

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064822.D
 Acq On : 19 Nov 2025 19:25
 Operator : RC/JU
 Sample : Q3530-07
 Misc : LOD-WATER-4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 20 00:25:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 20 00:22:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	50179	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	210197	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	171686	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	426367	20.000	ng	0.00
76) Chrysene-d12	21.749	240	508428	20.000	ng	0.00
86) Perylene-d12	25.004	264	493539	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	298779	103.974	ng	0.00
7) Phenol-d6	7.307	99	409872	107.240	ng	0.00
23) Nitrobenzene-d5	9.322	82	310276	72.984	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	342266	102.218	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	902137	73.319	ng	0.00
79) Terphenyl-d14	20.086	244	2082238	80.561	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	4206	3.781	ng	97
3) Pyridine	3.946	79	10198	3.077	ng	92
4) n-Nitrosodimethylamine	3.846	42	5344	3.168	ng	# 93
6) Aniline	7.477	93	18328	3.598	ng	98
8) 2-Chlorophenol	7.724	128	11272	3.572	ng	93
9) Benzaldehyde	7.289	77	10771	4.305	ng	# 83
10) Phenol	7.336	94	14068	3.383	ng	95
11) bis(2-Chloroethyl)ether	7.571	93	10767	3.639	ng	94
12) 1,3-Dichlorobenzene	8.053	146	12955	3.568	ng	99
13) 1,4-Dichlorobenzene	8.200	146	13702	3.706	ng	94
14) 1,2-Dichlorobenzene	8.517	146	13843	3.862	ng	92
15) Benzyl Alcohol	8.394	79	10422	3.322	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.688	45	22481	3.210	ng	94
17) 2-Methylphenol	8.599	107	9355	3.179	ng	95
18) Hexachloroethane	9.257	117	4683	3.344	ng	88
19) n-Nitroso-di-n-propyla...	8.964	70	9291	3.595	ng	# 84
20) 3+4-Methylphenols	8.923	107	12640	3.136	ng	94
22) Acetophenone	8.981	105	19376	3.383	ng	94
24) Nitrobenzene	9.369	77	15114	3.518	ng	# 95
25) Isophorone	9.886	82	26521	3.276	ng	98
26) 2-Nitrophenol	10.086	139	5666	2.933	ng	# 89
27) 2,4-Dimethylphenol	10.133	122	10972	3.196	ng	92
28) bis(2-Chloroethoxy)met...	10.368	93	15021	3.380	ng	96
29) 2,4-Dichlorophenol	10.626	162	11108	3.014	ng	92
30) 1,2,4-Trichlorobenzene	10.838	180	15330	3.445	ng	90
31) Naphthalene	11.032	128	40125	3.367	ng	98
32) Benzoic acid	10.280	122	3950m	1.834	ng	
33) 4-Chloroaniline	11.132	127	15048	3.157	ng	# 88
34) Hexachlorobutadiene	11.320	225	12496	3.273	ng	91
35) Caprolactam	11.866	113	2799	2.539	ng	# 79
36) 4-Chloro-3-methylphenol	12.236	107	12438	3.032	ng	95
37) 2-Methylnaphthalene	12.618	142	25810	2.895	ng	96
38) 1-Methylnaphthalene	12.836	142	28728	3.243	ng	94
40) 1,2,4,5-Tetrachloroben...	12.983	216	22320	3.341	ng	99
41) Hexachlorocyclopentadiene	12.971	237	10422	2.176	ng	99
43) 2,4,6-Trichlorophenol	13.212	196	12020	3.065	ng	94

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Instrument :
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 LOD-MDL-WATER-01-QT4-2025

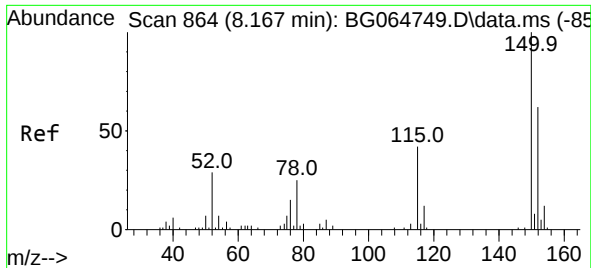
Quant Time: Nov 20 00:25:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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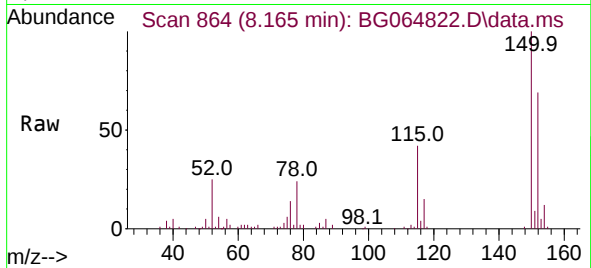
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	12747	2.898	ng	92
46) 1,1'-Biphenyl	13.611	154	42314	3.431	ng	93
47) 2-Chloronaphthalene	13.658	162	32935	3.390	ng	97
48) 2-Nitroaniline	13.846	65	8815	2.821	ng	97
49) Acenaphthylene	14.498	152	54432	3.280	ng	99
50) Dimethylphthalate	14.211	163	45891	3.384	ng	# 96
51) 2,6-Dinitrotoluene	14.328	165	8468	3.245	ng	96
52) Acenaphthene	14.833	154	32219	3.238	ng	98
53) 3-Nitroaniline	14.663	138	7855	3.050	ng	84
54) 2,4-Dinitrophenol	14.886	184	956	0.703	ng	# 58
55) Dibenzofuran	15.162	168	57404	3.489	ng	96
56) 4-Nitrophenol	14.968	139	4062m	1.988	ng	
57) 2,4-Dinitrotoluene	15.109	165	12517	3.199	ng	# 89
58) Fluorene	15.809	166	44041	3.413	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	15249	3.514	ng	# 97
60) Diethylphthalate	15.562	149	43914	3.380	ng	97
61) 4-Chlorophenyl-phenyle...	15.797	204	26424	3.412	ng	94
62) 4-Nitroaniline	15.809	138	7236	2.712	ng	87
63) Azobenzene	16.091	77	37140	3.437	ng	93
65) 4,6-Dinitro-2-methylph...	15.873	198	4512	1.906	ng	90
66) n-Nitrosodiphenylamine	16.008	169	38668	3.462	ng	98
67) 4-Bromophenyl-phenylether	16.690	248	18762	3.351	ng	96
68) Hexachlorobenzene	16.813	284	22966	3.385	ng	96
69) Atrazine	16.943	200	16659	3.094	ng	97
70) Pentachlorophenol	17.160	266	7797	2.327	ng	# 89
71) Phenanthrene	17.542	178	78899	3.382	ng	99
72) Anthracene	17.630	178	81343	3.420	ng	99
73) Carbazole	17.894	167	65774	3.217	ng	97
74) Di-n-butylphthalate	18.447	149	78498	3.441	ng	96
75) Fluoranthene	19.534	202	102427	3.211	ng	98
77) Benzidine	19.704	184	48600	3.192	ng	97
78) Pyrene	19.892	202	106360	3.733	ng	98
80) Butylbenzylphthalate	20.762	149	36653	3.657	ng	97
81) Benzo(a)anthracene	21.731	228	114230	3.304	ng	98
82) 3,3'-Dichlorobenzidine	21.637	252	38945	3.061	ng	95
83) Chrysene	21.796	228	110562	3.392	ng	99
84) Bis(2-ethylhexyl)phtha...	21.625	149	52743	3.601	ng	# 97
85) Di-n-octyl phthalate	22.847	149	84966	3.356	ng	100
87) Indeno(1,2,3-cd)pyrene	28.717	276	104236	3.074	ng	# 97
88) Benzo(b)fluoranthene	23.964	252	101445	3.230	ng	# 96
89) Benzo(k)fluoranthene	24.028	252	103401	3.277	ng	# 99
90) Benzo(a)pyrene	24.851	252	95932	3.293	ng	# 94
91) Dibenzo(a,h)anthracene	28.776	278	79916	2.877	ng	97
92) Benzo(g,h,i)perylene	29.869	276	81881	3.063	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.165 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

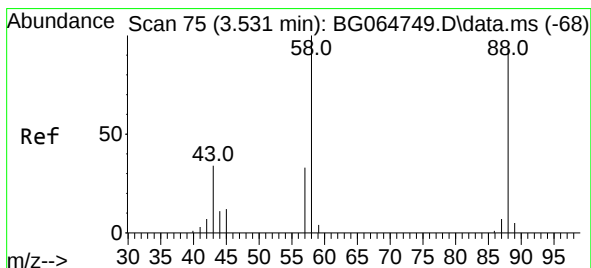
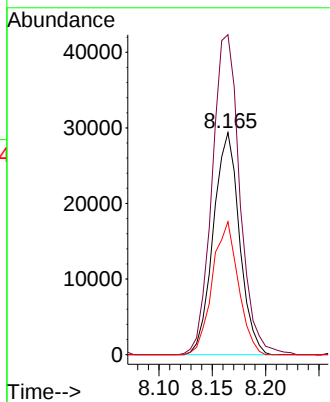
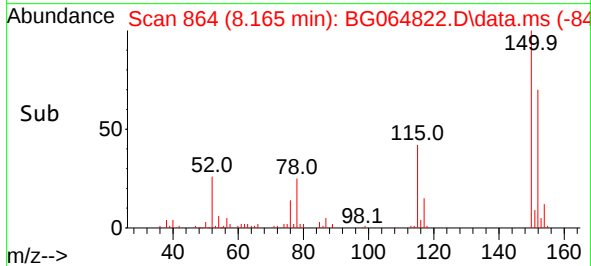
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion:152 Resp: 50179
 Ion Ratio Lower Upper
 152 100
 150 144.2 129.2 193.8
 115 59.9 53.7 80.5

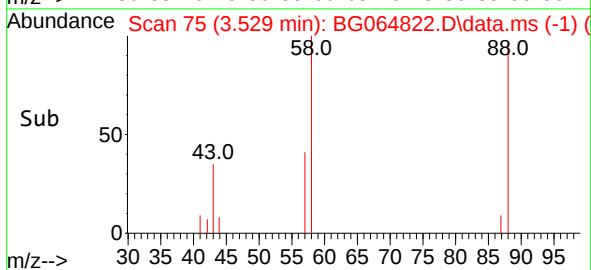
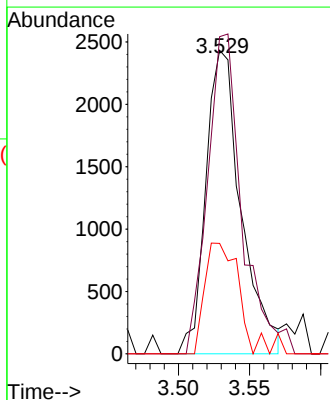
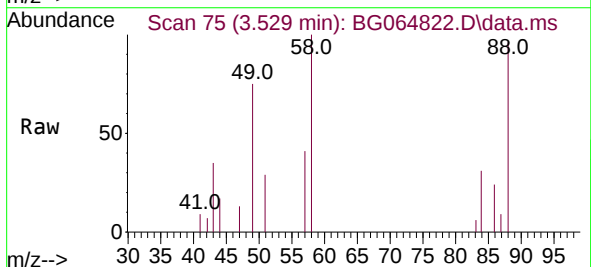
Manual Integrations
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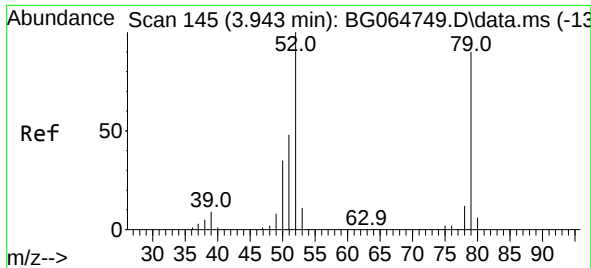
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#2
 1,4-Dioxane
 Concen: 3.781 ng
 RT: 3.529 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

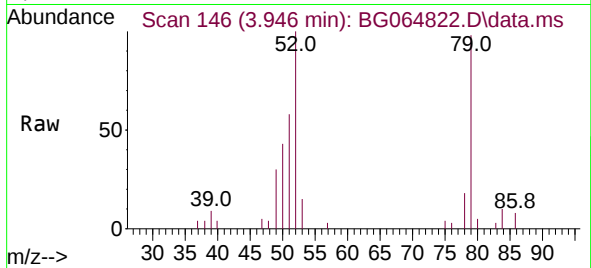
Tgt Ion: 88 Resp: 4206
 Ion Ratio Lower Upper
 88 100
 58 102.7 84.6 126.8
 43 36.2 30.0 45.0





#3
Pyridine
Concen: 3.077 ng
RT: 3.946 min Scan# 145
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

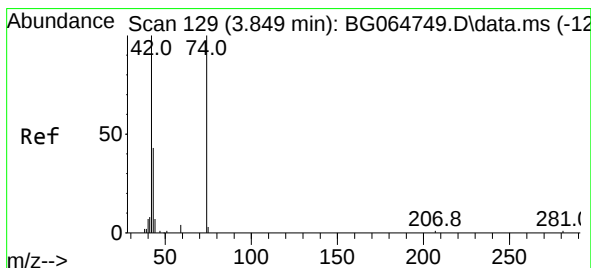
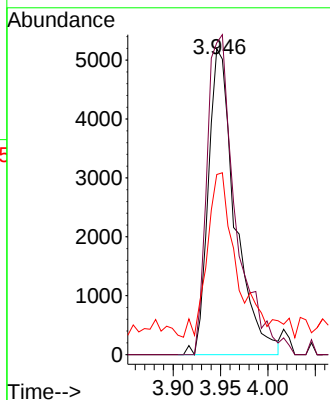
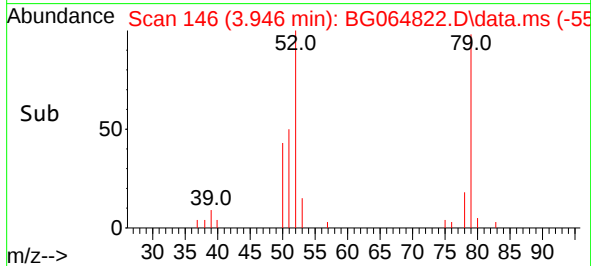
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



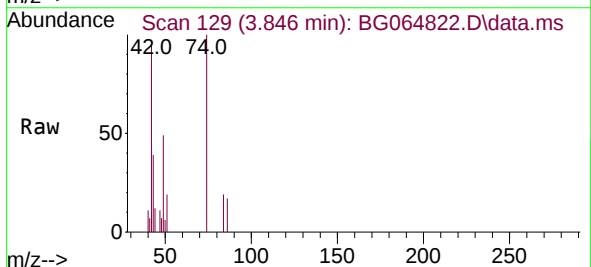
Tgt Ion: 79 Resp: 10198
Ion Ratio Lower Upper
79 100
52 102.0 89.0 133.4
51 58.9 43.4 65.0

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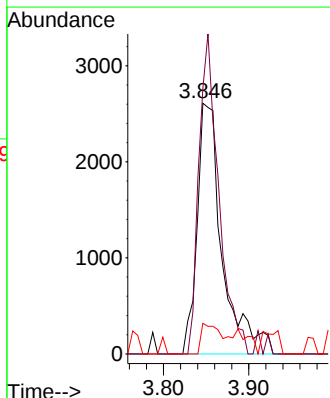
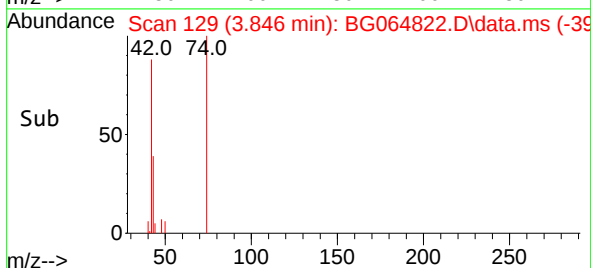
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#4
n-Nitrosodimethylamine
Concen: 3.168 ng
RT: 3.846 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



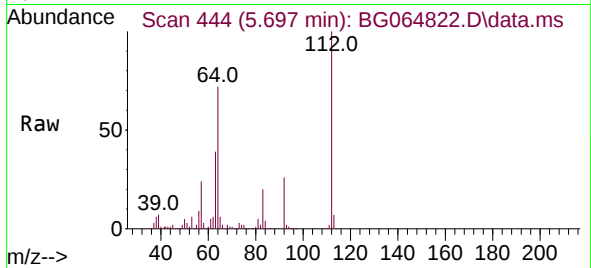
Tgt Ion: 42 Resp: 5344
Ion Ratio Lower Upper
42 100
74 105.7 79.8 119.6
44 12.2 5.9 8.9#





#5
2-Fluorophenol
Concen: 103.974 ng
RT: 5.697 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

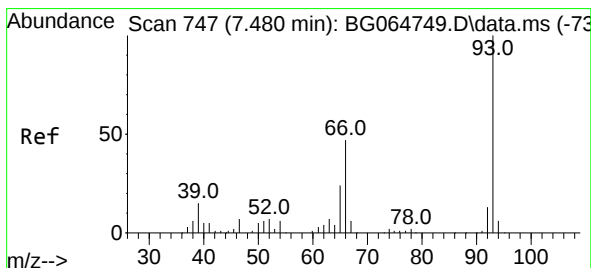
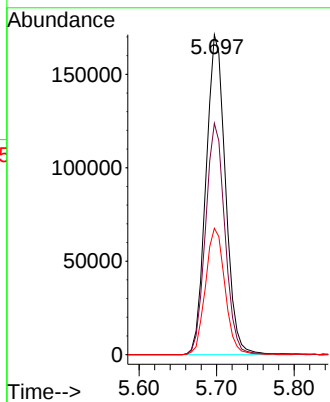
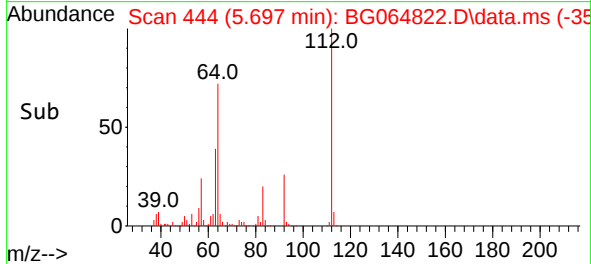
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:112 Resp: 298779
Ion Ratio Lower Upper
112 100
64 72.3 61.0 91.4
63 39.5 33.3 49.9

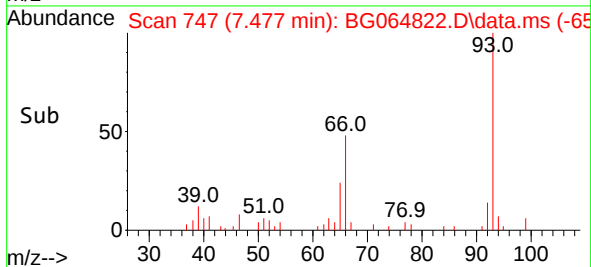
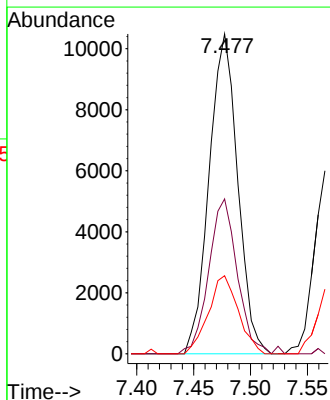
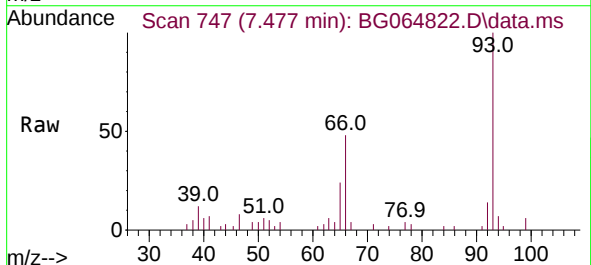
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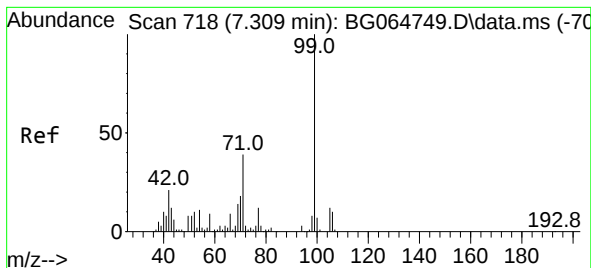
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#6
Aniline
Concen: 3.598 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion: 93 Resp: 18328
Ion Ratio Lower Upper
93 100
66 48.4 37.7 56.5
65 24.4 19.1 28.7





#7

Phenol-d6

Concen: 107.240 ng

RT: 7.307 min Scan# 718

Delta R.T. -0.003 min

Lab File: BG064822.D

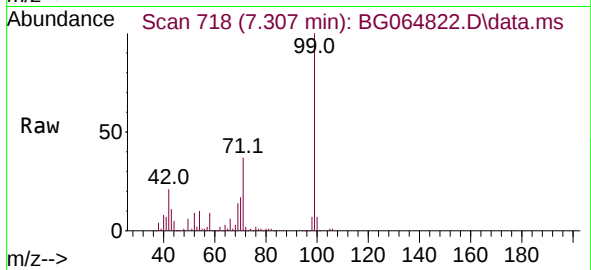
Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 99 Resp: 409872

Ion Ratio Lower Upper

99 100

42 21.1 16.8 25.2

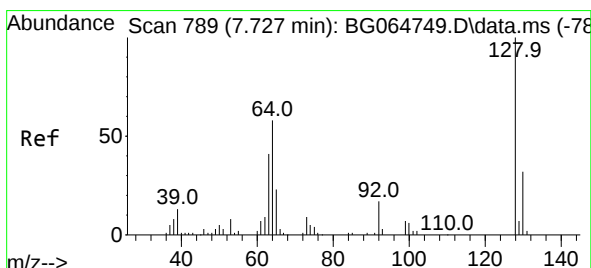
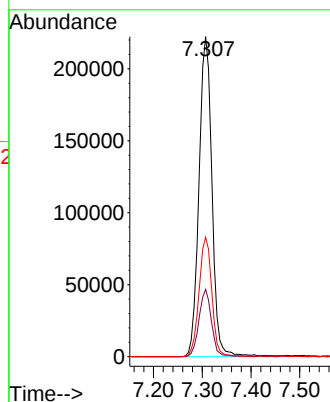
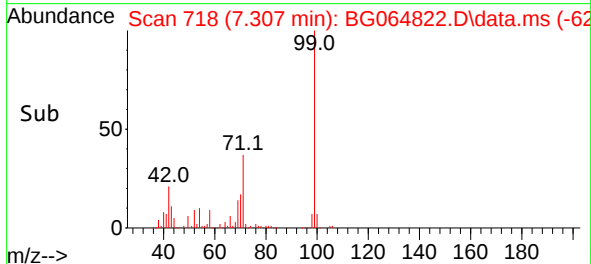
71 37.3 31.1 46.7

Manual Integrations

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Supervised By :Sohil Jodhani 11/20/2025



#8

2-Chlorophenol

Concen: 3.572 ng

RT: 7.724 min Scan# 789

Delta R.T. -0.003 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

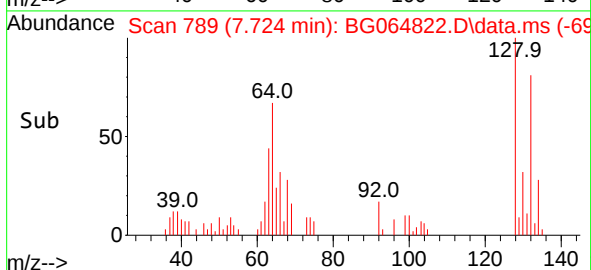
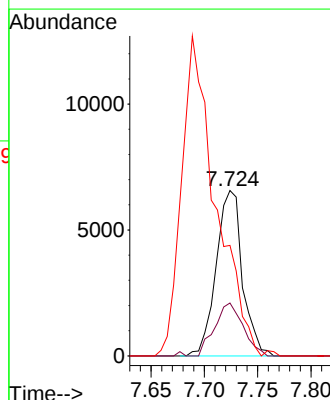
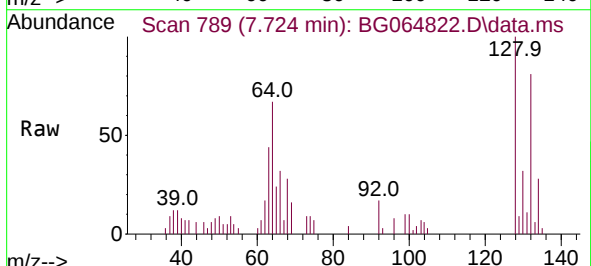
Tgt Ion:128 Resp: 11272

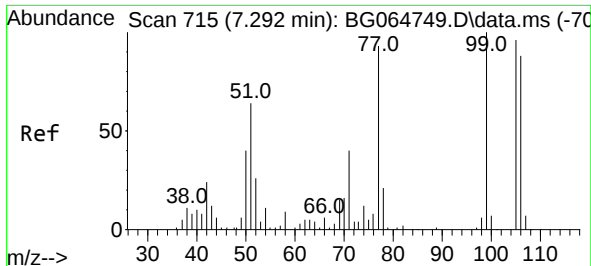
Ion Ratio Lower Upper

128 100

130 32.0 11.9 51.9

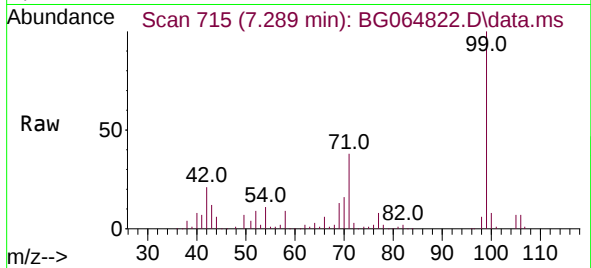
64 66.8 38.4 78.4





#9
Benzaldehyde
Concen: 4.305 ng
RT: 7.289 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

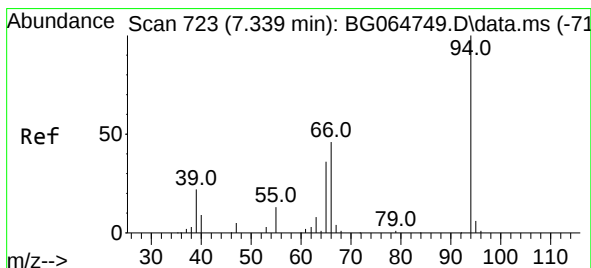
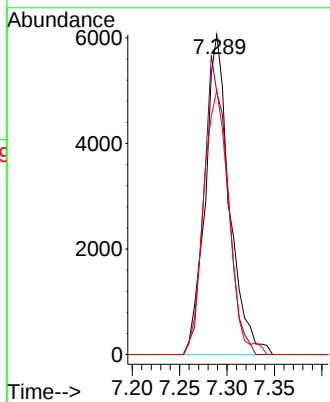
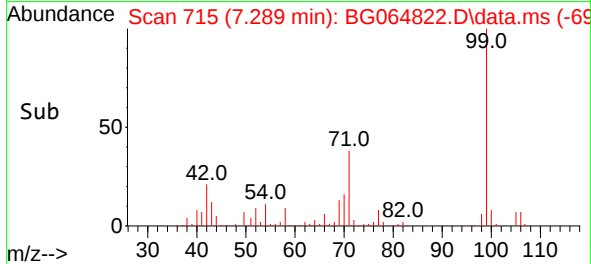
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



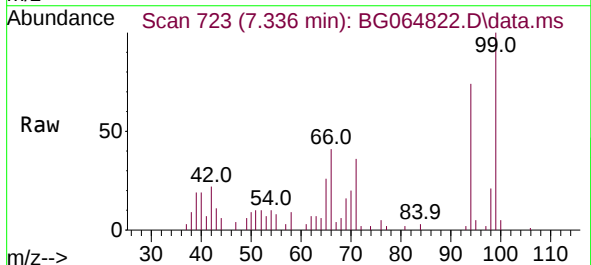
Tgt Ion: 77 Resp: 1077
Ion Ratio Lower Upper
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105 82.0 83.8 123.8
106 82.6 74.3 114.3

Manual Integrations
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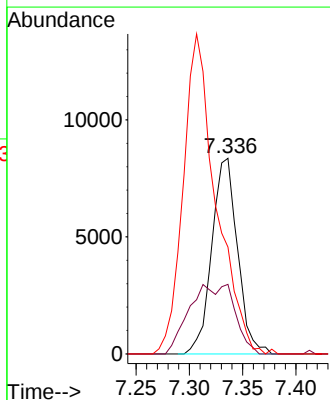
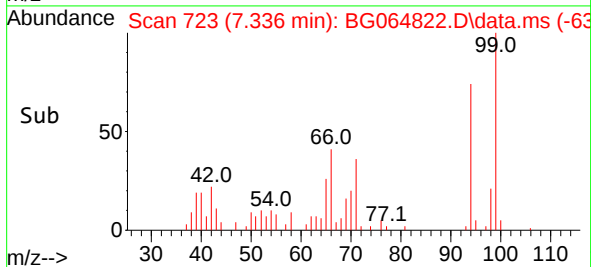
Reviewed By :Jagrut Upadhyay 11/20/2025
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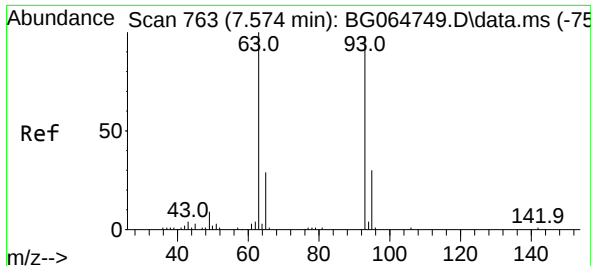


#10
Phenol
Concen: 3.383 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion: 94 Resp: 14068
Ion Ratio Lower Upper
94 100
65 35.6 17.0 57.0
66 54.6 29.8 69.8





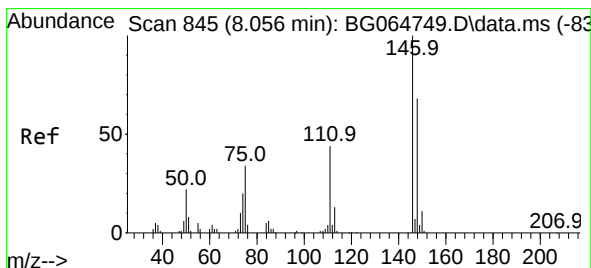
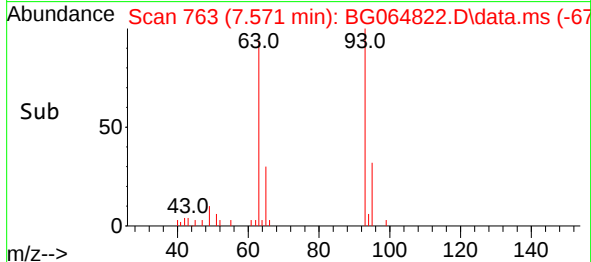
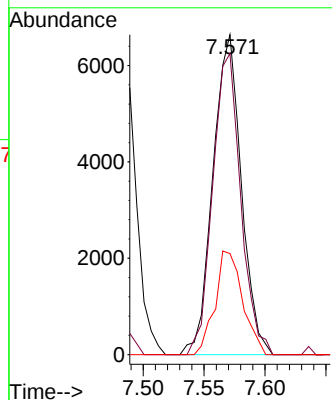
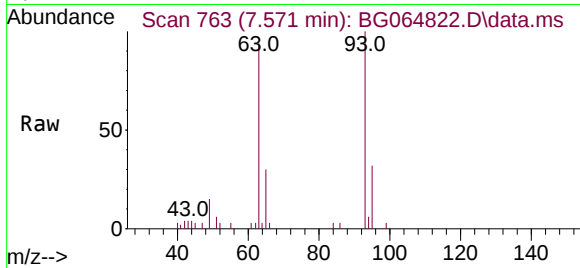
#11
bis(2-Chloroethyl)ether
Concen: 3.639 ng
RT: 7.571 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 93 Resp: 10762
Ion Ratio Lower Upper
93 100
63 94.1 81.8 121.8
95 31.6 10.3 50.3

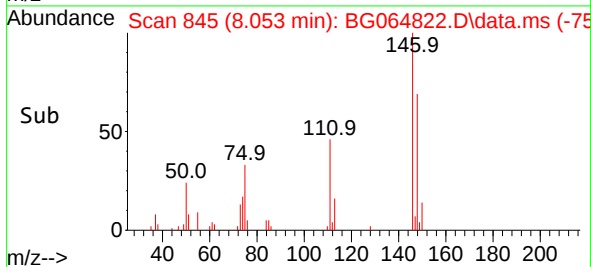
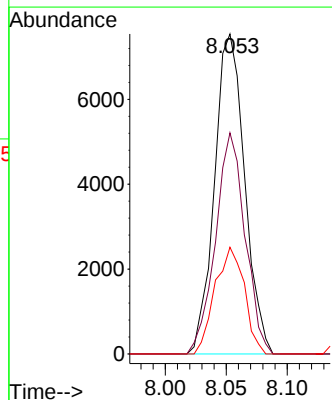
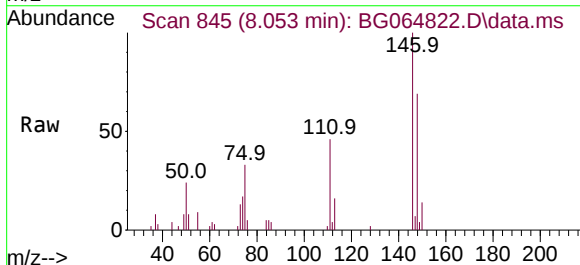
Manual Integrations
APPROVED

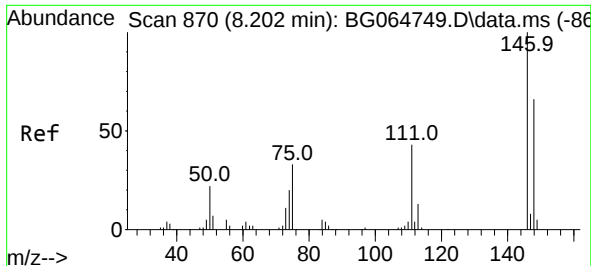
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#12
1,3-Dichlorobenzene
Concen: 3.568 ng
RT: 8.053 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:146 Resp: 12955
Ion Ratio Lower Upper
146 100
148 69.1 54.6 82.0
75 33.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 3.706 ng

RT: 8.200 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

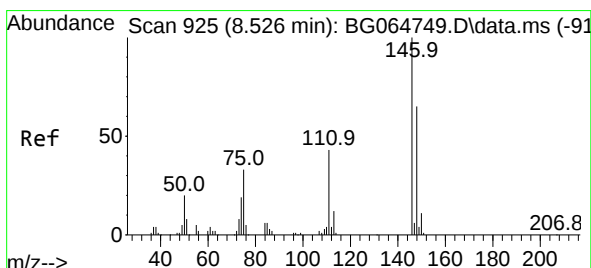
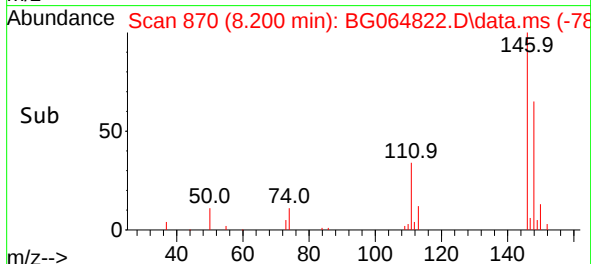
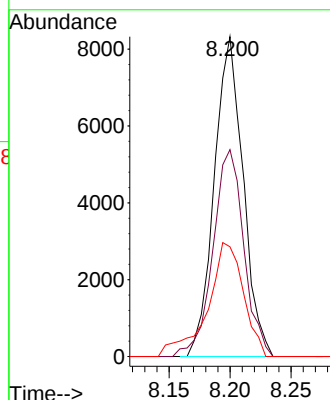
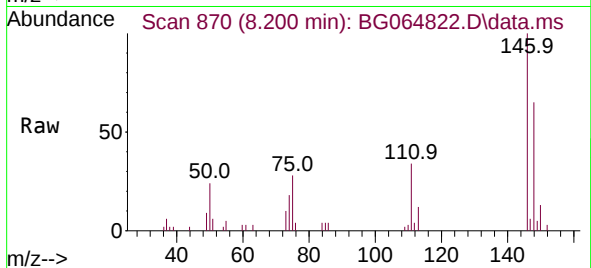
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	146	Resp:	13702
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.1	79.7
111	34.3	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#14

1,2-Dichlorobenzene

Concen: 3.862 ng

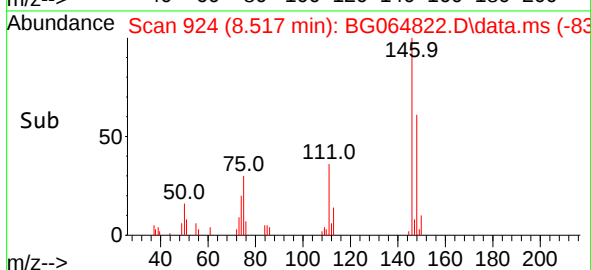
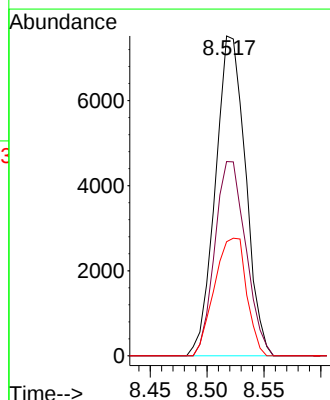
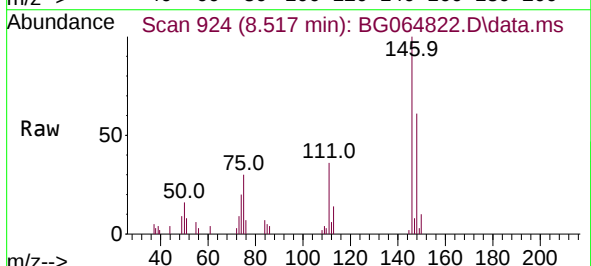
RT: 8.517 min Scan# 924

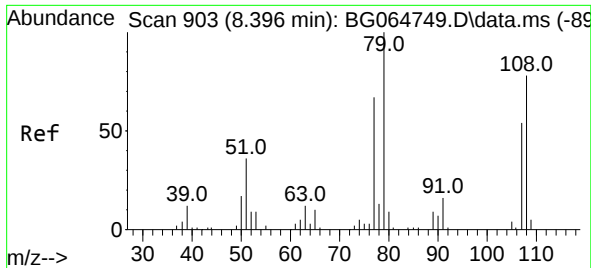
Delta R.T. -0.008 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Tgt Ion:	146	Resp:	13843
Ion Ratio	Lower	Upper	
146	100		
148	60.7	52.0	78.0
111	35.7	34.7	52.1





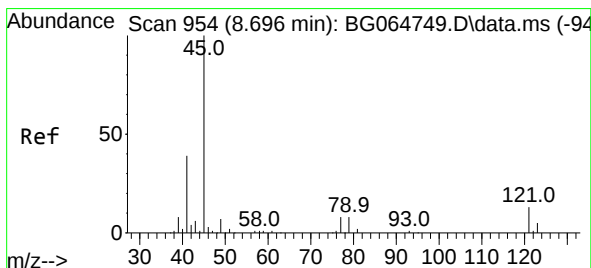
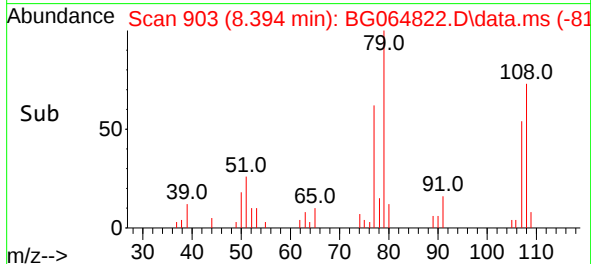
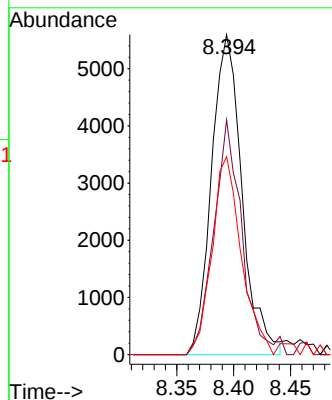
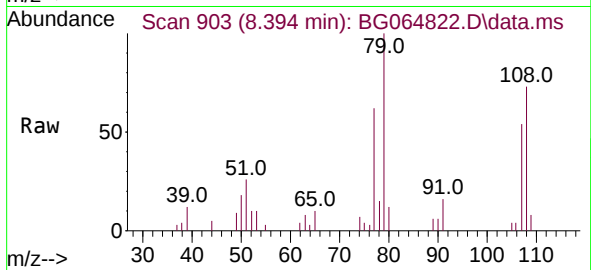
#15
Benzyl Alcohol
Concen: 3.322 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 79	Resp: 1042
Ion Ratio	Lower Upper
79 100	
108 73.3	62.3 93.5
77 61.8	53.5 80.3

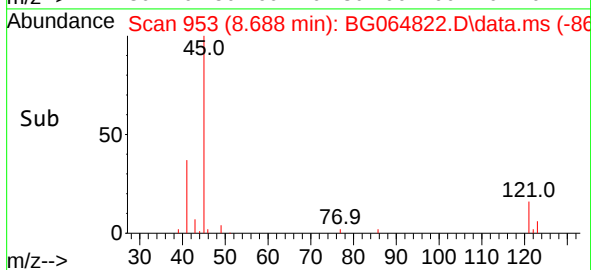
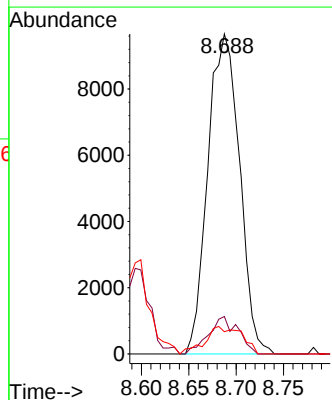
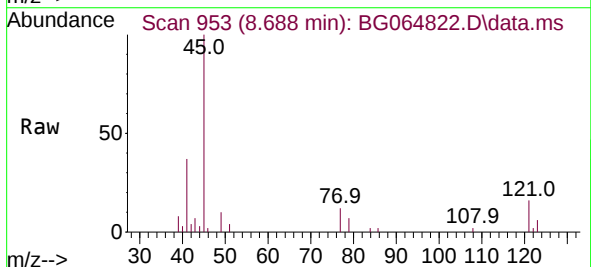
Manual Integrations
APPROVED

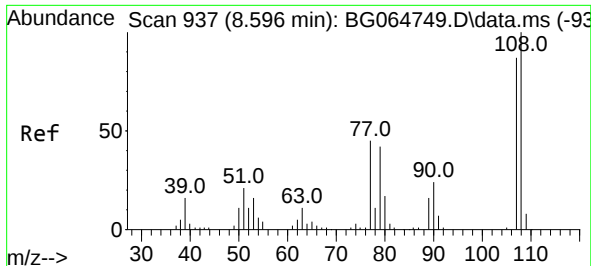
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.210 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

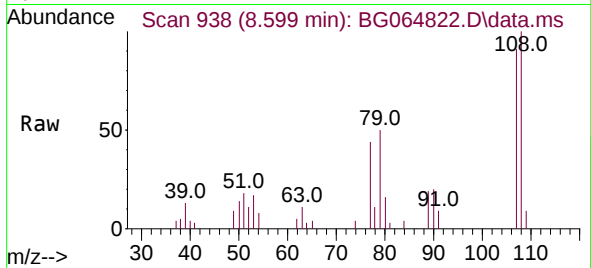
Tgt Ion: 45	Resp: 22481
Ion Ratio	Lower Upper
45 100	
77 11.7	0.0 28.8
79 6.9	0.0 28.1





#17
2-Methylphenol
Concen: 3.179 ng
RT: 8.599 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

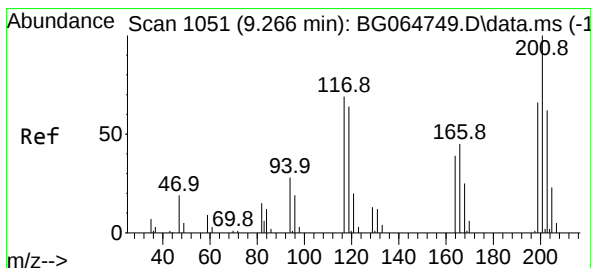
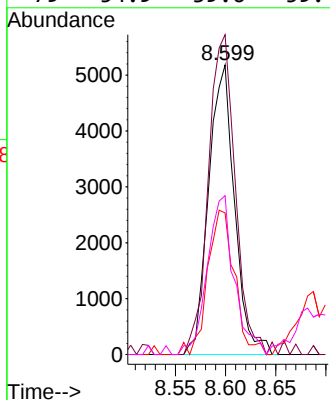
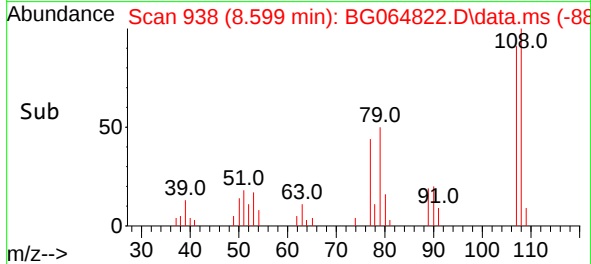
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



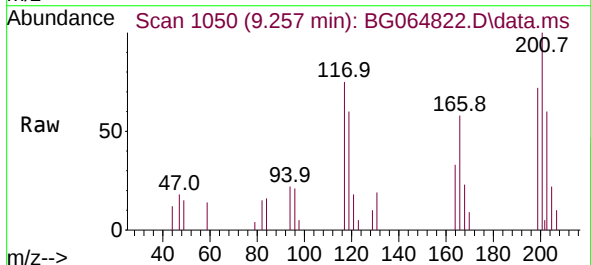
Tgt Ion:107 Resp: 935
Ion Ratio Lower Upper
107 100
108 110.4 92.6 138.8
77 48.9 41.2 61.8
79 54.9 39.6 59.4

Manual Integrations
APPROVED

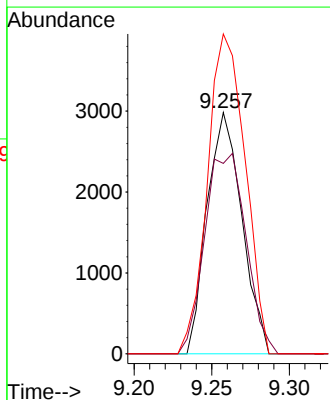
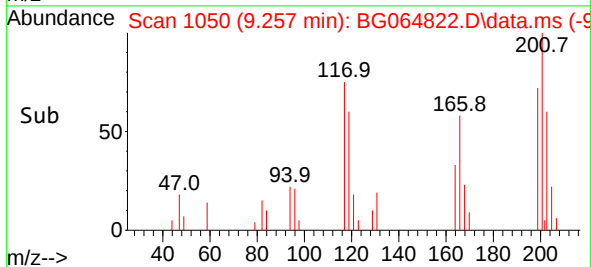
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

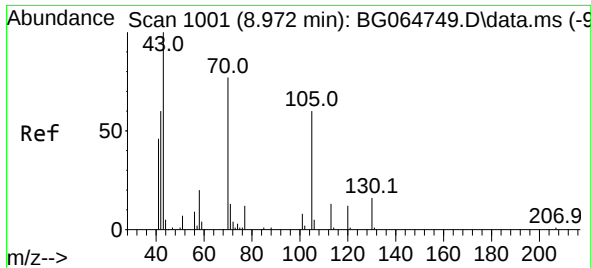


#18
Hexachloroethane
Concen: 3.344 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



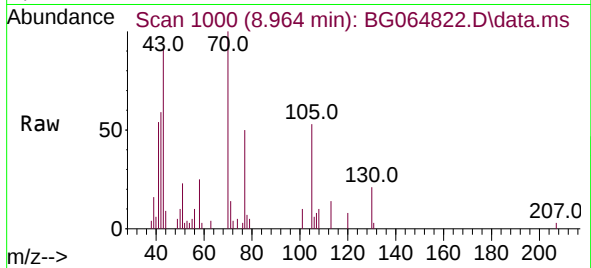
Tgt Ion:117 Resp: 4683
Ion Ratio Lower Upper
117 100
119 78.9 74.4 111.6
201 132.6 116.5 174.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.595 ng
RT: 8.964 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

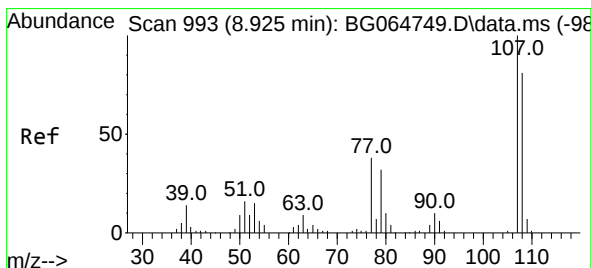
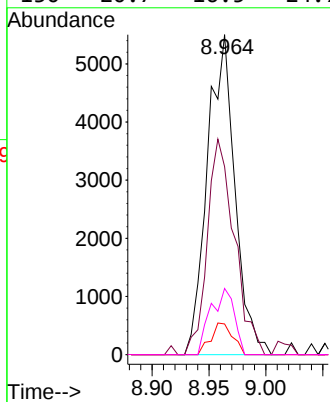
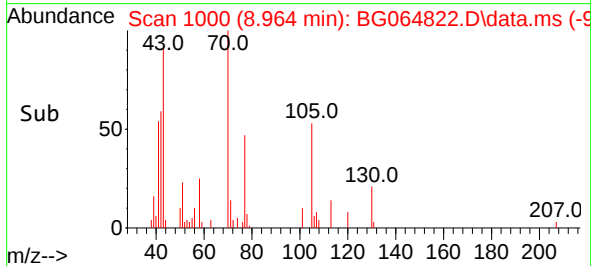
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 70 Resp: 929
Ion Ratio Lower Upper
70 100
42 58.7 62.6 93.8
101 9.6 8.0 12.0
130 20.7 16.5 24.7

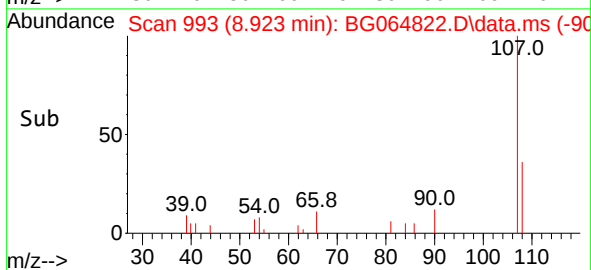
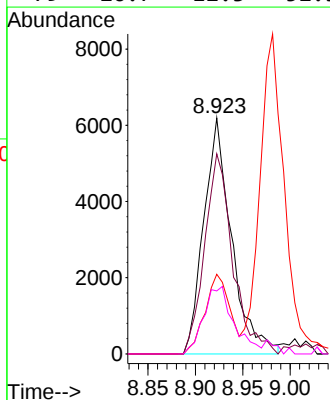
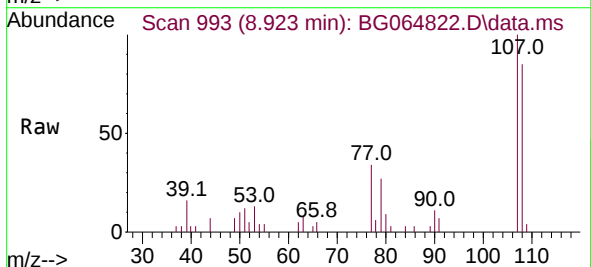
Manual Integrations
APPROVED

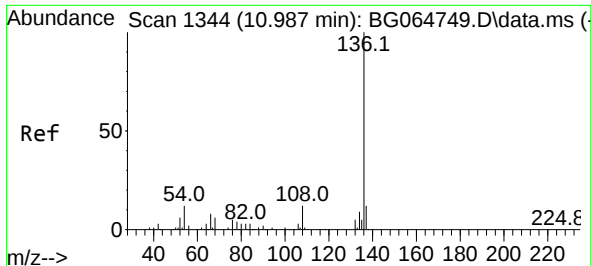
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#20
3+4-Methylphenols
Concen: 3.136 ng
RT: 8.923 min Scan# 993
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

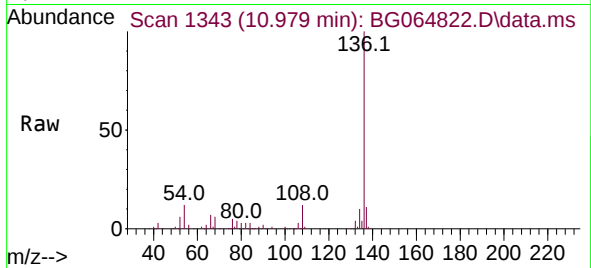
Tgt Ion:107 Resp: 12640
Ion Ratio Lower Upper
107 100
108 84.9 61.0 101.0
77 33.8 17.6 57.6
79 26.7 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1344
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

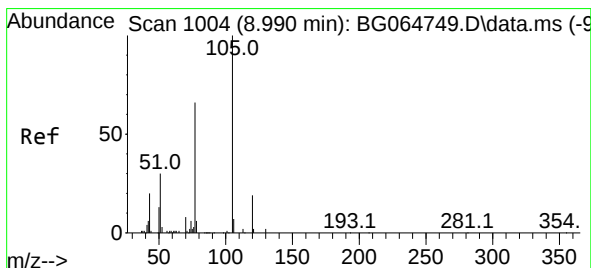
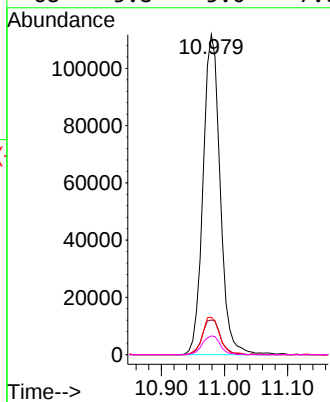
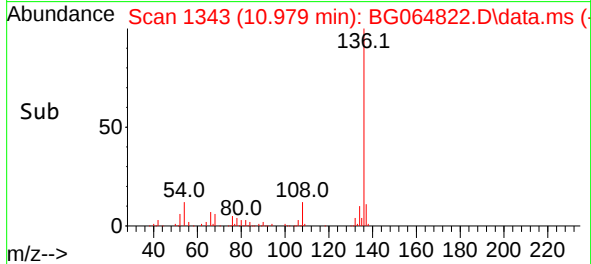
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:136 Resp: 210197
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 11.7 9.3 13.9
68 5.8 5.0 7.6

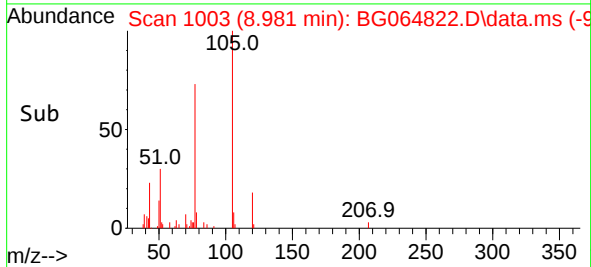
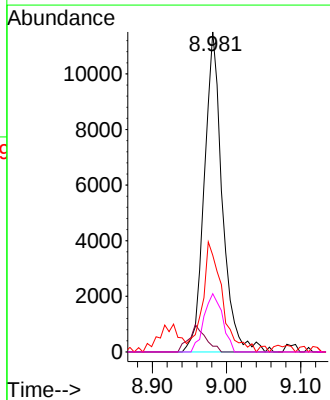
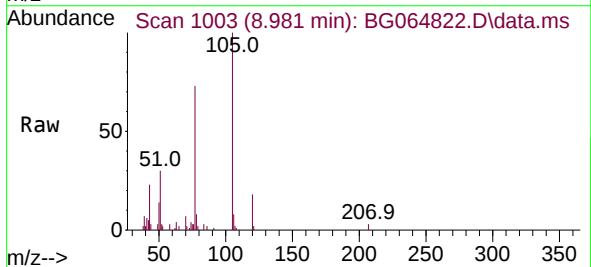
Manual Integrations
APPROVED

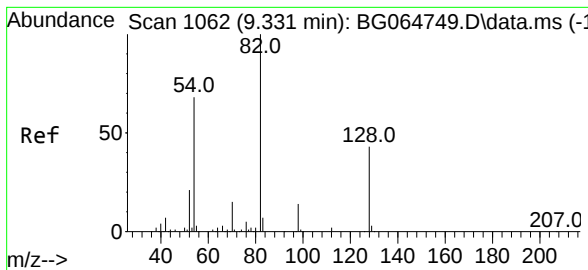
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#22
Acetophenone
Concen: 3.383 ng
RT: 8.981 min Scan# 1003
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

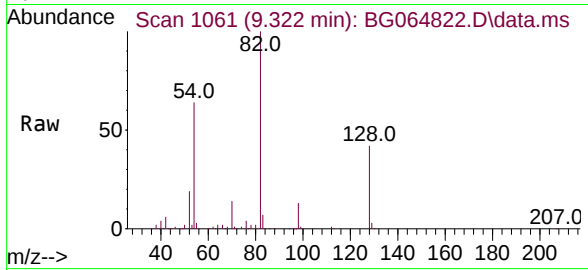
Tgt Ion:105 Resp: 19376
Ion Ratio Lower Upper
105 100
71 1.8 1.3 1.9
51 30.2 27.9 41.9
120 18.2 15.3 22.9





#23
Nitrobenzene-d5
Concen: 72.984 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

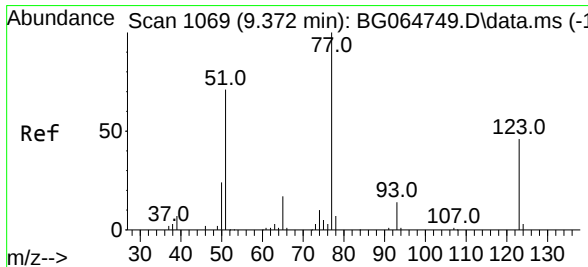
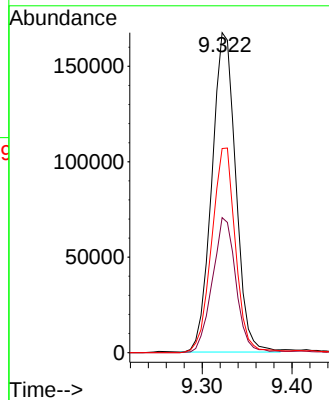
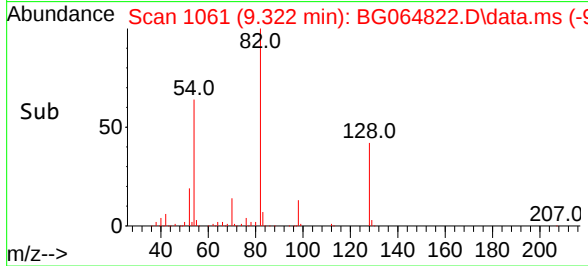
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



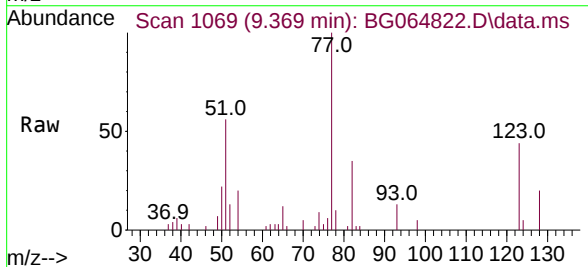
Tgt Ion: 82 Resp: 310276
Ion Ratio Lower Upper
82 100
128 42.2 34.1 51.1
54 63.8 54.3 81.5

Manual Integrations
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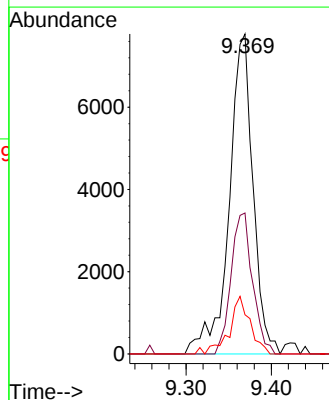
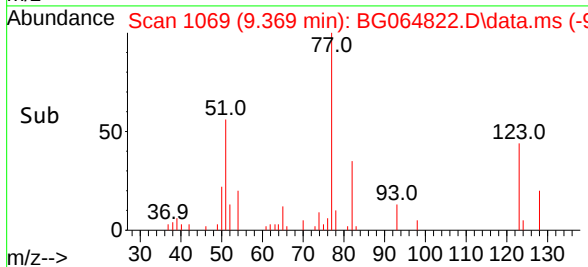
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

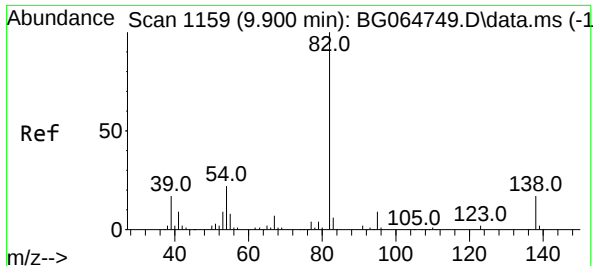


#24
Nitrobenzene
Concen: 3.518 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion: 77 Resp: 15114
Ion Ratio Lower Upper
77 100
123 44.0 36.5 54.7
65 12.2 13.5 20.3#





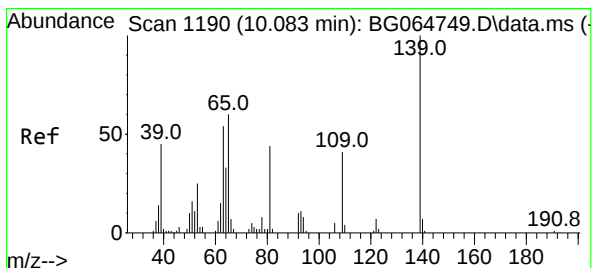
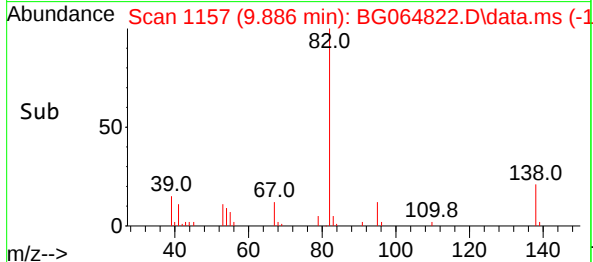
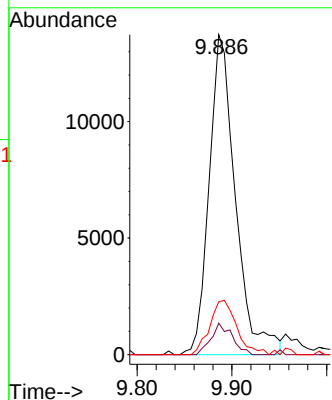
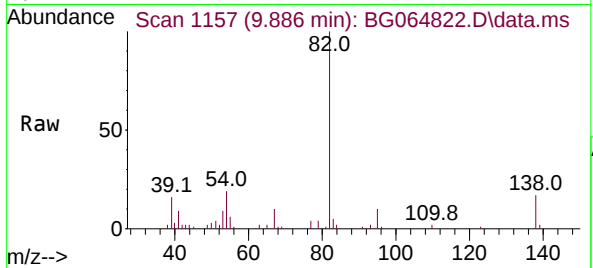
#25
Isophorone
Concen: 3.276 ng
RT: 9.886 min Scan# 1159
Delta R.T. -0.014 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 82 Resp: 2652
Ion Ratio Lower Upper
82 100
95 9.8 6.9 10.3
138 16.5 13.9 20.9

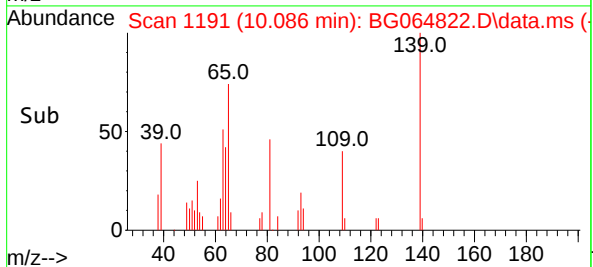
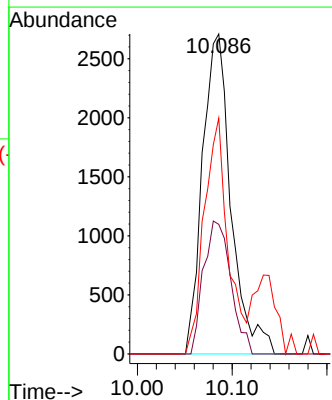
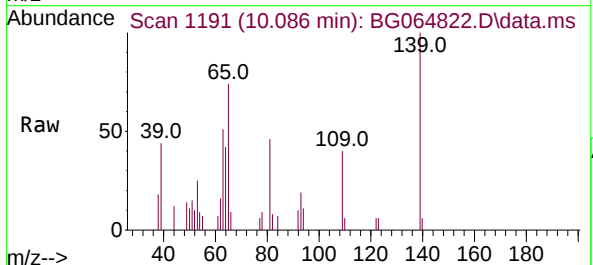
Manual Integrations
APPROVED

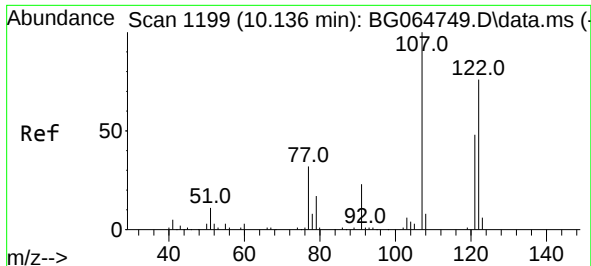
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#26
2-Nitrophenol
Concen: 2.933 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:139 Resp: 5666
Ion Ratio Lower Upper
139 100
109 40.5 32.5 48.7
65 73.7 47.6 71.4#





#27

2,4-Dimethylphenol

Concen: 3.196 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.003 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

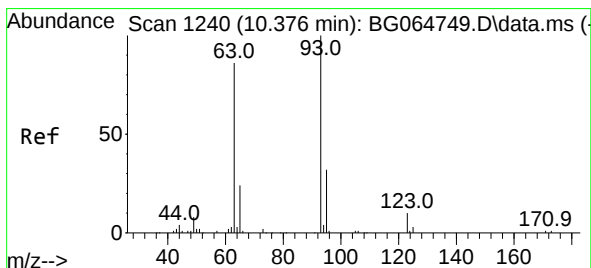
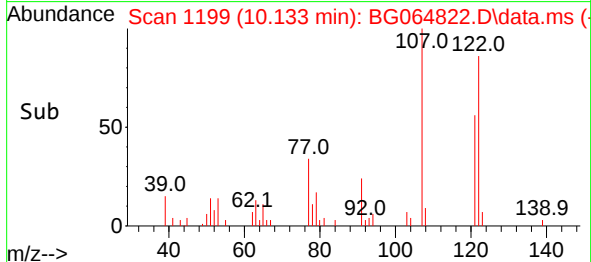
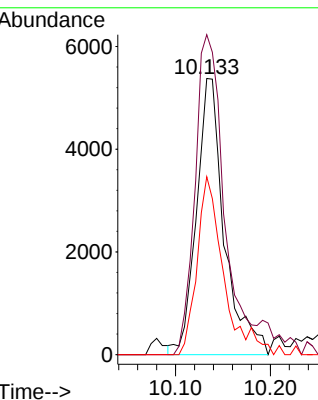
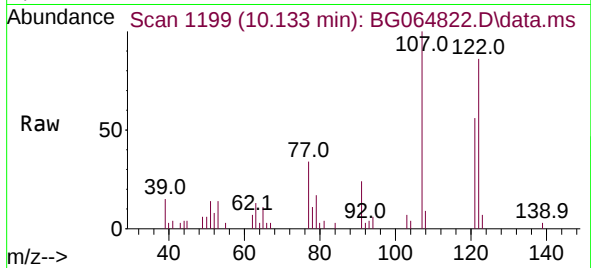
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	122	Resp:	10972
Ion Ratio	Lower	Upper	
122	100		
107	115.9	102.5	153.7
121	64.5	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 3.380 ng

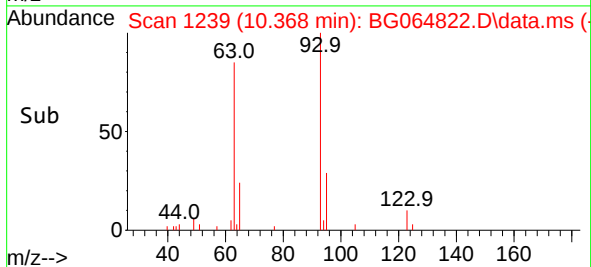
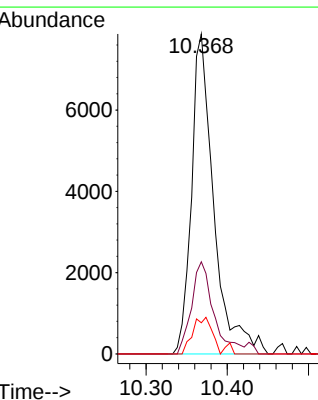
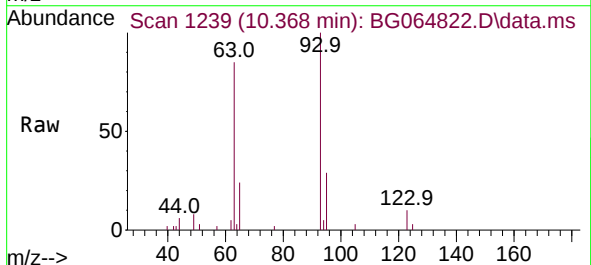
RT: 10.368 min Scan# 1239

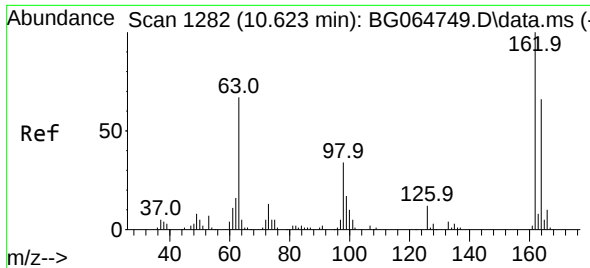
Delta R.T. -0.008 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

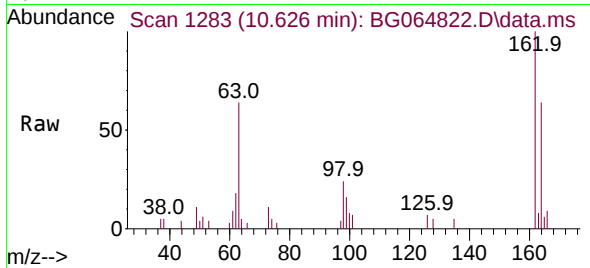
Tgt Ion:	93	Resp:	15021
Ion Ratio	Lower	Upper	
93	100		
95	28.8	25.4	38.2
123	9.7	8.1	12.1





#29
2,4-Dichlorophenol
Concen: 3.014 ng
RT: 10.626 min Scan# 1108
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

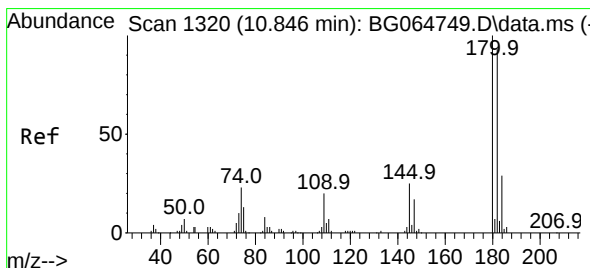
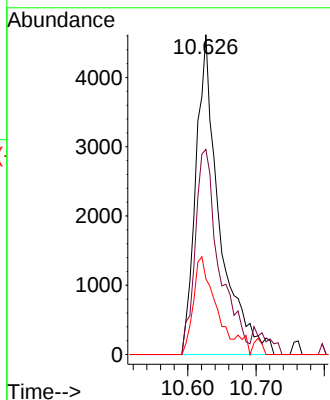
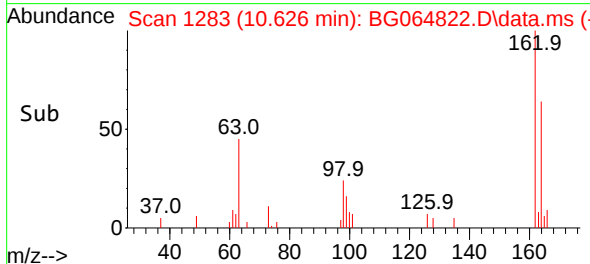
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



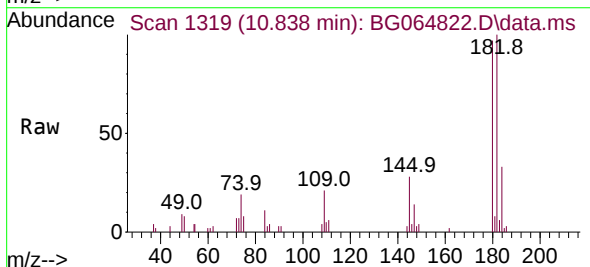
Tgt Ion:162 Resp: 11108
Ion Ratio Lower Upper
162 100
164 64.1 46.0 86.0
98 23.7 14.2 54.2

Manual Integrations
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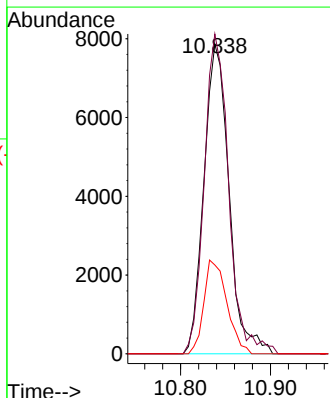
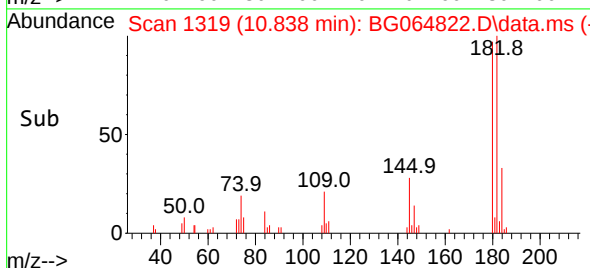
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

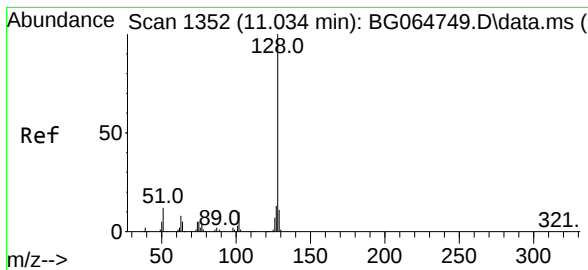


#30
1,2,4-Trichlorobenzene
Concen: 3.445 ng
RT: 10.838 min Scan# 1319
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



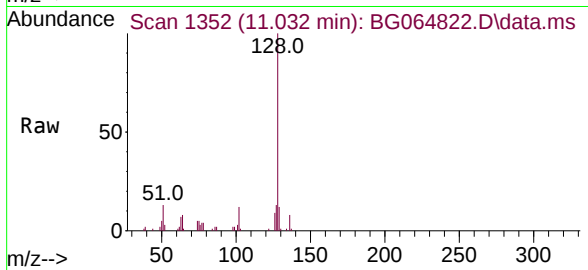
Tgt Ion:180 Resp: 15330
Ion Ratio Lower Upper
180 100
182 103.3 74.2 111.4
145 28.7 20.0 30.0





#31
Naphthalene
Concen: 3.367 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

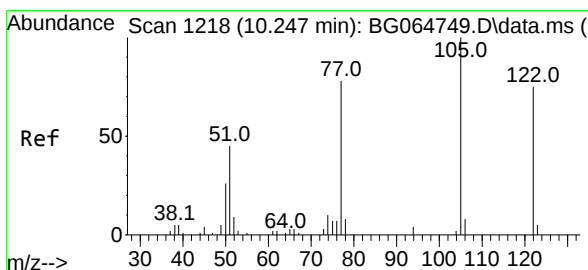
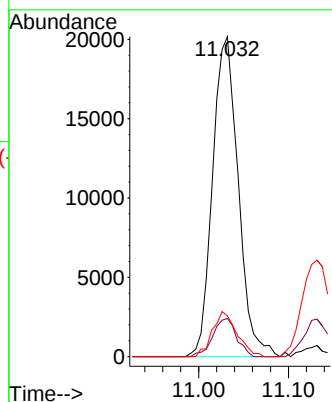
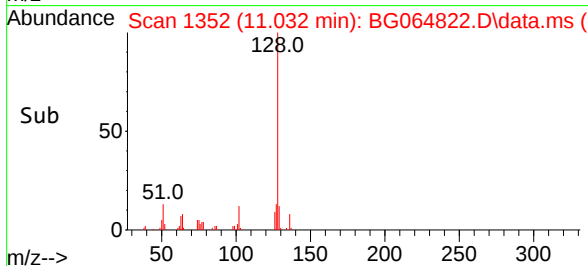
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



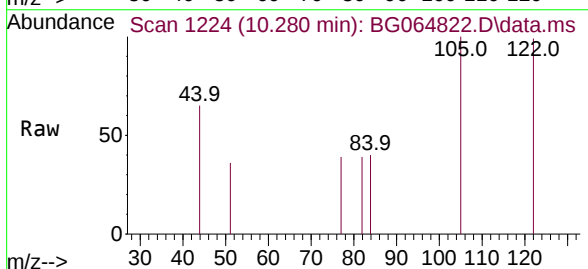
Tgt Ion:128 Resp: 40125
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 12.7 10.6 16.0

Manual Integrations
APPROVED

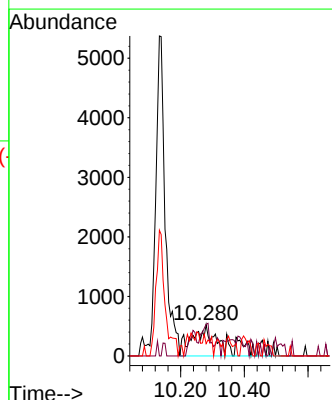
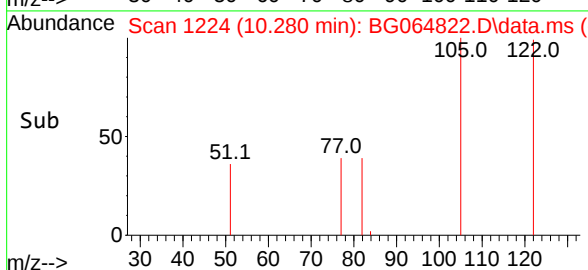
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

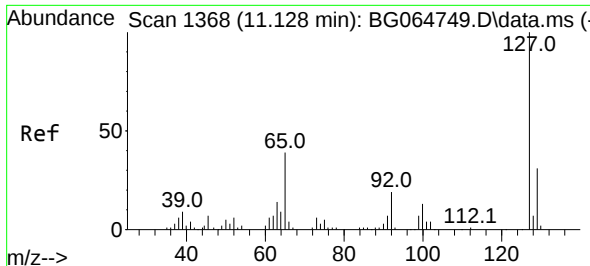


#32
Benzoic acid
Concen: 1.834 ng m
RT: 10.280 min Scan# 1224
Delta R.T. 0.033 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



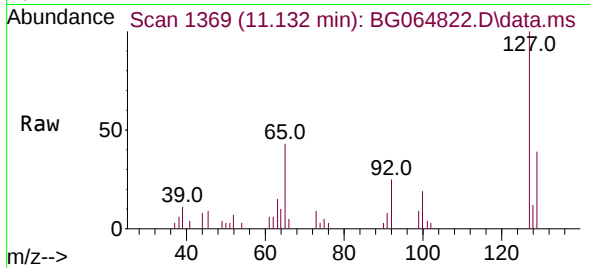
Tgt Ion:122 Resp: 3950
Ion Ratio Lower Upper
122 100
105 101.0 107.6 147.6#
77 39.4 82.5 122.5#





#33
4-Chloroaniline
Concen: 3.157 ng
RT: 11.132 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

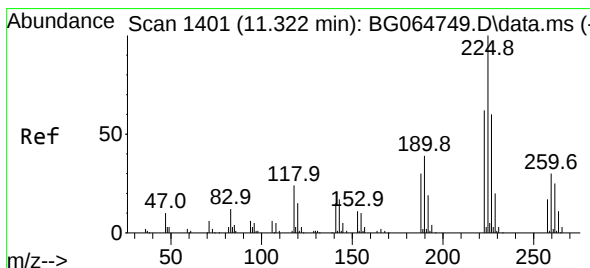
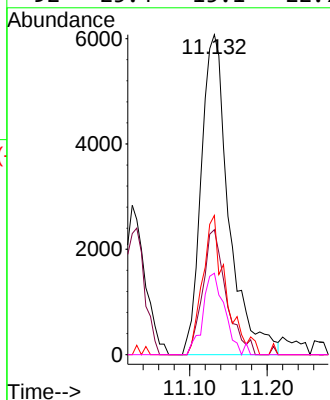
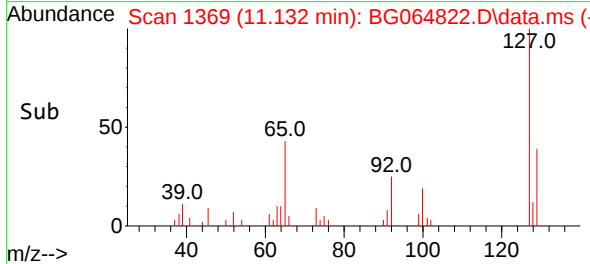
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



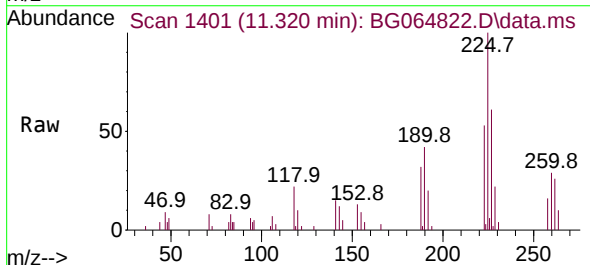
Tgt Ion:127 Resp: 15048
Ion Ratio Lower Upper
127 100
129 39.0 24.9 37.3
65 43.5 30.9 46.3
92 25.4 15.1 22.7#

Manual Integrations
APPROVED

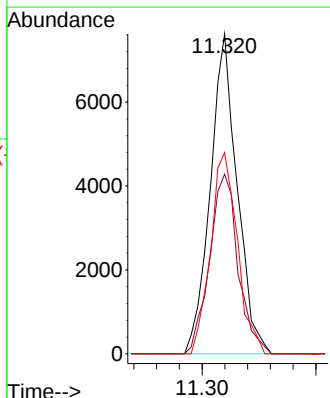
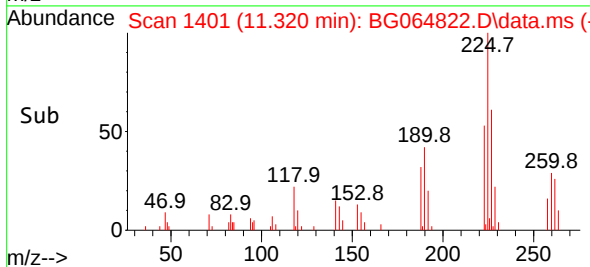
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

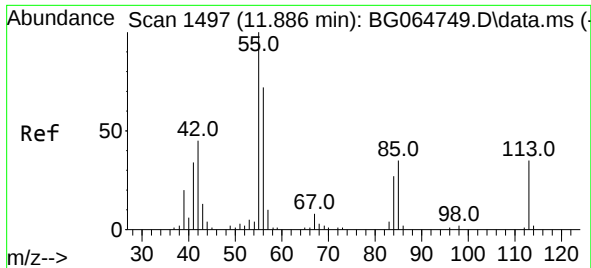


#34
Hexachlorobutadiene
Concen: 3.273 ng
RT: 11.320 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



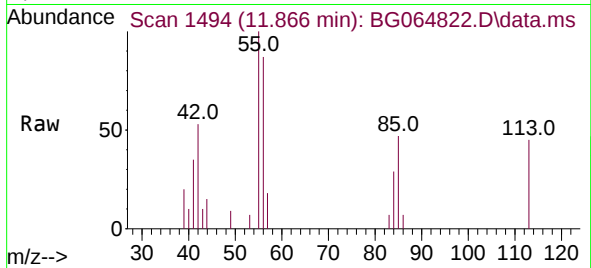
Tgt Ion:225 Resp: 12496
Ion Ratio Lower Upper
225 100
223 52.9 49.9 74.9
227 59.2 50.6 75.8





#35
Caprolactam
Concen: 2.539 ng
RT: 11.866 min Scan# 1497
Delta R.T. -0.020 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

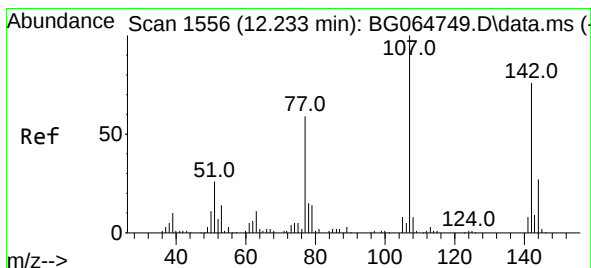
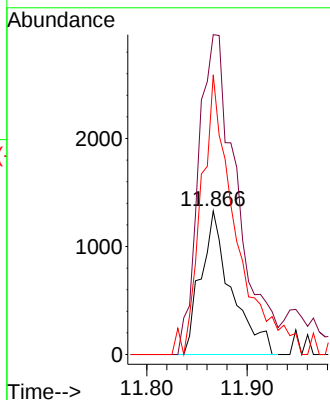
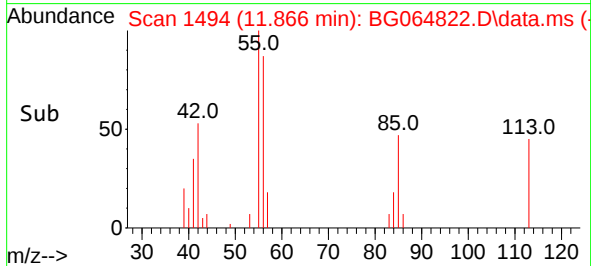
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



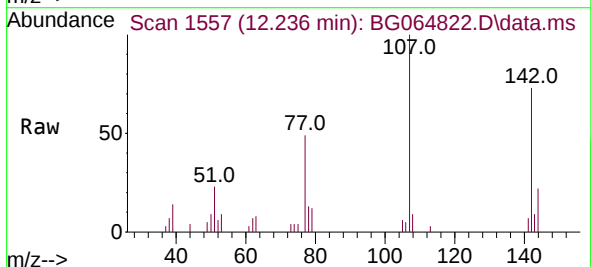
Tgt Ion:113 Resp: 2799
Ion Ratio Lower Upper
113 100
55 222.9 263.7 303.7
56 194.9 184.0 224.0

Manual Integrations
APPROVED

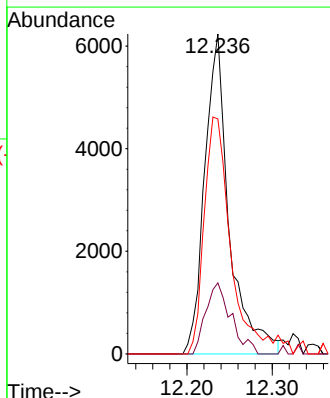
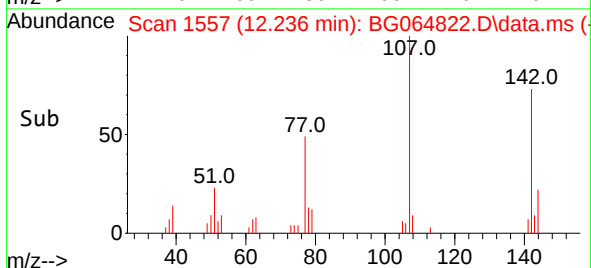
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

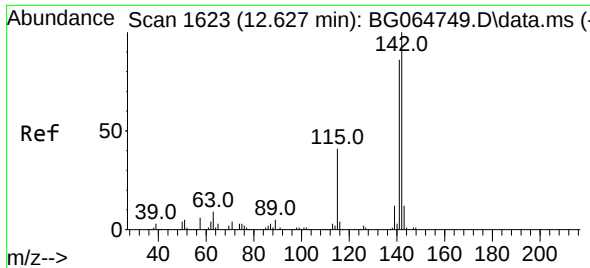


#36
4-Chloro-3-methylphenol
Concen: 3.032 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion:107 Resp: 12438
Ion Ratio Lower Upper
107 100
144 22.2 21.7 32.5
142 73.4 60.8 91.2





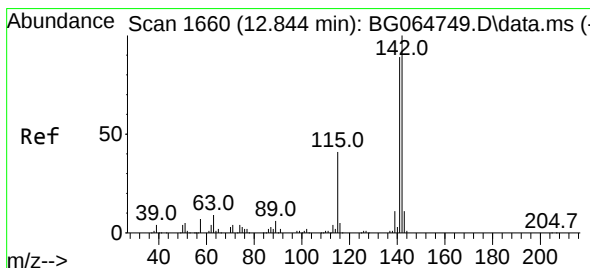
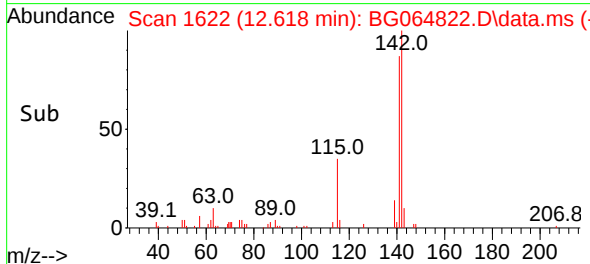
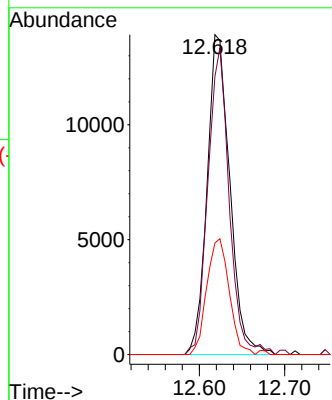
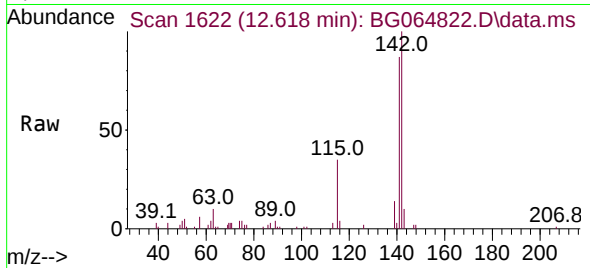
#37
2-Methylnaphthalene
Concen: 2.895 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:142 Resp: 25810
Ion Ratio Lower Upper
142 100
141 86.9 69.1 103.7
115 34.9 32.9 49.3

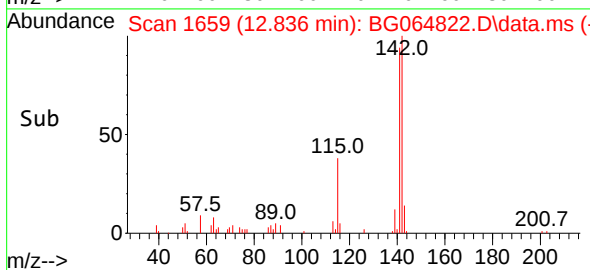
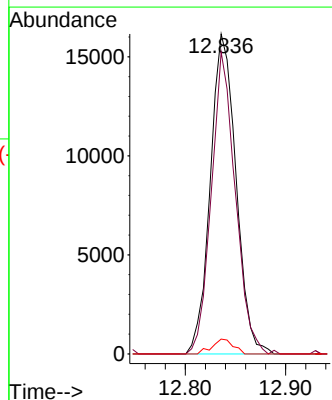
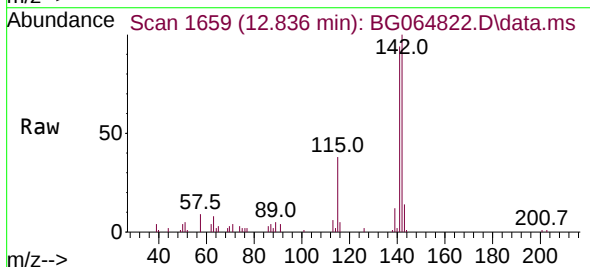
Manual Integrations
APPROVED

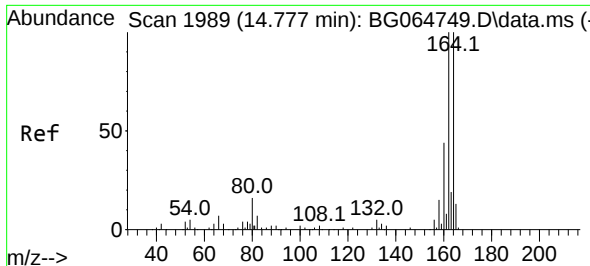
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#38
1-Methylnaphthalene
Concen: 3.243 ng
RT: 12.836 min Scan# 1659
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

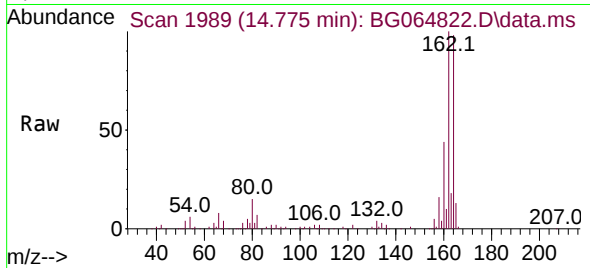
Tgt Ion:142 Resp: 28728
Ion Ratio Lower Upper
142 100
141 94.3 70.8 106.2
116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

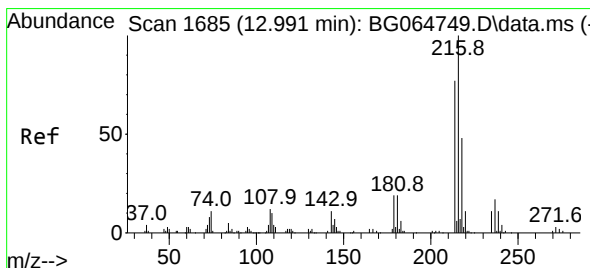
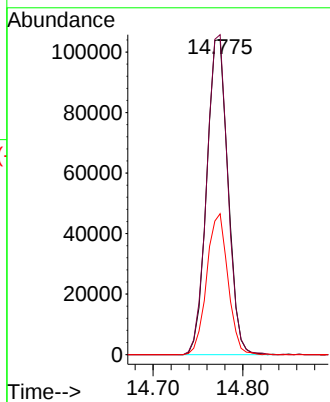
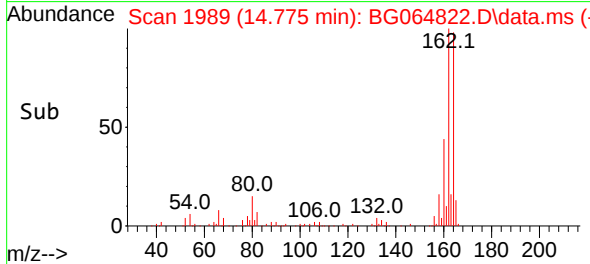
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



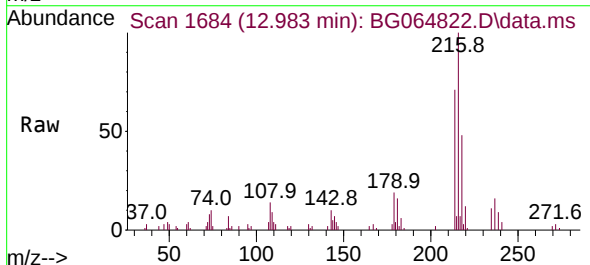
Tgt Ion:164 Resp: 171686
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.6
160 44.8 34.9 52.3

Manual Integrations
APPROVED

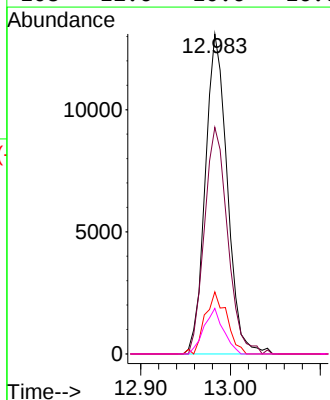
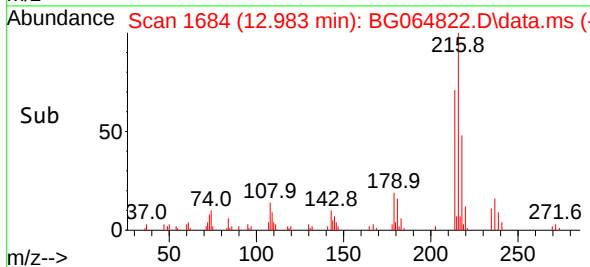
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

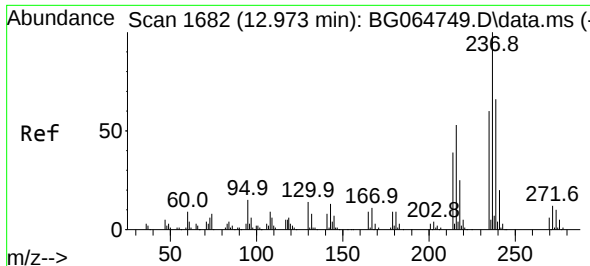


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.341 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



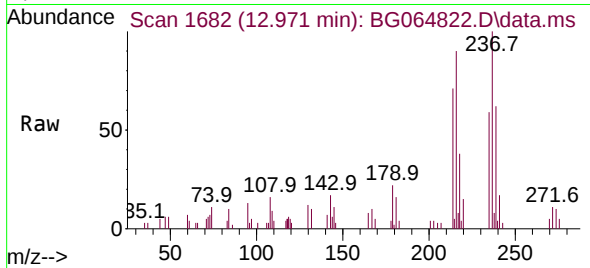
Tgt Ion:216 Resp: 22320
Ion Ratio Lower Upper
216 100
214 74.7 60.5 90.7
179 19.1 14.7 22.1
108 12.6 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 2.176 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

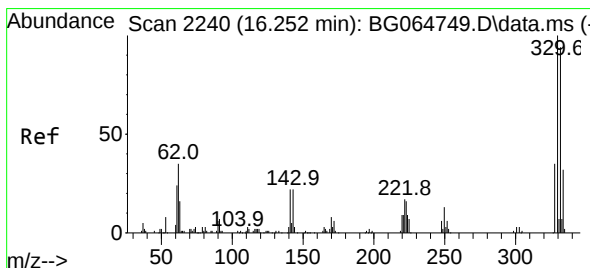
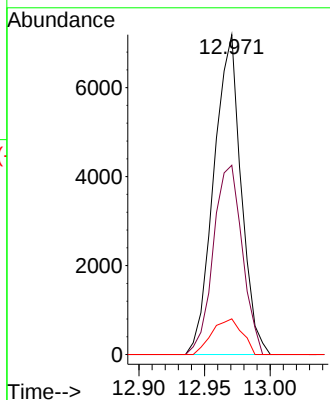
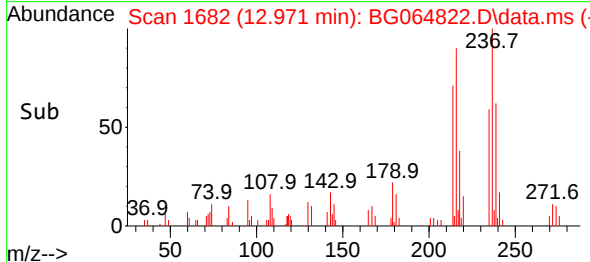
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



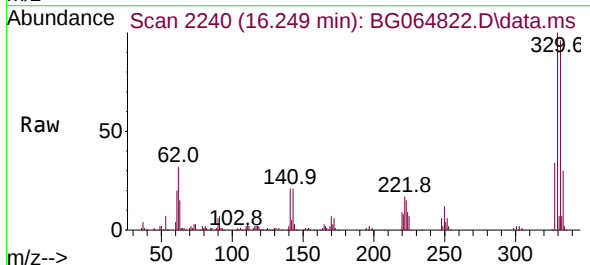
Tgt Ion: 237 Resp: 10422
Ion Ratio Lower Upper
237 100
235 59.2 40.2 80.2
272 11.2 0.0 31.9

Manual Integrations
APPROVED

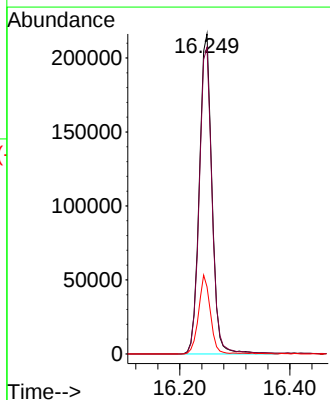
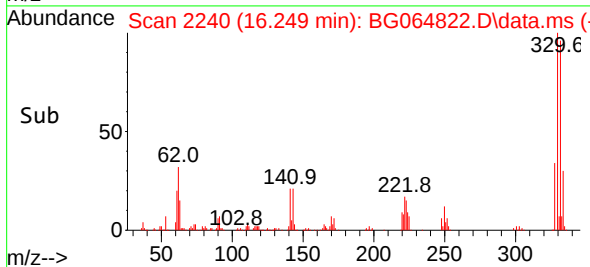
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

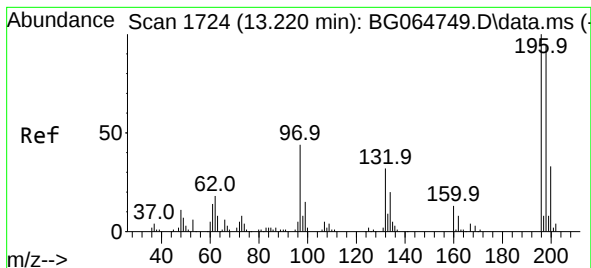


#42
2,4,6-Tribromophenol
Concen: 102.218 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion: 330 Resp: 342266
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 22.8 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 3.065 ng

RT: 13.212 min Scan# 1724

Delta R.T. -0.008 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

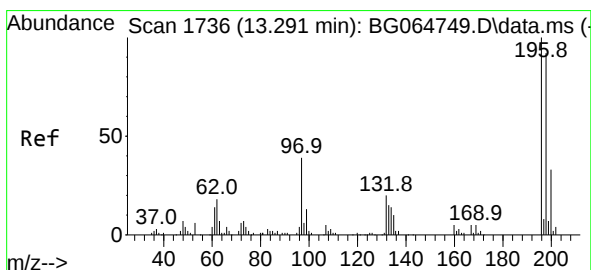
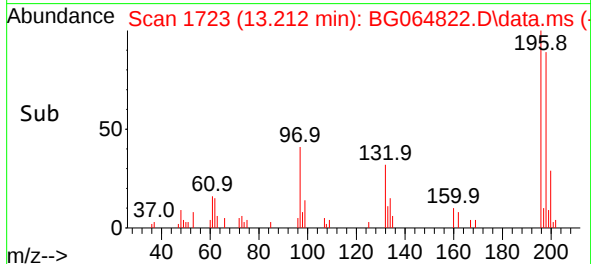
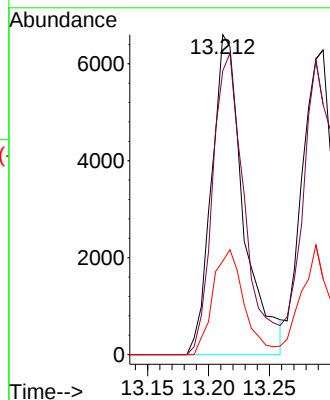
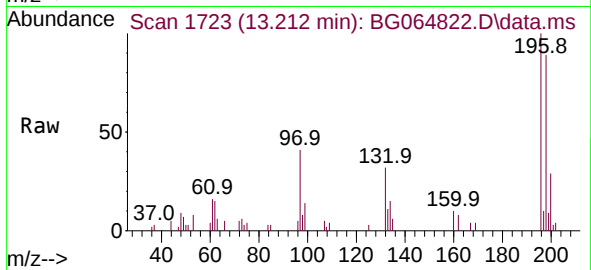
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:196	Resp:	12020
Ion Ratio	Lower	Upper
196	100	
198	88.7	75.3 112.9
200	29.2	26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#44

2,4,5-Trichlorophenol

Concen: 2.898 ng

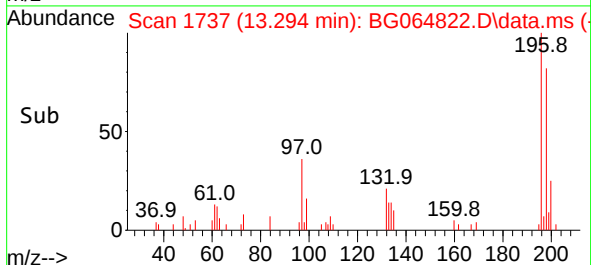
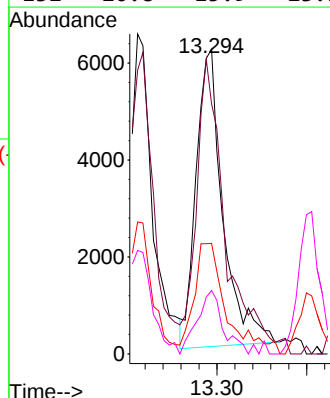
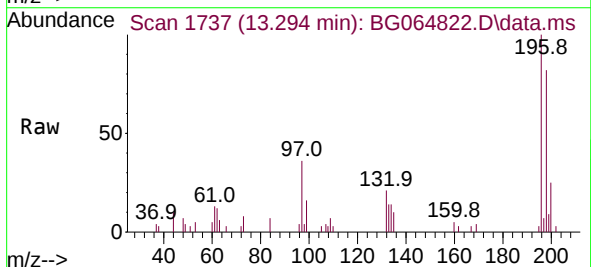
RT: 13.294 min Scan# 1737

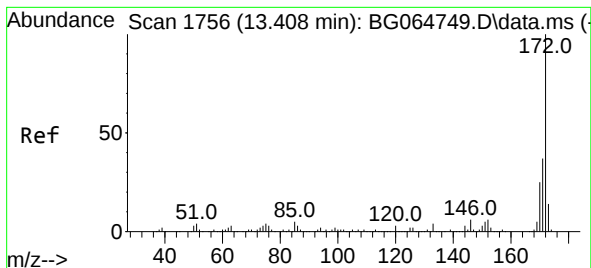
Delta R.T. 0.003 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

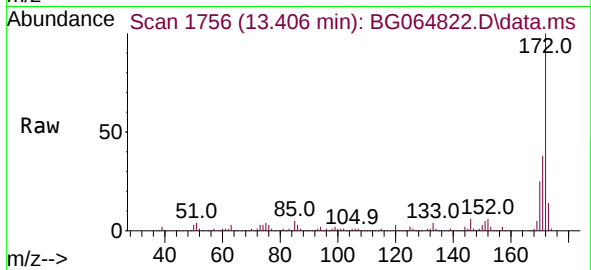
Tgt Ion:196	Resp:	12747
Ion Ratio	Lower	Upper
196	100	
198	82.1	73.2 109.8
97	36.3	31.4 47.0
132	20.8	15.9 23.9





#45
2-Fluorobiphenyl
Concen: 73.319 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

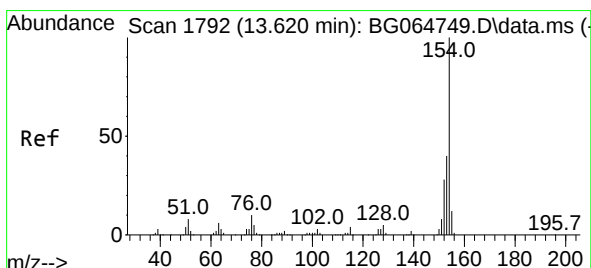
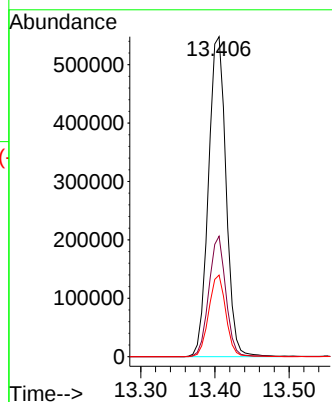
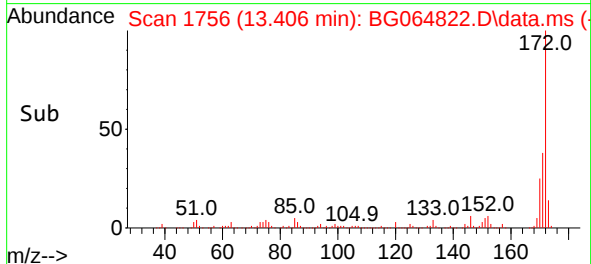
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



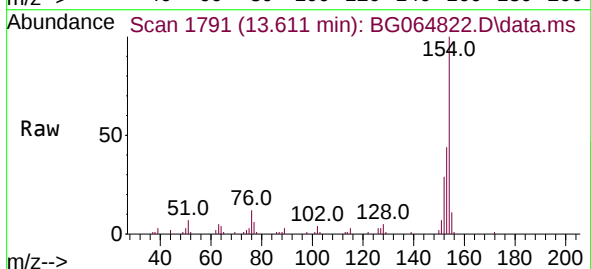
Tgt Ion:172 Resp: 902137
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.5 19.8 29.6

Manual Integrations
APPROVED

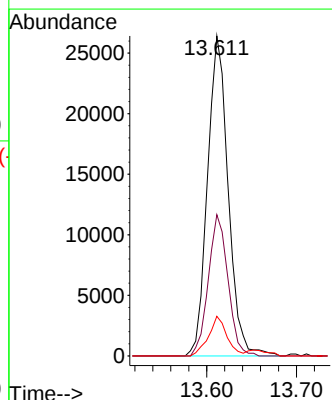
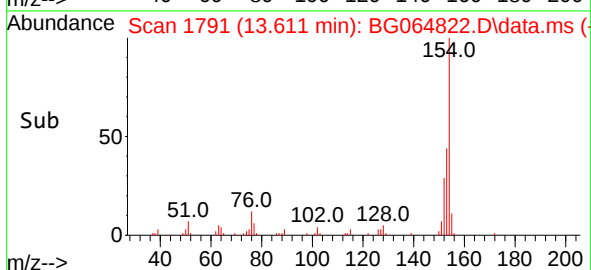
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

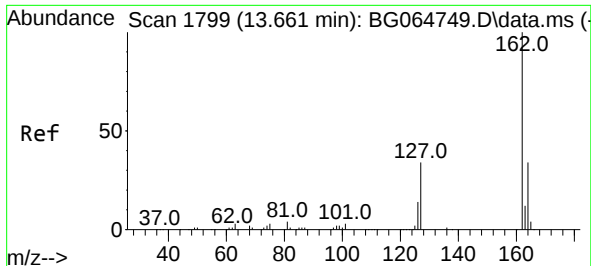


#46
1,1'-Biphenyl
Concen: 3.431 ng
RT: 13.611 min Scan# 1791
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



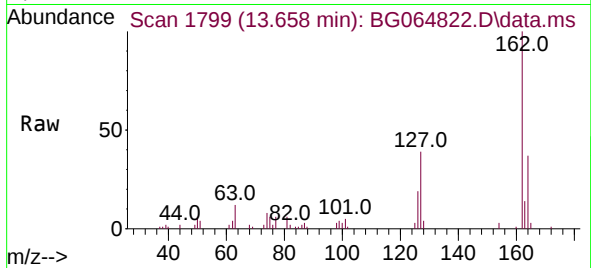
Tgt Ion:154 Resp: 42314
Ion Ratio Lower Upper
154 100
153 44.1 19.8 59.8
76 12.4 0.0 30.0





#47
2-Chloronaphthalene
Concen: 3.390 ng
RT: 13.658 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

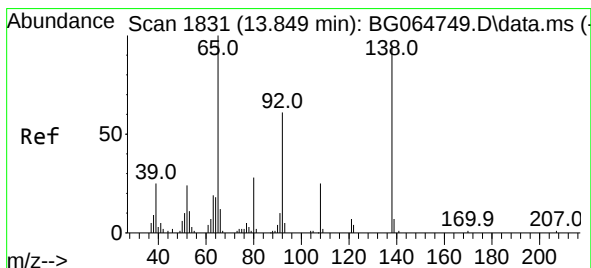
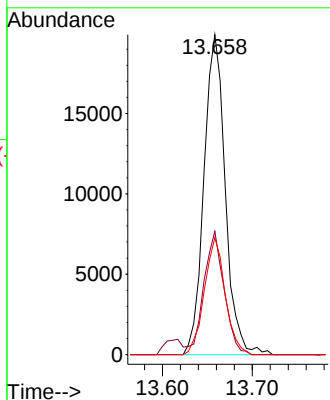
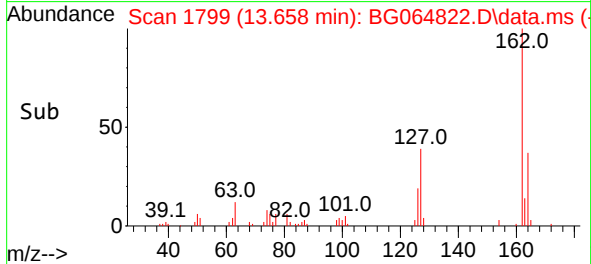
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



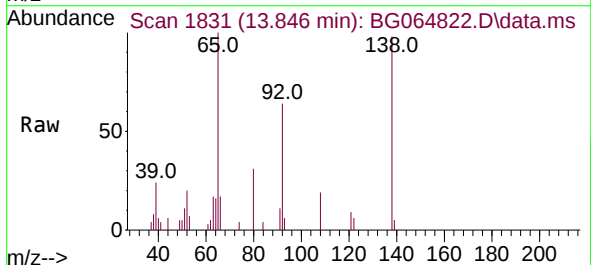
Tgt Ion:162 Resp: 32935
Ion Ratio Lower Upper
162 100
127 38.5 30.3 45.5
164 36.6 26.8 40.2

Manual Integrations
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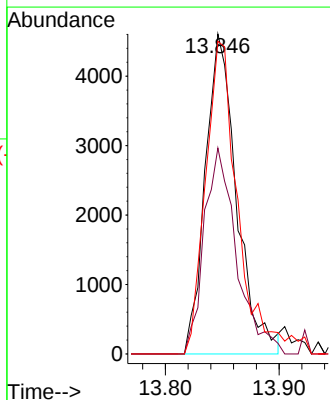
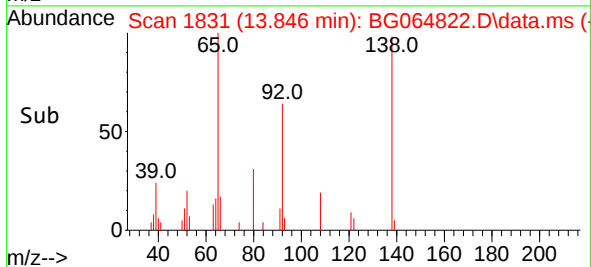
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

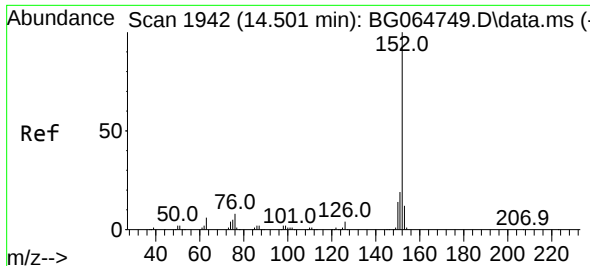


#48
2-Nitroaniline
Concen: 2.821 ng
RT: 13.846 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



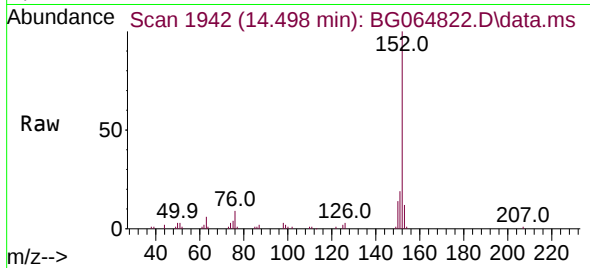
Tgt Ion: 65 Resp: 8815
Ion Ratio Lower Upper
65 100
92 64.3 48.6 73.0
138 97.7 76.4 114.6





#49
Acenaphthylene
Concen: 3.280 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

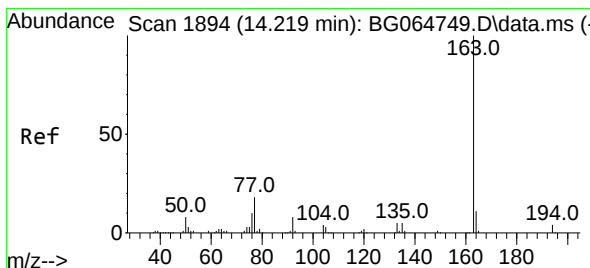
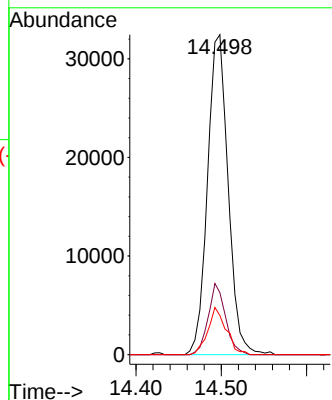
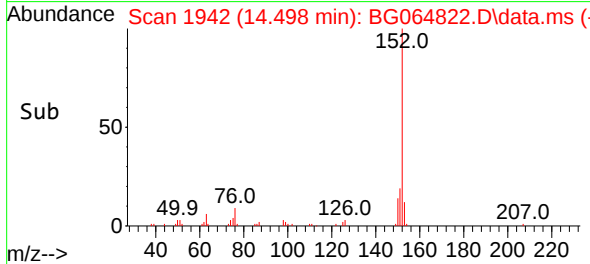
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



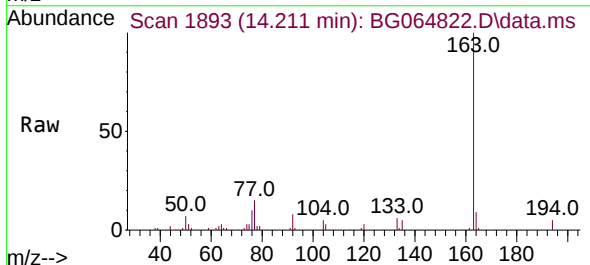
Tgt Ion:152 Resp: 54432
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.4
153 12.3 9.9 14.9

Manual Integrations
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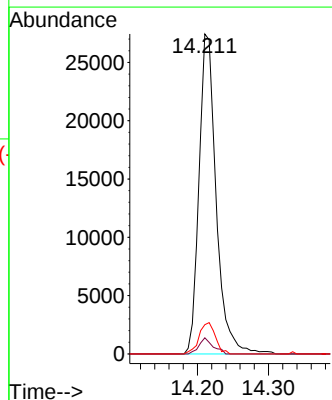
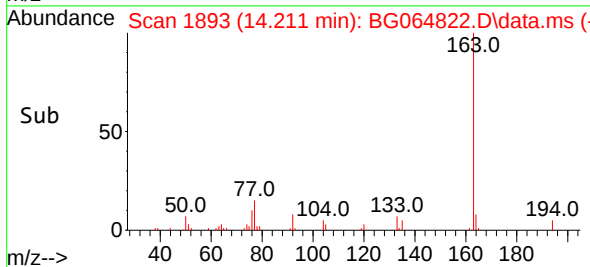
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

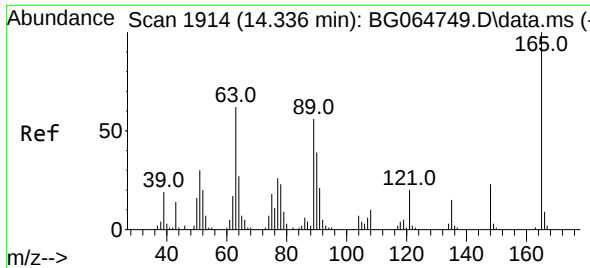


#50
Dimethylphthalate
Concen: 3.384 ng
RT: 14.211 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion:163 Resp: 45891
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 9.1 8.6 12.8





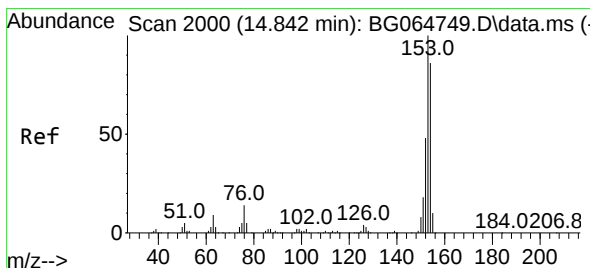
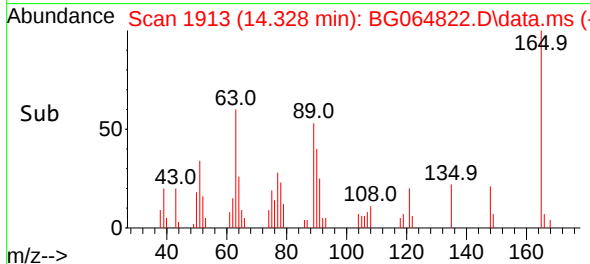
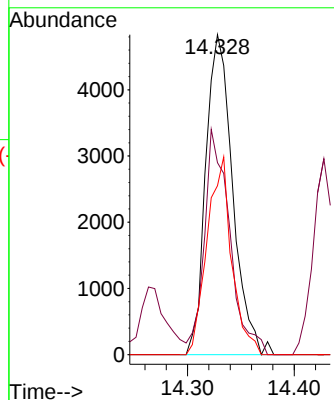
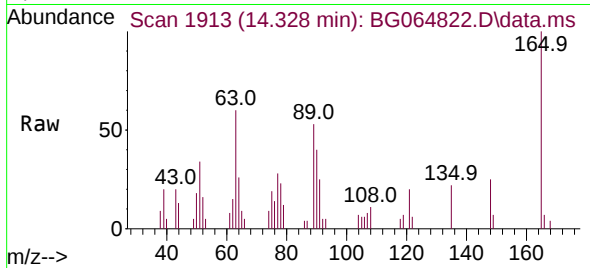
#51
2,6-Dinitrotoluene
Concen: 3.245 ng
RT: 14.328 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:165 Resp: 8468
Ion Ratio Lower Upper
165 100
63 60.0 49.8 74.8
89 52.8 45.0 67.4

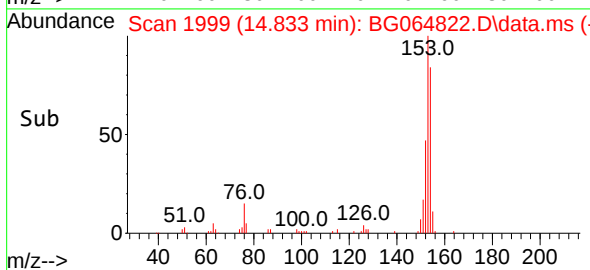
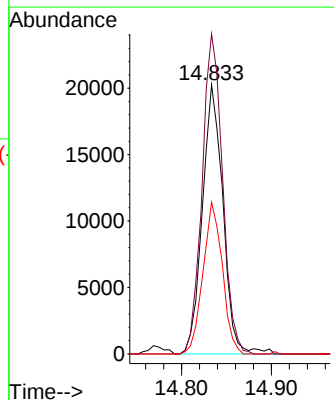
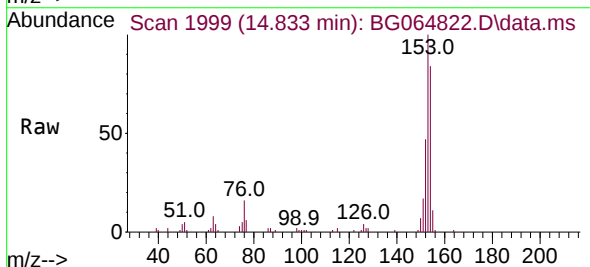
Manual Integrations
APPROVED

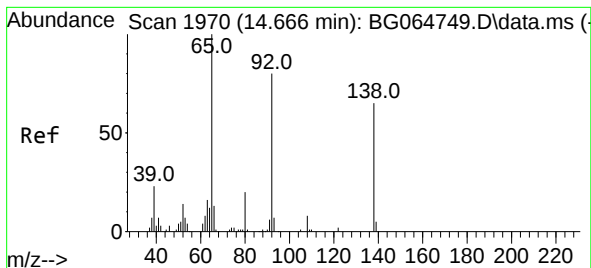
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#52
Acenaphthene
Concen: 3.238 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

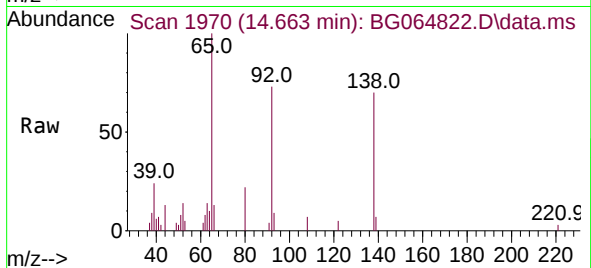
Tgt Ion:154 Resp: 32219
Ion Ratio Lower Upper
154 100
153 119.0 93.0 139.4
152 56.4 44.4 66.6





#53
3-Nitroaniline
Concen: 3.050 ng
RT: 14.663 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

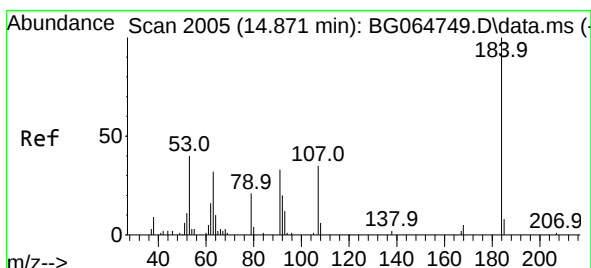
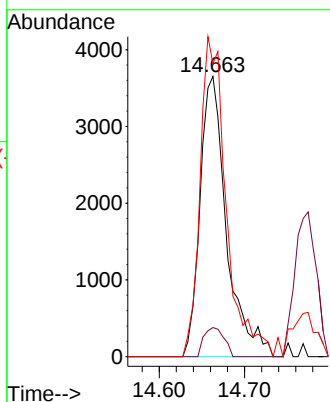
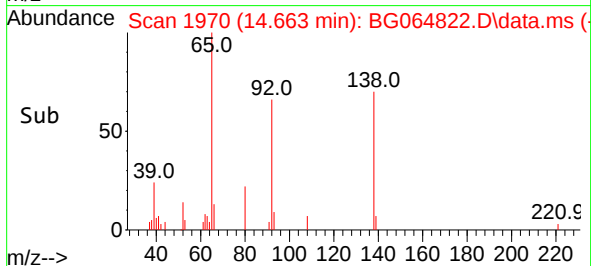
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



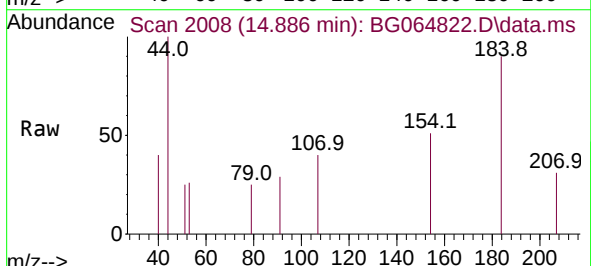
Tgt Ion:138 Resp: 785
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 104.5 99.0 148.4

Manual Integrations
APPROVED

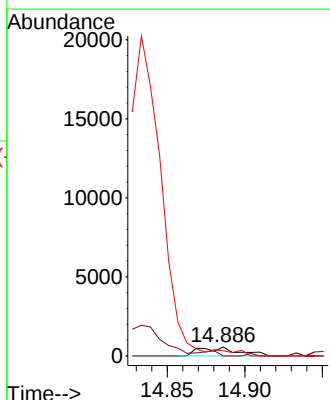
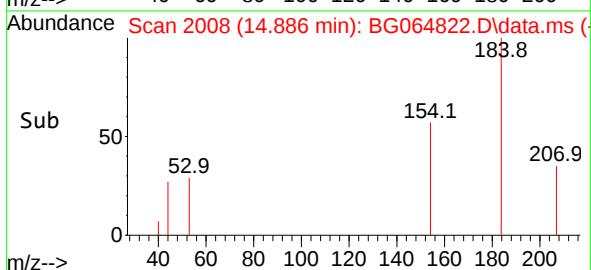
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

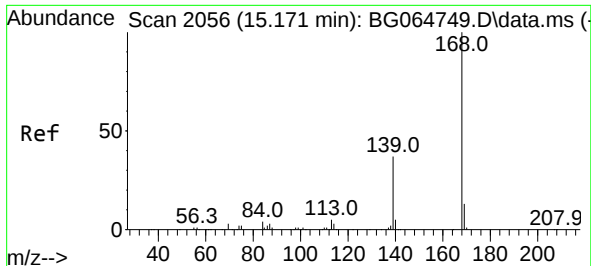


#54
2,4-Dinitrophenol
Concen: 0.703 ng
RT: 14.886 min Scan# 2008
Delta R.T. 0.015 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



Tgt Ion:184 Resp: 956
Ion Ratio Lower Upper
184 100
63 0.0 45.8 68.6#
154 57.0 52.6 78.8





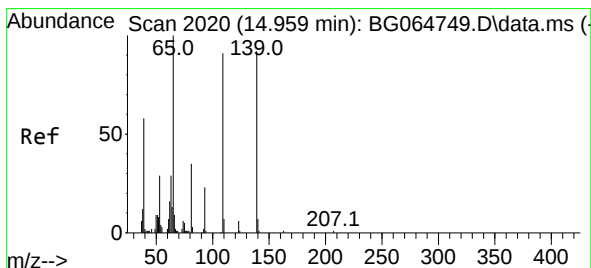
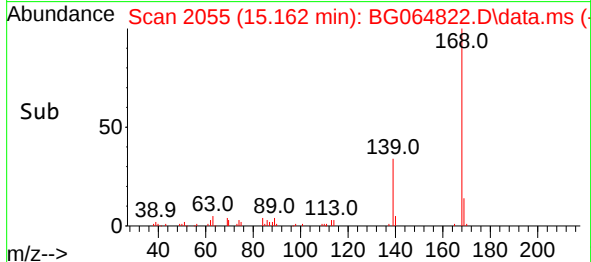
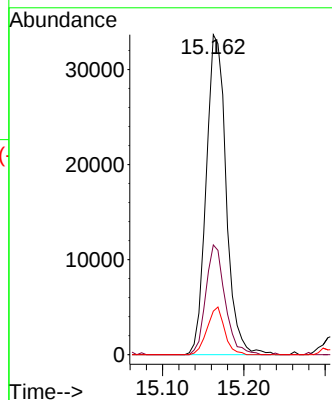
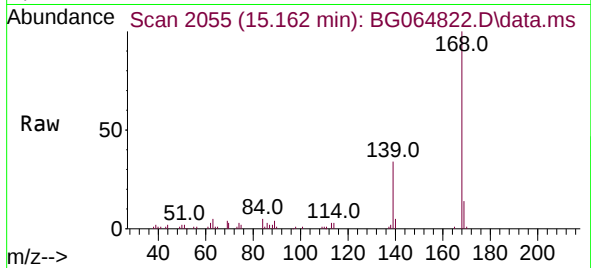
#55
Dibenzenofuran
Concen: 3.489 ng
RT: 15.162 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:168 Resp: 57404
Ion Ratio Lower Upper
168 100
139 34.3 29.5 44.3
169 13.6 10.4 15.6

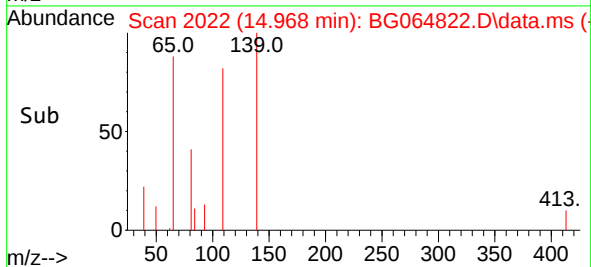
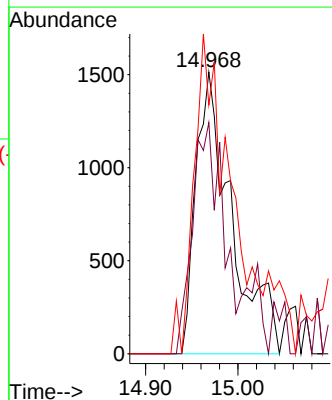
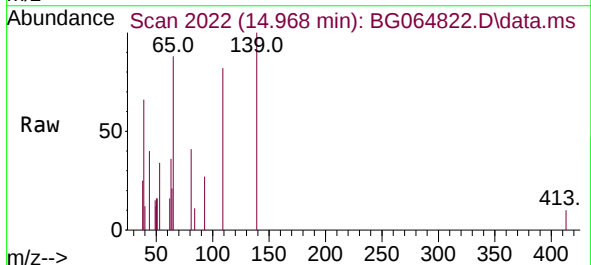
Manual Integrations
APPROVED

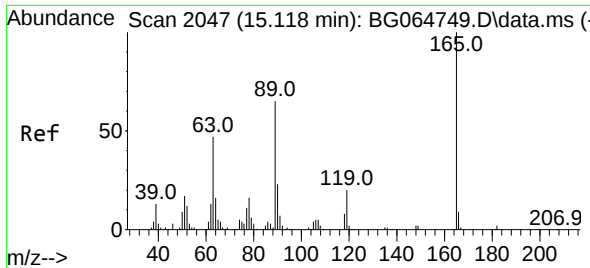
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#56
4-Nitrophenol
Concen: 1.988 ng m
RT: 14.968 min Scan# 2022
Delta R.T. 0.009 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

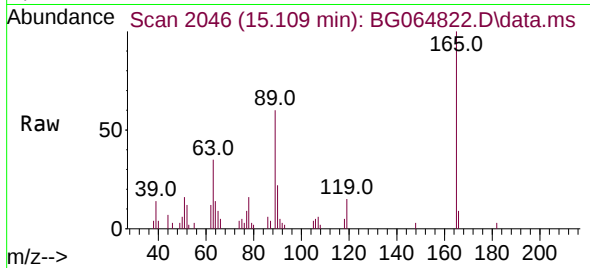
Tgt Ion:139 Resp: 4062
Ion Ratio Lower Upper
139 100
109 82.0 79.7 119.7
65 88.3 89.9 129.9#





#57
2,4-Dinitrotoluene
Concen: 3.199 ng
RT: 15.109 min Scan# 2047
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

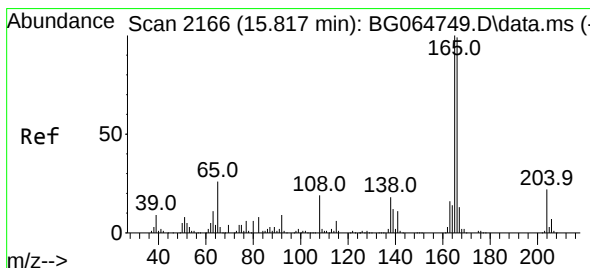
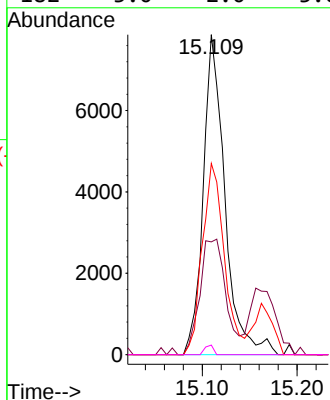
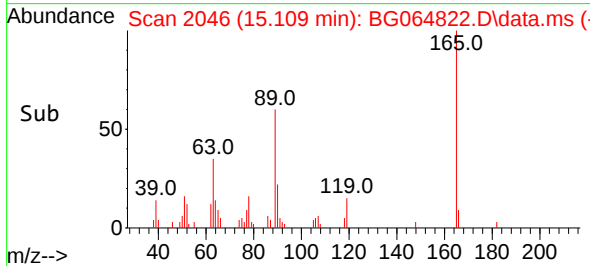
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:165 Resp: 12517
Ion Ratio Lower Upper
165 100
63 35.2 37.8 56.6
89 59.7 51.6 77.4
182 3.0 2.0 3.0

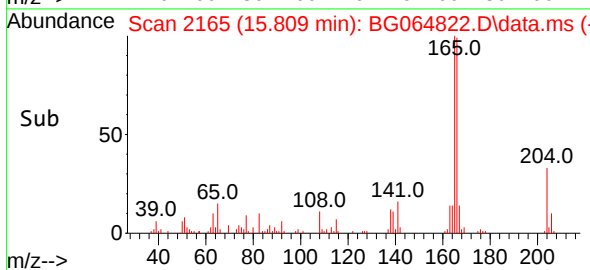
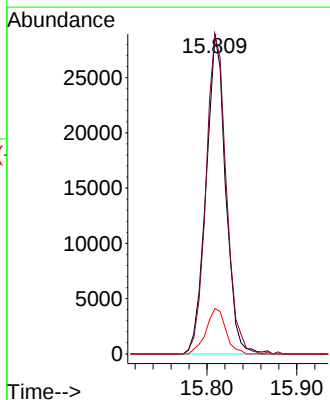
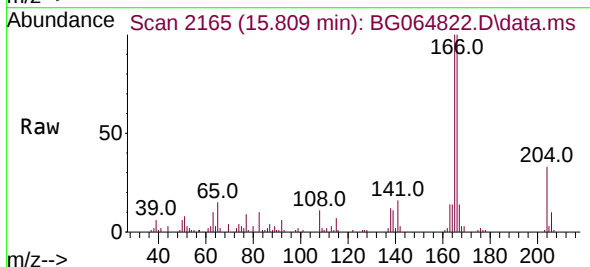
Manual Integrations
APPROVED

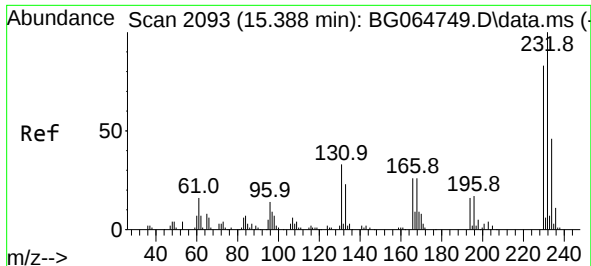
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#58
Fluorene
Concen: 3.413 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

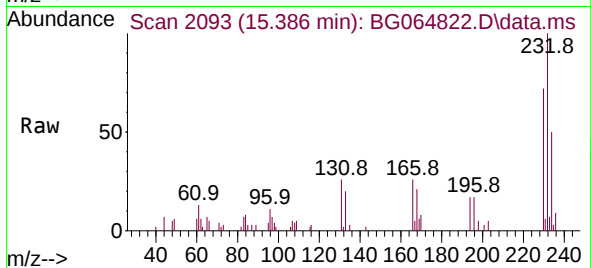
Tgt Ion:166 Resp: 44041
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 14.2 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.514 ng
RT: 15.386 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

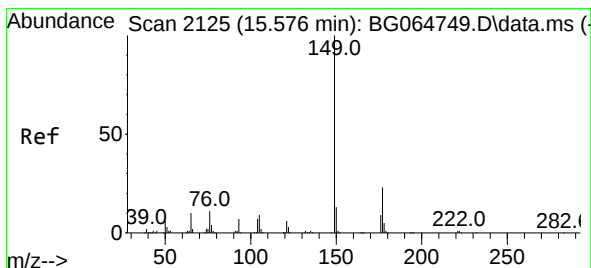
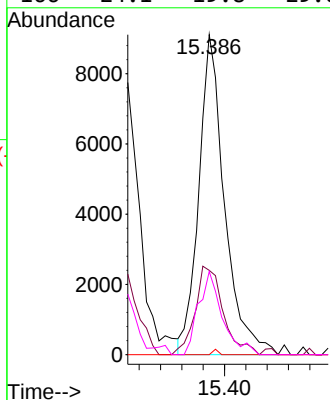
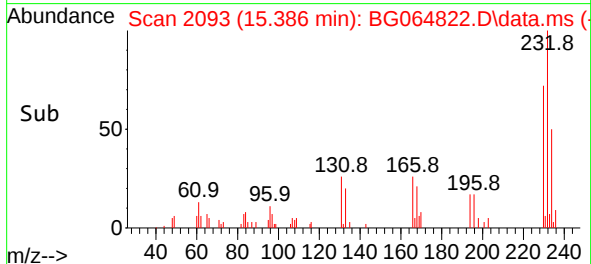
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



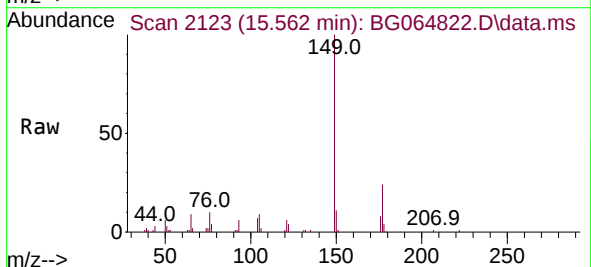
Tgt Ion:232 Resp: 15249
Ion Ratio Lower Upper
232 100
131 30.0 26.0 39.0
130 0.4 1.6 2.4
166 24.1 19.8 29.6

Manual Integrations
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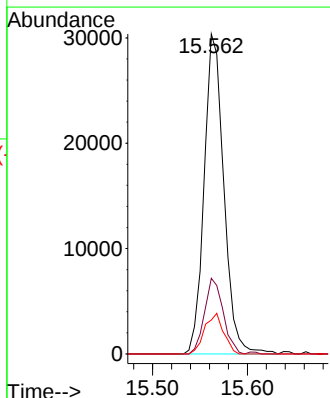
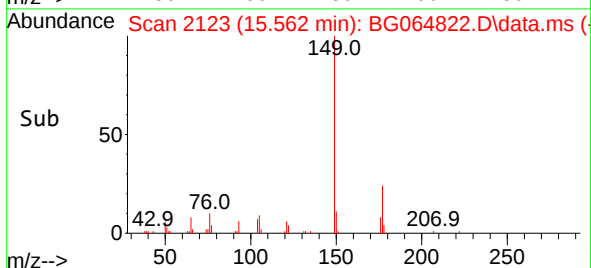
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

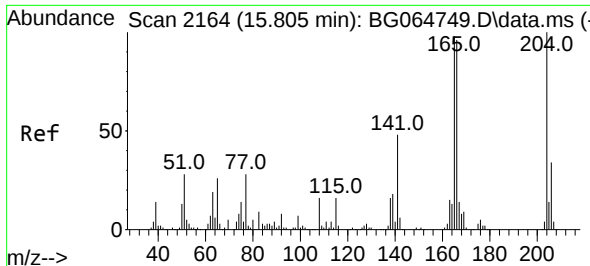


#60
Diethylphthalate
Concen: 3.380 ng
RT: 15.562 min Scan# 2123
Delta R.T. -0.014 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



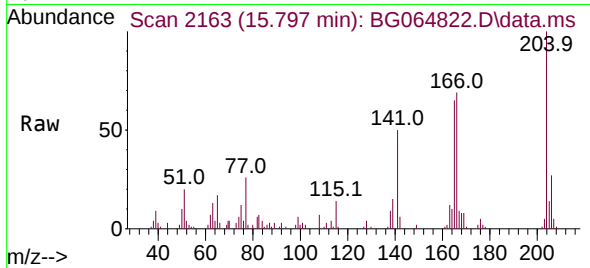
Tgt Ion:149 Resp: 43914
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 10.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 3.412 ng
RT: 15.797 min Scan# 2163
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

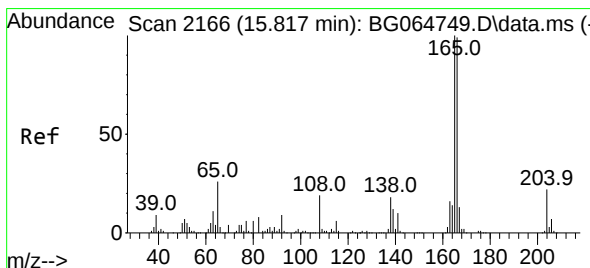
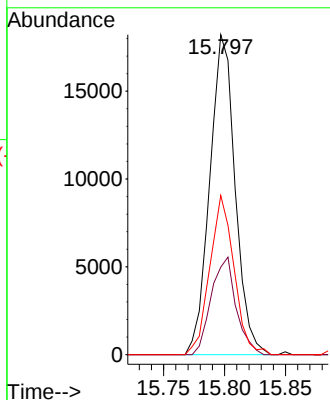
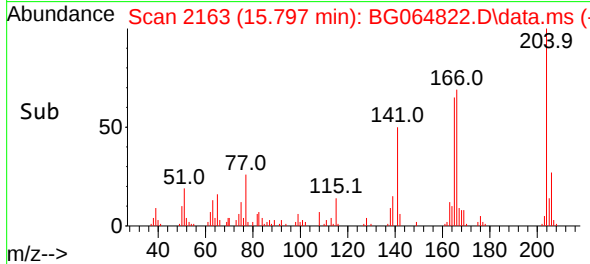
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:204 Resp: 26424
Ion Ratio Lower Upper
204 100
206 27.3 26.9 40.3
141 49.7 38.1 57.1

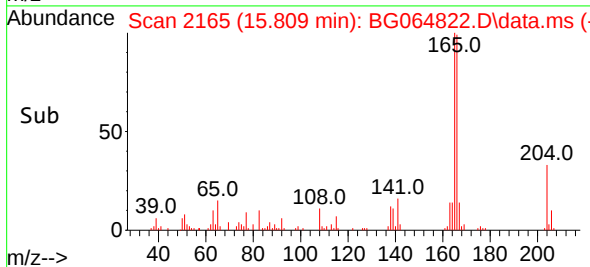
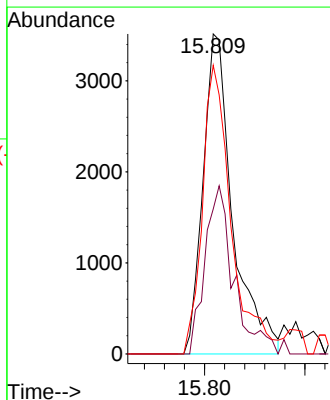
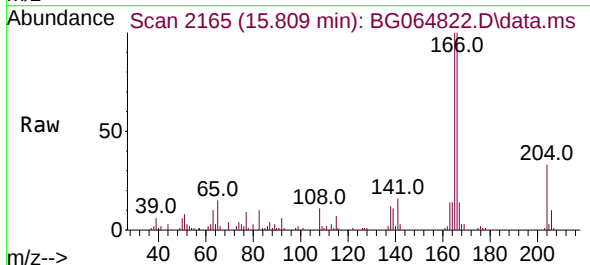
Manual Integrations
APPROVED

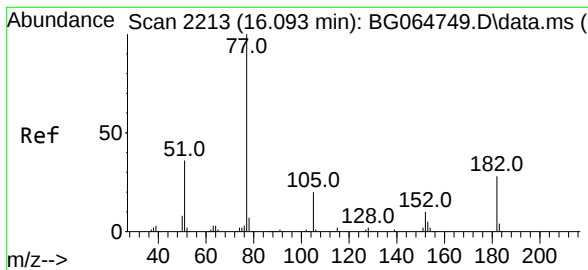
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#62
4-Nitroaniline
Concen: 2.712 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:138 Resp: 7236
Ion Ratio Lower Upper
138 100
92 45.3 30.7 70.7
108 90.2 85.7 125.7





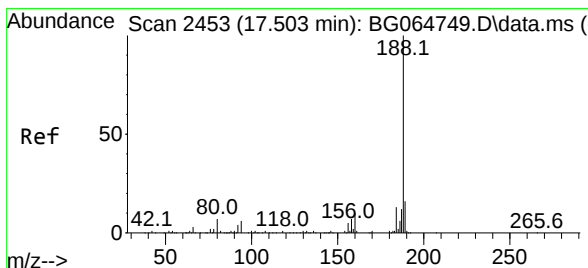
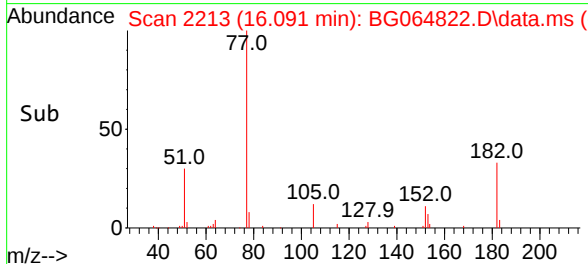
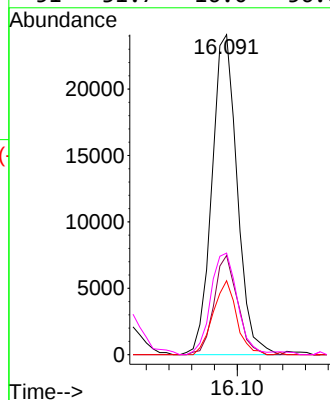
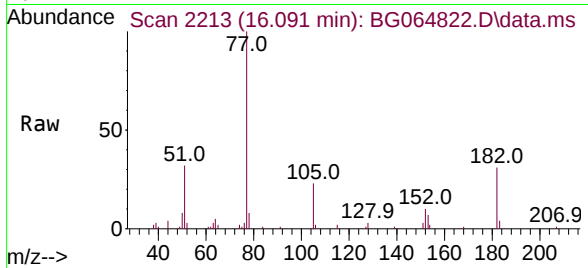
#63
Azobenzene
Concen: 3.437 ng
RT: 16.091 min Scan# 2213
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 77 Resp: 37140
Ion Ratio Lower Upper
77 100
182 31.0 8.1 48.1
105 23.1 0.1 40.1
51 31.7 16.0 56.0

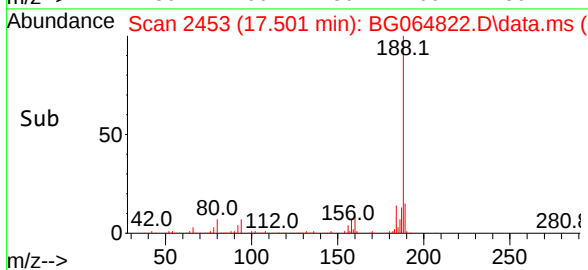
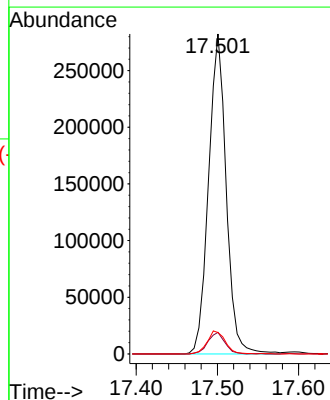
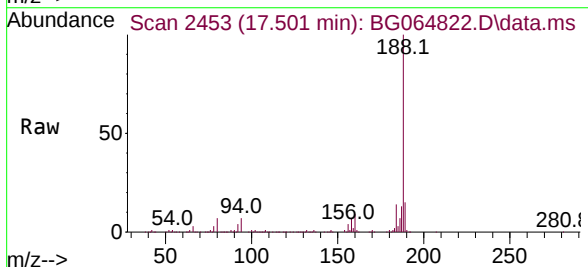
Manual Integrations
APPROVED

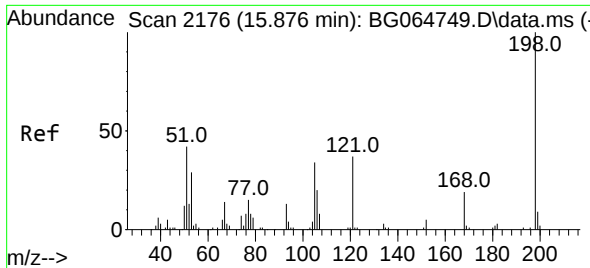
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:188 Resp: 426367
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 6.7 5.4 8.2





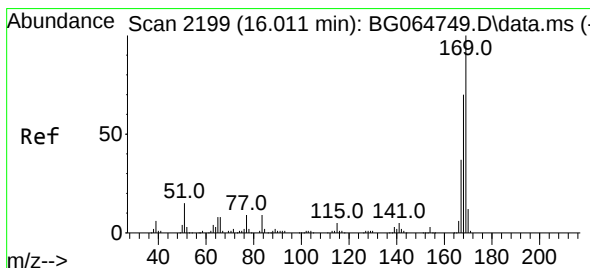
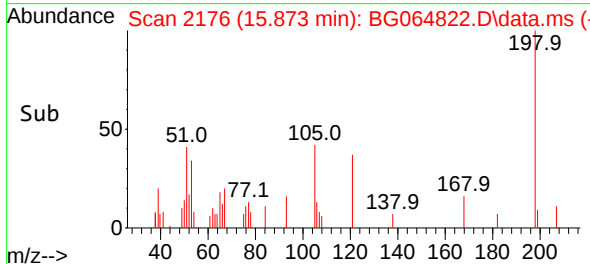
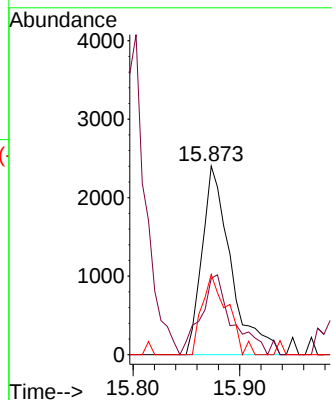
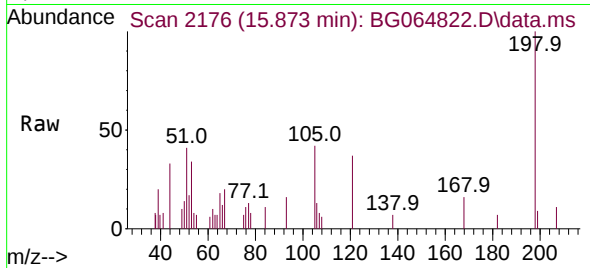
#65
4,6-Dinitro-2-methylphenol
Concen: 1.906 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:198 Resp: 4512
Ion Ratio Lower Upper
198 100
51 40.5 25.2 65.2
105 42.5 14.2 54.2

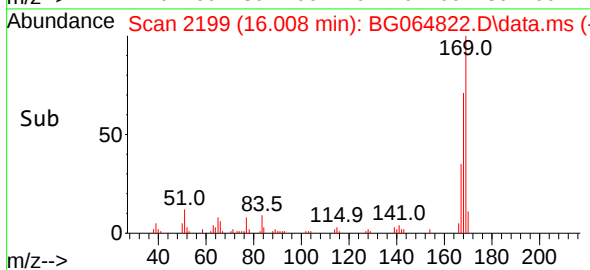
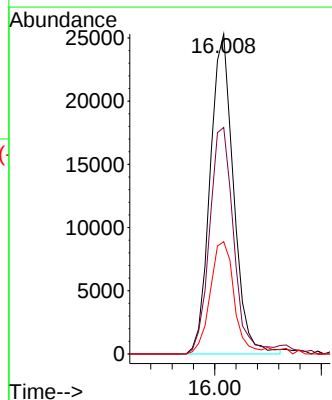
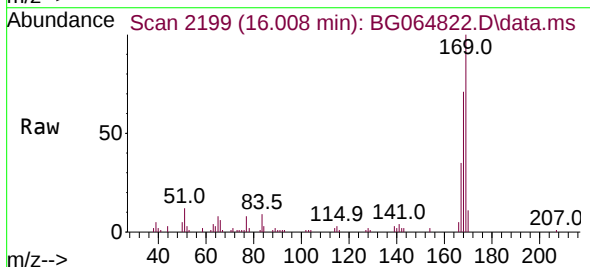
Manual Integrations
APPROVED

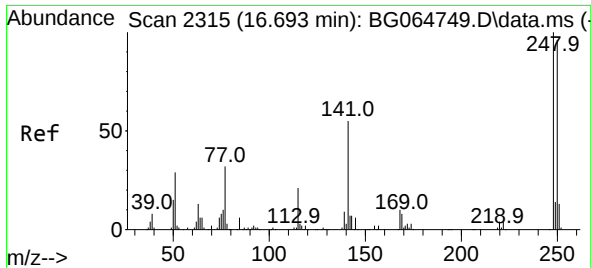
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#66
n-Nitrosodiphenylamine
Concen: 3.462 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

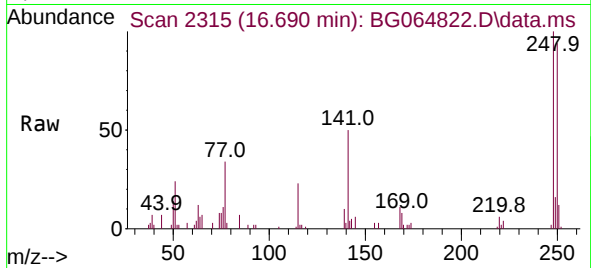
Tgt Ion:169 Resp: 38668
Ion Ratio Lower Upper
169 100
168 70.8 55.9 83.9
167 35.1 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 3.351 ng
RT: 16.690 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

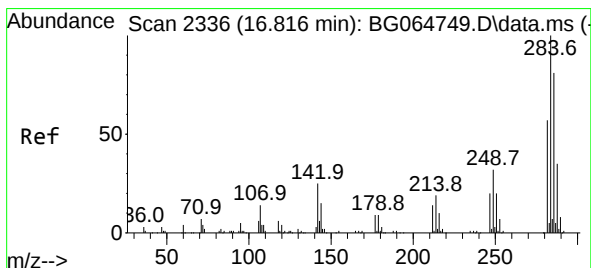
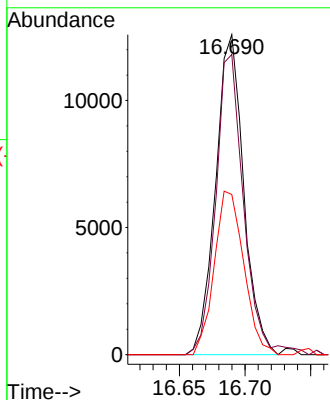
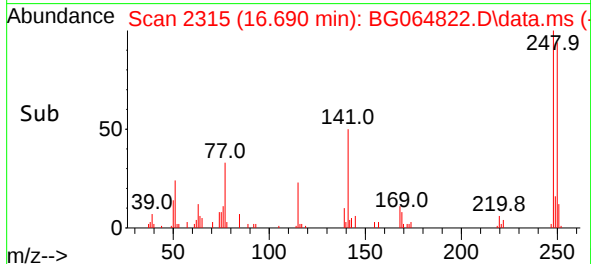
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



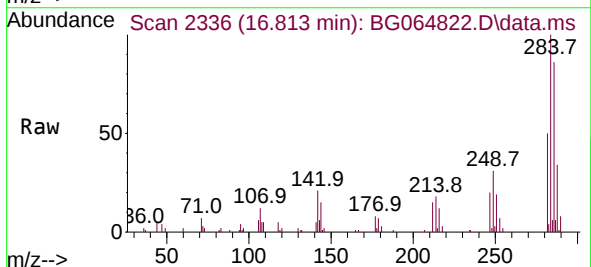
Tgt Ion:248 Resp: 18762
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.6
141 50.0 43.7 65.5

Manual Integrations
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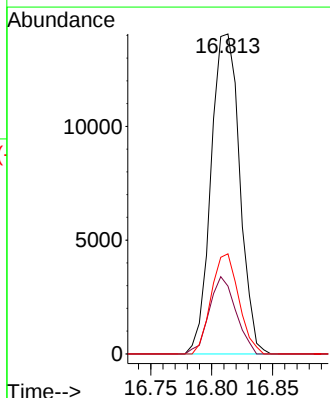
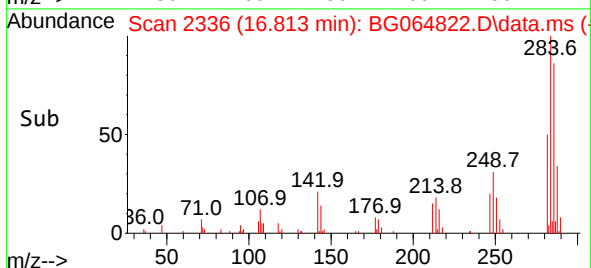
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

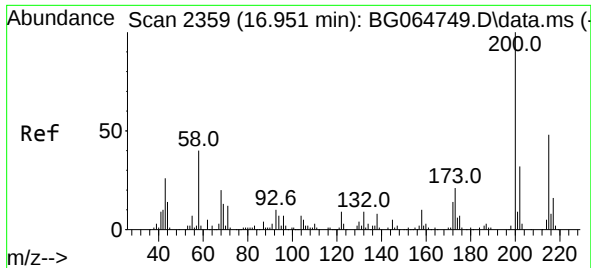


#68
Hexachlorobenzene
Concen: 3.385 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



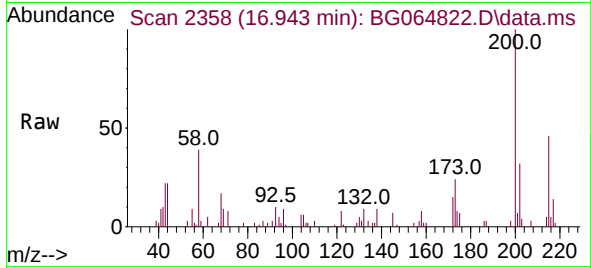
Tgt Ion:284 Resp: 22966
Ion Ratio Lower Upper
284 100
142 21.2 19.7 29.5
249 34.0 28.1 42.1





#69
 Atrazine
 Concen: 3.094 ng
 RT: 16.943 min Scan# 2358
 Delta R.T. -0.008 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

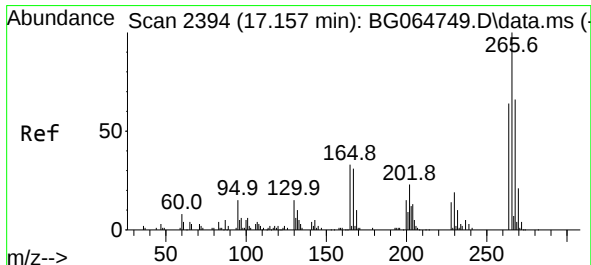
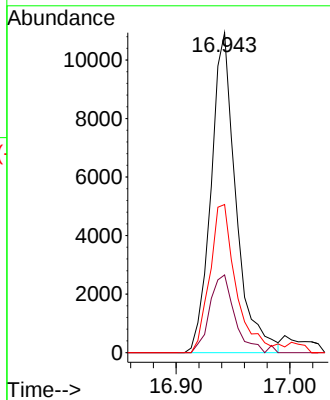
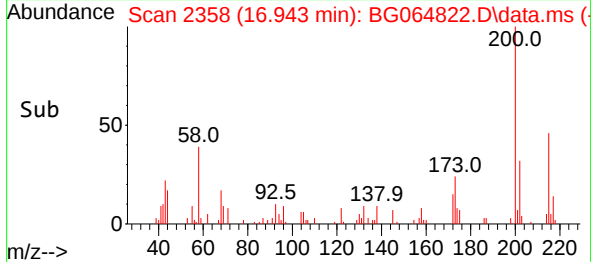
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



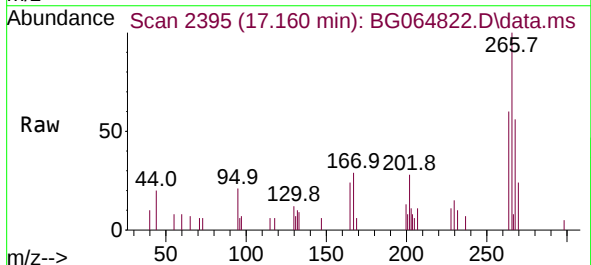
Tgt Ion:200 Resp: 16659
 Ion Ratio Lower Upper
 200 100
 173 24.3 0.9 40.9
 215 46.3 27.5 67.5

Manual Integrations
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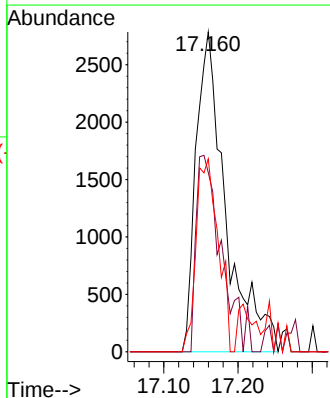
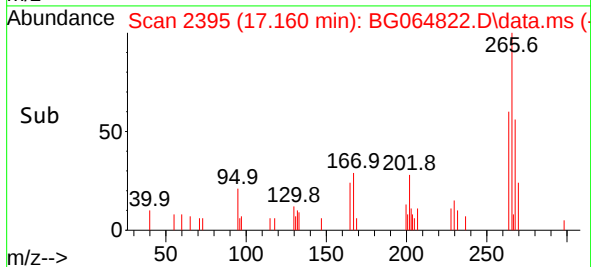
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

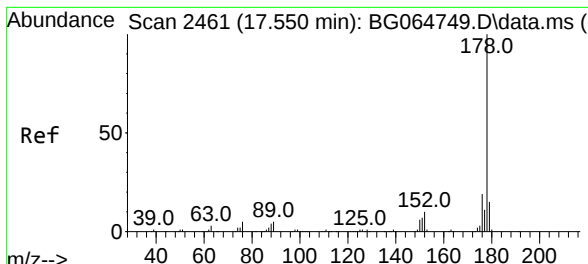


#70
 Pentachlorophenol
 Concen: 2.327 ng
 RT: 17.160 min Scan# 2395
 Delta R.T. 0.003 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25



Tgt Ion:266 Resp: 7797
 Ion Ratio Lower Upper
 266 100
 268 56.0 56.1 84.1#
 264 60.3 51.2 76.8



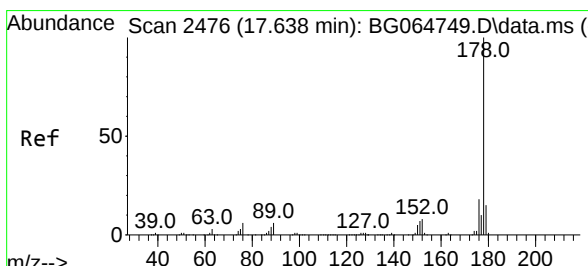
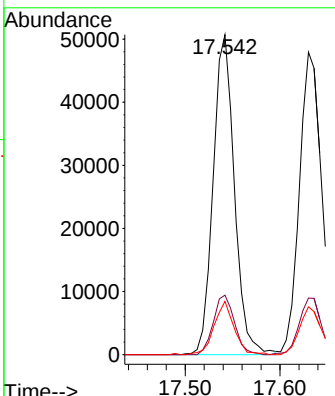
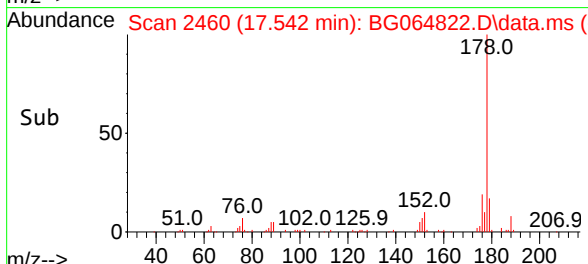
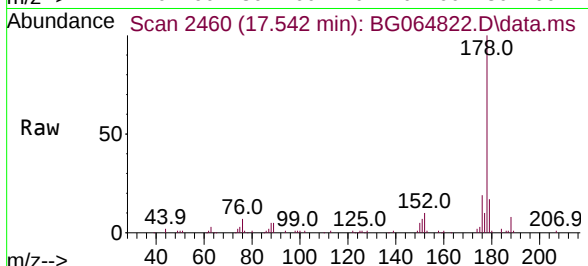


#71
 Phenanthrene
 Concen: 3.382 ng
 RT: 17.542 min Scan# 2460
 Delta R.T. -0.008 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

Instrument : BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

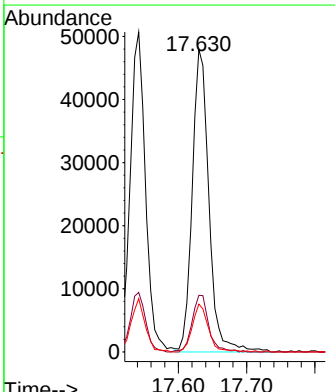
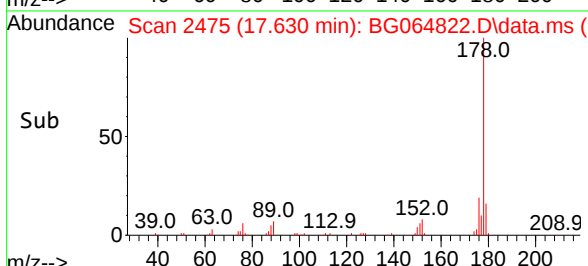
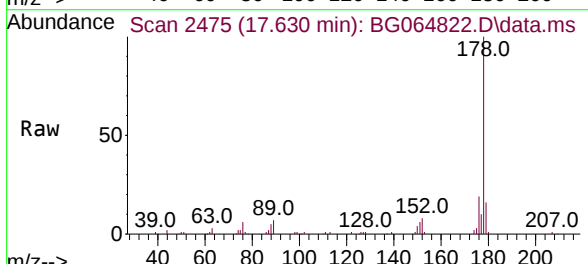
Tgt Ion:178	Resp:	7889
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.8 22.2
179	16.6	12.2 18.4

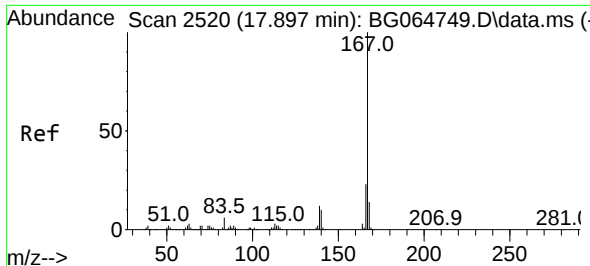
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#72
 Anthracene
 Concen: 3.420 ng
 RT: 17.630 min Scan# 2475
 Delta R.T. -0.008 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

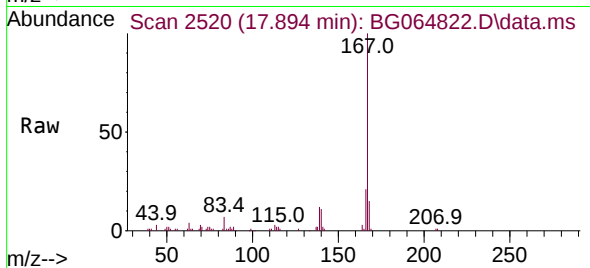
Tgt Ion:178	Resp:	81343
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.5 21.7
179	15.8	12.2 18.4





#73
 Carbazole
 Concen: 3.217 ng
 RT: 17.894 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

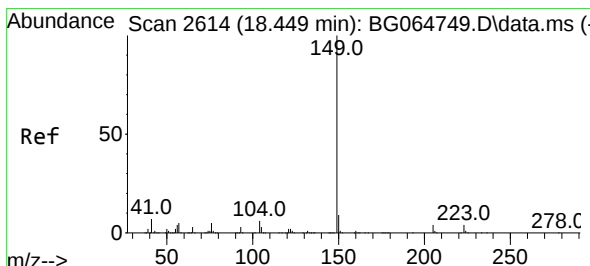
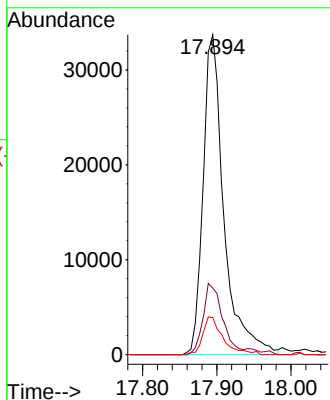
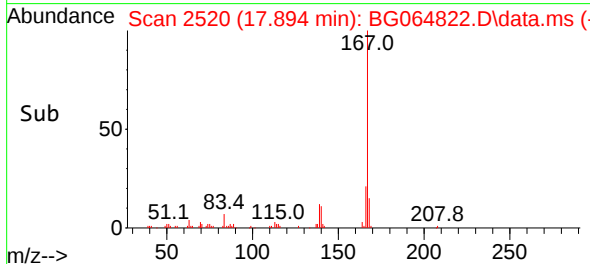
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025



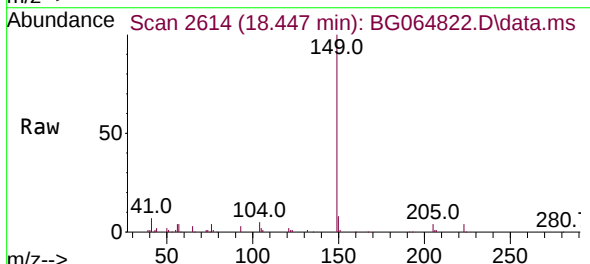
Tgt Ion:167 Resp: 65774
 Ion Ratio Lower Upper
 167 100
 166 20.8 18.0 27.0
 139 11.6 9.7 14.5

Manual Integrations
 APPROVED

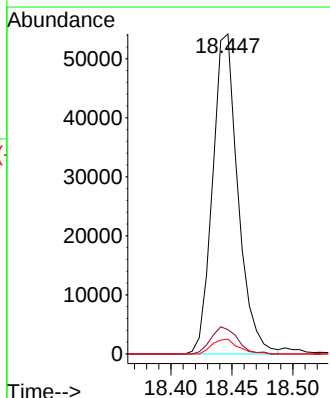
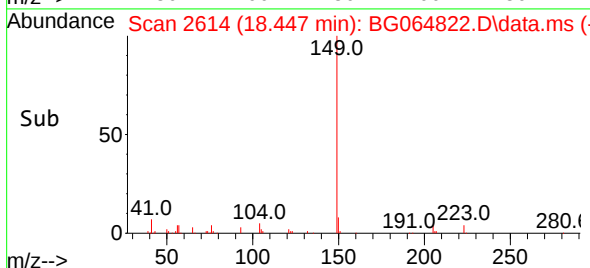
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

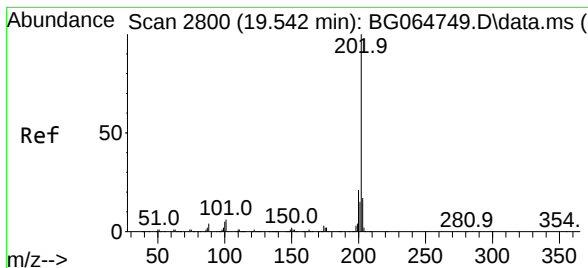


#74
 Di-n-butylphthalate
 Concen: 3.441 ng
 RT: 18.447 min Scan# 2614
 Delta R.T. -0.003 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25



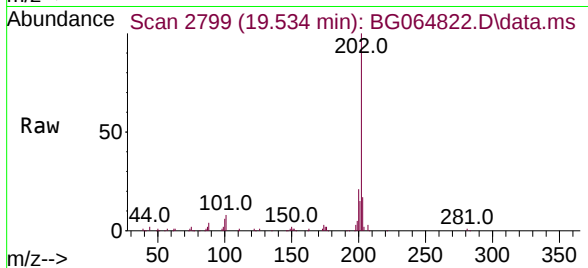
Tgt Ion:149 Resp: 78498
 Ion Ratio Lower Upper
 149 100
 150 7.6 7.5 11.3
 104 4.6 4.4 6.6





#75
Fluoranthene
Concen: 3.211 ng
RT: 19.534 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

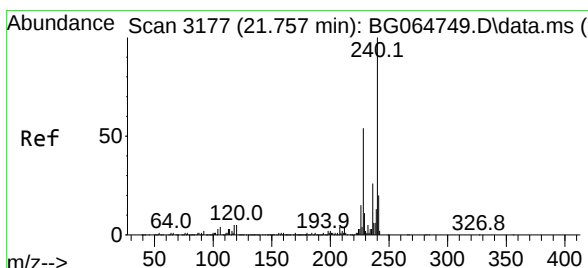
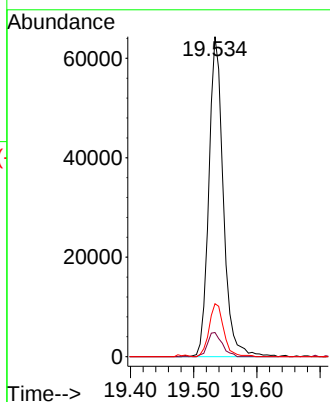
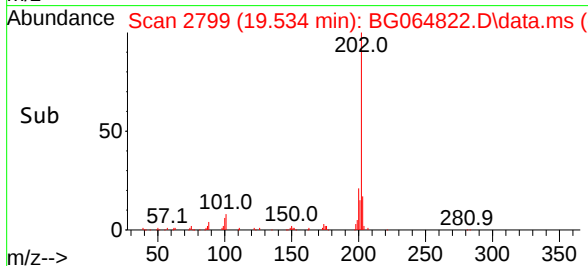
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:202 Resp: 102427
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.4
203 16.5 0.0 37.5

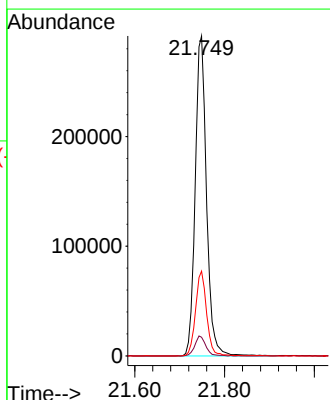
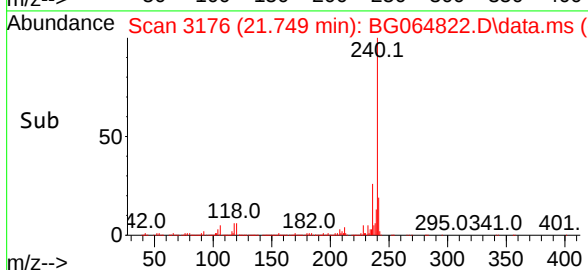
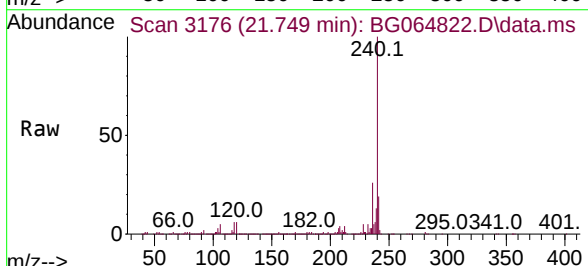
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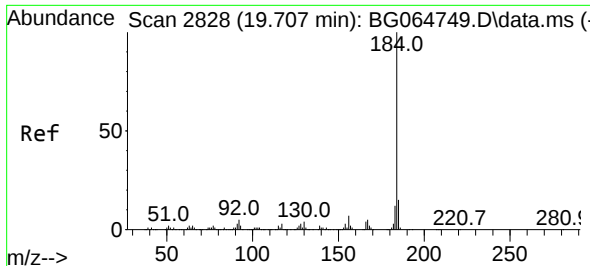
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

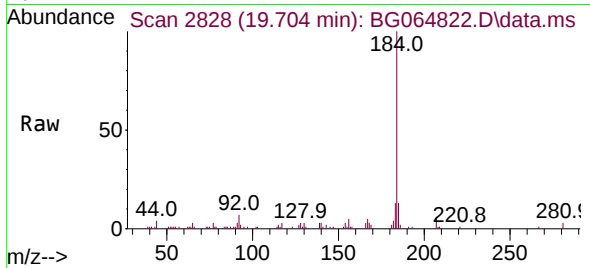
Tgt Ion:240 Resp: 508428
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.4
236 26.5 20.8 31.2





#77
Benzidine
Concen: 3.192 ng
RT: 19.704 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

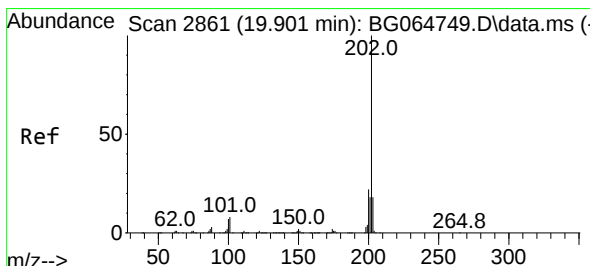
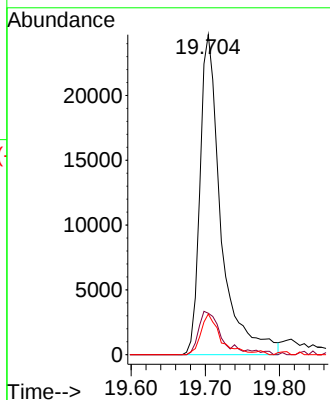
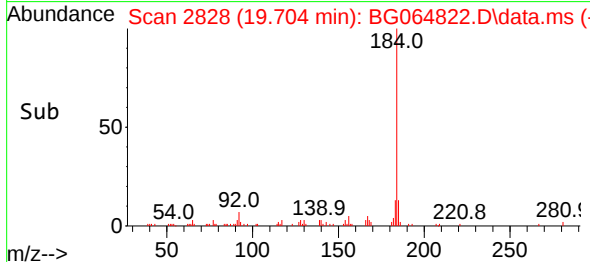
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



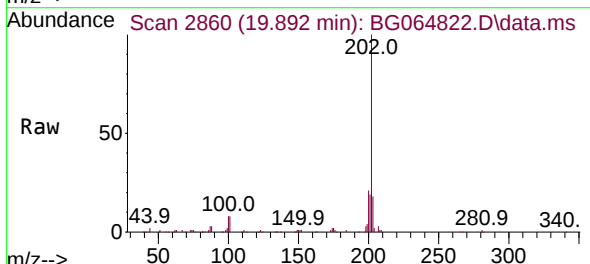
Tgt Ion:184 Resp: 48600
Ion Ratio Lower Upper
184 100
185 12.9 11.8 17.6
183 12.7 9.8 14.6

Manual Integrations
APPROVED

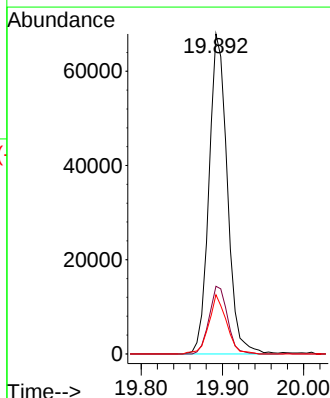
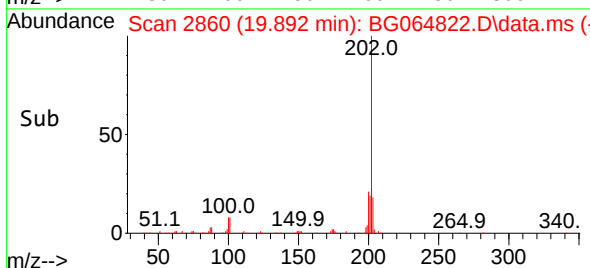
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

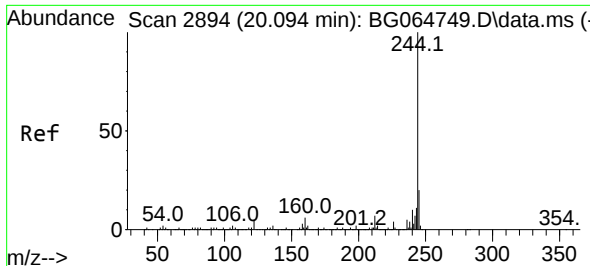


#78
Pyrene
Concen: 3.733 ng
RT: 19.892 min Scan# 2860
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25



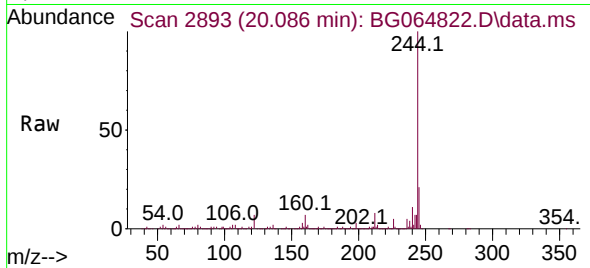
Tgt Ion:202 Resp: 106360
Ion Ratio Lower Upper
202 100
200 21.1 17.9 26.9
203 18.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 80.561 ng
 RT: 20.086 min Scan# 2894
 Delta R.T. -0.008 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

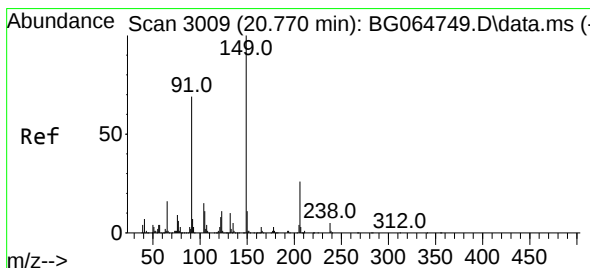
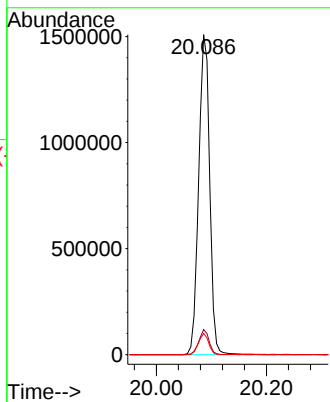
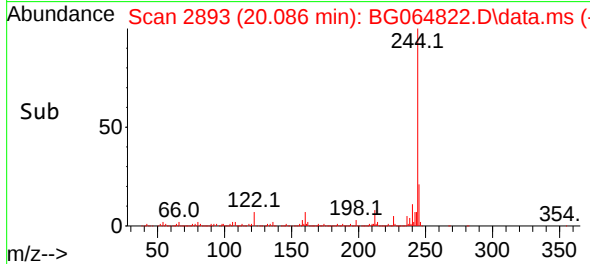
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:244 Resp: 2082238
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.6
 122 6.6 4.3 6.5

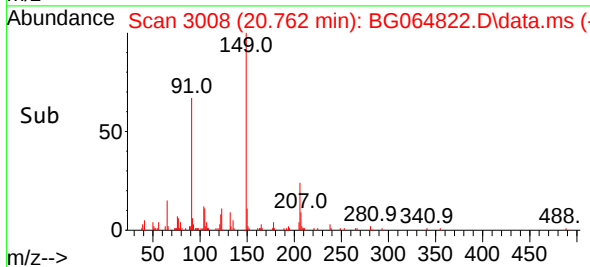
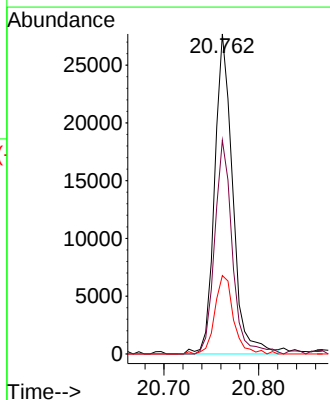
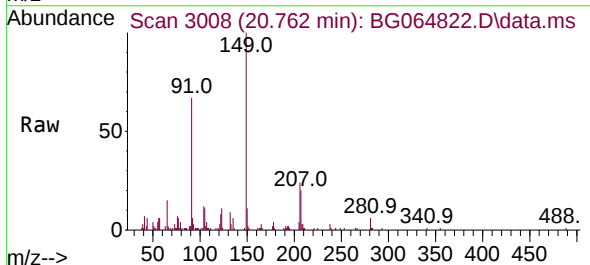
Manual Integrations
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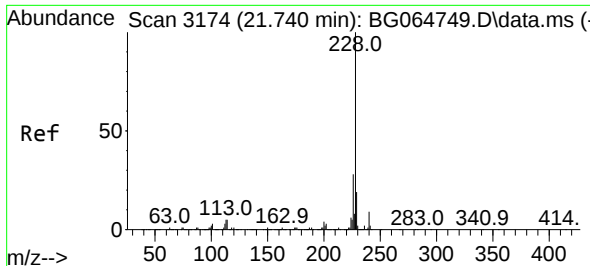
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



#80
 Butylbenzylphthalate
 Concen: 3.657 ng
 RT: 20.762 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

Tgt Ion:149 Resp: 36653
 Ion Ratio Lower Upper
 149 100
 91 66.8 54.9 82.3
 206 24.5 21.2 31.8





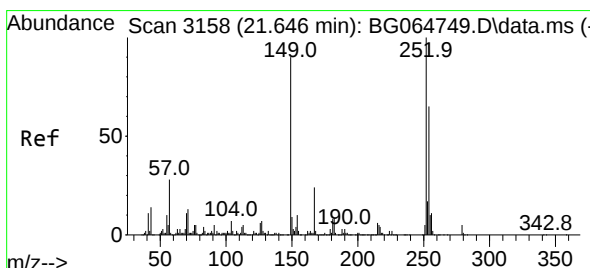
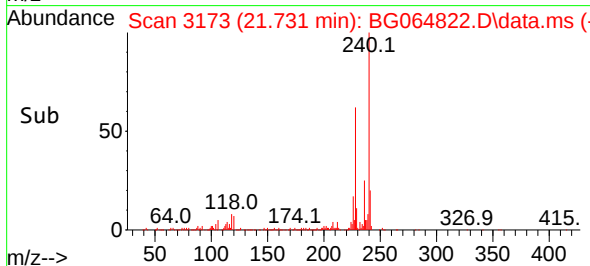
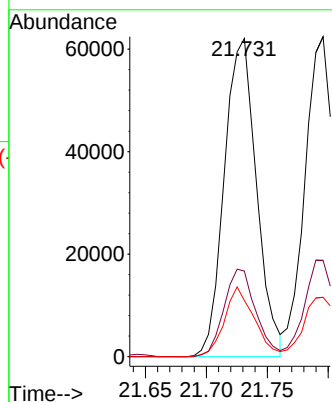
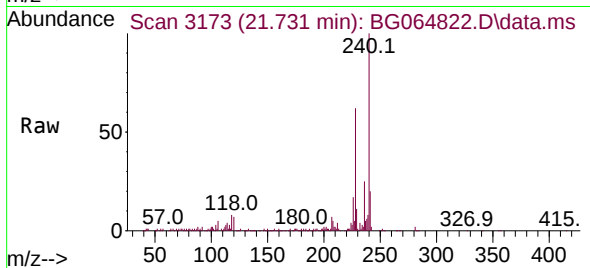
#81
Benzo(a)anthracene
Concen: 3.304 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:228 Resp: 114230
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 17.6 15.5 23.3

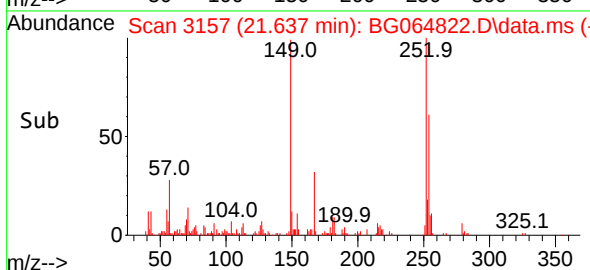
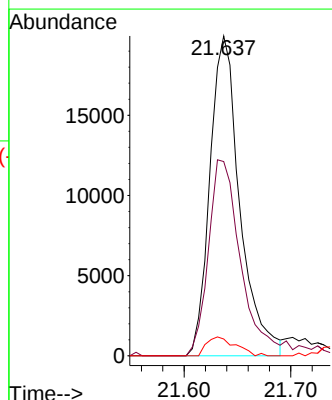
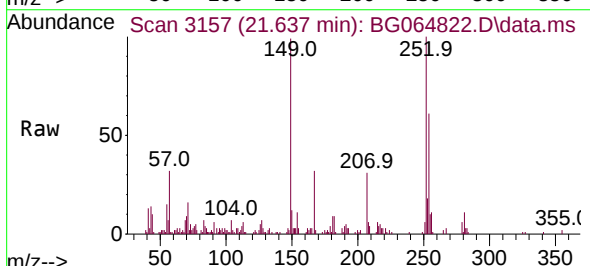
Manual Integrations
APPROVED

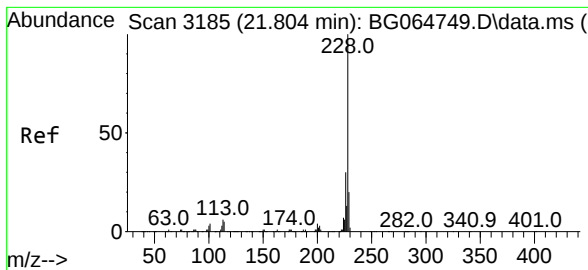
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#82
3,3'-Dichlorobenzidine
Concen: 3.061 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.008 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:252 Resp: 38945
Ion Ratio Lower Upper
252 100
254 60.7 51.8 77.8
126 5.3 4.7 7.1





#83

Chrysene

Concen: 3.392 ng

RT: 21.796 min Scan# 3184

Delta R.T. -0.008 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

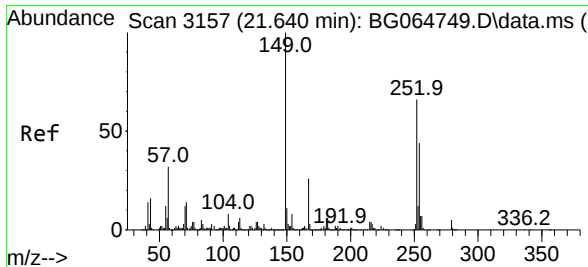
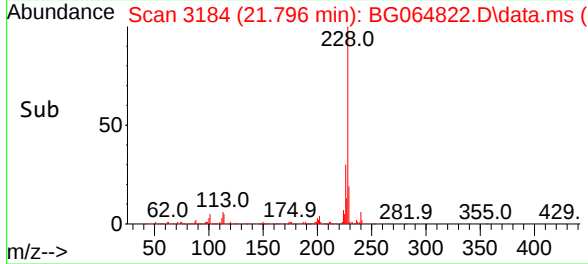
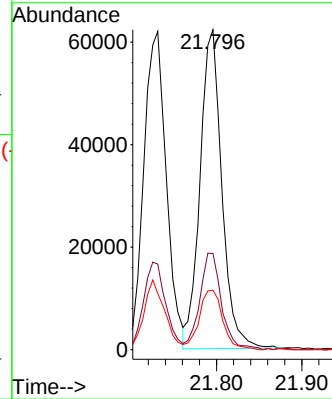
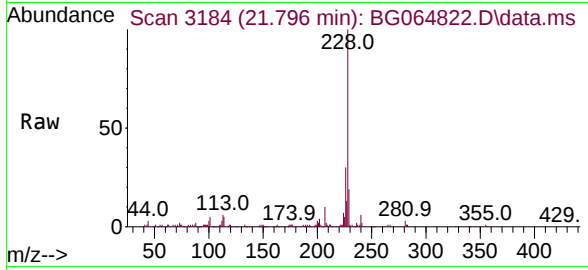
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	228	Resp:	110562
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.2	36.2
229	18.6	16.0	24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.601 ng

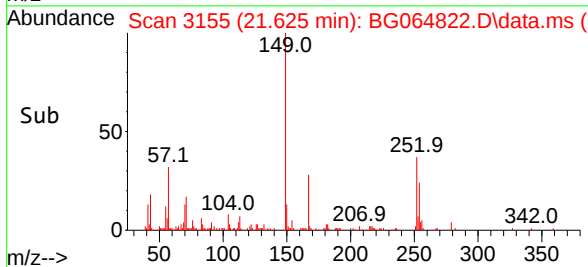
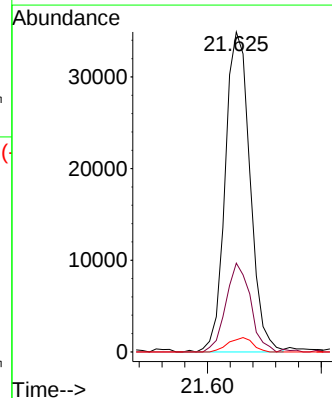
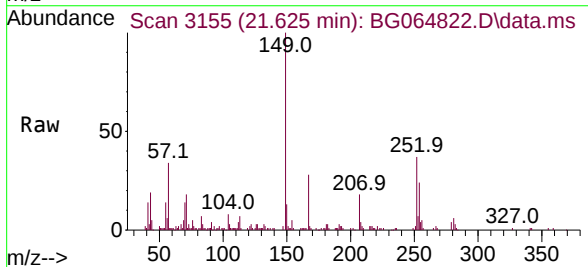
RT: 21.625 min Scan# 3155

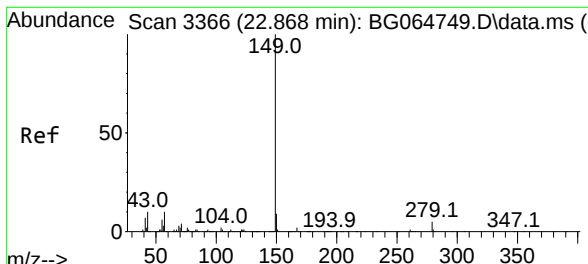
Delta R.T. -0.014 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Tgt Ion:	149	Resp:	52743
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.0	31.4
279	3.8	4.1	6.1





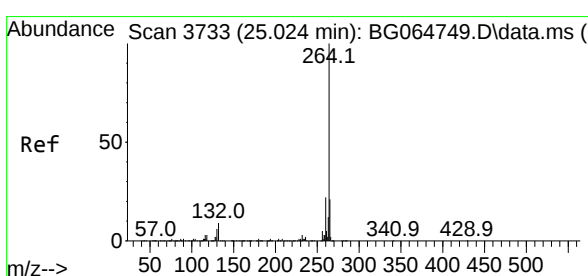
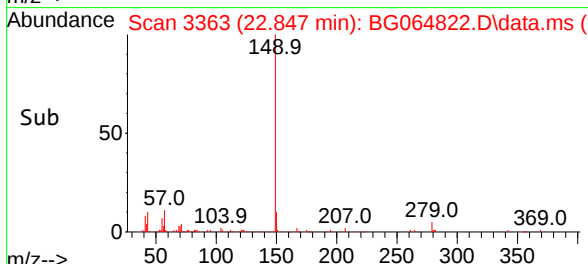
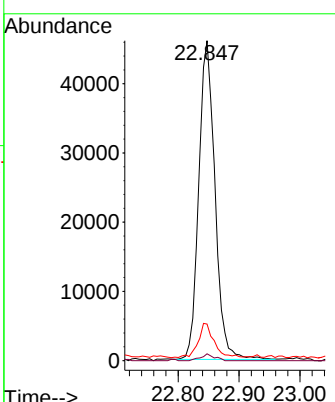
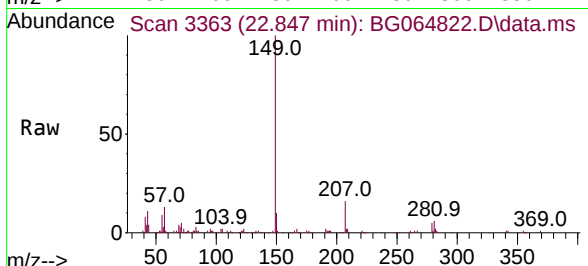
#85
 Di-n-octyl phthalate
 Concen: 3.356 ng
 RT: 22.847 min Scan# 3363
 Delta R.T. -0.020 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:149 Resp: 84966

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.5	8.3	12.5

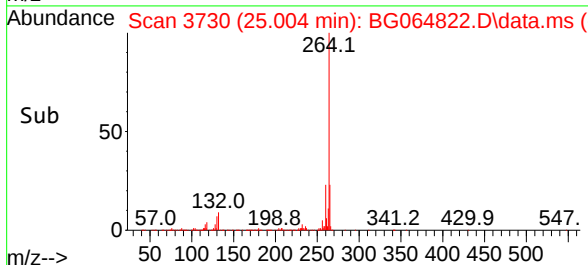
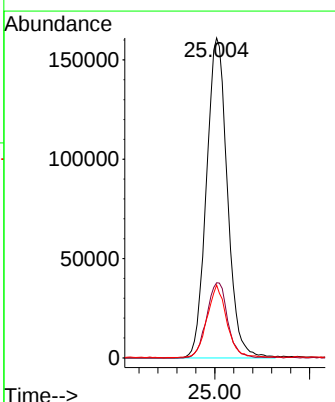
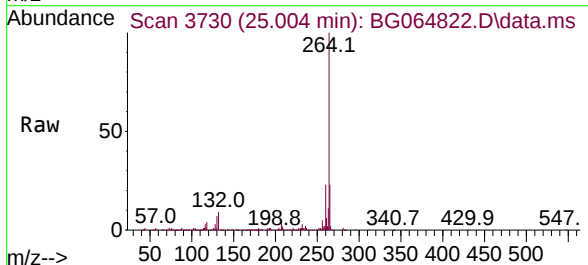
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

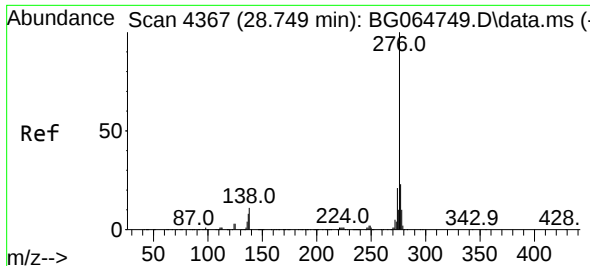


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3730
 Delta R.T. -0.020 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

Tgt Ion:264 Resp: 493539

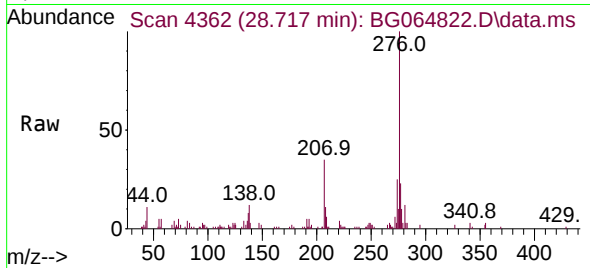
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.2	25.8
265	22.8	16.6	25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.074 ng
 RT: 28.717 min Scan# 4367
 Delta R.T. -0.032 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25

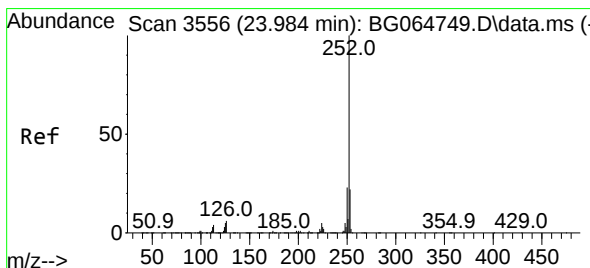
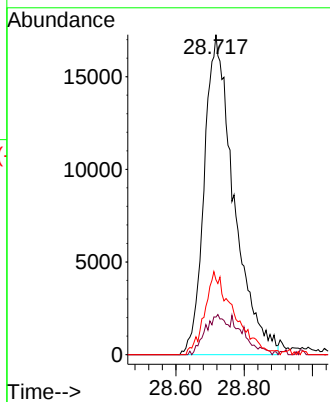
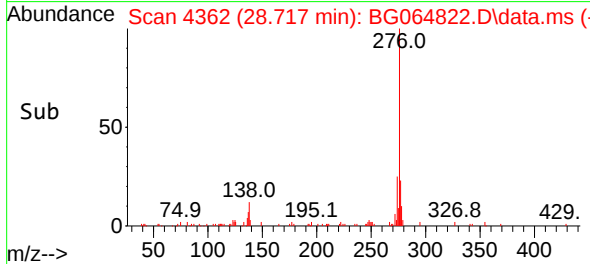
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



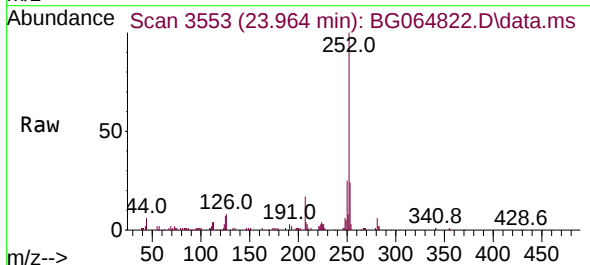
Tgt Ion:276 Resp: 104236
 Ion Ratio Lower Upper
 276 100
 138 9.2 4.5 6.7
 277 25.5 20.0 30.0

Manual Integrations
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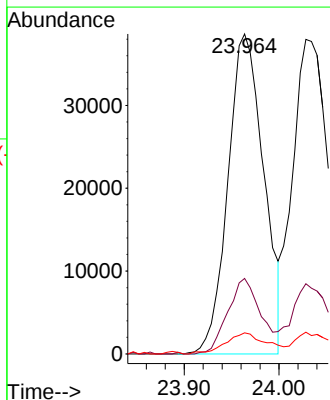
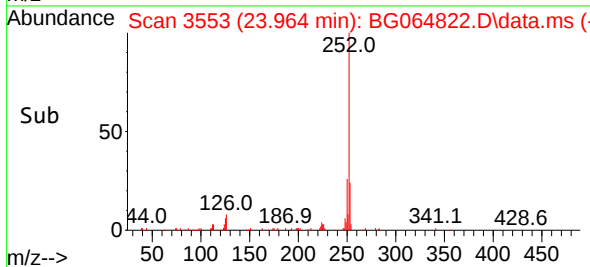
Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

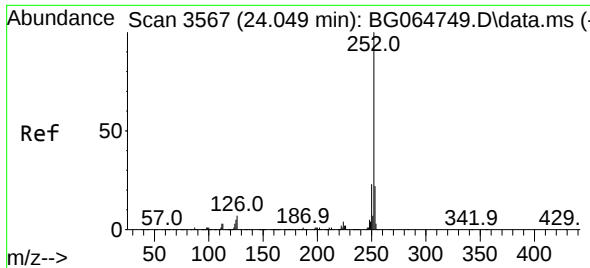


#88
 Benzo(b)fluoranthene
 Concen: 3.230 ng
 RT: 23.964 min Scan# 3553
 Delta R.T. -0.020 min
 Lab File: BG064822.D
 Acq: 19 Nov 2025 19:25



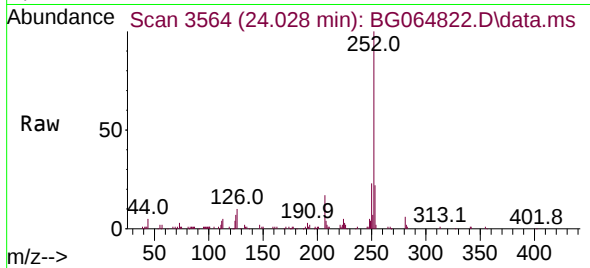
Tgt Ion:252 Resp: 101445
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.4 26.2
 125 6.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 3.277 ng
RT: 24.028 min Scan# 3567
Delta R.T. -0.020 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

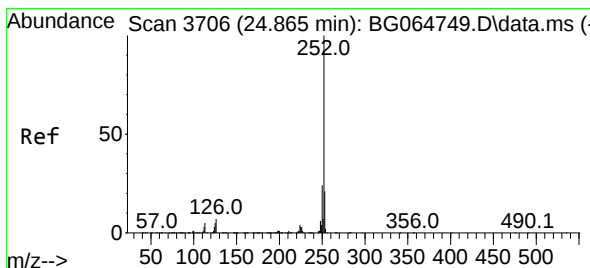
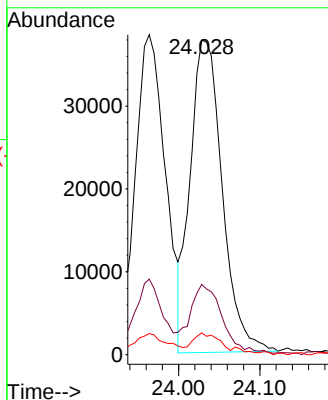
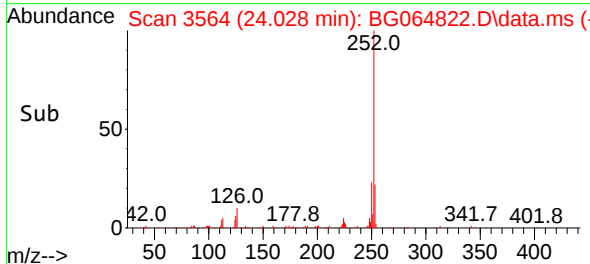
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:252 Resp: 103401
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.9 4.1 6.1

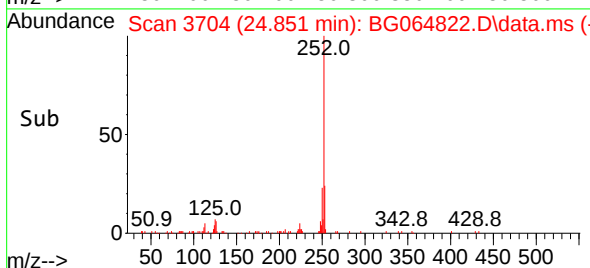
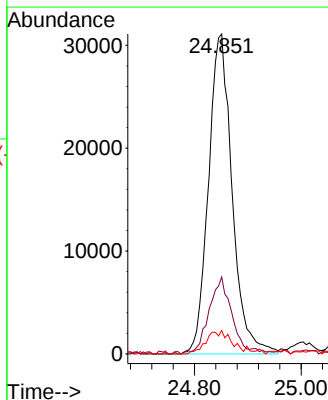
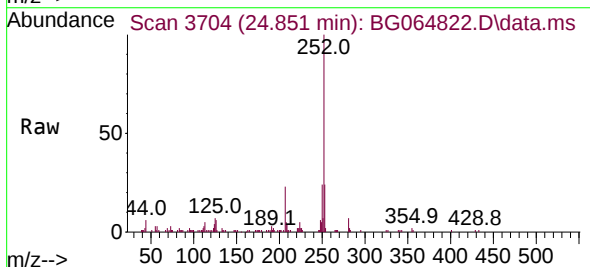
Manual Integrations
APPROVED

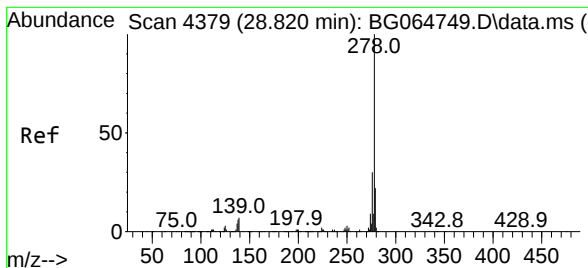
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#90
Benzo(a)pyrene
Concen: 3.293 ng
RT: 24.851 min Scan# 3704
Delta R.T. -0.014 min
Lab File: BG064822.D
Acq: 19 Nov 2025 19:25

Tgt Ion:252 Resp: 95932
Ion Ratio Lower Upper
252 100
253 24.0 16.9 25.3
125 7.3 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 2.877 ng

RT: 28.776 min Scan# 4379

Delta R.T. -0.044 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

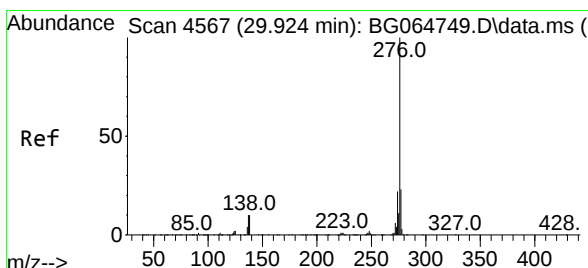
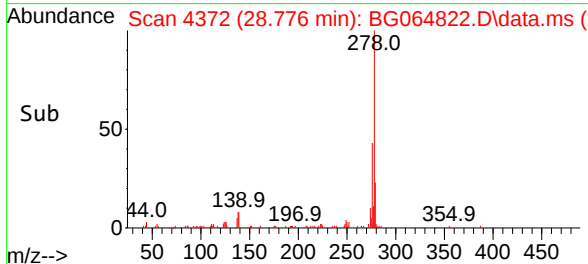
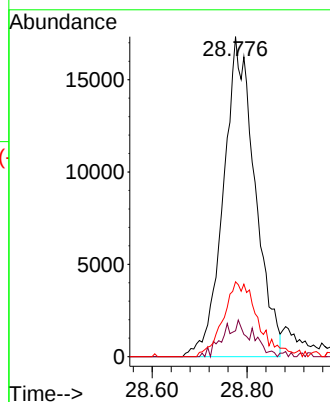
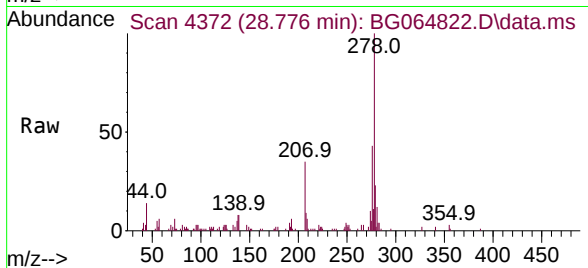
Tgt Ion: 278 Resp: 79916

Ion	Ratio	Lower	Upper
278	100		
139	8.1	5.8	8.8
279	23.4	17.3	25.9

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025



#92

Benzo(g,h,i)perylene

Concen: 3.063 ng

RT: 29.869 min Scan# 4558

Delta R.T. -0.055 min

Lab File: BG064822.D

Acq: 19 Nov 2025 19:25

Tgt Ion: 276 Resp: 81881

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.0	27.0
138	11.8	8.2	12.2

