

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064003.D
 Acq On : 5 Feb 2025 17:52
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 06 01:26:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	49956	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	214108	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	142097	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	320869	20.000	ng	0.00
76) Chrysene-d12	21.467	240	364672	20.000	ng	0.00
86) Perylene-d12	24.492	264	380311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	425551	136.579	ng	0.00
7) Phenol-d6	7.036	99	569798	133.259	ng	0.00
23) Nitrobenzene-d5	9.022	82	373325	105.970	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	208035	127.103	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	846181	91.238	ng	0.00
79) Terphenyl-d14	19.857	244	1610222	92.217	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	8317	5.621	ng	95
3) Pyridine	3.781	79	15843	3.965	ng	# 91
4) n-Nitrosodimethylamine	3.693	42	10185	4.433	ng	# 80
6) Aniline	7.201	93	21729	4.742	ng	# 92
8) 2-Chlorophenol	7.436	128	15303	4.820	ng	96
9) Benzaldehyde	7.013	77	16008	6.858	ng	87
10) Phenol	7.060	94	21085	4.685	ng	98
11) bis(2-Chloroethyl)ether	7.301	93	15807	4.361	ng	97
12) 1,3-Dichlorobenzene	7.765	146	16841	4.458	ng	95
13) 1,4-Dichlorobenzene	7.912	146	18098	4.743	ng	98
14) 1,2-Dichlorobenzene	8.229	146	17082	4.671	ng	91
15) Benzyl Alcohol	8.100	79	13880	4.343	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	34649	4.748	ng	99
17) 2-Methylphenol	8.300	107	12662	4.350	ng	96
18) Hexachloroethane	8.946	117	6629	5.279	ng	88
19) n-Nitroso-di-n-propyla...	8.670	70	13699	4.626	ng	91
20) 3+4-Methylphenols	8.629	107	16110	4.154	ng	92
22) Acetophenone	8.687	105	25737	4.375	ng	# 96
24) Nitrobenzene	9.063	77	18455	7.996	ng	94
25) Isophorone	9.586	82	35582	4.659	ng	98
26) 2-Nitrophenol	9.774	139	4344	9.285	ng	# 93
27) 2,4-Dimethylphenol	9.833	122	6836	3.112	ng	# 92
28) bis(2-Chloroethoxy)met...	10.068	93	21321	4.387	ng	# 95
29) 2,4-Dichlorophenol	10.303	162	11838	7.420	ng	90
30) 1,2,4-Trichlorobenzene	10.526	180	16457	4.560	ng	96
31) Naphthalene	10.709	128	50469	4.397	ng	# 96
32) Benzoic acid	9.898	122	1856	7.207	ng	# 64
33) 4-Chloroaniline	10.808	127	18276	4.155	ng	# 94
34) Hexachlorobutadiene	11.002	225	10785	4.692	ng	93
35) Caprolactam	11.537	113	4050	8.524	ng	# 92
36) 4-Chloro-3-methylphenol	11.931	107	15426	4.387	ng	96
37) 2-Methylnaphthalene	12.318	142	34407	4.301	ng	100
38) 1-Methylnaphthalene	12.536	142	32162m	4.063	ng	
40) 1,2,4,5-Tetrachloroben...	12.683	216	19422	4.635	ng	99
41) Hexachlorocyclopentadiene	12.677	237	4223	3.982	ng	94
43) 2,4,6-Trichlorophenol	12.924	196	8285m	7.918	ng	

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Quant Time: Feb 06 01:26:32 2025
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Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.988	196	10355	7.370	ng	#	85
46) 1,1'-Biphenyl	13.329	154	49603	4.585	ng		97
47) 2-Chloronaphthalene	13.370	162	35445	4.495	ng		96
48) 2-Nitroaniline	13.564	65	8522	8.748	ng	#	82
49) Acenaphthylene	14.216	152	54531	4.452	ng		98
50) Dimethylphthalate	13.952	163	41540	4.409	ng	#	96
51) 2,6-Dinitrotoluene	14.063	165	5738	7.753	ng		99
52) Acenaphthene	14.557	154	36090	4.393	ng		93
53) 3-Nitroaniline	14.387	138	6383	8.051	ng	#	93
54) 2,4-Dinitrophenol	14.592	184	1103	6.265	ng	#	90
55) Dibenzofuran	14.892	168	55190	4.137	ng		99
56) 4-Nitrophenol	14.686	139	5893	11.328	ng		90
57) 2,4-Dinitrotoluene	14.845	165	8303	8.600	ng	#	82
58) Fluorene	15.544	166	43895	4.257	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.115	232	9410m	8.347	ng		
60) Diethylphthalate	15.321	149	42641	4.269	ng		95
61) 4-Chlorophenyl-phenyle...	15.538	204	23928	4.625	ng		95
62) 4-Nitroaniline	15.544	138	7208	6.903	ng		90
63) Azobenzene	15.832	77	46668	3.955	ng		96
65) 4,6-Dinitro-2-methylph...	15.609	198	2302	6.969	ng		95
66) n-Nitrosodiphenylamine	15.750	169	37201	4.182	ng		97
67) 4-Bromophenyl-phenylether	16.431	248	14405	4.510	ng		94
68) Hexachlorobenzene	16.543	284	17100	4.554	ng		93
69) Atrazine	16.696	200	14259	4.816	ng		95
70) Pentachlorophenol	16.884	266	7575	11.443	ng	#	89
71) Phenanthrene	17.277	178	76297	4.527	ng		99
72) Anthracene	17.365	178	71231	4.224	ng		98
73) Carbazole	17.630	167	69917	4.429	ng		98
74) Di-n-butylphthalate	18.212	149	74467	4.525	ng		99
75) Fluoranthene	19.287	202	91074	4.438	ng		99
77) Benzidine	19.469	184	24295	3.129	ng	#	88
78) Pyrene	19.645	202	105810	4.700	ng		97
80) Butylbenzylphthalate	20.556	149	30400	8.976	ng		89
81) Benzo(a)anthracene	21.449	228	106193	4.587	ng		98
82) 3,3'-Dichlorobenzidine	21.373	252	31797	4.410	ng		92
83) Chrysene	21.514	228	107379	4.660	ng		96
84) Bis(2-ethylhexyl)phtha...	21.396	149	50548	8.105	ng	#	99
85) Di-n-octyl phthalate	22.548	149	82711	10.371	ng		99
87) Indeno(1,2,3-cd)pyrene	27.894	276	112940	4.603	ng	#	97
88) Benzo(b)fluoranthene	23.535	252	99491	4.443	ng		97
89) Benzo(k)fluoranthene	23.599	252	98302	4.275	ng		99
90) Benzo(a)pyrene	24.346	252	92382	4.622	ng		98
91) Dibenzo(a,h)anthracene	27.953	278	91938	4.438	ng		98
92) Benzo(g,h,i)perylene	28.940	276	90564	4.330	ng		97

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

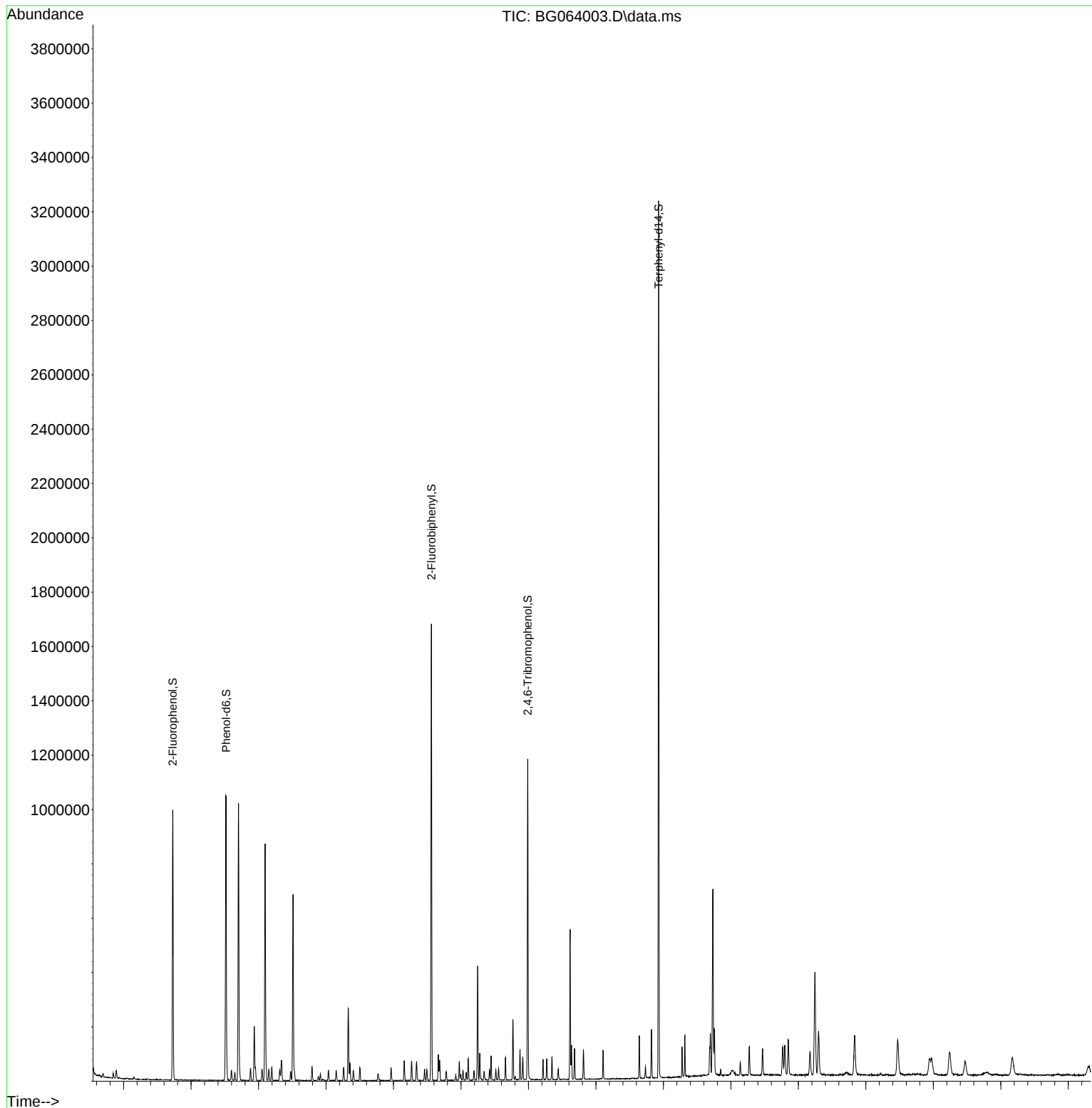
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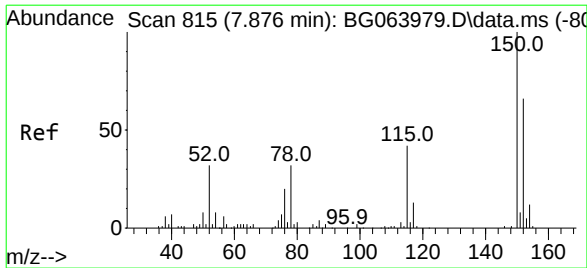
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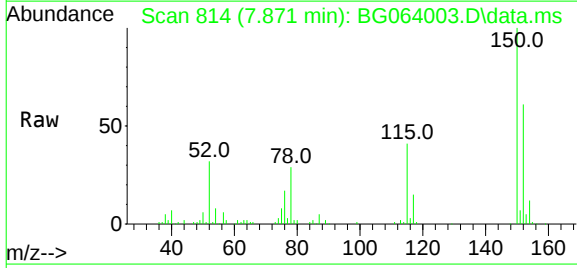
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

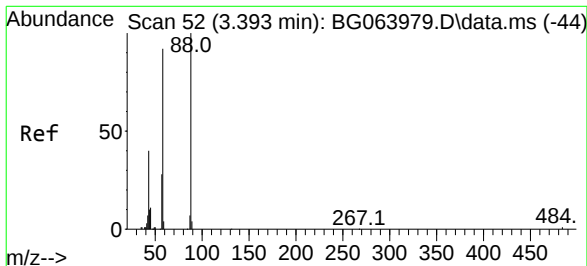
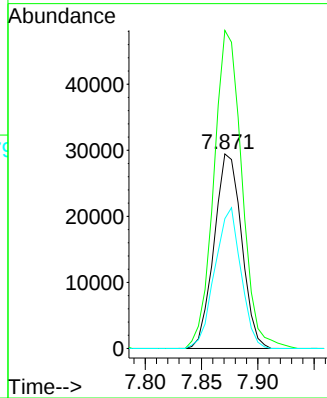
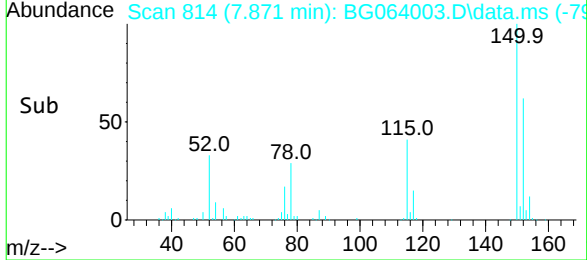
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:152 Resp: 49956
Ion Ratio Lower Upper
152 100
150 163.5 121.0 181.6
115 66.7 50.4 75.6

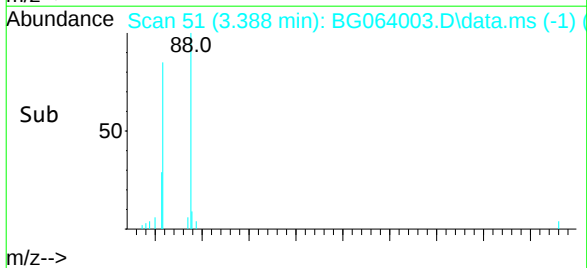
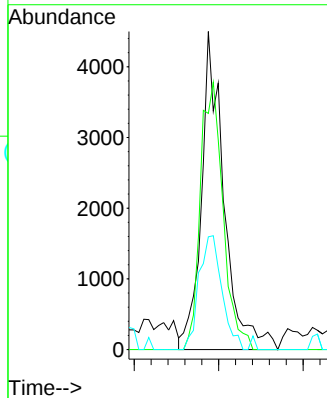
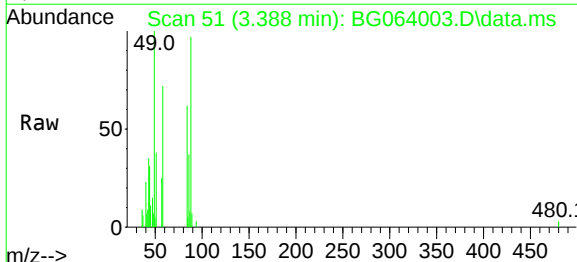
Manual Integrations
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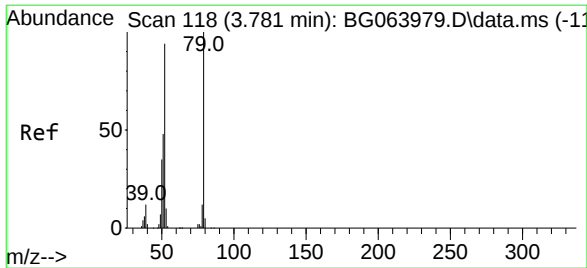
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 5.621 ng
RT: 3.388 min Scan# 51
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

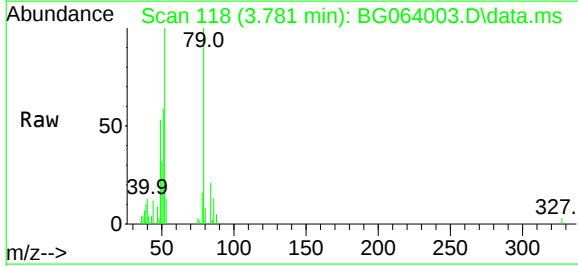
Tgt Ion: 88 Resp: 8317
Ion Ratio Lower Upper
88 100
58 84.6 71.8 107.8
43 36.5 31.2 46.8





#3
Pyridine
Concen: 3.965 ng
RT: 3.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

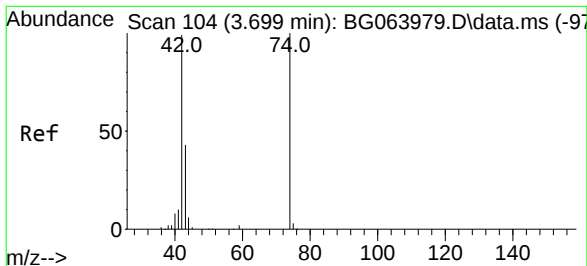
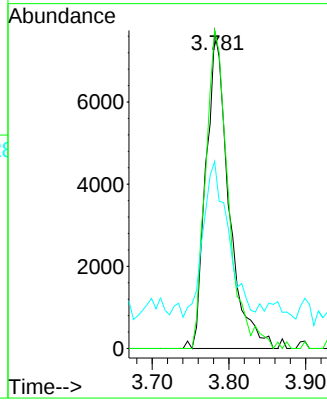
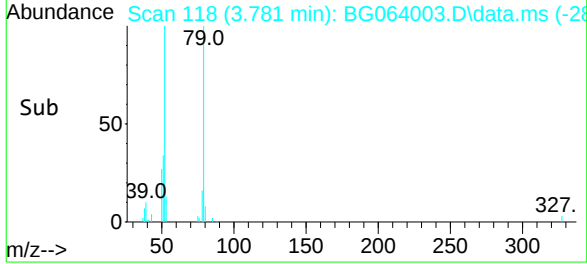
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



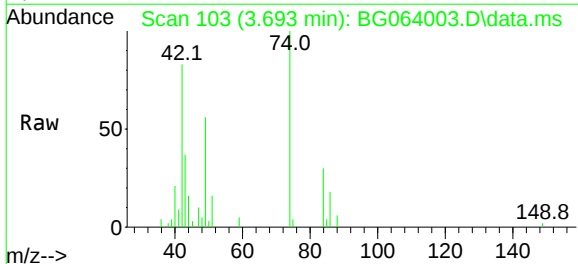
Tgt Ion: 79 Resp: 15843
Ion Ratio Lower Upper
79 100
52 100.2 75.1 112.7
51 58.9 38.9 58.3#

Manual Integrations
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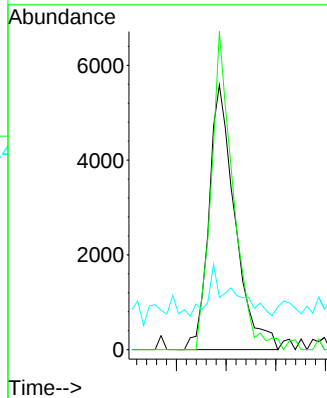
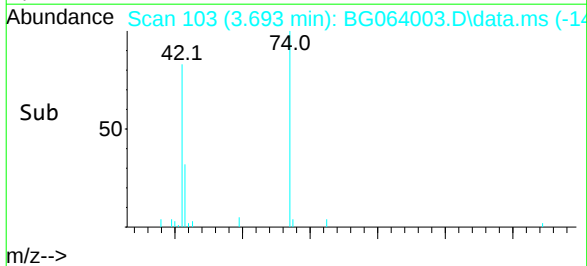
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Supervised By :mohammad ahmed 02/06/2025

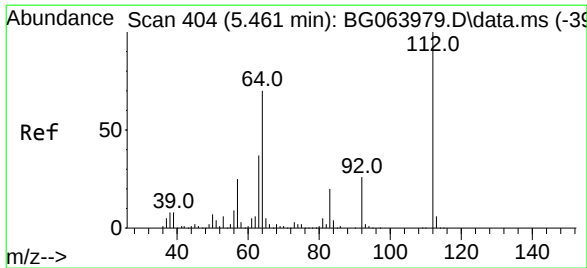


#4
n-Nitrosodimethylamine
Concen: 4.433 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



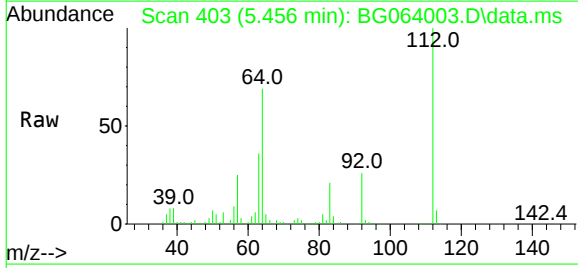
Tgt Ion: 42 Resp: 10185
Ion Ratio Lower Upper
42 100
74 120.2 80.8 121.2
44 19.7 5.8 8.6#





#5
2-Fluorophenol
Concen: 136.579 ng
RT: 5.456 min Scan# 40
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

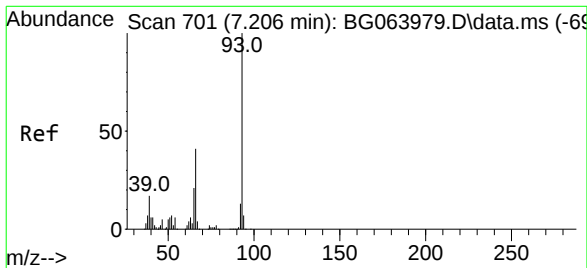
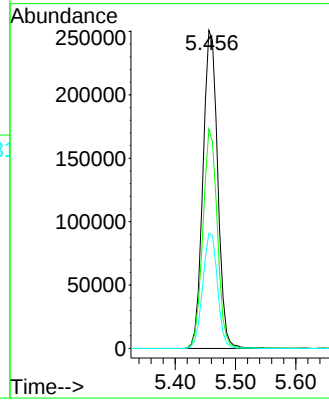
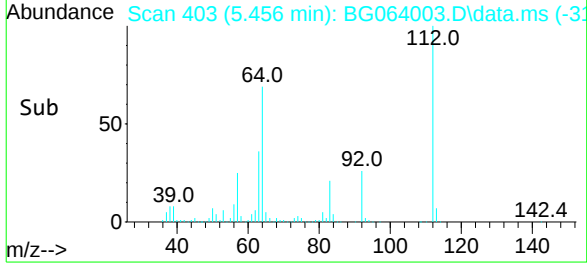
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 112 Resp: 425551
Ion Ratio Lower Upper
112 100
64 69.0 55.8 83.8
63 36.2 29.3 43.9

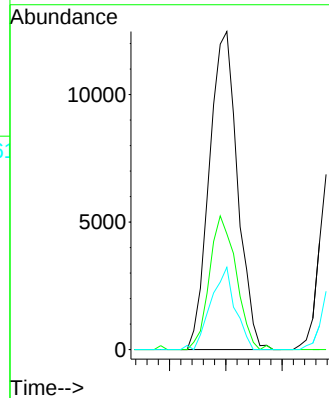
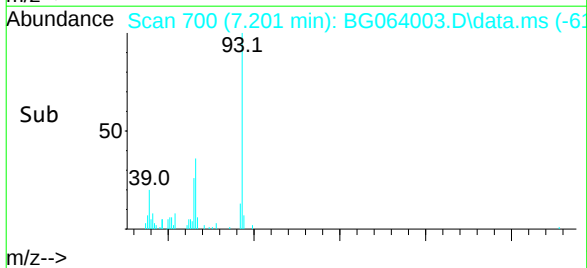
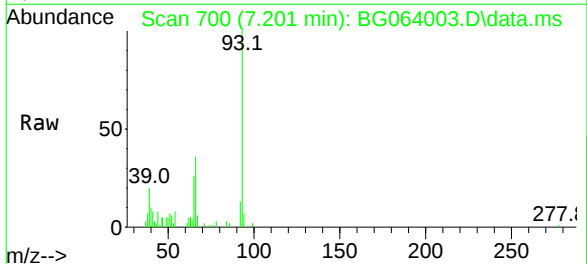
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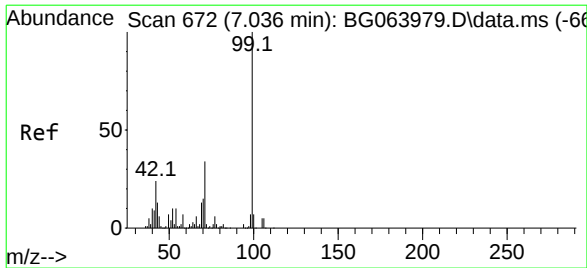
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 4.742 ng
RT: 7.201 min Scan# 700
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

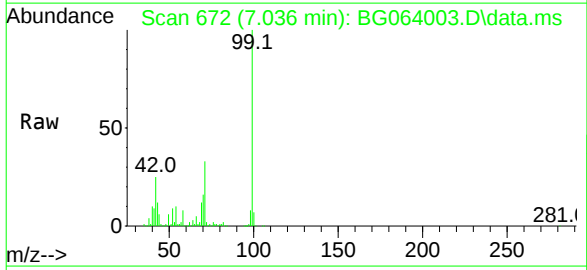
Tgt Ion: 93 Resp: 21729
Ion Ratio Lower Upper
93 100
66 36.4 32.5 48.7
65 25.9 16.6 25.0#





#7
Phenol-d6
Concen: 133.259 ng
RT: 7.036 min Scan# 671
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

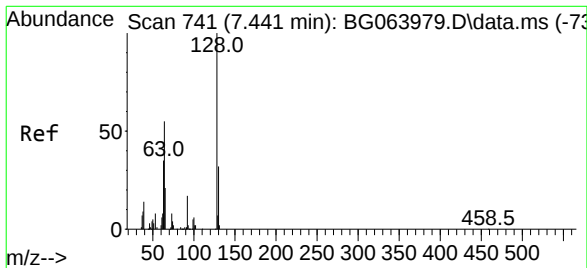
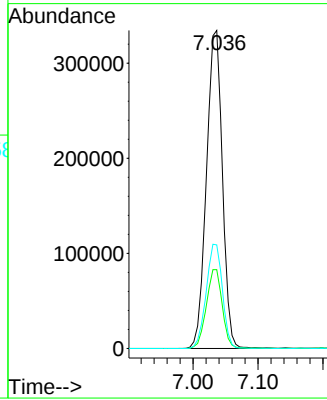
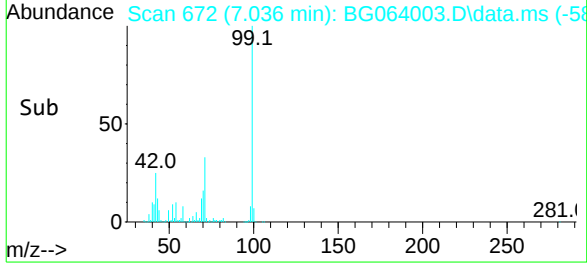
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	99	Resp:	569798
Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.9	28.3
71	32.6	27.0	40.6

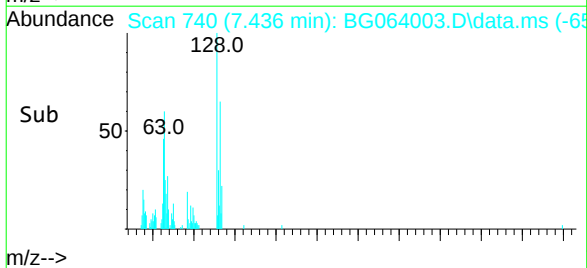
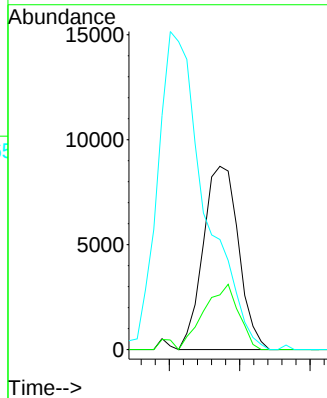
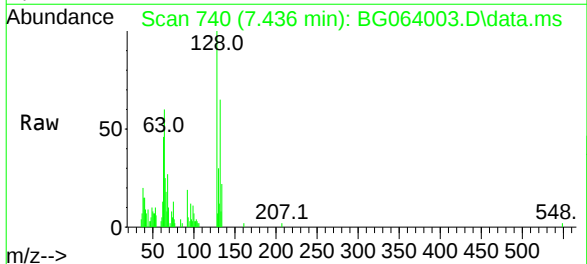
Manual Integrations
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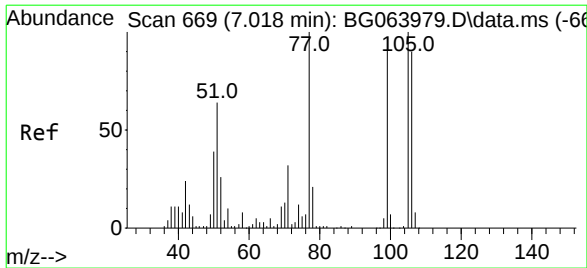
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 4.820 ng
RT: 7.436 min Scan# 740
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

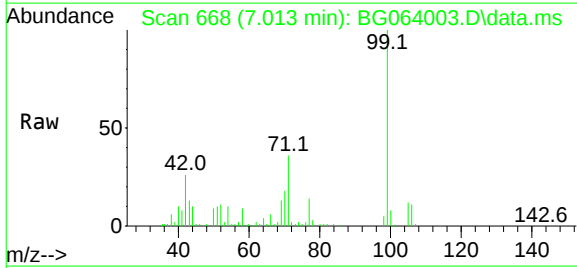
Tgt Ion:	128	Resp:	15303
Ion	Ratio	Lower	Upper
128	100		
130	29.9	11.9	51.9
64	60.1	36.8	76.8





#9
Benzaldehyde
Concen: 6.858 ng
RT: 7.013 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

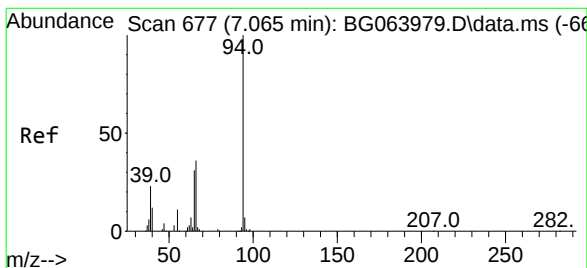
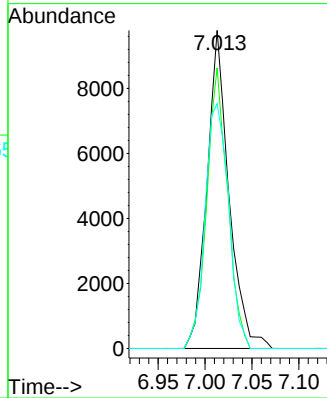
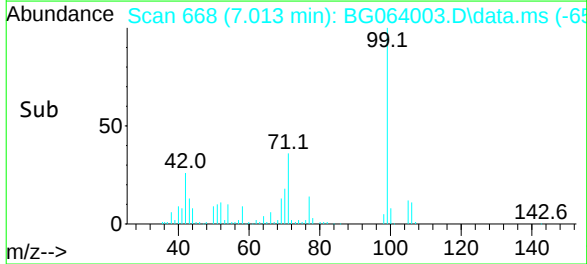
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 77 Resp: 16008
Ion Ratio Lower Upper
77 100
105 88.2 79.8 119.8
106 77.0 69.9 109.9

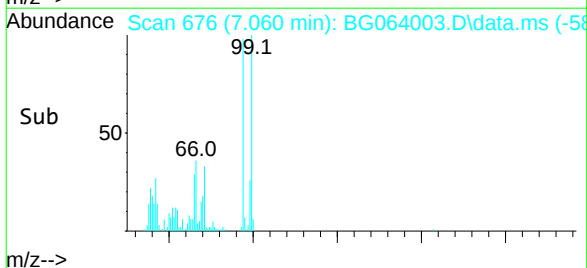
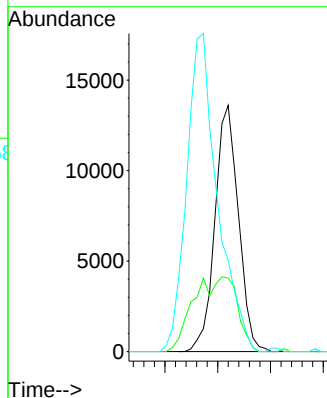
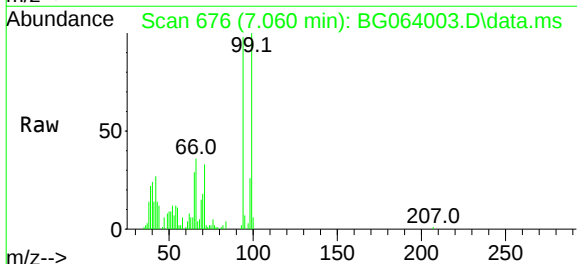
Manual Integrations
APPROVED

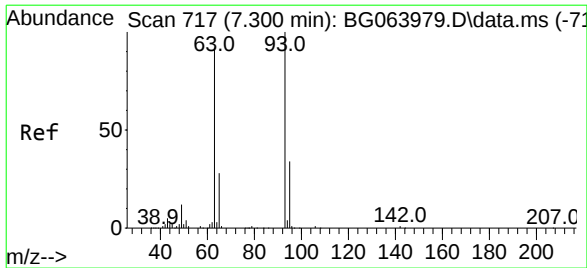
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 4.685 ng
RT: 7.060 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

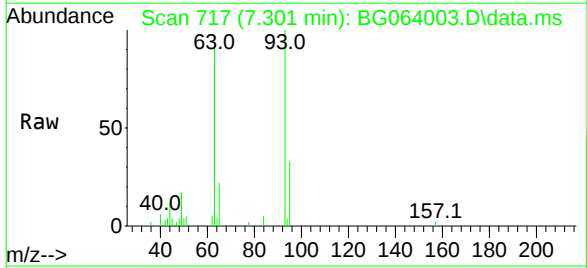
Tgt Ion: 94 Resp: 21085
Ion Ratio Lower Upper
94 100
65 29.8 11.4 51.4
66 37.1 16.7 56.7





#11
bis(2-Chloroethyl)ether
Concen: 4.361 ng
RT: 7.301 min Scan# 717
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

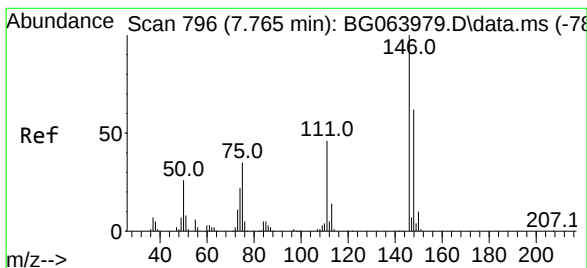
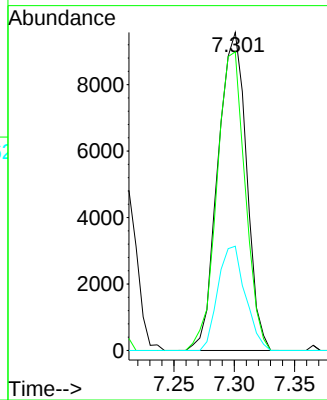
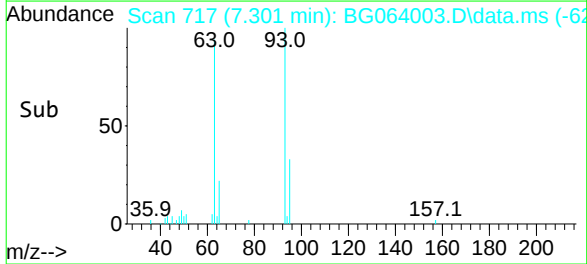
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 93 Resp: 15807
Ion Ratio Lower Upper
93 100
63 93.9 71.2 111.2
95 32.8 13.9 53.9

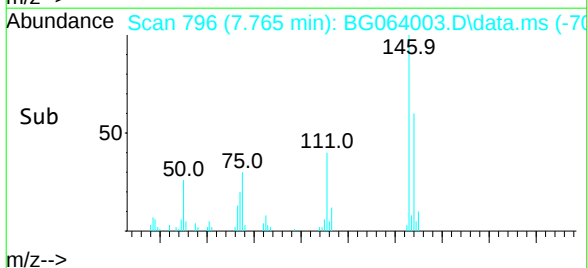
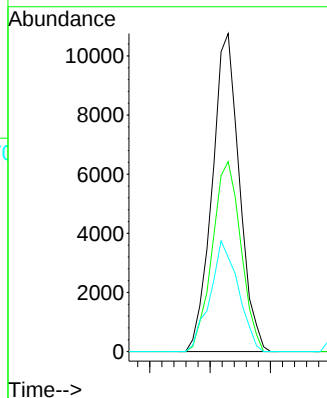
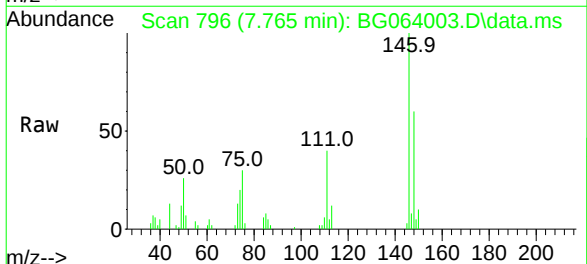
Manual Integrations
APPROVED

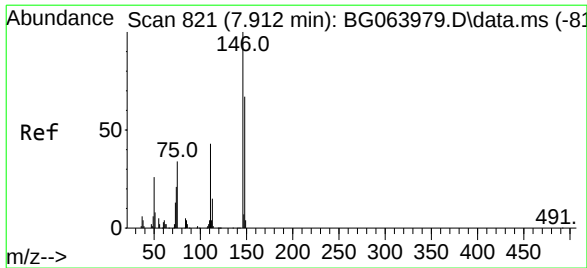
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 4.458 ng
RT: 7.765 min Scan# 796
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

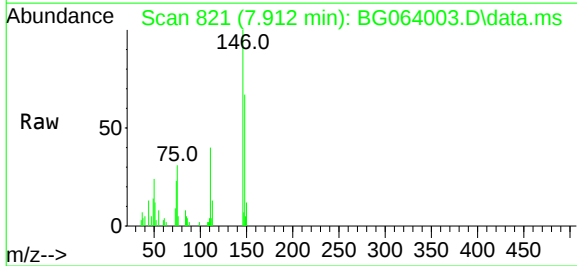
Tgt Ion:146 Resp: 16841
Ion Ratio Lower Upper
146 100
148 59.7 49.6 74.4
75 29.6 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 4.743 ng
RT: 7.912 min Scan# 821
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

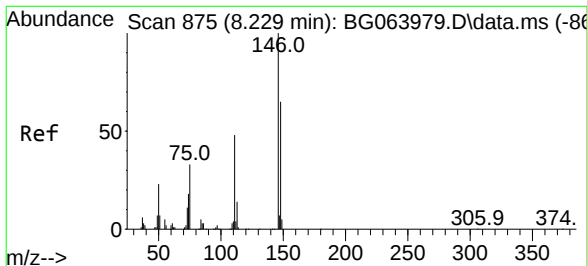
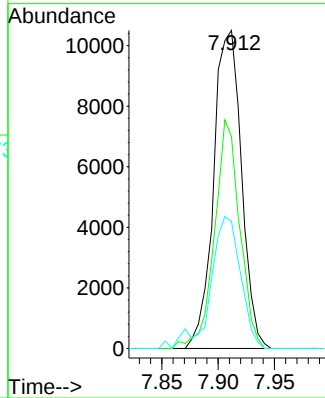
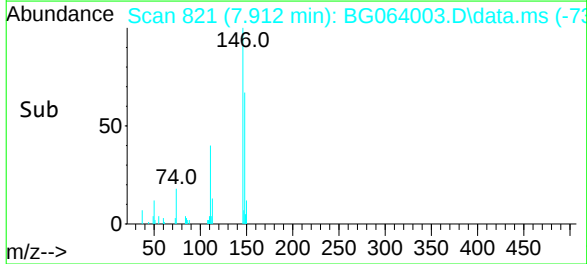
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:146 Resp: 18098
Ion Ratio Lower Upper
146 100
148 66.6 53.3 79.9
111 39.9 34.8 52.2

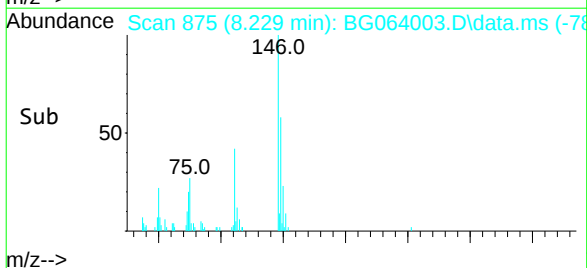
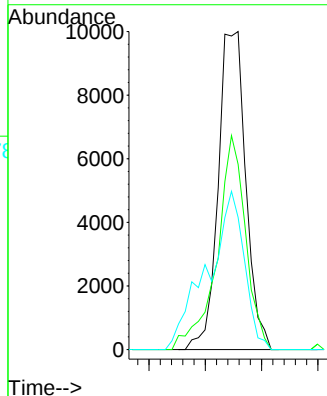
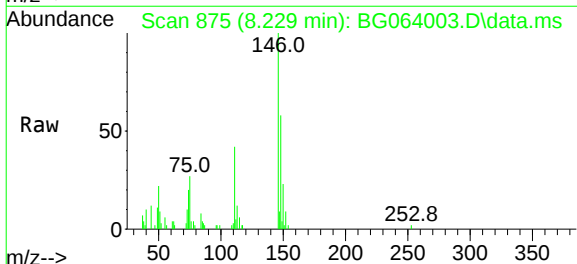
Manual Integrations
APPROVED

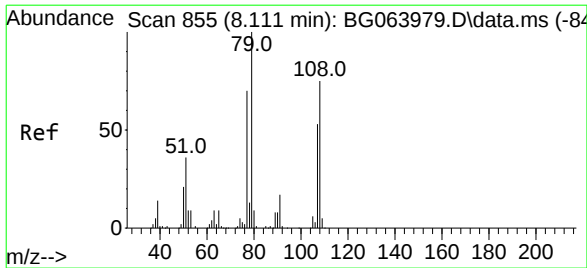
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 4.671 ng
RT: 8.229 min Scan# 875
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

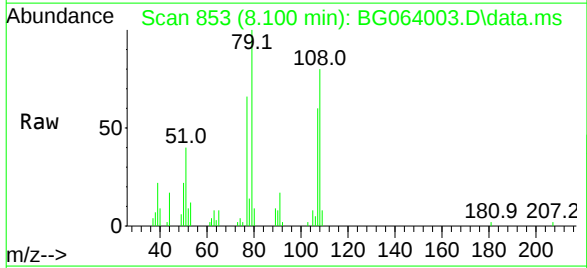
Tgt Ion:146 Resp: 17082
Ion Ratio Lower Upper
146 100
148 58.3 52.0 78.0
111 41.6 38.2 57.2





#15
Benzyl Alcohol
Concen: 4.343 ng
RT: 8.100 min Scan# 855
Delta R.T. -0.011 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

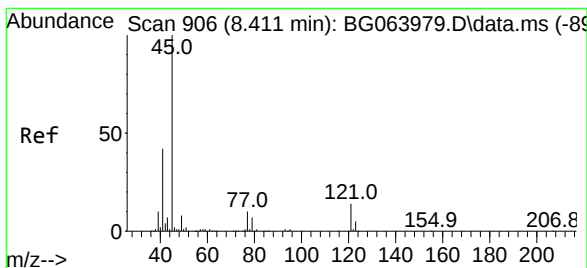
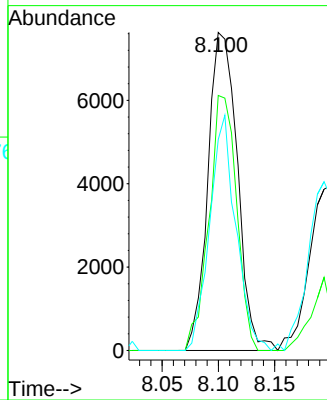
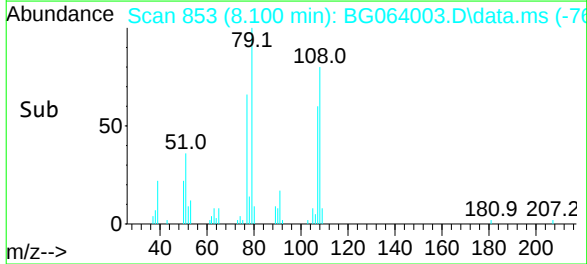
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



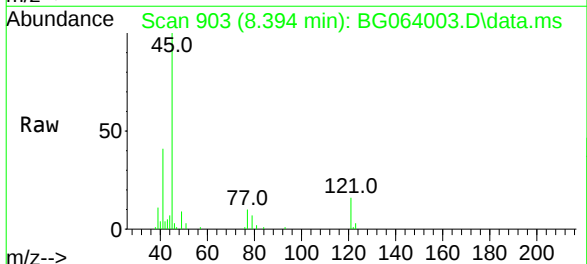
Tgt Ion: 79 Resp: 13880
Ion Ratio Lower Upper
79 100
108 80.2 60.3 90.5
77 66.3 55.8 83.8

Manual Integrations
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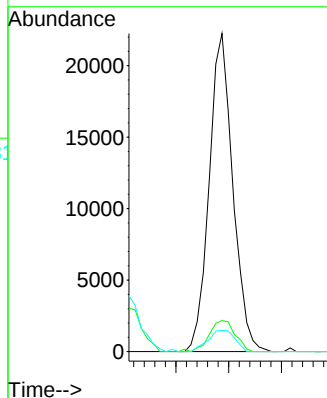
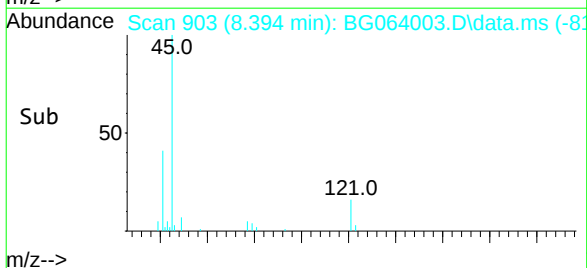
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

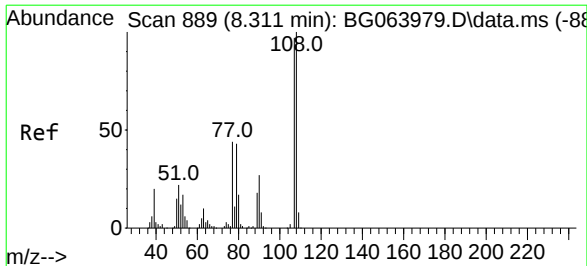


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.748 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.017 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



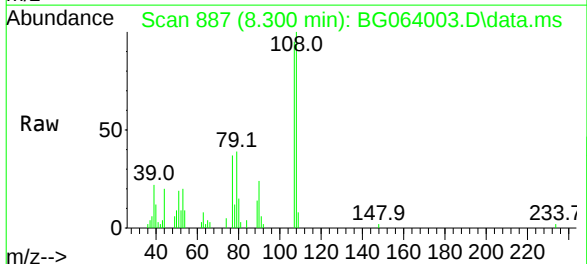
Tgt Ion: 45 Resp: 34649
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.8
79 6.7 0.0 27.7





#17
2-Methylphenol
Concen: 4.350 ng
RT: 8.300 min Scan# 889
Delta R.T. -0.011 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

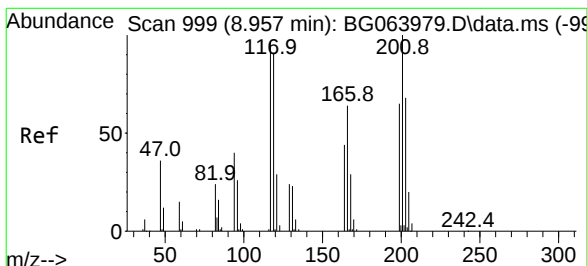
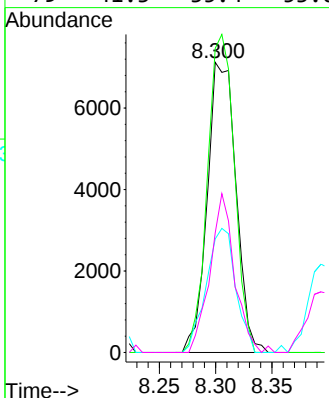
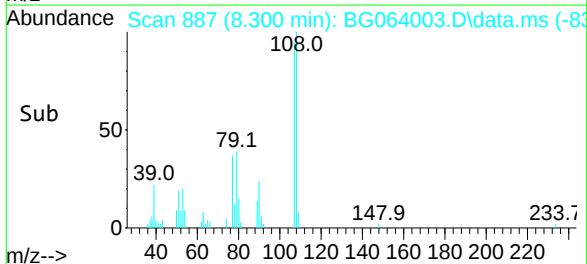
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.8	82.9	124.3
77	39.1	36.4	54.6
79	41.3	35.4	53.0

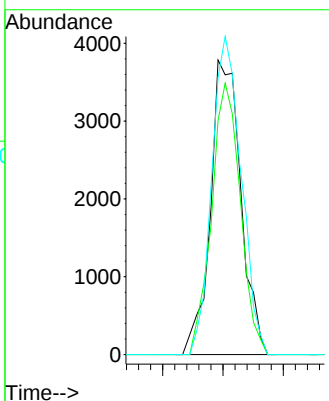
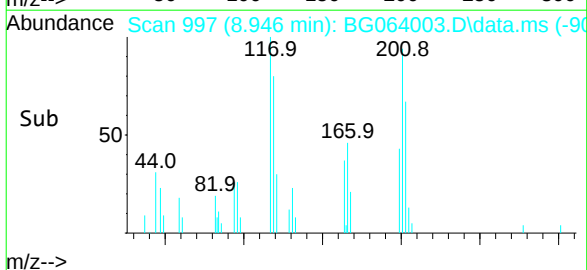
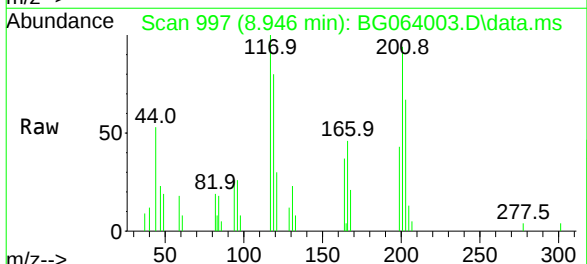
Manual Integrations
APPROVED

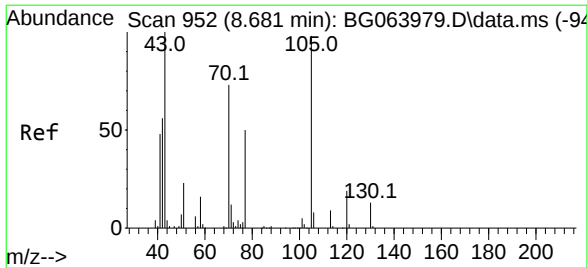
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 5.279 ng
RT: 8.946 min Scan# 997
Delta R.T. -0.011 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

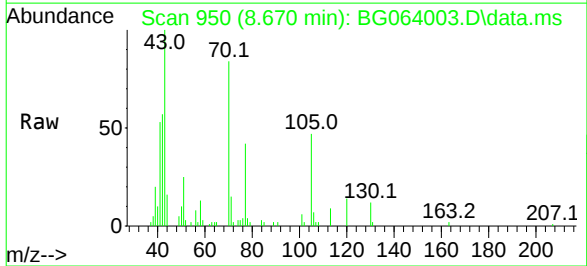
Tgt Ion	Ratio	Lower	Upper
117	100		
119	79.6	75.4	113.0
201	94.1	82.4	123.6





#19
n-Nitroso-di-n-propylamine
Concen: 4.626 ng
RT: 8.670 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

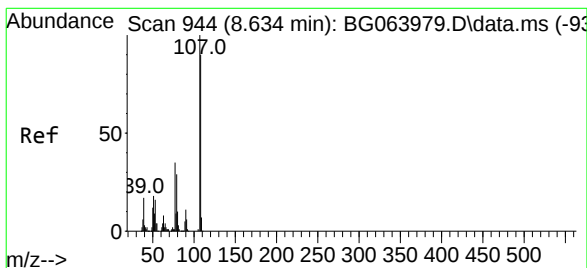
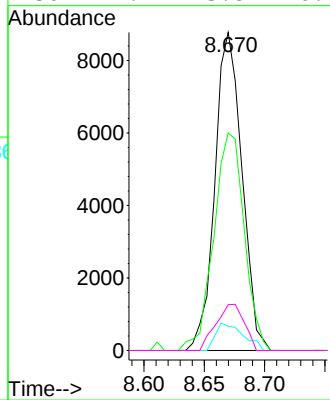
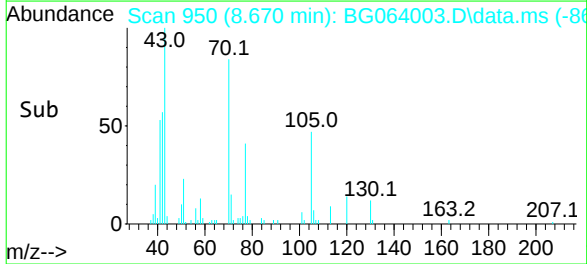
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



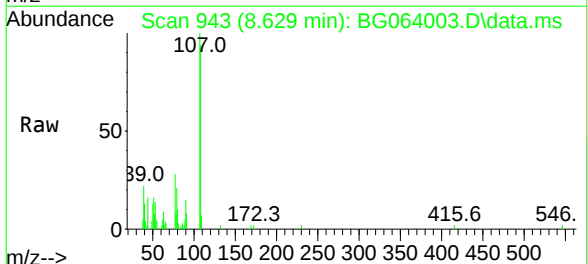
Tgt Ion: 70 Resp: 13699
Ion Ratio Lower Upper
70 100
42 68.4 62.2 93.4
101 7.6 5.6 8.4
130 14.4 13.8 20.6

Manual Integrations
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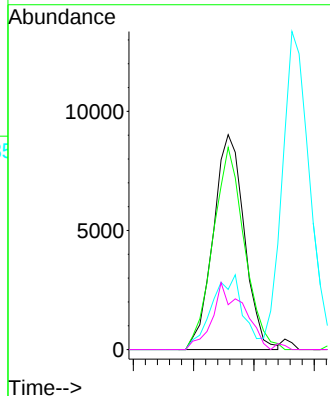
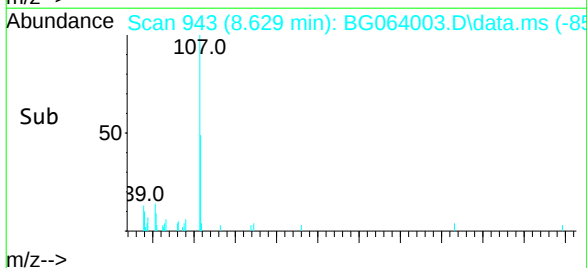
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

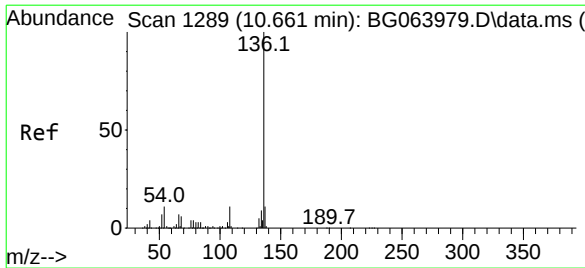


#20
3+4-Methylphenols
Concen: 4.154 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



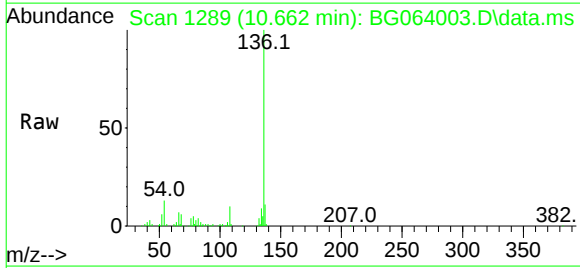
Tgt Ion:107 Resp: 16110
Ion Ratio Lower Upper
107 100
108 94.1 70.0 110.0
77 28.0 15.2 55.2
79 20.9 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

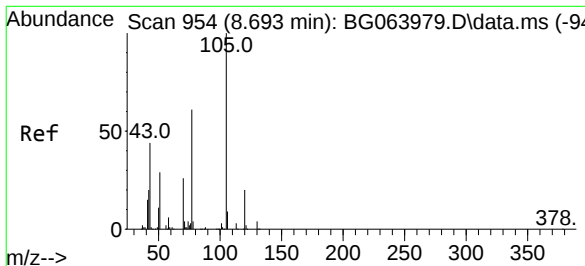
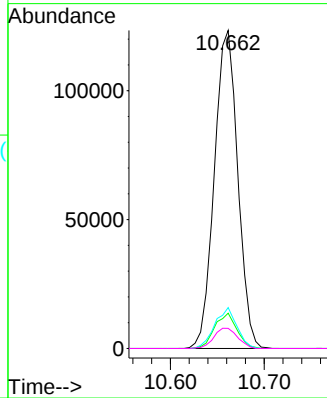
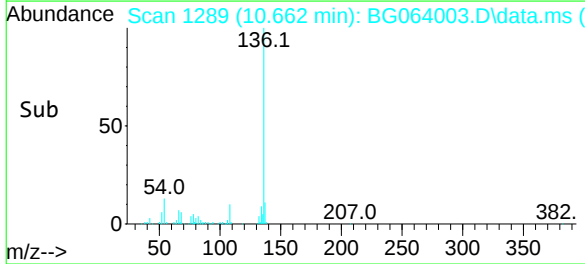
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



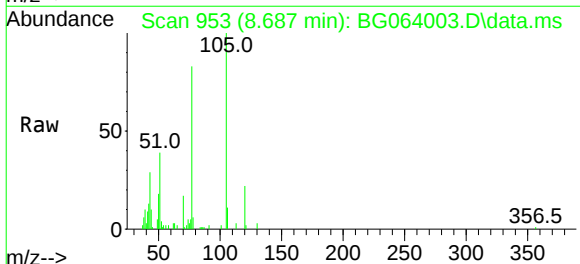
Tgt Ion:136 Resp: 214108
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 12.9 9.2 13.8
68 6.3 5.1 7.7

Manual Integrations
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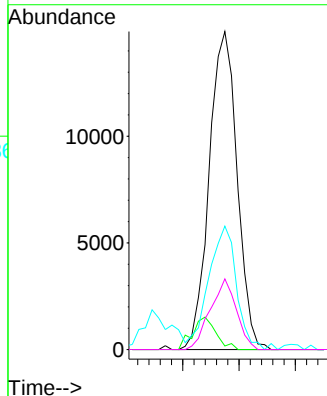
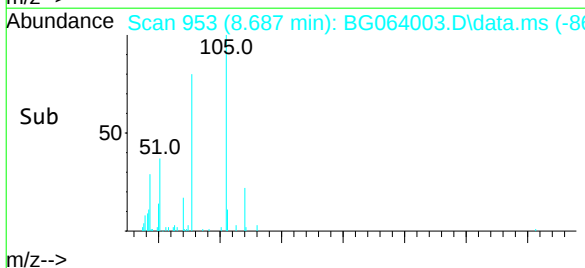
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

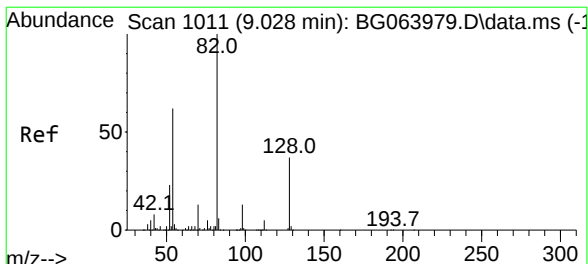


#22
Acetophenone
Concen: 4.375 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



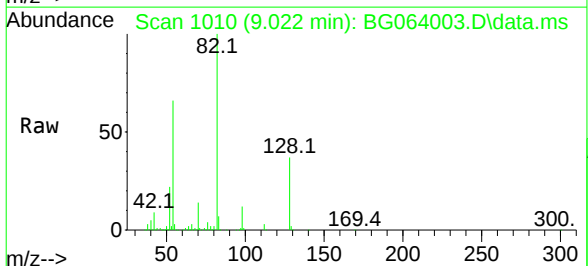
Tgt Ion:105 Resp: 25737
Ion Ratio Lower Upper
105 100
71 1.1 3.1 4.7#
51 38.8 29.9 44.9
120 22.2 16.0 24.0





#23
 Nitrobenzene-d5
 Concen: 105.970 ng
 RT: 9.022 min Scan# 1010
 Delta R.T. -0.006 min
 Lab File: BG064003.D
 Acq: 5 Feb 2025 17:52

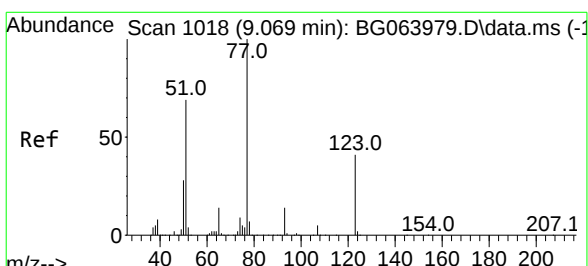
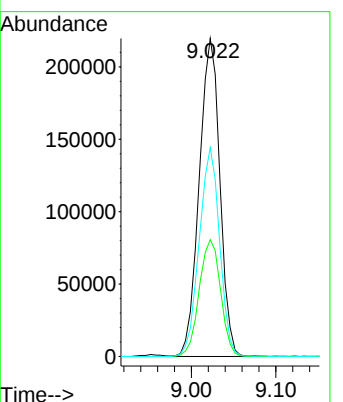
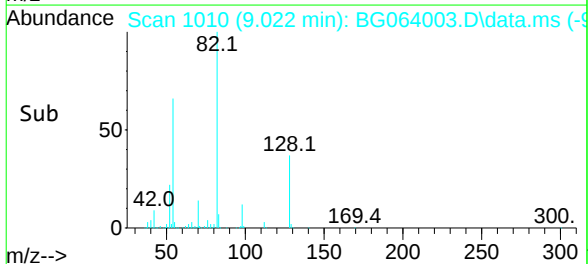
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT1-2025



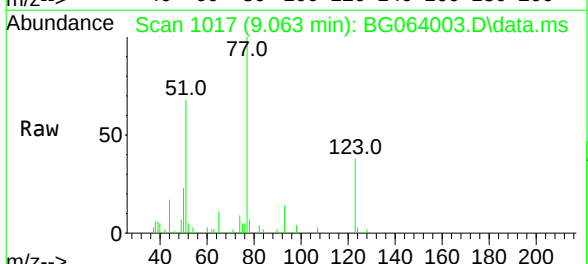
Tgt Ion: 82 Resp: 373325

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	65.7	49.9	74.9

Manual Integrations
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 Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

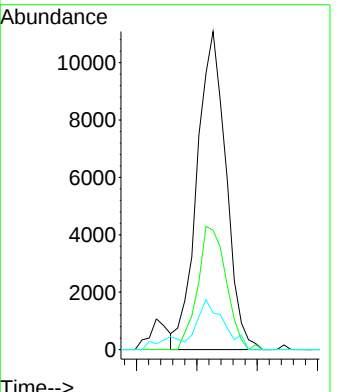
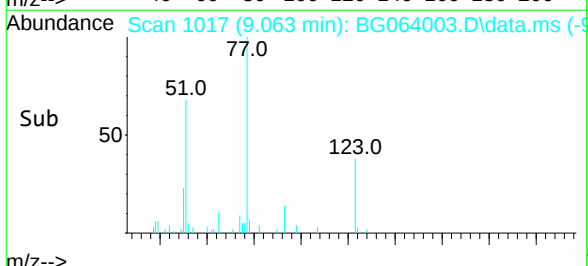


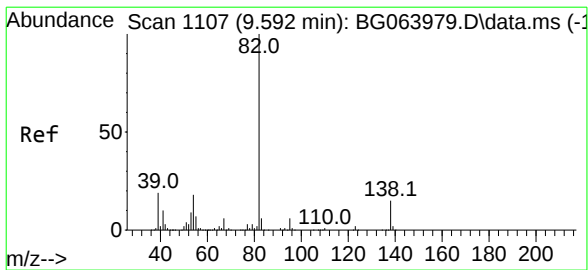
#24
 Nitrobenzene
 Concen: 7.996 ng
 RT: 9.063 min Scan# 1017
 Delta R.T. -0.006 min
 Lab File: BG064003.D
 Acq: 5 Feb 2025 17:52



Tgt Ion: 77 Resp: 18455

Ion	Ratio	Lower	Upper
77	100		
123	37.5	32.9	49.3
65	11.5	11.0	16.6





#25

Isophorone

Concen: 4.659 ng

RT: 9.586 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

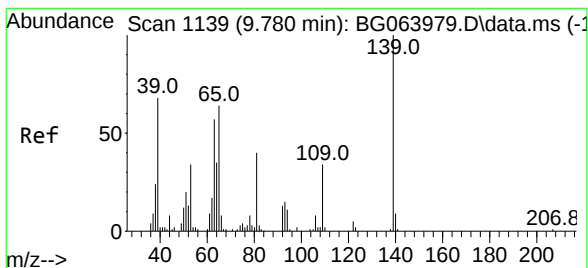
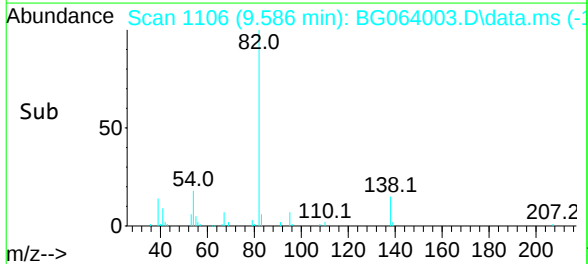
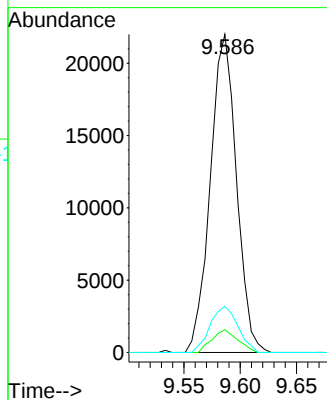
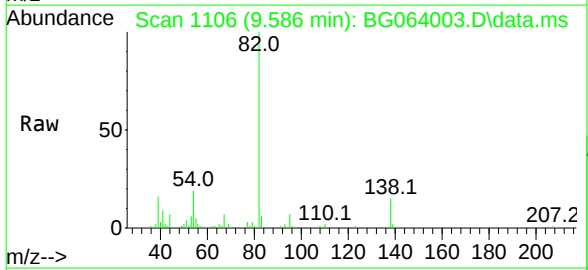
Tgt Ion:	82	Resp:	35582
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.0	7.4
138	14.5	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#26

2-Nitrophenol

Concen: 9.285 ng

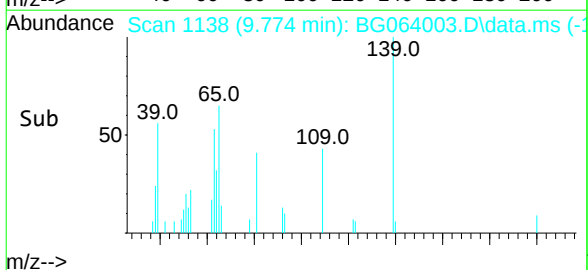
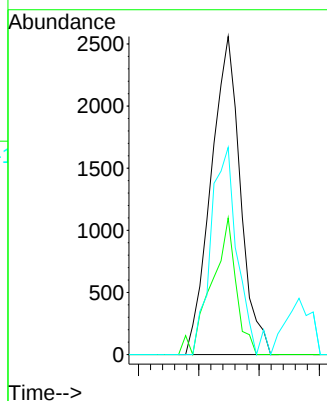
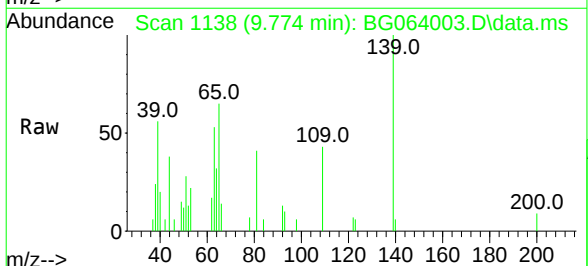
RT: 9.774 min Scan# 1138

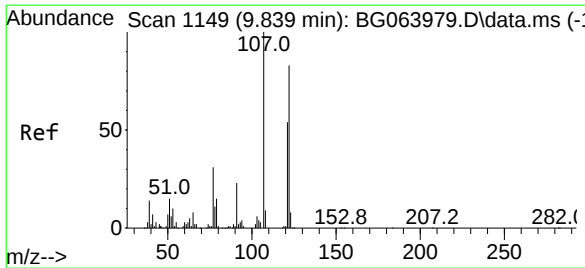
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

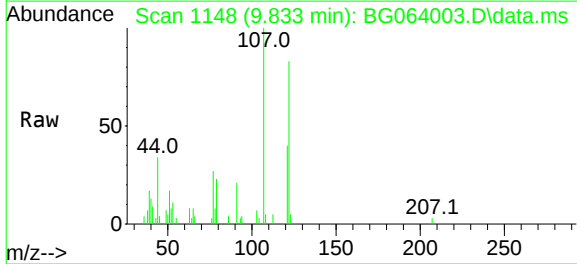
Tgt Ion:	139	Resp:	4344
Ion	Ratio	Lower	Upper
139	100		
109	43.0	27.1	40.7#
65	65.1	51.0	76.6





#27
2,4-Dimethylphenol
Concen: 3.112 ng
RT: 9.833 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

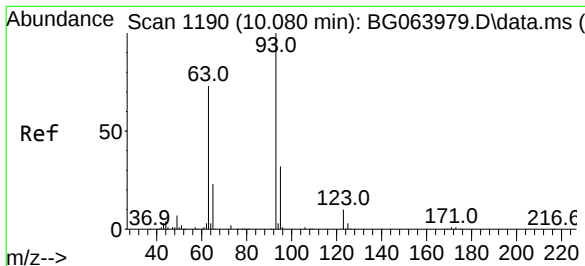
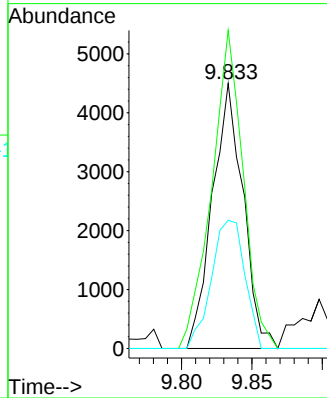
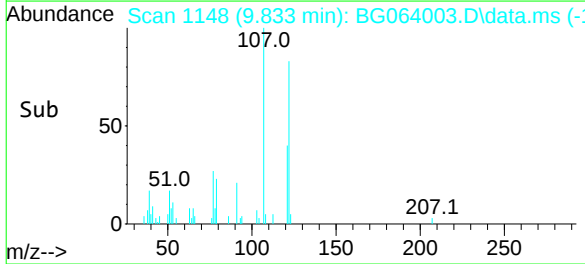
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



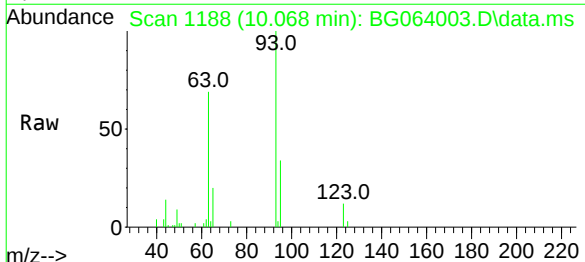
Tgt Ion: 122 Resp: 6836
Ion Ratio Lower Upper
122 100
107 120.0 96.4 144.6
121 48.4 51.8 77.6#

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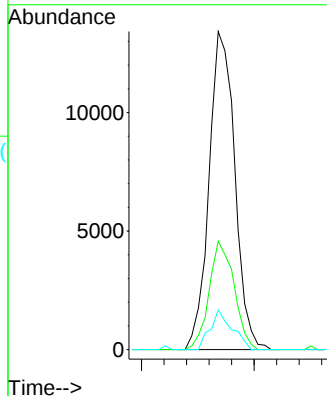
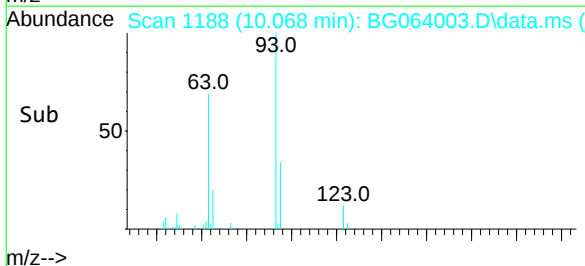
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

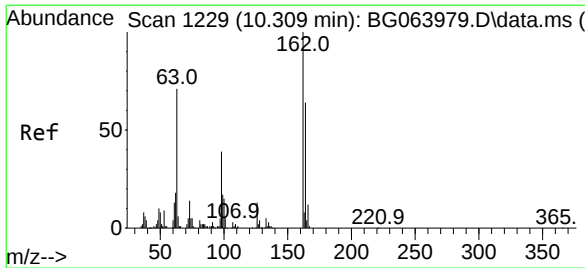


#28
bis(2-Chloroethoxy)methane
Concen: 4.387 ng
RT: 10.068 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



Tgt Ion: 93 Resp: 21321
Ion Ratio Lower Upper
93 100
95 34.1 25.4 38.2
123 12.5 7.8 11.6#





#29

2,4-Dichlorophenol

Concen: 7.420 ng

RT: 10.303 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BG064003.D

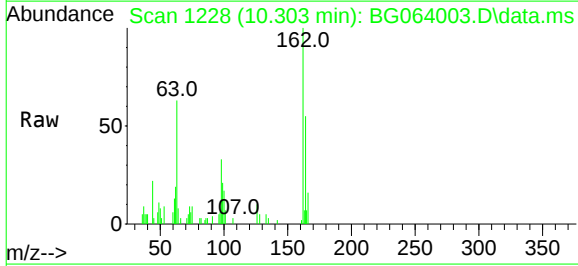
Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



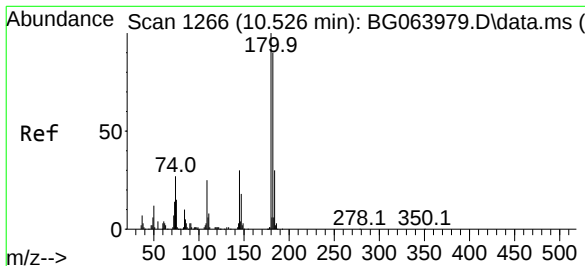
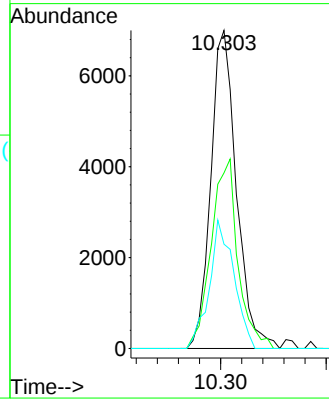
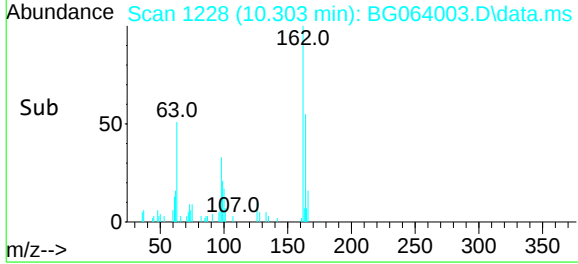
Tgt Ion:	162	Resp:	11838
Ion Ratio	Lower	Upper	
162	100		
164	55.2	43.6	83.6
98	32.8	18.6	58.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.560 ng

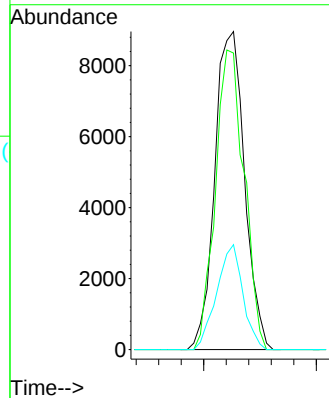
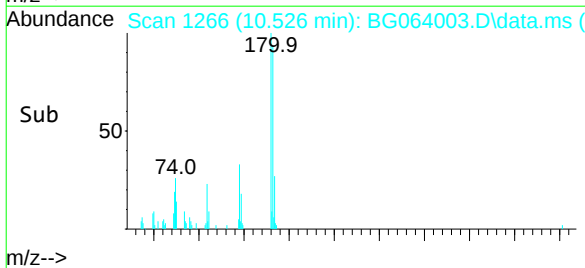
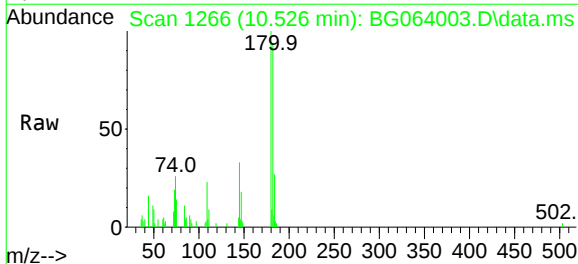
RT: 10.526 min Scan# 1266

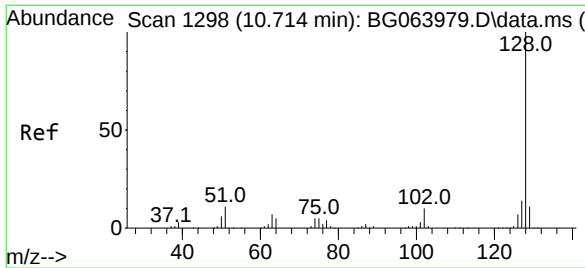
Delta R.T. 0.000 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	180	Resp:	16457
Ion Ratio	Lower	Upper	
180	100		
182	93.2	72.3	108.5
145	33.0	23.8	35.8





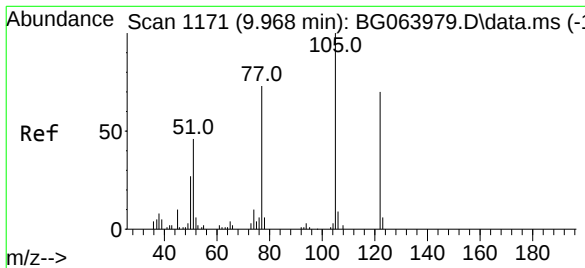
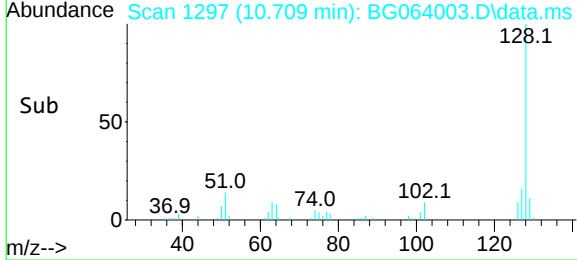
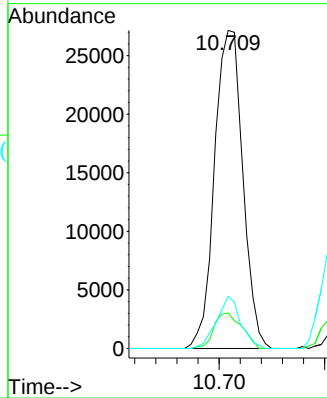
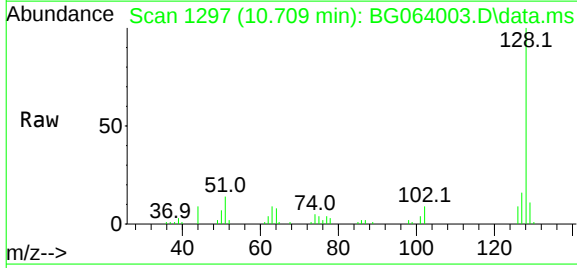
#31
Naphthalene
Concen: 4.397 ng
RT: 10.709 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	128	Resp:	50469
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	16.4	10.8	16.2

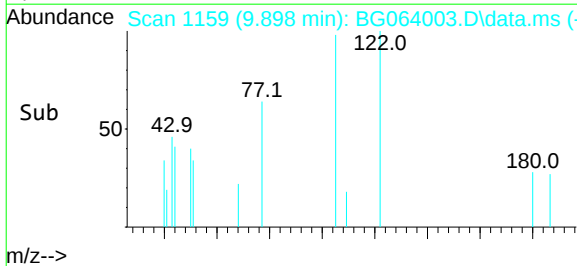
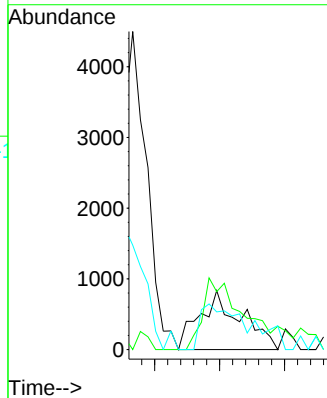
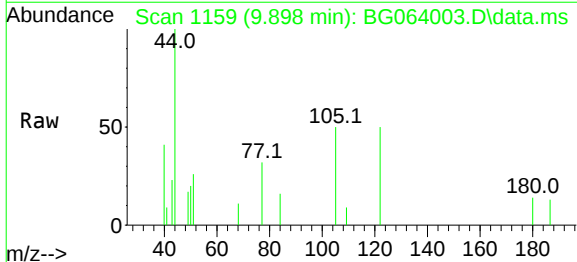
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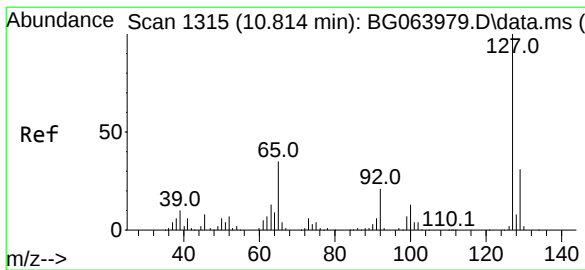
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 7.207 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.070 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

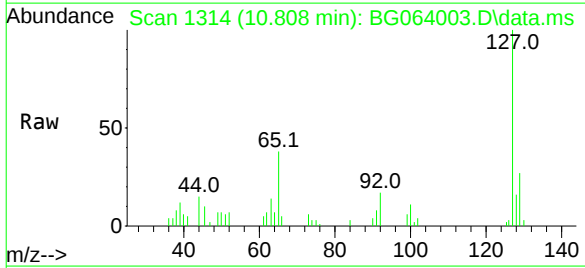
Tgt Ion:	122	Resp:	1856
Ion	Ratio	Lower	Upper
122	100		
105	98.1	117.9	157.9
77	63.8	83.9	123.9





#33
4-Chloroaniline
Concen: 4.155 ng
RT: 10.808 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

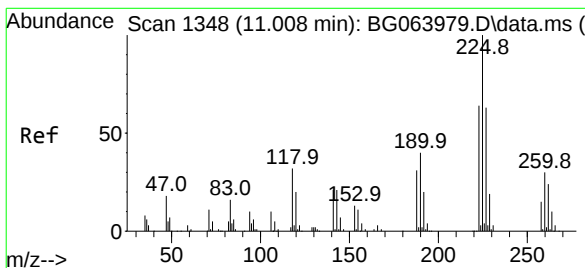
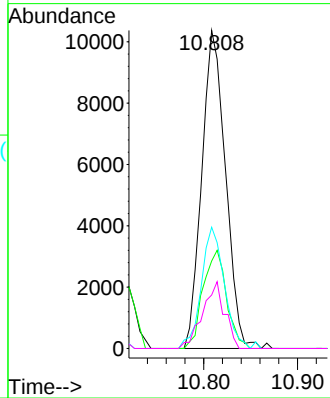
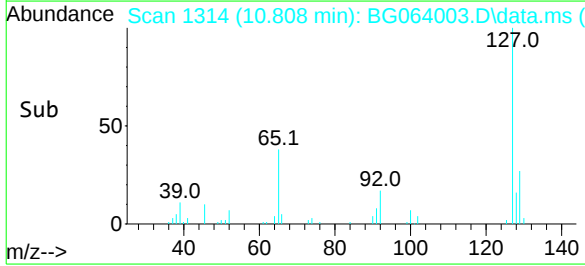
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:	127	Resp:	18276
Ion Ratio	Lower	Upper	
127	100		
129	27.5	24.9	37.3
65	38.1	28.2	42.4
92	16.8	16.9	25.3

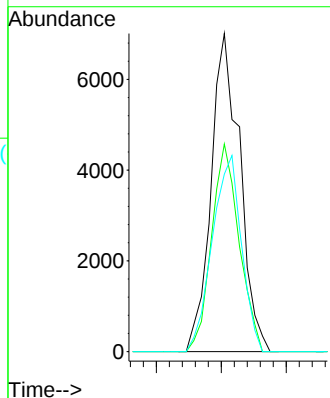
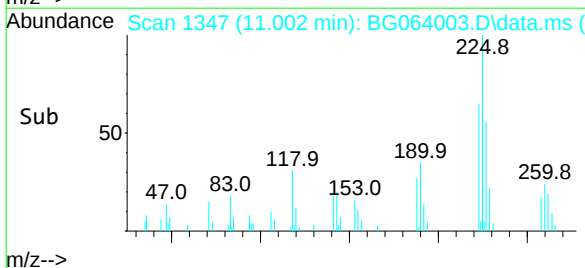
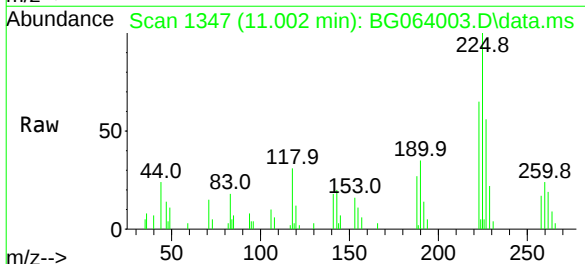
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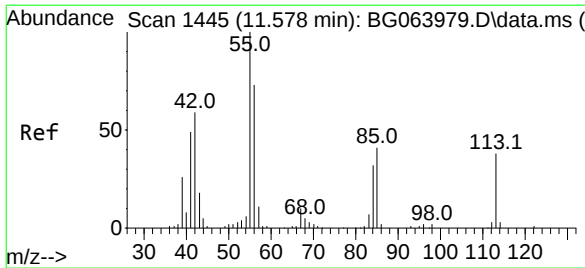
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 4.692 ng
RT: 11.002 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:	225	Resp:	10785
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.0	76.6
227	53.1	50.3	75.5





#35

Caprolactam

Concen: 8.524 ng

RT: 11.537 min Scan# 14

Delta R.T. -0.041 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

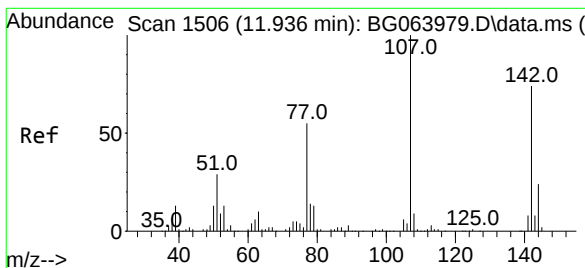
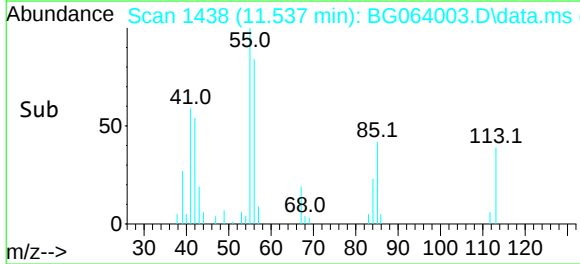
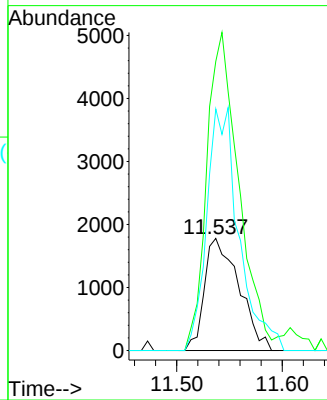
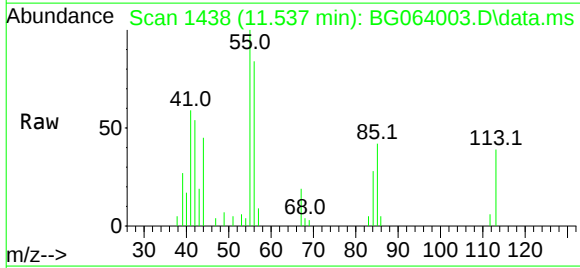
Tgt Ion:	113	Resp:	4050
Ion	Ratio	Lower	Upper
113	100		
55	258.0	241.8	281.8
56	215.5	171.5	211.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#36

4-Chloro-3-methylphenol

Concen: 4.387 ng

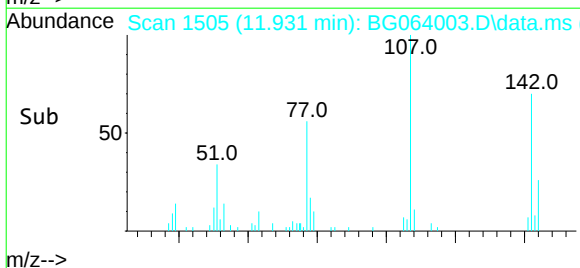
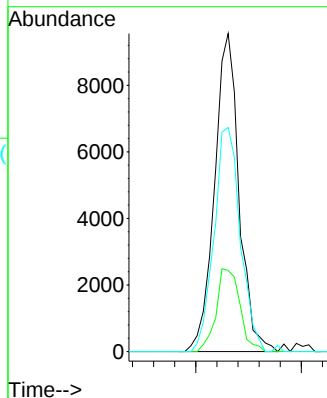
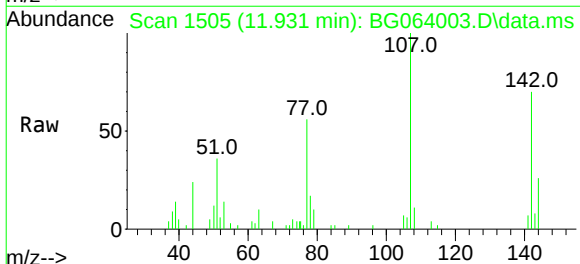
RT: 11.931 min Scan# 1505

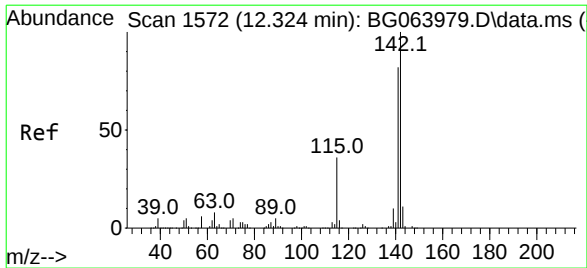
Delta R.T. -0.005 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	107	Resp:	15426
Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.2	28.8
142	70.5	58.9	88.3





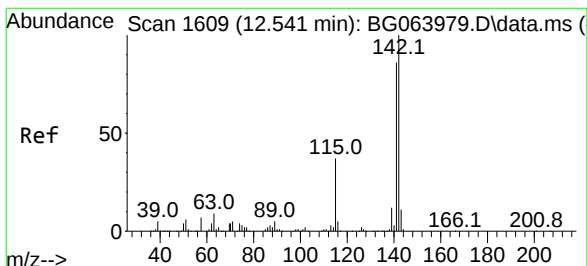
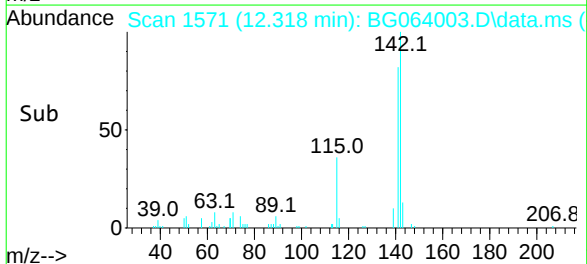
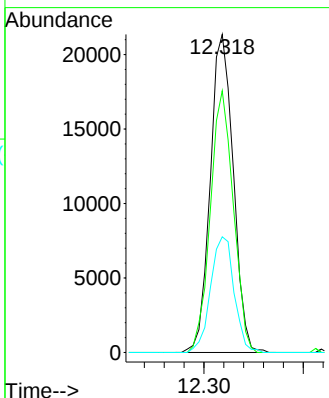
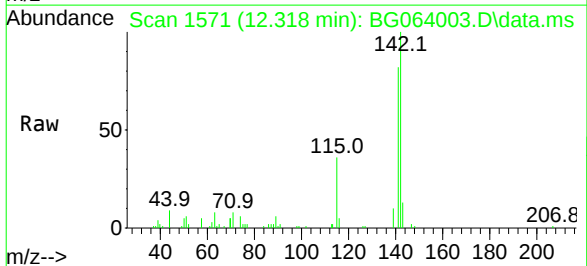
#37
2-Methylnaphthalene
Concen: 4.301 ng
RT: 12.318 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:142 Resp: 34407
Ion Ratio Lower Upper
142 100
141 82.3 65.8 98.8
115 36.4 28.9 43.3

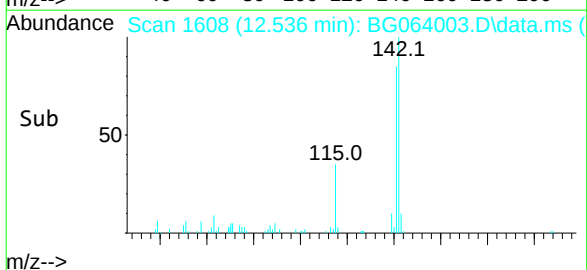
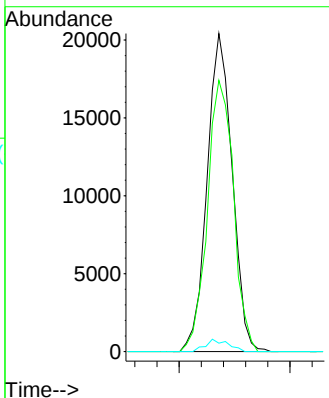
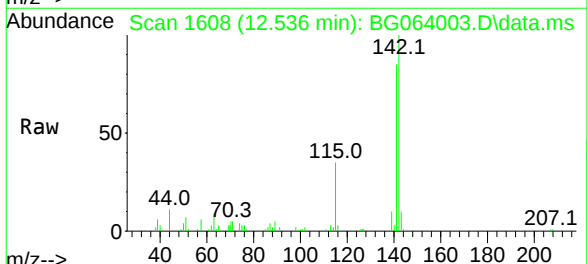
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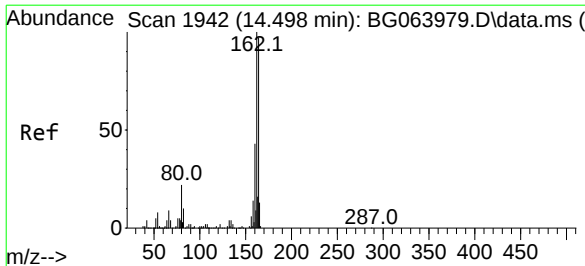
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 4.063 ng m
RT: 12.536 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:142 Resp: 32162
Ion Ratio Lower Upper
142 100
141 85.3 69.2 103.8
116 2.6 3.6 5.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 19

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

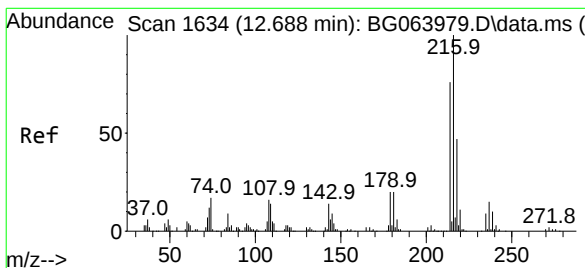
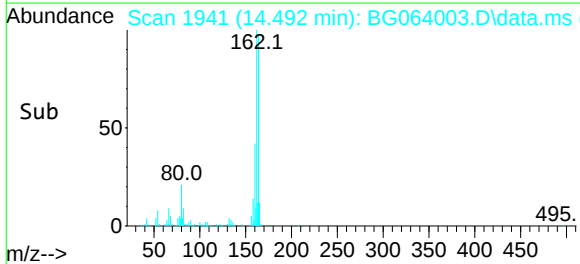
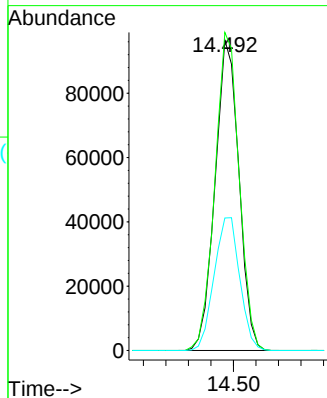
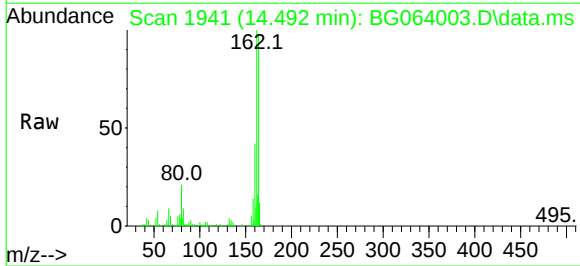
Tgt Ion:	164	Resp:	142097
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.3	123.5
160	42.7	35.4	53.0

Manual Integrations

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Supervised By :mohammad ahmed 02/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.635 ng

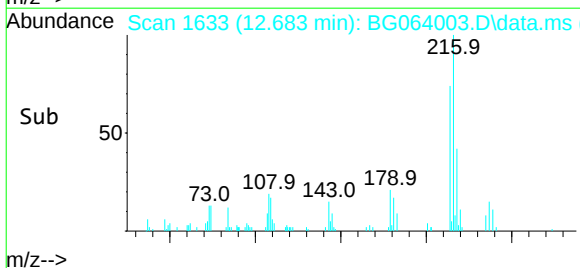
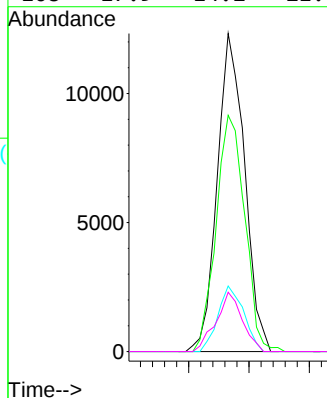
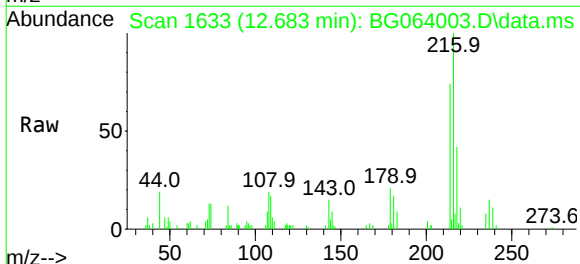
RT: 12.683 min Scan# 1633

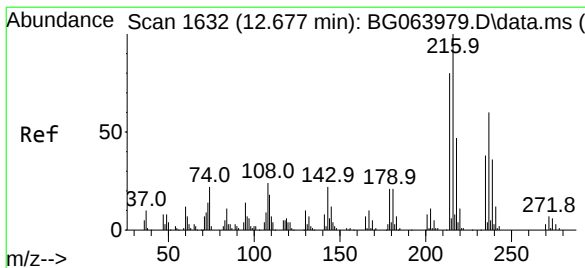
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	216	Resp:	19422
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.9	94.3
179	19.4	16.6	25.0
108	17.9	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 3.982 ng

RT: 12.677 min Scan# 16

Delta R.T. -0.000 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

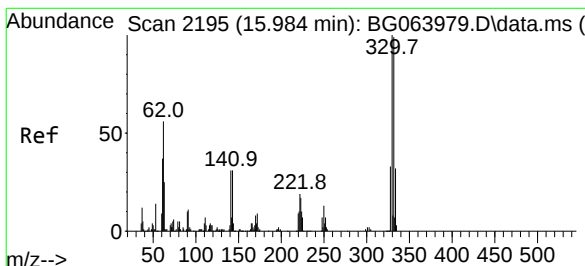
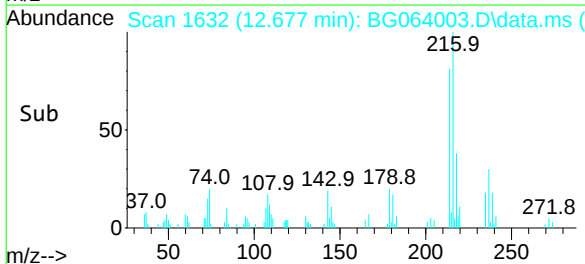
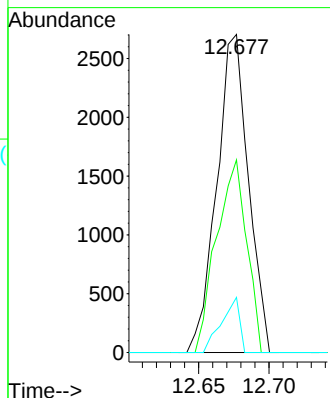
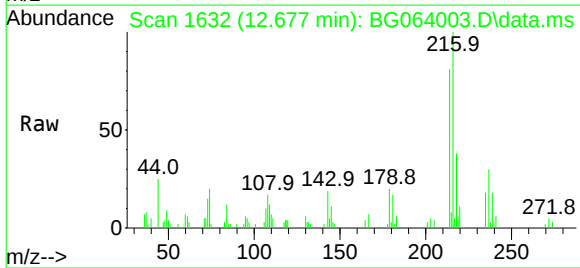
Tgt Ion:	237	Resp:	4223
Ion Ratio	Lower	Upper	
237	100		
235	60.6	43.8	83.8
272	17.3	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#42

2,4,6-Tribromophenol

Concen: 127.103 ng

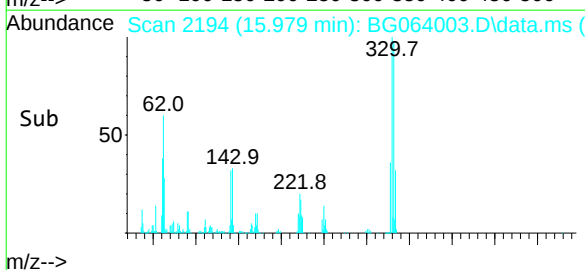
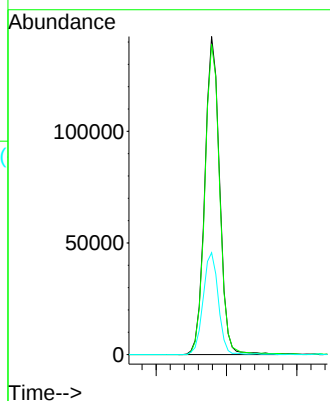
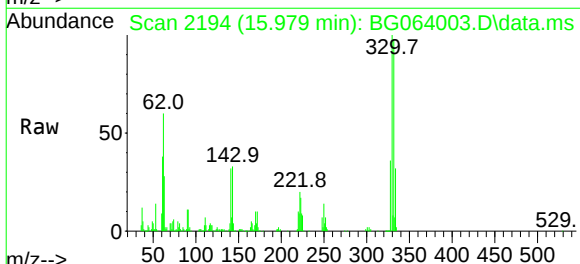
RT: 15.979 min Scan# 2194

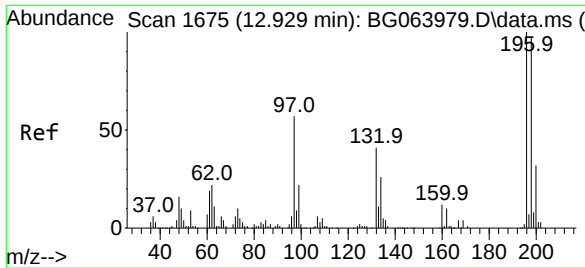
Delta R.T. -0.005 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	330	Resp:	208035
Ion Ratio	Lower	Upper	
330	100		
332	97.4	79.0	118.6
141	32.7	27.2	40.8





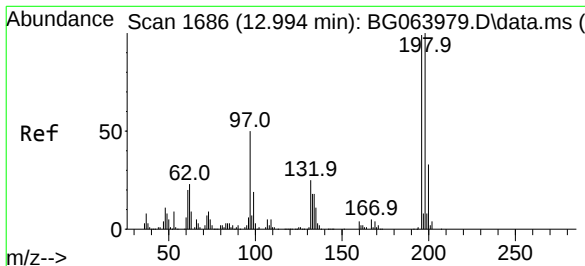
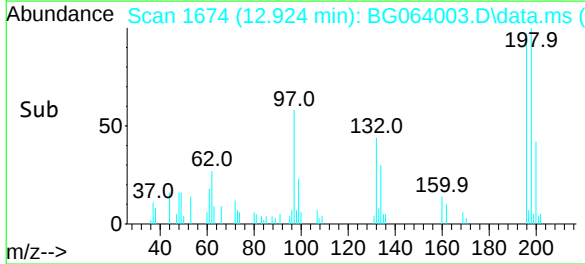
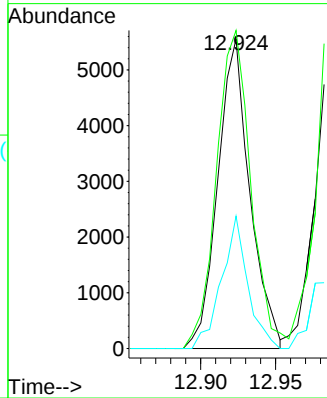
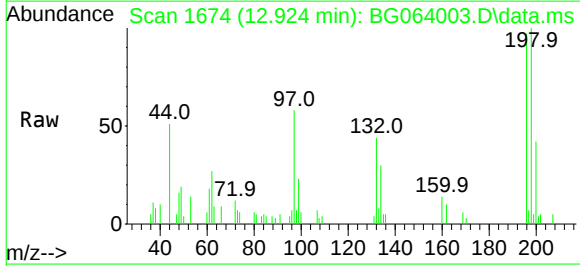
#43
2,4,6-Trichlorophenol
Concen: 7.918 ng m
RT: 12.924 min Scan# 16
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:196 Resp: 8285
Ion Ratio Lower Upper
196 100
198 102.8 77.9 116.9
200 42.8 25.5 38.3#

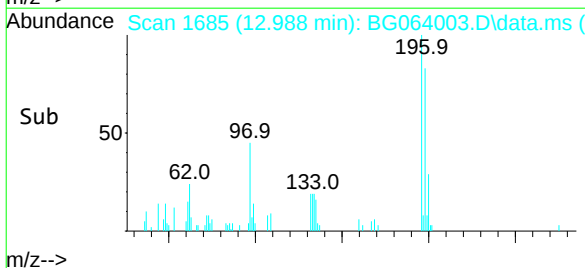
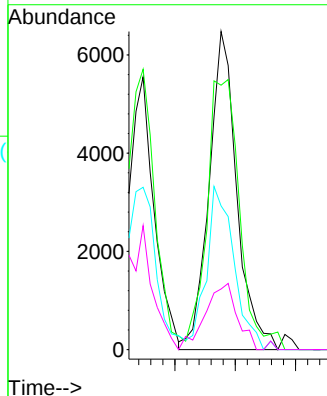
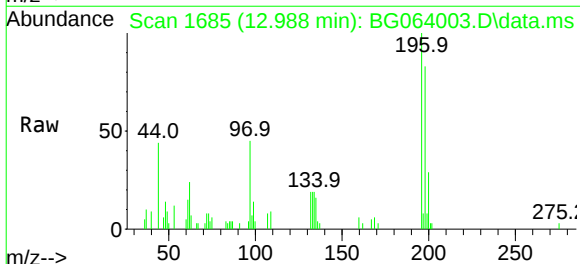
Manual Integrations
APPROVED

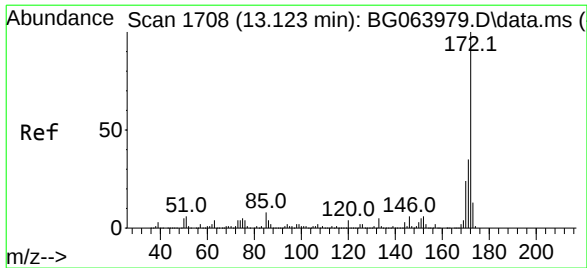
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#44
2,4,5-Trichlorophenol
Concen: 7.370 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

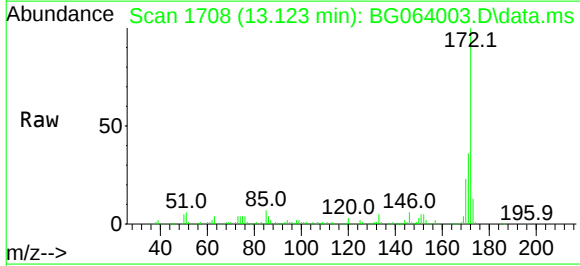
Tgt Ion:196 Resp: 10355
Ion Ratio Lower Upper
196 100
198 83.1 81.1 121.7
97 45.2 41.2 61.8
132 19.1 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 91.238 ng
RT: 13.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

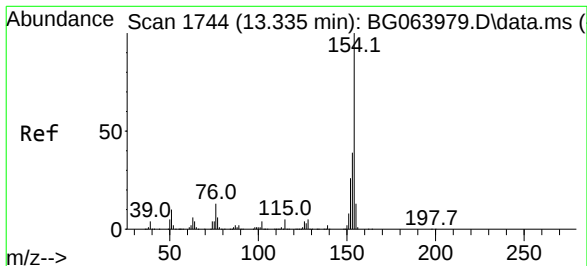
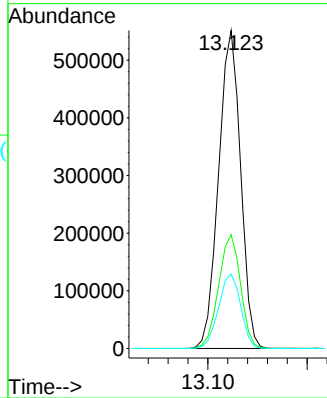
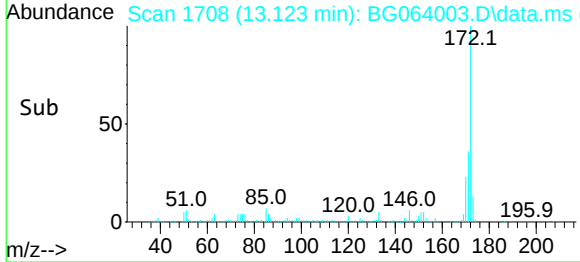
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:172 Resp: 846181
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 23.4 19.4 29.2

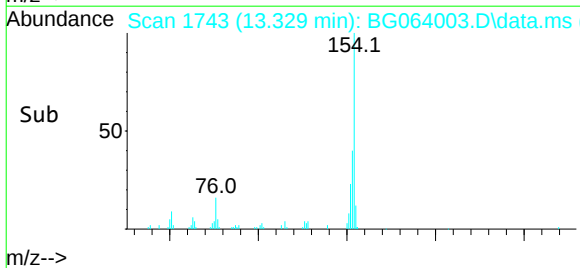
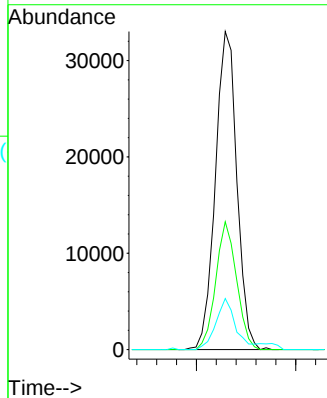
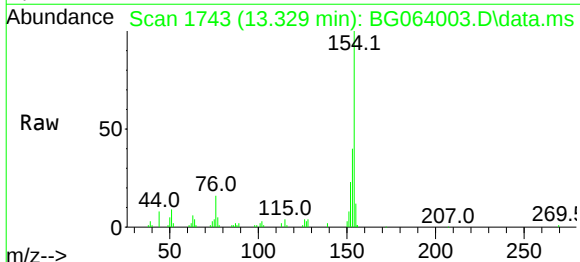
Manual Integrations
APPROVED

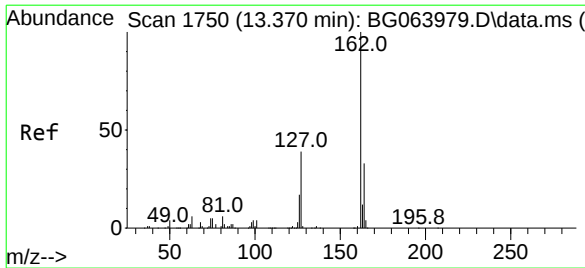
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#46
1,1'-Biphenyl
Concen: 4.585 ng
RT: 13.329 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:154 Resp: 49603
Ion Ratio Lower Upper
154 100
153 40.2 19.3 59.3
76 16.0 0.0 33.3





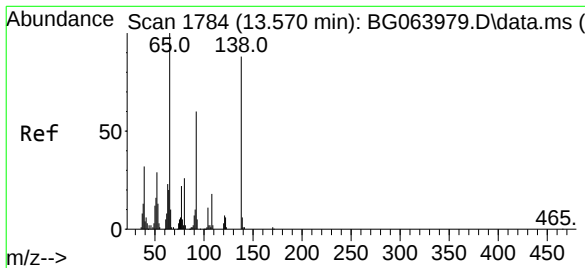
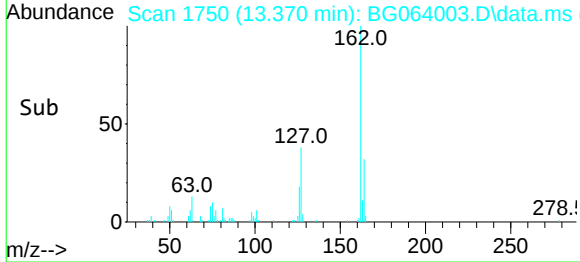
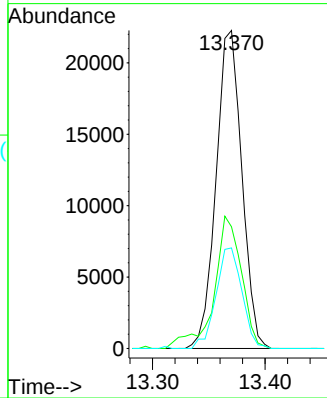
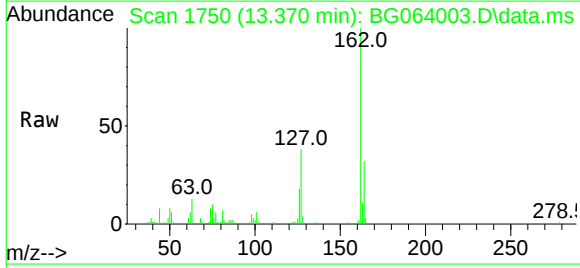
#47
2-Chloronaphthalene
Concen: 4.495 ng
RT: 13.370 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 162 Resp: 35445
Ion Ratio Lower Upper
162 100
127 38.3 33.4 50.2
164 31.6 26.0 39.0

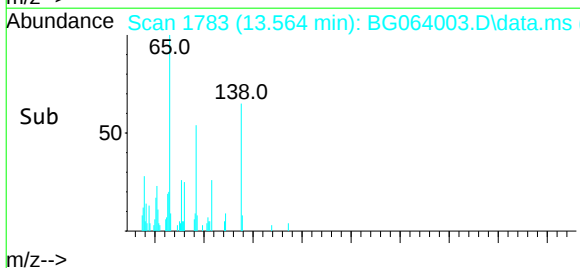
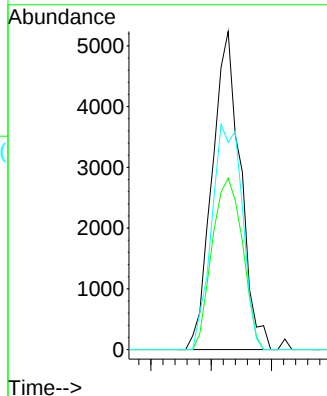
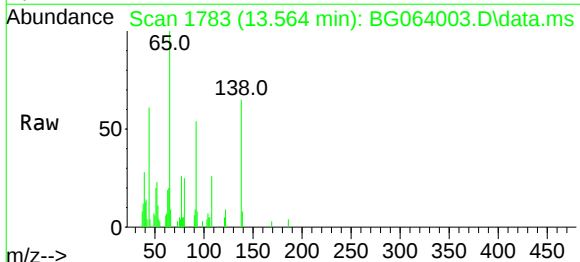
Manual Integrations
APPROVED

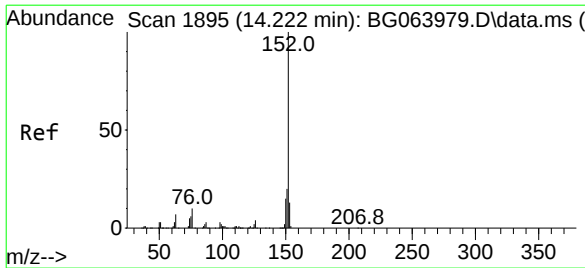
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#48
2-Nitroaniline
Concen: 8.748 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion: 65 Resp: 8522
Ion Ratio Lower Upper
65 100
92 53.9 47.6 71.4
138 65.1 70.6 106.0#





#49

Acenaphthylene

Concen: 4.452 ng

RT: 14.216 min Scan# 18

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

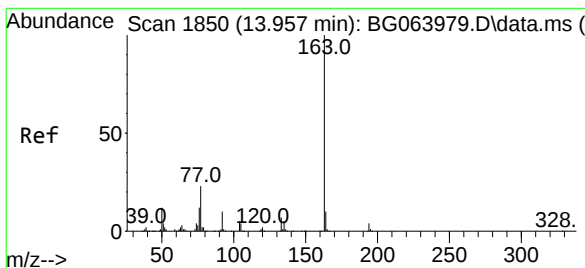
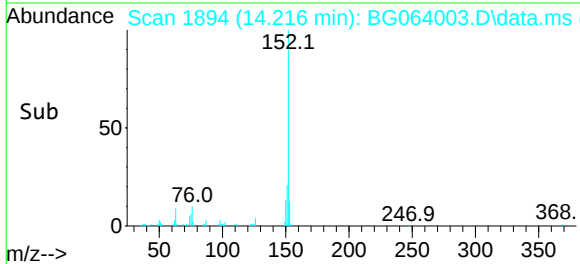
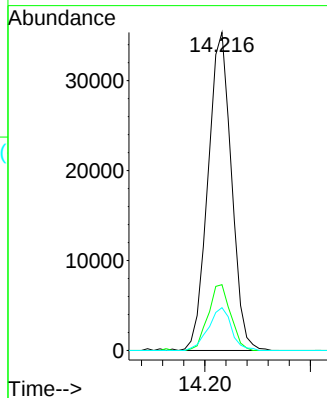
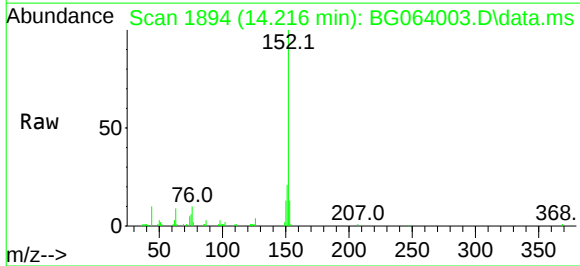
Tgt Ion:	152	Resp:	54531
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.9	23.9
153	13.5	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 4.409 ng

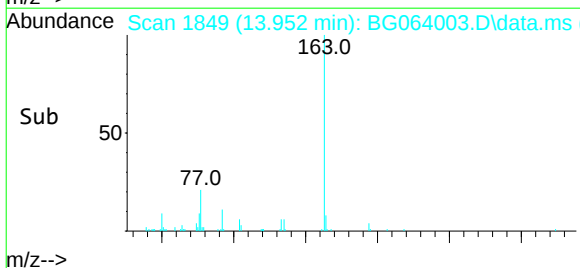
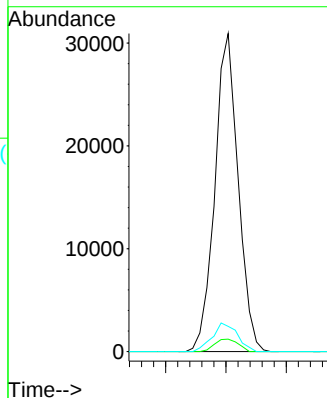
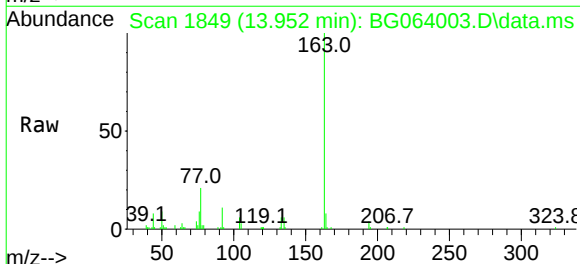
RT: 13.952 min Scan# 1849

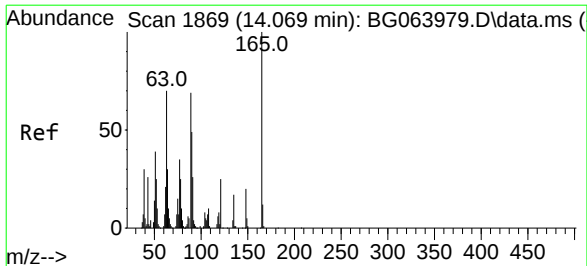
Delta R.T. -0.005 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

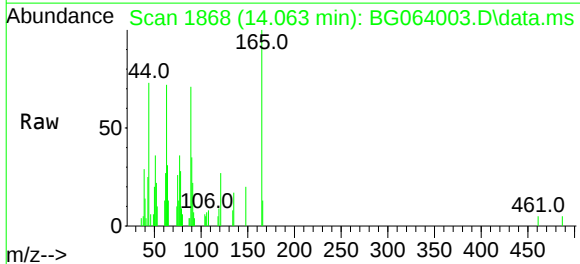
Tgt Ion:	163	Resp:	41540
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	7.9	8.0	12.0#





#51
2,6-Dinitrotoluene
Concen: 7.753 ng
RT: 14.063 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

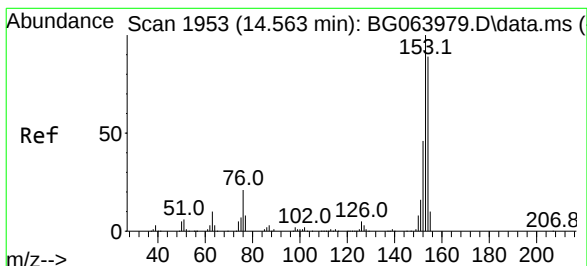
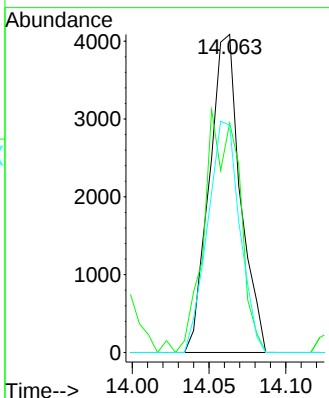
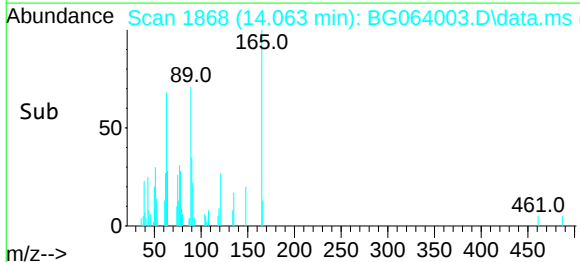
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



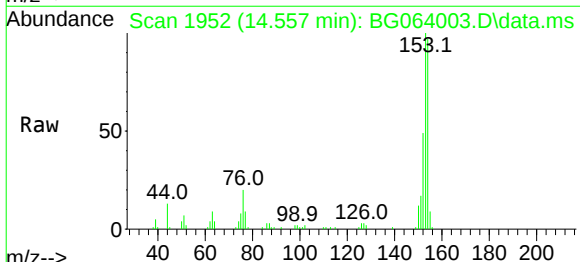
Tgt Ion:165 Resp: 5738
Ion Ratio Lower Upper
165 100
63 72.2 57.7 86.5
89 71.5 55.6 83.4

Manual Integrations
APPROVED

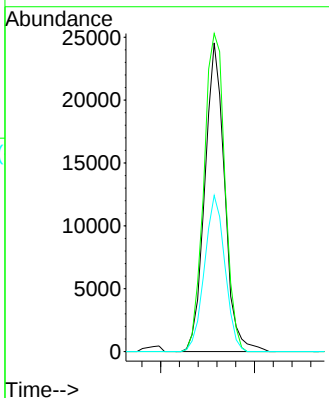
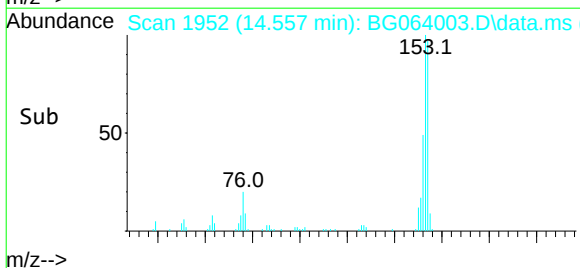
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

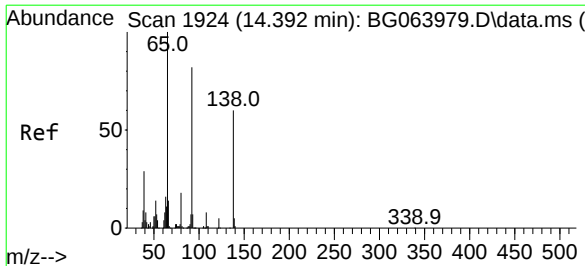


#52
Acenaphthene
Concen: 4.393 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



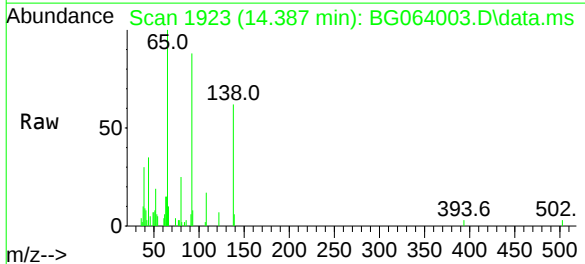
Tgt Ion:154 Resp: 36090
Ion Ratio Lower Upper
154 100
153 103.0 90.2 135.2
152 50.6 41.1 61.7





#53
3-Nitroaniline
Concen: 8.051 ng
RT: 14.387 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

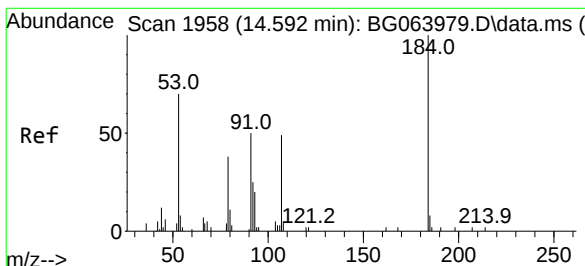
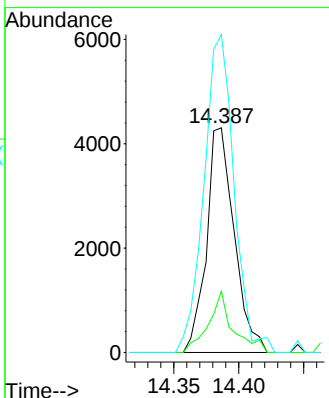
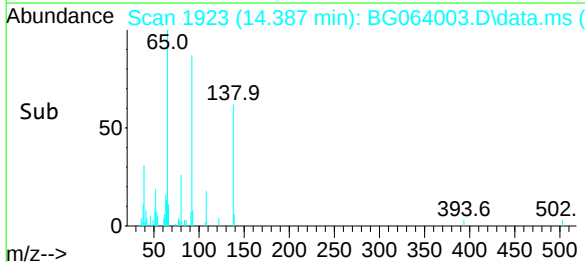
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:138 Resp: 6383
Ion Ratio Lower Upper
138 100
108 27.3 10.3 15.5#
92 141.5 109.0 163.4

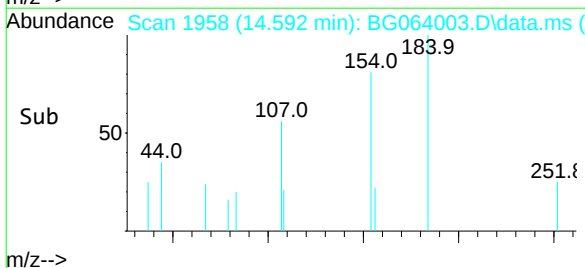
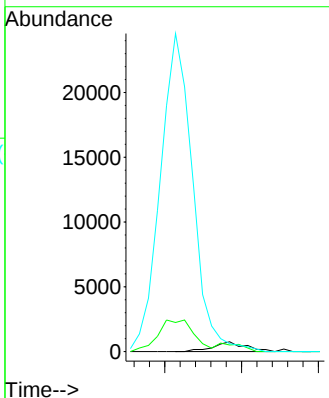
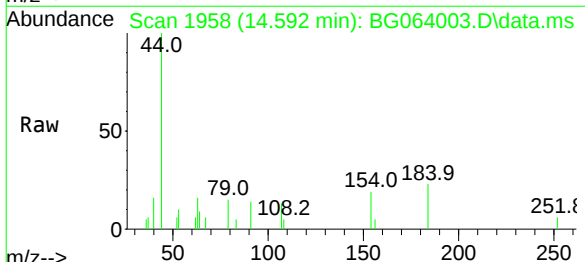
Manual Integrations
APPROVED

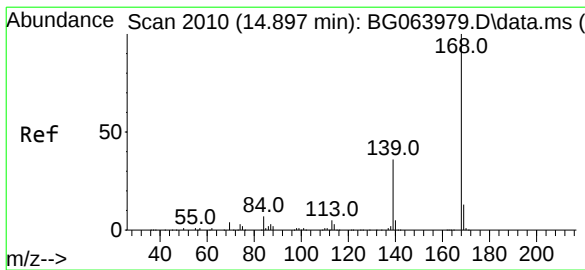
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 6.265 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

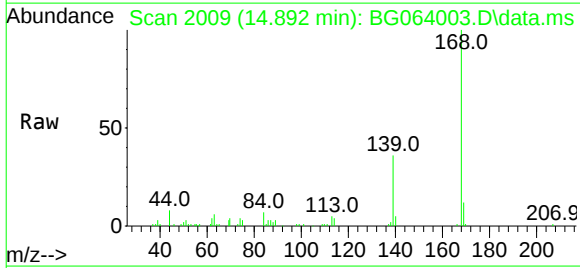
Tgt Ion:184 Resp: 1103
Ion Ratio Lower Upper
184 100
63 67.2 67.3 100.9#
154 80.9 65.9 98.9





#55
Dibenzenofuran
Concen: 4.137 ng
RT: 14.892 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

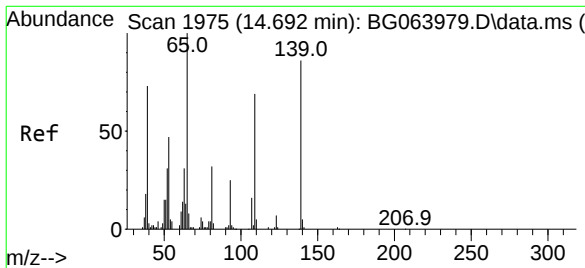
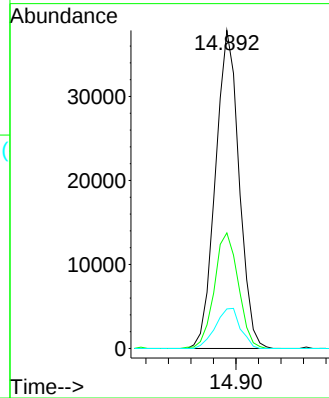
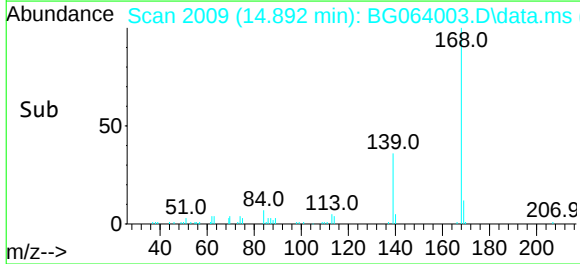
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 55190
Ion Ratio Lower Upper
168 100
139 36.3 28.6 43.0
169 12.4 10.6 16.0

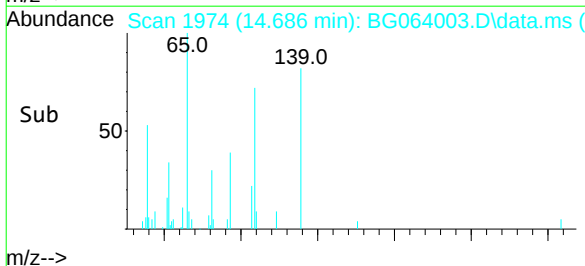
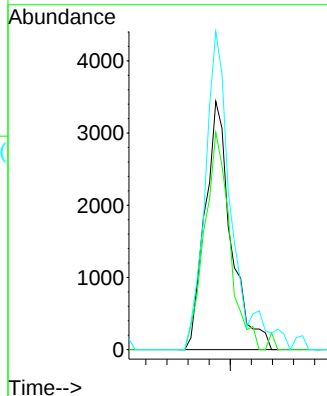
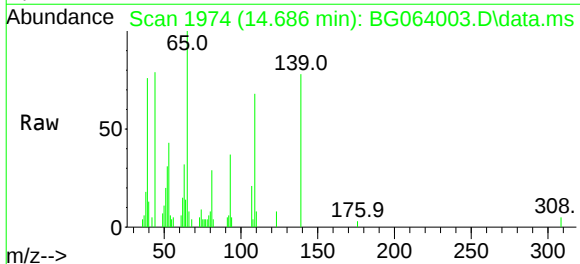
Manual Integrations
APPROVED

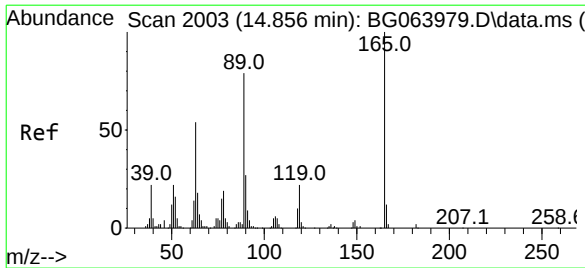
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 11.328 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

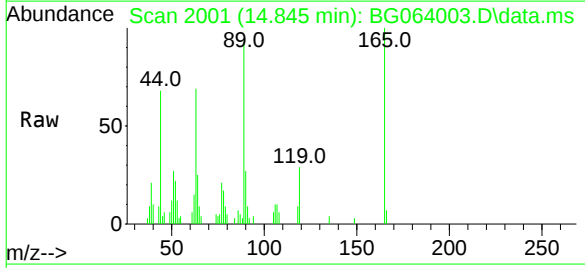
Tgt Ion:139 Resp: 5893
Ion Ratio Lower Upper
139 100
109 87.5 60.1 100.1
65 128.1 96.2 136.2





#57
2,4-Dinitrotoluene
Concen: 8.600 ng
RT: 14.845 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

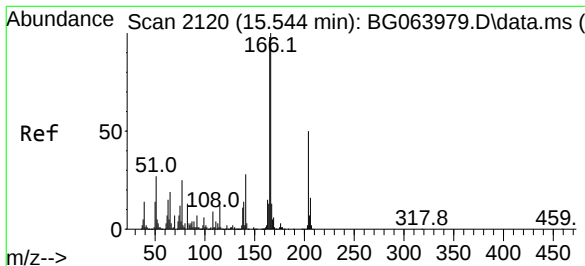
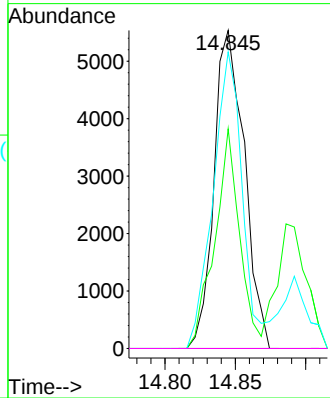
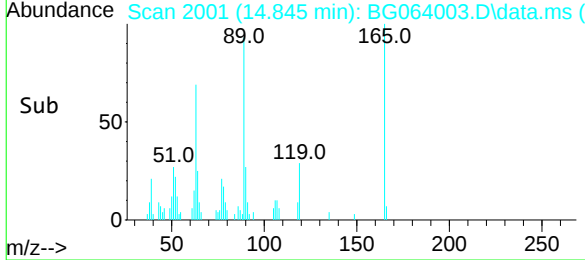
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



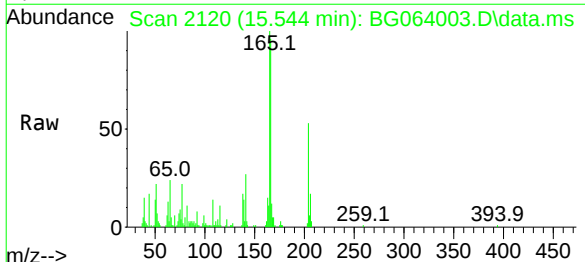
Tgt Ion:165 Resp: 8303
Ion Ratio Lower Upper
165 100
63 69.1 43.6 65.4#
89 93.2 63.1 94.7
182 0.0 1.4 2.0#

Manual Integrations
APPROVED

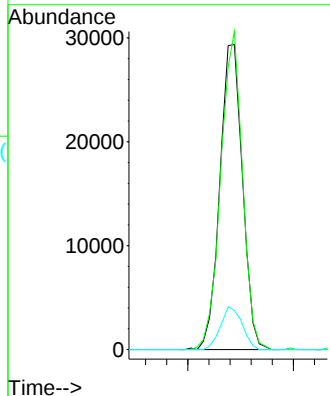
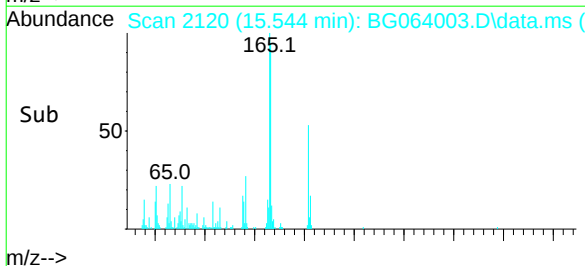
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

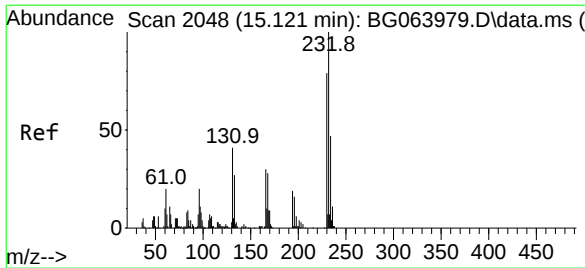


#58
Fluorene
Concen: 4.257 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



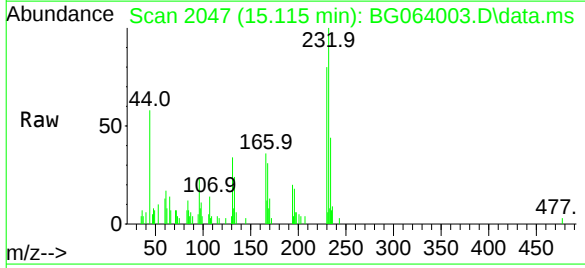
Tgt Ion:166 Resp: 43895
Ion Ratio Lower Upper
166 100
165 104.2 78.7 118.1
167 12.8 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.347 ng m
RT: 15.115 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

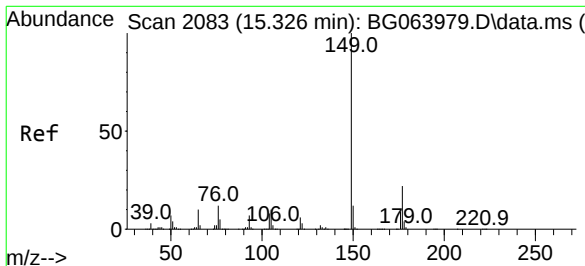
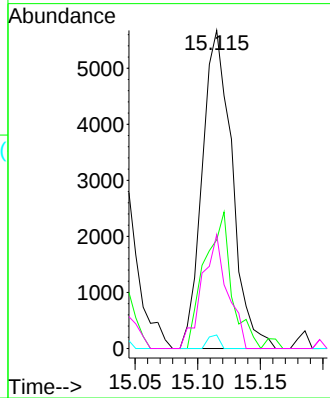
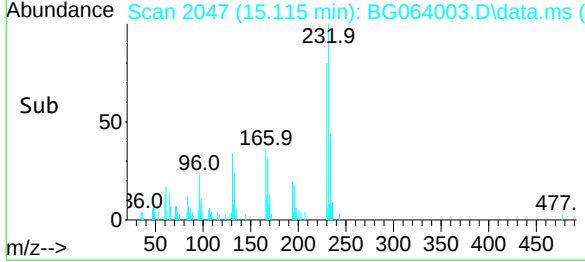
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:232 Resp: 9410
Ion Ratio Lower Upper
232 100
131 32.7 34.0 51.0#
130 2.1 2.2 3.4#
166 22.3 24.1 36.1#

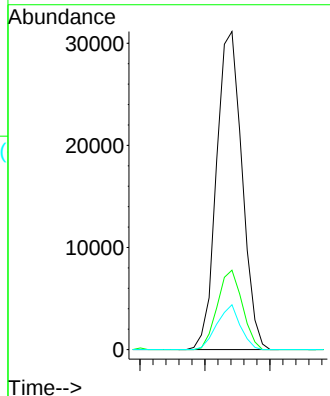
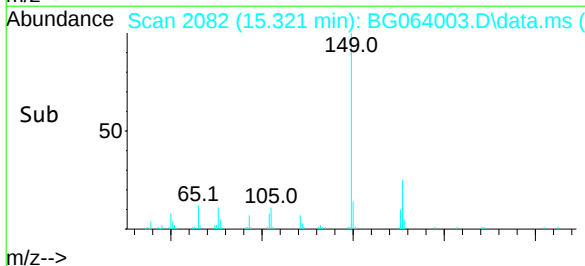
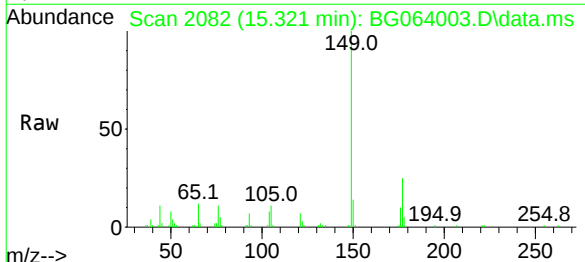
Manual Integrations
APPROVED

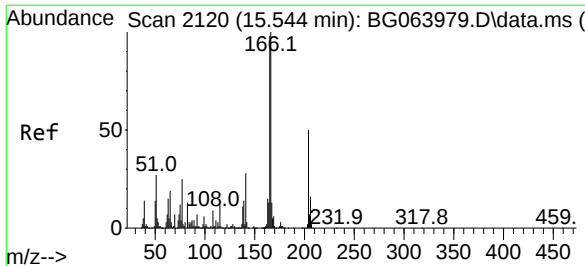
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 4.269 ng
RT: 15.321 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:149 Resp: 42641
Ion Ratio Lower Upper
149 100
177 25.0 18.0 27.0
150 14.1 9.7 14.5





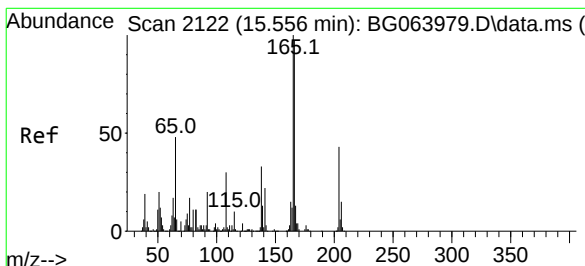
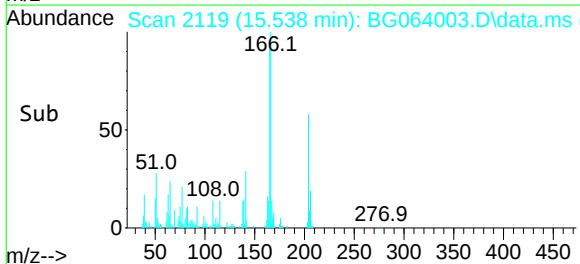
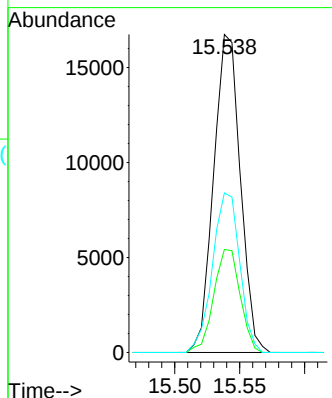
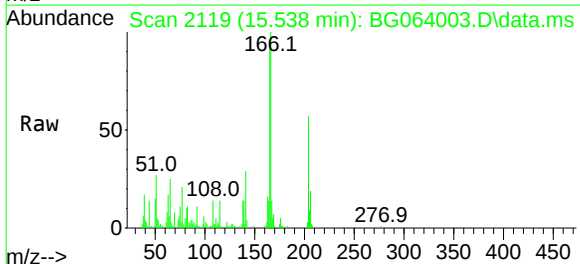
#61
4-Chlorophenyl-phenylether
Concen: 4.625 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	50.2	44.6	67.0

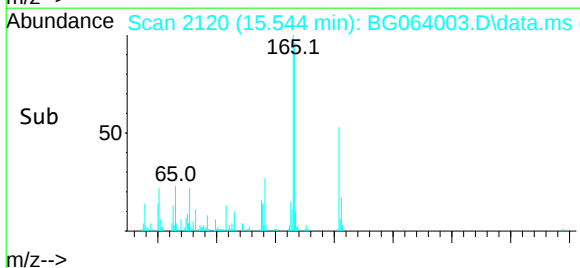
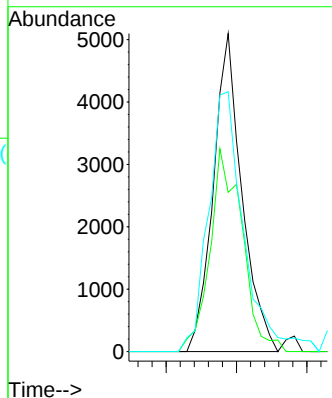
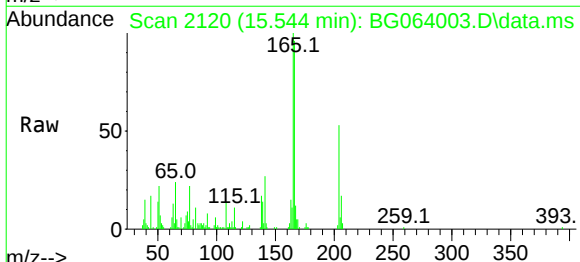
Manual Integrations
APPROVED

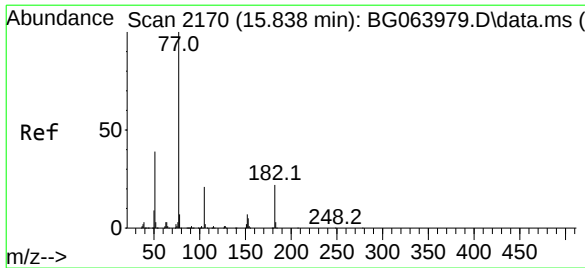
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#62
4-Nitroaniline
Concen: 6.903 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	40.3	80.3
108	81.7	69.3	109.3





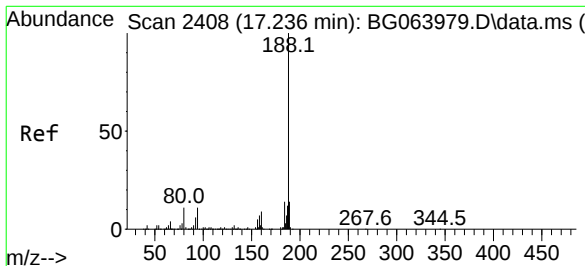
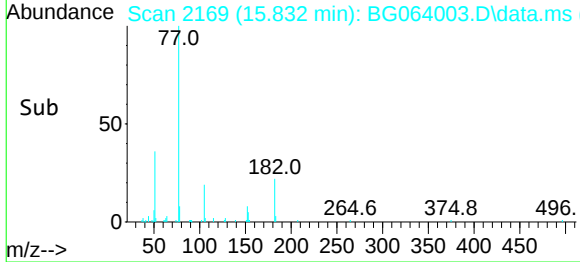
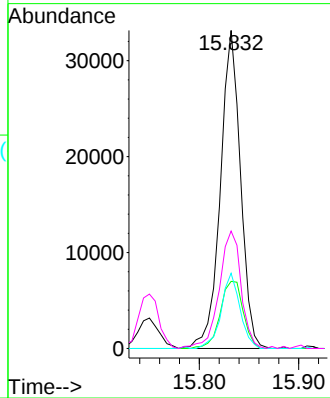
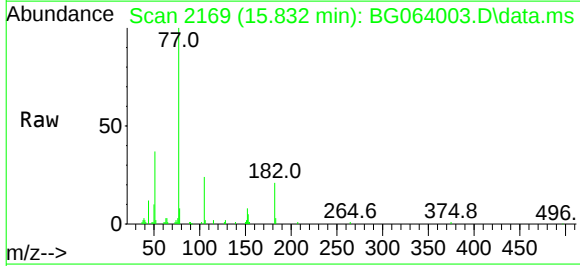
#63
Azobenzene
Concen: 3.955 ng
RT: 15.832 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 77	Resp: 46668
Ion Ratio	Lower Upper
77 100	
182 21.1	2.3 42.3
105 23.6	1.0 41.0
51 36.9	19.0 59.0

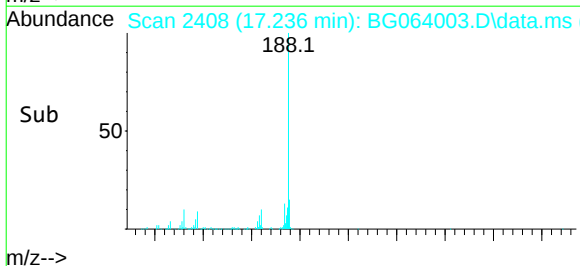
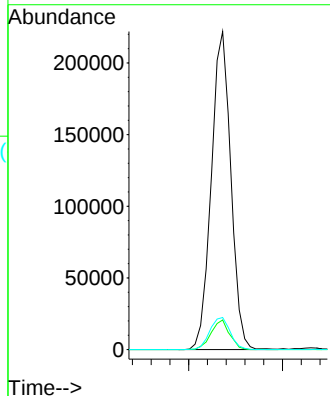
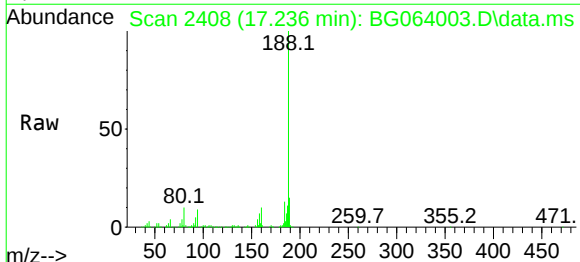
Manual Integrations
APPROVED

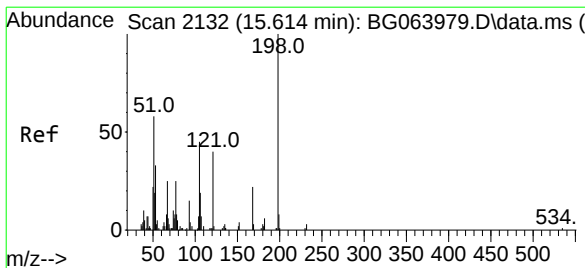
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

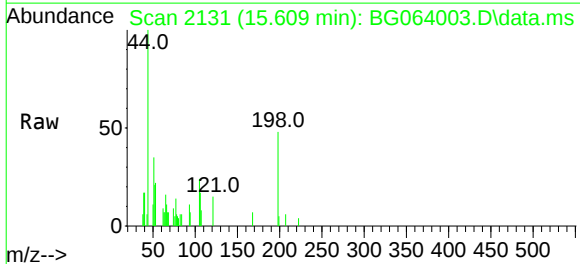
Tgt Ion:188	Resp: 320869
Ion Ratio	Lower Upper
188 100	
94 9.3	8.6 13.0
80 10.1	8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 6.969 ng
RT: 15.609 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

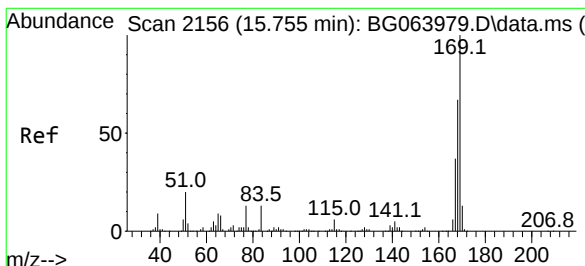
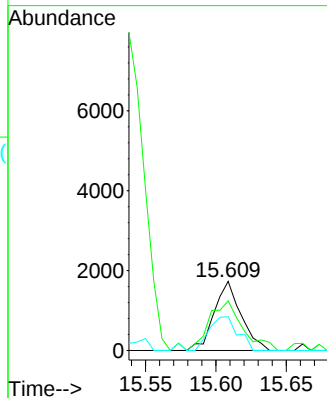
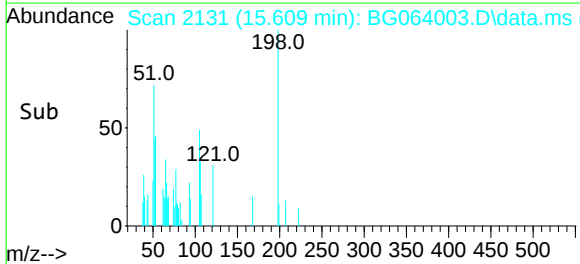
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



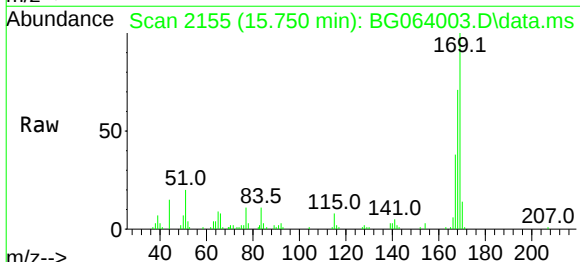
Tgt Ion:198 Resp: 2302
Ion Ratio Lower Upper
198 100
51 71.7 45.4 85.4
105 49.0 27.7 67.7

Manual Integrations
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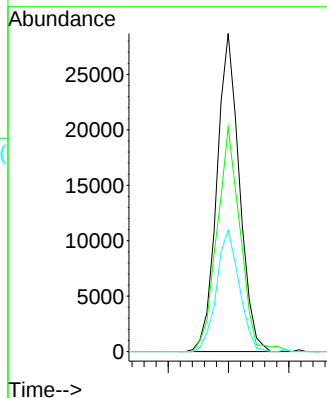
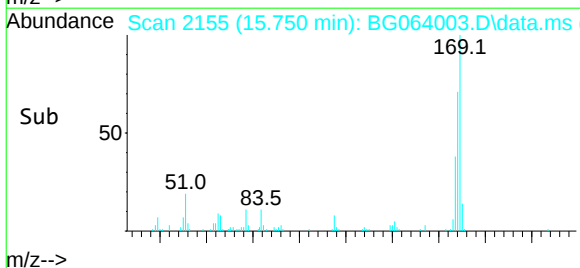
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

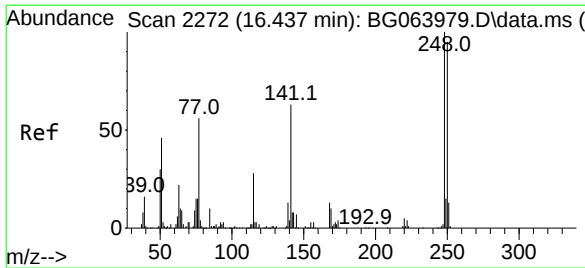


#66
n-Nitrosodiphenylamine
Concen: 4.182 ng
RT: 15.750 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



Tgt Ion:169 Resp: 37201
Ion Ratio Lower Upper
169 100
168 70.6 53.5 80.3
167 38.2 30.0 45.0





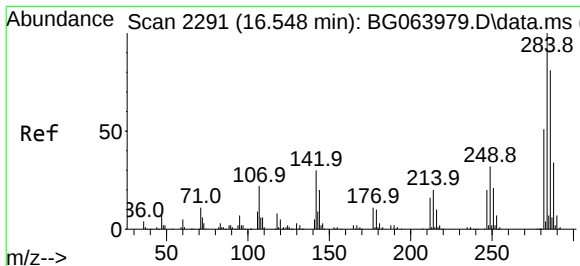
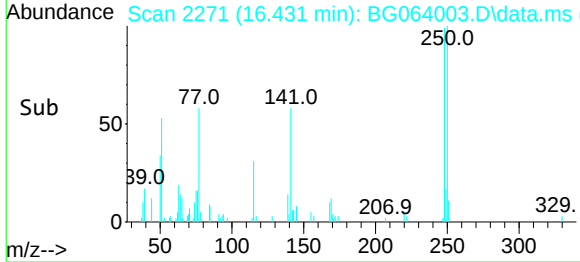
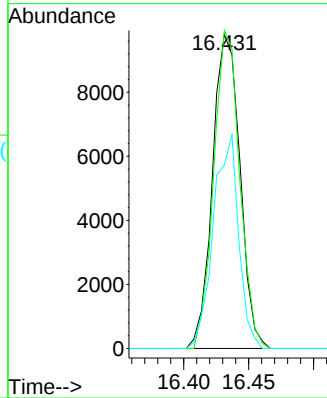
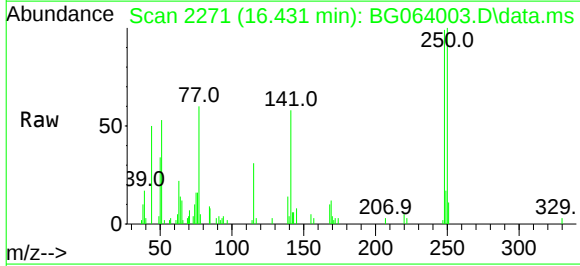
#67
4-Bromophenyl-phenylether
Concen: 4.510 ng
RT: 16.431 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:248 Resp: 14405
Ion Ratio Lower Upper
248 100
250 101.3 76.2 114.4
141 58.5 50.6 75.8

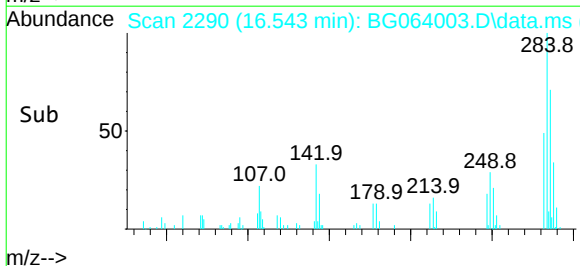
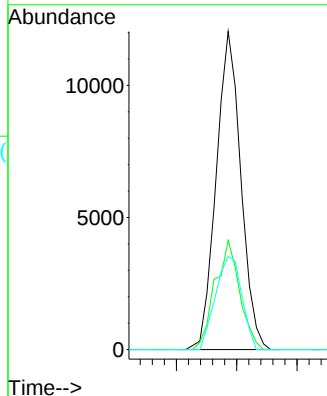
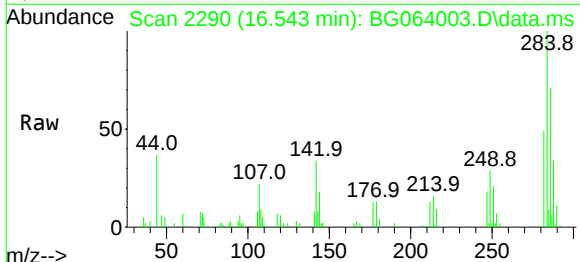
Manual Integrations
APPROVED

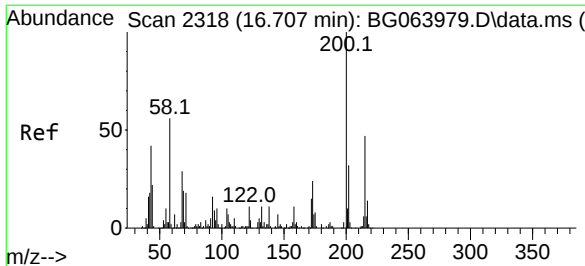
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#68
Hexachlorobenzene
Concen: 4.554 ng
RT: 16.543 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:284 Resp: 17100
Ion Ratio Lower Upper
284 100
142 34.4 23.8 35.8
249 29.4 25.9 38.9





#69

Atrazine

Concen: 4.816 ng

RT: 16.696 min Scan# 2316

Delta R.T. -0.011 min

Lab File: BG064003.D

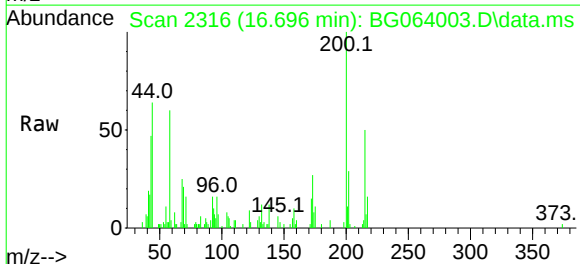
Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

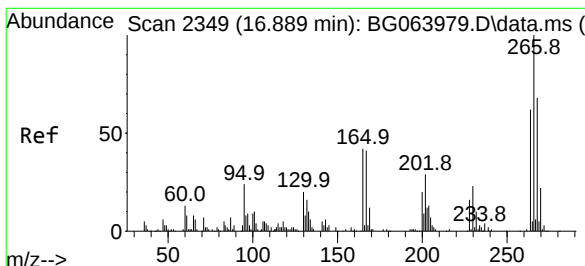
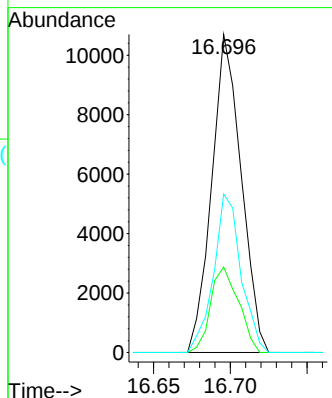
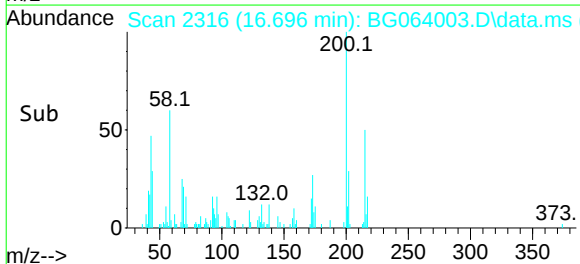
LOD-MDL-WATER-01-QT1-2025



Tgt	Ion:200	Resp:	14259
Ion	Ratio	Lower	Upper
200	100		
173	26.9	3.8	43.8
215	49.8	26.6	66.6

Manual Integrations
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Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 11.443 ng

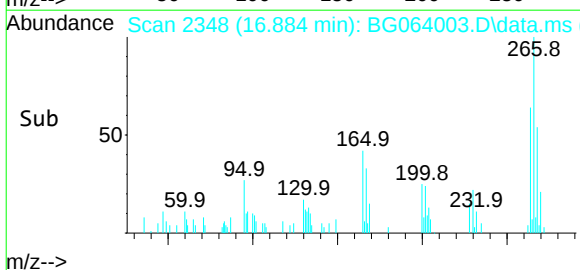
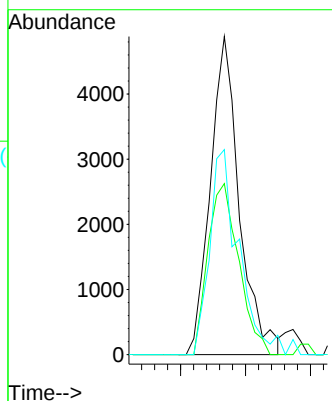
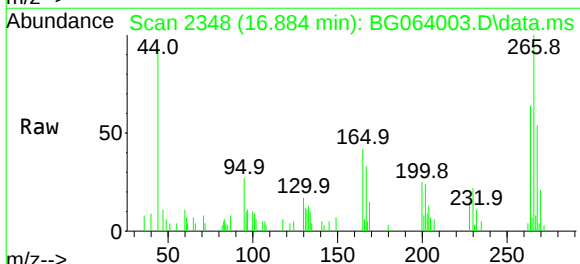
RT: 16.884 min Scan# 2348

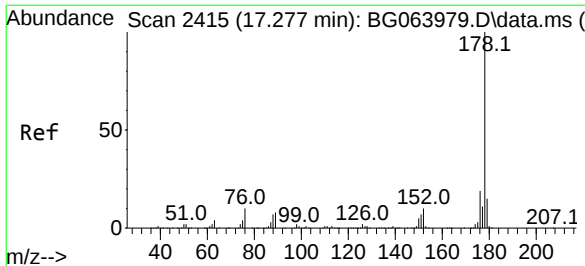
Delta R.T. -0.005 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

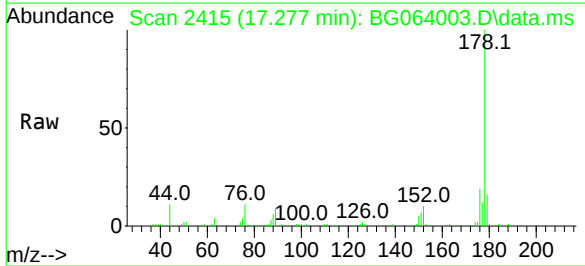
Tgt	Ion:266	Resp:	7575
Ion	Ratio	Lower	Upper
266	100		
268	53.8	54.8	82.2#
264	64.4	50.0	75.0





#71
Phenanthrene
Concen: 4.527 ng
RT: 17.277 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

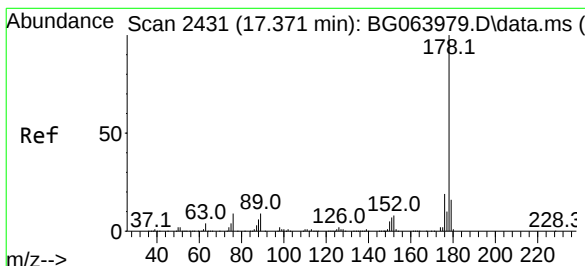
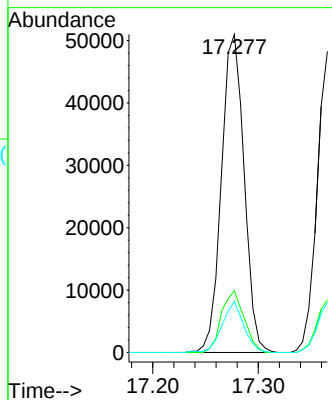
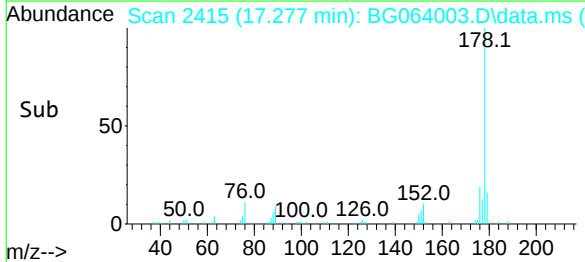
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



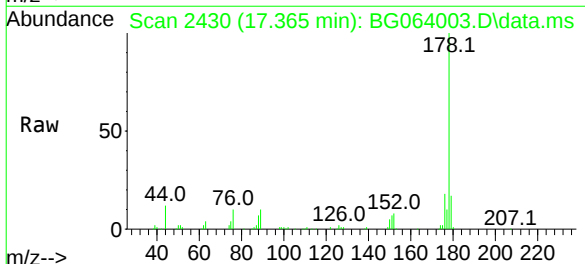
Tgt Ion:178 Resp: 76297
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.1 12.2 18.4

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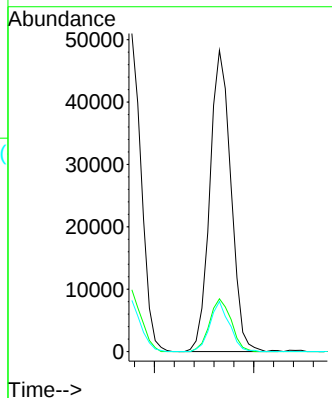
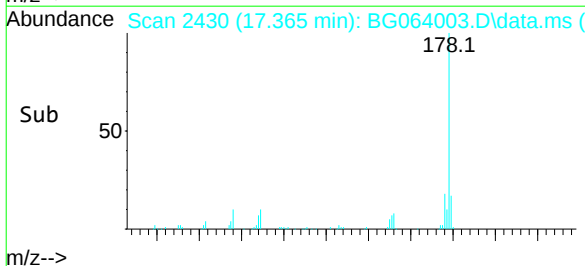
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

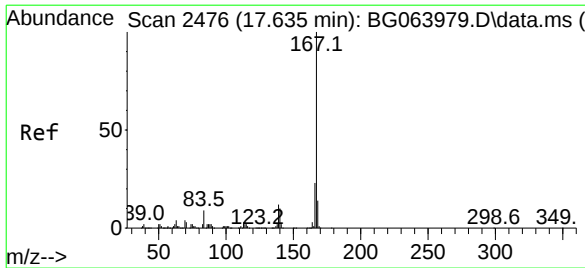


#72
Anthracene
Concen: 4.224 ng
RT: 17.365 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52



Tgt Ion:178 Resp: 71231
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 16.6 12.8 19.2





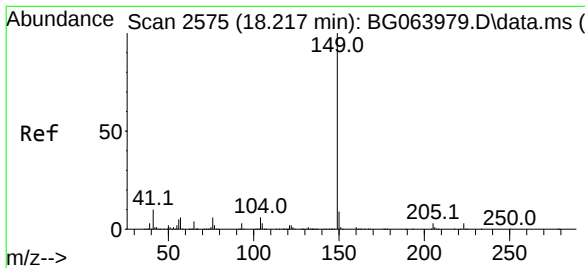
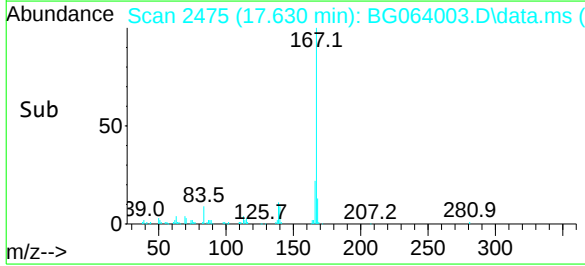
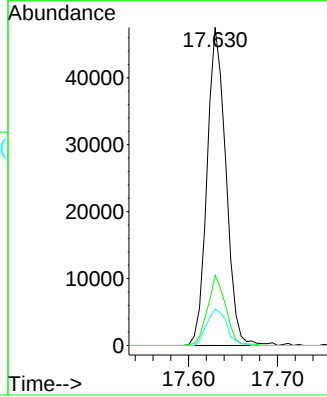
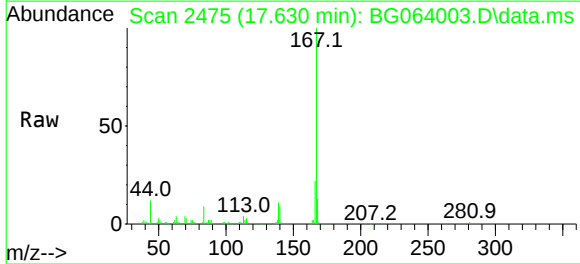
#73
 Carbazole
 Concen: 4.429 ng
 RT: 17.630 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BG064003.D
 Acq: 5 Feb 2025 17:52

Instrument : BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	167	Resp:	69917
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.6	28.0
139	11.5	9.8	14.8

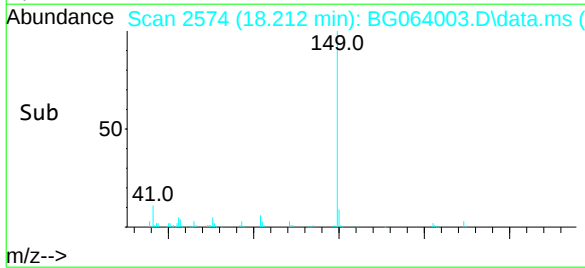
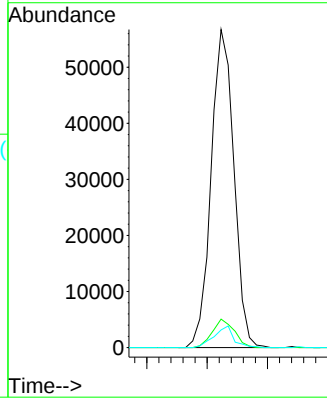
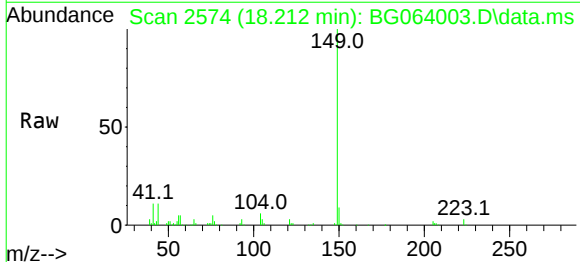
Manual Integrations
 APPROVED

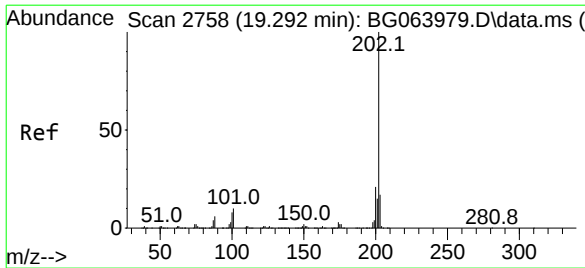
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#74
 Di-n-butylphthalate
 Concen: 4.525 ng
 RT: 18.212 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BG064003.D
 Acq: 5 Feb 2025 17:52

Tgt Ion:	149	Resp:	74467
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.5	4.6	6.8





#75

Fluoranthene

Concen: 4.438 ng

RT: 19.287 min Scan# 27

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

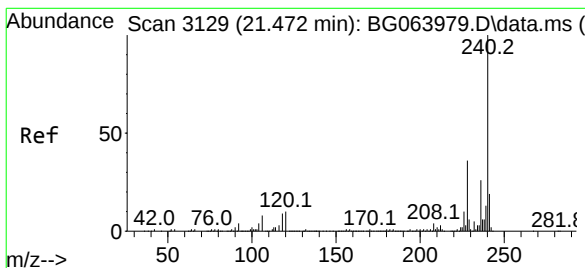
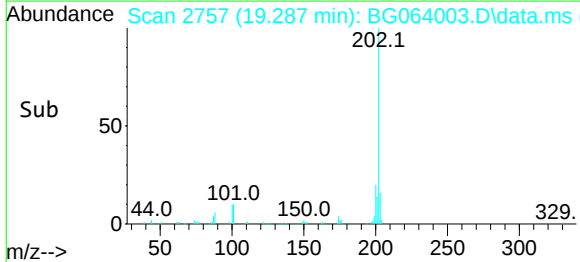
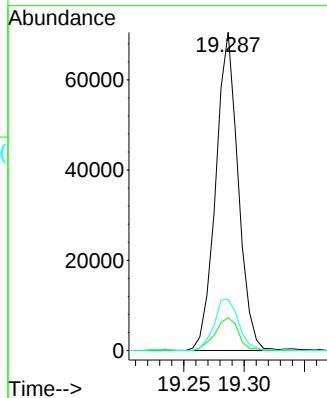
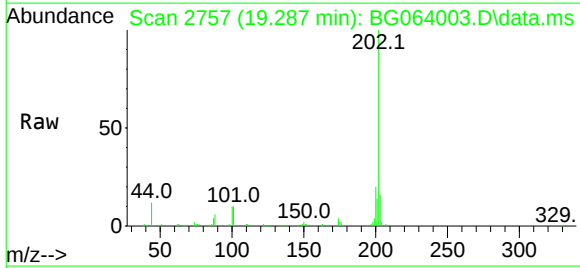
Tgt	Ion	202	Resp:	91074
Ion	Ratio	Lower	Upper	
202	100			
101	10.3	0.0	30.4	
203	16.0	0.0	37.0	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

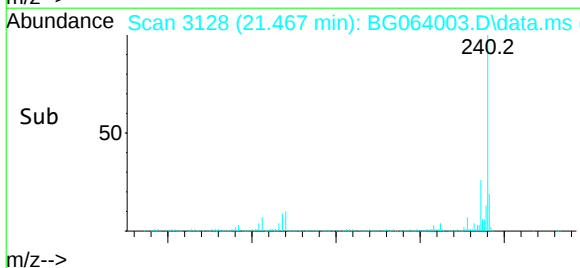
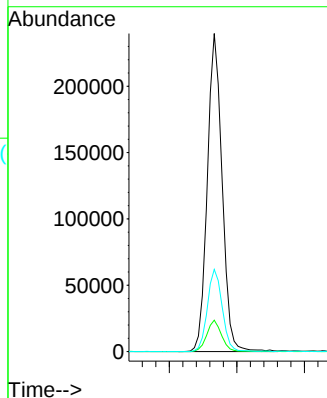
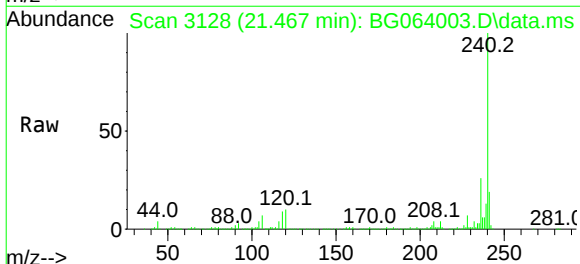
RT: 21.467 min Scan# 3128

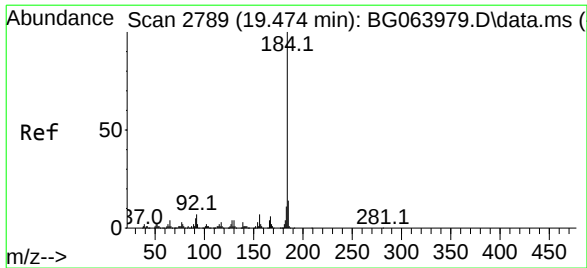
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt	Ion	240	Resp:	364672
Ion	Ratio	Lower	Upper	
240	100			
120	9.9	7.9	11.9	
236	25.8	21.0	31.6	





#77

Benzidine

Concen: 3.129 ng

RT: 19.469 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BG064003.D

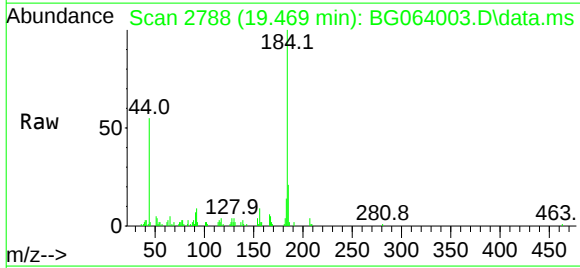
Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



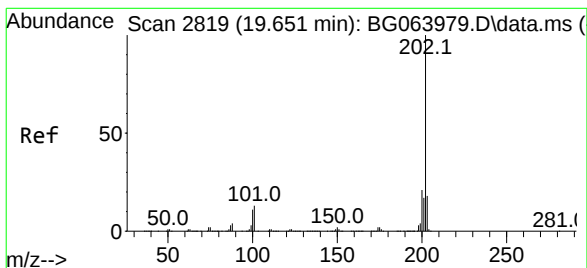
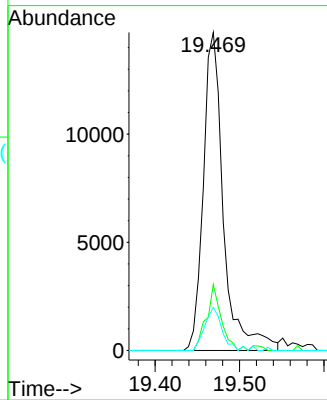
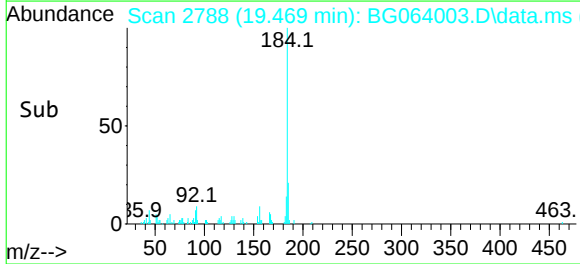
Tgt Ion:	184	Resp:	24295
Ion Ratio	Lower	Upper	
184	100		
185	20.8	11.2	16.8
183	13.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 4.700 ng

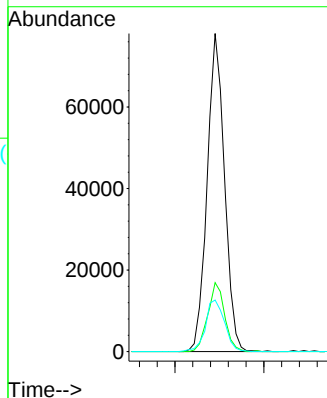
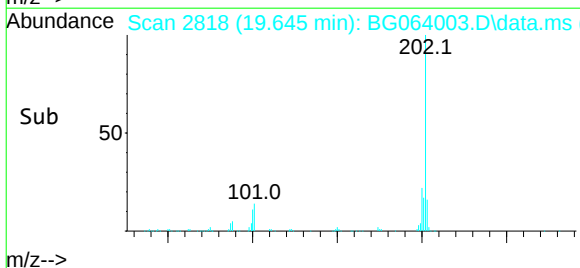
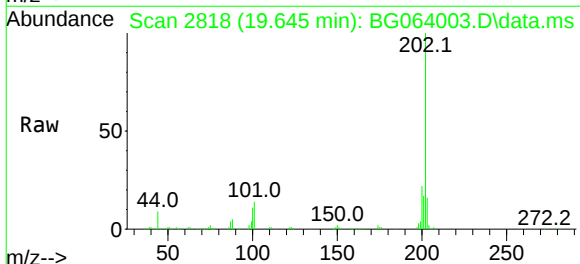
RT: 19.645 min Scan# 2818

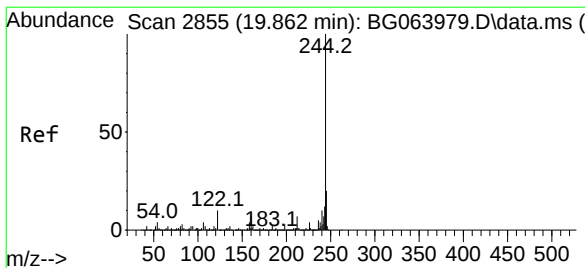
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	202	Resp:	105810
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	16.2	14.5	21.7





#79

Terphenyl-d14

Concen: 92.217 ng

RT: 19.857 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BG064003.D

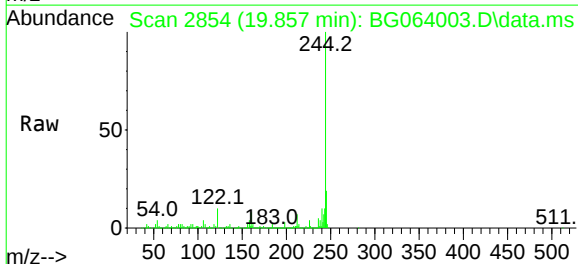
Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:244 Resp: 1610222

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

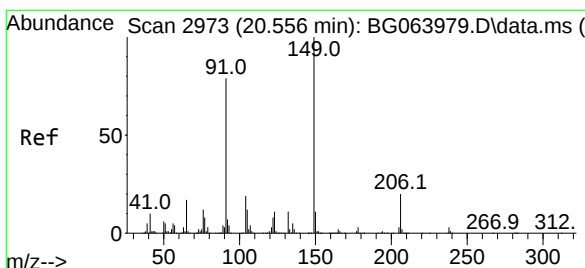
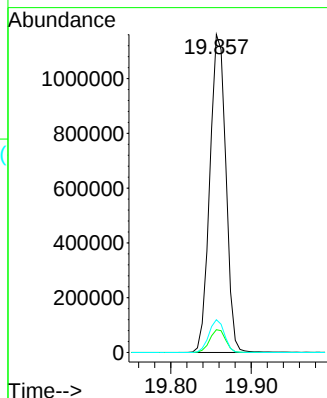
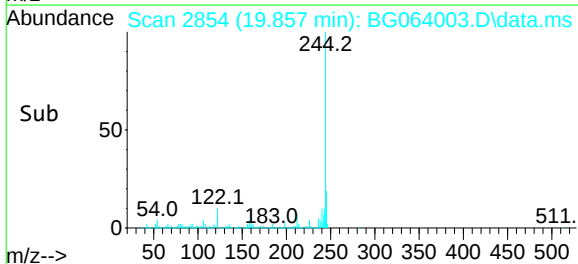
122 10.3 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#80

Butylbenzylphthalate

Concen: 8.976 ng

RT: 20.556 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

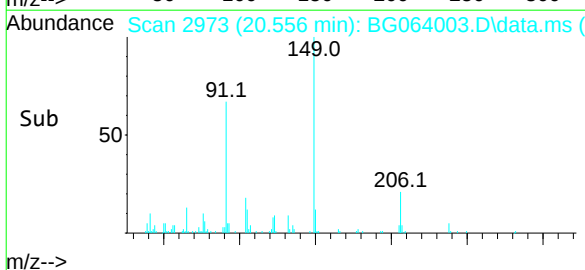
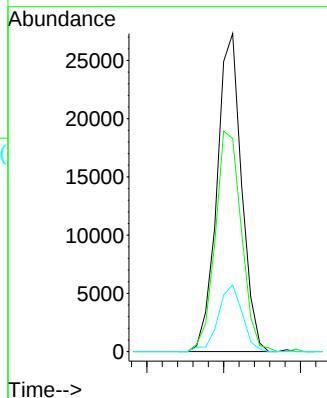
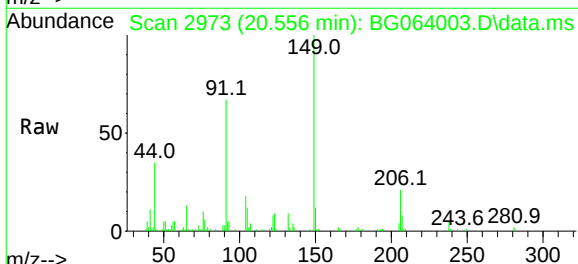
Tgt Ion:149 Resp: 30400

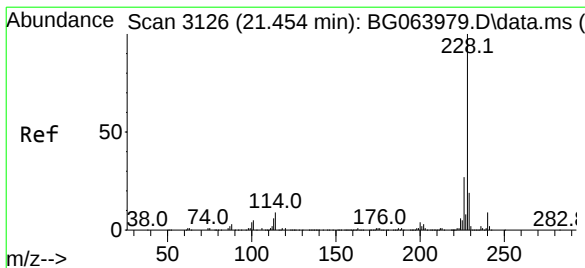
Ion Ratio Lower Upper

149 100

91 67.0 63.0 94.6

206 21.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 4.587 ng

RT: 21.449 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

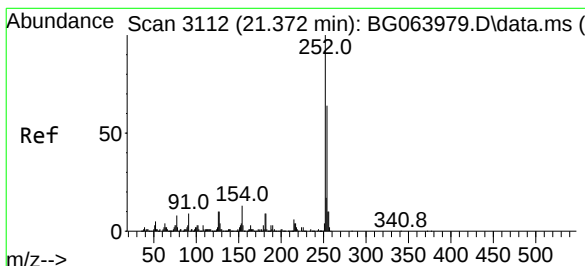
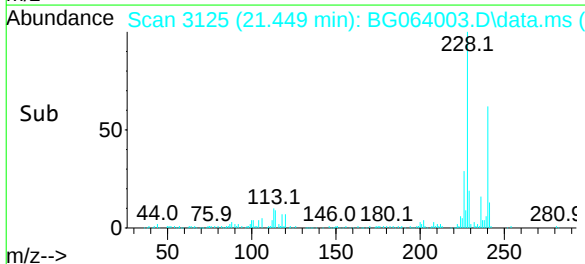
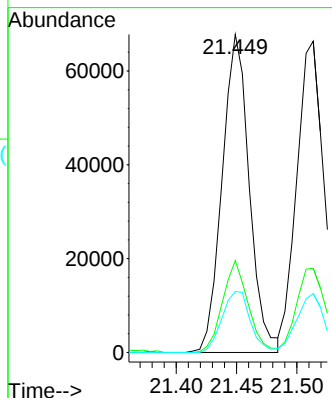
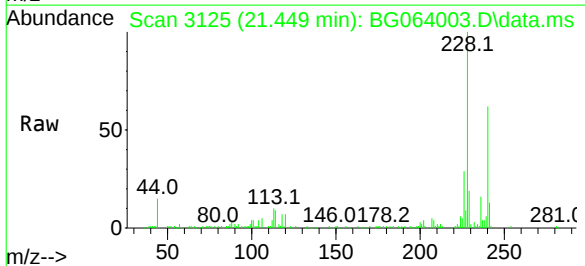
Tgt Ion:	228	Resp:	106193
Ion Ratio	Lower	Upper	
228	100		
226	28.9	21.8	32.6
229	19.2	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 4.410 ng

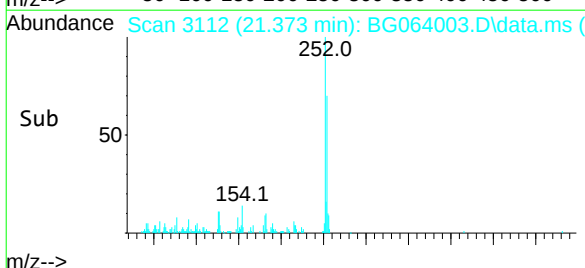
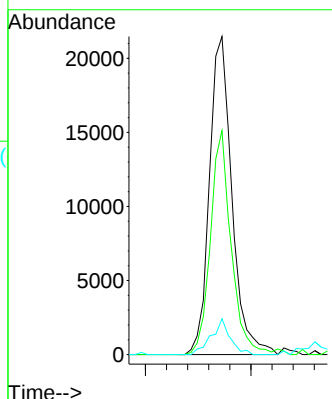
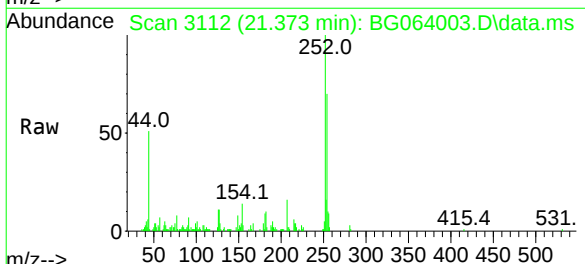
RT: 21.373 min Scan# 3112

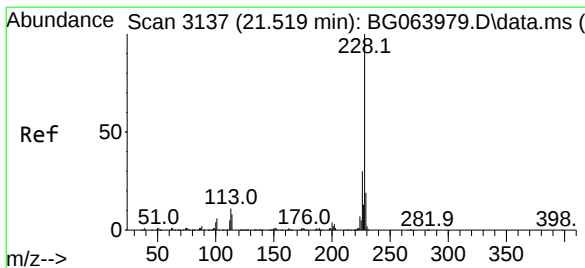
Delta R.T. 0.000 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	252	Resp:	31797
Ion Ratio	Lower	Upper	
252	100		
254	70.4	50.8	76.2
126	11.3	8.2	12.2





#83

Chrysene

Concen: 4.660 ng

RT: 21.514 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

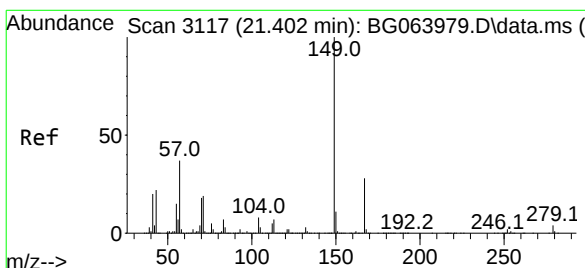
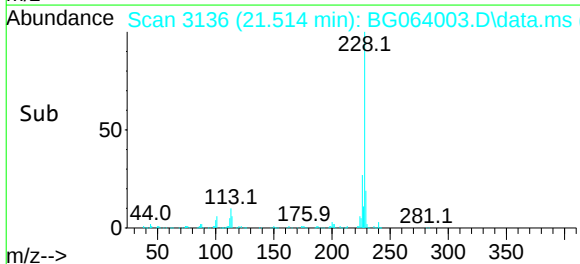
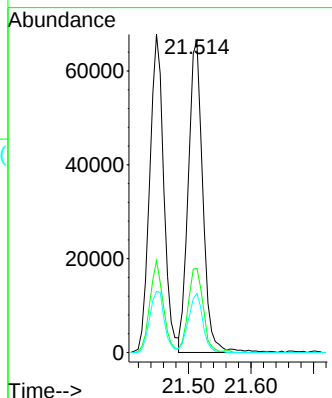
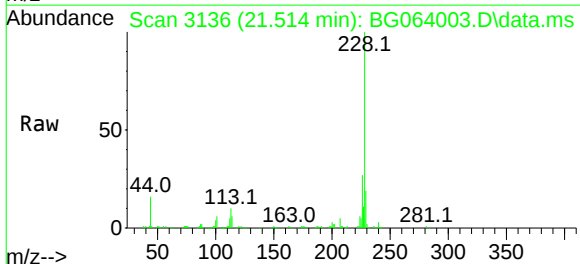
Tgt Ion:	228	Resp:	107379
Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.2	36.2
229	18.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.105 ng

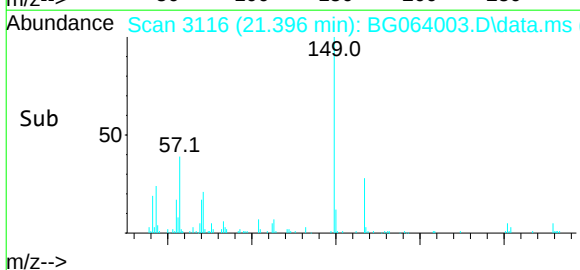
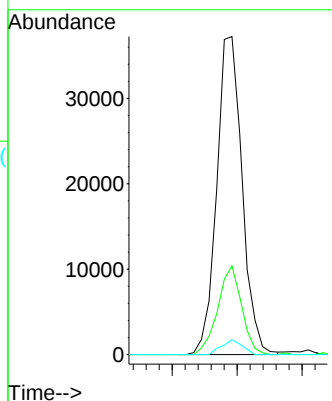
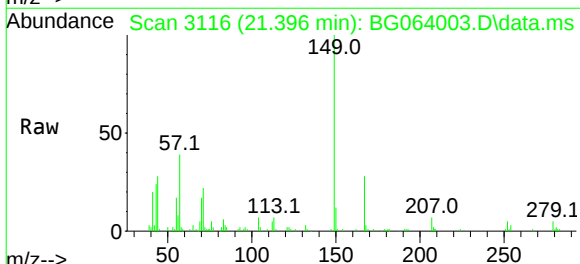
RT: 21.396 min Scan# 3116

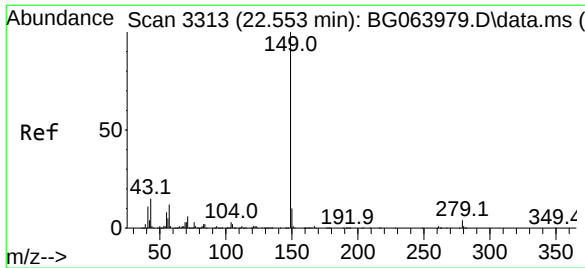
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	149	Resp:	50548
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.7	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 10.371 ng

RT: 22.548 min Scan# 3313

Delta R.T. -0.005 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

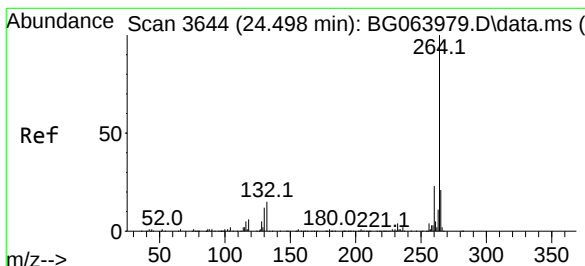
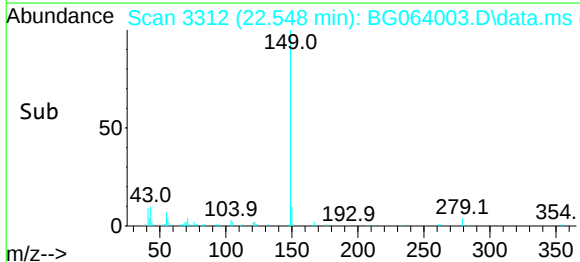
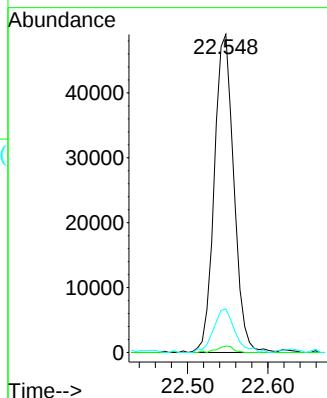
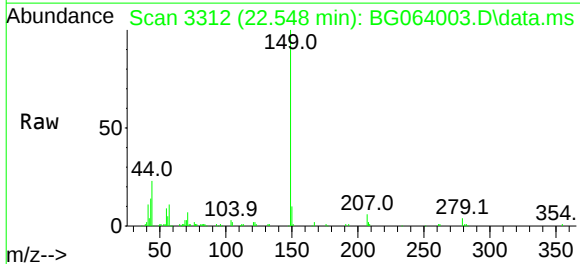
Tgt Ion:	149	Resp:	82711
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	15.1	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#86

Perylene-d12

Concen: 20.000 ng

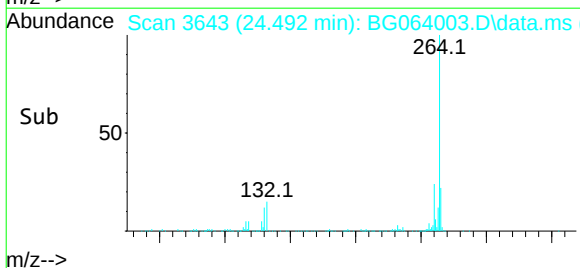
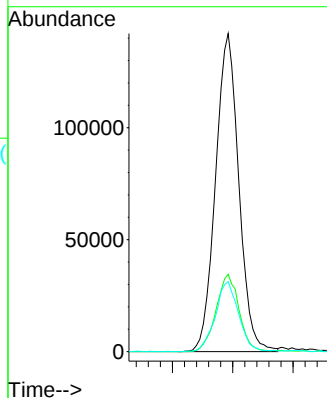
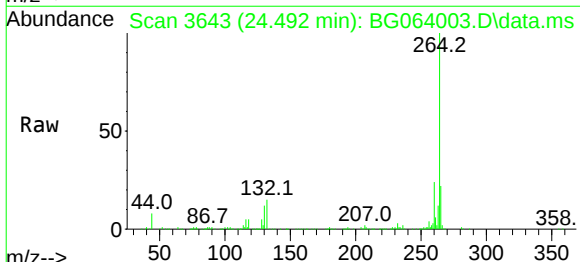
RT: 24.492 min Scan# 3643

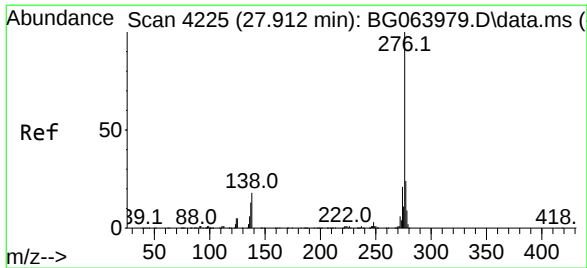
Delta R.T. -0.006 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	264	Resp:	380311
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	22.0	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.603 ng

RT: 27.894 min Scan# 42

Delta R.T. -0.017 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

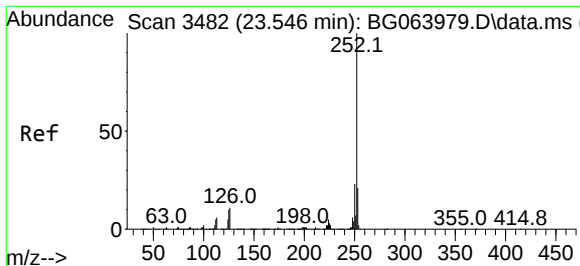
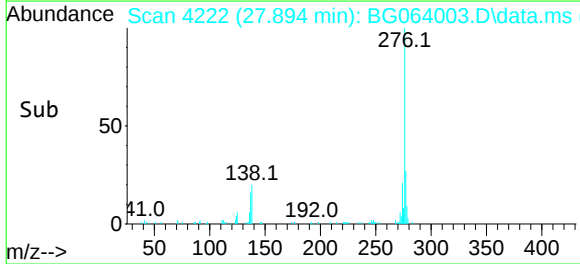
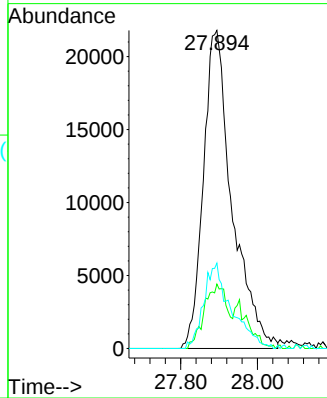
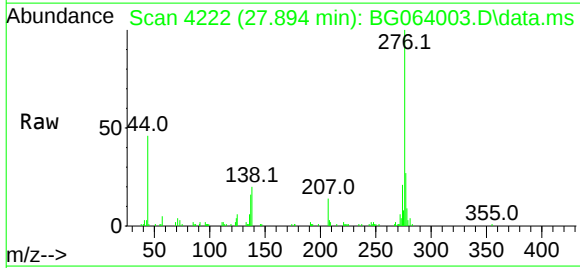
Tgt Ion:	276	Resp:	112940
Ion	Ratio	Lower	Upper
276	100		
138	16.4	10.7	16.1
277	25.8	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 4.443 ng

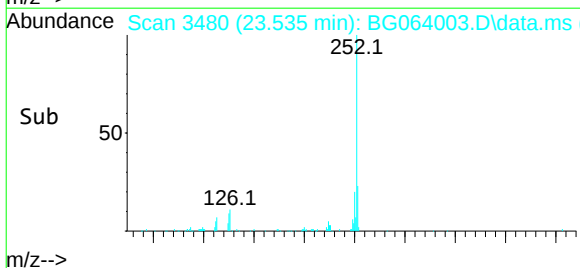
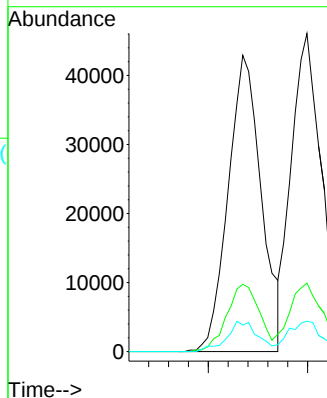
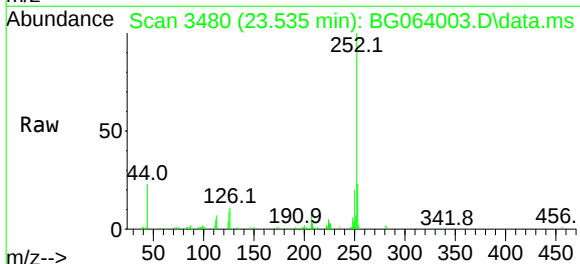
RT: 23.535 min Scan# 3480

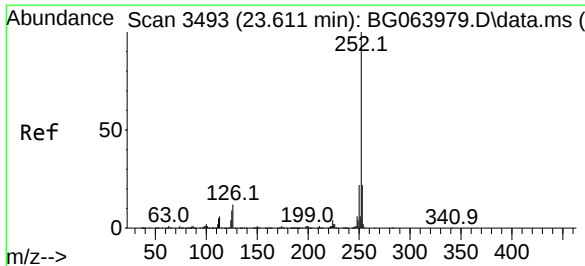
Delta R.T. -0.011 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Tgt Ion:	252	Resp:	99491
Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	9.0	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 4.275 ng

RT: 23.599 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

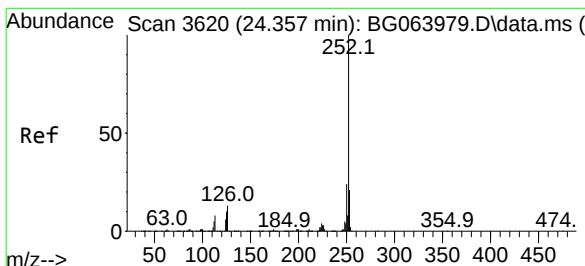
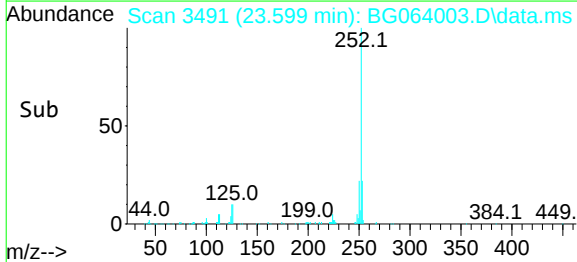
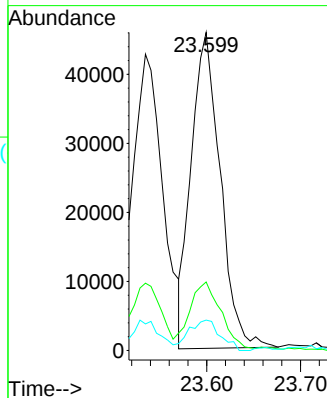
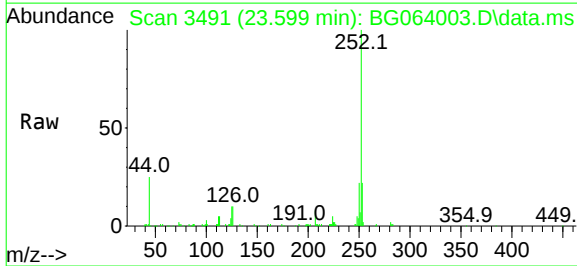
Tgt Ion:	252	Resp:	98302
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	9.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 4.622 ng

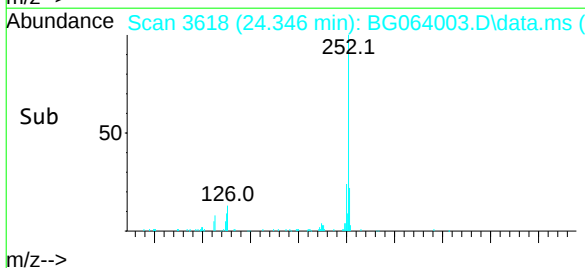
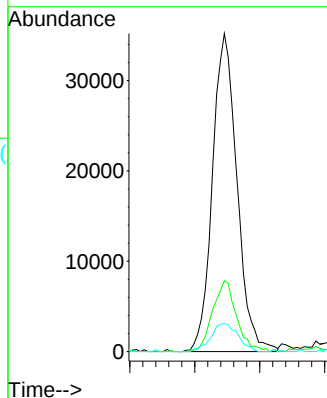
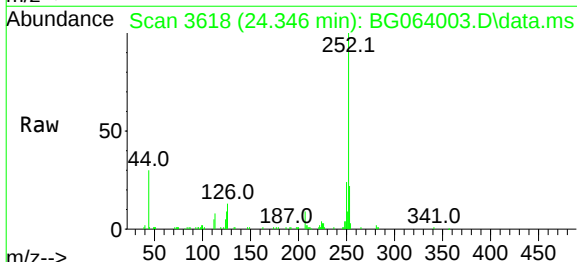
RT: 24.346 min Scan# 3618

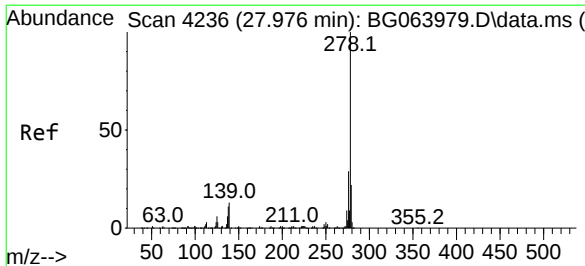
Delta R.T. -0.011 min

Lab File: BG064003.D

Acq: 5 Feb 2025 17:52

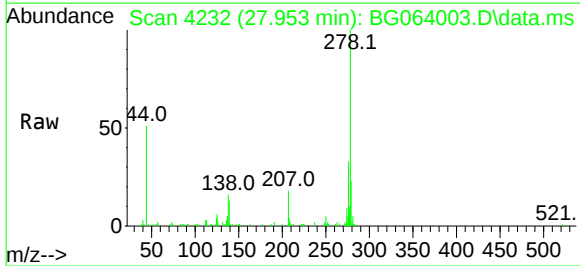
Tgt Ion:	252	Resp:	92382
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	8.9	7.9	11.9





#91
Dibenzo(a,h)anthracene
Concen: 4.438 ng
RT: 27.953 min Scan# 4236
Delta R.T. -0.023 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

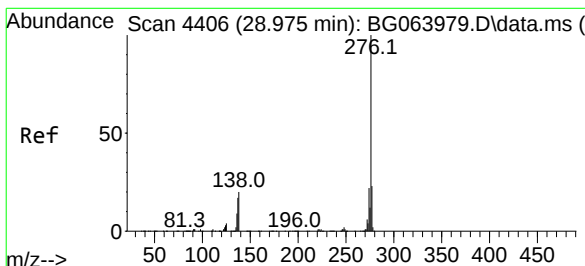
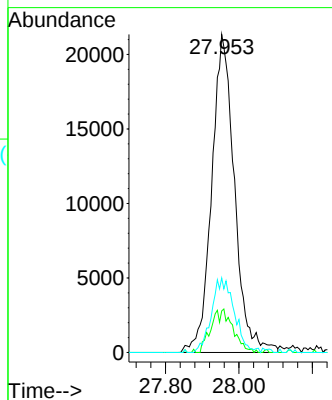
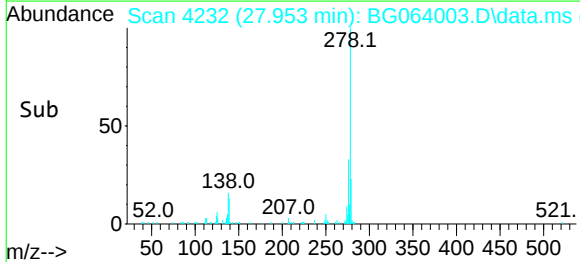
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:278 Resp: 91938
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.4 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 4.330 ng
RT: 28.940 min Scan# 4400
Delta R.T. -0.035 min
Lab File: BG064003.D
Acq: 5 Feb 2025 17:52

Tgt Ion:276 Resp: 90564
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 21.4 15.8 23.6

