

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064270.D
 Acq On : 4 Sep 2025 2:43
 Operator : RC/JU
 Sample : Q2893-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 04 04:22:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	38335	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	181849	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	130052	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	263032	20.000	ng	0.00
76) Chrysene-d12	21.446	240	239724	20.000	ng	0.00
86) Perylene-d12	24.454	264	257749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	288690	135.108	ng	0.00
7) Phenol-d6	7.027	99	432761	147.423	ng	0.00
23) Nitrobenzene-d5	9.007	82	335310	102.835	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	239787	139.201	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	854433	100.280	ng	0.00
79) Terphenyl-d14	19.836	244	1174894	102.253	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	4182	4.696	ng	91
3) Pyridine	3.755	79	10477	3.996	ng	# 58
4) n-Nitrosodimethylamine	3.666	42	7971	4.597	ng	# 90
6) Aniline	7.180	93	19013	4.684	ng	# 92
8) 2-Chlorophenol	7.421	128	11549	4.423	ng	86
9) Benzaldehyde	6.992	77	11330	4.690	ng	# 89
10) Phenol	7.051	94	14263	4.407	ng	92
11) bis(2-Chloroethyl)ether	7.280	93	10801	4.441	ng	91
12) 1,3-Dichlorobenzene	7.744	146	12889	4.640	ng	95
13) 1,4-Dichlorobenzene	7.891	146	12862m	4.588	ng	
14) 1,2-Dichlorobenzene	8.202	146	13100	4.842	ng	93
15) Benzyl Alcohol	8.085	79	12300	4.540	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.378	45	22943	4.132	ng	94
17) 2-Methylphenol	8.290	107	10120	4.196	ng	# 86
18) Hexachloroethane	8.931	117	4804	4.390	ng	89
19) n-Nitroso-di-n-propyla...	8.655	70	10427	4.641	ng	# 93
20) 3+4-Methylphenols	8.619	107	13946	4.161	ng	89
22) Acetophenone	8.666	105	21140	4.595	ng	# 97
24) Nitrobenzene	9.048	77	16350	4.799	ng	# 97
25) Isophorone	9.565	82	29936	4.417	ng	97
26) 2-Nitrophenol	9.759	139	6260	4.253	ng	# 75
27) 2,4-Dimethylphenol	9.818	122	11639	4.503	ng	92
28) bis(2-Chloroethoxy)met...	10.053	93	15954	4.366	ng	98
29) 2,4-Dichlorophenol	10.294	162	11241	4.122	ng	92
30) 1,2,4-Trichlorobenzene	10.505	180	13655	4.749	ng	93
31) Naphthalene	10.688	128	41392	4.389	ng	# 95
32) Benzoic acid	9.912	122	3712m	1.809	ng	
33) 4-Chloroaniline	10.799	127	16803	4.597	ng	93
34) Hexachlorobutadiene	10.975	225	9881	4.649	ng	95
35) Caprolactam	11.545	113	3598	3.408	ng	94
36) 4-Chloro-3-methylphenol	11.921	107	15378	4.346	ng	92
37) 2-Methylnaphthalene	12.303	142	27788	3.964	ng	99
38) 1-Methylnaphthalene	12.521	142	30320	4.379	ng	97
40) 1,2,4,5-Tetrachloroben...	12.668	216	17275	4.604	ng	97
41) Hexachlorocyclopentadiene	12.656	237	8337	4.675	ng	90
43) 2,4,6-Trichlorophenol	12.908	196	10617	4.233	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	12105	4.449	ng	# 92
46) 1,1'-Biphenyl	13.314	154	44988	4.749	ng	91
47) 2-Chloronaphthalene	13.349	162	31624	4.441	ng	96
48) 2-Nitroaniline	13.555	65	10117	4.168	ng	95
49) Acenaphthylene	14.195	152	49763	4.727	ng	95
50) Dimethylphthalate	13.931	163	42531	4.321	ng	# 96
51) 2,6-Dinitrotoluene	14.042	165	8561	4.492	ng	97
52) Acenaphthene	14.542	154	32474	4.371	ng	98
53) 3-Nitroaniline	14.377	138	7340	3.677	ng	98
54) 2,4-Dinitrophenol	14.583	184	2814	7.752	ng	# 79
55) Dibenzofuran	14.877	168	52592	4.501	ng	92
56) 4-Nitrophenol	14.683	139	4191	2.559	ng	# 85
57) 2,4-Dinitrotoluene	14.836	165	12079	4.192	ng	# 95
58) Fluorene	15.523	166	43583	4.551	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.106	232	11141	4.258	ng	# 97
60) Diethylphthalate	15.300	149	39338	3.734	ng	98
61) 4-Chlorophenyl-phenyle...	15.517	204	20665	4.328	ng	96
62) 4-Nitroaniline	15.535	138	6306	3.096	ng	93
63) Azobenzene	15.817	77	41066	4.374	ng	96
65) 4,6-Dinitro-2-methylph...	15.594	198	6052	4.008	ng	# 75
66) n-Nitrosodiphenylamine	15.735	169	34589	4.780	ng	95
67) 4-Bromophenyl-phenylether	16.416	248	13986	5.006	ng	87
68) Hexachlorobenzene	16.528	284	15612	5.032	ng	96
69) Atrazine	16.681	200	11419	3.780	ng	93
70) Pentachlorophenol	16.874	266	6549	3.481	ng	98
71) Phenanthrene	17.256	178	64582	4.655	ng	99
72) Anthracene	17.350	178	63437	4.495	ng	99
73) Carbazole	17.615	167	48853	3.930	ng	# 91
74) Di-n-butylphthalate	18.185	149	57927	3.878	ng	99
75) Fluoranthene	19.272	202	61714	3.783	ng	97
77) Benzidine	19.448	184	23652	4.690	ng	# 91
78) Pyrene	19.630	202	64714	4.285	ng	98
80) Butylbenzylphthalate	20.529	149	25840	4.536	ng	92
81) Benzo(a)anthracene	21.428	228	71170	4.641	ng	96
82) 3,3'-Dichlorobenzidine	21.352	252	23710	4.747	ng	99
83) Chrysene	21.487	228	67388	4.577	ng	96
84) Bis(2-ethylhexyl)phtha...	21.352	149	39432	4.611	ng	97
85) Di-n-octyl phthalate	22.491	149	68462	4.594	ng	98
87) Indeno(1,2,3-cd)pyrene	27.820	276	79268	4.503	ng	# 73
88) Benzo(b)fluoranthene	23.502	252	67415	4.634	ng	97
89) Benzo(k)fluoranthene	23.561	252	66715	4.502	ng	95
90) Benzo(a)pyrene	24.307	252	65189	4.817	ng	99
91) Dibenzo(a,h)anthracene	27.891	278	64264	4.547	ng	98
92) Benzo(g,h,i)perylene	28.878	276	63867	4.644	ng	96

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

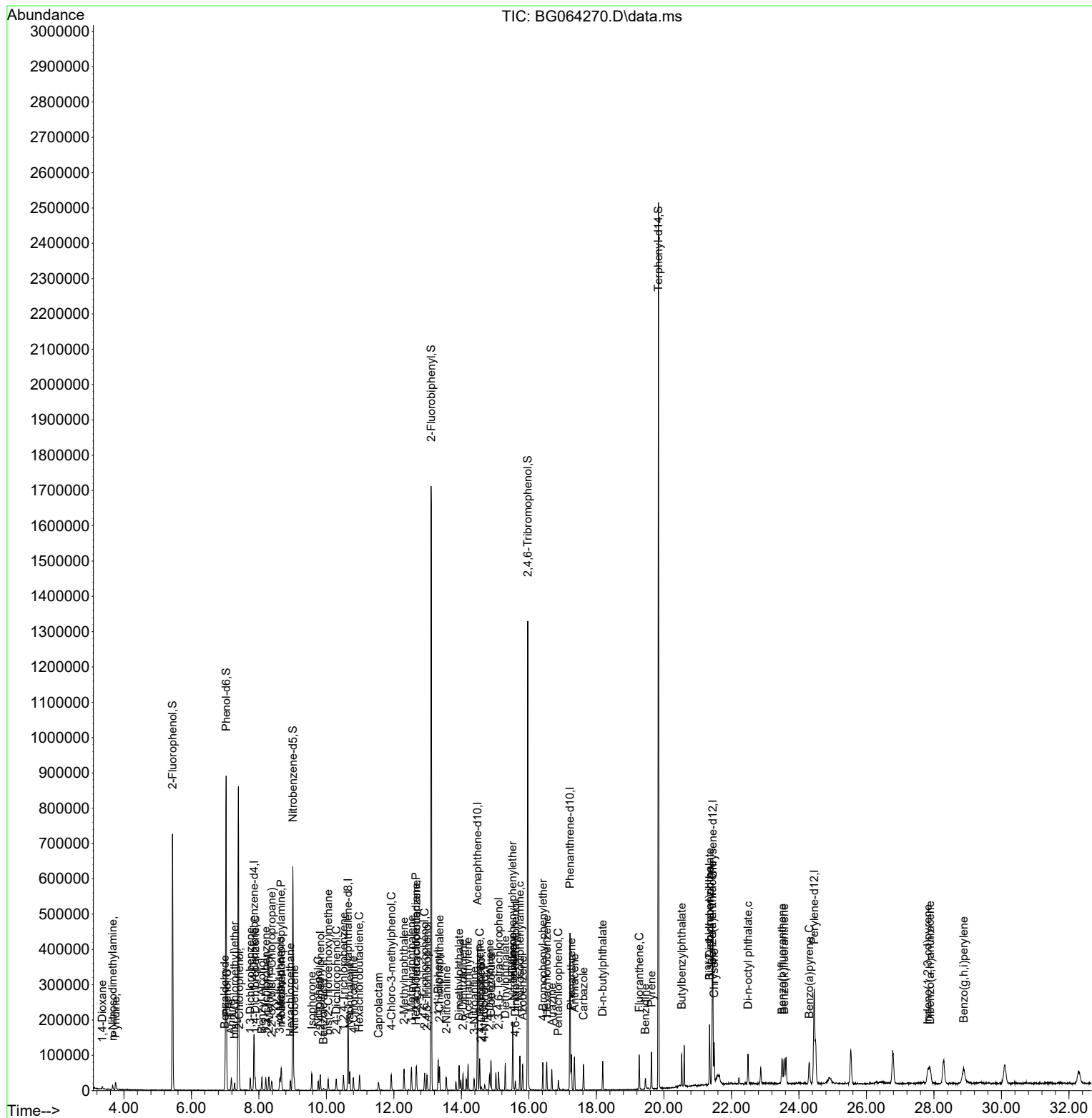
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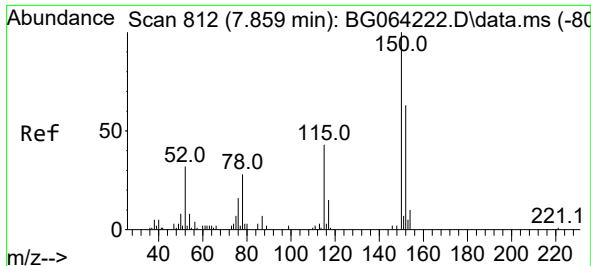
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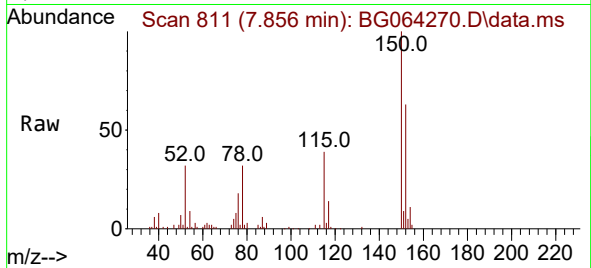
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

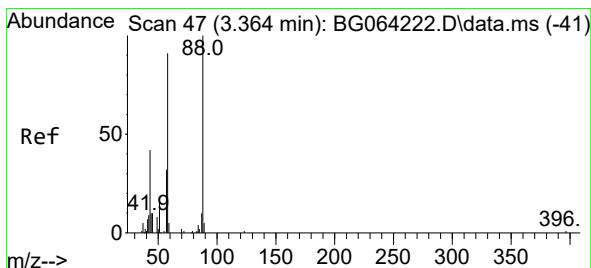
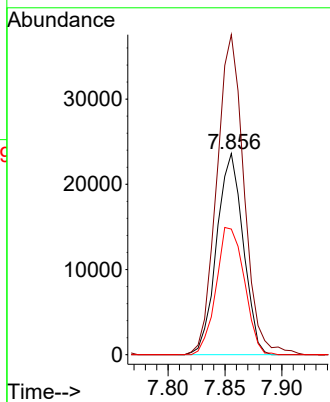
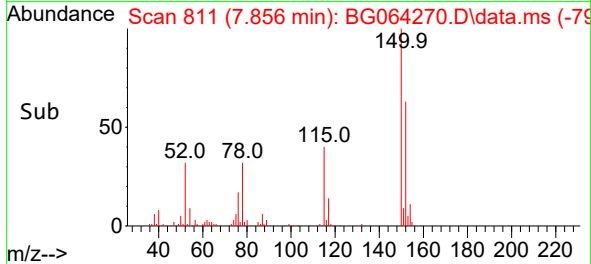
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:152 Resp: 3833
Ion Ratio Lower Upper
152 100
150 159.1 128.0 192.0
115 62.5 55.7 83.5

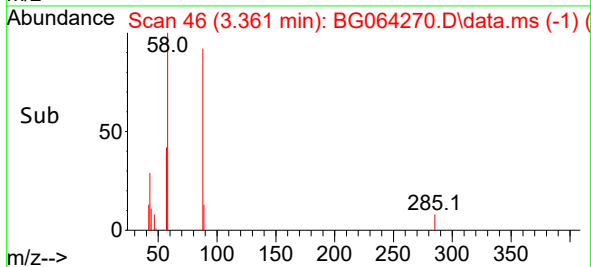
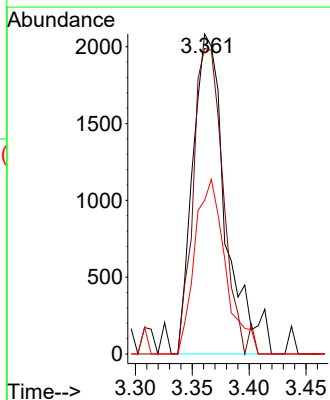
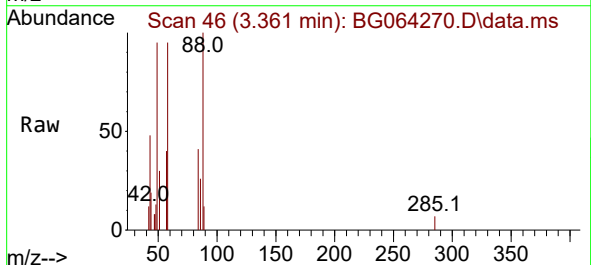
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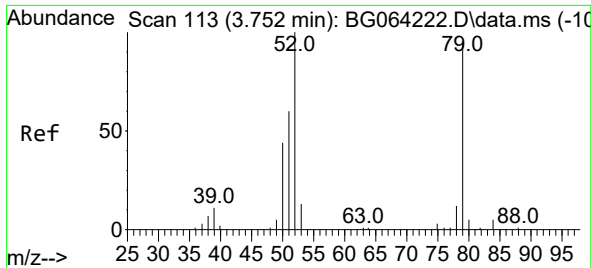
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#2
1,4-Dioxane
Concen: 4.696 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

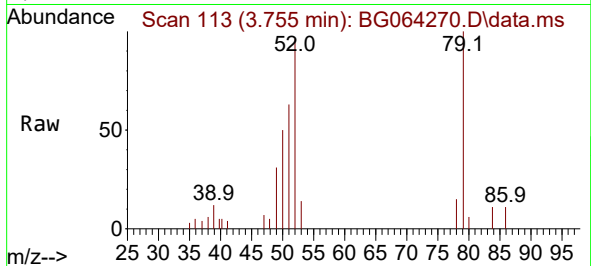
Tgt Ion: 88 Resp: 4182
Ion Ratio Lower Upper
88 100
58 87.2 80.8 121.2
43 51.1 40.3 60.5





#3
Pyridine
Concen: 3.996 ng
RT: 3.755 min Scan# 113
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

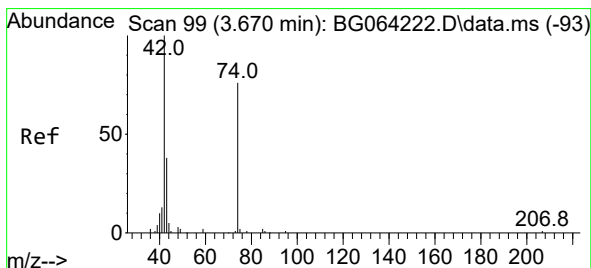
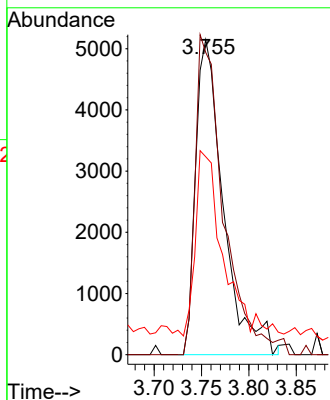
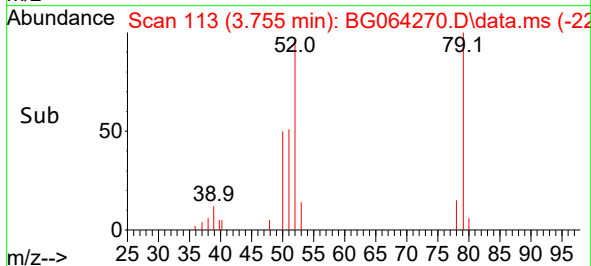
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



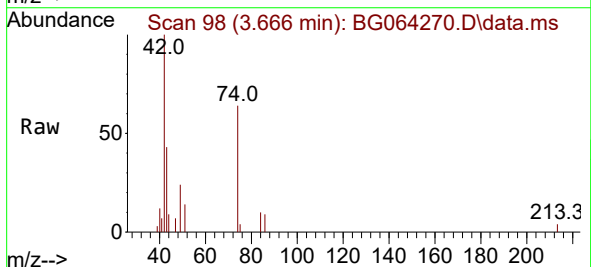
Tgt Ion: 79 Resp: 1047
Ion Ratio Lower Upper
79 100
52 96.0 86.6 129.8
51 62.8 114.1 171.1

Manual Integrations
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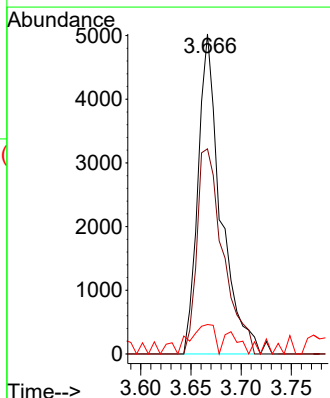
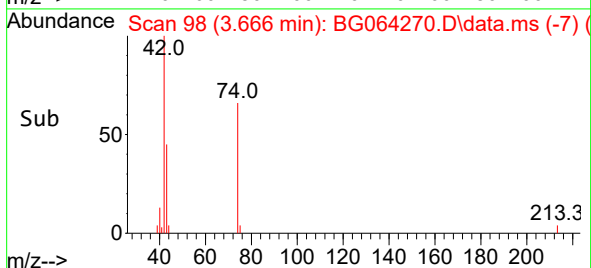
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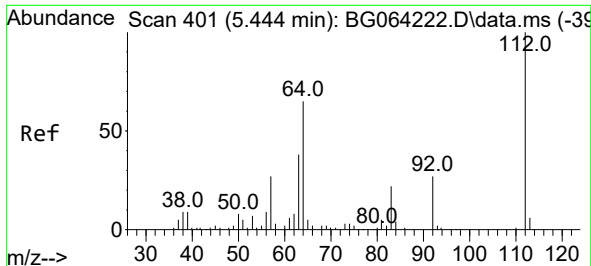


#4
n-Nitrosodimethylamine
Concen: 4.597 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



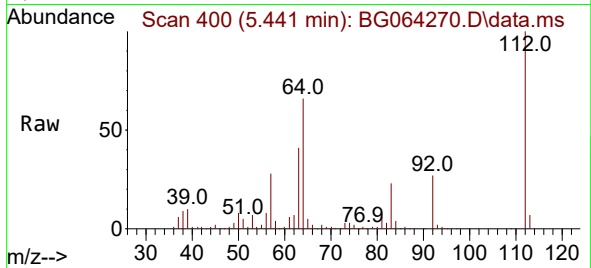
Tgt Ion: 42 Resp: 7971
Ion Ratio Lower Upper
42 100
74 64.1 58.0 87.0
44 9.2 5.5 8.3





#5
2-Fluorophenol
Concen: 135.108 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

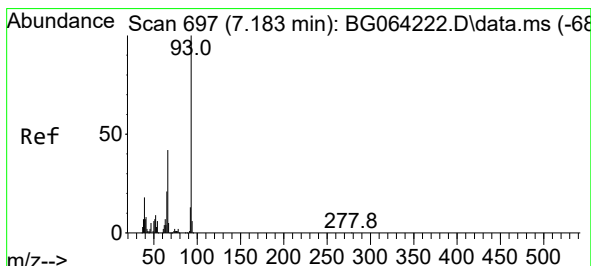
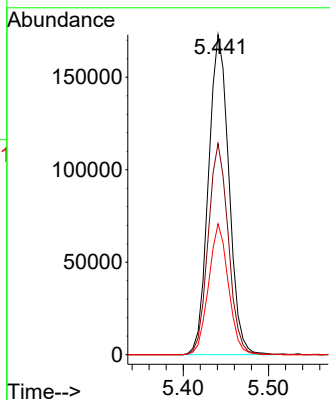
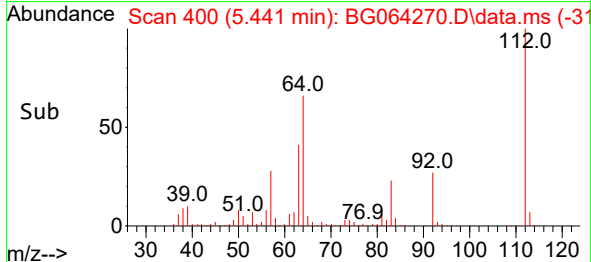
Instrument :
BNA_G
ClientSampleId :
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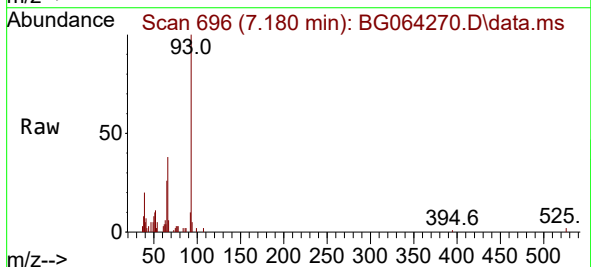
Tgt Ion:112 Resp: 288690
Ion Ratio Lower Upper
112 100
64 66.0 51.8 77.6
63 40.9 30.6 45.8

Manual Integrations
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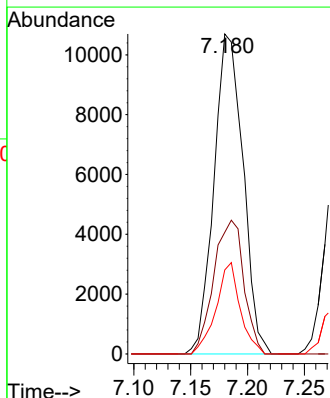
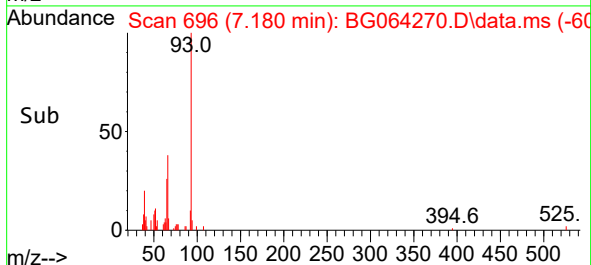
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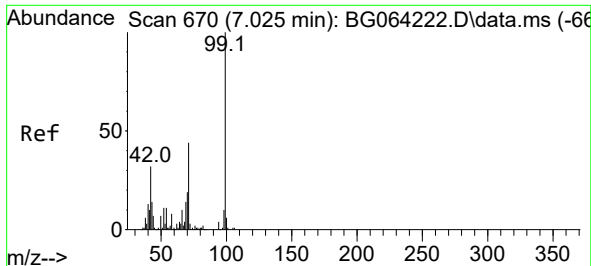


#6
Aniline
Concen: 4.684 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



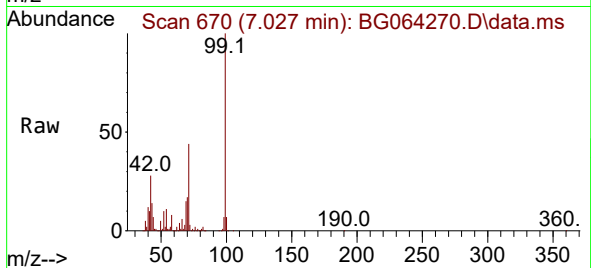
Tgt Ion: 93 Resp: 19013
Ion Ratio Lower Upper
93 100
66 38.0 33.8 50.8
65 26.2 16.9 25.3





#7
Phenol-d6
Concen: 147.423 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

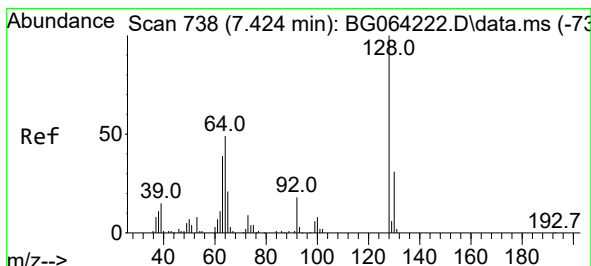
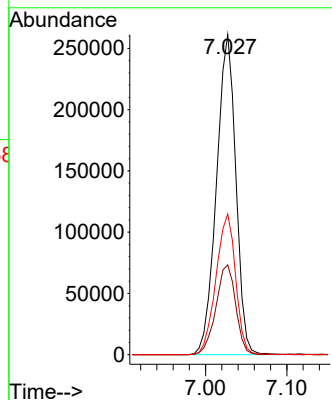
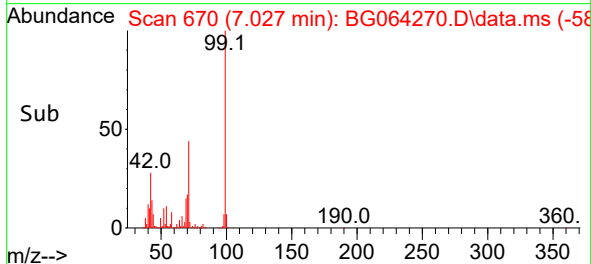
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 99 Resp: 43276
Ion Ratio Lower Upper
99 100
42 28.1 25.8 38.8
71 44.0 35.2 52.8

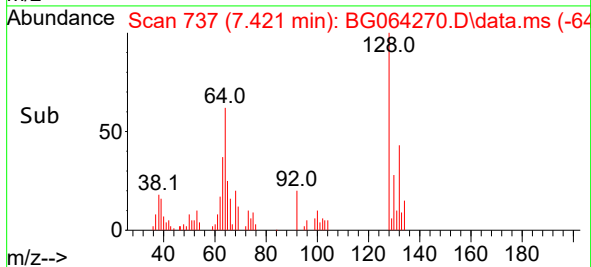
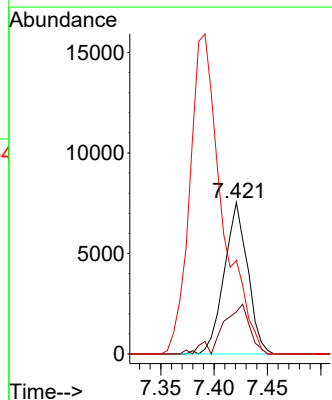
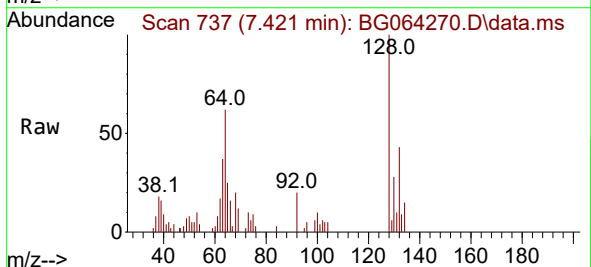
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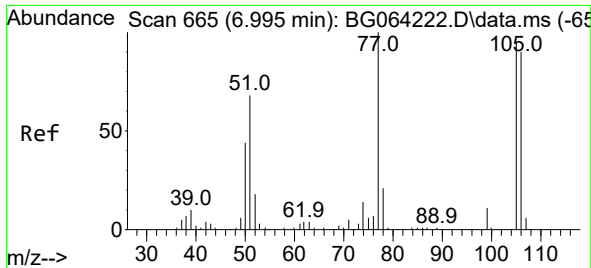
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#8
2-Chlorophenol
Concen: 4.423 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

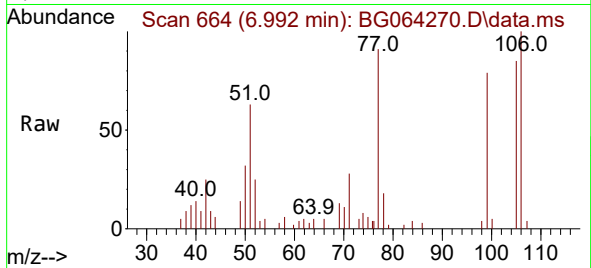
Tgt Ion:128 Resp: 11549
Ion Ratio Lower Upper
128 100
130 27.7 10.9 50.9
64 61.7 28.7 68.7





#9
Benzaldehyde
Concen: 4.690 ng
RT: 6.992 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

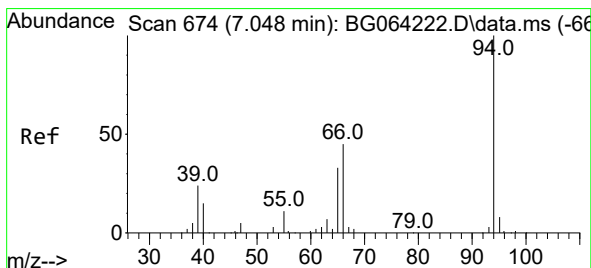
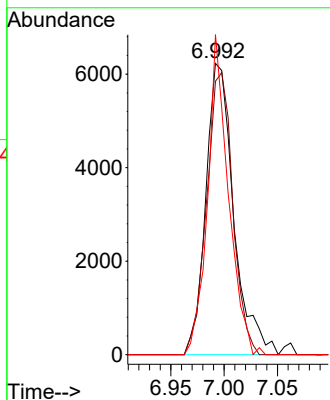
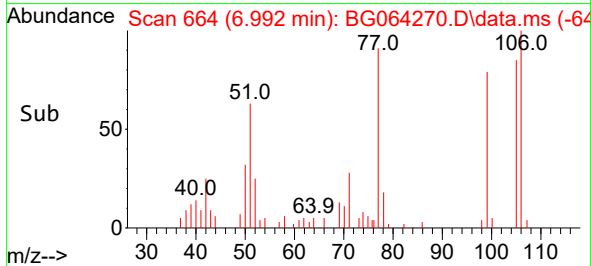
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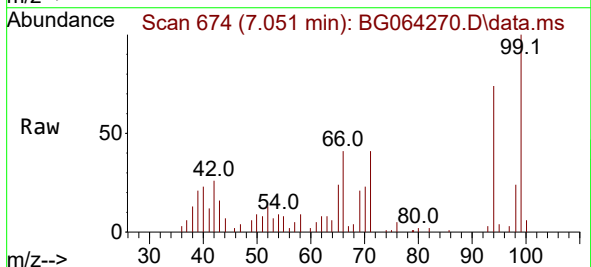
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Ion Ratio Lower Upper
77 100
105 93.8 75.2 115.2
106 109.8 69.6 109.6

Manual Integrations
APPROVED

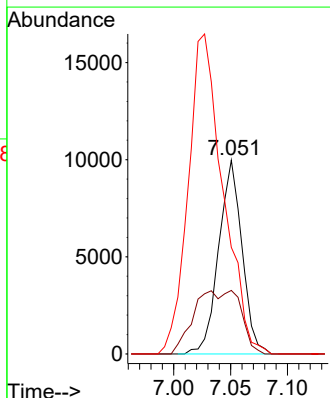
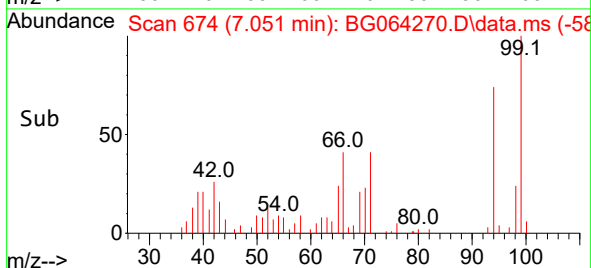
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

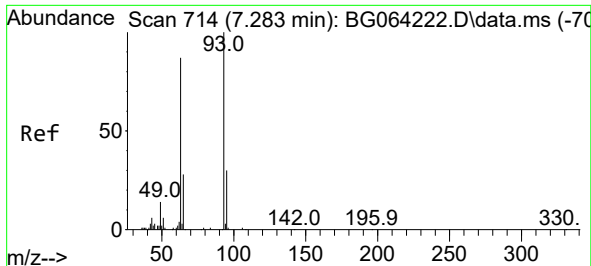


#10
Phenol
Concen: 4.407 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



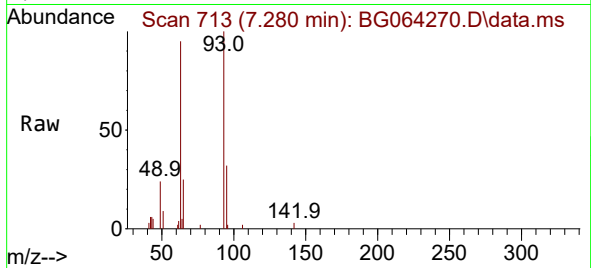
Tgt Ion: 94 Resp: 14263
Ion Ratio Lower Upper
94 100
65 32.8 13.5 53.5
66 55.0 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 4.441 ng
RT: 7.280 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

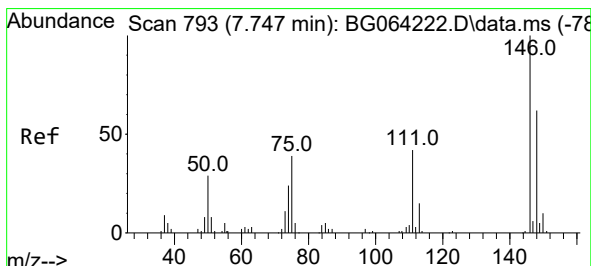
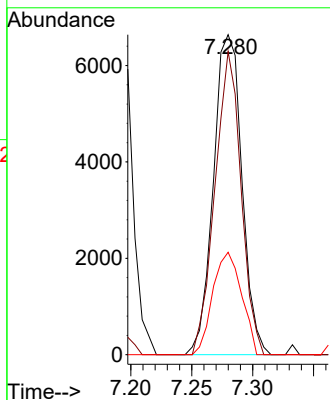
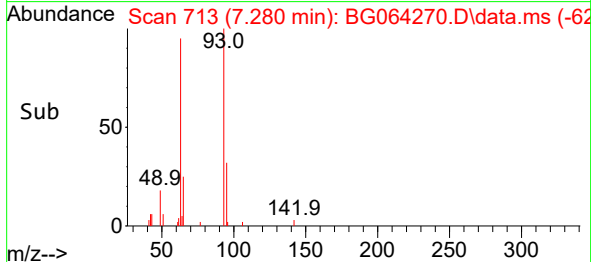
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 93 Resp: 1080
Ion Ratio Lower Upper
93 100
63 94.7 66.2 106.2
95 34.5 9.8 49.8

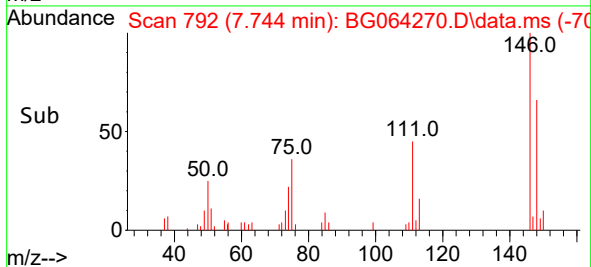
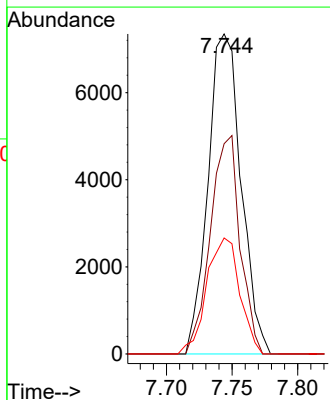
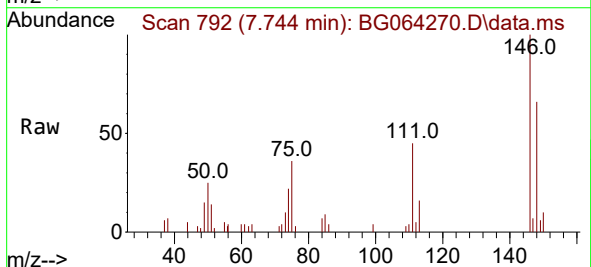
Manual Integrations
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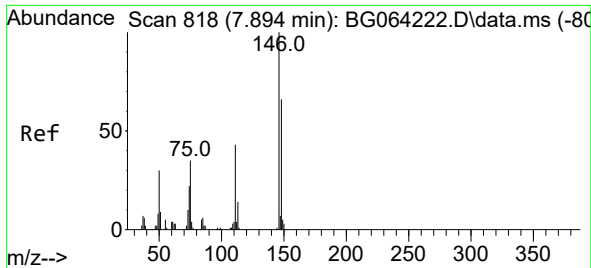
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#12
1,3-Dichlorobenzene
Concen: 4.640 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:146 Resp: 12889
Ion Ratio Lower Upper
146 100
148 65.7 49.6 74.4
75 36.3 31.0 46.6





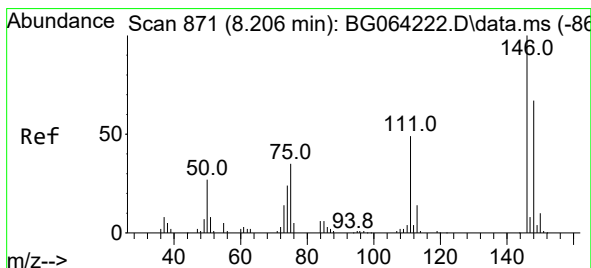
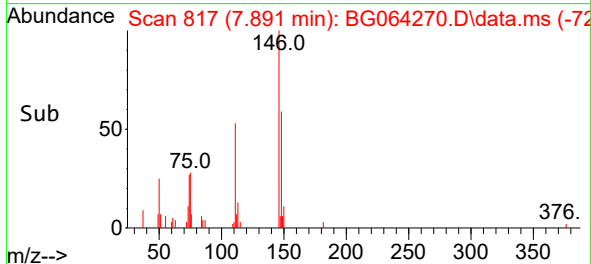
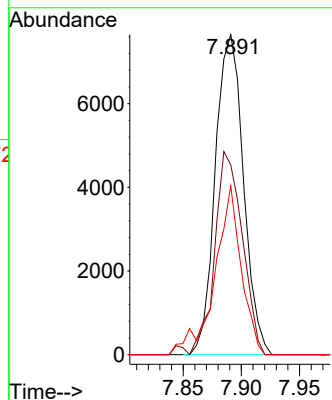
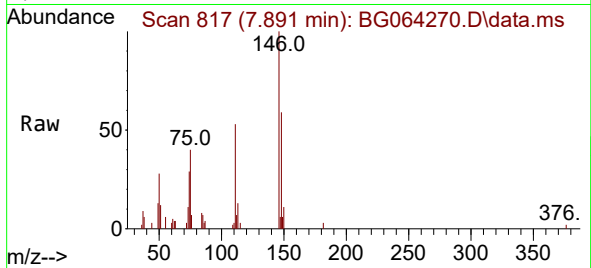
#13
1,4-Dichlorobenzene
Concen: 4.588 ng m
RT: 7.891 min Scan# 818
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:146 Resp: 1286
Ion Ratio Lower Upper
146 100
148 59.3 52.8 79.2
111 52.7 34.1 51.1

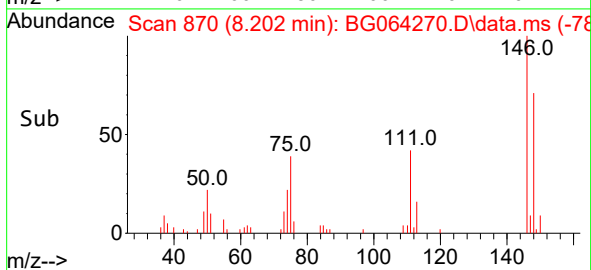
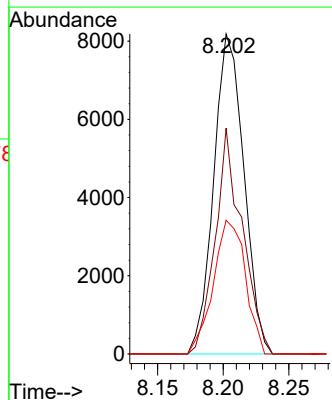
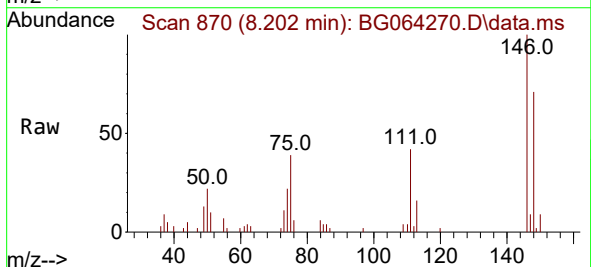
Manual Integrations
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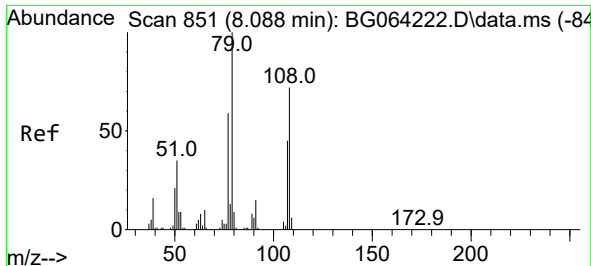
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#14
1,2-Dichlorobenzene
Concen: 4.842 ng
RT: 8.202 min Scan# 870
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:146 Resp: 13100
Ion Ratio Lower Upper
146 100
148 70.6 53.4 80.0
111 41.8 39.1 58.7





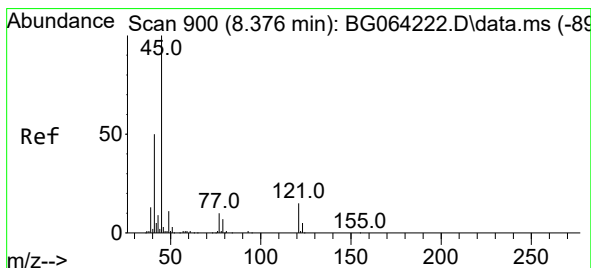
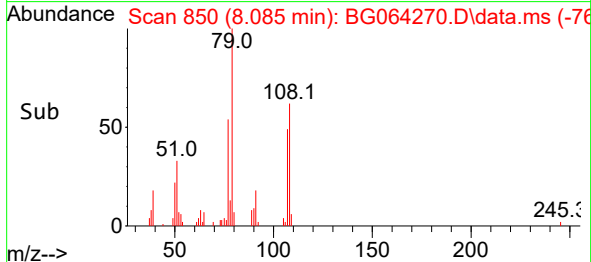
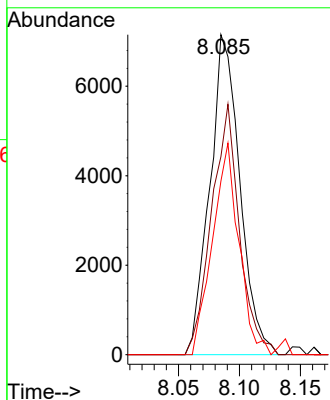
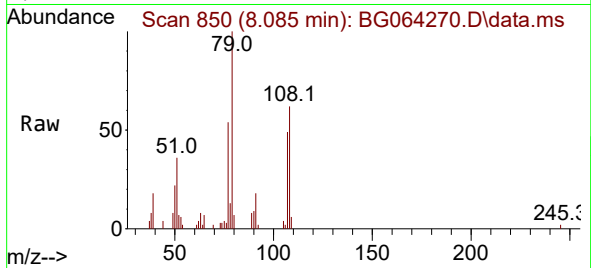
#15
Benzyl Alcohol
Concen: 4.540 ng
RT: 8.085 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 79 Resp: 12300
Ion Ratio Lower Upper
79 100
108 61.9 57.4 86.0
77 54.3 47.2 70.8

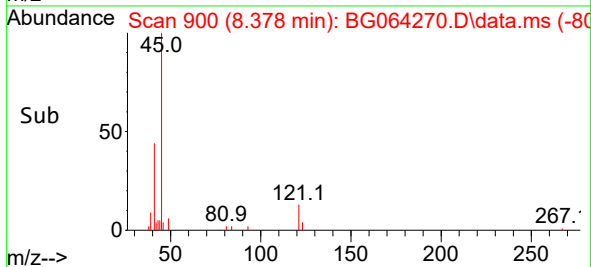
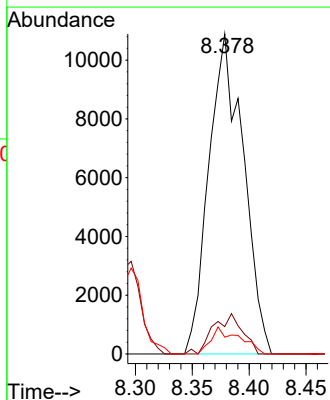
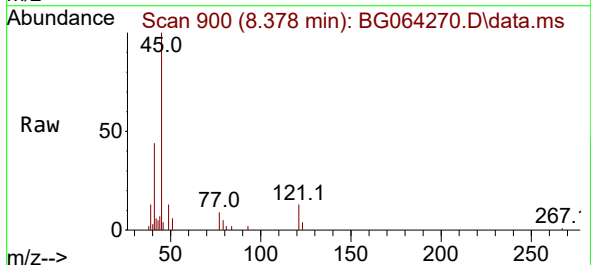
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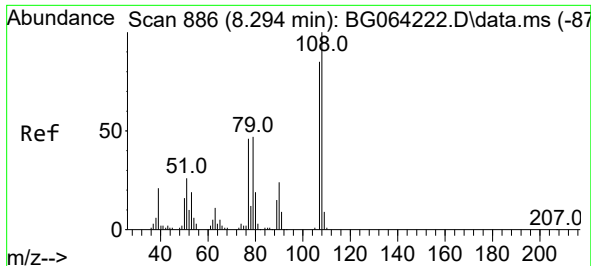
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.132 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

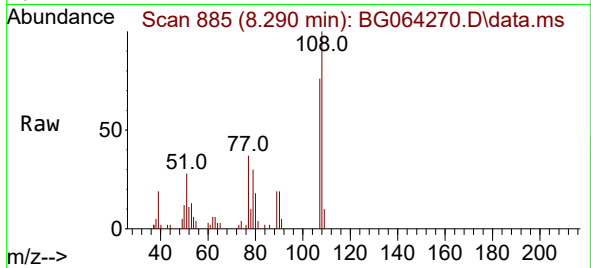
Tgt Ion: 45 Resp: 22943
Ion Ratio Lower Upper
45 100
77 8.5 0.0 30.0
79 5.3 0.0 27.9





#17
2-Methylphenol
Concen: 4.196 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

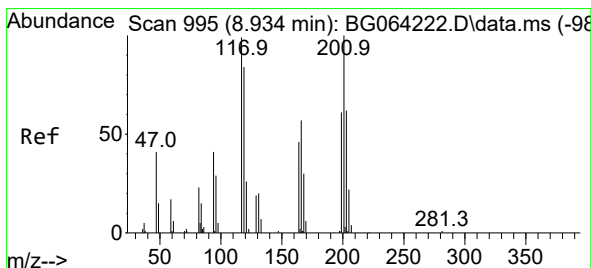
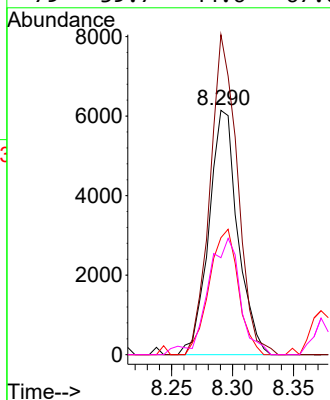
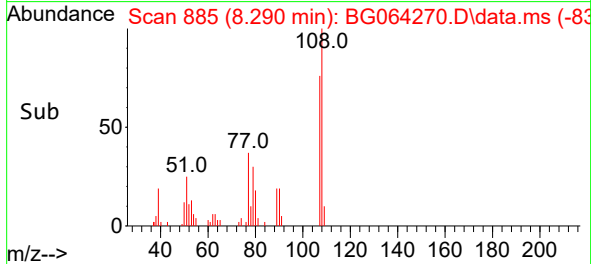
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:107 Resp: 10120
Ion Ratio Lower Upper
107 100
108 130.9 94.6 141.8
77 47.9 43.7 65.5
79 39.7 44.6 67.0#

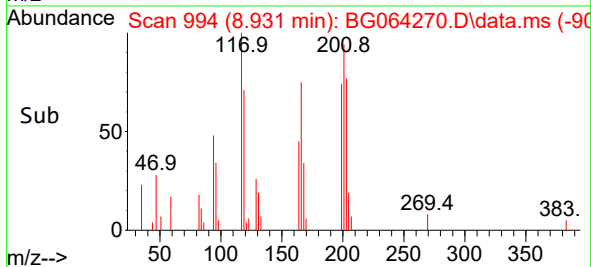
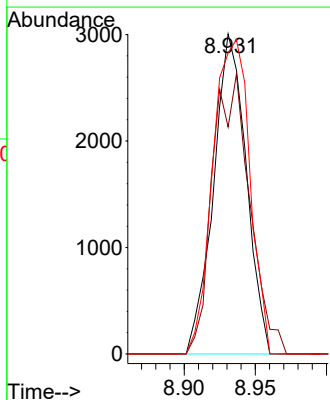
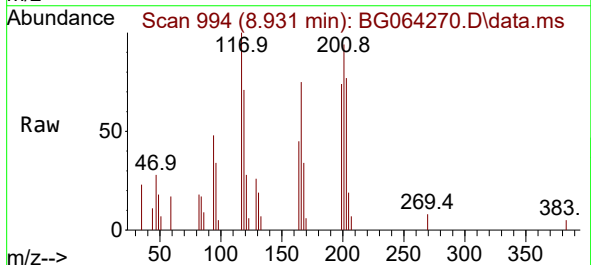
Manual Integrations
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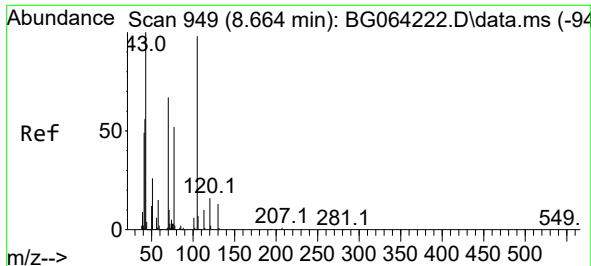
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#18
Hexachloroethane
Concen: 4.390 ng
RT: 8.931 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

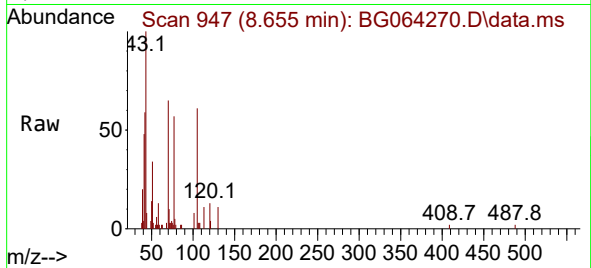
Tgt Ion:117 Resp: 4804
Ion Ratio Lower Upper
117 100
119 70.9 67.9 101.9
201 94.0 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 4.641 ng
RT: 8.655 min Scan# 94
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

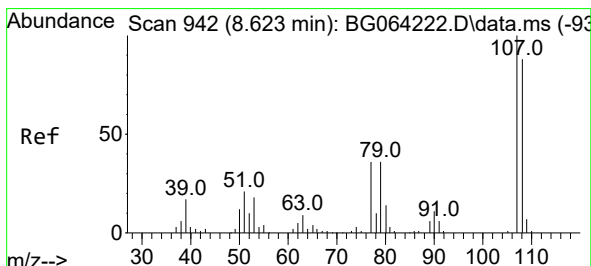
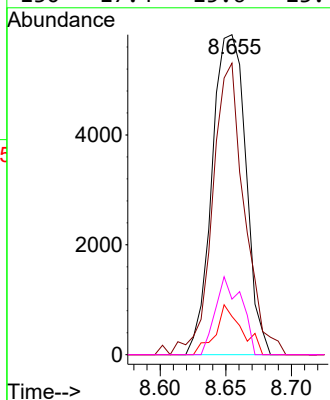
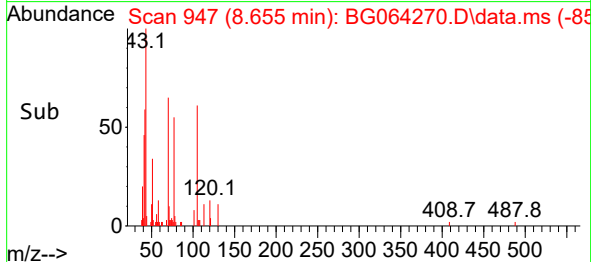
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 70 Resp: 1042
Ion Ratio Lower Upper
70 100
42 91.1 67.9 101.9
101 12.0 7.3 10.9
130 17.4 15.6 23.4

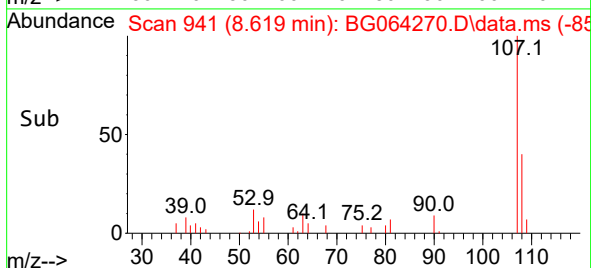
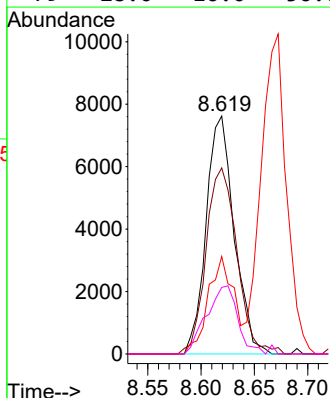
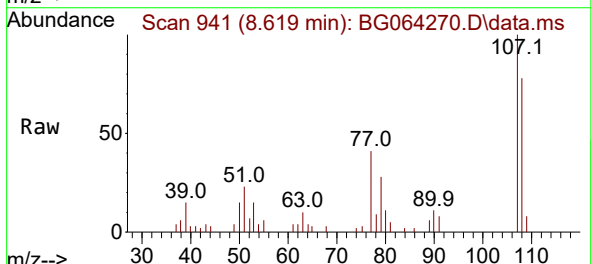
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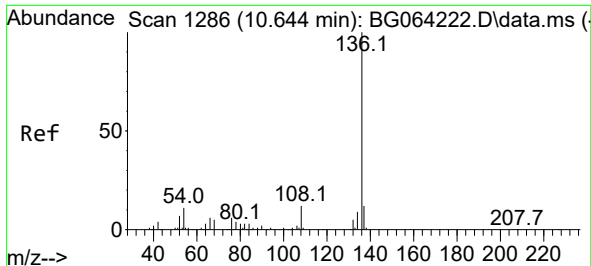
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#20
3+4-Methylphenols
Concen: 4.161 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

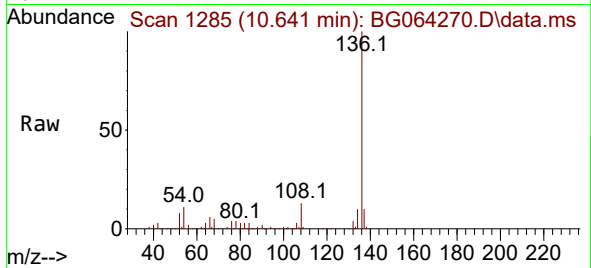
Tgt Ion:107 Resp: 13946
Ion Ratio Lower Upper
107 100
108 78.2 68.1 108.1
77 40.9 15.9 55.9
79 28.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

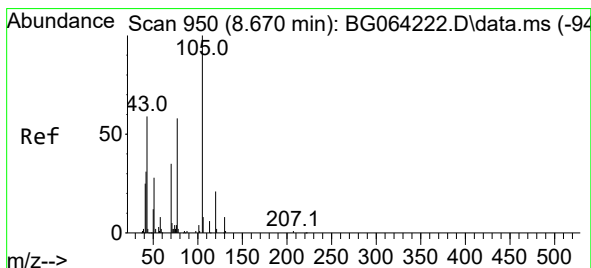
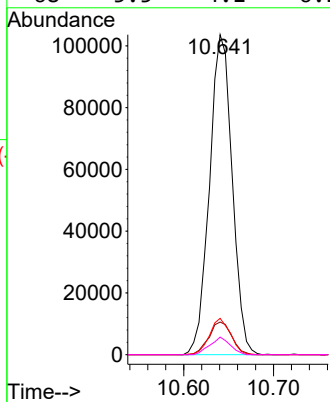
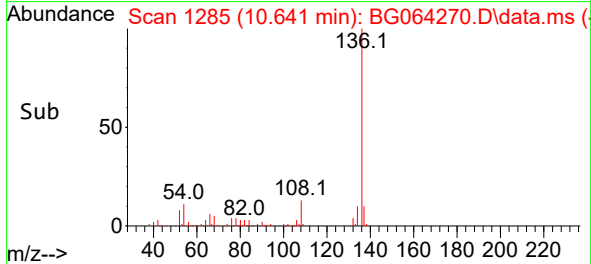
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:136 Resp: 181849
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 11.3 8.8 13.2
68 5.5 4.1 6.1

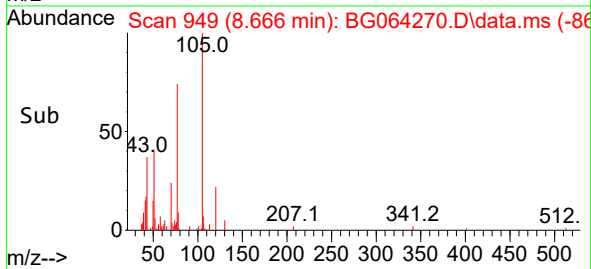
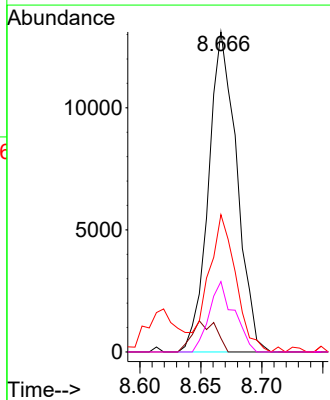
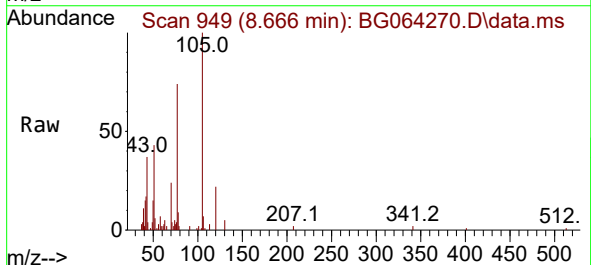
Manual Integrations
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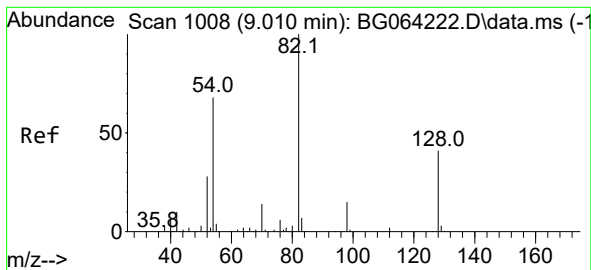
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#22
Acetophenone
Concen: 4.595 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:105 Resp: 21140
Ion Ratio Lower Upper
105 100
71 4.3 4.3 6.5#
51 42.9 32.4 48.6
120 22.0 16.8 25.2





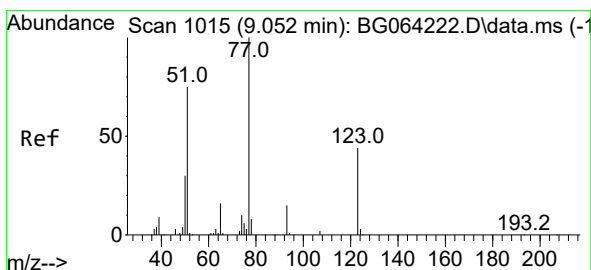
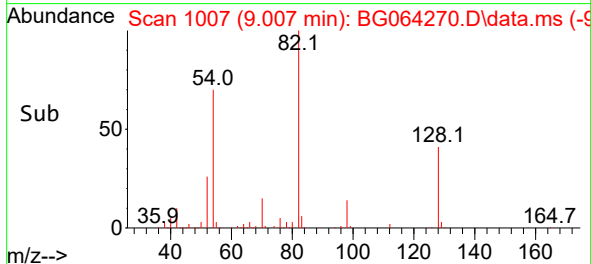
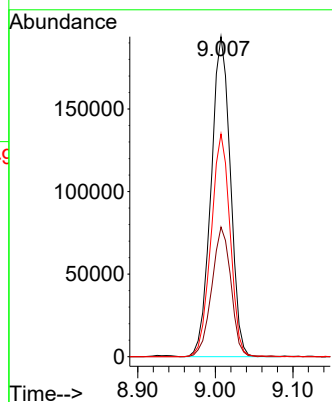
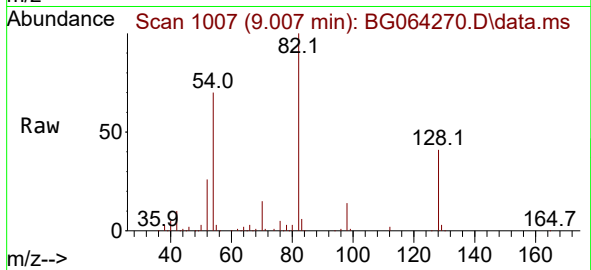
#23
Nitrobenzene-d5
Concen: 102.835 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 82 Resp: 335310
Ion Ratio Lower Upper
82 100
128 40.5 32.6 48.8
54 69.6 54.7 82.1

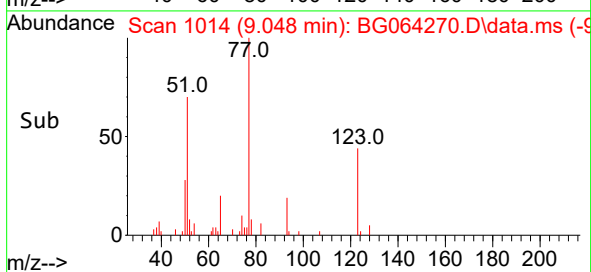
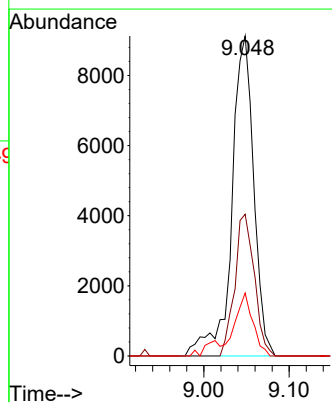
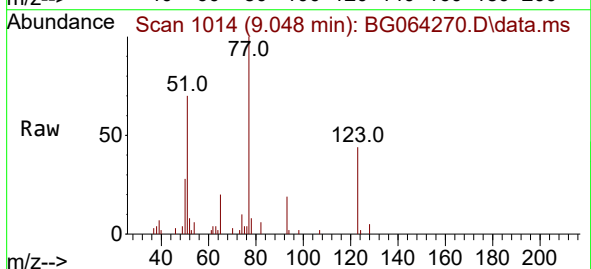
Manual Integrations
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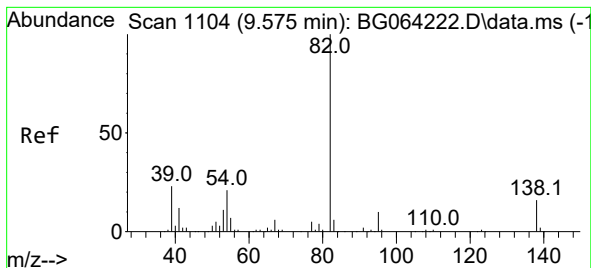
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#24
Nitrobenzene
Concen: 4.799 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 77 Resp: 16350
Ion Ratio Lower Upper
77 100
123 44.3 35.2 52.8
65 19.7 12.6 19.0#





#25

Isophorone

Concen: 4.417 ng

RT: 9.565 min Scan# 1102

Delta R.T. -0.021 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

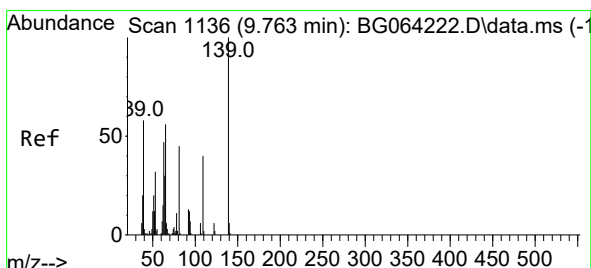
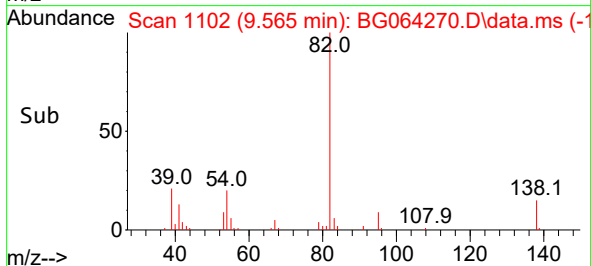
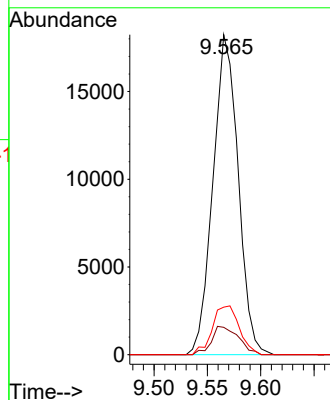
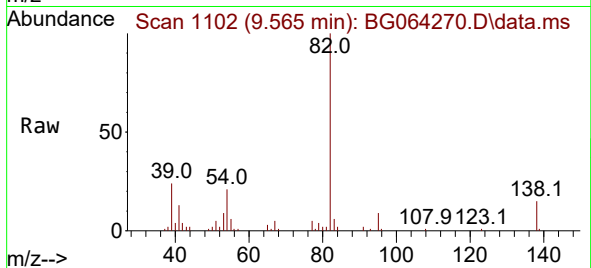
Tgt Ion: 82	Resp: 2993
Ion Ratio	Lower Upper
82 100	
95 8.5	7.9 11.9
138 14.9	13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#26

2-Nitrophenol

Concen: 4.253 ng

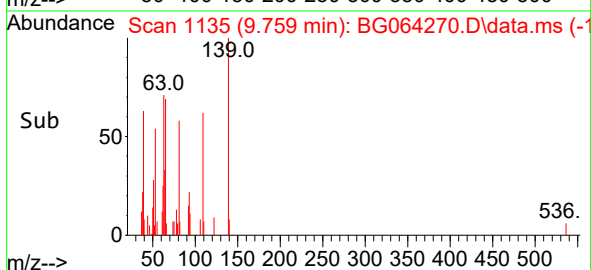
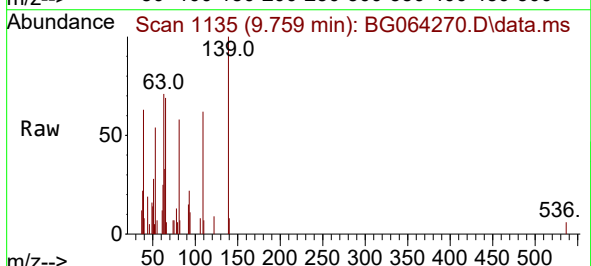
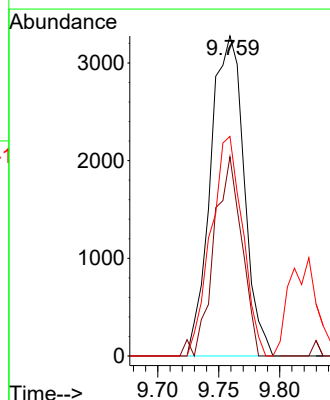
RT: 9.759 min Scan# 1135

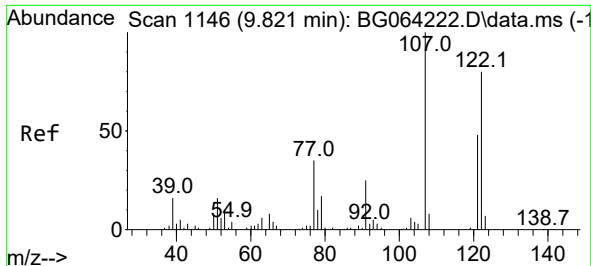
Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Tgt Ion:139	Resp: 6260
Ion Ratio	Lower Upper
139 100	
109 62.2	32.4 48.6#
65 68.6	44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 4.503 ng

RT: 9.818 min Scan# 1145

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

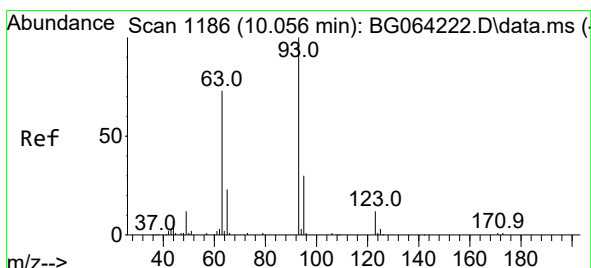
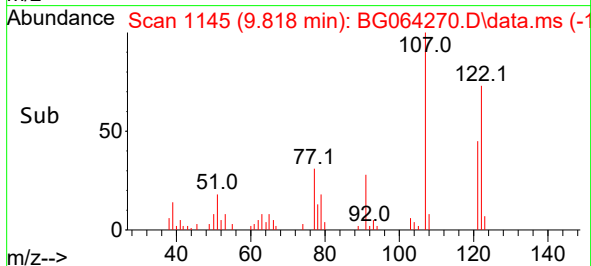
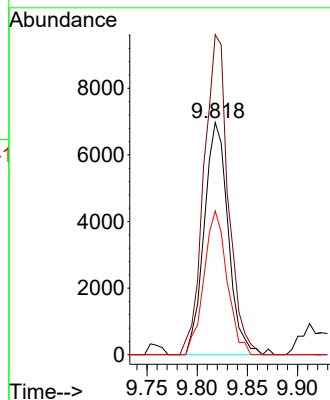
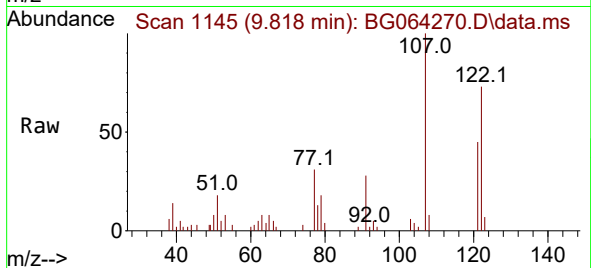
Tgt Ion:122 Resp: 11639
 Ion Ratio Lower Upper
 122 100
 107 137.8 99.9 149.9
 121 61.9 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.366 ng

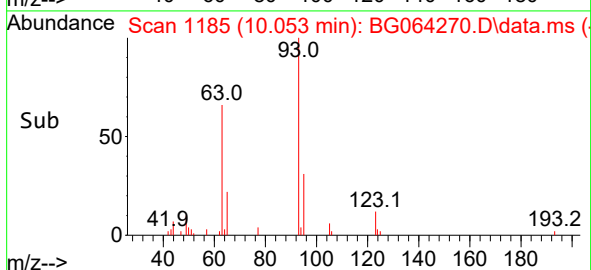
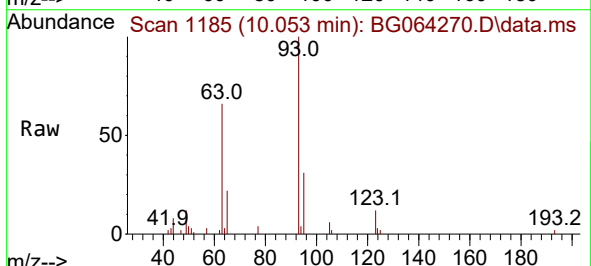
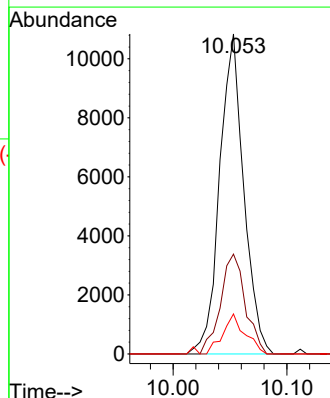
RT: 10.053 min Scan# 1185

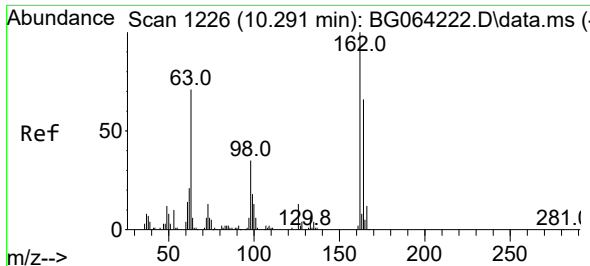
Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Tgt Ion: 93 Resp: 15954
 Ion Ratio Lower Upper
 93 100
 95 31.2 23.9 35.9
 123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.122 ng

RT: 10.294 min Scan# 1124

Delta R.T. -0.004 min

Lab File: BG064270.D

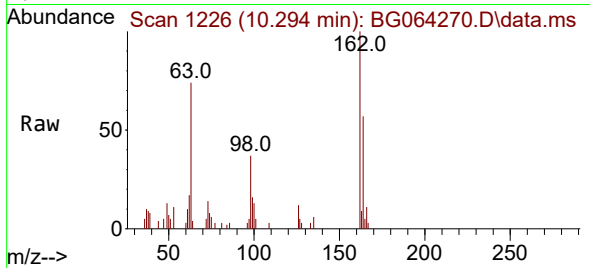
Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



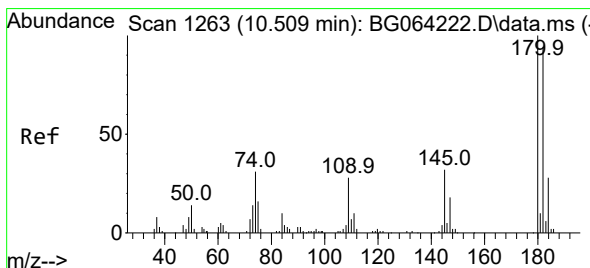
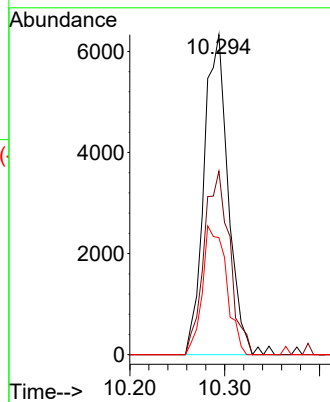
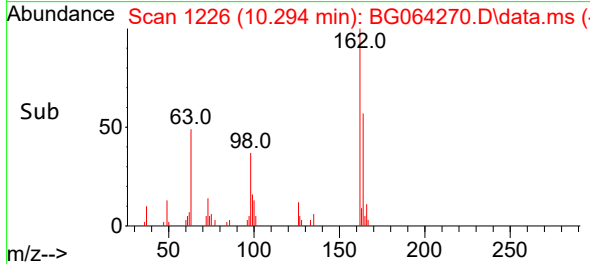
Tgt Ion	Ratio	Lower	Upper
162	100		
164	57.4	45.8	85.8
98	36.6	15.2	55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.749 ng

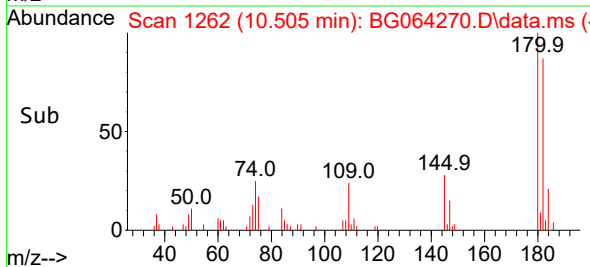
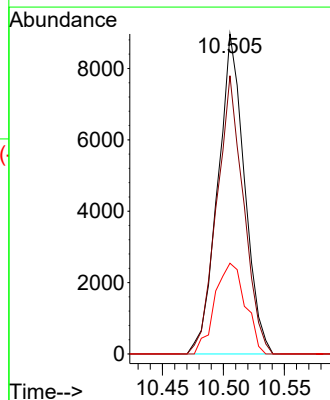
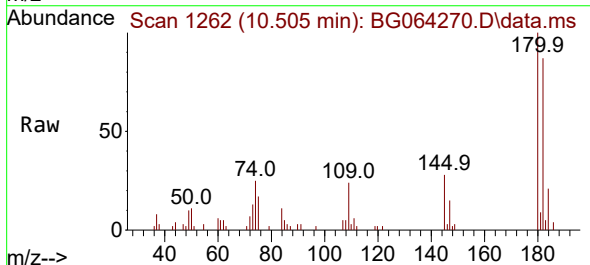
RT: 10.505 min Scan# 1262

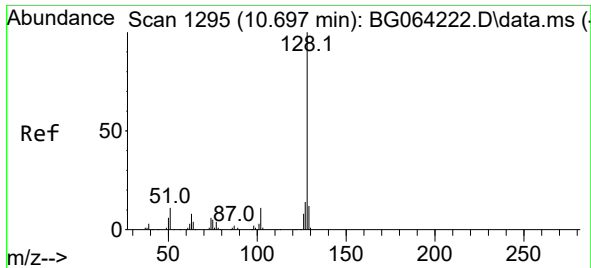
Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

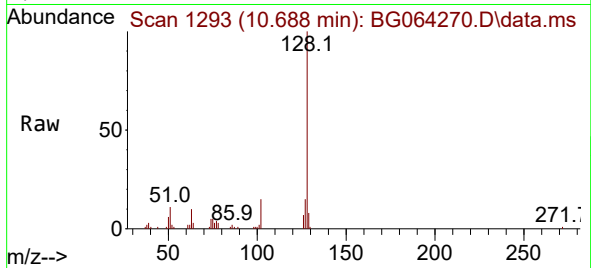
Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.9	75.0	112.6
145	28.4	25.4	38.0





#31
Naphthalene
Concen: 4.389 ng
RT: 10.688 min Scan# 1110
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

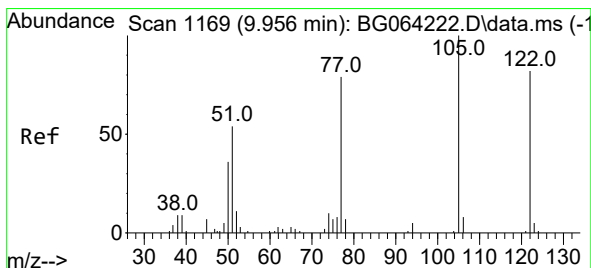
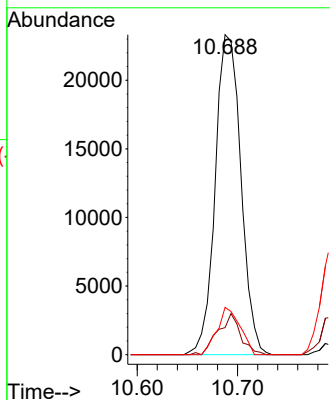
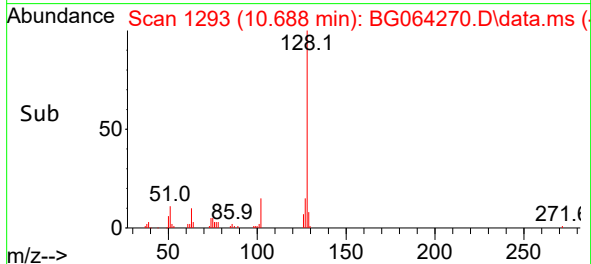
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 41392
Ion Ratio Lower Upper
128 100
129 9.4 9.4 14.2
127 14.8 10.9 16.3

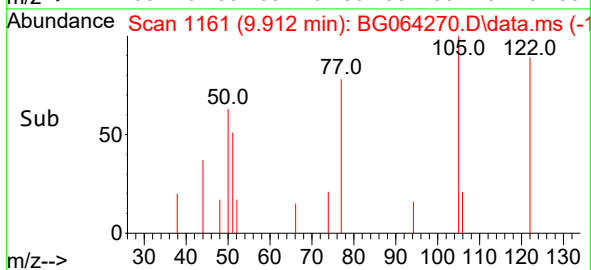
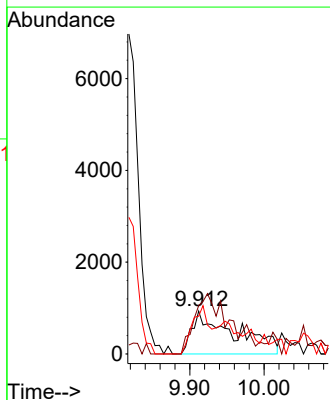
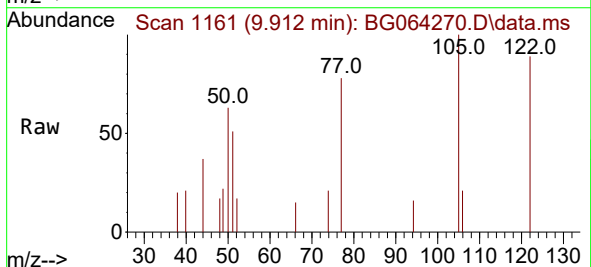
Manual Integrations
APPROVED

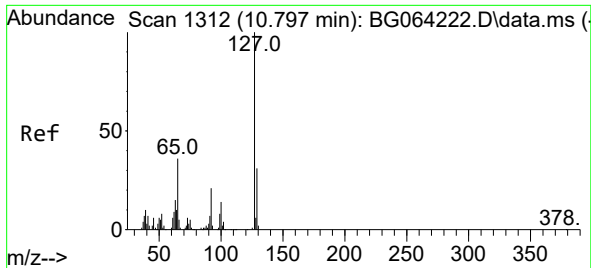
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#32
Benzoic acid
Concen: 1.809 ng m
RT: 9.912 min Scan# 1161
Delta R.T. -0.103 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

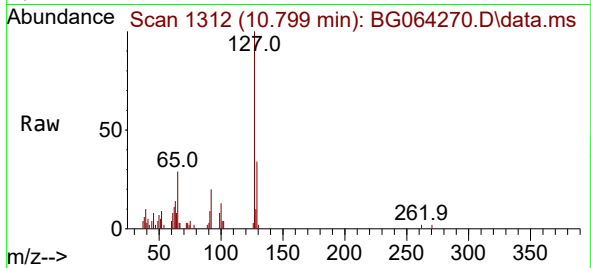
Tgt Ion:122 Resp: 3712
Ion Ratio Lower Upper
122 100
105 112.5 98.5 138.5
77 88.1 74.6 114.6





#33
4-Chloroaniline
Concen: 4.597 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

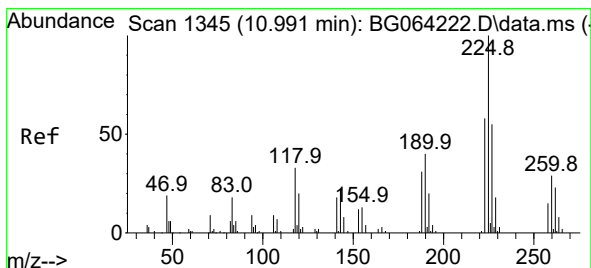
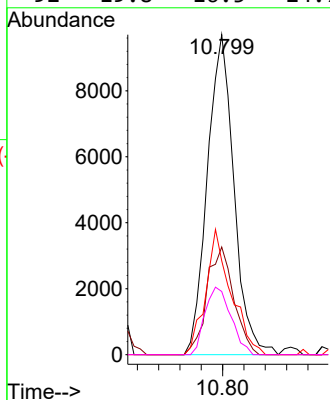
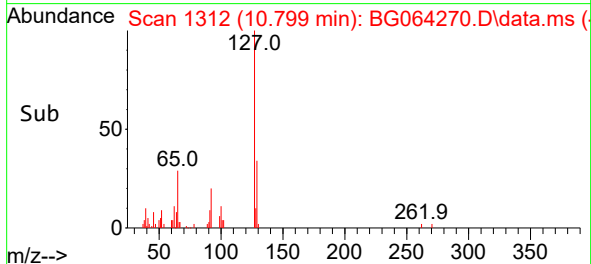
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



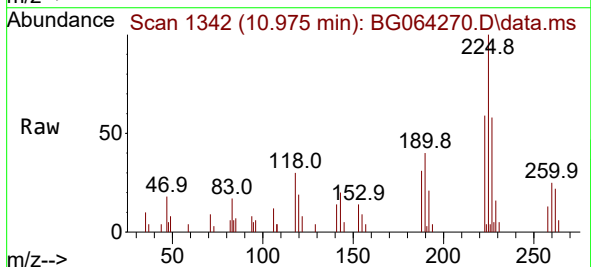
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.0	37.4
65	29.4	28.7	43.1
92	19.8	16.5	24.7

Manual Integrations
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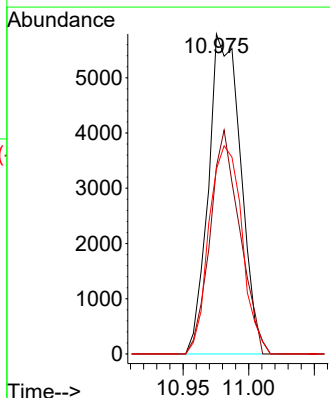
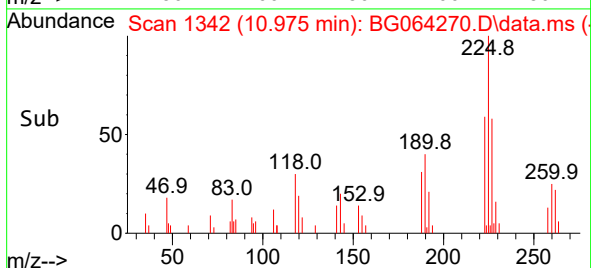
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

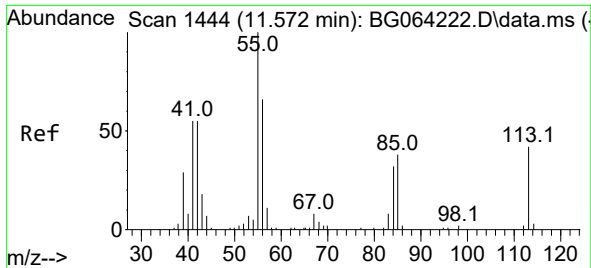


#34
Hexachlorobutadiene
Concen: 4.649 ng
RT: 10.975 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



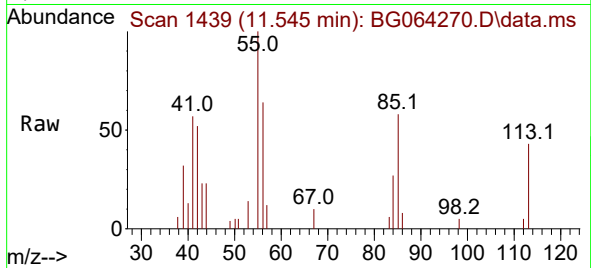
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	46.5	69.7
227	57.8	44.1	66.1





#35
Caprolactam
Concen: 3.408 ng
RT: 11.545 min Scan# 14
Delta R.T. -0.056 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

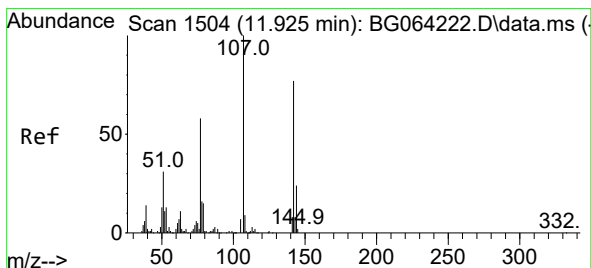
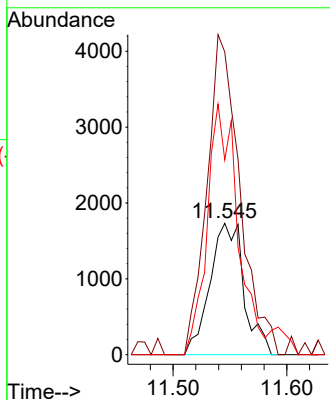
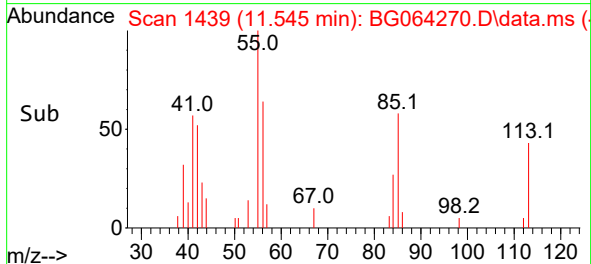
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:113 Resp: 3598
Ion Ratio Lower Upper
113 100
55 230.4 218.5 258.5
56 148.2 138.5 178.5

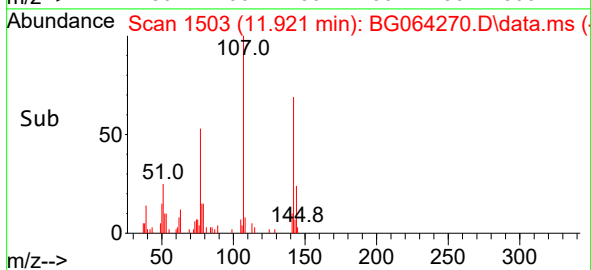
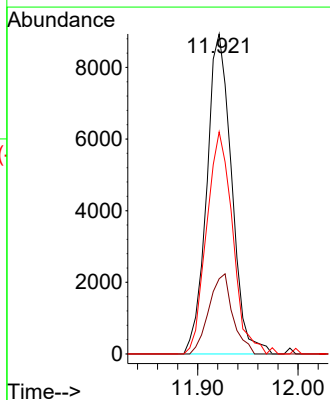
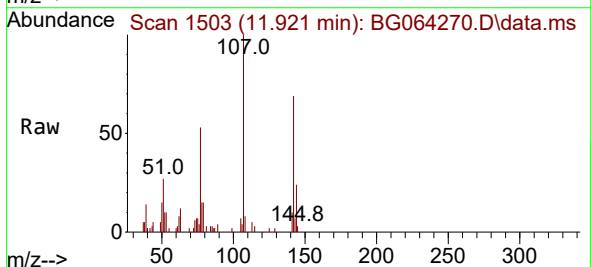
Manual Integrations
APPROVED

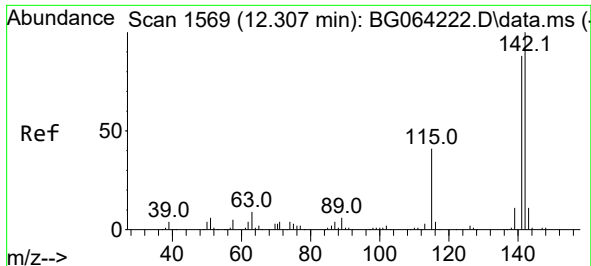
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#36
4-Chloro-3-methylphenol
Concen: 4.346 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

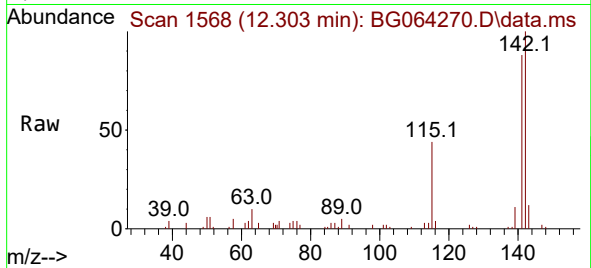
Tgt Ion:107 Resp: 15378
Ion Ratio Lower Upper
107 100
144 23.5 19.5 29.3
142 69.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 3.964 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

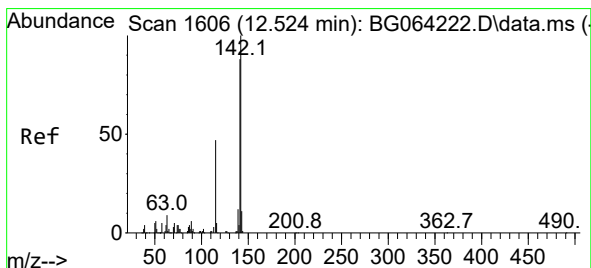
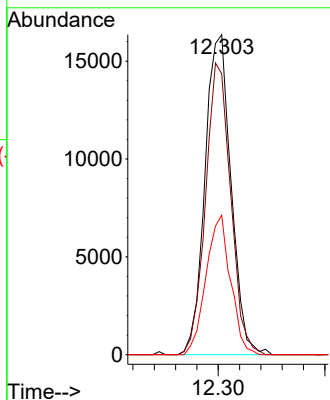
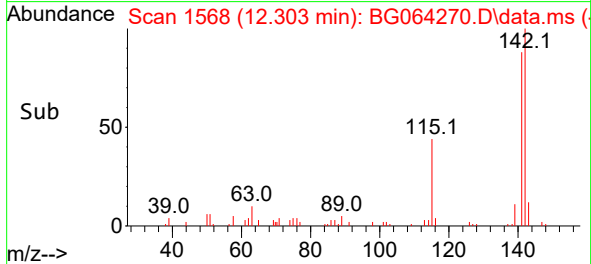
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:142 Resp: 2778
Ion Ratio Lower Upper
142 100
141 87.7 70.1 105.1
115 43.6 33.1 49.7

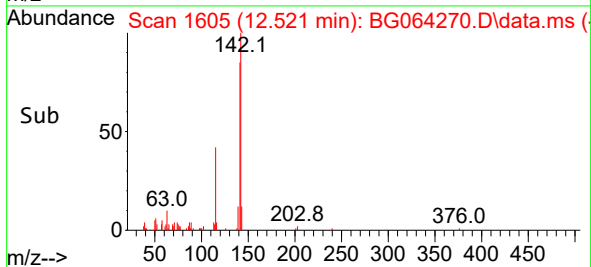
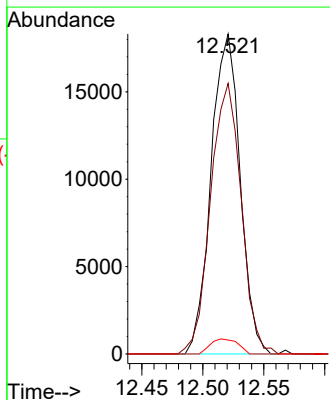
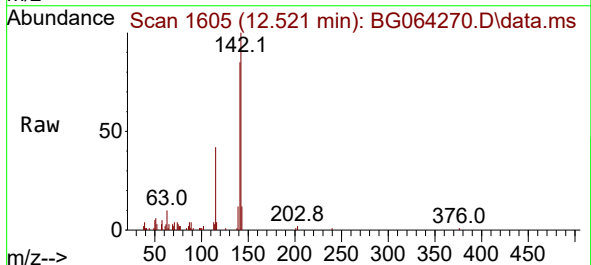
Manual Integrations
APPROVED

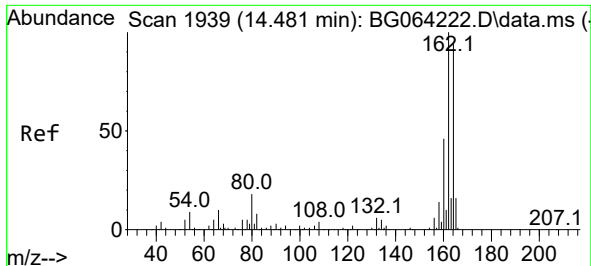
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#38
1-Methylnaphthalene
Concen: 4.379 ng
RT: 12.521 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

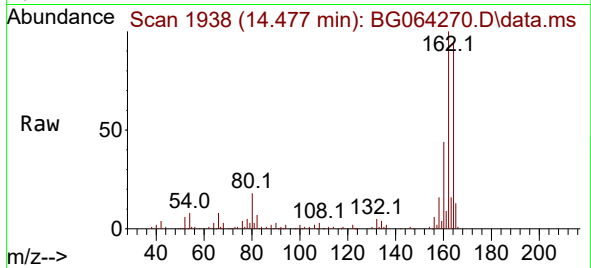
Tgt Ion:142 Resp: 30320
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
116 4.3 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

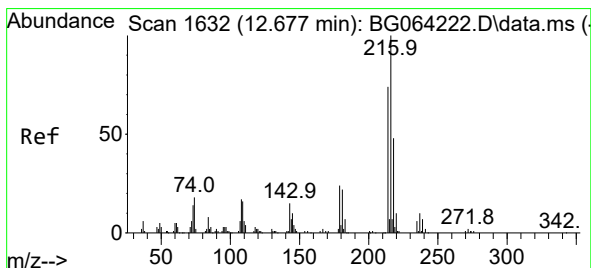
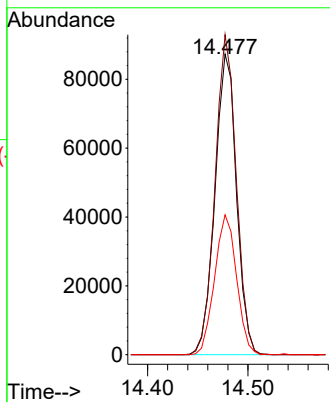
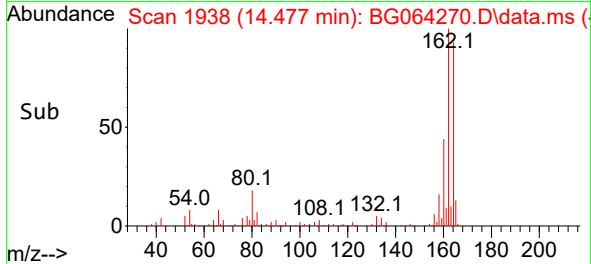
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:164 Resp: 130052
Ion Ratio Lower Upper
164 100
162 106.4 85.4 128.0
160 46.5 39.2 58.8

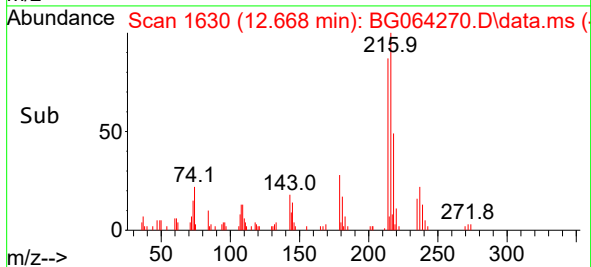
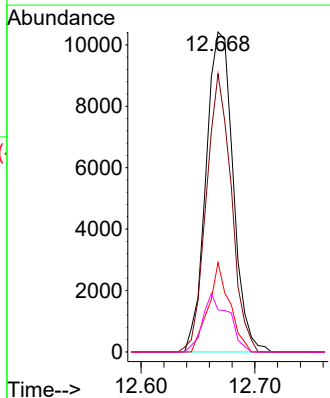
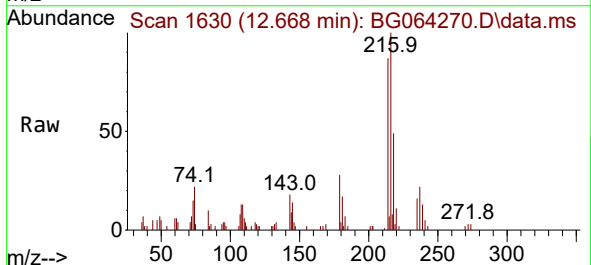
Manual Integrations
APPROVED

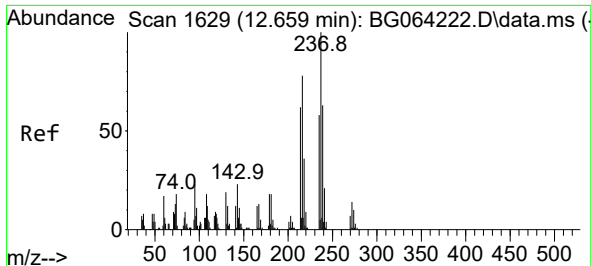
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.604 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

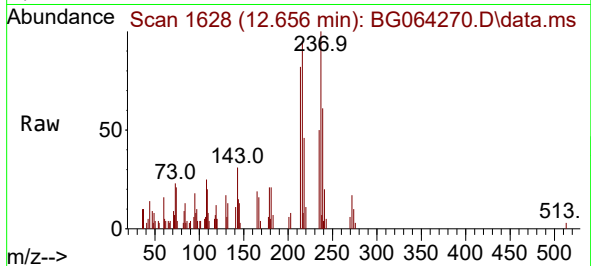
Tgt Ion:216 Resp: 17275
Ion Ratio Lower Upper
216 100
214 80.0 61.9 92.9
179 21.8 17.9 26.9
108 17.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.675 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

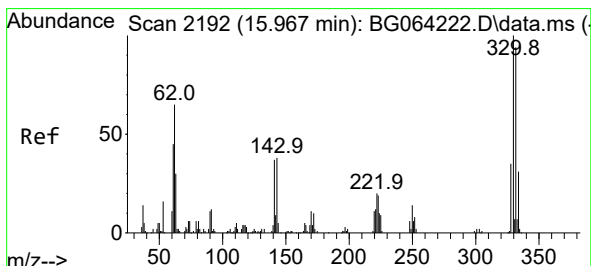
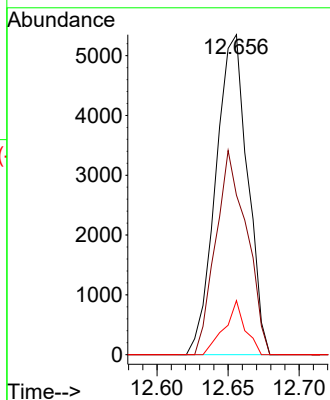
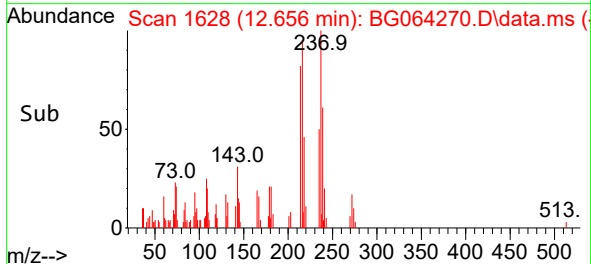
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 237 Resp: 833
Ion Ratio Lower Upper
237 100
235 49.8 37.9 77.9
272 16.9 0.0 33.8

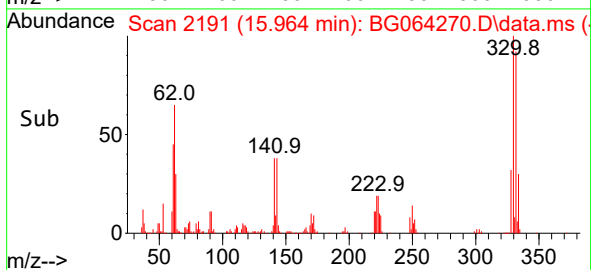
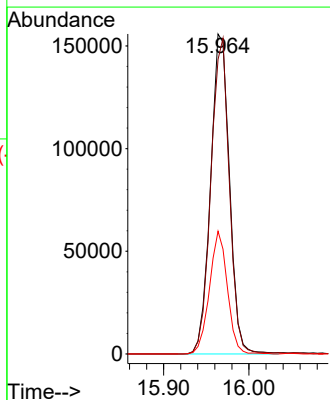
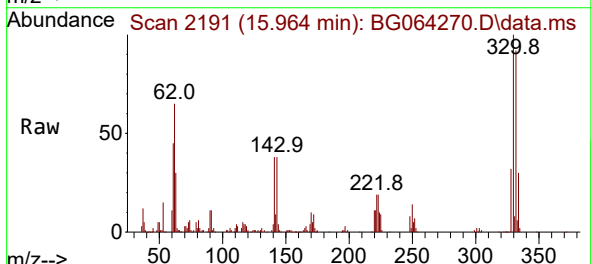
Manual Integrations
APPROVED

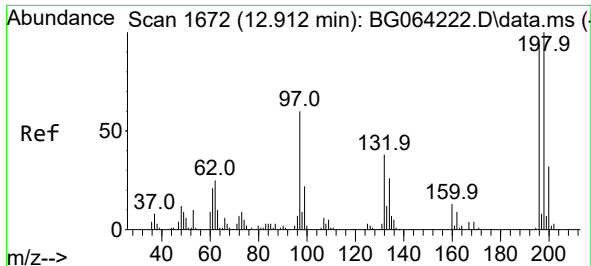
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#42
2,4,6-Tribromophenol
Concen: 139.201 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 330 Resp: 239787
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 36.4 29.8 44.6





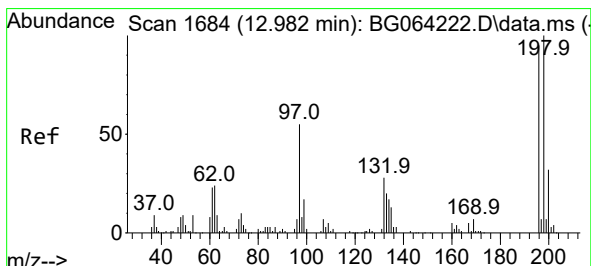
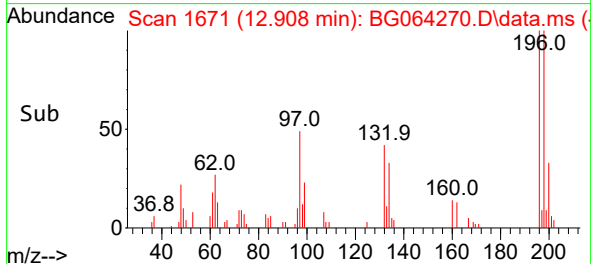
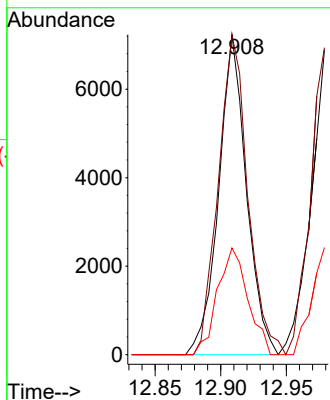
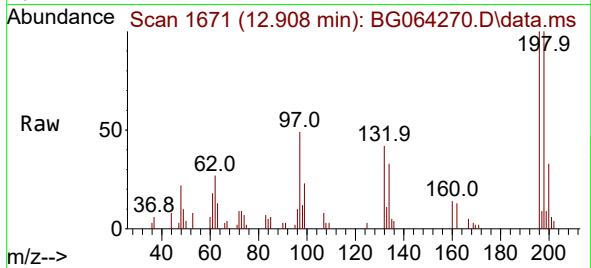
#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:196 Resp: 1061
Ion Ratio Lower Upper
196 100
198 100.1 85.4 128.2
200 33.4 27.3 40.9

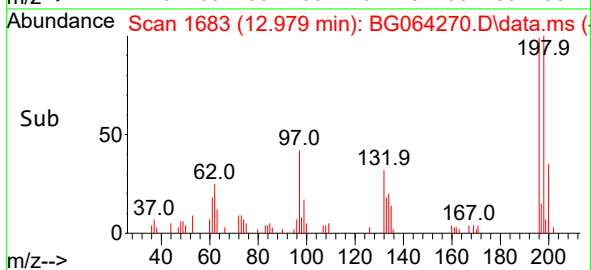
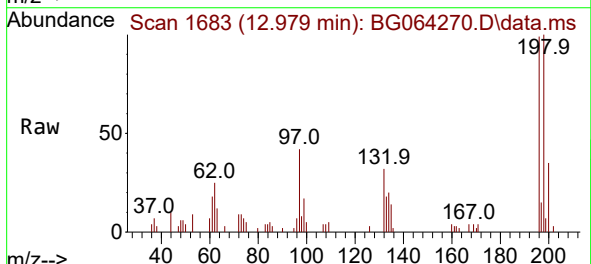
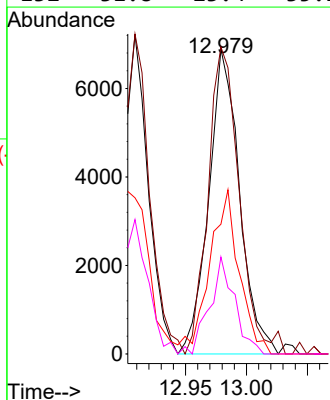
Manual Integrations
APPROVED

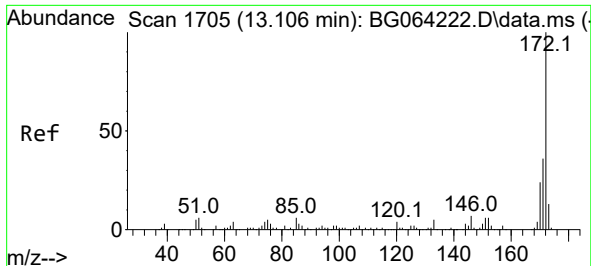
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#44
2,4,5-Trichlorophenol
Concen: 4.449 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

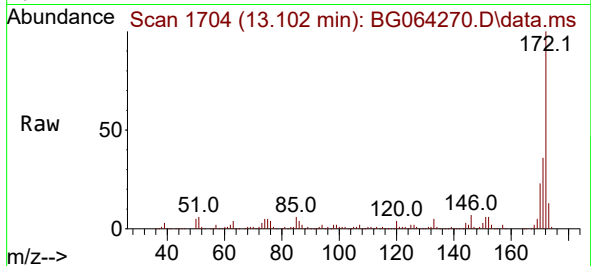
Tgt Ion:196 Resp: 12105
Ion Ratio Lower Upper
196 100
198 107.4 84.5 126.7
97 42.6 46.8 70.2#
132 31.8 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 100.280 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

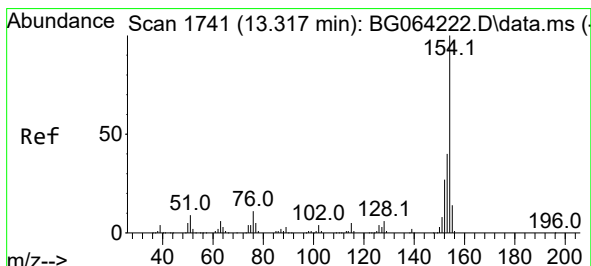
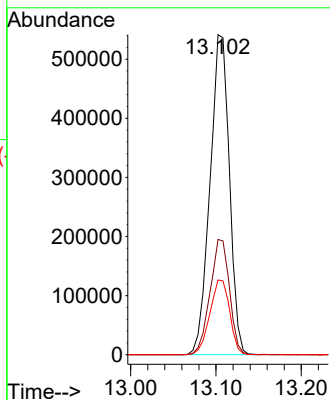
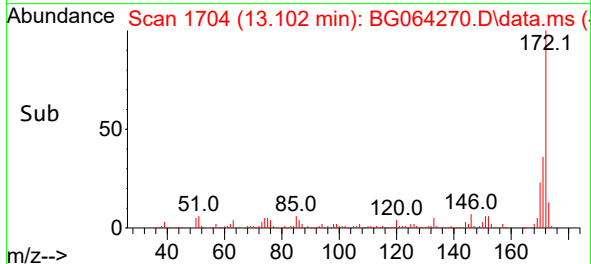
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



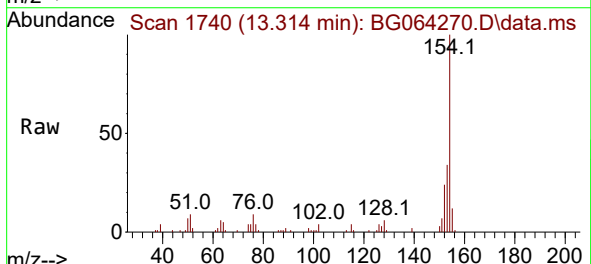
Tgt Ion:172 Resp: 85443
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.4 19.0 28.6

Manual Integrations
APPROVED

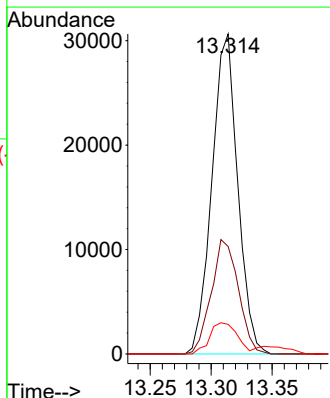
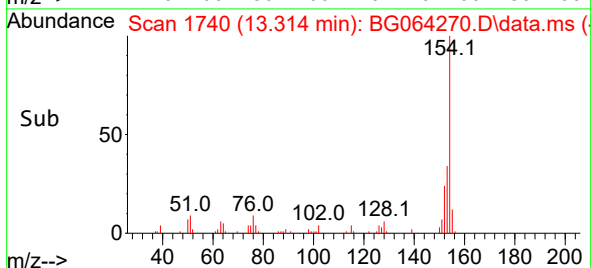
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

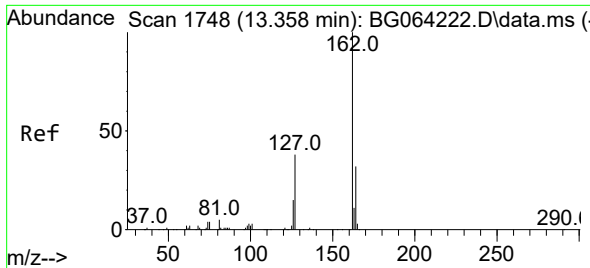


#46
1,1'-Biphenyl
Concen: 4.749 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



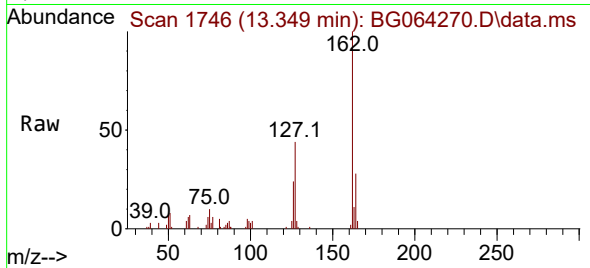
Tgt Ion:154 Resp: 44988
Ion Ratio Lower Upper
154 100
153 33.6 19.9 59.9
76 9.2 0.0 30.9





#47
2-Chloronaphthalene
Concen: 4.441 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

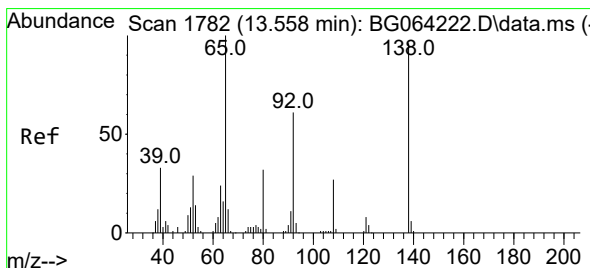
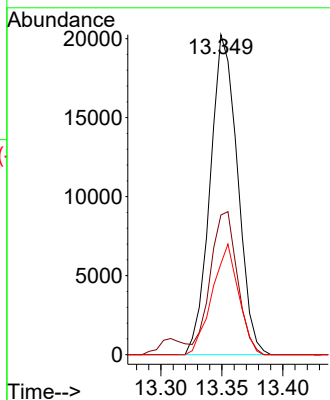
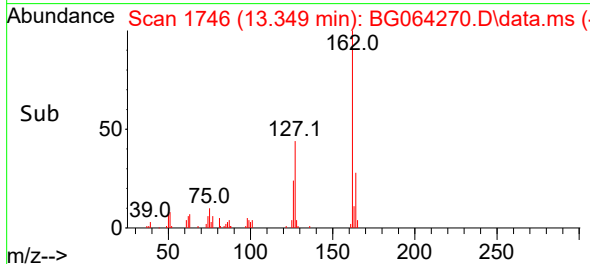
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:162 Resp: 31624
Ion Ratio Lower Upper
162 100
127 43.7 33.9 50.9
164 28.5 25.4 38.2

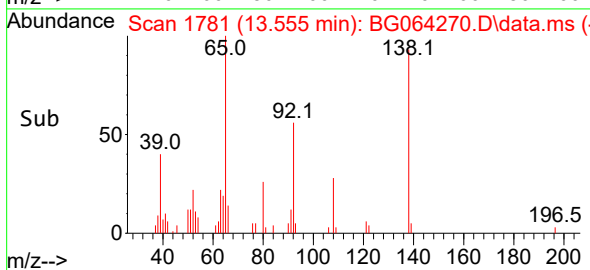
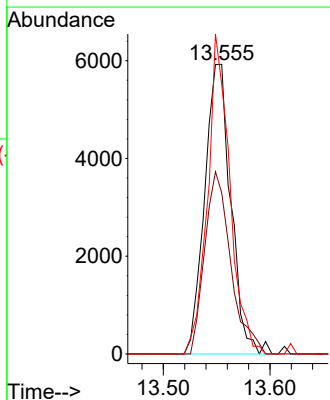
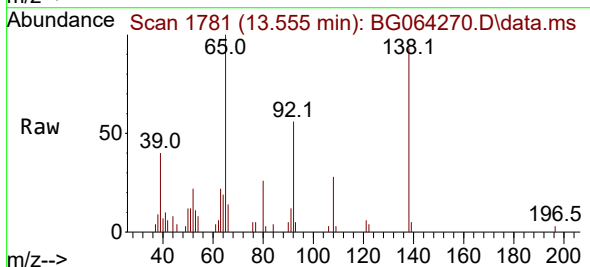
Manual Integrations
APPROVED

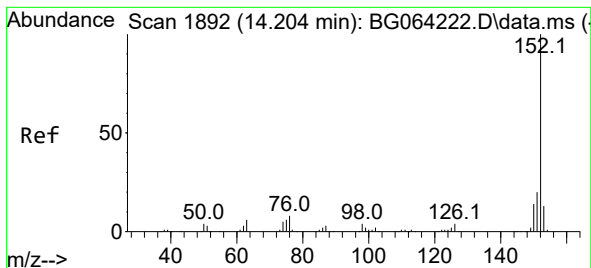
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#48
2-Nitroaniline
Concen: 4.168 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 65 Resp: 10117
Ion Ratio Lower Upper
65 100
92 55.7 49.2 73.8
138 93.1 76.8 115.2





#49

Acenaphthylene

Concen: 4.727 ng

RT: 14.195 min Scan# 1890

Delta R.T. -0.009 min

Lab File: BG064270.D

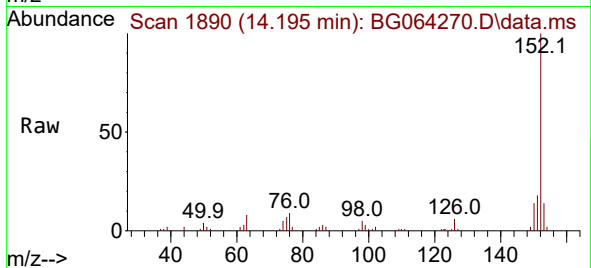
Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:152 Resp: 4976

Ion Ratio Lower Upper

152 100

151 17.6 16.2 24.2

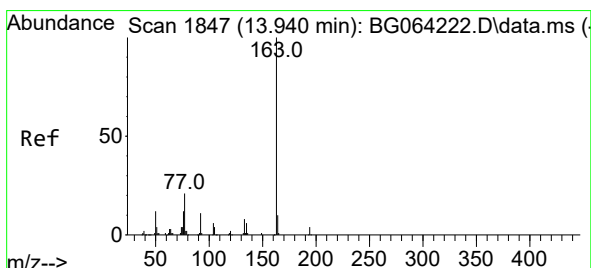
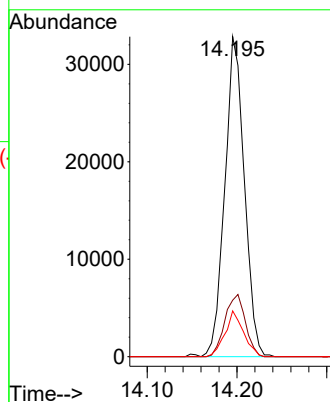
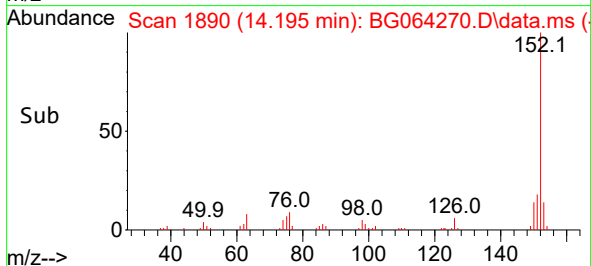
153 14.3 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#50

Dimethylphthalate

Concen: 4.321 ng

RT: 13.931 min Scan# 1845

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

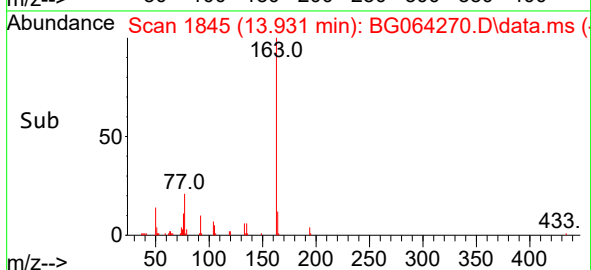
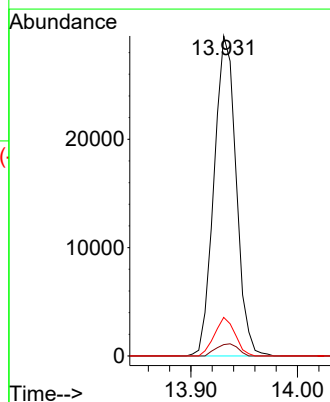
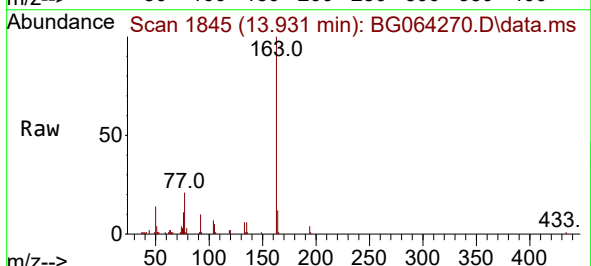
Tgt Ion:163 Resp: 42531

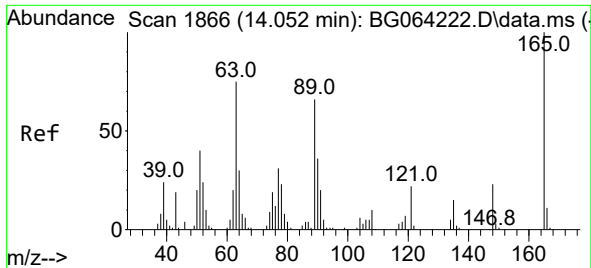
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 12.0 7.9 11.9#





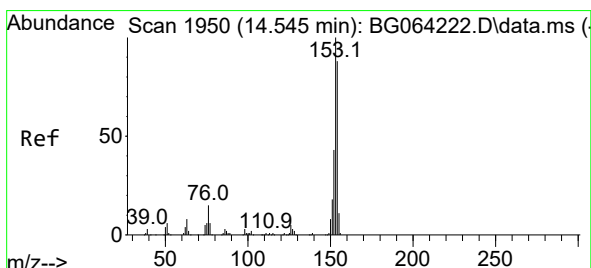
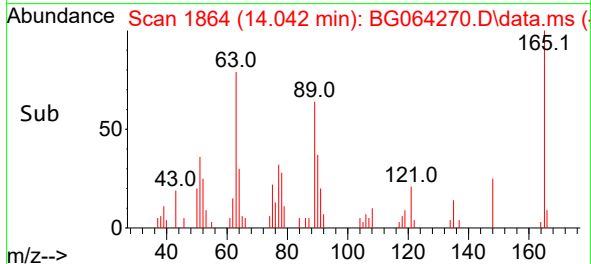
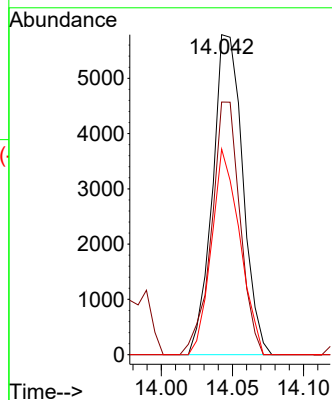
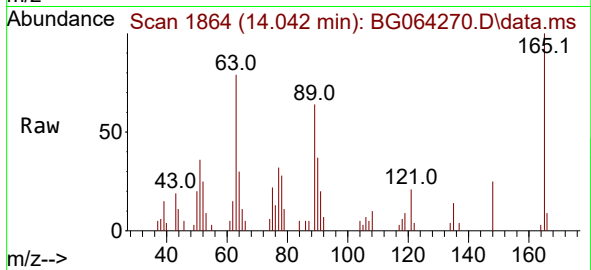
#51
2,6-Dinitrotoluene
Concen: 4.492 ng
RT: 14.042 min Scan# 1866
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:165 Resp: 856
Ion Ratio Lower Upper
165 100
63 78.9 60.3 90.5
89 64.2 52.9 79.3

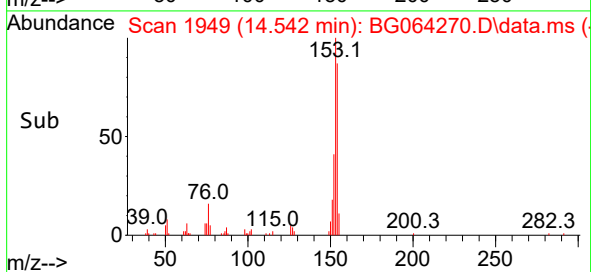
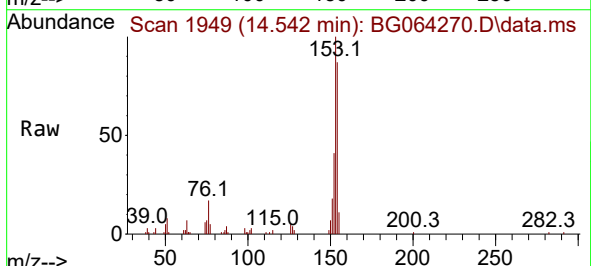
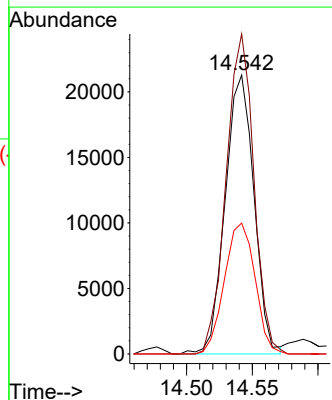
Manual Integrations
APPROVED

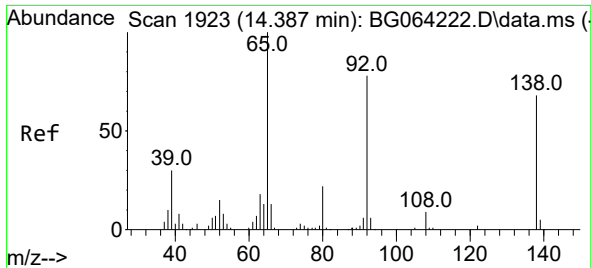
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#52
Acenaphthene
Concen: 4.371 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

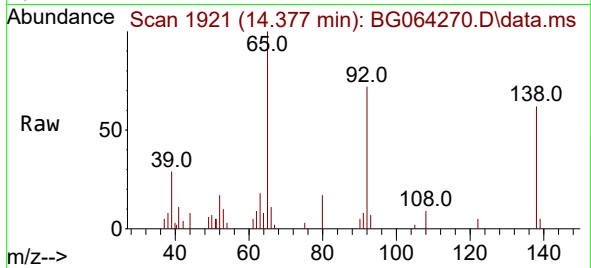
Tgt Ion:154 Resp: 32474
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 46.9 39.6 59.4





#53
3-Nitroaniline
Concen: 3.677 ng
RT: 14.377 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

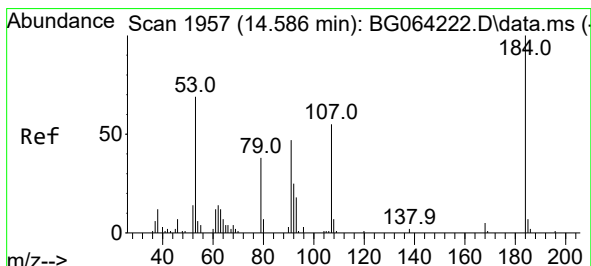
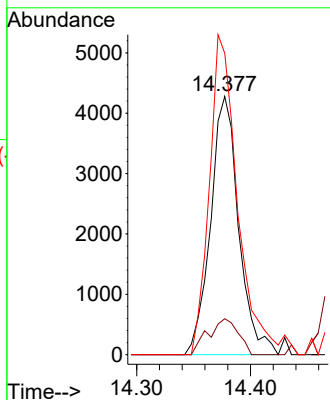
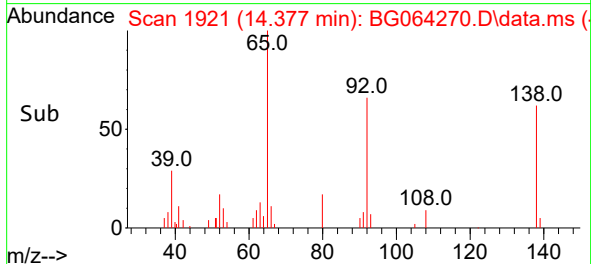
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



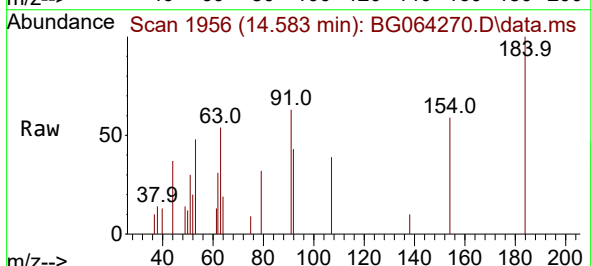
Tgt Ion:138 Resp: 7340
Ion Ratio Lower Upper
138 100
108 13.9 11.0 16.6
92 116.7 91.4 137.0

Manual Integrations
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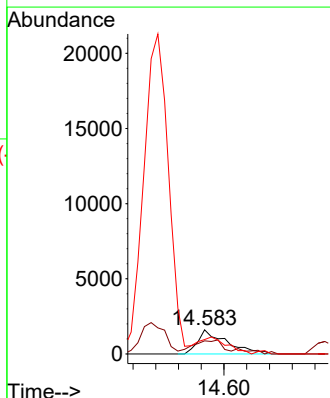
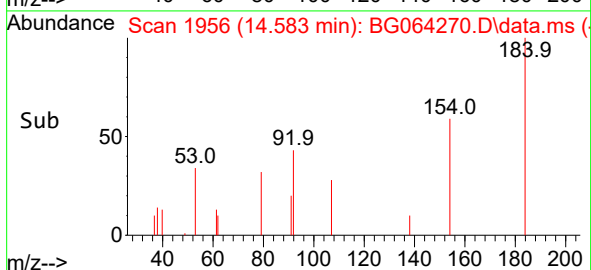
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

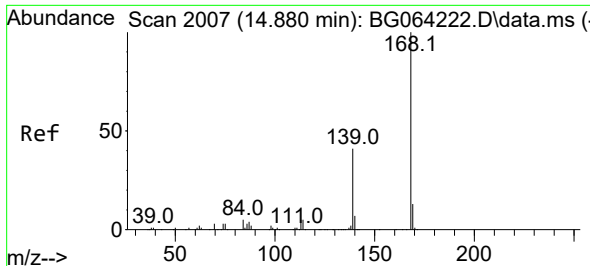


#54
2,4-Dinitrophenol
Concen: 7.752 ng
RT: 14.583 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



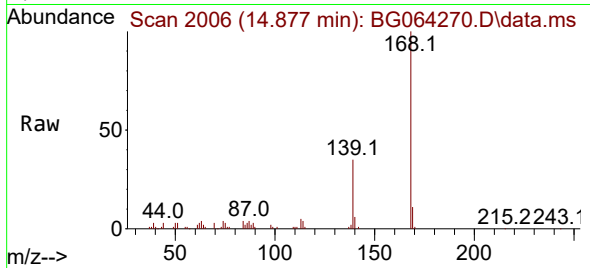
Tgt Ion:184 Resp: 2814
Ion Ratio Lower Upper
184 100
63 54.4 60.1 90.1#
154 59.5 59.8 89.8#





#55
Dibenzofuran
Concen: 4.501 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

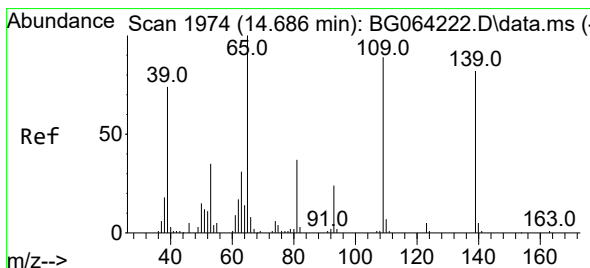
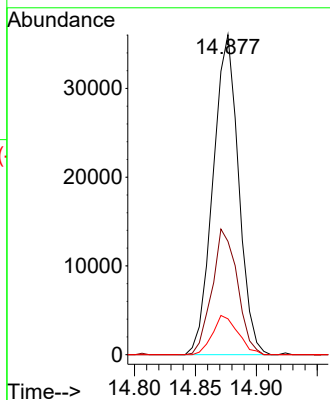
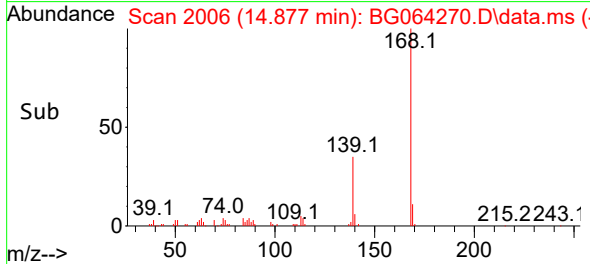
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



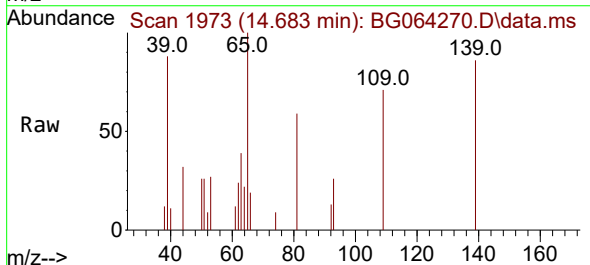
Tgt Ion:168 Resp: 52592
Ion Ratio Lower Upper
168 100
139 35.4 33.2 49.8
169 11.2 10.4 15.6

Manual Integrations
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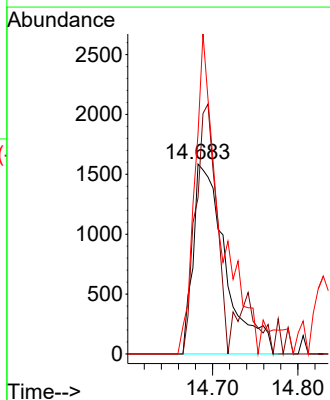
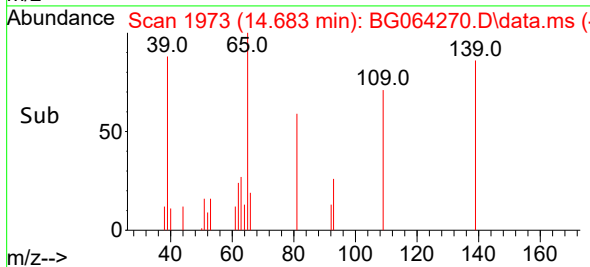
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

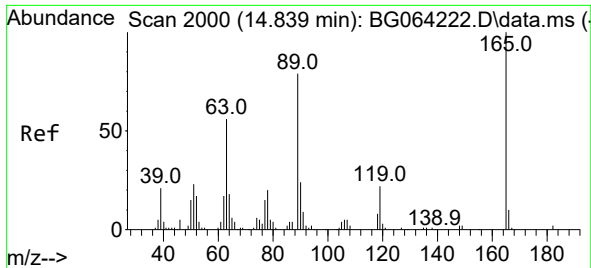


#56
4-Nitrophenol
Concen: 2.559 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



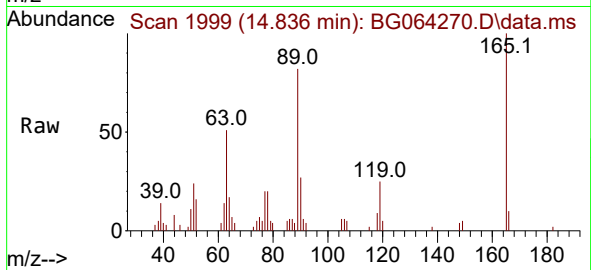
Tgt Ion:139 Resp: 4191
Ion Ratio Lower Upper
139 100
109 82.3 89.1 129.1#
65 116.1 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 4.192 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

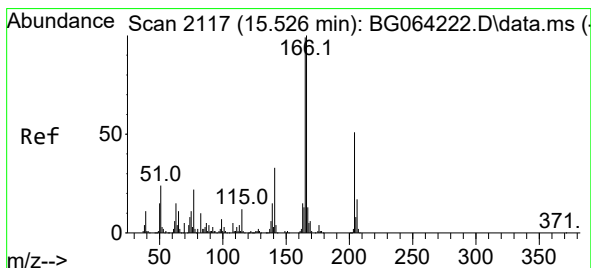
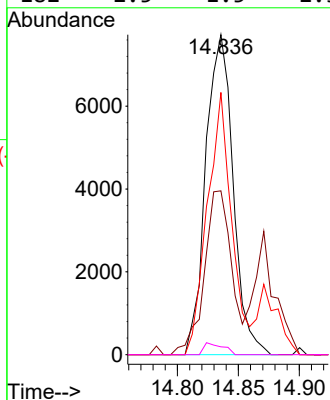
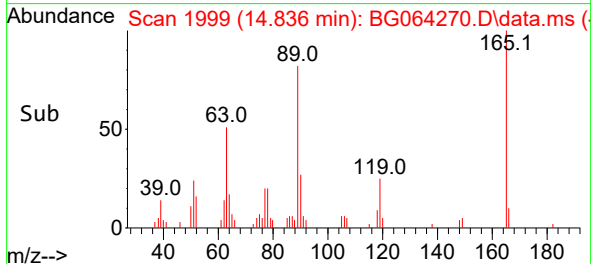
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:165 Resp: 12079
Ion Ratio Lower Upper
165 100
63 51.2 44.6 67.0
89 82.0 63.0 94.4
182 2.5 1.5 2.3#

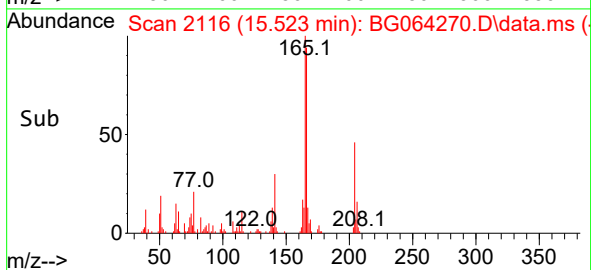
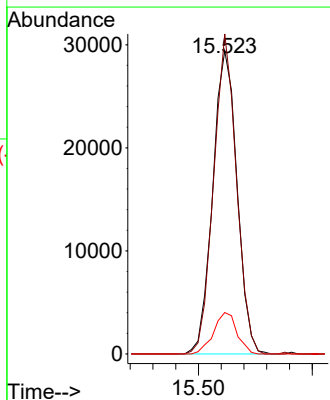
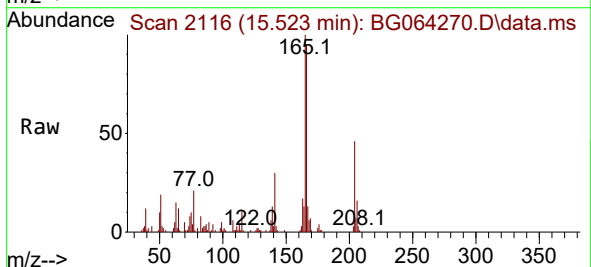
Manual Integrations
APPROVED

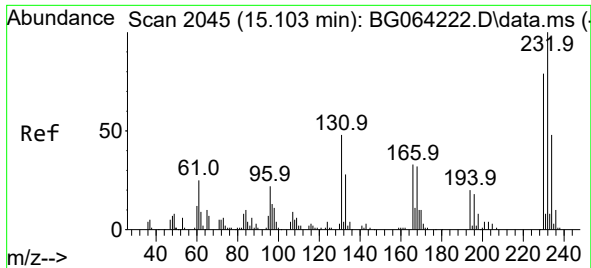
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#58
Fluorene
Concen: 4.551 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

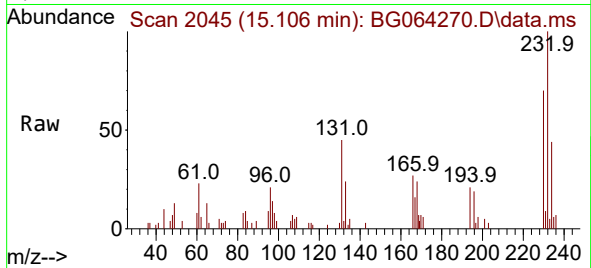
Tgt Ion:166 Resp: 43583
Ion Ratio Lower Upper
166 100
165 105.5 79.1 118.7
167 13.7 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.258 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

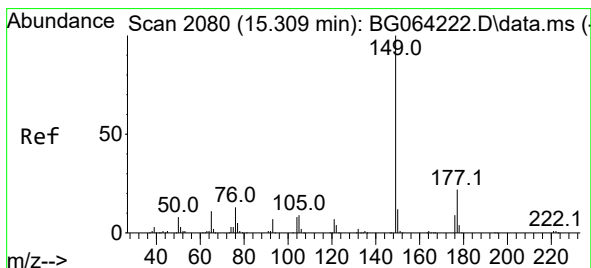
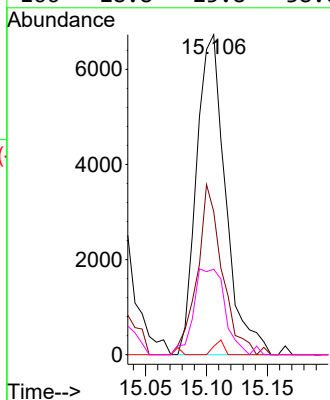
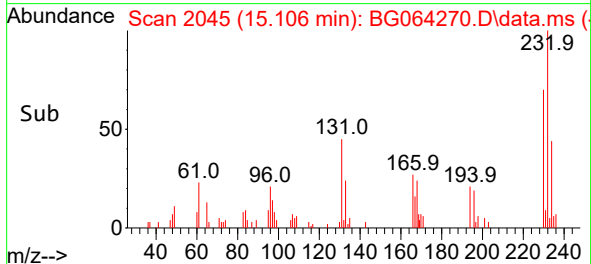
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



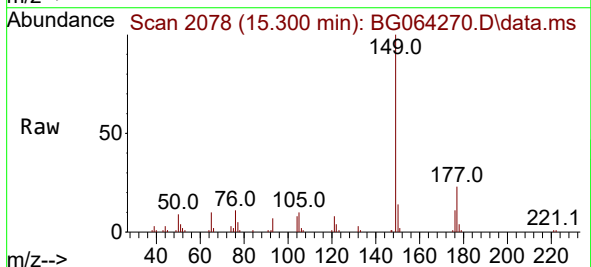
Tgt Ion:232 Resp: 1114
Ion Ratio Lower Upper
232 100
131 46.0 37.1 55.7
130 1.5 2.6 3.8
166 28.8 25.8 38.6

Manual Integrations
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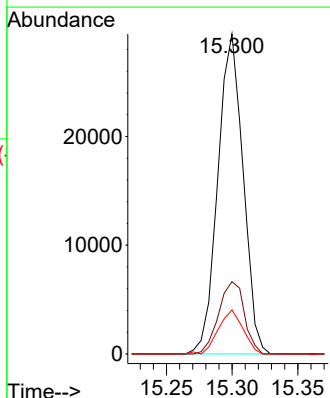
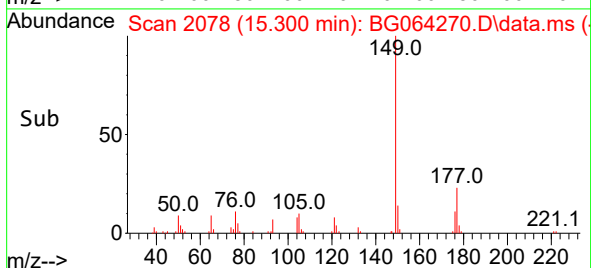
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

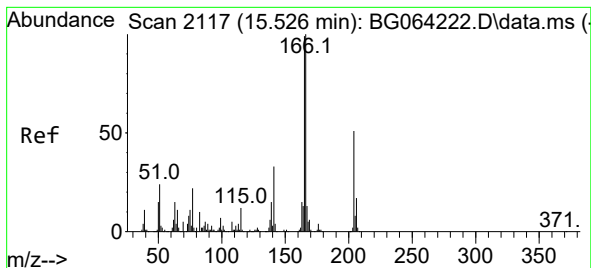


#60
Diethylphthalate
Concen: 3.734 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



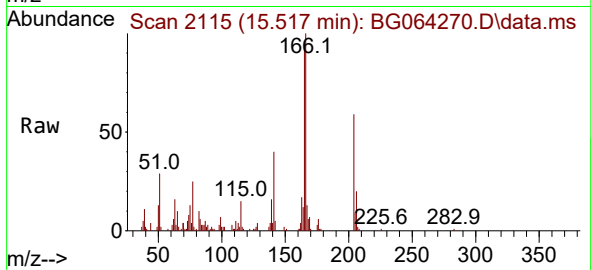
Tgt Ion:149 Resp: 39338
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 13.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 4.328 ng
RT: 15.517 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

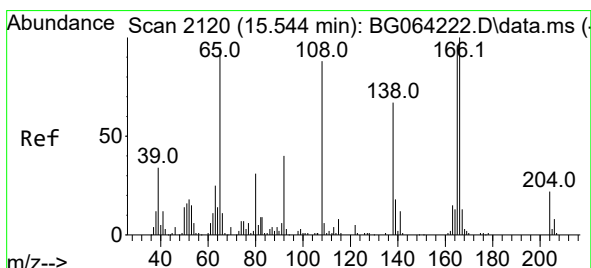
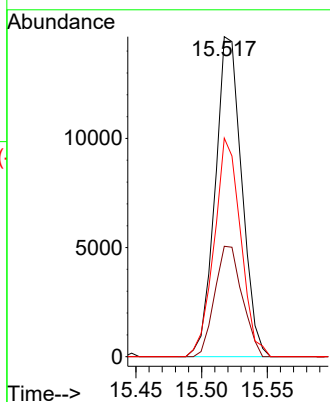
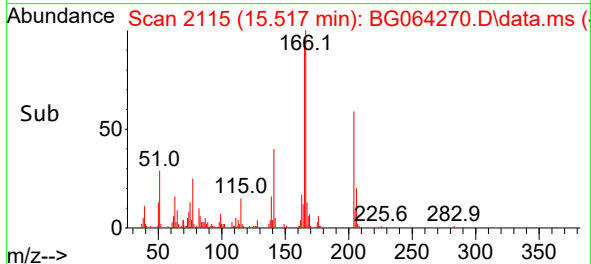
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:204 Resp: 2066
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.4
141 68.3 51.9 77.9

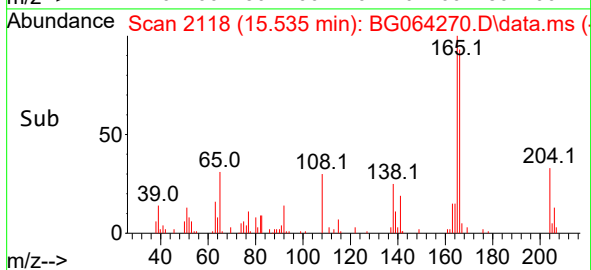
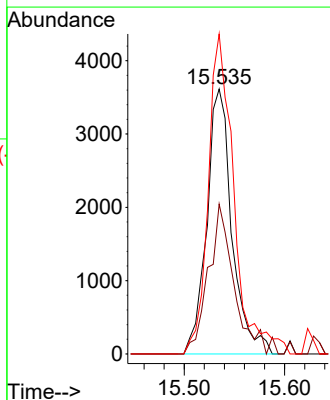
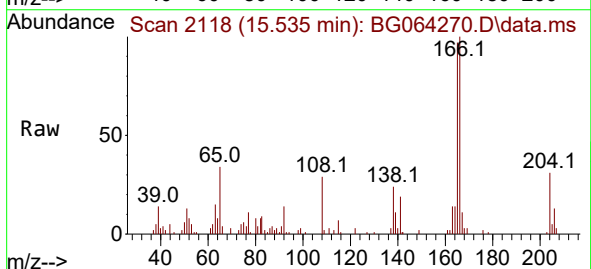
Manual Integrations
APPROVED

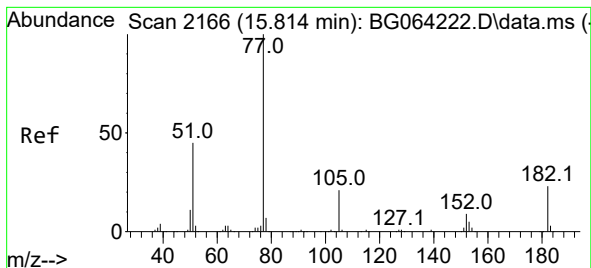
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#62
4-Nitroaniline
Concen: 3.096 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.021 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

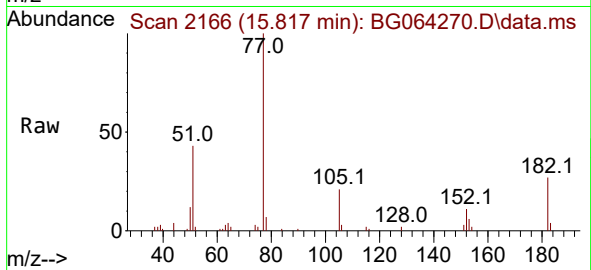
Tgt Ion:138 Resp: 6306
Ion Ratio Lower Upper
138 100
92 56.6 39.1 79.1
108 120.8 111.3 151.3





#63
Azobenzene
Concen: 4.374 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

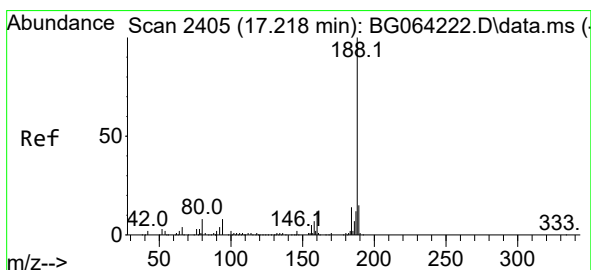
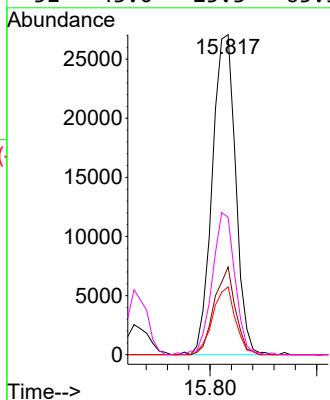
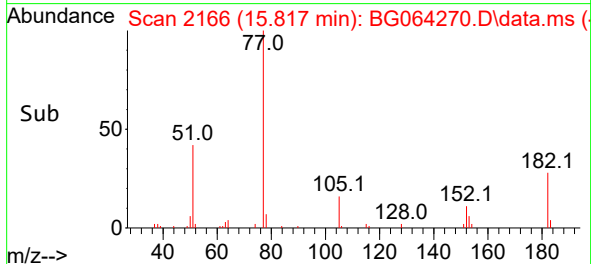
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



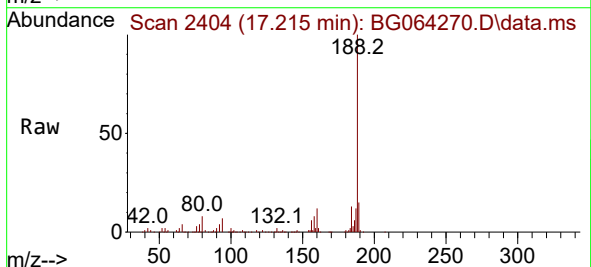
Tgt Ion: 77 Resp: 41060
Ion Ratio Lower Upper
77 100
182 27.4 3.3 43.3
105 21.2 0.6 40.6
51 43.0 25.3 65.3

Manual Integrations
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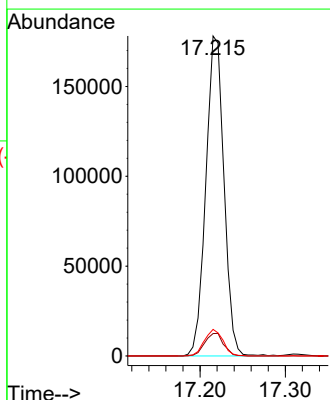
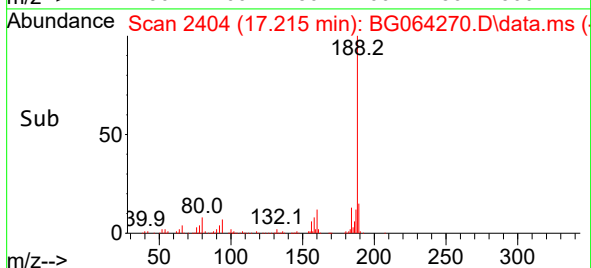
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

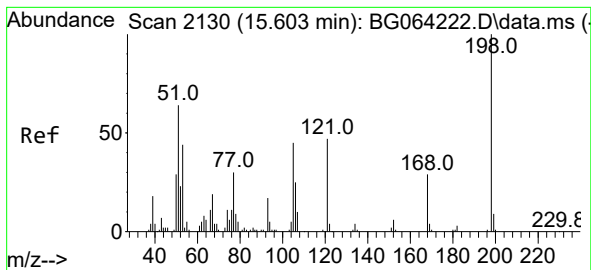


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



Tgt Ion:188 Resp: 263032
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.3 6.8 10.2





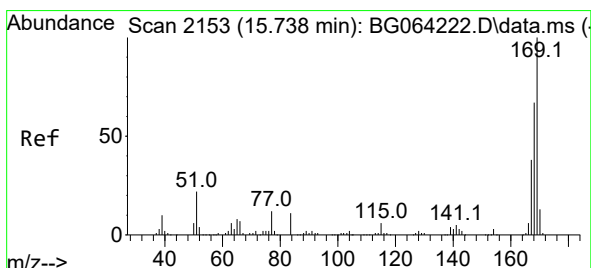
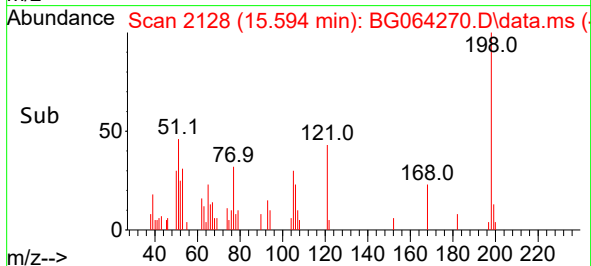
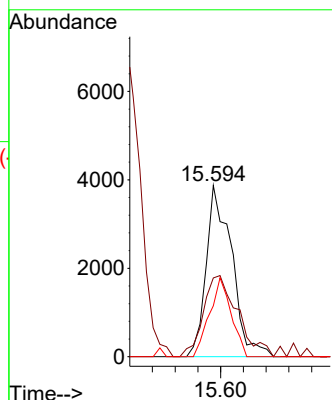
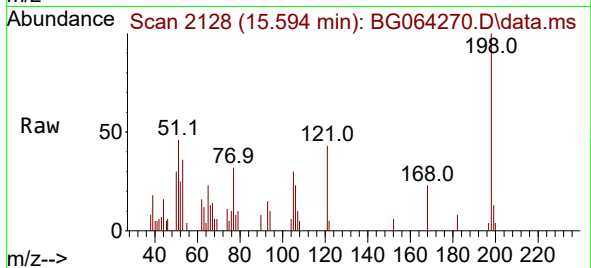
#65
4,6-Dinitro-2-methylphenol
Concen: 4.008 ng
RT: 15.594 min Scan# 2128
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:198 Resp: 6052
Ion Ratio Lower Upper
198 100
51 46.0 46.2 86.2
105 29.8 25.0 65.0

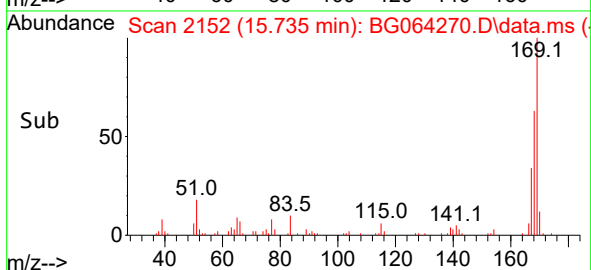
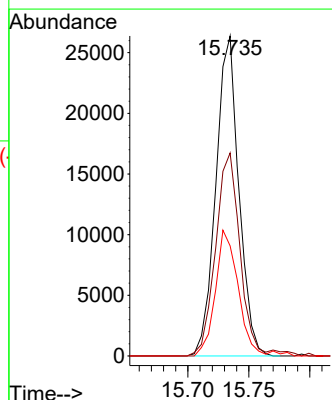
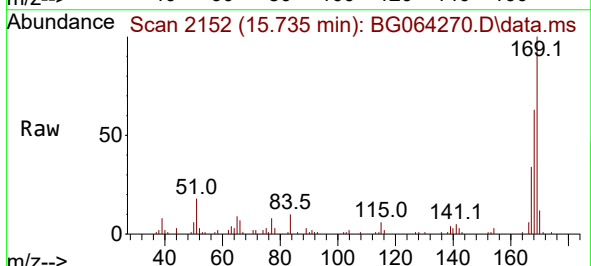
Manual Integrations
APPROVED

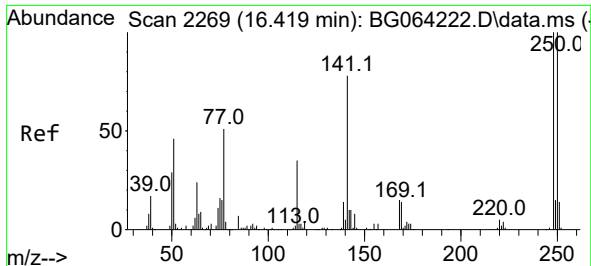
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#66
n-Nitrosodiphenylamine
Concen: 4.780 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

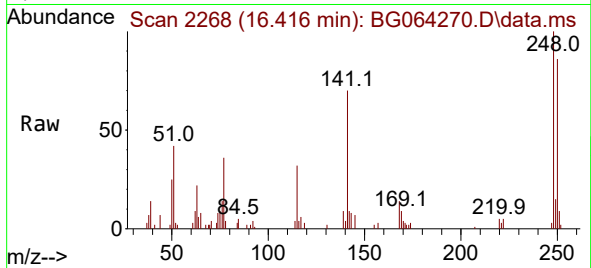
Tgt Ion:169 Resp: 34589
Ion Ratio Lower Upper
169 100
168 63.5 53.8 80.8
167 34.4 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 5.006 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

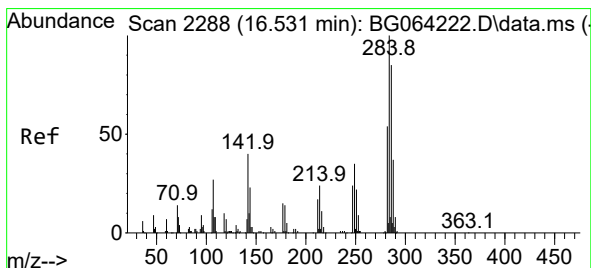
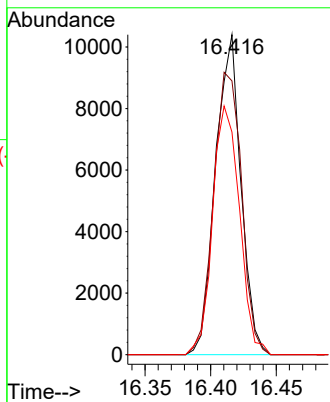
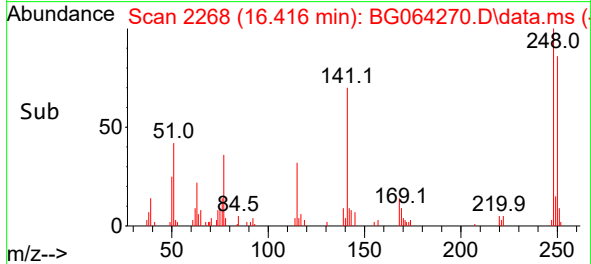
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:248 Resp: 13980
Ion Ratio Lower Upper
248 100
250 85.5 80.2 120.4
141 69.6 62.4 93.6

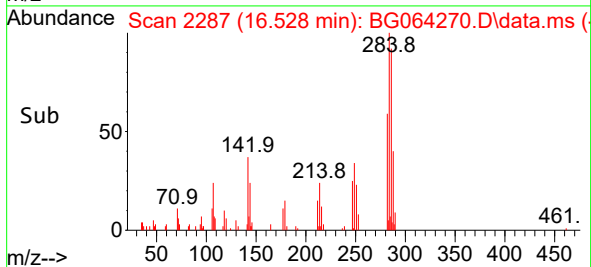
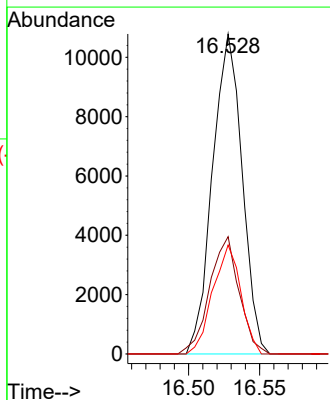
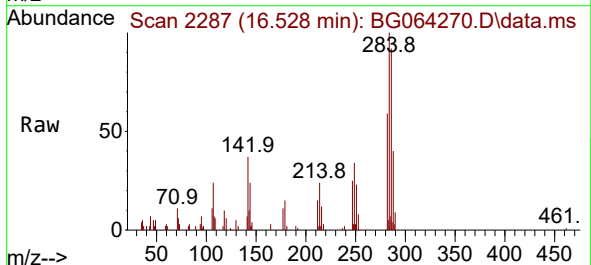
Manual Integrations
APPROVED

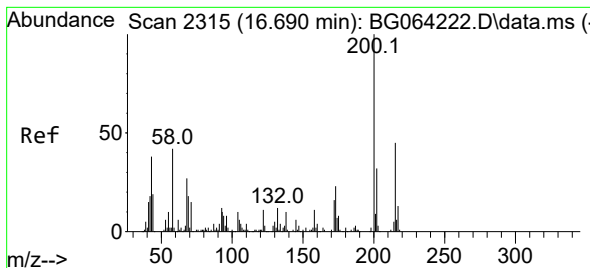
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#68
Hexachlorobenzene
Concen: 5.032 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:284 Resp: 15612
Ion Ratio Lower Upper
284 100
142 36.6 32.1 48.1
249 34.0 28.3 42.5





#69

Atrazine

Concen: 3.780 ng

RT: 16.681 min Scan# 211

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

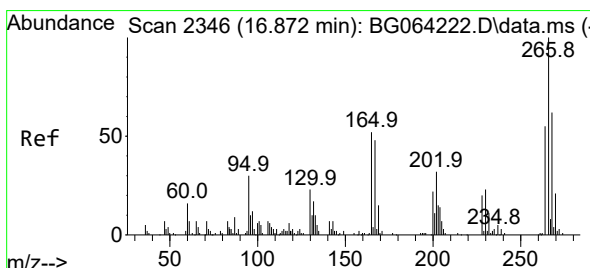
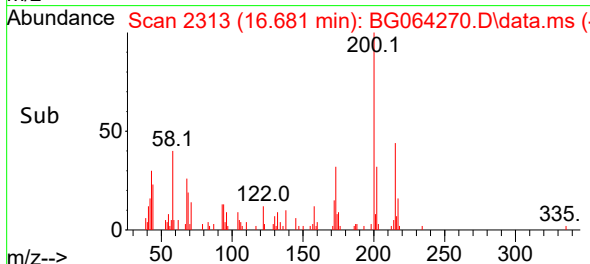
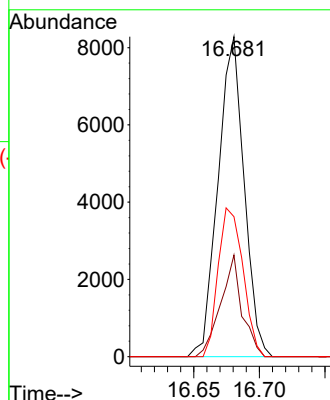
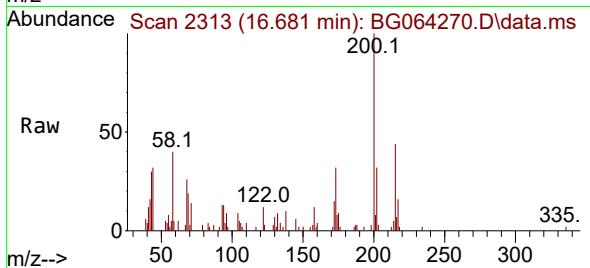
Tgt Ion:200 Resp: 11419
 Ion Ratio Lower Upper
 200 100
 173 31.8 3.5 43.5
 215 43.8 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#70

Pentachlorophenol

Concen: 3.481 ng

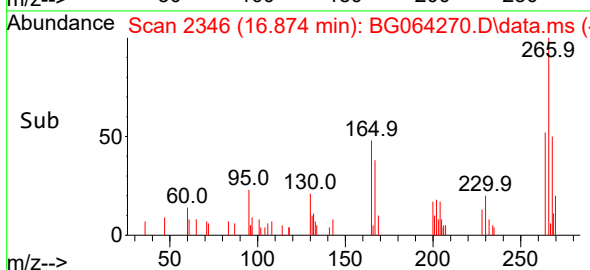
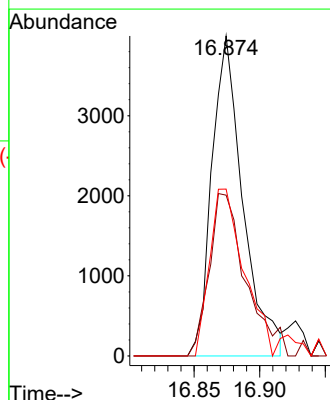
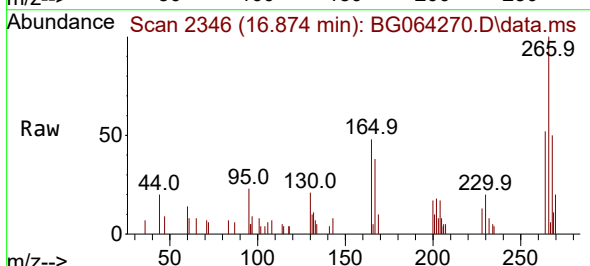
RT: 16.874 min Scan# 2346

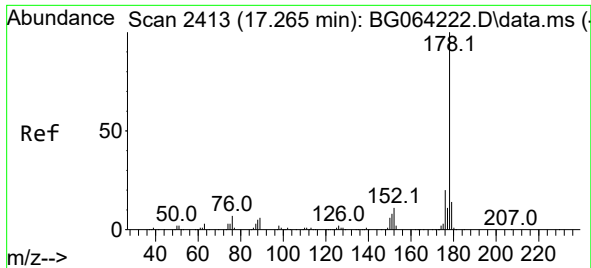
Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Tgt Ion:266 Resp: 6549
 Ion Ratio Lower Upper
 266 100
 268 61.4 49.4 74.0
 264 52.2 44.3 66.5





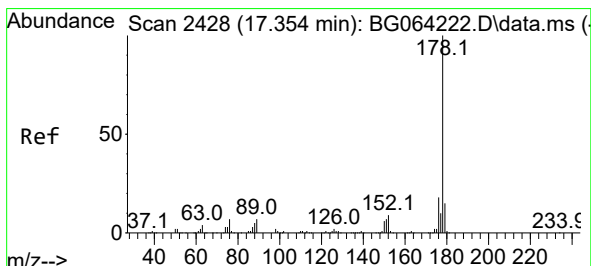
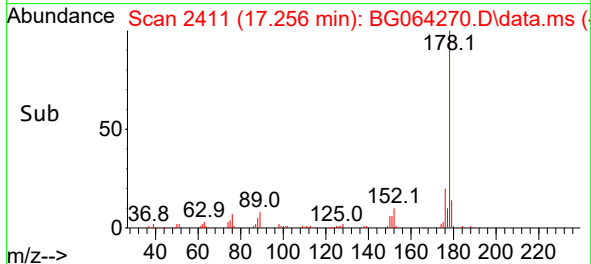
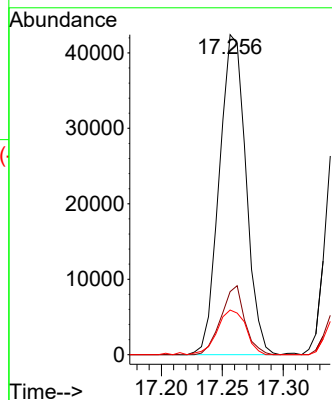
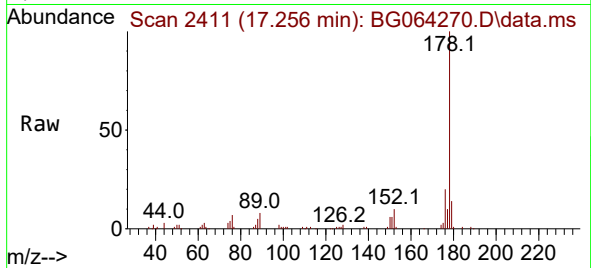
#71
Phenanthrene
Concen: 4.655 ng
RT: 17.256 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:178 Resp: 6458
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 13.9 11.4 17.2

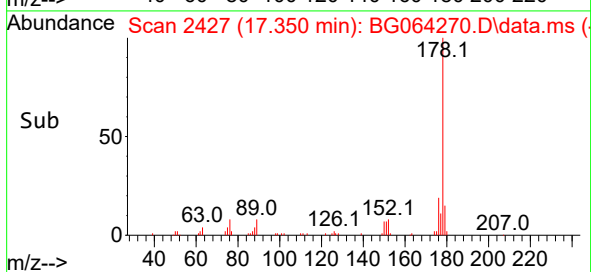
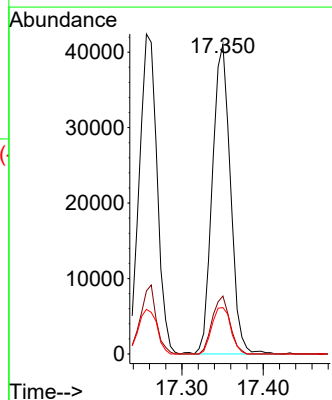
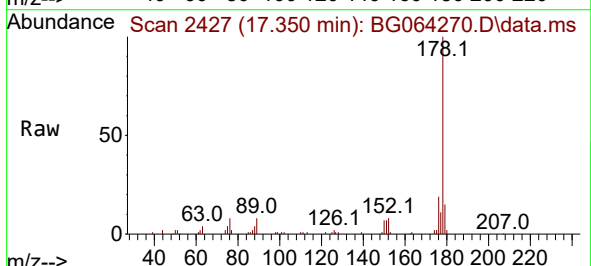
Manual Integrations
APPROVED

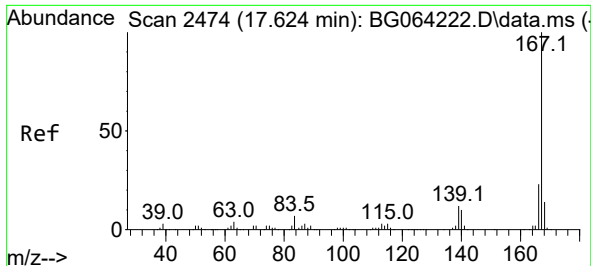
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#72
Anthracene
Concen: 4.495 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

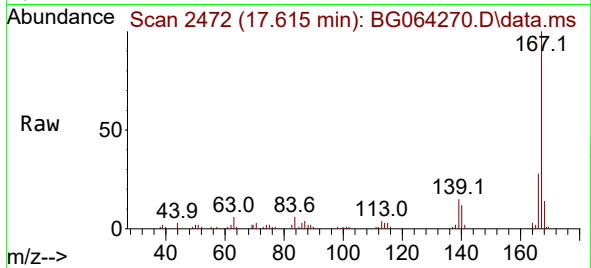
Tgt Ion:178 Resp: 63437
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.0 12.1 18.1





#73
 Carbazole
 Concen: 3.930 ng
 RT: 17.615 min Scan# 2474
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

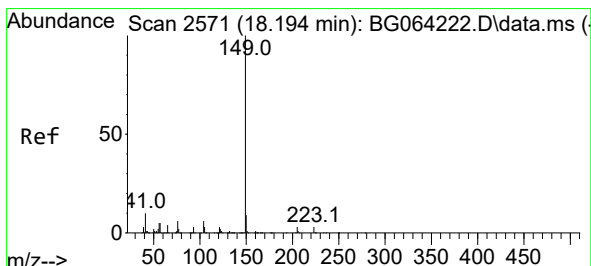
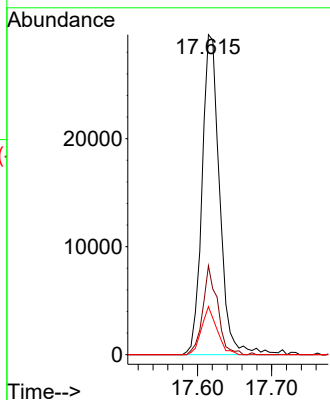
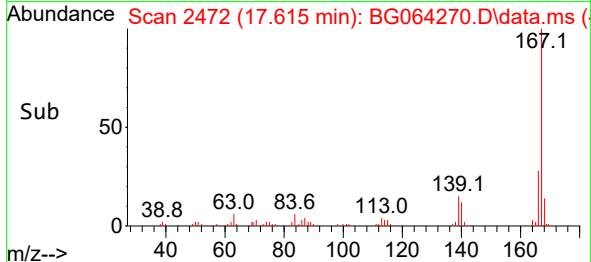
Instrument : BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



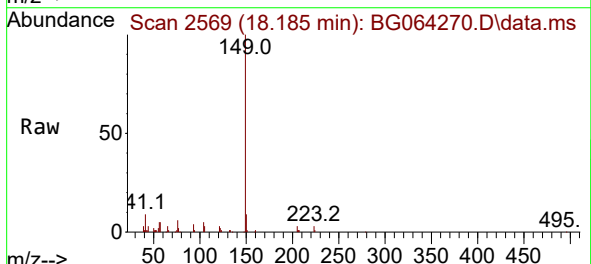
Tgt Ion:167 Resp: 4885
 Ion Ratio Lower Upper
 167 100
 166 27.8 18.2 27.2
 139 15.0 9.8 14.6

Manual Integrations
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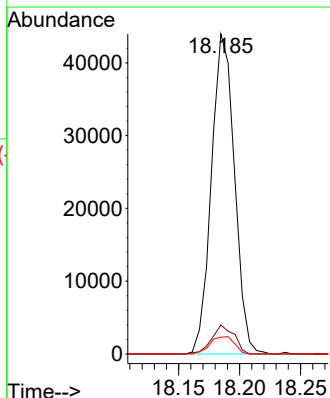
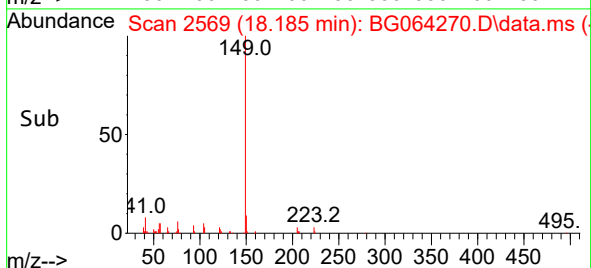
Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

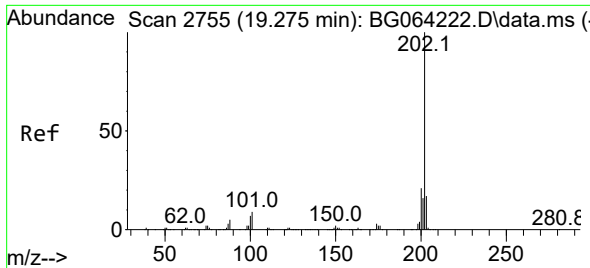


#74
 Di-n-butylphthalate
 Concen: 3.878 ng
 RT: 18.185 min Scan# 2569
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43



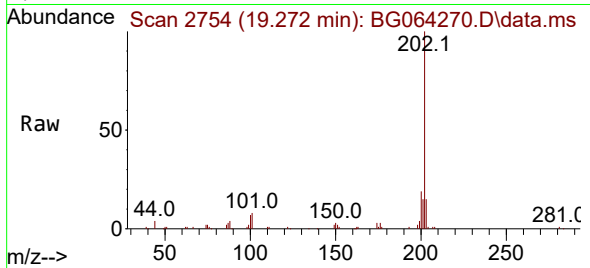
Tgt Ion:149 Resp: 57927
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.2 4.6 7.0





#75
Fluoranthene
Concen: 3.783 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

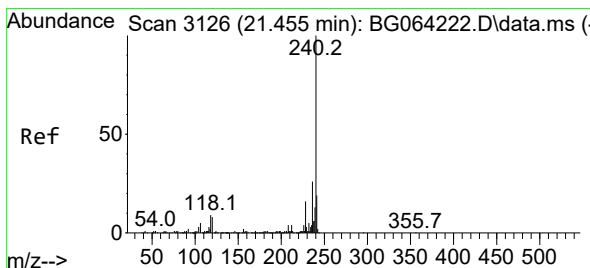
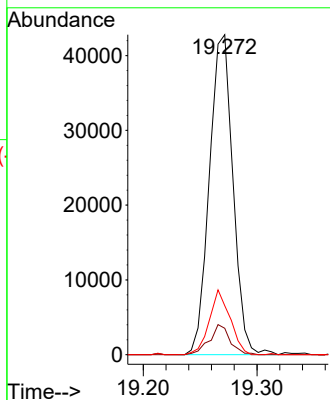
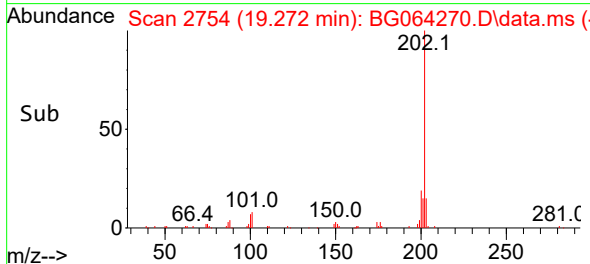
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



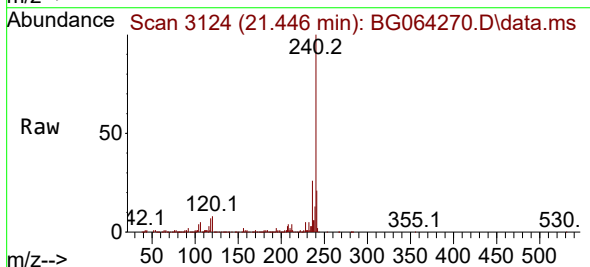
Tgt Ion:202 Resp: 61714
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.7
203 15.3 0.0 36.9

Manual Integrations
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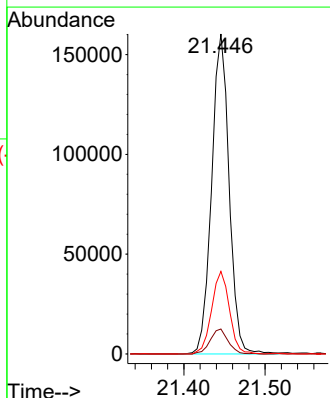
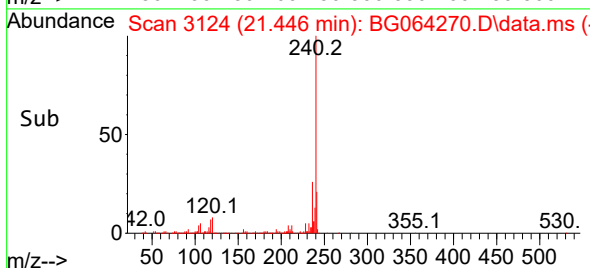
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

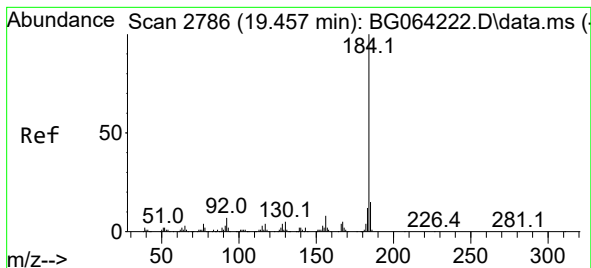


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



Tgt Ion:240 Resp: 239724
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 25.8 20.5 30.7





#77

Benzidine

Concen: 4.690 ng

RT: 19.448 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

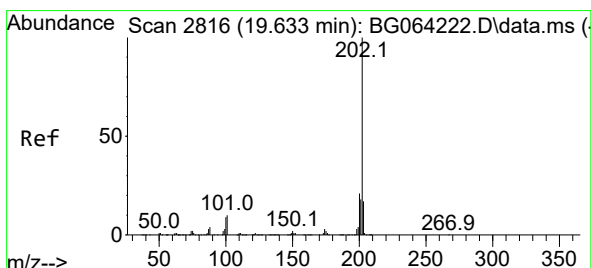
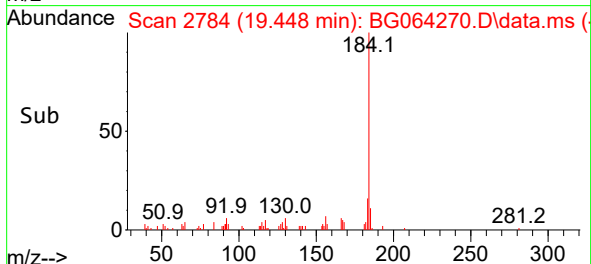
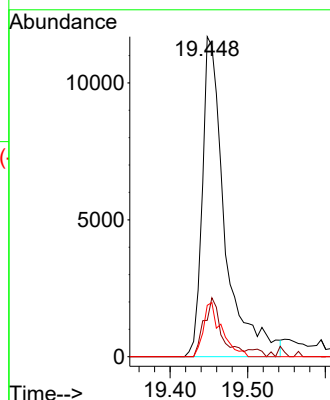
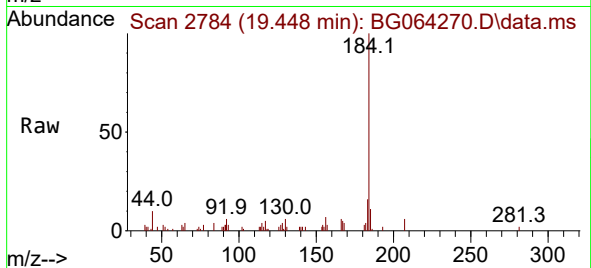
Tgt Ion:184 Resp: 2365
 Ion Ratio Lower Upper
 184 100
 185 11.4 11.7 17.5
 183 16.0 9.7 14.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#78

Pyrene

Concen: 4.285 ng

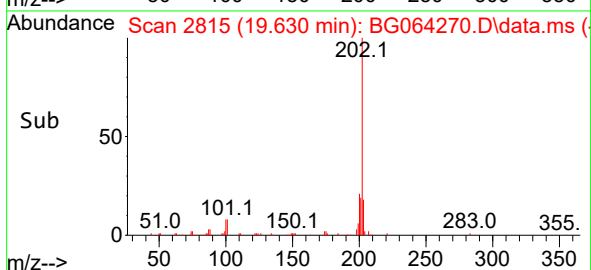
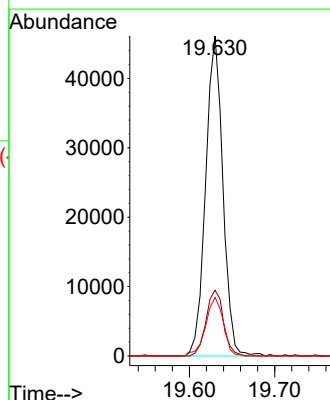
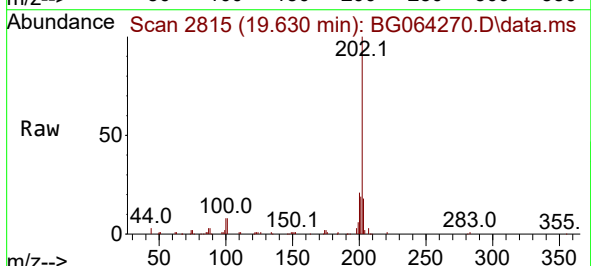
RT: 19.630 min Scan# 2815

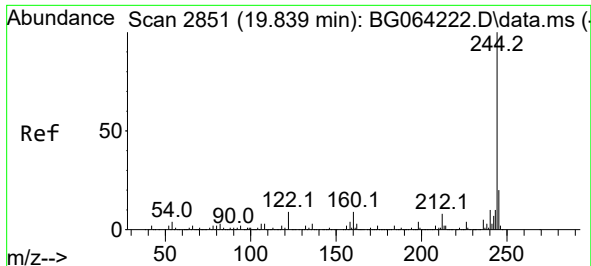
Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

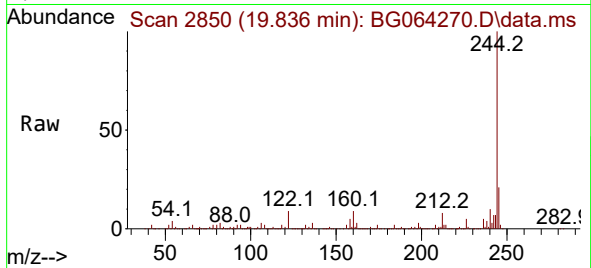
Tgt Ion:202 Resp: 64714
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.9 25.3
 203 18.3 13.8 20.8





#79
 Terphenyl-d14
 Concen: 102.253 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

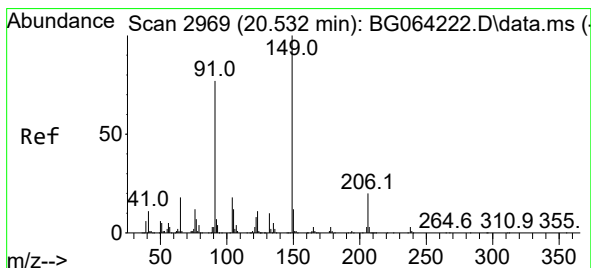
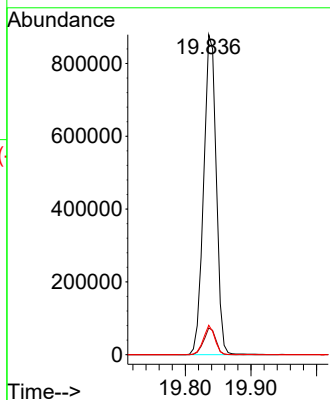
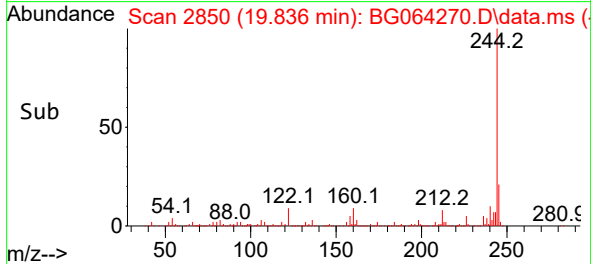
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



Tgt Ion:244 Resp: 1174894
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 9.2 7.0 10.6

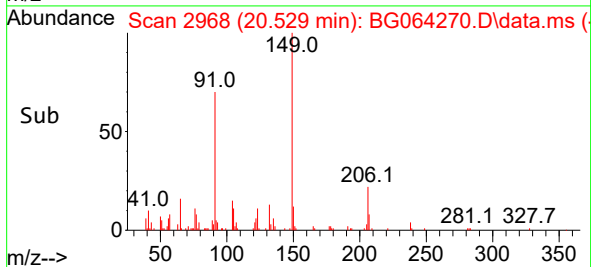
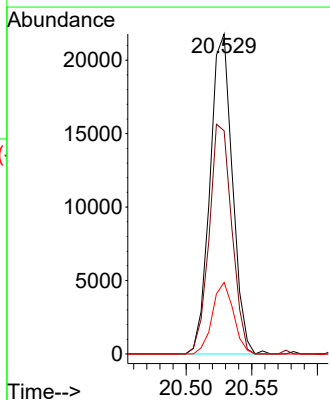
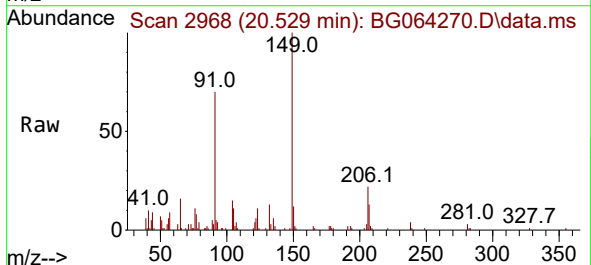
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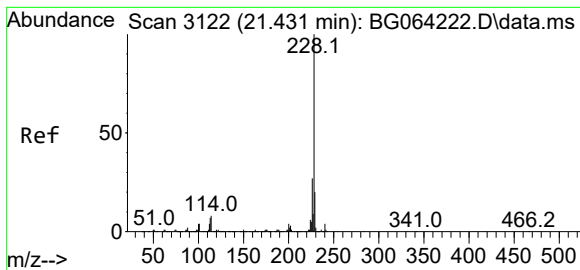
Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025



#80
 Butylbenzylphthalate
 Concen: 4.536 ng
 RT: 20.529 min Scan# 2968
 Delta R.T. -0.004 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:149 Resp: 25840
 Ion Ratio Lower Upper
 149 100
 91 69.7 61.4 92.0
 206 22.4 15.8 23.6





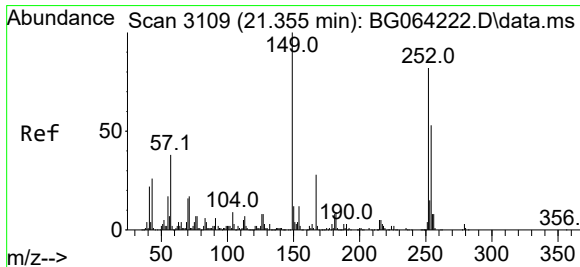
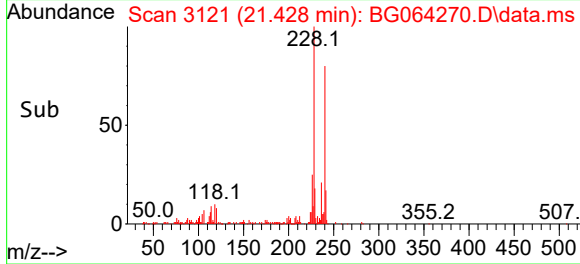
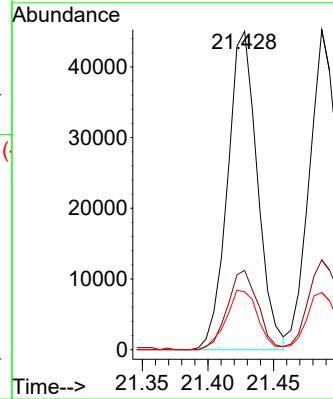
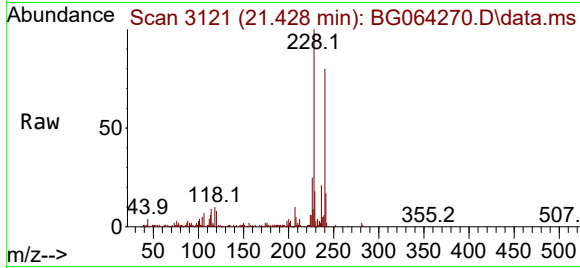
#81
Benzo(a)anthracene
Concen: 4.641 ng
RT: 21.428 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	228	Resp:	71170
Ion Ratio	Lower	Upper	
228	100		
226	24.9	21.7	32.5
229	18.1	15.9	23.9

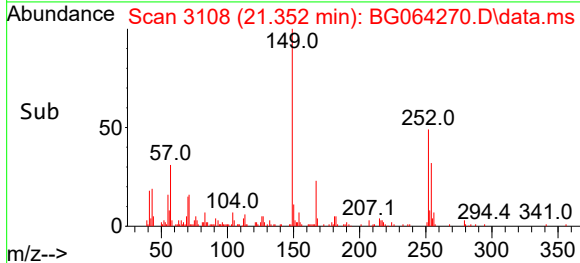
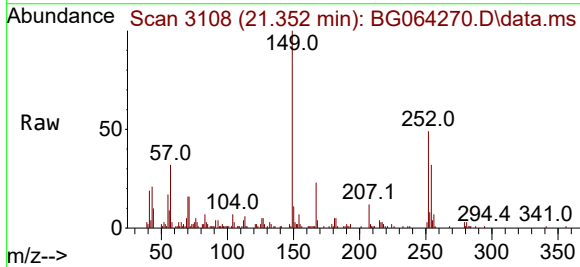
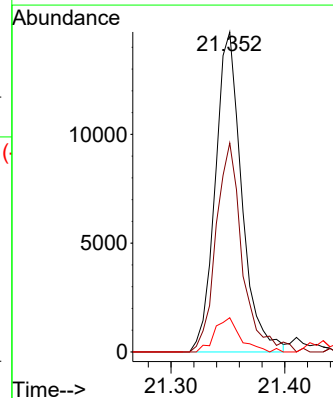
Manual Integrations
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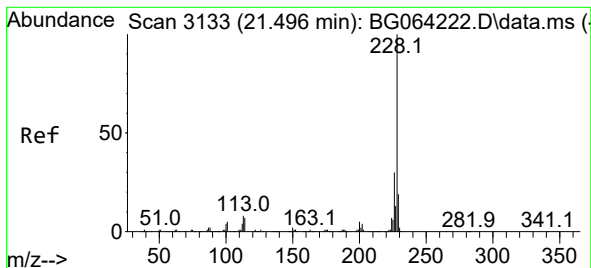
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 4.747 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:	252	Resp:	23710
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.9	77.9
126	10.7	7.6	11.4





#83

Chrysene

Concen: 4.577 ng

RT: 21.487 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:228 Resp: 6738

Ion Ratio Lower Upper

228 100

226 28.0 24.2 36.2

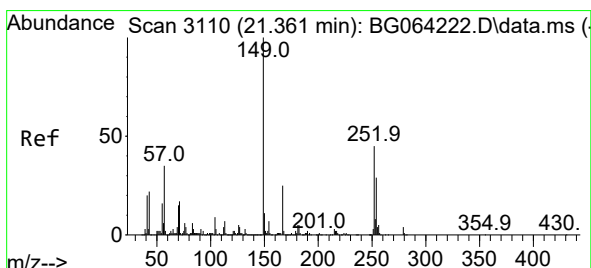
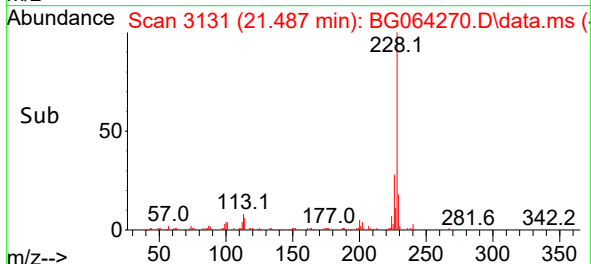
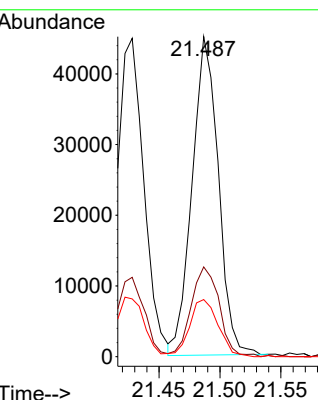
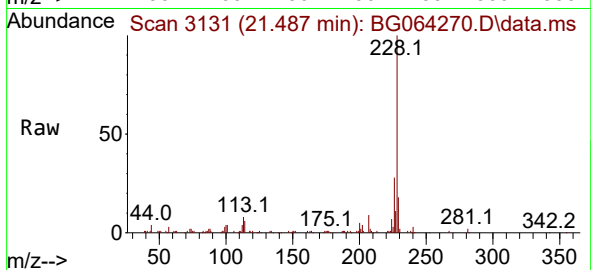
229 17.9 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.611 ng

RT: 21.352 min Scan# 3108

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

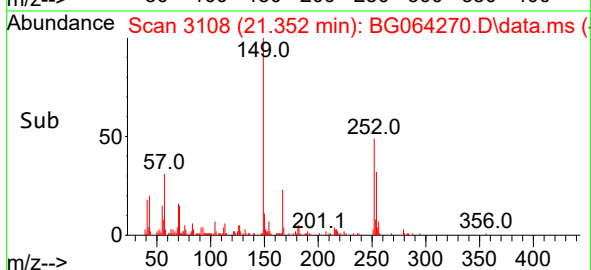
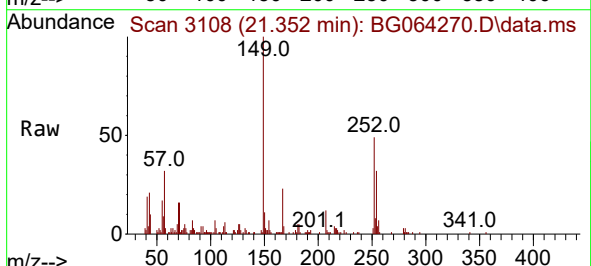
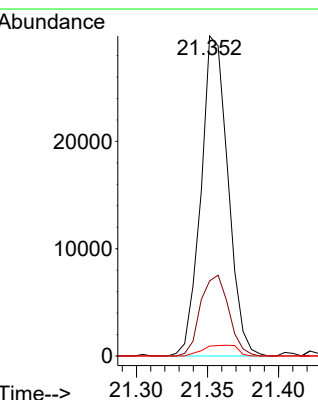
Tgt Ion:149 Resp: 39432

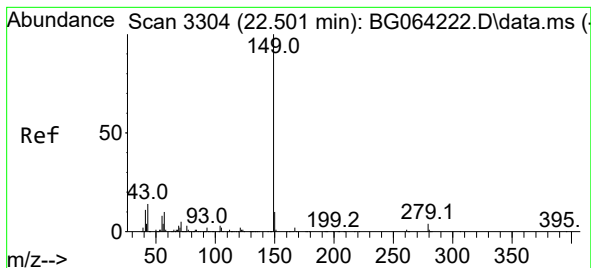
Ion Ratio Lower Upper

149 100

167 23.5 20.0 30.0

279 3.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 4.594 ng

RT: 22.491 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:149 Resp: 68462

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

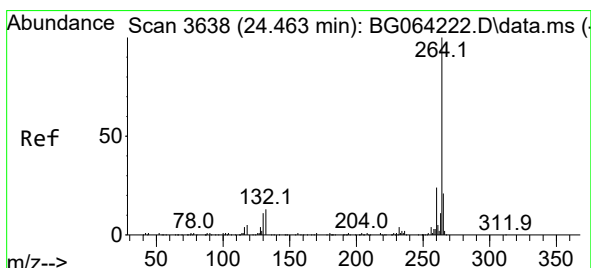
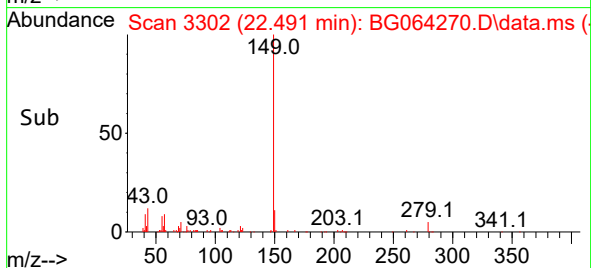
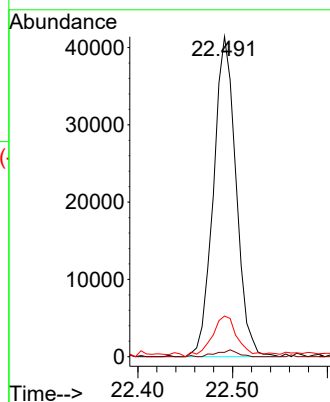
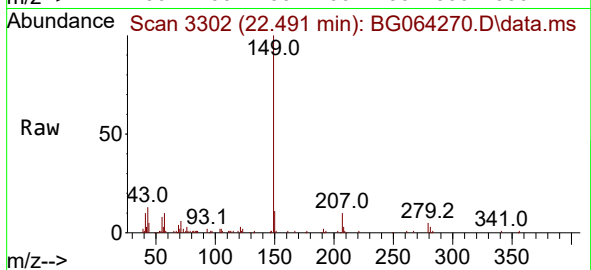
43 14.4 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.454 min Scan# 3636

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

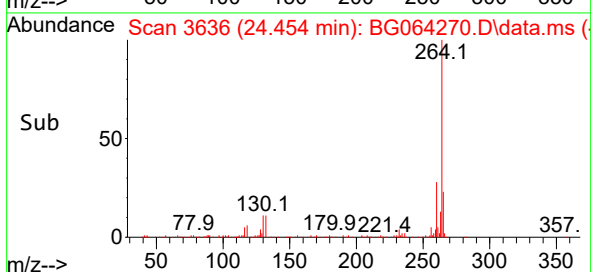
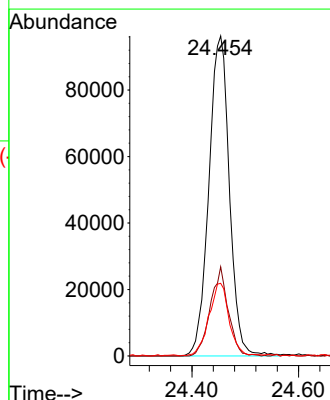
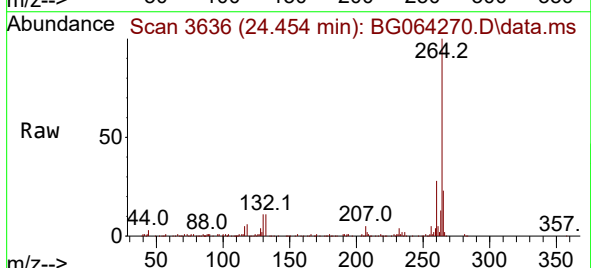
Tgt Ion:264 Resp: 257749

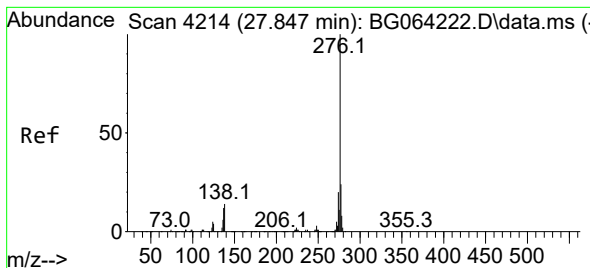
Ion Ratio Lower Upper

264 100

260 27.8 18.9 28.3

265 22.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.503 ng

RT: 27.820 min Scan# 4214

Delta R.T. -0.051 min

Lab File: BG064270.D

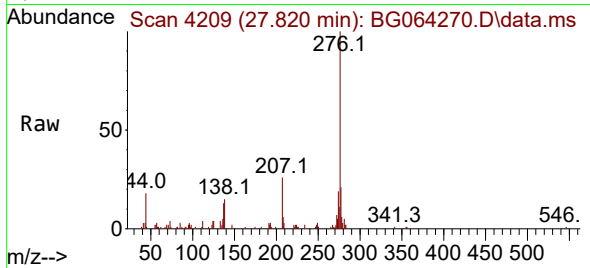
Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



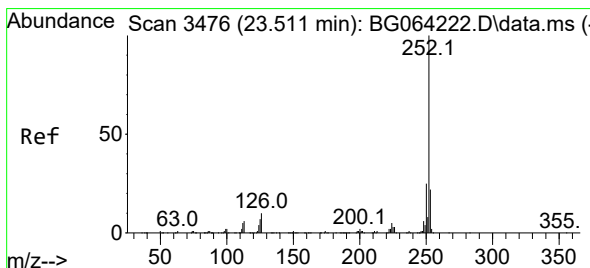
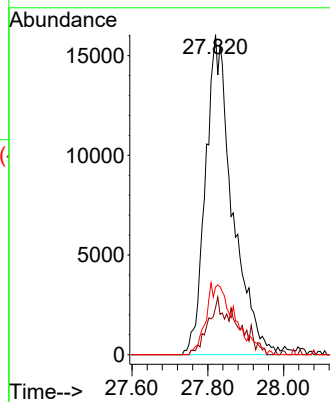
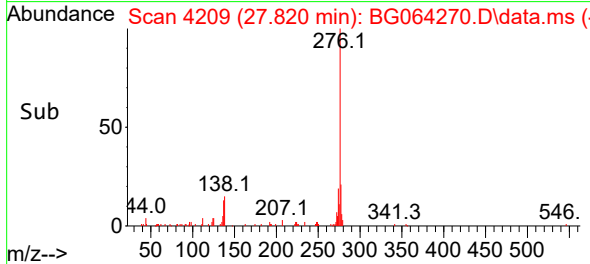
Tgt Ion:	276	Resp:	7926
Ion Ratio	Lower	Upper	
276	100		
138	9.7	7.4	11.0
277	7.1	20.5	30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#88

Benzo(b)fluoranthene

Concen: 4.634 ng

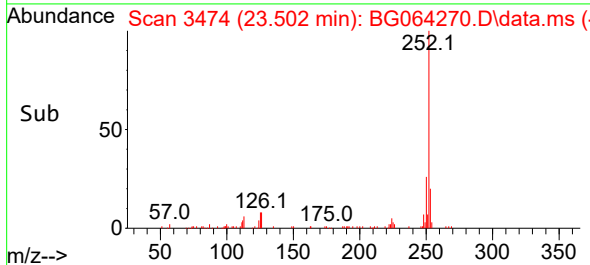
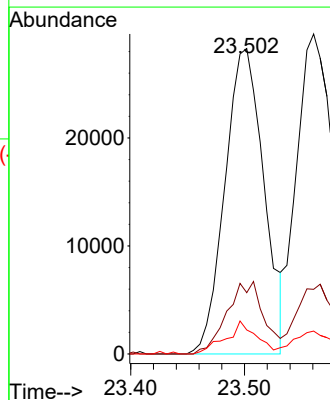
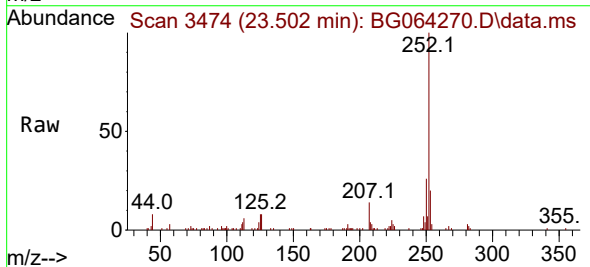
RT: 23.502 min Scan# 3474

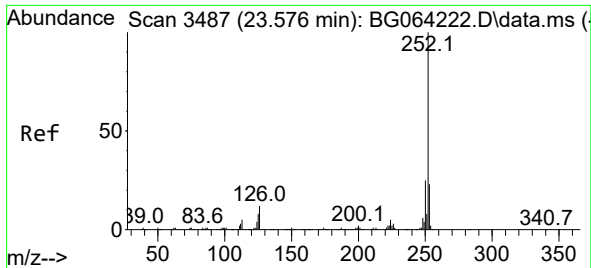
Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

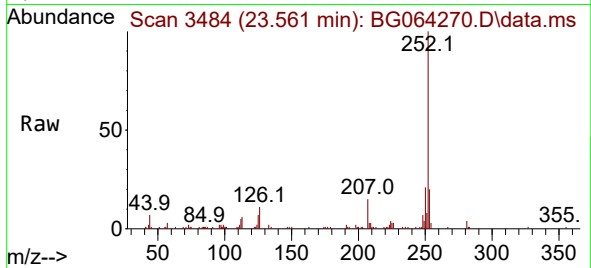
Tgt Ion:	252	Resp:	67415
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.5	26.3
125	7.9	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 4.502 ng
RT: 23.561 min Scan# 3487
Delta R.T. -0.027 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

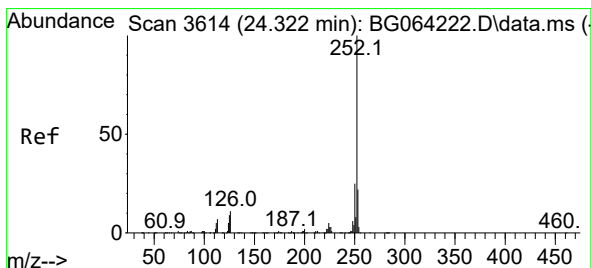
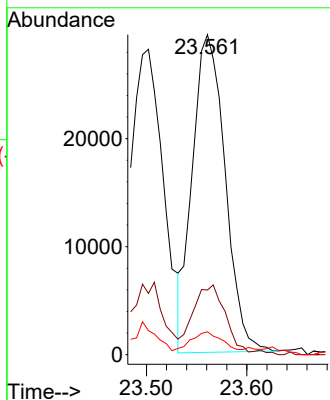
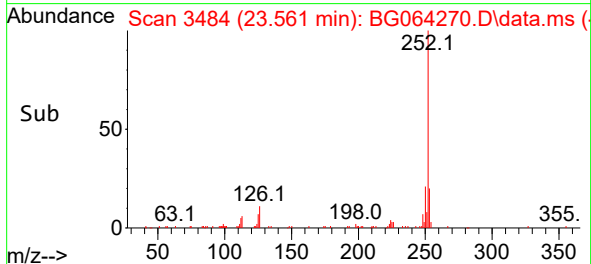
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:252 Resp: 66715
Ion Ratio Lower Upper
252 100
253 20.2 18.2 27.4
125 7.2 7.0 10.4

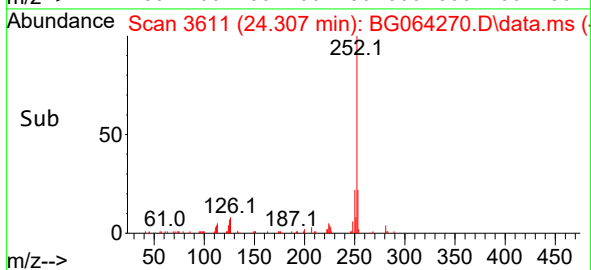
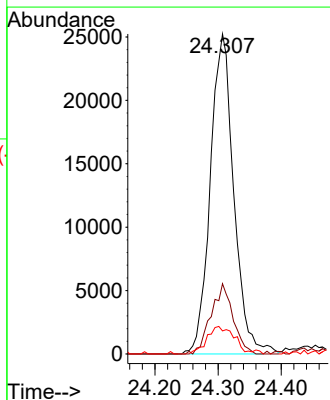
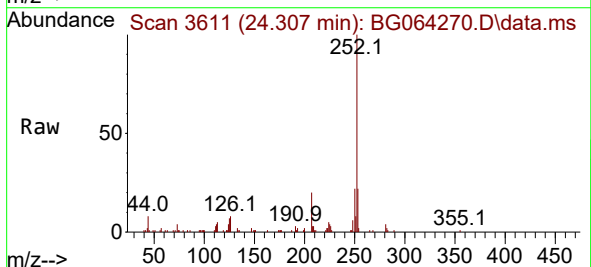
Manual Integrations
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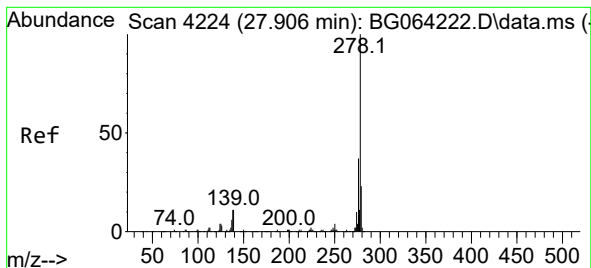
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#90
Benzo(a)pyrene
Concen: 4.817 ng
RT: 24.307 min Scan# 3611
Delta R.T. -0.021 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:252 Resp: 65189
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 4.547 ng

RT: 27.891 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

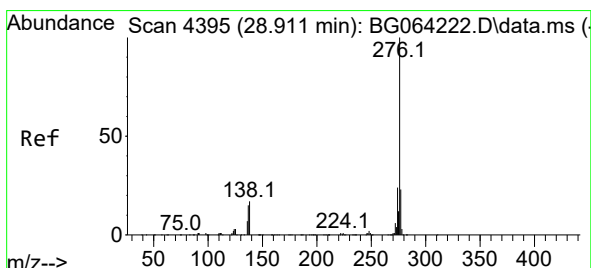
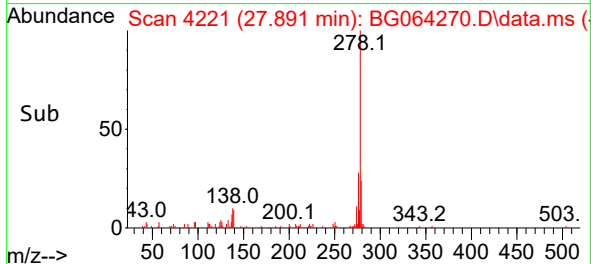
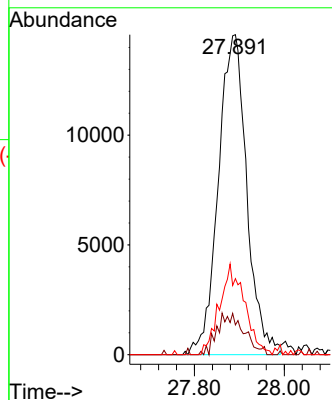
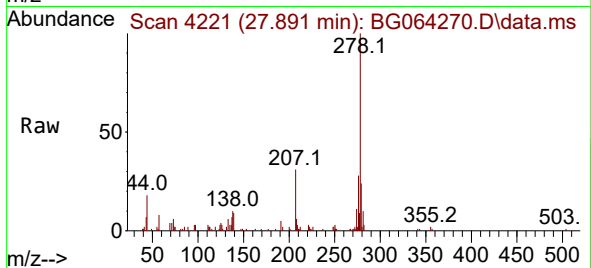
Tgt Ion:278 Resp: 64264
Ion Ratio Lower Upper
278 100
139 9.3 9.0 13.4
279 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#92

Benzo(g,h,i)perylene

Concen: 4.644 ng

RT: 28.878 min Scan# 4389

Delta R.T. -0.056 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Tgt Ion:276 Resp: 63867
Ion Ratio Lower Upper
276 100
277 21.4 18.2 27.4
138 14.5 13.3 19.9

