

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064268.D
 Acq On : 4 Sep 2025 1:21
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 04 02:09:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	35341	20.000	ng	0.00
21) Naphthalene-d8	10.638	136	162848	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	115077	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	226024	20.000	ng	0.00
76) Chrysene-d12	21.443	240	230554	20.000	ng	-0.01
86) Perylene-d12	24.451	264	244028	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	273379	138.781	ng	0.00
7) Phenol-d6	7.024	99	403924	149.256	ng	0.00
23) Nitrobenzene-d5	9.004	82	305067	104.476	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	198502	130.230	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	750120	99.494	ng	0.00
79) Terphenyl-d14	19.839	244	1136372	102.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	3811	4.642	ng	90
3) Pyridine	3.752	79	9595	3.970	ng	# 54
4) n-Nitrosodimethylamine	3.670	42	6717	4.202	ng	# 95
6) Aniline	7.183	93	17756	4.745	ng	# 89
8) 2-Chlorophenol	7.424	128	11042	4.587	ng	96
9) Benzaldehyde	6.995	77	11184	5.022	ng	90
10) Phenol	7.048	94	13500	4.525	ng	87
11) bis(2-Chloroethyl)ether	7.277	93	10029	4.473	ng	96
12) 1,3-Dichlorobenzene	7.741	146	11343m	4.429	ng	
13) 1,4-Dichlorobenzene	7.888	146	12844	4.970	ng	93
14) 1,2-Dichlorobenzene	8.205	146	11793m	4.728	ng	
15) Benzyl Alcohol	8.088	79	11216	4.491	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.376	45	21089	4.120	ng	97
17) 2-Methylphenol	8.294	107	9746	4.383	ng	91
18) Hexachloroethane	8.940	117	4555	4.515	ng	96
19) n-Nitroso-di-n-propyla...	8.652	70	9175	4.430	ng	99
20) 3+4-Methylphenols	8.617	107	12517	4.051	ng	90
22) Acetophenone	8.670	105	19418	4.713	ng	# 95
24) Nitrobenzene	9.046	77	14522	4.760	ng	96
25) Isophorone	9.569	82	25635	4.224	ng	97
26) 2-Nitrophenol	9.762	139	5907	4.481	ng	89
27) 2,4-Dimethylphenol	9.815	122	10471	4.524	ng	92
28) bis(2-Chloroethoxy)met...	10.050	93	14700	4.492	ng	94
29) 2,4-Dichlorophenol	10.291	162	9833	4.027	ng	88
30) 1,2,4-Trichlorobenzene	10.503	180	12107	4.702	ng	90
31) Naphthalene	10.691	128	36464	4.318	ng	100
32) Benzoic acid	9.945	122	2640m	1.437	ng	
33) 4-Chloroaniline	10.802	127	15329	4.684	ng	97
34) Hexachlorobutadiene	10.985	225	9034	4.746	ng	88
35) Caprolactam	11.537	113	3083	3.260	ng	# 85
36) 4-Chloro-3-methylphenol	11.919	107	12506	3.947	ng	95
37) 2-Methylnaphthalene	12.301	142	23999	3.823	ng	90
38) 1-Methylnaphthalene	12.518	142	27813m	4.486	ng	
40) 1,2,4,5-Tetrachloroben...	12.671	216	14690	4.424	ng	97
41) Hexachlorocyclopentadiene	12.653	237	6939	4.397	ng	79
43) 2,4,6-Trichlorophenol	12.912	196	10120	4.560	ng	# 78

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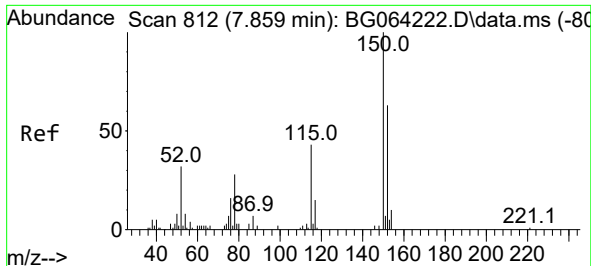
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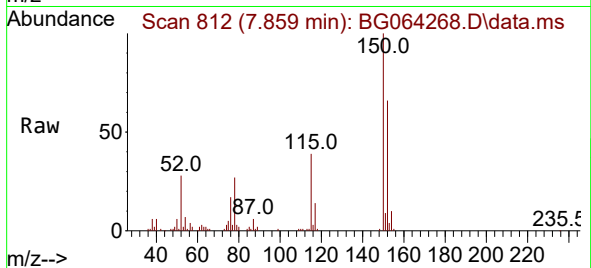
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	10424	4.330	ng	# 78
46) 1,1'-Biphenyl	13.311	154	39034	4.657	ng	97
47) 2-Chloronaphthalene	13.352	162	28179	4.472	ng	92
48) 2-Nitroaniline	13.558	65	8698	4.050	ng	89
49) Acenaphthylene	14.198	152	45002	4.831	ng	95
50) Dimethylphthalate	13.934	163	35972	4.130	ng	97
51) 2,6-Dinitrotoluene	14.046	165	7321	4.342	ng	91
52) Acenaphthene	14.539	154	28384	4.318	ng	94
53) 3-Nitroaniline	14.375	138	6461	3.658	ng	# 77
54) 2,4-Dinitrophenol	14.598	184	1949	7.295	ng	# 62
55) Dibenzofuran	14.874	168	45124	4.364	ng	96
56) 4-Nitrophenol	14.698	139	3268	2.255	ng	# 86
57) 2,4-Dinitrotoluene	14.833	165	9703	3.806	ng	# 95
58) Fluorene	15.526	166	37086	4.376	ng	# 98
59) 2,3,4,6-Tetrachlorophenol	15.103	232	9181	3.965	ng	# 95
60) Diethylphthalate	15.297	149	33807	3.627	ng	99
61) 4-Chlorophenyl-phenyle...	15.520	204	18317	4.335	ng	91
62) 4-Nitroaniline	15.538	138	5489	3.045	ng	92
63) Azobenzene	15.814	77	33491	4.031	ng	94
65) 4,6-Dinitro-2-methylph...	15.597	198	4835	3.726	ng	95
66) n-Nitrosodiphenylamine	15.732	169	29684	4.774	ng	91
67) 4-Bromophenyl-phenylether	16.413	248	11900	4.957	ng	98
68) Hexachlorobenzene	16.525	284	13404	5.028	ng	# 87
69) Atrazine	16.684	200	10961	4.222	ng	95
70) Pentachlorophenol	16.872	266	5950	3.681	ng	89
71) Phenanthrene	17.260	178	52250	4.383	ng	98
72) Anthracene	17.348	178	53255	4.392	ng	99
73) Carbazole	17.618	167	42040	3.935	ng	96
74) Di-n-butylphthalate	18.188	149	54494	4.246	ng	99
75) Fluoranthene	19.269	202	59940	4.276	ng	96
77) Benzidine	19.451	184	20094	4.143	ng	96
78) Pyrene	19.627	202	61259	4.217	ng	96
80) Butylbenzylphthalate	20.526	149	25092	4.580	ng	96
81) Benzo(a)anthracene	21.425	228	64950	4.403	ng	98
82) 3,3'-Dichlorobenzidine	21.355	252	22189	4.619	ng	93
83) Chrysene	21.490	228	63586	4.490	ng	95
84) Bis(2-ethylhexyl)phtha...	21.355	149	38072	4.629	ng	# 95
85) Di-n-octyl phthalate	22.495	149	64624	4.509	ng	98
87) Indeno(1,2,3-cd)pyrene	27.829	276	73564	4.414	ng	95
88) Benzo(b)fluoranthene	23.499	252	61585	4.472	ng	98
89) Benzo(k)fluoranthene	23.564	252	63880	4.553	ng	# 95
90) Benzo(a)pyrene	24.316	252	59730	4.662	ng	95
91) Dibenzo(a,h)anthracene	27.888	278	59792	4.469	ng	98
92) Benzo(g,h,i)perylene	28.875	276	60440	4.642	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

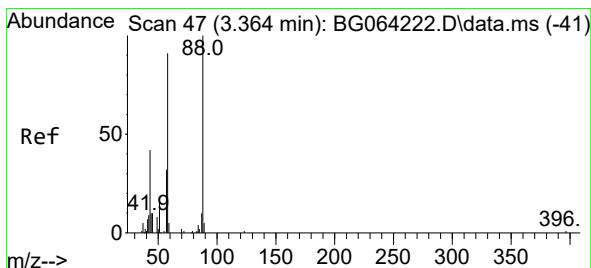
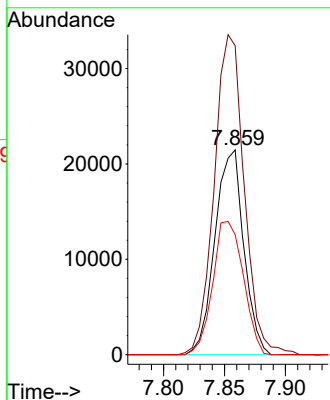
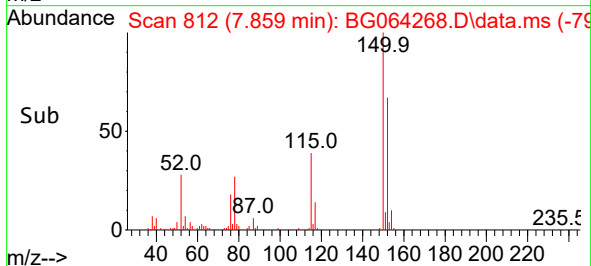
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



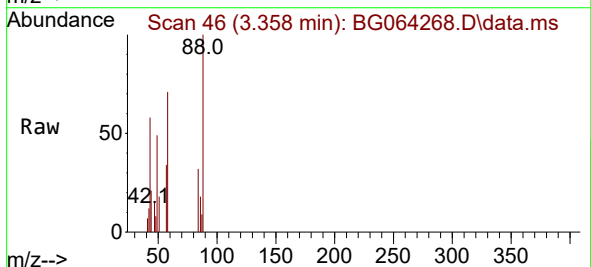
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Ion Ratio Lower Upper
152 100
150 150.8 128.0 192.0
115 58.6 55.7 83.5

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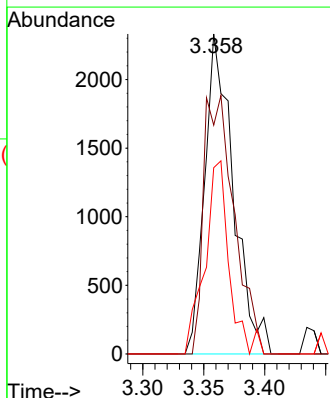
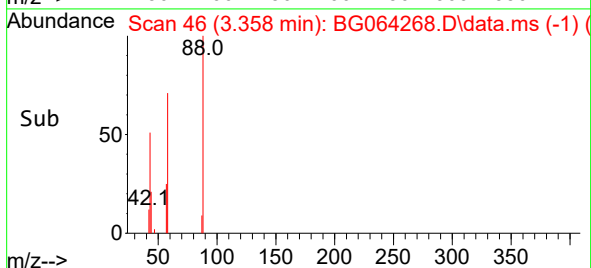
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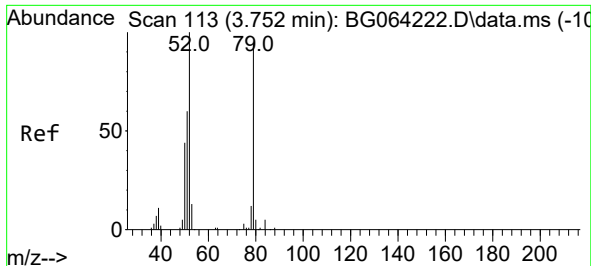


#2
1,4-Dioxane
Concen: 4.642 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



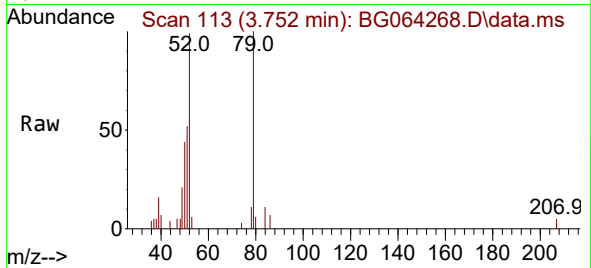
Tgt Ion: 88 Resp: 3811
Ion Ratio Lower Upper
88 100
58 86.2 80.8 121.2
43 51.1 40.3 60.5





#3
Pyridine
Concen: 3.970 ng
RT: 3.752 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

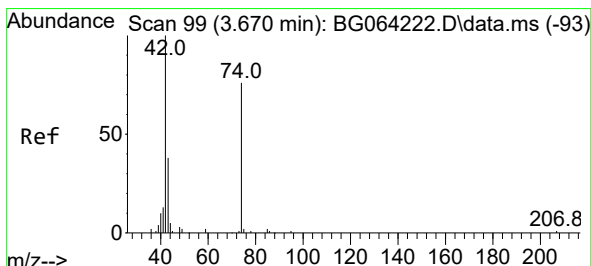
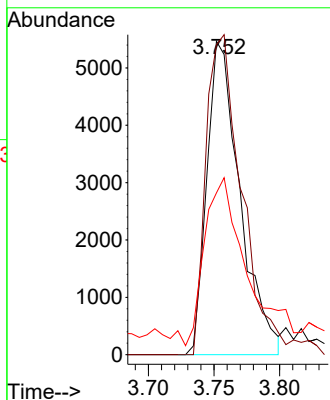
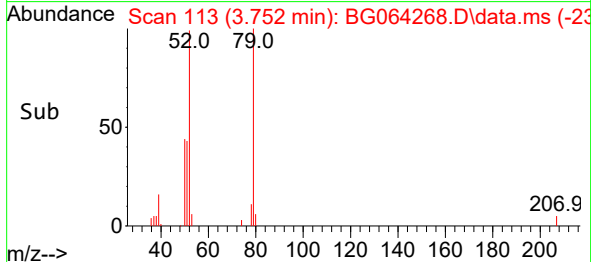
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



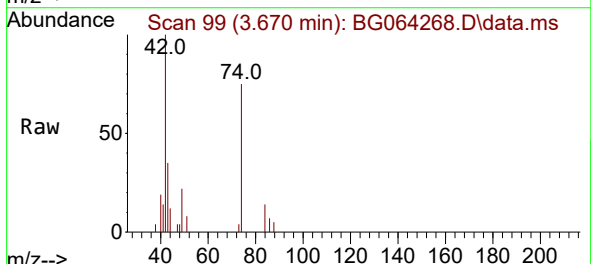
Tgt Ion: 79 Resp: 959
Ion Ratio Lower Upper
79 100
52 98.9 86.6 129.8
51 51.6 114.1 171.1

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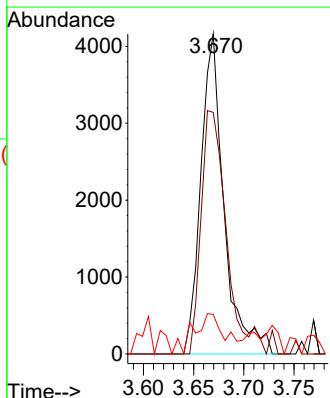
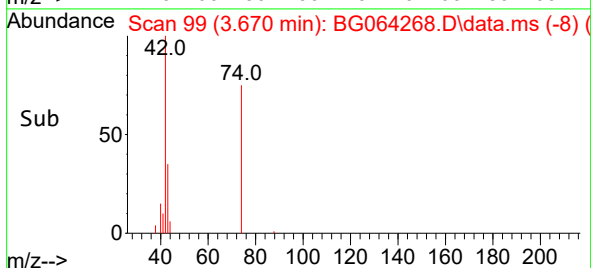
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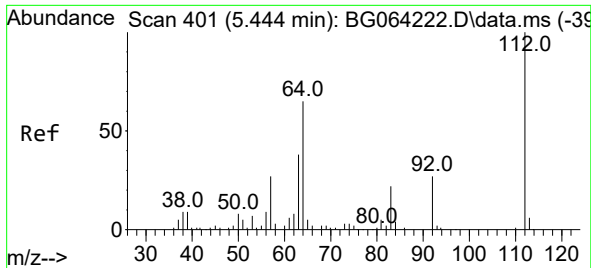


#4
n-Nitrosodimethylamine
Concen: 4.202 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



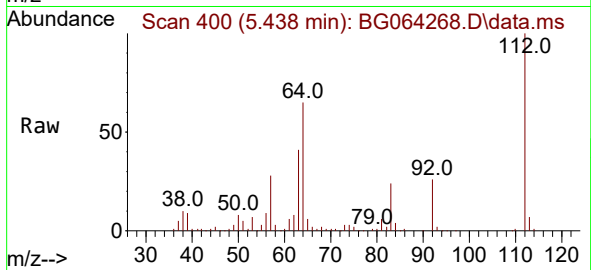
Tgt Ion: 42 Resp: 6717
Ion Ratio Lower Upper
42 100
74 75.5 58.0 87.0
44 12.3 5.5 8.3





#5
2-Fluorophenol
Concen: 138.781 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

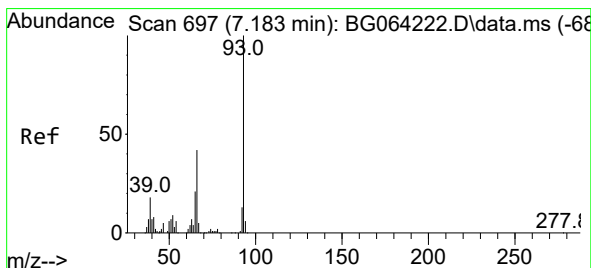
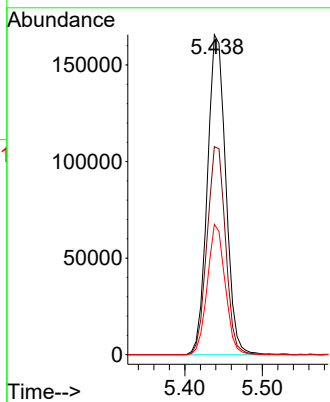
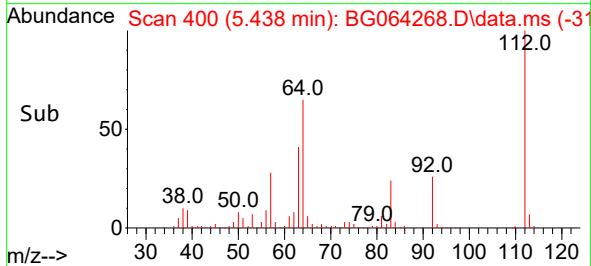
Instrument :
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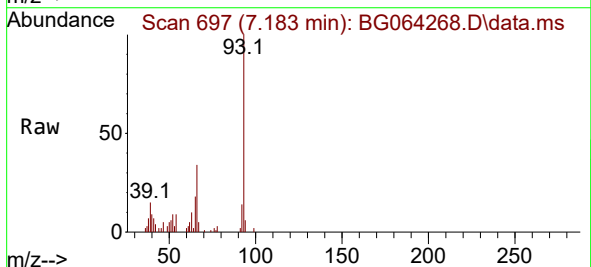
Tgt Ion:112 Resp: 273379
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.6
63 40.8 30.6 45.8

Manual Integrations
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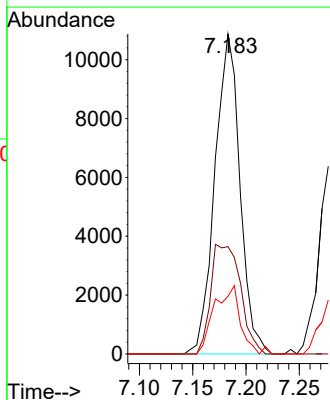
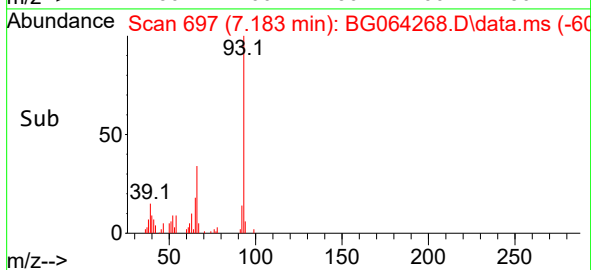
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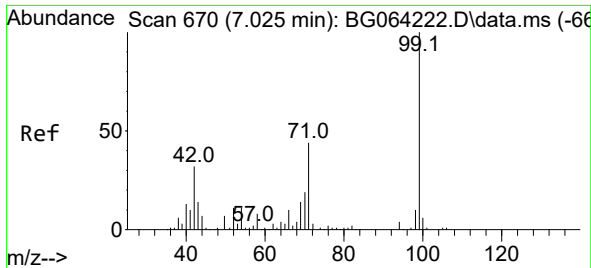


#6
Aniline
Concen: 4.745 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion: 93 Resp: 17756
Ion Ratio Lower Upper
93 100
66 33.6 33.8 50.8#
65 18.0 16.9 25.3





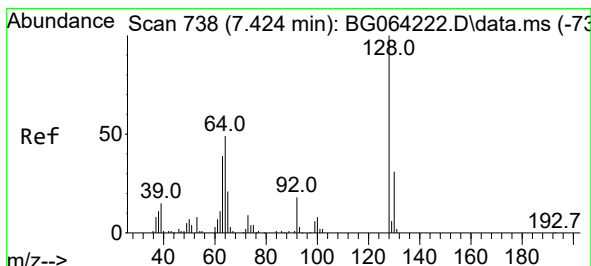
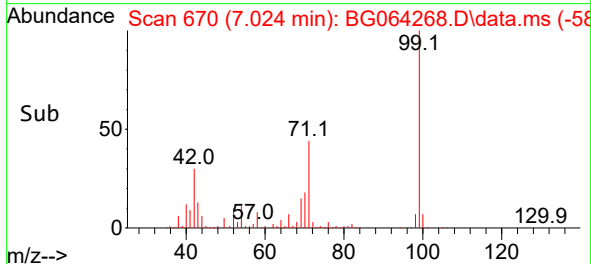
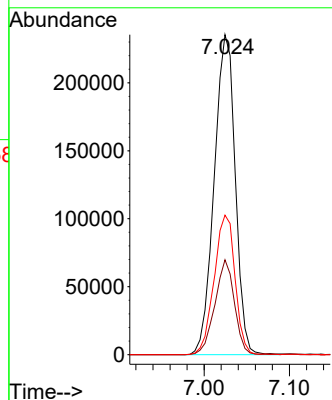
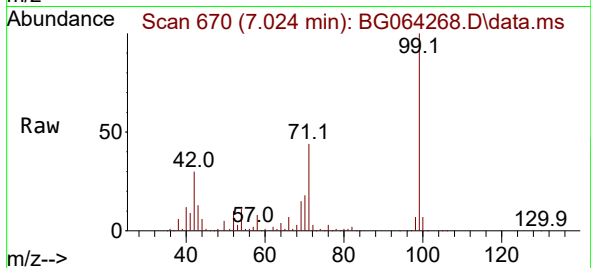
#7
Phenol-d6
Concen: 149.256 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 403924
Ion Ratio Lower Upper
99 100
42 29.6 25.8 38.8
71 43.6 35.2 52.8

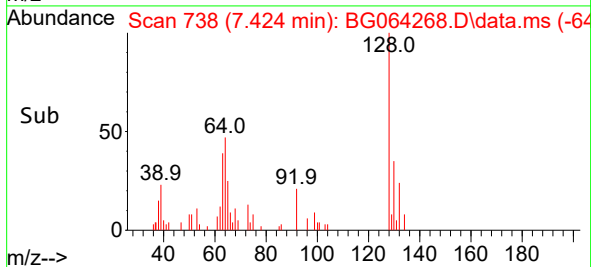
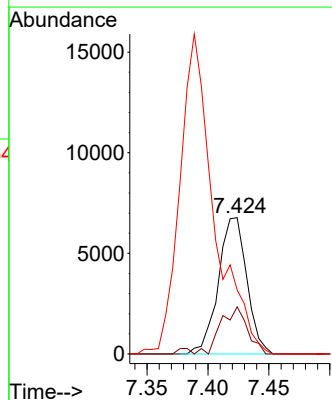
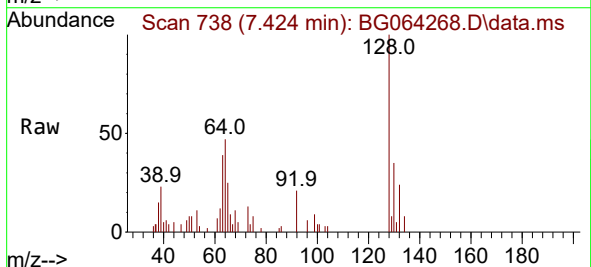
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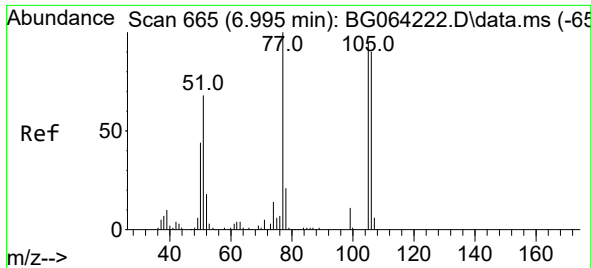
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#8
2-Chlorophenol
Concen: 4.587 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:128 Resp: 11042
Ion Ratio Lower Upper
128 100
130 34.5 10.9 50.9
64 47.0 28.7 68.7





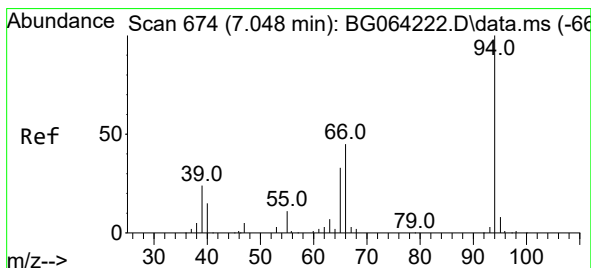
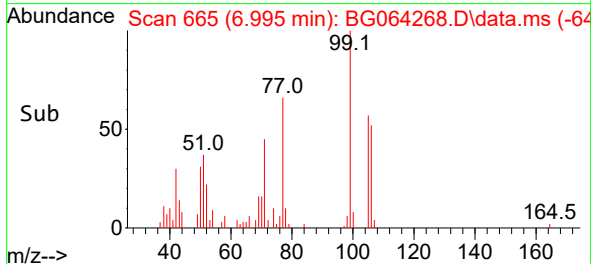
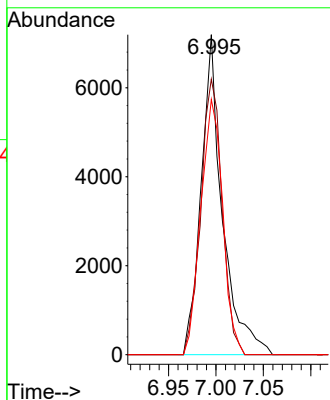
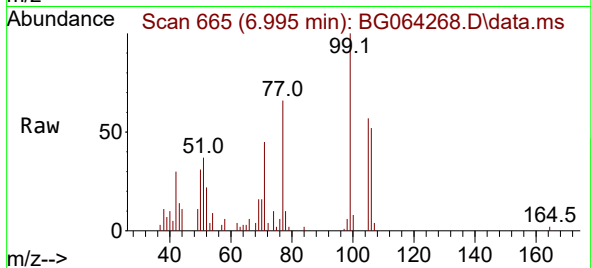
#9
Benzaldehyde
Concen: 5.022 ng
RT: 6.995 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion: 77 Resp: 11184
Ion Ratio Lower Upper
77 100
105 86.1 75.2 115.2
106 79.7 69.6 109.6

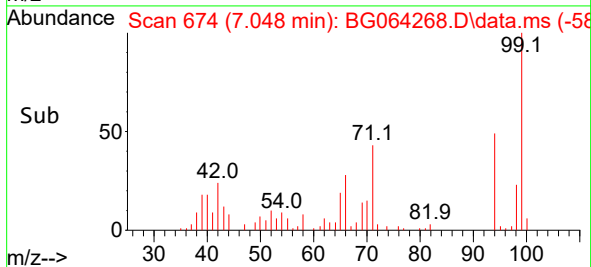
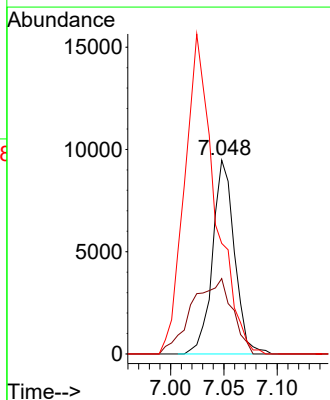
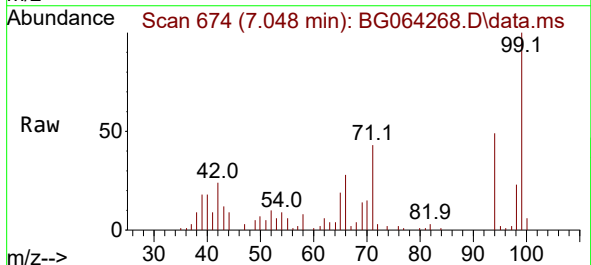
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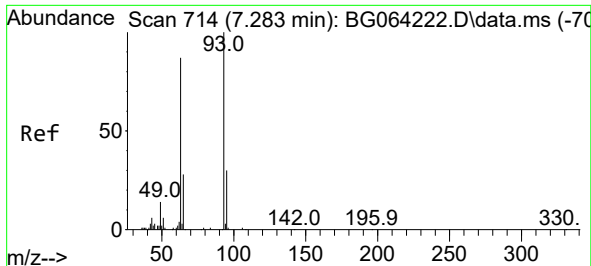
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#10
Phenol
Concen: 4.525 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

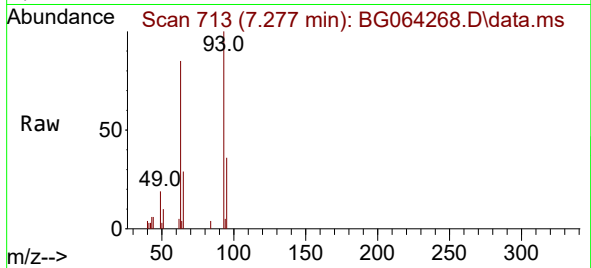
Tgt Ion: 94 Resp: 13500
Ion Ratio Lower Upper
94 100
65 38.9 13.5 53.5
66 57.1 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 4.473 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

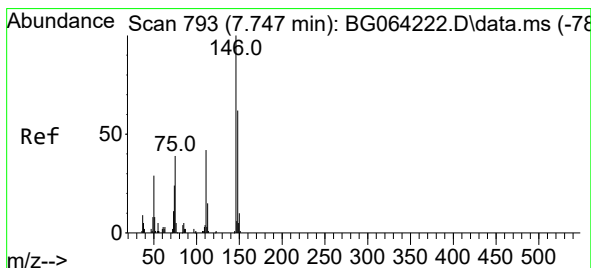
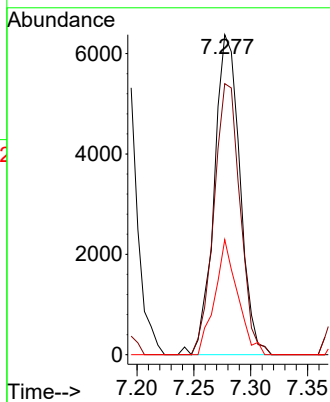
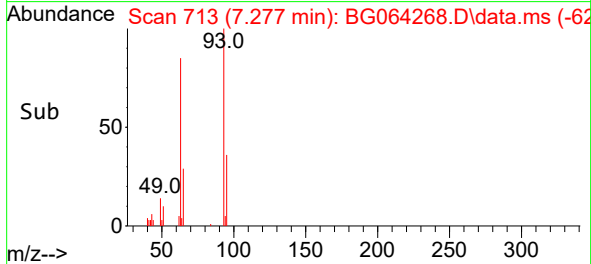
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 93 Resp: 10029
Ion Ratio Lower Upper
93 100
63 84.7 66.2 106.2
95 36.0 9.8 49.8

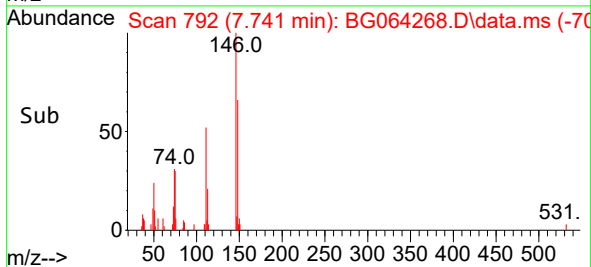
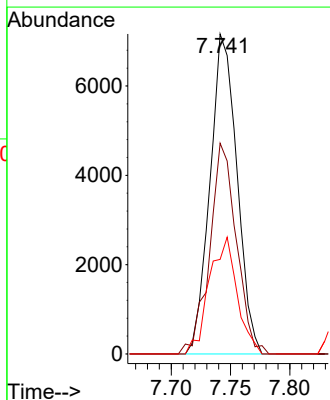
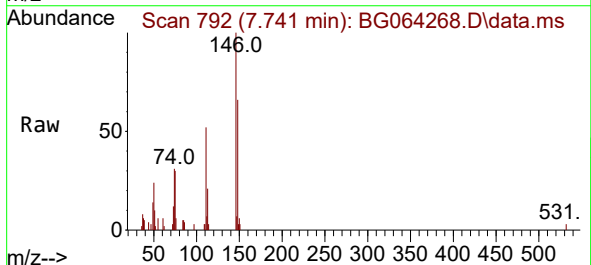
Manual Integrations
APPROVED

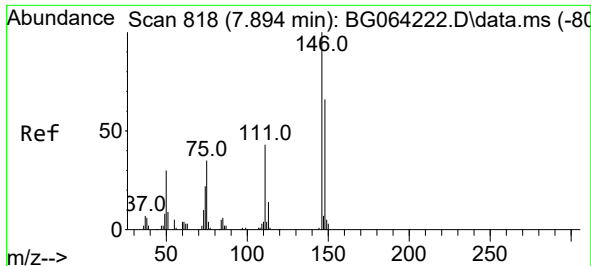
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#12
1,3-Dichlorobenzene
Concen: 4.429 ng m
RT: 7.741 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:146 Resp: 11343
Ion Ratio Lower Upper
146 100
148 65.8 49.6 74.4
75 29.6 31.0 46.6#





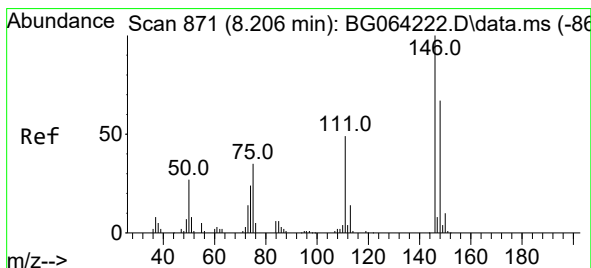
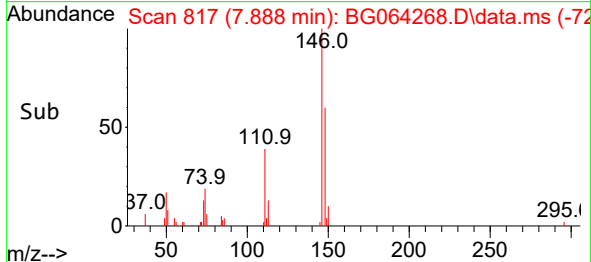
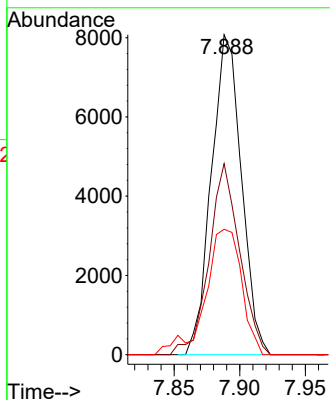
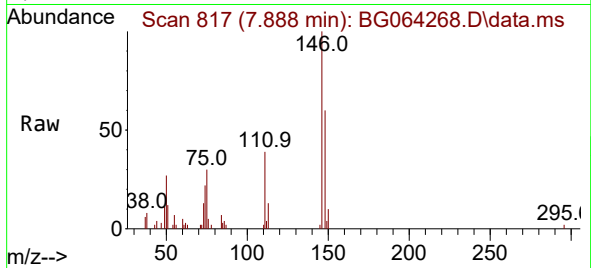
#13
1,4-Dichlorobenzene
Concen: 4.970 ng
RT: 7.888 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:146 Resp: 12844
Ion Ratio Lower Upper
146 100
148 59.7 52.8 79.2
111 39.2 34.1 51.1

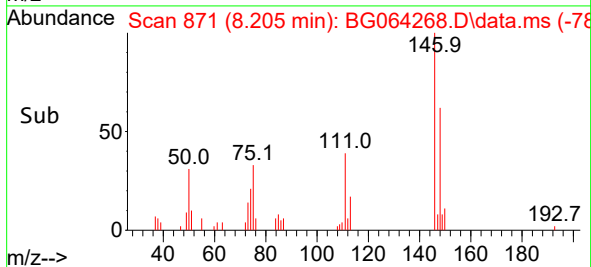
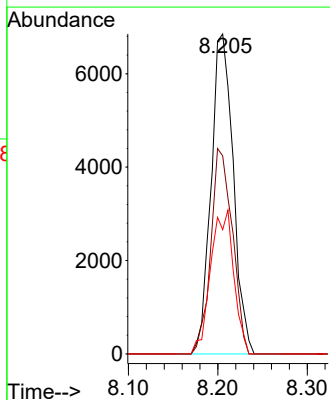
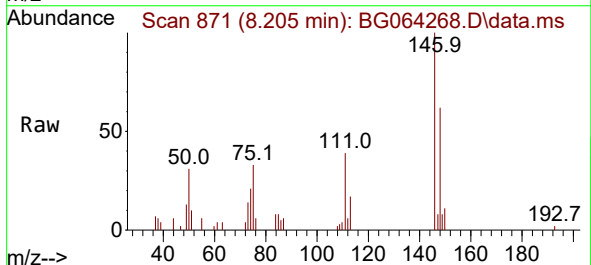
Manual Integrations
APPROVED

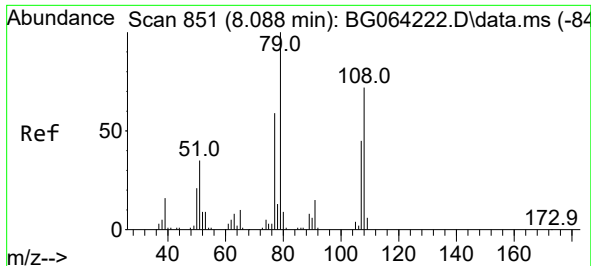
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#14
1,2-Dichlorobenzene
Concen: 4.728 ng m
RT: 8.205 min Scan# 871
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:146 Resp: 11793
Ion Ratio Lower Upper
146 100
148 61.9 53.4 80.0
111 38.8 39.1 58.7#





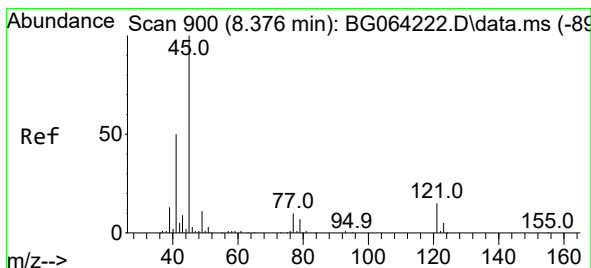
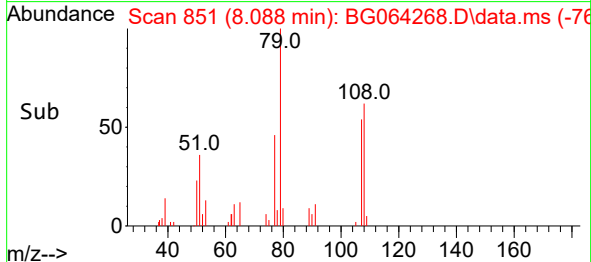
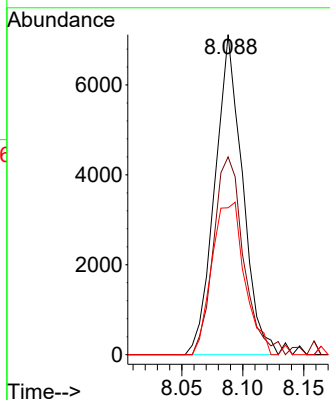
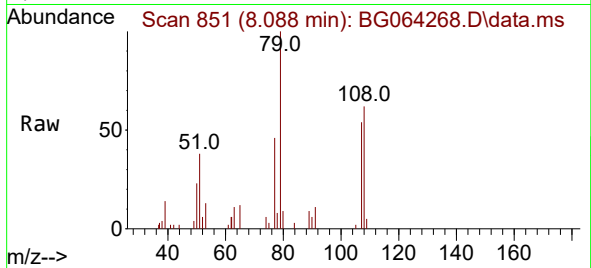
#15
Benzyl Alcohol
Concen: 4.491 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion: 79 Resp: 11210
Ion Ratio Lower Upper
79 100
108 61.8 57.4 86.0
77 45.9 47.2 70.8

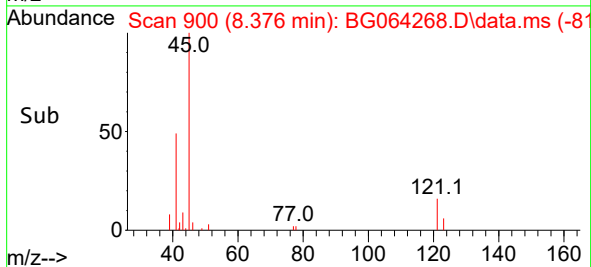
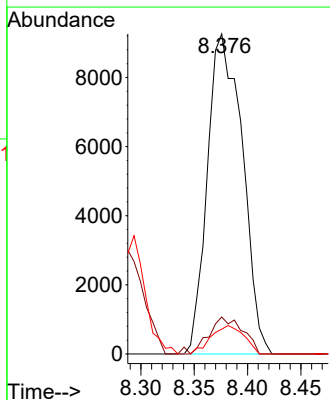
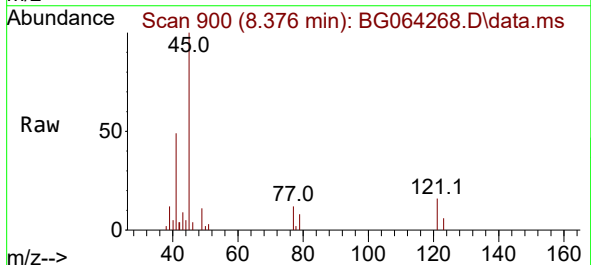
Manual Integrations
APPROVED

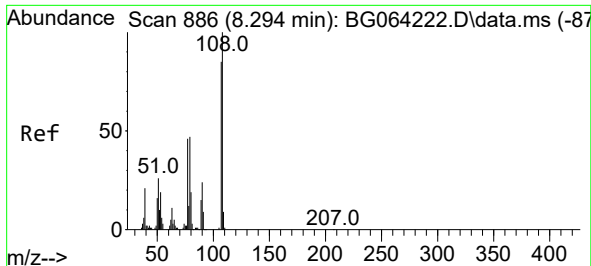
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.120 ng
RT: 8.376 min Scan# 900
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

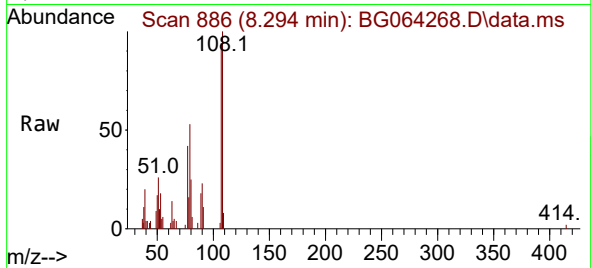
Tgt Ion: 45 Resp: 21089
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 7.7 0.0 27.9





#17
2-Methylphenol
Concen: 4.383 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

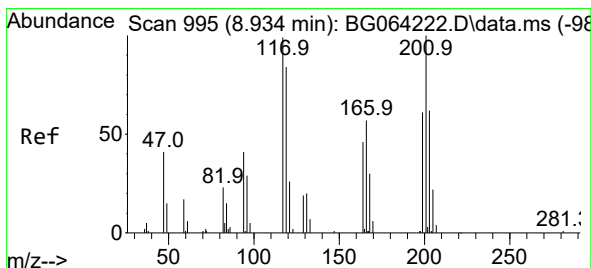
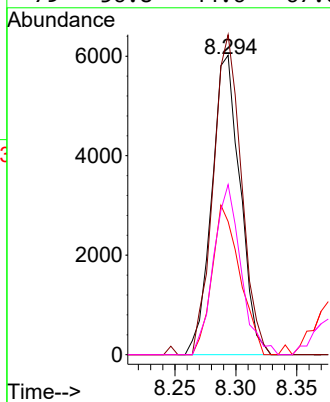
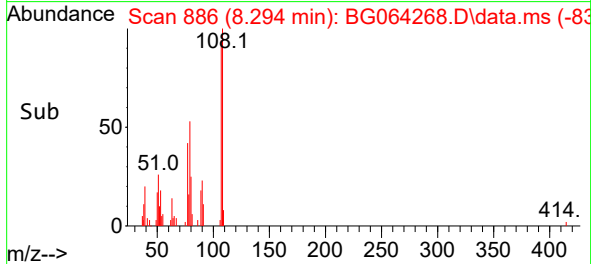
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	107	Resp:	9740
Ion	Ratio	Lower	Upper
107	100		
108	106.9	94.6	141.8
77	44.5	43.7	65.5
79	56.8	44.6	67.0

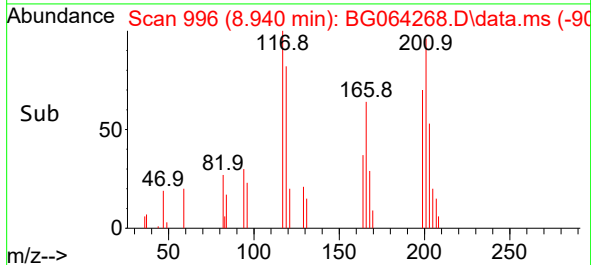
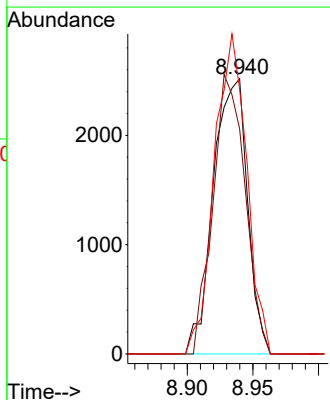
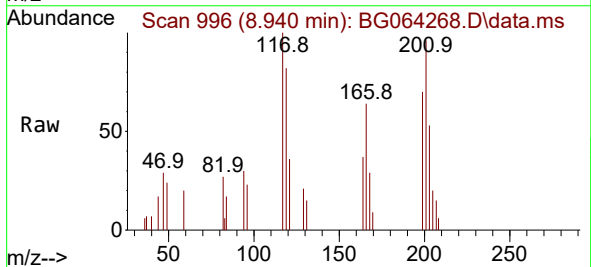
Manual Integrations
APPROVED

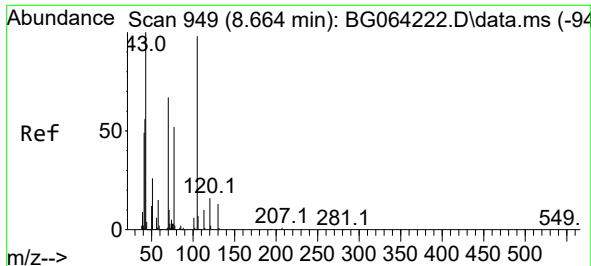
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#18
Hexachloroethane
Concen: 4.515 ng
RT: 8.940 min Scan# 996
Delta R.T. 0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

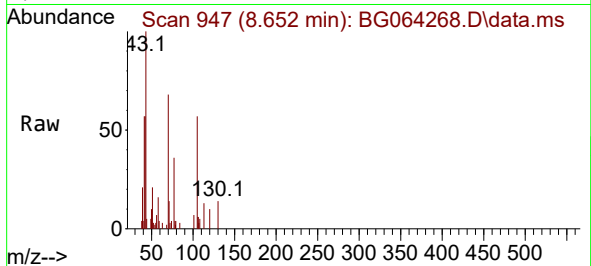
Tgt Ion:	117	Resp:	4555
Ion	Ratio	Lower	Upper
117	100		
119	81.8	67.9	101.9
201	96.1	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 4.430 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

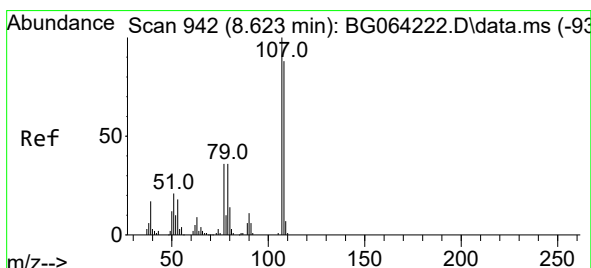
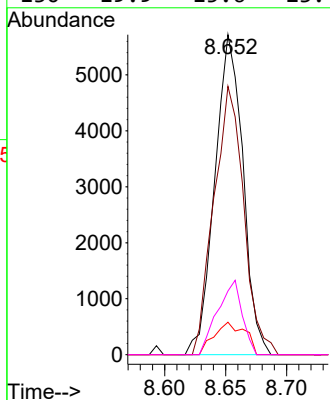
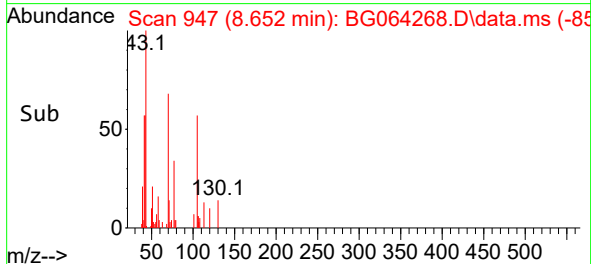
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 70 Resp: 917
Ion Ratio Lower Upper
70 100
42 83.9 67.9 101.9
101 10.2 7.3 10.9
130 19.9 15.6 23.4

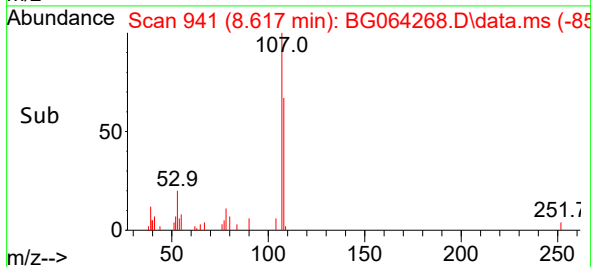
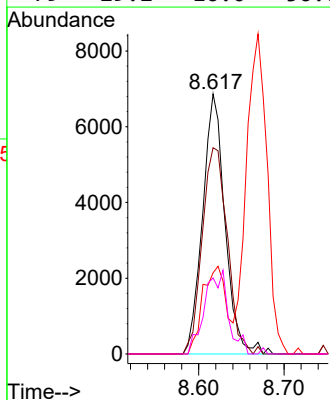
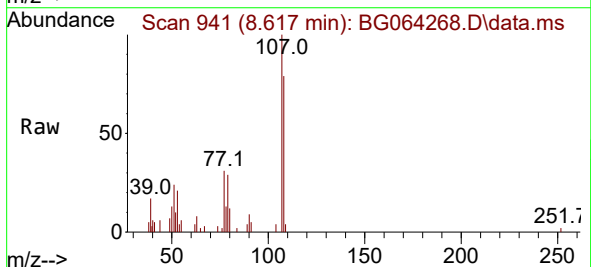
Manual Integrations
APPROVED

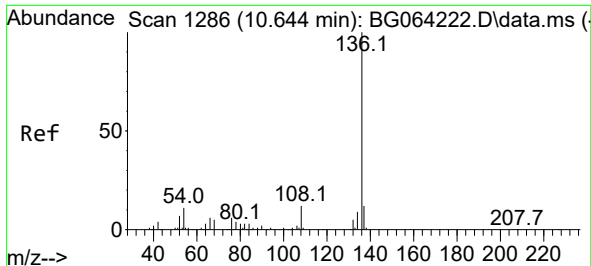
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#20
3+4-Methylphenols
Concen: 4.051 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

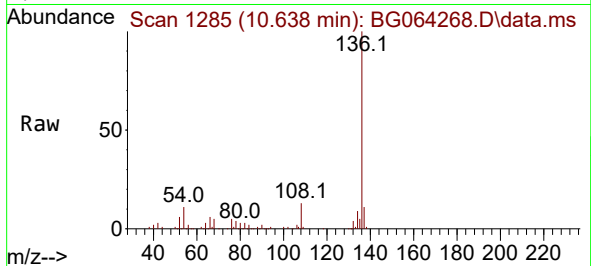
Tgt Ion:107 Resp: 12517
Ion Ratio Lower Upper
107 100
108 79.3 68.1 108.1
77 31.2 15.9 55.9
79 29.2 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

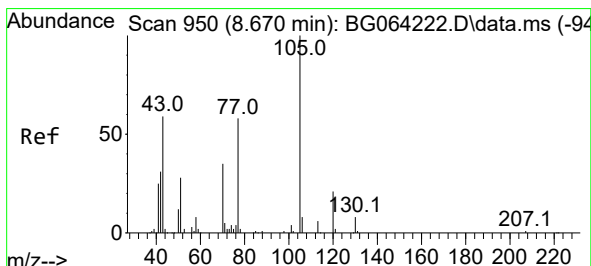
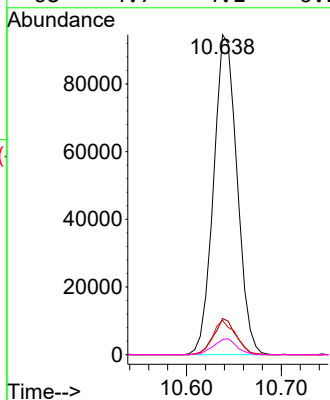
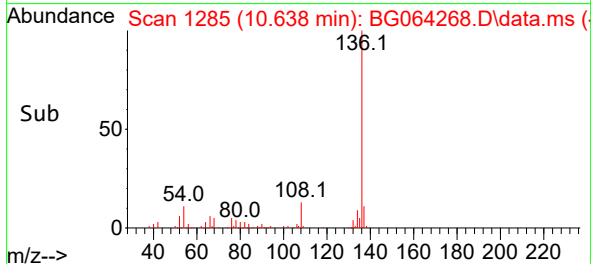
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:136 Resp: 162848
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.8 8.8 13.2
68 4.7 4.1 6.1

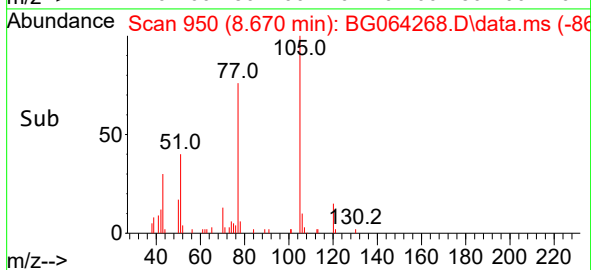
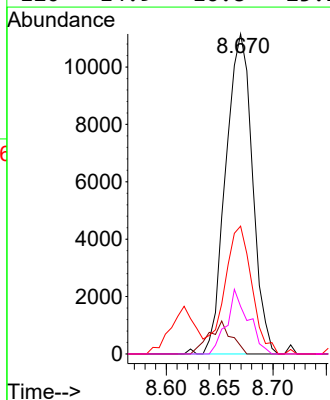
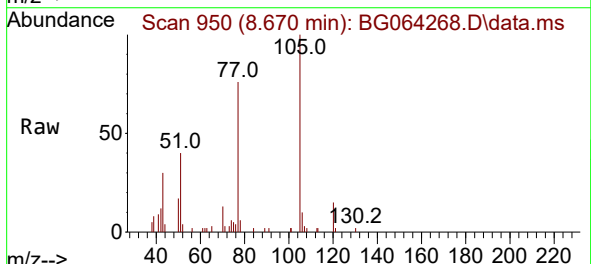
Manual Integrations
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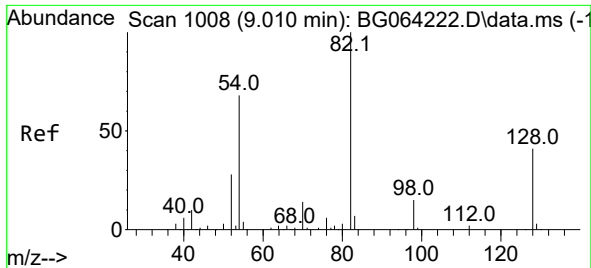
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#22
Acetophenone
Concen: 4.713 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:105 Resp: 19418
Ion Ratio Lower Upper
105 100
71 2.6 4.3 6.5#
51 39.9 32.4 48.6
120 14.9 16.8 25.2#





#23

Nitrobenzene-d5

Concen: 104.476 ng

RT: 9.004 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 82 Resp: 30506

Ion Ratio Lower Upper

82 100

128 38.8 32.6 48.8

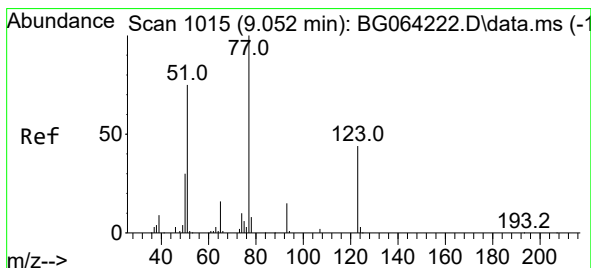
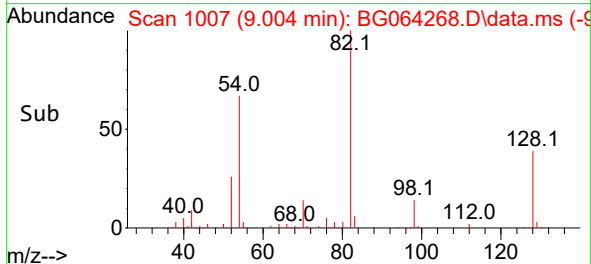
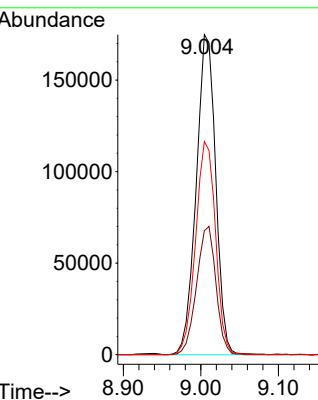
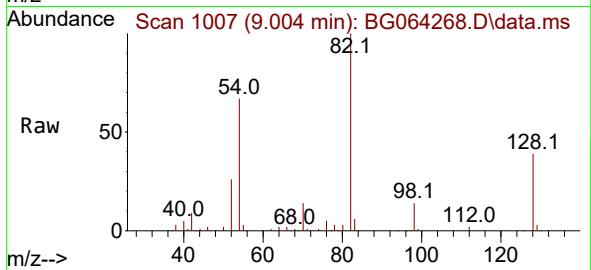
54 66.6 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#24

Nitrobenzene

Concen: 4.760 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

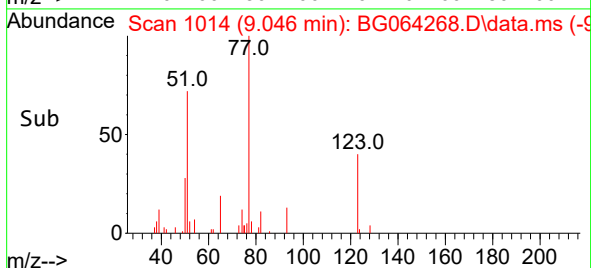
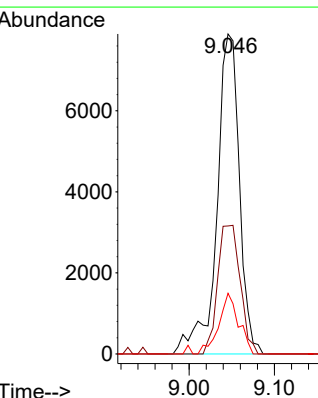
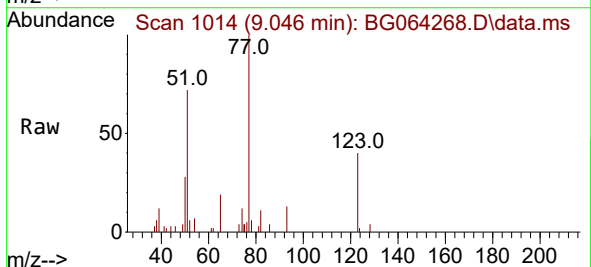
Tgt Ion: 77 Resp: 14522

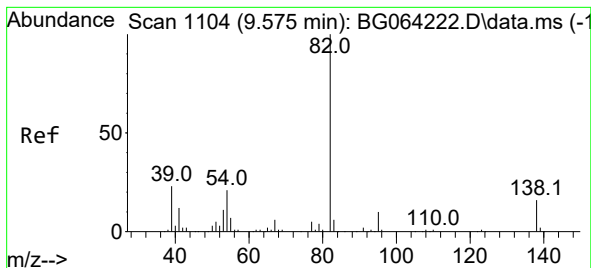
Ion Ratio Lower Upper

77 100

123 42.1 35.2 52.8

65 18.9 12.6 19.0





#25

Isophorone

Concen: 4.224 ng

RT: 9.569 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

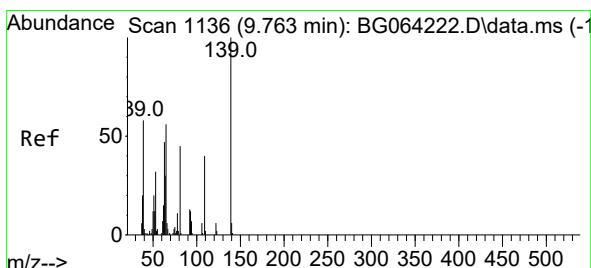
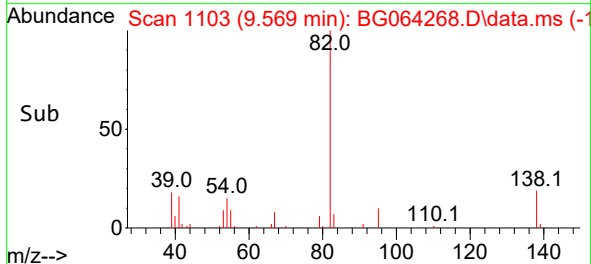
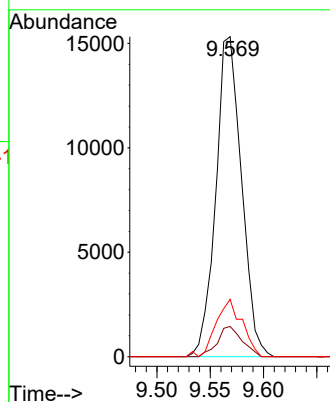
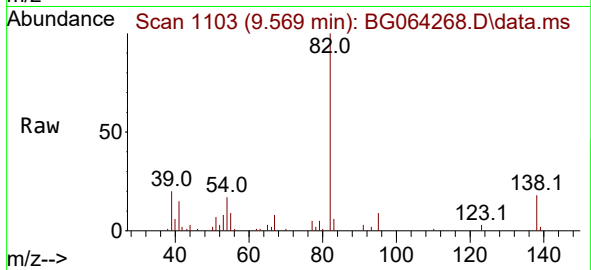
Tgt Ion: 82	Resp: 2563
Ion Ratio	Lower Upper
82 100	
95 9.5	7.9 11.9
138 17.9	13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#26

2-Nitrophenol

Concen: 4.481 ng

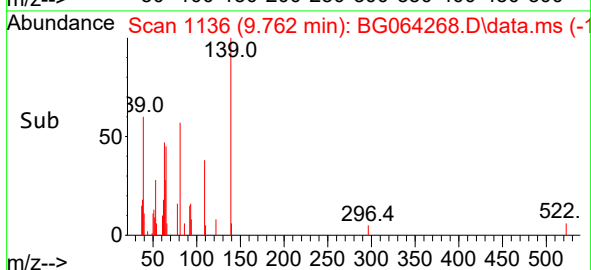
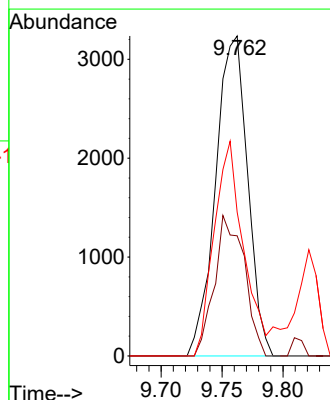
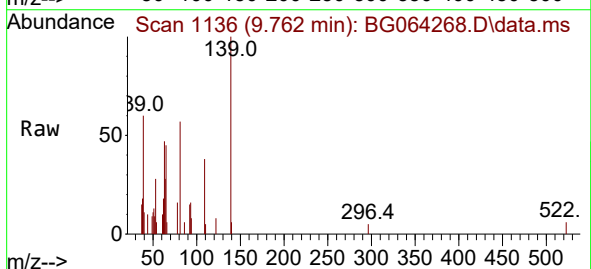
RT: 9.762 min Scan# 1136

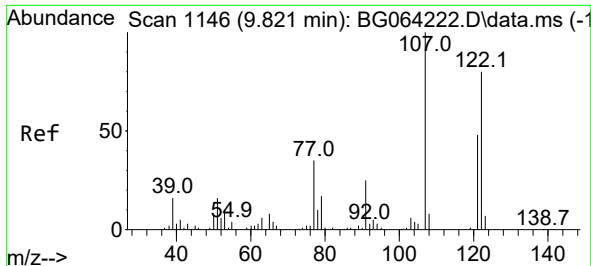
Delta R.T. -0.000 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Tgt Ion:139	Resp: 5907
Ion Ratio	Lower Upper
139 100	
109 37.6	32.4 48.6
65 44.9	44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.524 ng

RT: 9.815 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

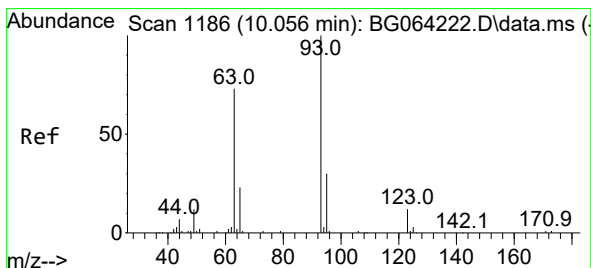
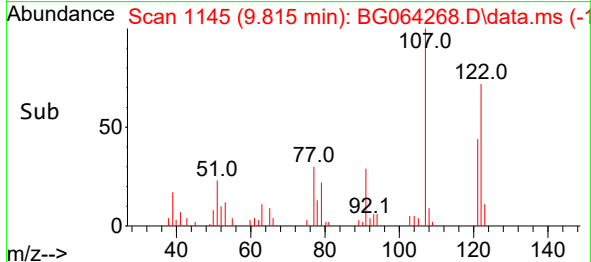
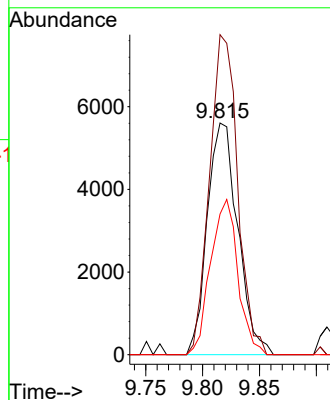
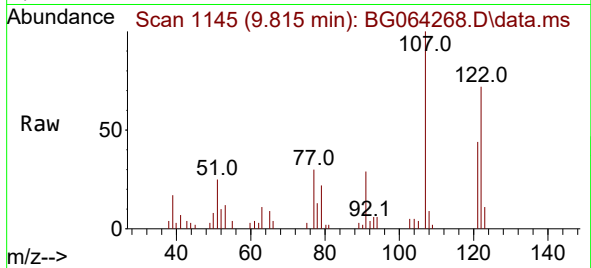
Tgt Ion:122 Resp: 1047
 Ion Ratio Lower Upper
 122 100
 107 138.1 99.9 149.9
 121 60.7 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.492 ng

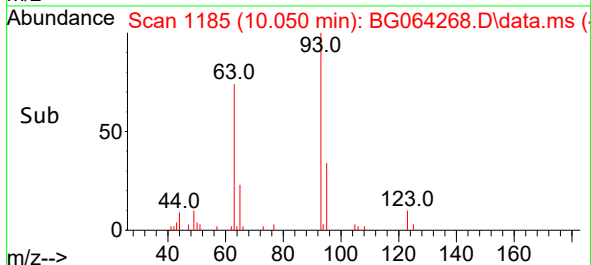
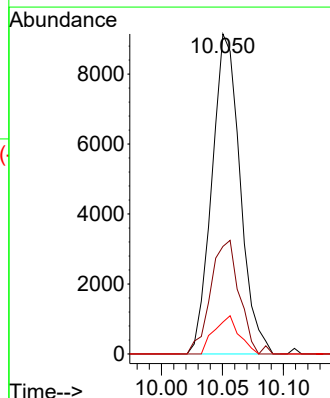
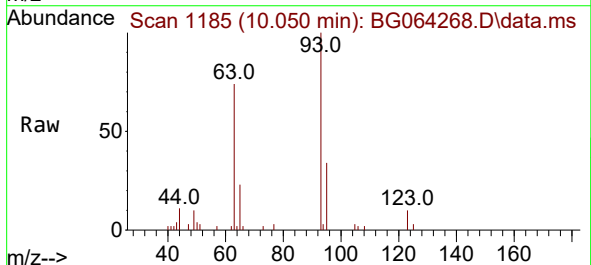
RT: 10.050 min Scan# 1185

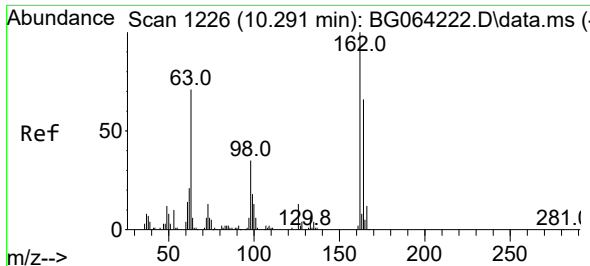
Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Tgt Ion: 93 Resp: 14700
 Ion Ratio Lower Upper
 93 100
 95 33.6 23.9 35.9
 123 9.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.027 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064268.D

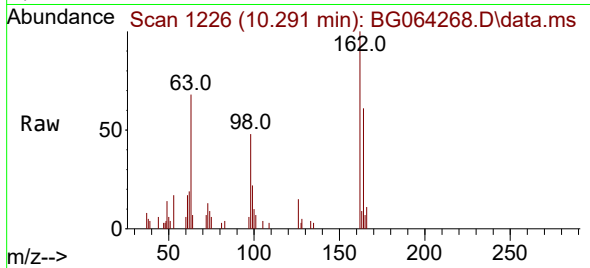
Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



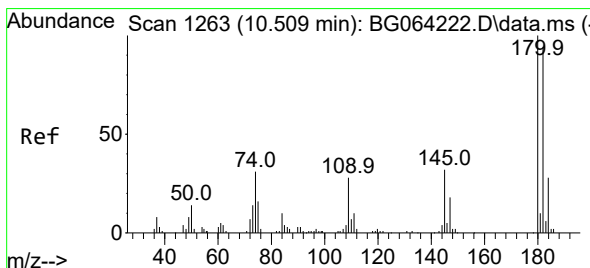
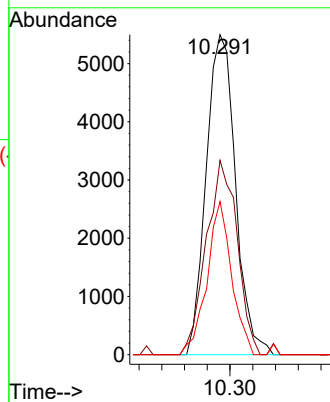
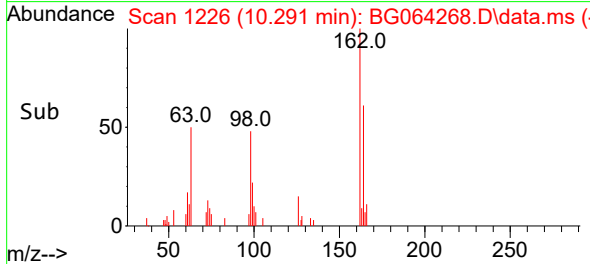
Tgt Ion:162	Resp:	983
Ion Ratio	Lower	Upper
162	100	
164	60.7	45.8 85.8
98	47.8	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.702 ng

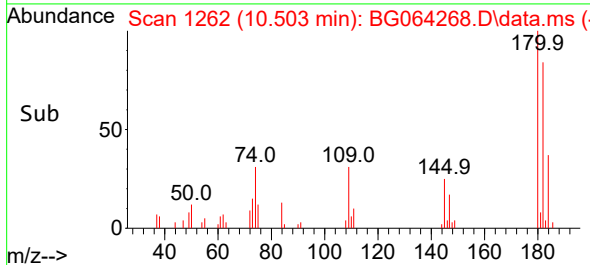
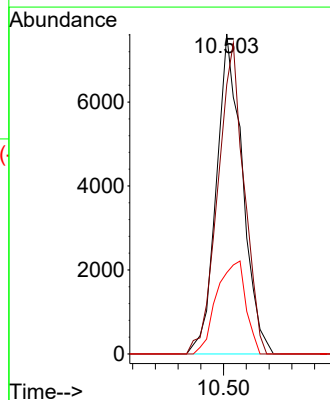
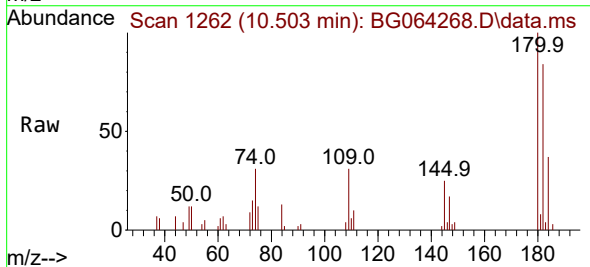
RT: 10.503 min Scan# 1262

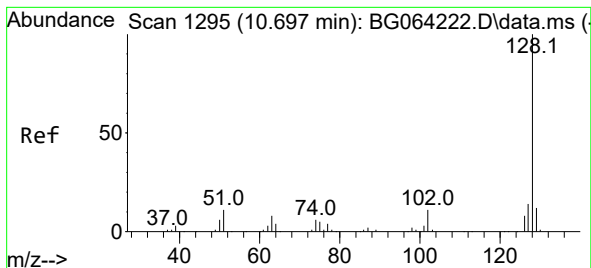
Delta R.T. -0.006 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

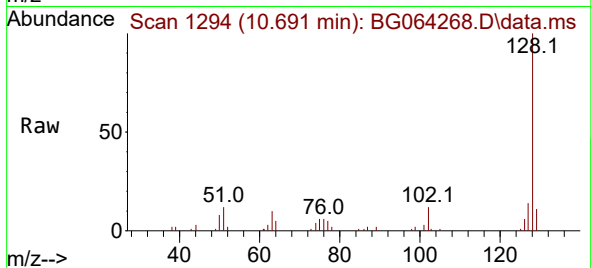
Tgt Ion:180	Resp:	12107
Ion Ratio	Lower	Upper
180	100	
182	84.2	75.0 112.6
145	25.4	25.4 38.0





#31
Naphthalene
Concen: 4.318 ng
RT: 10.691 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

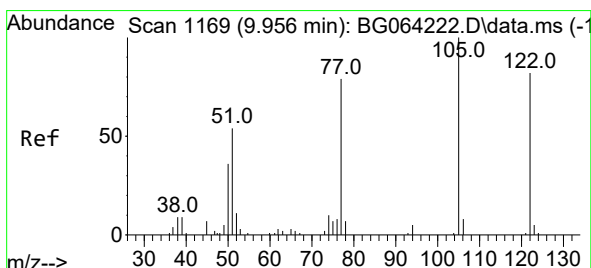
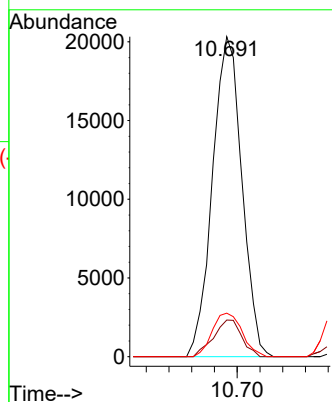
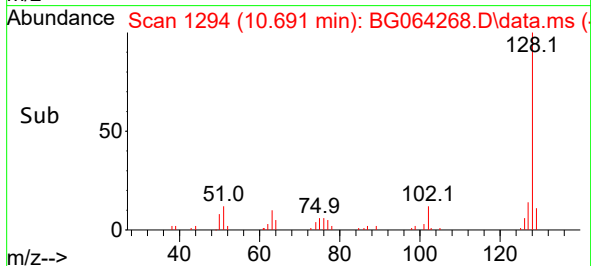
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



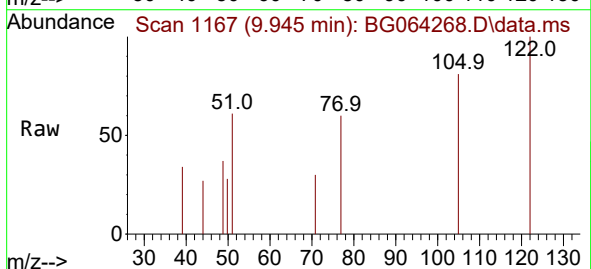
Tgt Ion:128 Resp: 3646
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.6 10.9 16.3

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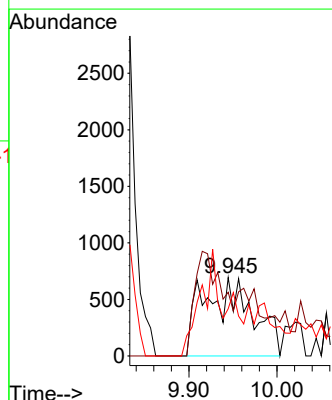
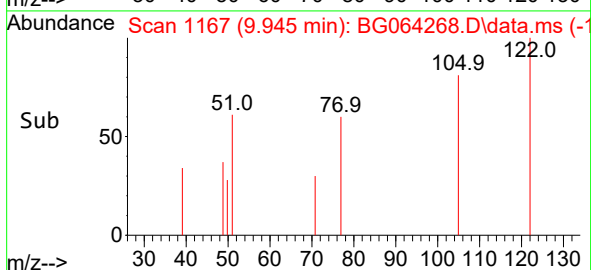
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

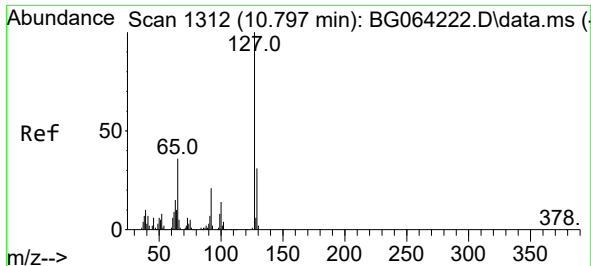


#32
Benzoic acid
Concen: 1.437 ng m
RT: 9.945 min Scan# 1167
Delta R.T. -0.071 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



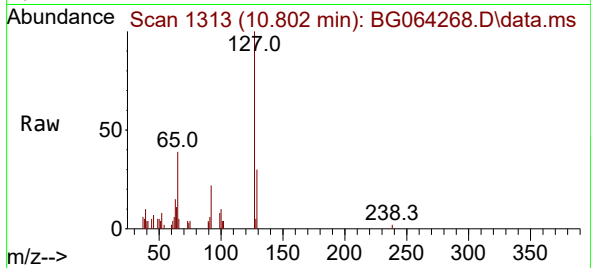
Tgt Ion:122 Resp: 2640
Ion Ratio Lower Upper
122 100
105 81.2 98.5 138.5#
77 60.3 74.6 114.6#





#33
4-Chloroaniline
Concen: 4.684 ng
RT: 10.802 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

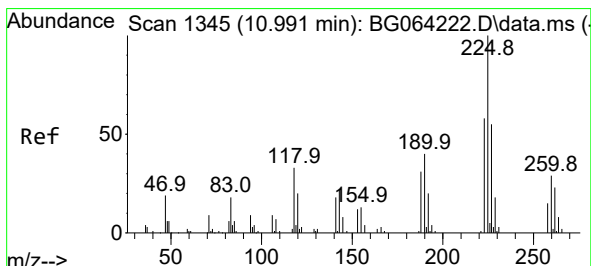
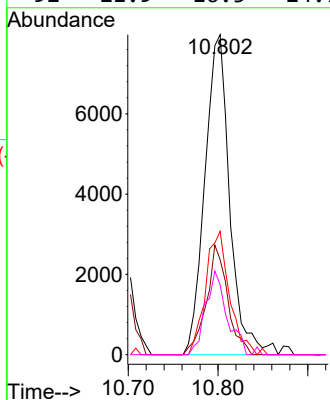
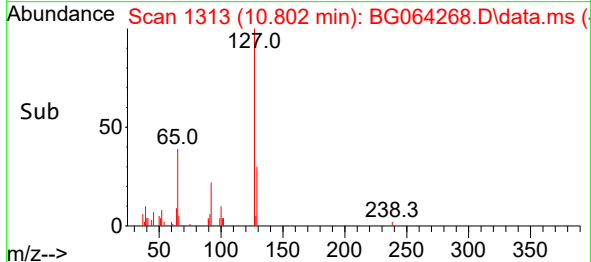
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:127 Resp: 15329
Ion Ratio Lower Upper
127 100
129 29.7 25.0 37.4
65 38.6 28.7 43.1
92 21.9 16.5 24.7

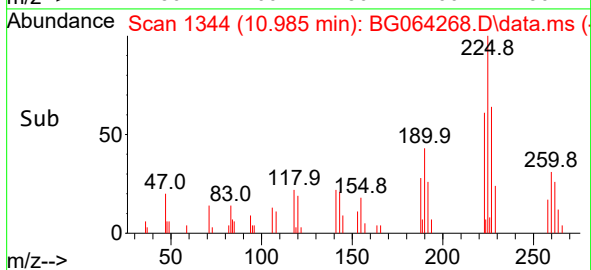
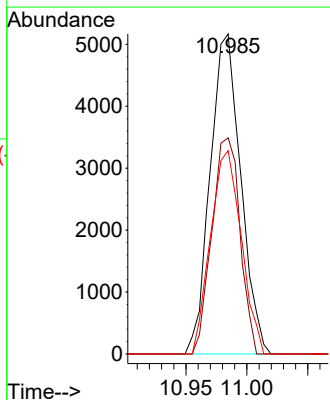
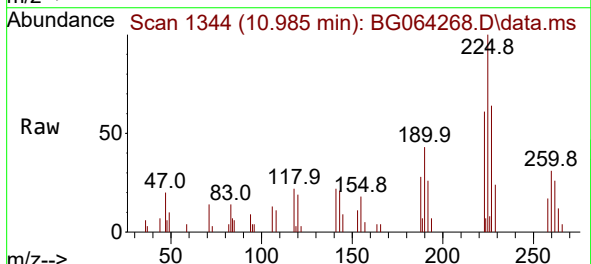
Manual Integrations
APPROVED

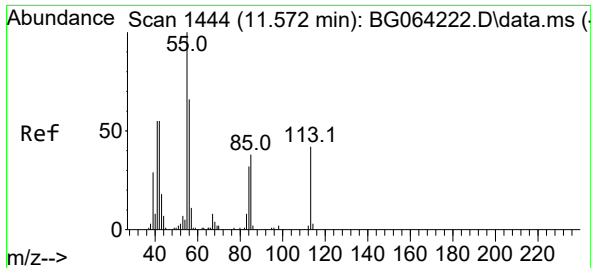
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#34
Hexachlorobutadiene
Concen: 4.746 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

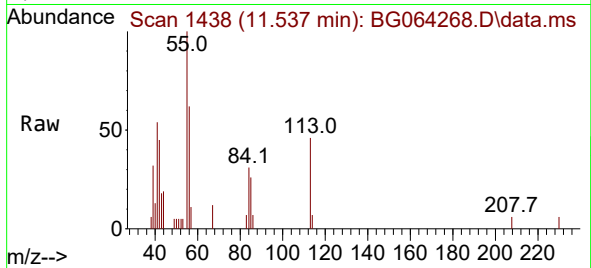
Tgt Ion:225 Resp: 9034
Ion Ratio Lower Upper
225 100
223 67.6 46.5 69.7
227 63.6 44.1 66.1





#35
Caprolactam
Concen: 3.260 ng
RT: 11.537 min Scan# 1444
Delta R.T. -0.065 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

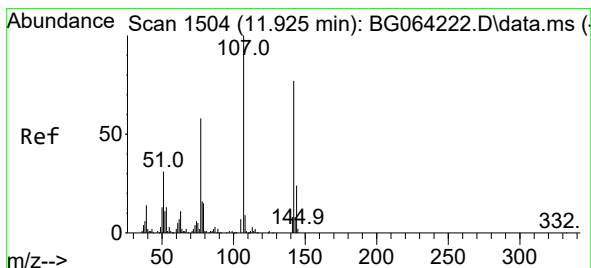
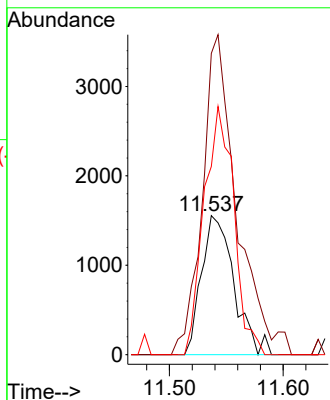
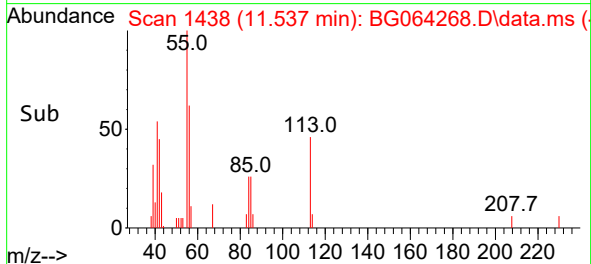
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:113 Resp: 308
Ion Ratio Lower Upper
113 100
55 216.5 218.5 258.5
56 135.2 138.5 178.5

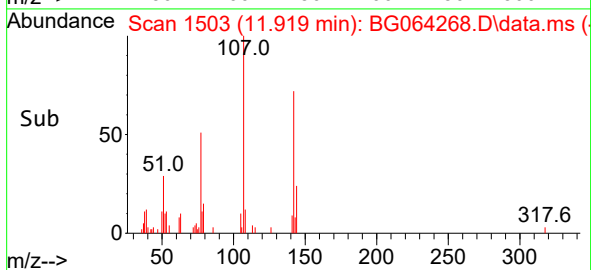
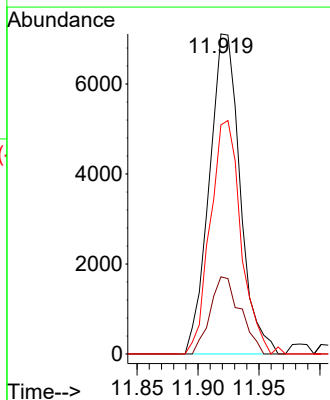
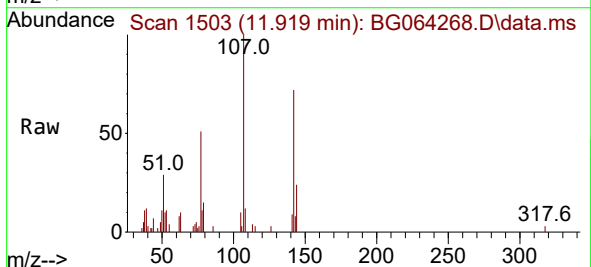
Manual Integrations
APPROVED

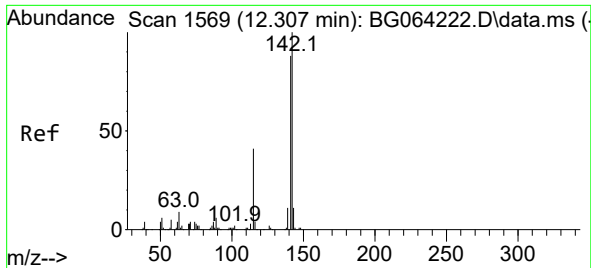
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#36
4-Chloro-3-methylphenol
Concen: 3.947 ng
RT: 11.919 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:107 Resp: 12506
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 71.6 62.0 93.0





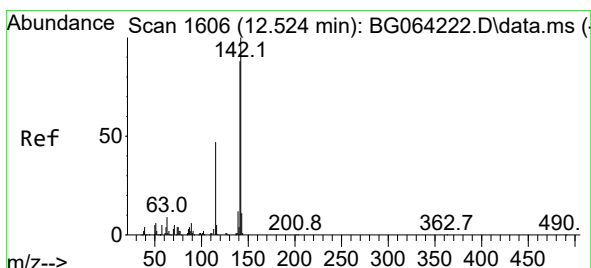
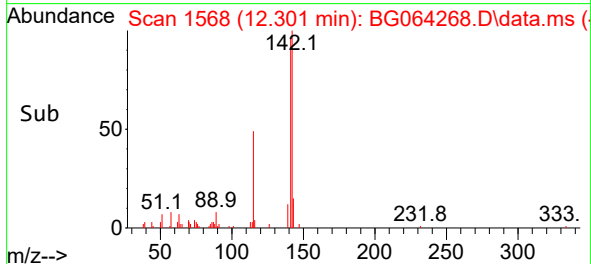
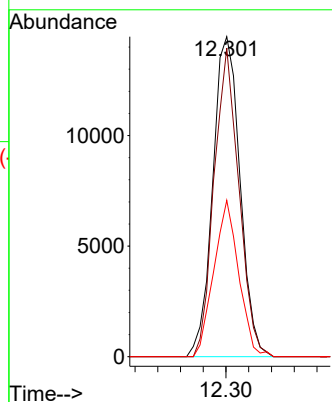
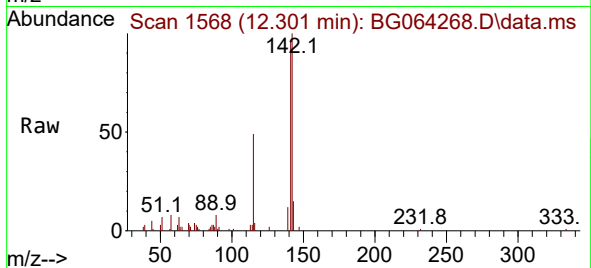
#37
2-Methylnaphthalene
Concen: 3.823 ng
RT: 12.301 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:142 Resp: 23998
Ion Ratio Lower Upper
142 100
141 96.4 70.1 105.1
115 48.9 33.1 49.7

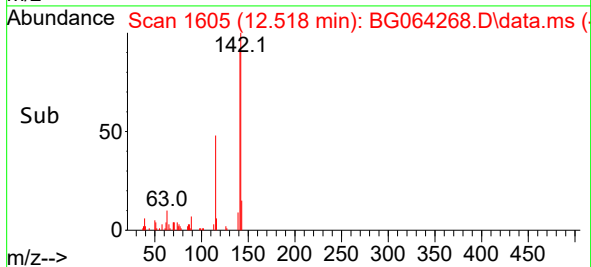
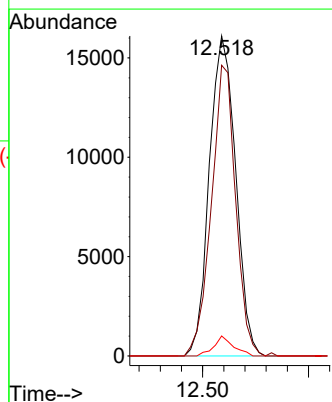
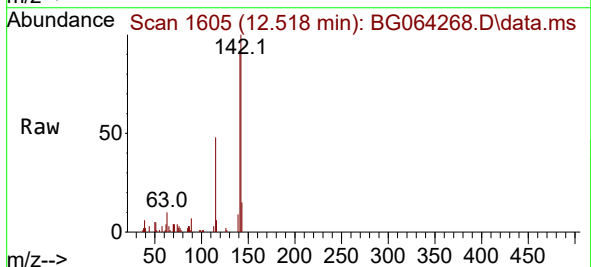
Manual Integrations
APPROVED

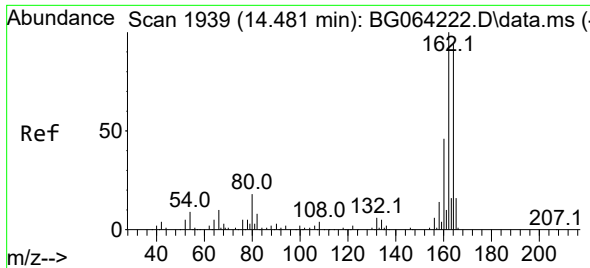
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#38
1-Methylnaphthalene
Concen: 4.486 ng m
RT: 12.518 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

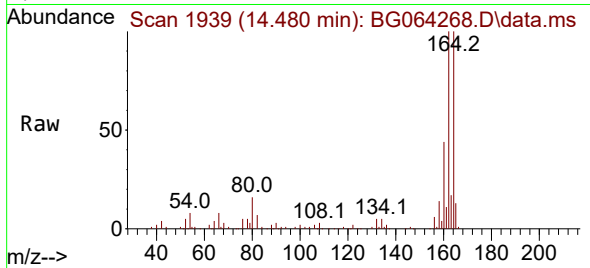
Tgt Ion:142 Resp: 27813
Ion Ratio Lower Upper
142 100
141 90.8 70.3 105.5
116 6.2 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

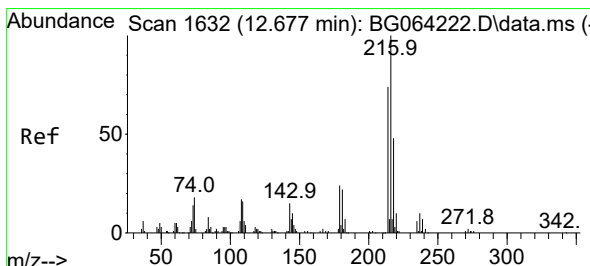
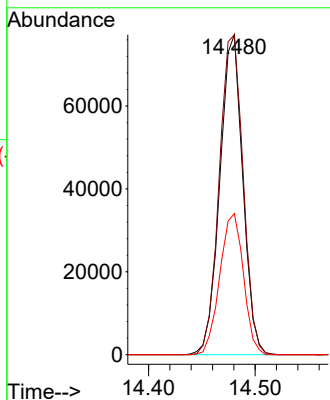
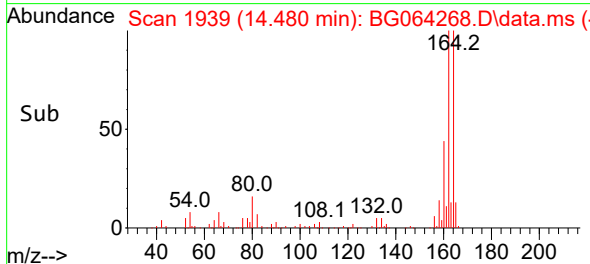
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:164 Resp: 11507
Ion Ratio Lower Upper
164 100
162 99.9 85.4 128.0
160 44.1 39.2 58.8

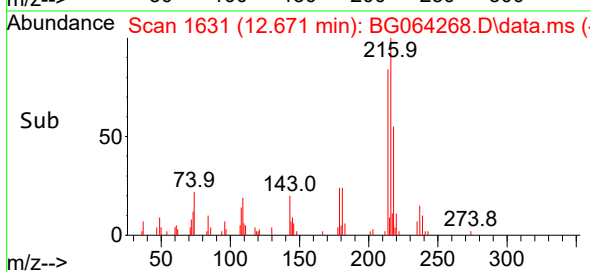
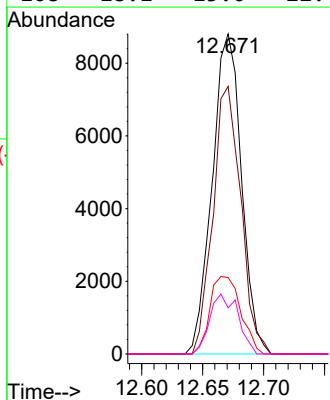
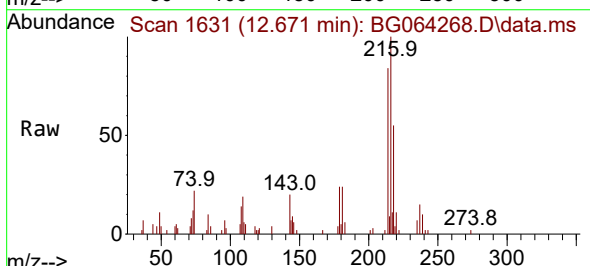
Manual Integrations
APPROVED

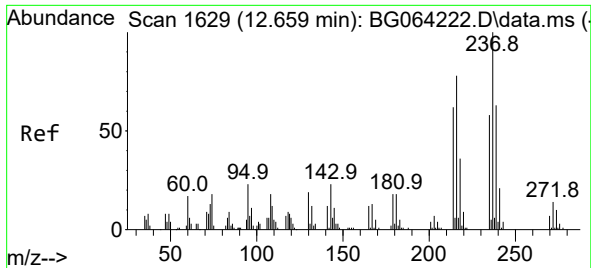
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.424 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

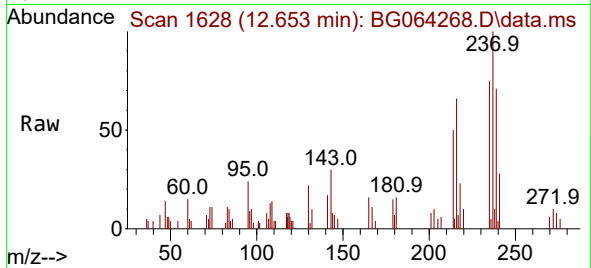
Tgt Ion:216 Resp: 14690
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 25.5 17.9 26.9
108 18.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.397 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

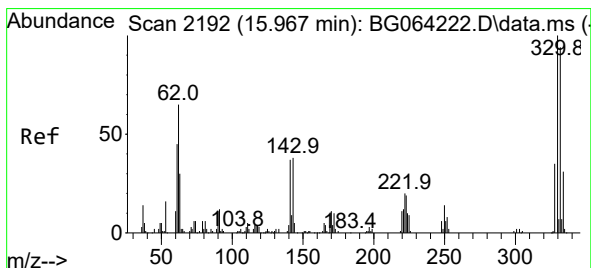
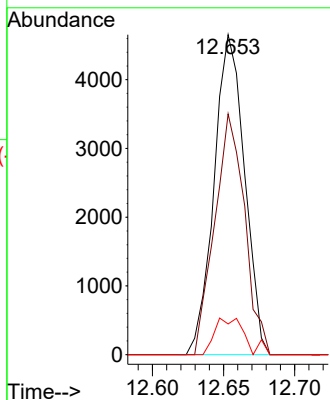
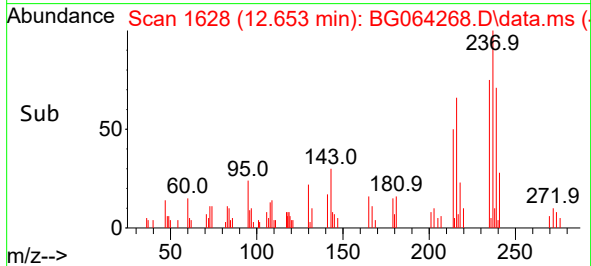
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



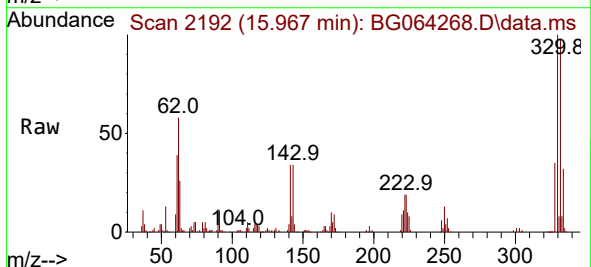
Tgt Ion:237 Resp: 6939
Ion Ratio Lower Upper
237 100
235 75.3 37.9 77.9
272 9.6 0.0 33.8

Manual Integrations
APPROVED

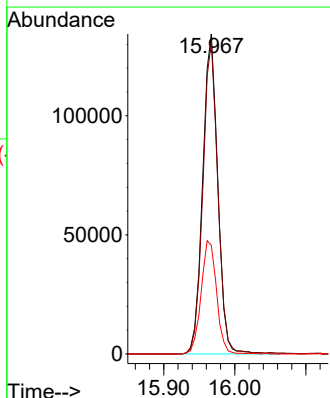
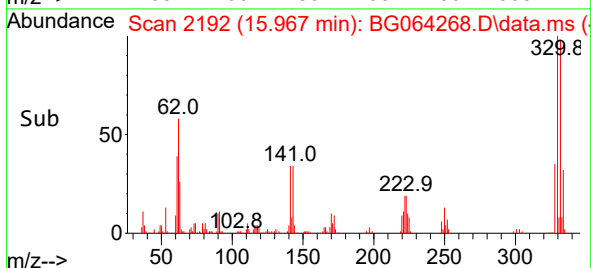
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

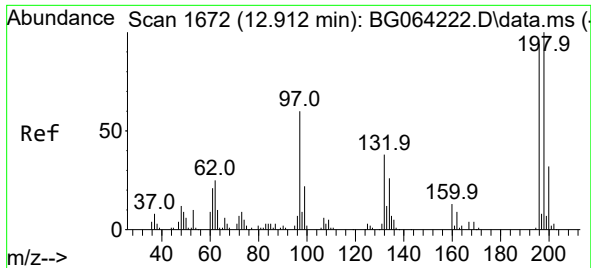


#42
2,4,6-Tribromophenol
Concen: 130.230 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:330 Resp: 198502
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 36.3 29.8 44.6





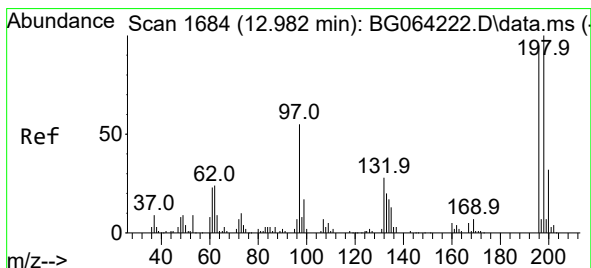
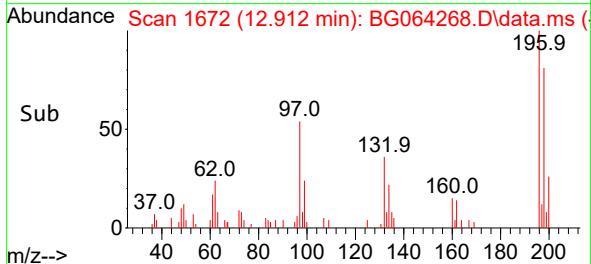
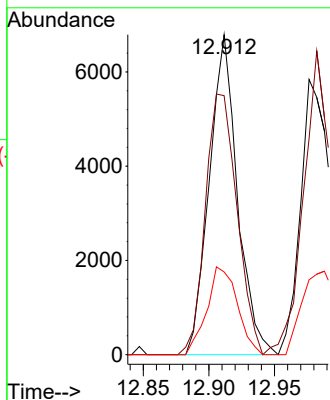
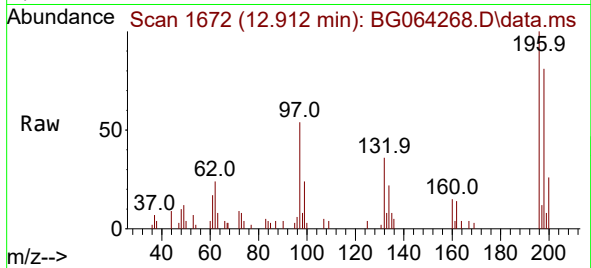
#43
2,4,6-Trichlorophenol
Concen: 4.560 ng
RT: 12.912 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:196 Resp: 10120
Ion Ratio Lower Upper
196 100
198 80.9 85.4 128.2
200 25.8 27.3 40.9

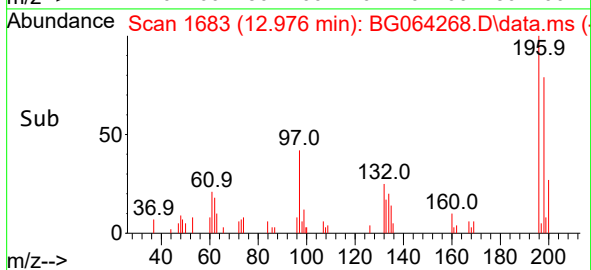
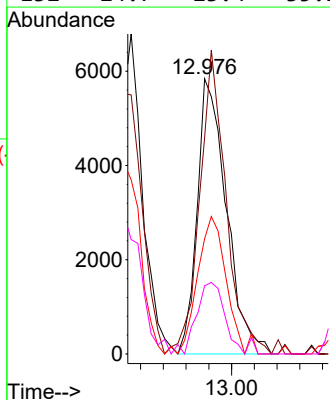
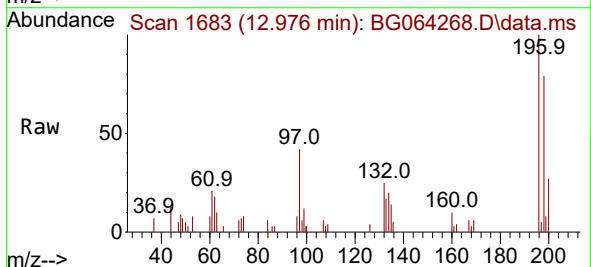
Manual Integrations
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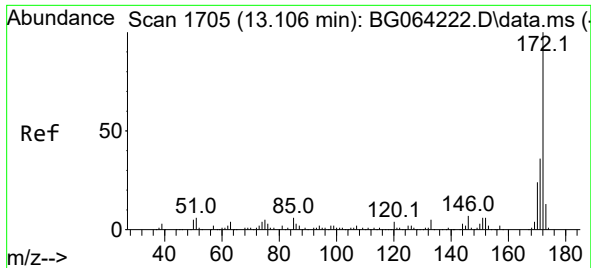
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#44
2,4,5-Trichlorophenol
Concen: 4.330 ng
RT: 12.976 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

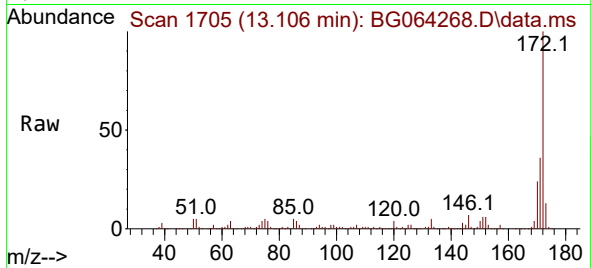
Tgt Ion:196 Resp: 10424
Ion Ratio Lower Upper
196 100
198 78.5 84.5 126.7#
97 41.9 46.8 70.2#
132 24.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 99.494 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

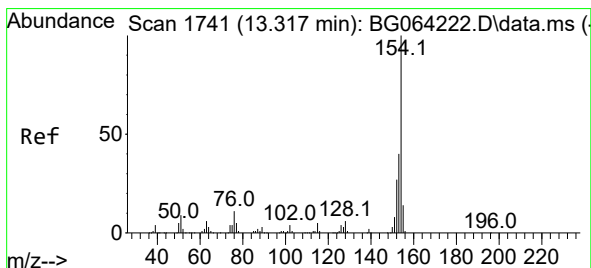
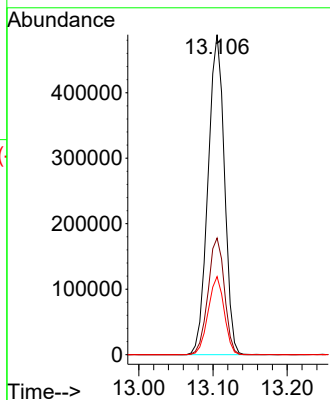
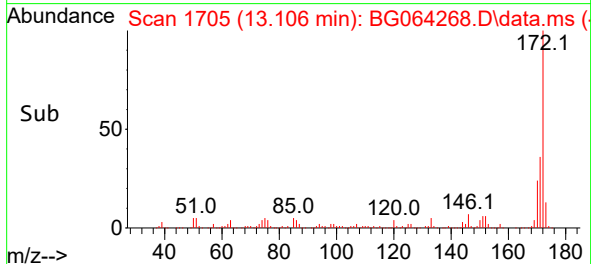
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



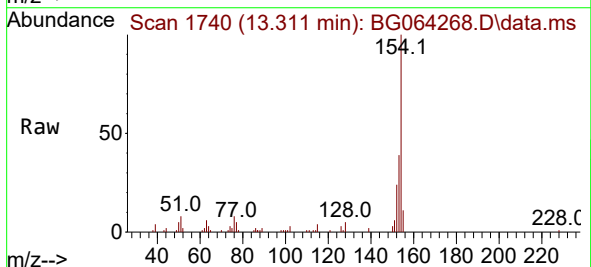
Tgt Ion:172 Resp: 750120
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.4 19.0 28.6

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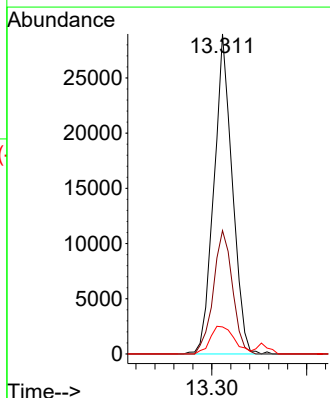
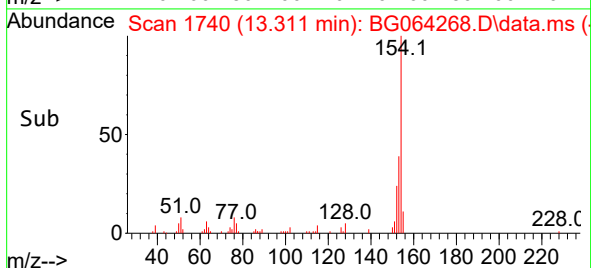
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

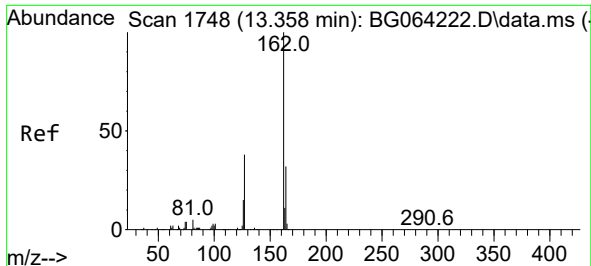


#46
1,1'-Biphenyl
Concen: 4.657 ng
RT: 13.311 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:154 Resp: 39034
Ion Ratio Lower Upper
154 100
153 38.6 19.9 59.9
76 8.5 0.0 30.9





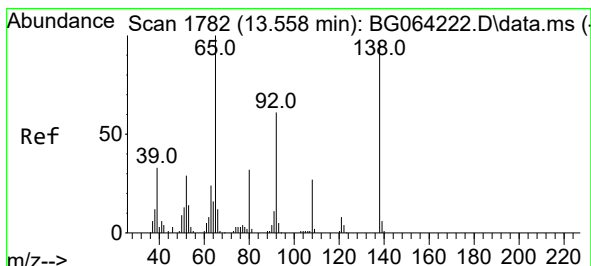
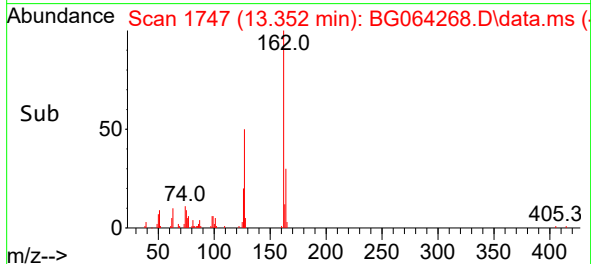
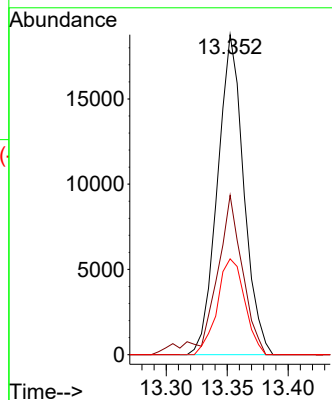
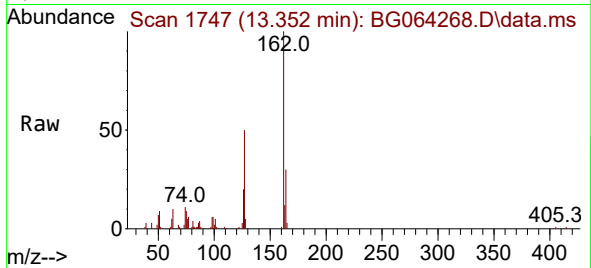
#47
2-Chloronaphthalene
Concen: 4.472 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:162 Resp: 28179
Ion Ratio Lower Upper
162 100
127 49.8 33.9 50.9
164 30.0 25.4 38.2

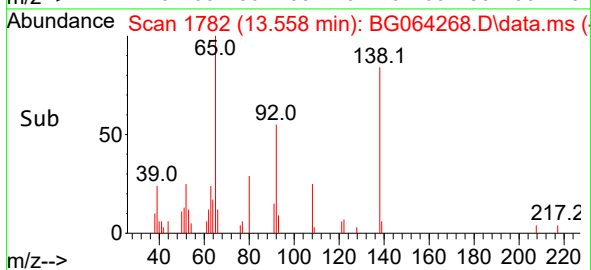
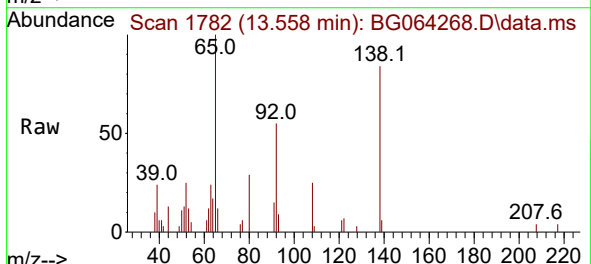
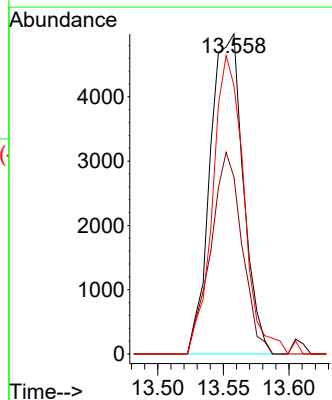
Manual Integrations
APPROVED

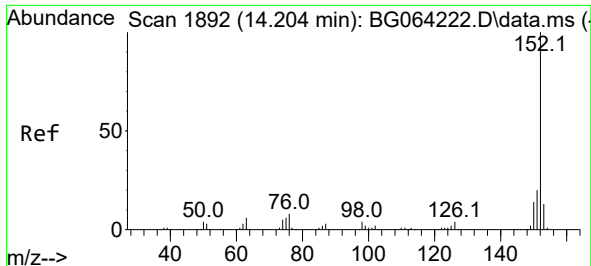
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#48
2-Nitroaniline
Concen: 4.050 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

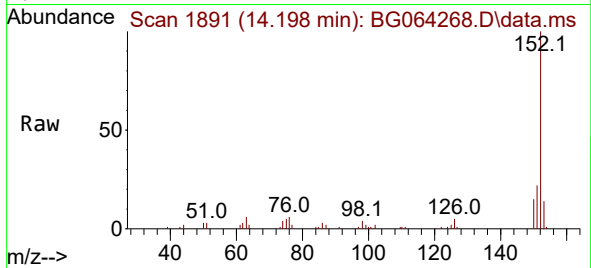
Tgt Ion: 65 Resp: 8698
Ion Ratio Lower Upper
65 100
92 55.2 49.2 73.8
138 83.9 76.8 115.2





#49
Acenaphthylene
Concen: 4.831 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

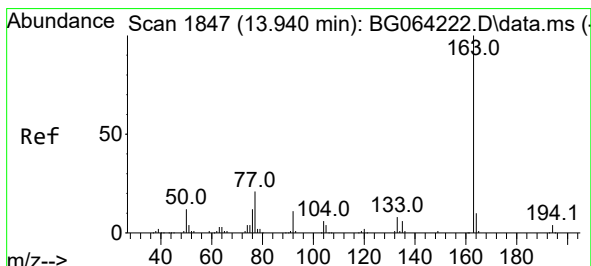
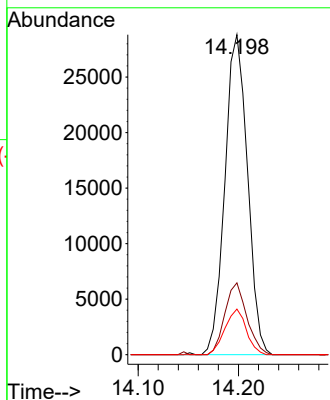
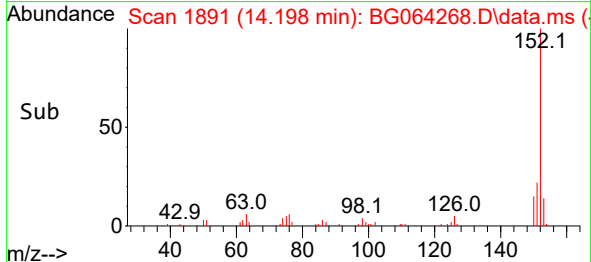
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



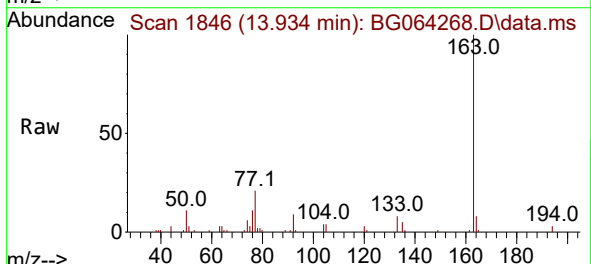
Tgt Ion:152 Resp: 45002
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2
153 14.2 10.1 15.1

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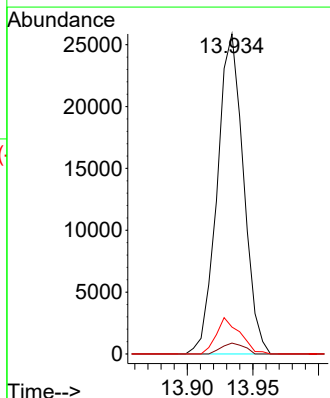
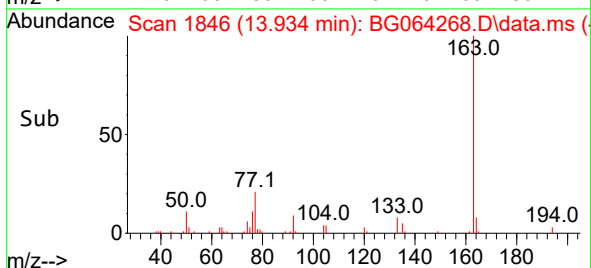
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

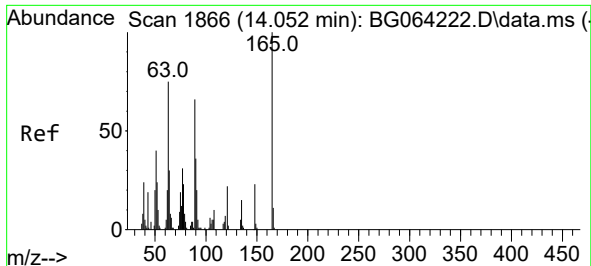


#50
Dimethylphthalate
Concen: 4.130 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



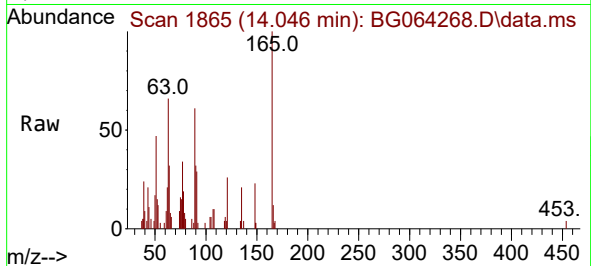
Tgt Ion:163 Resp: 35972
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 8.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 4.342 ng
RT: 14.046 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

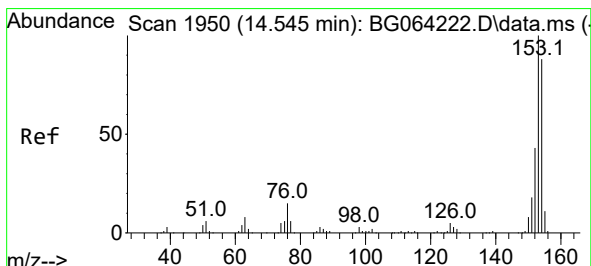
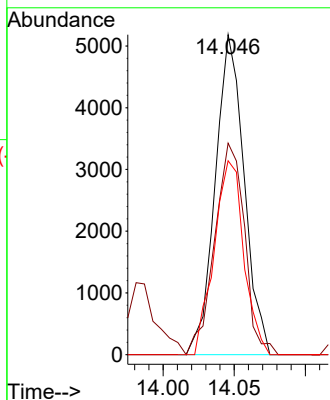
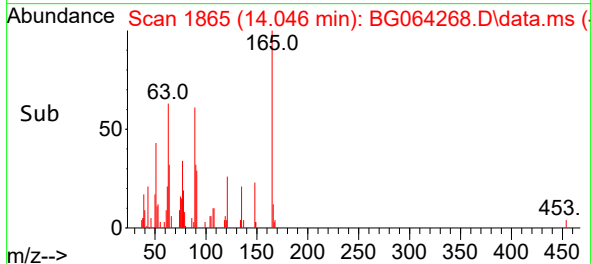
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:165 Resp: 732
Ion Ratio Lower Upper
165 100
63 66.1 60.3 90.5
89 60.6 52.9 79.3

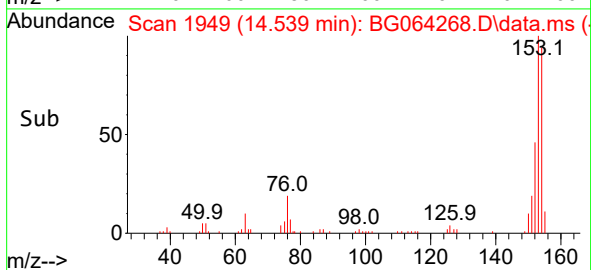
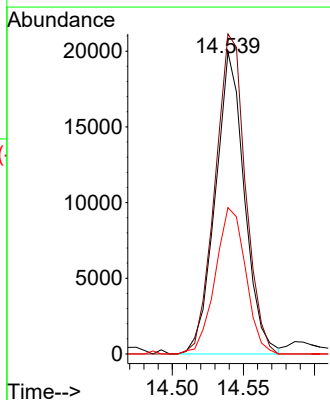
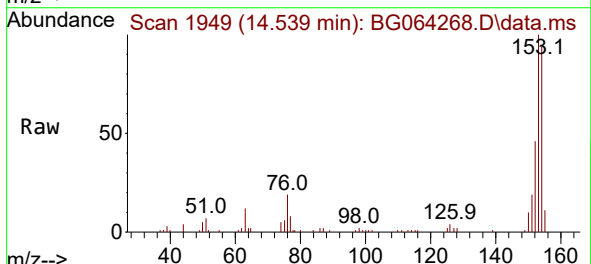
Manual Integrations
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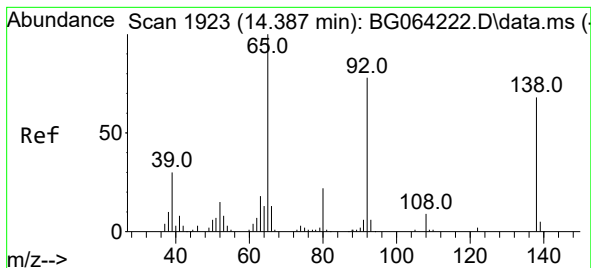
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#52
Acenaphthene
Concen: 4.318 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

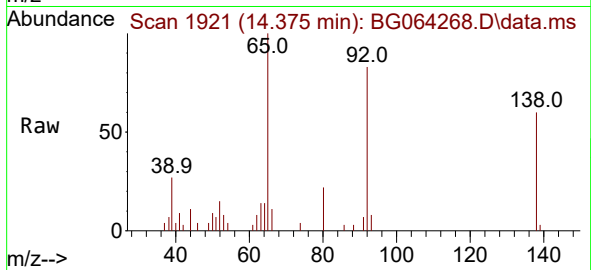
Tgt Ion:154 Resp: 28384
Ion Ratio Lower Upper
154 100
153 106.0 91.1 136.7
152 48.5 39.6 59.4





#53
3-Nitroaniline
Concen: 3.658 ng
RT: 14.375 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

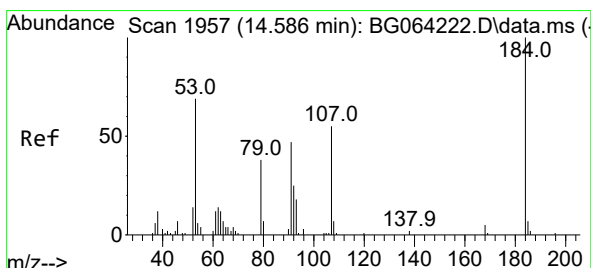
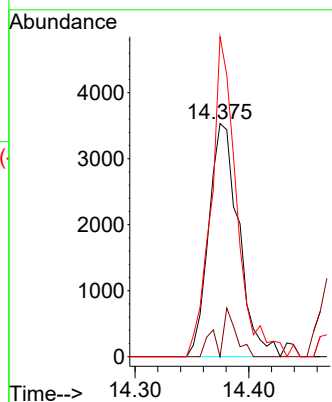
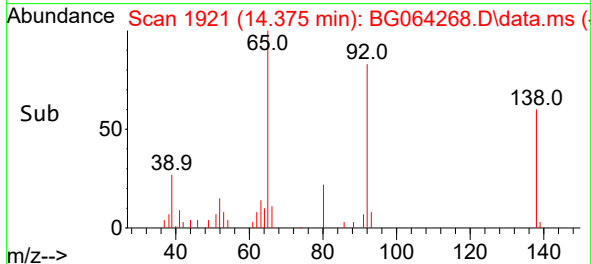
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



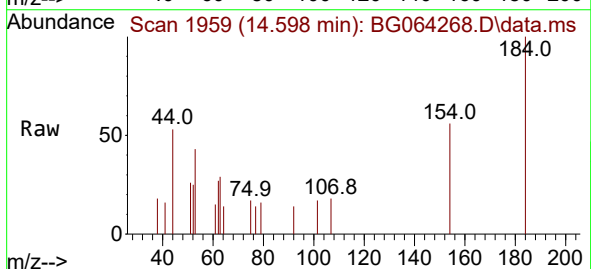
Tgt Ion:138 Resp: 646
Ion Ratio Lower Upper
138 100
108 0.0 11.0 16.6
92 137.2 91.4 137.0

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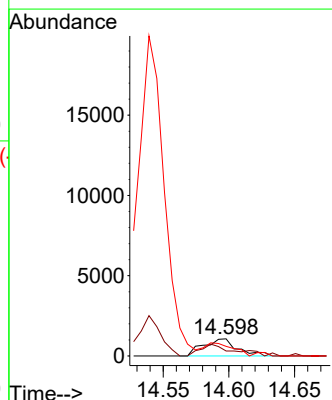
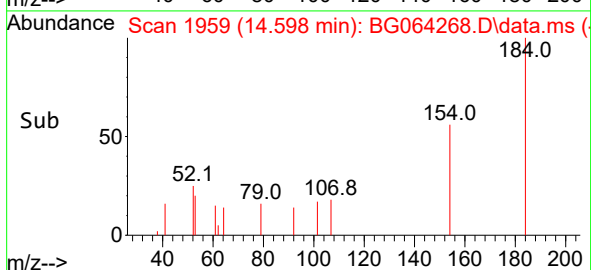
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

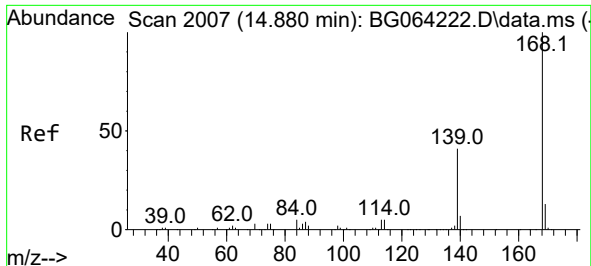


#54
2,4-Dinitrophenol
Concen: 7.295 ng
RT: 14.598 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



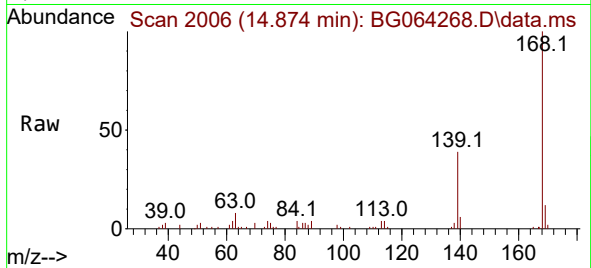
Tgt Ion:184 Resp: 1949
Ion Ratio Lower Upper
184 100
63 29.0 60.1 90.1#
154 56.5 59.8 89.8#





#55
Dibenzofuran
Concen: 4.364 ng
RT: 14.874 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

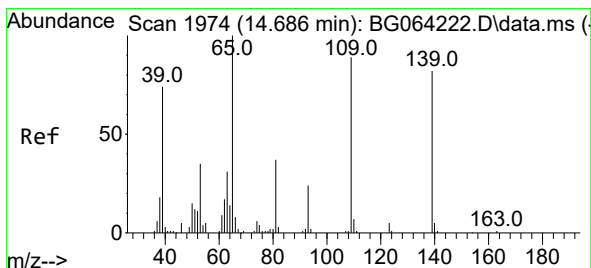
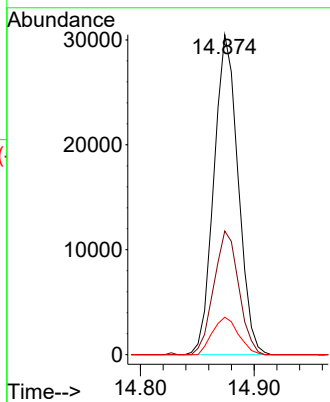
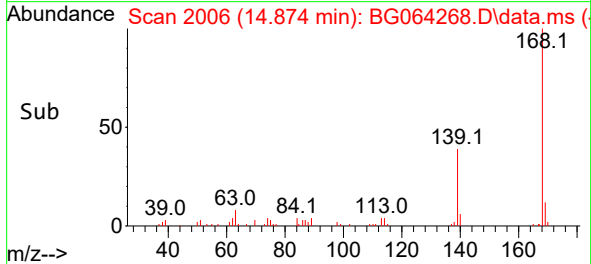
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



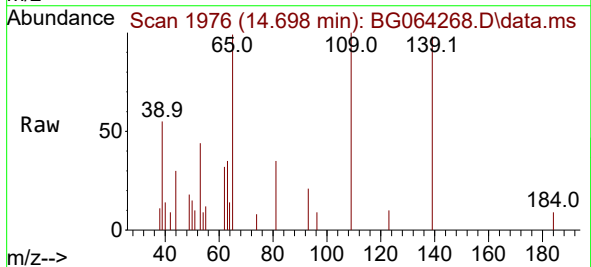
Tgt Ion:168 Resp: 45124
Ion Ratio Lower Upper
168 100
139 38.7 33.2 49.8
169 11.7 10.4 15.6

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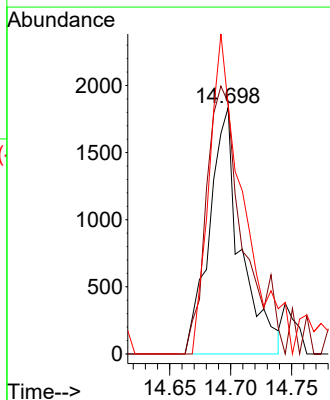
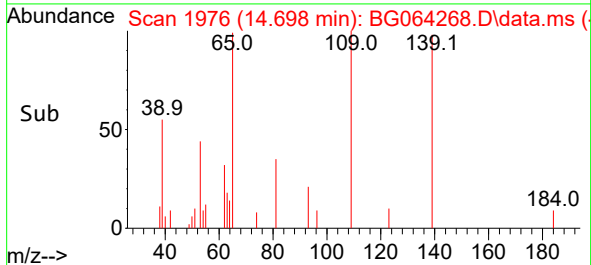
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

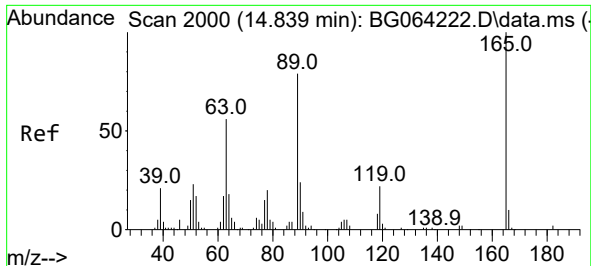


#56
4-Nitrophenol
Concen: 2.255 ng
RT: 14.698 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



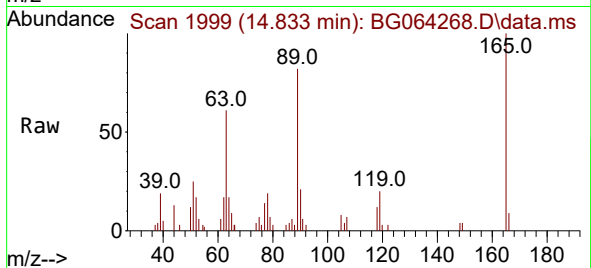
Tgt Ion:139 Resp: 3268
Ion Ratio Lower Upper
139 100
109 102.0 89.1 129.1
65 100.9 102.9 142.9#





#57
2,4-Dinitrotoluene
Concen: 3.806 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

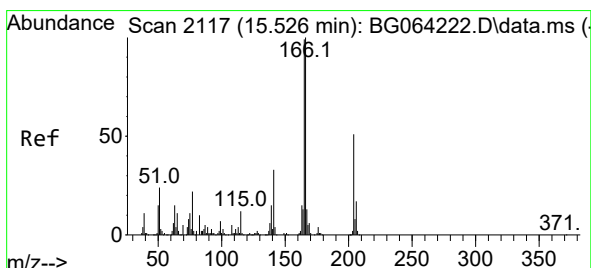
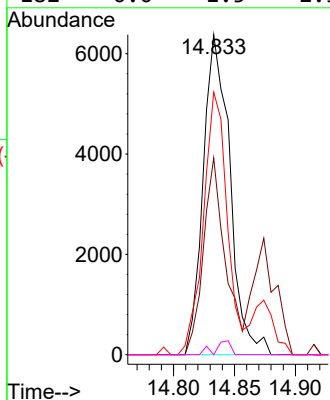
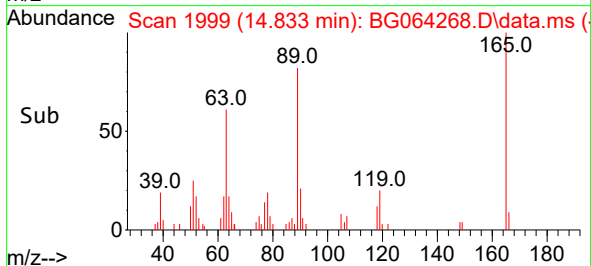
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:165 Resp: 970
Ion Ratio Lower Upper
165 100
63 61.5 44.6 67.0
89 82.0 63.0 94.4
182 0.0 1.5 2.3#

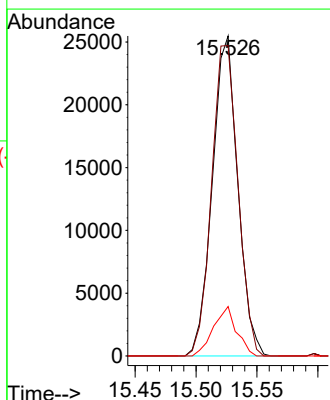
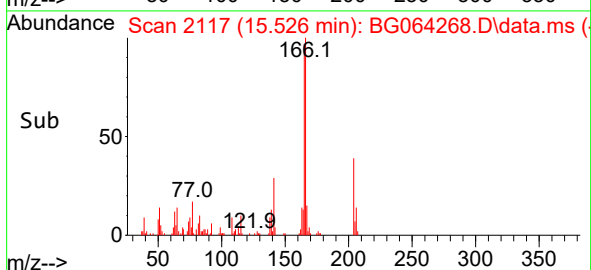
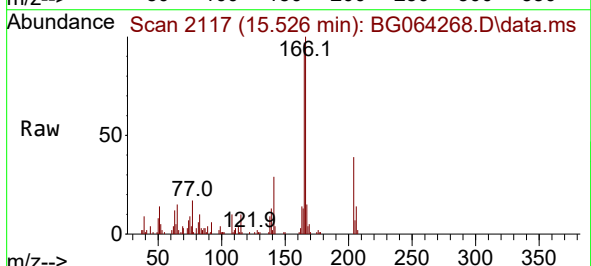
Manual Integrations
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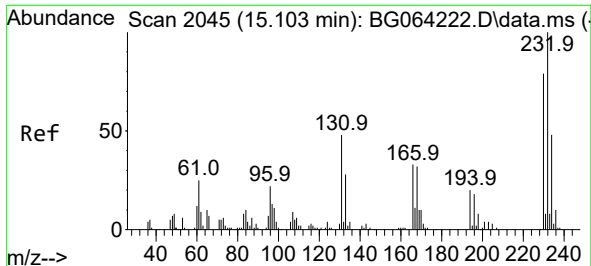
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#58
Fluorene
Concen: 4.376 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

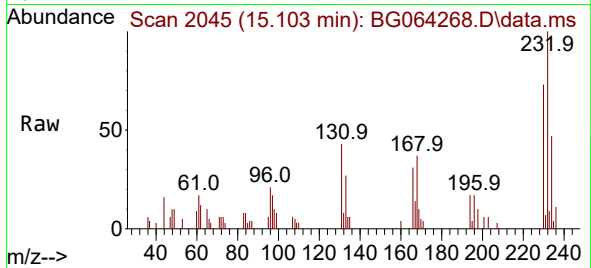
Tgt Ion:166 Resp: 37086
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 15.5 10.2 15.4#





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.965 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

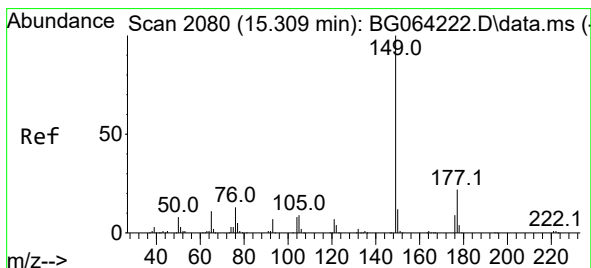
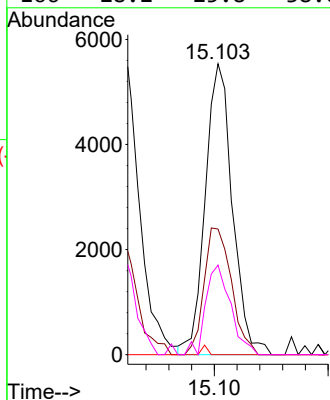
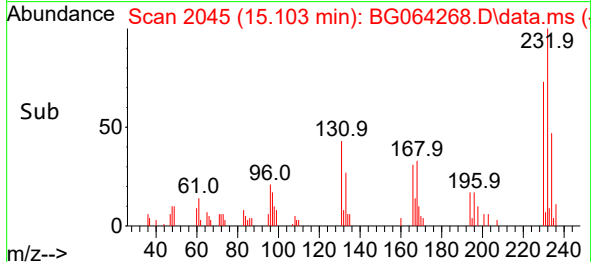
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



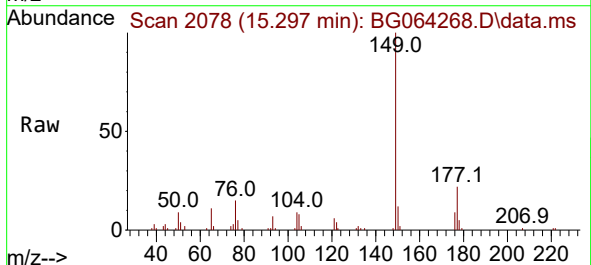
Tgt Ion:232 Resp: 918
Ion Ratio Lower Upper
232 100
131 44.0 37.1 55.7
130 0.7 2.6 3.8
166 28.2 25.8 38.6

Manual Integrations
APPROVED

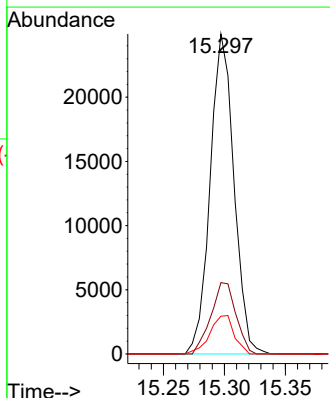
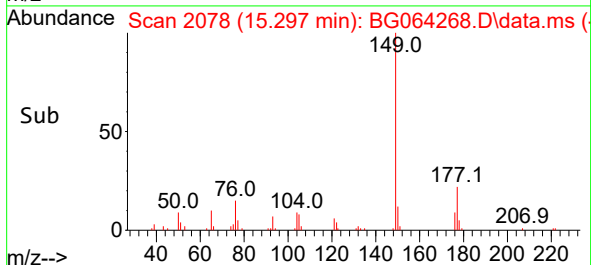
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

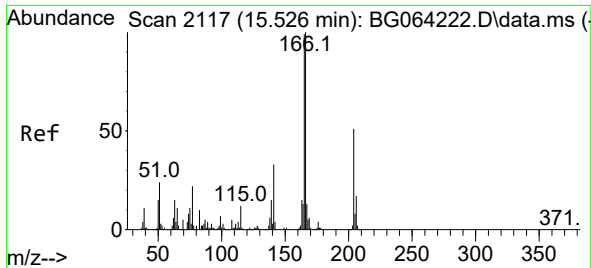


#60
Diethylphthalate
Concen: 3.627 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:149 Resp: 33807
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 11.8 9.9 14.9





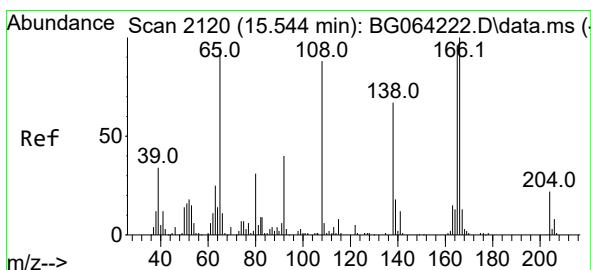
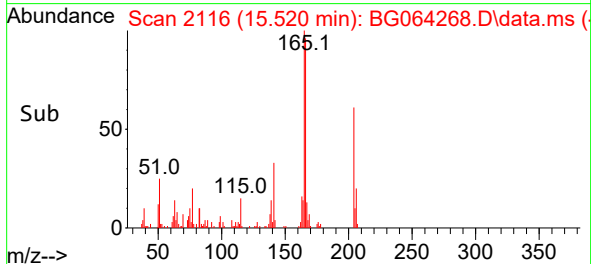
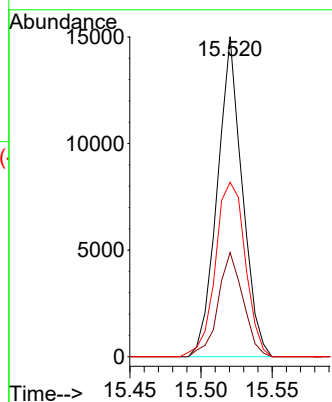
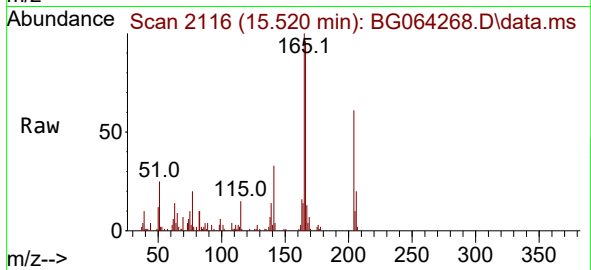
#61
4-Chlorophenyl-phenylether
Concen: 4.335 ng
RT: 15.520 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:204 Resp: 1831
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 54.5 51.9 77.9

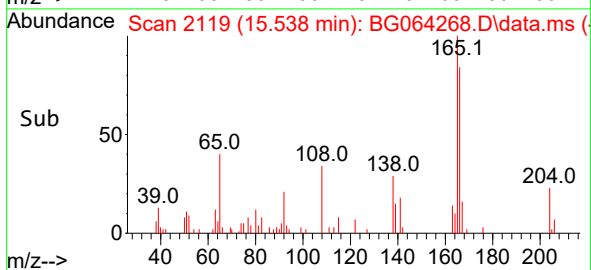
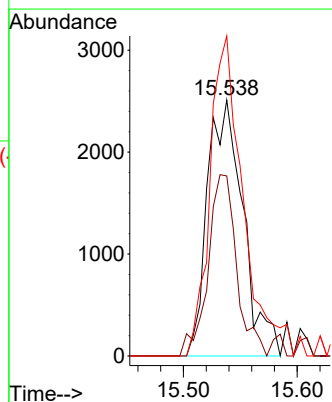
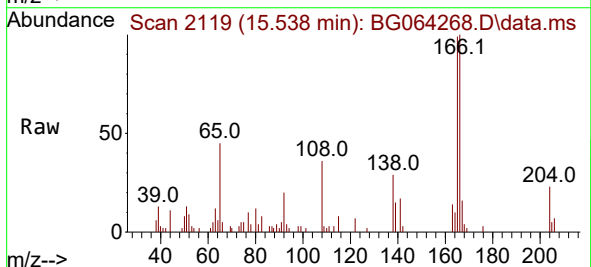
Manual Integrations
APPROVED

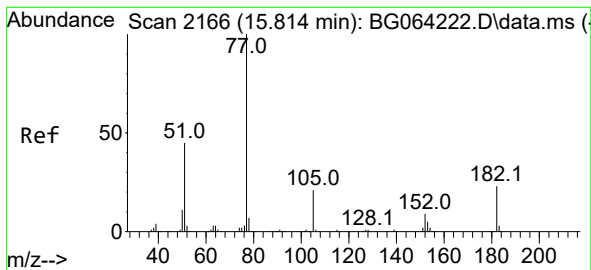
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#62
4-Nitroaniline
Concen: 3.045 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

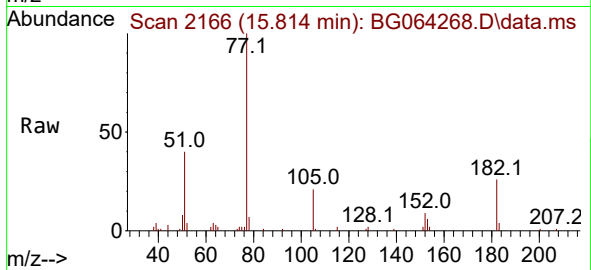
Tgt Ion:138 Resp: 5489
Ion Ratio Lower Upper
138 100
92 70.3 39.1 79.1
108 125.0 111.3 151.3





#63
Azobenzene
Concen: 4.031 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

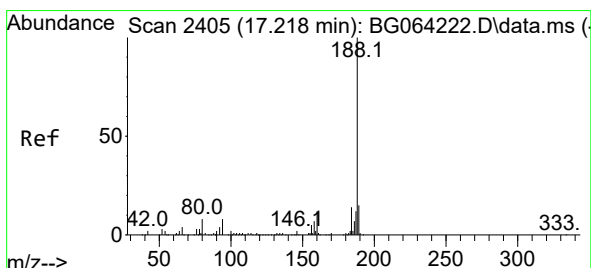
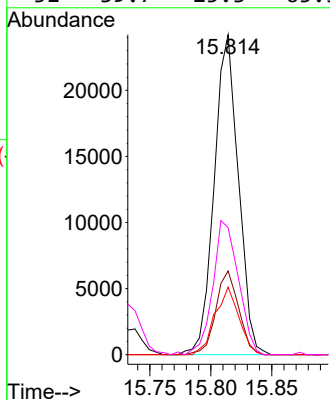
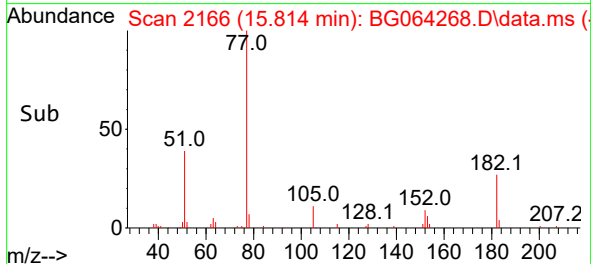
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



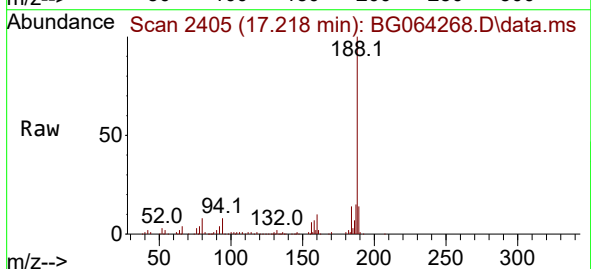
Tgt Ion: 77 Resp: 3349
Ion Ratio Lower Upper
77 100
182 26.2 3.3 43.3
105 21.1 0.6 40.6
51 39.7 25.3 65.3

Manual Integrations
APPROVED

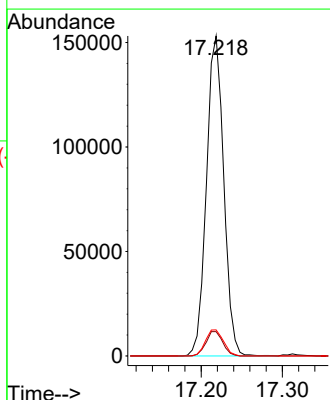
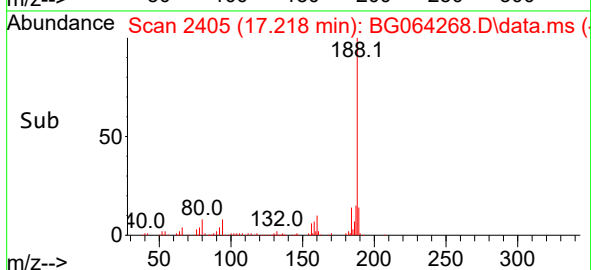
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

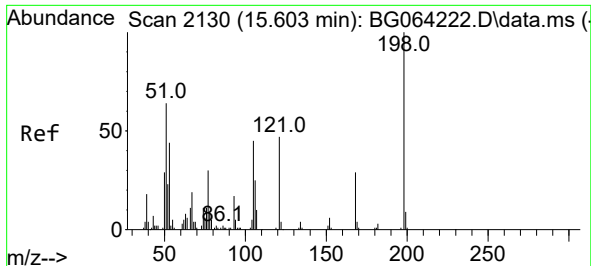


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:188 Resp: 226024
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.4
80 8.2 6.8 10.2





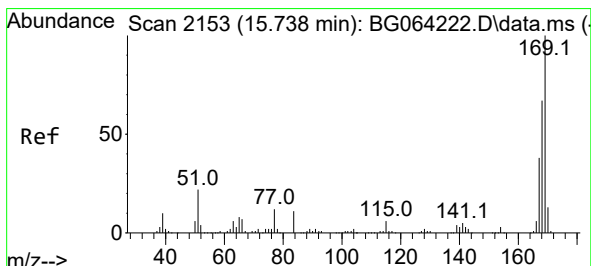
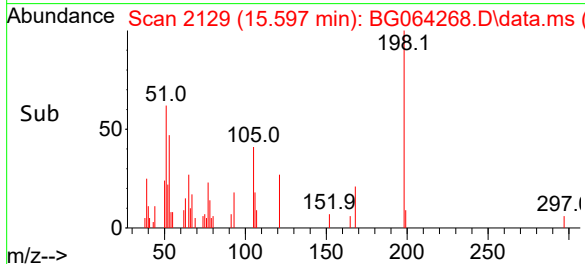
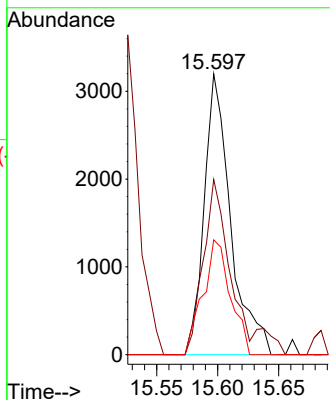
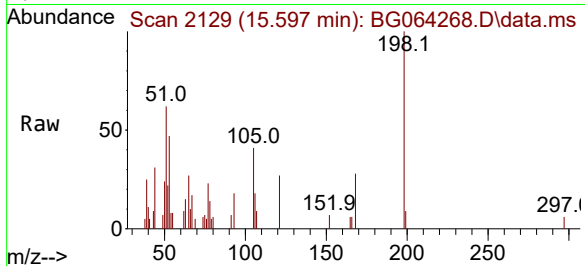
#65
4,6-Dinitro-2-methylphenol
Concen: 3.726 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:198 Resp: 4835
Ion Ratio Lower Upper
198 100
51 62.4 46.2 86.2
105 40.9 25.0 65.0

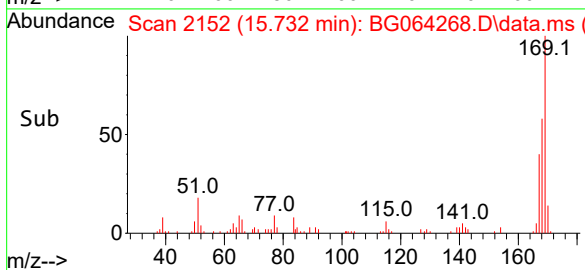
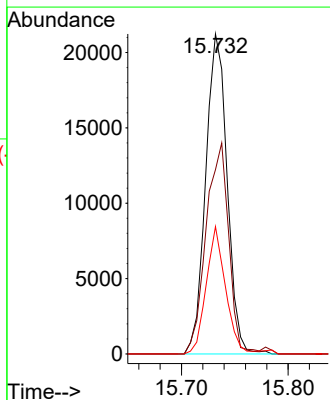
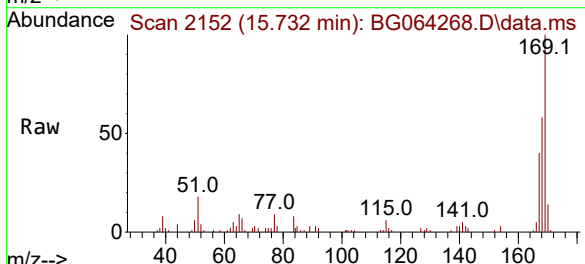
Manual Integrations
APPROVED

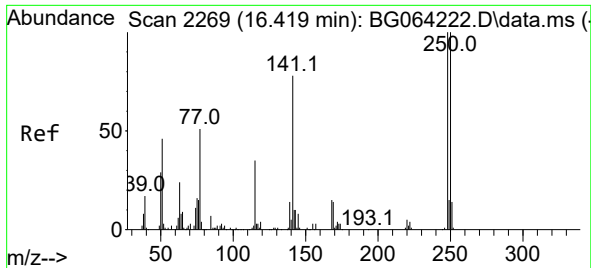
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#66
n-Nitrosodiphenylamine
Concen: 4.774 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

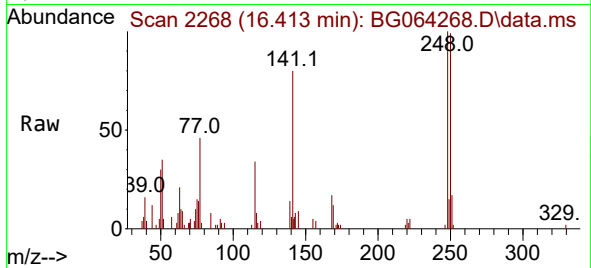
Tgt Ion:169 Resp: 29684
Ion Ratio Lower Upper
169 100
168 57.6 53.8 80.8
167 39.8 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 4.957 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

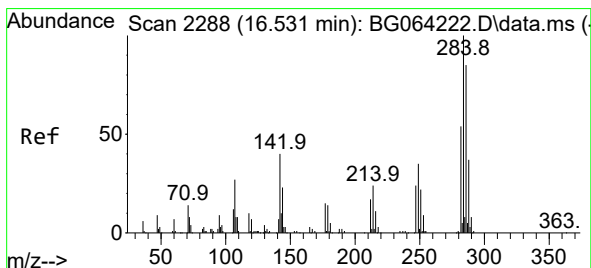
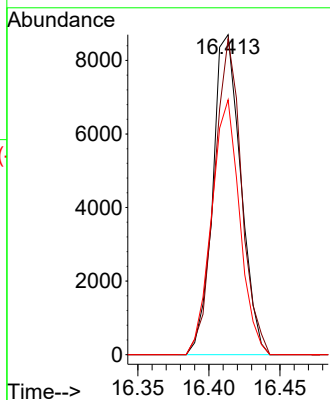
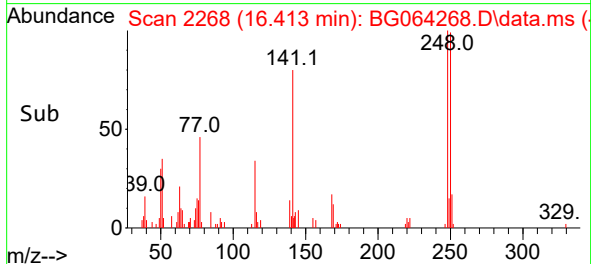
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



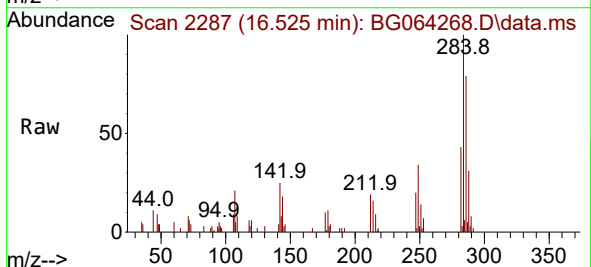
Tgt Ion:248 Resp: 11900
Ion Ratio Lower Upper
248 100
250 98.8 80.2 120.4
141 79.7 62.4 93.6

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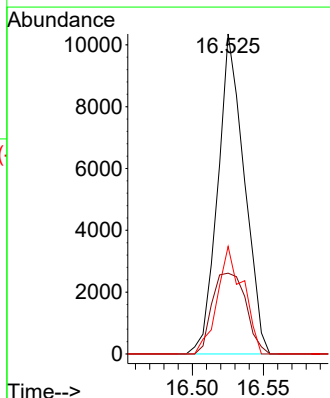
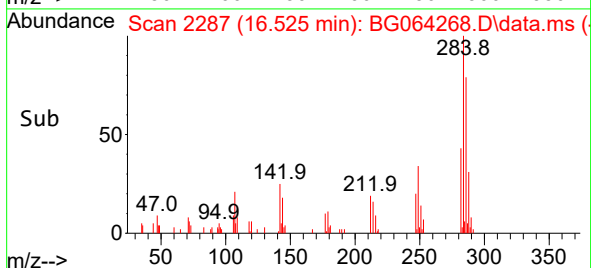
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

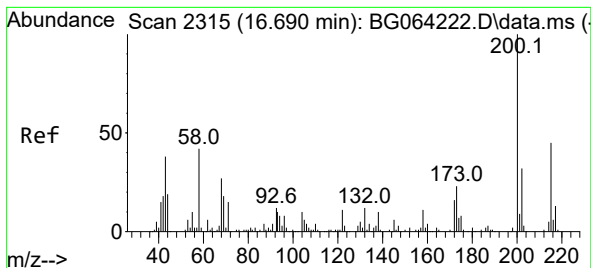


#68
Hexachlorobenzene
Concen: 5.028 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:284 Resp: 13404
Ion Ratio Lower Upper
284 100
142 25.3 32.1 48.1#
249 36.1 28.3 42.5





#69

Atrazine

Concen: 4.222 ng

RT: 16.684 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:200 Resp: 1096

Ion Ratio Lower Upper

200 100

173 23.0 3.5 43.5

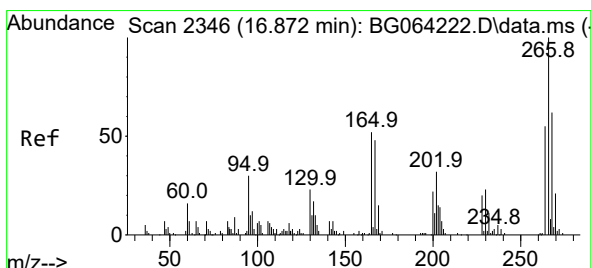
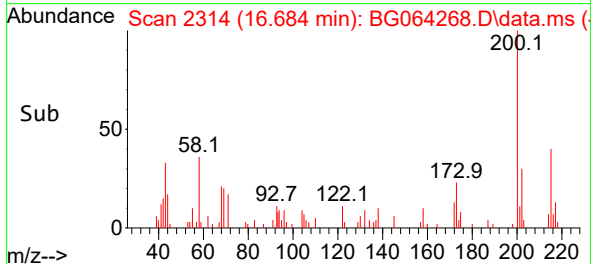
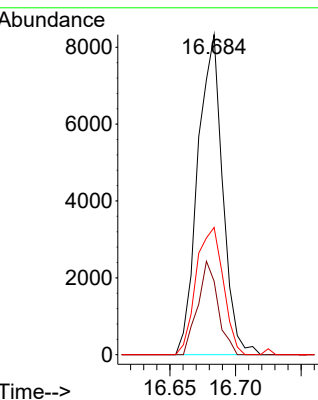
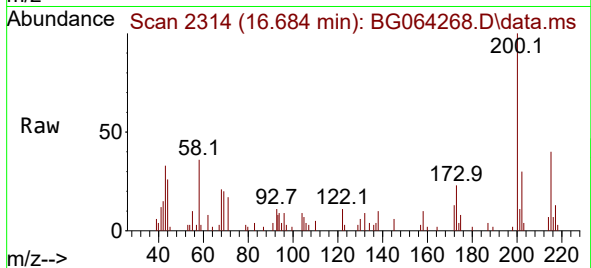
215 39.7 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#70

Pentachlorophenol

Concen: 3.681 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

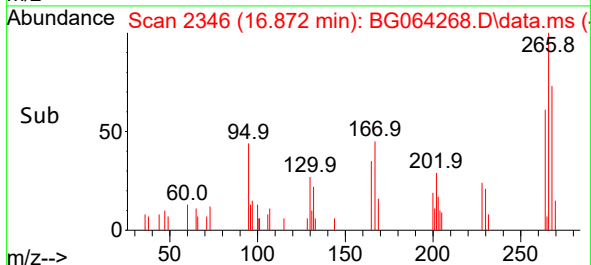
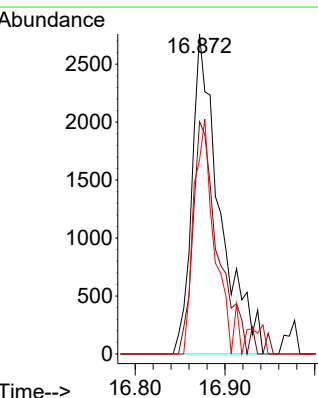
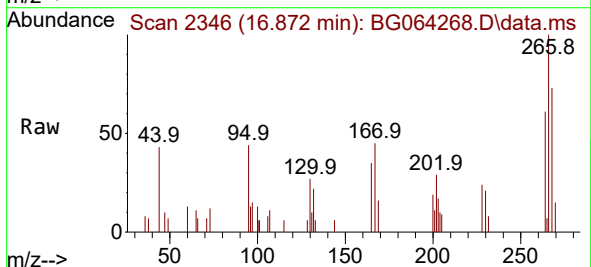
Tgt Ion:266 Resp: 5950

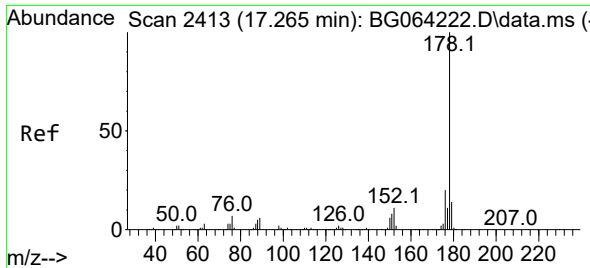
Ion Ratio Lower Upper

266 100

268 72.6 49.4 74.0

264 60.7 44.3 66.5





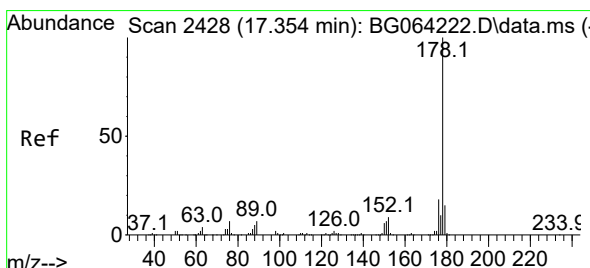
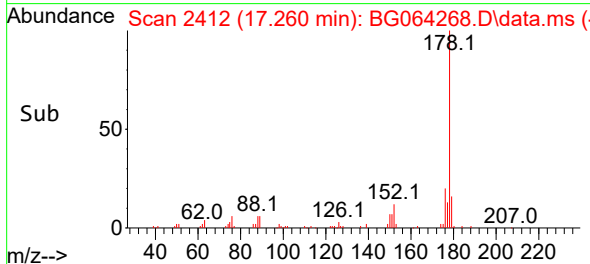
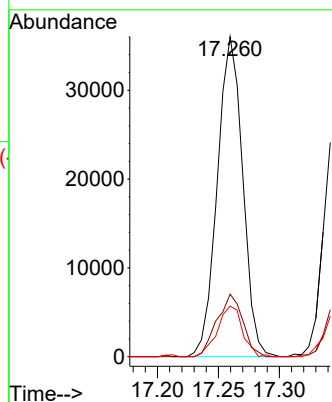
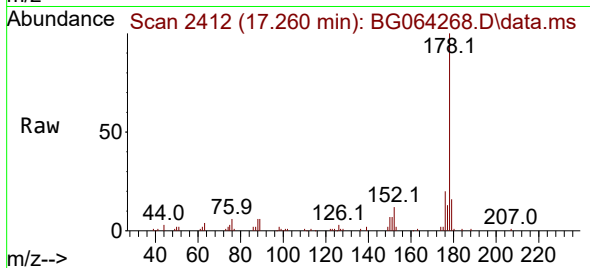
#71
Phenanthrene
Concen: 4.383 ng
RT: 17.260 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:178 Resp: 52250
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.8 11.4 17.2

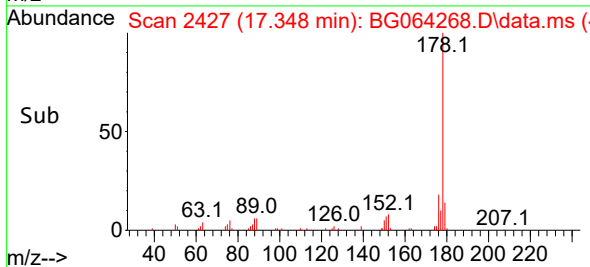
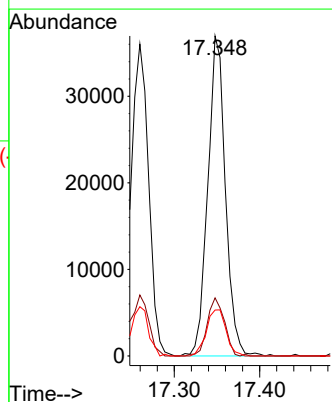
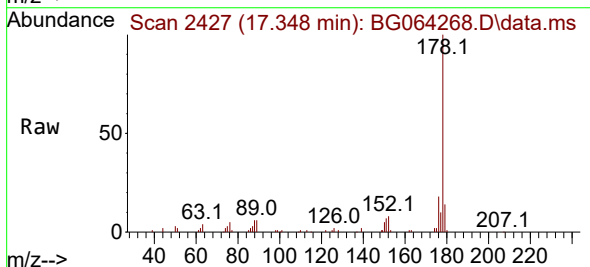
Manual Integrations
APPROVED

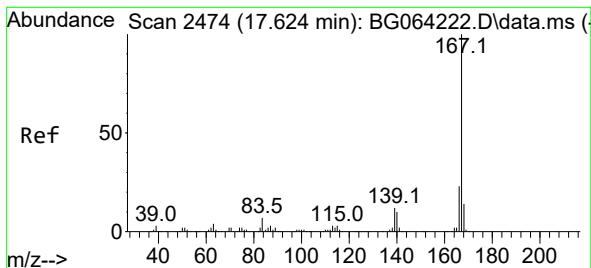
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#72
Anthracene
Concen: 4.392 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:178 Resp: 53255
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 14.4 12.1 18.1





#73

Carbazole

Concen: 3.935 ng

RT: 17.618 min Scan# 2473

Delta R.T. -0.006 min

Lab File: BG064268.D

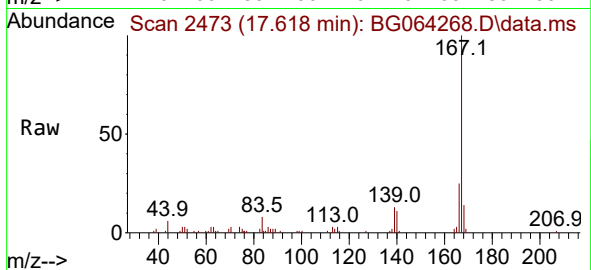
Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:167 Resp: 42040

Ion Ratio Lower Upper

167 100

166 25.5 18.2 27.2

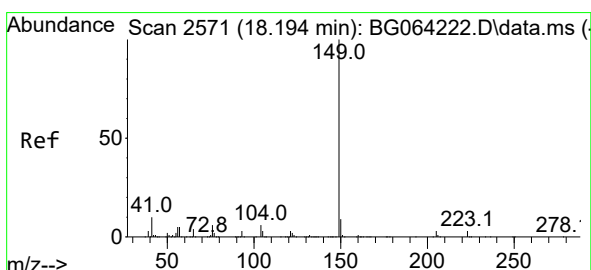
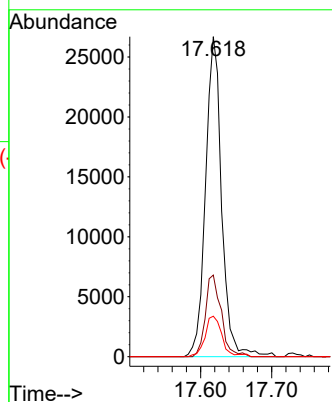
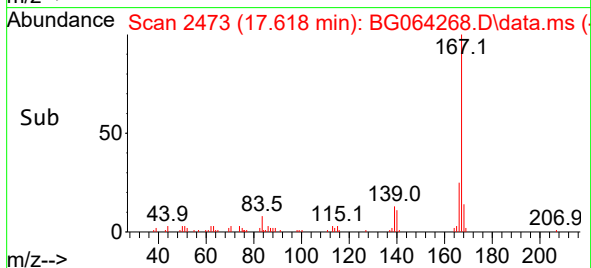
139 12.7 9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#74

Di-n-butylphthalate

Concen: 4.246 ng

RT: 18.188 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

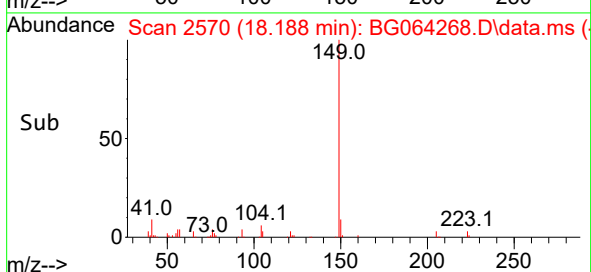
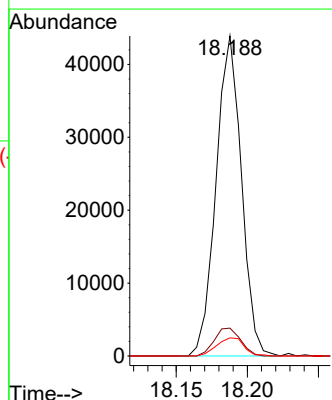
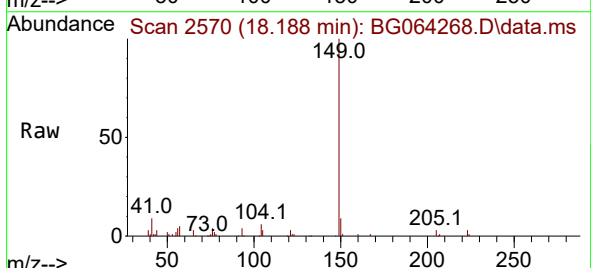
Tgt Ion:149 Resp: 54494

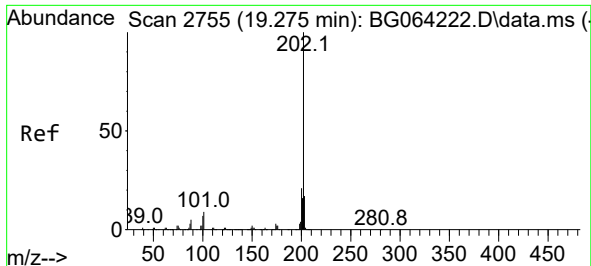
Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

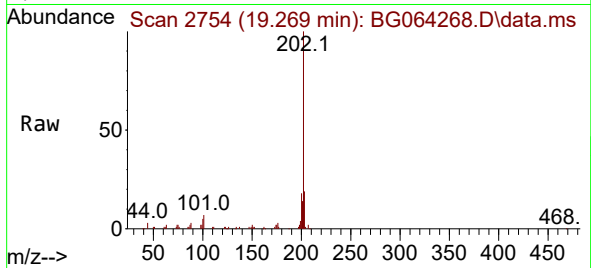
104 5.6 4.6 7.0





#75
Fluoranthene
Concen: 4.276 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

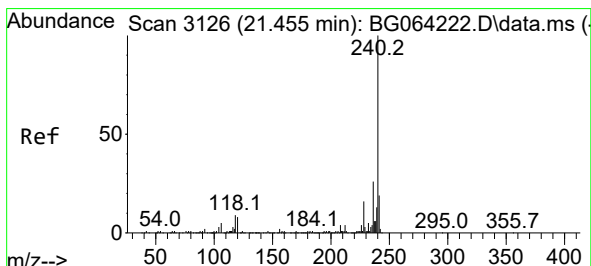
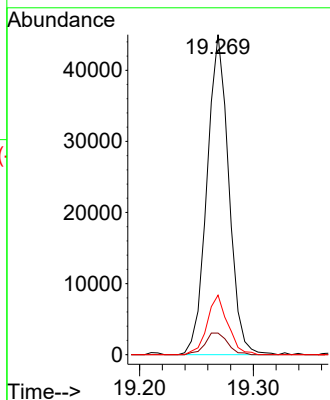
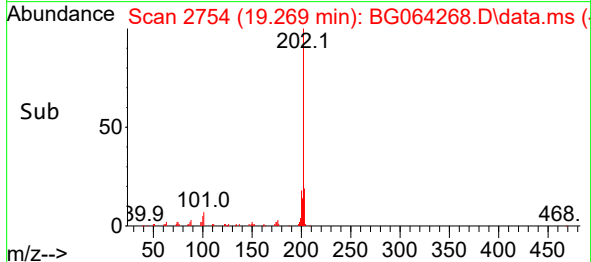
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



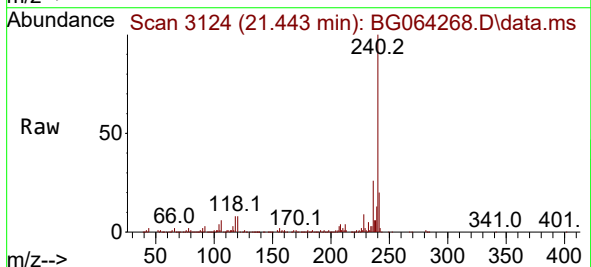
Tgt Ion:202 Resp: 59940
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.7
203 18.6 0.0 36.9

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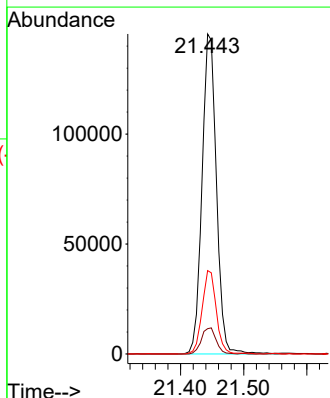
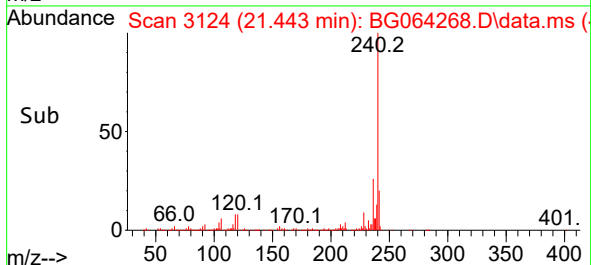
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

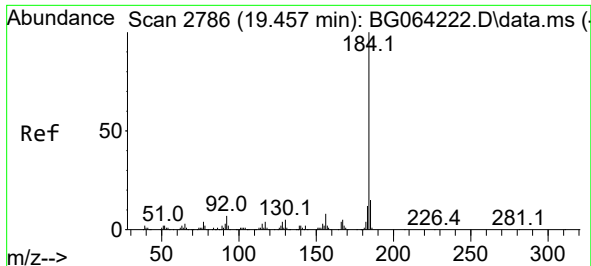


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21



Tgt Ion:240 Resp: 230554
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 26.1 20.5 30.7





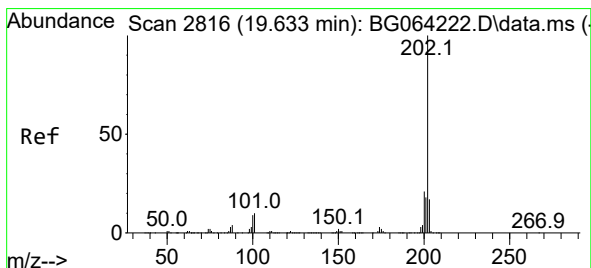
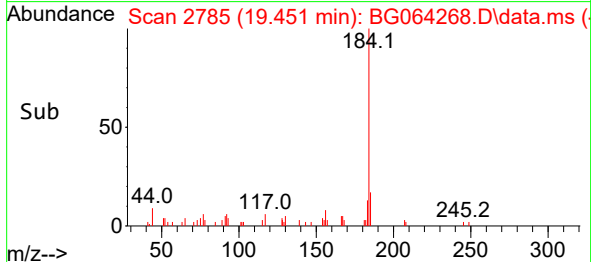
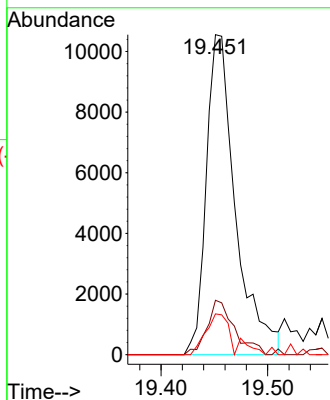
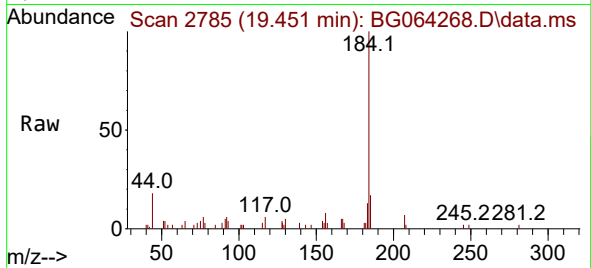
#77
Benzidine
Concen: 4.143 ng
RT: 19.451 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:184 Resp: 20094
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 12.8 9.7 14.5

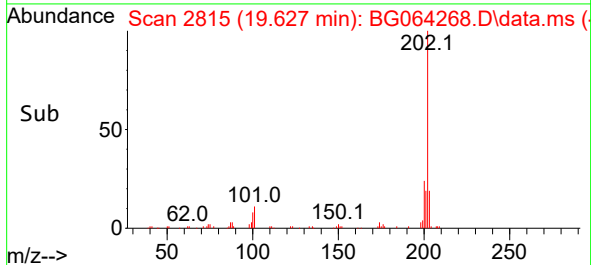
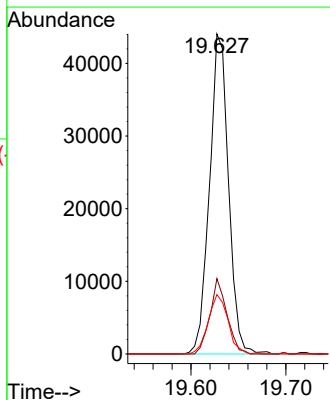
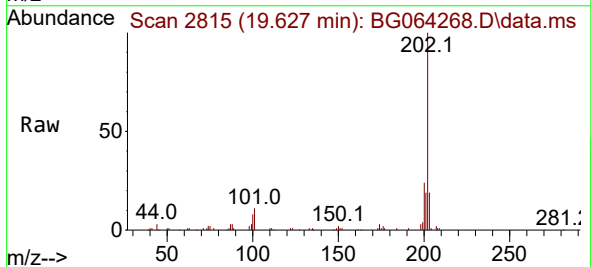
Manual Integrations
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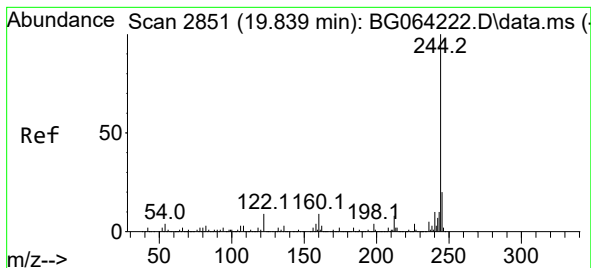
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#78
Pyrene
Concen: 4.217 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:202 Resp: 61259
Ion Ratio Lower Upper
202 100
200 23.6 16.9 25.3
203 18.5 13.8 20.8





#79

Terphenyl-d14

Concen: 102.834 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064268.D

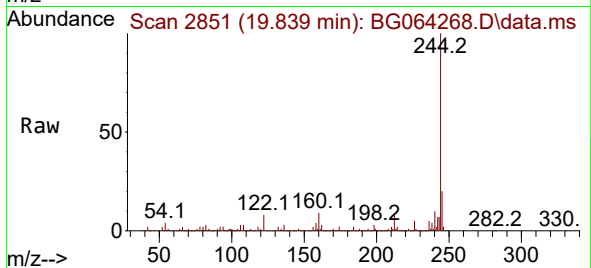
Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:244 Resp: 113637

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

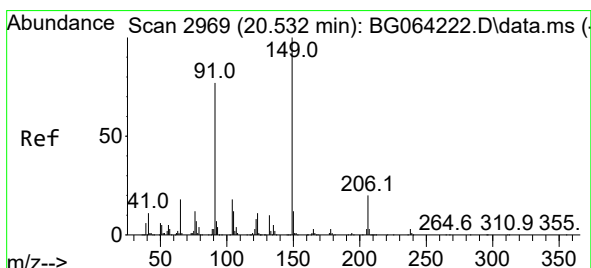
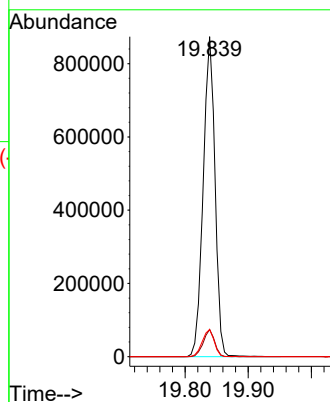
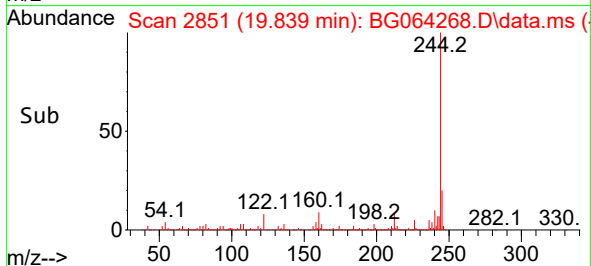
122 8.5 7.0 10.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#80

Butylbenzylphthalate

Concen: 4.580 ng

RT: 20.526 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

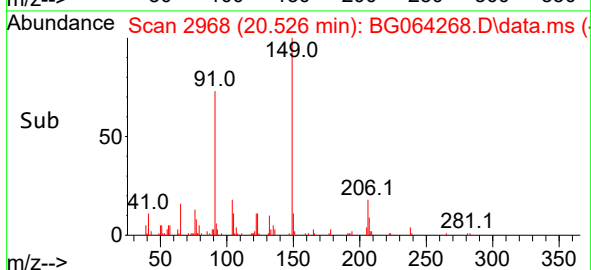
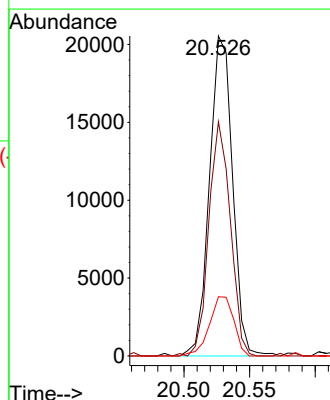
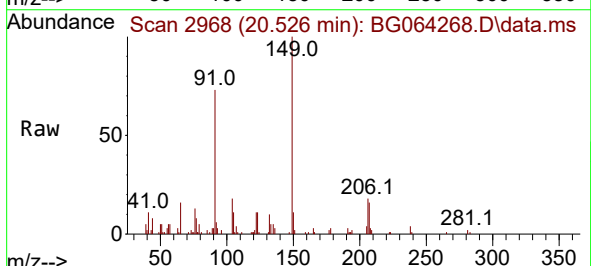
Tgt Ion:149 Resp: 25092

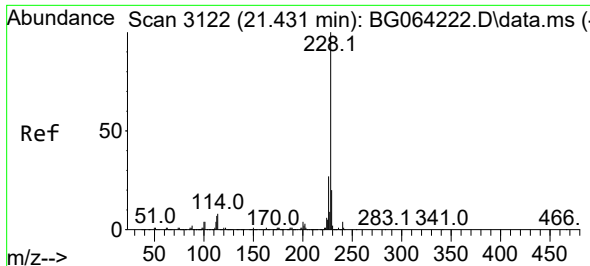
Ion Ratio Lower Upper

149 100

91 73.2 61.4 92.0

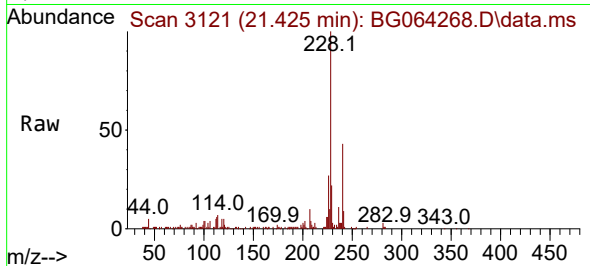
206 18.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 4.403 ng
RT: 21.425 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

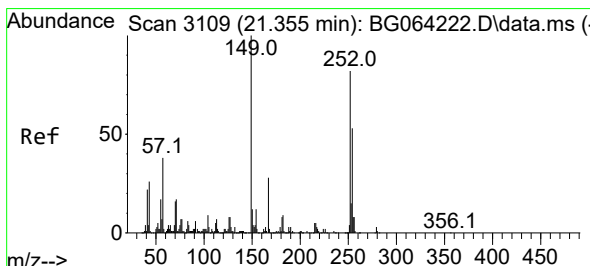
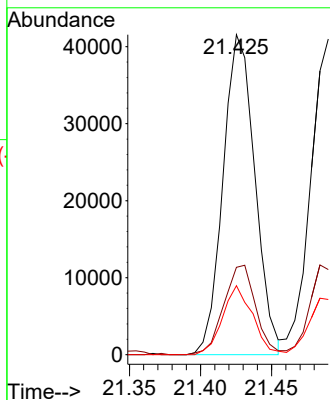
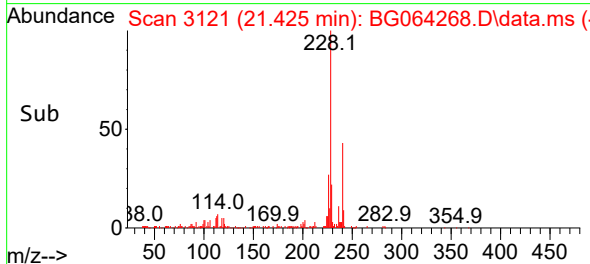
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:228 Resp: 64950
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 21.6 15.9 23.9

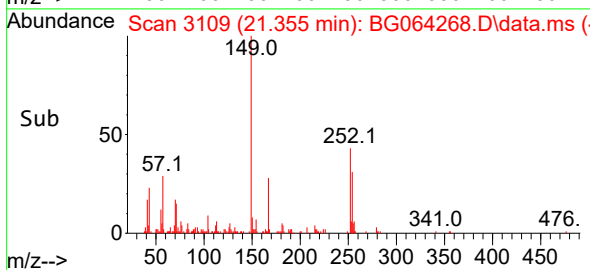
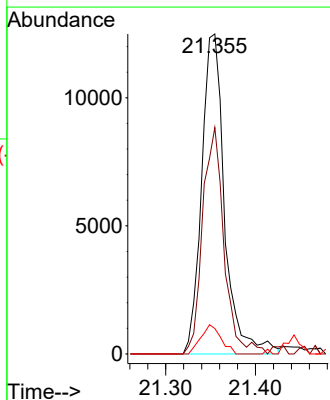
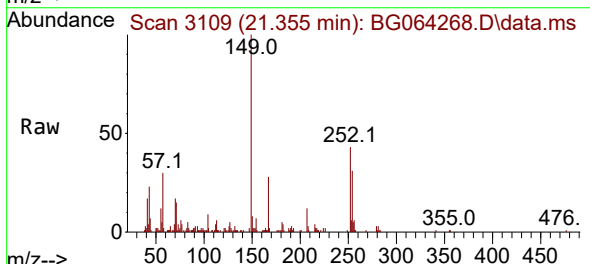
Manual Integrations
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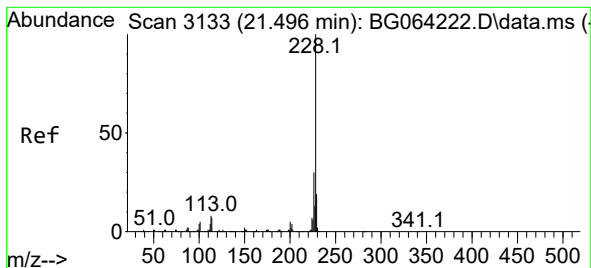
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 4.619 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:252 Resp: 22189
Ion Ratio Lower Upper
252 100
254 70.7 51.9 77.9
126 7.9 7.6 11.4





#83

Chrysene

Concen: 4.490 ng

RT: 21.490 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

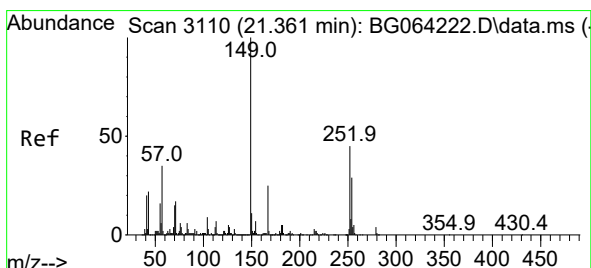
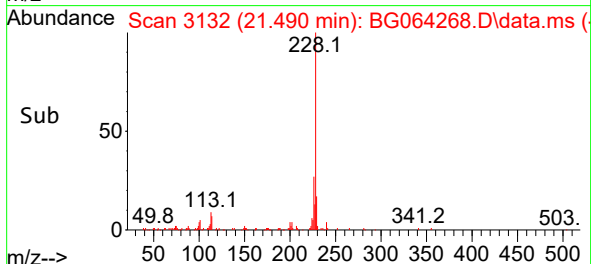
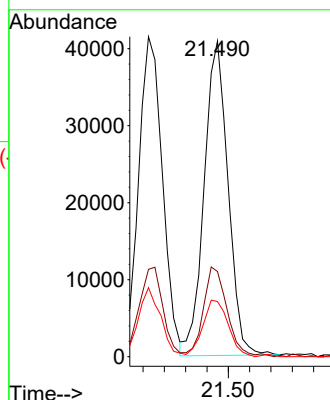
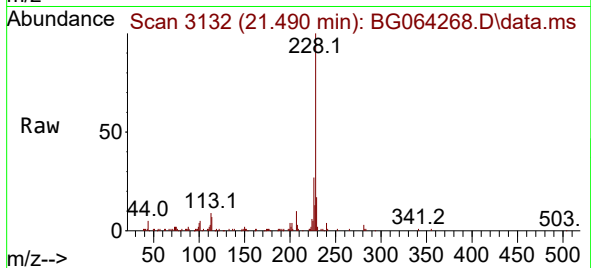
Tgt Ion:228 Resp: 63580
 Ion Ratio Lower Upper
 228 100
 226 26.9 24.2 36.2
 229 17.5 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.629 ng

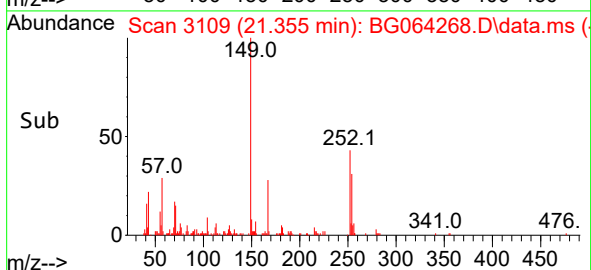
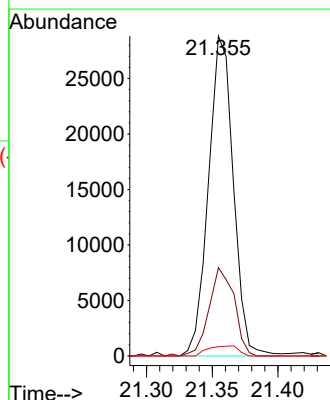
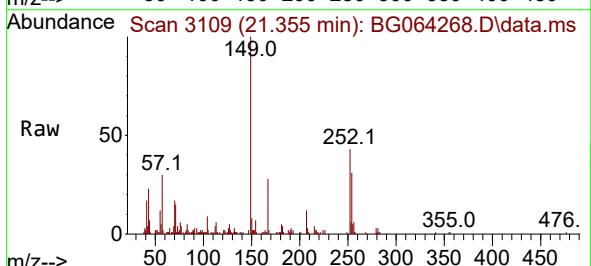
RT: 21.355 min Scan# 3109

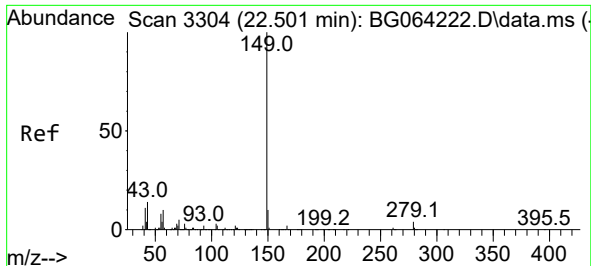
Delta R.T. -0.012 min

Lab File: BG064268.D

Acq: 4 Sep 2025 1:21

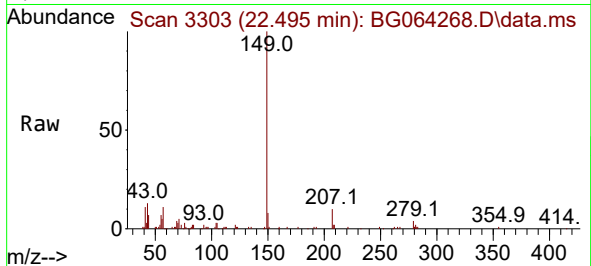
Tgt Ion:149 Resp: 38072
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.0 30.0
 279 2.9 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 4.509 ng
RT: 22.495 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

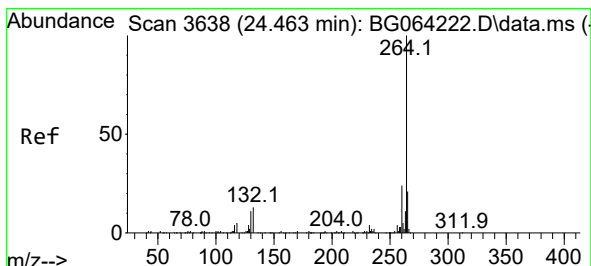
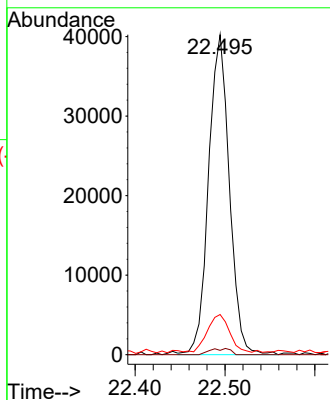
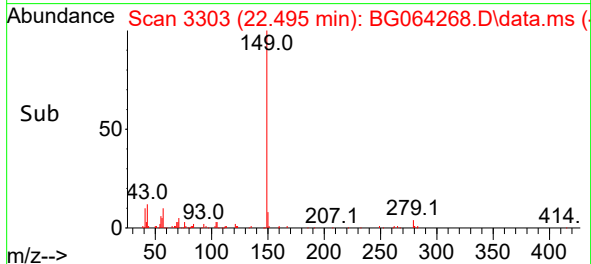
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:149 Resp: 64624
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 12.5 10.8 16.2

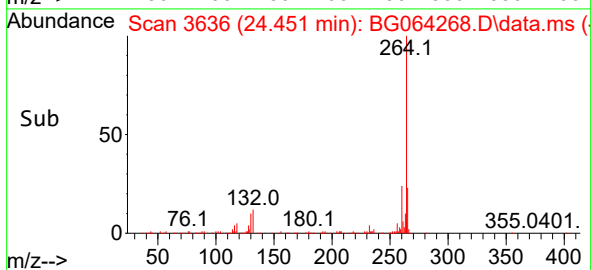
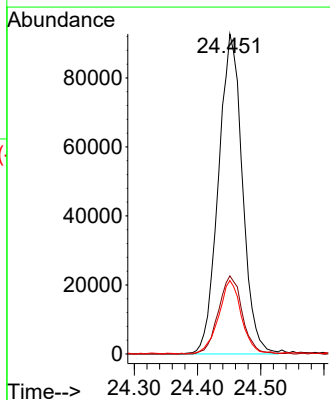
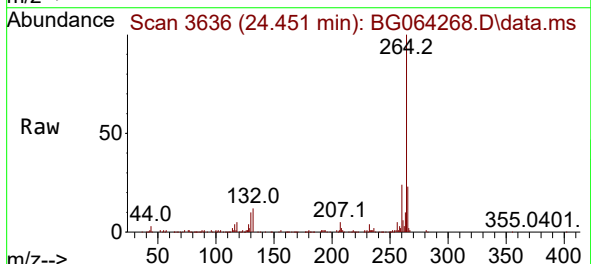
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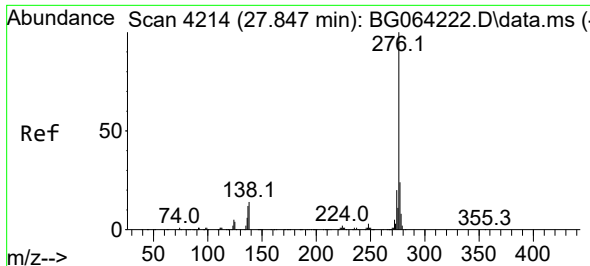
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.451 min Scan# 3636
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:264 Resp: 244028
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 23.0 16.7 25.1





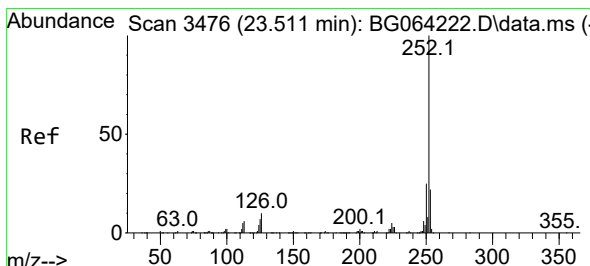
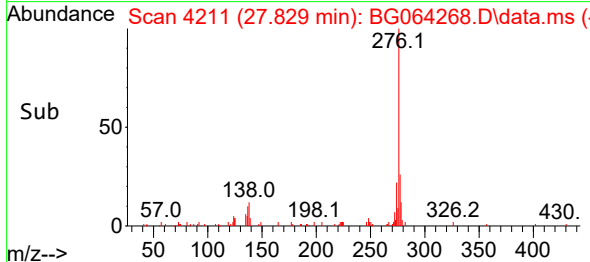
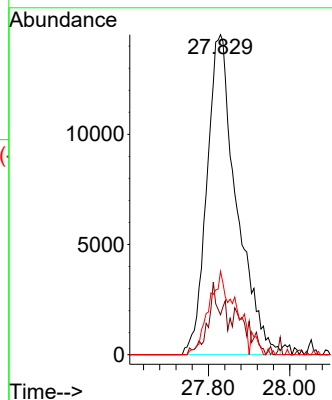
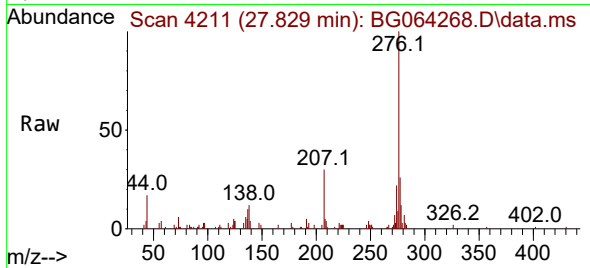
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.414 ng
RT: 27.829 min Scan# 4211
Delta R.T. -0.042 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:276 Resp: 73564
Ion Ratio Lower Upper
276 100
138 8.2 7.4 11.0
277 22.6 20.5 30.7

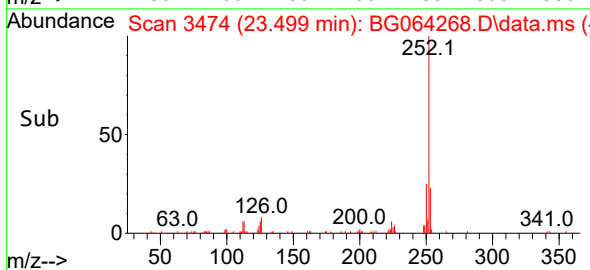
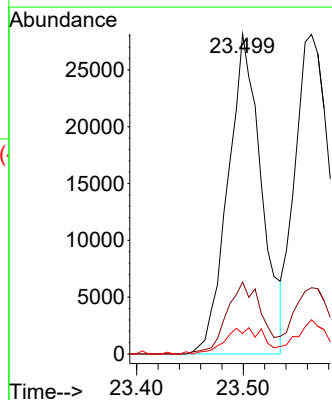
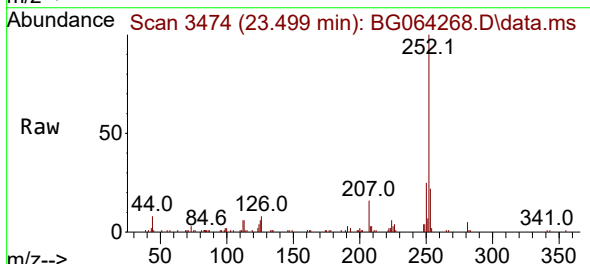
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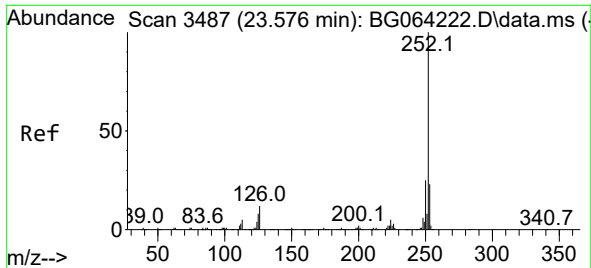
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#88
Benzo(b)fluoranthene
Concen: 4.472 ng
RT: 23.499 min Scan# 3474
Delta R.T. -0.018 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

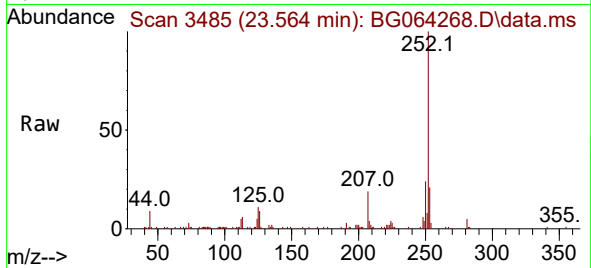
Tgt Ion:252 Resp: 61585
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 6.4 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 4.553 ng
RT: 23.564 min Scan# 3487
Delta R.T. -0.024 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

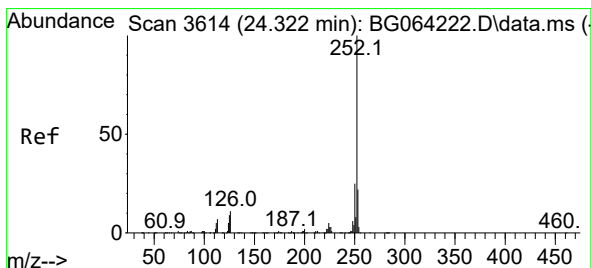
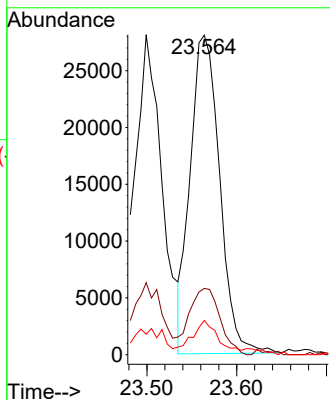
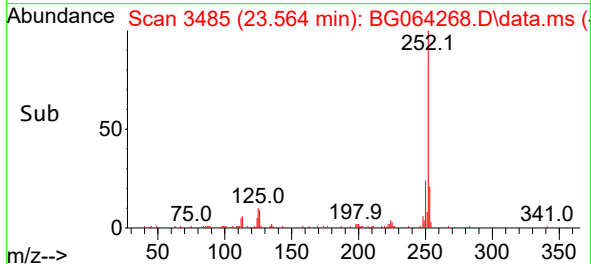
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:252 Resp: 63880
Ion Ratio Lower Upper
252 100
253 20.8 18.2 27.4
125 10.7 7.0 10.4

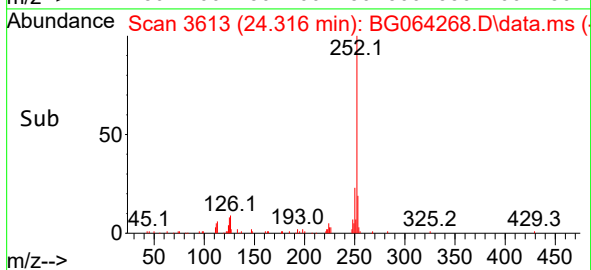
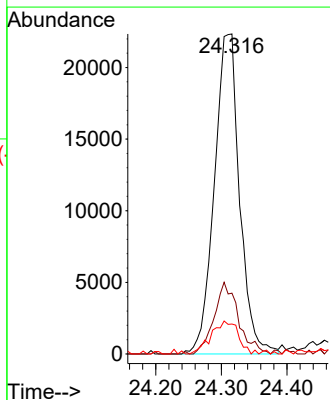
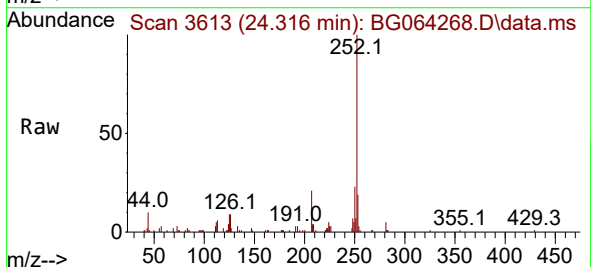
Manual Integrations
APPROVED

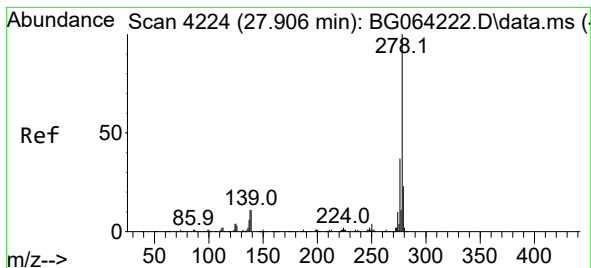
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#90
Benzo(a)pyrene
Concen: 4.662 ng
RT: 24.316 min Scan# 3613
Delta R.T. -0.012 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:252 Resp: 59730
Ion Ratio Lower Upper
252 100
253 19.0 17.4 26.2
125 9.3 7.0 10.6





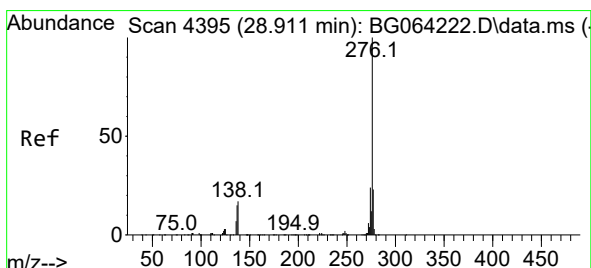
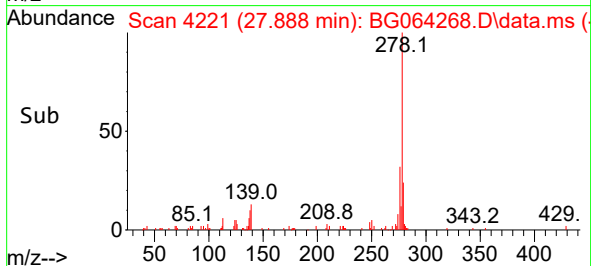
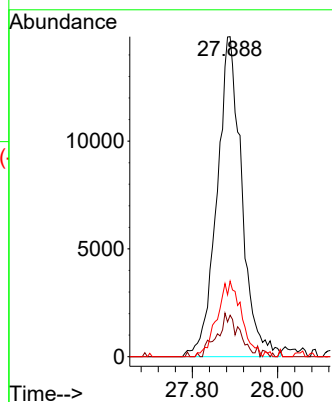
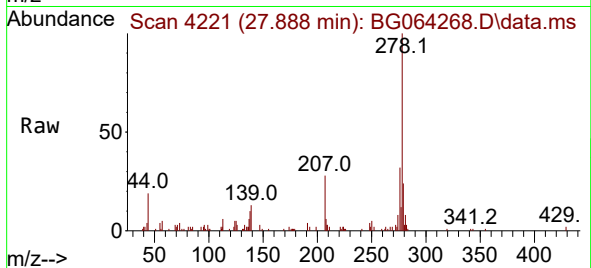
#91
Dibenzo(a,h)anthracene
Concen: 4.469 ng
RT: 27.888 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

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

Tgt Ion:278 Resp: 5979
Ion Ratio Lower Upper
278 100
139 12.9 9.0 13.4
279 23.6 18.8 28.2

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



#92
Benzo(g,h,i)perylene
Concen: 4.642 ng
RT: 28.875 min Scan# 4389
Delta R.T. -0.059 min
Lab File: BG064268.D
Acq: 4 Sep 2025 1:21

Tgt Ion:276 Resp: 60440
Ion Ratio Lower Upper
276 100
277 21.9 18.2 27.4
138 14.3 13.3 19.9

