

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064004.D
 Acq On : 5 Feb 2025 18:29
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 06 01:27:14 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	63398	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	274376	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	184271	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	428401	20.000	ng	0.00
76) Chrysene-d12	21.467	240	500634	20.000	ng	0.00
86) Perylene-d12	24.492	264	516055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	492924	124.659	ng	0.00
7) Phenol-d6	7.036	99	707375	130.358	ng	0.00
23) Nitrobenzene-d5	9.022	82	479022	106.105	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	290467	135.676	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	1074053	89.303	ng	0.00
79) Terphenyl-d14	19.863	244	2096951	87.477	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.388	88	19002m	10.119	ng	
3) Pyridine	3.775	79	39010	7.693	ng	95
4) n-Nitrosodimethylamine	3.693	42	25932	8.894	ng	# 92
6) Aniline	7.201	93	56791	9.766	ng	99
8) 2-Chlorophenol	7.436	128	37166	9.224	ng	96
9) Benzaldehyde	7.013	77	36747	12.405	ng	99
10) Phenol	7.060	94	50026	8.758	ng	94
11) bis(2-Chloroethyl)ether	7.295	93	40680	8.844	ng	97
12) 1,3-Dichlorobenzene	7.765	146	40747	8.499	ng	97
13) 1,4-Dichlorobenzene	7.906	146	40892	8.445	ng	95
14) 1,2-Dichlorobenzene	8.223	146	41595	8.963	ng	97
15) Benzyl Alcohol	8.100	79	36305	8.951	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.394	45	89795	9.695	ng	97
17) 2-Methylphenol	8.305	107	31852	8.622	ng	91
18) Hexachloroethane	8.958	117	14639	9.186	ng	95
19) n-Nitroso-di-n-propyla...	8.670	70	34748	9.247	ng	# 98
20) 3+4-Methylphenols	8.629	107	43997	8.939	ng	98
22) Acetophenone	8.687	105	68302	9.060	ng	# 96
24) Nitrobenzene	9.063	77	48090	12.306	ng	91
25) Isophorone	9.580	82	95511	9.759	ng	97
26) 2-Nitrophenol	9.768	139	11689	17.391	ng	91
27) 2,4-Dimethylphenol	9.833	122	19744	7.013	ng	92
28) bis(2-Chloroethoxy)met...	10.068	93	55660	8.938	ng	94
29) 2,4-Dichlorophenol	10.303	162	32614	11.490	ng	94
30) 1,2,4-Trichlorobenzene	10.526	180	41492	8.971	ng	98
31) Naphthalene	10.709	128	128930	8.765	ng	98
32) Benzoic acid	9.904	122	11270m	13.664	ng	
33) 4-Chloroaniline	10.808	127	50518	8.963	ng	97
34) Hexachlorobutadiene	11.002	225	26130	8.872	ng	97
35) Caprolactam	11.549	113	12267	12.895	ng	99
36) 4-Chloro-3-methylphenol	11.931	107	41608	9.234	ng	97
37) 2-Methylnaphthalene	12.318	142	90282	8.807	ng	98
38) 1-Methylnaphthalene	12.536	142	84670	8.348	ng	96
40) 1,2,4,5-Tetrachloroben...	12.689	216	49559	9.120	ng	98
41) Hexachlorocyclopentadiene	12.671	237	10363	7.535	ng	98
43) 2,4,6-Trichlorophenol	12.924	196	25689	12.119	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	28972	11.341	ng	98
46) 1,1'-Biphenyl	13.329	154	126831	9.040	ng	98
47) 2-Chloronaphthalene	13.370	162	93892	9.182	ng	99
48) 2-Nitroaniline	13.564	65	23176	13.437	ng	92
49) Acenaphthylene	14.216	152	149292	9.399	ng	98
50) Dimethylphthalate	13.952	163	113796	9.314	ng	100
51) 2,6-Dinitrotoluene	14.063	165	18033	12.435	ng	95
52) Acenaphthene	14.557	154	94426	8.863	ng	99
53) 3-Nitroaniline	14.387	138	21354	12.342	ng	# 99
54) 2,4-Dinitrophenol	14.586	184	3902	12.941	ng	90
55) Dibenzofuran	14.892	168	149222	8.626	ng	99
56) 4-Nitrophenol	14.686	139	16344	14.622	ng	94
57) 2,4-Dinitrotoluene	14.851	165	24665	13.325	ng	97
58) Fluorene	15.544	166	120224	8.991	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.115	232	26645	12.059	ng	# 94
60) Diethylphthalate	15.321	149	122015	9.419	ng	99
61) 4-Chlorophenyl-phenyle...	15.538	204	60674	9.044	ng	98
62) 4-Nitroaniline	15.544	138	24628	11.757	ng	99
63) Azobenzene	15.832	77	129738	8.480	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	8496	14.766	ng	86
66) n-Nitrosodiphenylamine	15.750	169	102234	8.607	ng	97
67) 4-Bromophenyl-phenylether	16.431	248	38198	8.958	ng	96
68) Hexachlorobenzene	16.543	284	44623	8.901	ng	96
69) Atrazine	16.696	200	39668	10.036	ng	98
70) Pentachlorophenol	16.884	266	20717	14.328	ng	93
71) Phenanthrene	17.277	178	203636	9.050	ng	99
72) Anthracene	17.365	178	195581	8.687	ng	99
73) Carbazole	17.630	167	191906	9.105	ng	97
74) Di-n-butylphthalate	18.212	149	223854	10.189	ng	99
75) Fluoranthene	19.287	202	256531	9.363	ng	97
77) Benzidine	19.469	184	85283	8.000	ng	96
78) Pyrene	19.645	202	281877	9.120	ng	98
80) Butylbenzylphthalate	20.556	149	90535	12.974	ng	94
81) Benzo(a)anthracene	21.449	228	299921	9.436	ng	99
82) 3,3'-Dichlorobenzidine	21.373	252	96036	9.702	ng	95
83) Chrysene	21.514	228	289553	9.154	ng	100
84) Bis(2-ethylhexyl)phtha...	21.396	149	152340	12.451	ng	98
85) Di-n-octyl phthalate	22.548	149	244179	14.316	ng	100
87) Indeno(1,2,3-cd)pyrene	27.888	276	310069	9.314	ng	# 97
88) Benzo(b)fluoranthene	23.535	252	279748	9.206	ng	99
89) Benzo(k)fluoranthene	23.599	252	278944	8.940	ng	98
90) Benzo(a)pyrene	24.346	252	254340	9.377	ng	98
91) Dibenzo(a,h)anthracene	27.965	278	257073	9.145	ng	98
92) Benzo(g,h,i)perylene	28.952	276	247693	8.728	ng	99

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

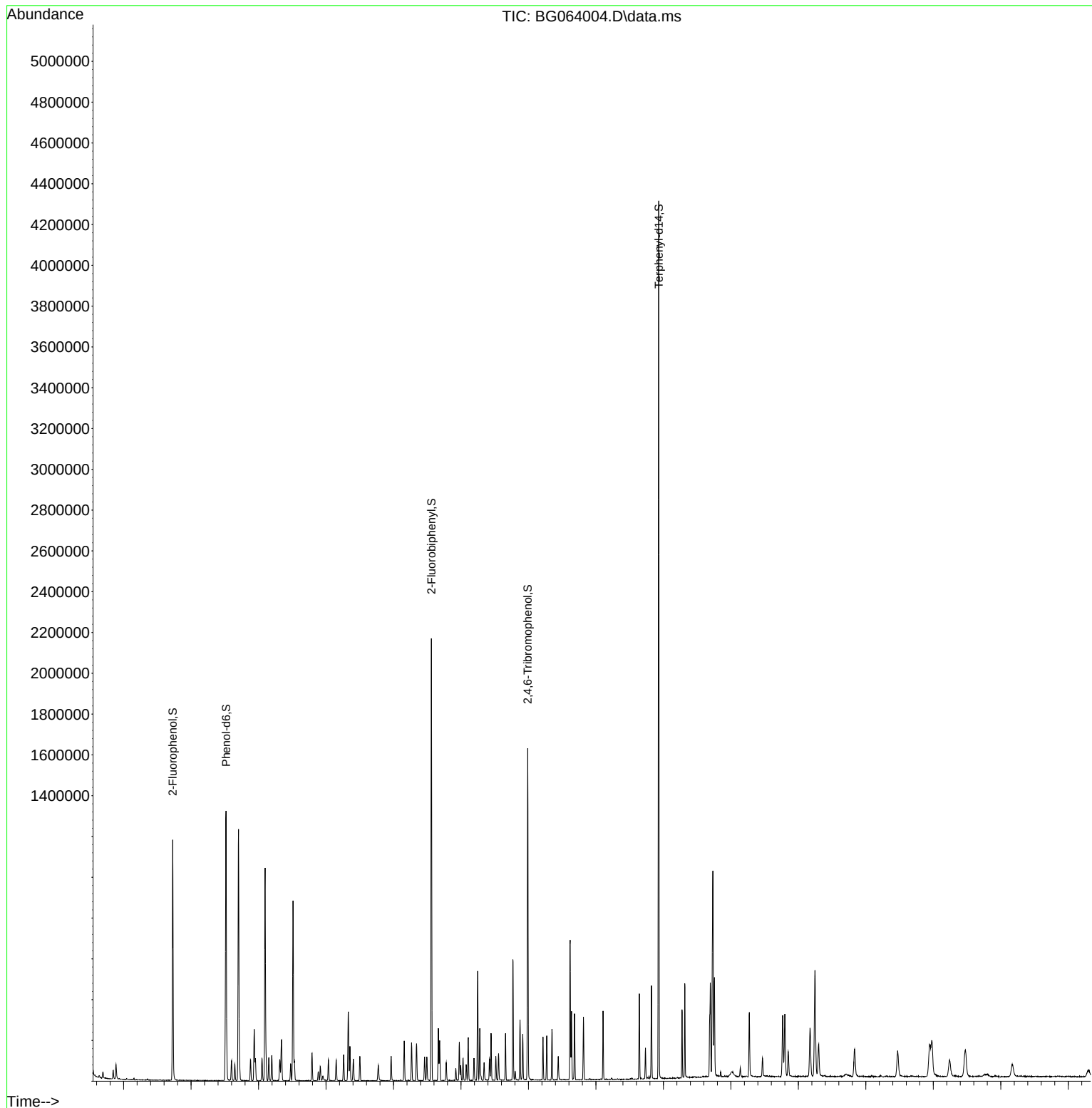
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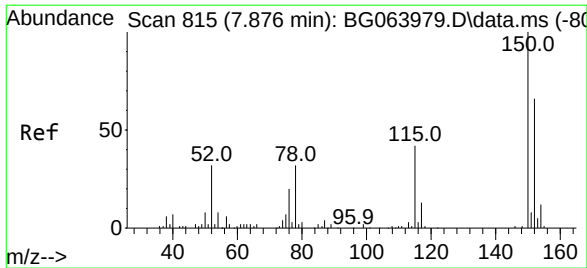
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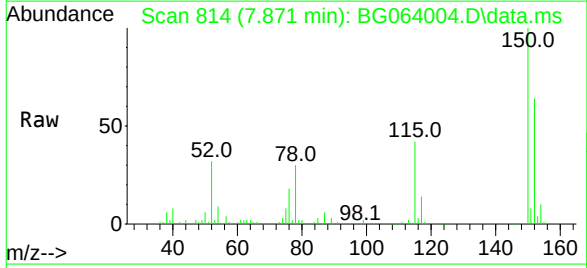
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

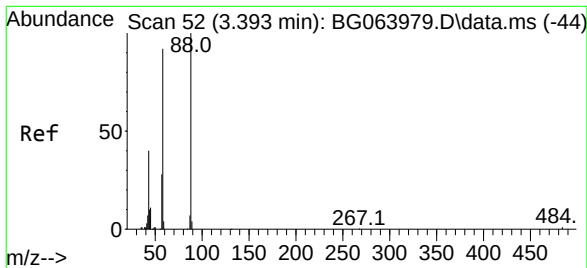
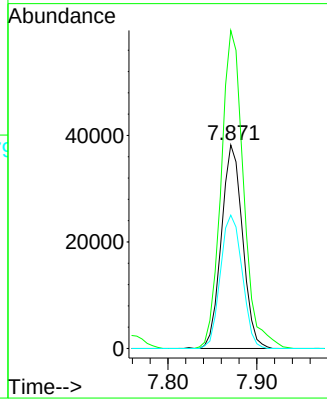
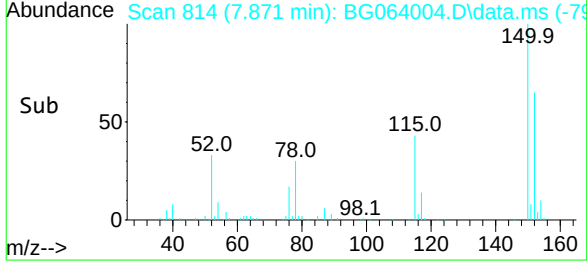
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



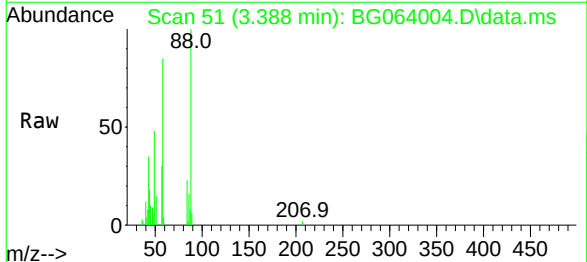
Tgt Ion: 152 Resp: 63398
Ion Ratio Lower Upper
152 100
150 156.2 121.0 181.6
115 65.5 50.4 75.6

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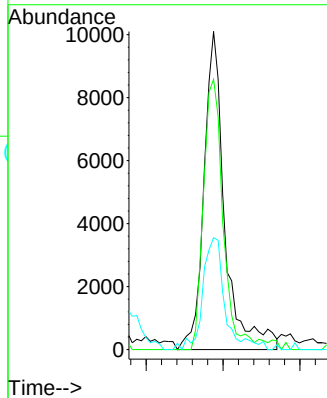
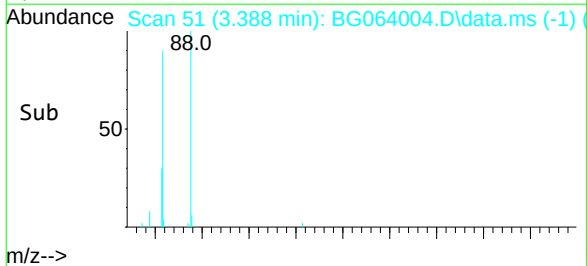
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

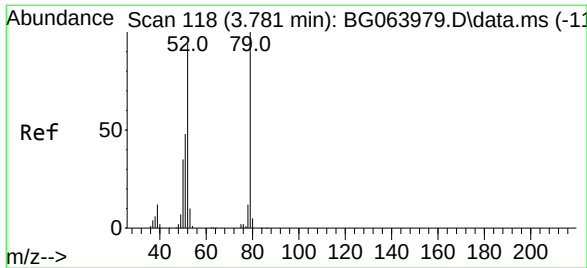


#2
1,4-Dioxane
Concen: 10.119 ng m
RT: 3.388 min Scan# 51
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



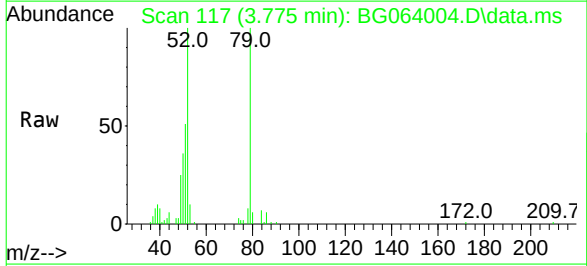
Tgt Ion: 88 Resp: 19002
Ion Ratio Lower Upper
88 100
58 82.4 71.8 107.8
43 34.8 31.2 46.8





#3
Pyridine
Concen: 7.693 ng
RT: 3.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

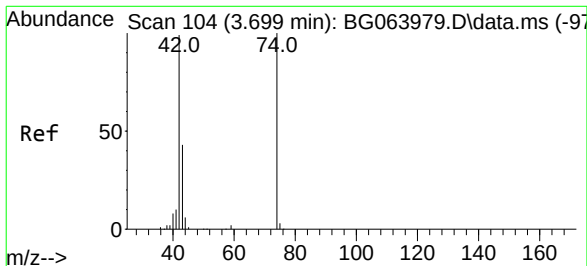
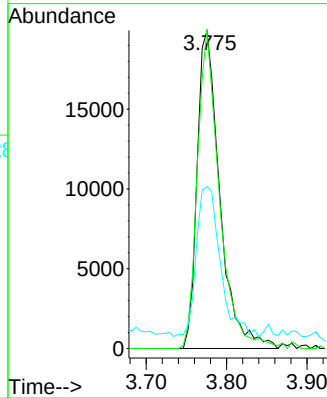
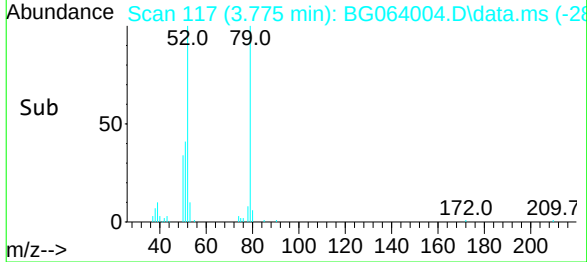
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



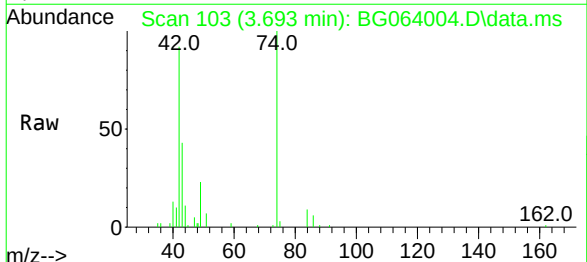
Tgt Ion: 79 Resp: 39010
Ion Ratio Lower Upper
79 100
52 100.1 75.1 112.7
51 51.0 38.9 58.3

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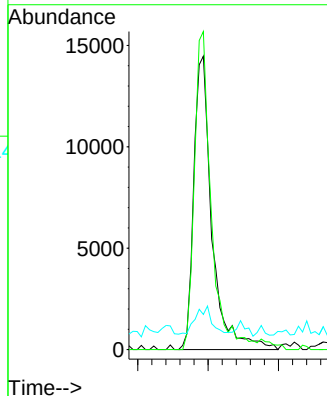
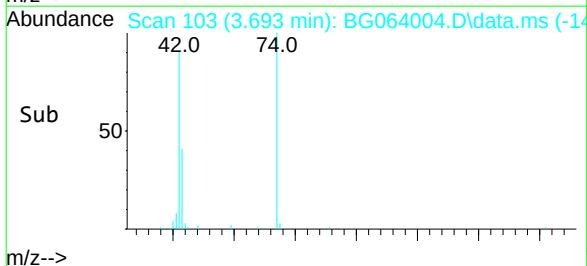
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

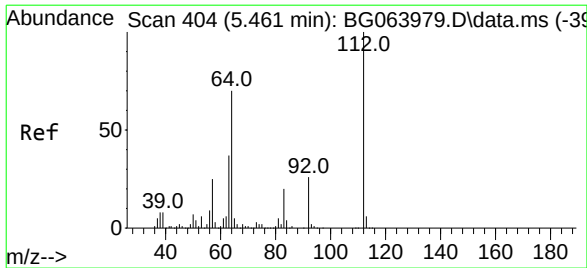


#4
n-Nitrosodimethylamine
Concen: 8.894 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



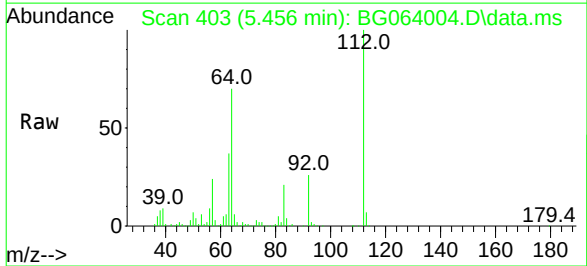
Tgt Ion: 42 Resp: 25932
Ion Ratio Lower Upper
42 100
74 108.4 80.8 121.2
44 12.0 5.8 8.6#





#5
2-Fluorophenol
Concen: 124.659 ng
RT: 5.456 min Scan# 404
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

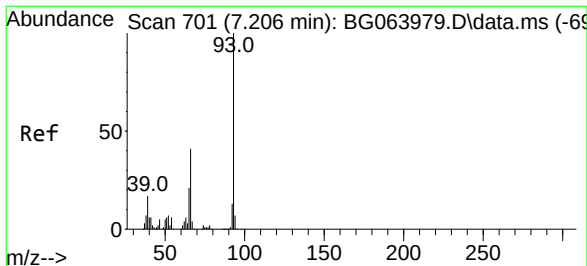
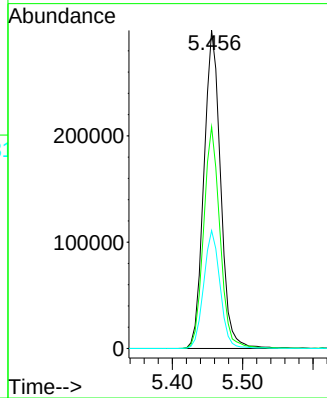
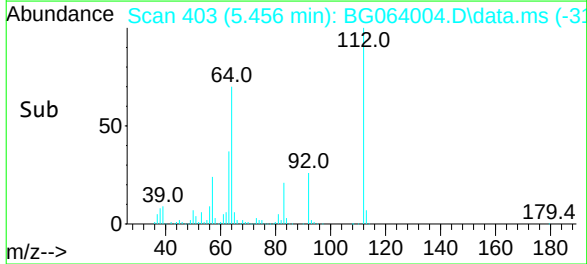
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:112 Resp: 492924
Ion Ratio Lower Upper
112 100
64 69.7 55.8 83.8
63 37.1 29.3 43.9

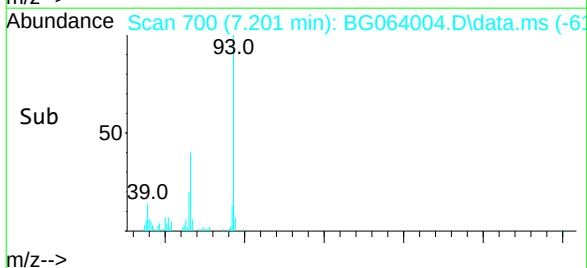
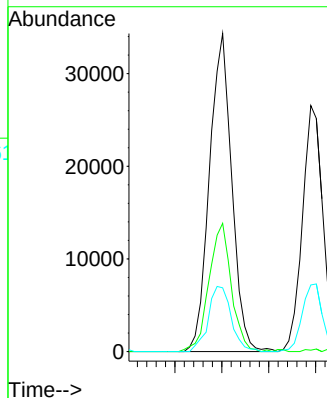
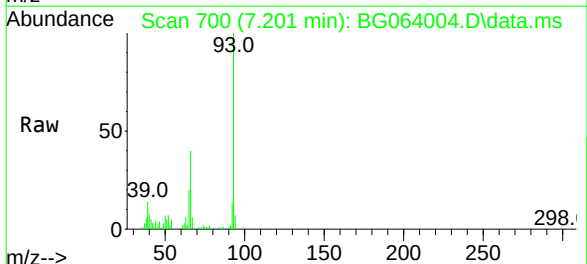
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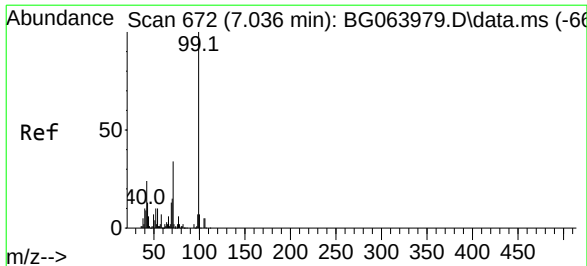
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 9.766 ng
RT: 7.201 min Scan# 700
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

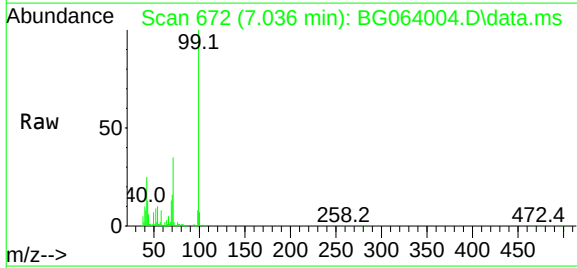
Tgt Ion: 93 Resp: 56791
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 20.0 16.6 25.0





#7
Phenol-d6
Concen: 130.358 ng
RT: 7.036 min Scan# 671
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

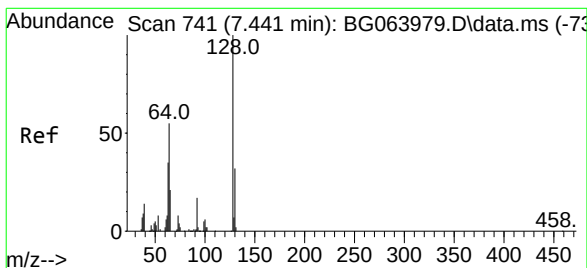
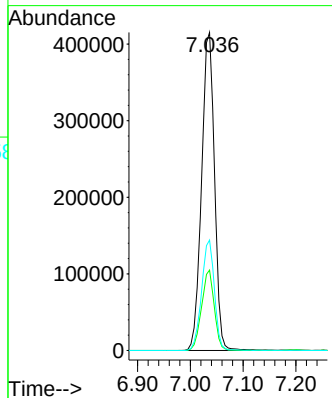
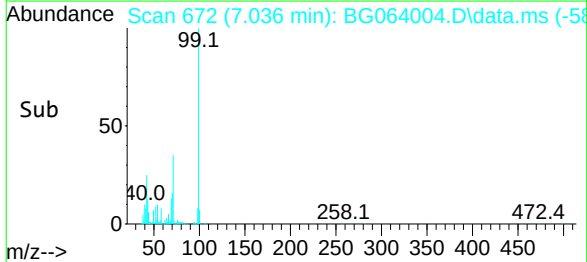
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Tgt Ion: 99 Resp: 707375
Ion Ratio Lower Upper
99 100
42 25.3 18.9 28.3
71 34.7 27.0 40.6

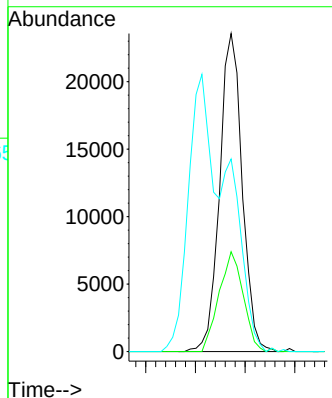
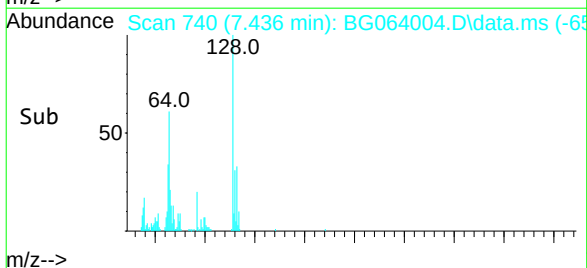
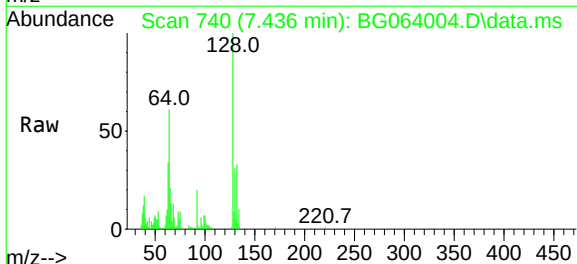
Manual Integrations
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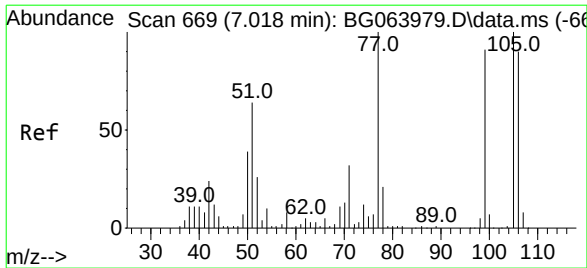
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 9.224 ng
RT: 7.436 min Scan# 740
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

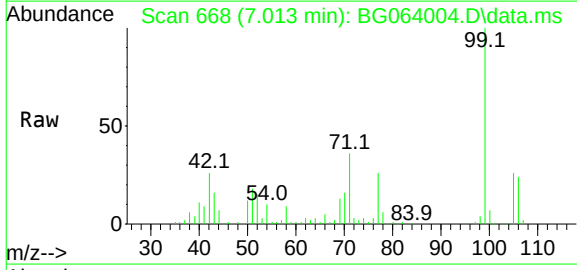
Tgt Ion:128 Resp: 37166
Ion Ratio Lower Upper
128 100
130 31.4 11.9 51.9
64 60.5 36.8 76.8





#9
Benzaldehyde
Concen: 12.405 ng
RT: 7.013 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

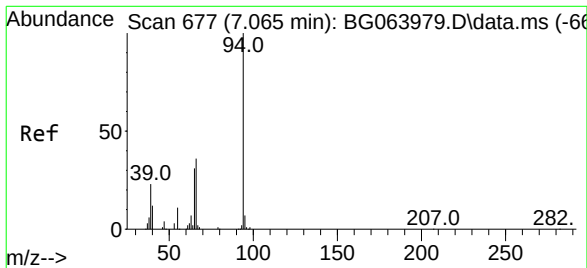
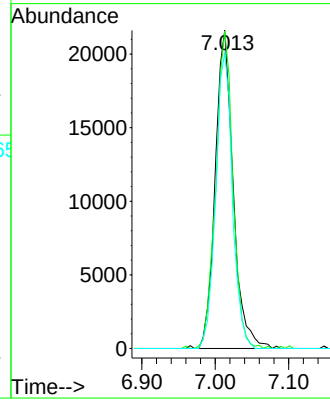
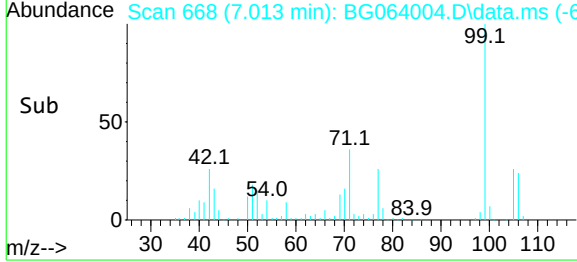
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Tgt Ion: 77 Resp: 36747
Ion Ratio Lower Upper
77 100
105 99.7 79.8 119.8
106 92.8 69.9 109.9

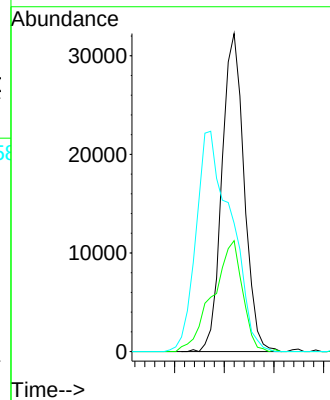
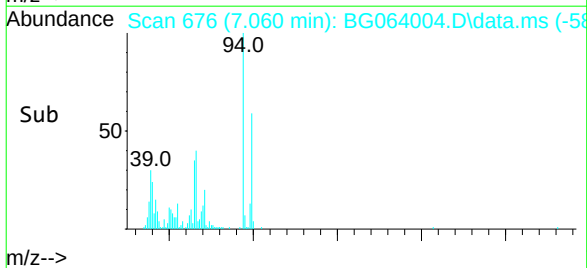
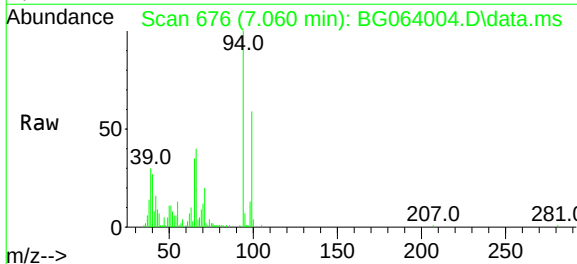
Manual Integrations
APPROVED

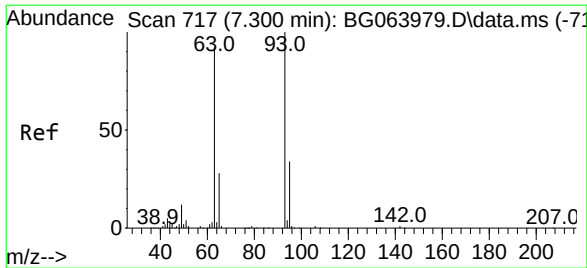
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 8.758 ng
RT: 7.060 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

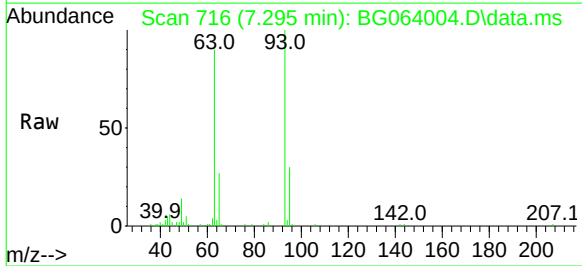
Tgt Ion: 94 Resp: 50026
Ion Ratio Lower Upper
94 100
65 34.9 11.4 51.4
66 40.4 16.7 56.7





#11
bis(2-Chloroethyl)ether
Concen: 8.844 ng
RT: 7.295 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

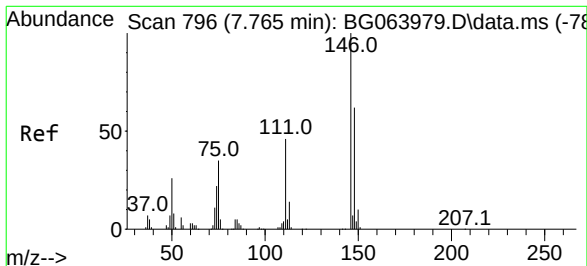
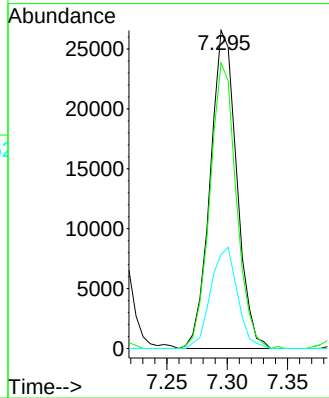
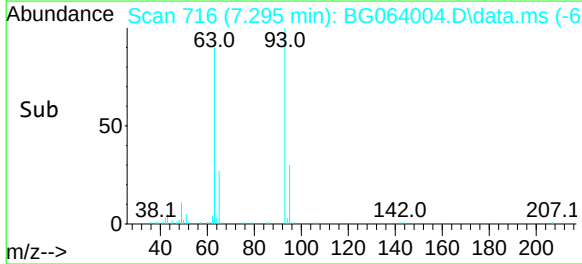
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 93 Resp: 40680
Ion Ratio Lower Upper
93 100
63 89.8 71.2 111.2
95 29.5 13.9 53.9

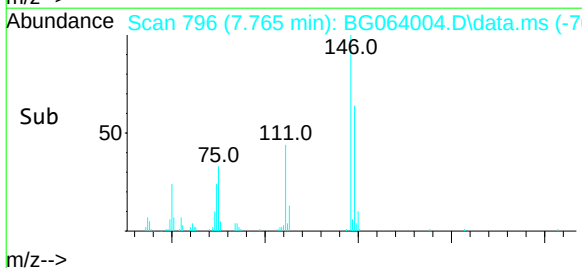
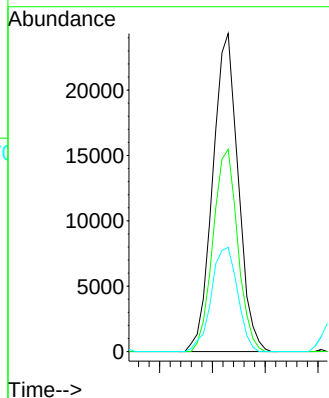
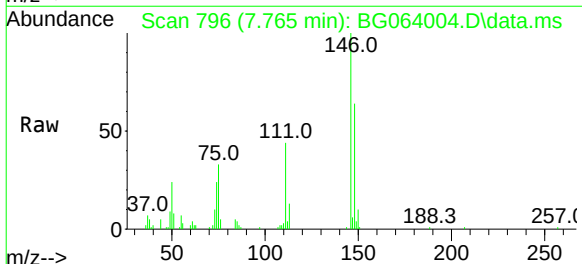
Manual Integrations
APPROVED

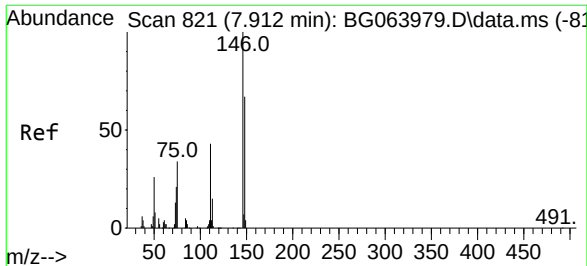
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 8.499 ng
RT: 7.765 min Scan# 796
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

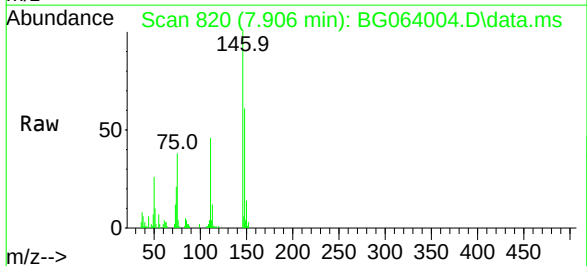
Tgt Ion:146 Resp: 40747
Ion Ratio Lower Upper
146 100
148 63.5 49.6 74.4
75 32.8 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 8.445 ng
RT: 7.906 min Scan# 821
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

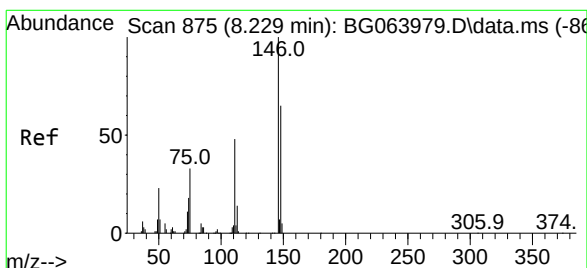
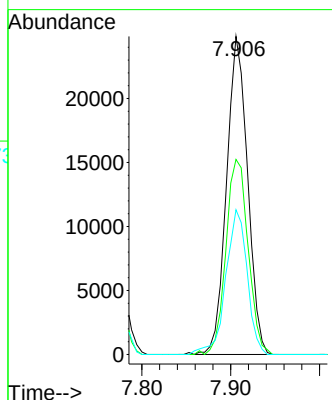
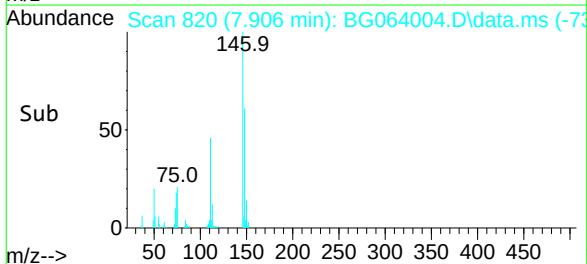


Tgt Ion:146 Resp: 40892

Ion	Ratio	Lower	Upper
146	100		
148	61.3	53.3	79.9
111	45.5	34.8	52.2

Manual Integrations
APPROVED

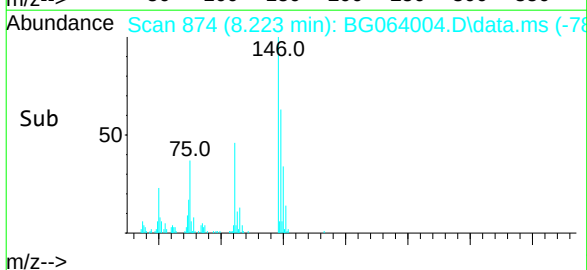
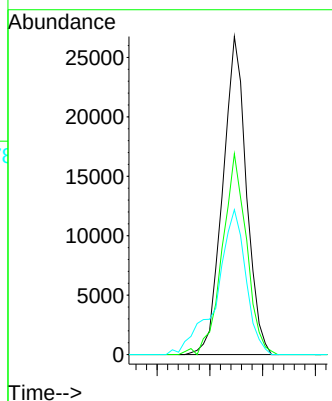
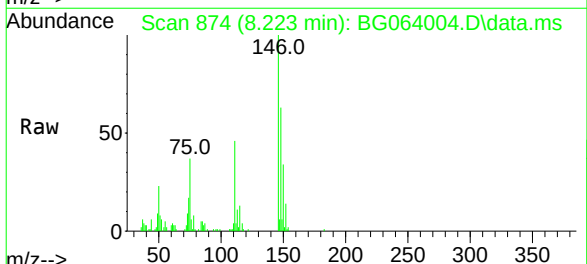
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

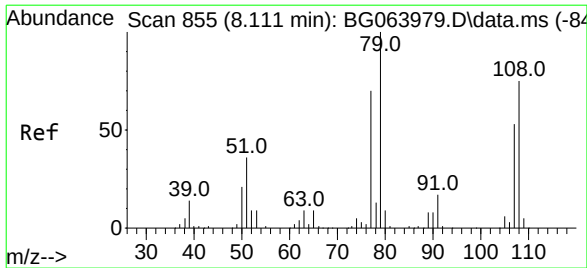


#14
1,2-Dichlorobenzene
Concen: 8.963 ng
RT: 8.223 min Scan# 874
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:146 Resp: 41595

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.0	78.0
111	45.6	38.2	57.2





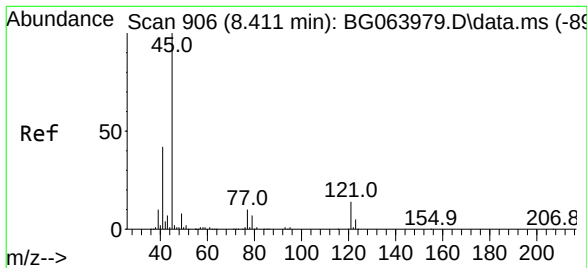
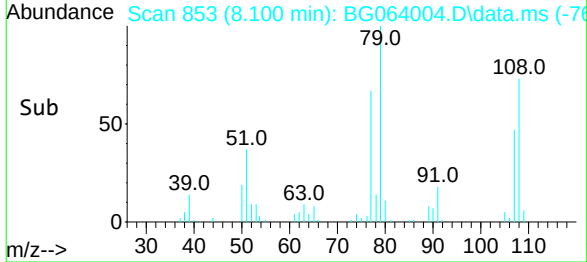
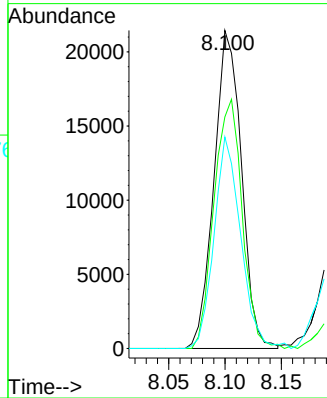
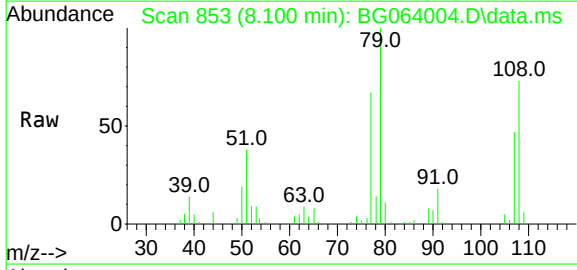
#15
Benzyl Alcohol
Concen: 8.951 ng
RT: 8.100 min Scan# 855
Delta R.T. -0.011 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion: 79 Resp: 36305
Ion Ratio Lower Upper
79 100
108 72.8 60.3 90.5
77 66.5 55.8 83.8

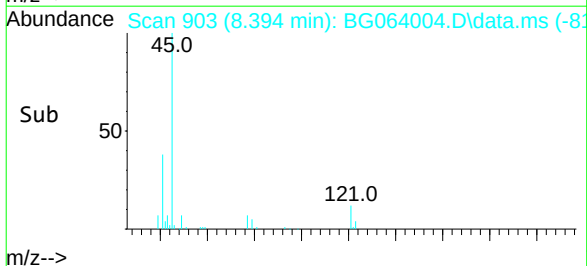
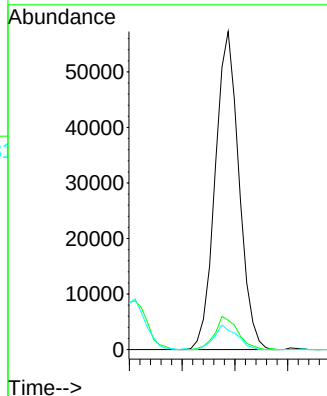
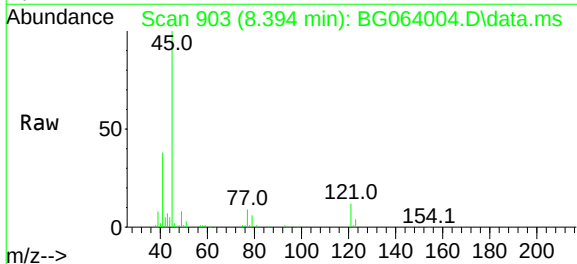
Manual Integrations
APPROVED

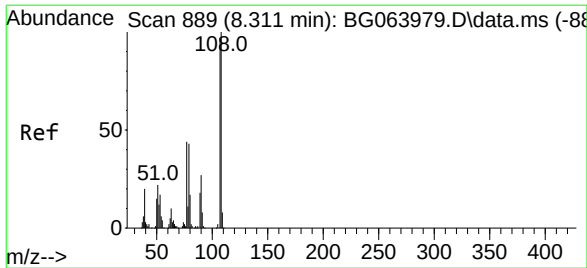
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.695 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.017 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

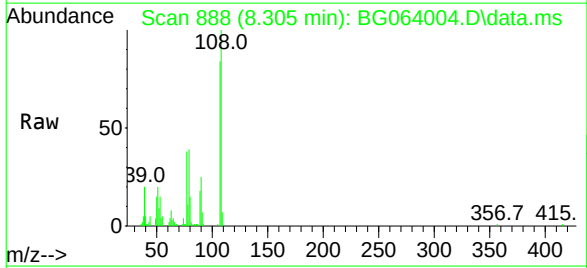
Tgt Ion: 45 Resp: 89795
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.8
79 6.0 0.0 27.7





#17
2-Methylphenol
Concen: 8.622 ng
RT: 8.305 min Scan# 889
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

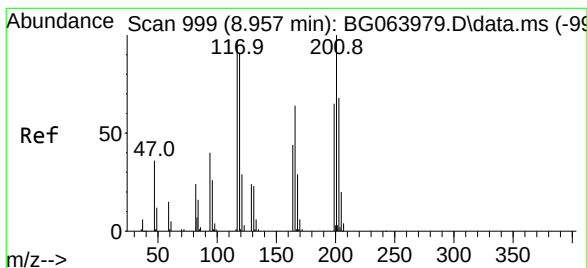
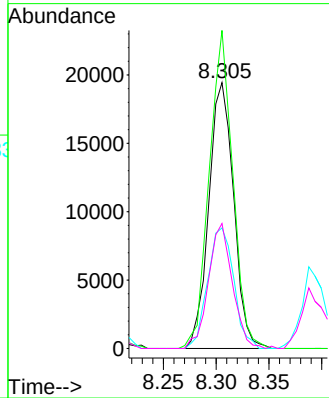
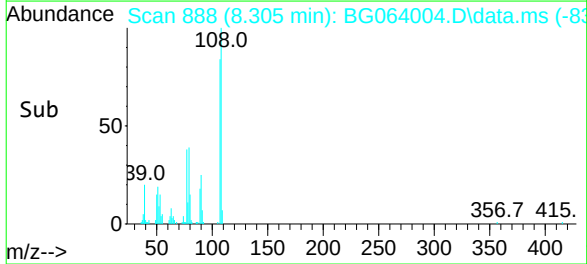
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:	107	Resp:	31852
Ion	Ratio	Lower	Upper
107	100		
108	119.6	82.9	124.3
77	45.4	36.4	54.6
79	47.0	35.4	53.0

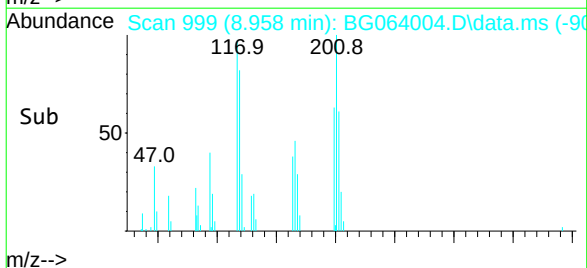
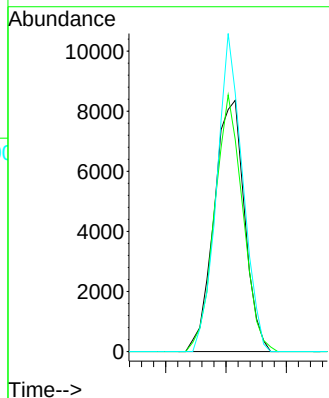
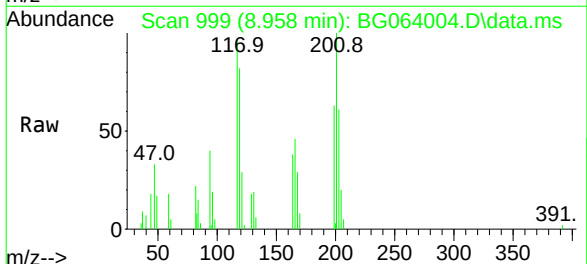
Manual Integrations
APPROVED

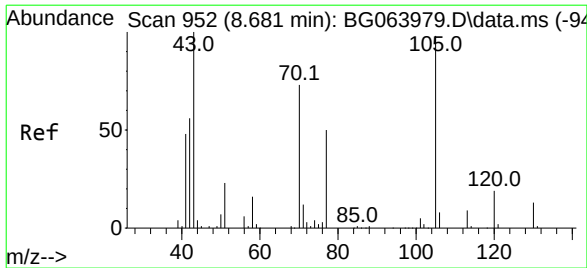
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 9.186 ng
RT: 8.958 min Scan# 999
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:	117	Resp:	14639
Ion	Ratio	Lower	Upper
117	100		
119	84.4	75.4	113.0
201	102.9	82.4	123.6





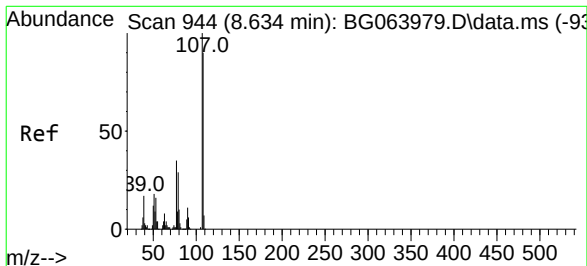
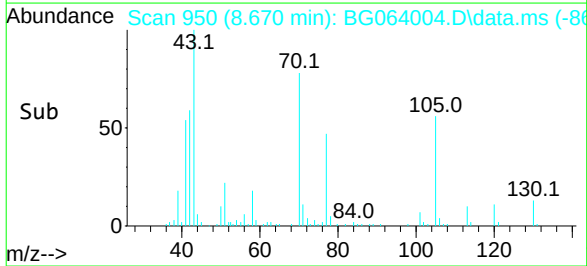
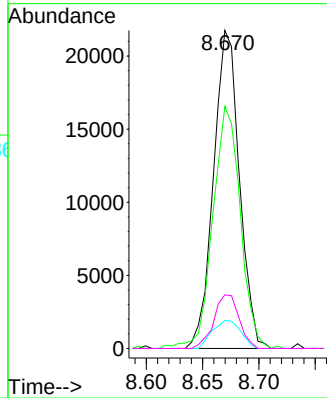
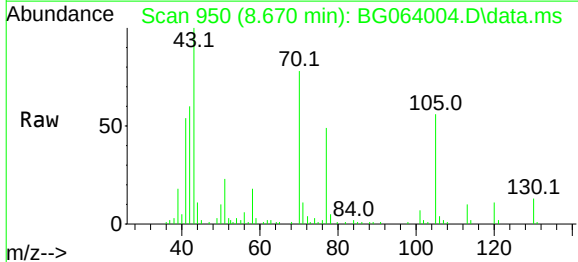
#19
n-Nitroso-di-n-propylamine
Concen: 9.247 ng
RT: 8.670 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion: 70 Resp: 34748
Ion Ratio Lower Upper
70 100
42 76.1 62.2 93.4
101 8.8 5.6 8.4#
130 16.9 13.8 20.6

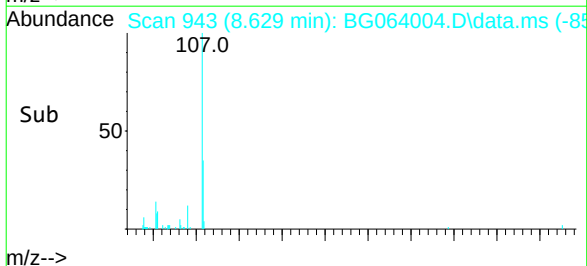
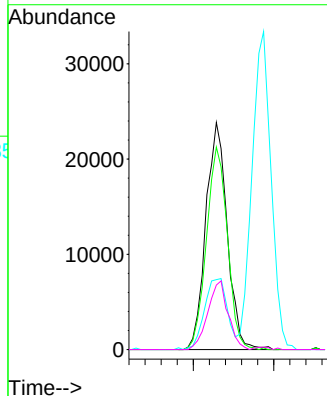
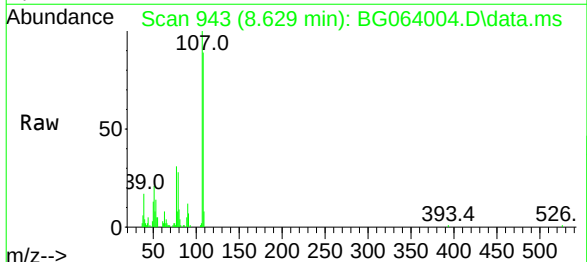
Manual Integrations
APPROVED

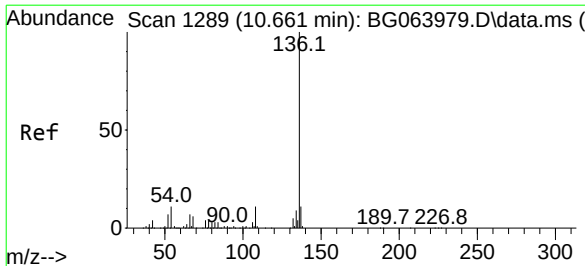
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#20
3+4-Methylphenols
Concen: 8.939 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

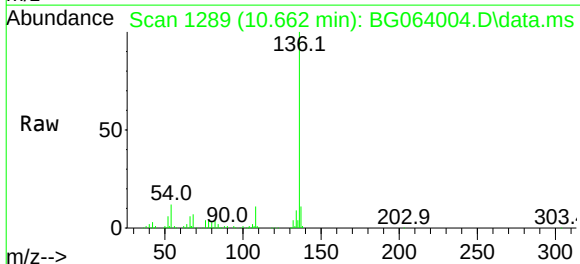
Tgt Ion:107 Resp: 43997
Ion Ratio Lower Upper
107 100
108 89.2 70.0 110.0
77 30.8 15.2 55.2
79 28.4 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

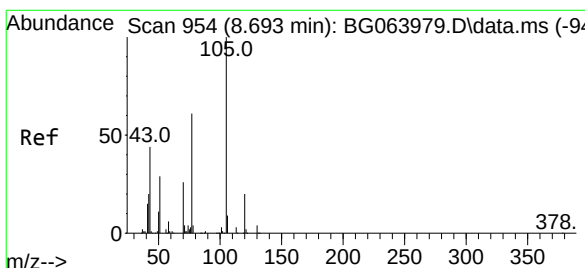
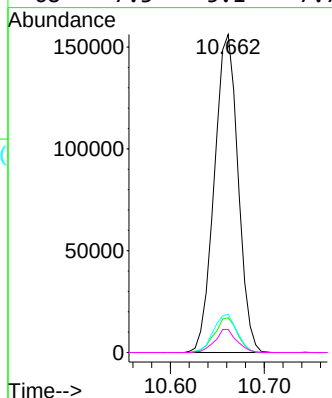
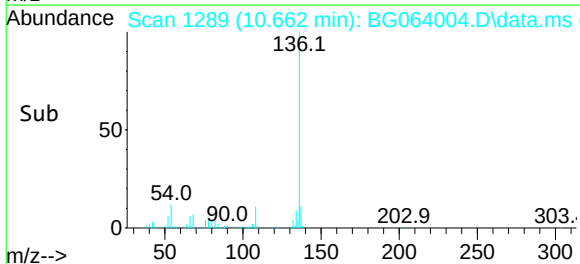
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:136 Resp: 274376
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 12.0 9.2 13.8
68 7.3 5.1 7.7

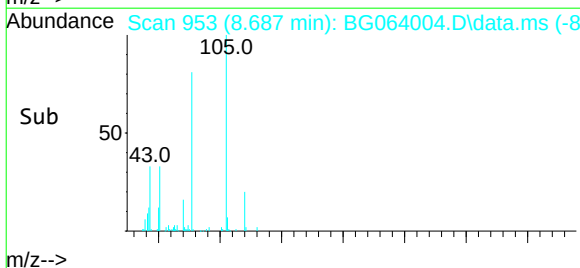
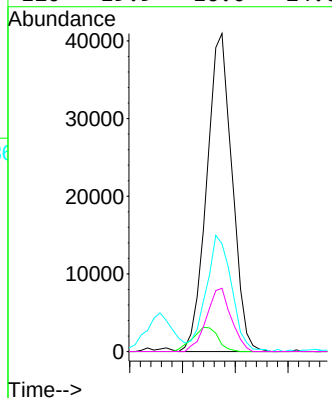
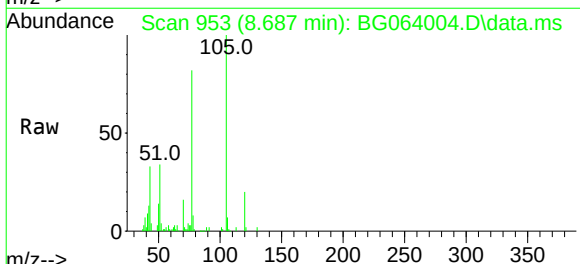
Manual Integrations
APPROVED

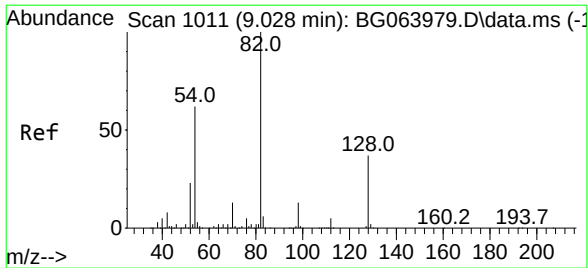
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 9.060 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

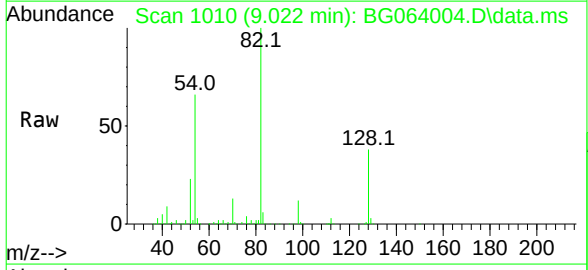
Tgt Ion:105 Resp: 68302
Ion Ratio Lower Upper
105 100
71 2.1 3.1 4.7#
51 33.9 29.9 44.9
120 19.9 16.0 24.0





#23
Nitrobenzene-d5
Concen: 106.105 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

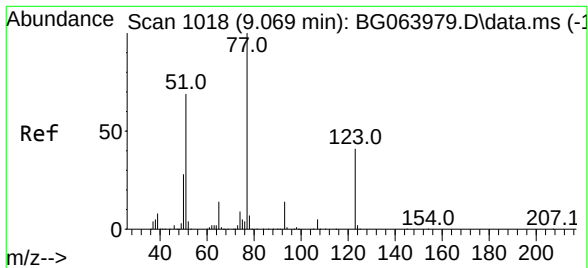
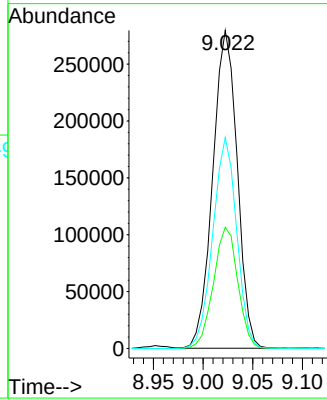
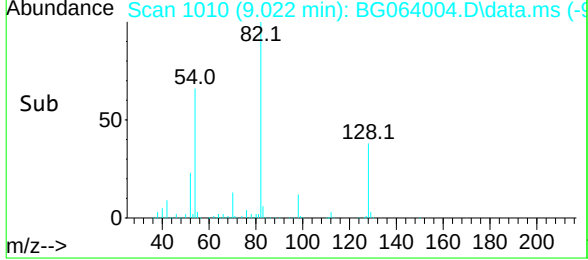
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 82 Resp: 479022
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 66.4 49.9 74.9

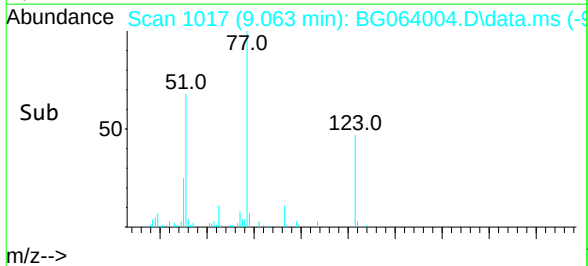
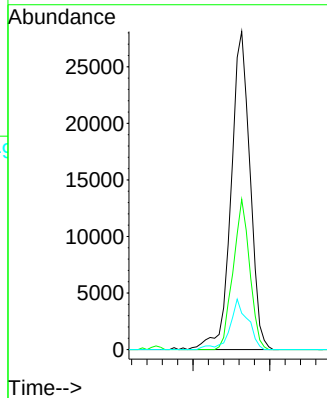
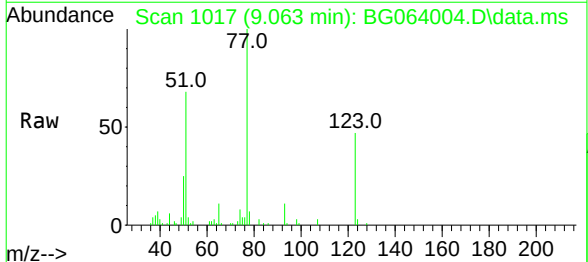
Manual Integrations
APPROVED

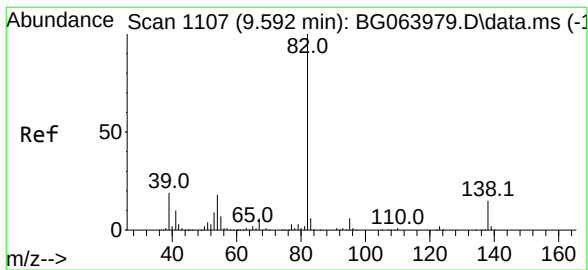
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#24
Nitrobenzene
Concen: 12.306 ng
RT: 9.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

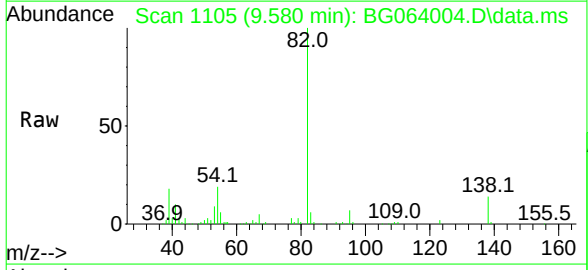
Tgt Ion: 77 Resp: 48090
Ion Ratio Lower Upper
77 100
123 47.2 32.9 49.3
65 11.4 11.0 16.6





#25
Isophorone
Concen: 9.759 ng
RT: 9.580 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

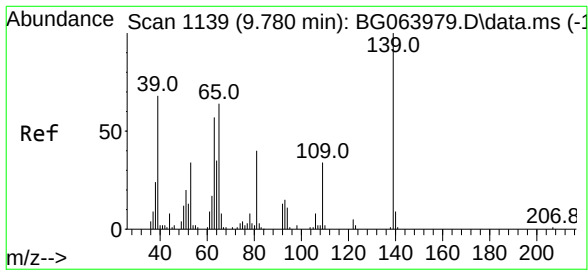
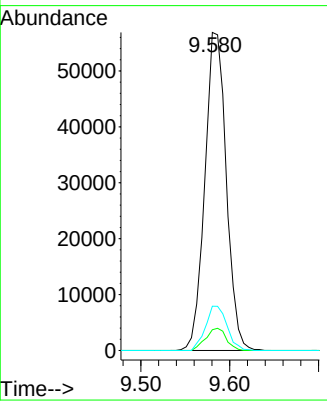
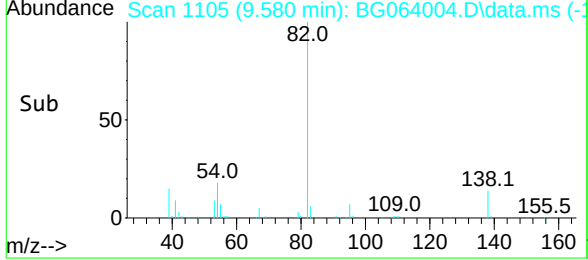


Tgt Ion: 82 Resp: 95511

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.0	7.4
138	13.9	12.2	18.4

Manual Integrations
APPROVED

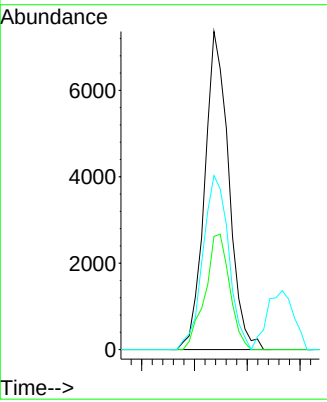
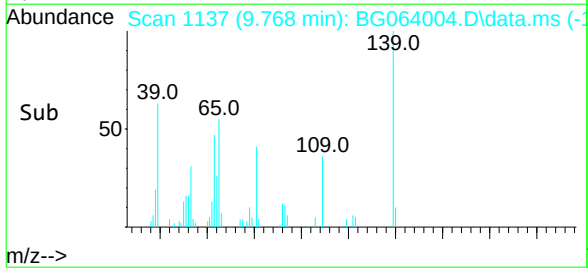
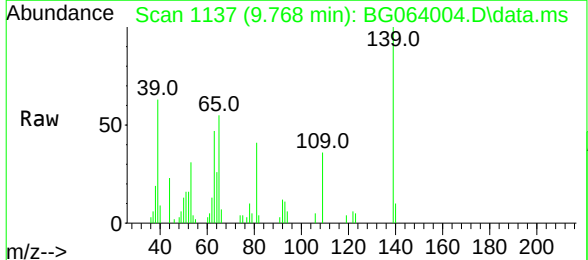
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

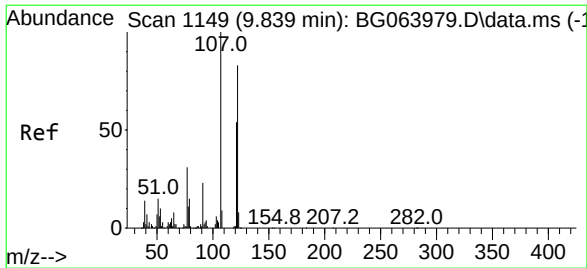


#26
2-Nitrophenol
Concen: 17.391 ng
RT: 9.768 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:139 Resp: 11689

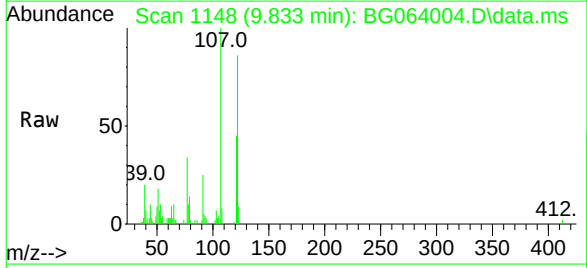
Ion	Ratio	Lower	Upper
139	100		
109	35.6	27.1	40.7
65	54.7	51.0	76.6





#27
2,4-Dimethylphenol
Concen: 7.013 ng
RT: 9.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

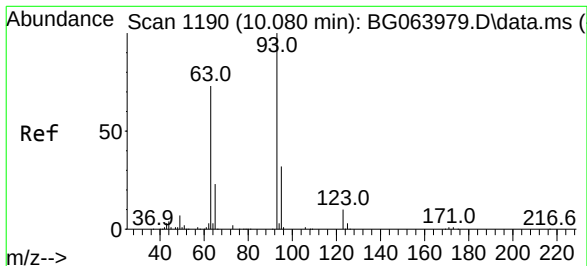
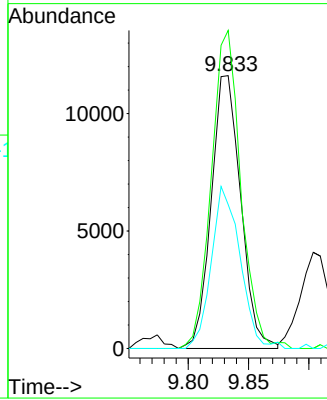
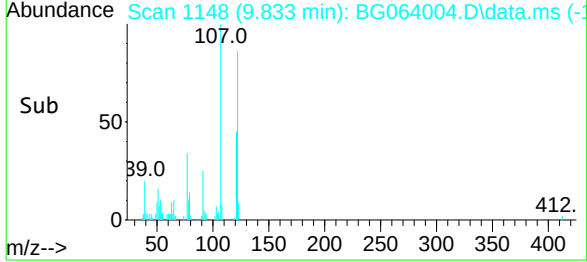
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 122 Resp: 19744
Ion Ratio Lower Upper
122 100
107 116.6 96.4 144.6
121 52.8 51.8 77.6

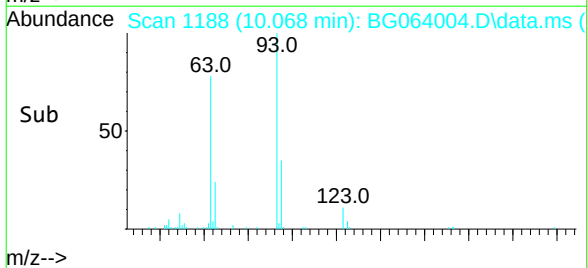
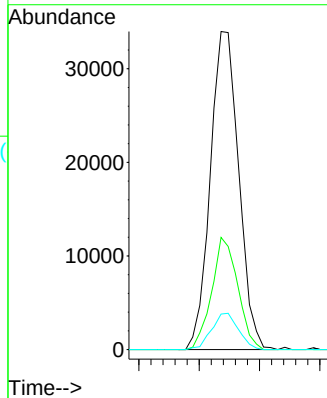
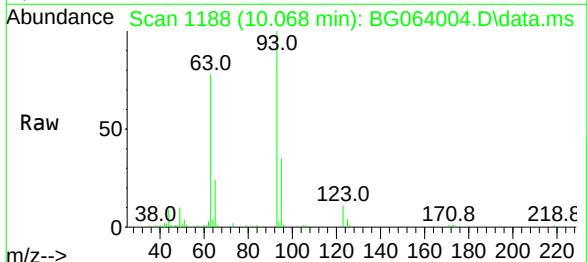
Manual Integrations
APPROVED

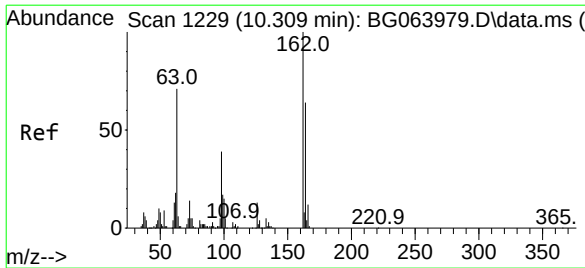
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 8.938 ng
RT: 10.068 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

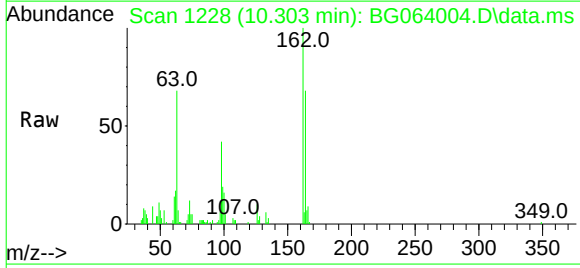
Tgt Ion: 93 Resp: 55660
Ion Ratio Lower Upper
93 100
95 35.3 25.4 38.2
123 11.2 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 11.490 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

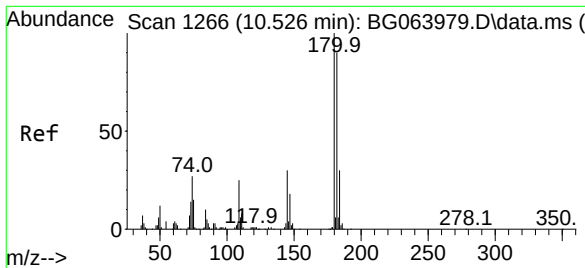
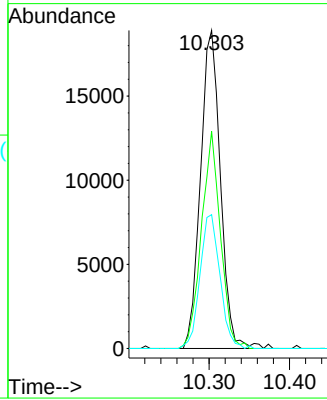
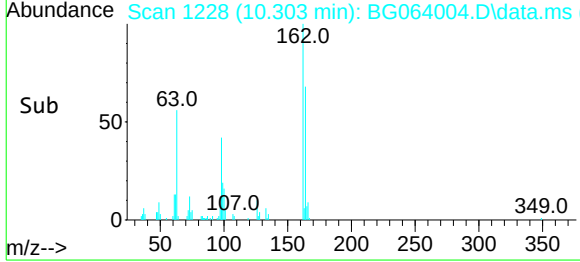
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:162 Resp: 32614
Ion Ratio Lower Upper
162 100
164 68.3 43.6 83.6
98 42.1 18.6 58.6

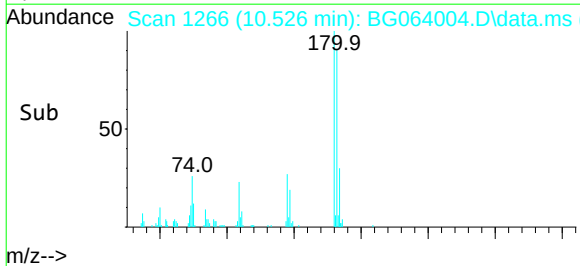
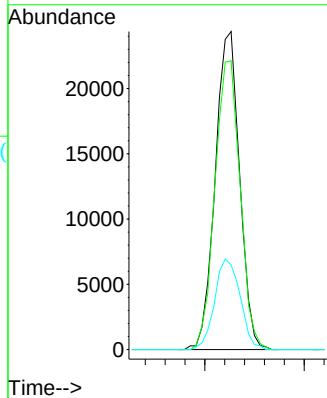
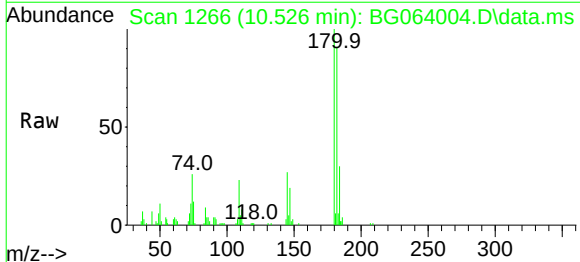
Manual Integrations
APPROVED

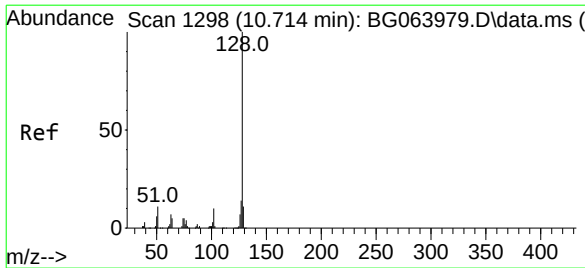
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 8.971 ng
RT: 10.526 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

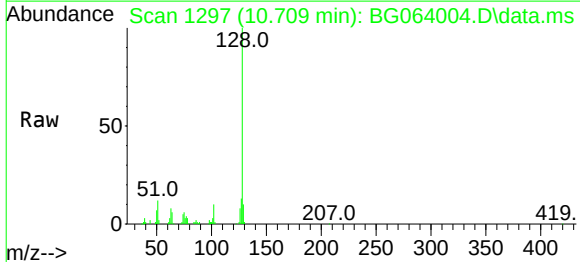
Tgt Ion:180 Resp: 41492
Ion Ratio Lower Upper
180 100
182 90.8 72.3 108.5
145 26.6 23.8 35.8





#31
Naphthalene
Concen: 8.765 ng
RT: 10.709 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

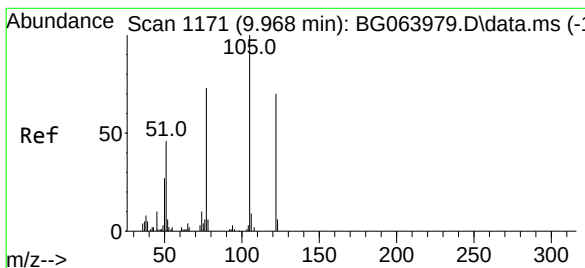
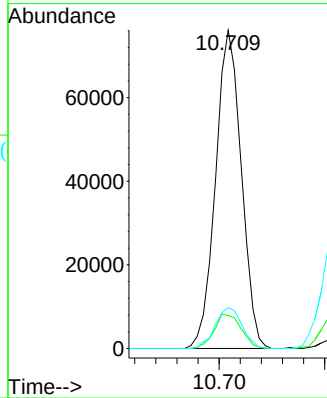
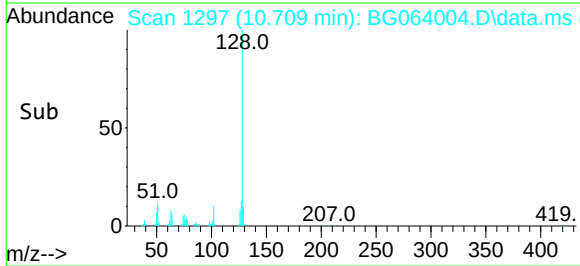
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 128936
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.8 10.8 16.2

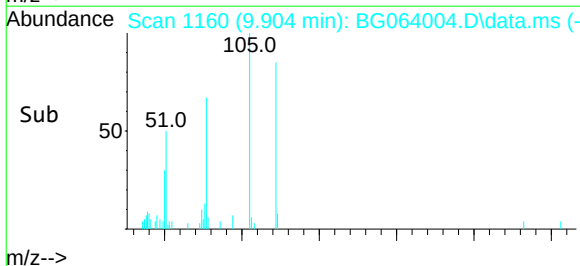
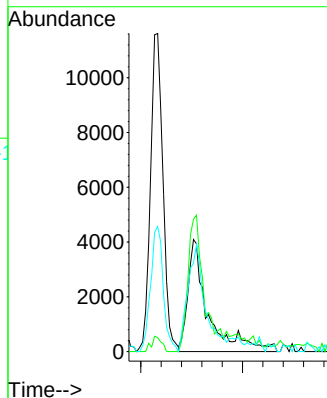
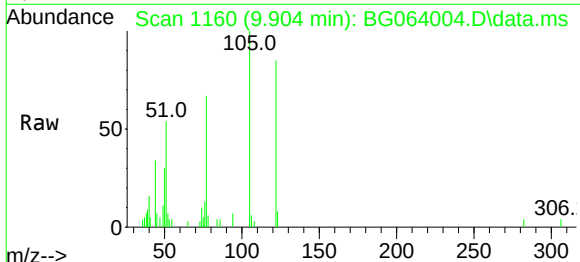
Manual Integrations
APPROVED

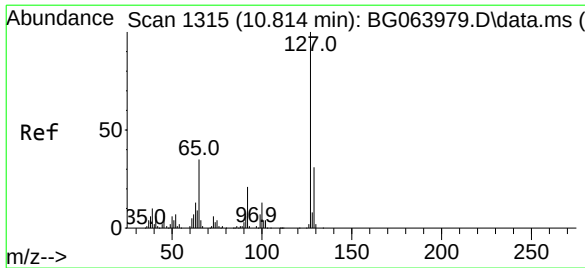
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 13.664 ng m
RT: 9.904 min Scan# 1160
Delta R.T. -0.064 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:122 Resp: 11270
Ion Ratio Lower Upper
122 100
105 118.2 117.9 157.9
77 78.9 83.9 123.9#





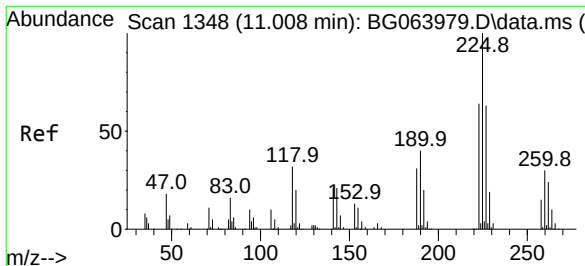
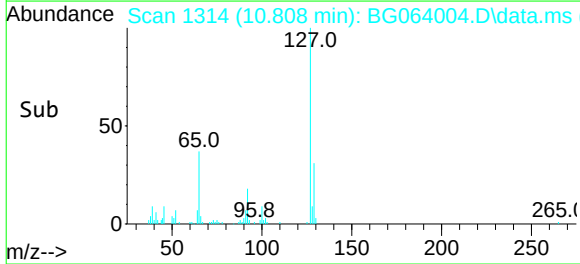
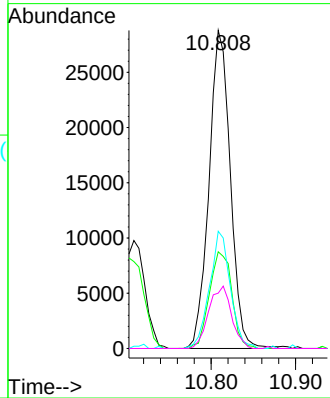
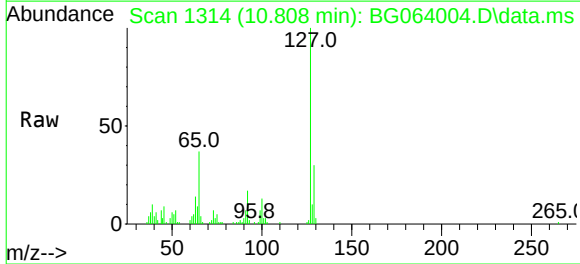
#33
4-Chloroaniline
Concen: 8.963 ng
RT: 10.808 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:	127	Resp:	50518
Ion Ratio	Lower	Upper	
127	100		
129	30.4	24.9	37.3
65	36.9	28.2	42.4
92	17.4	16.9	25.3

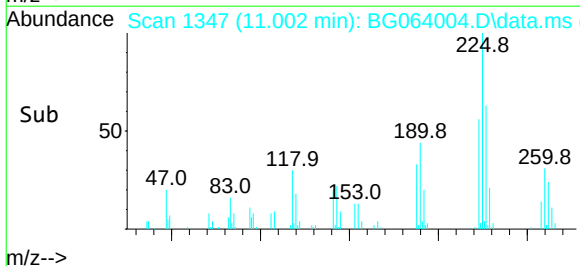
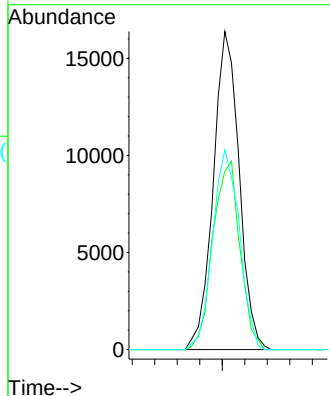
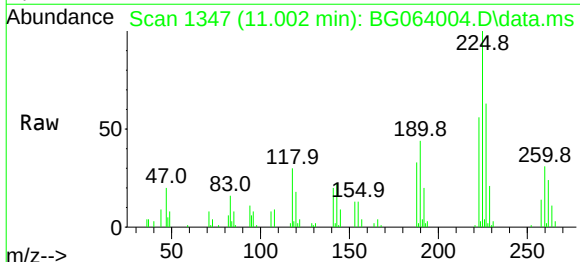
Manual Integrations
APPROVED

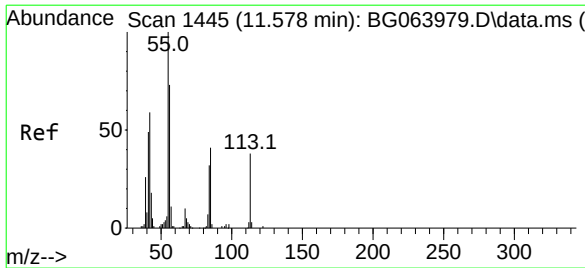
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 8.872 ng
RT: 11.002 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

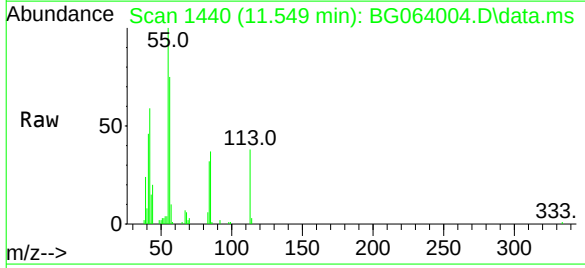
Tgt Ion:	225	Resp:	26130
Ion Ratio	Lower	Upper	
225	100		
223	59.0	51.0	76.6
227	62.8	50.3	75.5





#35
Caprolactam
Concen: 12.895 ng
RT: 11.549 min Scan# 14
Delta R.T. -0.029 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

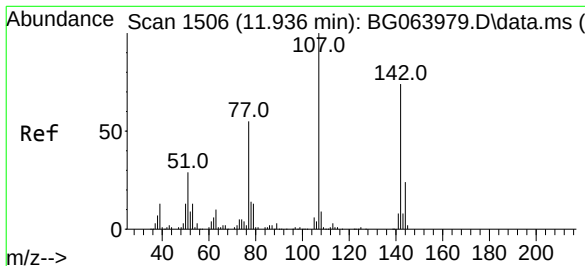
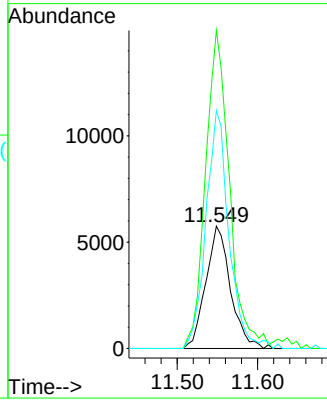
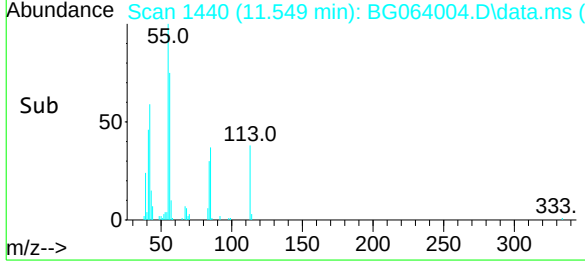
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:113 Resp: 12267
Ion Ratio Lower Upper
113 100
55 260.1 241.8 281.8
56 194.6 171.5 211.5

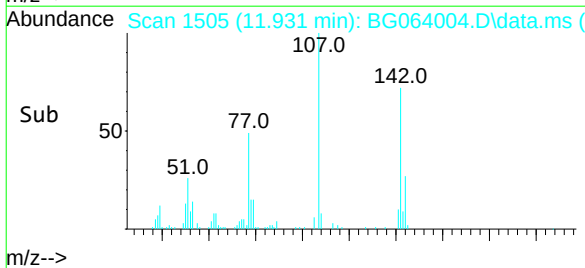
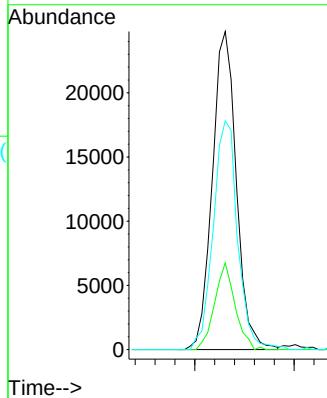
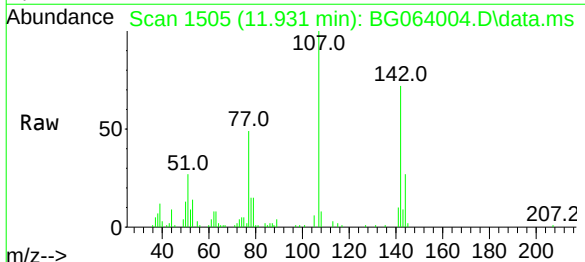
Manual Integrations
APPROVED

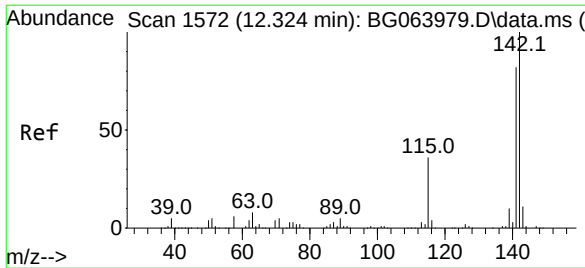
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 9.234 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:107 Resp: 41608
Ion Ratio Lower Upper
107 100
144 27.2 19.2 28.8
142 71.9 58.9 88.3





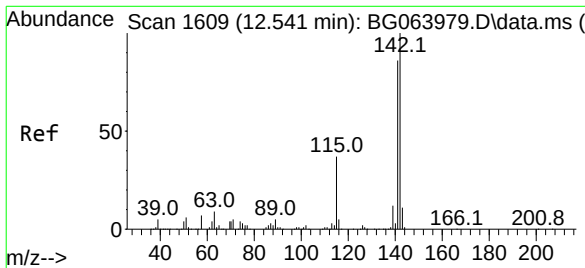
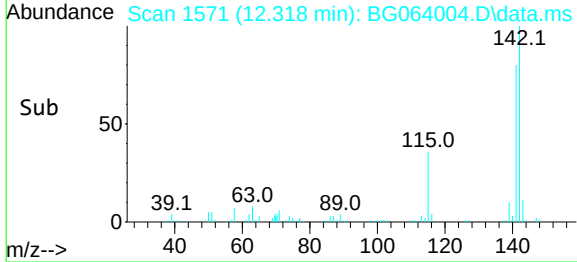
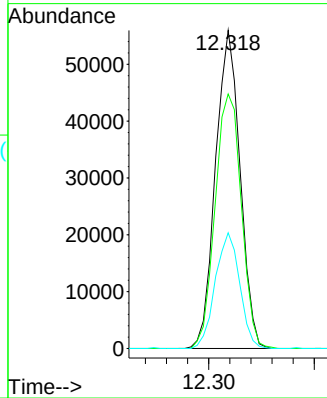
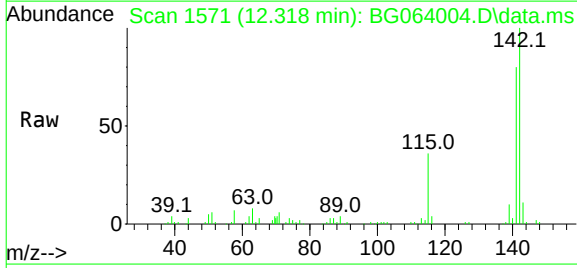
#37
2-Methylnaphthalene
Concen: 8.807 ng
RT: 12.318 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:142 Resp: 90282
Ion Ratio Lower Upper
142 100
141 80.0 65.8 98.8
115 36.4 28.9 43.3

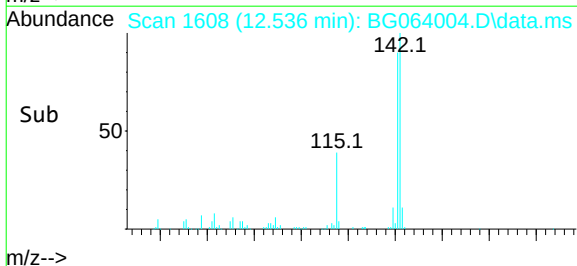
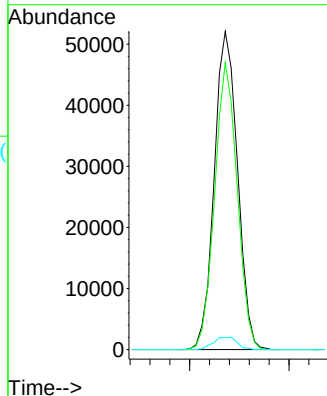
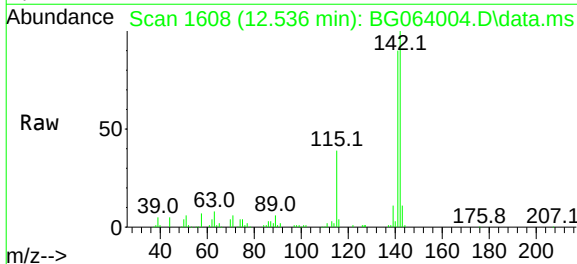
Manual Integrations
APPROVED

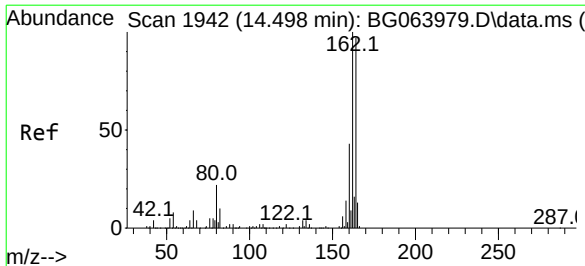
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 8.348 ng
RT: 12.536 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:142 Resp: 84670
Ion Ratio Lower Upper
142 100
141 90.2 69.2 103.8
116 3.7 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: BG064004.D

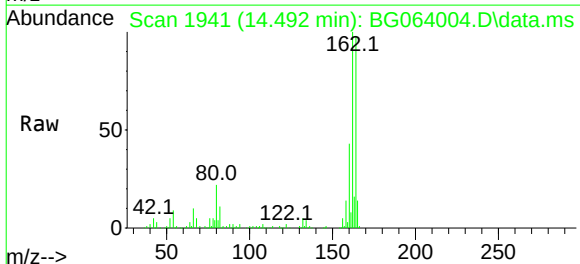
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



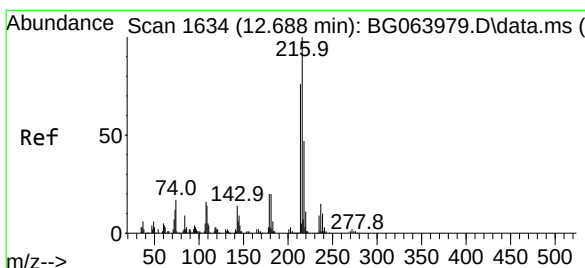
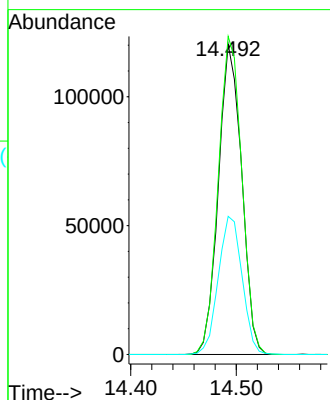
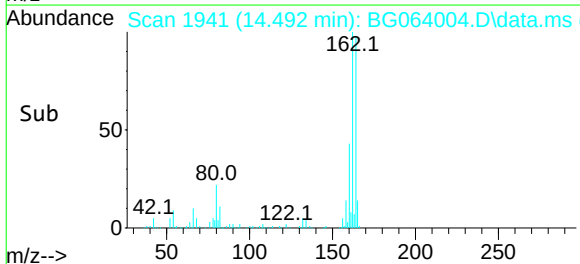
Tgt Ion:	164	Resp:	184271
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.3	123.5
160	44.5	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.120 ng

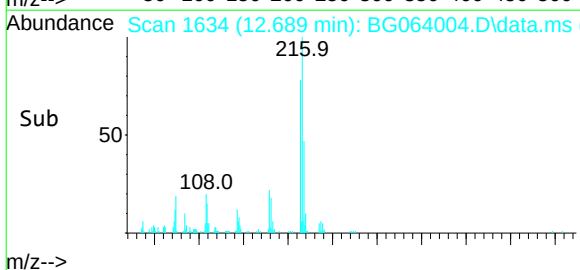
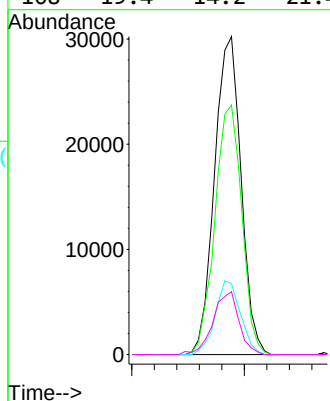
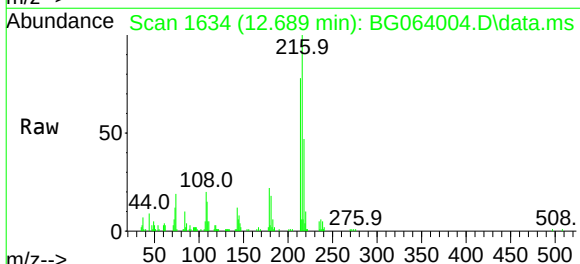
RT: 12.689 min Scan# 1634

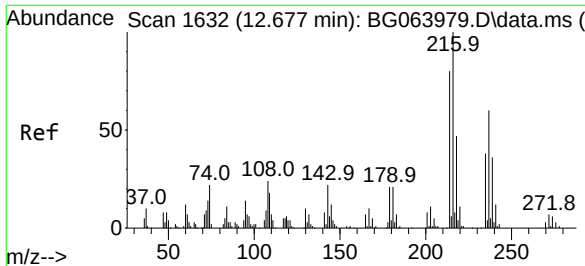
Delta R.T. 0.000 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

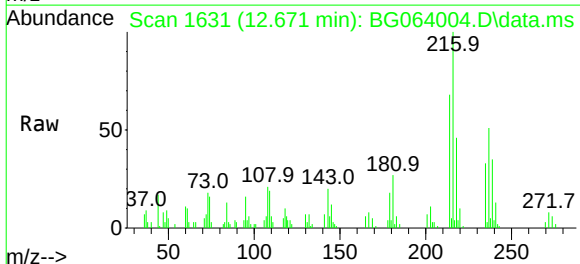
Tgt Ion:	216	Resp:	49559
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	22.1	16.6	25.0
108	19.4	14.2	21.4





#41
Hexachlorocyclopentadiene
Concen: 7.535 ng
RT: 12.671 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

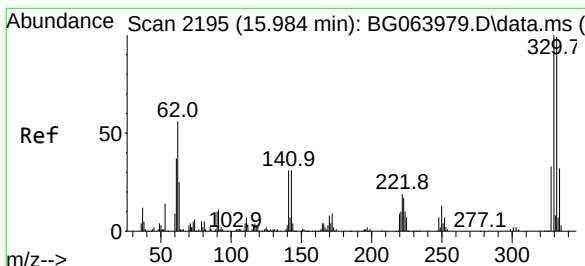
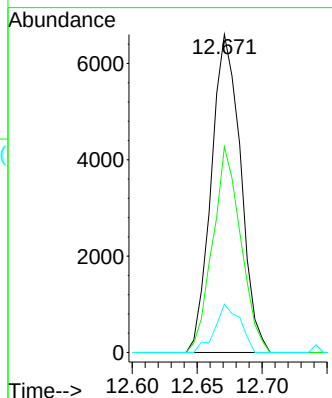
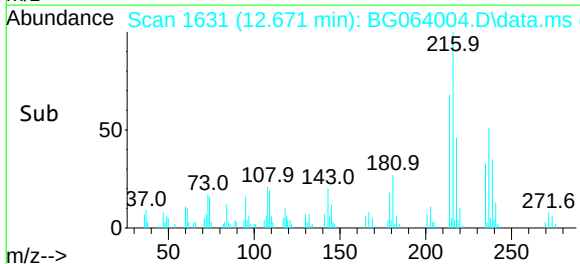
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



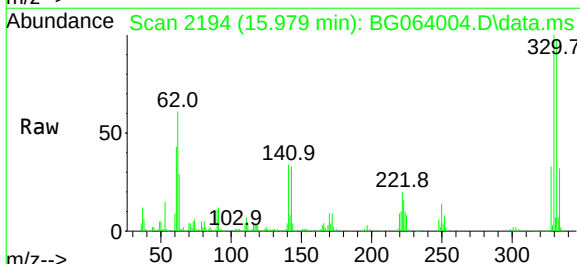
Tgt Ion:	237	Resp:	10363
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.8	83.8
272	15.2	0.0	32.3

Manual Integrations
APPROVED

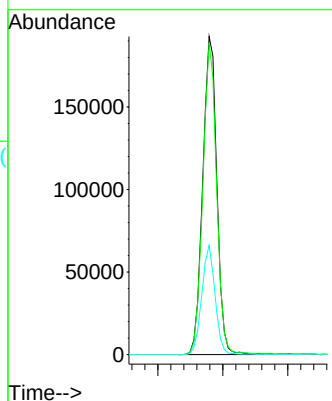
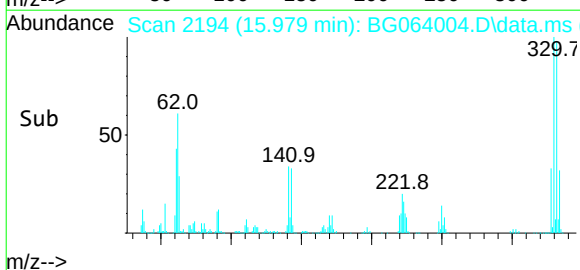
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

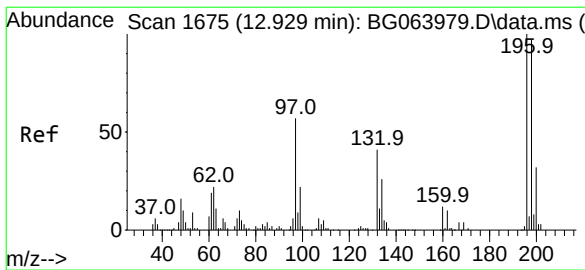


#42
2,4,6-Tribromophenol
Concen: 135.676 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



Tgt Ion:	330	Resp:	290467
Ion Ratio	Lower	Upper	
330	100		
332	95.7	79.0	118.6
141	32.3	27.2	40.8





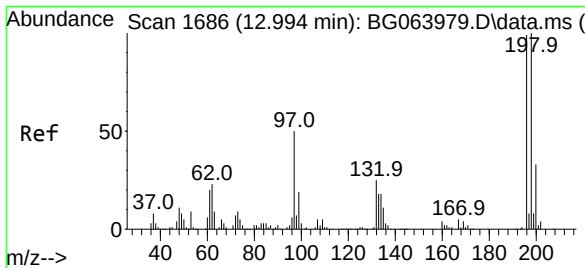
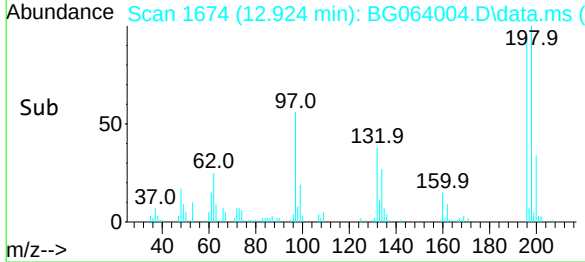
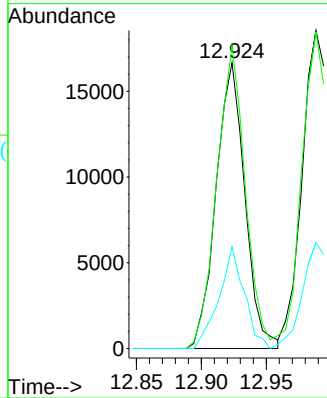
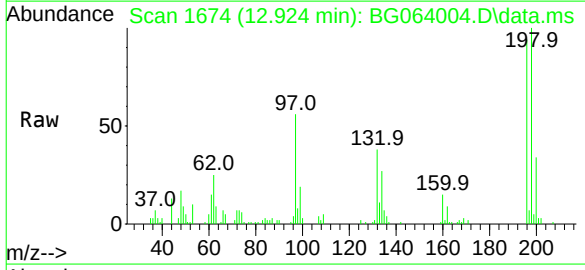
#43
2,4,6-Trichlorophenol
Concen: 12.119 ng
RT: 12.924 min Scan# 1675
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:196 Resp: 25689
Ion Ratio Lower Upper
196 100
198 106.0 77.9 116.9
200 35.5 25.5 38.3

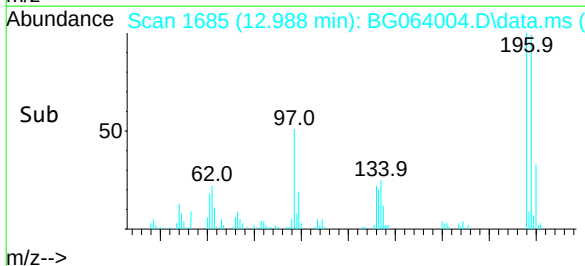
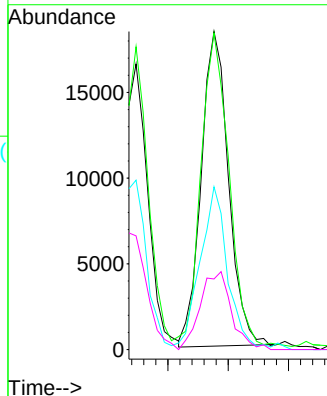
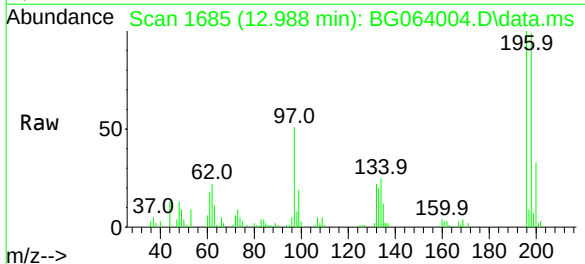
Manual Integrations
APPROVED

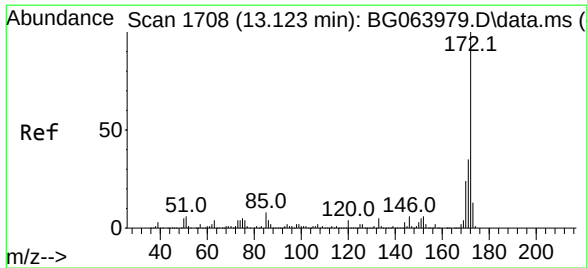
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#44
2,4,5-Trichlorophenol
Concen: 11.341 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:196 Resp: 28972
Ion Ratio Lower Upper
196 100
198 99.5 81.1 121.7
97 51.2 41.2 61.8
132 22.2 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 89.303 ng

RT: 13.123 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:172 Resp: 1074053

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

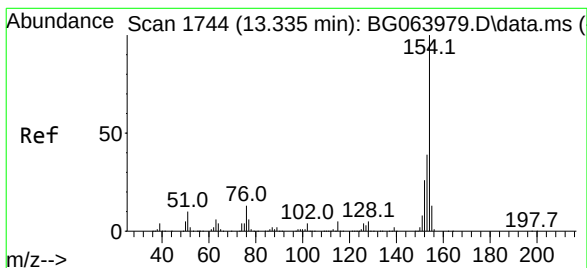
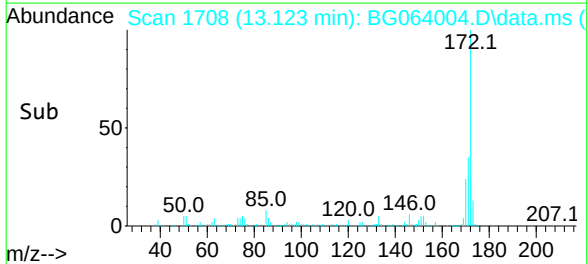
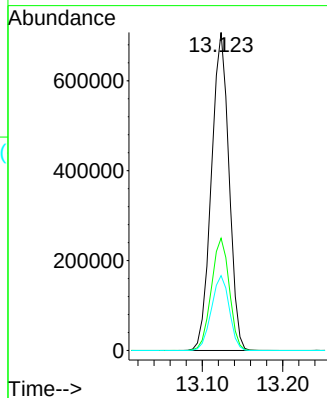
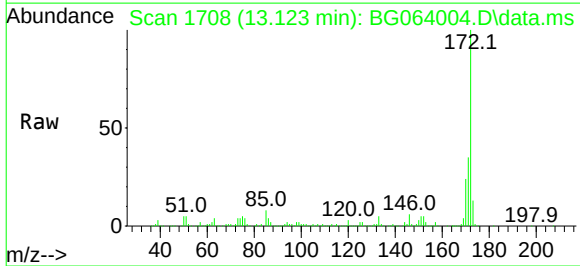
170 23.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 9.040 ng

RT: 13.329 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

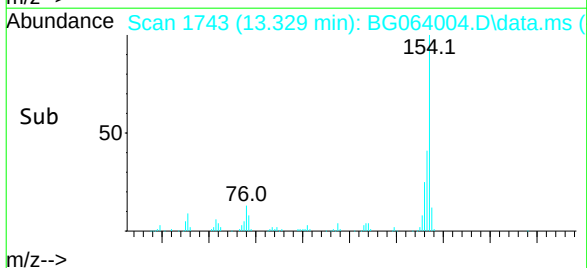
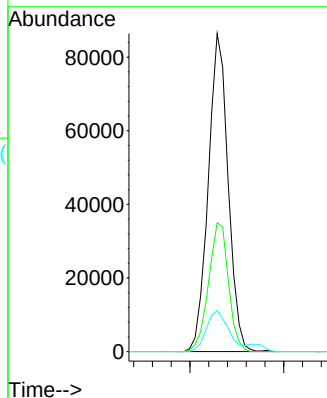
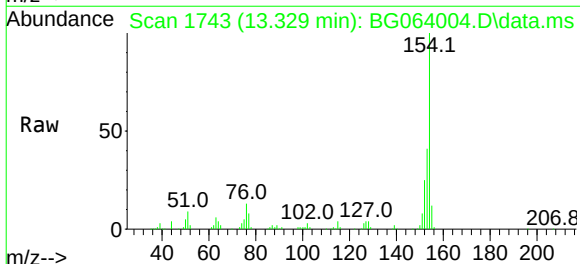
Tgt Ion:154 Resp: 126831

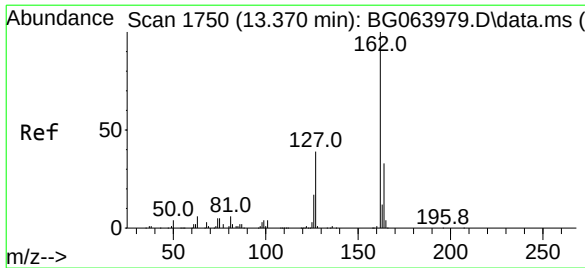
Ion Ratio Lower Upper

154 100

153 40.6 19.3 59.3

76 12.9 0.0 33.3





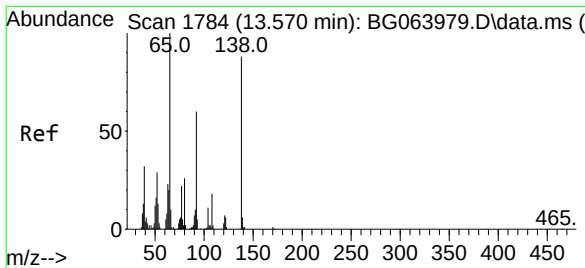
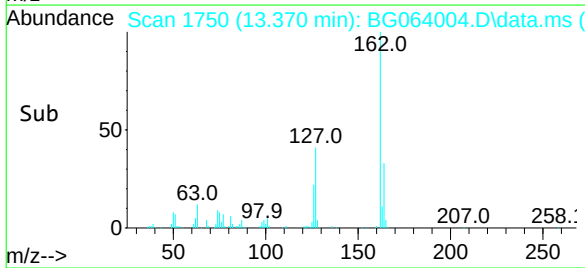
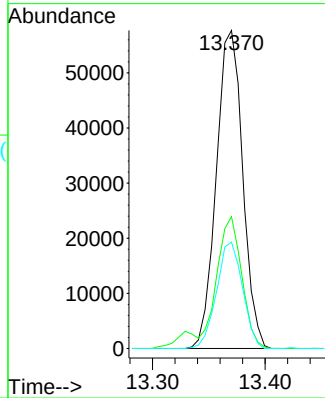
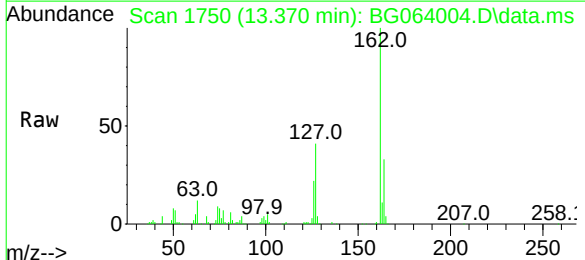
#47
2-Chloronaphthalene
Concen: 9.182 ng
RT: 13.370 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:	162	Resp:	93892
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.4	50.2
164	33.4	26.0	39.0

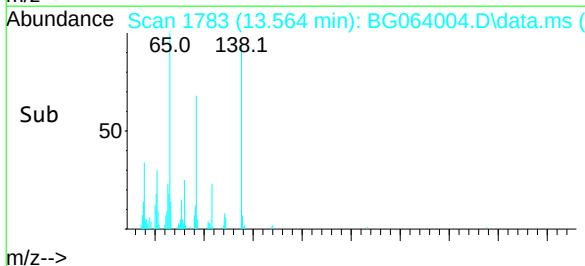
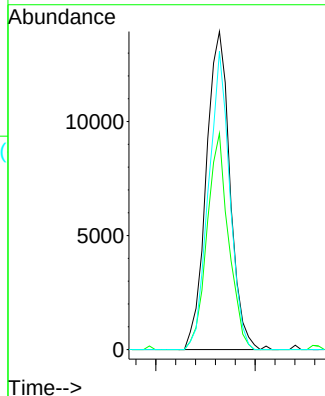
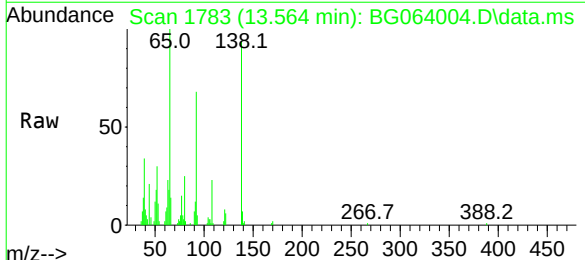
Manual Integrations
APPROVED

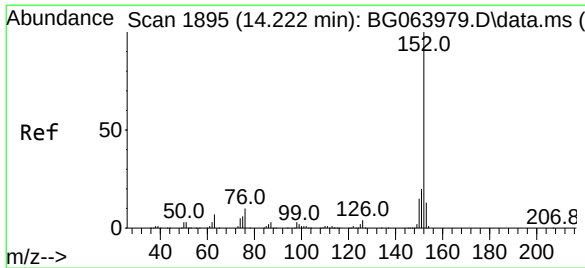
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#48
2-Nitroaniline
Concen: 13.437 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:	65	Resp:	23176
Ion Ratio	Lower	Upper	
65	100		
92	68.0	47.6	71.4
138	93.7	70.6	106.0





#49

Acenaphthylene

Concen: 9.399 ng

RT: 14.216 min Scan# 18

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

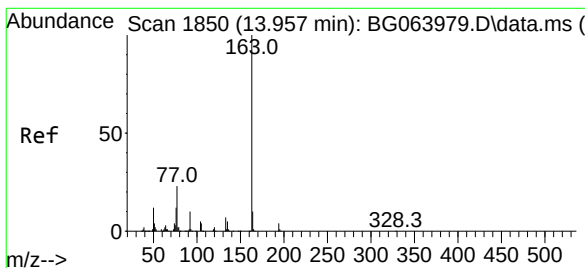
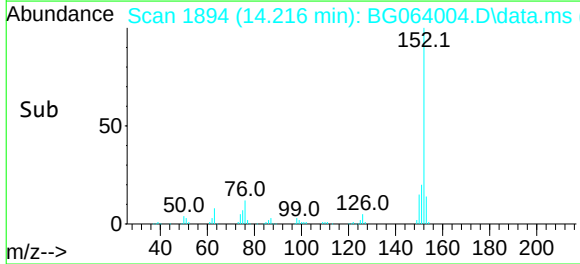
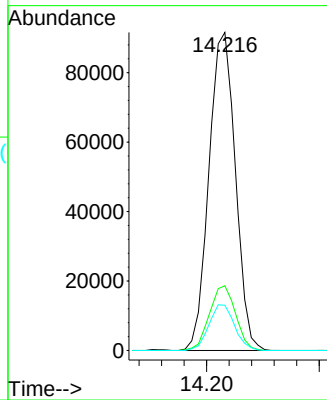
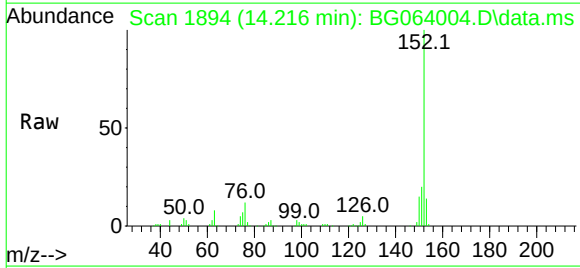
Tgt Ion:	152	Resp:	149292
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	14.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 9.314 ng

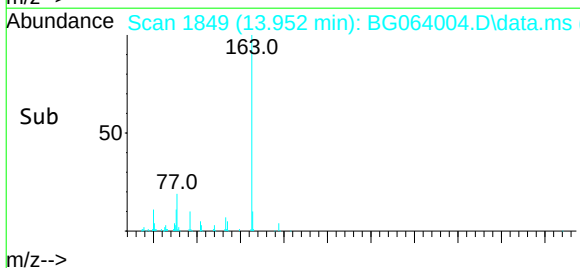
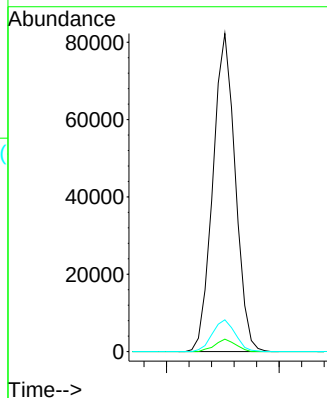
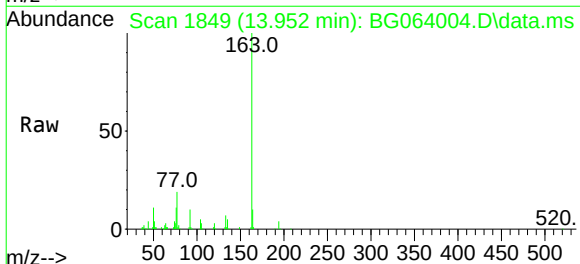
RT: 13.952 min Scan# 1849

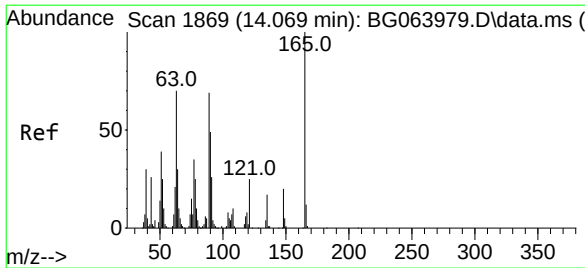
Delta R.T. -0.005 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

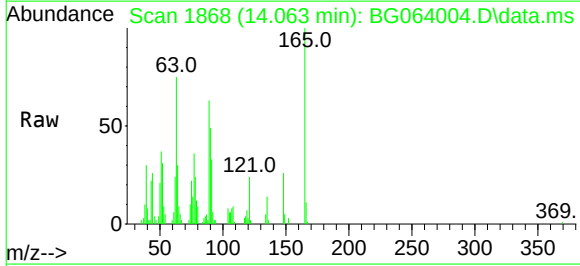
Tgt Ion:	163	Resp:	113796
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 12.435 ng
RT: 14.063 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

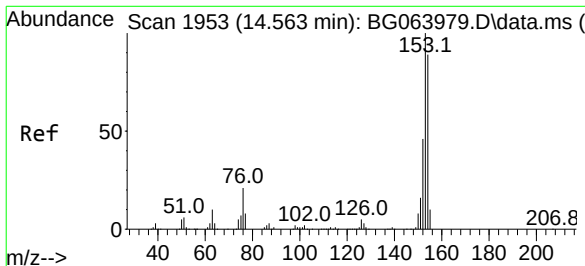
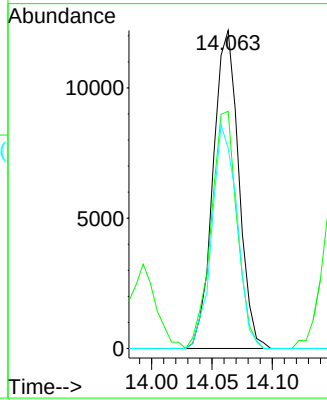
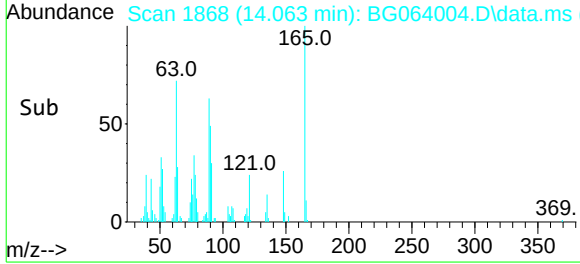
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



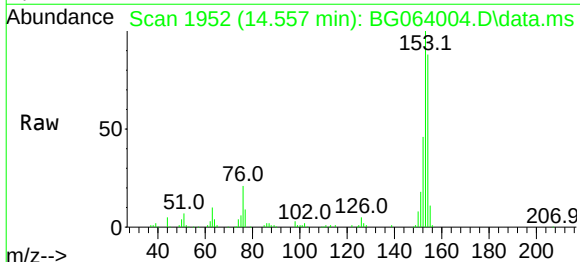
Tgt Ion:165 Resp: 18033
Ion Ratio Lower Upper
165 100
63 74.6 57.7 86.5
89 62.9 55.6 83.4

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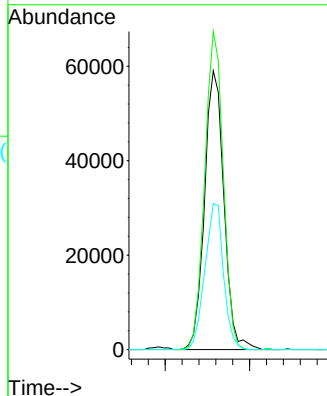
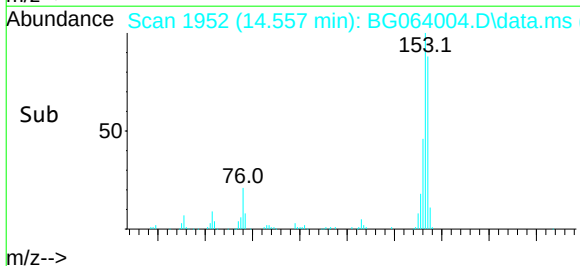
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

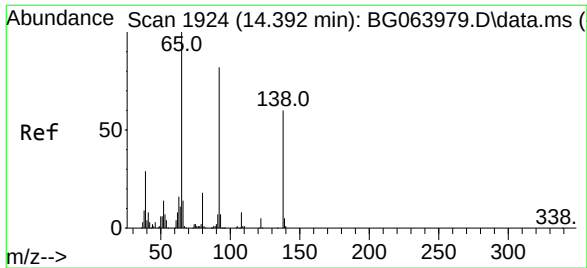


#52
Acenaphthene
Concen: 8.863 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



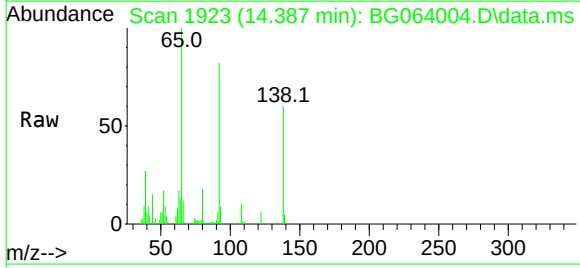
Tgt Ion:154 Resp: 94426
Ion Ratio Lower Upper
154 100
153 114.1 90.2 135.2
152 52.4 41.1 61.7





#53
3-Nitroaniline
Concen: 12.342 ng
RT: 14.387 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

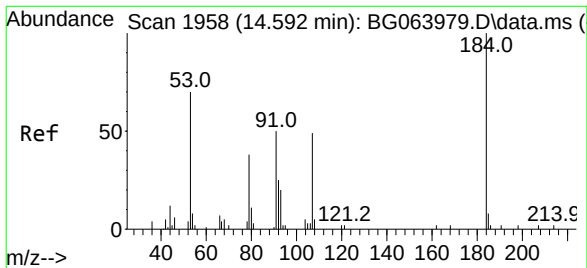
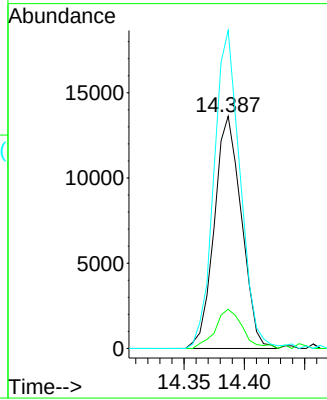
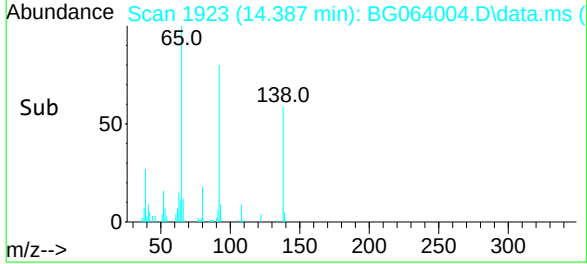
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:138 Resp: 21354
Ion Ratio Lower Upper
138 100
108 16.9 10.3 15.5#
92 136.9 109.0 163.4

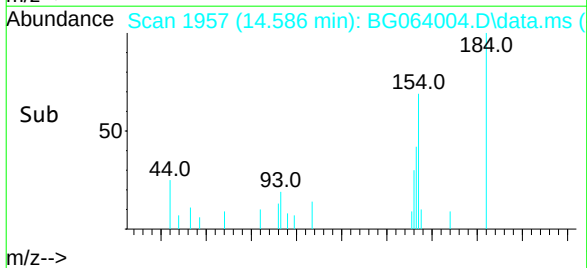
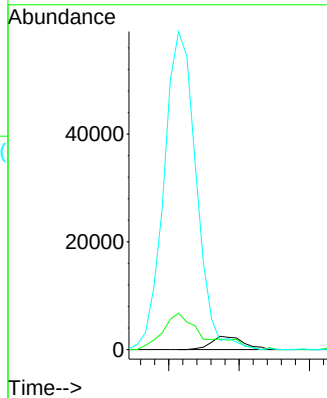
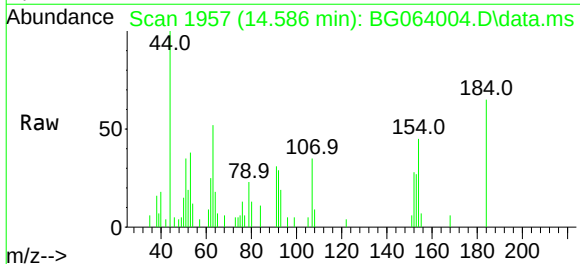
Manual Integrations
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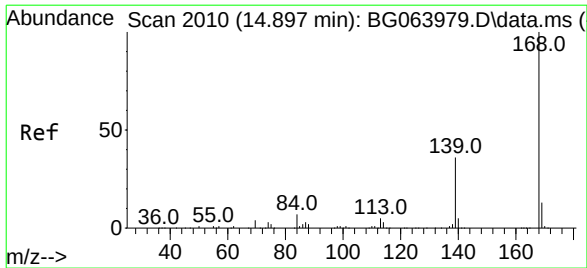
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 12.941 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:184 Resp: 3902
Ion Ratio Lower Upper
184 100
63 79.4 67.3 100.9
154 69.1 65.9 98.9





#55

Dibenzenofuran

Concen: 8.626 ng

RT: 14.892 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BG064004.D

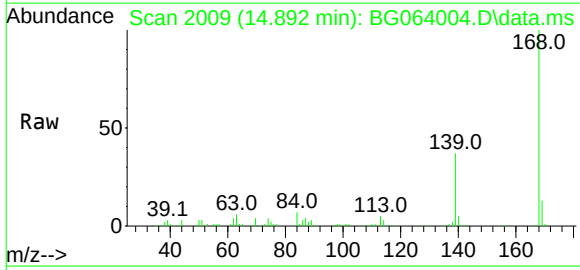
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 149222

Ion Ratio Lower Upper

168 100

139 36.8 28.6 43.0

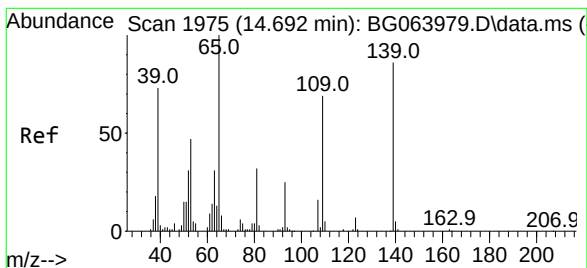
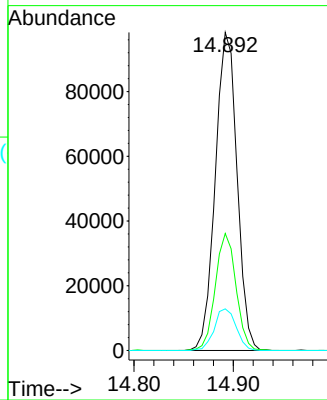
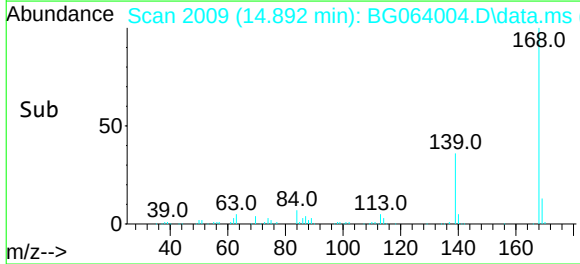
169 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#56

4-Nitrophenol

Concen: 14.622 ng

RT: 14.686 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

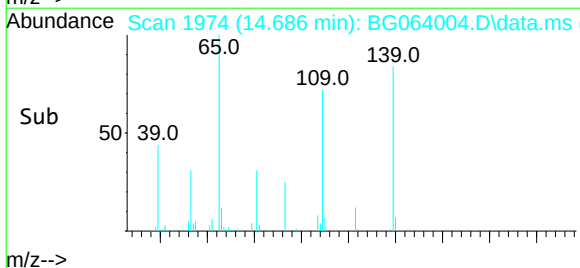
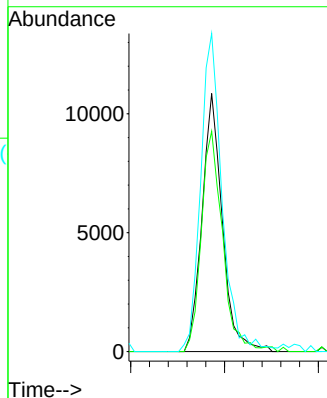
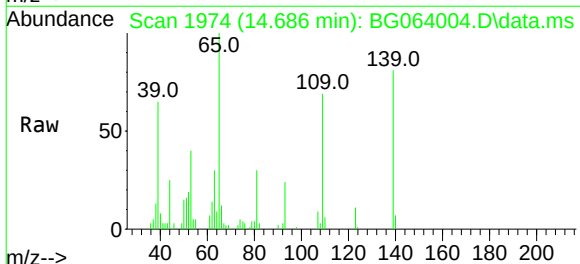
Tgt Ion:139 Resp: 16344

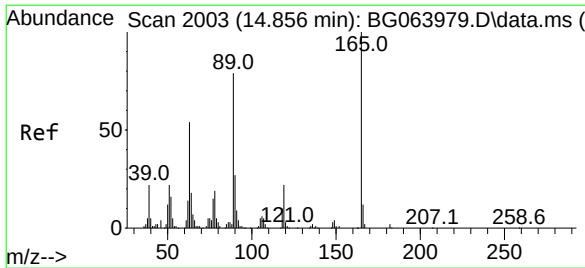
Ion Ratio Lower Upper

139 100

109 85.4 60.1 100.1

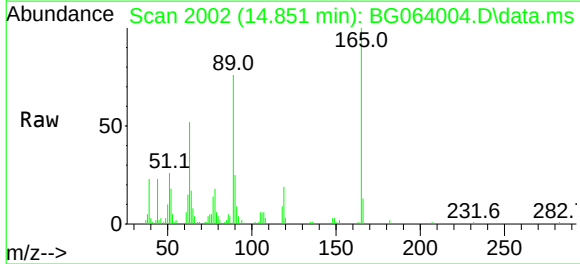
65 123.2 96.2 136.2





#57
2,4-Dinitrotoluene
Concen: 13.325 ng
RT: 14.851 min Scan# 2003
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

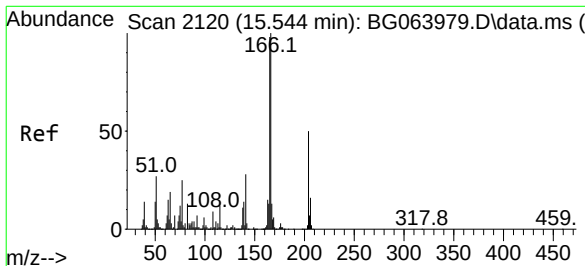
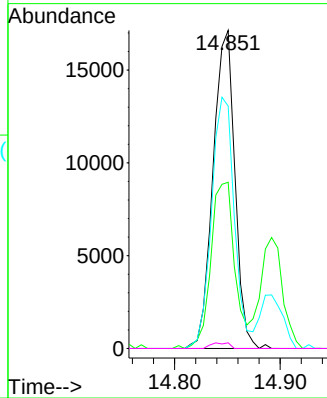
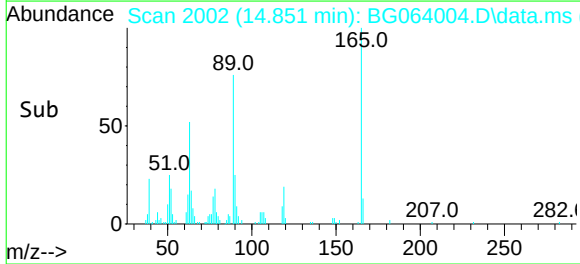
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:165 Resp: 24665
Ion Ratio Lower Upper
165 100
63 52.3 43.6 65.4
89 76.2 63.1 94.7
182 1.8 1.4 2.0

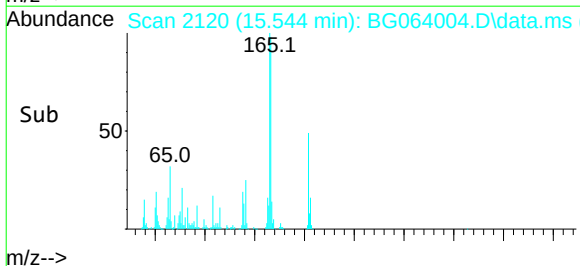
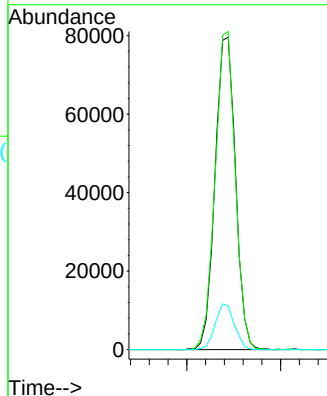
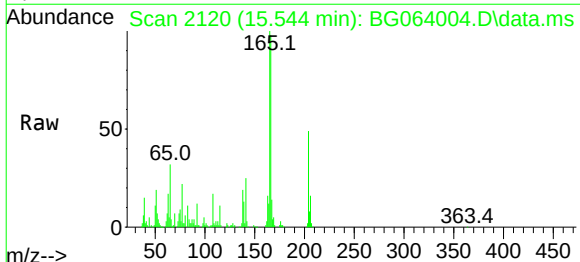
Manual Integrations
APPROVED

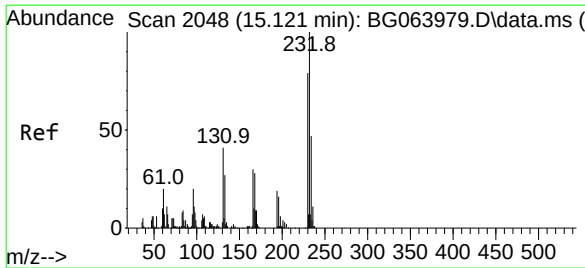
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 8.991 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

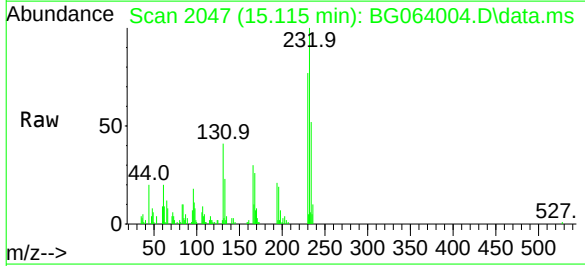
Tgt Ion:166 Resp: 120224
Ion Ratio Lower Upper
166 100
165 101.8 78.7 118.1
167 13.9 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 12.059 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

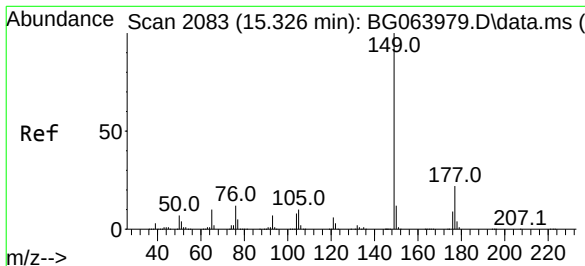
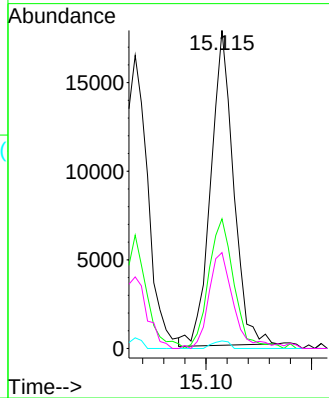
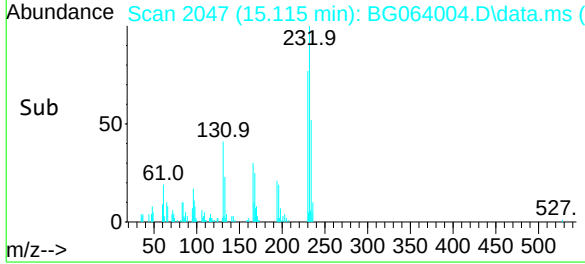
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:232 Resp: 26645
Ion Ratio Lower Upper
232 100
131 45.8 34.0 51.0
130 1.8 2.2 3.4#
166 33.8 24.1 36.1

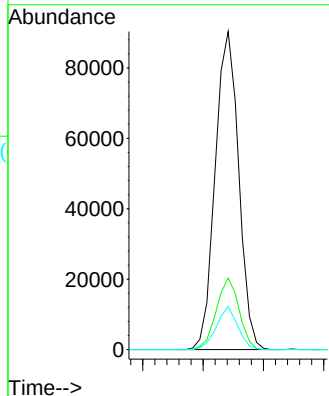
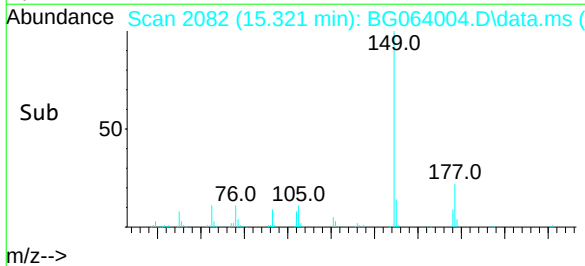
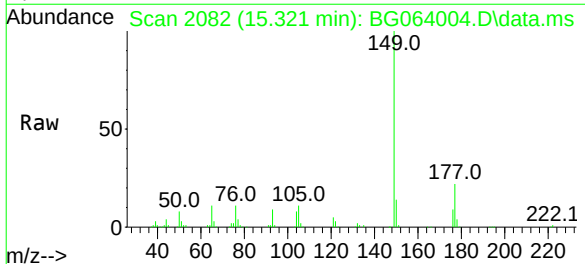
Manual Integrations
APPROVED

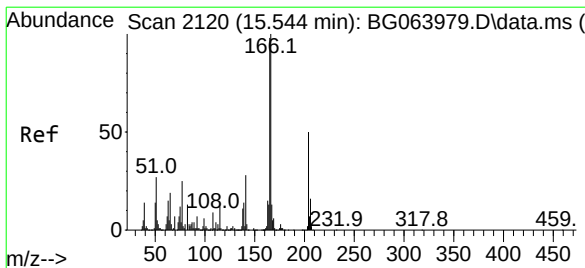
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 9.419 ng
RT: 15.321 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:149 Resp: 122015
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 13.5 9.7 14.5





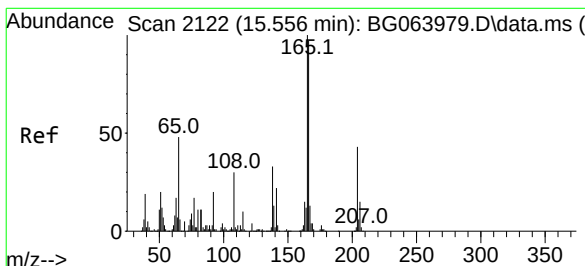
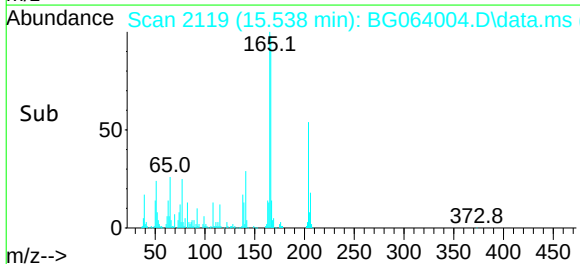
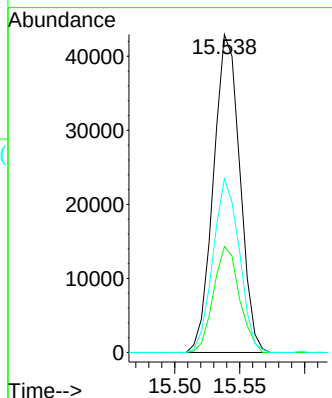
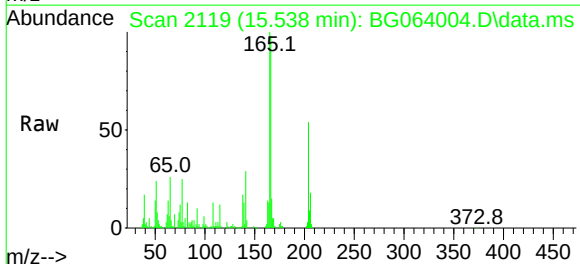
#61
4-Chlorophenyl-phenylether
Concen: 9.044 ng
RT: 15.538 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	54.6	44.6	67.0

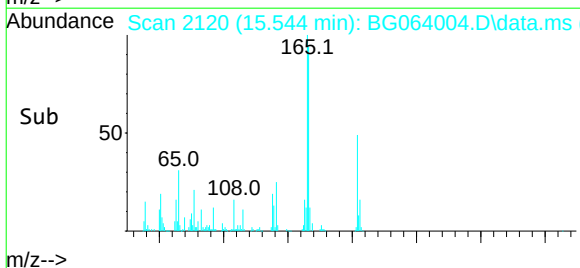
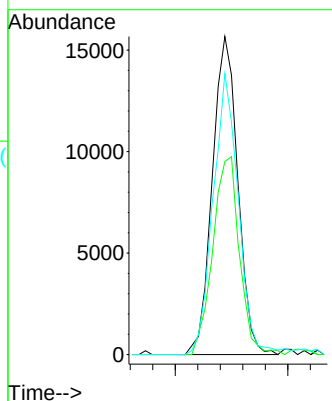
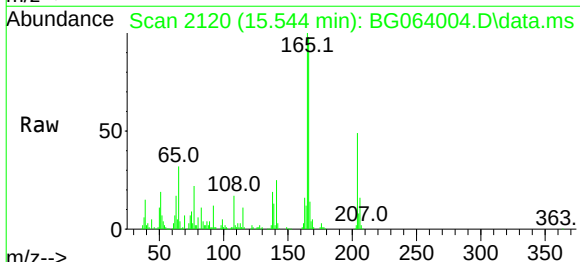
Manual Integrations
APPROVED

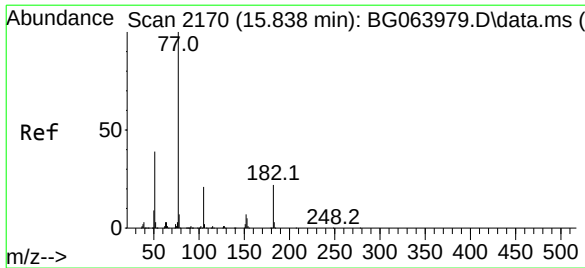
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#62
4-Nitroaniline
Concen: 11.757 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

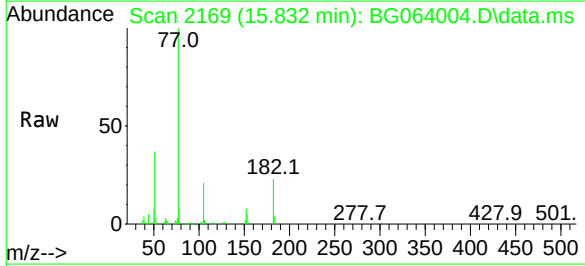
Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	40.3	80.3
108	88.3	69.3	109.3





#63
Azobenzene
Concen: 8.480 ng
RT: 15.832 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

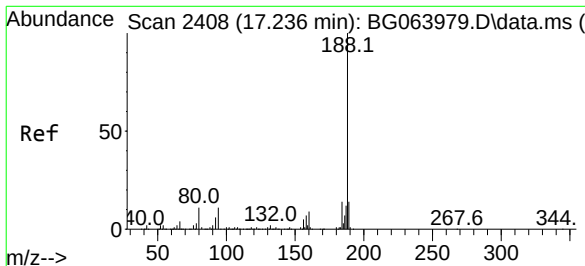
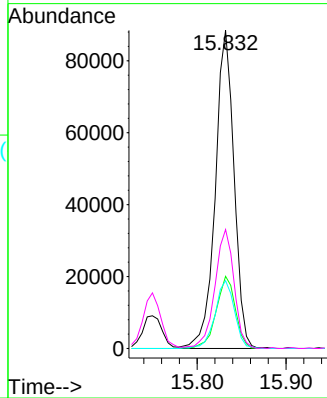
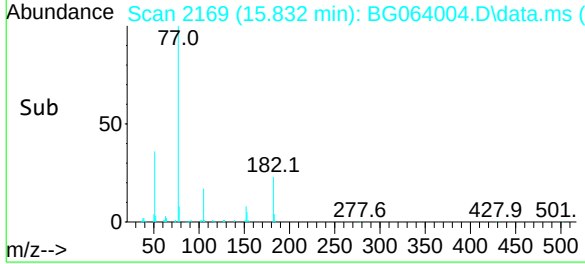
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 77 Resp: 129738
Ion Ratio Lower Upper
77 100
182 22.7 2.3 42.3
105 21.3 1.0 41.0
51 37.4 19.0 59.0

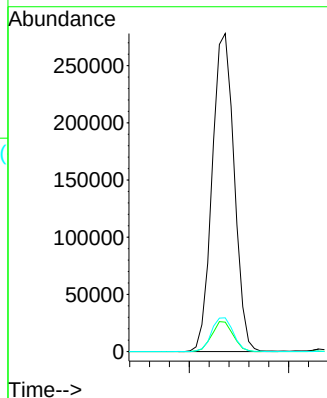
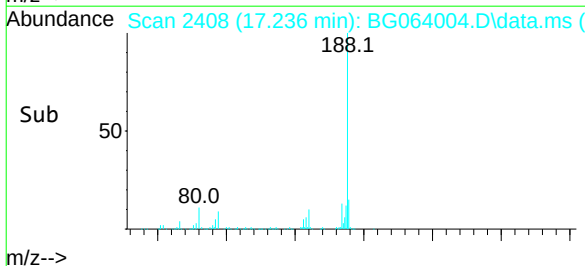
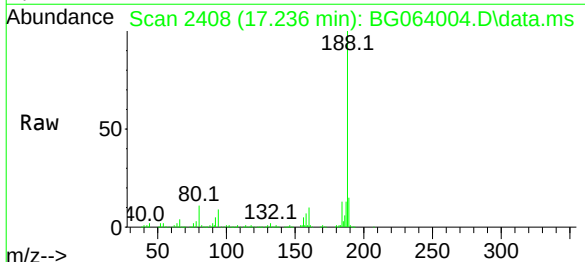
Manual Integrations
APPROVED

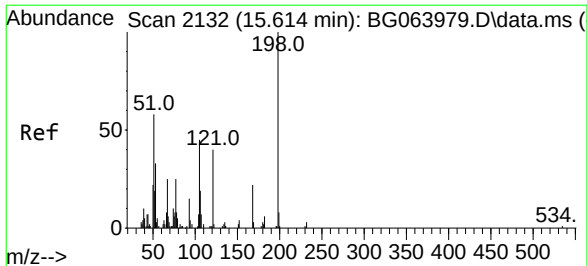
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:188 Resp: 428401
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 10.6 8.5 12.7





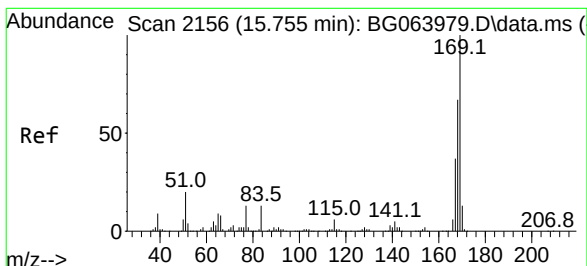
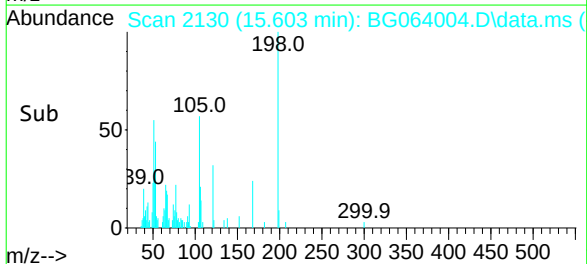
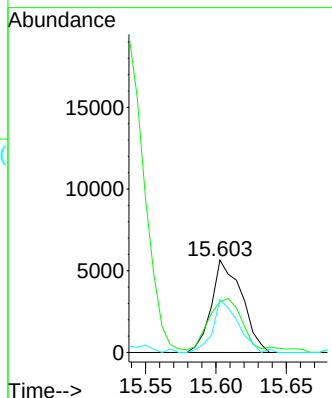
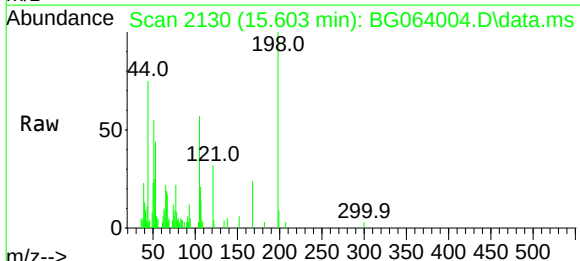
#65
4,6-Dinitro-2-methylphenol
Concen: 14.766 ng
RT: 15.603 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:198 Resp: 8496
Ion Ratio Lower Upper
198 100
51 54.9 45.4 85.4
105 57.3 27.7 67.7

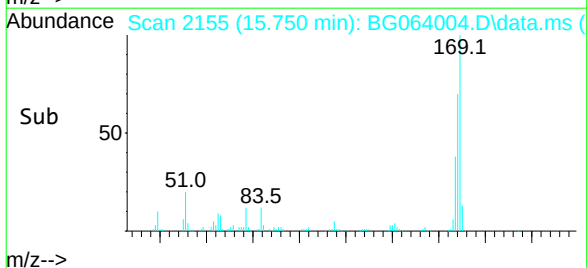
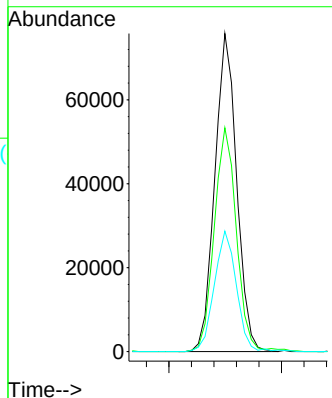
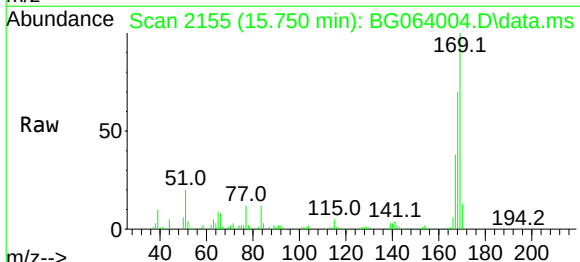
Manual Integrations
APPROVED

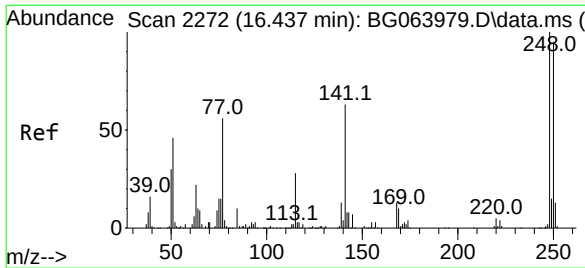
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 8.607 ng
RT: 15.750 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

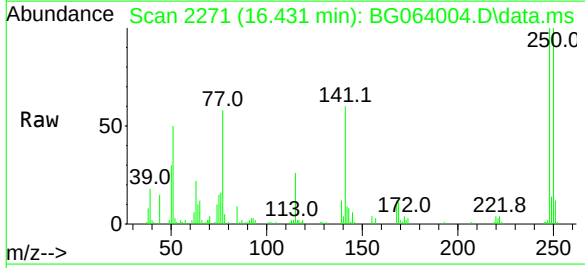
Tgt Ion:169 Resp: 102234
Ion Ratio Lower Upper
169 100
168 70.4 53.5 80.3
167 37.9 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 8.958 ng
RT: 16.431 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

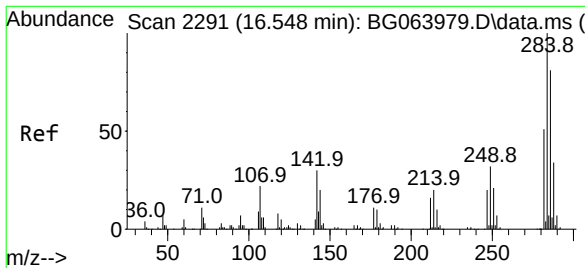
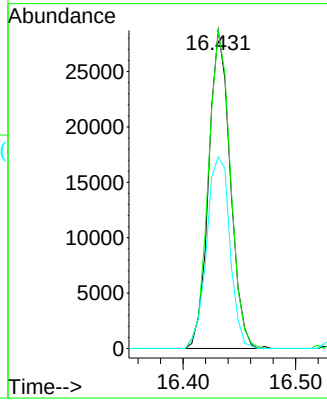
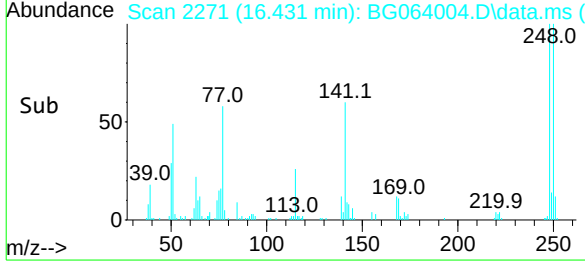
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



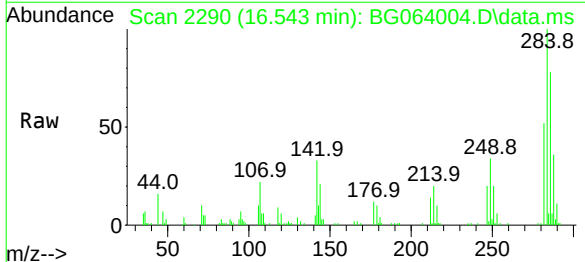
Tgt Ion: 248 Resp: 38198
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.4
141 60.2 50.6 75.8

Manual Integrations
APPROVED

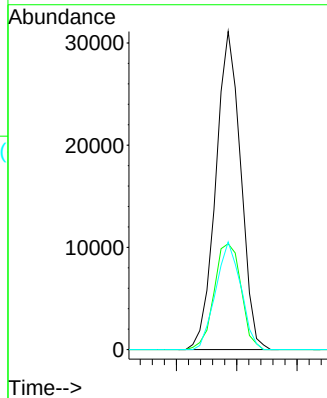
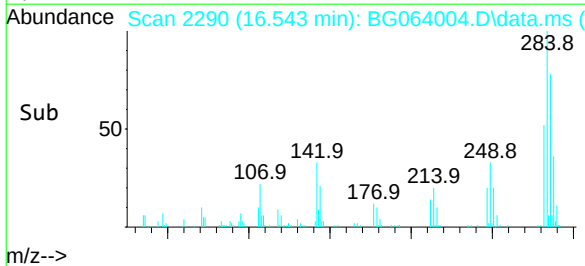
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

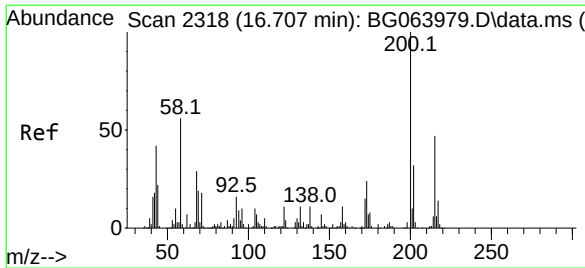


#68
Hexachlorobenzene
Concen: 8.901 ng
RT: 16.543 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



Tgt Ion: 284 Resp: 44623
Ion Ratio Lower Upper
284 100
142 33.3 23.8 35.8
249 33.9 25.9 38.9





#69

Atrazine

Concen: 10.036 ng

RT: 16.696 min Scan# 2316

Delta R.T. -0.011 min

Lab File: BG064004.D

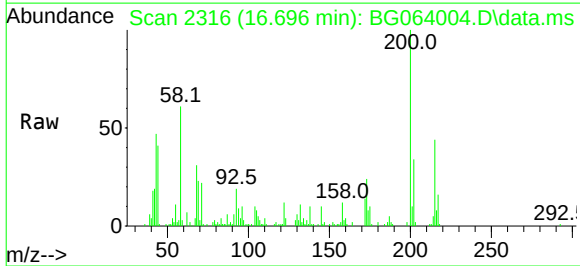
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



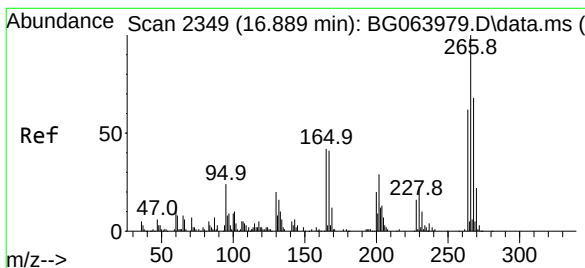
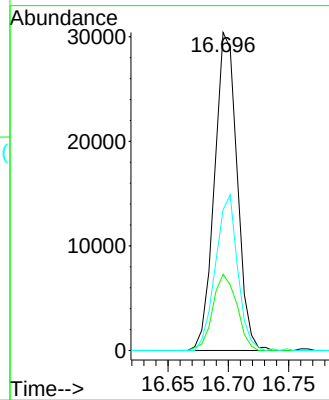
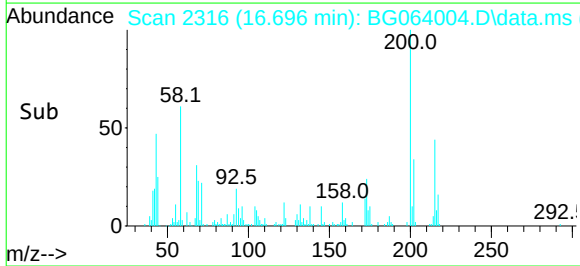
Tgt Ion:	200	Resp:	39668
Ion Ratio	Lower	Upper	
200	100		
173	24.0	3.8	43.8
215	44.2	26.6	66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 14.328 ng

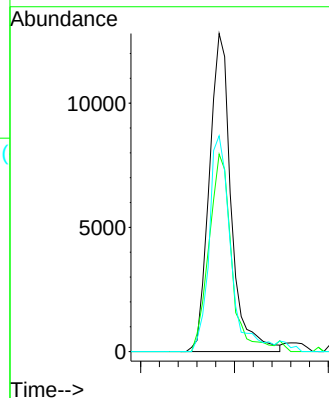
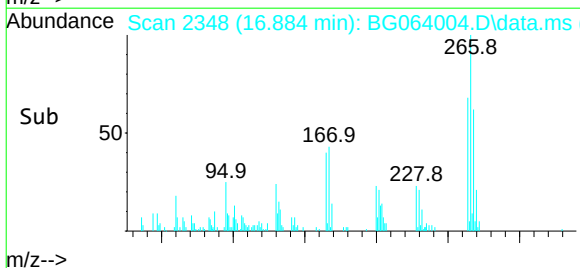
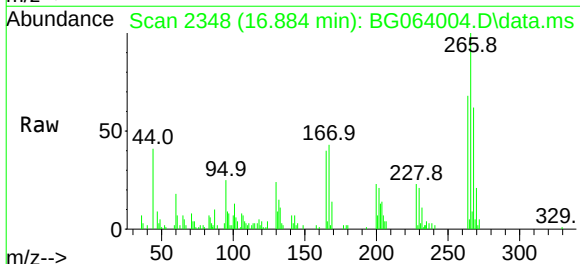
RT: 16.884 min Scan# 2348

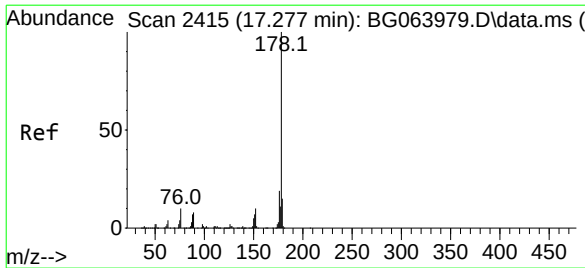
Delta R.T. -0.005 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

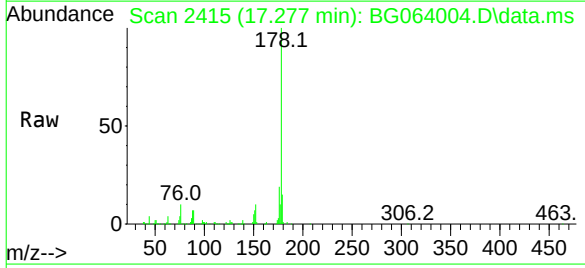
Tgt Ion:	266	Resp:	20717
Ion Ratio	Lower	Upper	
266	100		
268	62.1	54.8	82.2
264	67.9	50.0	75.0





#71
Phenanthrene
Concen: 9.050 ng
RT: 17.277 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

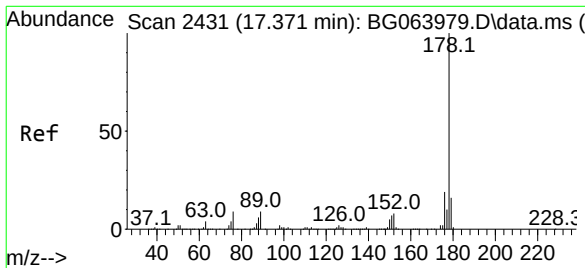
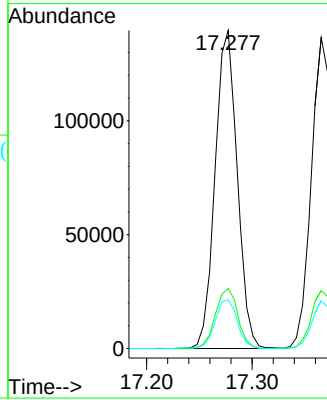
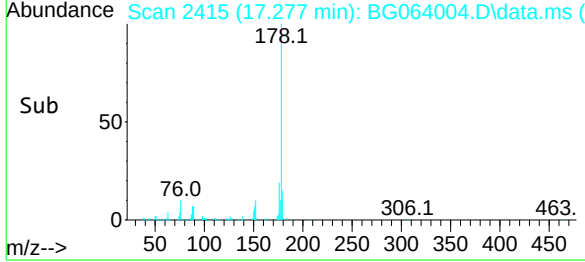
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



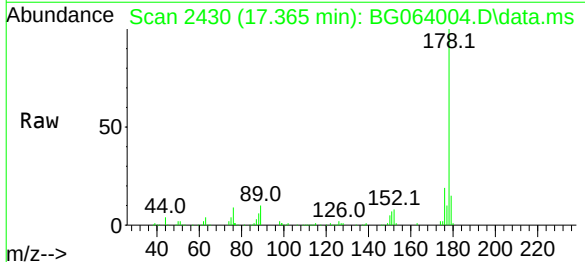
Tgt Ion:	178	Resp:	203636
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.5	23.3
179	15.3	12.2	18.4

Manual Integrations
APPROVED

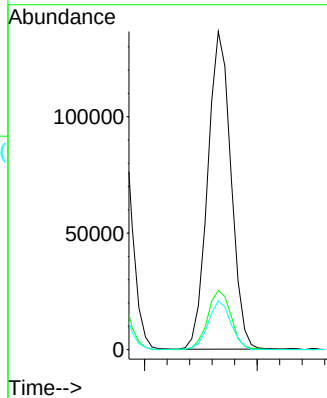
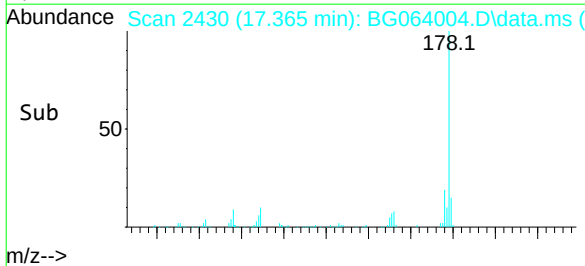
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

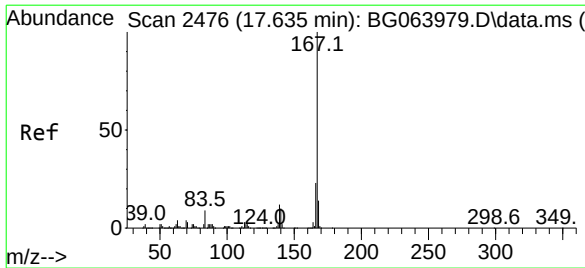


#72
Anthracene
Concen: 8.687 ng
RT: 17.365 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



Tgt Ion:	178	Resp:	195581
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.0	22.4
179	15.4	12.8	19.2





#73

Carbazole

Concen: 9.105 ng

RT: 17.630 min Scan# 2475

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

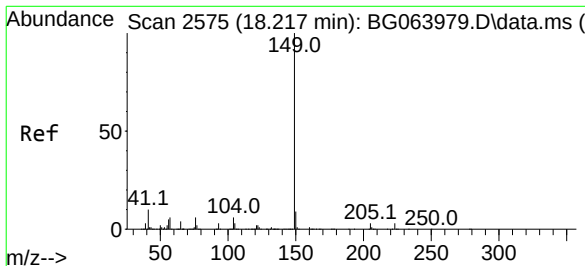
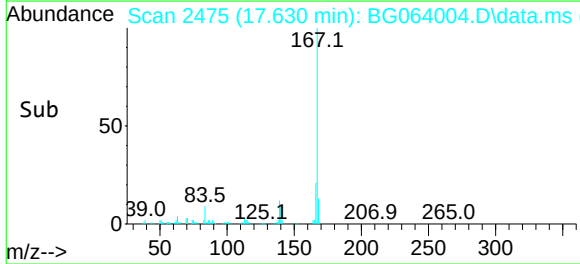
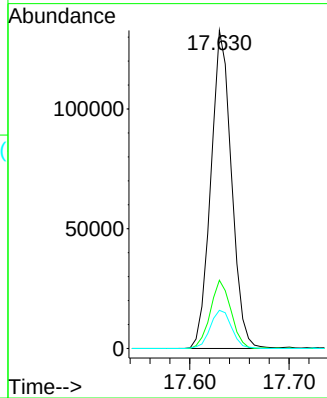
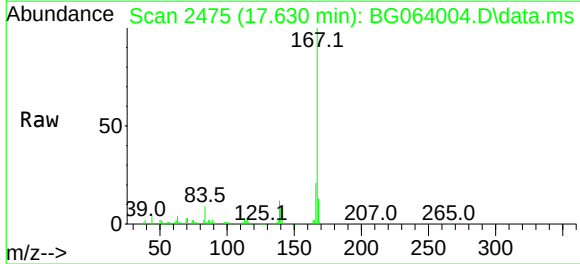
Tgt Ion:	167	Resp:	191906
Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.6	28.0
139	12.0	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#74

Di-n-butylphthalate

Concen: 10.189 ng

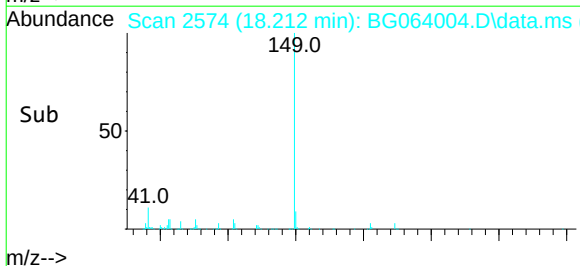
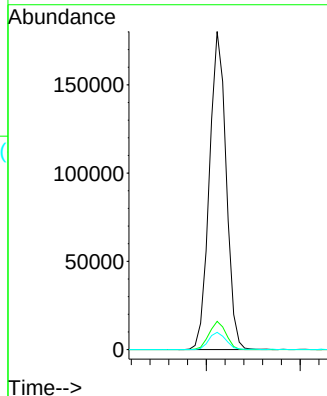
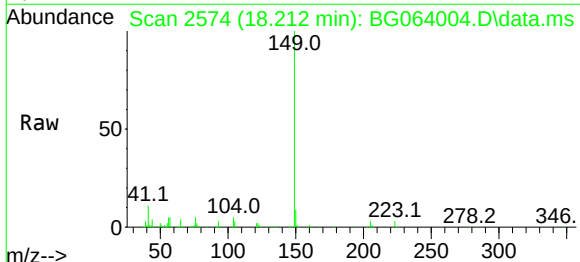
RT: 18.212 min Scan# 2574

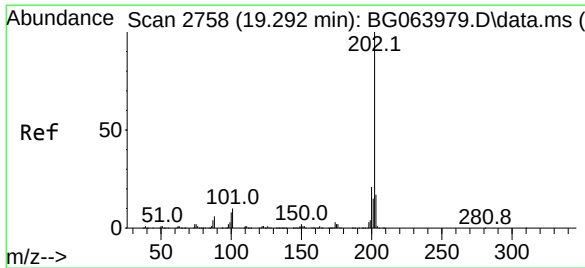
Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Tgt Ion:	149	Resp:	223854
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 9.363 ng

RT: 19.287 min Scan# 27

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

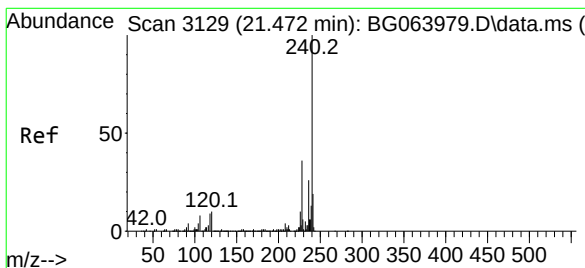
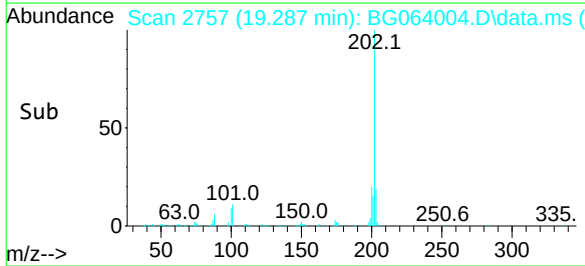
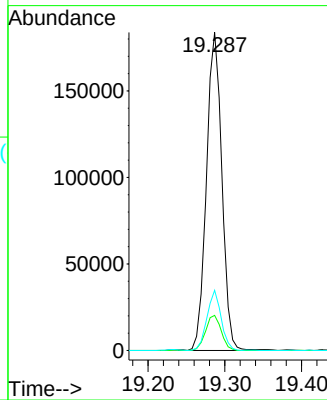
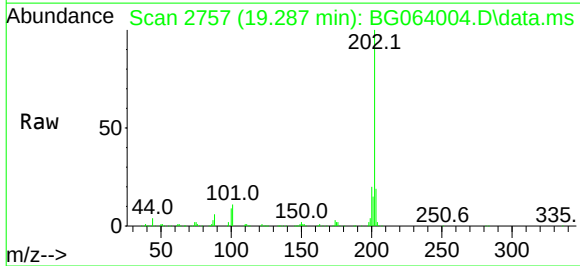
Tgt	Ion:202	Resp:	256531
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.4
203	18.9	0.0	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

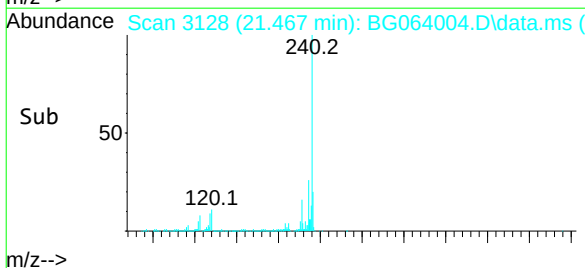
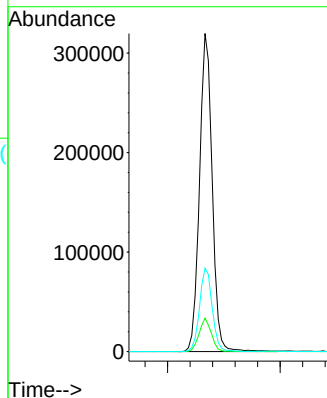
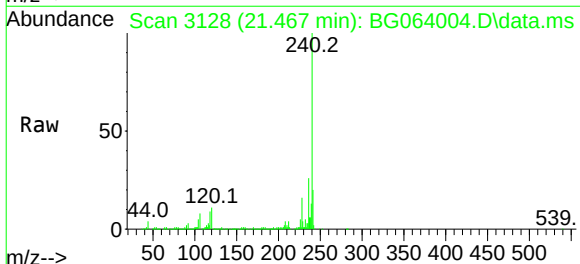
RT: 21.467 min Scan# 3128

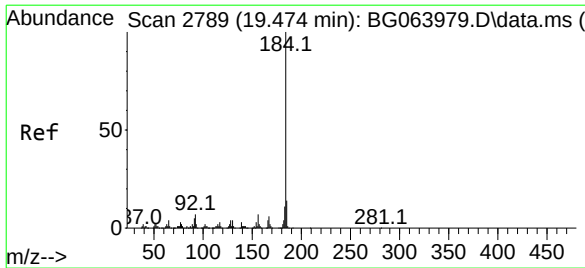
Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Tgt	Ion:240	Resp:	500634
Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.9	11.9
236	26.2	21.0	31.6





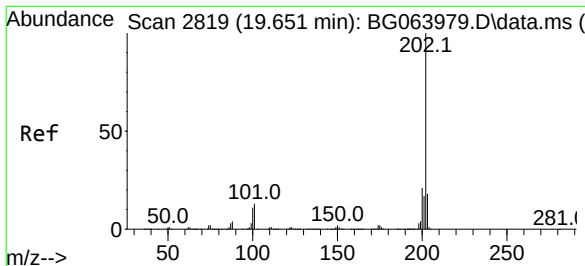
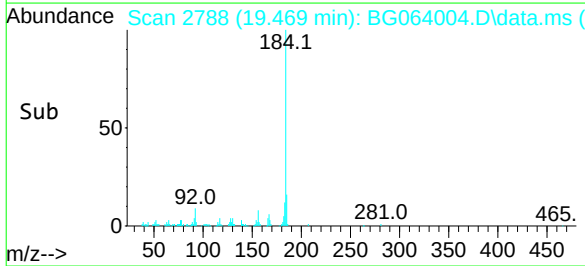
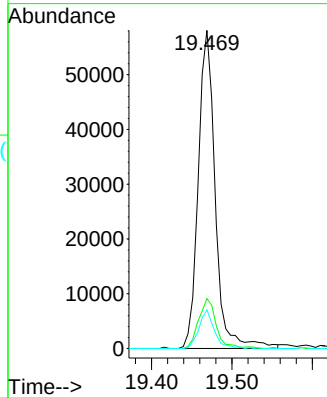
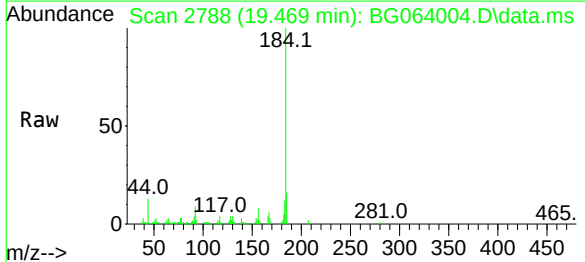
#77
Benzidine
Concen: 8.000 ng
RT: 19.469 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

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

Tgt Ion:	184	Resp:	85283
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.2	16.8
183	12.2	8.7	13.1

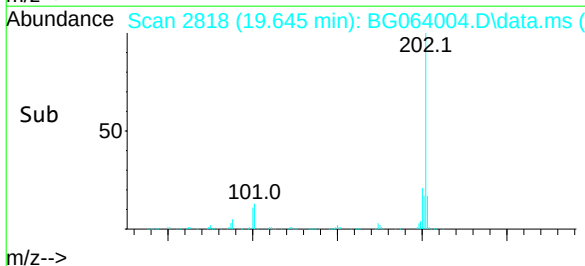
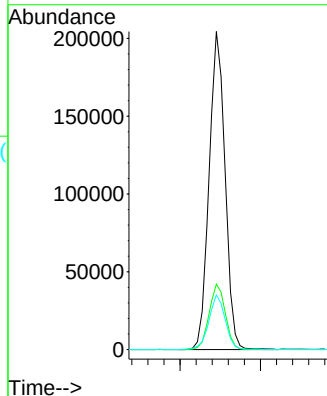
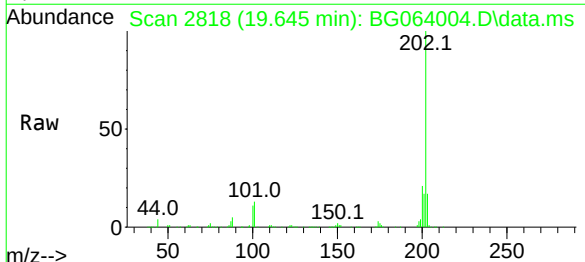
Manual Integrations
APPROVED

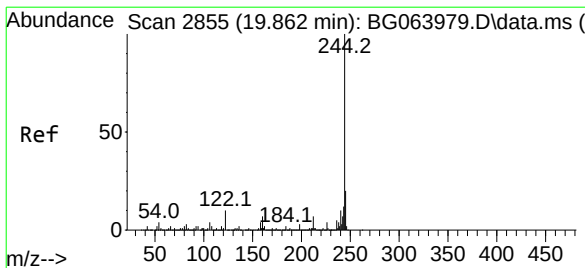
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#78
Pyrene
Concen: 9.120 ng
RT: 19.645 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

Tgt Ion:	202	Resp:	281877
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	17.2	14.5	21.7





#79

Terphenyl-d14

Concen: 87.477 ng

RT: 19.863 min Scan# 2855

Delta R.T. 0.000 min

Lab File: BG064004.D

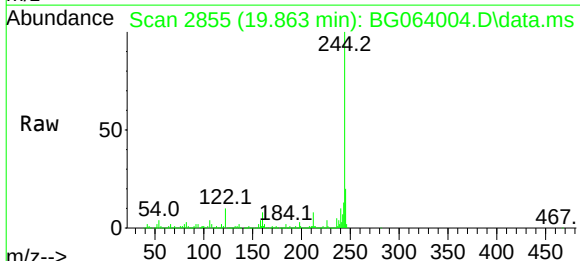
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:244 Resp: 2096951

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

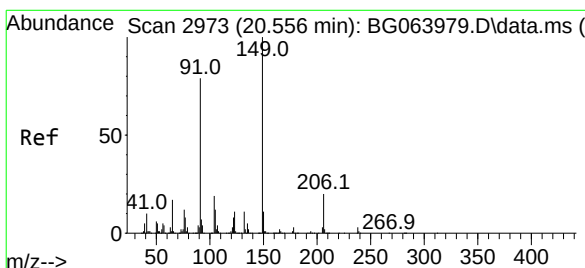
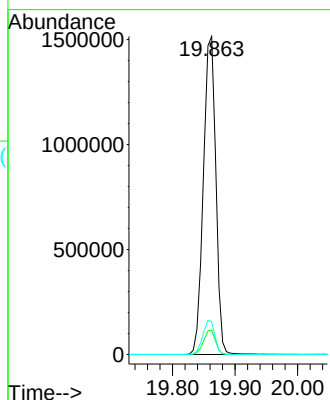
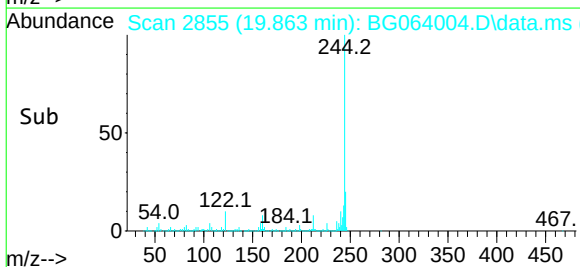
122 10.3 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#80

Butylbenzylphthalate

Concen: 12.974 ng

RT: 20.556 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

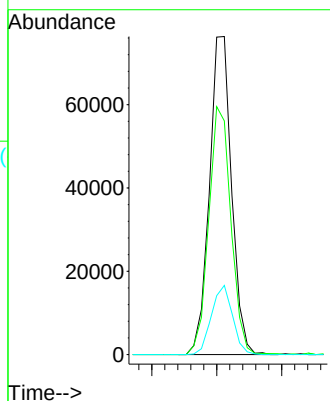
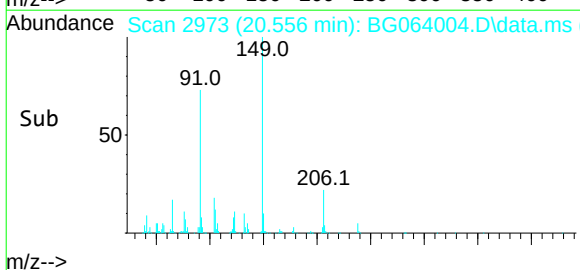
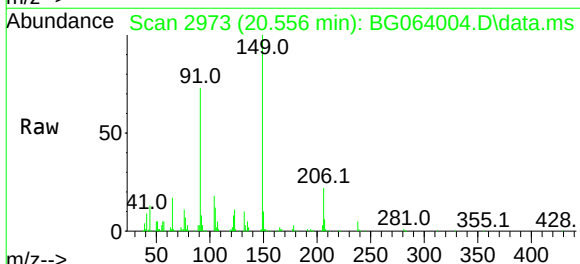
Tgt Ion:149 Resp: 90535

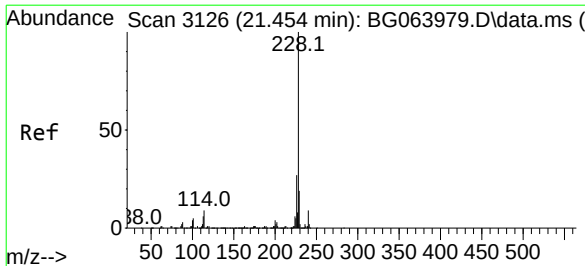
Ion Ratio Lower Upper

149 100

91 73.5 63.0 94.6

206 21.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 9.436 ng

RT: 21.449 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG064004.D

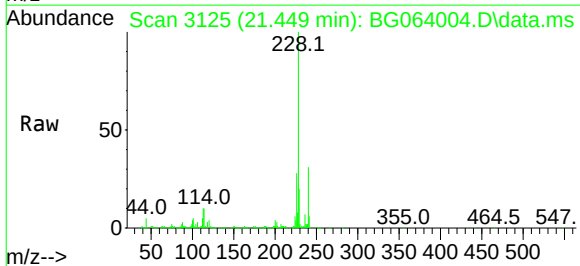
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:228 Resp: 299921

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

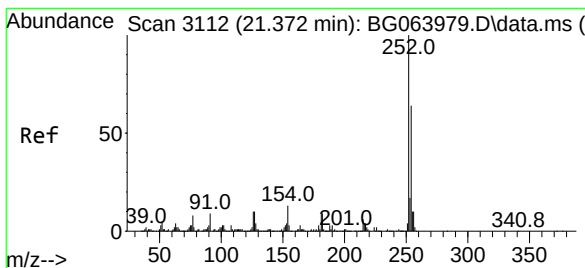
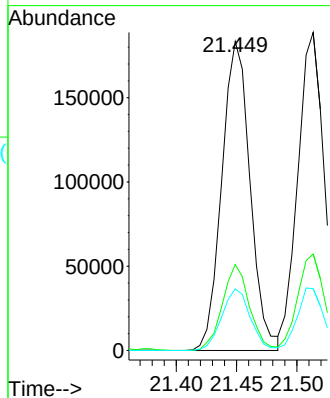
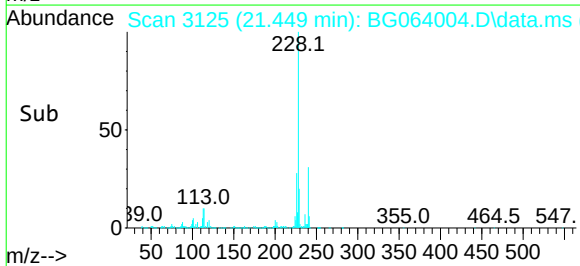
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 9.702 ng

RT: 21.373 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

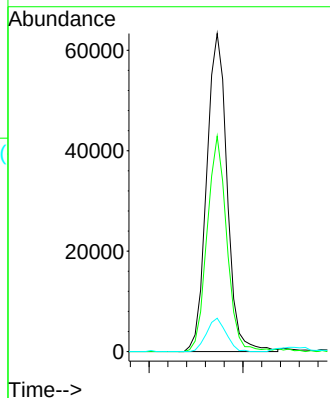
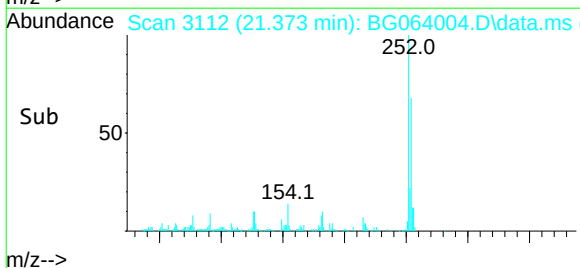
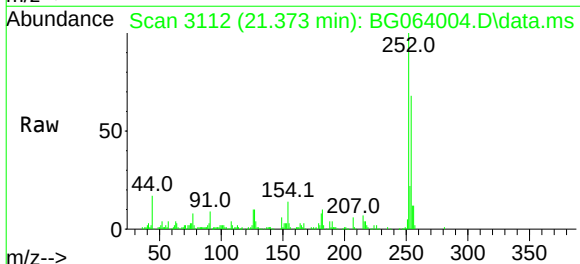
Tgt Ion:252 Resp: 96036

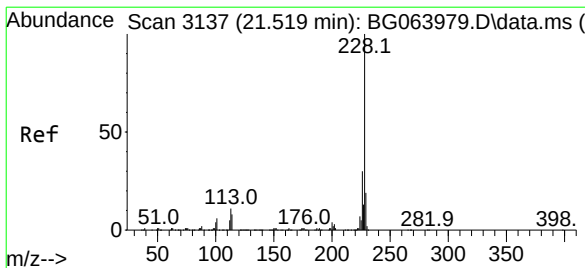
Ion Ratio Lower Upper

252 100

254 67.7 50.8 76.2

126 10.5 8.2 12.2





#83

Chrysene

Concen: 9.154 ng

RT: 21.514 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

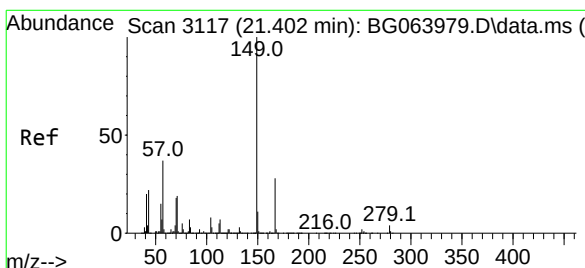
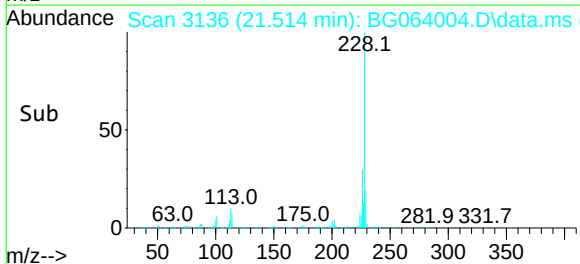
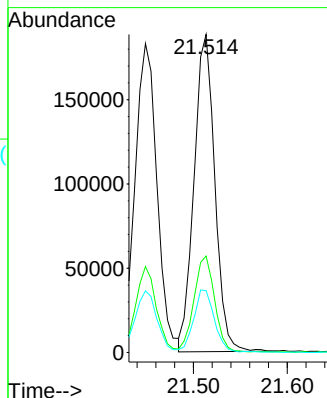
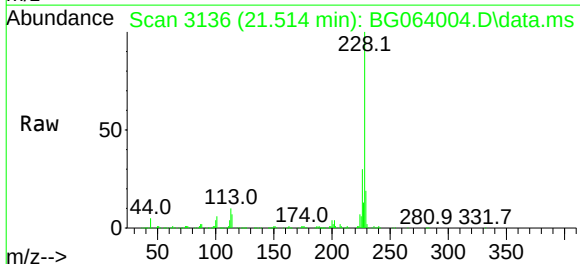
Tgt Ion:	228	Resp:	289553
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.2
229	19.4	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.451 ng

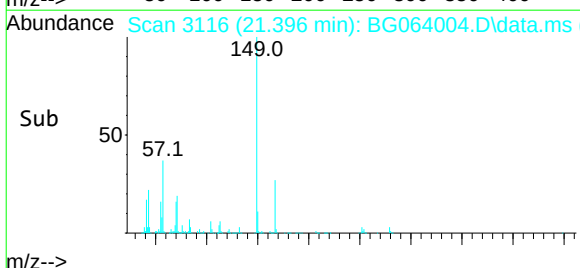
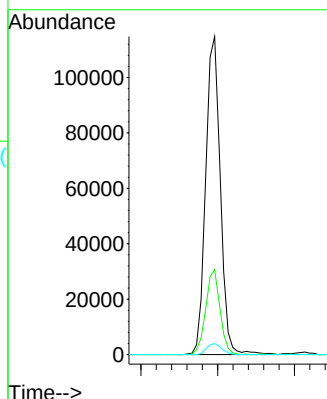
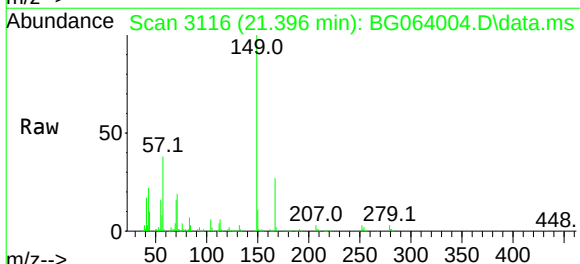
RT: 21.396 min Scan# 3116

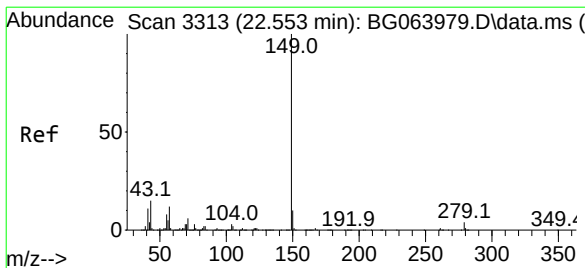
Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Tgt Ion:	149	Resp:	152340
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.5	33.7
279	3.5	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 14.316 ng

RT: 22.548 min Scan# 3313

Delta R.T. -0.005 min

Lab File: BG064004.D

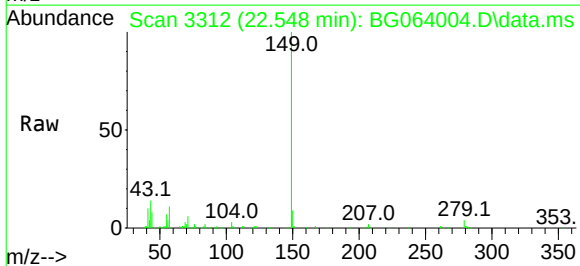
Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



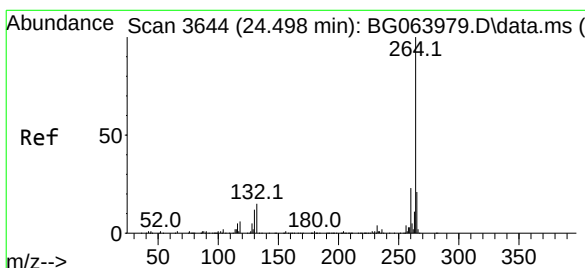
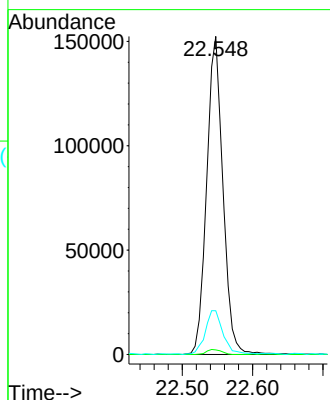
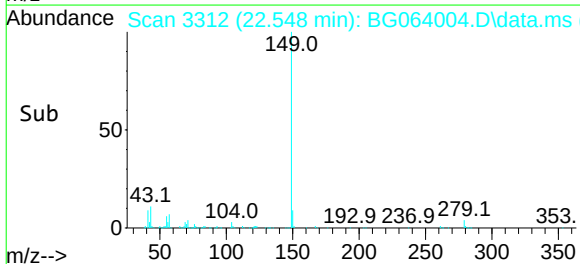
Tgt Ion:	149	Resp:	244179
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	15.2	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#86

Perylene-d12

Concen: 20.000 ng

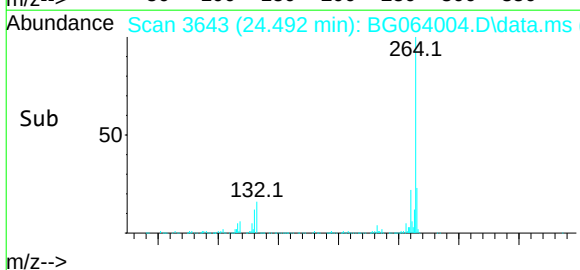
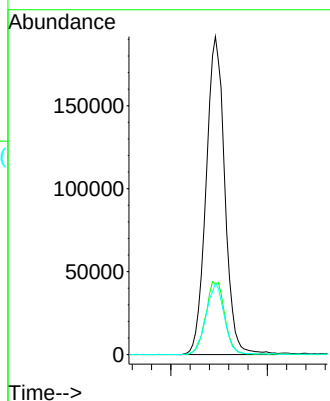
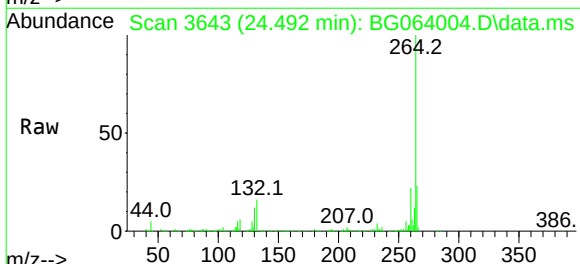
RT: 24.492 min Scan# 3643

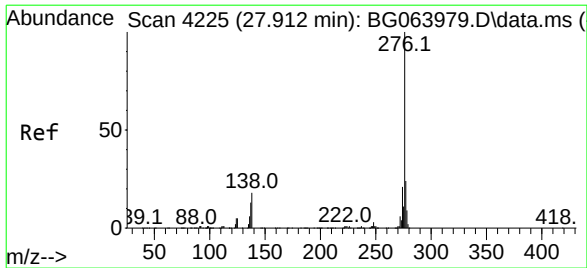
Delta R.T. -0.006 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Tgt Ion:	264	Resp:	516055
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.7	28.1
265	22.5	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.314 ng

RT: 27.888 min Scan# 42

Delta R.T. -0.023 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

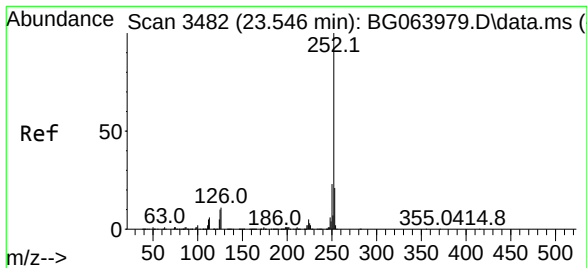
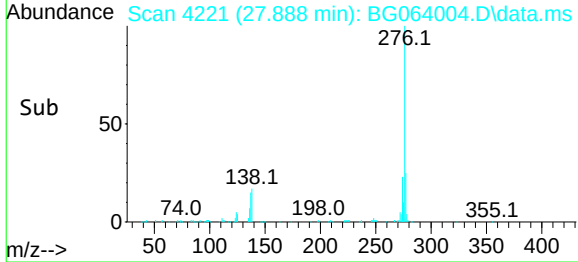
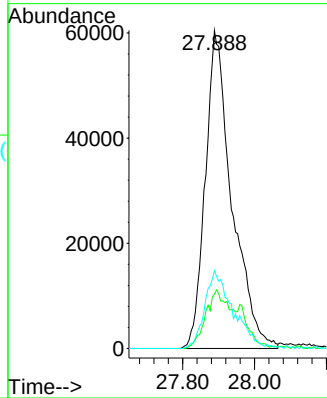
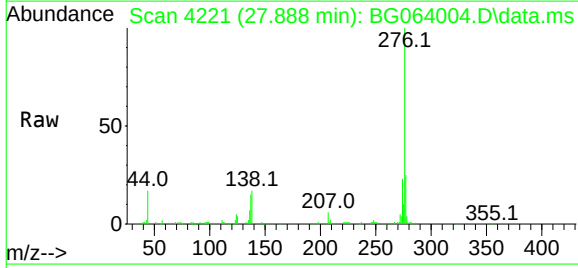
Tgt Ion:	276	Resp:	310069
Ion Ratio	Lower	Upper	
276	100		
138	16.7	10.7	16.1
277	25.7	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 9.206 ng

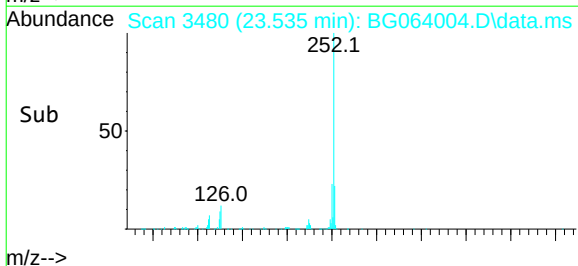
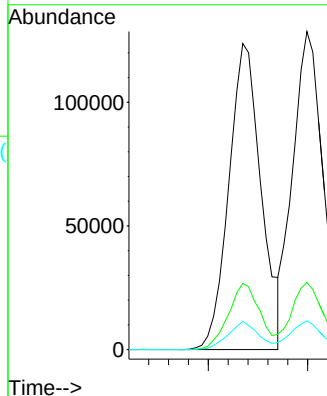
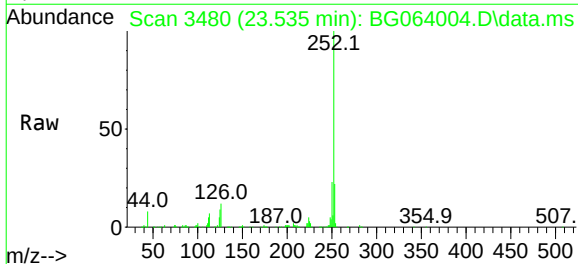
RT: 23.535 min Scan# 3480

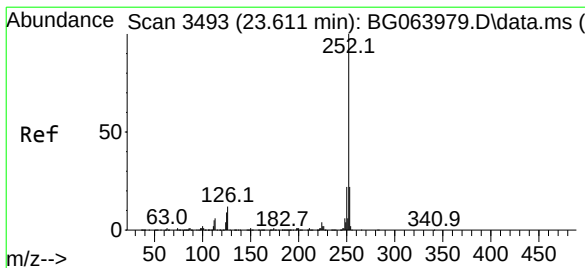
Delta R.T. -0.011 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Tgt Ion:	252	Resp:	279748
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.9	25.3
125	9.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 8.940 ng

RT: 23.599 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

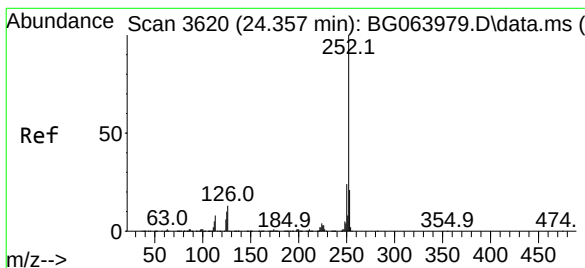
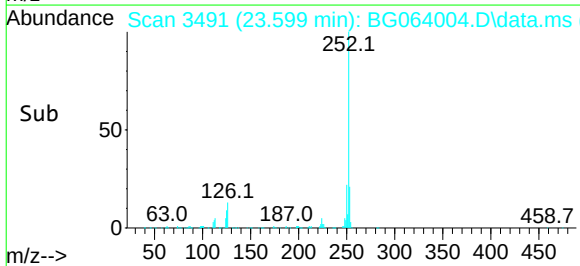
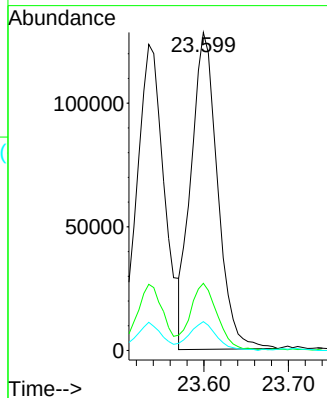
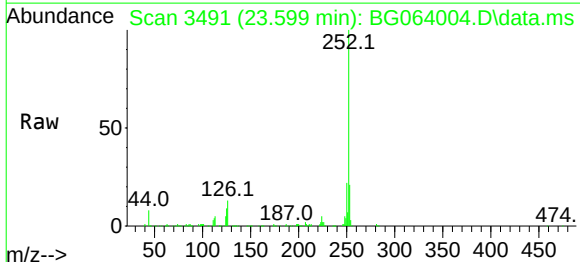
Tgt Ion:	252	Resp:	278944
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.7	26.5
125	9.1	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 9.377 ng

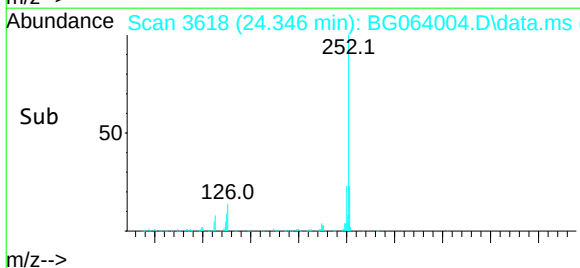
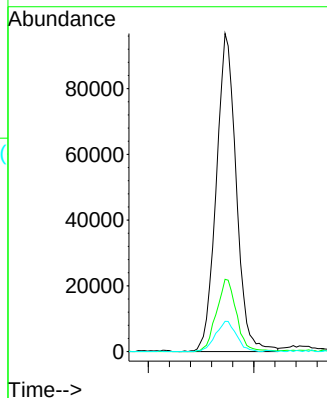
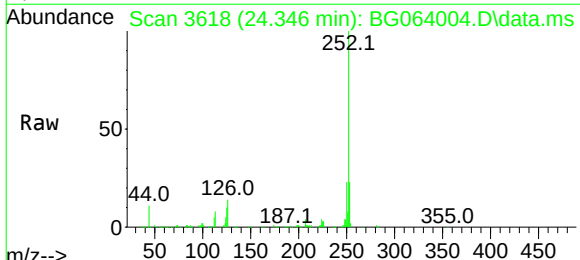
RT: 24.346 min Scan# 3618

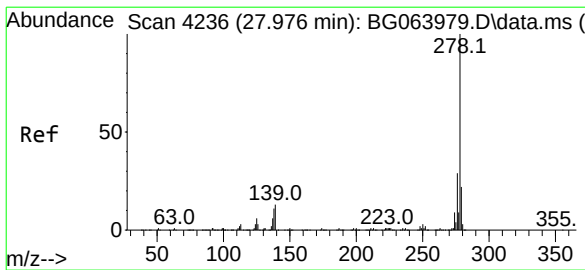
Delta R.T. -0.011 min

Lab File: BG064004.D

Acq: 5 Feb 2025 18:29

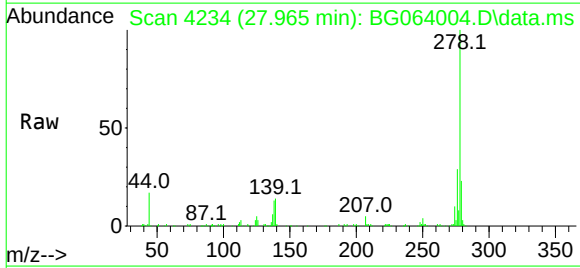
Tgt Ion:	252	Resp:	254340
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	9.5	7.9	11.9





#91
Dibenzo(a,h)anthracene
Concen: 9.145 ng
RT: 27.965 min Scan# 4236
Delta R.T. -0.011 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29

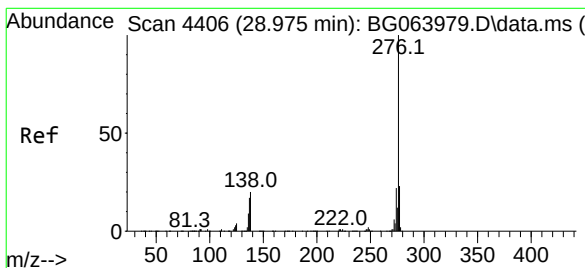
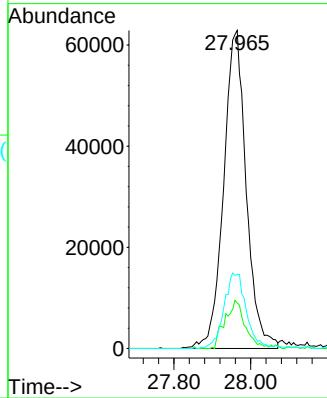
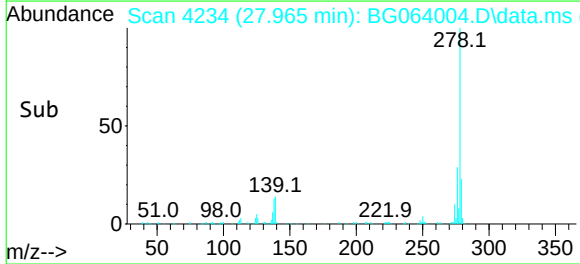
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



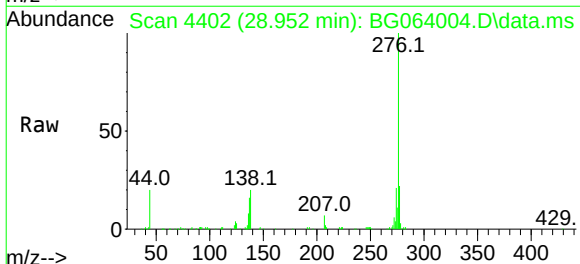
Tgt Ion:278 Resp: 257073
Ion Ratio Lower Upper
278 100
139 14.4 10.8 16.2
279 23.3 17.8 26.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 8.728 ng
RT: 28.952 min Scan# 4402
Delta R.T. -0.023 min
Lab File: BG064004.D
Acq: 5 Feb 2025 18:29



Tgt Ion:276 Resp: 247693
Ion Ratio Lower Upper
276 100
277 22.4 18.2 27.4
138 19.9 15.8 23.6

