

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064295.D
 Acq On : 5 Sep 2025 16:30
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Sep 05 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	26748	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	113648	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	85122	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	212184	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	230161	20.000	ng	# 0.00
86) Perylene-d12	24.459	264	250643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	167806	112.554	ng	0.00
7) Phenol-d6	7.021	99	238757	116.567	ng	0.00
23) Nitrobenzene-d5	9.007	82	184882	90.727	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	163541	145.050	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	475719	85.303	ng	0.00
79) Terphenyl-d14	19.841	244	1014272	91.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	4429	7.127	ng	88
3) Pyridine	3.748	79	11430	6.249	ng	# 53
4) n-Nitrosodimethylamine	3.660	42	8730	7.215	ng	93
6) Aniline	7.180	93	19461	6.871	ng	96
8) 2-Chlorophenol	7.421	128	12355	6.782	ng	97
9) Benzaldehyde	6.998	77	11586	6.874	ng	98
10) Phenol	7.045	94	15077	6.677	ng	# 77
11) bis(2-Chloroethyl)ether	7.280	93	10672	6.289	ng	98
12) 1,3-Dichlorobenzene	7.744	146	14204	7.329	ng	88
13) 1,4-Dichlorobenzene	7.891	146	14482	7.404	ng	94
14) 1,2-Dichlorobenzene	8.208	146	13975	7.403	ng	91
15) Benzyl Alcohol	8.085	79	13770	7.285	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.384	45	22278	5.750	ng	98
17) 2-Methylphenol	8.290	107	11438	6.796	ng	88
18) Hexachloroethane	8.931	117	5764	7.549	ng	# 60
19) n-Nitroso-di-n-propyla...	8.649	70	10722	6.840	ng	88
20) 3+4-Methylphenols	8.613	107	15384	6.578	ng	94
22) Acetophenone	8.666	105	22372	7.781	ng	# 86
24) Nitrobenzene	9.042	77	16850	7.914	ng	93
25) Isophorone	9.565	82	30625	7.231	ng	100
26) 2-Nitrophenol	9.753	139	6752	7.339	ng	97
27) 2,4-Dimethylphenol	9.818	122	12823	7.939	ng	92
28) bis(2-Chloroethoxy)met...	10.047	93	16345	7.157	ng	92
29) 2,4-Dichlorophenol	10.288	162	12832	7.530	ng	94
30) 1,2,4-Trichlorobenzene	10.499	180	14213	7.910	ng	98
31) Naphthalene	10.687	128	43616	7.401	ng	# 94
32) Benzoic acid	9.912	122	7512m	5.859	ng	
33) 4-Chloroaniline	10.793	127	18592	8.140	ng	99
34) Hexachlorobutadiene	10.975	225	11551	8.696	ng	96
35) Caprolactam	11.539	113	5185	7.857	ng	# 78
36) 4-Chloro-3-methylphenol	11.921	107	16949	7.665	ng	95
37) 2-Methylnaphthalene	12.297	142	29700	6.780	ng	96
38) 1-Methylnaphthalene	12.515	142	32143	7.429	ng	99
40) 1,2,4,5-Tetrachloroben...	12.667	216	18858	7.678	ng	98
41) Hexachlorocyclopentadiene	12.650	237	10318	8.839	ng	79
43) 2,4,6-Trichlorophenol	12.908	196	12971	7.902	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064295.D
 Acq On : 5 Sep 2025 16:30
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025

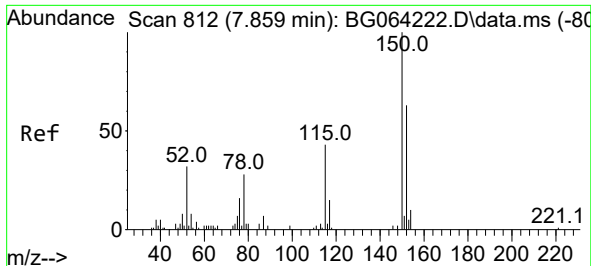
Quant Time: Sep 05 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

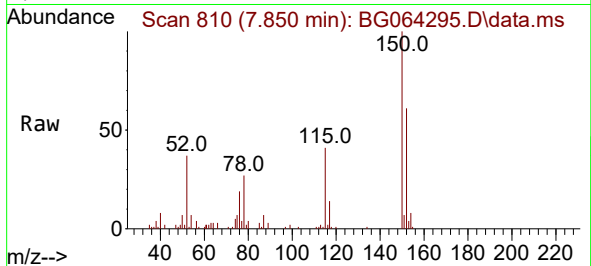
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	13746	7.719	ng	92
46) 1,1'-Biphenyl	13.308	154	48011	7.744	ng	92
47) 2-Chloronaphthalene	13.349	162	34009	7.297	ng	98
48) 2-Nitroaniline	13.549	65	11974	7.537	ng	97
49) Acenaphthylene	14.195	152	58366	8.471	ng	# 94
50) Dimethylphthalate	13.931	163	49374	7.663	ng	99
51) 2,6-Dinitrotoluene	14.048	165	9976	7.998	ng	95
52) Acenaphthene	14.542	154	36563	7.520	ng	97
53) 3-Nitroaniline	14.371	138	10311	7.892	ng	86
54) 2,4-Dinitrophenol	14.583	184	4529	10.816	ng	91
55) Dibenzofuran	14.877	168	60299	7.884	ng	97
56) 4-Nitrophenol	14.689	139	6761	6.308	ng	# 90
57) 2,4-Dinitrotoluene	14.835	165	15469	8.202	ng	# 94
58) Fluorene	15.523	166	49775	7.940	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.106	232	14487	8.458	ng	# 93
60) Diethylphthalate	15.300	149	54921	7.965	ng	98
61) 4-Chlorophenyl-phenyle...	15.517	204	25295	8.093	ng	98
62) 4-Nitroaniline	15.535	138	10276	7.708	ng	# 78
63) Azobenzene	15.811	77	46278	7.530	ng	97
65) 4,6-Dinitro-2-methylph...	15.599	198	9262	7.603	ng	88
66) n-Nitrosodiphenylamine	15.734	169	42548	7.289	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	18714	8.304	ng	90
68) Hexachlorobenzene	16.528	284	19201	7.672	ng	91
69) Atrazine	16.680	200	18911	7.759	ng	98
70) Pentachlorophenol	16.874	266	11109	7.321	ng	96
71) Phenanthrene	17.262	178	84547	7.555	ng	97
72) Anthracene	17.350	178	86382	7.588	ng	99
73) Carbazole	17.615	167	75013	7.480	ng	99
74) Di-n-butylphthalate	18.190	149	92515	7.679	ng	99
75) Fluoranthene	19.271	202	100810	7.661	ng	96
77) Benzidine	19.454	184	47153	9.739	ng	97
78) Pyrene	19.630	202	104392	7.199	ng	98
80) Butylbenzylphthalate	20.529	149	40558	7.416	ng	97
81) Benzo(a)anthracene	21.434	228	109733	7.452	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	39693	8.277	ng	98
83) Chrysene	21.492	228	103262	7.305	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	61581	7.500	ng	99
85) Di-n-octyl phthalate	22.497	149	100896	7.052	ng	99
87) Indeno(1,2,3-cd)pyrene	27.838	276	125790	7.349	ng	96
88) Benzo(b)fluoranthene	23.508	252	106598m	7.536	ng	
89) Benzo(k)fluoranthene	23.572	252	106452	7.387	ng	# 96
90) Benzo(a)pyrene	24.313	252	104506	7.942	ng	98
91) Dibenzo(a,h)anthracene	27.891	278	105589	7.683	ng	# 96
92) Benzo(g,h,i)perylene	28.884	276	101612	7.598	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.850 min Scan# 812
Delta R.T. -0.009 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

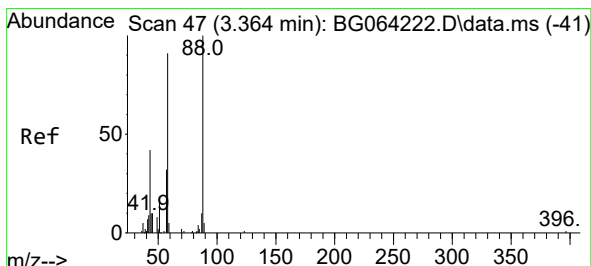
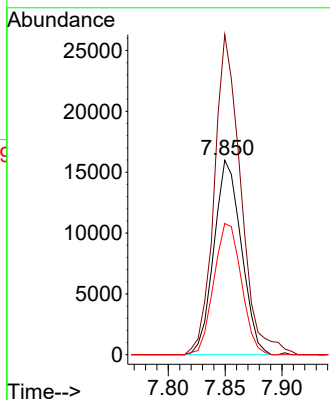
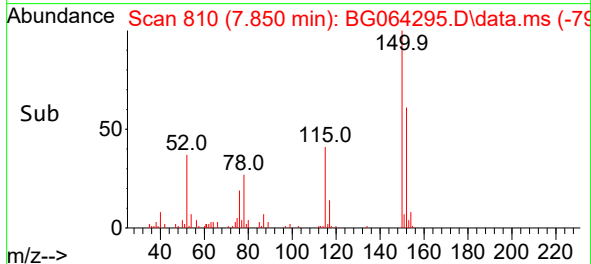
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 152 Resp: 26748
Ion Ratio Lower Upper
152 100
150 164.6 128.0 192.0
115 67.5 55.7 83.5

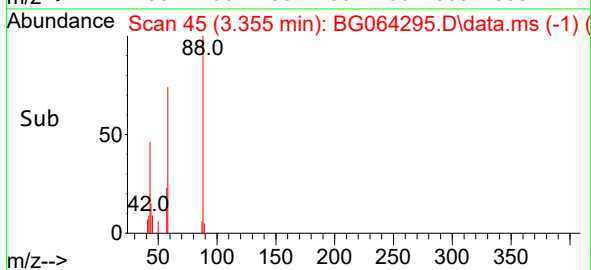
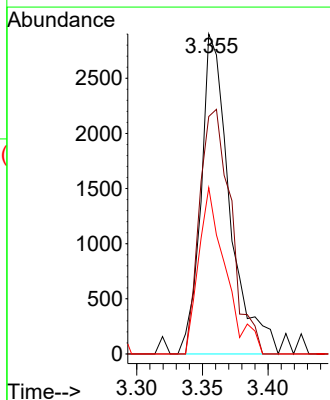
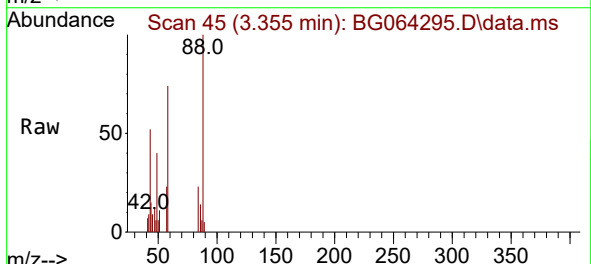
Manual Integrations
APPROVED

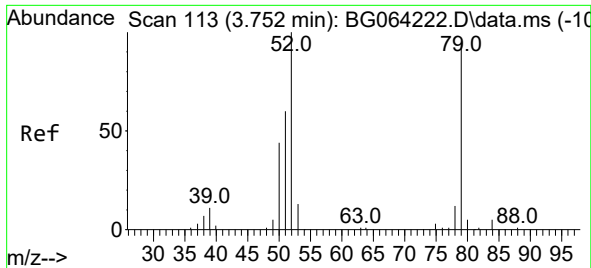
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#2
1,4-Dioxane
Concen: 7.127 ng
RT: 3.355 min Scan# 45
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

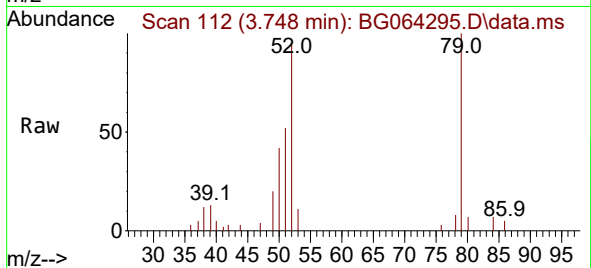
Tgt Ion: 88 Resp: 4429
Ion Ratio Lower Upper
88 100
58 83.7 80.8 121.2
43 48.9 40.3 60.5





#3
Pyridine
Concen: 6.249 ng
RT: 3.748 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

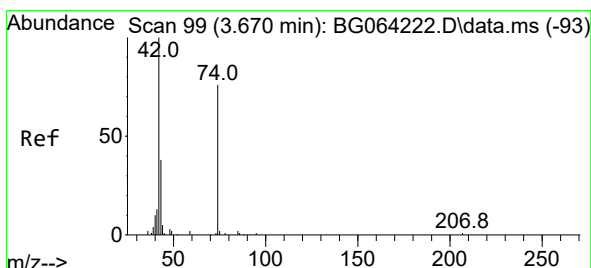
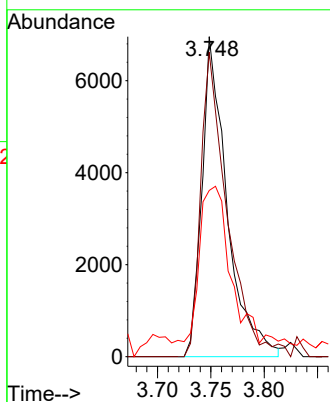
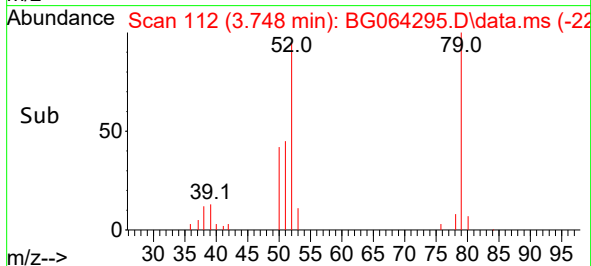
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 79 Resp: 11430
Ion Ratio Lower Upper
79 100
52 95.1 86.6 129.8
51 51.9 114.1 171.1

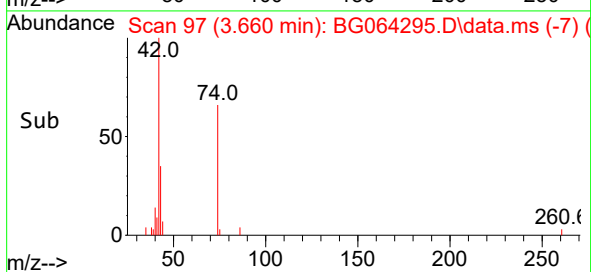
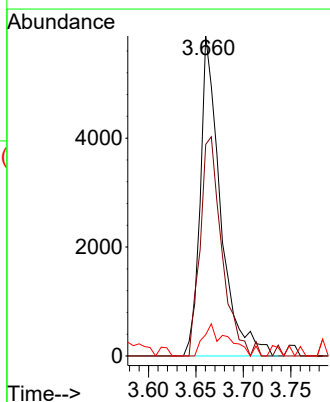
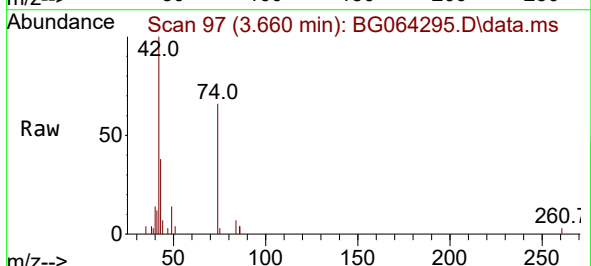
Manual Integrations
APPROVED

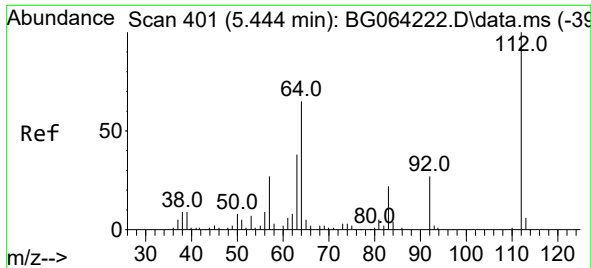
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#4
n-Nitrosodimethylamine
Concen: 7.215 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

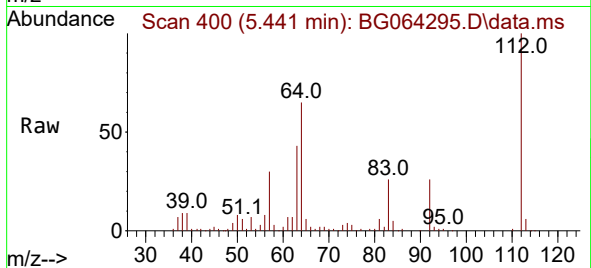
Tgt Ion: 42 Resp: 8730
Ion Ratio Lower Upper
42 100
74 66.1 58.0 87.0
44 6.7 5.5 8.3





#5
2-Fluorophenol
Concen: 112.554 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

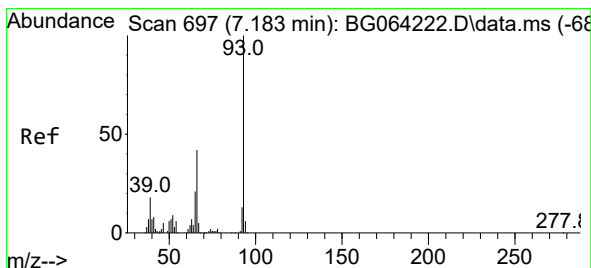
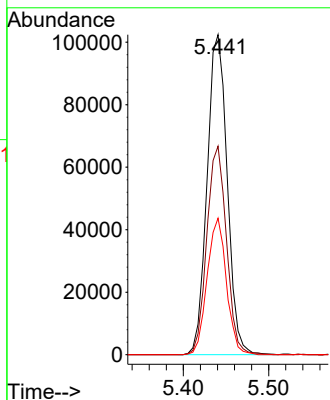
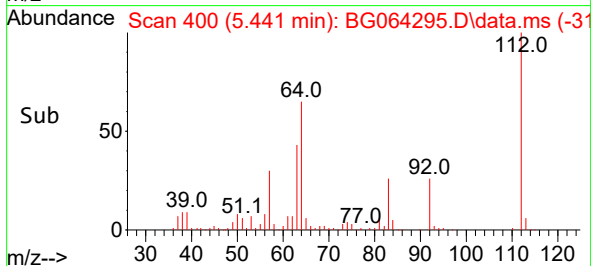
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



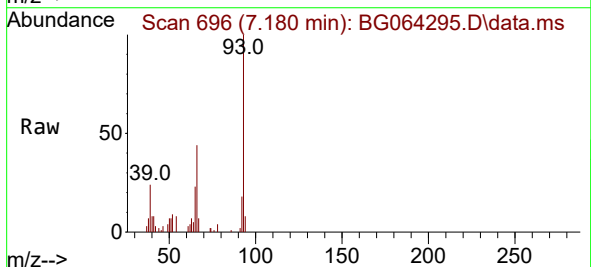
Tgt Ion:112 Resp: 167800
Ion Ratio Lower Upper
112 100
64 65.1 51.8 77.6
63 42.7 30.6 45.8

Manual Integrations
APPROVED

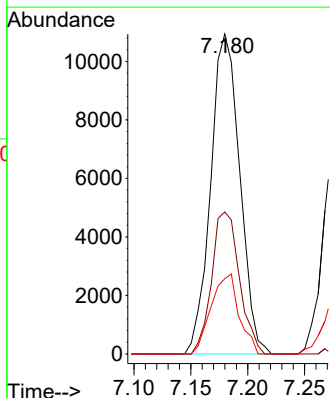
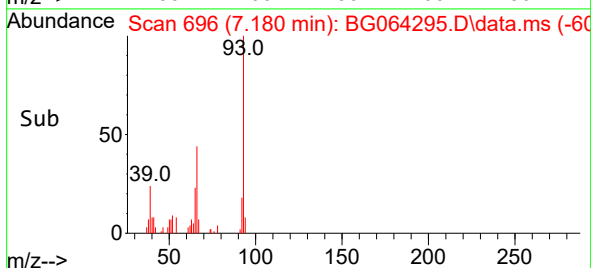
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

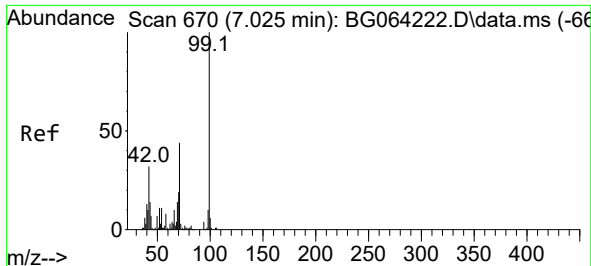


#6
Aniline
Concen: 6.871 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



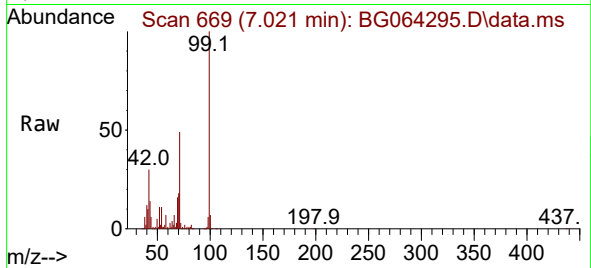
Tgt Ion: 93 Resp: 19461
Ion Ratio Lower Upper
93 100
66 44.4 33.8 50.8
65 23.5 16.9 25.3





#7
Phenol-d6
Concen: 116.567 ng
RT: 7.021 min Scan# 609
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

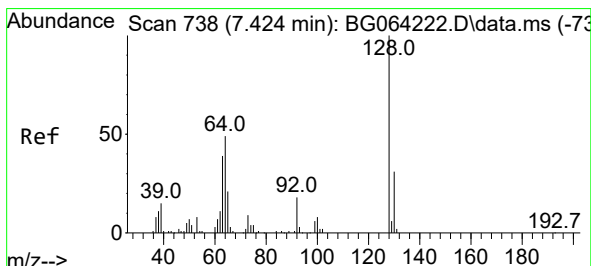
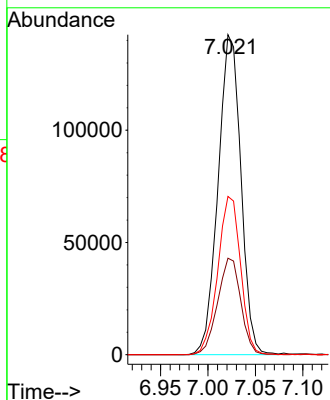
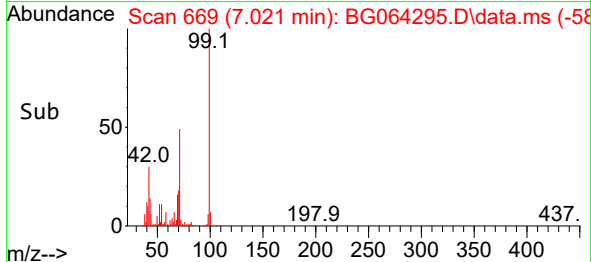
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 99 Resp: 23875
Ion Ratio Lower Upper
99 100
42 30.2 25.8 38.8
71 49.5 35.2 52.8

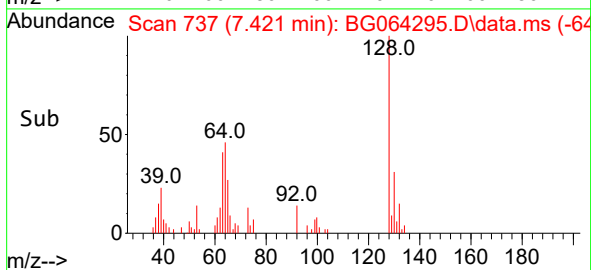
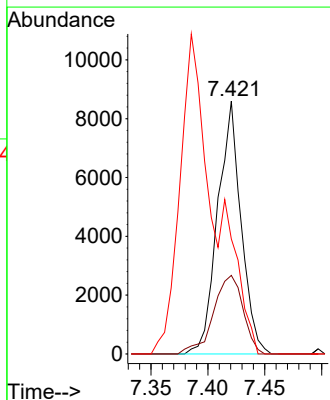
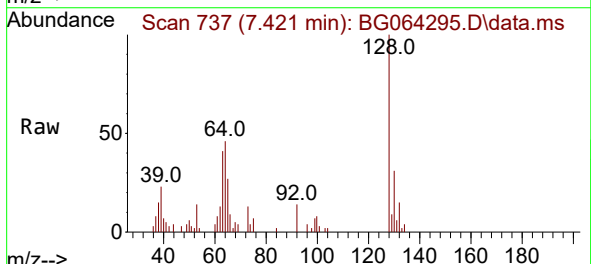
Manual Integrations
APPROVED

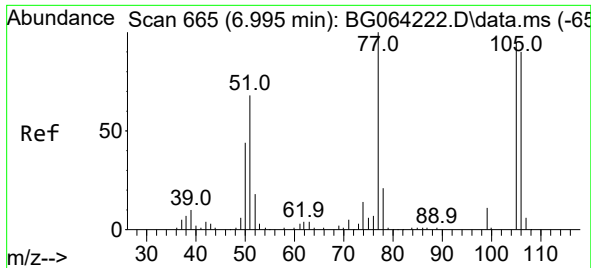
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#8
2-Chlorophenol
Concen: 6.782 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:128 Resp: 12355
Ion Ratio Lower Upper
128 100
130 31.1 10.9 50.9
64 45.5 28.7 68.7





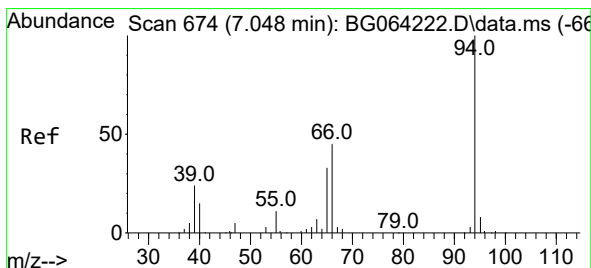
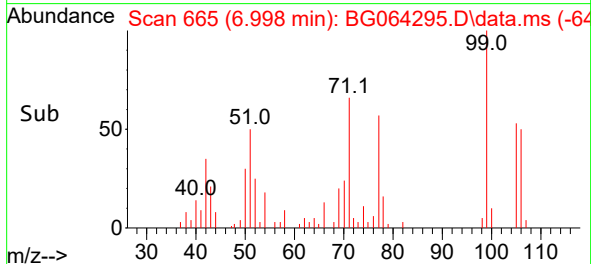
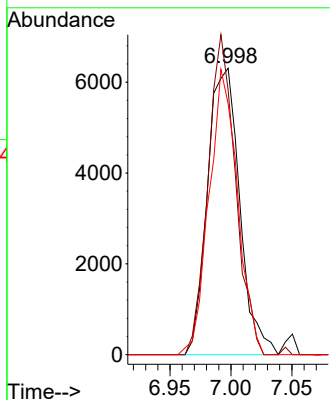
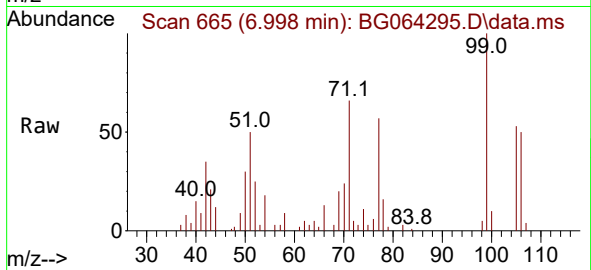
#9
Benzaldehyde
Concen: 6.874 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 1158
Ion Ratio Lower Upper
77 100
105 92.4 75.2 115.2
106 87.7 69.6 109.6

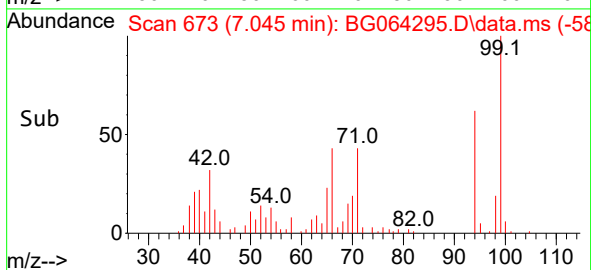
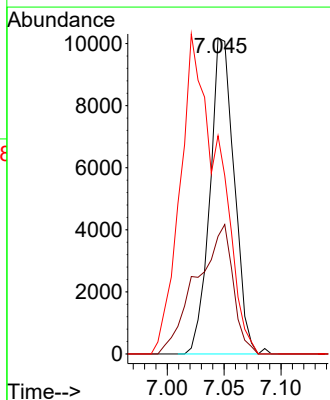
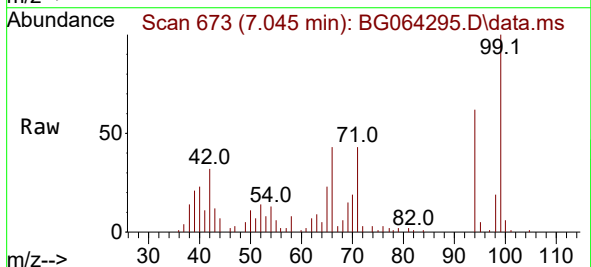
Manual Integrations
APPROVED

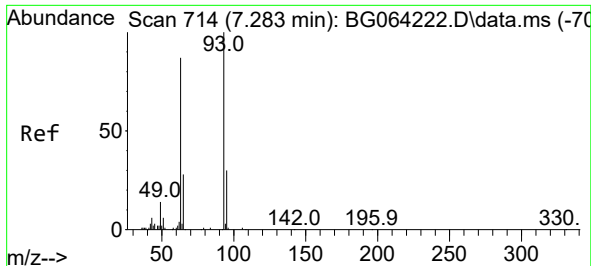
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#10
Phenol
Concen: 6.677 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

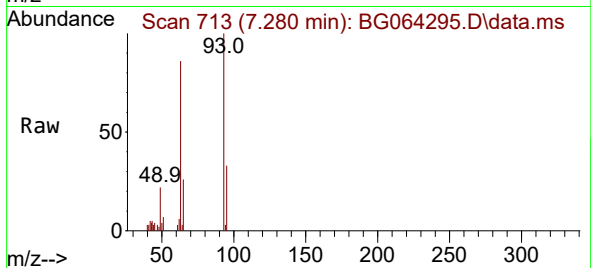
Tgt Ion: 94 Resp: 15077
Ion Ratio Lower Upper
94 100
65 37.3 13.5 53.5
66 69.1 26.2 66.2#





#11
bis(2-Chloroethyl)ether
Concen: 6.289 ng
RT: 7.280 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

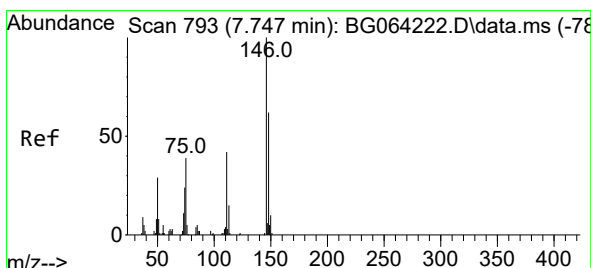
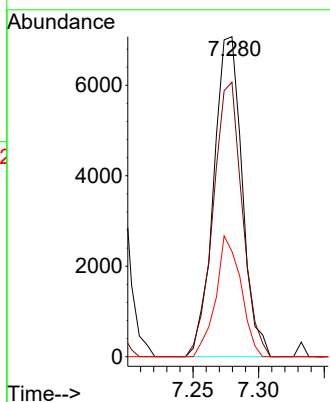
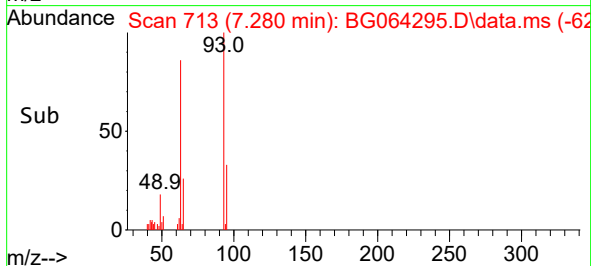
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 93 Resp: 10672
Ion Ratio Lower Upper
93 100
63 85.8 66.2 106.2
95 32.9 9.8 49.8

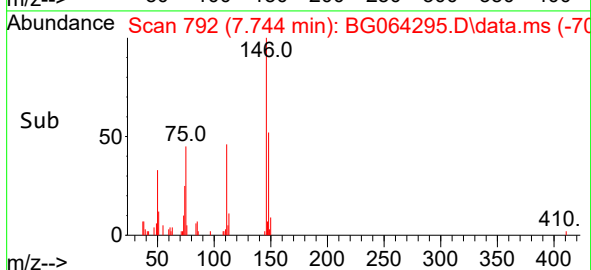
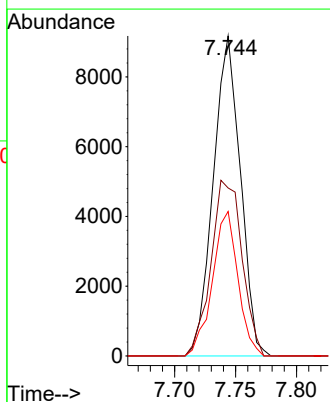
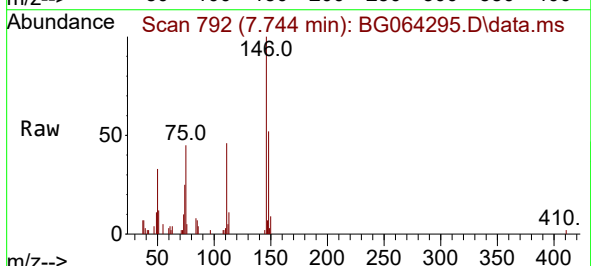
Manual Integrations
APPROVED

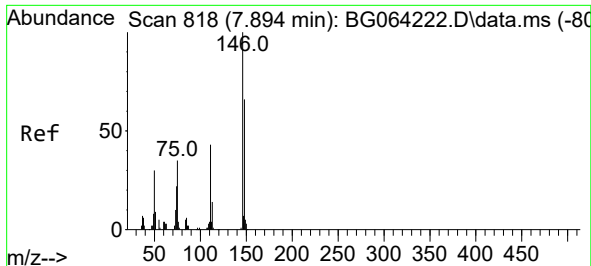
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#12
1,3-Dichlorobenzene
Concen: 7.329 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:146 Resp: 14204
Ion Ratio Lower Upper
146 100
148 52.5 49.6 74.4
75 45.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 7.404 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

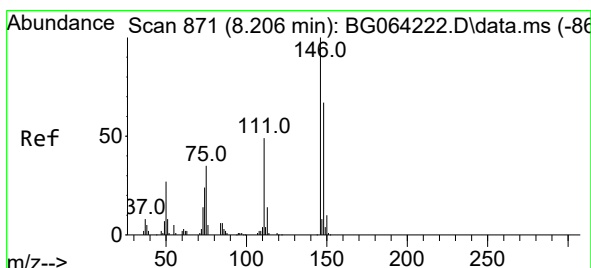
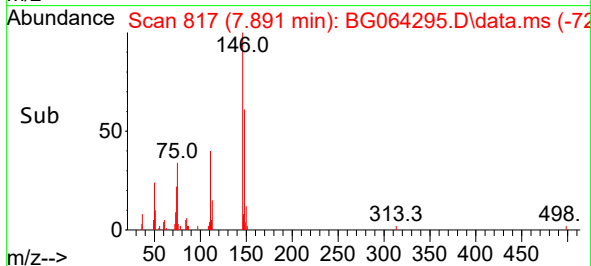
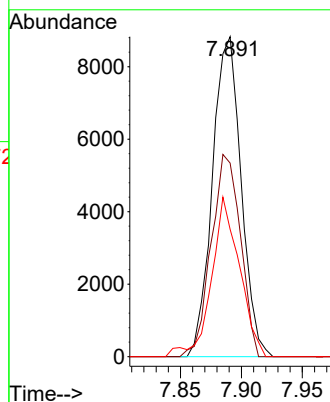
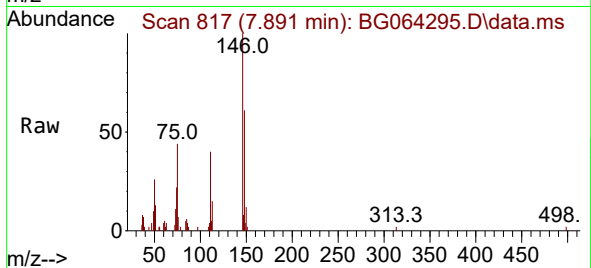
Tgt Ion:146	Resp:	1448
Ion Ratio	Lower	Upper
146	100	
148	60.5	52.8 79.2
111	39.8	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#14

1,2-Dichlorobenzene

Concen: 7.403 ng

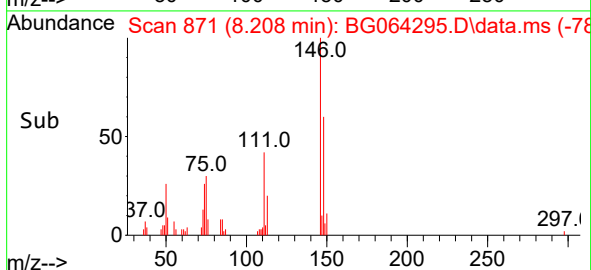
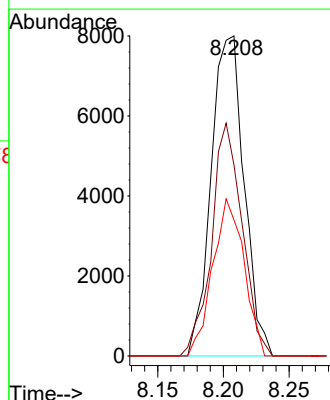
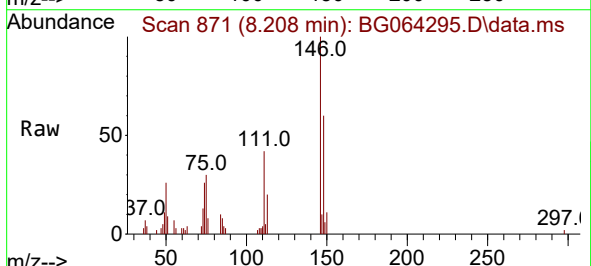
RT: 8.208 min Scan# 871

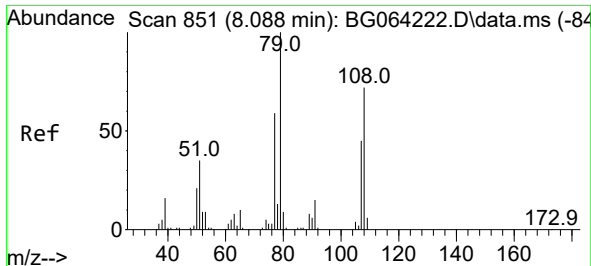
Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

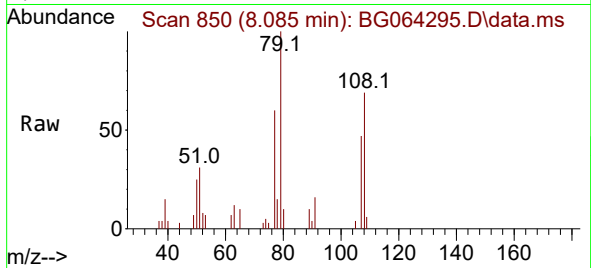
Tgt Ion:146	Resp:	13975
Ion Ratio	Lower	Upper
146	100	
148	59.7	53.4 80.0
111	42.5	39.1 58.7





#15
Benzyl Alcohol
Concen: 7.285 ng
RT: 8.085 min Scan# 801
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

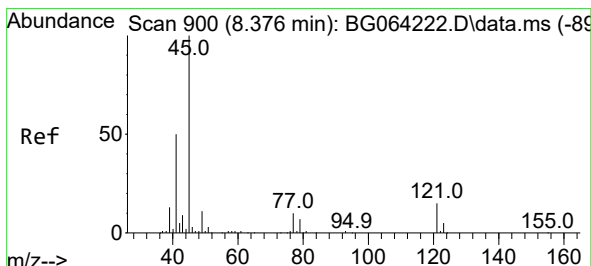
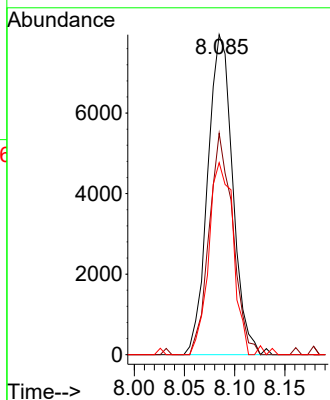
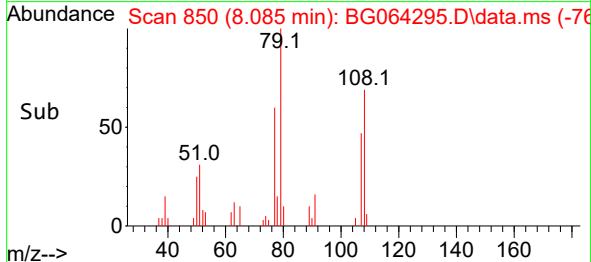
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



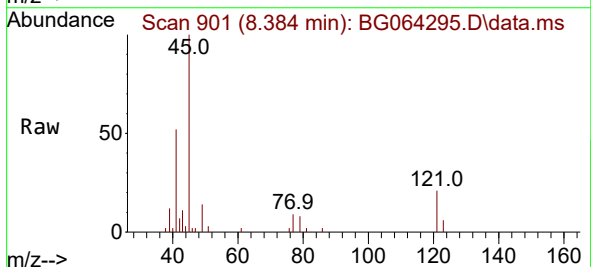
Tgt Ion: 79 Resp: 13770
Ion Ratio Lower Upper
79 100
108 69.2 57.4 86.0
77 60.0 47.2 70.8

Manual Integrations
APPROVED

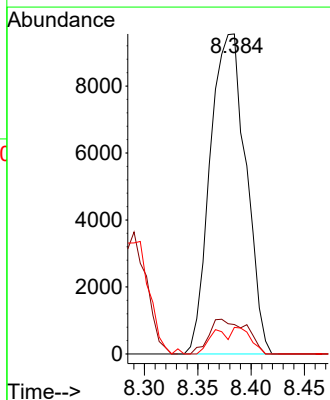
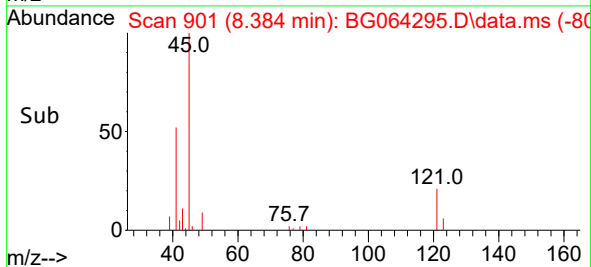
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

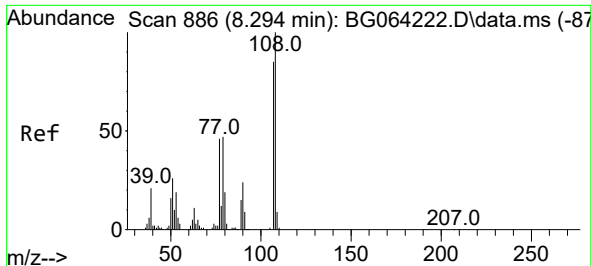


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.750 ng
RT: 8.384 min Scan# 901
Delta R.T. 0.008 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



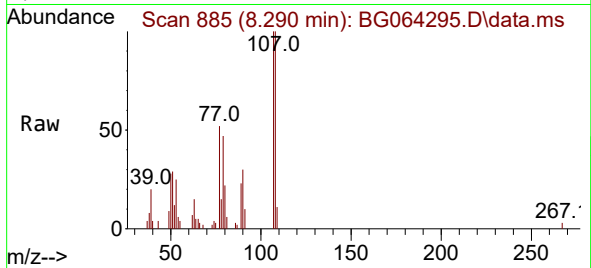
Tgt Ion: 45 Resp: 22278
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 8.3 0.0 27.9





#17
2-Methylphenol
Concen: 6.796 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

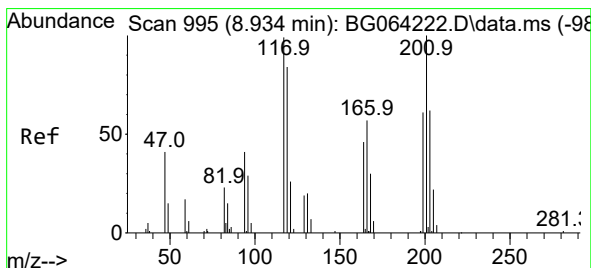
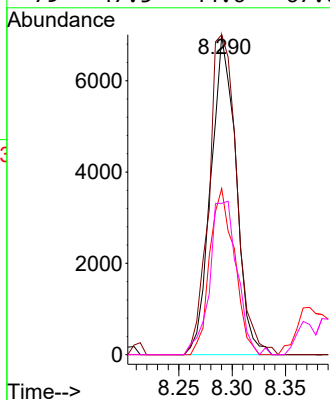
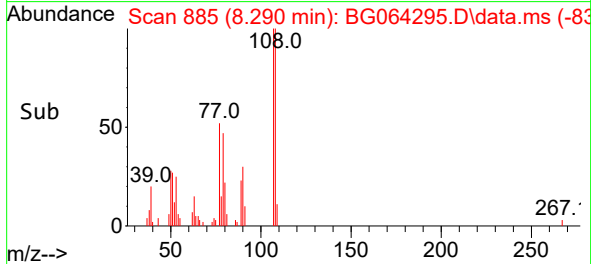
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:	107	Resp:	11438
Ion	Ratio	Lower	Upper
107	100		
108	100.3	94.6	141.8
77	52.1	43.7	65.5
79	47.5	44.6	67.0

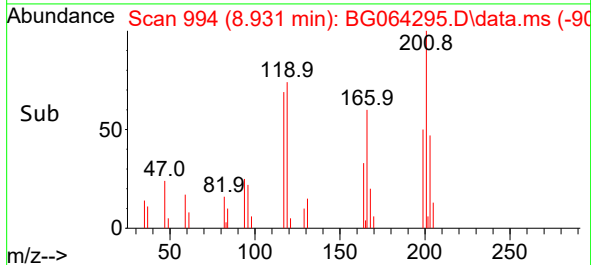
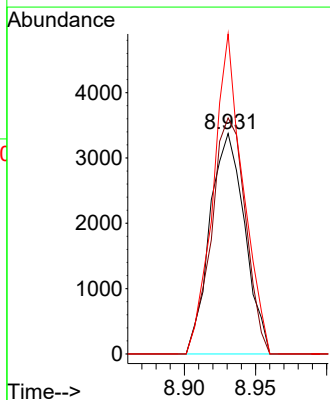
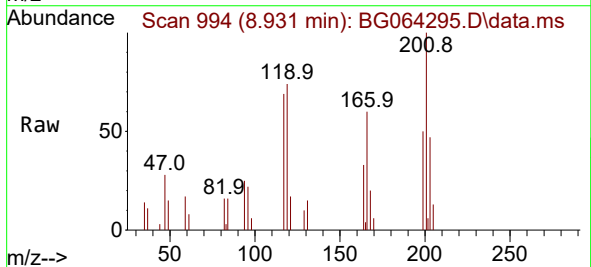
Manual Integrations
APPROVED

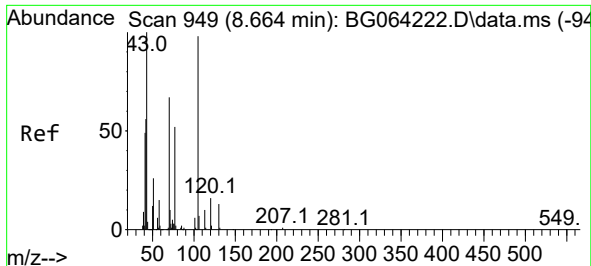
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#18
Hexachloroethane
Concen: 7.549 ng
RT: 8.931 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

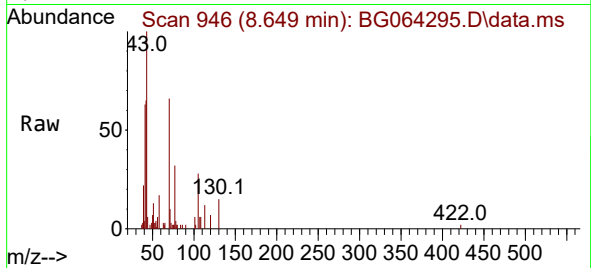
Tgt Ion:	117	Resp:	5764
Ion	Ratio	Lower	Upper
117	100		
119	107.1	67.9	101.9#
201	153.9	80.5	120.7#





#19
n-Nitroso-di-n-propylamine
Concen: 6.840 ng
RT: 8.649 min Scan# 949
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

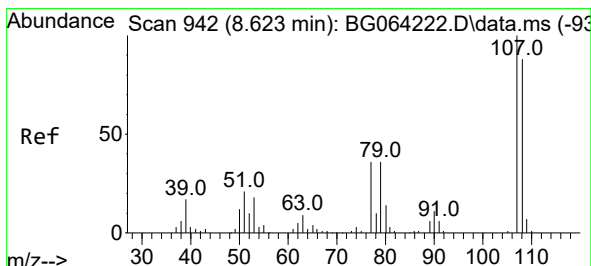
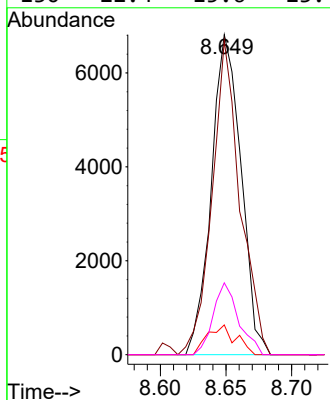
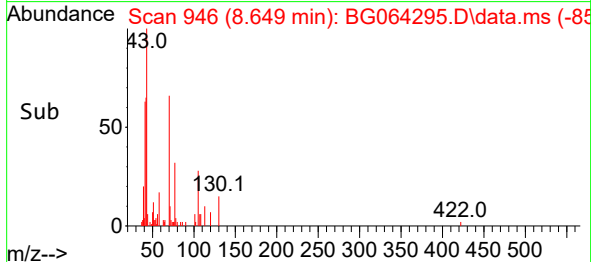
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



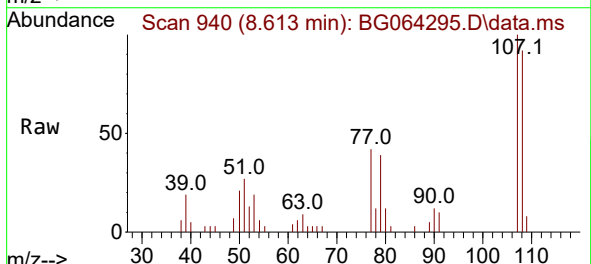
Tgt Ion: 70 Resp: 1072
Ion Ratio Lower Upper
70 100
42 98.1 67.9 101.9
101 9.3 7.3 10.9
130 22.4 15.6 23.4

Manual Integrations
APPROVED

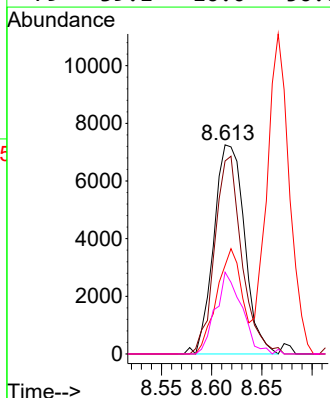
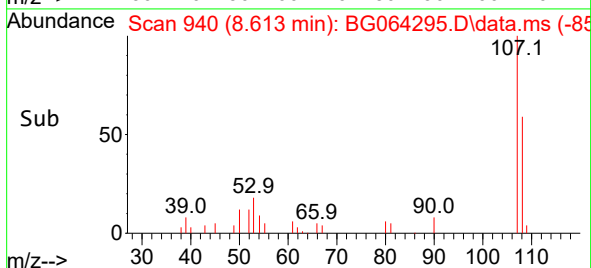
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

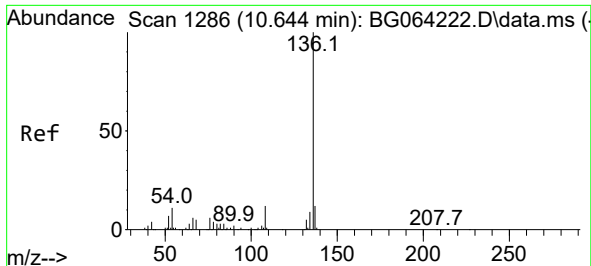


#20
3+4-Methylphenols
Concen: 6.578 ng
RT: 8.613 min Scan# 940
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



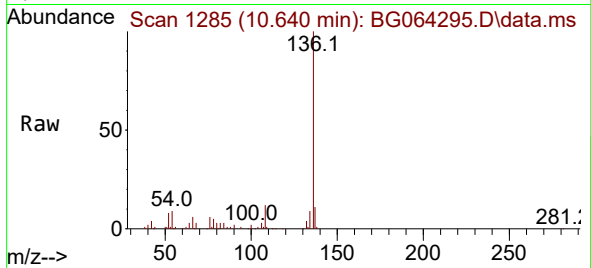
Tgt Ion:107 Resp: 15384
Ion Ratio Lower Upper
107 100
108 92.3 68.1 108.1
77 42.3 15.9 55.9
79 39.1 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11364
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

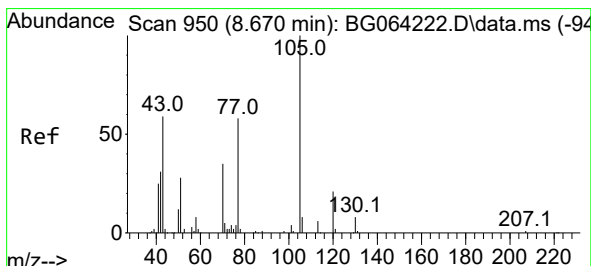
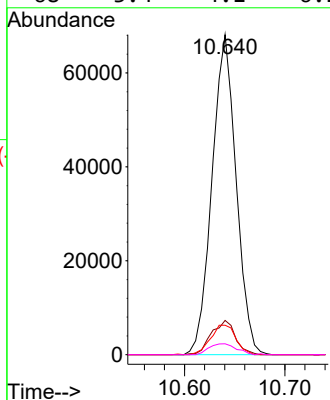
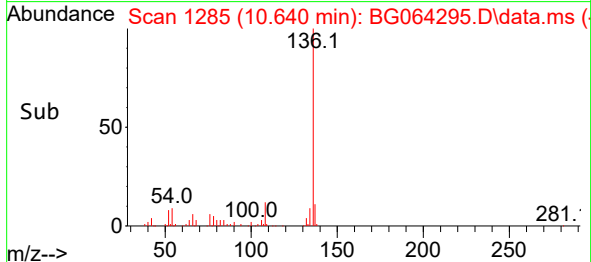
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:136 Resp: 11364
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.2 8.8 13.2
68 3.4 4.1 6.1#

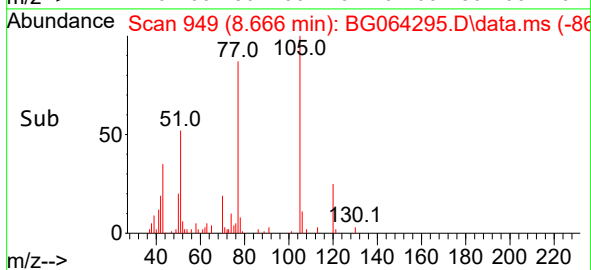
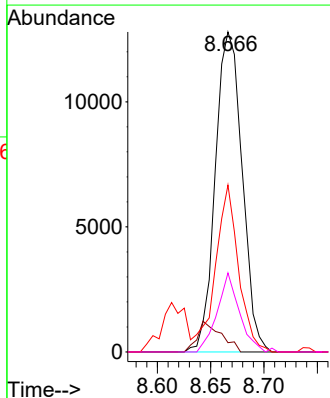
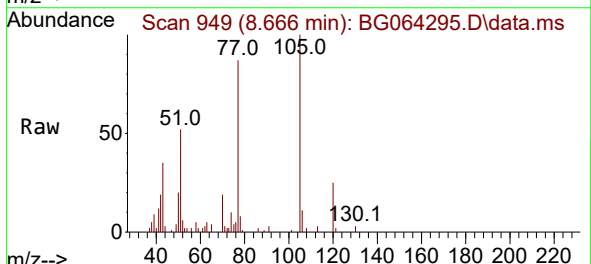
Manual Integrations
APPROVED

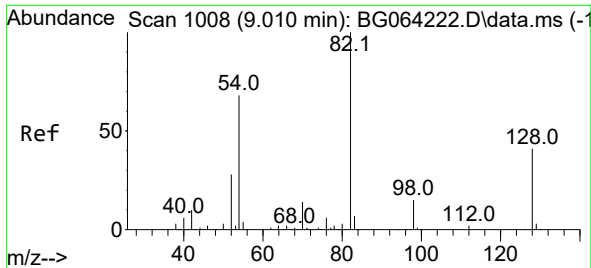
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#22
Acetophenone
Concen: 7.781 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

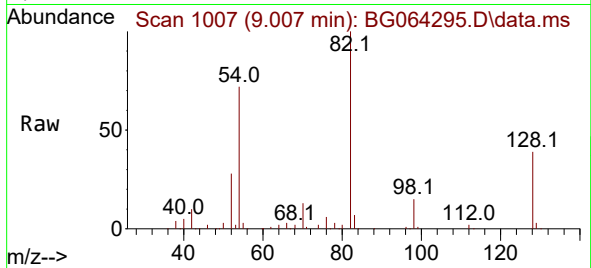
Tgt Ion:105 Resp: 22372
Ion Ratio Lower Upper
105 100
71 2.9 4.3 6.5#
51 52.1 32.4 48.6#
120 24.7 16.8 25.2





#23
Nitrobenzene-d5
Concen: 90.727 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

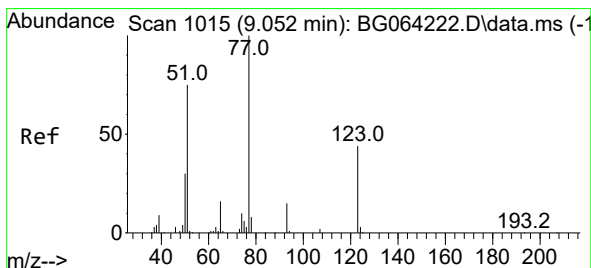
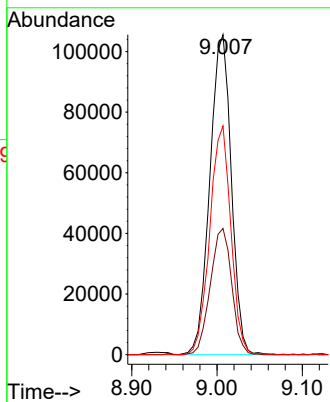
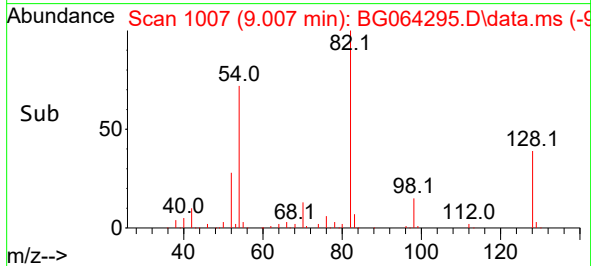
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 82 Resp: 18488
Ion Ratio Lower Upper
82 100
128 39.5 32.6 48.8
54 71.5 54.7 82.1

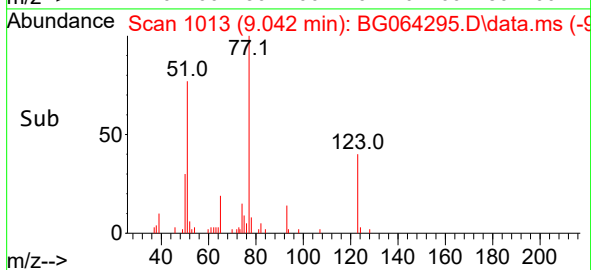
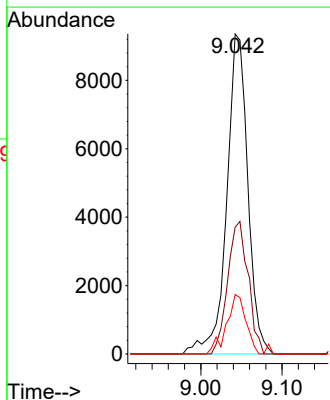
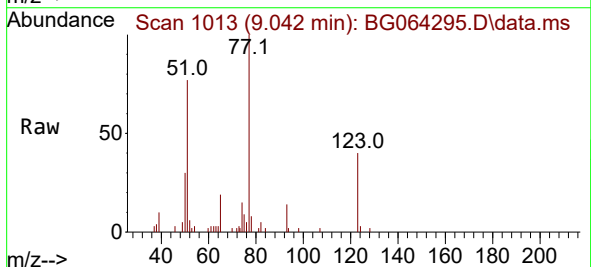
Manual Integrations
APPROVED

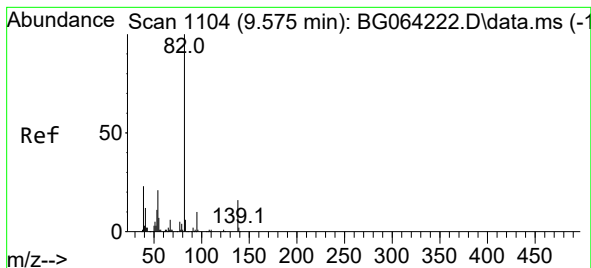
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#24
Nitrobenzene
Concen: 7.914 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion: 77 Resp: 16850
Ion Ratio Lower Upper
77 100
123 39.7 35.2 52.8
65 18.6 12.6 19.0





#25

Isophorone

Concen: 7.231 ng

RT: 9.565 min Scan# 1102

Delta R.T. -0.021 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

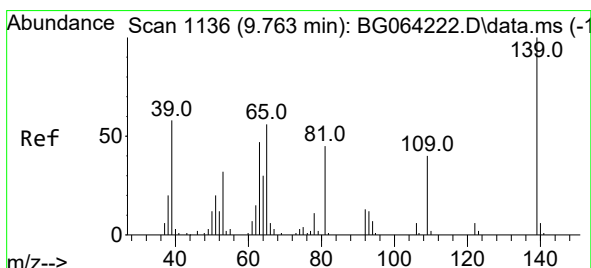
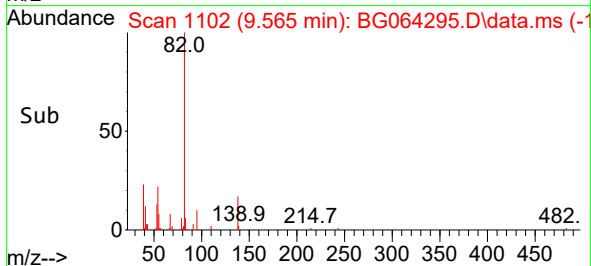
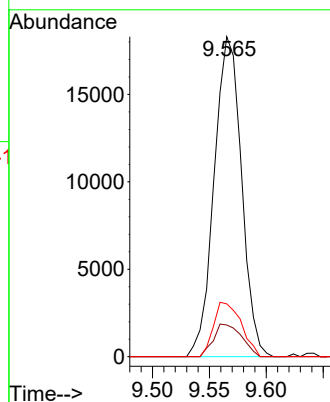
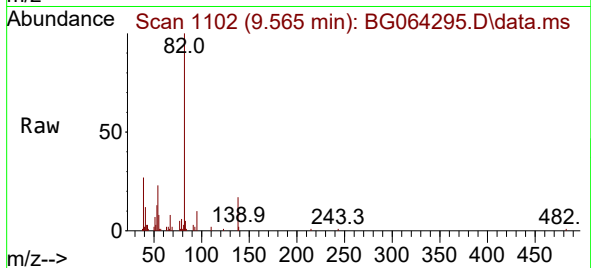
Tgt Ion: 82	Resp: 3062
Ion Ratio	Lower Upper
82 100	
95 9.9	7.9 11.9
138 16.5	13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#26

2-Nitrophenol

Concen: 7.339 ng

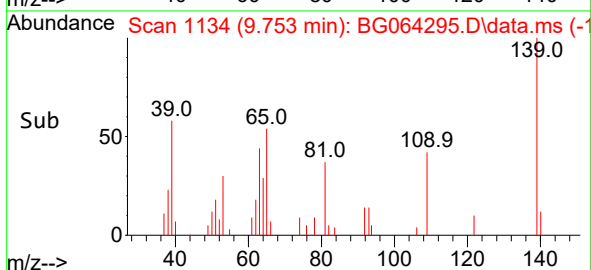
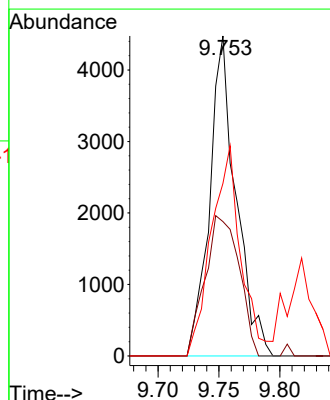
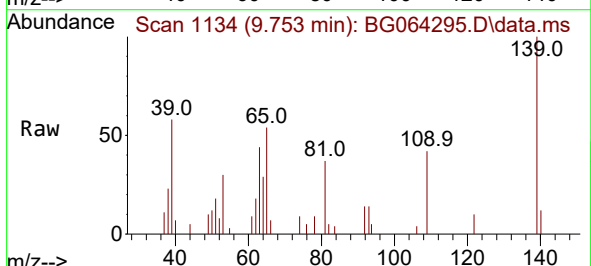
RT: 9.753 min Scan# 1134

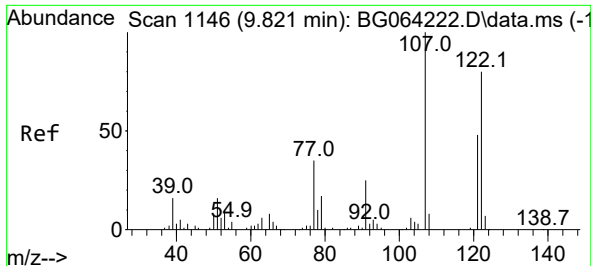
Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Tgt Ion:139	Resp: 6752
Ion Ratio	Lower Upper
139 100	
109 42.0	32.4 48.6
65 53.9	44.6 67.0





#27

2,4-Dimethylphenol

Concen: 7.939 ng

RT: 9.818 min Scan# 1145

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

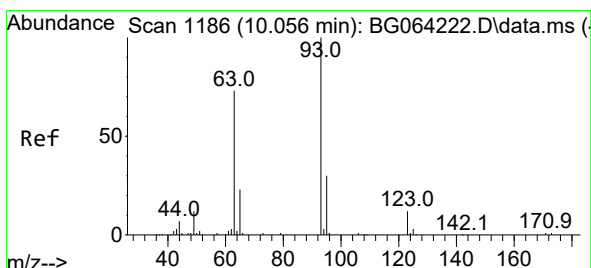
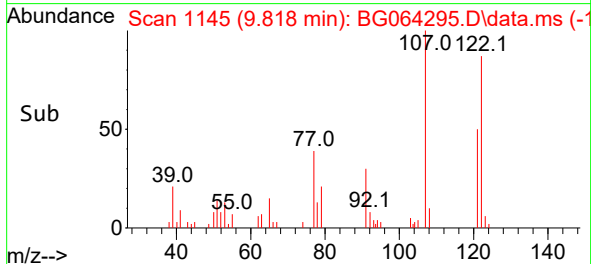
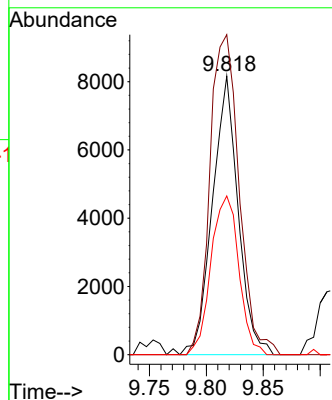
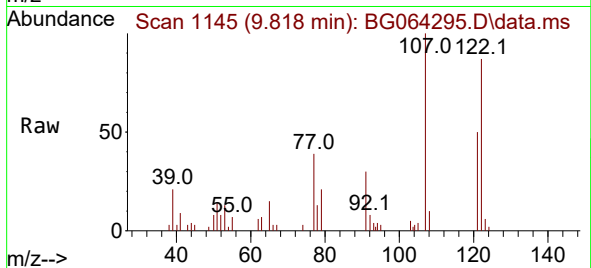
Tgt Ion:122 Resp: 1282
 Ion Ratio Lower Upper
 122 100
 107 114.9 99.9 149.9
 121 57.0 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#28

bis(2-Chloroethoxy)methane

Concen: 7.157 ng

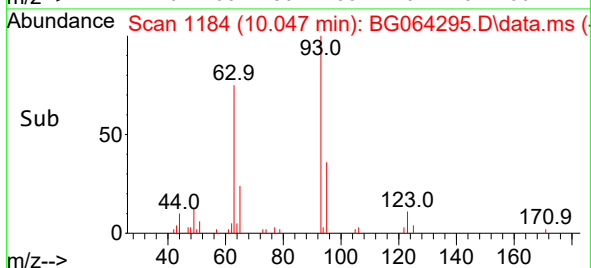
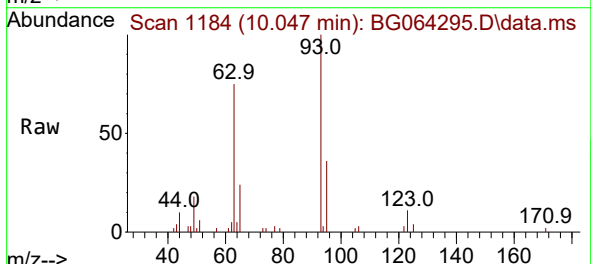
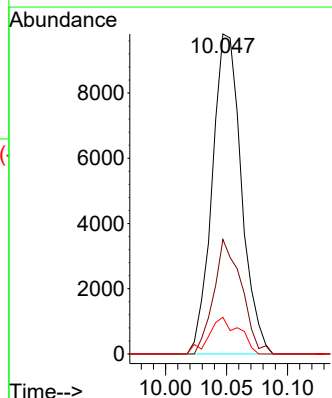
RT: 10.047 min Scan# 1184

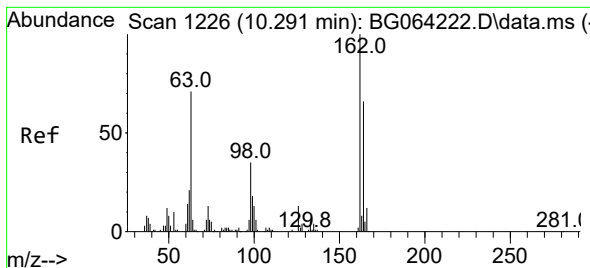
Delta R.T. -0.015 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

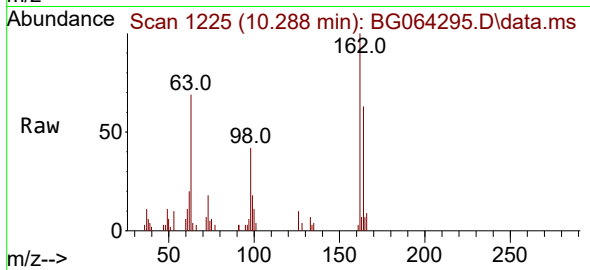
Tgt Ion: 93 Resp: 16345
 Ion Ratio Lower Upper
 93 100
 95 35.8 23.9 35.9
 123 11.4 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 7.530 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

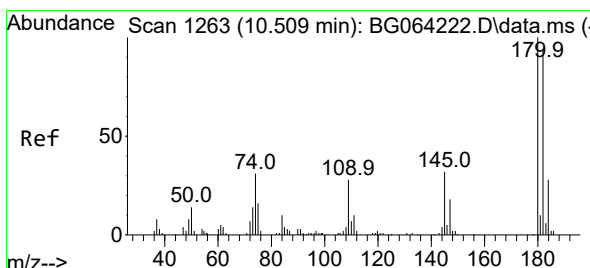
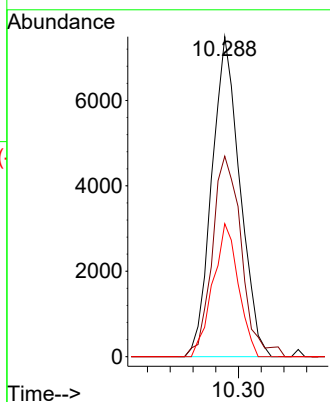
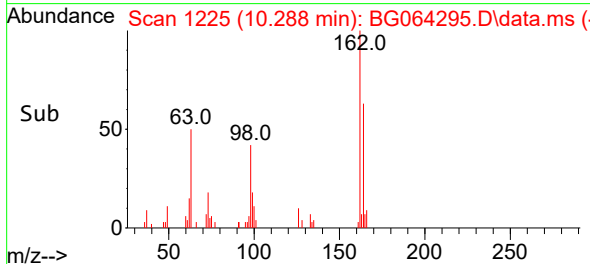
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



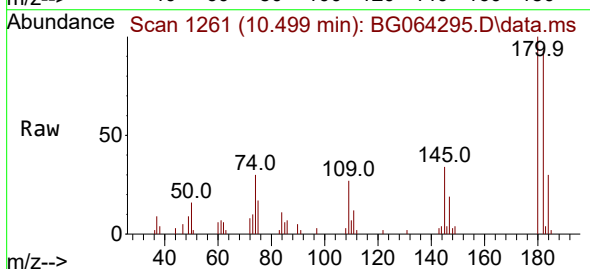
Tgt Ion:162 Resp: 12832
Ion Ratio Lower Upper
162 100
164 62.6 45.8 85.8
98 41.6 15.2 55.2

Manual Integrations
APPROVED

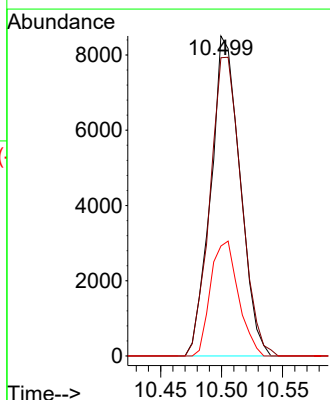
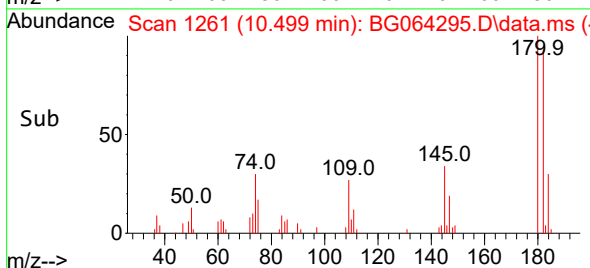
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

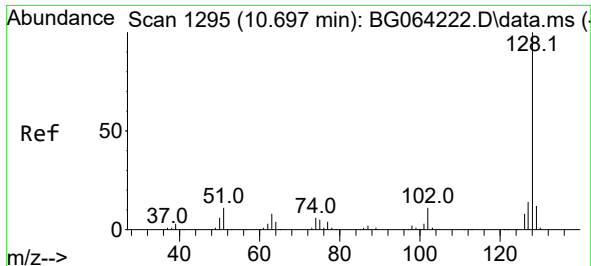


#30
1,2,4-Trichlorobenzene
Concen: 7.910 ng
RT: 10.499 min Scan# 1261
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



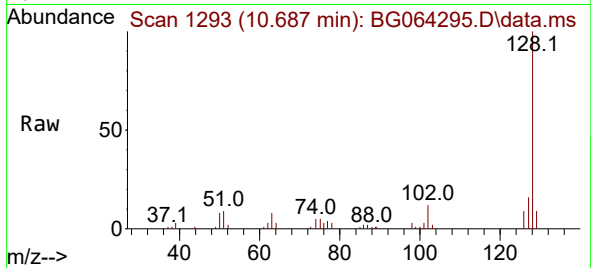
Tgt Ion:180 Resp: 14213
Ion Ratio Lower Upper
180 100
182 93.2 75.0 112.6
145 34.4 25.4 38.0





#31
Naphthalene
Concen: 7.401 ng
RT: 10.687 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

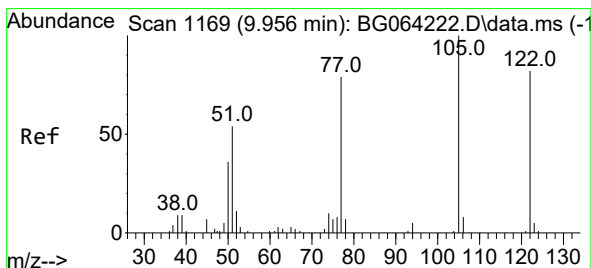
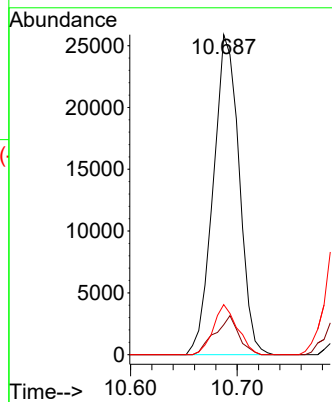
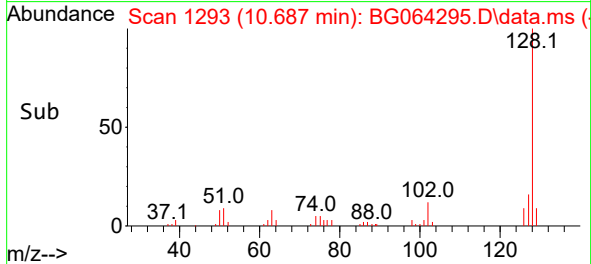
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 43610
Ion Ratio Lower Upper
128 100
129 9.3 9.4 14.2
127 15.6 10.9 16.3

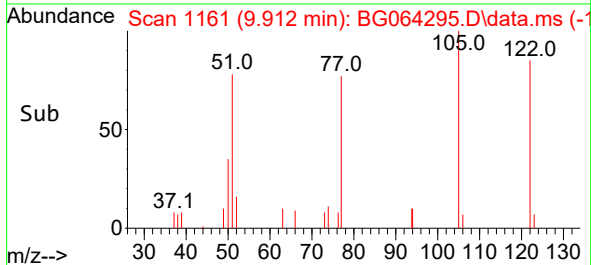
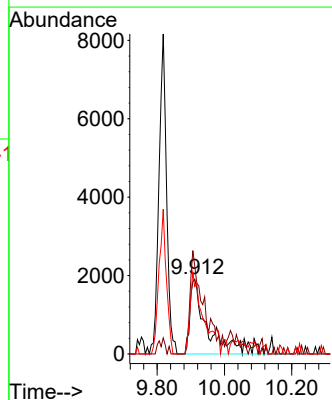
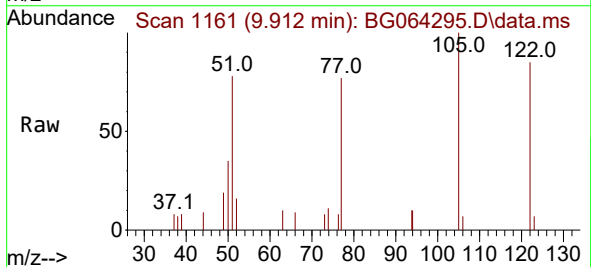
Manual Integrations
APPROVED

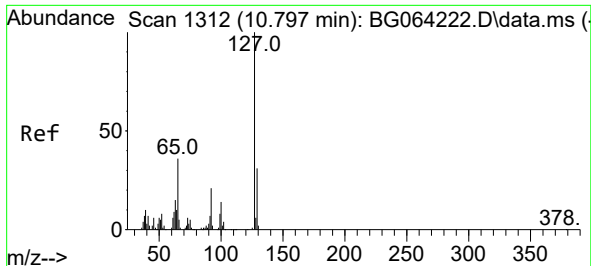
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#32
Benzoic acid
Concen: 5.859 ng m
RT: 9.912 min Scan# 1161
Delta R.T. -0.104 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

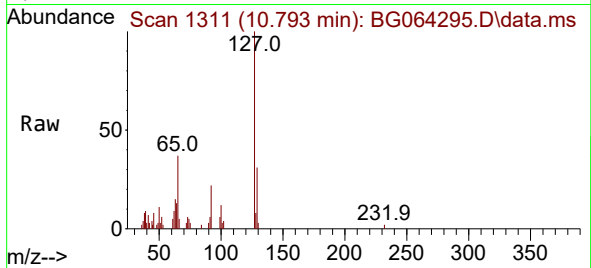
Tgt Ion:122 Resp: 7512
Ion Ratio Lower Upper
122 100
105 117.7 98.5 138.5
77 90.5 74.6 114.6





#33
4-Chloroaniline
Concen: 8.140 ng
RT: 10.793 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

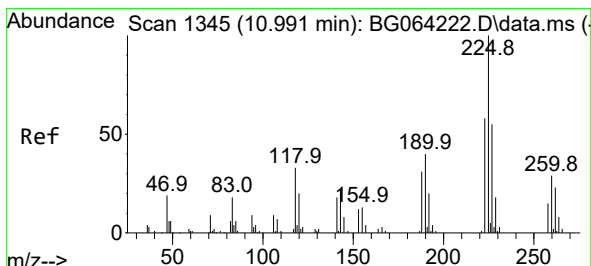
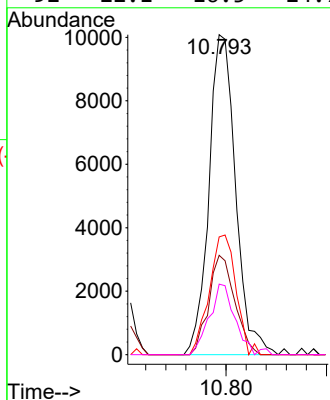
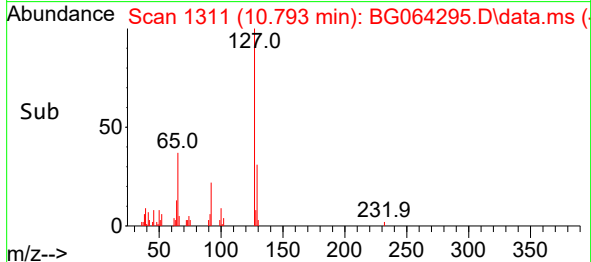
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:127 Resp: 1859
Ion Ratio Lower Upper
127 100
129 31.1 25.0 37.4
65 36.8 28.7 43.1
92 22.1 16.5 24.7

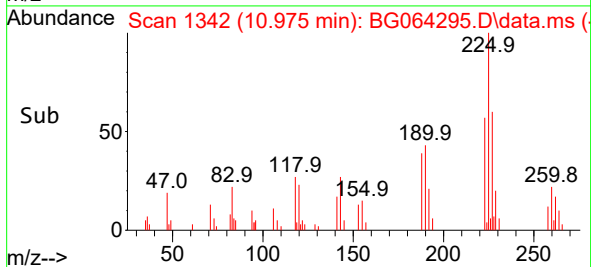
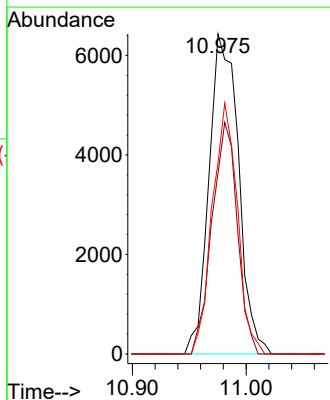
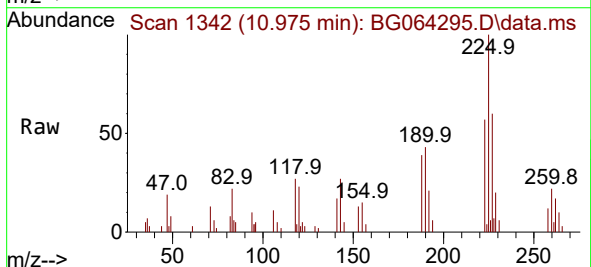
Manual Integrations
APPROVED

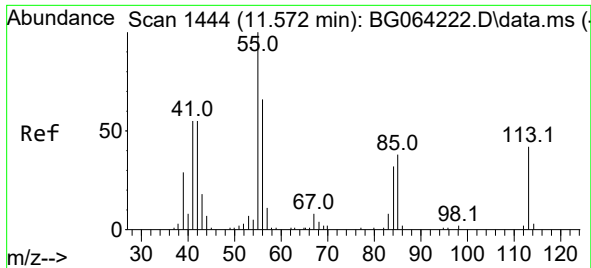
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#34
Hexachlorobutadiene
Concen: 8.696 ng
RT: 10.975 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

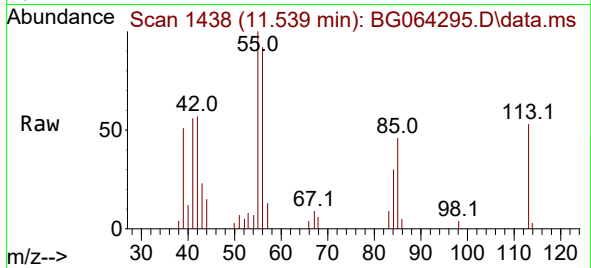
Tgt Ion:225 Resp: 11551
Ion Ratio Lower Upper
225 100
223 56.6 46.5 69.7
227 59.7 44.1 66.1





#35
Caprolactam
Concen: 7.857 ng
RT: 11.539 min Scan# 1444
Delta R.T. -0.062 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

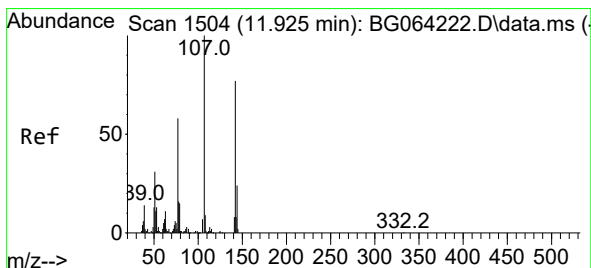
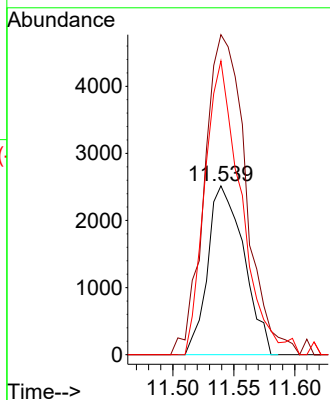
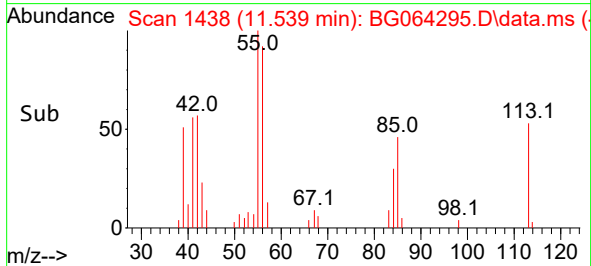
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:113 Resp: 518
Ion Ratio Lower Upper
113 100
55 189.5 218.5 258.5
56 174.0 138.5 178.5

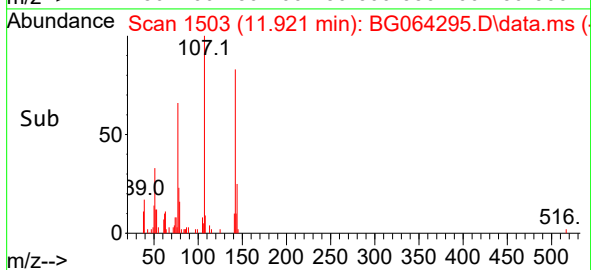
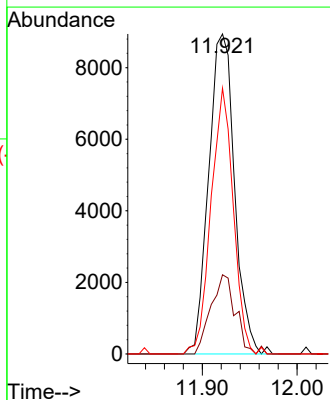
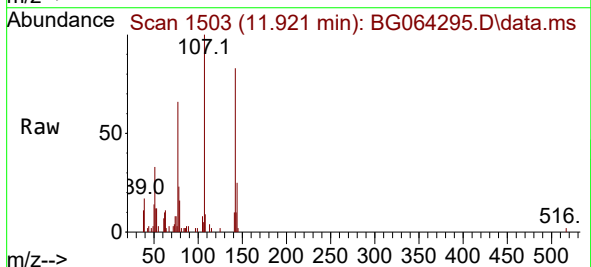
Manual Integrations
APPROVED

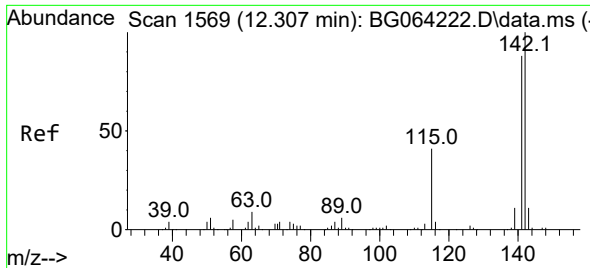
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#36
4-Chloro-3-methylphenol
Concen: 7.665 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

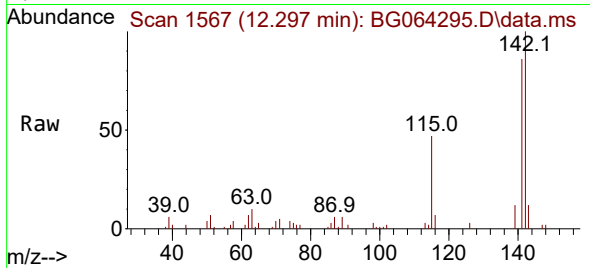
Tgt Ion:107 Resp: 16949
Ion Ratio Lower Upper
107 100
144 24.8 19.5 29.3
142 83.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 6.780 ng
RT: 12.297 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

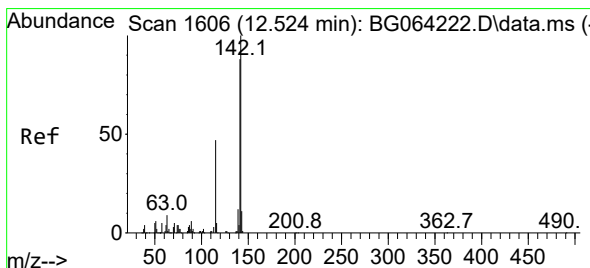
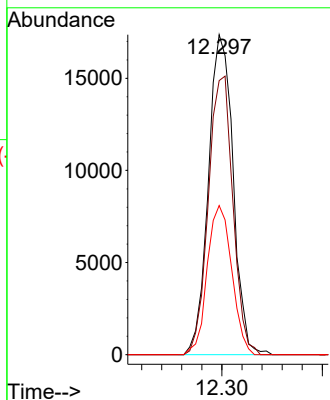
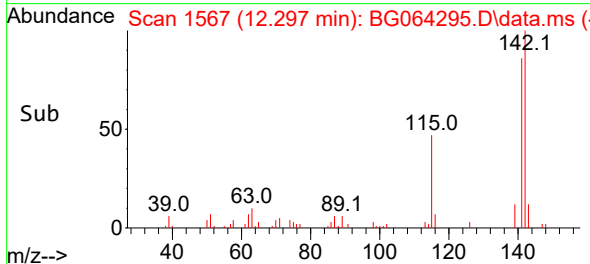
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



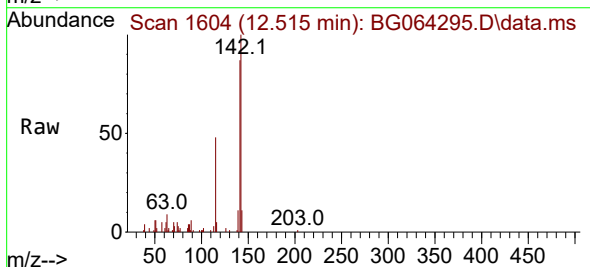
Tgt Ion:142 Resp: 29700
Ion Ratio Lower Upper
142 100
141 85.6 70.1 105.1
115 46.6 33.1 49.7

Manual Integrations
APPROVED

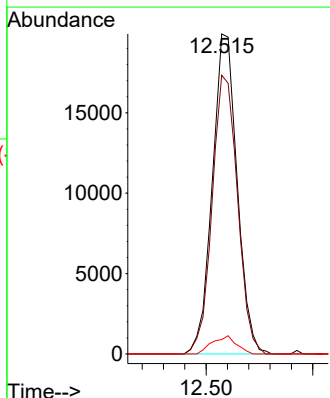
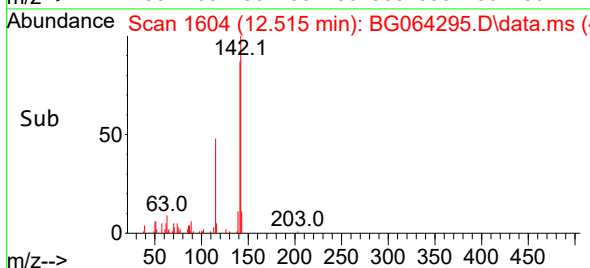
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

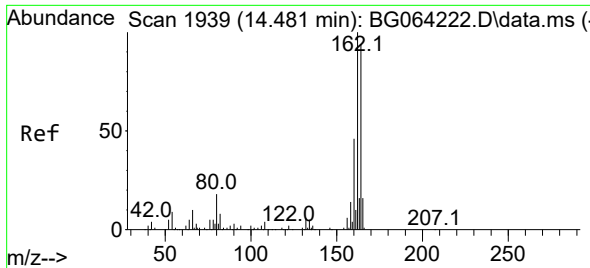


#38
1-Methylnaphthalene
Concen: 7.429 ng
RT: 12.515 min Scan# 1604
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



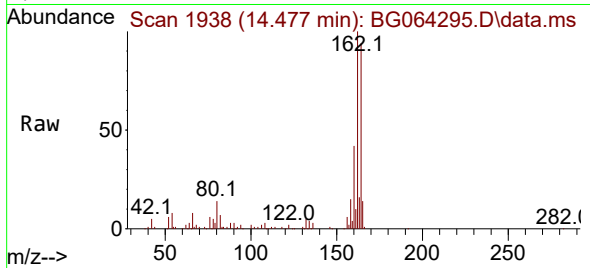
Tgt Ion:142 Resp: 32143
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

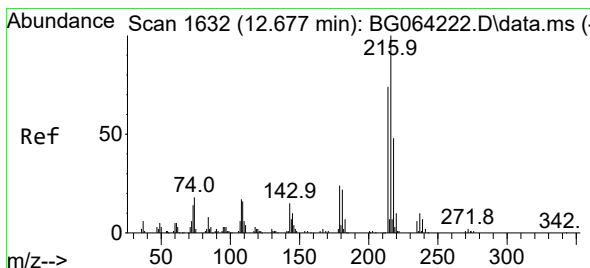
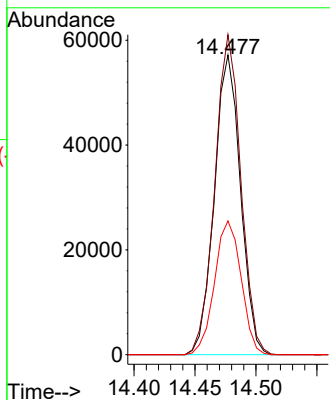
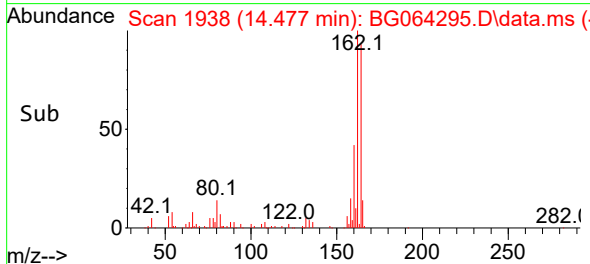
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



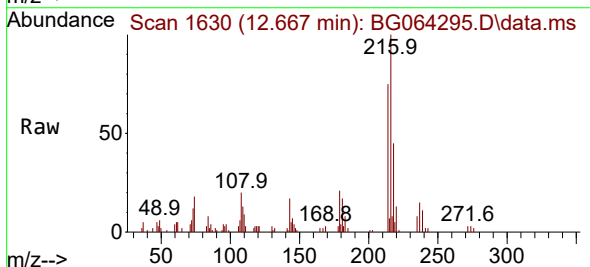
Tgt Ion:164 Resp: 8512
Ion Ratio Lower Upper
164 100
162 106.8 85.4 128.0
160 44.6 39.2 58.8

Manual Integrations
APPROVED

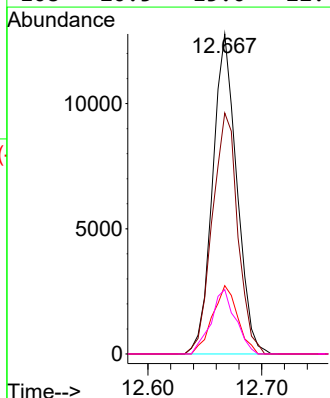
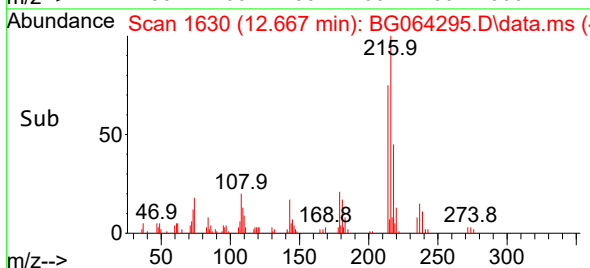
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

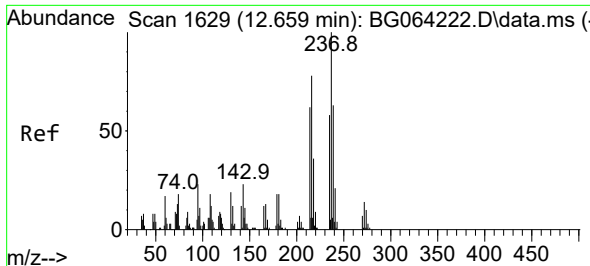


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.678 ng
RT: 12.667 min Scan# 1630
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



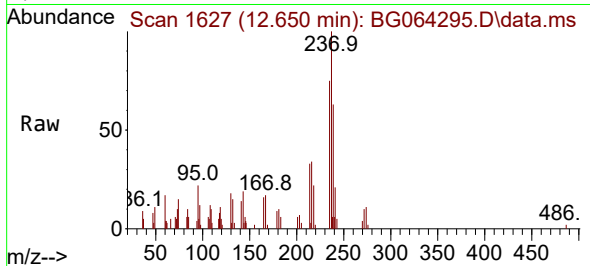
Tgt Ion:216 Resp: 18858
Ion Ratio Lower Upper
216 100
214 79.3 61.9 92.9
179 22.1 17.9 26.9
108 20.5 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 8.839 ng
RT: 12.650 min Scan# 1629
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

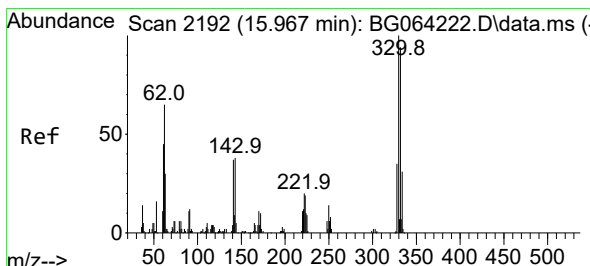
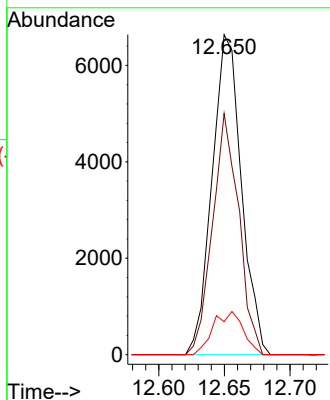
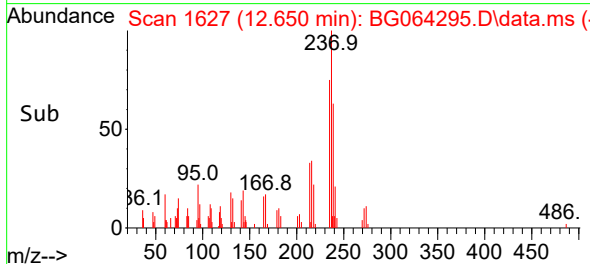
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



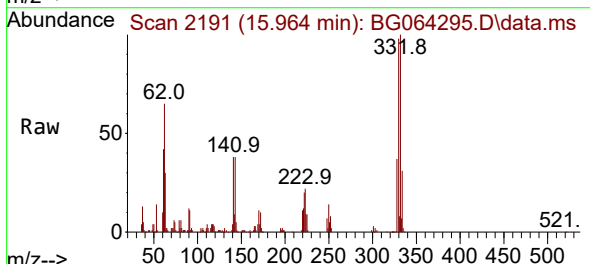
Tgt Ion: 237 Resp: 10318
Ion Ratio Lower Upper
237 100
235 75.4 37.9 77.9
272 10.3 0.0 33.8

Manual Integrations
APPROVED

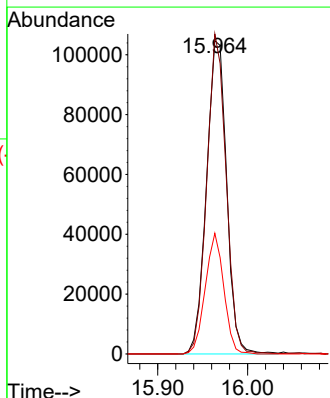
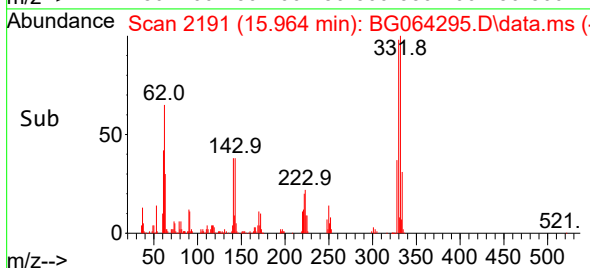
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

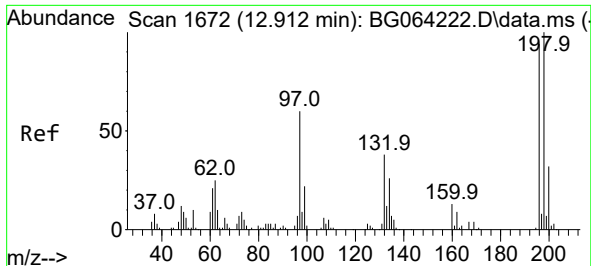


#42
2,4,6-Tribromophenol
Concen: 145.050 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



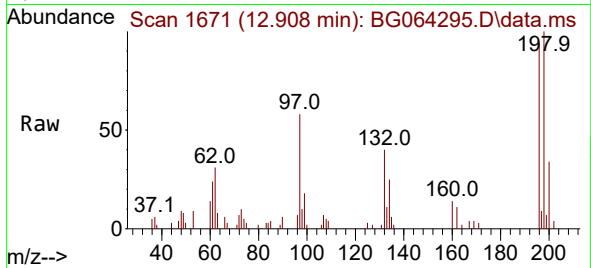
Tgt Ion: 330 Resp: 163541
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 35.3 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 7.902 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

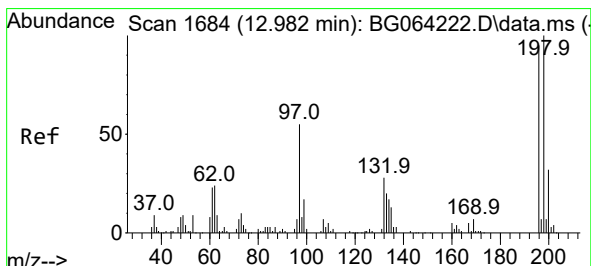
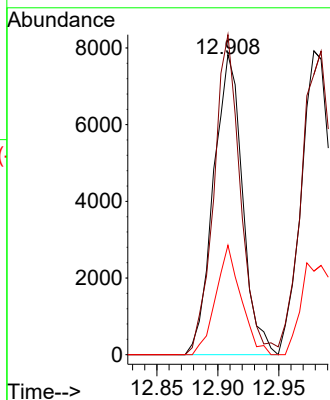
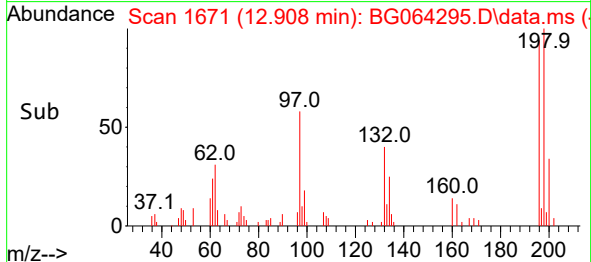
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



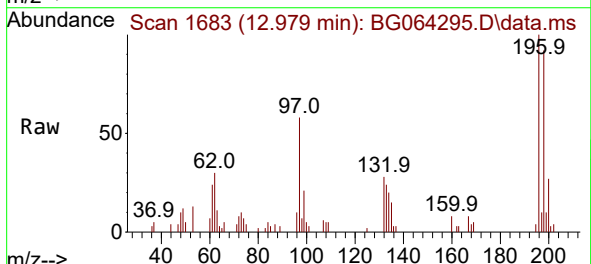
Tgt Ion:196 Resp: 1297
Ion Ratio Lower Upper
196 100
198 106.6 85.4 128.2
200 36.5 27.3 40.9

Manual Integrations
APPROVED

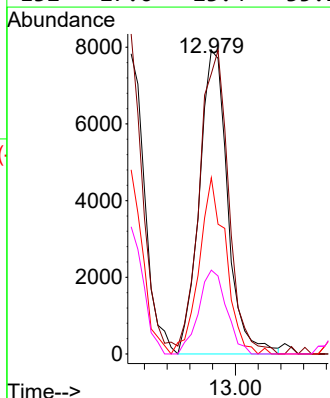
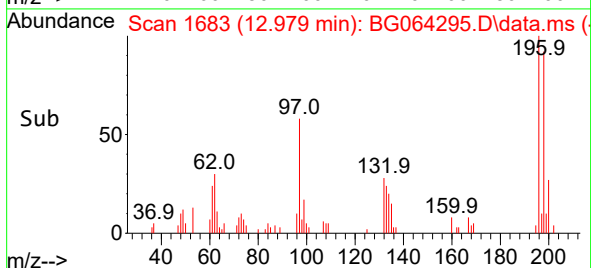
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

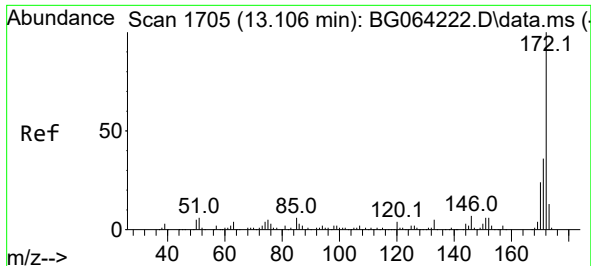


#44
2,4,5-Trichlorophenol
Concen: 7.719 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



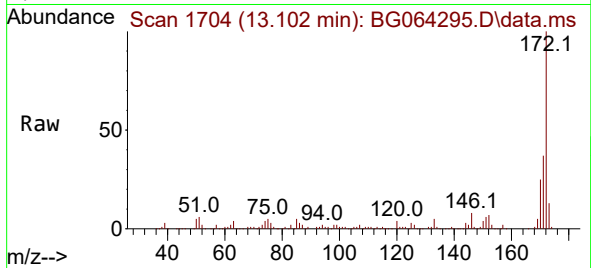
Tgt Ion:196 Resp: 13746
Ion Ratio Lower Upper
196 100
198 92.2 84.5 126.7
97 58.0 46.8 70.2
132 27.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 85.303 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

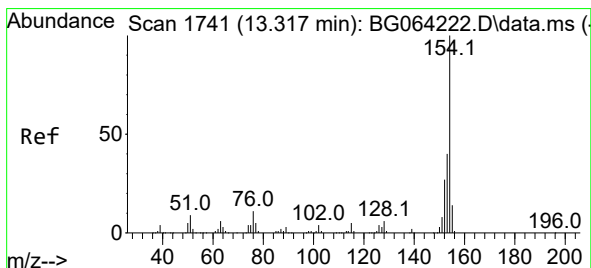
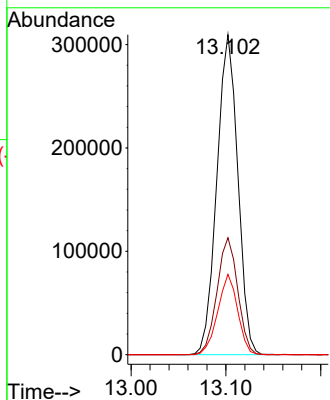
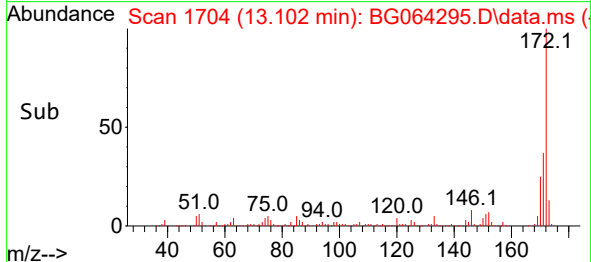
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



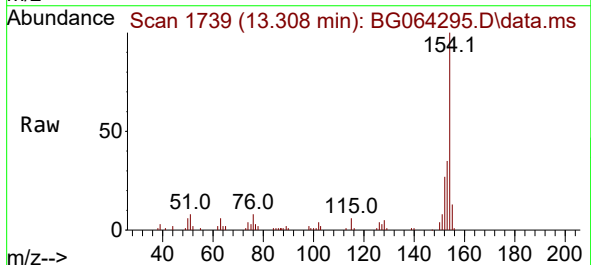
Tgt Ion:172 Resp: 475719
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 25.1 19.0 28.6

Manual Integrations
APPROVED

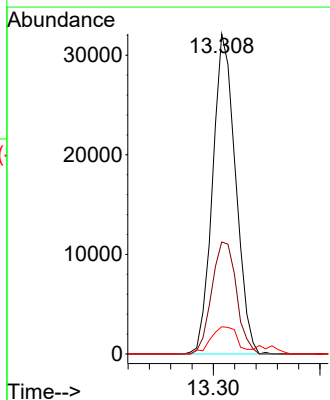
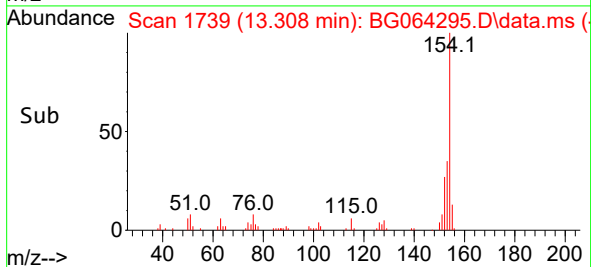
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

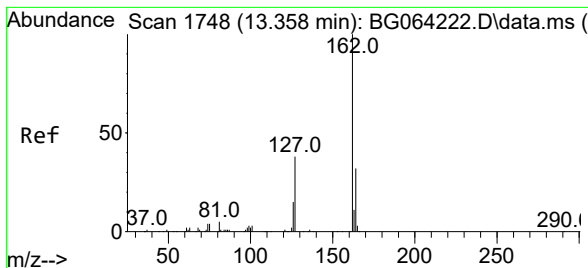


#46
1,1'-Biphenyl
Concen: 7.744 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



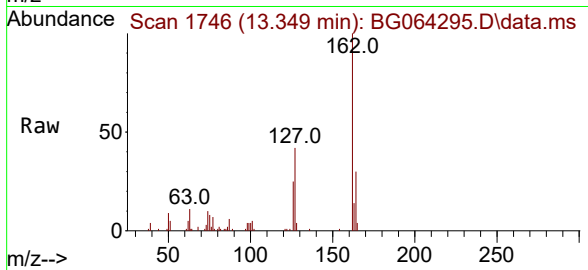
Tgt Ion:154 Resp: 48011
Ion Ratio Lower Upper
154 100
153 35.0 19.9 59.9
76 8.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 7.297 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

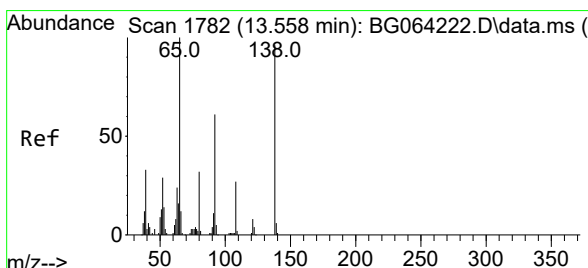
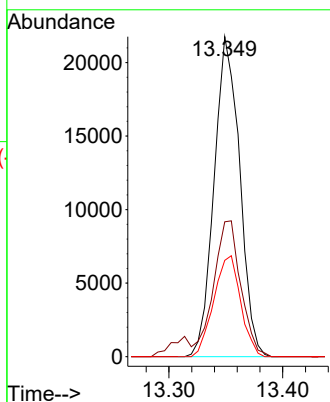
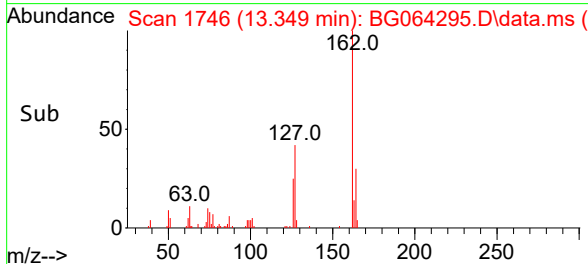
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:162 Resp: 34009
Ion Ratio Lower Upper
162 100
127 42.1 33.9 50.9
164 30.1 25.4 38.2

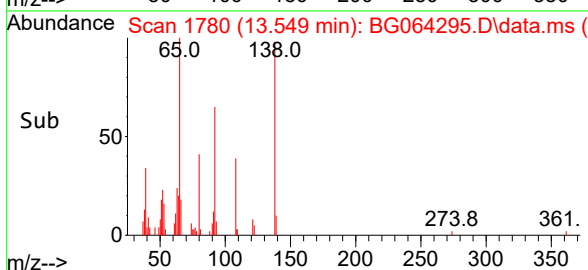
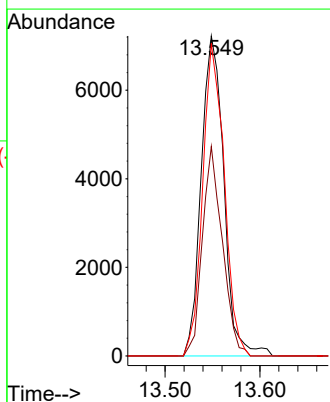
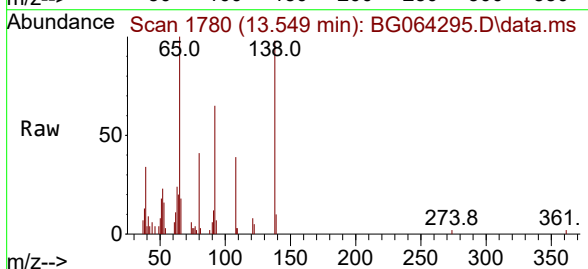
Manual Integrations
APPROVED

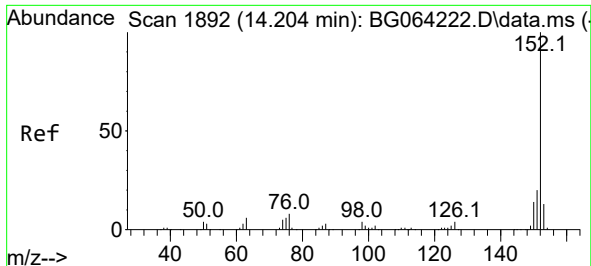
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#48
2-Nitroaniline
Concen: 7.537 ng
RT: 13.549 min Scan# 1780
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

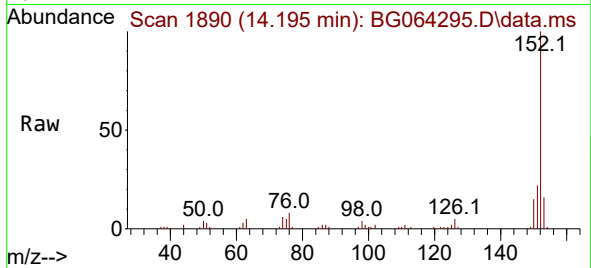
Tgt Ion: 65 Resp: 11974
Ion Ratio Lower Upper
65 100
92 65.4 49.2 73.8
138 97.7 76.8 115.2





#49
Acenaphthylene
Concen: 8.471 ng
RT: 14.195 min Scan# 1890
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

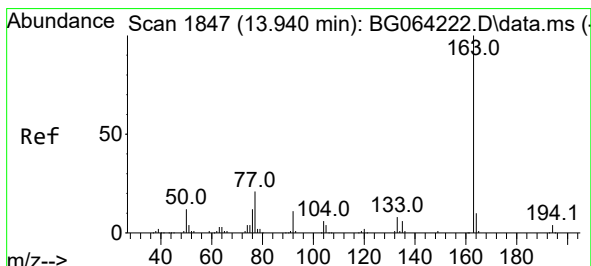
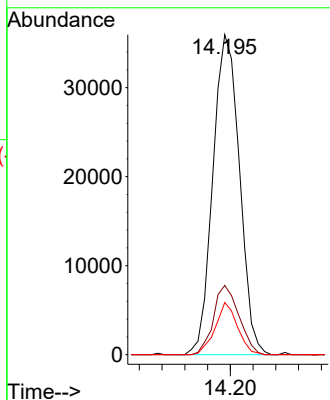
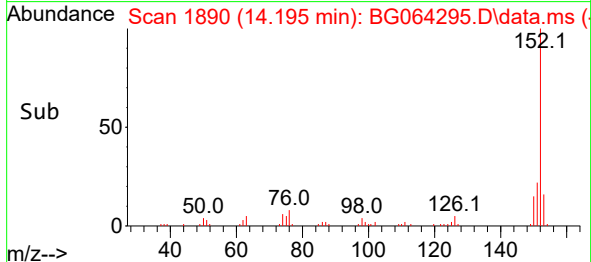
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



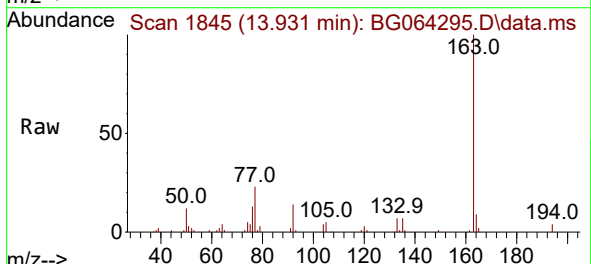
Tgt Ion:152 Resp: 58360
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 16.3 10.1 15.1

Manual Integrations
APPROVED

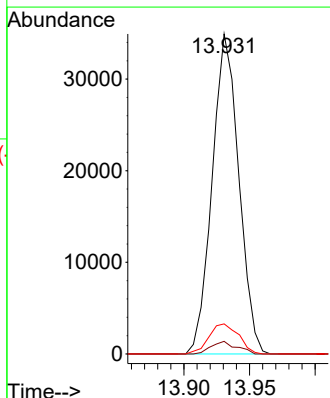
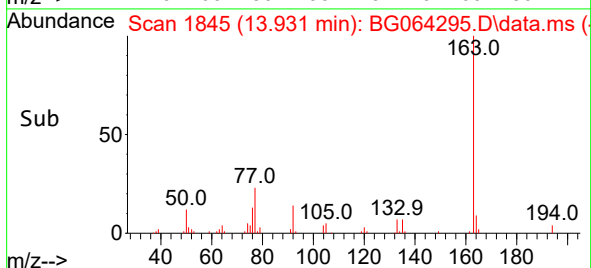
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

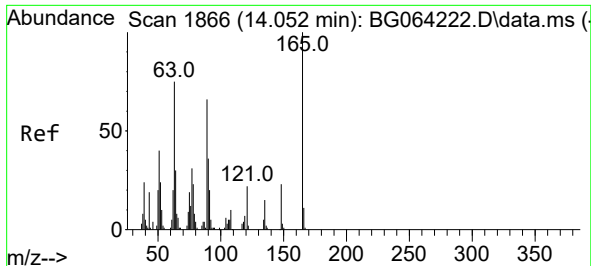


#50
Dimethylphthalate
Concen: 7.663 ng
RT: 13.931 min Scan# 1845
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



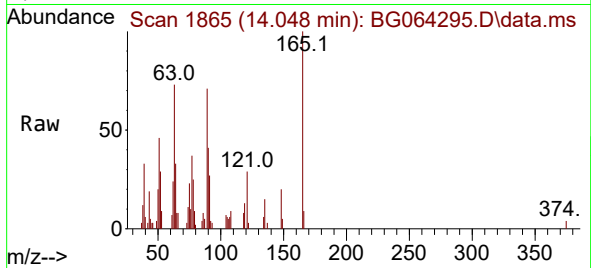
Tgt Ion:163 Resp: 49374
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 14.048 min Scan# 1866
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

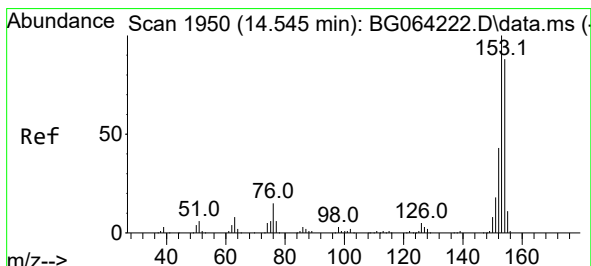
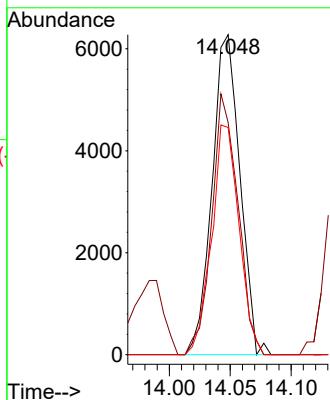
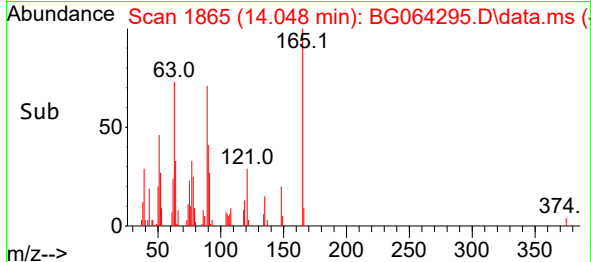
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 9970
Ion Ratio Lower Upper
165 100
63 72.6 60.3 90.5
89 71.0 52.9 79.3

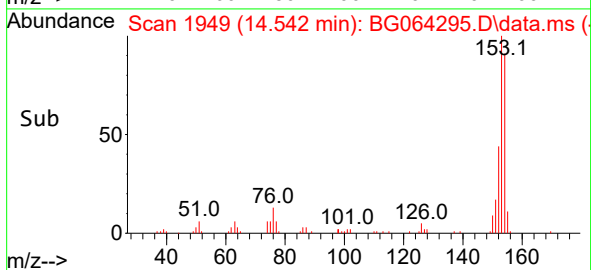
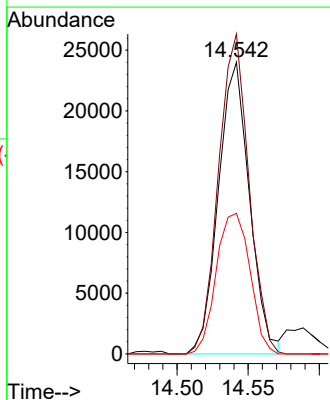
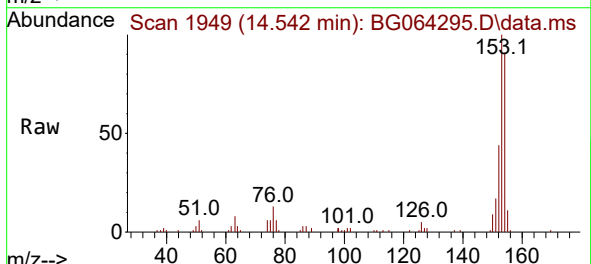
Manual Integrations
APPROVED

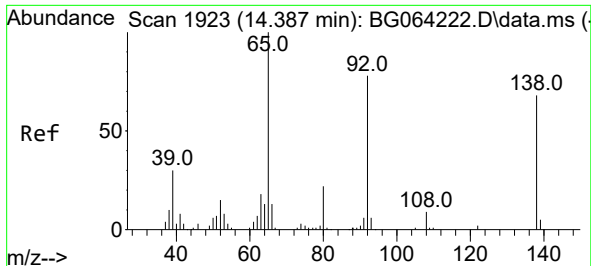
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#52
Acenaphthene
Concen: 7.520 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

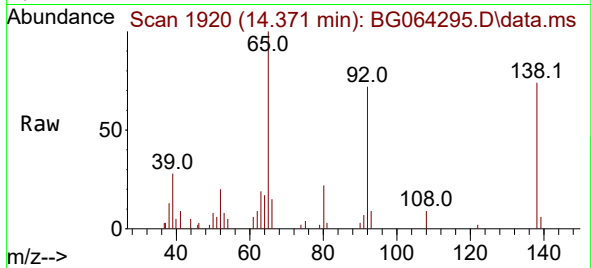
Tgt Ion:154 Resp: 36563
Ion Ratio Lower Upper
154 100
153 109.7 91.1 136.7
152 48.2 39.6 59.4





#53
3-Nitroaniline
Concen: 7.892 ng
RT: 14.371 min Scan# 1920
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

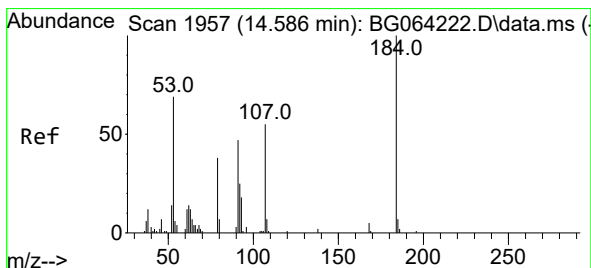
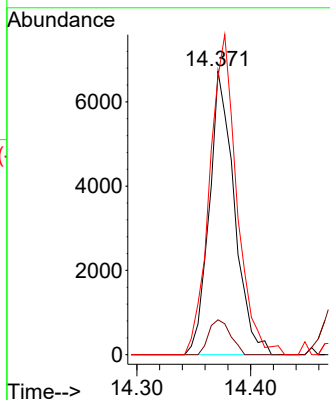
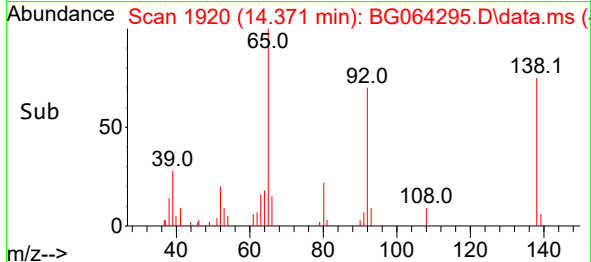
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



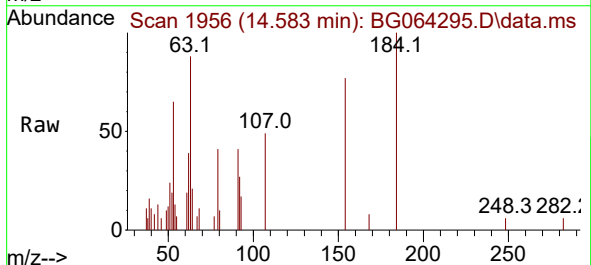
Tgt Ion:138 Resp: 1031
Ion Ratio Lower Upper
138 100
108 12.3 11.0 16.6
92 98.0 91.4 137.0

Manual Integrations
APPROVED

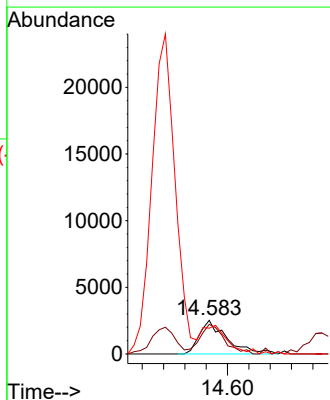
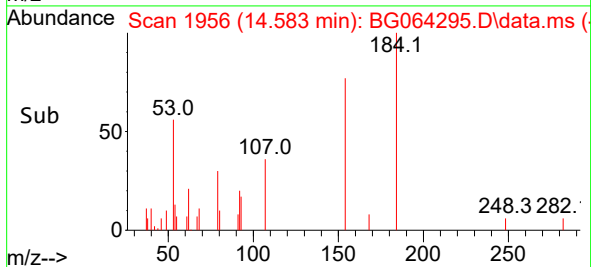
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

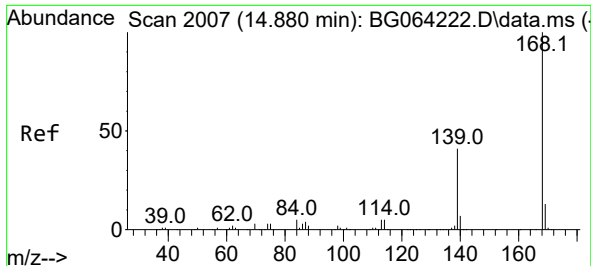


#54
2,4-Dinitrophenol
Concen: 10.816 ng
RT: 14.583 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



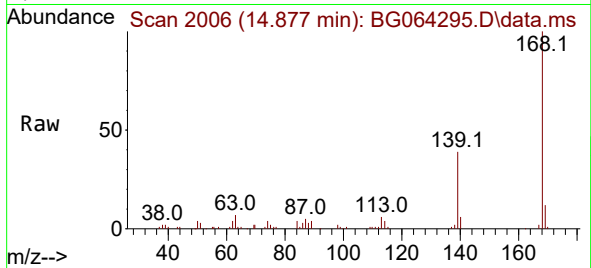
Tgt Ion:184 Resp: 4529
Ion Ratio Lower Upper
184 100
63 88.2 60.1 90.1
154 76.6 59.8 89.8





#55
Dibenzofuran
Concen: 7.884 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

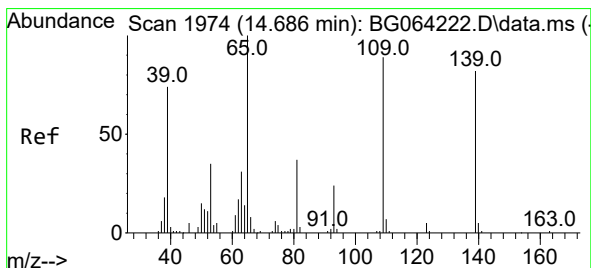
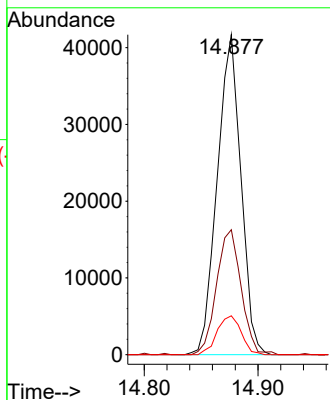
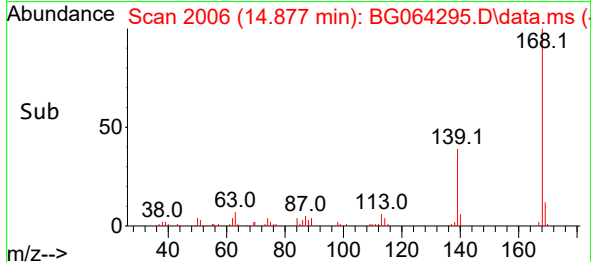
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 60299
Ion Ratio Lower Upper
168 100
139 39.1 33.2 49.8
169 12.2 10.4 15.6

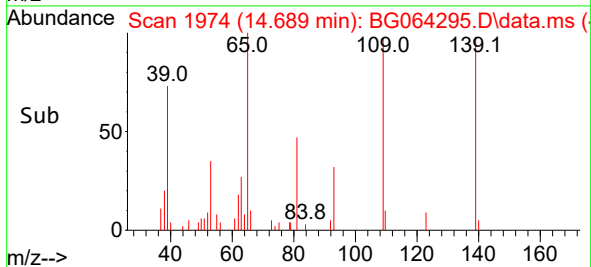
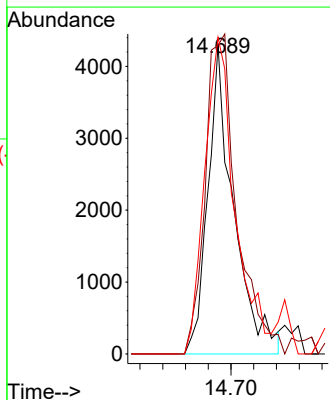
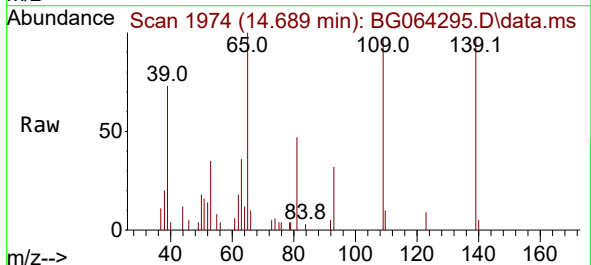
Manual Integrations
APPROVED

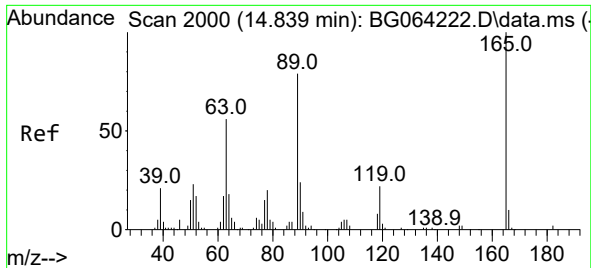
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#56
4-Nitrophenol
Concen: 6.308 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:139 Resp: 6761
Ion Ratio Lower Upper
139 100
109 110.0 89.1 129.1
65 102.4 102.9 142.9#





#57

2,4-Dinitrotoluene

Concen: 8.202 ng

RT: 14.835 min Scan# 14

Delta R.T. -0.010 min

Lab File: BG064295.D

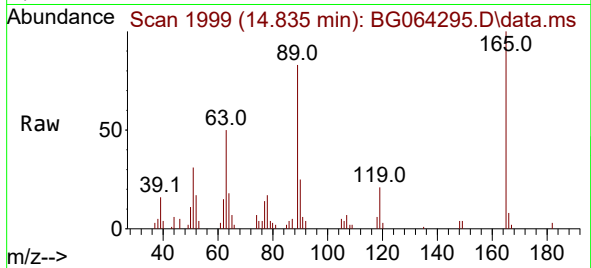
Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 15469

Ion Ratio Lower Upper

165 100

63 50.5 44.6 67.0

89 82.7 63.0 94.4

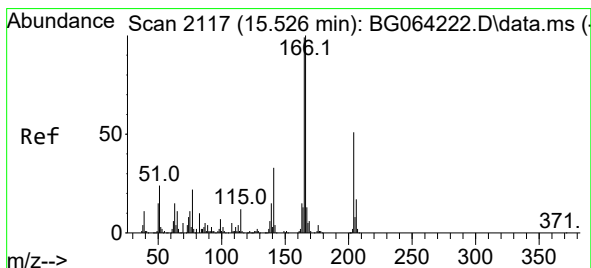
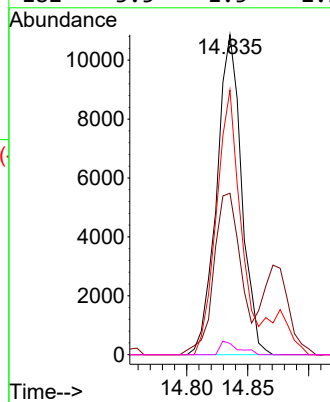
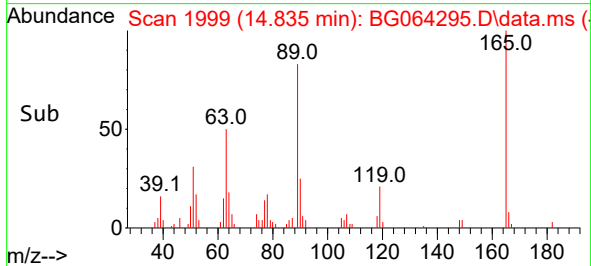
182 3.5 1.5 2.3#

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#58

Fluorene

Concen: 7.940 ng

RT: 15.523 min Scan# 2116

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

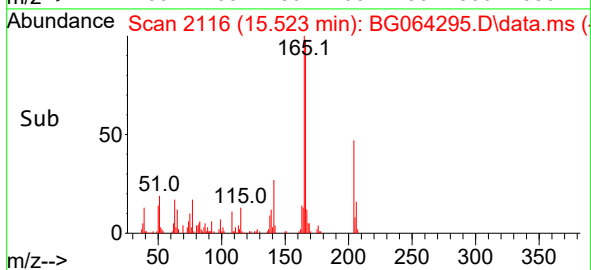
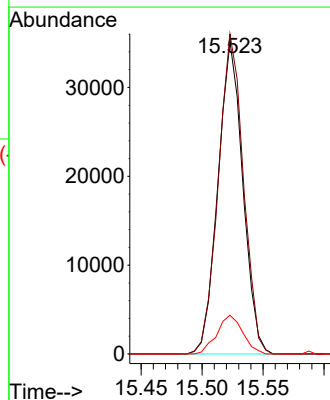
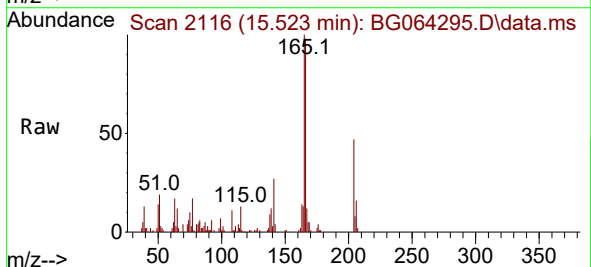
Tgt Ion:166 Resp: 49775

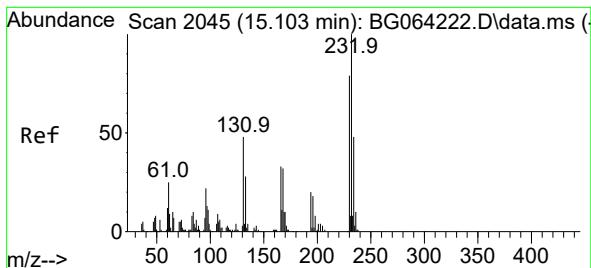
Ion Ratio Lower Upper

166 100

165 102.4 79.1 118.7

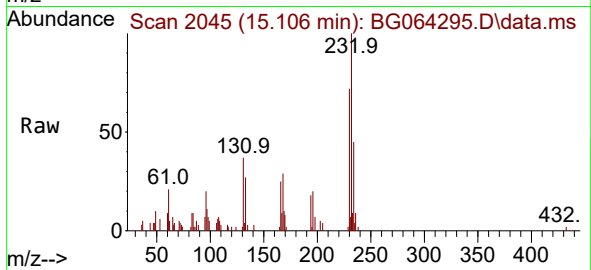
167 12.4 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.458 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

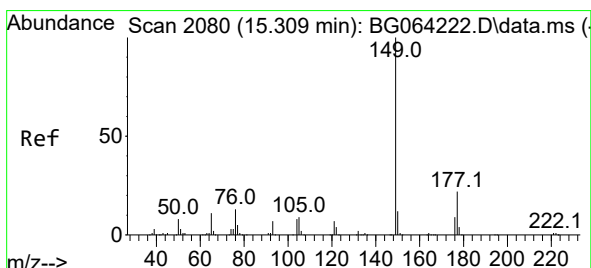
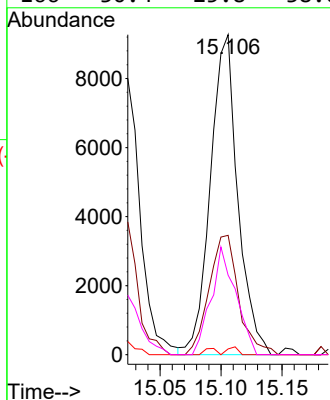
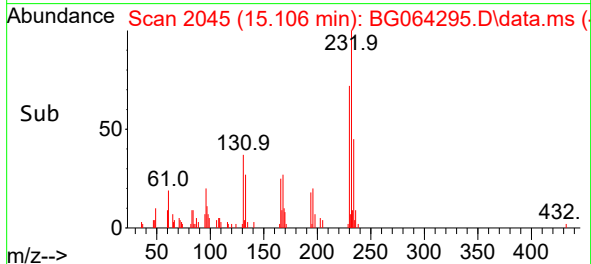
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



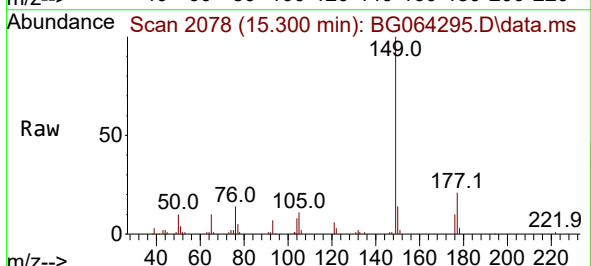
Tgt Ion:232 Resp: 1448
Ion Ratio Lower Upper
232 100
131 40.3 37.1 55.7
130 1.0 2.6 3.8
166 30.4 25.8 38.6

Manual Integrations
APPROVED

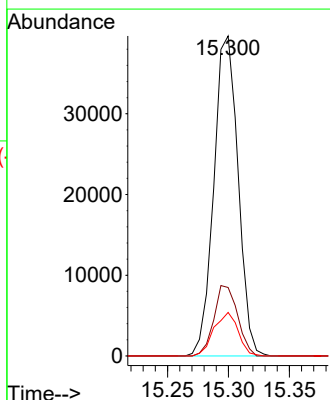
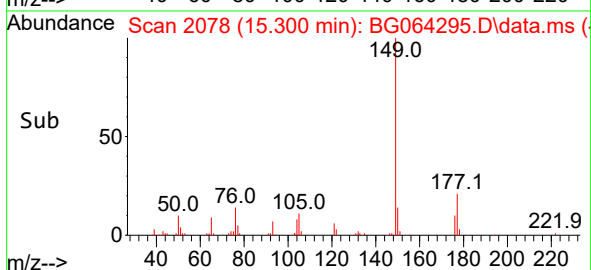
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

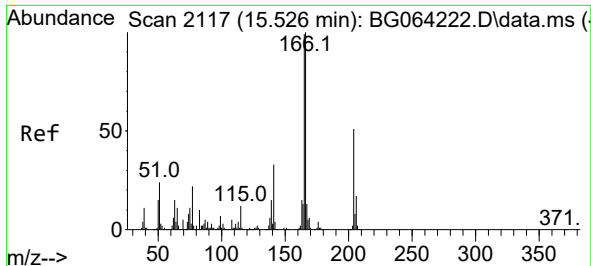


#60
Diethylphthalate
Concen: 7.965 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



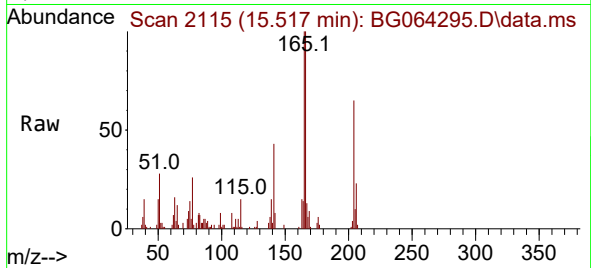
Tgt Ion:149 Resp: 54921
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 13.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 8.093 ng
RT: 15.517 min Scan# 2115
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

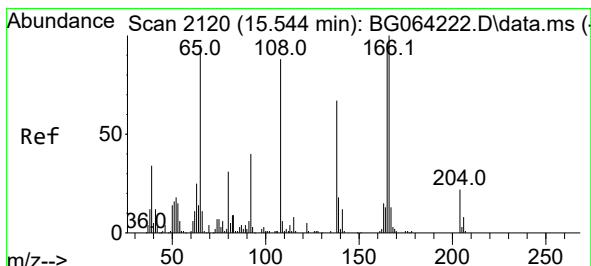
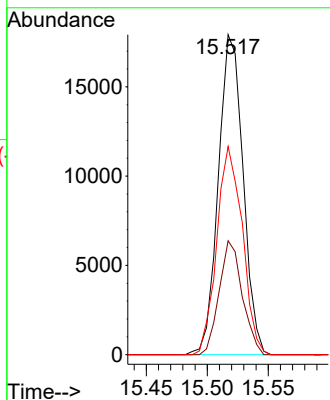
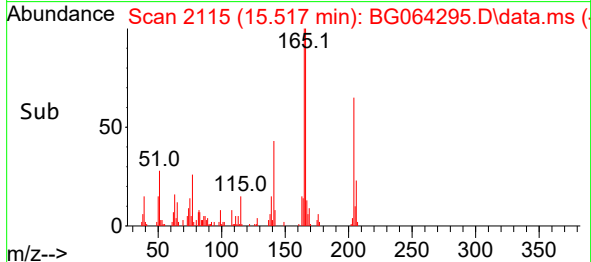
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:204 Resp: 2529
Ion Ratio Lower Upper
204 100
206 35.6 26.2 39.4
141 65.1 51.9 77.9

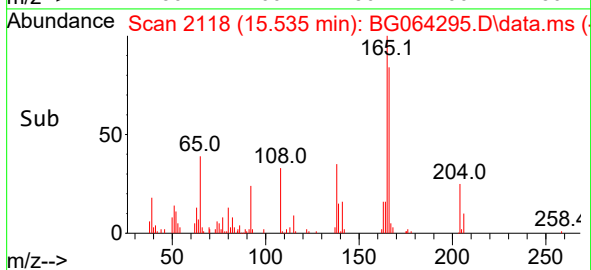
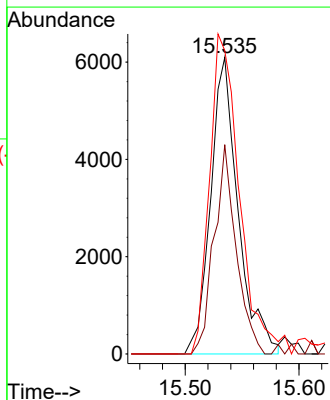
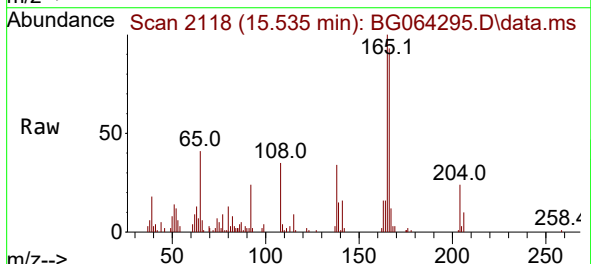
Manual Integrations
APPROVED

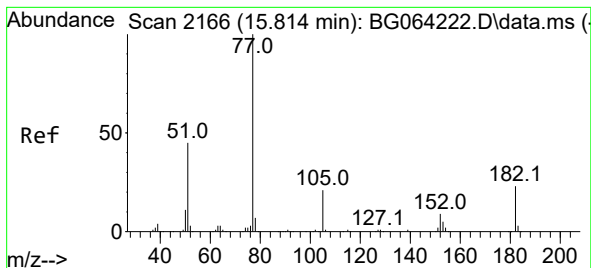
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#62
4-Nitroaniline
Concen: 7.708 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.021 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:138 Resp: 10276
Ion Ratio Lower Upper
138 100
92 70.6 39.1 79.1
108 102.3 111.3 151.3#





#63

Azobenzene

Concen: 7.530 ng

RT: 15.811 min Scan# 2166

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 46278

Ion Ratio Lower Upper

77 100

182 24.8 3.3 43.3

105 22.2 0.6 40.6

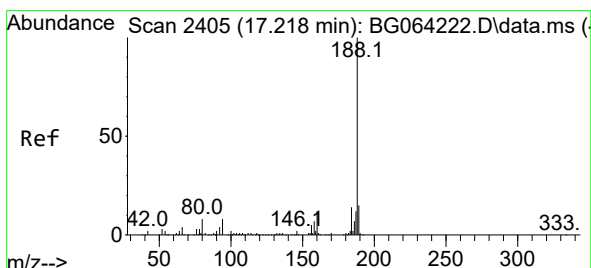
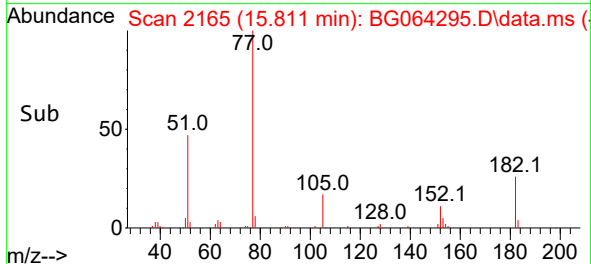
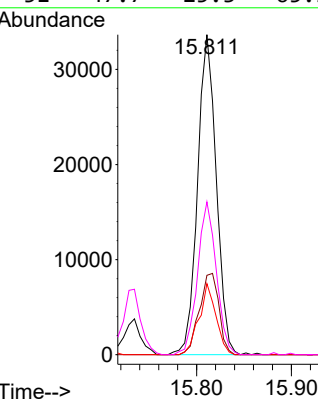
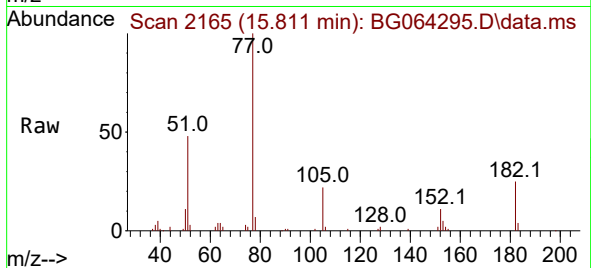
51 47.7 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

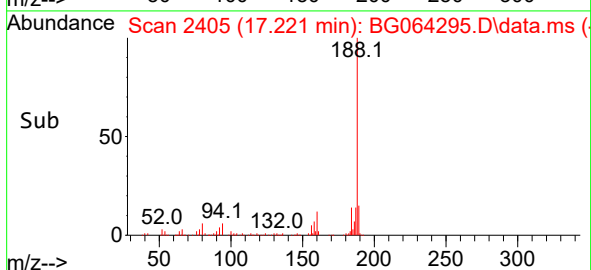
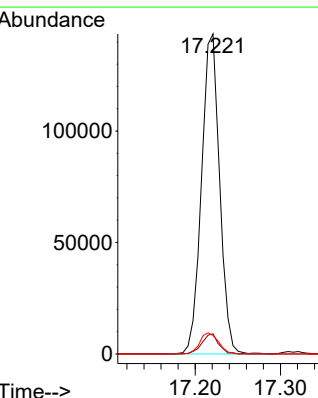
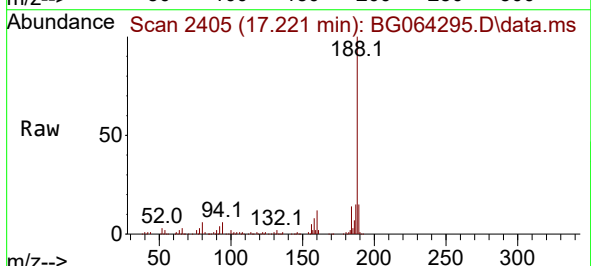
Tgt Ion:188 Resp: 212184

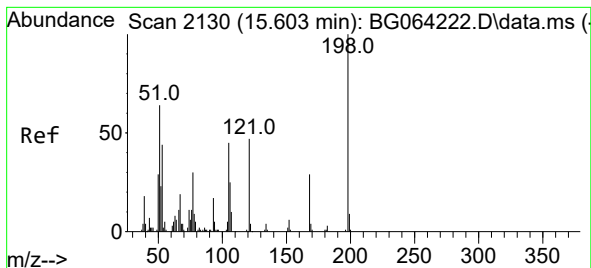
Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.4

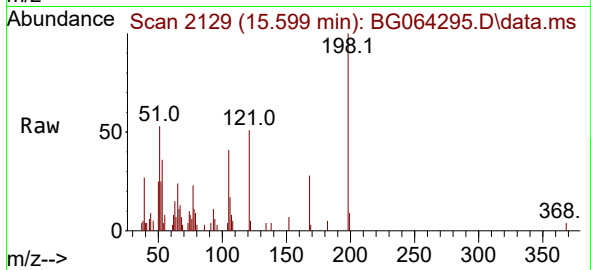
80 5.8 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 7.603 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

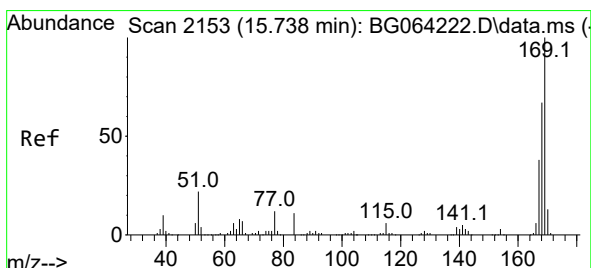
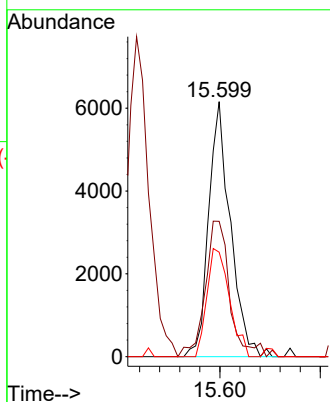
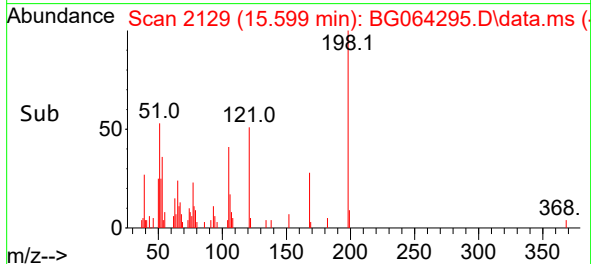
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



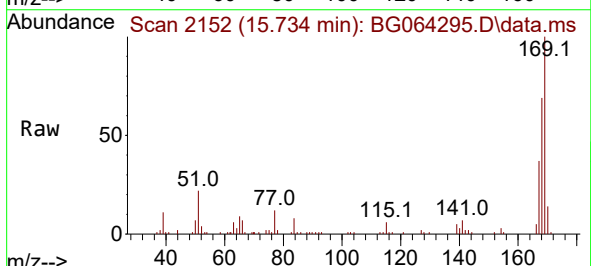
Tgt Ion:198 Resp: 926
Ion Ratio Lower Upper
198 100
51 53.1 46.2 86.2
105 41.0 25.0 65.0

Manual Integrations
APPROVED

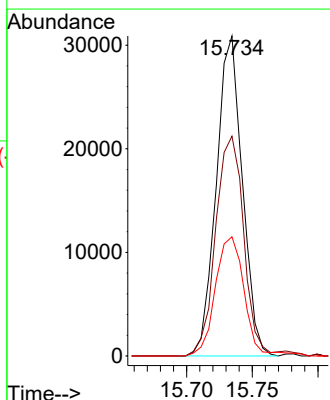
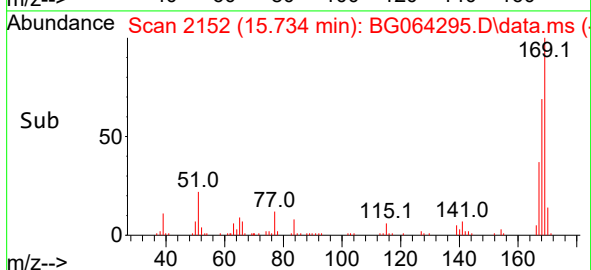
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

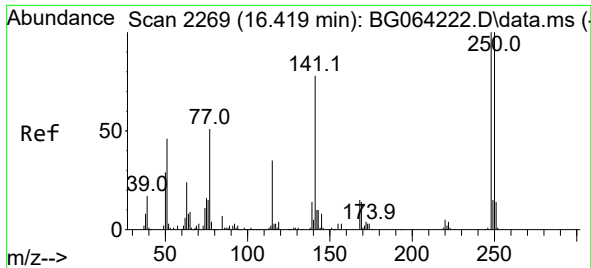


#66
n-Nitrosodiphenylamine
Concen: 7.289 ng
RT: 15.734 min Scan# 2152
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



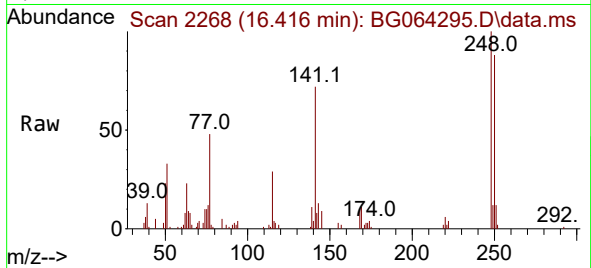
Tgt Ion:169 Resp: 42548
Ion Ratio Lower Upper
169 100
168 68.7 53.8 80.8
167 37.3 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 8.304 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

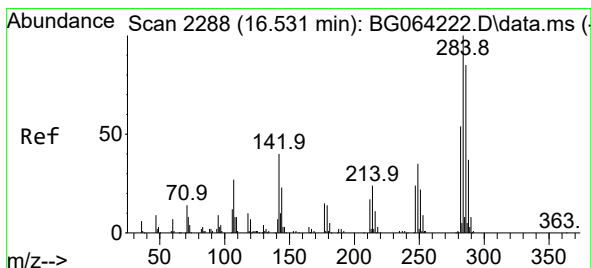
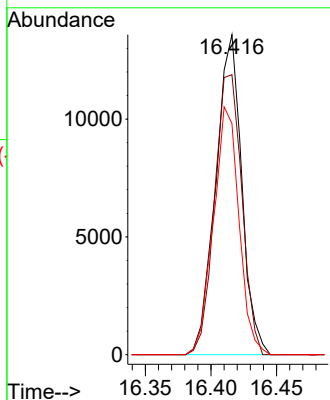
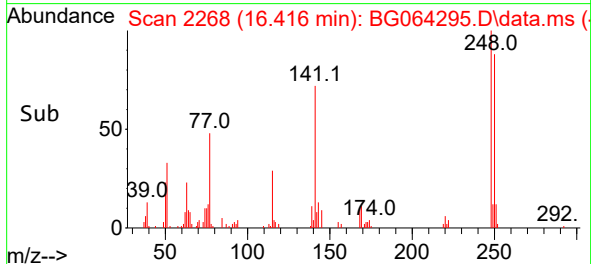
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:248 Resp: 18714
Ion Ratio Lower Upper
248 100
250 87.5 80.2 120.4
141 72.2 62.4 93.6

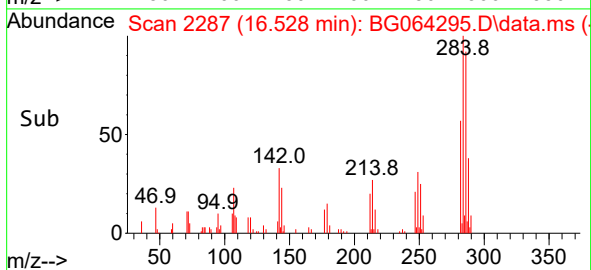
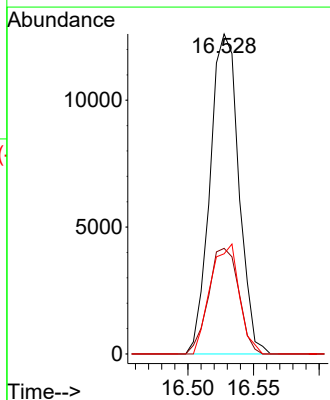
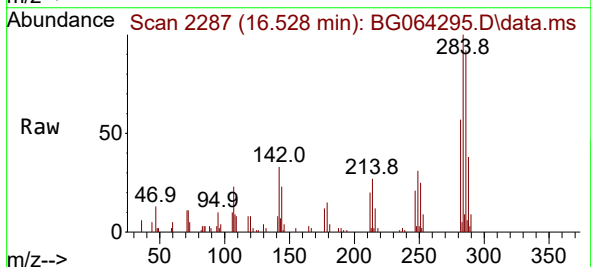
Manual Integrations
APPROVED

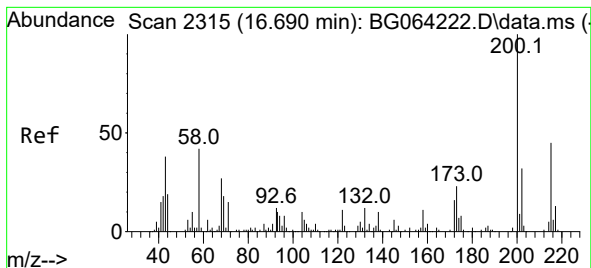
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#68
Hexachlorobenzene
Concen: 7.672 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:284 Resp: 19201
Ion Ratio Lower Upper
284 100
142 33.0 32.1 48.1
249 31.3 28.3 42.5





#69

Atrazine

Concen: 7.759 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

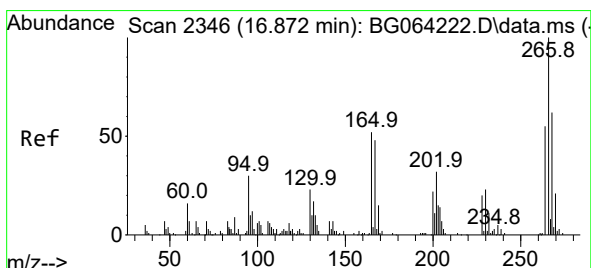
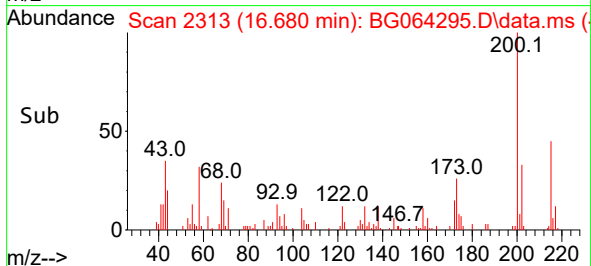
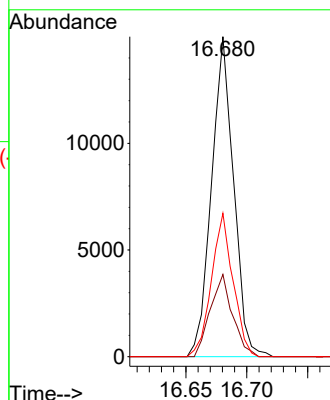
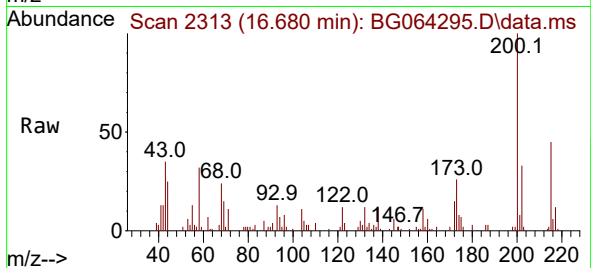
Tgt Ion:200 Resp: 1891
 Ion Ratio Lower Upper
 200 100
 173 25.7 3.5 43.5
 215 44.8 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#70

Pentachlorophenol

Concen: 7.321 ng

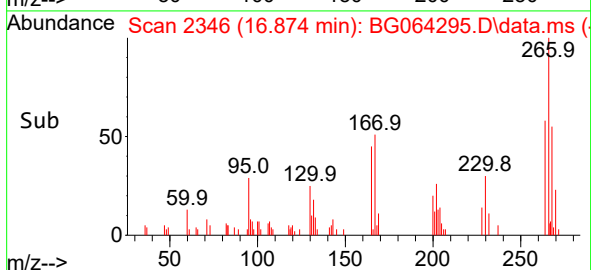
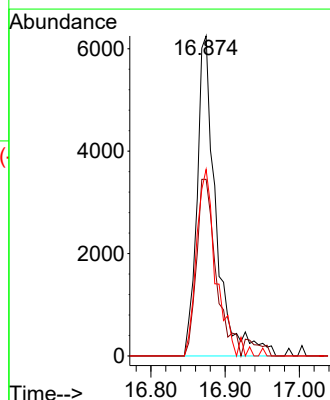
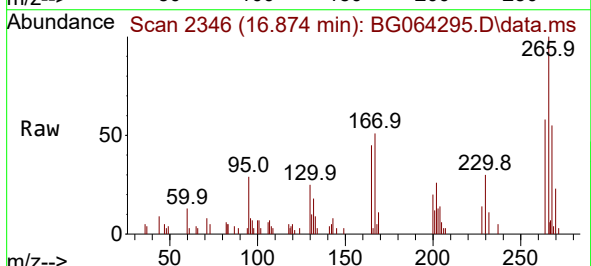
RT: 16.874 min Scan# 2346

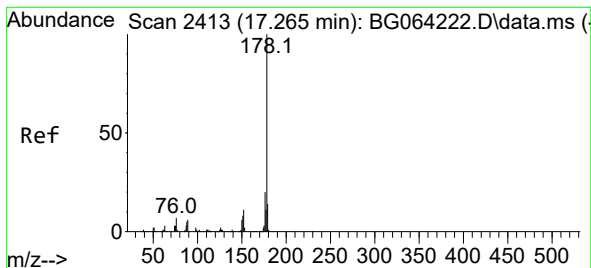
Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Tgt Ion:266 Resp: 11109
 Ion Ratio Lower Upper
 266 100
 268 58.8 49.4 74.0
 264 58.3 44.3 66.5





#71

Phenanthrene

Concen: 7.555 ng

RT: 17.262 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

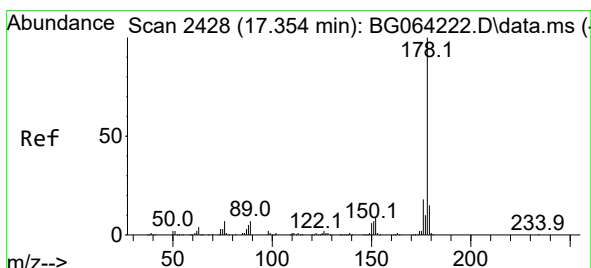
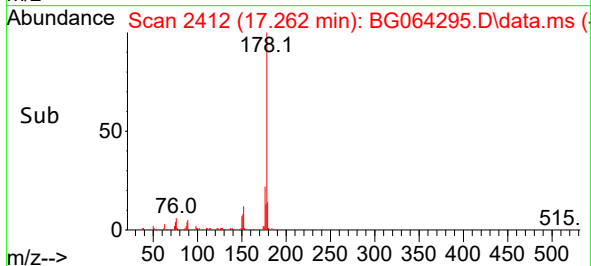
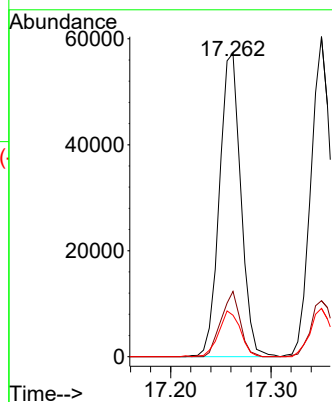
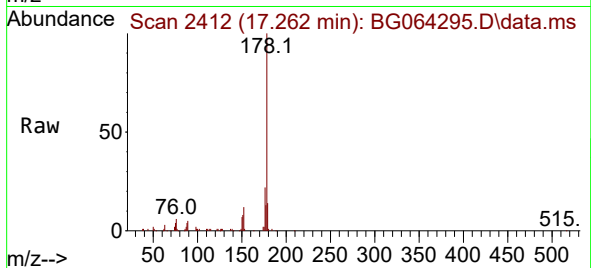
Tgt Ion:178	Resp:	8454
Ion Ratio	Lower	Upper
178	100	
176	21.5	15.9 23.9
179	13.7	11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#72

Anthracene

Concen: 7.588 ng

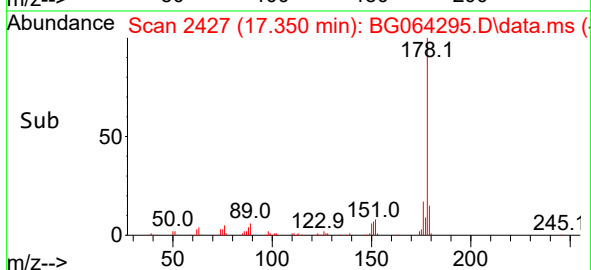
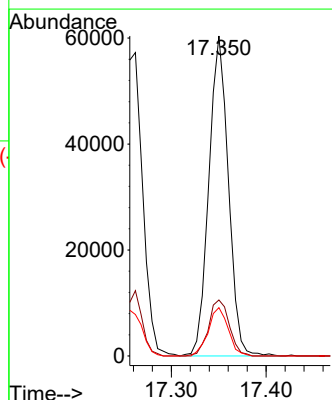
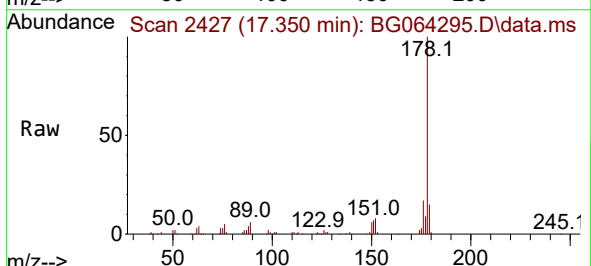
RT: 17.350 min Scan# 2427

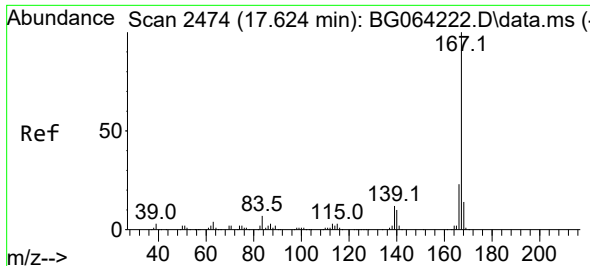
Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

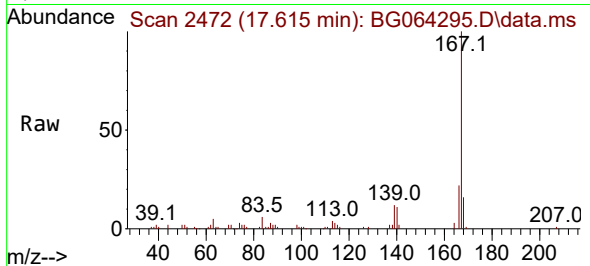
Tgt Ion:178	Resp:	86382
Ion Ratio	Lower	Upper
178	100	
176	17.5	14.7 22.1
179	15.1	12.1 18.1





#73
 Carbazole
 Concen: 7.480 ng
 RT: 17.615 min Scan# 2474
 Delta R.T. -0.010 min
 Lab File: BG064295.D
 Acq: 5 Sep 2025 16:30

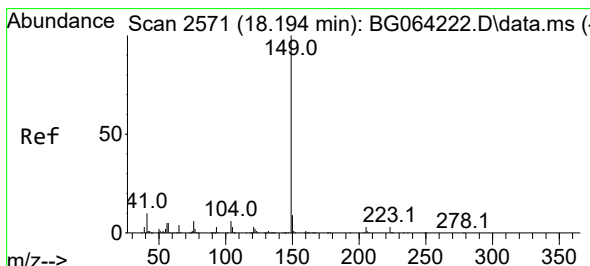
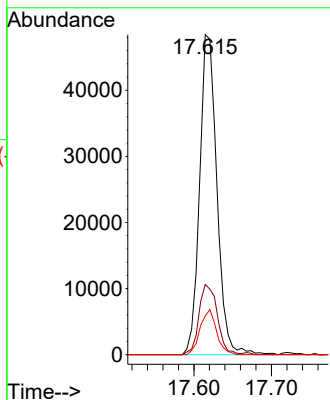
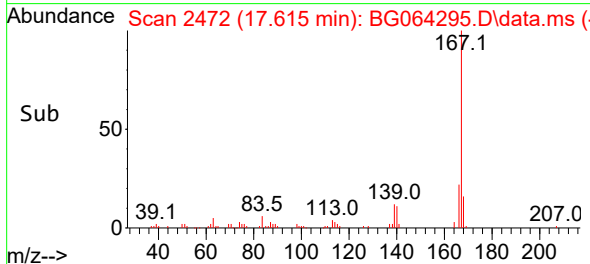
Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion:167 Resp: 7501
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 12.1 9.8 14.6

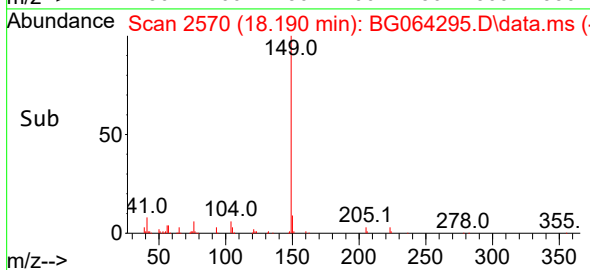
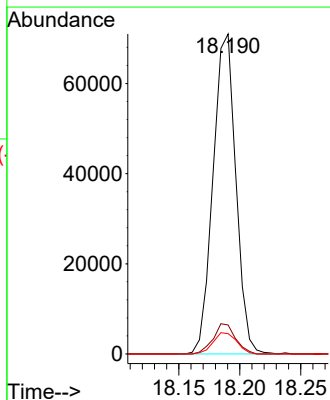
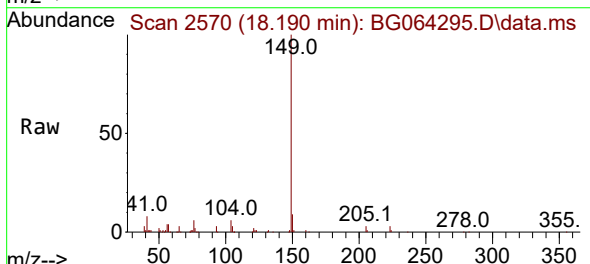
Manual Integrations
 APPROVED

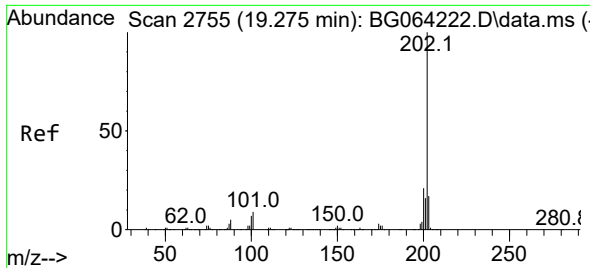
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025



#74
 Di-n-butylphthalate
 Concen: 7.679 ng
 RT: 18.190 min Scan# 2570
 Delta R.T. -0.004 min
 Lab File: BG064295.D
 Acq: 5 Sep 2025 16:30

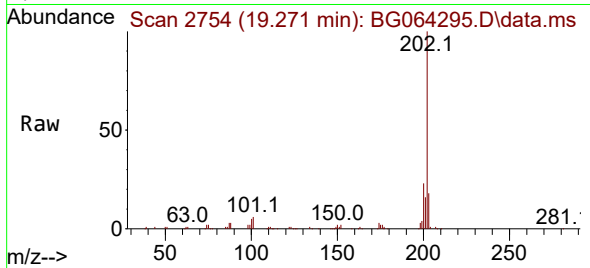
Tgt Ion:149 Resp: 92515
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 7.661 ng
RT: 19.271 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

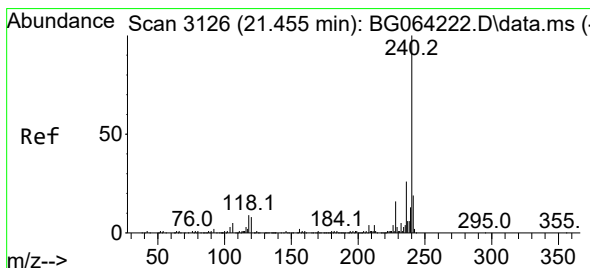
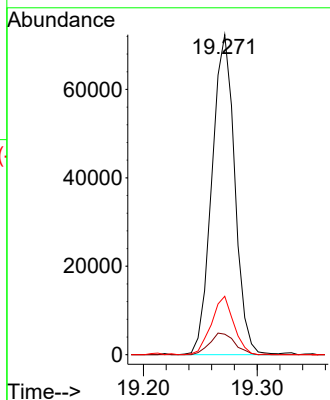
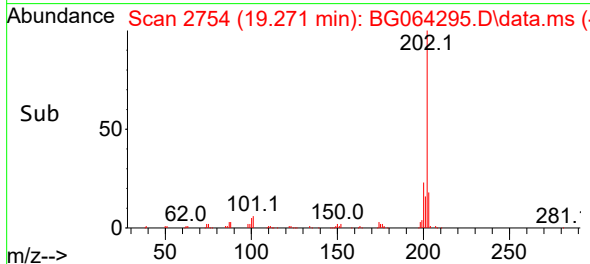
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:202 Resp: 100810
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.7
203 18.2 0.0 36.9

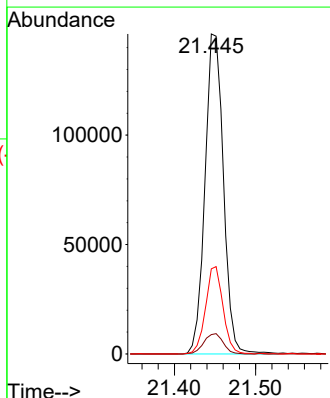
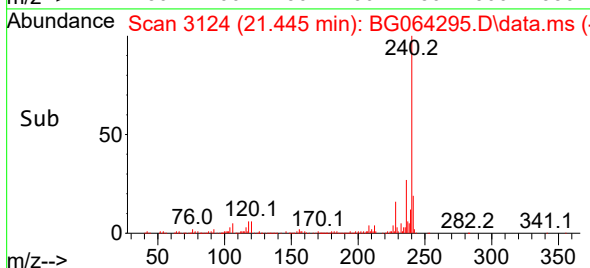
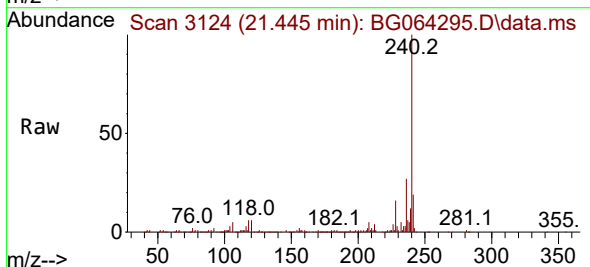
Manual Integrations
APPROVED

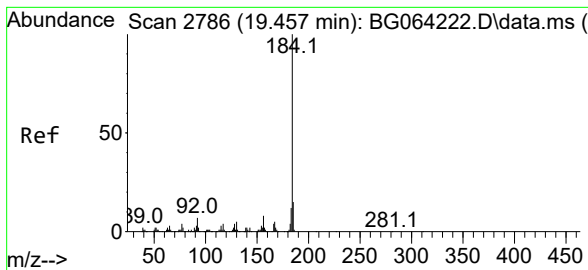
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

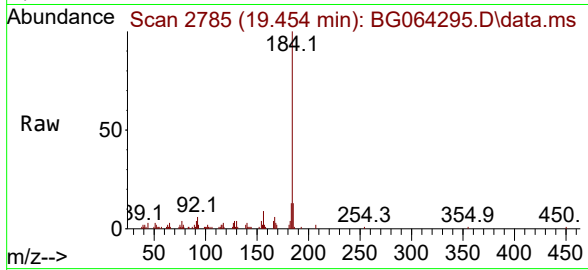
Tgt Ion:240 Resp: 230161
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 26.6 20.5 30.7





#77
Benzidine
Concen: 9.739 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

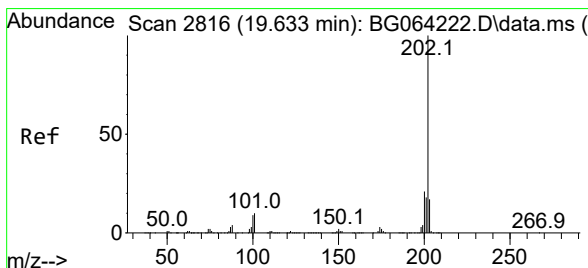
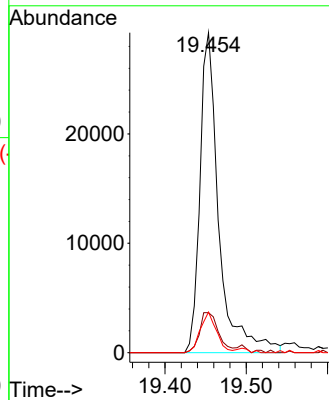
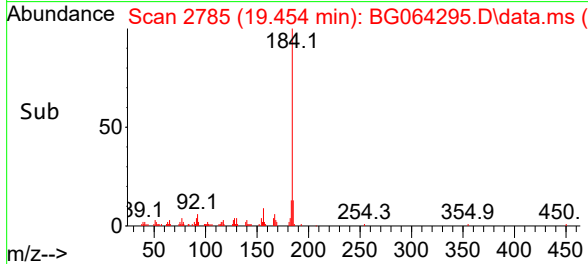
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



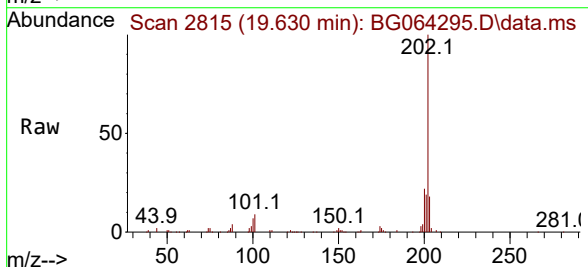
Tgt Ion:184 Resp: 4715
Ion Ratio Lower Upper
184 100
185 12.5 11.7 17.5
183 12.7 9.7 14.5

Manual Integrations
APPROVED

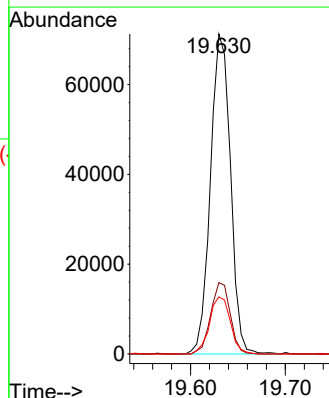
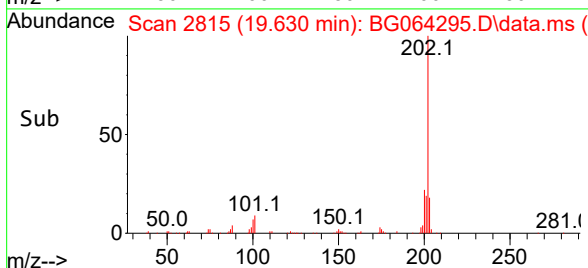
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

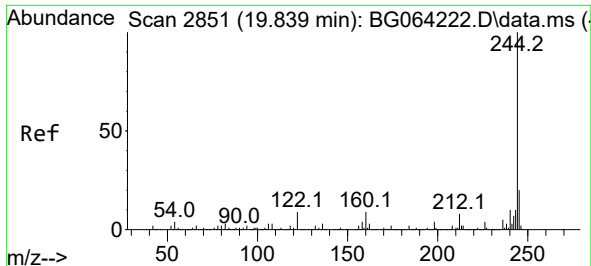


#78
Pyrene
Concen: 7.199 ng
RT: 19.630 min Scan# 2815
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



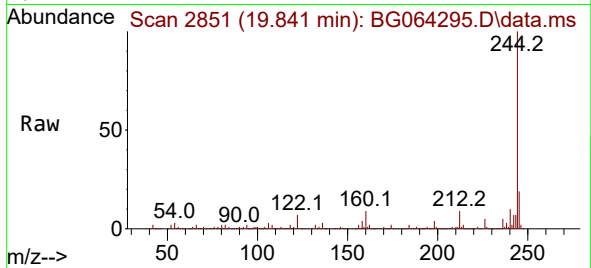
Tgt Ion:202 Resp: 104392
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 17.9 13.8 20.8





#79
 Terphenyl-d14
 Concen: 91.941 ng
 RT: 19.841 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG064295.D
 Acq: 5 Sep 2025 16:30

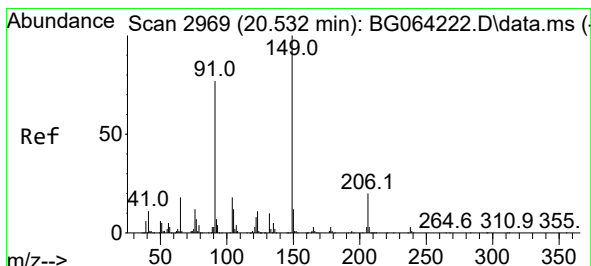
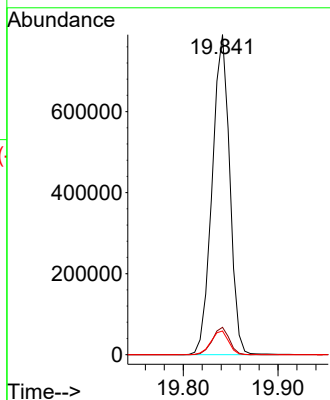
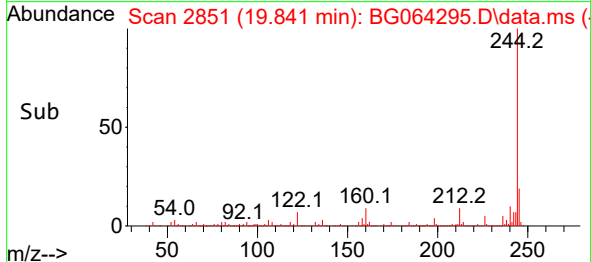
Instrument : BNA_G
 ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:244 Resp: 1014272
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 7.4 7.0 10.6

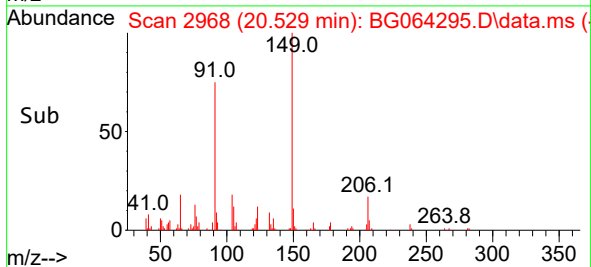
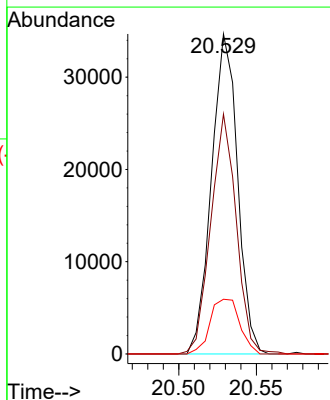
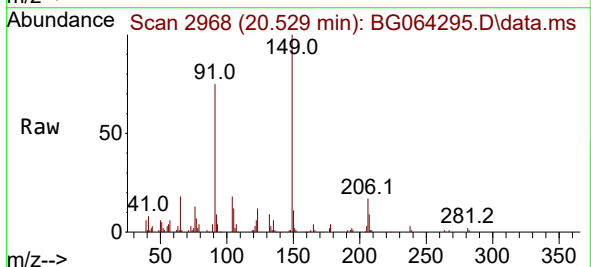
Manual Integrations
 APPROVED

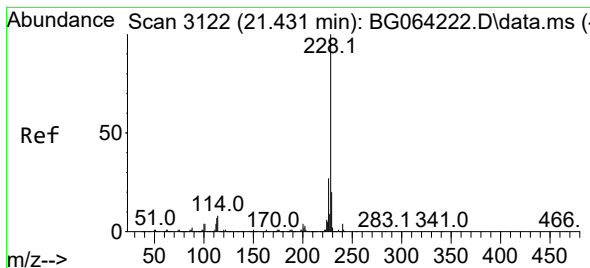
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025



#80
 Butylbenzylphthalate
 Concen: 7.416 ng
 RT: 20.529 min Scan# 2968
 Delta R.T. -0.004 min
 Lab File: BG064295.D
 Acq: 5 Sep 2025 16:30

Tgt Ion:149 Resp: 40558
 Ion Ratio Lower Upper
 149 100
 91 75.0 61.4 92.0
 206 17.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 7.452 ng

RT: 21.434 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:228 Resp: 10973

Ion Ratio Lower Upper

228 100

226 25.8 21.7 32.5

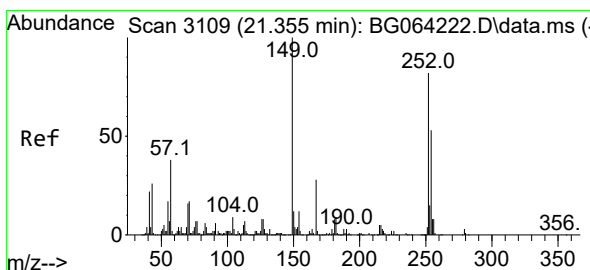
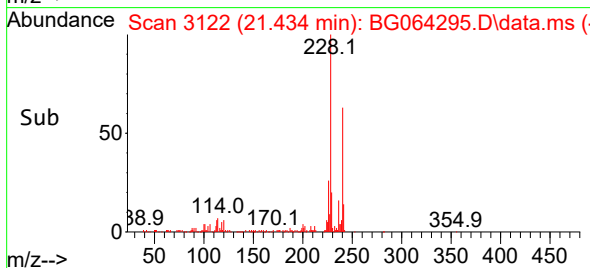
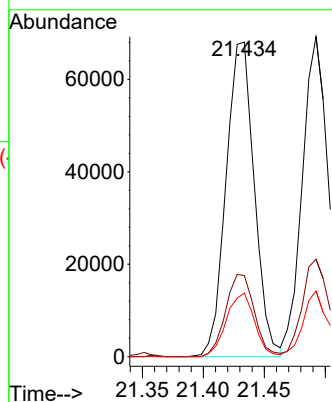
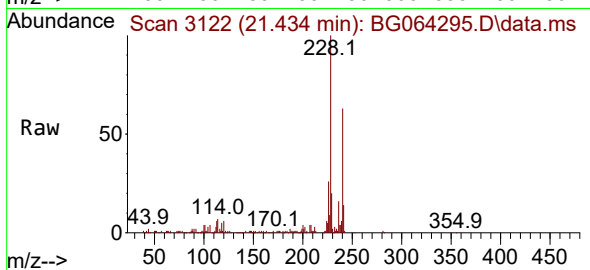
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#82

3,3'-Dichlorobenzidine

Concen: 8.277 ng

RT: 21.351 min Scan# 3108

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

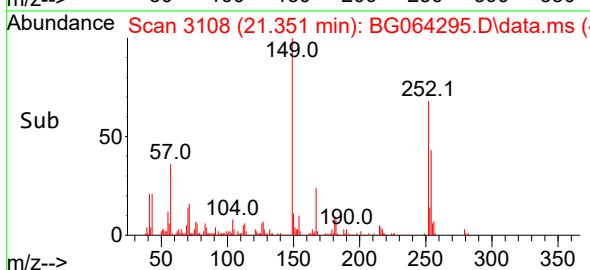
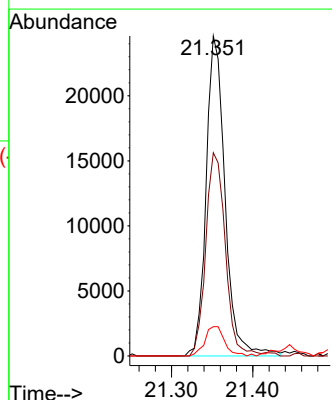
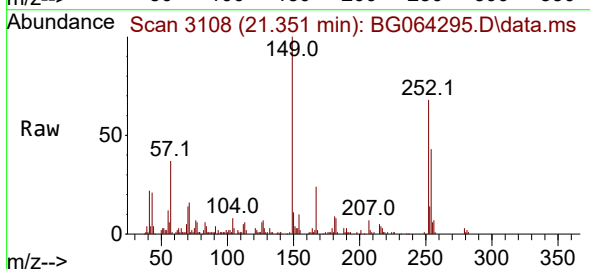
Tgt Ion:252 Resp: 39693

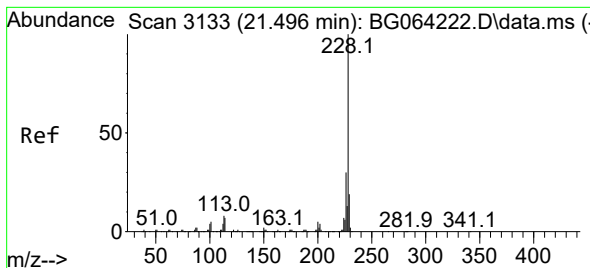
Ion Ratio Lower Upper

252 100

254 63.5 51.9 77.9

126 9.2 7.6 11.4





#83

Chrysene

Concen: 7.305 ng

RT: 21.492 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

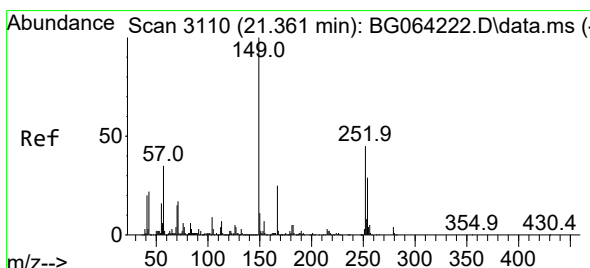
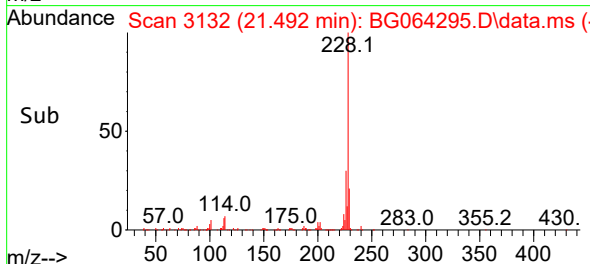
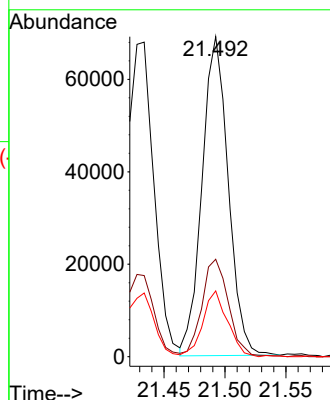
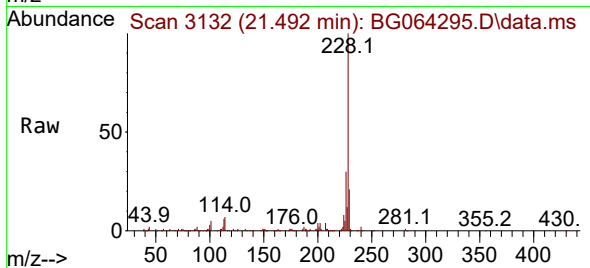
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:228 Resp: 103262
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 20.6 15.4 23.2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.500 ng

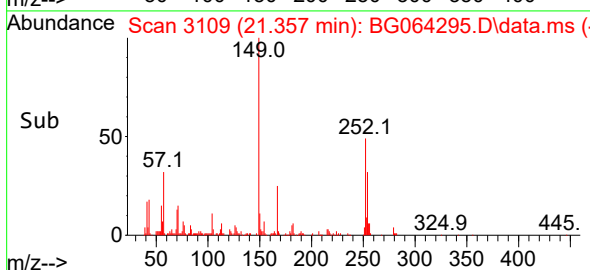
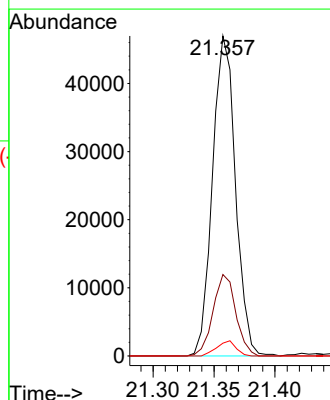
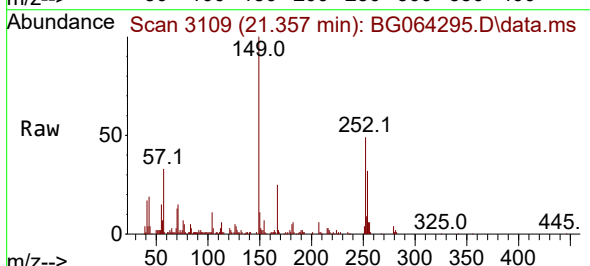
RT: 21.357 min Scan# 3109

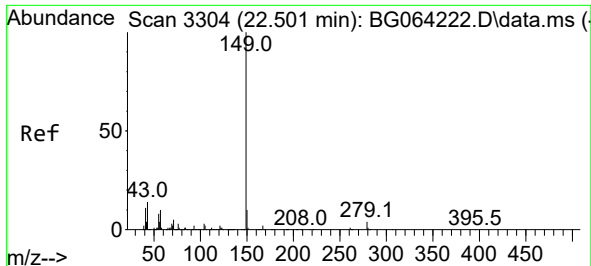
Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

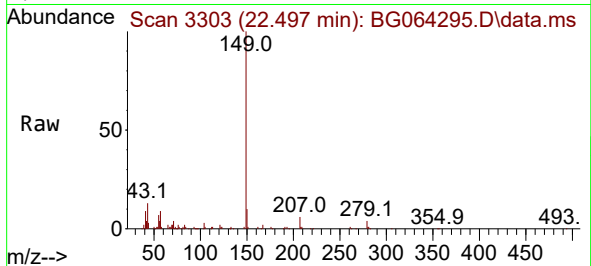
Tgt Ion:149 Resp: 61581
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.0 30.0
 279 4.0 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 7.052 ng
RT: 22.497 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

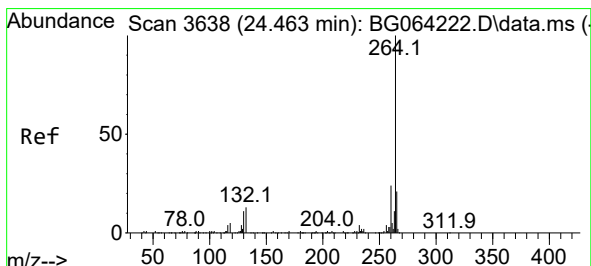
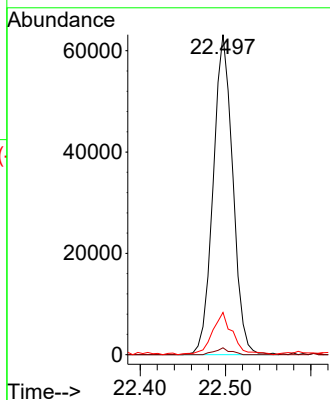
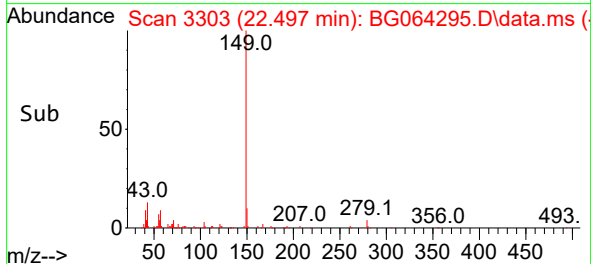
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:149 Resp: 100890
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.8 10.8 16.2

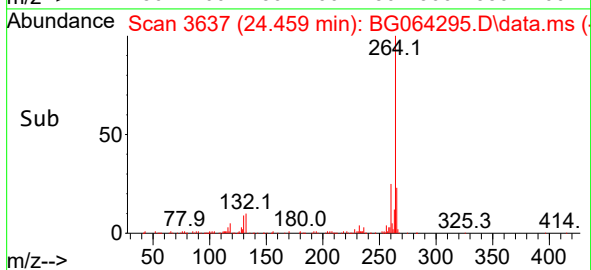
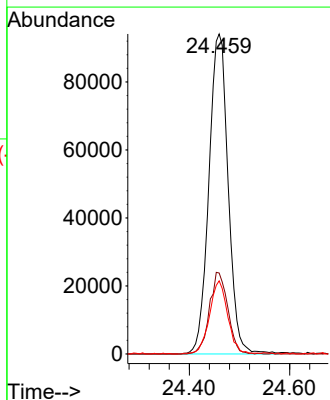
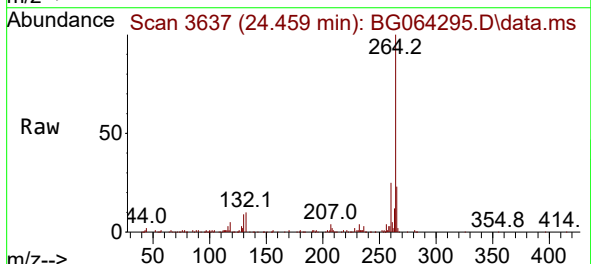
Manual Integrations
APPROVED

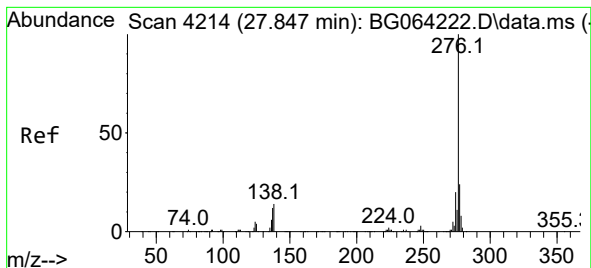
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

Tgt Ion:264 Resp: 250643
Ion Ratio Lower Upper
264 100
260 25.3 18.9 28.3
265 22.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.349 ng

RT: 27.838 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG064295.D

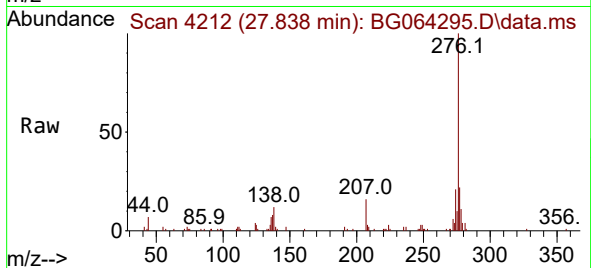
Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:276 Resp: 125790

Ion Ratio Lower Upper

276 100

138 9.7 7.4 11.0

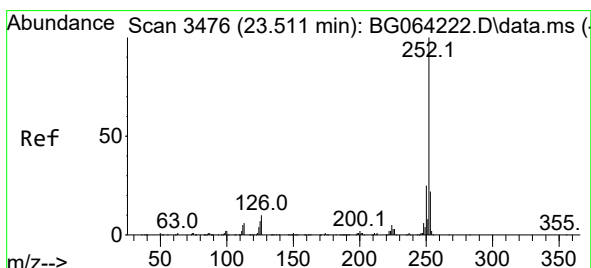
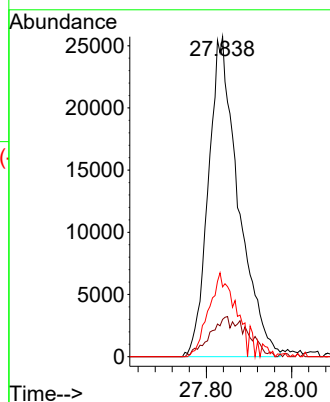
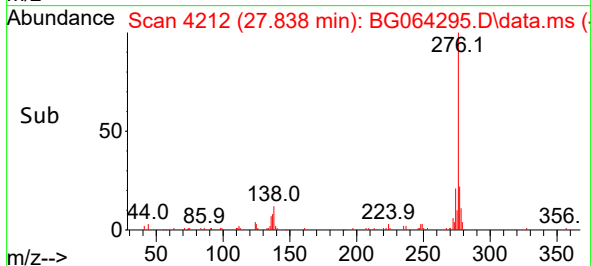
277 22.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#88

Benzo(b)fluoranthene

Concen: 7.536 ng m

RT: 23.508 min Scan# 3475

Delta R.T. -0.010 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

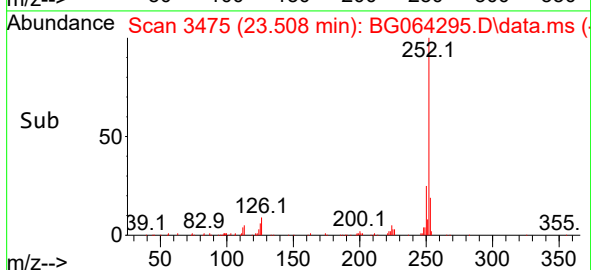
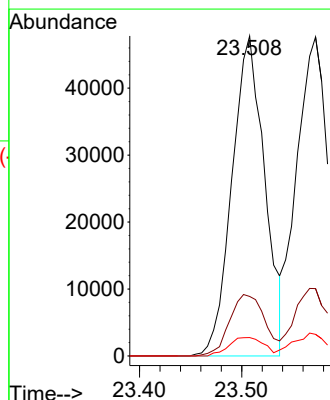
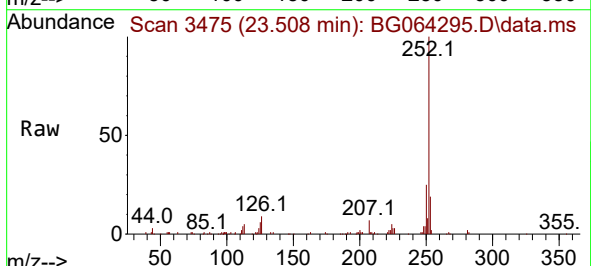
Tgt Ion:252 Resp: 106598

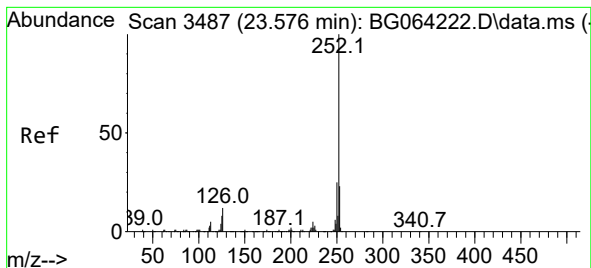
Ion Ratio Lower Upper

252 100

253 18.6 17.5 26.3

125 5.8 5.9 8.9#





#89

Benzo(k)fluoranthene

Concen: 7.387 ng

RT: 23.572 min Scan# 3487

Delta R.T. -0.015 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

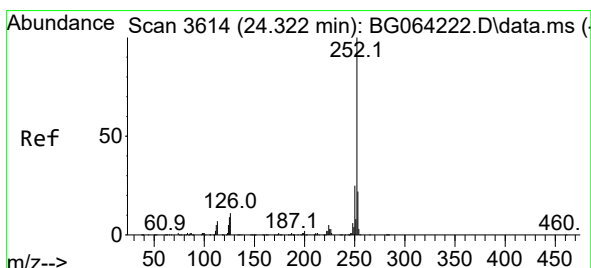
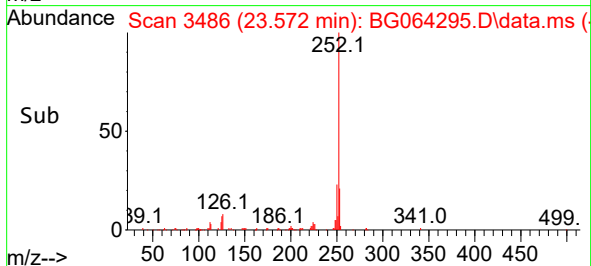
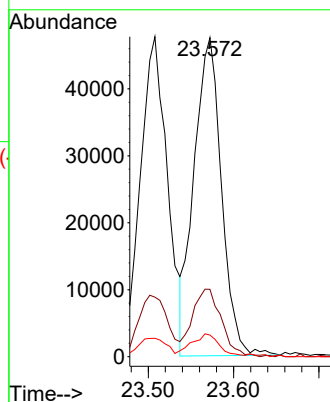
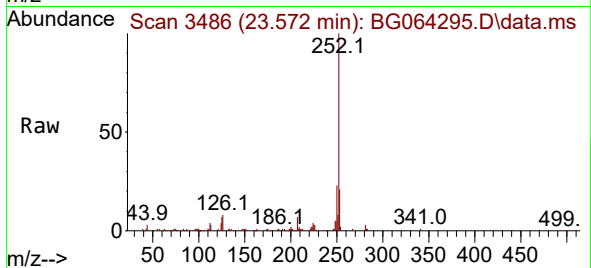
Tgt Ion:252 Resp: 106452
 Ion Ratio Lower Upper
 252 100
 253 21.1 18.2 27.4
 125 6.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#90

Benzo(a)pyrene

Concen: 7.942 ng

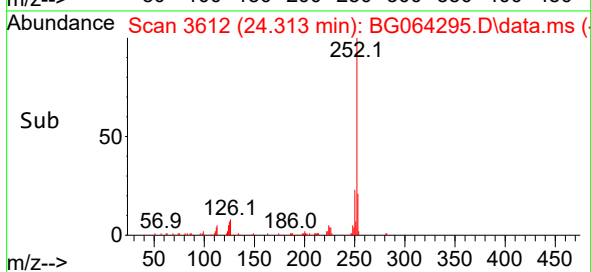
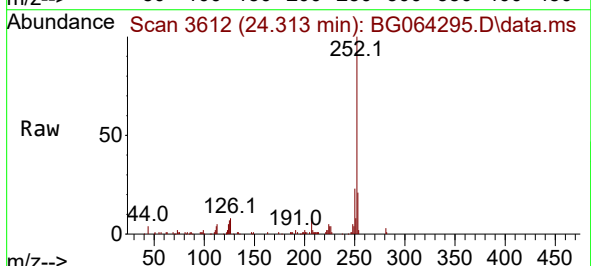
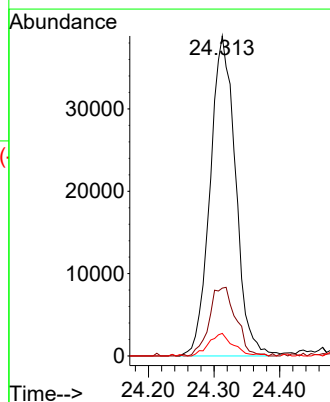
RT: 24.313 min Scan# 3612

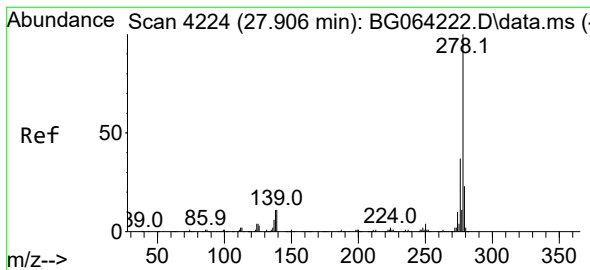
Delta R.T. -0.015 min

Lab File: BG064295.D

Acq: 5 Sep 2025 16:30

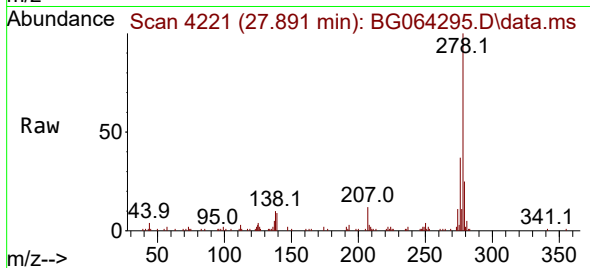
Tgt Ion:252 Resp: 104506
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.4 26.2
 125 7.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 7.683 ng
RT: 27.891 min Scan# 4221
Delta R.T. -0.033 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30

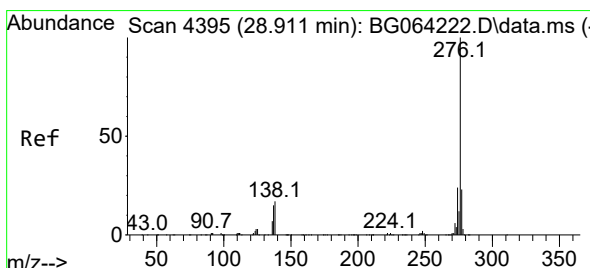
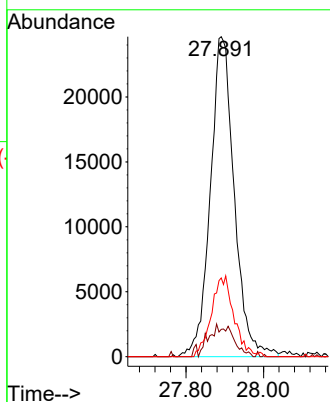
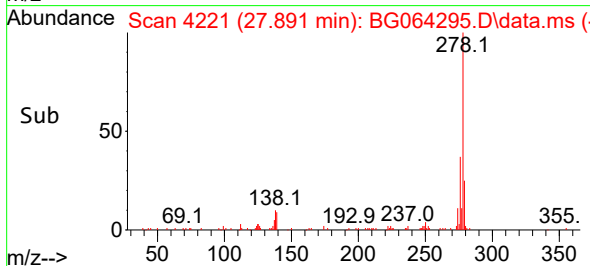
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



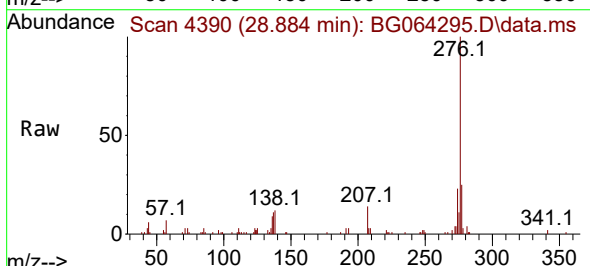
Tgt Ion:278 Resp: 105589
Ion Ratio Lower Upper
278 100
139 8.6 9.0 13.4
279 24.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#92
Benzo(g,h,i)perylene
Concen: 7.598 ng
RT: 28.884 min Scan# 4390
Delta R.T. -0.051 min
Lab File: BG064295.D
Acq: 5 Sep 2025 16:30



Tgt Ion:276 Resp: 101612
Ion Ratio Lower Upper
276 100
277 25.1 18.2 27.4
138 11.8 13.3 19.9#

