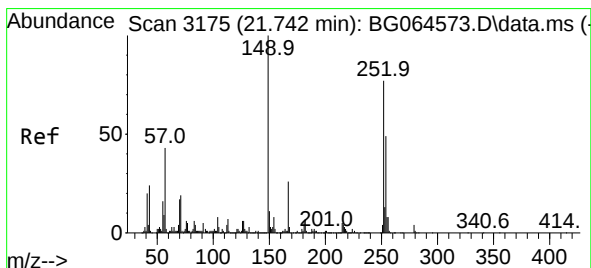
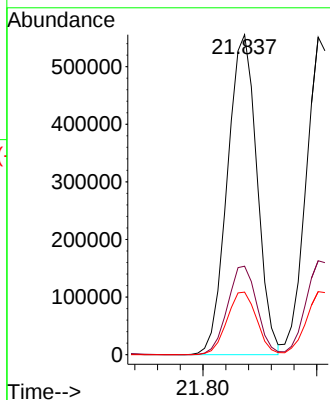
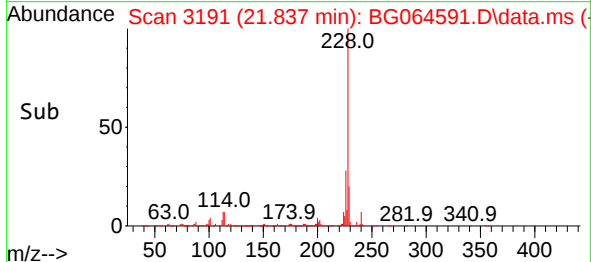
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:228 Resp: 1001336
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 19.5 15.6 23.4

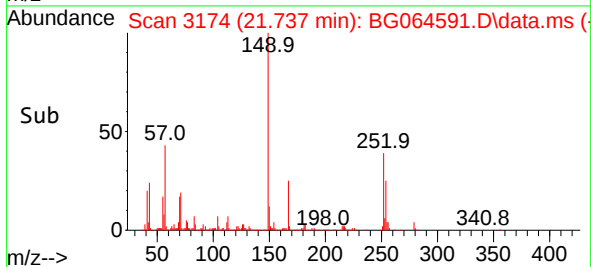
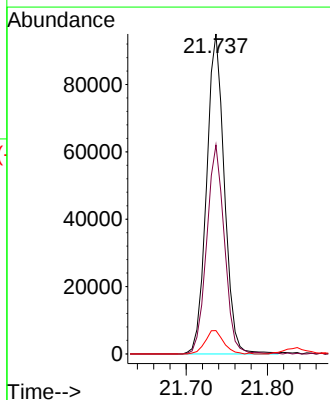
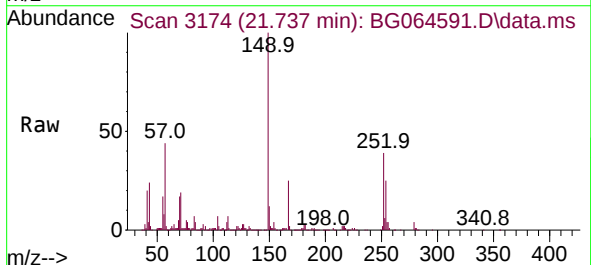
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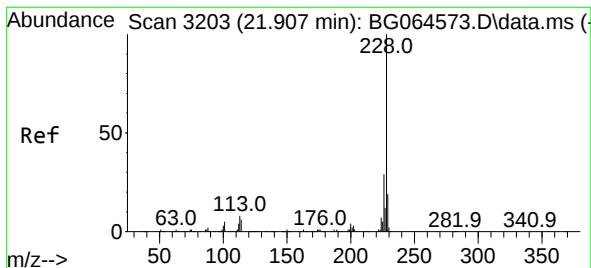
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.474 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion:252 Resp: 144619
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 7.3 5.8 8.6





#83

Chrysene

Concen: 48.999 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

ClientSampleId :

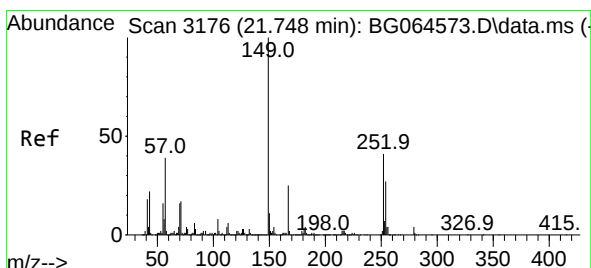
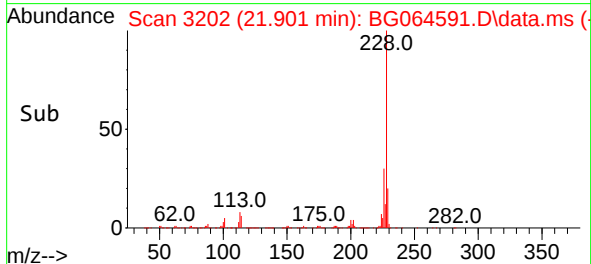
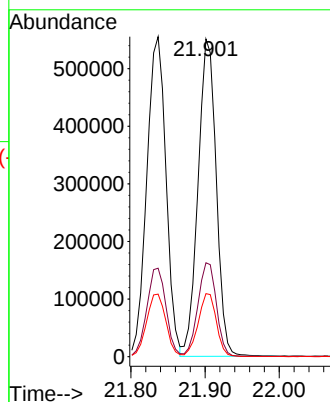
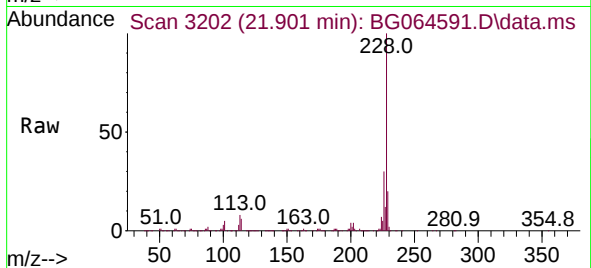
TP-10MS

Tgt Ion:228 Resp: 940262
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.3 34.9
 229 19.8 15.2 22.8

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Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.327 ng

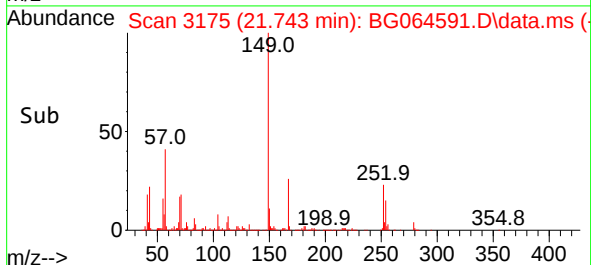
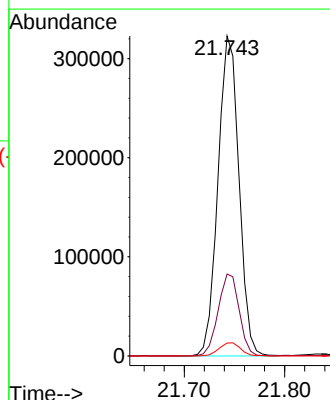
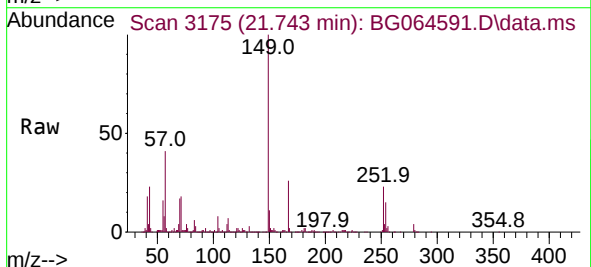
RT: 21.743 min Scan# 3175

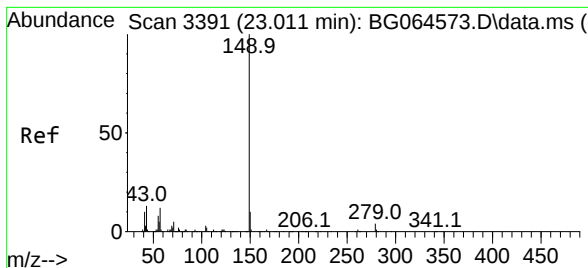
Delta R.T. -0.006 min

Lab File: BG064591.D

Acq: 27 Oct 2025 17:25

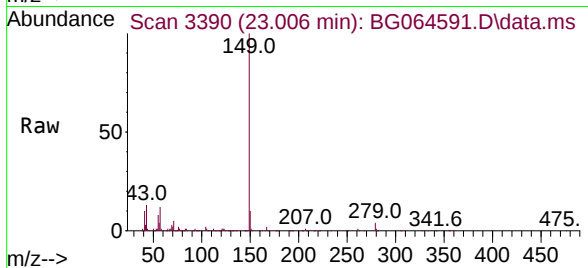
Tgt Ion:149 Resp: 469605
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.0 30.0
 279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 53.101 ng
RT: 23.006 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

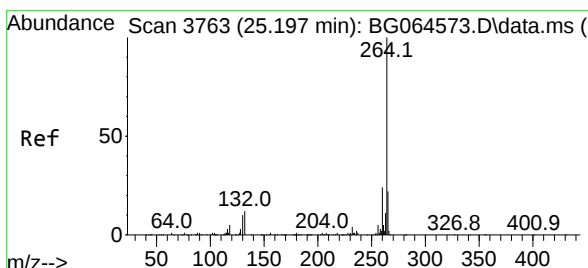
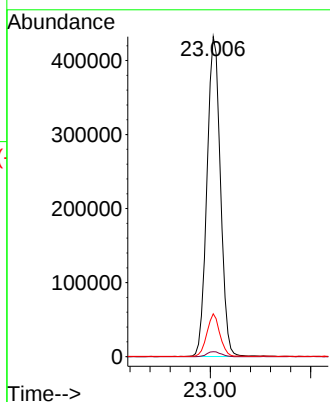
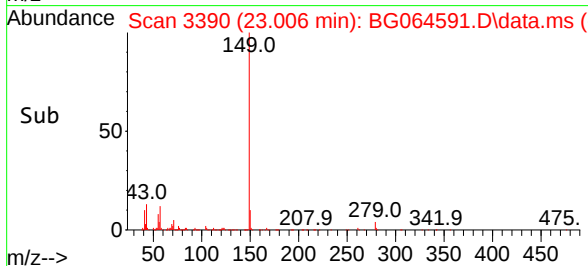
Instrument :
BNA_G
ClientSampleId :
TP-10MS



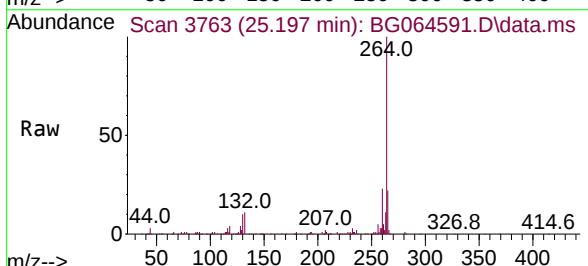
Tgt Ion:149 Resp: 803459
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 10.8 16.2

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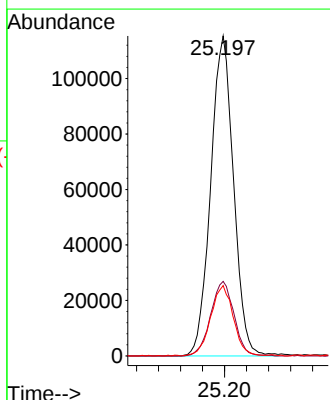
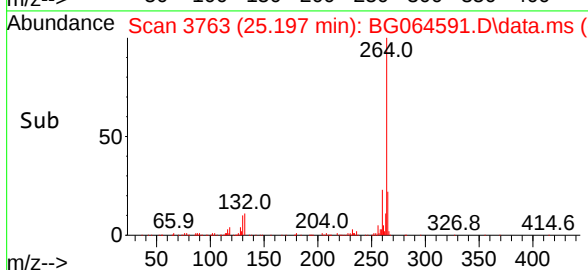
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

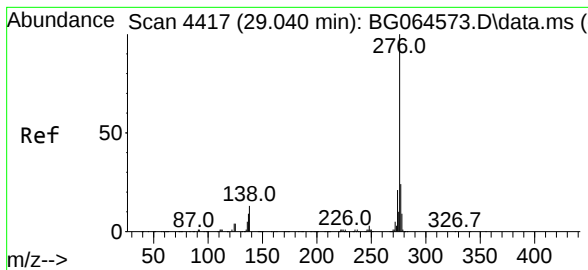


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25



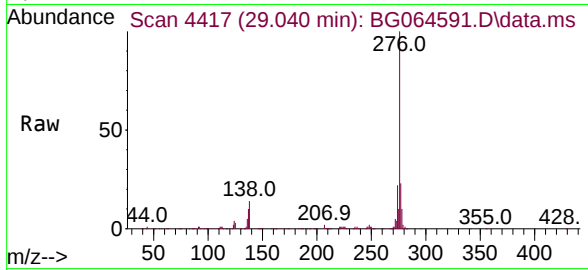
Tgt Ion:264 Resp: 332284
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 22.0 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.877 ng
 RT: 29.040 min Scan# 4417
 Delta R.T. 0.000 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

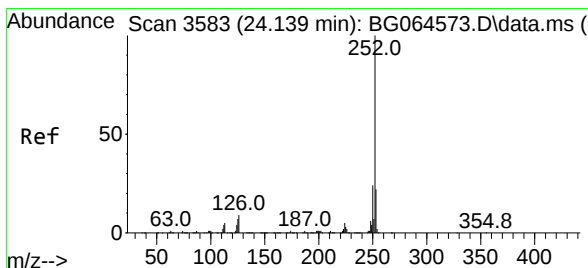
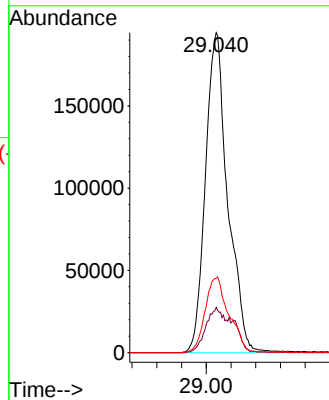
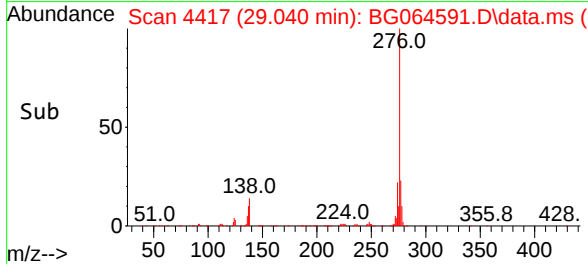
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MS



Tgt Ion:276 Resp: 1219199
 Ion Ratio Lower Upper
 276 100
 138 12.0 10.8 16.2
 277 25.1 20.1 30.1

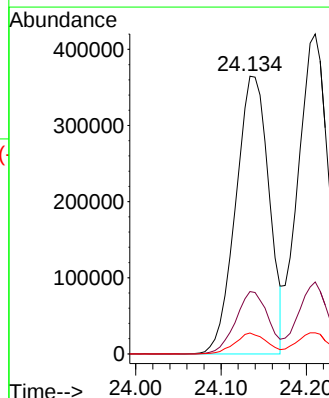
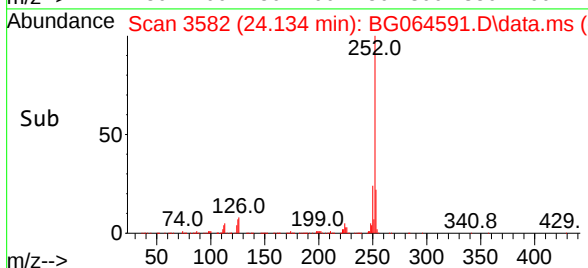
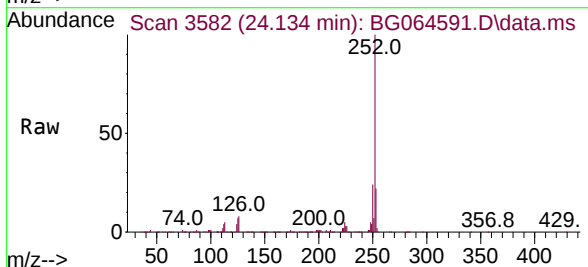
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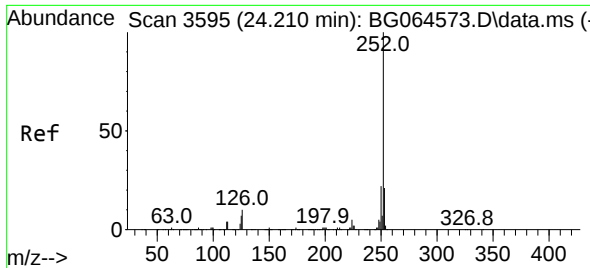
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#88
 Benzo(b)fluoranthene
 Concen: 48.527 ng
 RT: 24.134 min Scan# 3582
 Delta R.T. -0.006 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

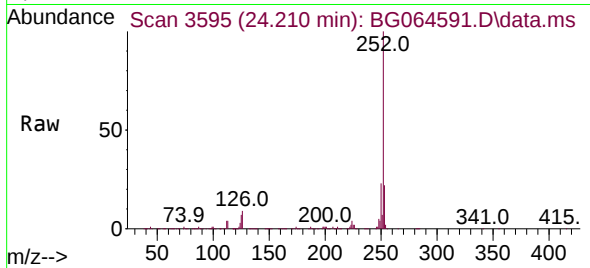
Tgt Ion:252 Resp: 988760
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.8
 125 7.5 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 51.050 ng
RT: 24.210 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

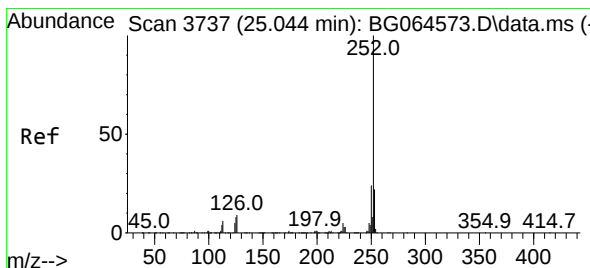
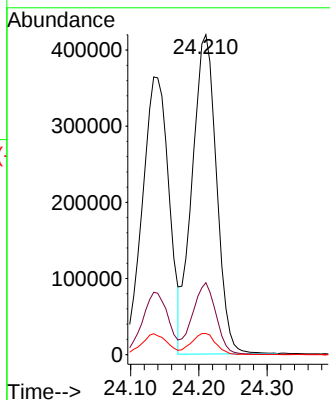
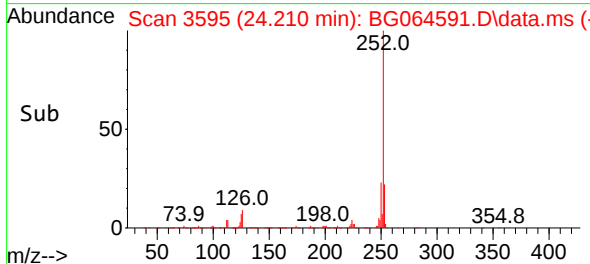
Instrument :
BNA_G
ClientSampleId :
TP-10MS



Tgt Ion:252 Resp: 1040885
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 6.6 5.4 8.0

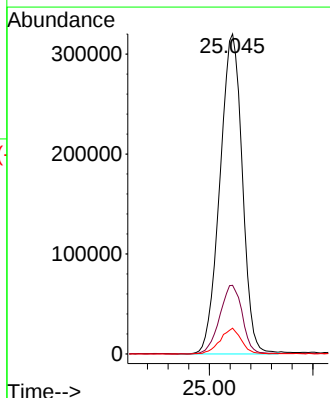
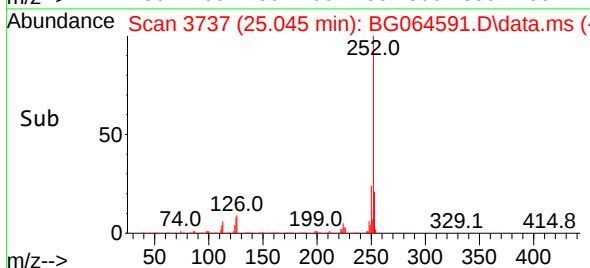
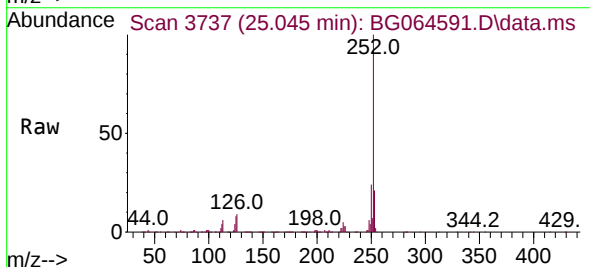
Manual Integrations
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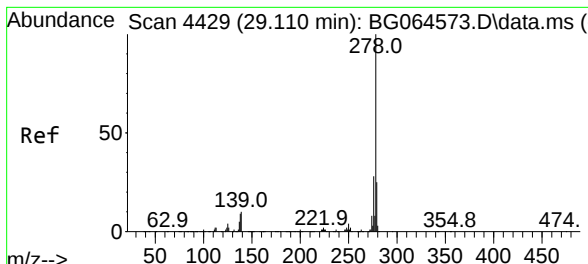
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 51.625 ng
RT: 25.045 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064591.D
Acq: 27 Oct 2025 17:25

Tgt Ion:252 Resp: 966919
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 8.0 6.1 9.1





#91
 Dibenzo(a,h)anthracene
 Concen: 50.647 ng
 RT: 29.110 min Scan# 4429
 Delta R.T. 0.000 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

Instrument :

BNA_G

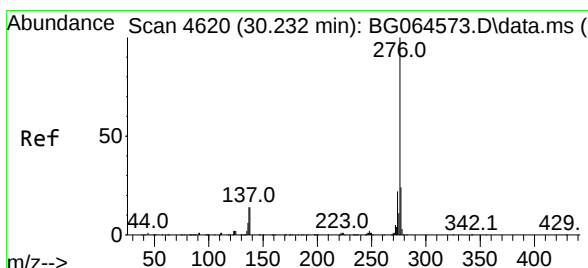
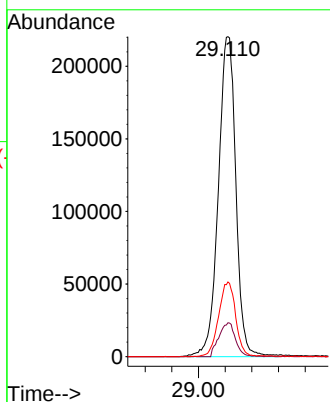
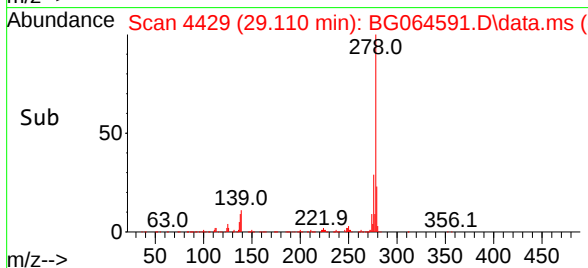
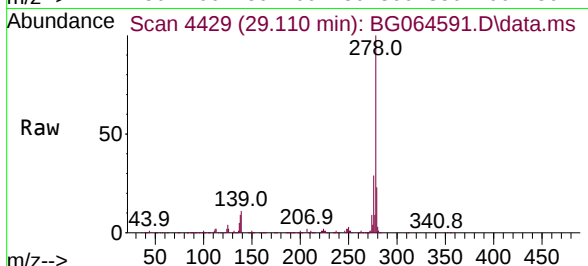
ClientSampleId :

TP-10MS

Tgt Ion:278 Resp: 1005793
 Ion Ratio Lower Upper
 278 100
 139 10.6 8.0 12.0
 279 23.3 19.8 29.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#92
 Benzo(g,h,i)perylene
 Concen: 51.532 ng
 RT: 30.233 min Scan# 4620
 Delta R.T. 0.000 min
 Lab File: BG064591.D
 Acq: 27 Oct 2025 17:25

Tgt Ion:276 Resp: 977591
 Ion Ratio Lower Upper
 276 100
 277 22.8 19.1 28.7
 138 15.1 11.3 16.9

