

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-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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
4) n-Nitrosodimethylamine	3.845	42	5849	3.807	ng	# 74
6) Aniline	7.476	93	19640	4.233	ng	94
8) 2-Chlorophenol	7.723	128	12444	4.330	ng	92
9) Benzaldehyde	7.288	77	11238	4.932	ng	96
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
15) Benzyl Alcohol	8.393	79	10646	3.726	ng	100
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
20) 3+4-Methylphenols	8.916	107	14376	3.916	ng	90
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
32) Benzoic acid	10.332	122	602	6.131	ng	# 62
33) 4-Chloroaniline	11.131	127	16755	4.014	ng	97
34) Hexachlorobutadiene	11.319	225	13388	4.004	ng	97
35) Caprolactam	11.860	113	3374	3.495	ng	# 61
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
41) Hexachlorocyclopentadiene	12.970	237	11422	2.504	ng	94
43) 2,4,6-Trichlorophenol	13.287	196	16363	4.381	ng	95

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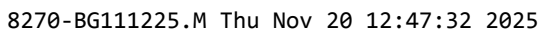
Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT4-2025

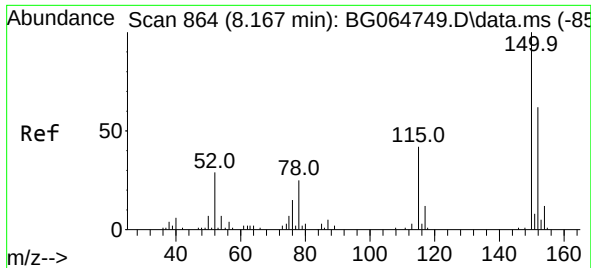
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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
52) Acenaphthene	14.833	154	37370	3.943	ng	97
53) 3-Nitroaniline	14.662	138	9022	3.678	ng	# 92
54) 2,4-Dinitrophenol	14.880	184	1227	9.227	ng	# 88
55) Dibenzofuran	15.167	168	64576	4.122	ng	95
56) 4-Nitrophenol	14.968	139	4645	2.387	ng	94
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
65) 4,6-Dinitro-2-methylph...	15.872	198	5486	2.386	ng	86
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
70) Pentachlorophenol	17.153	266	8571	8.173	ng	# 84
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
77) Benzidine	19.703	184	58298	3.880	ng	97
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
82) 3,3'-Dichlorobenzidine	21.636	252	49226	3.920	ng	93
83) Chrysene	21.795	228	135518	4.214	ng	99
84) Bis(2-ethylhexyl)phtha...	21.625	149	64771	4.482	ng	99
85) Di-n-octyl phthalate	22.847	149	101827	4.076	ng	97
87) Indeno(1,2,3-cd)pyrene	28.716	276	130095	3.929	ng	# 98
88) Benzo(b)fluoranthene	24.034	252	128765	4.199	ng	100
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

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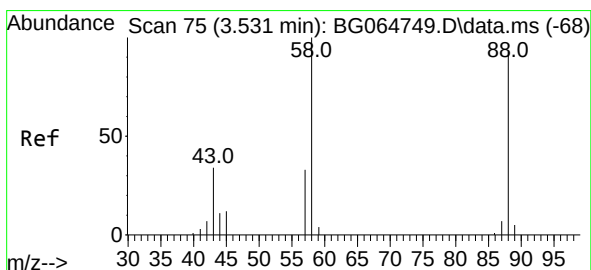
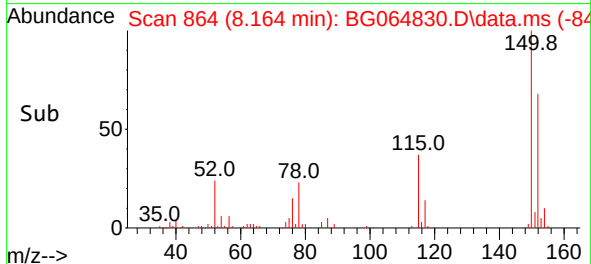
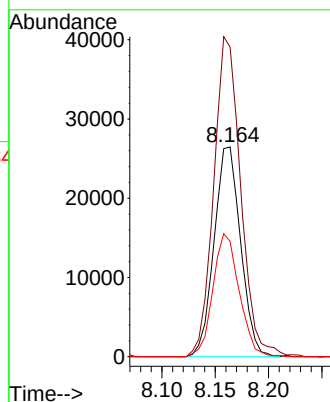
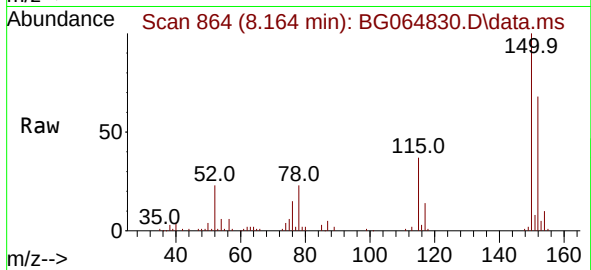




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

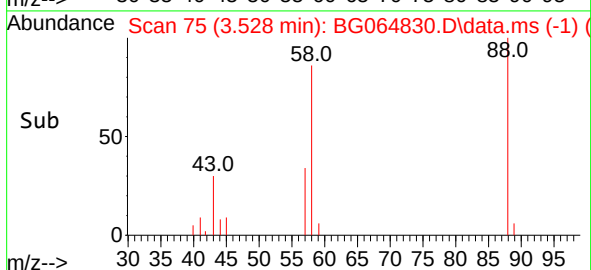
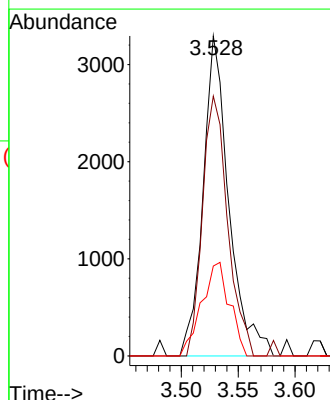
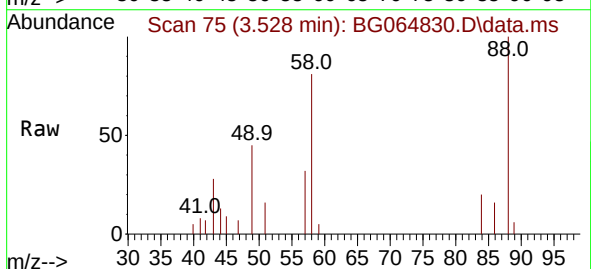
Instrument :
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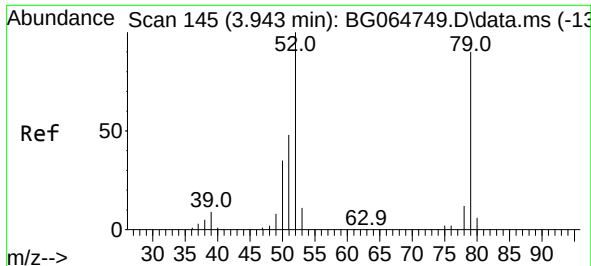
Tgt Ion:152 Resp: 45702
 Ion Ratio Lower Upper
 152 100
 150 147.6 129.2 193.8
 115 54.9 53.7 80.5



#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

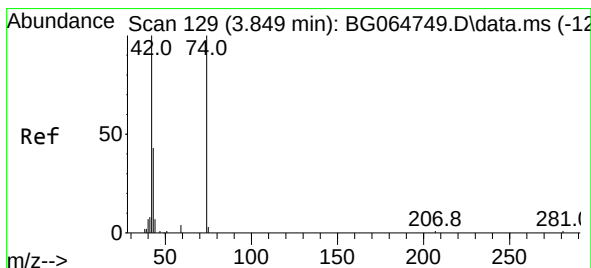
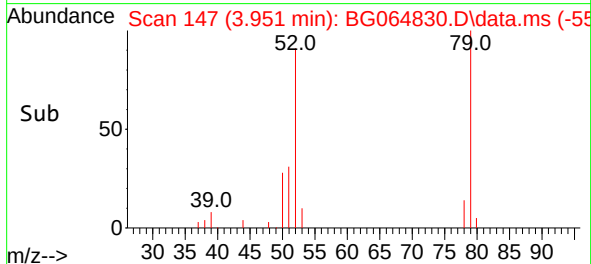
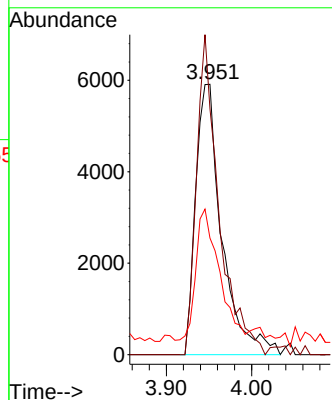
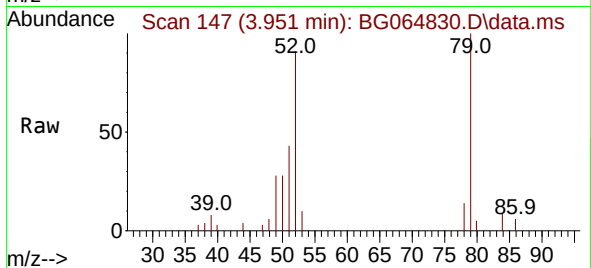
Tgt Ion: 79 Resp: 12599

Ion Ratio Lower Upper

79 100

52 90.9 89.0 133.4

51 43.2 43.4 65.0#



#4

n-Nitrosodimethylamine

Concen: 3.807 ng

RT: 3.845 min Scan# 129

Delta R.T. -0.003 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

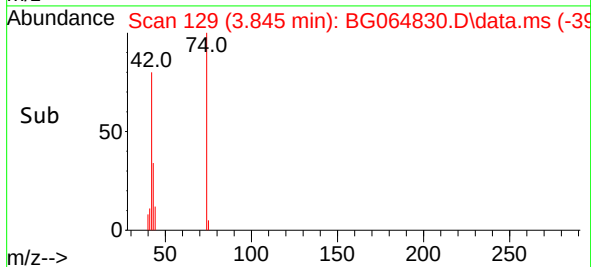
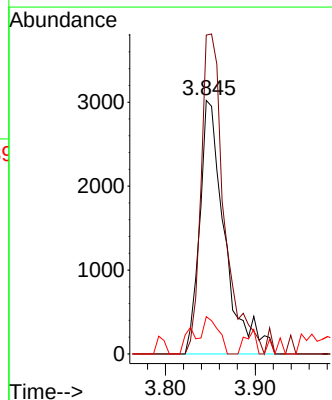
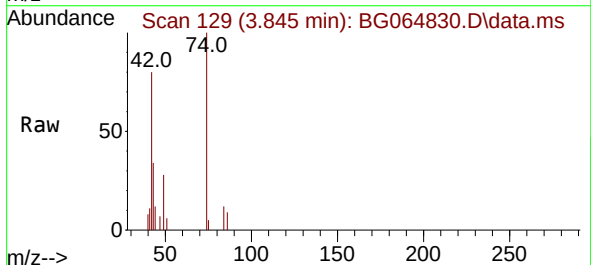
Tgt Ion: 42 Resp: 5849

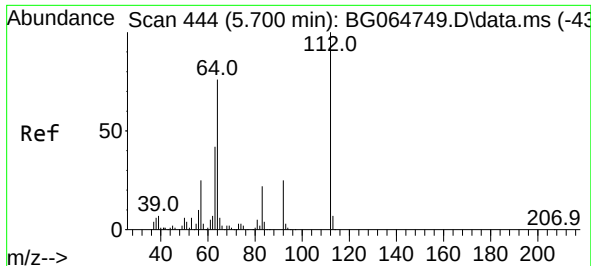
Ion Ratio Lower Upper

42 100

74 125.7 79.8 119.6#

44 14.7 5.9 8.9#

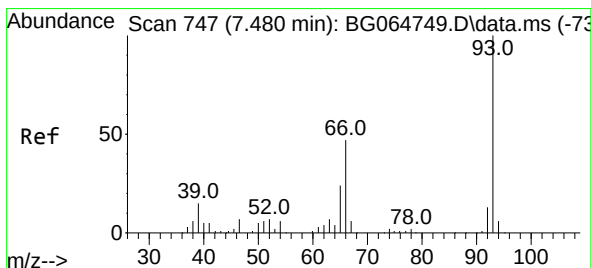
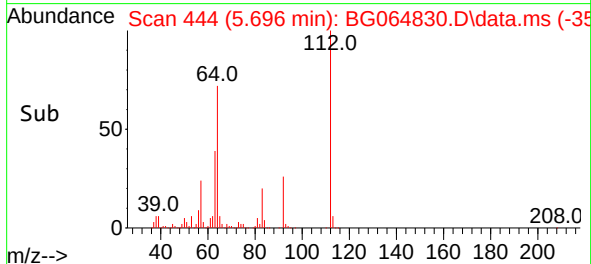
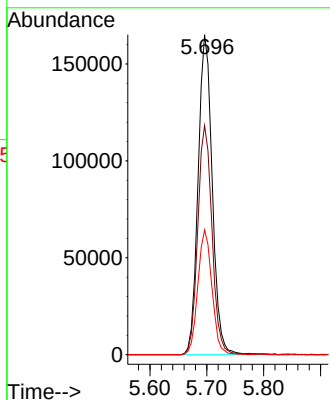
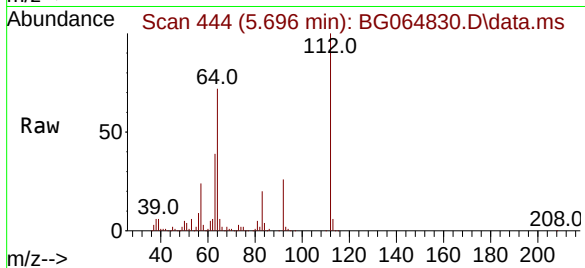




#5
2-Fluorophenol
Concen: 109.399 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

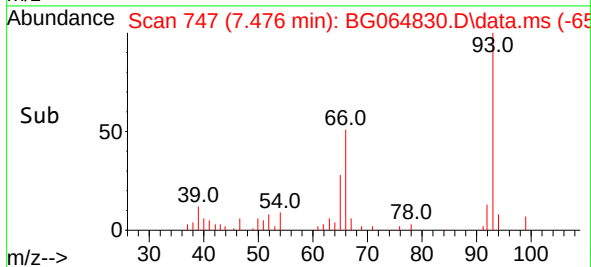
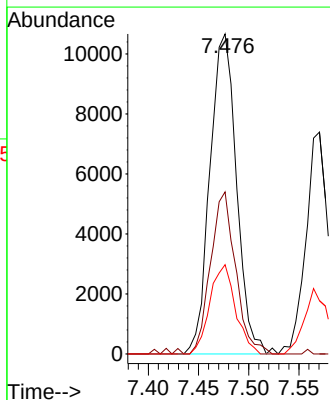
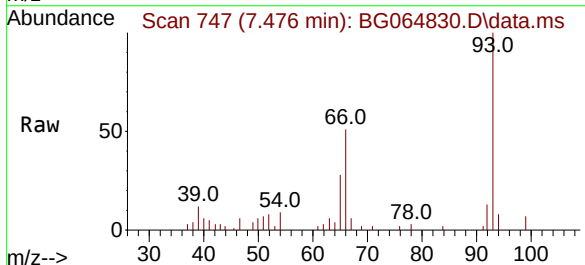
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2025

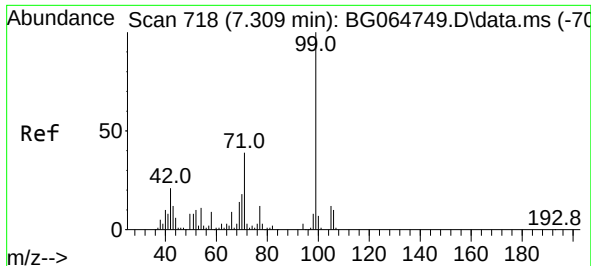
Tgt Ion:112 Resp: 286320
Ion Ratio Lower Upper
112 100
64 71.6 61.0 91.4
63 39.0 33.3 49.9



#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

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

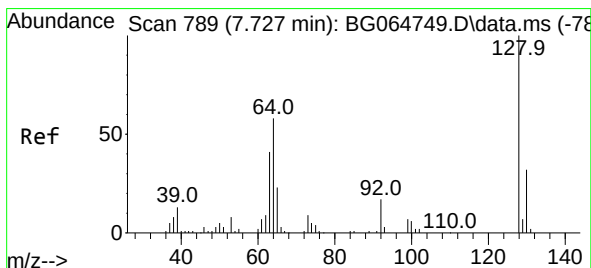
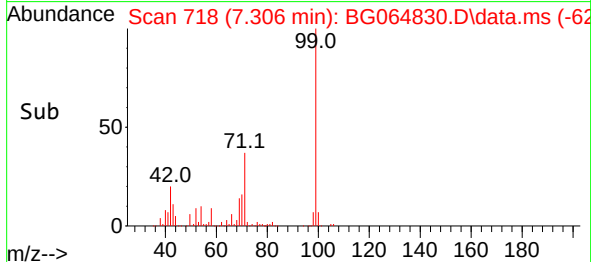
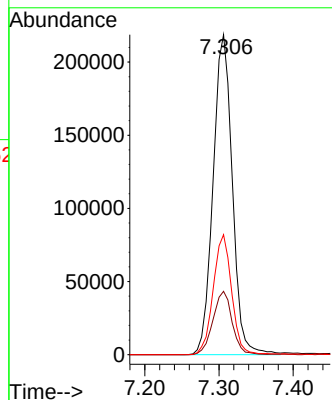
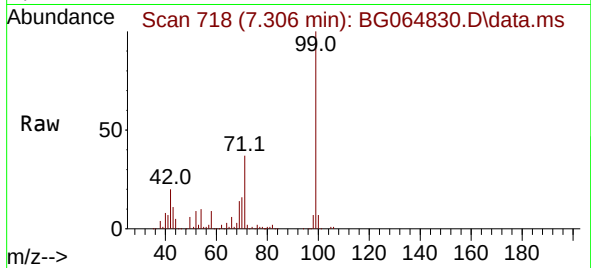




#7
Phenol-d6
Concen: 113.155 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

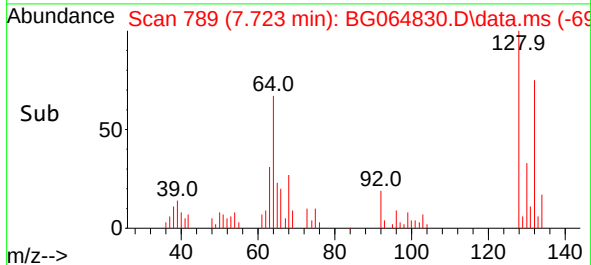
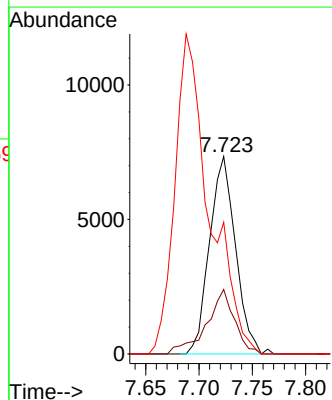
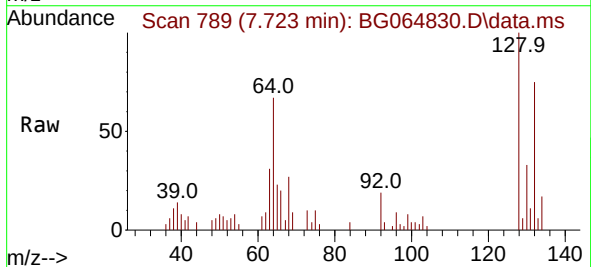
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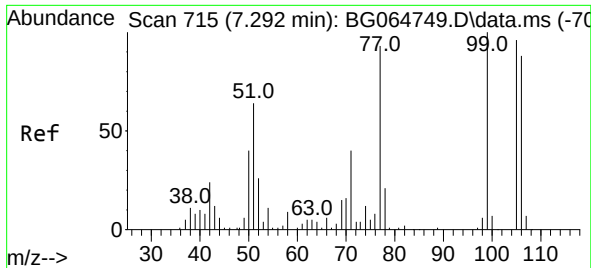
Tgt Ion: 99 Resp: 393891
Ion Ratio Lower Upper
99 100
42 19.8 16.8 25.2
71 37.5 31.1 46.7



#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

Tgt Ion: 128 Resp: 12444
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 66.7 38.4 78.4

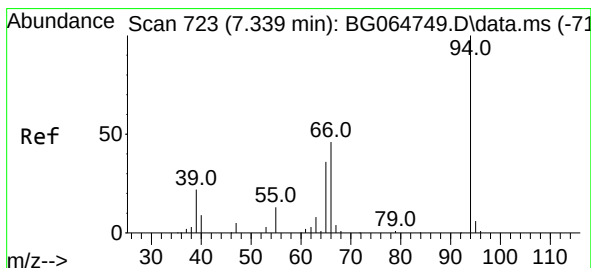
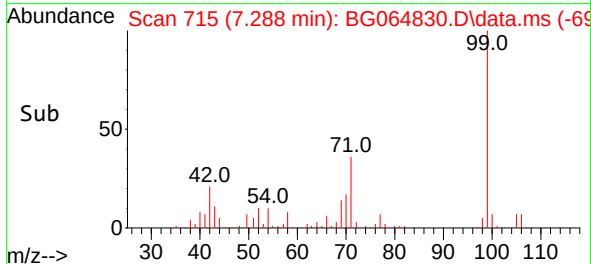
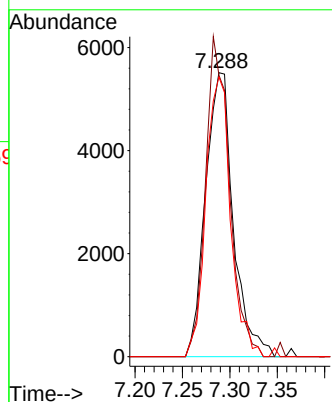
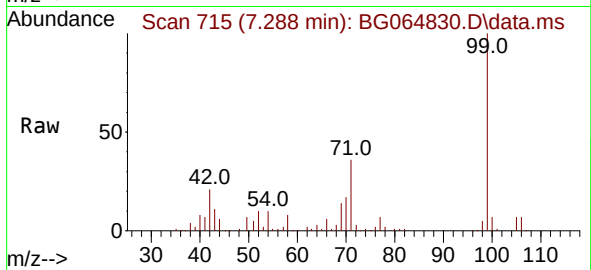




#9
Benzaldehyde
Concen: 4.932 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

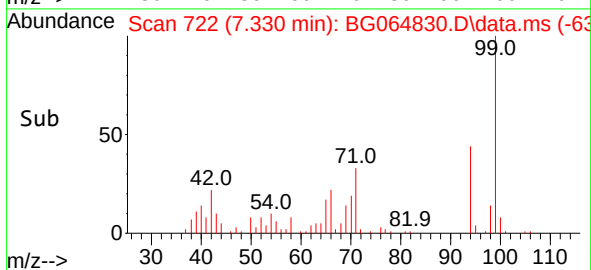
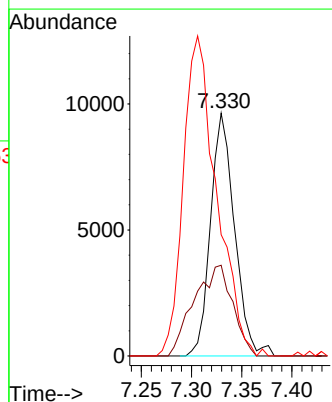
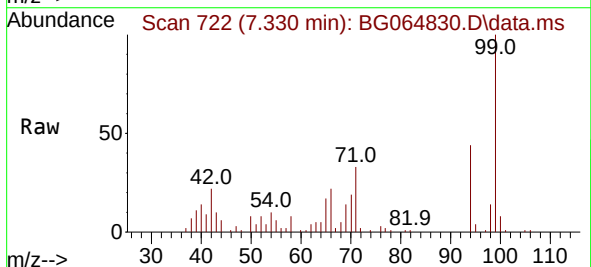
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ClientSampleId :
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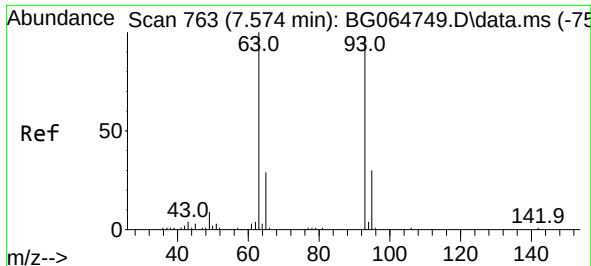
Tgt Ion:	77	Resp:	11238
Ion	Ratio	Lower	Upper
77	100		
105	99.2	83.8	123.8
106	98.5	74.3	114.3



#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

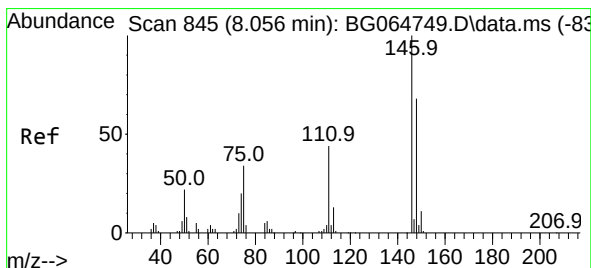
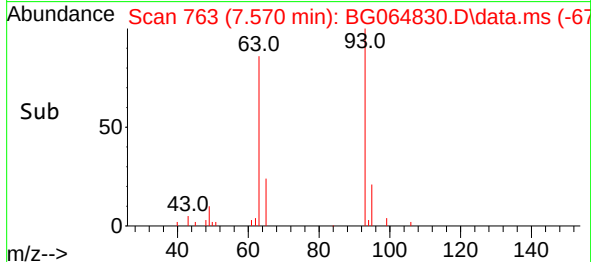
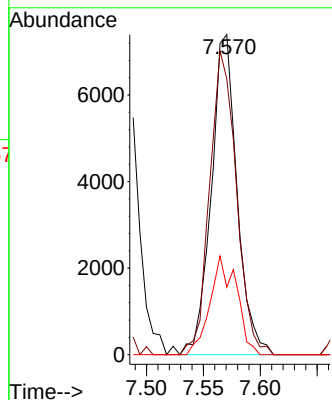
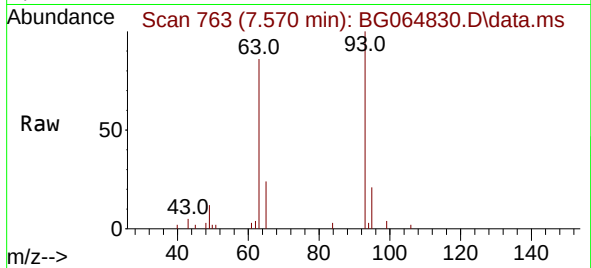




#11
 bis(2-Chloroethyl)ether
 Concen: 4.345 ng
 RT: 7.570 min Scan# 763
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

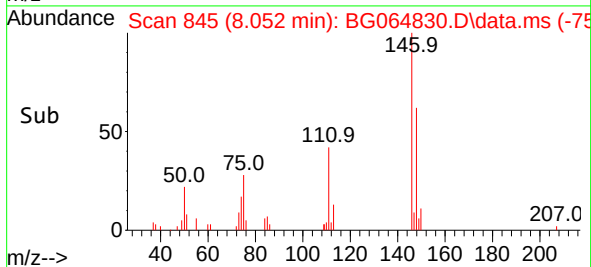
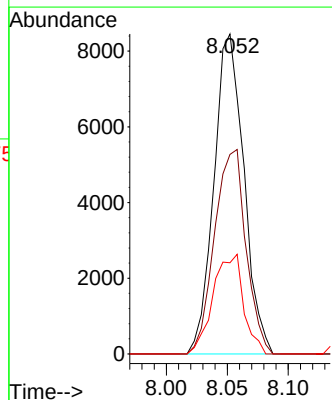
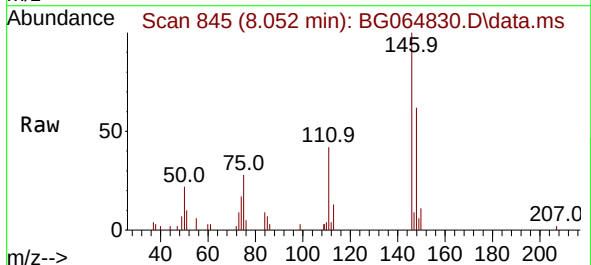
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

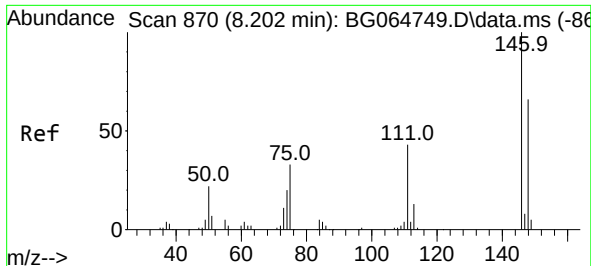
Tgt Ion: 93	Resp: 11710
Ion Ratio	Lower Upper
93 100	
63 86.3	81.8 121.8
95 21.1	10.3 50.3



#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

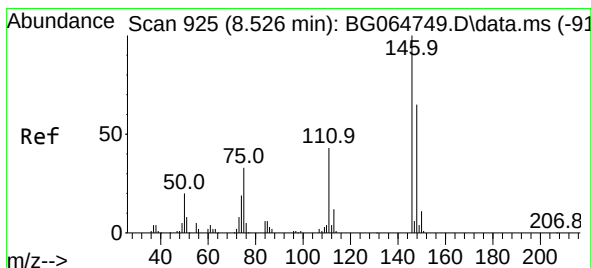
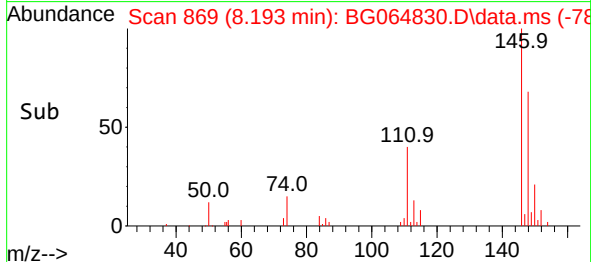
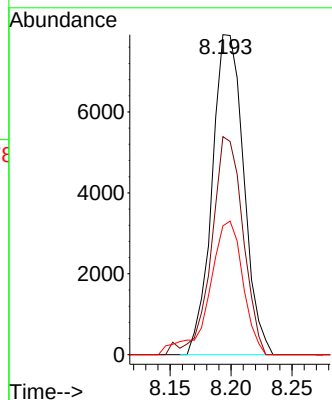
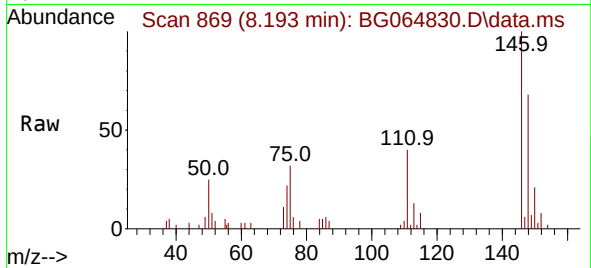




#13
1,4-Dichlorobenzene
Concen: 4.237 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

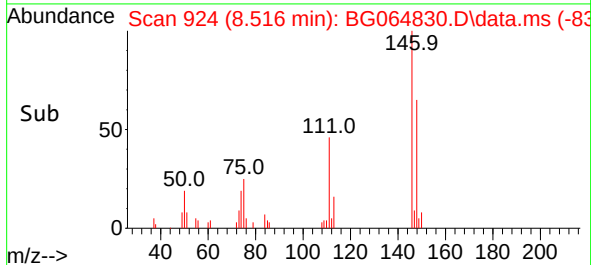
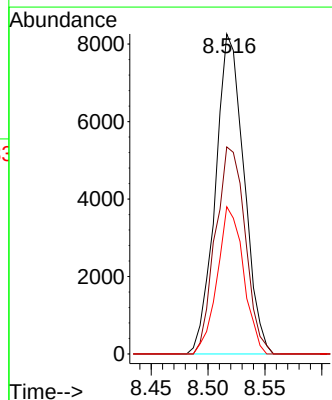
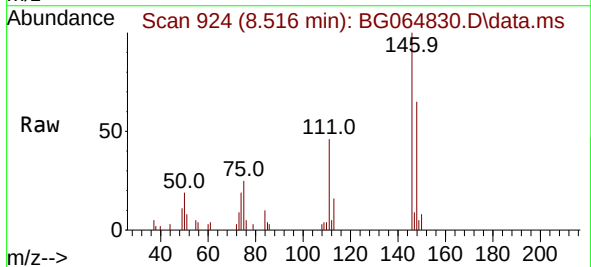
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

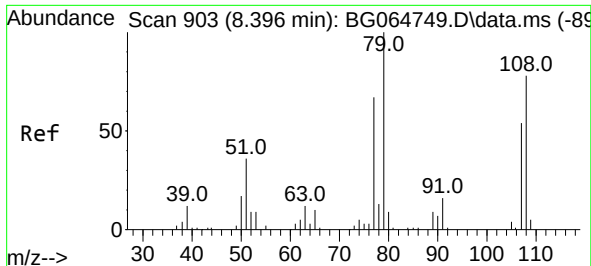
Tgt Ion:146 Resp: 14266
Ion Ratio Lower Upper
146 100
148 68.2 53.1 79.7
111 40.3 34.1 51.1



#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

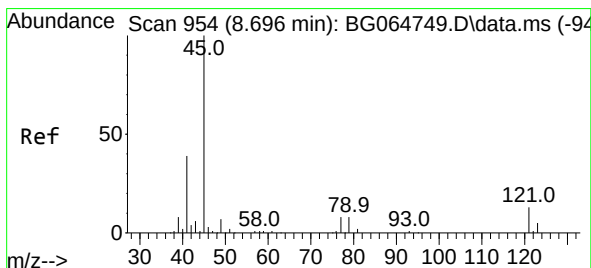
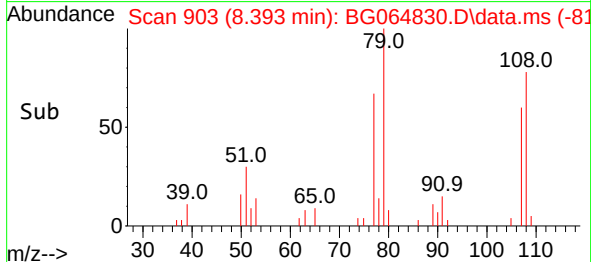
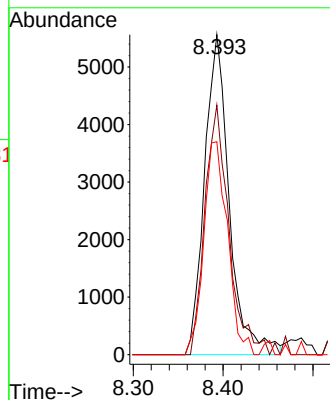
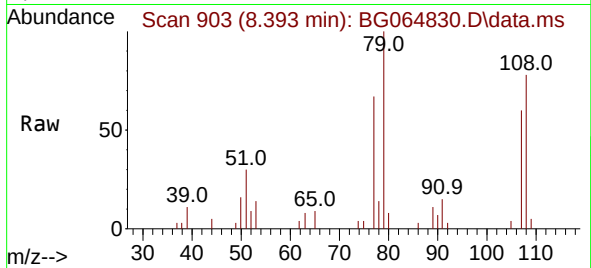




#15
Benzyl Alcohol
Concen: 3.726 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

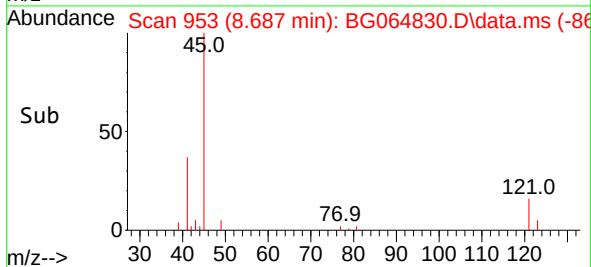
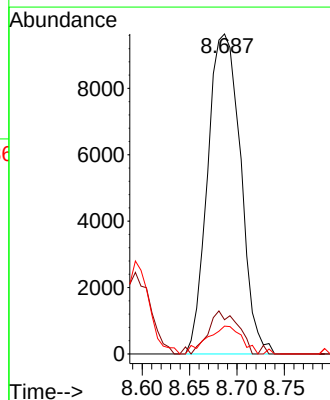
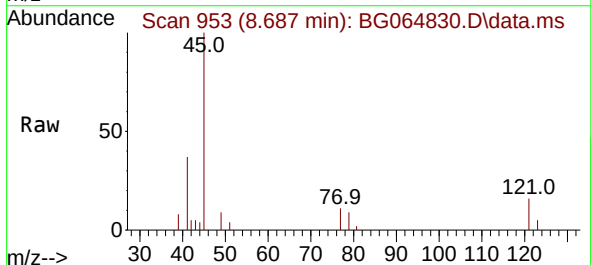
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

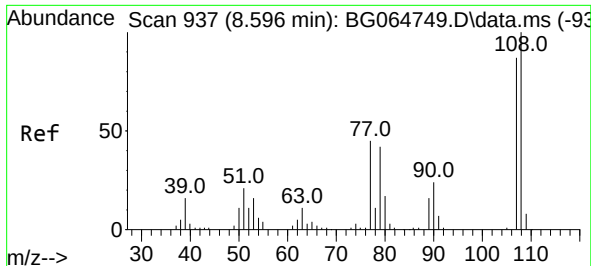
Tgt Ion: 79	Resp: 10646
Ion Ratio	Lower Upper
79 100	
108 78.0	62.3 93.5
77 66.5	53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.648 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

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





#17

2-Methylphenol

Concen: 3.916 ng

RT: 8.599 min Scan# 91

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:107 Resp: 10495

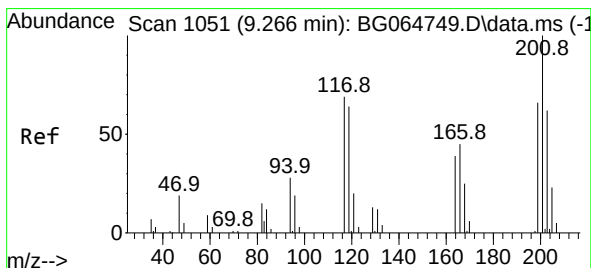
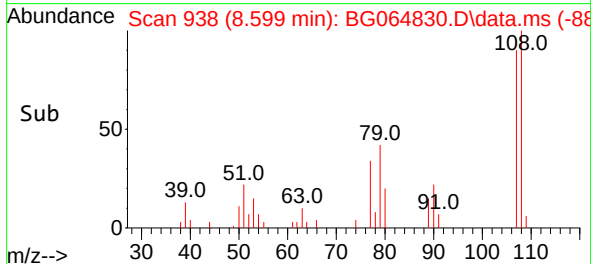
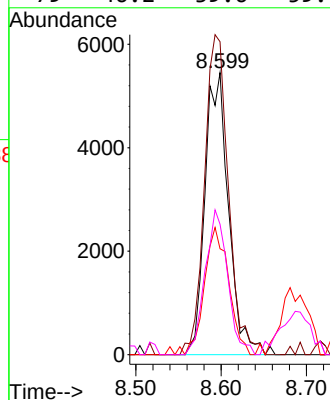
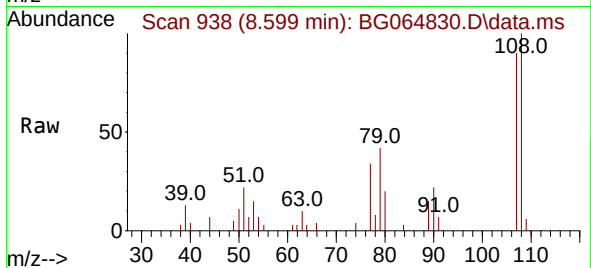
Ion Ratio Lower Upper

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

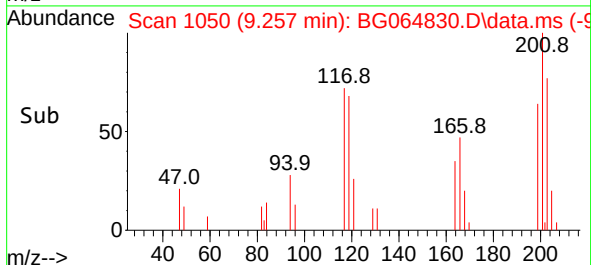
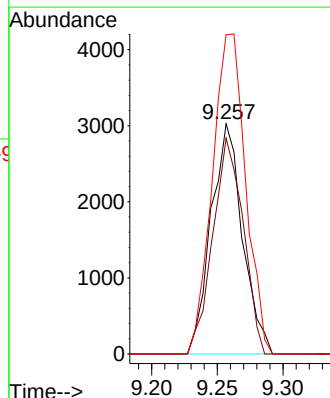
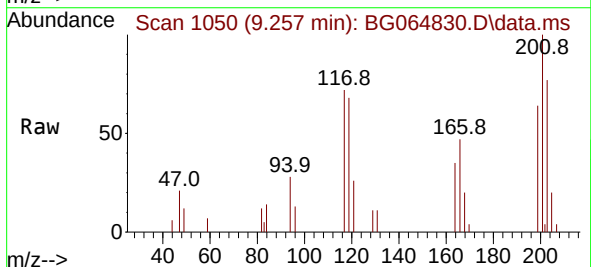
Tgt Ion:117 Resp: 5032

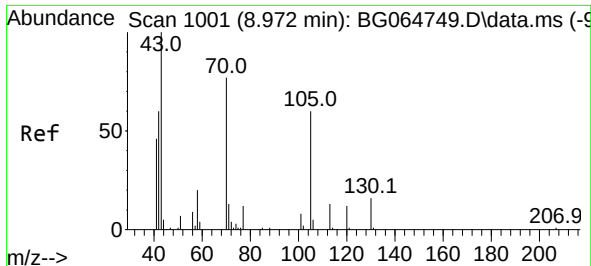
Ion Ratio Lower Upper

117 100

119 93.7 74.4 111.6

201 138.7 116.5 174.7

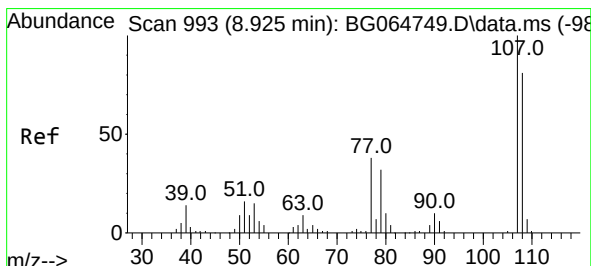
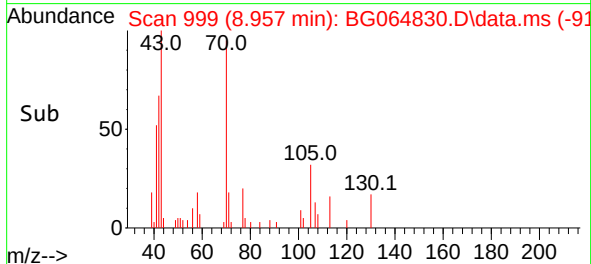
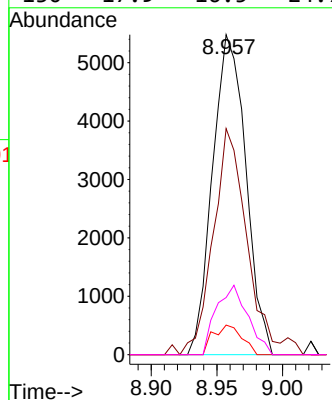
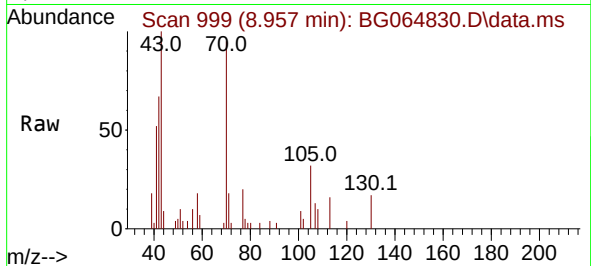




#19
n-Nitroso-di-n-propylamine
Concen: 4.103 ng
RT: 8.957 min Scan# 991
Delta R.T. -0.015 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

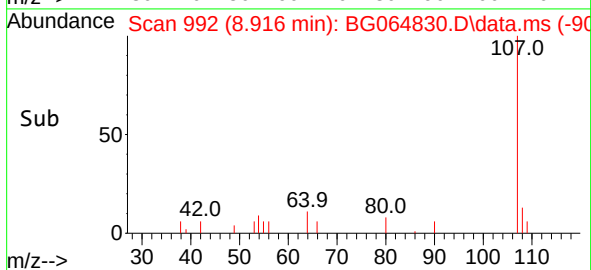
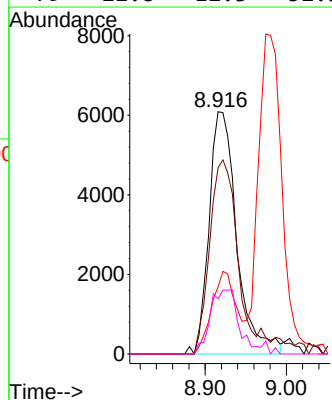
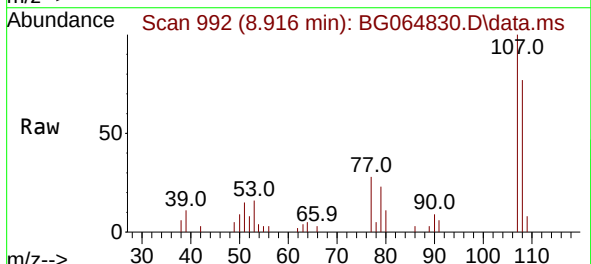
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

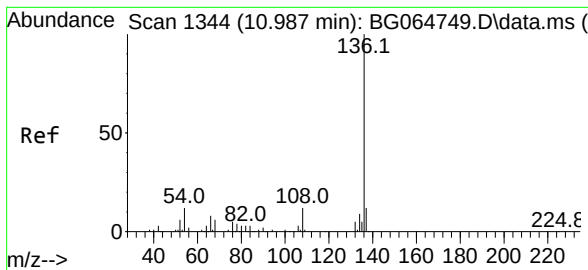
Tgt Ion:	70	Resp:	9658
Ion	Ratio	Lower	Upper
70	100		
42	70.7	62.6	93.8
101	9.3	8.0	12.0
130	17.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 3.916 ng
RT: 8.916 min Scan# 992
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:	107	Resp:	14376
Ion	Ratio	Lower	Upper
107	100		
108	76.9	61.0	101.0
77	27.7	17.6	57.6
79	22.8	12.3	52.3

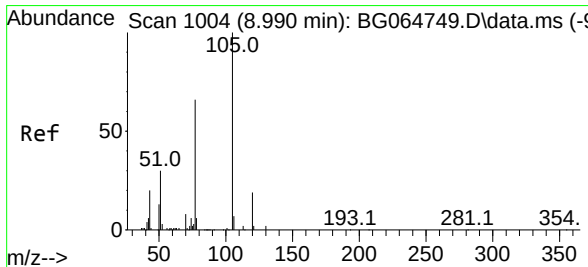
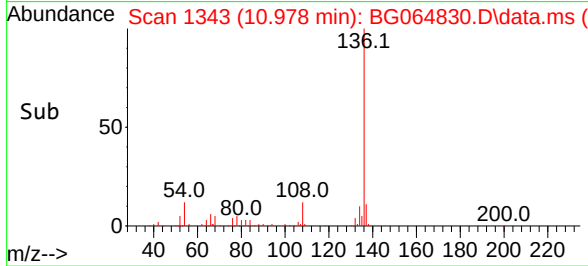
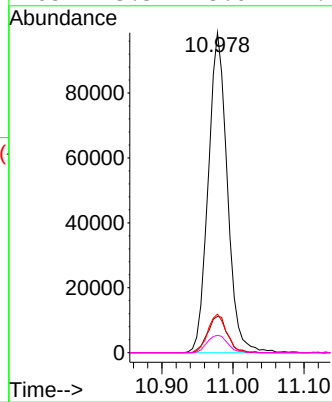
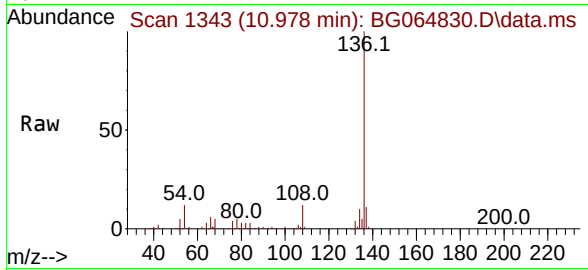




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

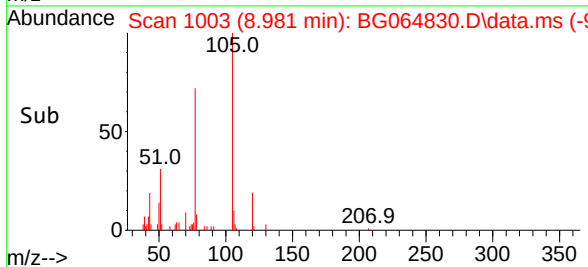
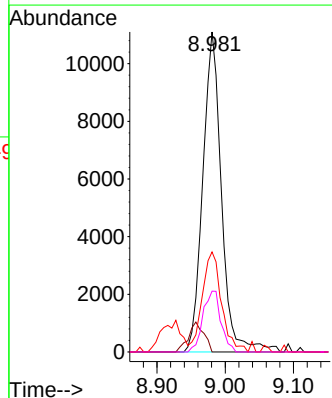
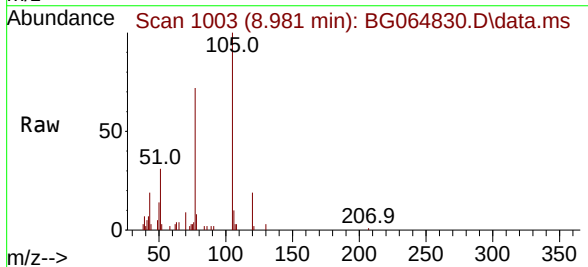
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

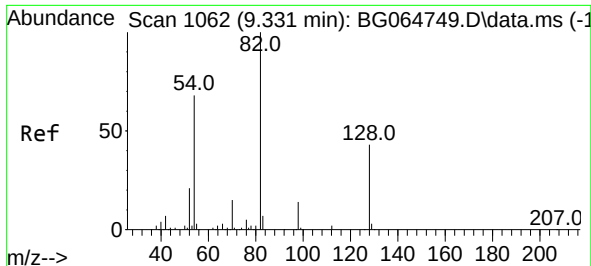
Tgt Ion:	136	Resp:	184081
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	12.1	9.3	13.9
68	5.5	5.0	7.6



#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

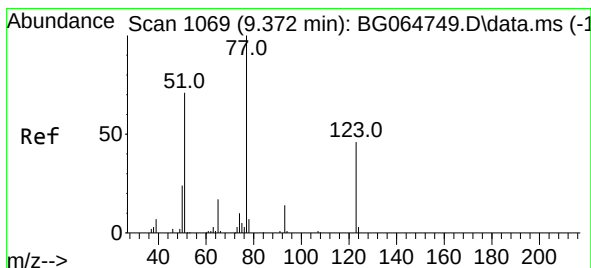
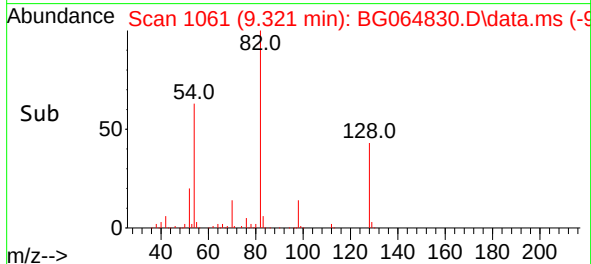
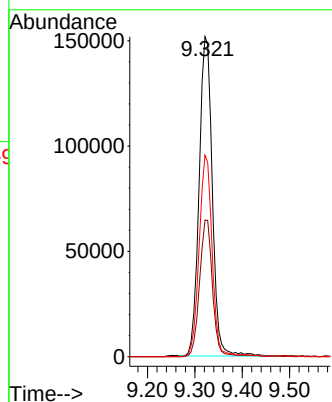
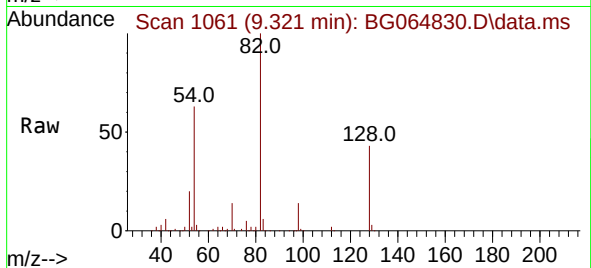
Tgt Ion: 82 Resp: 292212

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

54 63.0 54.3 81.5



#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

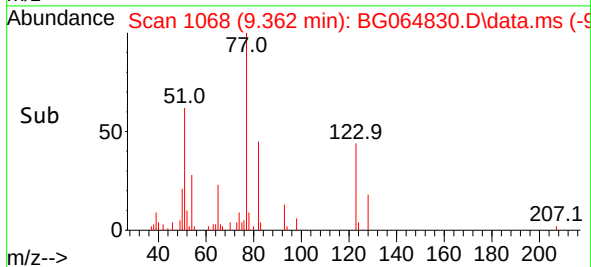
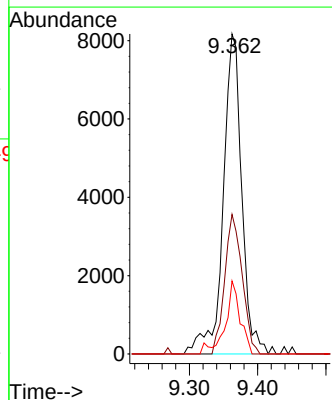
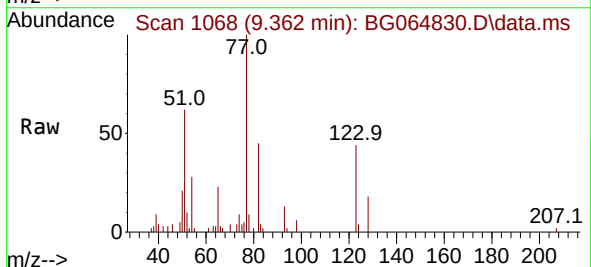
Tgt Ion: 77 Resp: 15526

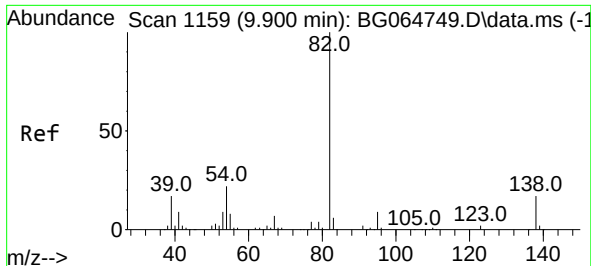
Ion Ratio Lower Upper

77 100

123 43.6 36.5 54.7

65 22.8 13.5 20.3#

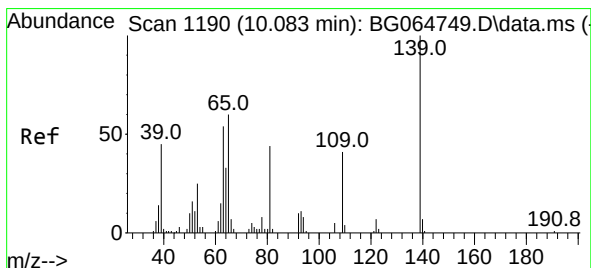
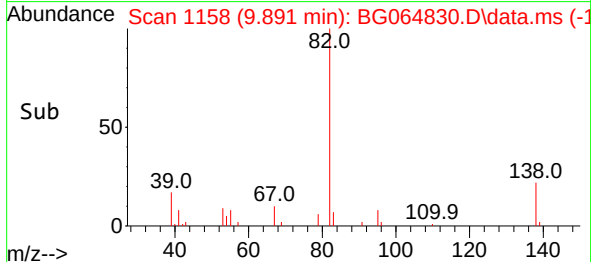
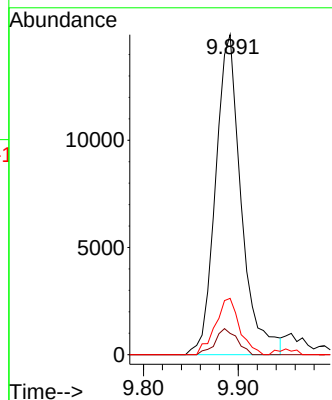
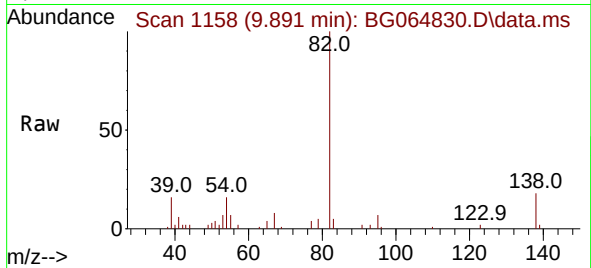




#25
Isophorone
Concen: 3.959 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

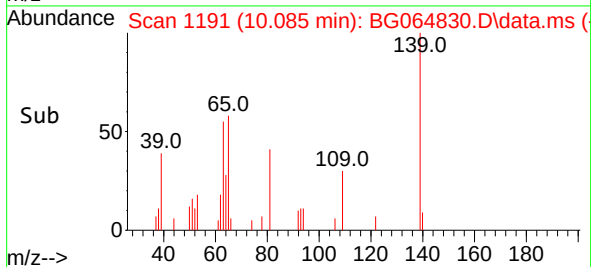
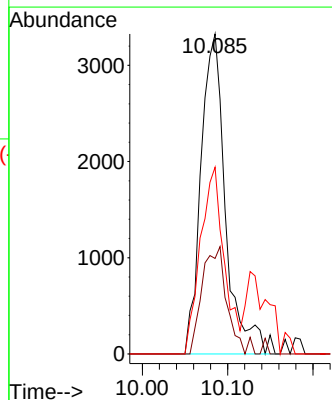
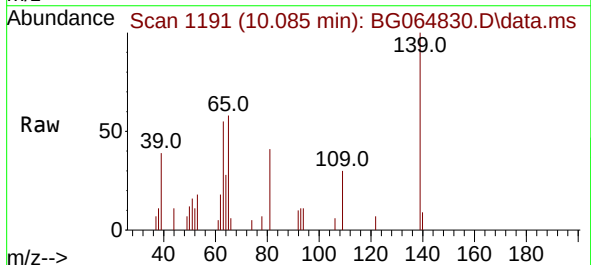
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

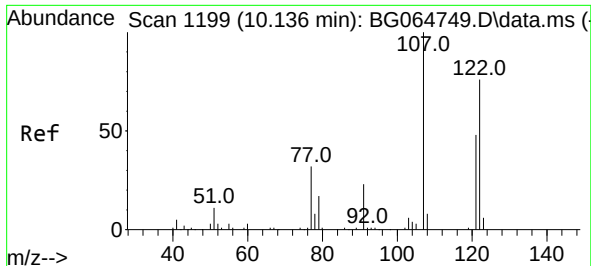
Tgt Ion: 82 Resp: 28071
Ion Ratio Lower Upper
82 100
95 6.6 6.9 10.3#
138 17.6 13.9 20.9



#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

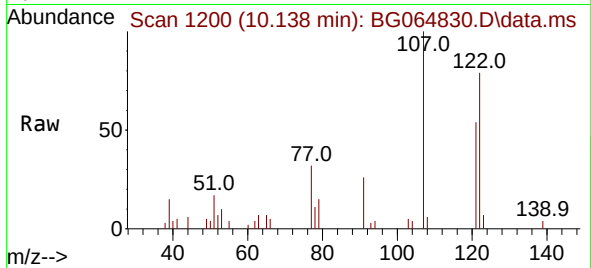
Acq: 20 Nov 2025 12:12

Instrument :

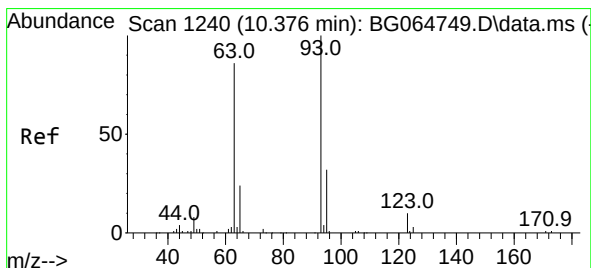
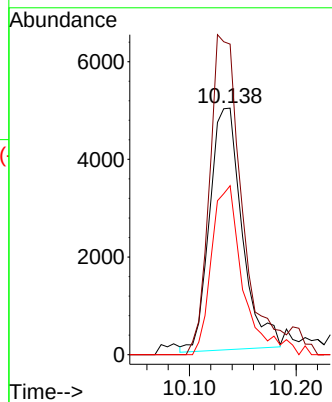
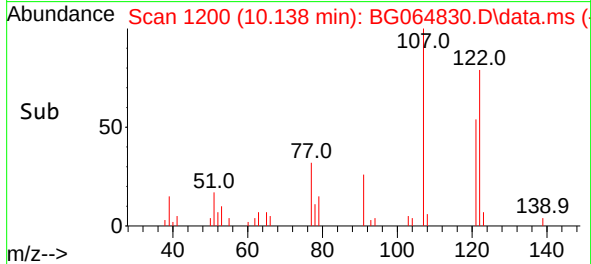
BNA_G

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



#28

bis(2-Chloroethoxy)methane

Concen: 4.340 ng

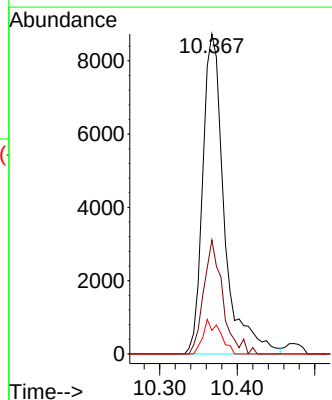
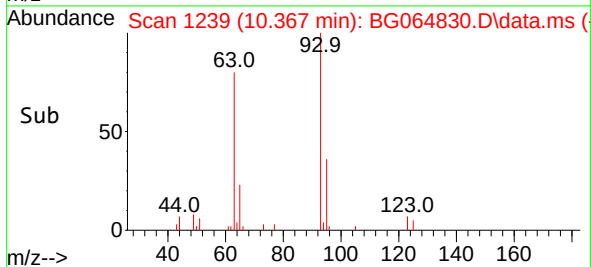
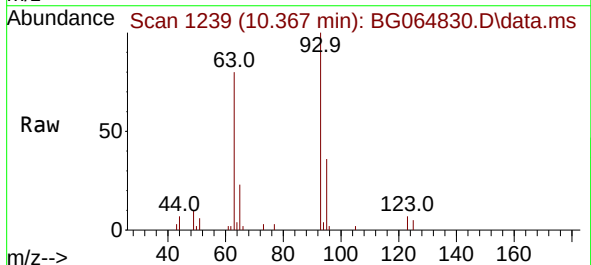
RT: 10.367 min Scan# 1239

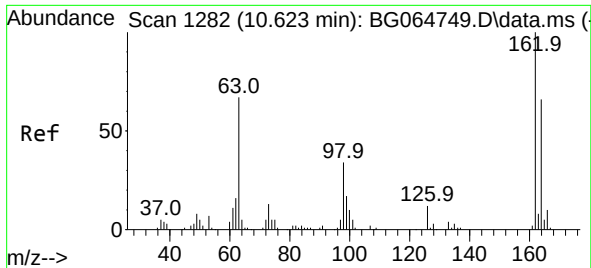
Delta R.T. -0.009 min

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#

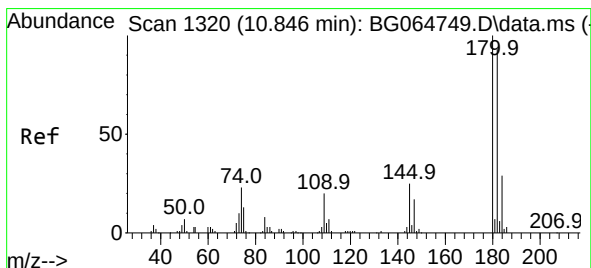
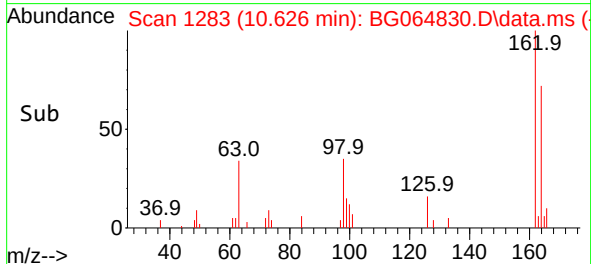
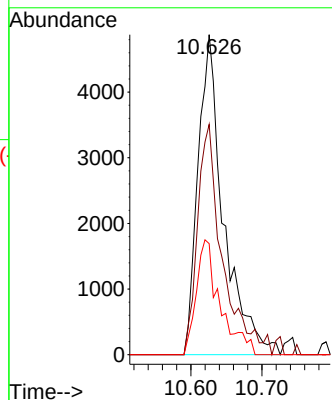
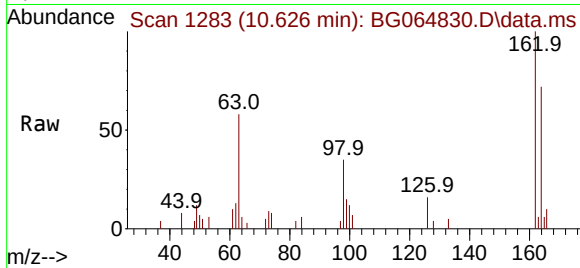




#29
2,4-Dichlorophenol
Concen: 3.780 ng
RT: 10.626 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

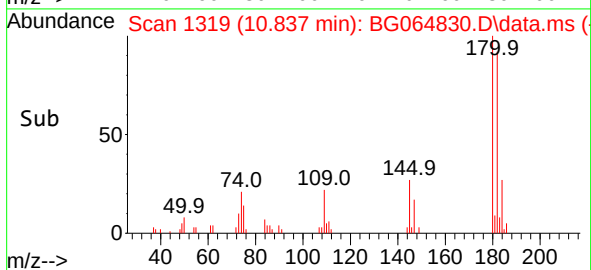
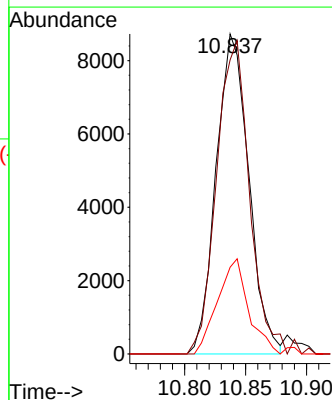
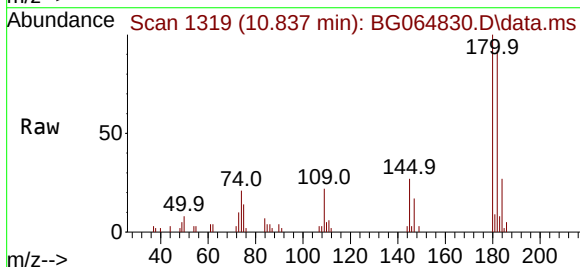
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

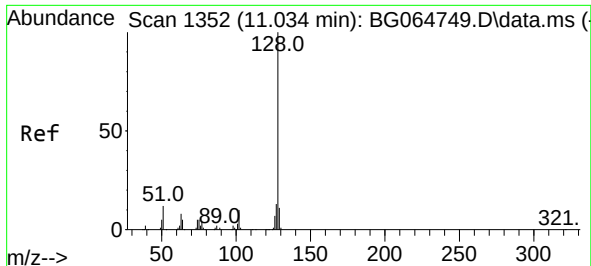
Tgt Ion:162 Resp: 12199
Ion Ratio Lower Upper
162 100
164 71.9 46.0 86.0
98 34.7 14.2 54.2



#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

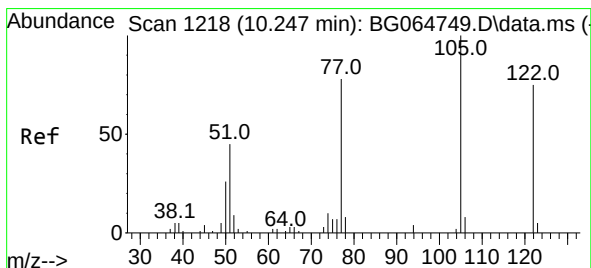
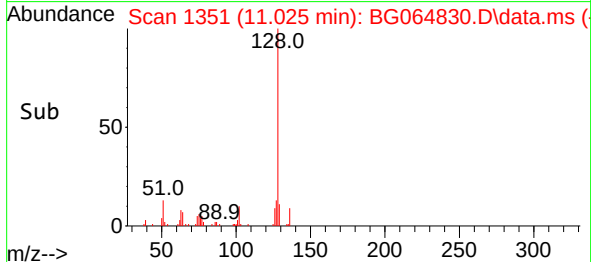
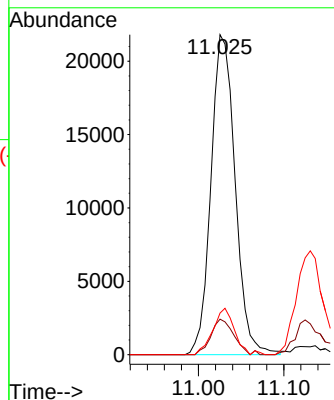
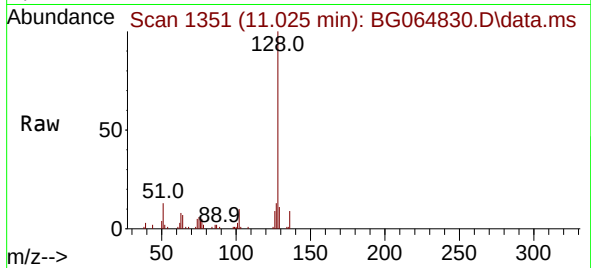




#31
Naphthalene
Concen: 4.121 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

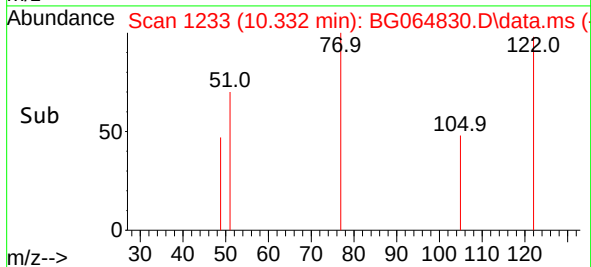
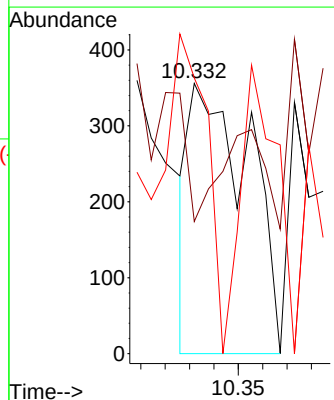
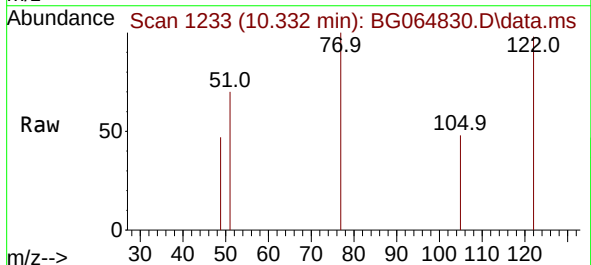
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

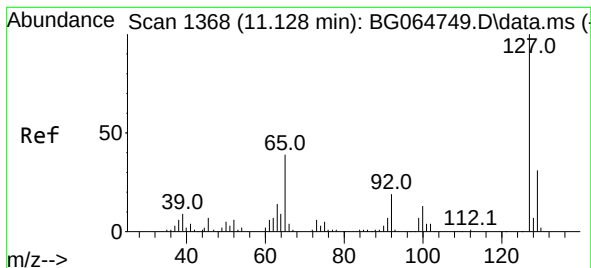
Tgt Ion:128 Resp: 43005
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 6.131 ng
RT: 10.332 min Scan# 1233
Delta R.T. 0.085 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:122 Resp: 602
Ion Ratio Lower Upper
122 100
105 48.9 107.6 147.6#
77 102.0 82.5 122.5

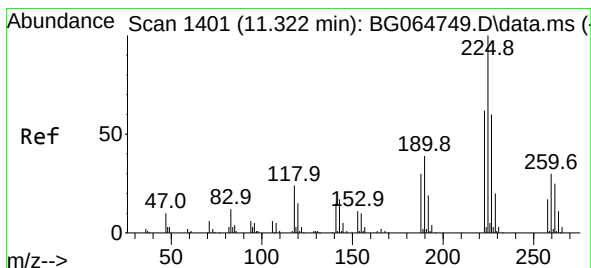
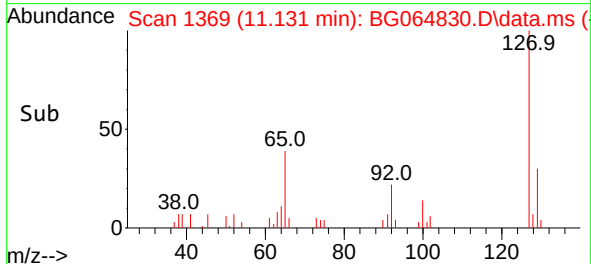
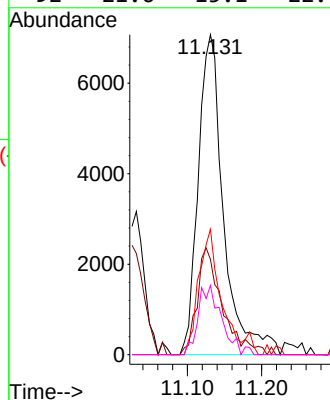
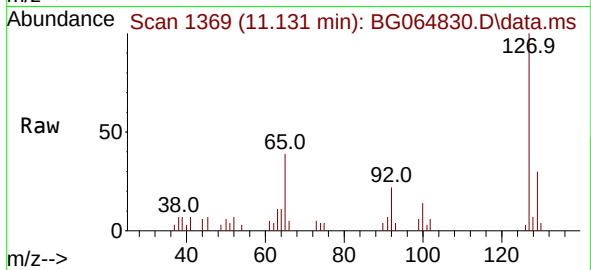




#33
4-Chloroaniline
Concen: 4.014 ng
RT: 11.131 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

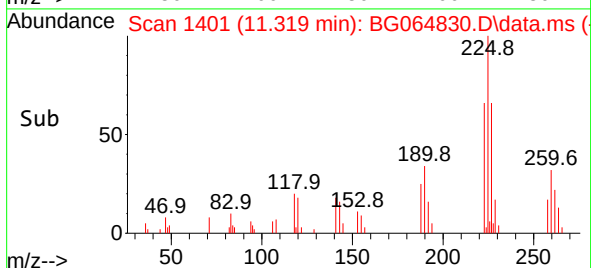
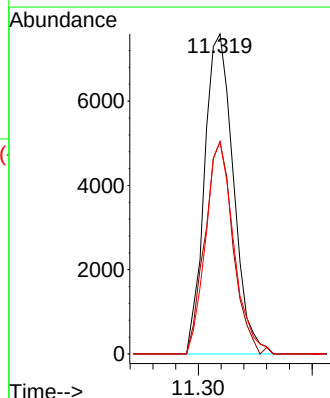
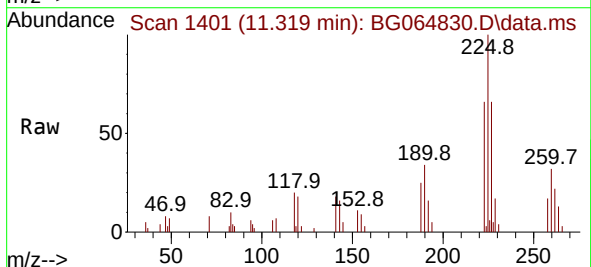
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

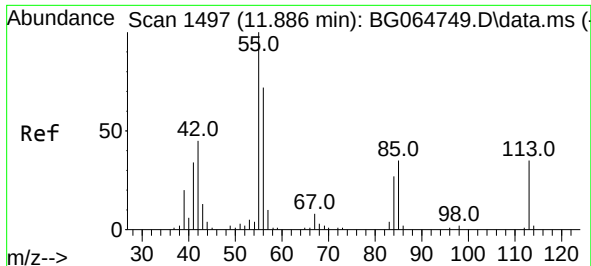
Tgt Ion:	127	Resp:	16755
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.9	37.3
65	39.2	30.9	46.3
92	21.6	15.1	22.7



#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

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

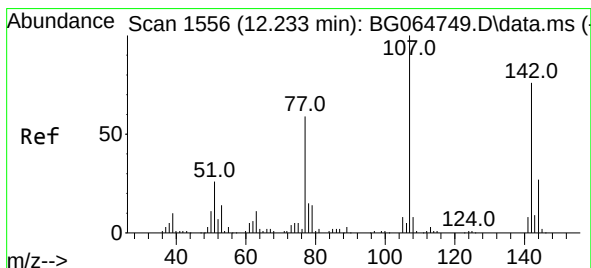
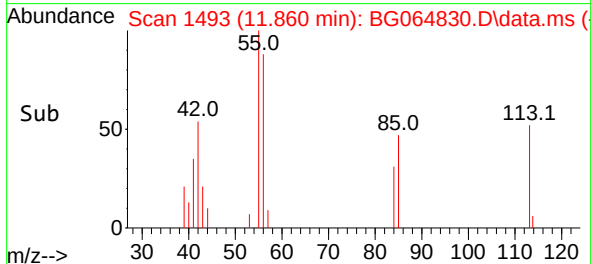
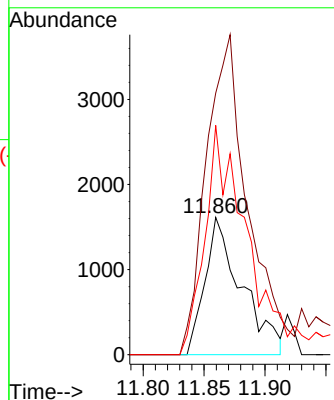
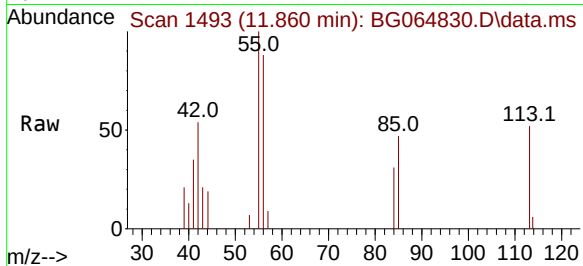




#35
Caprolactam
Concen: 3.495 ng
RT: 11.860 min Scan# 1497
Delta R.T. -0.027 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

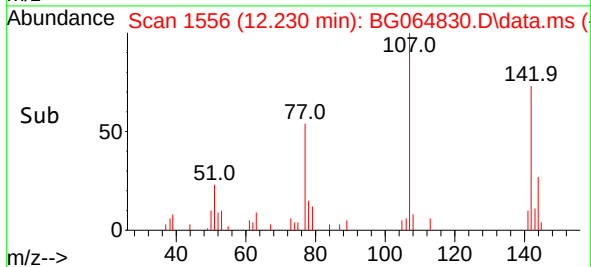
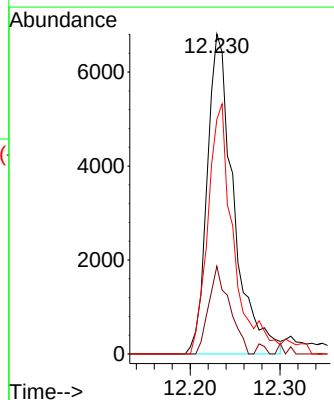
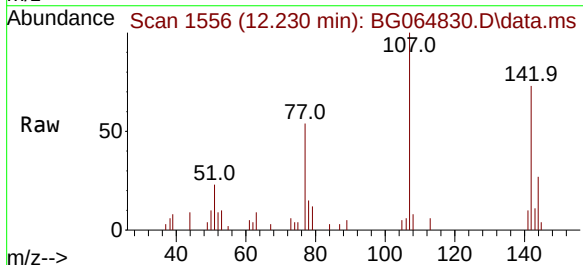
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

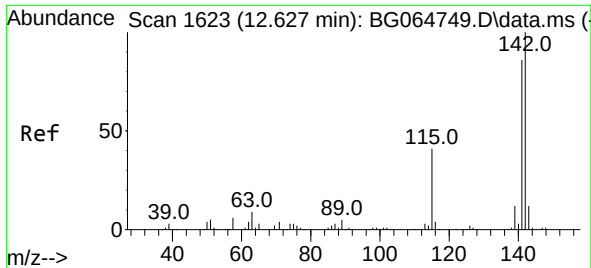
Tgt Ion:113 Resp: 3374
Ion Ratio Lower Upper
113 100
55 190.6 263.7 303.7#
56 167.0 184.0 224.0#



#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

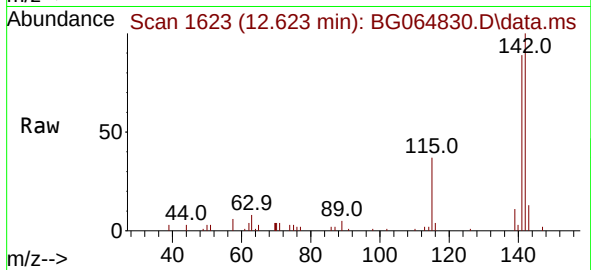
Tgt Ion:107 Resp: 13926
Ion Ratio Lower Upper
107 100
144 27.4 21.7 32.5
142 73.3 60.8 91.2



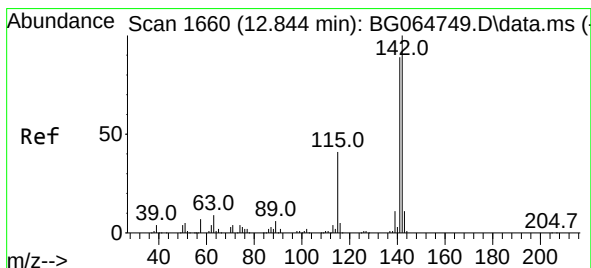
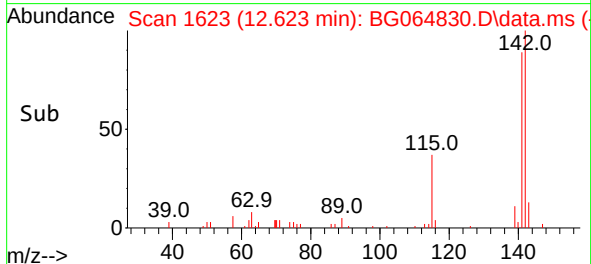
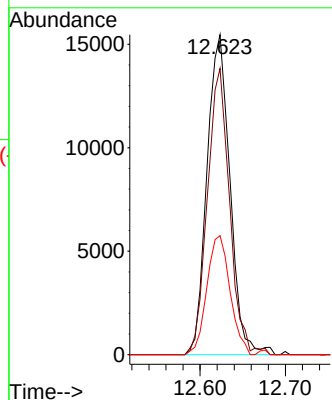


#37
2-Methylnaphthalene
Concen: 3.715 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

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

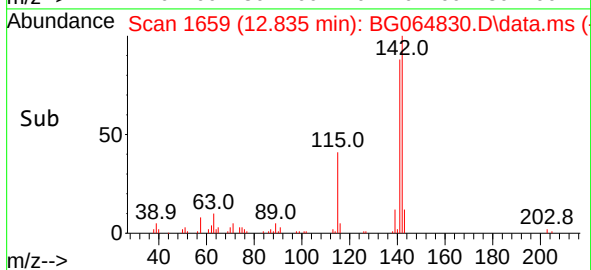
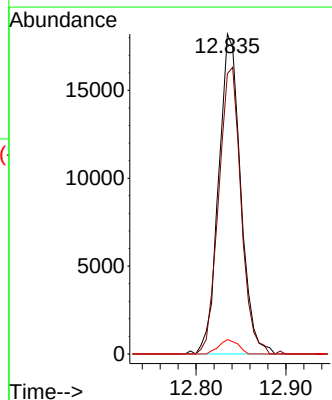
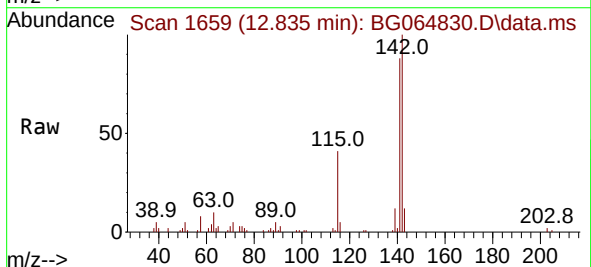


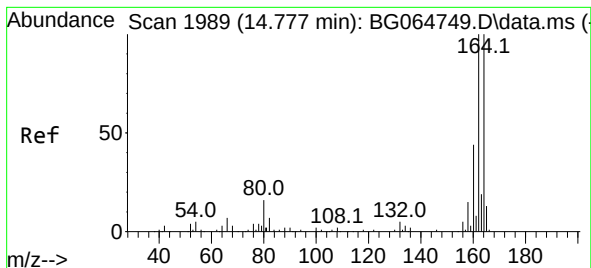
Tgt Ion:	142	Resp:	29013
Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.1	103.7
115	37.2	32.9	49.3



#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

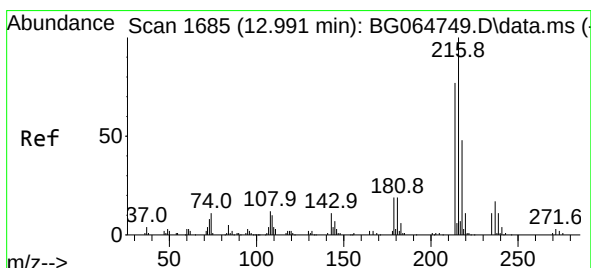
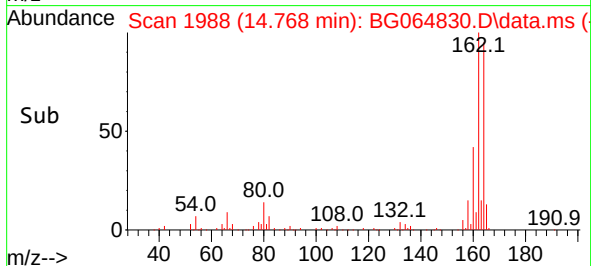
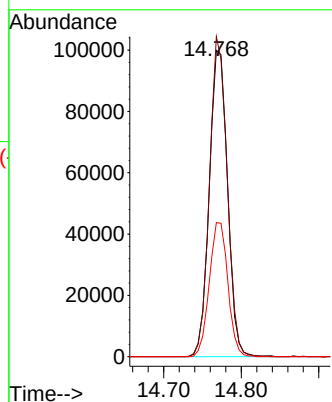
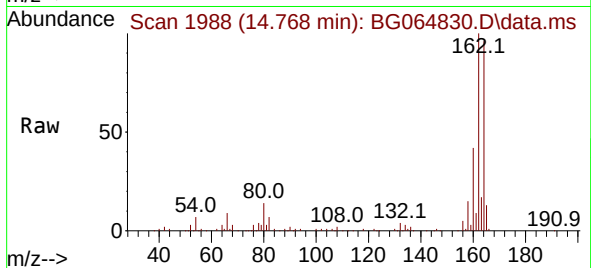
Tgt Ion:164 Resp: 163509

Ion Ratio Lower Upper

164 100

162 104.5 79.8 119.6

160 43.8 34.9 52.3



#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

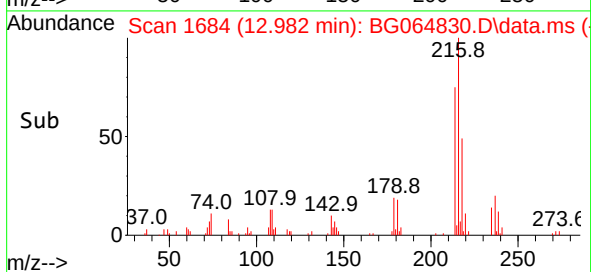
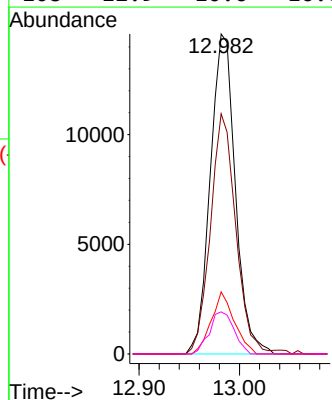
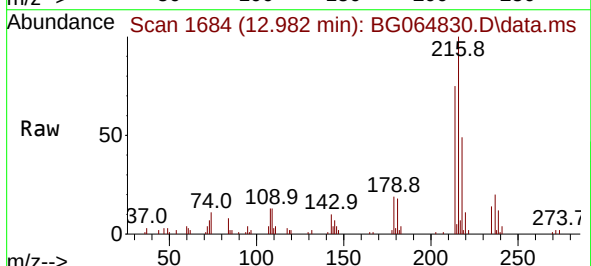
Ion Ratio Lower Upper

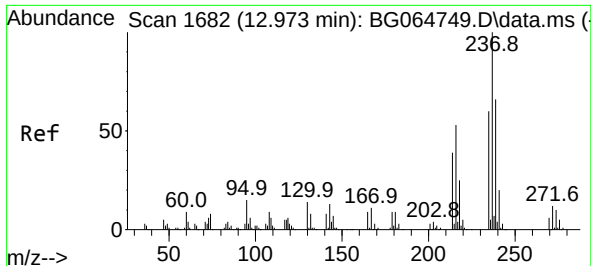
216 100

214 76.4 60.5 90.7

179 17.8 14.7 22.1

108 12.9 10.6 16.0

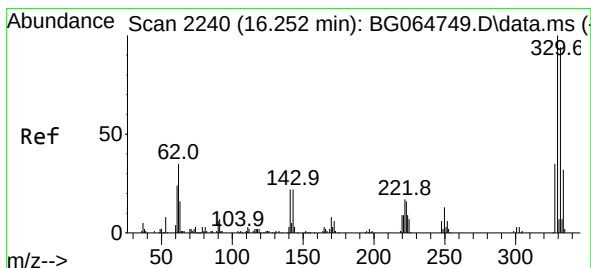
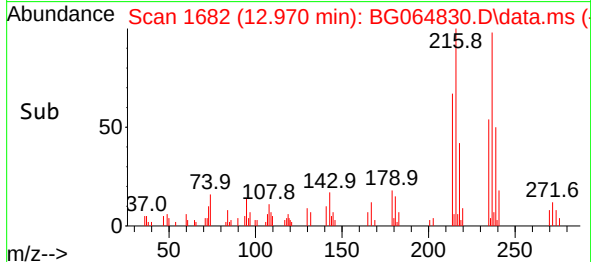
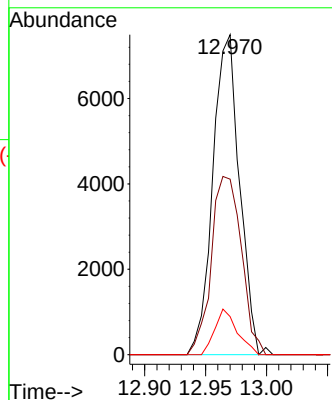
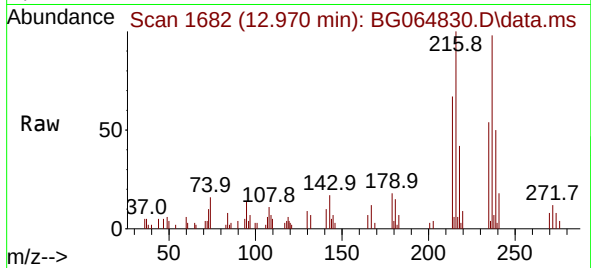




#41
Hexachlorocyclopentadiene
Concen: 2.504 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

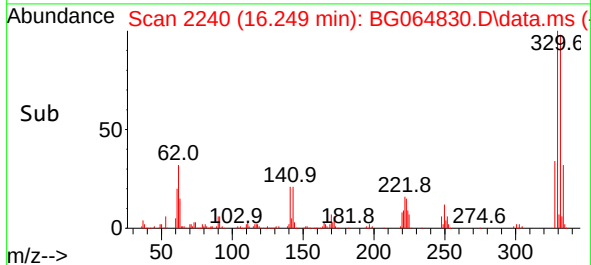
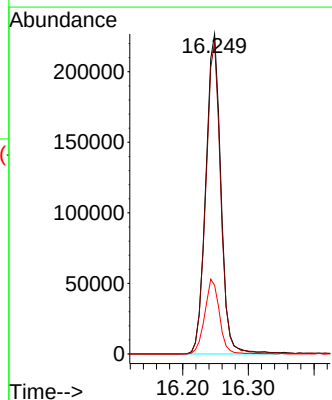
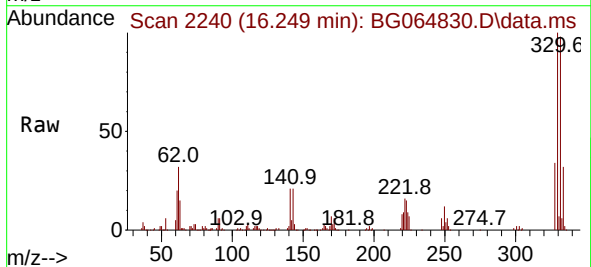
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

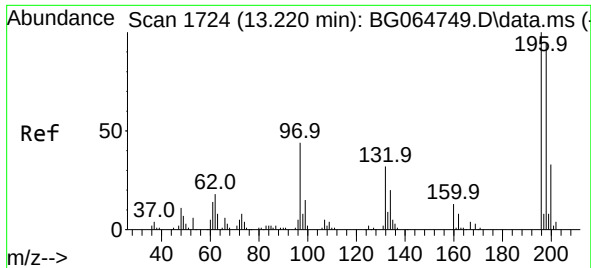
Tgt Ion:237	Resp:	11422
Ion Ratio	Lower	Upper
237	100	
235	54.9	40.2 80.2
272	11.9	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 113.726 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

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

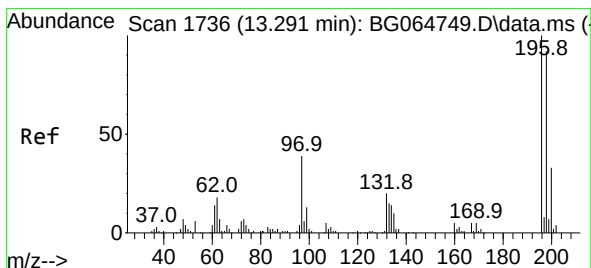
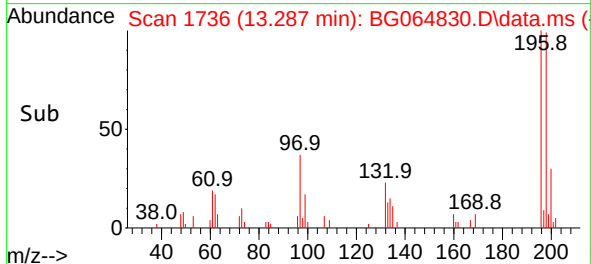
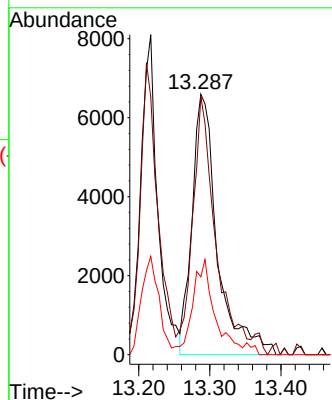
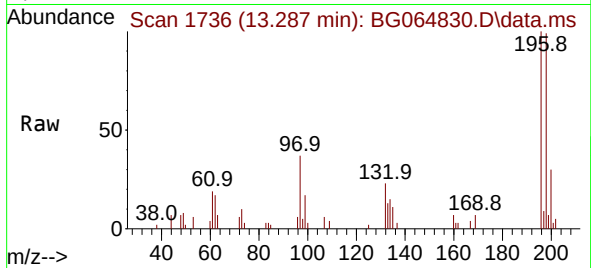




#43
2,4,6-Trichlorophenol
Concen: 4.381 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.067 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

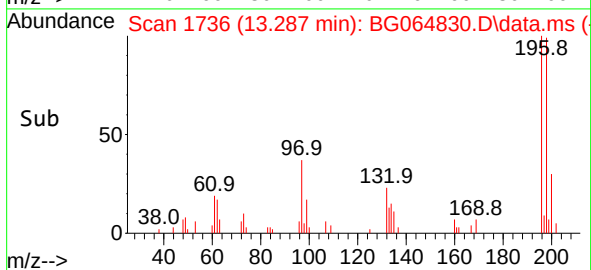
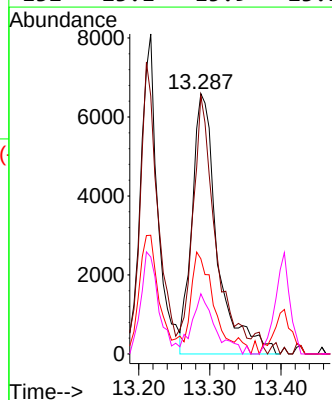
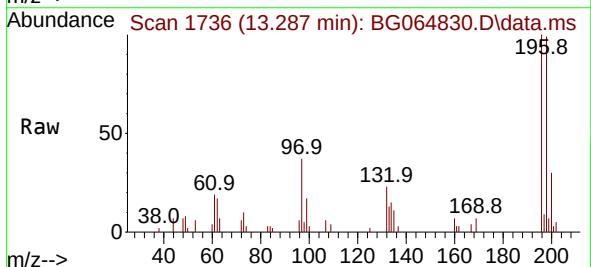
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

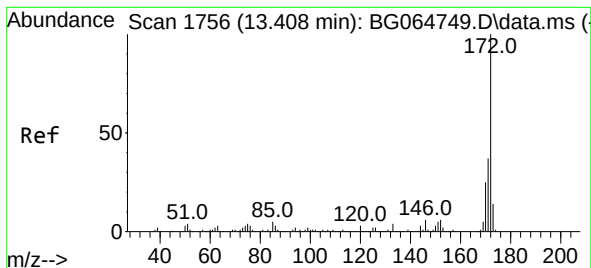
Tgt Ion:196 Resp: 16363
Ion Ratio Lower Upper
196 100
198 99.1 75.3 112.9
200 29.9 26.2 39.2



#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

Tgt Ion:196 Resp: 16363
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





#45

2-Fluorobiphenyl

Concen: 75.408 ng

RT: 13.405 min Scan# 1

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

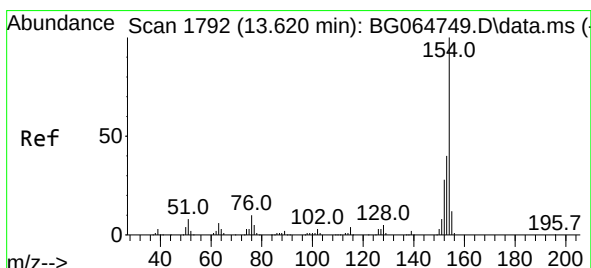
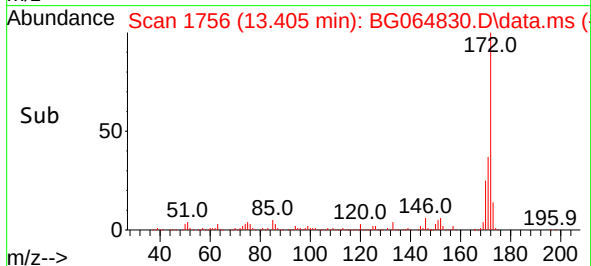
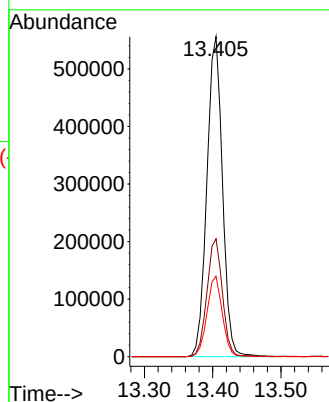
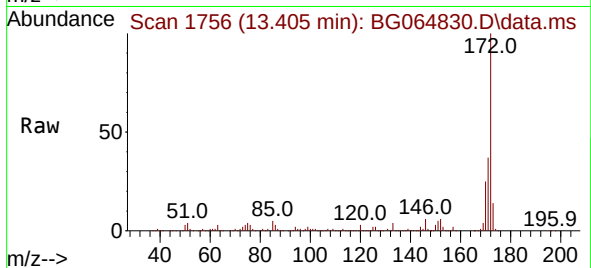
Tgt Ion:172 Resp: 883652

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# 1791

Delta R.T. -0.009 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

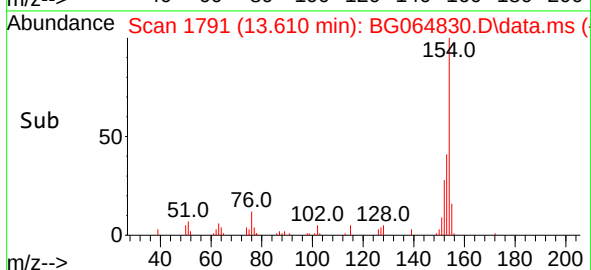
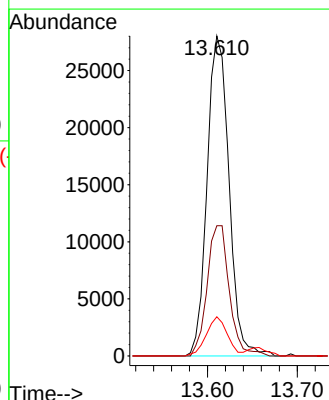
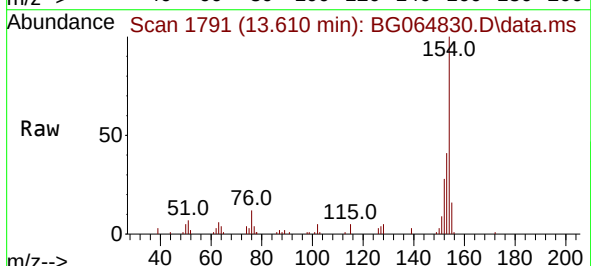
Tgt Ion:154 Resp: 47467

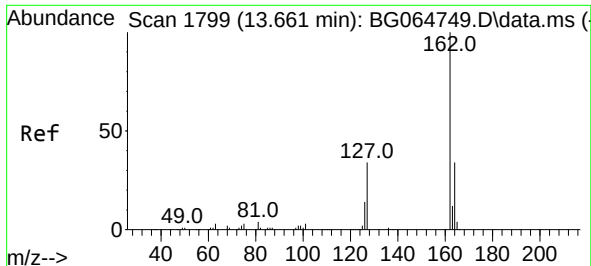
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 12.2 0.0 30.0

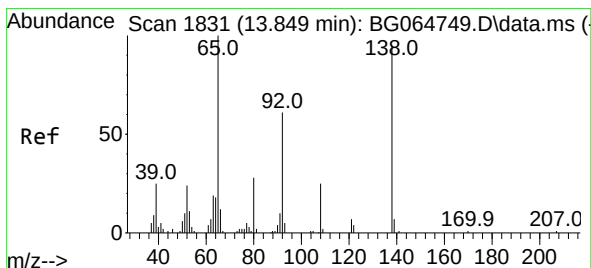
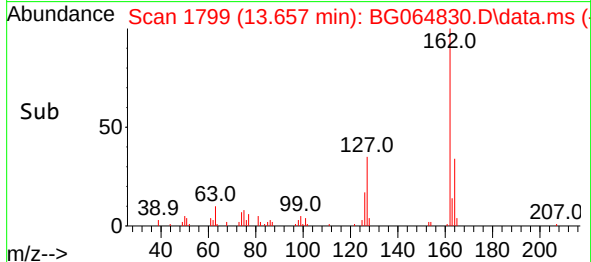
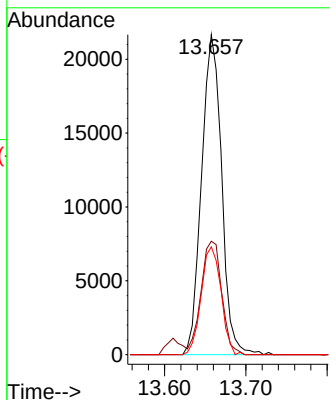
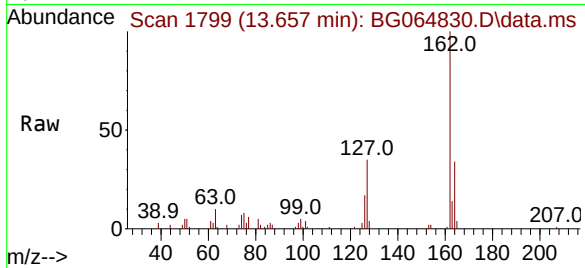




#47
2-Chloronaphthalene
Concen: 4.014 ng
RT: 13.657 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

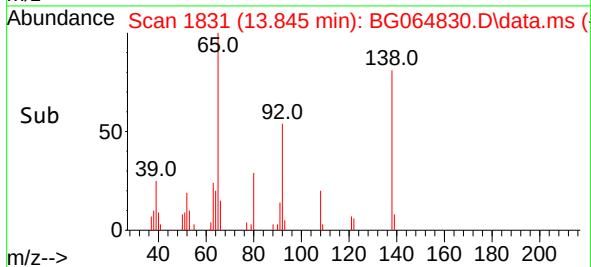
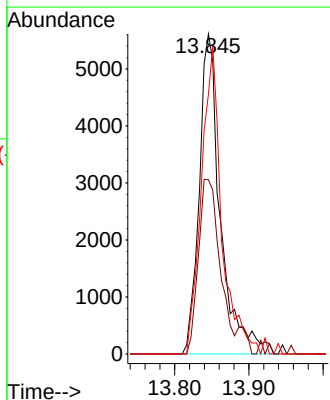
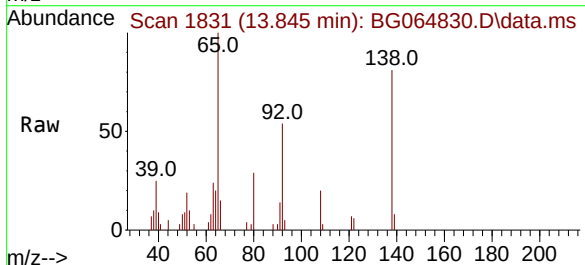
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

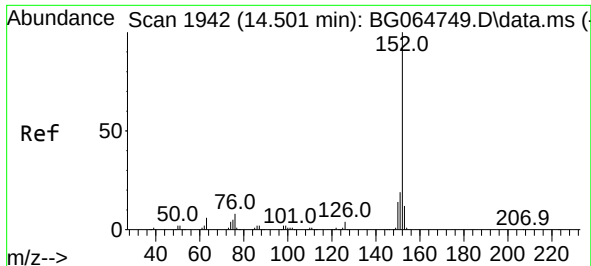
Tgt Ion:	162	Resp:	37142
Ion Ratio	Lower	Upper	
162	100		
127	35.5	30.3	45.5
164	33.7	26.8	40.2



#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

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

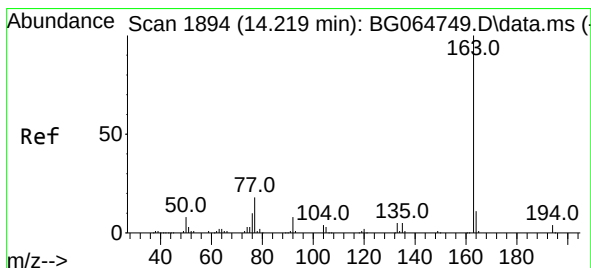
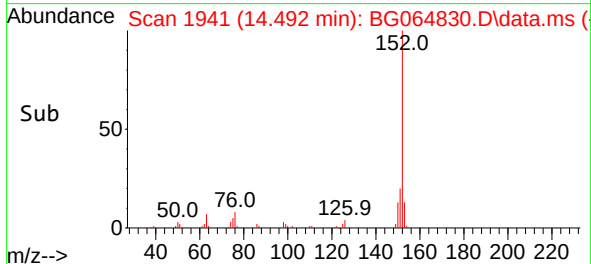
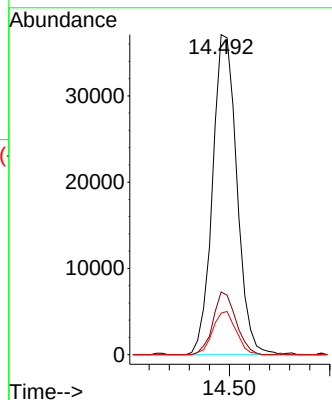
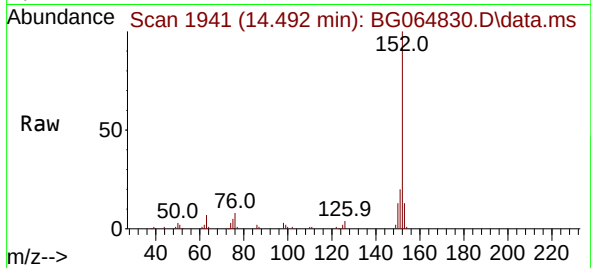




#49
Acenaphthylene
Concen: 3.951 ng
RT: 14.492 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

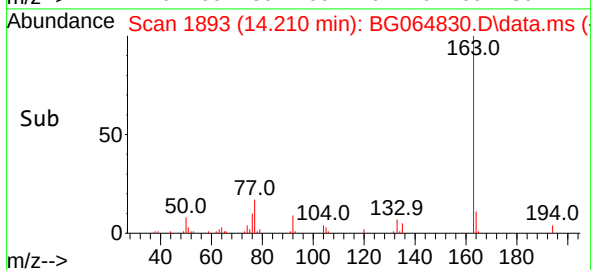
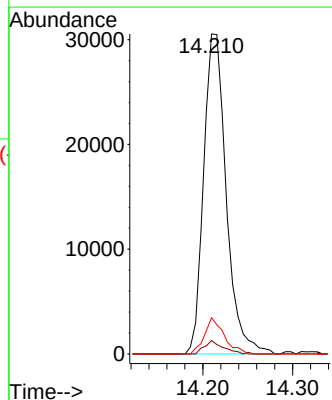
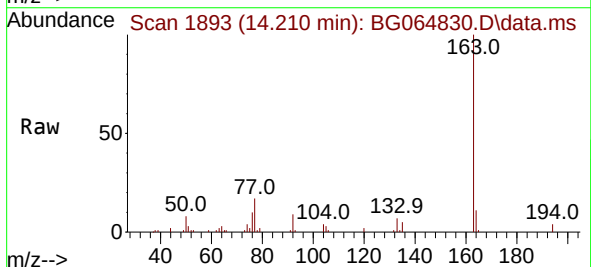
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

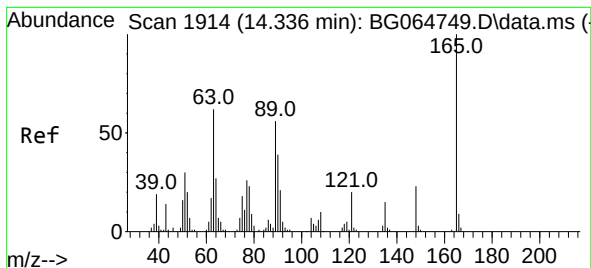
Tgt Ion:152	Resp: 62443
Ion Ratio	Lower Upper
152 100	
151 19.6	15.0 22.4
153 13.0	9.9 14.9



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2025

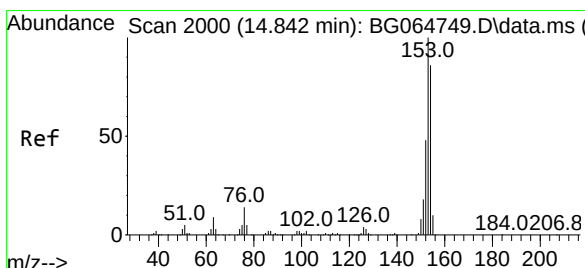
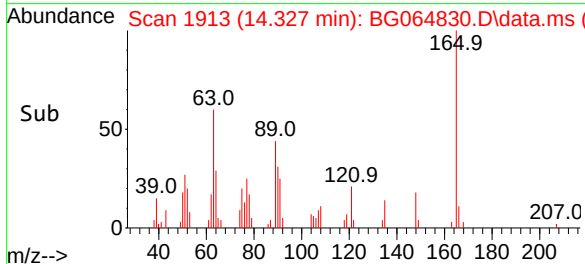
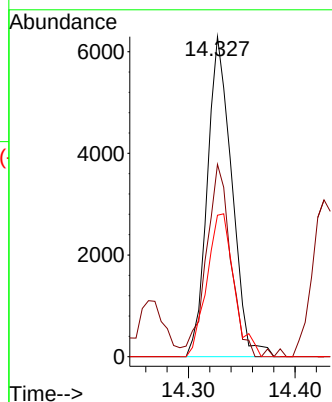
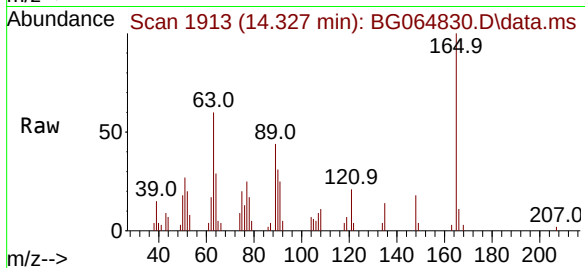
Tgt Ion:165 Resp: 10026

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

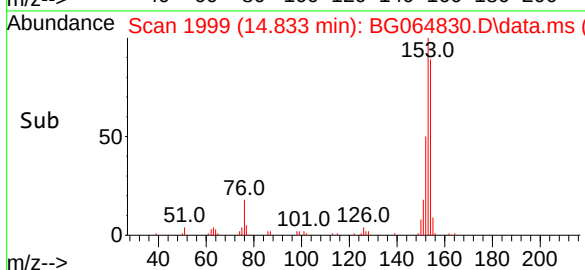
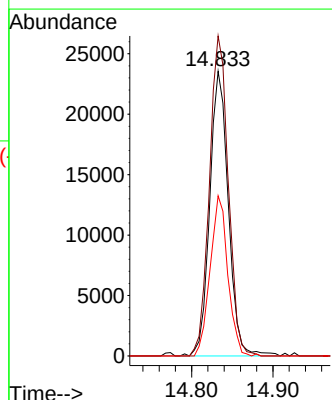
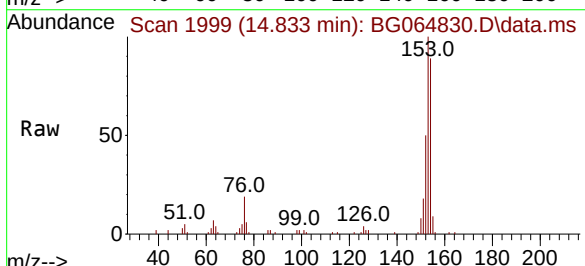
Tgt Ion:154 Resp: 37370

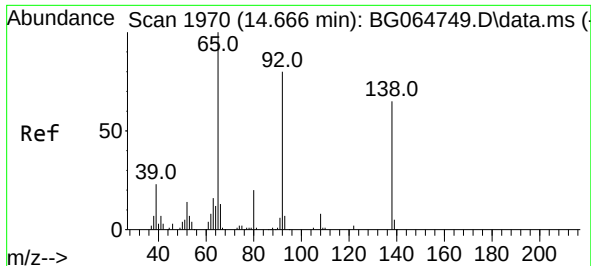
Ion Ratio Lower Upper

154 100

153 112.4 93.0 139.4

152 56.3 44.4 66.6

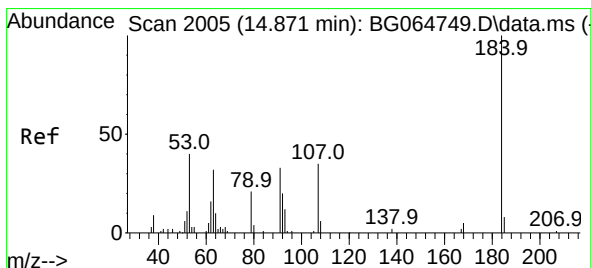
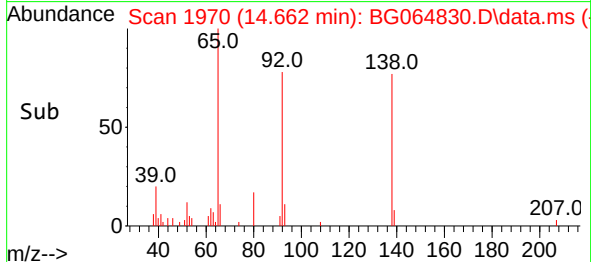
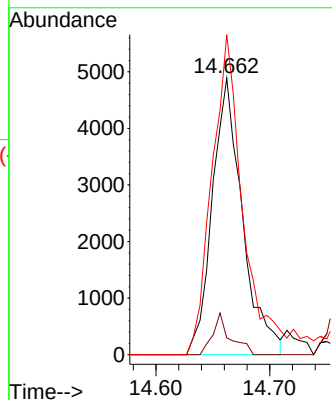
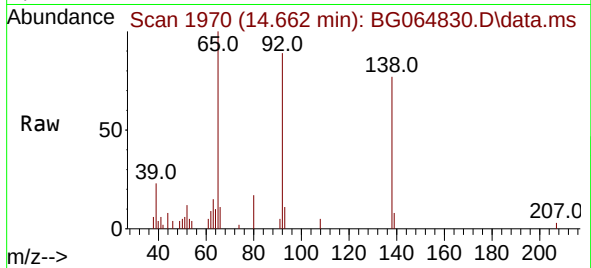




#53
3-Nitroaniline
Concen: 3.678 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

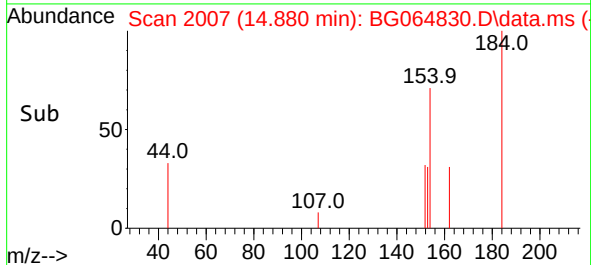
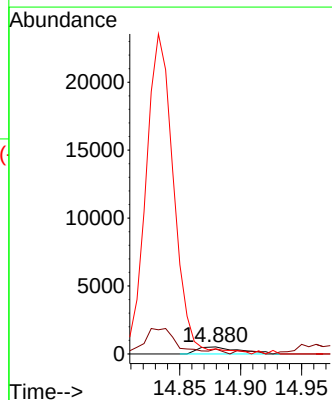
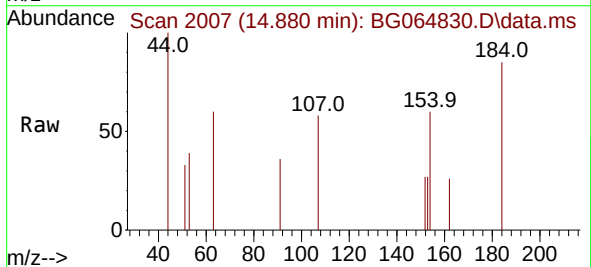
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

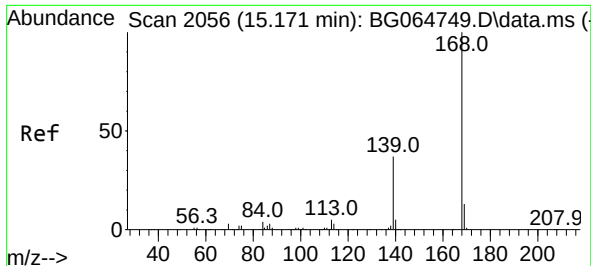
Tgt Ion:138 Resp: 9022
Ion Ratio Lower Upper
138 100
108 6.1 9.5 14.3#
92 115.7 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 9.227 ng
RT: 14.880 min Scan# 2007
Delta R.T. 0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:184 Resp: 1227
Ion Ratio Lower Upper
184 100
63 70.6 45.8 68.6#
154 71.1 52.6 78.8

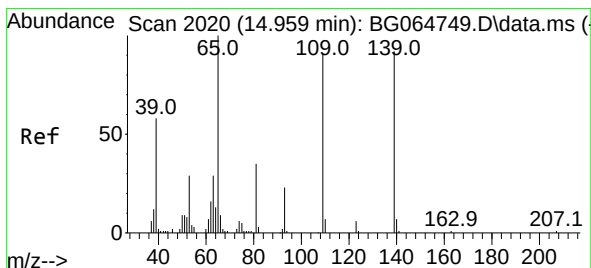
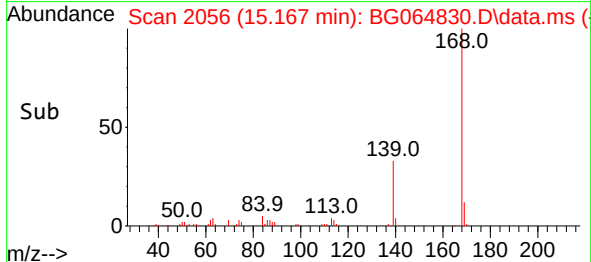
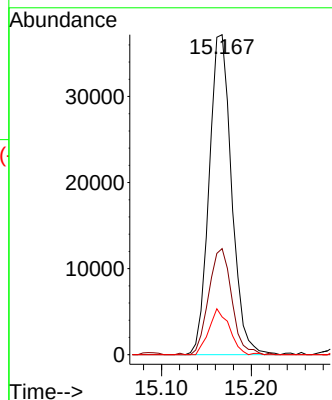
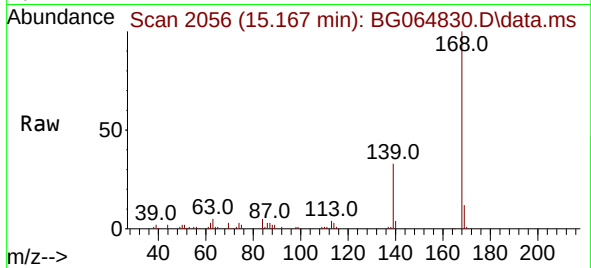




#55
Dibenzenofuran
Concen: 4.122 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

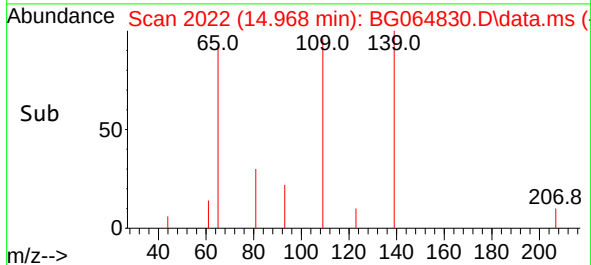
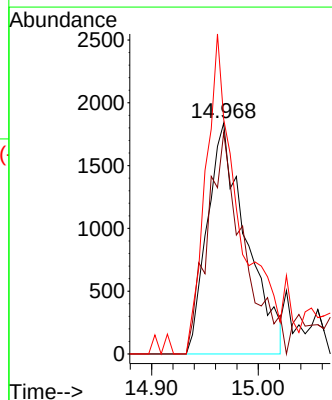
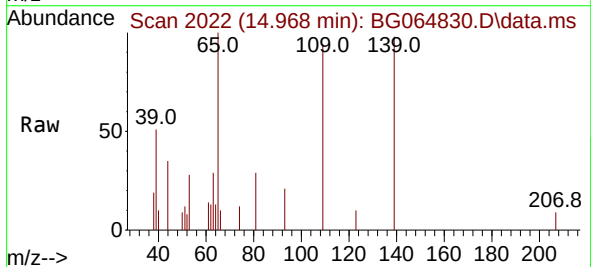
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

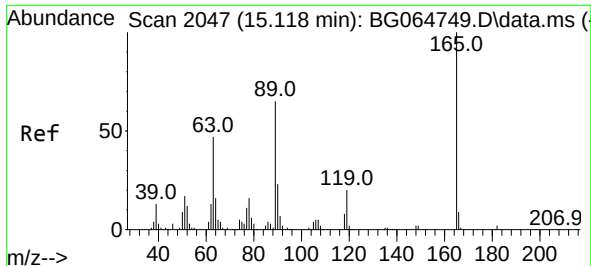
Tgt Ion:168 Resp: 64576
Ion Ratio Lower Upper
168 100
139 33.1 29.5 44.3
169 11.8 10.4 15.6



#56
4-Nitrophenol
Concen: 2.387 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

Tgt Ion:139 Resp: 4645
Ion Ratio Lower Upper
139 100
109 95.9 79.7 119.7
65 101.6 89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 3.800 ng

RT: 15.115 min Scan# 2047

Delta R.T. -0.003 min

Lab File: BG064830.D

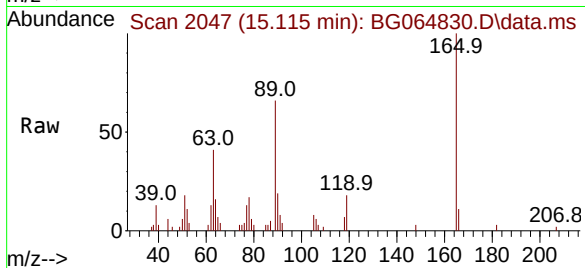
Acq: 20 Nov 2025 12:12

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:165 Resp: 14159

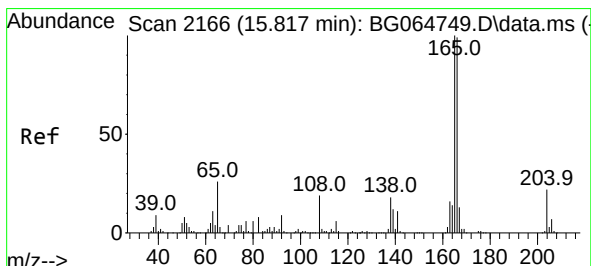
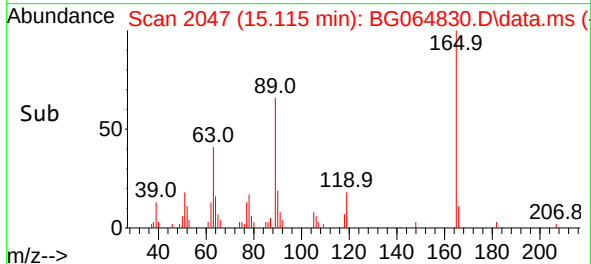
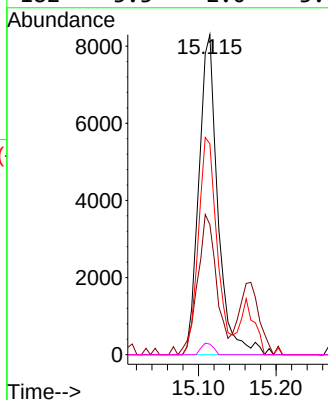
Ion Ratio Lower Upper

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# 2165

Delta R.T. -0.009 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

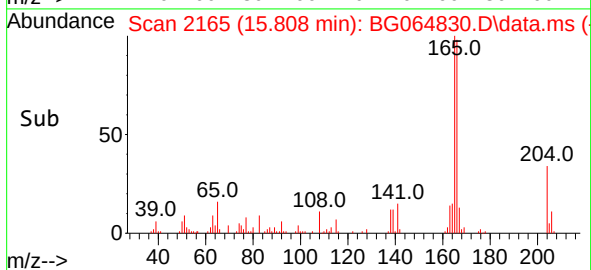
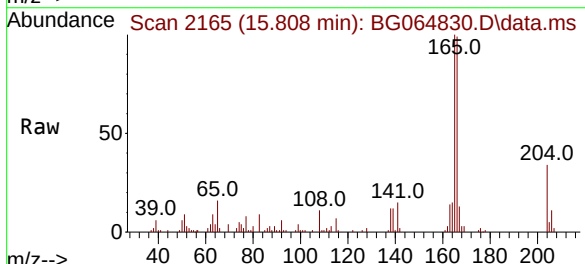
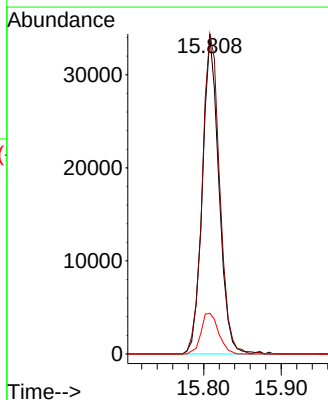
Tgt Ion:166 Resp: 50597

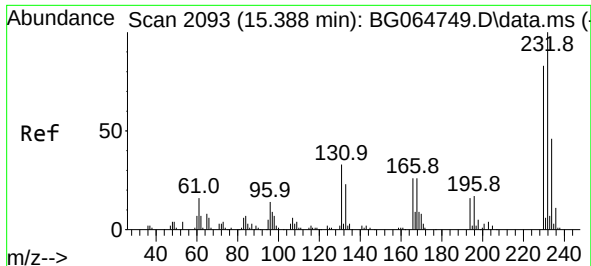
Ion Ratio Lower Upper

166 100

165 100.7 80.5 120.7

167 12.8 10.3 15.5

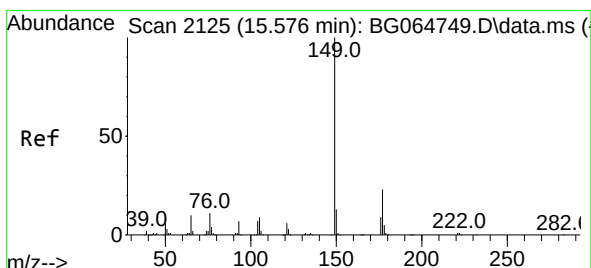
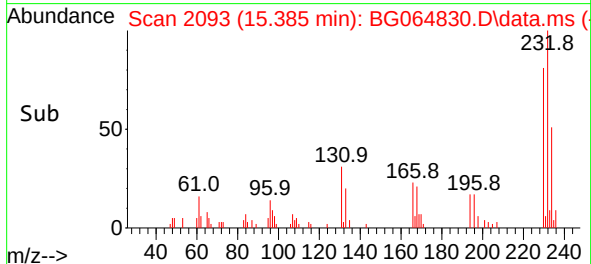
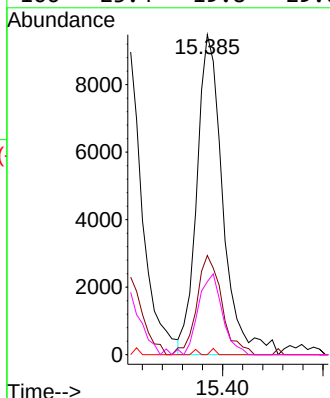
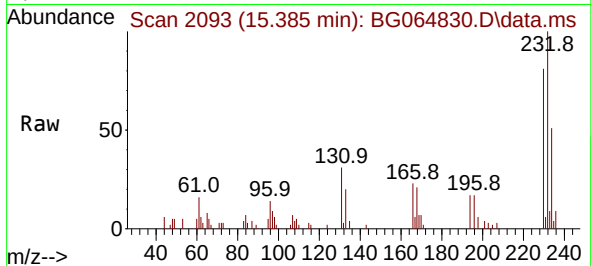




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.120 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

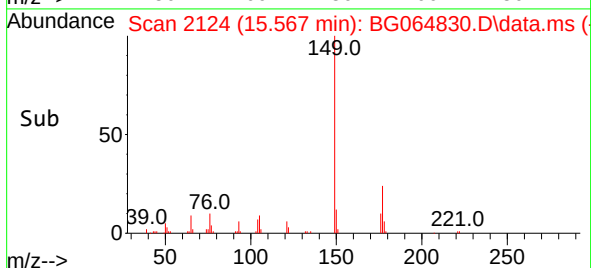
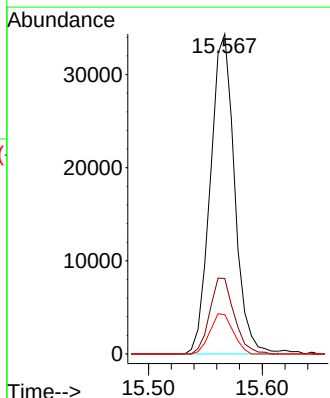
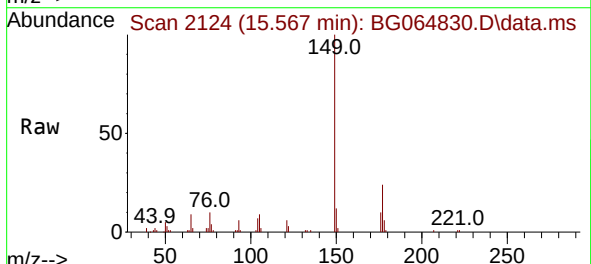
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

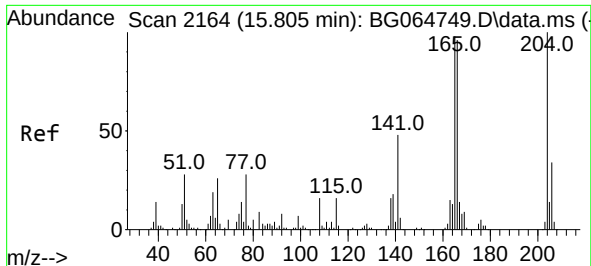
Tgt Ion:232	Resp:	17029
Ion Ratio	Lower	Upper
232	100	
131	30.1	26.0 39.0
130	0.4	1.6 2.4#
166	23.4	19.8 29.6



#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

Tgt Ion:149	Resp:	50837
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.4 27.6
150	12.3	10.1 15.1

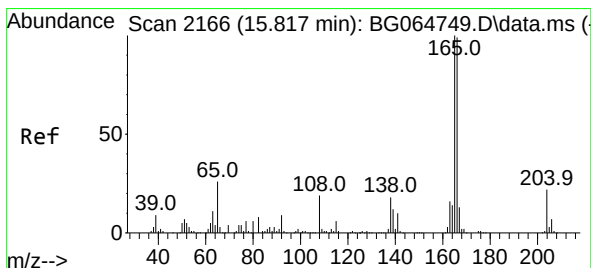
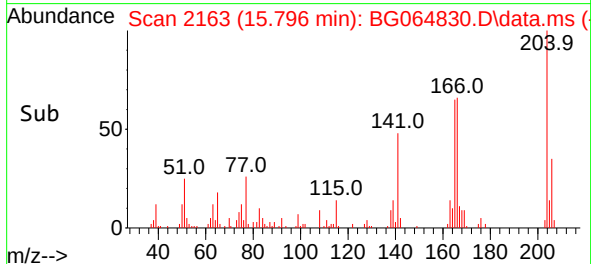
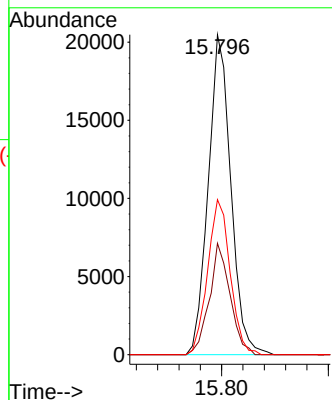
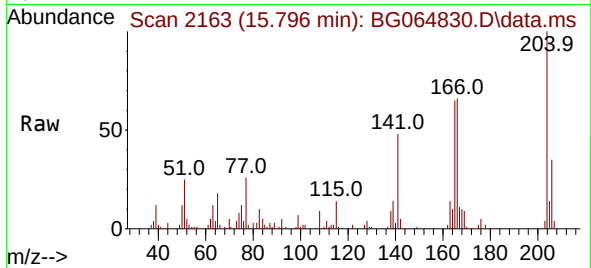




#61
4-Chlorophenyl-phenylether
Concen: 4.082 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

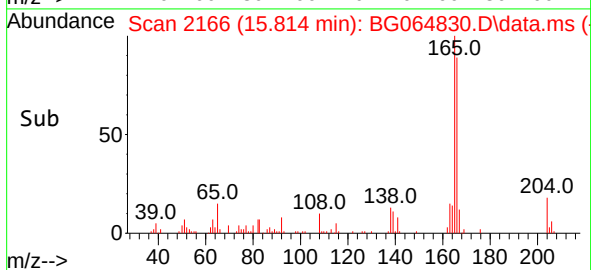
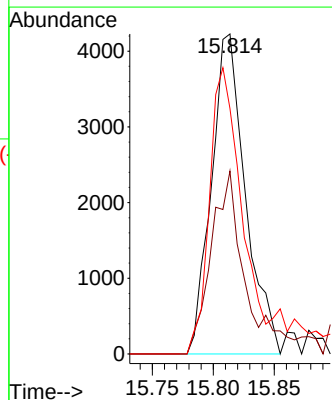
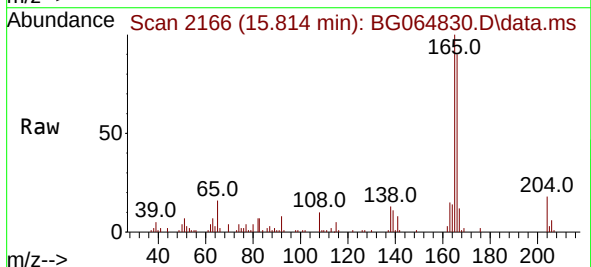
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

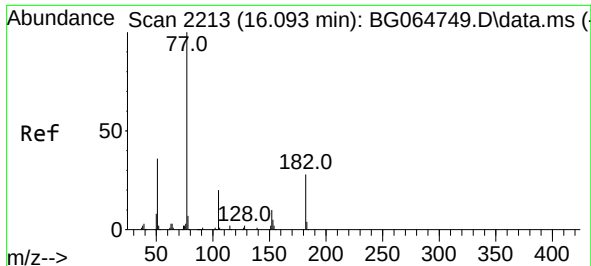
Tgt Ion:204 Resp: 30104
Ion Ratio Lower Upper
204 100
206 34.8 26.9 40.3
141 48.4 38.1 57.1



#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

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#

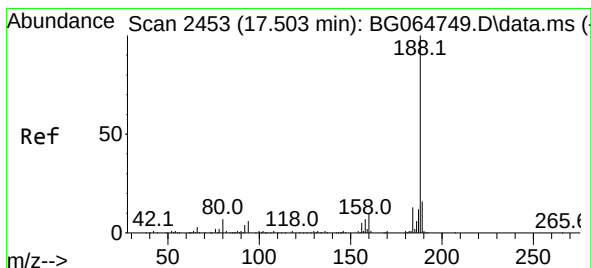
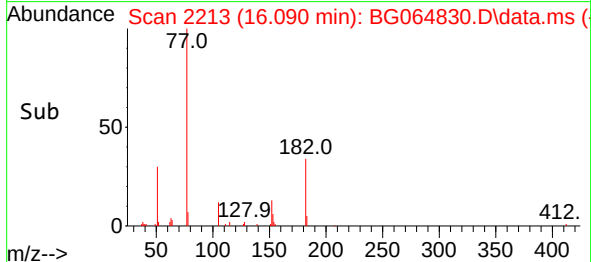
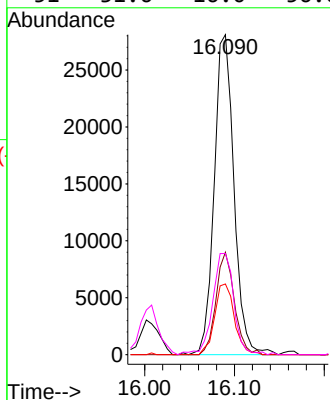
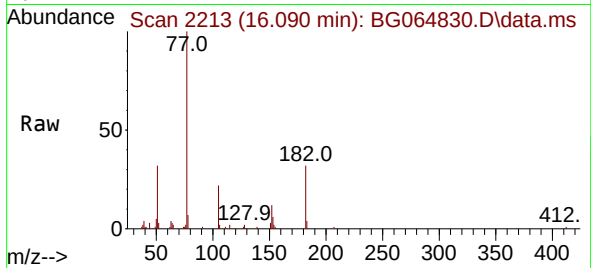




#63
 Azobenzene
 Concen: 4.173 ng
 RT: 16.090 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

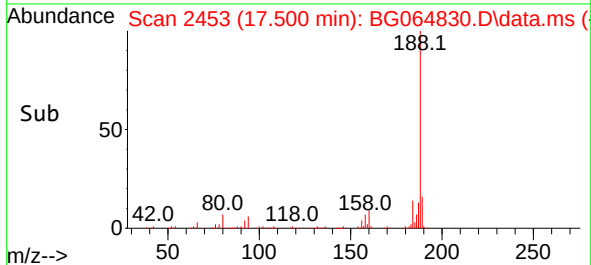
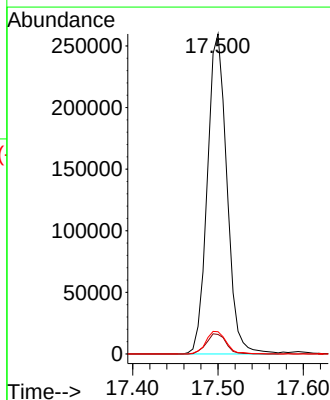
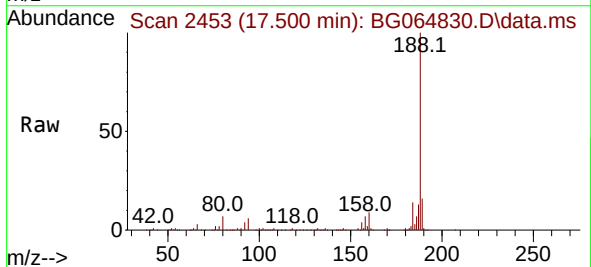
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

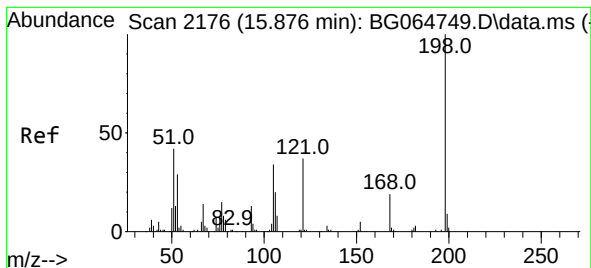
Tgt Ion: 77	Resp: 42947
Ion Ratio	Lower Upper
77 100	
182 32.0	8.1 48.1
105 22.1	0.1 40.1
51 31.6	16.0 56.0



#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

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

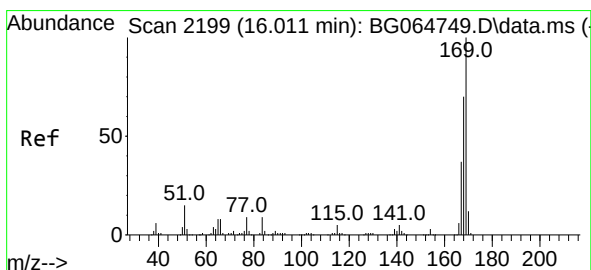
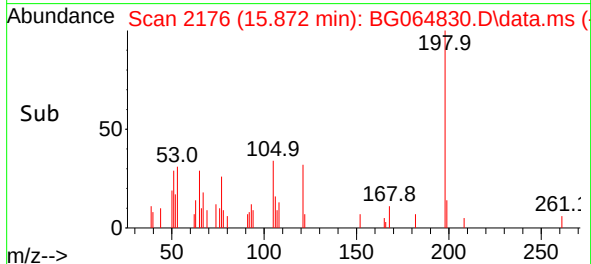
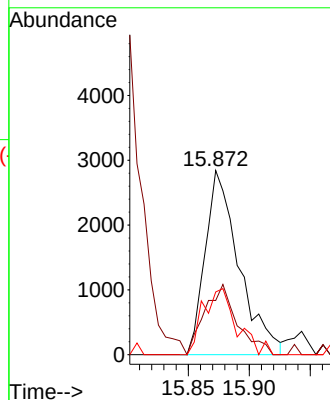
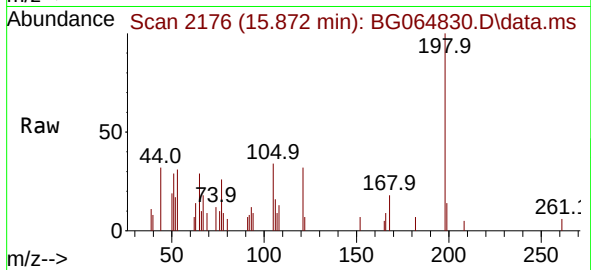




#65
4,6-Dinitro-2-methylphenol
Concen: 2.386 ng
RT: 15.872 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

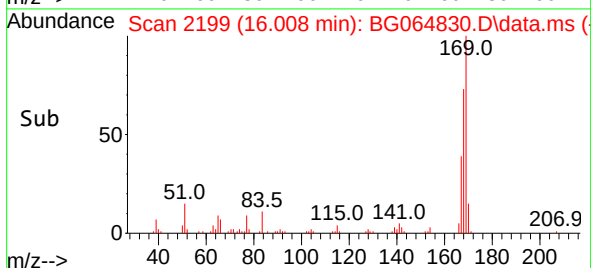
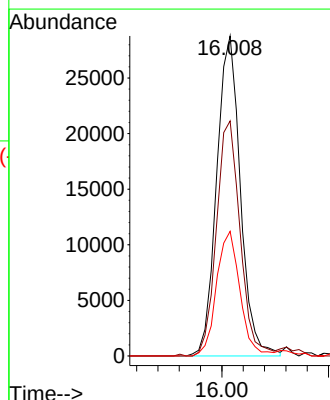
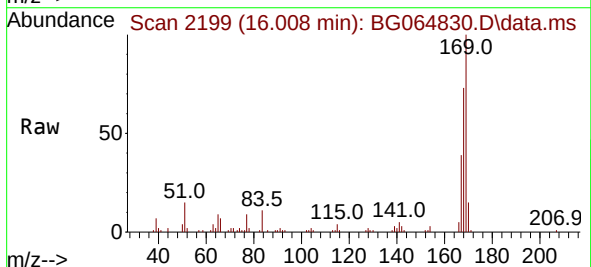
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

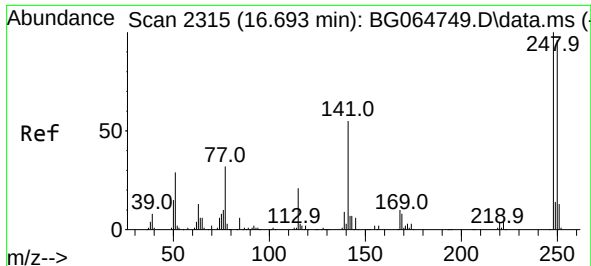
Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.4	25.2	65.2
105	34.0	14.2	54.2



#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	Ratio	Lower	Upper
169	100		
168	73.4	55.9	83.9
167	39.0	29.8	44.6

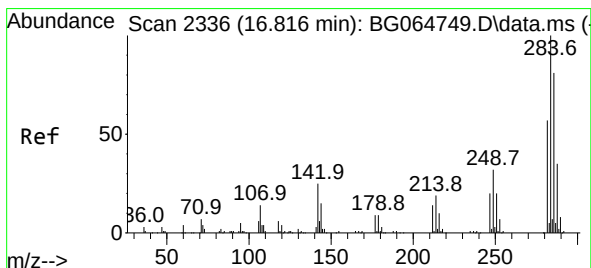
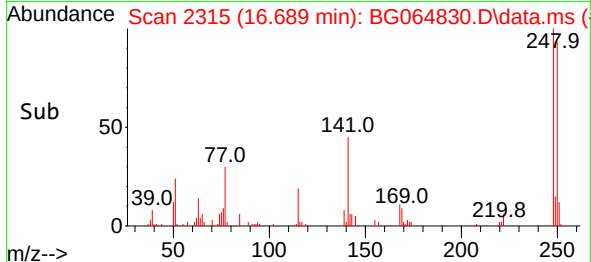
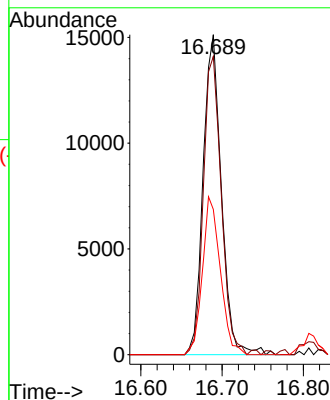
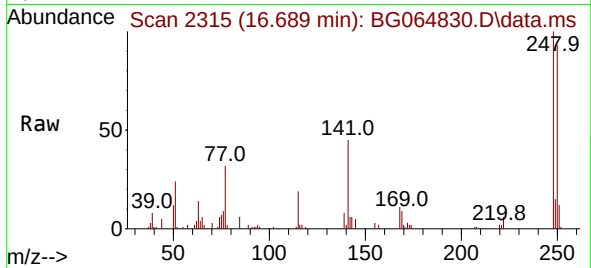




#67
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 16.689 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

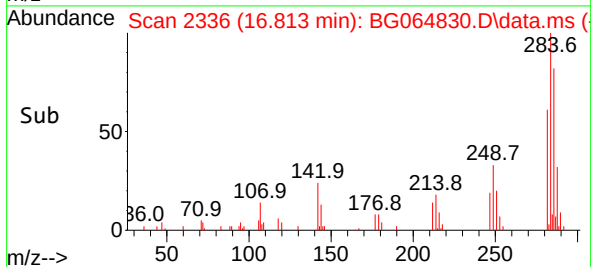
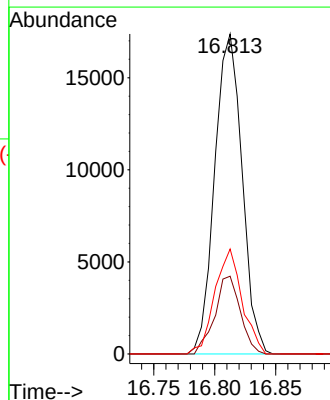
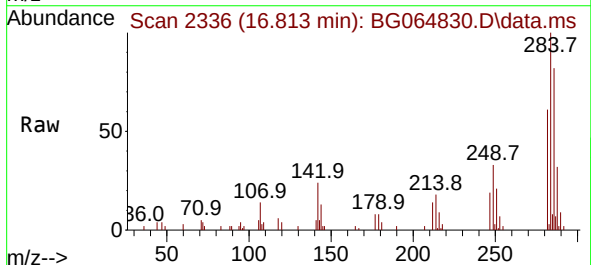
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

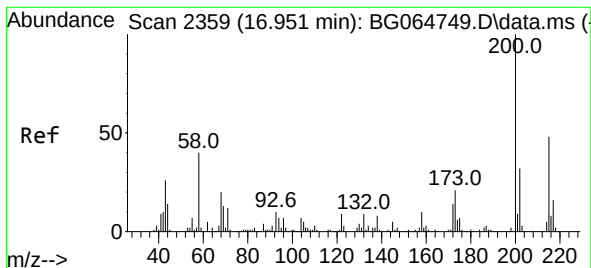
Tgt Ion:248 Resp: 23630
Ion Ratio Lower Upper
248 100
250 93.2 77.0 115.6
141 45.4 43.7 65.5



#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# 21

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

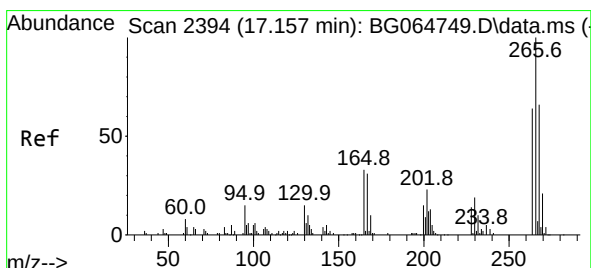
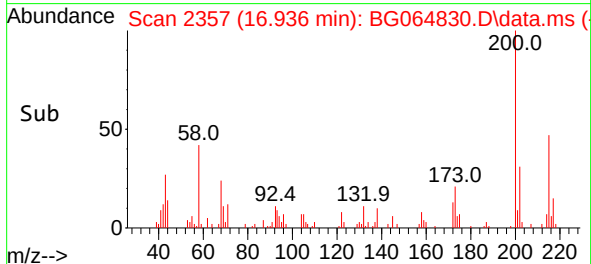
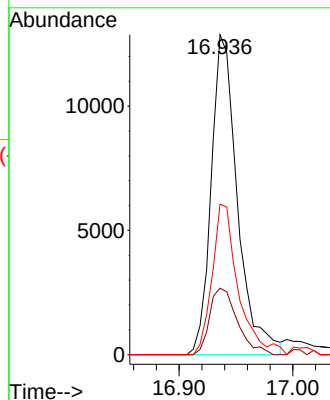
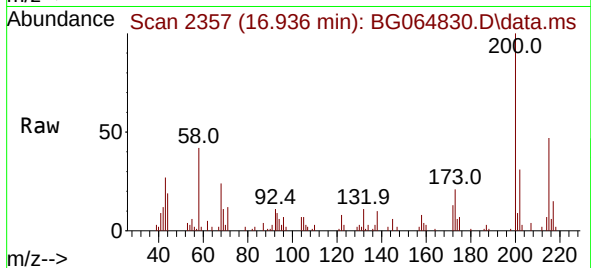
Tgt Ion:200 Resp: 20642

Ion Ratio Lower Upper

200 100

173 20.8 0.9 40.9

215 47.0 27.5 67.5



#70

Pentachlorophenol

Concen: 8.173 ng

RT: 17.153 min Scan# 2394

Delta R.T. -0.004 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

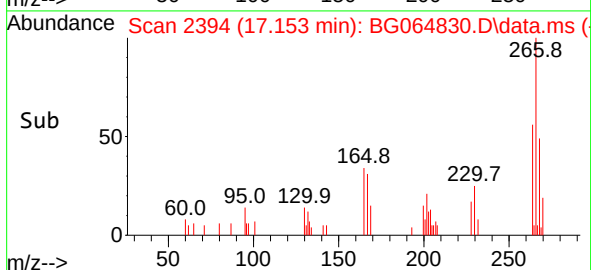
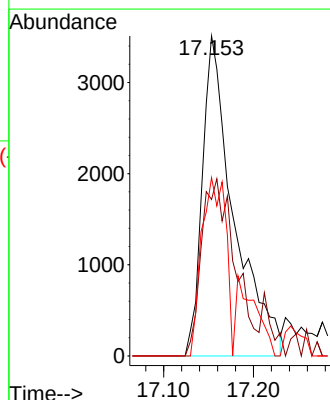
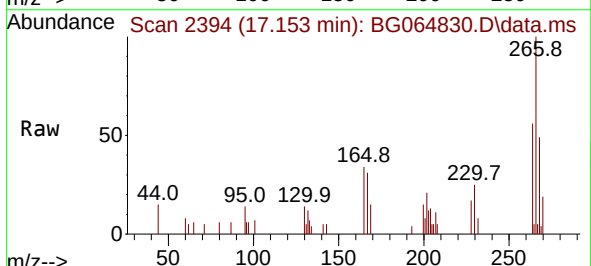
Tgt Ion:266 Resp: 8571

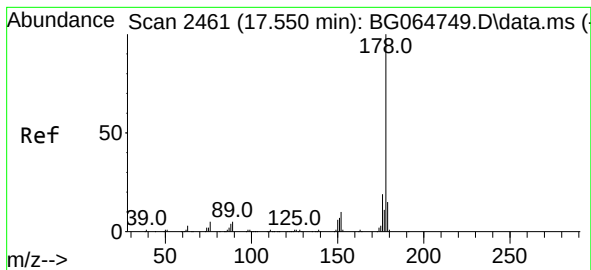
Ion Ratio Lower Upper

266 100

268 48.9 56.1 84.1#

264 60.5 51.2 76.8





#71

Phenanthrene

Concen: 4.211 ng

RT: 17.541 min Scan# 24

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

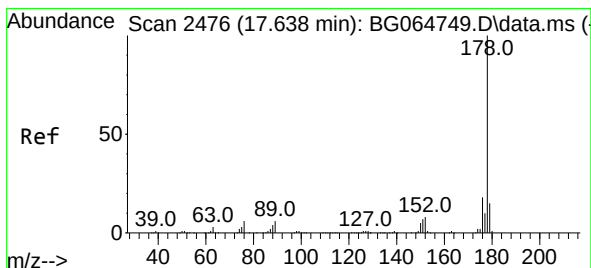
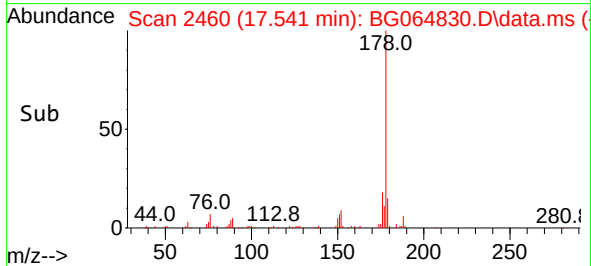
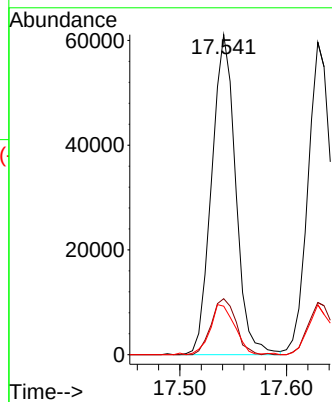
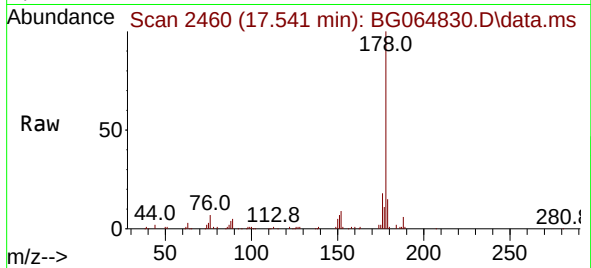
Tgt Ion:178 Resp: 95398

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# 2475

Delta R.T. -0.009 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

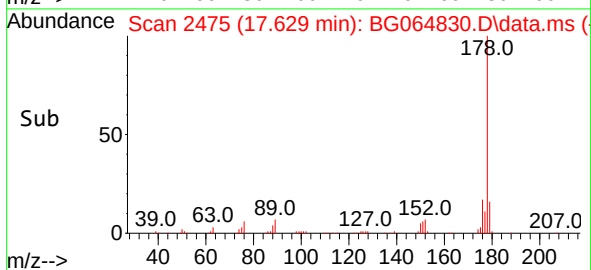
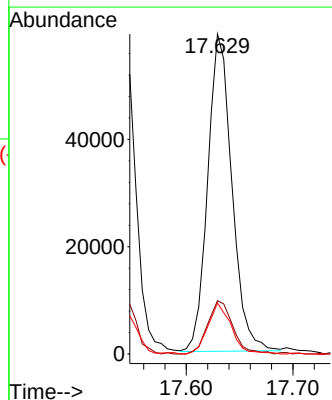
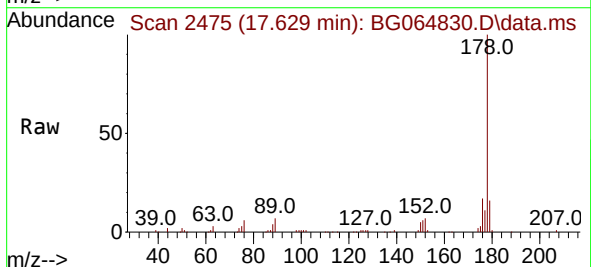
Tgt Ion:178 Resp: 93547

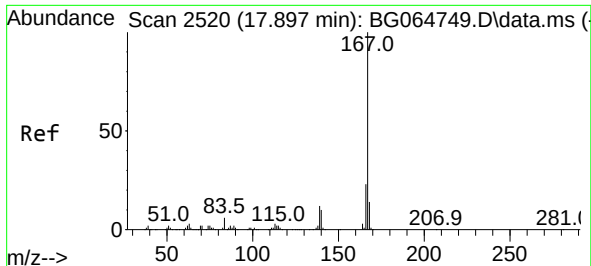
Ion Ratio Lower Upper

178 100

176 16.7 14.5 21.7

179 16.0 12.2 18.4

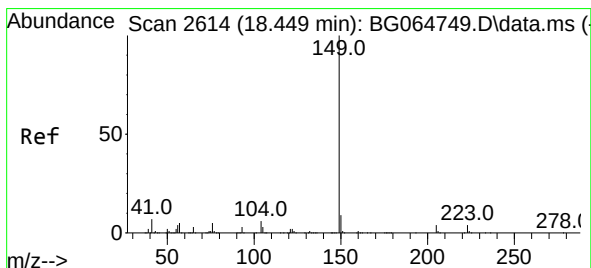
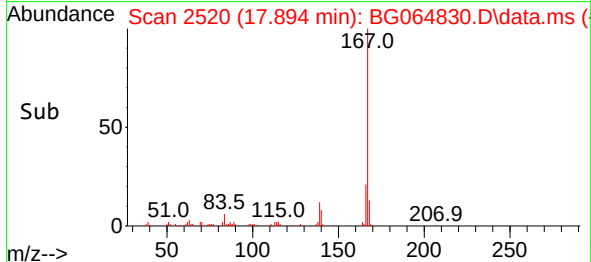
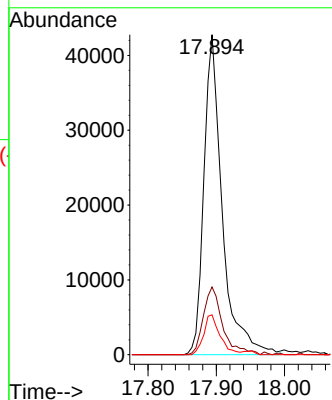
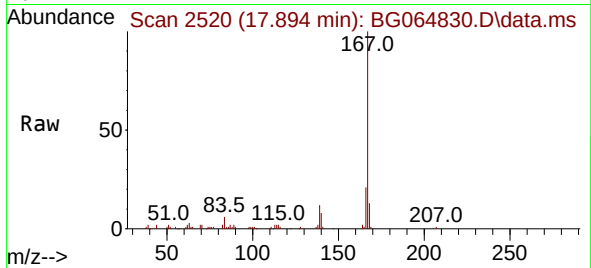




#73
 Carbazole
 Concen: 4.028 ng
 RT: 17.894 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064830.D
 Acq: 20 Nov 2025 12:12

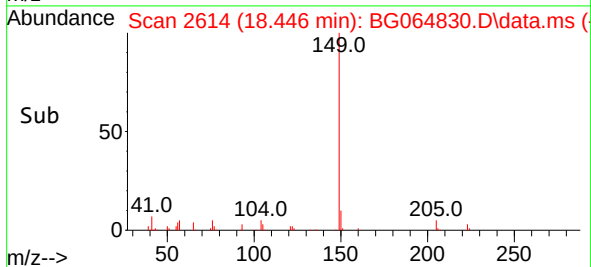
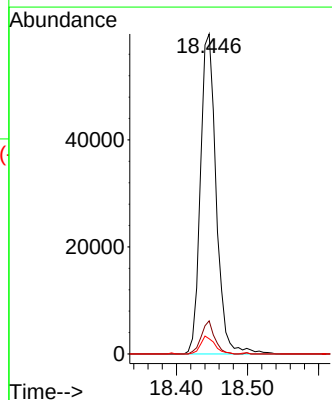
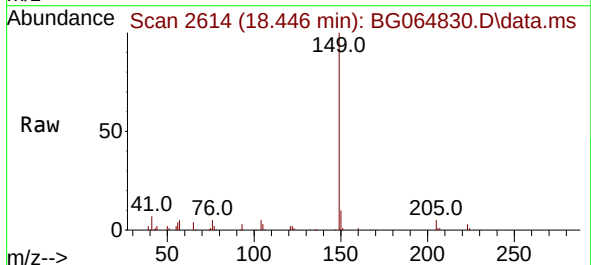
Instrument : BNA_G
 ClientSampleId : LOQ-WATER-02-QT4-2025

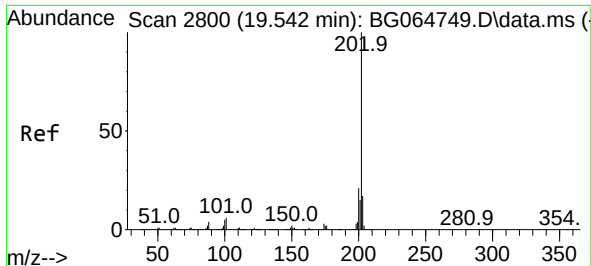
Tgt Ion:167	Resp:	79979
Ion Ratio	Lower	Upper
167	100	
166	21.1	18.0 27.0
139	12.5	9.7 14.5



#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

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

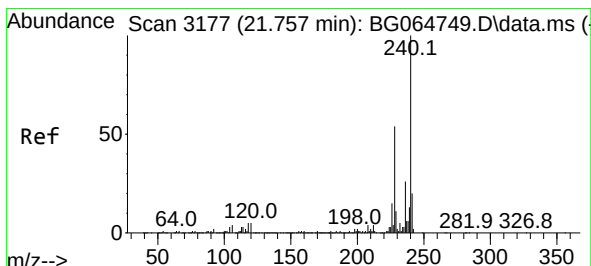
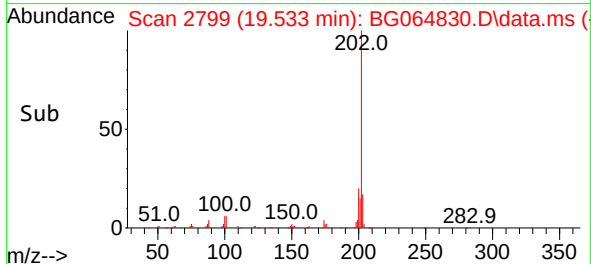
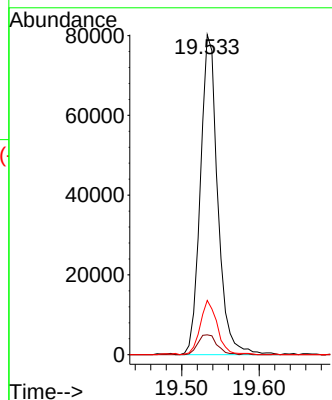
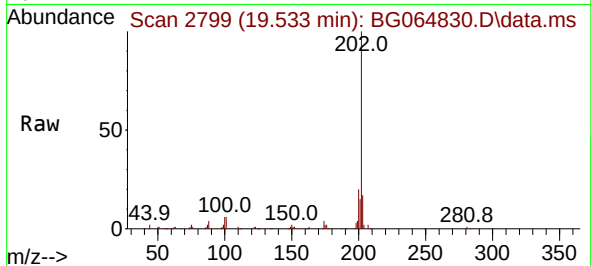




#75
Fluoranthene
Concen: 4.024 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

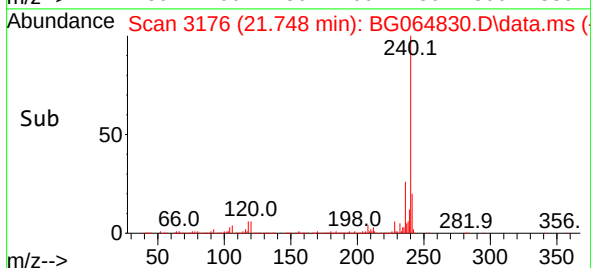
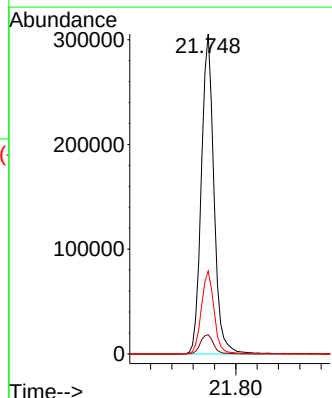
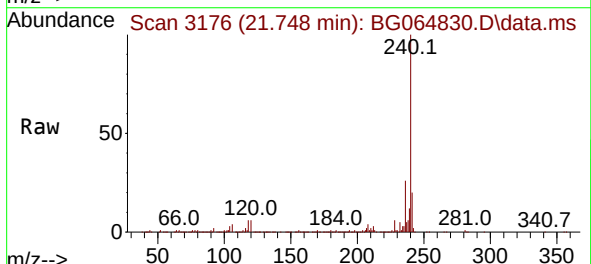
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

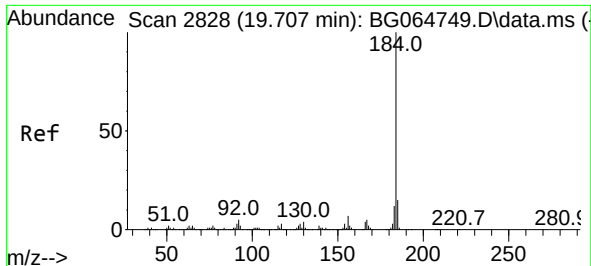
Tgt Ion:202 Resp: 124652
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.4
203 17.0 0.0 37.5



#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

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

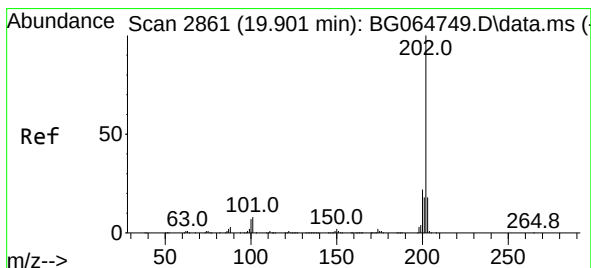
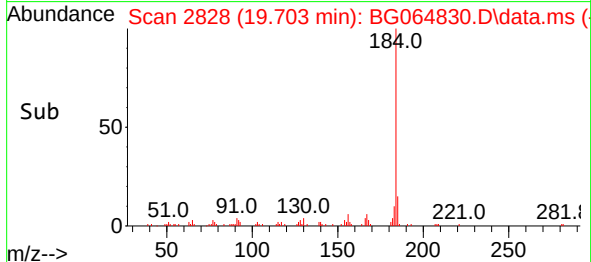
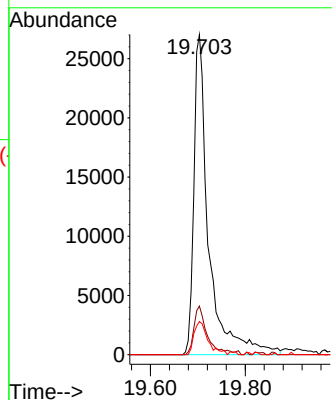
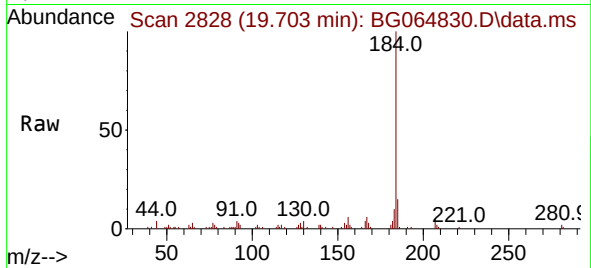




#77
Benzidine
Concen: 3.880 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

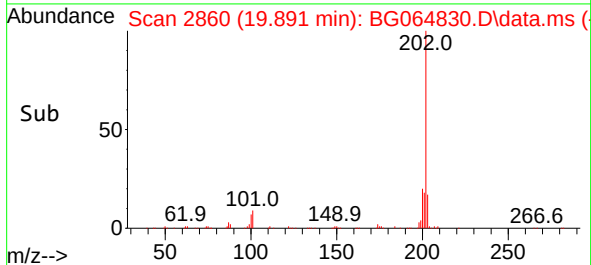
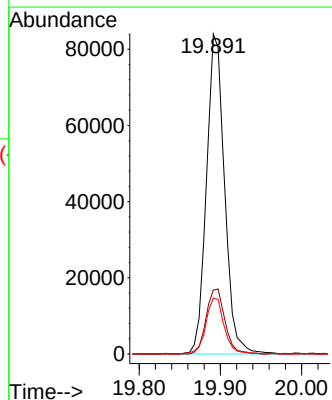
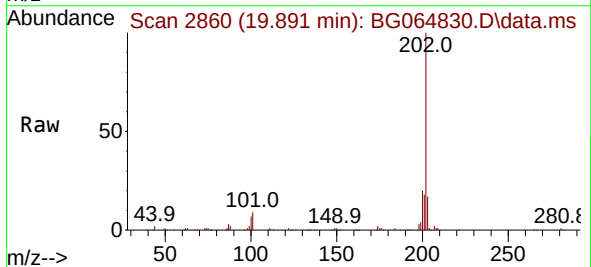
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

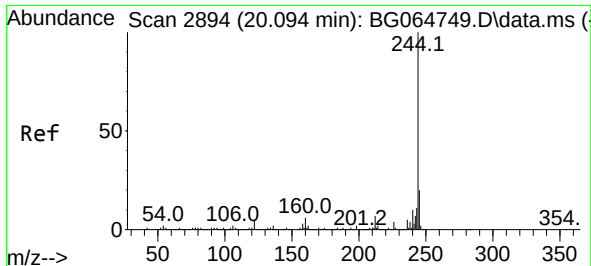
Tgt Ion:184 Resp: 58298
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 10.4 9.8 14.6



#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

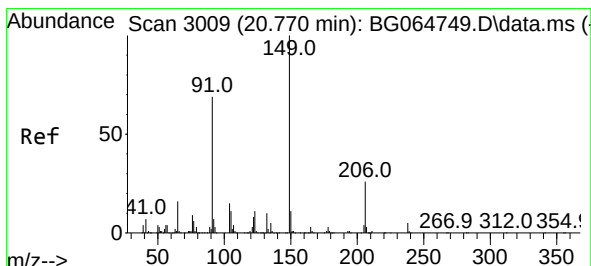
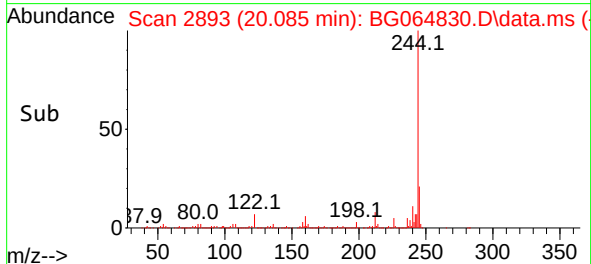
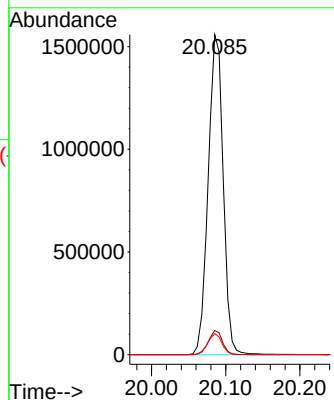
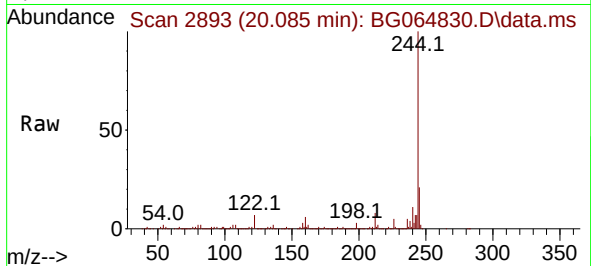




#79
Terphenyl-d14
Concen: 85.952 ng
RT: 20.085 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

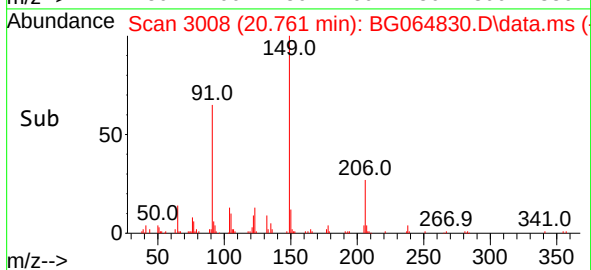
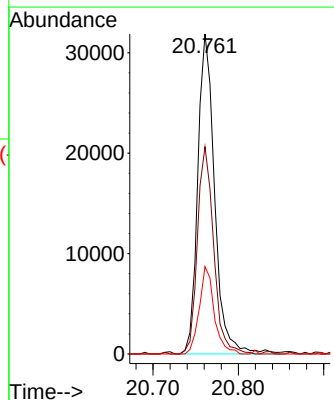
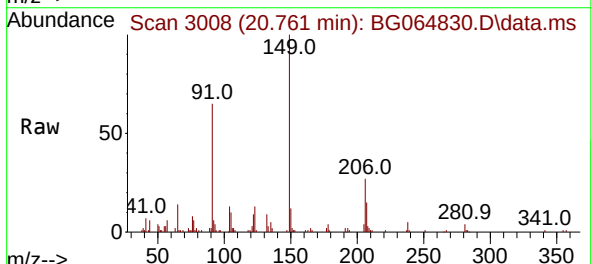
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

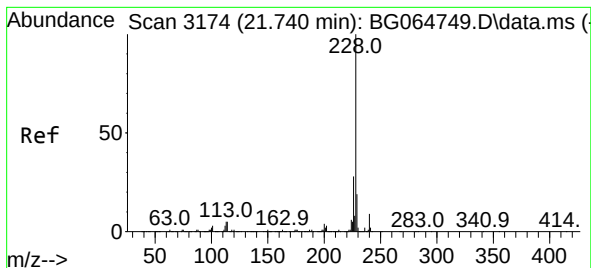
Tgt Ion:244 Resp: 2192173
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 6.6 4.3 6.5#



#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

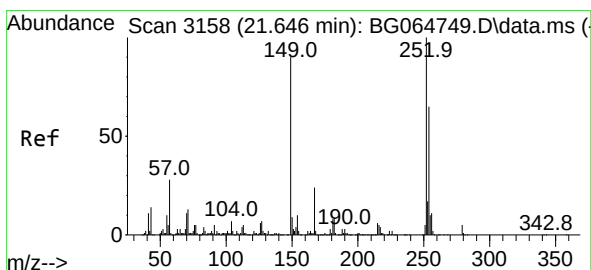
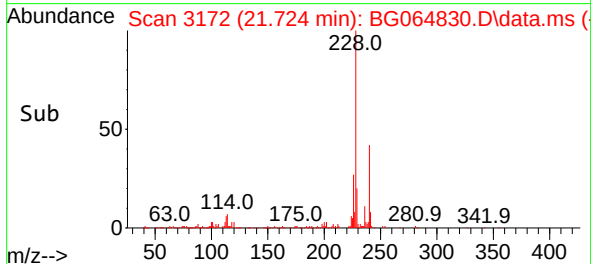
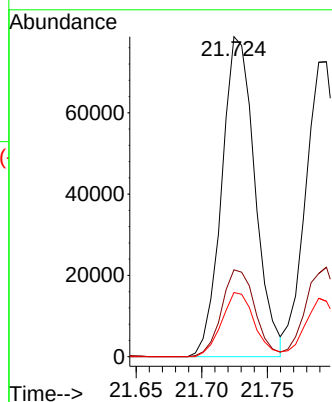
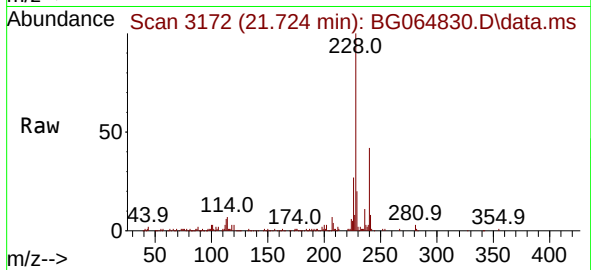
Tgt Ion:228 Resp: 138561

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 3.920 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.009 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

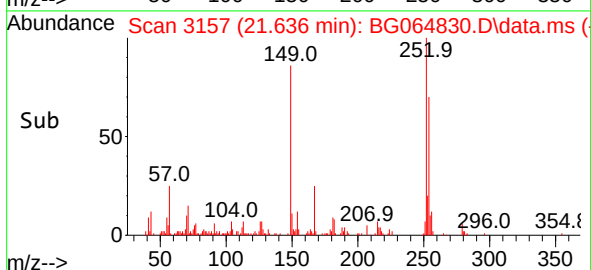
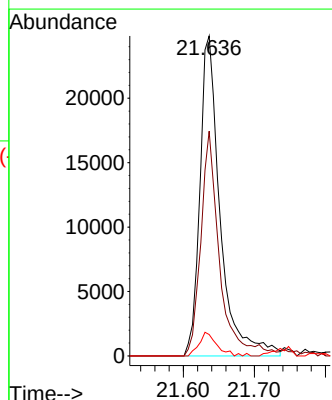
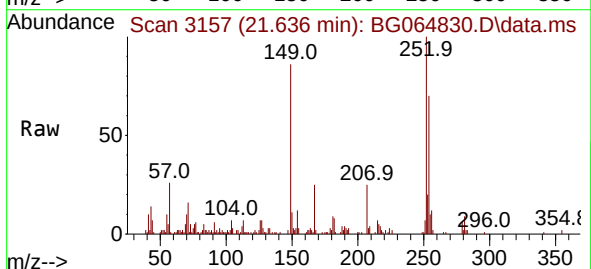
Tgt Ion:252 Resp: 49226

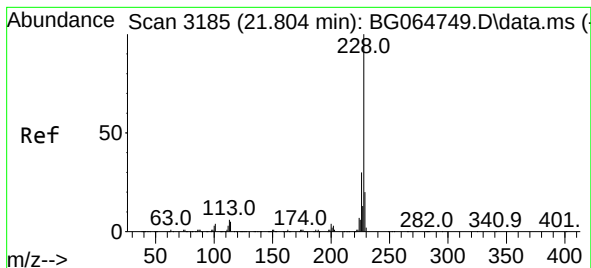
Ion Ratio Lower Upper

252 100

254 70.2 51.8 77.8

126 6.7 4.7 7.1





#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

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2025

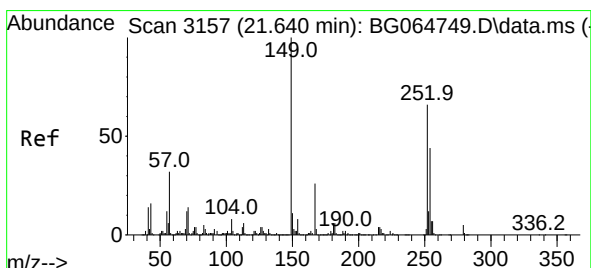
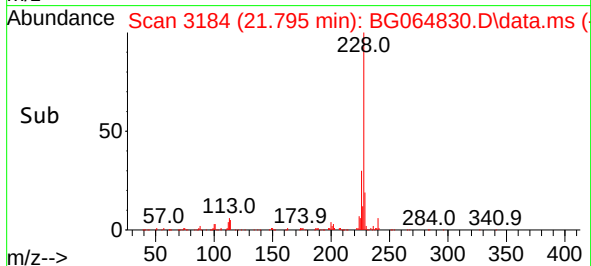
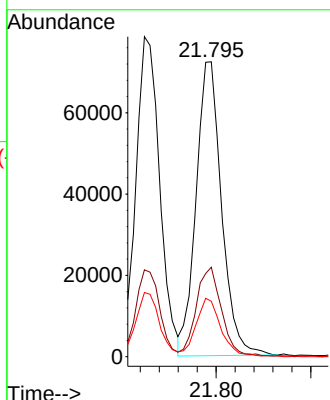
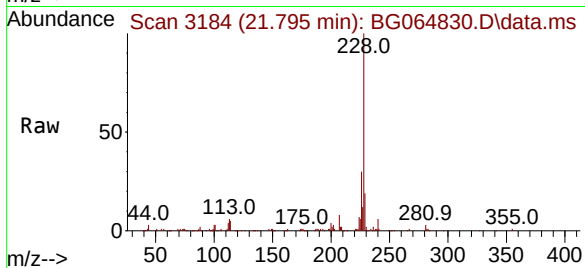
Tgt Ion:228 Resp: 135518

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

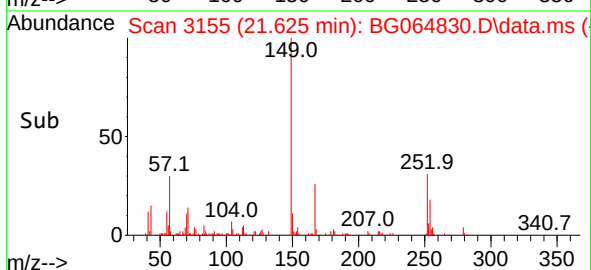
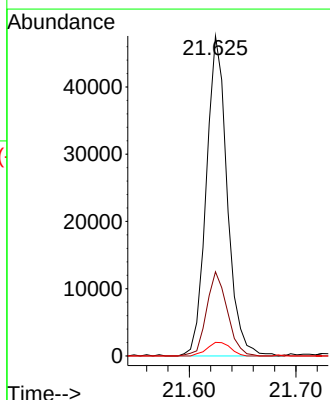
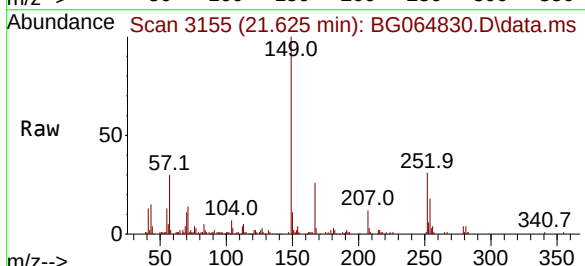
Tgt Ion:149 Resp: 64771

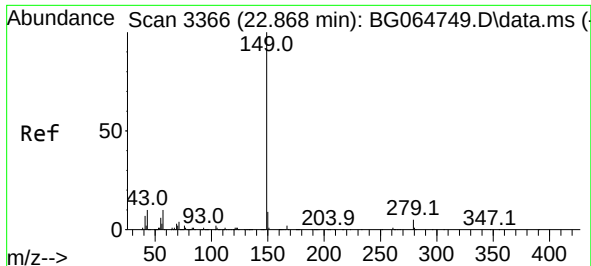
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 4.3 4.1 6.1

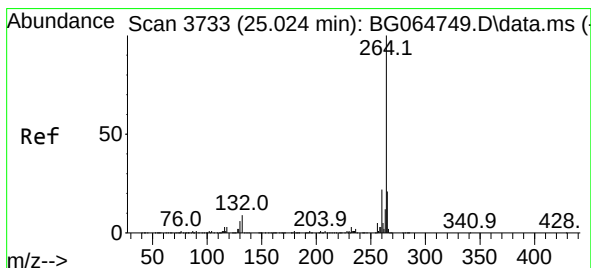
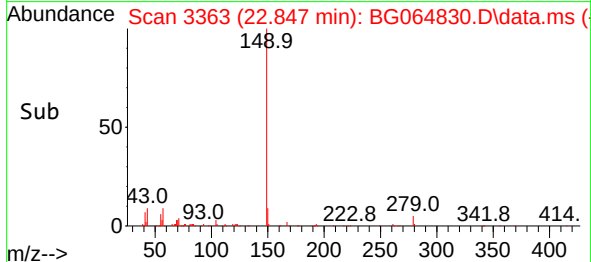
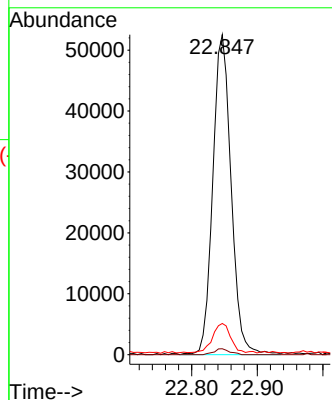
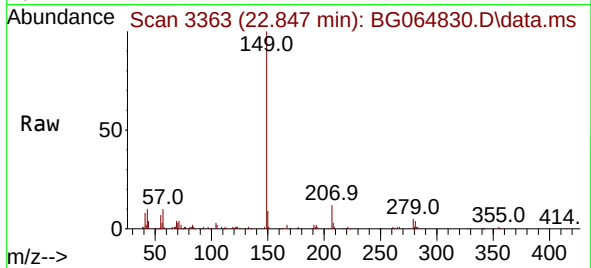




#85
Di-n-octyl phthalate
Concen: 4.076 ng
RT: 22.847 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG064830.D
Acq: 20 Nov 2025 12:12

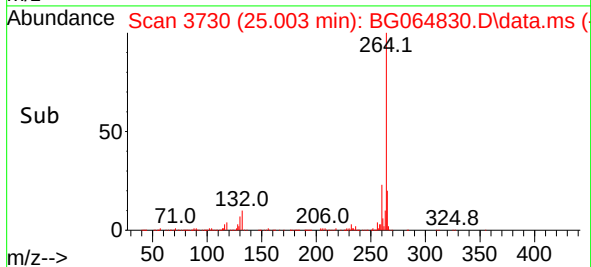
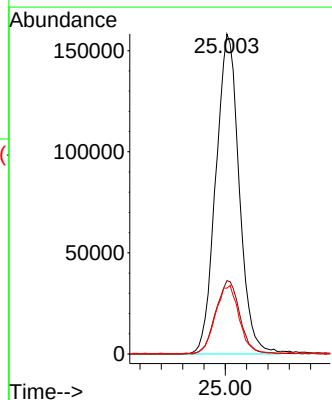
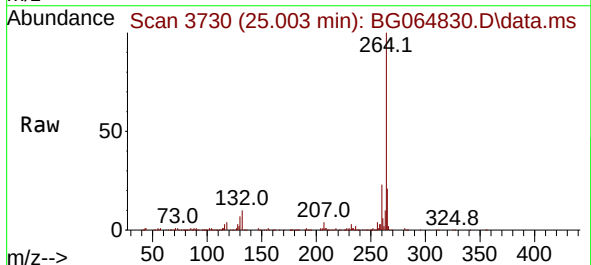
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

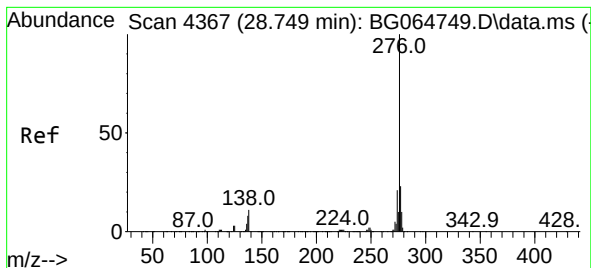
Tgt Ion:149 Resp: 101827
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.3 12.5



#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# 41

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

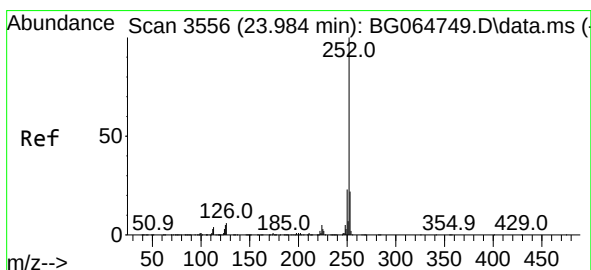
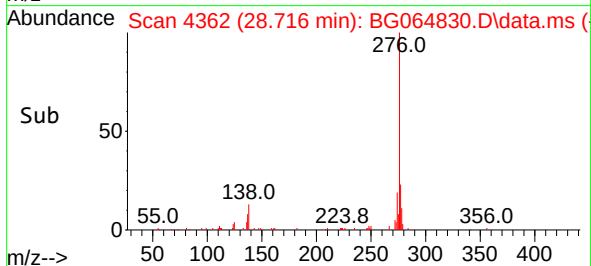
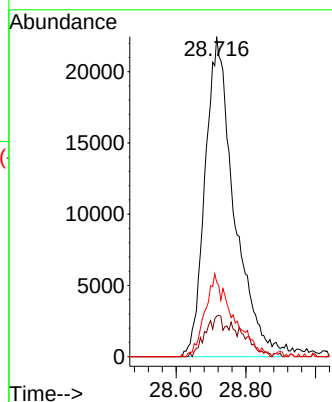
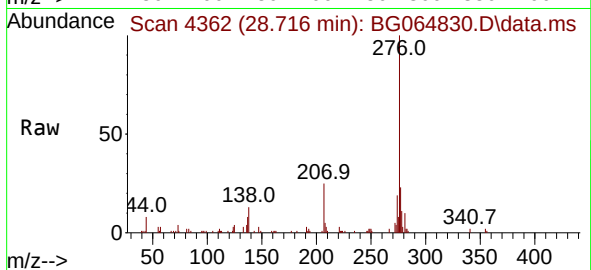
Tgt Ion:276 Resp: 130095

Ion Ratio Lower Upper

276 100

138 8.0 4.5 6.7#

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 4.199 ng

RT: 24.034 min Scan# 3565

Delta R.T. 0.050 min

Lab File: BG064830.D

Acq: 20 Nov 2025 12:12

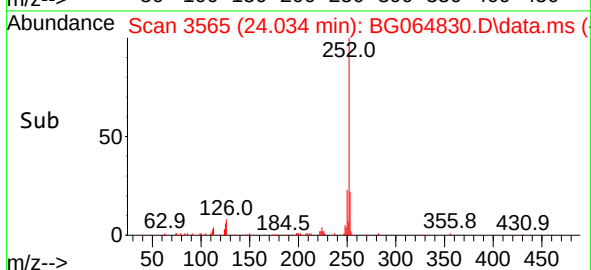
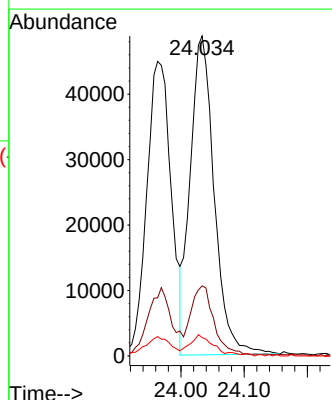
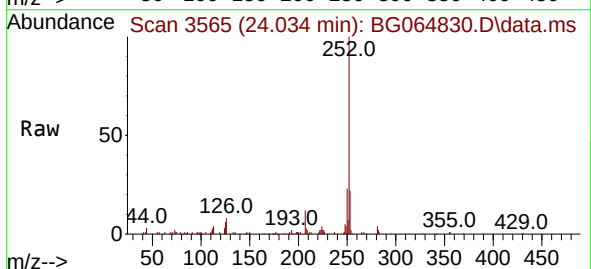
Tgt Ion:252 Resp: 128765

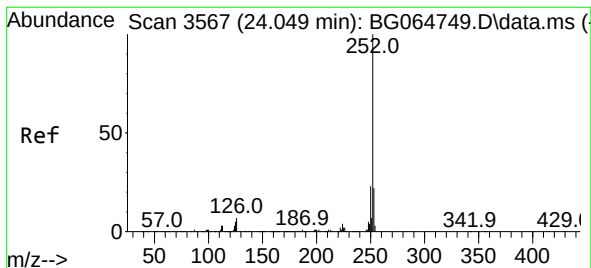
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 5.7 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 4.179 ng

RT: 24.034 min Scan# 3

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

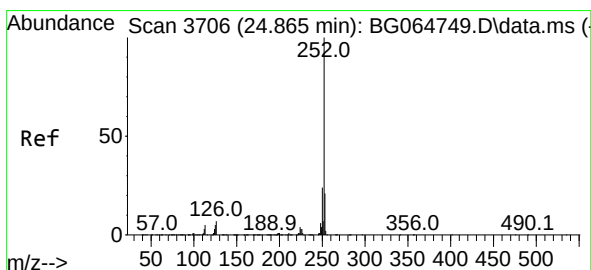
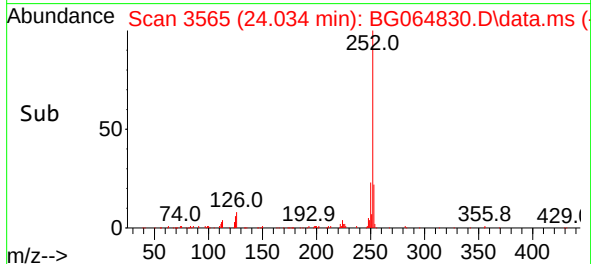
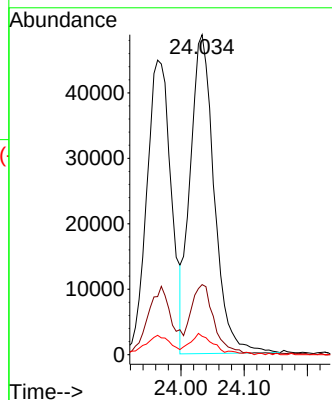
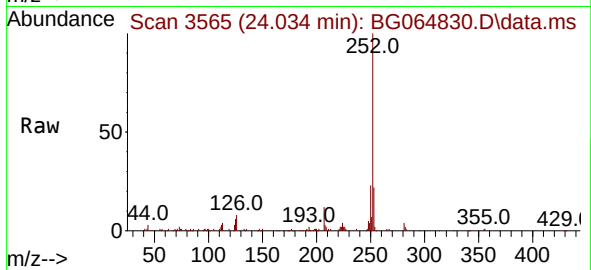
Tgt Ion:252 Resp: 128765

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.7 4.1 6.1



#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

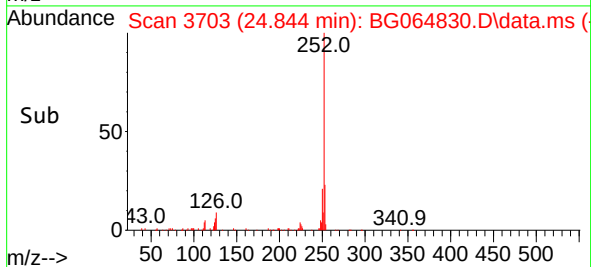
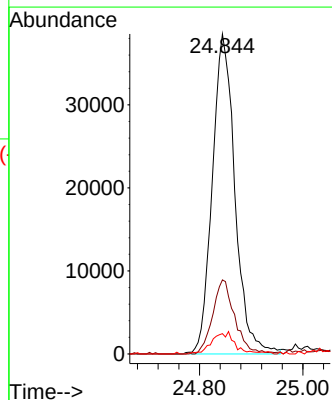
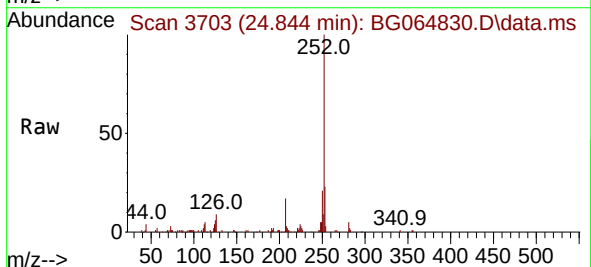
Tgt Ion:252 Resp: 117121

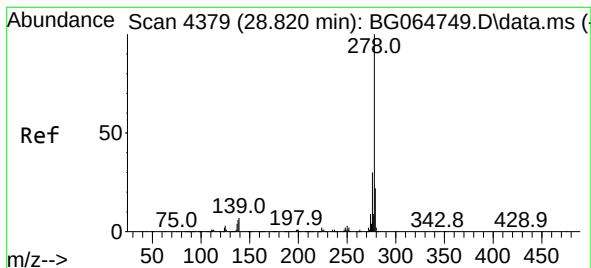
Ion Ratio Lower Upper

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# 41

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

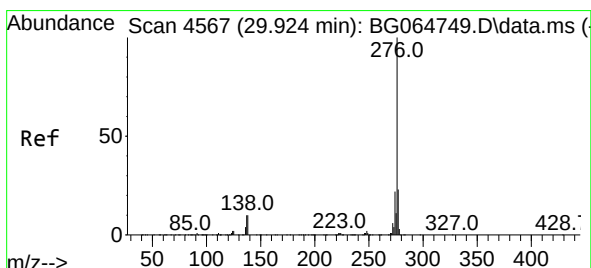
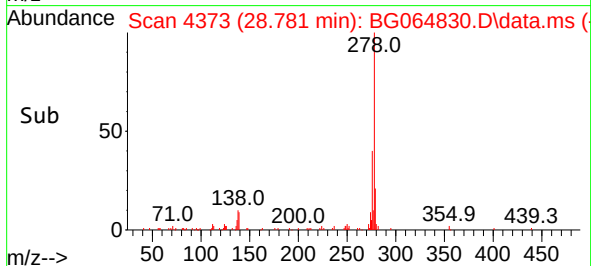
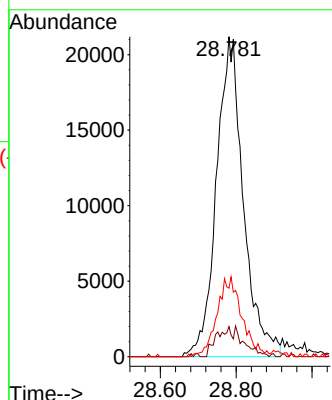
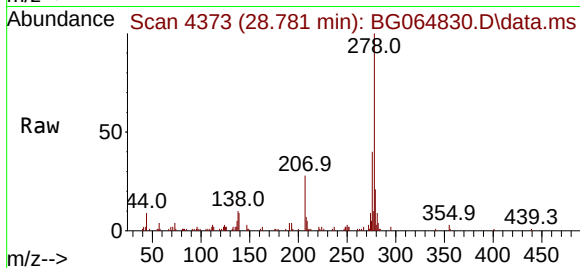
Tgt Ion:278 Resp: 104371

Ion Ratio Lower Upper

278 100

139 9.4 5.8 8.8#

279 21.4 17.3 25.9



#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#

