

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064643.D
 Acq On : 30 Oct 2025 16:23
 Operator : RC/JU
 Sample : PB170323BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170323BS

Manual Integrations

APPROVED

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

Quant Time: Nov 04 04:33:34 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	8.217	152	24456	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	97688	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	78022	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	194663	20.000	ng	0.00
76) Chrysene-d12	21.854	240	231082	20.000	ng	0.00
86) Perylene-d12	25.197	264	254409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	221281	151.872	ng	0.00
7) Phenol-d6	7.354	99	312165	156.134	ng	0.00
23) Nitrobenzene-d5	9.381	82	196886	121.054	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	208631	185.270	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	528304	102.634	ng	0.00
79) Terphenyl-d14	20.168	244	1239141	101.196	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.582	88	28556	44.269	ng	99
3) Pyridine	3.987	79	81766	42.210	ng	98
4) n-Nitrosodimethylamine	3.899	42	57588	55.436	ng	96
6) Aniline	7.530	93	102371	37.629	ng	99
8) 2-Chlorophenol	7.777	128	90225	59.162	ng	97
9) Benzaldehyde	7.336	77	41697	38.201	ng	98
10) Phenol	7.383	94	123451	55.833	ng	96
11) bis(2-Chloroethyl)ether	7.624	93	81939	50.404	ng	94
12) 1,3-Dichlorobenzene	8.106	146	94369	53.763	ng	93
13) 1,4-Dichlorobenzene	8.253	146	96728	54.196	ng	98
14) 1,2-Dichlorobenzene	8.576	146	93892	54.541	ng	96
15) Benzyl Alcohol	8.447	79	94353	57.229	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.746	45	222135	52.093	ng	99
17) 2-Methylphenol	8.646	107	84224	57.372	ng	96
18) Hexachloroethane	9.322	117	35908	57.331	ng	90
19) n-Nitroso-di-n-propyla...	9.022	70	75079	54.336	ng	97
20) 3+4-Methylphenols	8.975	107	115127	55.764	ng	96
22) Acetophenone	9.040	105	162415	60.820	ng	# 98
24) Nitrobenzene	9.422	77	110949	62.718	ng	99
25) Isophorone	9.956	82	209673	53.725	ng	98
26) 2-Nitrophenol	10.145	139	49458	70.866	ng	92
27) 2,4-Dimethylphenol	10.192	122	95755	65.960	ng	94
28) bis(2-Chloroethoxy)met...	10.432	93	120586	54.267	ng	99
29) 2,4-Dichlorophenol	10.679	162	99716	63.826	ng	99
30) 1,2,4-Trichlorobenzene	10.902	180	107052	60.308	ng	98
31) Naphthalene	11.096	128	295578	54.573	ng	99
32) Benzoic acid	10.321	122	74570	64.328	ng	93
33) 4-Chloroaniline	11.184	127	48307	22.947	ng	98
34) Hexachlorobutadiene	11.384	225	80655	58.100	ng	97
35) Caprolactam	11.948	113	33104m	55.246	ng	
36) 4-Chloro-3-methylphenol	12.295	107	114270	60.849	ng	95
37) 2-Methylnaphthalene	12.689	142	203465	51.167	ng	99
38) 1-Methylnaphthalene	12.906	142	214041	54.373	ng	97
40) 1,2,4,5-Tetrachloroben...	13.047	216	165526	63.215	ng	99
41) Hexachlorocyclopentadiene	13.035	237	215989	183.260	ng	98
43) 2,4,6-Trichlorophenol	13.276	196	100932	67.387	ng	97

11/04/2025

Supervised By :mohammad
ahmed

11/05/2025

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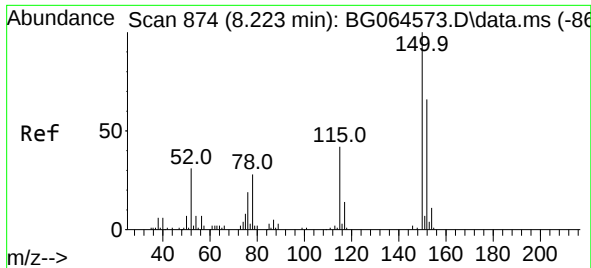
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	13.347	196	109580	63.398	ng	96	11/04/2025
46) 1,1'-Biphenyl	13.682	154	343481	61.924	ng	96	Supervised By :mohammad
47) 2-Chloronaphthalene	13.723	162	233653	55.806	ng	98	ahmed
48) 2-Nitroaniline	13.911	65	93518	65.288	ng	90	
49) Acenaphthylene	14.569	152	427388	64.715	ng	99	
50) Dimethylphthalate	14.287	163	342831	57.423	ng	99	
51) 2,6-Dinitrotoluene	14.398	165	68684	68.278	ng	99	11/05/2025
52) Acenaphthene	14.904	154	288780	64.002	ng	99	
53) 3-Nitroaniline	14.727	138	43405	42.304	ng	# 92	
54) 2,4-Dinitrophenol	14.927	184	89494	143.311	ng	# 46	
55) Dibenzofuran	15.239	168	411098	56.356	ng	98	
56) 4-Nitrophenol	15.021	139	128722	135.317	ng	95	
57) 2,4-Dinitrotoluene	15.180	165	102003	65.765	ng	99	
58) Fluorene	15.885	166	325242	57.092	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.456	232	114673	69.380	ng	99	
60) Diethylphthalate	15.644	149	339987	55.773	ng	99	
61) 4-Chlorophenyl-phenyle...	15.873	204	183472	57.388	ng	98	
62) 4-Nitroaniline	15.885	138	75171	65.855	ng	94	
63) Azobenzene	16.167	77	310937	55.592	ng	97	
65) 4,6-Dinitro-2-methylph...	15.944	198	65622	73.375	ng	93	
66) n-Nitrosodiphenylamine	16.079	169	302422	57.513	ng	97	
67) 4-Bromophenyl-phenylether	16.766	248	133628	57.927	ng	95	
68) Hexachlorobenzene	16.890	284	155583	59.118	ng	97	
69) Atrazine	17.019	200	136961	60.525	ng	96	
70) Pentachlorophenol	17.224	266	208579	127.097	ng	95	
71) Phenanthrene	17.624	178	597420	56.120	ng	99	
72) Anthracene	17.712	178	612114	56.526	ng	99	
73) Carbazole	17.971	167	543549	56.922	ng	99	
74) Di-n-butylphthalate	18.529	149	605926	54.873	ng	99	
75) Fluoranthene	19.616	202	771273	57.835	ng	99	
77) Benzidine	19.780	184	219280	42.355	ng	99	
78) Pyrene	19.974	202	794371	52.615	ng	100	
80) Butylbenzylphthalate	20.850	149	276421	60.578	ng	98	
81) Benzo(a)anthracene	21.837	228	876217	57.187	ng	99	
82) 3,3'-Dichlorobenzidine	21.737	252	179691	35.120	ng	100	
83) Chrysene	21.901	228	813693	55.812	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.743	149	399553	58.600	ng	# 98	
85) Di-n-octyl phthalate	23.000	149	707668	61.560	ng	98	
87) Indeno(1,2,3-cd)pyrene	29.034	276	1085740	58.014	ng	# 97	
88) Benzo(b)fluoranthene	24.140	252	887458	56.887	ng	99	
89) Benzo(k)fluoranthene	24.210	252	909914	58.287	ng	98	
90) Benzo(a)pyrene	25.045	252	865478	60.354	ng	99	
91) Dibenzo(a,h)anthracene	29.099	278	896298	58.949	ng	96	
92) Benzo(g,h,i)perylene	30.233	276	861867	59.338	ng	99	

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



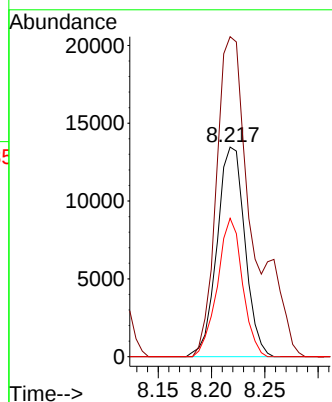
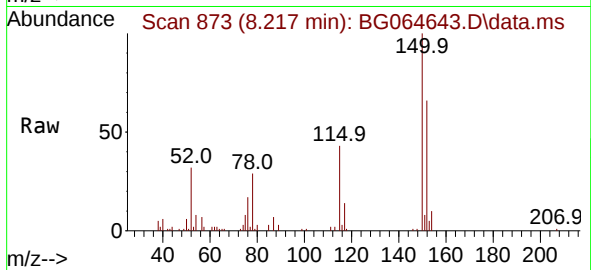
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion:152 Resp: 24450
Ion Ratio Lower Upper
152 100
150 152.6 122.2 183.4
115 66.0 50.8 76.2

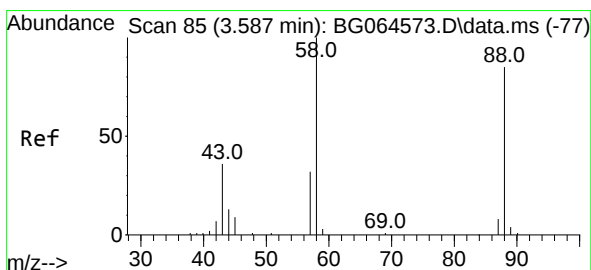
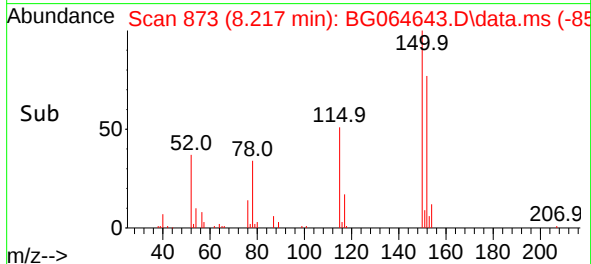
Manual Integrations
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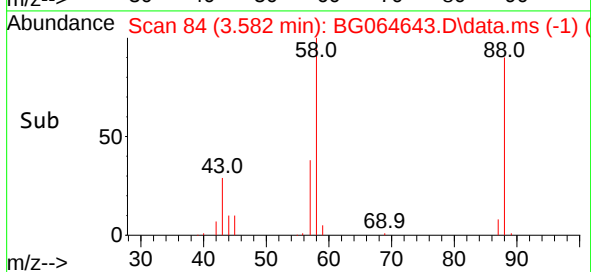
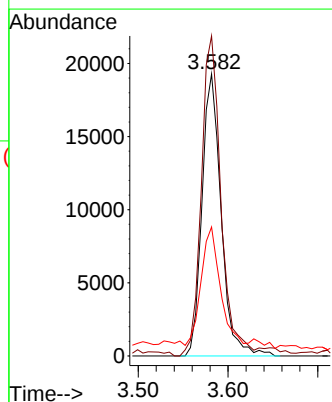
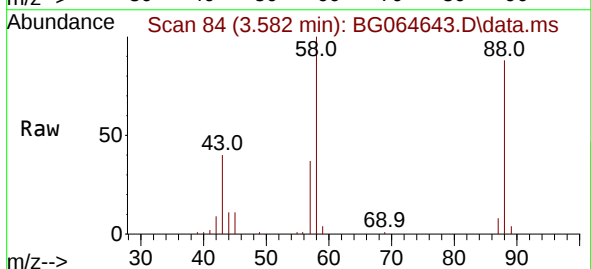
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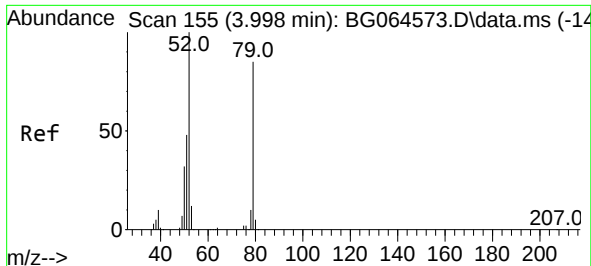
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#2
1,4-Dioxane
Concen: 44.269 ng
RT: 3.582 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion: 88 Resp: 28556
Ion Ratio Lower Upper
88 100
58 117.1 92.4 138.6
43 41.8 33.0 49.6





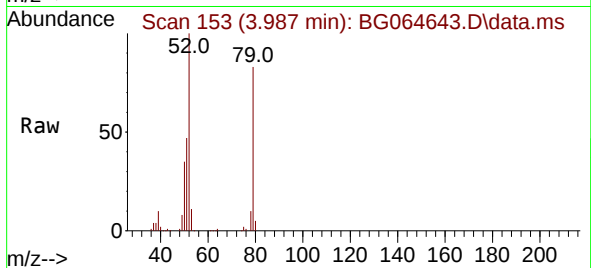
#3
Pyridine
Concen: 42.210 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

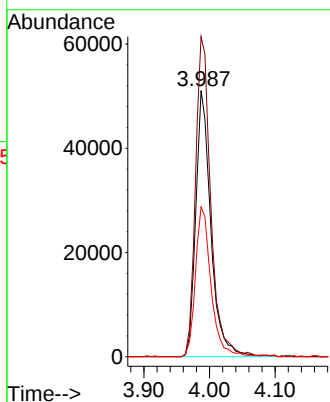
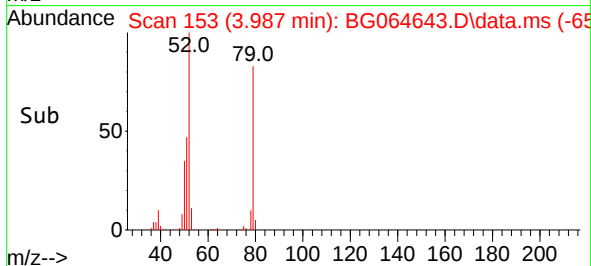
PB170323BS



Tgt Ion: 79 Resp: 81760
Ion Ratio Lower Upper
79 100
52 120.2 94.2 141.2
51 56.3 46.1 69.1

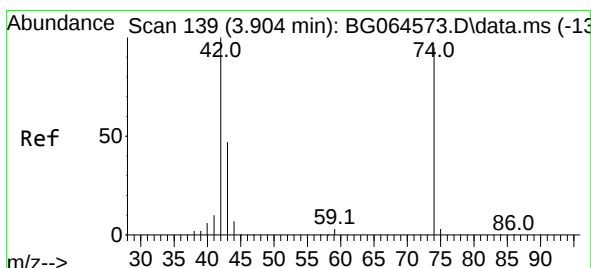
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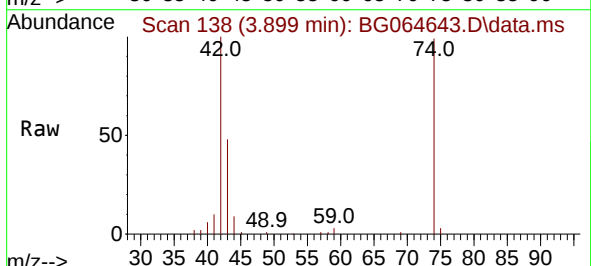


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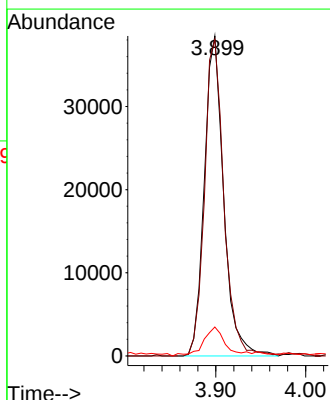
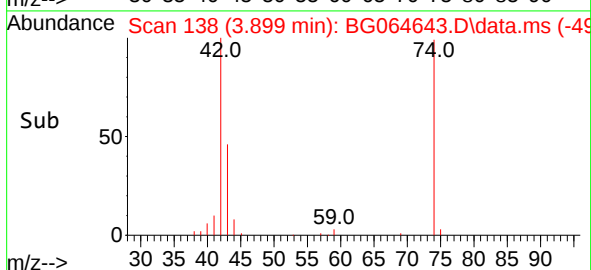
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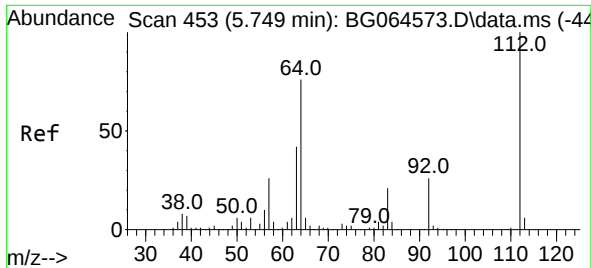


#4
n-Nitrosodimethylamine
Concen: 55.436 ng
RT: 3.899 min Scan# 138
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion: 42 Resp: 57588
Ion Ratio Lower Upper
42 100
74 98.9 76.1 114.1
44 9.1 6.3 9.5





#5
2-Fluorophenol
Concen: 151.872 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

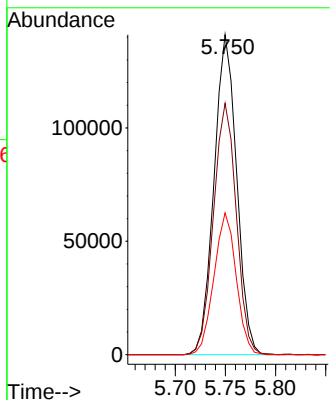
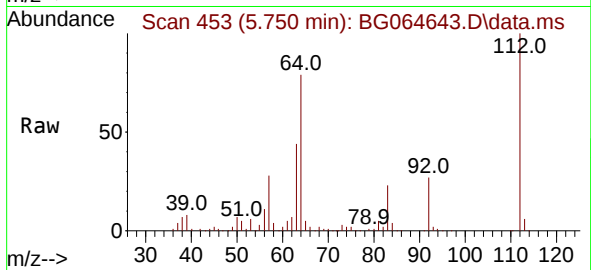
ClientSampleId :

PB170323BS

Tgt Ion:112 Resp: 22128
Ion Ratio Lower Upper
112 100
64 78.6 60.7 91.1
63 44.3 33.4 50.0

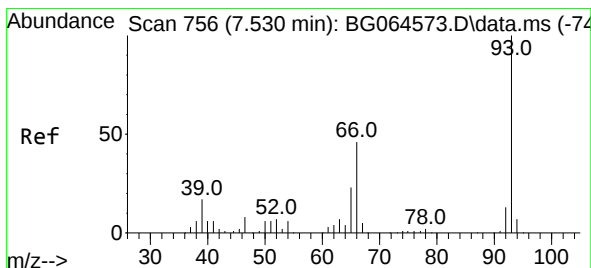
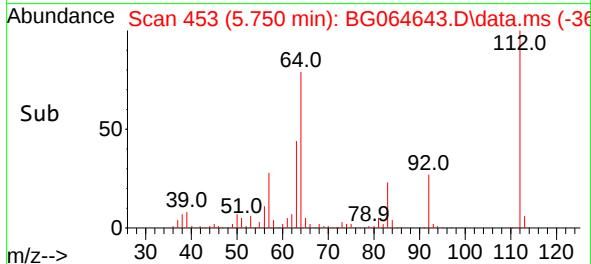
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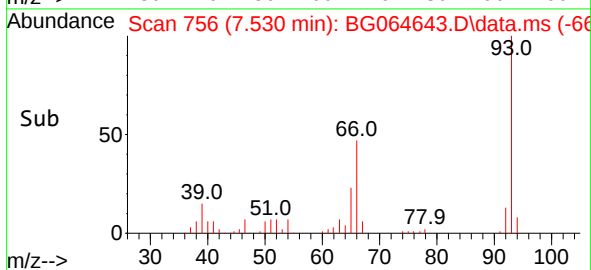
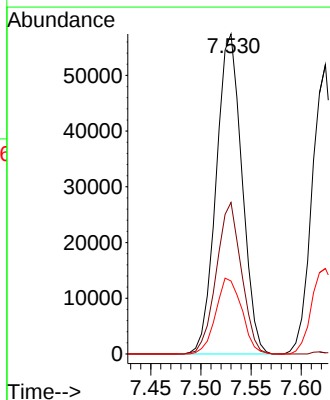
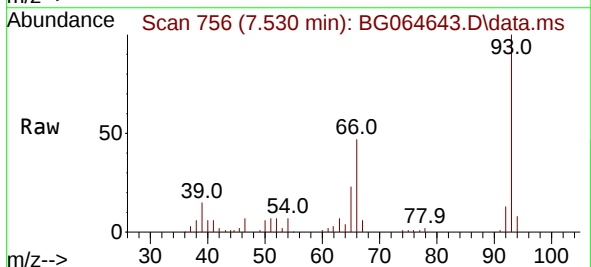
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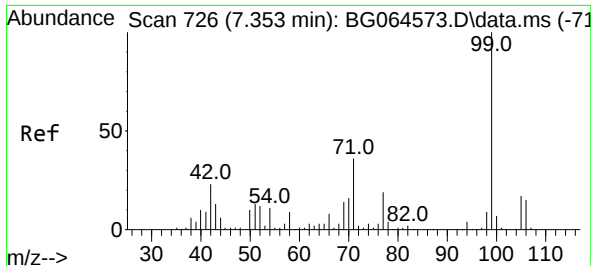
11/05/2025



#6
Aniline
Concen: 37.629 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064643.D
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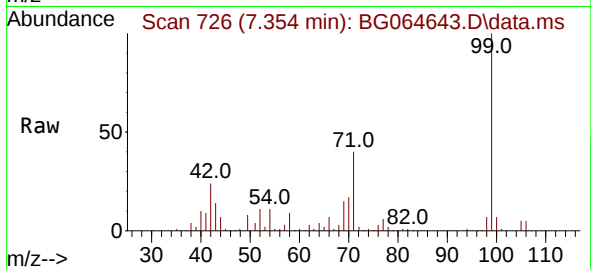
Tgt Ion: 93 Resp: 102371
Ion Ratio Lower Upper
93 100
66 47.3 37.0 55.6
65 22.8 18.3 27.5





#7
Phenol-d6
Concen: 156.134 ng
RT: 7.354 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

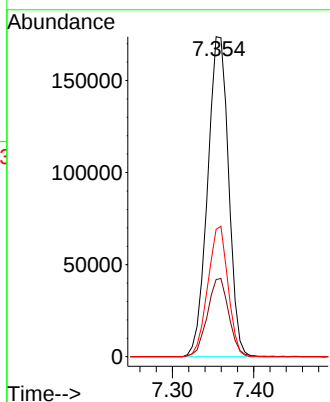
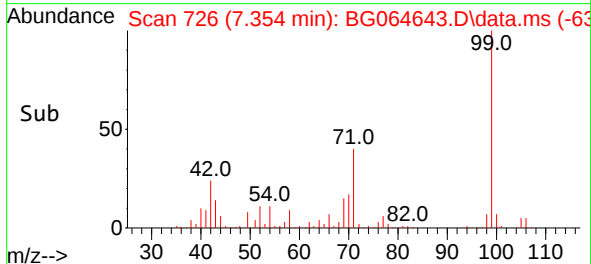
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion: 99 Resp: 31216
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 39.8 28.6 43.0

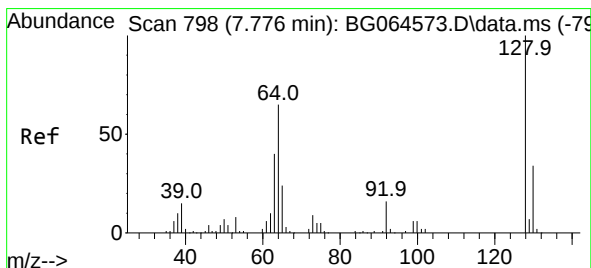
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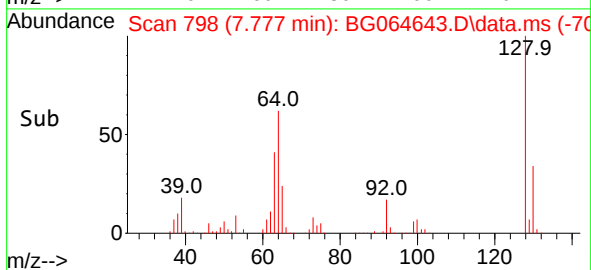
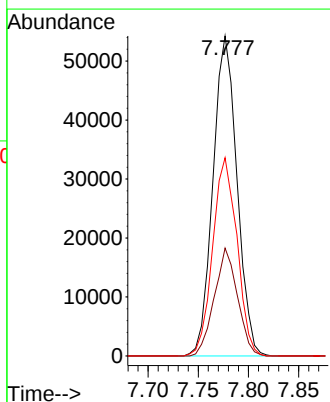
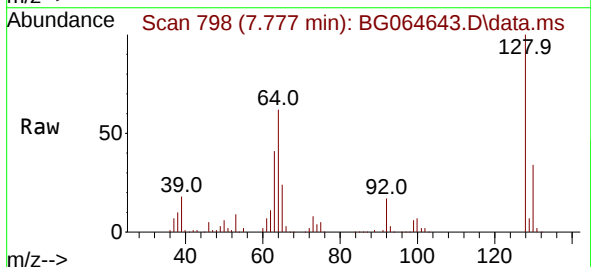
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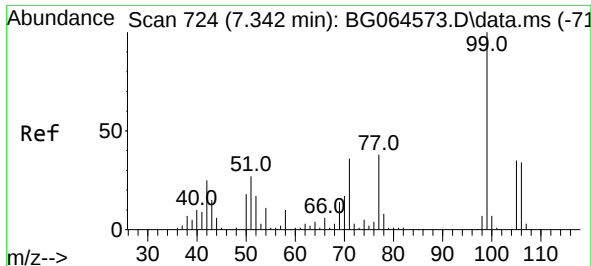
11/05/2025



#8
2-Chlorophenol
Concen: 59.162 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:128 Resp: 90225
Ion Ratio Lower Upper
128 100
130 33.7 13.5 53.5
64 61.9 45.2 85.2





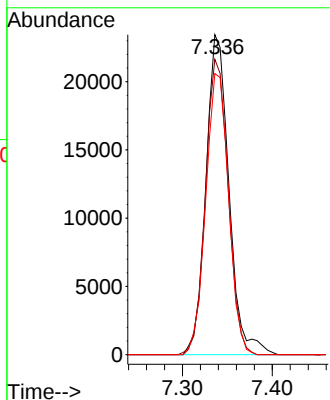
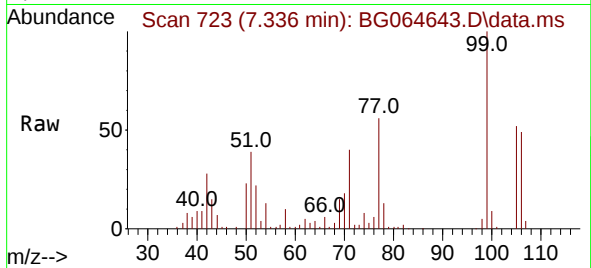
#9
Benzaldehyde
Concen: 38.201 ng
RT: 7.336 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion: 77 Resp: 4169
Ion Ratio Lower Upper
77 100
105 92.3 72.9 112.9
106 87.8 70.8 110.8

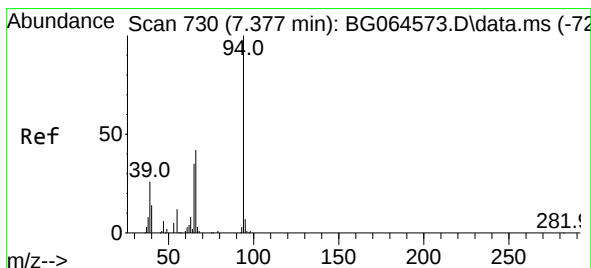
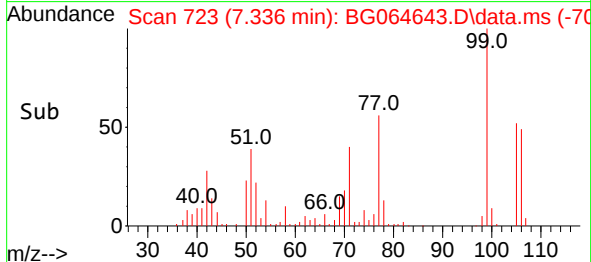
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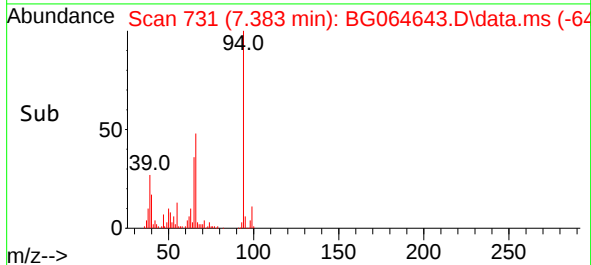
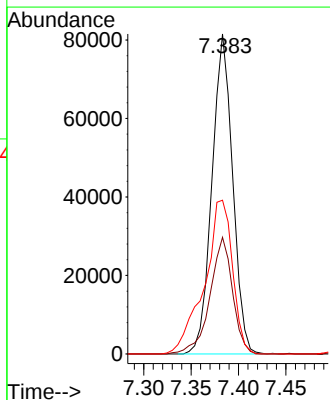
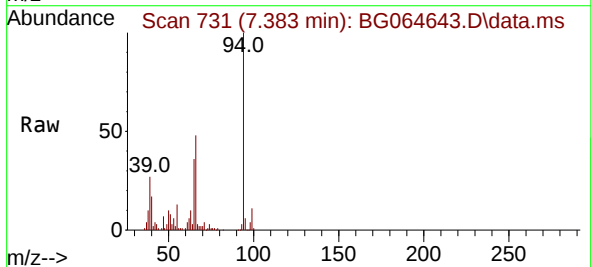
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ahmed

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#10
Phenol
Concen: 55.833 ng
RT: 7.383 min Scan# 731
Delta R.T. 0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion: 94 Resp: 123451
Ion Ratio Lower Upper
94 100
65 36.5 15.8 55.8
66 48.1 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 50.404 ng
RT: 7.624 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

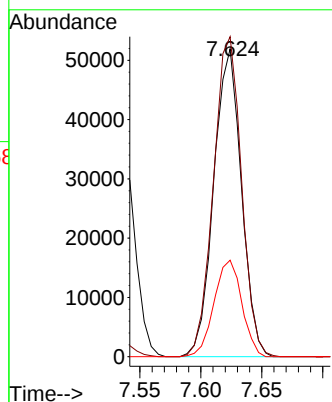
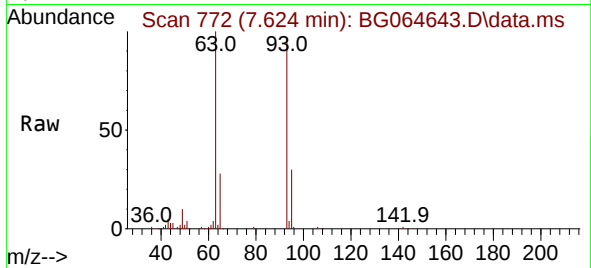
ClientSampleId :

PB170323BS

Tgt Ion: 93 Resp: 81939
Ion Ratio Lower Upper
93 100
63 104.0 91.3 131.3
95 31.3 13.3 53.3

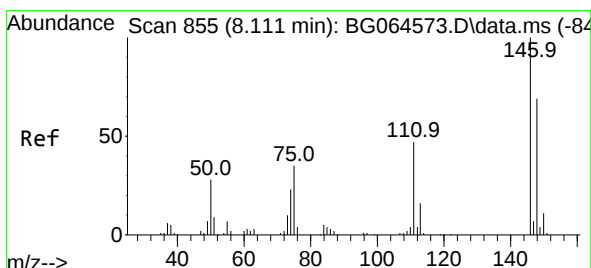
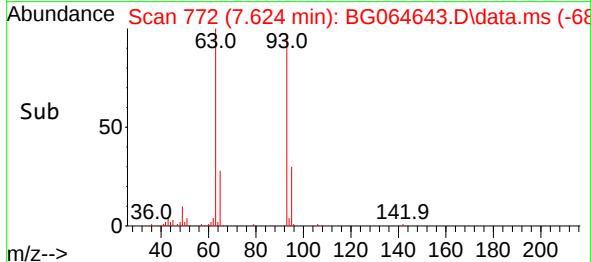
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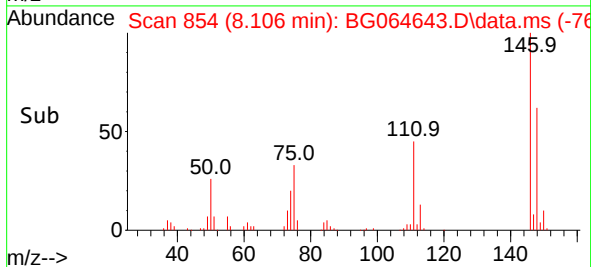
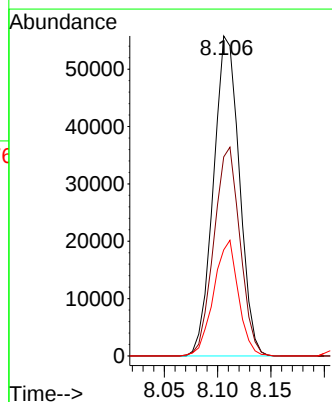
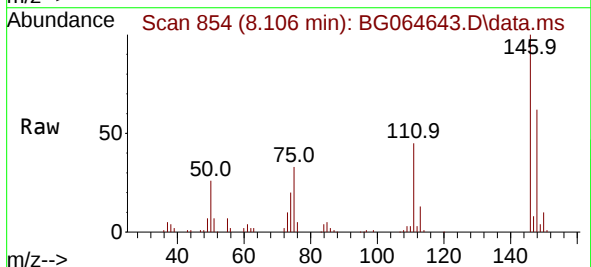
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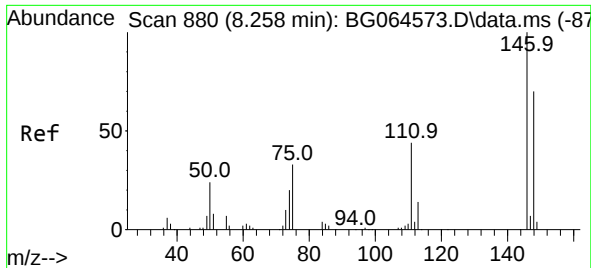
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#12
1,3-Dichlorobenzene
Concen: 53.763 ng
RT: 8.106 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:146 Resp: 94369
Ion Ratio Lower Upper
146 100
148 62.2 55.3 82.9
75 33.2 28.2 42.2





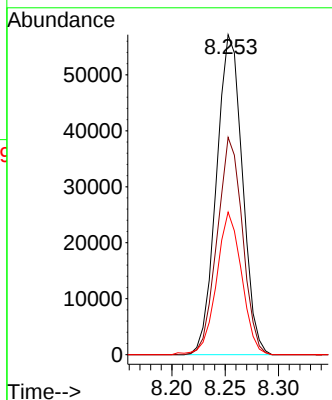
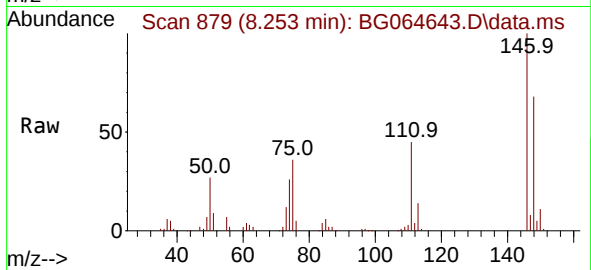
#13
1,4-Dichlorobenzene
Concen: 54.196 ng
RT: 8.253 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion:146 Resp: 96728
Ion Ratio Lower Upper
146 100
148 67.9 56.2 84.4
111 44.5 35.4 53.0

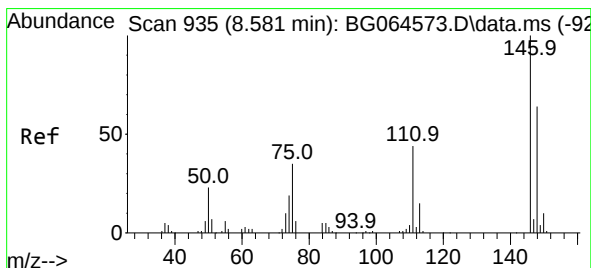
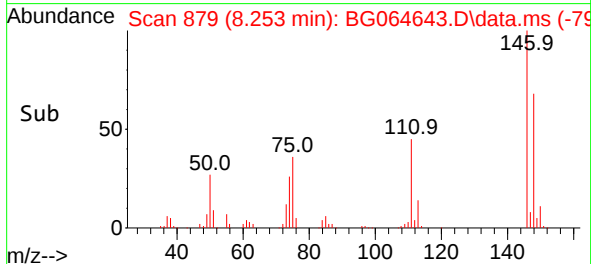
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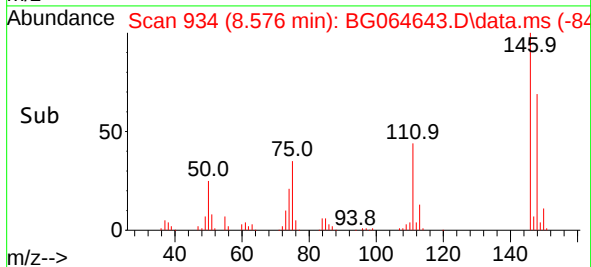
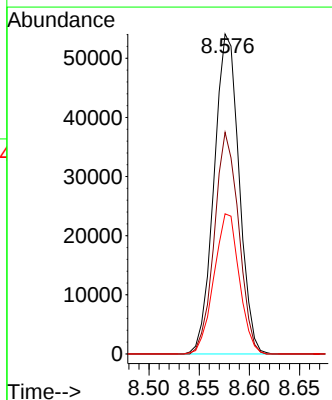
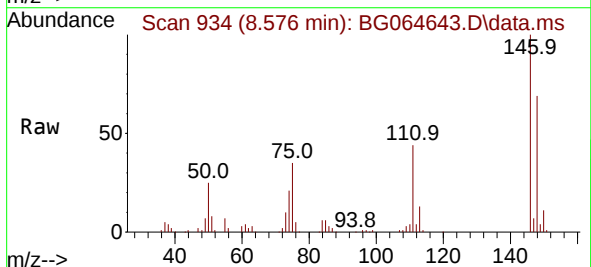
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#14
1,2-Dichlorobenzene
Concen: 54.541 ng
RT: 8.576 min Scan# 934
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

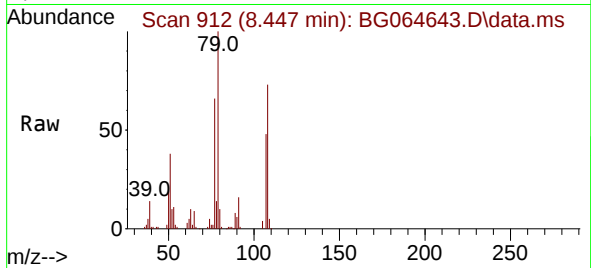
Tgt Ion:146 Resp: 93892
Ion Ratio Lower Upper
146 100
148 69.2 51.5 77.3
111 43.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 57.229 ng
RT: 8.447 min Scan# 912
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

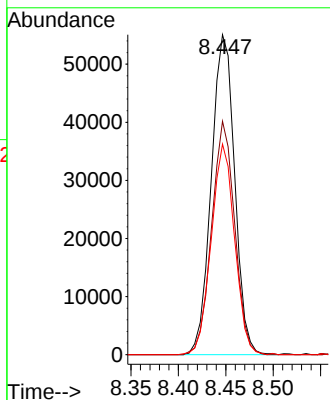
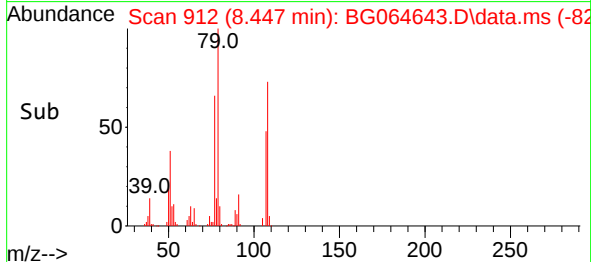
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion: 79 Resp: 9435
Ion Ratio Lower Upper
79 100
108 73.0 58.1 87.1
77 65.8 52.8 79.2

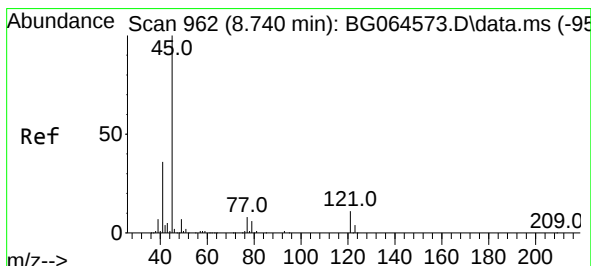
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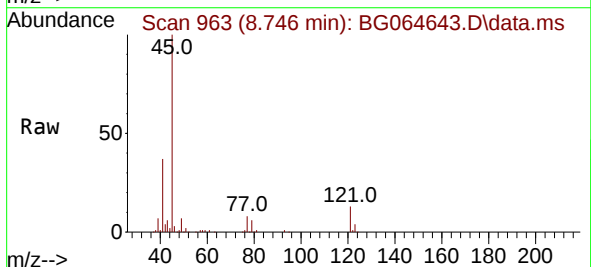


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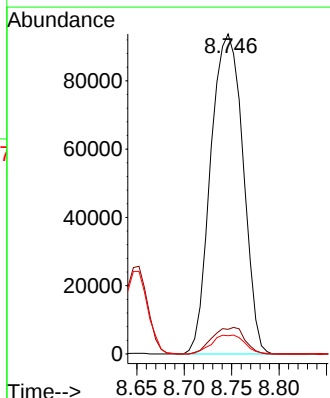
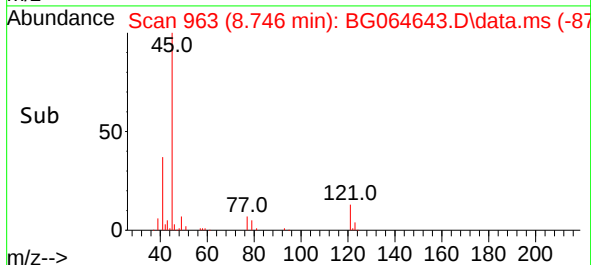
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.093 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



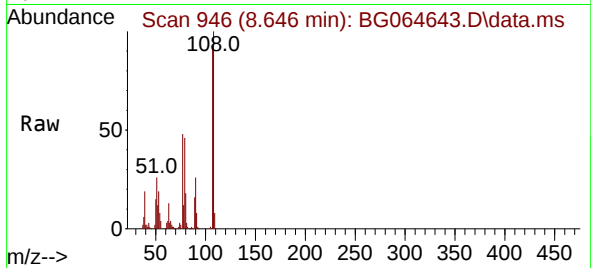
Tgt Ion: 45 Resp: 222135
Ion Ratio Lower Upper
45 100
77 7.7 0.0 28.5
79 5.7 0.0 25.6





#17
2-Methylphenol
Concen: 57.372 ng
RT: 8.646 min Scan# 947
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

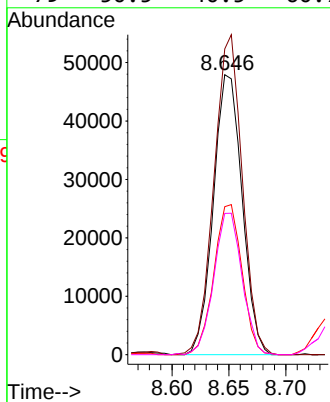
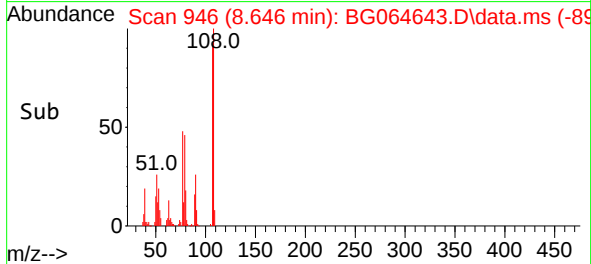
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:107 Resp: 84224
Ion Ratio Lower Upper
107 100
108 109.2 90.0 135.0
77 52.8 37.8 56.8
79 50.5 40.5 60.7

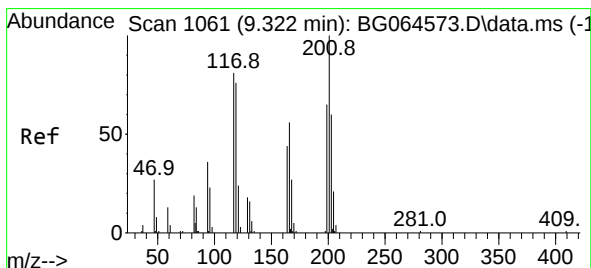
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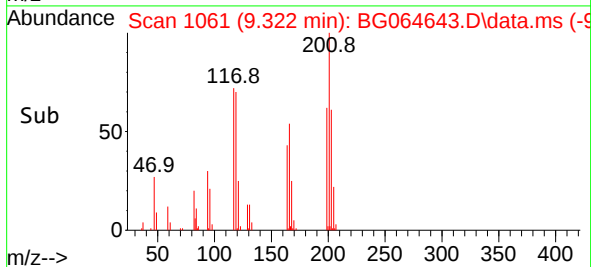
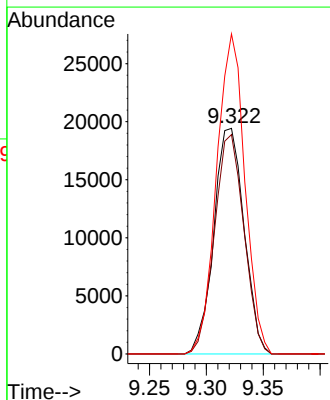
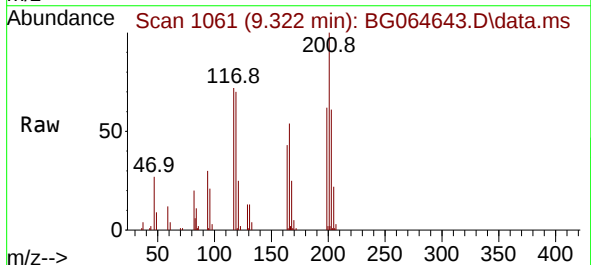
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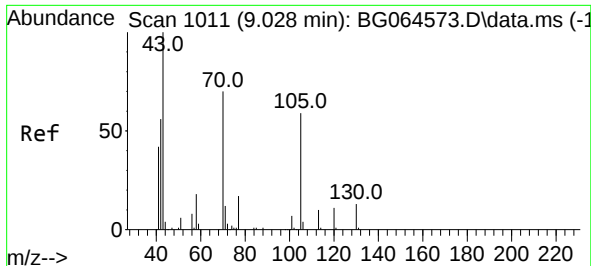
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#18
Hexachloroethane
Concen: 57.331 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:117 Resp: 35908
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.2
201 141.8 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 54.336 ng
RT: 9.022 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

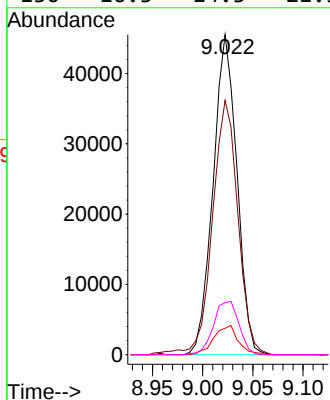
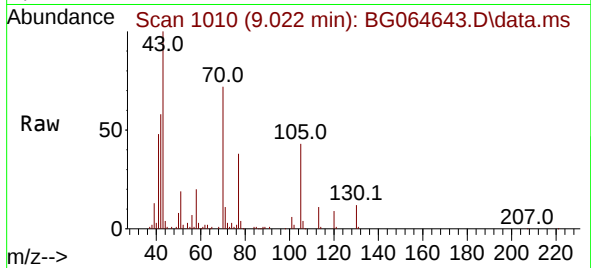
ClientSampleId :

PB170323BS

Tgt Ion: 70 Resp: 75079
Ion Ratio Lower Upper
70 100
42 79.4 65.2 97.8
101 8.3 7.9 11.9
130 16.3 14.3 21.5

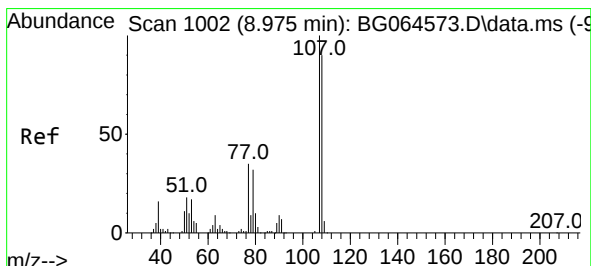
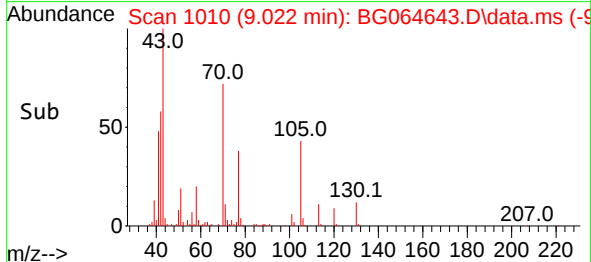
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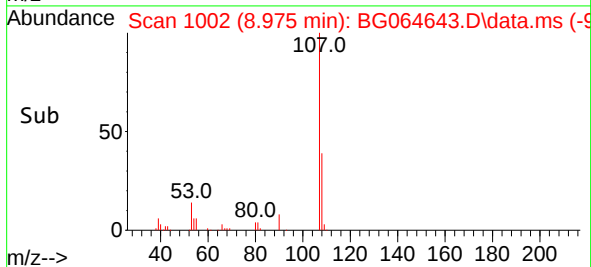
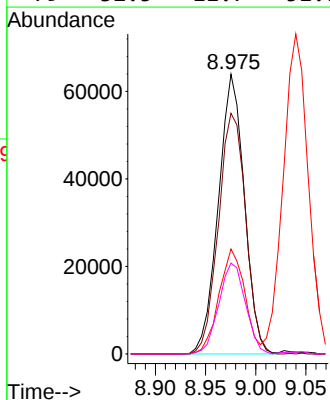
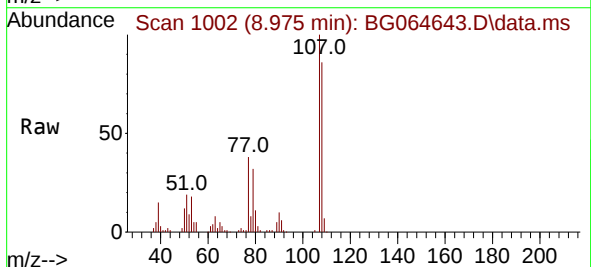
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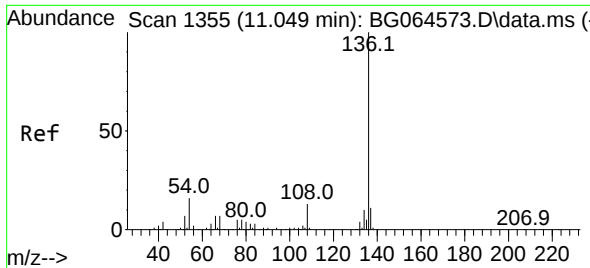
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#20
3+4-Methylphenols
Concen: 55.764 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:107 Resp: 115127
Ion Ratio Lower Upper
107 100
108 86.0 70.3 110.3
77 37.5 14.6 54.6
79 32.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNL_G

ClientSampleId :

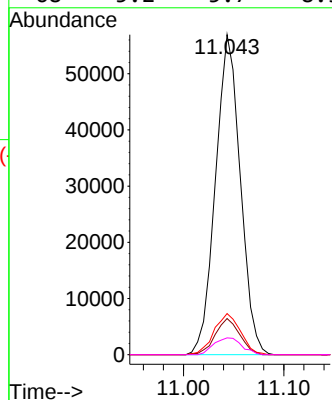
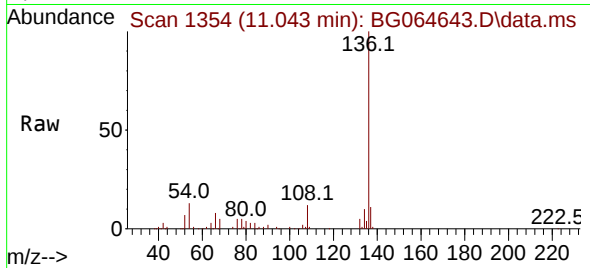
PB170323BS

Tgt Ion:136 Resp: 97688
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 12.8 12.6 19.0
68 5.2 5.7 8.5#

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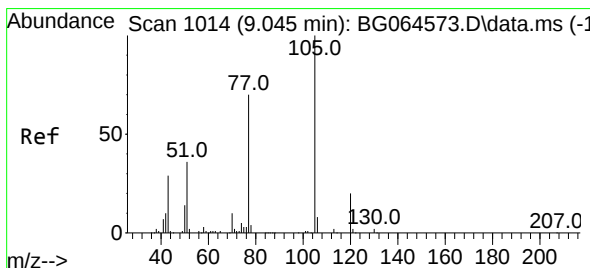
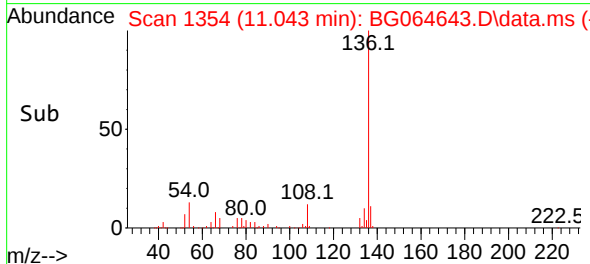
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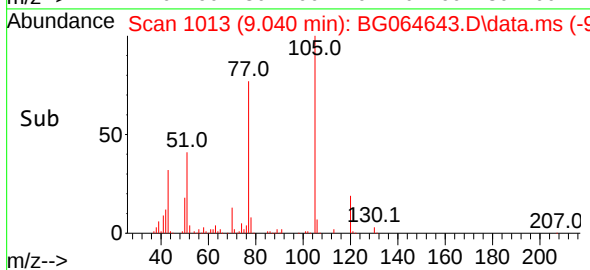
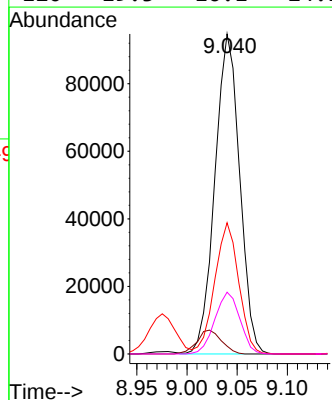
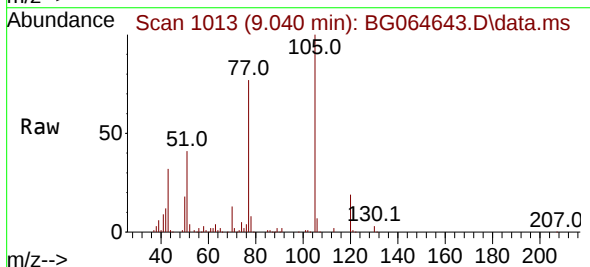
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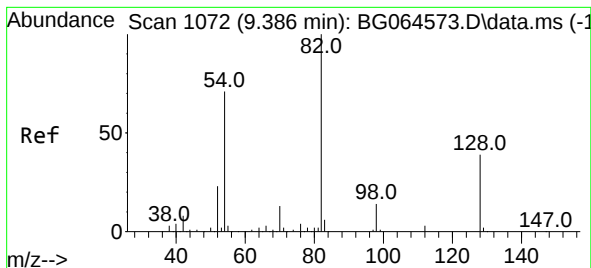
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#22
Acetophenone
Concen: 60.820 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:105 Resp: 162415
Ion Ratio Lower Upper
105 100
71 2.5 1.5 2.3#
51 41.0 33.7 50.5
120 19.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 121.054 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.005 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

Tgt Ion: 82 Resp: 19688

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

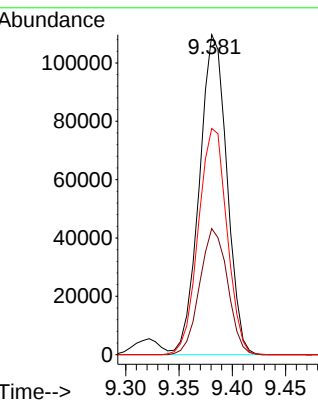
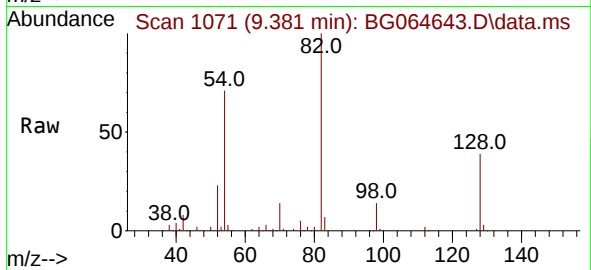
54 70.7 56.6 84.8

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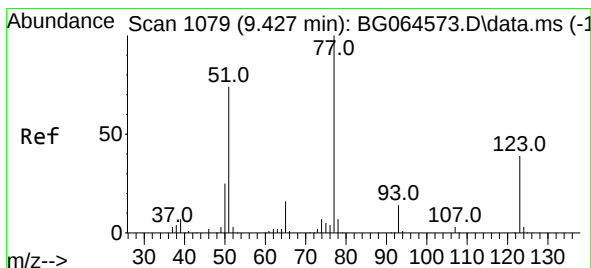
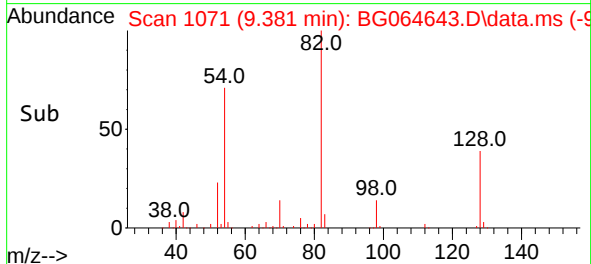
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Supervised By :mohammad
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#24

Nitrobenzene

Concen: 62.718 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.005 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

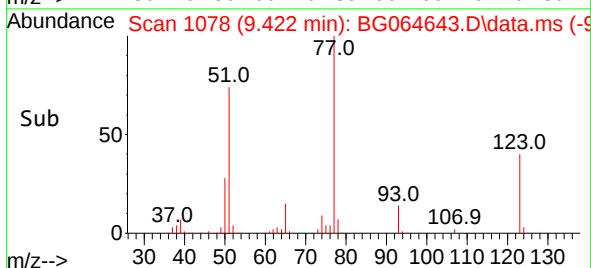
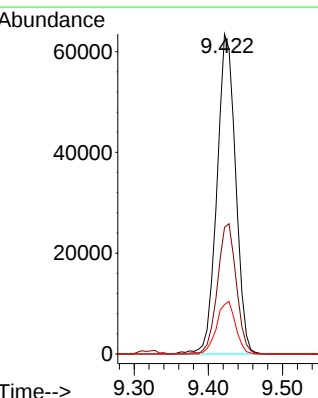
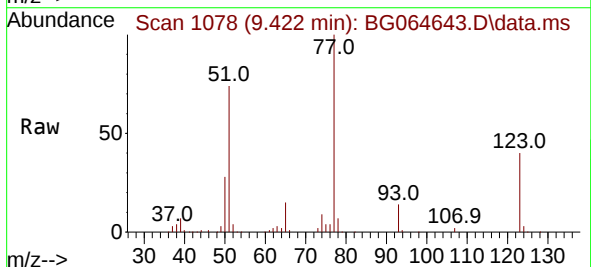
Tgt Ion: 77 Resp: 110949

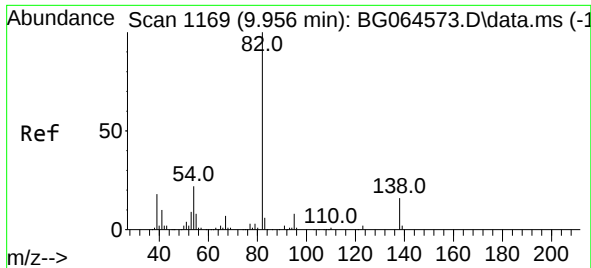
Ion Ratio Lower Upper

77 100

123 39.6 31.0 46.6

65 15.4 12.7 19.1





#25
Isophorone
Concen: 53.725 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

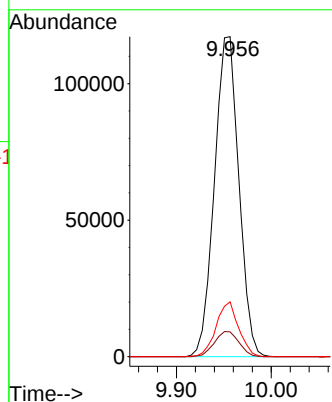
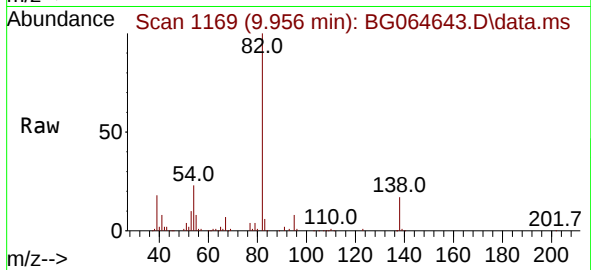
ClientSampleId :

PB170323BS

Tgt Ion: 82 Resp: 20967
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.2 13.0 19.4

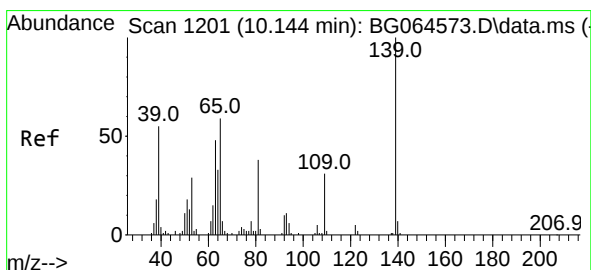
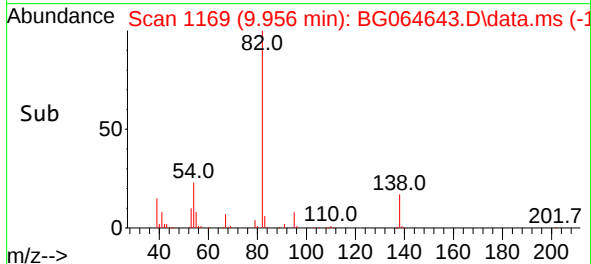
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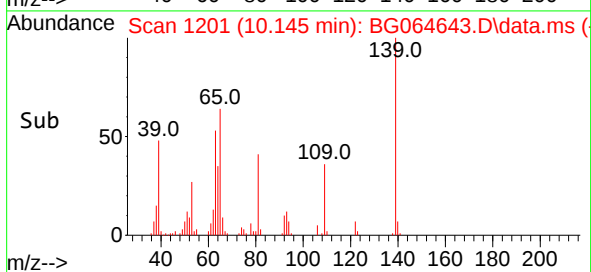
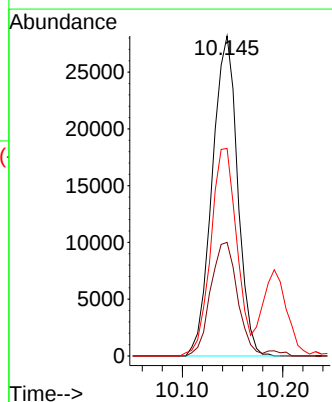
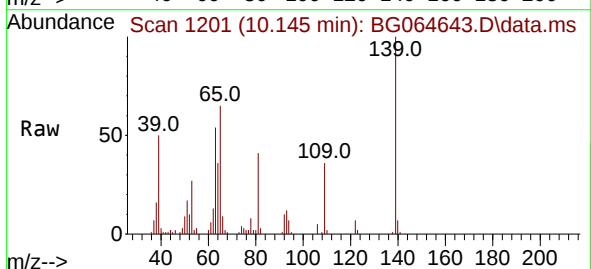
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Supervised By :mohammad
ahmed

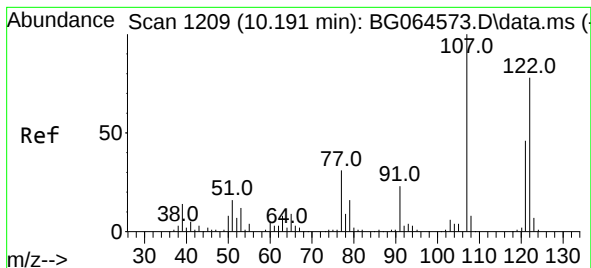
11/05/2025



#26
2-Nitrophenol
Concen: 70.866 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:139 Resp: 49458
Ion Ratio Lower Upper
139 100
109 35.5 24.6 37.0
65 64.9 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 65.960 ng
RT: 10.192 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

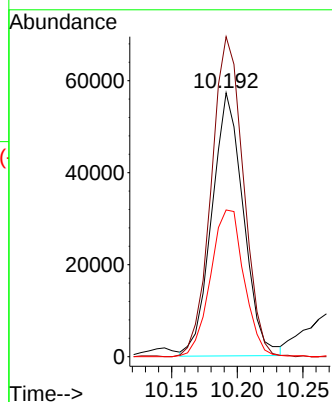
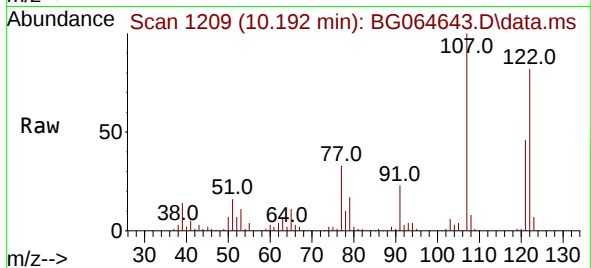
PB170323BS

Tgt Ion:122 Resp: 9575
Ion Ratio Lower Upper
122 100
107 121.2 103.0 154.4
121 55.6 47.8 71.8

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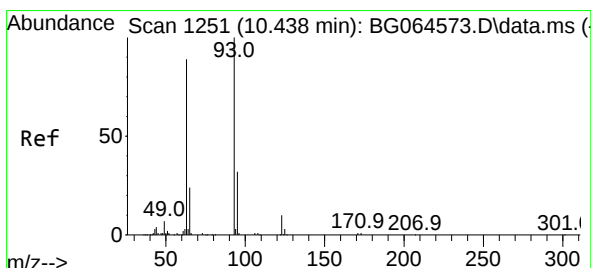
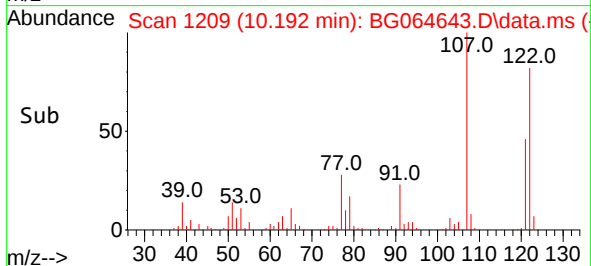
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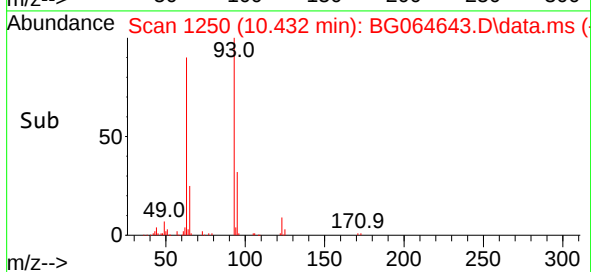
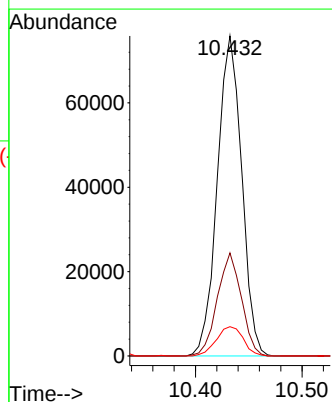
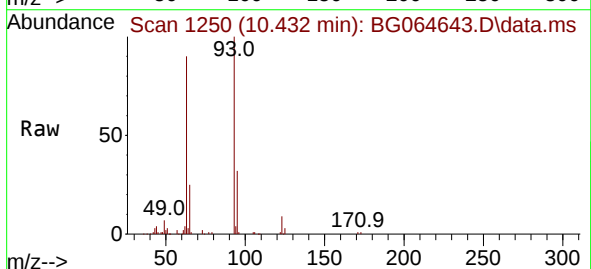
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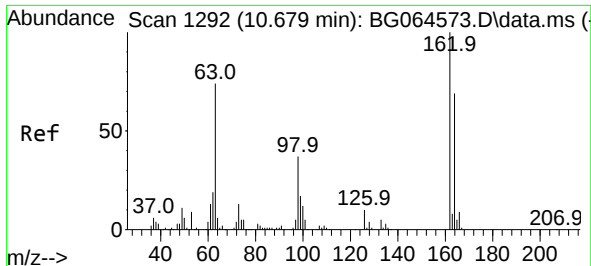
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#28
bis(2-Chloroethoxy)methane
Concen: 54.267 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion: 93 Resp: 120586
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.2
123 9.2 8.4 12.6





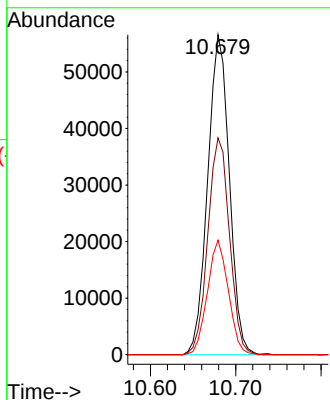
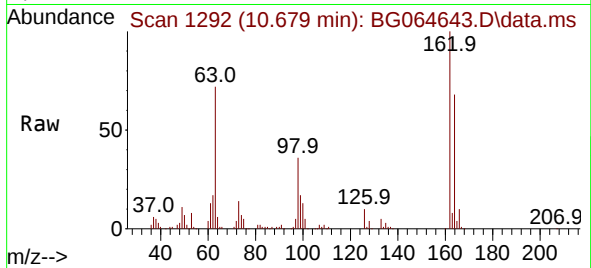
#29
2,4-Dichlorophenol
Concen: 63.826 ng
RT: 10.679 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion:162 Resp: 99710
Ion Ratio Lower Upper
162 100
164 67.8 48.7 88.7
98 35.8 16.9 56.9

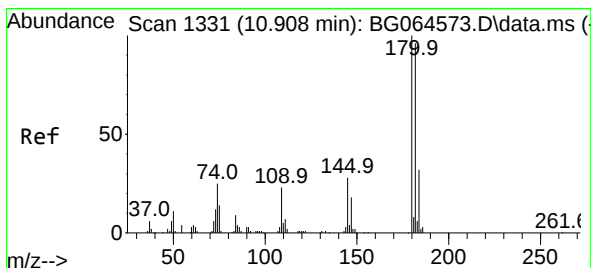
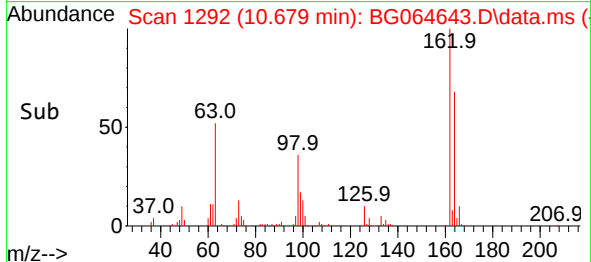
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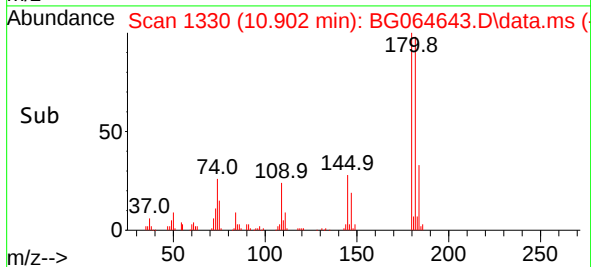
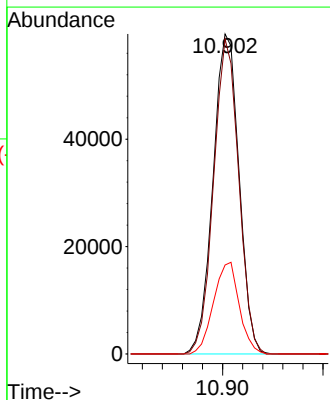
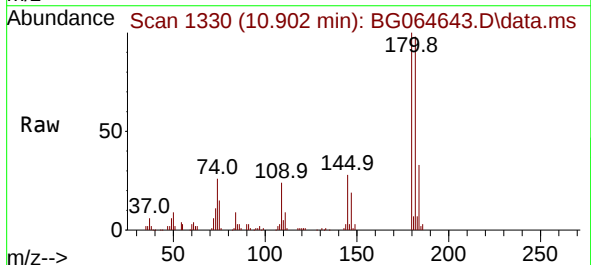
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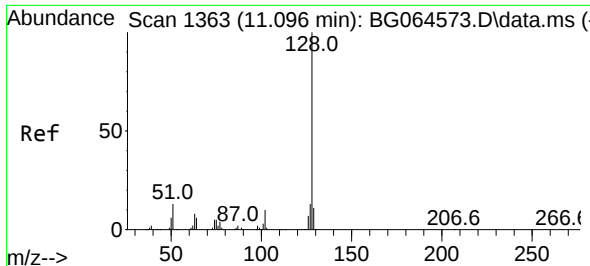
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#30
1,2,4-Trichlorobenzene
Concen: 60.308 ng
RT: 10.902 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

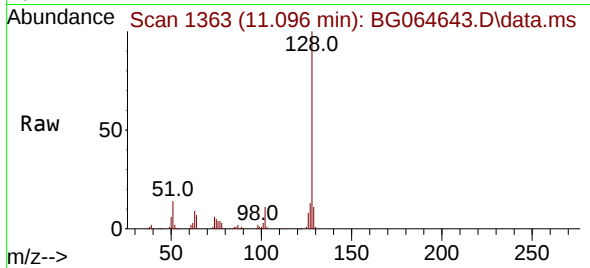
Tgt Ion:180 Resp: 107052
Ion Ratio Lower Upper
180 100
182 98.4 76.9 115.3
145 27.8 22.1 33.1





#31
Naphthalene
Concen: 54.573 ng
RT: 11.096 min Scan# 11096
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

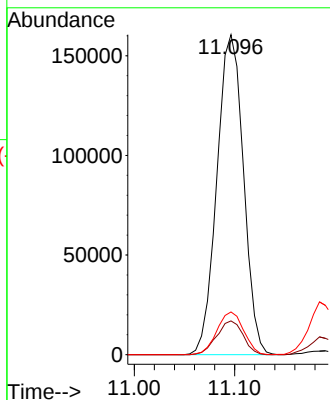
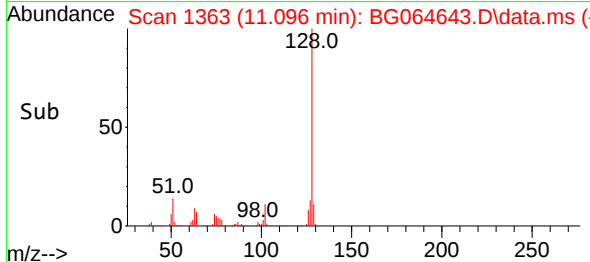
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:128 Resp: 295578
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.3 10.6 15.8

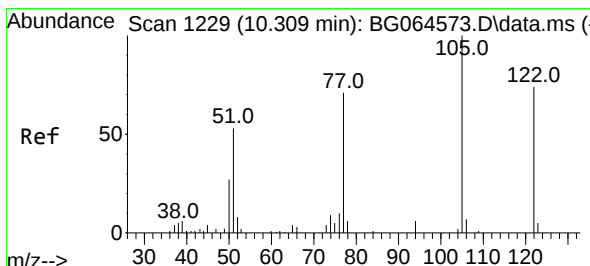
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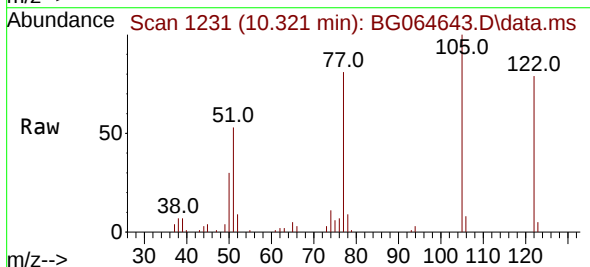


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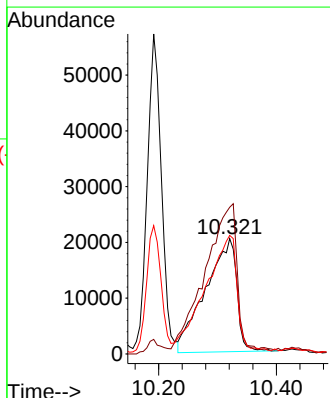
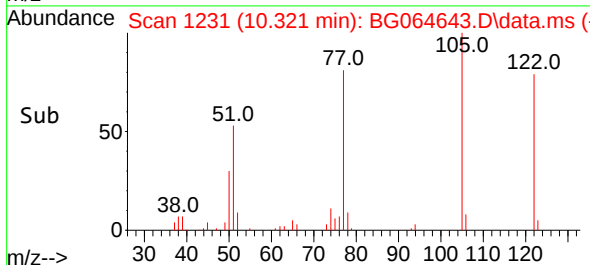
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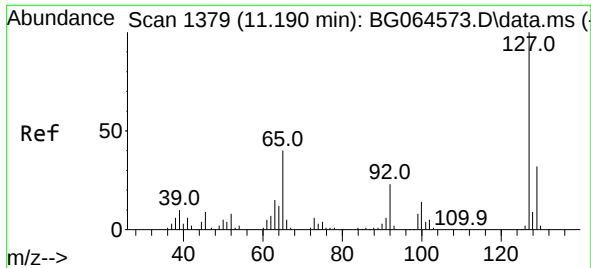


#32
Benzoic acid
Concen: 64.328 ng
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:122 Resp: 74570
Ion Ratio Lower Upper
122 100
105 127.2 104.2 144.2
77 102.7 70.2 110.2





#33
4-Chloroaniline
Concen: 22.947 ng
RT: 11.184 min Scan# 111
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

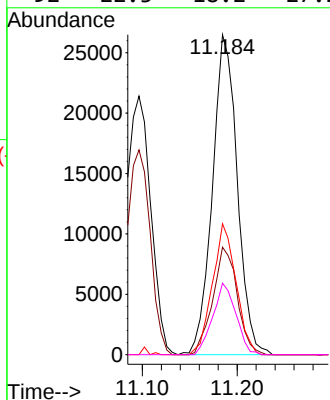
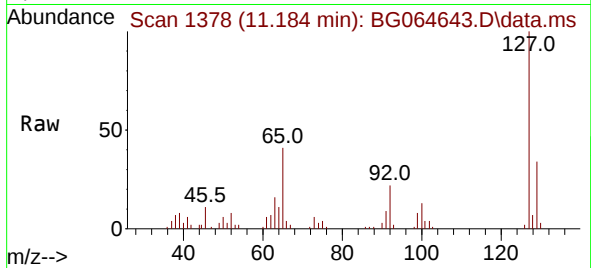
ClientSampleId :

PB170323BS

Tgt Ion:	127	Resp:	4830
Ion Ratio	Lower	Upper	
127	100		
129	33.6	25.5	38.3
65	40.9	32.2	48.4
92	22.3	18.2	27.2

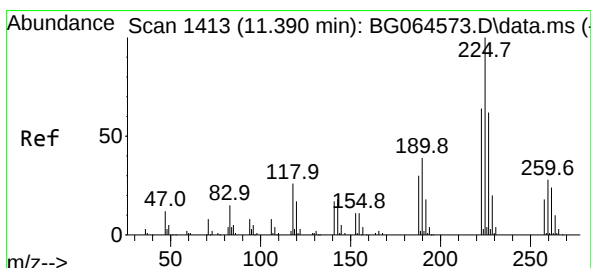
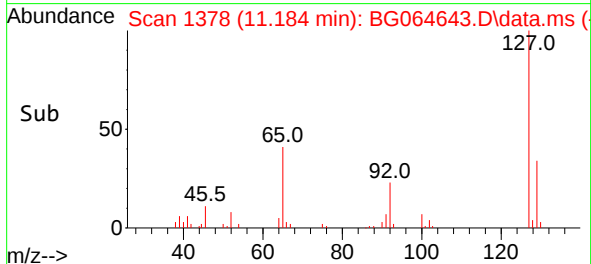
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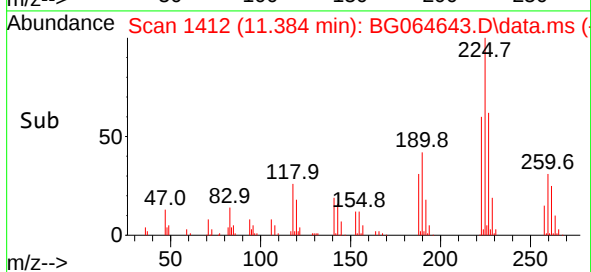
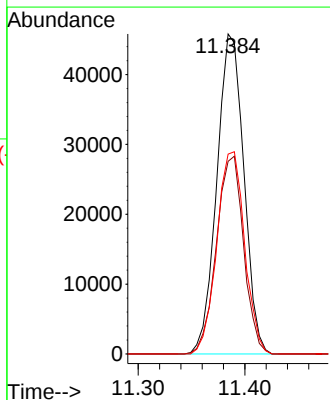
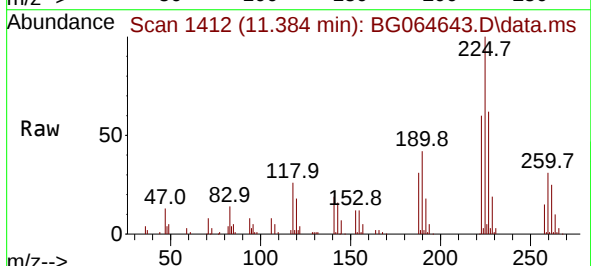
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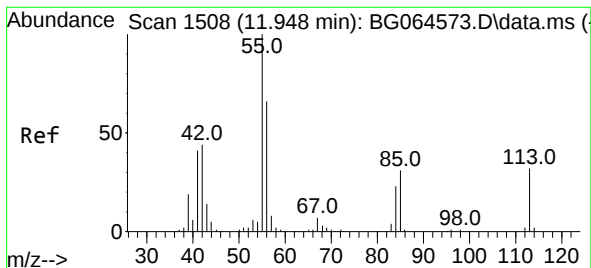
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#34
Hexachlorobutadiene
Concen: 58.100 ng
RT: 11.384 min Scan# 1412
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

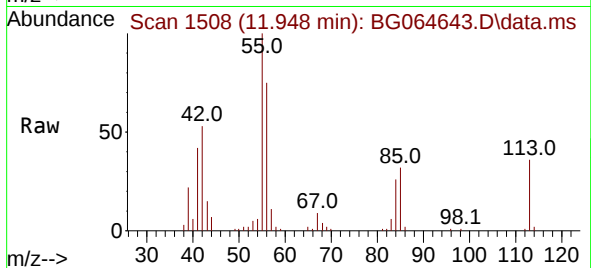
Tgt Ion:	225	Resp:	80655
Ion Ratio	Lower	Upper	
225	100		
223	57.5	48.8	73.2
227	62.8	49.5	74.3





#35
Caprolactam
Concen: 55.246 ng m
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

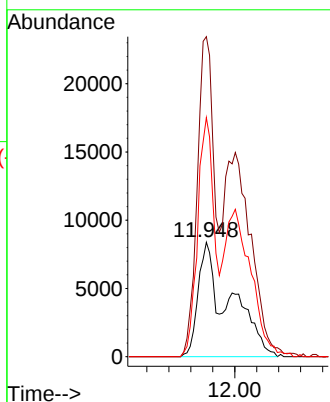
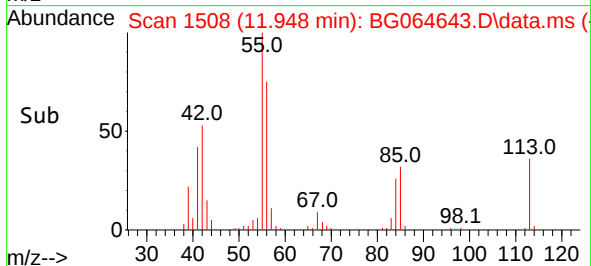
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:113 Resp: 33104
Ion Ratio Lower Upper
113 100
55 279.5 290.1 330.1
56 208.8 183.8 223.8

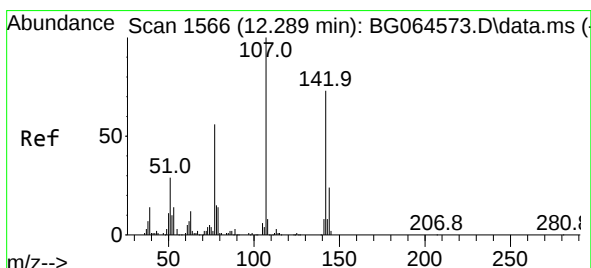
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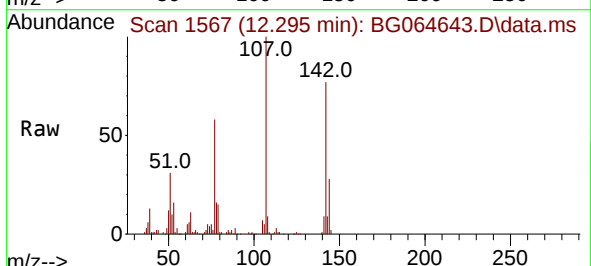


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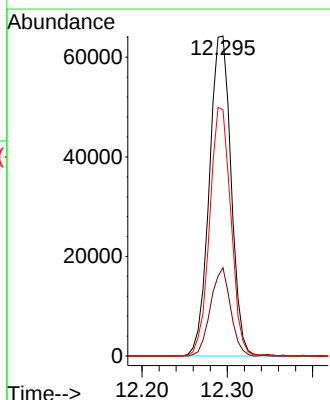
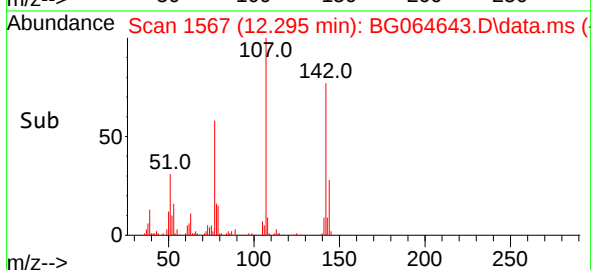
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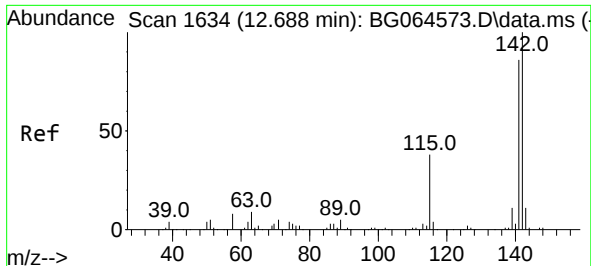


#36
4-Chloro-3-methylphenol
Concen: 60.849 ng
RT: 12.295 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



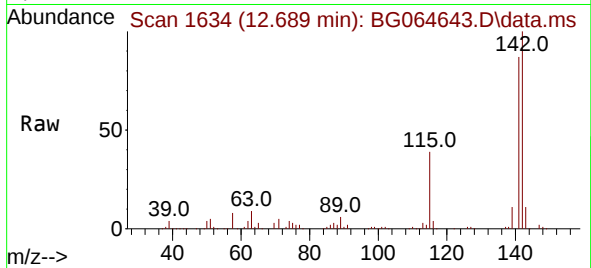
Tgt Ion:107 Resp: 114270
Ion Ratio Lower Upper
107 100
144 27.6 19.1 28.7
142 76.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 51.167 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

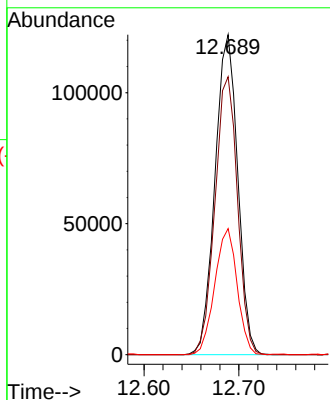
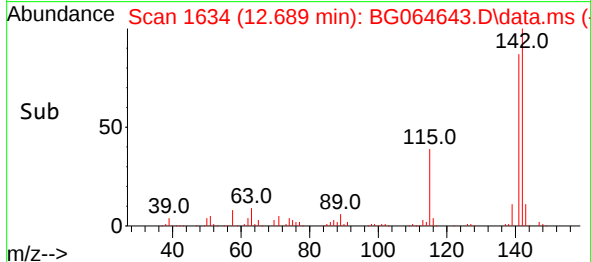
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:142 Resp: 20346
Ion Ratio Lower Upper
142 100
141 86.8 68.9 103.3
115 39.4 30.6 46.0

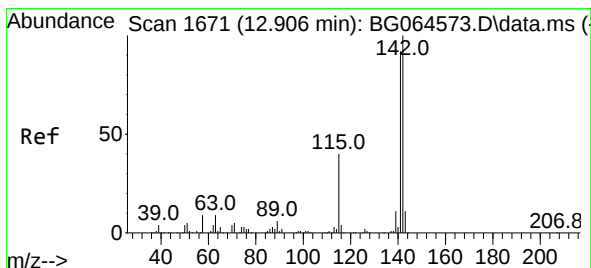
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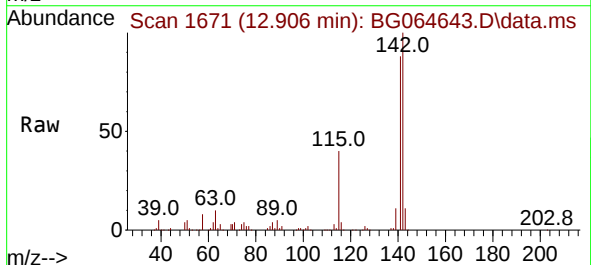


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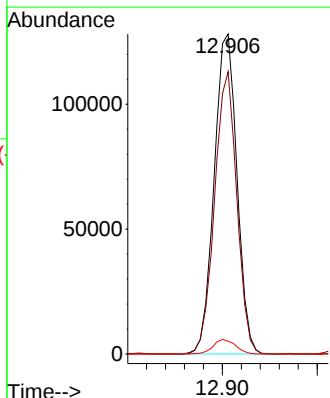
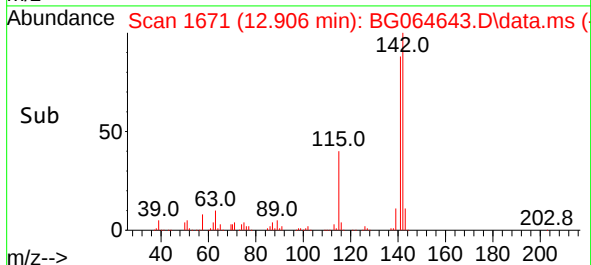
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#38
1-Methylnaphthalene
Concen: 54.373 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:142 Resp: 214041
Ion Ratio Lower Upper
142 100
141 88.3 73.3 109.9
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

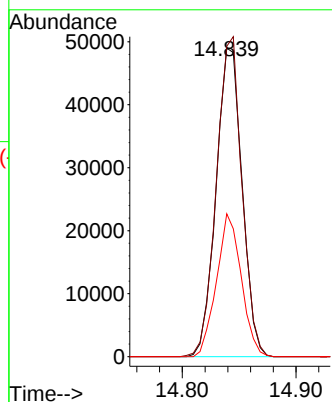
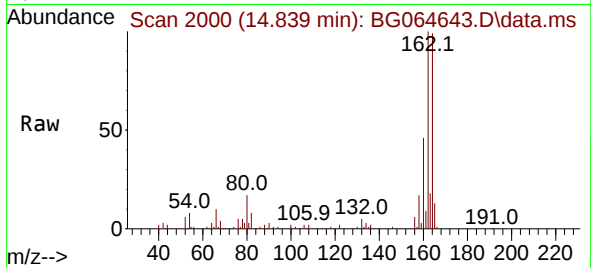
PB170323BS

Tgt Ion:164 Resp: 7802
Ion Ratio Lower Upper
164 100
162 100.6 77.0 115.6
160 46.3 34.4 51.6

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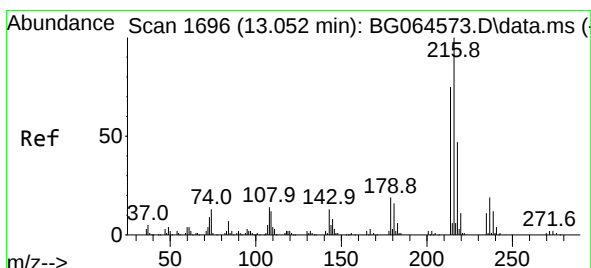
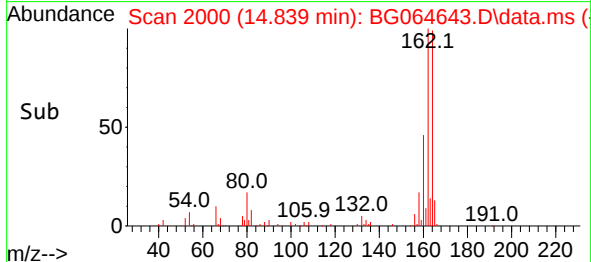
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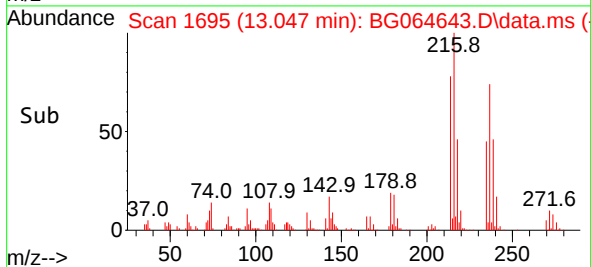
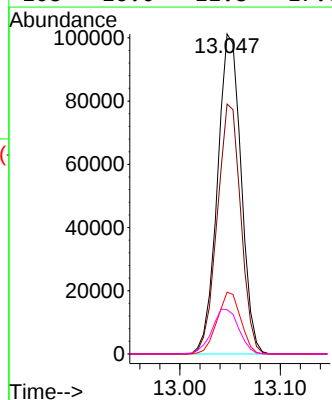
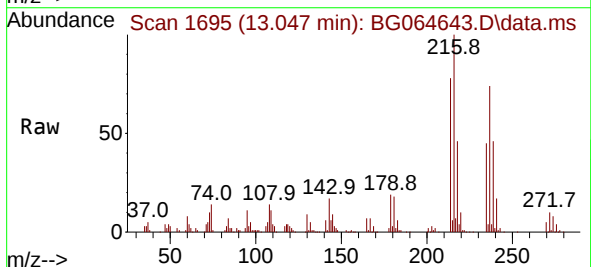
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Supervised By :mohammad
ahmed

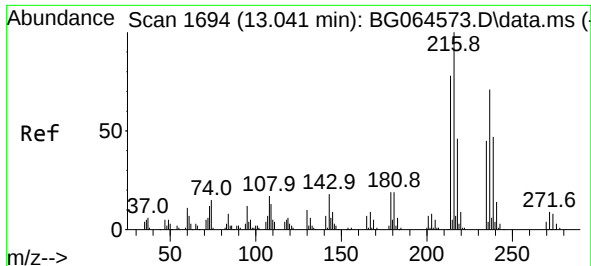
11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.215 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

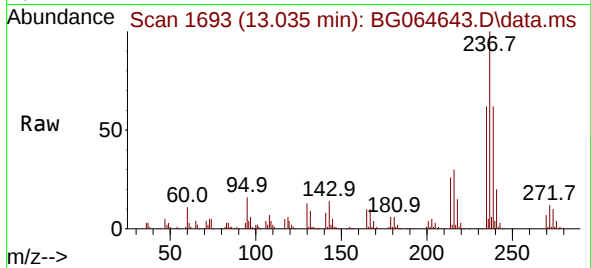
Tgt Ion:216 Resp: 165526
Ion Ratio Lower Upper
216 100
214 77.7 61.4 92.2
179 19.1 15.4 23.0
108 16.0 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 183.260 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

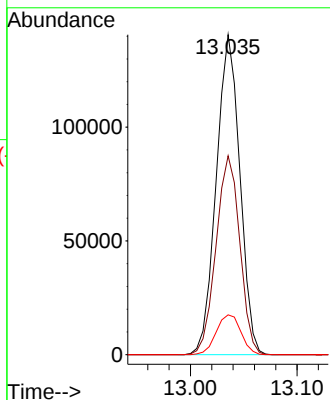
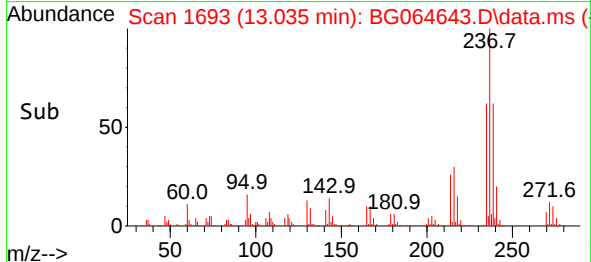
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:237 Resp: 215989
Ion Ratio Lower Upper
237 100
235 62.2 44.1 84.1
272 12.4 0.0 32.4

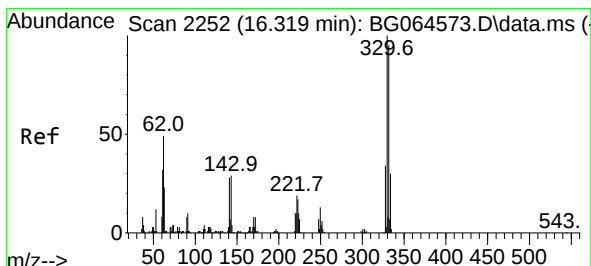
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

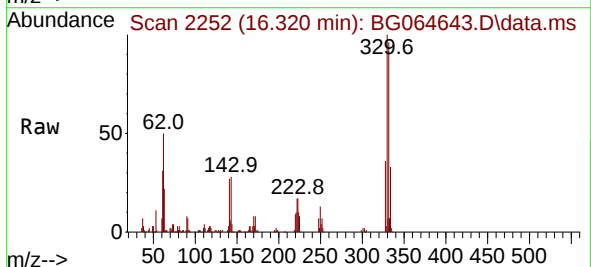


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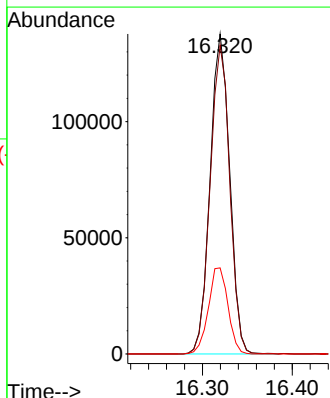
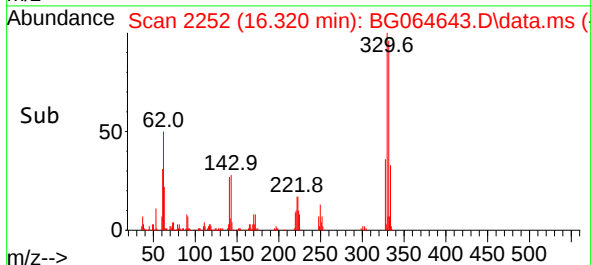
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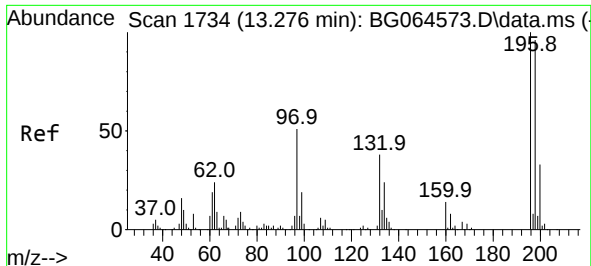


#42
2,4,6-Tribromophenol
Concen: 185.270 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



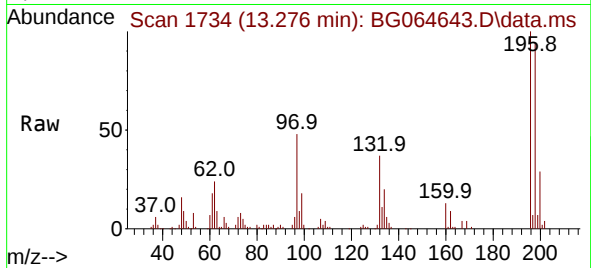
Tgt Ion:330 Resp: 208631
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 26.9 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 67.387 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

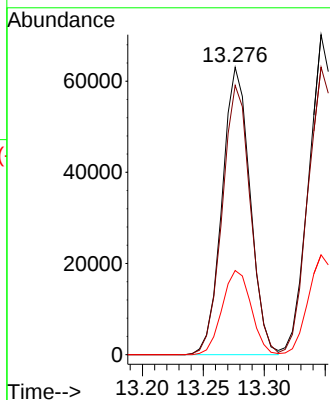
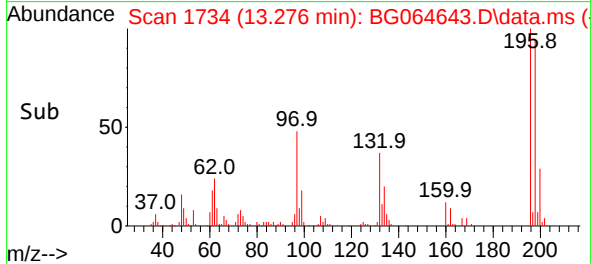
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:196 Resp: 100932
Ion Ratio Lower Upper
196 100
198 93.7 76.6 115.0
200 29.3 26.0 39.0

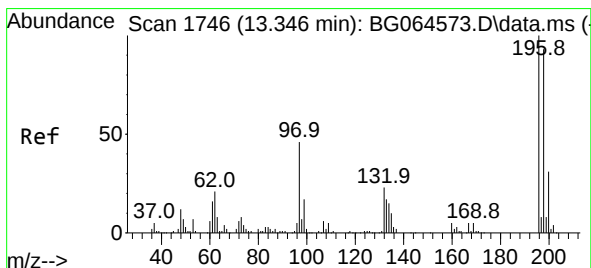
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Supervised By :mohammad ahmed 11/05/2025

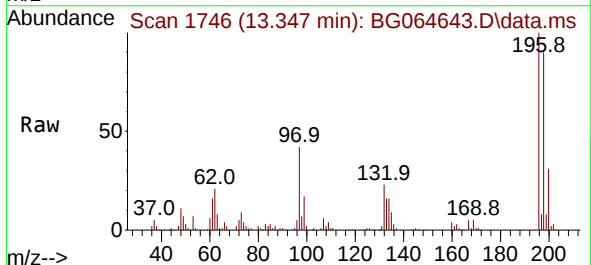


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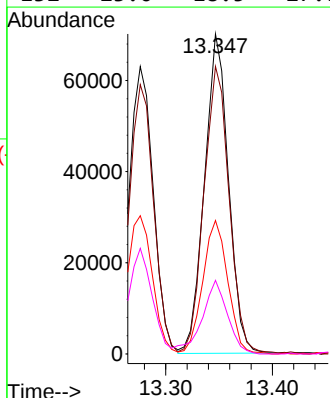
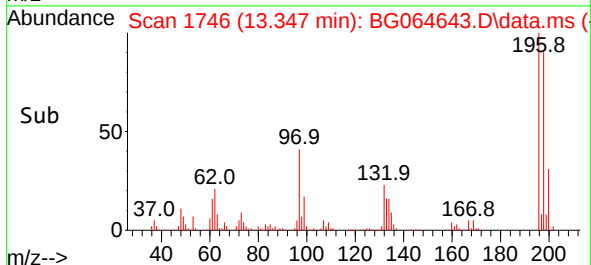
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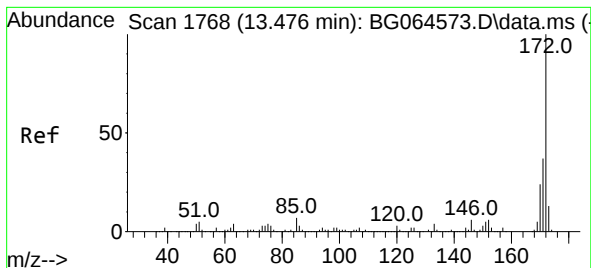


#44
2,4,5-Trichlorophenol
Concen: 63.398 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



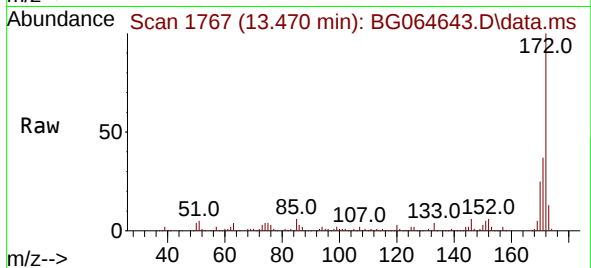
Tgt Ion:196 Resp: 109580
Ion Ratio Lower Upper
196 100
198 89.9 74.2 111.4
97 41.7 37.0 55.6
132 23.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 102.634 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

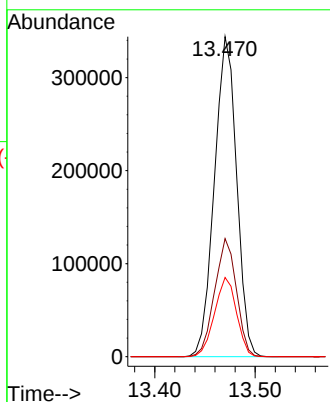
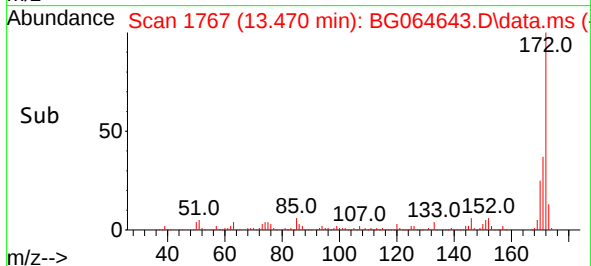
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:172 Resp: 528304
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.7 19.1 28.7

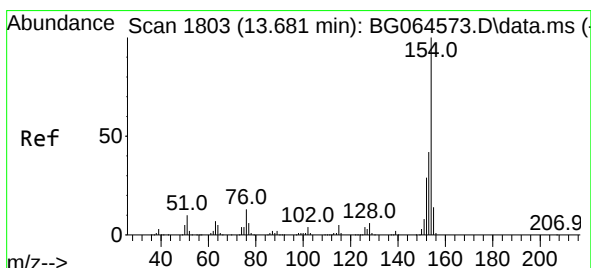
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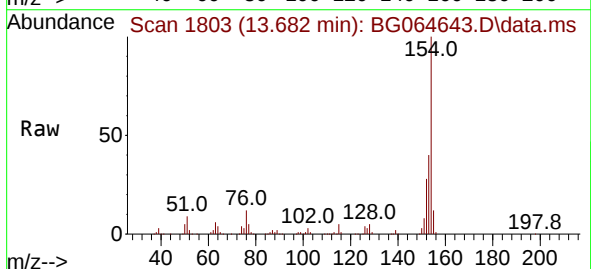


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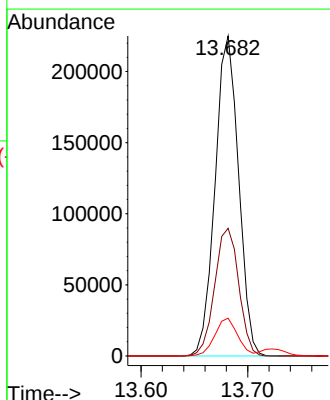
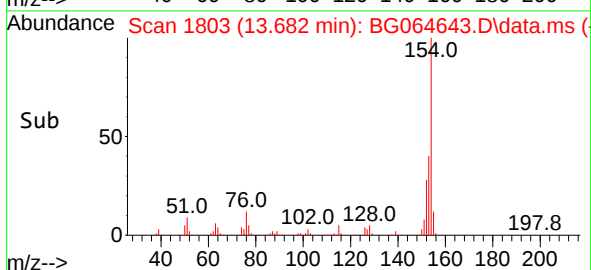
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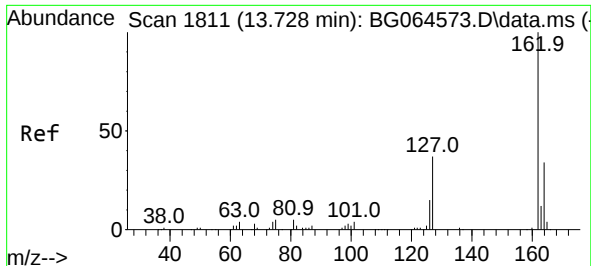


#46
1,1'-Biphenyl
Concen: 61.924 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



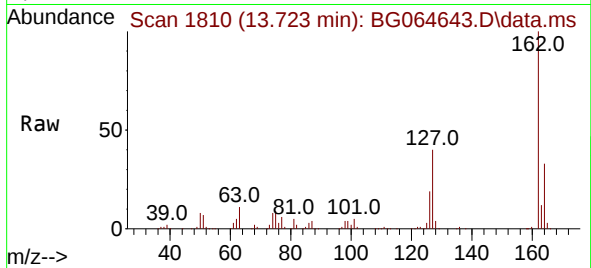
Tgt Ion:154 Resp: 343481
Ion Ratio Lower Upper
154 100
153 39.9 22.4 62.4
76 11.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 55.806 ng
RT: 13.723 min Scan# 1811
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

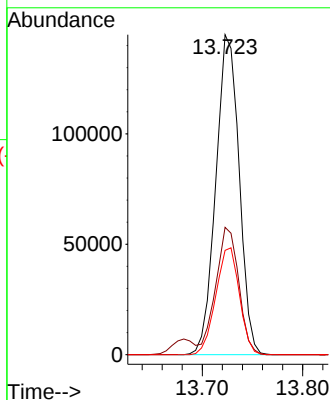
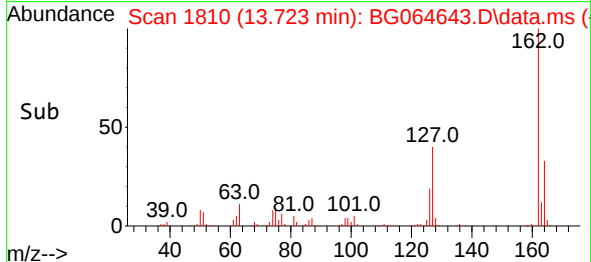
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:162 Resp: 23365
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 32.6 27.5 41.3

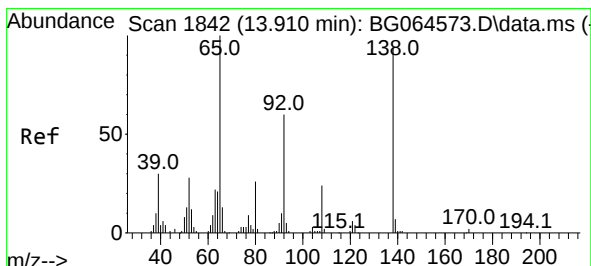
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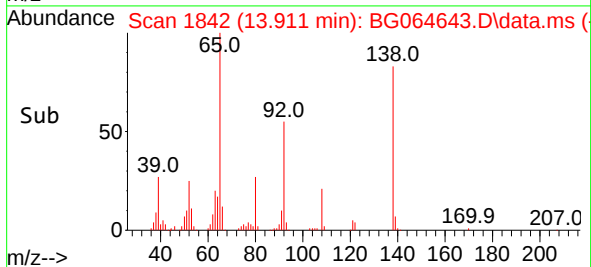
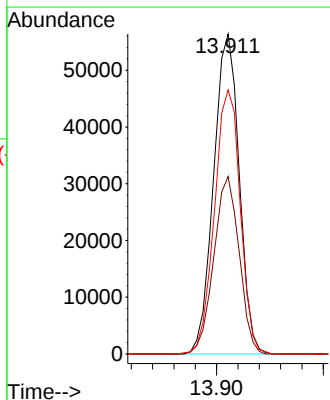
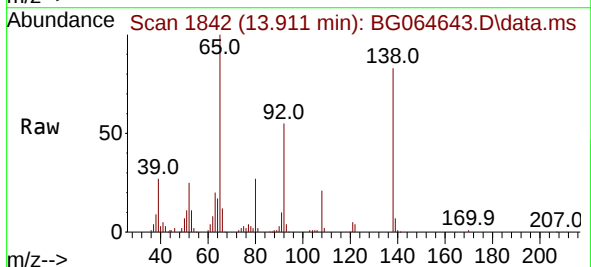
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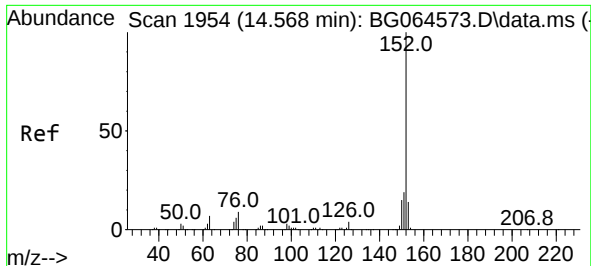
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#48
2-Nitroaniline
Concen: 65.288 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion: 65 Resp: 93518
Ion Ratio Lower Upper
65 100
92 55.5 48.3 72.5
138 82.5 74.9 112.3





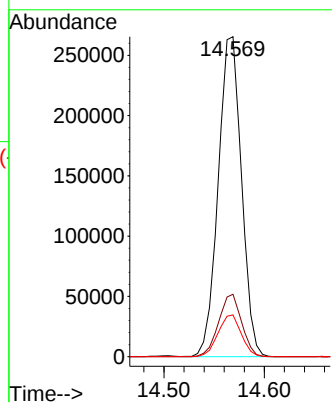
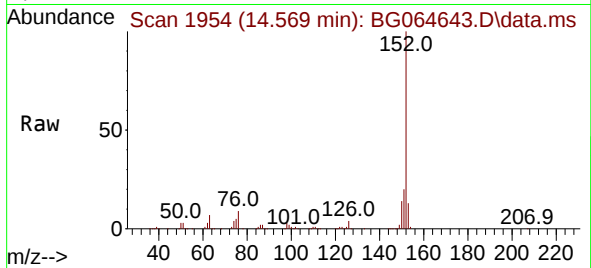
#49
Acenaphthylene
Concen: 64.715 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion:152 Resp: 427388
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.0 11.0 16.4

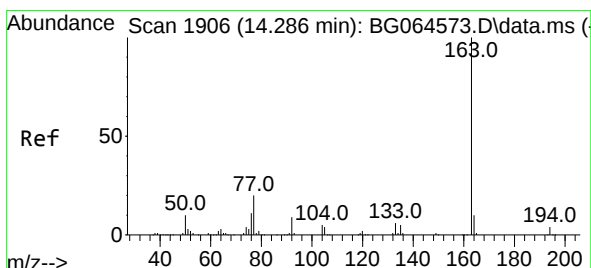
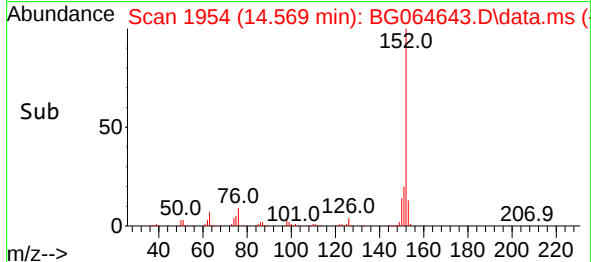
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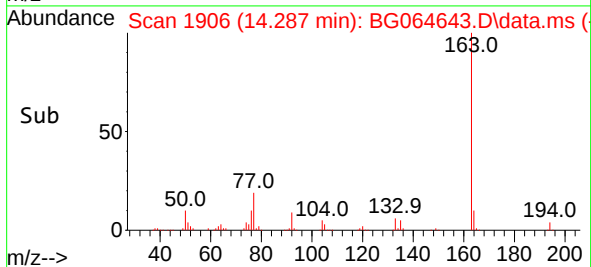
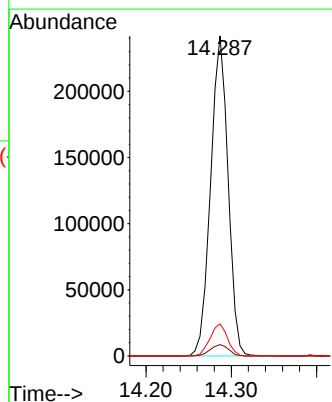
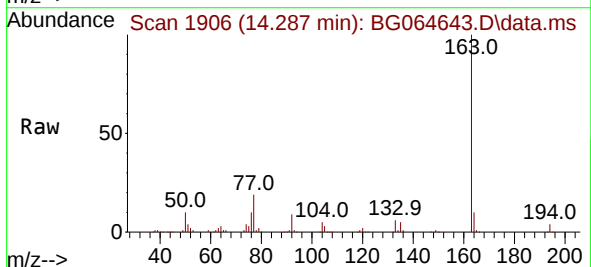
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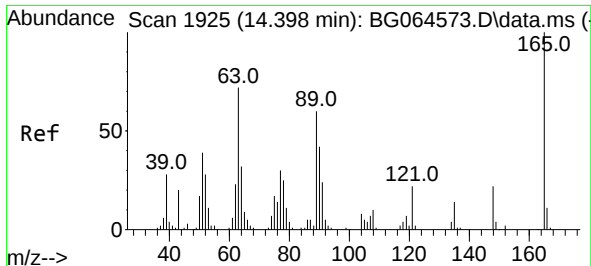
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#50
Dimethylphthalate
Concen: 57.423 ng
RT: 14.287 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:163 Resp: 342831
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 7.7 11.5





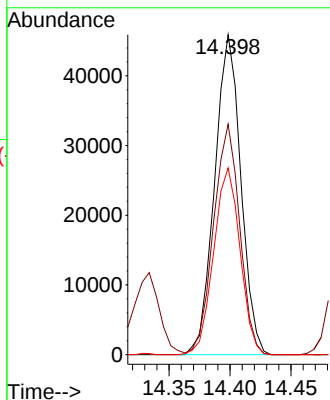
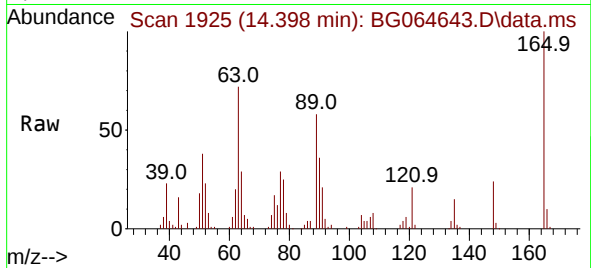
#51
2,6-Dinitrotoluene
Concen: 68.278 ng
RT: 14.398 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :
BNA_G
ClientSampleId :
PB170323BS

Tgt Ion:165 Resp: 68684
Ion Ratio Lower Upper
165 100
63 72.0 57.4 86.0
89 58.4 47.8 71.8

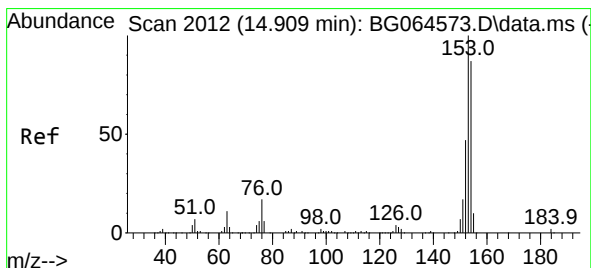
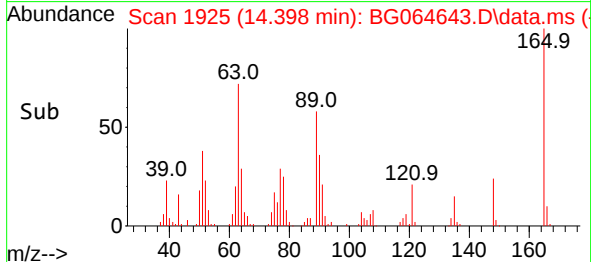
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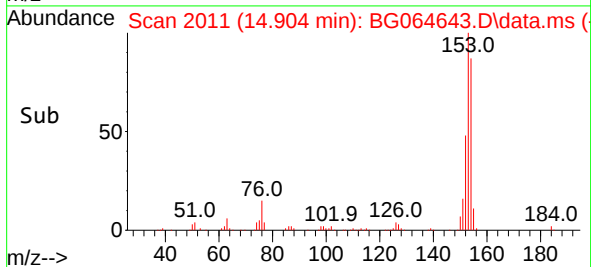
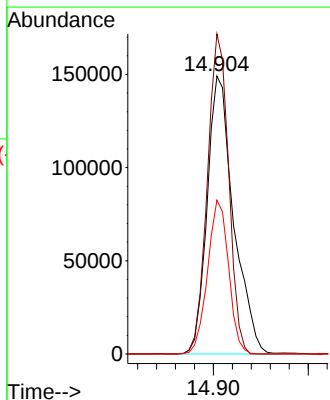
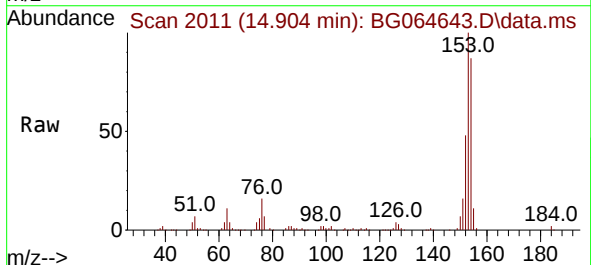
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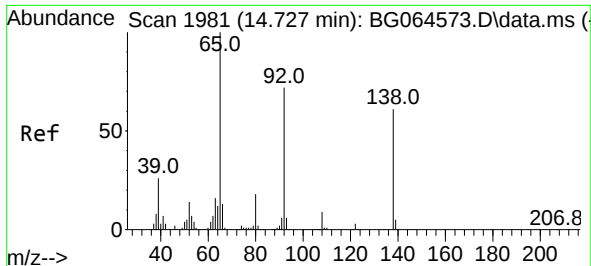
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#52
Acenaphthene
Concen: 64.002 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:154 Resp: 288780
Ion Ratio Lower Upper
154 100
153 115.2 92.2 138.4
152 55.3 43.2 64.8





#53
3-Nitroaniline
Concen: 42.304 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

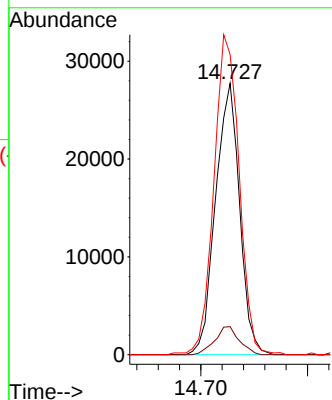
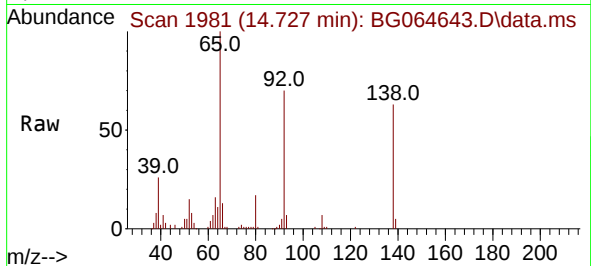
ClientSampleId :

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Tgt Ion:138 Resp: 4340
Ion Ratio Lower Upper
138 100
108 10.3 11.4 17.0
92 110.6 95.3 142.9

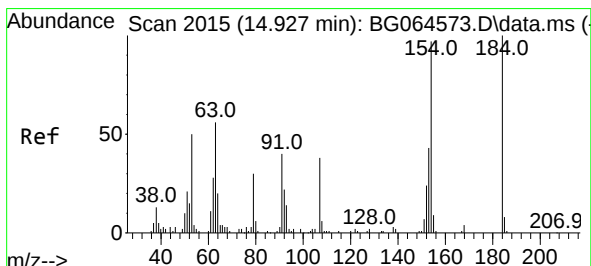
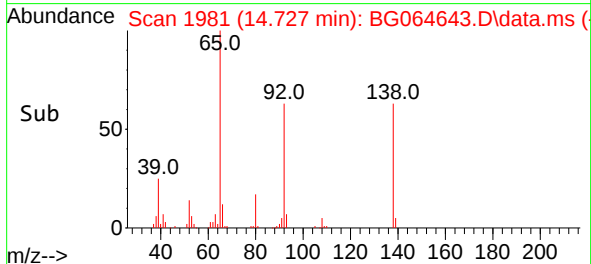
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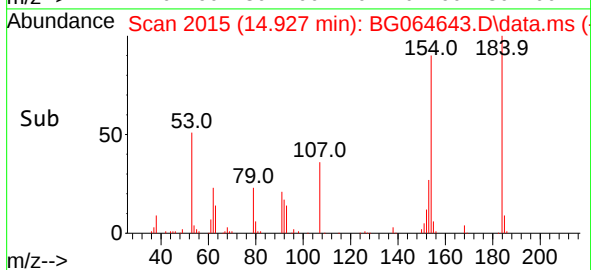
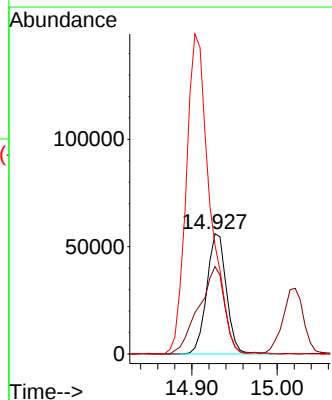
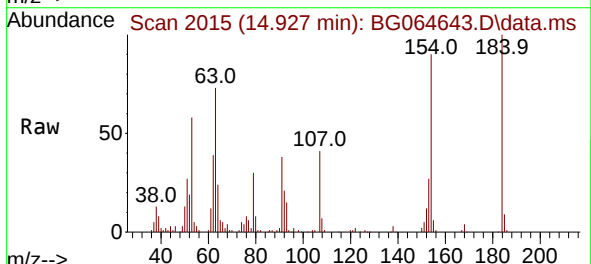
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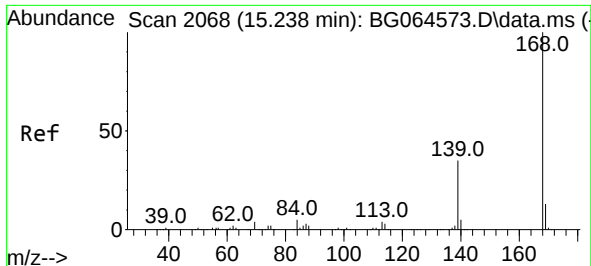
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#54
2,4-Dinitrophenol
Concen: 143.311 ng
RT: 14.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

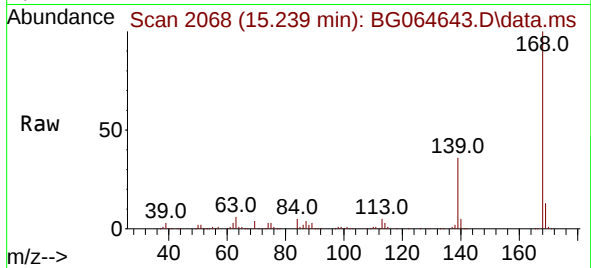
Tgt Ion:184 Resp: 89494
Ion Ratio Lower Upper
184 100
63 72.6 56.6 85.0
154 90.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 56.356 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

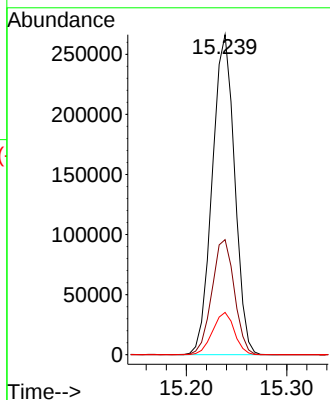
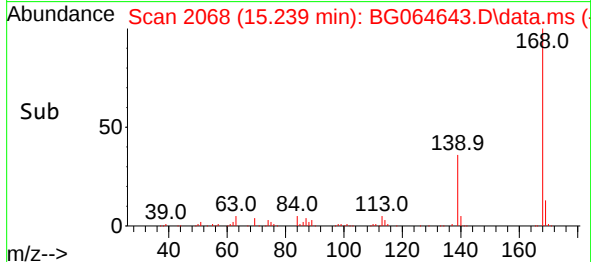
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:168 Resp: 411098
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.8
169 13.2 10.3 15.5

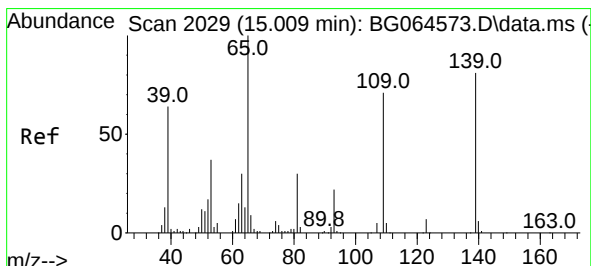
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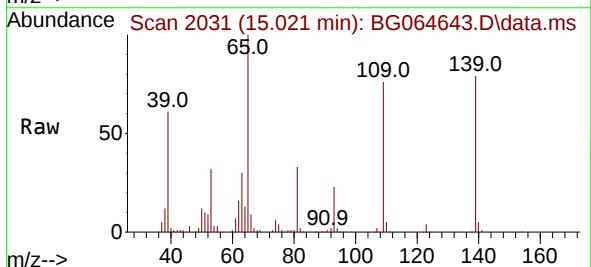


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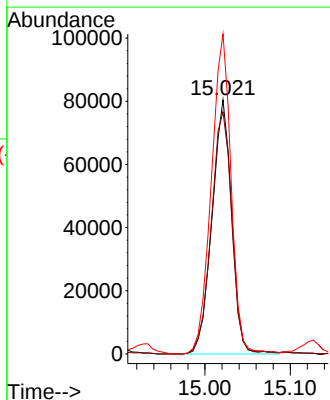
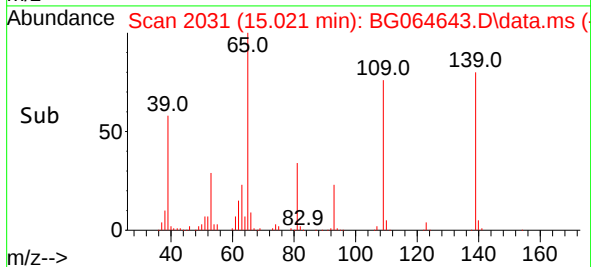
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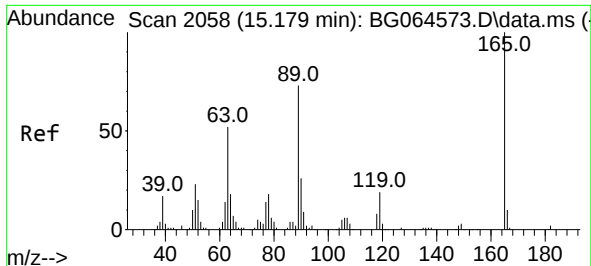


#56
4-Nitrophenol
Concen: 135.317 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:139 Resp: 128722
Ion Ratio Lower Upper
139 100
109 95.3 67.8 107.8
65 125.9 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 65.765 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNL_G

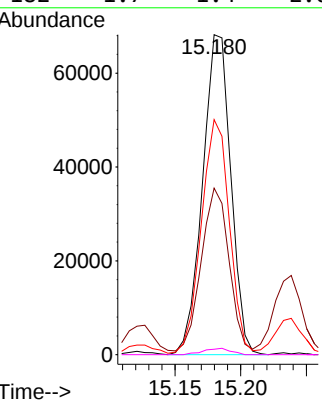
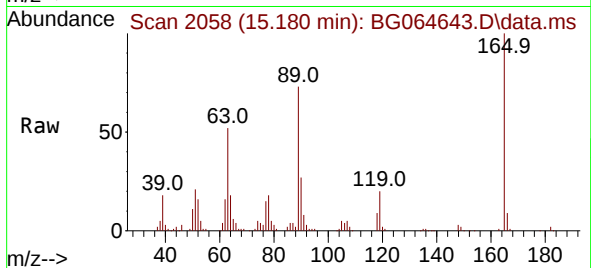
ClientSampleId :

PB170323BS

Tgt Ion:165 Resp: 102000
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 73.4 58.1 87.1
182 1.7 1.4 2.0

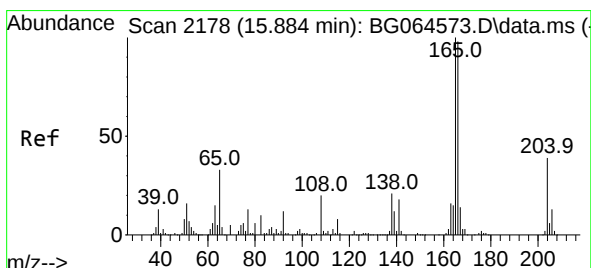
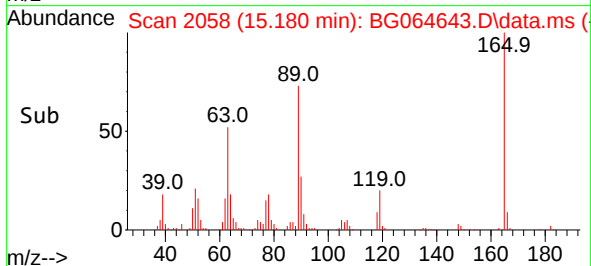
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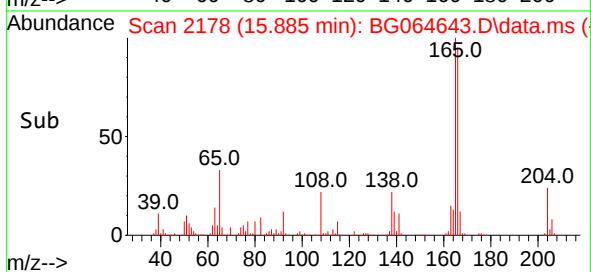
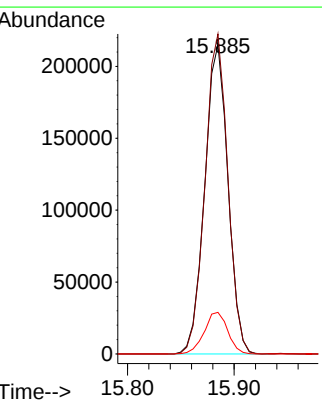
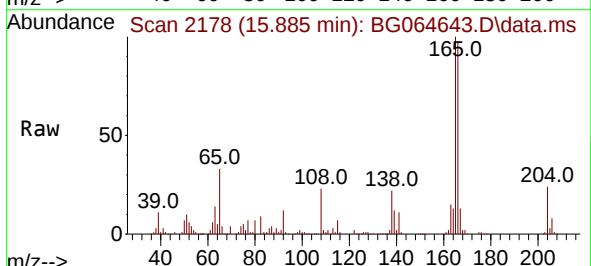
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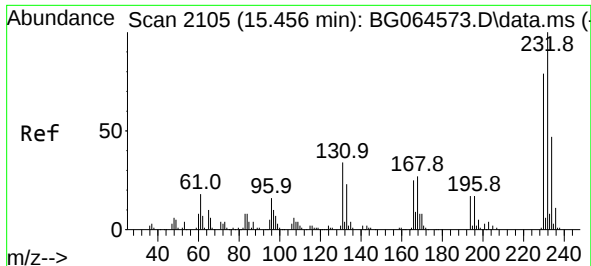
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#58
Fluorene
Concen: 57.092 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

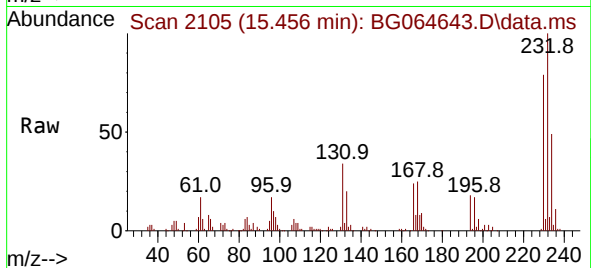
Tgt Ion:166 Resp: 325242
Ion Ratio Lower Upper
166 100
165 103.5 81.5 122.3
167 13.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 69.380 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

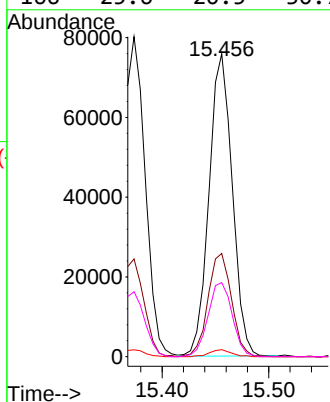
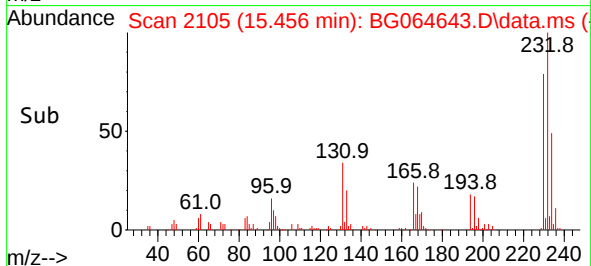
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:232 Resp: 11467
Ion Ratio Lower Upper
232 100
131 34.7 26.7 40.1
130 2.2 1.6 2.4
166 25.6 20.5 30.7

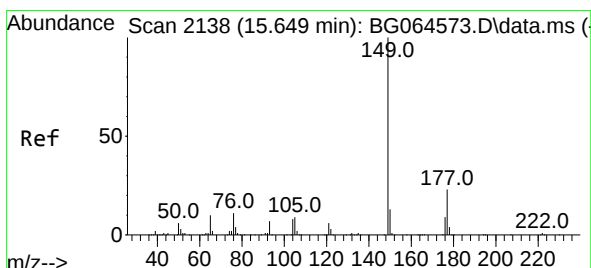
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

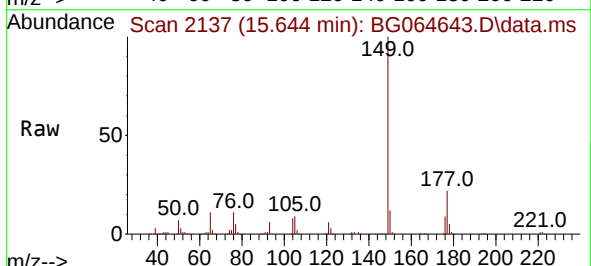


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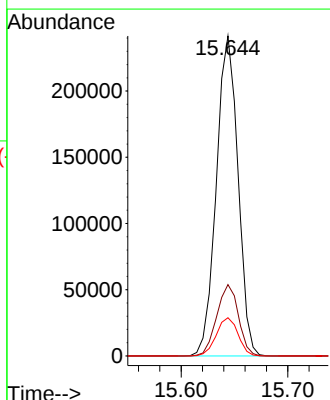
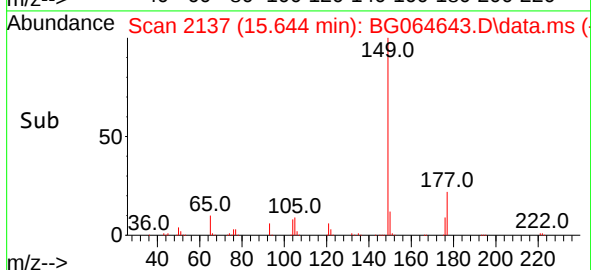
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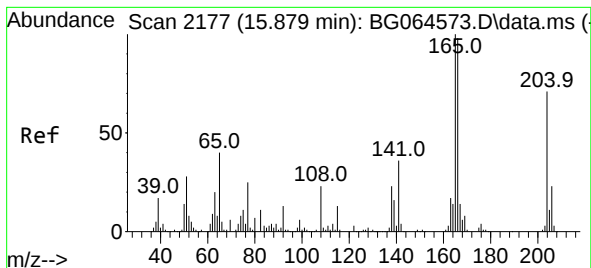


#60
Diethylphthalate
Concen: 55.773 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



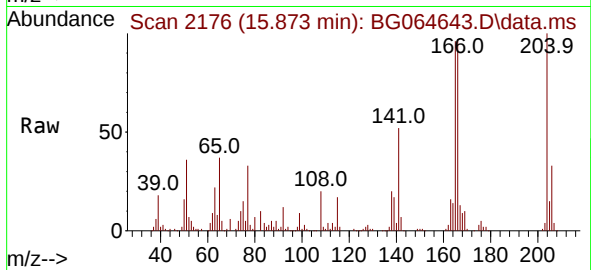
Tgt Ion:149 Resp: 339987
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 57.388 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

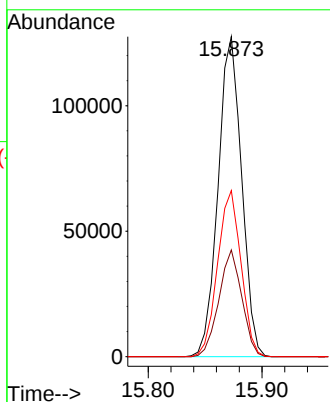
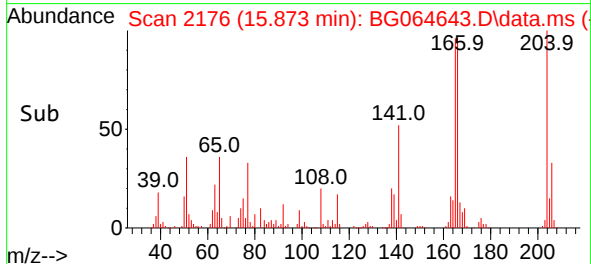
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:204 Resp: 183472
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 51.9 40.6 60.8

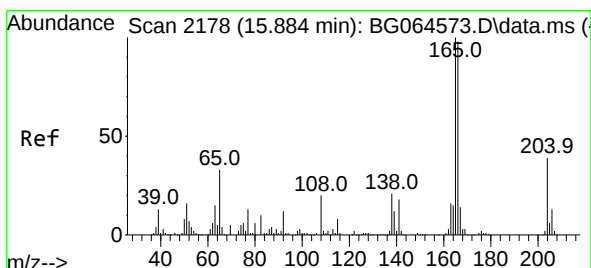
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Supervised By :mohammad ahmed 11/05/2025

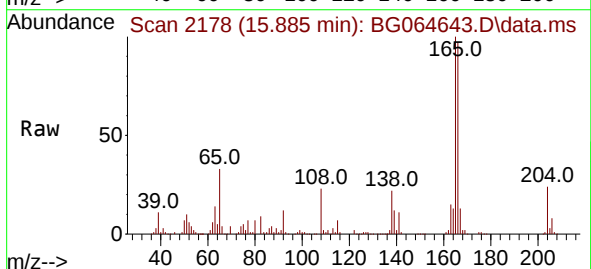


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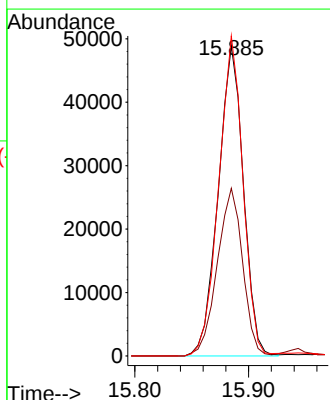
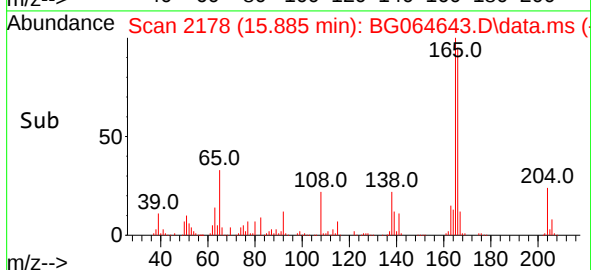
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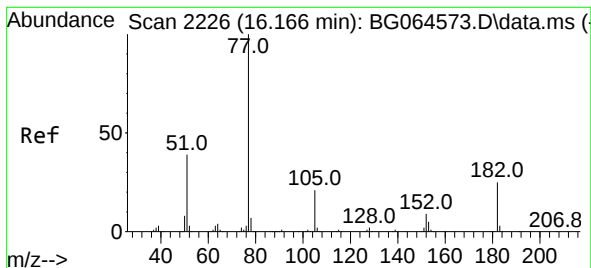


#62
4-Nitroaniline
Concen: 65.855 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:138 Resp: 75171
Ion Ratio Lower Upper
138 100
92 54.1 36.1 76.1
108 103.2 75.6 115.6





#63

Azobenzene

Concen: 55.592 ng

RT: 16.167 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

Tgt Ion: 77 Resp: 31093

Ion Ratio Lower Upper

77 100

182 27.9 4.9 44.9

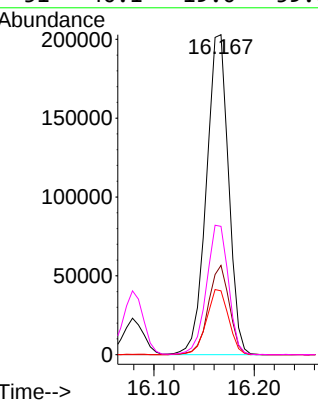
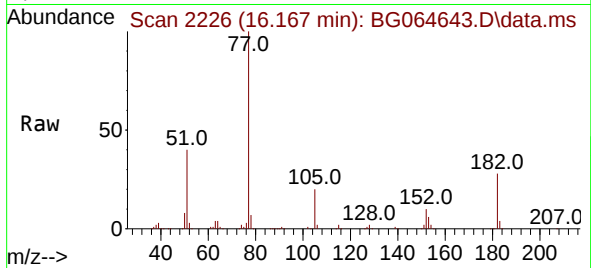
105 20.0 1.3 41.3

51 40.1 19.0 59.0

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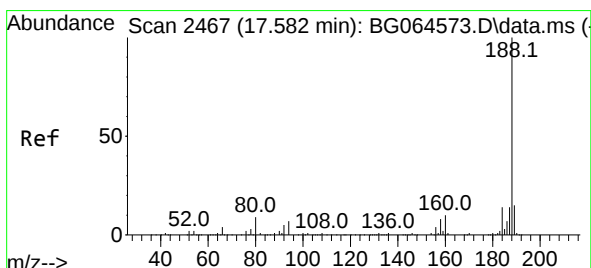
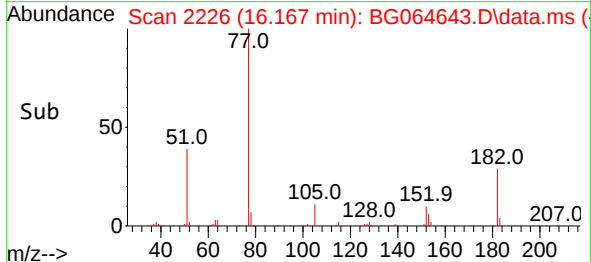
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ahmed

11/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2466

Delta R.T. -0.005 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

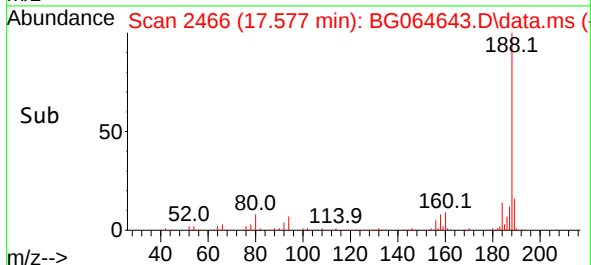
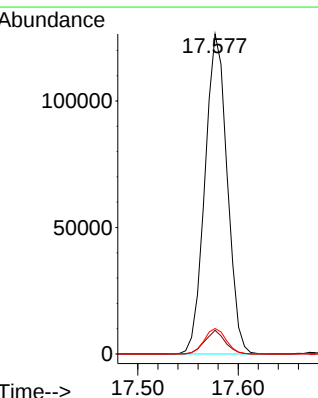
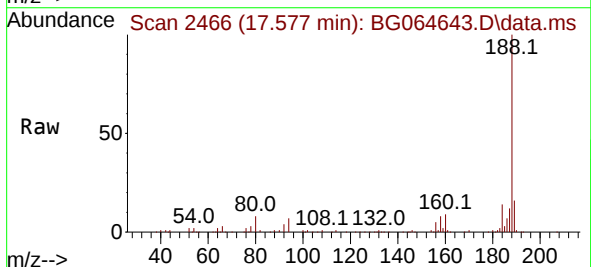
Tgt Ion:188 Resp: 194663

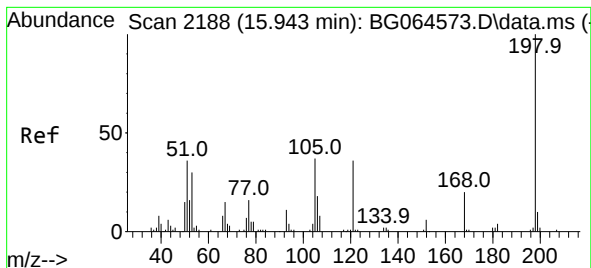
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 73.375 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

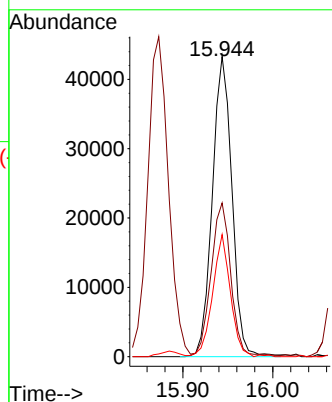
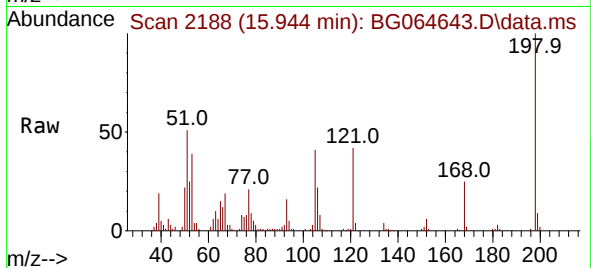
ClientSampleId :

PB170323BS

Tgt Ion:198 Resp: 6562
Ion Ratio Lower Upper
198 100
51 51.2 24.7 64.7
105 40.7 18.0 58.0

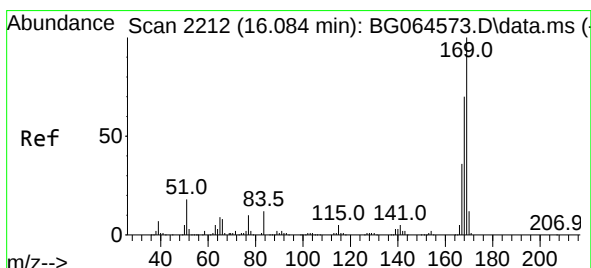
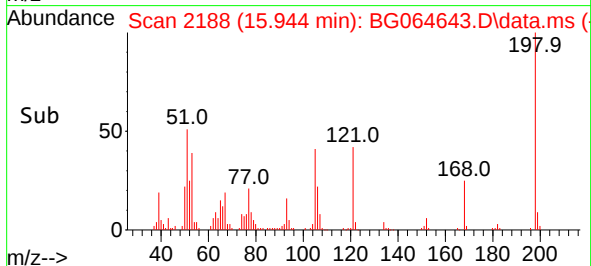
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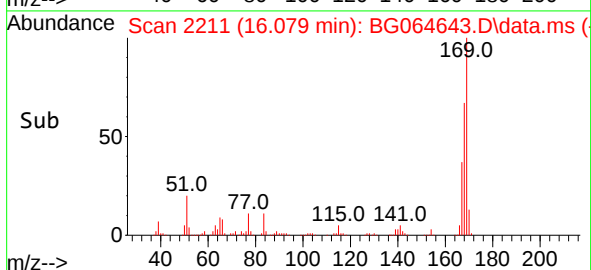
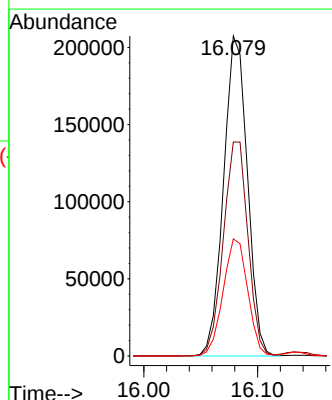
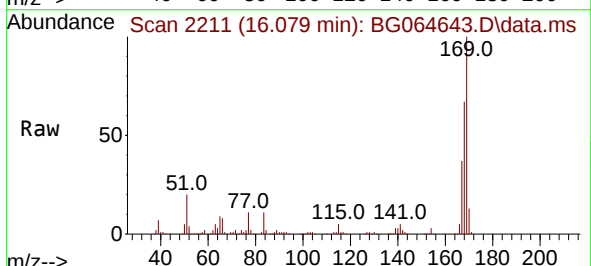
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#66
n-Nitrosodiphenylamine
Concen: 57.513 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:169 Resp: 302422
Ion Ratio Lower Upper
169 100
168 66.9 56.3 84.5
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 57.927 ng
RT: 16.766 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

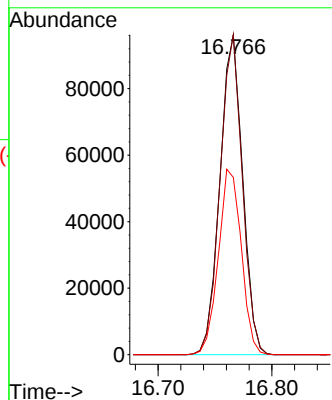
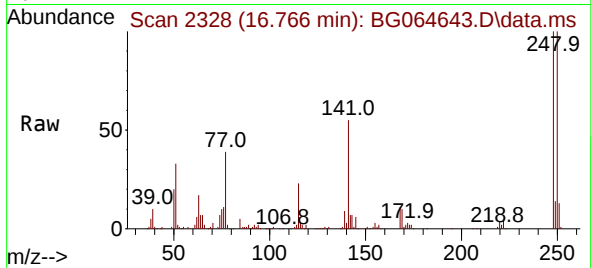
PB170323BS

Tgt Ion:248 Resp: 133628
Ion Ratio Lower Upper
248 100
250 100.2 77.7 116.5
141 55.5 48.6 72.8

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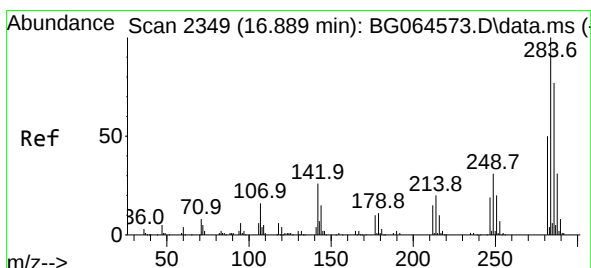
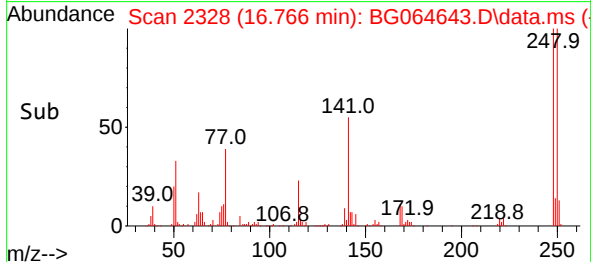
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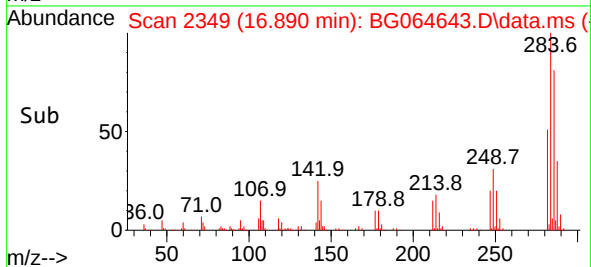
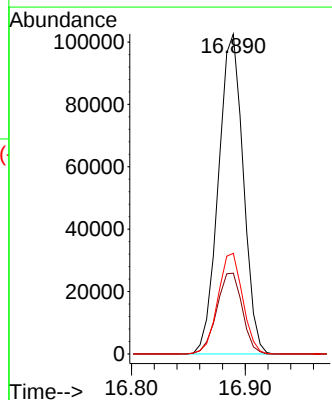
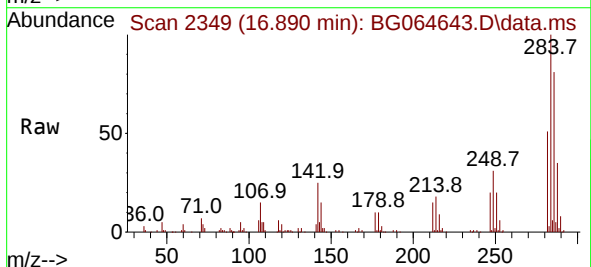
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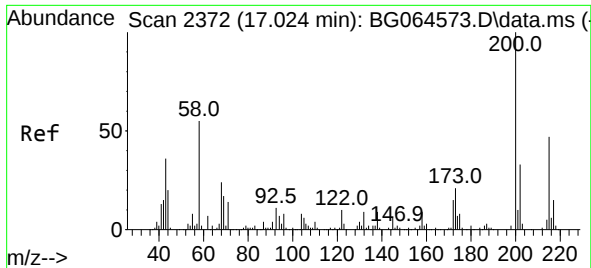
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#68
Hexachlorobenzene
Concen: 59.118 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

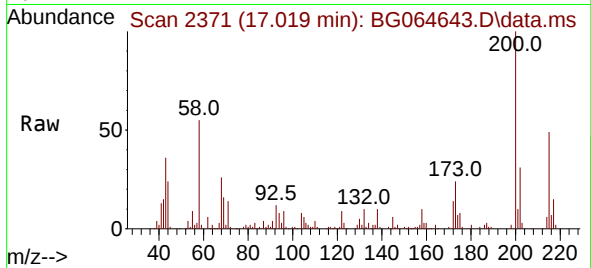
Tgt Ion:284 Resp: 155583
Ion Ratio Lower Upper
284 100
142 25.3 21.0 31.6
249 33.7 24.9 37.3





#69
 Atrazine
 Concen: 60.525 ng
 RT: 17.019 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

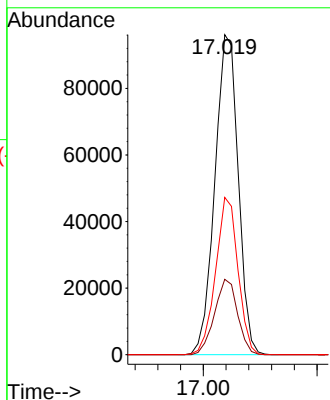
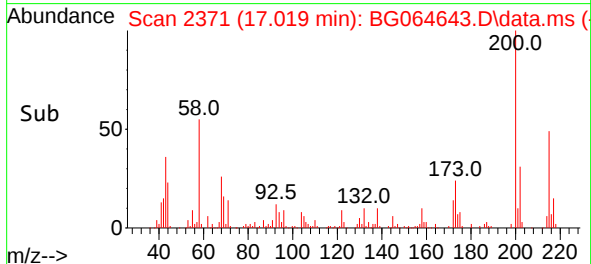
Instrument :
 BNA_G
 ClientSampleId :
 PB170323BS



Tgt Ion:200 Resp: 13696
 Ion Ratio Lower Upper
 200 100
 173 23.6 0.9 40.9
 215 49.2 27.0 67.0

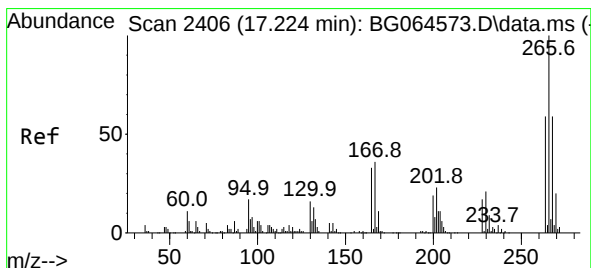
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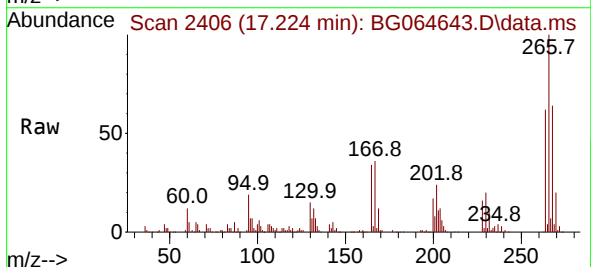


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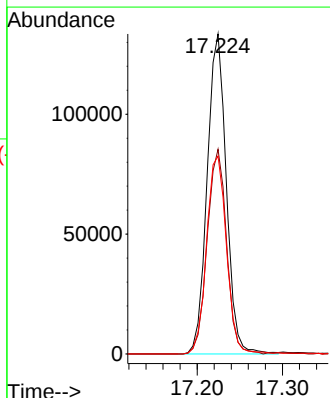
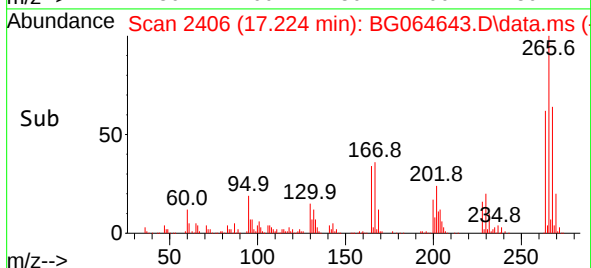
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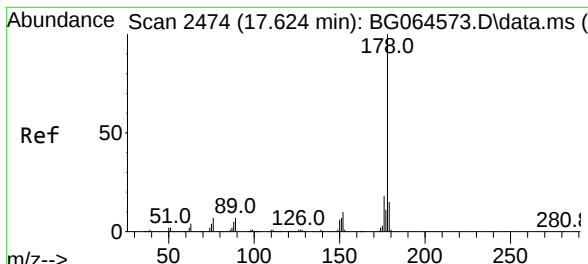


#70
 Pentachlorophenol
 Concen: 127.097 ng
 RT: 17.224 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23



Tgt Ion:266 Resp: 208579
 Ion Ratio Lower Upper
 266 100
 268 68.1 50.3 75.5
 264 61.9 47.3 70.9





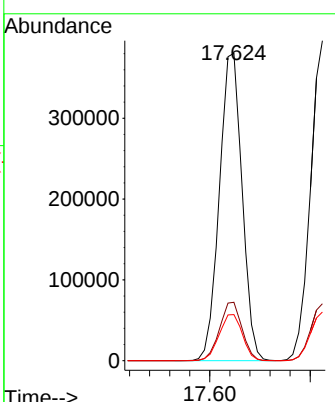
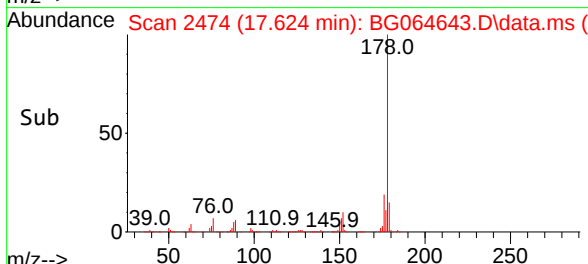
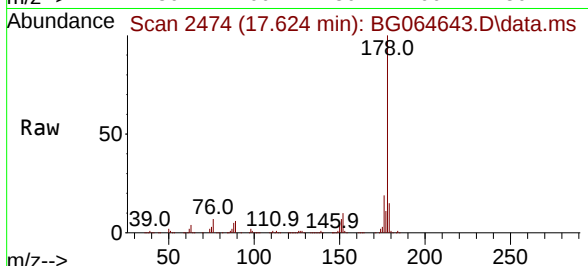
#71
 Phenanthrene
 Concen: 56.120 ng
 RT: 17.624 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

Instrument : BNA_G
 ClientSampleId : PB170323BS

Tgt Ion:178 Resp: 597420

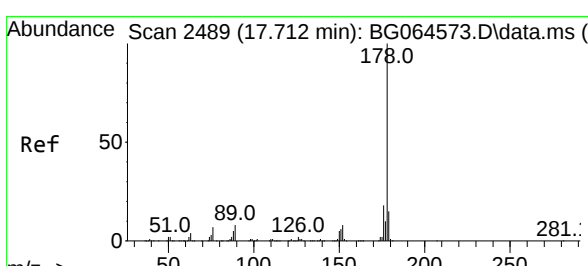
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.0	12.2	18.4

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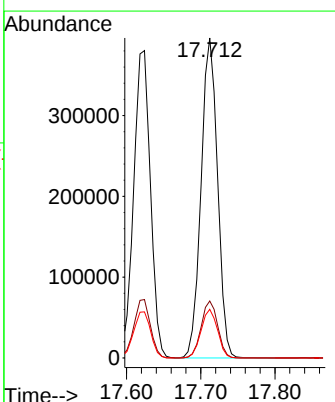
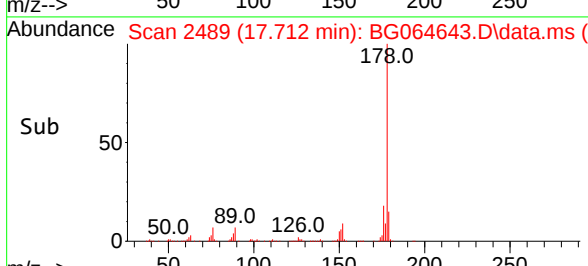
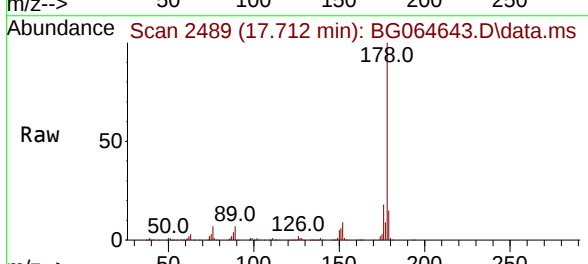
11/05/2025

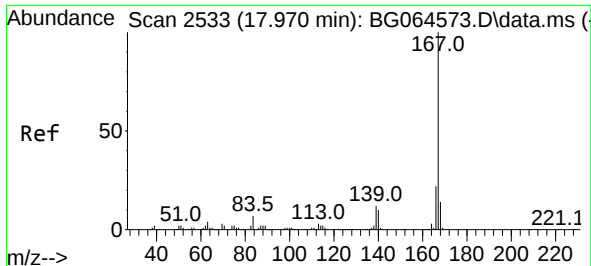


#72
 Anthracene
 Concen: 56.526 ng
 RT: 17.712 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

Tgt Ion:178 Resp: 612114

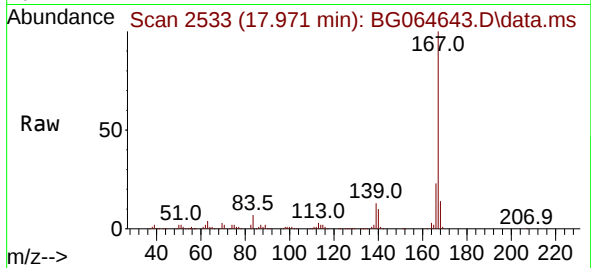
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.2	12.4	18.6





#73
 Carbazole
 Concen: 56.922 ng
 RT: 17.971 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

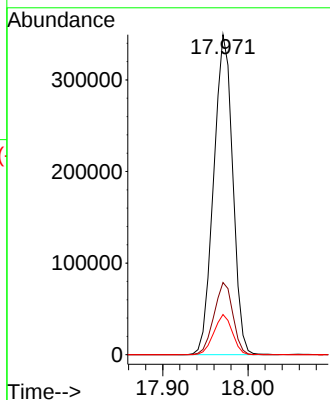
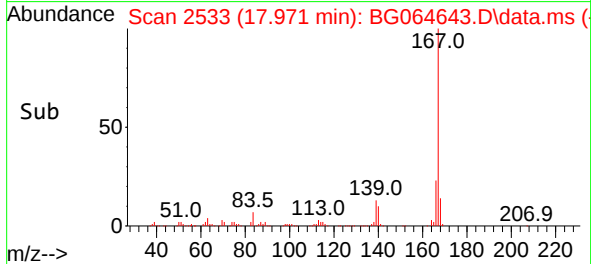
Instrument :
 BNA_G
 ClientSampleId :
 PB170323BS



Tgt Ion:167 Resp: 543549
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 12.6 9.7 14.5

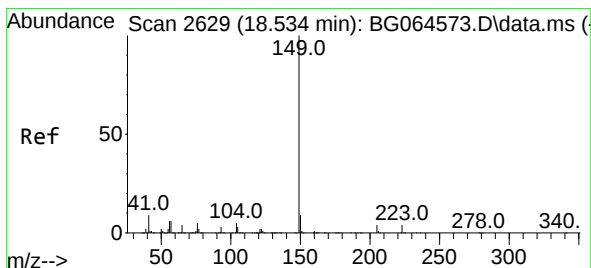
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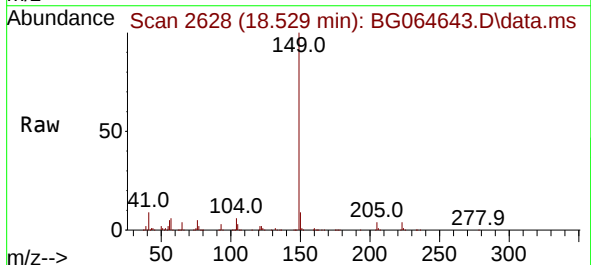


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 ahmed

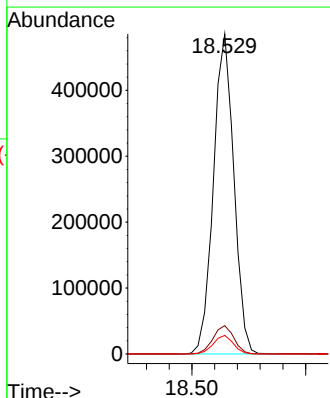
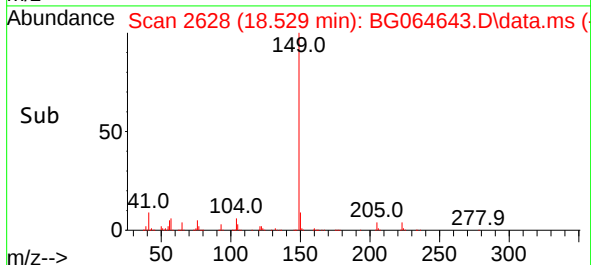
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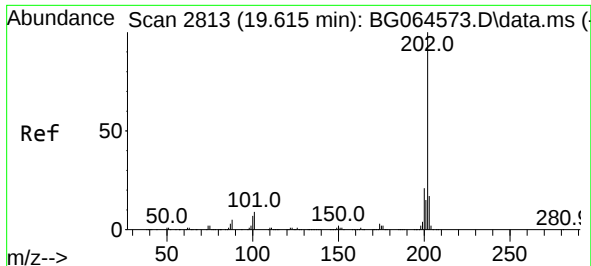


#74
 Di-n-butylphthalate
 Concen: 54.873 ng
 RT: 18.529 min Scan# 2628
 Delta R.T. -0.005 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23



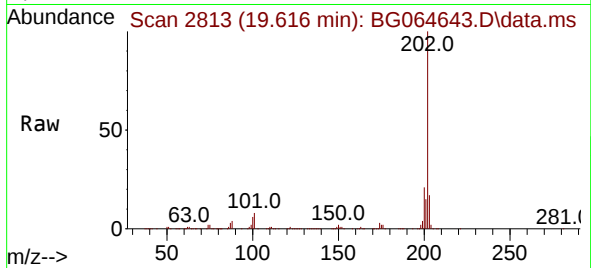
Tgt Ion:149 Resp: 605926
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.8 4.1 6.1





#75
Fluoranthene
Concen: 57.835 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

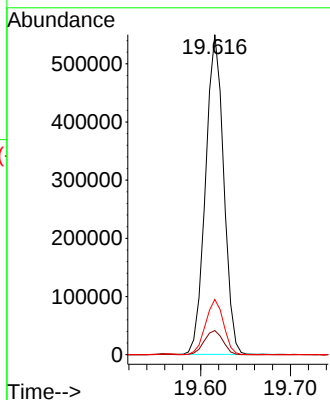
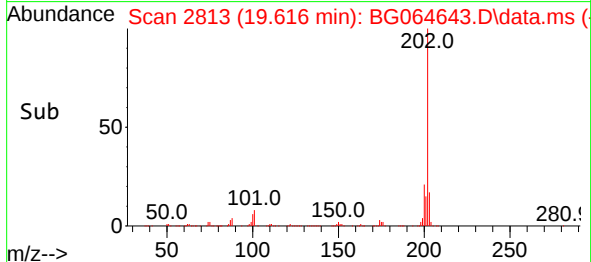
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:202 Resp: 77127
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.7
203 17.3 0.0 37.0

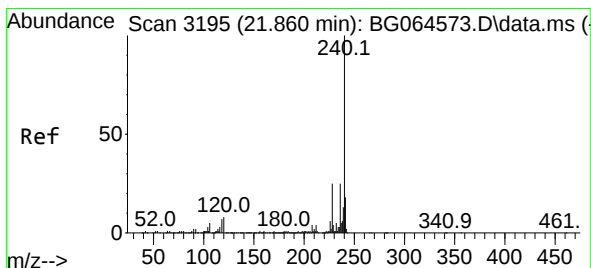
Manual Integrations
APPROVED

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



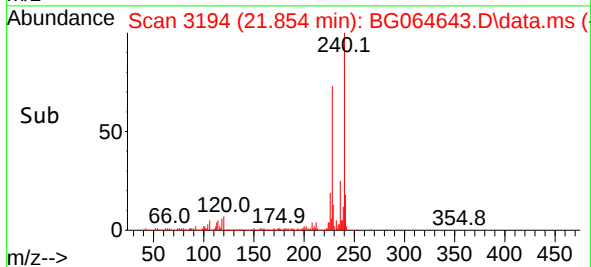
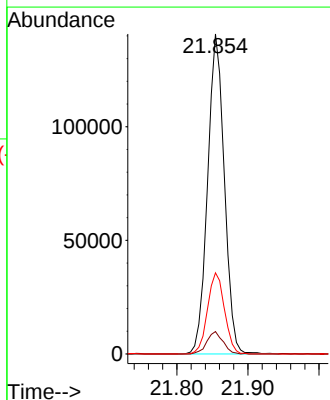
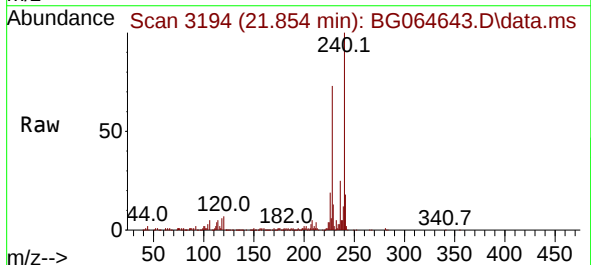
11/04/2025
Supervised By :mohammad
ahmed

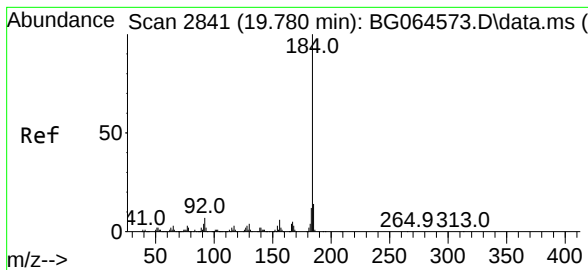
11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Tgt Ion:240 Resp: 231082
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 25.4 20.2 30.2





#77
Benzidine
Concen: 42.355 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

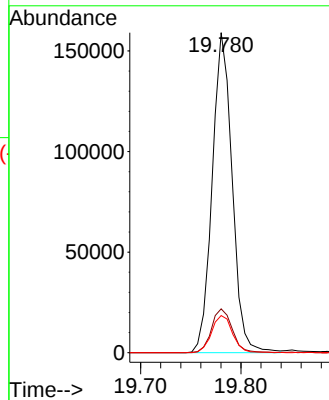
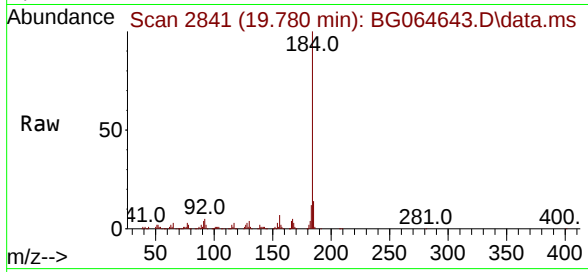
PB170323BS

Tgt Ion:184 Resp: 219280
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 11.6 9.4 14.2

Manual Integrations

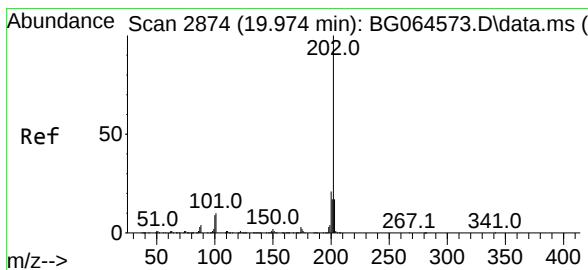
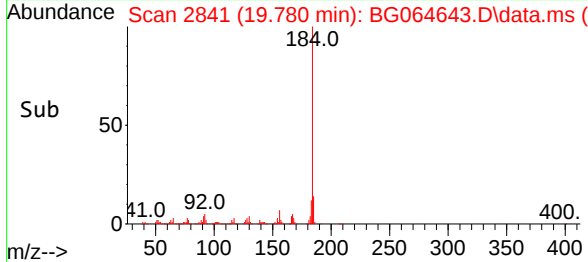
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Supervised By :mohammad ahmed 11/05/2025



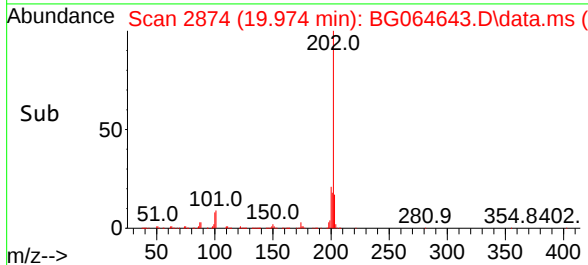
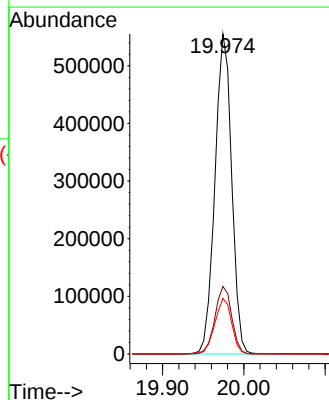
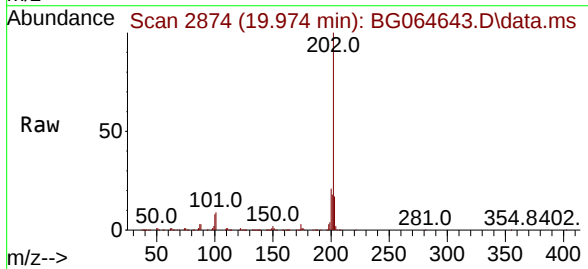
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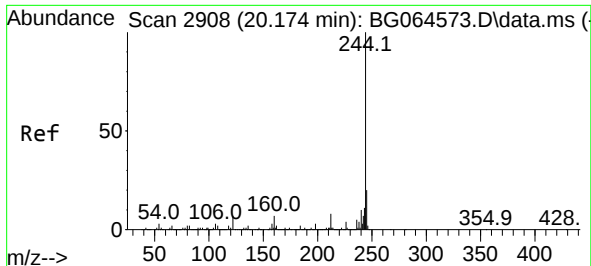
11/05/2025



#78
Pyrene
Concen: 52.615 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

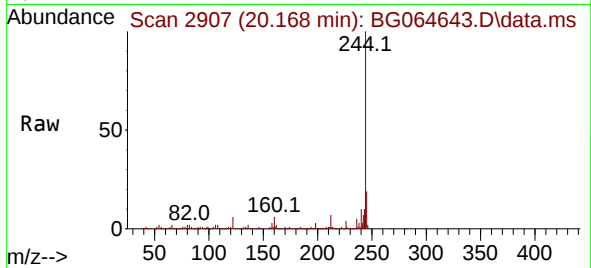
Tgt Ion:202 Resp: 794371
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 101.196 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.005 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

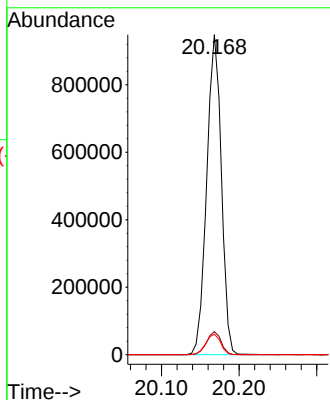
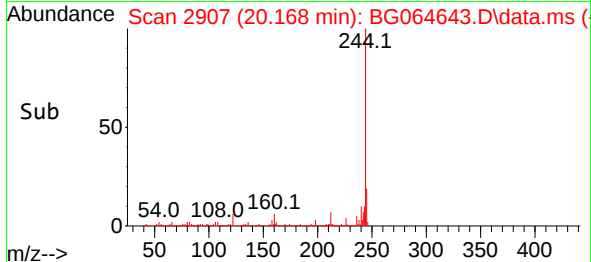
Instrument :
 BNA_G
 ClientSampleId :
 PB170323BS



Tgt Ion:244 Resp: 123914
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.4 5.6 8.4

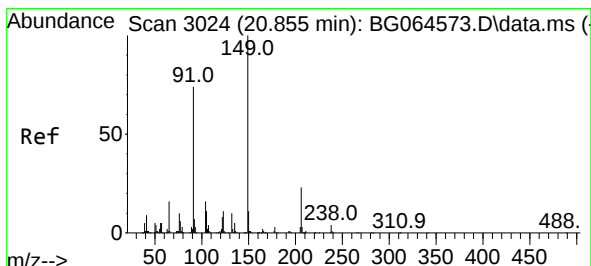
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



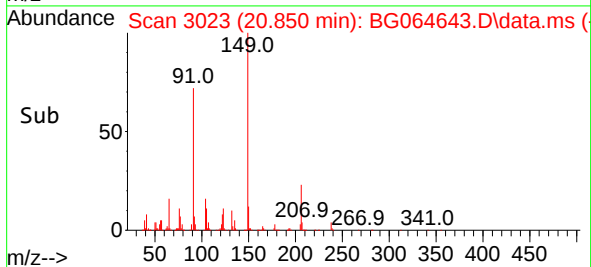
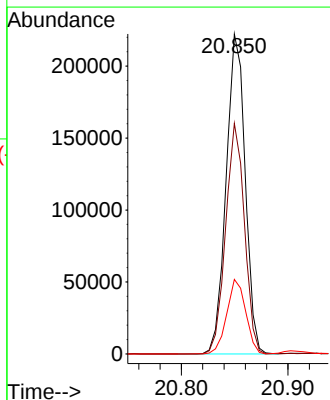
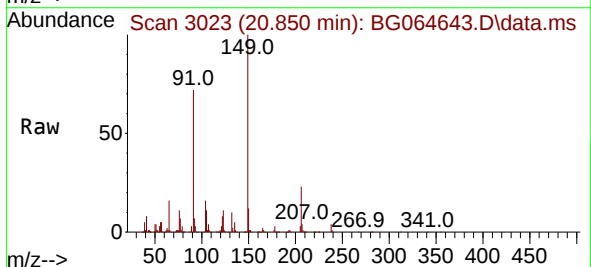
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 ahmed

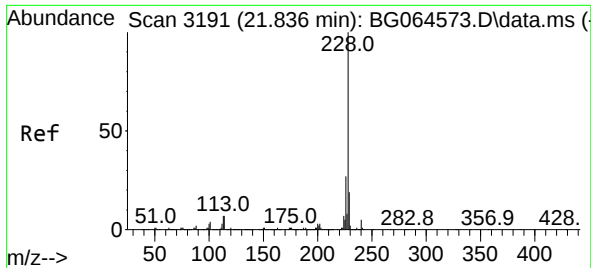
11/05/2025



#80
 Butylbenzylphthalate
 Concen: 60.578 ng
 RT: 20.850 min Scan# 3023
 Delta R.T. -0.006 min
 Lab File: BG064643.D
 Acq: 30 Oct 2025 16:23

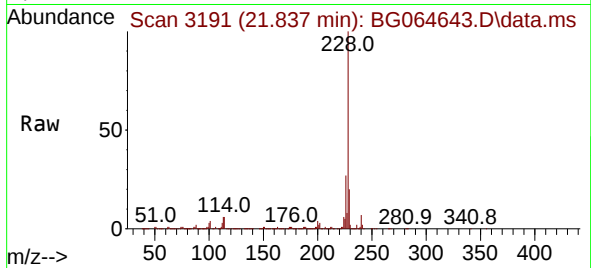
Tgt Ion:149 Resp: 276421
 Ion Ratio Lower Upper
 149 100
 91 72.0 59.2 88.8
 206 23.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 57.187 ng
RT: 21.837 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

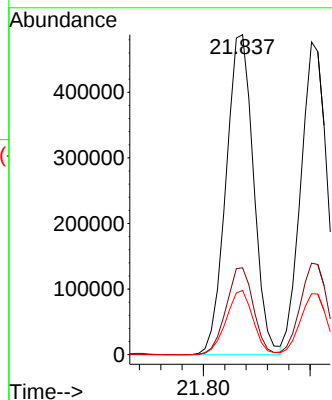
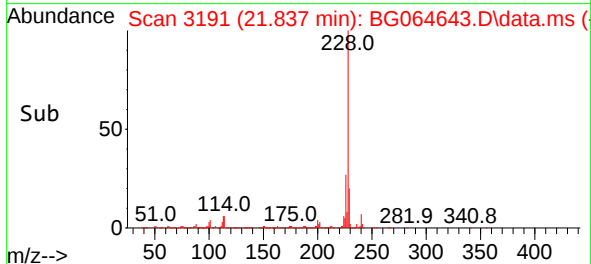
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:228 Resp: 87621
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 15.6 23.4

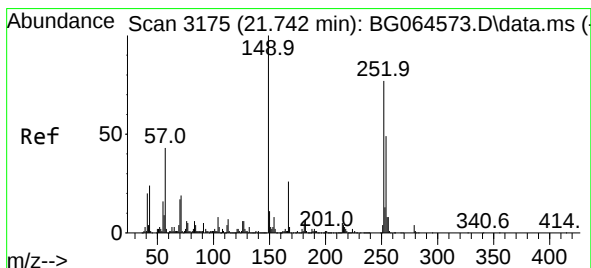
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

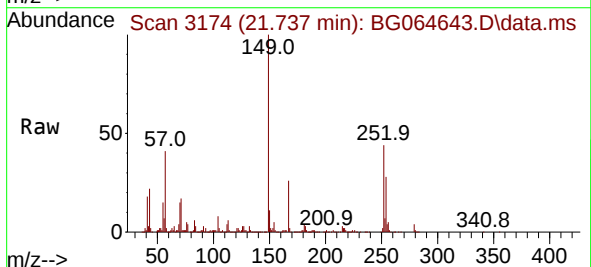


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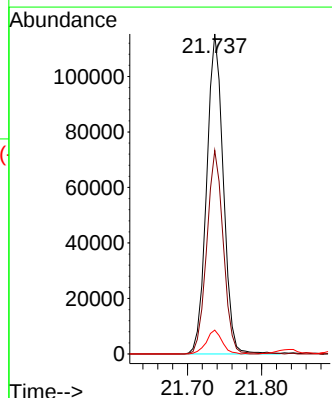
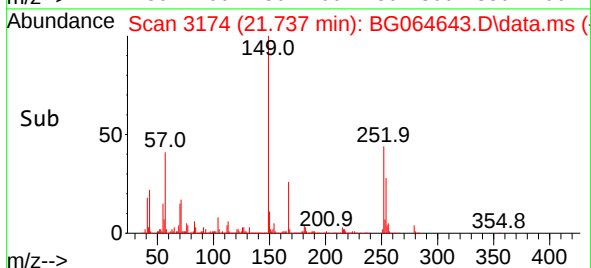
11/05/2025

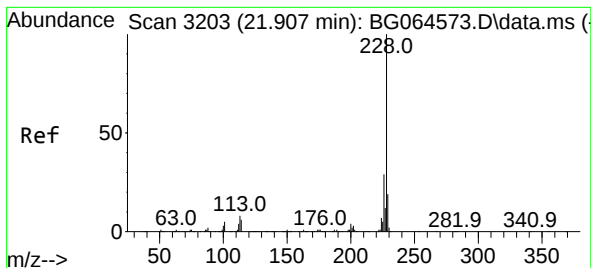


#82
3,3'-Dichlorobenzidine
Concen: 35.120 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:252 Resp: 179691
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 7.5 5.8 8.6





#83

Chrysene

Concen: 55.812 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

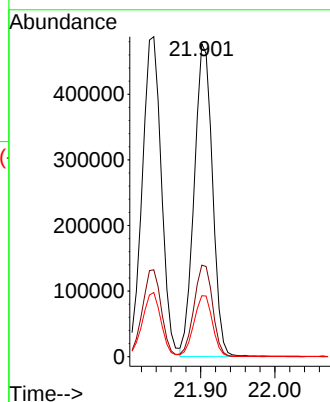
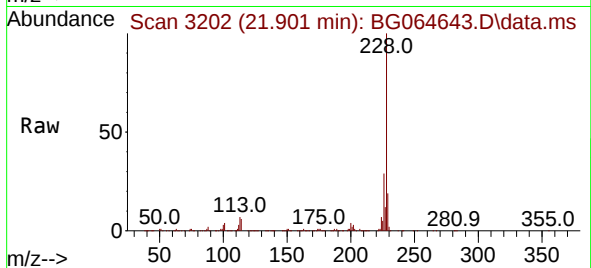
Tgt Ion:228 Resp: 81369

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	19.5	15.2	22.8

Manual Integrations

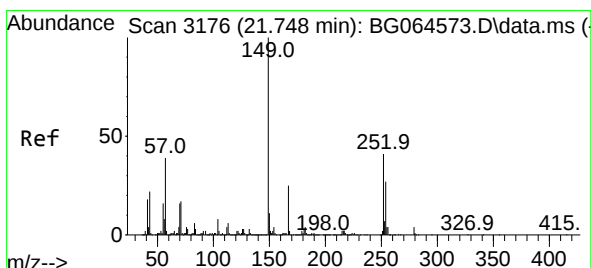
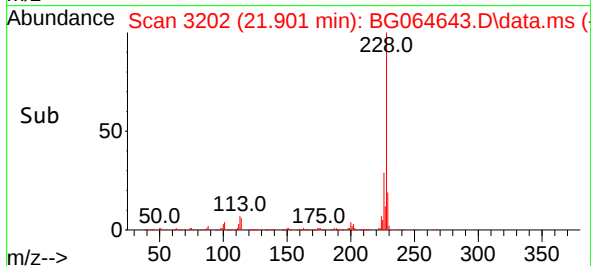
APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.600 ng

RT: 21.743 min Scan# 3175

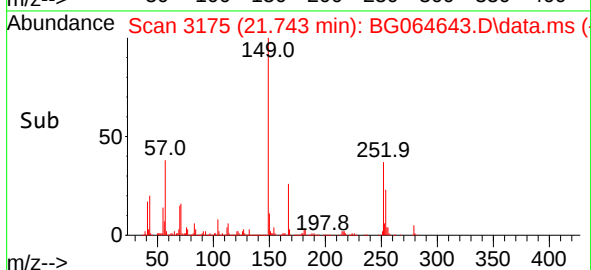
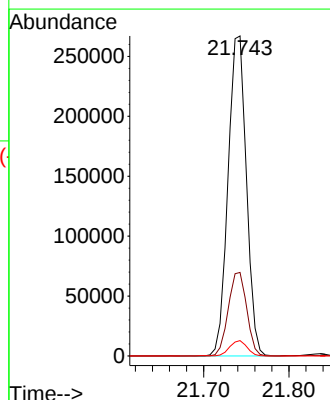
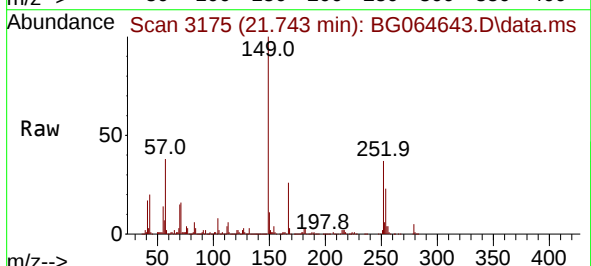
Delta R.T. -0.005 min

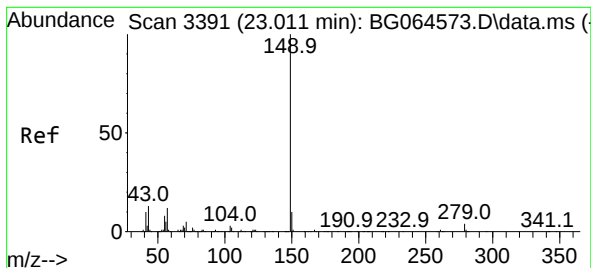
Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Tgt Ion:149 Resp: 399553

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.0	30.0
279	4.8	3.1	4.7#





#85

Di-n-octyl phthalate

Concen: 61.560 ng

RT: 23.000 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

Tgt Ion:149 Resp: 70766

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

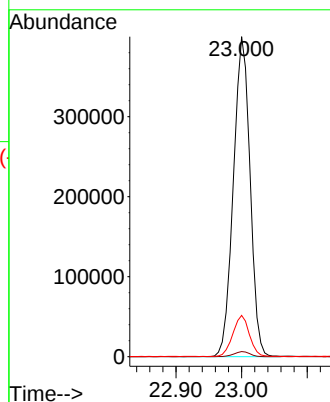
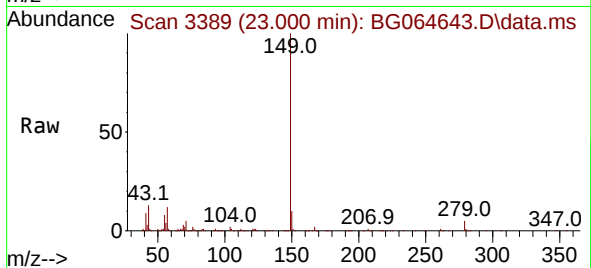
43 12.7 10.8 16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025

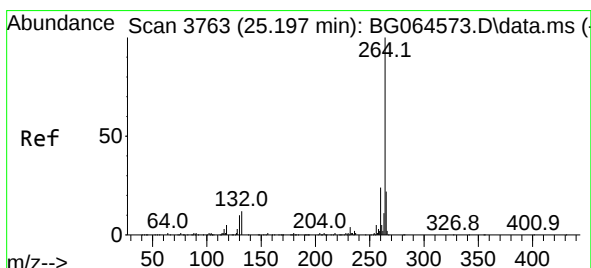
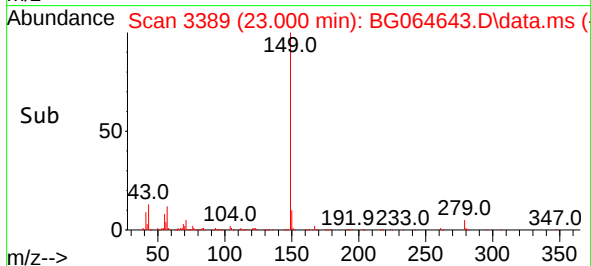
Supervised By :mohammad ahmed 11/05/2025



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Supervised By :mohammad
ahmed

11/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.197 min Scan# 3763

Delta R.T. 0.000 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

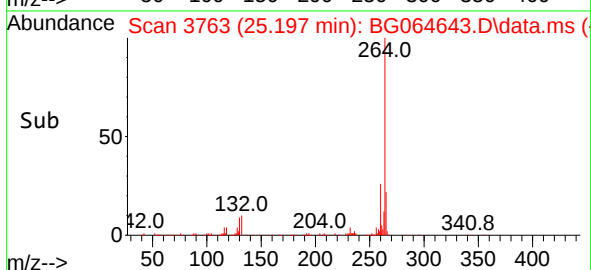
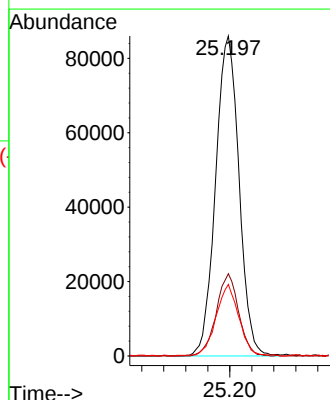
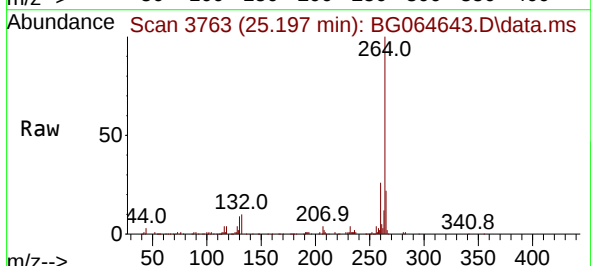
Tgt Ion:264 Resp: 254409

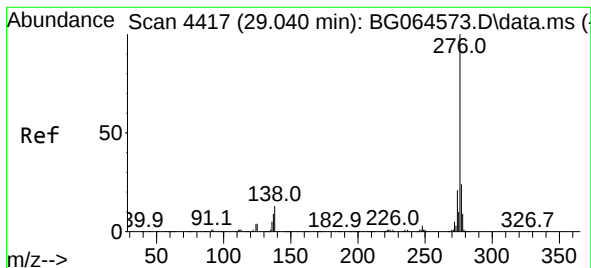
Ion Ratio Lower Upper

264 100

260 25.7 19.0 28.4

265 22.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.014 ng

RT: 29.034 min Scan# 4417

Delta R.T. -0.005 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

Tgt Ion:276 Resp: 1085740

Ion Ratio Lower Upper

276 100

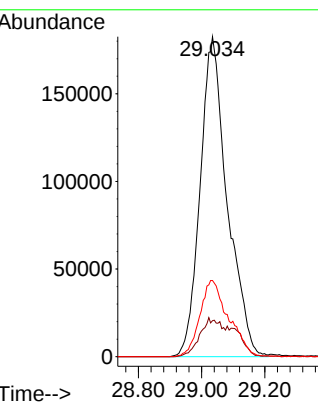
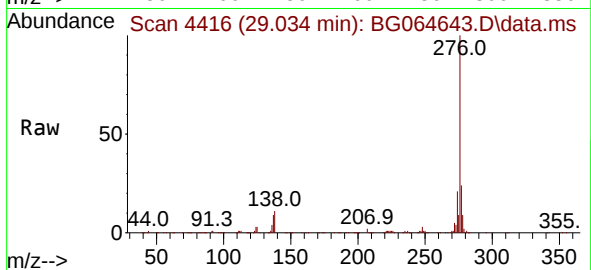
138 9.9 10.8 16.2

277 25.4 20.1 30.1

Manual Integrations

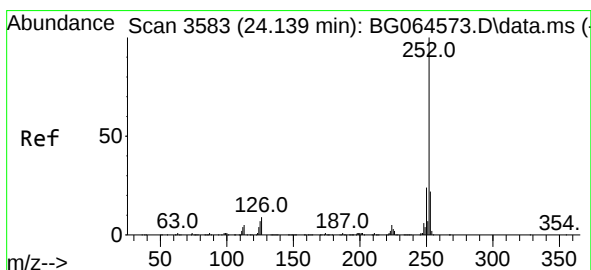
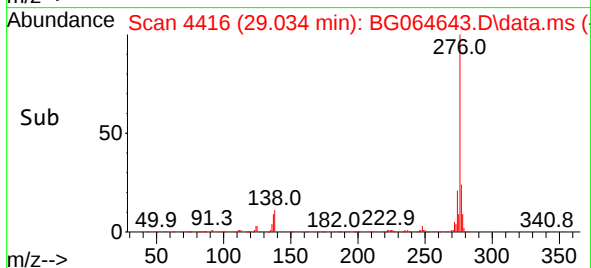
APPROVED

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



11/04/2025
Supervised By :mohammad
ahmed

11/05/2025



#88

Benzo(b)fluoranthene

Concen: 56.887 ng

RT: 24.140 min Scan# 3583

Delta R.T. 0.000 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

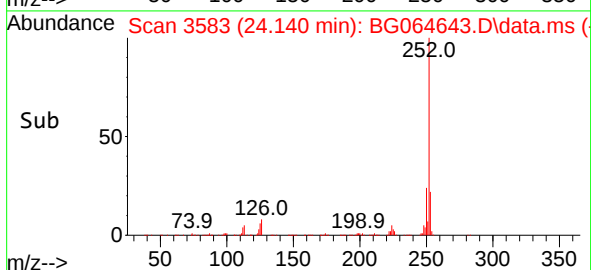
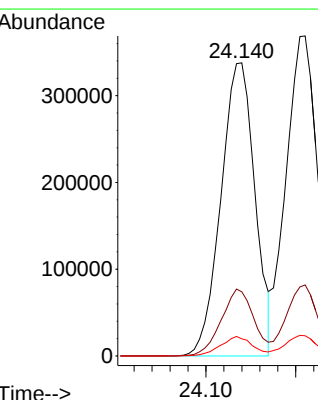
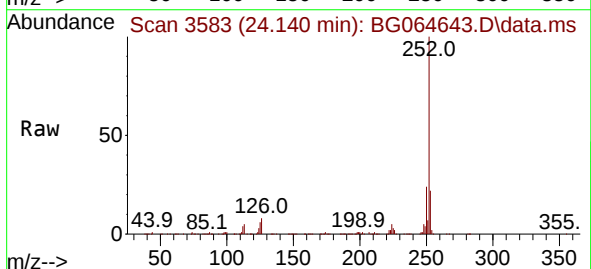
Tgt Ion:252 Resp: 887458

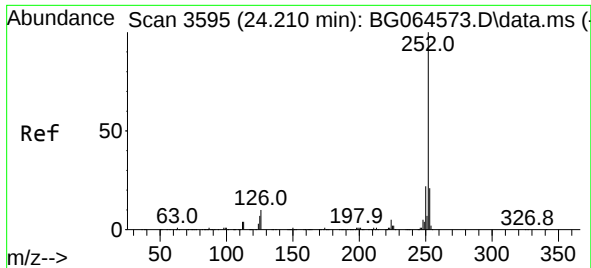
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

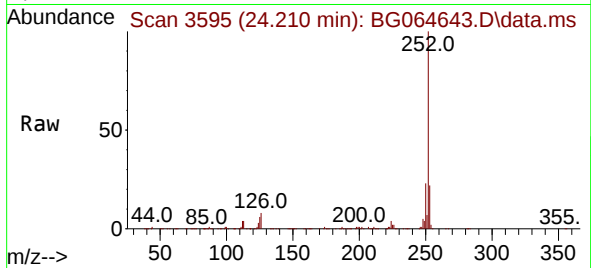
125 5.9 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 58.287 ng
RT: 24.210 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23

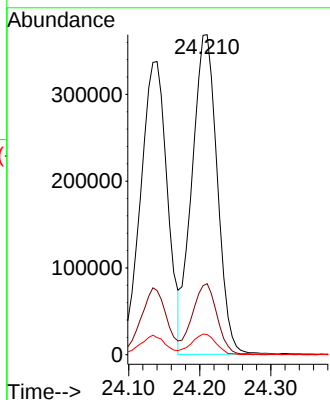
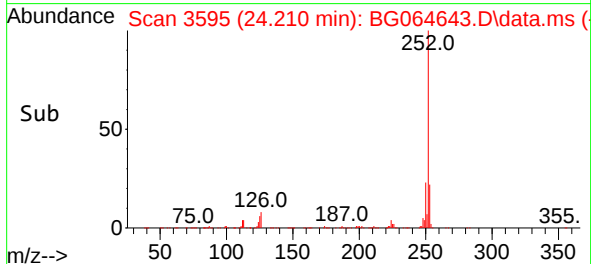
Instrument :
BNA_G
ClientSampleId :
PB170323BS



Tgt Ion:252 Resp: 909914
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 6.3 5.4 8.0

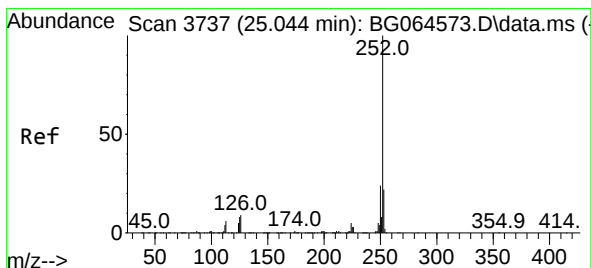
Manual Integrations
APPROVED

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

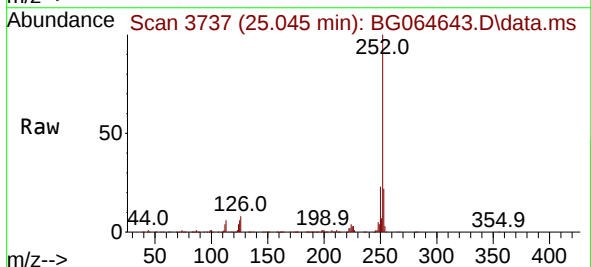


11/04/2025
Supervised By :mohammad
ahmed

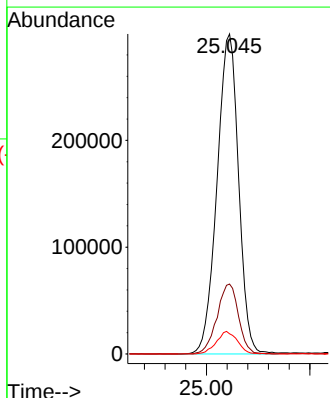
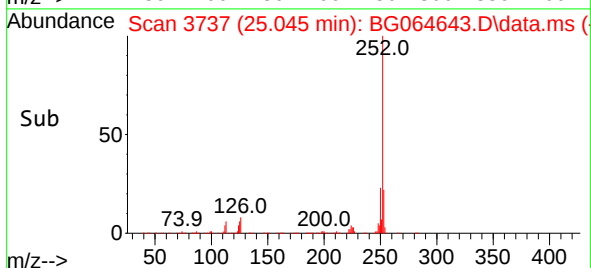
11/05/2025

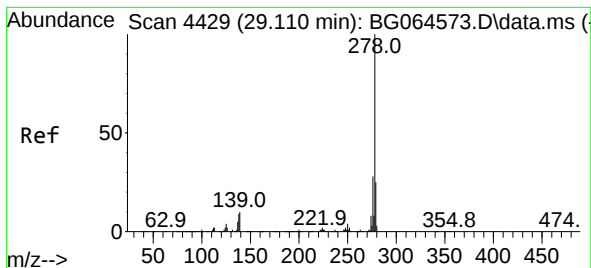


#90
Benzo(a)pyrene
Concen: 60.354 ng
RT: 25.045 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064643.D
Acq: 30 Oct 2025 16:23



Tgt Ion:252 Resp: 865478
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 6.3 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 58.949 ng

RT: 29.099 min Scan# 4429

Delta R.T. -0.011 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_G

ClientSampleId :

PB170323BS

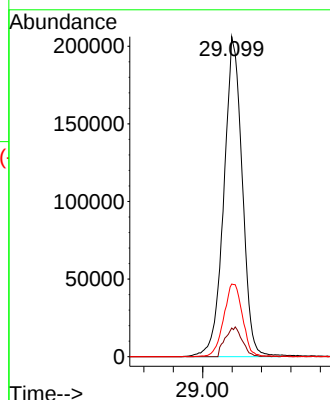
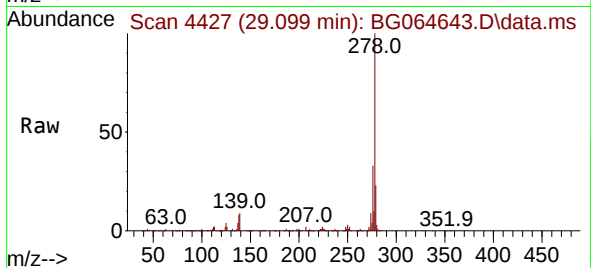
Tgt Ion:278 Resp: 896298

Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.0	12.0
279	22.7	19.8	29.6

Manual Integrations

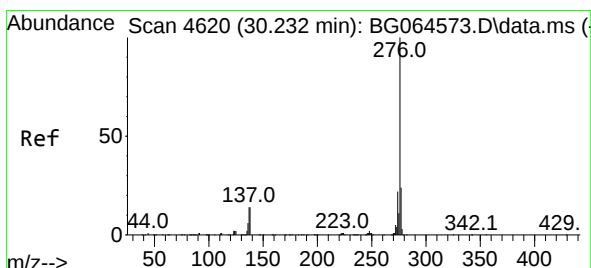
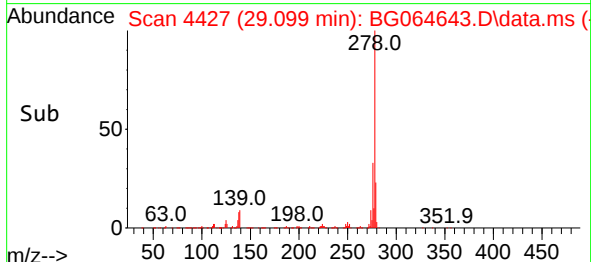
APPROVED

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



11/04/2025
Supervised By :mohammad
ahmed

11/05/2025



#92

Benzo(g,h,i)perylene

Concen: 59.338 ng

RT: 30.233 min Scan# 4620

Delta R.T. 0.000 min

Lab File: BG064643.D

Acq: 30 Oct 2025 16:23

Tgt Ion:276 Resp: 861867

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	13.1	11.3	16.9

