

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064000.D
 Acq On : 5 Feb 2025 13:29
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 05 16:52:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 05 16:34:22 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	58313	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	268507	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	191677	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	442619	20.000	ng	0.00
76) Chrysene-d12	21.467	240	468936	20.000	ng	0.00
86) Perylene-d12	24.493	264	470338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	375772	103.319	ng	0.00
7) Phenol-d6	7.031	99	530121	106.212	ng	0.00
23) Nitrobenzene-d5	9.022	82	366683	82.997	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	226794	105.659	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	919184	73.474	ng	0.00
79) Terphenyl-d14	19.857	244	1646733	73.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	9518	5.510	ng	95
3) Pyridine	3.776	79	21240	4.554	ng	# 91
6) Aniline	7.195	93	29826	5.576	ng	93
8) 2-Chlorophenol	7.436	128	20937	5.649	ng	91
10) Phenol	7.060	94	28334	5.393	ng	89
11) bis(2-Chloroethyl)ether	7.295	93	22636	5.350	ng	97
12) 1,3-Dichlorobenzene	7.759	146	23073	5.232	ng	95
13) 1,4-Dichlorobenzene	7.906	146	23866	5.359	ng	95
14) 1,2-Dichlorobenzene	8.223	146	23420	5.486	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	48837	5.733	ng	99
17) 2-Methylphenol	8.306	107	17086	5.028	ng	# 82
18) Hexachloroethane	8.952	117	8031	5.479	ng	99
19) n-Nitroso-di-n-propyla...	8.670	70	19487	5.638	ng	# 99
22) Acetophenone	8.688	105	37675	5.107	ng	# 96
24) Nitrobenzene	9.058	77	27073	6.105	ng	# 89
25) Isophorone	9.581	82	53784	5.616	ng	98
26) 2-Nitrophenol	9.769	139	5819	6.298	ng	# 83
27) 2,4-Dimethylphenol	9.833	122	12734m	4.622	ng	
28) bis(2-Chloroethoxy)met...	10.074	93	32163	5.278	ng	96
29) 2,4-Dichlorophenol	10.303	162	17231	5.160	ng	98
30) 1,2,4-Trichlorobenzene	10.527	180	22960	5.073	ng	100
31) Naphthalene	10.709	128	71691	4.980	ng	# 93
33) 4-Chloroaniline	10.809	127	28400	5.149	ng	98
34) Hexachlorobutadiene	11.008	225	15125	5.247	ng	95
36) 4-Chloro-3-methylphenol	11.931	107	23522	5.334	ng	88
37) 2-Methylnaphthalene	12.319	142	51631	5.147	ng	98
38) 1-Methylnaphthalene	12.536	142	48055	4.841	ng	98
40) 1,2,4,5-Tetrachloroben...	12.689	216	28429	5.030	ng	98
43) 2,4,6-Trichlorophenol	12.924	196	14341	5.197	ng	97
44) 2,4,5-Trichlorophenol	12.988	196	16267	5.101	ng	# 87
46) 1,1'-Biphenyl	13.329	154	75870	5.199	ng	97
47) 2-Chloronaphthalene	13.370	162	53307	5.012	ng	97
48) 2-Nitroaniline	13.558	65	12600	5.280	ng	# 82
49) Acenaphthylene	14.216	152	86086	5.210	ng	98
50) Dimethylphthalate	13.952	163	68387	5.381	ng	99
51) 2,6-Dinitrotoluene	14.058	165	9962	4.987	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.557	154	55685	5.025	ng	98
53) 3-Nitroaniline	14.387	138	11448	5.014	ng	# 91
55) Dibenzofuran	14.892	168	88484	4.917	ng	93
57) 2,4-Dinitrotoluene	14.845	165	12801	4.978	ng	# 98
58) Fluorene	15.544	166	71494	5.140	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.115	232	15177	5.130	ng	98
60) Diethylphthalate	15.321	149	72557	5.385	ng	97
61) 4-Chlorophenyl-phenyle...	15.538	204	36367	5.211	ng	94
62) 4-Nitroaniline	15.544	138	11878	4.633	ng	93
63) Azobenzene	15.832	77	77581	4.875	ng	98
66) n-Nitrosodiphenylamine	15.750	169	60859	4.959	ng	98
67) 4-Bromophenyl-phenylether	16.431	248	22851	5.187	ng	94
68) Hexachlorobenzene	16.543	284	28132	5.431	ng	96
69) Atrazine	16.696	200	21356	5.229	ng	98
71) Phenanthrene	17.277	178	122241	5.258	ng	97
72) Anthracene	17.366	178	111038	4.773	ng	98
73) Carbazole	17.630	167	110447	5.072	ng	100
74) Di-n-butylphthalate	18.212	149	120884	5.326	ng	99
75) Fluoranthene	19.287	202	142909	5.048	ng	96
78) Pyrene	19.645	202	163197	5.637	ng	99
80) Butylbenzylphthalate	20.550	149	43174	5.318	ng	99
81) Benzo(a)anthracene	21.449	228	157112	5.277	ng	97
82) 3,3'-Dichlorobenzidine	21.373	252	47166	5.087	ng	92
83) Chrysene	21.508	228	154956	5.230	ng	97
84) Bis(2-ethylhexyl)phtha...	21.390	149	73064	5.416	ng	# 99
85) Di-n-octyl phthalate	22.542	149	113689	10.607	ng	# 97
87) Indeno(1,2,3-cd)pyrene	27.883	276	166782	5.497	ng	97
88) Benzo(b)fluoranthene	23.535	252	145700	5.261	ng	98
89) Benzo(k)fluoranthene	23.599	252	138699	4.877	ng	99
90) Benzo(a)pyrene	24.340	252	130921	5.296	ng	99
91) Dibenzo(a,h)anthracene	27.959	278	130669	5.100	ng	97
92) Benzo(g,h,i)perylene	28.940	276	129442	5.004	ng	98

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

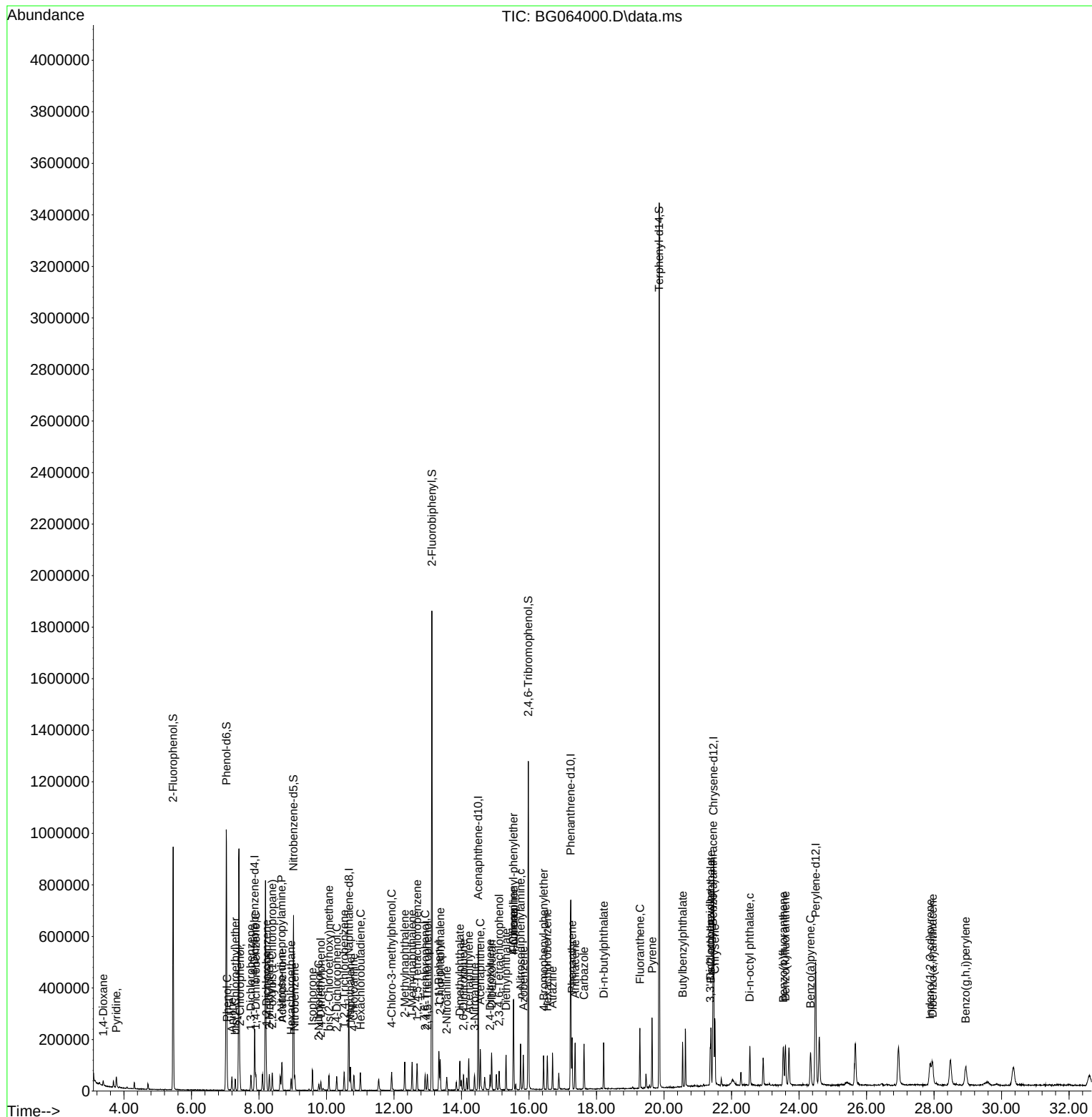
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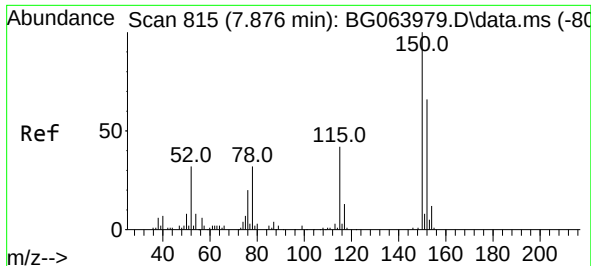
Instrument :
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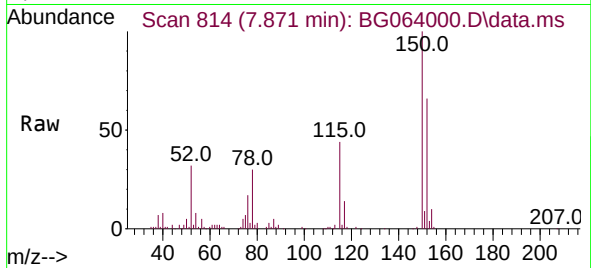
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

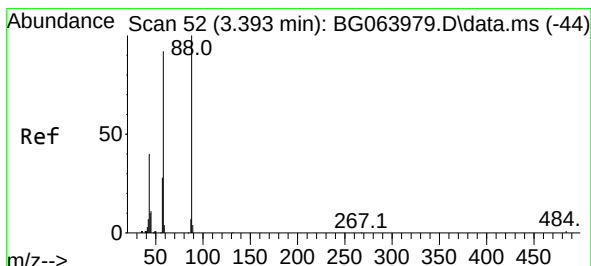
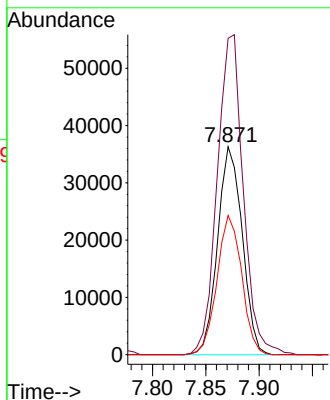
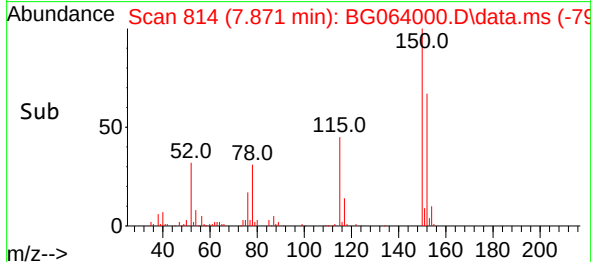
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:152 Resp: 5831
Ion Ratio Lower Upper
152 100
150 152.1 121.0 181.6
115 66.9 50.4 75.6

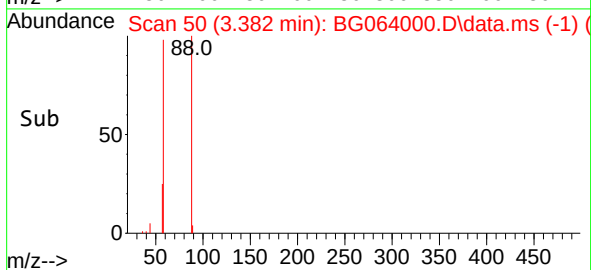
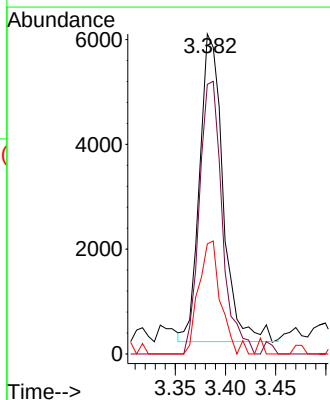
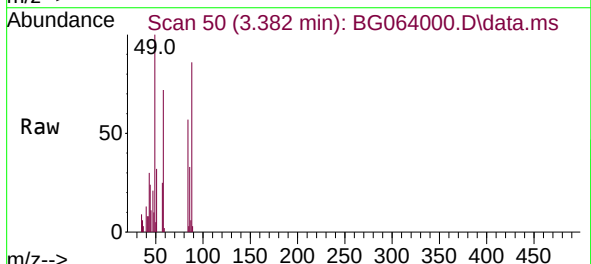
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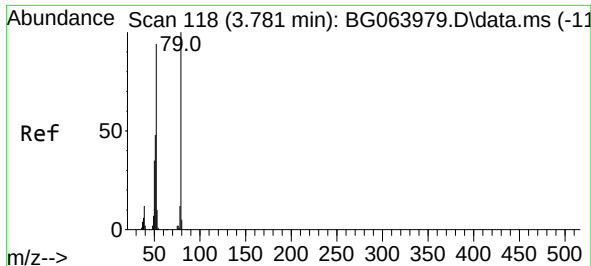
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 5.510 ng
RT: 3.382 min Scan# 50
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion: 88 Resp: 9518
Ion Ratio Lower Upper
88 100
58 86.5 71.8 107.8
43 34.6 31.2 46.8





#3

Pyridine

Concen: 4.554 ng

RT: 3.776 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG064000.D

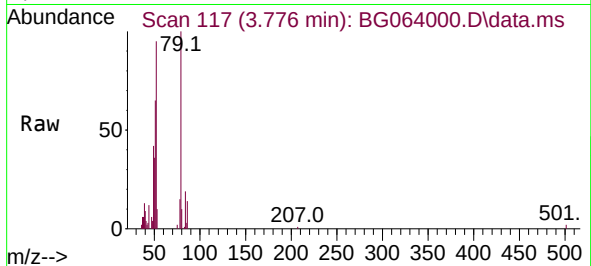
Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025



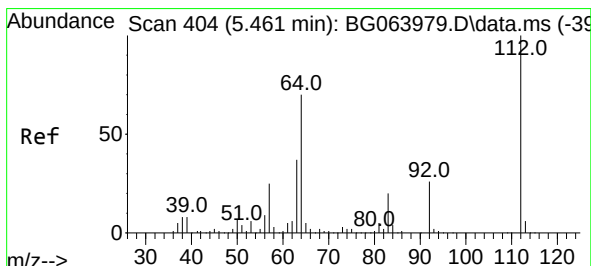
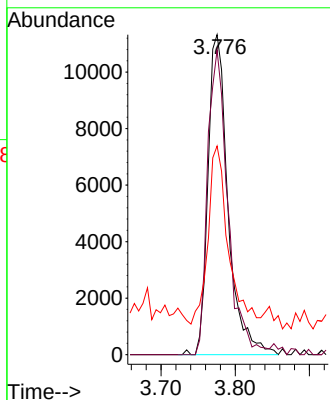
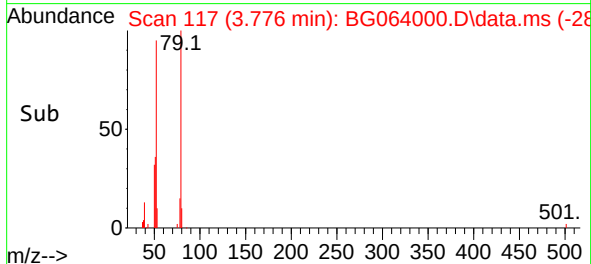
Tgt Ion: 79 Resp: 21240

Ion	Ratio	Lower	Upper
79	100		
52	95.2	75.1	112.7
51	65.2	38.9	58.3

Manual Integrations
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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#5

2-Fluorophenol

Concen: 103.319 ng

RT: 5.456 min Scan# 403

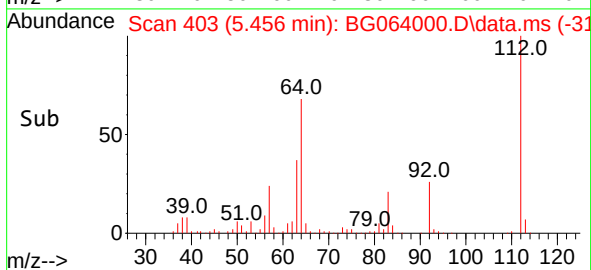
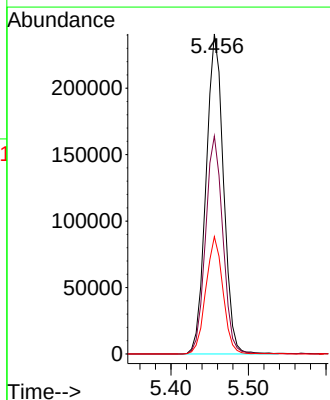
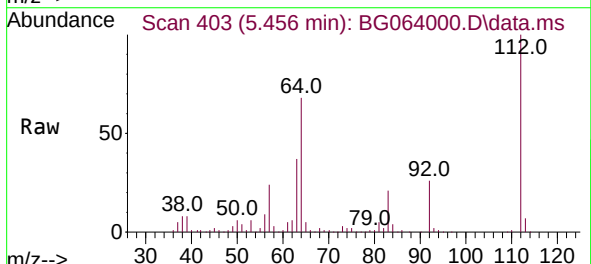
Delta R.T. -0.005 min

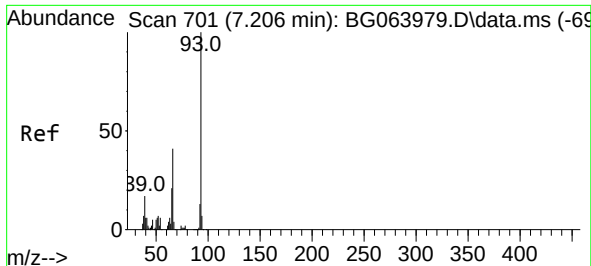
Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion:112 Resp: 375772

Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.8	83.8
63	36.6	29.3	43.9





#6

Aniline

Concen: 5.576 ng

RT: 7.195 min Scan# 699

Delta R.T. -0.011 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

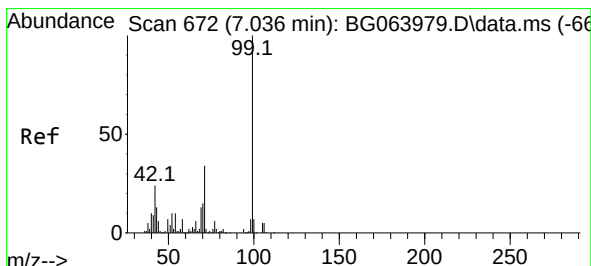
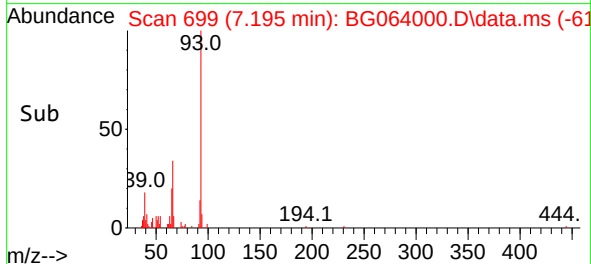
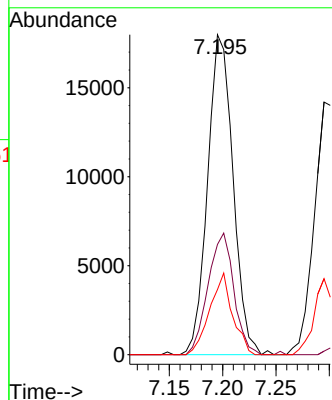
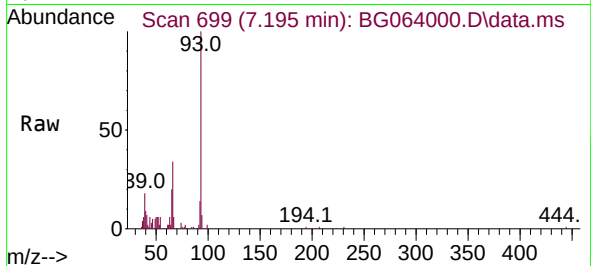
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 93	Resp: 29820
Ion Ratio	Lower Upper
93 100	
66 34.5	32.5 48.7
65 20.4	16.6 25.0

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Supervised By :mohammad ahmed 02/06/2025



#7

Phenol-d6

Concen: 106.212 ng

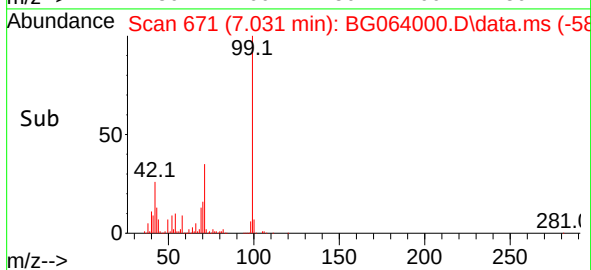
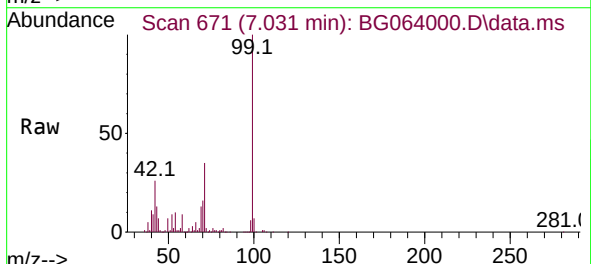
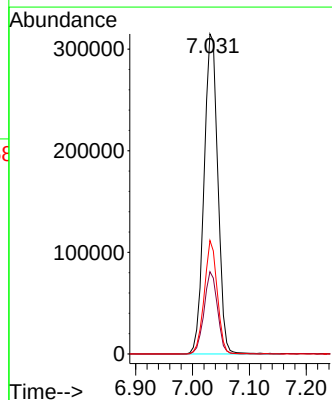
RT: 7.031 min Scan# 671

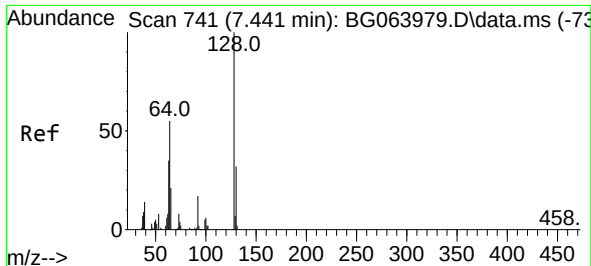
Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

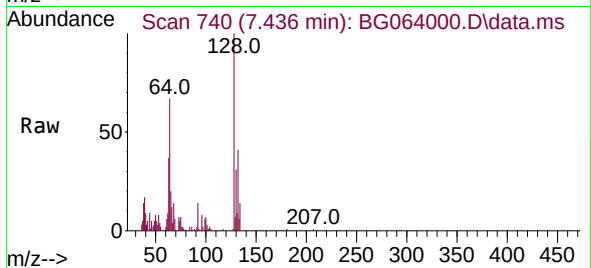
Tgt Ion: 99	Resp: 530121
Ion Ratio	Lower Upper
99 100	
42 25.7	18.9 28.3
71 35.5	27.0 40.6





#8
2-Chlorophenol
Concen: 5.649 ng
RT: 7.436 min Scan# 741
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

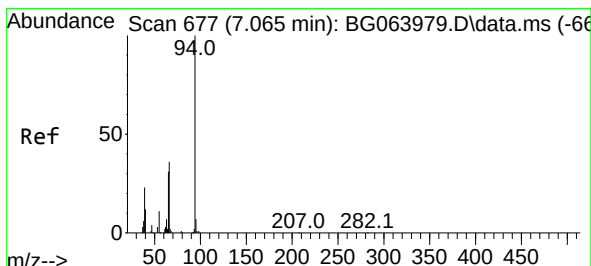
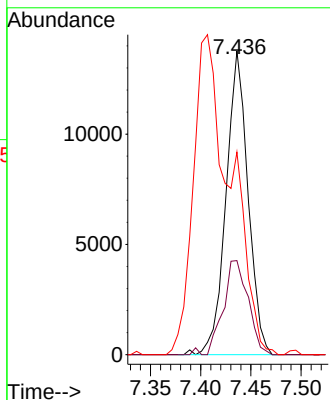
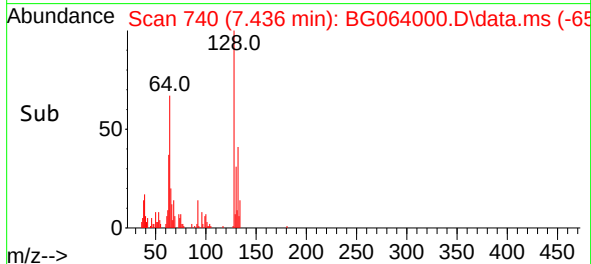
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ClientSampleId :
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Tgt Ion:128 Resp: 2093
Ion Ratio Lower Upper
128 100
130 31.0 11.9 51.9
64 66.7 36.8 76.8

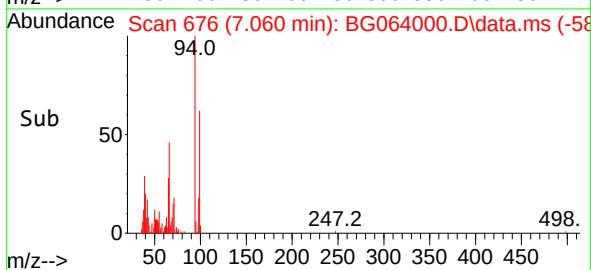
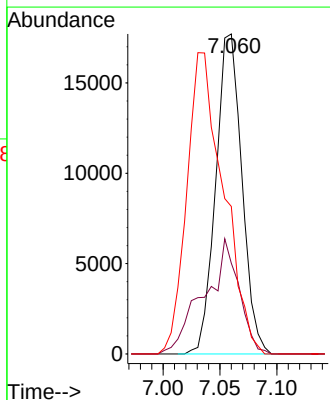
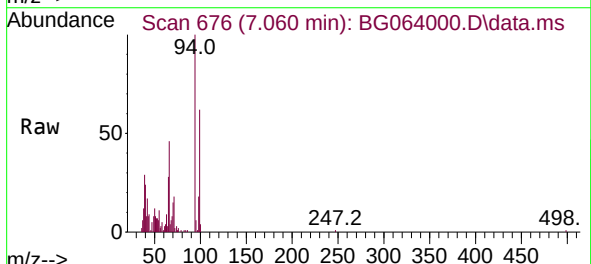
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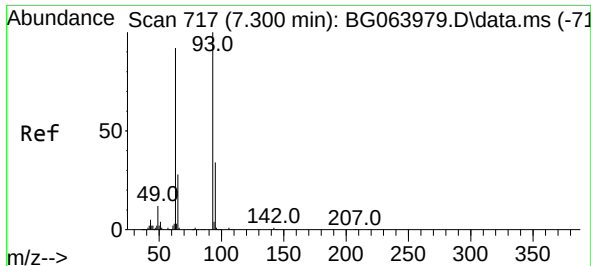
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 5.393 ng
RT: 7.060 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

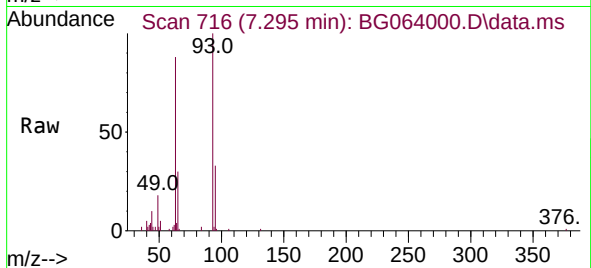
Tgt Ion: 94 Resp: 28334
Ion Ratio Lower Upper
94 100
65 28.4 11.4 51.4
66 46.1 16.7 56.7





#11
bis(2-Chloroethyl)ether
Concen: 5.350 ng
RT: 7.295 min Scan# 716
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

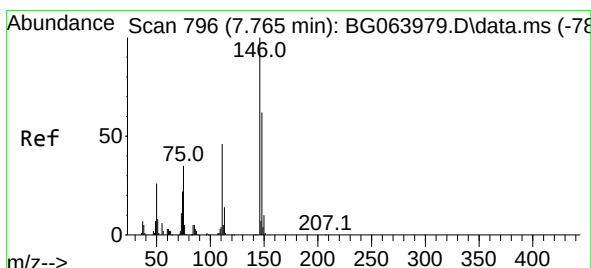
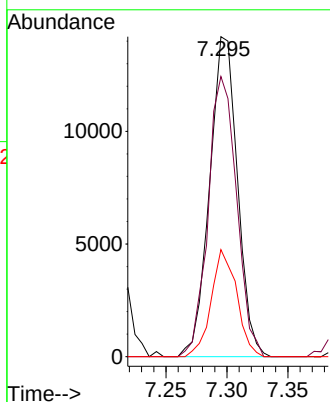
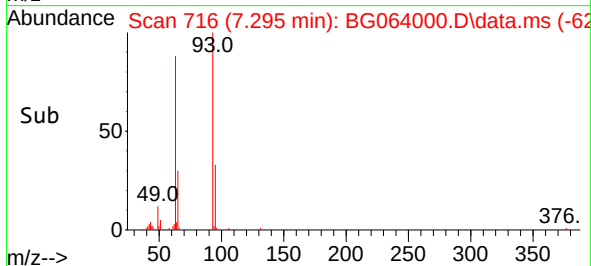
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 93 Resp: 22630
Ion Ratio Lower Upper
93 100
63 87.5 71.2 111.2
95 33.4 13.9 53.9

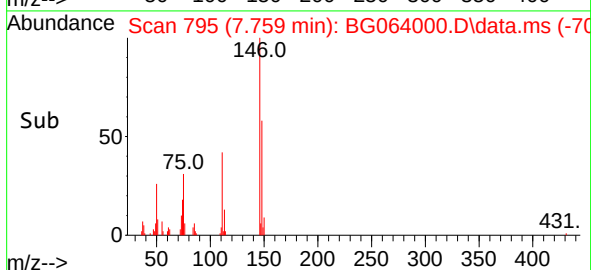
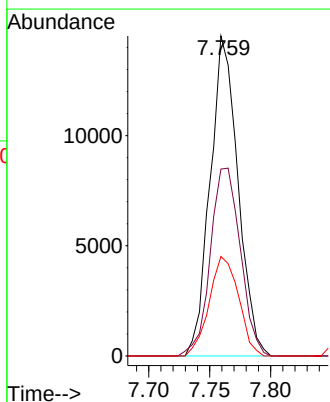
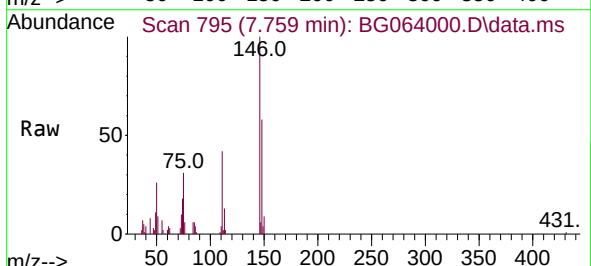
Manual Integrations
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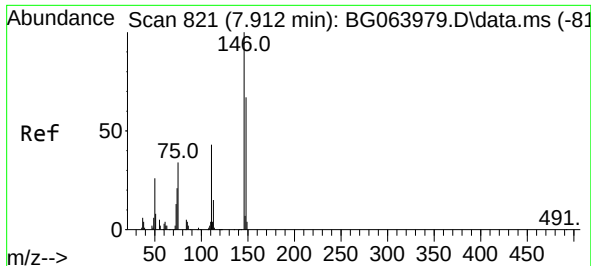
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.232 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

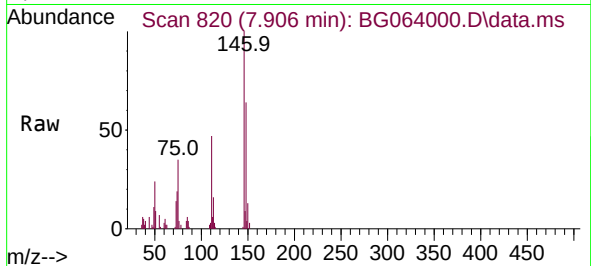
Tgt Ion:146 Resp: 23073
Ion Ratio Lower Upper
146 100
148 58.4 49.6 74.4
75 31.1 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 5.359 ng
RT: 7.906 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

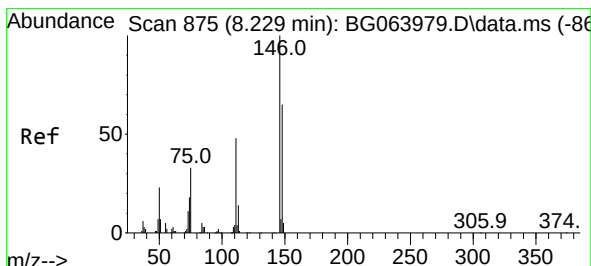
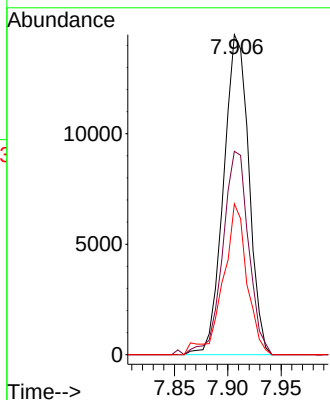
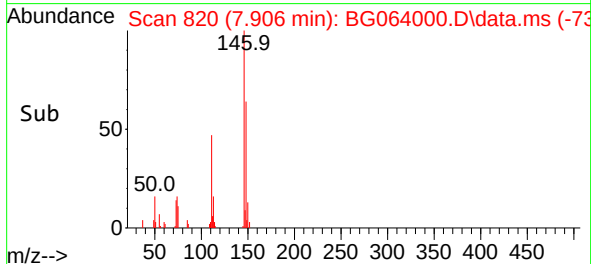
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:146 Resp: 2386
Ion Ratio Lower Upper
146 100
148 63.6 53.3 79.9
111 47.2 34.8 52.2

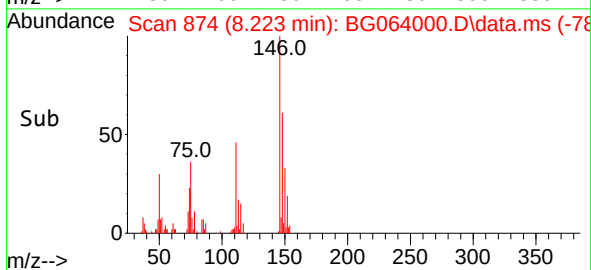
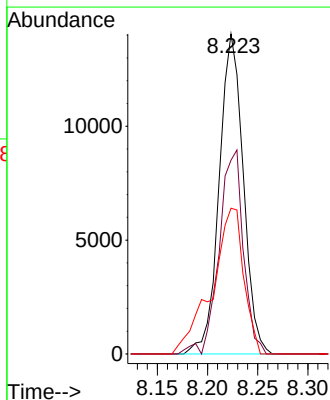
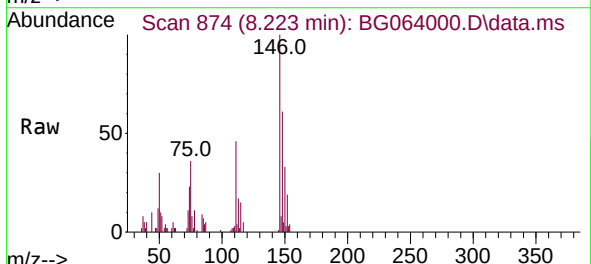
Manual Integrations
APPROVED

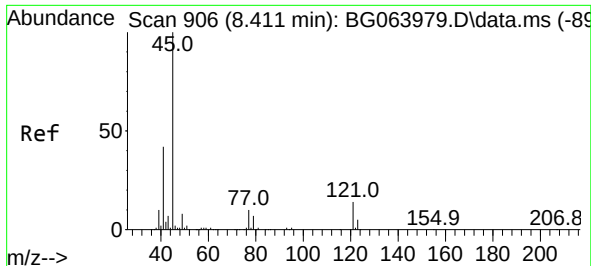
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 5.486 ng
RT: 8.223 min Scan# 874
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

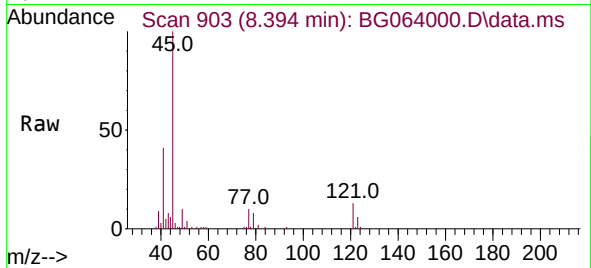
Tgt Ion:146 Resp: 23420
Ion Ratio Lower Upper
146 100
148 60.6 52.0 78.0
111 45.6 38.2 57.2





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.733 ng
RT: 8.394 min Scan# 906
Delta R.T. -0.017 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

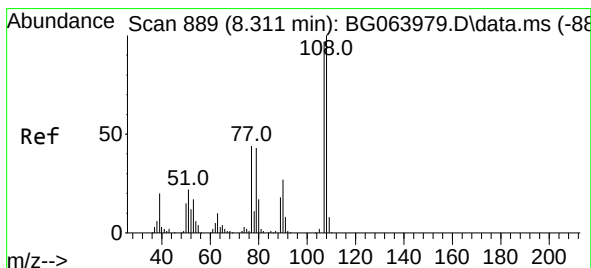
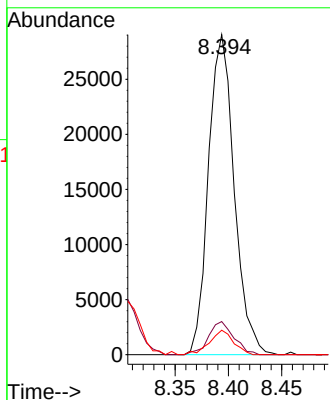
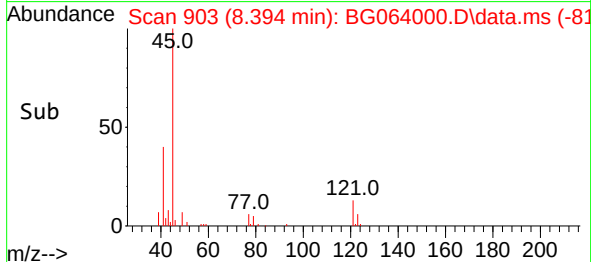
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 45 Resp: 4883
Ion Ratio Lower Upper
45 100
77 10.3 0.0 29.8
79 7.7 0.0 27.7

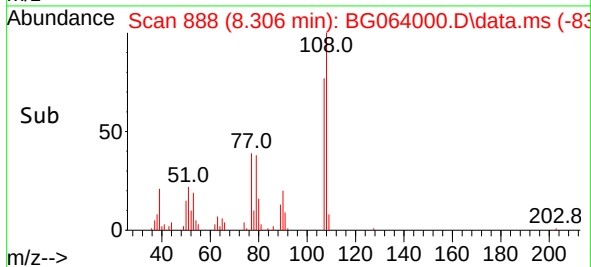
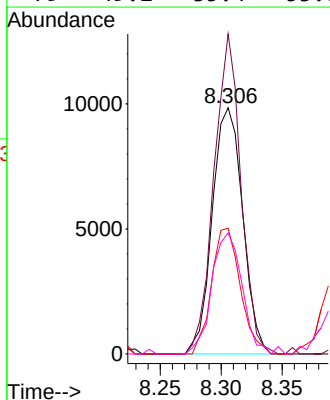
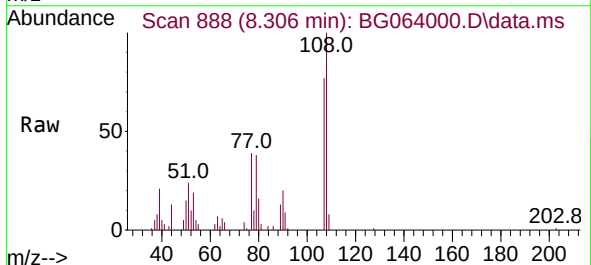
Manual Integrations
APPROVED

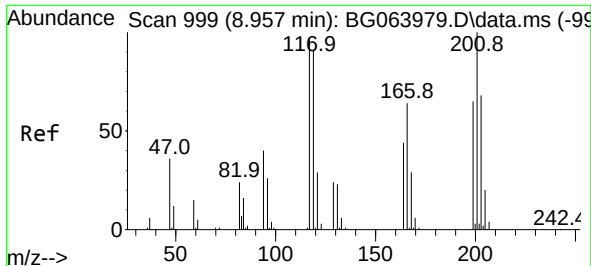
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#17
2-Methylphenol
Concen: 5.028 ng
RT: 8.306 min Scan# 888
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

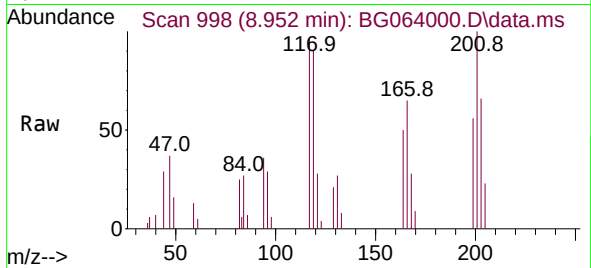
Tgt Ion:107 Resp: 17086
Ion Ratio Lower Upper
107 100
108 129.9 82.9 124.3#
77 51.1 36.4 54.6
79 49.2 35.4 53.0





#18
Hexachloroethane
Concen: 5.479 ng
RT: 8.952 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

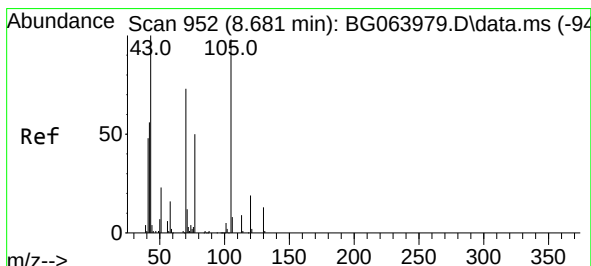
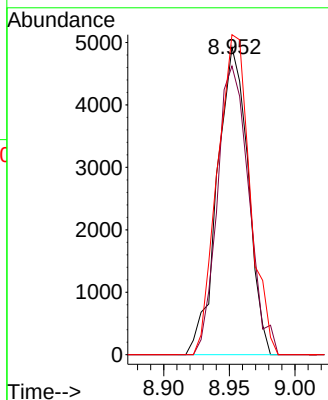
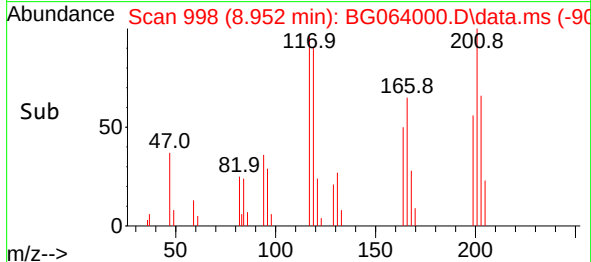
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:117 Resp: 803
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
201 104.1 82.4 123.6

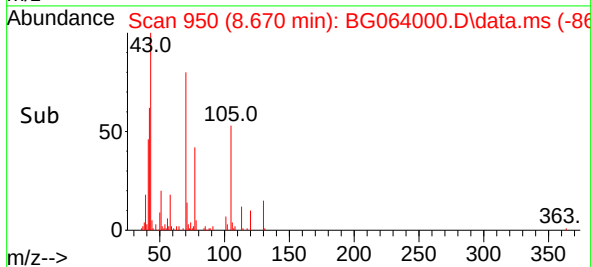
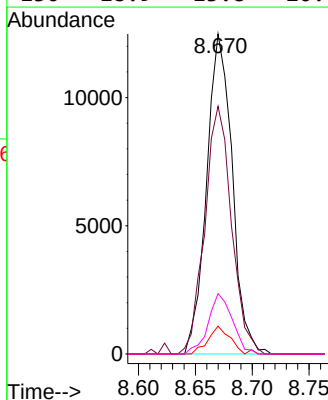
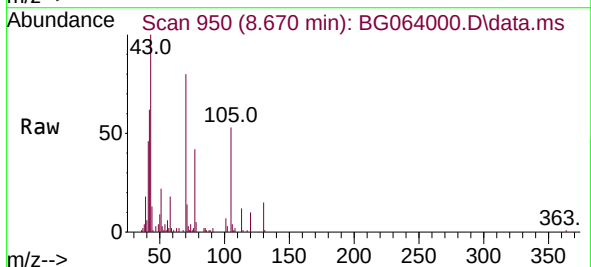
Manual Integrations
APPROVED

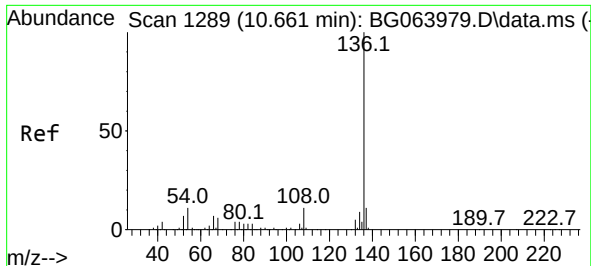
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.638 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

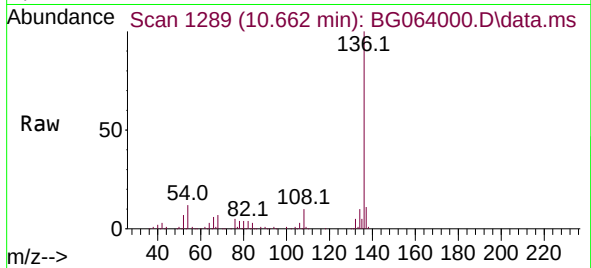
Tgt Ion: 70 Resp: 19487
Ion Ratio Lower Upper
70 100
42 77.4 62.2 93.4
101 8.7 5.6 8.4#
130 18.9 13.8 20.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

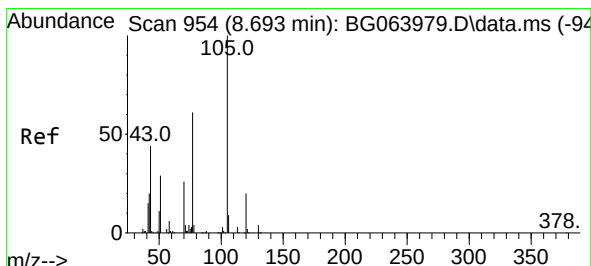
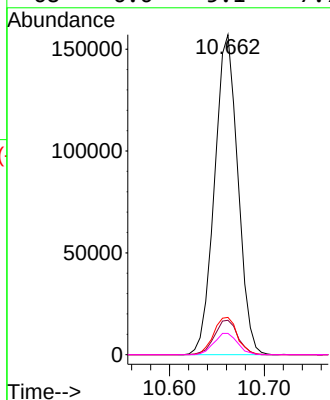
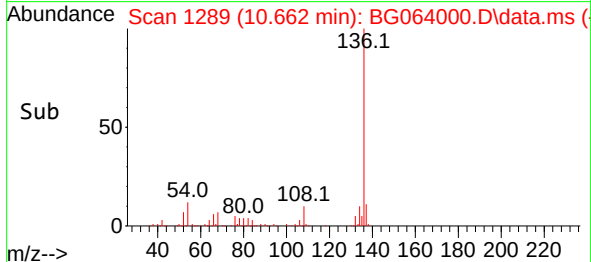
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:	136	Resp:	26850
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	11.7	9.2	13.8
68	6.6	5.1	7.7

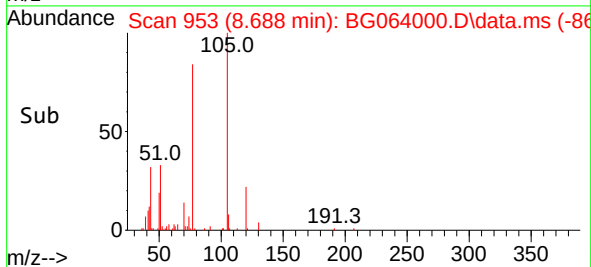
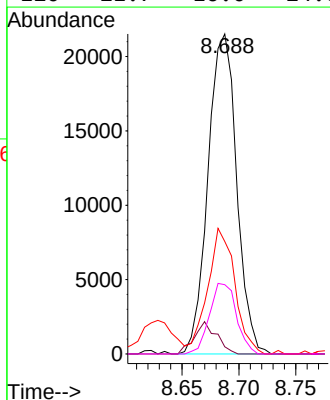
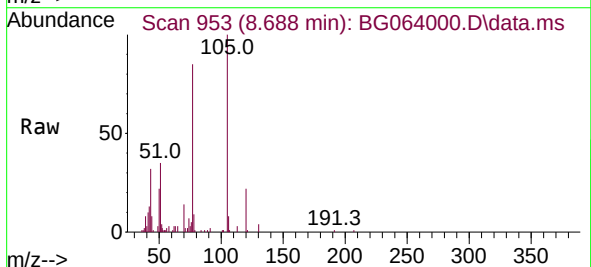
Manual Integrations
APPROVED

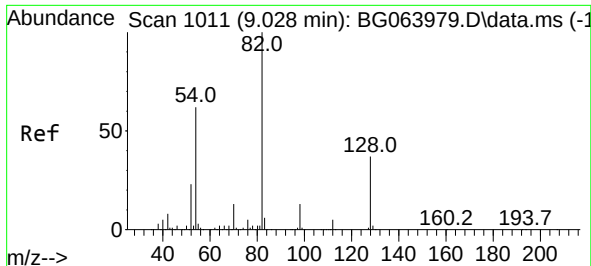
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 5.107 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:	105	Resp:	37675
Ion Ratio	Lower	Upper	
105	100		
71	2.3	3.1	4.7#
51	35.1	29.9	44.9
120	21.7	16.0	24.0





#23

Nitrobenzene-d5

Concen: 82.997 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

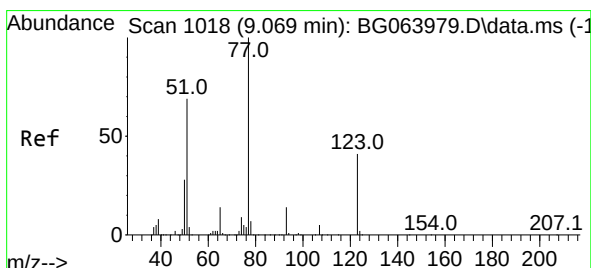
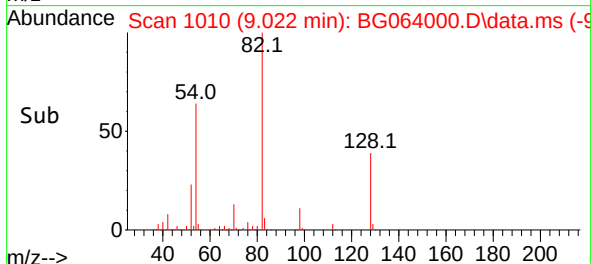
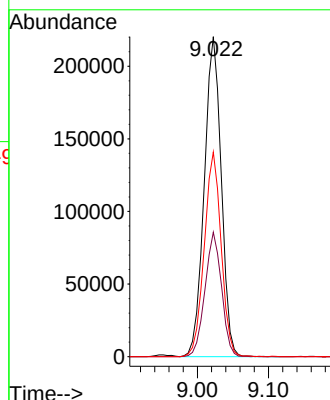
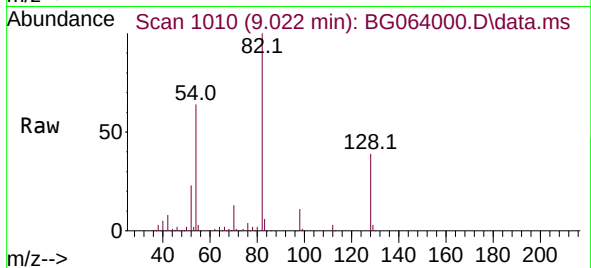
LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 36668

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.4	44.2
54	64.0	49.9	74.9

Manual Integrations
APPROVED

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



#24

Nitrobenzene

Concen: 6.105 ng

RT: 9.058 min Scan# 1016

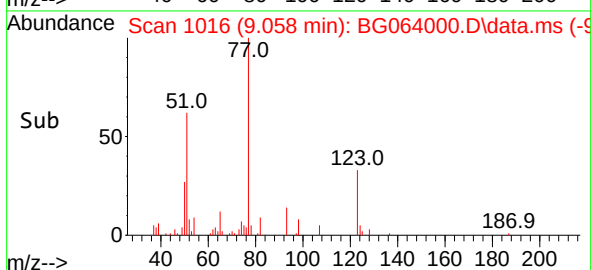
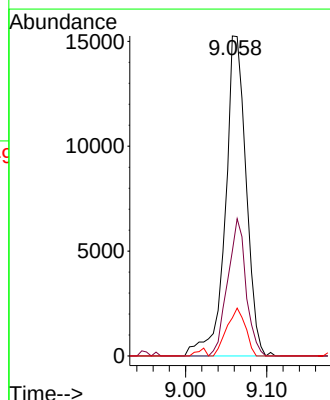
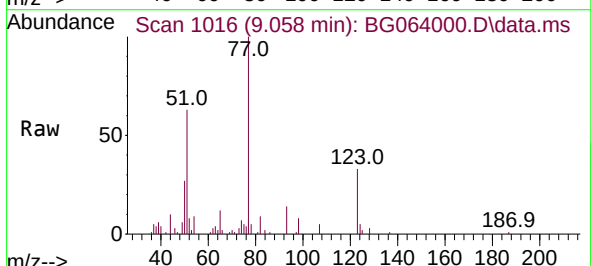
Delta R.T. -0.011 min

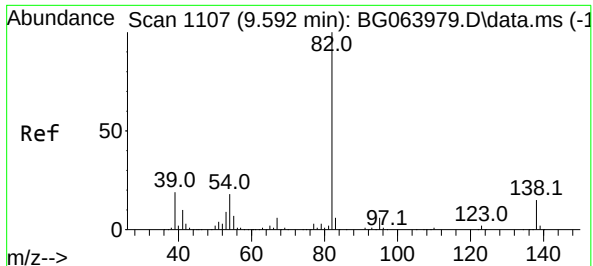
Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion: 77 Resp: 27073

Ion	Ratio	Lower	Upper
77	100		
123	32.8	32.9	49.3#
65	11.9	11.0	16.6





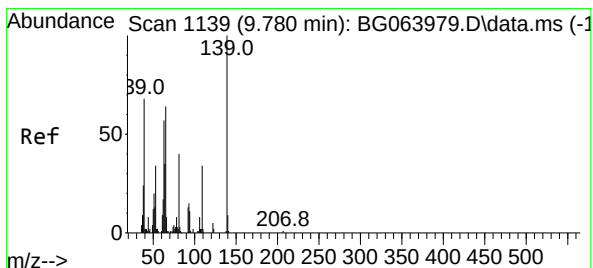
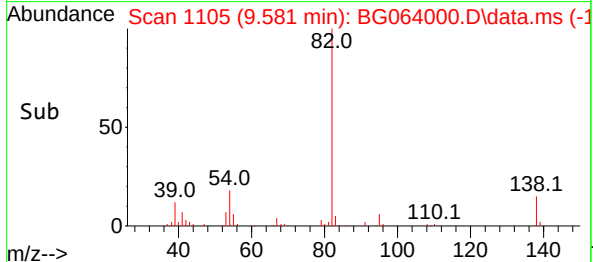
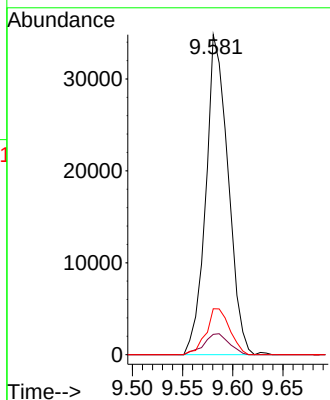
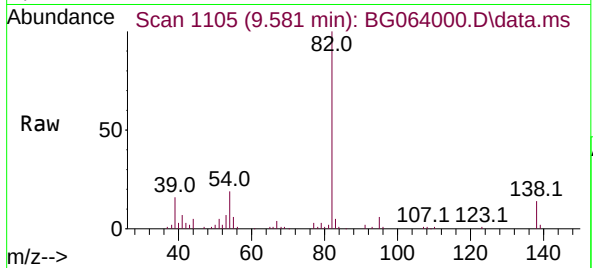
#25
Isophorone
Concen: 5.616 ng
RT: 9.581 min Scan# 1105
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 53784
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.4
138 14.4 12.2 18.4

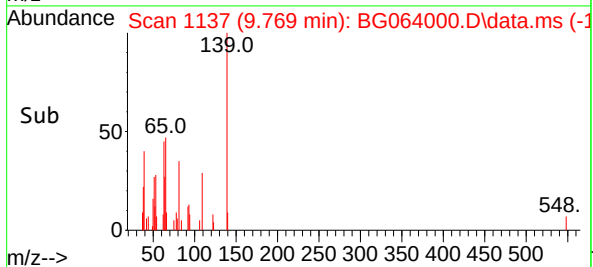
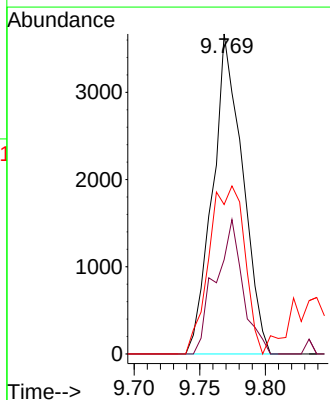
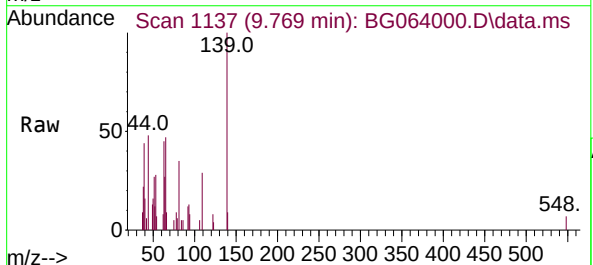
Manual Integrations
APPROVED

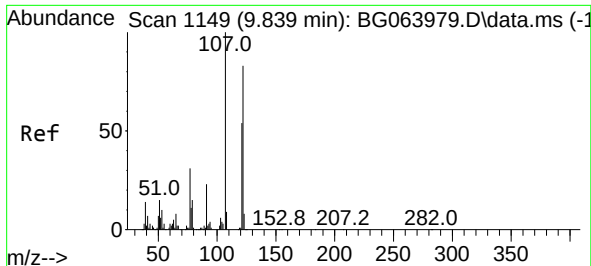
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 6.298 ng
RT: 9.769 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:139 Resp: 5819
Ion Ratio Lower Upper
139 100
109 29.4 27.1 40.7
65 46.7 51.0 76.6#





#27

2,4-Dimethylphenol

Concen: 4.622 ng m

RT: 9.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

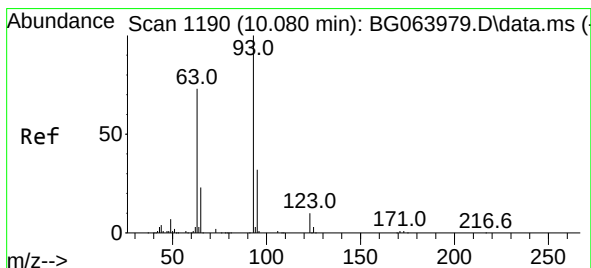
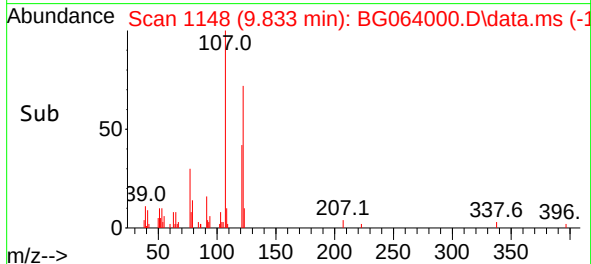
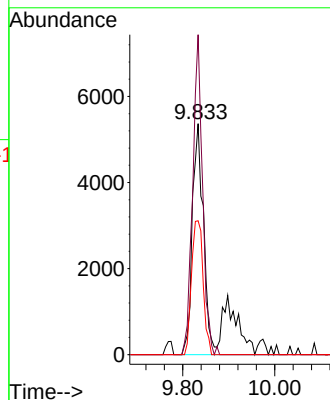
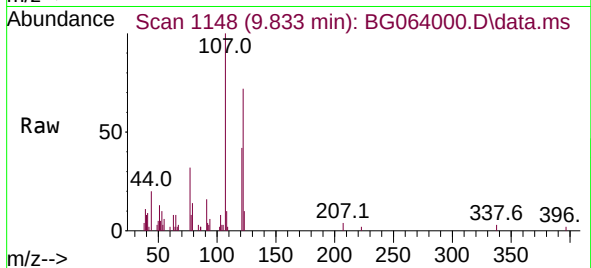
Tgt Ion:122 Resp: 12734
 Ion Ratio Lower Upper
 122 100
 107 138.5 96.4 144.6
 121 58.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.278 ng

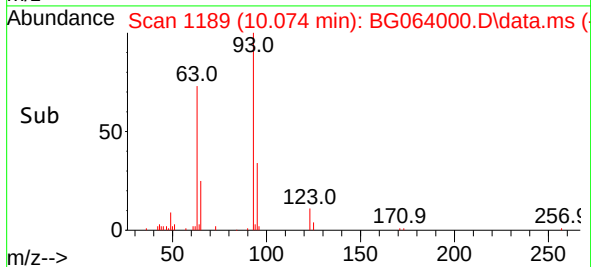
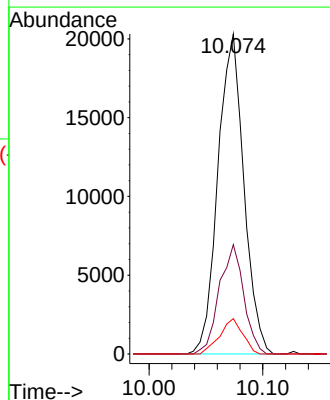
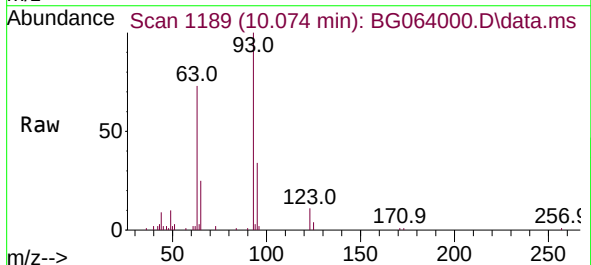
RT: 10.074 min Scan# 1189

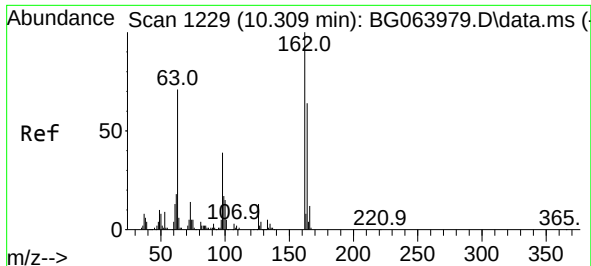
Delta R.T. -0.006 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion: 93 Resp: 32163
 Ion Ratio Lower Upper
 93 100
 95 34.2 25.4 38.2
 123 11.1 7.8 11.6





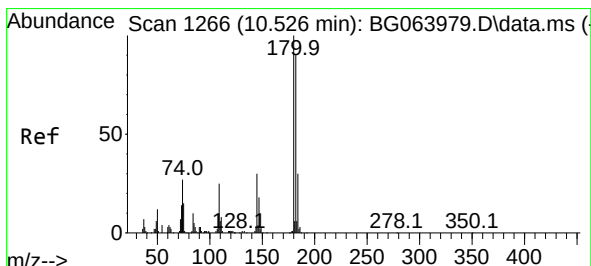
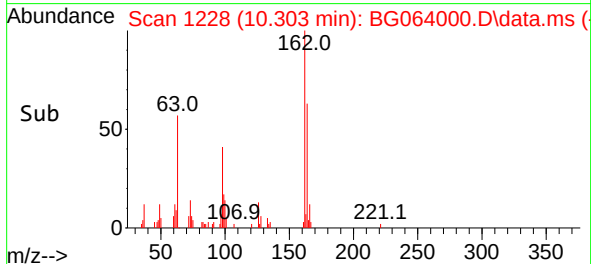
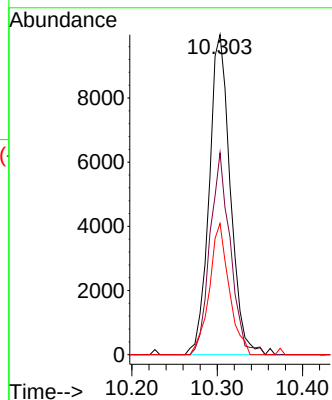
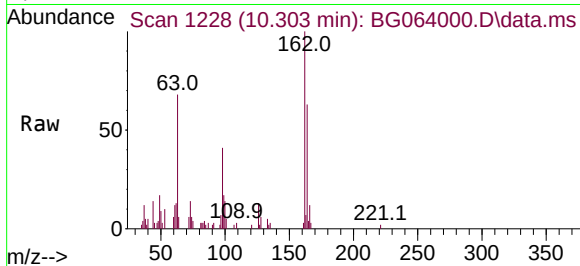
#29
2,4-Dichlorophenol
Concen: 5.160 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:162 Resp: 1723
Ion Ratio Lower Upper
162 100
164 63.1 43.6 83.6
98 41.0 18.6 58.6

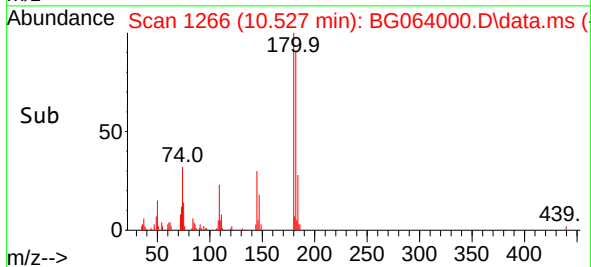
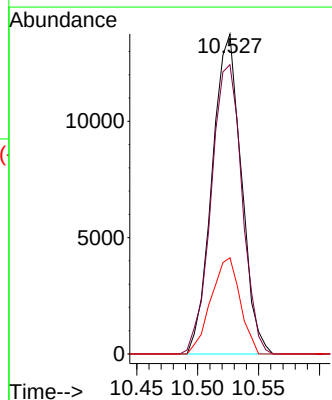
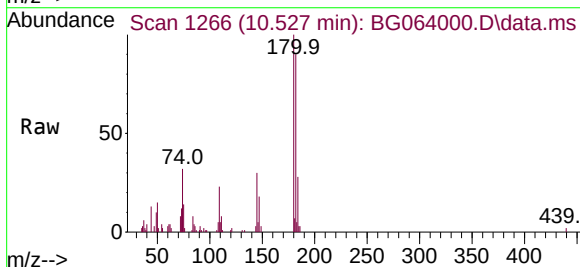
Manual Integrations
APPROVED

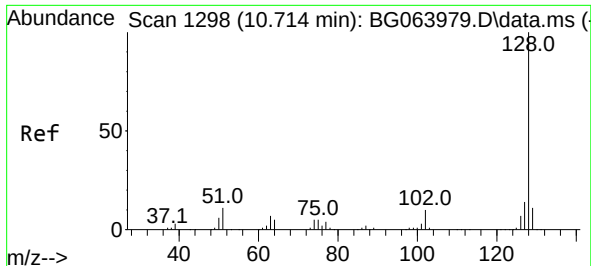
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.073 ng
RT: 10.527 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

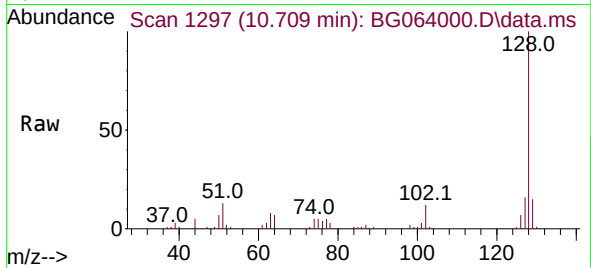
Tgt Ion:180 Resp: 22960
Ion Ratio Lower Upper
180 100
182 90.4 72.3 108.5
145 30.0 23.8 35.8





#31
Naphthalene
Concen: 4.980 ng
RT: 10.709 min Scan# 1298
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

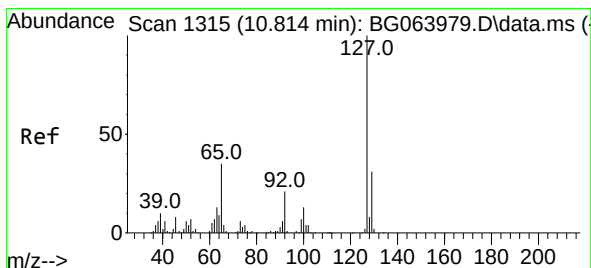
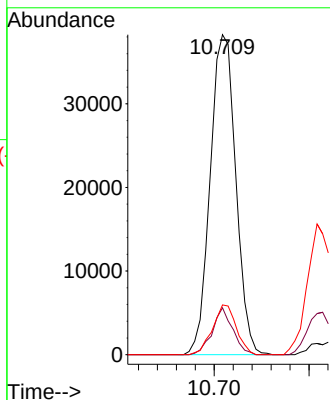
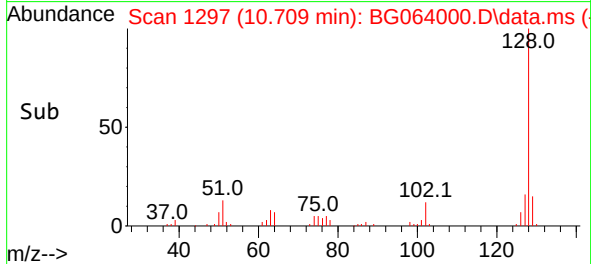
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:128 Resp: 7169
Ion Ratio Lower Upper
128 100
129 14.6 8.8 13.2
127 15.6 10.8 16.2

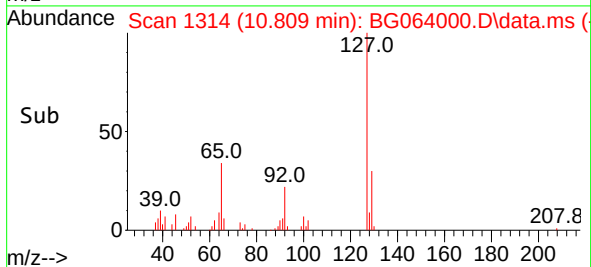
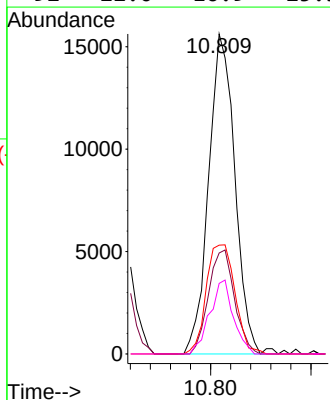
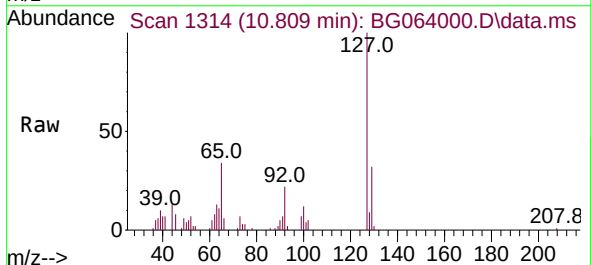
Manual Integrations
APPROVED

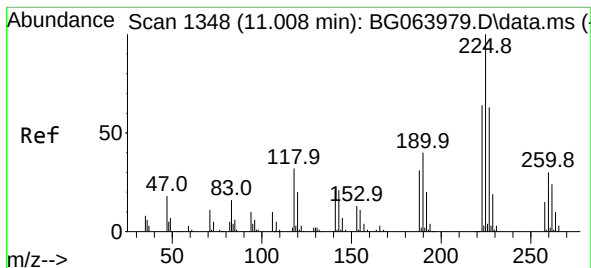
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#33
4-Chloroaniline
Concen: 5.149 ng
RT: 10.809 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

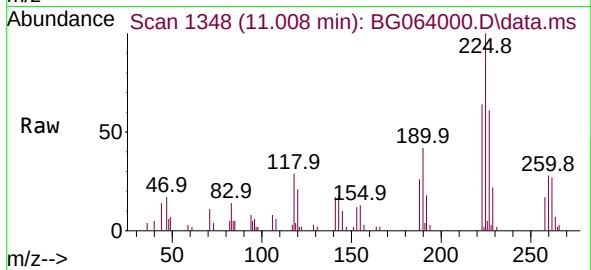
Tgt Ion:127 Resp: 28400
Ion Ratio Lower Upper
127 100
129 31.5 24.9 37.3
65 34.0 28.2 42.4
92 22.0 16.9 25.3





#34
Hexachlorobutadiene
Concen: 5.247 ng
RT: 11.008 min Scan# 11008
Delta R.T. 0.000 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

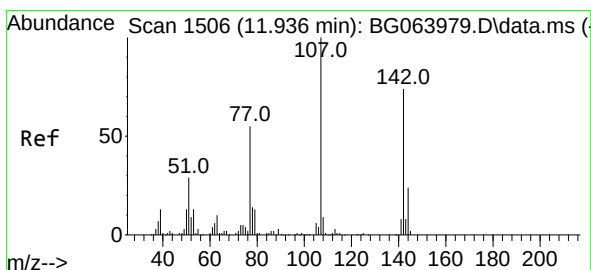
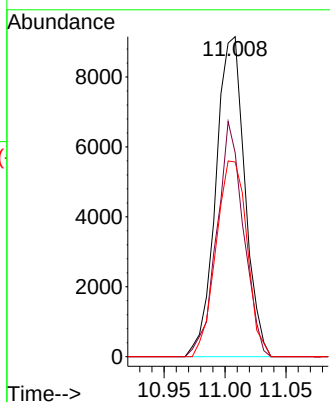
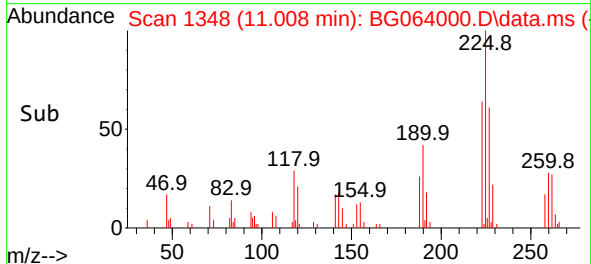
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:225 Resp: 15129
Ion Ratio Lower Upper
225 100
223 60.5 51.0 76.6
227 57.8 50.3 75.5

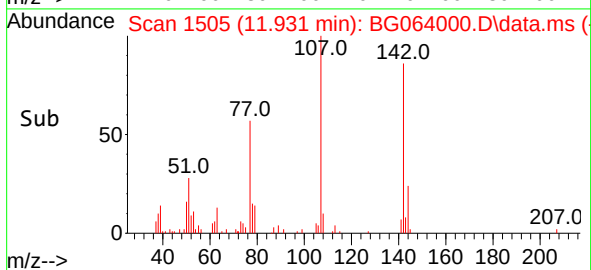
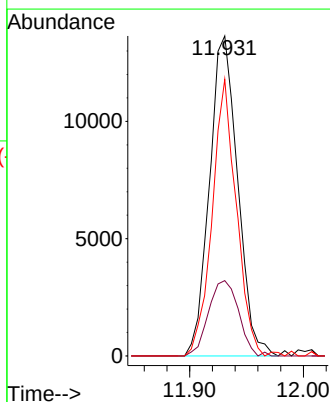
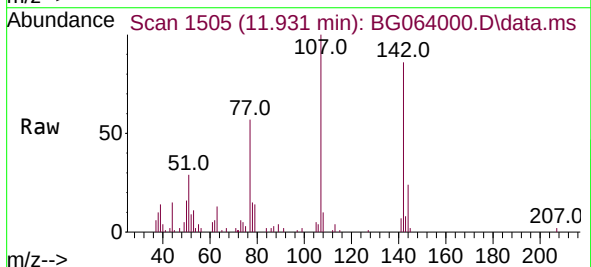
Manual Integrations
APPROVED

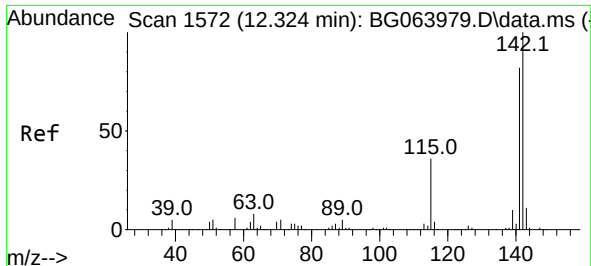
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 5.334 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

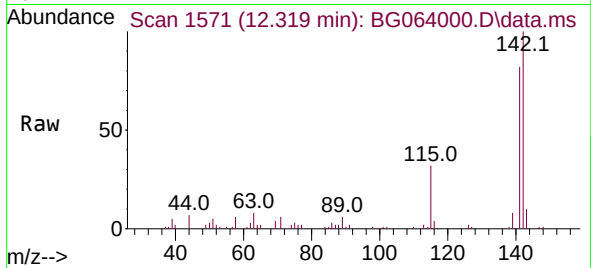
Tgt Ion:107 Resp: 23522
Ion Ratio Lower Upper
107 100
144 23.5 19.2 28.8
142 86.4 58.9 88.3





#37
2-Methylnaphthalene
Concen: 5.147 ng
RT: 12.319 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

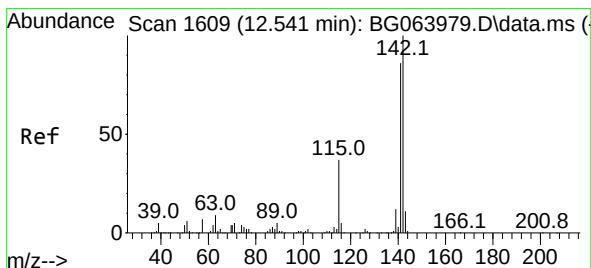
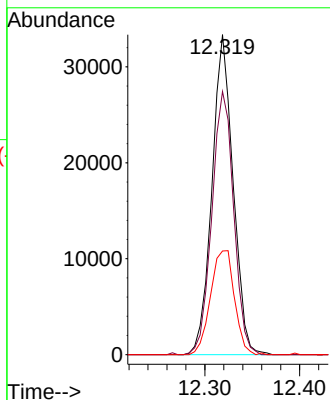
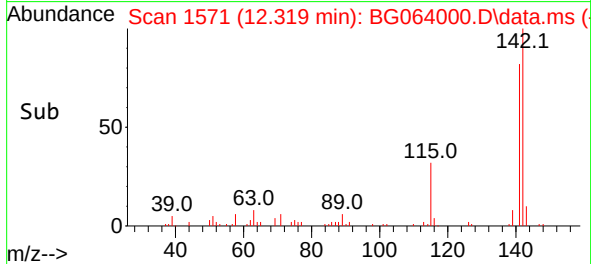
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



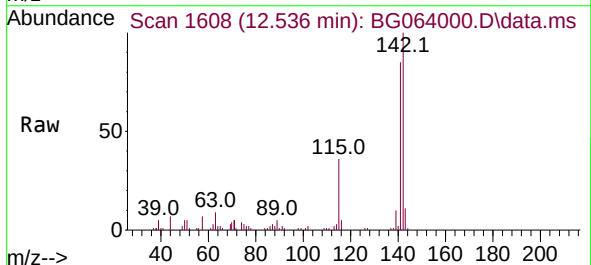
Tgt Ion:142 Resp: 5163
Ion Ratio Lower Upper
142 100
141 82.2 65.8 98.8
115 32.4 28.9 43.3

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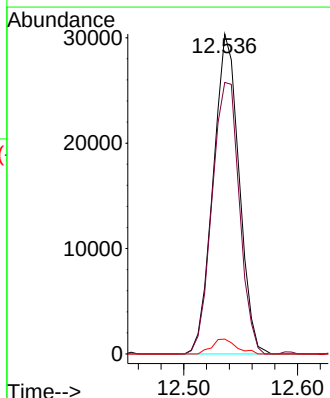
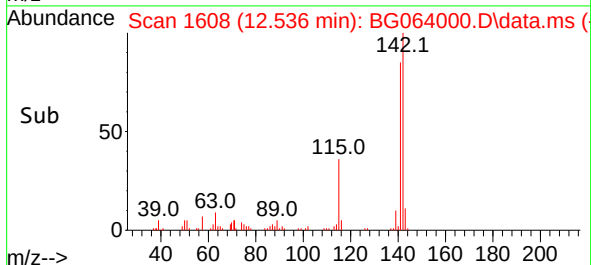
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

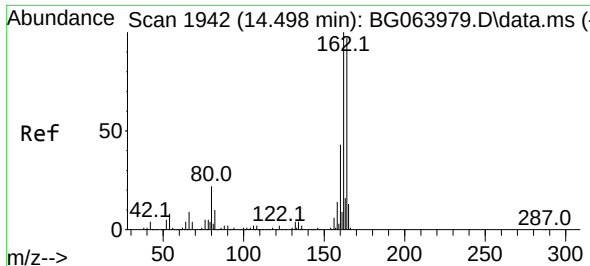


#38
1-Methylnaphthalene
Concen: 4.841 ng
RT: 12.536 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29



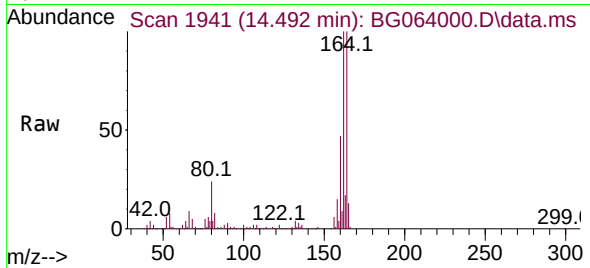
Tgt Ion:142 Resp: 48055
Ion Ratio Lower Upper
142 100
141 84.9 69.2 103.8
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

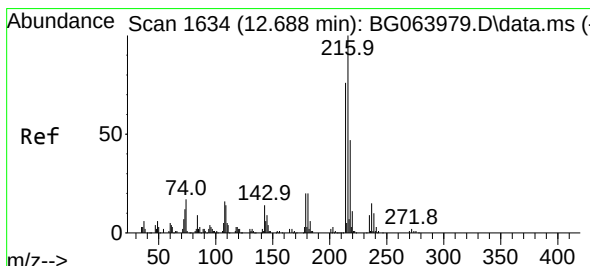
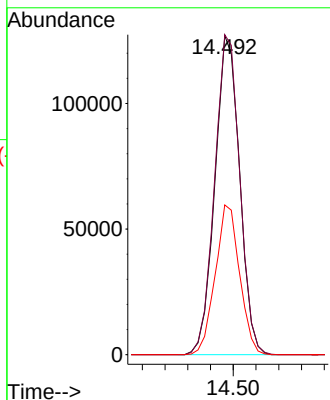
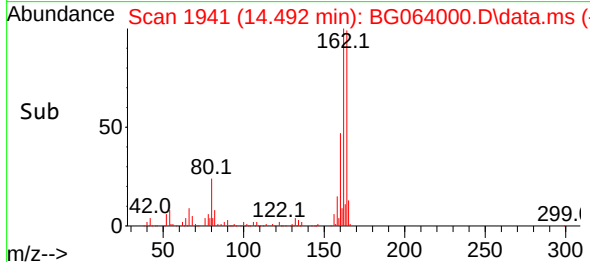
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:164 Resp: 19167
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 46.9 35.4 53.0

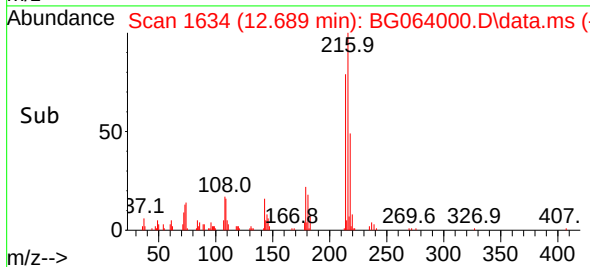
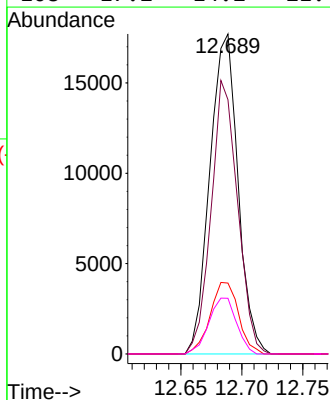
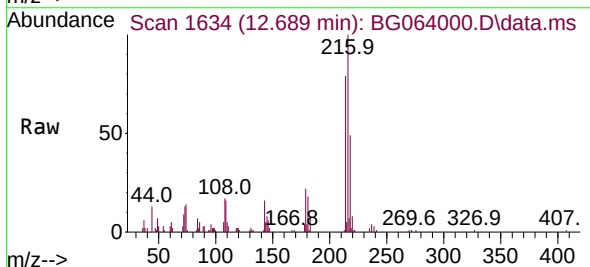
Manual Integrations
APPROVED

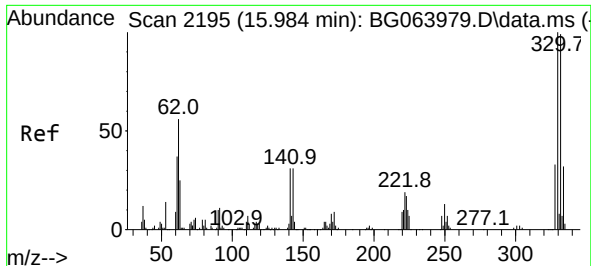
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.030 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

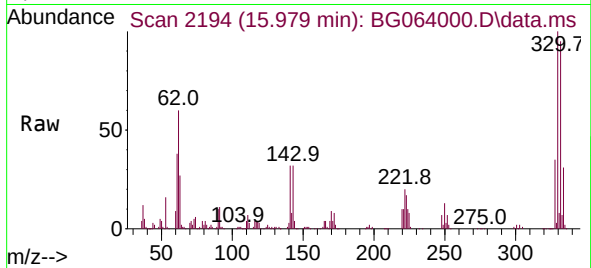
Tgt Ion:216 Resp: 28429
Ion Ratio Lower Upper
216 100
214 80.3 62.9 94.3
179 22.5 16.6 25.0
108 17.2 14.2 21.4





#42
2,4,6-Tribromophenol
Concen: 105.659 ng
RT: 15.979 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

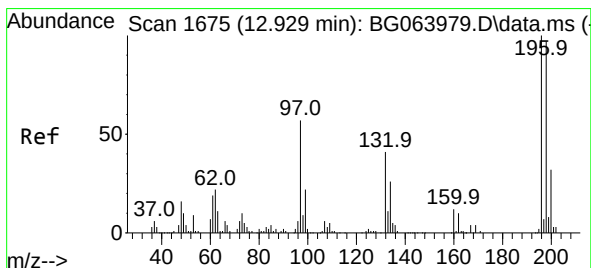
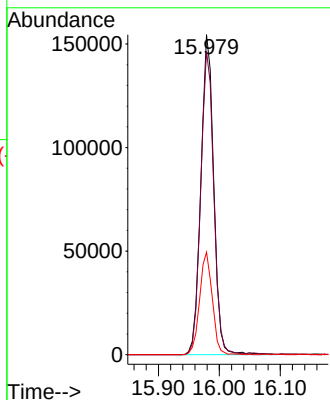
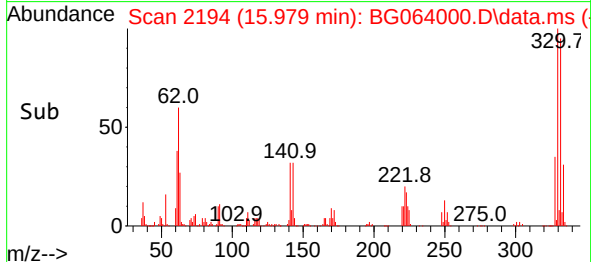
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:330 Resp: 226794
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.6
141 31.4 27.2 40.8

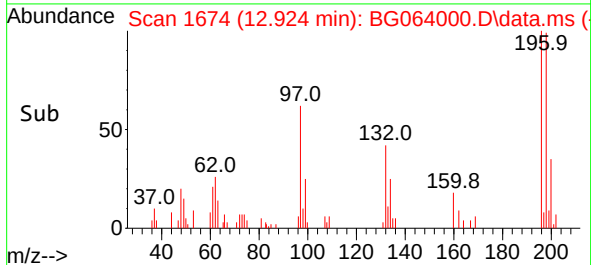
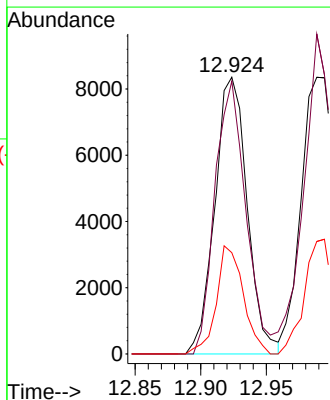
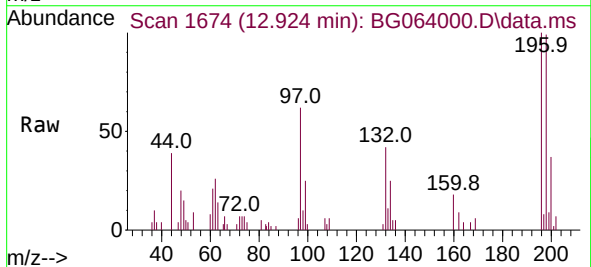
Manual Integrations
APPROVED

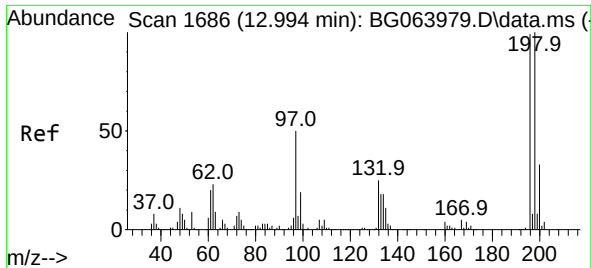
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#43
2,4,6-Trichlorophenol
Concen: 5.197 ng
RT: 12.924 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

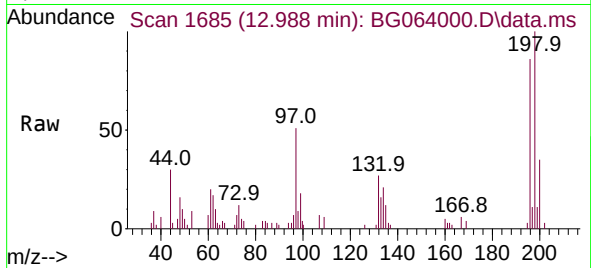
Tgt Ion:196 Resp: 14341
Ion Ratio Lower Upper
196 100
198 98.5 77.9 116.9
200 36.6 25.5 38.3





#44
2,4,5-Trichlorophenol
Concen: 5.101 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

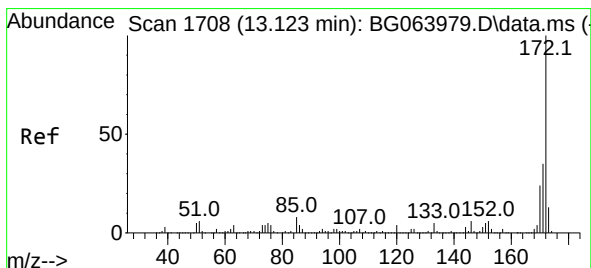
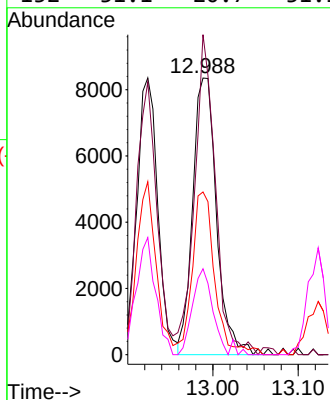
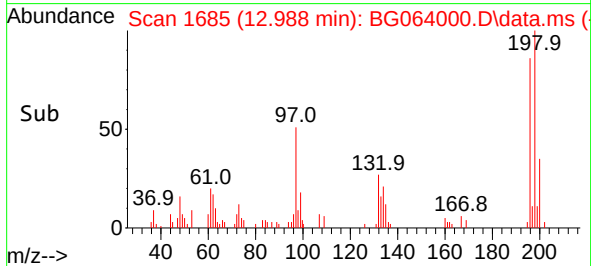
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:196 Resp: 1626
Ion Ratio Lower Upper
196 100
198 115.7 81.1 121.7
97 58.8 41.2 61.8
132 31.1 20.7 31.1#

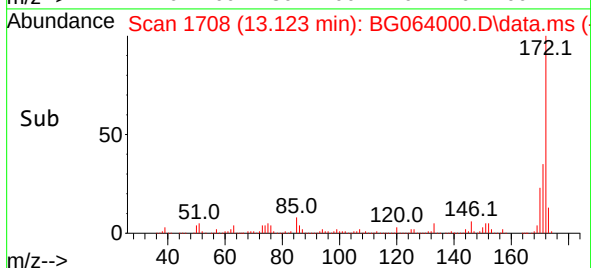
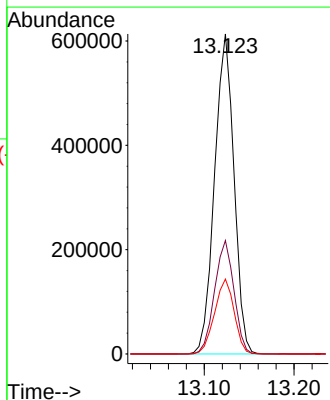
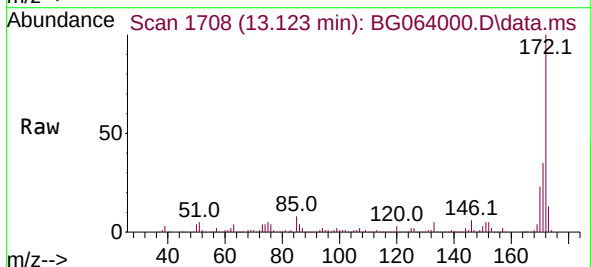
Manual Integrations
APPROVED

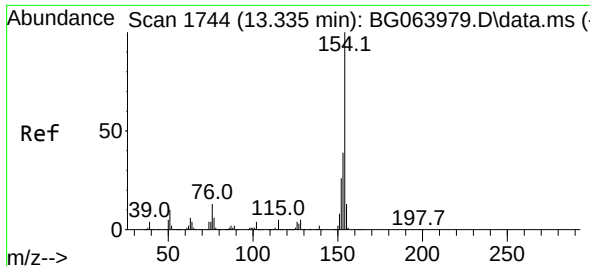
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#45
2-Fluorobiphenyl
Concen: 73.474 ng
RT: 13.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

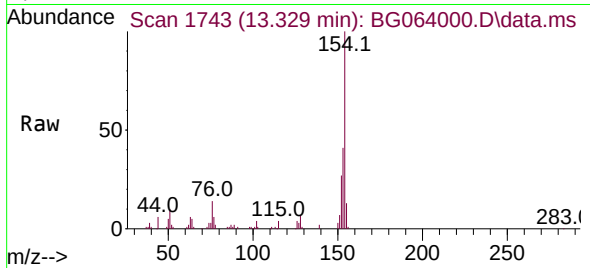
Tgt Ion:172 Resp: 919184
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.4 19.4 29.2





#46
1,1'-Biphenyl
Concen: 5.199 ng
RT: 13.329 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

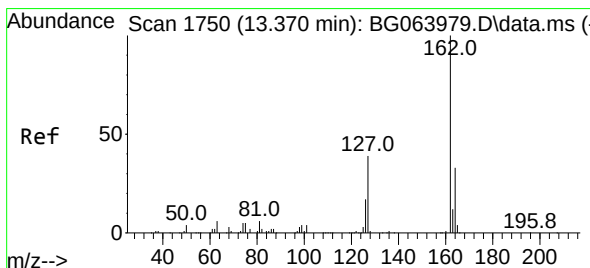
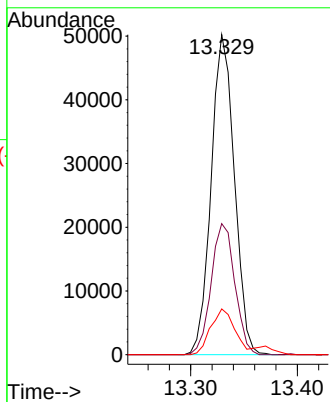
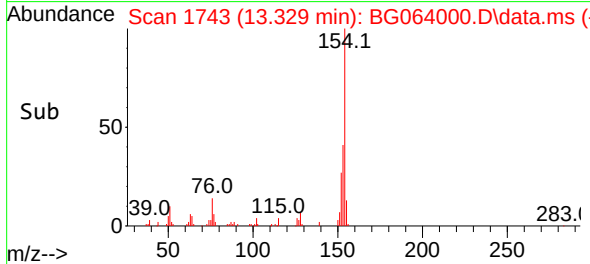
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:154 Resp: 75870
Ion Ratio Lower Upper
154 100
153 40.9 19.3 59.3
76 14.3 0.0 33.3

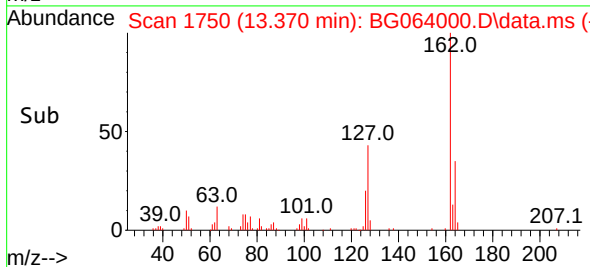
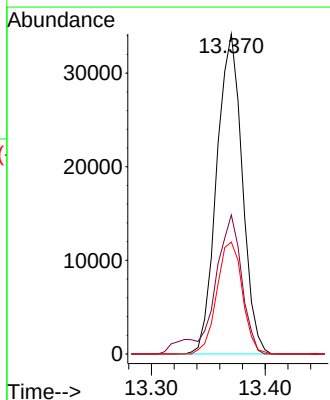
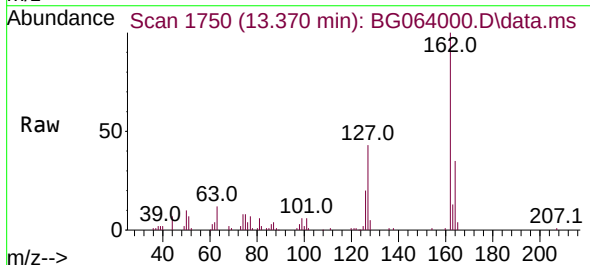
Manual Integrations
APPROVED

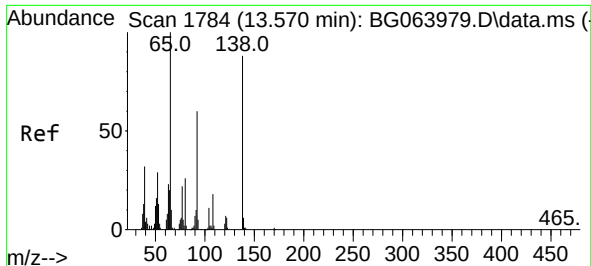
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#47
2-Chloronaphthalene
Concen: 5.012 ng
RT: 13.370 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

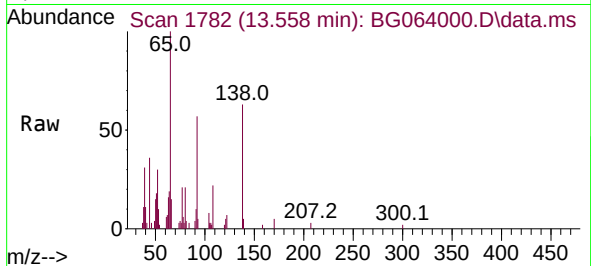
Tgt Ion:162 Resp: 53307
Ion Ratio Lower Upper
162 100
127 43.4 33.4 50.2
164 35.0 26.0 39.0





#48
2-Nitroaniline
Concen: 5.280 ng
RT: 13.558 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

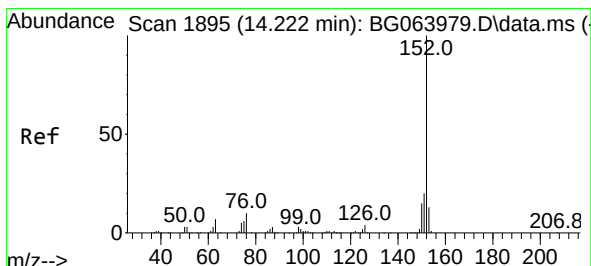
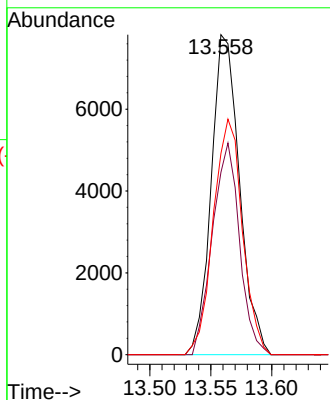
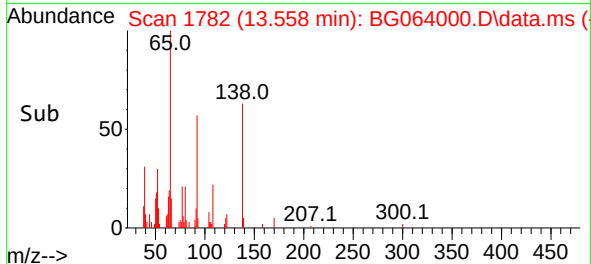
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 65 Resp: 12600
Ion Ratio Lower Upper
65 100
92 57.0 47.6 71.4
138 62.8 70.6 106.0

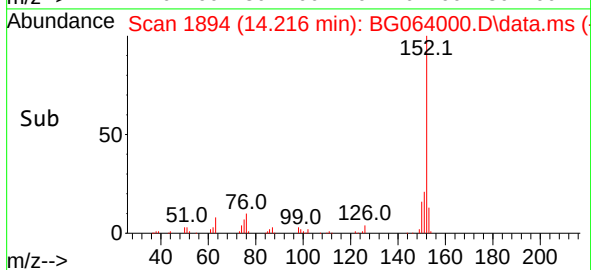
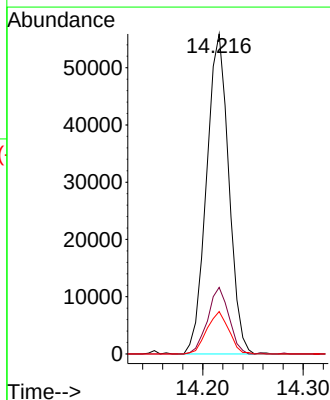
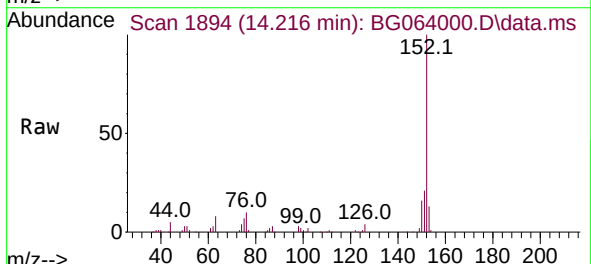
Manual Integrations
APPROVED

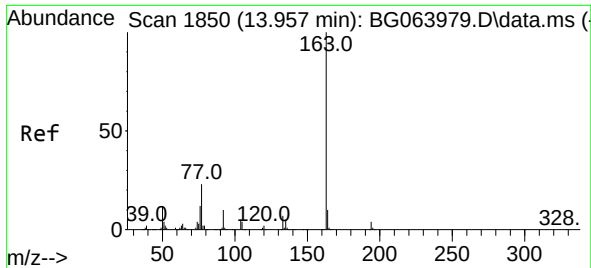
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#49
Acenaphthylene
Concen: 5.210 ng
RT: 14.216 min Scan# 1894
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

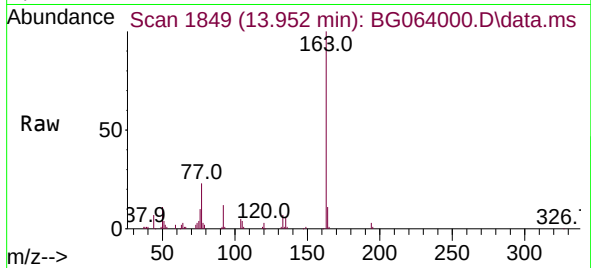
Tgt Ion:152 Resp: 86086
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.3 10.3 15.5





#50
Dimethylphthalate
Concen: 5.381 ng
RT: 13.952 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

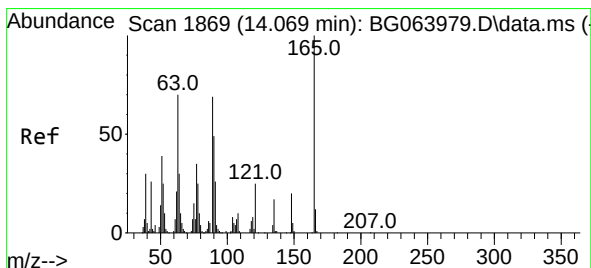
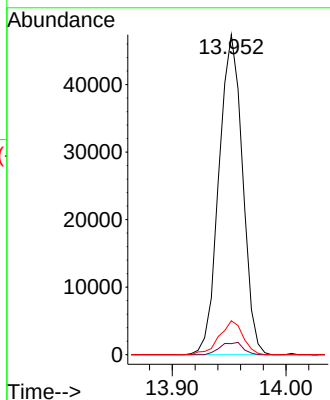
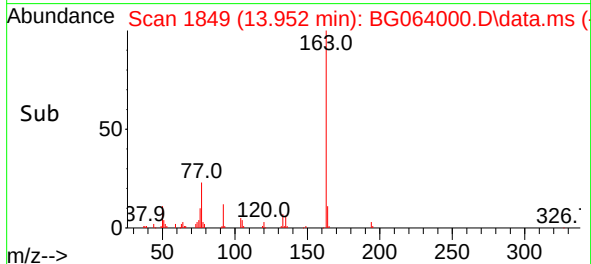
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:163 Resp: 6838
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.6 8.0 12.0

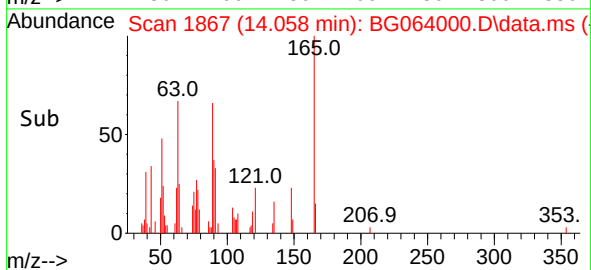
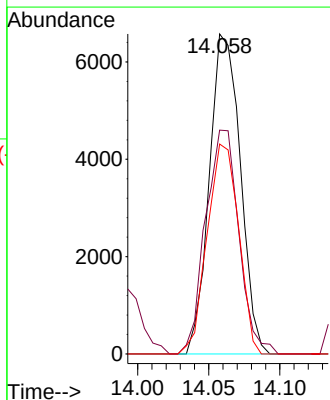
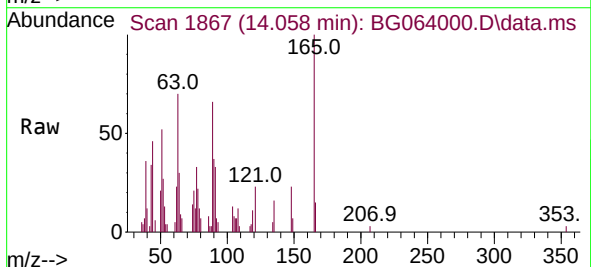
Manual Integrations
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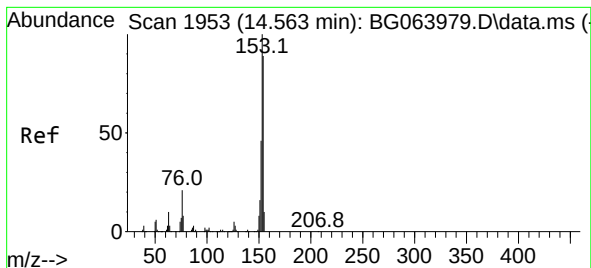
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#51
2,6-Dinitrotoluene
Concen: 4.987 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:165 Resp: 9962
Ion Ratio Lower Upper
165 100
63 69.9 57.7 86.5
89 65.6 55.6 83.4





#52

Acenaphthene

Concen: 5.025 ng

RT: 14.557 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:154 Resp: 5568

Ion Ratio Lower Upper

154 100

153 111.8 90.2 135.2

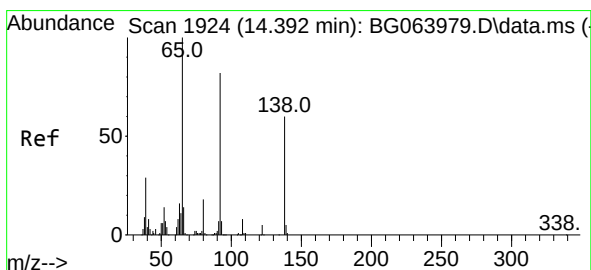
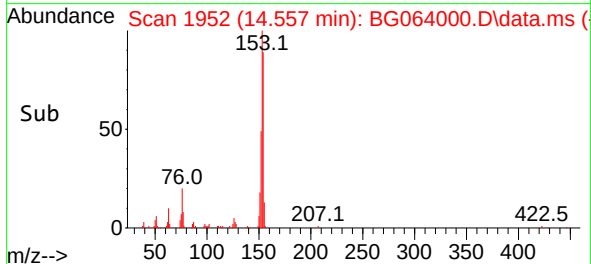
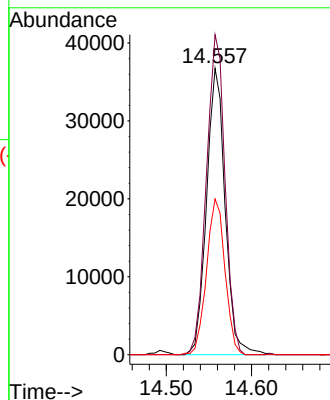
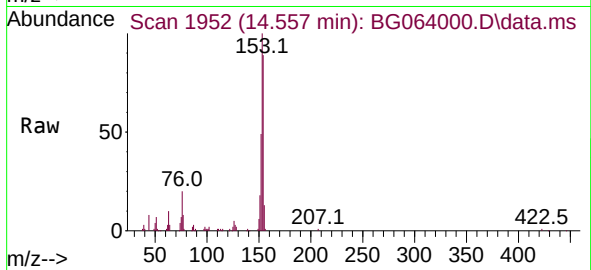
152 54.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#53

3-Nitroaniline

Concen: 5.014 ng

RT: 14.387 min Scan# 1923

Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

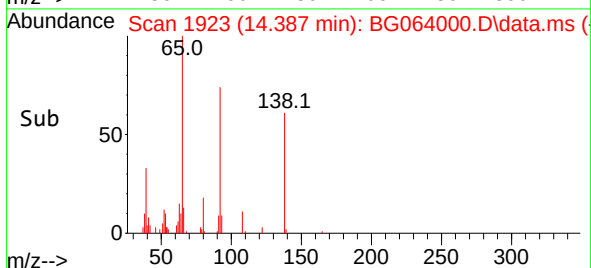
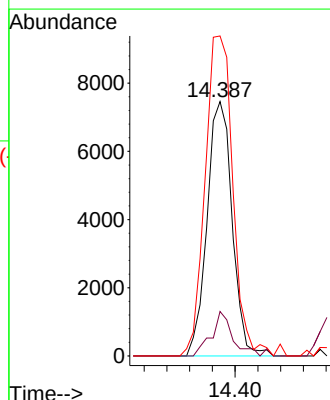
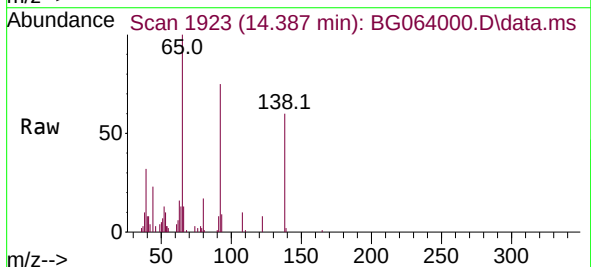
Tgt Ion:138 Resp: 11448

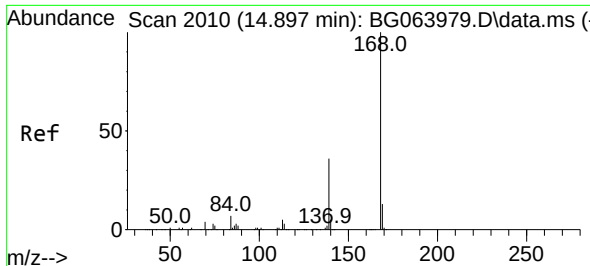
Ion Ratio Lower Upper

138 100

108 17.5 10.3 15.5#

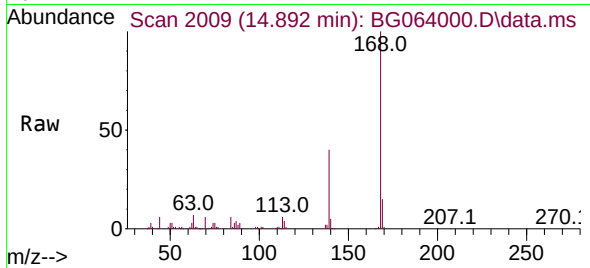
92 125.8 109.0 163.4





#55
Dibenzenofuran
Concen: 4.917 ng
RT: 14.892 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

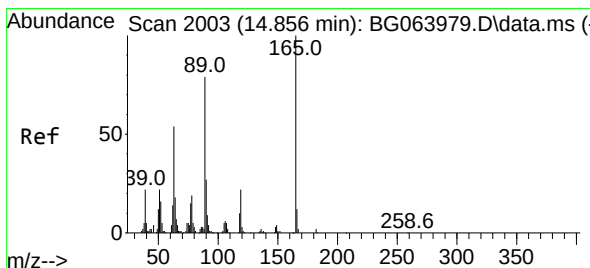
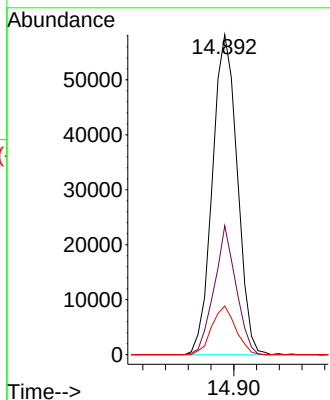
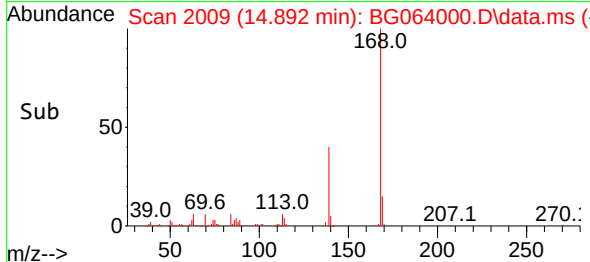
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 88484
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0
169 15.2 10.6 16.0

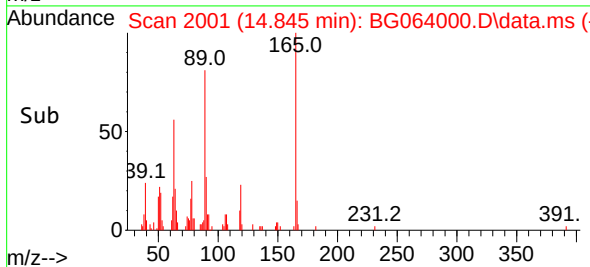
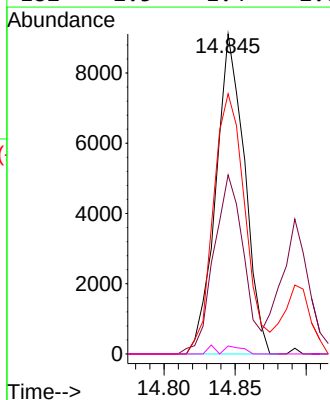
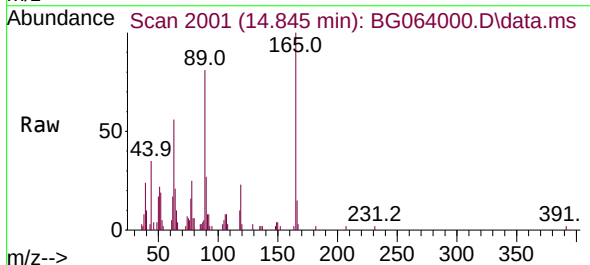
Manual Integrations
APPROVED

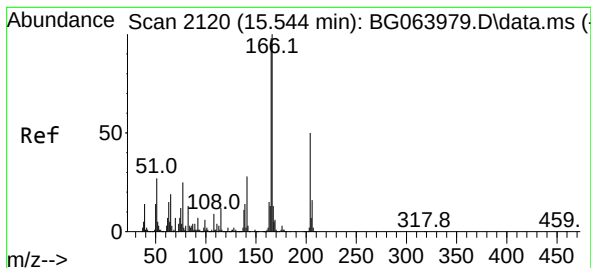
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#57
2,4-Dinitrotoluene
Concen: 4.978 ng
RT: 14.845 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:165 Resp: 12801
Ion Ratio Lower Upper
165 100
63 55.9 43.6 65.4
89 81.3 63.1 94.7
182 2.5 1.4 2.0#





#58

Fluorene

Concen: 5.140 ng

RT: 15.544 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

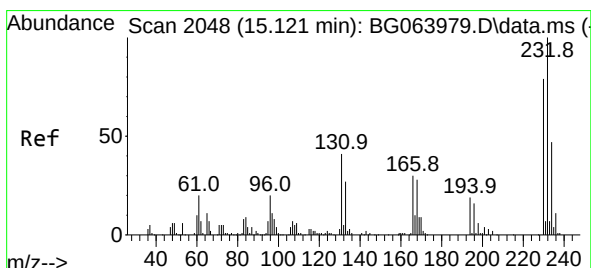
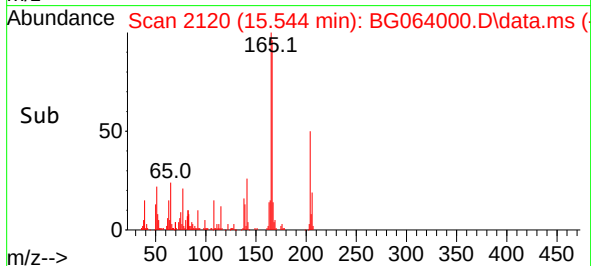
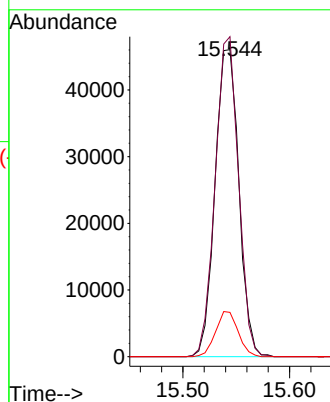
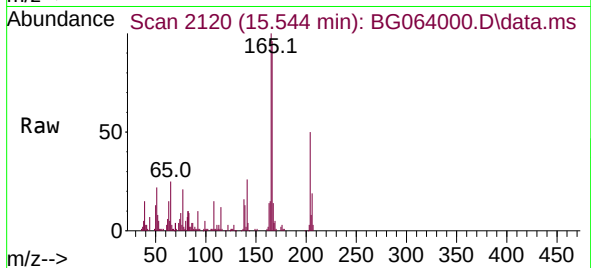
Tgt Ion:166 Resp: 71494
 Ion Ratio Lower Upper
 166 100
 165 104.2 78.7 118.1
 167 14.4 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.130 ng

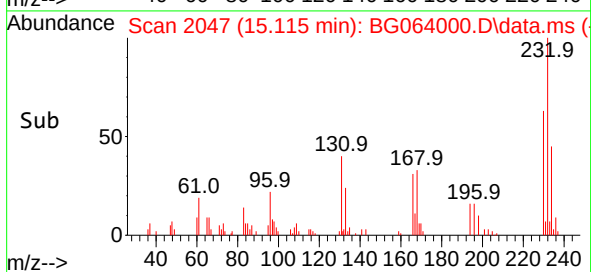
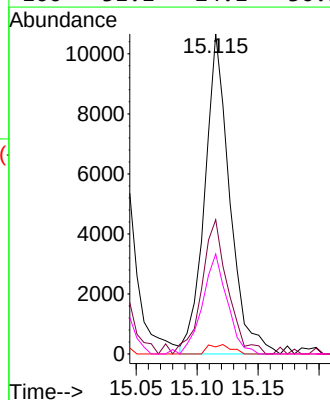
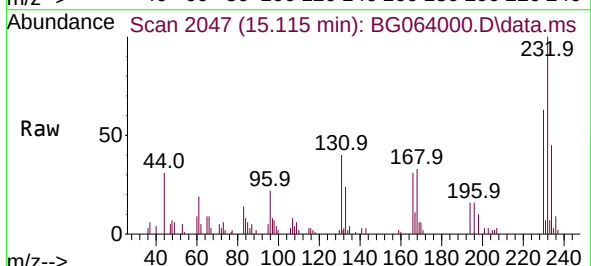
RT: 15.115 min Scan# 2047

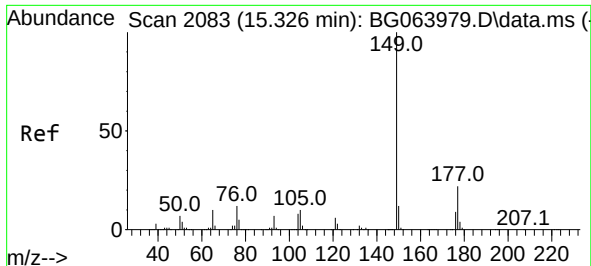
Delta R.T. -0.006 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

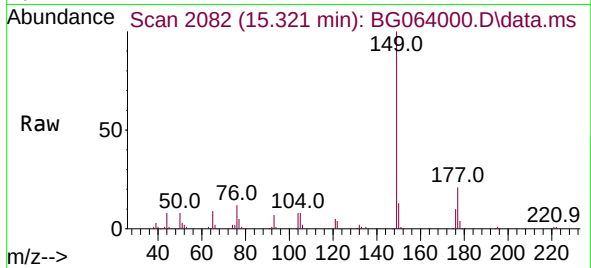
Tgt Ion:232 Resp: 15177
 Ion Ratio Lower Upper
 232 100
 131 44.4 34.0 51.0
 130 2.7 2.2 3.4
 166 31.1 24.1 36.1





#60
Diethylphthalate
Concen: 5.385 ng
RT: 15.321 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

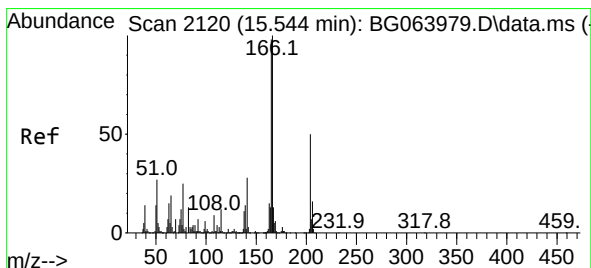
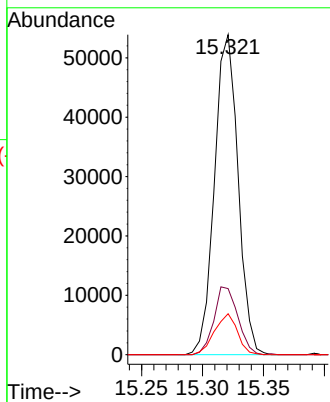
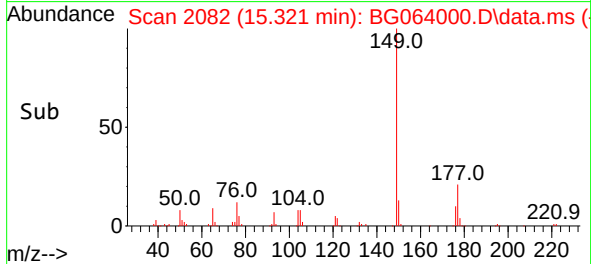
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:149 Resp: 7255
Ion Ratio Lower Upper
149 100
177 20.6 18.0 27.0
150 12.8 9.7 14.5

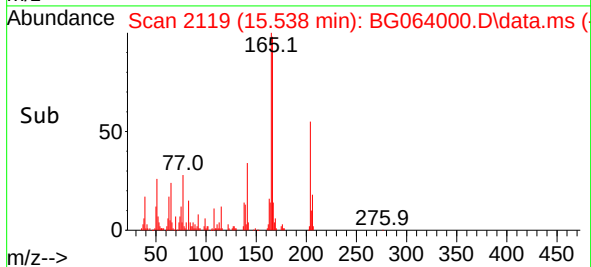
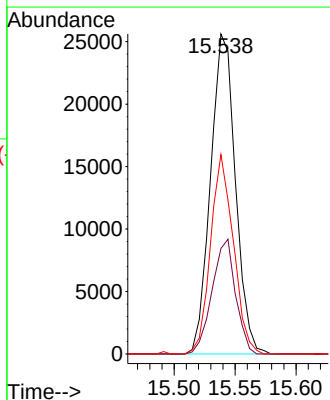
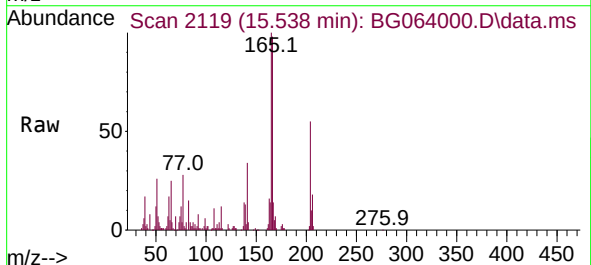
Manual Integrations
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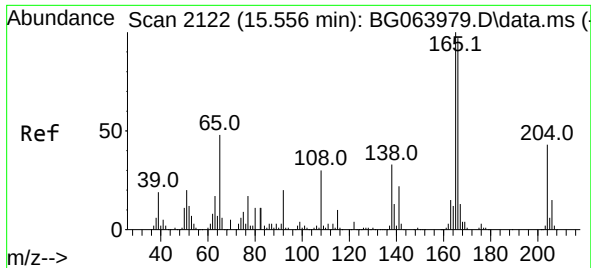
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.211 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:204 Resp: 36367
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.3 44.6 67.0





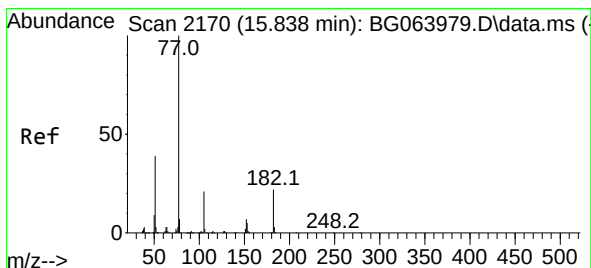
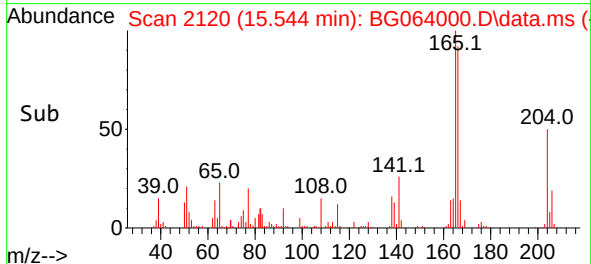
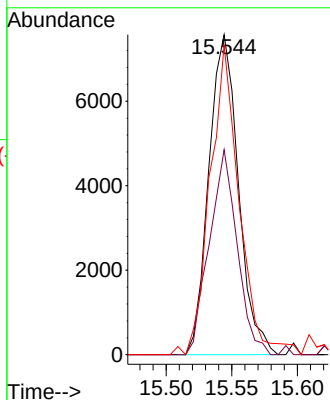
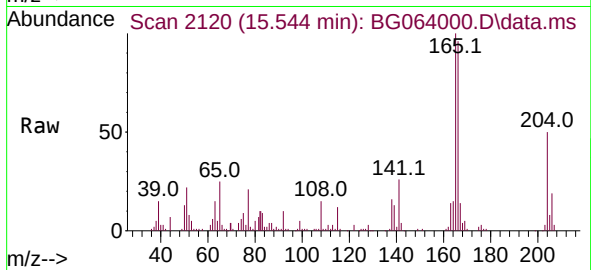
#62
4-Nitroaniline
Concen: 4.633 ng
RT: 15.544 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:138 Resp: 11878
Ion Ratio Lower Upper
138 100
92 64.1 40.3 80.3
108 96.9 69.3 109.3

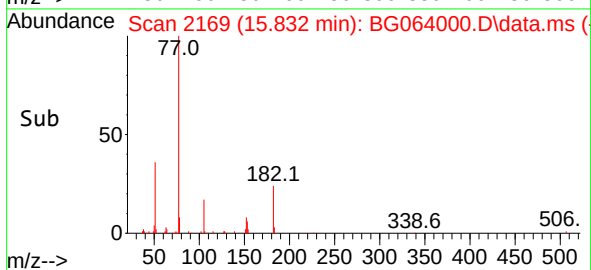
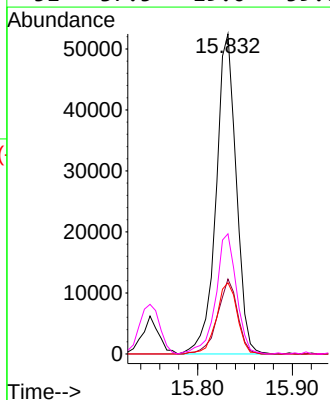
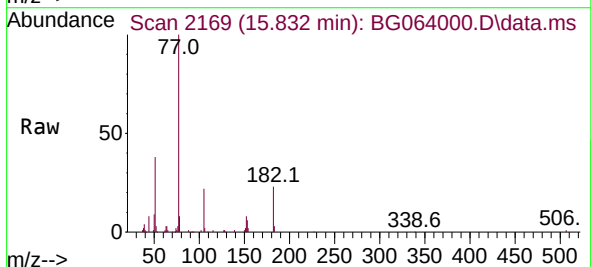
Manual Integrations
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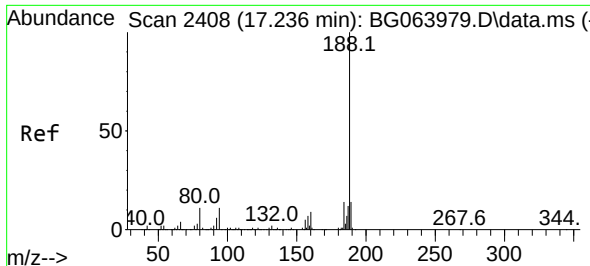
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#63
Azobenzene
Concen: 4.875 ng
RT: 15.832 min Scan# 2169
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

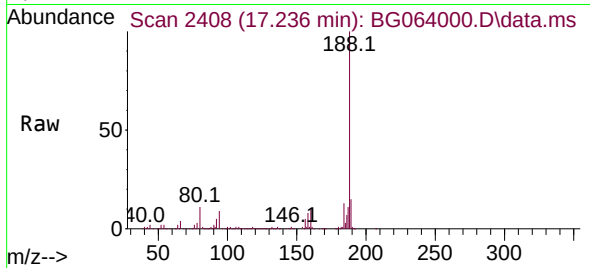
Tgt Ion: 77 Resp: 77581
Ion Ratio Lower Upper
77 100
182 23.4 2.3 42.3
105 22.3 1.0 41.0
51 37.5 19.0 59.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

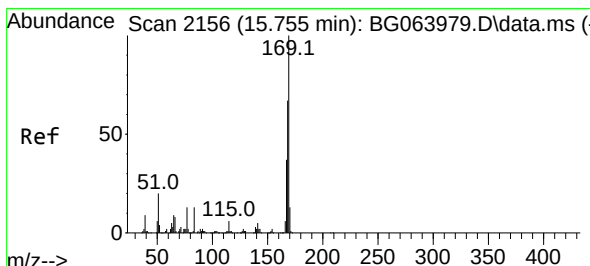
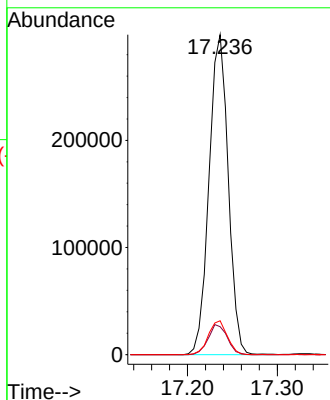
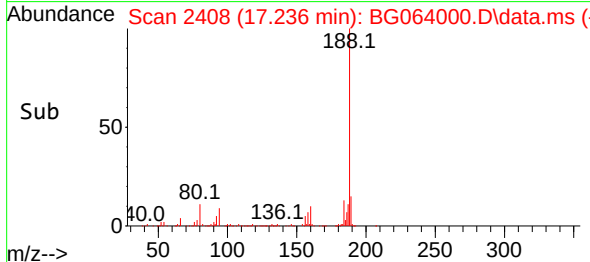
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:188 Resp: 442619
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 10.6 8.5 12.7

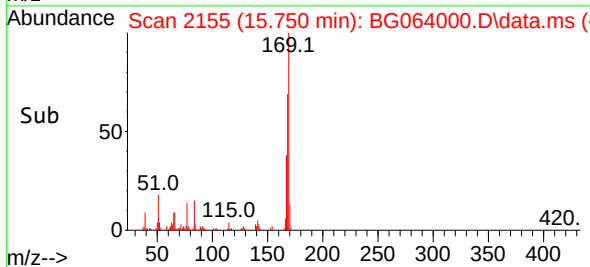
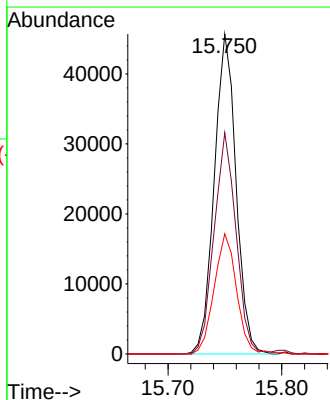
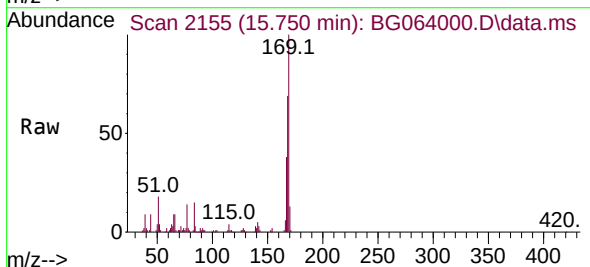
Manual Integrations
APPROVED

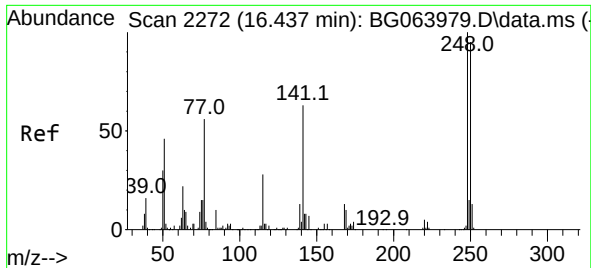
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 4.959 ng
RT: 15.750 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:169 Resp: 60859
Ion Ratio Lower Upper
169 100
168 69.1 53.5 80.3
167 37.5 30.0 45.0





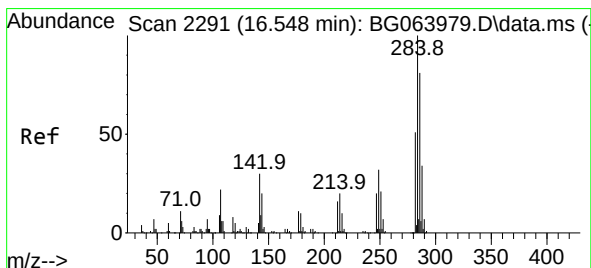
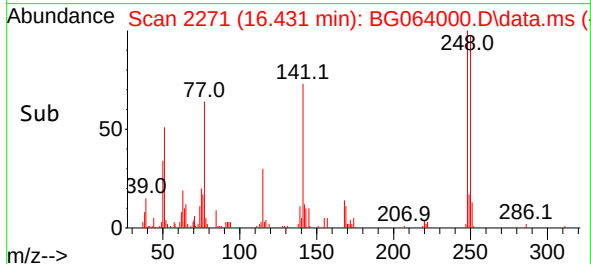
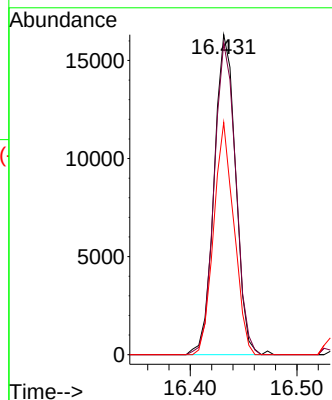
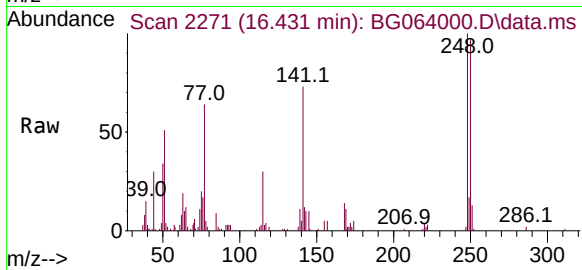
#67
4-Bromophenyl-phenylether
Concen: 5.187 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:248 Resp: 2285
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 72.6 50.6 75.8

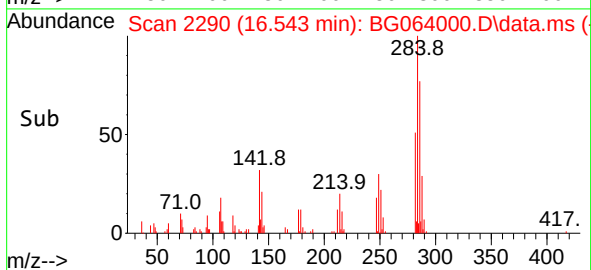
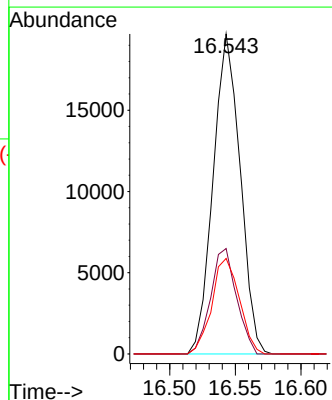
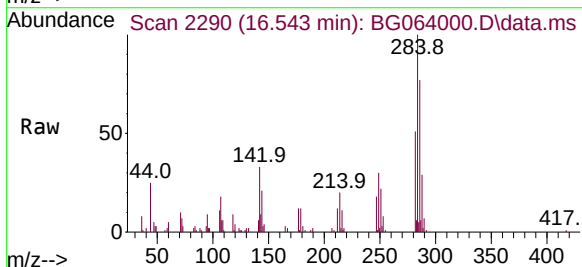
Manual Integrations
APPROVED

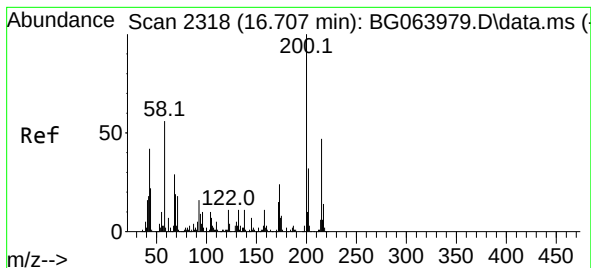
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#68
Hexachlorobenzene
Concen: 5.431 ng
RT: 16.543 min Scan# 2290
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:284 Resp: 28132
Ion Ratio Lower Upper
284 100
142 32.9 23.8 35.8
249 31.4 25.9 38.9





#69

Atrazine

Concen: 5.229 ng

RT: 16.696 min Scan# 2135

Delta R.T. -0.011 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

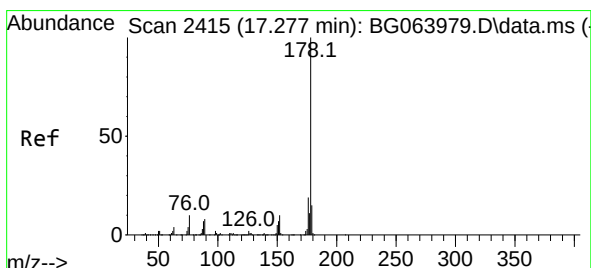
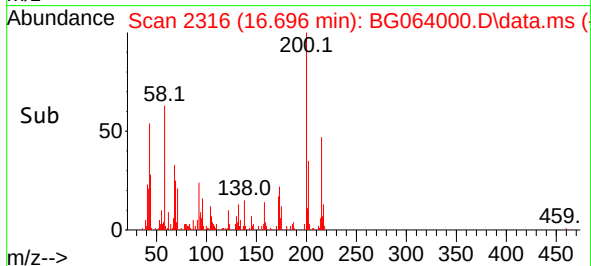
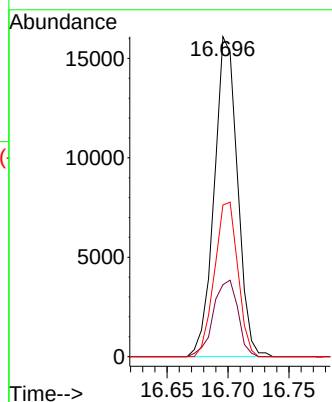
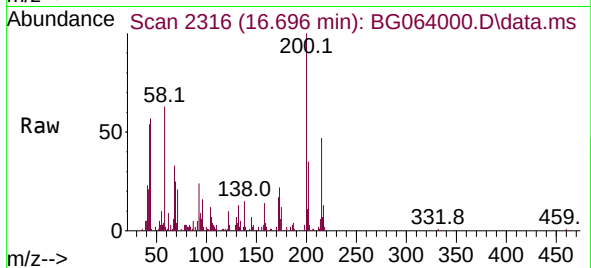
Tgt Ion:200 Resp: 2135
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.8 43.8
 215 47.4 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#71

Phenanthrene

Concen: 5.258 ng

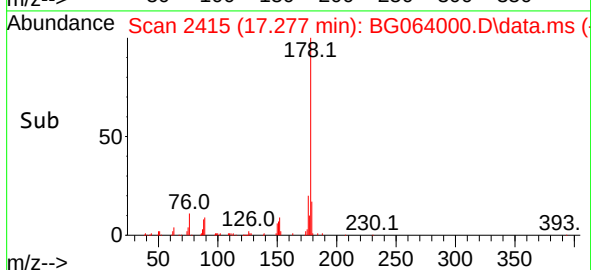
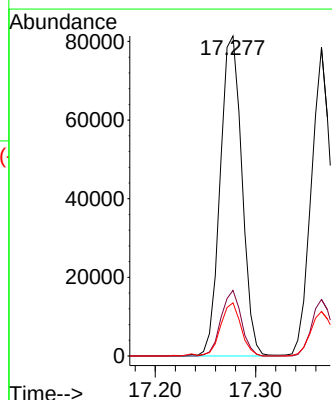
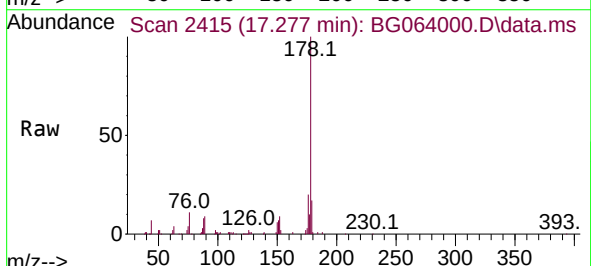
RT: 17.277 min Scan# 2415

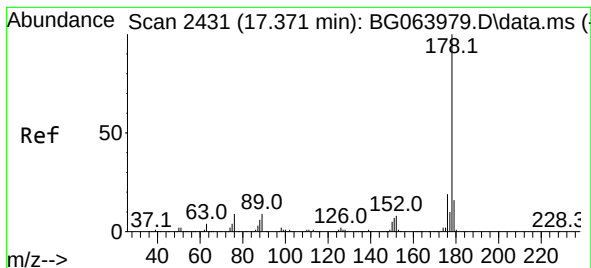
Delta R.T. 0.000 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion:178 Resp: 122241
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.5 23.3
 179 16.6 12.2 18.4





#72

Anthracene

Concen: 4.773 ng

RT: 17.366 min Scan# 2431

Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:178 Resp: 111038

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

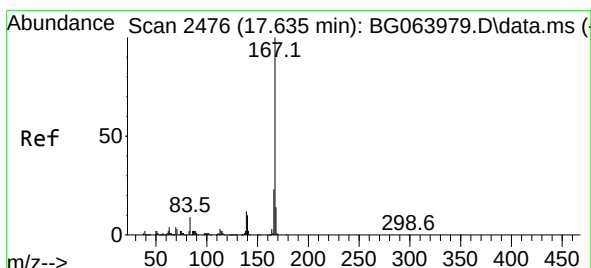
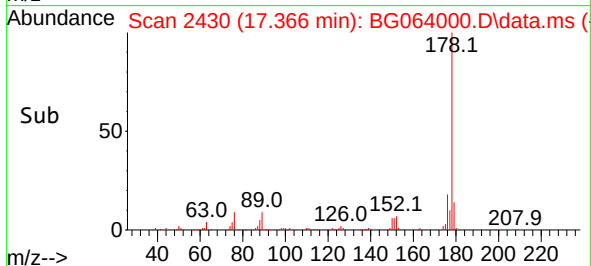
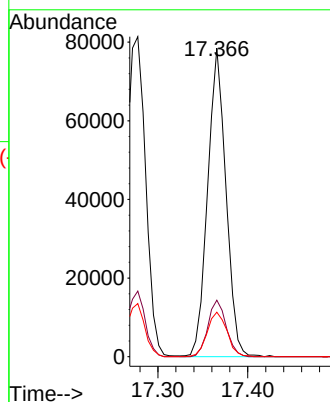
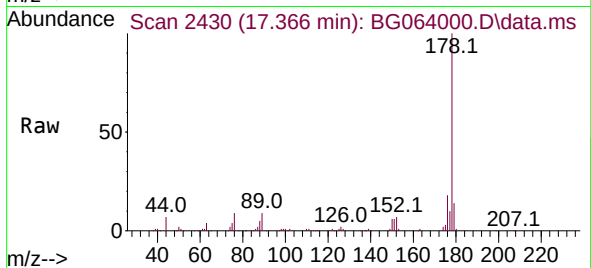
179 14.4 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#73

Carbazole

Concen: 5.072 ng

RT: 17.630 min Scan# 2475

Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

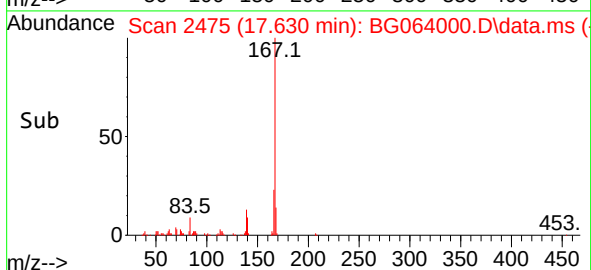
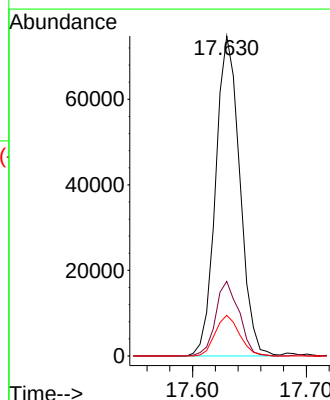
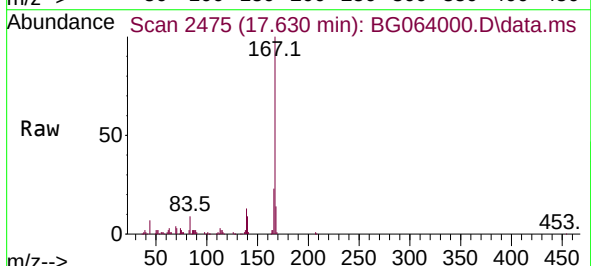
Tgt Ion:167 Resp: 110447

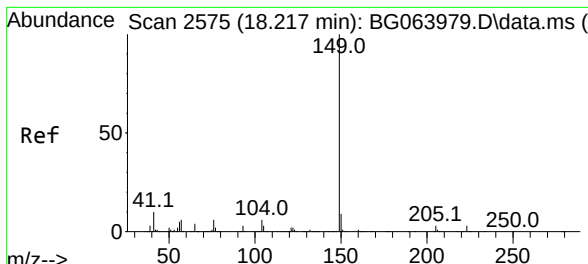
Ion Ratio Lower Upper

167 100

166 23.3 18.6 28.0

139 12.7 9.8 14.8





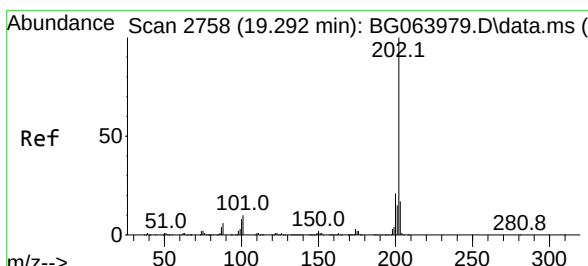
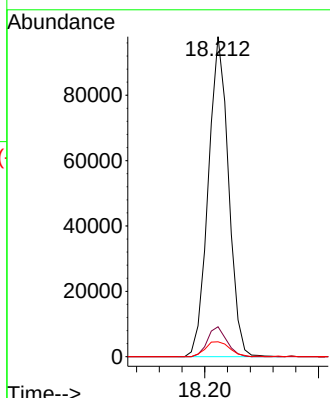
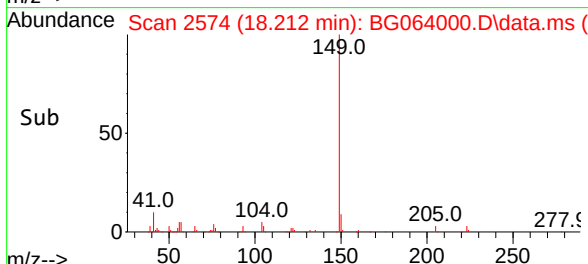
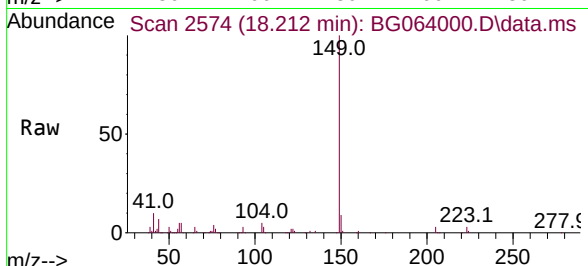
#74
Di-n-butylphthalate
Concen: 5.326 ng
RT: 18.212 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:	149	Resp:	120884
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	4.6	4.6	6.8

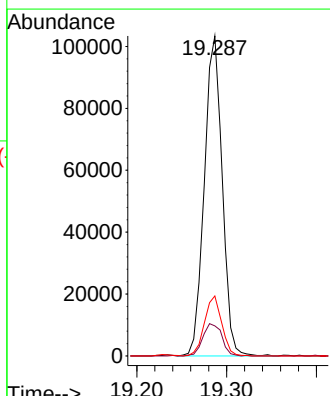
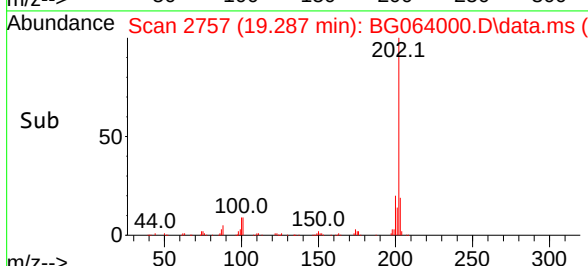
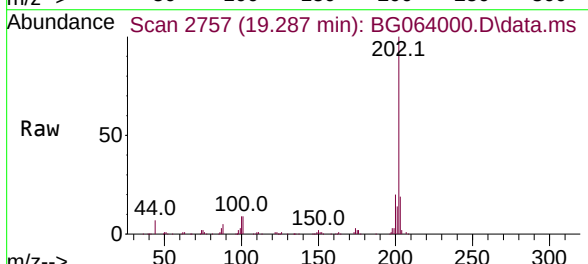
Manual Integrations
APPROVED

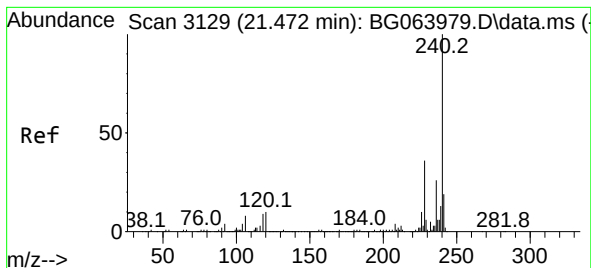
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#75
Fluoranthene
Concen: 5.048 ng
RT: 19.287 min Scan# 2757
Delta R.T. -0.005 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:	202	Resp:	142909
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.4
203	18.8	0.0	37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.467 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BG064000.D

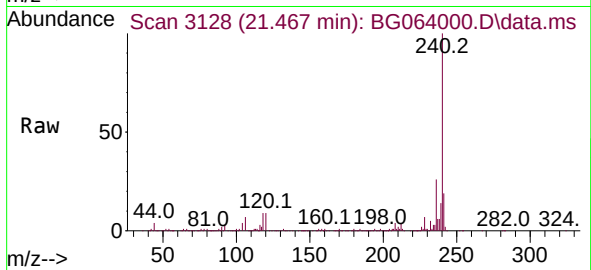
Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:240 Resp: 468936

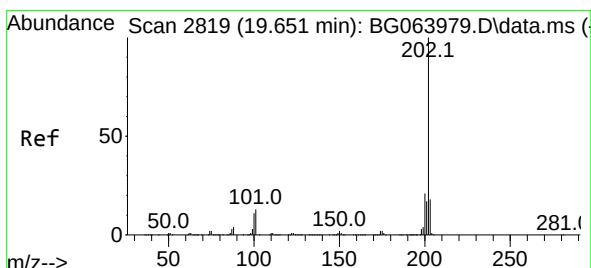
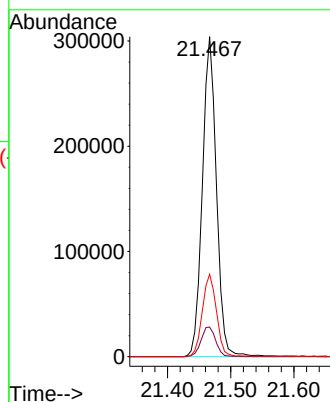
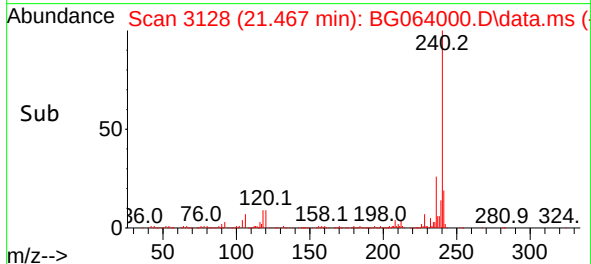
Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.9	11.9
236	25.7	21.0	31.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 5.637 ng

RT: 19.645 min Scan# 2818

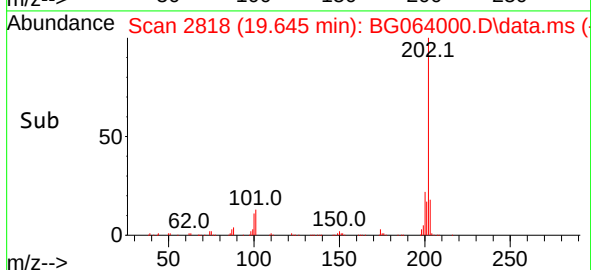
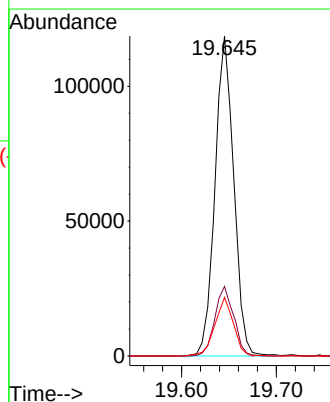
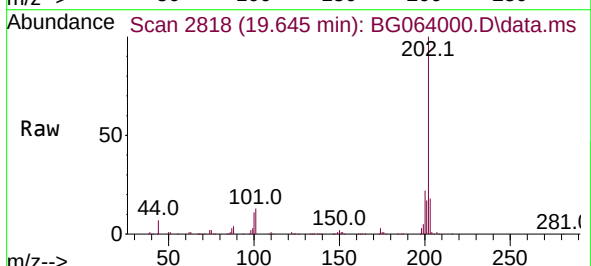
Delta R.T. -0.005 min

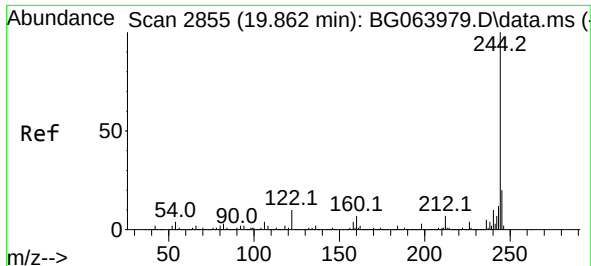
Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion:202 Resp: 163197

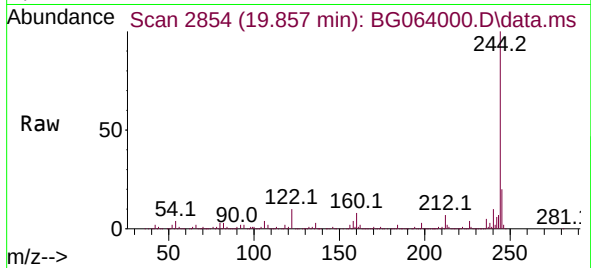
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.3	14.5	21.7





#79
 Terphenyl-d14
 Concen: 73.339 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064000.D
 Acq: 5 Feb 2025 13:29

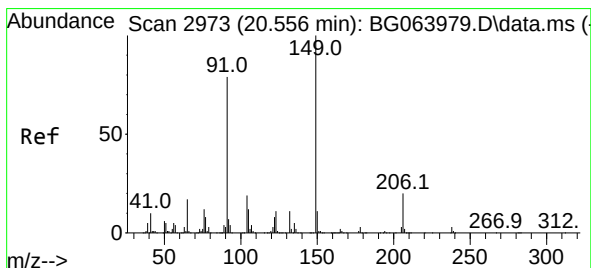
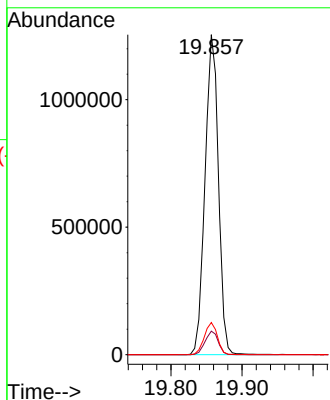
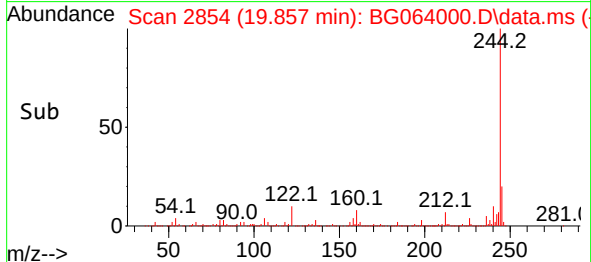
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:244 Resp: 164673
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.1 7.7 11.5

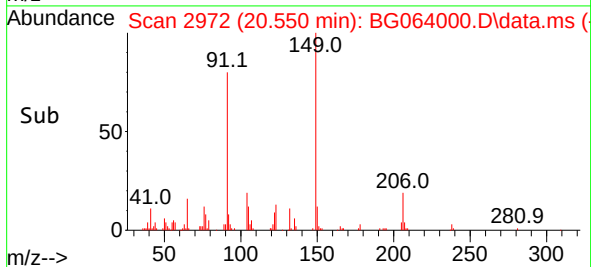
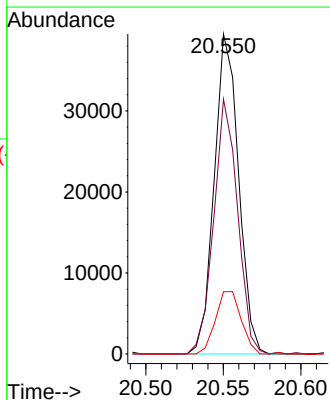
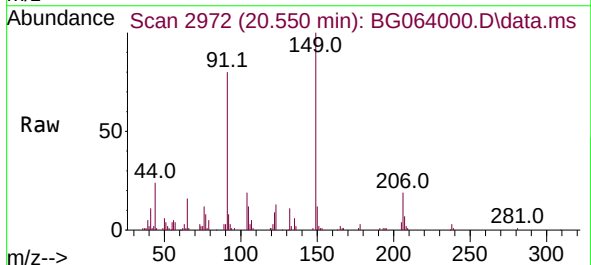
Manual Integrations
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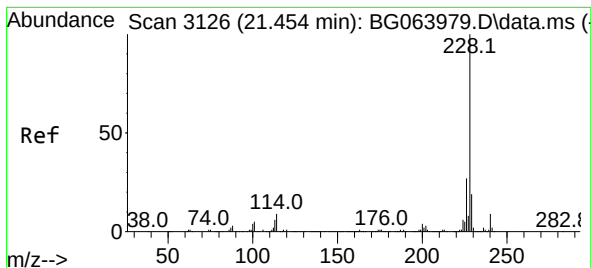
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#80
 Butylbenzylphthalate
 Concen: 5.318 ng
 RT: 20.550 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BG064000.D
 Acq: 5 Feb 2025 13:29

Tgt Ion:149 Resp: 43174
 Ion Ratio Lower Upper
 149 100
 91 79.6 63.0 94.6
 206 19.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.277 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:228 Resp: 15711

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

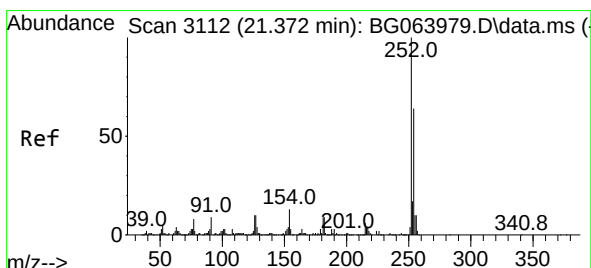
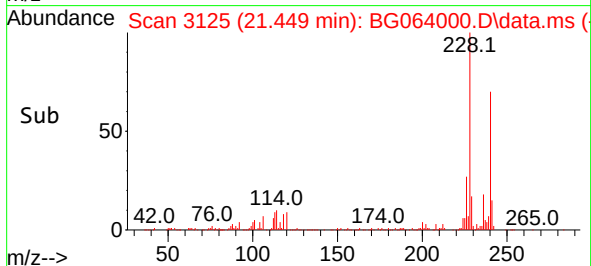
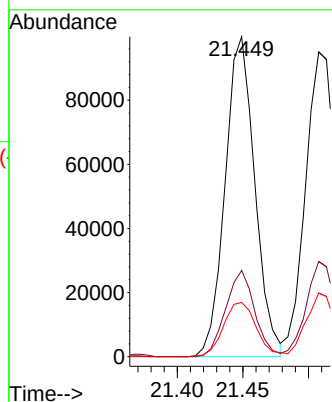
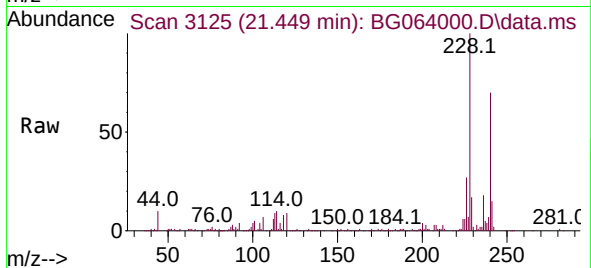
229 17.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 5.087 ng

RT: 21.373 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

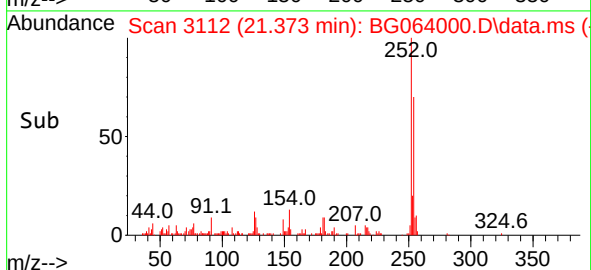
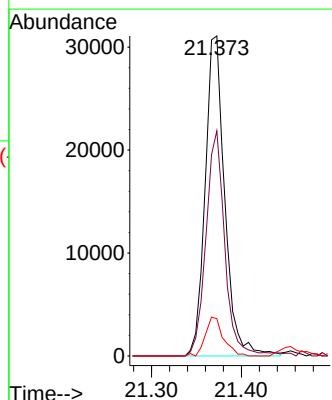
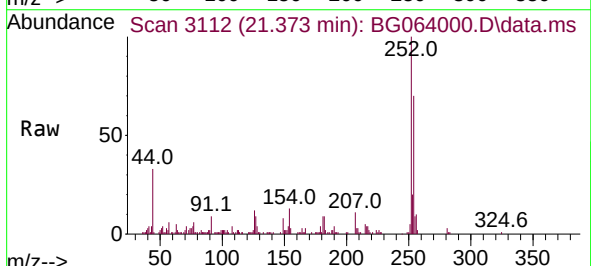
Tgt Ion:252 Resp: 47166

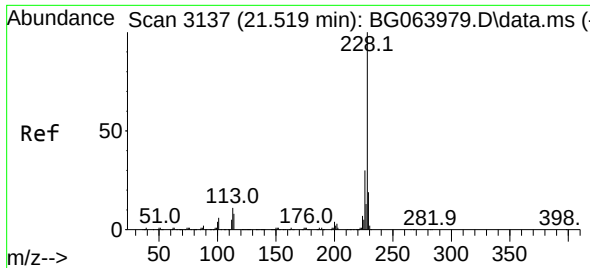
Ion Ratio Lower Upper

252 100

254 70.4 50.8 76.2

126 11.6 8.2 12.2





#83

Chrysene

Concen: 5.230 ng

RT: 21.508 min Scan# 3135

Delta R.T. -0.011 min

Lab File: BG064000.D

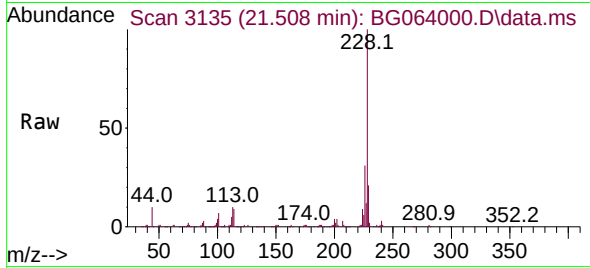
Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:228 Resp: 154950

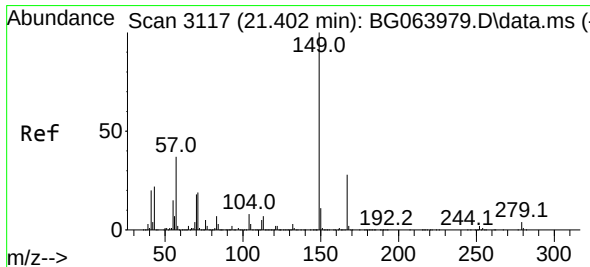
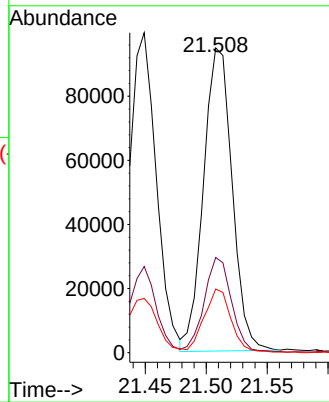
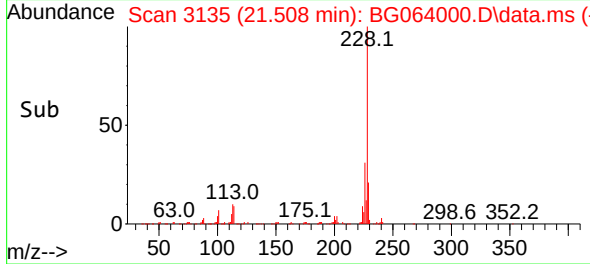
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.416 ng

RT: 21.390 min Scan# 3115

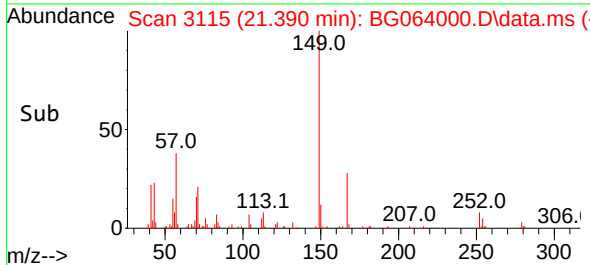
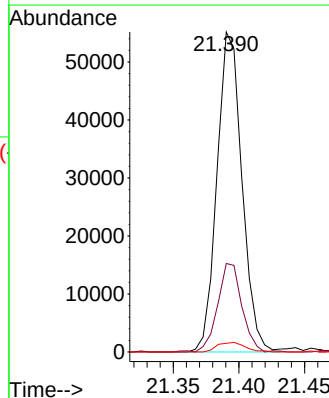
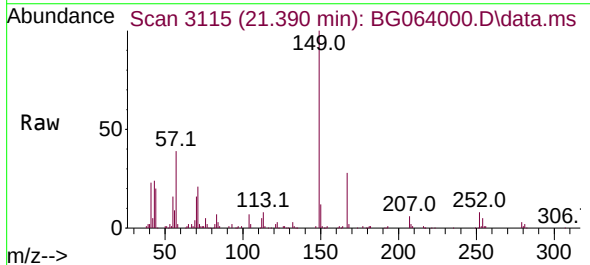
Delta R.T. -0.012 min

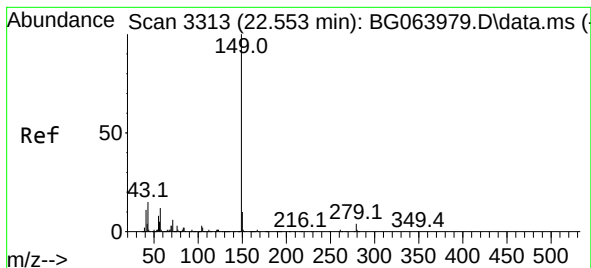
Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion:149 Resp: 73064

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	2.7	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 10.607 ng

RT: 22.542 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:149 Resp: 113689

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

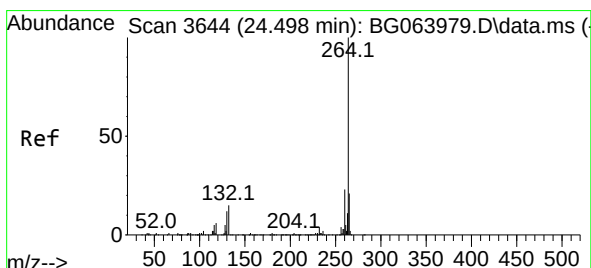
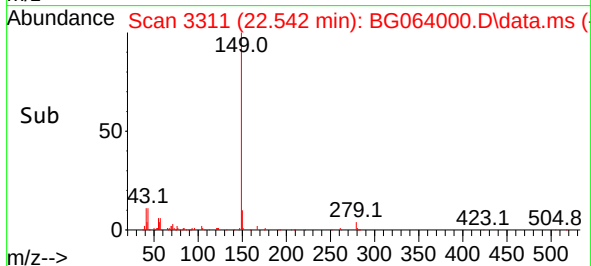
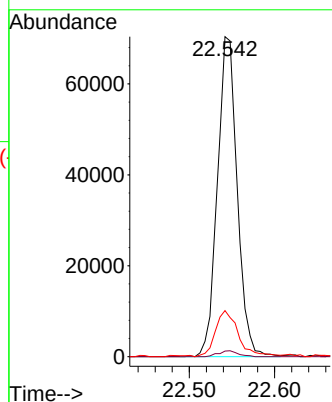
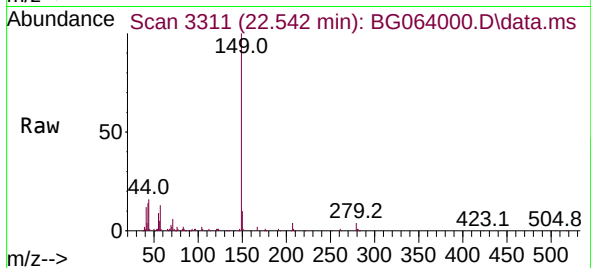
43 16.7 12.3 18.5

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: 24.493 min Scan# 3643

Delta R.T. -0.005 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

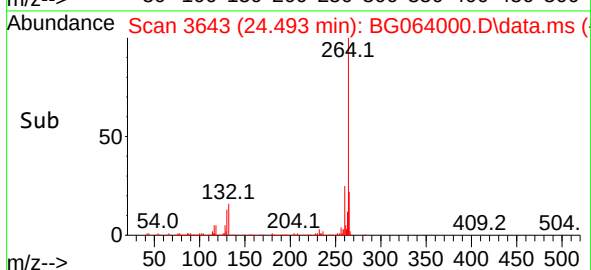
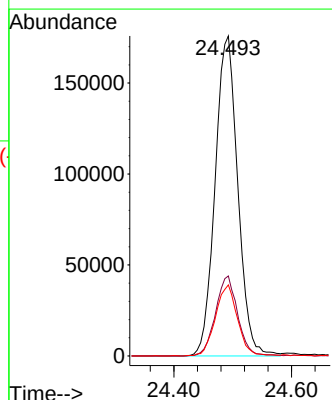
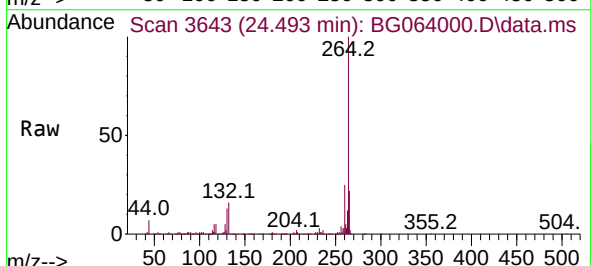
Tgt Ion:264 Resp: 470338

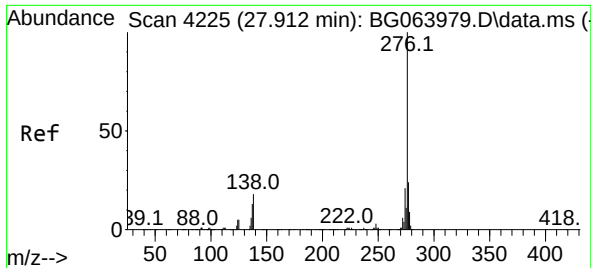
Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

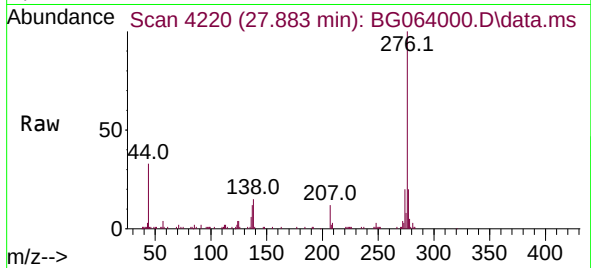
265 22.2 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.497 ng
RT: 27.883 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

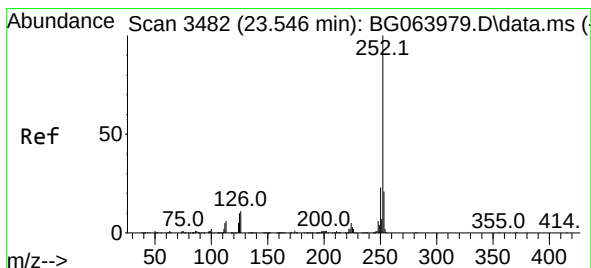
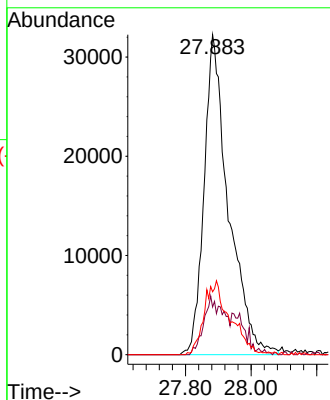
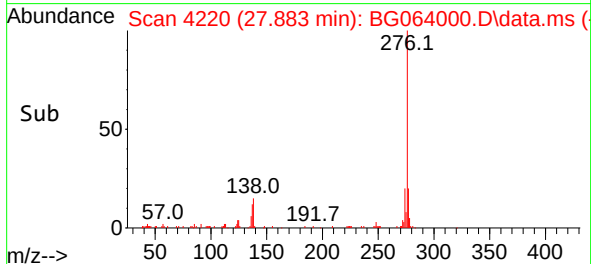
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:276 Resp: 16678
Ion Ratio Lower Upper
276 100
138 15.1 10.7 16.1
277 24.4 20.2 30.4

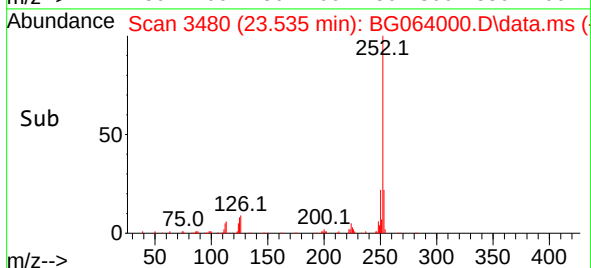
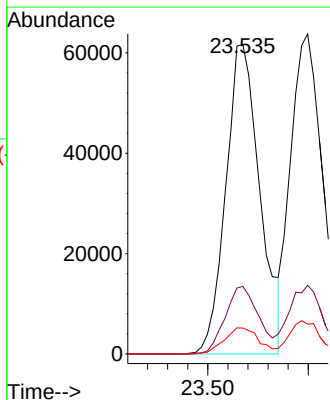
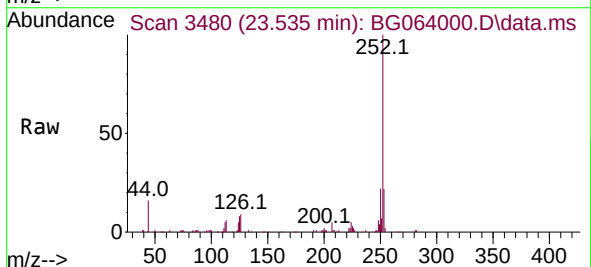
Manual Integrations
APPROVED

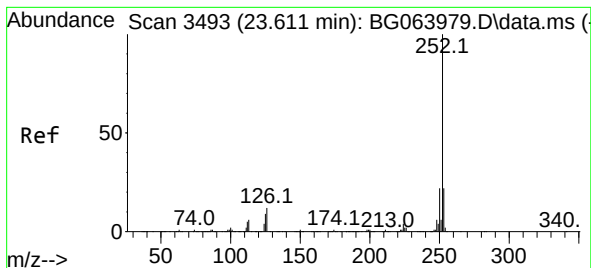
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#88
Benzo(b)fluoranthene
Concen: 5.261 ng
RT: 23.535 min Scan# 3480
Delta R.T. -0.011 min
Lab File: BG064000.D
Acq: 5 Feb 2025 13:29

Tgt Ion:252 Resp: 145700
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 8.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 4.877 ng

RT: 23.599 min Scan# 3491

Delta R.T. -0.011 min

Lab File: BG064000.D

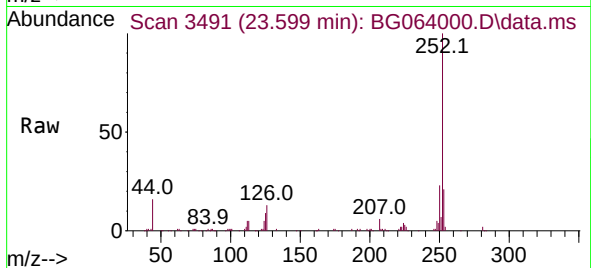
Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:252 Resp: 13869

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

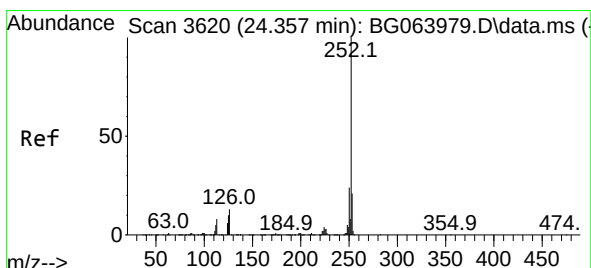
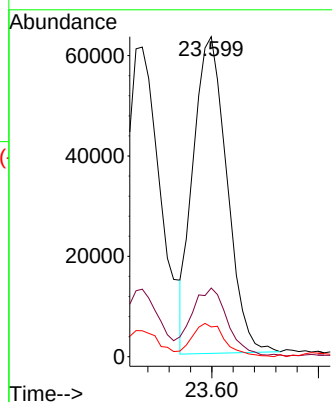
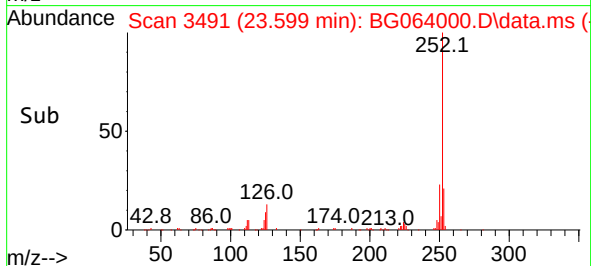
125 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 5.296 ng

RT: 24.340 min Scan# 3617

Delta R.T. -0.017 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

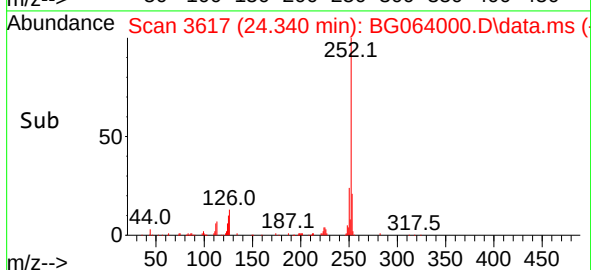
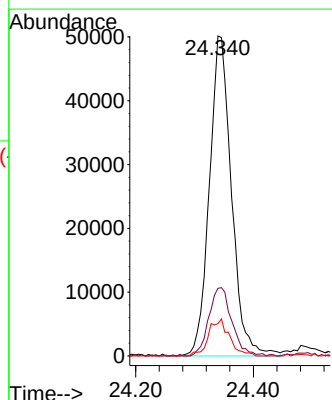
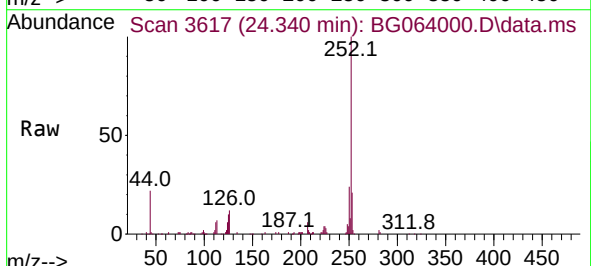
Tgt Ion:252 Resp: 130921

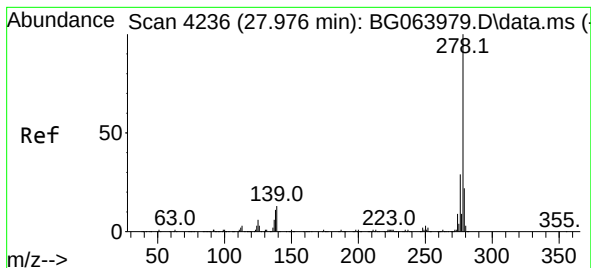
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 10.1 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 5.100 ng

RT: 27.959 min Scan# 41

Delta R.T. -0.017 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:278 Resp: 130669

Ion Ratio Lower Upper

278 100

139 13.9 10.8 16.2

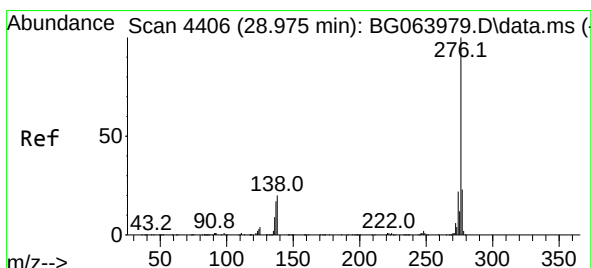
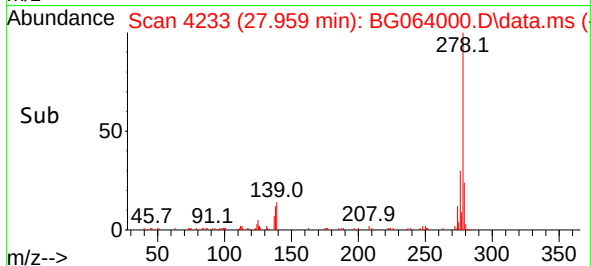
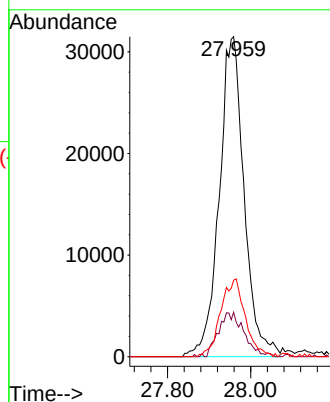
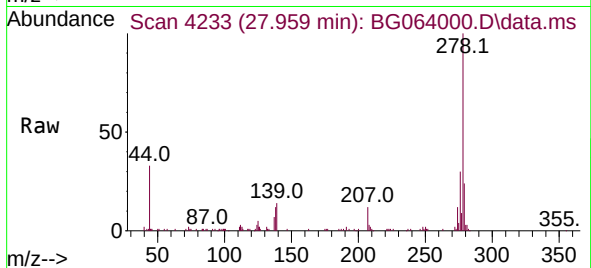
279 23.9 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#92

Benzo(g,h,i)perylene

Concen: 5.004 ng

RT: 28.940 min Scan# 4400

Delta R.T. -0.035 min

Lab File: BG064000.D

Acq: 5 Feb 2025 13:29

Tgt Ion:276 Resp: 129442

Ion Ratio Lower Upper

276 100

277 21.8 18.2 27.4

138 19.0 15.8 23.6

