

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064830.D
 Acq On : 20 Nov 2025 12:12
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-5ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 20 12:47:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	45702	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	184081	20.000	ng	0.00
39) Acenaphthene-d10	14.768	164	163509	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	414049	20.000	ng	0.00
76) Chrysene-d12	21.748	240	501699	20.000	ng	0.00
86) Perylene-d12	25.003	264	481889	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	286320	109.399	ng	0.00
7) Phenol-d6	7.306	99	393891	113.155	ng	0.00
23) Nitrobenzene-d5	9.321	82	292212	78.486	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	362663	113.726	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	883652	75.408	ng	0.00
79) Terphenyl-d14	20.085	244	2192173	85.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	5205	5.137	ng	# 78
3) Pyridine	3.951	79	12599	4.173	ng	# 82
6) Aniline	7.476	93	19640	4.233	ng	94
8) 2-Chlorophenol	7.723	128	12444	4.330	ng	92
10) Phenol	7.330	94	16041	4.235	ng	100
11) bis(2-Chloroethyl)ether	7.570	93	11710	4.345	ng	84
12) 1,3-Dichlorobenzene	8.052	146	14437	4.366	ng	92
13) 1,4-Dichlorobenzene	8.193	146	14266	4.237	ng	97
14) 1,2-Dichlorobenzene	8.516	146	14447	4.425	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	23273	3.648	ng	96
17) 2-Methylphenol	8.599	107	10495	3.916	ng	# 92
18) Hexachloroethane	9.257	117	5032	3.946	ng	96
19) n-Nitroso-di-n-propyla...	8.957	70	9658	4.103	ng	92
22) Acetophenone	8.981	105	21107	4.209	ng	# 96
24) Nitrobenzene	9.362	77	15526	4.127	ng	# 94
25) Isophorone	9.891	82	28071	3.959	ng	# 98
26) 2-Nitrophenol	10.085	139	6692	3.955	ng	# 92
27) 2,4-Dimethylphenol	10.138	122	10469	3.483	ng	96
28) bis(2-Chloroethoxy)met...	10.367	93	16893	4.340	ng	# 93
29) 2,4-Dichlorophenol	10.626	162	12199	3.780	ng	95
30) 1,2,4-Trichlorobenzene	10.837	180	16278	4.177	ng	98
31) Naphthalene	11.025	128	43005	4.121	ng	99
33) 4-Chloroaniline	11.131	127	16755	4.014	ng	97
34) Hexachlorobutadiene	11.319	225	13388	4.004	ng	97
36) 4-Chloro-3-methylphenol	12.230	107	13926	3.877	ng	98
37) 2-Methylnaphthalene	12.623	142	29013	3.715	ng	96
38) 1-Methylnaphthalene	12.835	142	30963	3.992	ng	99
40) 1,2,4,5-Tetrachloroben...	12.982	216	25305	3.977	ng	99
43) 2,4,6-Trichlorophenol	13.217	196	13430m	3.596	ng	
44) 2,4,5-Trichlorophenol	13.287	196	16363	3.906	ng	93
46) 1,1'-Biphenyl	13.610	154	47467	4.042	ng	98
47) 2-Chloronaphthalene	13.657	162	37142	4.014	ng	98
48) 2-Nitroaniline	13.845	65	11165	3.752	ng	88
49) Acenaphthylene	14.492	152	62443	3.951	ng	98
50) Dimethylphthalate	14.210	163	53401	4.134	ng	99
51) 2,6-Dinitrotoluene	14.327	165	10026	4.034	ng	# 91

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Instrument :
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 LOQ-WATER-02-QT4-2025

Quant Time: Nov 20 12:47:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
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Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

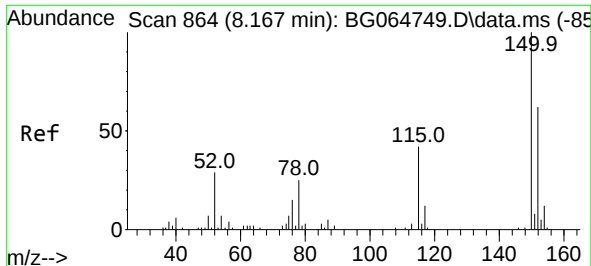
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.833	154	37370	3.943	ng	97
53) 3-Nitroaniline	14.662	138	9022	3.678	ng #	92
55) Dibenzofuran	15.167	168	64576	4.122	ng	95
57) 2,4-Dinitrotoluene	15.115	165	14159	3.800	ng #	95
58) Fluorene	15.808	166	50597	4.117	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	17029	4.120	ng #	96
60) Diethylphthalate	15.567	149	50837	4.109	ng	99
61) 4-Chlorophenyl-phenyle...	15.796	204	30104	4.082	ng	98
62) 4-Nitroaniline	15.814	138	8219	3.234	ng #	78
63) Azobenzene	16.090	77	42947	4.173	ng	93
66) n-Nitrosodiphenylamine	16.008	169	44372	4.091	ng	96
67) 4-Bromophenyl-phenylether	16.689	248	23630	4.346	ng	93
68) Hexachlorobenzene	16.813	284	27135	4.119	ng	99
69) Atrazine	16.936	200	20642	3.948	ng	99
71) Phenanthrene	17.541	178	95398	4.211	ng	99
72) Anthracene	17.629	178	93547	4.050	ng	98
73) Carbazole	17.894	167	79979	4.028	ng	98
74) Di-n-butylphthalate	18.446	149	92252	4.164	ng	98
75) Fluoranthene	19.533	202	124652	4.024	ng	99
78) Pyrene	19.891	202	129724	4.614	ng	97
80) Butylbenzylphthalate	20.761	149	43852	4.434	ng	96
81) Benzo(a)anthracene	21.724	228	138561	4.062	ng	99
83) Chrysene	21.795	228	135518	4.214	ng	99
84) Bis(2-ethylhexyl)phtha...	21.625	149	64771	4.482	ng	99
87) Indeno(1,2,3-cd)pyrene	28.716	276	130095	3.929	ng #	98
88) Benzo(b)fluoranthene	23.963	252	121178m	3.951	ng	
89) Benzo(k)fluoranthene	24.034	252	128765	4.179	ng	99
90) Benzo(a)pyrene	24.844	252	117121	4.117	ng #	96
91) Dibenzo(a,h)anthracene	28.781	278	104371	3.848	ng #	98
92) Benzo(g,h,i)perylene	29.874	276	100780	3.861	ng #	96

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

Manual Integrations

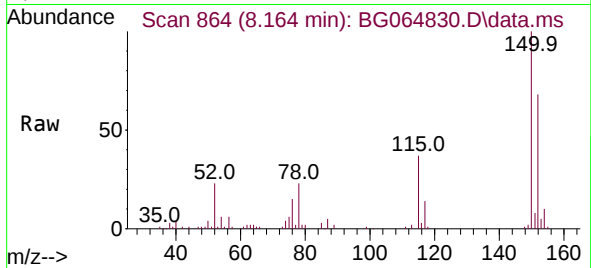
Quant Time: Nov 20 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

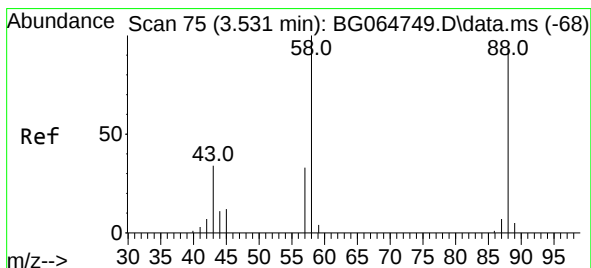
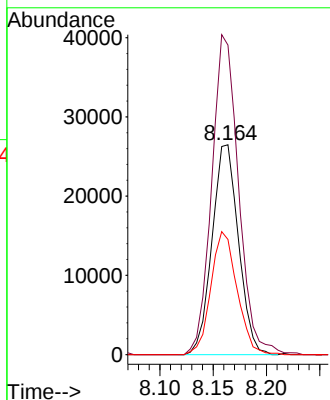
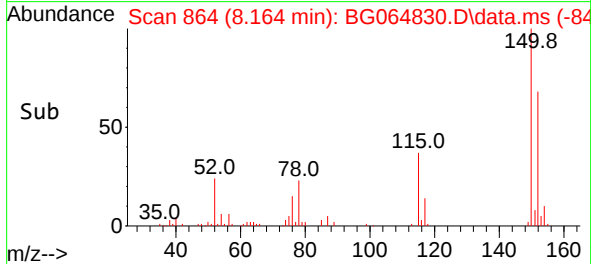
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:152 Resp: 45702
 Ion Ratio Lower Upper
 152 100
 150 147.6 129.2 193.8
 115 54.9 53.7 80.5

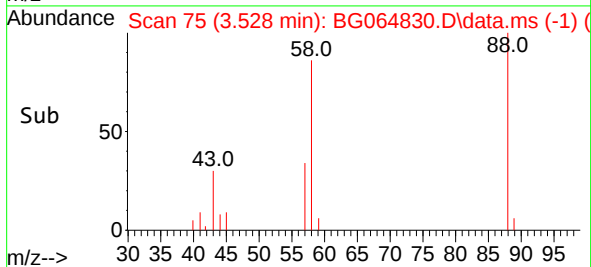
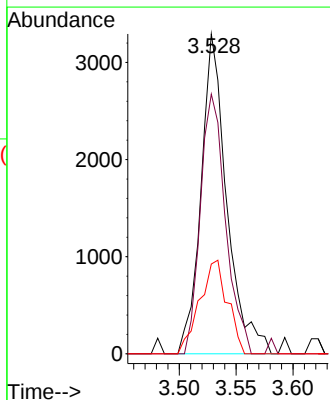
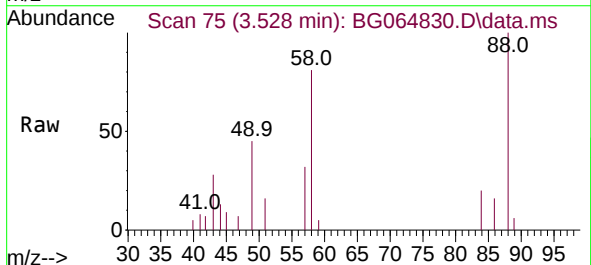
Manual Integrations
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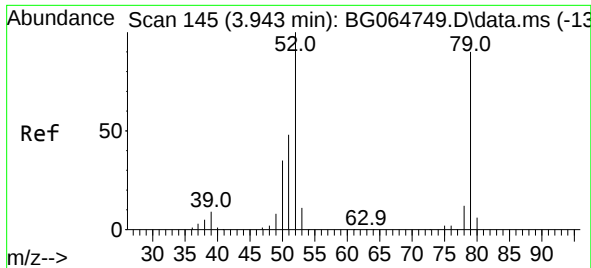
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#2
 1,4-Dioxane
 Concen: 5.137 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

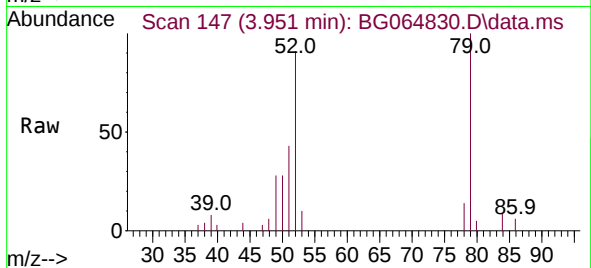
Tgt Ion: 88 Resp: 5205
 Ion Ratio Lower Upper
 88 100
 58 79.0 84.6 126.8
 43 31.5 30.0 45.0





#3
Pyridine
Concen: 4.173 ng
RT: 3.951 min Scan# 145
Delta R.T. 0.008 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

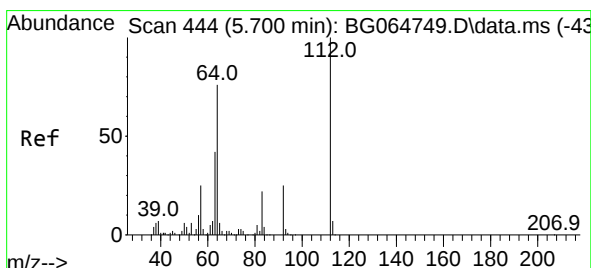
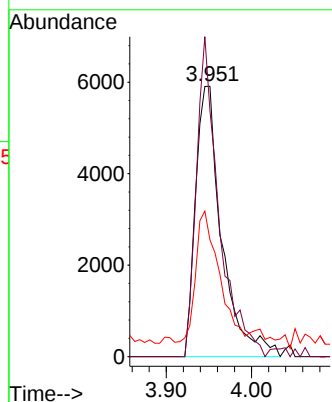
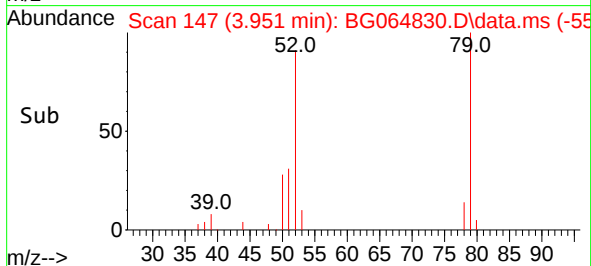
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 79 Resp: 12599
Ion Ratio Lower Upper
79 100
52 90.9 89.0 133.4
51 43.2 43.4 65.0

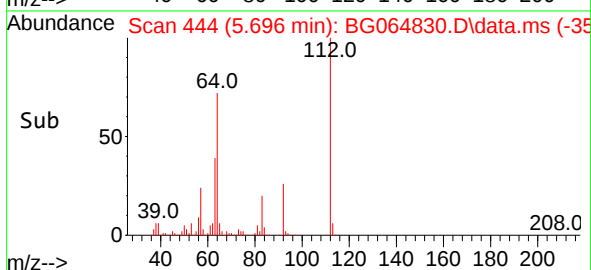
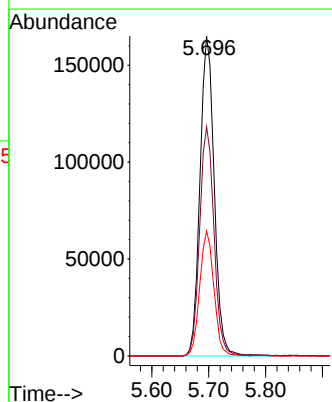
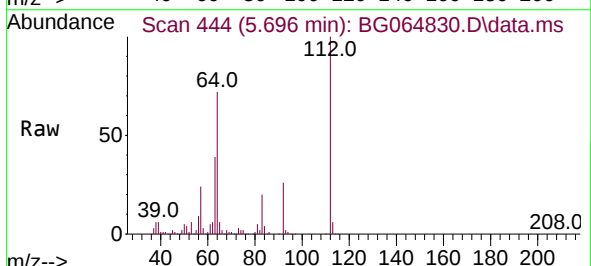
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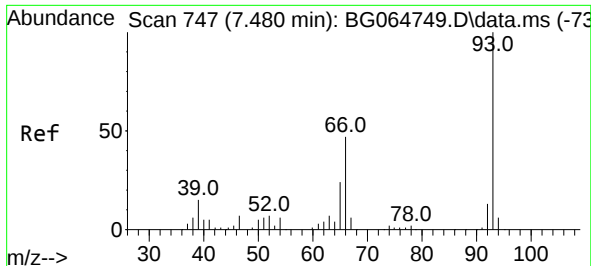
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#5
2-Fluorophenol
Concen: 109.399 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

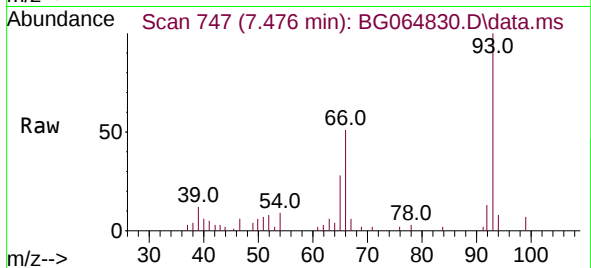
Tgt Ion:112 Resp: 286320
Ion Ratio Lower Upper
112 100
64 71.6 61.0 91.4
63 39.0 33.3 49.9





#6
Aniline
Concen: 4.233 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

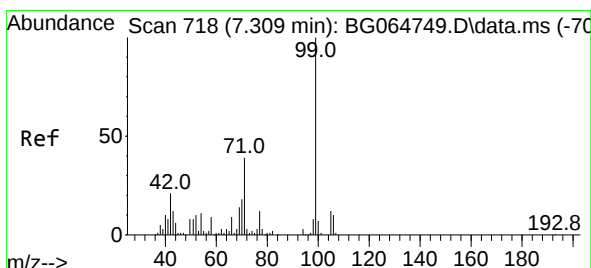
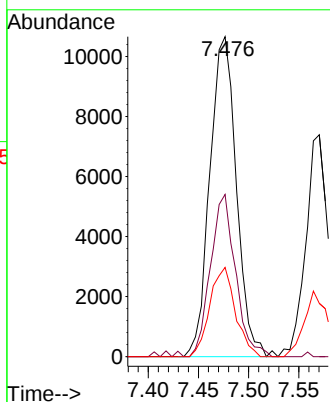
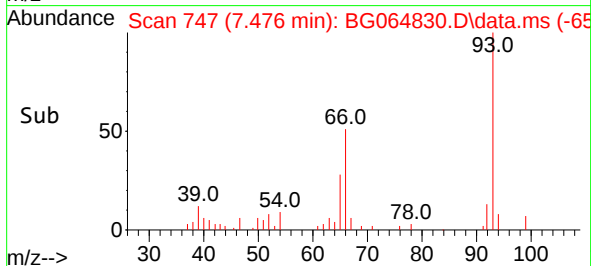
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 93 Resp: 19640
Ion Ratio Lower Upper
93 100
66 50.7 37.7 56.5
65 27.9 19.1 28.7

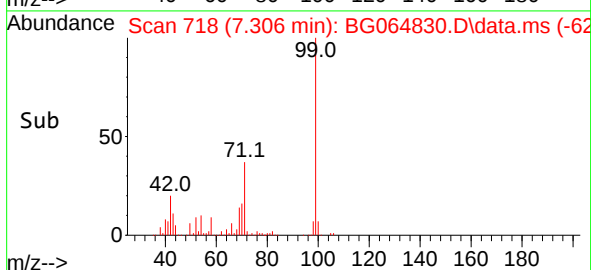
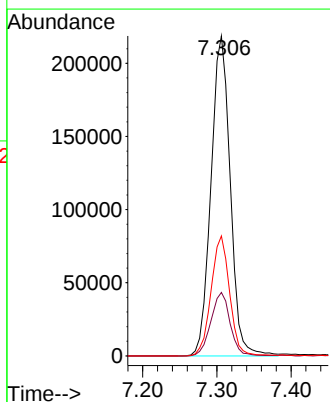
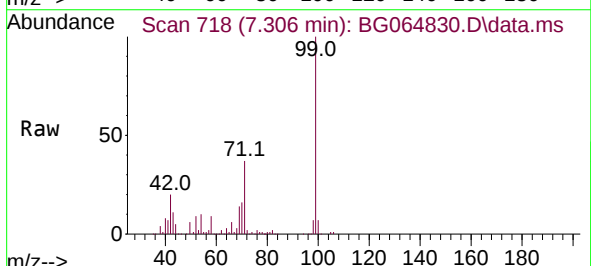
Manual Integrations
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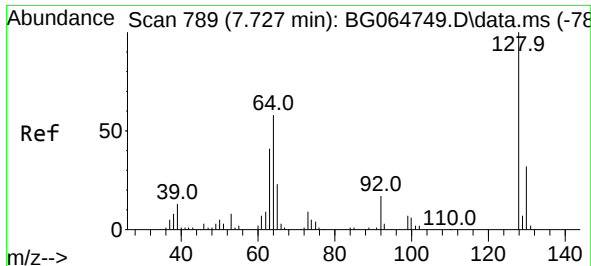
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#7
Phenol-d6
Concen: 113.155 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

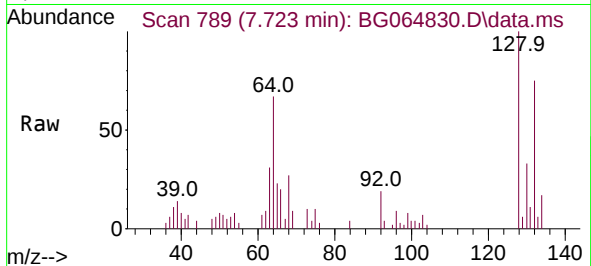
Tgt Ion: 99 Resp: 393891
Ion Ratio Lower Upper
99 100
42 19.8 16.8 25.2
71 37.5 31.1 46.7





#8
2-Chlorophenol
Concen: 4.330 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

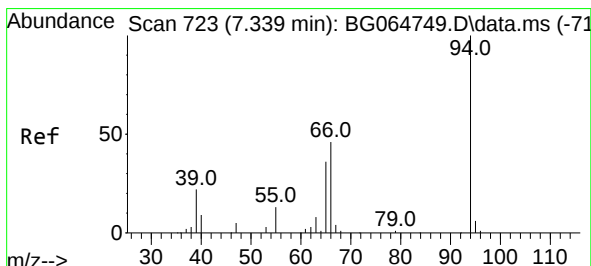
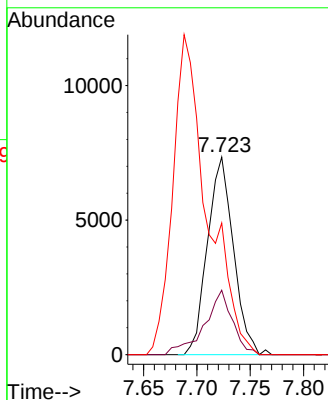
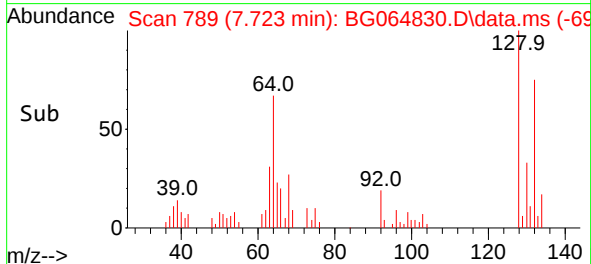
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



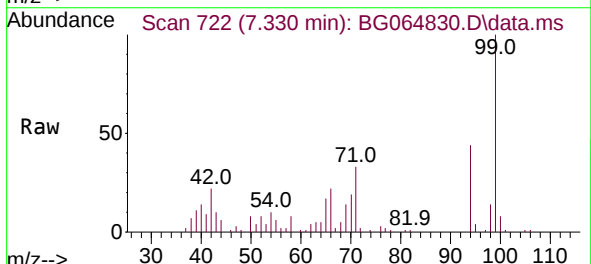
Tgt Ion:128 Resp: 1244
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 66.7 38.4 78.4

Manual Integrations
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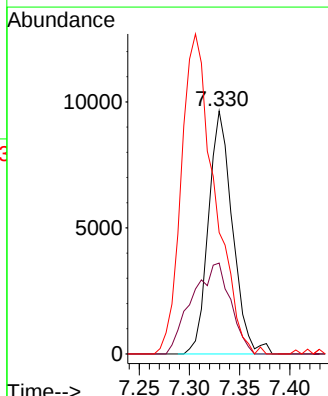
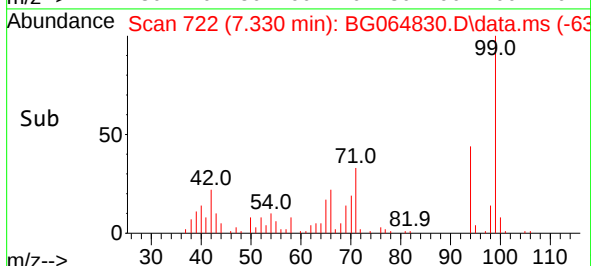
Reviewed By :Jagrut Upadhyay 11/21/2025
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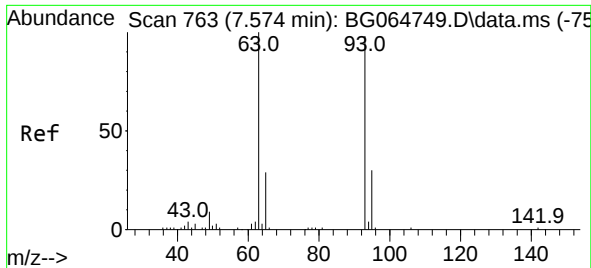


#10
Phenol
Concen: 4.235 ng
RT: 7.330 min Scan# 722
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



Tgt Ion: 94 Resp: 16041
Ion Ratio Lower Upper
94 100
65 37.4 17.0 57.0
66 50.0 29.8 69.8





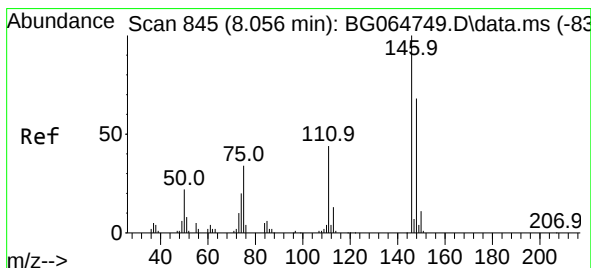
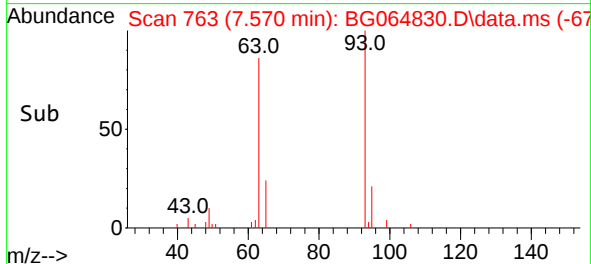
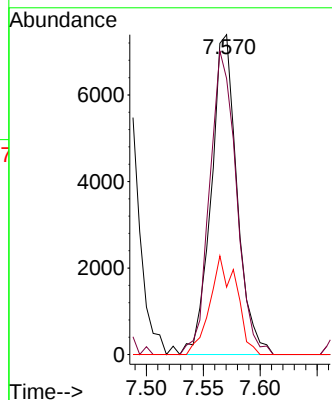
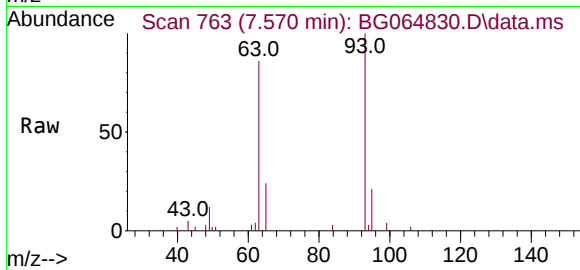
#11
bis(2-Chloroethyl)ether
Concen: 4.345 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 93 Resp: 11710
Ion Ratio Lower Upper
93 100
63 86.3 81.8 121.8
95 21.1 10.3 50.3

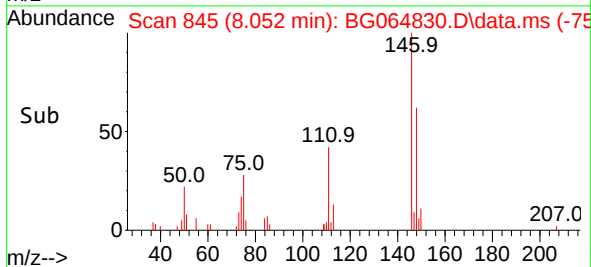
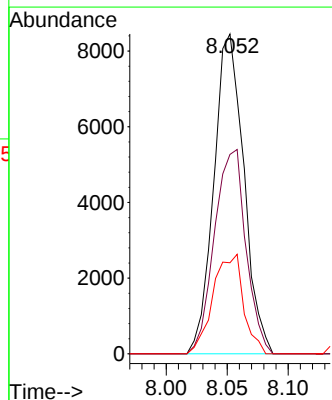
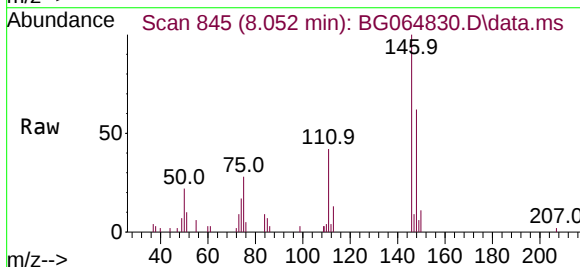
Manual Integrations
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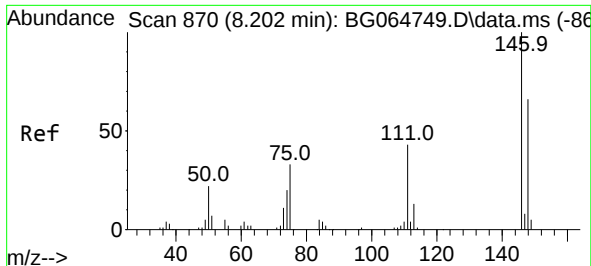
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#12
1,3-Dichlorobenzene
Concen: 4.366 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:146 Resp: 14437
Ion Ratio Lower Upper
146 100
148 62.3 54.6 82.0
75 28.5 27.6 41.4





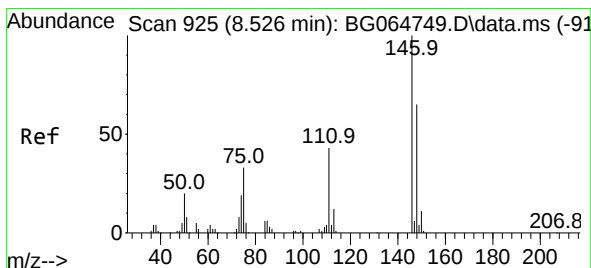
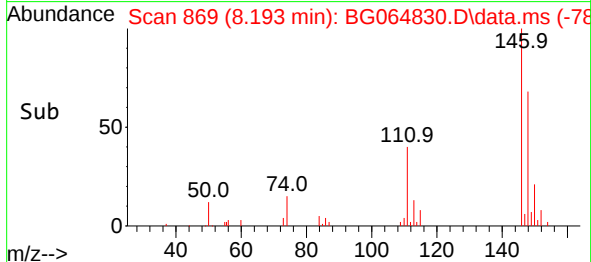
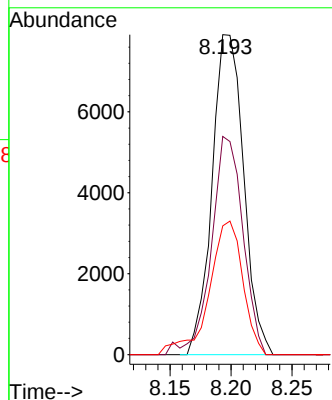
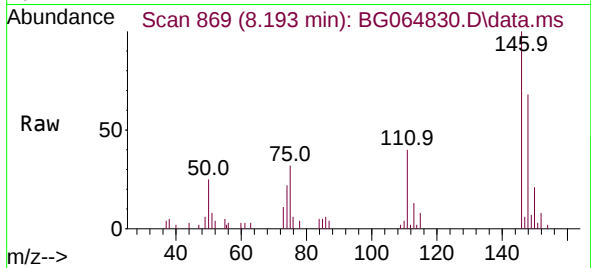
#13
1,4-Dichlorobenzene
Concen: 4.237 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:146 Resp: 14266
Ion Ratio Lower Upper
146 100
148 68.2 53.1 79.7
111 40.3 34.1 51.1

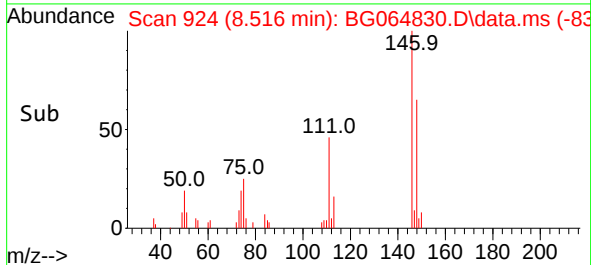
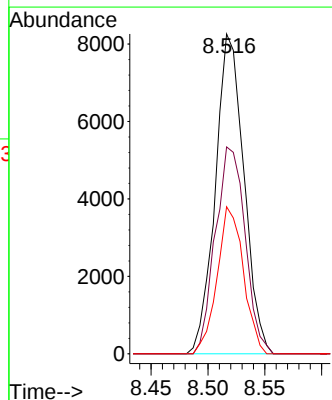
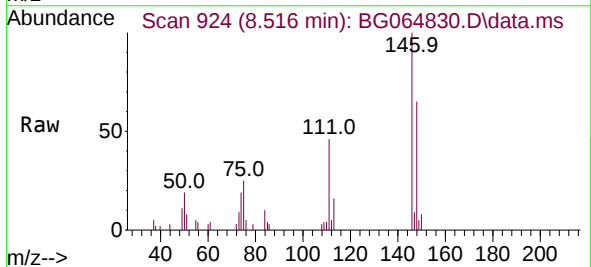
Manual Integrations
APPROVED

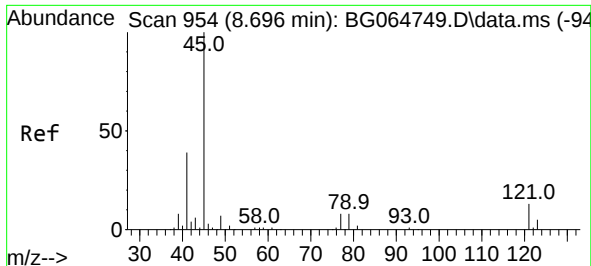
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#14
1,2-Dichlorobenzene
Concen: 4.425 ng
RT: 8.516 min Scan# 924
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:146 Resp: 14447
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 46.0 34.7 52.1





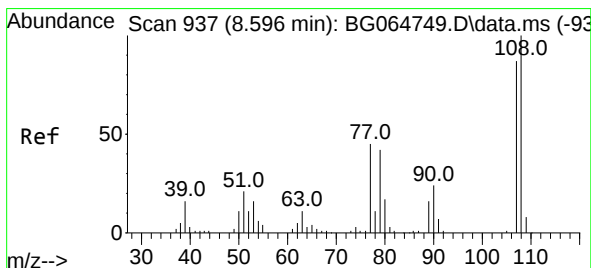
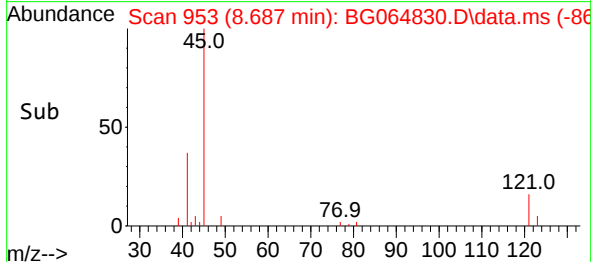
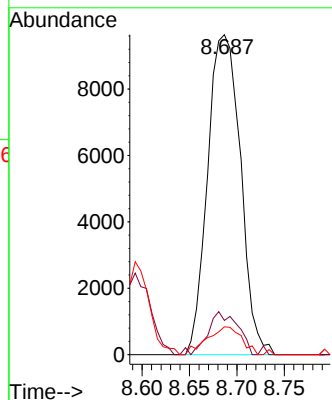
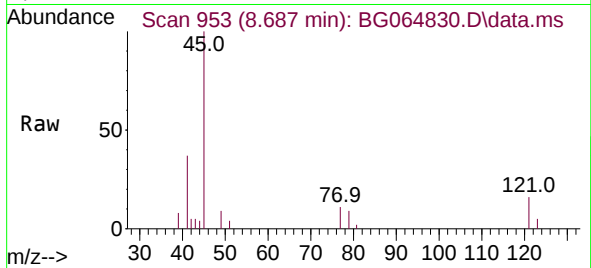
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.648 ng
RT: 8.687 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 45 Resp: 23273
Ion Ratio Lower Upper
45 100
77 10.7 0.0 28.8
79 8.7 0.0 28.1

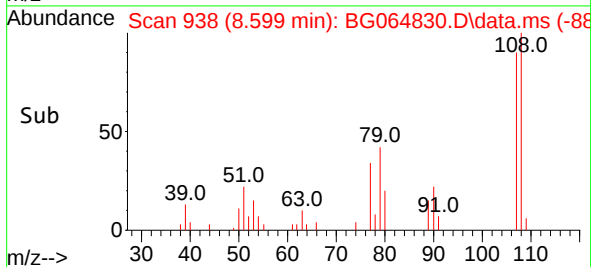
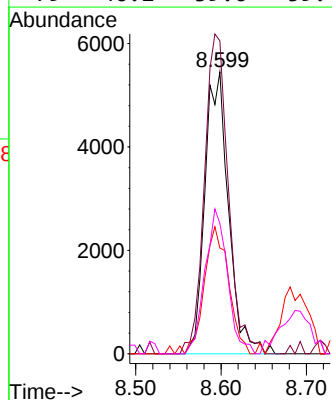
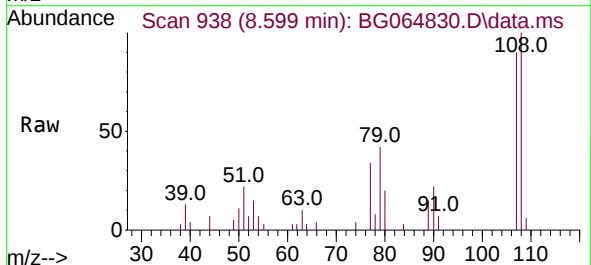
Manual Integrations
APPROVED

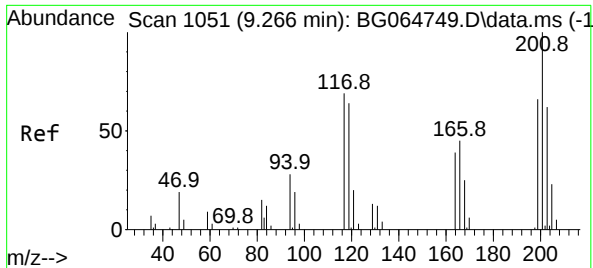
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#17
2-Methylphenol
Concen: 3.916 ng
RT: 8.599 min Scan# 938
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

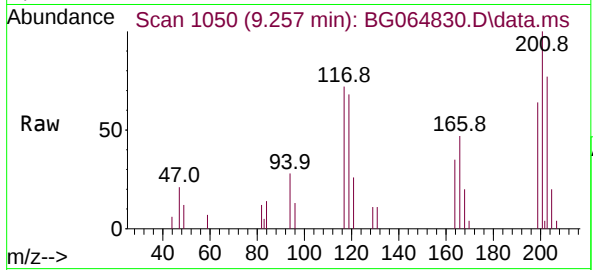
Tgt Ion:107 Resp: 10495
Ion Ratio Lower Upper
107 100
108 110.9 92.6 138.8
77 37.5 41.2 61.8#
79 46.2 39.6 59.4





#18
Hexachloroethane
Concen: 3.946 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

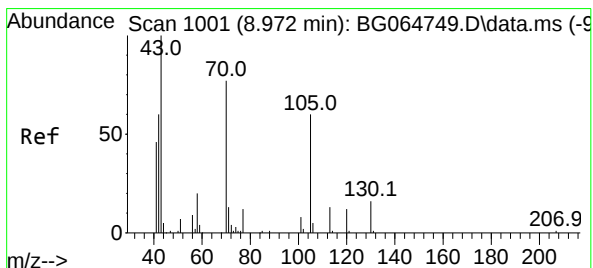
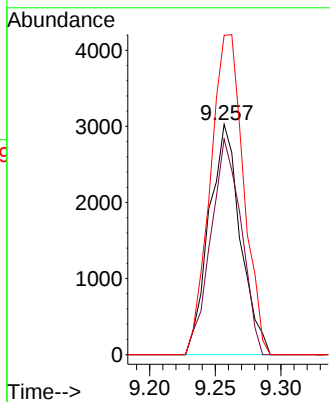
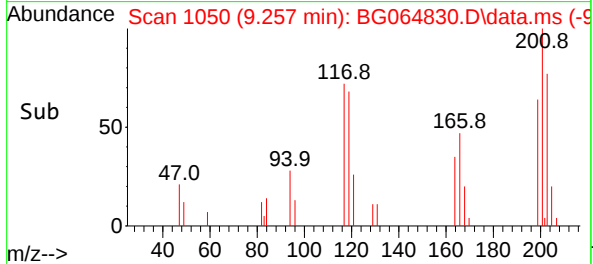
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



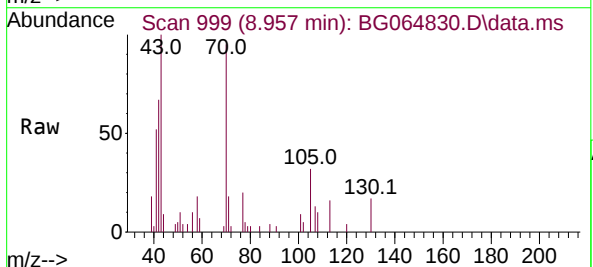
Tgt Ion:117 Resp: 5032
Ion Ratio Lower Upper
117 100
119 93.7 74.4 111.6
201 138.7 116.5 174.7

Manual Integrations
APPROVED

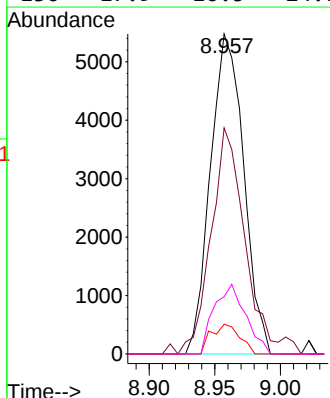
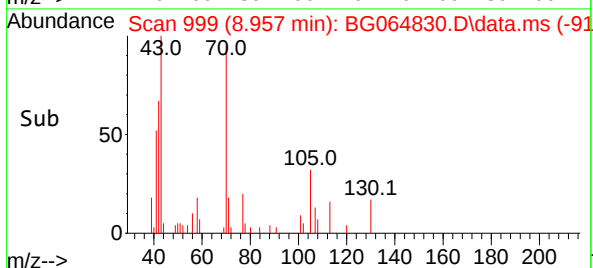
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

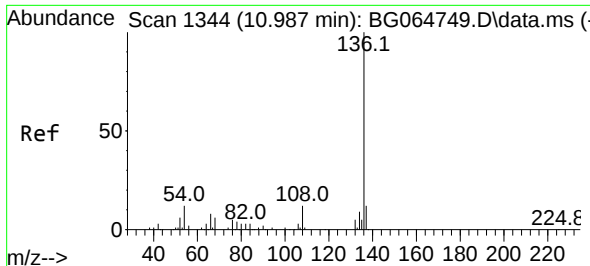


#19
n-Nitroso-di-n-propylamine
Concen: 4.103 ng
RT: 8.957 min Scan# 999
Delta R.T. -0.015 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



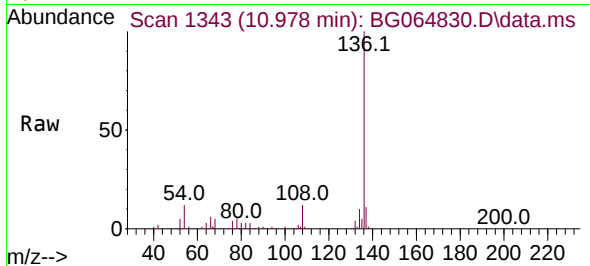
Tgt Ion: 70 Resp: 9658
Ion Ratio Lower Upper
70 100
42 70.7 62.6 93.8
101 9.3 8.0 12.0
130 17.9 16.5 24.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

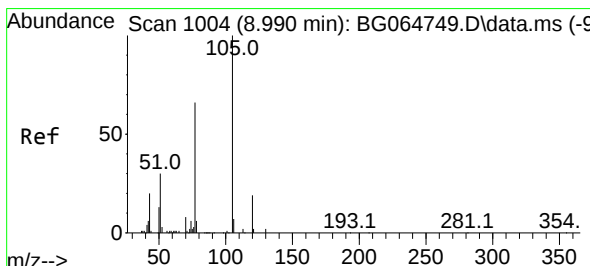
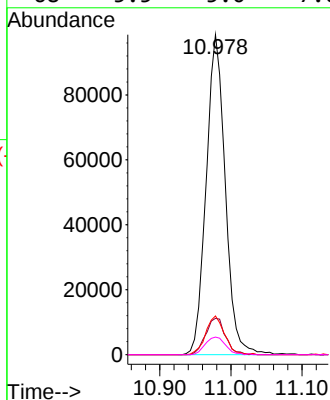
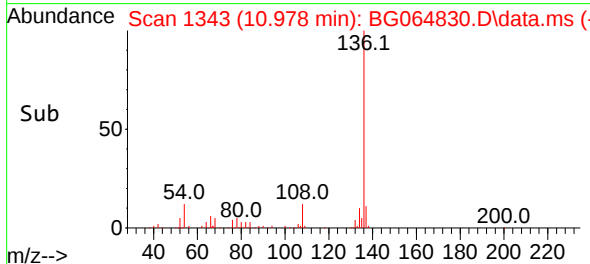
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:136 Resp: 184081
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 12.1 9.3 13.9
68 5.5 5.0 7.6

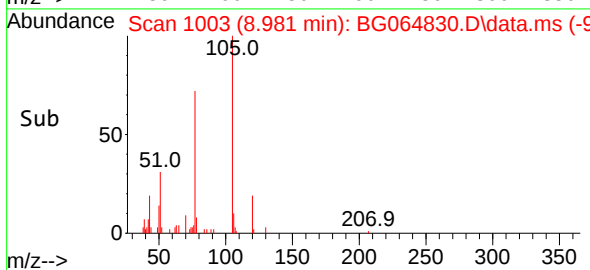
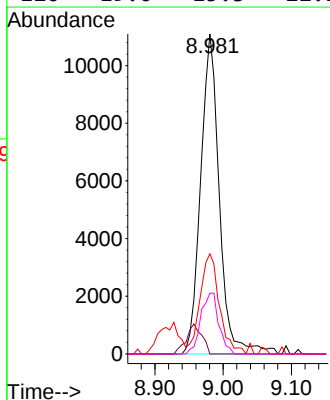
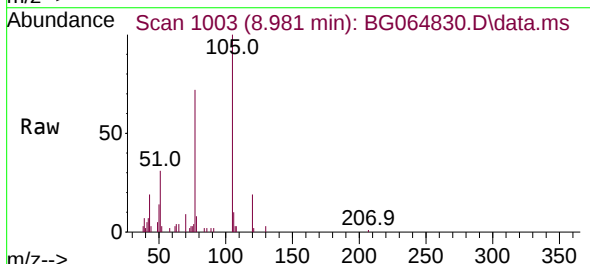
Manual Integrations
APPROVED

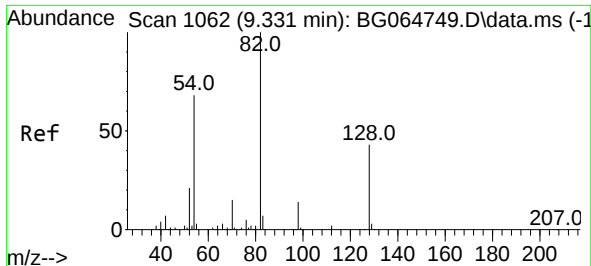
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#22
Acetophenone
Concen: 4.209 ng
RT: 8.981 min Scan# 1003
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

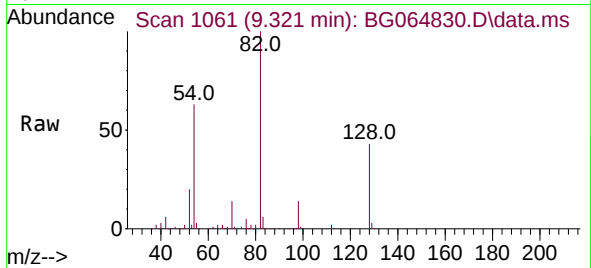
Tgt Ion:105 Resp: 21107
Ion Ratio Lower Upper
105 100
71 0.0 1.3 1.9#
51 31.3 27.9 41.9
120 19.0 15.3 22.9





#23
Nitrobenzene-d5
Concen: 78.486 ng
RT: 9.321 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

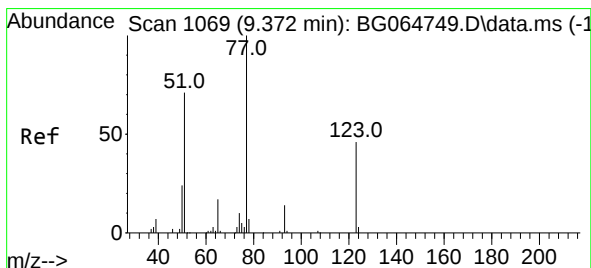
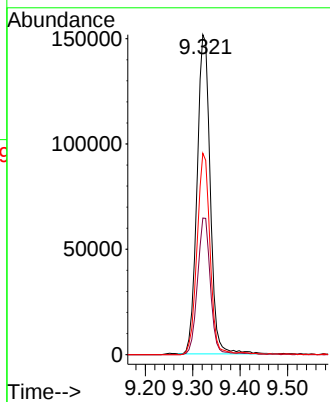
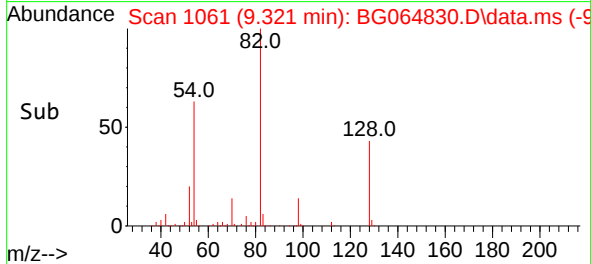
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 82 Resp: 292212
Ion Ratio Lower Upper
82 100
128 42.7 34.1 51.1
54 63.0 54.3 81.5

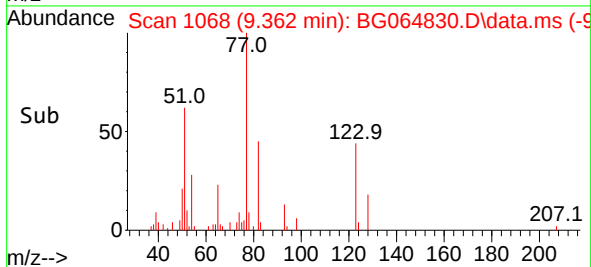
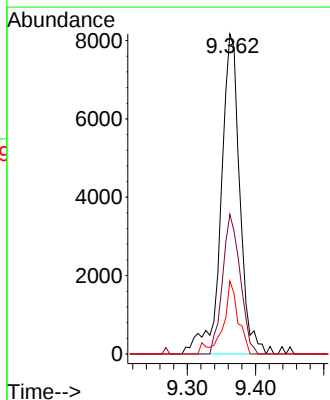
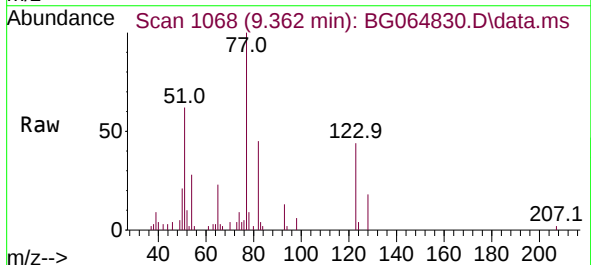
Manual Integrations
APPROVED

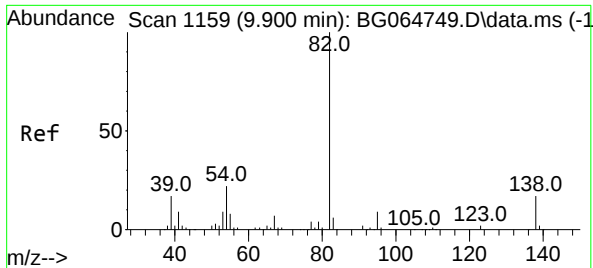
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#24
Nitrobenzene
Concen: 4.127 ng
RT: 9.362 min Scan# 1068
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion: 77 Resp: 15526
Ion Ratio Lower Upper
77 100
123 43.6 36.5 54.7
65 22.8 13.5 20.3#





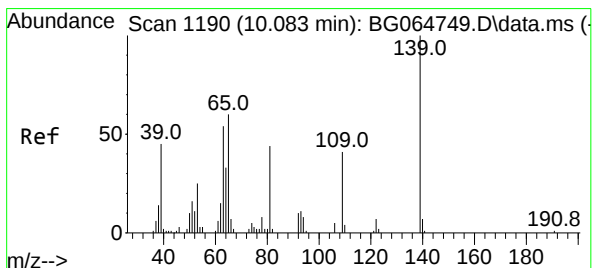
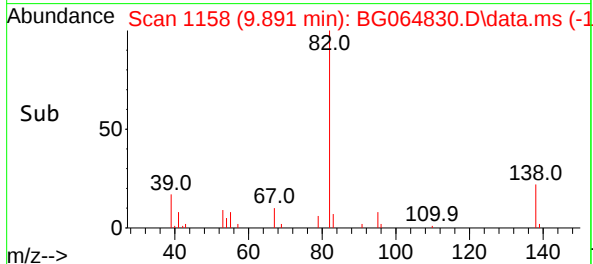
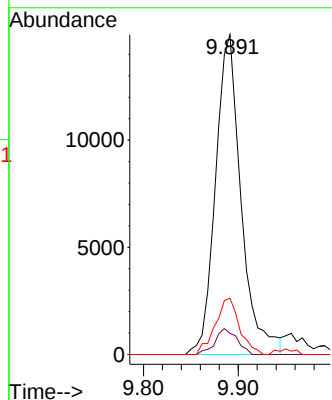
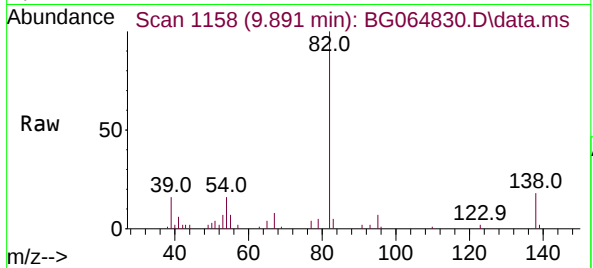
#25
Isophorone
Concen: 3.959 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 82 Resp: 2807
Ion Ratio Lower Upper
82 100
95 6.6 6.9 10.3
138 17.6 13.9 20.9

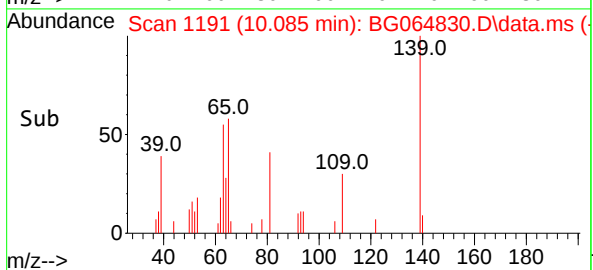
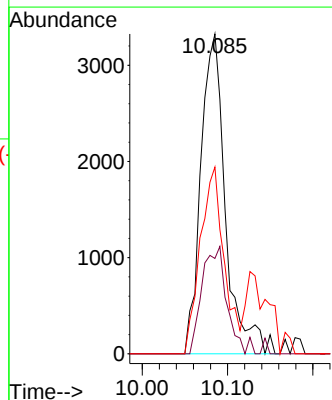
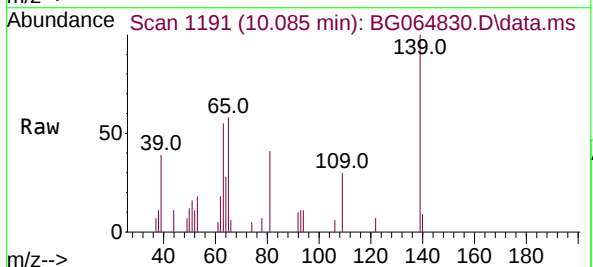
Manual Integrations
APPROVED

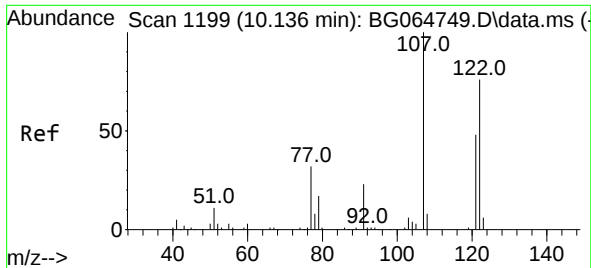
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#26
2-Nitrophenol
Concen: 3.955 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

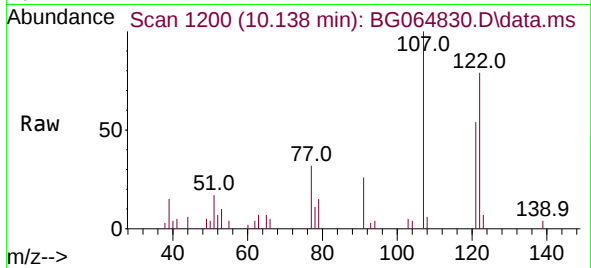
Tgt Ion:139 Resp: 6692
Ion Ratio Lower Upper
139 100
109 29.8 32.5 48.7
65 58.4 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 3.483 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

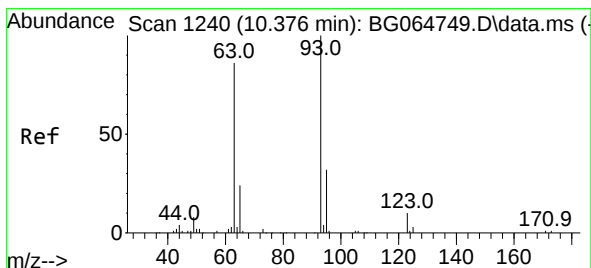
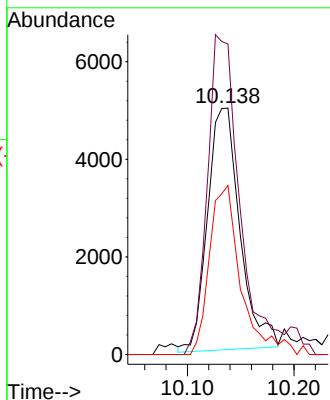
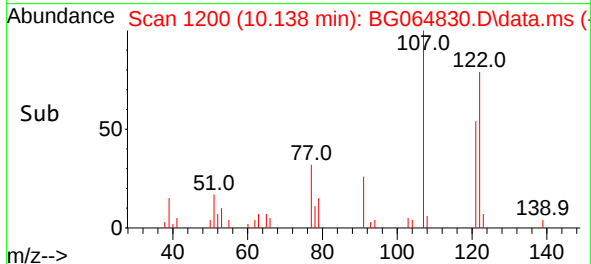
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:122 Resp: 10469
Ion Ratio Lower Upper
122 100
107 126.0 102.5 153.7
121 68.5 49.0 73.6

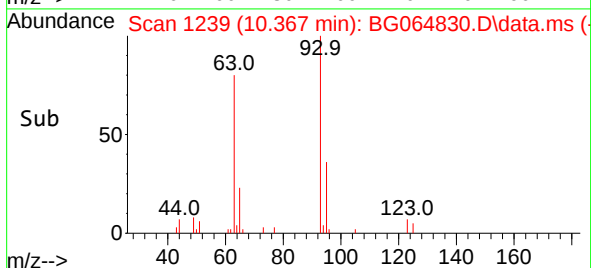
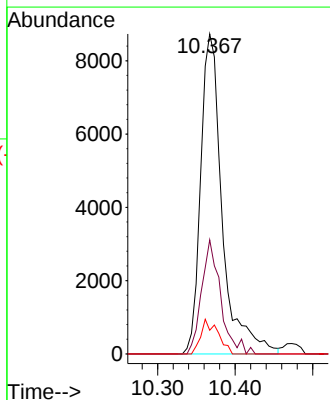
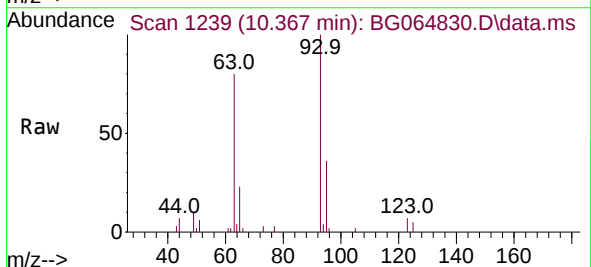
Manual Integrations
APPROVED

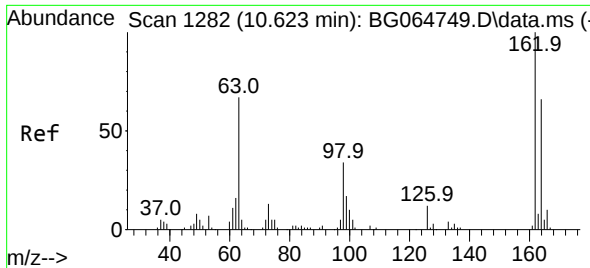
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.340 ng
RT: 10.367 min Scan# 1239
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

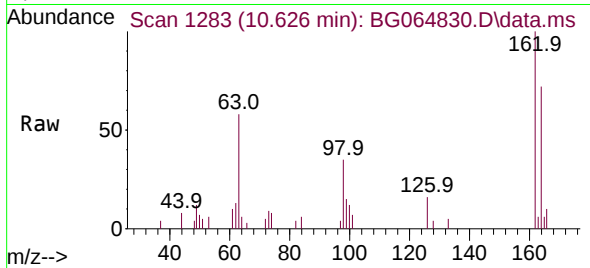
Tgt Ion: 93 Resp: 16893
Ion Ratio Lower Upper
93 100
95 35.6 25.4 38.2
123 7.4 8.1 12.1#





#29
2,4-Dichlorophenol
Concen: 3.780 ng
RT: 10.626 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

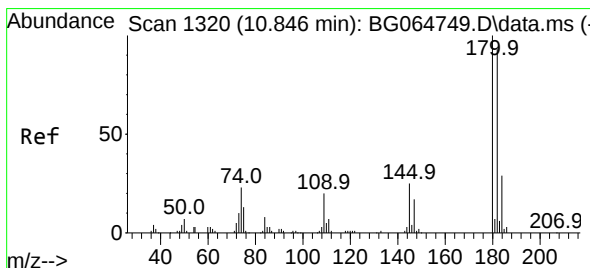
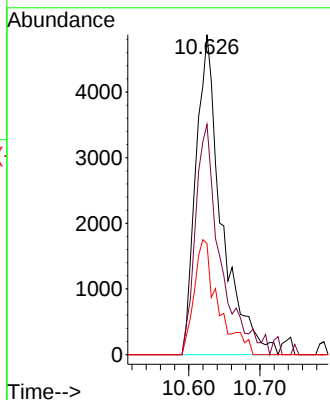
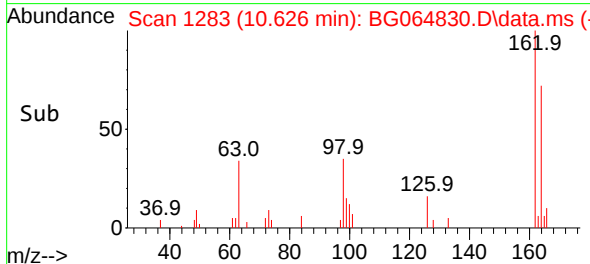
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



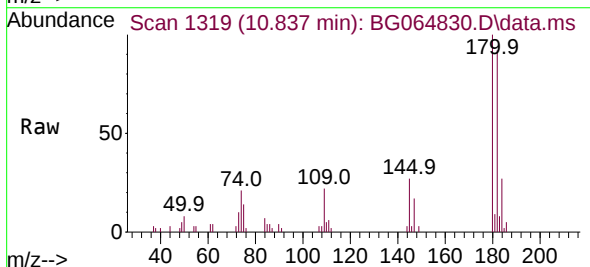
Tgt Ion:162 Resp: 12199
Ion Ratio Lower Upper
162 100
164 71.9 46.0 86.0
98 34.7 14.2 54.2

Manual Integrations
APPROVED

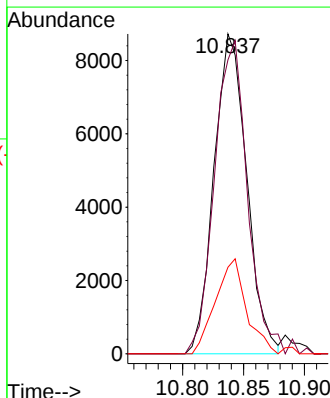
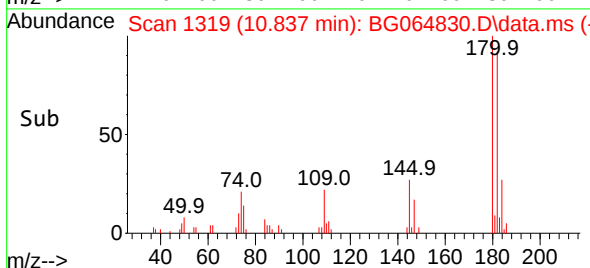
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

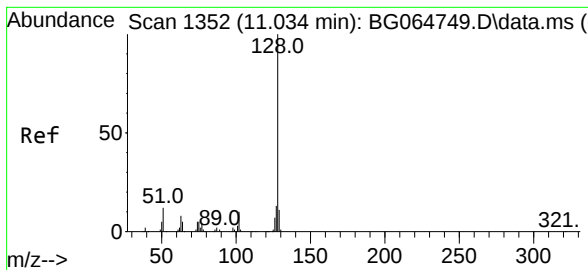


#30
1,2,4-Trichlorobenzene
Concen: 4.177 ng
RT: 10.837 min Scan# 1319
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



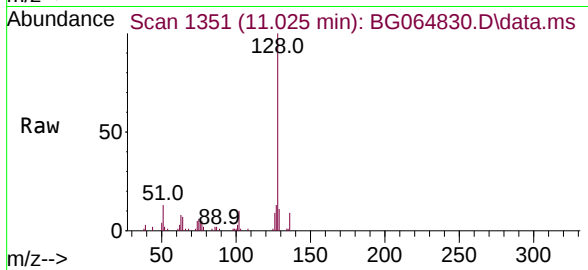
Tgt Ion:180 Resp: 16278
Ion Ratio Lower Upper
180 100
182 91.9 74.2 111.4
145 27.1 20.0 30.0





#31
Naphthalene
Concen: 4.121 ng
RT: 11.025 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

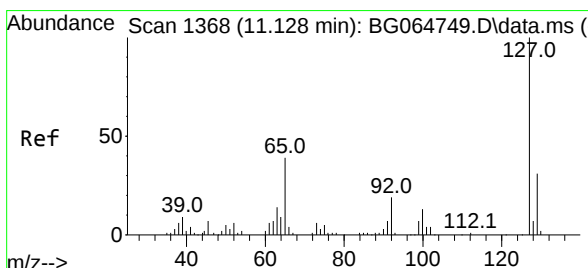
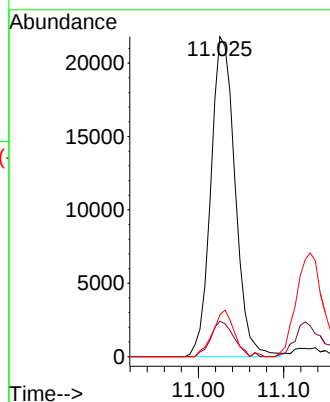
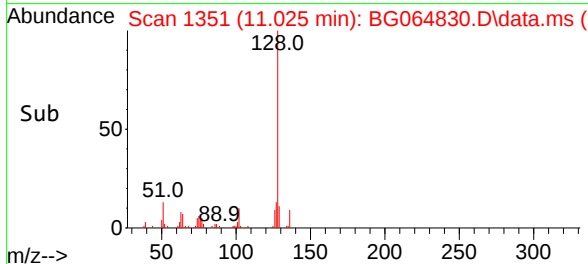
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:128 Resp: 43005
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.0 10.6 16.0

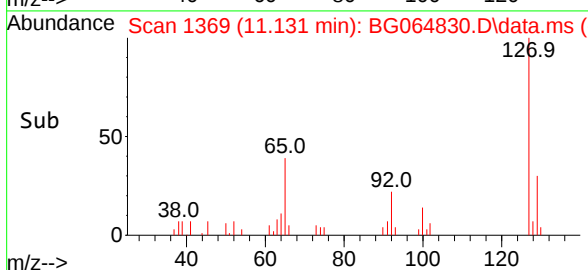
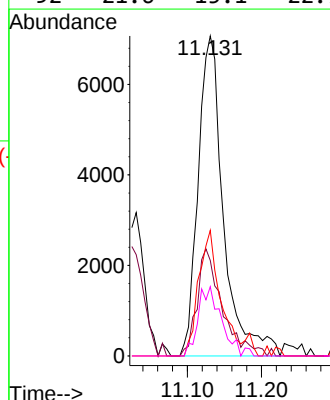
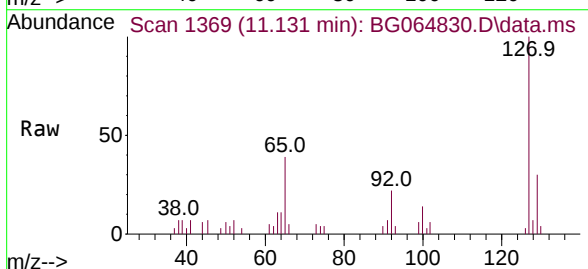
Manual Integrations
APPROVED

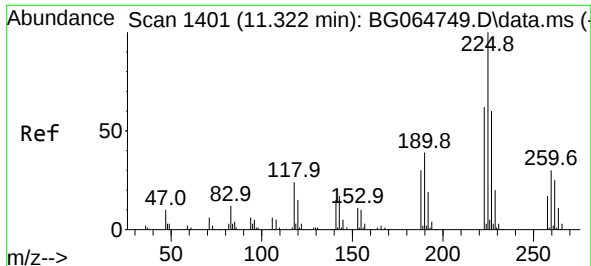
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#33
4-Chloroaniline
Concen: 4.014 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:127 Resp: 16755
Ion Ratio Lower Upper
127 100
129 29.8 24.9 37.3
65 39.2 30.9 46.3
92 21.6 15.1 22.7





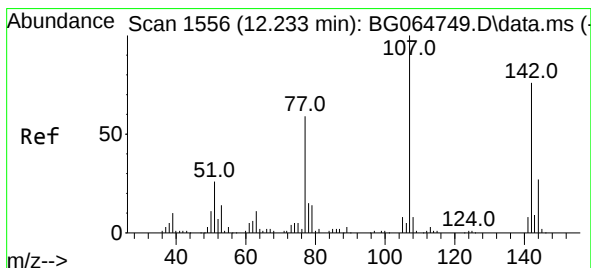
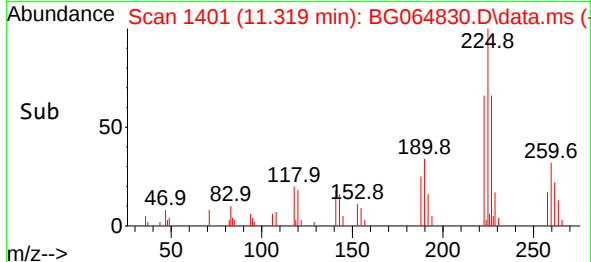
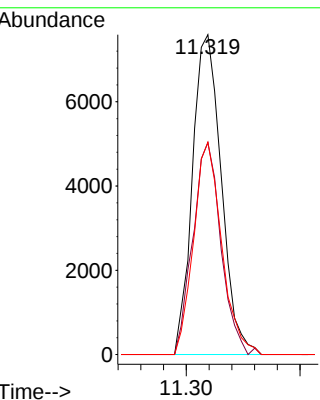
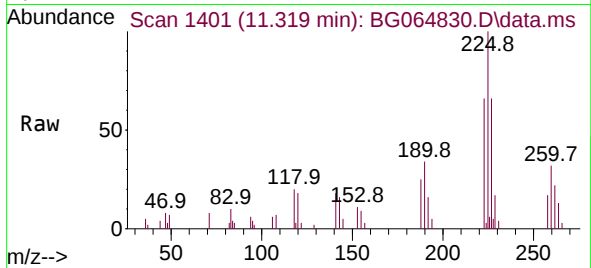
#34
Hexachlorobutadiene
Concen: 4.004 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:225 Resp: 13388
Ion Ratio Lower Upper
225 100
223 62.5 49.9 74.9
227 67.4 50.6 75.8

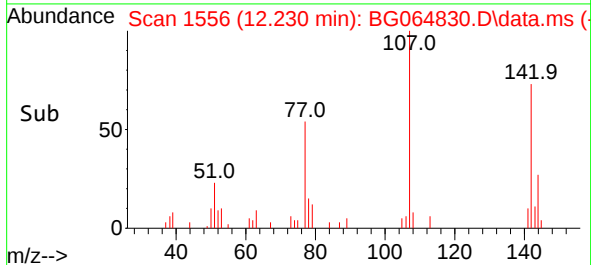
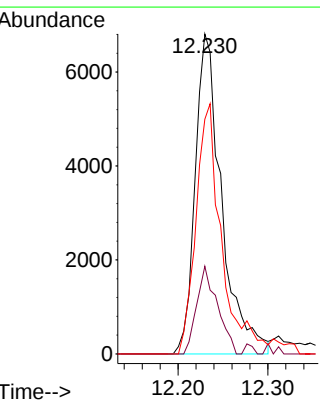
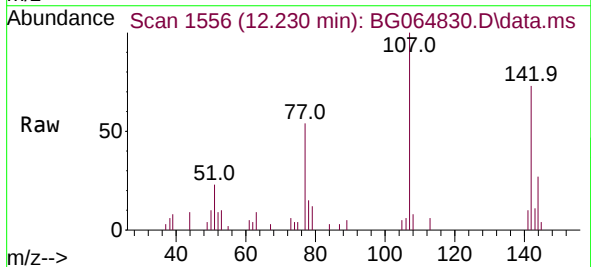
Manual Integrations
APPROVED

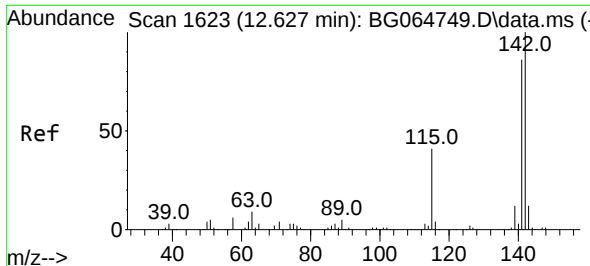
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#36
4-Chloro-3-methylphenol
Concen: 3.877 ng
RT: 12.230 min Scan# 1556
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

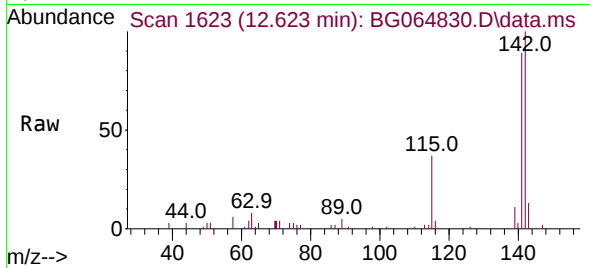
Tgt Ion:107 Resp: 13926
Ion Ratio Lower Upper
107 100
144 27.4 21.7 32.5
142 73.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 3.715 ng
RT: 12.623 min Scan# 1659
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

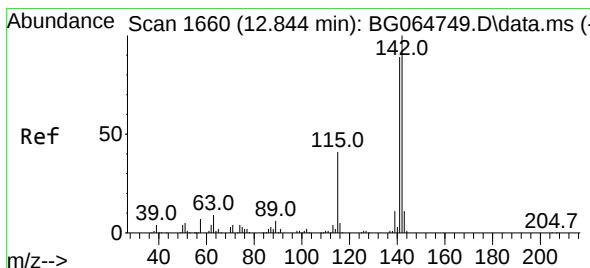
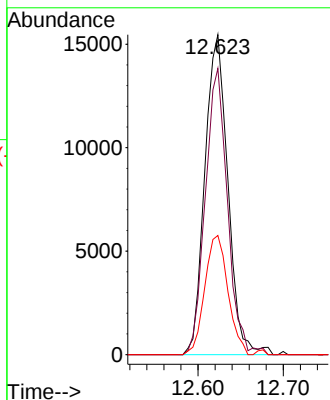
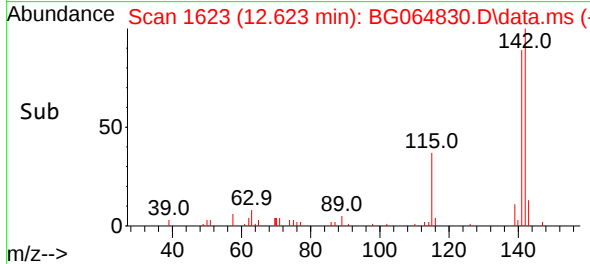
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



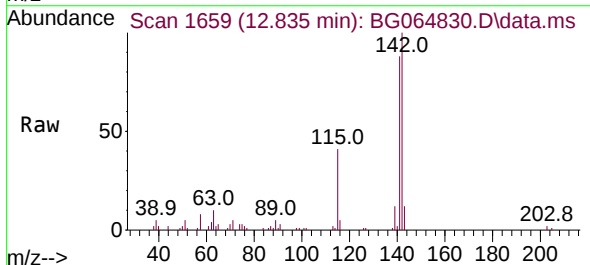
Tgt Ion:142 Resp: 29013
Ion Ratio Lower Upper
142 100
141 89.4 69.1 103.7
115 37.2 32.9 49.3

Manual Integrations
APPROVED

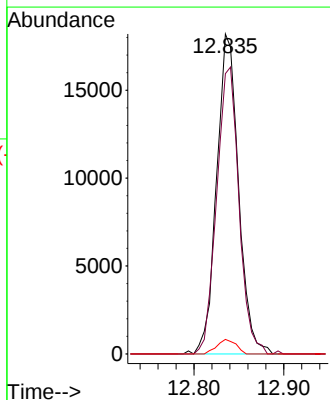
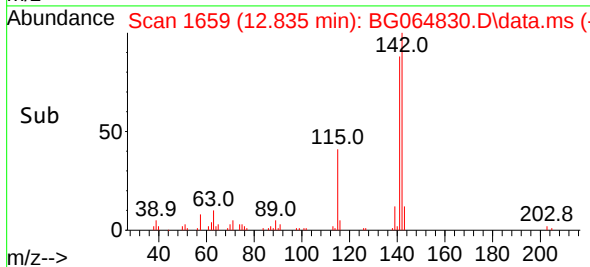
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

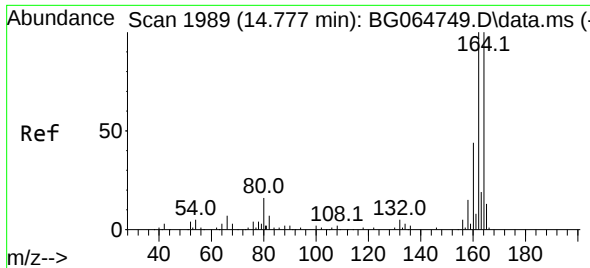


#38
1-Methylnaphthalene
Concen: 3.992 ng
RT: 12.835 min Scan# 1659
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



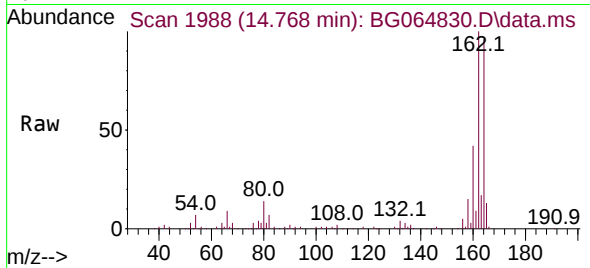
Tgt Ion:142 Resp: 30963
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1989
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

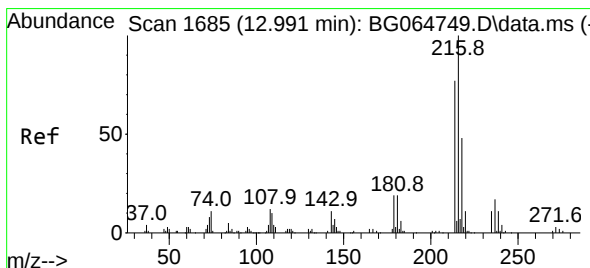
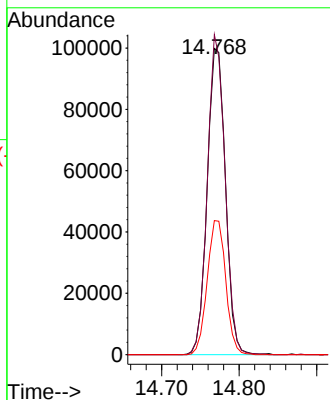
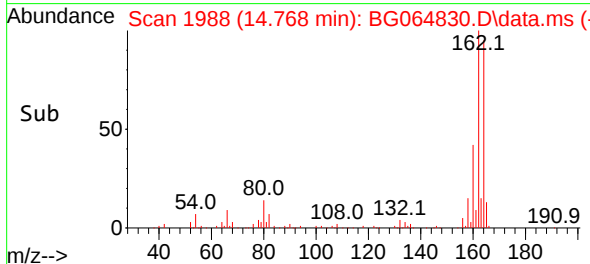
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:164 Resp: 163509
Ion Ratio Lower Upper
164 100
162 104.5 79.8 119.6
160 43.8 34.9 52.3

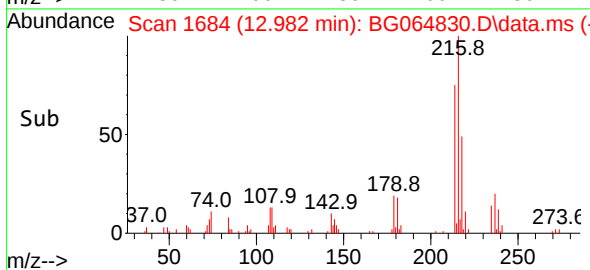
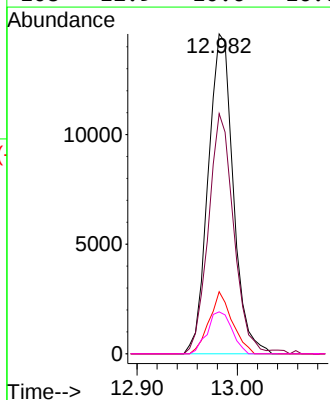
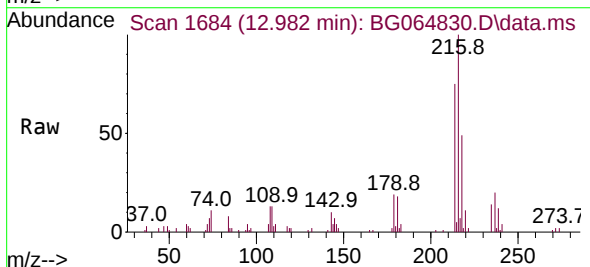
Manual Integrations
APPROVED

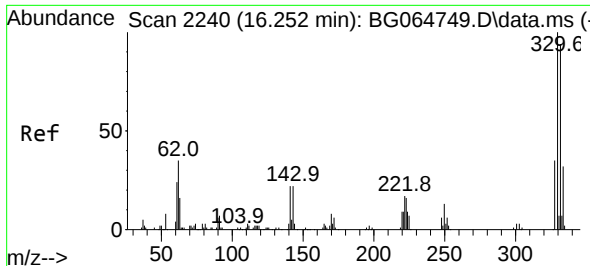
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.977 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

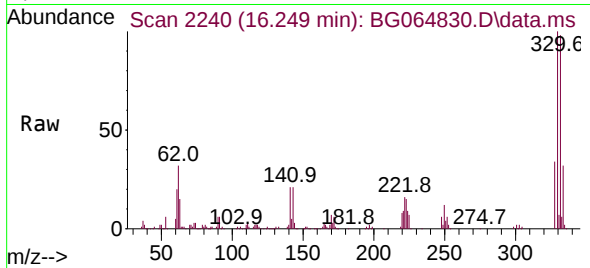
Tgt Ion:216 Resp: 25305
Ion Ratio Lower Upper
216 100
214 76.4 60.5 90.7
179 17.8 14.7 22.1
108 12.9 10.6 16.0





#42
2,4,6-Tribromophenol
Concen: 113.726 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

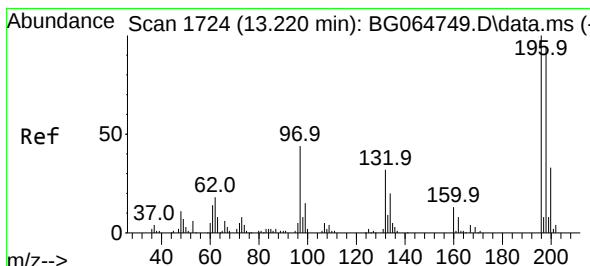
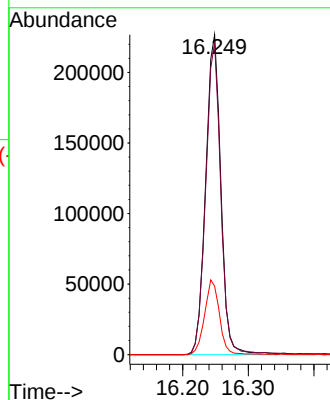
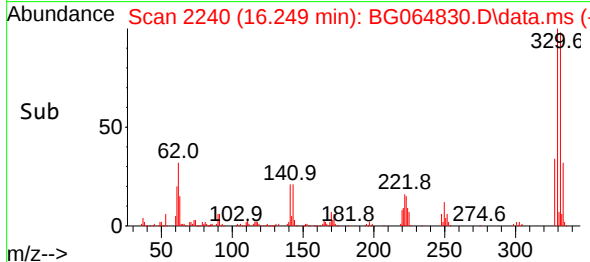
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



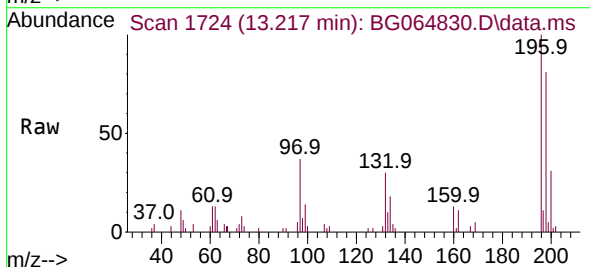
Tgt Ion:330 Resp: 362663
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 22.9 18.2 27.2

Manual Integrations
APPROVED

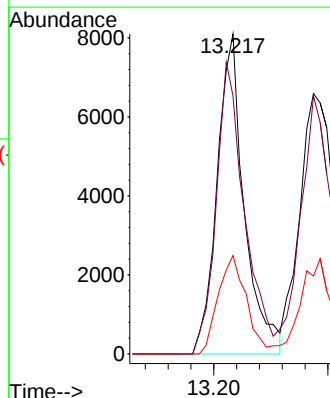
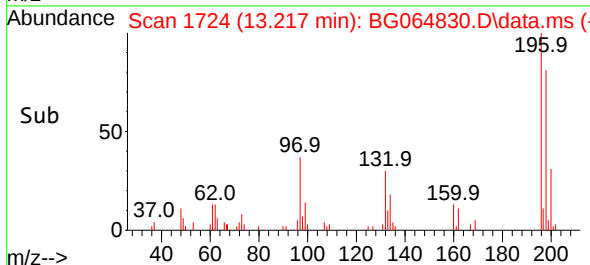
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

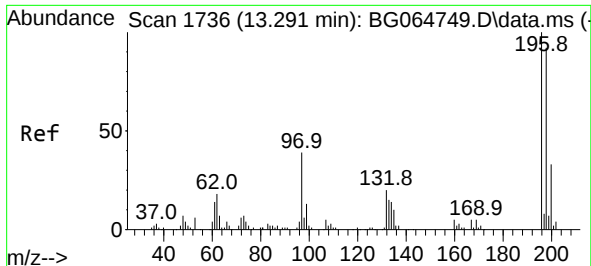


#43
2,4,6-Trichlorophenol
Concen: 3.596 ng m
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



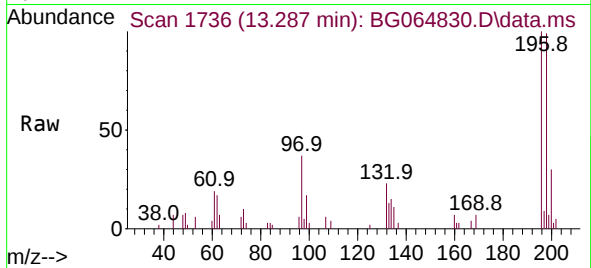
Tgt Ion:196 Resp: 13430
Ion Ratio Lower Upper
196 100
198 80.6 75.3 112.9
200 30.7 26.2 39.2





#44
2,4,5-Trichlorophenol
Concen: 3.906 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

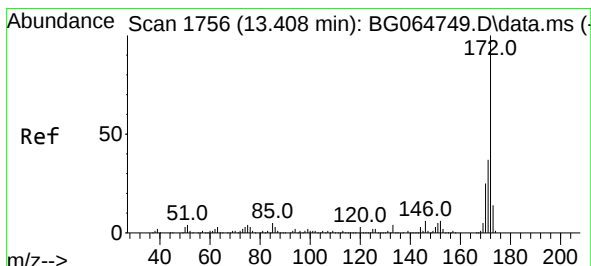
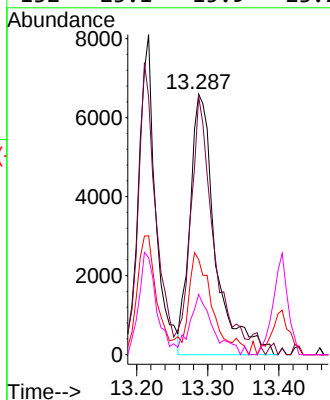
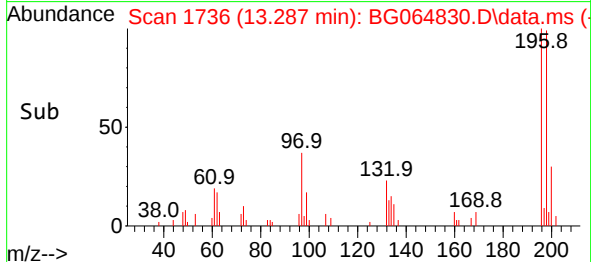
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:196 Resp: 1636
Ion Ratio Lower Upper
196 100
198 99.1 73.2 109.8
97 36.6 31.4 47.0
132 23.1 15.9 23.9

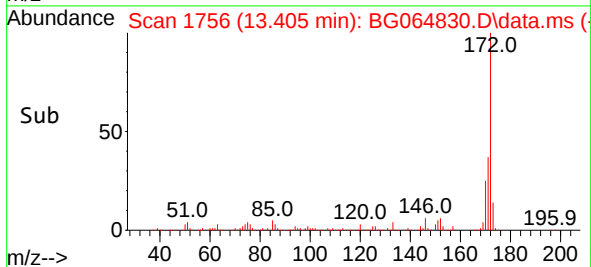
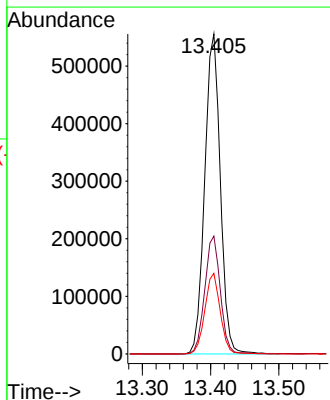
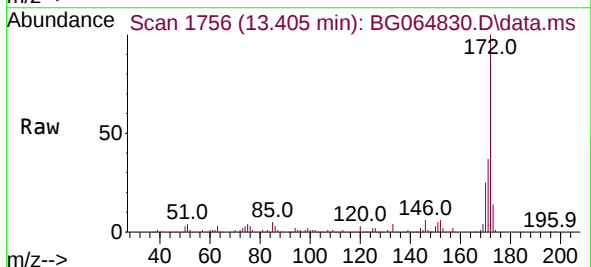
Manual Integrations
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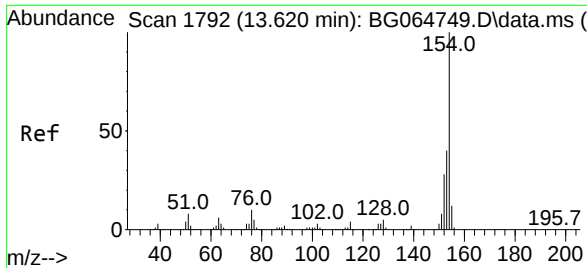
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#45
2-Fluorobiphenyl
Concen: 75.408 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

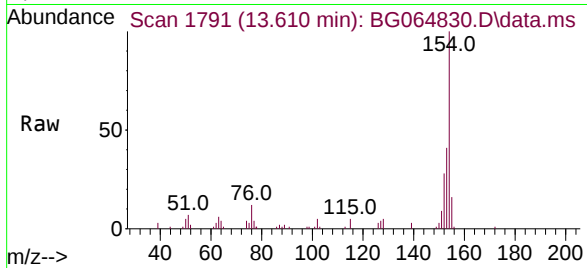
Tgt Ion:172 Resp: 883652
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 25.2 19.8 29.6





#46
1,1'-Biphenyl
Concen: 4.042 ng
RT: 13.610 min Scan# 1792
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

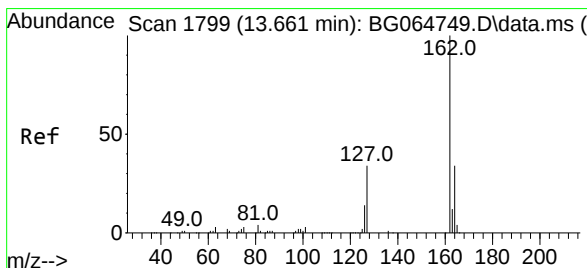
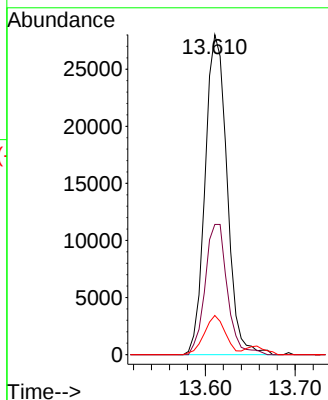
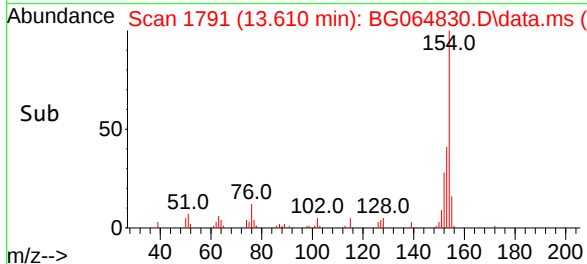
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:154 Resp: 47462
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 12.2 0.0 30.0

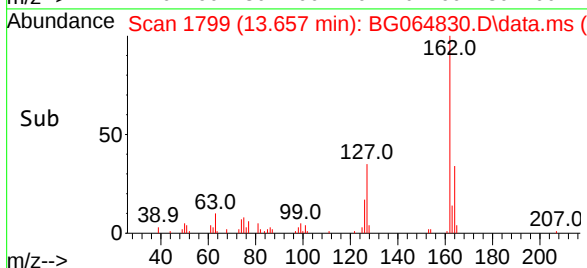
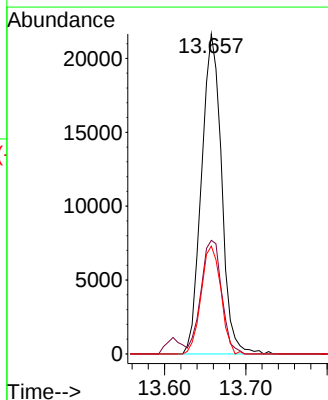
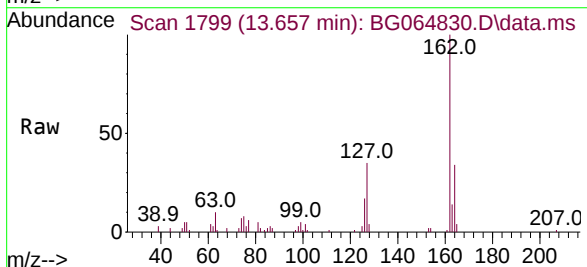
Manual Integrations
APPROVED

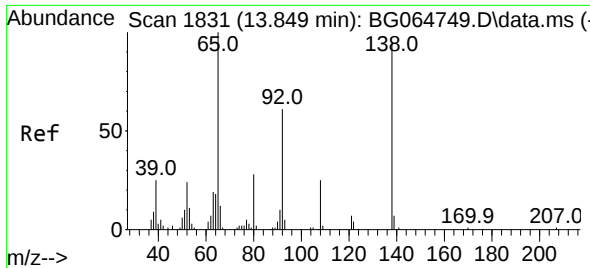
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#47
2-Chloronaphthalene
Concen: 4.014 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:162 Resp: 37142
Ion Ratio Lower Upper
162 100
127 35.5 30.3 45.5
164 33.7 26.8 40.2





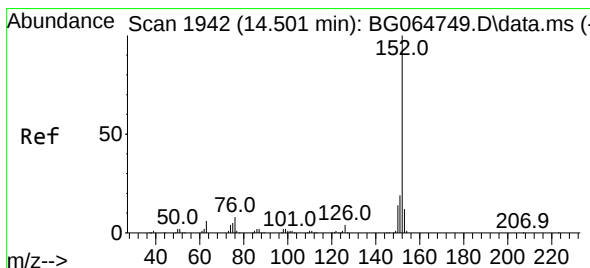
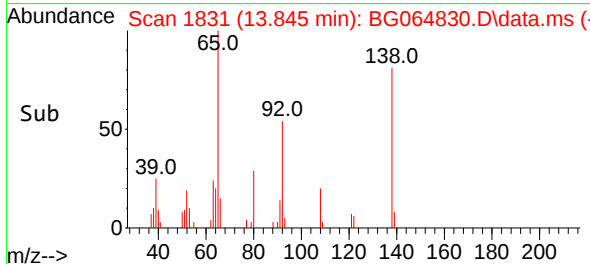
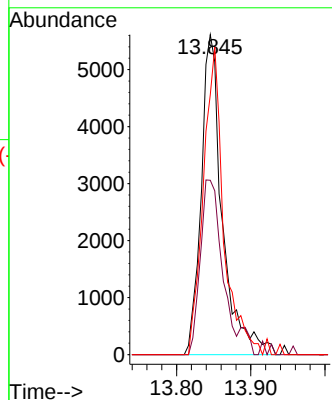
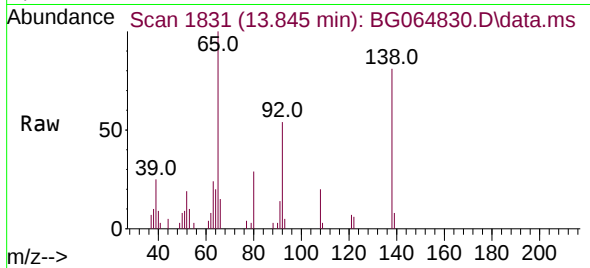
#48
2-Nitroaniline
Concen: 3.752 ng
RT: 13.845 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 65 Resp: 11165
Ion Ratio Lower Upper
65 100
92 54.5 48.6 73.0
138 81.2 76.4 114.6

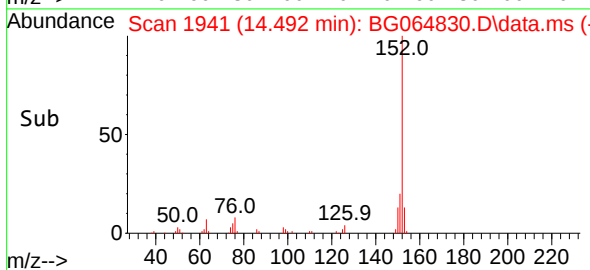
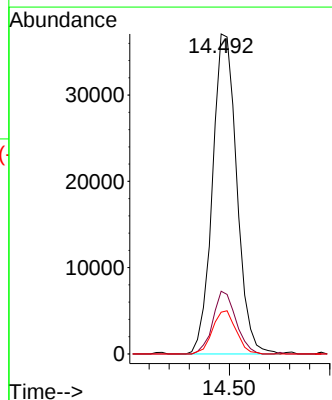
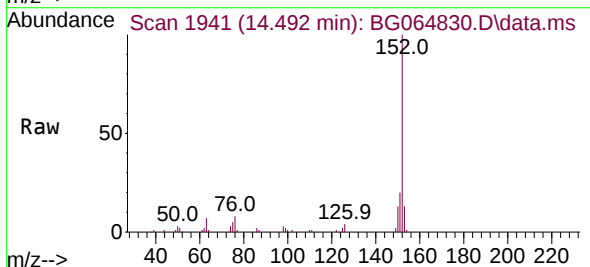
Manual Integrations
APPROVED

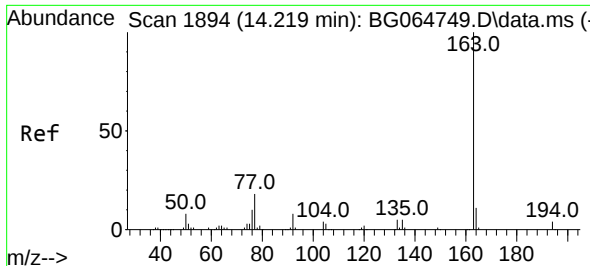
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#49
Acenaphthylene
Concen: 3.951 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

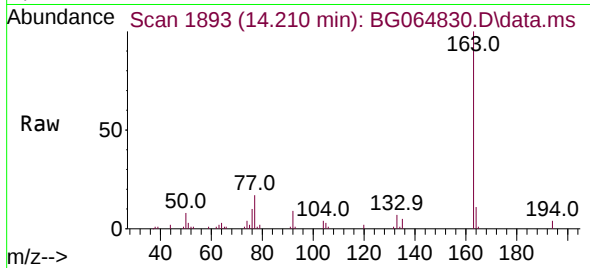
Tgt Ion:152 Resp: 62443
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.4
153 13.0 9.9 14.9





#50
Dimethylphthalate
Concen: 4.134 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

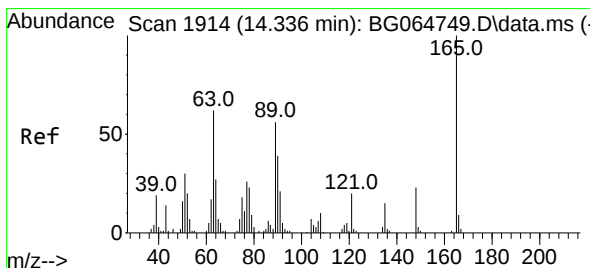
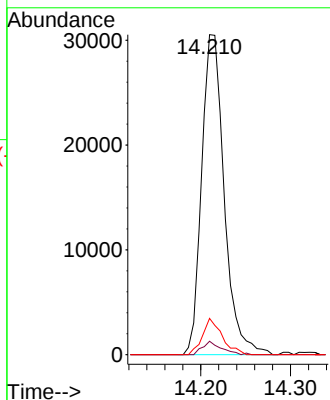
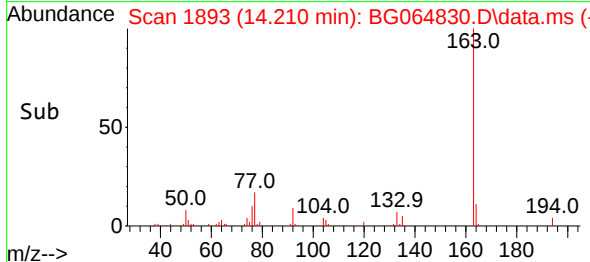
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



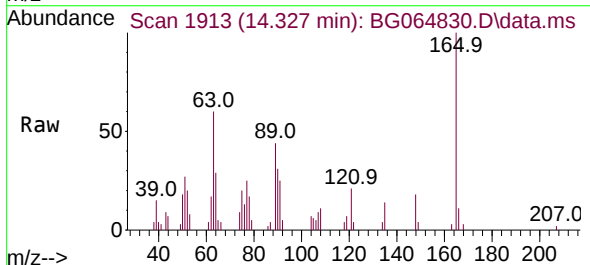
Tgt Ion:163 Resp: 53401
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 11.3 8.6 12.8

Manual Integrations
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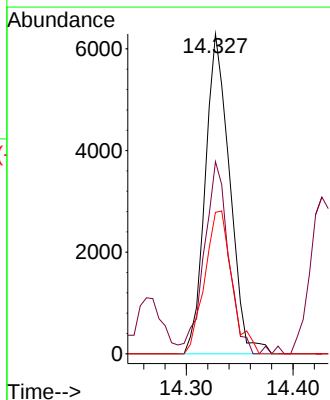
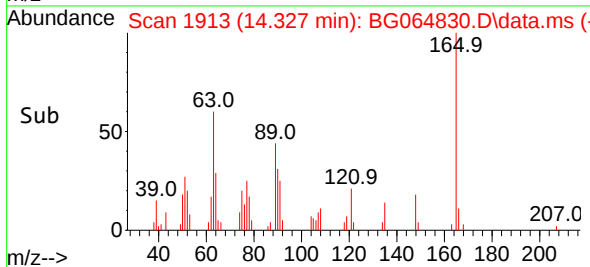
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

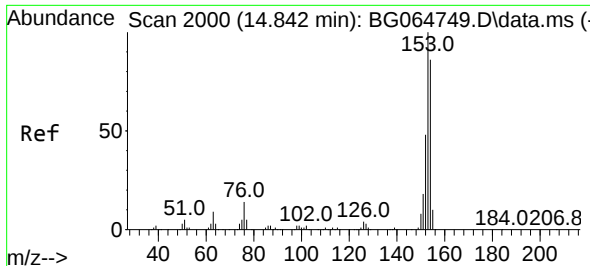


#51
2,6-Dinitrotoluene
Concen: 4.034 ng
RT: 14.327 min Scan# 1913
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



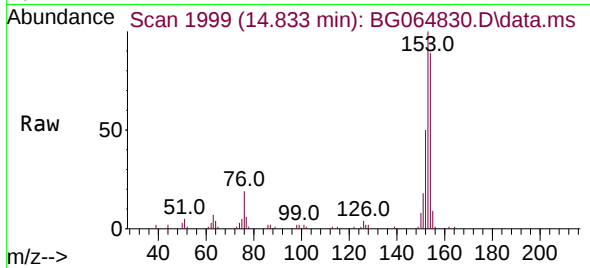
Tgt Ion:165 Resp: 10026
Ion Ratio Lower Upper
165 100
63 60.1 49.8 74.8
89 44.2 45.0 67.4#





#52
Acenaphthene
Concen: 3.943 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

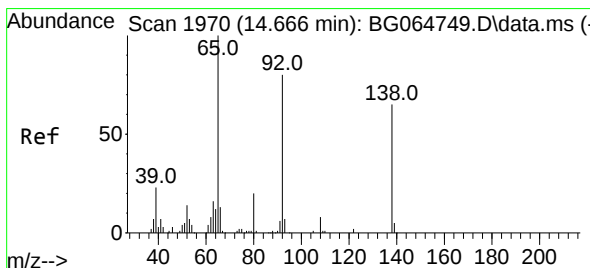
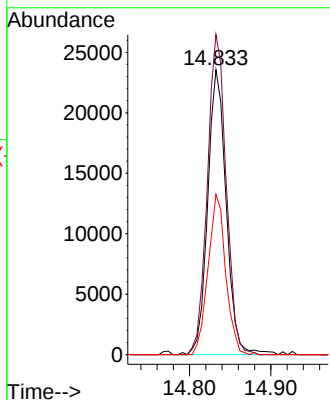
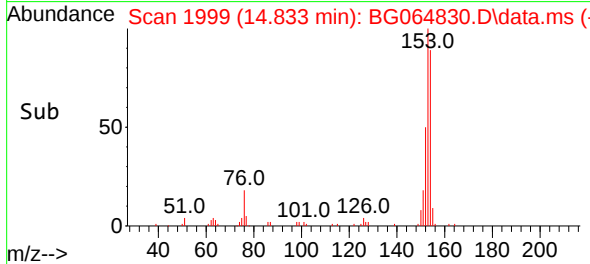
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:154 Resp: 37376
Ion Ratio Lower Upper
154 100
153 112.4 93.0 139.4
152 56.3 44.4 66.6

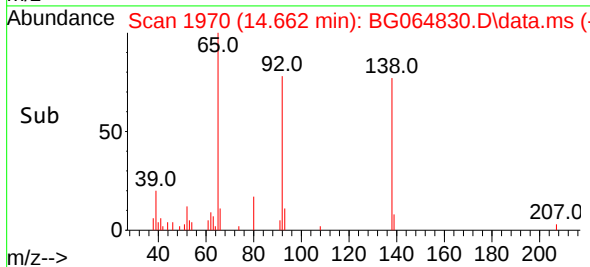
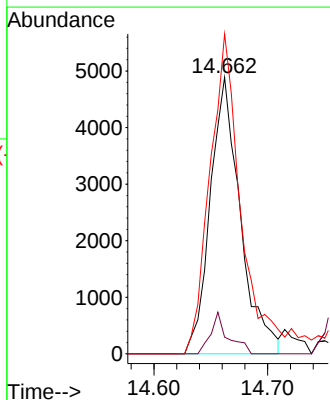
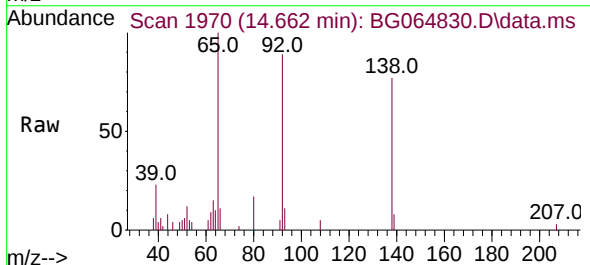
Manual Integrations
APPROVED

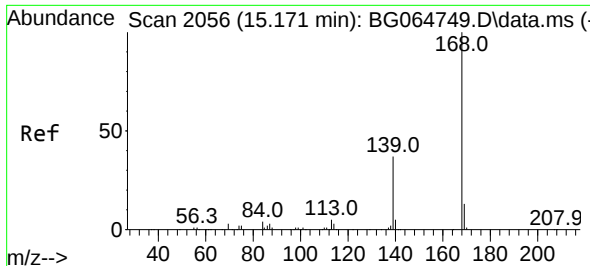
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#53
3-Nitroaniline
Concen: 3.678 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

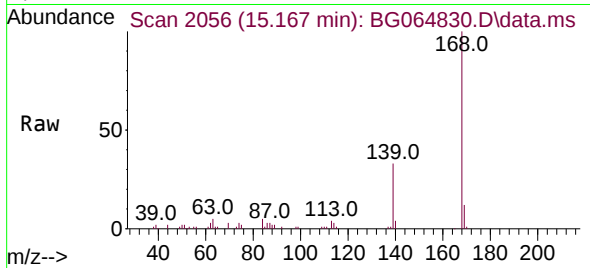
Tgt Ion:138 Resp: 9022
Ion Ratio Lower Upper
138 100
108 6.1 9.5 14.3#
92 115.7 99.0 148.4





#55
Dibenzenofuran
Concen: 4.122 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

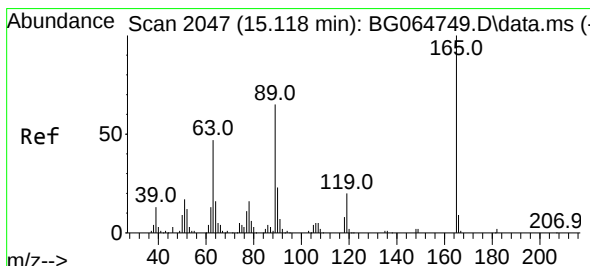
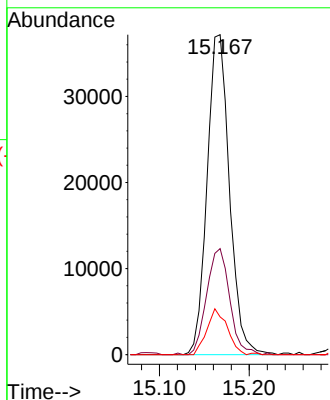
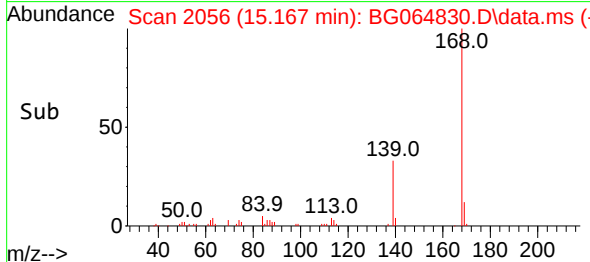
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



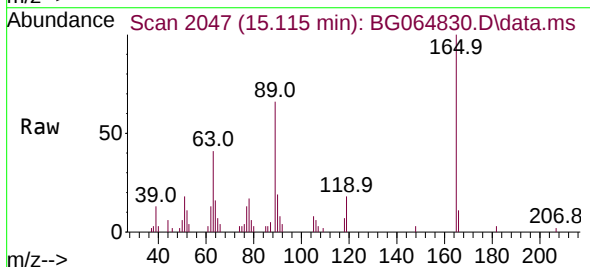
Tgt Ion:168 Resp: 64576
Ion Ratio Lower Upper
168 100
139 33.1 29.5 44.3
169 11.8 10.4 15.6

Manual Integrations
APPROVED

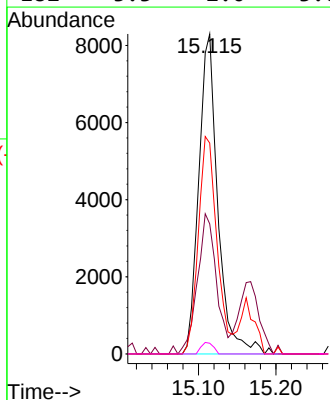
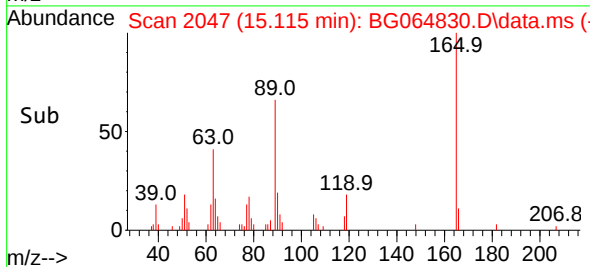
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

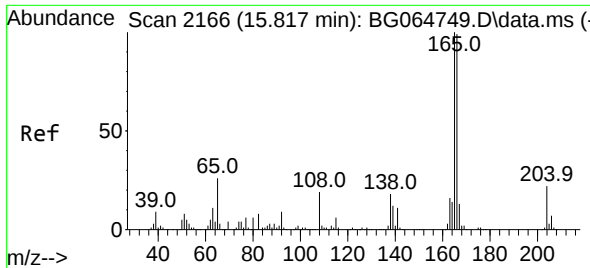


#57
2,4-Dinitrotoluene
Concen: 3.800 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



Tgt Ion:165 Resp: 14159
Ion Ratio Lower Upper
165 100
63 40.6 37.8 56.6
89 65.9 51.6 77.4
182 3.3 2.0 3.0#





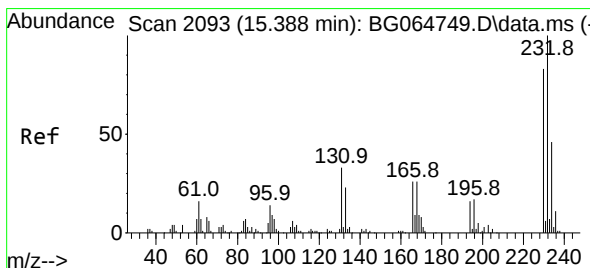
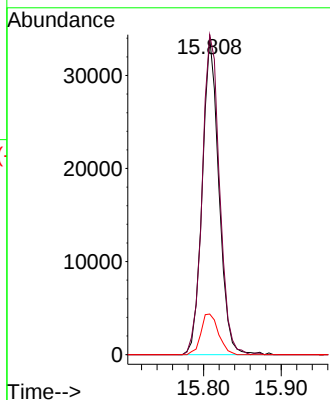
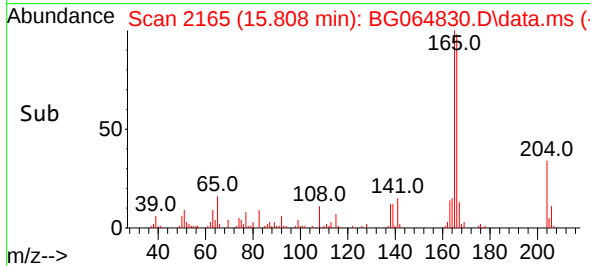
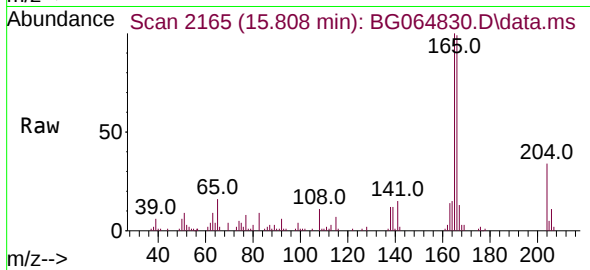
#58
Fluorene
Concen: 4.117 ng
RT: 15.808 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:166 Resp: 5059
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 12.8 10.3 15.5

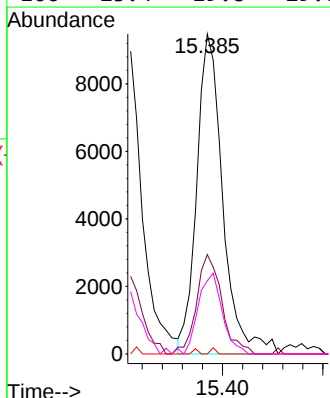
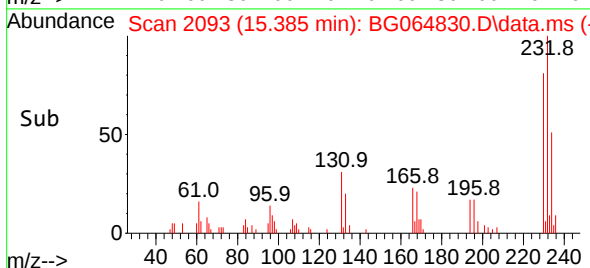
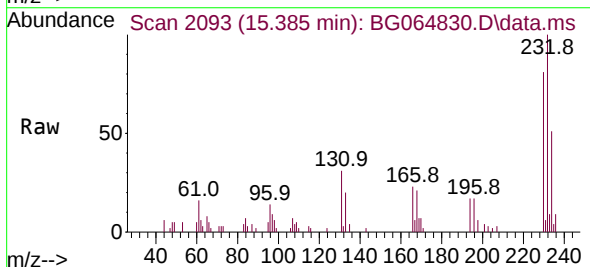
Manual Integrations
APPROVED

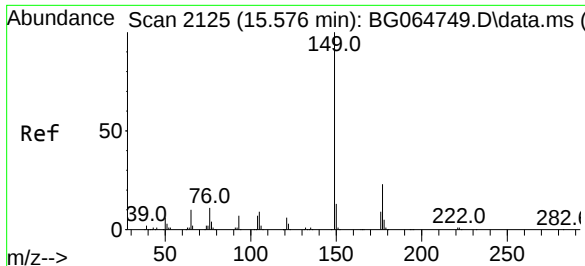
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.120 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:232 Resp: 17029
Ion Ratio Lower Upper
232 100
131 30.1 26.0 39.0
130 0.4 1.6 2.4#
166 23.4 19.8 29.6





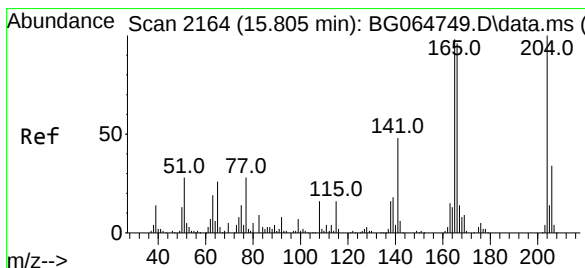
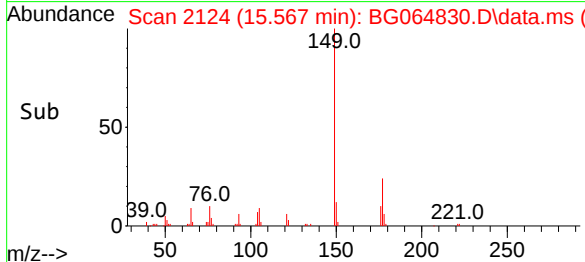
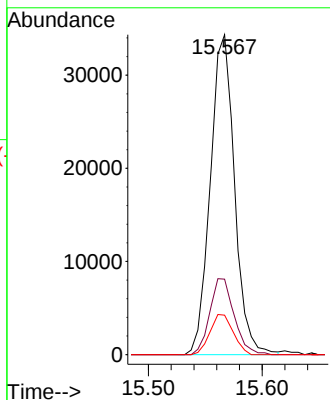
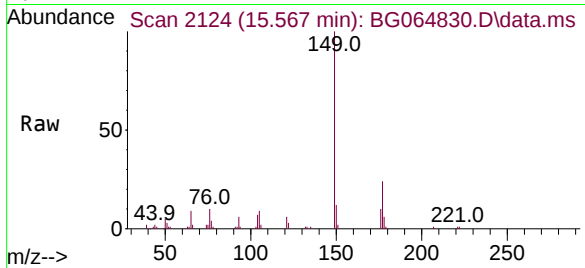
#60
Diethylphthalate
Concen: 4.109 ng
RT: 15.567 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:149 Resp: 5083
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.3 10.1 15.1

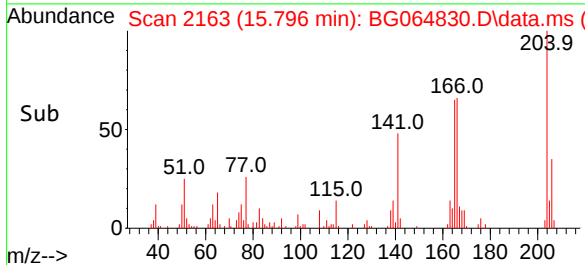
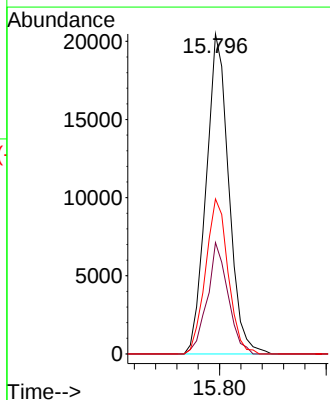
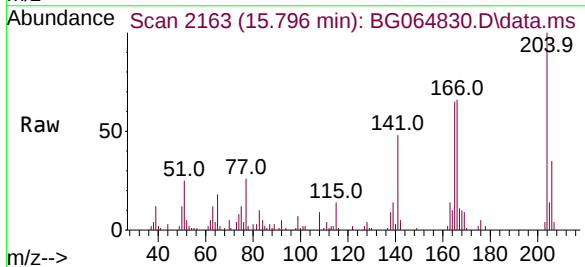
Manual Integrations
APPROVED

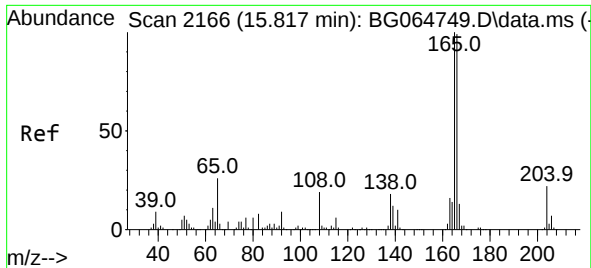
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#61
4-Chlorophenyl-phenylether
Concen: 4.082 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:204 Resp: 30104
Ion Ratio Lower Upper
204 100
206 34.8 26.9 40.3
141 48.4 38.1 57.1





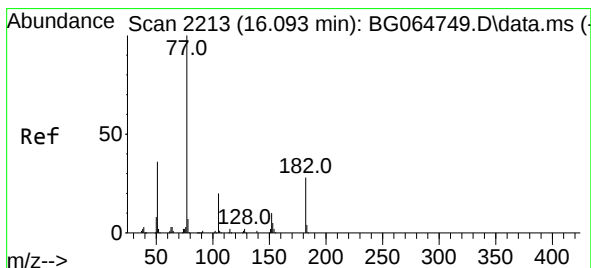
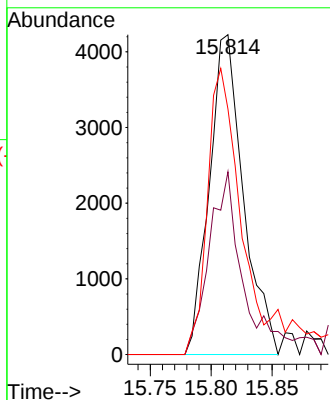
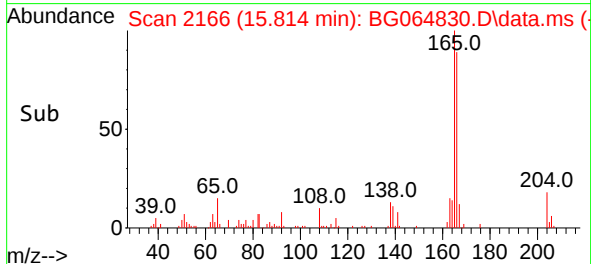
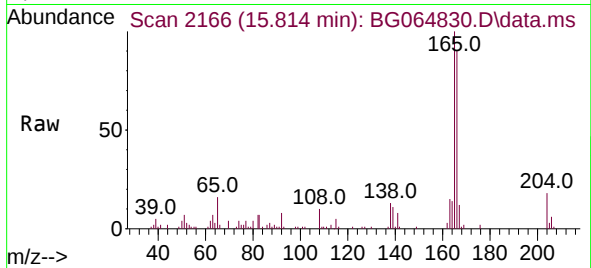
#62
4-Nitroaniline
Concen: 3.234 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:138 Resp: 8219
Ion Ratio Lower Upper
138 100
92 57.1 30.7 70.7
108 76.7 85.7 125.7

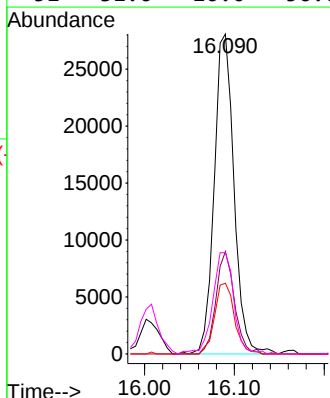
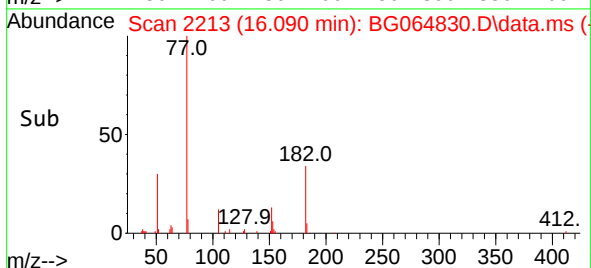
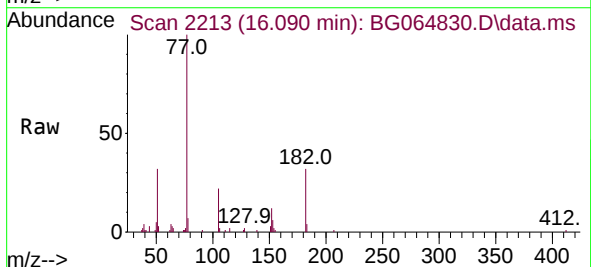
Manual Integrations
APPROVED

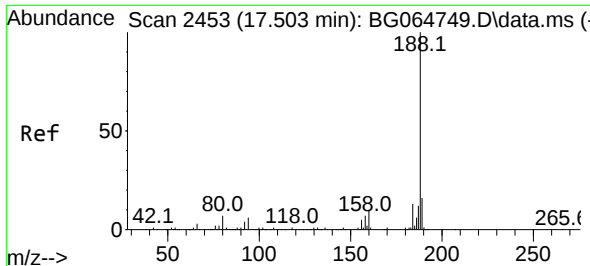
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#63
Azobenzene
Concen: 4.173 ng
RT: 16.090 min Scan# 2213
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

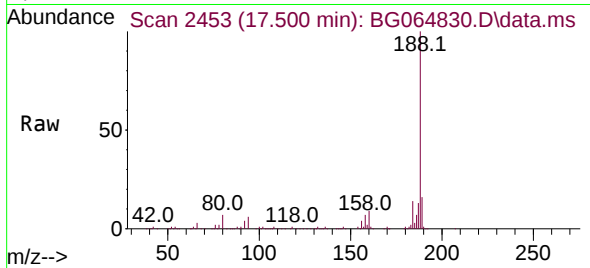
Tgt Ion: 77 Resp: 42947
Ion Ratio Lower Upper
77 100
182 32.0 8.1 48.1
105 22.1 0.1 40.1
51 31.6 16.0 56.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

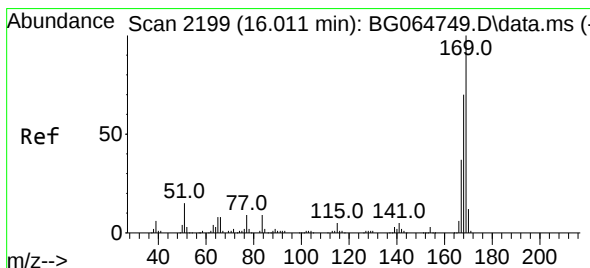
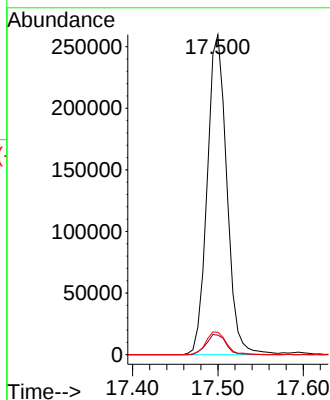
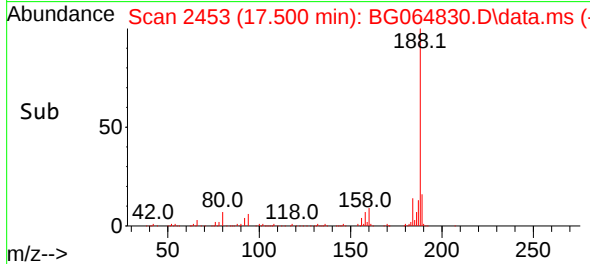
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



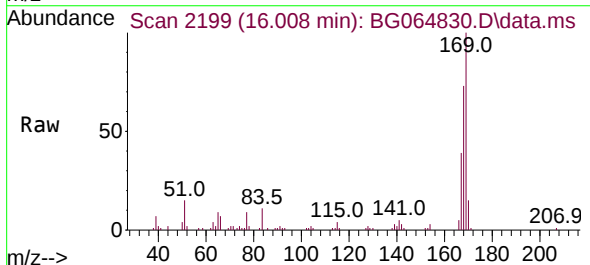
Tgt Ion:188 Resp: 414049
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 7.0 5.4 8.2

Manual Integrations
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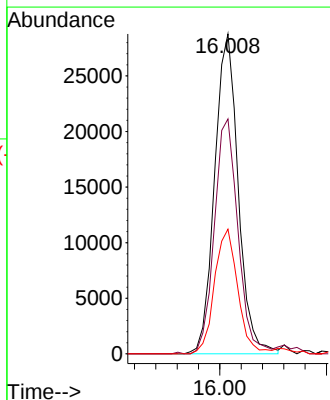
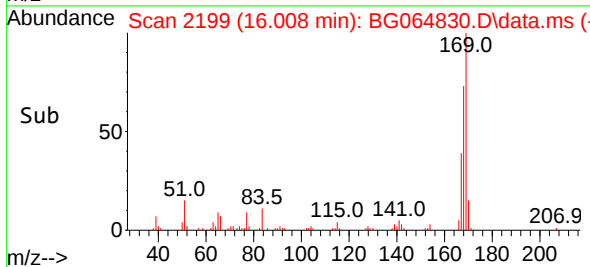
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

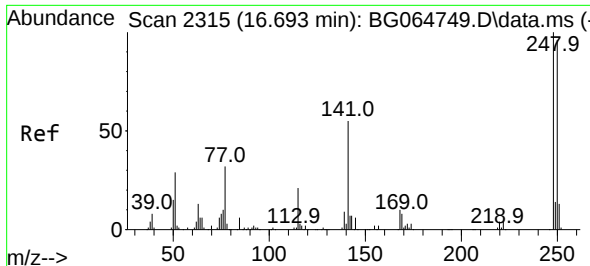


#66
n-Nitrosodiphenylamine
Concen: 4.091 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



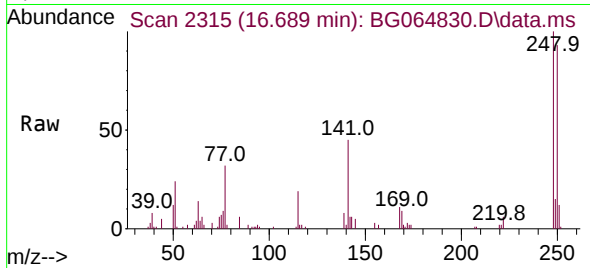
Tgt Ion:169 Resp: 44372
Ion Ratio Lower Upper
169 100
168 73.4 55.9 83.9
167 39.0 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

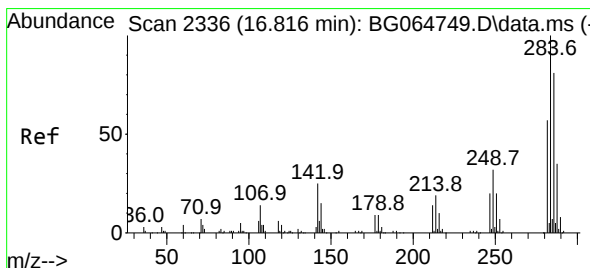
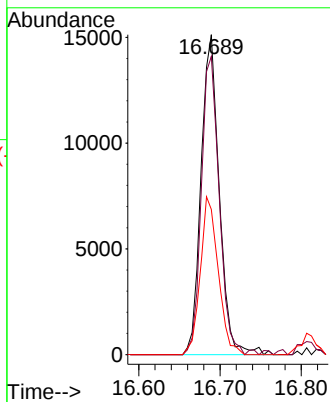
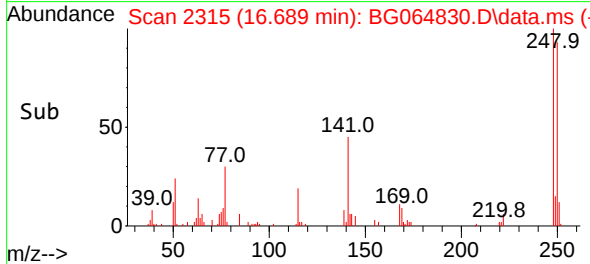
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



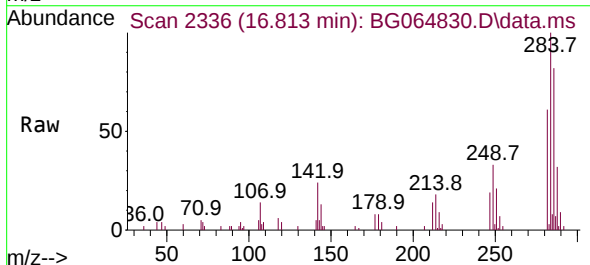
Tgt Ion:248 Resp: 23630
Ion Ratio Lower Upper
248 100
250 93.2 77.0 115.6
141 45.4 43.7 65.5

Manual Integrations
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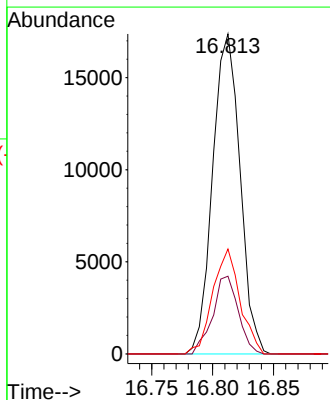
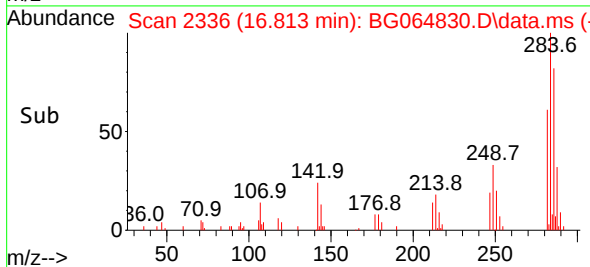
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

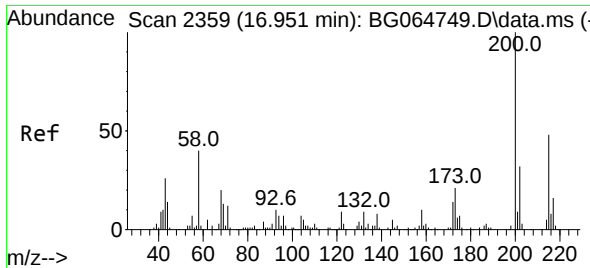


#68
Hexachlorobenzene
Concen: 4.119 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



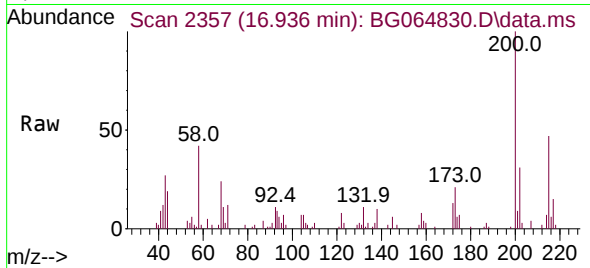
Tgt Ion:284 Resp: 27135
Ion Ratio Lower Upper
284 100
142 24.3 19.7 29.5
249 36.1 28.1 42.1





#69
 Atrazine
 Concen: 3.948 ng
 RT: 16.936 min Scan# 2357
 Delta R.T. -0.015 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

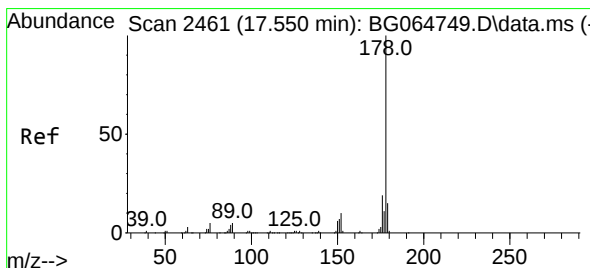
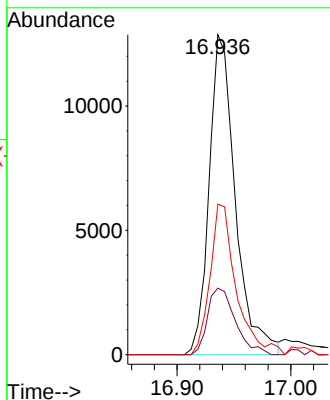
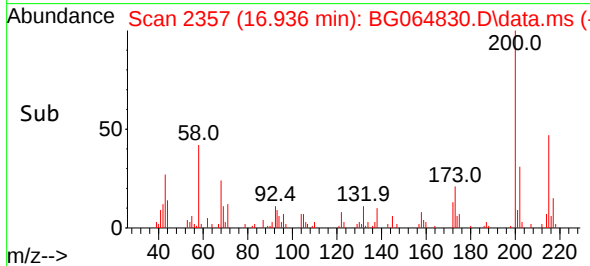
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:200 Resp: 20642
 Ion Ratio Lower Upper
 200 100
 173 20.8 0.9 40.9
 215 47.0 27.5 67.5

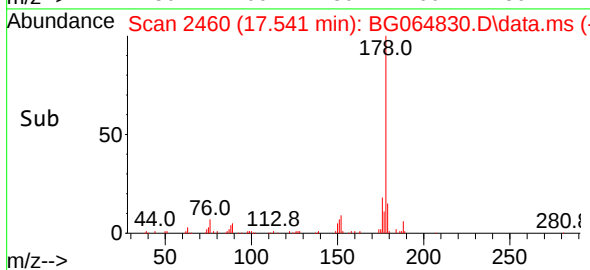
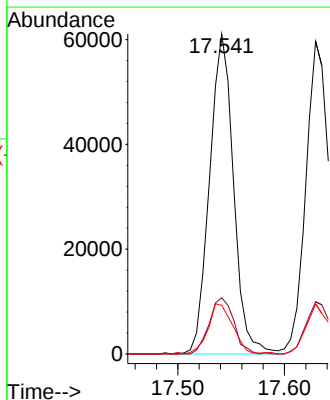
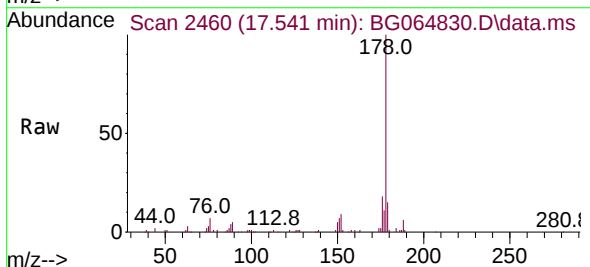
Manual Integrations
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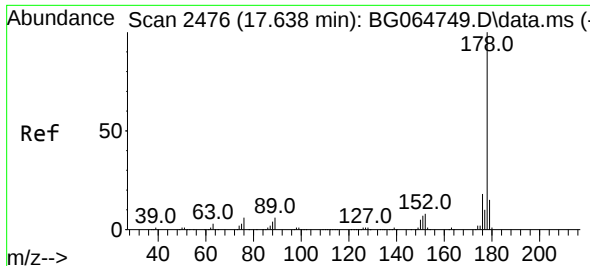
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#71
 Phenanthrene
 Concen: 4.211 ng
 RT: 17.541 min Scan# 2460
 Delta R.T. -0.009 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

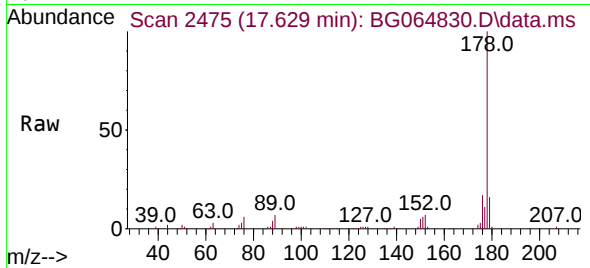
Tgt Ion:178 Resp: 95398
 Ion Ratio Lower Upper
 178 100
 176 17.5 14.8 22.2
 179 15.2 12.2 18.4





#72
 Anthracene
 Concen: 4.050 ng
 RT: 17.629 min Scan# 2476
 Delta R.T. -0.009 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

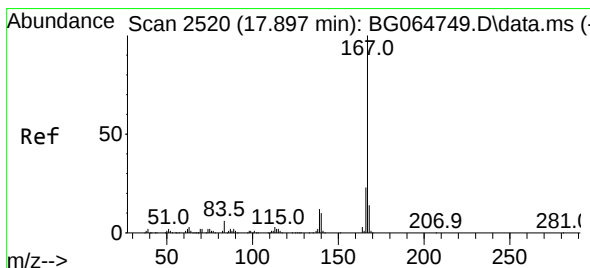
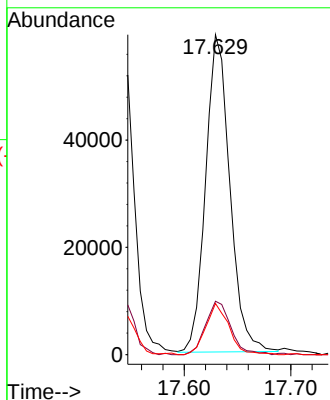
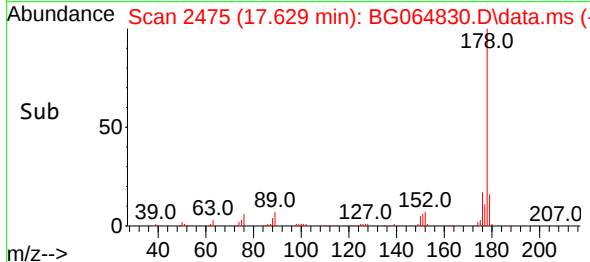
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:178 Resp: 9354
 Ion Ratio Lower Upper
 178 100
 176 16.7 14.5 21.7
 179 16.0 12.2 18.4

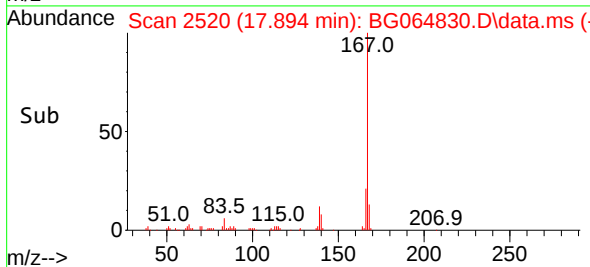
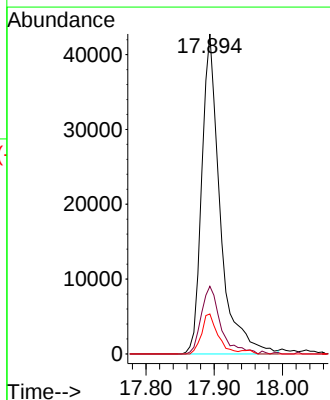
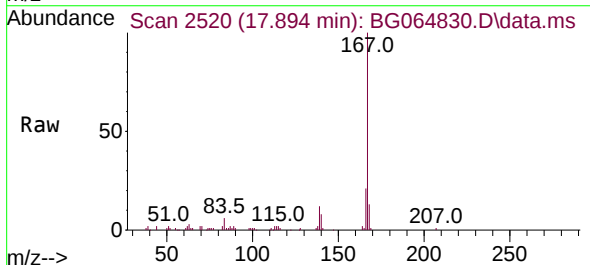
Manual Integrations
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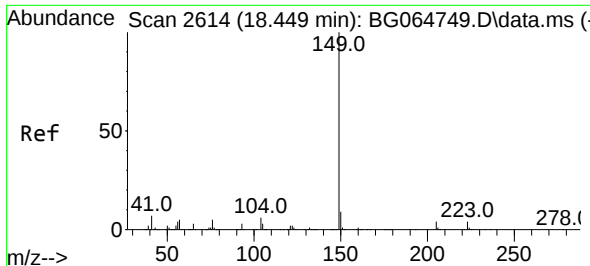
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#73
 Carbazole
 Concen: 4.028 ng
 RT: 17.894 min Scan# 2520
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

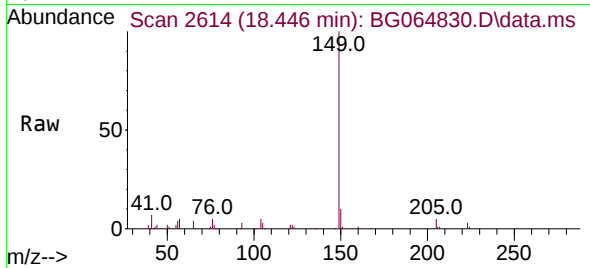
Tgt Ion:167 Resp: 79979
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.0 27.0
 139 12.5 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.164 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

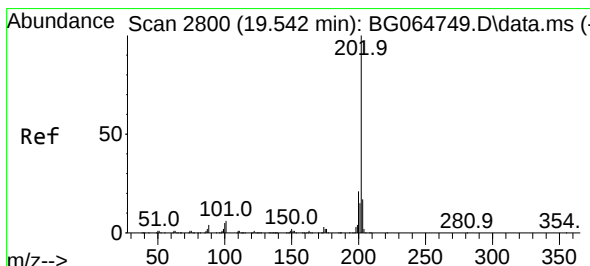
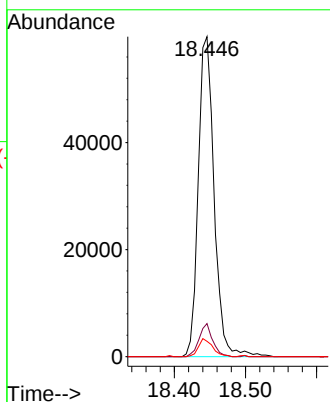
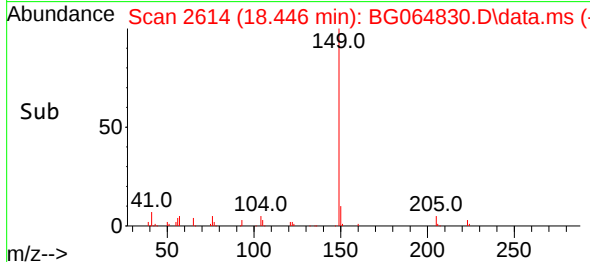
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



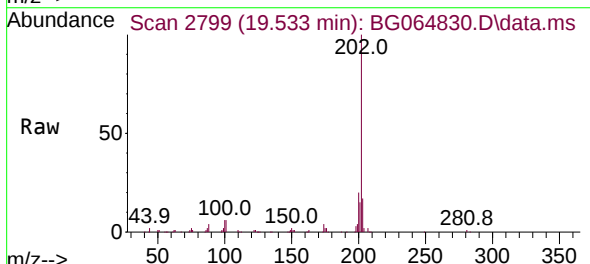
Tgt Ion:149 Resp: 92252
Ion Ratio Lower Upper
149 100
150 10.3 7.5 11.3
104 4.8 4.4 6.6

Manual Integrations
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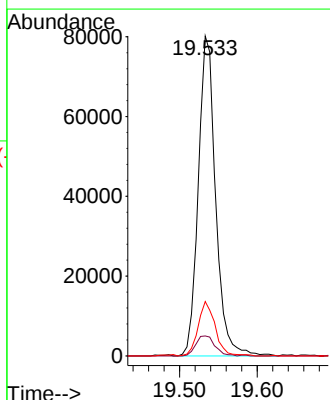
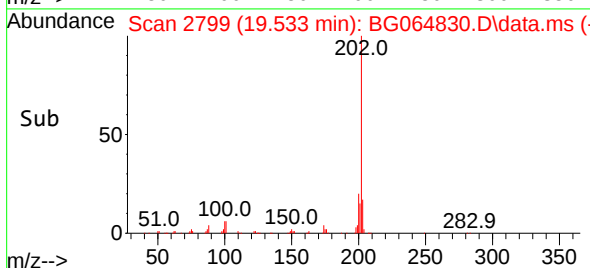
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

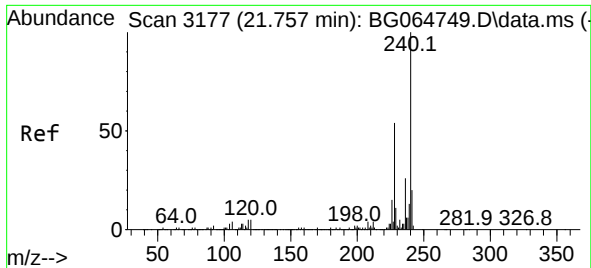


#75
Fluoranthene
Concen: 4.024 ng
RT: 19.533 min Scan# 2799
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



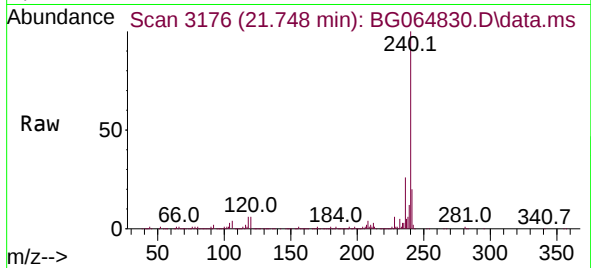
Tgt Ion:202 Resp: 124652
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.4
203 17.0 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

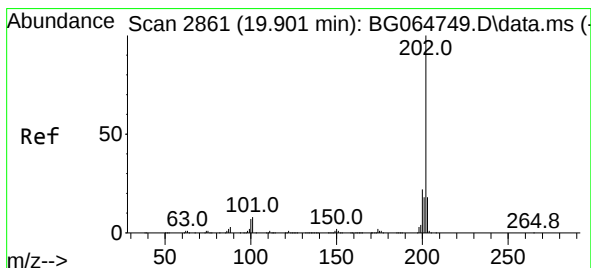
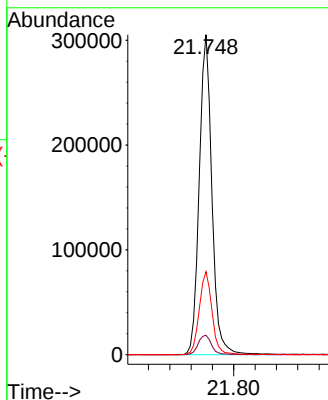
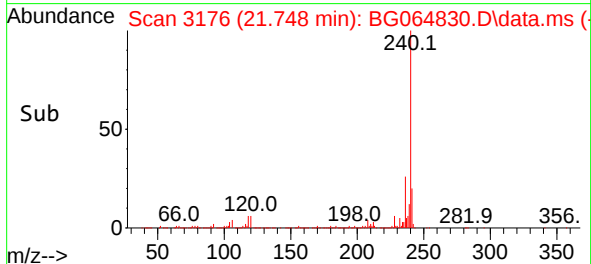
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



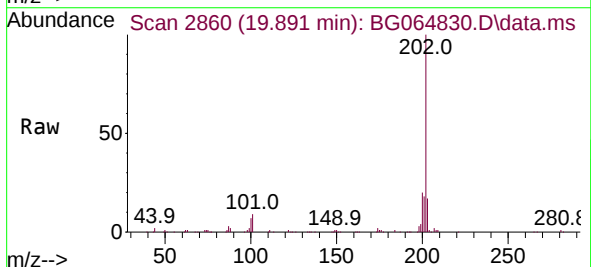
Tgt Ion:240 Resp: 501699
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 25.9 20.8 31.2

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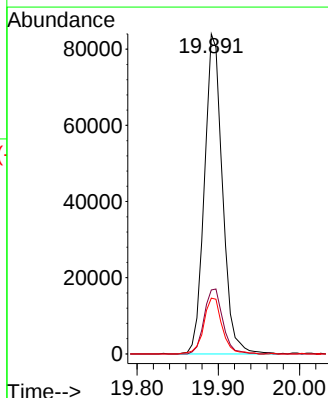
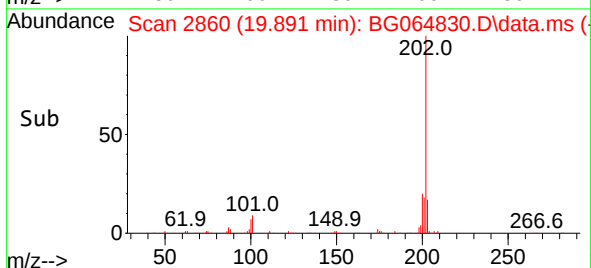
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

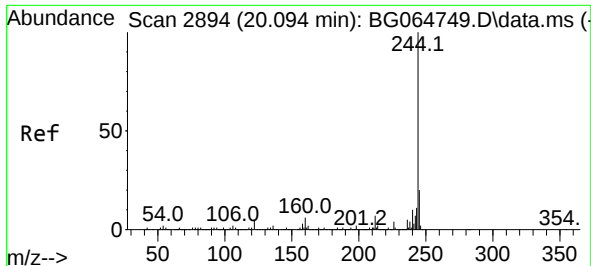


#78
Pyrene
Concen: 4.614 ng
RT: 19.891 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



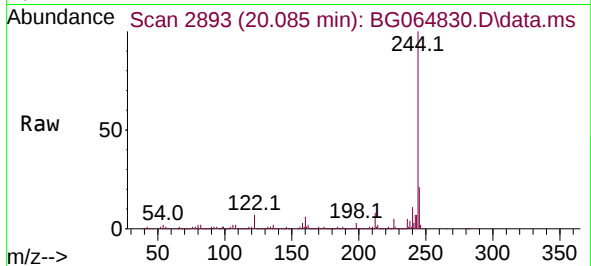
Tgt Ion:202 Resp: 129724
Ion Ratio Lower Upper
202 100
200 20.0 17.9 26.9
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 85.952 ng
 RT: 20.085 min Scan# 2894
 Delta R.T. -0.009 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

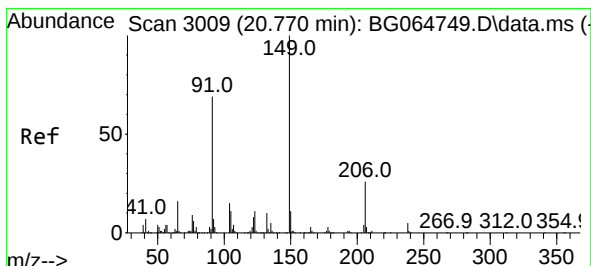
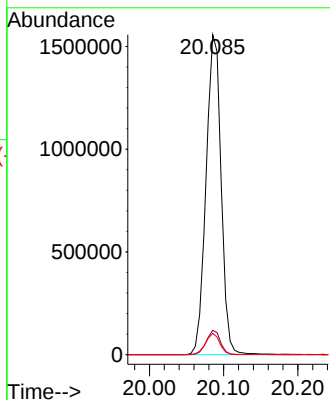
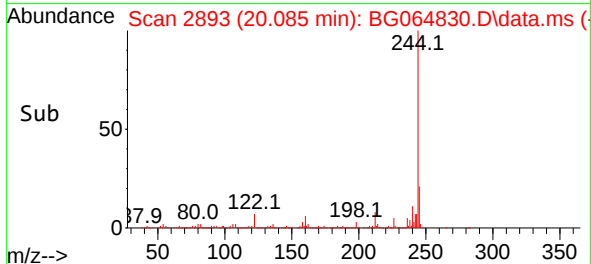
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:244 Resp: 2192173
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.6 4.3 6.5

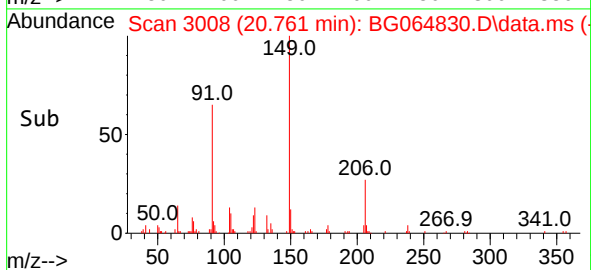
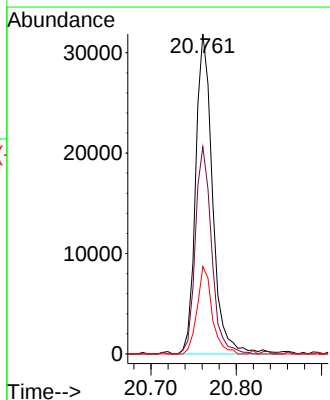
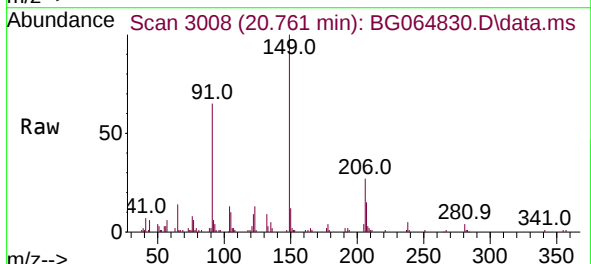
Manual Integrations
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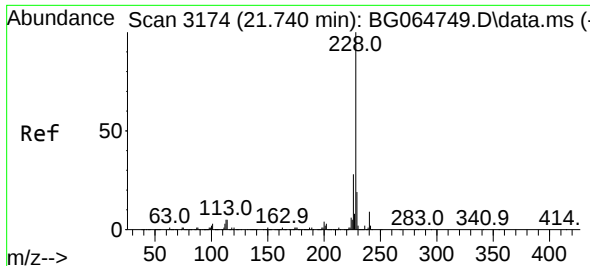
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#80
 Butylbenzylphthalate
 Concen: 4.434 ng
 RT: 20.761 min Scan# 3008
 Delta R.T. -0.009 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

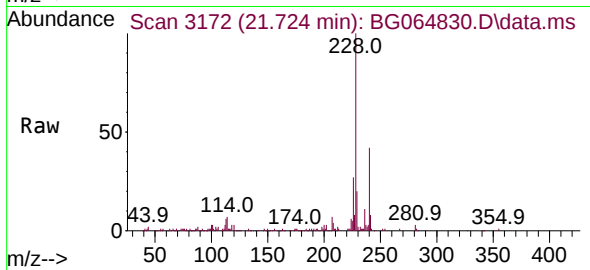
Tgt Ion:149 Resp: 43852
 Ion Ratio Lower Upper
 149 100
 91 64.7 54.9 82.3
 206 27.3 21.2 31.8





#81
Benzo(a)anthracene
Concen: 4.062 ng
RT: 21.724 min Scan# 3172
Delta R.T. -0.015 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

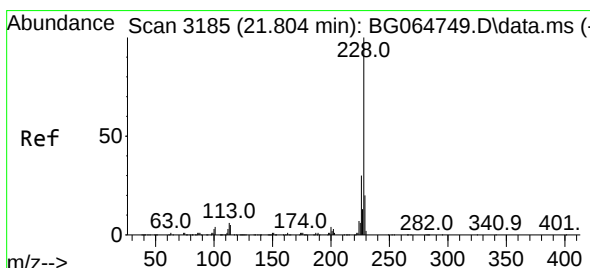
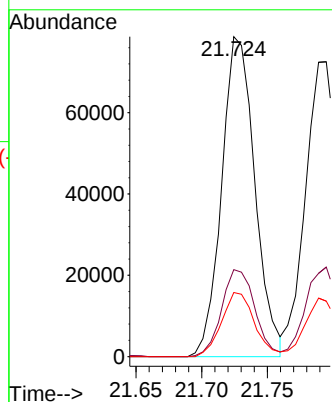
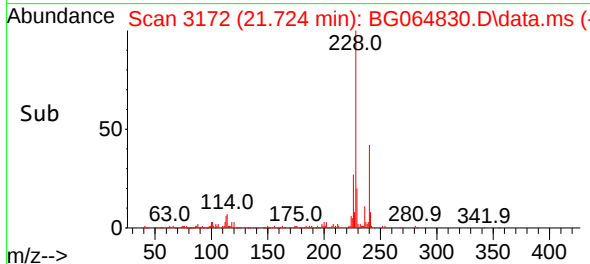
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:228 Resp: 138561
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.0 15.5 23.3

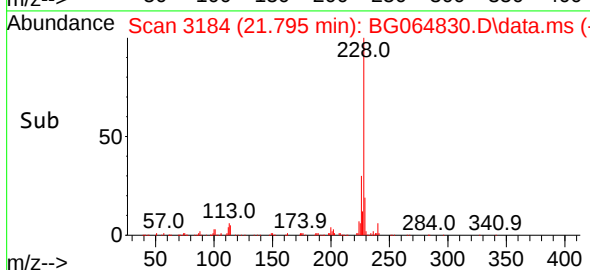
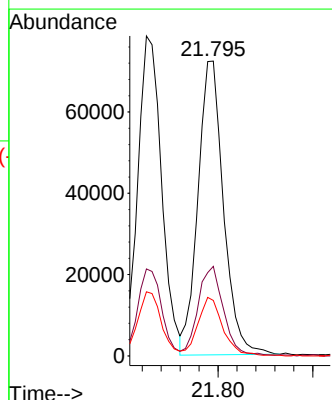
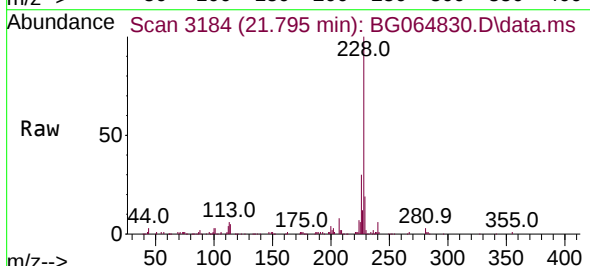
Manual Integrations
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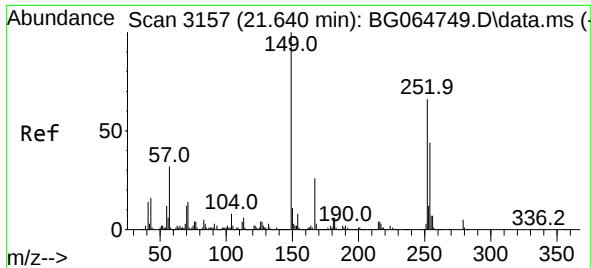
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#83
Chrysene
Concen: 4.214 ng
RT: 21.795 min Scan# 3184
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

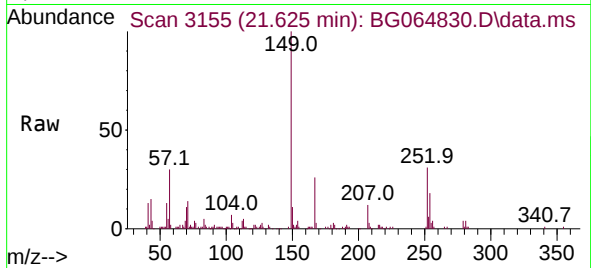
Tgt Ion:228 Resp: 135518
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 18.8 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.482 ng
RT: 21.625 min Scan# 3155
Delta R.T. -0.015 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

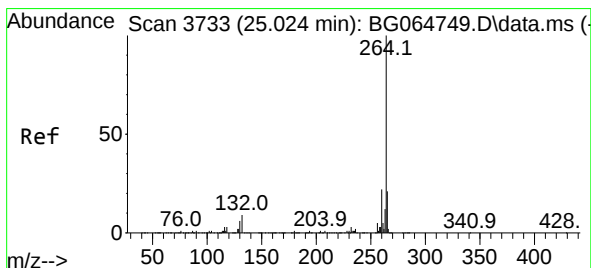
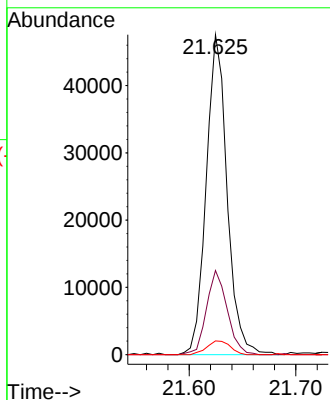
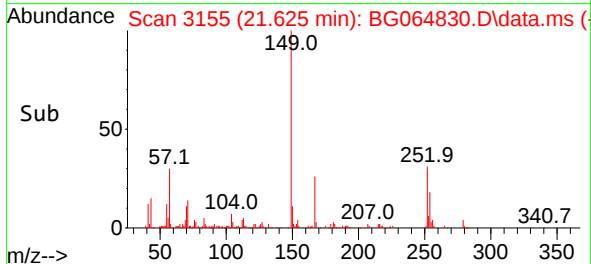
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:149 Resp: 64771
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.3 4.1 6.1

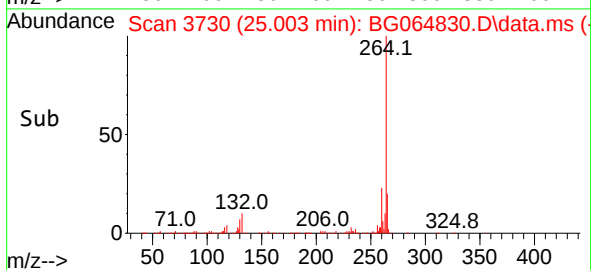
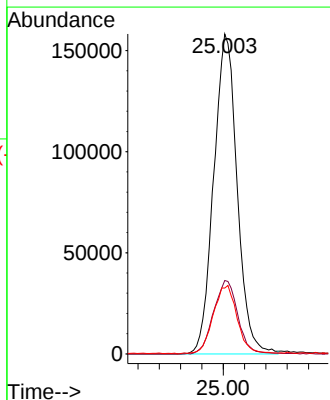
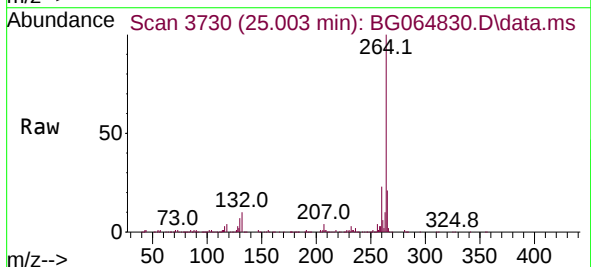
Manual Integrations
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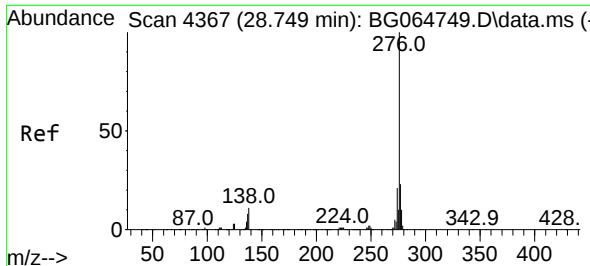
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

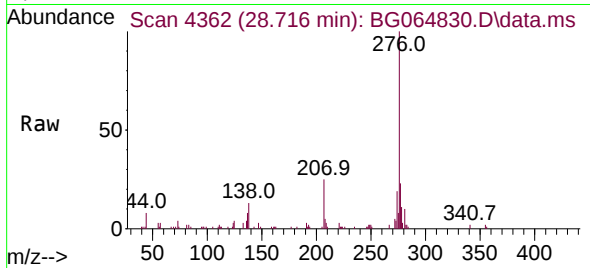
Tgt Ion:264 Resp: 481889
Ion Ratio Lower Upper
264 100
260 22.9 17.2 25.8
265 20.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.929 ng
RT: 28.716 min Scan# 4367
Delta R.T. -0.033 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

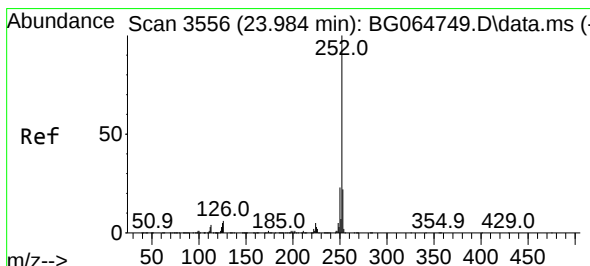
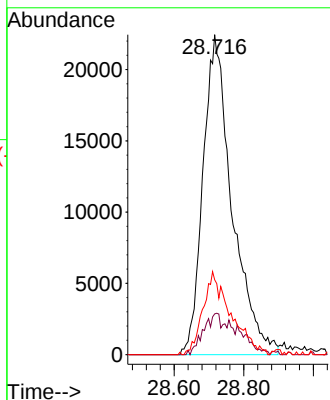
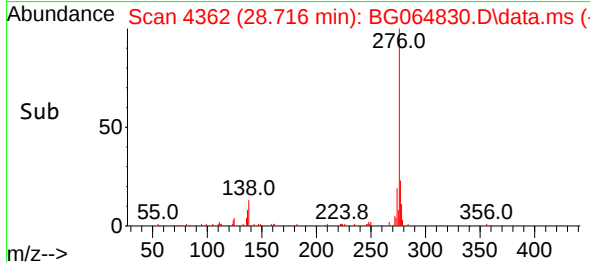
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:276 Resp: 130095
Ion Ratio Lower Upper
276 100
138 8.0 4.5 6.7
277 24.8 20.0 30.0

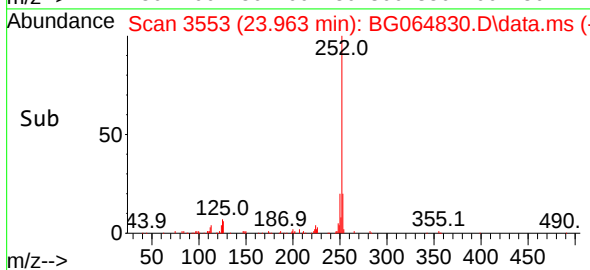
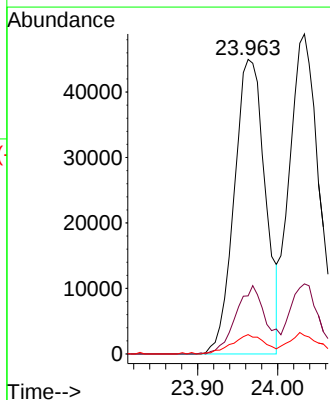
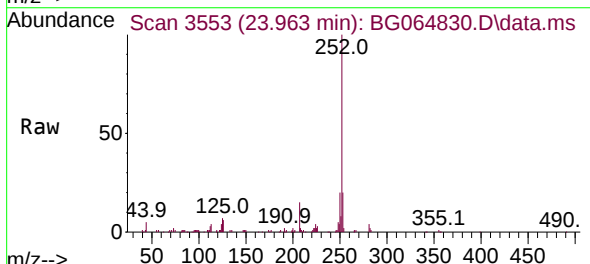
Manual Integrations
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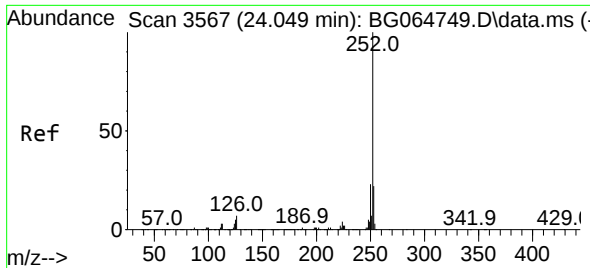
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#88
Benzo(b)fluoranthene
Concen: 3.951 ng m
RT: 23.963 min Scan# 3553
Delta R.T. -0.021 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

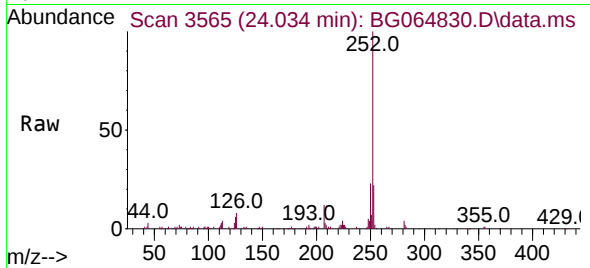
Tgt Ion:252 Resp: 121178
Ion Ratio Lower Upper
252 100
253 19.7 17.4 26.2
125 6.6 4.2 6.2#





#89
Benzo(k)fluoranthene
Concen: 4.179 ng
RT: 24.034 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

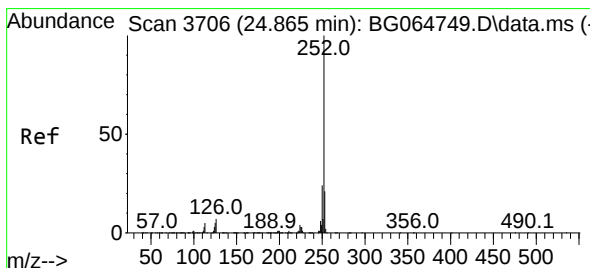
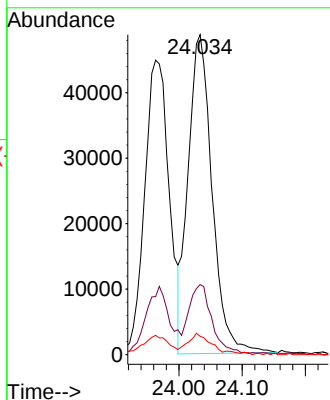
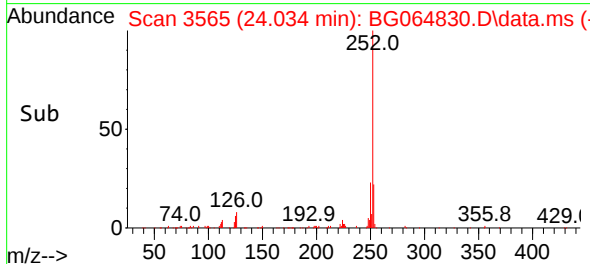
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



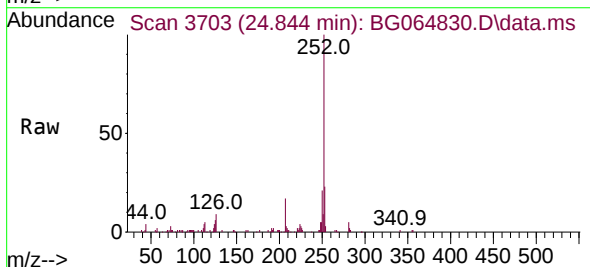
Tgt Ion:252 Resp: 128765
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.7 4.1 6.1

Manual Integrations
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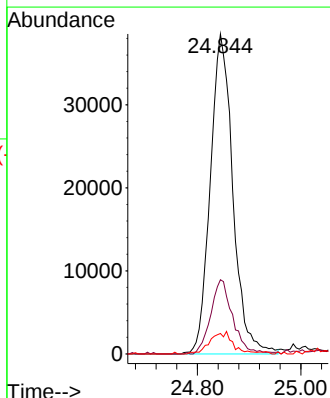
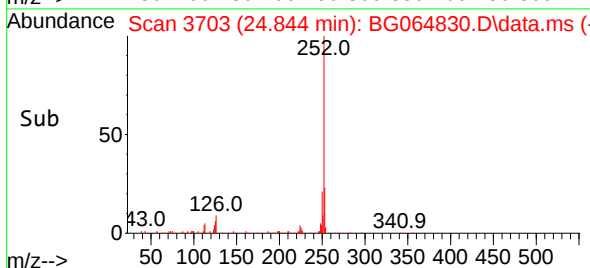
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

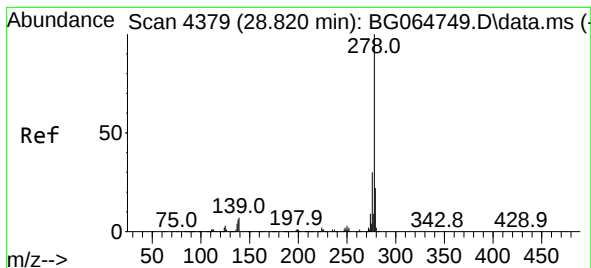


#90
Benzo(a)pyrene
Concen: 4.117 ng
RT: 24.844 min Scan# 3703
Delta R.T. -0.021 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



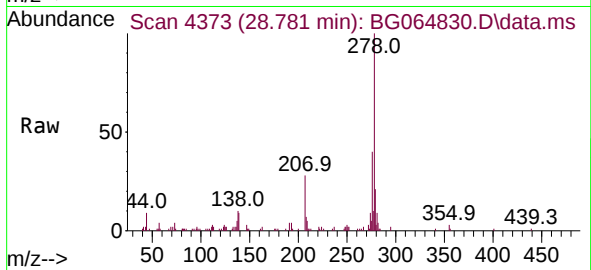
Tgt Ion:252 Resp: 117121
Ion Ratio Lower Upper
252 100
253 23.2 16.9 25.3
125 6.4 4.2 6.4#





#91
Dibenzo(a,h)anthracene
Concen: 3.848 ng
RT: 28.781 min Scan# 4379
Delta R.T. -0.039 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

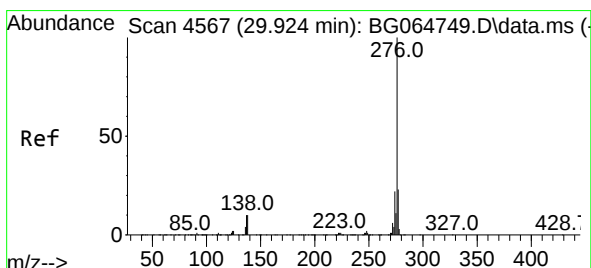
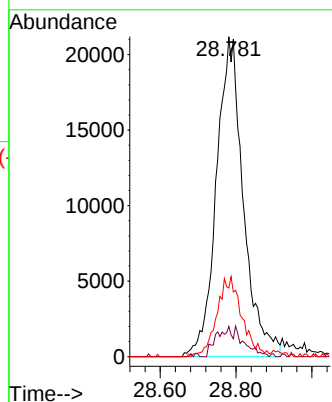
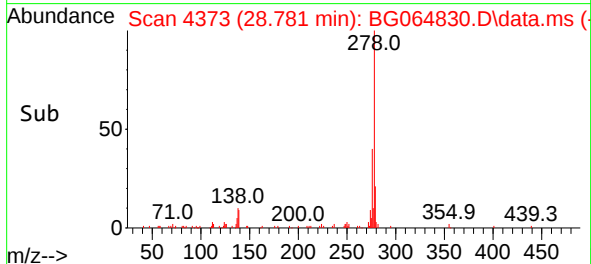
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025



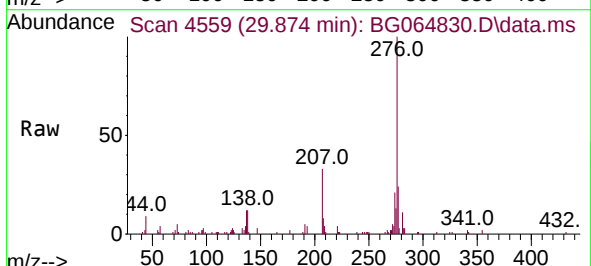
Tgt Ion:278 Resp: 10437
Ion Ratio Lower Upper
278 100
139 9.4 5.8 8.8
279 21.4 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#92
Benzo(g,h,i)perylene
Concen: 3.861 ng
RT: 29.874 min Scan# 4559
Delta R.T. -0.050 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12



Tgt Ion:276 Resp: 100780
Ion Ratio Lower Upper
276 100
277 24.1 18.0 27.0
138 12.4 8.2 12.2

