

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064817.D
 Acq On : 19 Nov 2025 15:57
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-2.5PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 19 16:33:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	44497	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	177607	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	150709	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	371324	20.000	ng	0.00
76) Chrysene-d12	21.748	240	443925	20.000	ng	# 0.00
86) Perylene-d12	25.009	264	425566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	291003	114.200	ng	0.00
7) Phenol-d6	7.306	99	386865	114.146	ng	0.00
23) Nitrobenzene-d5	9.327	82	258462	71.952	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	341932	116.331	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	748587	69.308	ng	0.00
79) Terphenyl-d14	20.091	244	1720879	76.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	2700	2.737	ng	# 79
4) n-Nitrosodimethylamine	3.851	42	3263	2.181	ng	# 86
6) Aniline	7.476	93	10008	2.215	ng	# 87
8) 2-Chlorophenol	7.723	128	5901	2.109	ng	94
9) Benzaldehyde	7.288	77	6354	2.864	ng	98
10) Phenol	7.335	94	7830	2.123	ng	86
11) bis(2-Chloroethyl)ether	7.570	93	5742	2.188	ng	91
12) 1,3-Dichlorobenzene	8.522	146	6916	2.148	ng	98
13) 1,4-Dichlorobenzene	8.052	146	7334	2.237	ng	96
14) 1,2-Dichlorobenzene	8.522	146	6917	2.176	ng	98
18) Hexachloroethane	9.262	117	2657	2.140	ng	85
19) n-Nitroso-di-n-propyla...	8.963	70	5039	2.199	ng	# 92
22) Acetophenone	8.986	105	10265	2.121	ng	# 98
24) Nitrobenzene	9.362	77	9231	2.543	ng	# 88
25) Isophorone	9.891	82	14306	2.091	ng	97
28) bis(2-Chloroethoxy)met...	10.373	93	7658	2.039	ng	99
30) 1,2,4-Trichlorobenzene	10.837	180	8201	2.181	ng	99
31) Naphthalene	11.031	128	23041	2.289	ng	97
32) Benzoic acid	10.261	122	69	5.911	ng	# 1
33) 4-Chloroaniline	11.131	127	8094	2.010	ng	# 89
34) Hexachlorobutadiene	11.313	225	6901	2.139	ng	89
38) 1-Methylnaphthalene	12.841	142	15625	2.088	ng	97
40) 1,2,4,5-Tetrachloroben...	12.987	216	12215	2.083	ng	97
46) 1,1'-Biphenyl	13.616	154	24181	2.234	ng	91
47) 2-Chloronaphthalene	13.657	162	18240	2.139	ng	98
49) Acenaphthylene	14.497	152	29629	2.034	ng	100
50) Dimethylphthalate	14.215	163	25803	2.167	ng	99
52) Acenaphthene	14.832	154	17739	2.031	ng	96
54) 2,4-Dinitrophenol	14.885	184	133	8.660	ng	# 20
55) Dibenzofuran	15.167	168	31202	2.161	ng	92
58) Fluorene	15.808	166	23914	2.111	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.390	232	7860	2.063	ng	# 98
60) Diethylphthalate	15.567	149	24473	2.146	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.796	204	14556	2.141	ng	95
63) Azobenzene	16.090	77	20345	2.145	ng	96
66) n-Nitrosodiphenylamine	16.007	169	21133	2.173	ng	94

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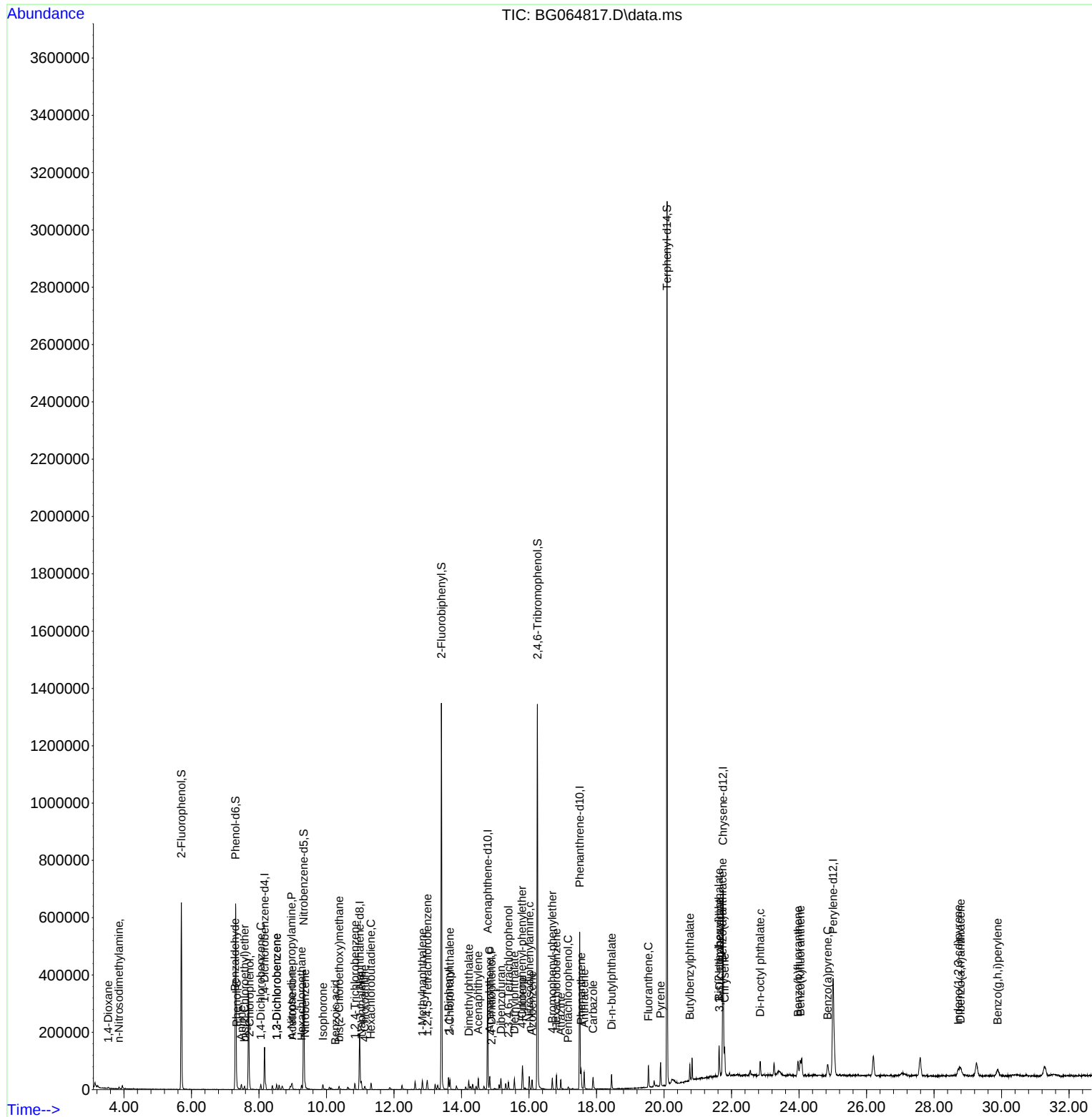
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	16.689	248	10924	2.240	ng	96
68) Hexachlorobenzene	16.812	284	12789	2.165	ng	97
69) Atrazine	16.942	200	9528	2.032	ng	79
70) Pentachlorophenol	17.159	266	3270	7.006	ng #	89
71) Phenanthrene	17.541	178	45236	2.227	ng	95
72) Anthracene	17.635	178	43730	2.111	ng	96
73) Carbazole	17.899	167	36520	2.051	ng	94
74) Di-n-butylphthalate	18.446	149	43708	2.200	ng	98
75) Fluoranthene	19.539	202	58459	2.104	ng	96
78) Pyrene	19.897	202	61764	2.482	ng	97
80) Butylbenzylphthalate	20.767	149	21605	2.469	ng	96
81) Benzo(a)anthracene	21.730	228	65704	2.177	ng	98
82) 3,3'-Dichlorobenzidine	21.642	252	22444	2.020	ng	99
83) Chrysene	21.795	228	63202	2.221	ng	98
84) Bis(2-ethylhexyl)phtha...	21.630	149	31848	2.490	ng	96
85) Di-n-octyl phthalate	22.846	149	50440	2.282	ng #	95
87) Indeno(1,2,3-cd)pyrene	28.716	276	60575	2.072	ng #	89
88) Benzo(b)fluoranthene	23.969	252	58086	2.145	ng #	96
89) Benzo(k)fluoranthene	24.039	252	61576	2.263	ng #	96
90) Benzo(a)pyrene	24.850	252	53787	2.141	ng #	97
91) Dibenzo(a,h)anthracene	28.787	278	50183	2.095	ng #	83
92) Benzo(g,h,i)perylene	29.879	276	47464	2.059	ng #	87

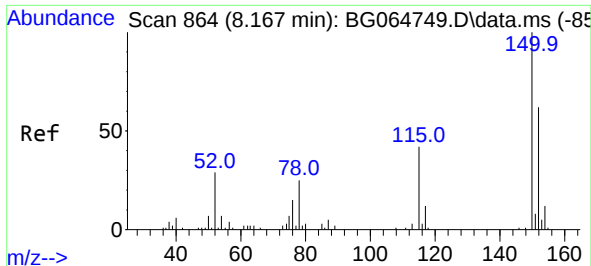
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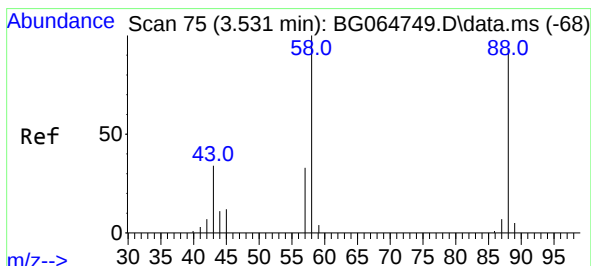
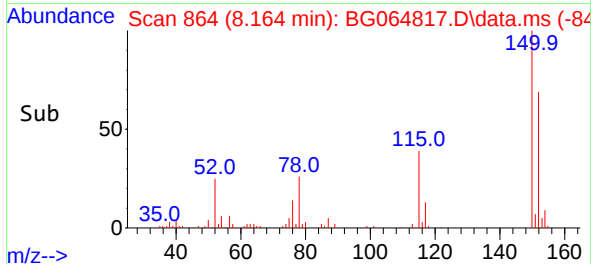
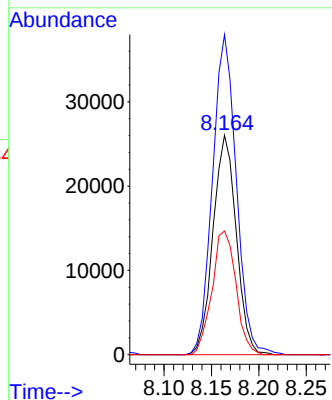
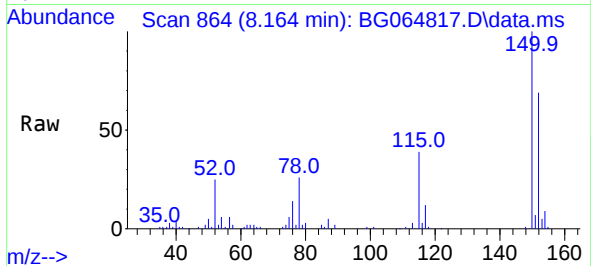




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064817.D
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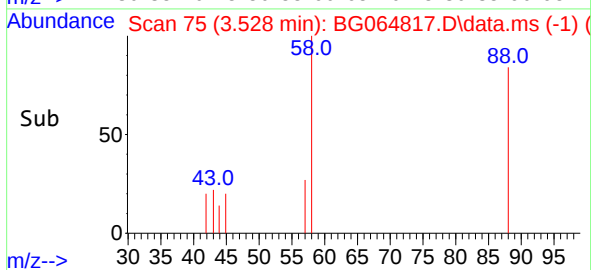
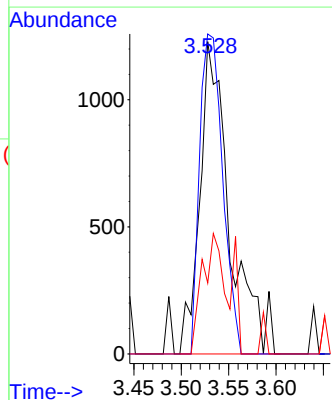
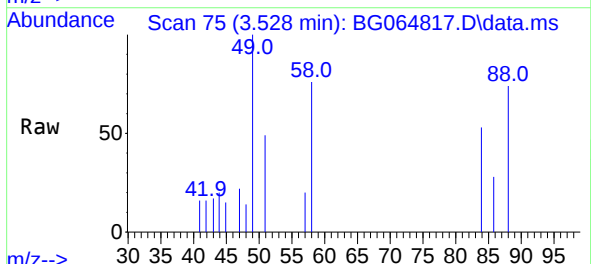
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ClientSampleId :
LOQ-WATER-02-QT4-2025

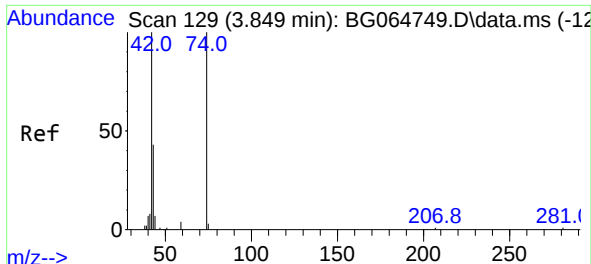
Tgt Ion:152 Resp: 44497
Ion Ratio Lower Upper
152 100
150 145.8 129.2 193.8
115 56.4 53.7 80.5



#2
1,4-Dioxane
Concen: 2.737 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 88 Resp: 2700
Ion Ratio Lower Upper
88 100
58 79.1 84.6 126.8#
43 33.8 30.0 45.0

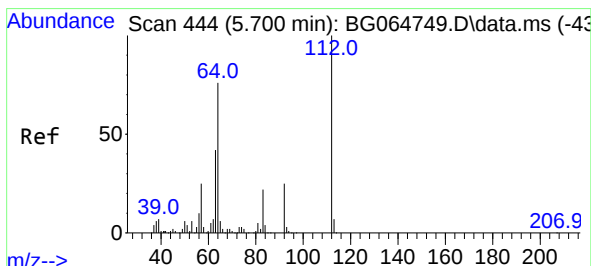
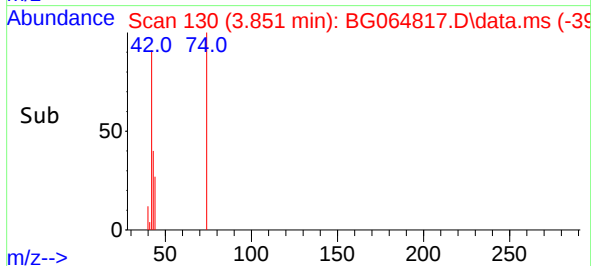
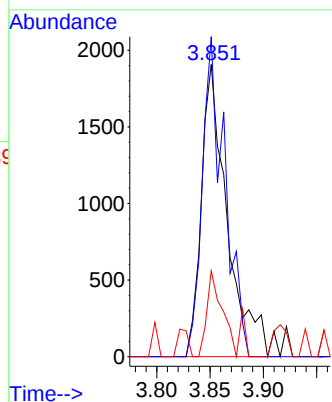
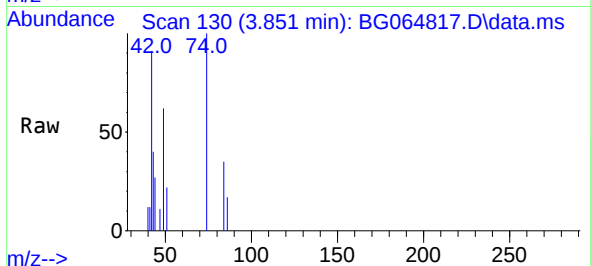




#4
n-Nitrosodimethylamine
Concen: 2.181 ng
RT: 3.851 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

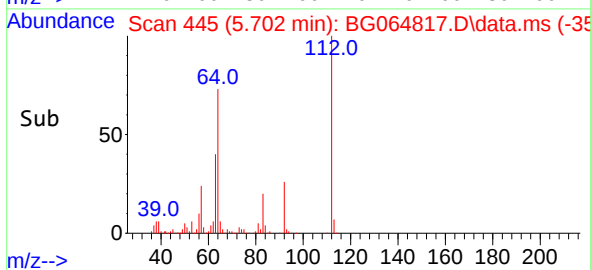
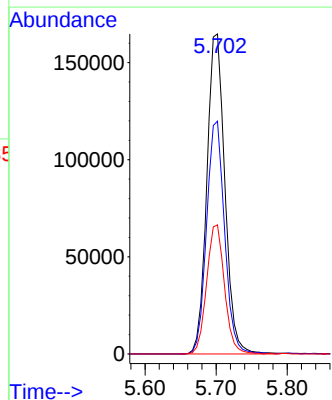
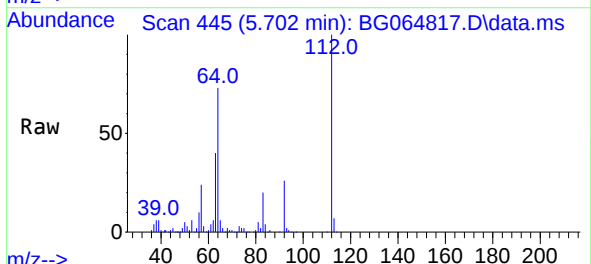
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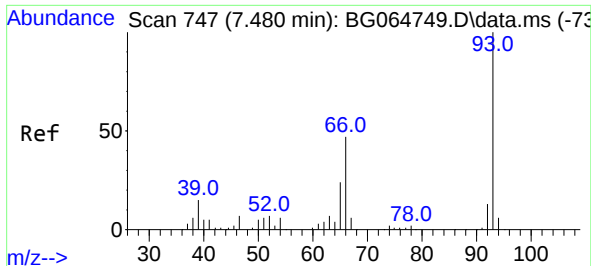
Tgt Ion: 42 Resp: 3263
Ion Ratio Lower Upper
42 100
74 109.5 79.8 119.6
44 29.4 5.9 8.9#



#5
2-Fluorophenol
Concen: 114.200 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 112 Resp: 291003
Ion Ratio Lower Upper
112 100
64 72.8 61.0 91.4
63 40.4 33.3 49.9

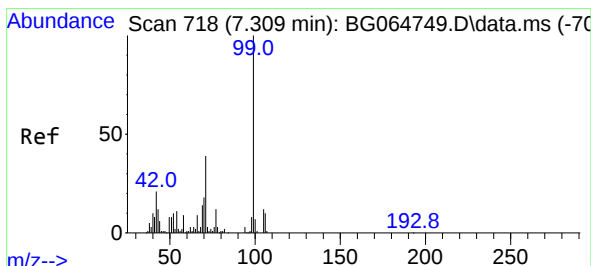
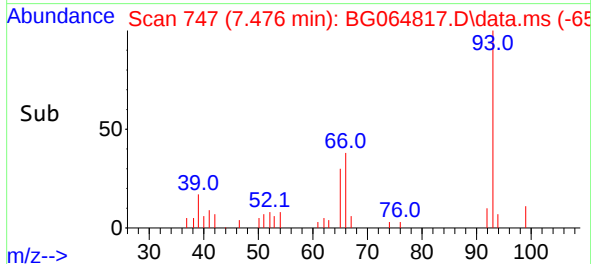
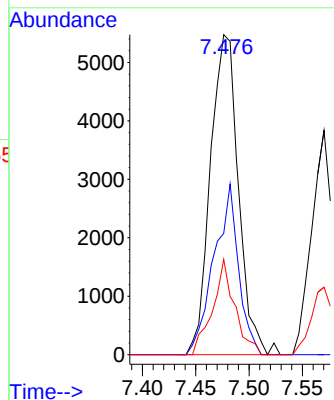
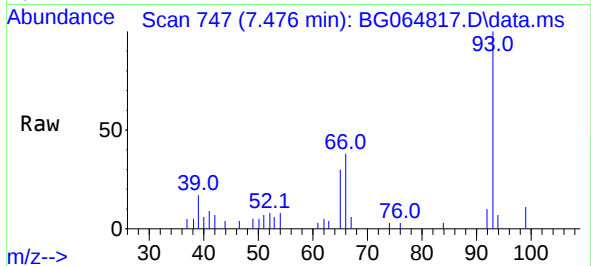




#6
Aniline
Concen: 2.215 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

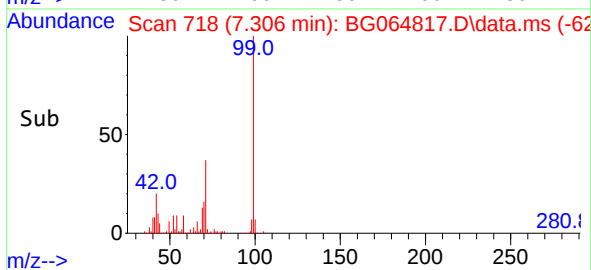
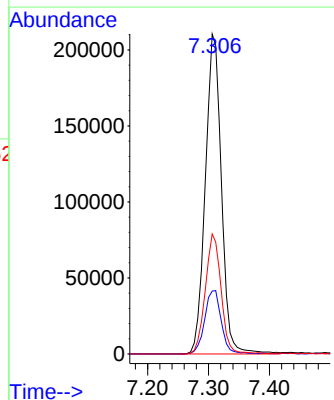
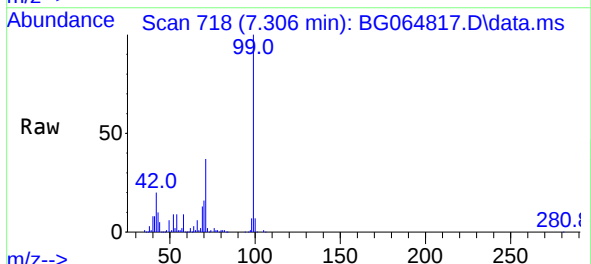
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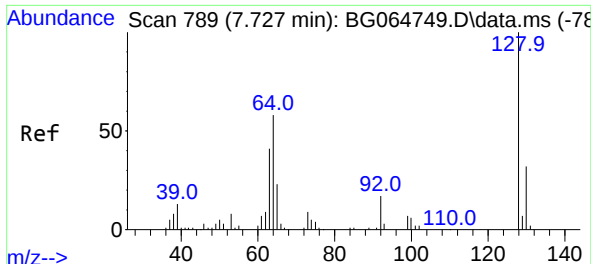
Tgt Ion: 93 Resp: 10008
Ion Ratio Lower Upper
93 100
66 37.9 37.7 56.5
65 29.8 19.1 28.7#



#7
Phenol-d6
Concen: 114.146 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 99 Resp: 386865
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 37.5 31.1 46.7

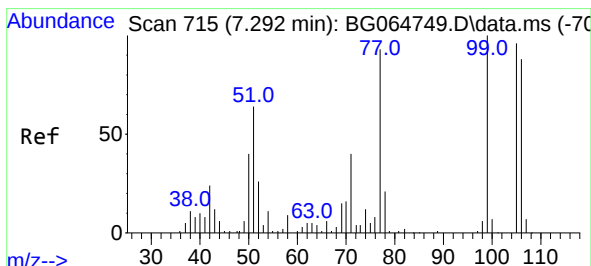
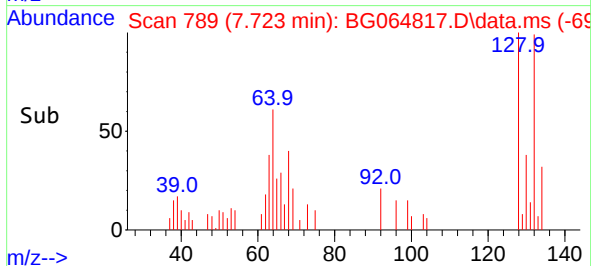
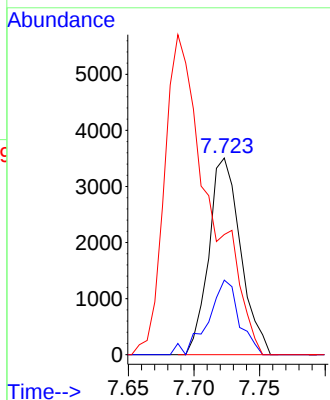
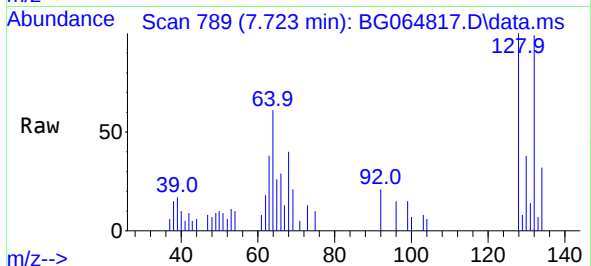




#8
2-Chlorophenol
Concen: 2.109 ng
RT: 7.723 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

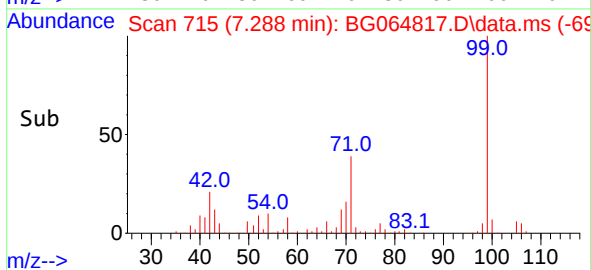
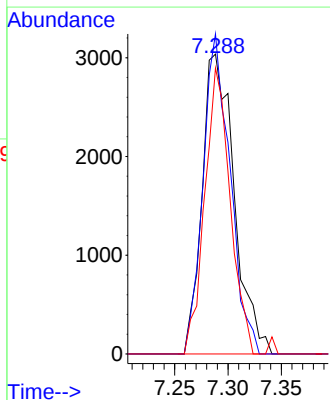
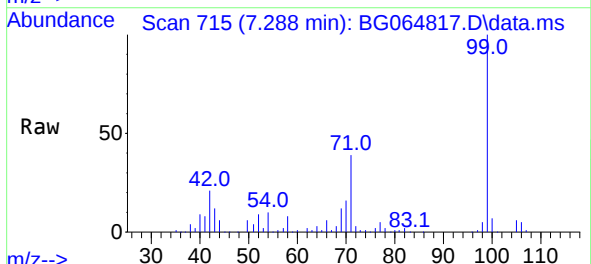
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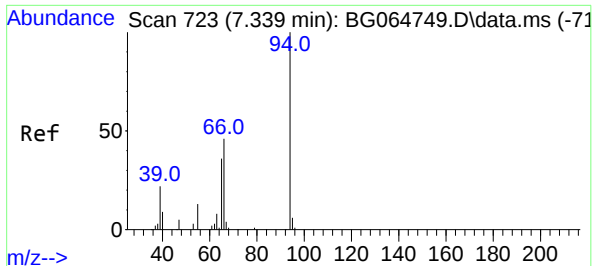
Tgt Ion:128 Resp: 5901
Ion Ratio Lower Upper
128 100
130 37.9 11.9 51.9
64 61.1 38.4 78.4



#9
Benzaldehyde
Concen: 2.864 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 77 Resp: 6354
Ion Ratio Lower Upper
77 100
105 106.7 83.8 123.8
106 95.4 74.3 114.3

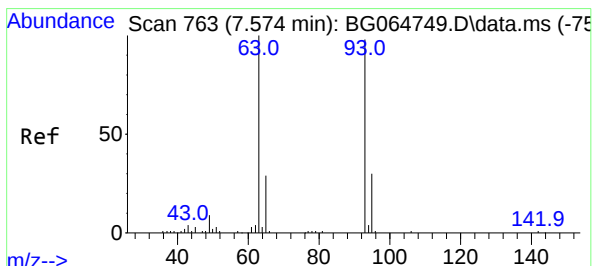
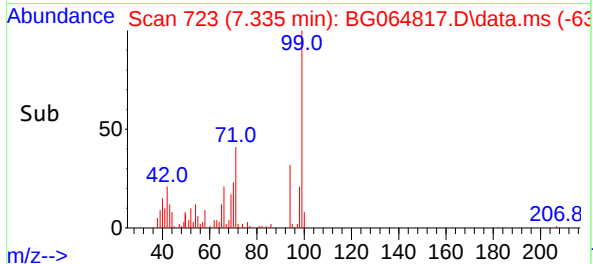
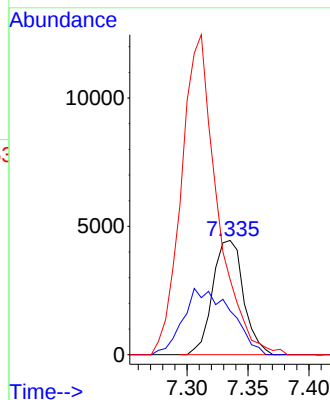
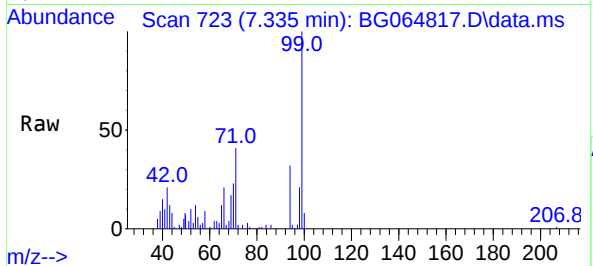




#10
Phenol
Concen: 2.123 ng
RT: 7.335 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG064817.D
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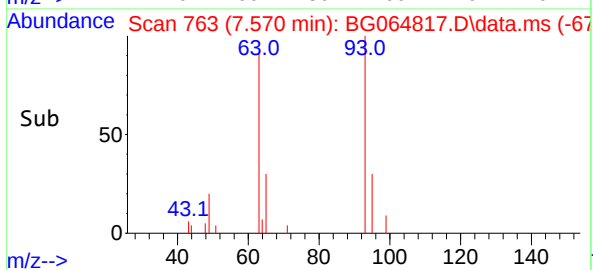
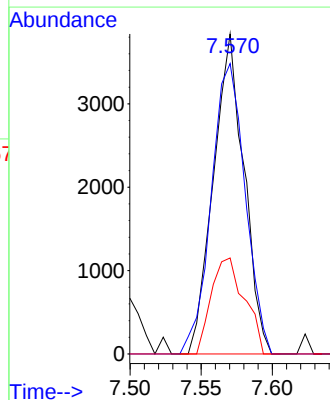
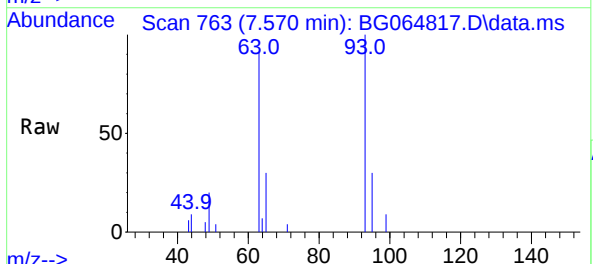
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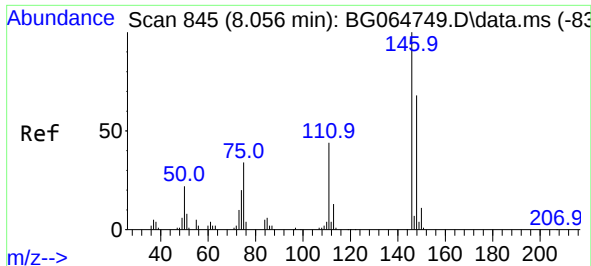
Tgt Ion: 94 Resp: 7830
Ion Ratio Lower Upper
94 100
65 38.4 17.0 57.0
66 65.8 29.8 69.8



#11
bis(2-Chloroethyl)ether
Concen: 2.188 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
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Tgt Ion: 93 Resp: 5742
Ion Ratio Lower Upper
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63 90.8 81.8 121.8
95 30.0 10.3 50.3

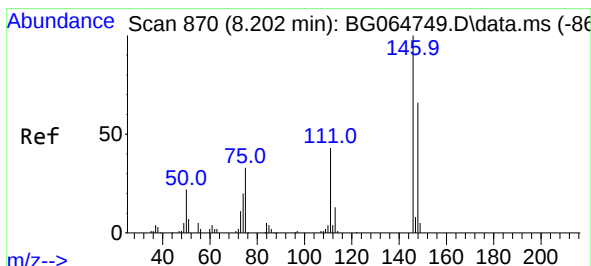
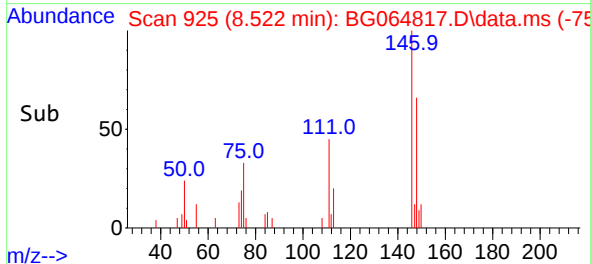
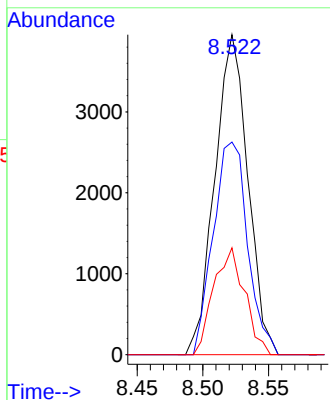
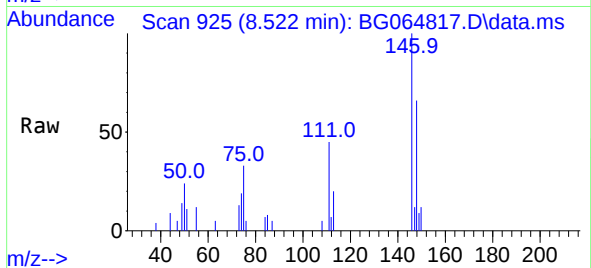




#12
1,3-Dichlorobenzene
Concen: 2.148 ng
RT: 8.522 min Scan# 91
Delta R.T. 0.466 min
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Acq: 19 Nov 2025 15:57

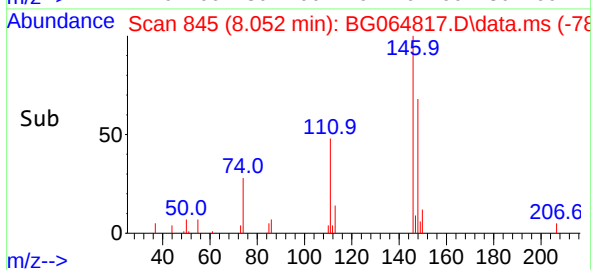
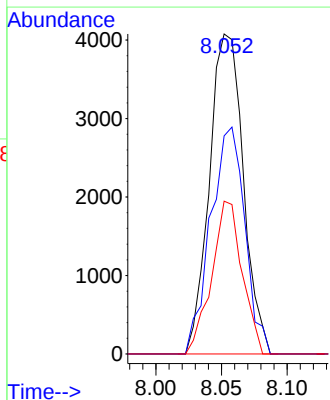
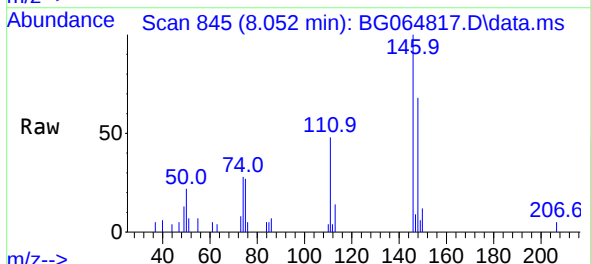
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

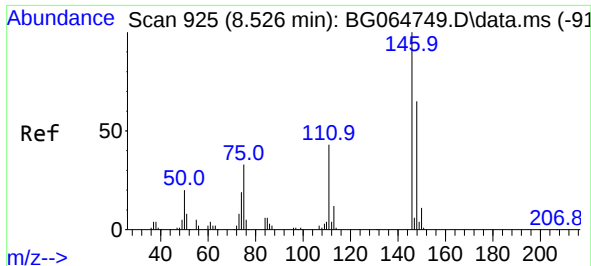
Tgt Ion:	146	Resp:	6916
Ion Ratio	Lower	Upper	
146	100		
148	66.4	54.6	82.0
75	33.4	27.6	41.4



#13
1,4-Dichlorobenzene
Concen: 2.237 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.150 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	146	Resp:	7334
Ion Ratio	Lower	Upper	
146	100		
148	68.1	53.1	79.7
111	47.7	34.1	51.1

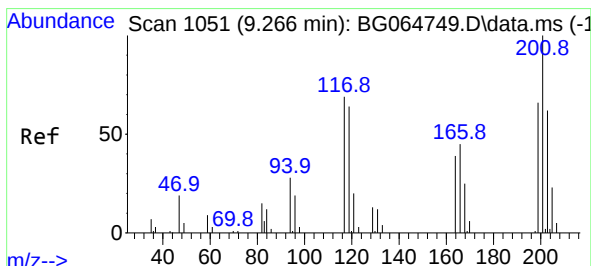
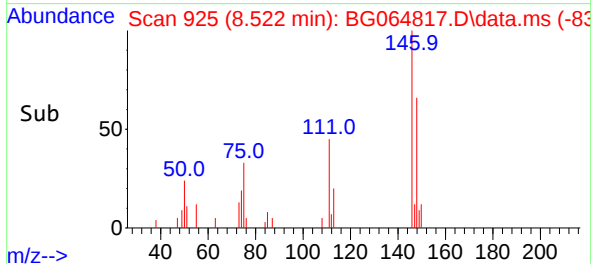
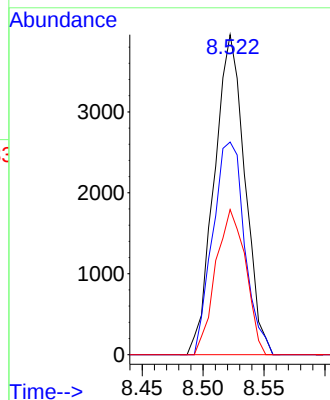
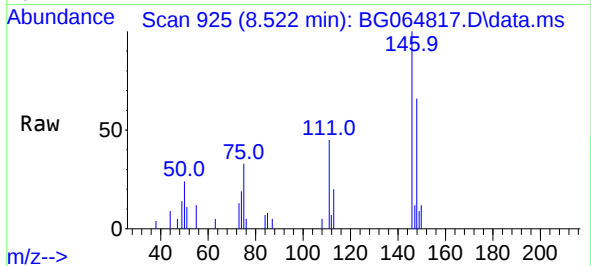




#14
1,2-Dichlorobenzene
Concen: 2.176 ng
RT: 8.522 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

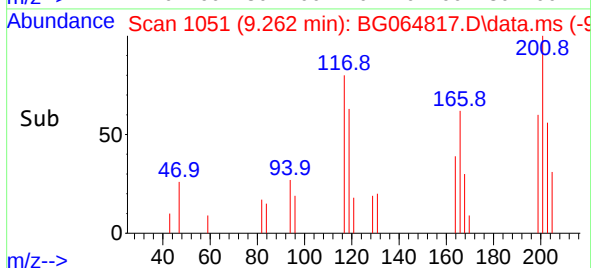
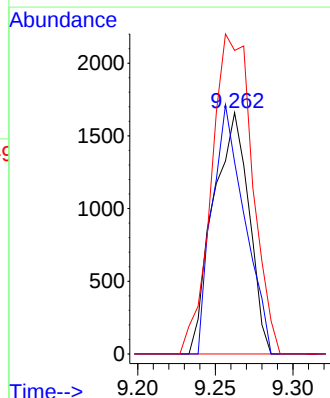
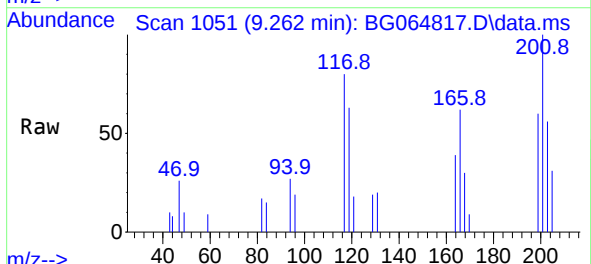
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

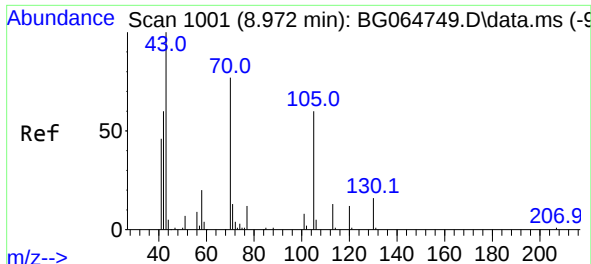
Tgt Ion:146 Resp: 6917
Ion Ratio Lower Upper
146 100
148 66.4 52.0 78.0
111 45.3 34.7 52.1



#18
Hexachloroethane
Concen: 2.140 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:117 Resp: 2657
Ion Ratio Lower Upper
117 100
119 79.5 74.4 111.6
201 125.8 116.5 174.7



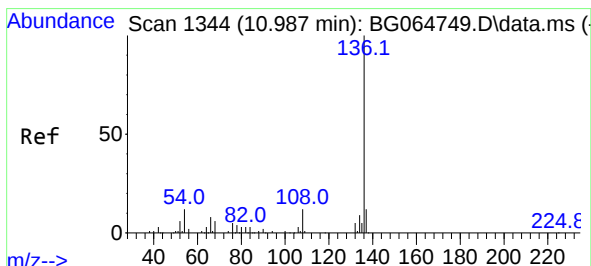
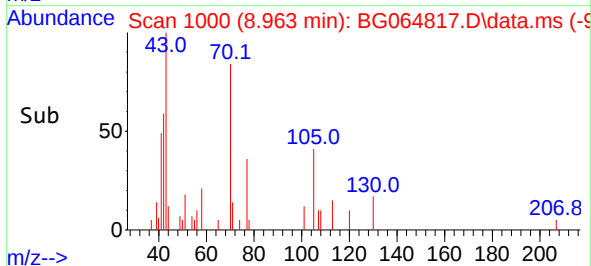
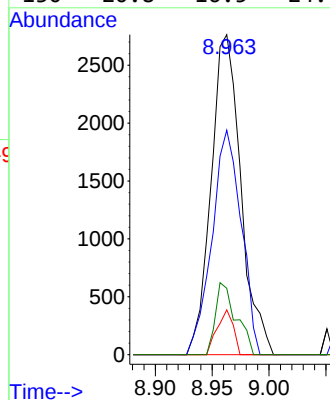
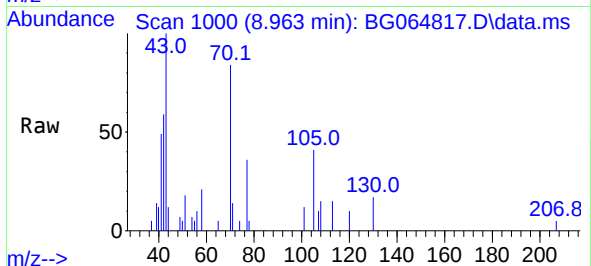


#19
n-Nitroso-di-n-propylamine
Concen: 2.199 ng
RT: 8.963 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

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

Tgt Ion: 70 Resp: 5039

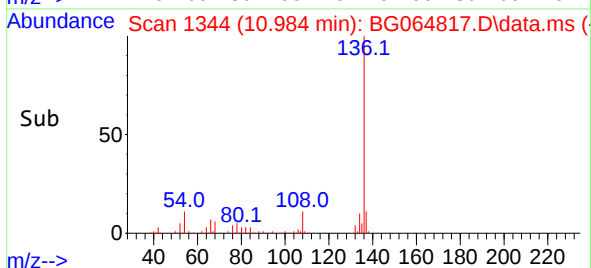
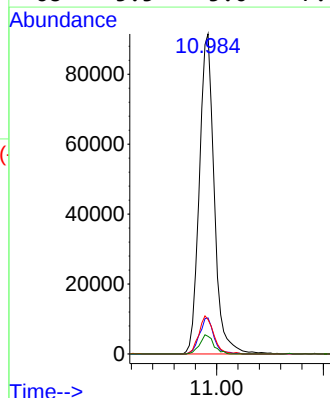
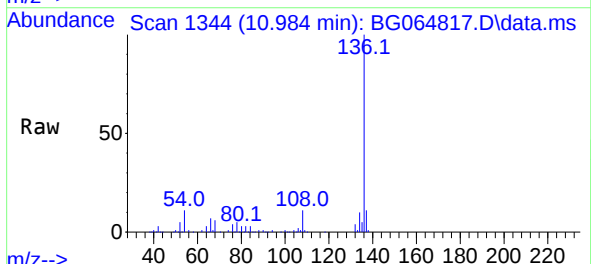
Ion	Ratio	Lower	Upper
70	100		
42	70.2	62.6	93.8
101	14.0	8.0	12.0
130	20.8	16.5	24.7

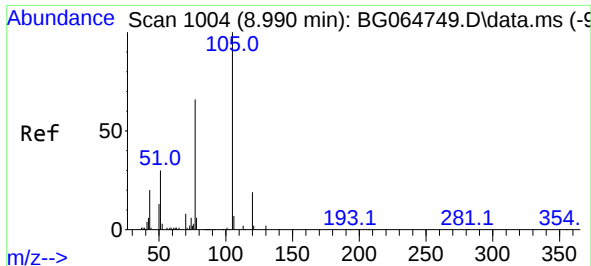


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 136 Resp: 177607

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.7	9.3	13.9
68	5.5	5.0	7.6

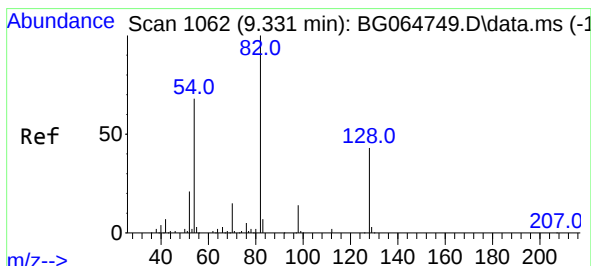
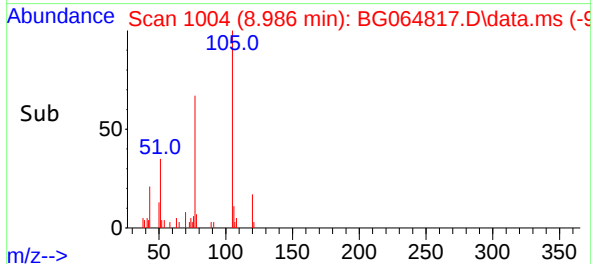
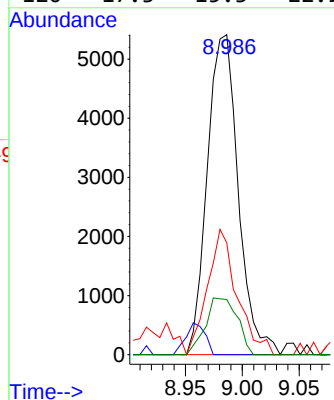
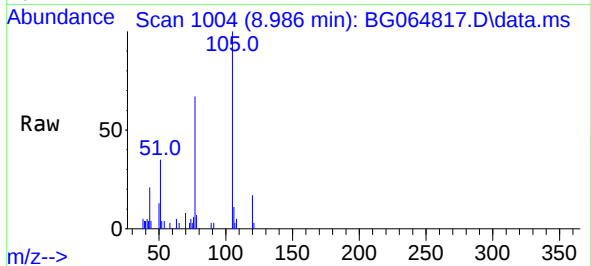




#22
Acetophenone
Concen: 2.121 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

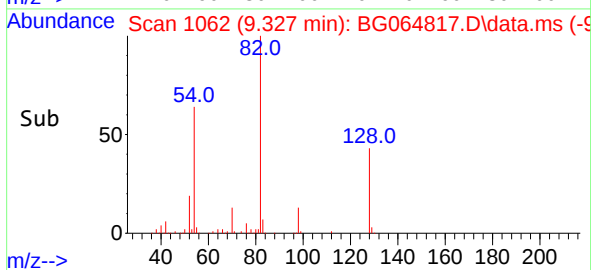
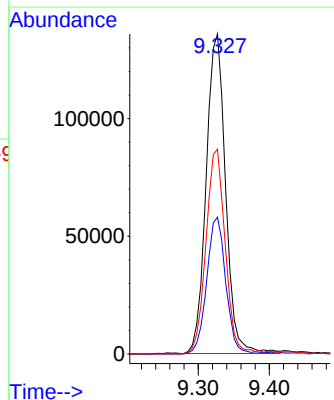
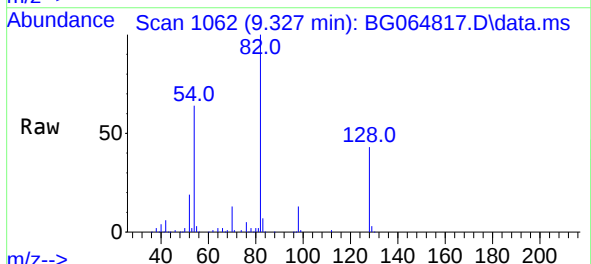
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

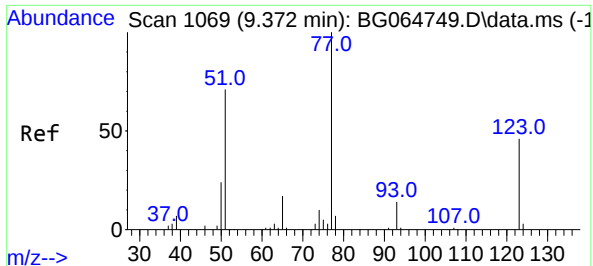
Tgt Ion:	105	Resp:	10265
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.3	1.9#
51	35.0	27.9	41.9
120	17.3	15.3	22.9



#23
Nitrobenzene-d5
Concen: 71.952 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	82	Resp:	258462
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.1	51.1
54	64.0	54.3	81.5

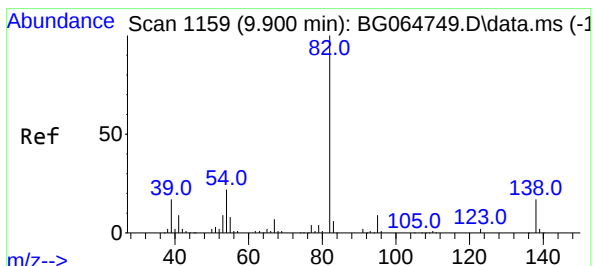
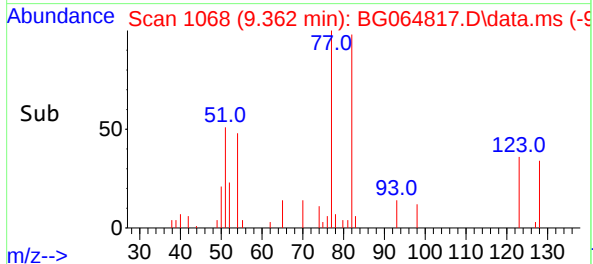
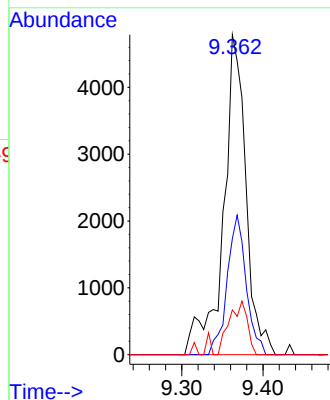
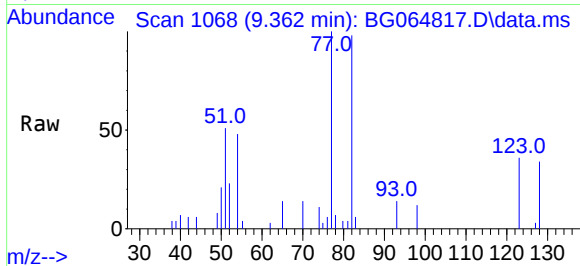




#24
Nitrobenzene
Concen: 2.543 ng
RT: 9.362 min Scan# 1068
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

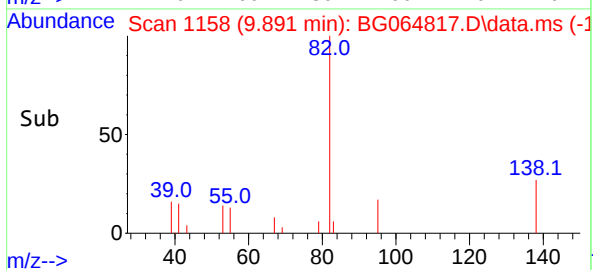
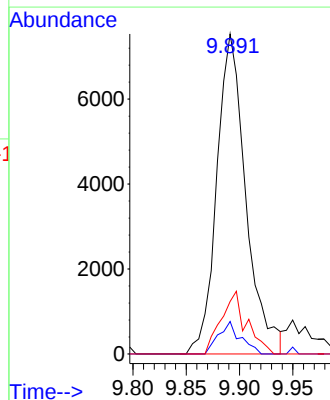
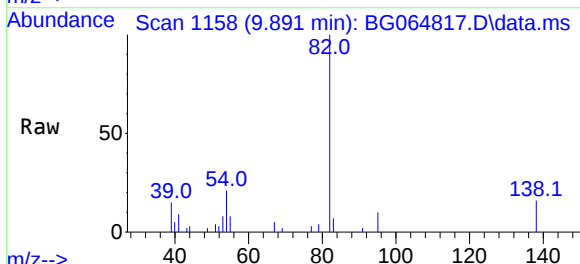
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

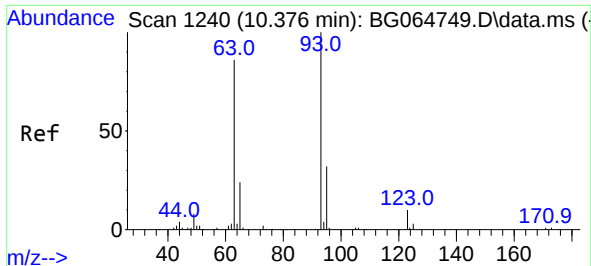
Tgt Ion:	77	Resp:	9231
Ion	Ratio	Lower	Upper
77	100		
123	36.2	36.5	54.7#
65	14.0	13.5	20.3



#25
Isophorone
Concen: 2.091 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	82	Resp:	14306
Ion	Ratio	Lower	Upper
82	100		
95	10.1	6.9	10.3
138	16.4	13.9	20.9

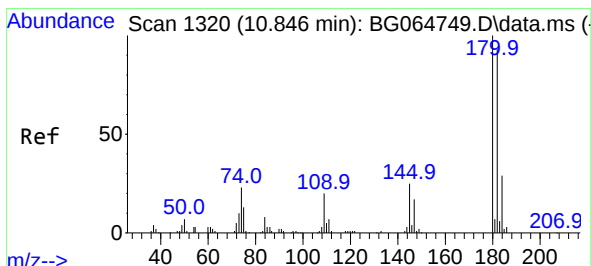
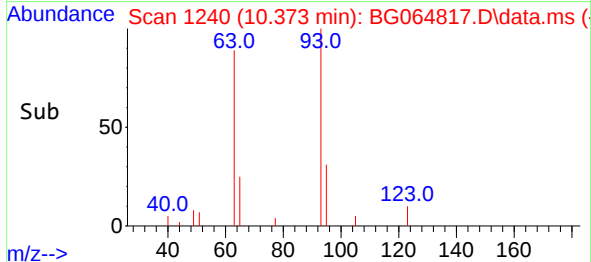
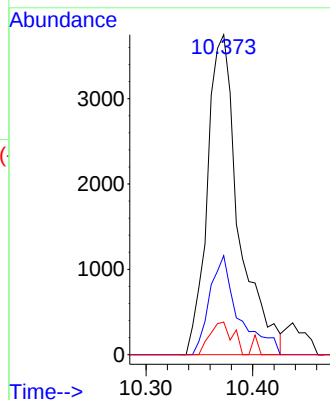
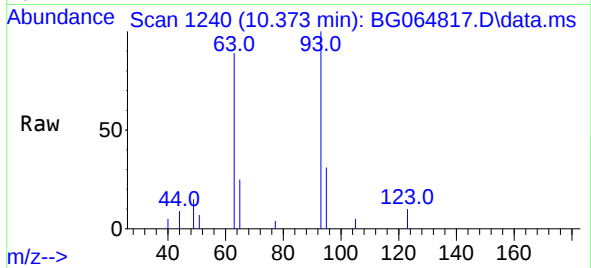




#28
bis(2-Chloroethoxy)methane
Concen: 2.039 ng
RT: 10.373 min Scan# 1319
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

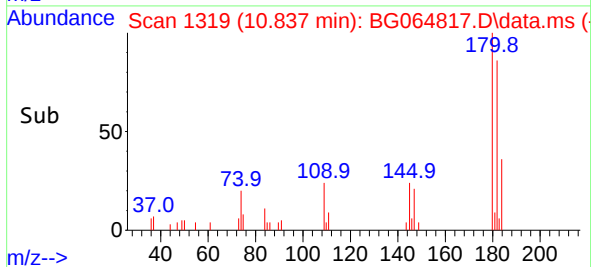
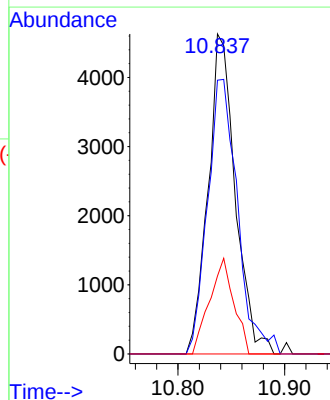
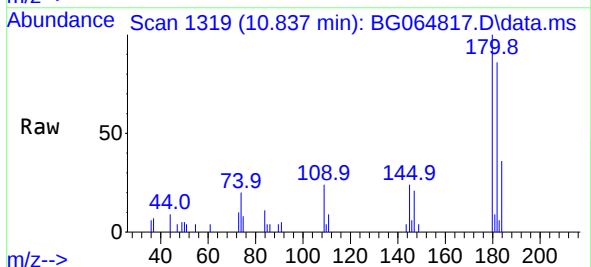
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

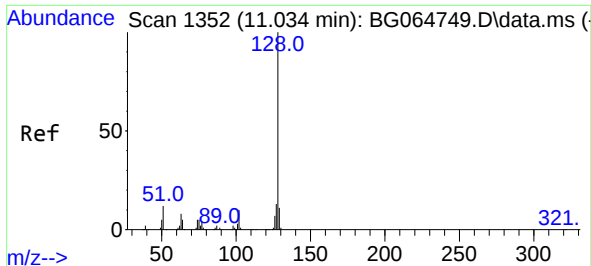
Tgt Ion: 93 Resp: 7658
Ion Ratio Lower Upper
93 100
95 31.0 25.4 38.2
123 10.2 8.1 12.1



#30
1,2,4-Trichlorobenzene
Concen: 2.181 ng
RT: 10.837 min Scan# 1319
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:180 Resp: 8201
Ion Ratio Lower Upper
180 100
182 91.9 74.2 111.4
145 24.3 20.0 30.0

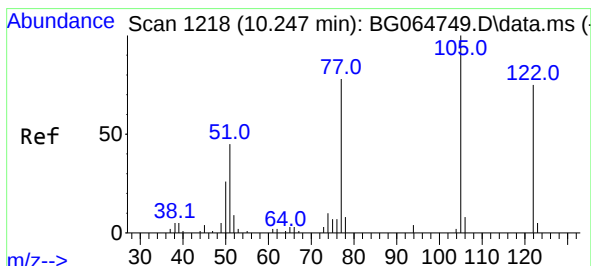
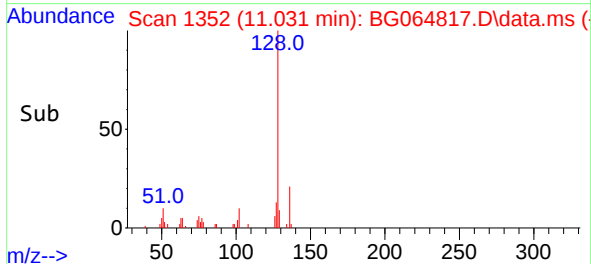
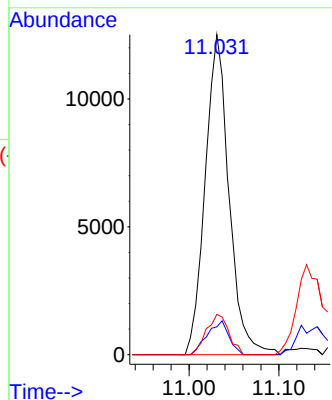
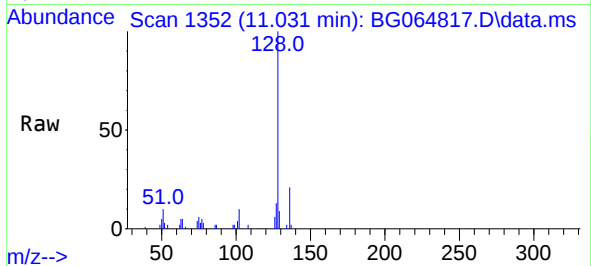




#31
Naphthalene
Concen: 2.289 ng
RT: 11.031 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

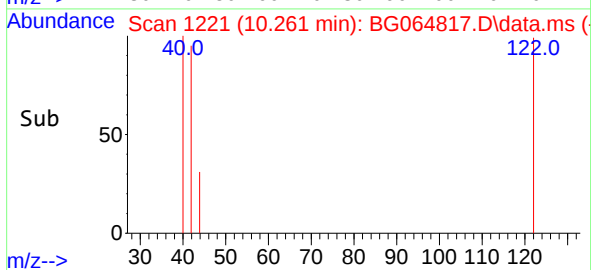
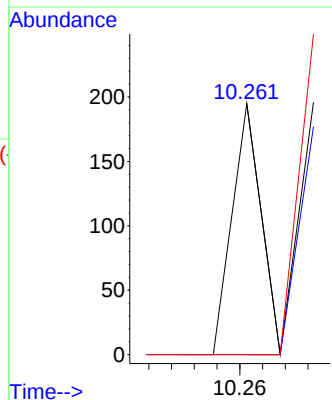
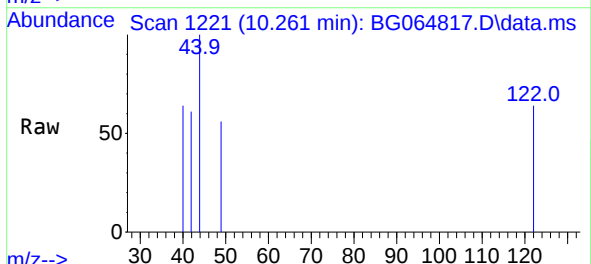
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

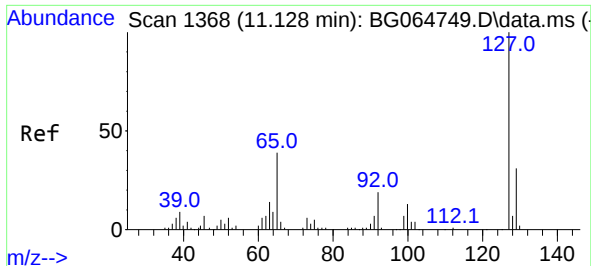
Tgt Ion:128 Resp: 23041
Ion Ratio Lower Upper
128 100
129 8.7 8.6 12.8
127 12.6 10.6 16.0



#32
Benzoic acid
Concen: 5.911 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.014 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 107.6 147.6#
77 0.0 82.5 122.5#

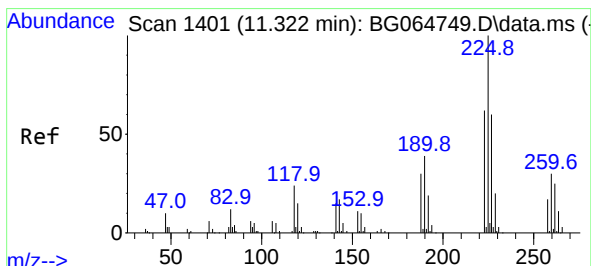
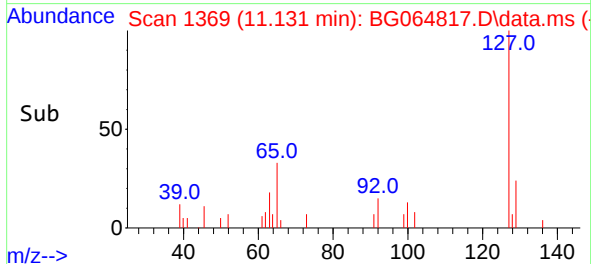
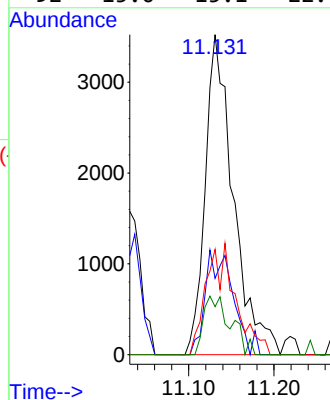
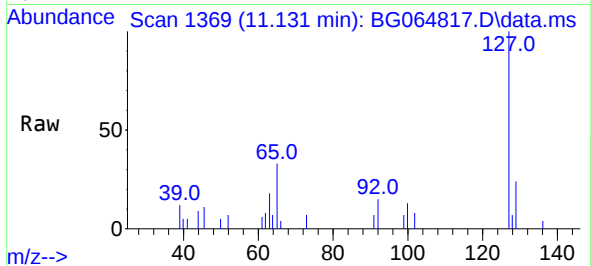




#33
4-Chloroaniline
Concen: 2.010 ng
RT: 11.131 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

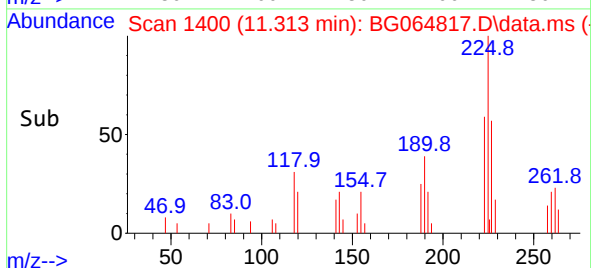
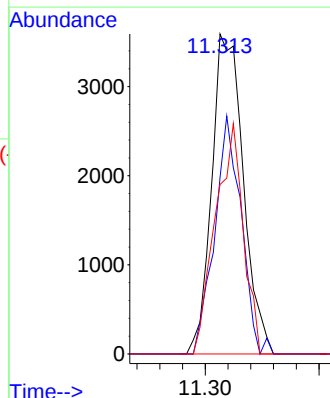
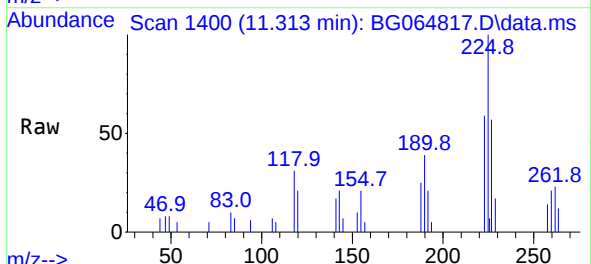
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

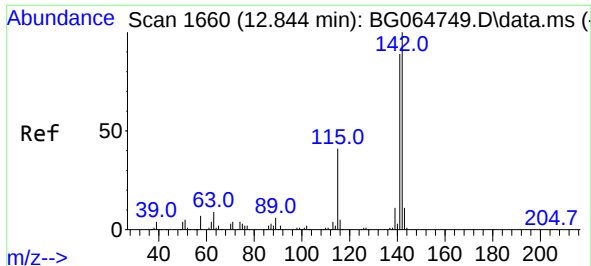
Tgt Ion:	127	Resp:	8094
Ion	Ratio	Lower	Upper
127	100		
129	23.9	24.9	37.3#
65	32.9	30.9	46.3
92	15.0	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 2.139 ng
RT: 11.313 min Scan# 1400
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	225	Resp:	6901
Ion	Ratio	Lower	Upper
225	100		
223	55.1	49.9	74.9
227	53.0	50.6	75.8

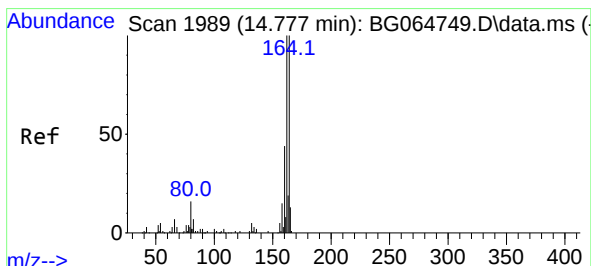
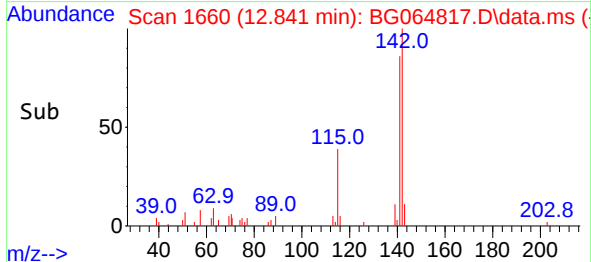
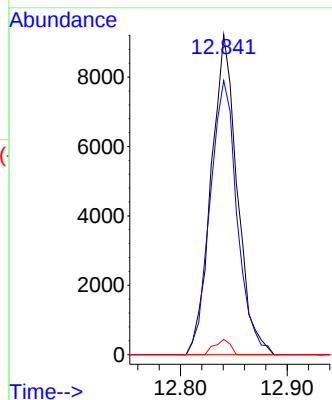
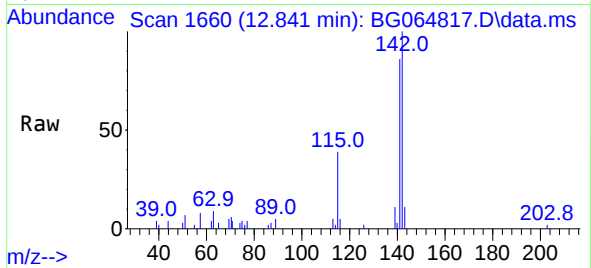




#38
1-Methylnaphthalene
Concen: 2.088 ng
RT: 12.841 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

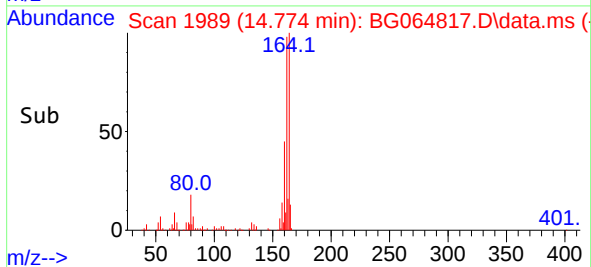
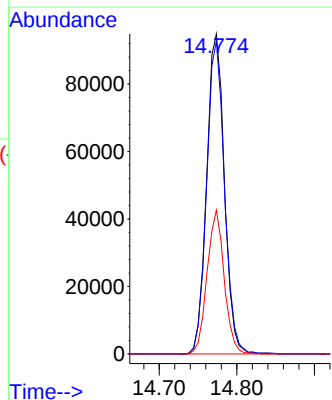
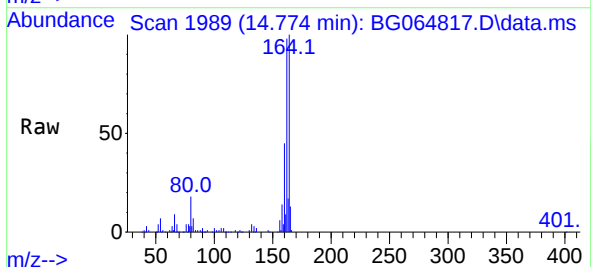
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

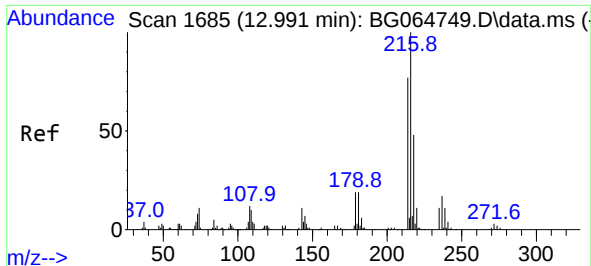
Tgt Ion:142	Resp:	15625
Ion	Ratio	Lower Upper
142	100	
141	85.6	70.8 106.2
116	4.8	3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:164	Resp:	150709
Ion	Ratio	Lower Upper
164	100	
162	97.8	79.8 119.6
160	44.9	34.9 52.3

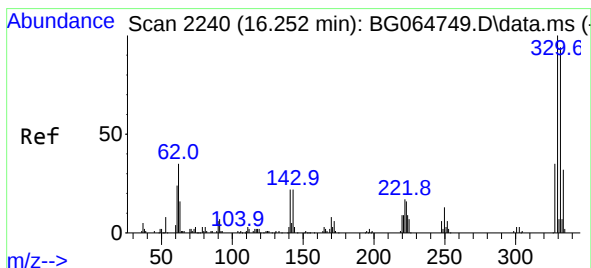
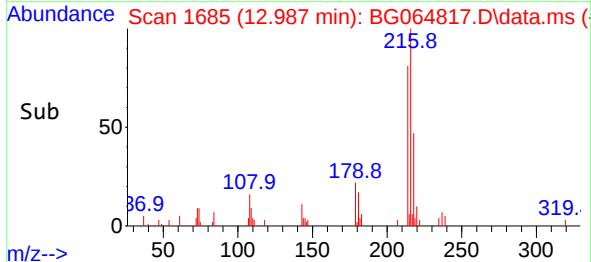
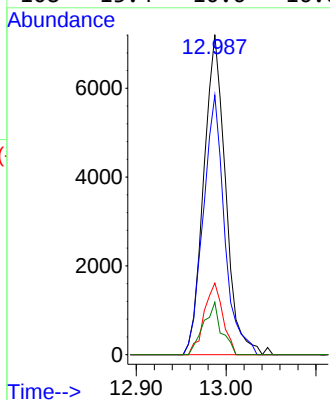
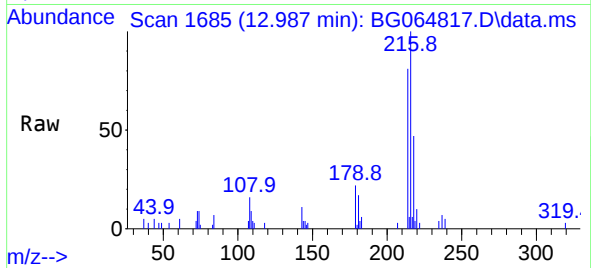




#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.083 ng
RT: 12.987 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

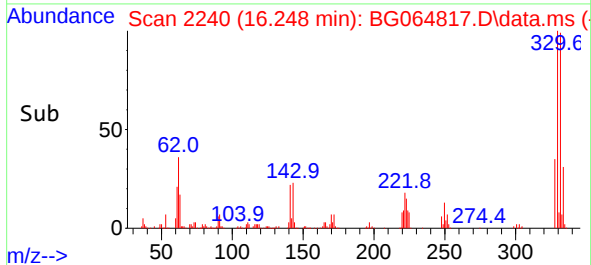
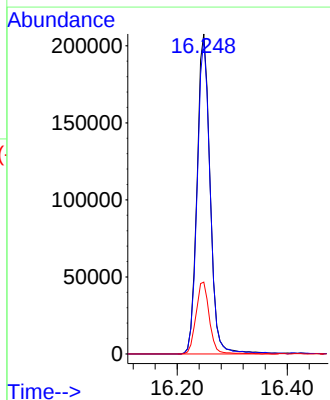
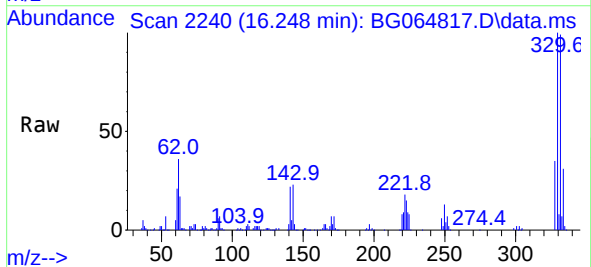
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

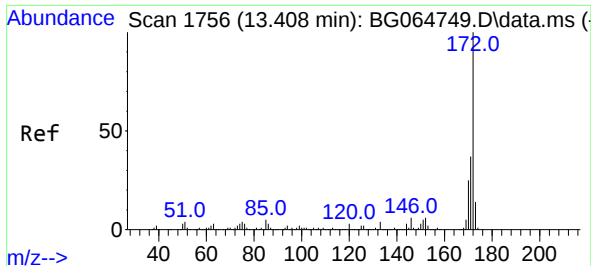
Tgt Ion:	216	Resp:	12215
Ion	Ratio	Lower	Upper
216	100		
214	78.7	60.5	90.7
179	19.1	14.7	22.1
108	13.4	10.6	16.0



#42
2,4,6-Tribromophenol
Concen: 116.331 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	330	Resp:	341932
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.9	18.2	27.2

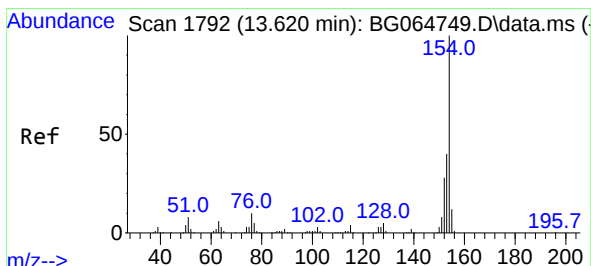
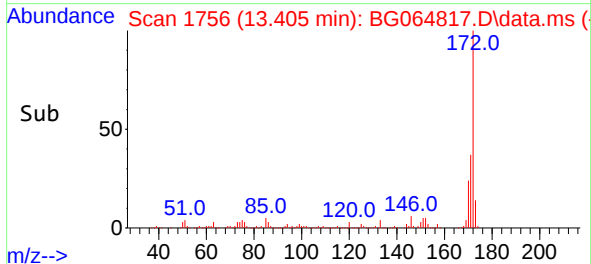
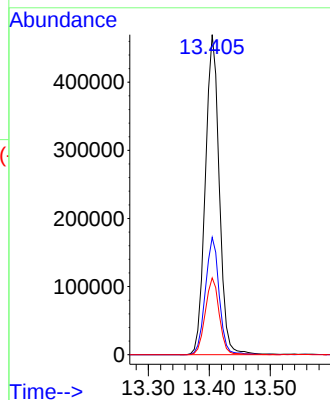
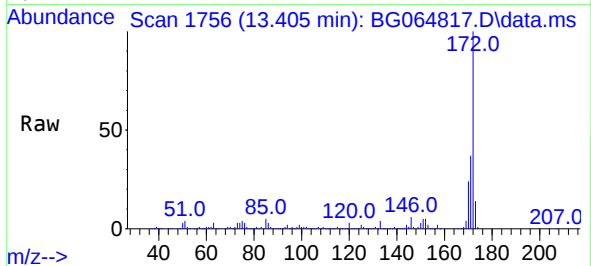




#45
2-Fluorobiphenyl
Concen: 69.308 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

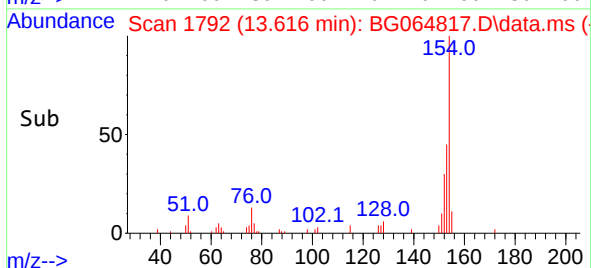
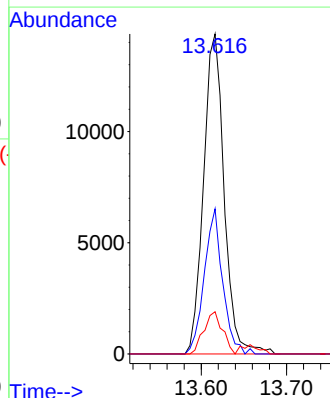
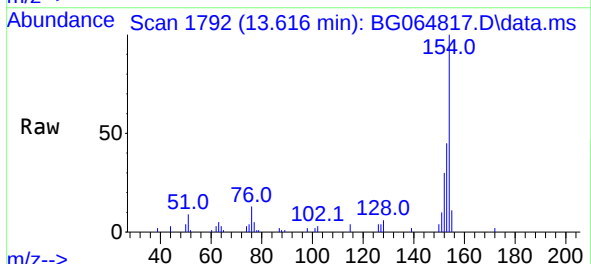
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

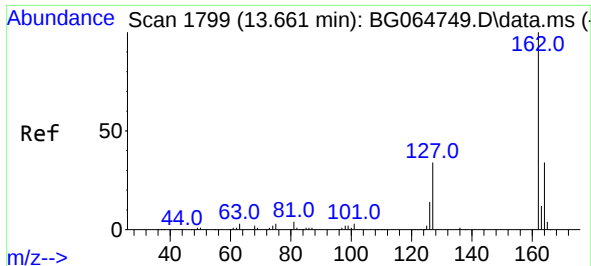
Tgt Ion:172	Resp: 748587		
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.9	44.9
170	24.0	19.8	29.6



#46
1,1'-Biphenyl
Concen: 2.234 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

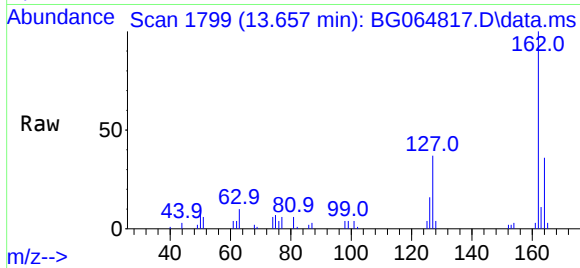
Tgt Ion:154	Resp: 24181
Ion Ratio	Lower Upper
154 100	
153 45.4	19.8 59.8
76 13.2	0.0 30.0



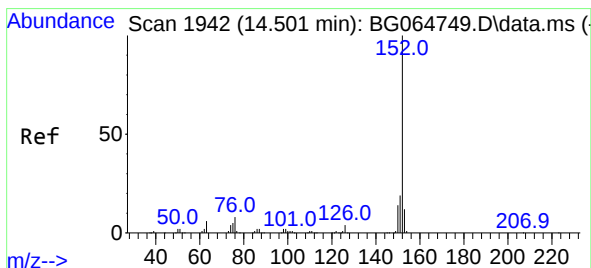
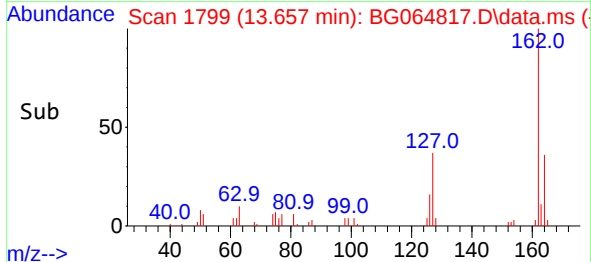
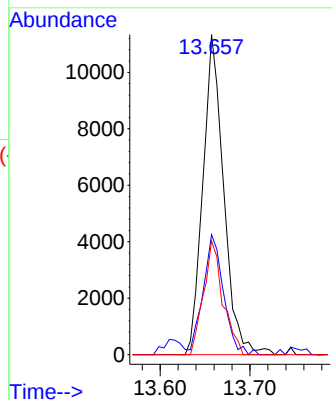


#47
2-Chloronaphthalene
Concen: 2.139 ng
RT: 13.657 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

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

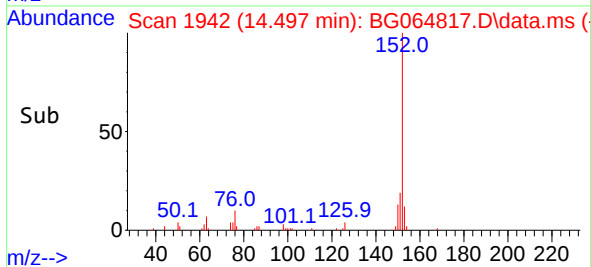
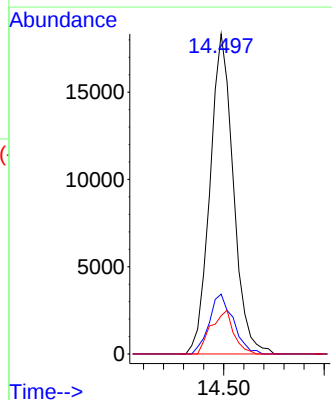
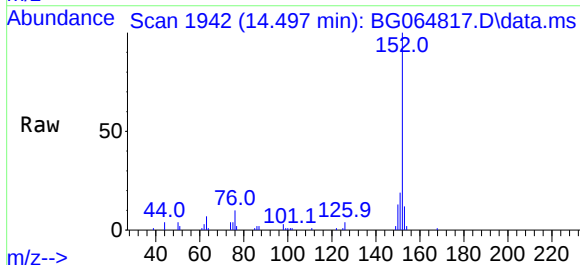


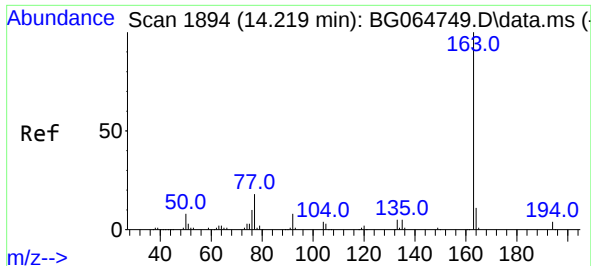
Tgt Ion:	162	Resp:	18240
Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.3	45.5
164	35.5	26.8	40.2



#49
Acenaphthylene
Concen: 2.034 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	152	Resp:	29629
Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.4
153	12.0	9.9	14.9

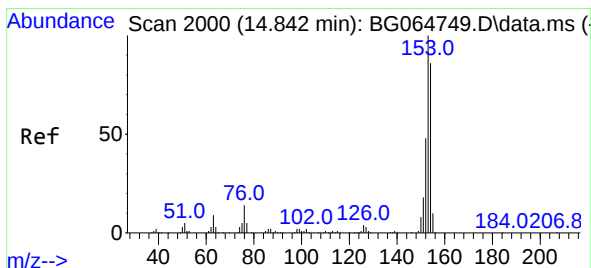
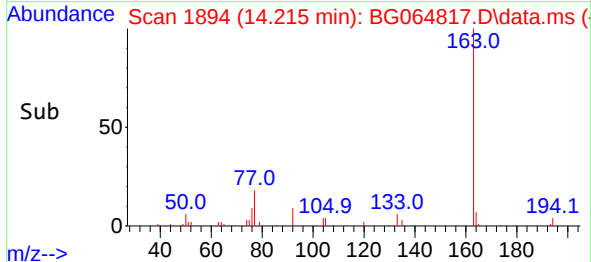
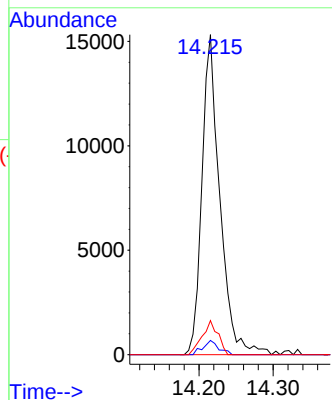
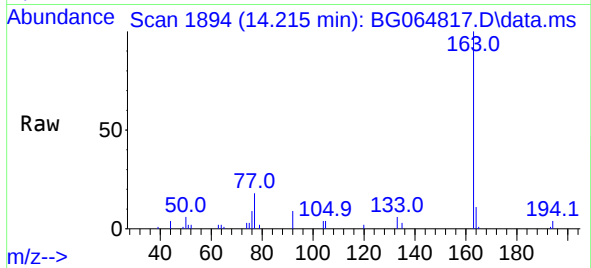




#50
Dimethylphthalate
Concen: 2.167 ng
RT: 14.215 min Scan# 1999
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

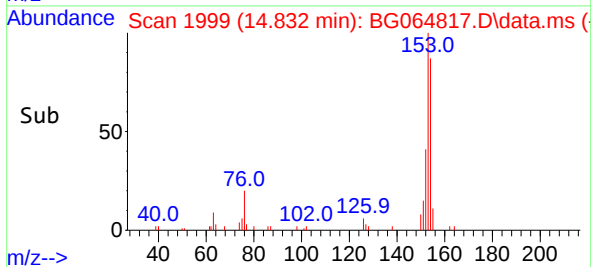
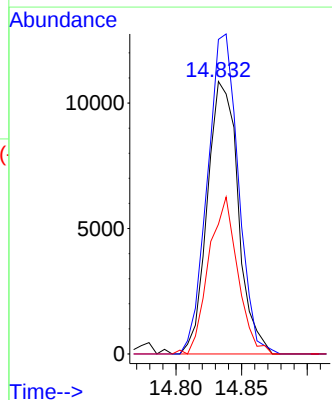
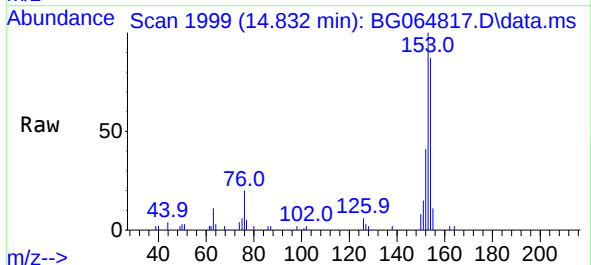
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

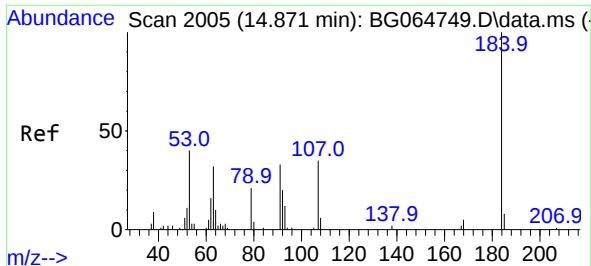
Tgt Ion:163 Resp: 25803
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.6 8.6 12.8



#52
Acenaphthene
Concen: 2.031 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:154 Resp: 17739
Ion Ratio Lower Upper
154 100
153 115.4 93.0 139.4
152 47.6 44.4 66.6

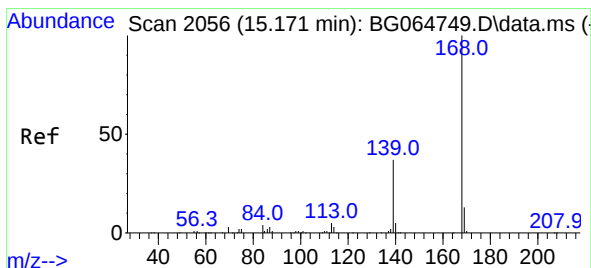
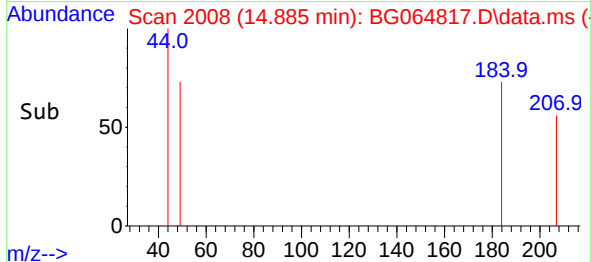
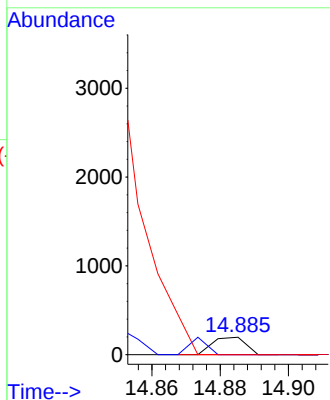
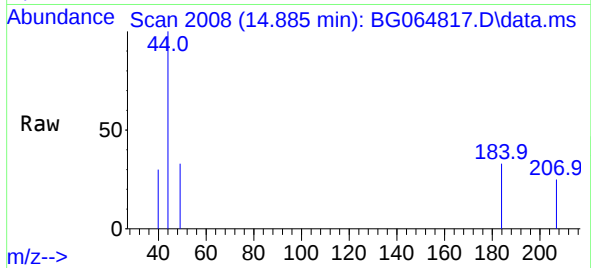




#54
2,4-Dinitrophenol
Concen: 8.660 ng
RT: 14.885 min Scan# 2008
Delta R.T. 0.014 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

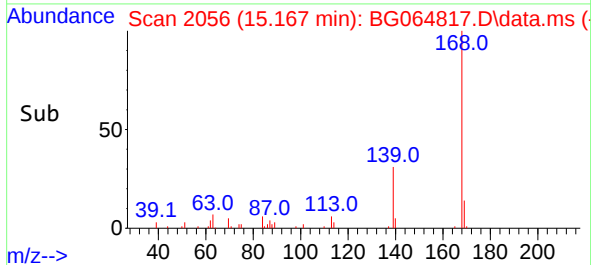
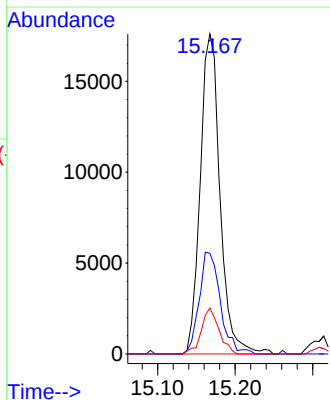
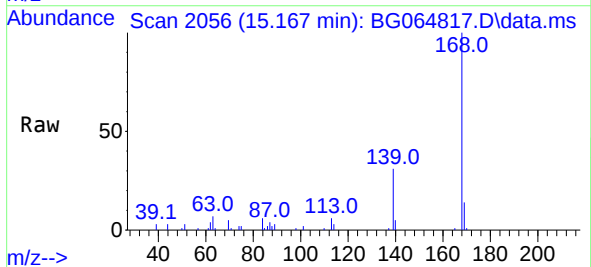
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

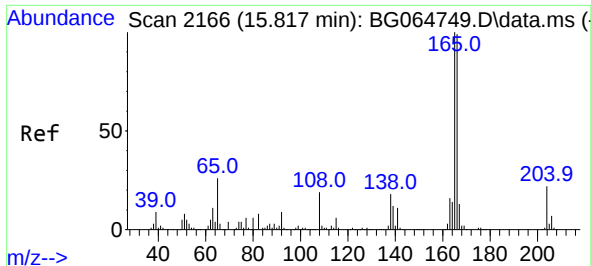
Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 0.0 45.8 68.6#
154 0.0 52.6 78.8#



#55
Dibenzofuran
Concen: 2.161 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:168 Resp: 31202
Ion Ratio Lower Upper
168 100
139 31.4 29.5 44.3
169 14.4 10.4 15.6

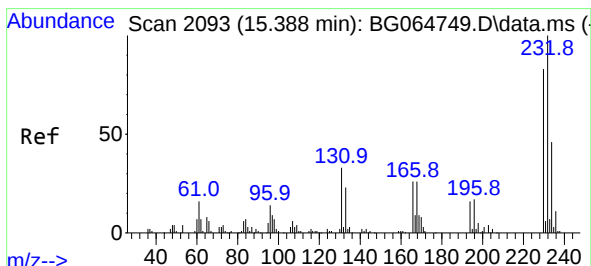
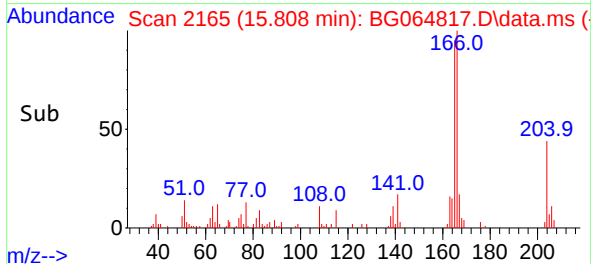
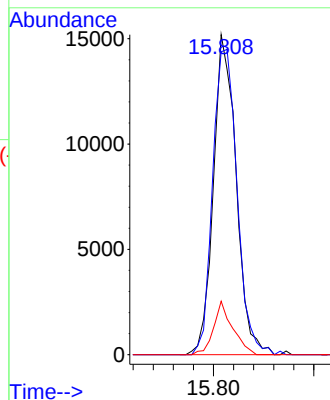
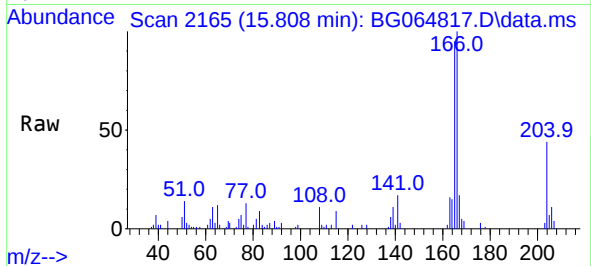




#58
Fluorene
Concen: 2.111 ng
RT: 15.808 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

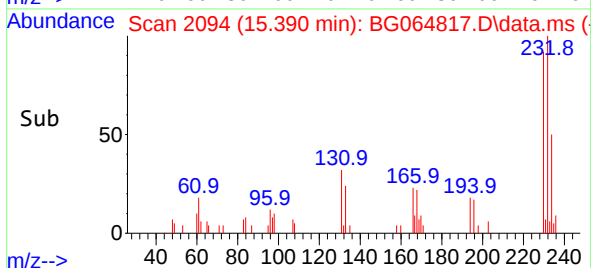
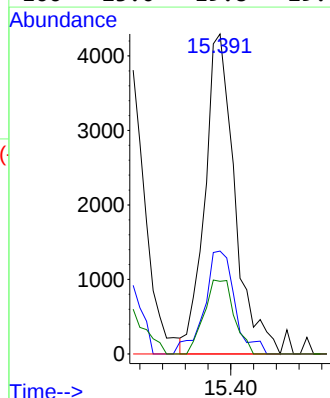
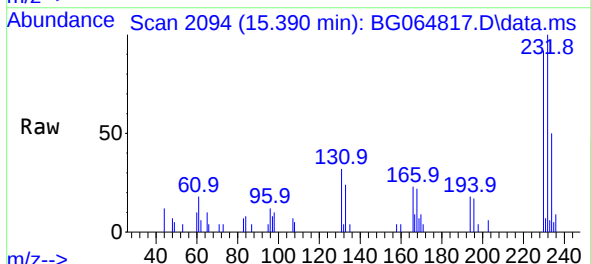
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

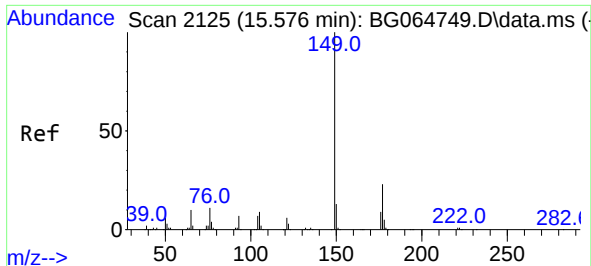
Tgt Ion:166 Resp: 23914
Ion Ratio Lower Upper
166 100
165 94.6 80.5 120.7
167 16.7 10.3 15.5#



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.063 ng
RT: 15.390 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:232 Resp: 7860
Ion Ratio Lower Upper
232 100
131 32.6 26.0 39.0
130 0.0 1.6 2.4#
166 23.0 19.8 29.6

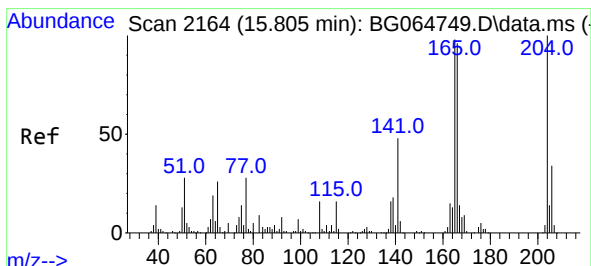
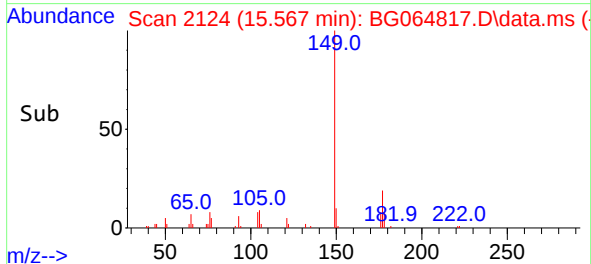
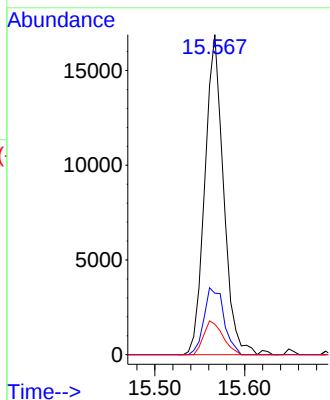
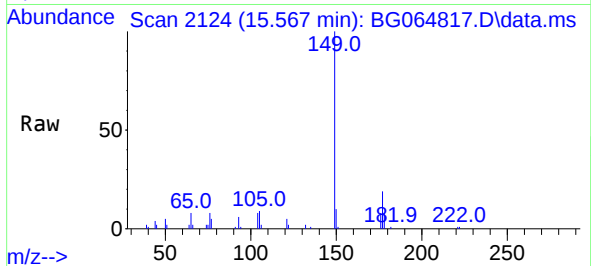




#60
Diethylphthalate
Concen: 2.146 ng
RT: 15.567 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

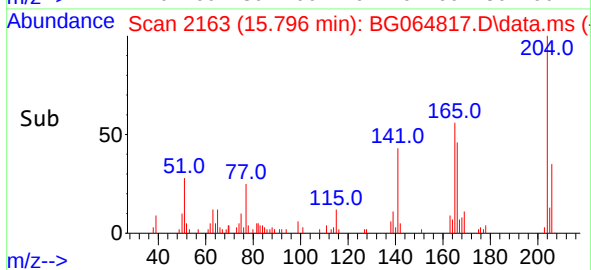
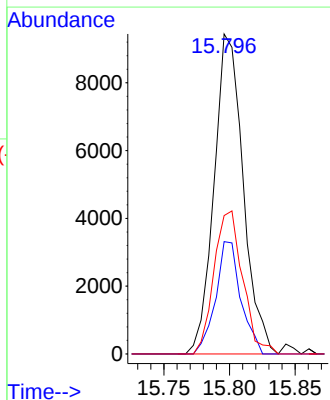
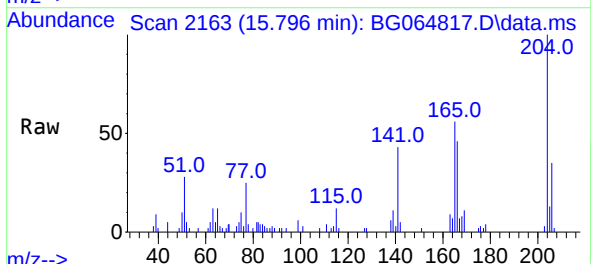
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

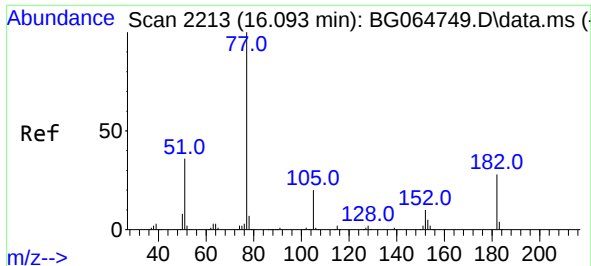
Tgt Ion:	149	Resp:	24473
Ion Ratio	100	Lower	Upper
149	100		
177	19.2	18.4	27.6
150	9.5	10.1	15.1#



#61
4-Chlorophenyl-phenylether
Concen: 2.141 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	204	Resp:	14556
Ion Ratio	100	Lower	Upper
204	100		
206	35.1	26.9	40.3
141	43.3	38.1	57.1

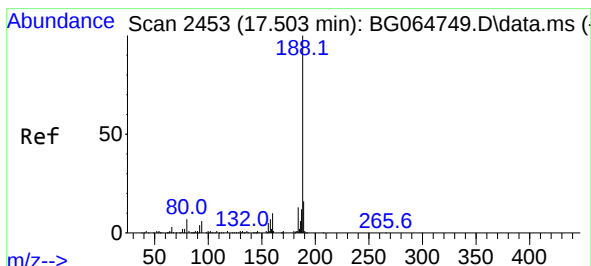
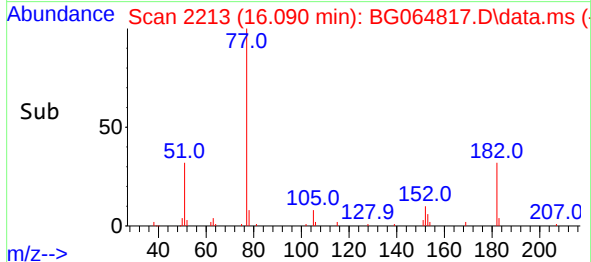
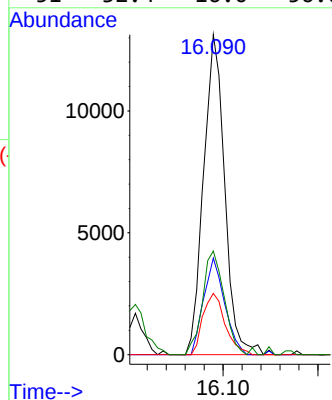
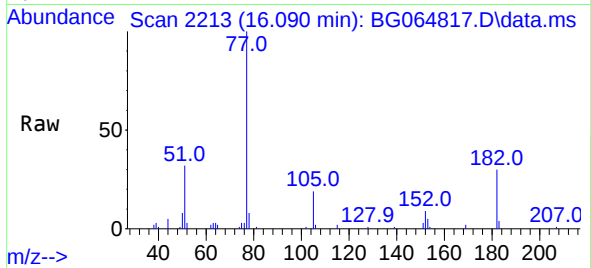




#63
Azobenzene
Concen: 2.145 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

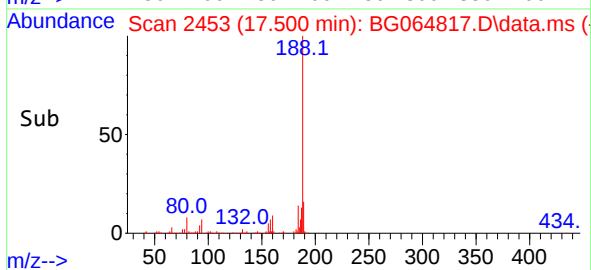
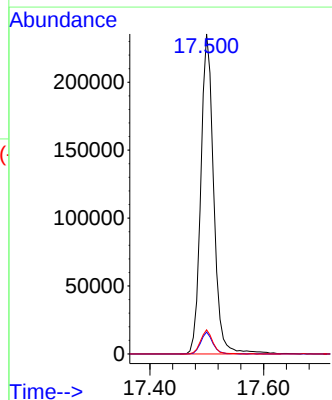
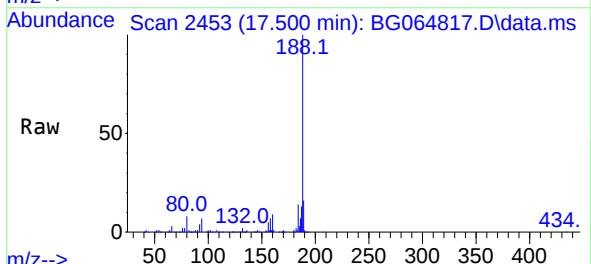
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

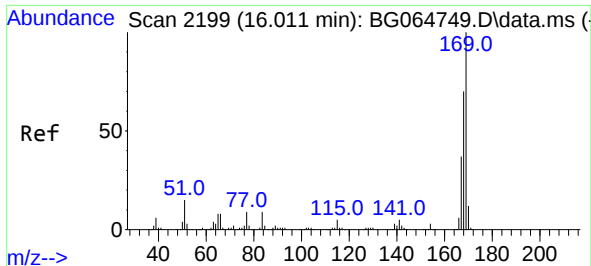
Tgt Ion:	77	Resp:	20345
Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.1	48.1
105	19.2	0.1	40.1
51	32.4	16.0	56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	188	Resp:	371324
Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.7	7.1
80	7.5	5.4	8.2

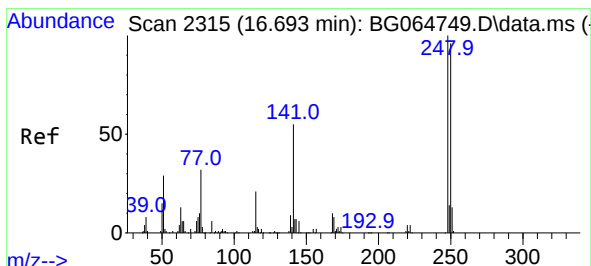
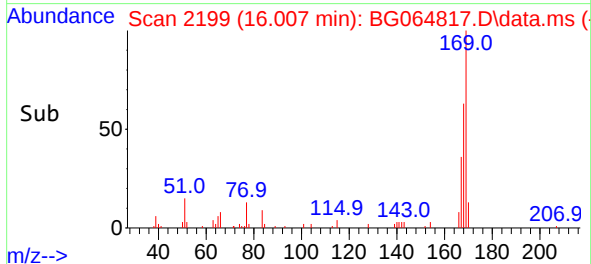
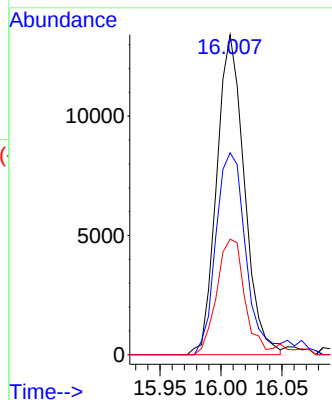
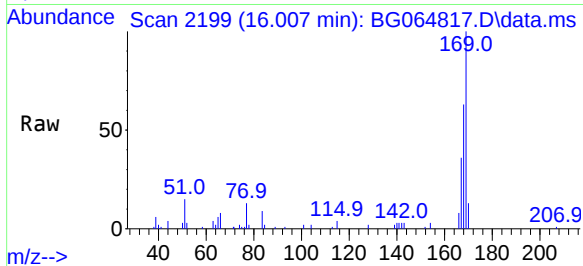




#66
n-Nitrosodiphenylamine
Concen: 2.173 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

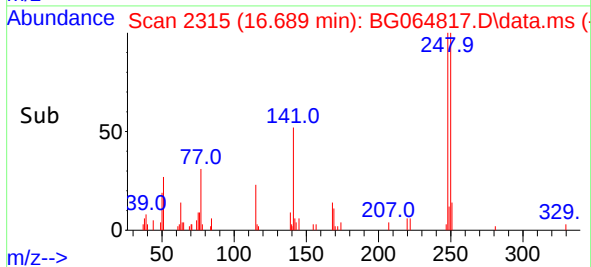
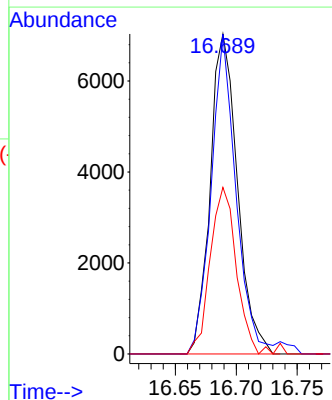
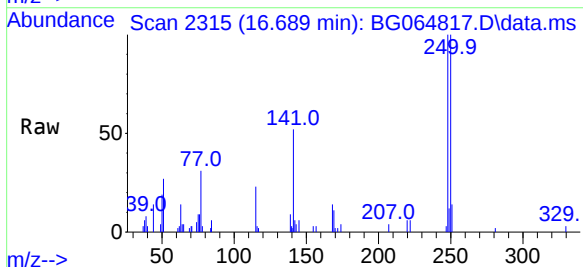
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

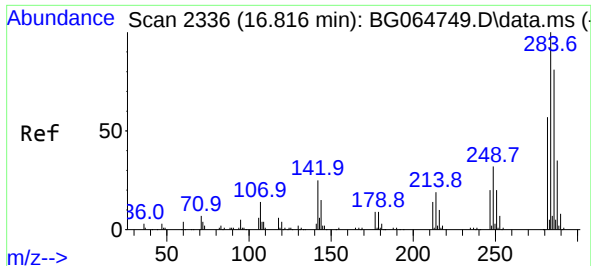
Tgt Ion:169	Resp:	21133
Ion	Ratio	Lower Upper
169	100	
168	63.1	55.9 83.9
167	36.1	29.8 44.6



#67
4-Bromophenyl-phenylether
Concen: 2.240 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:248	Resp:	10924
Ion	Ratio	Lower Upper
248	100	
250	99.9	77.0 115.6
141	52.0	43.7 65.5

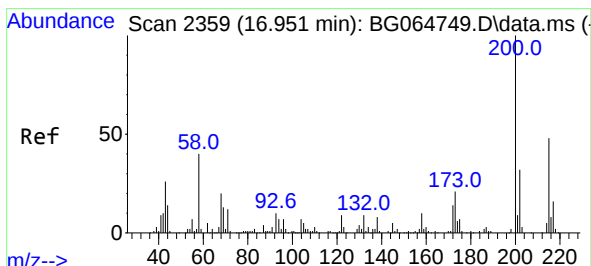
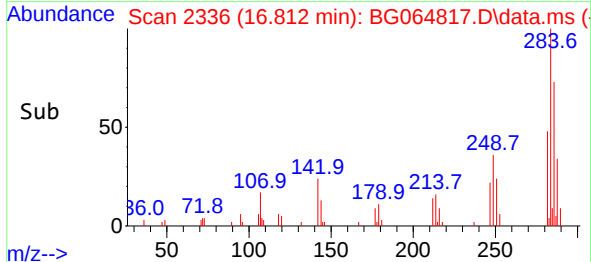
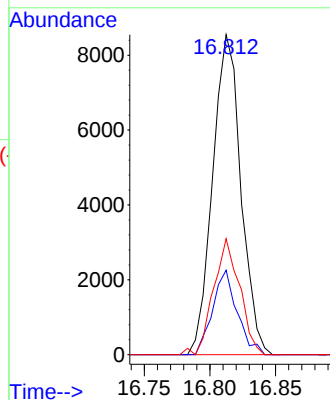
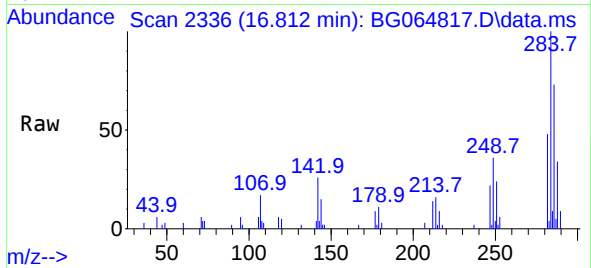




#68
Hexachlorobenzene
Concen: 2.165 ng
RT: 16.812 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

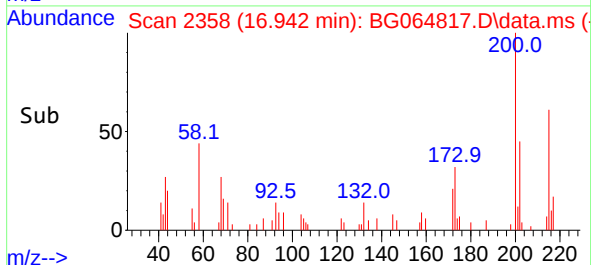
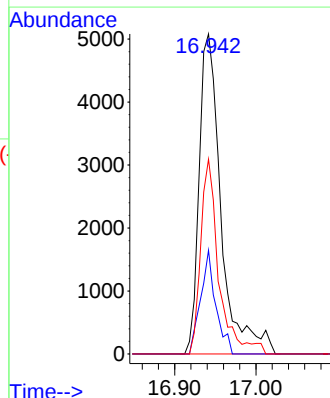
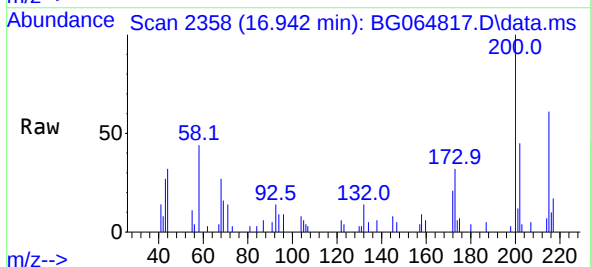
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

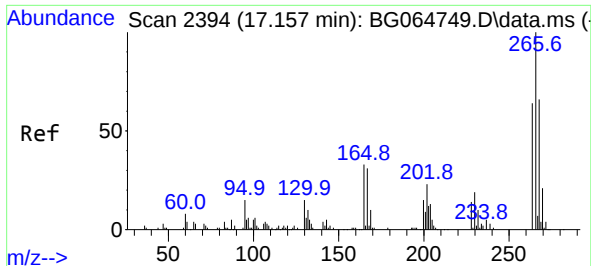
Tgt Ion:284 Resp: 12789
Ion Ratio Lower Upper
284 100
142 26.4 19.7 29.5
249 36.3 28.1 42.1



#69
Atrazine
Concen: 2.032 ng
RT: 16.942 min Scan# 2358
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:200 Resp: 9528
Ion Ratio Lower Upper
200 100
173 32.4 0.9 40.9
215 60.9 27.5 67.5

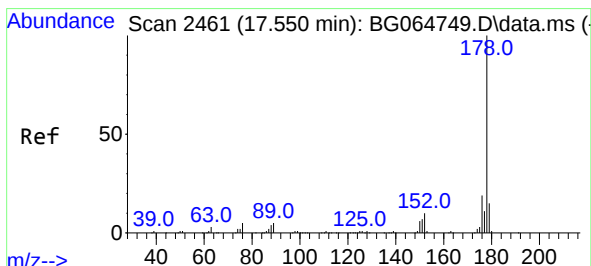
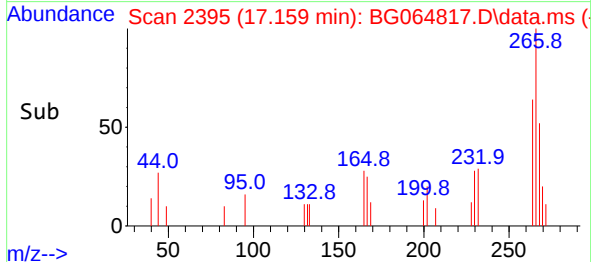
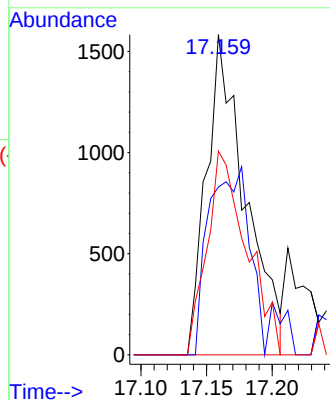
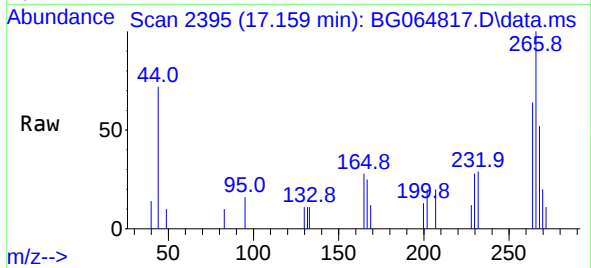




#70
Pentachlorophenol
Concen: 7.006 ng
RT: 17.159 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

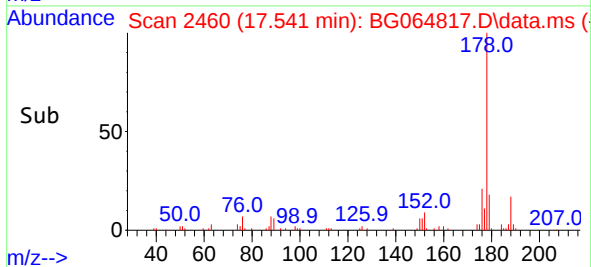
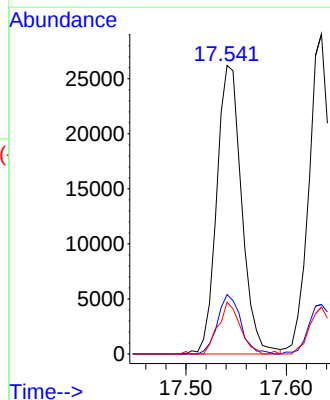
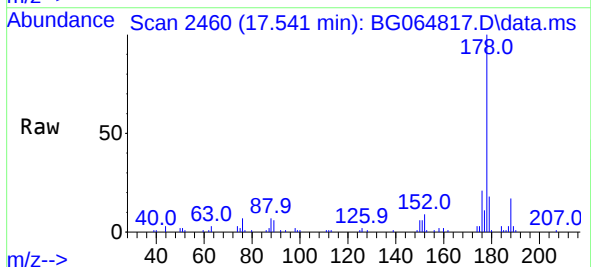
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

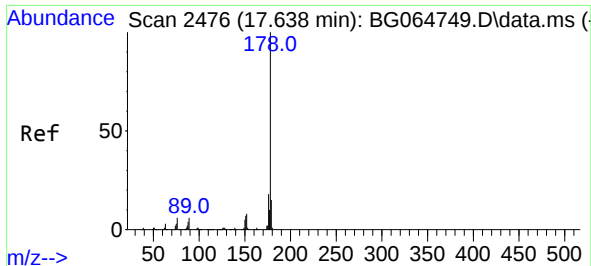
Tgt Ion:266 Resp: 3270
Ion Ratio Lower Upper
266 100
268 52.4 56.1 84.1#
264 63.6 51.2 76.8



#71
Phenanthrene
Concen: 2.227 ng
RT: 17.541 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:178 Resp: 45236
Ion Ratio Lower Upper
178 100
176 20.6 14.8 22.2
179 18.0 12.2 18.4

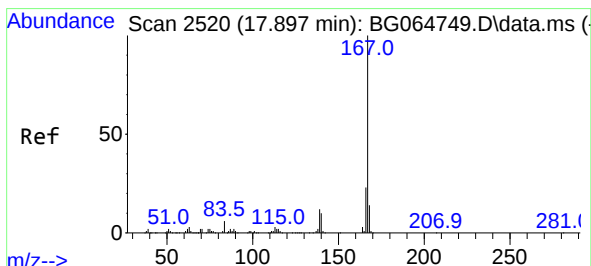
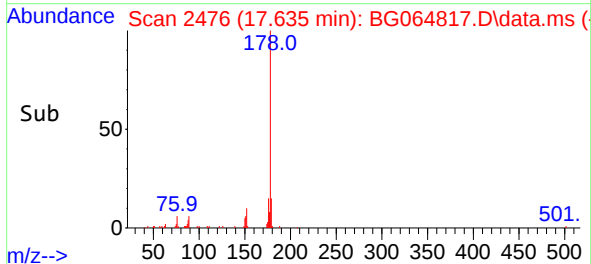
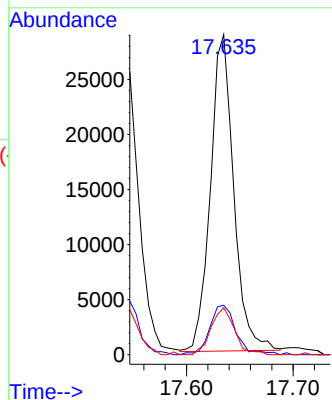
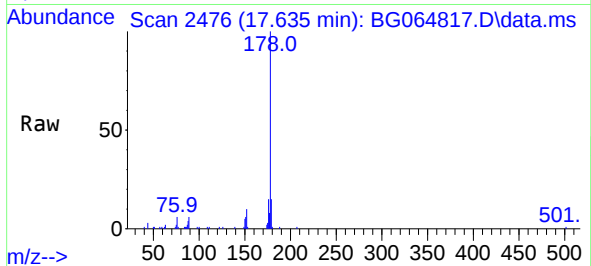




#72
Anthracene
Concen: 2.111 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

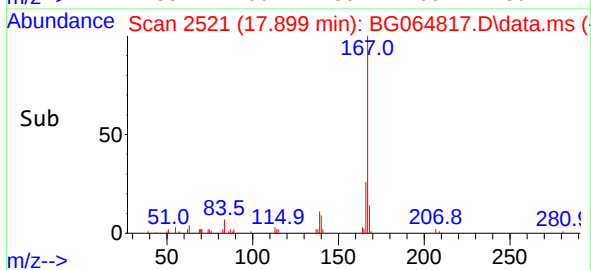
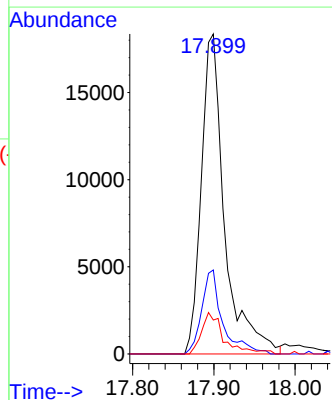
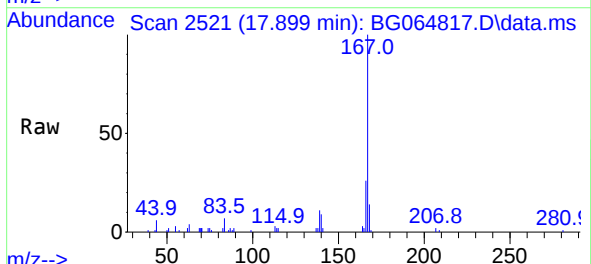
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

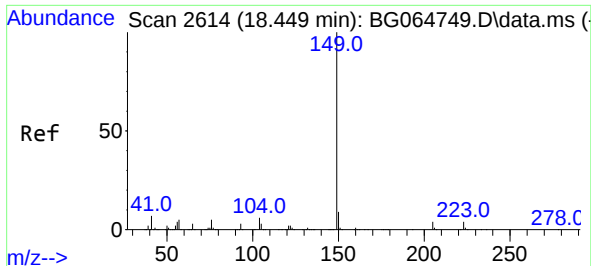
Tgt Ion:	178	Resp:	43730
Ion	Ratio	Lower	Upper
178	100		
176	15.4	14.5	21.7
179	14.6	12.2	18.4



#73
Carbazole
Concen: 2.051 ng
RT: 17.899 min Scan# 2521
Delta R.T. 0.002 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	167	Resp:	36520
Ion	Ratio	Lower	Upper
167	100		
166	26.3	18.0	27.0
139	10.6	9.7	14.5

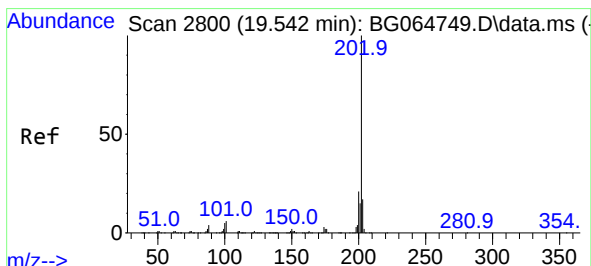
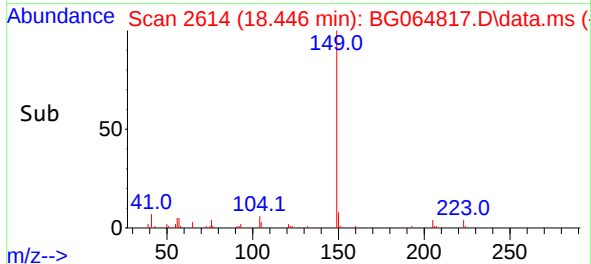
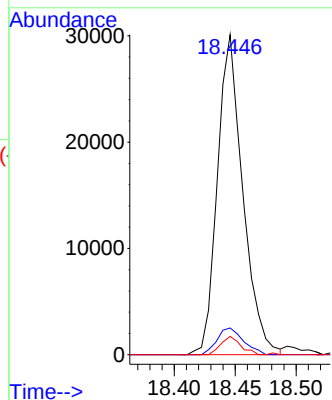
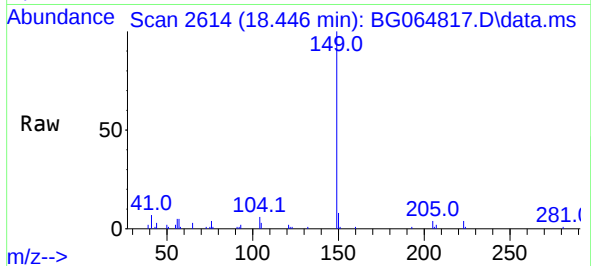




#74
Di-n-butylphthalate
Concen: 2.200 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

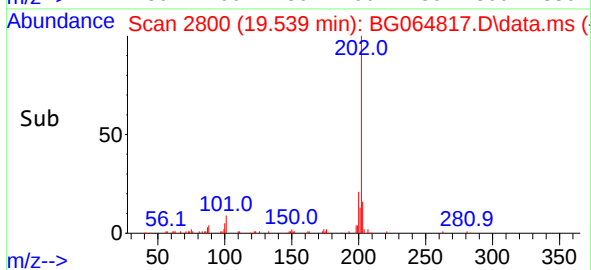
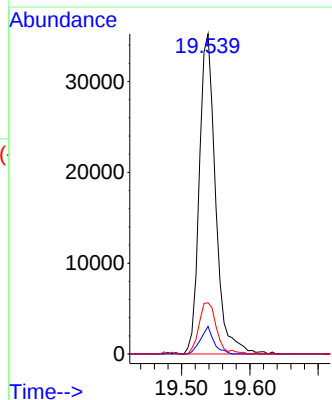
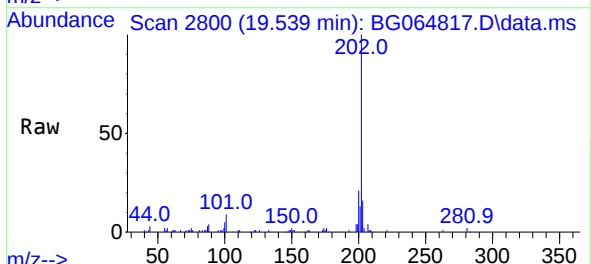
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2025

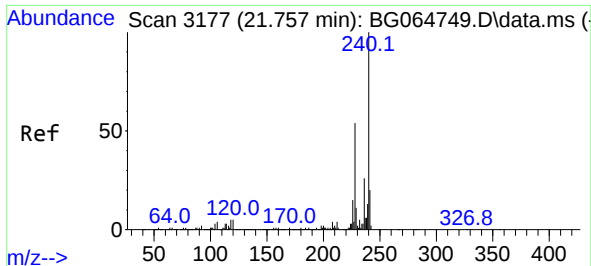
Tgt Ion:149 Resp: 43708
Ion Ratio Lower Upper
149 100
150 8.3 7.5 11.3
104 5.7 4.4 6.6



#75
Fluoranthene
Concen: 2.104 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:202 Resp: 58459
Ion Ratio Lower Upper
202 100
101 8.6 0.0 26.4
203 16.0 0.0 37.5

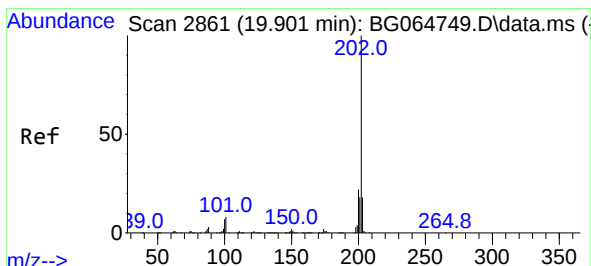
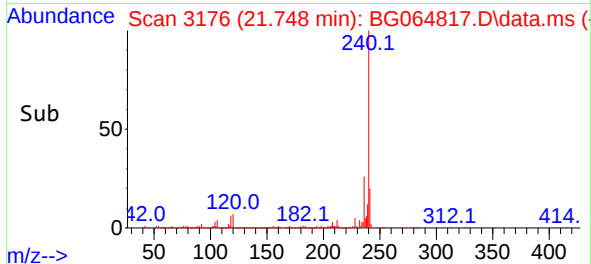
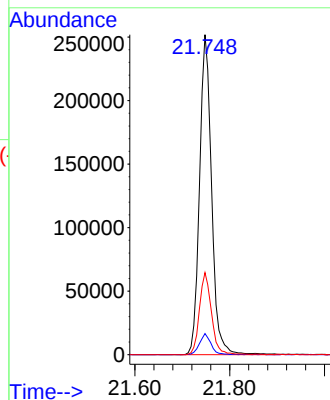
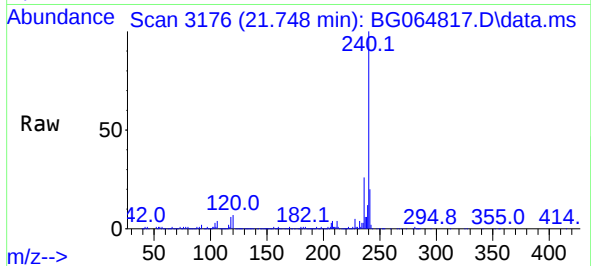




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3177
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

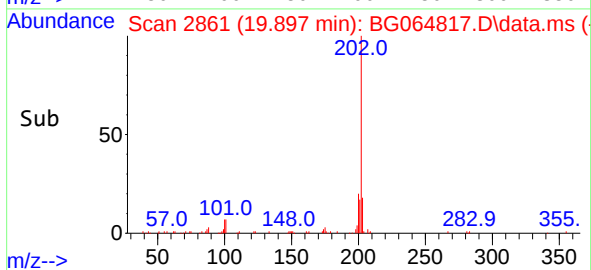
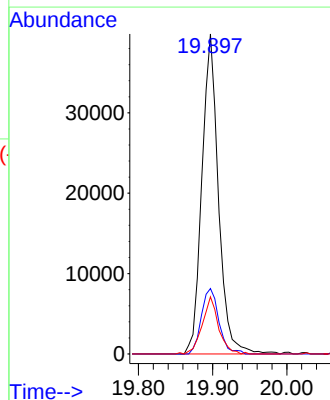
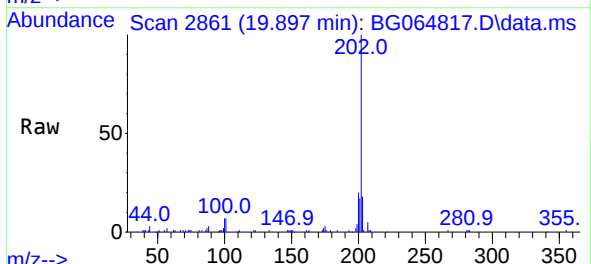
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

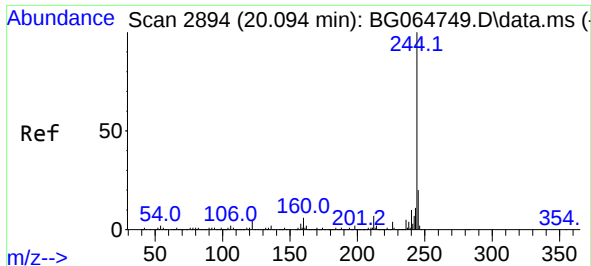
Tgt Ion:240 Resp: 443925
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.4#
236 25.6 20.8 31.2



#78
Pyrene
Concen: 2.482 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:202 Resp: 61764
Ion Ratio Lower Upper
202 100
200 20.4 17.9 26.9
203 17.8 14.0 21.0

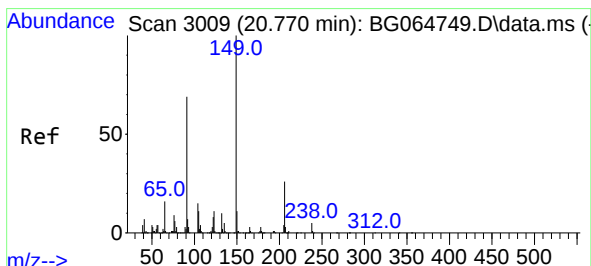
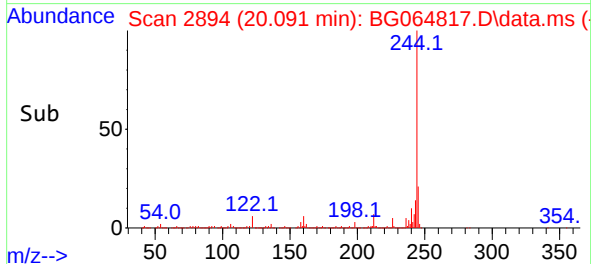
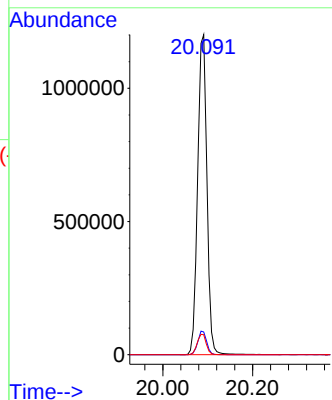
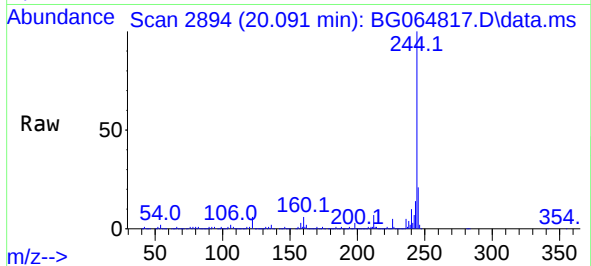




#79
 Terphenyl-d14
 Concen: 76.254 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

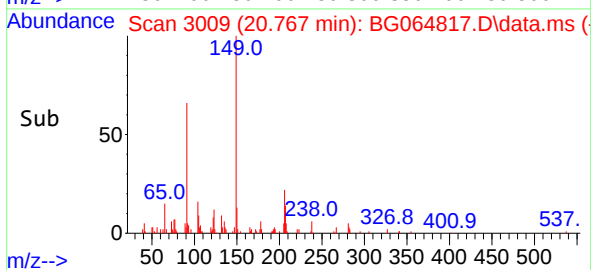
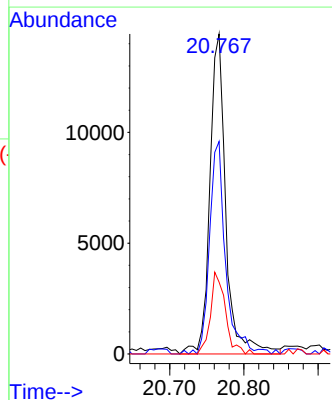
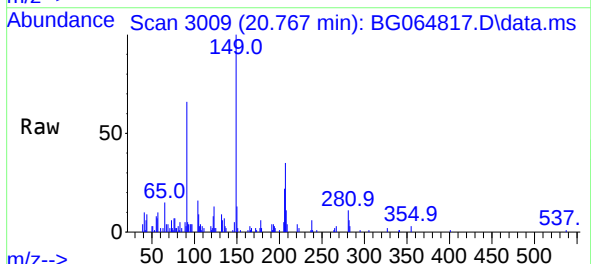
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

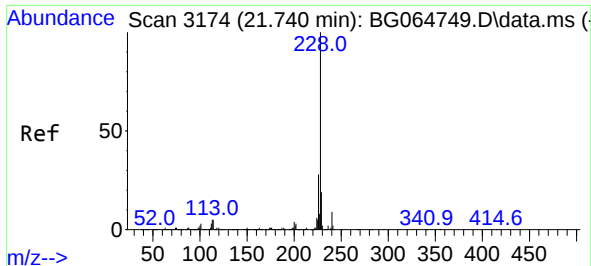
Tgt Ion:244 Resp: 1720879
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.3 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 2.469 ng
 RT: 20.767 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

Tgt Ion:149 Resp: 21605
 Ion Ratio Lower Upper
 149 100
 91 66.4 54.9 82.3
 206 22.5 21.2 31.8

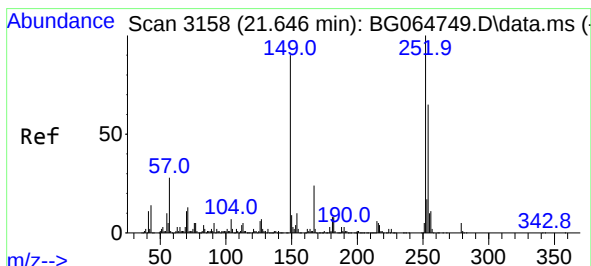
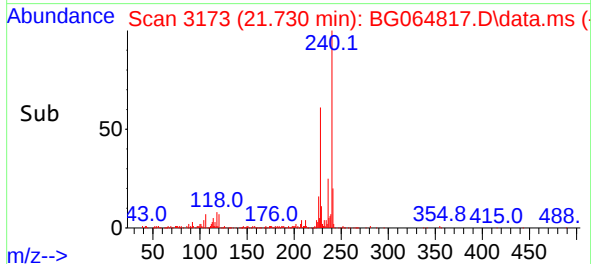
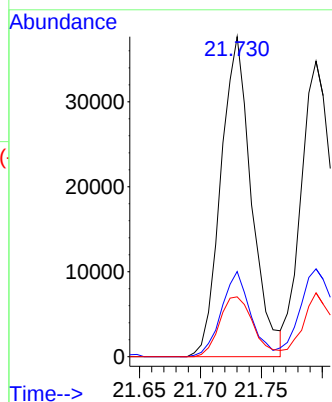
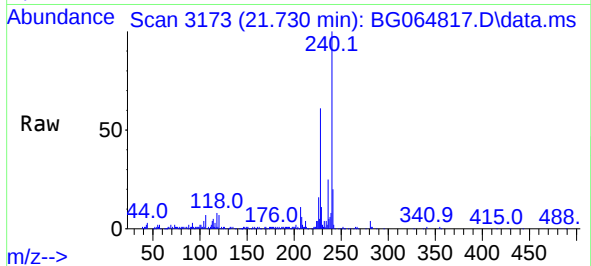




#81
Benzo(a)anthracene
Concen: 2.177 ng
RT: 21.730 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

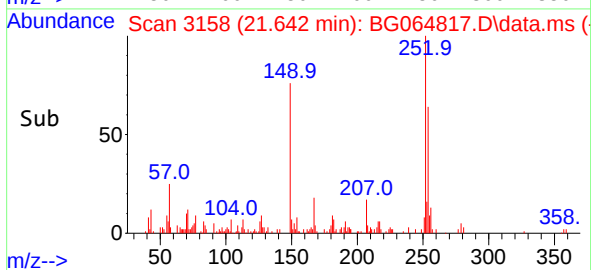
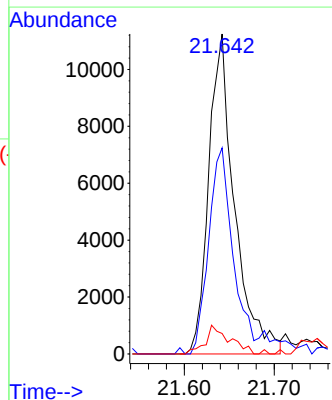
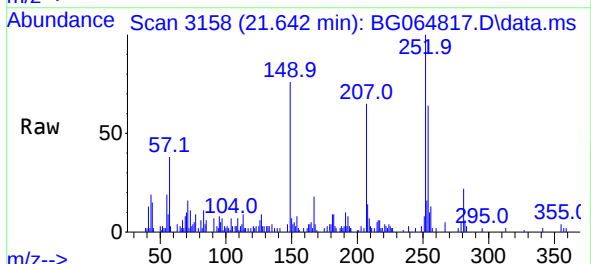
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

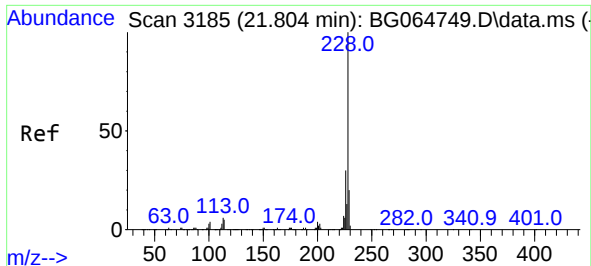
Tgt Ion:228 Resp: 65704
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 18.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 2.020 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:252 Resp: 22444
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 6.4 4.7 7.1

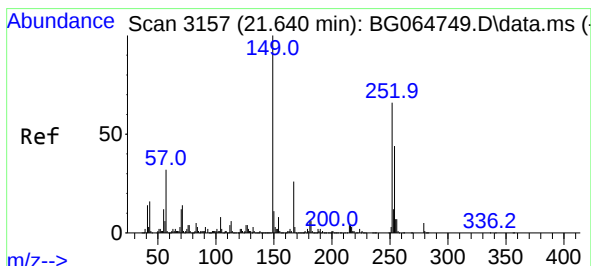
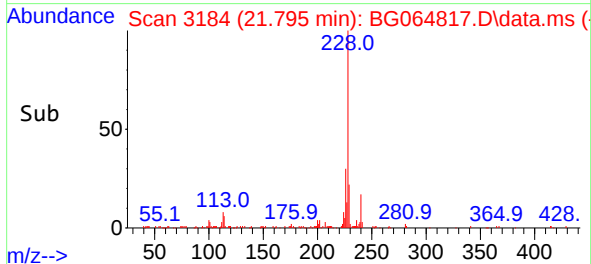
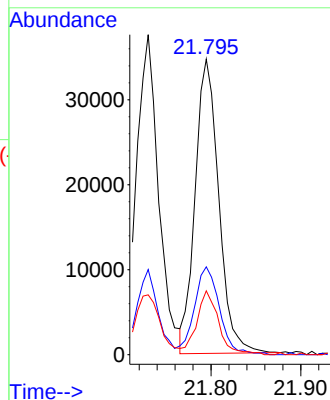
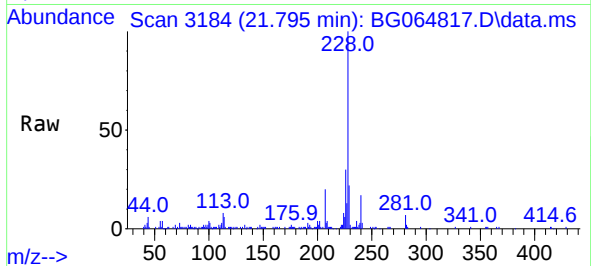




#83
Chrysene
Concen: 2.221 ng
RT: 21.795 min Scan# 3184
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

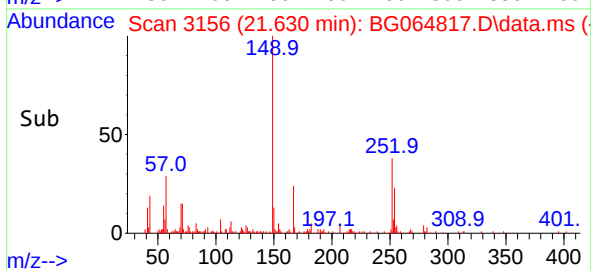
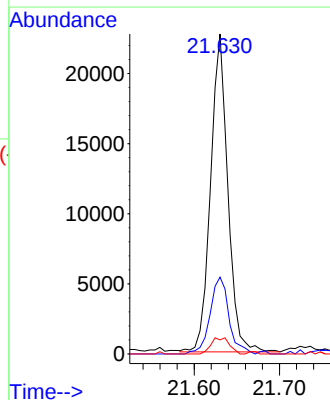
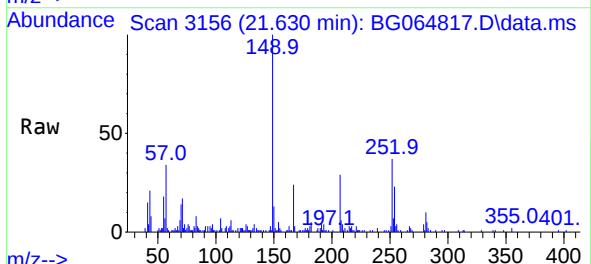
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

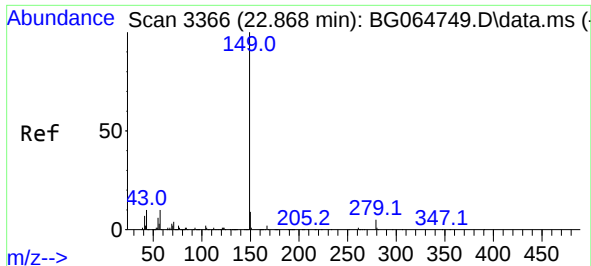
Tgt Ion:	228	Resp:	63202
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	21.6	16.0	24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.490 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:	149	Resp:	31848
Ion Ratio	Lower	Upper	
149	100		
167	24.0	21.0	31.4
279	4.4	4.1	6.1

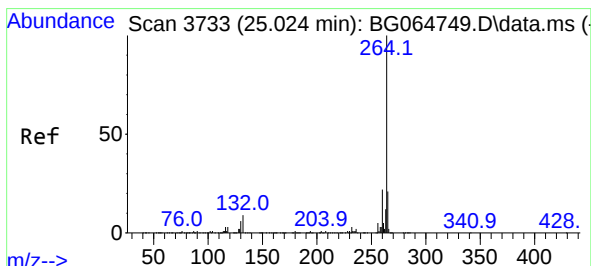
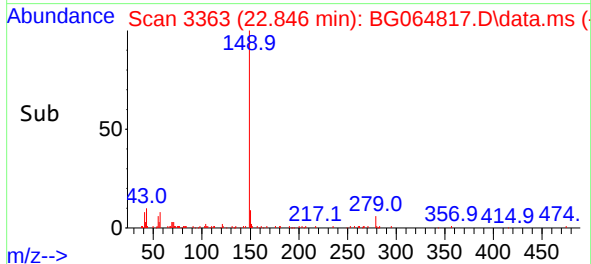
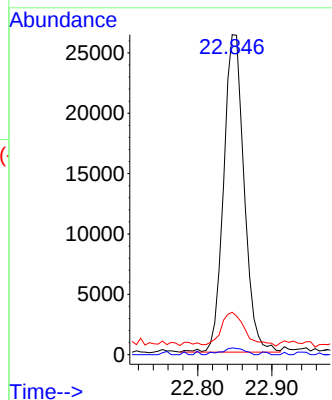
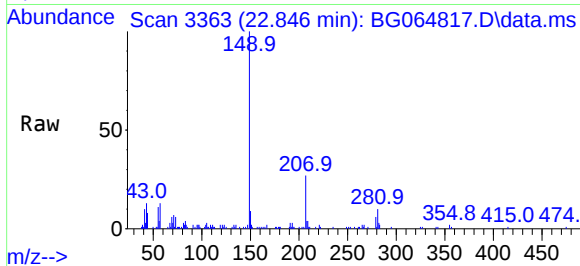




#85
Di-n-octyl phthalate
Concen: 2.282 ng
RT: 22.846 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

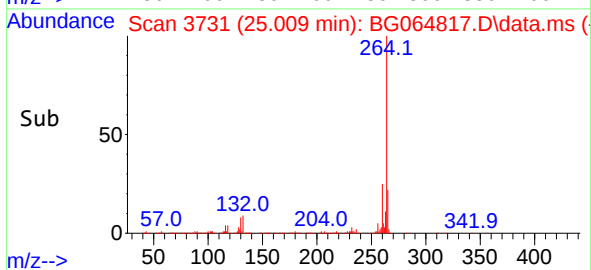
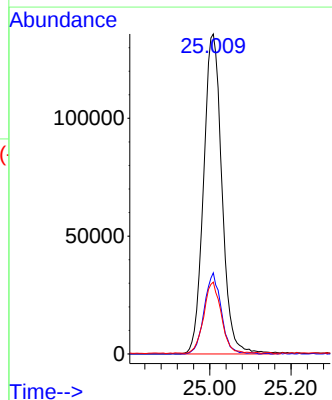
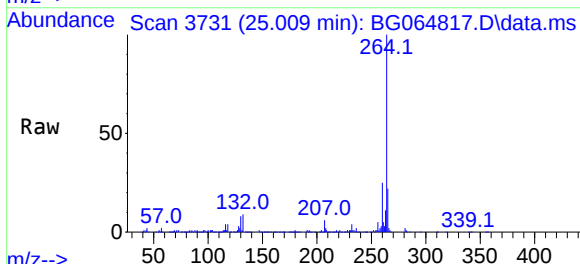
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

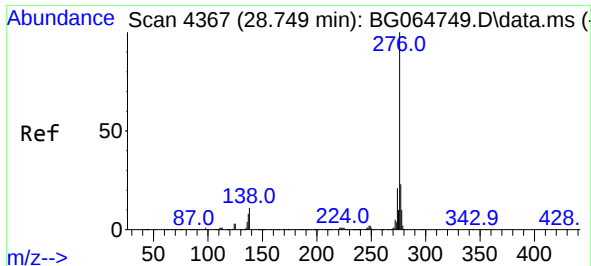
Tgt Ion:149 Resp: 50440
Ion Ratio Lower Upper
149 100
167 2.3 1.2 1.8#
43 12.3 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:264 Resp: 425566
Ion Ratio Lower Upper
264 100
260 25.3 17.2 25.8
265 22.5 16.6 25.0

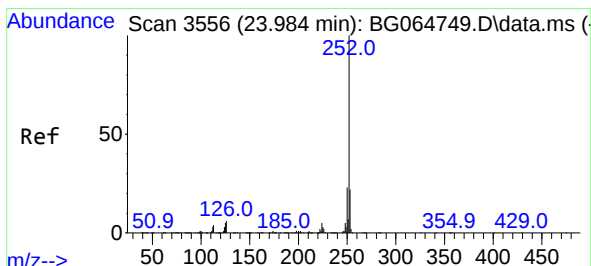
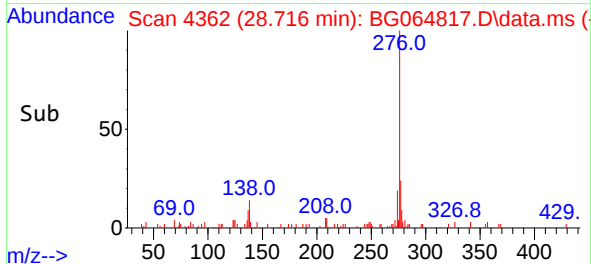
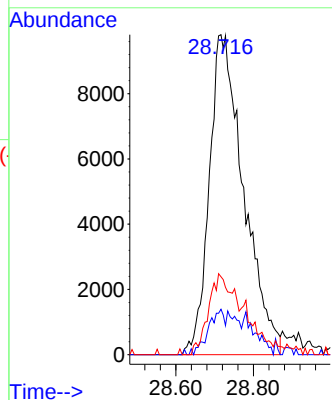
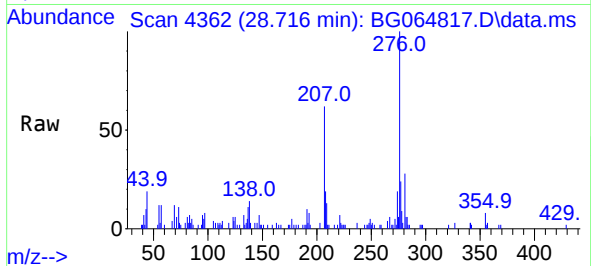




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.072 ng
 RT: 28.716 min Scan# 41
 Delta R.T. -0.033 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

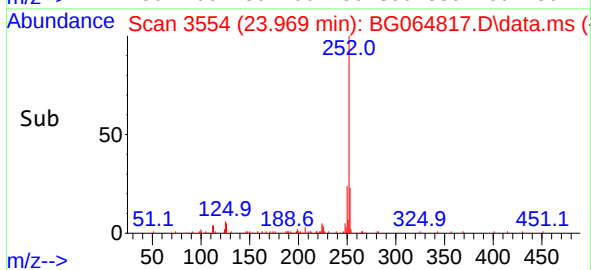
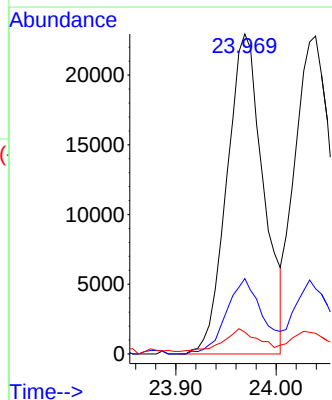
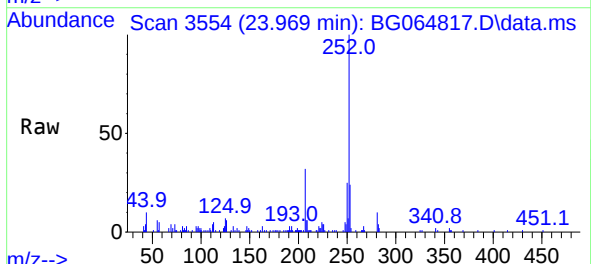
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

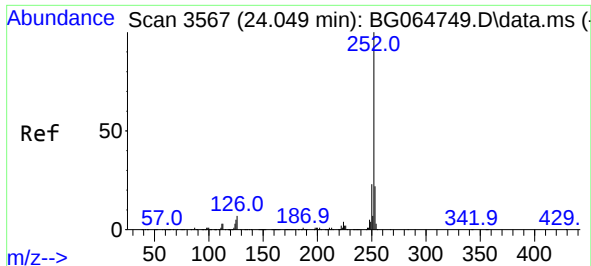
Tgt Ion:276 Resp: 60575
 Ion Ratio Lower Upper
 276 100
 138 6.7 4.5 6.7#
 277 18.5 20.0 30.0#



#88
 Benzo(b)fluoranthene
 Concen: 2.145 ng
 RT: 23.969 min Scan# 3554
 Delta R.T. -0.015 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

Tgt Ion:252 Resp: 58086
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.4 26.2
 125 6.8 4.2 6.2#

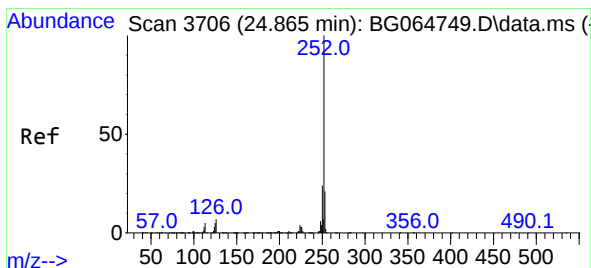
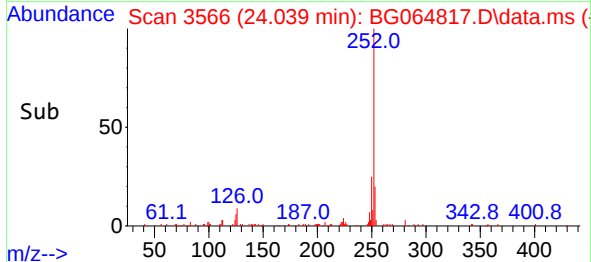
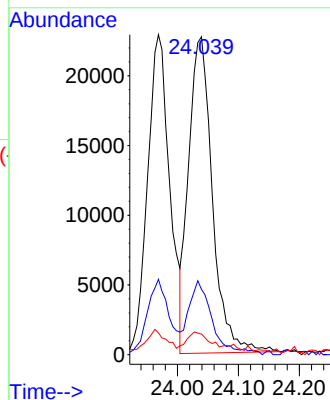
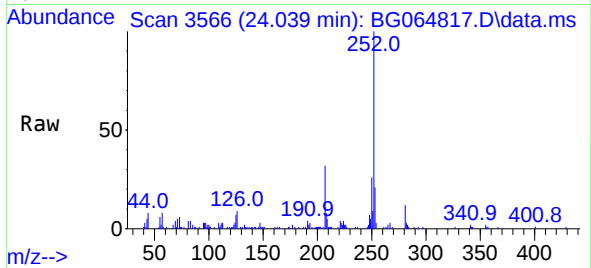




#89
Benzo(k)fluoranthene
Concen: 2.263 ng
RT: 24.039 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

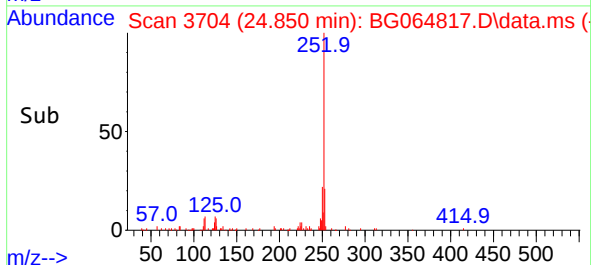
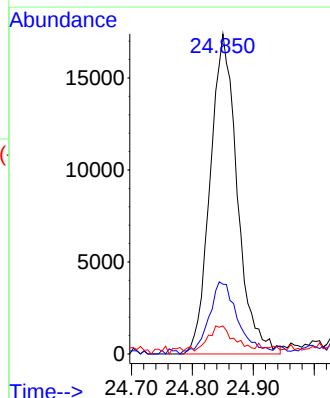
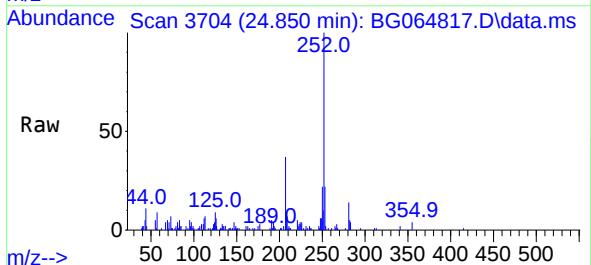
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

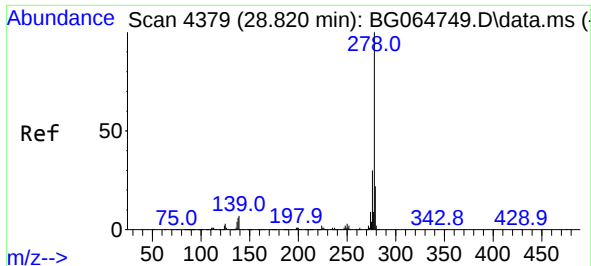
Tgt Ion:252 Resp: 61576
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 6.5 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 2.141 ng
RT: 24.850 min Scan# 3704
Delta R.T. -0.015 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:252 Resp: 53787
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 8.7 4.2 6.4#

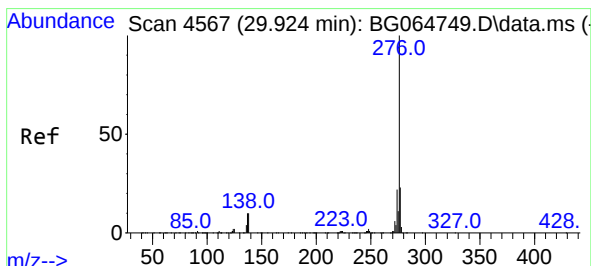
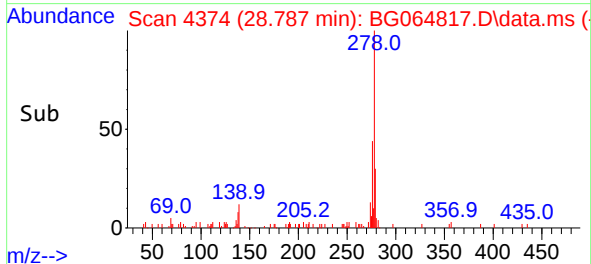
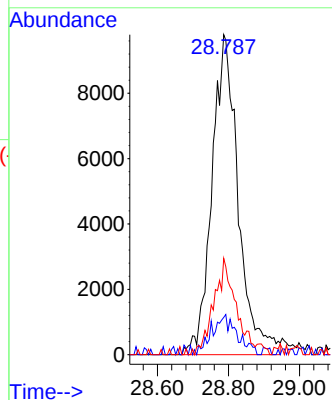
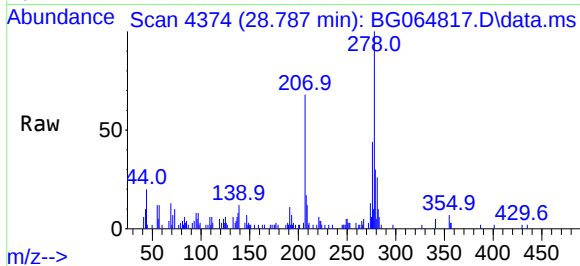




#91
Dibenzo(a,h)anthracene
Concen: 2.095 ng
RT: 28.787 min Scan# 41
Delta R.T. -0.033 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

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

Tgt Ion:278 Resp: 50183
Ion Ratio Lower Upper
278 100
139 11.7 5.8 8.8#
279 30.1 17.3 25.9#



#92
Benzo(g,h,i)perylene
Concen: 2.059 ng
RT: 29.879 min Scan# 4560
Delta R.T. -0.045 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:276 Resp: 47464
Ion Ratio Lower Upper
276 100
277 30.7 18.0 27.0#
138 11.9 8.2 12.2

