

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
 Data File : BG064842.D
 Acq On : 21 Nov 2025 13:01
 Operator : RC/JU
 Sample : Q3530-09
 Misc : MDL-WATER-4ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Nov 21 13:36:15 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	8.162	152	46959	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	187255	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	161776	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	413388	20.000	ng	0.00
76) Chrysene-d12	21.746	240	474711	20.000	ng	-0.01
86) Perylene-d12	25.007	264	455028	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	286518	106.545	ng	0.00
7) Phenol-d6	7.310	99	395518	110.581	ng	0.00
23) Nitrobenzene-d5	9.325	82	288968	76.299	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	350271	111.016	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	868263	74.889	ng	0.00
79) Terphenyl-d14	20.089	244	2098525	86.958	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.526	88	3810	3.660 ng	92
3) Pyridine	3.949	79	9840	3.172 ng	94
4) n-Nitrosodimethylamine	3.849	42	5487	3.475 ng	# 94
6) Aniline	7.480	93	17648	3.702 ng	94
8) 2-Chlorophenol	7.721	128	10994	3.723 ng	97
9) Benzaldehyde	7.287	77	9884	4.222 ng	98
10) Phenol	7.334	94	13233	3.400 ng	99
11) bis(2-Chloroethyl)ether	7.569	93	9872	3.565 ng	94
12) 1,3-Dichlorobenzene	8.050	146	12302	3.621 ng	89
13) 1,4-Dichlorobenzene	8.197	146	12592	3.640 ng	93
14) 1,2-Dichlorobenzene	8.520	146	12820	3.822 ng	96
15) Benzyl Alcohol	8.397	79	9320	3.175 ng	92
16) 2,2'-oxybis(1-Chloropr...	8.685	45	20268	3.092 ng	96
17) 2-Methylphenol	8.597	107	9463	3.437 ng	86
18) Hexachloroethane	9.261	117	4372	3.336 ng	93
19) n-Nitroso-di-n-propyla...	8.961	70	8419	3.481 ng	# 84
20) 3+4-Methylphenols	8.926	107	11374	3.015 ng	92
22) Acetophenone	8.979	105	17563	3.443 ng	93
24) Nitrobenzene	9.367	77	13856	3.621 ng	92
25) Isophorone	9.889	82	24961	3.461 ng	94
26) 2-Nitrophenol	10.089	139	5969	3.468 ng	# 86
27) 2,4-Dimethylphenol	10.130	122	10441	3.414 ng	90
28) bis(2-Chloroethoxy)met...	10.365	93	13783	3.481 ng	97
29) 2,4-Dichlorophenol	10.624	162	10454	3.184 ng	91
30) 1,2,4-Trichlorobenzene	10.841	180	14794	3.732 ng	92
31) Naphthalene	11.029	128	38786	3.654 ng	# 94
32) Benzoic acid	10.224	122	3613m	7.351 ng	
33) 4-Chloroaniline	11.129	127	14105	3.322 ng	96
34) Hexachlorobutadiene	11.323	225	11929	3.507 ng	87
35) Caprolactam	11.869	113	2702	2.752 ng	# 56
36) 4-Chloro-3-methylphenol	12.228	107	11405	3.121 ng	# 89
37) 2-Methylnaphthalene	12.621	142	25856	3.255 ng	97
38) 1-Methylnaphthalene	12.839	142	27644	3.503 ng	91
40) 1,2,4,5-Tetrachloroben...	12.986	216	22286	3.540 ng	98
41) Hexachlorocyclopentadiene	12.968	237	8947	1.983 ng	92
43) 2,4,6-Trichlorophenol	13.215	196	10613	2.872 ng	94

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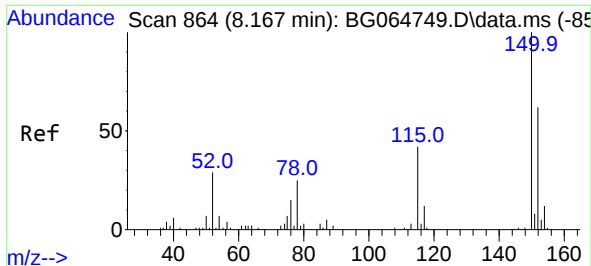
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	14386	3.471	ng	97
46) 1,1'-Biphenyl	13.614	154	40962	3.525	ng	99
47) 2-Chloronaphthalene	13.656	162	31979	3.493	ng	97
48) 2-Nitroaniline	13.844	65	8628	2.930	ng	96
49) Acenaphthylene	14.496	152	53134	3.398	ng	97
50) Dimethylphthalate	14.214	163	43702	3.420	ng	98
51) 2,6-Dinitrotoluene	14.331	165	8829	3.590	ng	87
52) Acenaphthene	14.837	154	31369	3.345	ng	96
53) 3-Nitroaniline	14.660	138	7436	3.064	ng	87
54) 2,4-Dinitrophenol	14.872	184	592	8.898	ng	# 43
55) Dibenzofuran	15.166	168	56239	3.628	ng	97
56) 4-Nitrophenol	14.972	139	3912	2.032	ng	# 72
57) 2,4-Dinitrotoluene	15.113	165	11862	3.218	ng	# 89
58) Fluorene	15.806	166	42504	3.496	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.389	232	15148	3.705	ng	# 95
60) Diethylphthalate	15.565	149	43226	3.531	ng	99
61) 4-Chlorophenyl-phenyle...	15.800	204	25694	3.521	ng	98
62) 4-Nitroaniline	15.812	138	7013	2.789	ng	83
63) Azobenzene	16.088	77	35147	3.452	ng	96
65) 4,6-Dinitro-2-methylph...	15.882	198	3612	1.574	ng	79
66) n-Nitrosodiphenylamine	16.006	169	37782	3.489	ng	98
67) 4-Bromophenyl-phenylether	16.687	248	19226	3.542	ng	97
68) Hexachlorobenzene	16.811	284	23744	3.610	ng	# 89
69) Atrazine	16.940	200	16093	3.083	ng	90
70) Pentachlorophenol	17.151	266	8076m	8.058	ng	
71) Phenanthrene	17.539	178	81967	3.624	ng	98
72) Anthracene	17.627	178	77906	3.378	ng	98
73) Carbazole	17.892	167	67656	3.412	ng	98
74) Di-n-butylphthalate	18.444	149	75067	3.394	ng	98
75) Fluoranthene	19.537	202	106400	3.440	ng	98
77) Benzidine	19.701	184	41526	2.921	ng	98
78) Pyrene	19.895	202	107494	4.040	ng	98
80) Butylbenzylphthalate	20.759	149	34671	3.705	ng	94
81) Benzo(a)anthracene	21.728	228	111020	3.439	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	37374	3.146	ng	# 97
83) Chrysene	21.793	228	108134	3.553	ng	98
84) Bis(2-ethylhexyl)phtha...	21.629	149	48140	3.520	ng	99
85) Di-n-octyl phthalate	22.851	149	74865	3.167	ng	99
87) Indeno(1,2,3-cd)pyrene	28.720	276	105697	3.381	ng	96
88) Benzo(b)fluoranthene	23.967	252	96391m	3.329	ng	
89) Benzo(k)fluoranthene	24.032	252	100712	3.462	ng	98
90) Benzo(a)pyrene	24.848	252	92245	3.434	ng	# 99
91) Dibenzo(a,h)anthracene	28.785	278	85257	3.329	ng	95
92) Benzo(g,h,i)perylene	29.878	276	86218	3.498	ng	99

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

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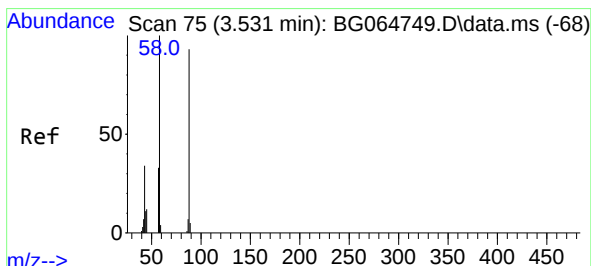
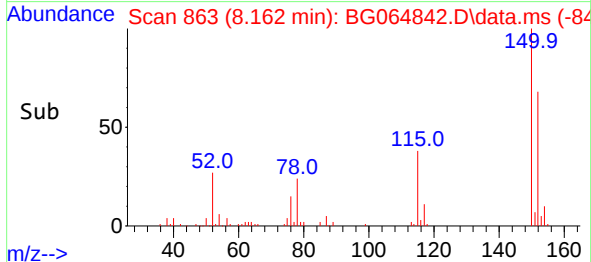
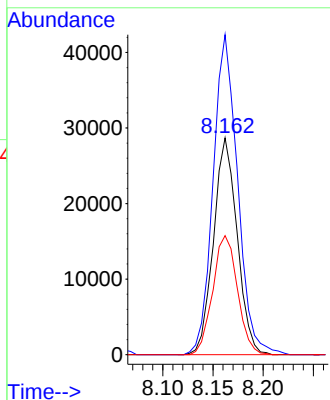
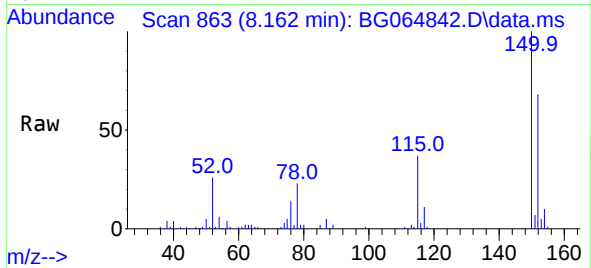




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.162 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG064842.D
 Acq: 21 Nov 2025 13:01

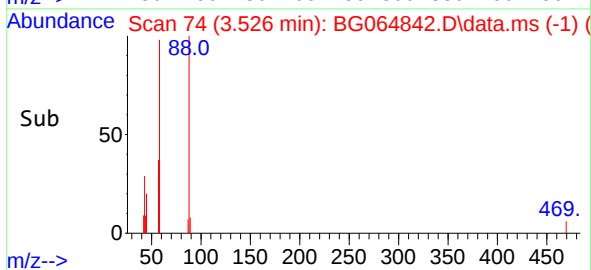
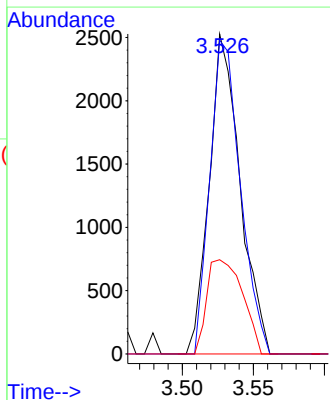
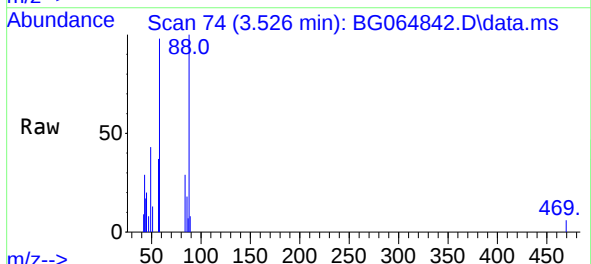
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2025

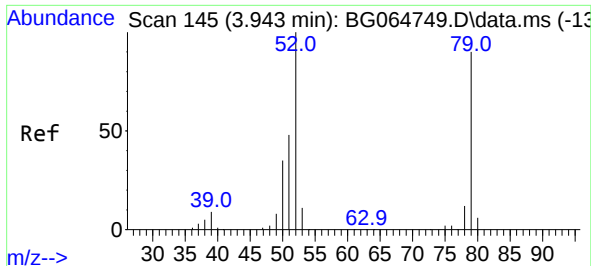
Tgt Ion:152 Resp: 46959
 Ion Ratio Lower Upper
 152 100
 150 147.6 129.2 193.8
 115 54.9 53.7 80.5



#2
 1,4-Dioxane
 Concen: 3.660 ng
 RT: 3.526 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: BG064842.D
 Acq: 21 Nov 2025 13:01

Tgt Ion: 88 Resp: 3810
 Ion Ratio Lower Upper
 88 100
 58 97.1 84.6 126.8
 43 34.1 30.0 45.0

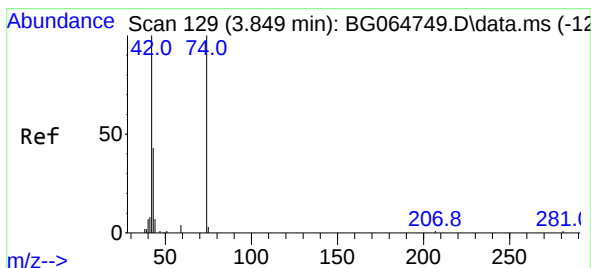
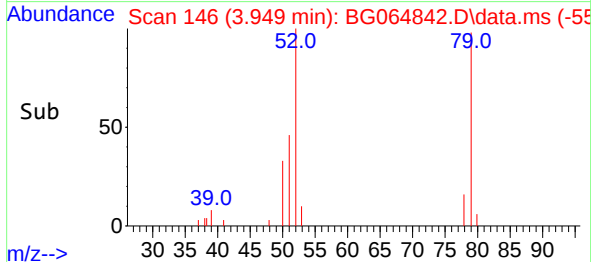
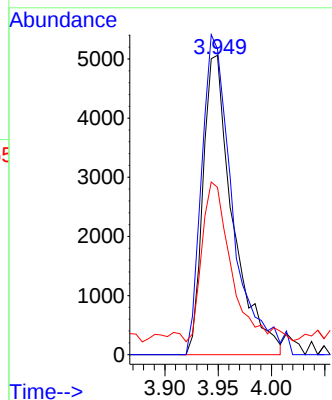
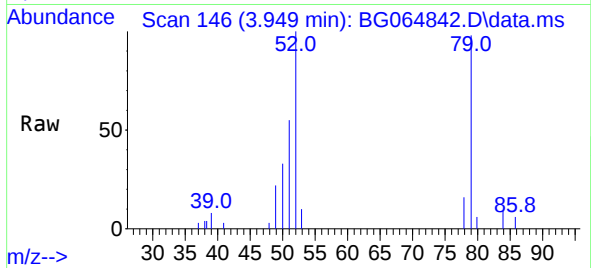




#3
Pyridine
Concen: 3.172 ng
RT: 3.949 min Scan# 145
Delta R.T. 0.007 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

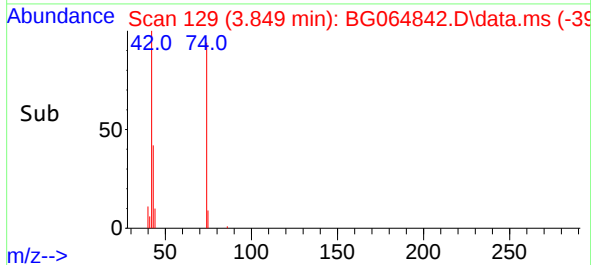
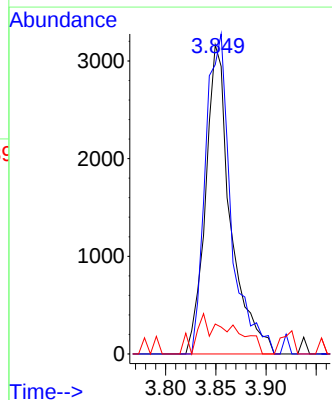
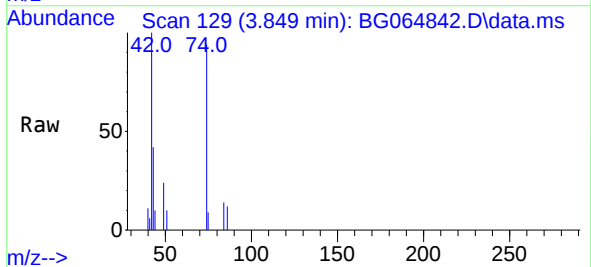
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

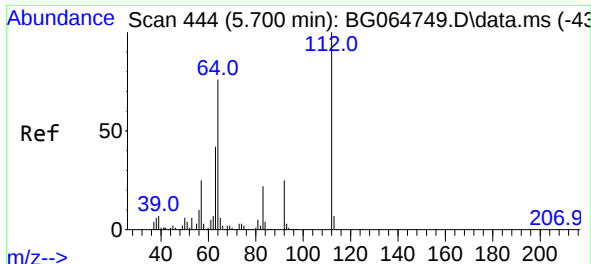
Tgt Ion:	79	Resp:	9840
Ion	Ratio	Lower	Upper
79	100		
52	102.2	89.0	133.4
51	55.9	43.4	65.0



#4
n-Nitrosodimethylamine
Concen: 3.475 ng
RT: 3.849 min Scan# 129
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	42	Resp:	5487
Ion	Ratio	Lower	Upper
42	100		
74	93.6	79.8	119.6
44	9.7	5.9	8.9

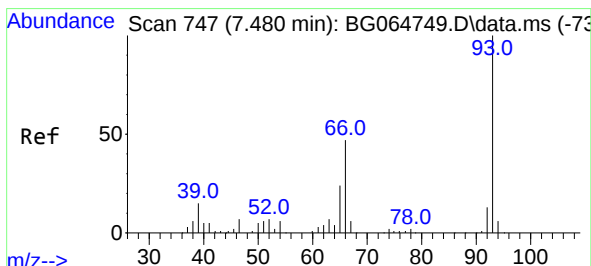
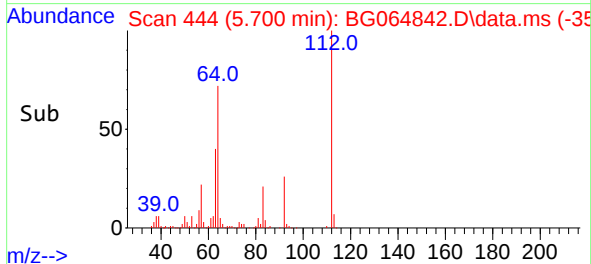
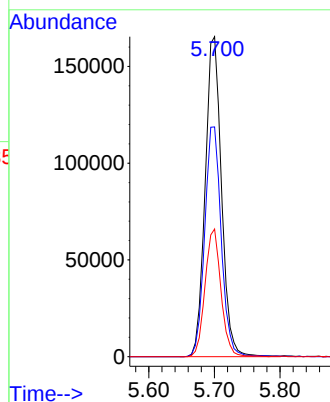
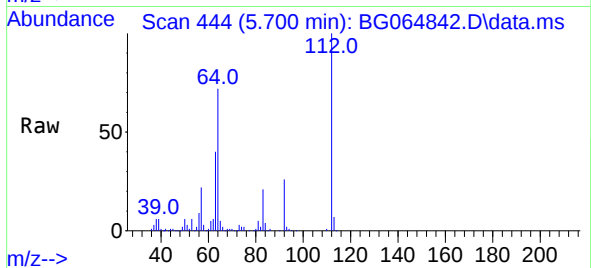




#5
2-Fluorophenol
Concen: 106.545 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

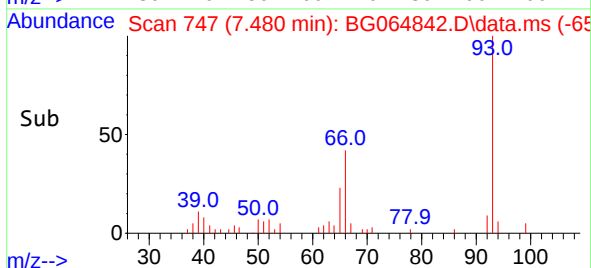
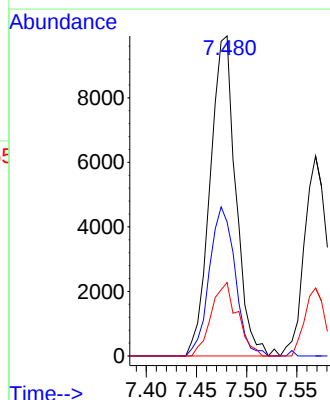
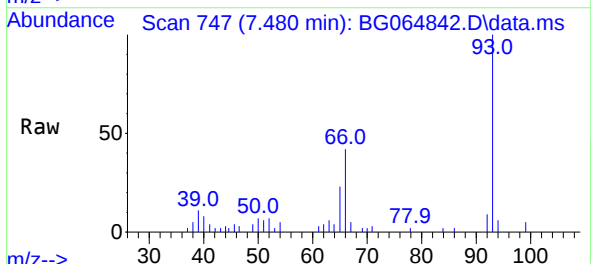
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2025

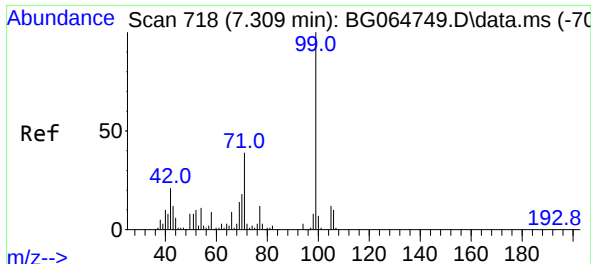
Tgt Ion:112 Resp: 286518
Ion Ratio Lower Upper
112 100
64 71.8 61.0 91.4
63 39.9 33.3 49.9



#6
Aniline
Concen: 3.702 ng
RT: 7.480 min Scan# 747
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion: 93 Resp: 17648
Ion Ratio Lower Upper
93 100
66 41.8 37.7 56.5
65 23.0 19.1 28.7



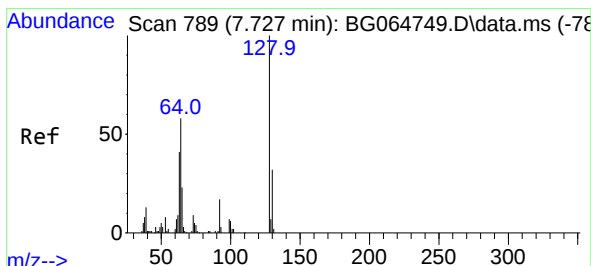
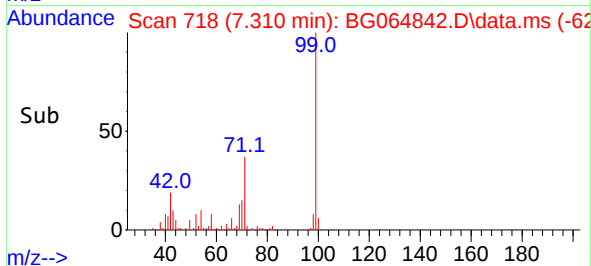
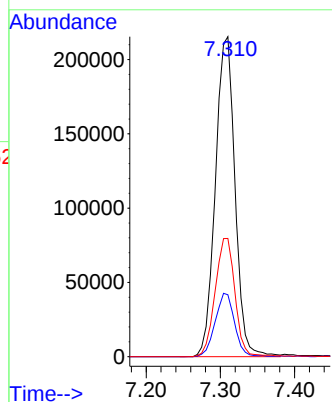
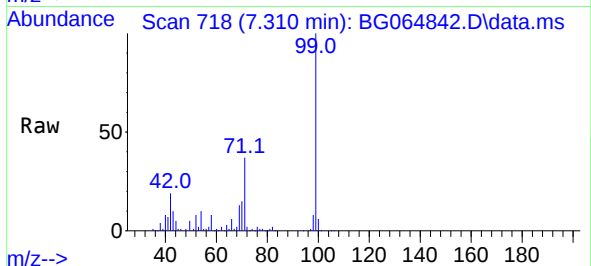


#7
Phenol-d6
Concen: 110.581 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion: 99 Resp: 395518

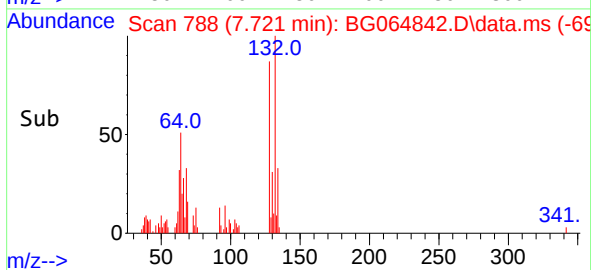
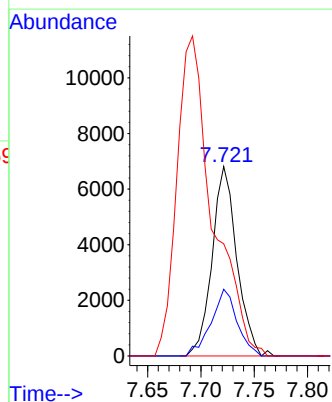
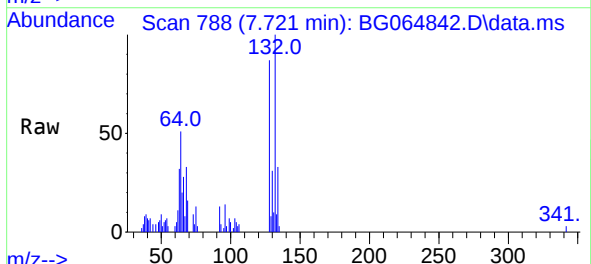
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.8	25.2
71	37.0	31.1	46.7

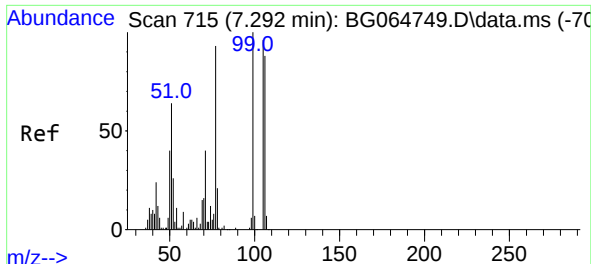


#8
2-Chlorophenol
Concen: 3.723 ng
RT: 7.721 min Scan# 788
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:128 Resp: 10994

Ion	Ratio	Lower	Upper
128	100		
130	35.3	11.9	51.9
64	59.2	38.4	78.4

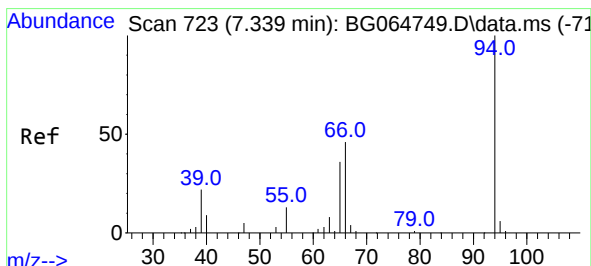
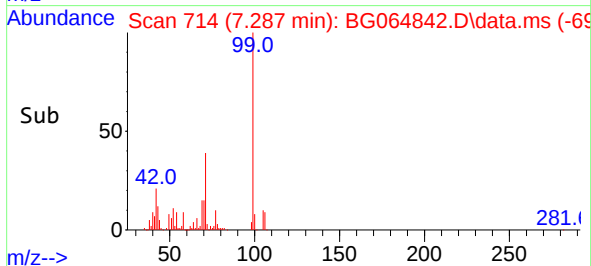
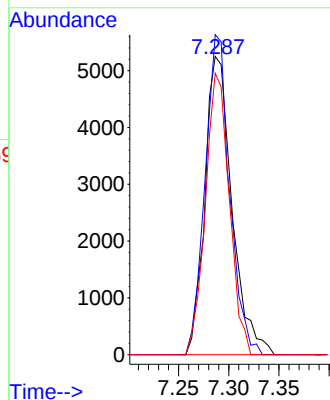
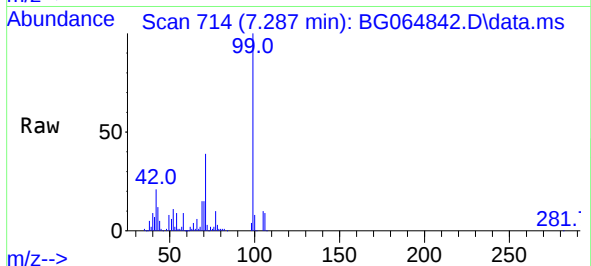




#9
Benzaldehyde
Concen: 4.222 ng
RT: 7.287 min Scan# 715
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

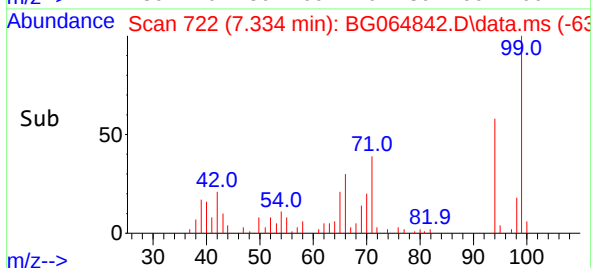
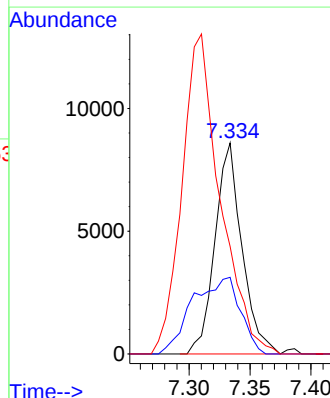
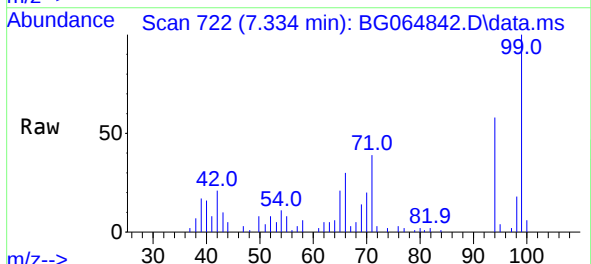
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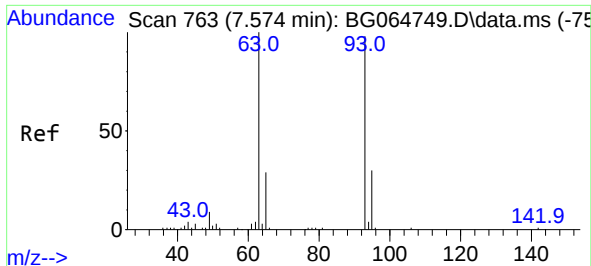
Tgt Ion:	77	Resp:	9884
Ion	Ratio	Lower	Upper
77	100		
105	107.3	83.8	123.8
106	94.4	74.3	114.3



#10
Phenol
Concen: 3.400 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	94	Resp:	13233
Ion	Ratio	Lower	Upper
94	100		
65	36.3	17.0	57.0
66	51.0	29.8	69.8

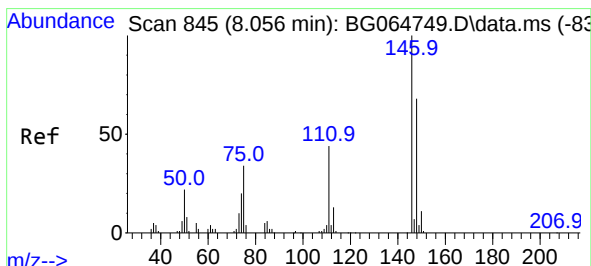
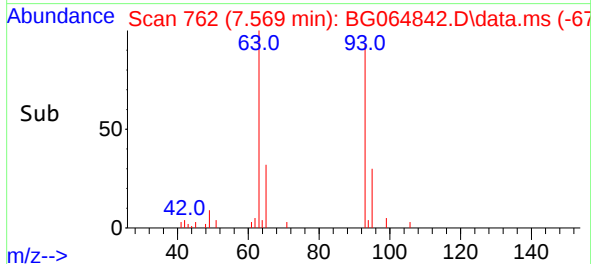
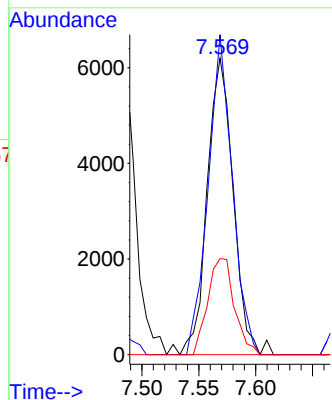
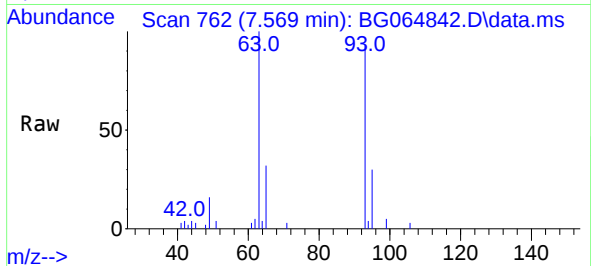




#11
bis(2-Chloroethyl)ether
Concen: 3.565 ng
RT: 7.569 min Scan# 763
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

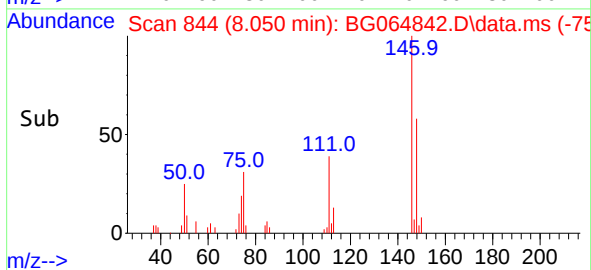
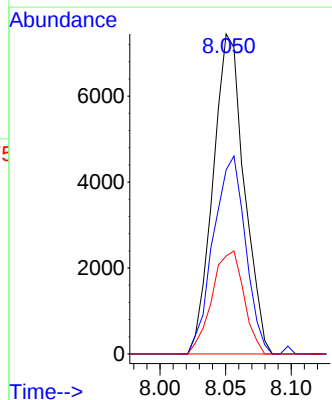
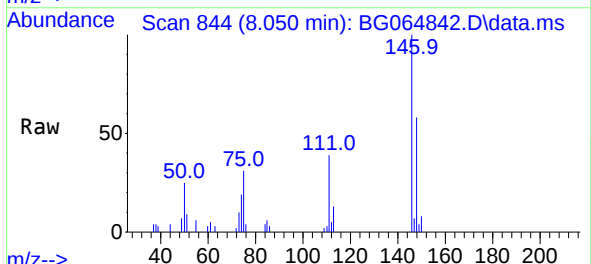
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

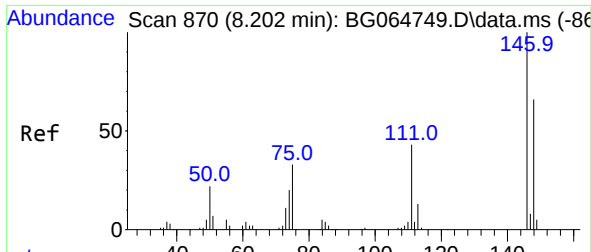
Tgt Ion:	93	Resp:	9872
Ion	Ratio	Lower	Upper
93	100		
63	108.0	81.8	121.8
95	32.5	10.3	50.3



#12
1,3-Dichlorobenzene
Concen: 3.621 ng
RT: 8.050 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

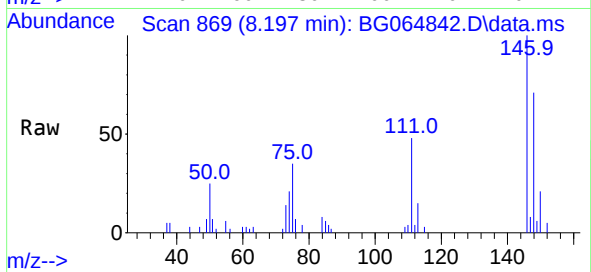
Tgt Ion:	146	Resp:	12302
Ion	Ratio	Lower	Upper
146	100		
148	57.5	54.6	82.0
75	30.6	27.6	41.4



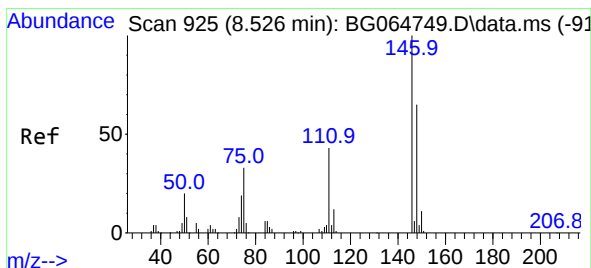
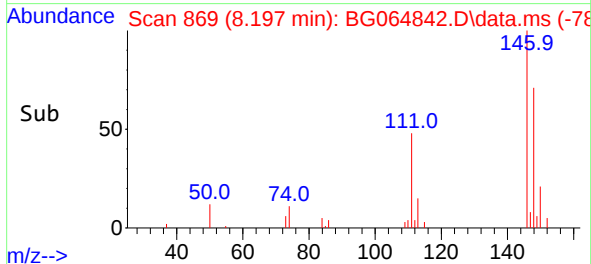
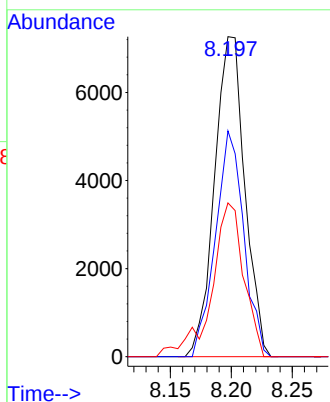


#13
1,4-Dichlorobenzene
Concen: 3.640 ng
RT: 8.197 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

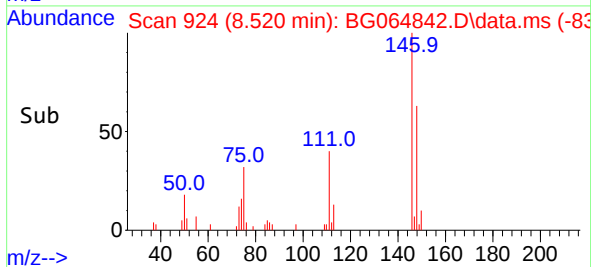
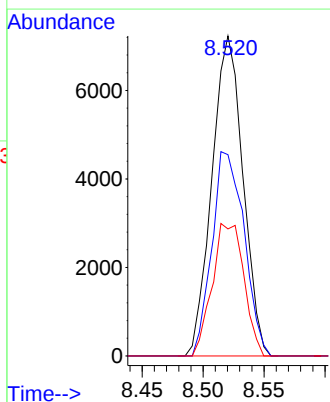
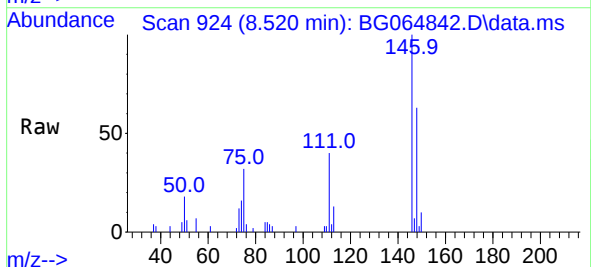


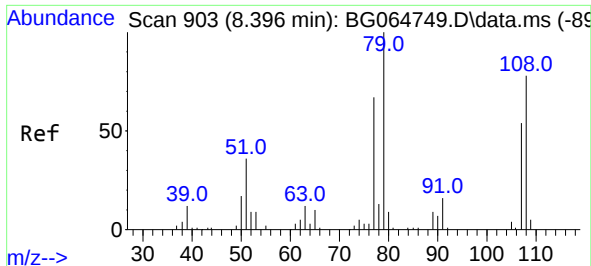
Tgt Ion:146 Resp: 12592
Ion Ratio Lower Upper
146 100
148 70.6 53.1 79.7
111 48.0 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 3.822 ng
RT: 8.520 min Scan# 924
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:146 Resp: 12820
Ion Ratio Lower Upper
146 100
148 62.9 52.0 78.0
111 39.7 34.7 52.1



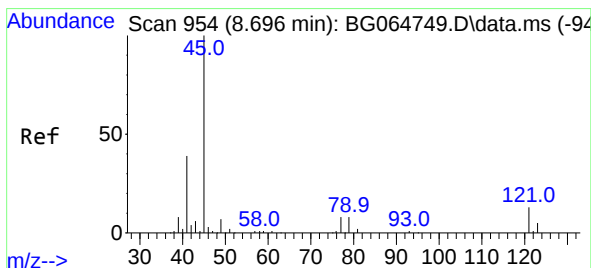
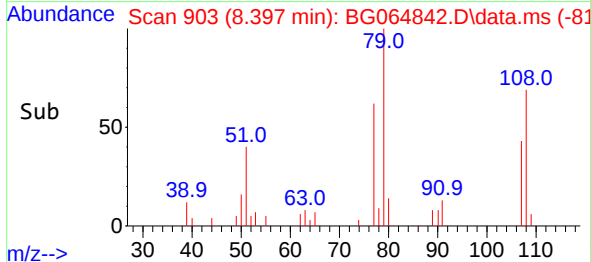
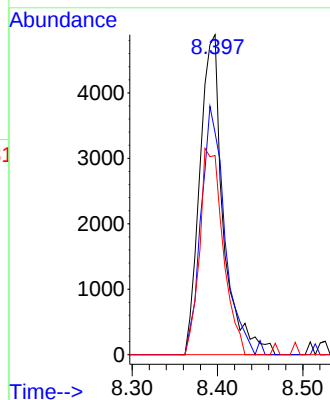
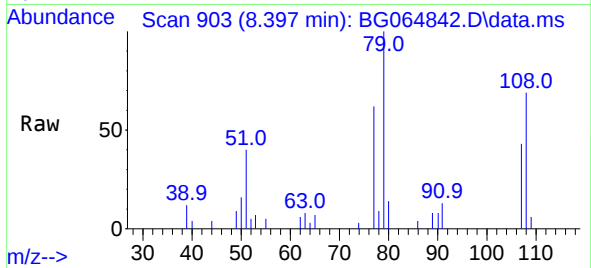


#15
Benzyl Alcohol
Concen: 3.175 ng
RT: 8.397 min Scan# 901
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion: 79 Resp: 9320

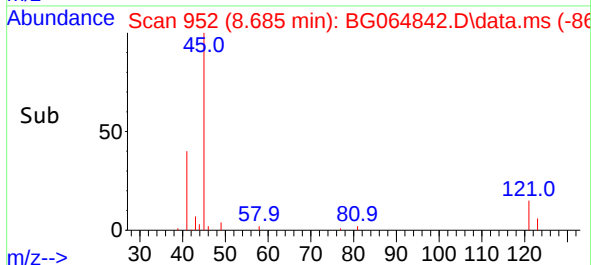
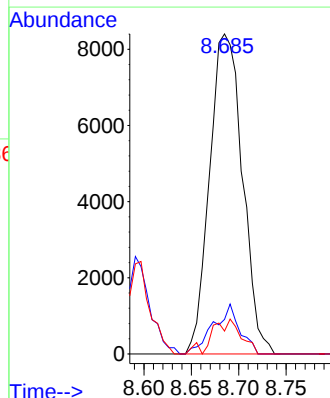
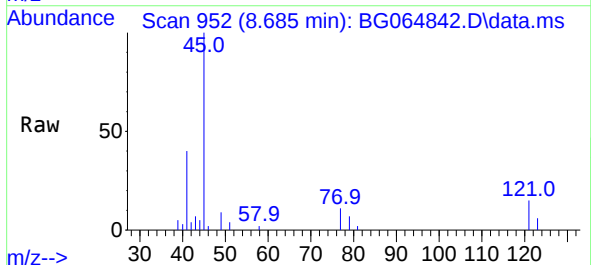
Ion	Ratio	Lower	Upper
79	100		
108	69.4	62.3	93.5
77	62.2	53.5	80.3

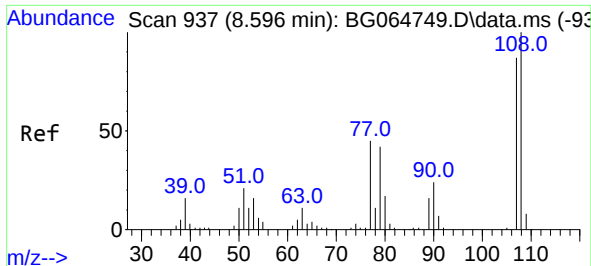


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.092 ng
RT: 8.685 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion: 45 Resp: 20268

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	28.8
79	7.2	0.0	28.1

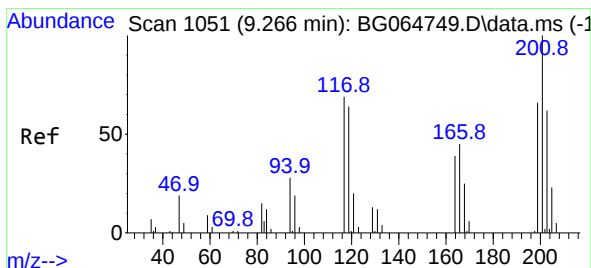
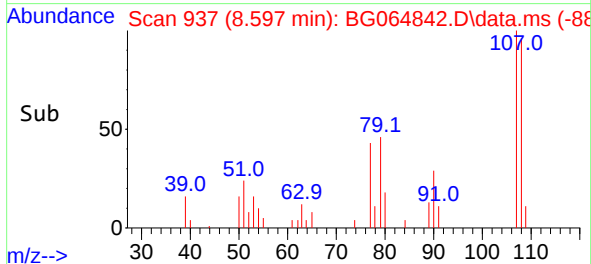
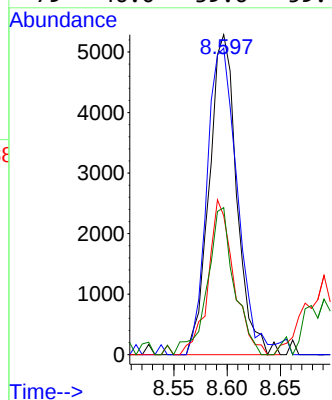
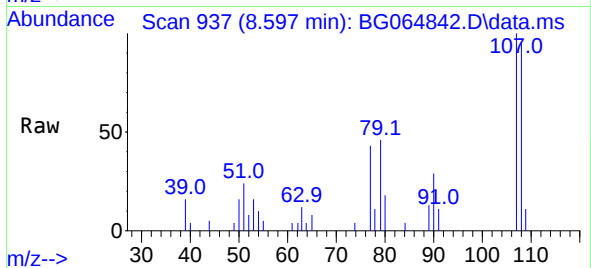




#17
2-Methylphenol
Concen: 3.437 ng
RT: 8.597 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

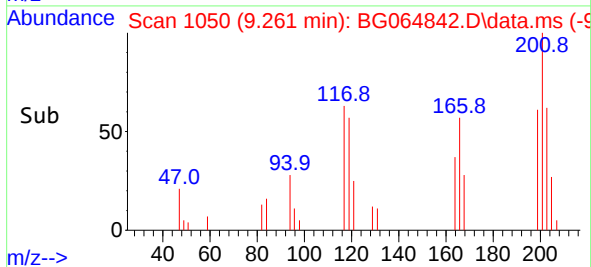
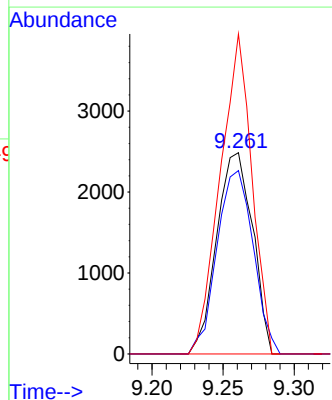
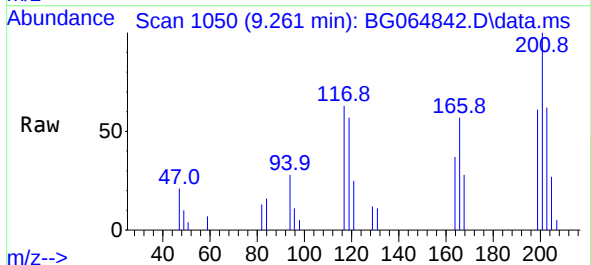
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

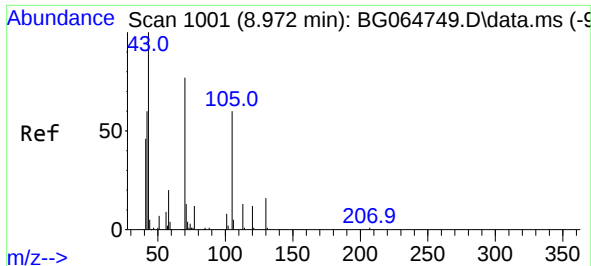
Tgt Ion:	107	Resp:	9463
Ion	Ratio	Lower	Upper
107	100		
108	95.8	92.6	138.8
77	43.4	41.2	61.8
79	46.0	39.6	59.4



#18
Hexachloroethane
Concen: 3.336 ng
RT: 9.261 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	117	Resp:	4372
Ion	Ratio	Lower	Upper
117	100		
119	91.1	74.4	111.6
201	159.0	116.5	174.7





#19

n-Nitroso-di-n-propylamine

Concen: 3.481 ng

RT: 8.961 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion: 70 Resp: 8419

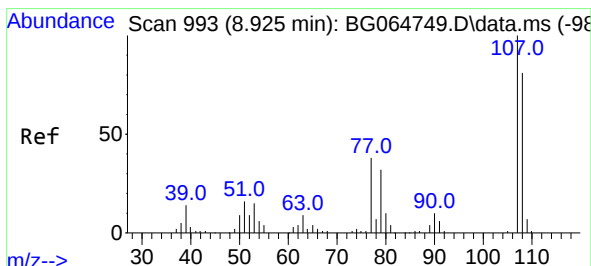
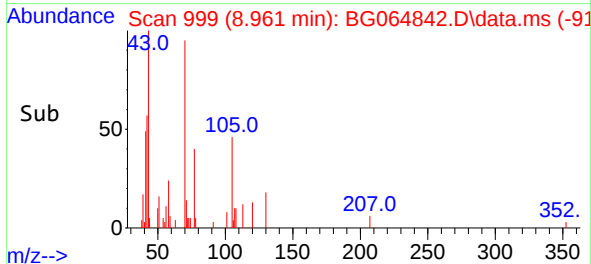
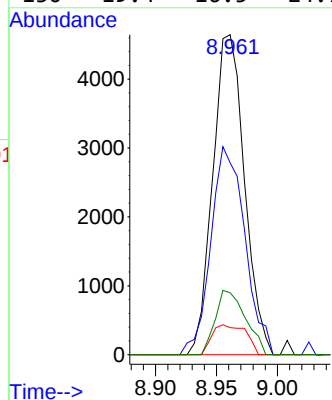
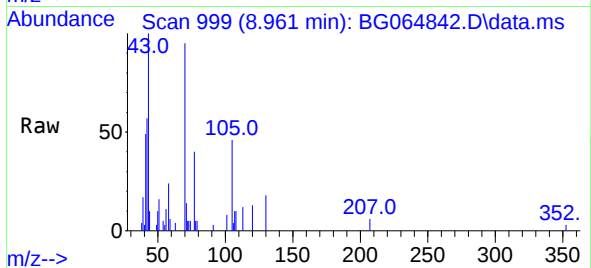
Ion Ratio Lower Upper

70 100

42 60.0 62.6 93.8#

101 8.5 8.0 12.0

130 19.4 16.5 24.7



#20

3+4-Methylphenols

Concen: 3.015 ng

RT: 8.926 min Scan# 993

Delta R.T. 0.001 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Tgt Ion: 107 Resp: 11374

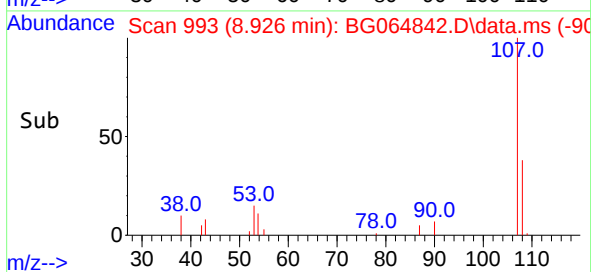
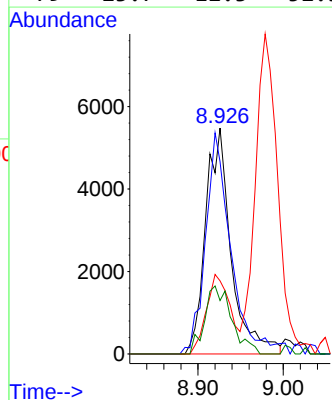
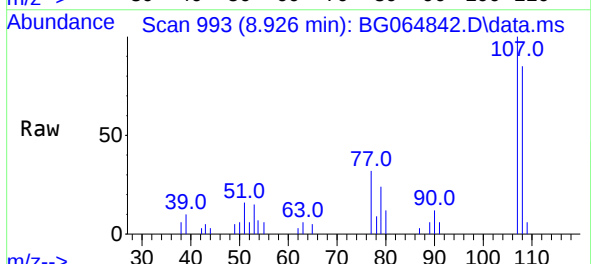
Ion Ratio Lower Upper

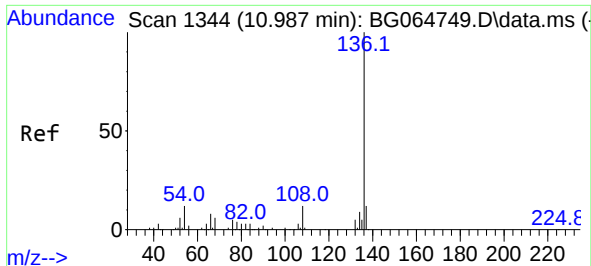
107 100

108 85.1 61.0 101.0

77 32.3 17.6 57.6

79 23.7 12.3 52.3

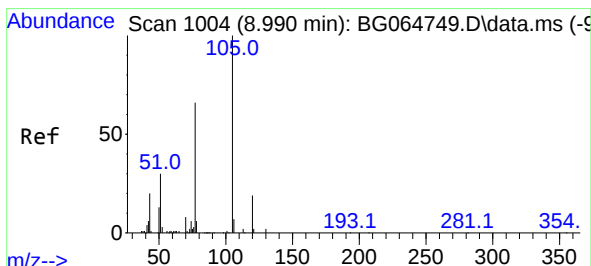
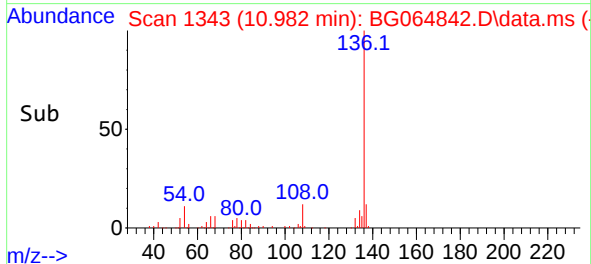
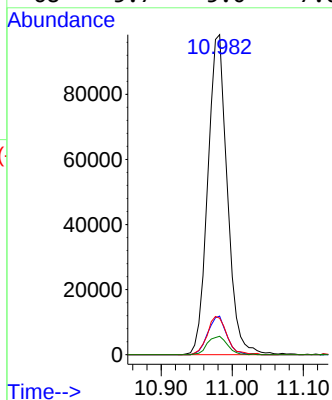
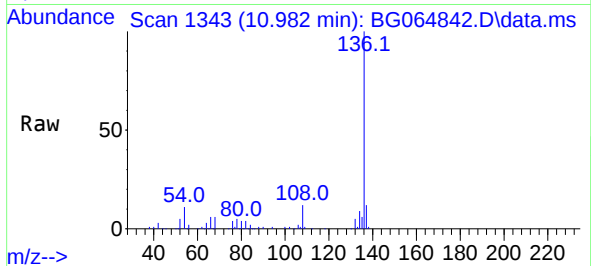




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

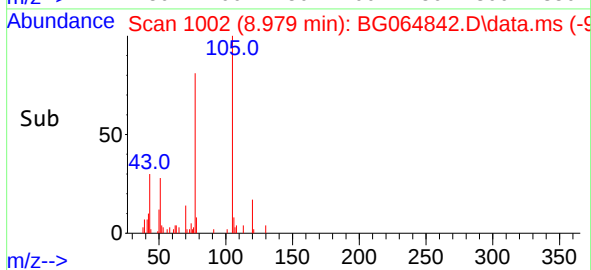
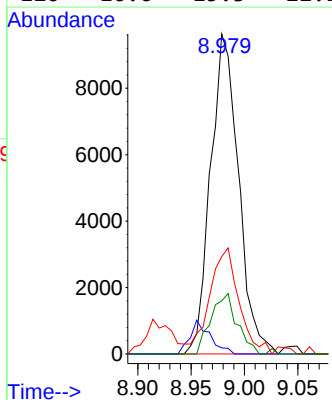
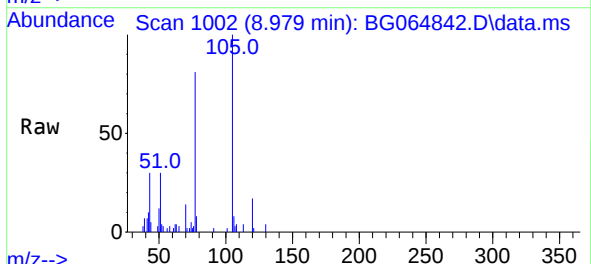
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

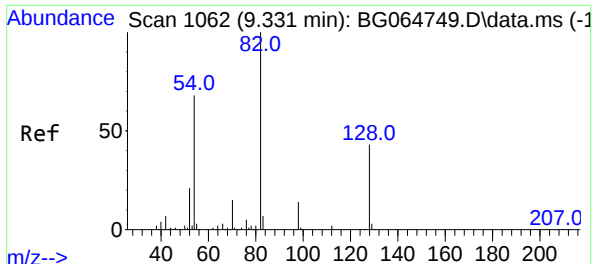
Tgt Ion:	136	Resp:	187255
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.4	9.3	13.9
68	5.7	5.0	7.6



#22
Acetophenone
Concen: 3.443 ng
RT: 8.979 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	105	Resp:	17563
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.3	1.9
51	30.4	27.9	41.9
120	16.6	15.3	22.9

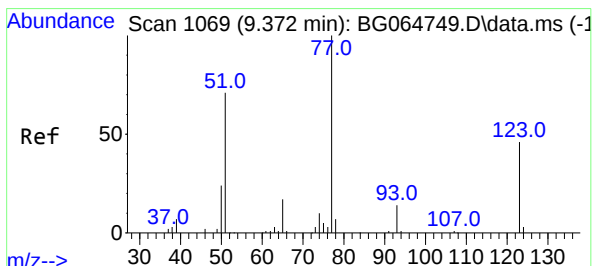
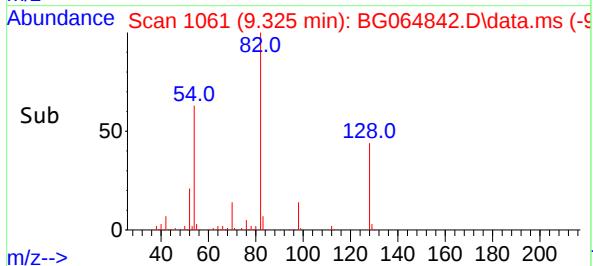
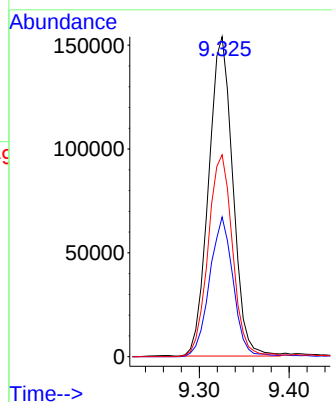
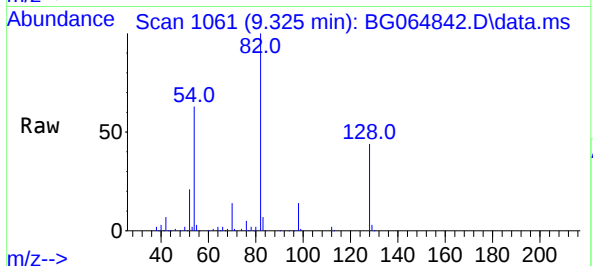




#23
Nitrobenzene-d5
Concen: 76.299 ng
RT: 9.325 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

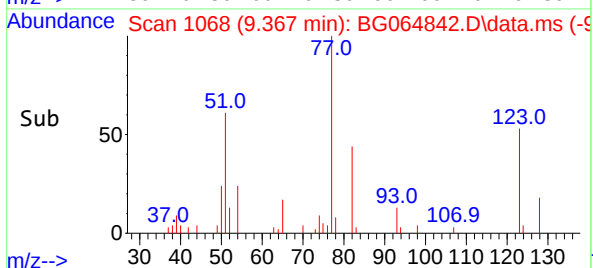
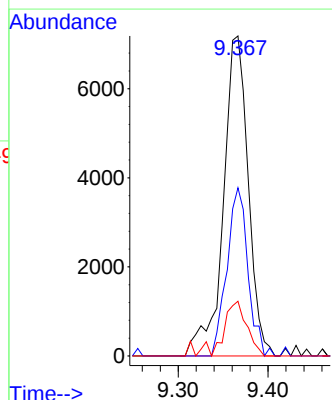
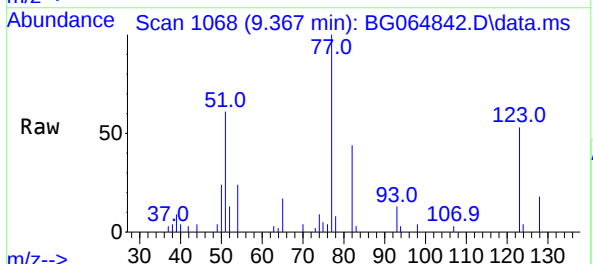
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

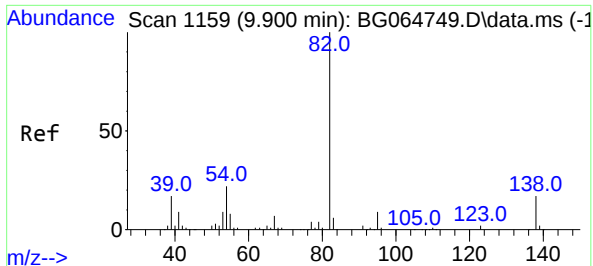
Tgt Ion: 82 Resp: 288968
Ion Ratio Lower Upper
82 100
128 43.7 34.1 51.1
54 63.1 54.3 81.5



#24
Nitrobenzene
Concen: 3.621 ng
RT: 9.367 min Scan# 1068
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion: 77 Resp: 13856
Ion Ratio Lower Upper
77 100
123 52.5 36.5 54.7
65 17.1 13.5 20.3

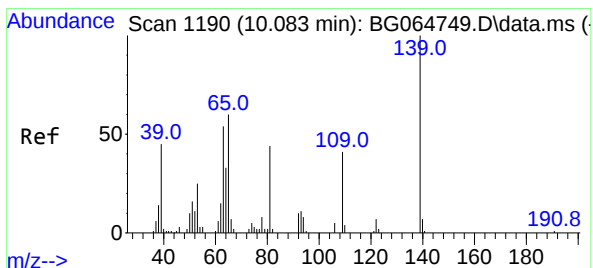
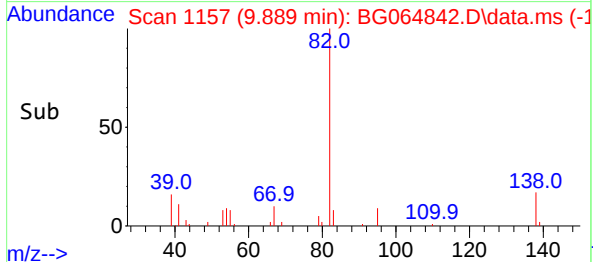
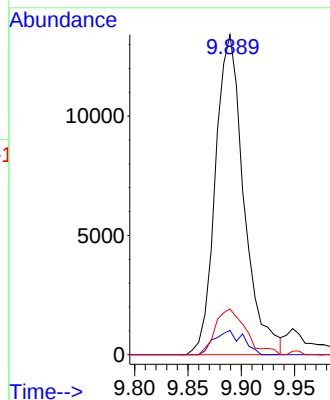
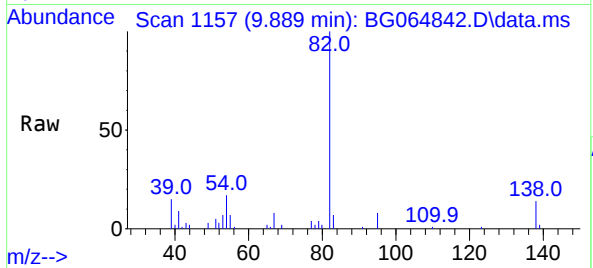




#25
Isophorone
Concen: 3.461 ng
RT: 9.889 min Scan# 1157
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

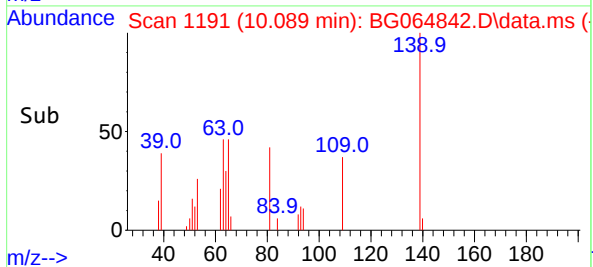
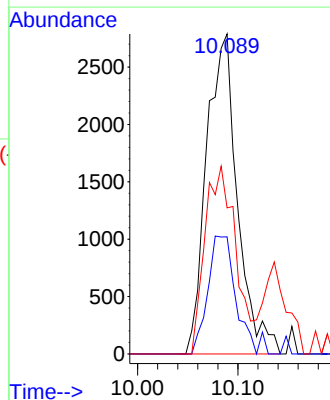
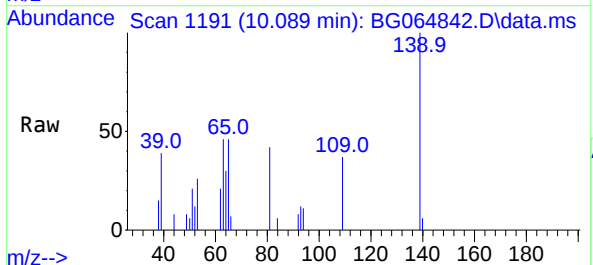
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

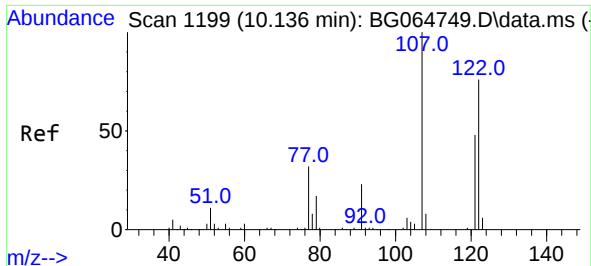
Tgt Ion:	82	Resp:	24961
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.9	10.3
138	14.3	13.9	20.9



#26
2-Nitrophenol
Concen: 3.468 ng
RT: 10.089 min Scan# 1191
Delta R.T. 0.007 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	139	Resp:	5969
Ion	Ratio	Lower	Upper
139	100		
109	36.6	32.5	48.7
65	45.6	47.6	71.4





#27

2,4-Dimethylphenol

Concen: 3.414 ng

RT: 10.130 min Scan# 1199

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

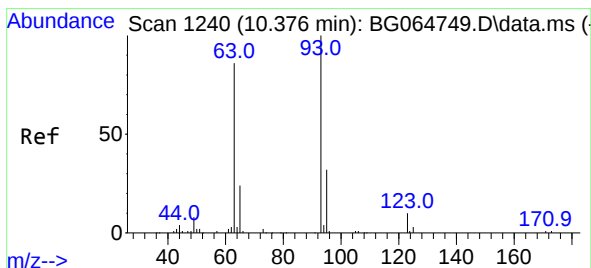
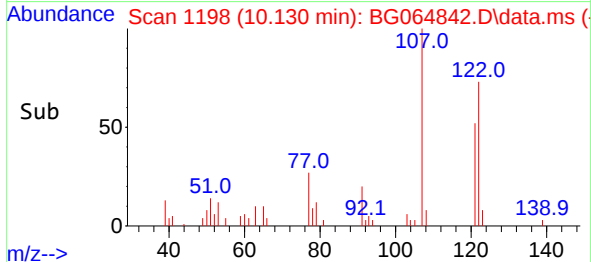
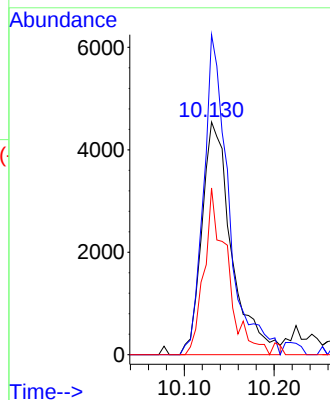
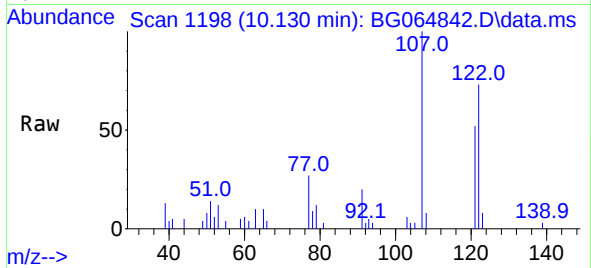
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion:	122	Resp:	10441
Ion	Ratio	Lower	Upper
122	100		
107	137.5	102.5	153.7
121	71.6	49.0	73.6



#28

bis(2-Chloroethoxy)methane

Concen: 3.481 ng

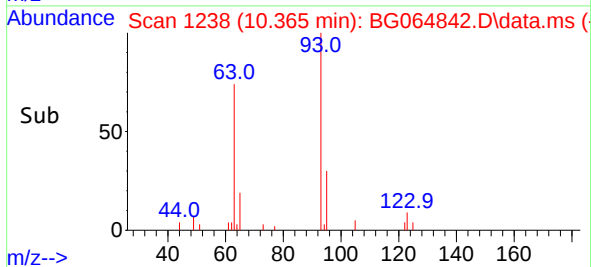
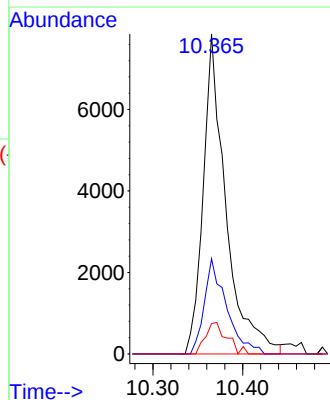
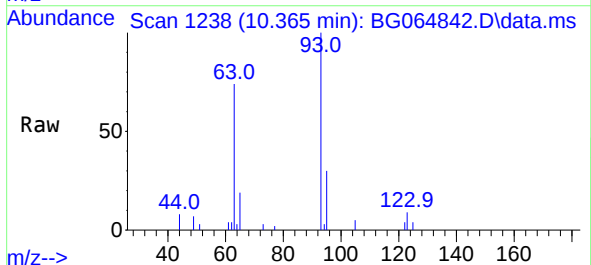
RT: 10.365 min Scan# 1238

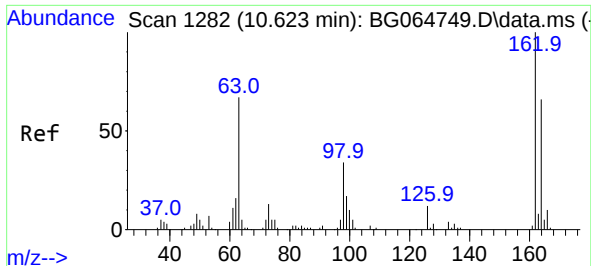
Delta R.T. -0.011 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Tgt Ion:	93	Resp:	13783
Ion	Ratio	Lower	Upper
93	100		
95	29.7	25.4	38.2
123	9.5	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 3.184 ng

RT: 10.624 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025

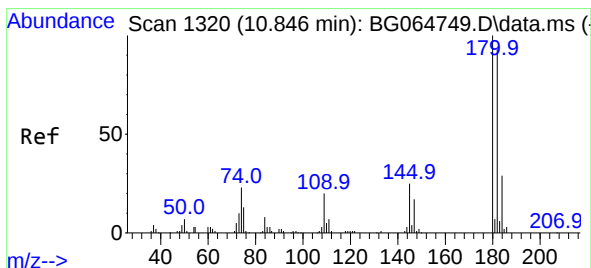
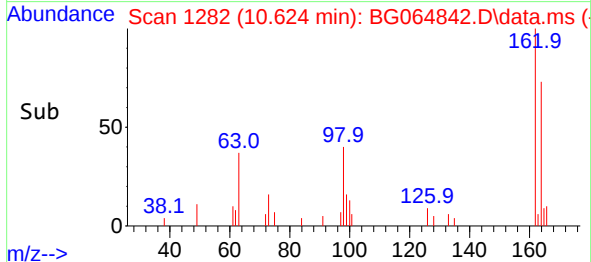
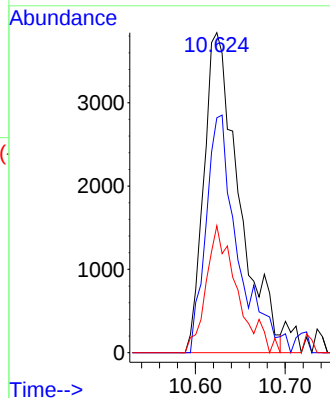
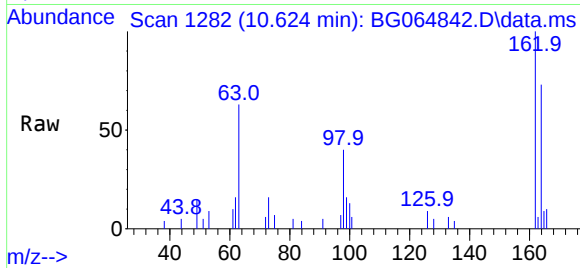
Tgt Ion:162 Resp: 10454

Ion Ratio Lower Upper

162 100

164 73.4 46.0 86.0

98 39.7 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 3.732 ng

RT: 10.841 min Scan# 1319

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

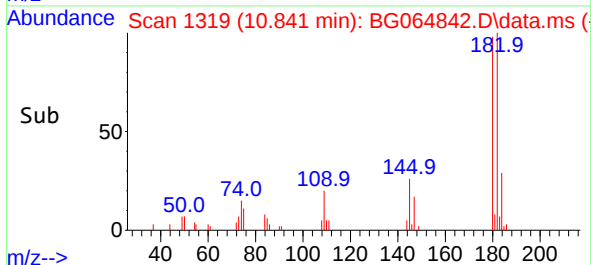
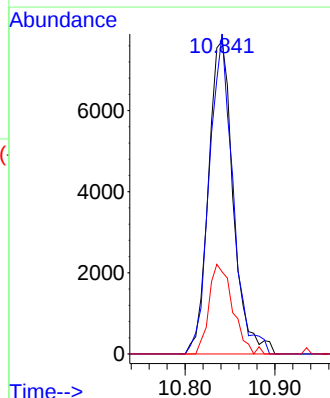
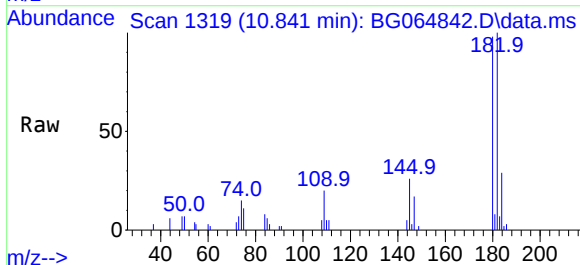
Tgt Ion:180 Resp: 14794

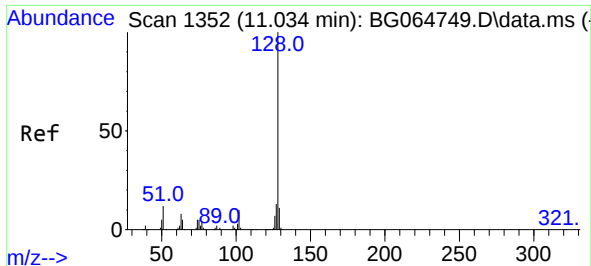
Ion Ratio Lower Upper

180 100

182 102.2 74.2 111.4

145 26.2 20.0 30.0

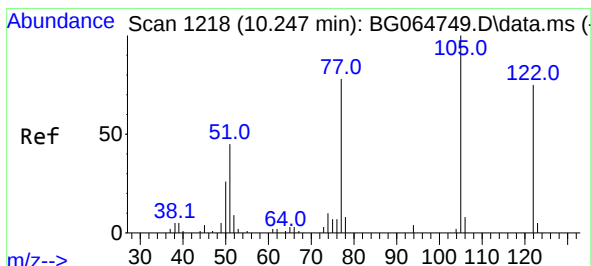
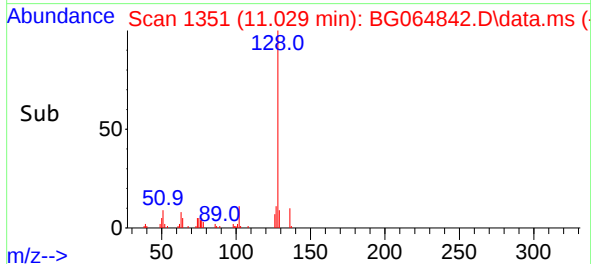
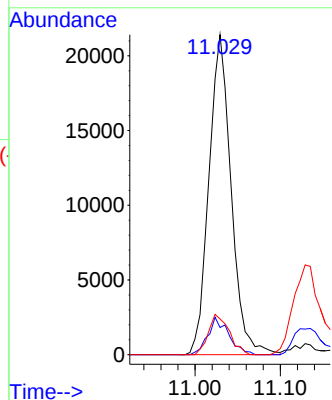
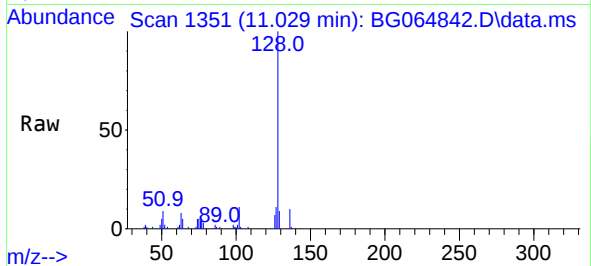




#31
Naphthalene
Concen: 3.654 ng
RT: 11.029 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

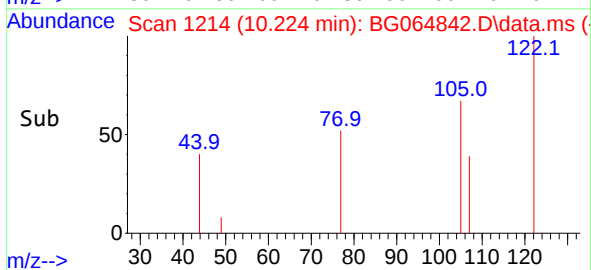
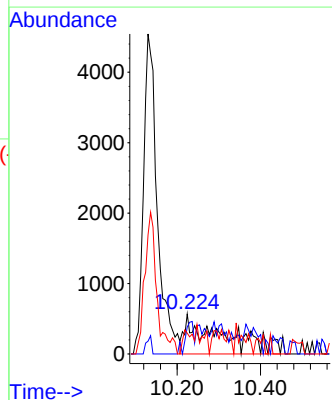
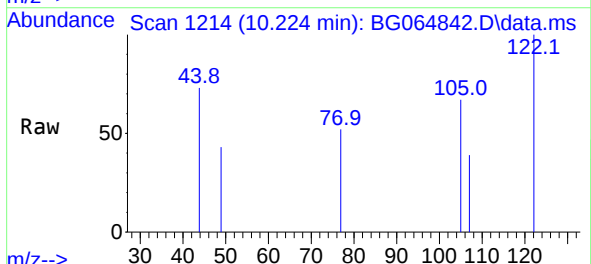
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

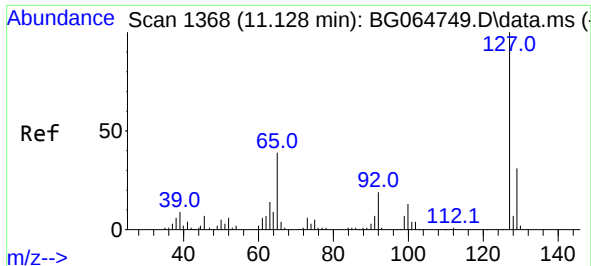
Tgt Ion:128 Resp: 38786
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 11.2 10.6 16.0



#32
Benzoic acid
Concen: 7.351 ng m
RT: 10.224 min Scan# 1214
Delta R.T. -0.023 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:122 Resp: 3613
Ion Ratio Lower Upper
122 100
105 67.0 107.6 147.6#
77 51.8 82.5 122.5#

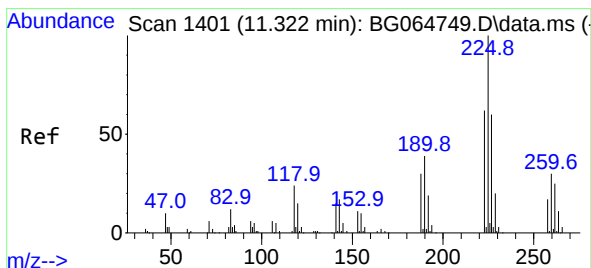
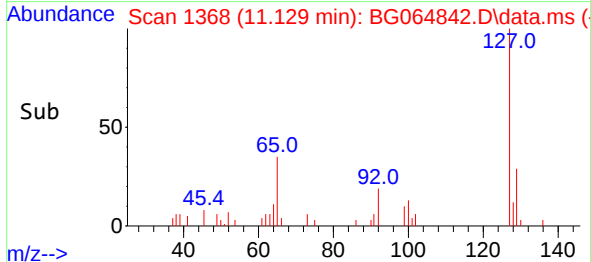
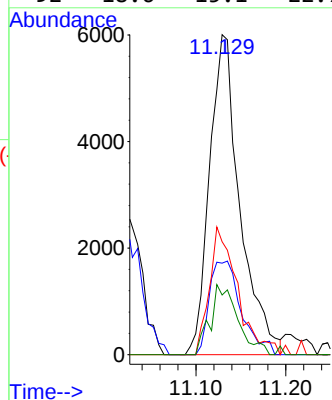
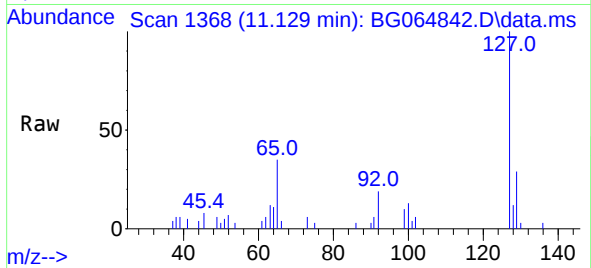




#33
4-Chloroaniline
Concen: 3.322 ng
RT: 11.129 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

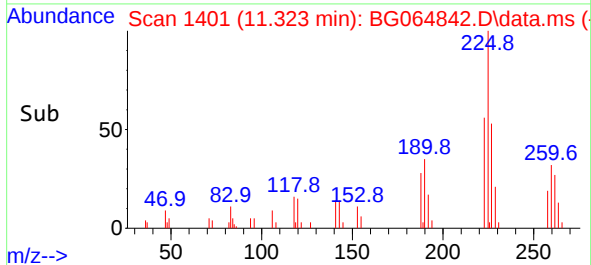
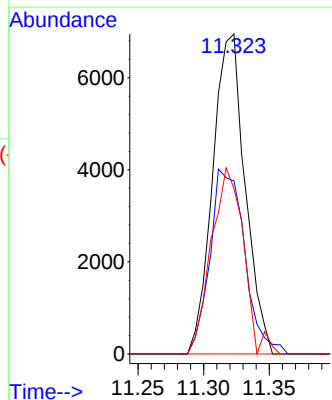
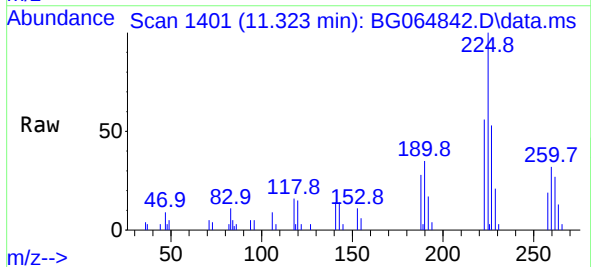
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

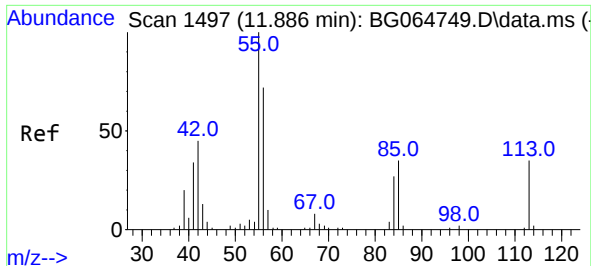
Tgt Ion:	127	Resp:	14105
Ion	Ratio	Lower	Upper
127	100		
129	28.6	24.9	37.3
65	35.3	30.9	46.3
92	18.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 3.507 ng
RT: 11.323 min Scan# 1401
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	225	Resp:	11929
Ion	Ratio	Lower	Upper
225	100		
223	54.0	49.9	74.9
227	51.7	50.6	75.8

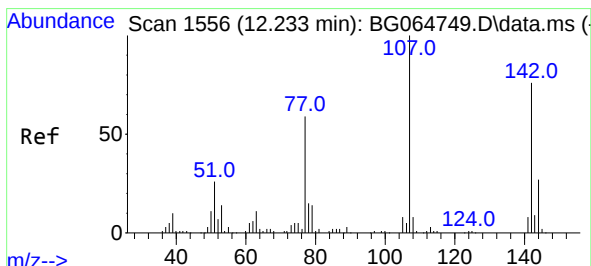
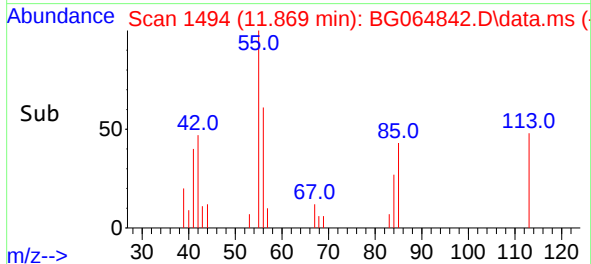
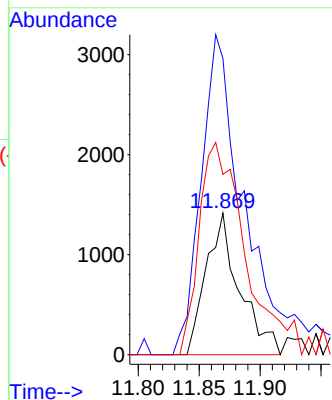
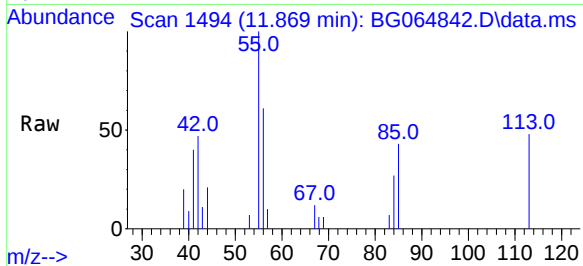




#35
Caprolactam
Concen: 2.752 ng
RT: 11.869 min Scan# 1497
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

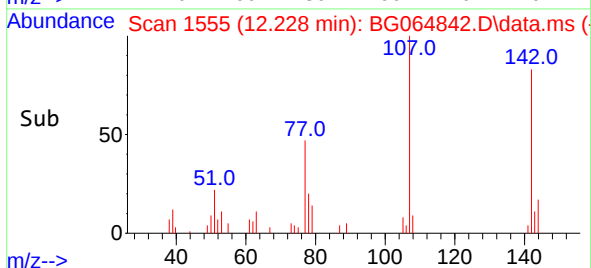
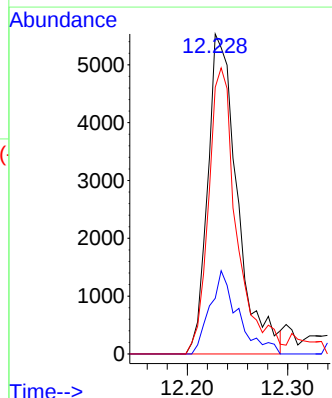
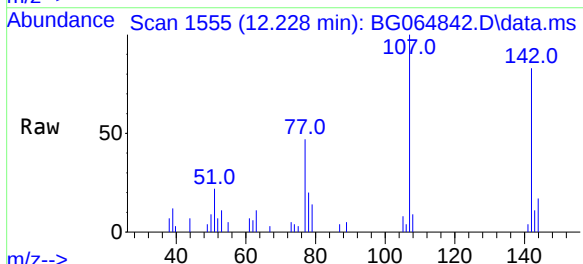
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

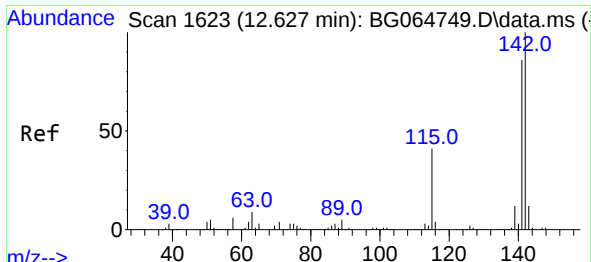
Tgt Ion:113 Resp: 2702
Ion Ratio Lower Upper
113 100
55 209.3 263.7 303.7#
56 127.4 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 3.121 ng
RT: 12.228 min Scan# 1555
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:107 Resp: 11405
Ion Ratio Lower Upper
107 100
144 17.4 21.7 32.5#
142 83.4 60.8 91.2





#37

2-Methylnaphthalene

Concen: 3.255 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064842.D

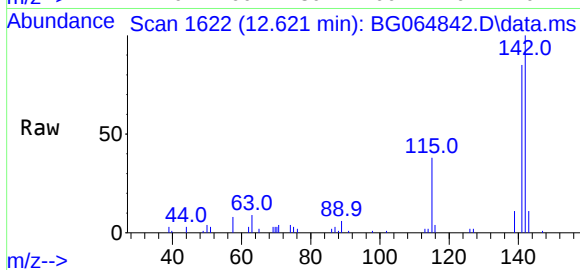
Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025



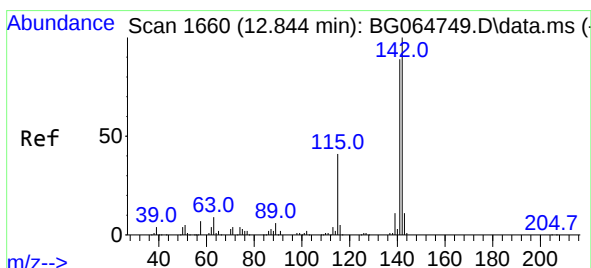
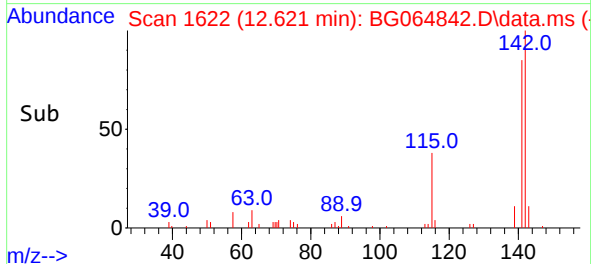
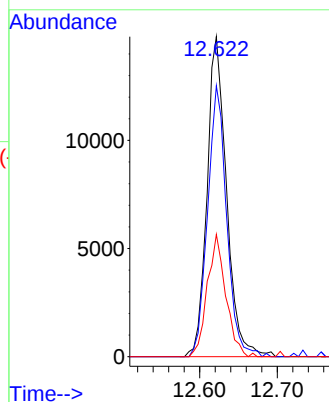
Tgt Ion:142 Resp: 25856

Ion Ratio Lower Upper

142 100

141 84.7 69.1 103.7

115 38.2 32.9 49.3



#38

1-Methylnaphthalene

Concen: 3.503 ng

RT: 12.839 min Scan# 1659

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

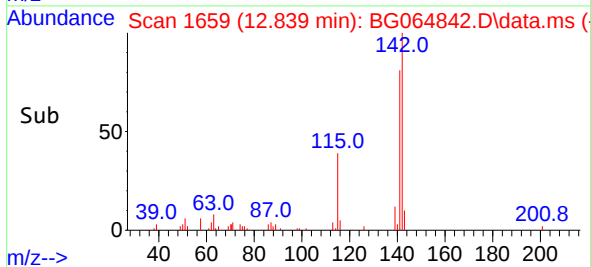
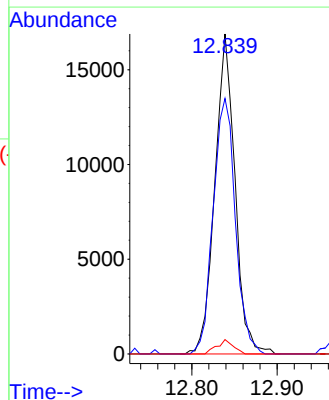
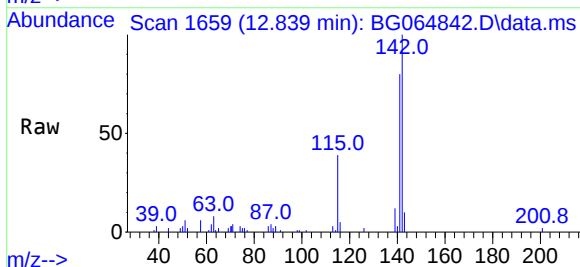
Tgt Ion:142 Resp: 27644

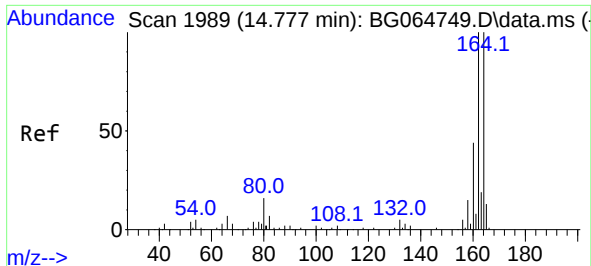
Ion Ratio Lower Upper

142 100

141 79.9 70.8 106.2

116 4.5 3.7 5.5

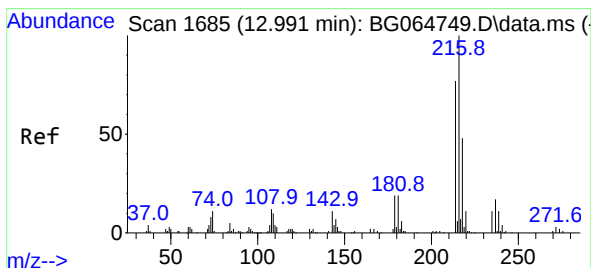
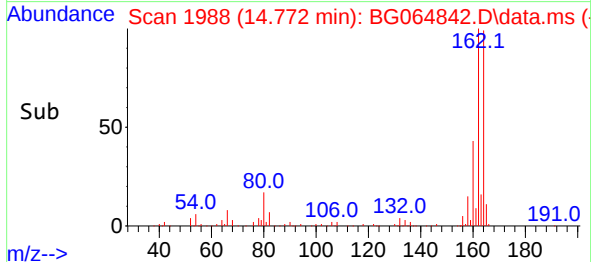
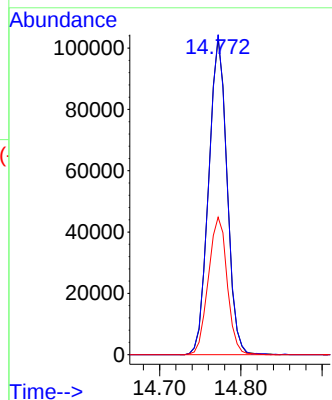
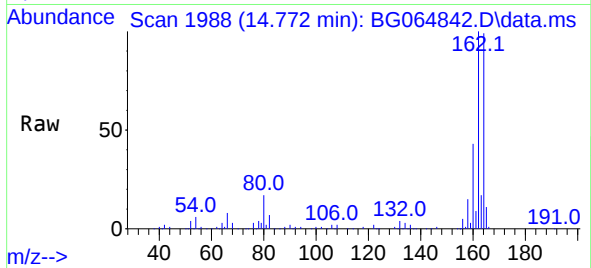




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

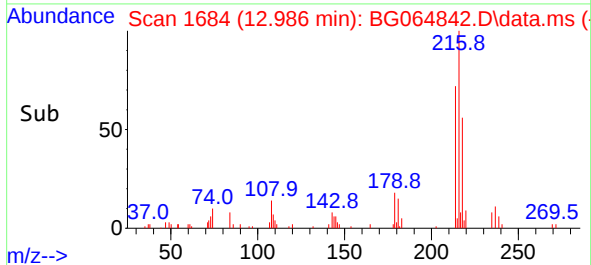
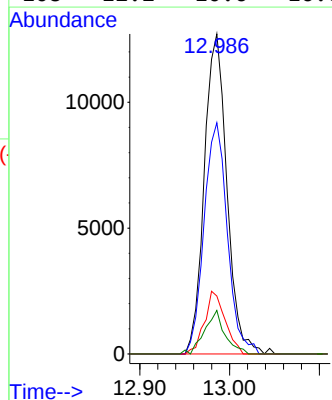
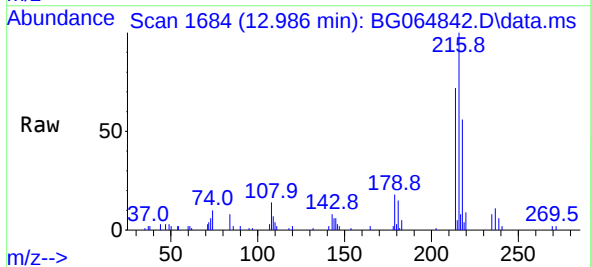
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

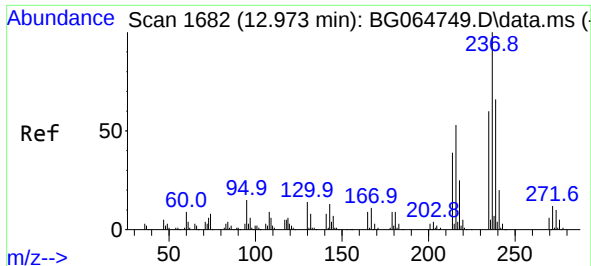
Tgt Ion:164 Resp: 161776
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.6
160 43.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.540 ng
RT: 12.986 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:216 Resp: 22286
Ion Ratio Lower Upper
216 100
214 74.2 60.5 90.7
179 17.8 14.7 22.1
108 12.2 10.6 16.0

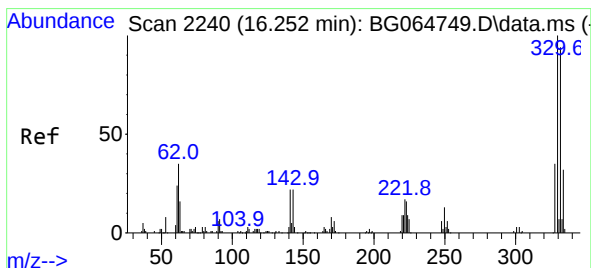
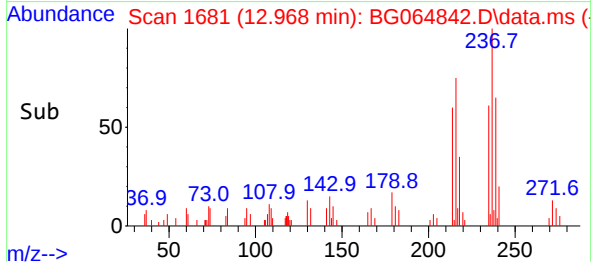
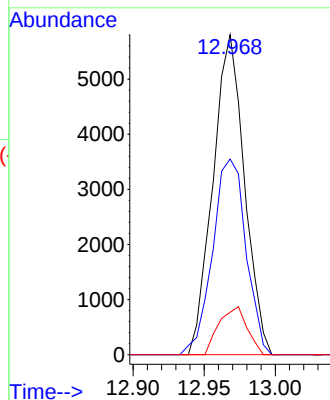
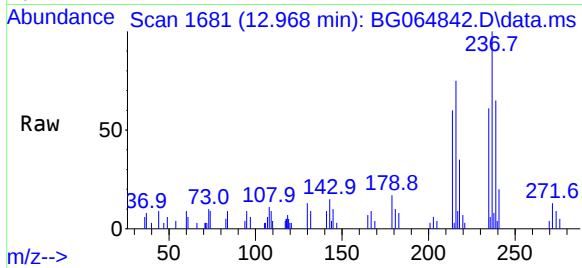




#41
Hexachlorocyclopentadiene
Concen: 1.983 ng
RT: 12.968 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

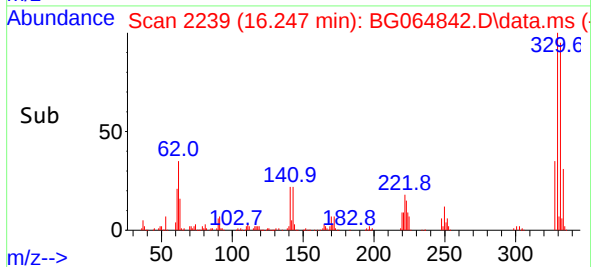
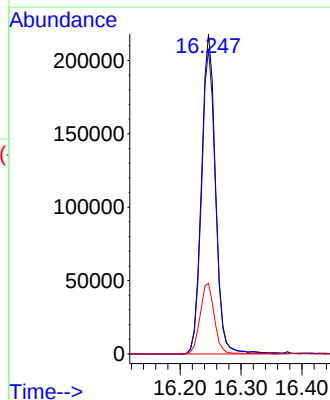
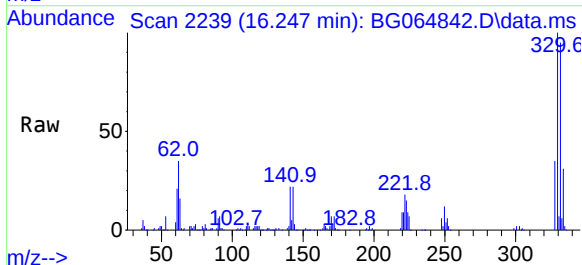
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

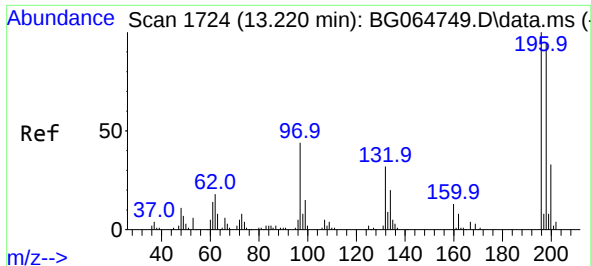
Tgt Ion:	237	Resp:	8947
Ion	Ratio	Lower	Upper
237	100		
235	67.1	40.2	80.2
272	13.3	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 111.016 ng
RT: 16.247 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	330	Resp:	350271
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	22.3	18.2	27.2

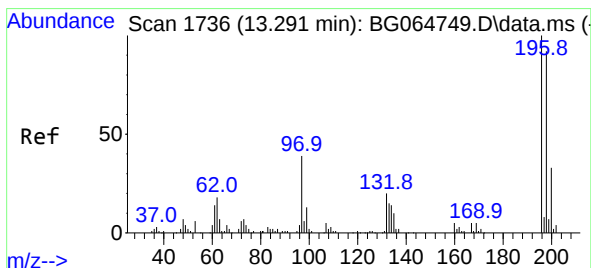
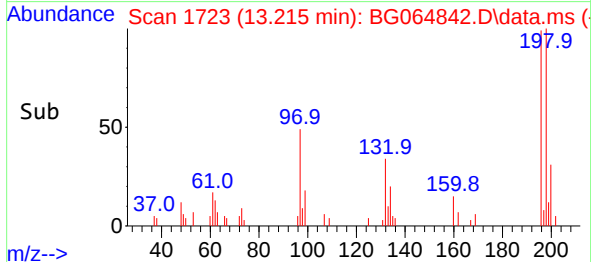
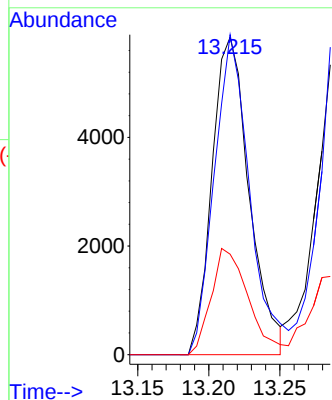
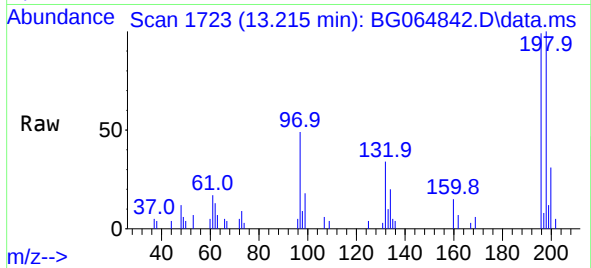




#43
2,4,6-Trichlorophenol
Concen: 2.872 ng
RT: 13.215 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

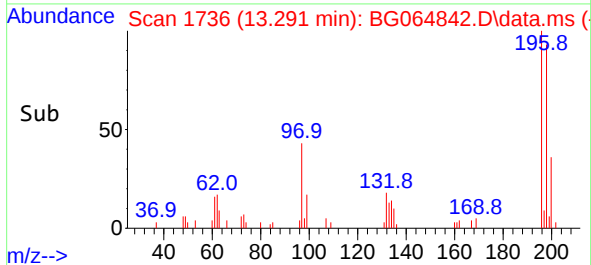
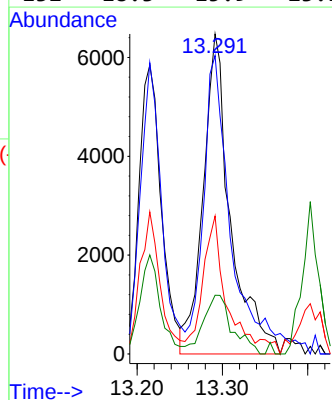
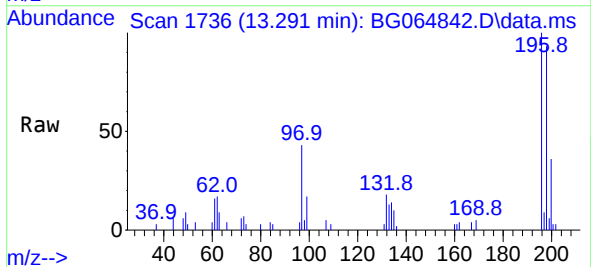
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

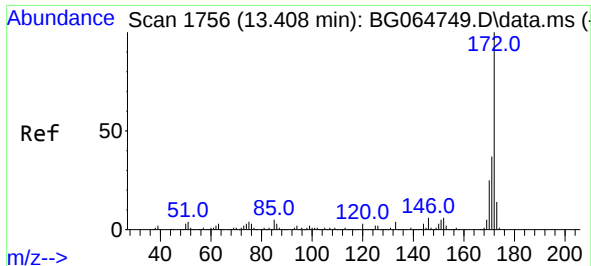
Tgt Ion:196 Resp: 10613
Ion Ratio Lower Upper
196 100
198 100.8 75.3 112.9
200 31.7 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 3.471 ng
RT: 13.291 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:196 Resp: 14386
Ion Ratio Lower Upper
196 100
198 93.3 73.2 109.8
97 43.1 31.4 47.0
132 18.3 15.9 23.9

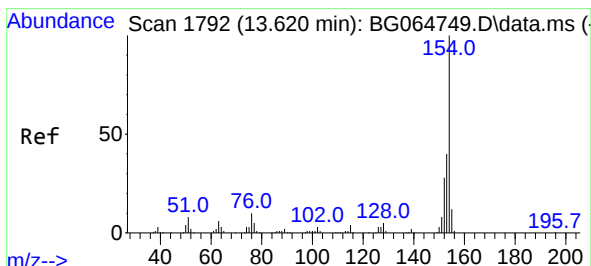
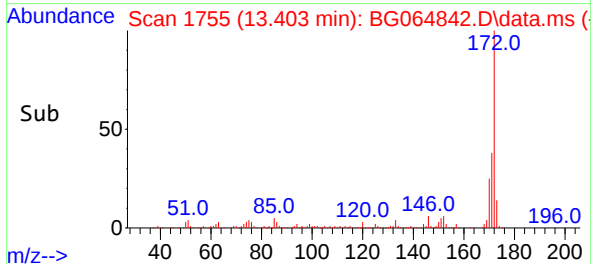
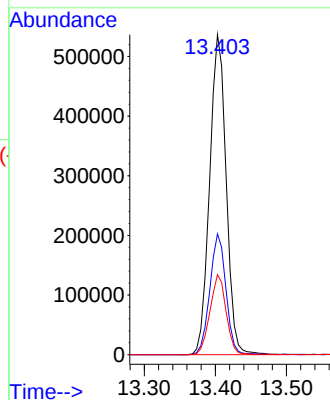
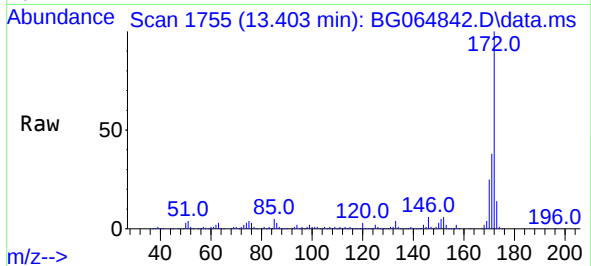




#45
2-Fluorobiphenyl
Concen: 74.889 ng
RT: 13.403 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

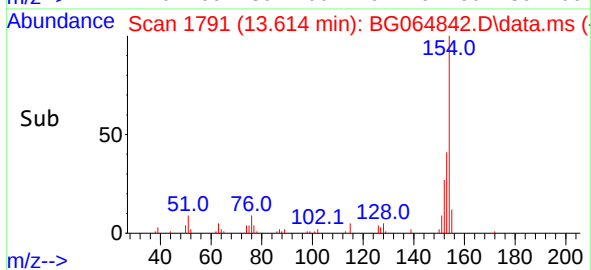
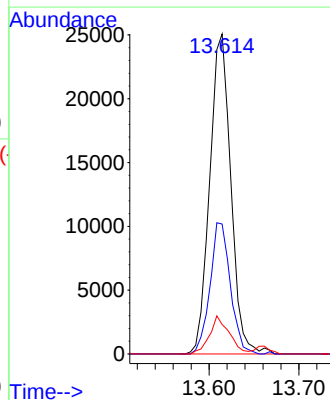
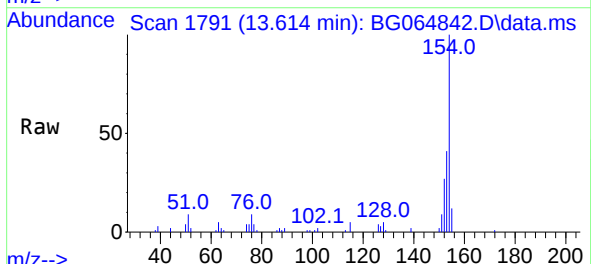
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

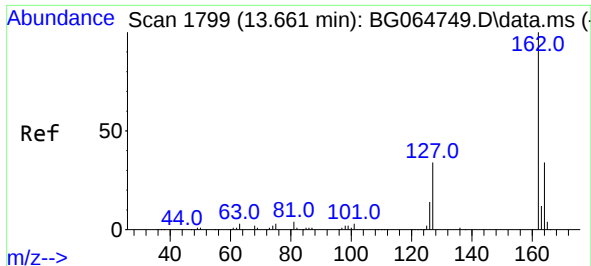
Tgt Ion:172 Resp: 868263
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 25.0 19.8 29.6



#46
1,1'-Biphenyl
Concen: 3.525 ng
RT: 13.614 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:154 Resp: 40962
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 9.2 0.0 30.0





#47

2-Chloronaphthalene

Concen: 3.493 ng

RT: 13.656 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025

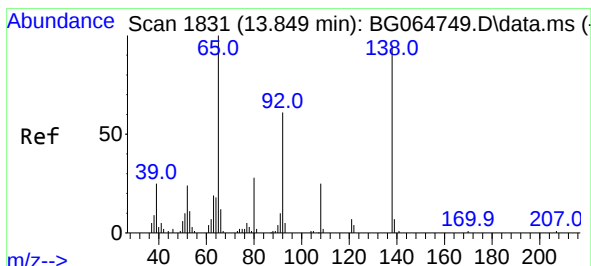
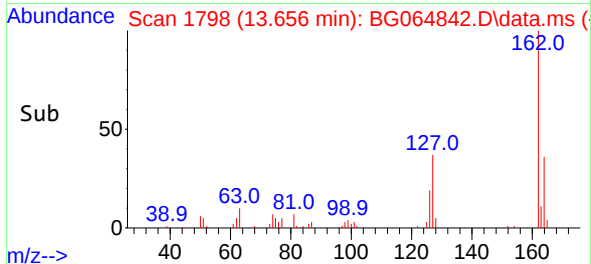
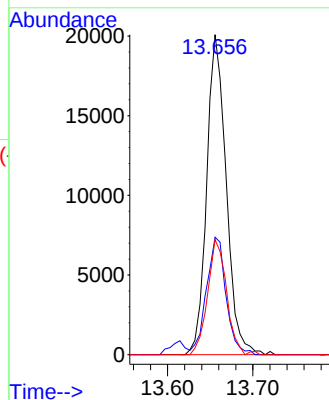
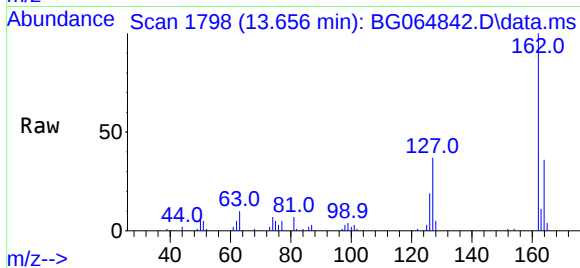
Tgt Ion:162 Resp: 31979

Ion Ratio Lower Upper

162 100

127 36.7 30.3 45.5

164 36.0 26.8 40.2



#48

2-Nitroaniline

Concen: 2.930 ng

RT: 13.844 min Scan# 1830

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

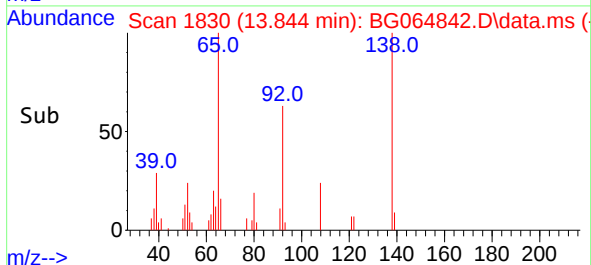
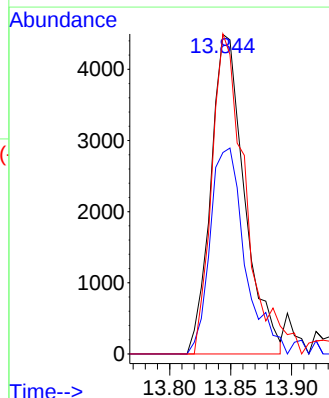
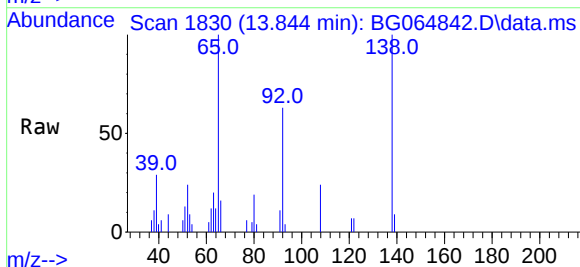
Tgt Ion: 65 Resp: 8628

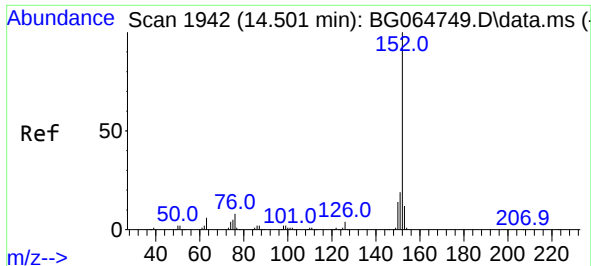
Ion Ratio Lower Upper

65 100

92 63.1 48.6 73.0

138 100.2 76.4 114.6

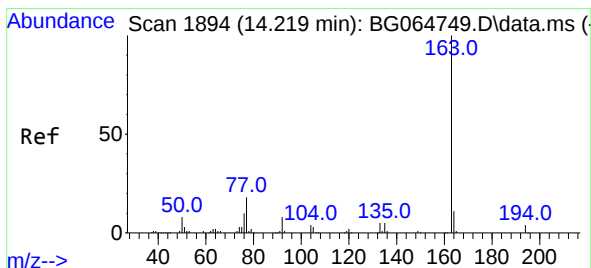
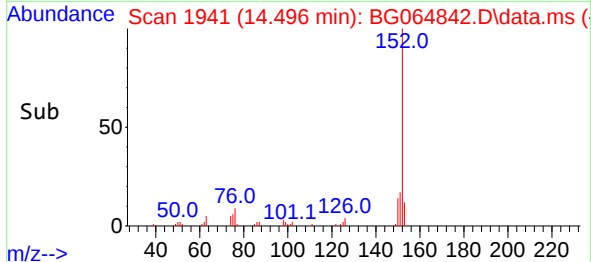
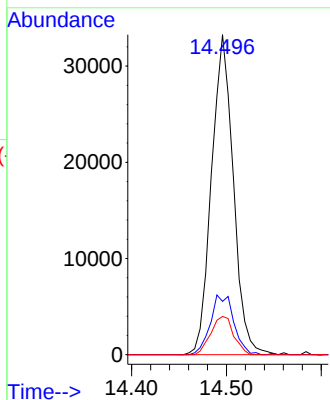
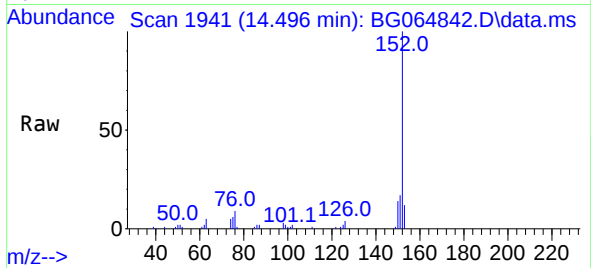




#49
Acenaphthylene
Concen: 3.398 ng
RT: 14.496 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

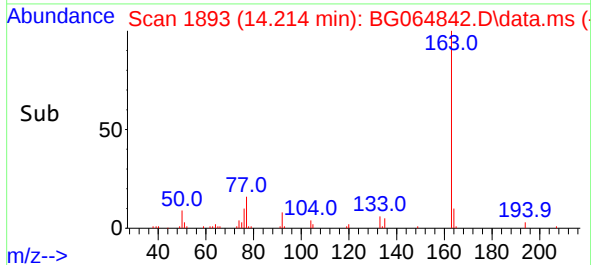
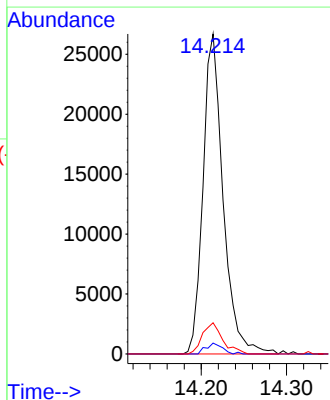
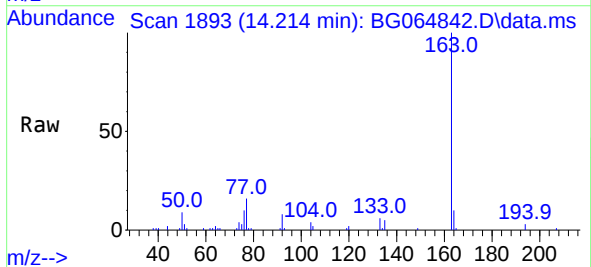
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

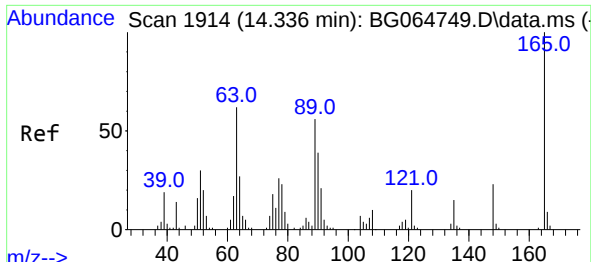
Tgt Ion:	152	Resp:	53134
Ion Ratio	Lower	Upper	
152	100		
151	16.7	15.0	22.4
153	12.0	9.9	14.9



#50
Dimethylphthalate
Concen: 3.420 ng
RT: 14.214 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	163	Resp:	43702
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.1	4.7
164	9.7	8.6	12.8



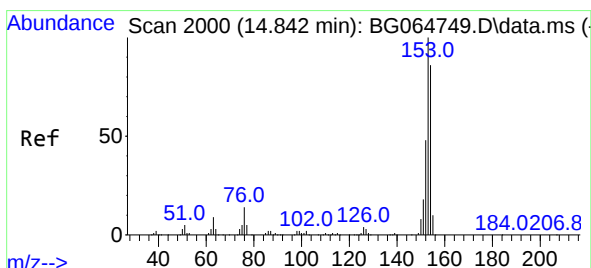
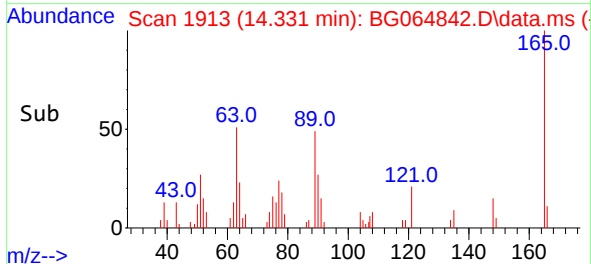
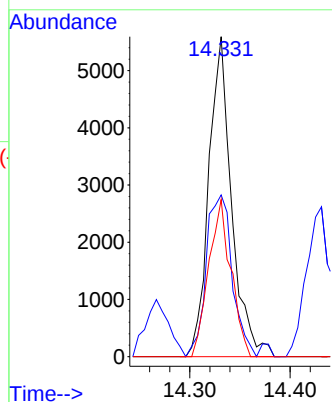
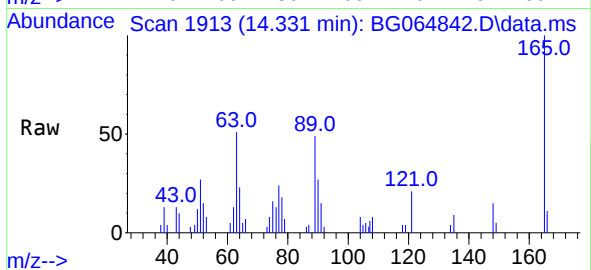


#51
2,6-Dinitrotoluene
Concen: 3.590 ng
RT: 14.331 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:165 Resp: 8829

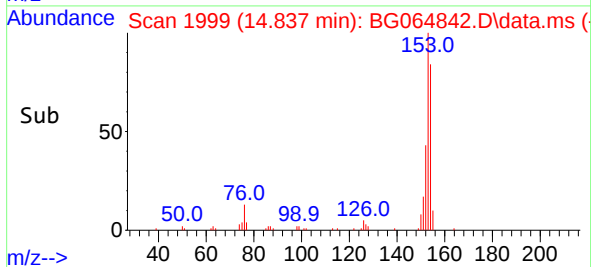
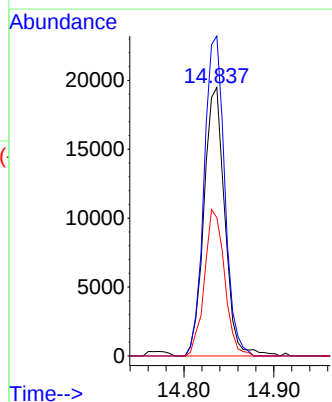
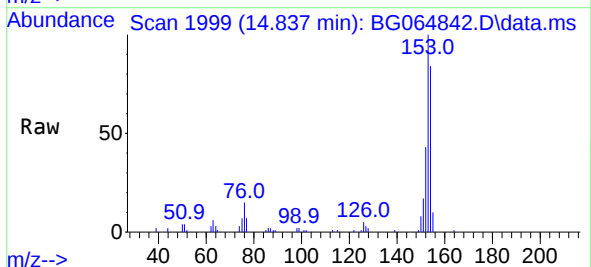
Ion	Ratio	Lower	Upper
165	100		
63	50.5	49.8	74.8
89	49.1	45.0	67.4

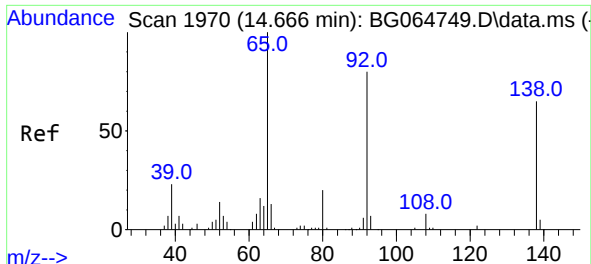


#52
Acenaphthene
Concen: 3.345 ng
RT: 14.837 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:154 Resp: 31369

Ion	Ratio	Lower	Upper
154	100		
153	119.2	93.0	139.4
152	51.5	44.4	66.6

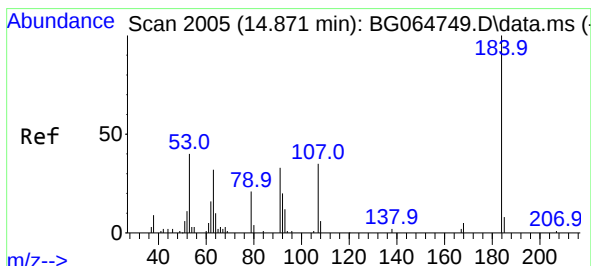
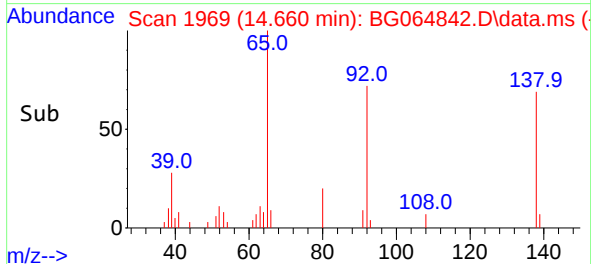
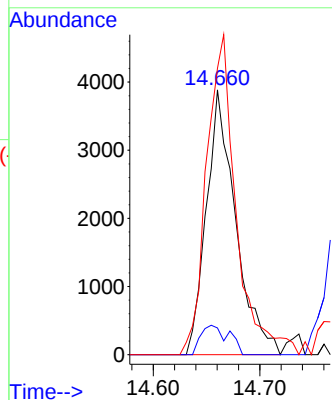
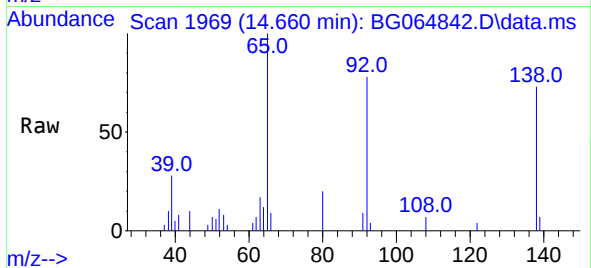




#53
3-Nitroaniline
Concen: 3.064 ng
RT: 14.660 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

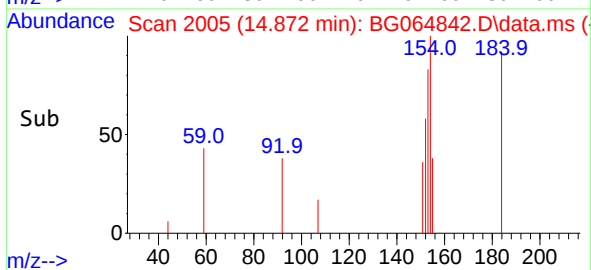
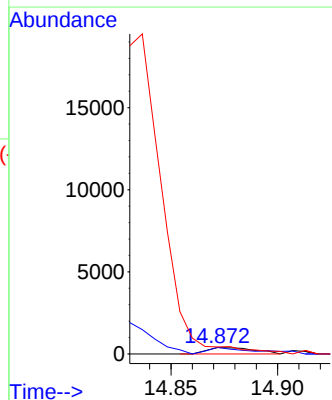
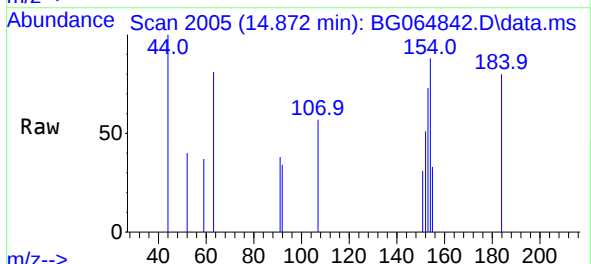
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2025

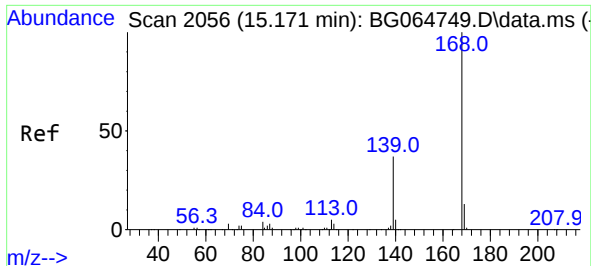
Tgt Ion:	138	Resp:	7436
Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.5	14.3
92	108.2	99.0	148.4



#54
2,4-Dinitrophenol
Concen: 8.898 ng
RT: 14.872 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:	184	Resp:	592
Ion	Ratio	Lower	Upper
184	100		
63	101.0	45.8	68.6#
154	109.2	52.6	78.8#

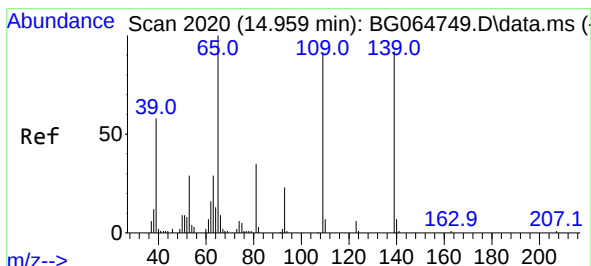
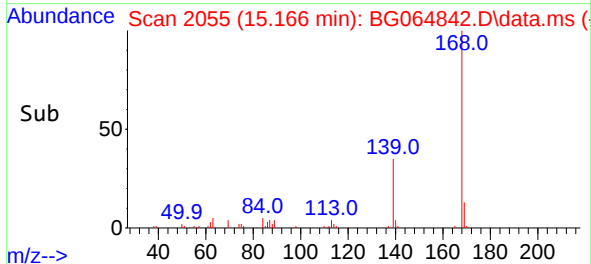
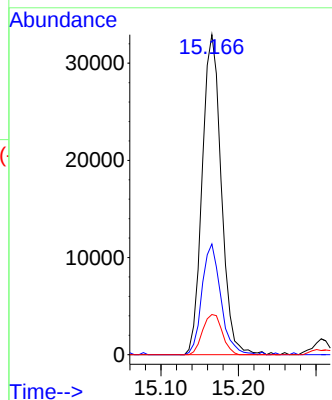
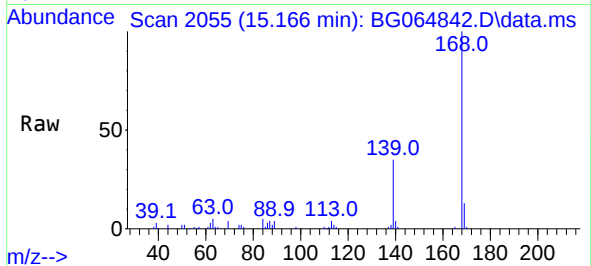




#55
Dibenzofuran
Concen: 3.628 ng
RT: 15.166 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

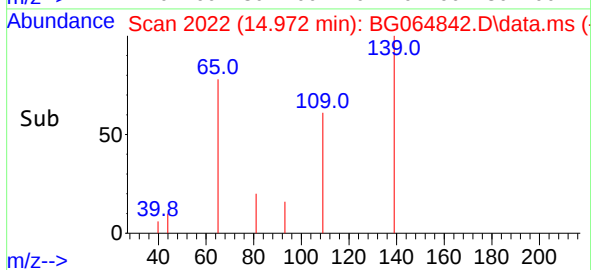
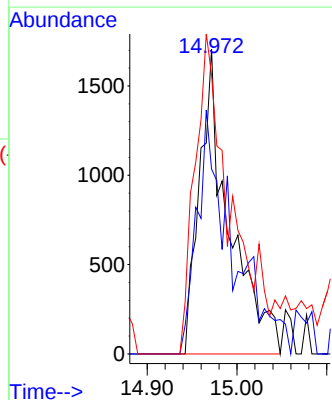
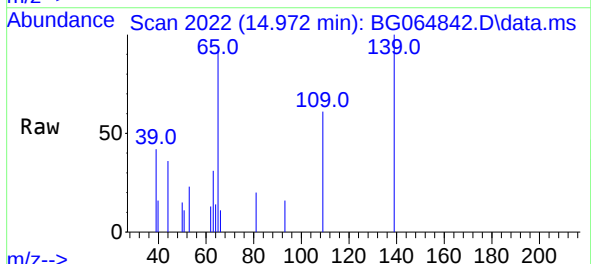
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2025

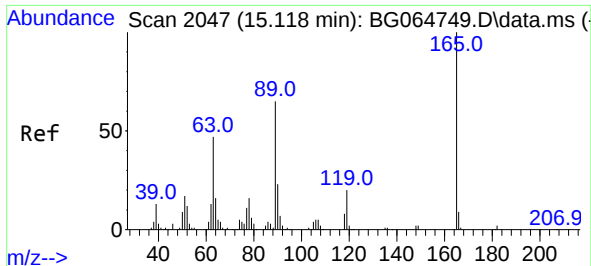
Tgt Ion:168 Resp: 56239
Ion Ratio Lower Upper
168 100
139 34.6 29.5 44.3
169 12.5 10.4 15.6



#56
4-Nitrophenol
Concen: 2.032 ng
RT: 14.972 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:139 Resp: 3912
Ion Ratio Lower Upper
139 100
109 60.6 79.7 119.7#
65 91.6 89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 3.218 ng

RT: 15.113 min Scan# 2047

Delta R.T. -0.005 min

Lab File: BG064842.D

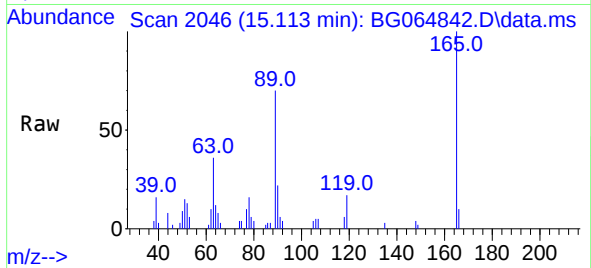
Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:165 Resp: 11862

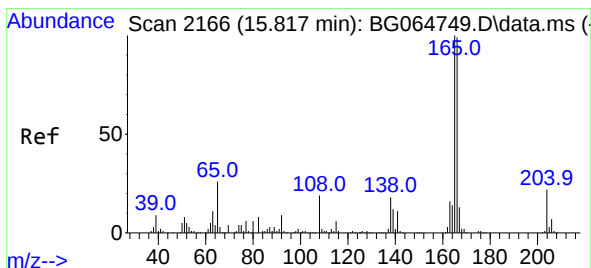
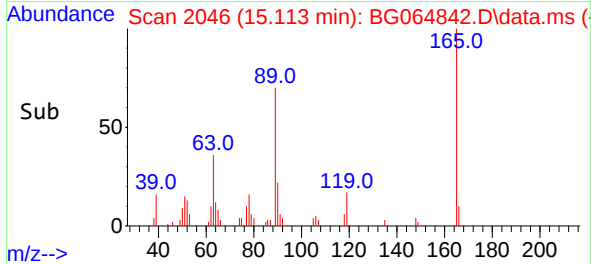
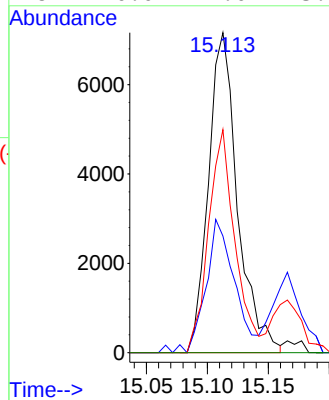
Ion Ratio Lower Upper

165 100

63 36.4 37.8 56.6#

89 69.7 51.6 77.4

182 0.0 2.0 3.0#



#58

Fluorene

Concen: 3.496 ng

RT: 15.806 min Scan# 2164

Delta R.T. -0.011 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

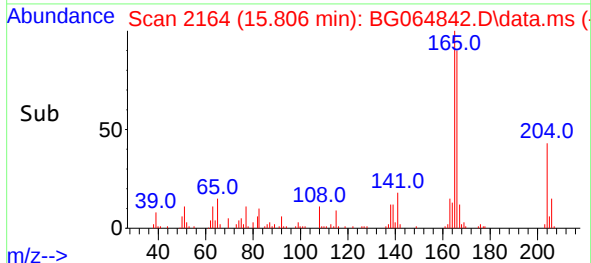
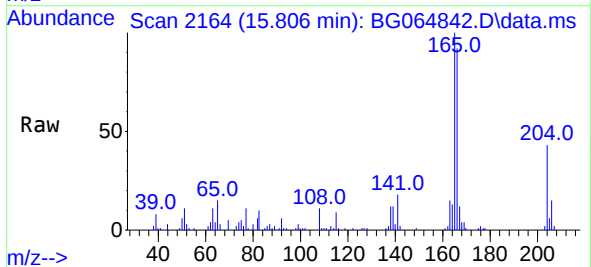
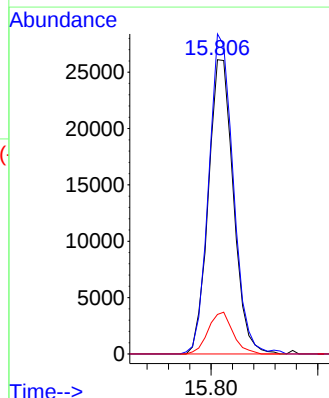
Tgt Ion:166 Resp: 42504

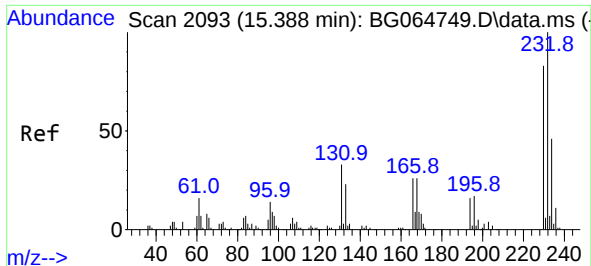
Ion Ratio Lower Upper

166 100

165 108.7 80.5 120.7

167 13.5 10.3 15.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.705 ng

RT: 15.389 min Scan# 2093

Delta R.T. 0.001 min

Lab File: BG064842.D

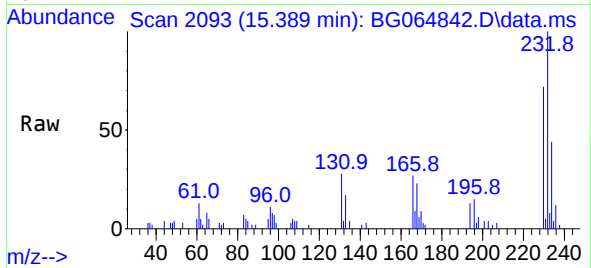
Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:232 Resp: 15148

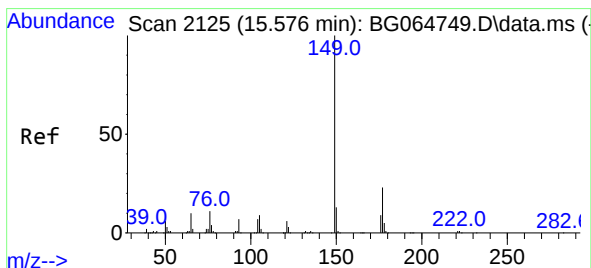
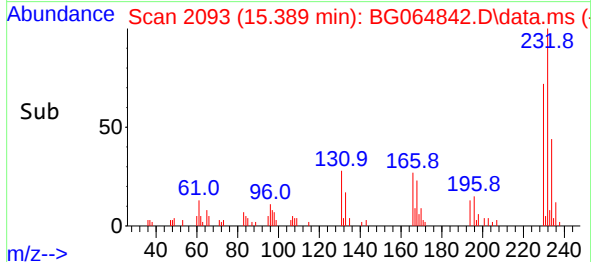
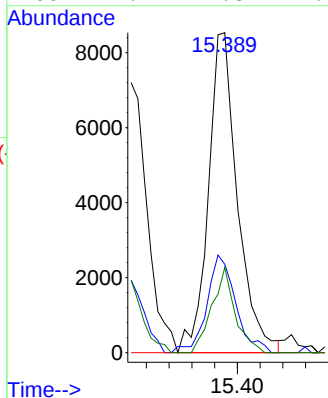
Ion Ratio Lower Upper

232 100

131 30.2 26.0 39.0

130 0.0 1.6 2.4#

166 21.4 19.8 29.6



#60

Diethylphthalate

Concen: 3.531 ng

RT: 15.565 min Scan# 2123

Delta R.T. -0.011 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

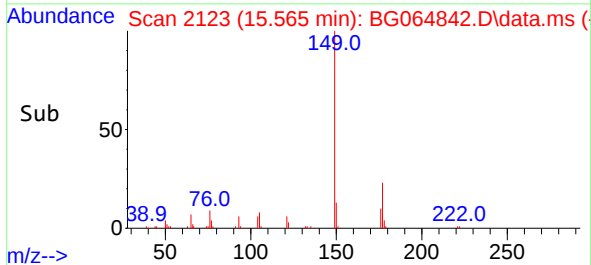
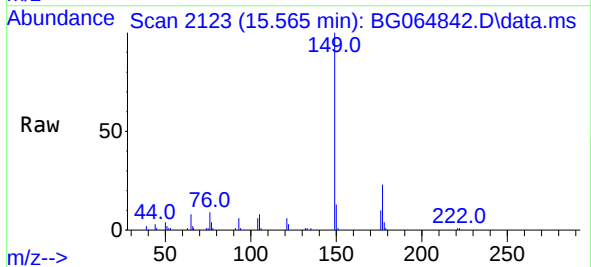
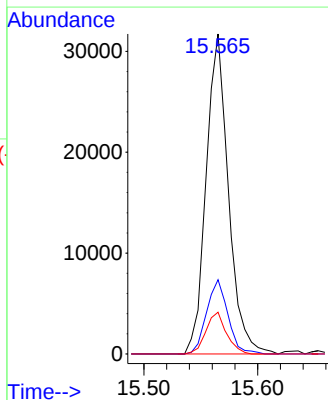
Tgt Ion:149 Resp: 43226

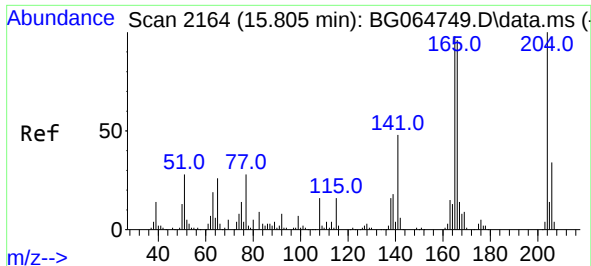
Ion Ratio Lower Upper

149 100

177 23.2 18.4 27.6

150 13.0 10.1 15.1

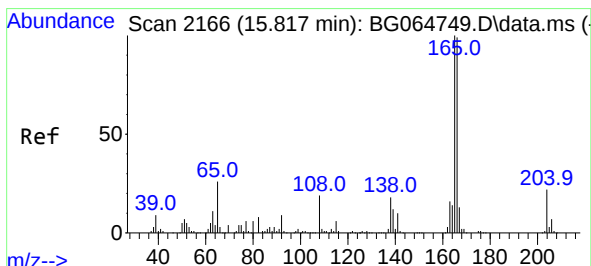
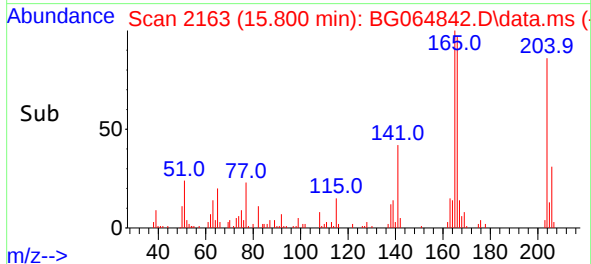
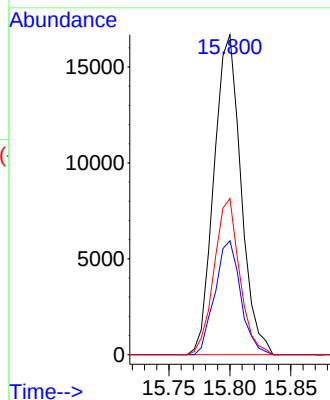
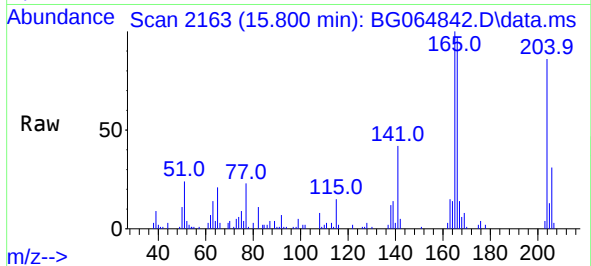




#61
4-Chlorophenyl-phenylether
Concen: 3.521 ng
RT: 15.800 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

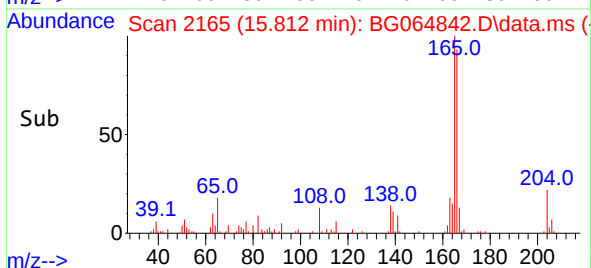
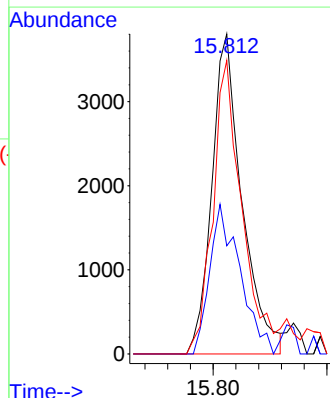
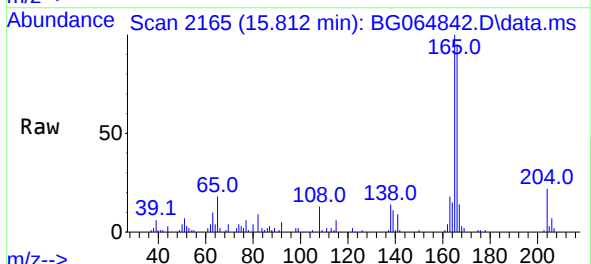
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

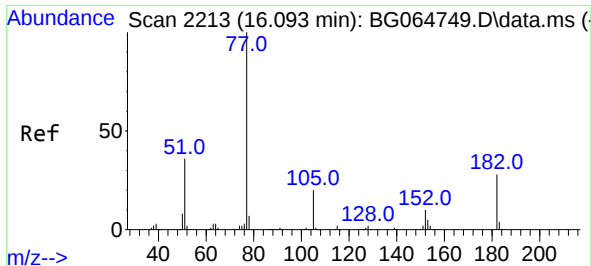
Tgt Ion:204 Resp: 25694
Ion Ratio Lower Upper
204 100
206 35.6 26.9 40.3
141 48.8 38.1 57.1



#62
4-Nitroaniline
Concen: 2.789 ng
RT: 15.812 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:138 Resp: 7013
Ion Ratio Lower Upper
138 100
92 33.8 30.7 70.7
108 91.7 85.7 125.7

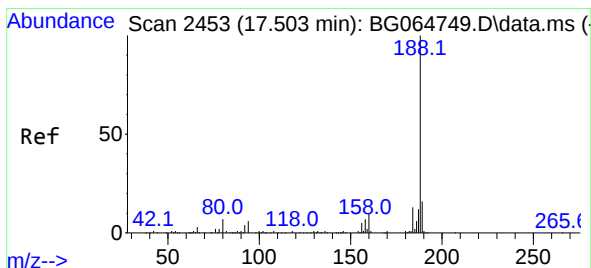
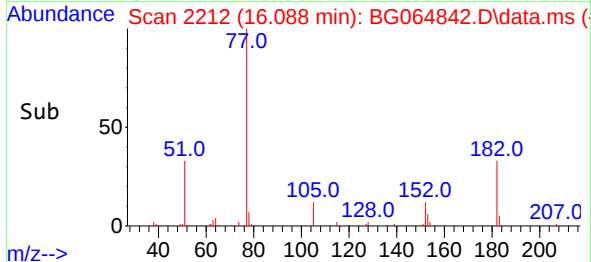
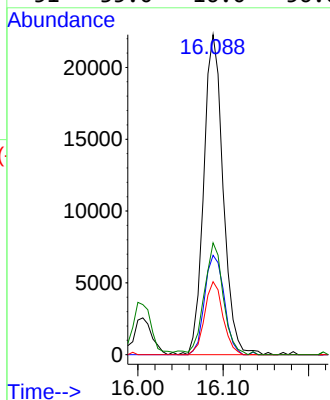
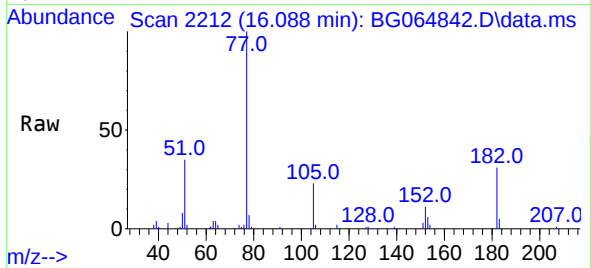




#63
Azobenzene
Concen: 3.452 ng
RT: 16.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

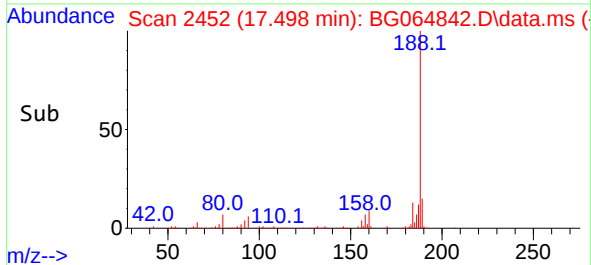
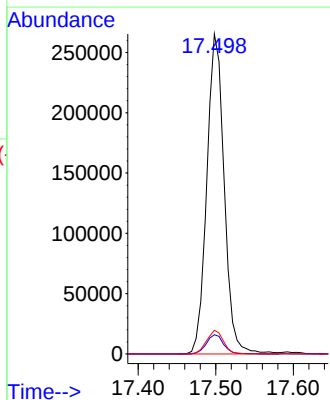
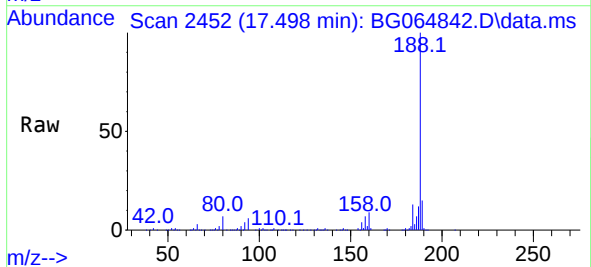
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

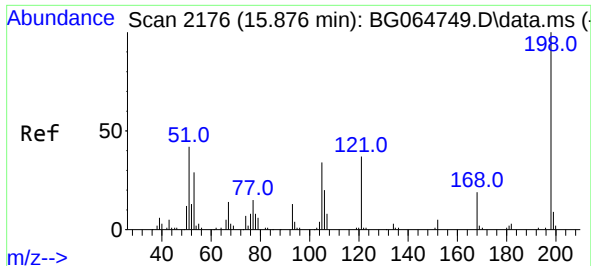
Tgt Ion: 77	Resp: 35147
Ion Ratio	Lower Upper
77 100	
182 31.1	8.1 48.1
105 22.8	0.1 40.1
51 35.0	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion: 188	Resp: 413388
Ion Ratio	Lower Upper
188 100	
94 6.0	4.7 7.1
80 7.4	5.4 8.2

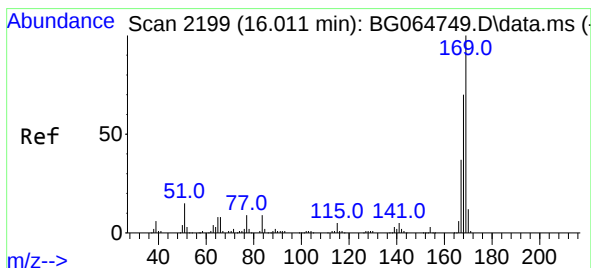
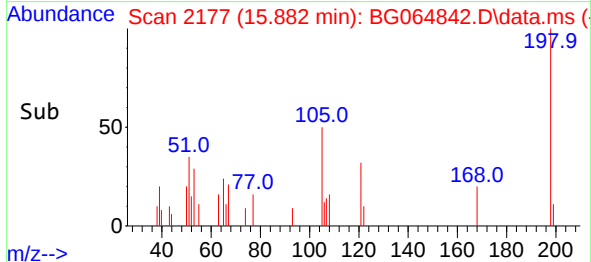
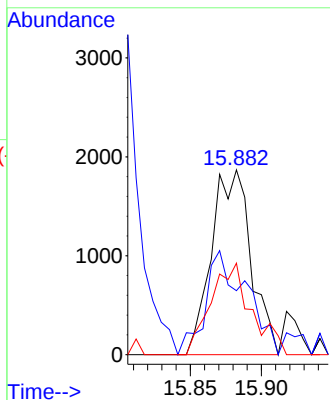
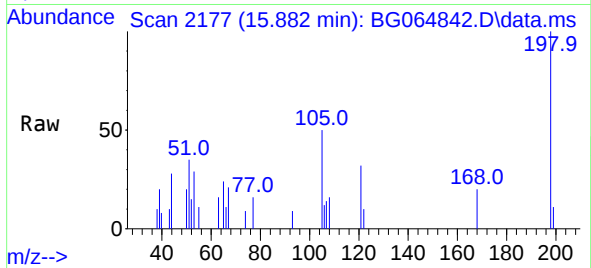




#65
4,6-Dinitro-2-methylphenol
Concen: 1.574 ng
RT: 15.882 min Scan# 2177
Delta R.T. 0.007 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

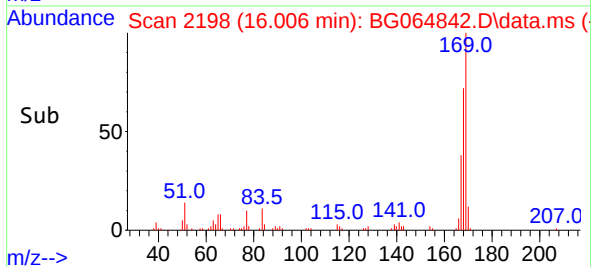
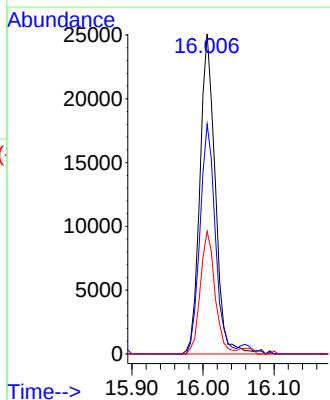
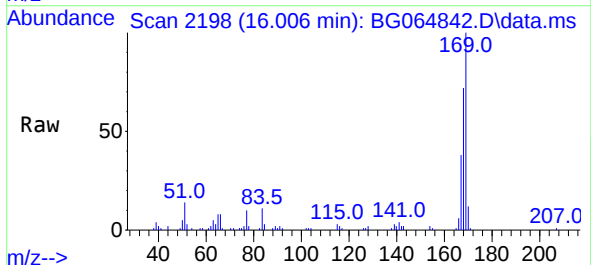
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

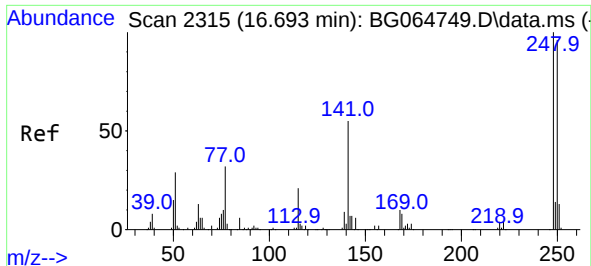
Tgt Ion:198 Resp: 3612
Ion Ratio Lower Upper
198 100
51 34.6 25.2 65.2
105 49.5 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 3.489 ng
RT: 16.006 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:169 Resp: 37782
Ion Ratio Lower Upper
169 100
168 71.8 55.9 83.9
167 38.4 29.8 44.6





#67

4-Bromophenyl-phenylether

Concen: 3.542 ng

RT: 16.687 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2025

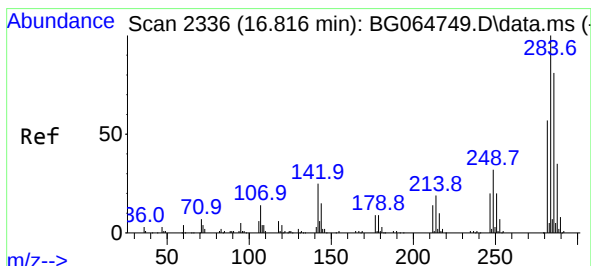
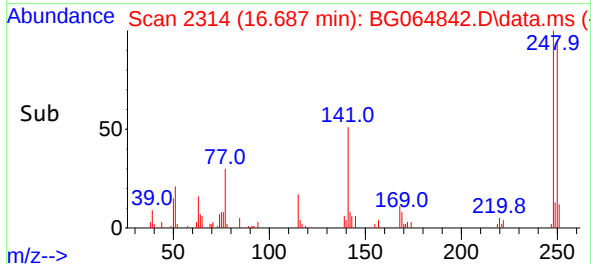
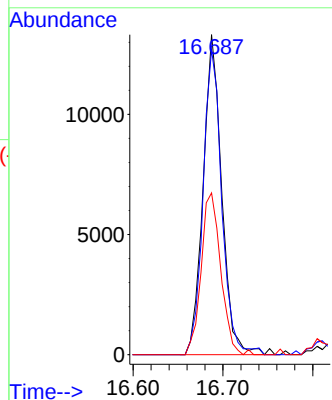
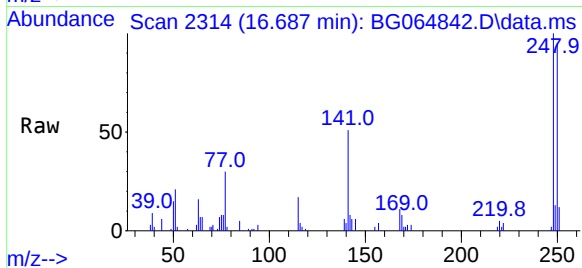
Tgt Ion:248 Resp: 19226

Ion Ratio Lower Upper

248 100

250 95.3 77.0 115.6

141 50.6 43.7 65.5



#68

Hexachlorobenzene

Concen: 3.610 ng

RT: 16.811 min Scan# 2335

Delta R.T. -0.005 min

Lab File: BG064842.D

Acq: 21 Nov 2025 13:01

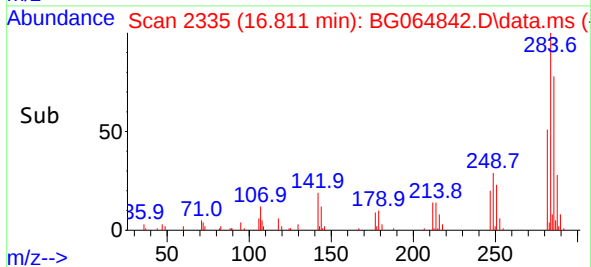
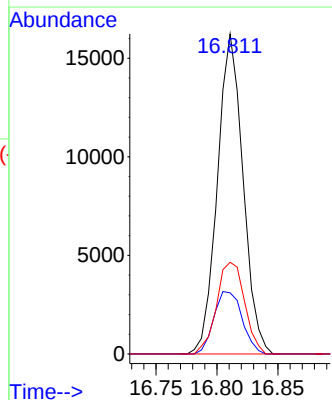
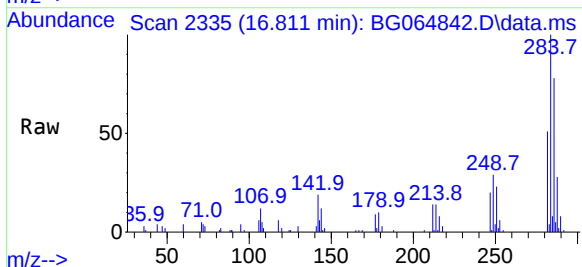
Tgt Ion:284 Resp: 23744

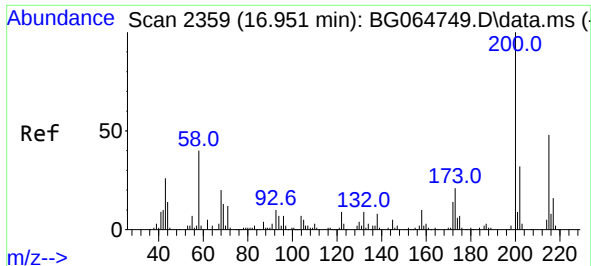
Ion Ratio Lower Upper

284 100

142 19.1 19.7 29.5#

249 28.7 28.1 42.1

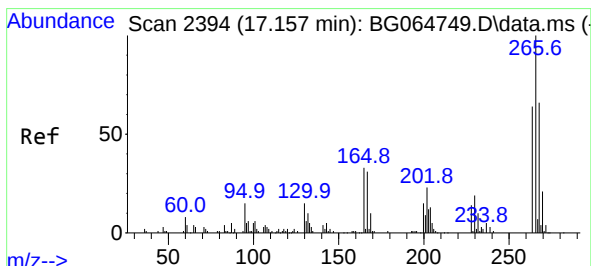
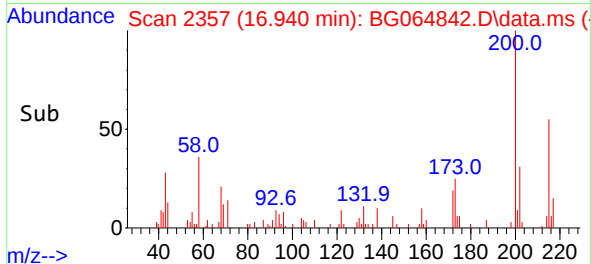
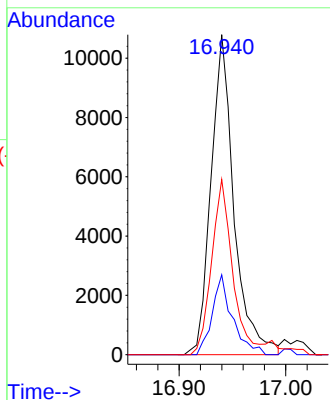
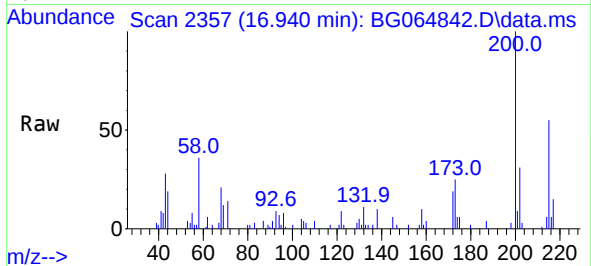




#69
Atrazine
Concen: 3.083 ng
RT: 16.940 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

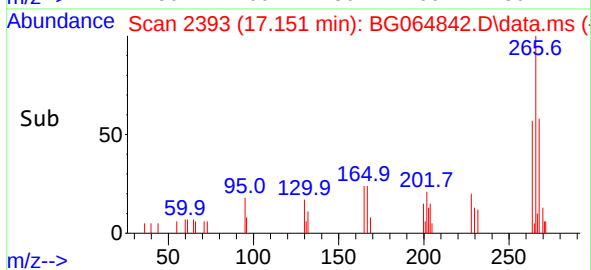
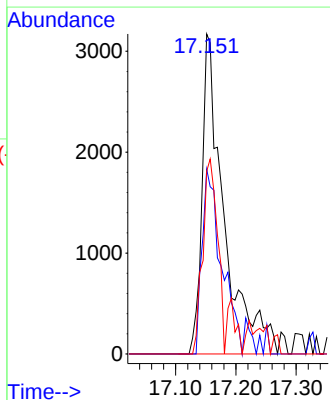
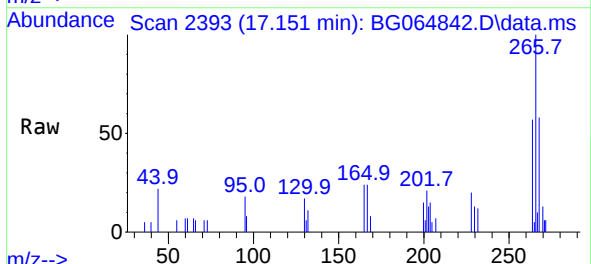
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

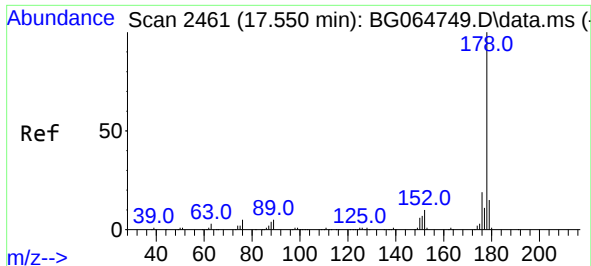
Tgt Ion:200 Resp: 16093
Ion Ratio Lower Upper
200 100
173 24.9 0.9 40.9
215 54.8 27.5 67.5



#70
Pentachlorophenol
Concen: 8.058 ng m
RT: 17.151 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:266 Resp: 8076
Ion Ratio Lower Upper
266 100
268 57.8 56.1 84.1
264 57.1 51.2 76.8

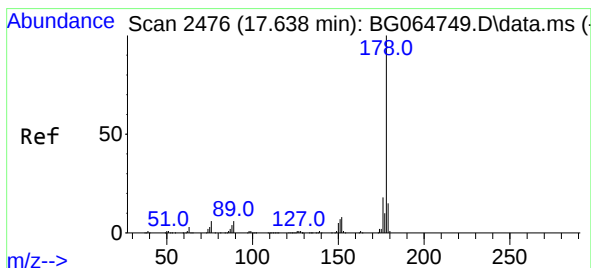
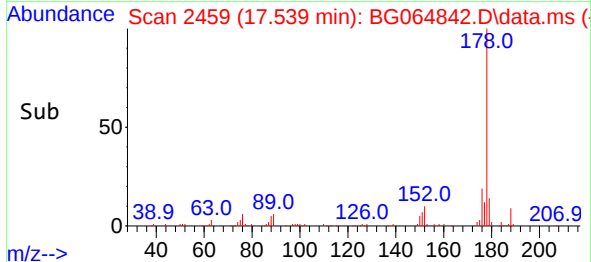
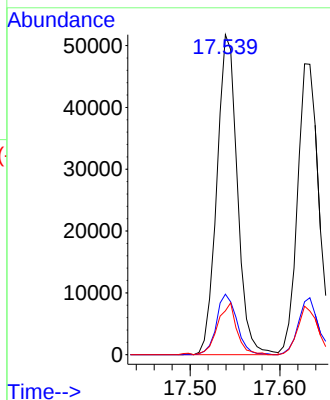
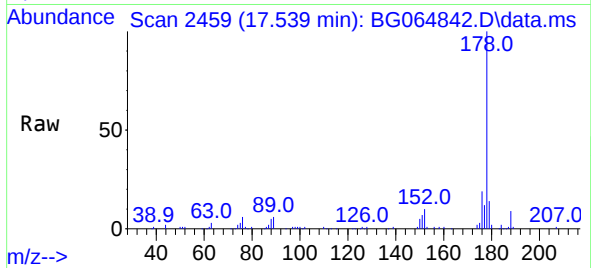




#71
Phenanthrene
Concen: 3.624 ng
RT: 17.539 min Scan# 2459
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

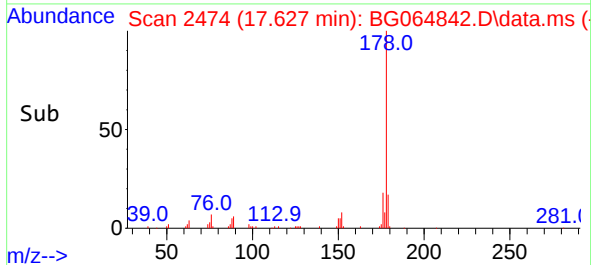
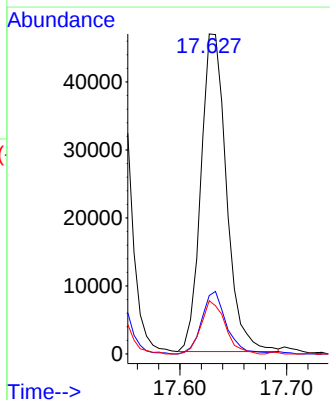
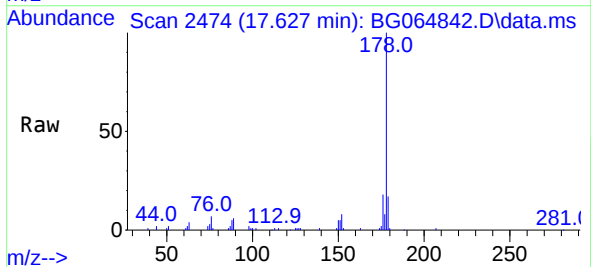
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

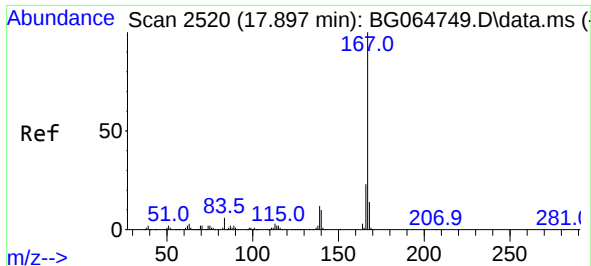
Tgt Ion:178 Resp: 81967
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 13.7 12.2 18.4



#72
Anthracene
Concen: 3.378 ng
RT: 17.627 min Scan# 2474
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:178 Resp: 77906
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 16.6 12.2 18.4

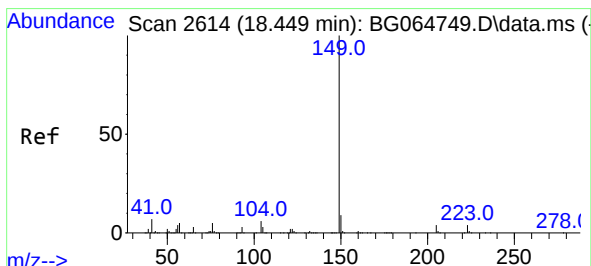
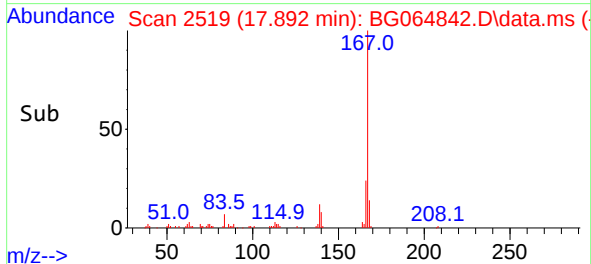
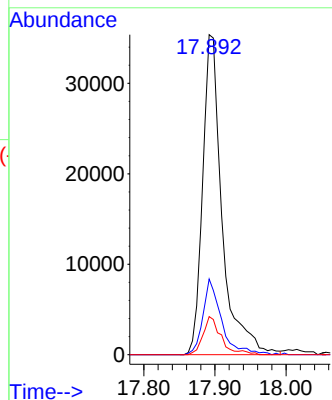
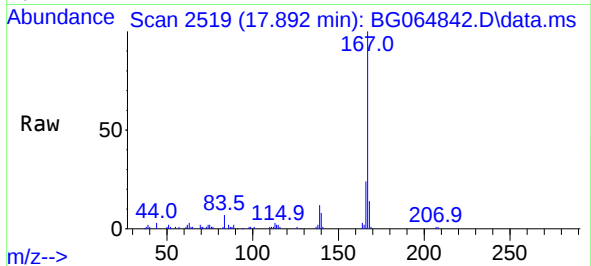




#73
Carbazole
Concen: 3.412 ng
RT: 17.892 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

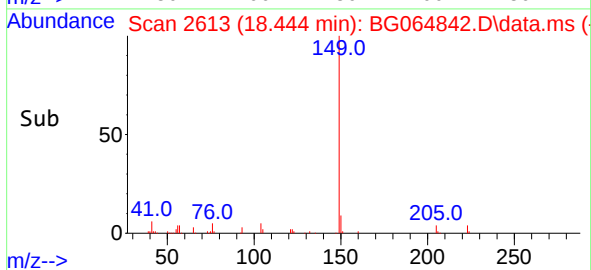
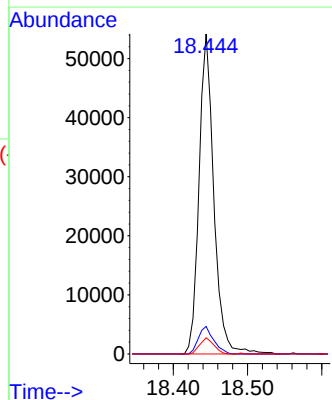
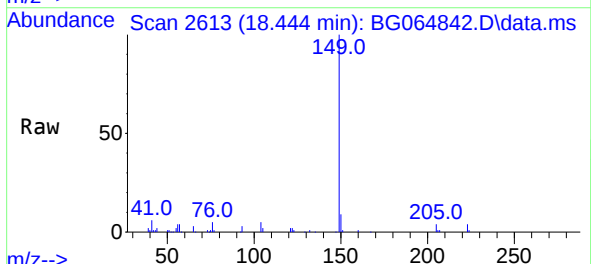
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

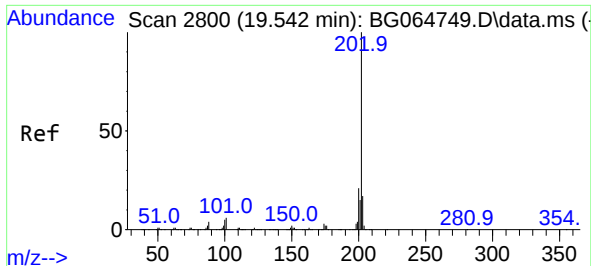
Tgt Ion:167 Resp: 67656
Ion Ratio Lower Upper
167 100
166 23.6 18.0 27.0
139 11.9 9.7 14.5



#74
Di-n-butylphthalate
Concen: 3.394 ng
RT: 18.444 min Scan# 2613
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:149 Resp: 75067
Ion Ratio Lower Upper
149 100
150 8.6 7.5 11.3
104 5.0 4.4 6.6

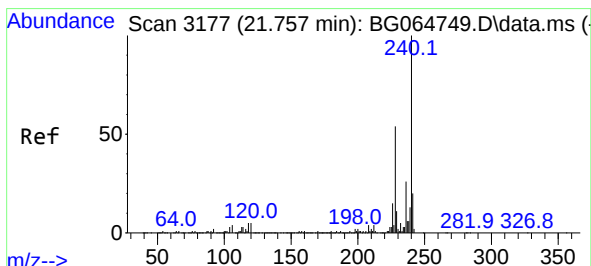
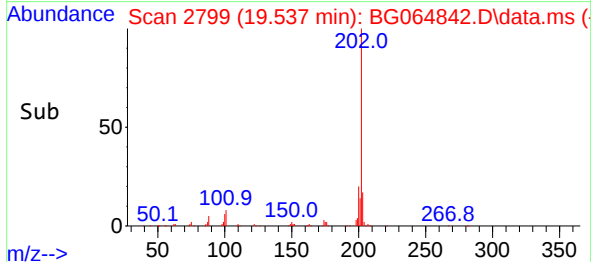
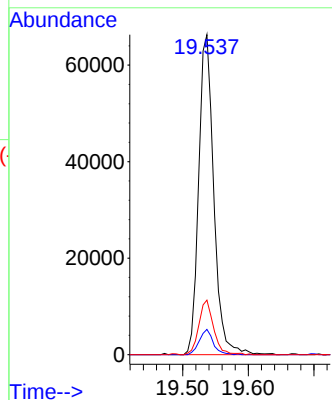
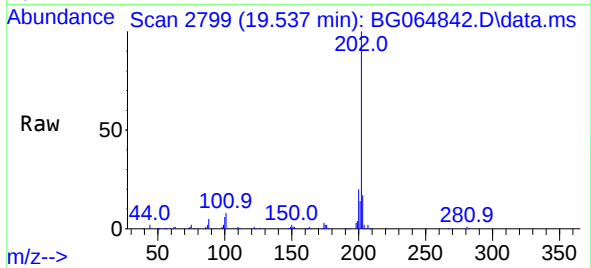




#75
Fluoranthene
Concen: 3.440 ng
RT: 19.537 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

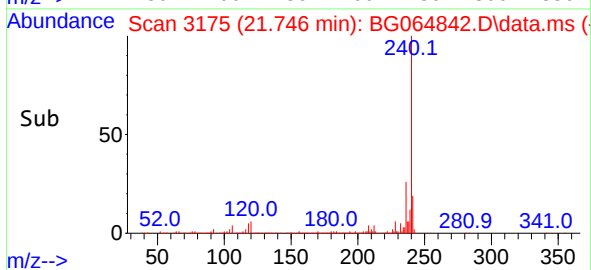
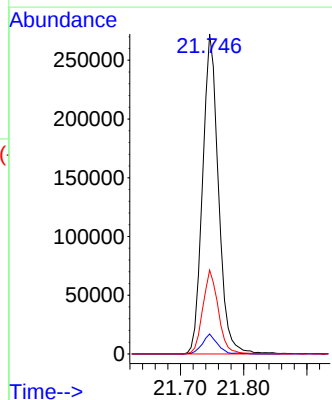
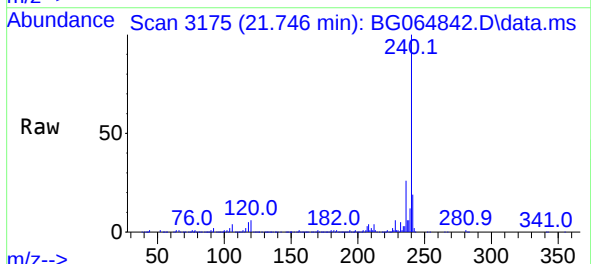
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

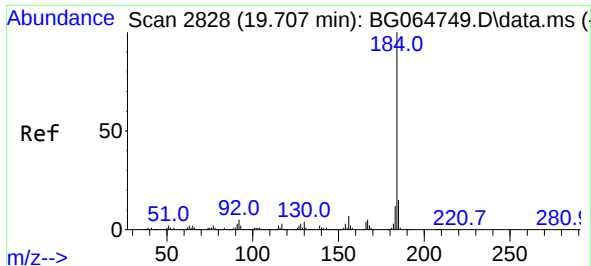
Tgt Ion:202 Resp: 106400
Ion Ratio Lower Upper
202 100
101 7.9 0.0 26.4
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:240 Resp: 474711
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 26.2 20.8 31.2

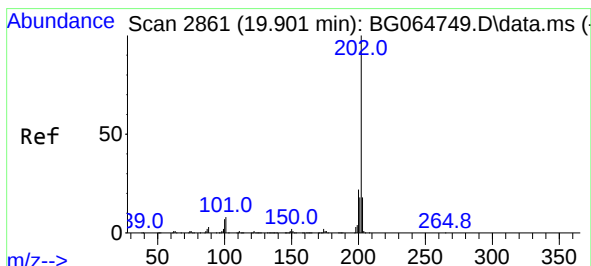
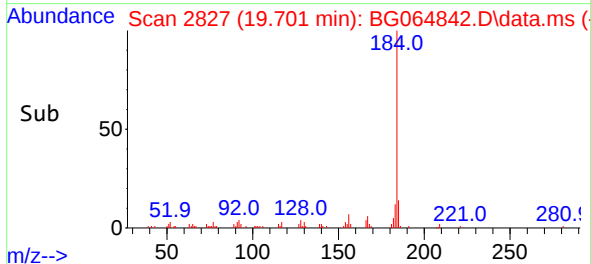
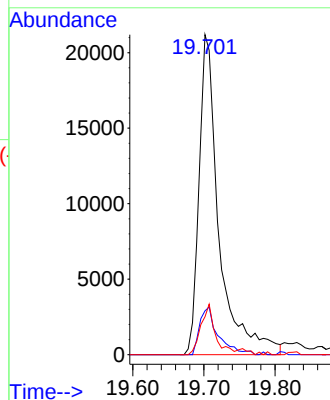
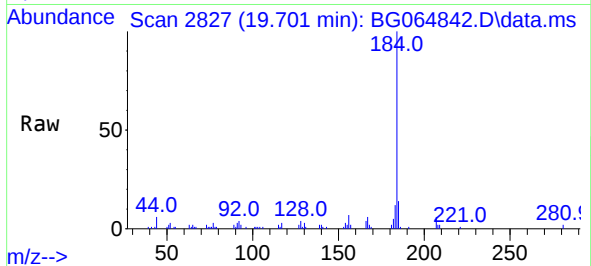




#77
Benzidine
Concen: 2.921 ng
RT: 19.701 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

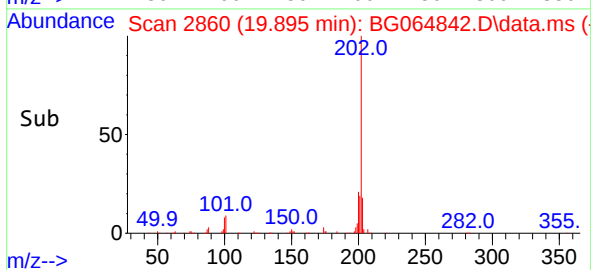
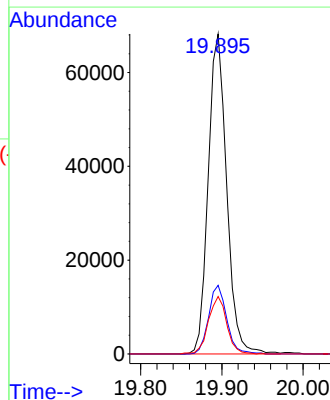
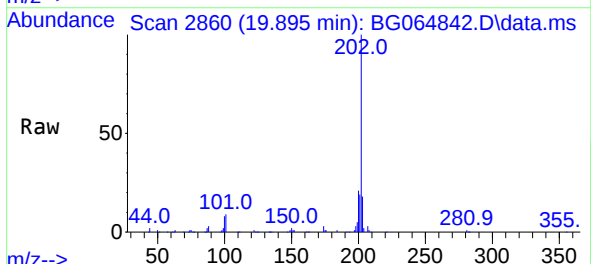
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

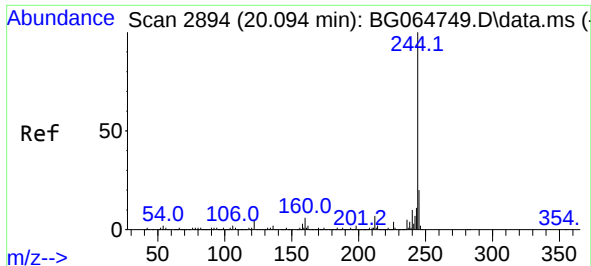
Tgt Ion:184 Resp: 41526
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 11.8 9.8 14.6



#78
Pyrene
Concen: 4.040 ng
RT: 19.895 min Scan# 2860
Delta R.T. -0.005 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:202 Resp: 107494
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 17.9 14.0 21.0

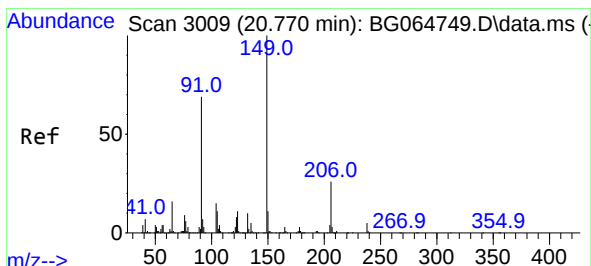
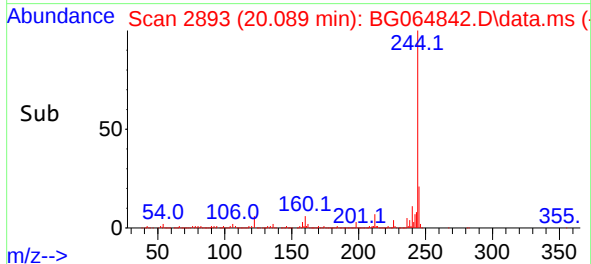
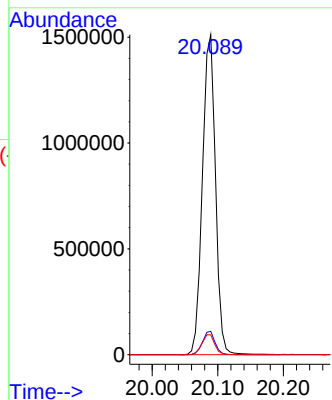
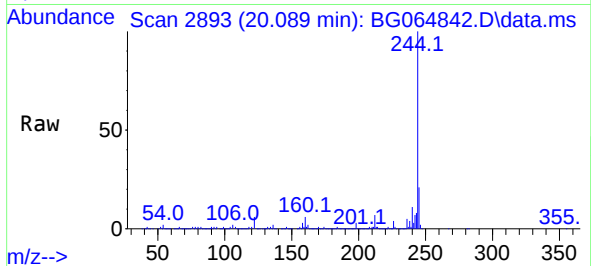




#79
 Terphenyl-d14
 Concen: 86.958 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064842.D
 Acq: 21 Nov 2025 13:01

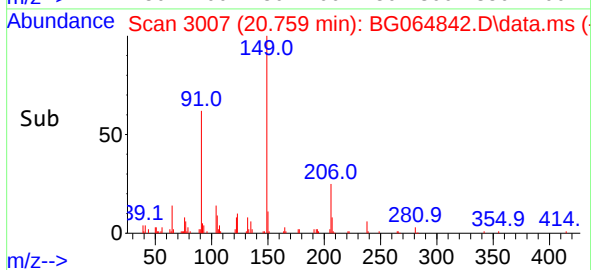
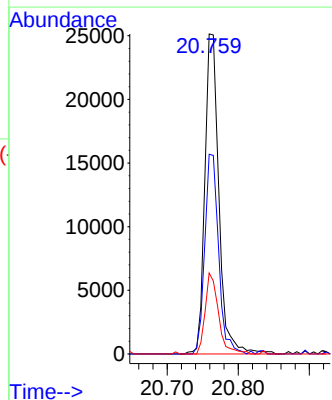
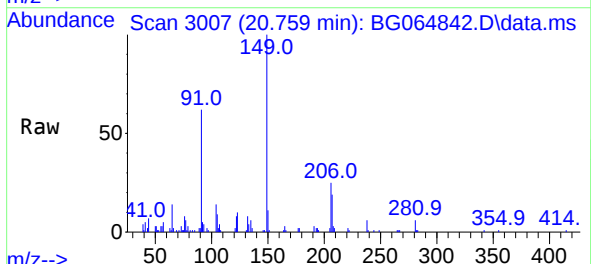
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2025

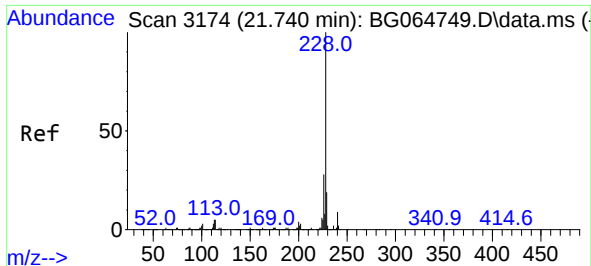
Tgt Ion:244 Resp: 2098525
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.2 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 3.705 ng
 RT: 20.759 min Scan# 3007
 Delta R.T. -0.011 min
 Lab File: BG064842.D
 Acq: 21 Nov 2025 13:01

Tgt Ion:149 Resp: 34671
 Ion Ratio Lower Upper
 149 100
 91 62.4 54.9 82.3
 206 25.3 21.2 31.8

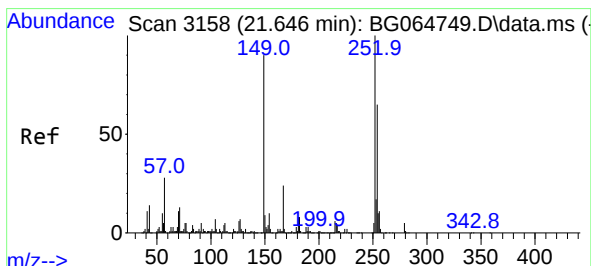
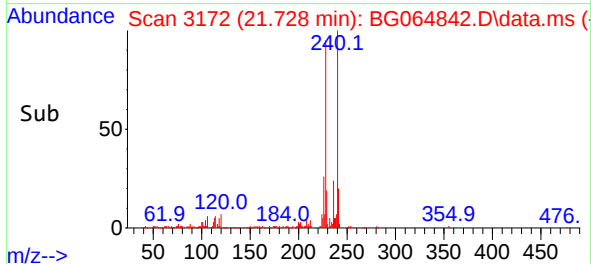
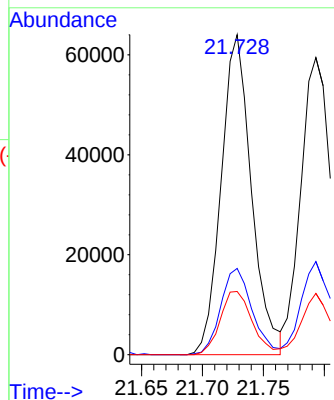
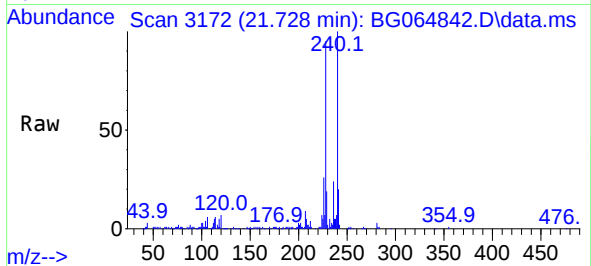




#81
Benzo(a)anthracene
Concen: 3.439 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

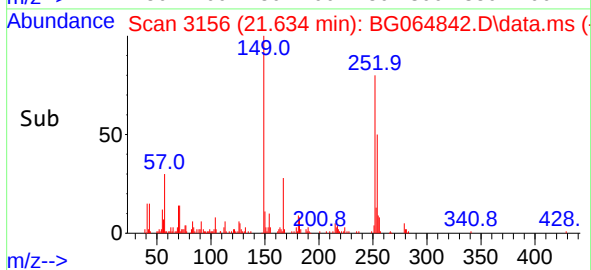
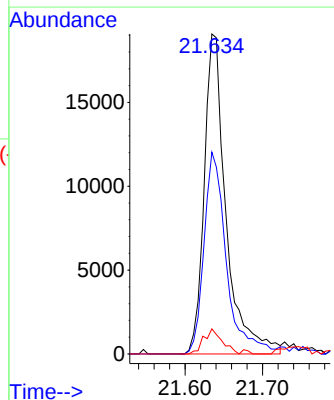
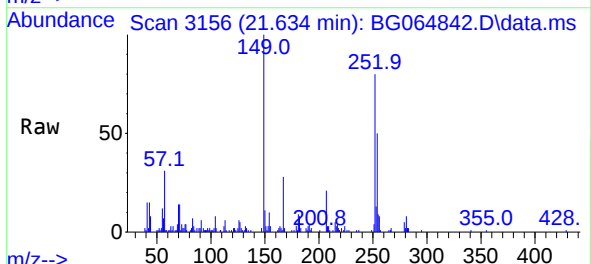
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

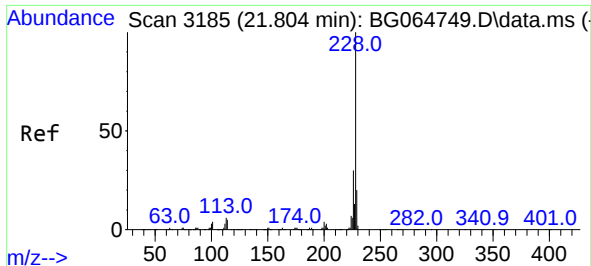
Tgt Ion:228 Resp: 111020
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 3.146 ng
RT: 21.634 min Scan# 3156
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:252 Resp: 37374
Ion Ratio Lower Upper
252 100
254 63.1 51.8 77.8
126 7.8 4.7 7.1#

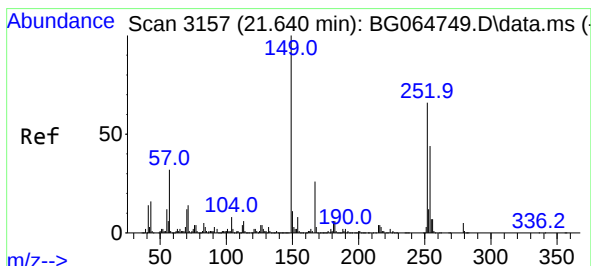
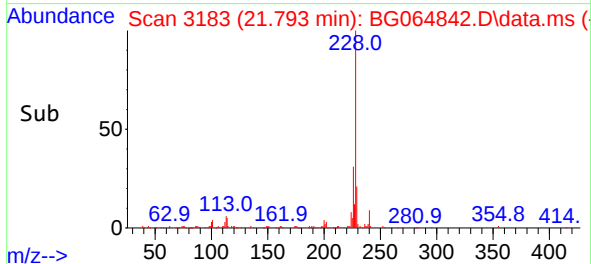
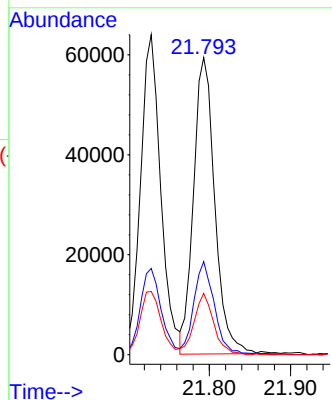
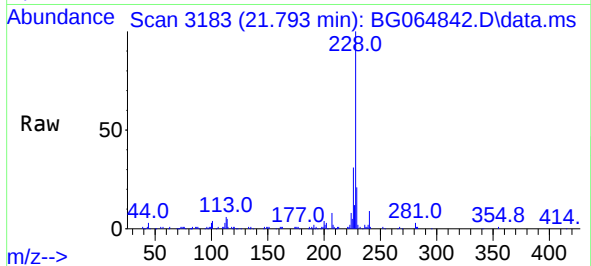




#83
Chrysene
Concen: 3.553 ng
RT: 21.793 min Scan# 3183
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

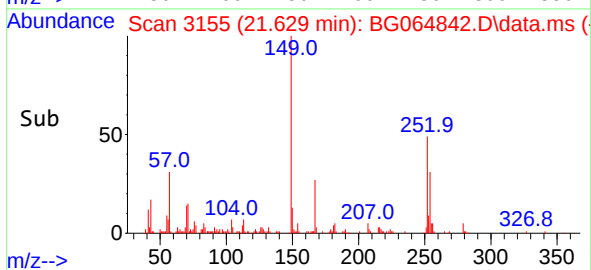
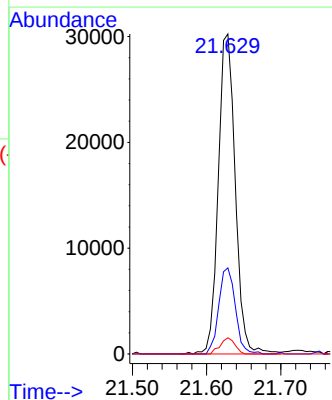
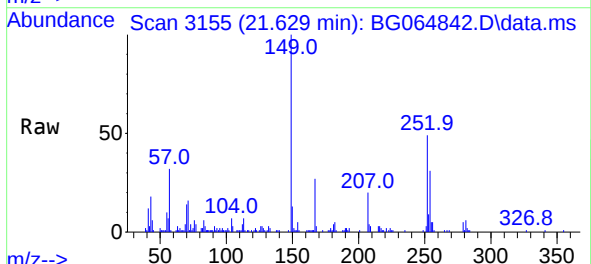
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

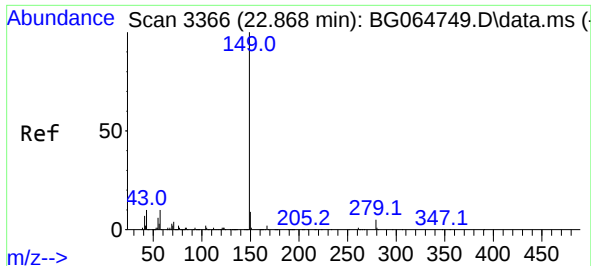
Tgt Ion:228 Resp: 108134
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 20.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.520 ng
RT: 21.629 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:149 Resp: 48140
Ion Ratio Lower Upper
149 100
167 26.9 21.0 31.4
279 5.0 4.1 6.1

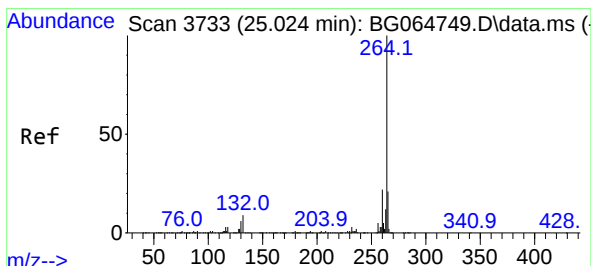
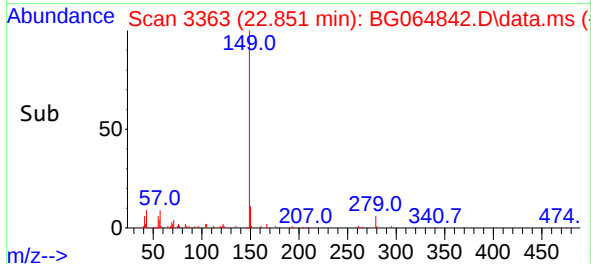
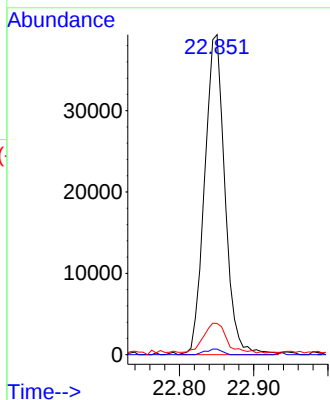
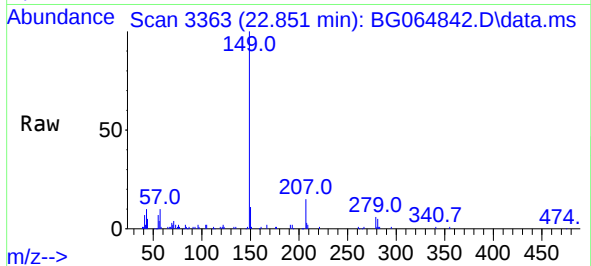




#85
Di-n-octyl phthalate
Concen: 3.167 ng
RT: 22.851 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

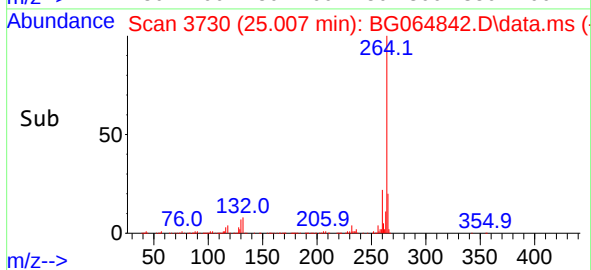
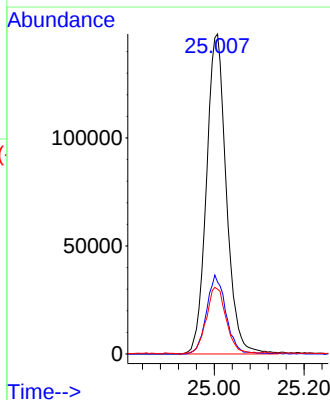
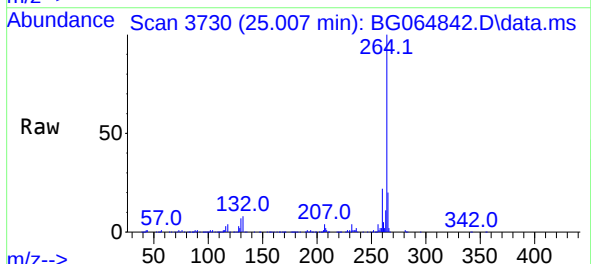
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

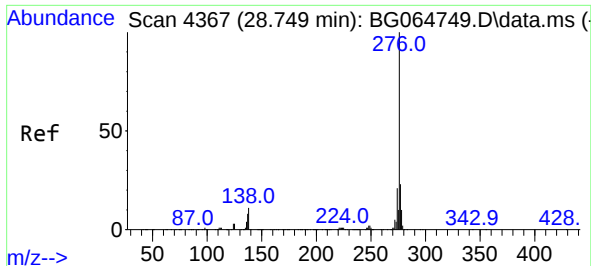
Tgt Ion:149 Resp: 74865
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3730
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:264 Resp: 455028
Ion Ratio Lower Upper
264 100
260 22.4 17.2 25.8
265 20.2 16.6 25.0

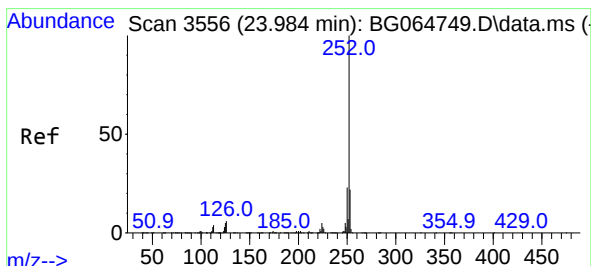
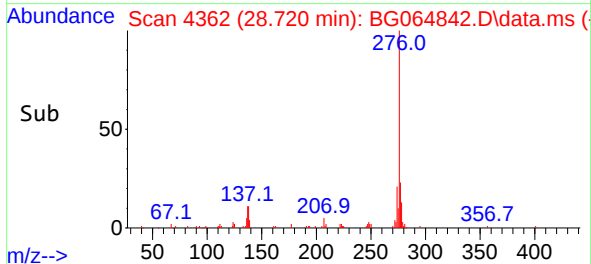
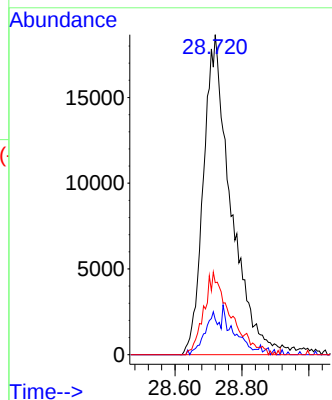
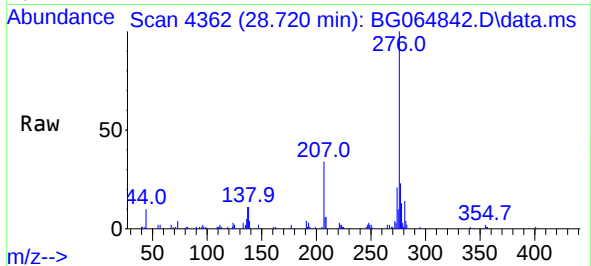




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.381 ng
RT: 28.720 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

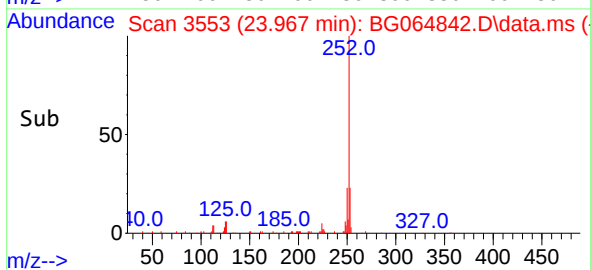
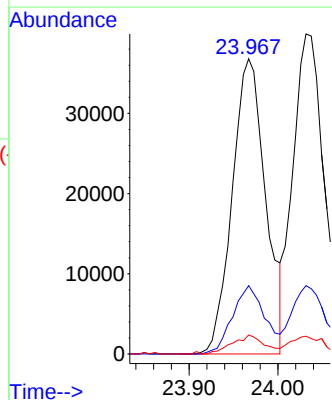
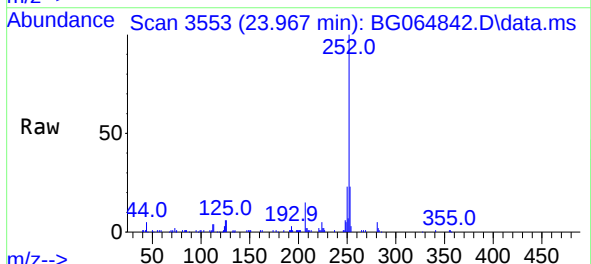
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

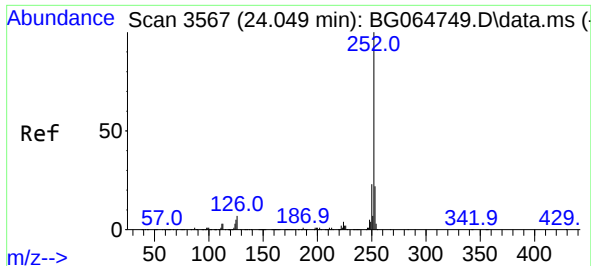
Tgt Ion:276 Resp: 105697
Ion Ratio Lower Upper
276 100
138 5.9 4.5 6.7
277 22.6 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 3.329 ng m
RT: 23.967 min Scan# 3553
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:252 Resp: 96391
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 6.4 4.2 6.2#

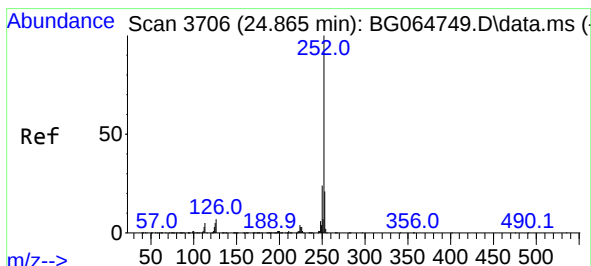
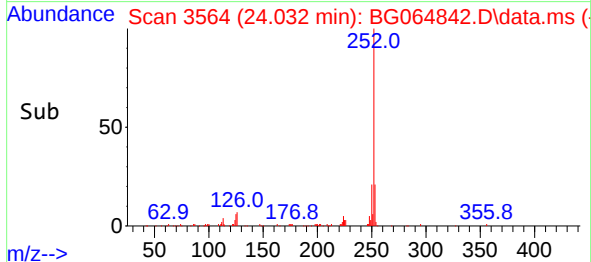
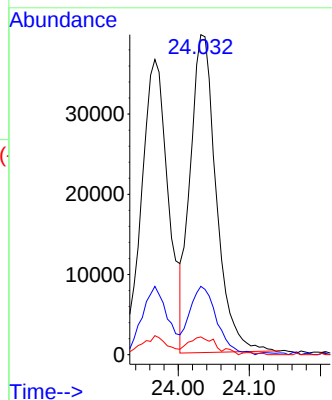
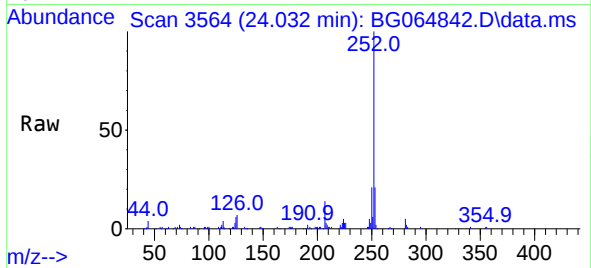




#89
Benzo(k)fluoranthene
Concen: 3.462 ng
RT: 24.032 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

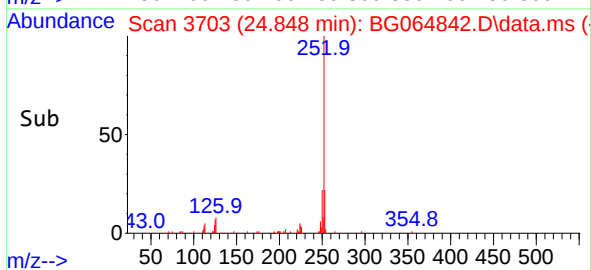
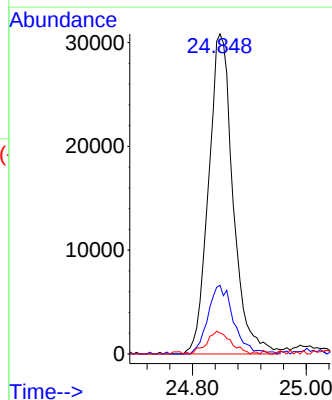
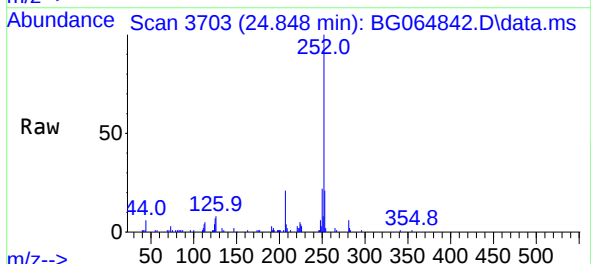
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

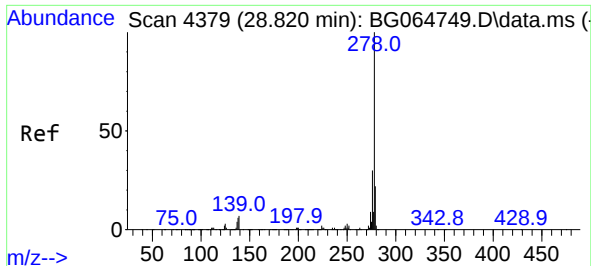
Tgt Ion:252 Resp: 100712
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 5.5 4.1 6.1



#90
Benzo(a)pyrene
Concen: 3.434 ng
RT: 24.848 min Scan# 3703
Delta R.T. -0.017 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:252 Resp: 92245
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 6.6 4.2 6.4#

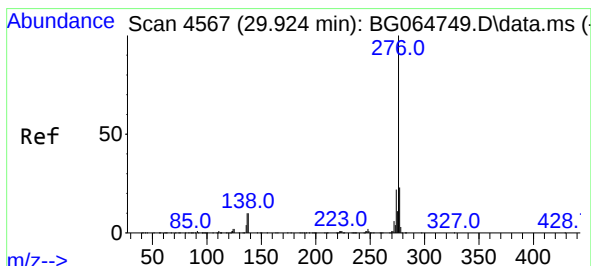
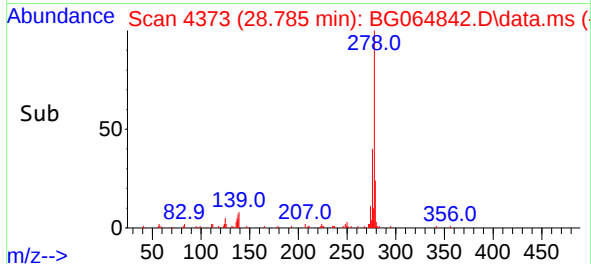
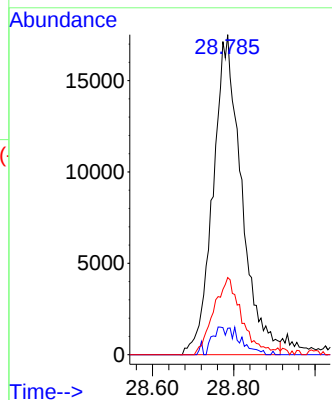
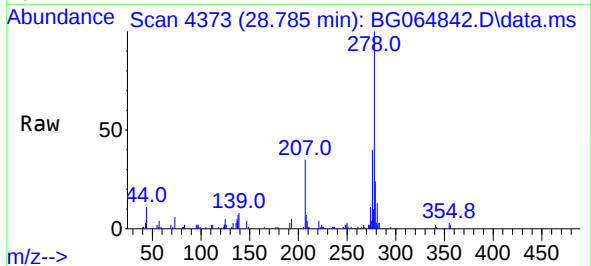




#91
Dibenzo(a,h)anthracene
Concen: 3.329 ng
RT: 28.785 min Scan# 41
Delta R.T. -0.035 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:278 Resp: 85257
Ion Ratio Lower Upper
278 100
139 8.3 5.8 8.8
279 24.1 17.3 25.9



#92
Benzo(g,h,i)perylene
Concen: 3.498 ng
RT: 29.878 min Scan# 4559
Delta R.T. -0.046 min
Lab File: BG064842.D
Acq: 21 Nov 2025 13:01

Tgt Ion:276 Resp: 86218
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 10.9 8.2 12.2

