

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064620.D
 Acq On : 29 Oct 2025 12:44
 Operator : RC/JU
 Sample : PB170285BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 05:49:29 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 :Jagrut Upadhyay 11/04/2025
 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	29150	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	120630	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	94777	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	243860	20.000	ng	0.00
76) Chrysene-d12	21.854	240	284315	20.000	ng	0.00
86) Perylene-d12	25.197	264	307438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	216508	124.668	ng	0.00
7) Phenol-d6	7.353	99	292660	122.807	ng	0.00
23) Nitrobenzene-d5	9.380	82	178485	88.869	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	205036	149.889	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	506660	81.029	ng	0.00
79) Terphenyl-d14	20.168	244	1229145	81.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.581	88	26022	33.844	ng	95
3) Pyridine	3.987	79	75019	32.491	ng	97
4) n-Nitrosodimethylamine	3.899	42	51919	41.931	ng	97
6) Aniline	7.524	93	102931	31.742	ng	96
8) 2-Chlorophenol	7.776	128	84168	46.303	ng	100
9) Benzaldehyde	7.336	77	41192	31.661	ng	99
10) Phenol	7.377	94	114314	43.375	ng	94
11) bis(2-Chloroethyl)ether	7.624	93	75868	39.154	ng	92
12) 1,3-Dichlorobenzene	8.111	146	85739	40.981	ng	97
13) 1,4-Dichlorobenzene	8.252	146	87841	41.291	ng	95
14) 1,2-Dichlorobenzene	8.575	146	89718	43.724	ng	99
15) Benzyl Alcohol	8.446	79	89000	45.289	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.746	45	197904	38.937	ng	98
17) 2-Methylphenol	8.646	107	81699	46.690	ng	94
18) Hexachloroethane	9.316	117	31771	42.558	ng	96
19) n-Nitroso-di-n-propyla...	9.022	70	70022	42.516	ng	98
20) 3+4-Methylphenols	8.975	107	108792	44.210	ng	97
22) Acetophenone	9.040	105	152527	46.255	ng	94
24) Nitrobenzene	9.421	77	97805	44.773	ng	98
25) Isophorone	9.950	82	196669	40.809	ng	99
26) 2-Nitrophenol	10.144	139	41271	48.903	ng	96
27) 2,4-Dimethylphenol	10.191	122	91048	50.790	ng	98
28) bis(2-Chloroethoxy)met...	10.432	93	116210	42.352	ng	96
29) 2,4-Dichlorophenol	10.679	162	94693	49.084	ng	95
30) 1,2,4-Trichlorobenzene	10.902	180	98699	45.027	ng	97
31) Naphthalene	11.096	128	273215	40.851	ng	99
32) Benzoic acid	10.309	122	68457	49.760	ng	93
33) 4-Chloroaniline	11.184	127	60425	23.244	ng	96
34) Hexachlorobutadiene	11.384	225	71962	41.979	ng	98
35) Caprolactam	11.942	113	33724m	45.577	ng	
36) 4-Chloro-3-methylphenol	12.289	107	112610	48.561	ng	99
37) 2-Methylnaphthalene	12.682	142	187343	38.153	ng	99
38) 1-Methylnaphthalene	12.900	142	193398	39.785	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	149444	46.983	ng	99
41) Hexachlorocyclopentadiene	13.035	237	178951	124.993	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	90140	49.543	ng	99

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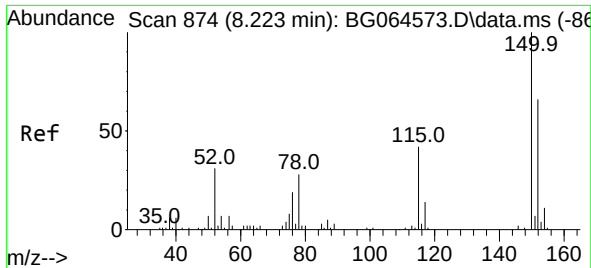
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.346	196	102727	48.926	ng	99	11/04/2025
46) 1,1'-Biphenyl	13.681	154	317174	47.072	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	13.722	162	215943	42.458	ng	99	ahmed
48) 2-Nitroaniline	13.910	65	81976	48.011	ng	92	
49) Acenaphthylene	14.563	152	401904	50.098	ng	98	
50) Dimethylphthalate	14.286	163	328784	45.335	ng	99	
51) 2,6-Dinitrotoluene	14.398	165	62290	51.784	ng	98	11/05/2025
52) Acenaphthene	14.903	154	266233	48.574	ng	99	
53) 3-Nitroaniline	14.727	138	46222	37.086	ng	98	
54) 2,4-Dinitrophenol	14.927	184	83820	111.772	ng	# 41	
55) Dibenzofuran	15.238	168	390784	44.101	ng	99	
56) 4-Nitrophenol	15.015	139	120864	104.595	ng	88	
57) 2,4-Dinitrotoluene	15.179	165	94566	50.914	ng	# 97	
58) Fluorene	15.884	166	313265	45.268	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.456	232	109287	54.432	ng	97	
60) Diethylphthalate	15.644	149	337793	45.617	ng	99	
61) 4-Chlorophenyl-phenyle...	15.873	204	174263	44.872	ng	98	
62) 4-Nitroaniline	15.884	138	72854	52.542	ng	98	
63) Azobenzene	16.161	77	307485	45.256	ng	99	
65) 4,6-Dinitro-2-methylph...	15.943	198	57550	52.995	ng	95	
66) n-Nitrosodiphenylamine	16.078	169	295082	44.796	ng	99	
67) 4-Bromophenyl-phenylether	16.766	248	126118	43.642	ng	98	
68) Hexachlorobenzene	16.889	284	148443	45.026	ng	97	
69) Atrazine	17.018	200	133212	46.992	ng	98	
70) Pentachlorophenol	17.224	266	204324	99.387	ng	91	
71) Phenanthrene	17.618	178	593814	44.528	ng	99	
72) Anthracene	17.712	178	598590	44.126	ng	100	
73) Carbazole	17.970	167	544489	45.517	ng	98	
74) Di-n-butylphthalate	18.528	149	609776	44.081	ng	99	
75) Fluoranthene	19.615	202	741946	44.411	ng	99	
77) Benzidine	19.780	184	244512	38.386	ng	99	
78) Pyrene	19.974	202	764788	41.171	ng	99	
80) Butylbenzylphthalate	20.849	149	274784	48.944	ng	98	
81) Benzo(a)anthracene	21.836	228	822317	43.620	ng	99	
82) 3,3'-Dichlorobenzidine	21.736	252	205739	32.682	ng	98	
83) Chrysene	21.901	228	777014	43.317	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.742	149	398097	47.454	ng	100	
85) Di-n-octyl phthalate	23.000	149	695154	49.149	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.034	276	1032320	45.645	ng	# 97	
88) Benzo(b)fluoranthene	24.134	252	849214	45.046	ng	99	
89) Benzo(k)fluoranthene	24.204	252	857397	45.449	ng	99	
90) Benzo(a)pyrene	25.044	252	811930	46.854	ng	100	
91) Dibenzo(a,h)anthracene	29.104	278	853781	46.467	ng	98	
92) Benzo(g,h,i)perylene	30.232	276	825822	47.050	ng	98	

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

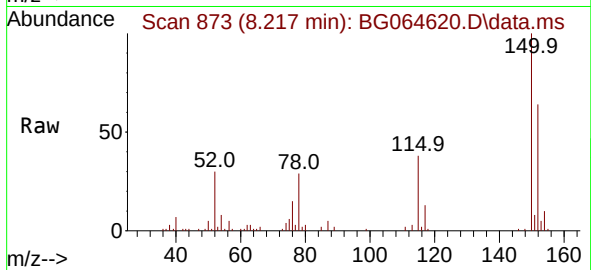


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

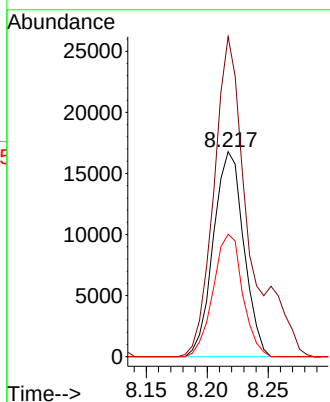
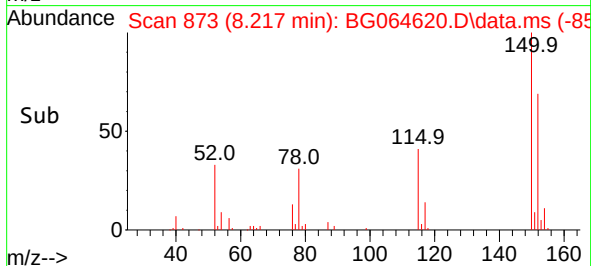
ClientSampleId :



Tgt Ion:152 Resp: 29150
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 59.7 50.8 76.2

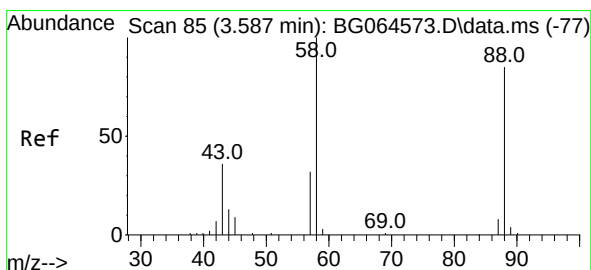
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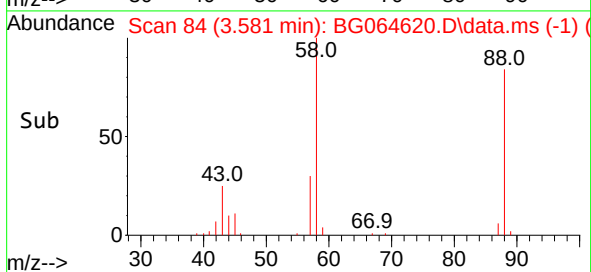
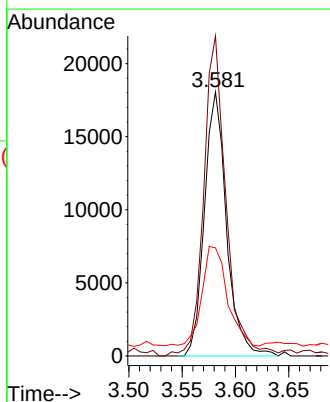
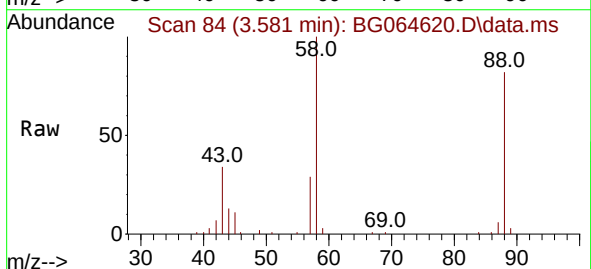
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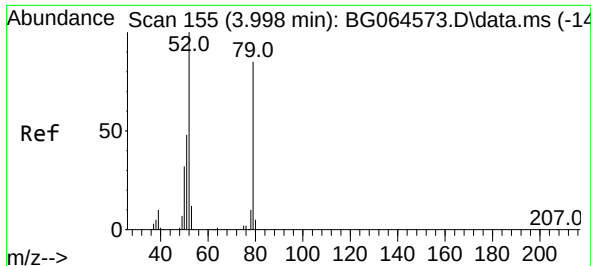
11/05/2025



#2
1,4-Dioxane
Concen: 33.844 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

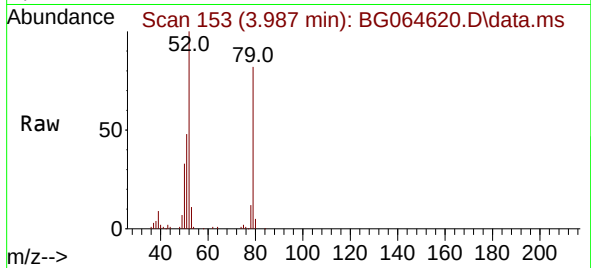
Tgt Ion: 88 Resp: 26022
Ion Ratio Lower Upper
88 100
58 121.4 92.4 138.6
43 43.4 33.0 49.6





#3
Pyridine
Concen: 32.491 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

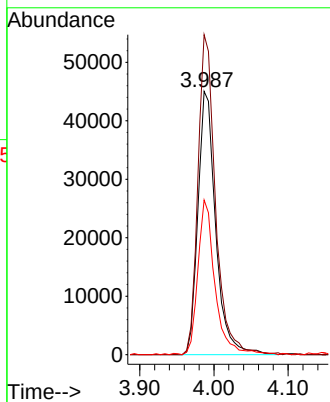
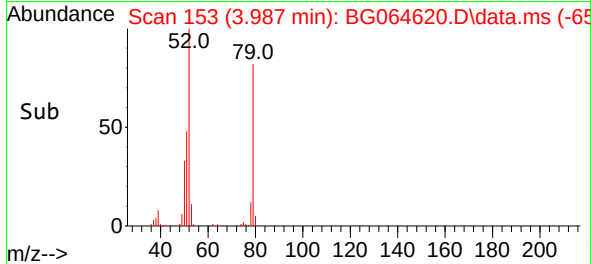
Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 79 Resp: 75019
Ion Ratio Lower Upper
79 100
52 121.5 94.2 141.2
51 58.7 46.1 69.1

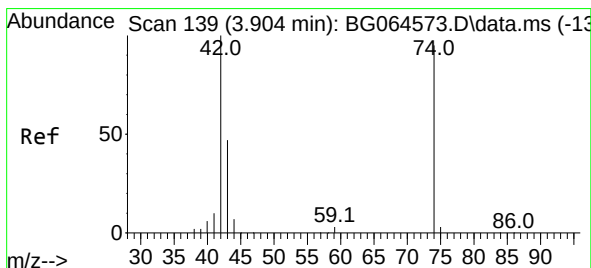
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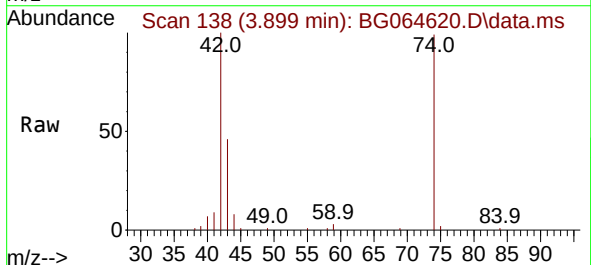


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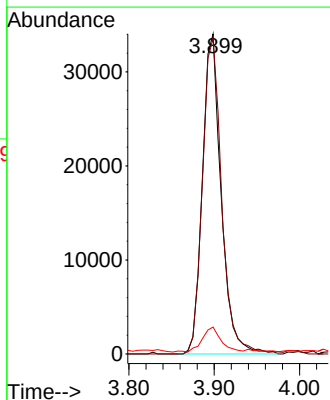
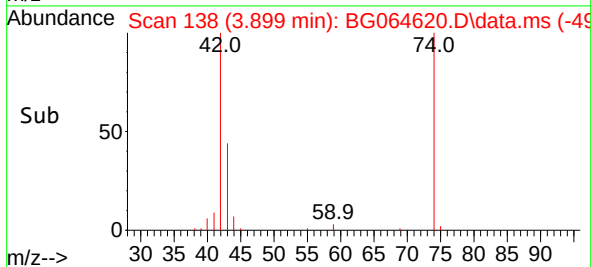
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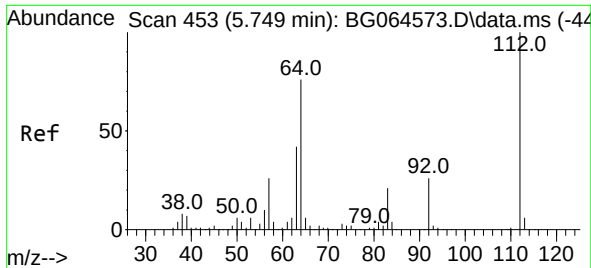


#4
n-Nitrosodimethylamine
Concen: 41.931 ng
RT: 3.899 min Scan# 138
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion: 42 Resp: 51919
Ion Ratio Lower Upper
42 100
74 98.6 76.1 114.1
44 8.4 6.3 9.5



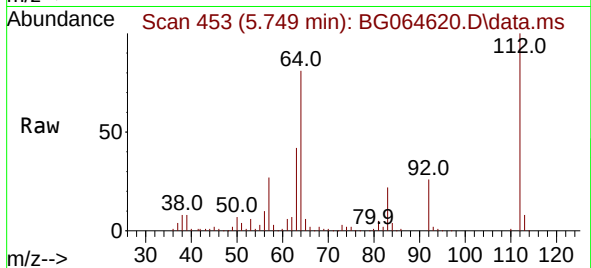


#5
2-Fluorophenol
Concen: 124.668 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

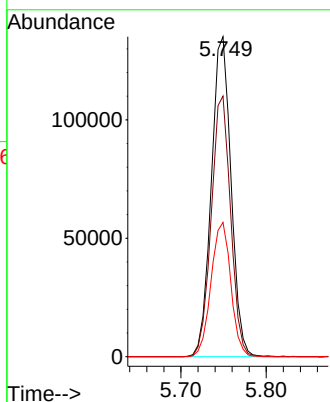
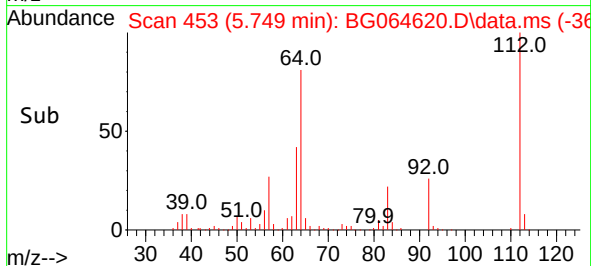
ClientSampleId :



Tgt Ion:112 Resp: 216508
Ion Ratio Lower Upper
112 100
64 81.4 60.7 91.1
63 41.9 33.4 50.0

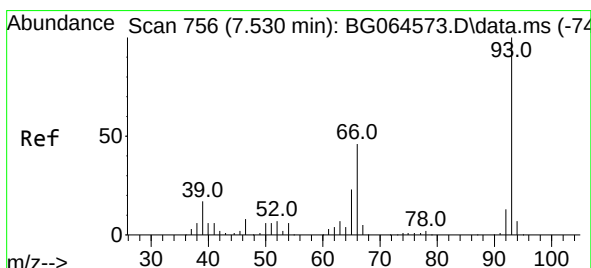
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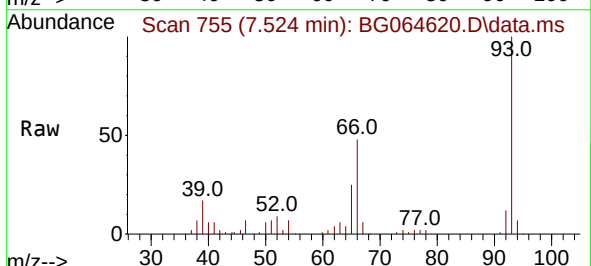


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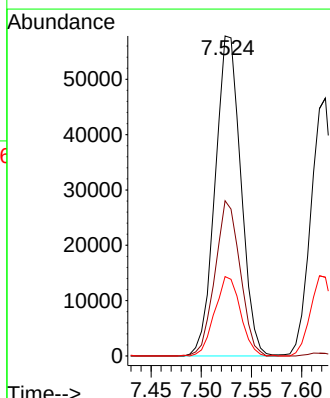
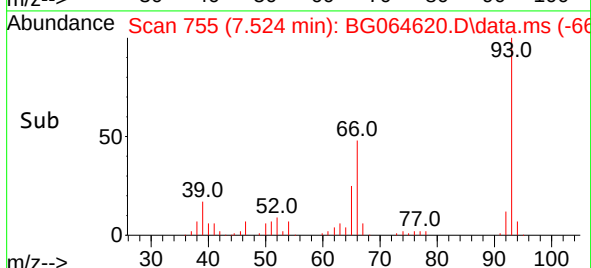
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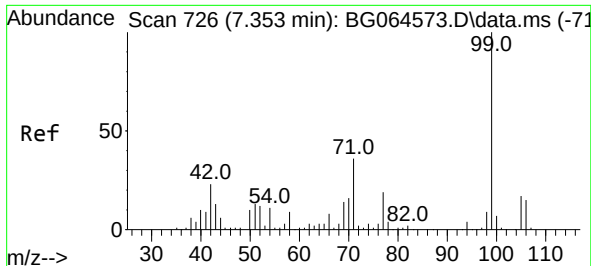


#6
Aniline
Concen: 31.742 ng
RT: 7.524 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



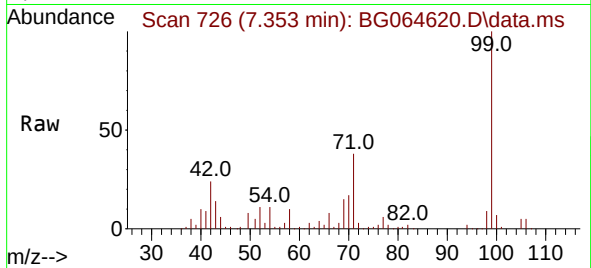
Tgt Ion: 93 Resp: 102931
Ion Ratio Lower Upper
93 100
66 48.5 37.0 55.6
65 24.8 18.3 27.5





#7
Phenol-d6
Concen: 122.807 ng
RT: 7.353 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

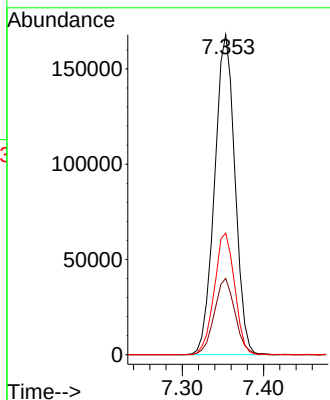
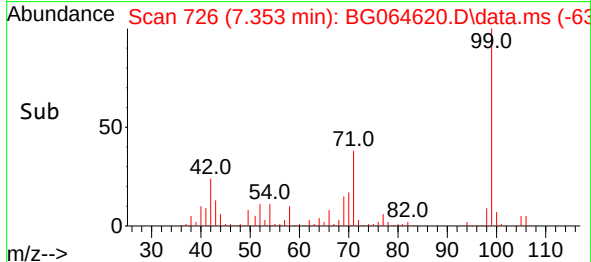
Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 292660
Ion Ratio Lower Upper
99 100
42 23.8 18.3 27.5
71 38.0 28.6 43.0

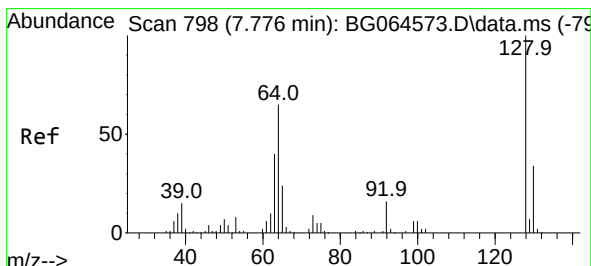
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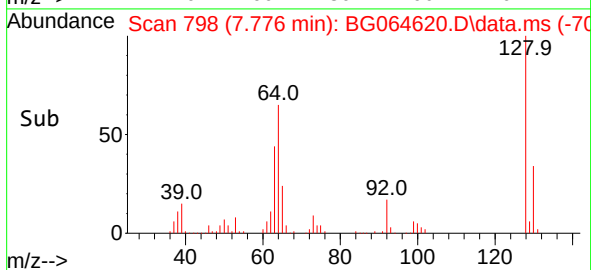
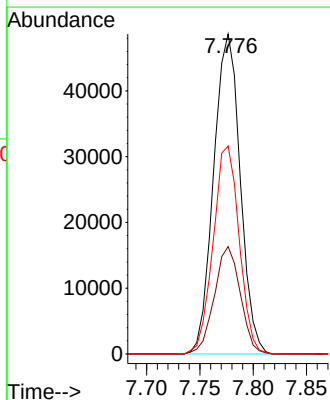
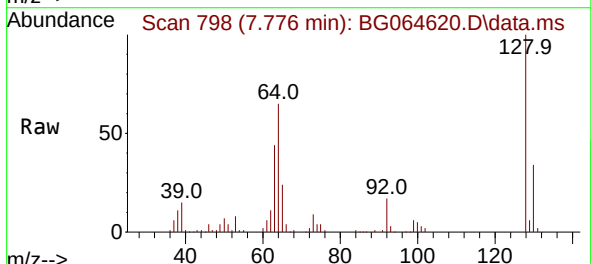
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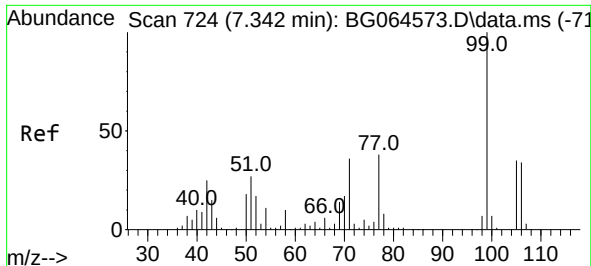
11/05/2025



#8
2-Chlorophenol
Concen: 46.303 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

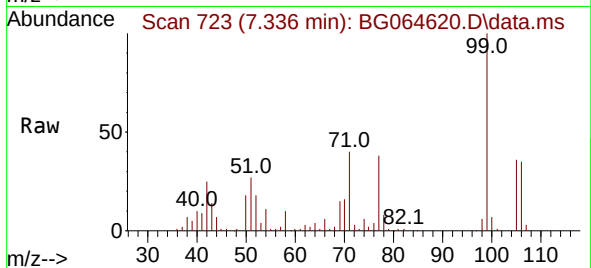
Tgt Ion:128 Resp: 84168
Ion Ratio Lower Upper
128 100
130 33.6 13.5 53.5
64 65.0 45.2 85.2





#9
Benzaldehyde
Concen: 31.661 ng
RT: 7.336 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

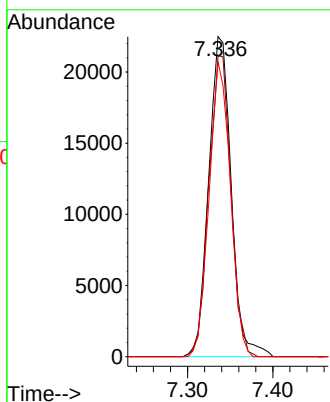
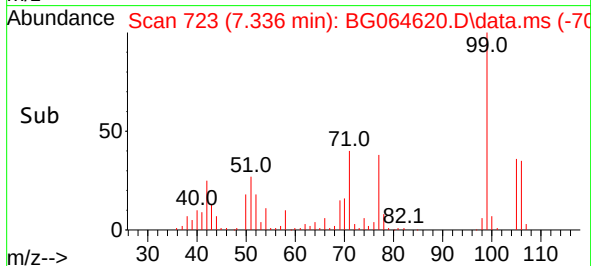
Instrument :
BNA_G
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Tgt Ion: 77 Resp: 4119
Ion Ratio Lower Upper
77 100
105 94.0 72.9 112.9
106 92.0 70.8 110.8

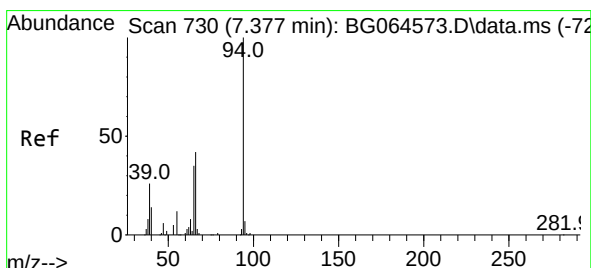
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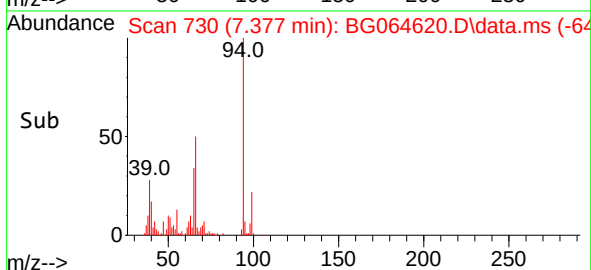
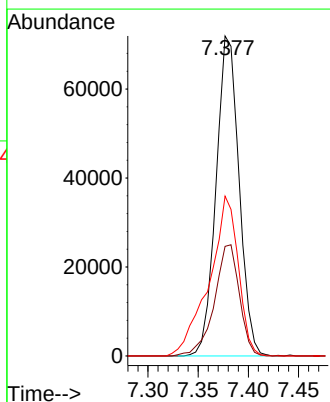
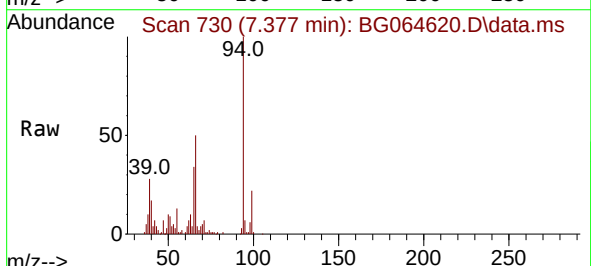
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ahmed

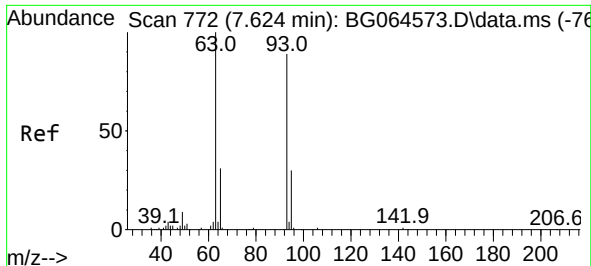
11/05/2025



#10
Phenol
Concen: 43.375 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

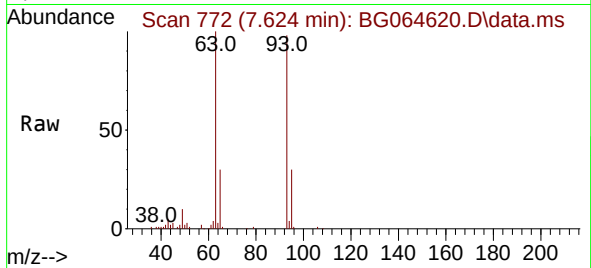
Tgt Ion: 94 Resp: 114314
Ion Ratio Lower Upper
94 100
65 34.3 15.8 55.8
66 50.0 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 39.154 ng
RT: 7.624 min Scan# 772
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

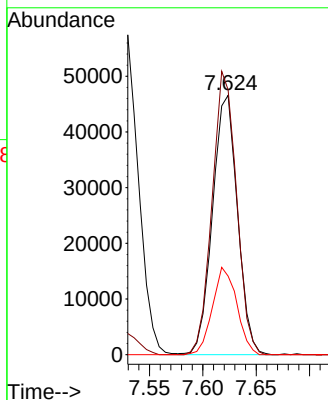
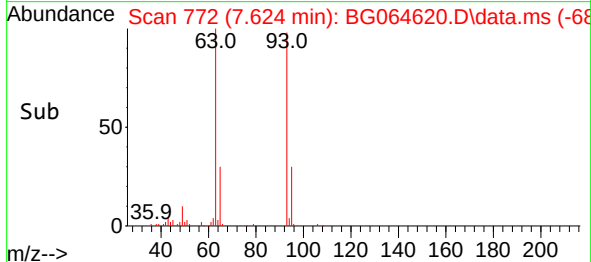
Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 93 Resp: 7586
Ion Ratio Lower Upper
93 100
63 102.0 91.3 131.3
95 30.3 13.3 53.3

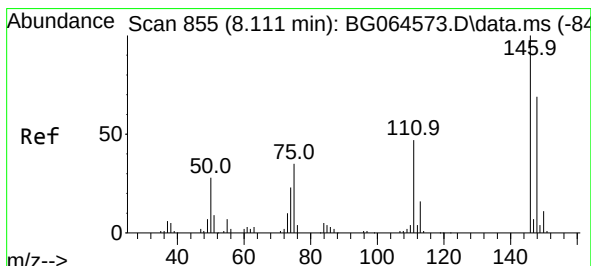
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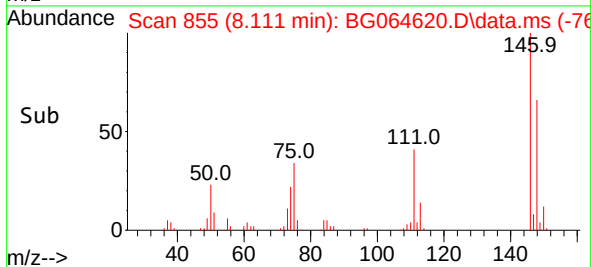
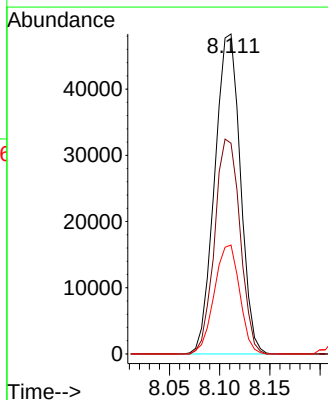
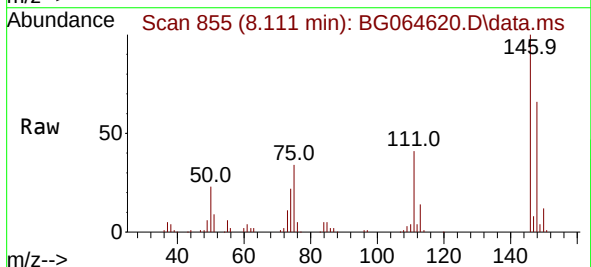
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Supervised By :mohammad
ahmed

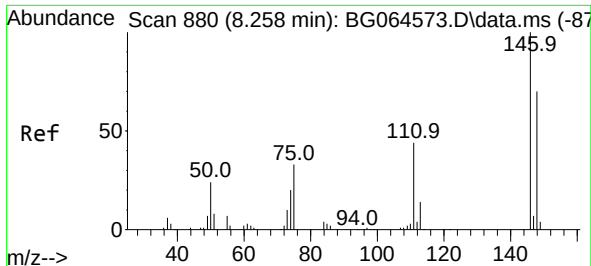
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#12
1,3-Dichlorobenzene
Concen: 40.981 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

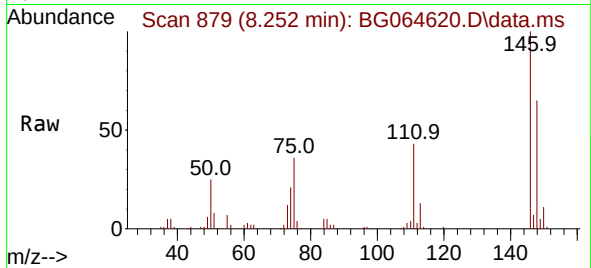
Tgt Ion:146 Resp: 85739
Ion Ratio Lower Upper
146 100
148 65.9 55.3 82.9
75 34.0 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.291 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

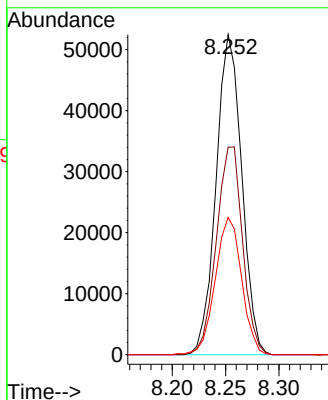
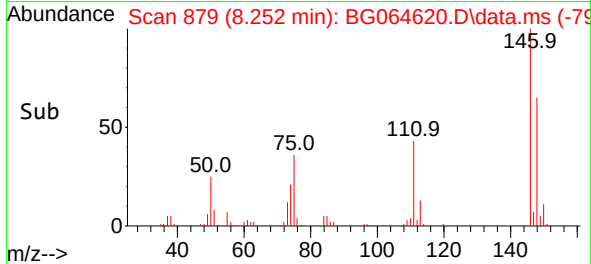
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:146 Resp: 8784
Ion Ratio Lower Upper
146 100
148 64.8 56.2 84.4
111 42.9 35.4 53.0

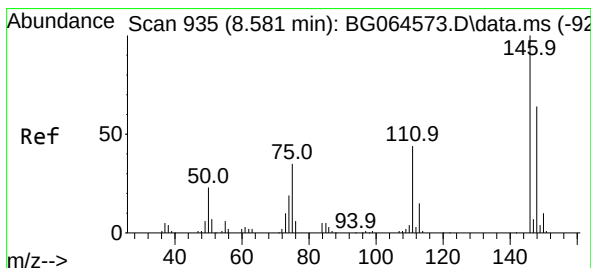
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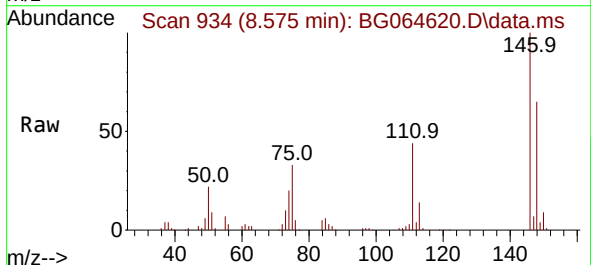


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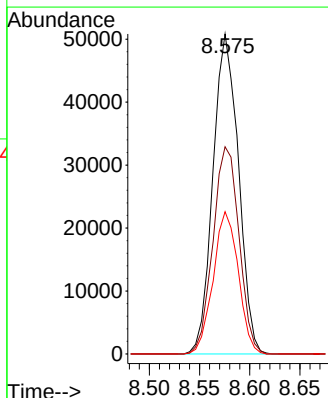
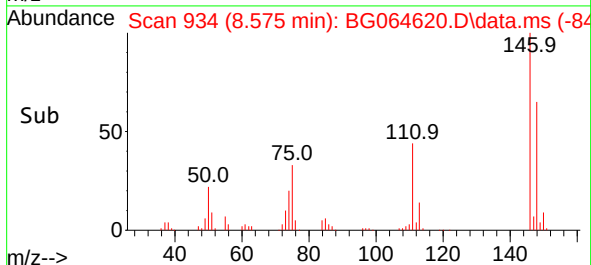
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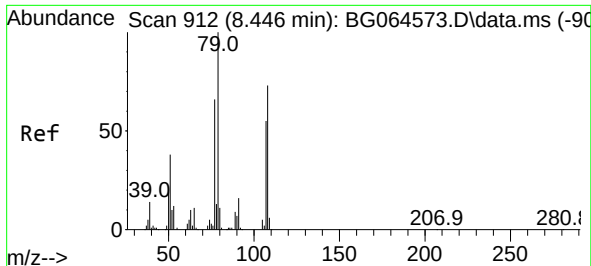


#14
1,2-Dichlorobenzene
Concen: 43.724 ng
RT: 8.575 min Scan# 934
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



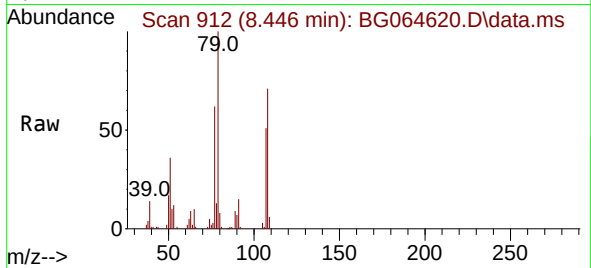
Tgt Ion:146 Resp: 89718
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 44.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 45.289 ng
RT: 8.446 min Scan# 912
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

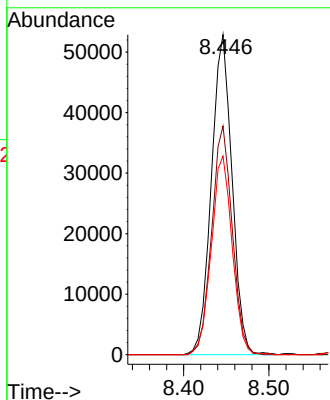
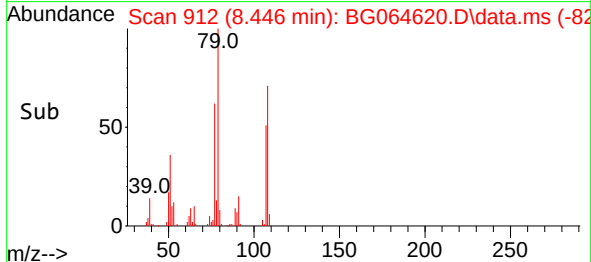
Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 79 Resp: 89000
Ion Ratio Lower Upper
79 100
108 71.4 58.1 87.1
77 62.0 52.8 79.2

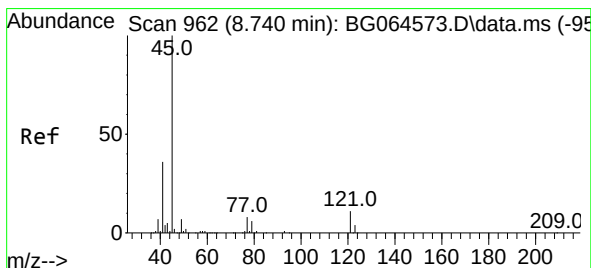
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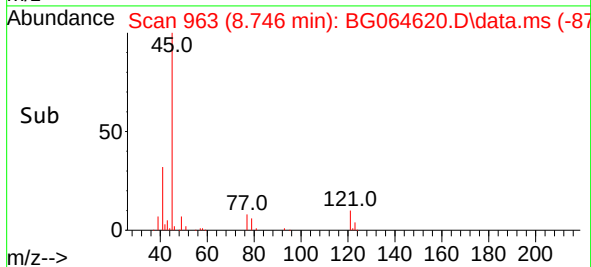
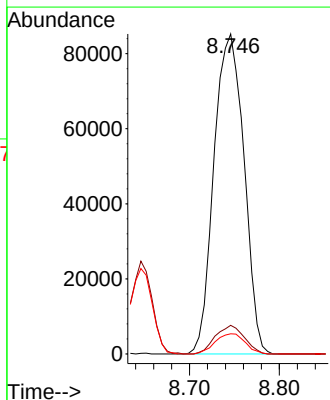
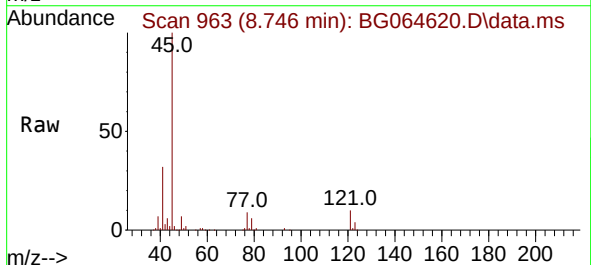
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Supervised By :mohammad
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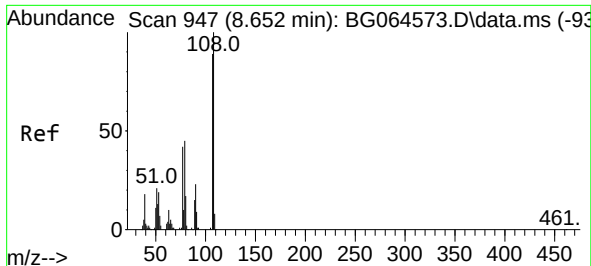
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.937 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

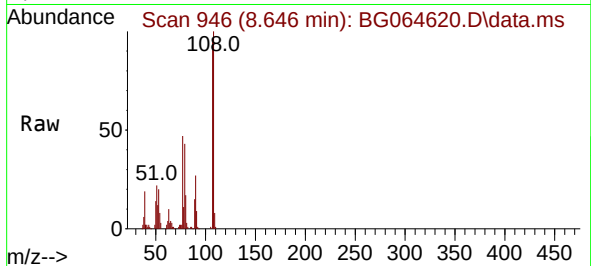
Tgt Ion: 45 Resp: 197904
Ion Ratio Lower Upper
45 100
77 8.9 0.0 28.5
79 6.3 0.0 25.6





#17
2-Methylphenol
Concen: 46.690 ng
RT: 8.646 min Scan# 947
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

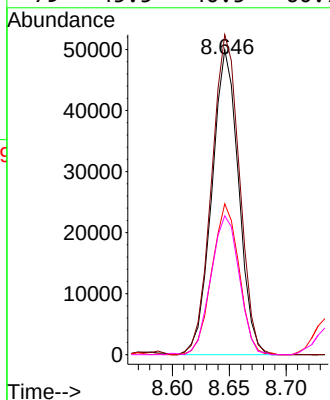
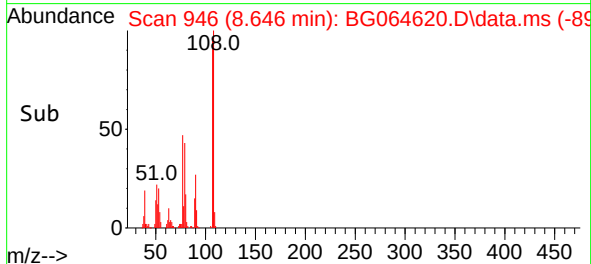
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:107 Resp: 81699
Ion Ratio Lower Upper
107 100
108 104.9 90.0 135.0
77 49.5 37.8 56.8
79 45.5 40.5 60.7

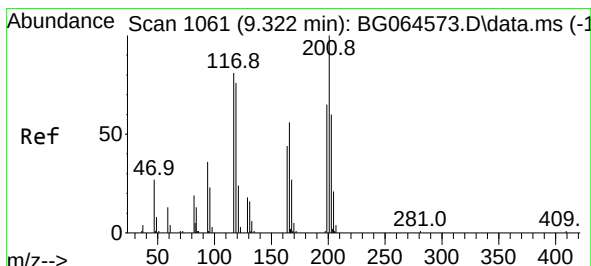
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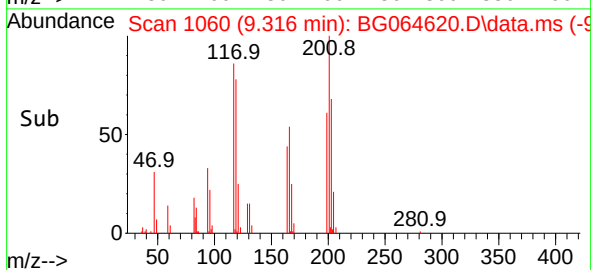
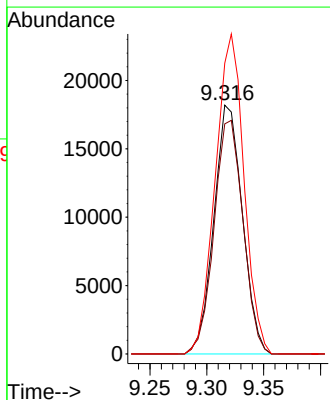
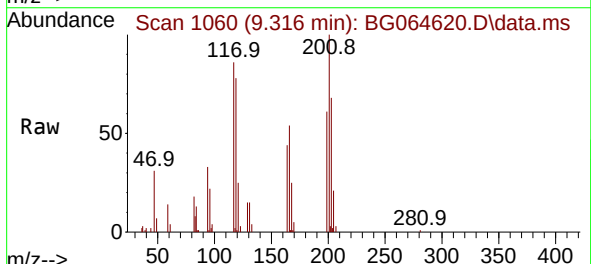
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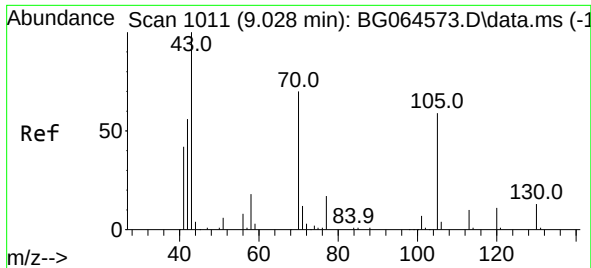
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#18
Hexachloroethane
Concen: 42.558 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:117 Resp: 31771
Ion Ratio Lower Upper
117 100
119 92.5 75.4 113.2
201 116.8 99.2 148.8



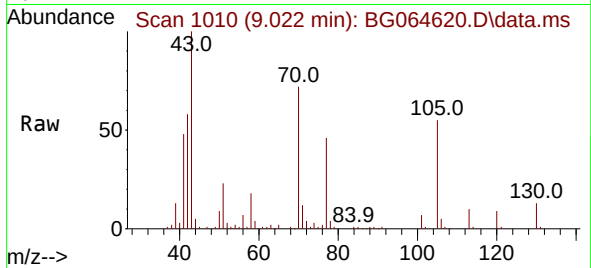


#19
n-Nitroso-di-n-propylamine
Concen: 42.516 ng
RT: 9.022 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

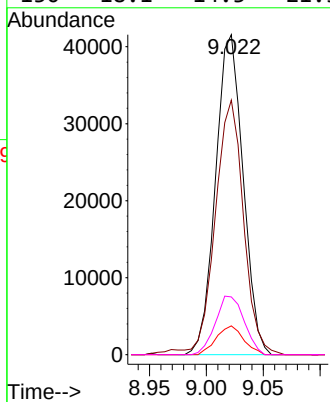
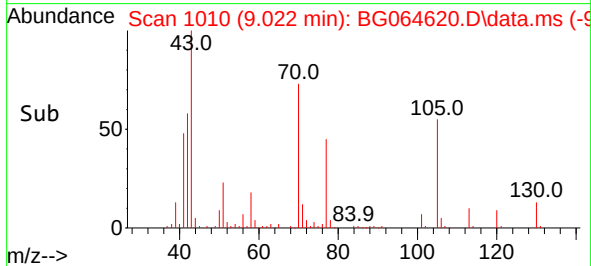


Tgt Ion: 70 Resp: 7002
Ion Ratio Lower Upper
70 100
42 79.5 65.2 97.8
101 9.0 7.9 11.9
130 18.1 14.3 21.5

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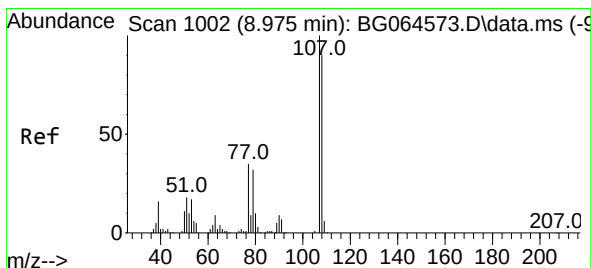
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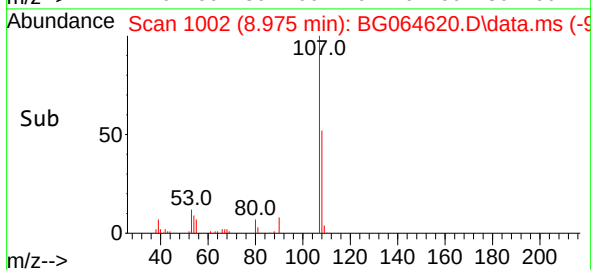
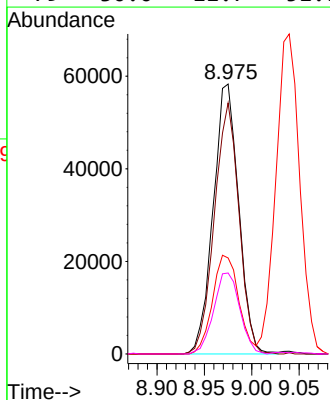
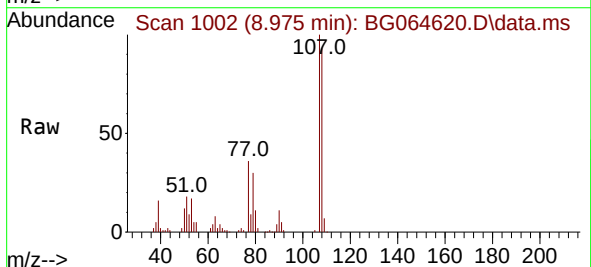
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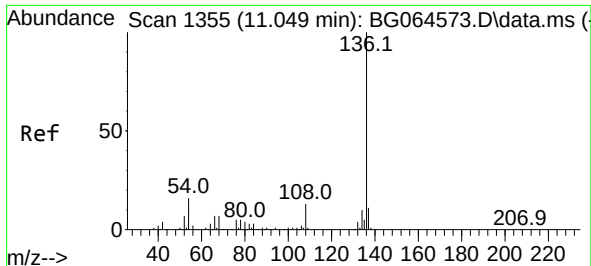
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#20
3+4-Methylphenols
Concen: 44.210 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

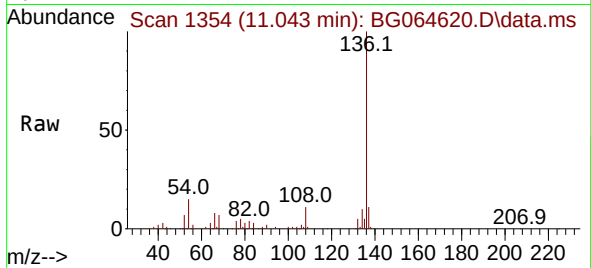
Tgt Ion:107 Resp: 108792
Ion Ratio Lower Upper
107 100
108 93.0 70.3 110.3
77 35.6 14.6 54.6
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

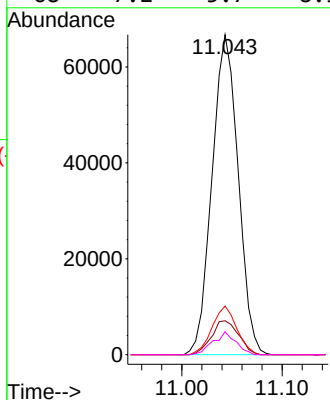
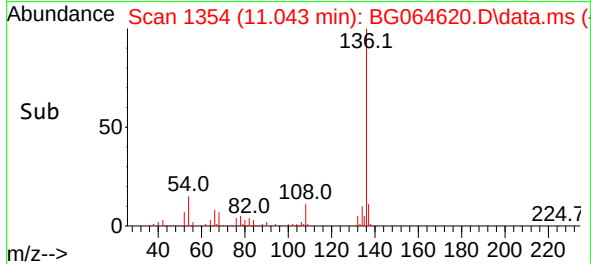
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:136 Resp: 120630
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 15.2 12.6 19.0
68 7.2 5.7 8.5

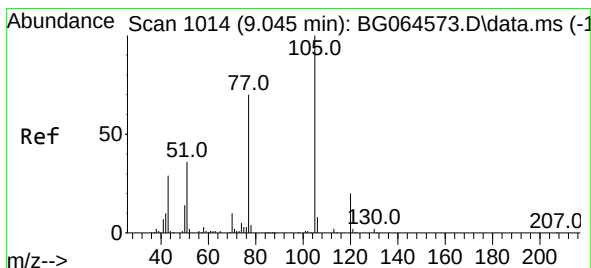
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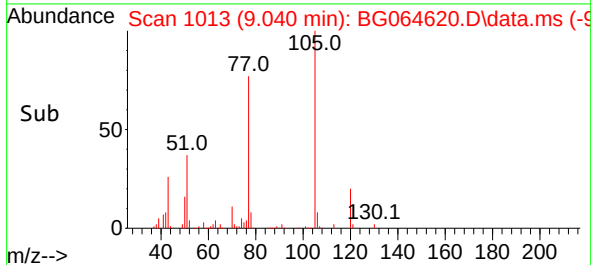
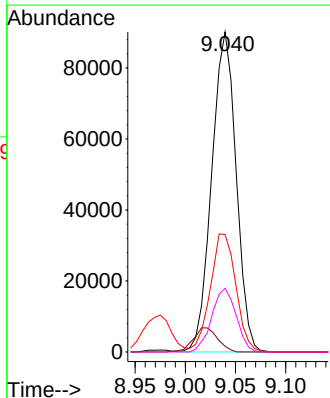
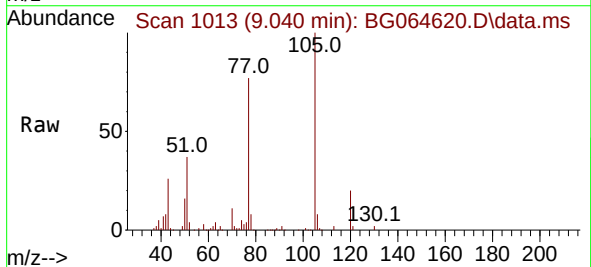
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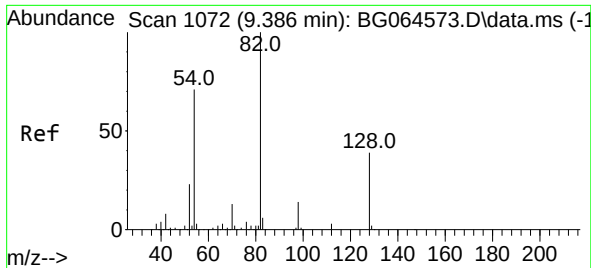
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#22
Acetophenone
Concen: 46.255 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:105 Resp: 152527
Ion Ratio Lower Upper
105 100
71 1.8 1.5 2.3
51 36.7 33.7 50.5
120 19.9 16.1 24.1



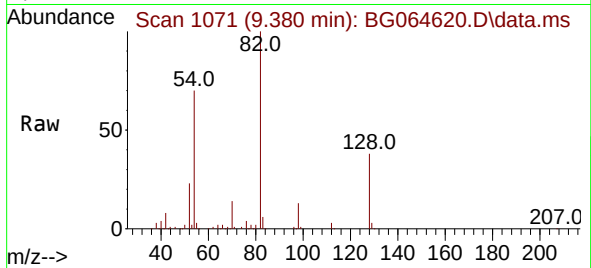


#23
Nitrobenzene-d5
Concen: 88.869 ng
RT: 9.380 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

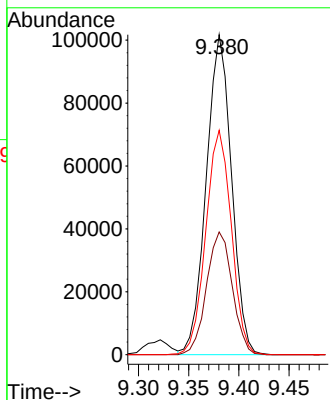
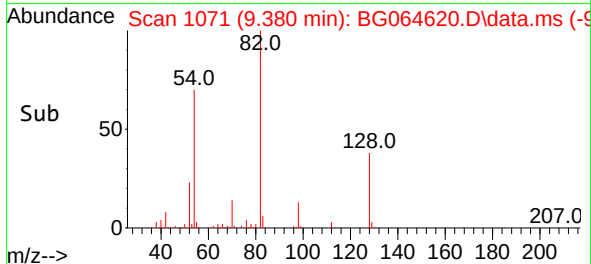
ClientSampleId :



Tgt Ion: 82 Resp: 178485
Ion Ratio Lower Upper
82 100
128 38.4 31.3 46.9
54 70.1 56.6 84.8

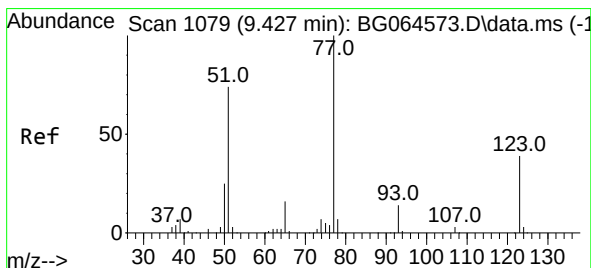
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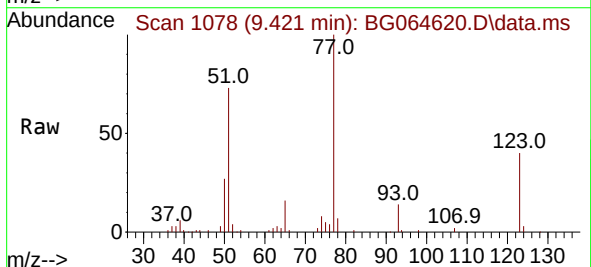


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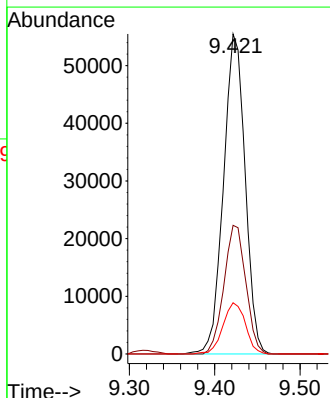
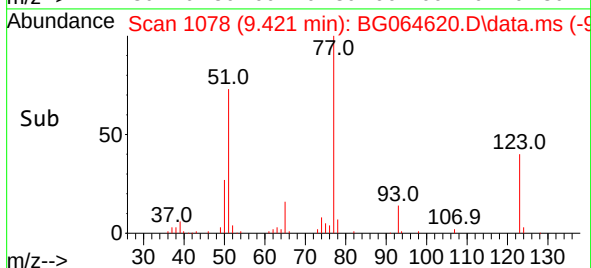
11/05/2025

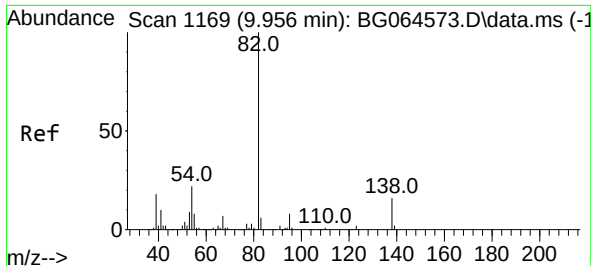


#24
Nitrobenzene
Concen: 44.773 ng
RT: 9.421 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion: 77 Resp: 97805
Ion Ratio Lower Upper
77 100
123 40.2 31.0 46.6
65 16.0 12.7 19.1



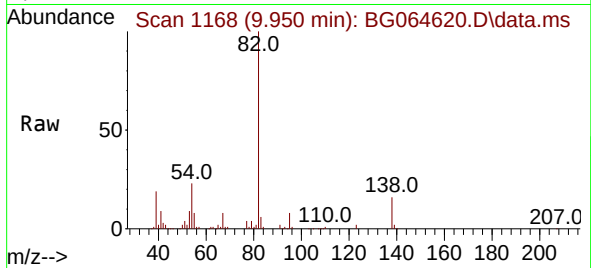


#25
Isophorone
Concen: 40.809 ng
RT: 9.950 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

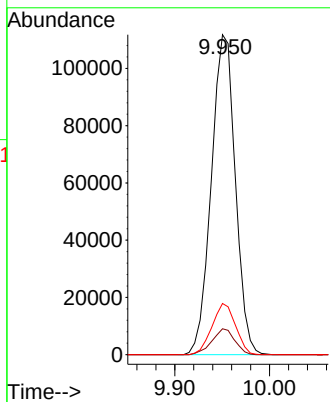
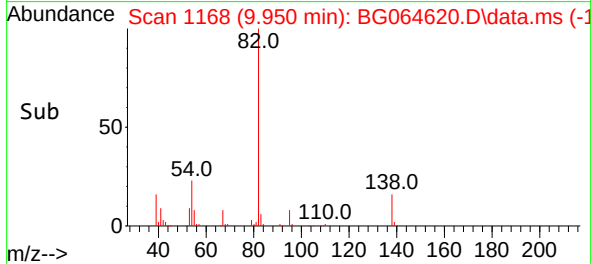


Tgt Ion: 82 Resp: 196669
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 16.0 13.0 19.4

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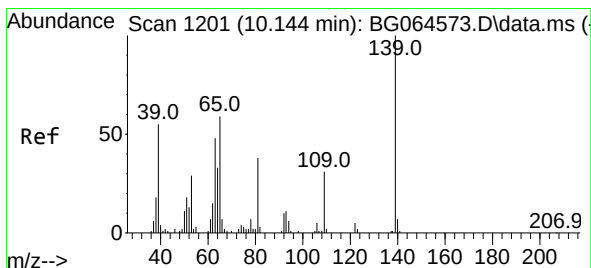
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Supervised By :mohammad ahmed 11/05/2025



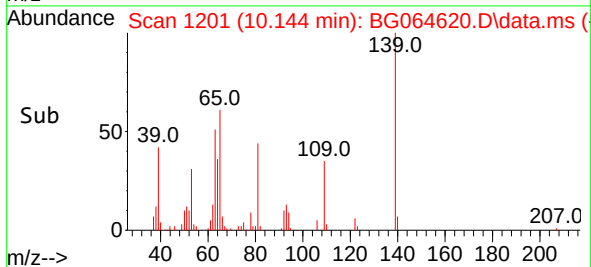
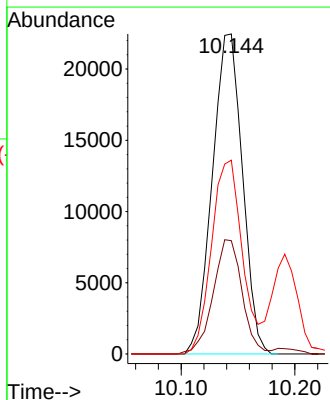
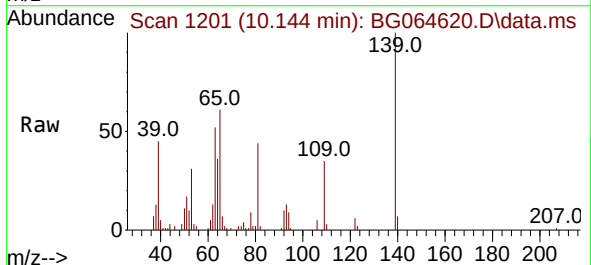
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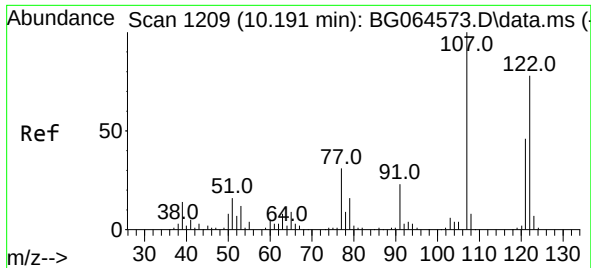
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#26
2-Nitrophenol
Concen: 48.903 ng
RT: 10.144 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:139 Resp: 41271
Ion Ratio Lower Upper
139 100
109 35.4 24.6 37.0
65 60.6 47.5 71.3



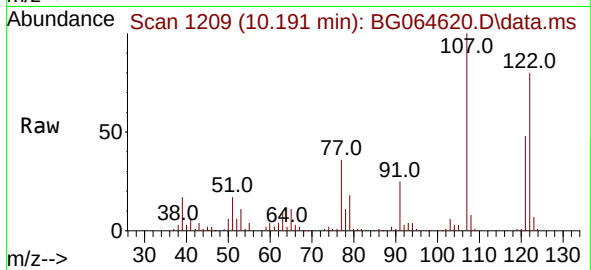


#27
2,4-Dimethylphenol
Concen: 50.790 ng
RT: 10.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

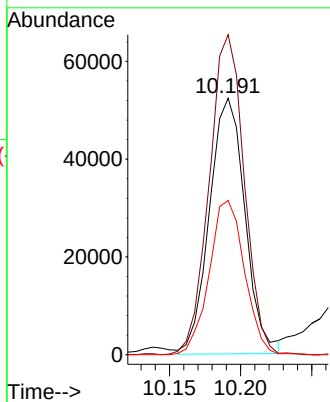
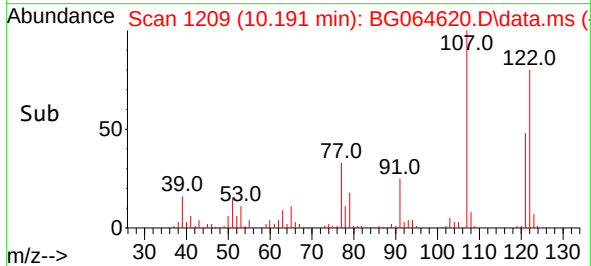


Tgt Ion:122 Resp: 91048
Ion Ratio Lower Upper
122 100
107 124.8 103.0 154.4
121 60.2 47.8 71.8

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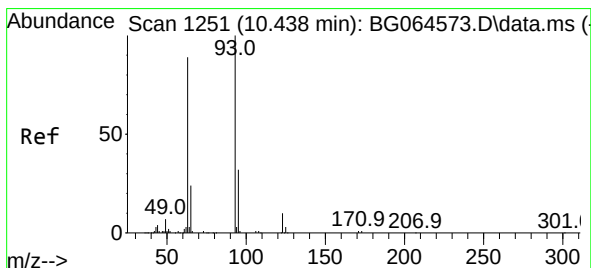
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Supervised By :mohammad ahmed 11/05/2025



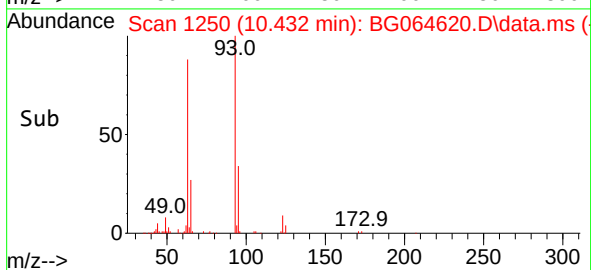
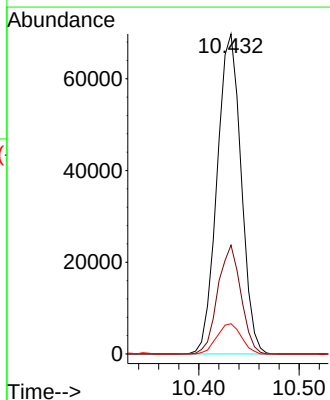
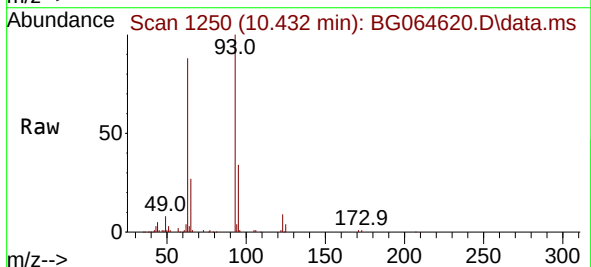
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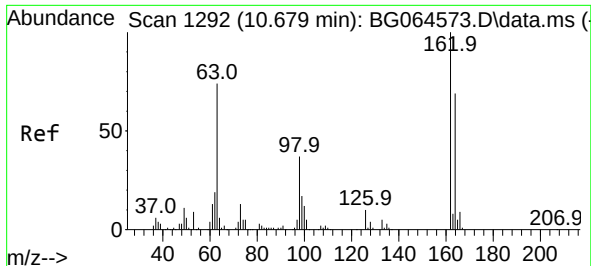
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#28
bis(2-Chloroethoxy)methane
Concen: 42.352 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

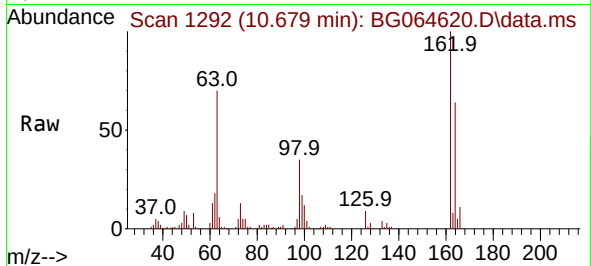
Tgt Ion: 93 Resp: 116210
Ion Ratio Lower Upper
93 100
95 34.0 25.4 38.2
123 9.5 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 49.084 ng
RT: 10.679 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

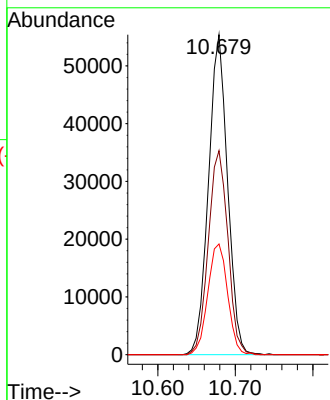
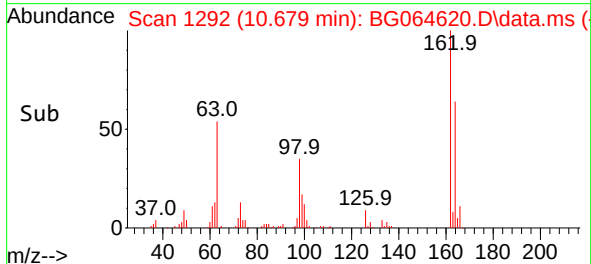
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:162 Resp: 9469
Ion Ratio Lower Upper
162 100
164 63.8 48.7 88.7
98 34.6 16.9 56.9

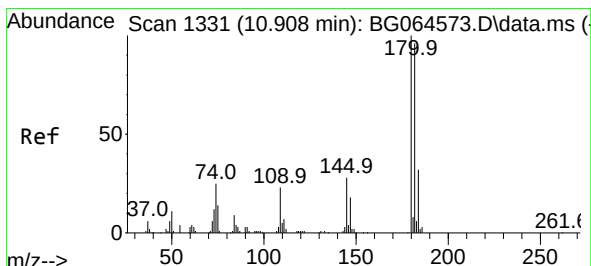
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Supervised By :mohammad ahmed 11/05/2025

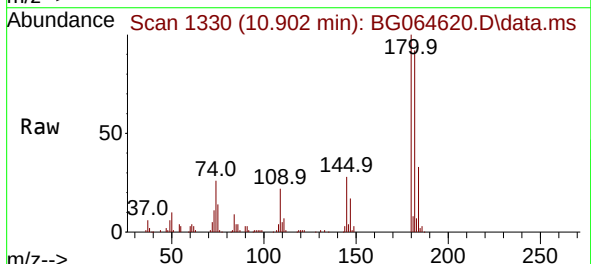


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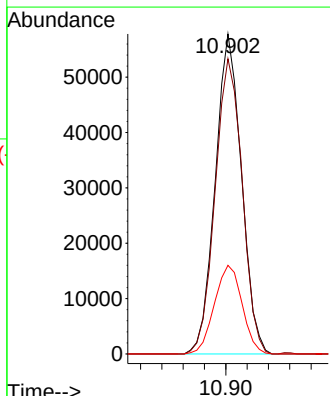
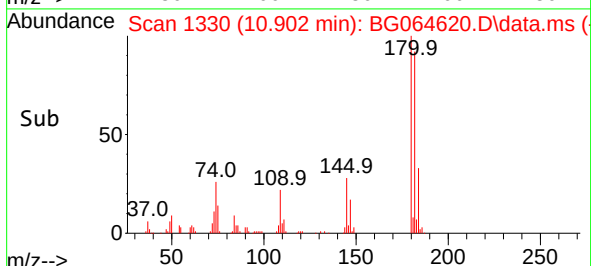
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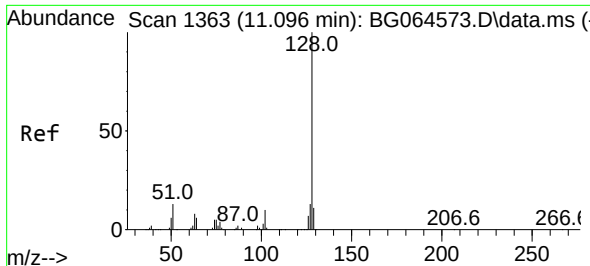


#30
1,2,4-Trichlorobenzene
Concen: 45.027 ng
RT: 10.902 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



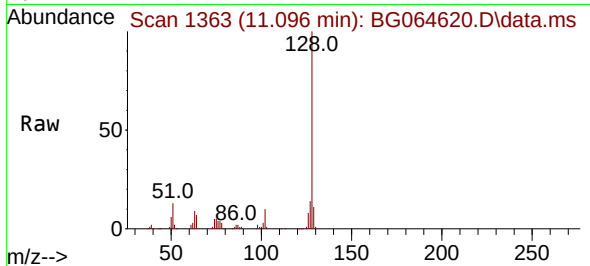
Tgt Ion:180 Resp: 98699
Ion Ratio Lower Upper
180 100
182 92.2 76.9 115.3
145 27.7 22.1 33.1





#31
Naphthalene
Concen: 40.851 ng
RT: 11.096 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

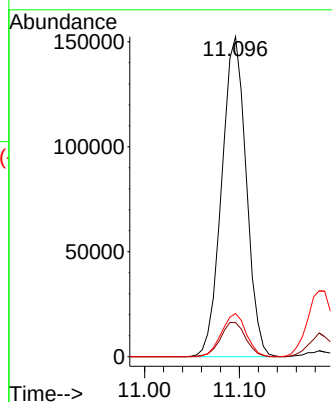
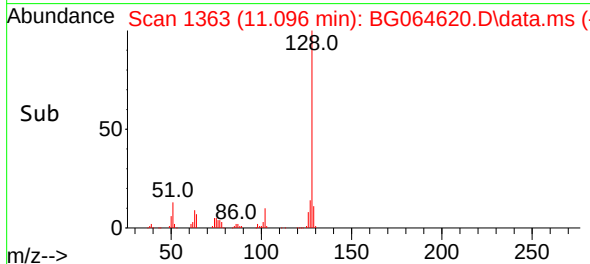
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:128 Resp: 273215
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 15.8

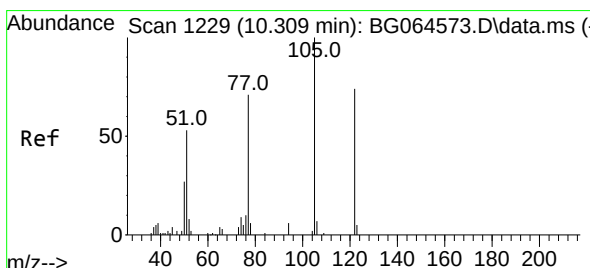
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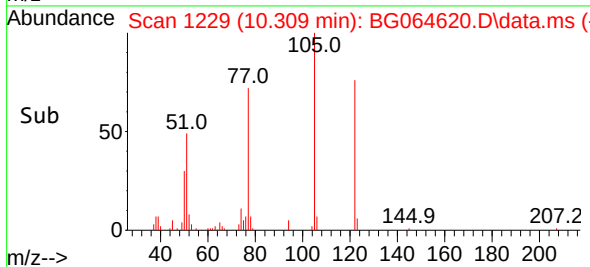
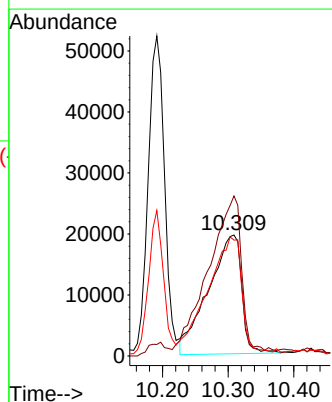
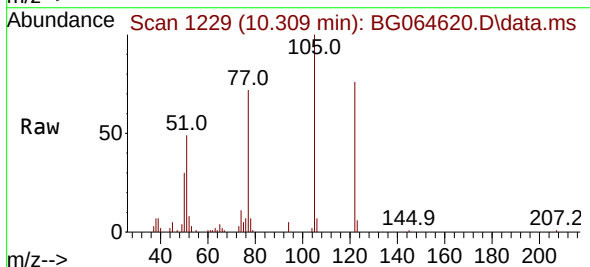
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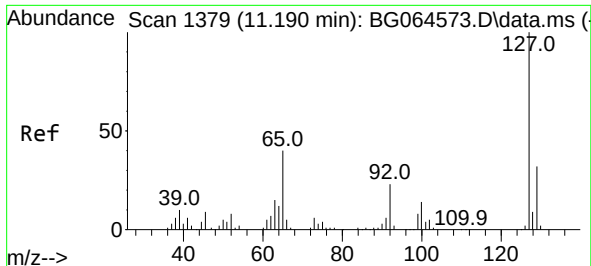
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#32
Benzoic acid
Concen: 49.760 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

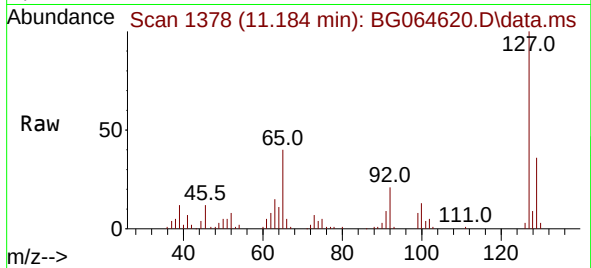
Tgt Ion:122 Resp: 68457
Ion Ratio Lower Upper
122 100
105 132.3 104.2 144.2
77 95.7 70.2 110.2





#33
4-Chloroaniline
Concen: 23.244 ng
RT: 11.184 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

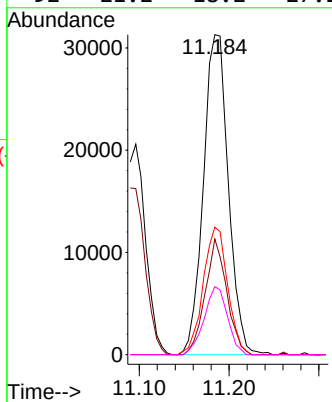
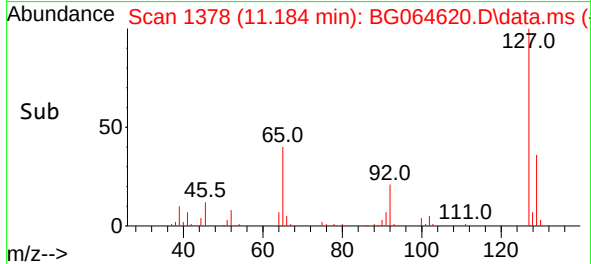
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:127 Resp: 60429
Ion Ratio Lower Upper
127 100
129 36.1 25.5 38.3
65 39.9 32.2 48.4
92 21.2 18.2 27.2

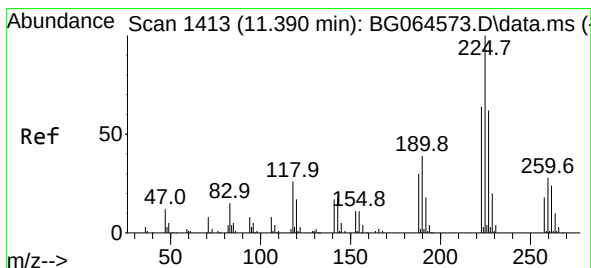
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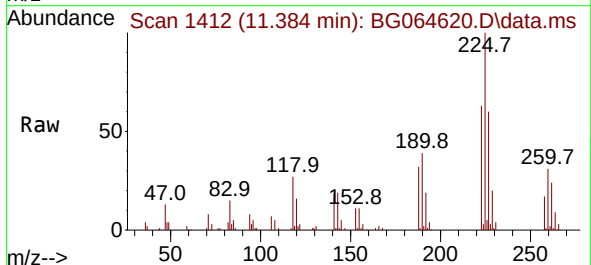


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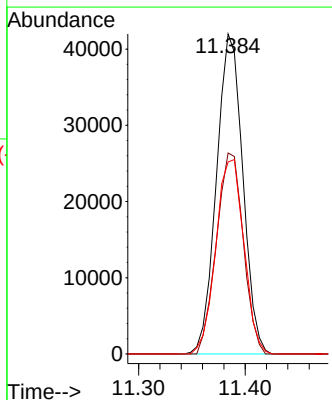
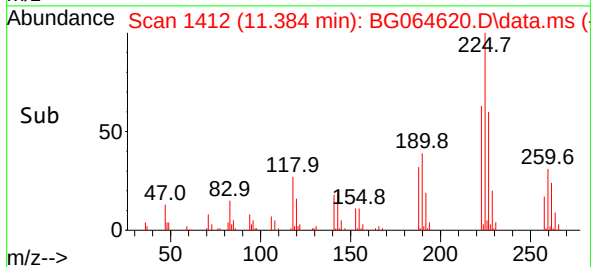
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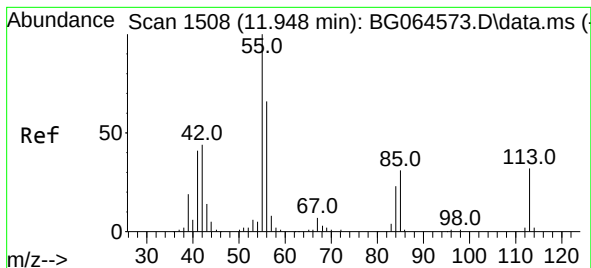


#34
Hexachlorobutadiene
Concen: 41.979 ng
RT: 11.384 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



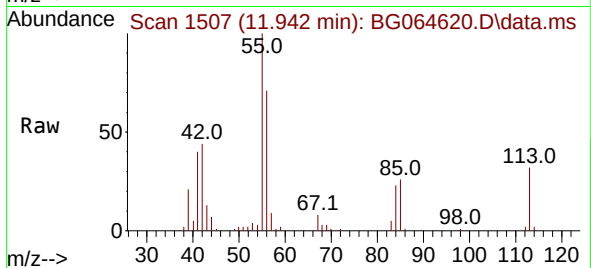
Tgt Ion:225 Resp: 71962
Ion Ratio Lower Upper
225 100
223 62.8 48.8 73.2
227 63.1 49.5 74.3





#35
Caprolactam
Concen: 45.577 ng m
RT: 11.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

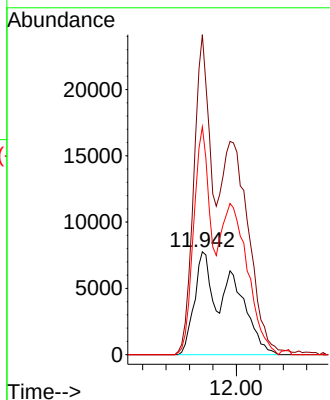
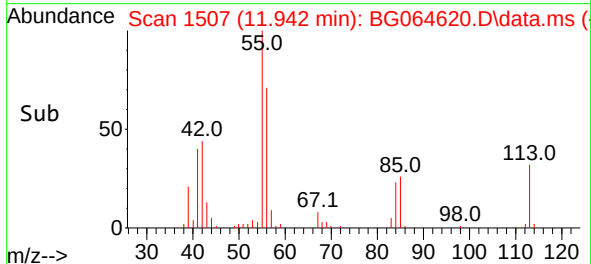
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:113 Resp: 33724
Ion Ratio Lower Upper
113 100
55 311.0 290.1 330.1
56 221.4 183.8 223.8

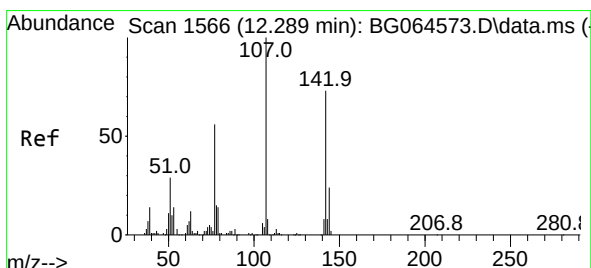
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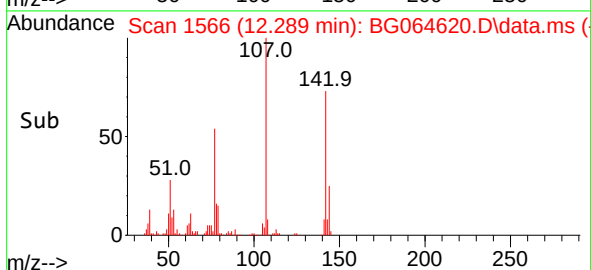
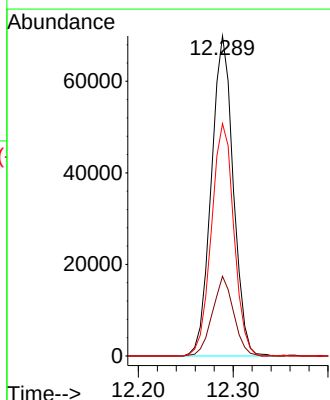
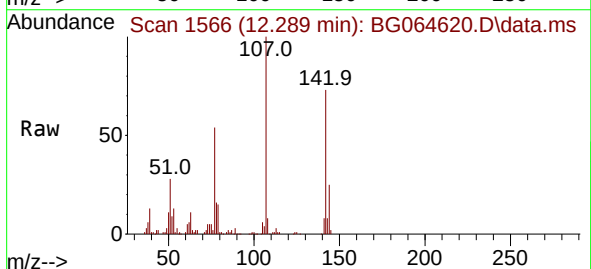
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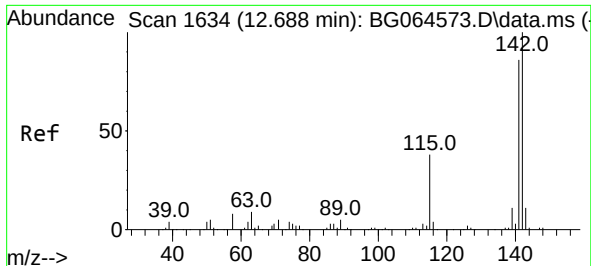
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#36
4-Chloro-3-methylphenol
Concen: 48.561 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

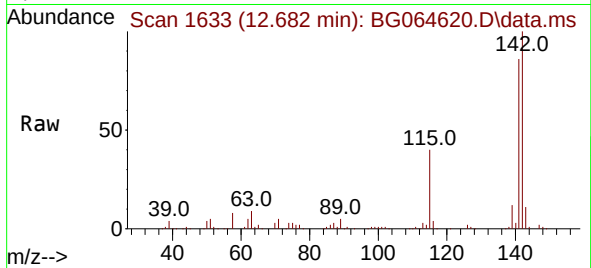
Tgt Ion:107 Resp: 112610
Ion Ratio Lower Upper
107 100
144 24.9 19.1 28.7
142 72.6 58.6 87.8





#37
2-Methylnaphthalene
Concen: 38.153 ng
RT: 12.682 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

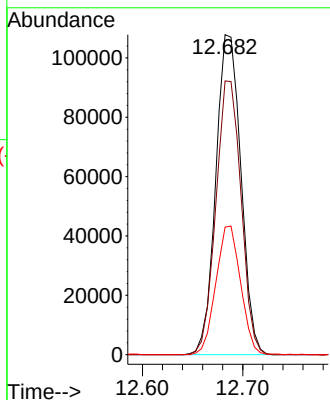
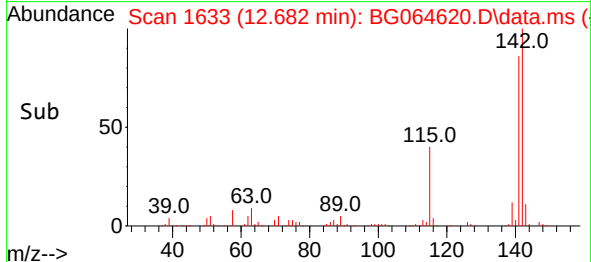
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:142 Resp: 18734
Ion Ratio Lower Upper
142 100
141 85.6 68.9 103.3
115 39.9 30.6 46.0

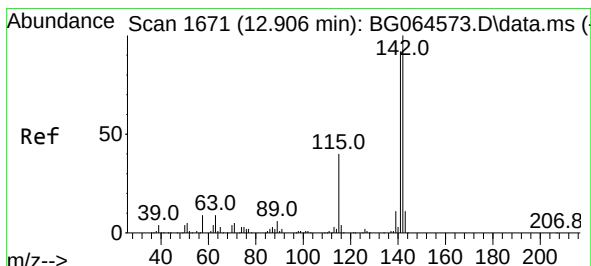
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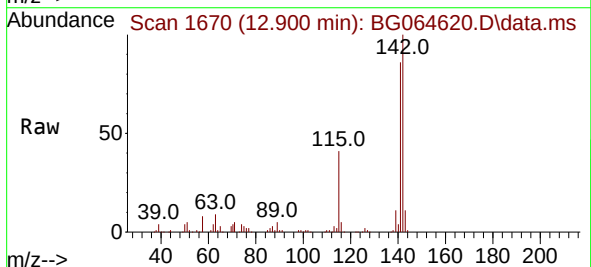


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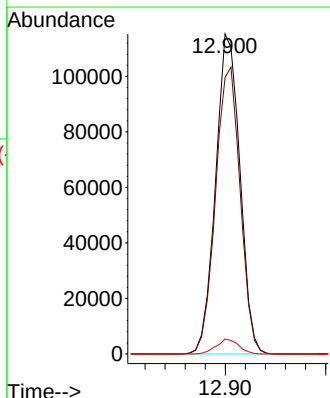
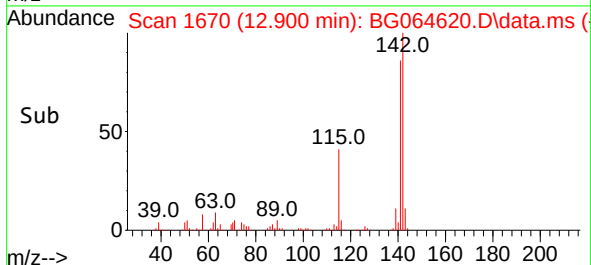
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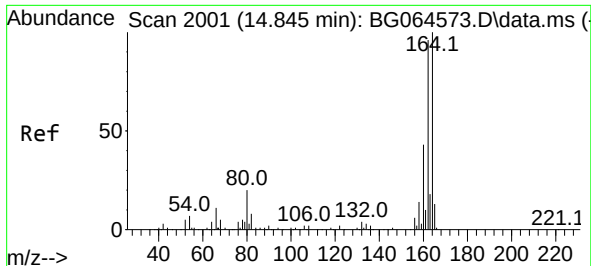


#38
1-Methylnaphthalene
Concen: 39.785 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion:142 Resp: 193398
Ion Ratio Lower Upper
142 100
141 86.4 73.3 109.9
116 4.7 3.1 4.7



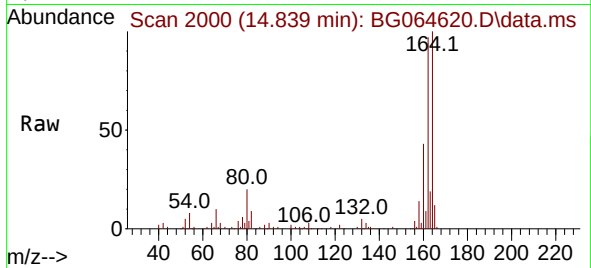


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

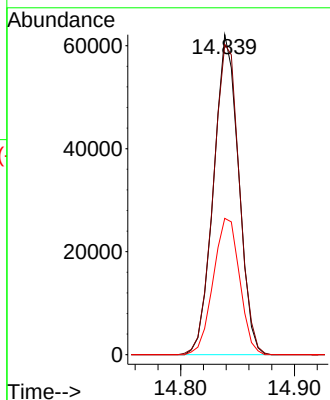
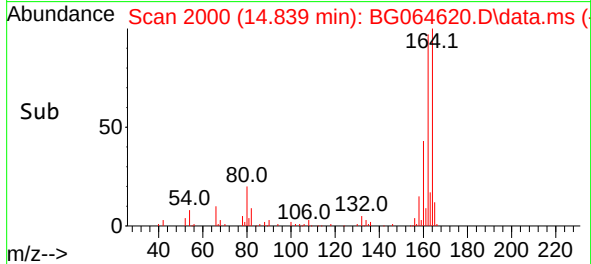


Tgt Ion:164 Resp: 9477
Ion Ratio Lower Upper
164 100
162 96.9 77.0 115.6
160 42.6 34.4 51.6

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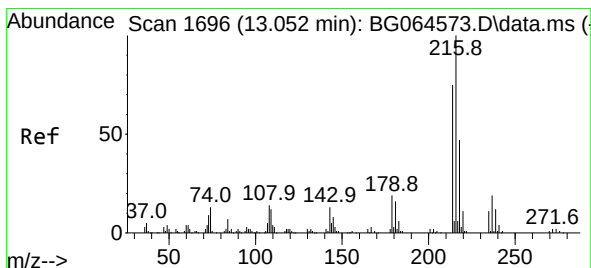
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

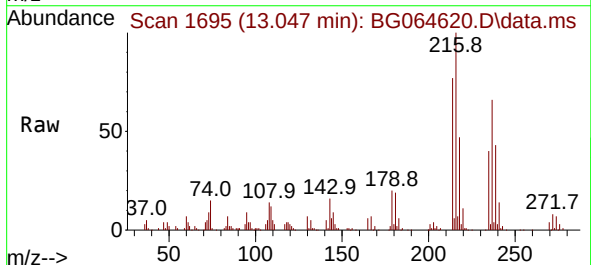


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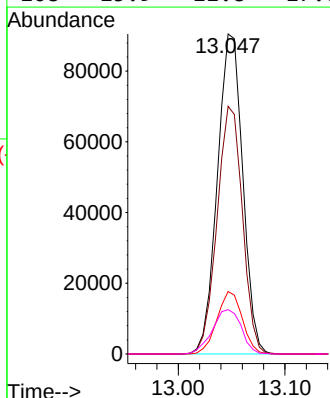
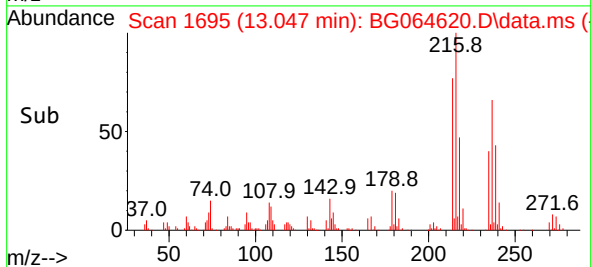
11/05/2025

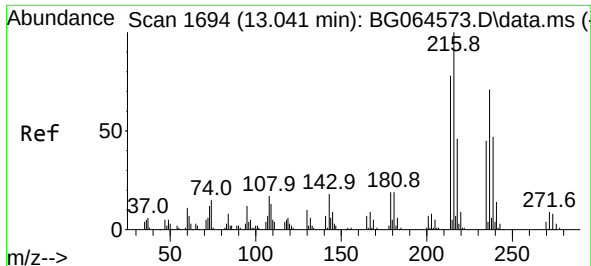


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.983 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



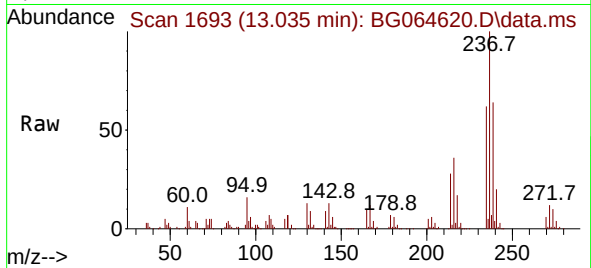
Tgt Ion:216 Resp: 149444
Ion Ratio Lower Upper
216 100
214 77.3 61.4 92.2
179 19.5 15.4 23.0
108 15.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 124.993 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

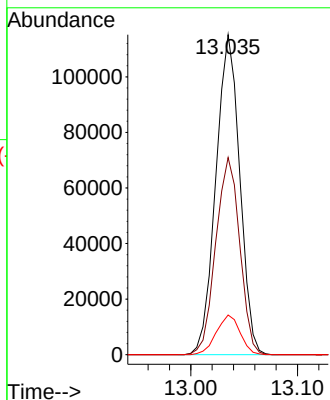
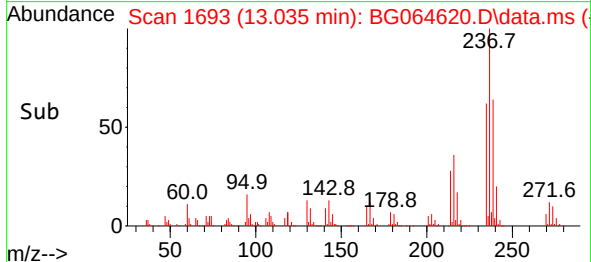
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:237 Resp: 17895
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 12.4 0.0 32.4

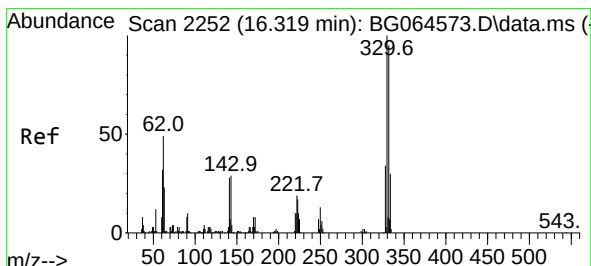
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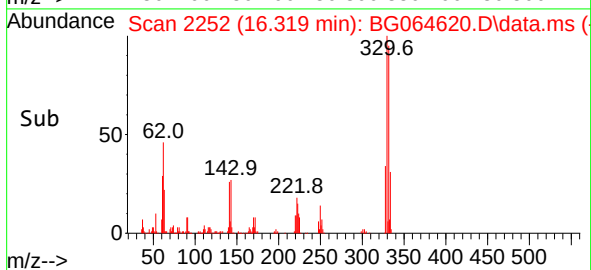
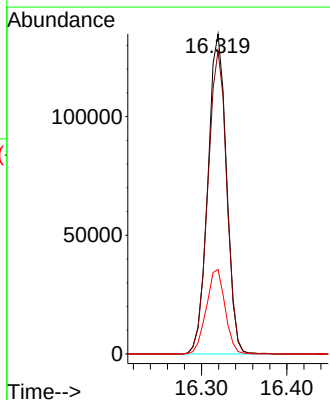
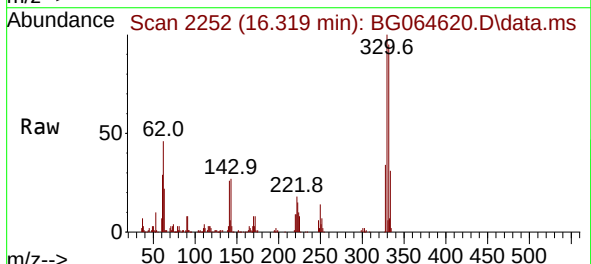
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Supervised By :mohammad
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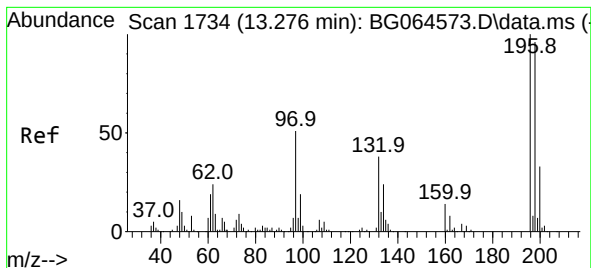
11/05/2025



#42
2,4,6-Tribromophenol
Concen: 149.889 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

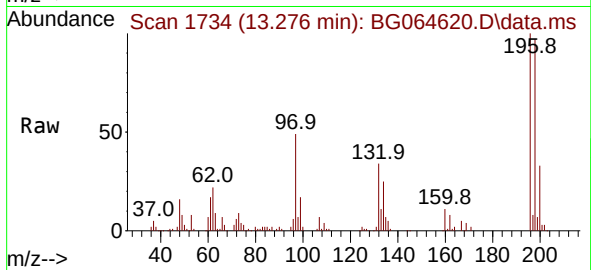
Tgt Ion:330 Resp: 205036
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 26.6 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 49.543 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

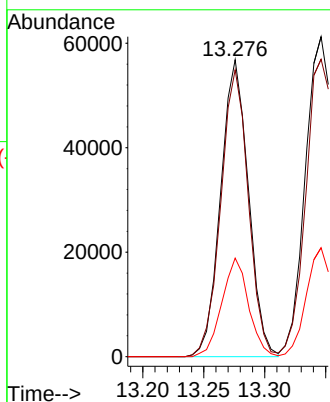
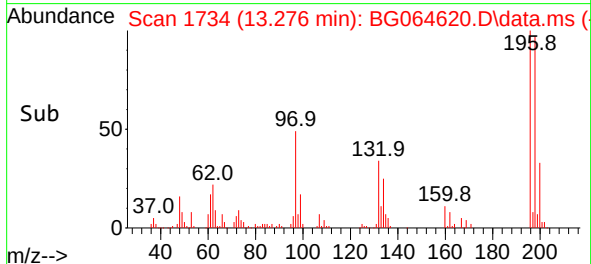
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:196 Resp: 90140
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
200 33.2 26.0 39.0

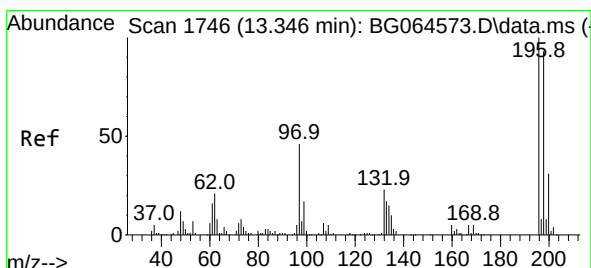
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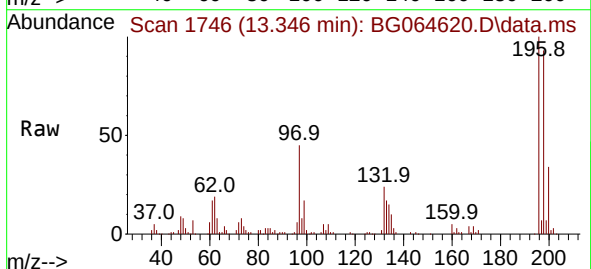


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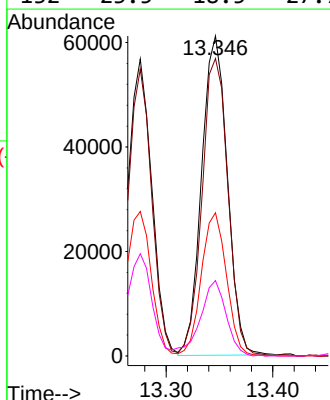
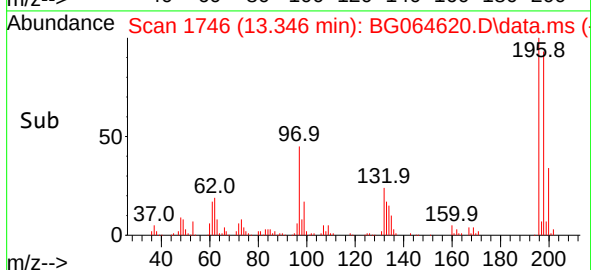
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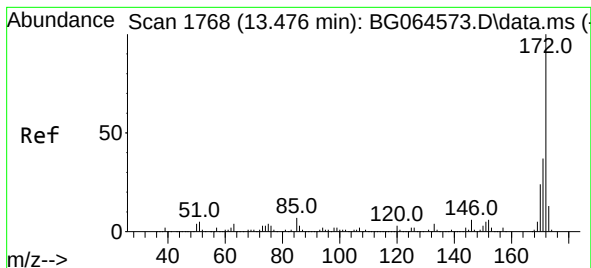


#44
2,4,5-Trichlorophenol
Concen: 48.926 ng
RT: 13.346 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



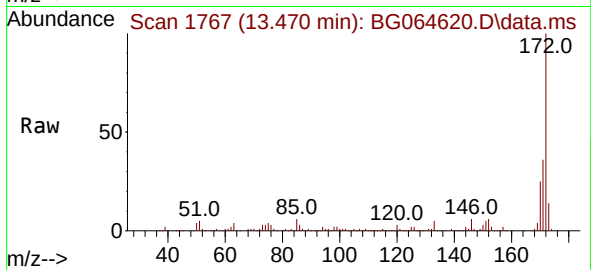
Tgt Ion:196 Resp: 102727
Ion Ratio Lower Upper
196 100
198 92.9 74.2 111.4
97 44.8 37.0 55.6
132 23.5 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 81.029 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

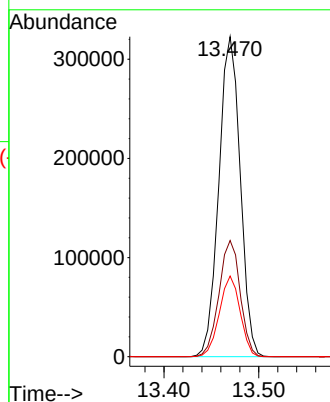
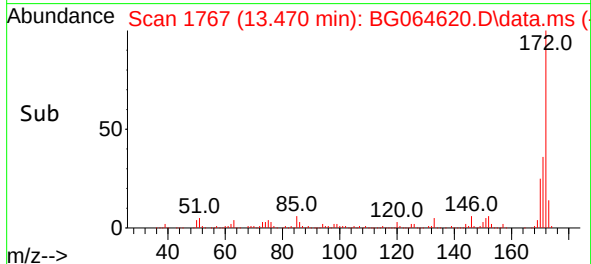
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:172 Resp: 506660
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 25.2 19.1 28.7

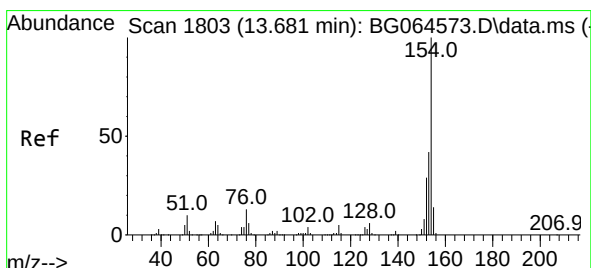
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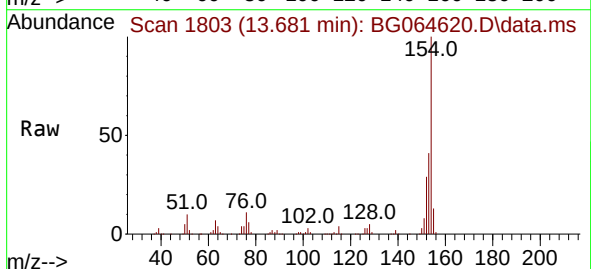


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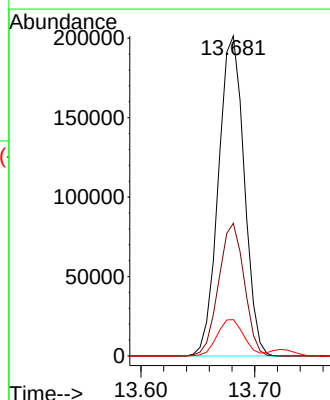
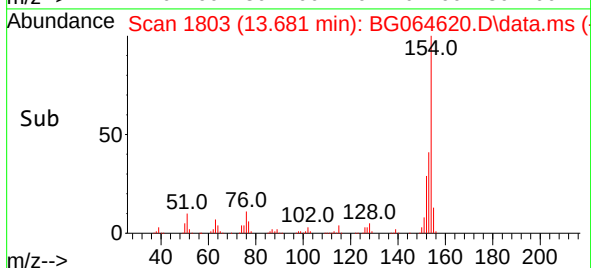
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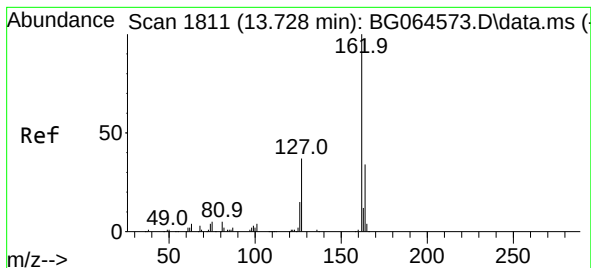


#46
1,1'-Biphenyl
Concen: 47.072 ng
RT: 13.681 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion:154 Resp: 317174
Ion Ratio Lower Upper
154 100
153 41.5 22.4 62.4
76 11.4 0.0 33.5



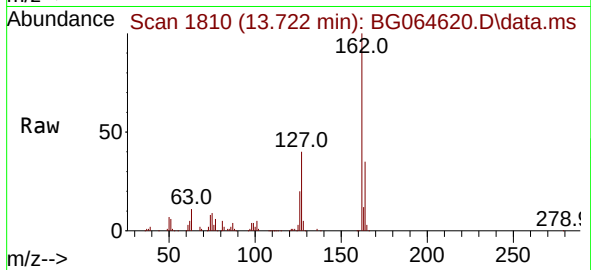


#47
2-Chloronaphthalene
Concen: 42.458 ng
RT: 13.722 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

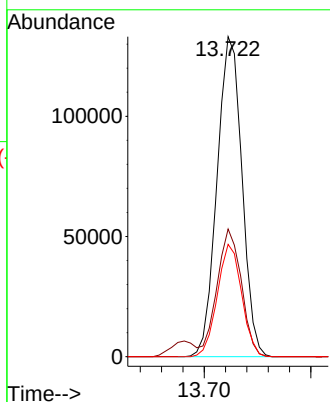
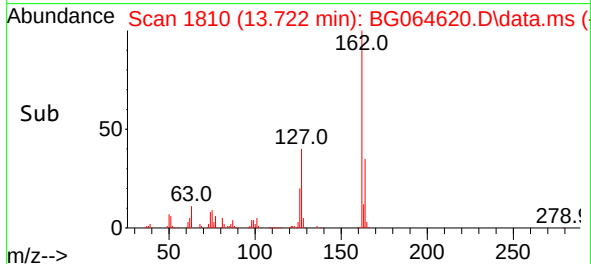
ClientSampleId :



Tgt Ion:162 Resp: 21594
Ion Ratio Lower Upper
162 100
127 39.9 32.2 48.2
164 35.1 27.5 41.3

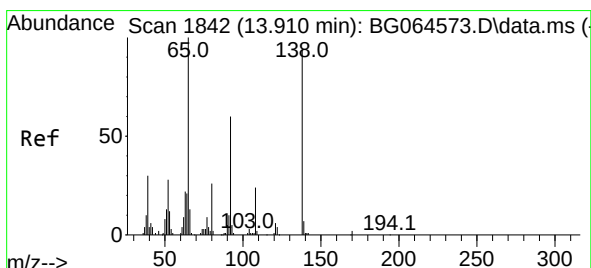
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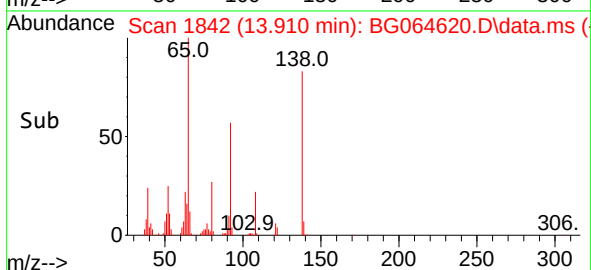
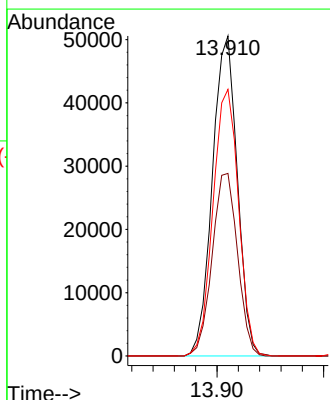
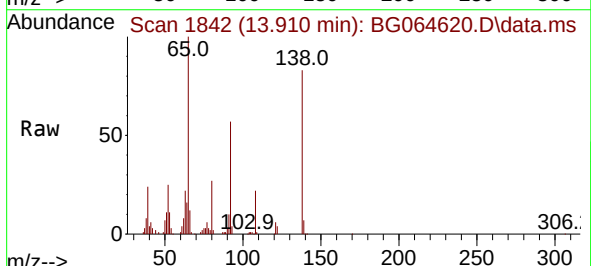
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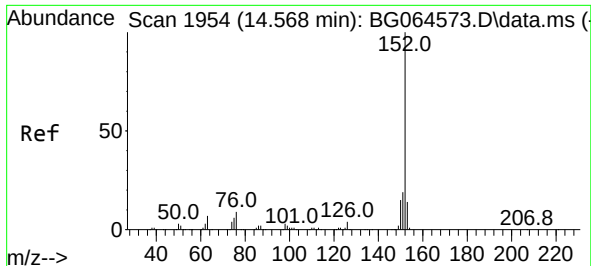
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#48
2-Nitroaniline
Concen: 48.011 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

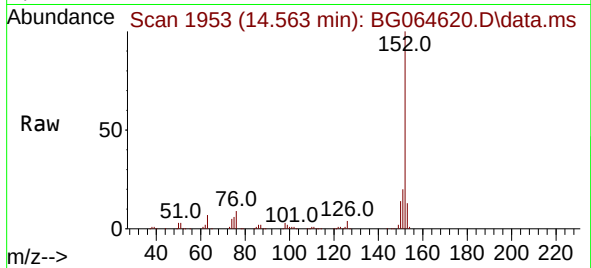
Tgt Ion: 65 Resp: 81976
Ion Ratio Lower Upper
65 100
92 57.1 48.3 72.5
138 83.3 74.9 112.3





#49
Acenaphthylene
Concen: 50.098 ng
RT: 14.563 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

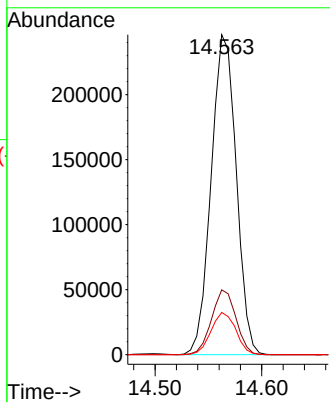
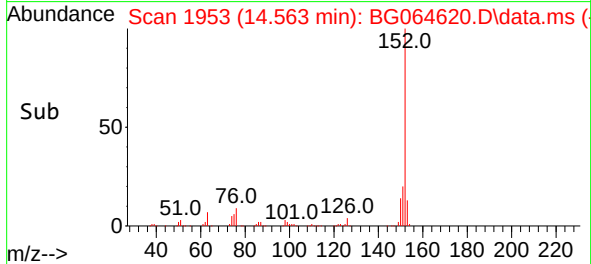
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:152 Resp: 401904
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.2
153 13.2 11.0 16.4

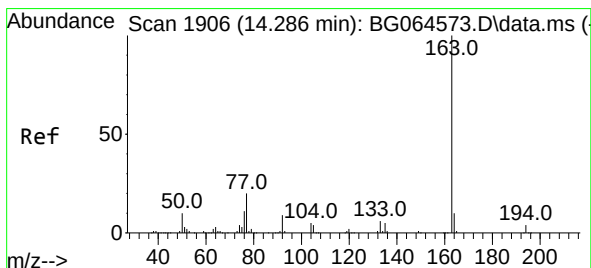
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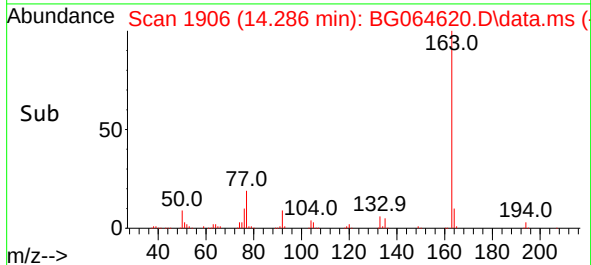
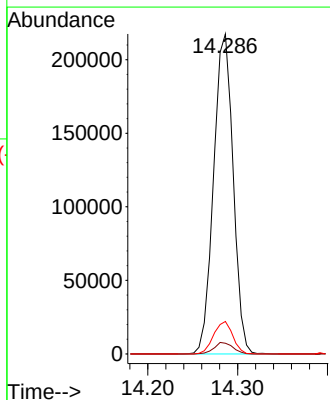
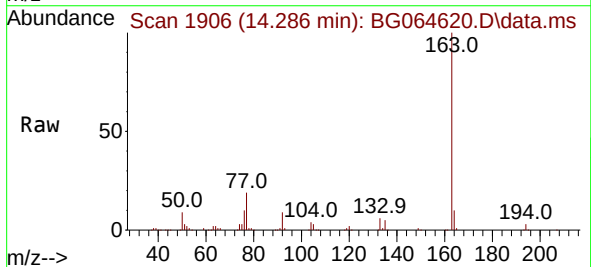
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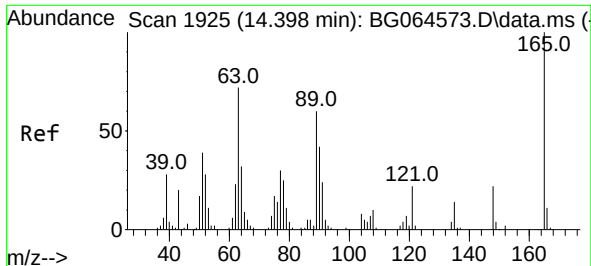
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#50
Dimethylphthalate
Concen: 45.335 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

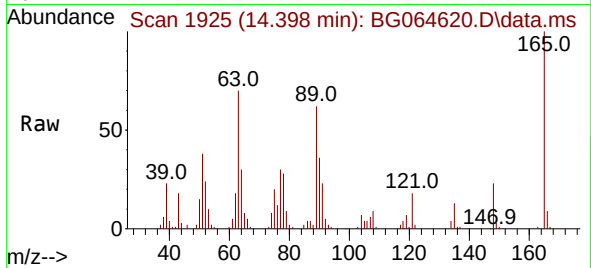
Tgt Ion:163 Resp: 328784
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.2 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 51.784 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

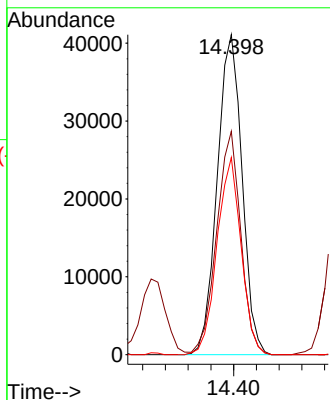
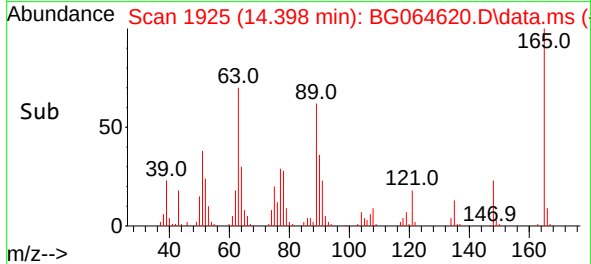
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:165 Resp: 62290
Ion Ratio Lower Upper
165 100
63 69.8 57.4 86.0
89 61.6 47.8 71.8

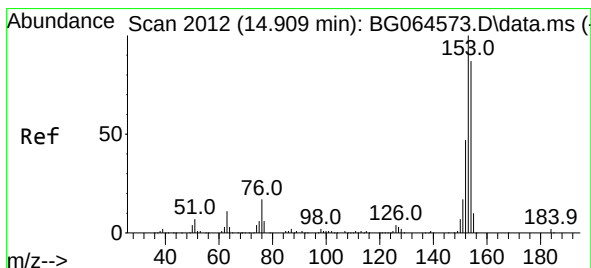
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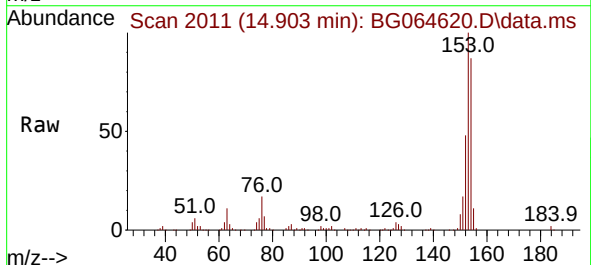


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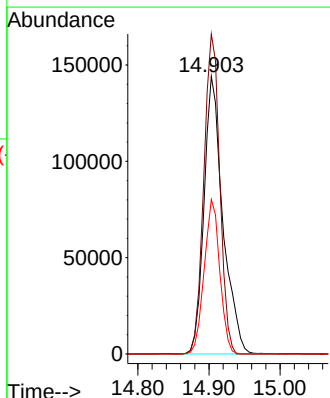
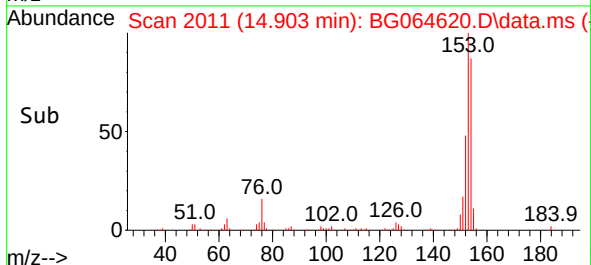
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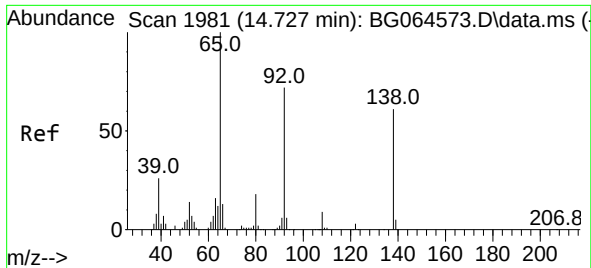


#52
Acenaphthene
Concen: 48.574 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



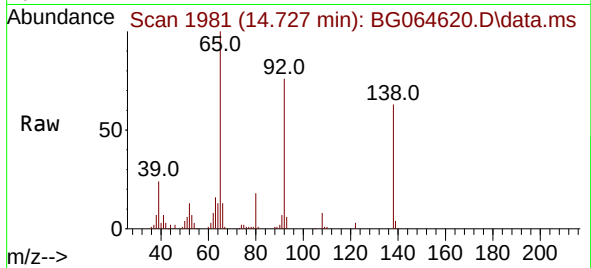
Tgt Ion:154 Resp: 266233
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 55.6 43.2 64.8





#53
3-Nitroaniline
Concen: 37.086 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

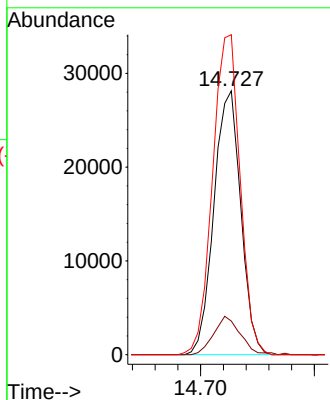
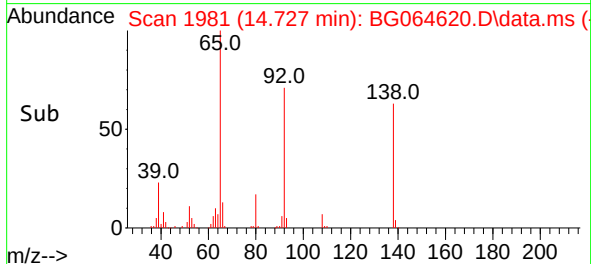
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:138 Resp: 4622
Ion Ratio Lower Upper
138 100
108 12.7 11.4 17.0
92 121.3 95.3 142.9

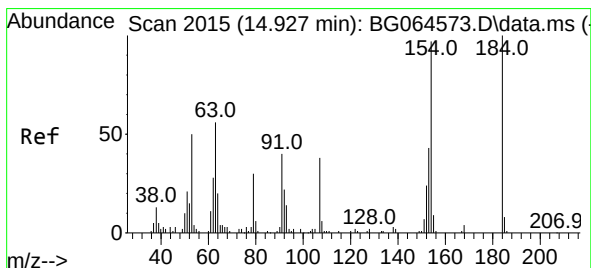
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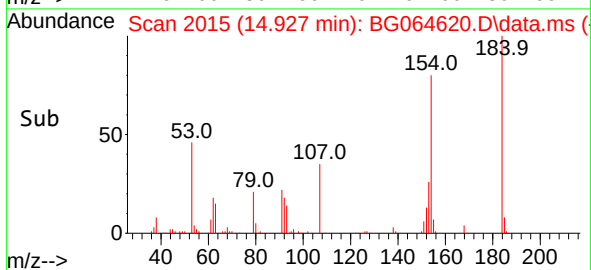
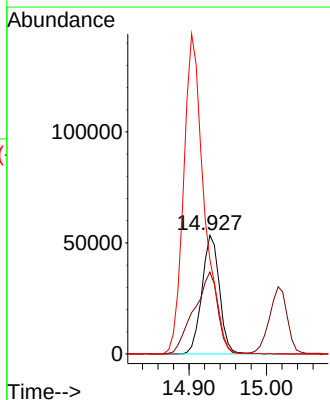
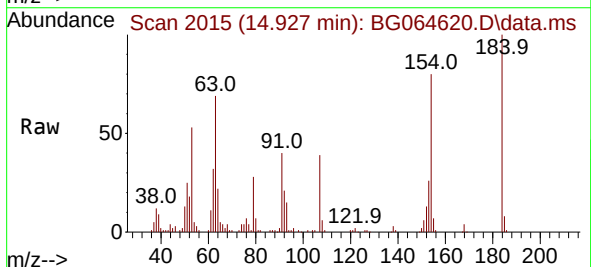
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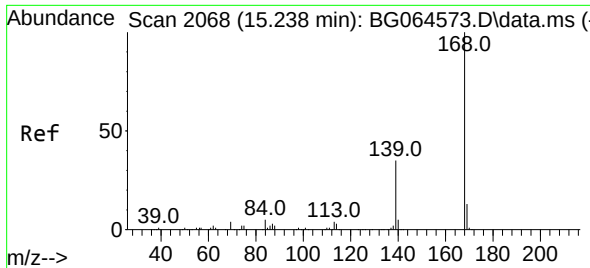
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#54
2,4-Dinitrophenol
Concen: 111.772 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

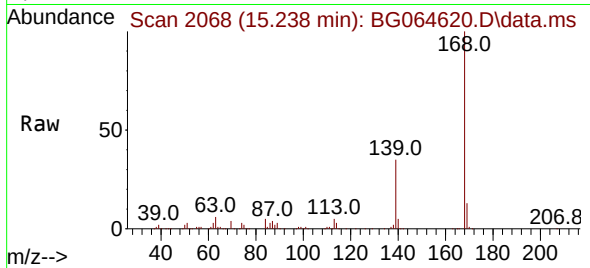
Tgt Ion:184 Resp: 83820
Ion Ratio Lower Upper
184 100
63 69.0 56.6 85.0
154 79.8 158.6 238.0#





#55
Dibenzenofuran
Concen: 44.101 ng
RT: 15.238 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

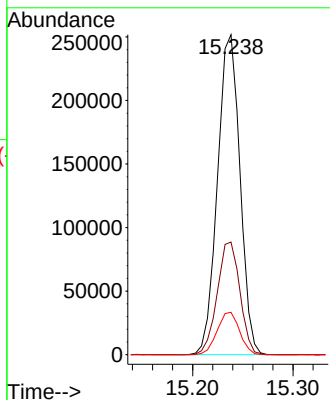
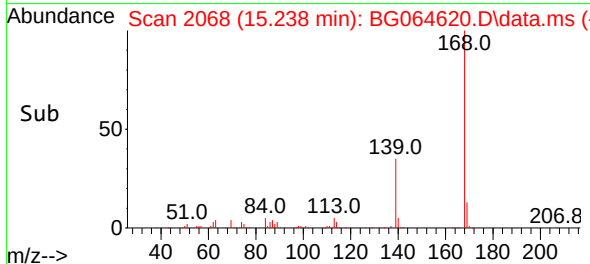
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:168 Resp: 390784
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8
169 13.2 10.3 15.5

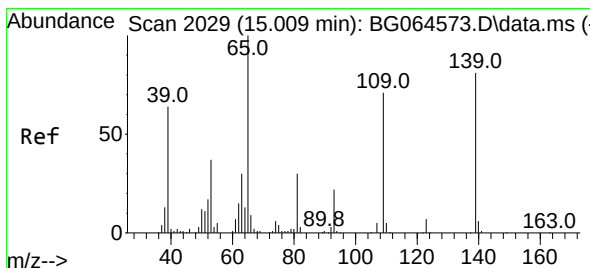
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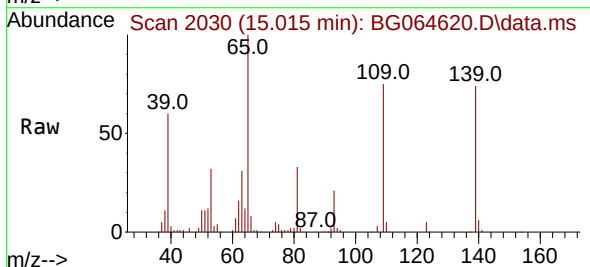


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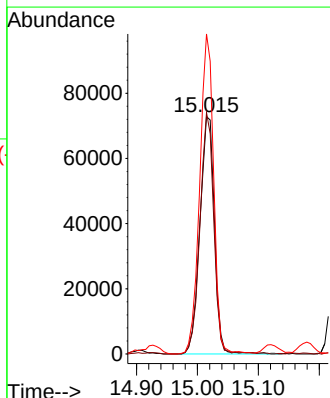
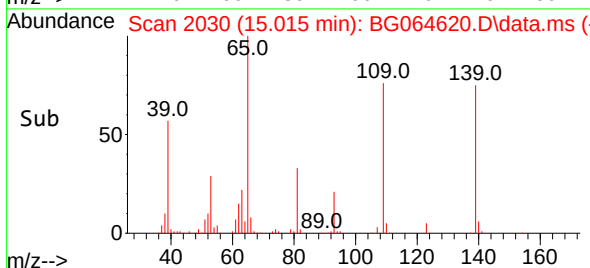
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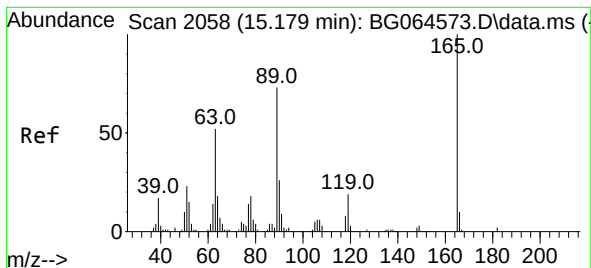


#56
4-Nitrophenol
Concen: 104.595 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



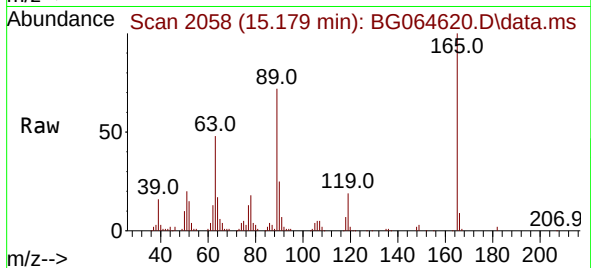
Tgt Ion:139 Resp: 120864
Ion Ratio Lower Upper
139 100
109 101.7 67.8 107.8
65 134.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 50.914 ng
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

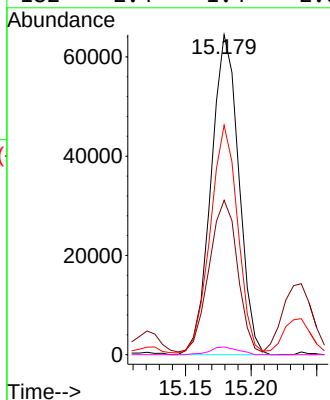
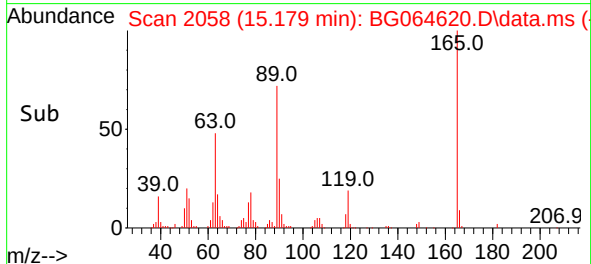
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:165 Resp: 94560
Ion Ratio Lower Upper
165 100
63 48.3 41.8 62.8
89 71.7 58.1 87.1
182 2.4 1.4 2.0#

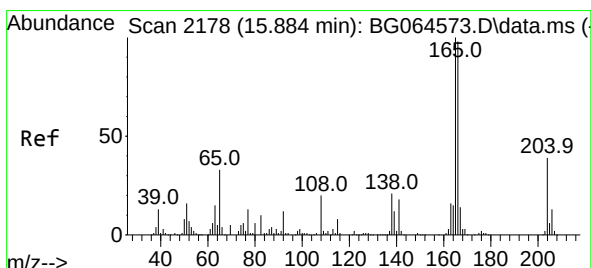
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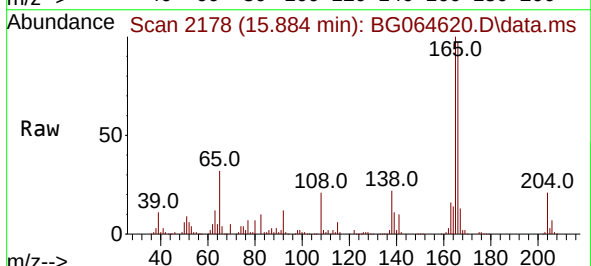


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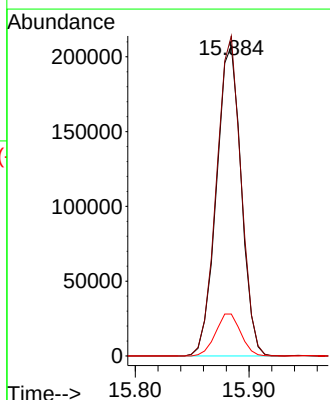
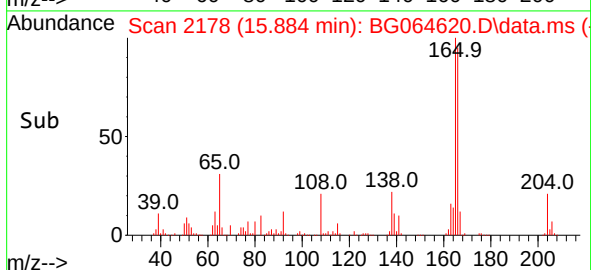
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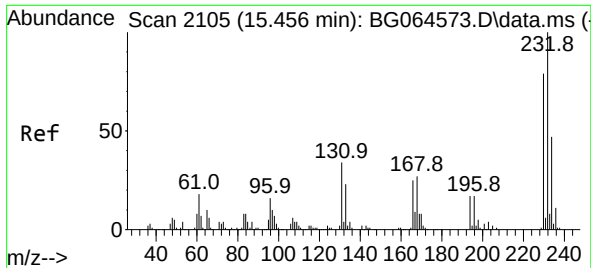


#58
Fluorene
Concen: 45.268 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



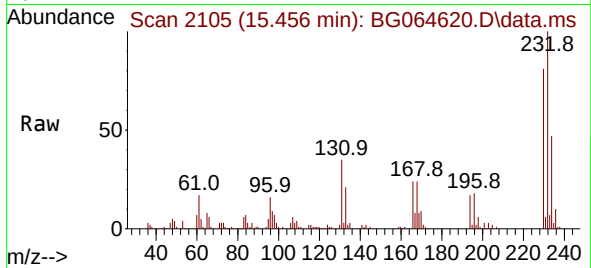
Tgt Ion:166 Resp: 313265
Ion Ratio Lower Upper
166 100
165 103.2 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.432 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

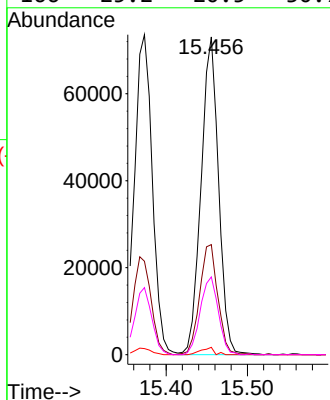
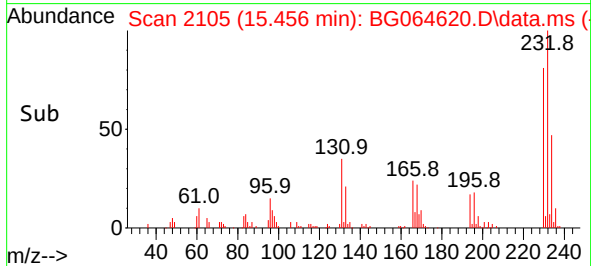
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:232 Resp: 109281
Ion Ratio Lower Upper
232 100
131 35.9 26.7 40.1
130 1.8 1.6 2.4
166 25.2 20.5 30.7

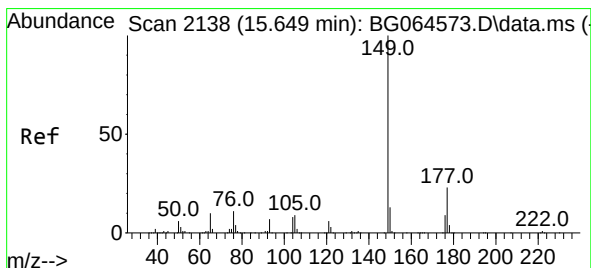
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



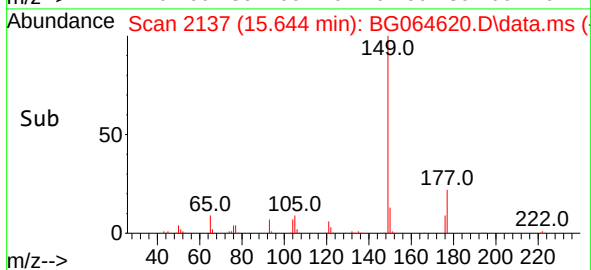
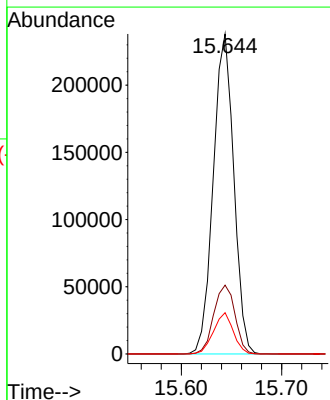
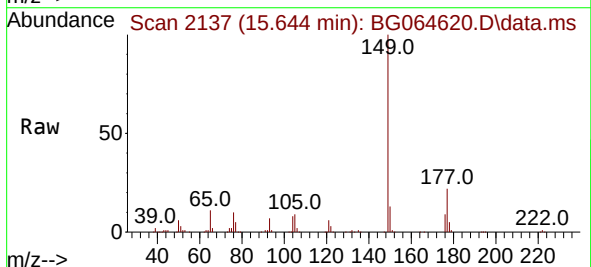
11/04/2025
Supervised By :mohammad
ahmed

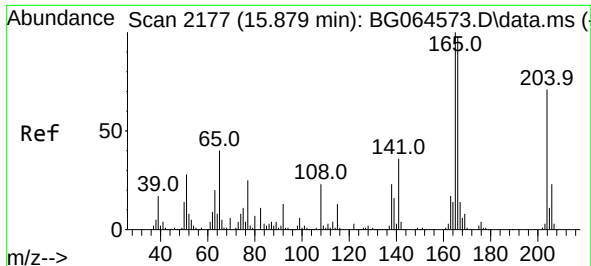
11/05/2025



#60
Diethylphthalate
Concen: 45.617 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

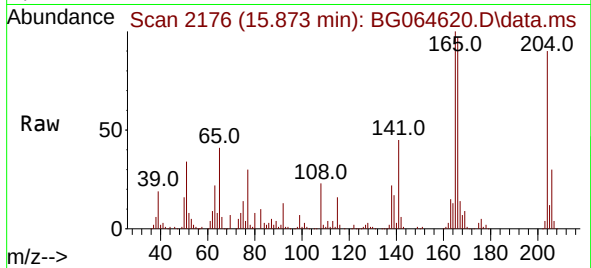
Tgt Ion:149 Resp: 337793
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.872 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

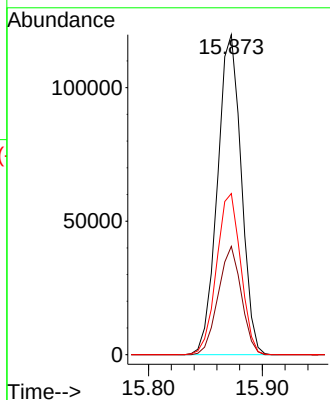
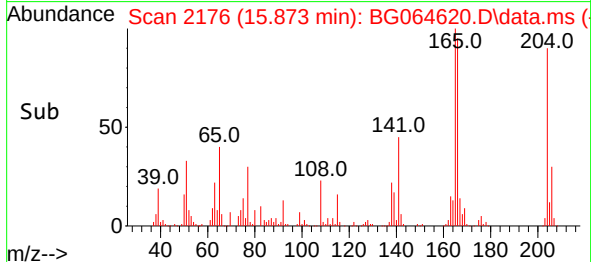
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:204 Resp: 17426
Ion Ratio Lower Upper
204 100
206 33.9 25.6 38.4
141 50.3 40.6 60.8

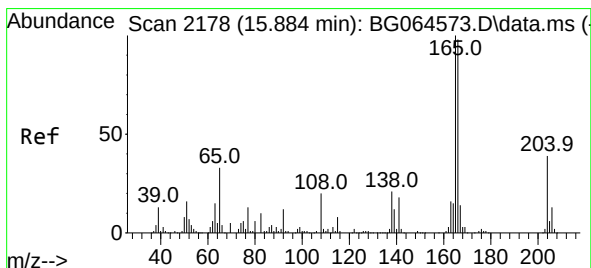
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

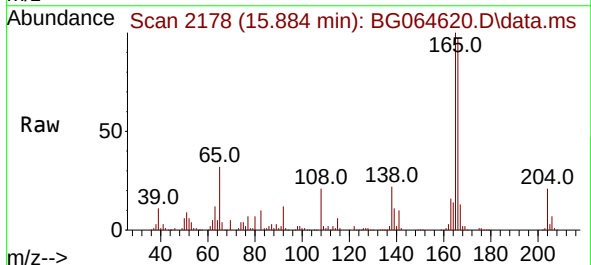


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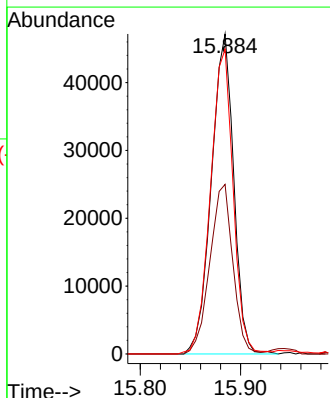
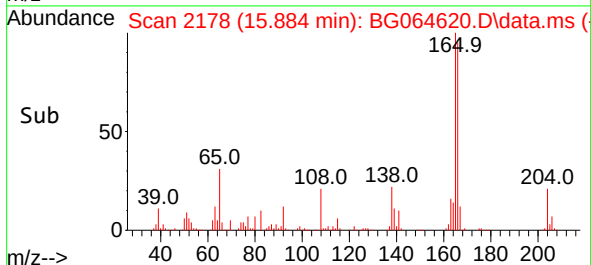
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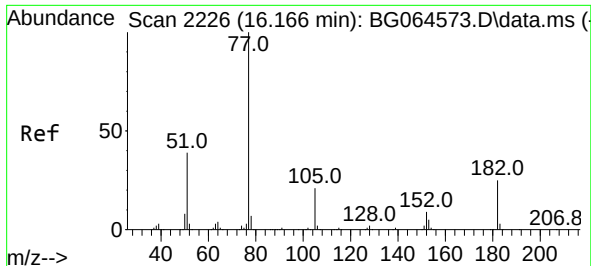


#62
4-Nitroaniline
Concen: 52.542 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion:138 Resp: 72854
Ion Ratio Lower Upper
138 100
92 53.0 36.1 76.1
108 95.2 75.6 115.6



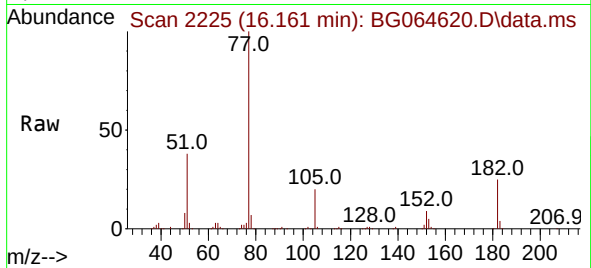


#63
 Azobenzene
 Concen: 45.256 ng
 RT: 16.161 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064620.D
 Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

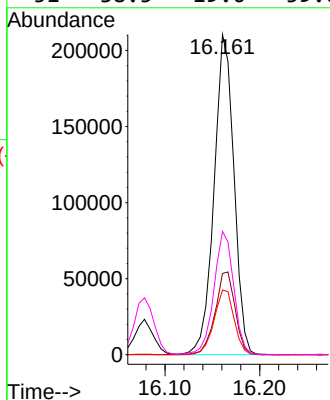
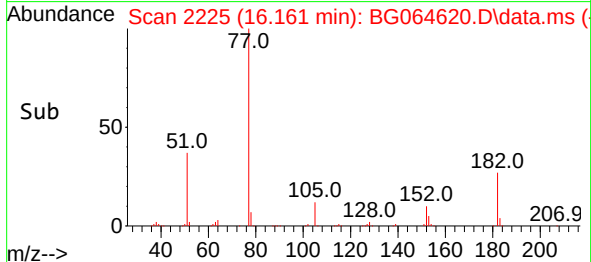


Tgt Ion: 77 Resp: 307485
 Ion Ratio Lower Upper
 77 100
 182 25.4 4.9 44.9
 105 20.2 1.3 41.3
 51 38.5 19.0 59.0

Manual Integrations

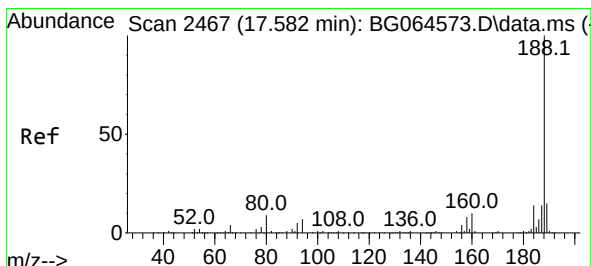
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

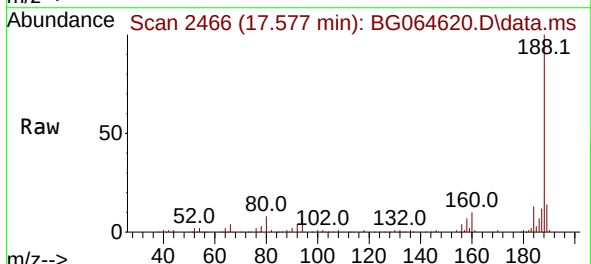


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 Supervised By :mohammad
 ahmed

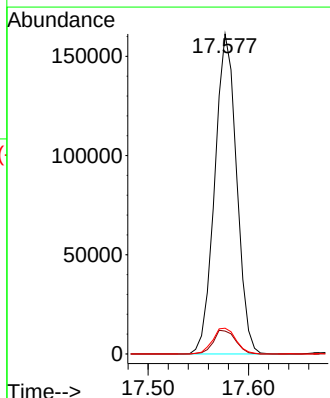
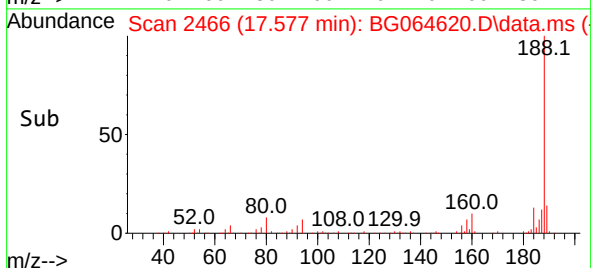
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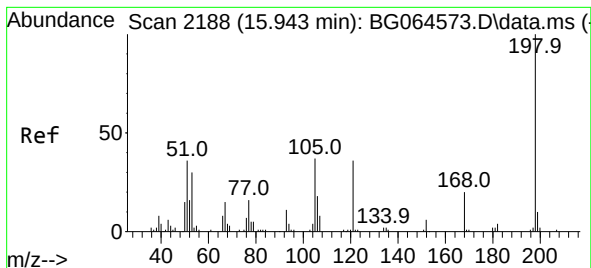


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.577 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BG064620.D
 Acq: 29 Oct 2025 12:44



Tgt Ion:188 Resp: 243860
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.7 8.5
 80 8.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.995 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

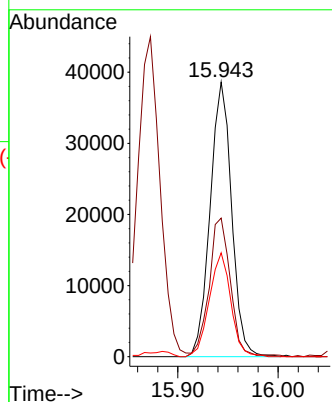
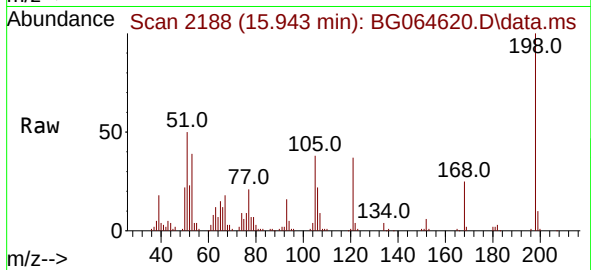
BNA_G

ClientSampleId :

Tgt Ion:198 Resp: 57550
Ion Ratio Lower Upper
198 100
51 50.5 24.7 64.7
105 37.8 18.0 58.0

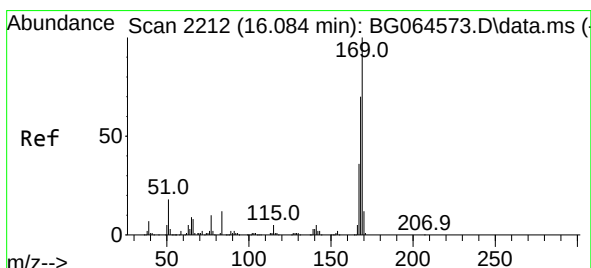
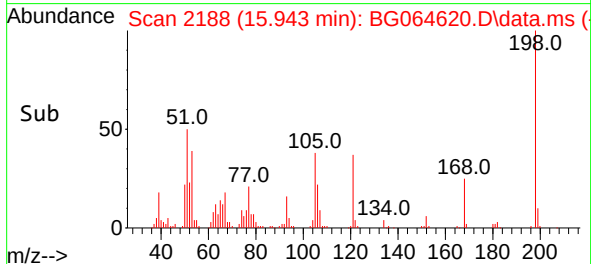
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



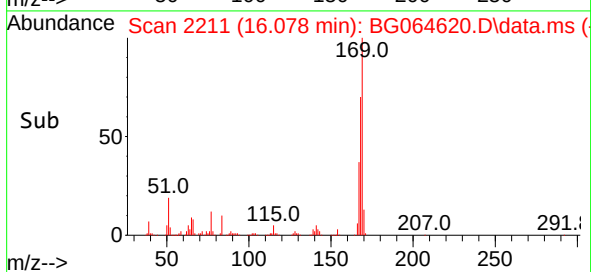
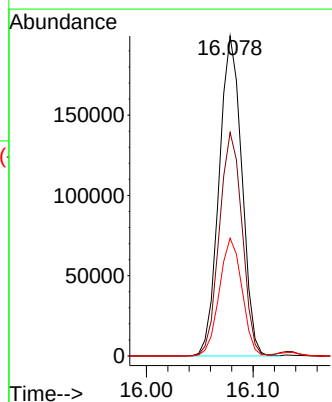
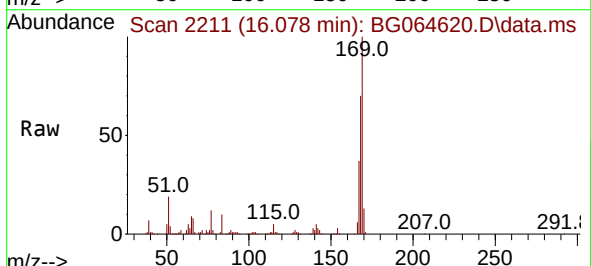
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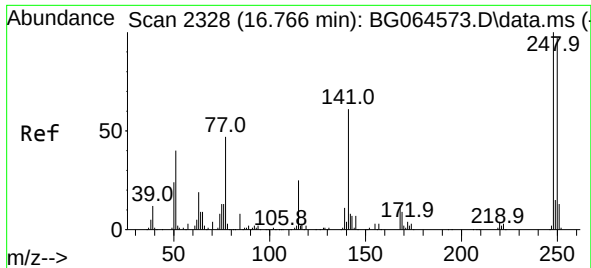
11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 44.796 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

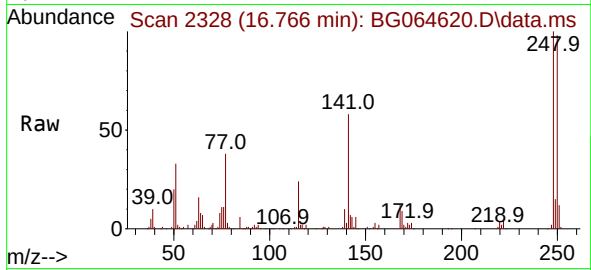
Tgt Ion:169 Resp: 295082
Ion Ratio Lower Upper
169 100
168 69.8 56.3 84.5
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.642 ng
RT: 16.766 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

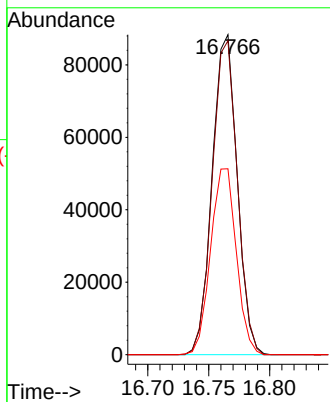
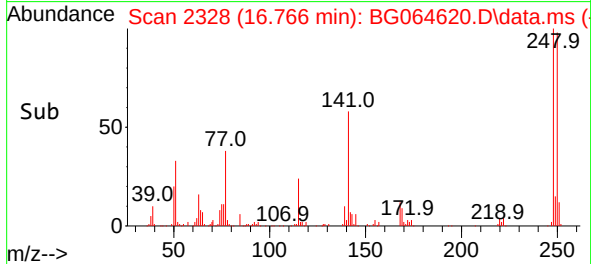
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:248 Resp: 126118
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 58.1 48.6 72.8

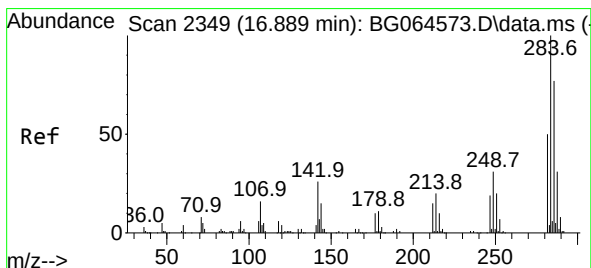
Manual Integrations
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Supervised By :mohammad ahmed 11/05/2025

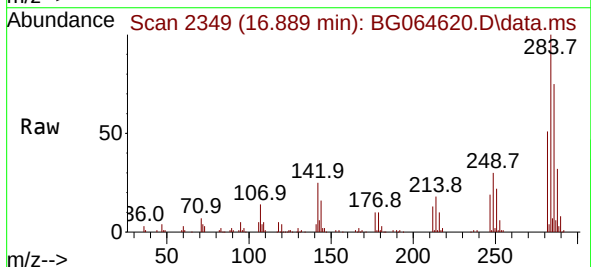


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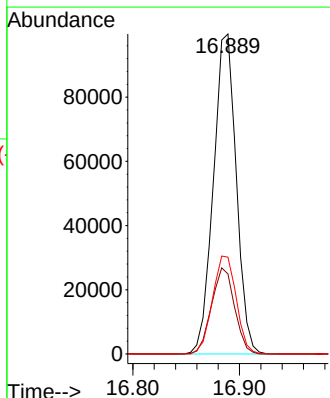
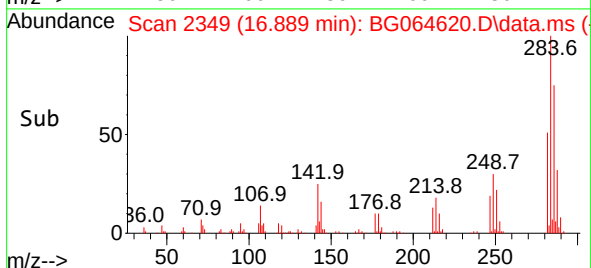
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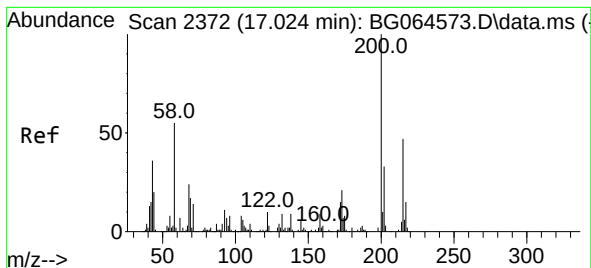


#68
Hexachlorobenzene
Concen: 45.026 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion:284 Resp: 148443
Ion Ratio Lower Upper
284 100
142 25.0 21.0 31.6
249 32.6 24.9 37.3





#69

Atrazine

Concen: 46.992 ng

RT: 17.018 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

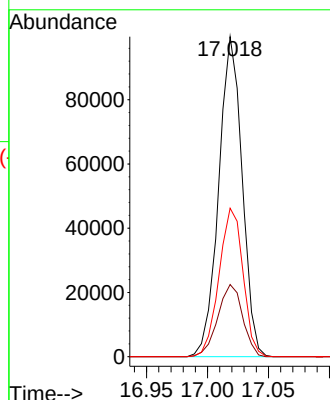
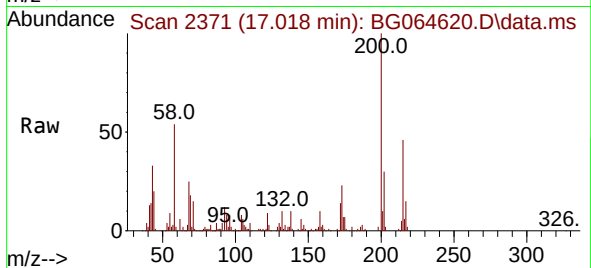
ClientSampleId :

Tgt Ion:200 Resp: 133212
 Ion Ratio Lower Upper
 200 100
 173 22.5 0.9 40.9
 215 46.4 27.0 67.0

Manual Integrations

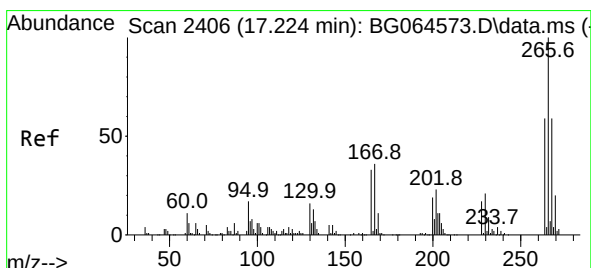
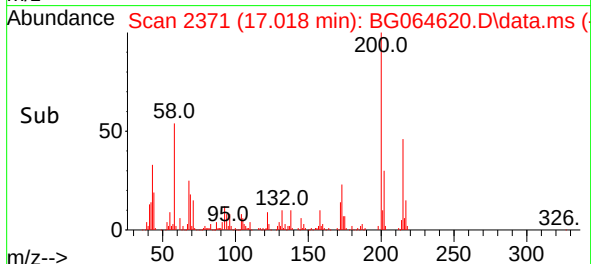
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Reviewed By :Jagrut Upadhyay 11/04/2025
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 ahmed

11/05/2025



#70

Pentachlorophenol

Concen: 99.387 ng

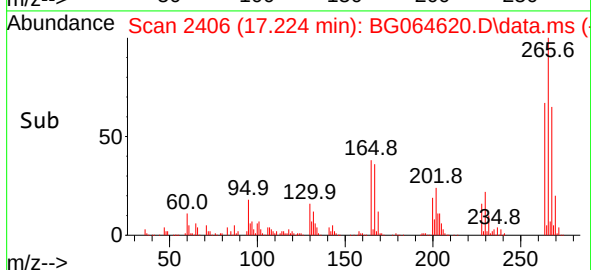
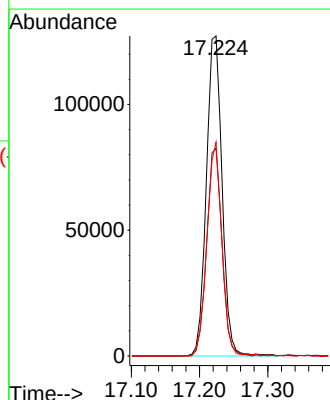
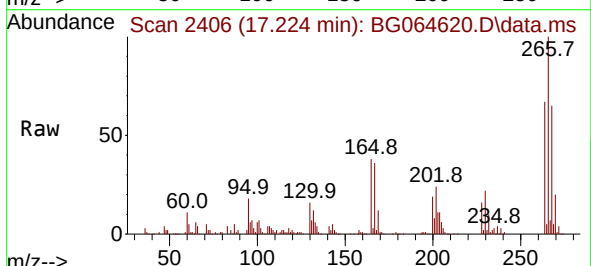
RT: 17.224 min Scan# 2406

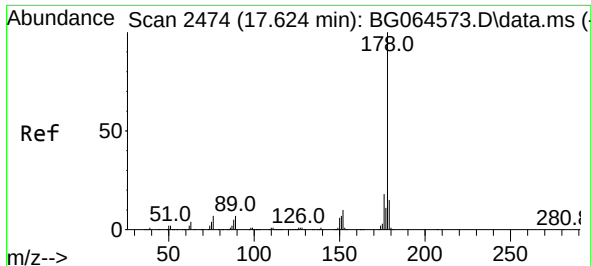
Delta R.T. 0.000 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

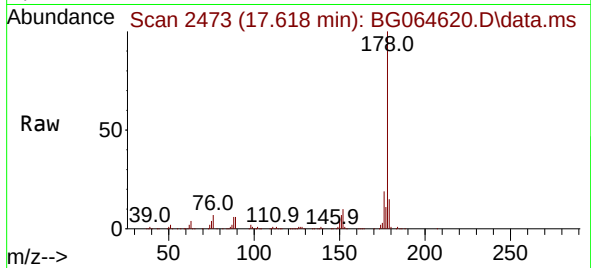
Tgt Ion:266 Resp: 204324
 Ion Ratio Lower Upper
 266 100
 268 69.5 50.3 75.5
 264 66.8 47.3 70.9





#71
Phenanthrene
Concen: 44.528 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

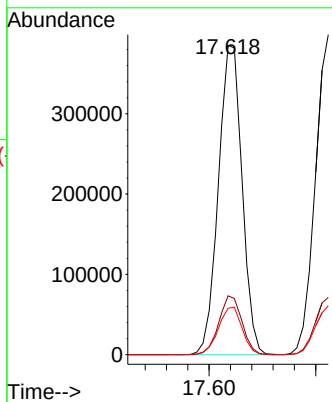
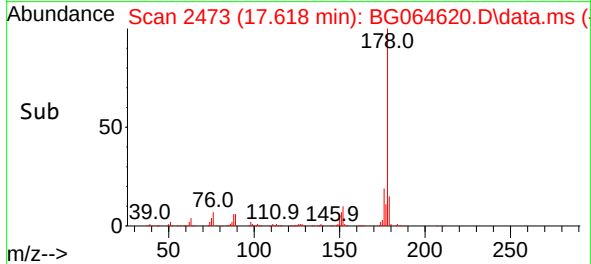
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:178 Resp: 593814
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.0 12.2 18.4

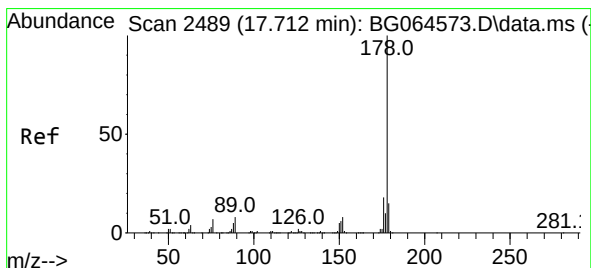
Manual Integrations
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Supervised By :mohammad ahmed 11/05/2025

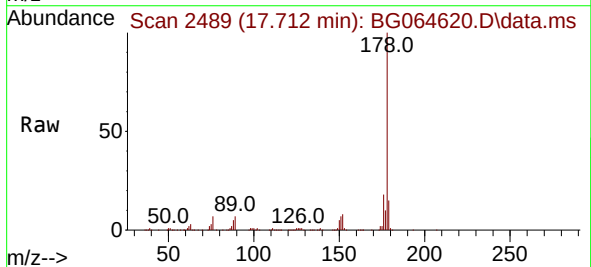


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ahmed

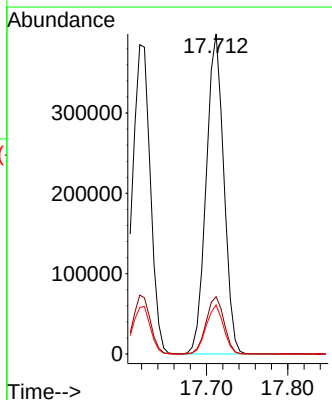
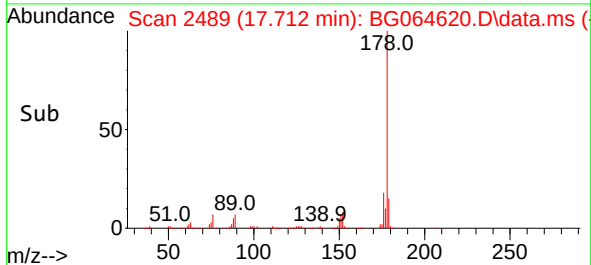
11/05/2025

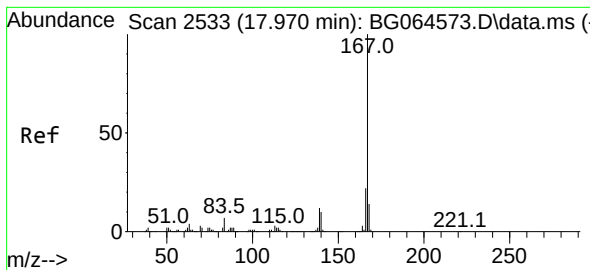


#72
Anthracene
Concen: 44.126 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44



Tgt Ion:178 Resp: 598590
Ion Ratio Lower Upper
178 100
176 17.9 14.4 21.6
179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.517 ng

RT: 17.970 min Scan# 2533

Delta R.T. 0.000 min

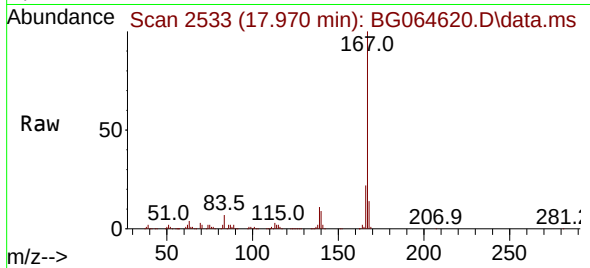
Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

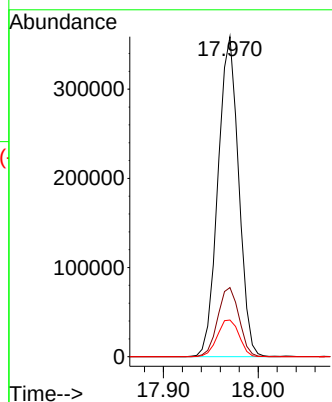
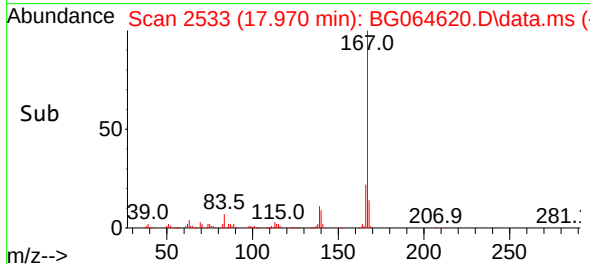


Tgt Ion:	167	Resp:	544489
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.9	26.9
139	11.4	9.7	14.5

Manual Integrations

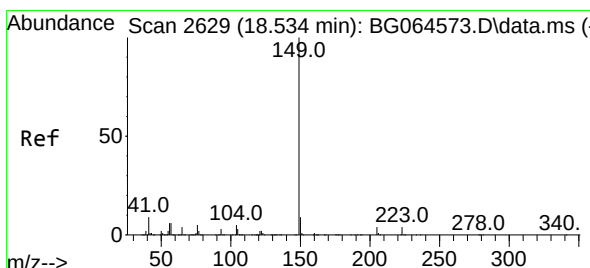
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



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Supervised By :mohammad
ahmed

11/05/2025



#74

Di-n-butylphthalate

Concen: 44.081 ng

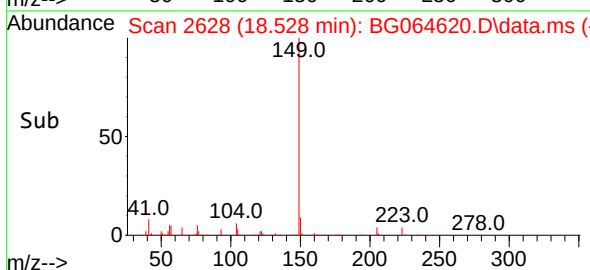
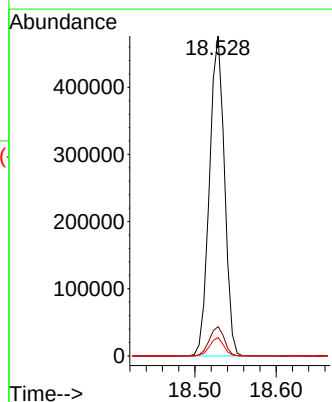
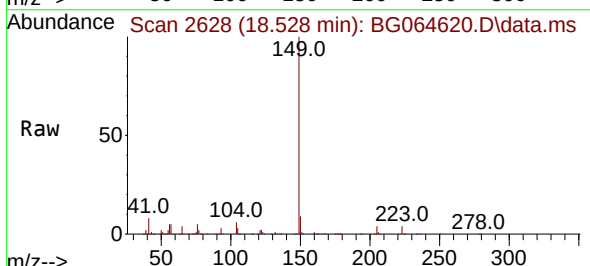
RT: 18.528 min Scan# 2628

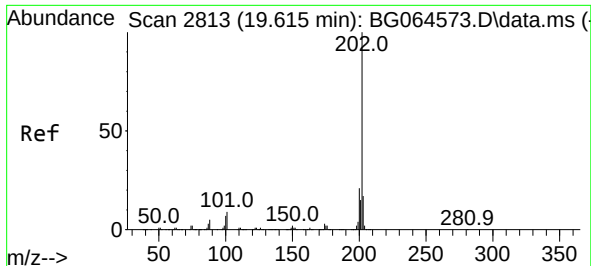
Delta R.T. -0.006 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

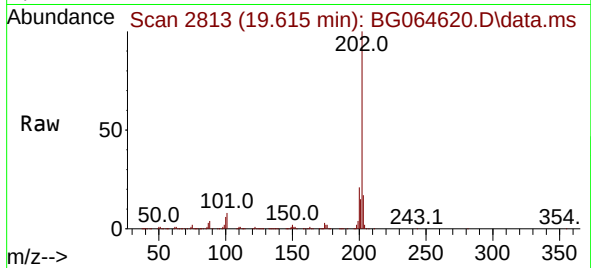
Tgt Ion:	149	Resp:	609776
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.0	10.6
104	5.7	4.1	6.1





#75
Fluoranthene
Concen: 44.411 ng
RT: 19.615 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

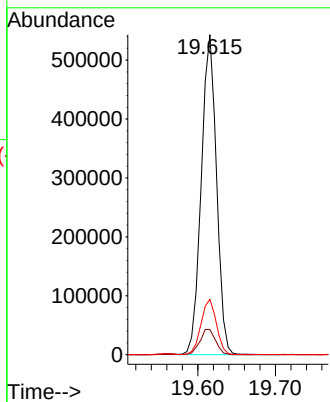
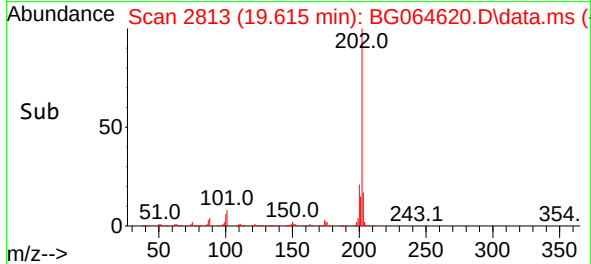
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:202 Resp: 741940
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.7
203 17.3 0.0 37.0

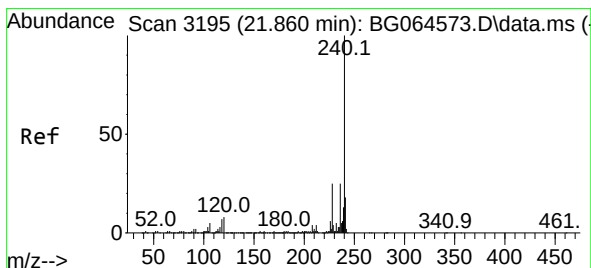
Manual Integrations
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Supervised By :mohammad ahmed 11/05/2025



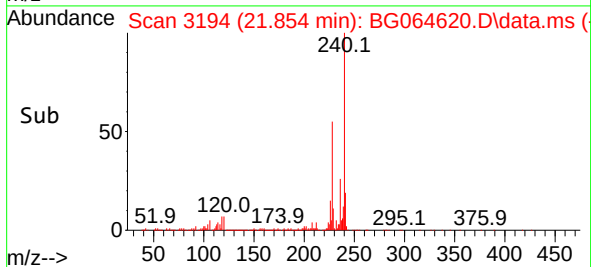
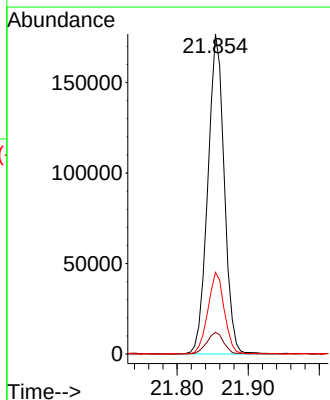
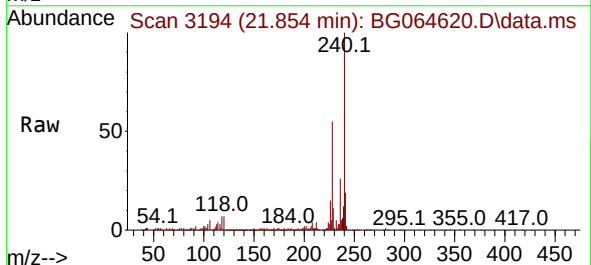
11/04/2025
Supervised By :mohammad
ahmed

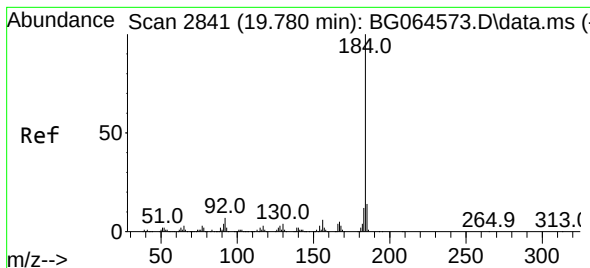
11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:240 Resp: 284315
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 25.5 20.2 30.2





#77

Benzidine

Concen: 38.386 ng

RT: 19.780 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

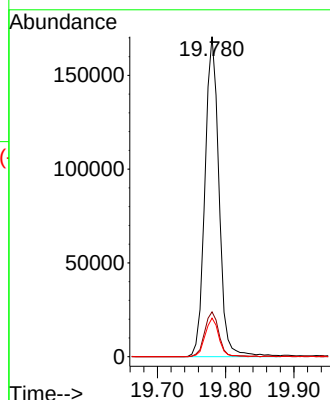
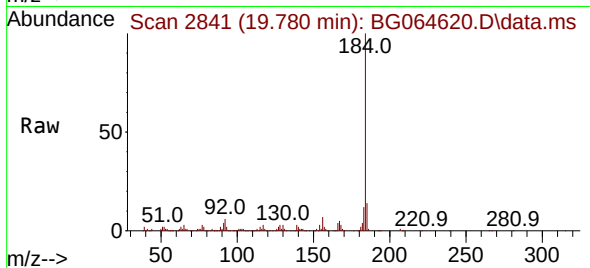
ClientSampleId :

Tgt Ion:184	Resp: 24451
Ion Ratio	Lower Upper
184 100	
185 14.0	11.4 17.2
183 12.0	9.4 14.2

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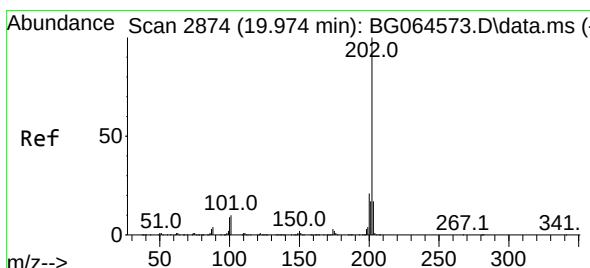
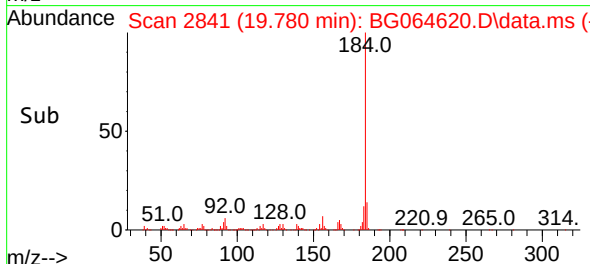
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



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ahmed

11/05/2025



#78

Pyrene

Concen: 41.171 ng

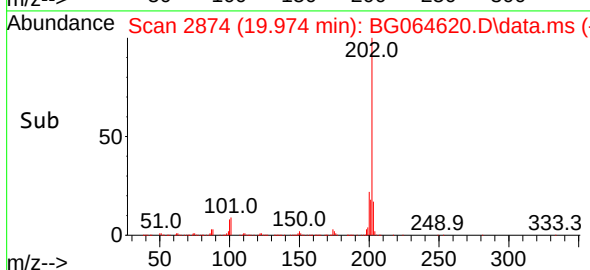
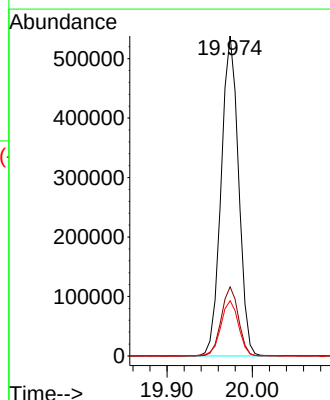
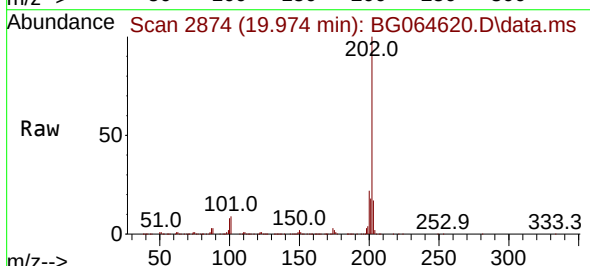
RT: 19.974 min Scan# 2874

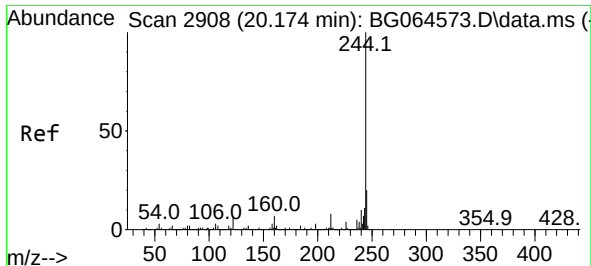
Delta R.T. 0.000 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

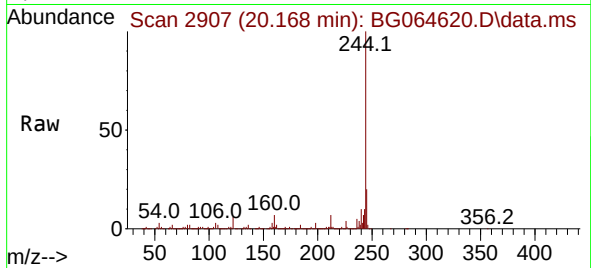
Tgt Ion:202	Resp: 764788
Ion Ratio	Lower Upper
202 100	
200 21.6	17.0 25.4
203 17.2	13.8 20.6





#79
 Terphenyl-d14
 Concen: 81.586 ng
 RT: 20.168 min Scan# 2908
 Delta R.T. -0.006 min
 Lab File: BG064620.D
 Acq: 29 Oct 2025 12:44

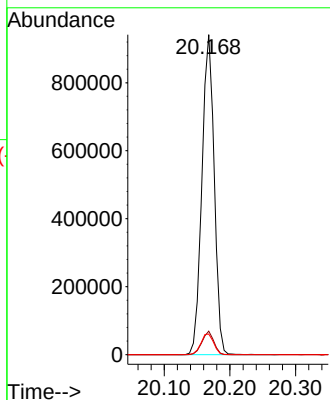
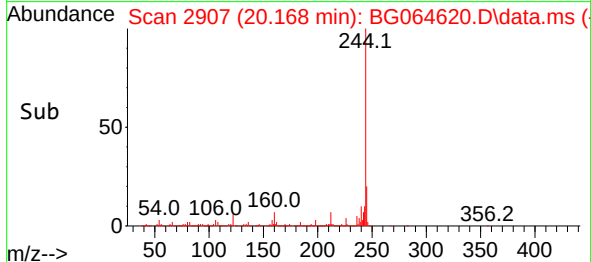
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 122914
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.4 5.6 8.4

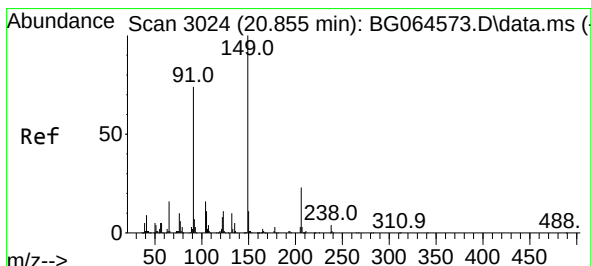
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Reviewed By :Jagrut Upadhyay 11/04/2025
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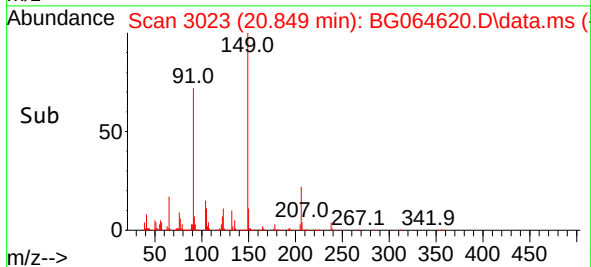
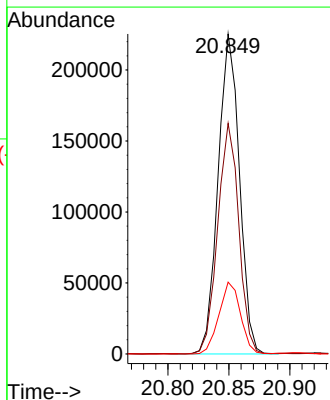
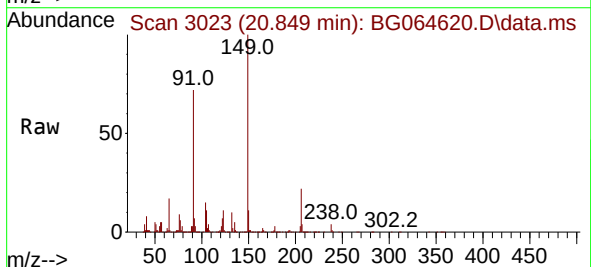
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 ahmed

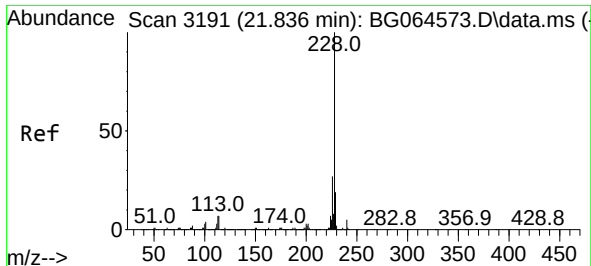
11/05/2025



#80
 Butylbenzylphthalate
 Concen: 48.944 ng
 RT: 20.849 min Scan# 3023
 Delta R.T. -0.006 min
 Lab File: BG064620.D
 Acq: 29 Oct 2025 12:44

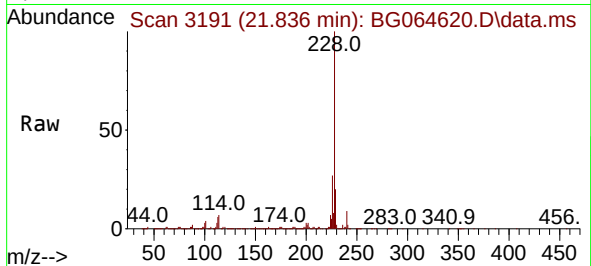
Tgt Ion:149 Resp: 274784
 Ion Ratio Lower Upper
 149 100
 91 72.0 59.2 88.8
 206 22.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 43.620 ng
RT: 21.836 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

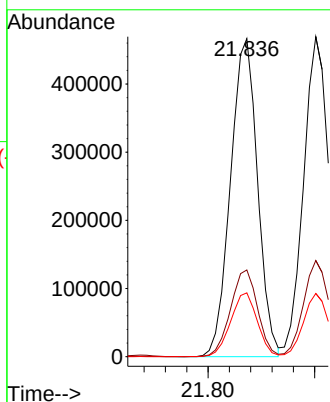
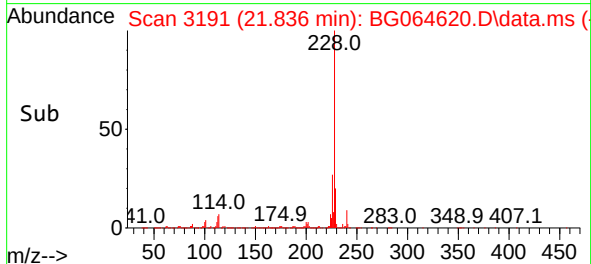
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:228 Resp: 82231
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 20.1 15.6 23.4

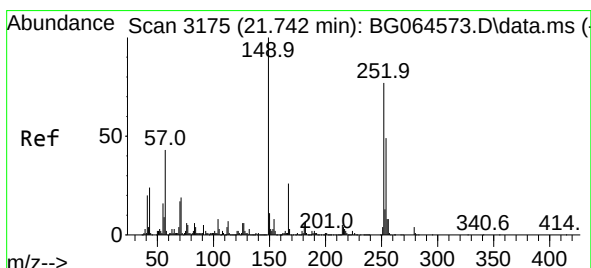
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Supervised By :mohammad ahmed 11/05/2025



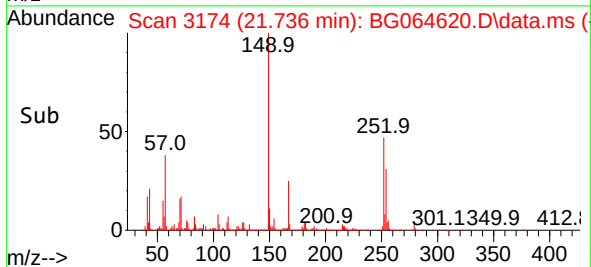
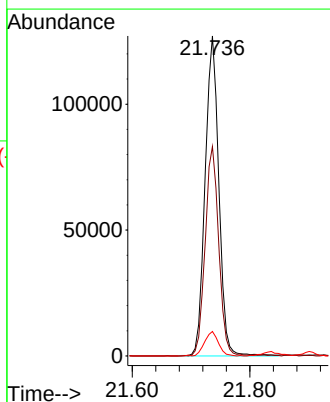
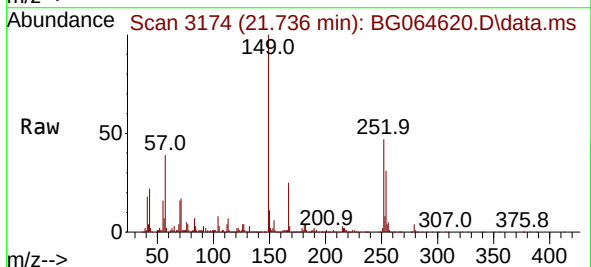
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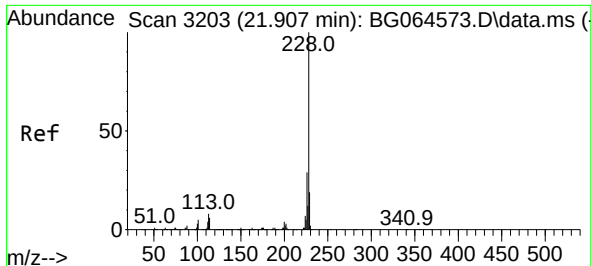
11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 32.682 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

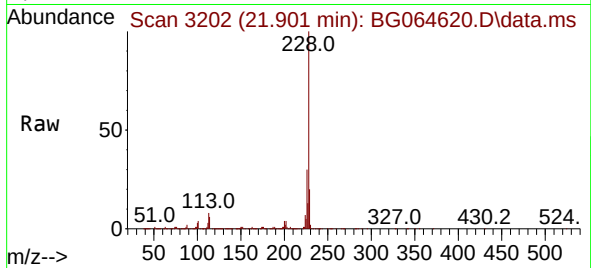
Tgt Ion:252 Resp: 205739
Ion Ratio Lower Upper
252 100
254 65.5 50.8 76.2
126 7.7 5.8 8.6





#83
Chrysene
Concen: 43.317 ng
RT: 21.901 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

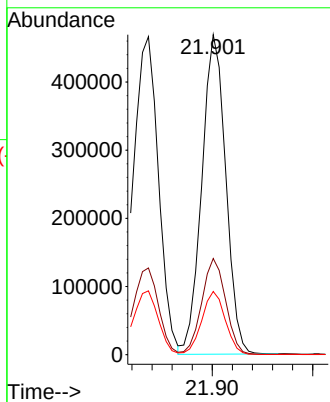
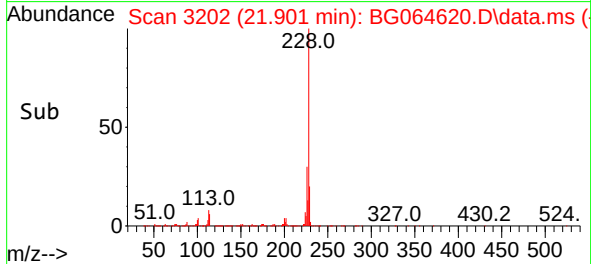
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:228 Resp: 777014
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 19.7 15.2 22.8

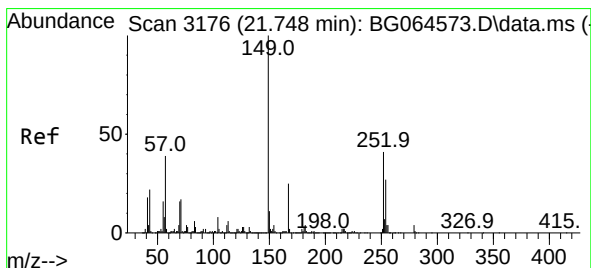
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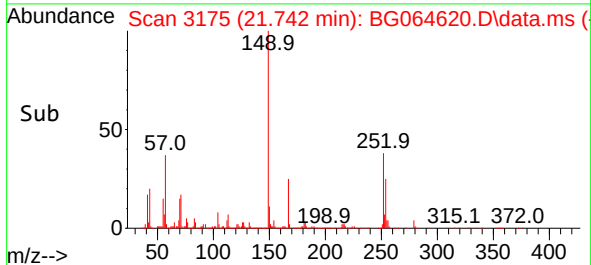
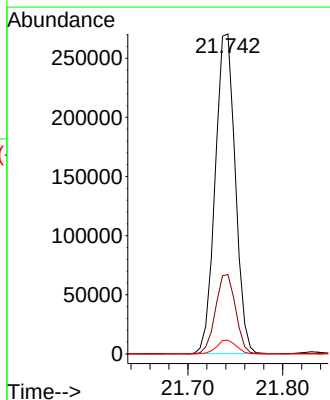
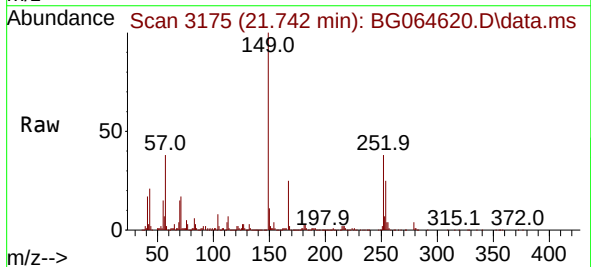
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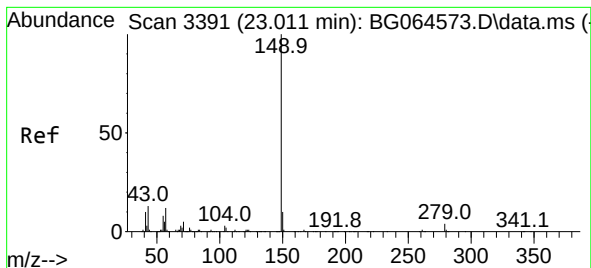
11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.454 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:149 Resp: 398097
Ion Ratio Lower Upper
149 100
167 24.8 20.0 30.0
279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.149 ng

RT: 23.000 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

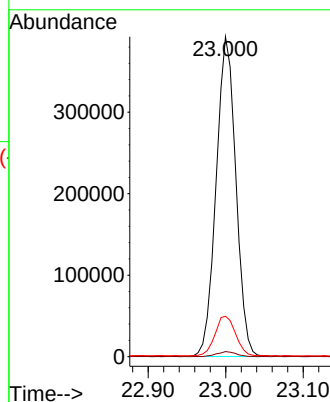
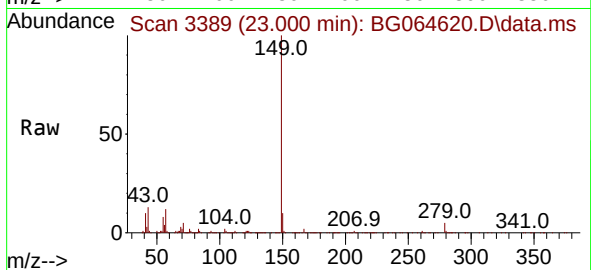
ClientSampleId :

Tgt Ion:149 Resp: 695154
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.8 10.8 16.2

Manual Integrations

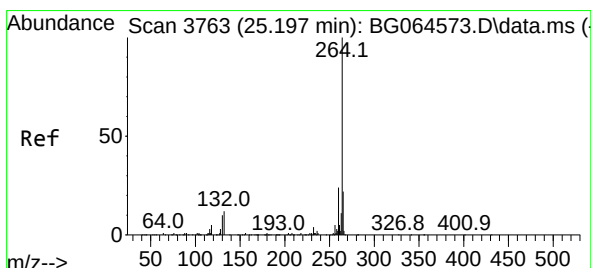
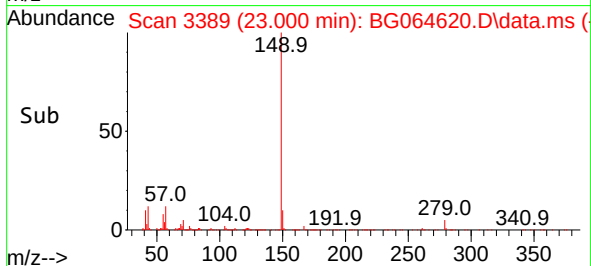
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 ahmed

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#86

Perylene-d12

Concen: 20.000 ng

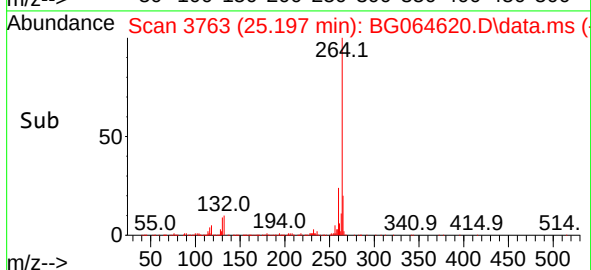
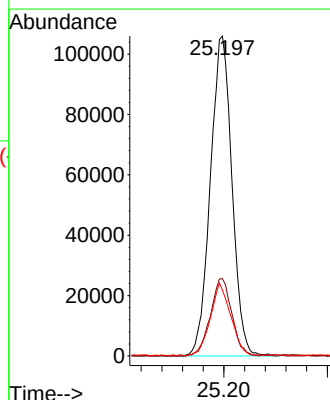
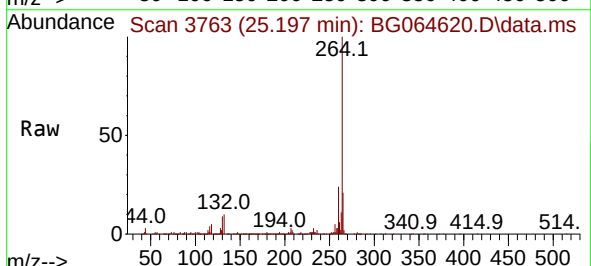
RT: 25.197 min Scan# 3763

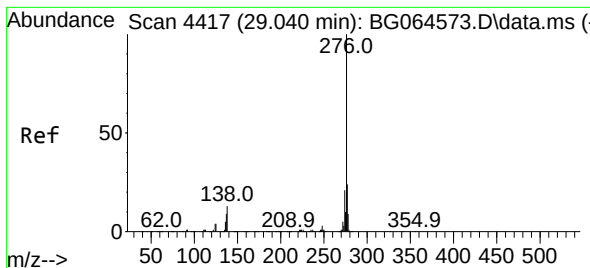
Delta R.T. 0.000 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Tgt Ion:264 Resp: 307438
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 20.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.645 ng

RT: 29.034 min Scan# 4417

Delta R.T. -0.006 min

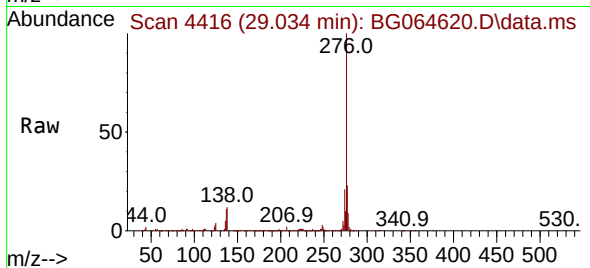
Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 1032320

Ion Ratio Lower Upper

276 100

138 10.4 10.8 16.2

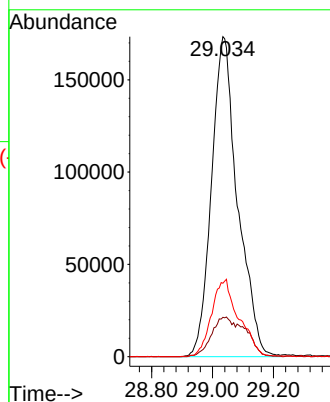
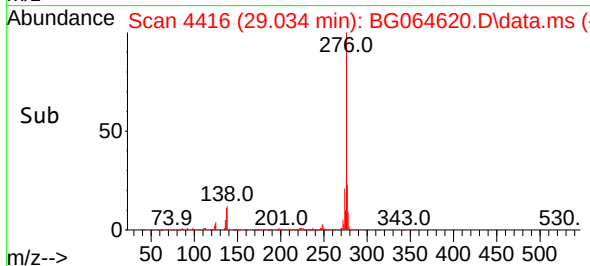
277 25.3 20.1 30.1

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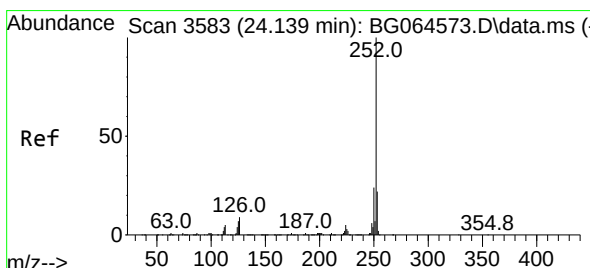
Supervised By :mohammad ahmed 11/05/2025



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ahmed

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#88

Benzo(b)fluoranthene

Concen: 45.046 ng

RT: 24.134 min Scan# 3582

Delta R.T. -0.006 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

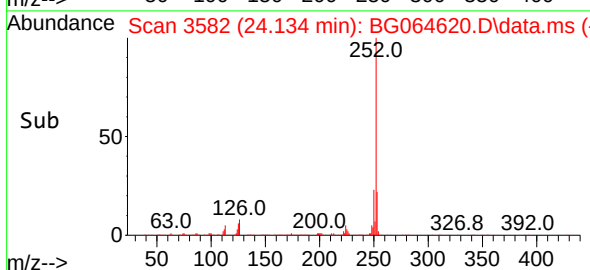
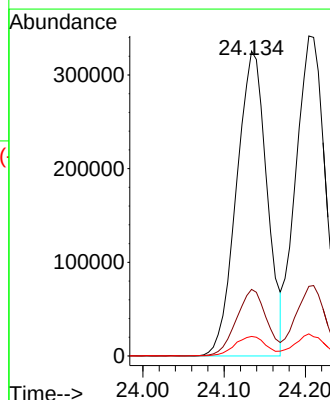
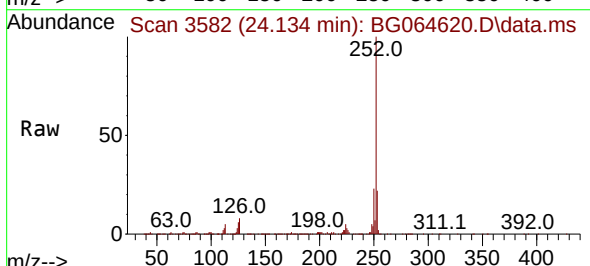
Tgt Ion:252 Resp: 849214

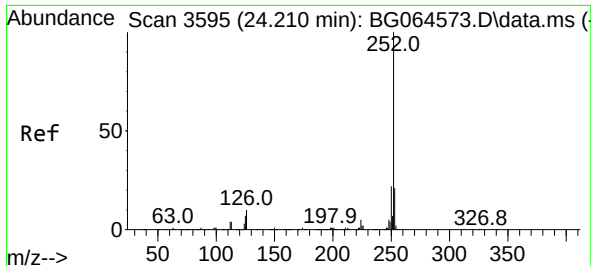
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 6.4 5.6 8.4



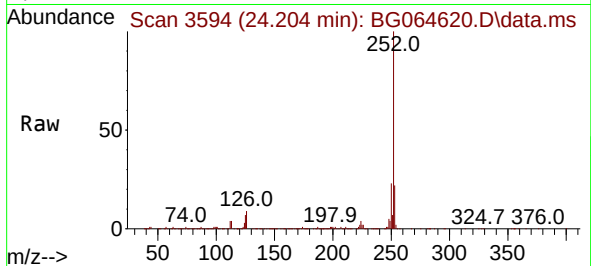


#89
Benzo(k)fluoranthene
Concen: 45.449 ng
RT: 24.204 min Scan# 3594
Delta R.T. -0.006 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

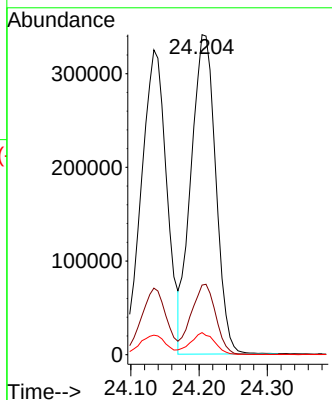
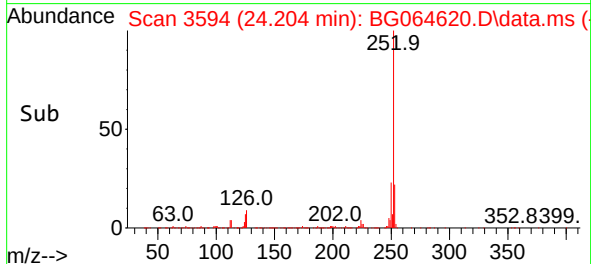
ClientSampleId :



Tgt Ion:252 Resp: 85739
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 6.9 5.4 8.0

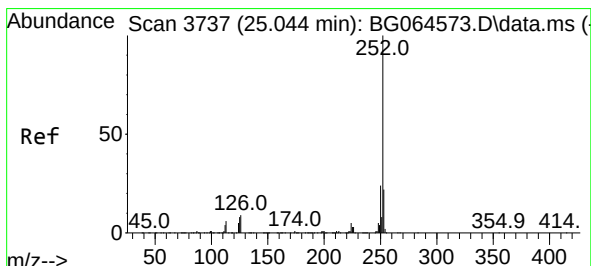
Manual Integrations
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Supervised By :mohammad ahmed 11/05/2025



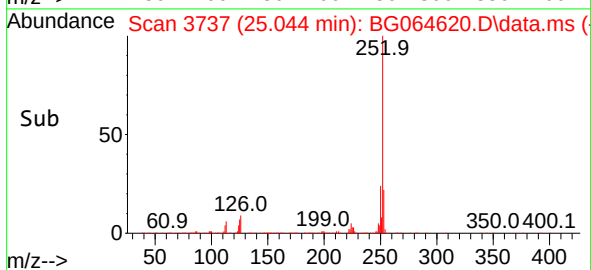
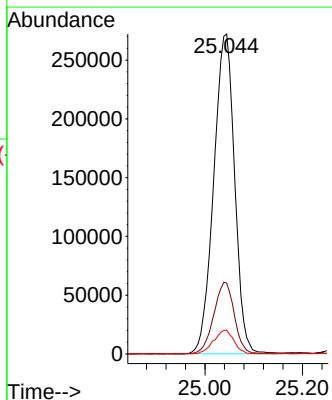
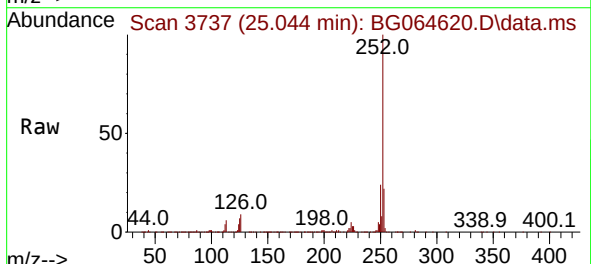
11/04/2025
Supervised By :mohammad
ahmed

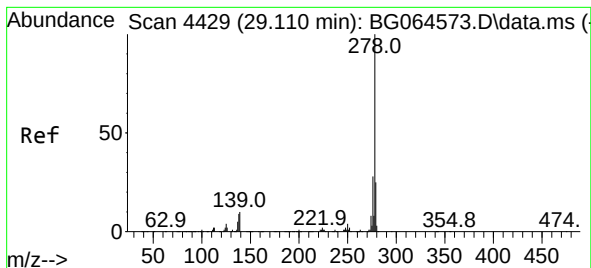
11/05/2025



#90
Benzo(a)pyrene
Concen: 46.854 ng
RT: 25.044 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064620.D
Acq: 29 Oct 2025 12:44

Tgt Ion:252 Resp: 811930
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.5 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 46.467 ng

RT: 29.104 min Scan# 4429

Delta R.T. -0.006 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:278 Resp: 85378

Ion Ratio Lower Upper

278 100

139 9.9 8.0 12.0

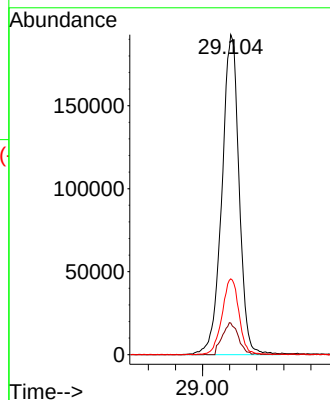
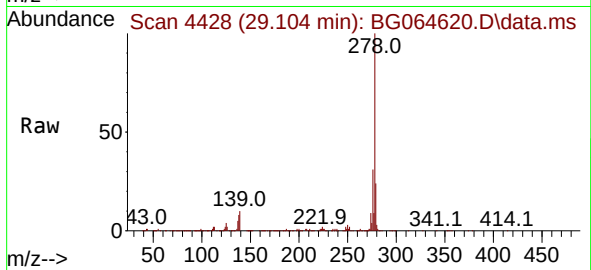
279 23.7 19.8 29.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025

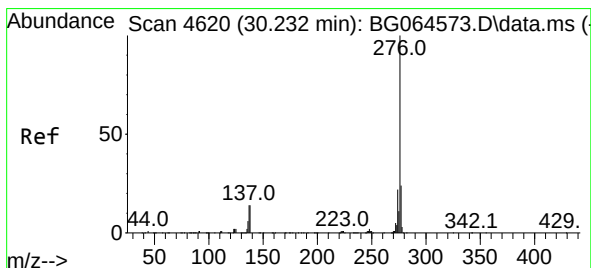
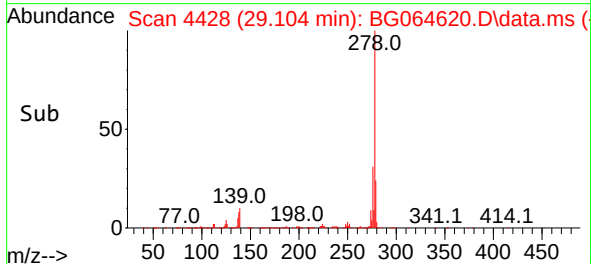
Supervised By :mohammad ahmed 11/05/2025



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Supervised By :mohammad
ahmed

11/05/2025



#92

Benzo(g,h,i)perylene

Concen: 47.050 ng

RT: 30.232 min Scan# 4620

Delta R.T. 0.000 min

Lab File: BG064620.D

Acq: 29 Oct 2025 12:44

Tgt Ion:276 Resp: 825822

Ion Ratio Lower Upper

276 100

277 22.6 19.1 28.7

138 13.9 11.3 16.9

