

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050424.D
 Acq On : 14 Jul 2025 13:31
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-MDL-WATER-4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 14 14:17:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	437702	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1584685	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	1009003	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1975642	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2144416	20.000	ng	-0.01
86) Perylene-d12	24.474	264	2286063	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	3098673	121.859	ng	0.00
7) Phenol-d6	7.022	99	3926743	122.500	ng	0.00
23) Nitrobenzene-d5	9.016	82	2462218	79.270	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1609209	131.262	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	6253804	76.541	ng	0.00
79) Terphenyl-d14	19.833	244	10663513	87.492	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	38884	3.719	ng	97
3) Pyridine	3.740	79	97814	3.563	ng	96
4) n-Nitrosodimethylamine	3.640	42	45967	3.592	ng	# 86
6) Aniline	7.187	93	146125	3.552	ng	97
8) 2-Chlorophenol	7.428	128	103628	3.865	ng	97
9) Benzaldehyde	6.999	77	90854	4.765	ng	99
10) Phenol	7.046	94	125616	3.757	ng	87
11) bis(2-Chloroethyl)ether	7.281	93	98889	3.693	ng	98
12) 1,3-Dichlorobenzene	7.752	146	120190	3.686	ng	96
13) 1,4-Dichlorobenzene	7.899	146	122705	3.686	ng	100
14) 1,2-Dichlorobenzene	8.216	146	114610	3.596	ng	99
15) Benzyl Alcohol	8.099	79	77854	3.447	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.393	45	138942	3.523	ng	98
17) 2-Methylphenol	8.299	107	71352	3.290	ng	98
18) Hexachloroethane	8.952	117	41127	3.513	ng	99
19) n-Nitroso-di-n-propyla...	8.663	70	65126	3.354	ng	97
20) 3+4-Methylphenols	8.622	107	95986	3.297	ng	98
22) Acetophenone	8.681	105	143583	3.624	ng	# 96
24) Nitrobenzene	9.057	77	115095	4.152	ng	99
25) Isophorone	9.587	82	171479	3.402	ng	99
26) 2-Nitrophenol	9.769	139	32918	2.914	ng	91
27) 2,4-Dimethylphenol	9.828	122	79939	3.326	ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	116764	3.496	ng	96
29) 2,4-Dichlorophenol	10.299	162	80179	3.247	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	107515	3.639	ng	97
31) Naphthalene	10.710	128	293103	3.641	ng	99
32) Benzoic acid	9.869	122	23357	7.360	ng	90
33) 4-Chloroaniline	10.810	127	112981	3.320	ng	97
34) Hexachlorobutadiene	11.004	225	63026	3.495	ng	97
35) Caprolactam	11.563	113	19024	2.822	ng	94
36) 4-Chloro-3-methylphenol	11.928	107	73112	3.170	ng	100
37) 2-Methylnaphthalene	12.316	142	173321	3.410	ng	95
38) 1-Methylnaphthalene	12.534	142	185802	3.455	ng	99
40) 1,2,4,5-Tetrachloroben...	12.681	216	109285	3.406	ng	98
41) Hexachlorocyclopentadiene	12.669	237	53757	2.621	ng	98
43) 2,4,6-Trichlorophenol	12.922	196	58778	2.976	ng	98

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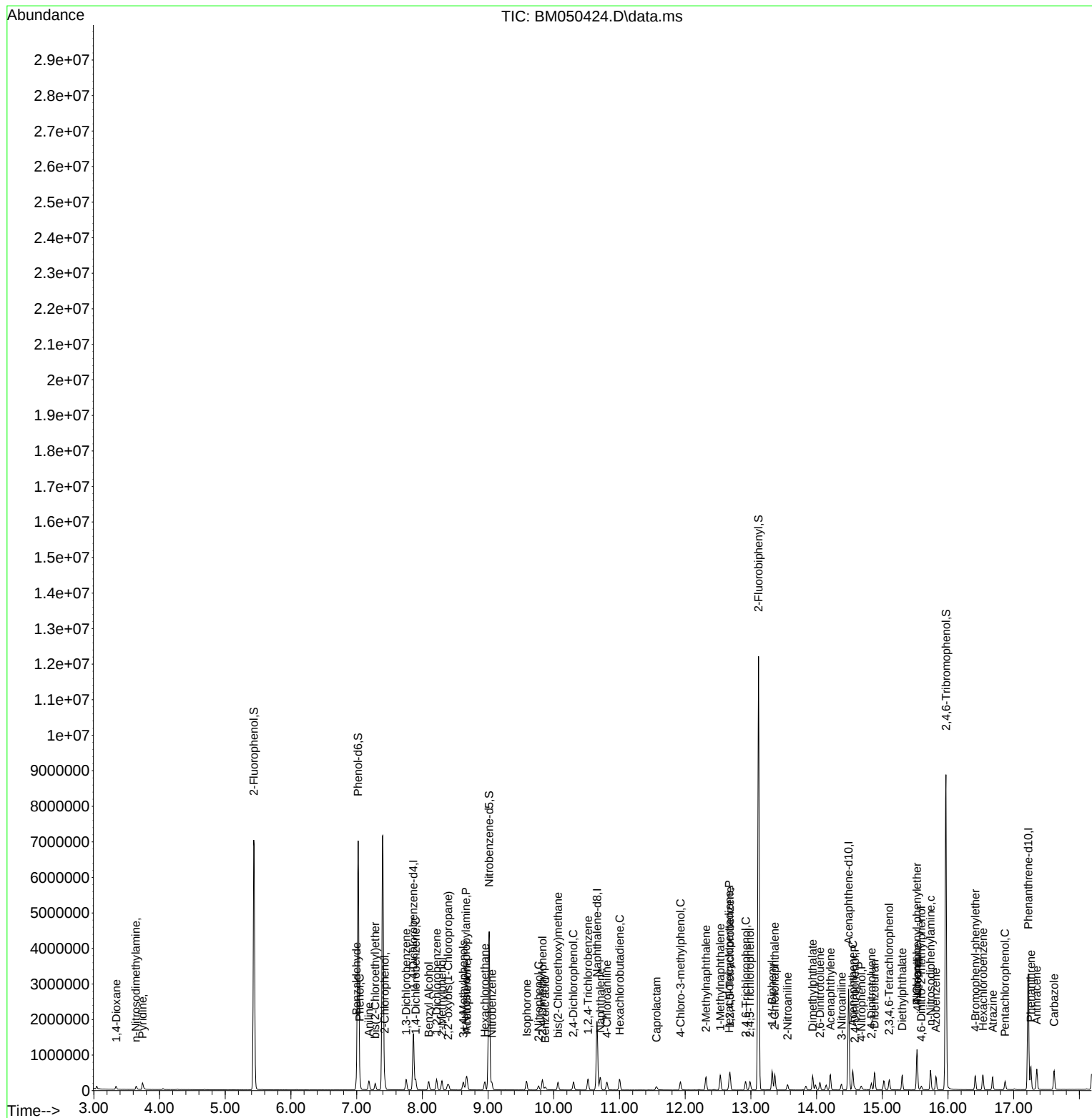
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	65075	3.017	ng	96
46) 1,1'-Biphenyl	13.322	154	273411	3.652	ng	98
47) 2-Chloronaphthalene	13.363	162	216423	3.626	ng	99
48) 2-Nitroaniline	13.557	65	36389	2.731	ng	92
49) Acenaphthylene	14.210	152	301007	3.337	ng	98
50) Dimethylphthalate	13.940	163	246918	3.554	ng	99
51) 2,6-Dinitrotoluene	14.051	165	37877	2.840	ng	# 90
52) Acenaphthene	14.551	154	197894	3.451	ng	94
53) 3-Nitroaniline	14.381	138	39205	2.764	ng	# 88
54) 2,4-Dinitrophenol	14.581	184	11782	7.880	ng	# 88
55) Dibenzofuran	14.881	168	321190	3.635	ng	98
56) 4-Nitrophenol	14.681	139	28489	2.335	ng	90
57) 2,4-Dinitrotoluene	14.834	165	44432	4.823	ng	# 84
58) Fluorene	15.528	166	247123	3.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	56165	3.093	ng	98
60) Diethylphthalate	15.304	149	225831	3.403	ng	100
61) 4-Chlorophenyl-phenyle...	15.528	204	125132	3.288	ng	96
62) 4-Nitroaniline	15.534	138	37682	4.773	ng	# 76
63) Azobenzene	15.816	77	194962	3.200	ng	95
65) 4,6-Dinitro-2-methylph...	15.592	198	19023	7.858	ng	91
66) n-Nitrosodiphenylamine	15.734	169	199597	3.229	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	72790	3.344	ng	94
68) Hexachlorobenzene	16.533	284	86558	3.367	ng	98
69) Atrazine	16.681	200	62330	3.070	ng	95
70) Pentachlorophenol	16.869	266	41682	2.604	ng	98
71) Phenanthrene	17.263	178	397302	3.554	ng	99
72) Anthracene	17.351	178	364910	3.279	ng	99
73) Carbazole	17.616	167	339520	3.372	ng	99
74) Di-n-butylphthalate	18.186	149	322280	2.924	ng	99
75) Fluoranthene	19.269	202	401242	3.302	ng	99
77) Benzidine	19.445	184	146323	2.675	ng	97
78) Pyrene	19.627	202	433029	3.153	ng	99
80) Butylbenzylphthalate	20.527	149	129145	2.852	ng	96
81) Benzo(a)anthracene	21.427	228	476181	3.408	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	132571	2.814	ng	97
83) Chrysene	21.486	228	450759	3.420	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	217517	3.026	ng	100
85) Di-n-octyl phthalate	22.504	149	315157	2.799	ng	97
87) Indeno(1,2,3-cd)pyrene	27.892	276	528812	3.253	ng	99
88) Benzo(b)fluoranthene	23.515	252	441337	3.139	ng	99
89) Benzo(k)fluoranthene	23.574	252	453162	3.106	ng	99
90) Benzo(a)pyrene	24.327	252	400965	3.046	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	439294	3.209	ng	98
92) Benzo(g,h,i)perylene	28.956	276	433617	3.352	ng	99

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

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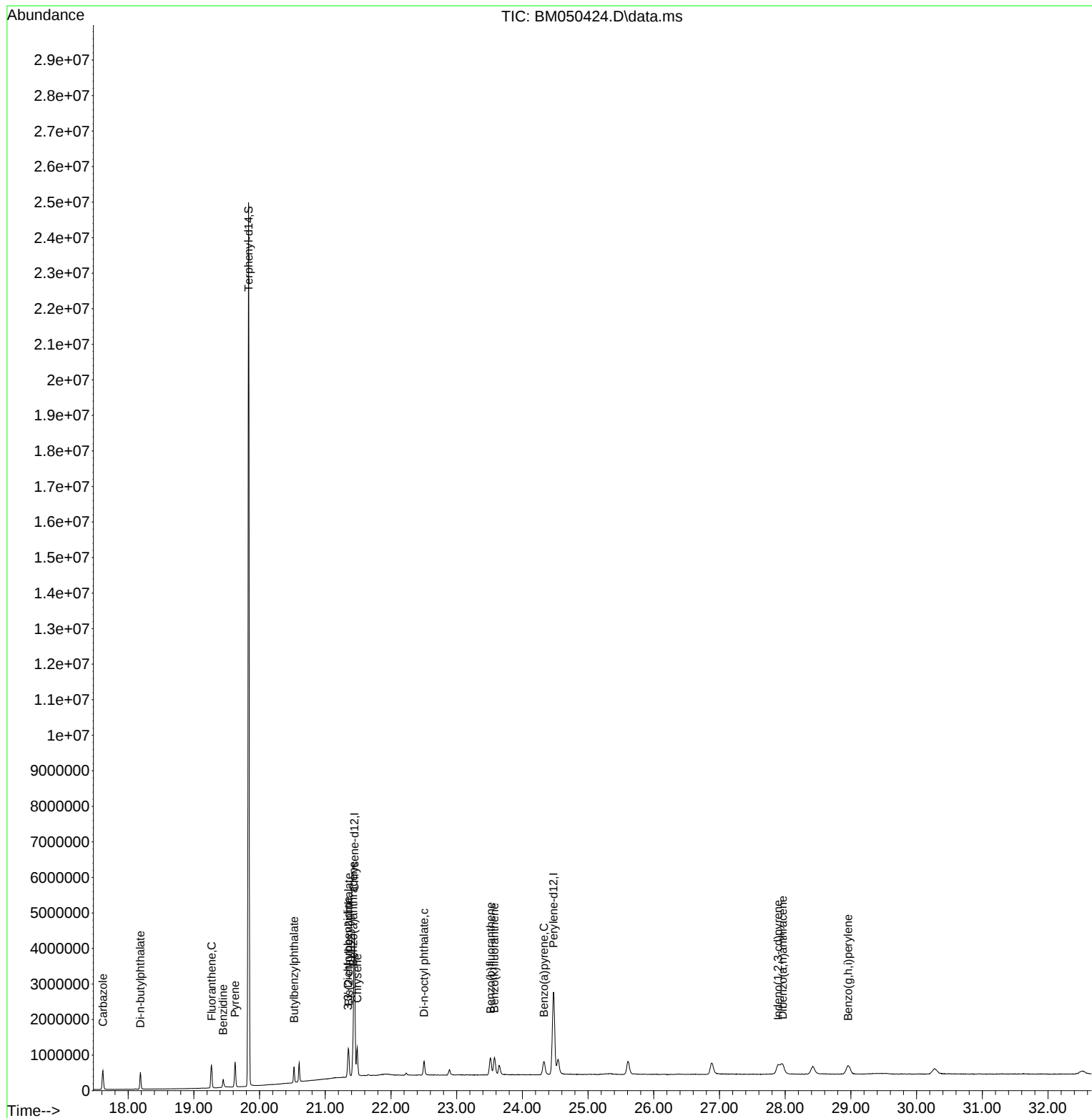
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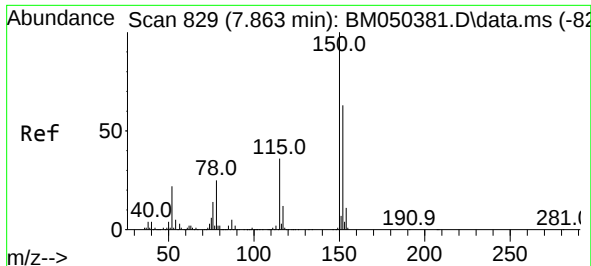


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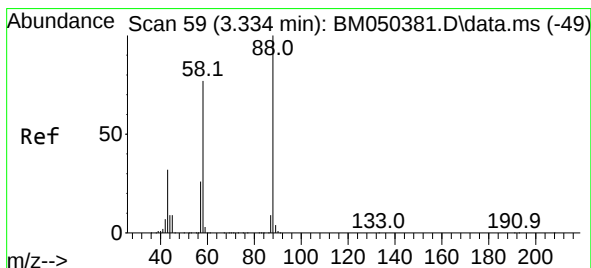
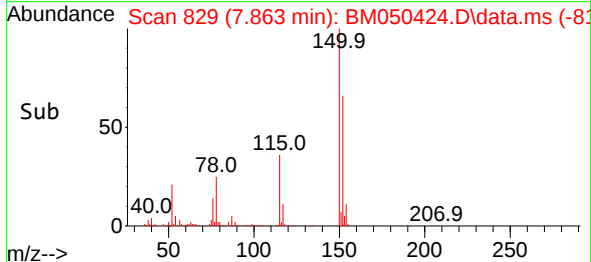
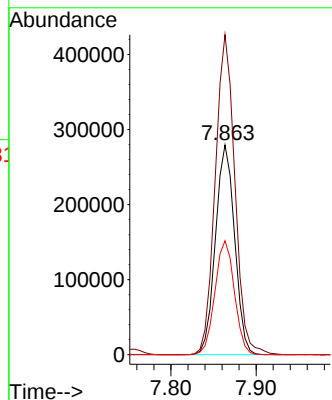
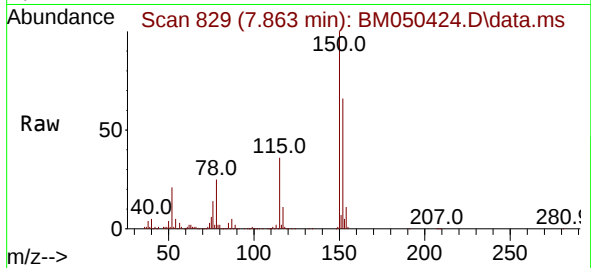




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050424.D
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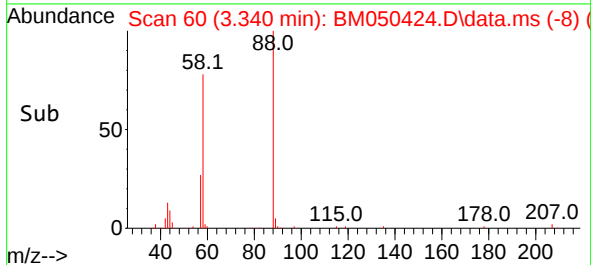
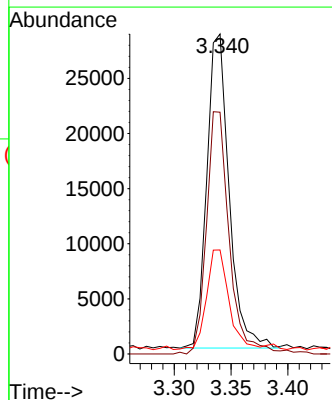
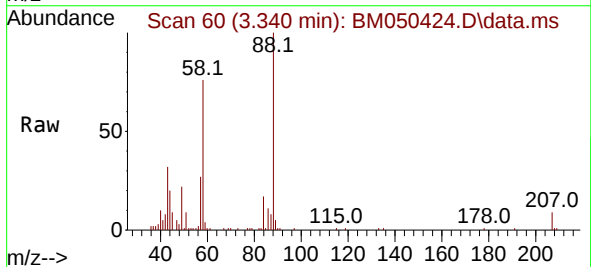
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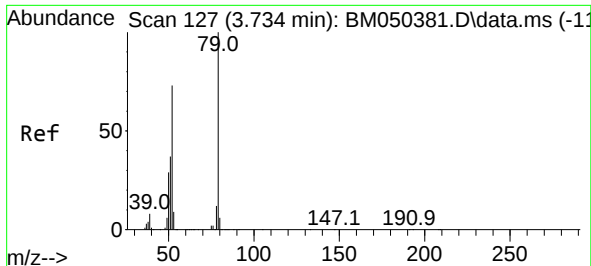
Tgt Ion:152 Resp: 437702
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.2 189.4
 115 54.3 45.8 68.8



#2
 1,4-Dioxane
 Concen: 3.719 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BM050424.D
 Acq: 14 Jul 2025 13:31

Tgt Ion: 88 Resp: 38884
 Ion Ratio Lower Upper
 88 100
 58 79.2 61.0 91.6
 43 31.2 24.6 37.0

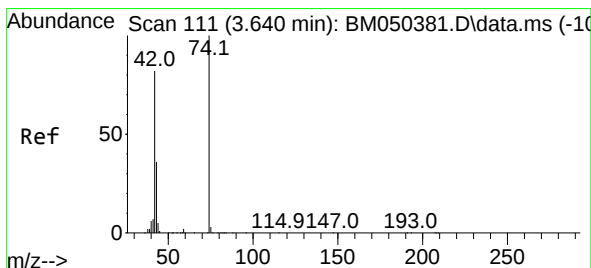
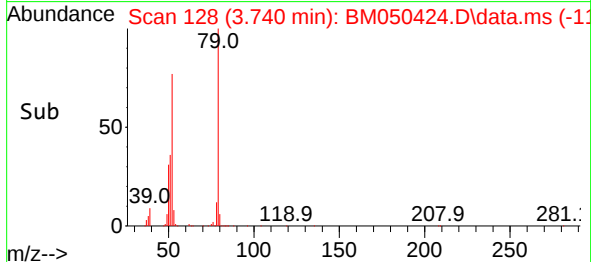
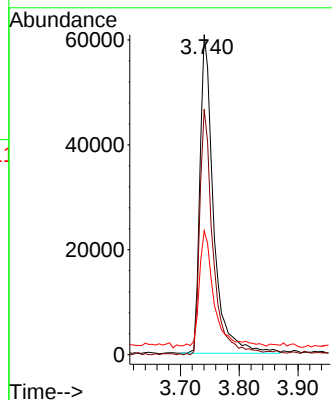
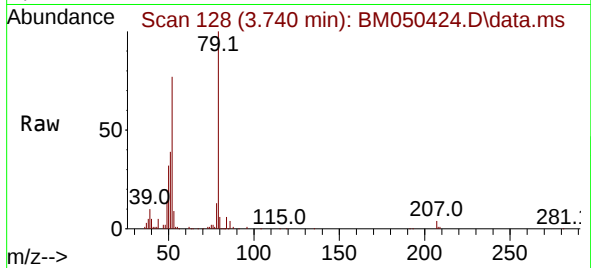




#3
Pyridine
Concen: 3.563 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

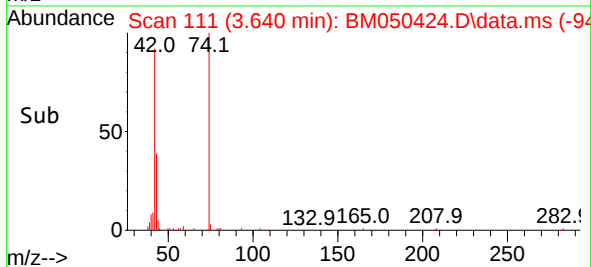
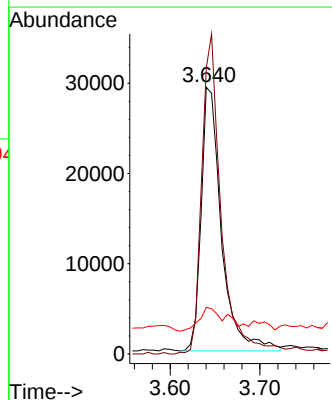
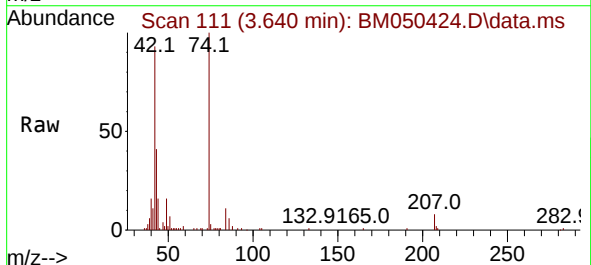
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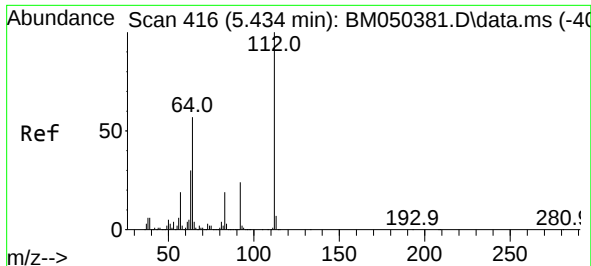
Tgt Ion: 79 Resp: 97814
Ion Ratio Lower Upper
79 100
52 76.6 58.3 87.5
51 38.7 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 3.592 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 42 Resp: 45967
Ion Ratio Lower Upper
42 100
74 107.2 97.5 146.3
44 17.5 5.7 8.5

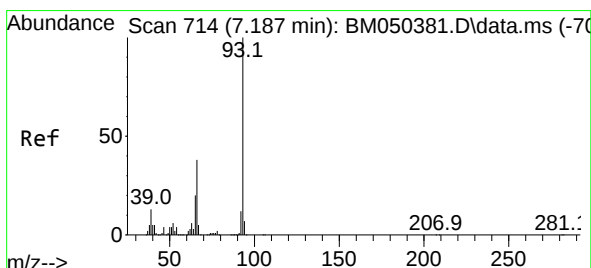
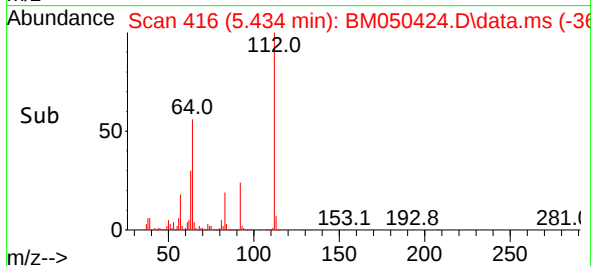
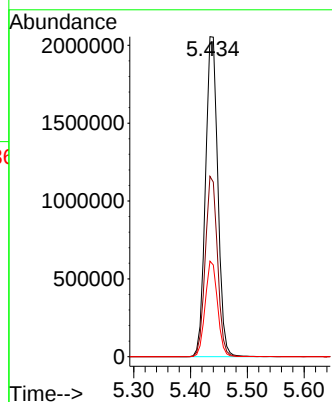
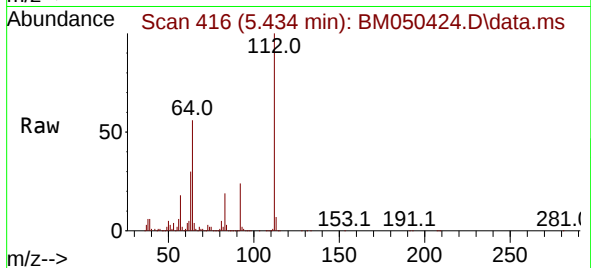




#5
2-Fluorophenol
Concen: 121.859 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

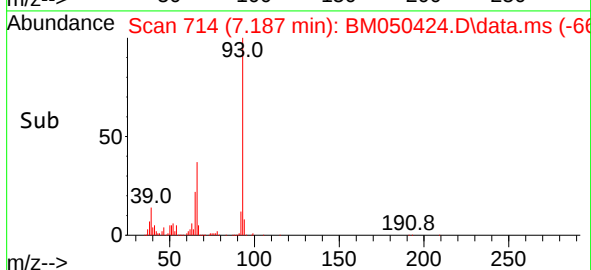
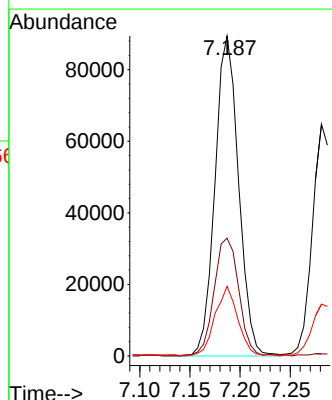
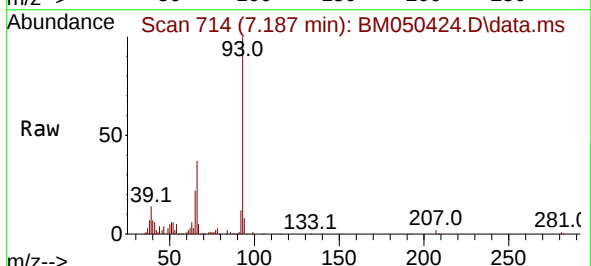
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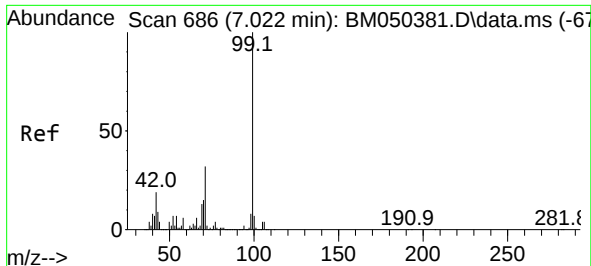
Tgt Ion:112 Resp: 3098673
Ion Ratio Lower Upper
112 100
64 56.3 45.5 68.3
63 29.9 24.2 36.4



#6
Aniline
Concen: 3.552 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 93 Resp: 146125
Ion Ratio Lower Upper
93 100
66 36.8 30.5 45.7
65 21.8 15.9 23.9



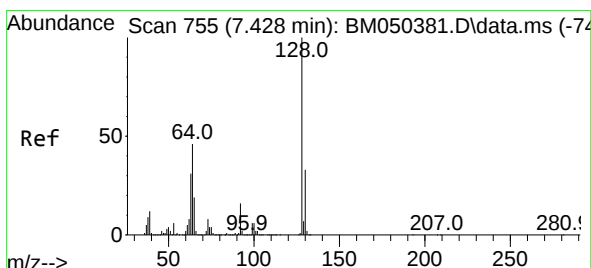
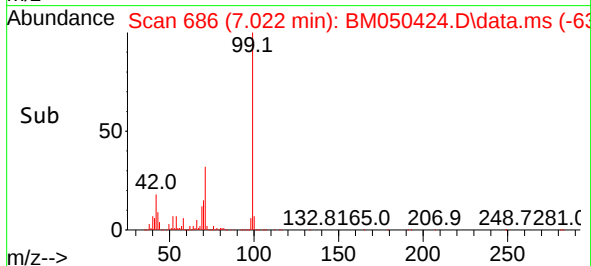
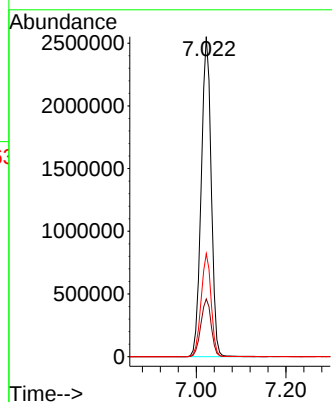
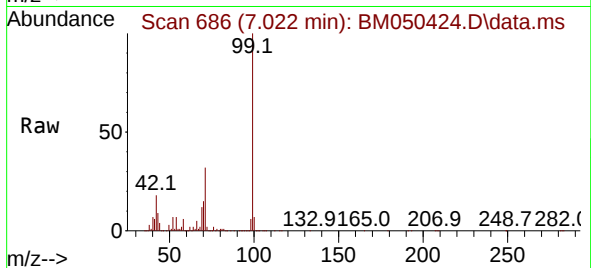


#7
Phenol-d6
Concen: 122.500 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050424.D
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Tgt Ion: 99 Resp: 3926743

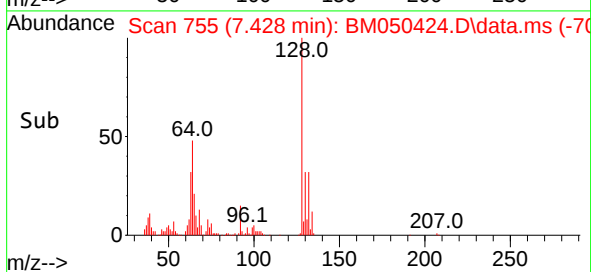
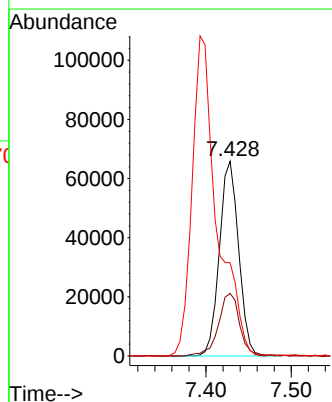
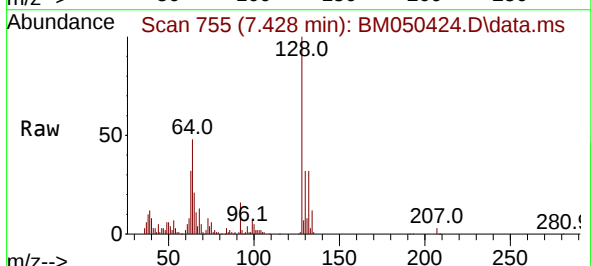
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	32.2	25.9	38.9

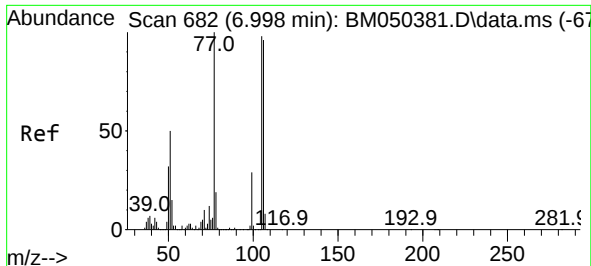


#8
2-Chlorophenol
Concen: 3.865 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050424.D
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Tgt Ion: 128 Resp: 103628

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	47.9	25.6	65.6

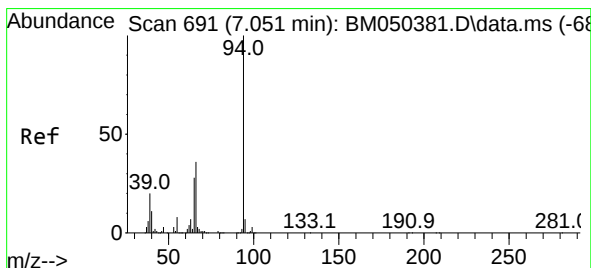
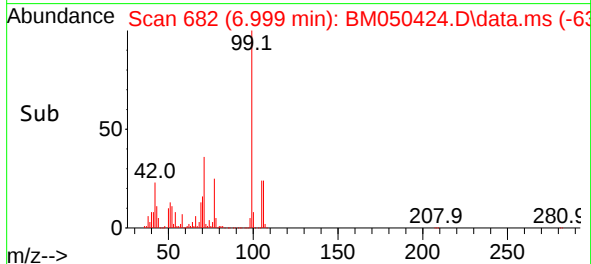
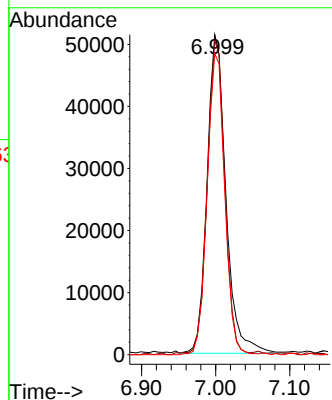
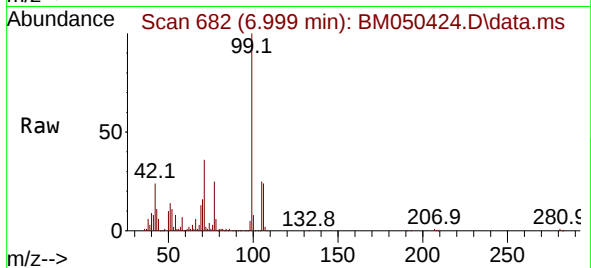




#9
Benzaldehyde
Concen: 4.765 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.001 min
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Acq: 14 Jul 2025 13:31

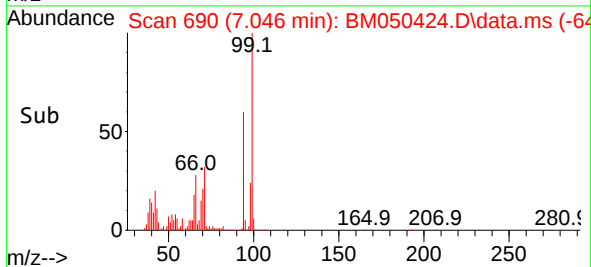
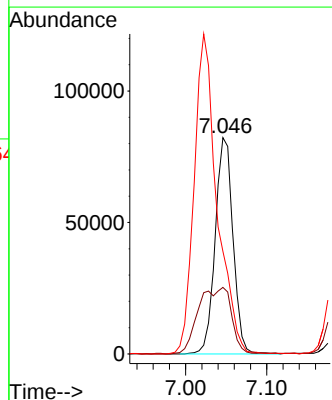
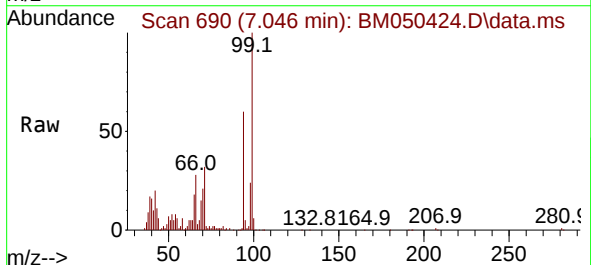
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

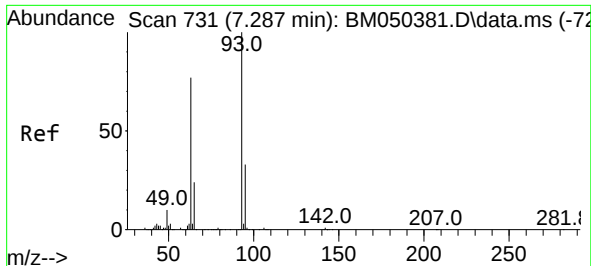
Tgt Ion: 77 Resp: 90854
Ion Ratio Lower Upper
77 100
105 98.2 78.4 118.4
106 94.0 76.3 116.3



#10
Phenol
Concen: 3.757 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 94 Resp: 125616
Ion Ratio Lower Upper
94 100
65 30.8 8.1 48.1
66 47.4 15.8 55.8

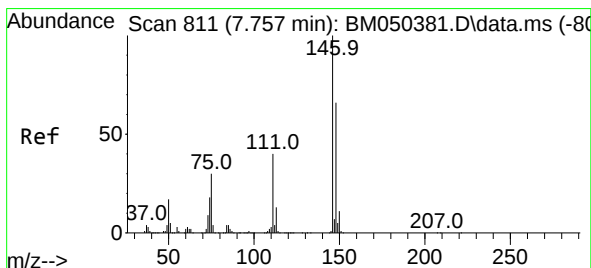
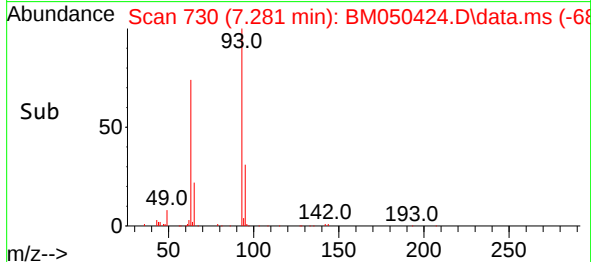
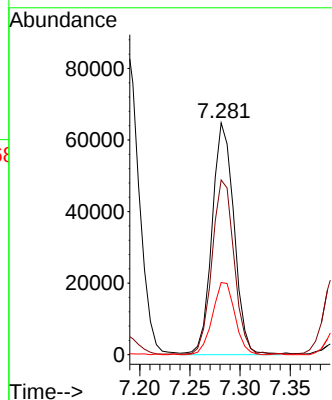
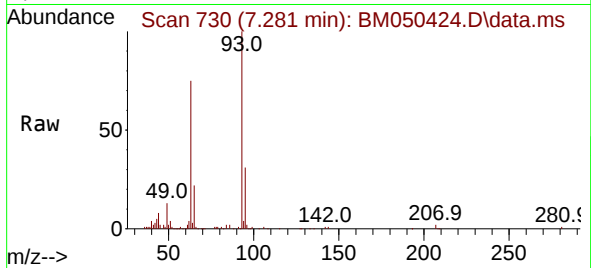




#11
bis(2-Chloroethyl)ether
Concen: 3.693 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

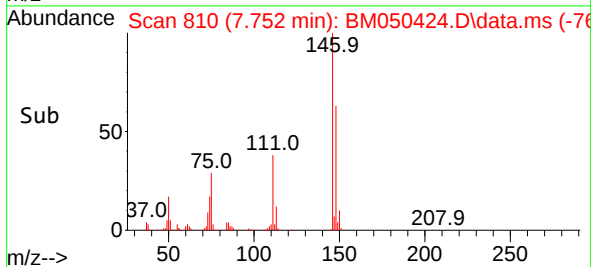
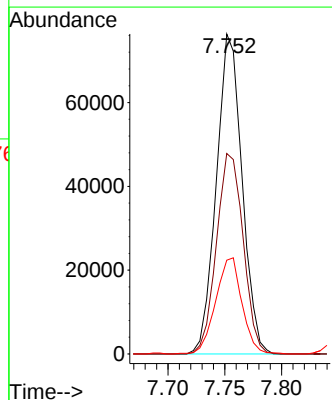
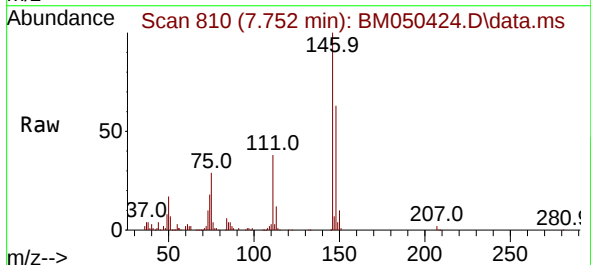
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

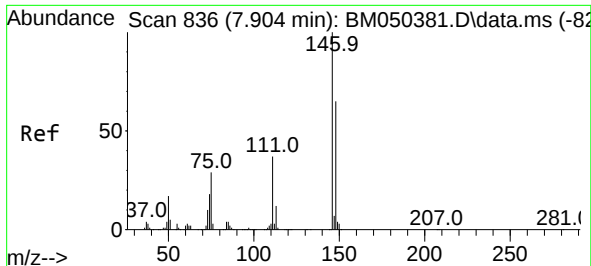
Tgt Ion: 93 Resp: 98889
Ion Ratio Lower Upper
93 100
63 75.4 56.9 96.9
95 31.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 3.686 ng
RT: 7.752 min Scan# 810
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:146 Resp: 120190
Ion Ratio Lower Upper
146 100
148 62.7 53.2 79.8
75 29.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 3.686 ng

RT: 7.899 min Scan# 81

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

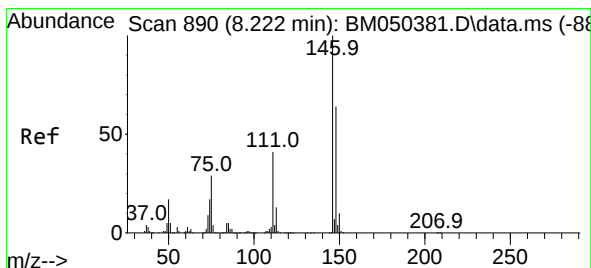
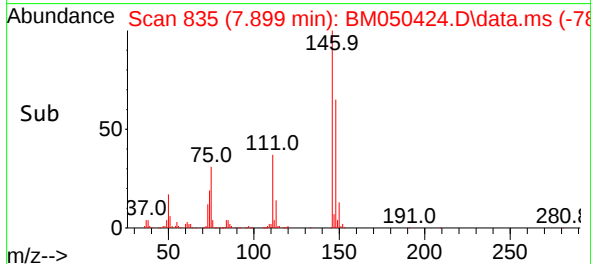
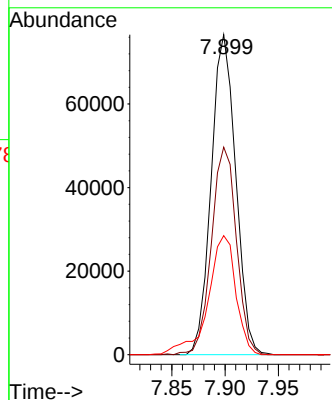
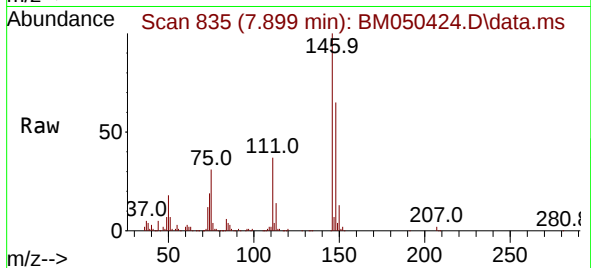
Tgt Ion:146 Resp: 122705

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

111 37.2 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 3.596 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

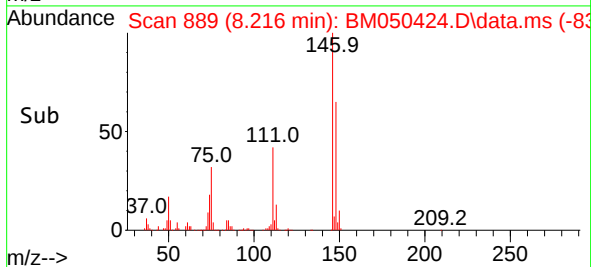
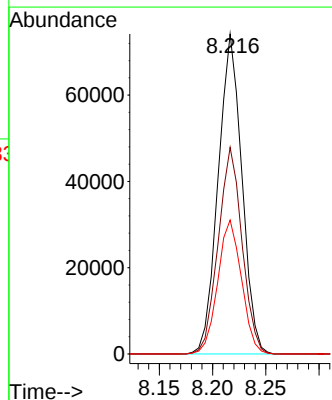
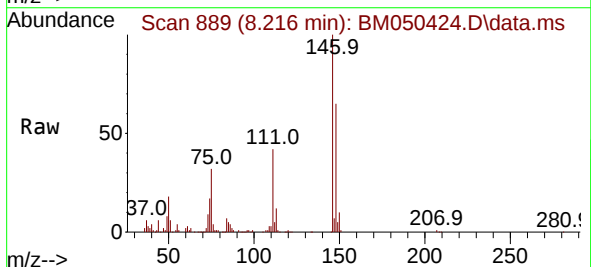
Tgt Ion:146 Resp: 114610

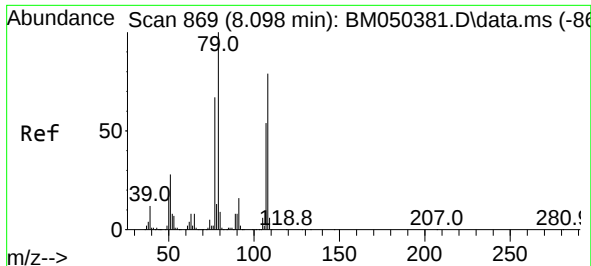
Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

111 41.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 3.447 ng

RT: 8.099 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

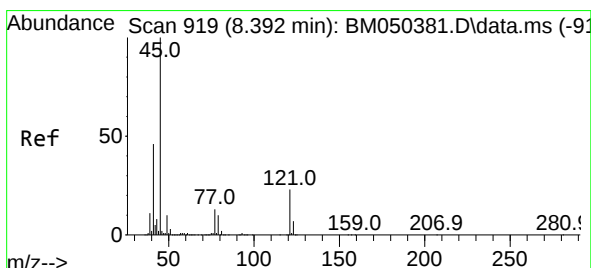
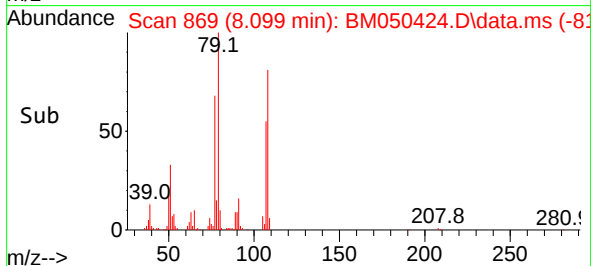
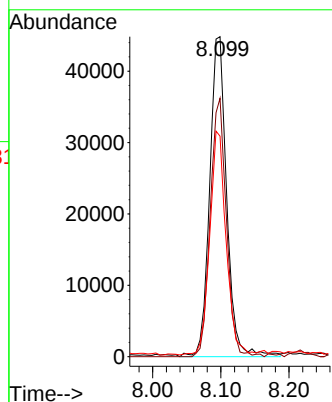
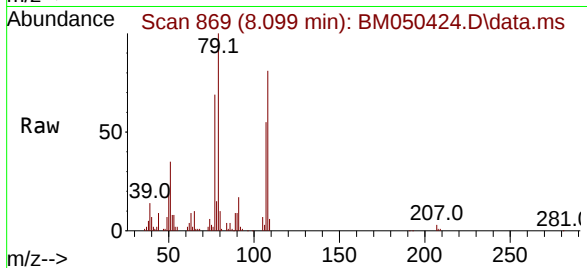
Tgt Ion: 79 Resp: 77854

Ion Ratio Lower Upper

79 100

108 80.7 63.0 94.4

77 68.9 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.523 ng

RT: 8.393 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

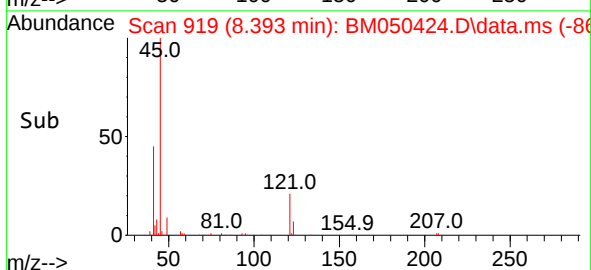
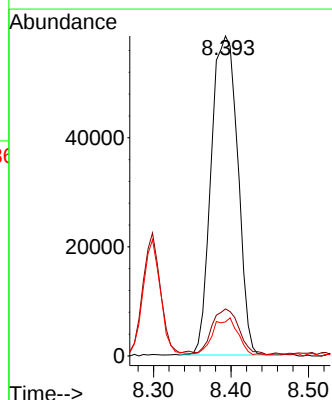
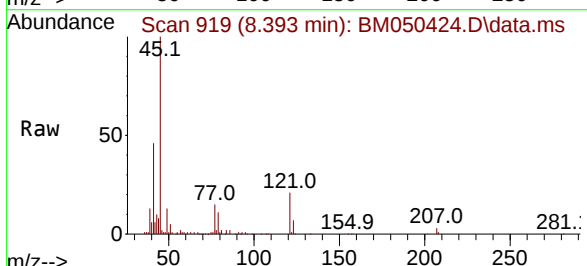
Tgt Ion: 45 Resp: 138942

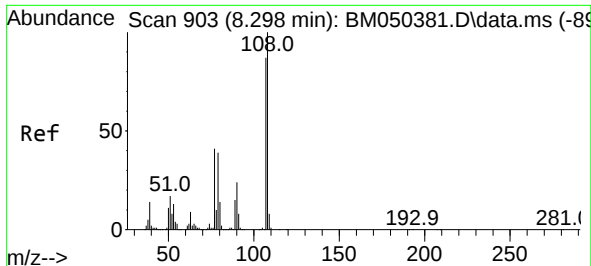
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.5

79 10.6 0.0 30.3

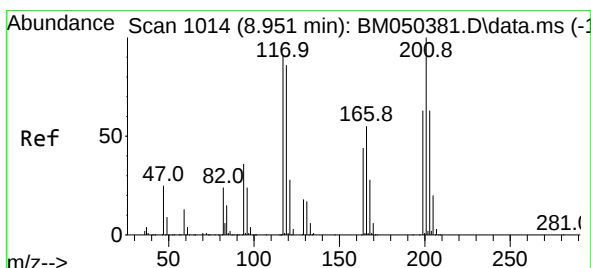
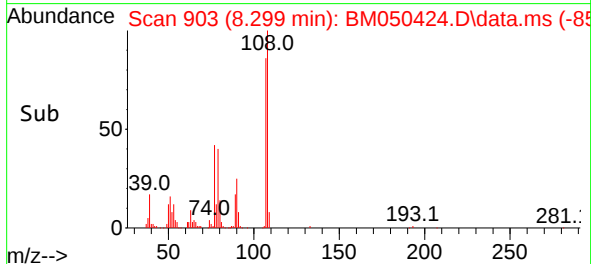
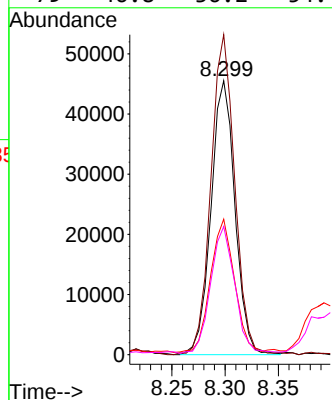
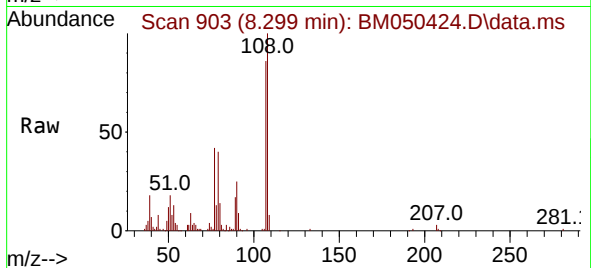




#17
2-Methylphenol
Concen: 3.290 ng
RT: 8.299 min Scan# 903
Delta R.T. 0.001 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

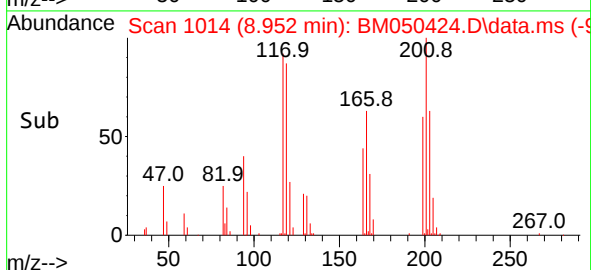
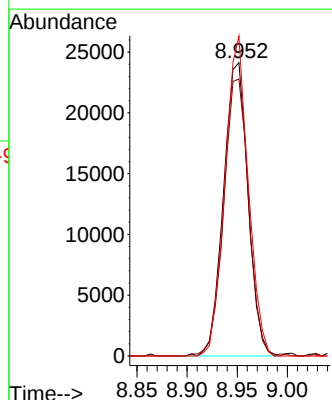
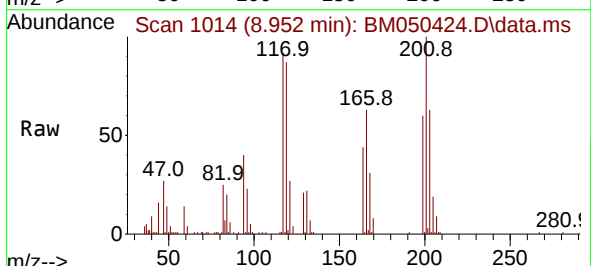
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

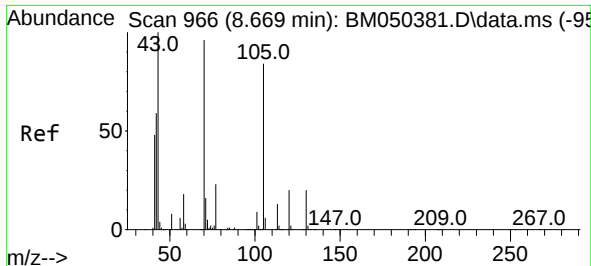
Tgt Ion:	107	Resp:	71352
Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.1	138.1
77	49.5	38.2	57.4
79	46.8	36.2	54.4



#18
Hexachloroethane
Concen: 3.513 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:	117	Resp:	41127
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.6	113.4
201	112.4	87.9	131.9

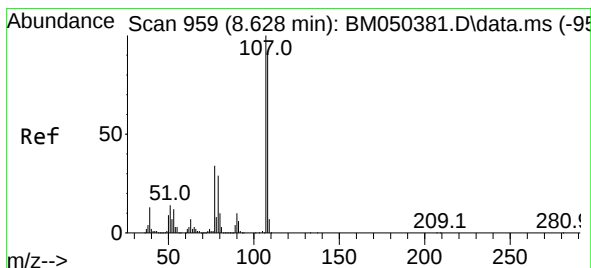
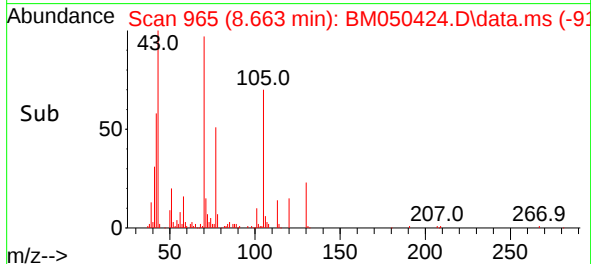
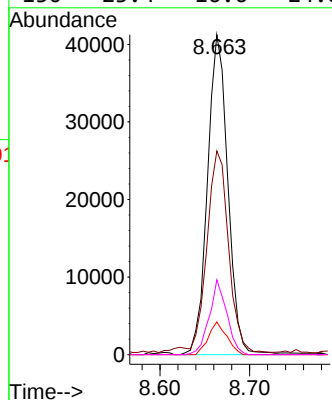
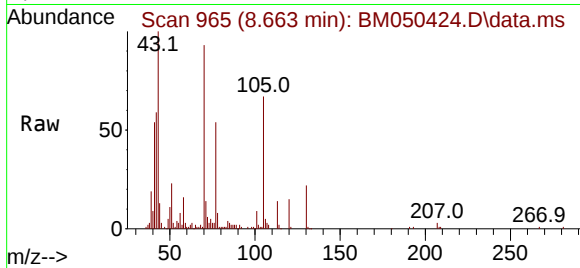




#19
n-Nitroso-di-n-propylamine
Concen: 3.354 ng
RT: 8.663 min Scan# 90
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

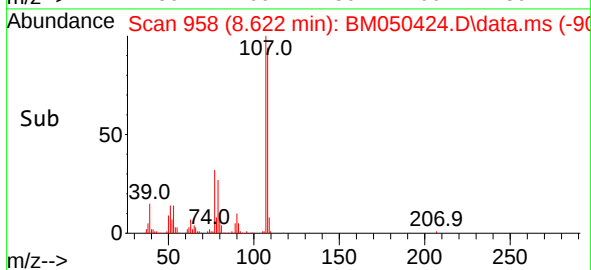
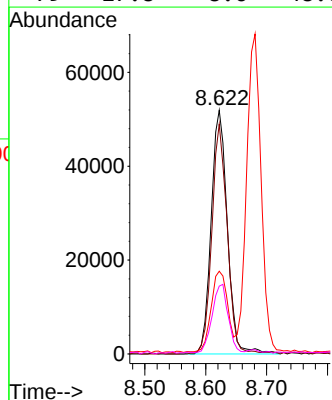
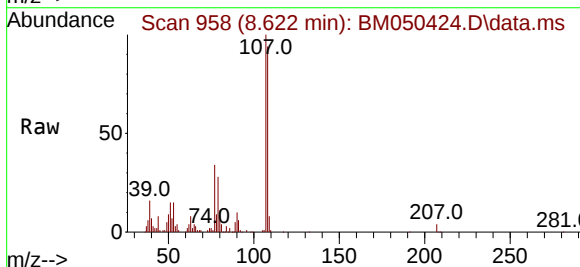
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

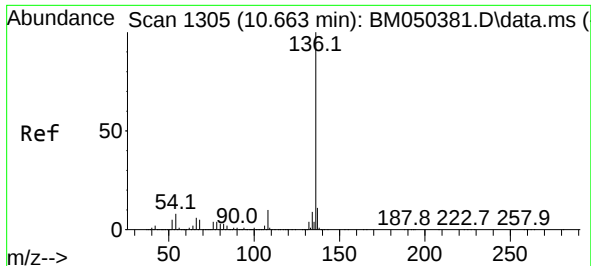
Tgt Ion: 70 Resp: 65126
Ion Ratio Lower Upper
70 100
42 63.6 49.7 74.5
101 10.2 7.7 11.5
130 23.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 3.297 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 107 Resp: 95986
Ion Ratio Lower Upper
107 100
108 94.3 71.5 111.5
77 34.0 13.7 53.7
79 27.8 8.6 48.6

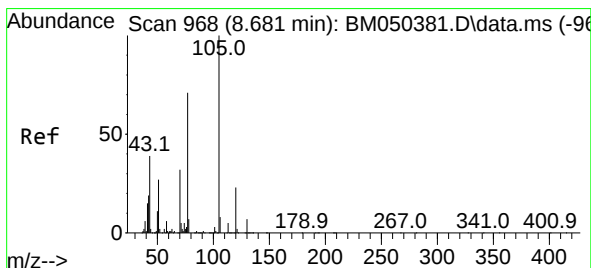
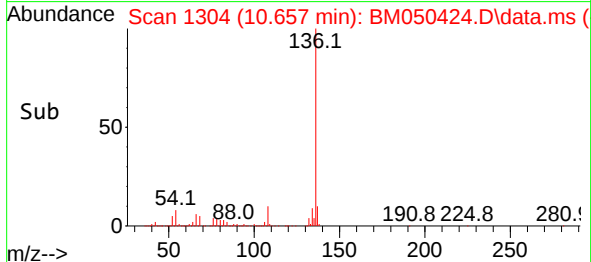
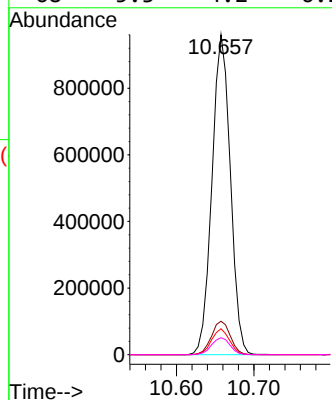
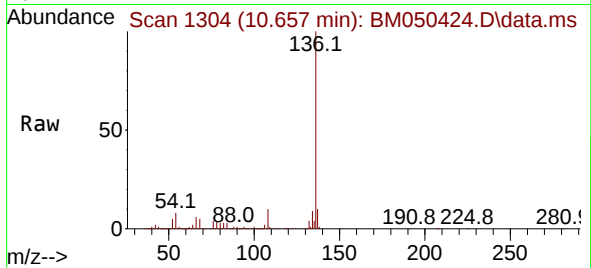




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

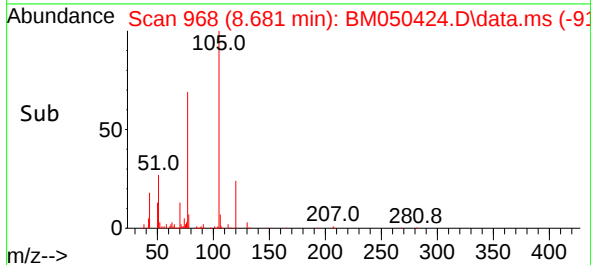
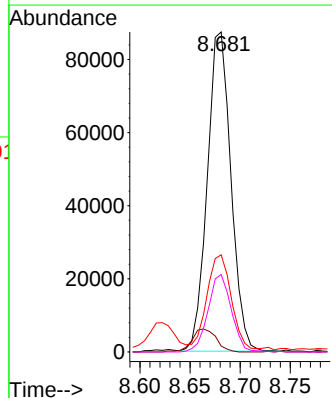
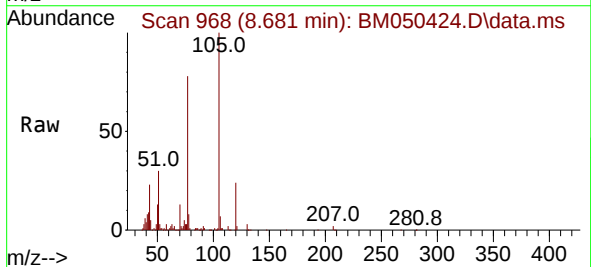
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

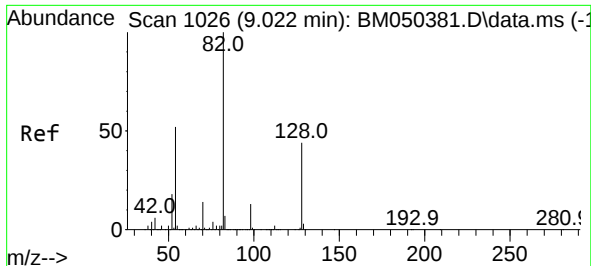
Tgt Ion:136 Resp: 1584685
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.1 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 3.624 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:105 Resp: 143583
Ion Ratio Lower Upper
105 100
71 1.8 4.4 6.6#
51 30.3 23.0 34.6
120 24.2 18.3 27.5

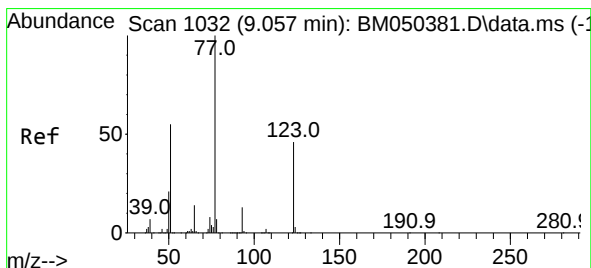
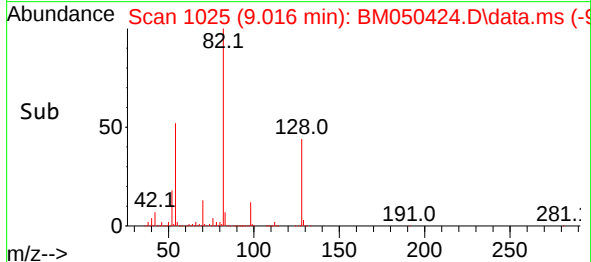
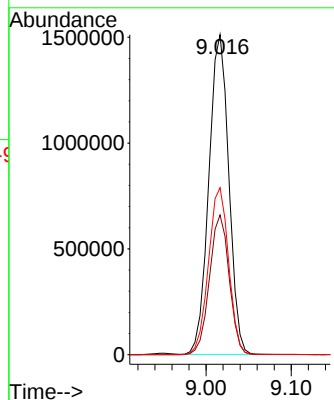
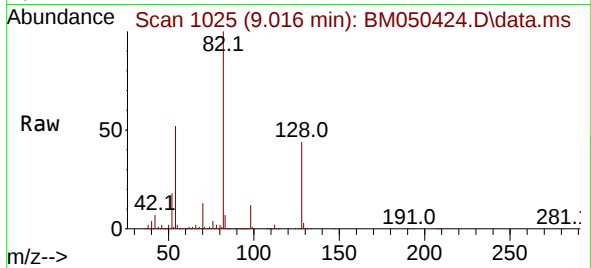




#23
Nitrobenzene-d5
Concen: 79.270 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

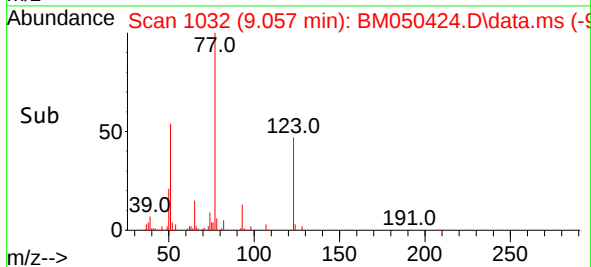
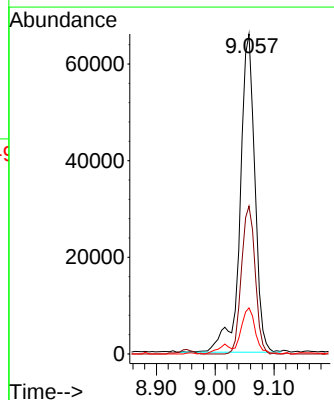
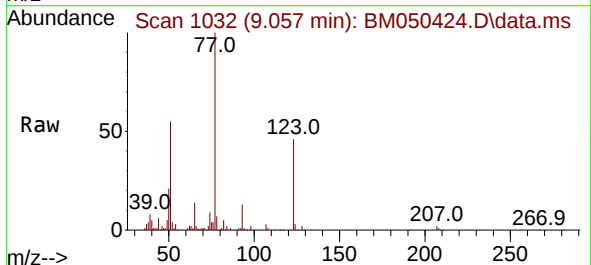
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

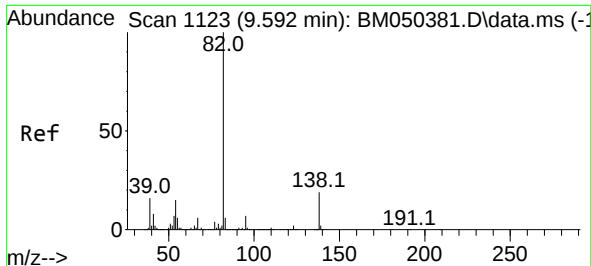
Tgt Ion: 82 Resp: 2462218
Ion Ratio Lower Upper
82 100
128 43.7 35.2 52.8
54 52.2 41.5 62.3



#24
Nitrobenzene
Concen: 4.152 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 77 Resp: 115095
Ion Ratio Lower Upper
77 100
123 46.2 37.0 55.6
65 14.4 11.0 16.4





#25

Isophorone

Concen: 3.402 ng

RT: 9.587 min Scan# 1122

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

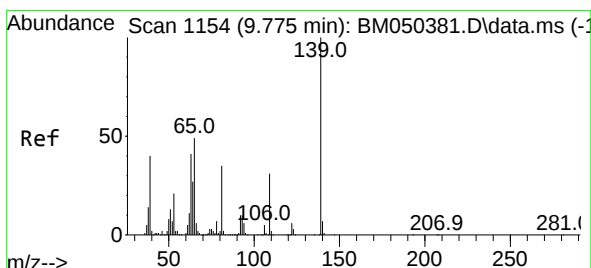
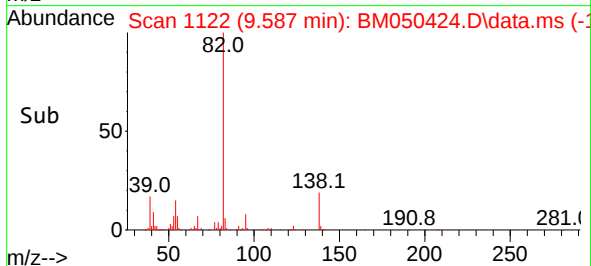
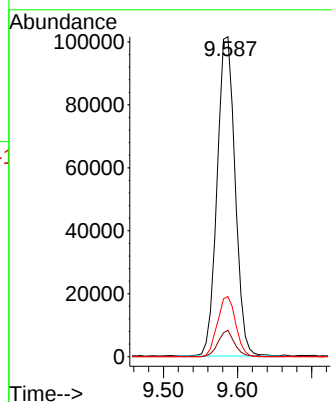
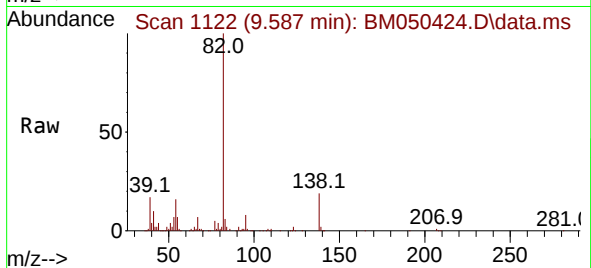
Tgt Ion: 82 Resp: 171479

Ion Ratio Lower Upper

82 100

95 8.2 5.6 8.4

138 18.8 15.3 22.9



#26

2-Nitrophenol

Concen: 2.914 ng

RT: 9.769 min Scan# 1153

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

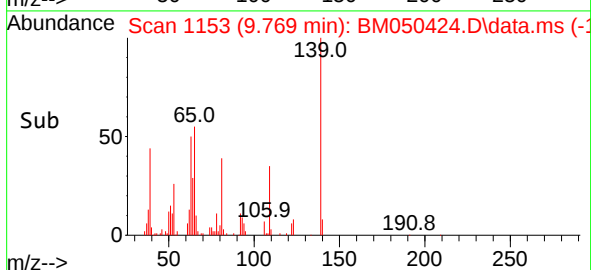
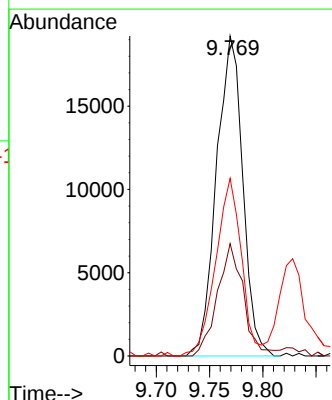
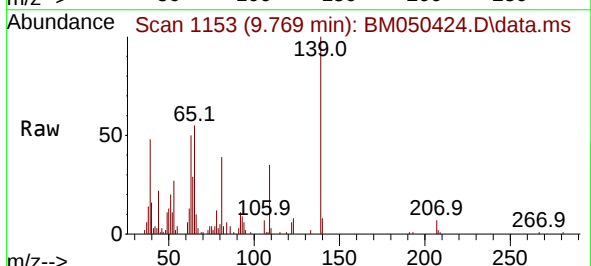
Tgt Ion:139 Resp: 32918

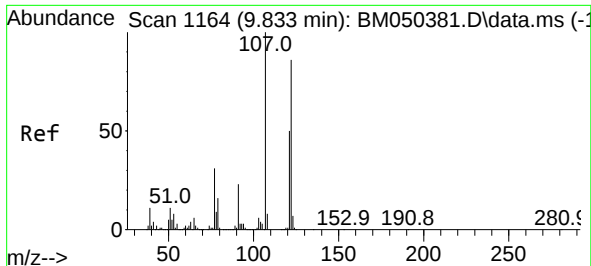
Ion Ratio Lower Upper

139 100

109 35.1 24.6 36.8

65 55.5 39.2 58.8

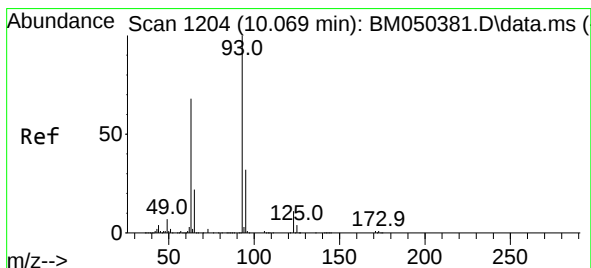
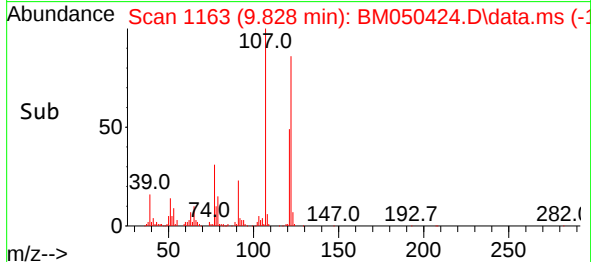
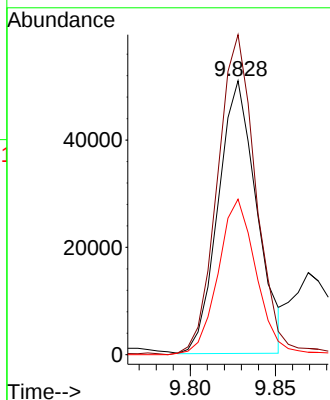
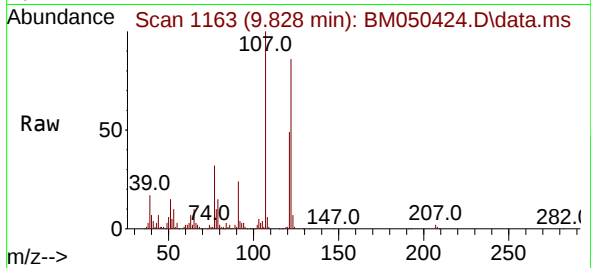




#27
2,4-Dimethylphenol
Concen: 3.326 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

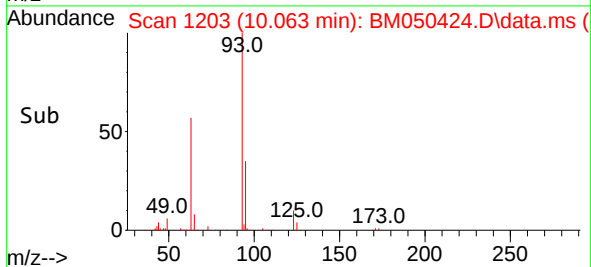
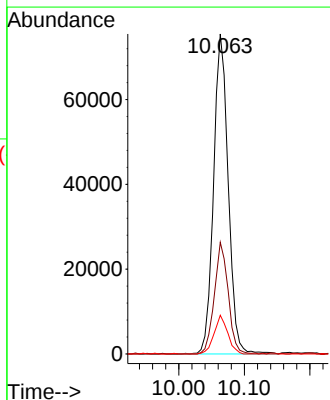
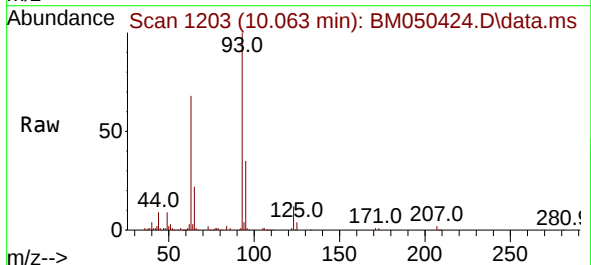
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2025

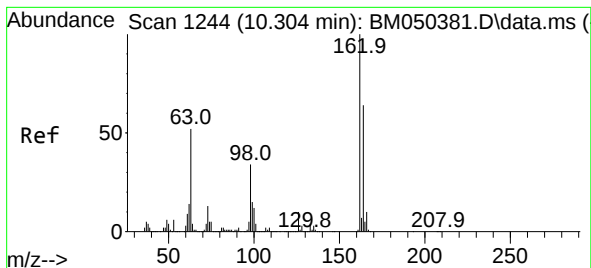
Tgt Ion:122 Resp: 79939
Ion Ratio Lower Upper
122 100
107 116.8 93.0 139.6
121 56.8 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 3.496 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 93 Resp: 116764
Ion Ratio Lower Upper
93 100
95 34.9 25.8 38.6
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 3.247 ng

RT: 10.299 min Scan# 1243

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

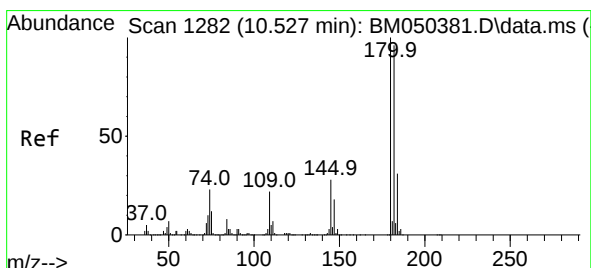
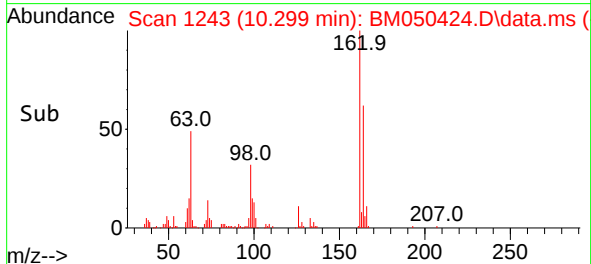
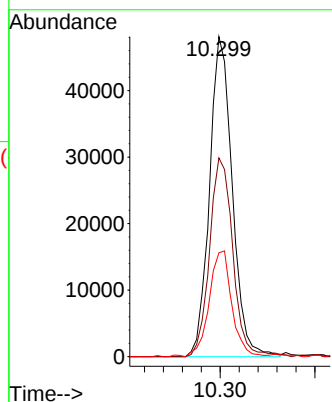
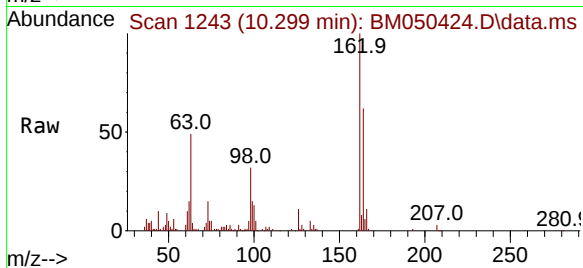
Tgt Ion:162 Resp: 80179

Ion Ratio Lower Upper

162 100

164 62.1 43.7 83.7

98 32.5 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 3.639 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

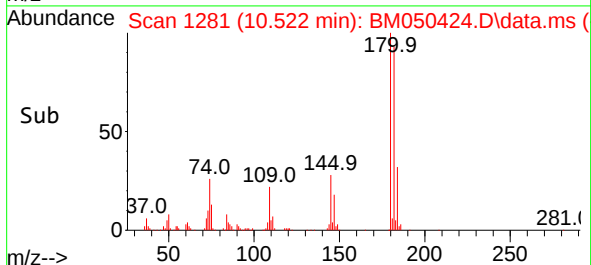
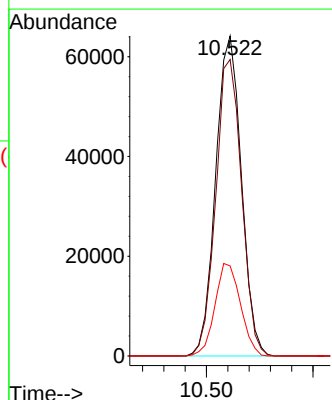
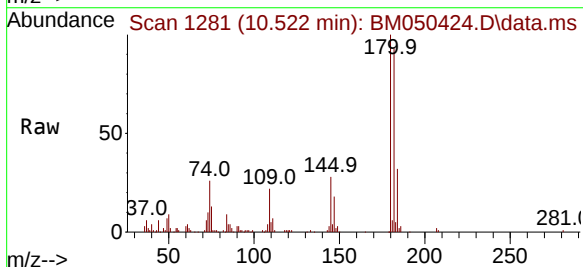
Tgt Ion:180 Resp: 107515

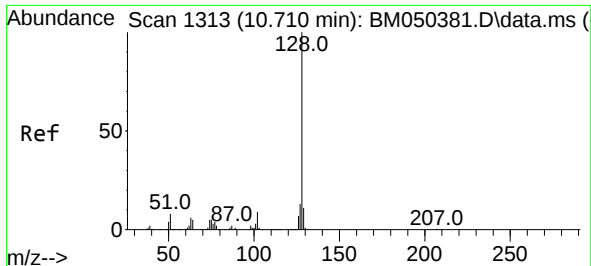
Ion Ratio Lower Upper

180 100

182 92.6 76.8 115.2

145 28.2 22.6 33.8

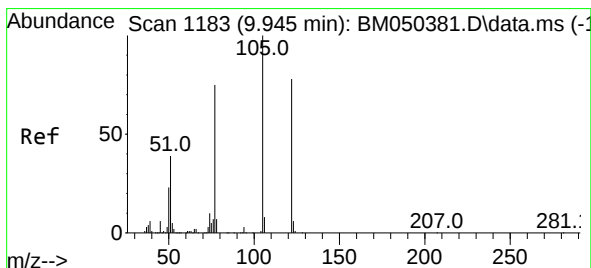
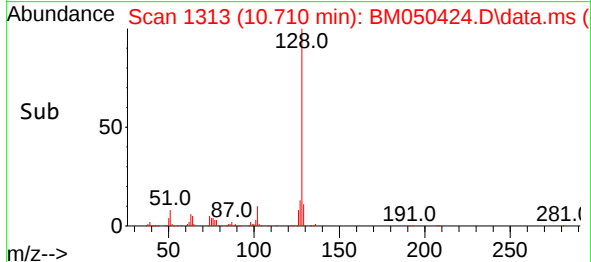
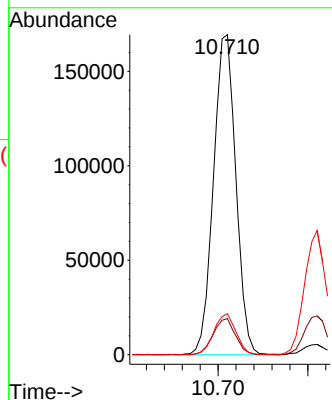
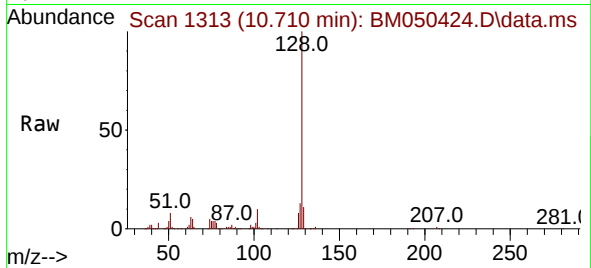




#31
Naphthalene
Concen: 3.641 ng
RT: 10.710 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

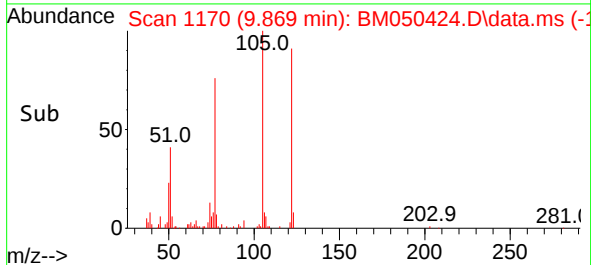
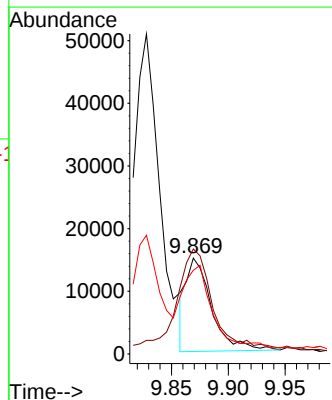
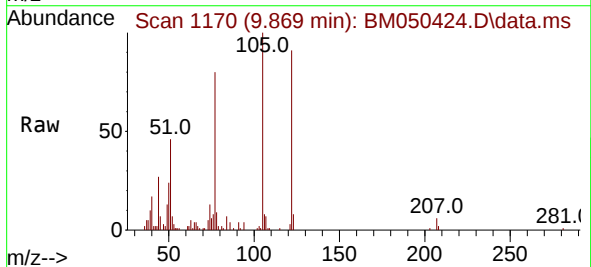
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

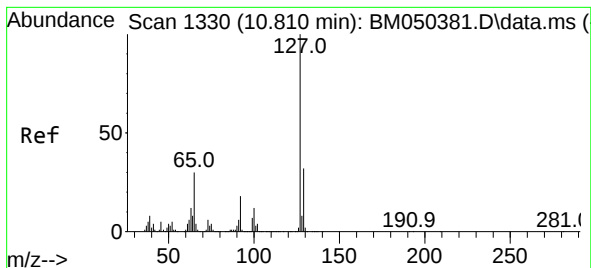
Tgt Ion:128 Resp: 293103
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 7.360 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.076 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:122 Resp: 23357
Ion Ratio Lower Upper
122 100
105 109.6 104.0 144.0
77 87.2 73.8 113.8





#33

4-Chloroaniline

Concen: 3.320 ng

RT: 10.810 min Scan# 11

Delta R.T. 0.001 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:127 Resp: 112981

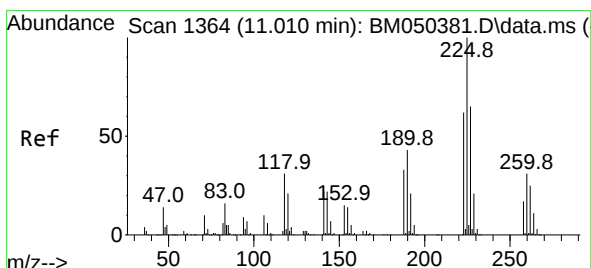
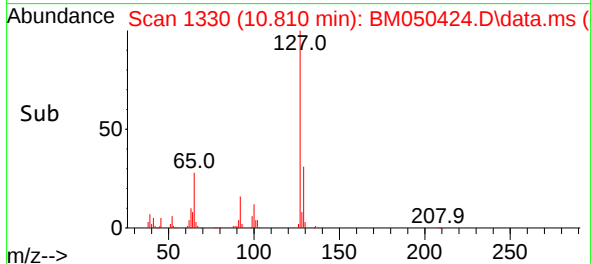
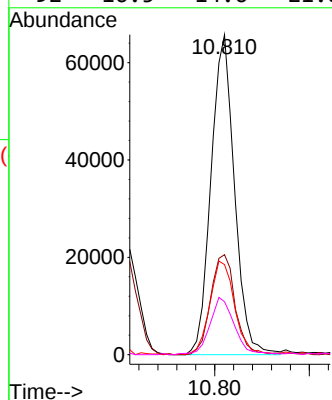
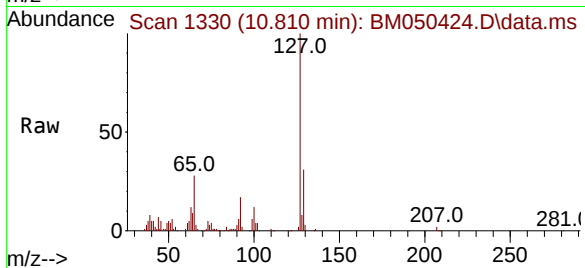
Ion Ratio Lower Upper

127 100

129 31.2 25.5 38.3

65 28.2 23.9 35.9

92 16.5 14.6 21.8



#34

Hexachlorobutadiene

Concen: 3.495 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

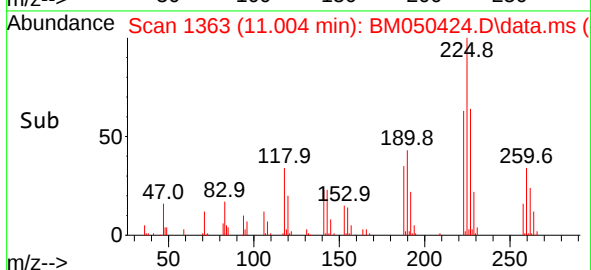
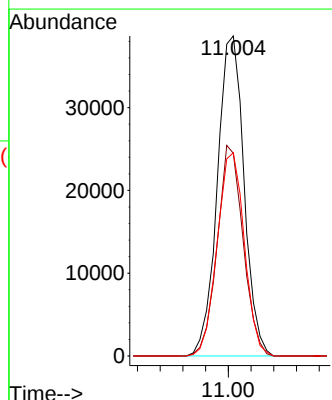
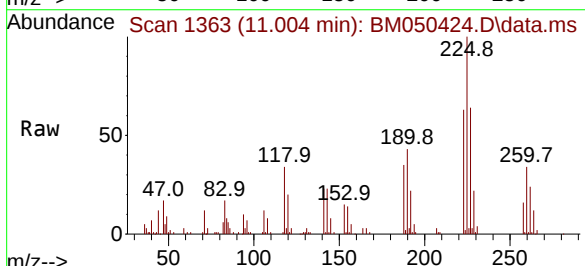
Tgt Ion:225 Resp: 63026

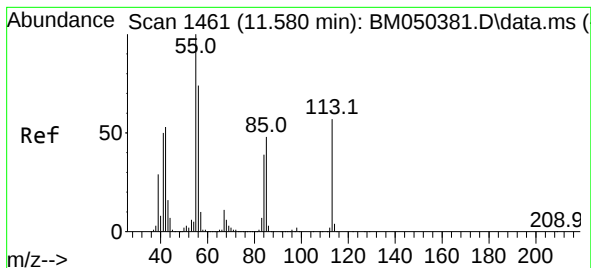
Ion Ratio Lower Upper

225 100

223 65.7 49.7 74.5

227 63.5 52.1 78.1

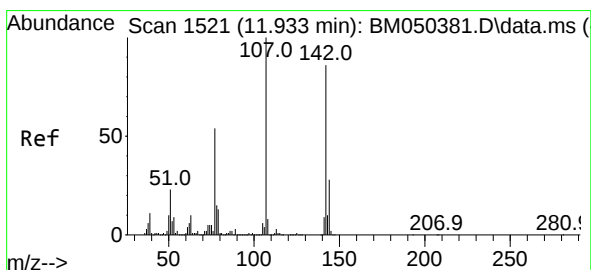
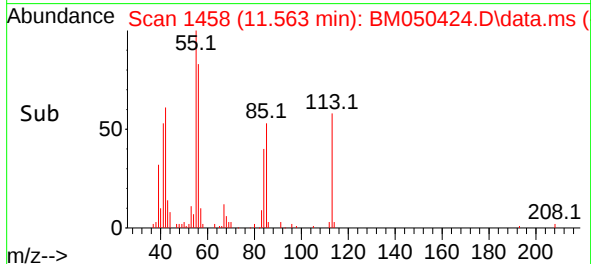
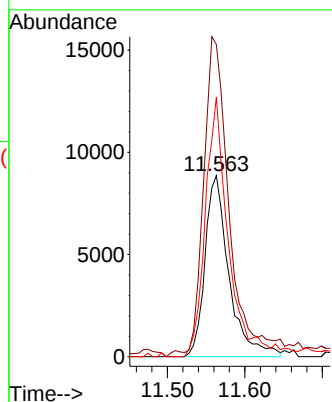
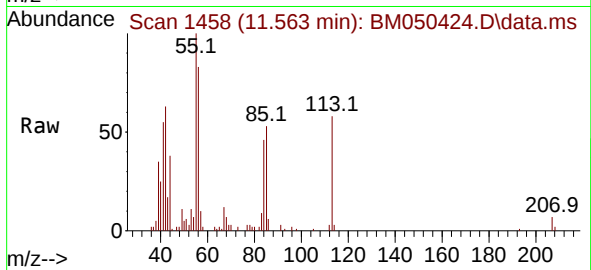




#35
 Caprolactam
 Concen: 2.822 ng
 RT: 11.563 min Scan# 1461
 Delta R.T. -0.017 min
 Lab File: BM050424.D
 Acq: 14 Jul 2025 13:31

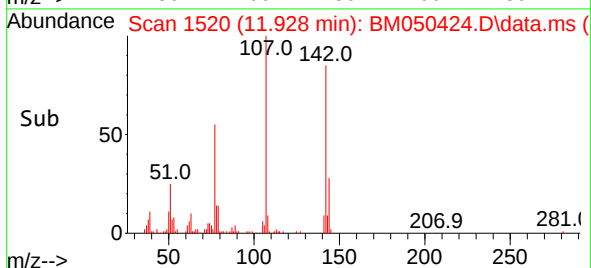
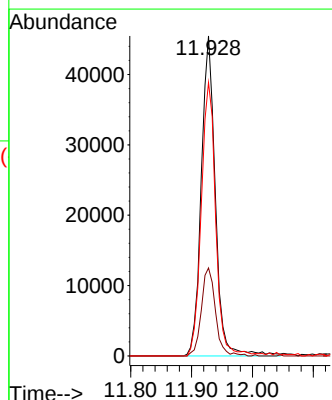
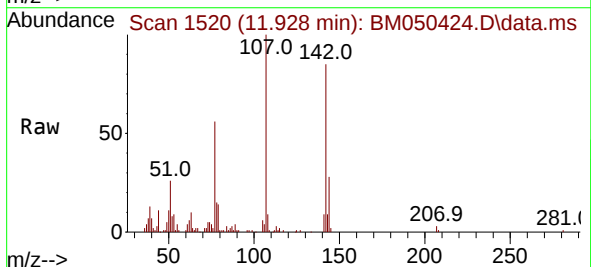
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2025

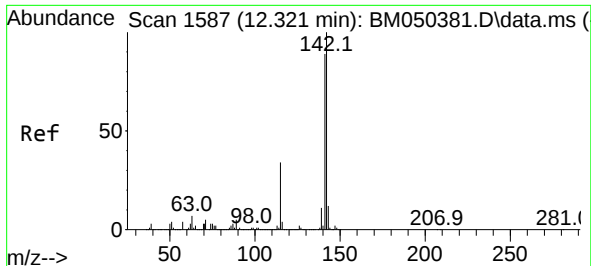
Tgt Ion:113 Resp: 19024
 Ion Ratio Lower Upper
 113 100
 55 172.3 157.2 197.2
 56 143.4 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 3.170 ng
 RT: 11.928 min Scan# 1520
 Delta R.T. -0.005 min
 Lab File: BM050424.D
 Acq: 14 Jul 2025 13:31

Tgt Ion:107 Resp: 73112
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.2 33.4
 142 85.5 68.7 103.1

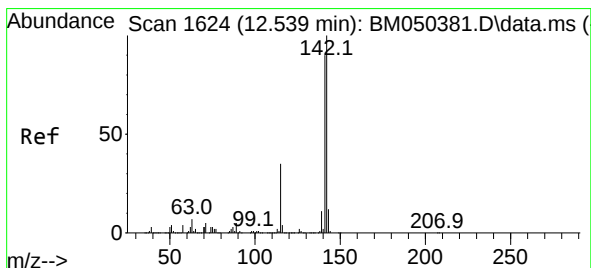
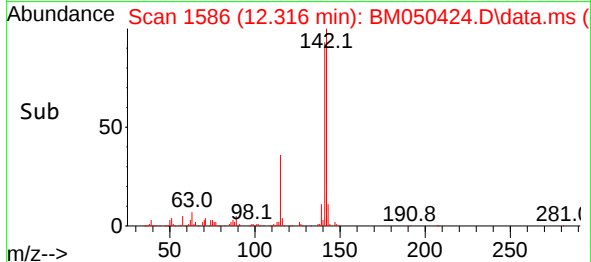
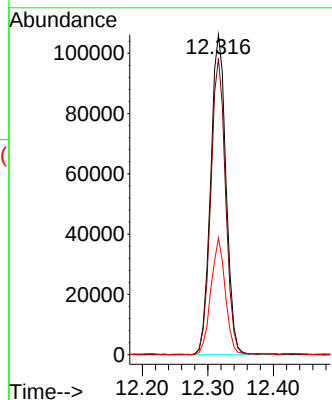
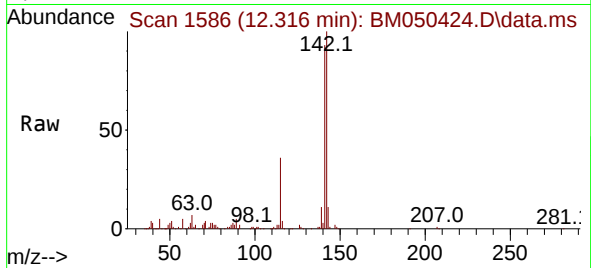




#37
2-Methylnaphthalene
Concen: 3.410 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

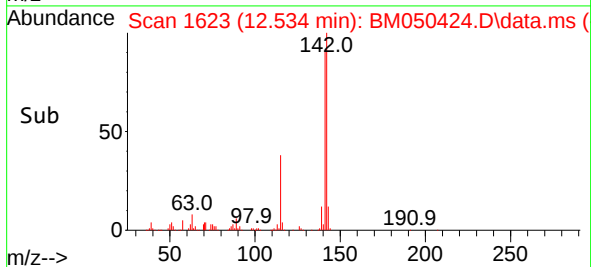
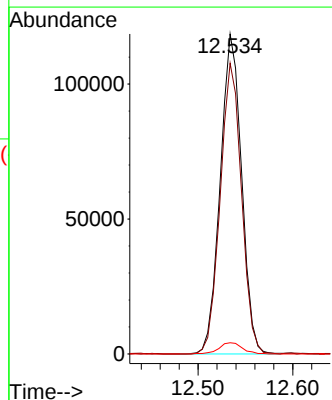
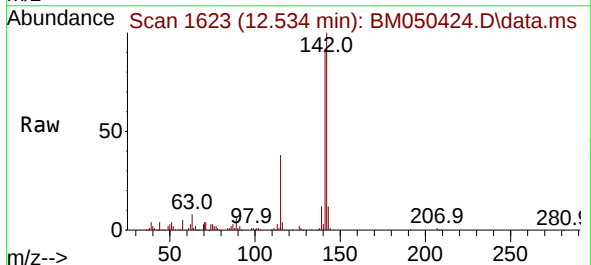
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2025

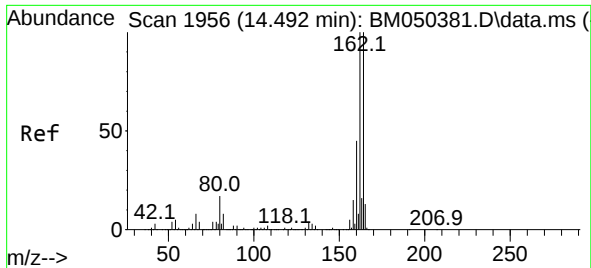
Tgt Ion:142 Resp: 173321
Ion Ratio Lower Upper
142 100
141 92.6 70.8 106.2
115 36.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 3.455 ng
RT: 12.534 min Scan# 1623
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:142 Resp: 185802
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9
116 3.5 3.0 4.6

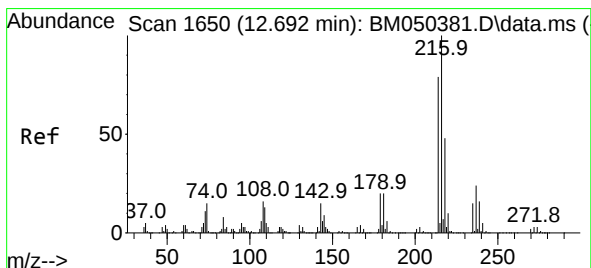
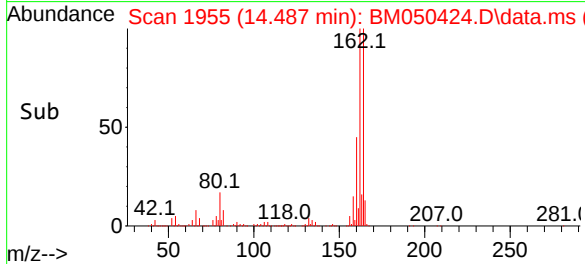
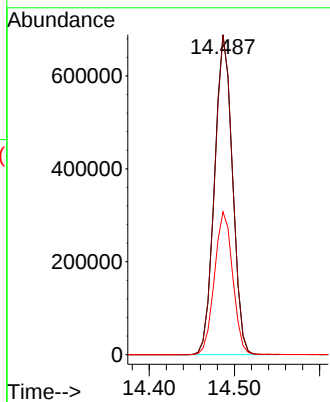
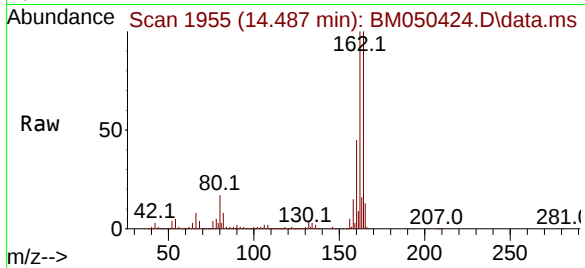




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

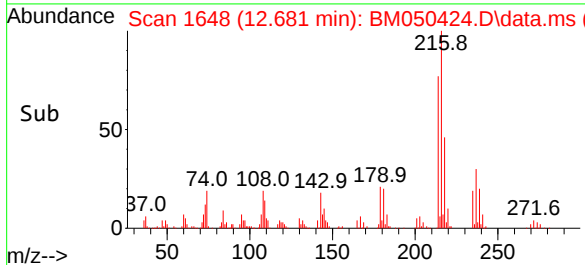
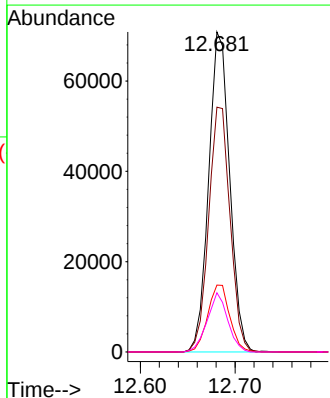
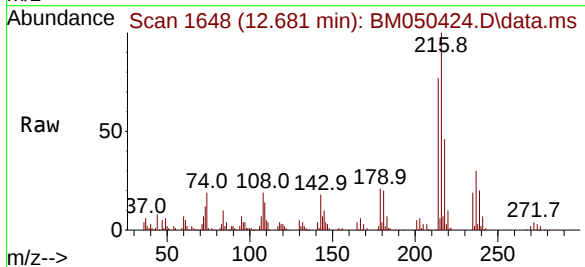
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

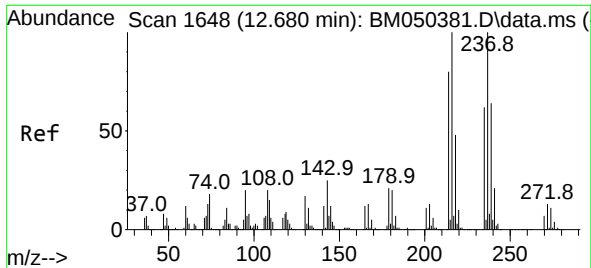
Tgt Ion:164 Resp: 1009003
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.406 ng
RT: 12.681 min Scan# 1648
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:216 Resp: 109285
Ion Ratio Lower Upper
216 100
214 77.9 63.3 94.9
179 21.9 16.4 24.6
108 18.1 13.9 20.9

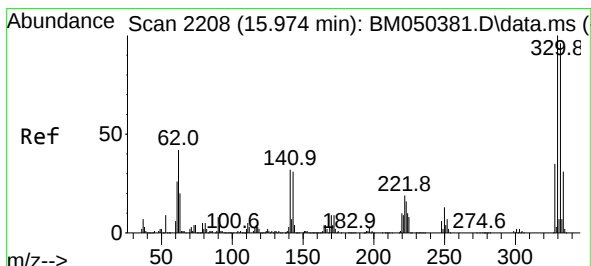
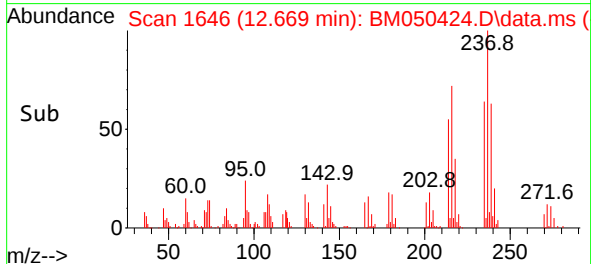
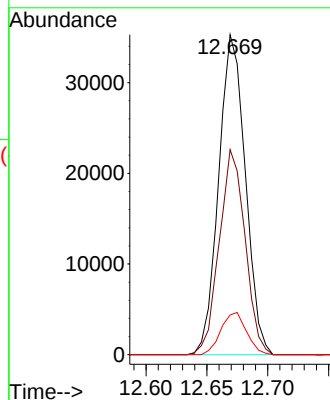
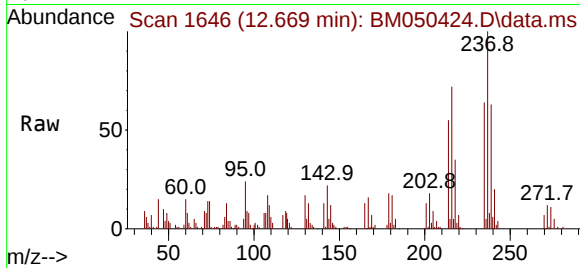




#41
Hexachlorocyclopentadiene
Concen: 2.621 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

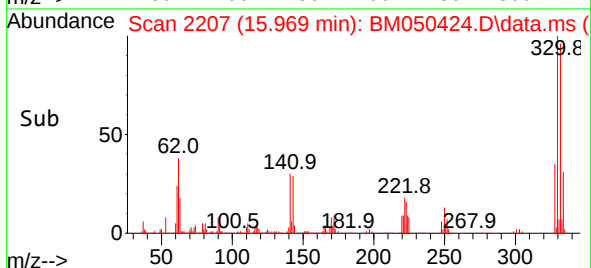
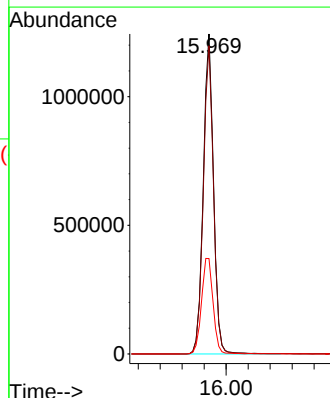
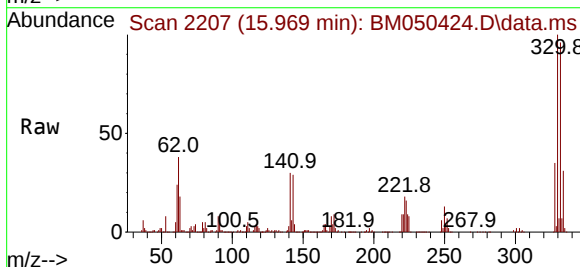
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

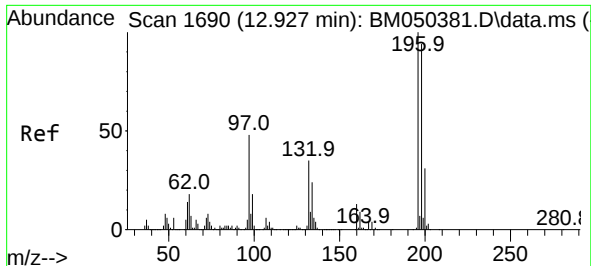
Tgt Ion:237 Resp: 53757
Ion Ratio Lower Upper
237 100
235 64.1 42.3 82.3
272 12.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 131.262 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:330 Resp: 1609209
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.8 27.4 41.0

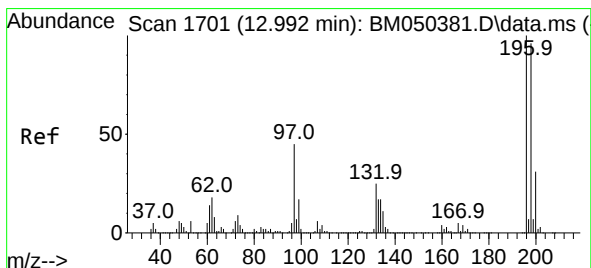
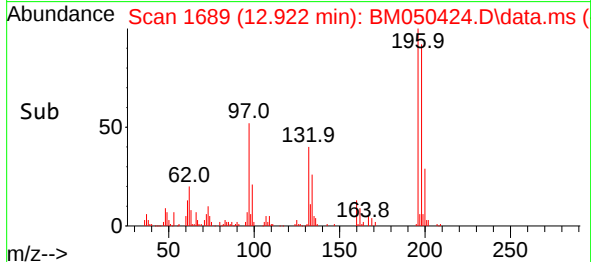
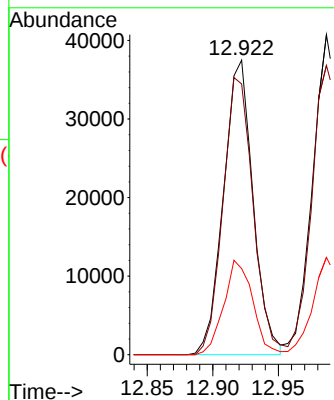
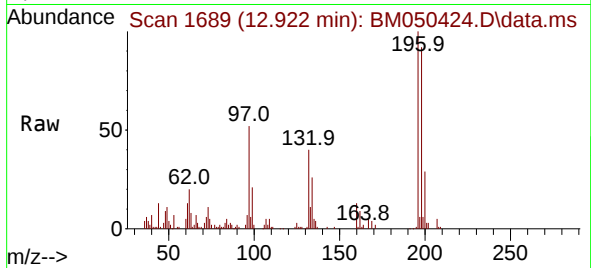




#43
2,4,6-Trichlorophenol
Concen: 2.976 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

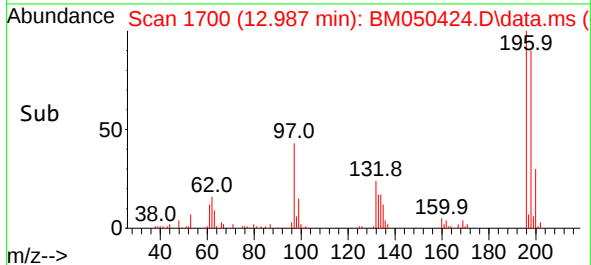
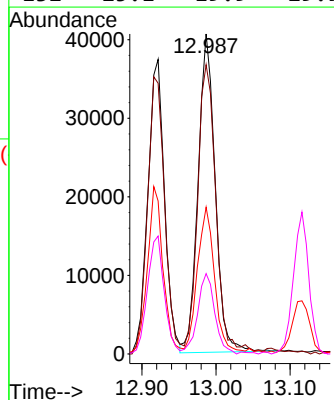
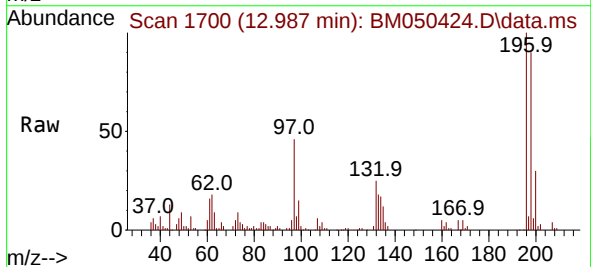
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

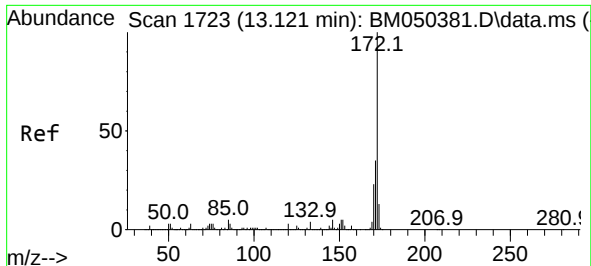
Tgt Ion:196 Resp: 58778
Ion Ratio Lower Upper
196 100
198 91.9 75.1 112.7
200 29.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 3.017 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:196 Resp: 65075
Ion Ratio Lower Upper
196 100
198 90.4 77.2 115.8
97 45.9 36.2 54.4
132 25.1 19.9 29.9

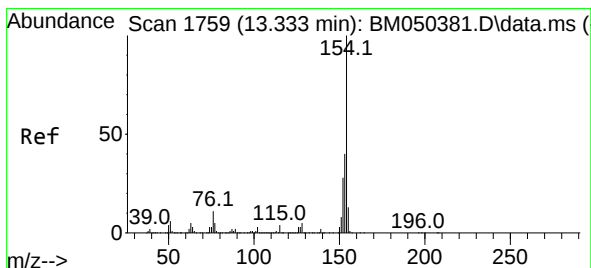
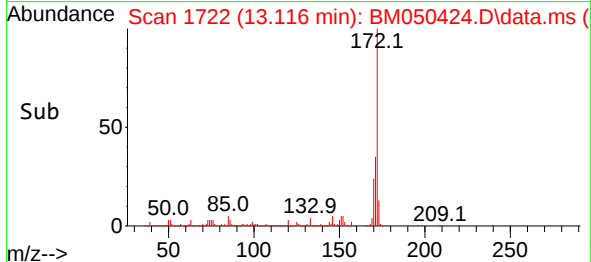
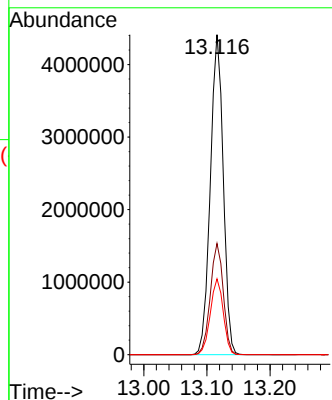
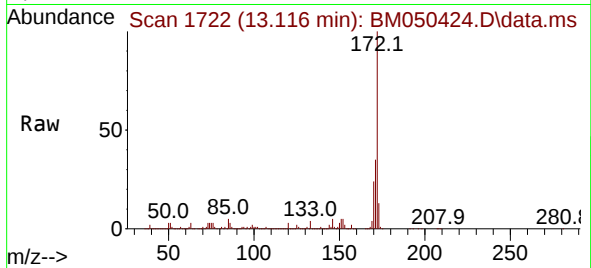




#45
2-Fluorobiphenyl
Concen: 76.541 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

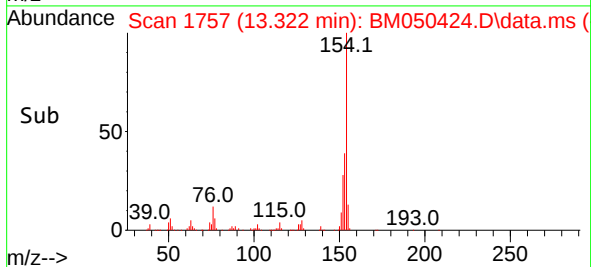
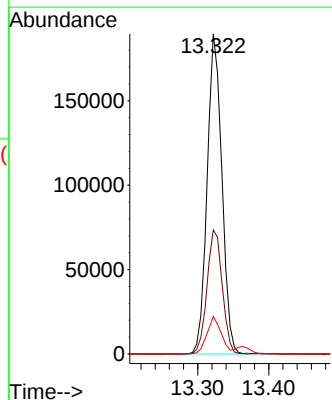
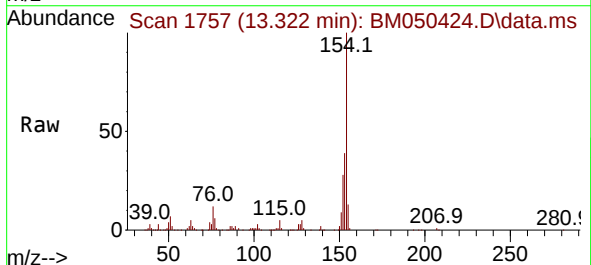
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

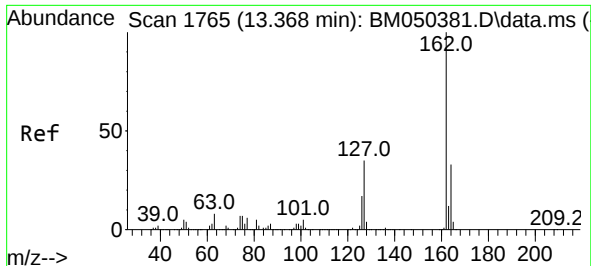
Tgt Ion:172 Resp: 6253804
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 3.652 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:154 Resp: 273411
Ion Ratio Lower Upper
154 100
153 38.8 19.7 59.7
76 11.7 0.0 30.9

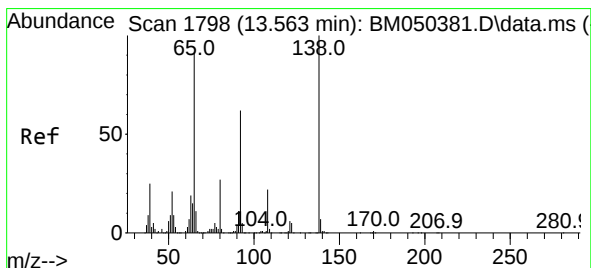
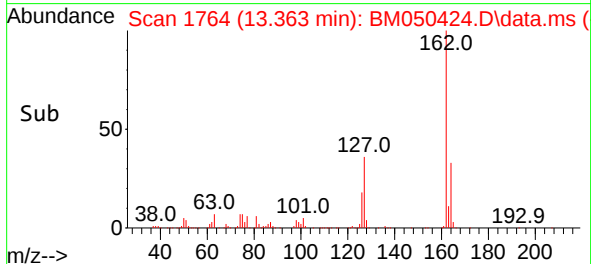
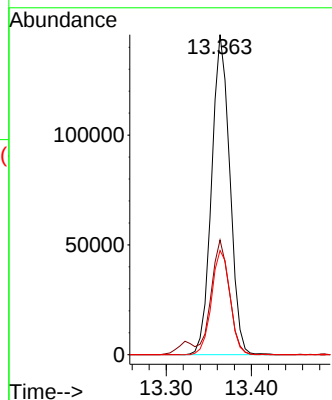
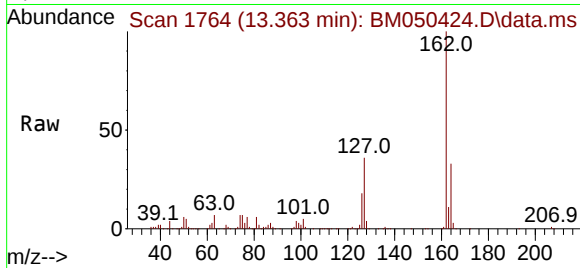




#47
2-Chloronaphthalene
Concen: 3.626 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

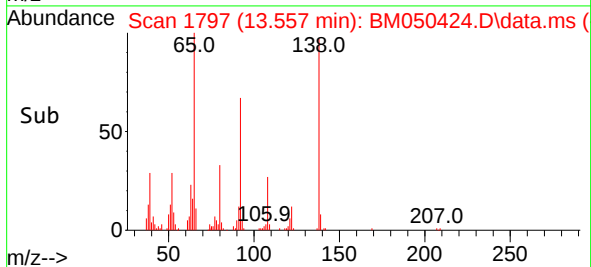
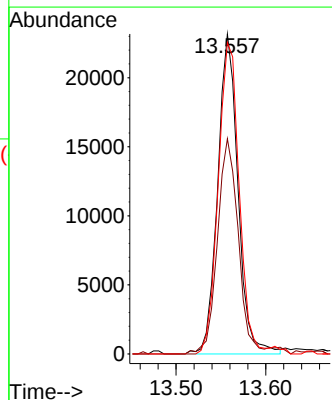
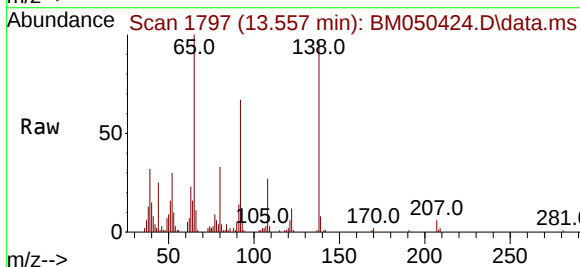
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

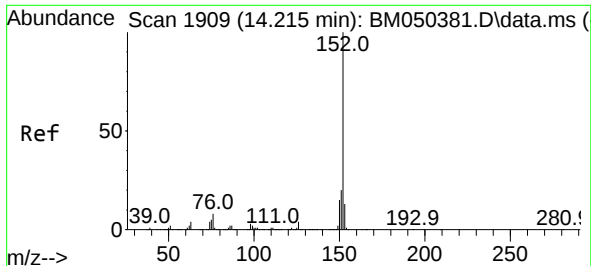
Tgt Ion:162 Resp: 216423
Ion Ratio Lower Upper
162 100
127 35.8 28.3 42.5
164 32.6 26.6 40.0



#48
2-Nitroaniline
Concen: 2.731 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 65 Resp: 36389
Ion Ratio Lower Upper
65 100
92 67.3 54.3 81.5
138 97.3 87.8 131.6

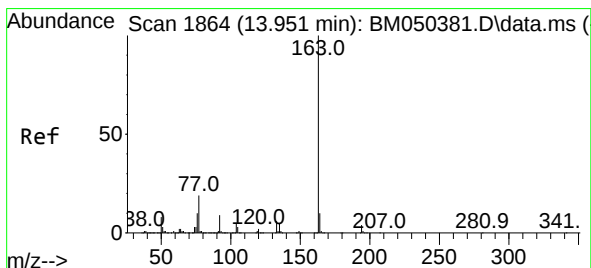
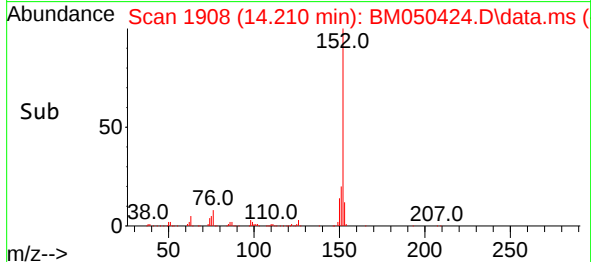
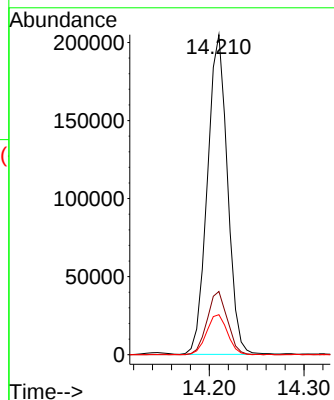
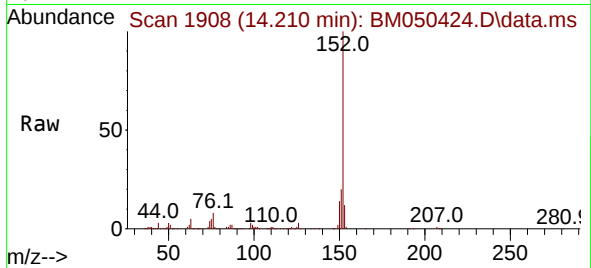




#49
Acenaphthylene
Concen: 3.337 ng
RT: 14.210 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

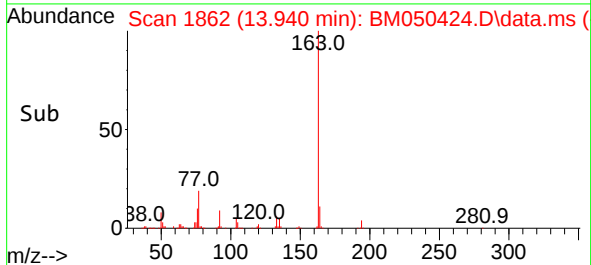
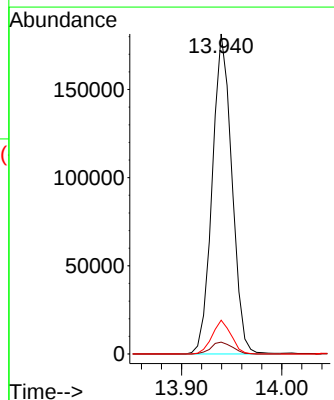
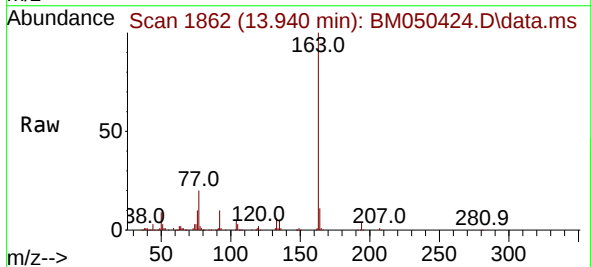
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

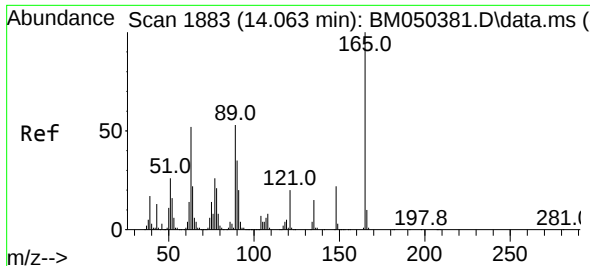
Tgt Ion:152 Resp: 301007
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 12.5 10.6 15.8



#50
Dimethylphthalate
Concen: 3.554 ng
RT: 13.940 min Scan# 1862
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:163 Resp: 246918
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.5 8.2 12.2

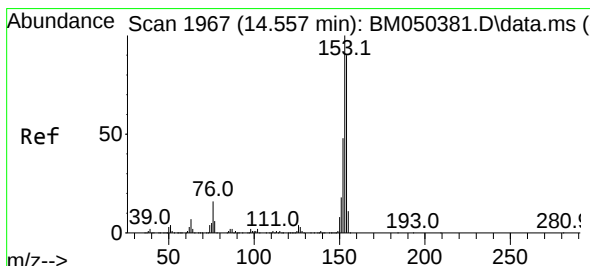
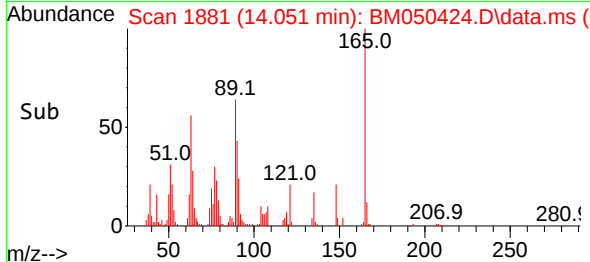
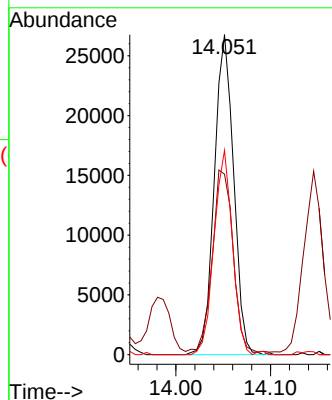
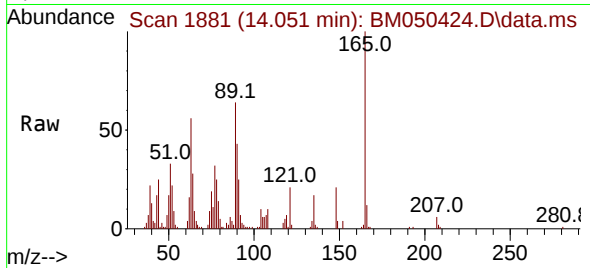




#51
2,6-Dinitrotoluene
Concen: 2.840 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

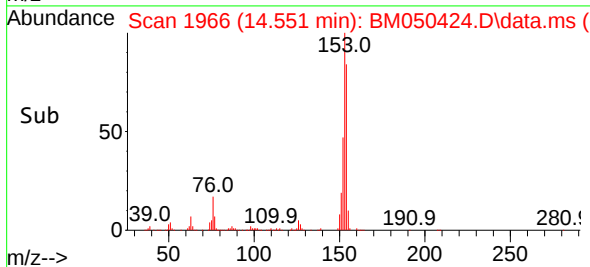
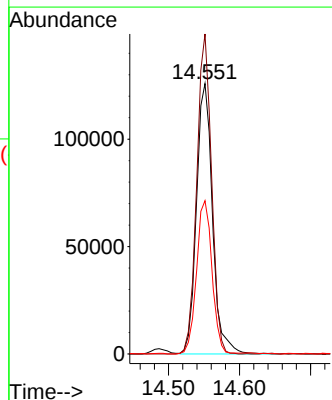
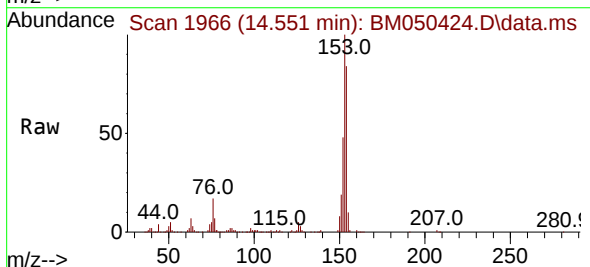
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

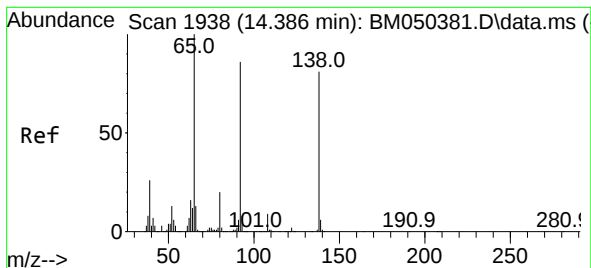
Tgt Ion:165 Resp: 37877
Ion Ratio Lower Upper
165 100
63 56.4 42.4 63.6
89 63.8 42.2 63.2#



#52
Acenaphthene
Concen: 3.451 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:154 Resp: 197894
Ion Ratio Lower Upper
154 100
153 118.4 89.2 133.8
152 56.7 42.6 64.0





#53

3-Nitroaniline

Concen: 2.764 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

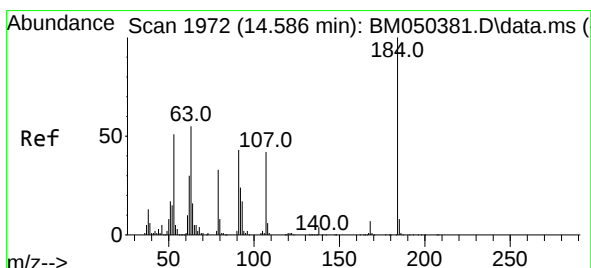
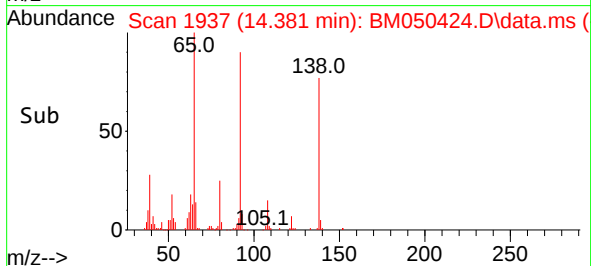
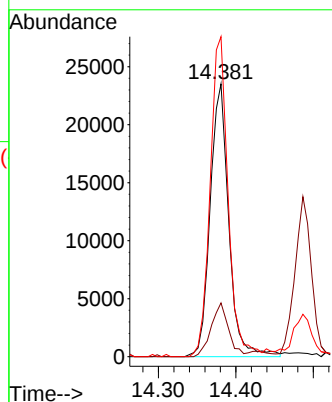
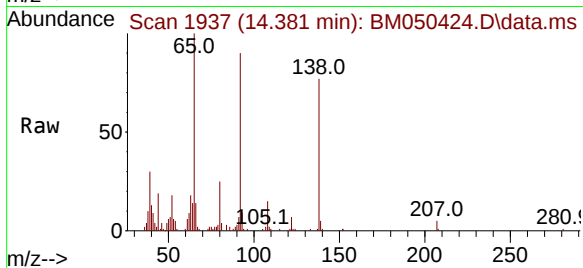
Tgt Ion:138 Resp: 39205

Ion Ratio Lower Upper

138 100

108 19.7 8.8 13.2#

92 117.3 85.0 127.6



#54

2,4-Dinitrophenol

Concen: 7.880 ng

RT: 14.581 min Scan# 1971

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

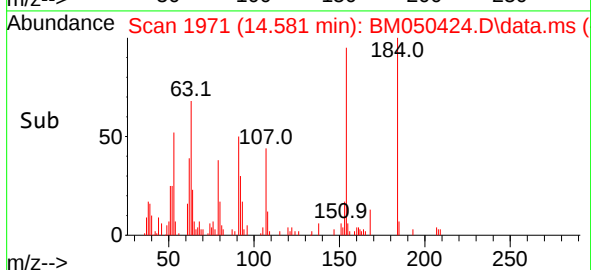
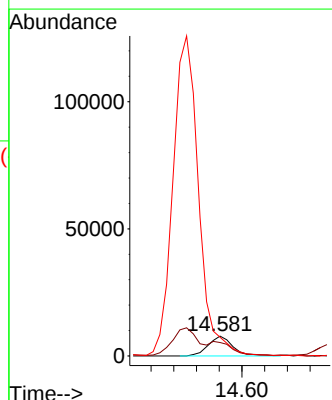
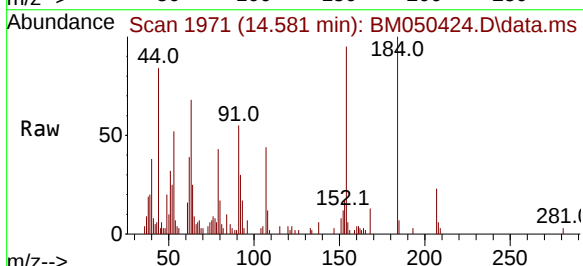
Tgt Ion:184 Resp: 11782

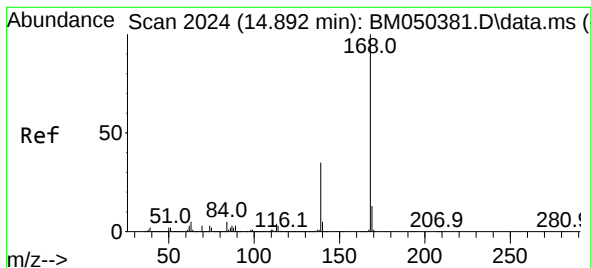
Ion Ratio Lower Upper

184 100

63 68.1 53.4 80.0

154 94.9 61.6 92.4#





#55

Dibenzofuran

Concen: 3.635 ng

RT: 14.881 min Scan# 20

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

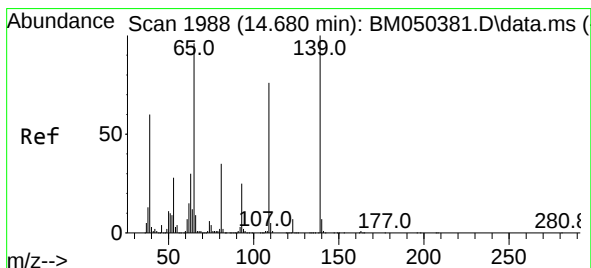
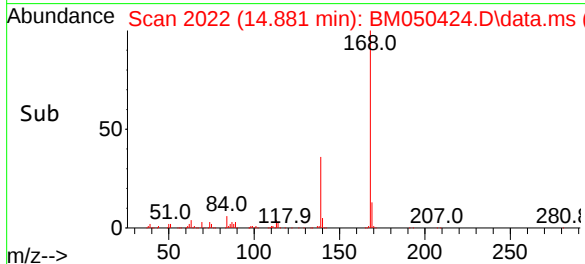
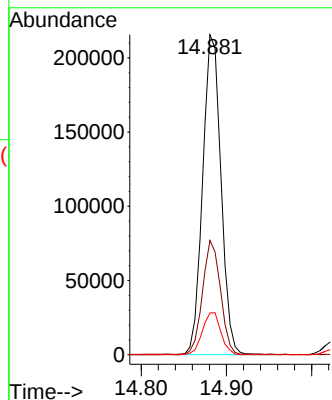
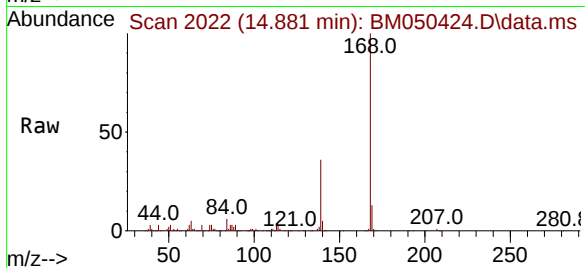
Tgt Ion:168 Resp: 321190

Ion Ratio Lower Upper

168 100

139 35.7 27.7 41.5

169 13.1 10.7 16.1



#56

4-Nitrophenol

Concen: 2.335 ng

RT: 14.681 min Scan# 1988

Delta R.T. 0.001 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

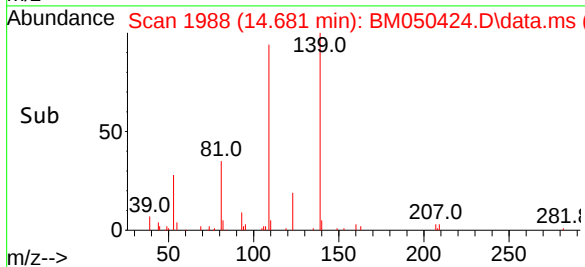
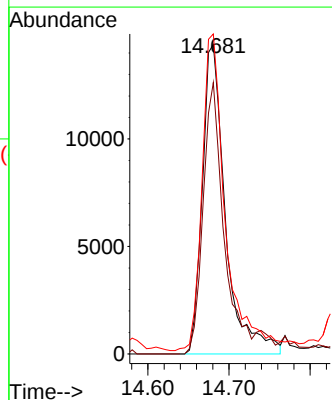
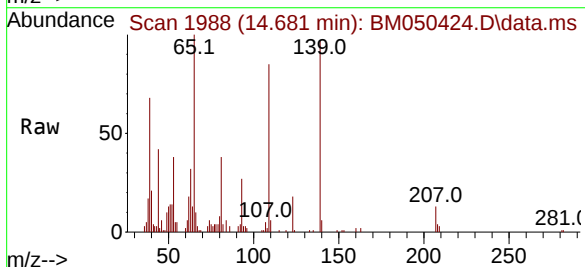
Tgt Ion:139 Resp: 28489

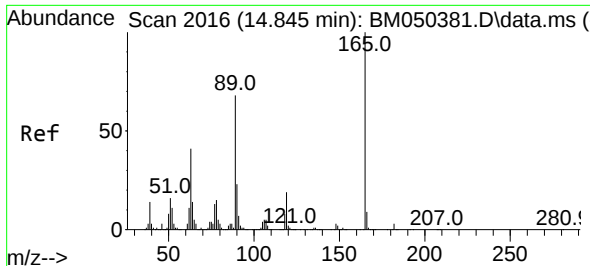
Ion Ratio Lower Upper

139 100

109 87.6 56.5 96.5

65 103.3 76.4 116.4

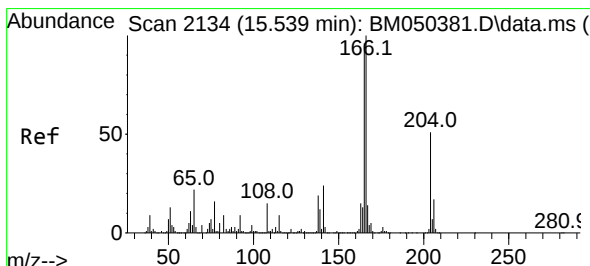
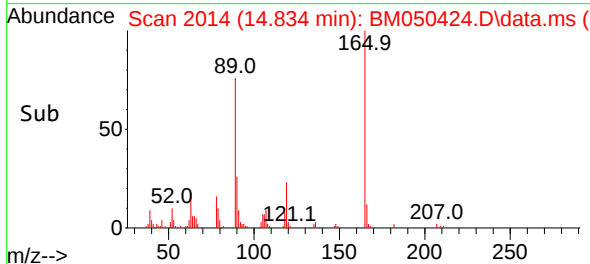
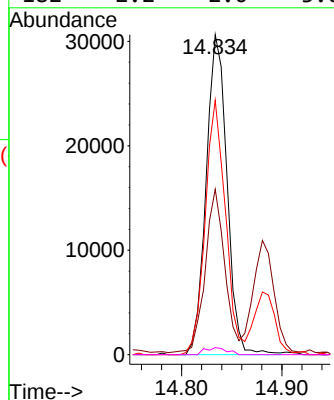
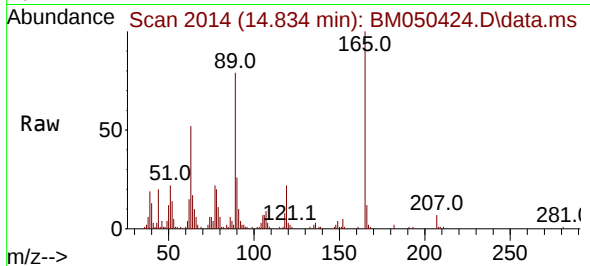




#57
2,4-Dinitrotoluene
Concen: 4.823 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

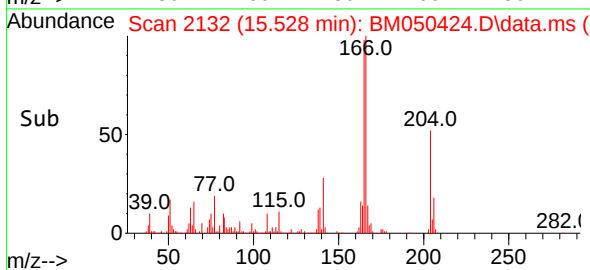
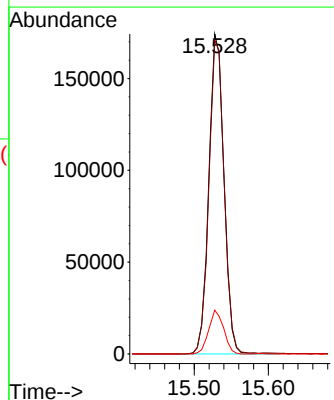
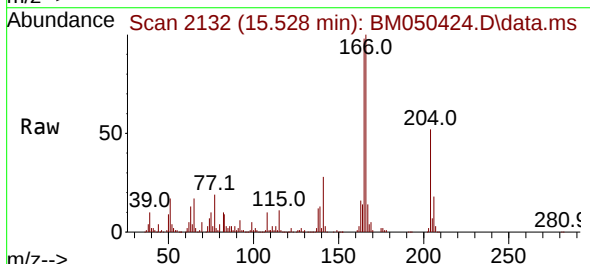
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

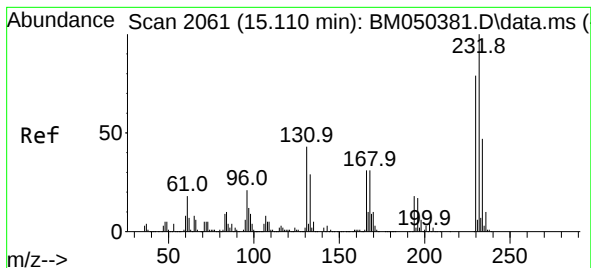
Tgt Ion:165 Resp: 44432
Ion Ratio Lower Upper
165 100
63 51.7 32.5 48.7#
89 79.5 54.0 81.0
182 2.2 2.0 3.0



#58
Fluorene
Concen: 3.395 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:166 Resp: 247123
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.6
167 13.7 10.9 16.3

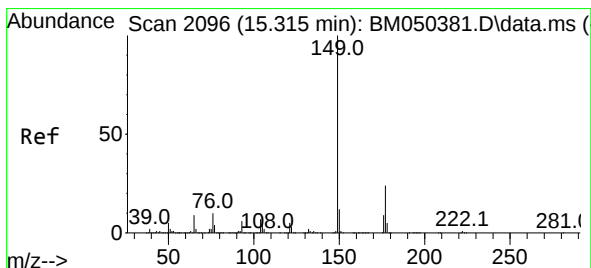
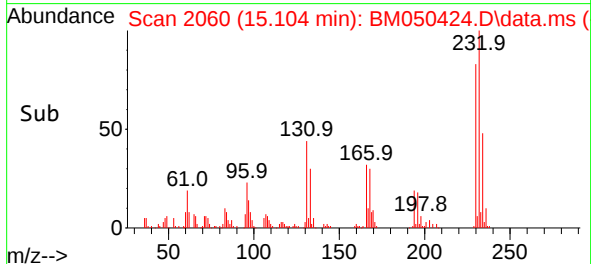
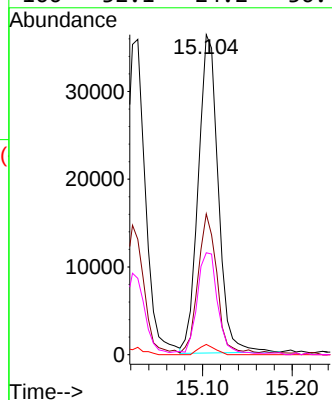
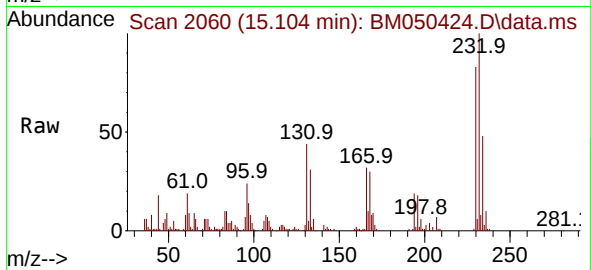




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.093 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

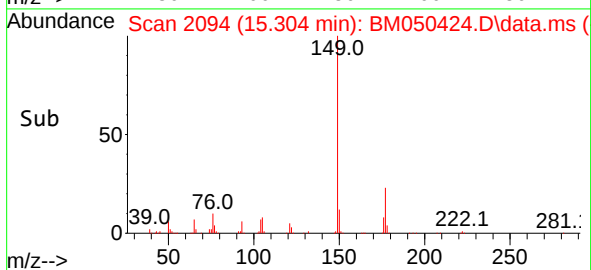
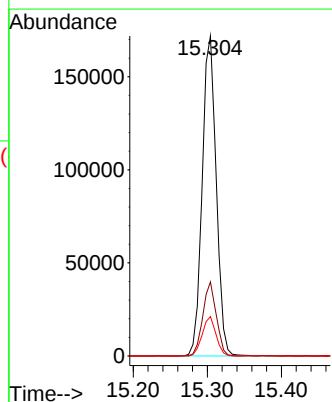
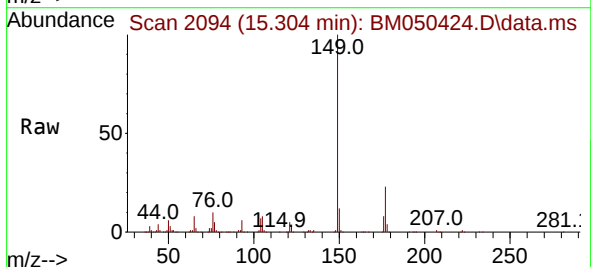
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

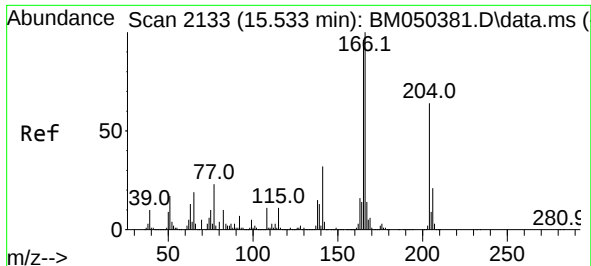
Tgt Ion:232 Resp: 56165
Ion Ratio Lower Upper
232 100
131 40.9 33.4 50.0
130 2.6 1.8 2.6
166 32.1 24.2 36.4



#60
Diethylphthalate
Concen: 3.403 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:149 Resp: 225831
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 12.3 9.8 14.8

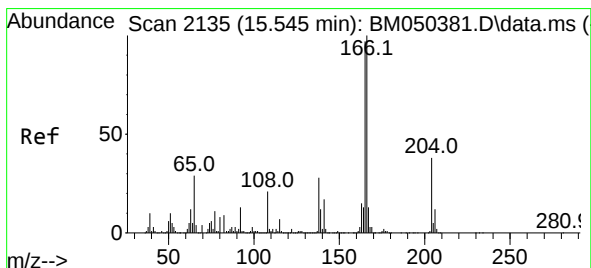
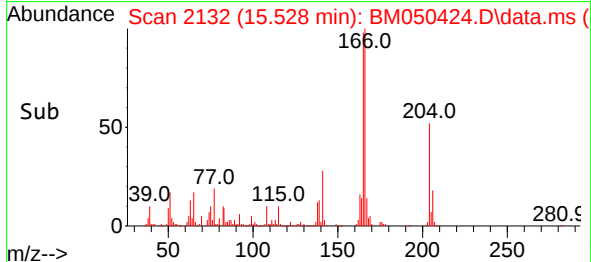
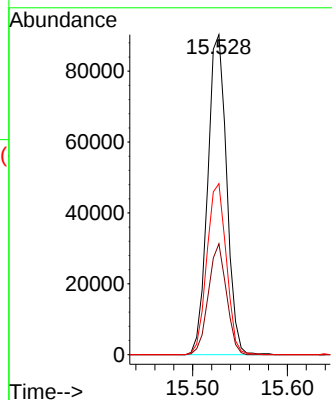
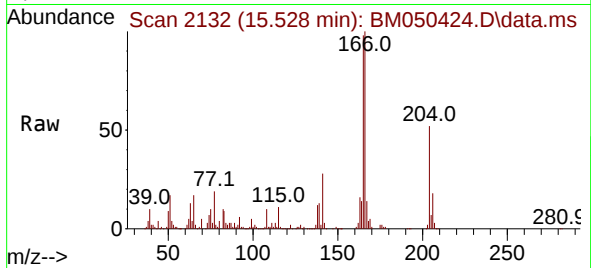




#61
4-Chlorophenyl-phenylether
Concen: 3.288 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

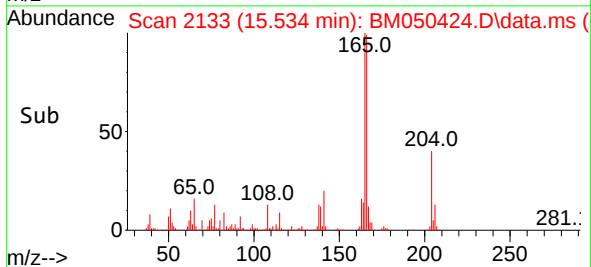
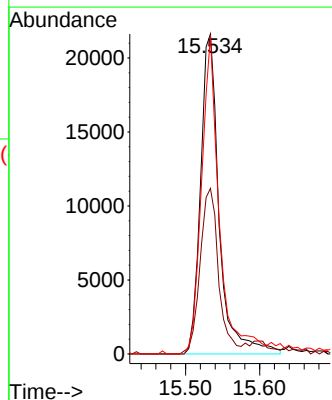
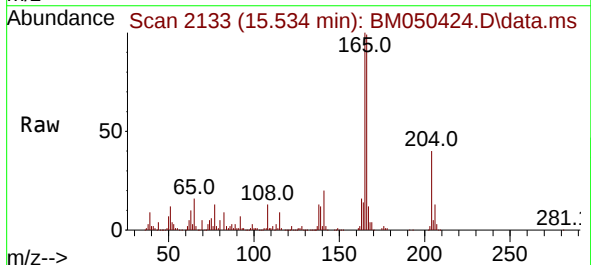
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

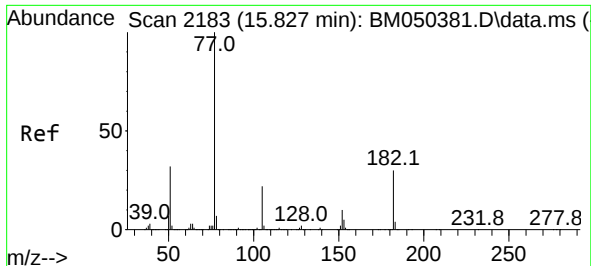
Tgt Ion:204 Resp: 125132
Ion Ratio Lower Upper
204 100
206 34.7 26.6 39.8
141 53.5 39.9 59.9



#62
4-Nitroaniline
Concen: 4.773 ng
RT: 15.534 min Scan# 2133
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:138 Resp: 37682
Ion Ratio Lower Upper
138 100
92 51.8 24.5 64.5
108 99.5 52.5 92.5#

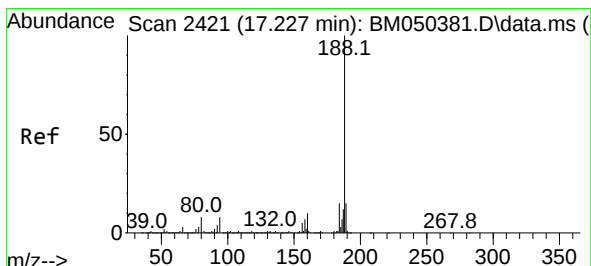
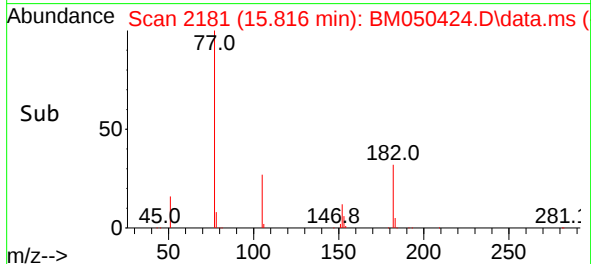
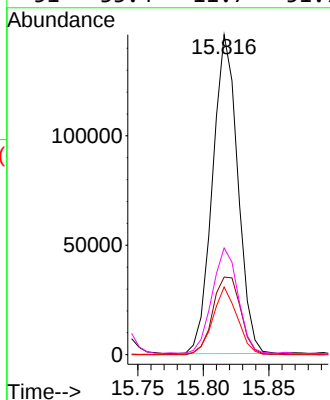
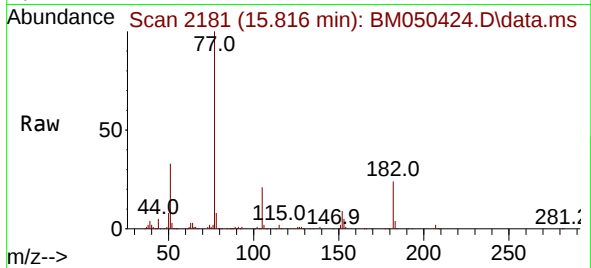




#63
Azobenzene
Concen: 3.200 ng
RT: 15.816 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

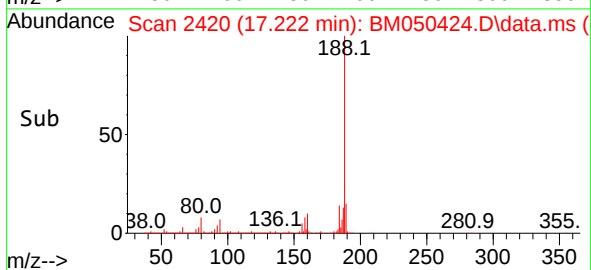
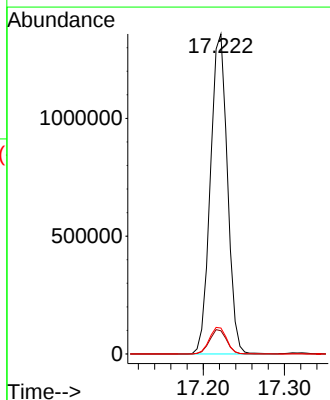
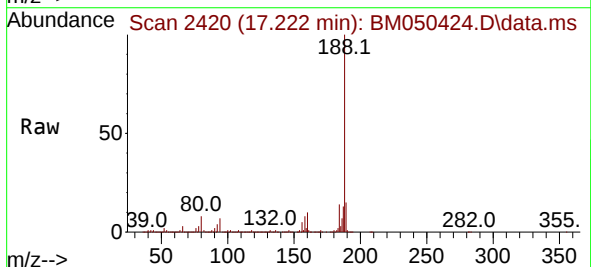
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

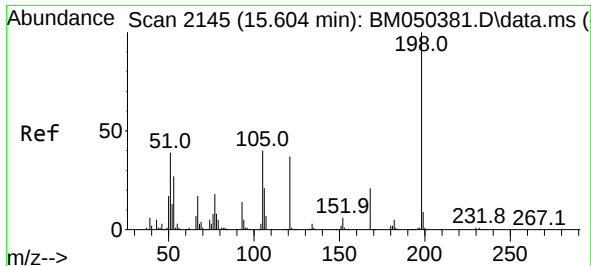
Tgt Ion: 77	Resp: 194962
Ion Ratio	Lower Upper
77 100	
182 24.3	10.0 50.0
105 21.1	2.0 42.0
51 33.4	11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:188	Resp: 1975642		
Ion Ratio	Lower	Upper	
188 100			
94 7.3	6.0	9.0	
80 8.1	6.5	9.7	

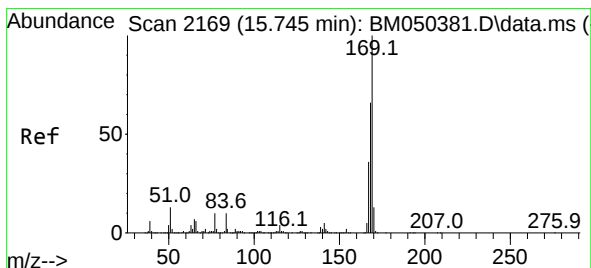
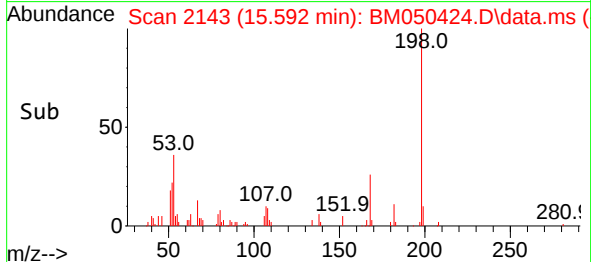
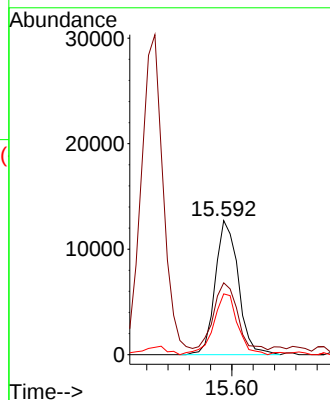
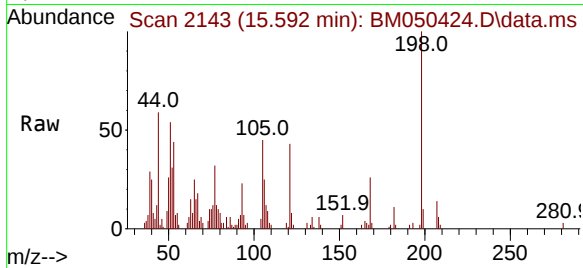




#65
4,6-Dinitro-2-methylphenol
Concen: 7.858 ng
RT: 15.592 min Scan# 2143
Delta R.T. -0.012 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

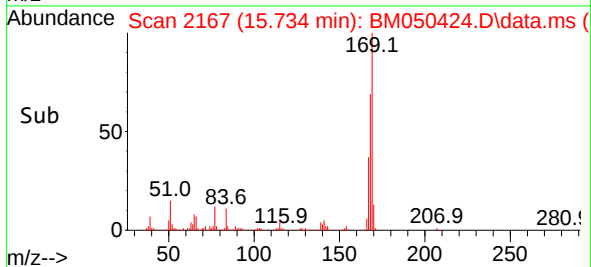
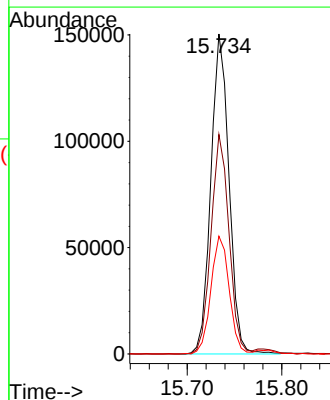
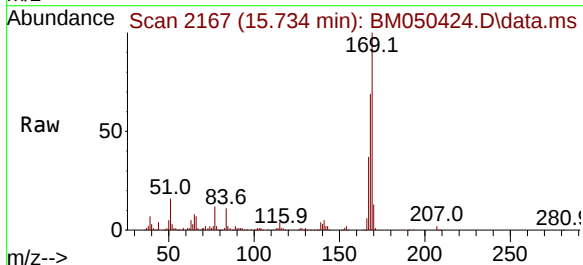
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

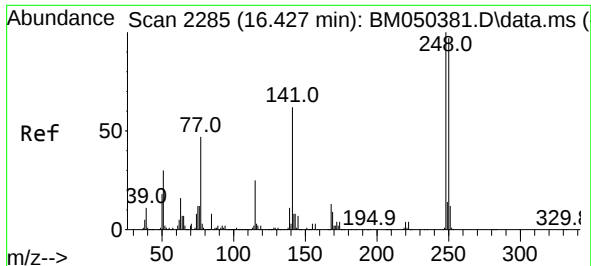
Tgt Ion:198 Resp: 19023
Ion Ratio Lower Upper
198 100
51 53.6 26.6 66.6
105 45.4 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 3.229 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:169 Resp: 199597
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 36.8 28.7 43.1

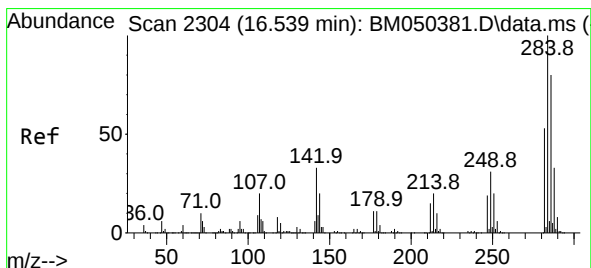
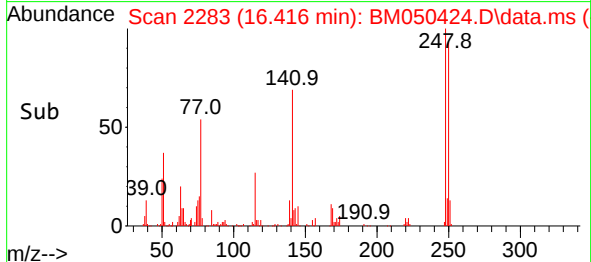
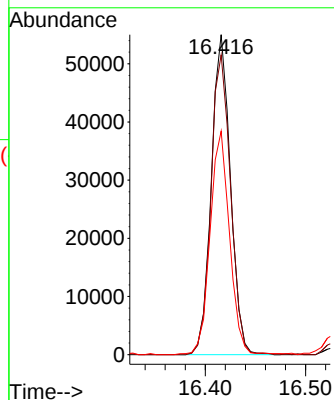
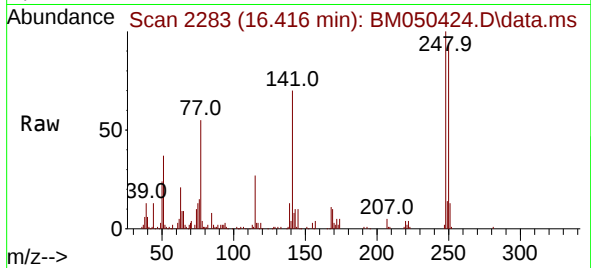




#67
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

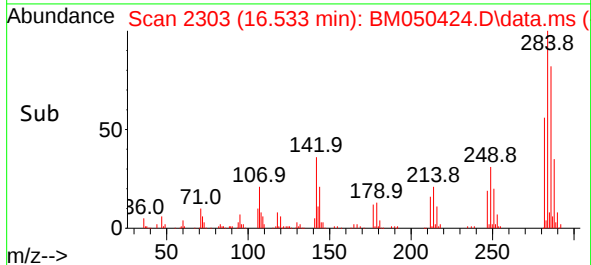
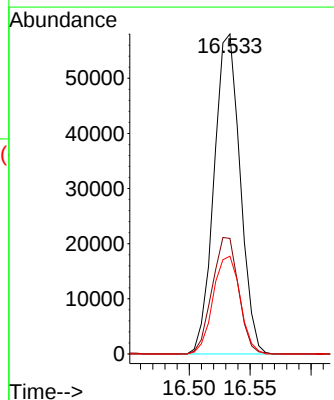
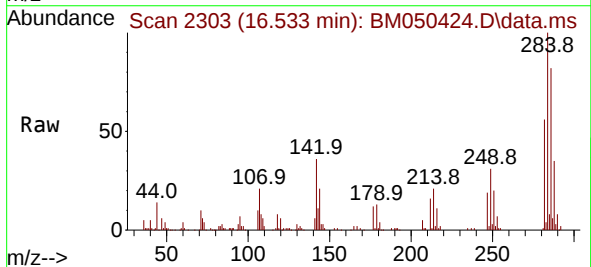
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

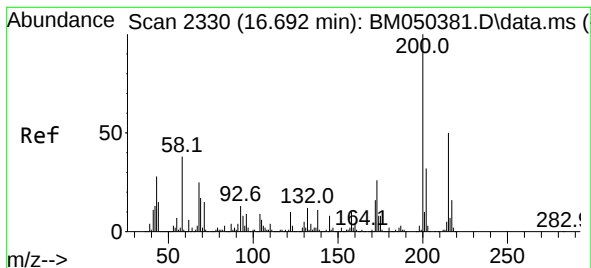
Tgt Ion:248 Resp: 72790
Ion Ratio Lower Upper
248 100
250 93.7 77.9 116.9
141 69.9 49.7 74.5



#68
Hexachlorobenzene
Concen: 3.367 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:284 Resp: 86558
Ion Ratio Lower Upper
284 100
142 36.1 26.8 40.2
249 30.6 24.5 36.7





#69

Atrazine

Concen: 3.070 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

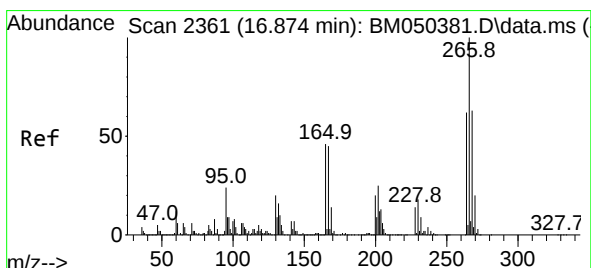
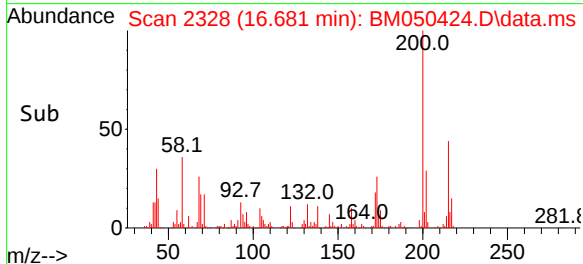
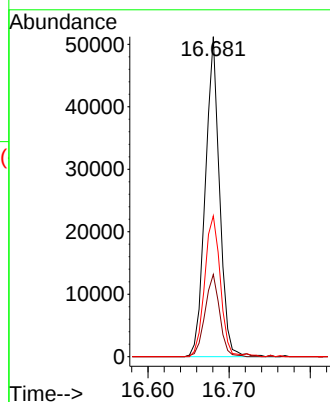
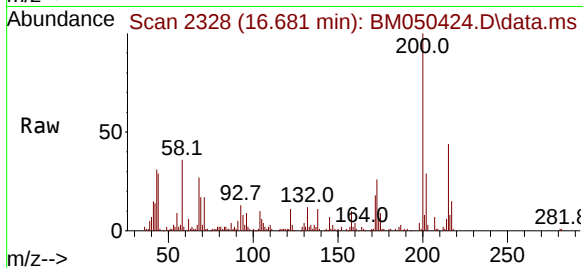
Tgt Ion:200 Resp: 62330

Ion Ratio Lower Upper

200 100

173 25.7 5.6 45.6

215 44.0 29.6 69.6



#70

Pentachlorophenol

Concen: 2.604 ng

RT: 16.869 min Scan# 2360

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

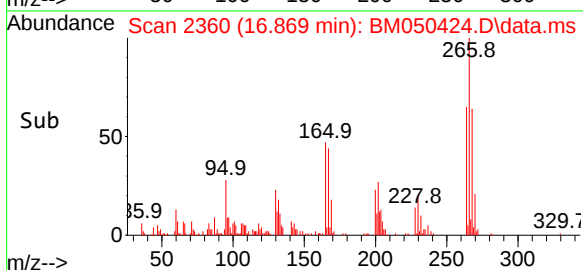
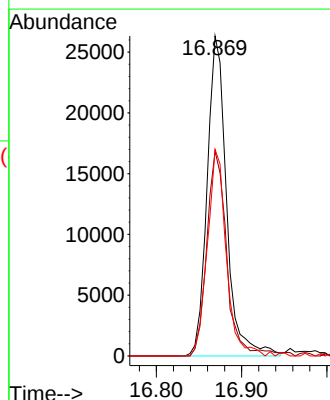
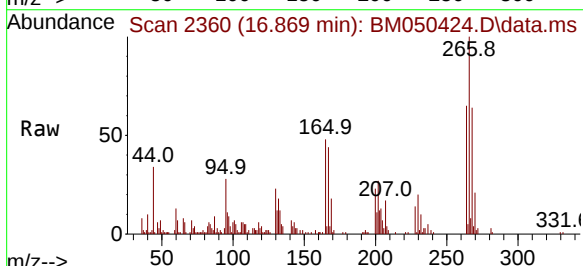
Tgt Ion:266 Resp: 41682

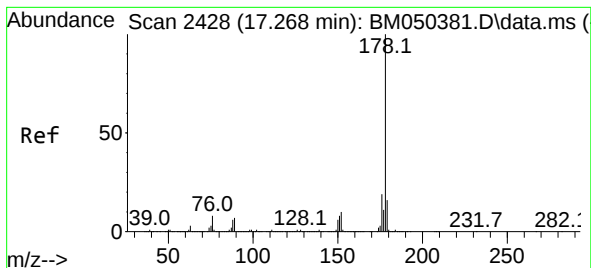
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 64.5 49.9 74.9





#71

Phenanthrene

Concen: 3.554 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

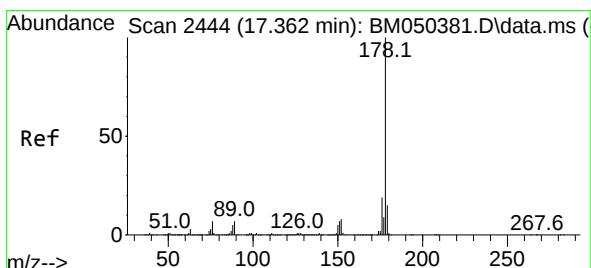
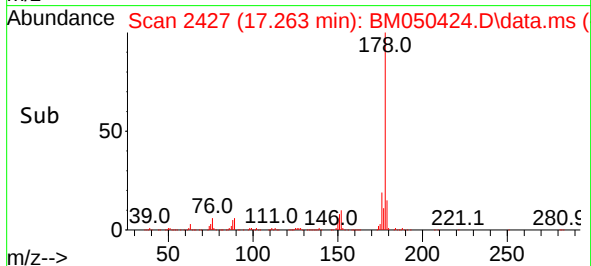
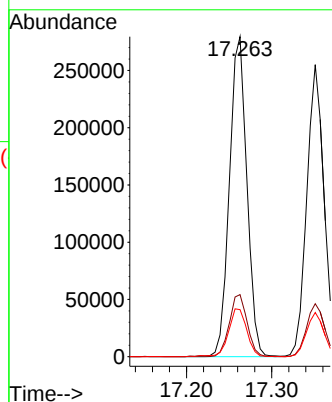
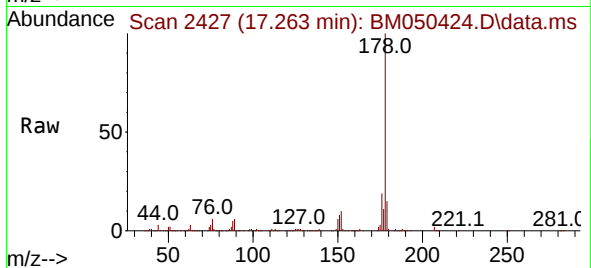
Tgt Ion:178 Resp: 397302

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 14.7 12.5 18.7



#72

Anthracene

Concen: 3.279 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

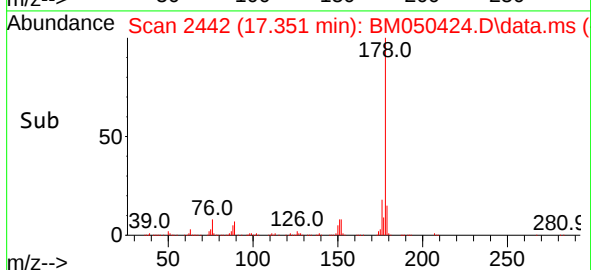
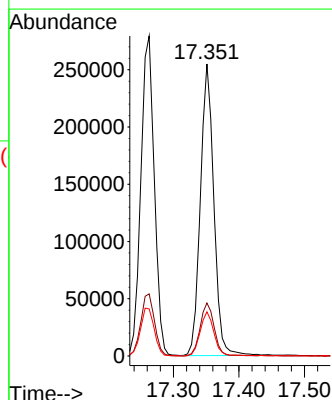
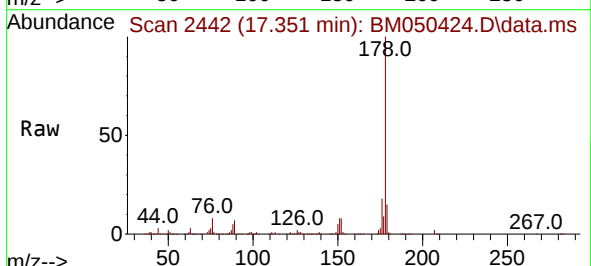
Tgt Ion:178 Resp: 364910

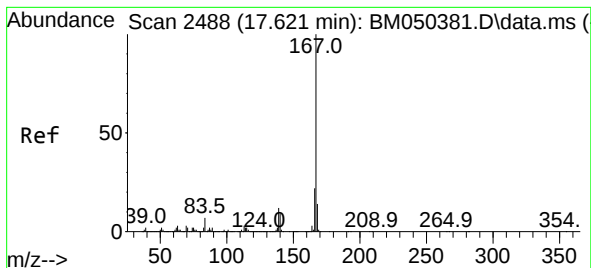
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.1 12.2 18.4





#73

Carbazole

Concen: 3.372 ng

RT: 17.616 min Scan# 24

Delta R.T. -0.005 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

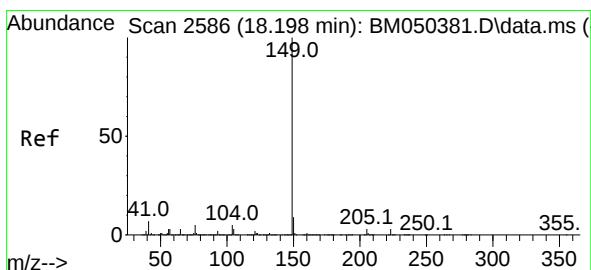
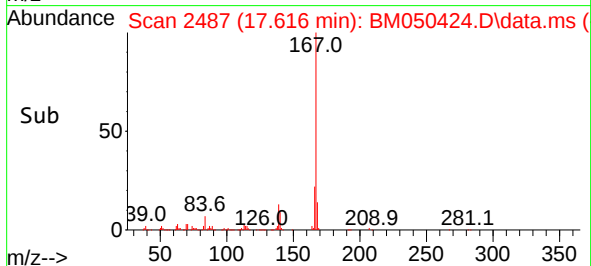
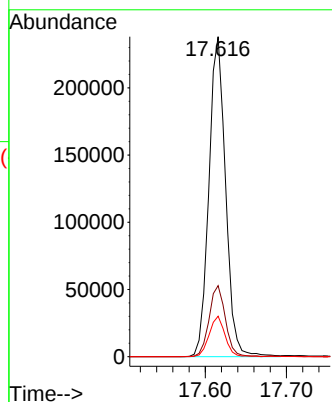
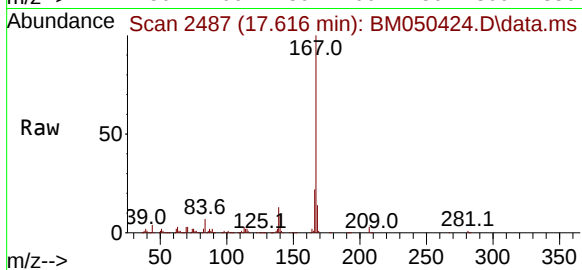
Tgt Ion:167 Resp: 339520

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

139 12.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 2.924 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

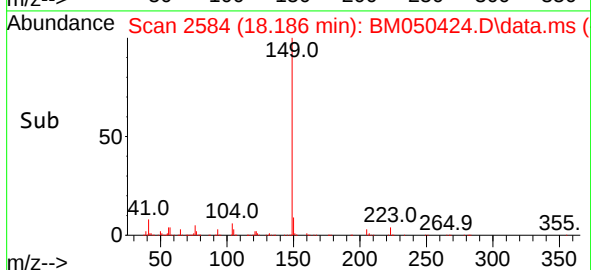
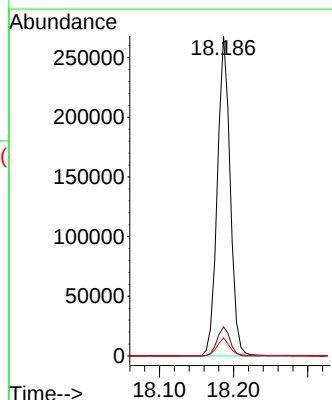
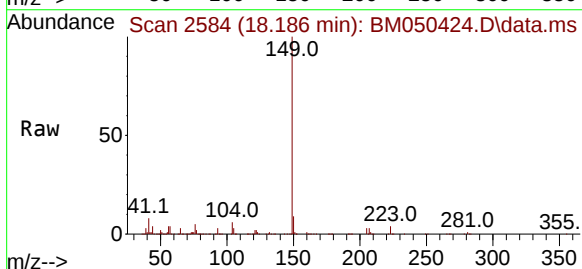
Tgt Ion:149 Resp: 322280

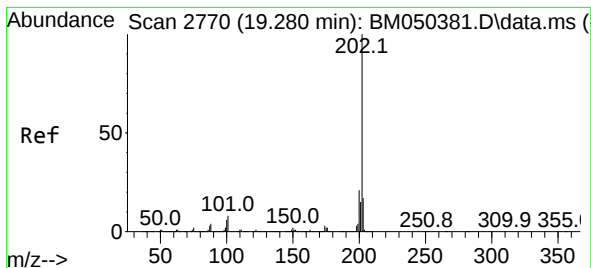
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.6 3.9 5.9





#75

Fluoranthene

Concen: 3.302 ng

RT: 19.269 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

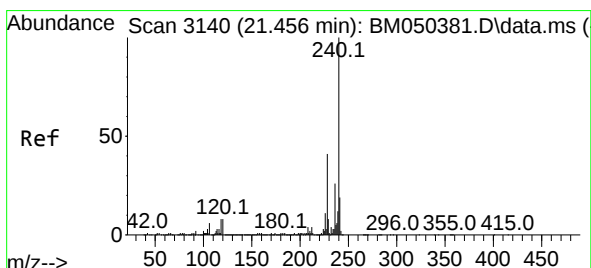
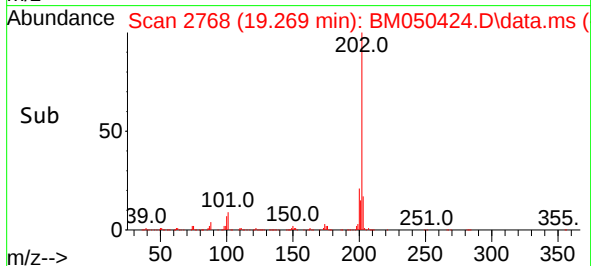
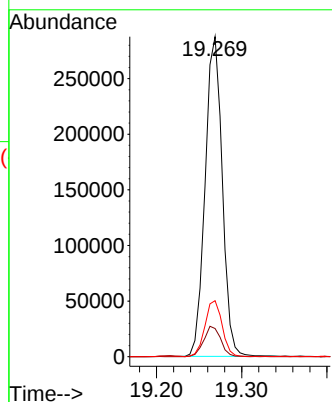
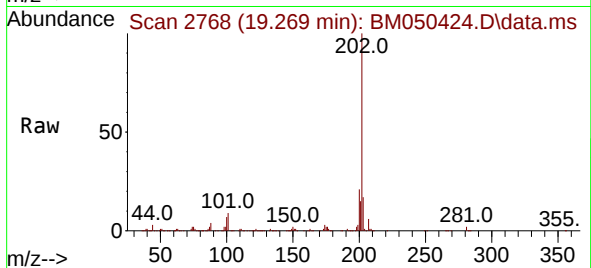
Tgt Ion:202 Resp: 401242

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3138

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

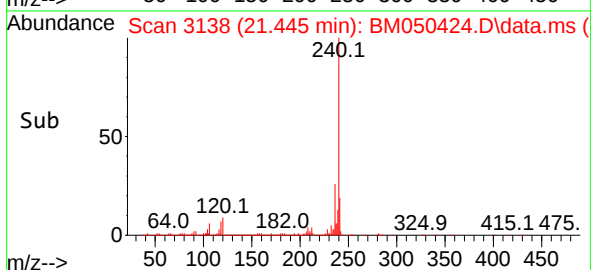
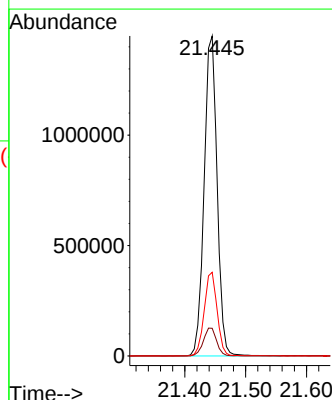
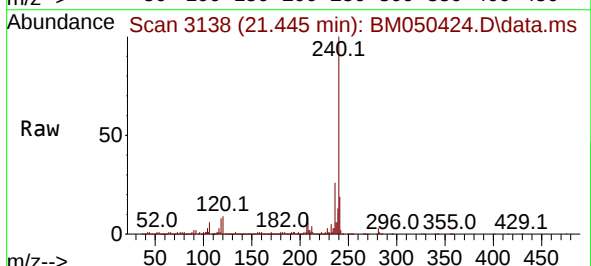
Tgt Ion:240 Resp: 2144416

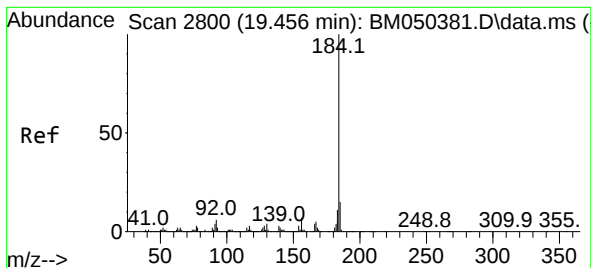
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 26.1 20.7 31.1





#77

Benzidine

Concen: 2.675 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

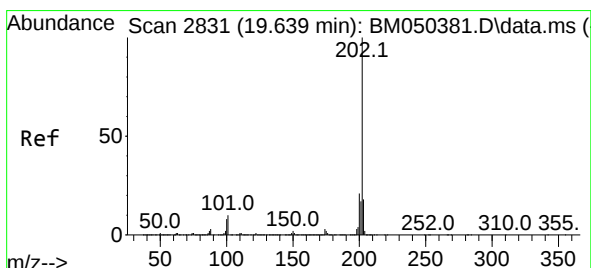
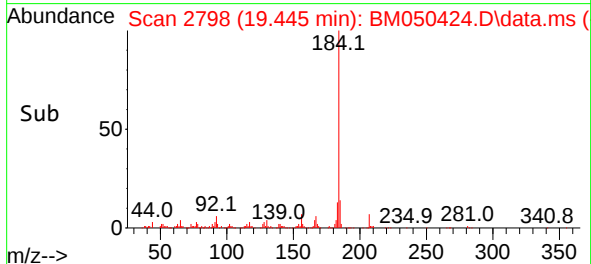
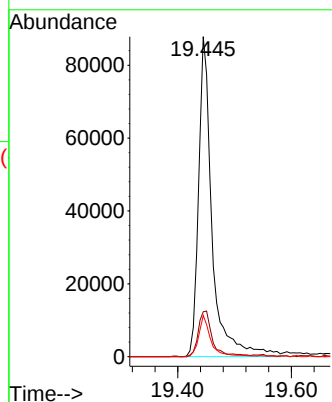
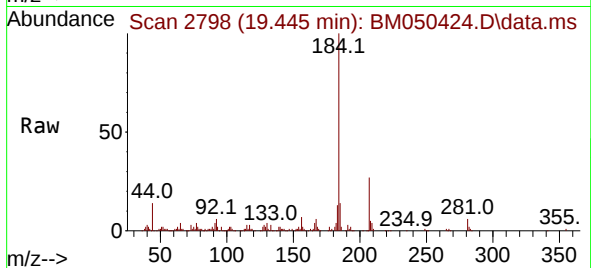
Tgt Ion:184 Resp: 146323

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 12.9 9.0 13.6



#78

Pyrene

Concen: 3.153 ng

RT: 19.627 min Scan# 2829

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

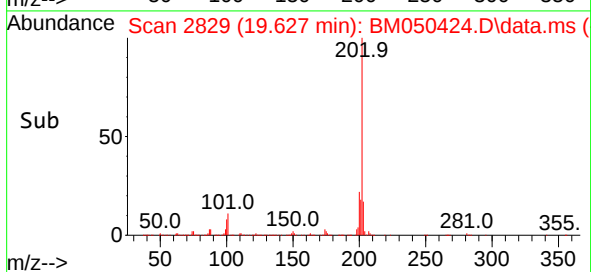
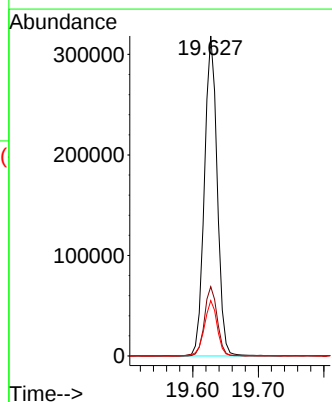
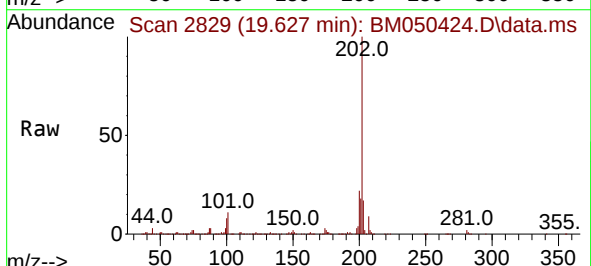
Tgt Ion:202 Resp: 433029

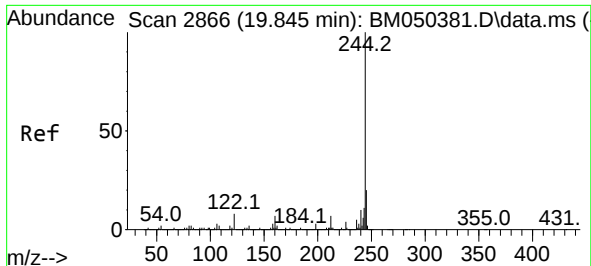
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 17.3 14.1 21.1

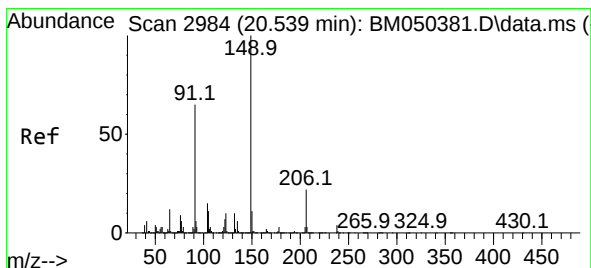
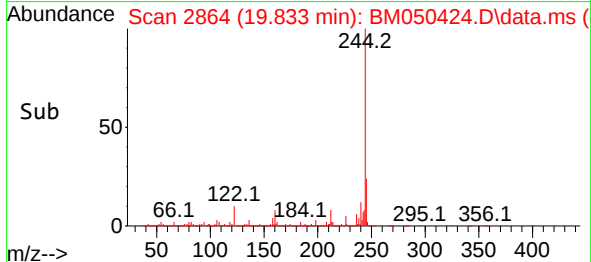
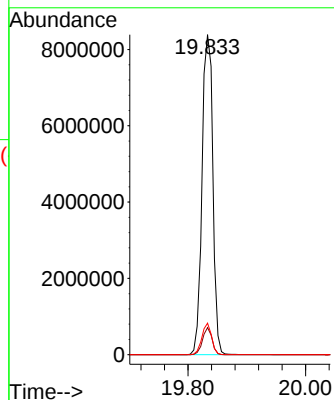
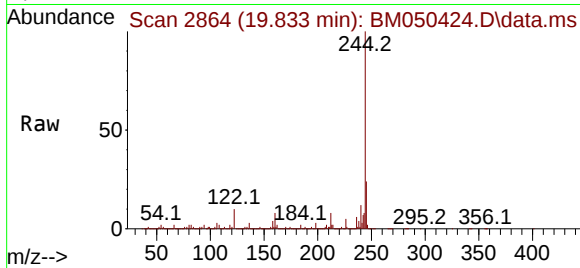




#79
 Terphenyl-d14
 Concen: 87.492 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM050424.D
 Acq: 14 Jul 2025 13:31

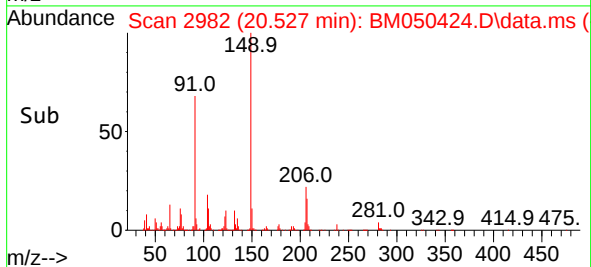
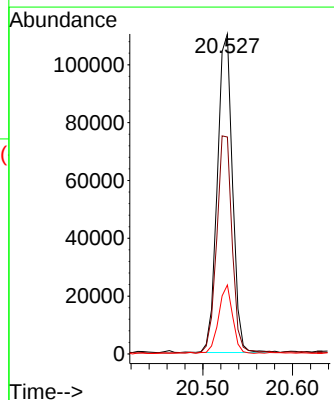
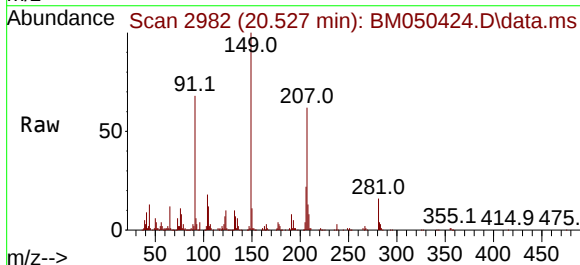
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2025

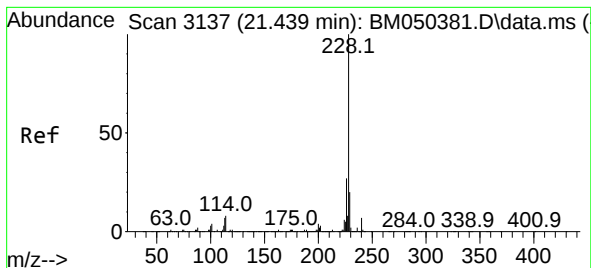
Tgt Ion:244 Resp:10663513
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5
 122 9.9 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 2.852 ng
 RT: 20.527 min Scan# 2982
 Delta R.T. -0.011 min
 Lab File: BM050424.D
 Acq: 14 Jul 2025 13:31

Tgt Ion:149 Resp: 129145
 Ion Ratio Lower Upper
 149 100
 91 67.8 51.6 77.4
 206 21.6 17.8 26.8





#81

Benzo(a)anthracene

Concen: 3.408 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

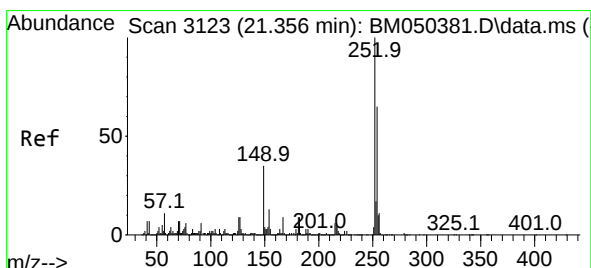
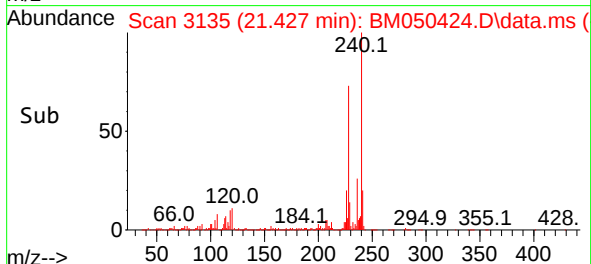
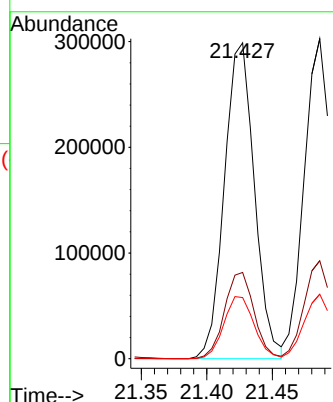
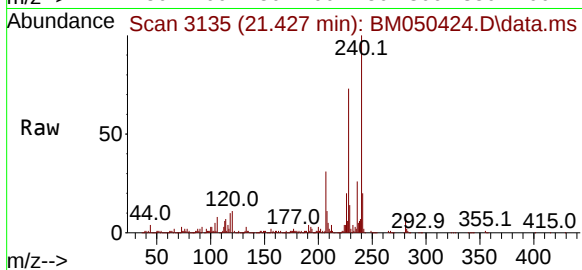
Tgt Ion:228 Resp: 476181

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 2.814 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.011 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

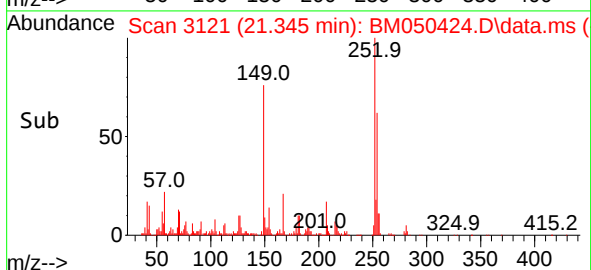
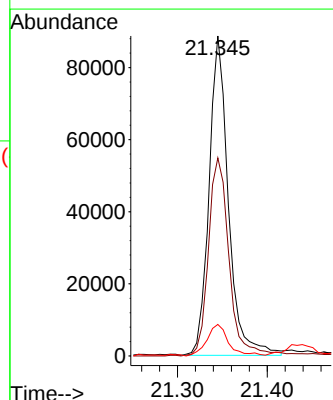
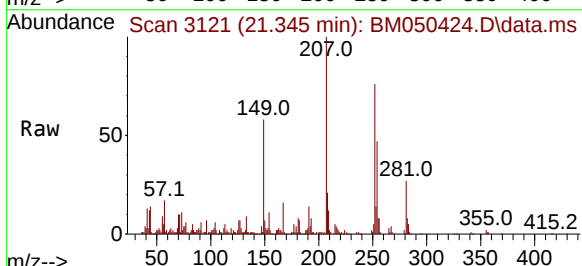
Tgt Ion:252 Resp: 132571

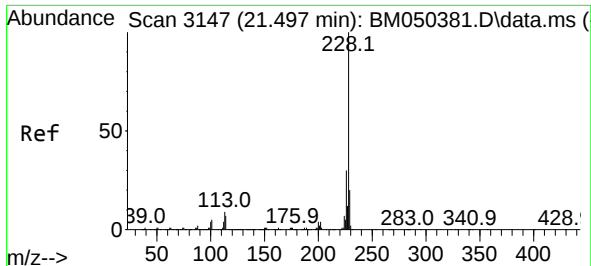
Ion Ratio Lower Upper

252 100

254 61.9 51.7 77.5

126 9.9 7.3 10.9

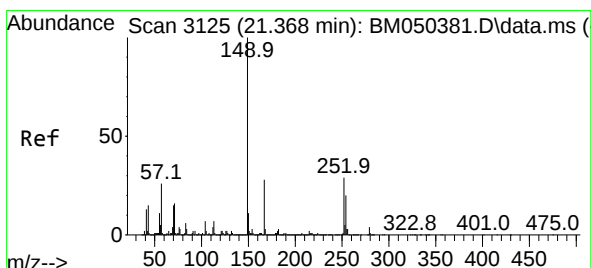
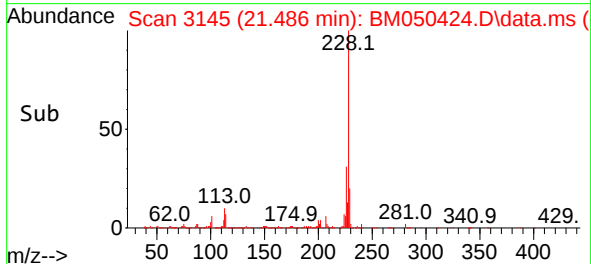
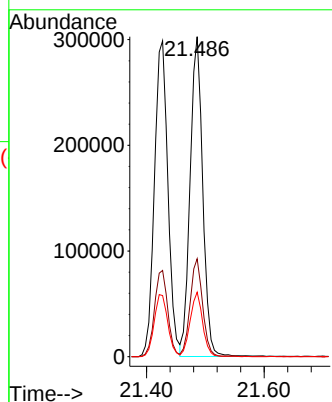
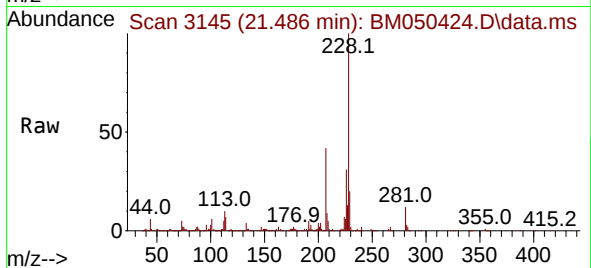




#83
Chrysene
Concen: 3.420 ng
RT: 21.486 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

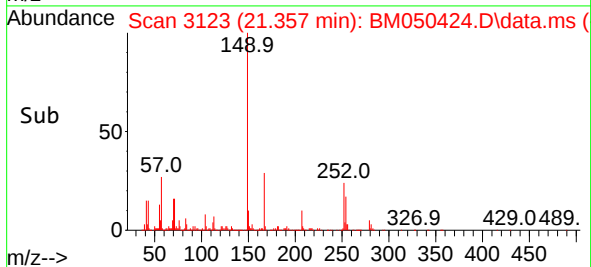
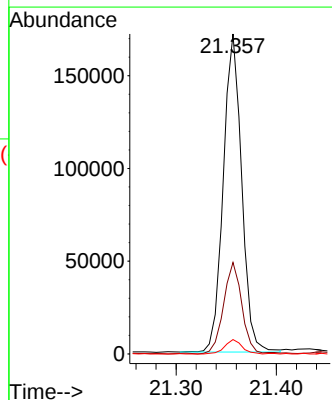
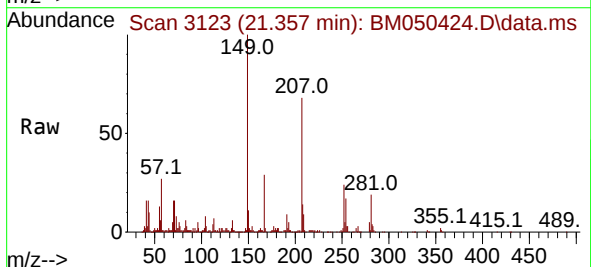
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

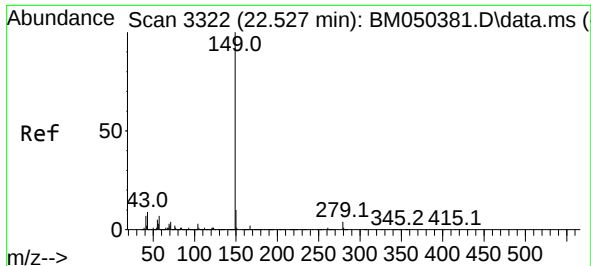
Tgt Ion:228 Resp: 450759
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.026 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:149 Resp: 217517
Ion Ratio Lower Upper
149 100
167 28.6 22.7 34.1
279 4.5 3.5 5.3

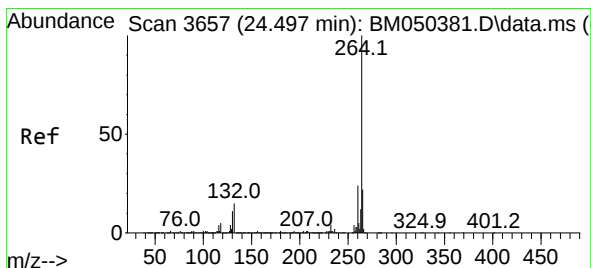
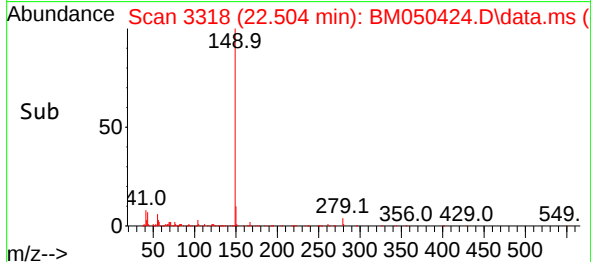
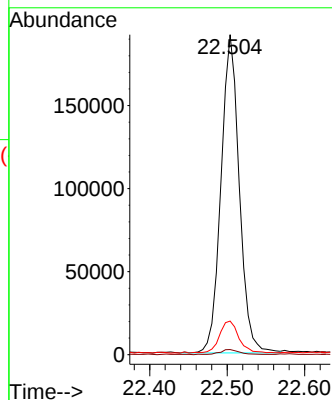
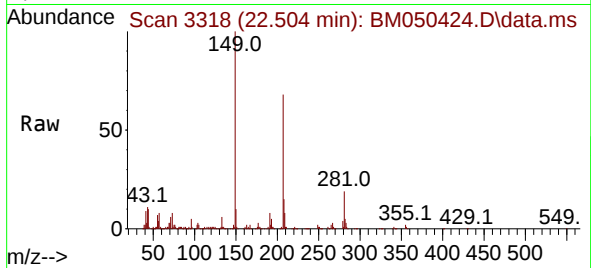




#85
Di-n-octyl phthalate
Concen: 2.799 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

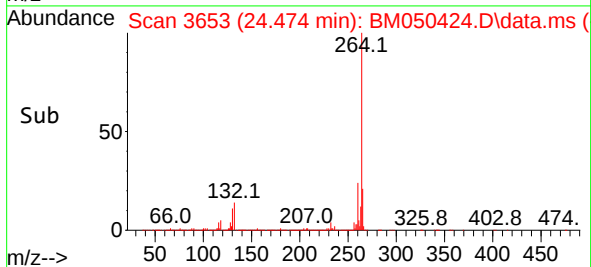
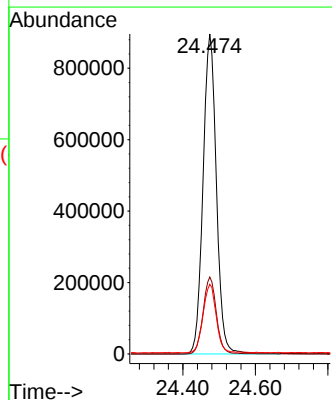
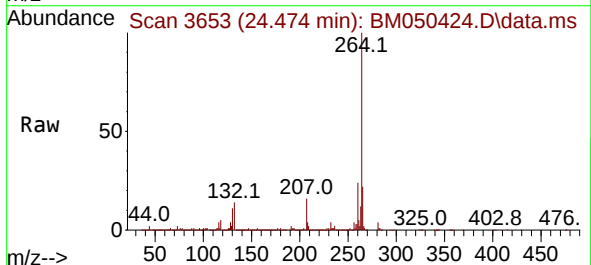
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

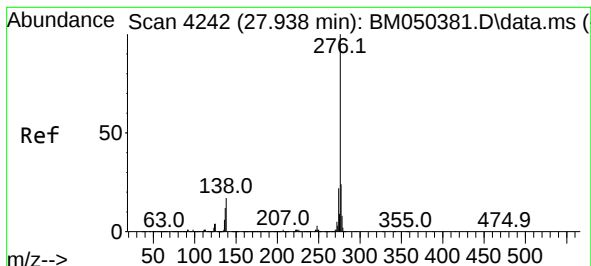
Tgt Ion:149 Resp: 315157
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 10.8 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. -0.023 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:264 Resp: 2286063
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.253 ng

RT: 27.892 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

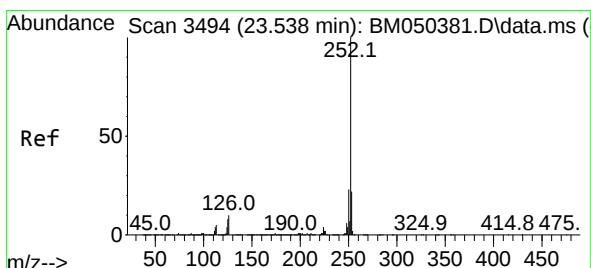
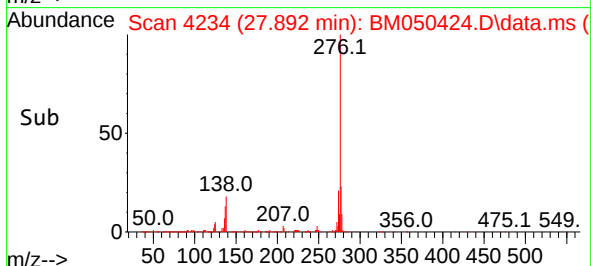
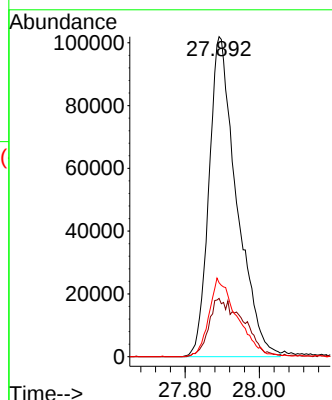
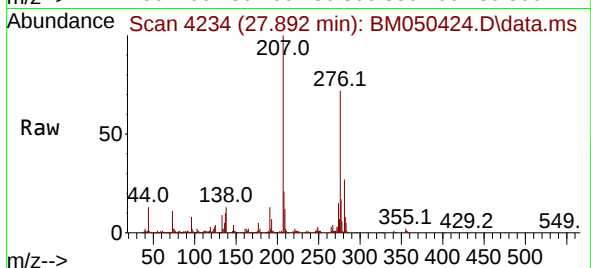
Tgt Ion:276 Resp: 528812

Ion Ratio Lower Upper

276 100

138 22.6 17.0 25.6

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 3.139 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

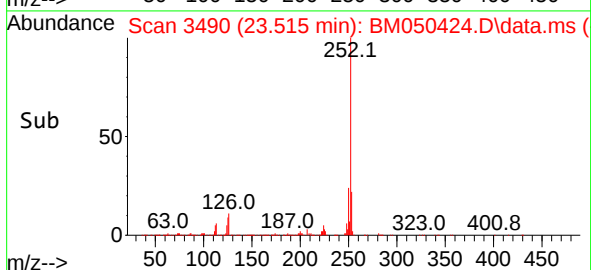
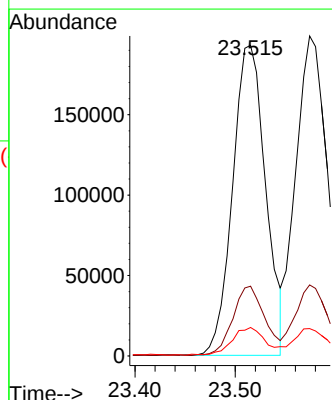
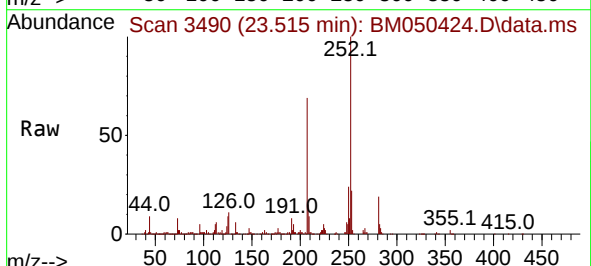
Tgt Ion:252 Resp: 441337

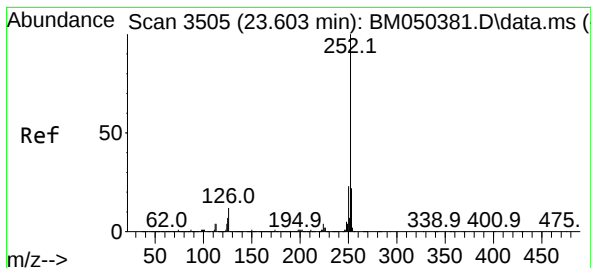
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.2 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 3.106 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

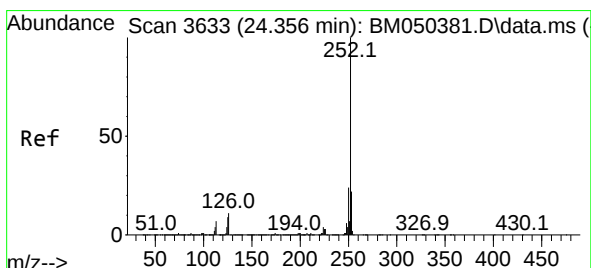
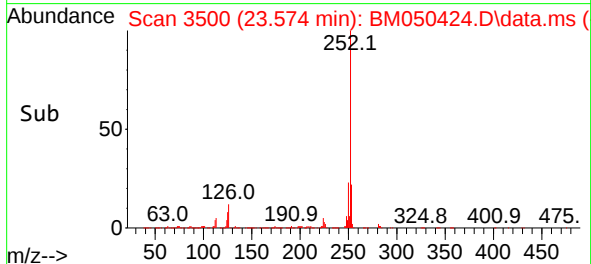
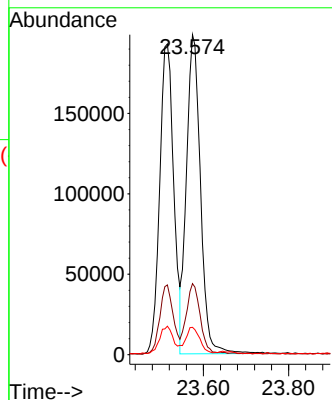
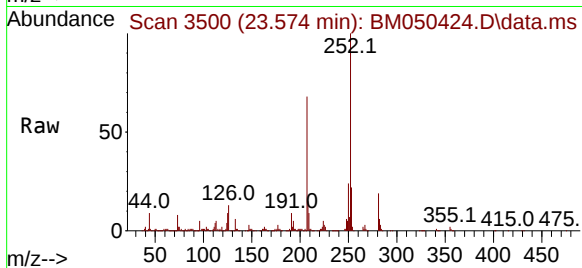
Tgt Ion:252 Resp: 453162

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.5 6.2 9.2



#90

Benzo(a)pyrene

Concen: 3.046 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.029 min

Lab File: BM050424.D

Acq: 14 Jul 2025 13:31

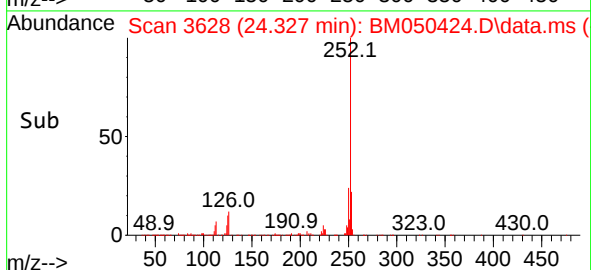
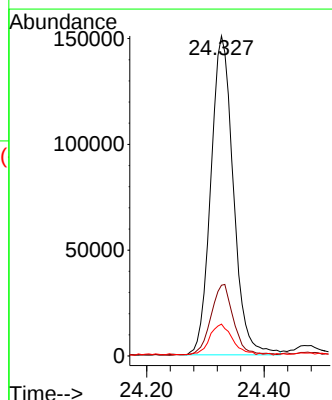
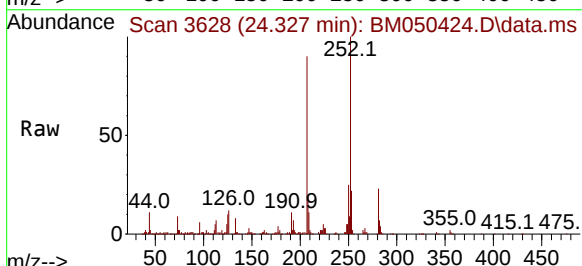
Tgt Ion:252 Resp: 400965

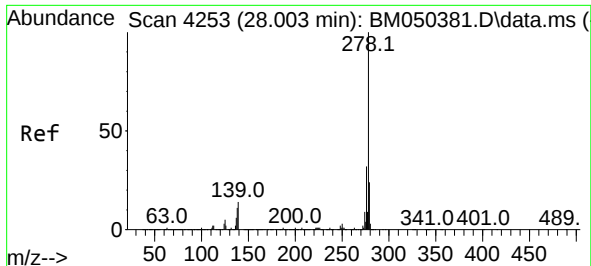
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.0 7.0 10.4

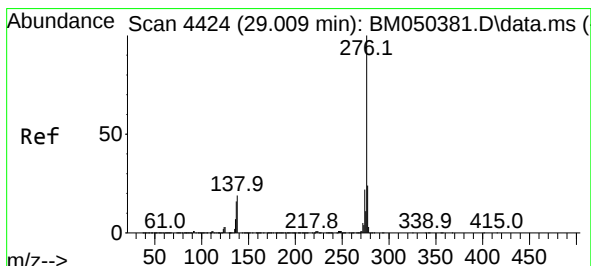
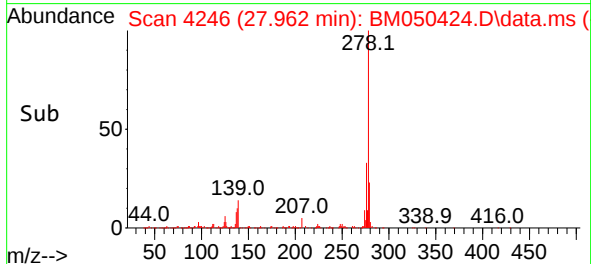
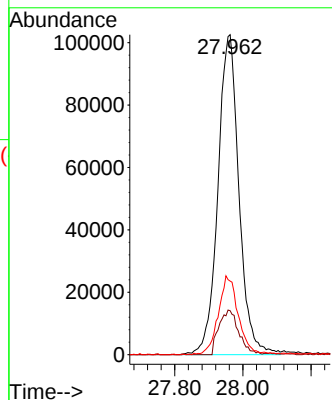
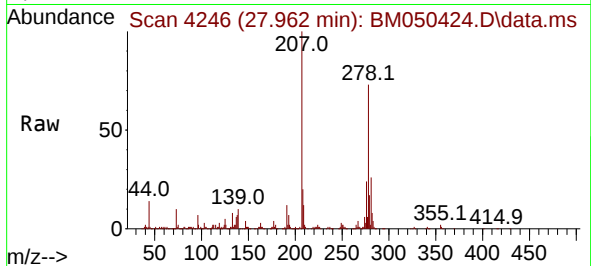




#91
Dibenzo(a,h)anthracene
Concen: 3.209 ng
RT: 27.962 min Scan# 411
Delta R.T. -0.041 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:278 Resp: 439294
Ion Ratio Lower Upper
278 100
139 13.8 10.8 16.2
279 23.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 3.352 ng
RT: 28.956 min Scan# 4415
Delta R.T. -0.052 min
Lab File: BM050424.D
Acq: 14 Jul 2025 13:31

Tgt Ion:276 Resp: 433617
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 19.2 14.9 22.3

