

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064269.D
 Acq On : 4 Sep 2025 2:02
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Sep 04 03:05:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	39167	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	182915	20.000	ng	-0.01
39) Acenaphthene-d10	14.476	164	136089	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	271698	20.000	ng	0.00
76) Chrysene-d12	21.444	240	243870	20.000	ng	-0.01
86) Perylene-d12	24.453	264	262317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	305536	139.955	ng	0.00
7) Phenol-d6	7.026	99	452443	150.854	ng	0.00
23) Nitrobenzene-d5	9.006	82	346779	105.732	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	250219	138.813	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	868297	97.387	ng	0.00
79) Terphenyl-d14	19.840	244	1183407	101.242	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	8643	9.498	ng	# 77
3) Pyridine	3.753	79	21620	8.072	ng	# 56
4) n-Nitrosodimethylamine	3.665	42	14887	8.403	ng	91
6) Aniline	7.184	93	37684	9.086	ng	# 92
8) 2-Chlorophenol	7.425	128	24011	9.001	ng	93
9) Benzaldehyde	6.996	77	24317	9.852	ng	99
10) Phenol	7.049	94	29768	9.002	ng	89
11) bis(2-Chloroethyl)ether	7.279	93	22184	8.928	ng	92
12) 1,3-Dichlorobenzene	7.743	146	26342	9.282	ng	95
13) 1,4-Dichlorobenzene	7.890	146	26226	9.156	ng	93
14) 1,2-Dichlorobenzene	8.207	146	26025	9.414	ng	94
15) Benzyl Alcohol	8.083	79	25313	9.146	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.383	45	48187	8.494	ng	97
17) 2-Methylphenol	8.289	107	20484	8.312	ng	# 85
18) Hexachloroethane	8.935	117	10439	9.337	ng	97
19) n-Nitroso-di-n-propyla...	8.653	70	21212	9.241	ng	99
20) 3+4-Methylphenols	8.624	107	27979	8.171	ng	97
22) Acetophenone	8.671	105	42759	9.240	ng	# 95
24) Nitrobenzene	9.053	77	31195	9.103	ng	95
25) Isophorone	9.570	82	60636	8.896	ng	98
26) 2-Nitrophenol	9.758	139	13335	9.006	ng	97
27) 2,4-Dimethylphenol	9.817	122	23437	9.016	ng	90
28) bis(2-Chloroethoxy)met...	10.052	93	32878	8.945	ng	94
29) 2,4-Dichlorophenol	10.293	162	24021	8.757	ng	93
30) 1,2,4-Trichlorobenzene	10.504	180	26782	9.260	ng	100
31) Naphthalene	10.692	128	82826	8.732	ng	98
32) Benzoic acid	9.917	122	11475m	5.561	ng	
33) 4-Chloroaniline	10.798	127	35250	9.589	ng	96
34) Hexachlorobutadiene	10.986	225	19561	9.150	ng	# 82
35) Caprolactam	11.550	113	7126	6.709	ng	88
36) 4-Chloro-3-methylphenol	11.920	107	31172	8.759	ng	97
37) 2-Methylnaphthalene	12.302	142	57846	8.205	ng	94
38) 1-Methylnaphthalene	12.519	142	61805	8.875	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.672	216	34806	8.864	ng	95
41) Hexachlorocyclopentadiene	12.655	237	18412	9.866	ng	92
43) 2,4,6-Trichlorophenol	12.907	196	22170	8.447	ng	96

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 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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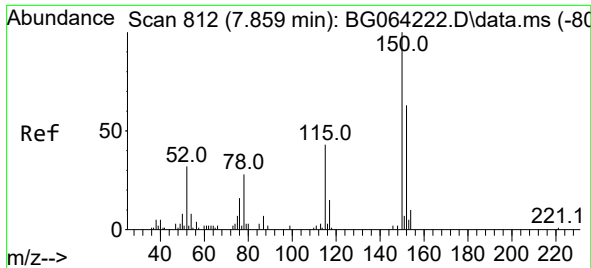
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.978	196	26028	9.142	ng	88
46) 1,1'-Biphenyl	13.313	154	88110	8.889	ng	99
47) 2-Chloronaphthalene	13.354	162	64905	8.710	ng	99
48) 2-Nitroaniline	13.554	65	21399	8.425	ng	91
49) Acenaphthylene	14.200	152	108079	9.812	ng	98
50) Dimethylphthalate	13.935	163	86258	8.374	ng	99
51) 2,6-Dinitrotoluene	14.047	165	18802	9.428	ng	# 86
52) Acenaphthene	14.541	154	67870	8.731	ng	97
53) 3-Nitroaniline	14.376	138	16558	7.927	ng	91
54) 2,4-Dinitrophenol	14.588	184	6812	10.510	ng	93
55) Dibenzofuran	14.875	168	106050	8.673	ng	98
56) 4-Nitrophenol	14.693	139	10472	6.111	ng	92
57) 2,4-Dinitrotoluene	14.834	165	24493	8.123	ng	98
58) Fluorene	15.522	166	88929	8.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	23146m	8.453	ng	
60) Diethylphthalate	15.299	149	85274	7.735	ng	97
61) 4-Chlorophenyl-phenyle...	15.522	204	43564	8.718	ng	96
62) 4-Nitroaniline	15.534	138	14375	6.744	ng	98
63) Azobenzene	15.816	77	82611	8.408	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	13044	8.362	ng	95
66) n-Nitrosodiphenylamine	15.733	169	72505	9.701	ng	97
67) 4-Bromophenyl-phenylether	16.415	248	28822	9.988	ng	97
68) Hexachlorobenzene	16.532	284	32341	10.092	ng	# 90
69) Atrazine	16.679	200	23325	7.474	ng	90
70) Pentachlorophenol	16.873	266	14797	7.615	ng	92
71) Phenanthrene	17.261	178	129889	9.064	ng	98
72) Anthracene	17.349	178	130019	8.919	ng	99
73) Carbazole	17.619	167	103084	8.027	ng	97
74) Di-n-butylphthalate	18.183	149	116542	7.554	ng	98
75) Fluoranthene	19.270	202	125092	7.424	ng	98
77) Benzidine	19.452	184	51913	10.119	ng	98
78) Pyrene	19.629	202	131940	8.588	ng	98
80) Butylbenzylphthalate	20.528	149	53395	9.214	ng	93
81) Benzo(a)anthracene	21.427	228	139691	8.954	ng	96
82) 3,3'-Dichlorobenzidine	21.350	252	51077	10.052	ng	91
83) Chrysene	21.491	228	130586	8.718	ng	98
84) Bis(2-ethylhexyl)phtha...	21.356	149	80701	9.276	ng	100
85) Di-n-octyl phthalate	22.496	149	134186	8.852	ng	100
87) Indeno(1,2,3-cd)pyrene	27.825	276	159131	8.883	ng	98
88) Benzo(b)fluoranthene	23.501	252	131128	8.857	ng	98
89) Benzo(k)fluoranthene	23.565	252	139816m	9.270	ng	
90) Benzo(a)pyrene	24.311	252	127421	9.252	ng	96
91) Dibenzo(a,h)anthracene	27.890	278	127289	8.850	ng	94
92) Benzo(g,h,i)perylene	28.888	276	125973	9.001	ng	99

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



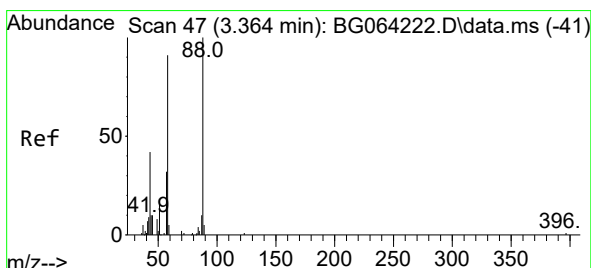
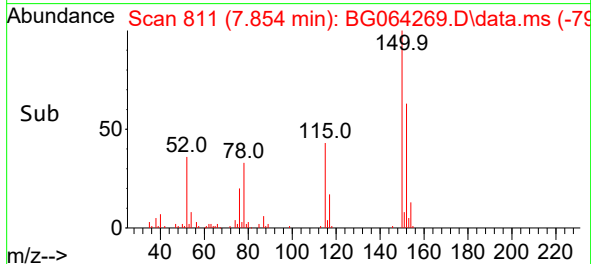
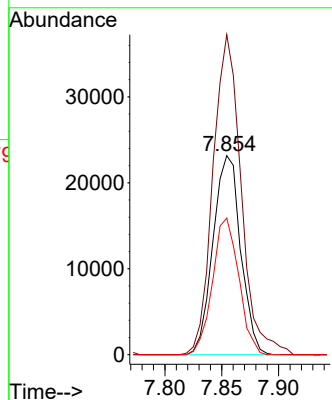
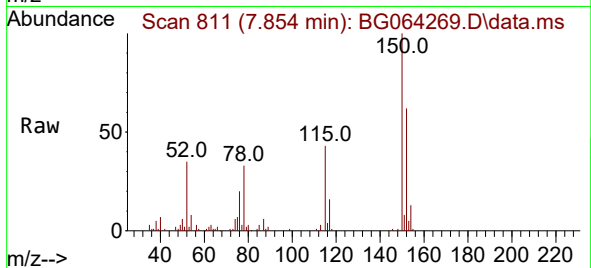
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:152 Resp: 3916
Ion Ratio Lower Upper
152 100
150 160.7 128.0 192.0
115 68.6 55.7 83.5

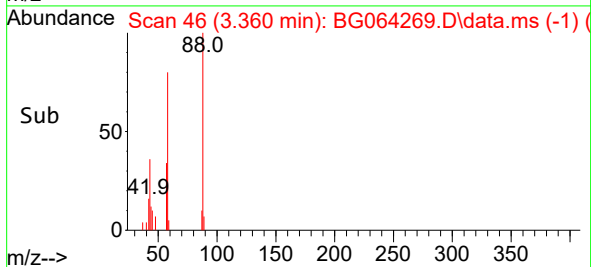
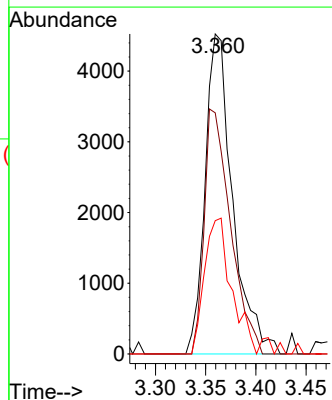
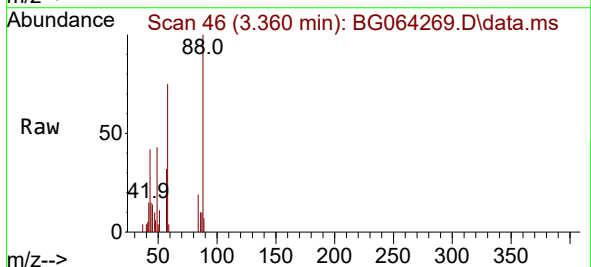
Manual Integrations
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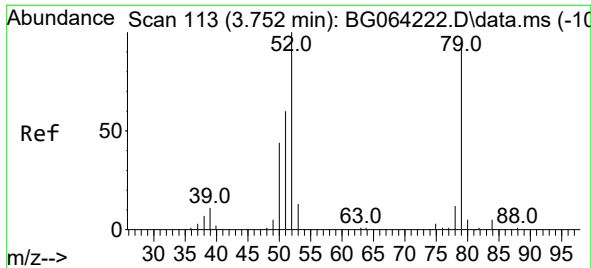
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#2
1,4-Dioxane
Concen: 9.498 ng
RT: 3.360 min Scan# 46
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

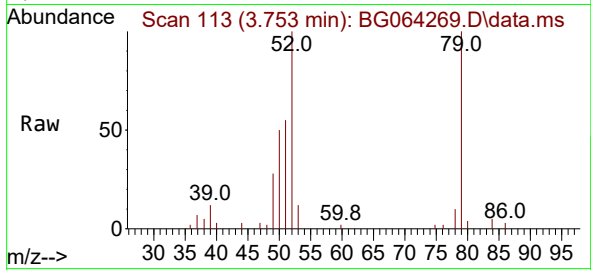
Tgt Ion: 88 Resp: 8643
Ion Ratio Lower Upper
88 100
58 73.4 80.8 121.2#
43 41.5 40.3 60.5





#3
Pyridine
Concen: 8.072 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

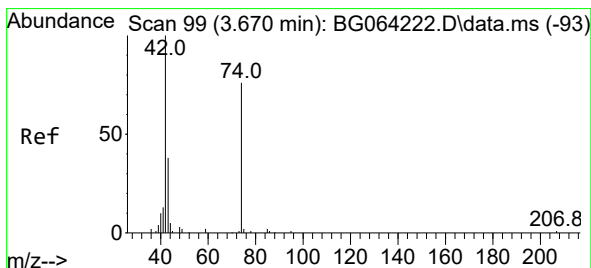
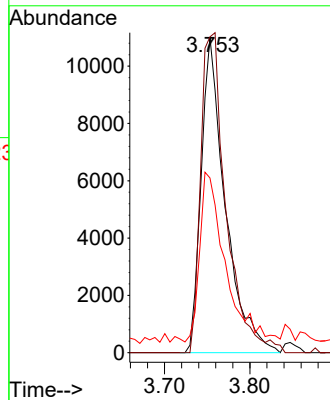
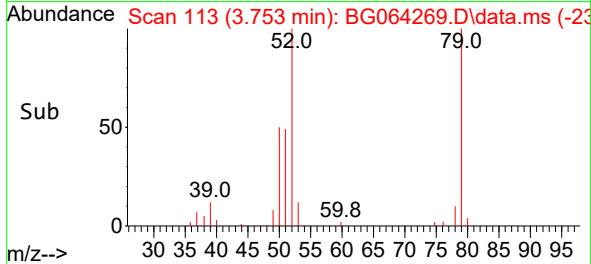
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



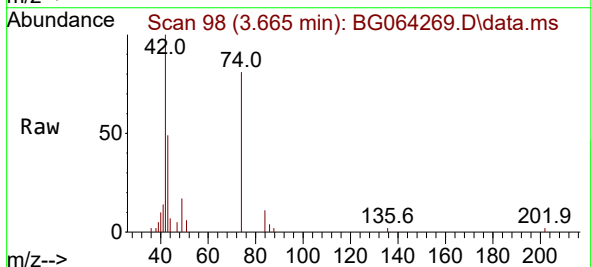
Tgt Ion: 79 Resp: 21620
Ion Ratio Lower Upper
79 100
52 100.1 86.6 129.8
51 55.4 114.1 171.1

Manual Integrations
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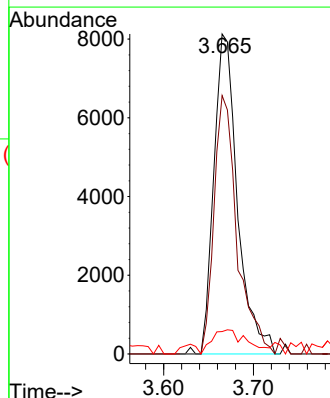
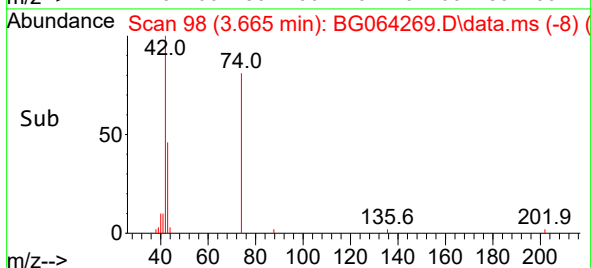
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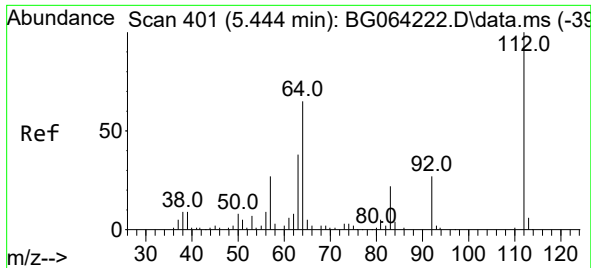


#4
n-Nitrosodimethylamine
Concen: 8.403 ng
RT: 3.665 min Scan# 98
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



Tgt Ion: 42 Resp: 14887
Ion Ratio Lower Upper
42 100
74 80.7 58.0 87.0
44 7.0 5.5 8.3





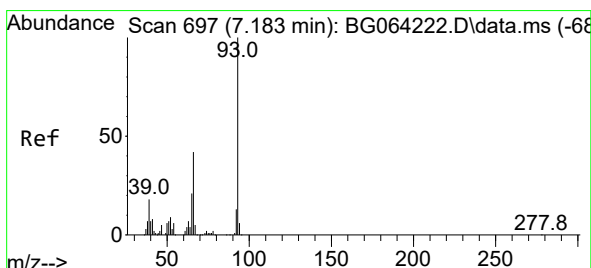
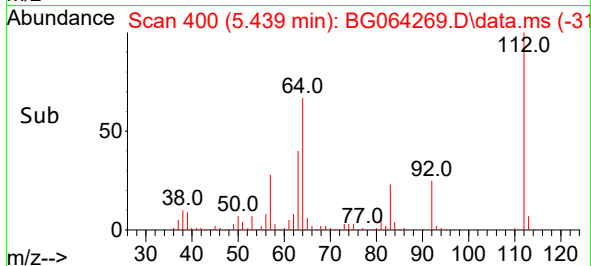
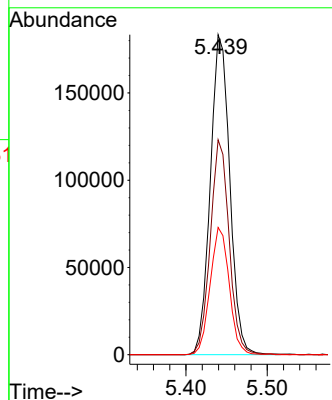
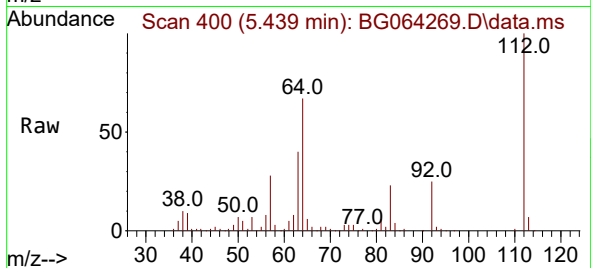
#5
2-Fluorophenol
Concen: 139.955 ng
RT: 5.439 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:112 Resp: 305530
Ion Ratio Lower Upper
112 100
64 67.2 51.8 77.6
63 39.7 30.6 45.8

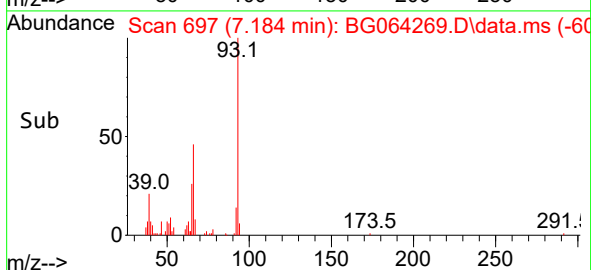
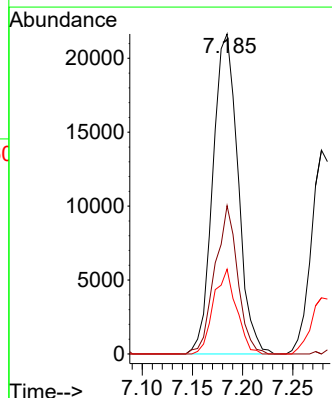
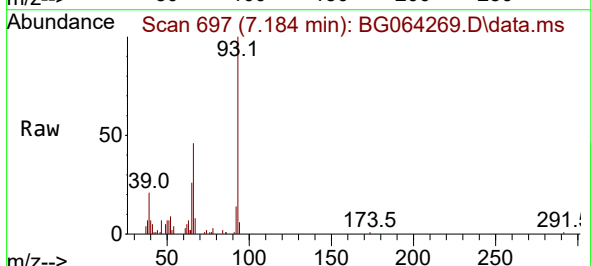
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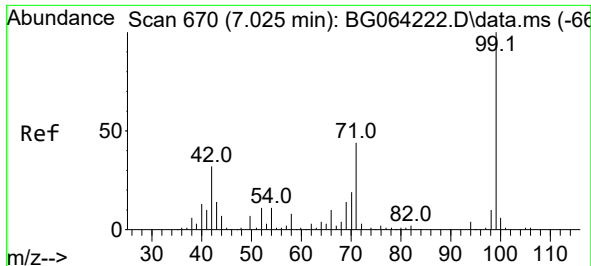
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#6
Aniline
Concen: 9.086 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

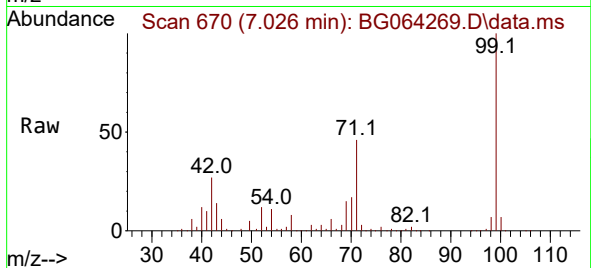
Tgt Ion: 93 Resp: 37684
Ion Ratio Lower Upper
93 100
66 46.4 33.8 50.8
65 26.5 16.9 25.3#





#7
Phenol-d6
Concen: 150.854 ng
RT: 7.026 min Scan# 670
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

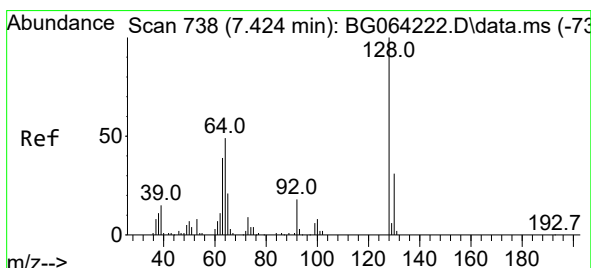
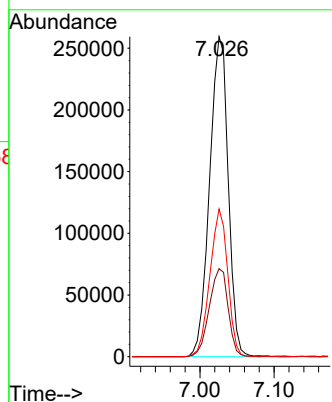
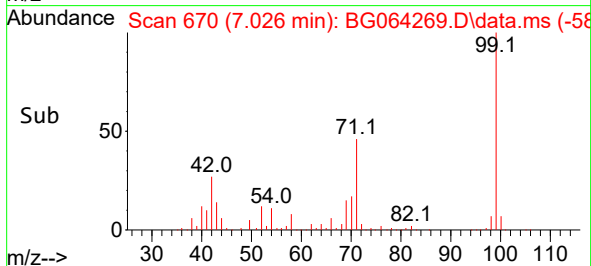
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 99 Resp: 45244
Ion Ratio Lower Upper
99 100
42 27.5 25.8 38.8
71 46.2 35.2 52.8

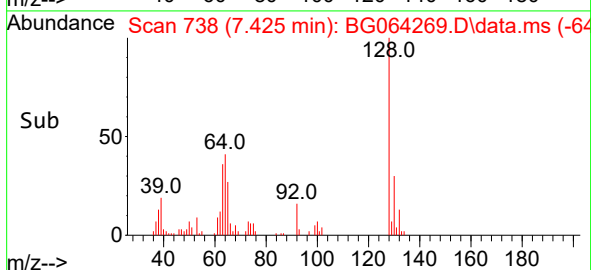
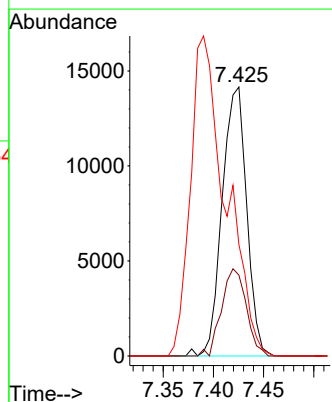
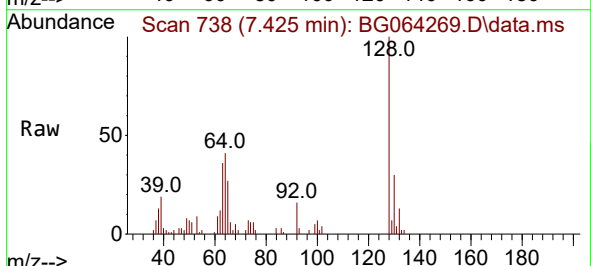
Manual Integrations
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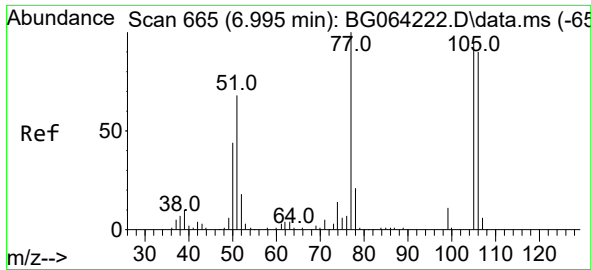
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#8
2-Chlorophenol
Concen: 9.001 ng
RT: 7.425 min Scan# 738
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:128 Resp: 24011
Ion Ratio Lower Upper
128 100
130 30.0 10.9 50.9
64 41.4 28.7 68.7





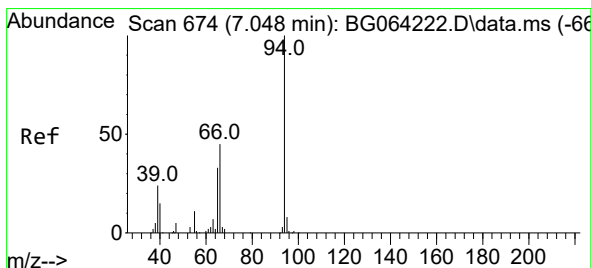
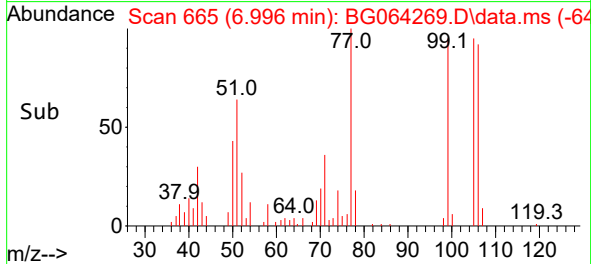
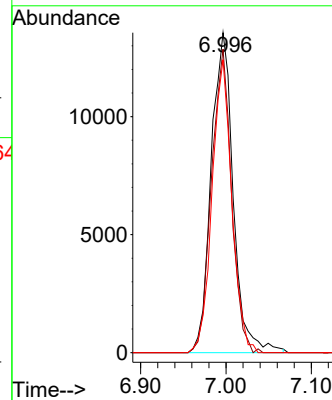
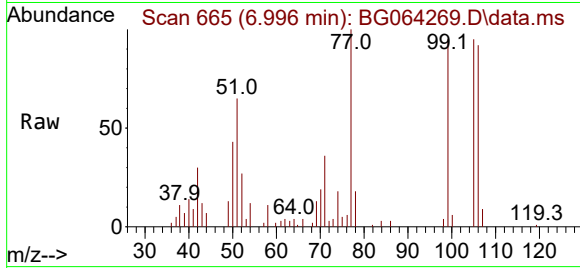
#9
Benzaldehyde
Concen: 9.852 ng
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 77 Resp: 2431
Ion Ratio Lower Upper
77 100
105 94.9 75.2 115.2
106 91.6 69.6 109.6

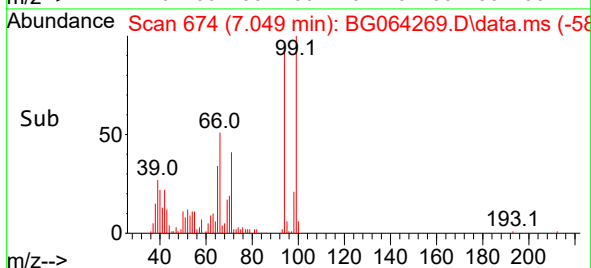
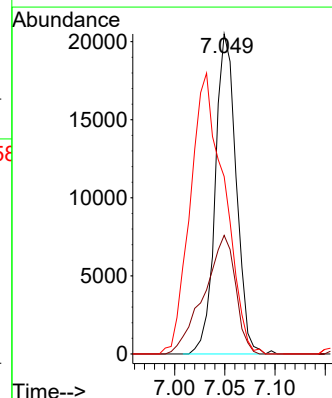
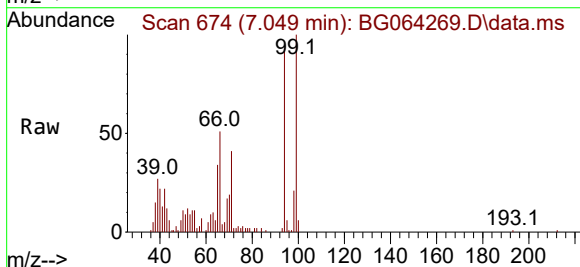
Manual Integrations
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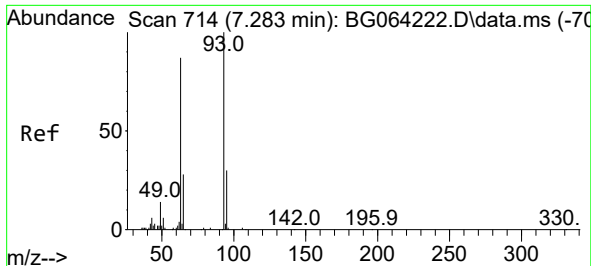
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#10
Phenol
Concen: 9.002 ng
RT: 7.049 min Scan# 674
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

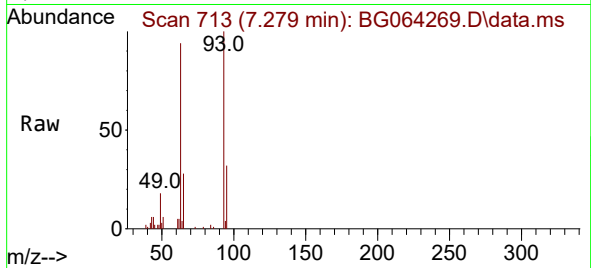
Tgt Ion: 94 Resp: 29768
Ion Ratio Lower Upper
94 100
65 37.1 13.5 53.5
66 55.4 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 8.928 ng
RT: 7.279 min Scan# 714
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

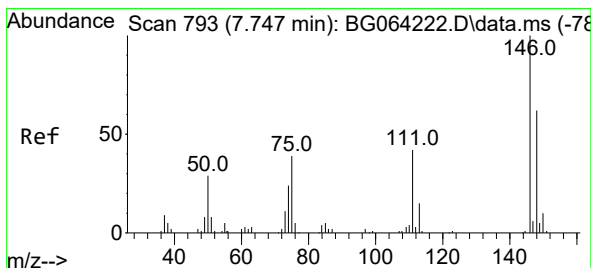
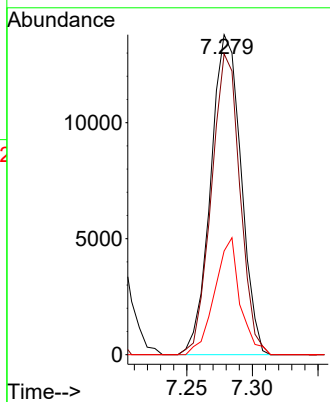
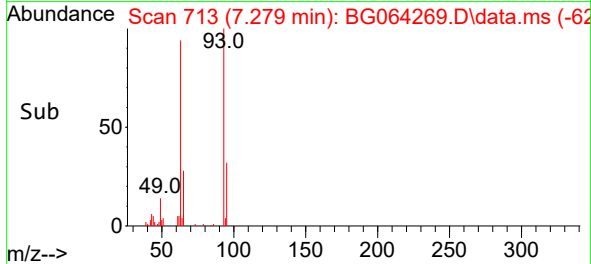
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



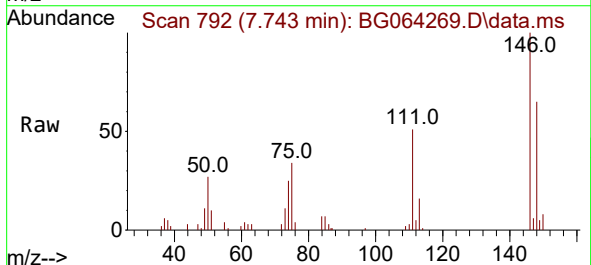
Tgt Ion: 93 Resp: 22184
Ion Ratio Lower Upper
93 100
63 94.0 66.2 106.2
95 32.4 9.8 49.8

Manual Integrations
APPROVED

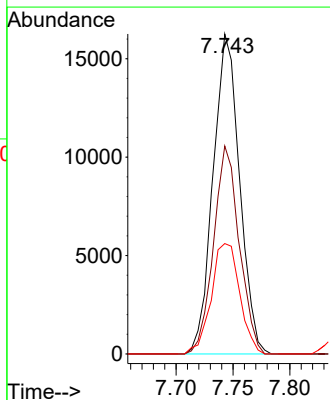
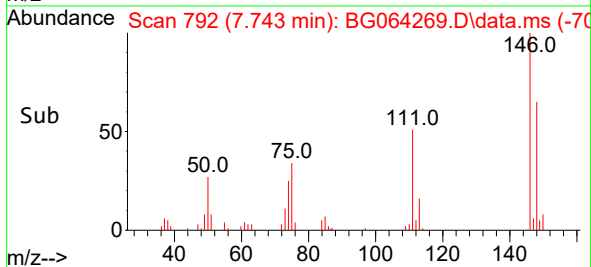
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

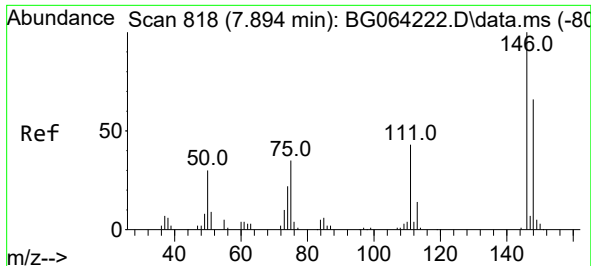


#12
1,3-Dichlorobenzene
Concen: 9.282 ng
RT: 7.743 min Scan# 792
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



Tgt Ion:146 Resp: 26342
Ion Ratio Lower Upper
146 100
148 65.0 49.6 74.4
75 34.5 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 9.156 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

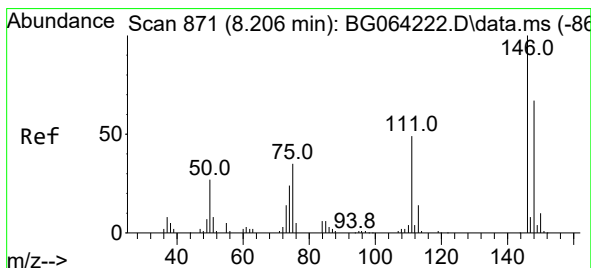
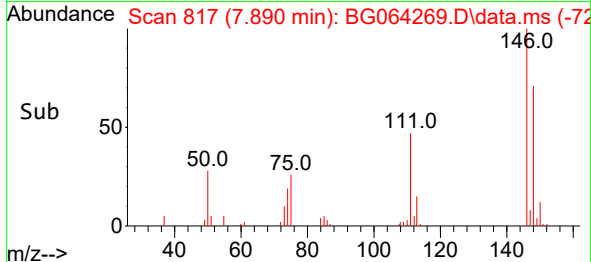
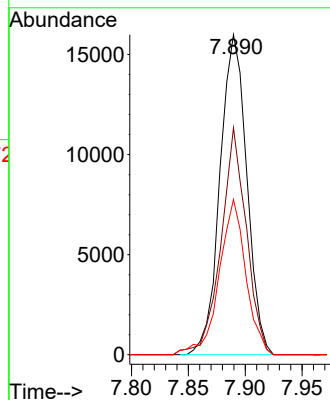
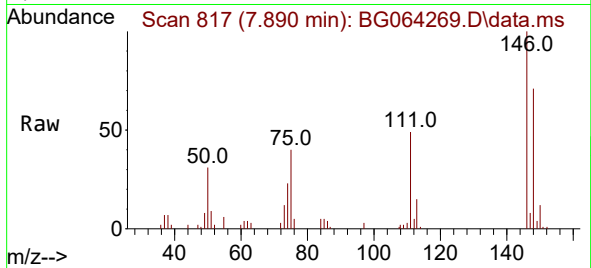
Tgt Ion:146 Resp: 26220
 Ion Ratio Lower Upper
 146 100
 148 70.9 52.8 79.2
 111 48.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#14

1,2-Dichlorobenzene

Concen: 9.414 ng

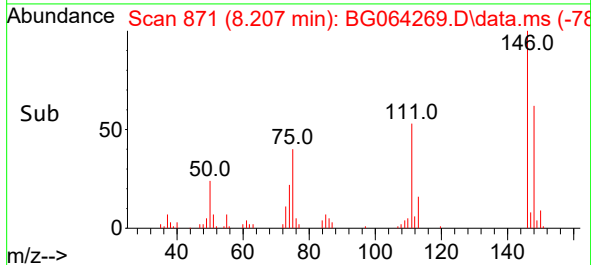
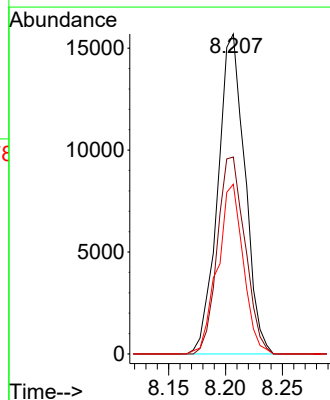
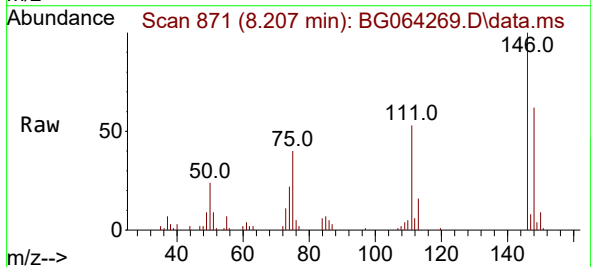
RT: 8.207 min Scan# 871

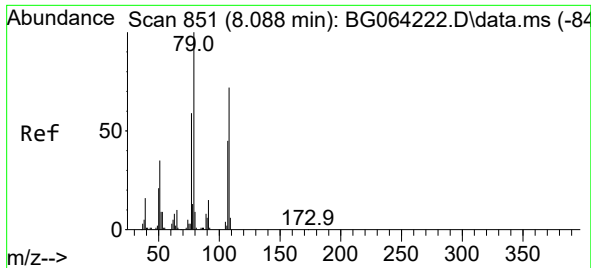
Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Tgt Ion:146 Resp: 26025
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.4 80.0
 111 53.0 39.1 58.7





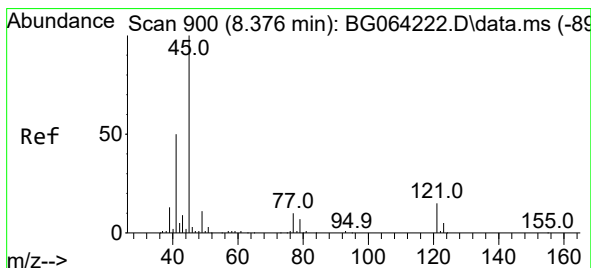
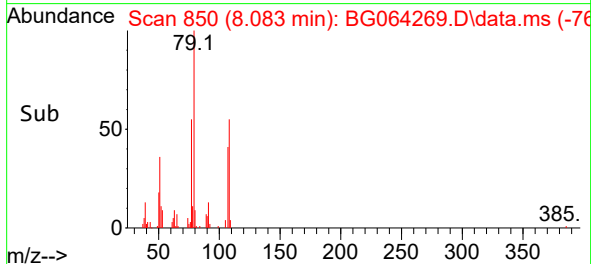
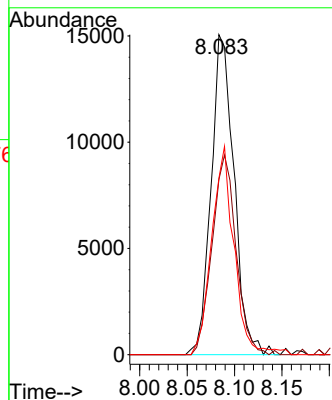
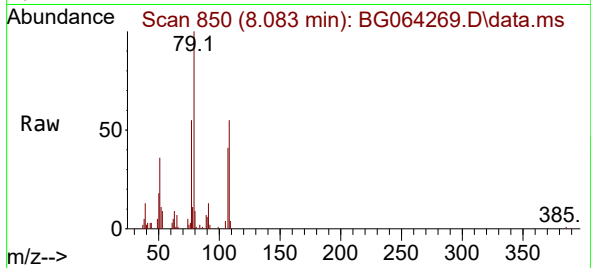
#15
Benzyl Alcohol
Concen: 9.146 ng
RT: 8.083 min Scan# 801
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 79 Resp: 2531
Ion Ratio Lower Upper
79 100
108 54.7 57.4 86.0
77 55.1 47.2 70.8

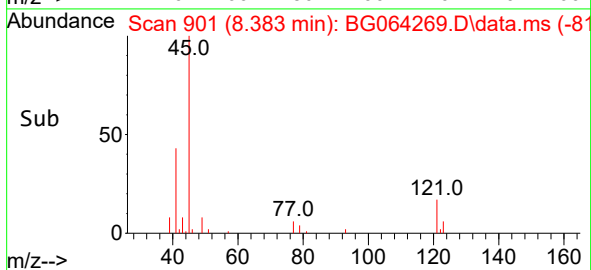
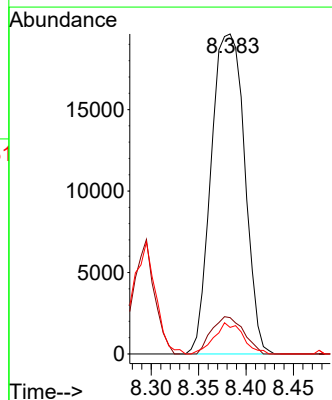
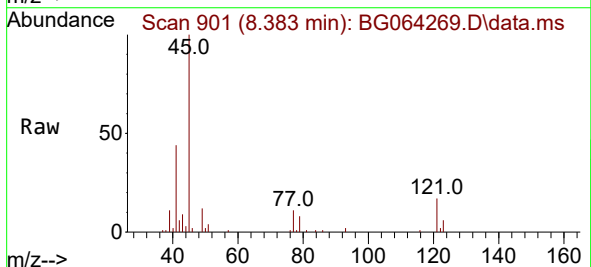
Manual Integrations
APPROVED

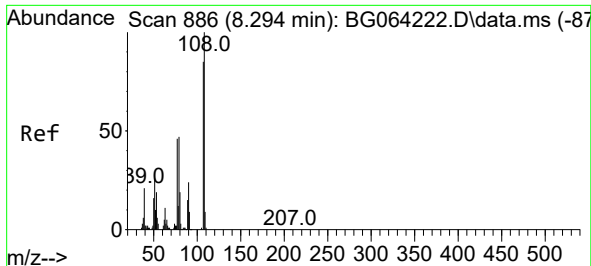
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.494 ng
RT: 8.383 min Scan# 901
Delta R.T. 0.007 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

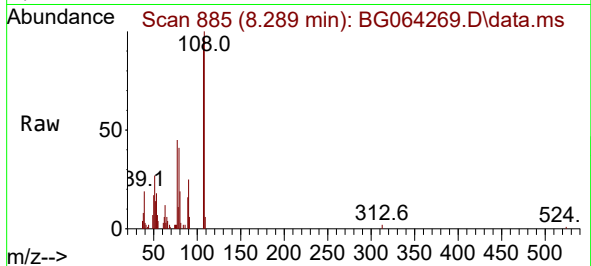
Tgt Ion: 45 Resp: 48187
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.0
79 8.3 0.0 27.9





#17
2-Methylphenol
Concen: 8.312 ng
RT: 8.289 min Scan# 885
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

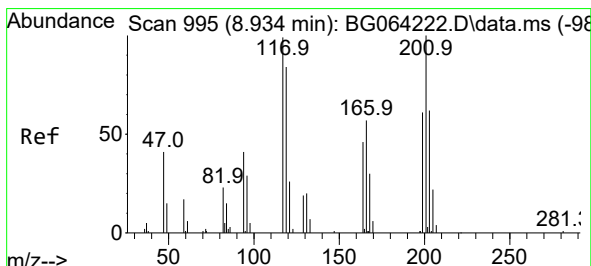
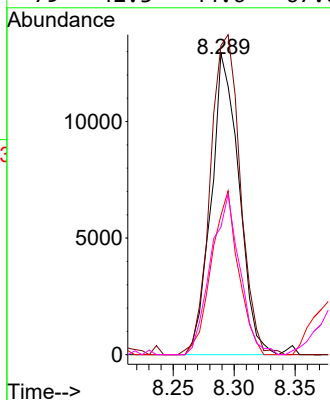
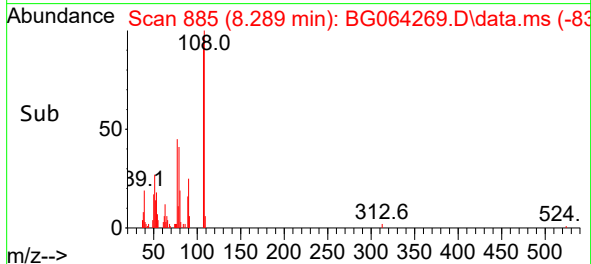
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	107	Resp:	2048
Ion Ratio	Lower	Upper	
107	100		
108	102.6	94.6	141.8
77	46.3	43.7	65.5
79	42.3	44.6	67.0

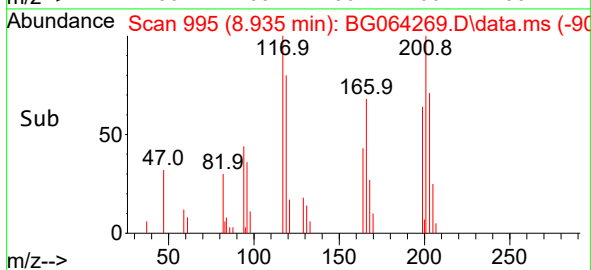
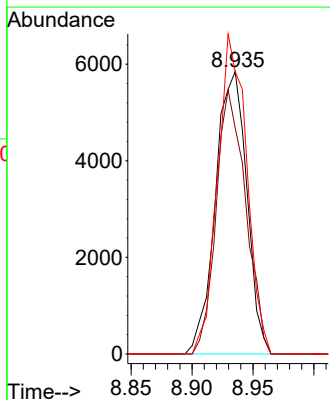
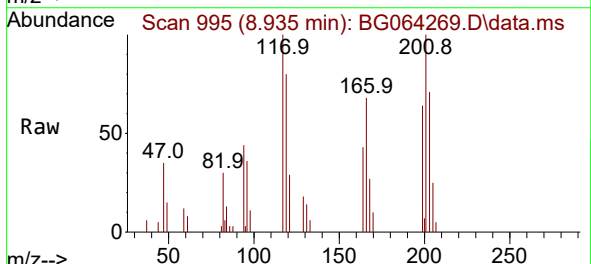
Manual Integrations
APPROVED

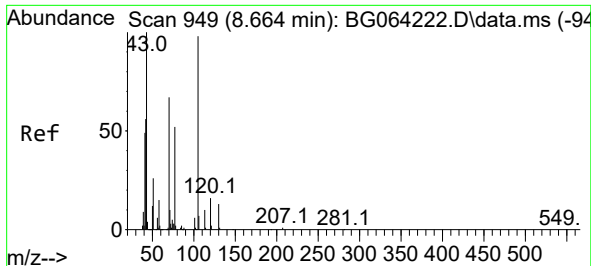
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#18
Hexachloroethane
Concen: 9.337 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.001 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

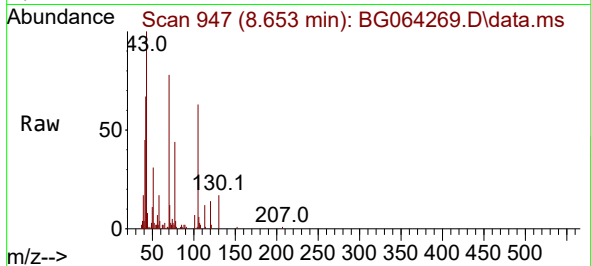
Tgt Ion:	117	Resp:	10439
Ion Ratio	Lower	Upper	
117	100		
119	80.1	67.9	101.9
201	100.1	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 9.241 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

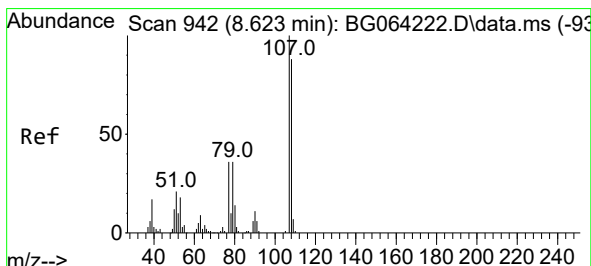
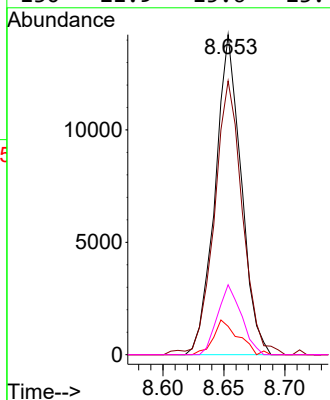
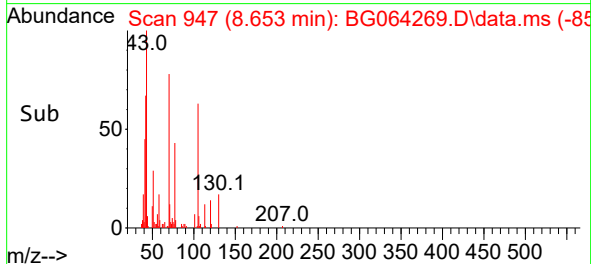
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 70 Resp: 2121
Ion Ratio Lower Upper
70 100
42 85.5 67.9 101.9
101 8.9 7.3 10.9
130 21.9 15.6 23.4

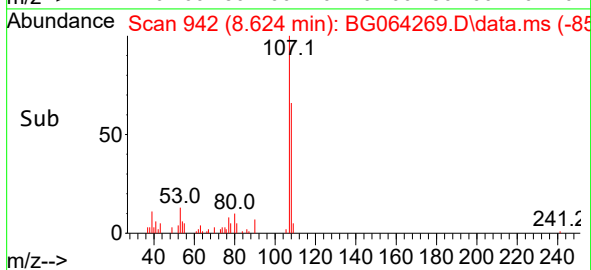
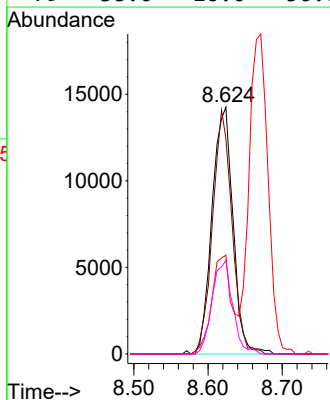
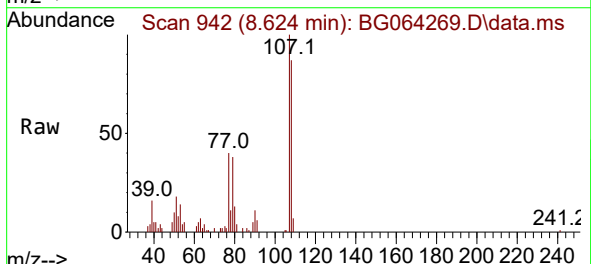
Manual Integrations
APPROVED

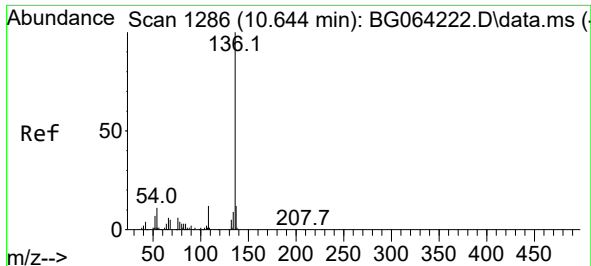
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#20
3+4-Methylphenols
Concen: 8.171 ng
RT: 8.624 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

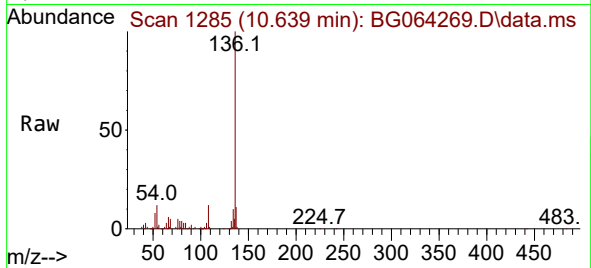
Tgt Ion:107 Resp: 27979
Ion Ratio Lower Upper
107 100
108 87.4 68.1 108.1
77 40.0 15.9 55.9
79 38.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1285
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

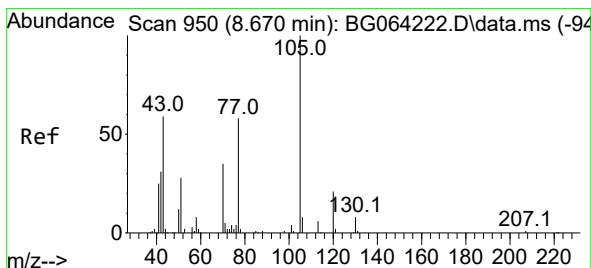
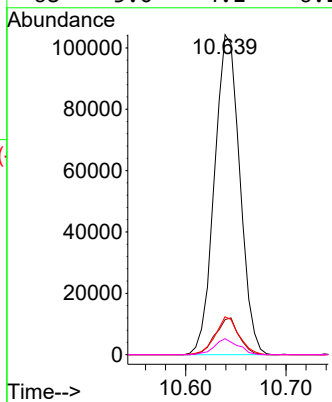
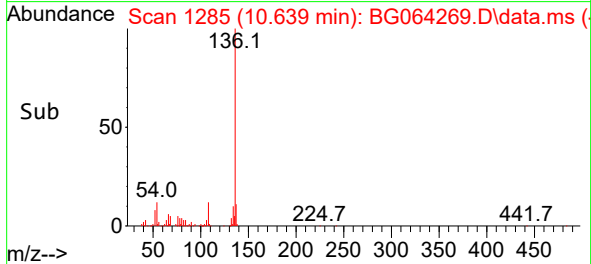
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	136	Resp:	18291
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.6	14.4
54	11.9	8.8	13.2
68	5.0	4.1	6.1

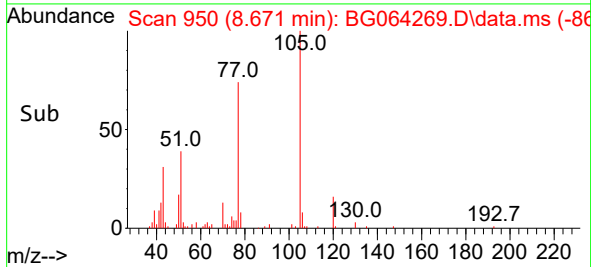
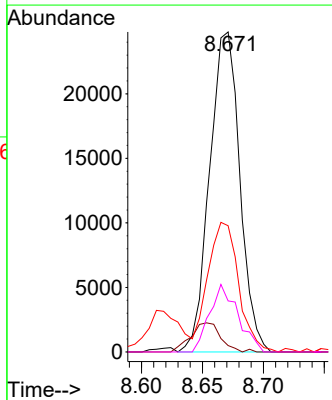
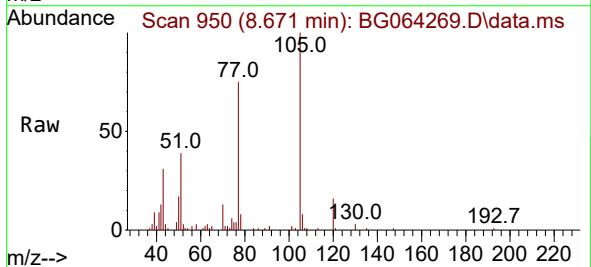
Manual Integrations
APPROVED

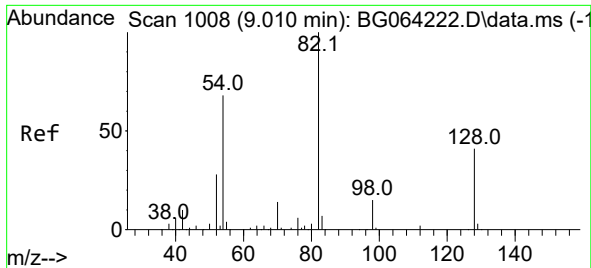
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#22
Acetophenone
Concen: 9.240 ng
RT: 8.671 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:	105	Resp:	42759
Ion Ratio	Lower	Upper	
105	100		
71	2.0	4.3	6.5#
51	39.5	32.4	48.6
120	16.0	16.8	25.2#





#23

Nitrobenzene-d5

Concen: 105.732 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 82 Resp: 346779

Ion Ratio Lower Upper

82 100

128 40.9 32.6 48.8

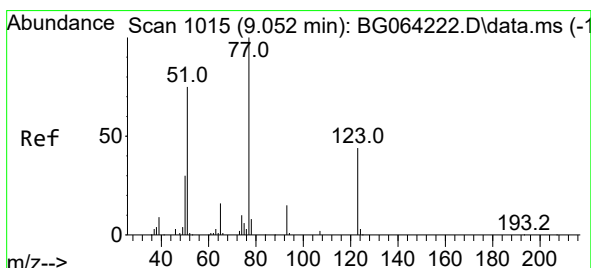
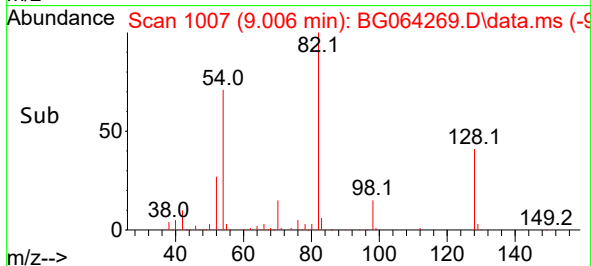
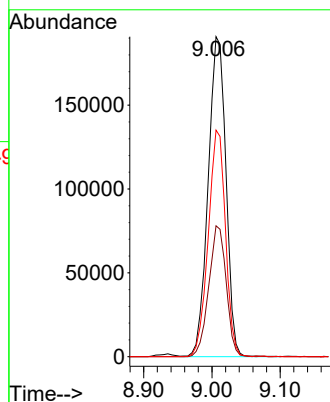
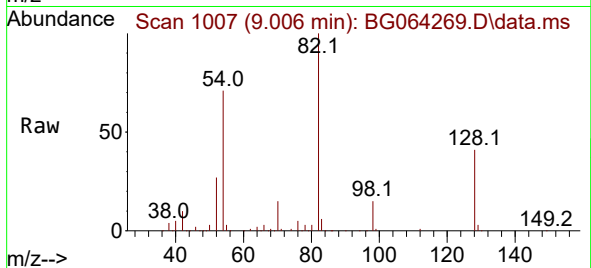
54 70.8 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#24

Nitrobenzene

Concen: 9.103 ng

RT: 9.053 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

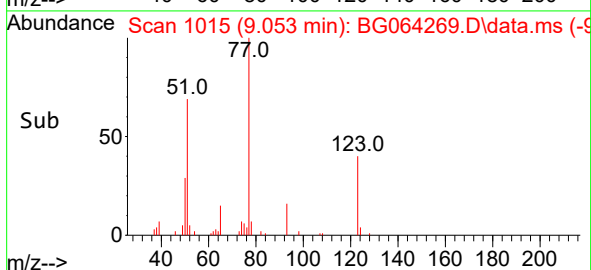
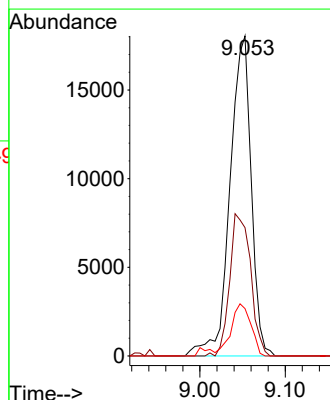
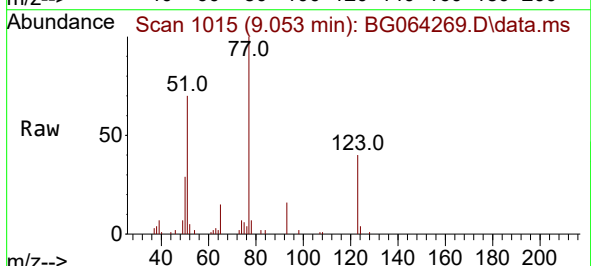
Tgt Ion: 77 Resp: 31195

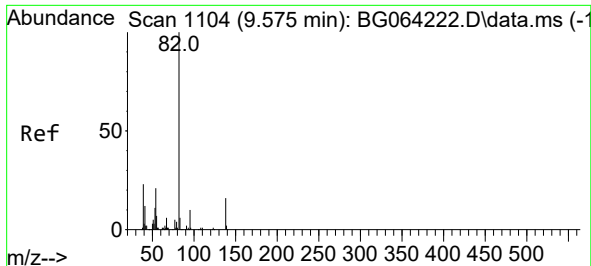
Ion Ratio Lower Upper

77 100

123 40.1 35.2 52.8

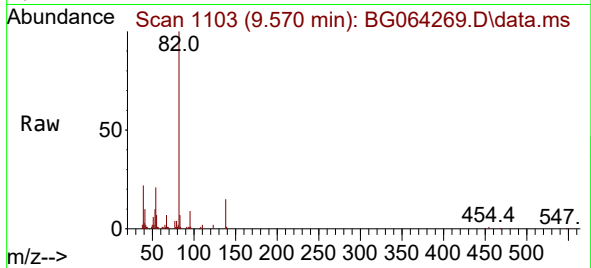
65 14.8 12.6 19.0





#25
Isophorone
Concen: 8.896 ng
RT: 9.570 min Scan# 1104
Delta R.T. -0.017 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

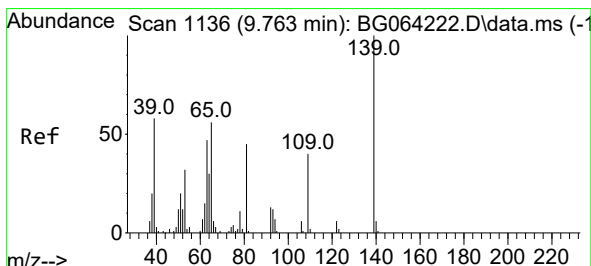
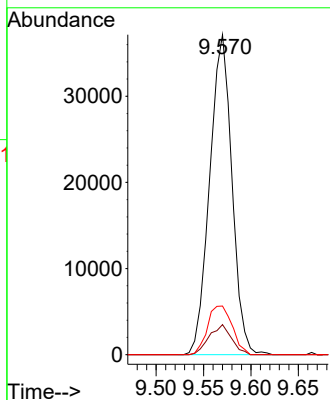
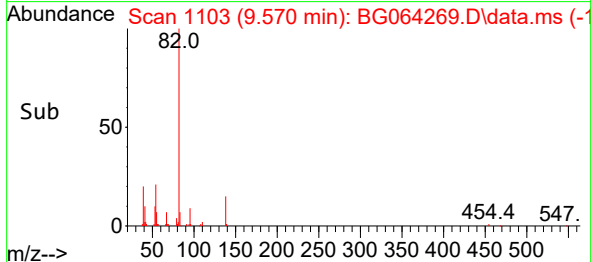
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 82 Resp: 60630
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 15.2 13.0 19.4

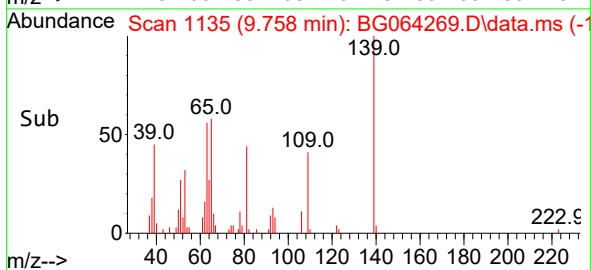
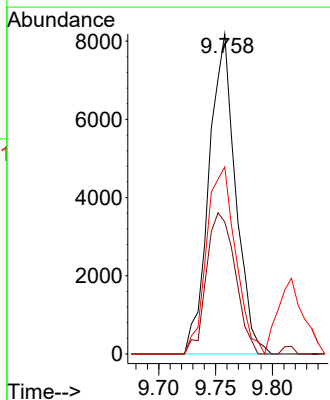
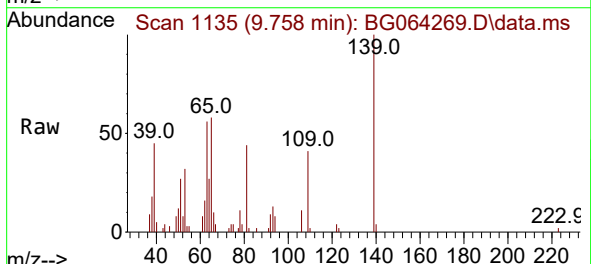
Manual Integrations
APPROVED

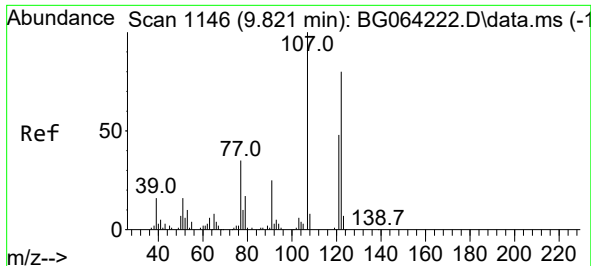
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#26
2-Nitrophenol
Concen: 9.006 ng
RT: 9.758 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

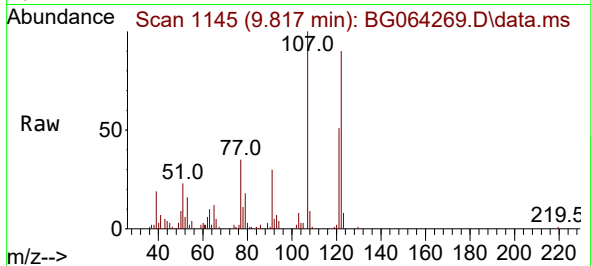
Tgt Ion:139 Resp: 13335
Ion Ratio Lower Upper
139 100
109 41.3 32.4 48.6
65 58.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 9.016 ng
RT: 9.817 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

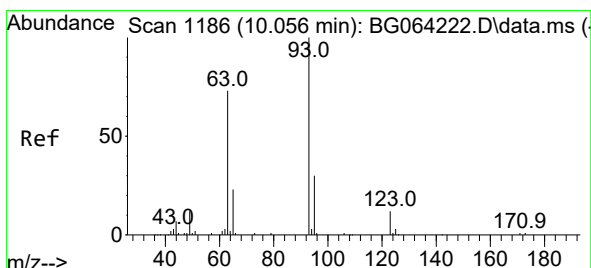
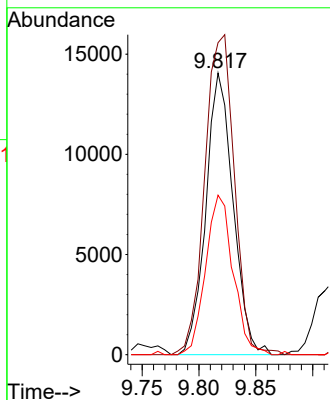
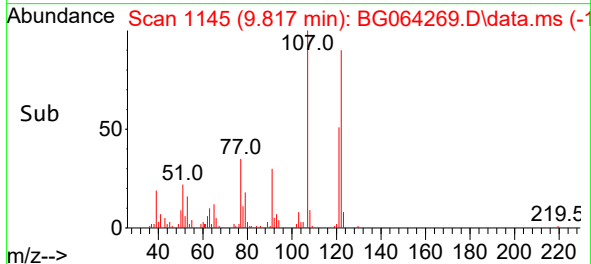
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:122 Resp: 2343
Ion Ratio Lower Upper
122 100
107 110.8 99.9 149.9
121 56.7 48.6 72.8

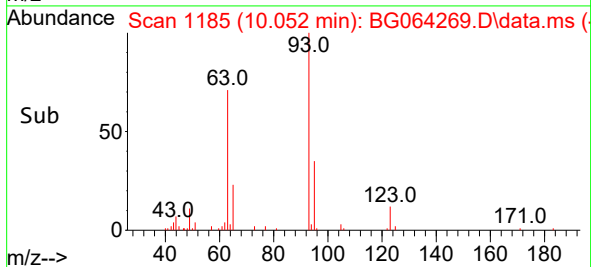
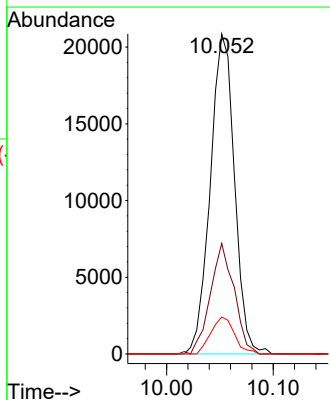
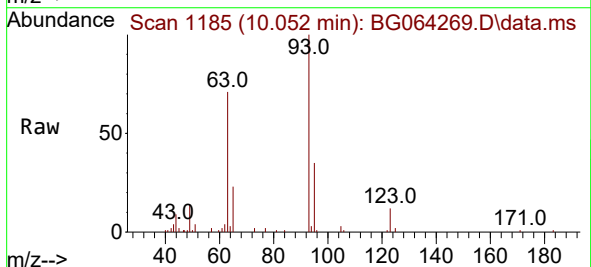
Manual Integrations
APPROVED

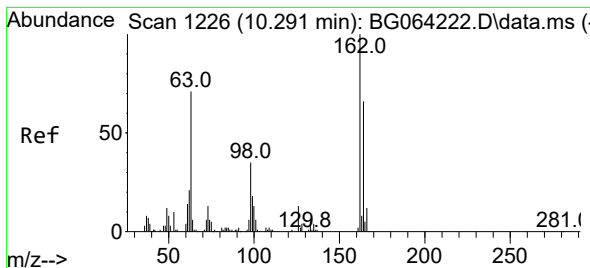
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 8.945 ng
RT: 10.052 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

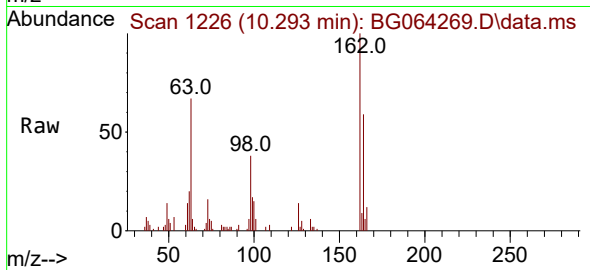
Tgt Ion: 93 Resp: 32878
Ion Ratio Lower Upper
93 100
95 34.5 23.9 35.9
123 11.6 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 8.757 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

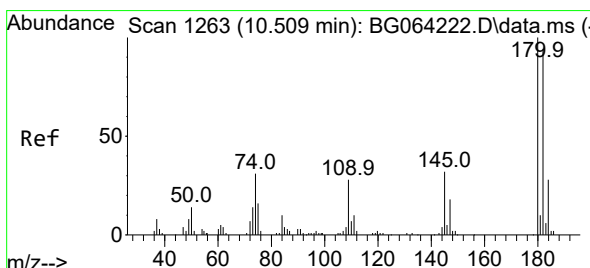
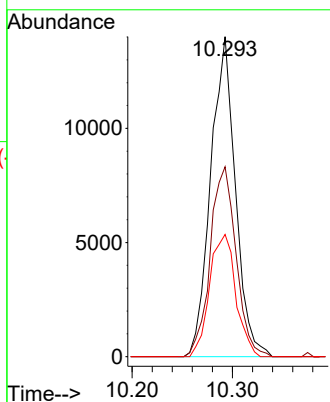
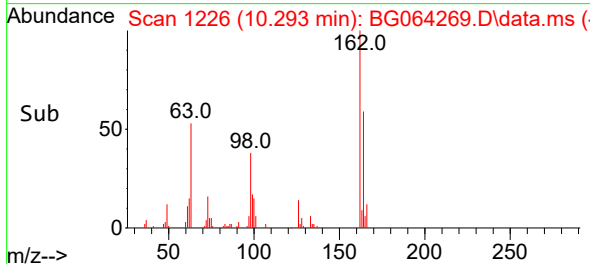
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



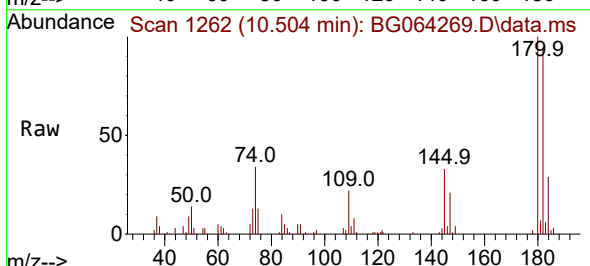
Tgt Ion:162 Resp: 2402
Ion Ratio Lower Upper
162 100
164 59.4 45.8 85.8
98 38.2 15.2 55.2

Manual Integrations
APPROVED

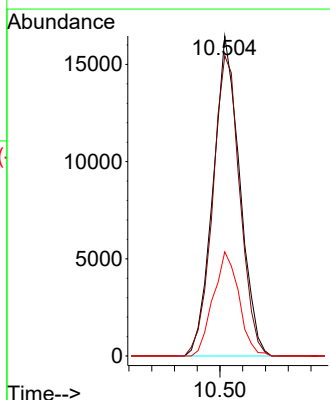
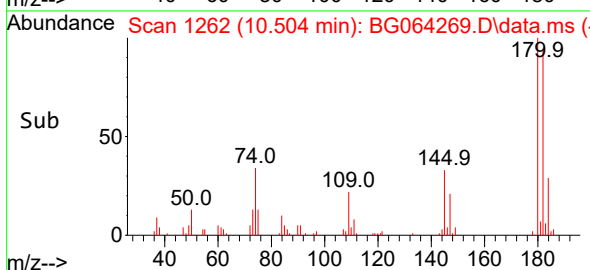
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

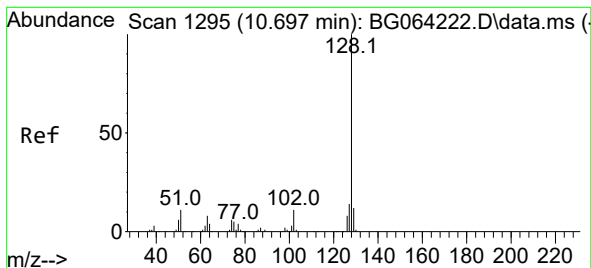


#30
1,2,4-Trichlorobenzene
Concen: 9.260 ng
RT: 10.504 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



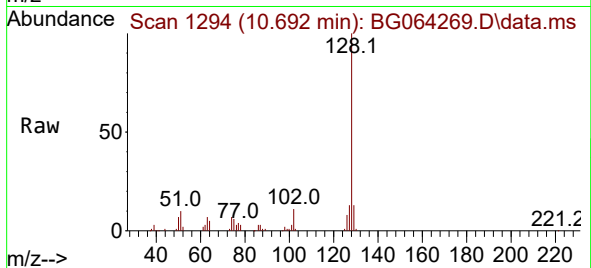
Tgt Ion:180 Resp: 26782
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
145 32.5 25.4 38.0





#31
Naphthalene
Concen: 8.732 ng
RT: 10.692 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

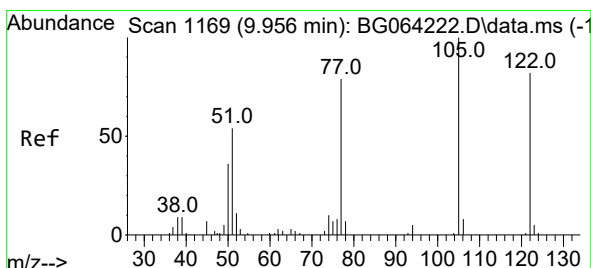
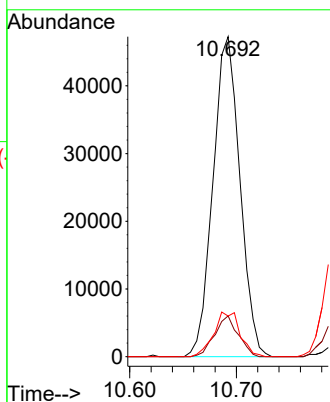
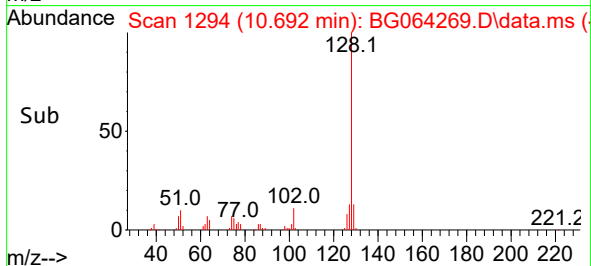
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



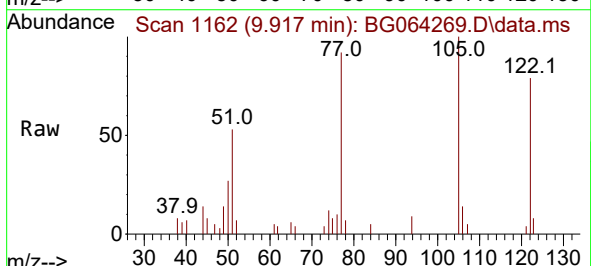
Tgt Ion:128 Resp: 82820
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.2
127 12.7 10.9 16.3

Manual Integrations
APPROVED

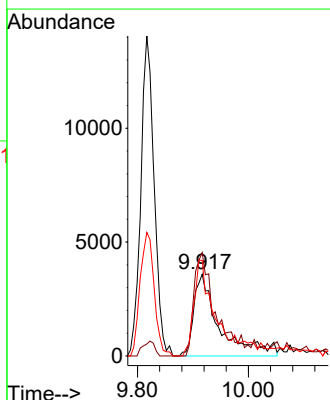
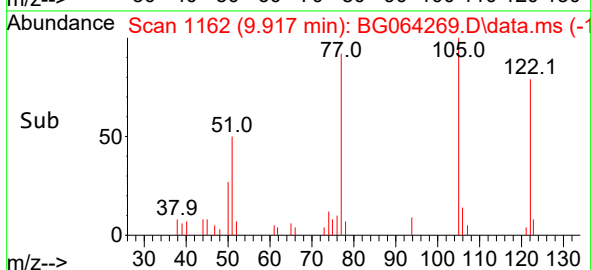
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

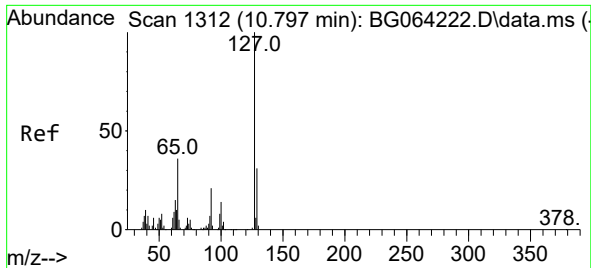


#32
Benzoic acid
Concen: 5.561 ng m
RT: 9.917 min Scan# 1162
Delta R.T. -0.099 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



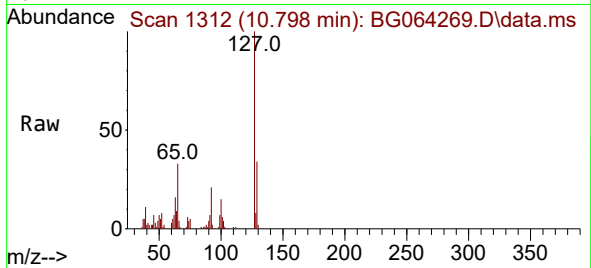
Tgt Ion:122 Resp: 11475
Ion Ratio Lower Upper
122 100
105 126.4 98.5 138.5
77 116.8 74.6 114.6#





#33
4-Chloroaniline
Concen: 9.589 ng
RT: 10.798 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

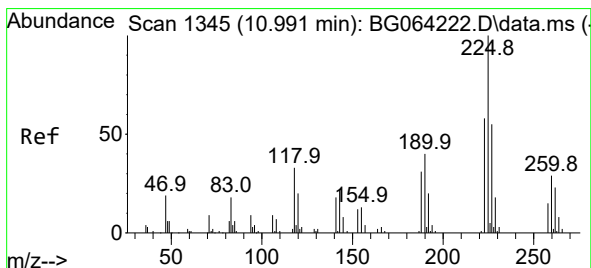
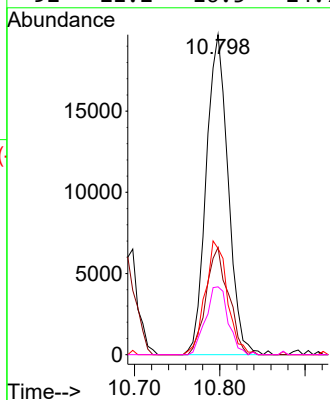
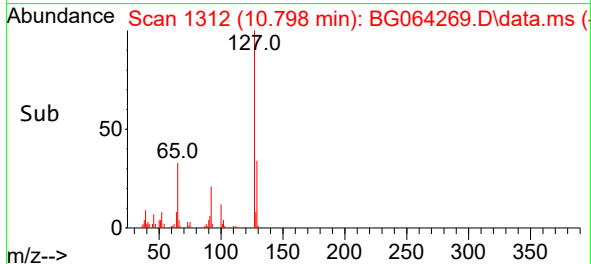
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



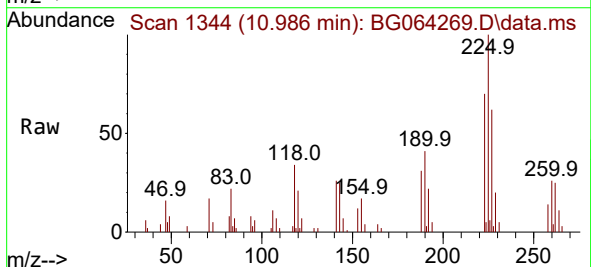
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.0	37.4
65	33.2	28.7	43.1
92	21.2	16.5	24.7

Manual Integrations
APPROVED

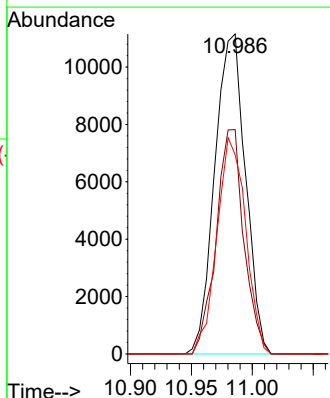
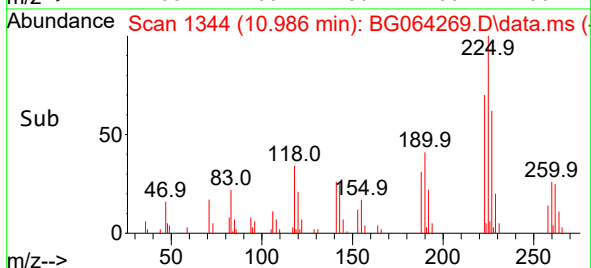
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

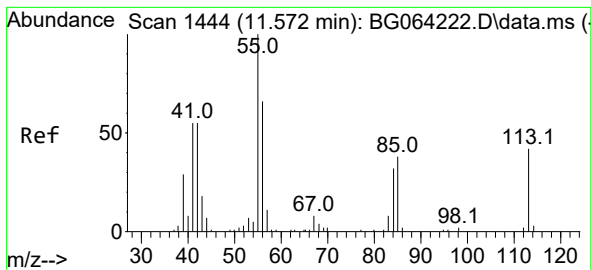


#34
Hexachlorobutadiene
Concen: 9.150 ng
RT: 10.986 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



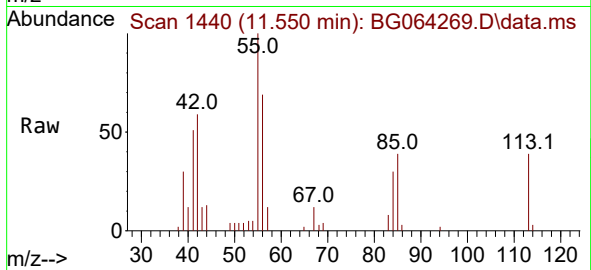
Tgt Ion	Ratio	Lower	Upper
225	100		
223	74.7	46.5	69.7#
227	65.2	44.1	66.1





#35
Caprolactam
Concen: 6.709 ng
RT: 11.550 min Scan# 14
Delta R.T. -0.052 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

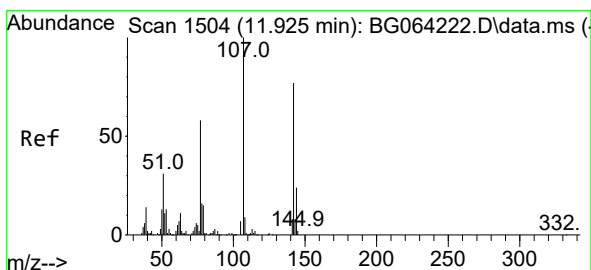
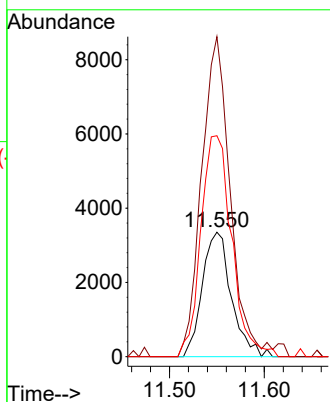
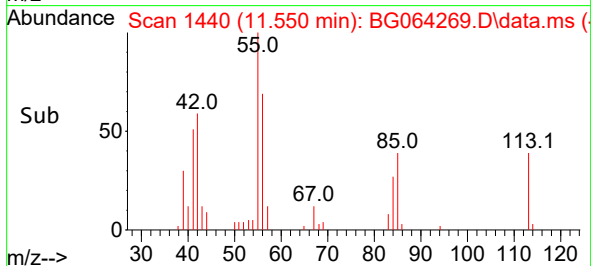
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



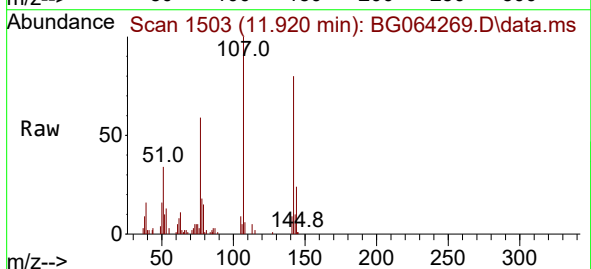
Tgt Ion:113 Resp: 7120
Ion Ratio Lower Upper
113 100
55 257.1 218.5 258.5
56 177.5 138.5 178.5

Manual Integrations
APPROVED

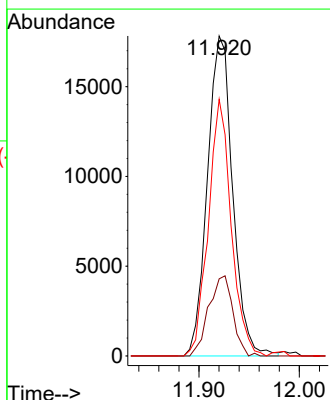
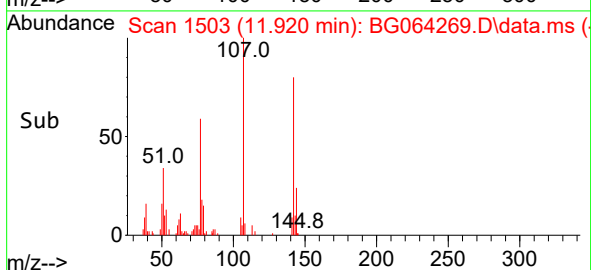
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

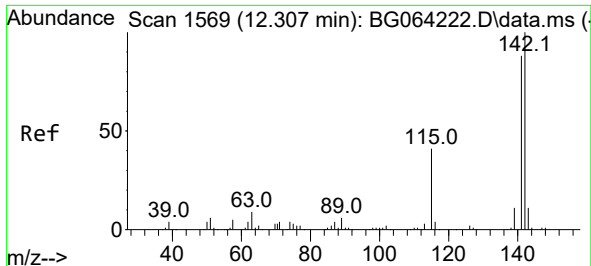


#36
4-Chloro-3-methylphenol
Concen: 8.759 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



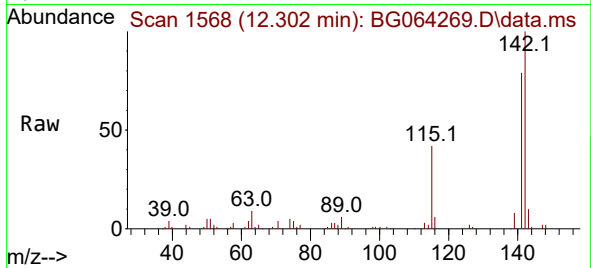
Tgt Ion:107 Resp: 31172
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 80.2 62.0 93.0





#37
2-Methylnaphthalene
Concen: 8.205 ng
RT: 12.302 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

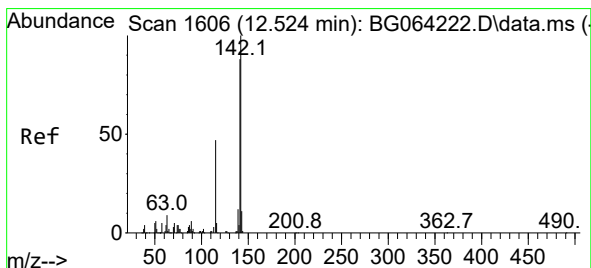
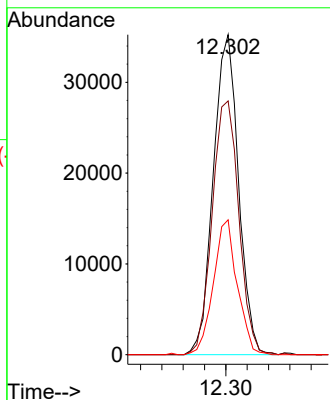
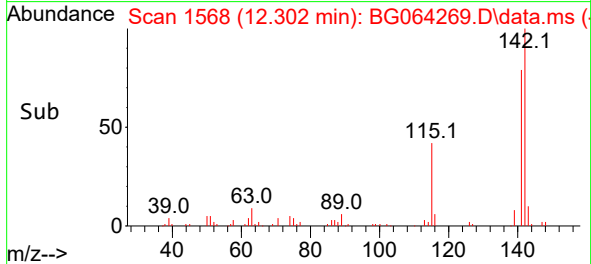
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:142 Resp: 57840
Ion Ratio Lower Upper
142 100
141 79.3 70.1 105.1
115 42.2 33.1 49.7

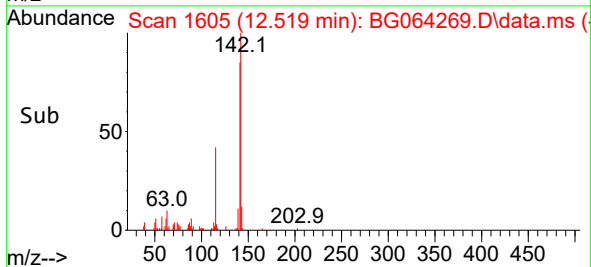
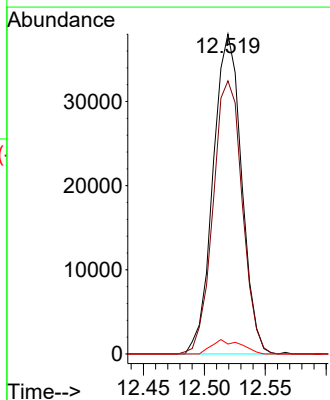
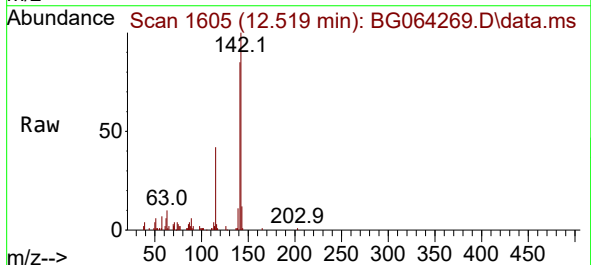
Manual Integrations
APPROVED

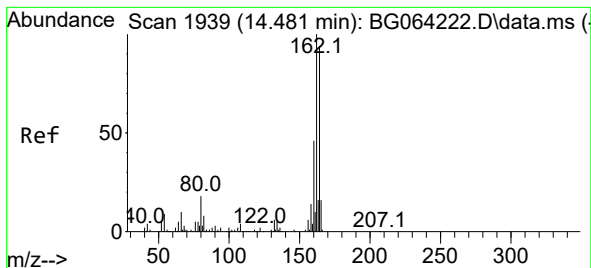
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#38
1-Methylnaphthalene
Concen: 8.875 ng
RT: 12.519 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:142 Resp: 61805
Ion Ratio Lower Upper
142 100
141 85.4 70.3 105.5
116 3.1 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.476 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BG064269.D

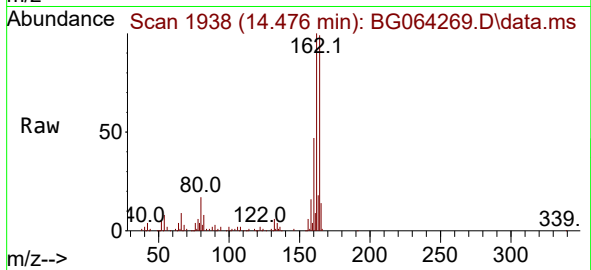
Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:164 Resp: 136089

Ion Ratio Lower Upper

164 100

162 101.4 85.4 128.0

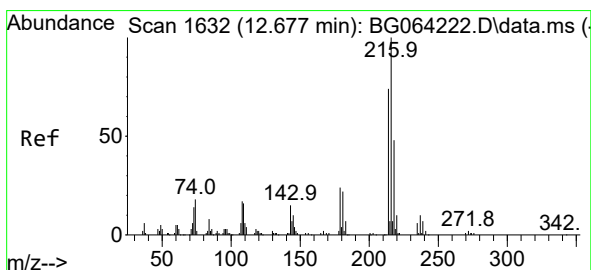
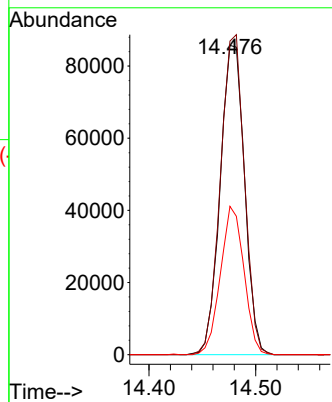
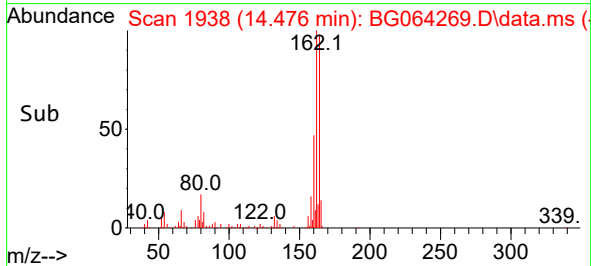
160 48.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.864 ng

RT: 12.672 min Scan# 1631

Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Tgt Ion:216 Resp: 34806

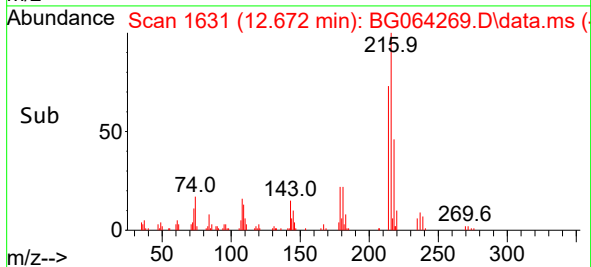
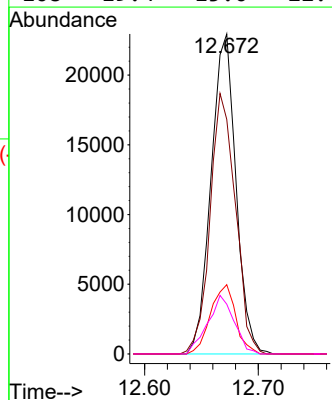
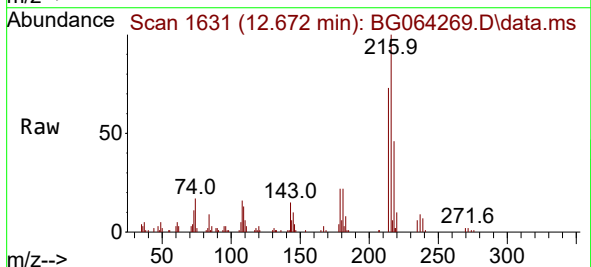
Ion Ratio Lower Upper

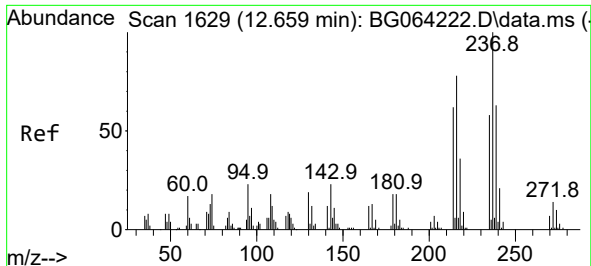
216 100

214 82.9 61.9 92.9

179 21.9 17.9 26.9

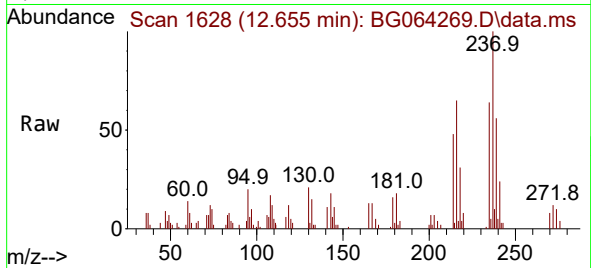
108 19.4 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 9.866 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

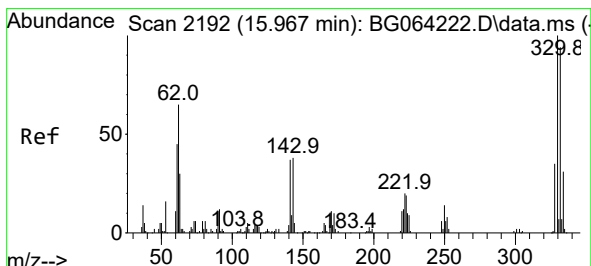
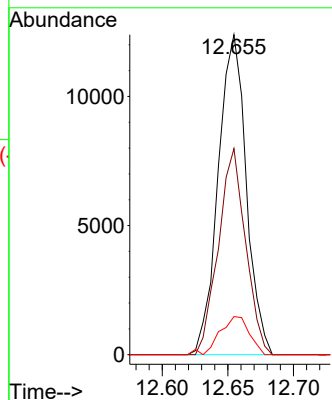
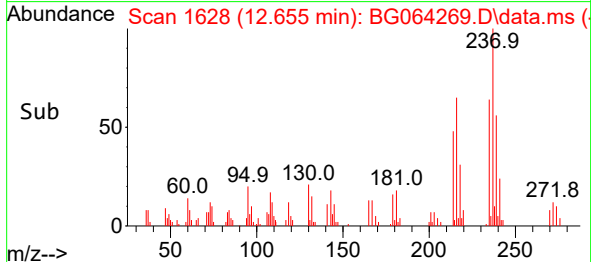
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



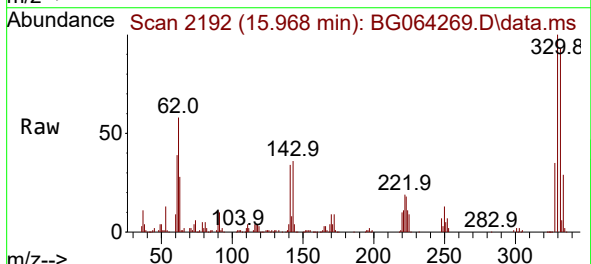
Tgt Ion: 237 Resp: 1841
Ion Ratio Lower Upper
237 100
235 64.4 37.9 77.9
272 11.9 0.0 33.8

Manual Integrations
APPROVED

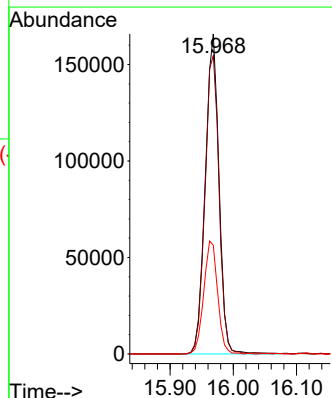
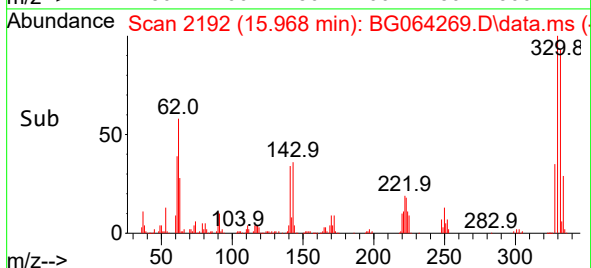
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

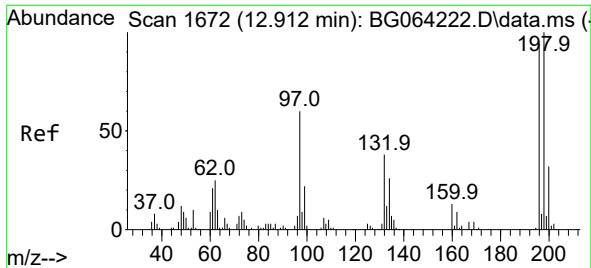


#42
2,4,6-Tribromophenol
Concen: 138.813 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



Tgt Ion: 330 Resp: 250219
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 35.7 29.8 44.6





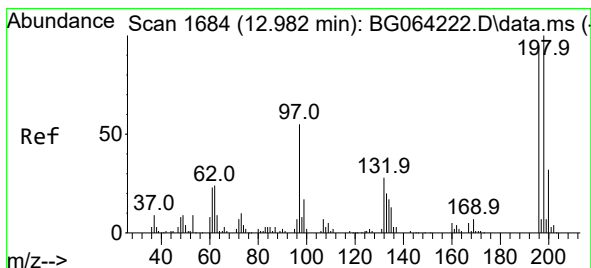
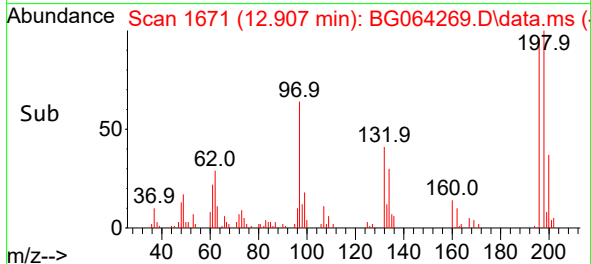
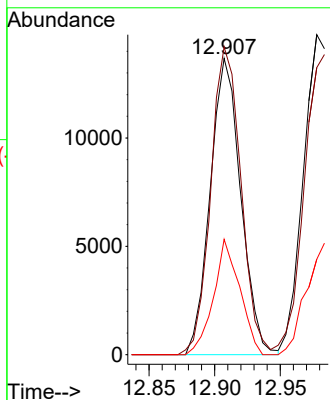
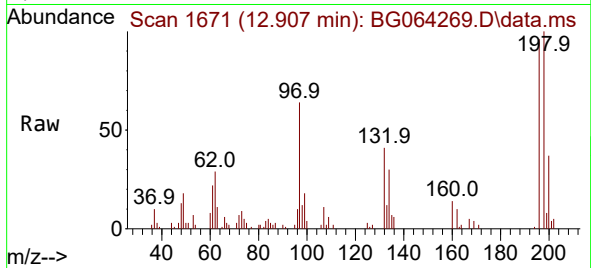
#43
 2,4,6-Trichlorophenol
 Concen: 8.447 ng
 RT: 12.907 min Scan# 1671
 Delta R.T. -0.005 min
 Lab File: BG064269.D
 Acq: 4 Sep 2025 2:02

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:196 Resp: 22170
 Ion Ratio Lower Upper
 196 100
 198 103.9 85.4 128.2
 200 38.9 27.3 40.9

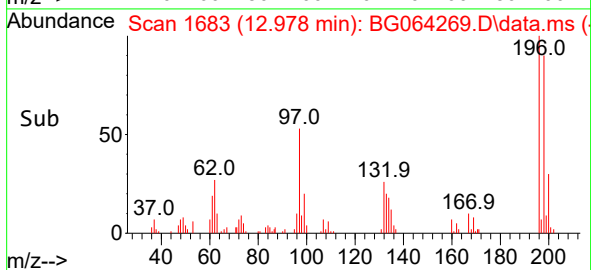
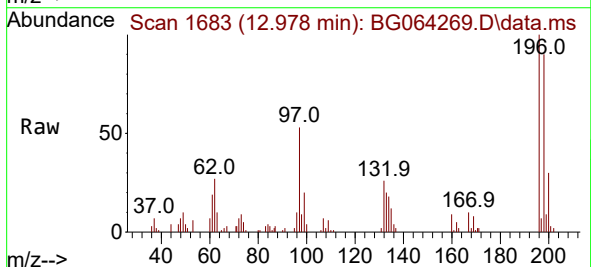
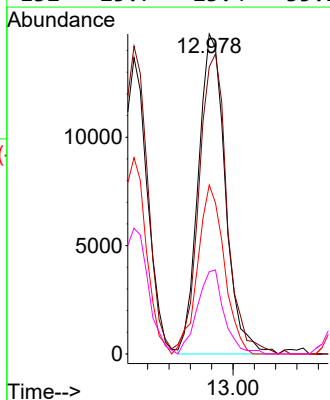
Manual Integrations
 APPROVED

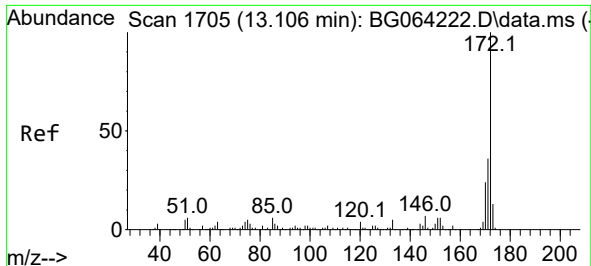
Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025



#44
 2,4,5-Trichlorophenol
 Concen: 9.142 ng
 RT: 12.978 min Scan# 1683
 Delta R.T. -0.011 min
 Lab File: BG064269.D
 Acq: 4 Sep 2025 2:02

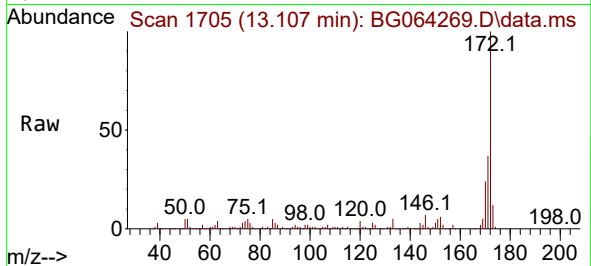
Tgt Ion:196 Resp: 26028
 Ion Ratio Lower Upper
 196 100
 198 89.7 84.5 126.7
 97 52.8 46.8 70.2
 132 25.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 97.387 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

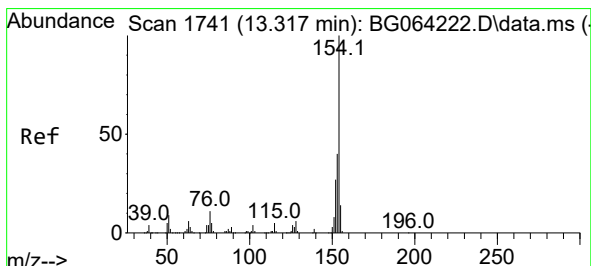
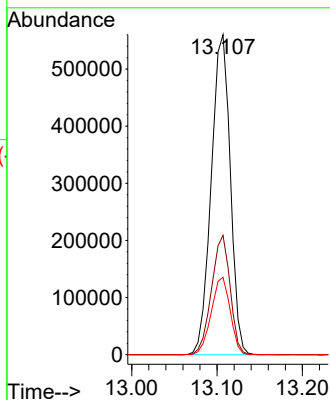
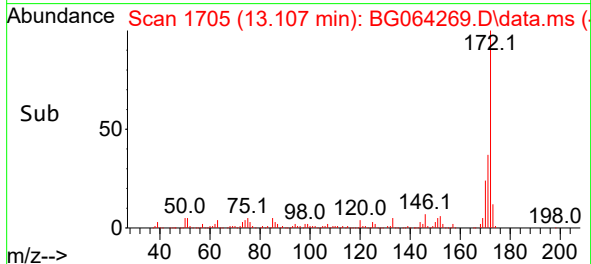
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



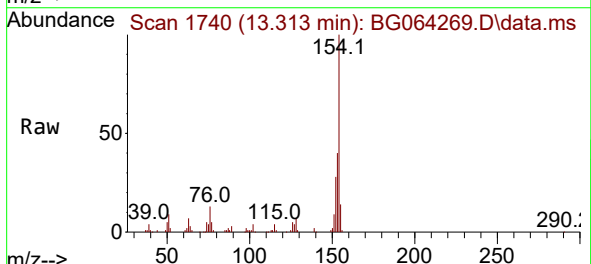
Tgt Ion:172 Resp: 86829
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 24.2 19.0 28.6

Manual Integrations
APPROVED

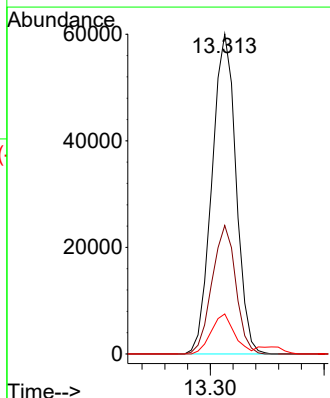
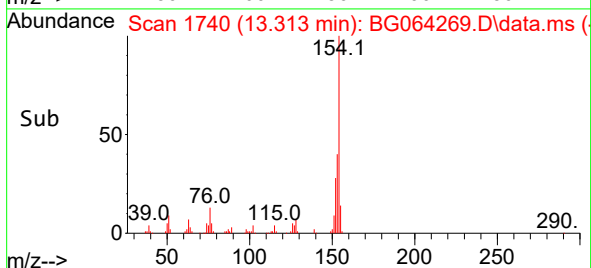
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

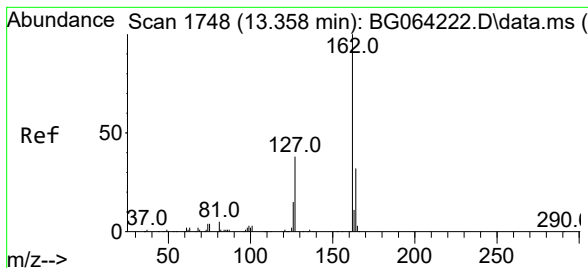


#46
1,1'-Biphenyl
Concen: 8.889 ng
RT: 13.313 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



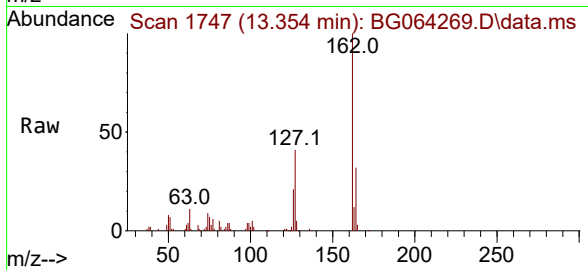
Tgt Ion:154 Resp: 88110
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 12.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 8.710 ng
RT: 13.354 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

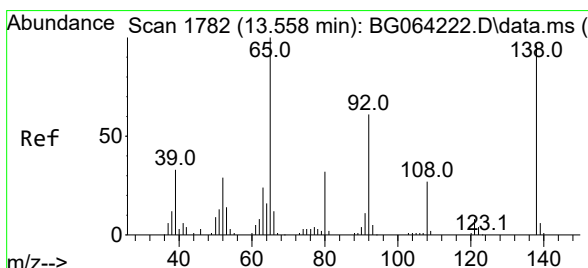
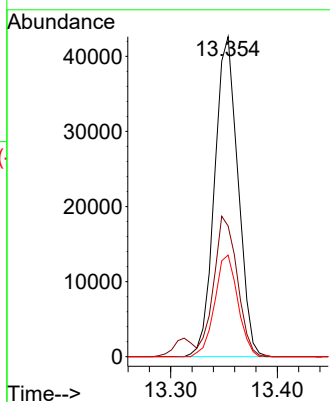
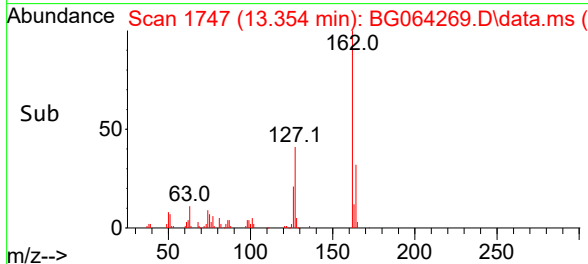
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:162 Resp: 6490
Ion Ratio Lower Upper
162 100
127 40.9 33.9 50.9
164 31.8 25.4 38.2

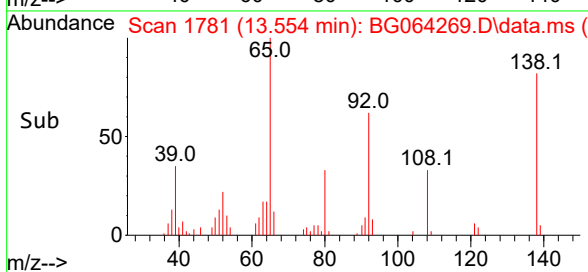
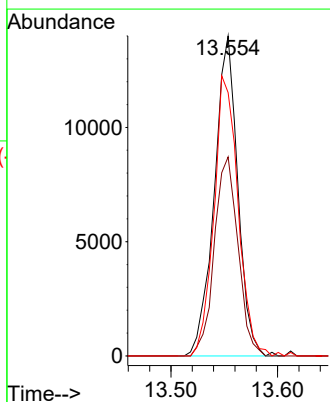
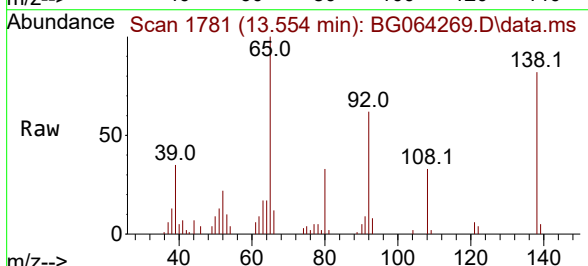
Manual Integrations
APPROVED

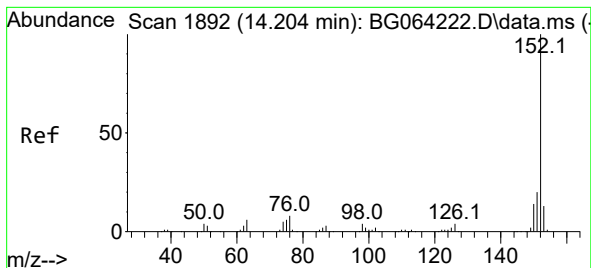
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#48
2-Nitroaniline
Concen: 8.425 ng
RT: 13.554 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion: 65 Resp: 21399
Ion Ratio Lower Upper
65 100
92 62.2 49.2 73.8
138 82.3 76.8 115.2





#49

Acenaphthylene

Concen: 9.812 ng

RT: 14.200 min Scan# 1891

Delta R.T. -0.005 min

Lab File: BG064269.D

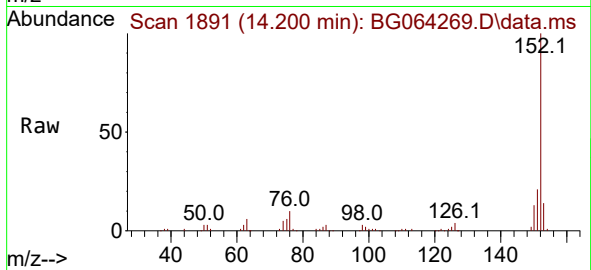
Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:152 Resp: 108079

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

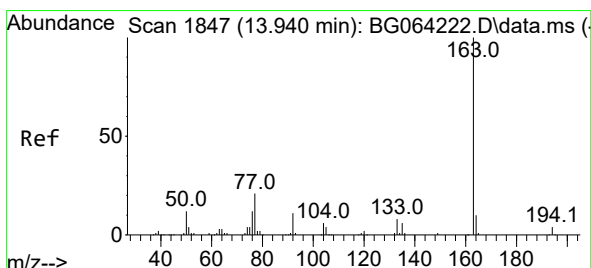
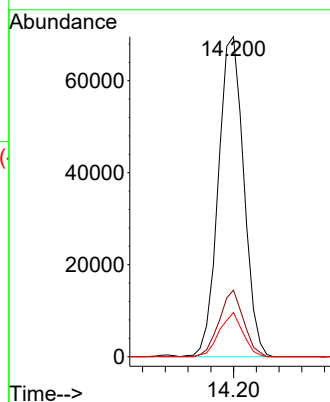
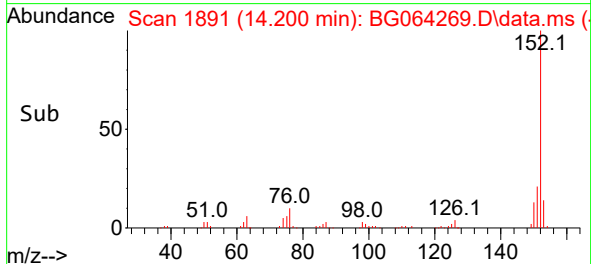
153 13.8 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#50

Dimethylphthalate

Concen: 8.374 ng

RT: 13.935 min Scan# 1846

Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

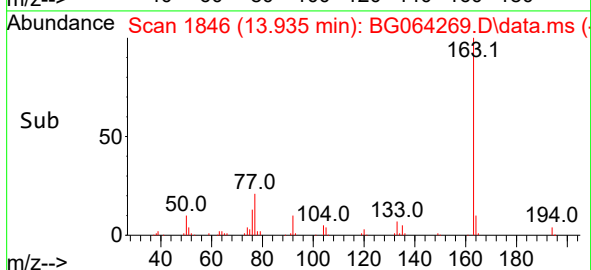
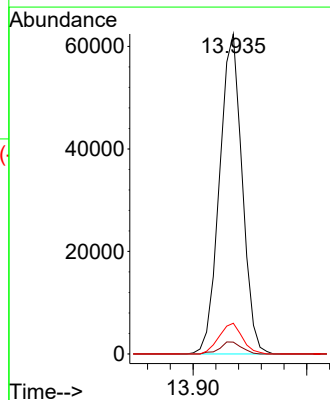
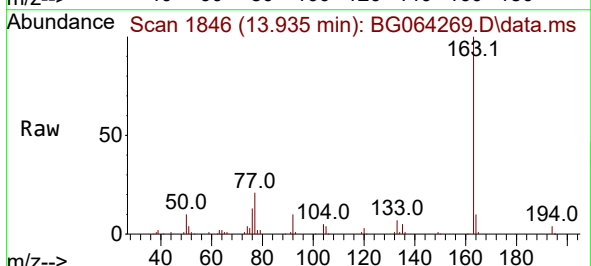
Tgt Ion:163 Resp: 86258

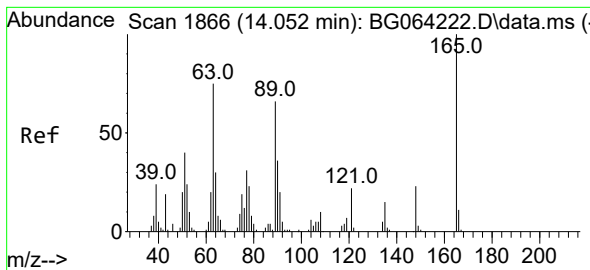
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.6 7.9 11.9





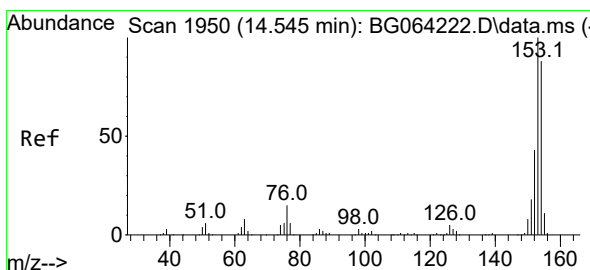
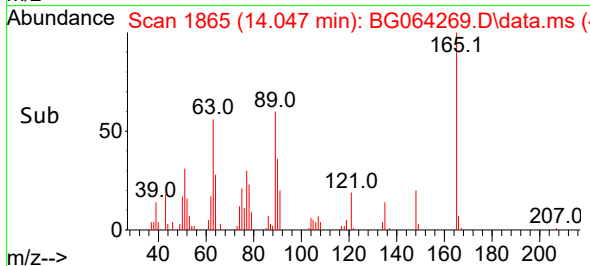
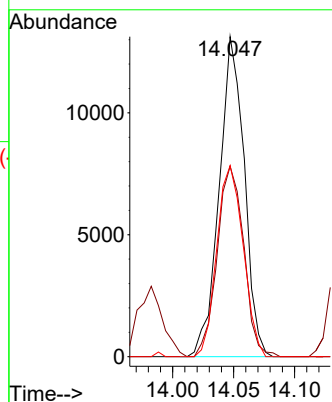
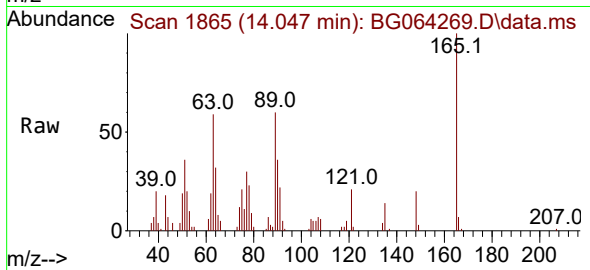
#51
2,6-Dinitrotoluene
Concen: 9.428 ng
RT: 14.047 min Scan# 1866
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:165 Resp: 1880
Ion Ratio Lower Upper
165 100
63 59.5 60.3 90.5
89 59.7 52.9 79.3

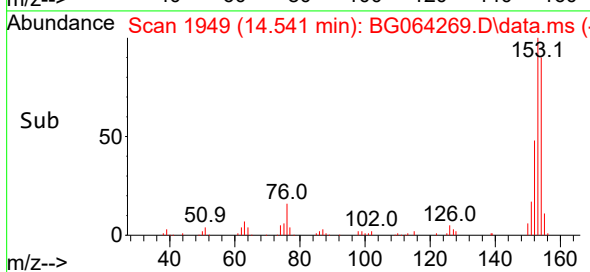
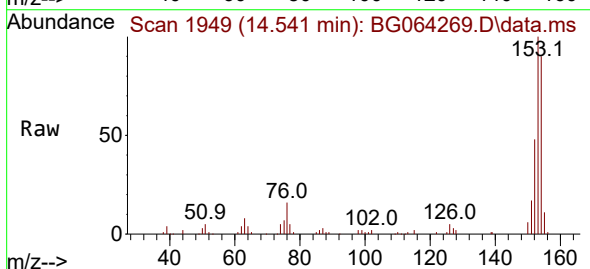
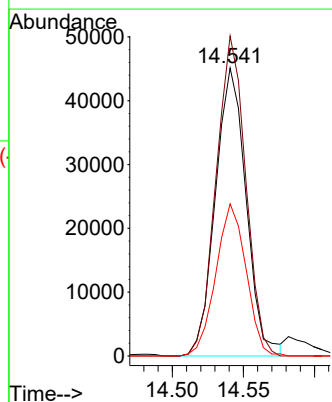
Manual Integrations
APPROVED

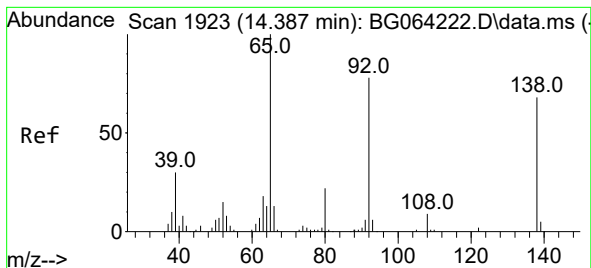
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#52
Acenaphthene
Concen: 8.731 ng
RT: 14.541 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

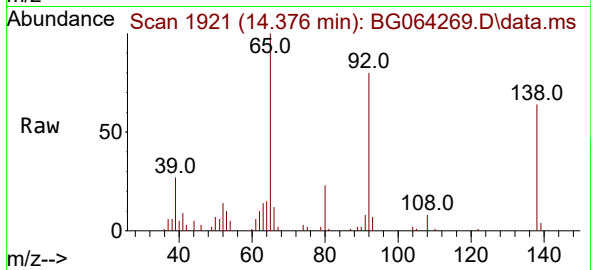
Tgt Ion:154 Resp: 67870
Ion Ratio Lower Upper
154 100
153 111.1 91.1 136.7
152 52.9 39.6 59.4





#53
3-Nitroaniline
Concen: 7.927 ng
RT: 14.376 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

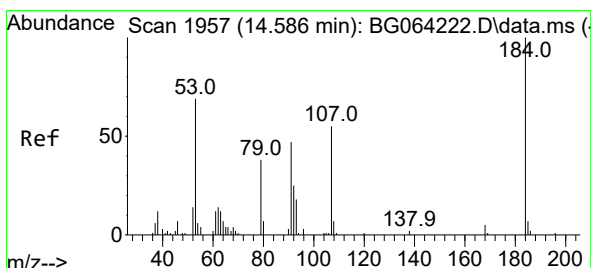
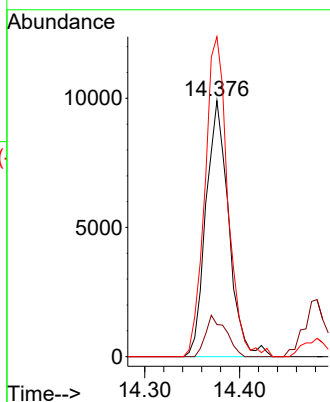
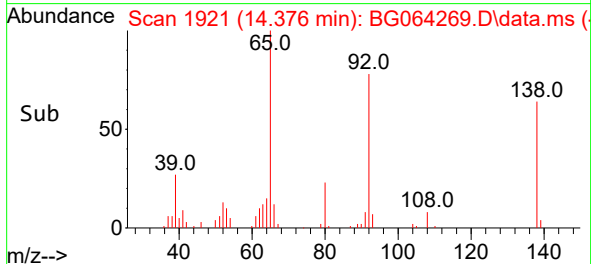
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



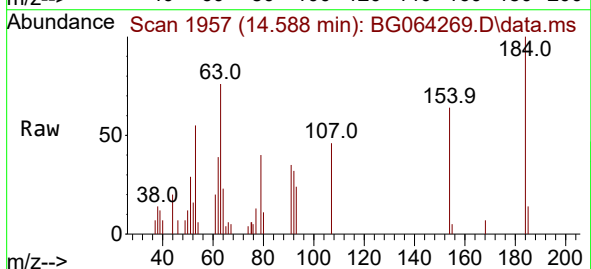
Tgt Ion:138 Resp: 1655
Ion Ratio Lower Upper
138 100
108 12.6 11.0 16.6
92 125.0 91.4 137.0

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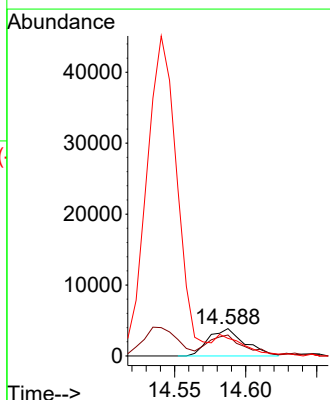
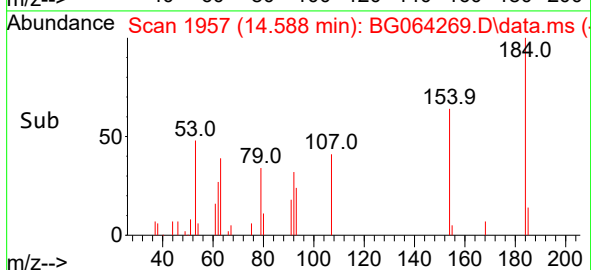
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

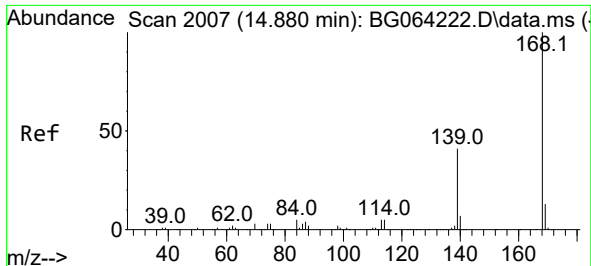


#54
2,4-Dinitrophenol
Concen: 10.510 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



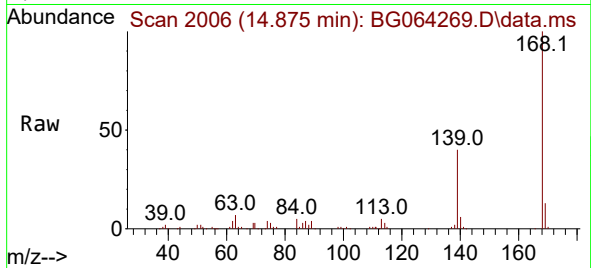
Tgt Ion:184 Resp: 6812
Ion Ratio Lower Upper
184 100
63 76.4 60.1 90.1
154 64.3 59.8 89.8





#55
Dibenzenofuran
Concen: 8.673 ng
RT: 14.875 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

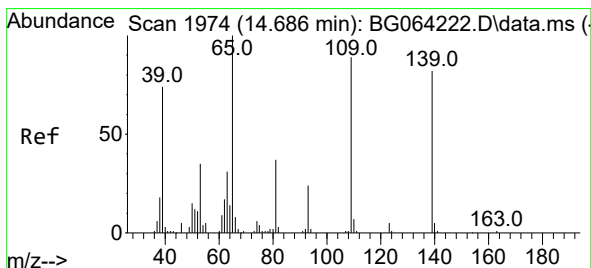
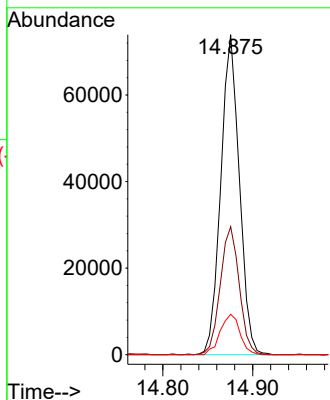
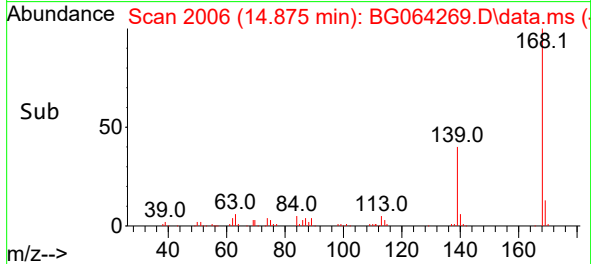
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 106050
Ion Ratio Lower Upper
168 100
139 40.0 33.2 49.8
169 12.6 10.4 15.6

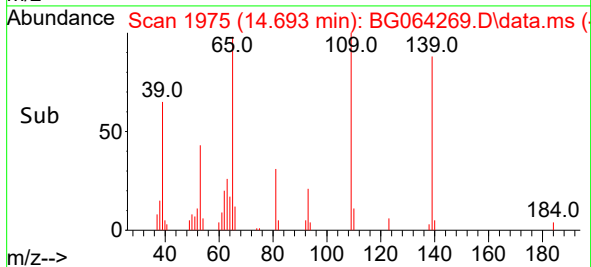
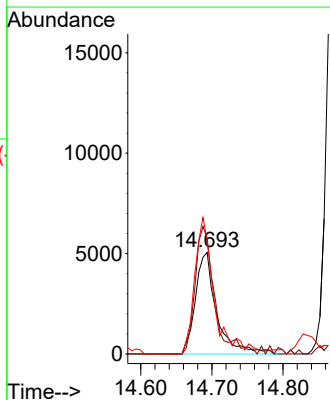
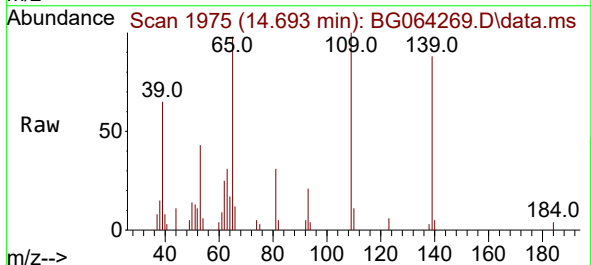
Manual Integrations
APPROVED

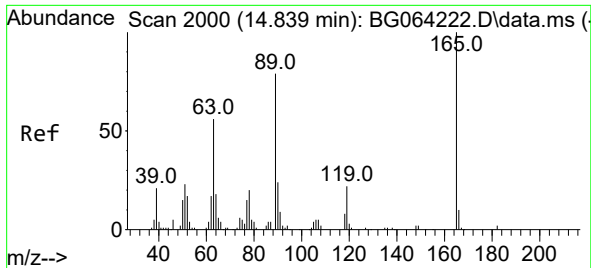
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#56
4-Nitrophenol
Concen: 6.111 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

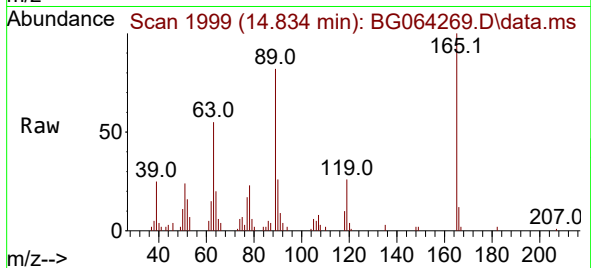
Tgt Ion:139 Resp: 10472
Ion Ratio Lower Upper
139 100
109 113.8 89.1 129.1
65 111.1 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 8.123 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

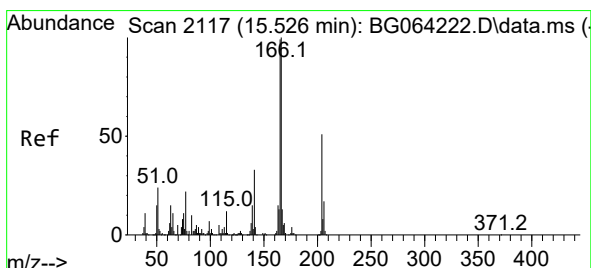
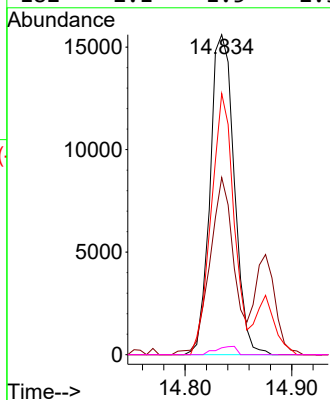
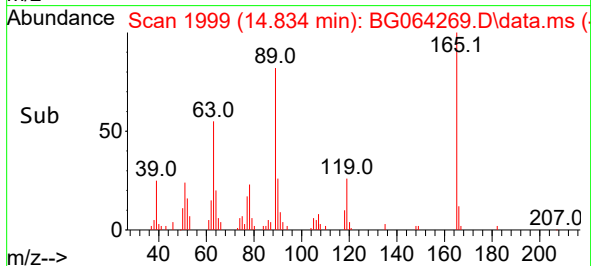
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:165 Resp: 2449
Ion Ratio Lower Upper
165 100
63 55.4 44.6 67.0
89 81.6 63.0 94.4
182 2.1 1.5 2.3

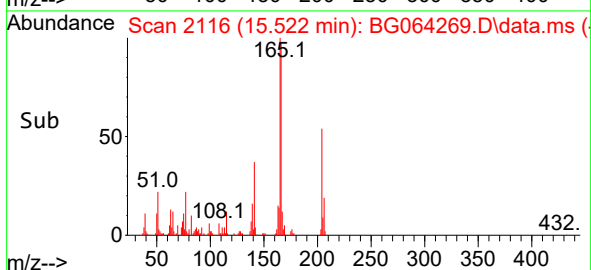
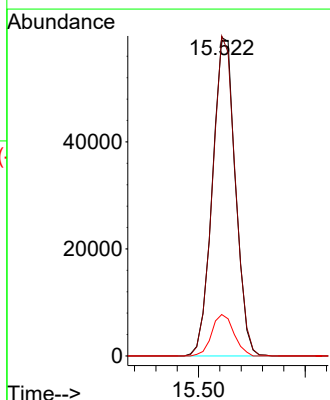
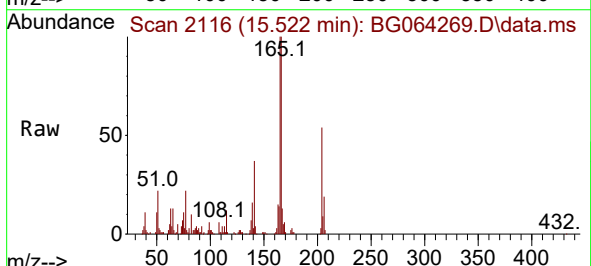
Manual Integrations
APPROVED

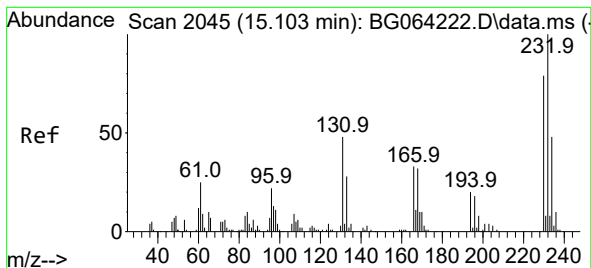
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#58
Fluorene
Concen: 8.873 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

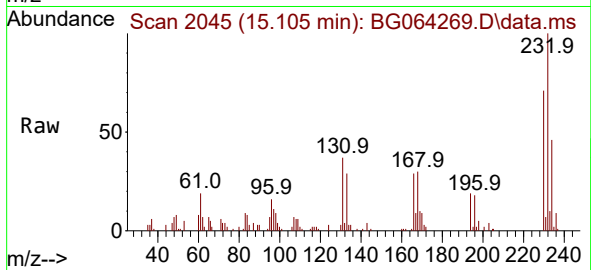
Tgt Ion:166 Resp: 88929
Ion Ratio Lower Upper
166 100
165 100.4 79.1 118.7
167 13.0 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.453 ng m
RT: 15.105 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

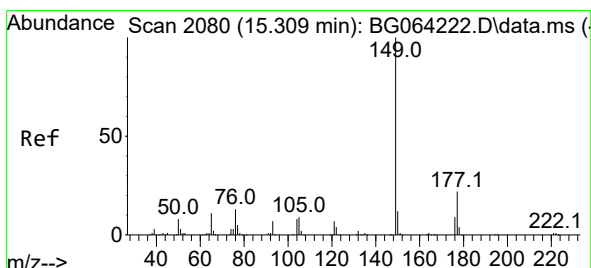
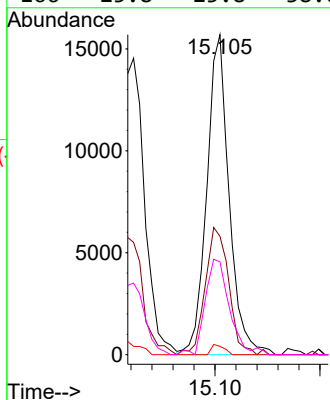
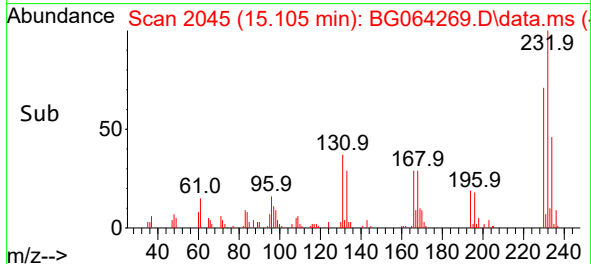
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



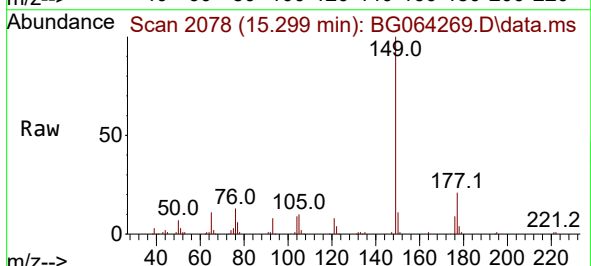
Tgt Ion:232 Resp: 23140
Ion Ratio Lower Upper
232 100
131 39.0 37.1 55.7
130 3.5 2.6 3.8
166 25.8 25.8 38.6

Manual Integrations
APPROVED

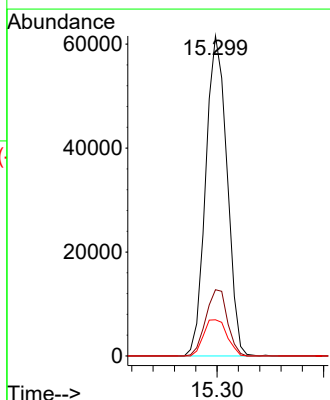
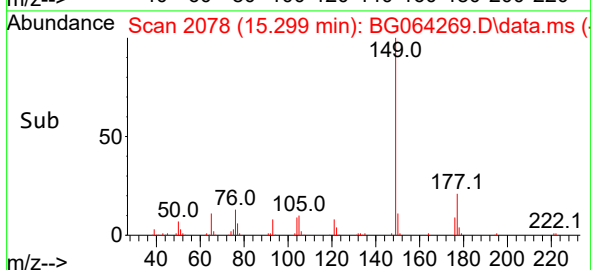
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

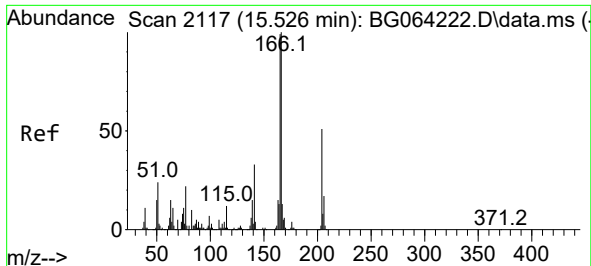


#60
Diethylphthalate
Concen: 7.735 ng
RT: 15.299 min Scan# 2078
Delta R.T. -0.017 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



Tgt Ion:149 Resp: 85274
Ion Ratio Lower Upper
149 100
177 20.7 17.5 26.3
150 11.3 9.9 14.9





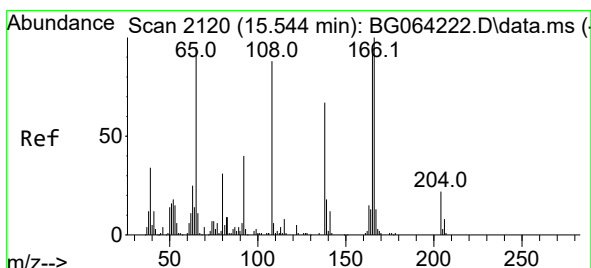
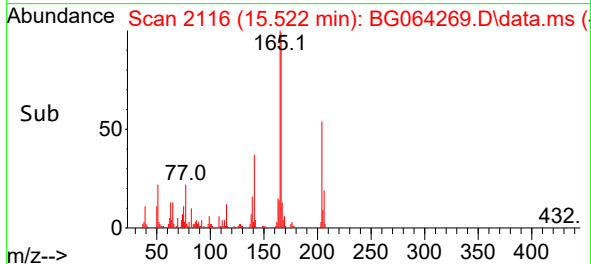
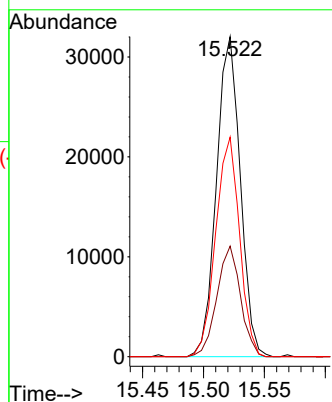
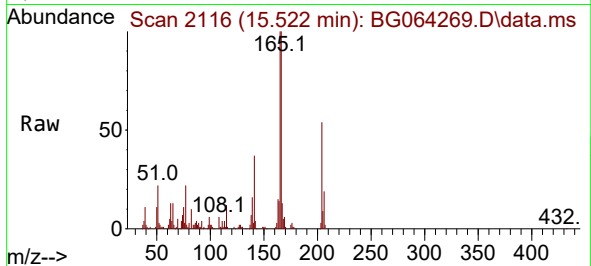
#61
4-Chlorophenyl-phenylether
Concen: 8.718 ng
RT: 15.522 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:204 Resp: 43564
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.4
141 68.6 51.9 77.9

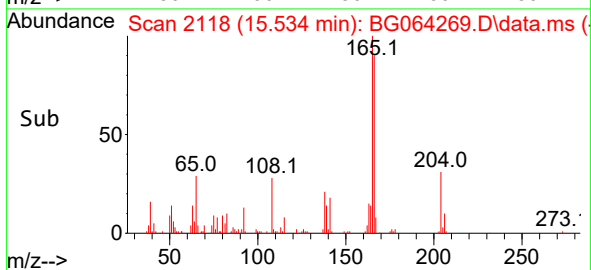
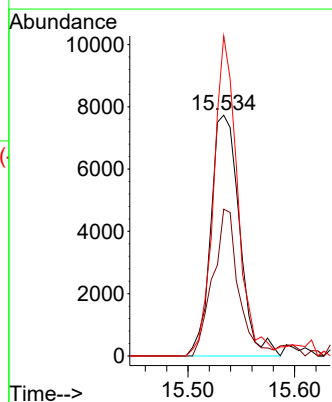
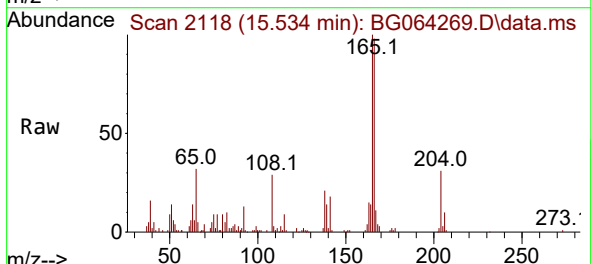
Manual Integrations
APPROVED

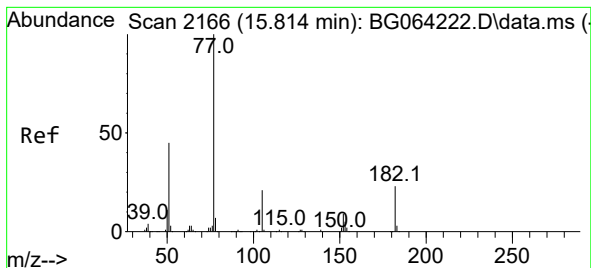
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#62
4-Nitroaniline
Concen: 6.744 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.022 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

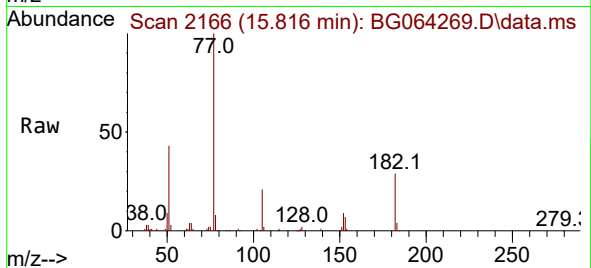
Tgt Ion:138 Resp: 14375
Ion Ratio Lower Upper
138 100
92 60.9 39.1 79.1
108 132.9 111.3 151.3





#63
Azobenzene
Concen: 8.408 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

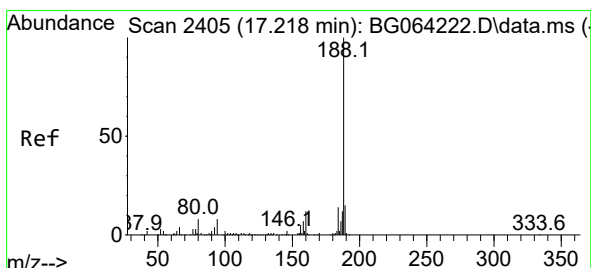
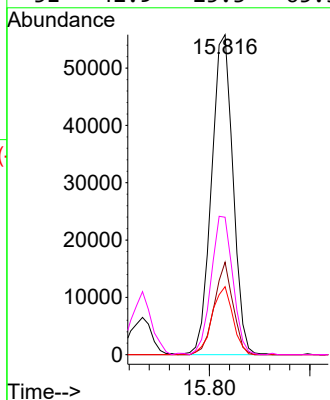
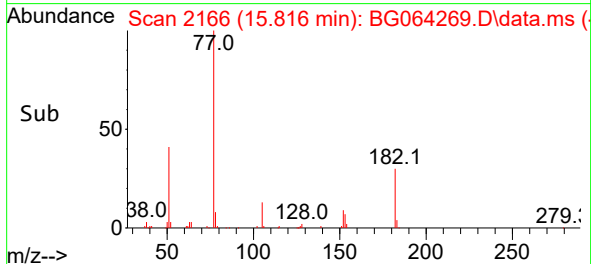
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



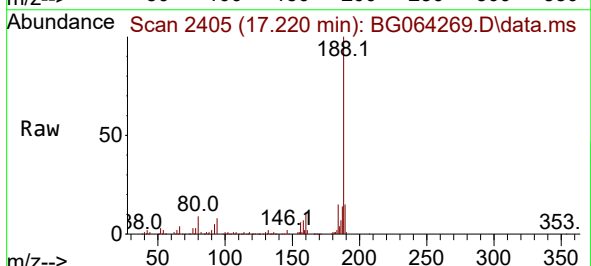
Tgt Ion: 77 Resp: 8261
Ion Ratio Lower Upper
77 100
182 28.9 3.3 43.3
105 21.3 0.6 40.6
51 42.9 25.3 65.3

Manual Integrations
APPROVED

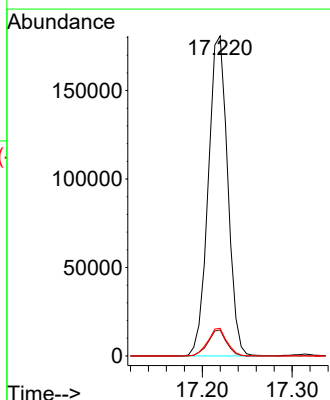
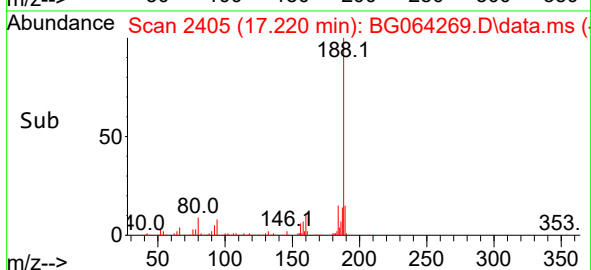
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

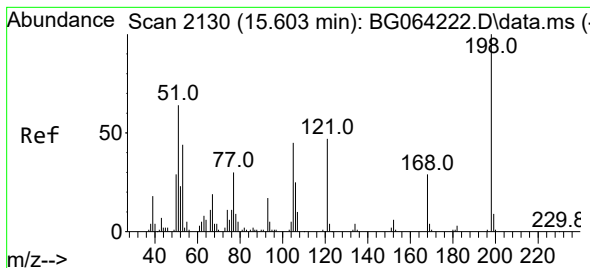


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



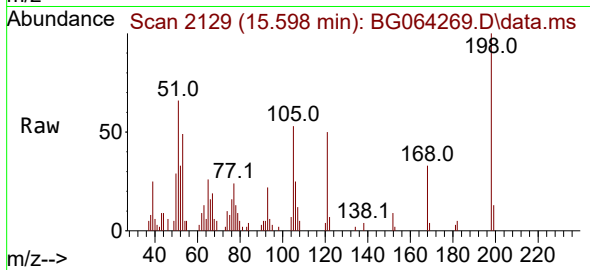
Tgt Ion:188 Resp: 271698
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 8.362 ng
RT: 15.598 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

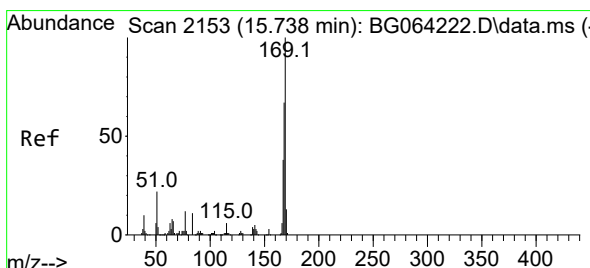
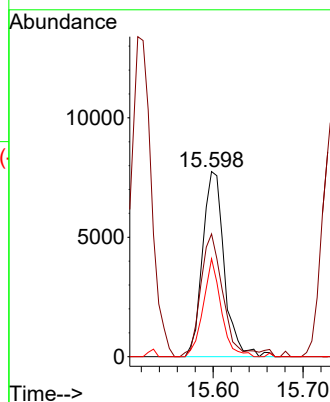
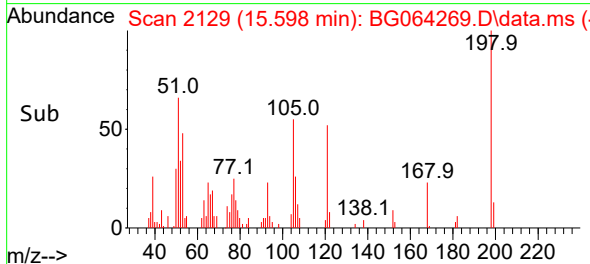
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:198 Resp: 13044
Ion Ratio Lower Upper
198 100
51 66.3 46.2 86.2
105 52.9 25.0 65.0

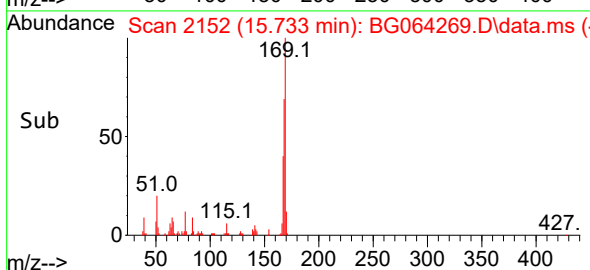
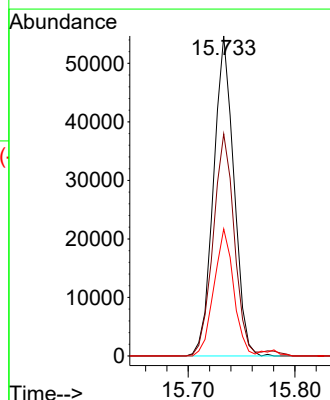
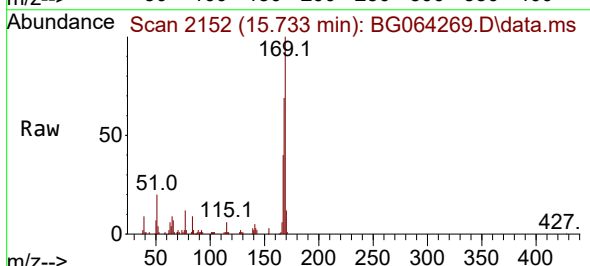
Manual Integrations
APPROVED

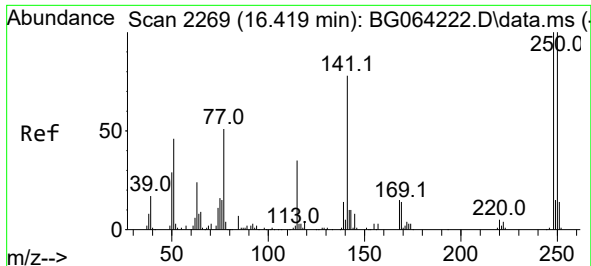
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#66
n-Nitrosodiphenylamine
Concen: 9.701 ng
RT: 15.733 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

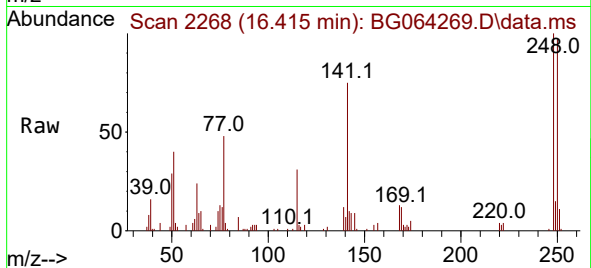
Tgt Ion:169 Resp: 72505
Ion Ratio Lower Upper
169 100
168 69.4 53.8 80.8
167 39.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 9.988 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

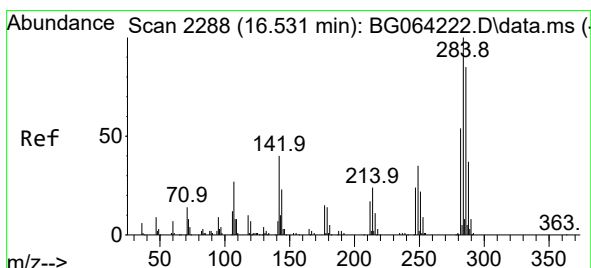
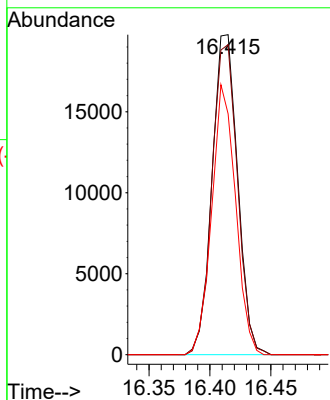
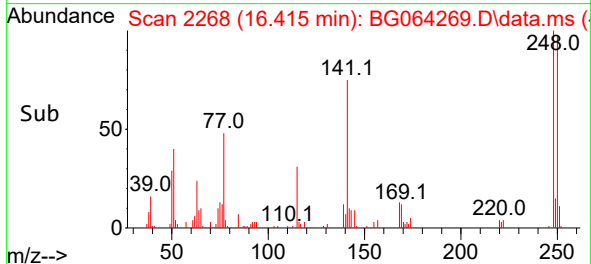
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



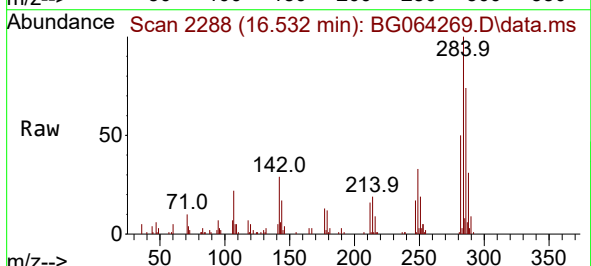
Tgt Ion:248 Resp: 2882
Ion Ratio Lower Upper
248 100
250 96.9 80.2 120.4
141 75.2 62.4 93.6

Manual Integrations
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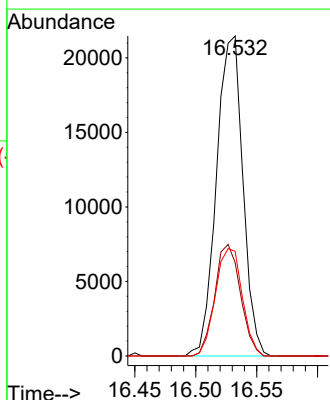
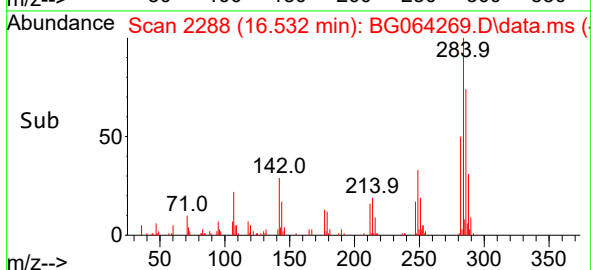
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

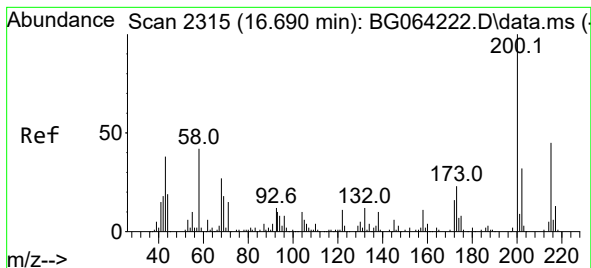


#68
Hexachlorobenzene
Concen: 10.092 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



Tgt Ion:284 Resp: 32341
Ion Ratio Lower Upper
284 100
142 29.1 32.1 48.1#
249 35.5 28.3 42.5





#69

Atrazine

Concen: 7.474 ng

RT: 16.679 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

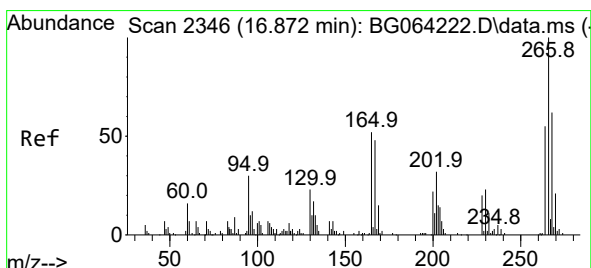
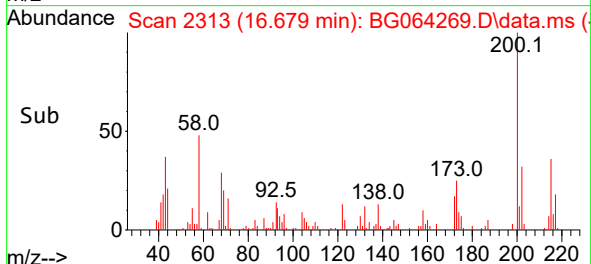
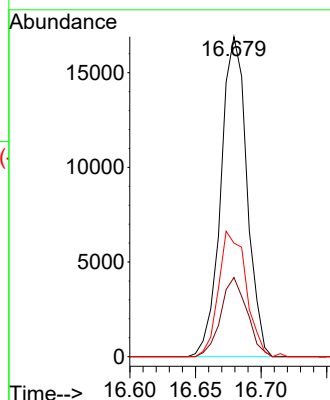
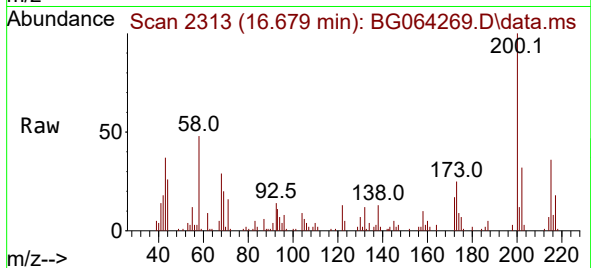
Tgt Ion:200 Resp: 2332
 Ion Ratio Lower Upper
 200 100
 173 24.8 3.5 43.5
 215 35.5 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#70

Pentachlorophenol

Concen: 7.615 ng

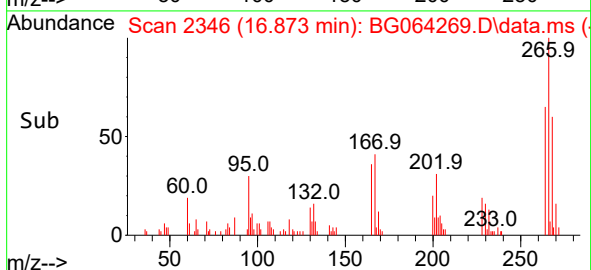
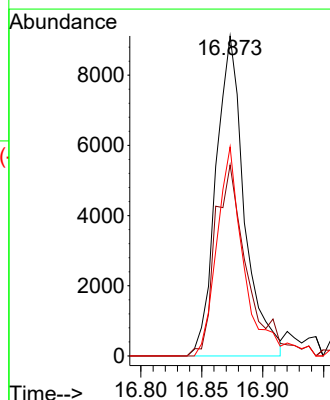
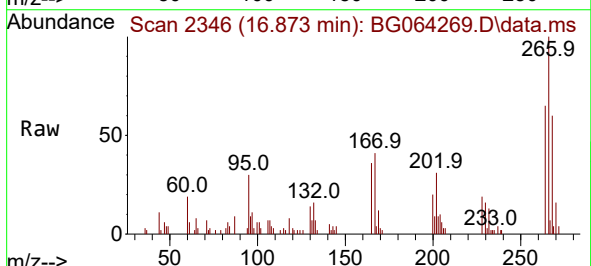
RT: 16.873 min Scan# 2346

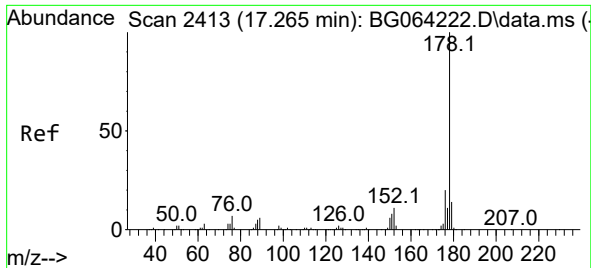
Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

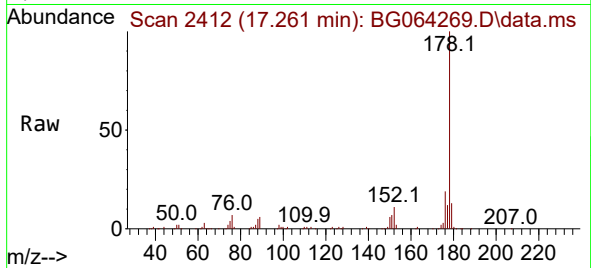
Tgt Ion:266 Resp: 14797
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.4 74.0
 264 65.3 44.3 66.5





#71
Phenanthrene
Concen: 9.064 ng
RT: 17.261 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

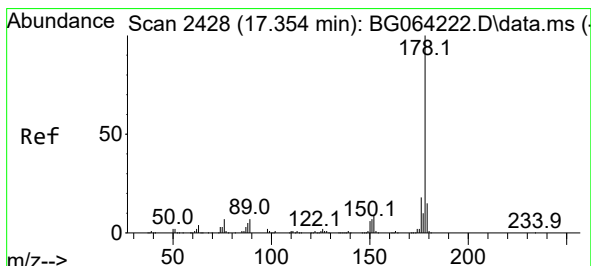
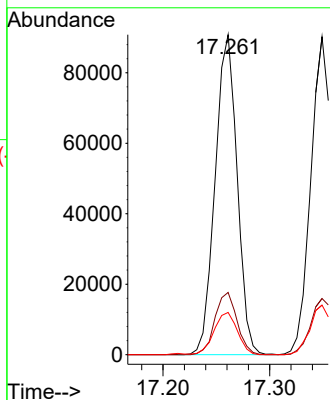
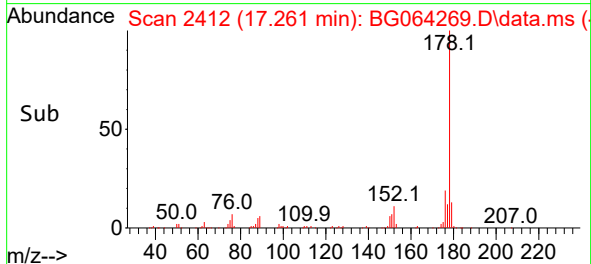
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



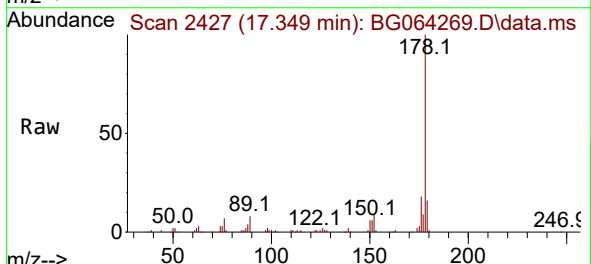
Tgt Ion:178 Resp: 129889
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 13.2 11.4 17.2

Manual Integrations
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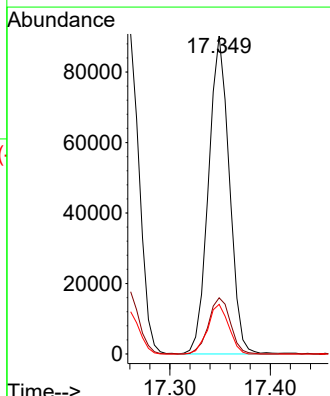
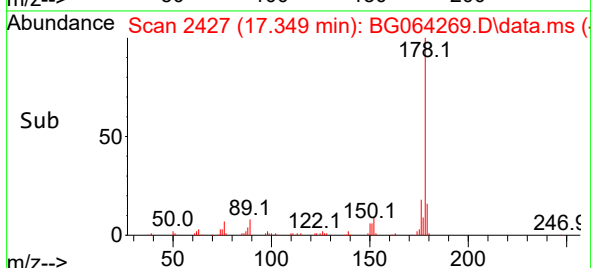
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

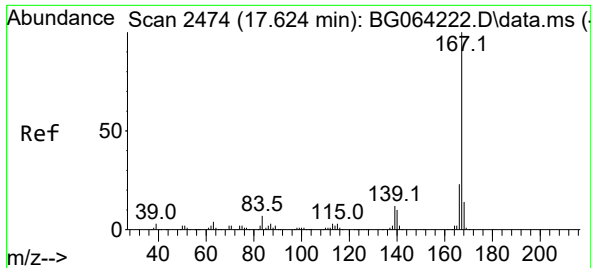


#72
Anthracene
Concen: 8.919 ng
RT: 17.349 min Scan# 2427
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



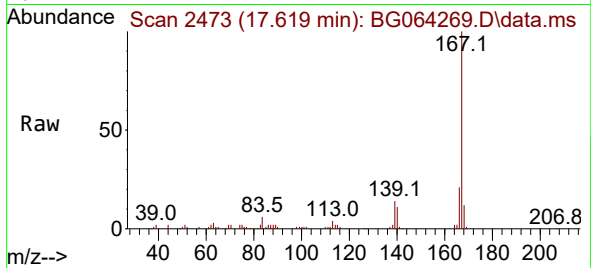
Tgt Ion:178 Resp: 130019
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 15.6 12.1 18.1





#73
Carbazole
Concen: 8.027 ng
RT: 17.619 min Scan# 2474
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

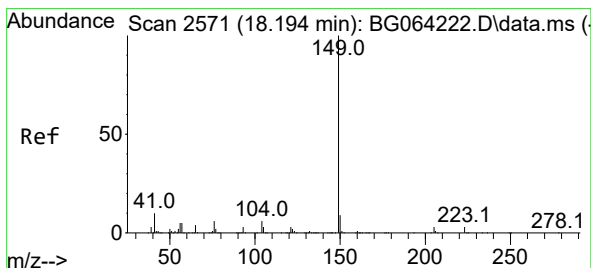
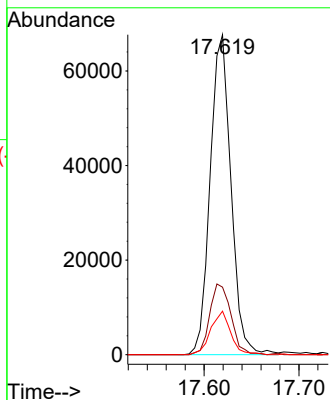
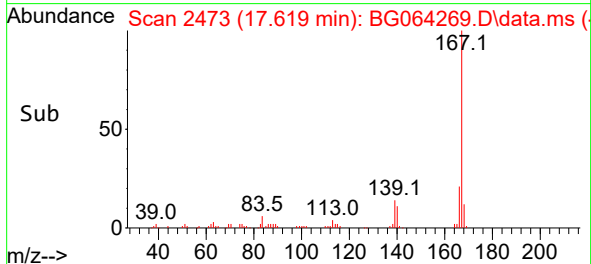
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



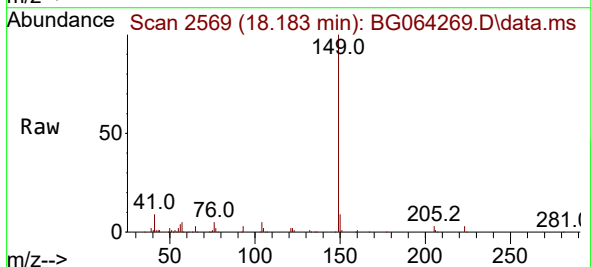
Tgt Ion:167 Resp: 103084
Ion Ratio Lower Upper
167 100
166 21.1 18.2 27.2
139 13.6 9.8 14.6

Manual Integrations
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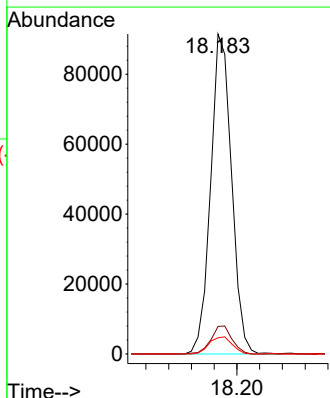
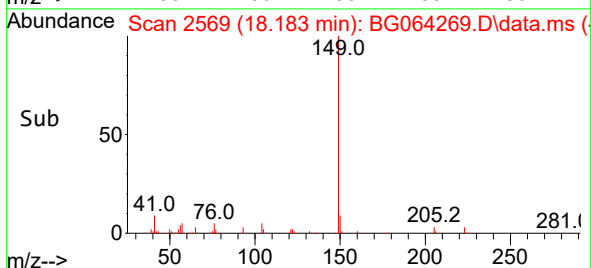
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

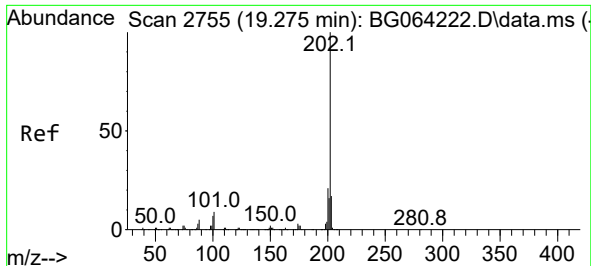


#74
Di-n-butylphthalate
Concen: 7.554 ng
RT: 18.183 min Scan# 2569
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02



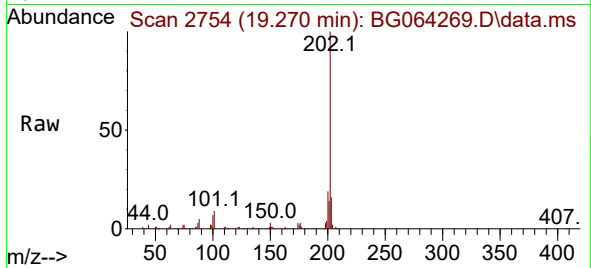
Tgt Ion:149 Resp: 116542
Ion Ratio Lower Upper
149 100
150 8.6 7.5 11.3
104 5.0 4.6 7.0





#75
Fluoranthene
Concen: 7.424 ng
RT: 19.270 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

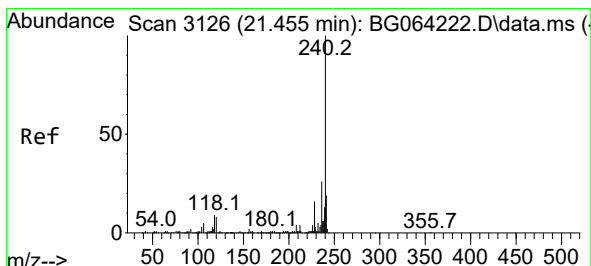
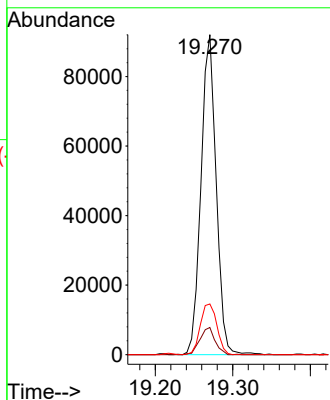
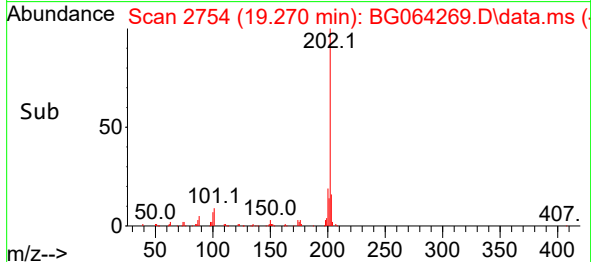
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:202 Resp: 125092
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.7
203 15.9 0.0 36.9

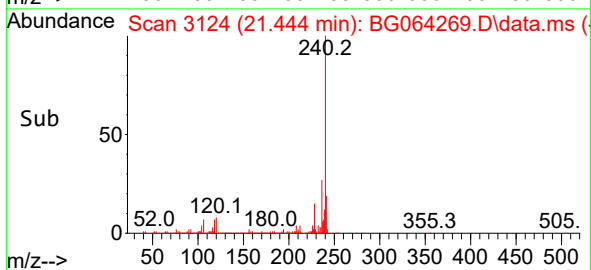
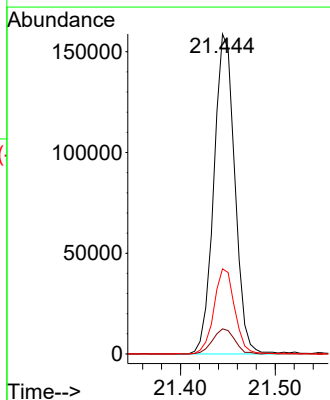
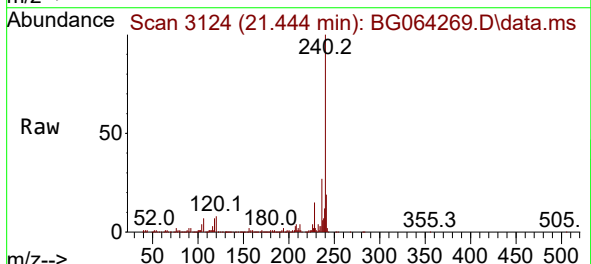
Manual Integrations
APPROVED

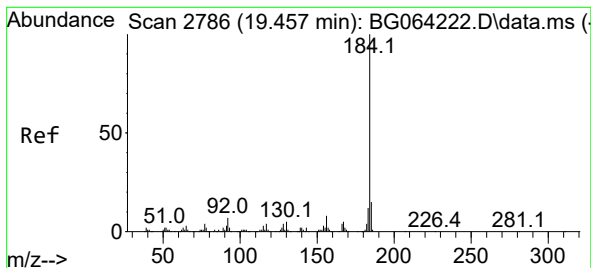
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:240 Resp: 243870
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 26.6 20.5 30.7





#77

Benzidine

Concen: 10.119 ng

RT: 19.452 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

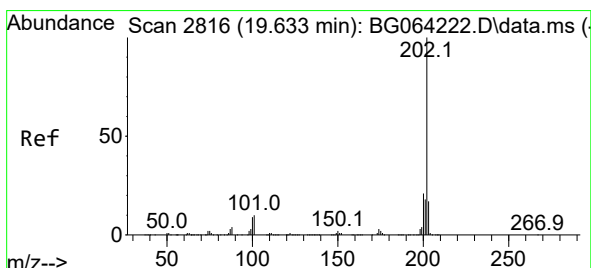
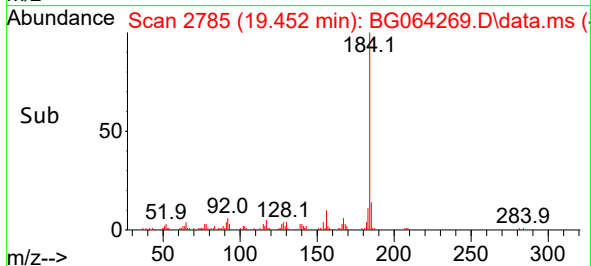
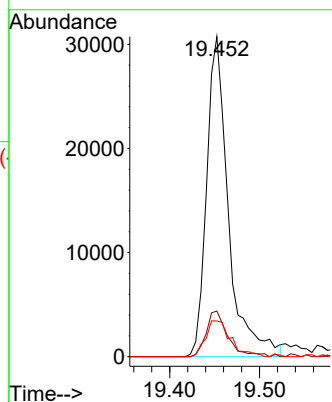
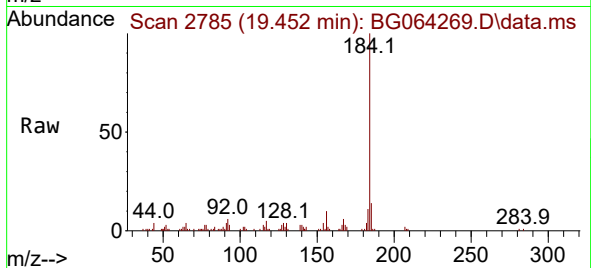
Tgt Ion:184	Resp:	5191
Ion Ratio	Lower	Upper
184	100	
185	14.3	11.7 17.5
183	11.2	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#78

Pyrene

Concen: 8.588 ng

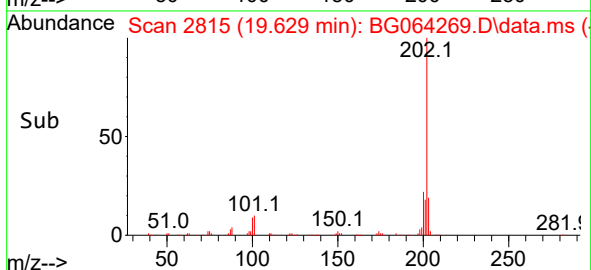
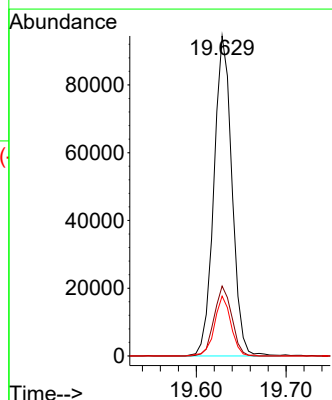
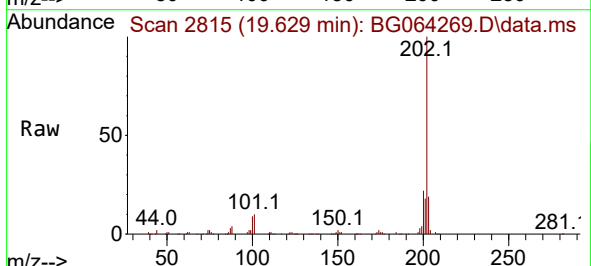
RT: 19.629 min Scan# 2815

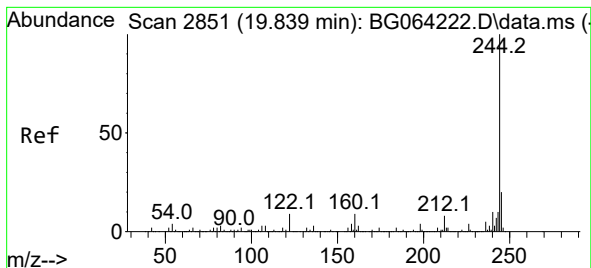
Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Tgt Ion:202	Resp:	131940
Ion Ratio	Lower	Upper
202	100	
200	21.8	16.9 25.3
203	18.7	13.8 20.8





#79

Terphenyl-d14

Concen: 101.242 ng

RT: 19.840 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064269.D

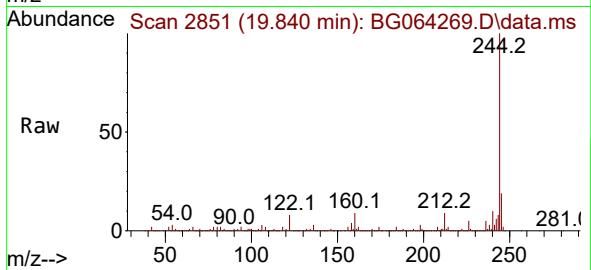
Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:244 Resp: 118340

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

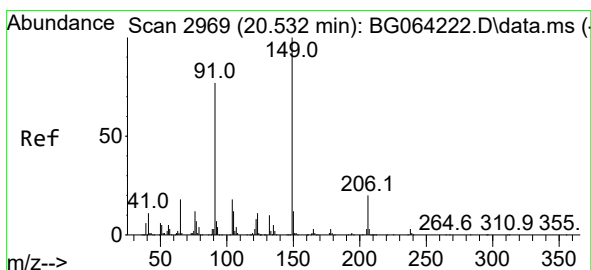
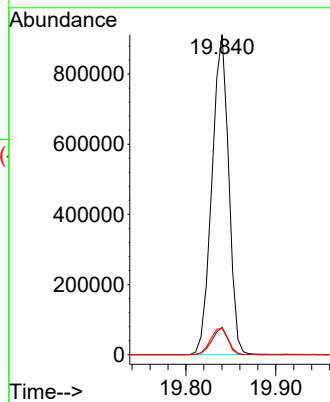
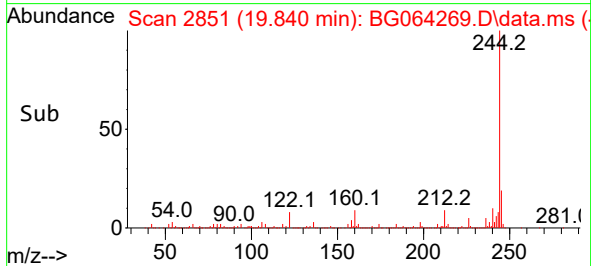
122 8.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#80

Butylbenzylphthalate

Concen: 9.214 ng

RT: 20.528 min Scan# 2968

Delta R.T. -0.005 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

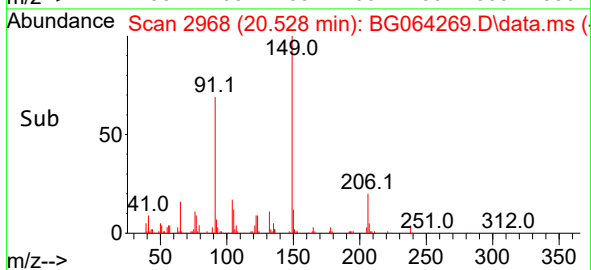
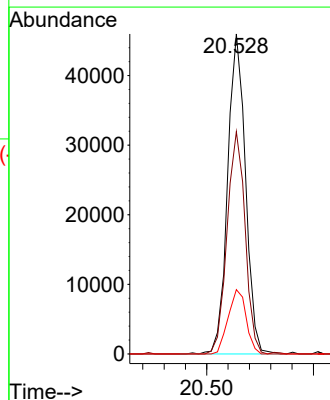
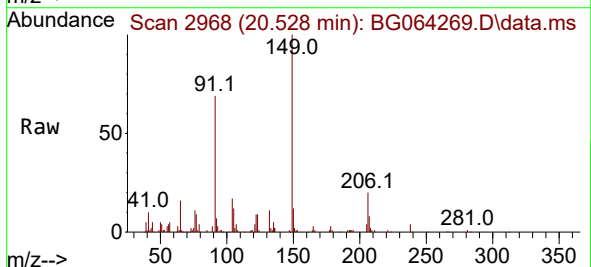
Tgt Ion:149 Resp: 53395

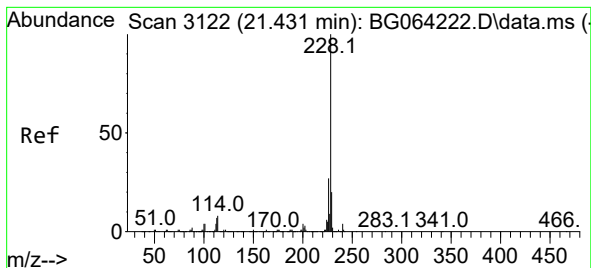
Ion Ratio Lower Upper

149 100

91 69.5 61.4 92.0

206 20.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 8.954 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:228 Resp: 13969

Ion Ratio Lower Upper

228 100

226 29.5 21.7 32.5

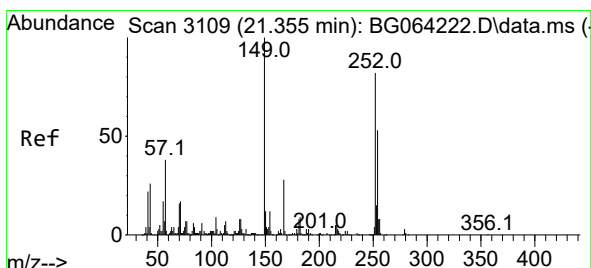
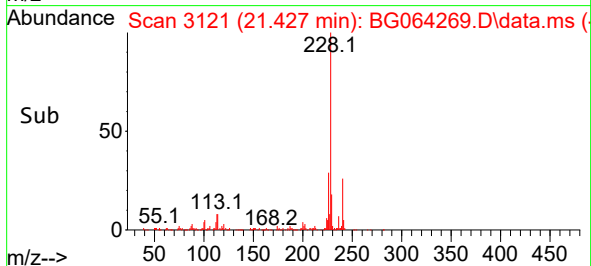
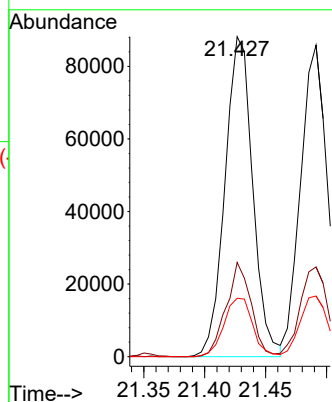
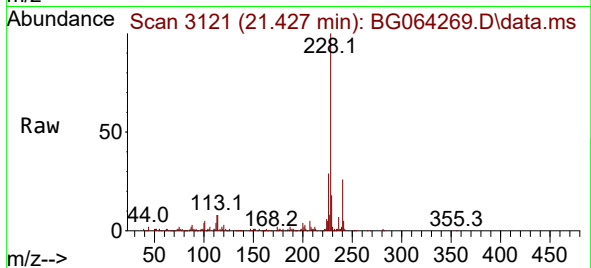
229 18.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 10.052 ng

RT: 21.350 min Scan# 3108

Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

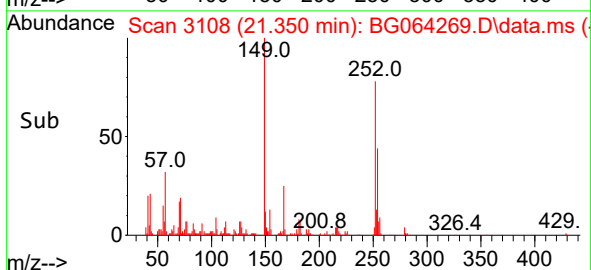
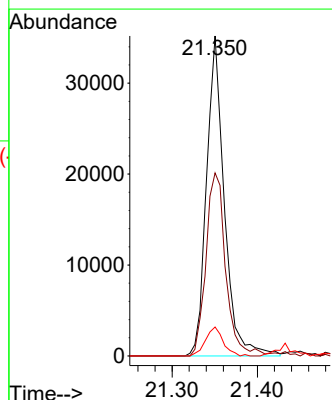
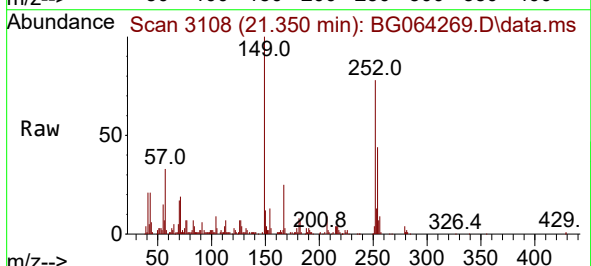
Tgt Ion:252 Resp: 51077

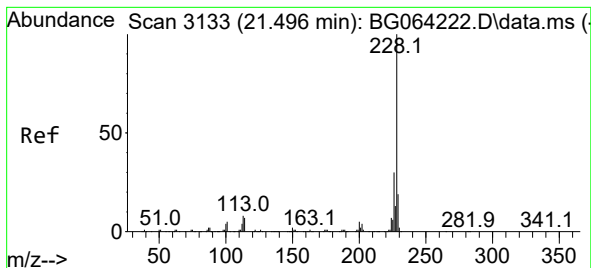
Ion Ratio Lower Upper

252 100

254 57.2 51.9 77.9

126 9.1 7.6 11.4





#83

Chrysene

Concen: 8.718 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064269.D

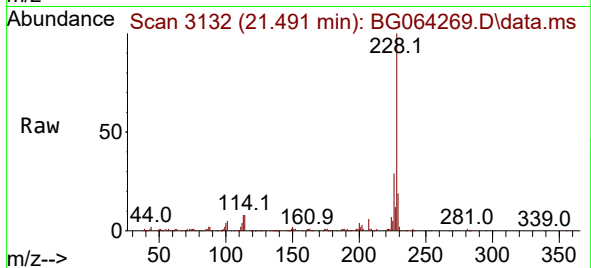
Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:228 Resp: 130580

Ion Ratio Lower Upper

228 100

226 28.8 24.2 36.2

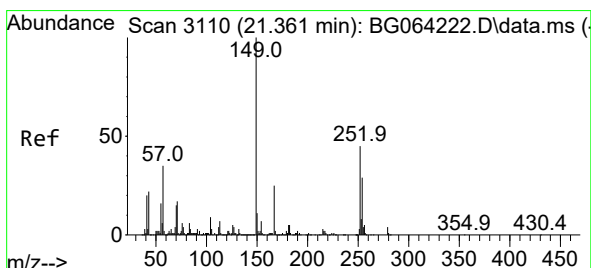
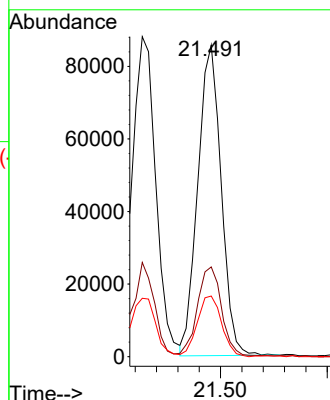
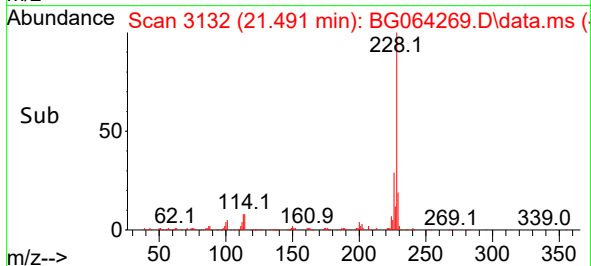
229 19.5 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.276 ng

RT: 21.356 min Scan# 3109

Delta R.T. -0.011 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

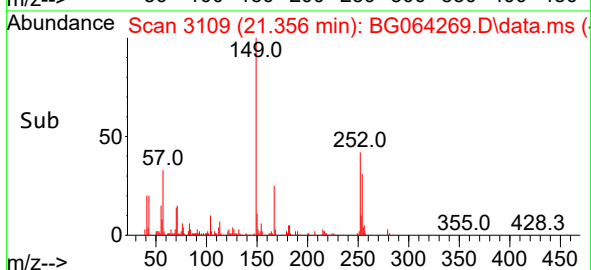
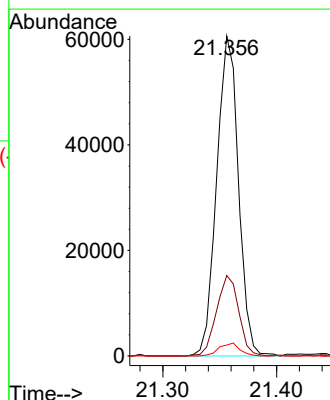
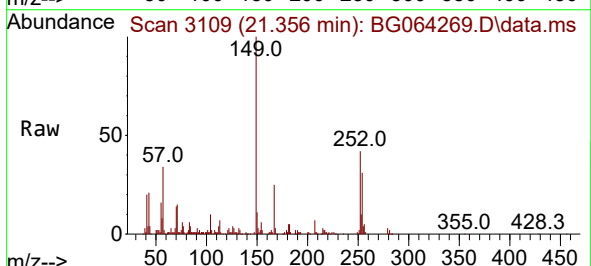
Tgt Ion:149 Resp: 80701

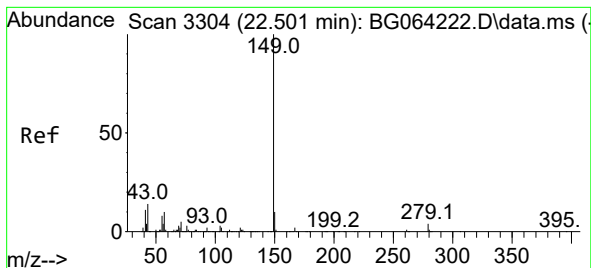
Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

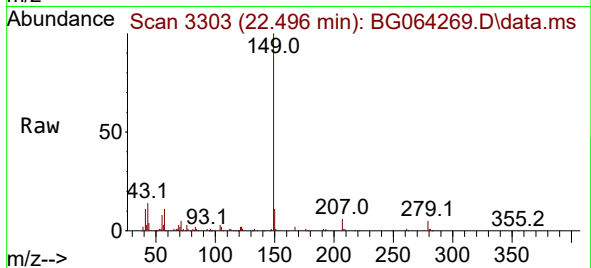
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 8.852 ng
RT: 22.496 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

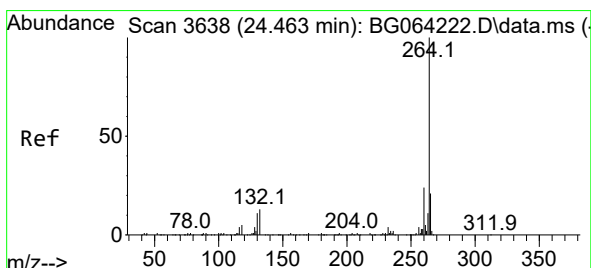
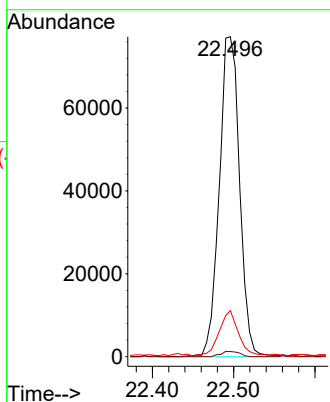
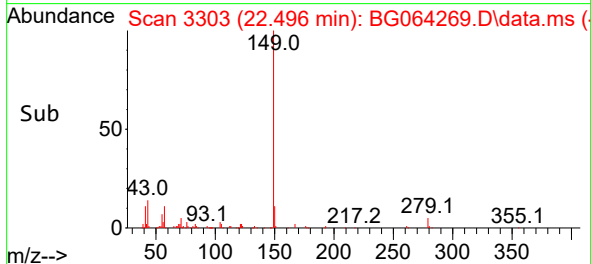
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:149 Resp: 134180
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.4 10.8 16.2

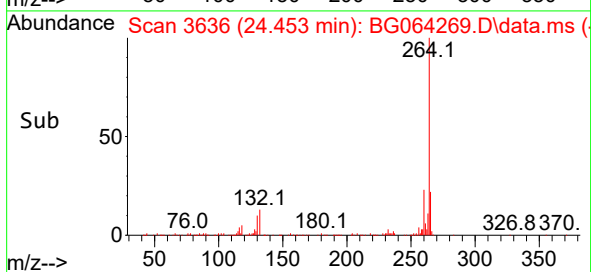
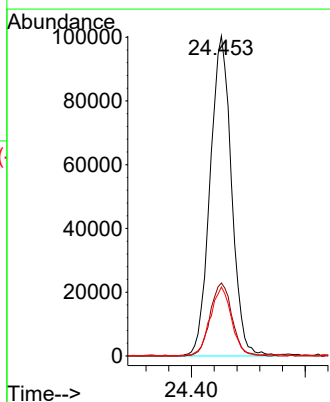
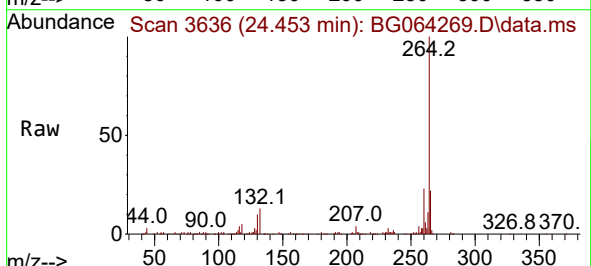
Manual Integrations
APPROVED

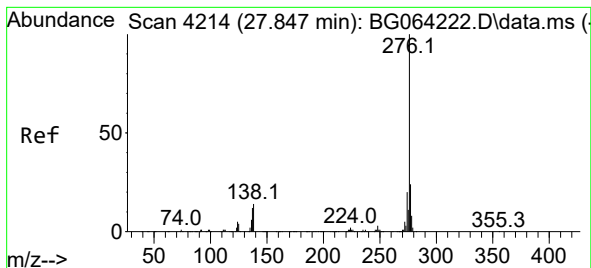
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:264 Resp: 262317
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.883 ng

RT: 27.825 min Scan# 4210

Delta R.T. -0.046 min

Lab File: BG064269.D

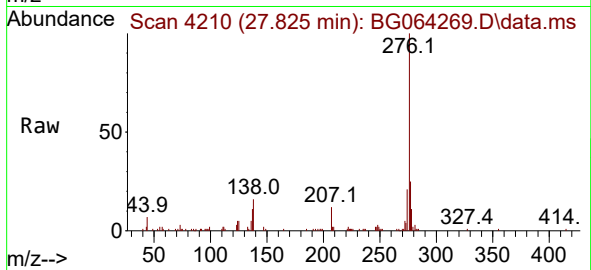
Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



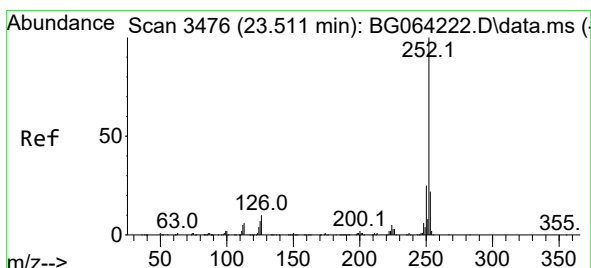
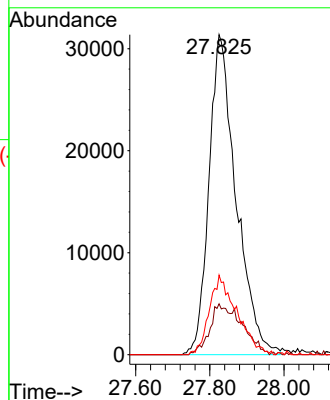
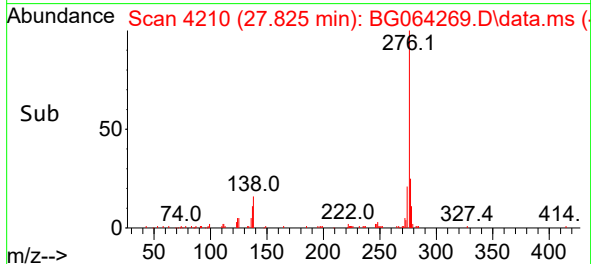
Tgt Ion:	276	Resp:	15913
Ion Ratio	Lower	Upper	
276	100		
138	11.0	7.4	11.0
277	25.2	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#88

Benzo(b)fluoranthene

Concen: 8.857 ng

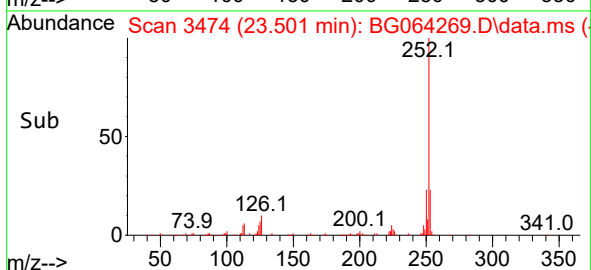
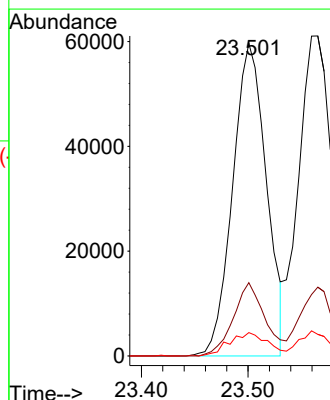
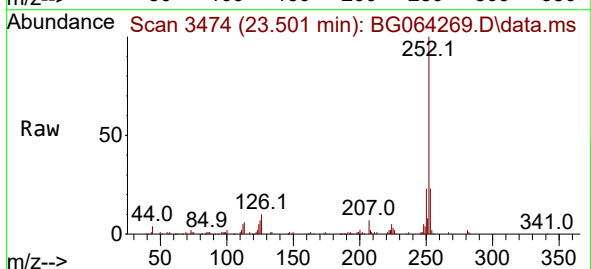
RT: 23.501 min Scan# 3474

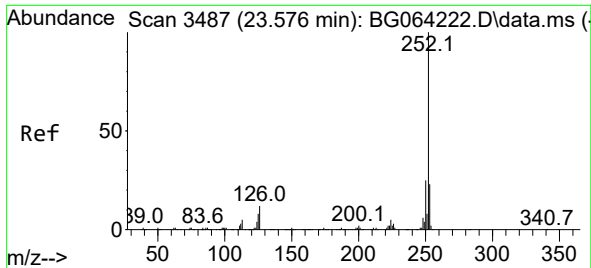
Delta R.T. -0.017 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

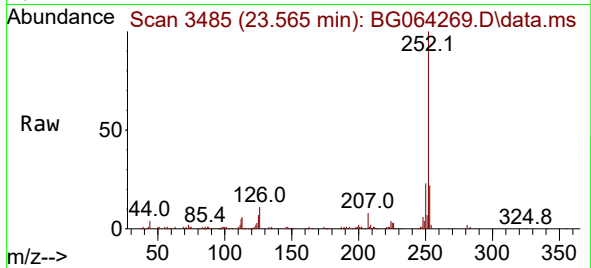
Tgt Ion:	252	Resp:	131128
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	7.5	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 9.270 ng m
RT: 23.565 min Scan# 3487
Delta R.T. -0.022 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

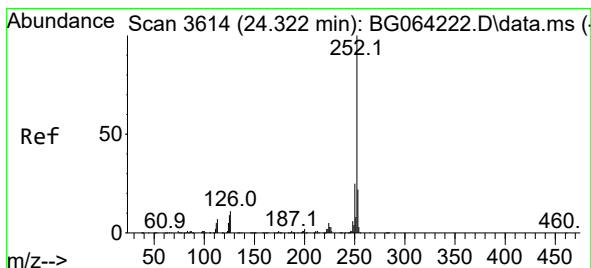
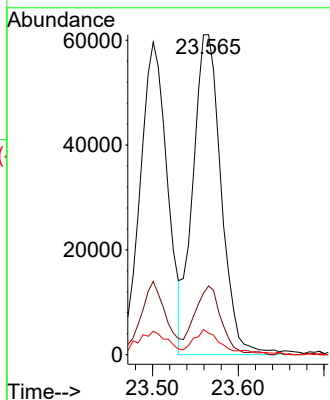
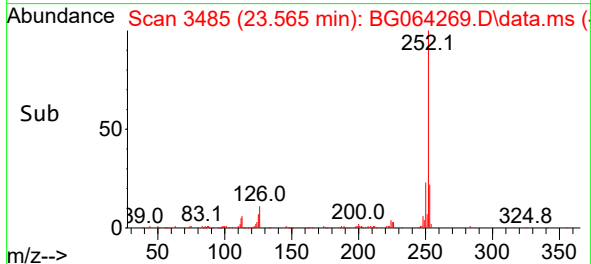
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:252 Resp: 139810
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 6.8 7.0 10.4

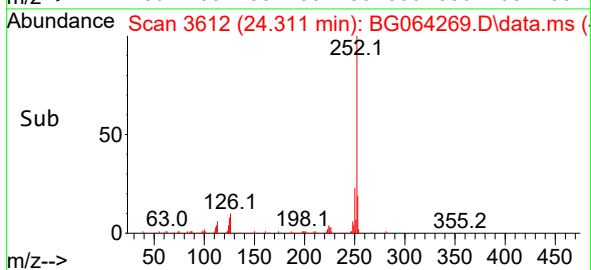
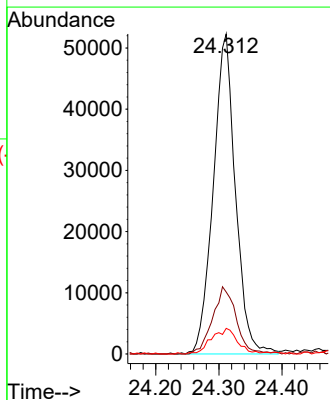
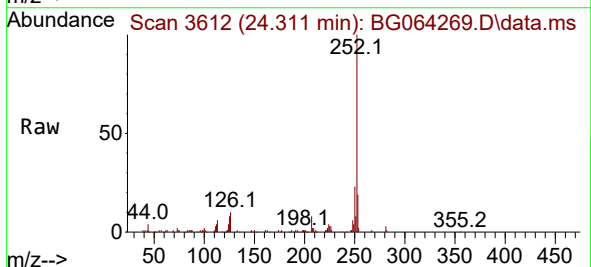
Manual Integrations
APPROVED

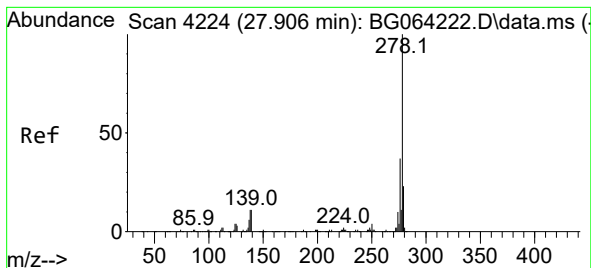
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#90
Benzo(a)pyrene
Concen: 9.252 ng
RT: 24.311 min Scan# 3612
Delta R.T. -0.017 min
Lab File: BG064269.D
Acq: 4 Sep 2025 2:02

Tgt Ion:252 Resp: 127421
Ion Ratio Lower Upper
252 100
253 19.3 17.4 26.2
125 8.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 8.850 ng

RT: 27.890 min Scan# 41

Delta R.T. -0.034 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

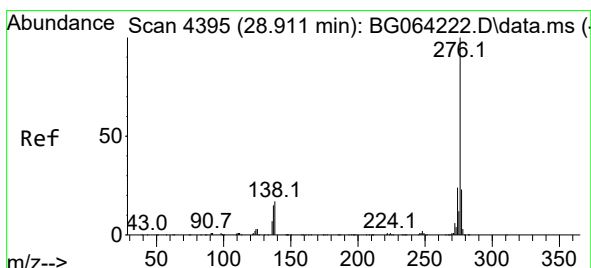
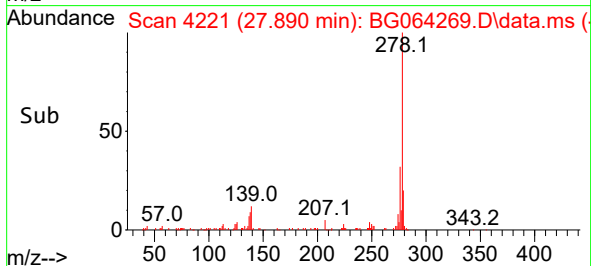
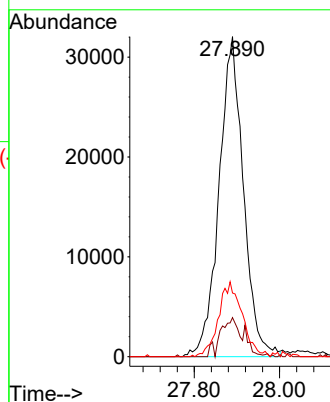
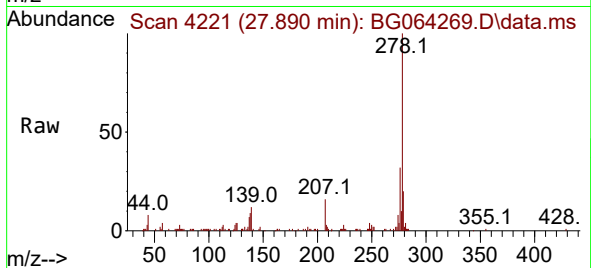
Tgt Ion:278 Resp: 127289
 Ion Ratio Lower Upper
 278 100
 139 12.2 9.0 13.4
 279 19.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#92

Benzo(g,h,i)perylene

Concen: 9.001 ng

RT: 28.888 min Scan# 4391

Delta R.T. -0.046 min

Lab File: BG064269.D

Acq: 4 Sep 2025 2:02

Tgt Ion:276 Resp: 125973
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.2 27.4
 138 15.7 13.3 19.9

