

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064294.D
 Acq On : 5 Sep 2025 15:49
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER 4PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 16:25:39 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	25778	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	112595	20.000	ng	#-0.01
39) Acenaphthene-d10	14.474	164	81735	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	205090	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	220813	20.000	ng	0.00
86) Perylene-d12	24.456	264	241290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	165914	115.473	ng	0.00
7) Phenol-d6	7.023	99	229518	116.273	ng	0.00
23) Nitrobenzene-d5	9.003	82	179887	89.101	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	159272	147.118	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	467555	87.313	ng	0.00
79) Terphenyl-d14	19.838	244	979001	92.501	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.357	88	2302	3.844	ng	85
3) Pyridine	3.757	79	5865	3.327	ng	# 52
4) n-Nitrosodimethylamine	3.669	42	4748	4.072	ng	91
6) Aniline	7.176	93	9828	3.600	ng	96
8) 2-Chlorophenol	7.417	128	6524	3.716	ng	91
9) Benzaldehyde	7.000	77	6405	3.943	ng	89
10) Phenol	7.047	94	8049	3.698	ng	85
11) bis(2-Chloroethyl)ether	7.276	93	5486	3.355	ng	96
12) 1,3-Dichlorobenzene	7.740	146	7391	3.957	ng	89
13) 1,4-Dichlorobenzene	7.893	146	7243	3.842	ng	91
14) 1,2-Dichlorobenzene	8.204	146	7367m	4.049	ng	
15) Benzyl Alcohol	8.081	79	6268	3.441	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	10637	2.849	ng	95
17) 2-Methylphenol	8.293	107	4967	3.062	ng	# 78
18) Hexachloroethane	8.921	117	2800	3.805	ng	# 75
19) n-Nitroso-di-n-propyla...	8.657	70	5016	3.320	ng	97
20) 3+4-Methylphenols	8.610	107	7069	3.137	ng	92
22) Acetophenone	8.663	105	11157	3.917	ng	# 94
24) Nitrobenzene	9.039	77	7587	3.597	ng	92
25) Isophorone	9.568	82	15857	3.779	ng	# 90
26) 2-Nitrophenol	9.750	139	3476	3.814	ng	94
27) 2,4-Dimethylphenol	9.820	122	5850	3.656	ng	92
28) bis(2-Chloroethoxy)met...	10.043	93	8952	3.957	ng	# 80
29) 2,4-Dichlorophenol	10.296	162	6029	3.571	ng	94
30) 1,2,4-Trichlorobenzene	10.502	180	7726	4.340	ng	92
31) Naphthalene	10.690	128	21823	3.738	ng	# 92
32) Benzoic acid	9.949	122	2034m	1.601	ng	
33) 4-Chloroaniline	10.796	127	8663	3.828	ng	96
34) Hexachlorobutadiene	10.984	225	6214	4.722	ng	92
35) Caprolactam	11.553	113	2348	3.591	ng	# 37
36) 4-Chloro-3-methylphenol	11.918	107	7616	3.477	ng	# 91
37) 2-Methylnaphthalene	12.300	142	13761m	3.171	ng	
38) 1-Methylnaphthalene	12.517	142	15311	3.572	ng	98
40) 1,2,4,5-Tetrachloroben...	12.664	216	10264	4.352	ng	92
41) Hexachlorocyclopentadiene	12.652	237	4499	4.014	ng	81
43) 2,4,6-Trichlorophenol	12.905	196	6325m	4.013	ng	

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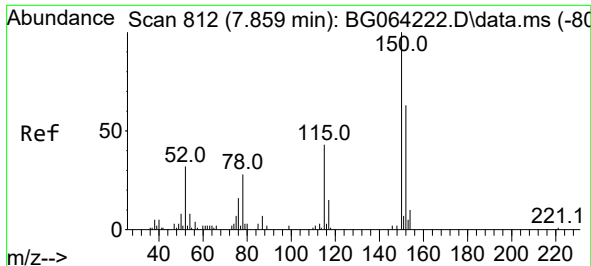
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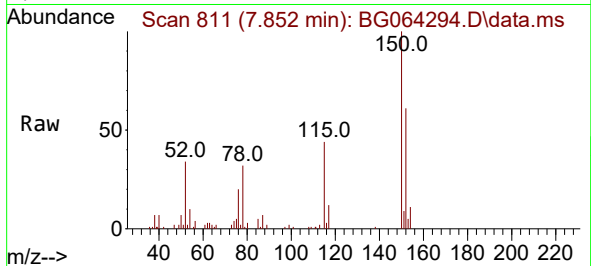
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	6792	3.972	ng	# 92
46) 1,1'-Biphenyl	13.316	154	22692	3.812	ng	95
47) 2-Chloronaphthalene	13.345	162	17104	3.822	ng	99
48) 2-Nitroaniline	13.551	65	5405	3.543	ng	# 77
49) Acenaphthylene	14.197	152	27878	4.214	ng	97
50) Dimethylphthalate	13.927	163	23791	3.846	ng	96
51) 2,6-Dinitrotoluene	14.045	165	4603	3.843	ng	# 80
52) Acenaphthene	14.538	154	17685	3.788	ng	94
53) 3-Nitroaniline	14.374	138	4888	3.896	ng	# 83
54) 2,4-Dinitrophenol	14.591	184	1499	7.432	ng	# 69
55) Dibenzofuran	14.873	168	29002	3.949	ng	96
56) 4-Nitrophenol	14.691	139	2777	2.698	ng	# 75
57) 2,4-Dinitrotoluene	14.838	165	7151	3.949	ng	# 95
58) Fluorene	15.525	166	23545	3.912	ng	89
59) 2,3,4,6-Tetrachlorophenol	15.108	232	6522	3.966	ng	# 95
60) Diethylphthalate	15.296	149	26672	4.028	ng	97
61) 4-Chlorophenyl-phenyle...	15.519	204	12088	4.028	ng	# 86
62) 4-Nitroaniline	15.537	138	4383	3.424	ng	# 85
63) Azobenzene	15.813	77	21696	3.677	ng	90
65) 4,6-Dinitro-2-methylph...	15.602	198	3607	3.063	ng	90
66) n-Nitrosodiphenylamine	15.731	169	20791	3.685	ng	# 88
67) 4-Bromophenyl-phenylether	16.412	248	9020	4.141	ng	# 82
68) Hexachlorobenzene	16.530	284	9462	3.912	ng	# 90
69) Atrazine	16.677	200	9133	3.877	ng	83
70) Pentachlorophenol	16.871	266	4987	3.400	ng	95
71) Phenanthrene	17.259	178	42722	3.949	ng	97
72) Anthracene	17.353	178	40651	3.694	ng	98
73) Carbazole	17.623	167	36134	3.728	ng	96
74) Di-n-butylphthalate	18.187	149	43135	3.704	ng	# 98
75) Fluoranthene	19.268	202	49229	3.871	ng	94
77) Benzidine	19.456	184	18080	3.892	ng	# 92
78) Pyrene	19.632	202	51644	3.712	ng	98
80) Butylbenzylphthalate	20.531	149	20588	3.924	ng	# 92
81) Benzo(a)anthracene	21.430	228	53034	3.754	ng	96
82) 3,3'-Dichlorobenzidine	21.354	252	18725	4.070	ng	94
83) Chrysene	21.495	228	51886	3.826	ng	96
84) Bis(2-ethylhexyl)phtha...	21.354	149	29121	3.697	ng	98
85) Di-n-octyl phthalate	22.499	149	50381	3.670	ng	99
87) Indeno(1,2,3-cd)pyrene	27.834	276	61253	3.717	ng	# 62
88) Benzo(b)fluoranthene	23.504	252	51115m	3.753	ng	
89) Benzo(k)fluoranthene	23.563	252	50741	3.657	ng	# 93
90) Benzo(a)pyrene	24.309	252	50386	3.977	ng	94
91) Dibenzo(a,h)anthracene	27.893	278	48610	3.674	ng	# 96
92) Benzo(g,h,i)perylene	28.886	276	49637	3.856	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

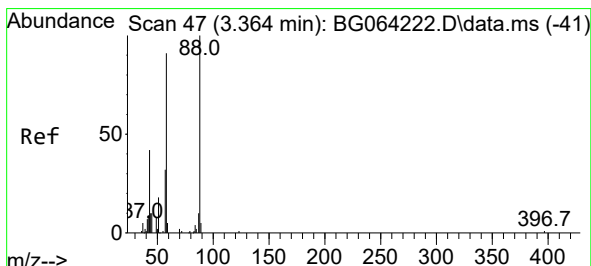
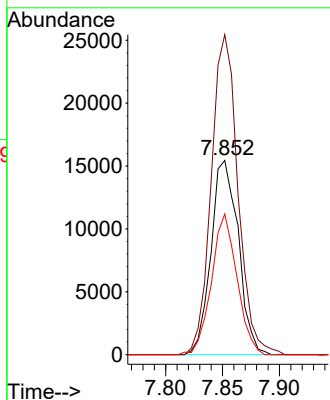
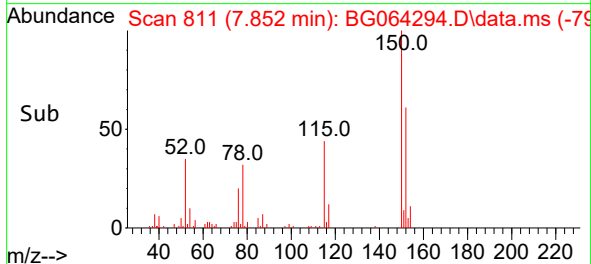
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:152 Resp: 25778
Ion Ratio Lower Upper
152 100
150 164.7 128.0 192.0
115 72.4 55.7 83.5

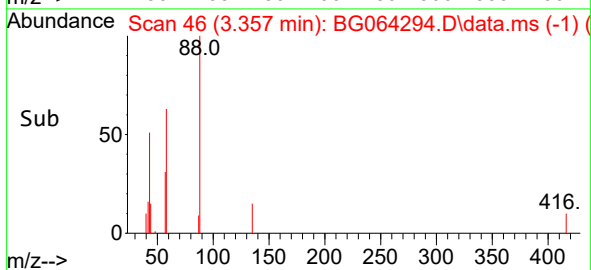
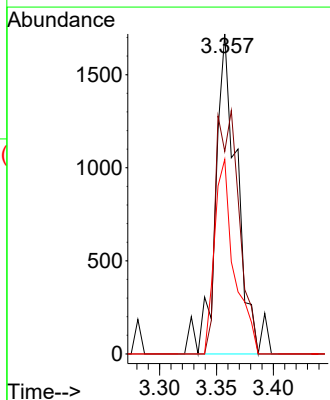
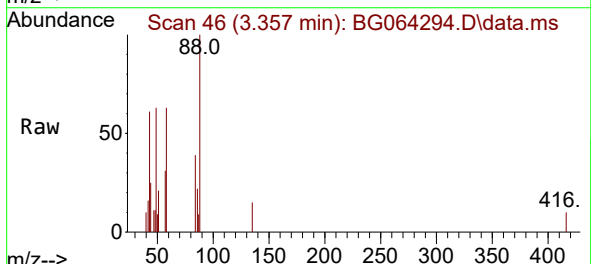
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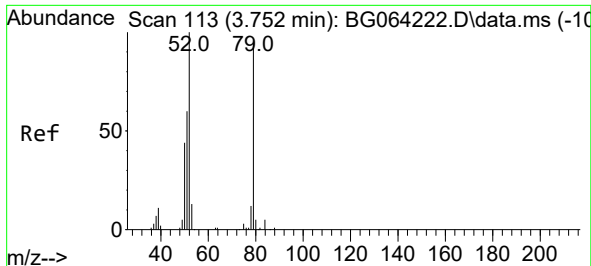
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#2
1,4-Dioxane
Concen: 3.844 ng
RT: 3.357 min Scan# 46
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

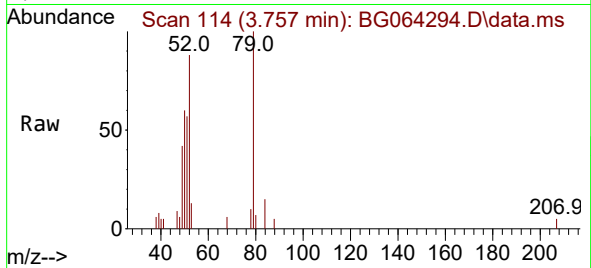
Tgt Ion: 88 Resp: 2302
Ion Ratio Lower Upper
88 100
58 81.1 80.8 121.2
43 54.9 40.3 60.5





#3
Pyridine
Concen: 3.327 ng
RT: 3.757 min Scan# 113
Delta R.T. 0.005 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

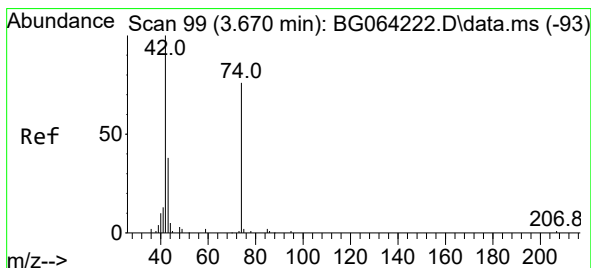
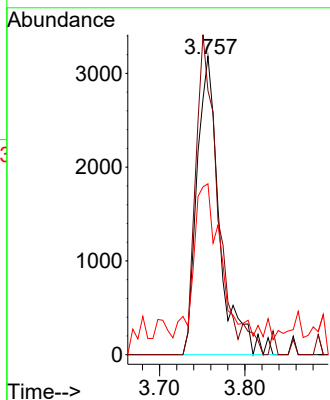
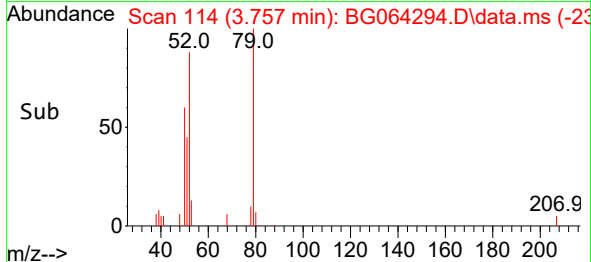
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



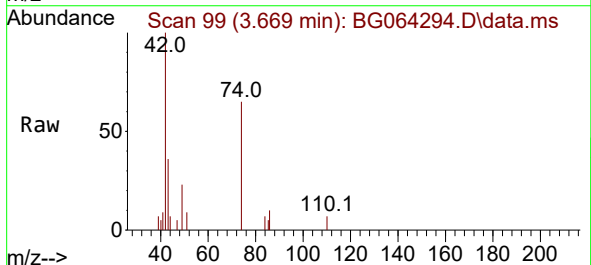
Tgt Ion: 79 Resp: 586
Ion Ratio Lower Upper
79 100
52 88.4 86.6 129.8
51 57.3 114.1 171.1

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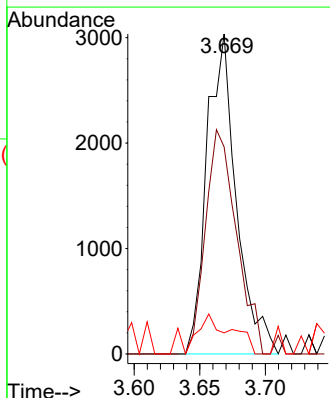
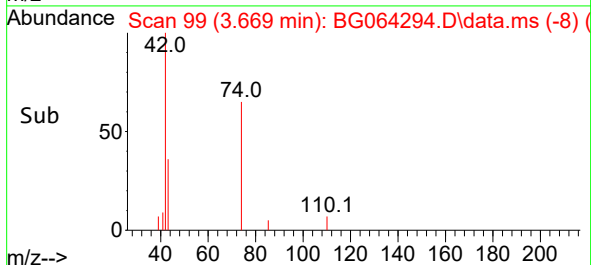
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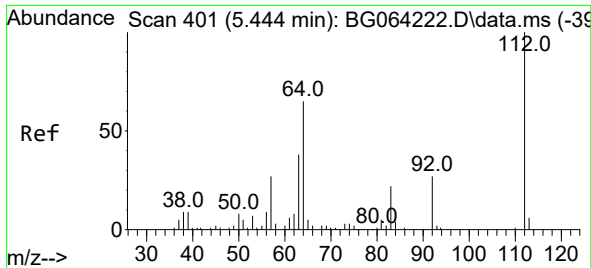


#4
n-Nitrosodimethylamine
Concen: 4.072 ng
RT: 3.669 min Scan# 99
Delta R.T. 0.005 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



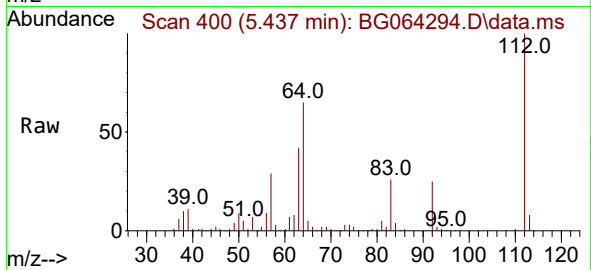
Tgt Ion: 42 Resp: 4748
Ion Ratio Lower Upper
42 100
74 64.7 58.0 87.0
44 6.6 5.5 8.3





#5
2-Fluorophenol
Concen: 115.473 ng
RT: 5.437 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

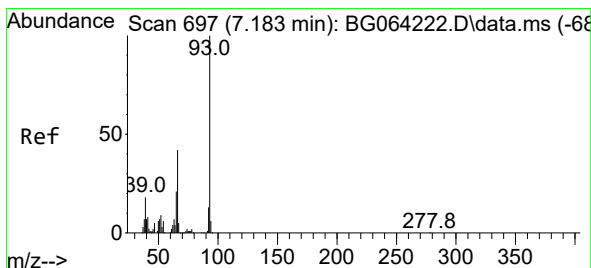
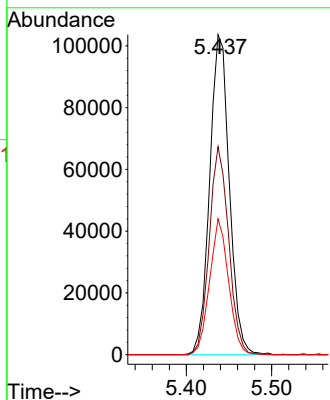
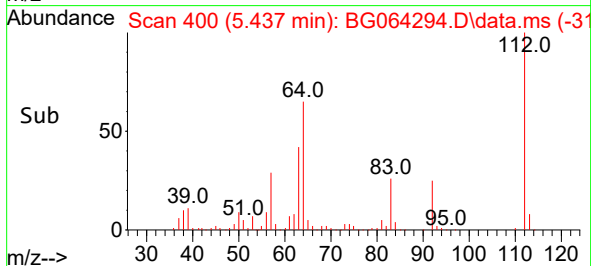
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:112 Resp: 165914
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.6
63 42.4 30.6 45.8

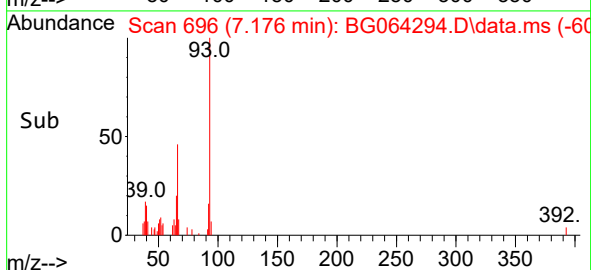
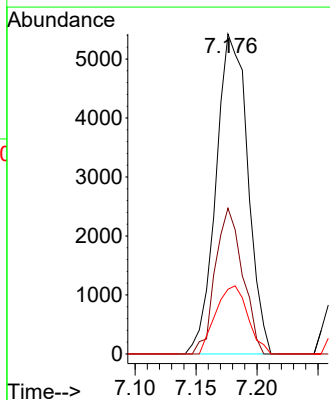
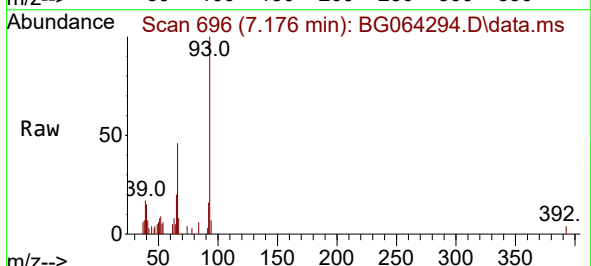
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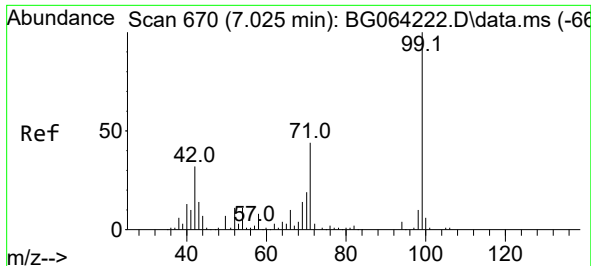
Reviewed By :Rahul Chavli 09/08/2025
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#6
Aniline
Concen: 3.600 ng
RT: 7.176 min Scan# 696
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

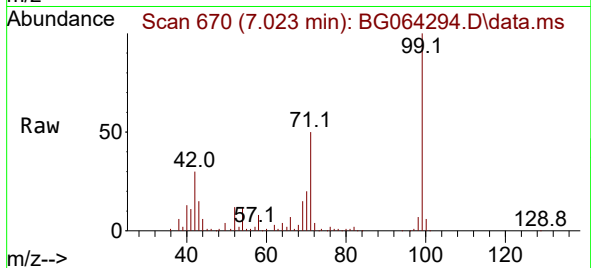
Tgt Ion: 93 Resp: 9828
Ion Ratio Lower Upper
93 100
66 45.6 33.8 50.8
65 20.2 16.9 25.3





#7
Phenol-d6
Concen: 116.273 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

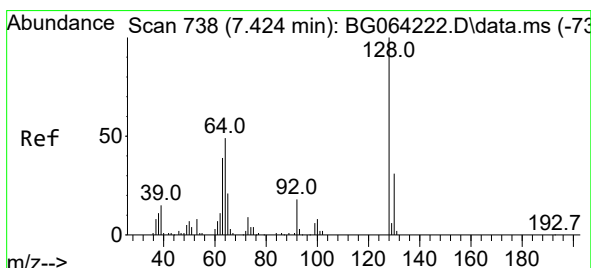
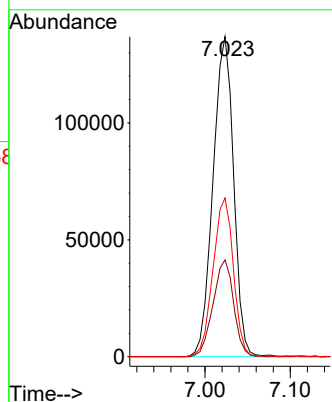
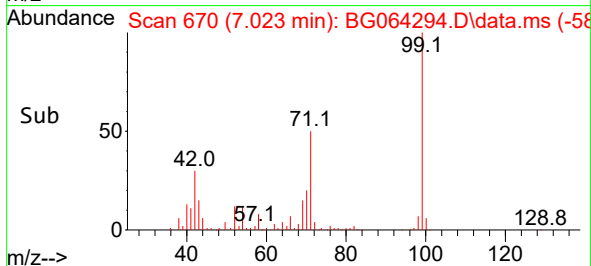
Instrument :
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Tgt Ion: 99 Resp: 229518
Ion Ratio Lower Upper
99 100
42 30.3 25.8 38.8
71 49.6 35.2 52.8

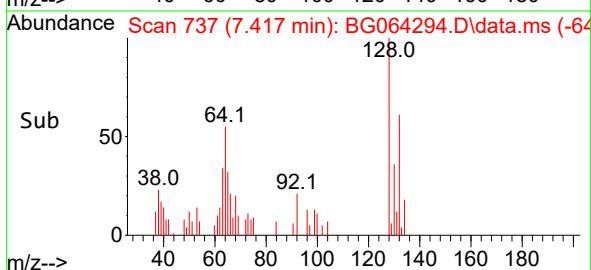
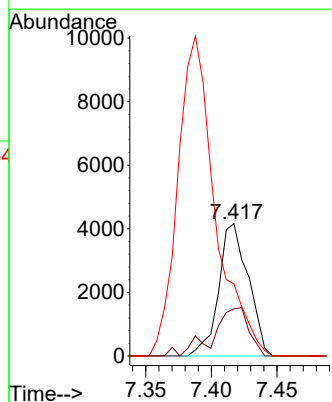
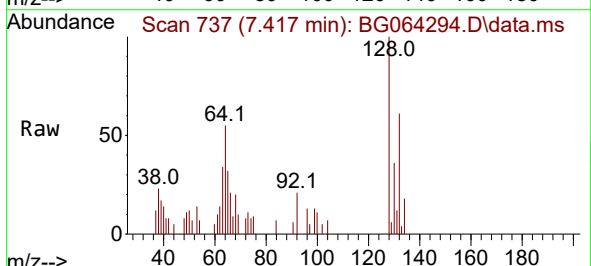
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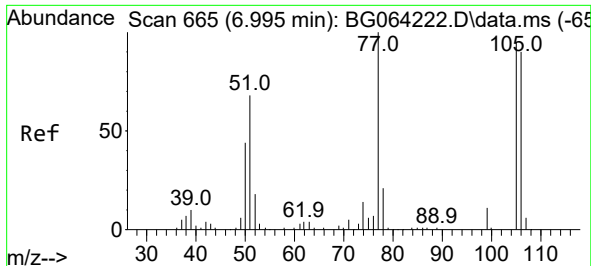
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#8
2-Chlorophenol
Concen: 3.716 ng
RT: 7.417 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:128 Resp: 6524
Ion Ratio Lower Upper
128 100
130 35.6 10.9 50.9
64 54.6 28.7 68.7





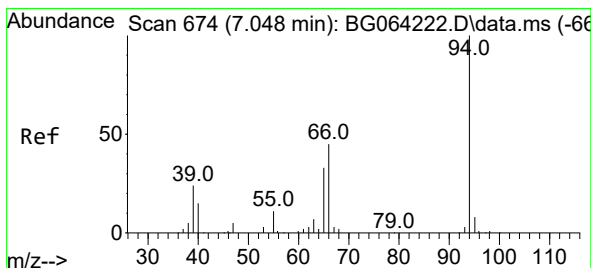
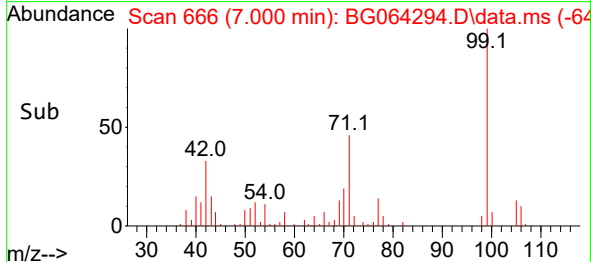
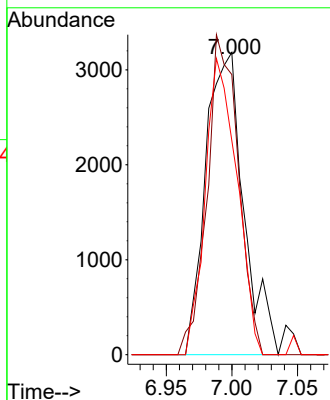
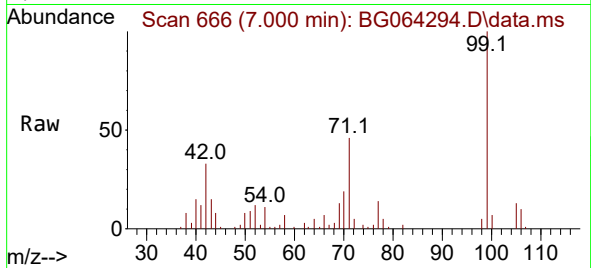
#9
Benzaldehyde
Concen: 3.943 ng
RT: 7.000 min Scan# 665
Delta R.T. 0.005 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

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

Tgt Ion: 77 Resp: 640
Ion Ratio Lower Upper
77 100
105 92.7 75.2 115.2
106 70.9 69.6 109.6

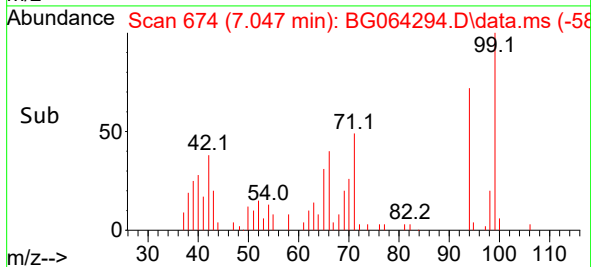
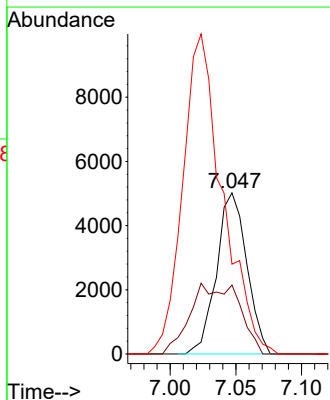
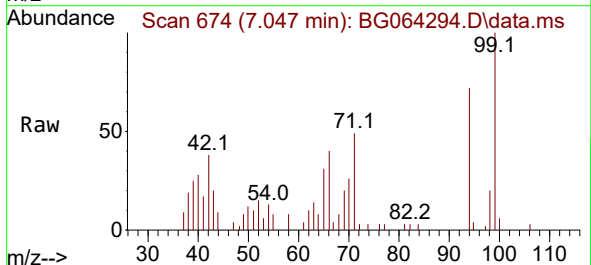
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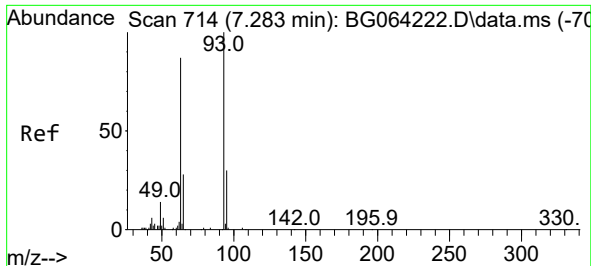
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#10
Phenol
Concen: 3.698 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

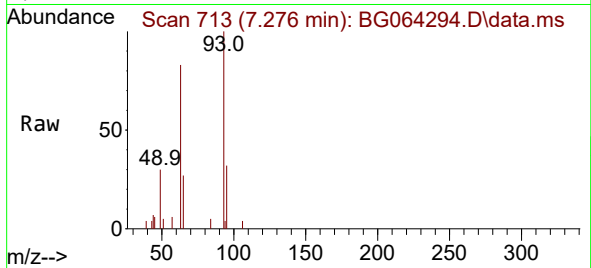
Tgt Ion: 94 Resp: 8049
Ion Ratio Lower Upper
94 100
65 42.8 13.5 53.5
66 55.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 3.355 ng
RT: 7.276 min Scan# 714
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

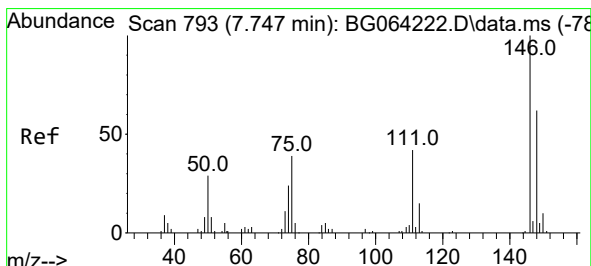
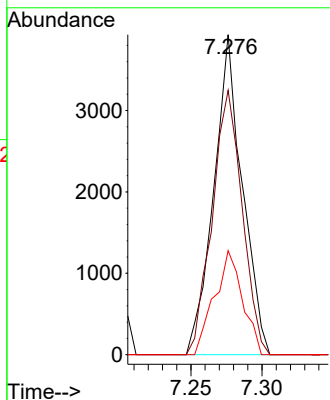
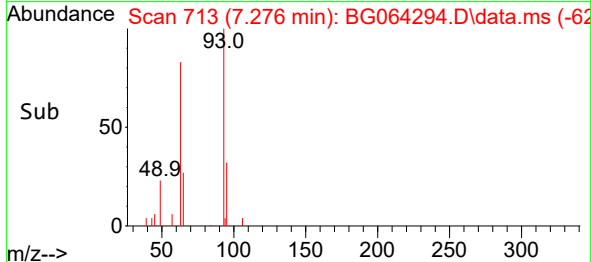
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 93 Resp: 5480
Ion Ratio Lower Upper
93 100
63 82.6 66.2 106.2
95 32.5 9.8 49.8

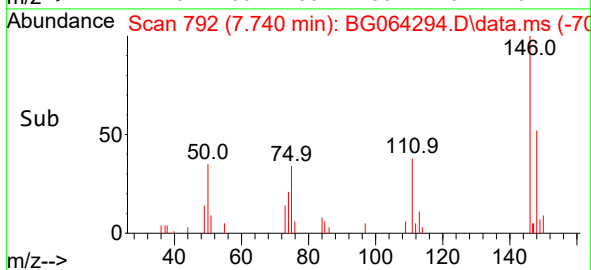
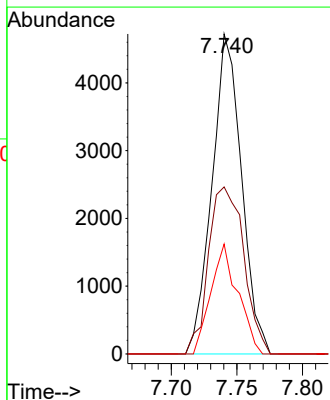
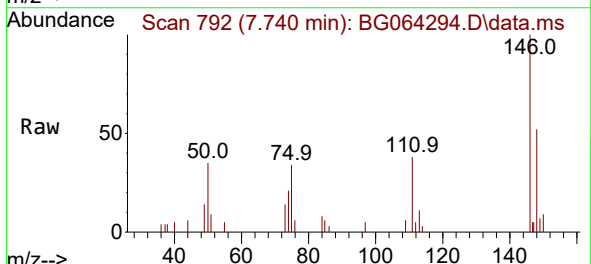
Manual Integrations
APPROVED

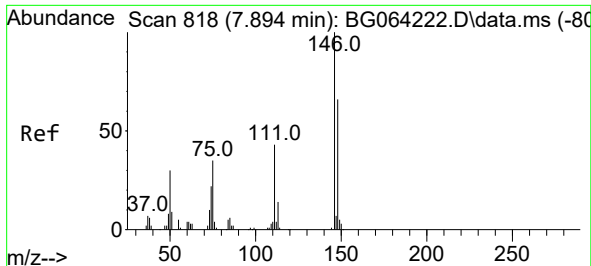
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#12
1,3-Dichlorobenzene
Concen: 3.957 ng
RT: 7.740 min Scan# 792
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:146 Resp: 7391
Ion Ratio Lower Upper
146 100
148 52.2 49.6 74.4
75 34.3 31.0 46.6





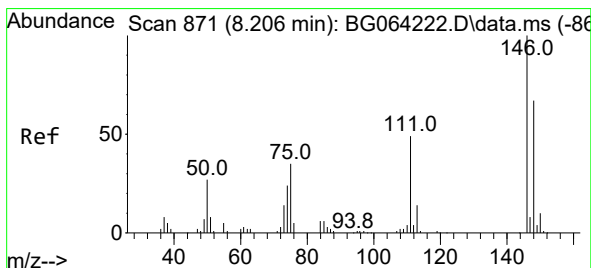
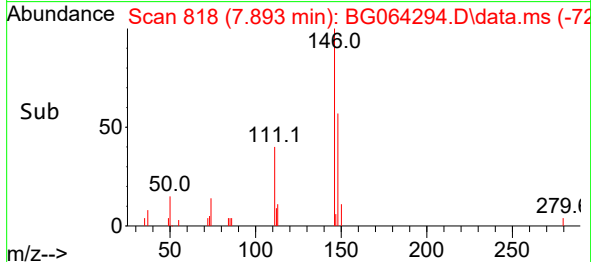
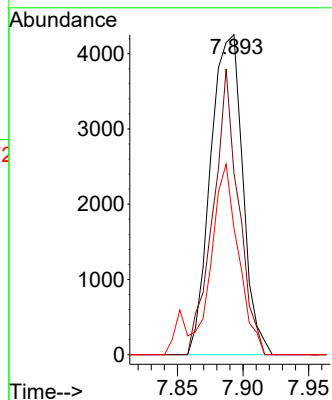
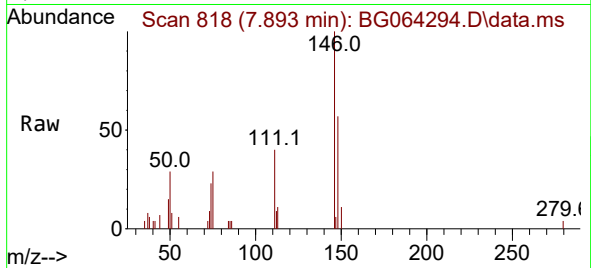
#13
1,4-Dichlorobenzene
Concen: 3.842 ng
RT: 7.893 min Scan# 818
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

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

Tgt Ion:146 Resp: 724
Ion Ratio Lower Upper
146 100
148 56.7 52.8 79.2
111 39.5 34.1 51.1

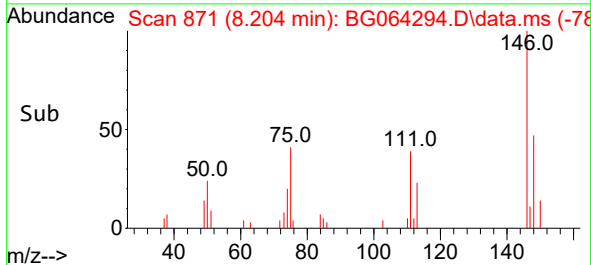
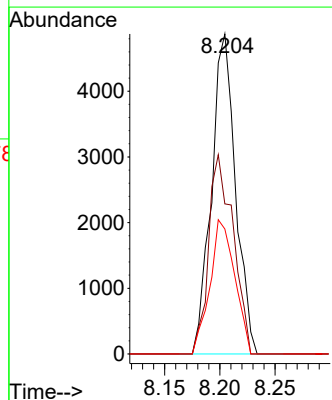
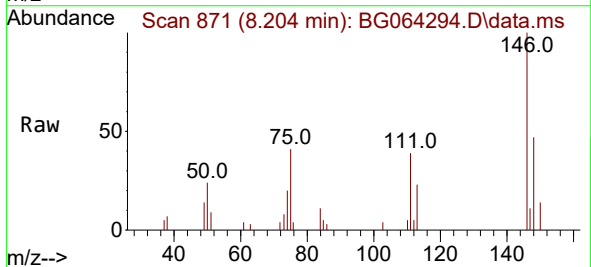
Manual Integrations
APPROVED

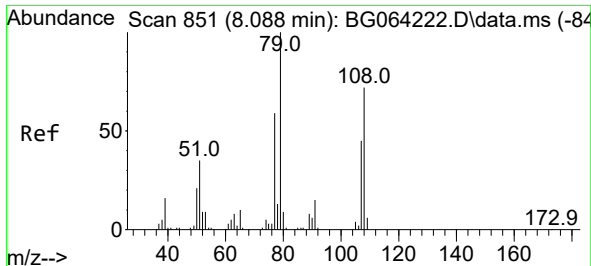
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#14
1,2-Dichlorobenzene
Concen: 4.049 ng m
RT: 8.204 min Scan# 871
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

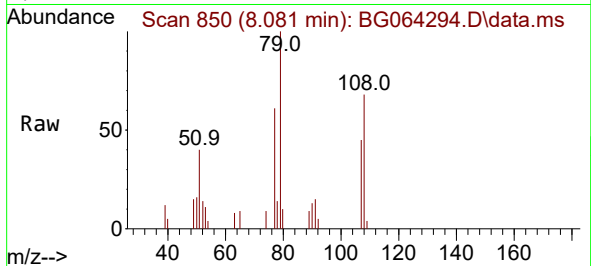
Tgt Ion:146 Resp: 7367
Ion Ratio Lower Upper
146 100
148 46.9 53.4 80.0#
111 39.0 39.1 58.7#





#15
Benzyl Alcohol
Concen: 3.441 ng
RT: 8.081 min Scan# 801
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

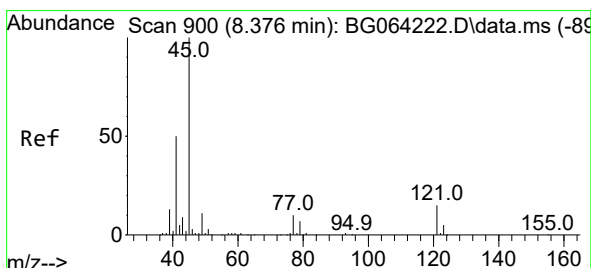
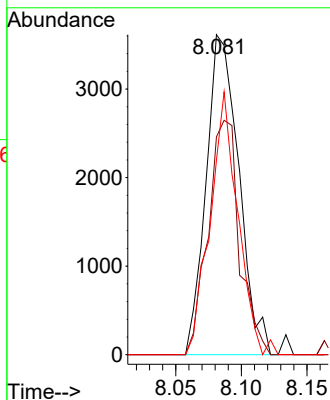
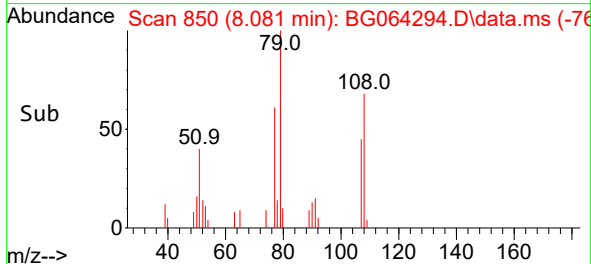
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 79 Resp: 6268
Ion Ratio Lower Upper
79 100
108 68.1 57.4 86.0
77 60.8 47.2 70.8

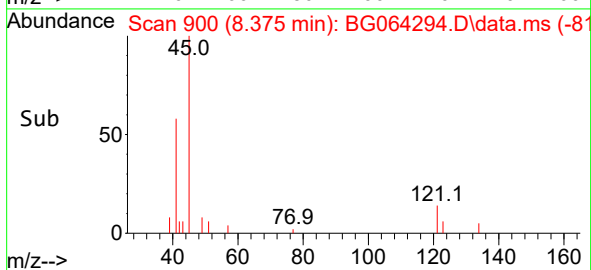
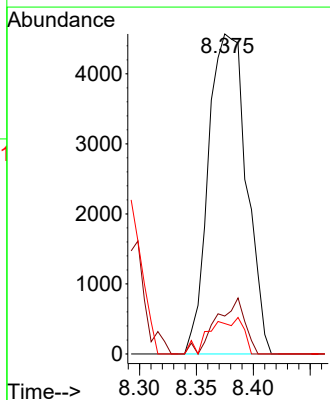
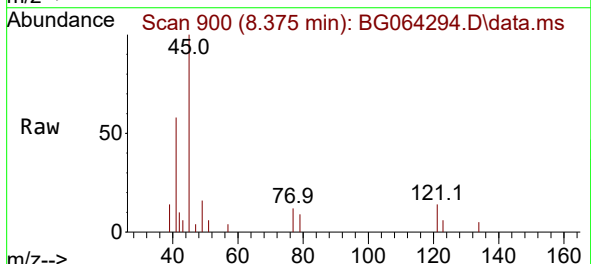
Manual Integrations
APPROVED

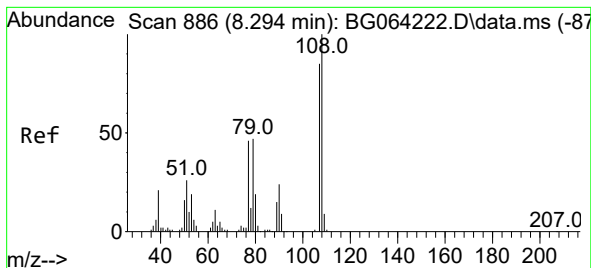
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.849 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

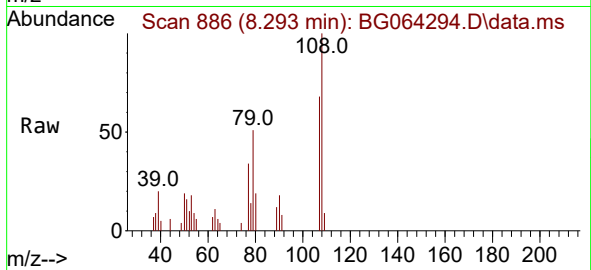
Tgt Ion: 45 Resp: 10637
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.0
79 9.5 0.0 27.9





#17
2-Methylphenol
Concen: 3.062 ng
RT: 8.293 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

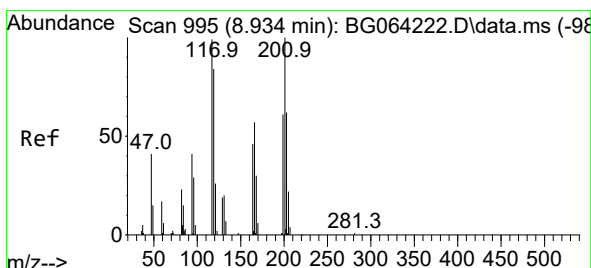
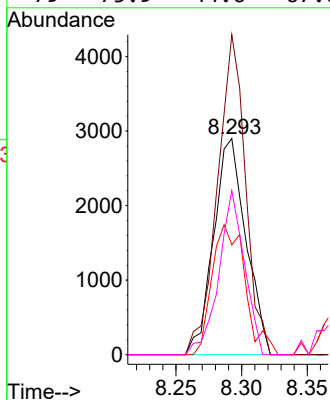
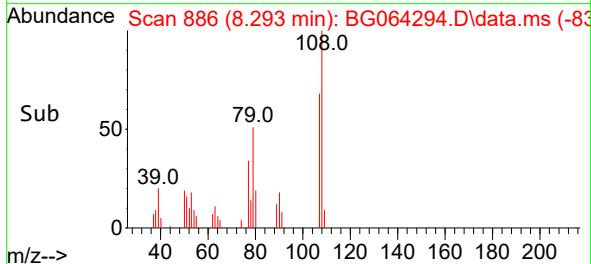
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:	107	Resp:	496
Ion	Ratio	Lower	Upper
107	100		
108	148.1	94.6	141.8
77	50.8	43.7	65.5
79	75.9	44.6	67.0

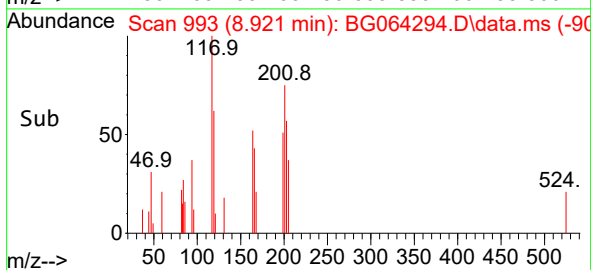
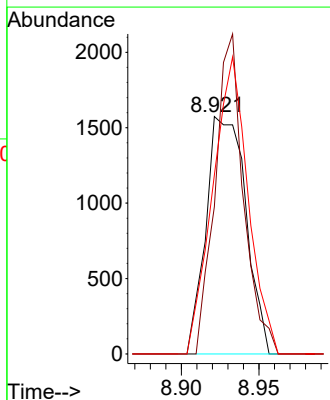
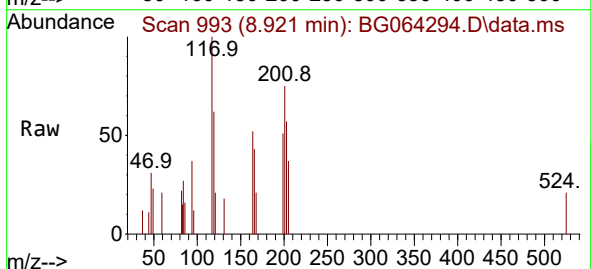
Manual Integrations
APPROVED

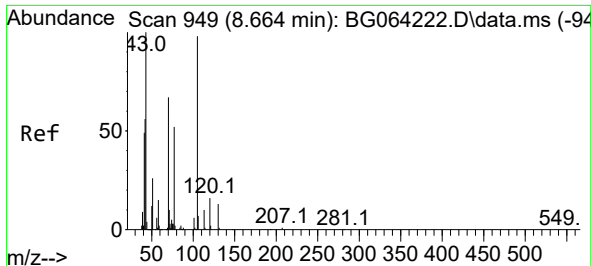
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#18
Hexachloroethane
Concen: 3.805 ng
RT: 8.921 min Scan# 993
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

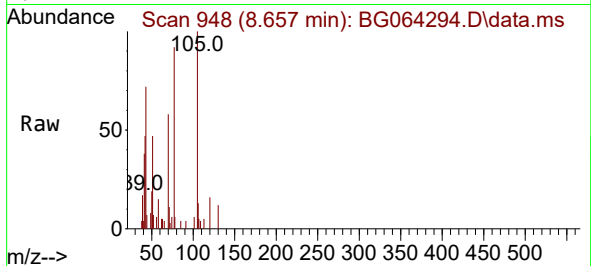
Tgt Ion:	117	Resp:	2800
Ion	Ratio	Lower	Upper
117	100		
119	62.0	67.9	101.9
201	75.3	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.320 ng
RT: 8.657 min Scan# 949
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

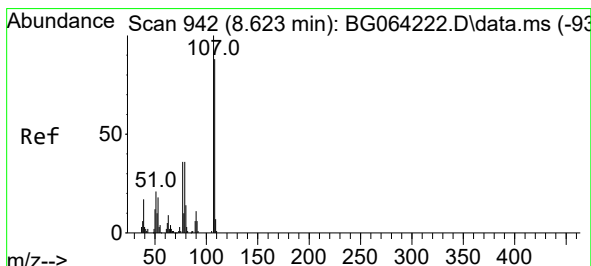
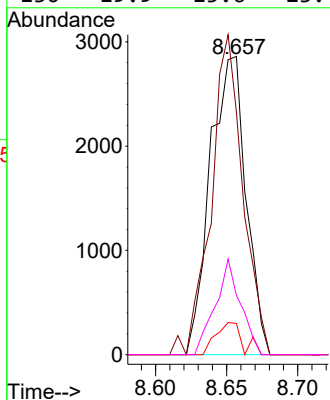
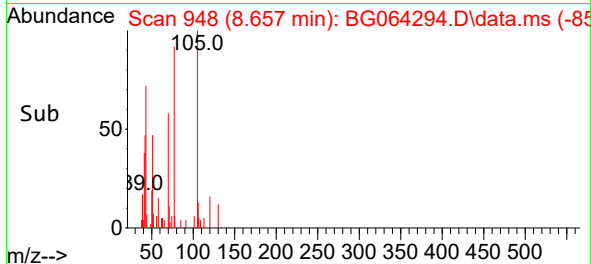
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 70 Resp: 5010
Ion Ratio Lower Upper
70 100
42 81.2 67.9 101.9
101 10.5 7.3 10.9
130 19.9 15.6 23.4

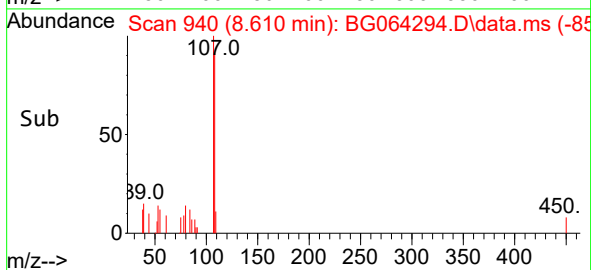
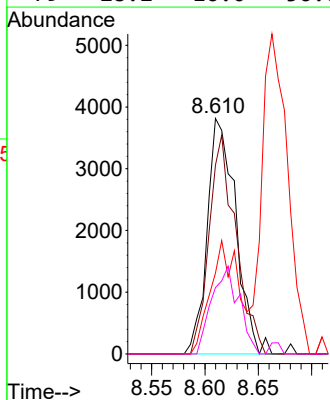
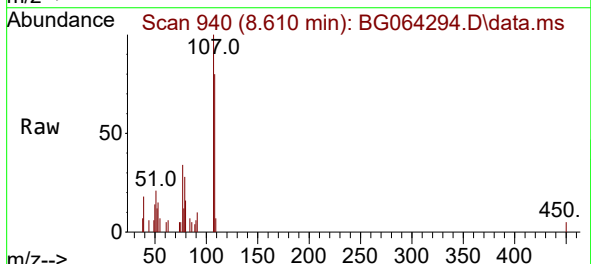
Manual Integrations
APPROVED

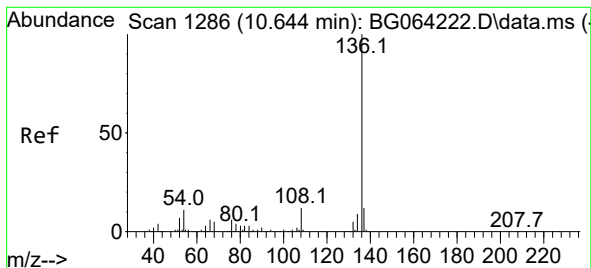
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#20
3+4-Methylphenols
Concen: 3.137 ng
RT: 8.610 min Scan# 940
Delta R.T. -0.019 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

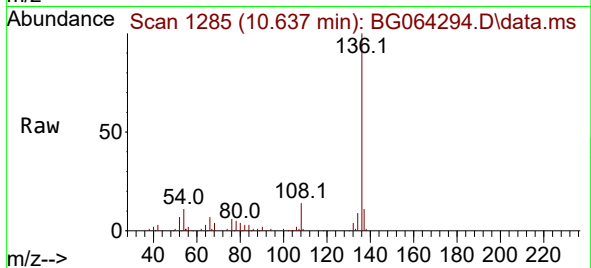
Tgt Ion:107 Resp: 7069
Ion Ratio Lower Upper
107 100
108 80.3 68.1 108.1
77 34.4 15.9 55.9
79 28.2 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 11259
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

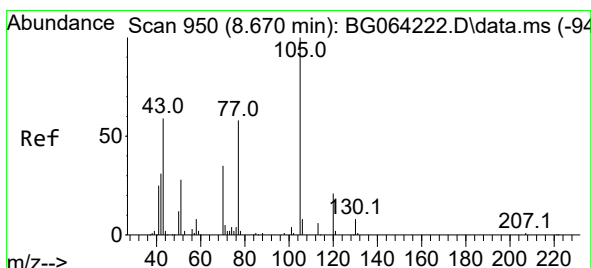
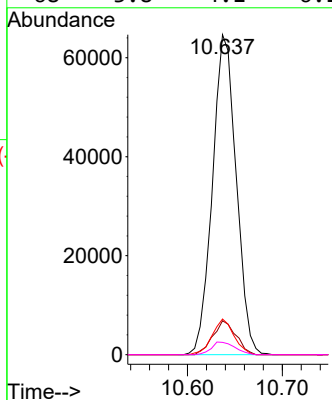
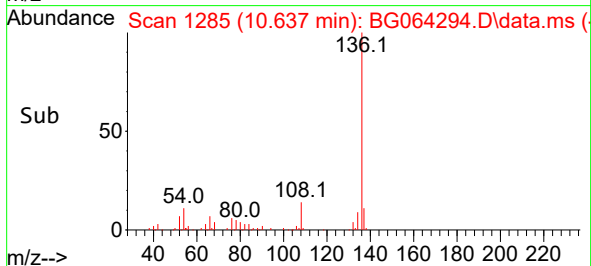
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:136 Resp: 11259
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.2 8.8 13.2
68 3.8 4.1 6.1#

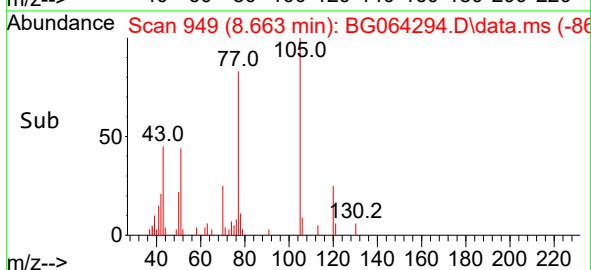
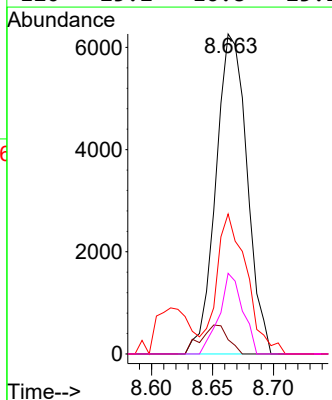
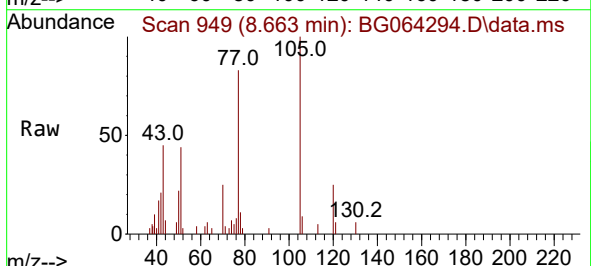
Manual Integrations
APPROVED

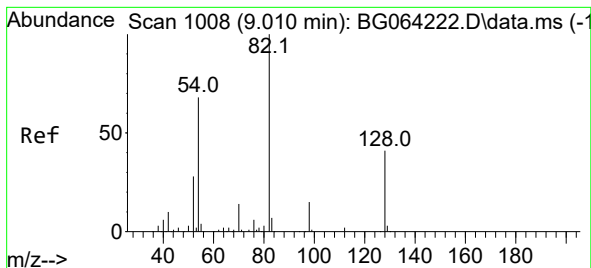
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#22
Acetophenone
Concen: 3.917 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:105 Resp: 11157
Ion Ratio Lower Upper
105 100
71 4.5 4.3 6.5
51 43.8 32.4 48.6
120 25.2 16.8 25.2#





#23

Nitrobenzene-d5

Concen: 89.101 ng

RT: 9.003 min Scan# 1007

Delta R.T. -0.013 min

Lab File: BG064294.D

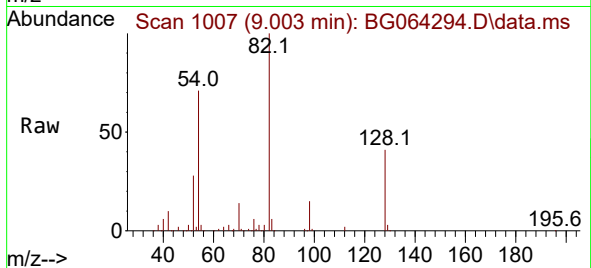
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion: 82 Resp: 17988

Ion Ratio Lower Upper

82 100

128 41.1 32.6 48.8

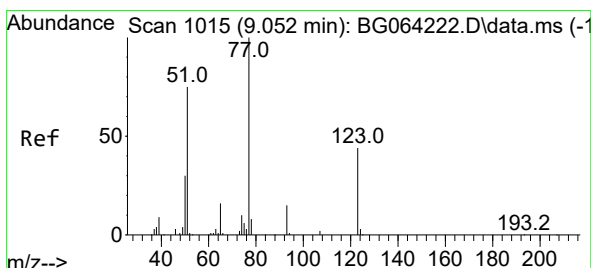
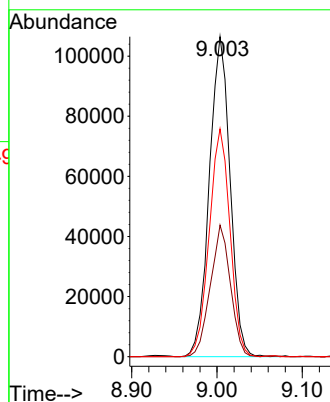
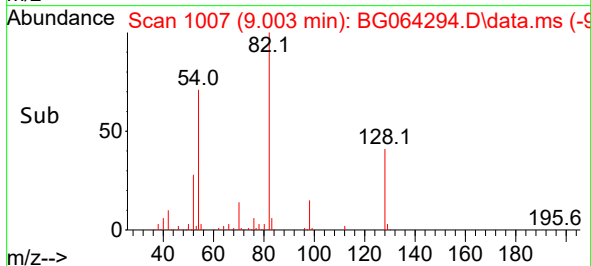
54 71.2 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#24

Nitrobenzene

Concen: 3.597 ng

RT: 9.039 min Scan# 1013

Delta R.T. -0.019 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

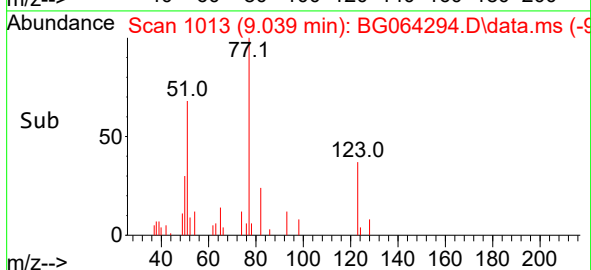
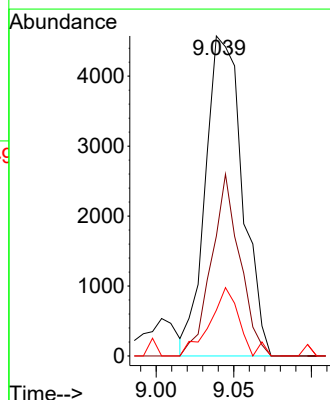
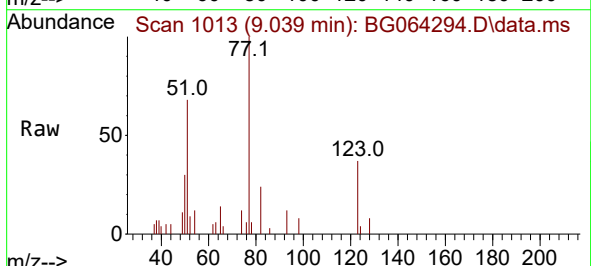
Tgt Ion: 77 Resp: 7587

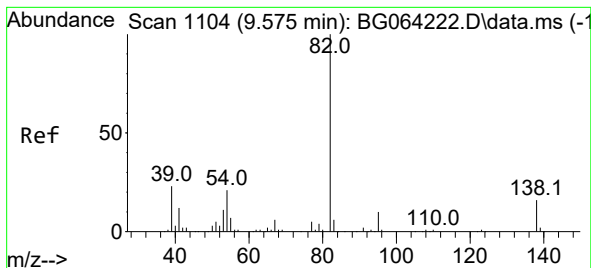
Ion Ratio Lower Upper

77 100

123 37.4 35.2 52.8

65 14.3 12.6 19.0





#25

Isophorone

Concen: 3.779 ng

RT: 9.568 min Scan# 1103

Delta R.T. -0.019 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

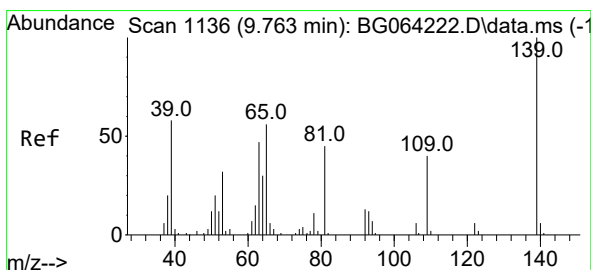
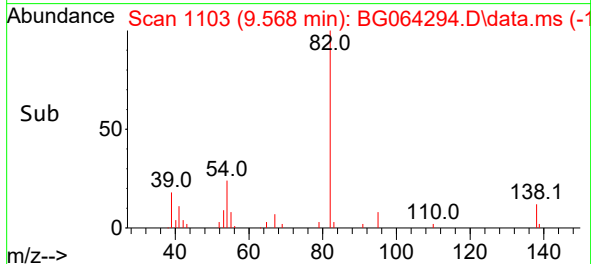
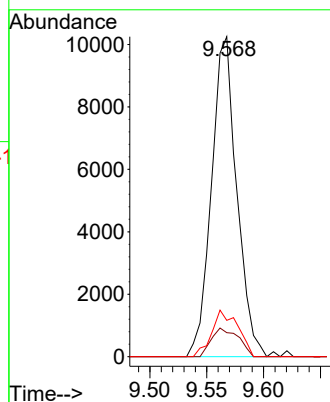
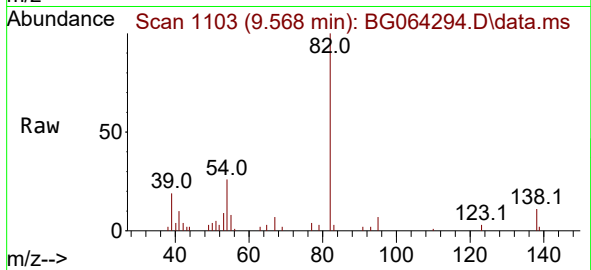
Tgt Ion: 82 Resp: 1585
 Ion Ratio Lower Upper
 82 100
 95 7.5 7.9 11.9
 138 11.4 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#26

2-Nitrophenol

Concen: 3.814 ng

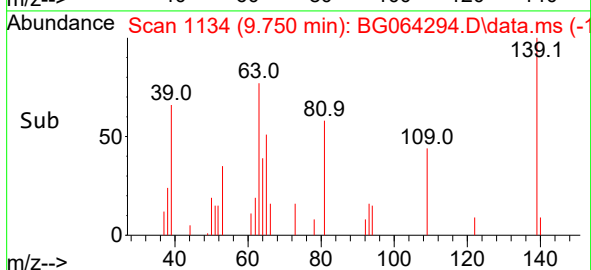
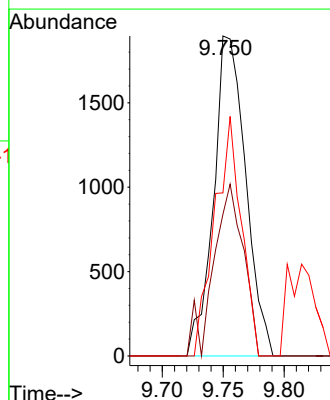
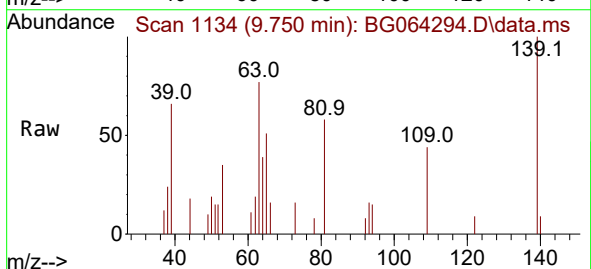
RT: 9.750 min Scan# 1134

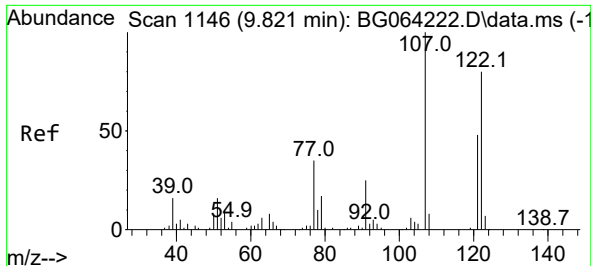
Delta R.T. -0.013 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:139 Resp: 3476
 Ion Ratio Lower Upper
 139 100
 109 44.3 32.4 48.6
 65 50.9 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 3.656 ng

RT: 9.820 min Scan# 1146

Delta R.T. -0.007 min

Lab File: BG064294.D

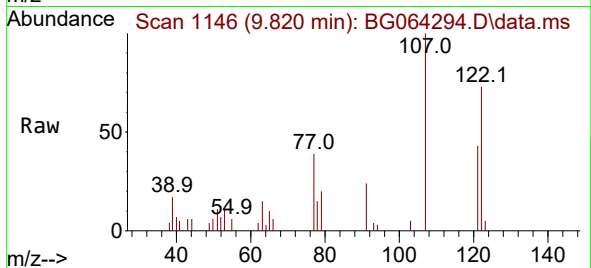
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



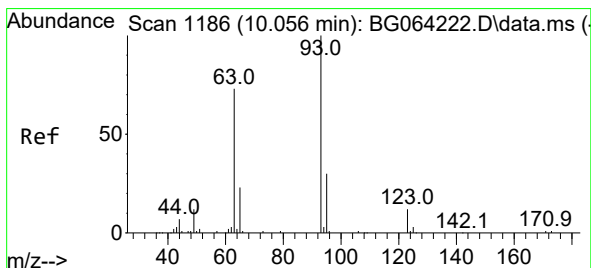
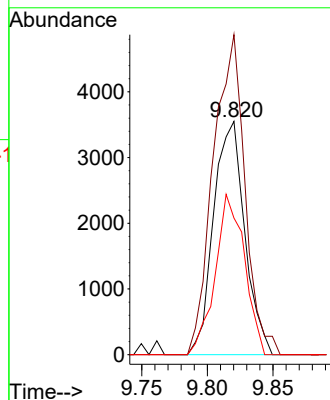
Tgt Ion:	122	Resp:	5850
Ion	Ratio	Lower	Upper
122	100		
107	137.2	99.9	149.9
121	58.6	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#28

bis(2-Chloroethoxy)methane

Concen: 3.957 ng

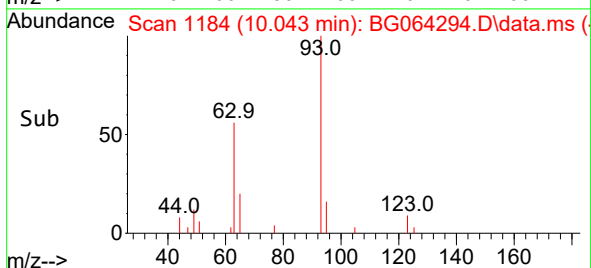
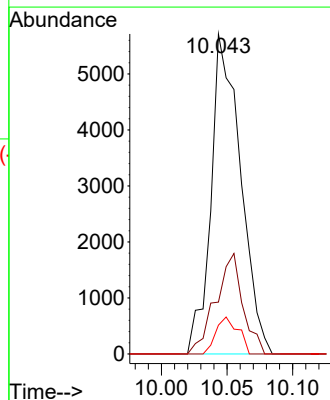
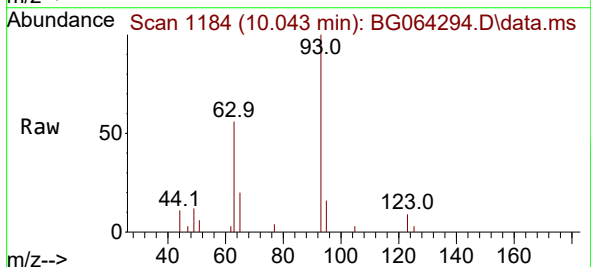
RT: 10.043 min Scan# 1184

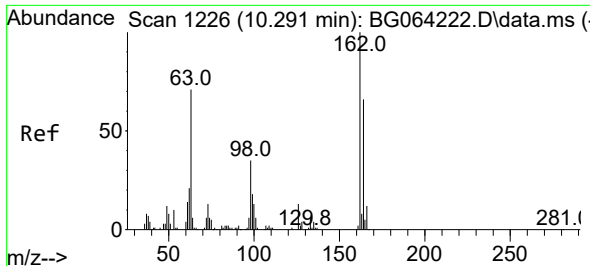
Delta R.T. -0.019 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:	93	Resp:	8952
Ion	Ratio	Lower	Upper
93	100		
95	16.2	23.9	35.9#
123	9.0	9.6	14.4#





#29

2,4-Dichlorophenol

Concen: 3.571 ng

RT: 10.296 min Scan# 1226

Delta R.T. -0.001 min

Lab File: BG064294.D

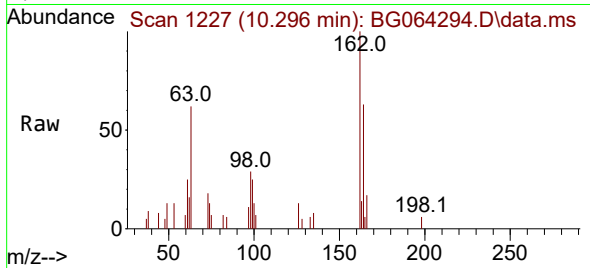
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



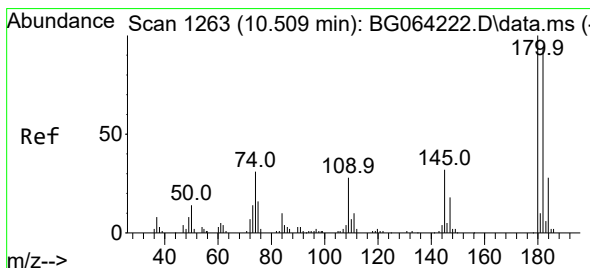
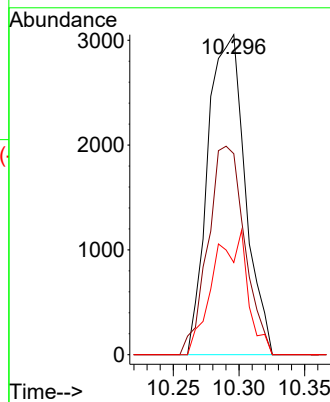
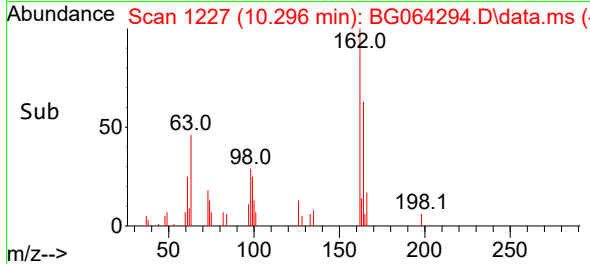
Tgt Ion:162	Resp:	6029
Ion Ratio	Lower	Upper
162	100	
164	62.8	45.8 85.8
98	28.8	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.340 ng

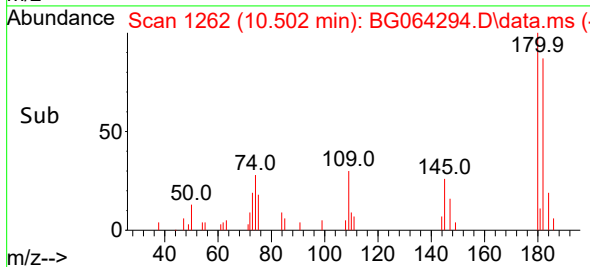
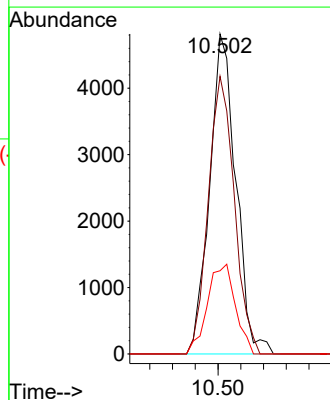
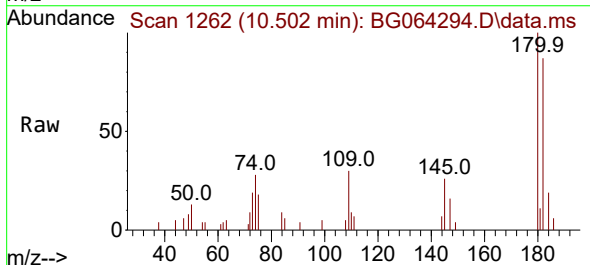
RT: 10.502 min Scan# 1262

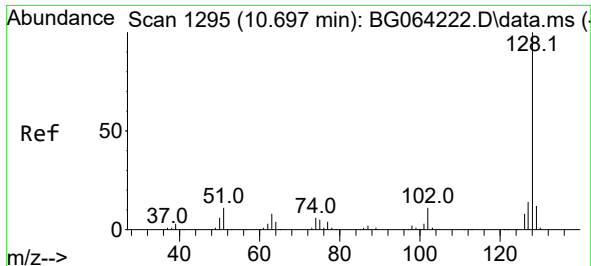
Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

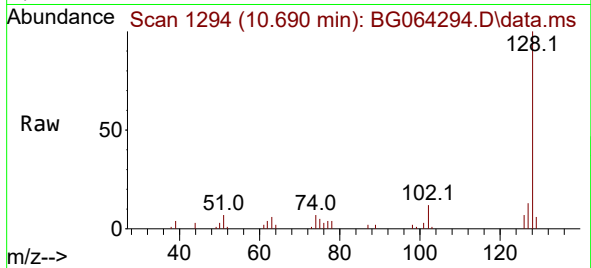
Tgt Ion:180	Resp:	7726
Ion Ratio	Lower	Upper
180	100	
182	86.8	75.0 112.6
145	26.0	25.4 38.0





#31
Naphthalene
Concen: 3.738 ng
RT: 10.690 min Scan# 1168
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

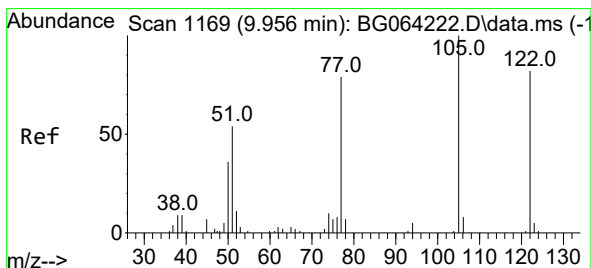
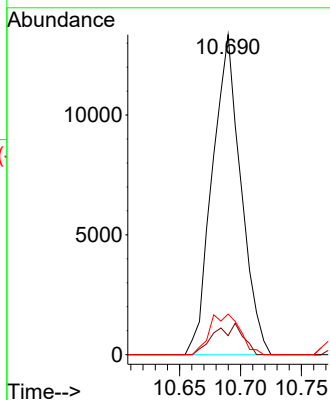
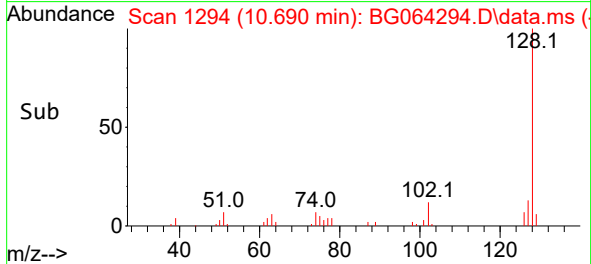
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 2182
Ion Ratio Lower Upper
128 100
129 6.0 9.4 14.2#
127 12.7 10.9 16.3#

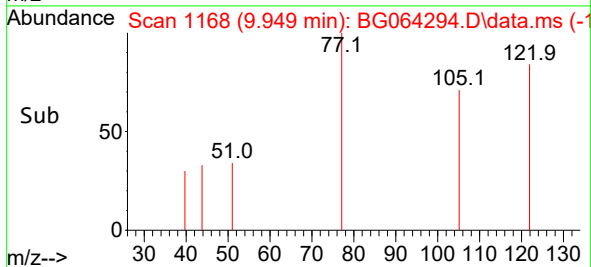
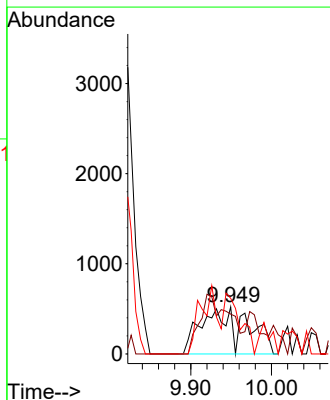
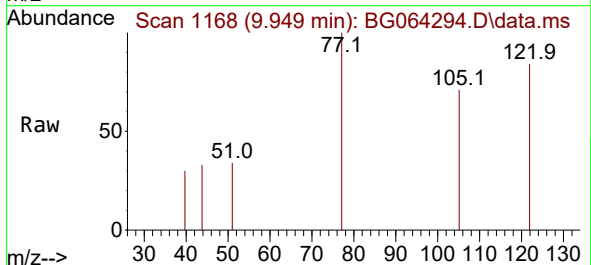
Manual Integrations
APPROVED

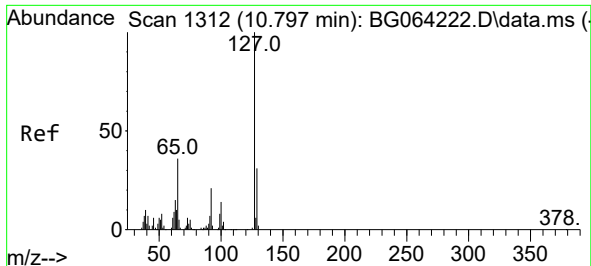
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#32
Benzoic acid
Concen: 1.601 ng m
RT: 9.949 min Scan# 1168
Delta R.T. -0.066 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

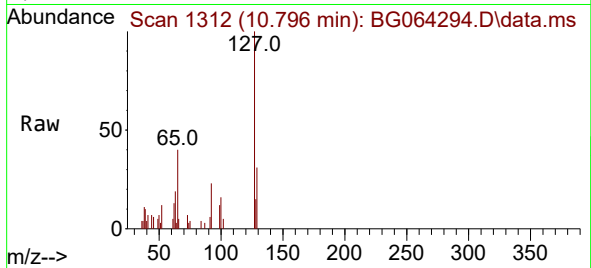
Tgt Ion:122 Resp: 2034
Ion Ratio Lower Upper
122 100
105 84.5 98.5 138.5#
77 118.4 74.6 114.6#





#33
4-Chloroaniline
Concen: 3.828 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

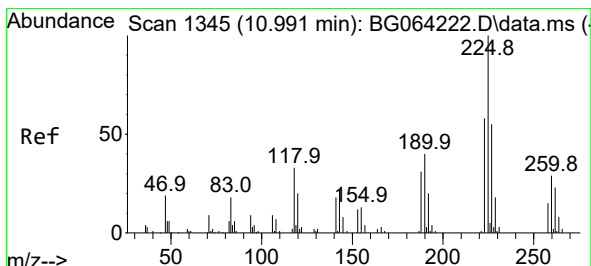
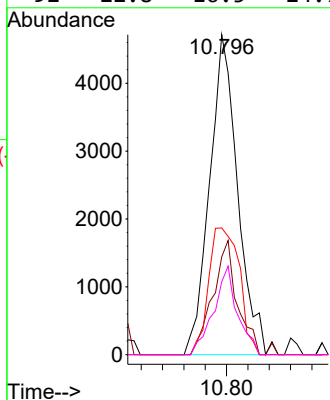
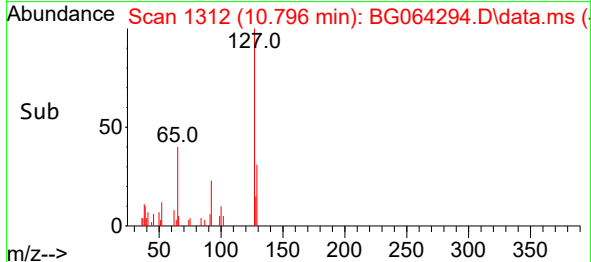
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:	127	Resp:	866
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.0	37.4
65	39.6	28.7	43.1
92	22.8	16.5	24.7

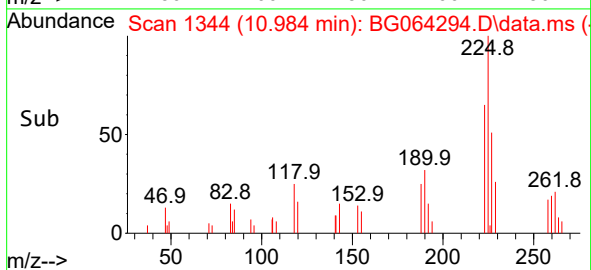
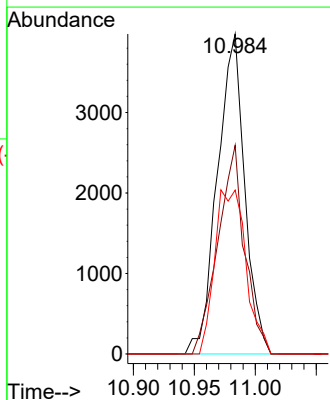
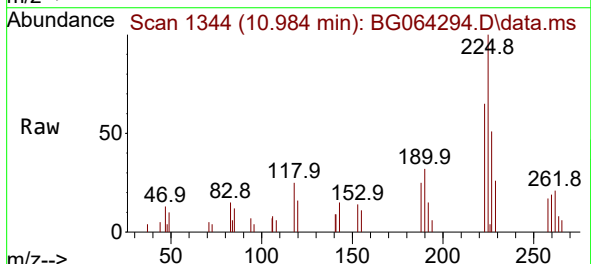
Manual Integrations
APPROVED

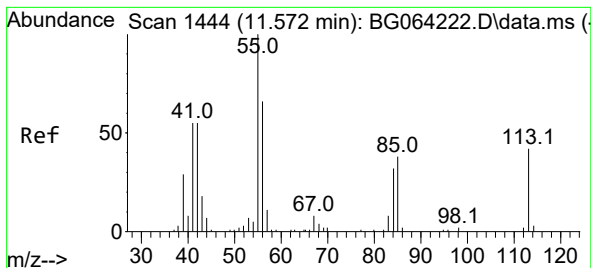
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#34
Hexachlorobutadiene
Concen: 4.722 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

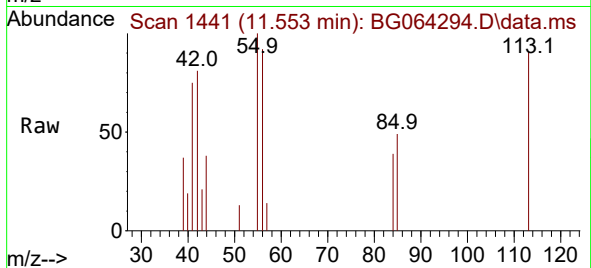
Tgt Ion:	225	Resp:	6214
Ion Ratio	Lower	Upper	
225	100		
223	65.2	46.5	69.7
227	51.2	44.1	66.1





#35
Caprolactam
Concen: 3.591 ng
RT: 11.553 min Scan# 14
Delta R.T. -0.048 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

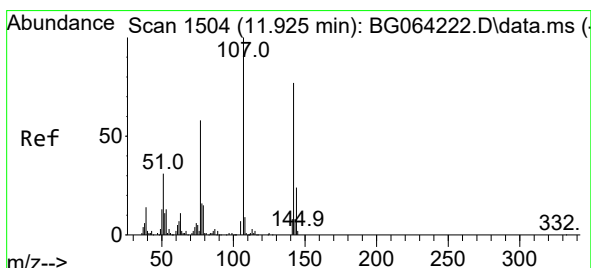
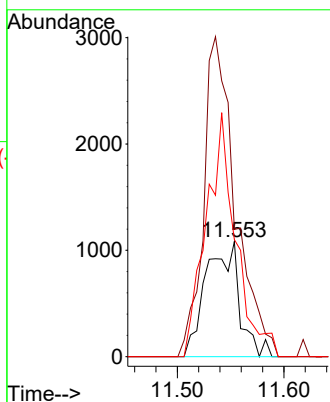
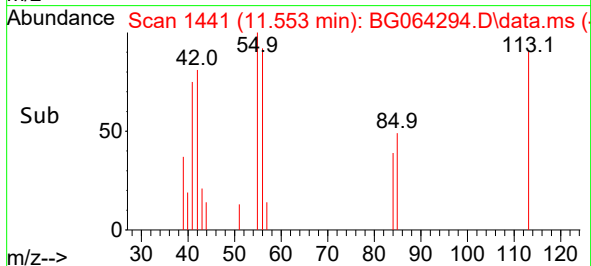
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:113 Resp: 2348
Ion Ratio Lower Upper
113 100
55 110.4 218.5 258.5
56 101.6 138.5 178.5

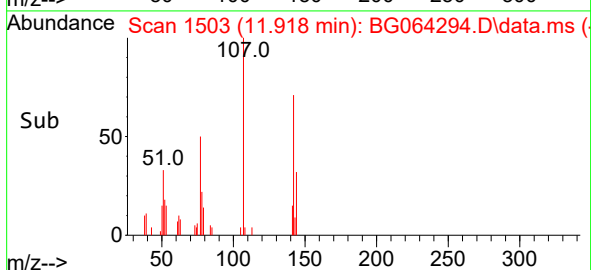
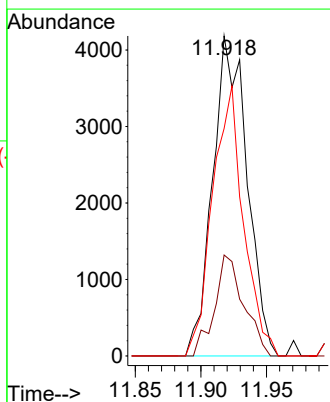
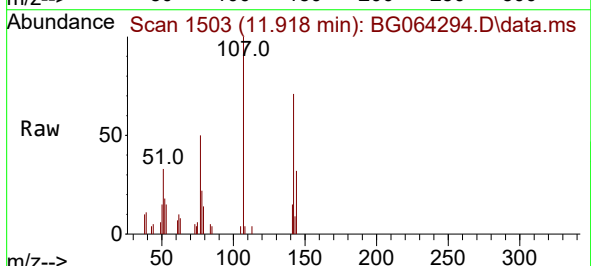
Manual Integrations
APPROVED

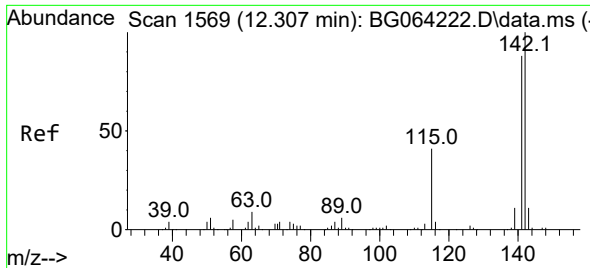
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#36
4-Chloro-3-methylphenol
Concen: 3.477 ng
RT: 11.918 min Scan# 1503
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

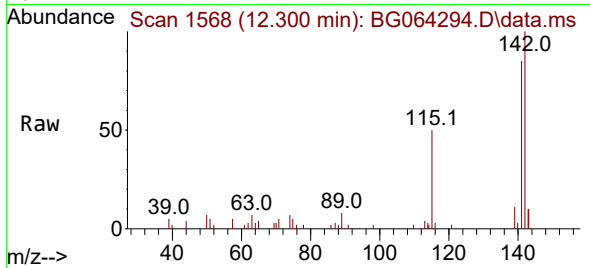
Tgt Ion:107 Resp: 7616
Ion Ratio Lower Upper
107 100
144 31.6 19.5 29.3#
142 71.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 3.171 ng m
RT: 12.300 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

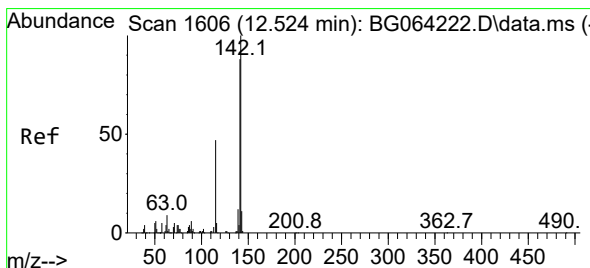
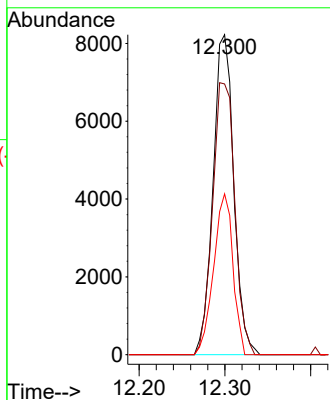
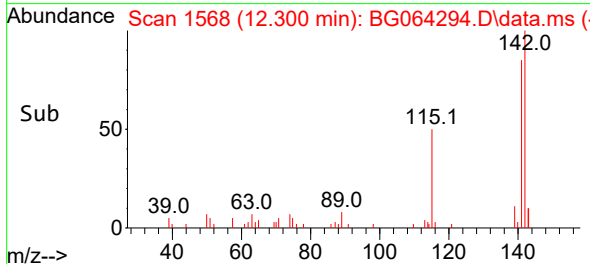
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:142 Resp: 1376
Ion Ratio Lower Upper
142 100
141 84.6 70.1 105.1
115 50.2 33.1 49.7

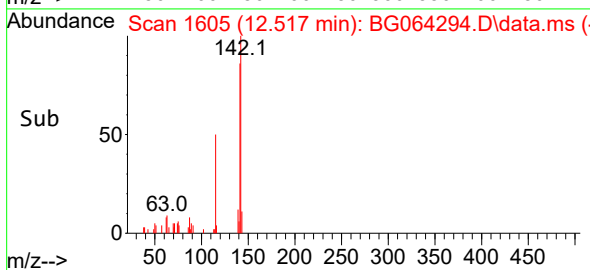
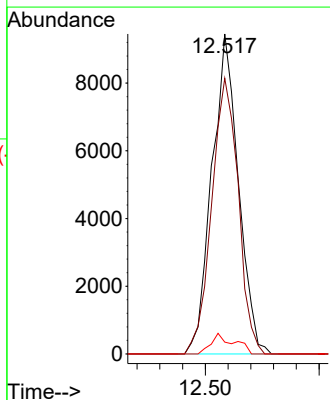
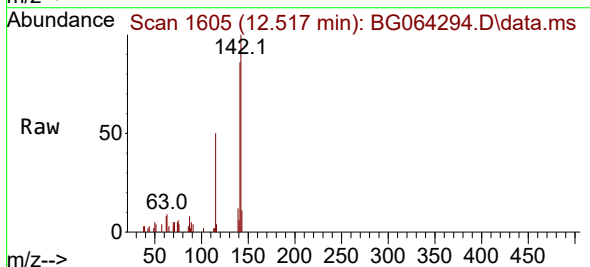
Manual Integrations
APPROVED

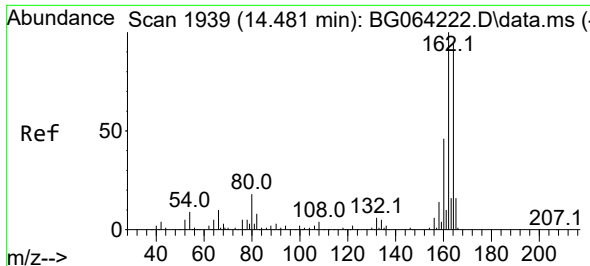
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#38
1-Methylnaphthalene
Concen: 3.572 ng
RT: 12.517 min Scan# 1605
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

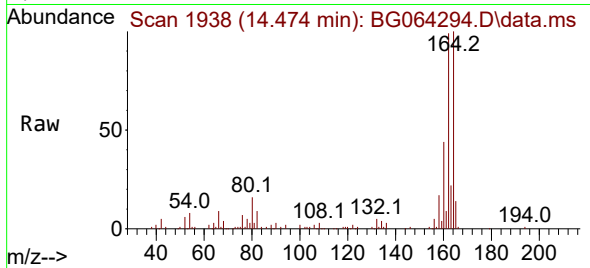
Tgt Ion:142 Resp: 15311
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
116 3.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

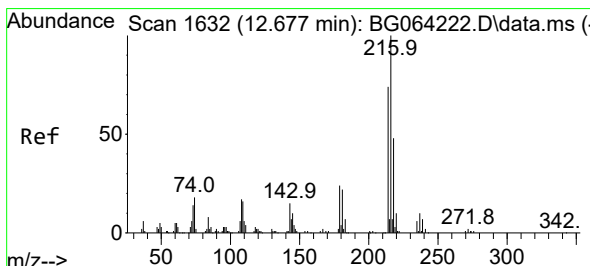
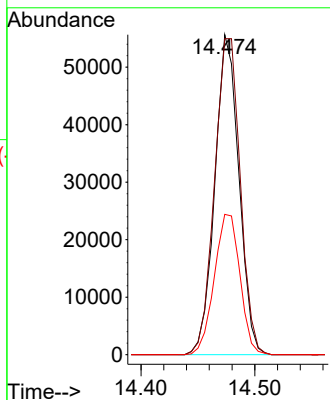
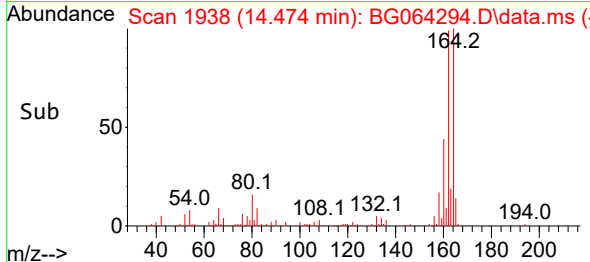
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:164 Resp: 81735
Ion Ratio Lower Upper
164 100
162 98.7 85.4 128.0
160 43.8 39.2 58.8

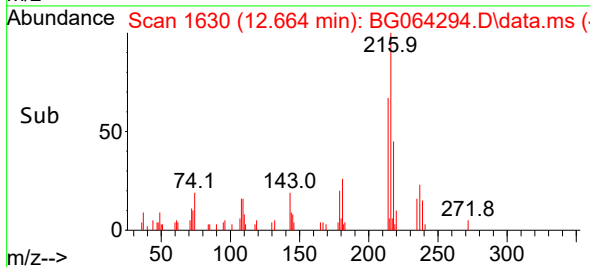
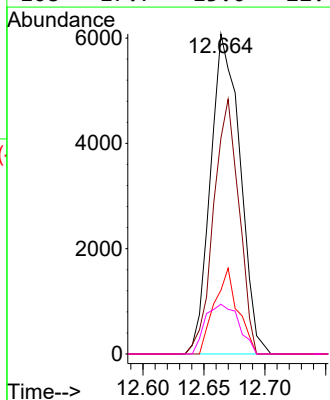
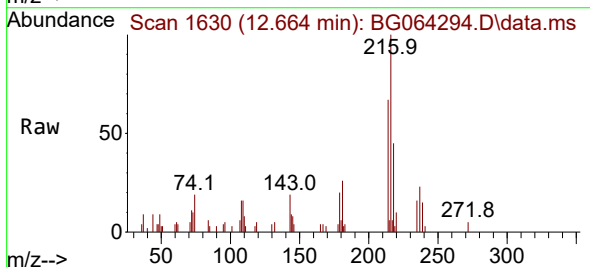
Manual Integrations
APPROVED

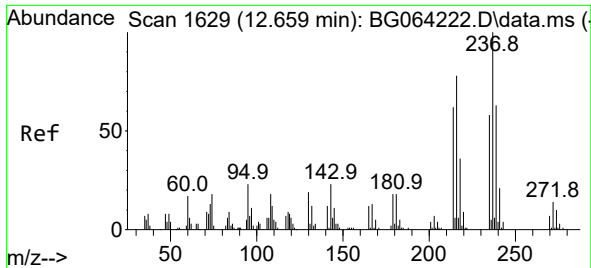
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.352 ng
RT: 12.664 min Scan# 1630
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

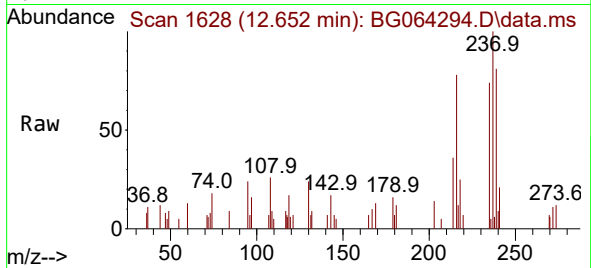
Tgt Ion:216 Resp: 10264
Ion Ratio Lower Upper
216 100
214 68.4 61.9 92.9
179 21.3 17.9 26.9
108 17.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.014 ng
RT: 12.652 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

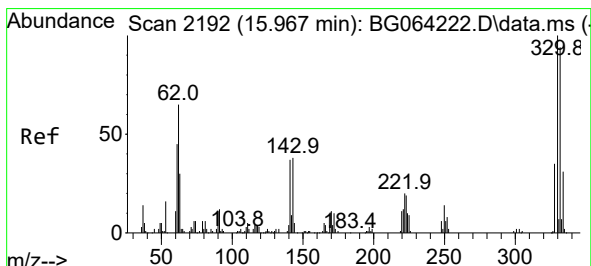
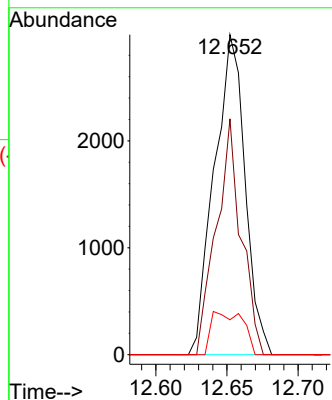
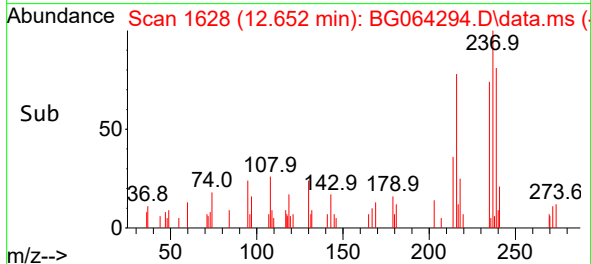
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



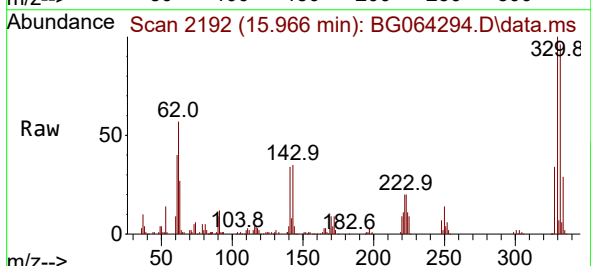
Tgt Ion:237 Resp: 4499
Ion Ratio Lower Upper
237 100
235 73.7 37.9 77.9
272 10.9 0.0 33.8

Manual Integrations
APPROVED

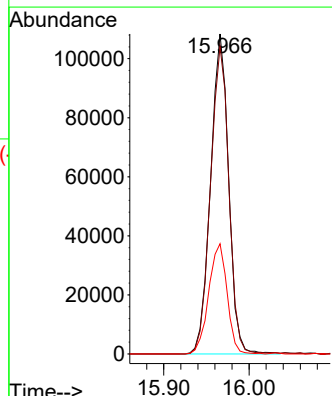
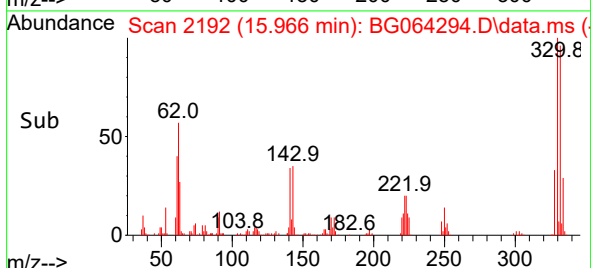
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

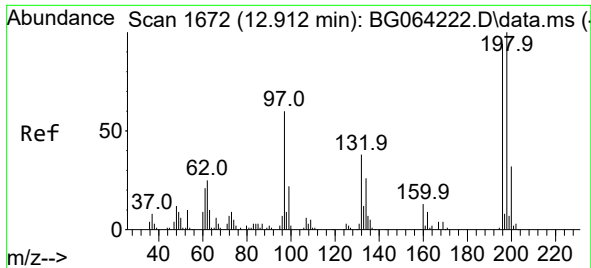


#42
2,4,6-Tribromophenol
Concen: 147.118 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



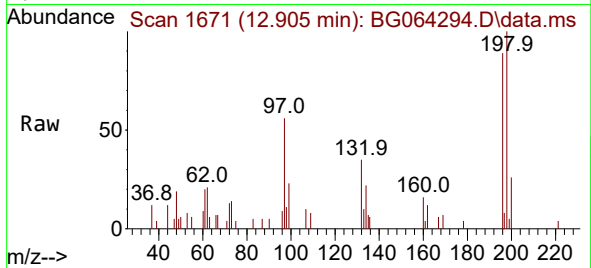
Tgt Ion:330 Resp: 159272
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 35.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 4.013 ng m
RT: 12.905 min Scan# 1672
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

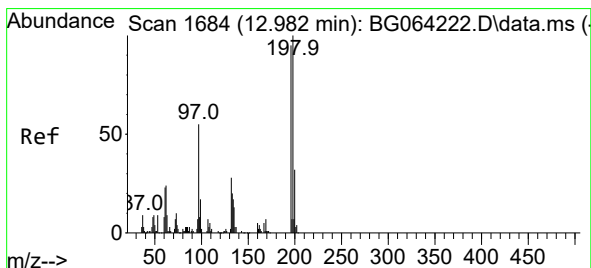
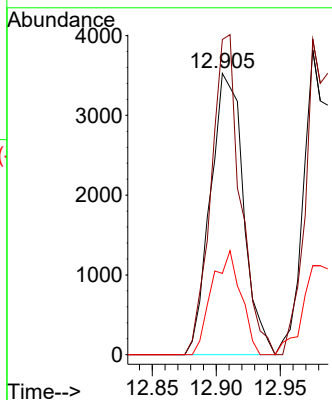
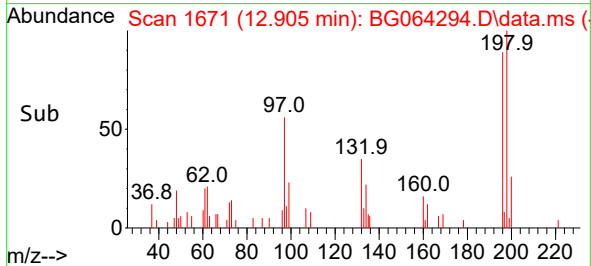
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



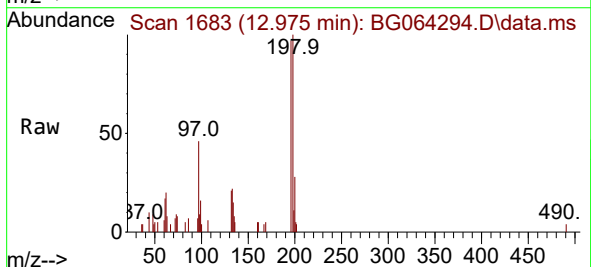
Tgt Ion:196 Resp: 632
Ion Ratio Lower Upper
196 100
198 112.1 85.4 128.2
200 28.9 27.3 40.9

Manual Integrations
APPROVED

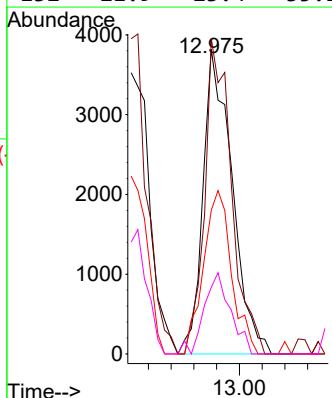
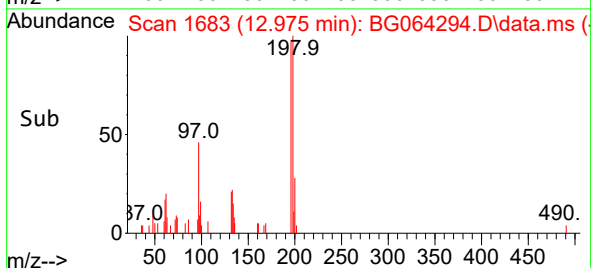
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

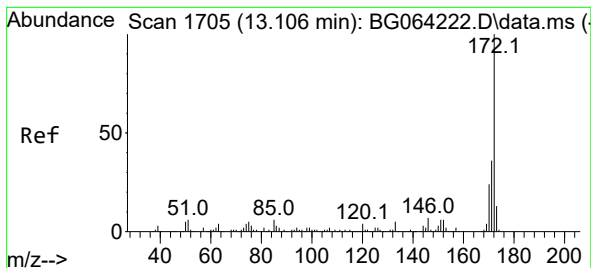


#44
2,4,5-Trichlorophenol
Concen: 3.972 ng
RT: 12.975 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



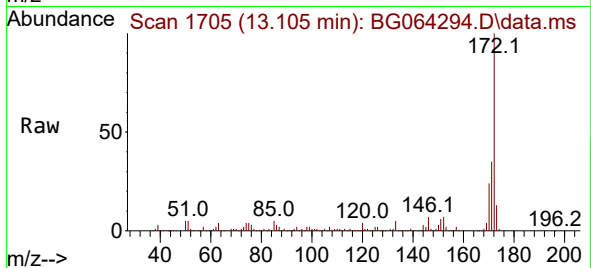
Tgt Ion:196 Resp: 6792
Ion Ratio Lower Upper
196 100
198 103.5 84.5 126.7
97 47.2 46.8 70.2
132 21.9 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 87.313 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

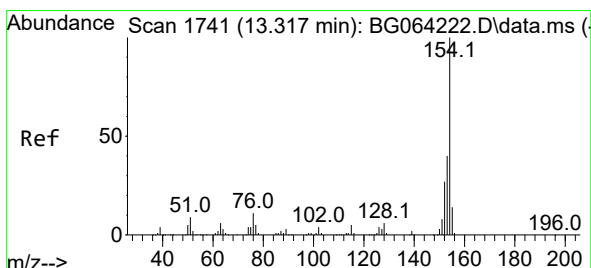
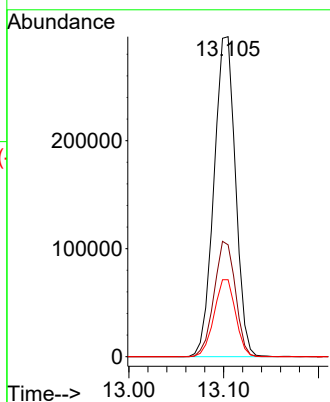
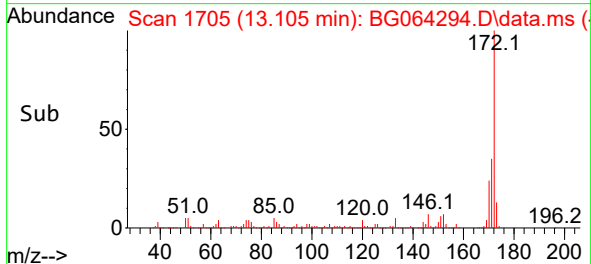
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



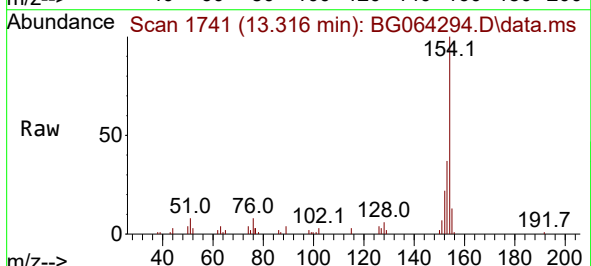
Tgt Ion:172 Resp: 46755
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.0 19.0 28.6

Manual Integrations
APPROVED

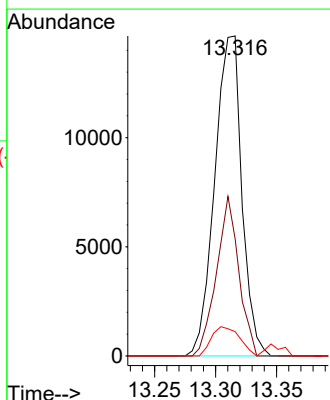
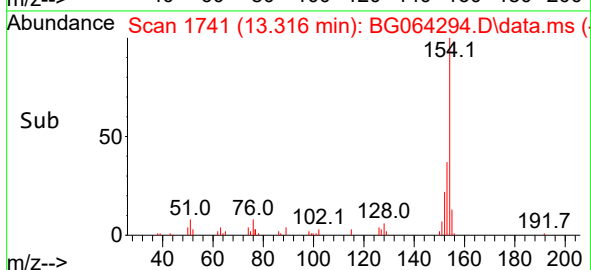
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

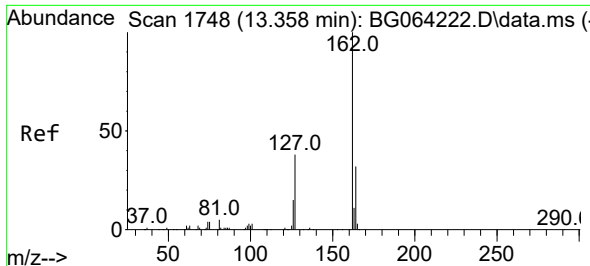


#46
1,1'-Biphenyl
Concen: 3.812 ng
RT: 13.316 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



Tgt Ion:154 Resp: 22692
Ion Ratio Lower Upper
154 100
153 36.6 19.9 59.9
76 10.4 0.0 30.9





#47

2-Chloronaphthalene

Concen: 3.822 ng

RT: 13.345 min Scan# 1746

Delta R.T. -0.013 min

Lab File: BG064294.D

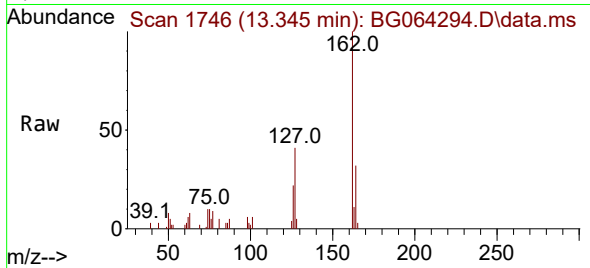
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



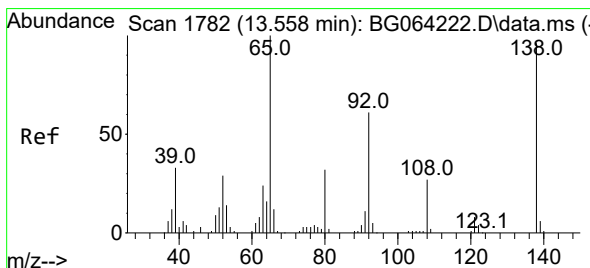
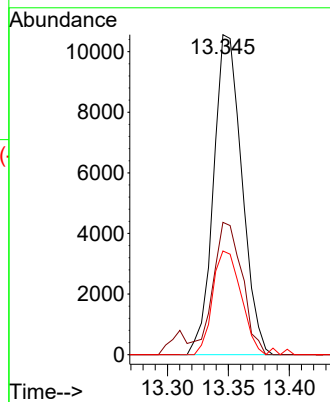
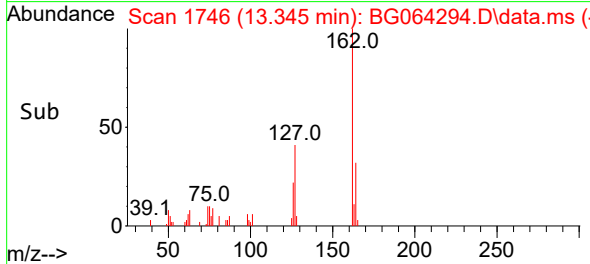
Tgt Ion:	162	Resp:	17104
Ion Ratio	100	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.4	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#48

2-Nitroaniline

Concen: 3.543 ng

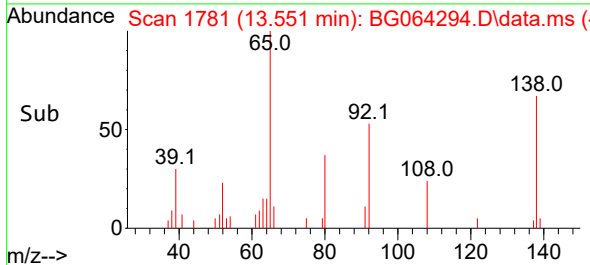
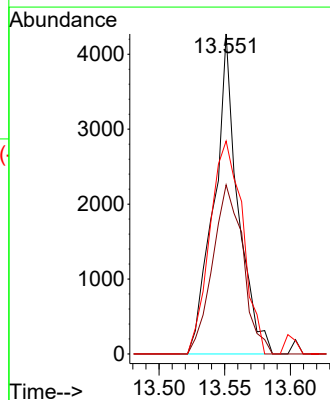
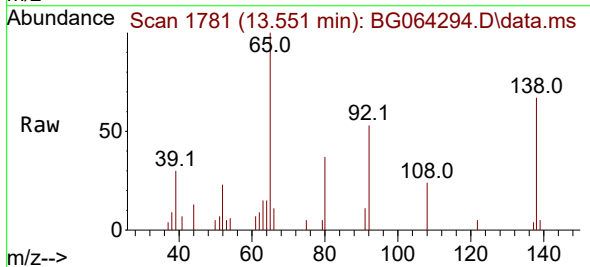
RT: 13.551 min Scan# 1781

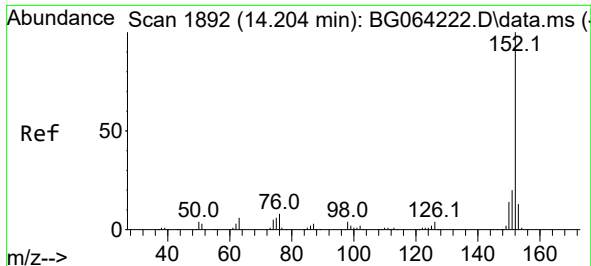
Delta R.T. -0.013 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

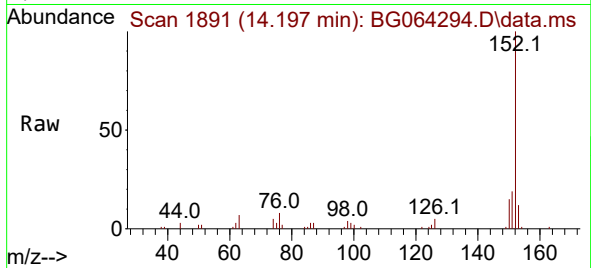
Tgt Ion:	65	Resp:	5405
Ion Ratio	100	Lower	Upper
65	100		
92	52.9	49.2	73.8
138	66.6	76.8	115.2#





#49
Acenaphthylene
Concen: 4.214 ng
RT: 14.197 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

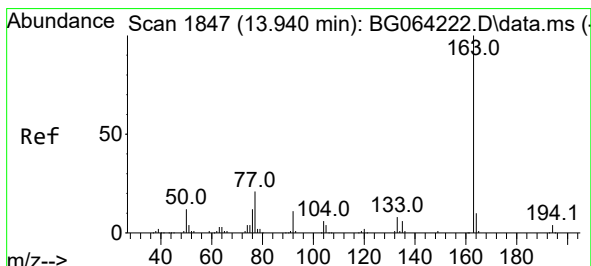
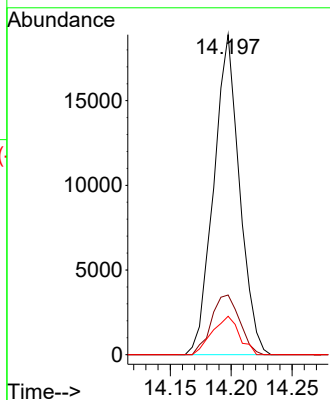
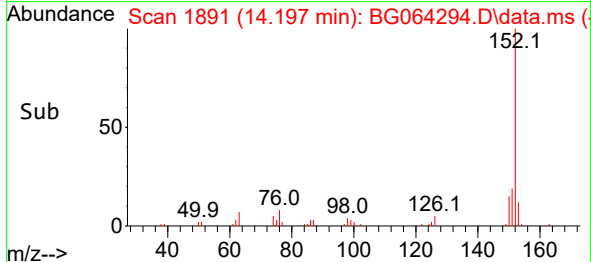
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



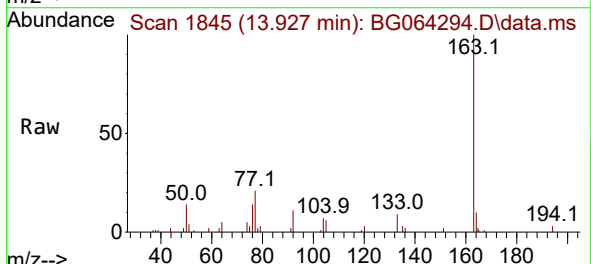
Tgt Ion:152 Resp: 27878
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 12.0 10.1 15.1

Manual Integrations
APPROVED

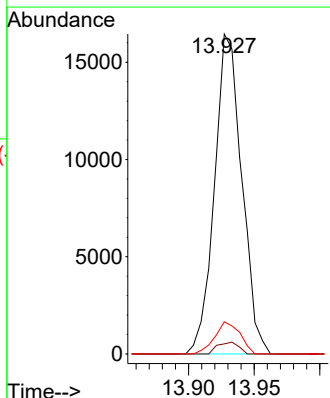
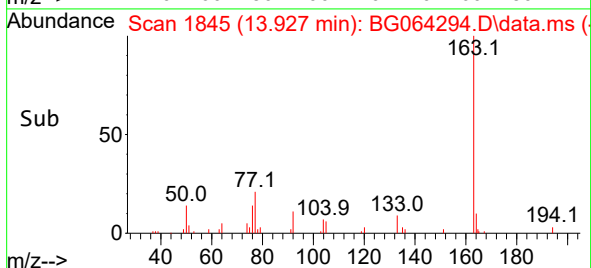
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

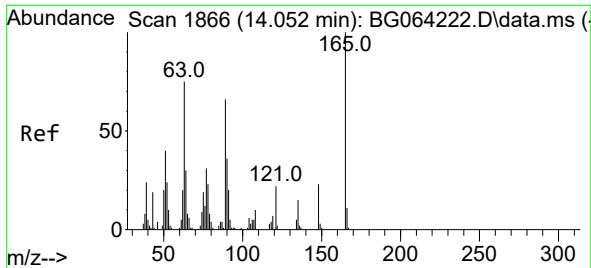


#50
Dimethylphthalate
Concen: 3.846 ng
RT: 13.927 min Scan# 1845
Delta R.T. -0.019 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



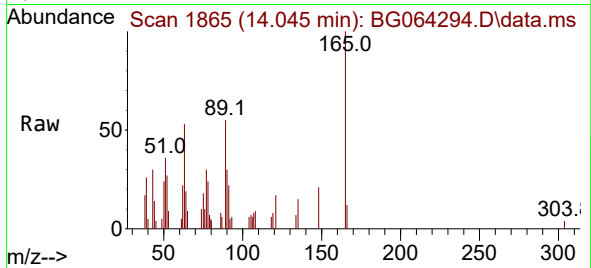
Tgt Ion:163 Resp: 23791
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 11.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 3.843 ng
RT: 14.045 min Scan# 1866
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

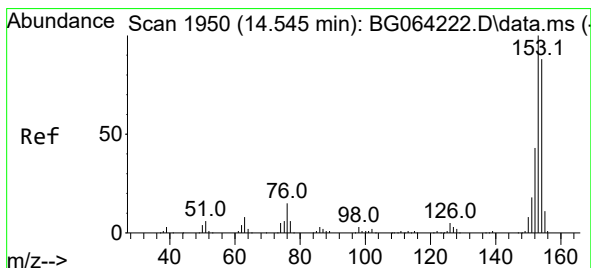
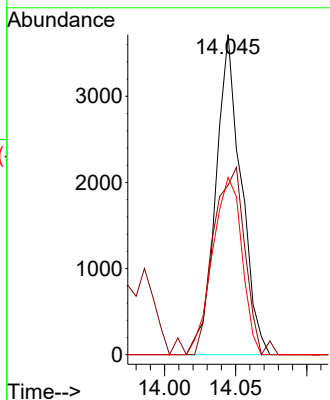
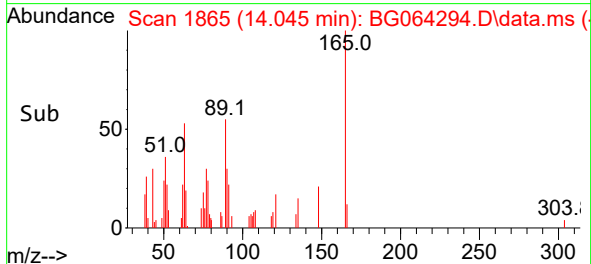
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 460
Ion Ratio Lower Upper
165 100
63 52.9 60.3 90.5
89 55.4 52.9 79.3

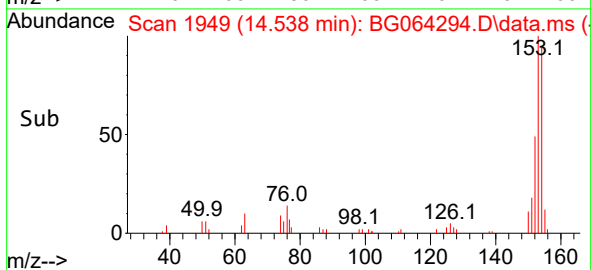
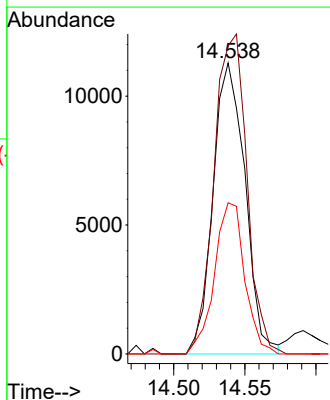
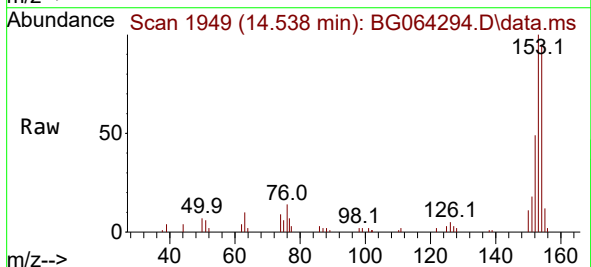
Manual Integrations
APPROVED

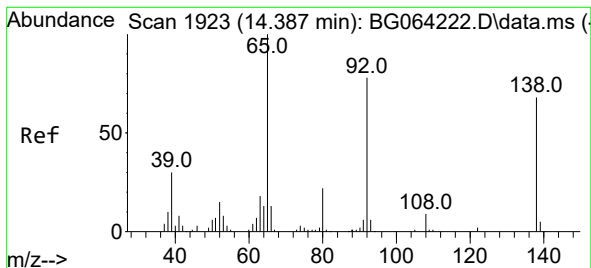
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#52
Acenaphthene
Concen: 3.788 ng
RT: 14.538 min Scan# 1949
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

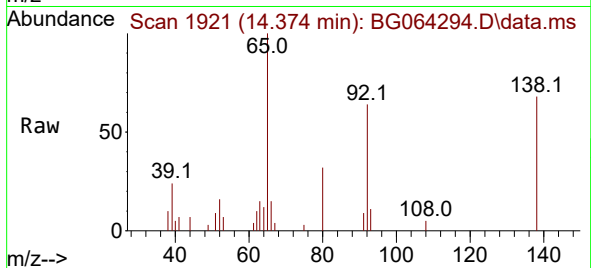
Tgt Ion:154 Resp: 17685
Ion Ratio Lower Upper
154 100
153 105.8 91.1 136.7
152 51.9 39.6 59.4





#53
3-Nitroaniline
Concen: 3.896 ng
RT: 14.374 min Scan# 1923
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

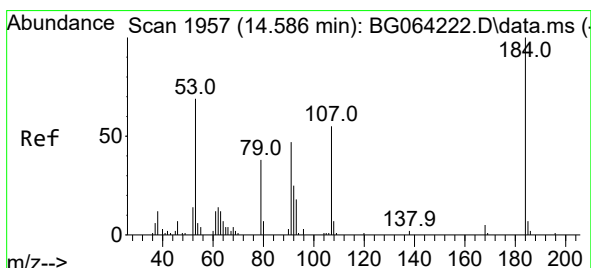
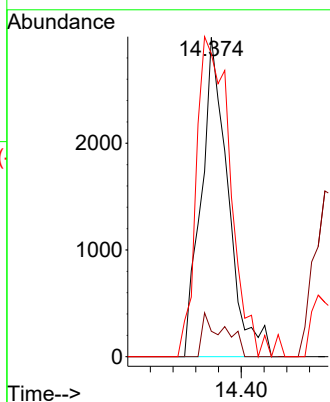
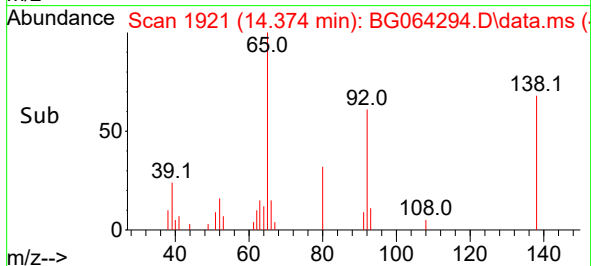
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:138 Resp: 488
Ion Ratio Lower Upper
138 100
108 8.0 11.0 16.6
92 94.9 91.4 137.0

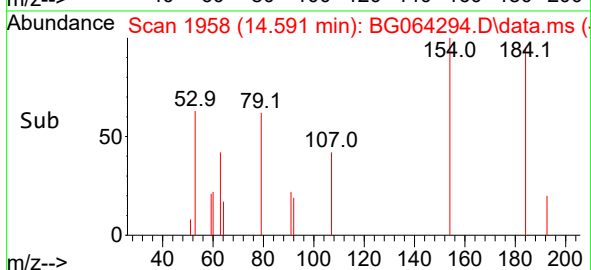
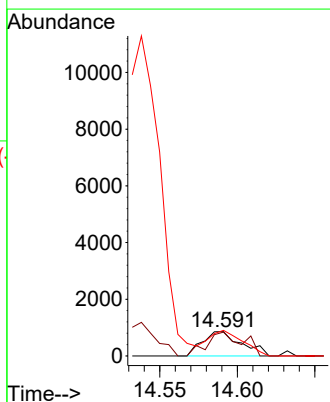
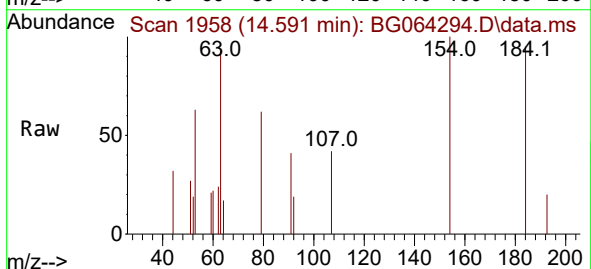
Manual Integrations
APPROVED

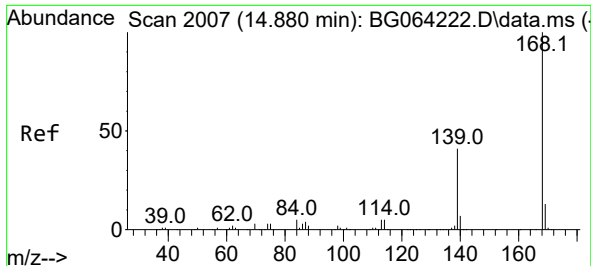
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#54
2,4-Dinitrophenol
Concen: 7.432 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

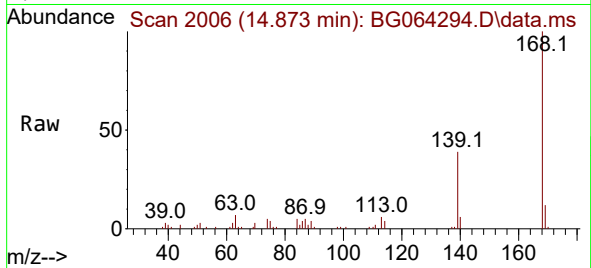
Tgt Ion:184 Resp: 1499
Ion Ratio Lower Upper
184 100
63 97.8 60.1 90.1#
154 105.2 59.8 89.8#





#55
Dibenzenofuran
Concen: 3.949 ng
RT: 14.873 min Scan# 2007
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

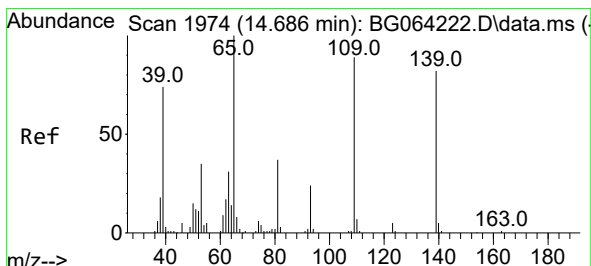
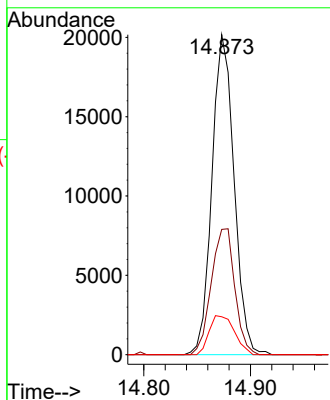
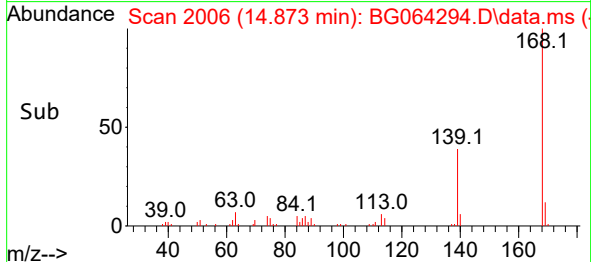
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 2900
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 11.8 10.4 15.6

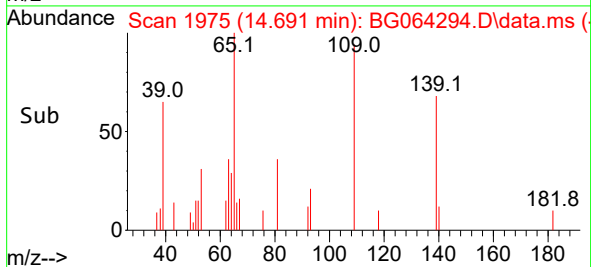
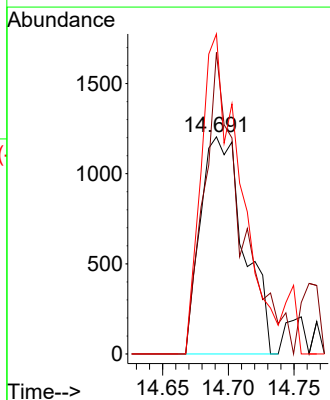
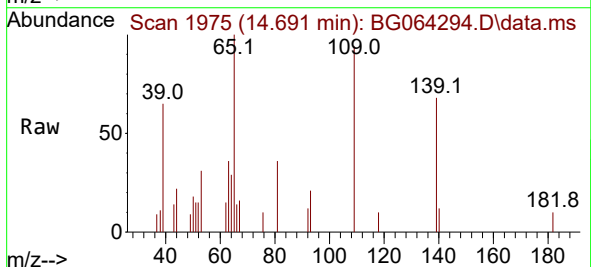
Manual Integrations
APPROVED

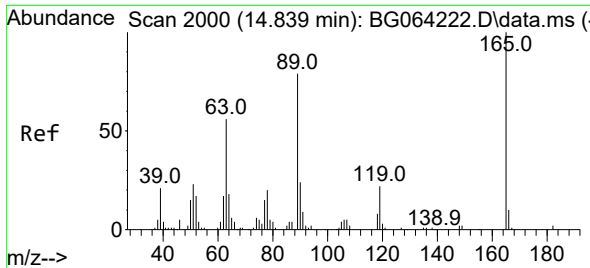
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#56
4-Nitrophenol
Concen: 2.698 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:139 Resp: 2777
Ion Ratio Lower Upper
139 100
109 138.9 89.1 129.1#
65 147.4 102.9 142.9#





#57

2,4-Dinitrotoluene

Concen: 3.949 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.007 min

Lab File: BG064294.D

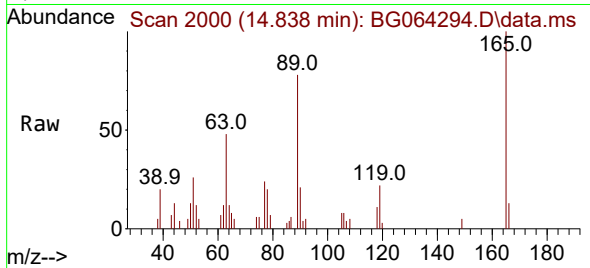
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



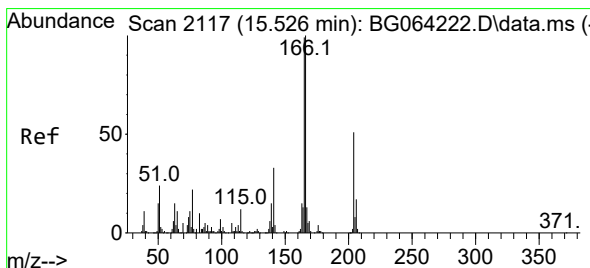
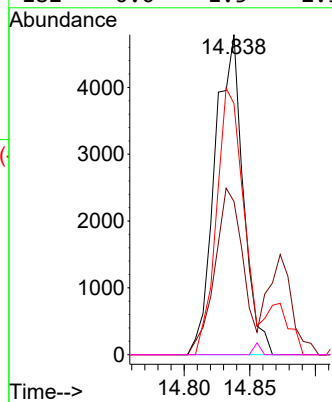
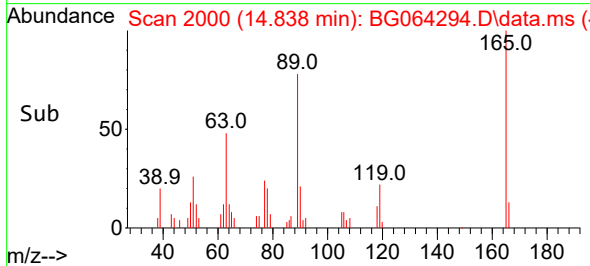
Tgt Ion:	165	Resp:	715
Ion Ratio	Lower	Upper	
165	100		
63	47.9	44.6	67.0
89	78.4	63.0	94.4
182	0.0	1.5	2.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#58

Fluorene

Concen: 3.912 ng

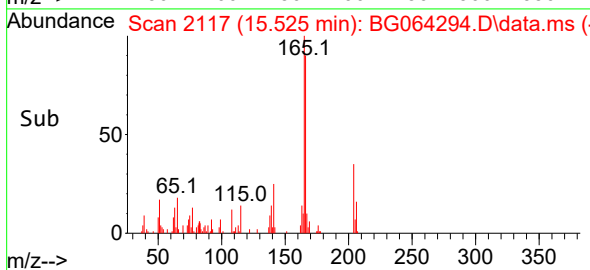
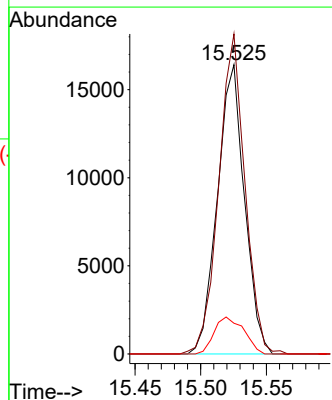
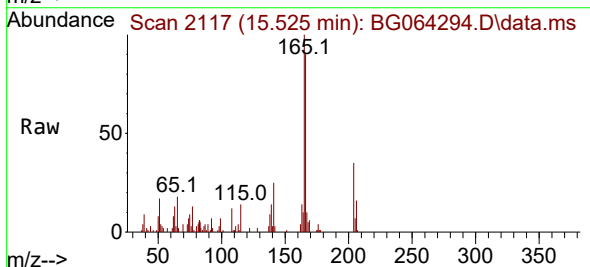
RT: 15.525 min Scan# 2117

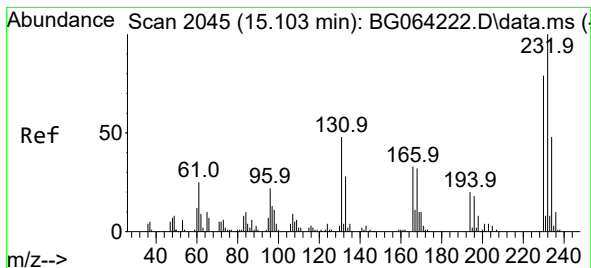
Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

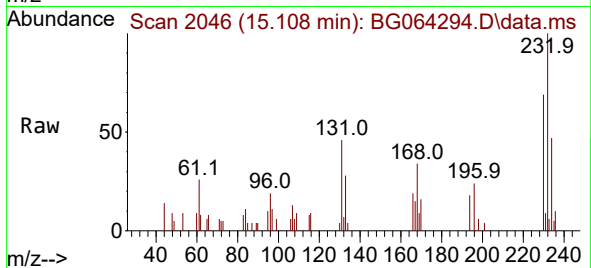
Tgt Ion:	166	Resp:	23545
Ion Ratio	Lower	Upper	
166	100		
165	110.6	79.1	118.7
167	10.6	10.2	15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.966 ng
RT: 15.108 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

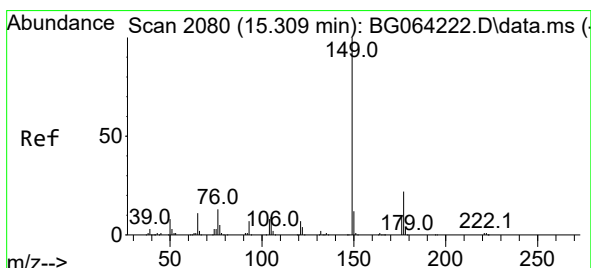
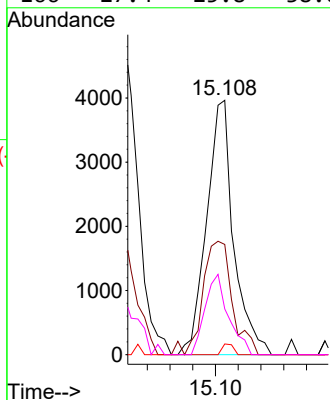
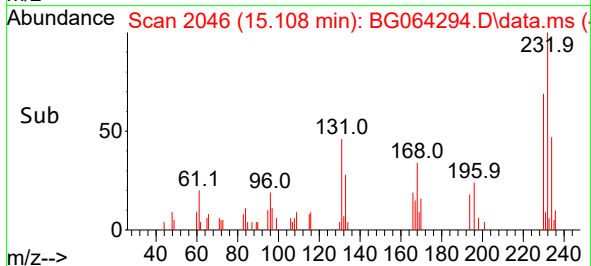
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



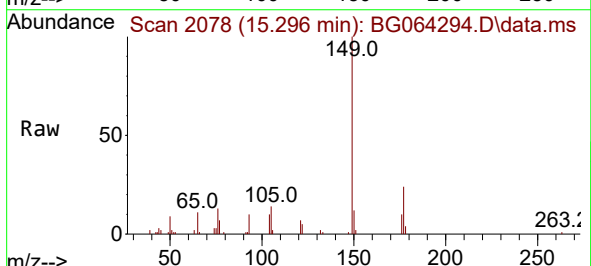
Tgt Ion:232 Resp: 652
Ion Ratio Lower Upper
232 100
131 48.6 37.1 55.7
130 1.7 2.6 3.8
166 27.4 25.8 38.6

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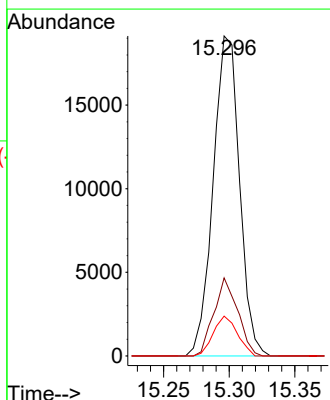
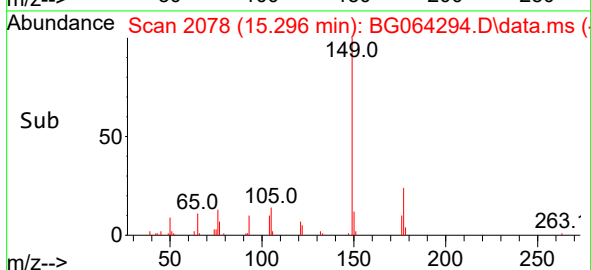
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

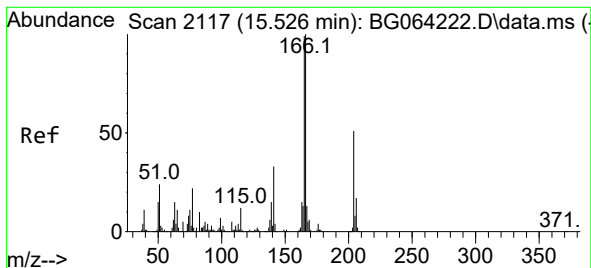


#60
Diethylphthalate
Concen: 4.028 ng
RT: 15.296 min Scan# 2078
Delta R.T. -0.019 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



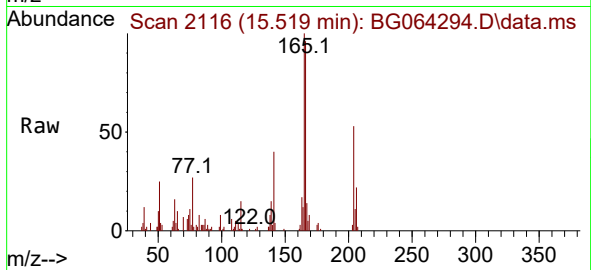
Tgt Ion:149 Resp: 26672
Ion Ratio Lower Upper
149 100
177 24.4 17.5 26.3
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 4.028 ng
RT: 15.519 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

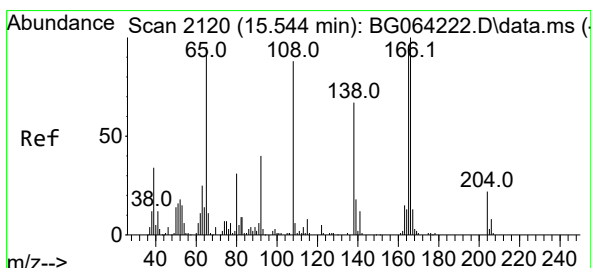
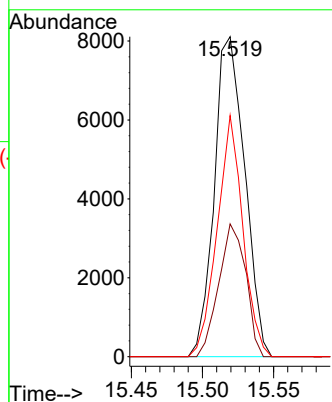
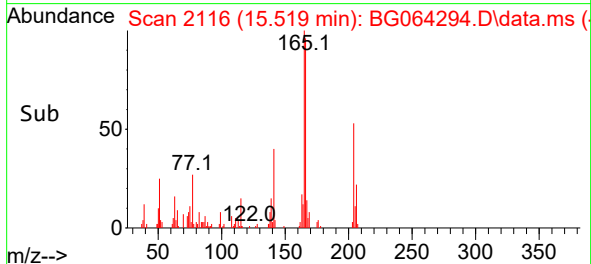
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:204 Resp: 12088
Ion Ratio Lower Upper
204 100
206 41.5 26.2 39.4
141 75.3 51.9 77.9

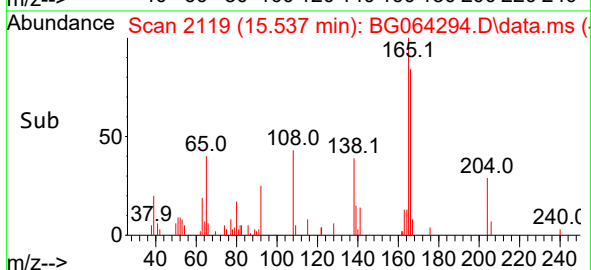
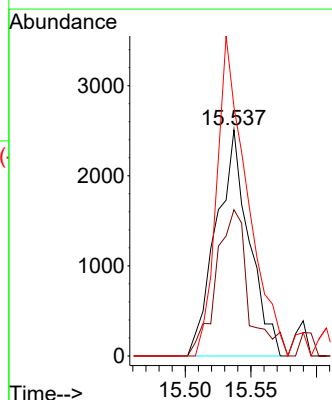
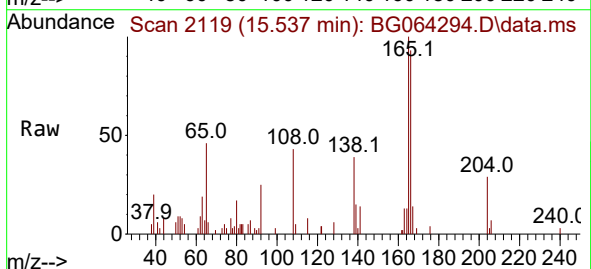
Manual Integrations
APPROVED

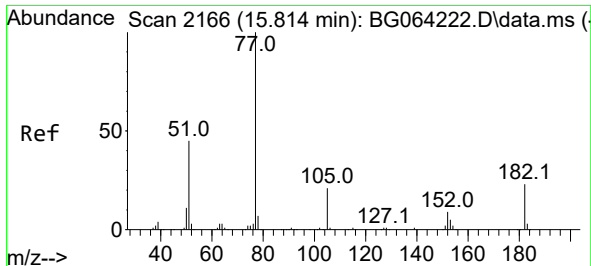
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#62
4-Nitroaniline
Concen: 3.424 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.019 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:138 Resp: 4383
Ion Ratio Lower Upper
138 100
92 64.7 39.1 79.1
108 110.2 111.3 151.3





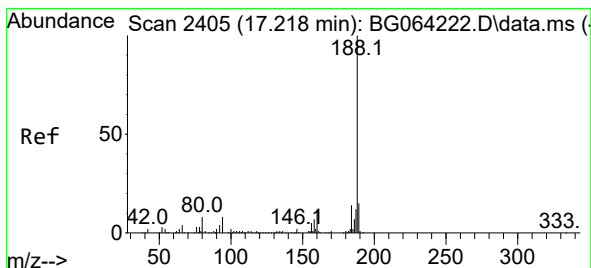
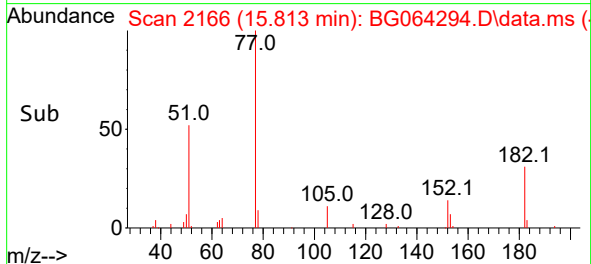
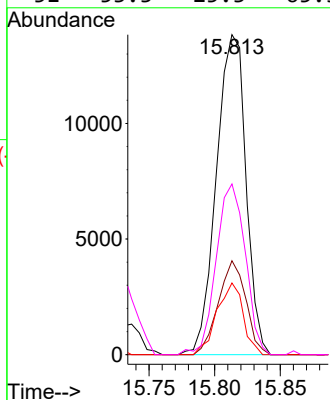
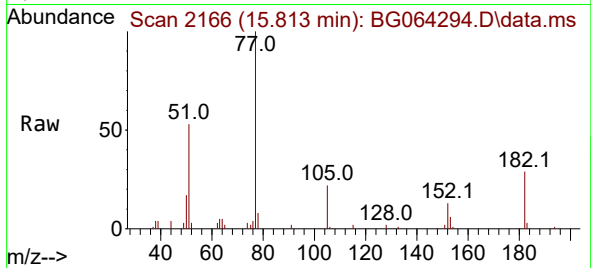
#63
Azobenzene
Concen: 3.677 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

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

Tgt Ion: 77 Resp: 21690
Ion Ratio Lower Upper
77 100
182 29.3 3.3 43.3
105 22.4 0.6 40.6
51 53.3 25.3 65.3

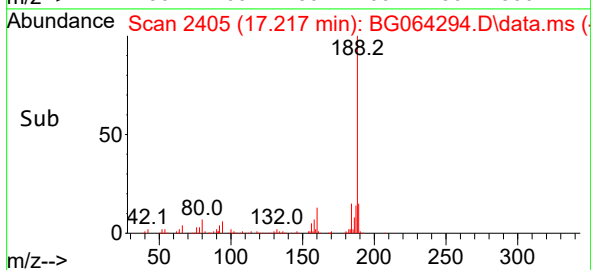
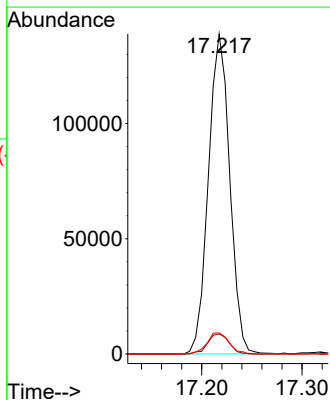
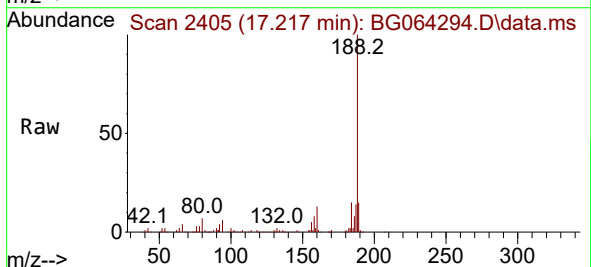
Manual Integrations
APPROVED

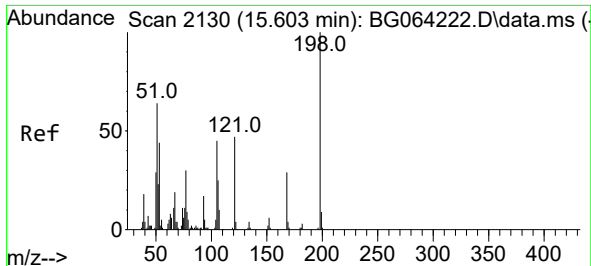
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

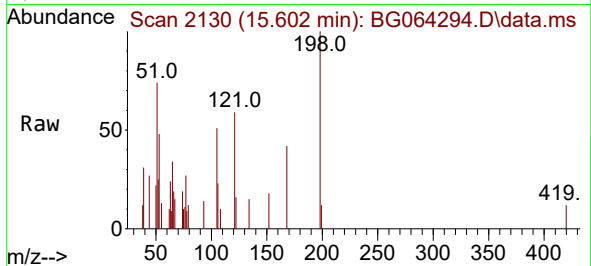
Tgt Ion:188 Resp: 205090
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.4
80 6.6 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 3.063 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

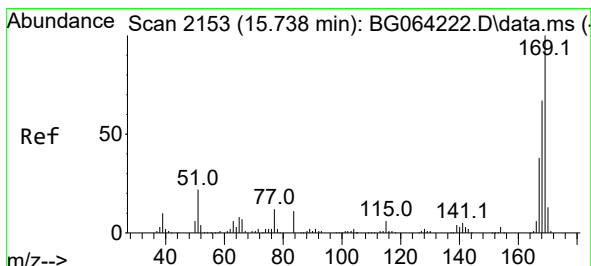
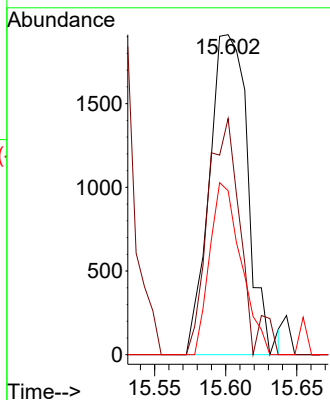
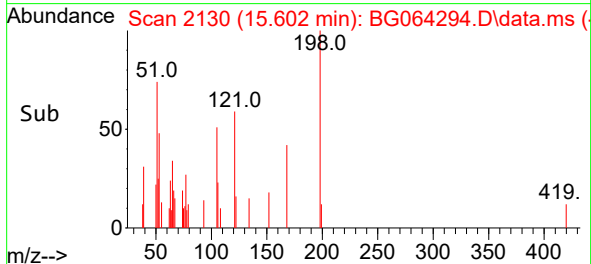
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2025



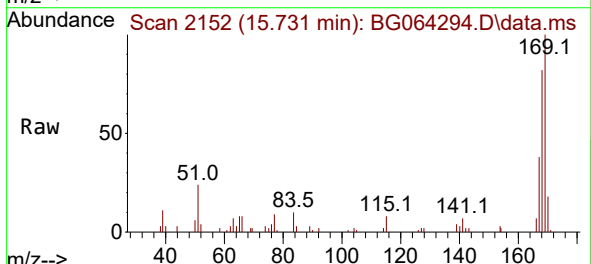
Tgt Ion:198 Resp: 3607
Ion Ratio Lower Upper
198 100
51 73.8 46.2 86.2
105 51.3 25.0 65.0

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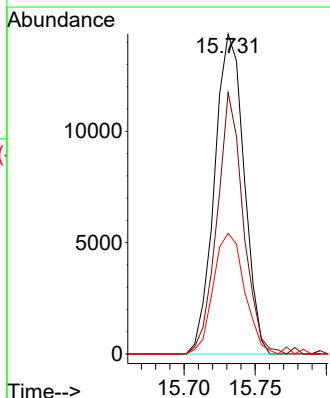
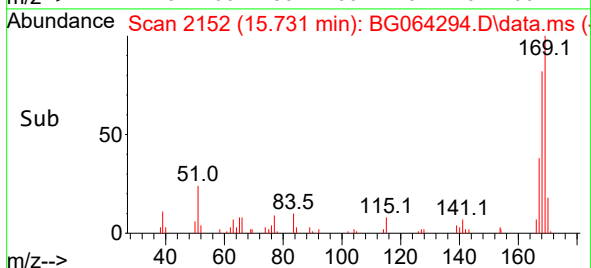
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

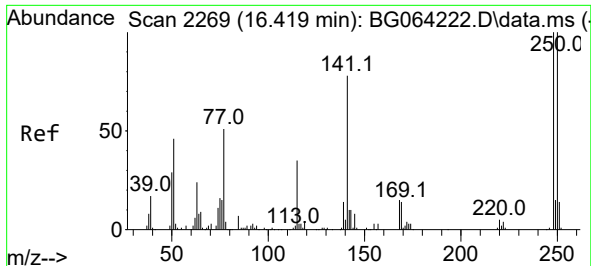


#66
n-Nitrosodiphenylamine
Concen: 3.685 ng
RT: 15.731 min Scan# 2152
Delta R.T. -0.013 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



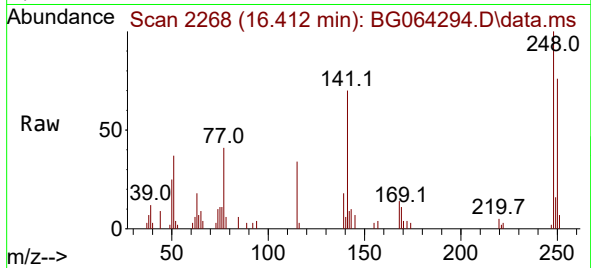
Tgt Ion:169 Resp: 20791
Ion Ratio Lower Upper
169 100
168 81.7 53.8 80.8#
167 37.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 4.141 ng
RT: 16.412 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

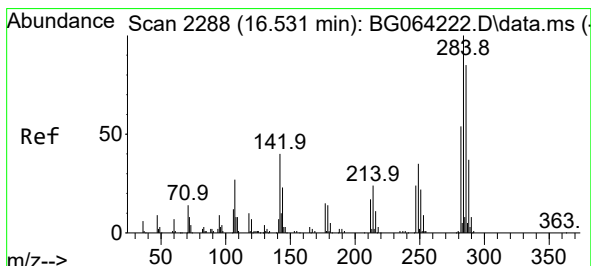
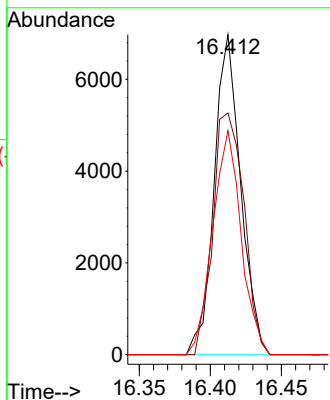
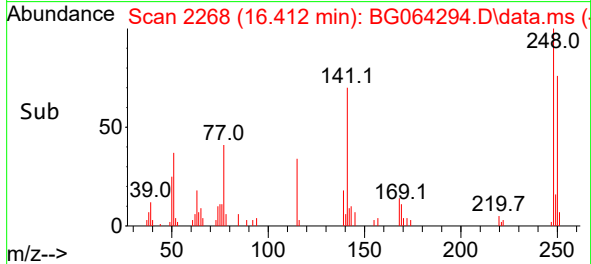
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:248 Resp: 9020
Ion Ratio Lower Upper
248 100
250 75.5 80.2 120.4
141 70.0 62.4 93.6

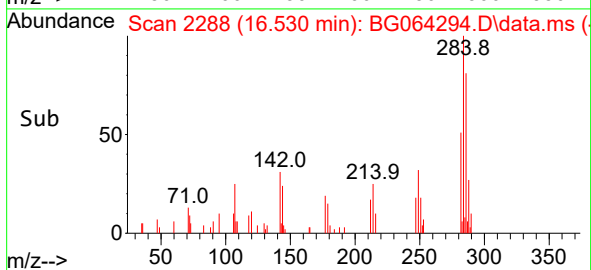
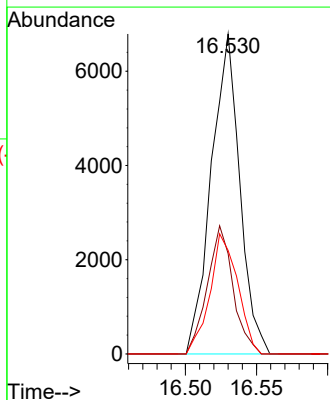
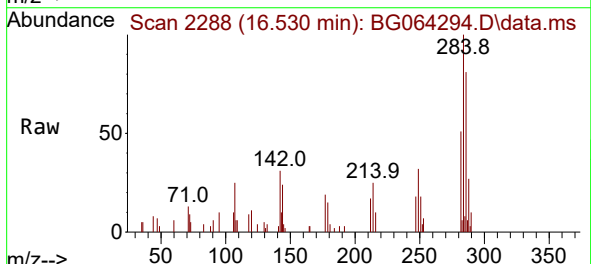
Manual Integrations
APPROVED

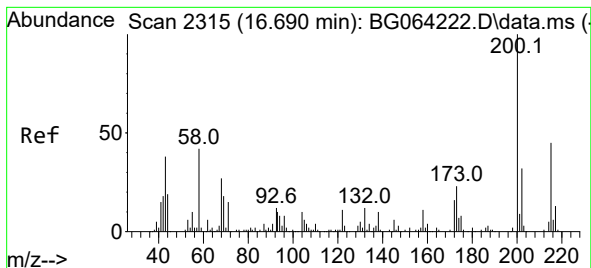
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#68
Hexachlorobenzene
Concen: 3.912 ng
RT: 16.530 min Scan# 2288
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:284 Resp: 9462
Ion Ratio Lower Upper
284 100
142 31.3 32.1 48.1#
249 32.3 28.3 42.5





#69

Atrazine

Concen: 3.877 ng

RT: 16.677 min Scan# 21

Delta R.T. -0.019 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

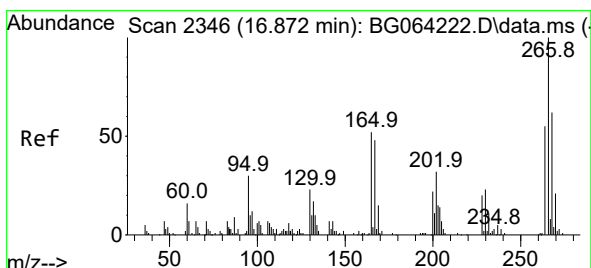
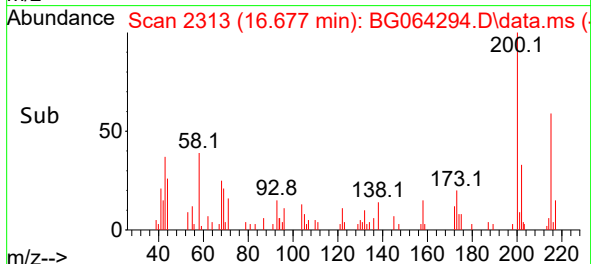
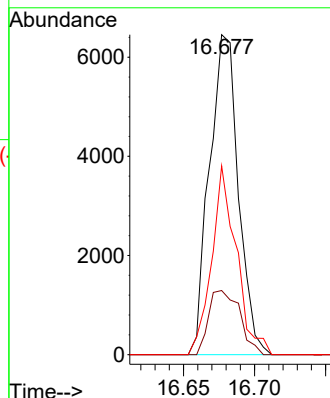
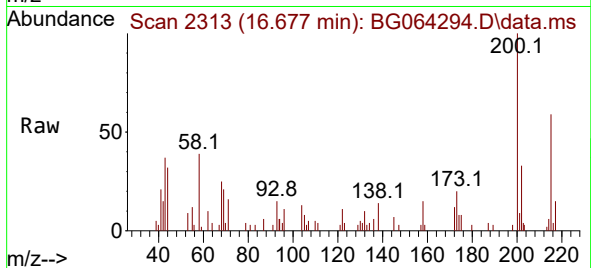
Tgt Ion:200 Resp: 913
 Ion Ratio Lower Upper
 200 100
 173 20.0 3.5 43.5
 215 59.0 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#70

Pentachlorophenol

Concen: 3.400 ng

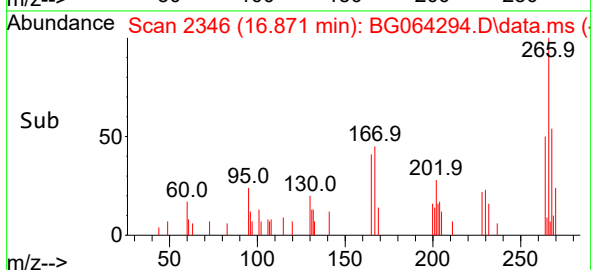
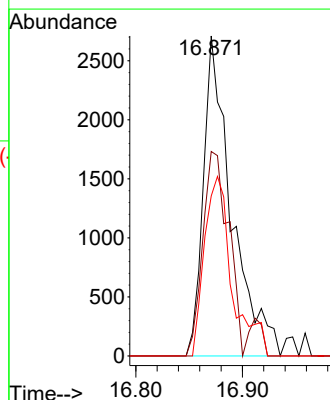
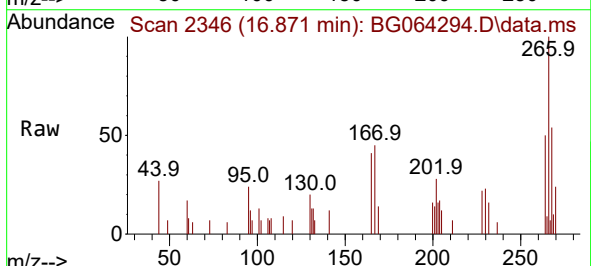
RT: 16.871 min Scan# 2346

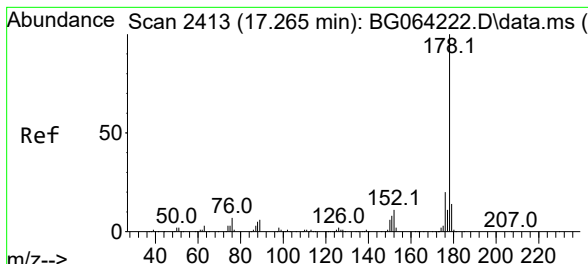
Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:266 Resp: 4987
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.4 74.0
 264 50.0 44.3 66.5



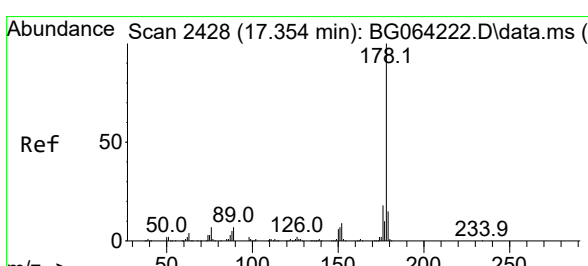
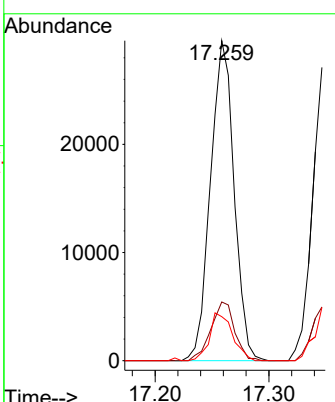
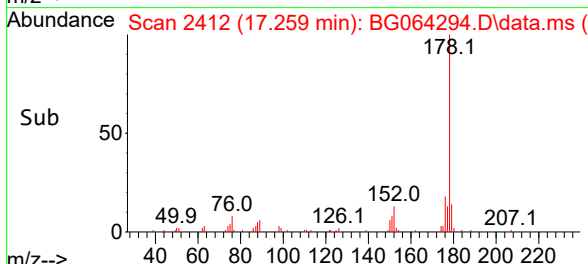
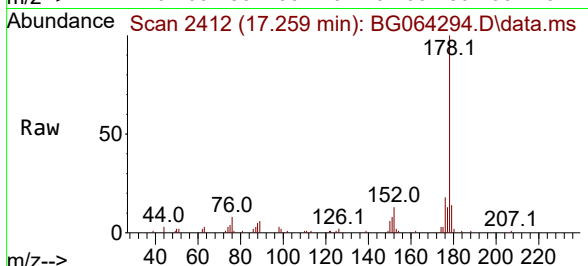


#71
 Phenanthrene
 Concen: 3.949 ng
 RT: 17.259 min Scan# 2412
 Delta R.T. -0.007 min
 Lab File: BG064294.D
 Acq: 5 Sep 2025 15:49

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

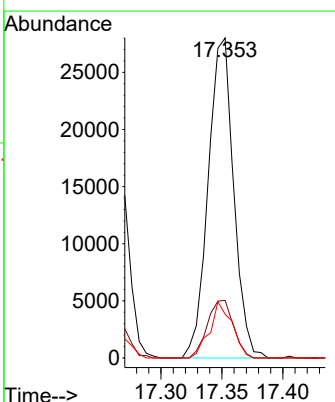
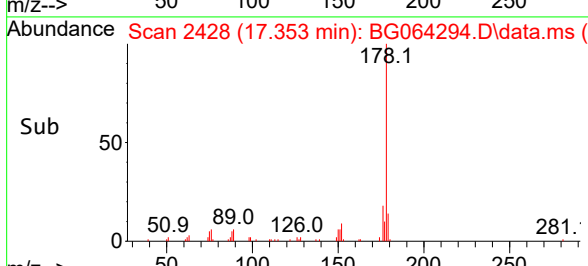
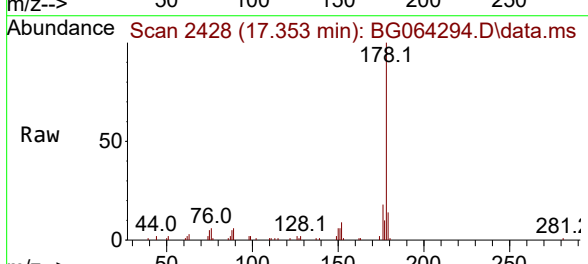
Tgt Ion:178	Resp: 4272
Ion Ratio	Lower Upper
178	100
176	18.3 15.9 23.9
179	13.8 11.4 17.2

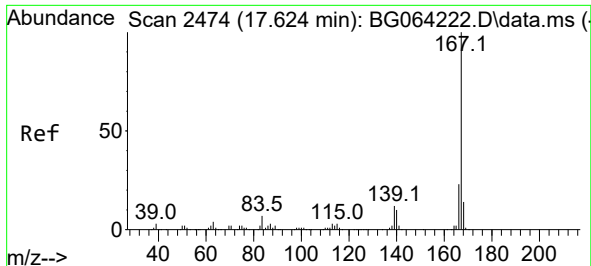
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025



#72
 Anthracene
 Concen: 3.694 ng
 RT: 17.353 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BG064294.D
 Acq: 5 Sep 2025 15:49

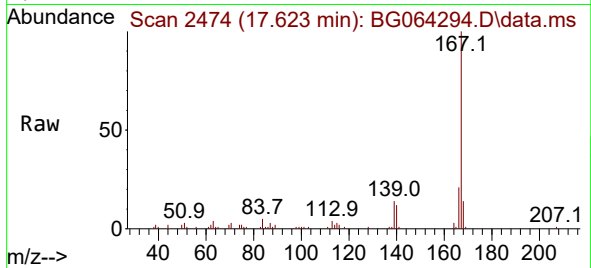
Tgt Ion:178	Resp: 40651
Ion Ratio	Lower Upper
178	100
176	18.0 14.7 22.1
179	13.6 12.1 18.1





#73
 Carbazole
 Concen: 3.728 ng
 RT: 17.623 min Scan# 2474
 Delta R.T. -0.001 min
 Lab File: BG064294.D
 Acq: 5 Sep 2025 15:49

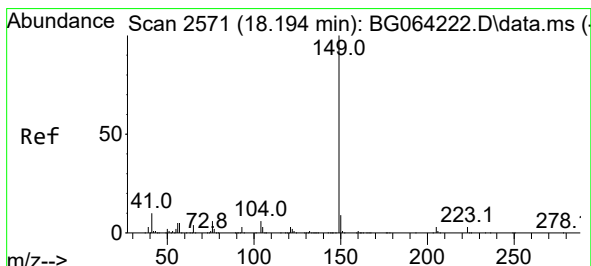
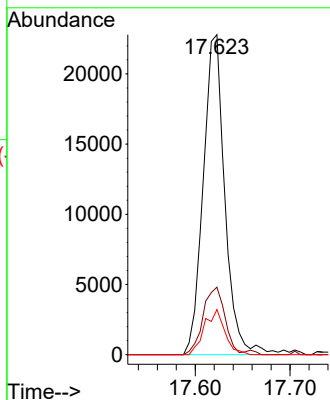
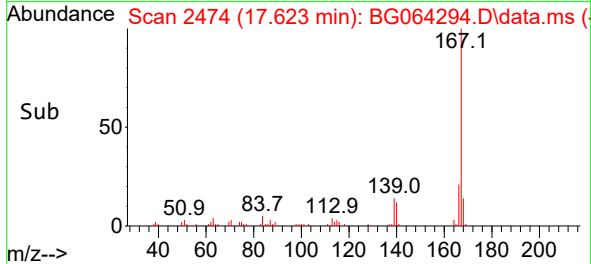
Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025



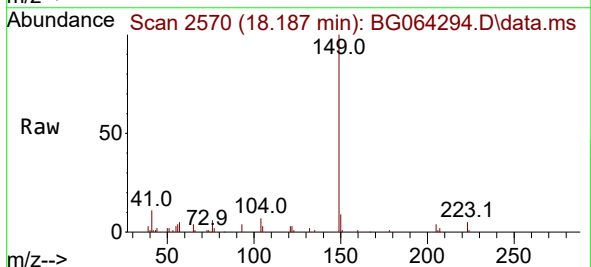
Tgt Ion:167 Resp: 36134
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.2
 139 14.1 9.8 14.6

Manual Integrations
 APPROVED

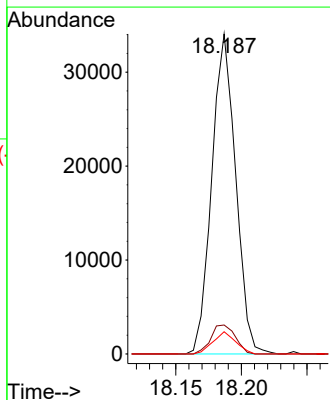
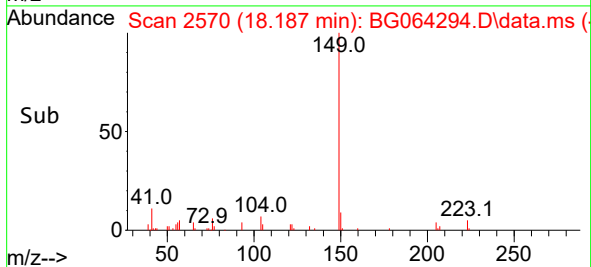
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

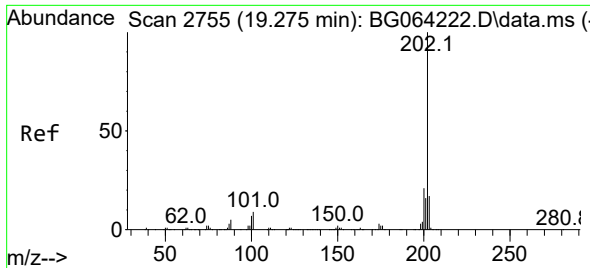


#74
 Di-n-butylphthalate
 Concen: 3.704 ng
 RT: 18.187 min Scan# 2570
 Delta R.T. -0.007 min
 Lab File: BG064294.D
 Acq: 5 Sep 2025 15:49



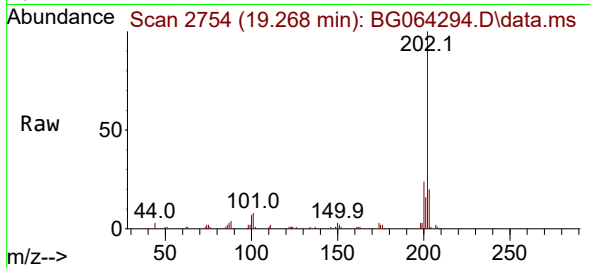
Tgt Ion:149 Resp: 43135
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 7.0 4.6 7.0#





#75
Fluoranthene
Concen: 3.871 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

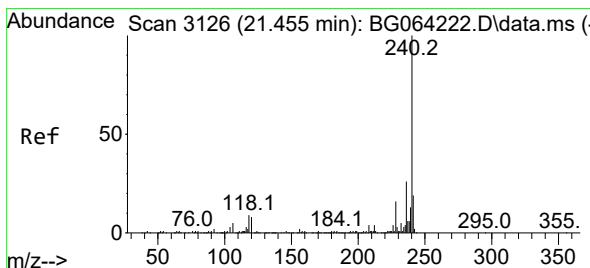
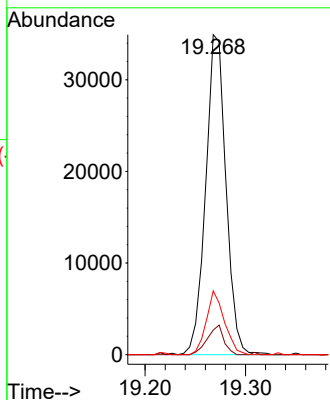
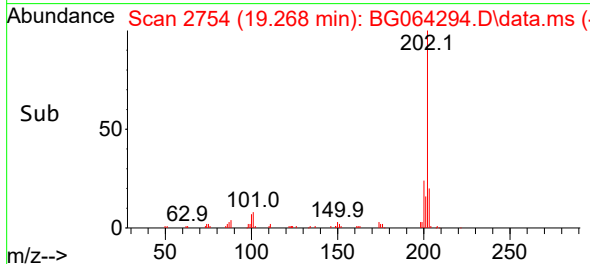
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:202 Resp: 49229
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.7
203 20.0 0.0 36.9

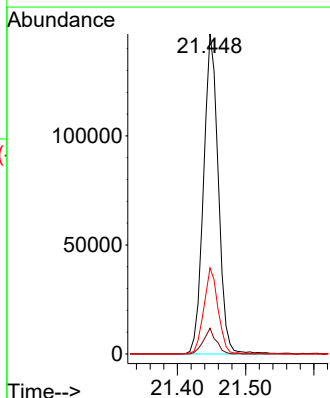
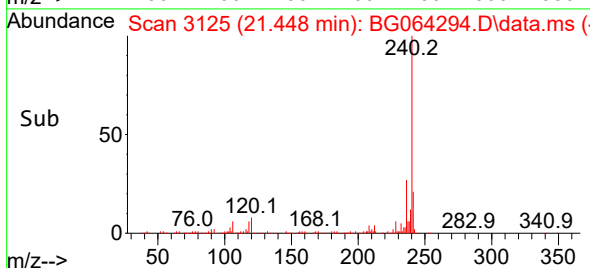
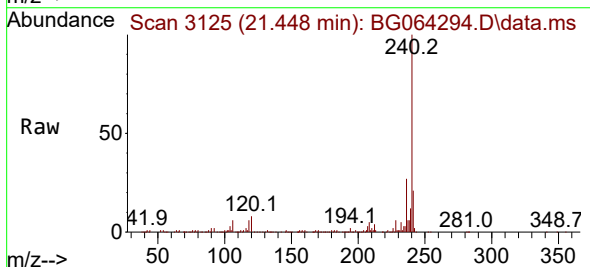
Manual Integrations
APPROVED

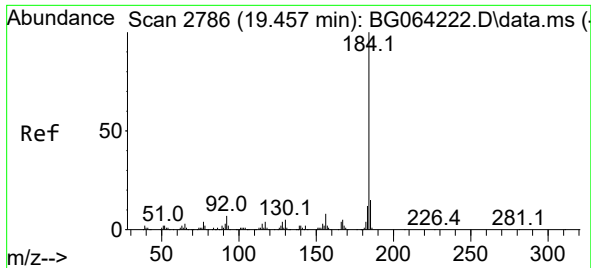
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

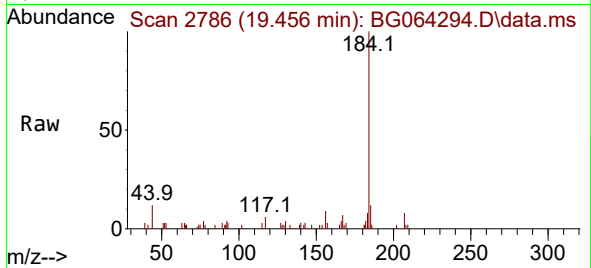
Tgt Ion:240 Resp: 220813
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 26.9 20.5 30.7





#77
Benzidine
Concen: 3.892 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

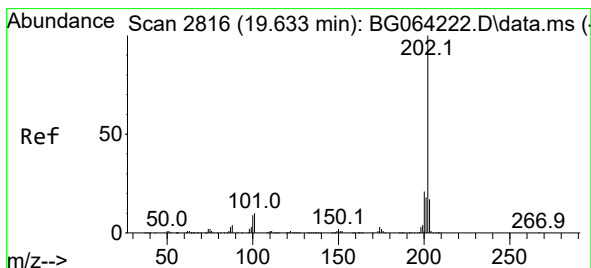
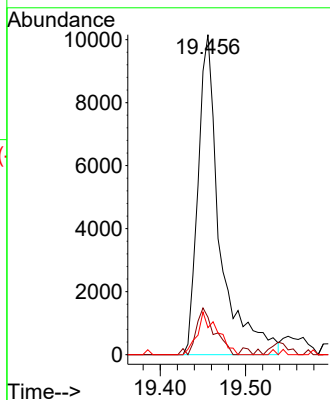
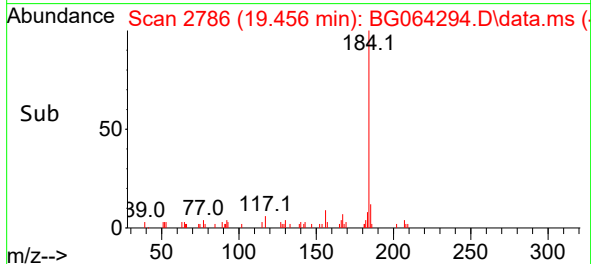
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



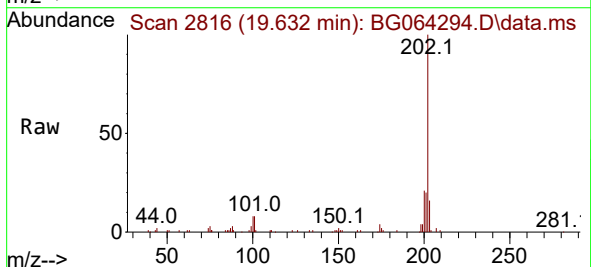
Tgt Ion:184 Resp: 18080
Ion Ratio Lower Upper
184 100
185 11.7 11.7 17.5
183 8.5 9.7 14.5

Manual Integrations
APPROVED

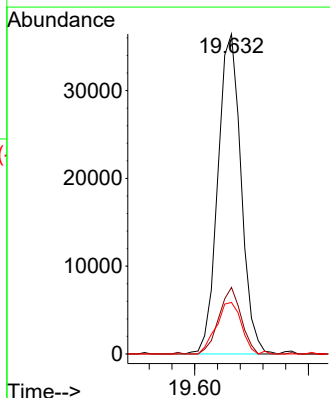
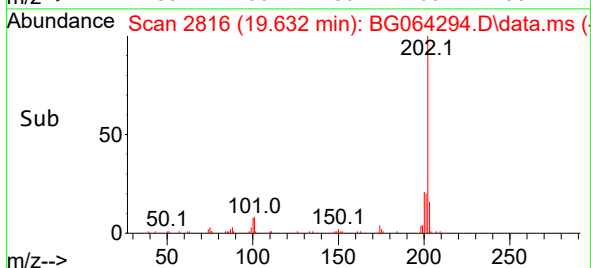
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

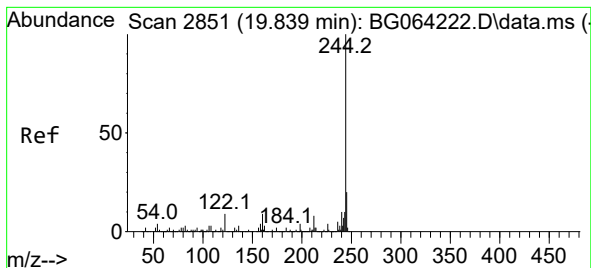


#78
Pyrene
Concen: 3.712 ng
RT: 19.632 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



Tgt Ion:202 Resp: 51644
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 16.1 13.8 20.8





#79

Terphenyl-d14

Concen: 92.501 ng

RT: 19.838 min Scan# 2851

Delta R.T. -0.007 min

Lab File: BG064294.D

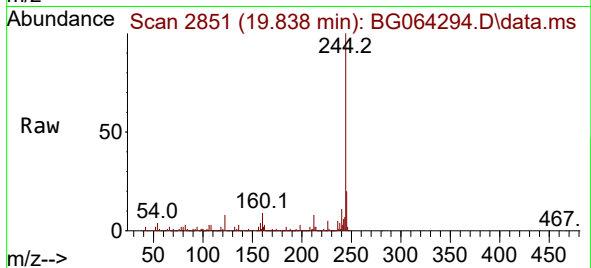
Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025



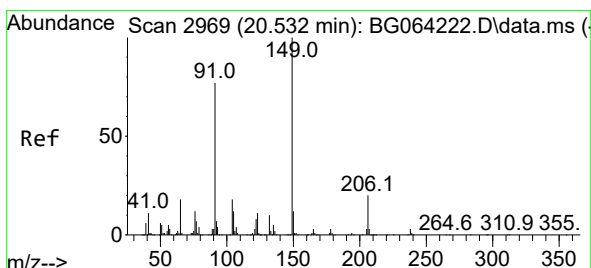
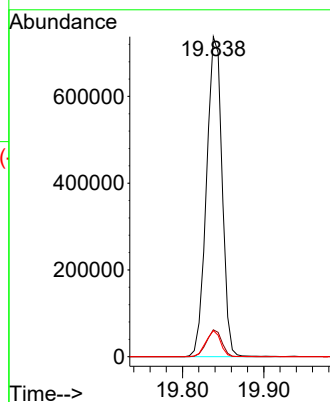
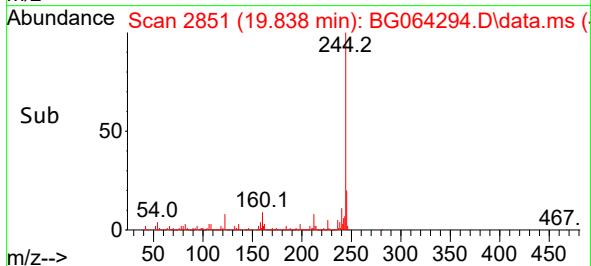
Tgt Ion:	244	Resp:	97900
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.6	10.0
122	8.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#80

Butylbenzylphthalate

Concen: 3.924 ng

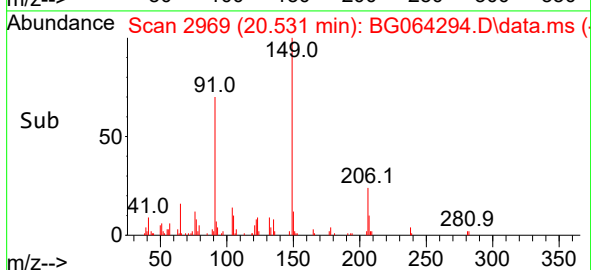
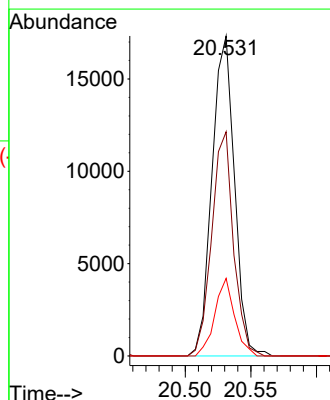
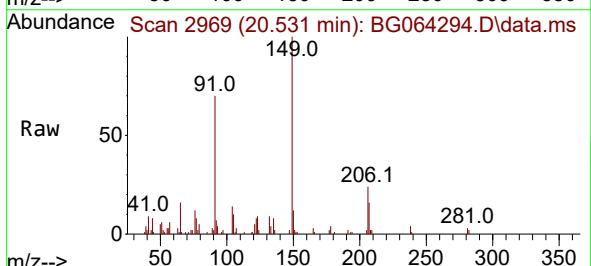
RT: 20.531 min Scan# 2969

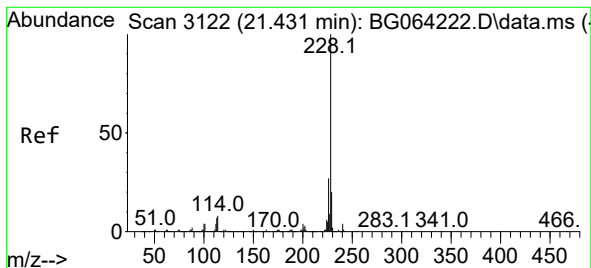
Delta R.T. -0.001 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:	149	Resp:	20588
Ion Ratio	Lower	Upper	
149	100		
91	70.0	61.4	92.0
206	24.3	15.8	23.6





#81

Benzo(a)anthracene

Concen: 3.754 ng

RT: 21.430 min Scan# 3122

Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

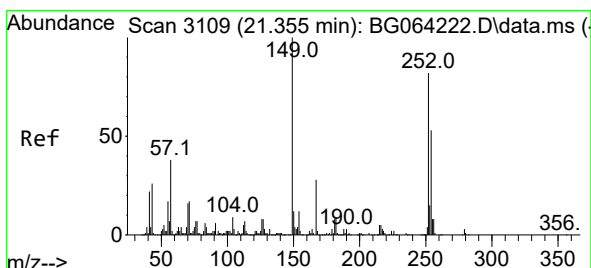
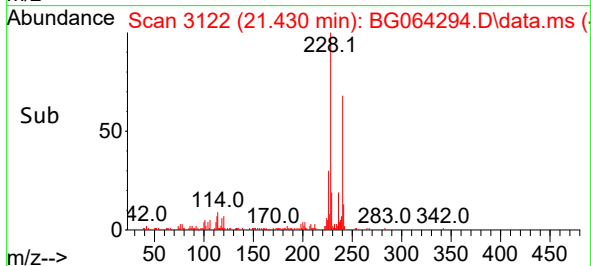
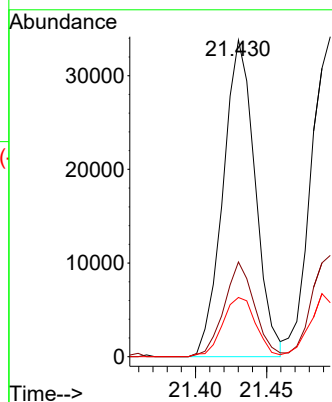
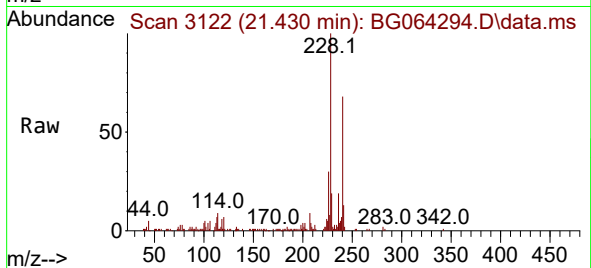
Tgt Ion:	228	Resp:	53034
Ion Ratio	Lower	Upper	
228	100		
226	29.9	21.7	32.5
229	18.7	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#82

3,3'-Dichlorobenzidine

Concen: 4.070 ng

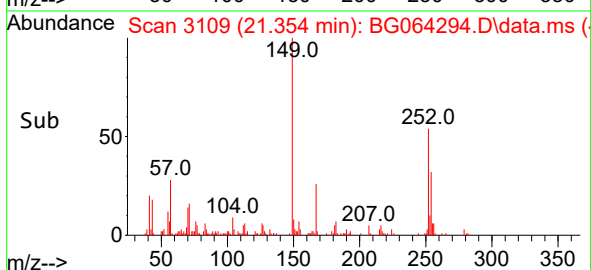
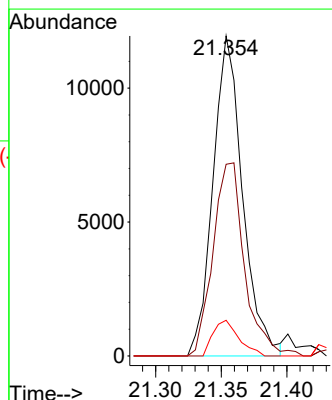
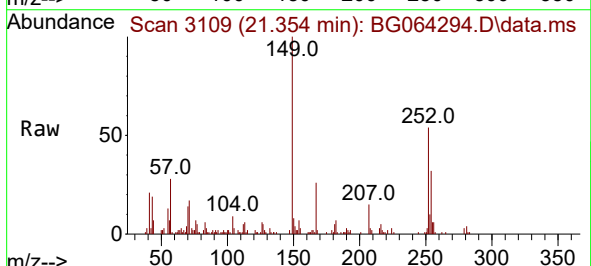
RT: 21.354 min Scan# 3109

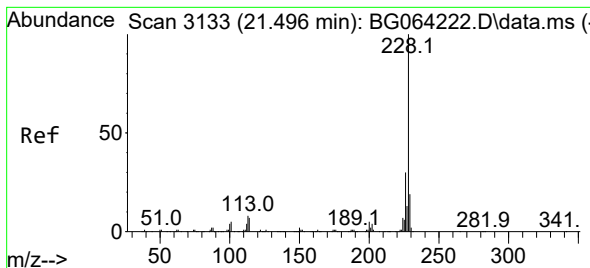
Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:	252	Resp:	18725
Ion Ratio	Lower	Upper	
252	100		
254	59.9	51.9	77.9
126	11.1	7.6	11.4





#83

Chrysene

Concen: 3.826 ng

RT: 21.495 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:228 Resp: 5188

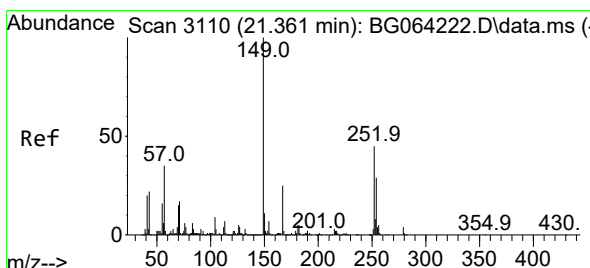
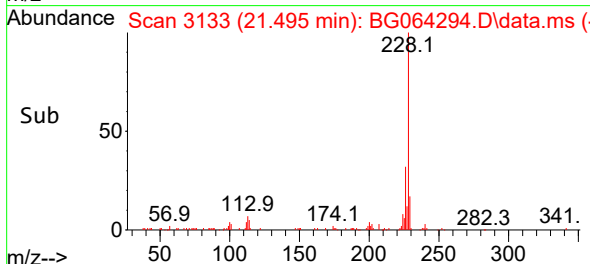
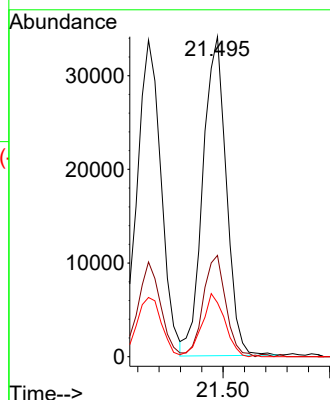
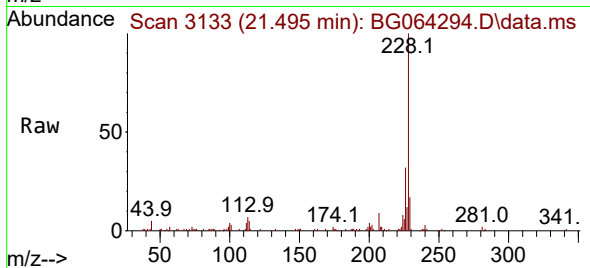
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.2
229	16.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.697 ng

RT: 21.354 min Scan# 3109

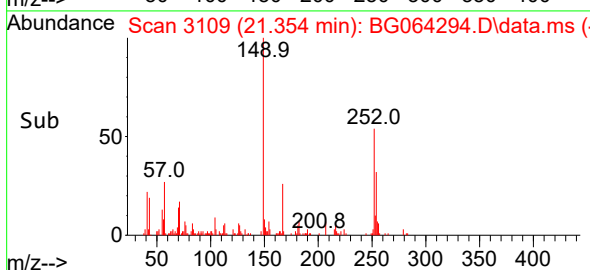
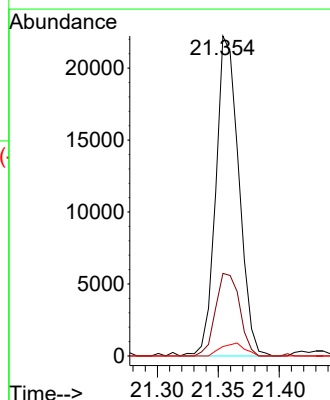
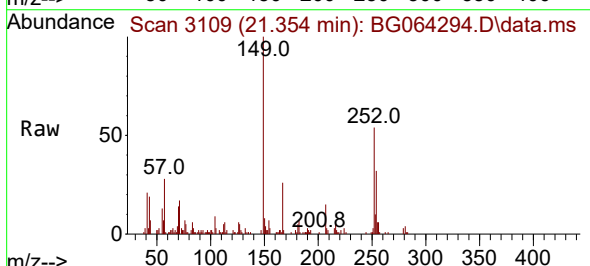
Delta R.T. -0.013 min

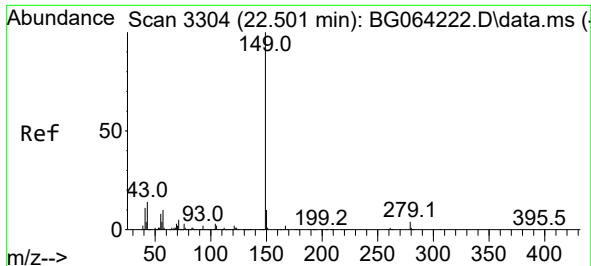
Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:149 Resp: 29121

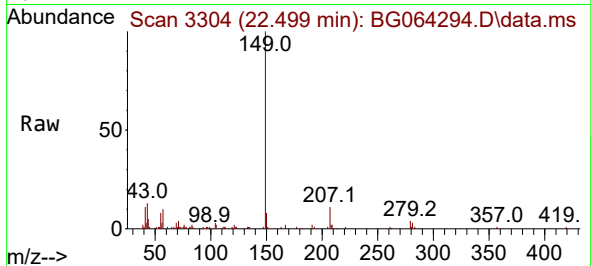
Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.0	30.0
279	3.0	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 3.670 ng
RT: 22.499 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

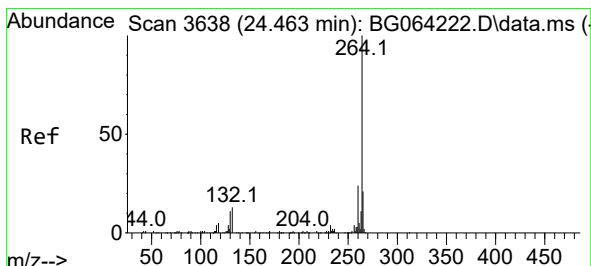
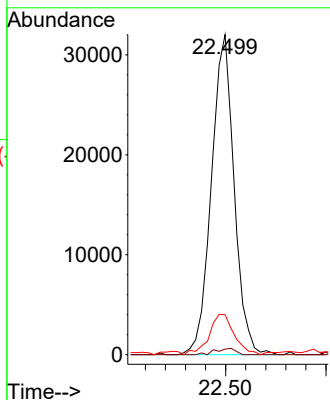
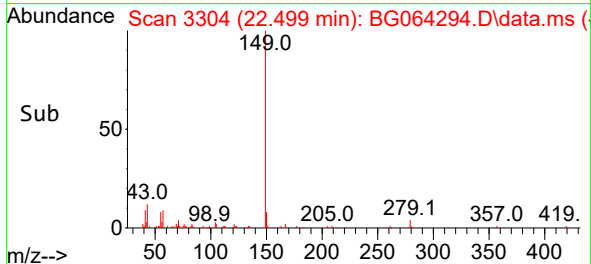
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



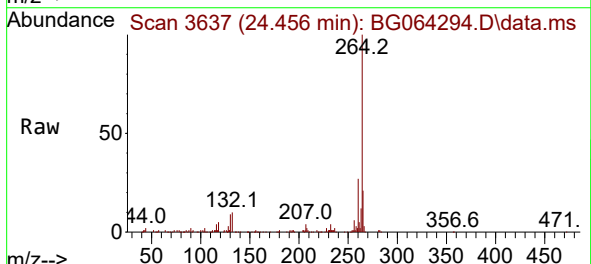
Tgt Ion:149 Resp: 5038
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 13.9 10.8 16.2

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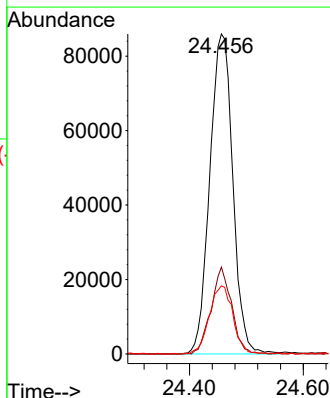
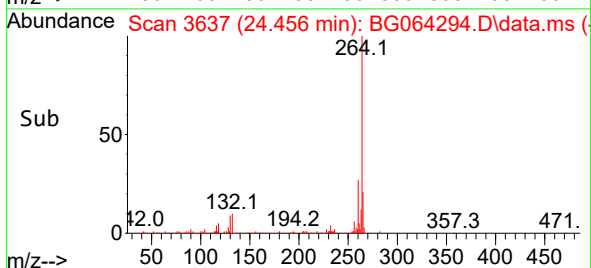
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

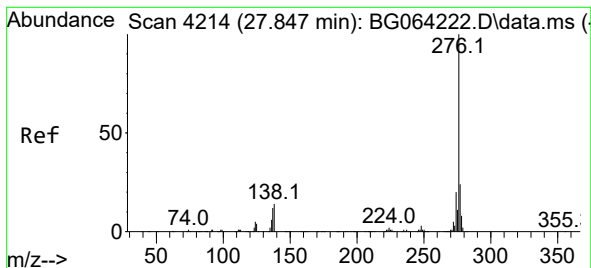


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3637
Delta R.T. -0.007 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49



Tgt Ion:264 Resp: 241290
Ion Ratio Lower Upper
264 100
260 27.2 18.9 28.3
265 21.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.717 ng

RT: 27.834 min Scan# 4212

Delta R.T. -0.037 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

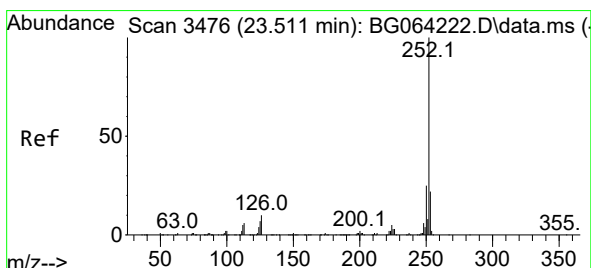
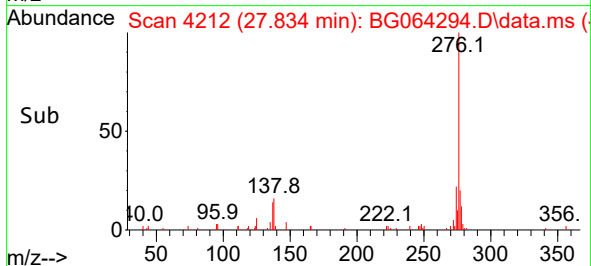
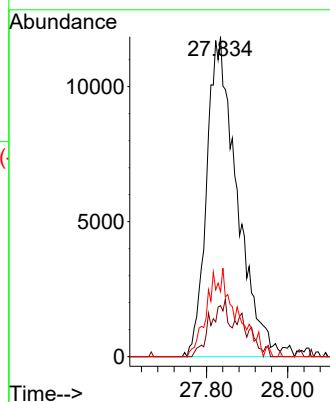
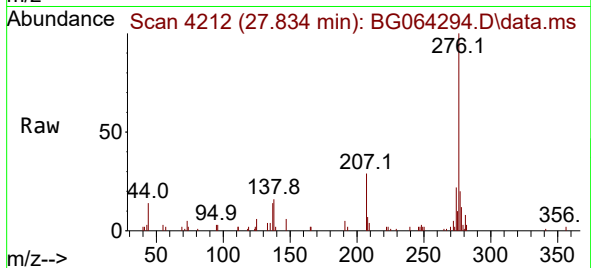
Tgt Ion:	276	Resp:	6125
Ion Ratio	Lower	Upper	
276	100		
138	10.9	7.4	11.0
277	0.0	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#88

Benzo(b)fluoranthene

Concen: 3.753 ng m

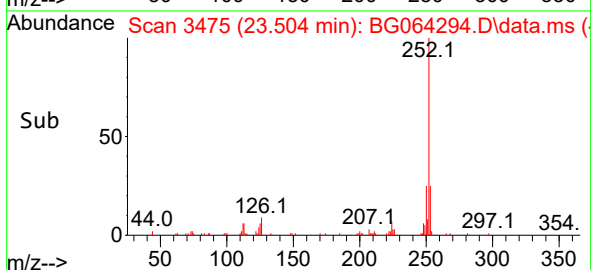
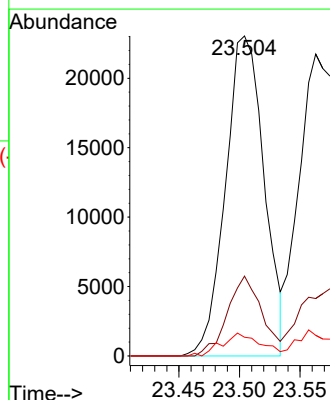
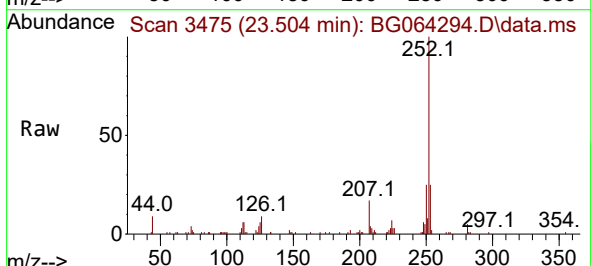
RT: 23.504 min Scan# 3475

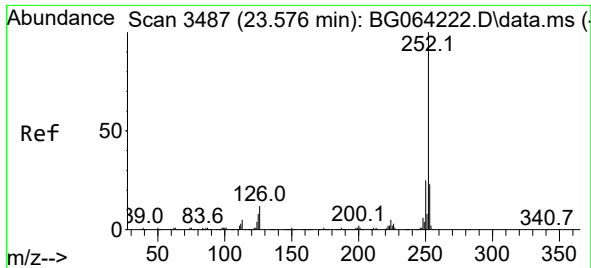
Delta R.T. -0.013 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

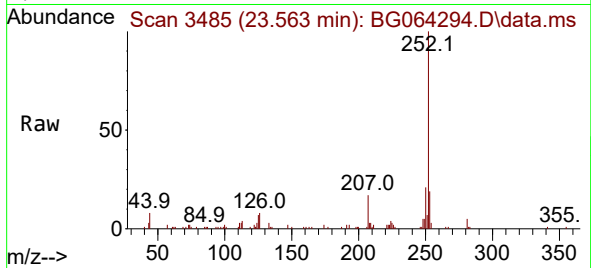
Tgt Ion:	252	Resp:	51115
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.5	26.3
125	5.8	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 3.657 ng
RT: 23.563 min Scan# 3487
Delta R.T. -0.025 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

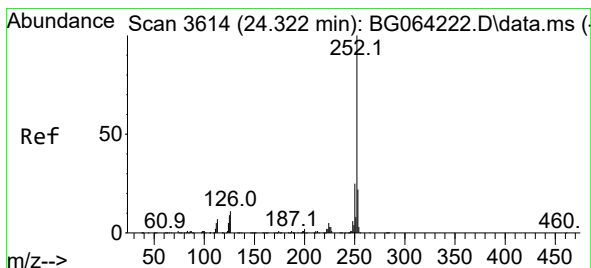
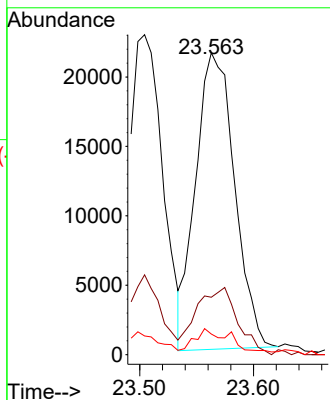
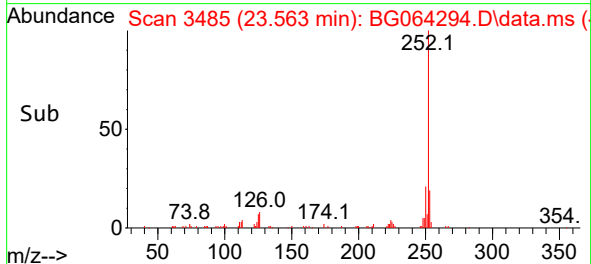
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:252 Resp: 5074
Ion Ratio Lower Upper
252 100
253 19.0 18.2 27.4
125 6.8 7.0 10.4

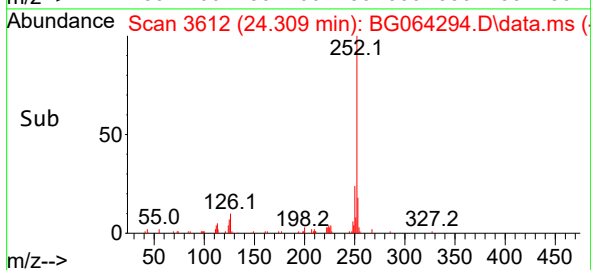
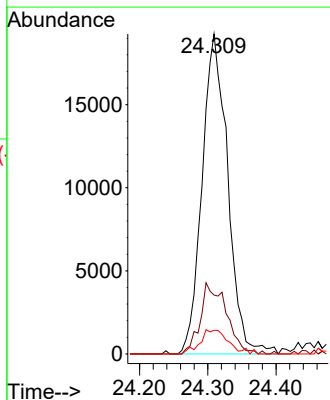
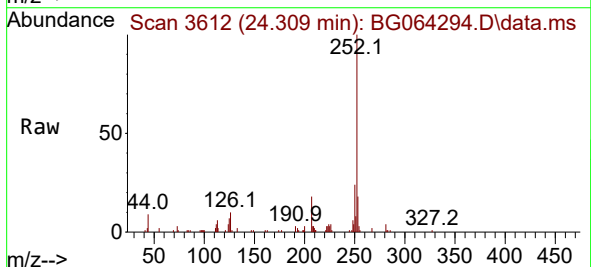
Manual Integrations
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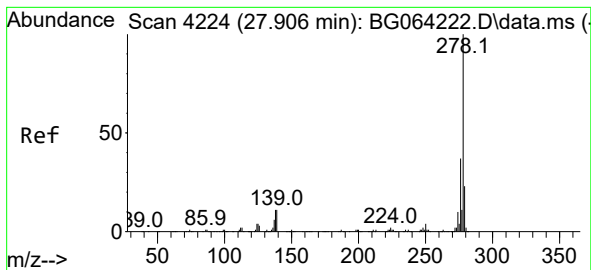
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#90
Benzo(a)pyrene
Concen: 3.977 ng
RT: 24.309 min Scan# 3612
Delta R.T. -0.019 min
Lab File: BG064294.D
Acq: 5 Sep 2025 15:49

Tgt Ion:252 Resp: 50386
Ion Ratio Lower Upper
252 100
253 18.4 17.4 26.2
125 7.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 3.674 ng

RT: 27.893 min Scan# 41

Delta R.T. -0.031 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2025

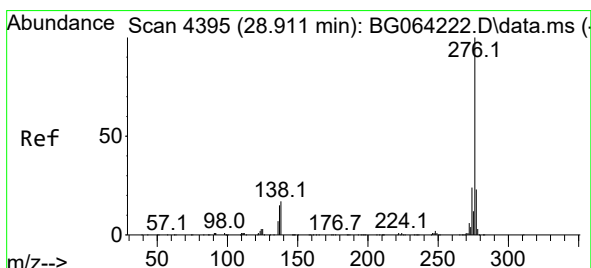
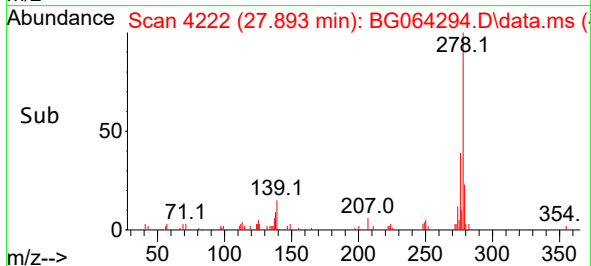
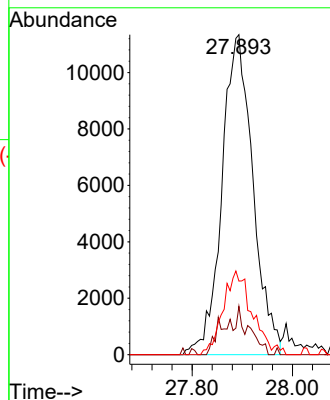
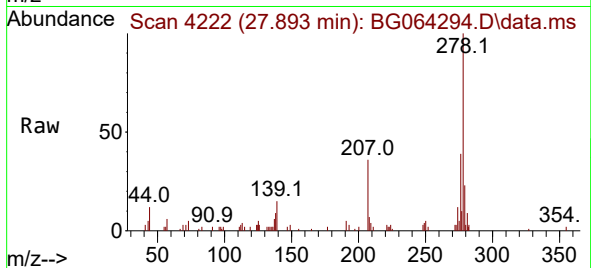
Tgt Ion:278 Resp: 48610
 Ion Ratio Lower Upper
 278 100
 139 15.1 9.0 13.4
 279 23.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#92

Benzo(g,h,i)perylene

Concen: 3.856 ng

RT: 28.886 min Scan# 4391

Delta R.T. -0.048 min

Lab File: BG064294.D

Acq: 5 Sep 2025 15:49

Tgt Ion:276 Resp: 49637
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.2 27.4
 138 14.3 13.3 19.9

