

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064641.D
 Acq On : 30 Oct 2025 15:00
 Operator : RC/JU
 Sample : PB170306BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Manual Integrations

APPROVED

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

Quant Time: Nov 04 04:30:23 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	29099	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	112942	20.000	ng	# 0.00
39) Acenaphthene-d10	14.842	164	90672	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	226757	20.000	ng	0.00
76) Chrysene-d12	21.851	240	278173	20.000	ng	0.00
86) Perylene-d12	25.194	264	301297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	207678	119.793	ng	0.00
7) Phenol-d6	7.356	99	286392	120.388	ng	0.00
23) Nitrobenzene-d5	9.383	82	178417	94.882	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	193929	148.188	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	487153	81.436	ng	0.00
79) Terphenyl-d14	20.165	244	1186305	80.481	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.578	88	26019	33.900	ng	Qvalue 96
3) Pyridine	3.990	79	71962	31.221	ng	96
4) n-Nitrosodimethylamine	3.896	42	50309	40.702	ng	90
6) Aniline	7.527	93	92351	28.529	ng	93
8) 2-Chlorophenol	7.774	128	79775	43.963	ng	97
9) Benzaldehyde	7.339	77	40423	31.125	ng	97
10) Phenol	7.380	94	110179	41.879	ng	98
11) bis(2-Chloroethyl)ether	7.621	93	71676	37.056	ng	97
12) 1,3-Dichlorobenzene	8.108	146	83999	40.219	ng	99
13) 1,4-Dichlorobenzene	8.255	146	88153	41.511	ng	95
14) 1,2-Dichlorobenzene	8.578	146	85251	41.620	ng	99
15) Benzyl Alcohol	8.443	79	83416	42.522	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.743	45	194794	38.392	ng	98
17) 2-Methylphenol	8.649	107	74872	42.864	ng	95
18) Hexachloroethane	9.319	117	31185	41.846	ng	95
19) n-Nitroso-di-n-propyla...	9.025	70	65604	39.903	ng	96
20) 3+4-Methylphenols	8.972	107	103316	42.058	ng	98
22) Acetophenone	9.037	105	143823	46.584	ng	# 95
24) Nitrobenzene	9.425	77	97564	47.703	ng	93
25) Isophorone	9.953	82	184360	40.859	ng	100
26) 2-Nitrophenol	10.141	139	43129	54.220	ng	# 91
27) 2,4-Dimethylphenol	10.194	122	85726	51.076	ng	95
28) bis(2-Chloroethoxy)met...	10.429	93	104988	40.866	ng	# 96
29) 2,4-Dichlorophenol	10.676	162	88074	48.760	ng	97
30) 1,2,4-Trichlorobenzene	10.899	180	97426	47.472	ng	97
31) Naphthalene	11.093	128	259886	41.503	ng	100
32) Benzoic acid	10.312	122	67075	51.749	ng	93
33) 4-Chloroaniline	11.187	127	56344	23.150	ng	97
34) Hexachlorobutadiene	11.387	225	72239	45.009	ng	96
35) Caprolactam	11.945	113	29839m	43.072	ng	
36) 4-Chloro-3-methylphenol	12.292	107	103164	47.516	ng	98
37) 2-Methylnaphthalene	12.685	142	181334	39.443	ng	99
38) 1-Methylnaphthalene	12.903	142	185506	40.759	ng	95
40) 1,2,4,5-Tetrachloroben...	13.050	216	146714	48.213	ng	98
41) Hexachlorocyclopentadiene	13.032	237	179181	130.820	ng	98
43) 2,4,6-Trichlorophenol	13.279	196	87244	50.122	ng	97

11/04/2025

Supervised By :mohammad
ahmed

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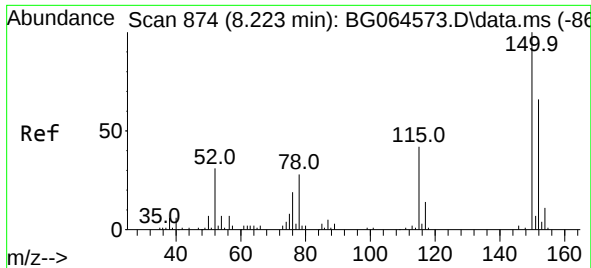
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.349	196	98459	49.017	ng	95	
46) 1,1'-Biphenyl	13.678	154	302224	46.884	ng	99	
47) 2-Chloronaphthalene	13.725	162	208334	42.816	ng	99	
48) 2-Nitroaniline	13.908	65	81997	50.050	ng	94	
49) Acenaphthylene	14.566	152	377812	49.227	ng	100	
50) Dimethylphthalate	14.284	163	302338	43.576	ng	100	
51) 2,6-Dinitrotoluene	14.395	165	60909	52.858	ng	97	
52) Acenaphthene	14.906	154	257465	49.101	ng	100	
53) 3-Nitroaniline	14.724	138	44398	37.235	ng	#	97
54) 2,4-Dinitrophenol	14.930	184	83418	116.048	ng	#	39
55) Dibenzofuran	15.235	168	366426	43.224	ng	97	
56) 4-Nitrophenol	15.018	139	117677	106.448	ng	95	
57) 2,4-Dinitrotoluene	15.182	165	93451	52.491	ng	96	
58) Fluorene	15.882	166	292173	44.132	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.453	232	105386	54.866	ng	99	
60) Diethylphthalate	15.641	149	305550	43.131	ng	99	
61) 4-Chlorophenyl-phenyle...	15.870	204	162418	43.715	ng	97	
62) 4-Nitroaniline	15.882	138	67423	50.827	ng	96	
63) Azobenzene	16.164	77	280291	43.121	ng	98	
65) 4,6-Dinitro-2-methylph...	15.940	198	58669	57.577	ng	89	
66) n-Nitrosodiphenylamine	16.081	169	276520	45.144	ng	98	
67) 4-Bromophenyl-phenylether	16.763	248	118016	43.919	ng	99	
68) Hexachlorobenzene	16.886	284	138429	45.156	ng	97	
69) Atrazine	17.022	200	122237	46.373	ng	93	
70) Pentachlorophenol	17.221	266	194083	101.526	ng	93	
71) Phenanthrene	17.621	178	549576	44.319	ng	100	
72) Anthracene	17.709	178	561364	44.503	ng	99	
73) Carbazole	17.967	167	501000	45.040	ng	100	
74) Di-n-butylphthalate	18.526	149	554835	43.135	ng	99	
75) Fluoranthene	19.613	202	712273	45.851	ng	98	
77) Benzidine	19.777	184	218219	35.015	ng	99	
78) Pyrene	19.977	202	742099	40.832	ng	99	
80) Butylbenzylphthalate	20.852	149	257602	46.897	ng	93	
81) Benzo(a)anthracene	21.834	228	820716	44.497	ng	100	
82) 3,3'-Dichlorobenzidine	21.734	252	195042	31.667	ng	98	
83) Chrysene	21.904	228	765013	43.590	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.740	149	371463	45.257	ng	98	
85) Di-n-octyl phthalate	22.997	149	658943	47.618	ng	98	
87) Indeno(1,2,3-cd)pyrene	29.031	276	1019238	45.985	ng	#	97
88) Benzo(b)fluoranthene	24.137	252	839878	45.459	ng	98	
89) Benzo(k)fluoranthene	24.207	252	872530	47.194	ng	98	
90) Benzo(a)pyrene	25.042	252	813551	47.904	ng	99	
91) Dibenzo(a,h)anthracene	29.101	278	844801	46.915	ng	98	
92) Benzo(g,h,i)perylene	30.224	276	817117	47.502	ng	99	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS

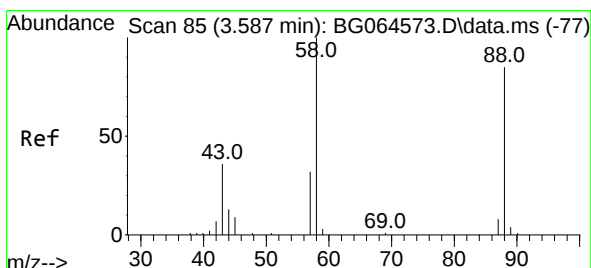
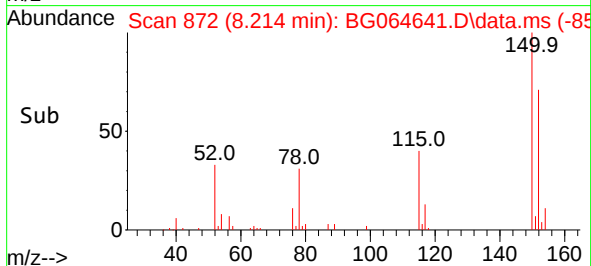
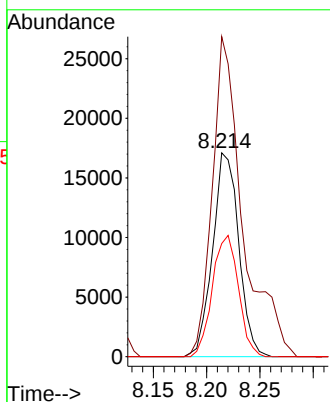
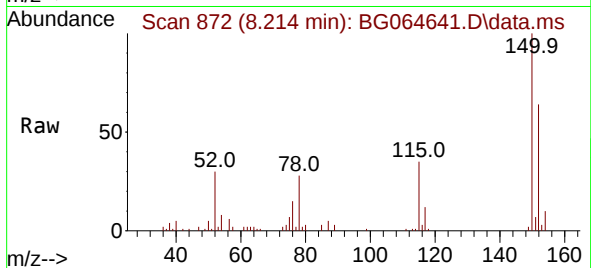
Tgt Ion:152 Resp: 2909
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 55.5 50.8 76.2

Manual Integrations
APPROVED

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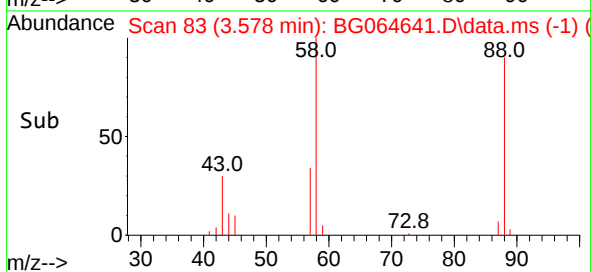
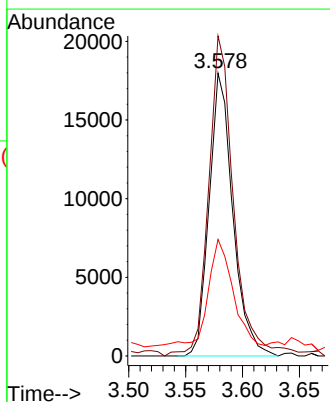
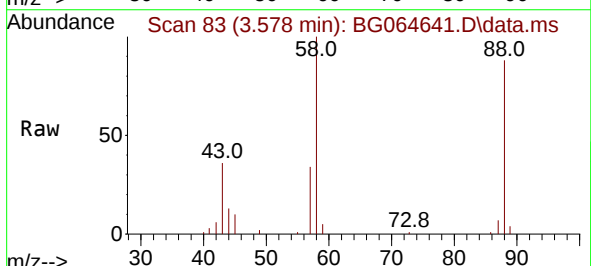
11/04/2025
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ahmed

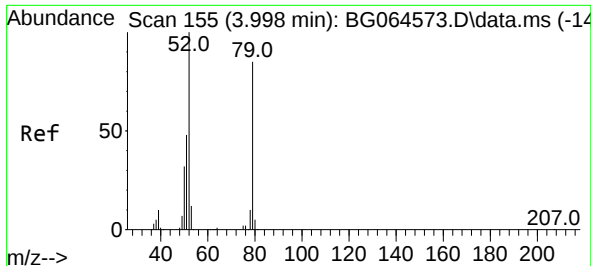
11/05/2025



#2
1,4-Dioxane
Concen: 33.900 ng
RT: 3.578 min Scan# 83
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion: 88 Resp: 26019
Ion Ratio Lower Upper
88 100
58 120.7 92.4 138.6
43 39.5 33.0 49.6





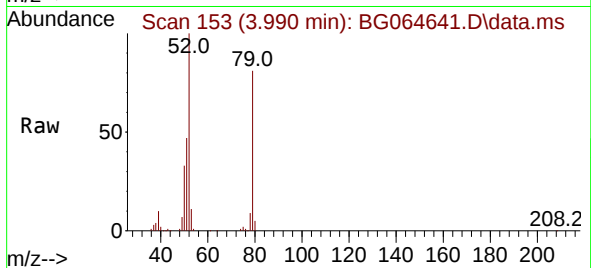
#3
Pyridine
Concen: 31.221 ng
RT: 3.990 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



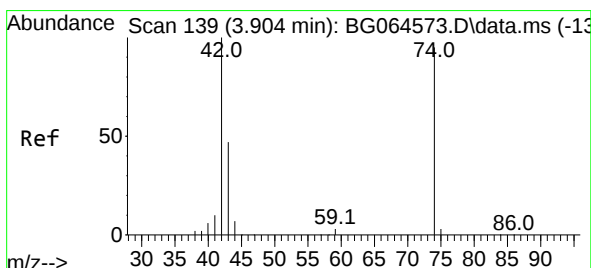
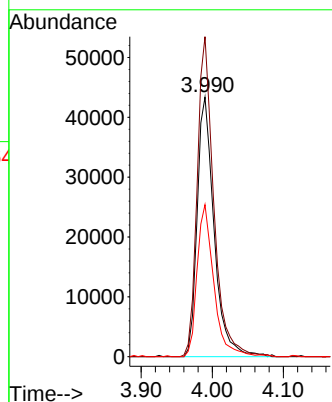
Tgt Ion: 79 Resp: 71962
Ion Ratio Lower Upper
79 100
52 123.3 94.2 141.2
51 58.6 46.1 69.1

Manual Integrations
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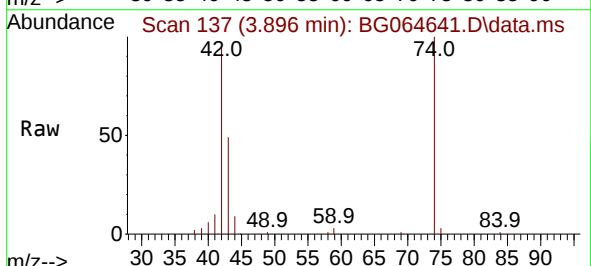
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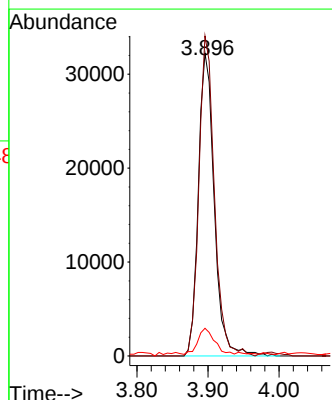
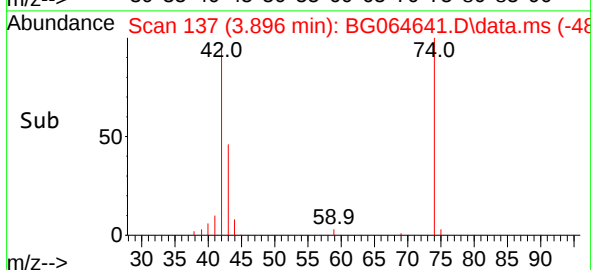
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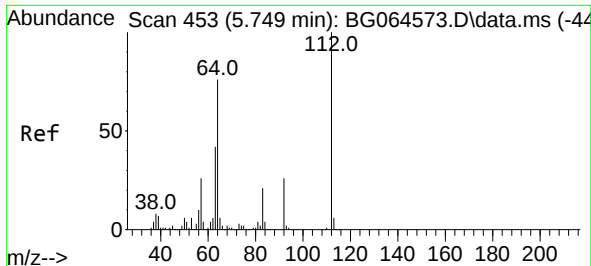


#4
n-Nitrosodimethylamine
Concen: 40.702 ng
RT: 3.896 min Scan# 137
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00



Tgt Ion: 42 Resp: 50309
Ion Ratio Lower Upper
42 100
74 105.7 76.1 114.1
44 9.1 6.3 9.5





#5
2-Fluorophenol
Concen: 119.793 ng
RT: 5.746 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:112 Resp: 207678
Ion Ratio Lower Upper
112 100
64 79.2 60.7 91.1
63 44.0 33.4 50.0

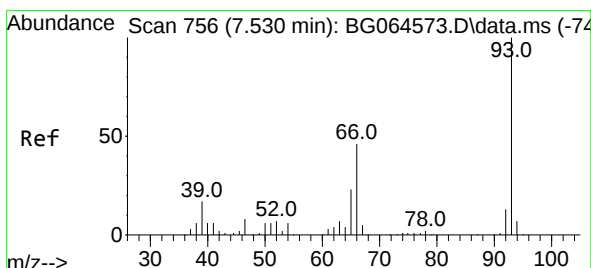
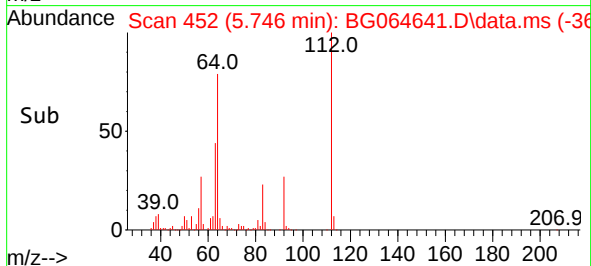
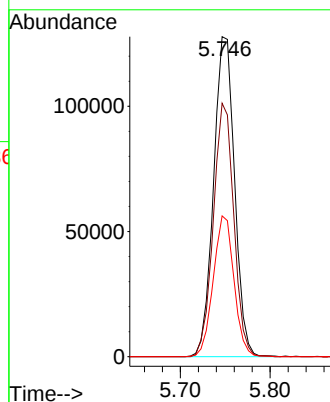
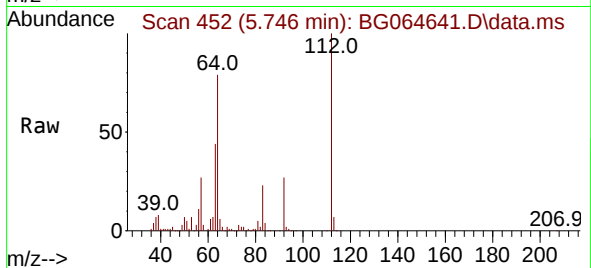
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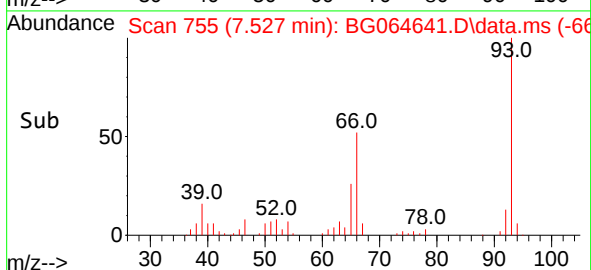
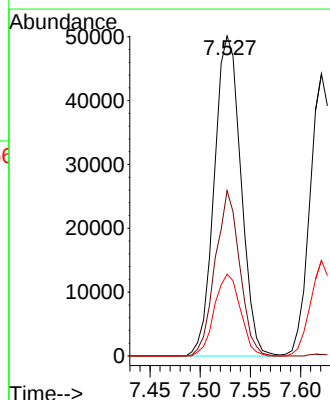
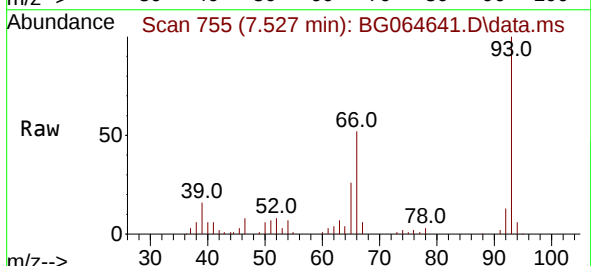
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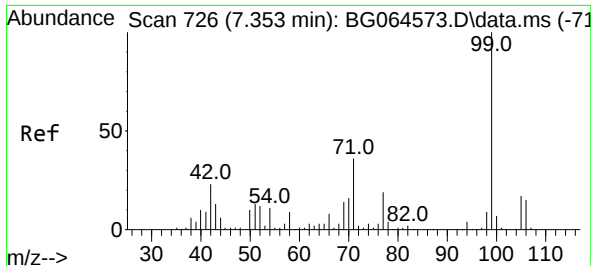
11/05/2025



#6
Aniline
Concen: 28.529 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

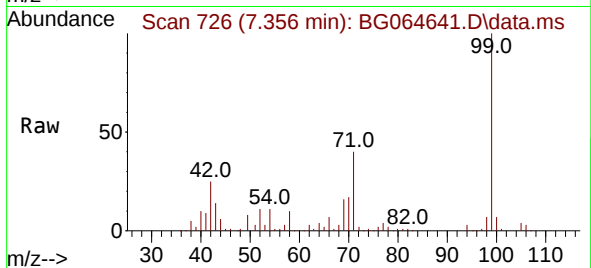
Tgt Ion: 93 Resp: 92351
Ion Ratio Lower Upper
93 100
66 51.7 37.0 55.6
65 25.5 18.3 27.5





#7
Phenol-d6
Concen: 120.388 ng
RT: 7.356 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
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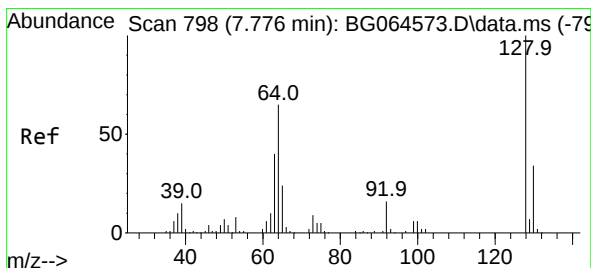
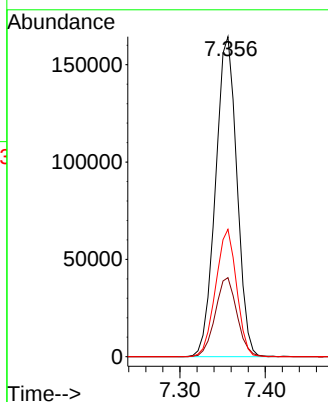
Tgt Ion: 99 Resp: 286392
Ion Ratio Lower Upper
99 100
42 24.7 18.3 27.5
71 39.8 28.6 43.0

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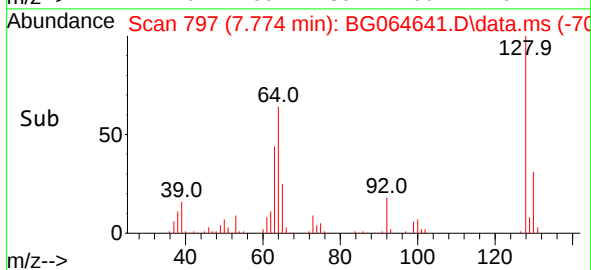
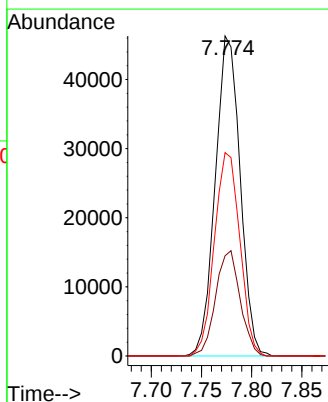
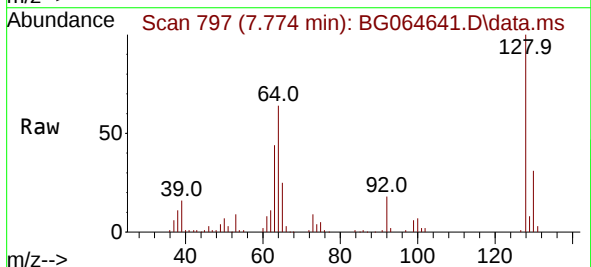
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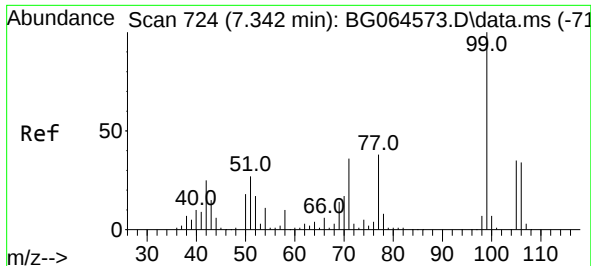
11/05/2025



#8
2-Chlorophenol
Concen: 43.963 ng
RT: 7.774 min Scan# 797
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:128 Resp: 79775
Ion Ratio Lower Upper
128 100
130 31.3 13.5 53.5
64 63.6 45.2 85.2





#9
Benzaldehyde
Concen: 31.125 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS

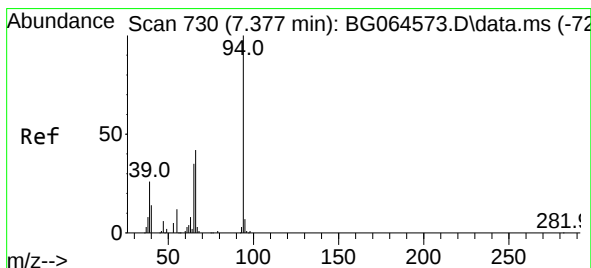
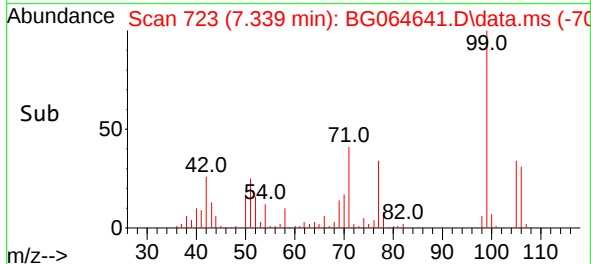
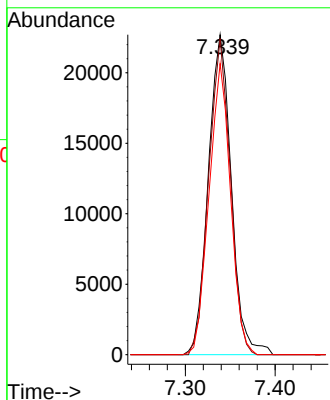
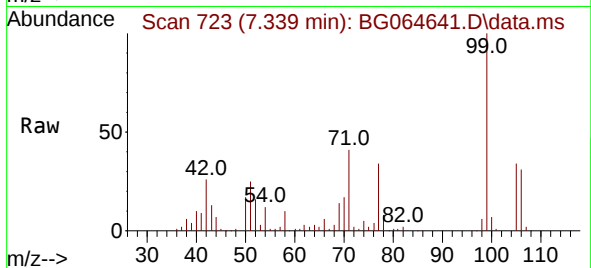
Tgt Ion: 77 Resp: 4042
Ion Ratio Lower Upper
77 100
105 98.8 72.9 112.9
106 91.0 70.8 110.8

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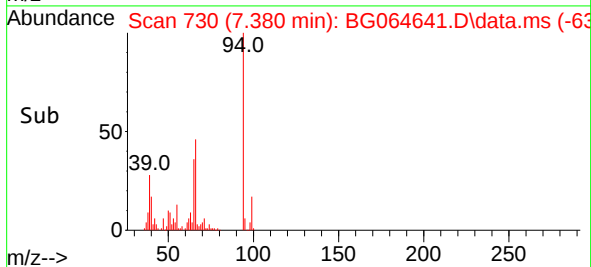
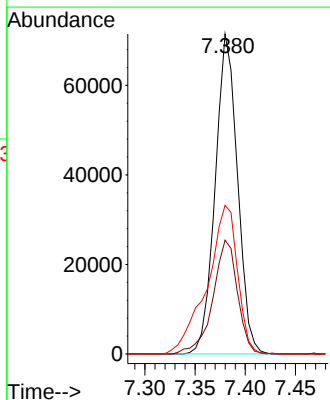
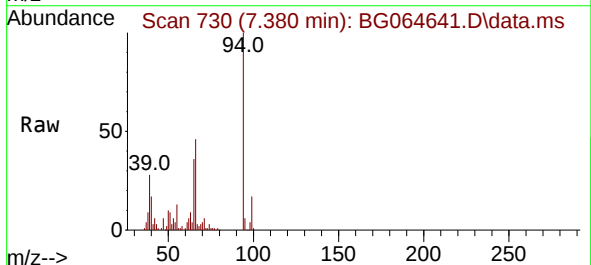
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ahmed

11/05/2025



#10
Phenol
Concen: 41.879 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion: 94 Resp: 110179
Ion Ratio Lower Upper
94 100
65 35.6 15.8 55.8
66 46.5 24.0 64.0





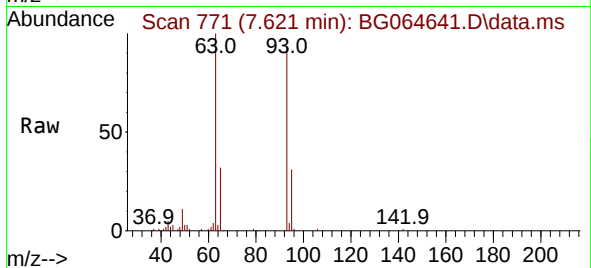
#11
bis(2-Chloroethyl)ether
Concen: 37.056 ng
RT: 7.621 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion: 93 Resp: 71670
Ion Ratio Lower Upper
93 100
63 107.1 91.3 131.3
95 32.9 13.3 53.3

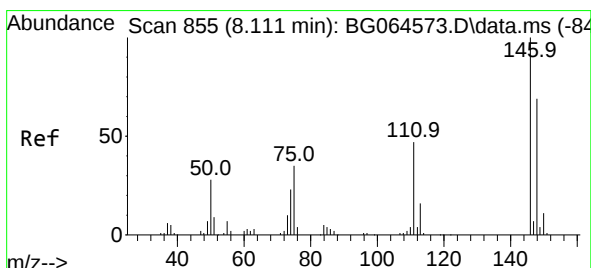
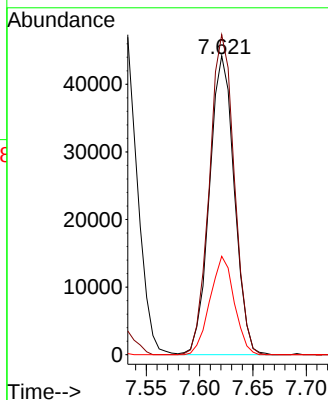
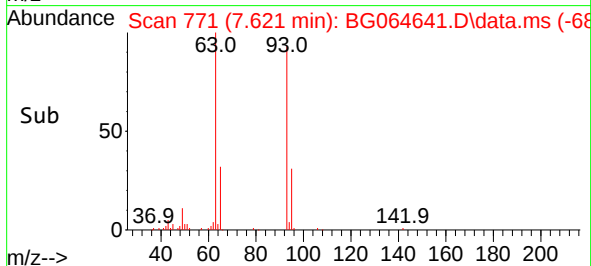
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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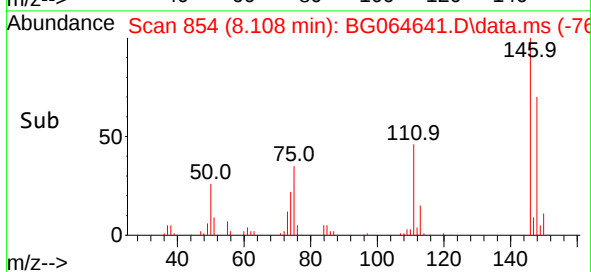
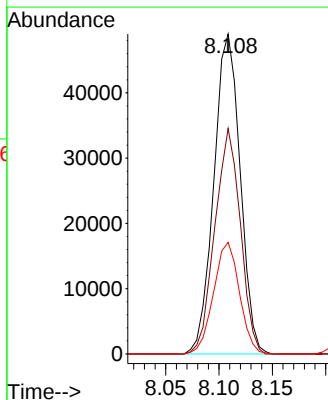
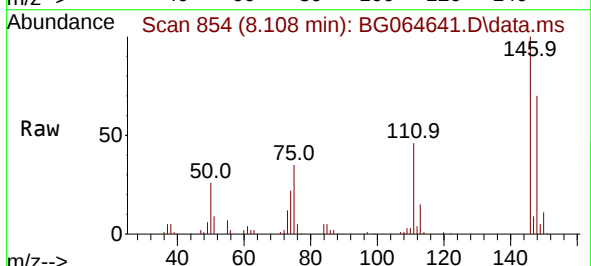
Supervised By :mohammad
ahmed

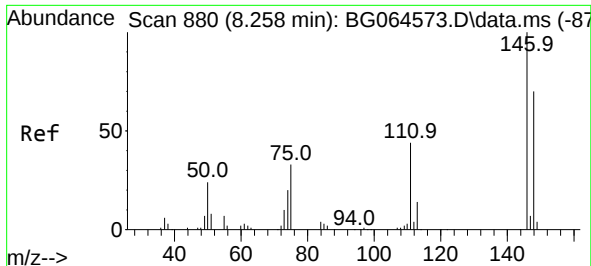
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#12
1,3-Dichlorobenzene
Concen: 40.219 ng
RT: 8.108 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

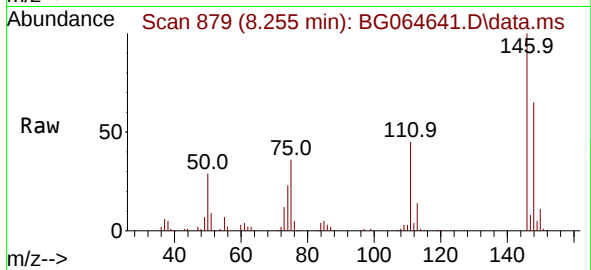
Tgt Ion:146 Resp: 83999
Ion Ratio Lower Upper
146 100
148 70.4 55.3 82.9
75 34.9 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.511 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



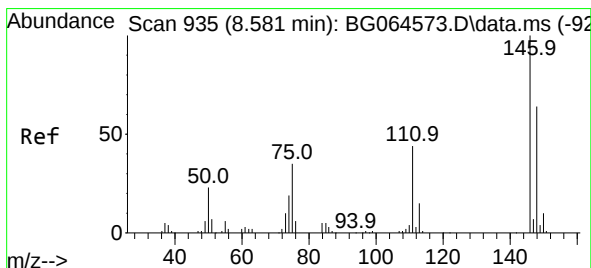
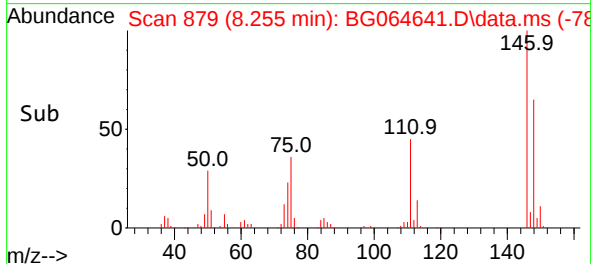
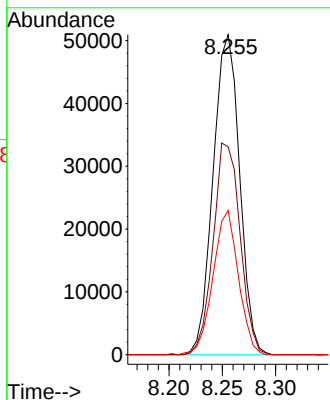
Tgt Ion:146 Resp: 8815
Ion Ratio Lower Upper
146 100
148 64.9 56.2 84.4
111 45.1 35.4 53.0

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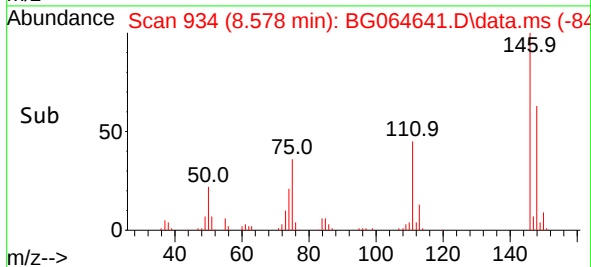
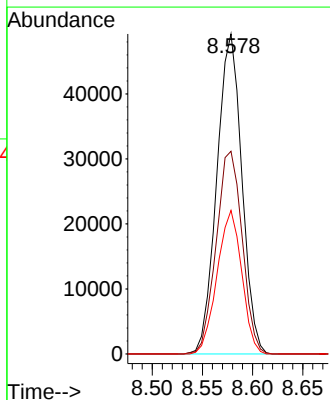
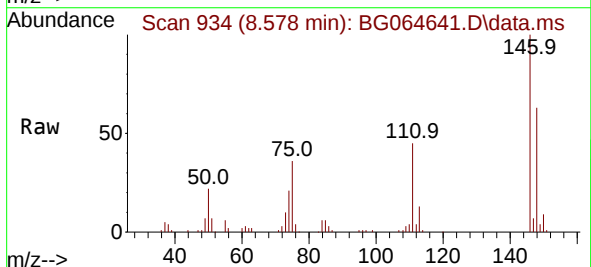
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ahmed

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#14
1,2-Dichlorobenzene
Concen: 41.620 ng
RT: 8.578 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

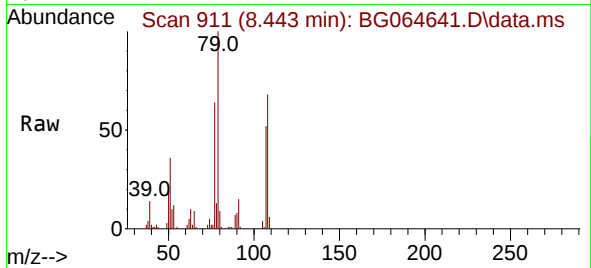
Tgt Ion:146 Resp: 85251
Ion Ratio Lower Upper
146 100
148 63.3 51.5 77.3
111 44.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.522 ng
RT: 8.443 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



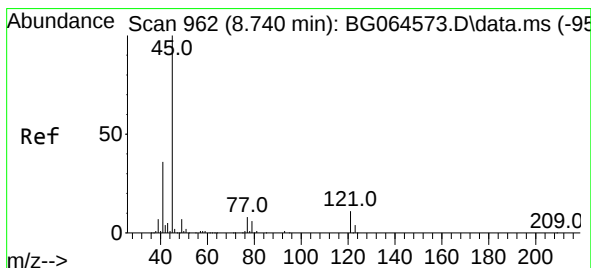
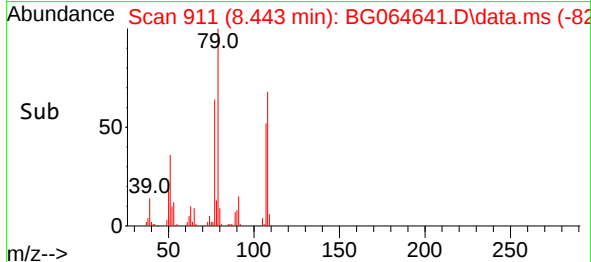
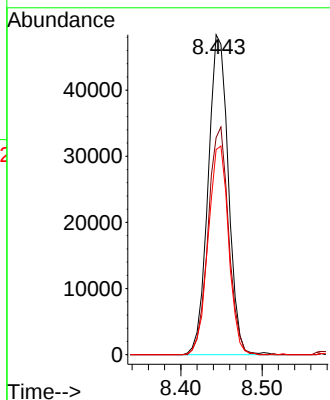
Tgt Ion: 79 Resp: 83410
Ion Ratio Lower Upper
79 100
108 67.9 58.1 87.1
77 64.1 52.8 79.2

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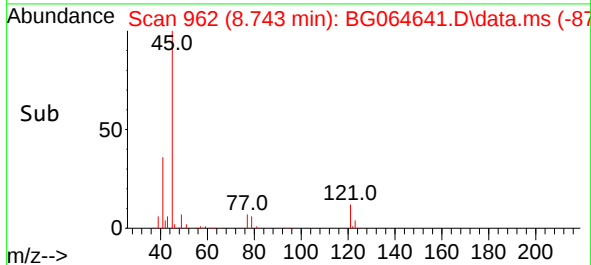
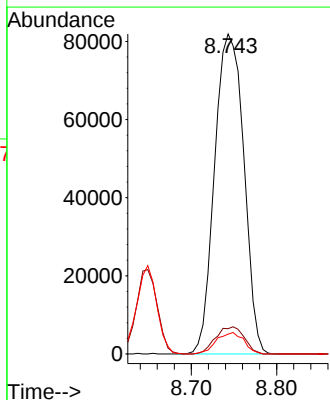
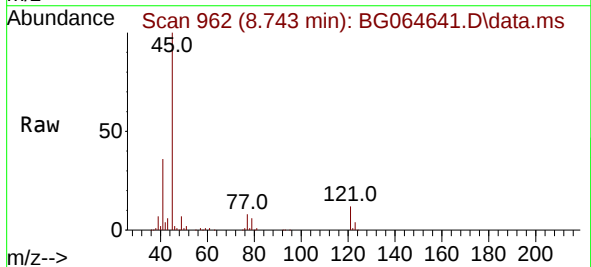
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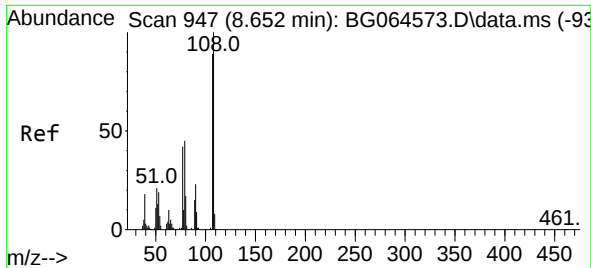
11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.392 ng
RT: 8.743 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

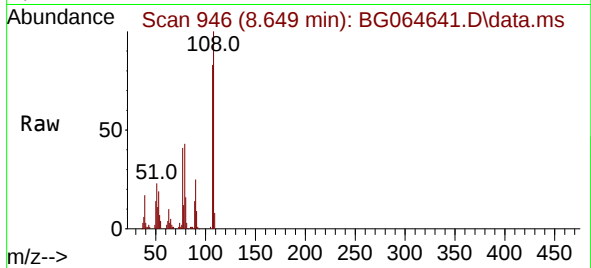
Tgt Ion: 45 Resp: 194794
Ion Ratio Lower Upper
45 100
77 7.9 0.0 28.5
79 6.2 0.0 25.6





#17
2-Methylphenol
Concen: 42.864 ng
RT: 8.649 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



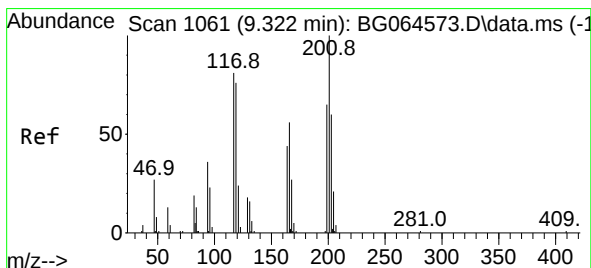
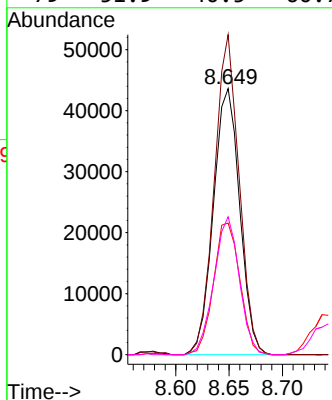
Tgt Ion:107 Resp: 74872
Ion Ratio Lower Upper
107 100
108 120.3 90.0 135.0
77 49.5 37.8 56.8
79 51.9 40.5 60.7

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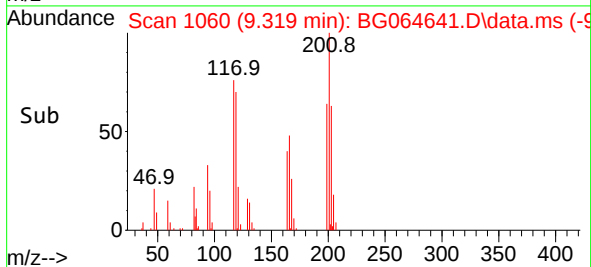
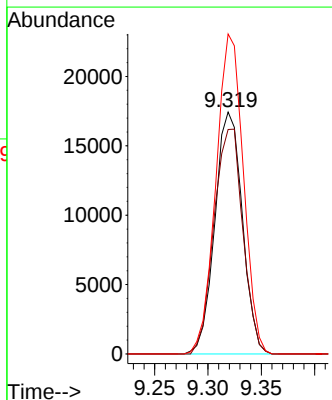
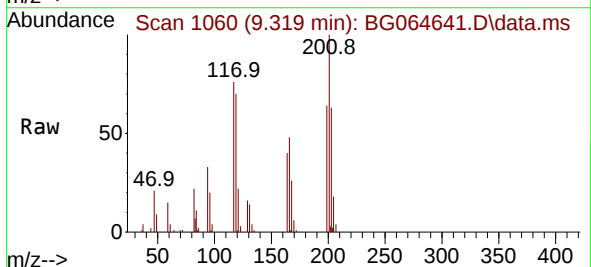
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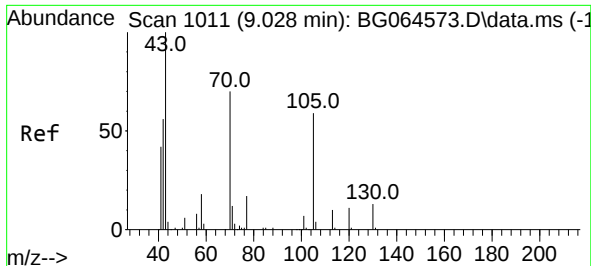
11/05/2025



#18
Hexachloroethane
Concen: 41.846 ng
RT: 9.319 min Scan# 1060
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:117 Resp: 31185
Ion Ratio Lower Upper
117 100
119 92.8 75.4 113.2
201 132.3 99.2 148.8





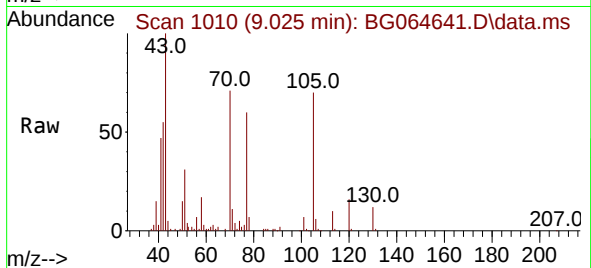
#19
n-Nitroso-di-n-propylamine
Concen: 39.903 ng
RT: 9.025 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 70 Resp: 65604
Ion Ratio Lower Upper
70 100
42 77.8 65.2 97.8
101 9.2 7.9 11.9
130 17.2 14.3 21.5

Manual Integrations

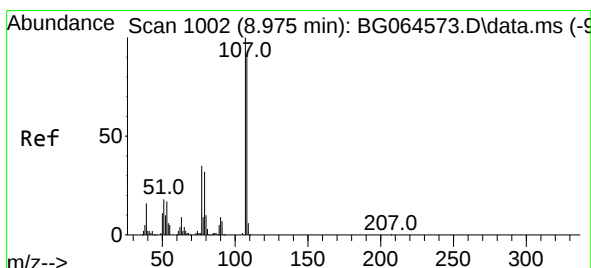
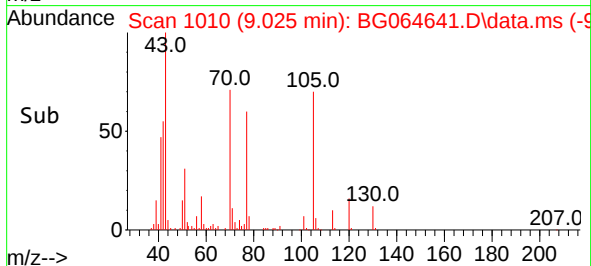
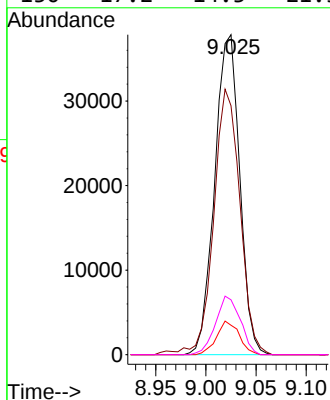
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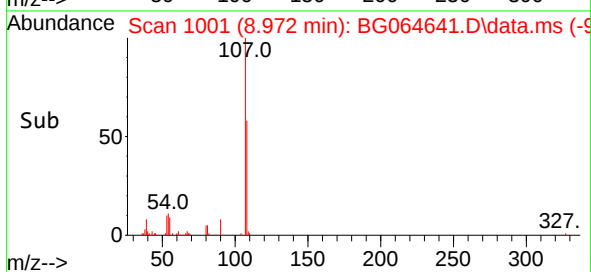
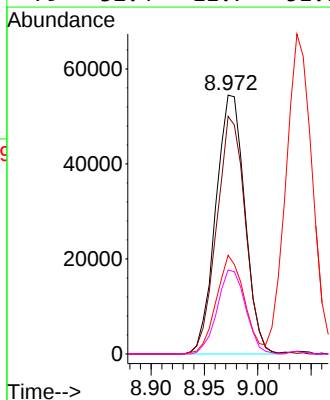
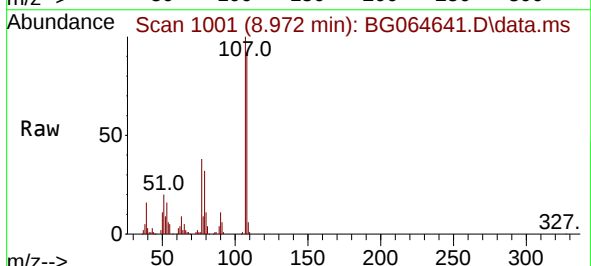
Supervised By :mohammad
ahmed

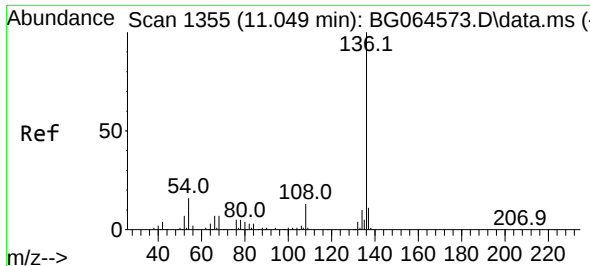
11/05/2025



#20
3+4-Methylphenols
Concen: 42.058 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:107 Resp: 103316
Ion Ratio Lower Upper
107 100
108 91.8 70.3 110.3
77 38.1 14.6 54.6
79 32.4 11.7 51.7





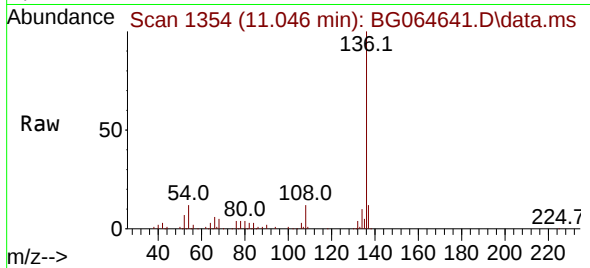
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11046
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:136 Resp: 112942
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 12.2 12.6 19.0
68 5.2 5.7 8.5

Manual Integrations

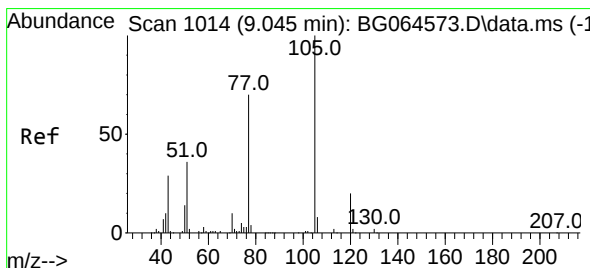
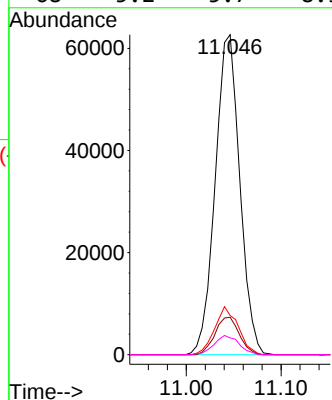
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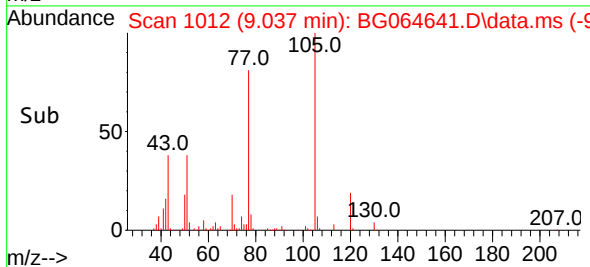
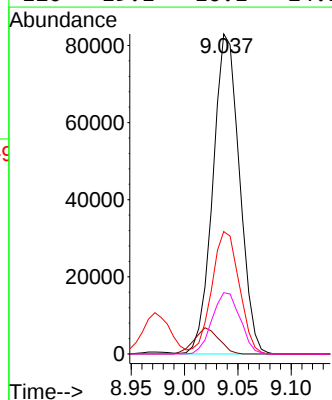
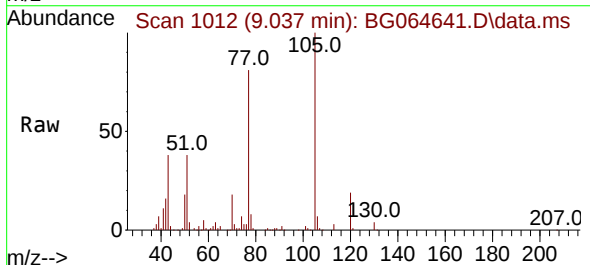
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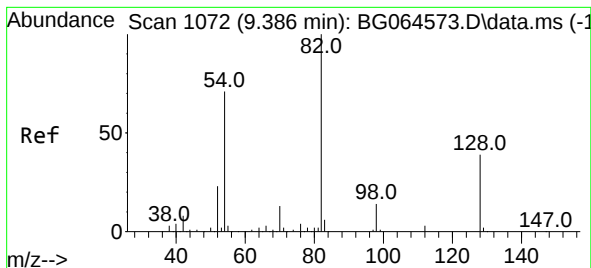
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#22
Acetophenone
Concen: 46.584 ng
RT: 9.037 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:105 Resp: 143823
Ion Ratio Lower Upper
105 100
71 3.2 1.5 2.3
51 38.3 33.7 50.5
120 19.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 94.882 ng

RT: 9.383 min Scan# 1071

Delta R.T. -0.003 min

Lab File: BG064641.D

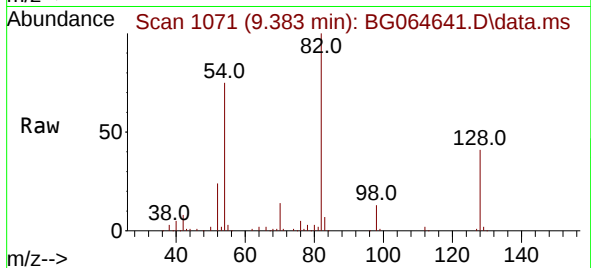
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:	82	Resp:	17841
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.3	46.9
54	74.7	56.6	84.8

Manual Integrations

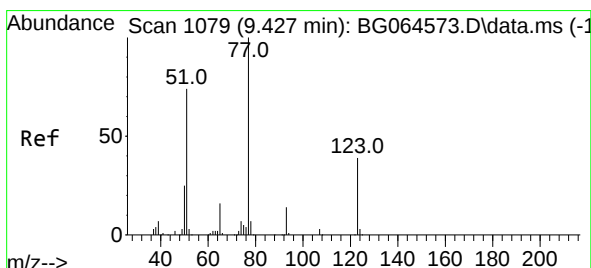
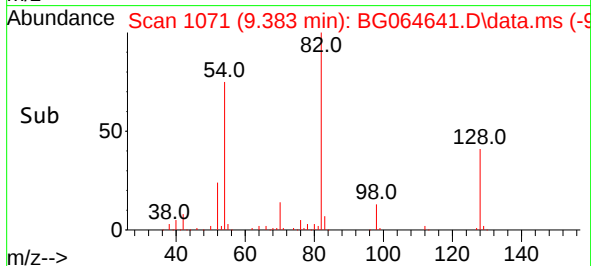
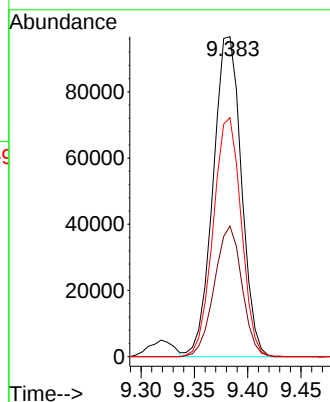
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Supervised By :mohammad
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#24

Nitrobenzene

Concen: 47.703 ng

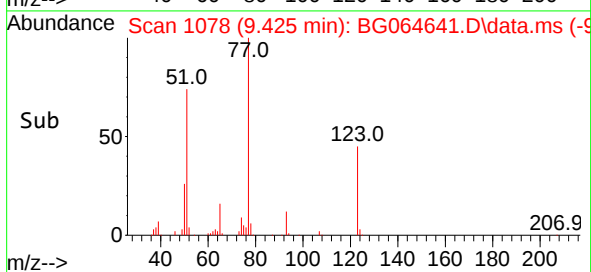
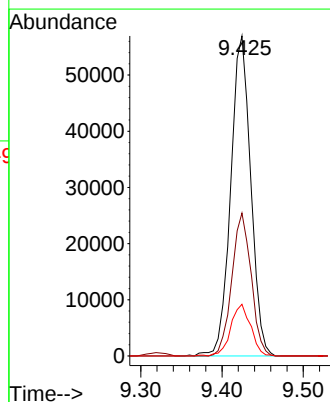
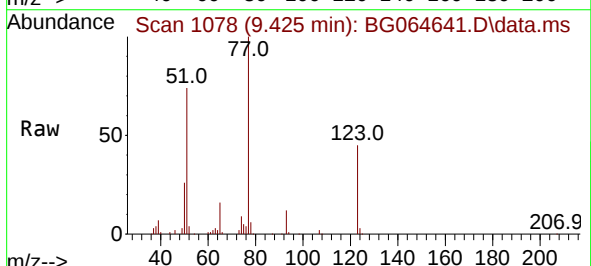
RT: 9.425 min Scan# 1078

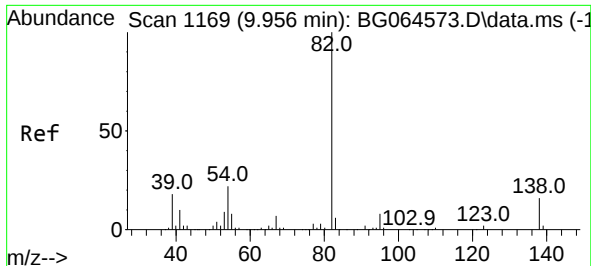
Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Tgt Ion:	77	Resp:	97564
Ion Ratio	Lower	Upper	
77	100		
123	44.6	31.0	46.6
65	16.1	12.7	19.1





#25
Isophorone
Concen: 40.859 ng
RT: 9.953 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion: 82 Resp: 184360
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 16.3 13.0 19.4

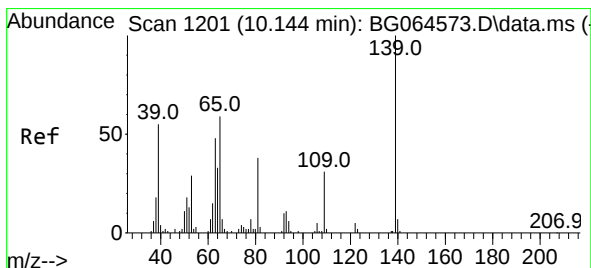
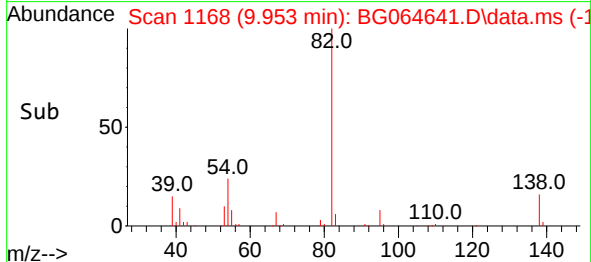
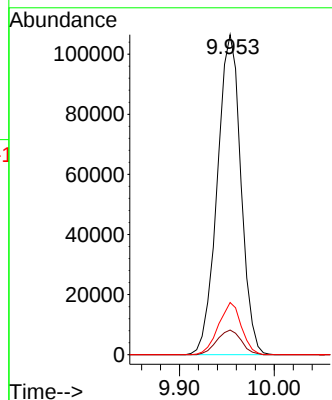
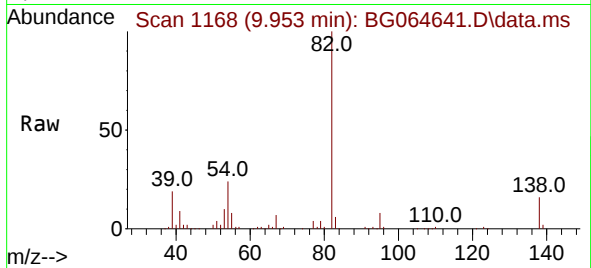
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Supervised By :mohammad ahmed 11/05/2025

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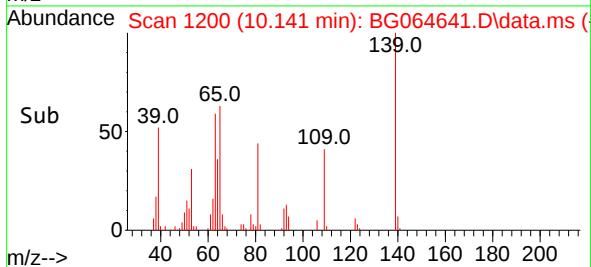
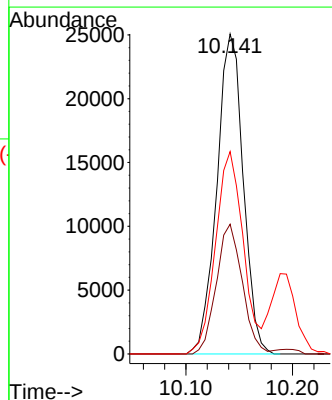
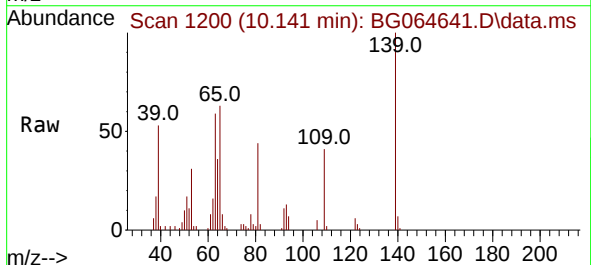
Supervised By :mohammad
ahmed

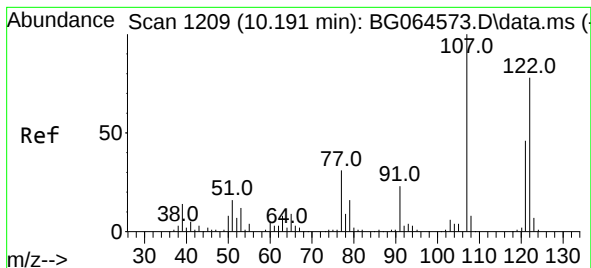
11/05/2025



#26
2-Nitrophenol
Concen: 54.220 ng
RT: 10.141 min Scan# 1200
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:139 Resp: 43129
Ion Ratio Lower Upper
139 100
109 40.5 24.6 37.0#
65 63.2 47.5 71.3





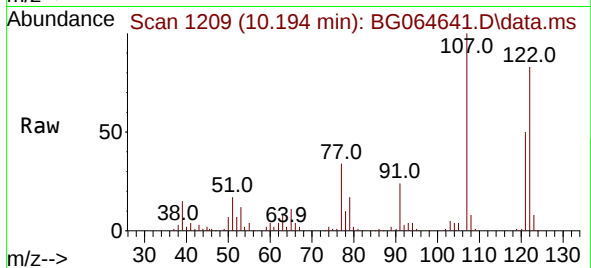
#27
2,4-Dimethylphenol
Concen: 51.076 ng
RT: 10.194 min Scan# 1209
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:122 Resp: 85720
Ion Ratio Lower Upper
122 100
107 121.1 103.0 154.4
121 60.0 47.8 71.8

Manual Integrations

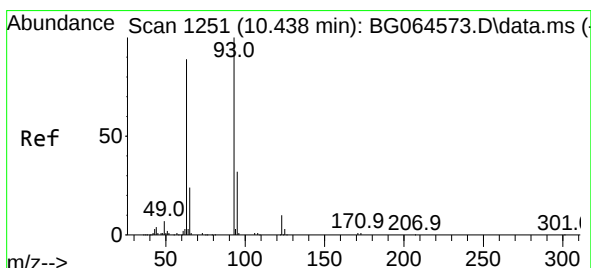
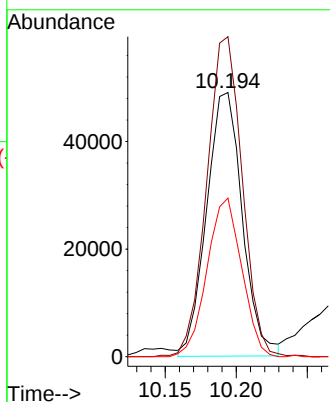
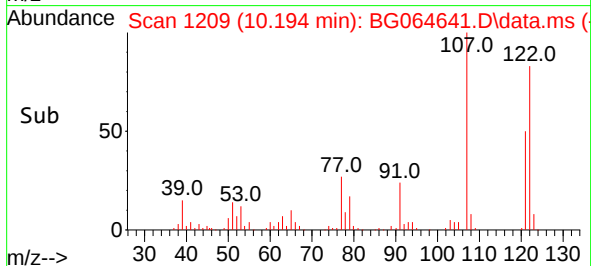
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

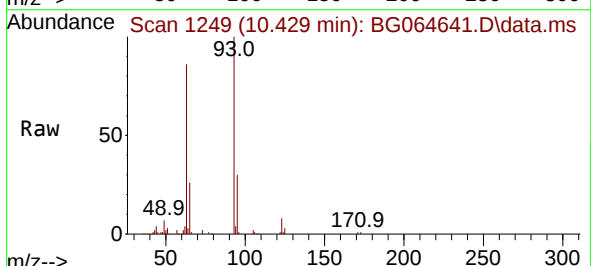
11/04/2025

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ahmed

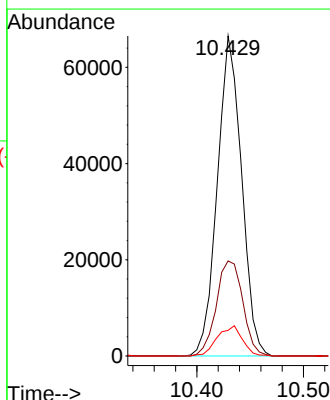
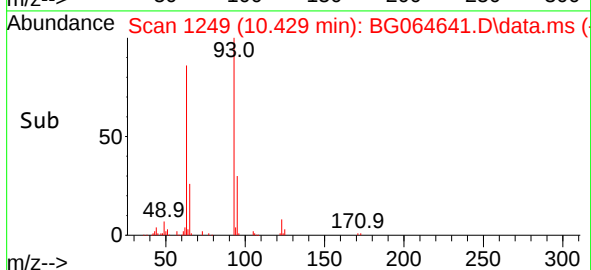
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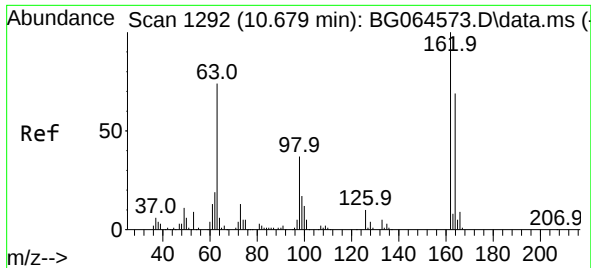


#28
bis(2-Chloroethoxy)methane
Concen: 40.866 ng
RT: 10.429 min Scan# 1249
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00



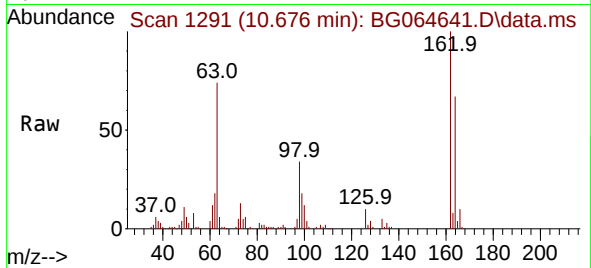
Tgt Ion: 93 Resp: 104988
Ion Ratio Lower Upper
93 100
95 29.7 25.4 38.2
123 8.0 8.4 12.6#





#29
2,4-Dichlorophenol
Concen: 48.760 ng
RT: 10.676 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



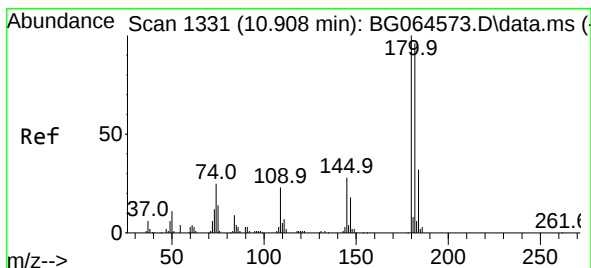
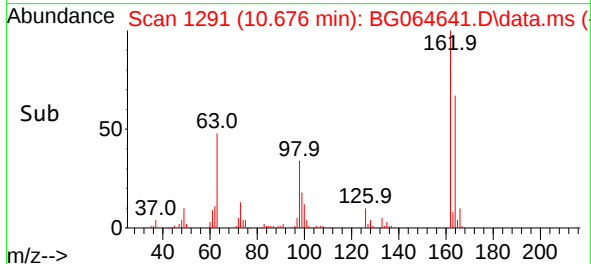
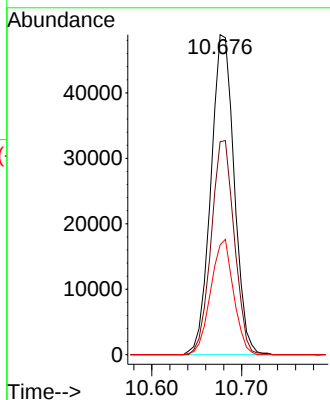
Tgt Ion:162 Resp: 88074
Ion Ratio Lower Upper
162 100
164 66.6 48.7 88.7
98 34.3 16.9 56.9

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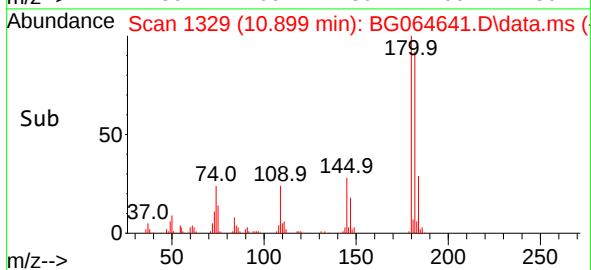
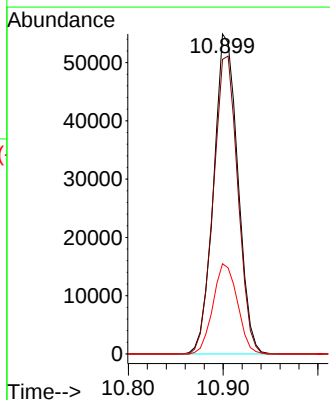
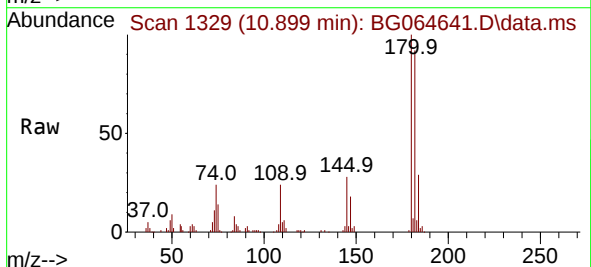
11/04/2025
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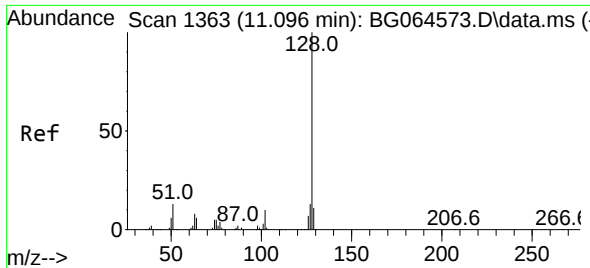
11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.472 ng
RT: 10.899 min Scan# 1329
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

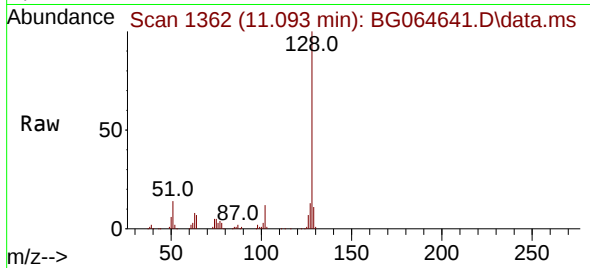
Tgt Ion:180 Resp: 97426
Ion Ratio Lower Upper
180 100
182 92.0 76.9 115.3
145 28.2 22.1 33.1





#31
Naphthalene
Concen: 41.503 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



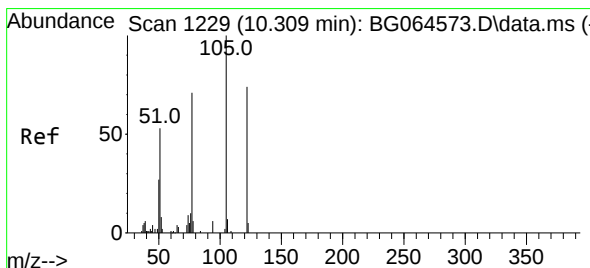
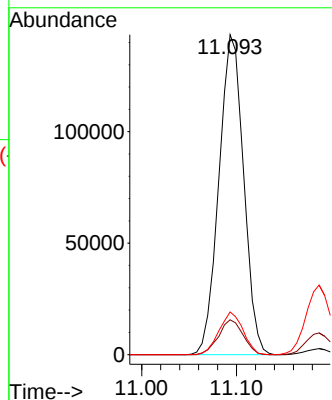
Tgt Ion:128 Resp: 259880
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8

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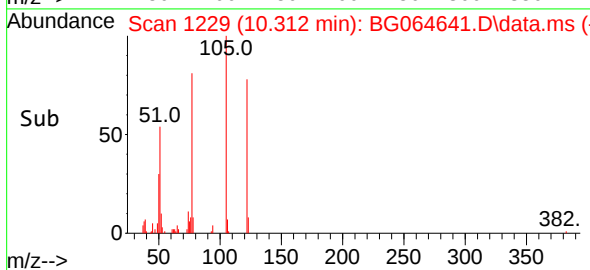
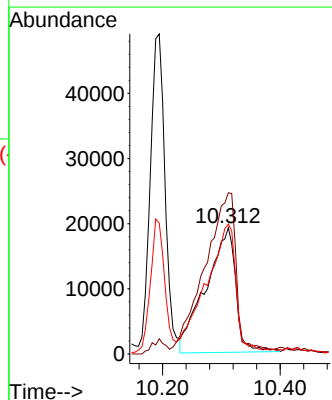
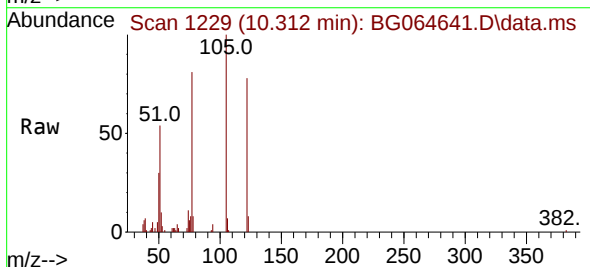
11/04/2025
Supervised By :mohammad
ahmed

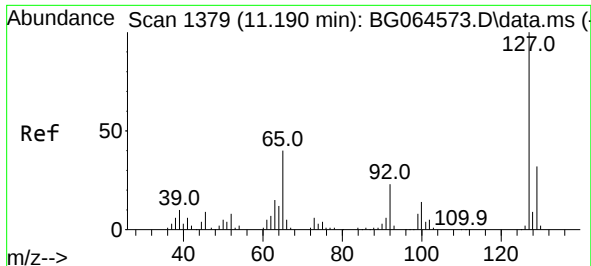
11/05/2025



#32
Benzoic acid
Concen: 51.749 ng
RT: 10.312 min Scan# 1229
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:122 Resp: 67075
Ion Ratio Lower Upper
122 100
105 127.7 104.2 144.2
77 102.9 70.2 110.2





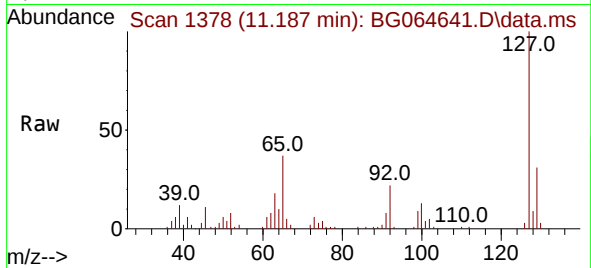
#33
4-Chloroaniline
Concen: 23.150 ng
RT: 11.187 min Scan# 11187
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:127 Resp: 56344
Ion Ratio Lower Upper
127 100
129 31.4 25.5 38.3
65 36.8 32.2 48.4
92 21.9 18.2 27.2

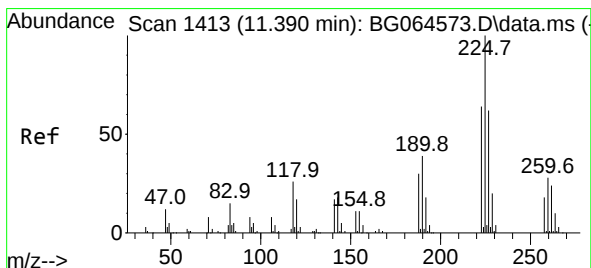
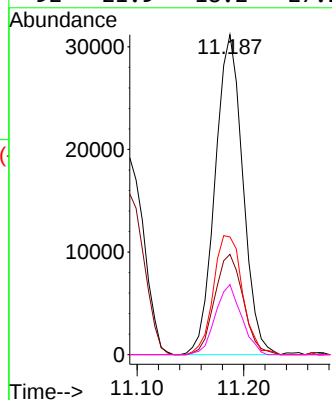
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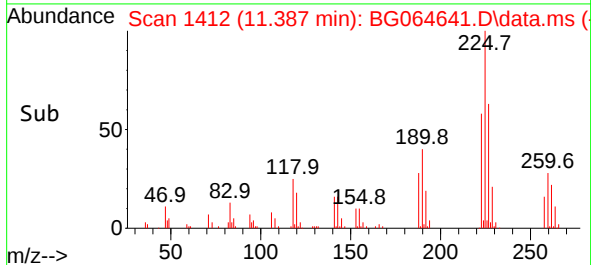
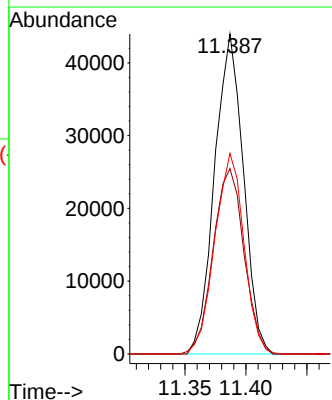
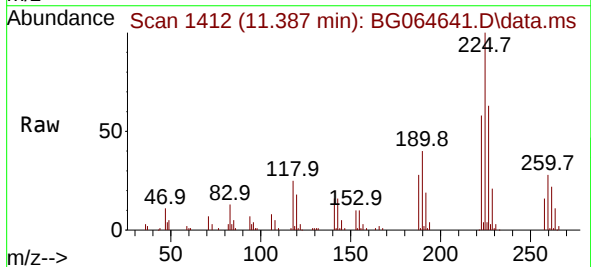
Supervised By :mohammad
ahmed

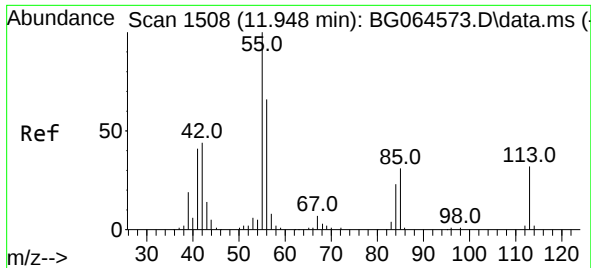
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#34
Hexachlorobutadiene
Concen: 45.009 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:225 Resp: 72239
Ion Ratio Lower Upper
225 100
223 57.9 48.8 73.2
227 65.2 49.5 74.3





#35
Caprolactam
Concen: 43.072 ng m
RT: 11.945 min Scan# 1507
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:113 Resp: 29839
Ion Ratio Lower Upper
113 100
55 314.7 290.1 330.1
56 249.4 183.8 223.8

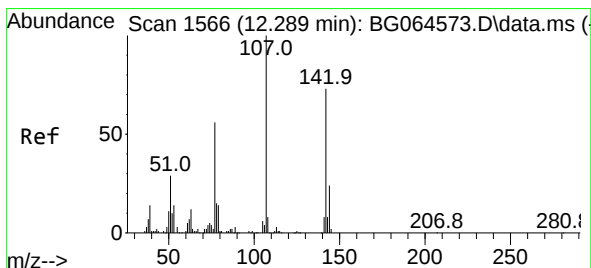
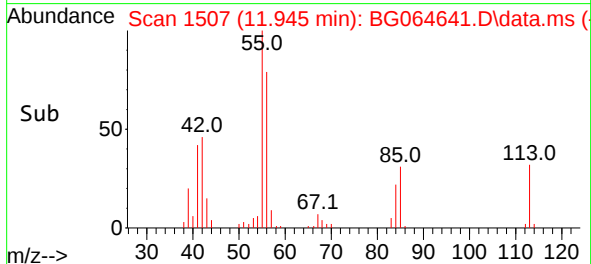
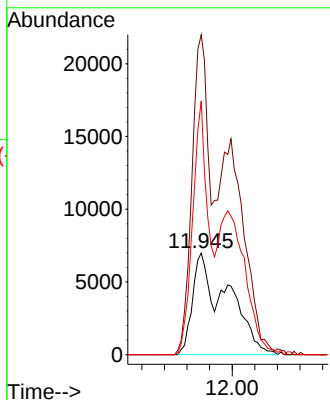
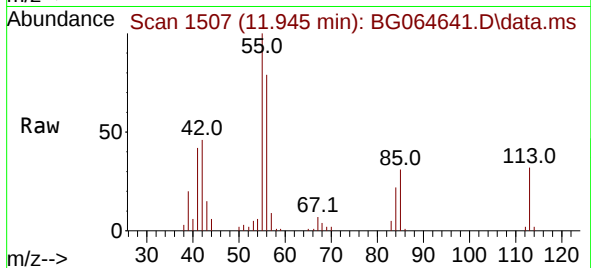
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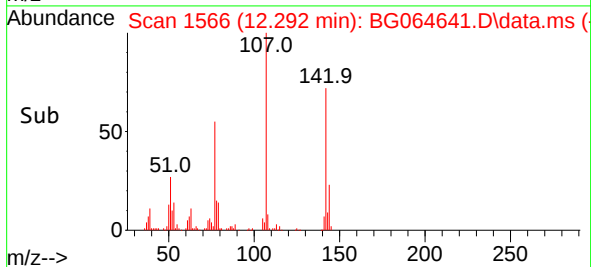
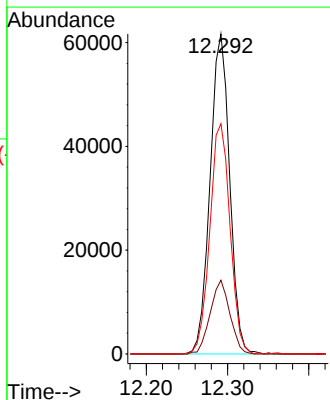
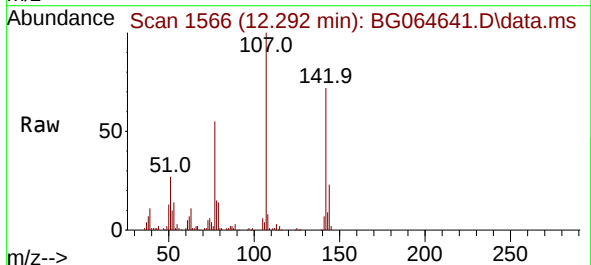
Supervised By :mohammad
ahmed

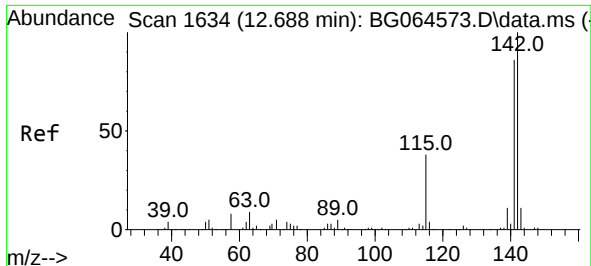
11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 47.516 ng
RT: 12.292 min Scan# 1566
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:107 Resp: 103164
Ion Ratio Lower Upper
107 100
144 23.0 19.1 28.7
142 71.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 39.443 ng
RT: 12.685 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:142 Resp: 181334
Ion Ratio Lower Upper
142 100
141 84.6 68.9 103.3
115 38.0 30.6 46.0

Manual Integrations

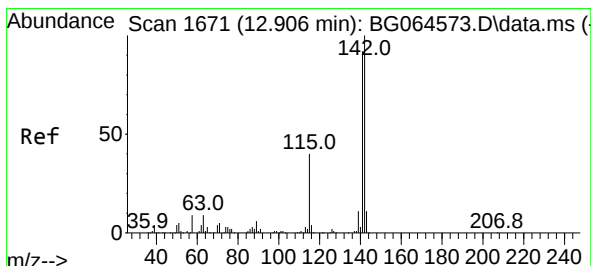
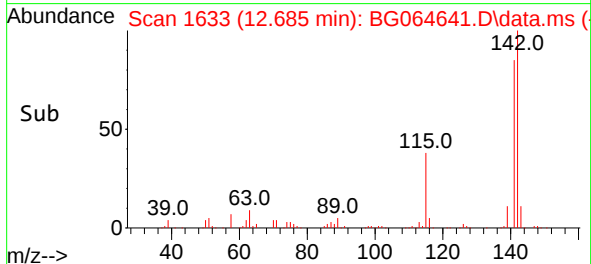
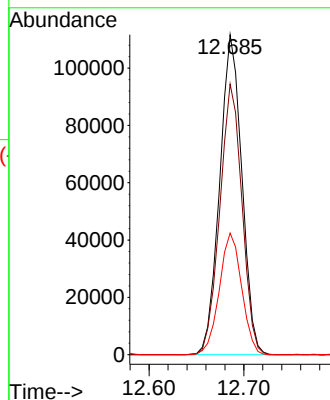
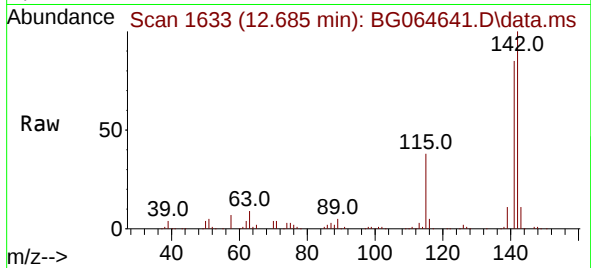
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Supervised By :mohammad ahmed 11/05/2025

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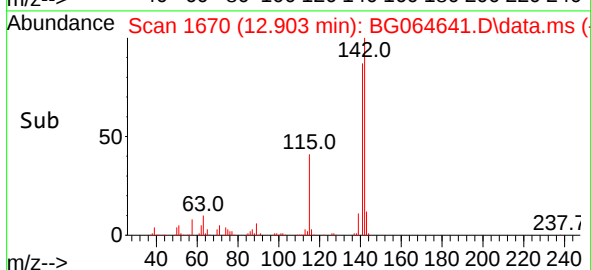
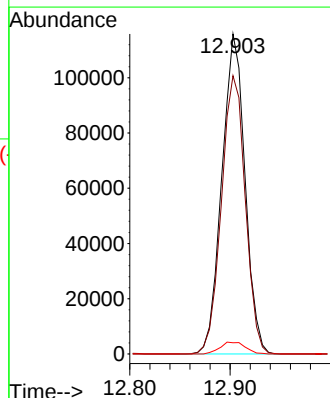
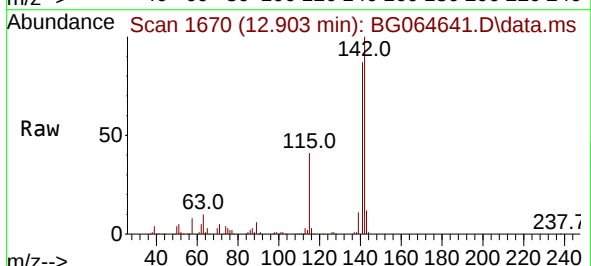
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ahmed

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#38
1-Methylnaphthalene
Concen: 40.759 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:142 Resp: 185506
Ion Ratio Lower Upper
142 100
141 86.9 73.3 109.9
116 3.5 3.1 4.7





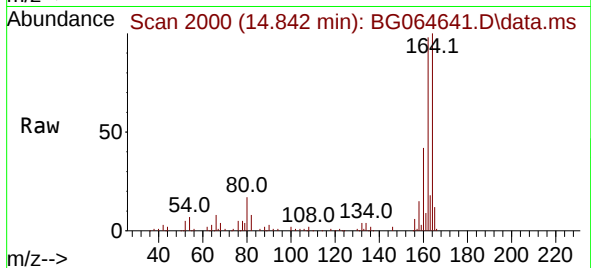
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:164 Resp: 90672
Ion Ratio Lower Upper
164 100
162 98.0 77.0 115.6
160 41.7 34.4 51.6

Manual Integrations

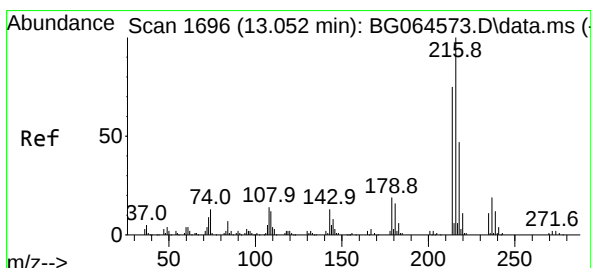
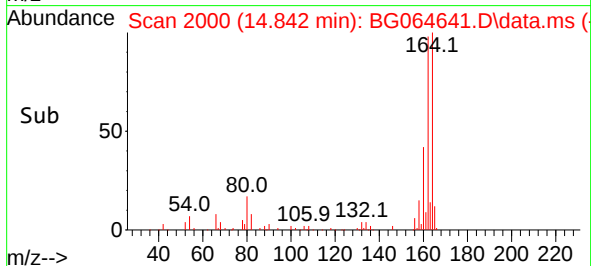
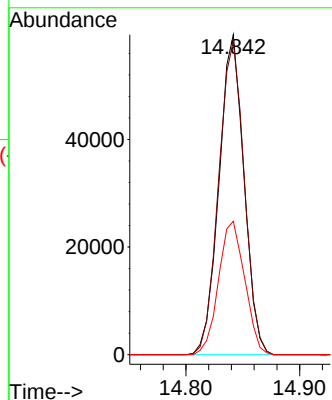
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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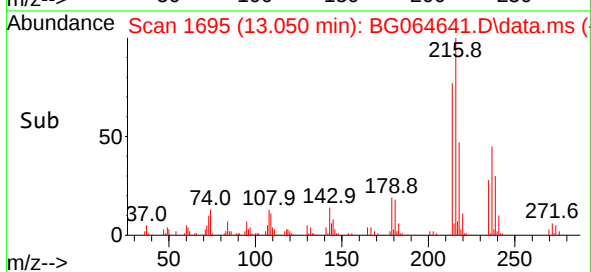
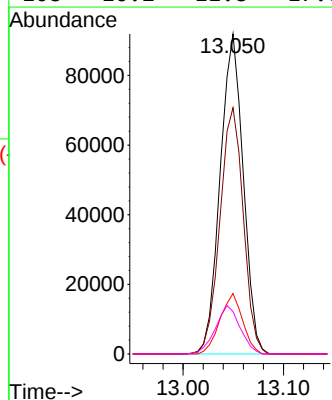
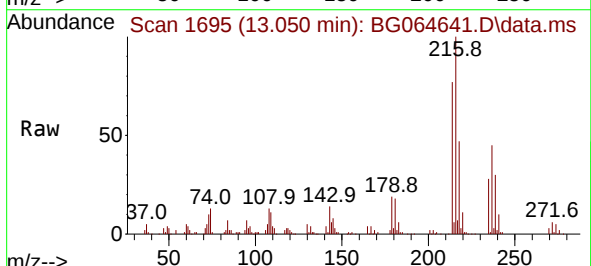
Supervised By :mohammad
ahmed

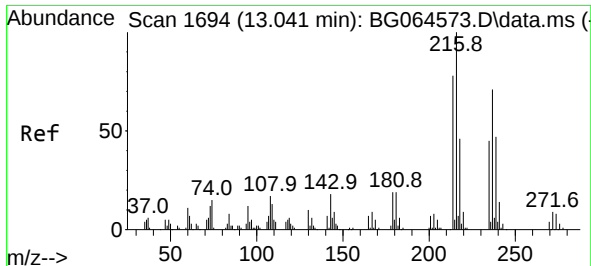
11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.213 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

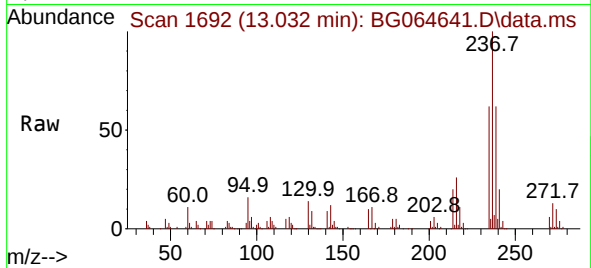
Tgt Ion:216 Resp: 146714
Ion Ratio Lower Upper
216 100
214 77.9 61.4 92.2
179 18.6 15.4 23.0
108 16.2 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 130.820 ng
RT: 13.032 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



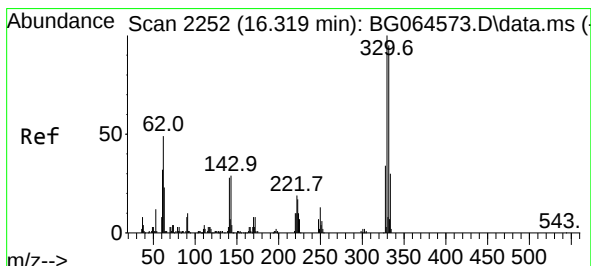
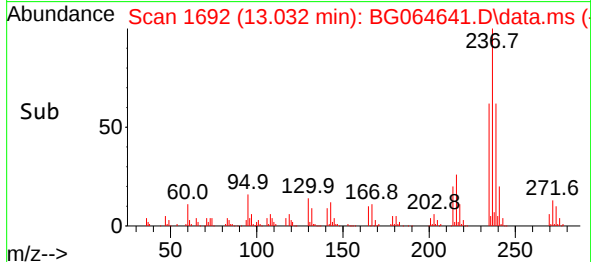
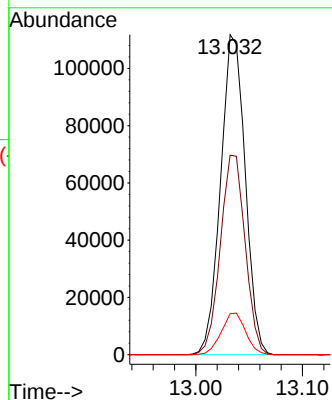
Tgt Ion:237 Resp: 17918
Ion Ratio Lower Upper
237 100
235 62.4 44.1 84.1
272 12.8 0.0 32.4

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Supervised By :mohammad ahmed 11/05/2025

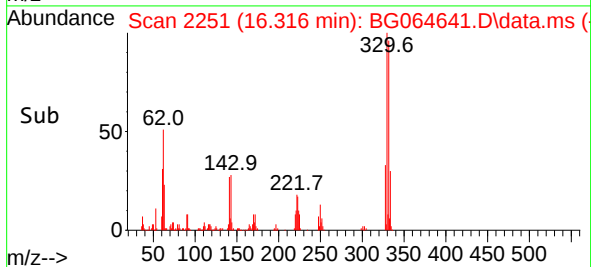
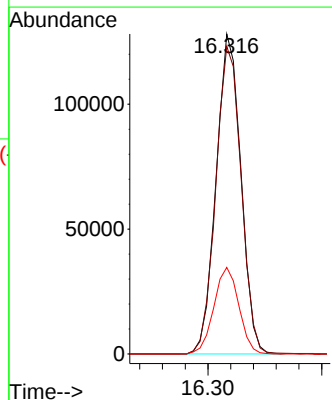
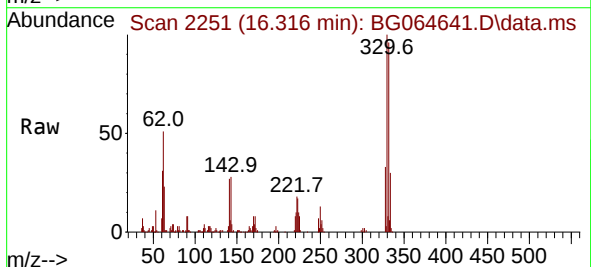
11/04/2025
Supervised By :mohammad
ahmed

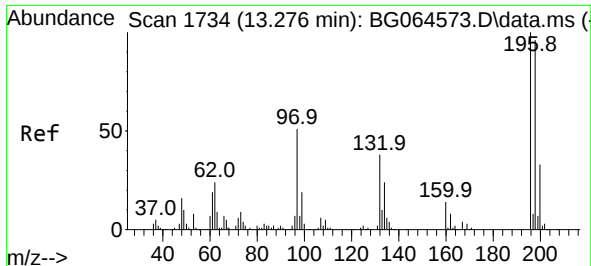
11/05/2025



#42
2,4,6-Tribromophenol
Concen: 148.188 ng
RT: 16.316 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

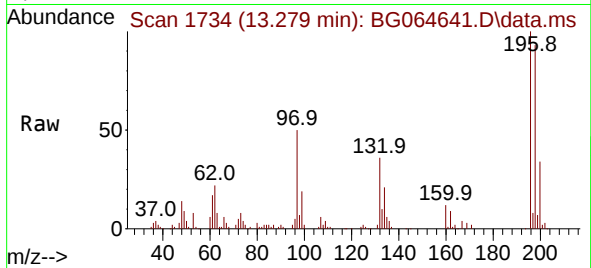
Tgt Ion:330 Resp: 193929
Ion Ratio Lower Upper
330 100
332 98.4 78.0 117.0
141 27.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 50.122 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



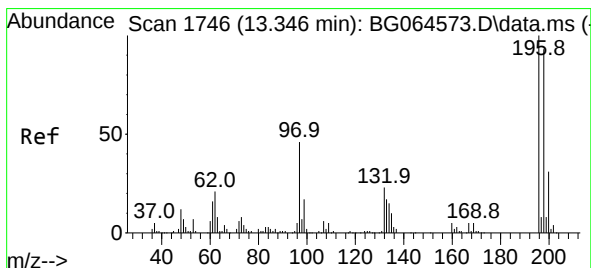
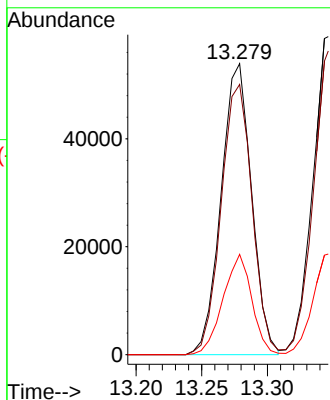
Tgt Ion:196 Resp: 8724
Ion Ratio Lower Upper
196 100
198 92.9 76.6 115.0
200 34.5 26.0 39.0

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

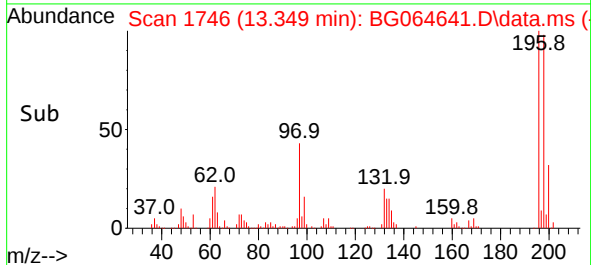
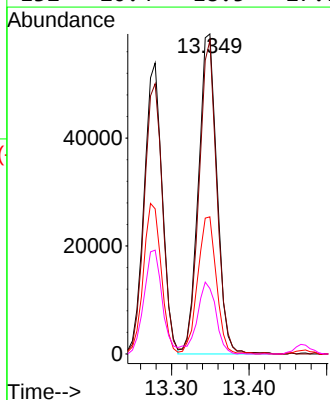
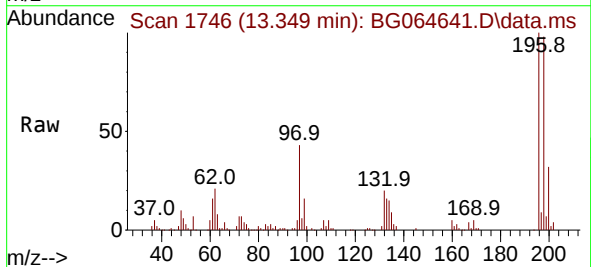
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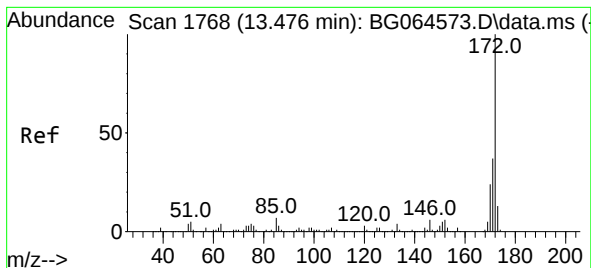
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#44
2,4,5-Trichlorophenol
Concen: 49.017 ng
RT: 13.349 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

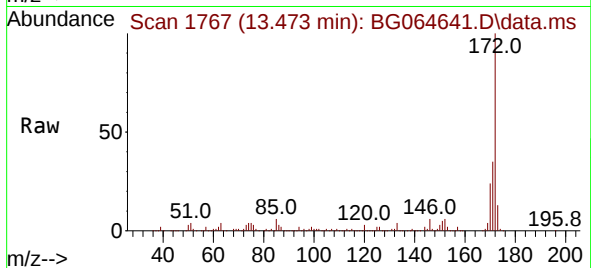
Tgt Ion:196 Resp: 98459
Ion Ratio Lower Upper
196 100
198 98.0 74.2 111.4
97 42.8 37.0 55.6
132 20.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 81.436 ng
RT: 13.473 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
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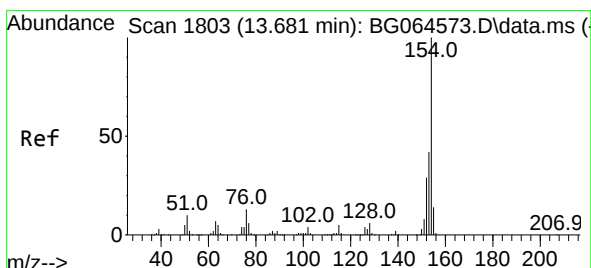
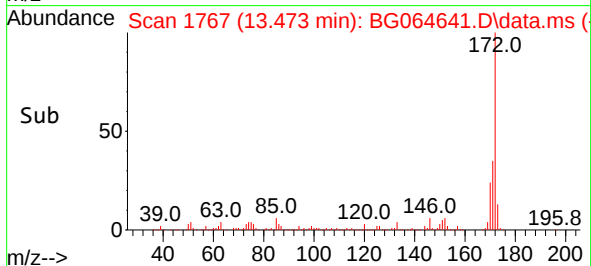
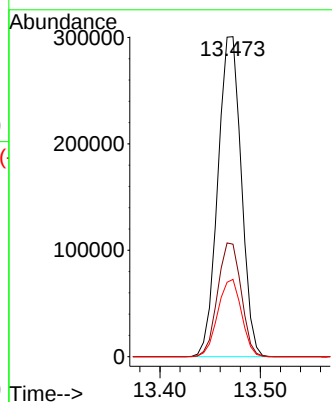
Tgt Ion:172 Resp: 48715
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 24.1 19.1 28.7

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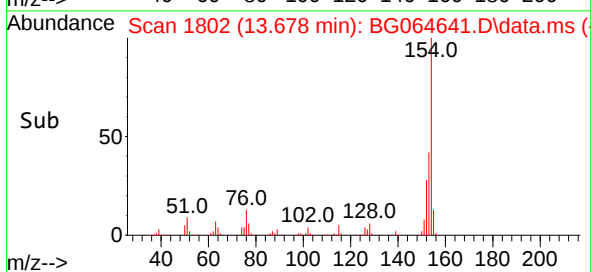
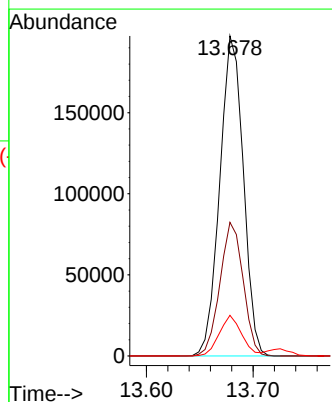
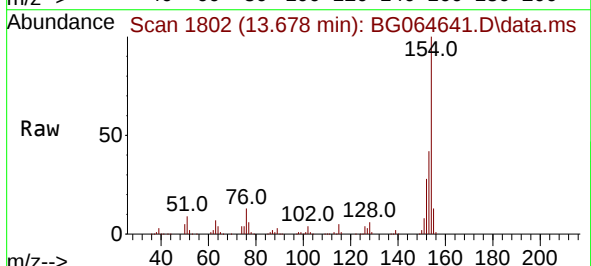
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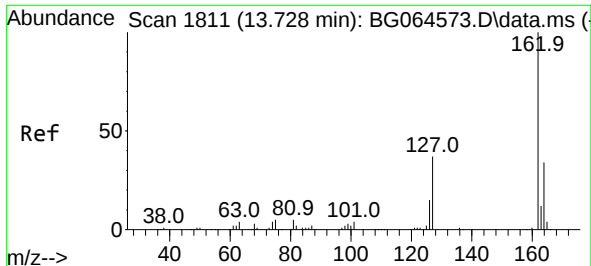
11/05/2025



#46
1,1'-Biphenyl
Concen: 46.884 ng
RT: 13.678 min Scan# 1802
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:154 Resp: 302224
Ion Ratio Lower Upper
154 100
153 41.8 22.4 62.4
76 12.7 0.0 33.5





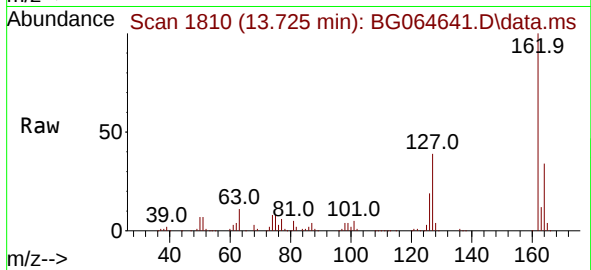
#47
2-Chloronaphthalene
Concen: 42.816 ng
RT: 13.725 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:162 Resp: 208334
Ion Ratio Lower Upper
162 100
127 38.8 32.2 48.2
164 34.3 27.5 41.3

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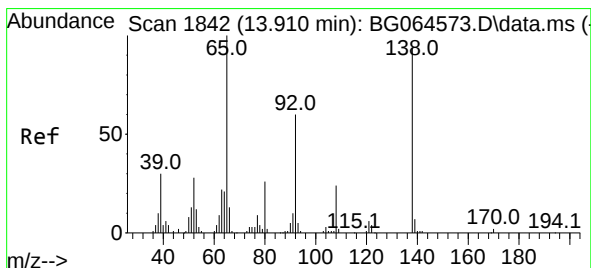
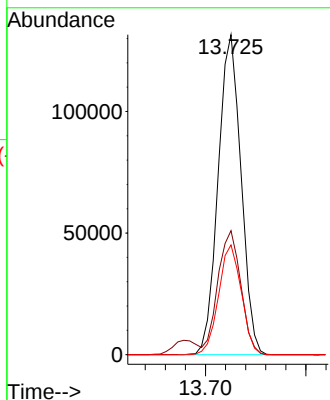
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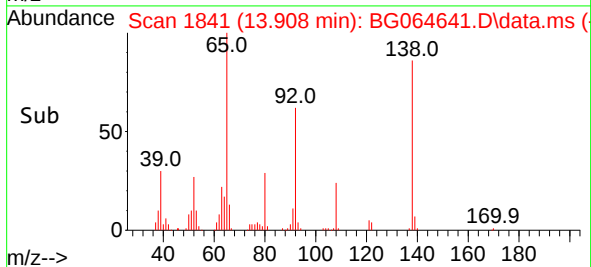
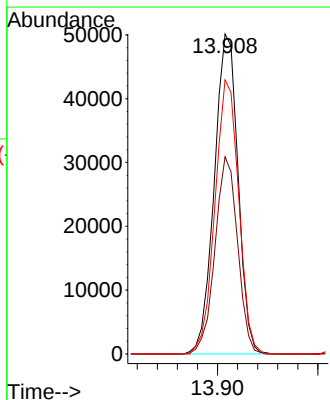
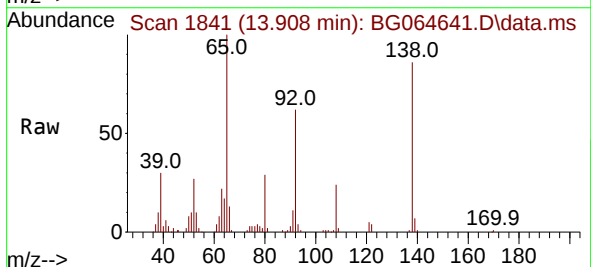
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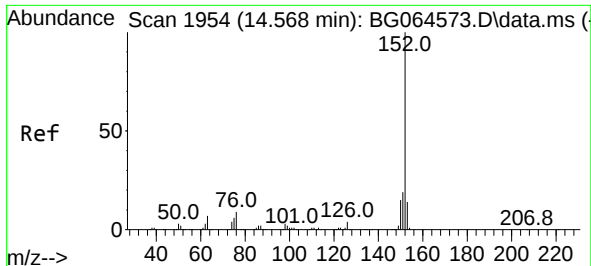
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#48
2-Nitroaniline
Concen: 50.050 ng
RT: 13.908 min Scan# 1841
Delta R.T. -0.002 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion: 65 Resp: 81997
Ion Ratio Lower Upper
65 100
92 61.6 48.3 72.5
138 85.7 74.9 112.3





#49
Acenaphthylene
Concen: 49.227 ng
RT: 14.566 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:152 Resp: 37781
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.8 11.0 16.4

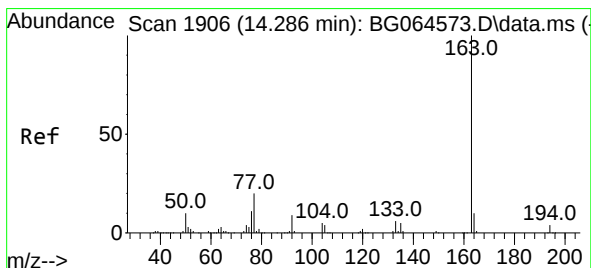
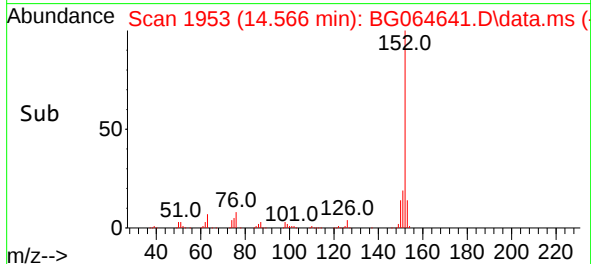
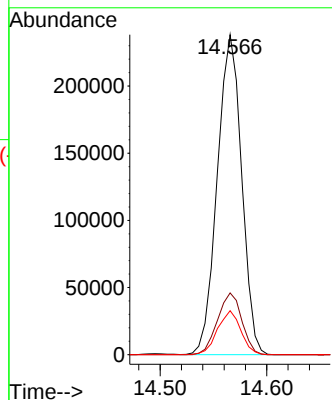
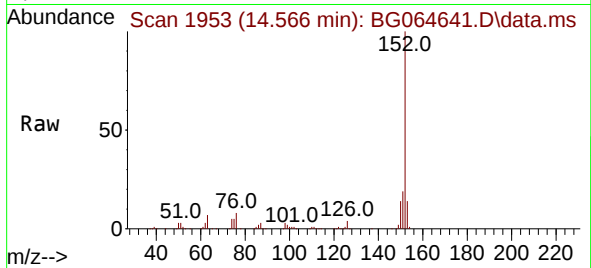
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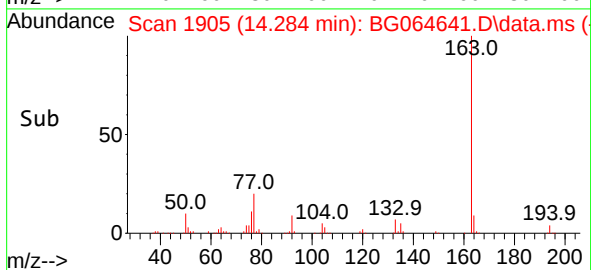
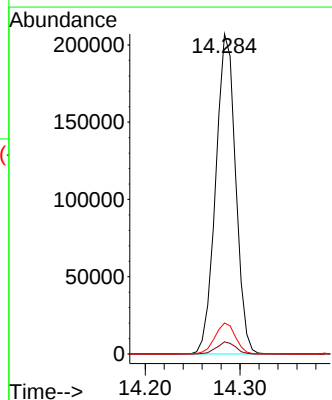
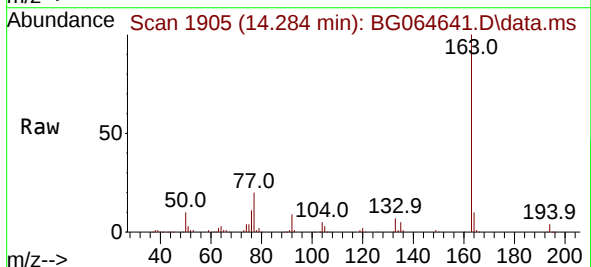
Supervised By :mohammad
ahmed

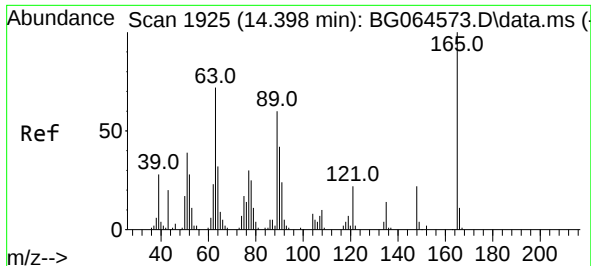
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#50
Dimethylphthalate
Concen: 43.576 ng
RT: 14.284 min Scan# 1905
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

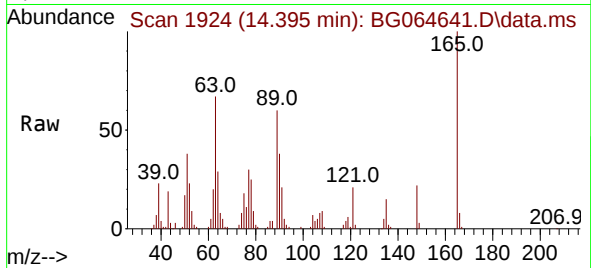
Tgt Ion:163 Resp: 302338
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.6 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 52.858 ng
RT: 14.395 min Scan# 1925
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



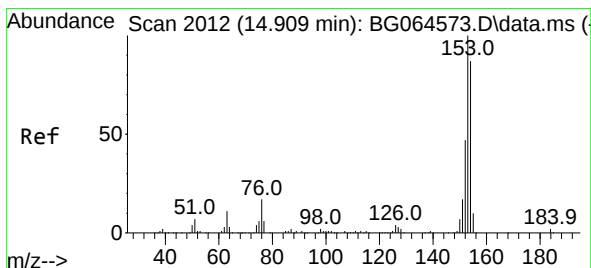
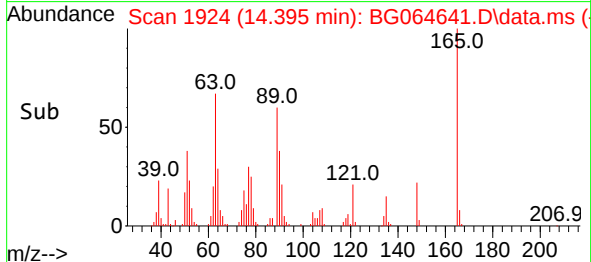
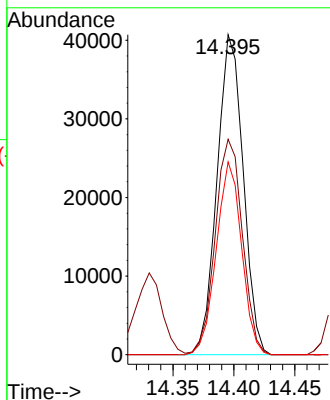
Tgt Ion:165 Resp: 60909
Ion Ratio Lower Upper
165 100
63 67.3 57.4 86.0
89 60.2 47.8 71.8

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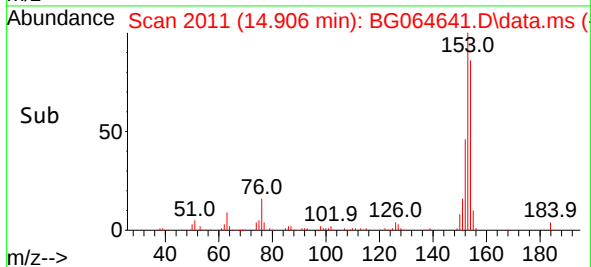
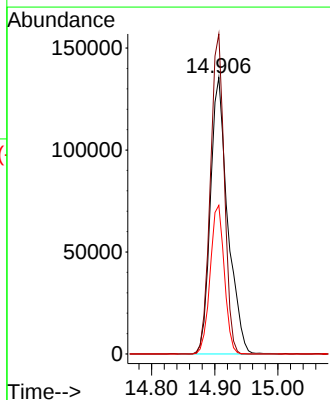
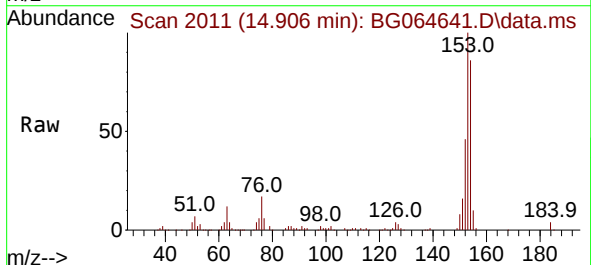
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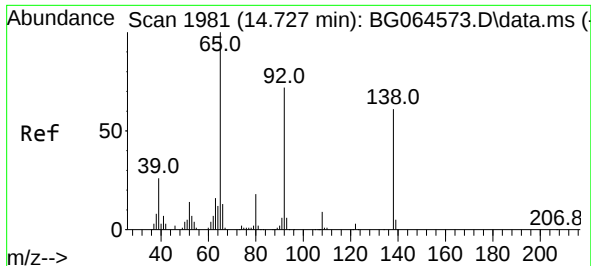
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#52
Acenaphthene
Concen: 49.101 ng
RT: 14.906 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:154 Resp: 257465
Ion Ratio Lower Upper
154 100
153 115.8 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 37.235 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:138 Resp: 44398
Ion Ratio Lower Upper
138 100
108 11.3 11.4 17.0
92 116.7 95.3 142.9

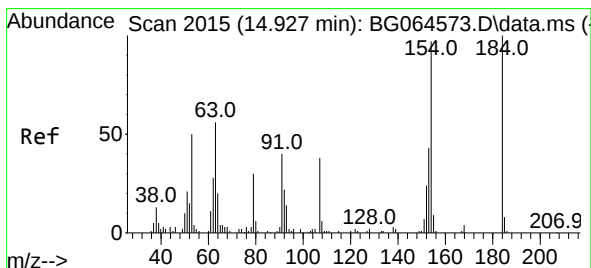
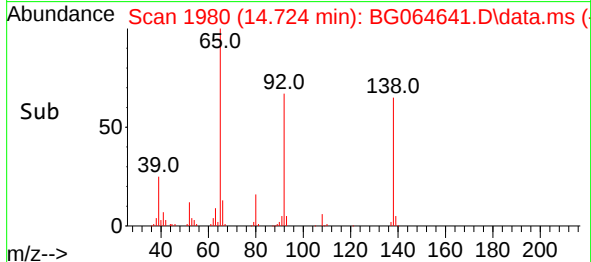
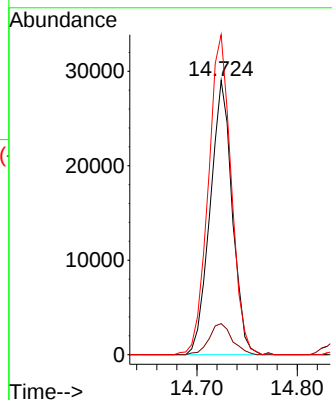
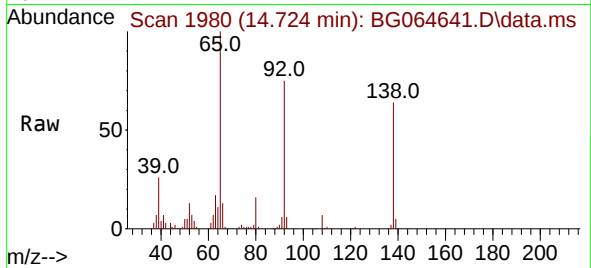
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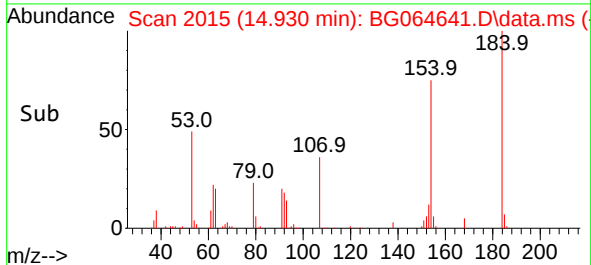
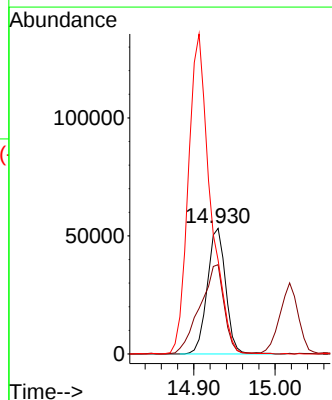
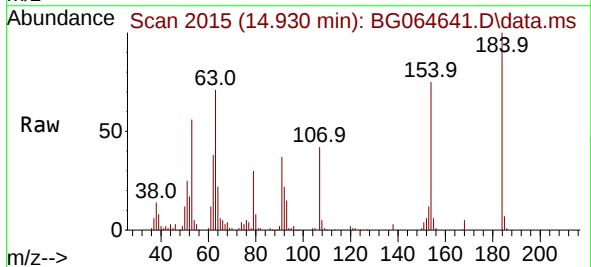
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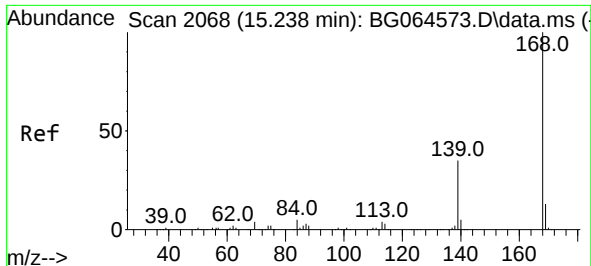
11/05/2025



#54
2,4-Dinitrophenol
Concen: 116.048 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

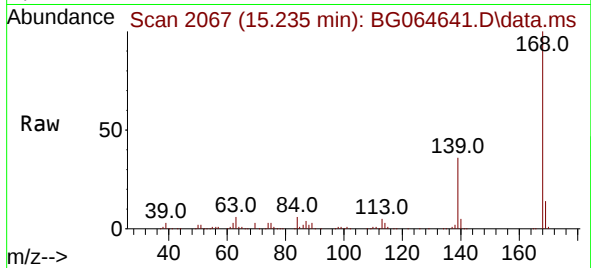
Tgt Ion:184 Resp: 83418
Ion Ratio Lower Upper
184 100
63 71.0 56.6 85.0
154 74.6 158.6 238.0#





#55
Dibenzenofuran
Concen: 43.224 ng
RT: 15.235 min Scan# 2067
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



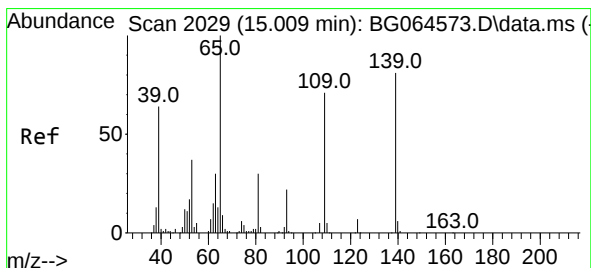
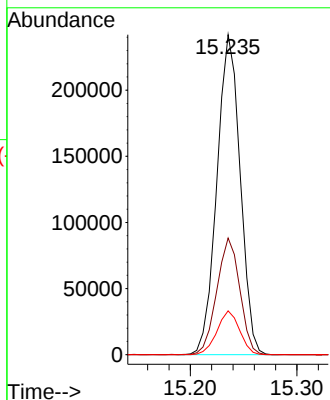
Tgt Ion:168 Resp: 366420
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.8
169 13.7 10.3 15.5

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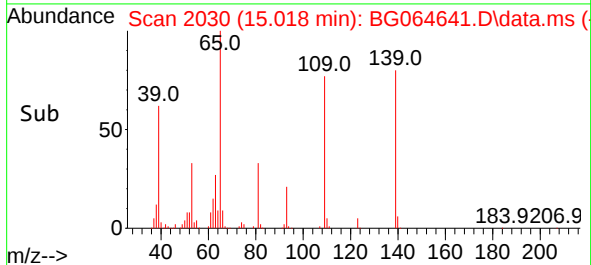
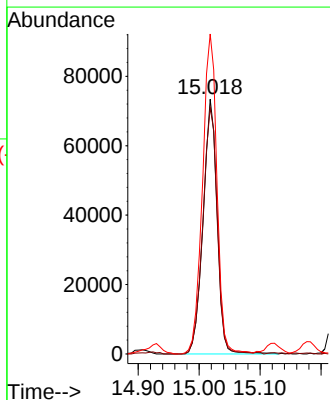
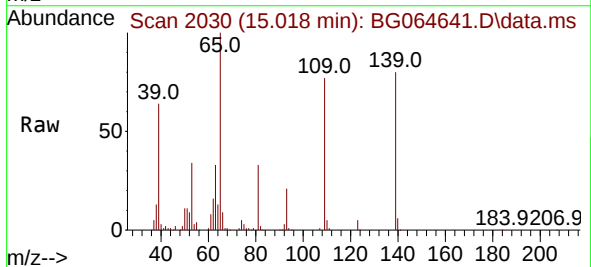
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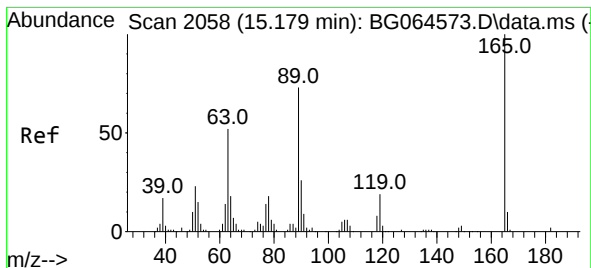
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#56
4-Nitrophenol
Concen: 106.448 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:139 Resp: 117677
Ion Ratio Lower Upper
139 100
109 96.7 67.8 107.8
65 125.6 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 52.491 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:165 Resp: 9345
Ion Ratio Lower Upper
165 100
63 49.8 41.8 62.8
89 68.2 58.1 87.1
182 2.0 1.4 2.0

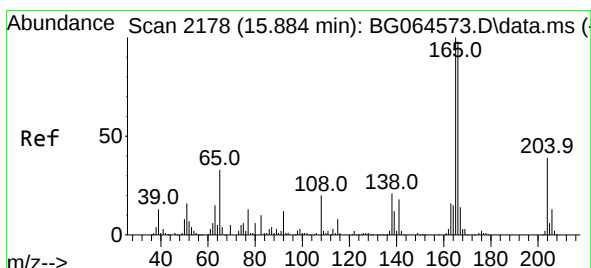
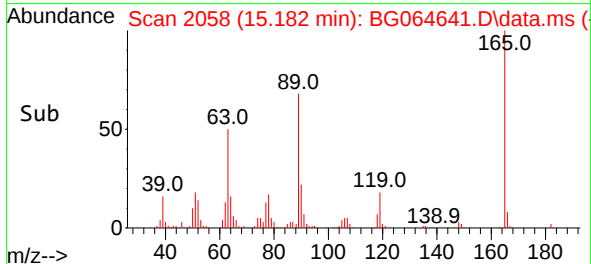
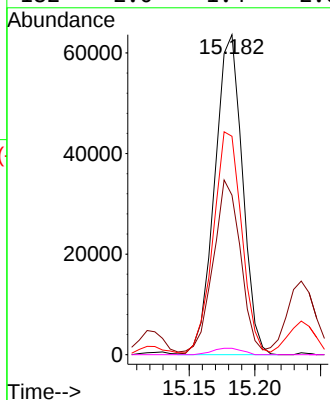
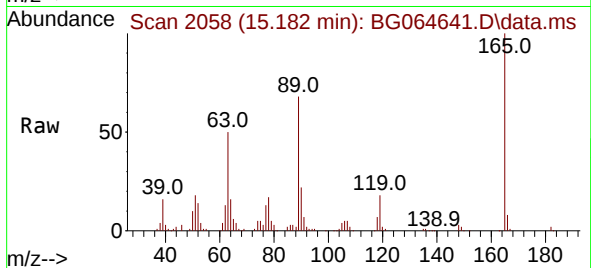
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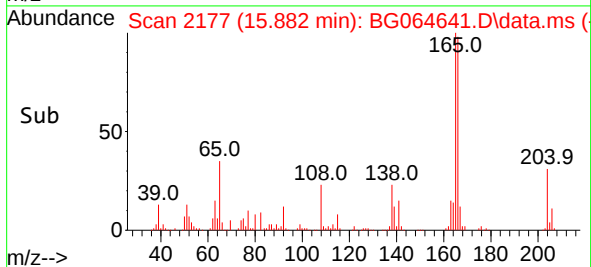
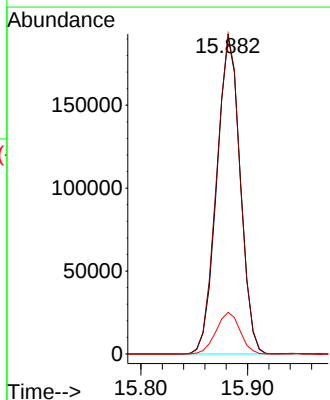
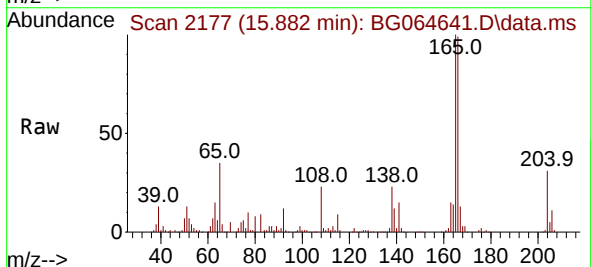
Supervised By :mohammad
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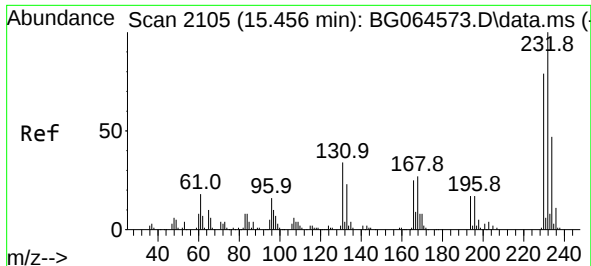
11/05/2025



#58
Fluorene
Concen: 44.132 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

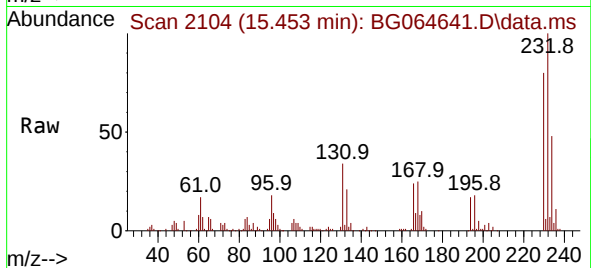
Tgt Ion:166 Resp: 292173
Ion Ratio Lower Upper
166 100
165 101.0 81.5 122.3
167 13.1 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.866 ng
RT: 15.453 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



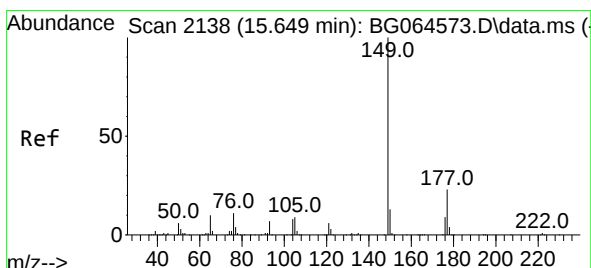
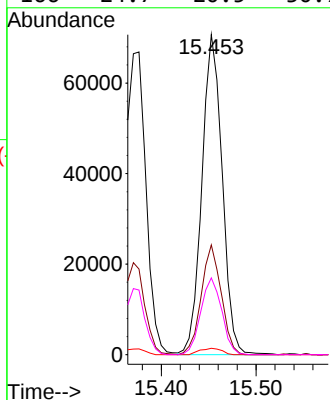
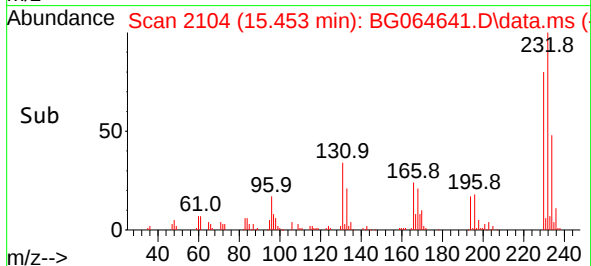
Tgt Ion:232 Resp: 105380
Ion Ratio Lower Upper
232 100
131 33.7 26.7 40.1
130 2.1 1.6 2.4
166 24.7 20.5 30.7

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Supervised By :mohammad ahmed 11/05/2025

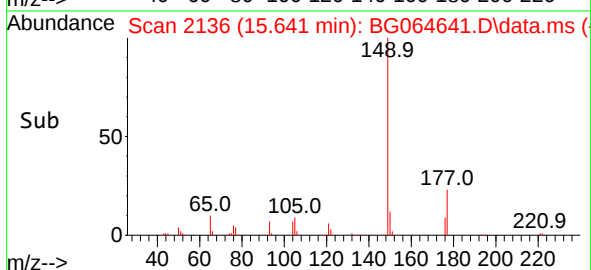
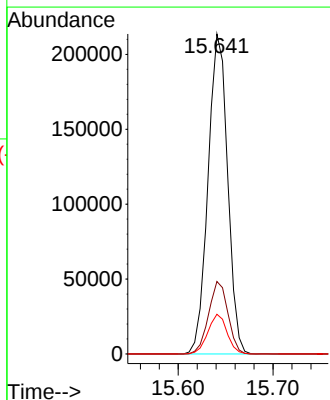
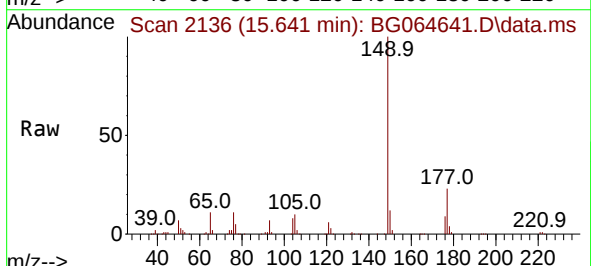
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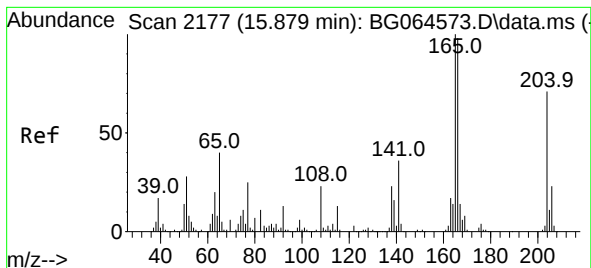
11/05/2025



#60
Diethylphthalate
Concen: 43.131 ng
RT: 15.641 min Scan# 2136
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

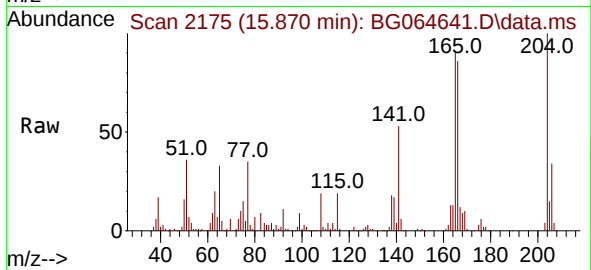
Tgt Ion:149 Resp: 305550
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.715 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



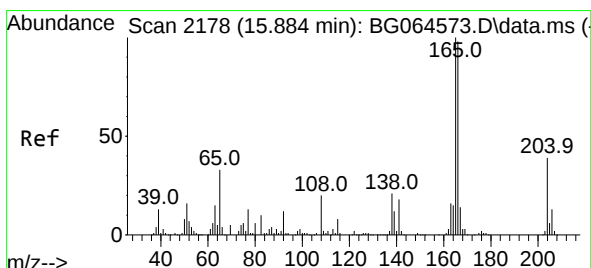
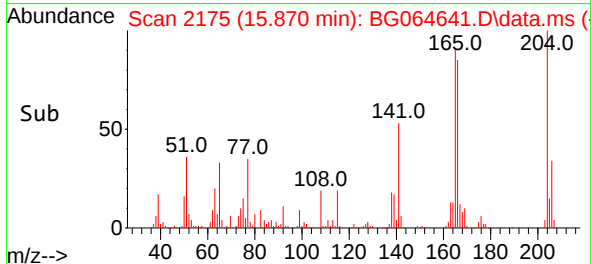
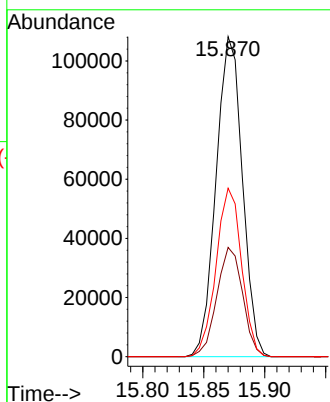
Tgt Ion:204 Resp: 162418
Ion Ratio Lower Upper
204 100
206 34.2 25.6 38.4
141 52.7 40.6 60.8

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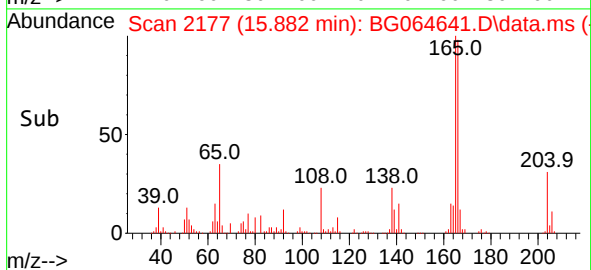
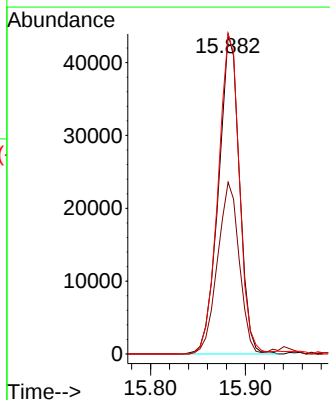
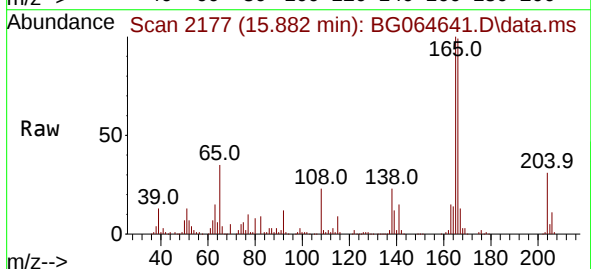
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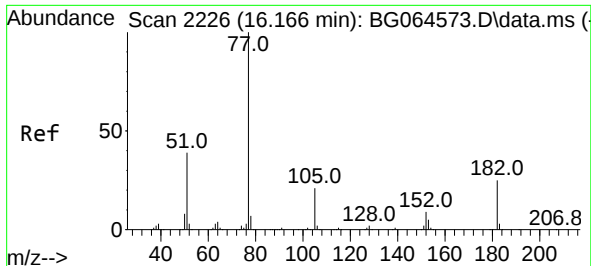
11/05/2025



#62
4-Nitroaniline
Concen: 50.827 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:138 Resp: 67423
Ion Ratio Lower Upper
138 100
92 53.7 36.1 76.1
108 100.0 75.6 115.6





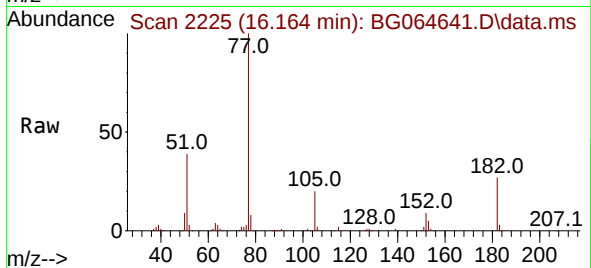
#63
Azobenzene
Concen: 43.121 ng
RT: 16.164 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion: 77 Resp: 28029
Ion Ratio Lower Upper
77 100
182 26.7 4.9 44.9
105 19.9 1.3 41.3
51 38.6 19.0 59.0

Manual Integrations

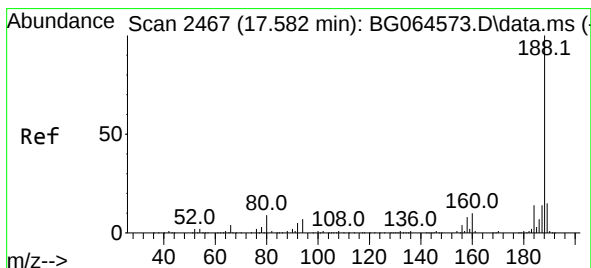
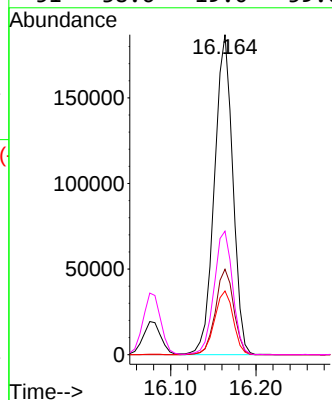
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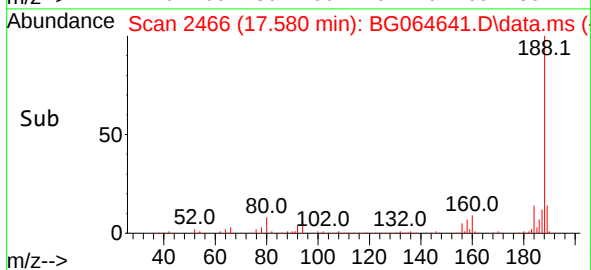
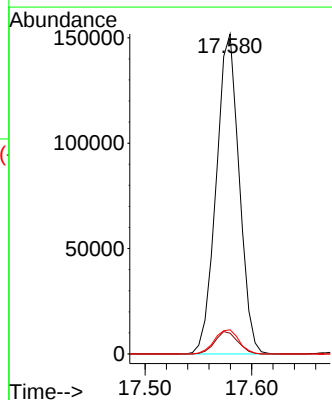
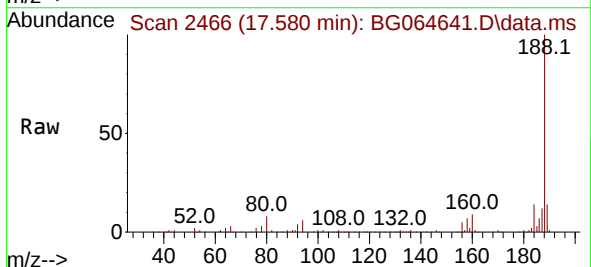
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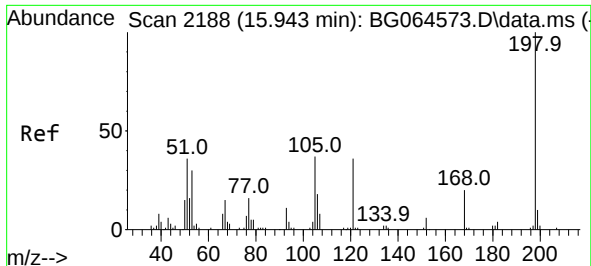
11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:188 Resp: 226757
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.5 6.8 10.2





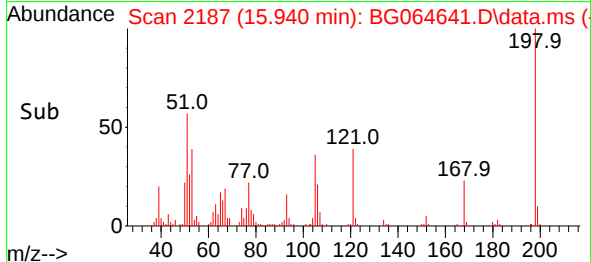
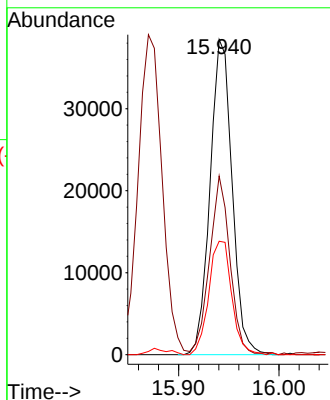
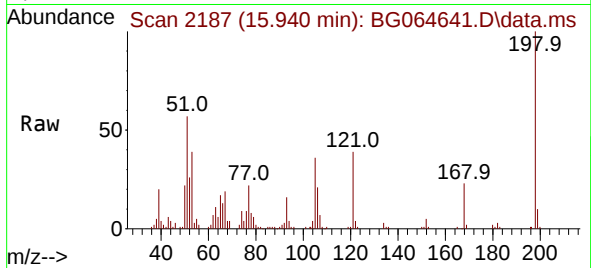
#65
4,6-Dinitro-2-methylphenol
Concen: 57.577 ng
RT: 15.940 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS

Tgt Ion:198 Resp: 5866
Ion Ratio Lower Upper
198 100
51 56.7 24.7 64.7
105 36.0 18.0 58.0

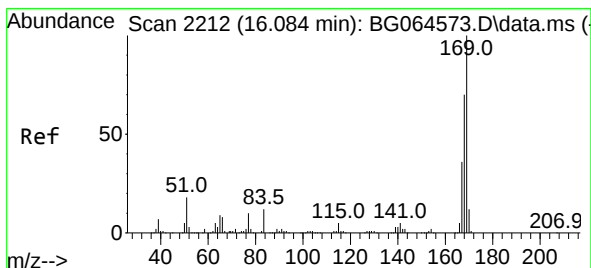
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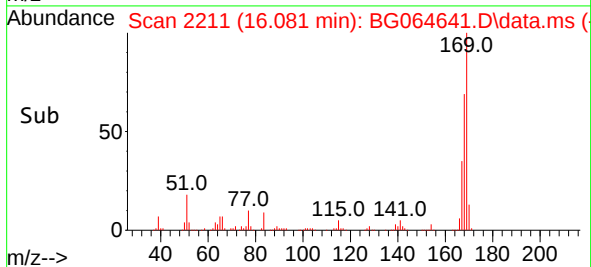
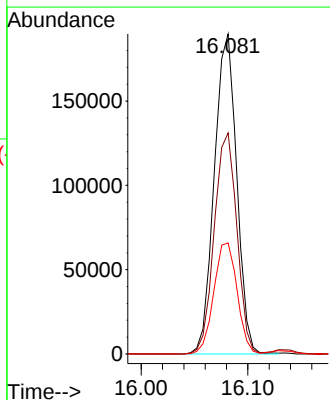
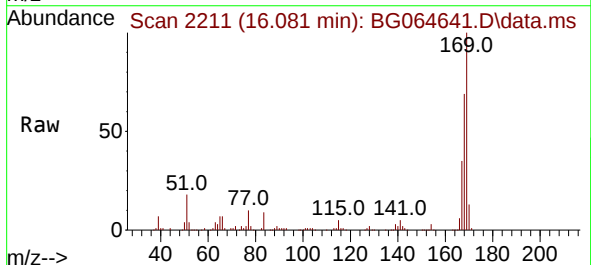
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#66
n-Nitrosodiphenylamine
Concen: 45.144 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:169 Resp: 276520
Ion Ratio Lower Upper
169 100
168 69.0 56.3 84.5
167 34.7 29.0 43.6





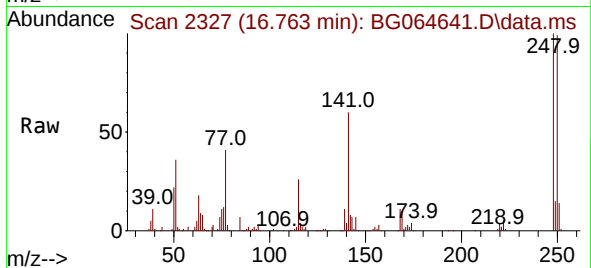
#67
4-Bromophenyl-phenylether
Concen: 43.919 ng
RT: 16.763 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:248 Resp: 118010
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 60.4 48.6 72.8

Manual Integrations

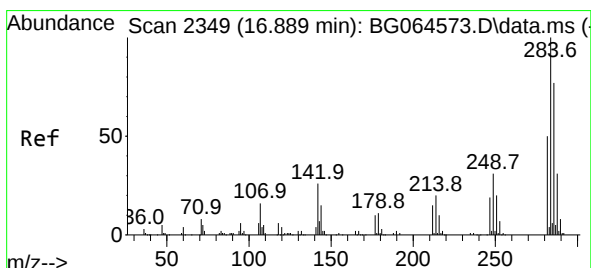
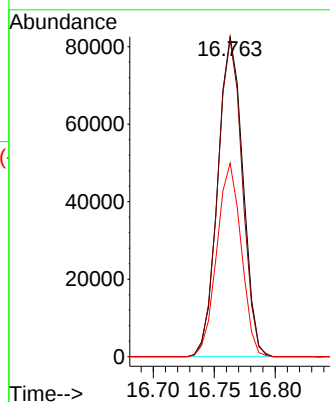
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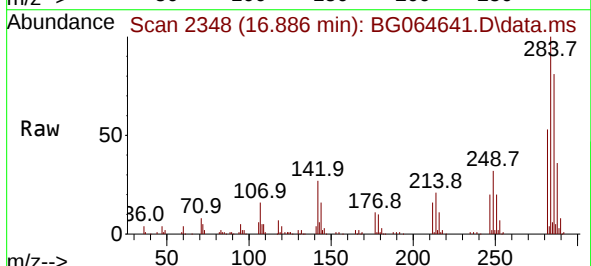
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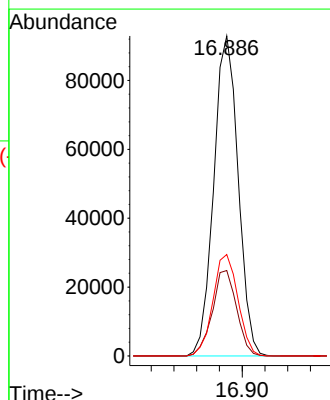
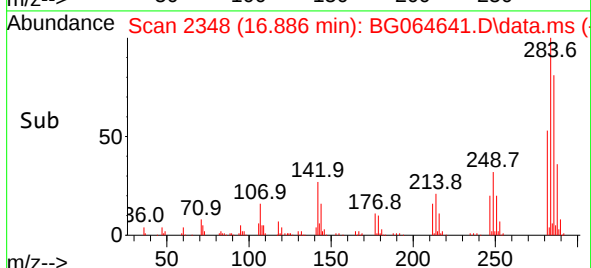
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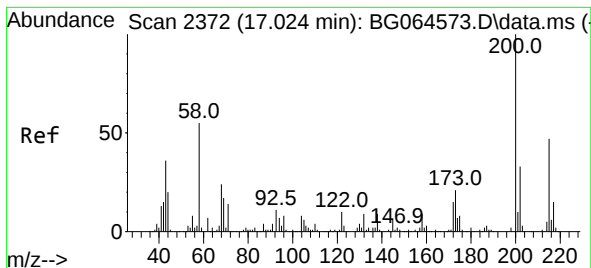


#68
Hexachlorobenzene
Concen: 45.156 ng
RT: 16.886 min Scan# 2348
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00



Tgt Ion:284 Resp: 138429
Ion Ratio Lower Upper
284 100
142 26.7 21.0 31.6
249 34.0 24.9 37.3





#69

Atrazine

Concen: 46.373 ng

RT: 17.022 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:200 Resp: 12223
 Ion Ratio Lower Upper
 200 100
 173 23.4 0.9 40.9
 215 52.5 27.0 67.0

Manual Integrations

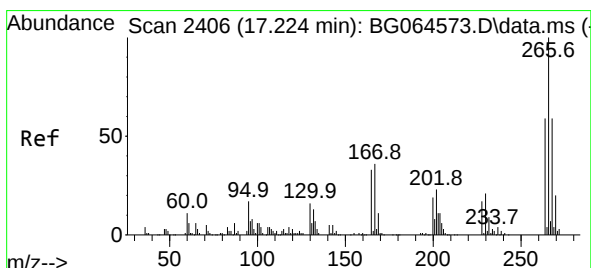
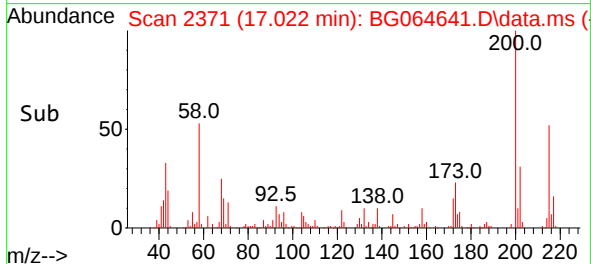
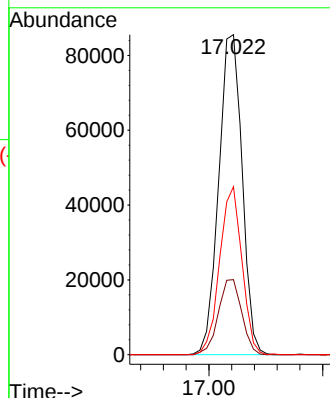
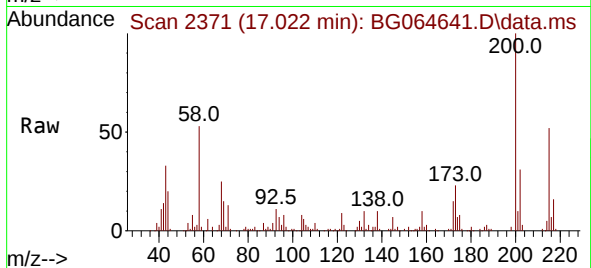
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#70

Pentachlorophenol

Concen: 101.526 ng

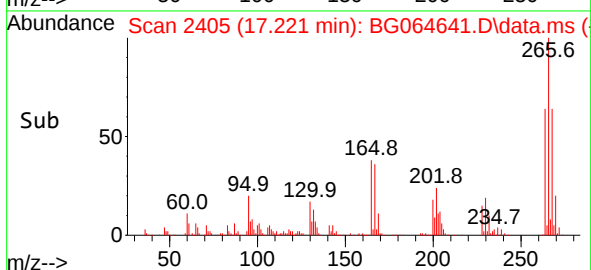
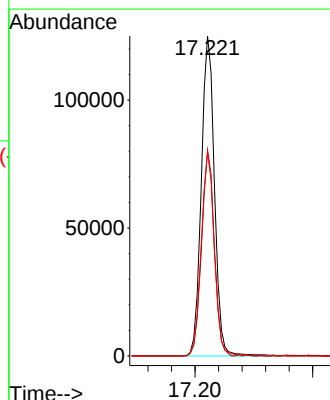
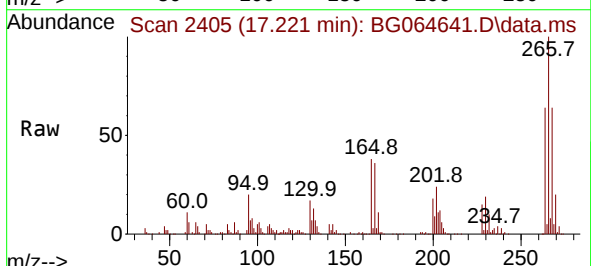
RT: 17.221 min Scan# 2405

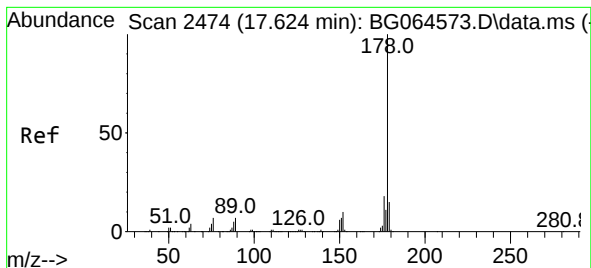
Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Tgt Ion:266 Resp: 194083
 Ion Ratio Lower Upper
 266 100
 268 68.9 50.3 75.5
 264 63.6 47.3 70.9





#71

Phenanthrene

Concen: 44.319 ng

RT: 17.621 min Scan# 2474

Delta R.T. -0.003 min

Lab File: BG064641.D

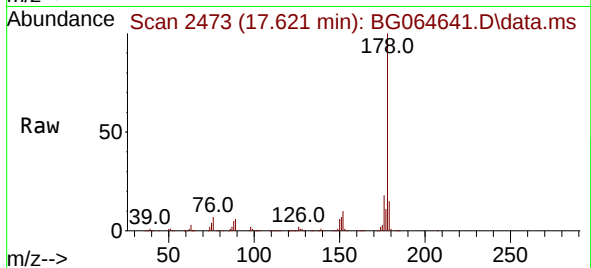
Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:178 Resp: 549570

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.3 12.2 18.4

Manual Integrations

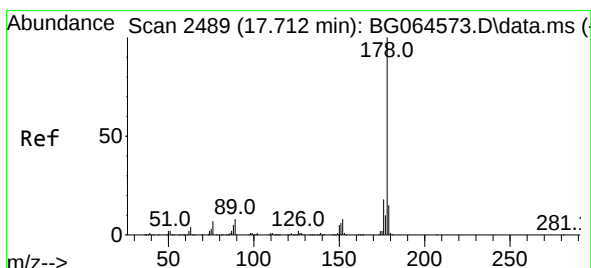
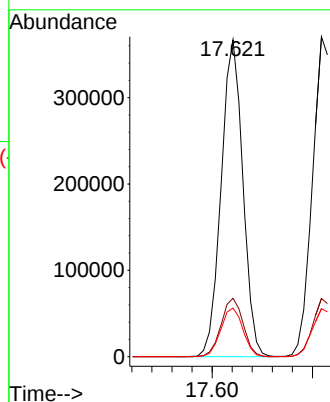
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#72

Anthracene

Concen: 44.503 ng

RT: 17.709 min Scan# 2488

Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

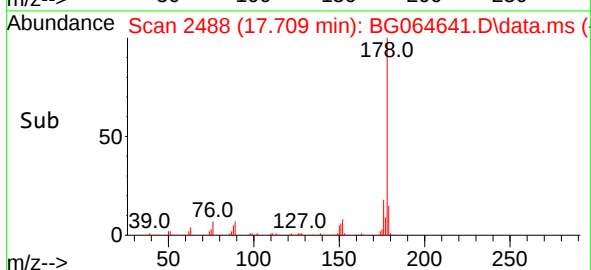
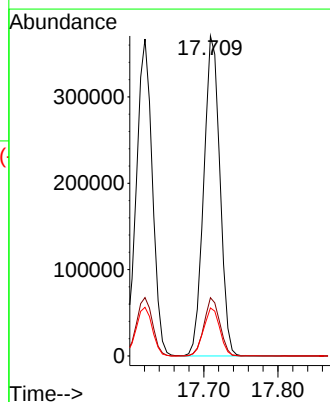
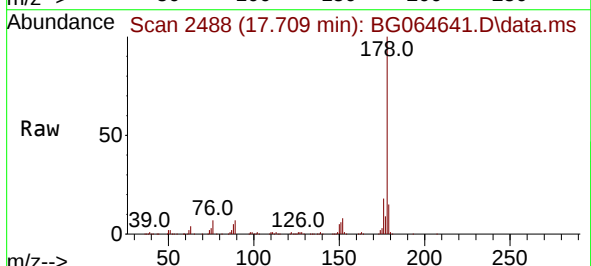
Tgt Ion:178 Resp: 561364

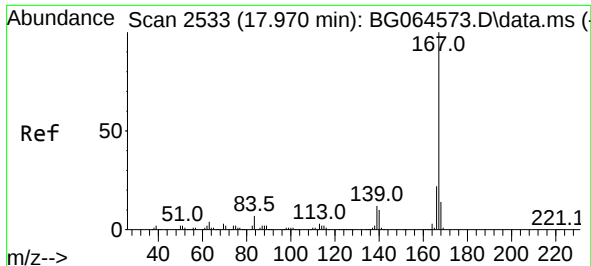
Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

179 15.0 12.4 18.6





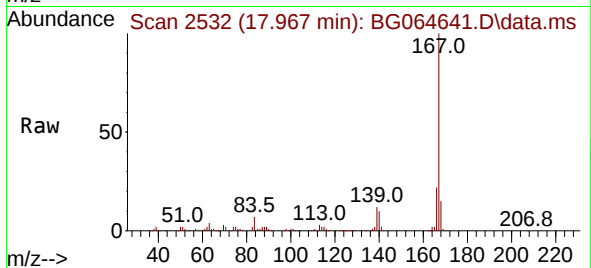
#73
 Carbazole
 Concen: 45.040 ng
 RT: 17.967 min Scan# 2533
 Delta R.T. -0.003 min
 Lab File: BG064641.D
 Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



Tgt Ion:167 Resp: 501000
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.2 9.7 14.5

Manual Integrations

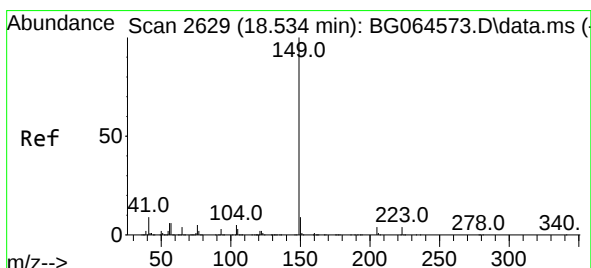
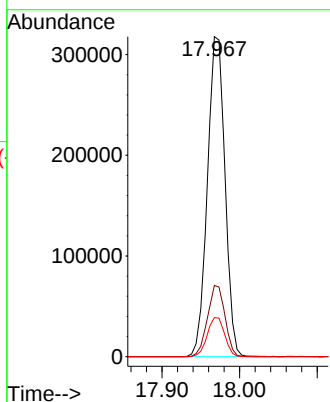
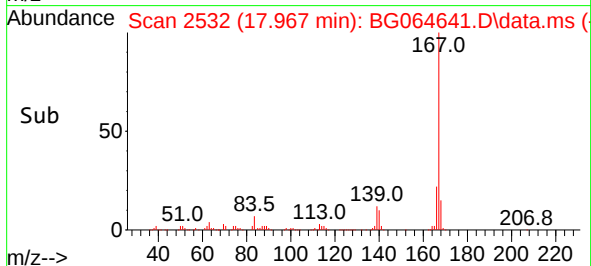
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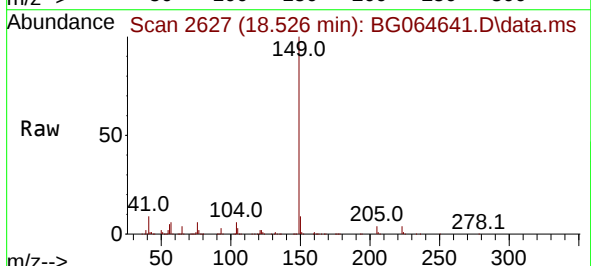
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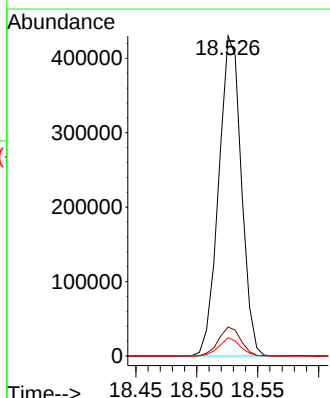
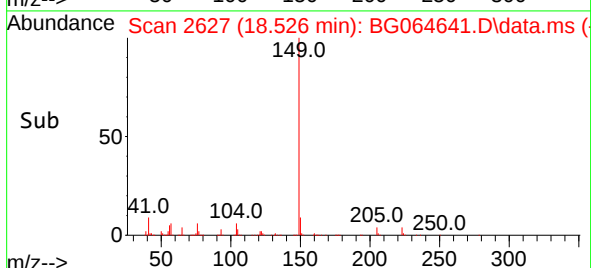
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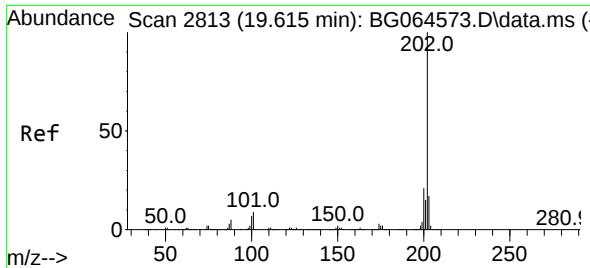


#74
 Di-n-butylphthalate
 Concen: 43.135 ng
 RT: 18.526 min Scan# 2627
 Delta R.T. -0.009 min
 Lab File: BG064641.D
 Acq: 30 Oct 2025 15:00



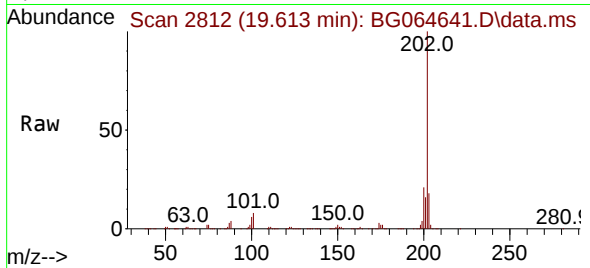
Tgt Ion:149 Resp: 554835
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.7 4.1 6.1





#75
Fluoranthene
Concen: 45.851 ng
RT: 19.613 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



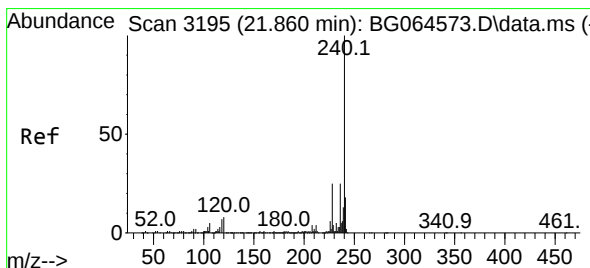
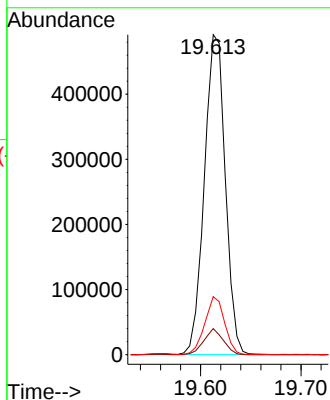
Tgt Ion:202 Resp: 71227
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 18.1 0.0 37.0

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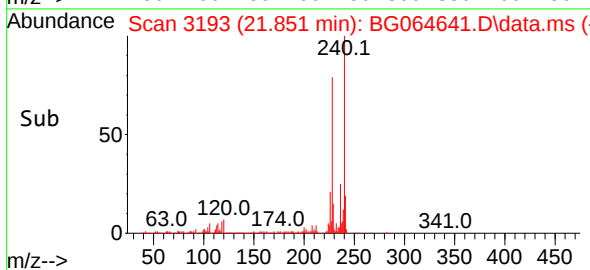
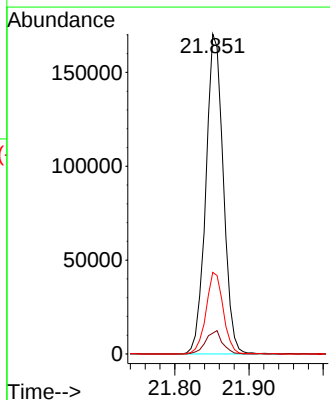
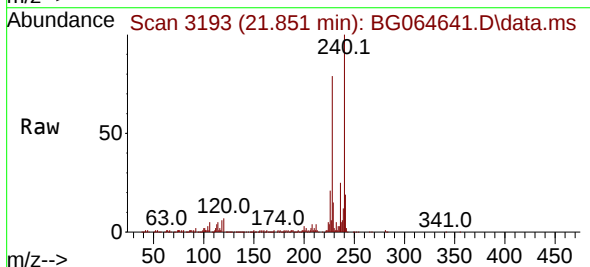
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ahmed

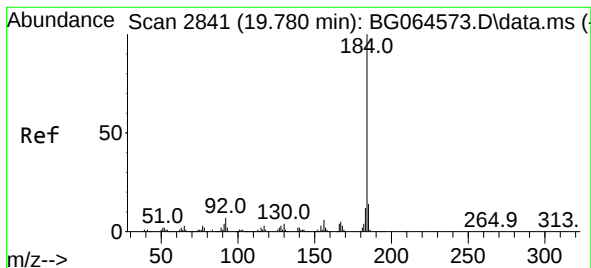
11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:240 Resp: 278173
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 25.5 20.2 30.2





#77

Benzidine

Concen: 35.015 ng

RT: 19.777 min Scan# 2841

Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:184	Resp: 218219
Ion Ratio	Lower Upper
184 100	
185 14.9	11.4 17.2
183 12.0	9.4 14.2

Manual Integrations

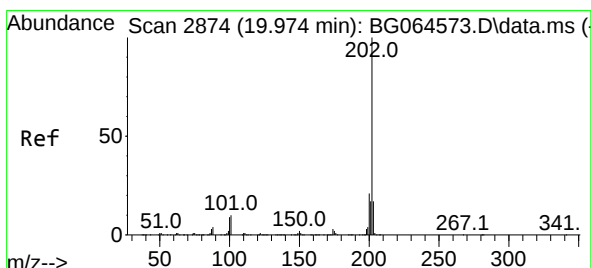
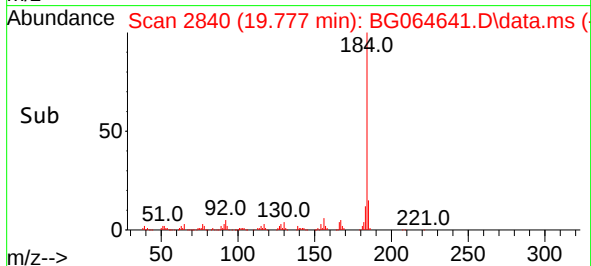
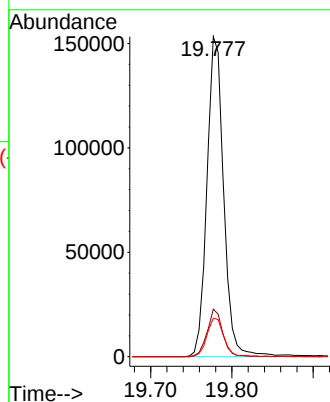
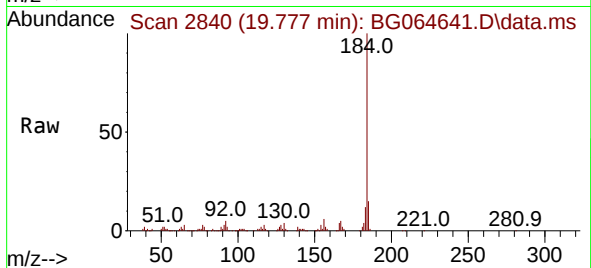
APPROVED

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



#78

Pyrene

Concen: 40.832 ng

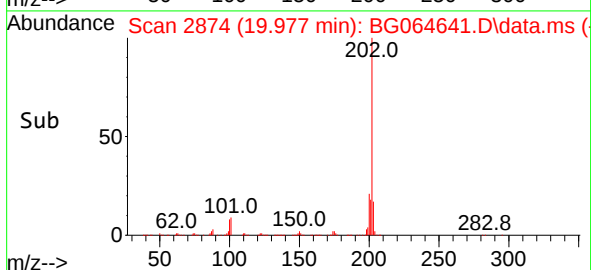
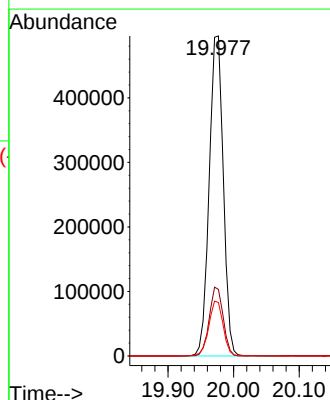
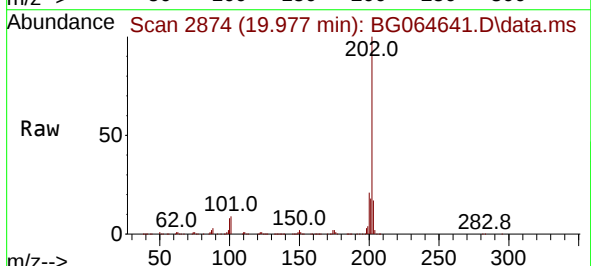
RT: 19.977 min Scan# 2874

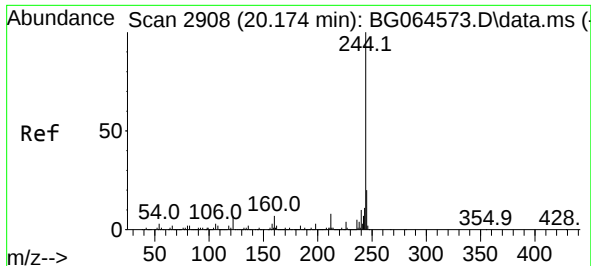
Delta R.T. 0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Tgt Ion:202	Resp: 742099		
Ion Ratio	Lower	Upper	
202 100			
200 20.8	17.0	25.4	
203 16.7	13.8	20.6	





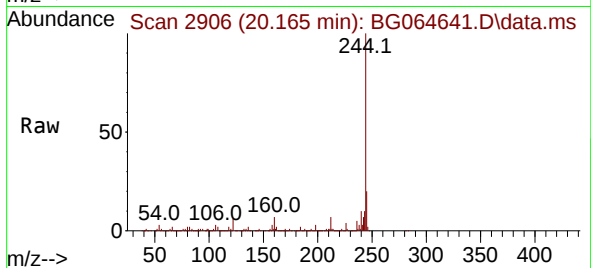
#79
 Terphenyl-d14
 Concen: 80.481 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.009 min
 Lab File: BG064641.D
 Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS



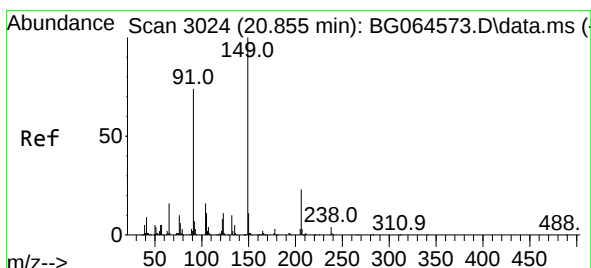
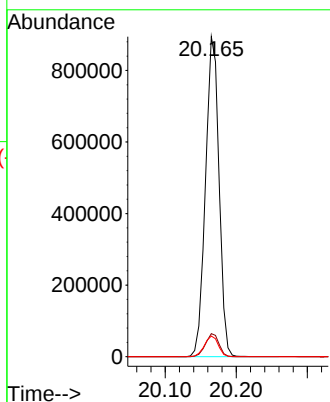
Tgt Ion:244 Resp: 118630
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.5 5.6 8.4

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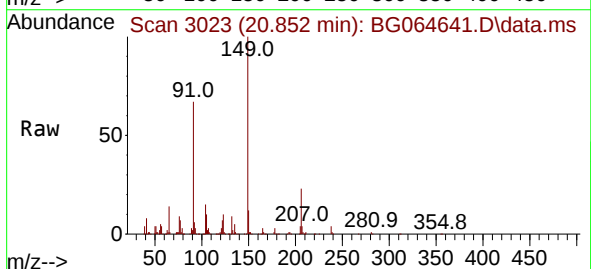
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

11/04/2025
 Supervised By :mohammad
 ahmed

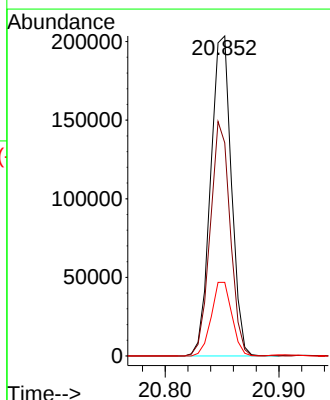
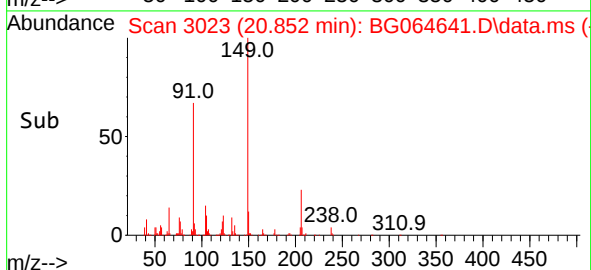
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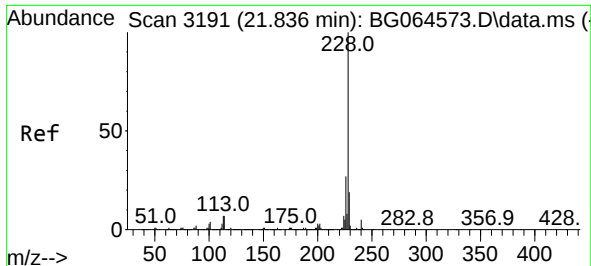


#80
 Butylbenzylphthalate
 Concen: 46.897 ng
 RT: 20.852 min Scan# 3023
 Delta R.T. -0.003 min
 Lab File: BG064641.D
 Acq: 30 Oct 2025 15:00



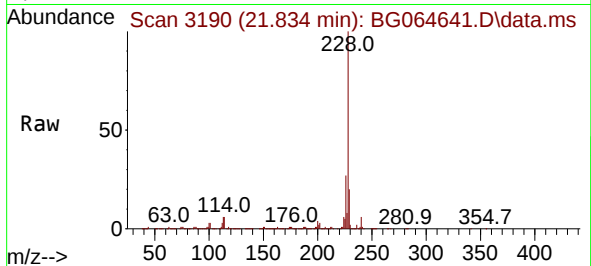
Tgt Ion:149 Resp: 257602
 Ion Ratio Lower Upper
 149 100
 91 66.6 59.2 88.8
 206 23.0 18.1 27.1





#81
Benzo(a)anthracene
Concen: 44.497 ng
RT: 21.834 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



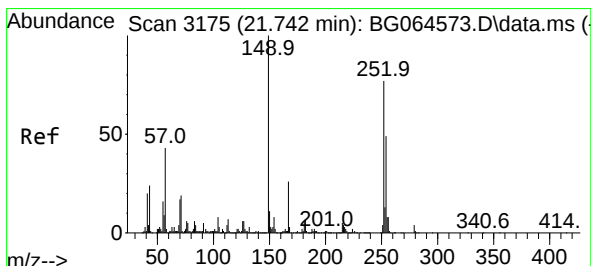
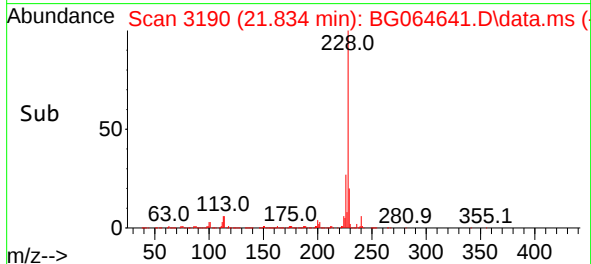
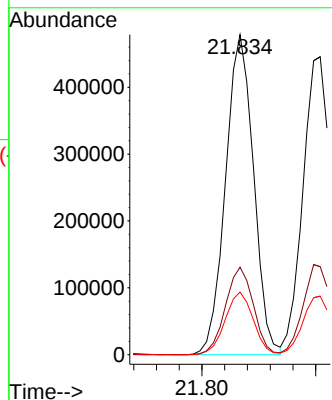
Tgt Ion:228 Resp: 820710
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 15.6 23.4

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

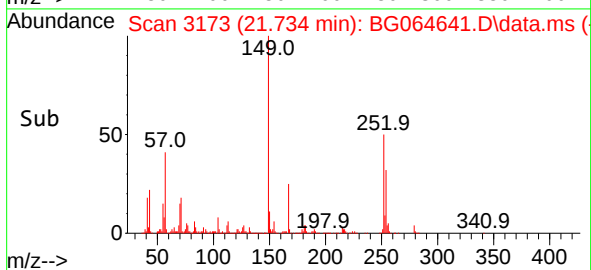
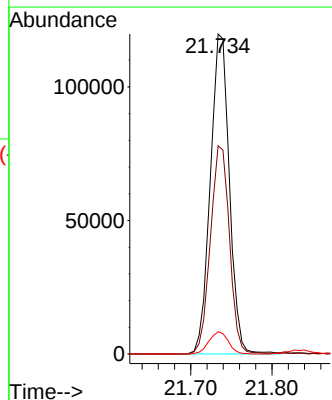
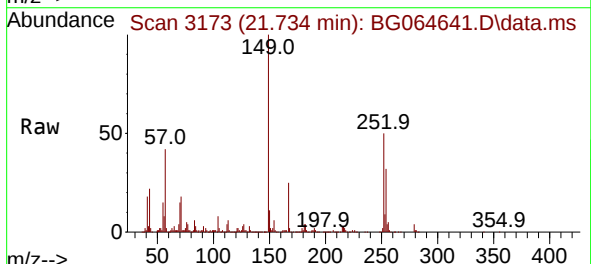
11/04/2025
Supervised By :mohammad
ahmed

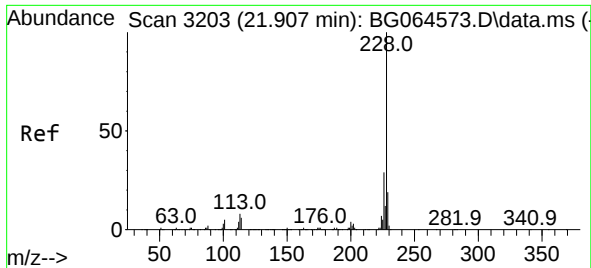
11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.667 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:252 Resp: 195042
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 6.9 5.8 8.6





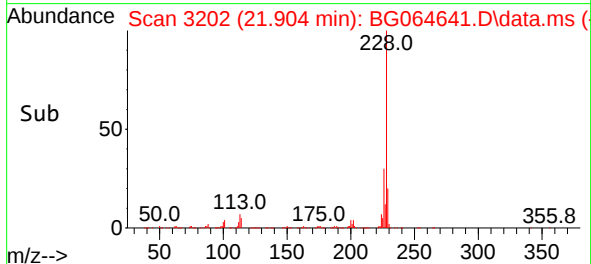
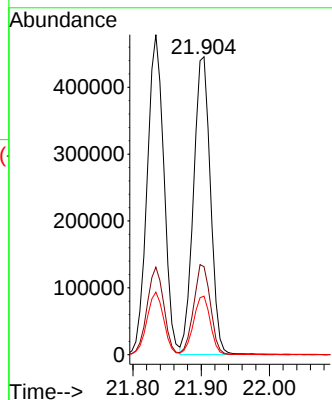
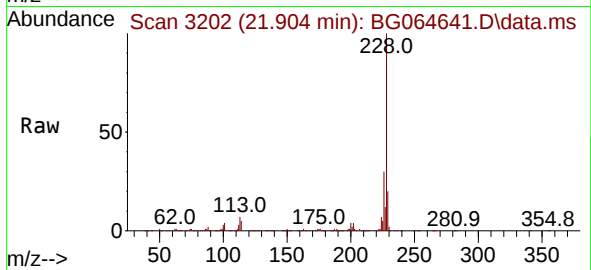
#83
Chrysene
Concen: 43.590 ng
RT: 21.904 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS

Tgt Ion:228 Resp: 76501
Ion Ratio Lower Upper
228 100
226 29.5 23.3 34.9
229 19.7 15.2 22.8

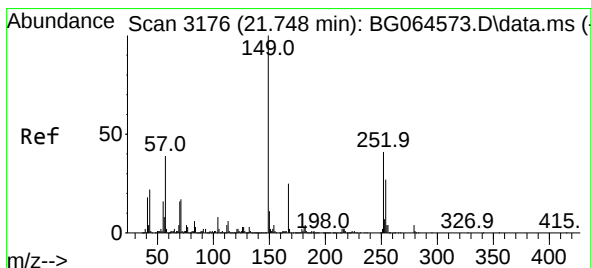
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



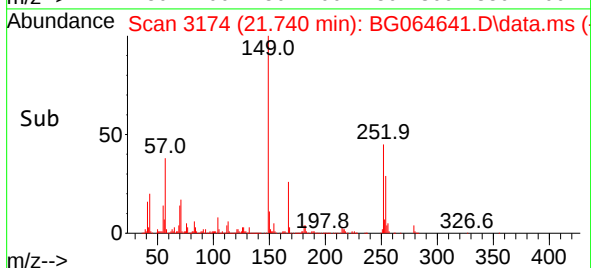
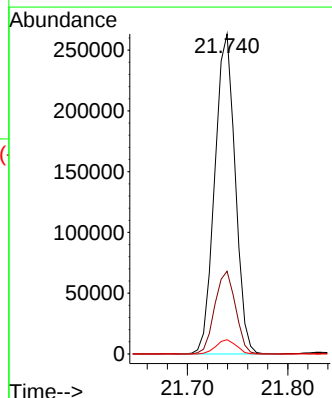
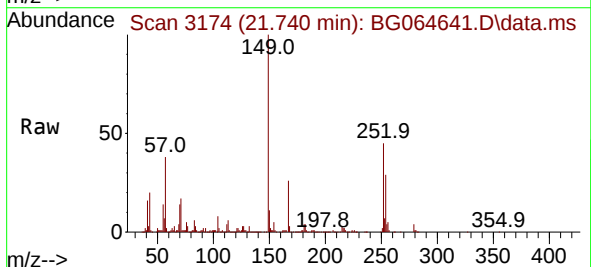
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Supervised By :mohammad
ahmed

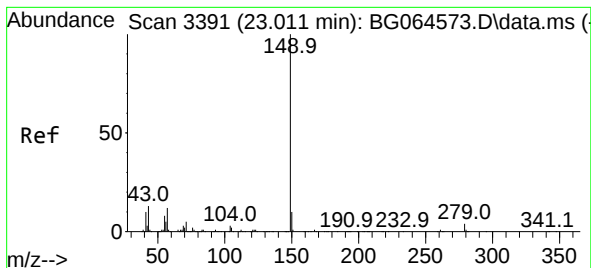
11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.257 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:149 Resp: 371463
Ion Ratio Lower Upper
149 100
167 25.9 20.0 30.0
279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.618 ng

RT: 22.997 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:149 Resp: 65894

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.8 10.8 16.2

Manual Integrations

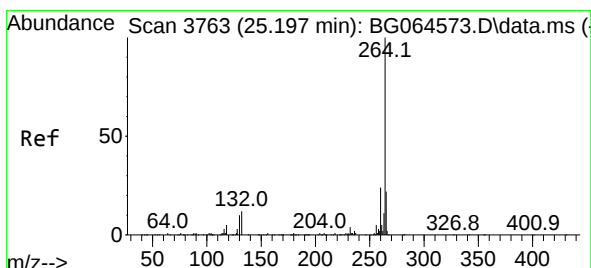
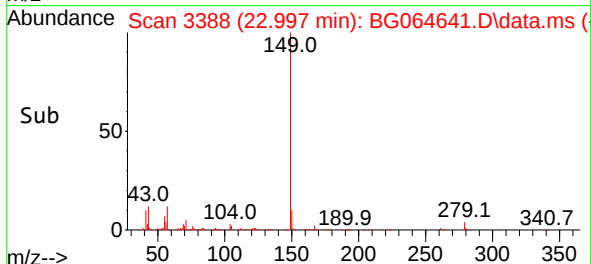
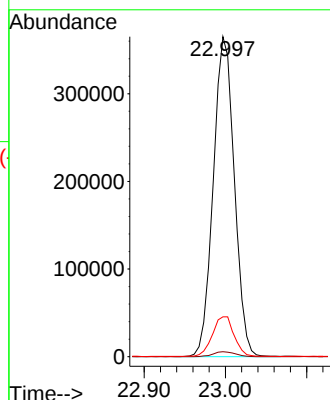
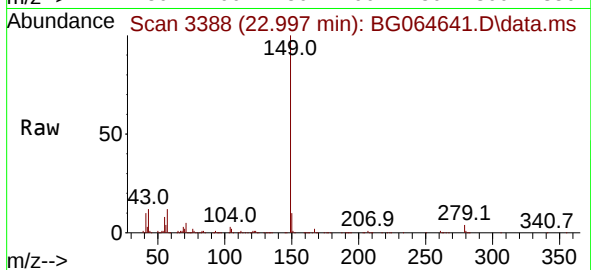
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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Supervised By :mohammad
ahmed

11/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.194 min Scan# 3762

Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

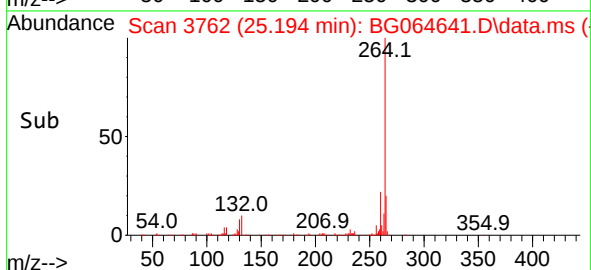
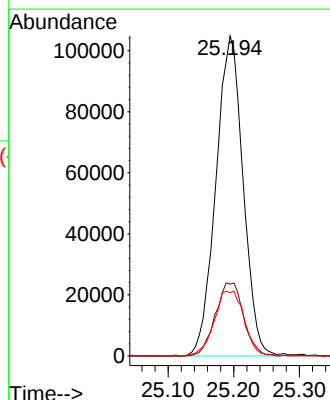
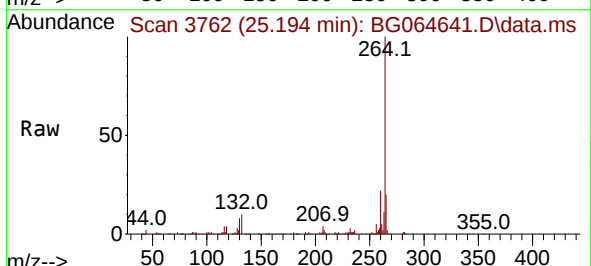
Tgt Ion:264 Resp: 301297

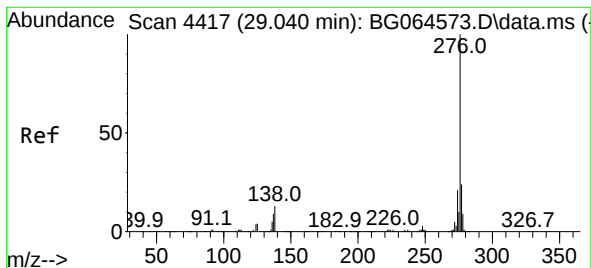
Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 19.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.985 ng

RT: 29.031 min Scan# 4417

Delta R.T. -0.009 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

Instrument :

BNA_G

ClientSampleId :

PB170306BS

Tgt Ion:276 Resp: 1019238

Ion Ratio Lower Upper

276 100

138 10.0 10.8 16.2

277 25.3 20.1 30.1

Manual Integrations

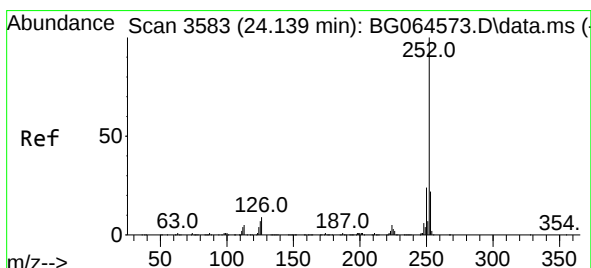
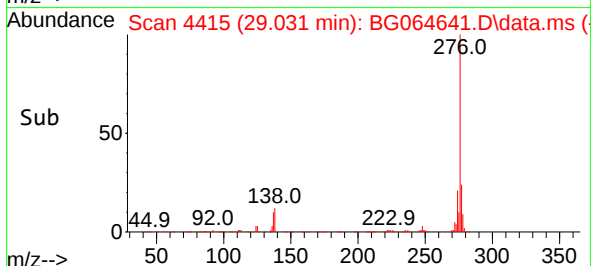
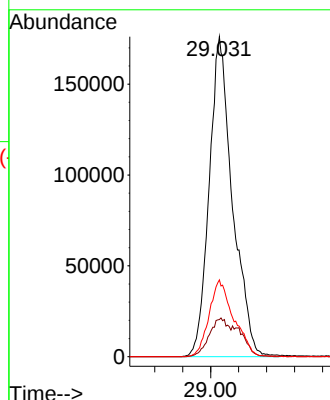
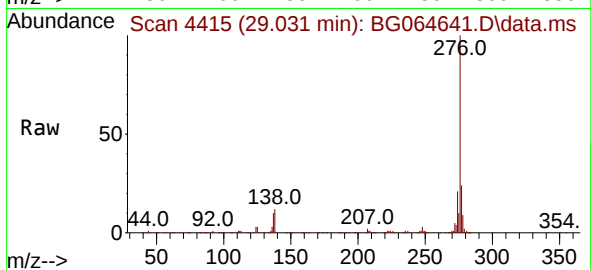
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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Supervised By :mohammad
ahmed

11/05/2025



#88

Benzo(b)fluoranthene

Concen: 45.459 ng

RT: 24.137 min Scan# 3582

Delta R.T. -0.003 min

Lab File: BG064641.D

Acq: 30 Oct 2025 15:00

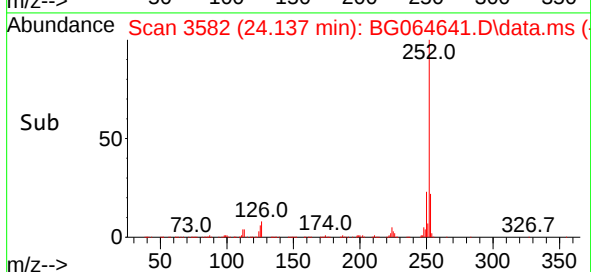
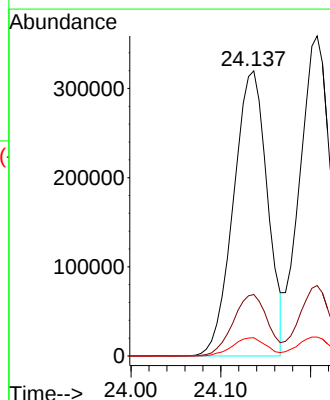
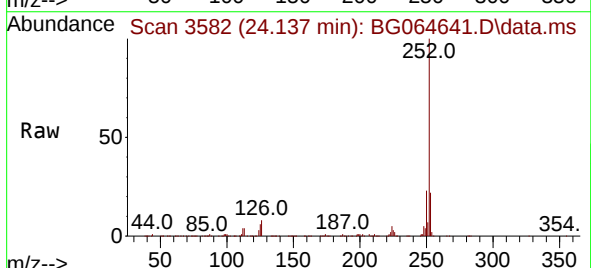
Tgt Ion:252 Resp: 839878

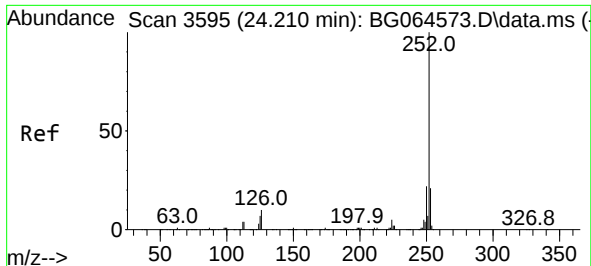
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

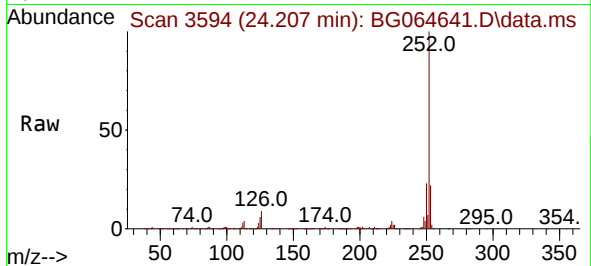
125 6.4 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 47.194 ng
RT: 24.207 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



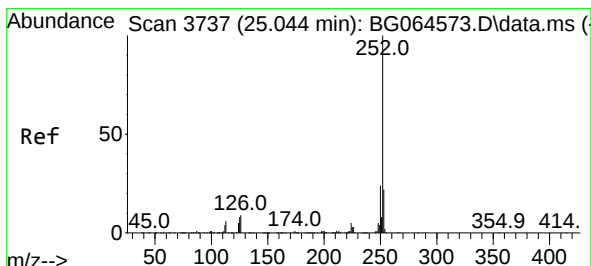
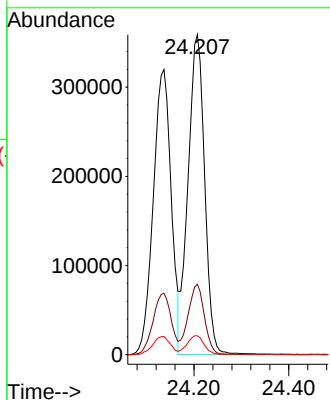
Tgt Ion:252 Resp: 872530
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 5.9 5.4 8.0

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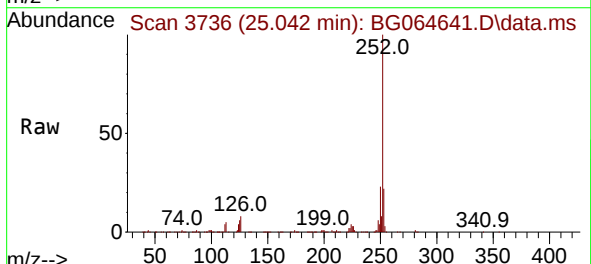
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

11/04/2025
Supervised By :mohammad
ahmed

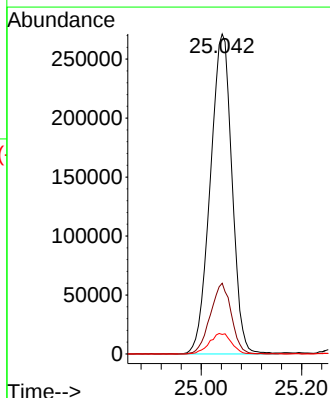
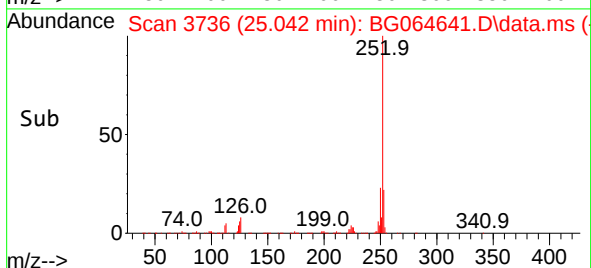
11/05/2025

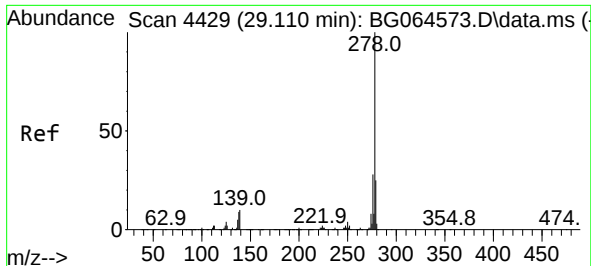


#90
Benzo(a)pyrene
Concen: 47.904 ng
RT: 25.042 min Scan# 3736
Delta R.T. -0.003 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00



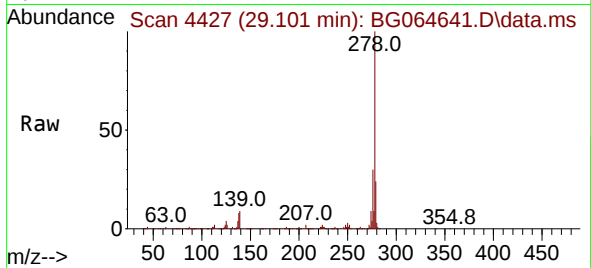
Tgt Ion:252 Resp: 813551
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 6.1 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 46.915 ng
RT: 29.101 min Scan# 4429
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Instrument :
BNA_G
ClientSampleId :
PB170306BS



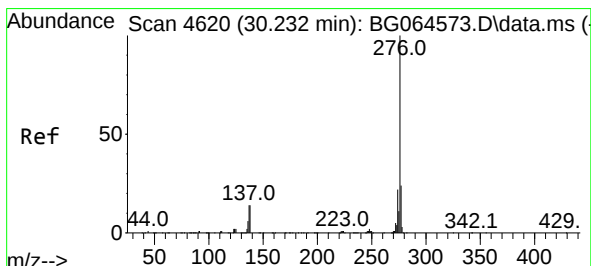
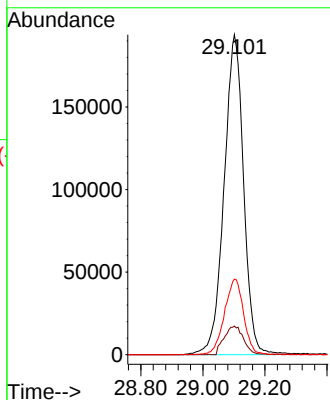
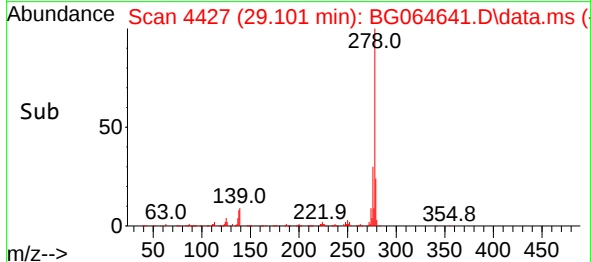
Tgt Ion:278 Resp: 84480
Ion Ratio Lower Upper
278 100
139 9.0 8.0 12.0
279 23.6 19.8 29.6

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

11/04/2025
Supervised By :mohammad
ahmed

11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 47.502 ng
RT: 30.224 min Scan# 4618
Delta R.T. -0.009 min
Lab File: BG064641.D
Acq: 30 Oct 2025 15:00

Tgt Ion:276 Resp: 817117
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 13.4 11.3 16.9

