

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
 Data File : BM049601.D
 Acq On : 07 Feb 2025 14:13
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 07 19:39:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	146482	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	540203	20.000	ng	-0.01
39) Acenaphthene-d10	14.457	164	323342	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	583765	20.000	ng	0.00
76) Chrysene-d12	21.439	240	478330	20.000	ng	0.00
86) Perylene-d12	24.462	264	398851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1026864	112.730	ng	0.00
7) Phenol-d6	6.975	99	1356942	113.704	ng	0.00
23) Nitrobenzene-d5	8.975	82	1054588	100.416	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	364675	95.182	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2453188	98.286	ng	0.00
79) Terphenyl-d14	19.827	244	3563089	113.749	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	38988	10.180	ng	97
3) Pyridine	3.699	79	96705	9.086	ng	96
4) n-Nitrosodimethylamine	3.599	42	49527	9.946	ng	# 89
6) Aniline	7.146	93	122035	10.789	ng	96
8) 2-Chlorophenol	7.387	128	86221	9.479	ng	97
9) Benzaldehyde	6.957	77	98275	15.552	ng	96
10) Phenol	7.005	94	114891	9.774	ng	97
11) bis(2-Chloroethyl)ether	7.246	93	92317	9.708	ng	97
12) 1,3-Dichlorobenzene	7.710	146	108293	10.257	ng	98
13) 1,4-Dichlorobenzene	7.857	146	107967	10.110	ng	99
14) 1,2-Dichlorobenzene	8.175	146	103373	10.025	ng	97
15) Benzyl Alcohol	8.052	79	68814	8.288	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	138684	10.833	ng	100
17) 2-Methylphenol	8.257	107	63711	8.864	ng	98
18) Hexachloroethane	8.910	117	37678	9.659	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	68992	8.828	ng	95
20) 3+4-Methylphenols	8.581	107	82260	8.670	ng	98
22) Acetophenone	8.640	105	141212	9.705	ng	# 95
24) Nitrobenzene	9.016	77	108868	10.670	ng	98
25) Isophorone	9.546	82	171581	9.059	ng	99
26) 2-Nitrophenol	9.728	139	16892	7.604	ng	91
27) 2,4-Dimethylphenol	9.787	122	54287	9.065	ng	95
28) bis(2-Chloroethoxy)met...	10.028	93	111198	9.116	ng	100
29) 2,4-Dichlorophenol	10.263	162	63713	7.725	ng	95
30) 1,2,4-Trichlorobenzene	10.481	180	93515	9.255	ng	96
31) Naphthalene	10.669	128	260246	9.134	ng	99
32) Benzoic acid	9.840	122	9477	8.133	ng	# 88
33) 4-Chloroaniline	10.769	127	96679	9.066	ng	97
34) Hexachlorobutadiene	10.969	225	57303	9.470	ng	99
35) Caprolactam	11.510	113	14389	5.719	ng	94
36) 4-Chloro-3-methylphenol	11.892	107	55335	6.728	ng	93
37) 2-Methylnaphthalene	12.281	142	172771	8.613	ng	99
38) 1-Methylnaphthalene	12.498	142	159402	8.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	100381	9.442	ng	99
41) Hexachlorocyclopentadiene	12.639	237	24731	9.113	ng	95
43) 2,4,6-Trichlorophenol	12.887	196	36409	6.276	ng	98

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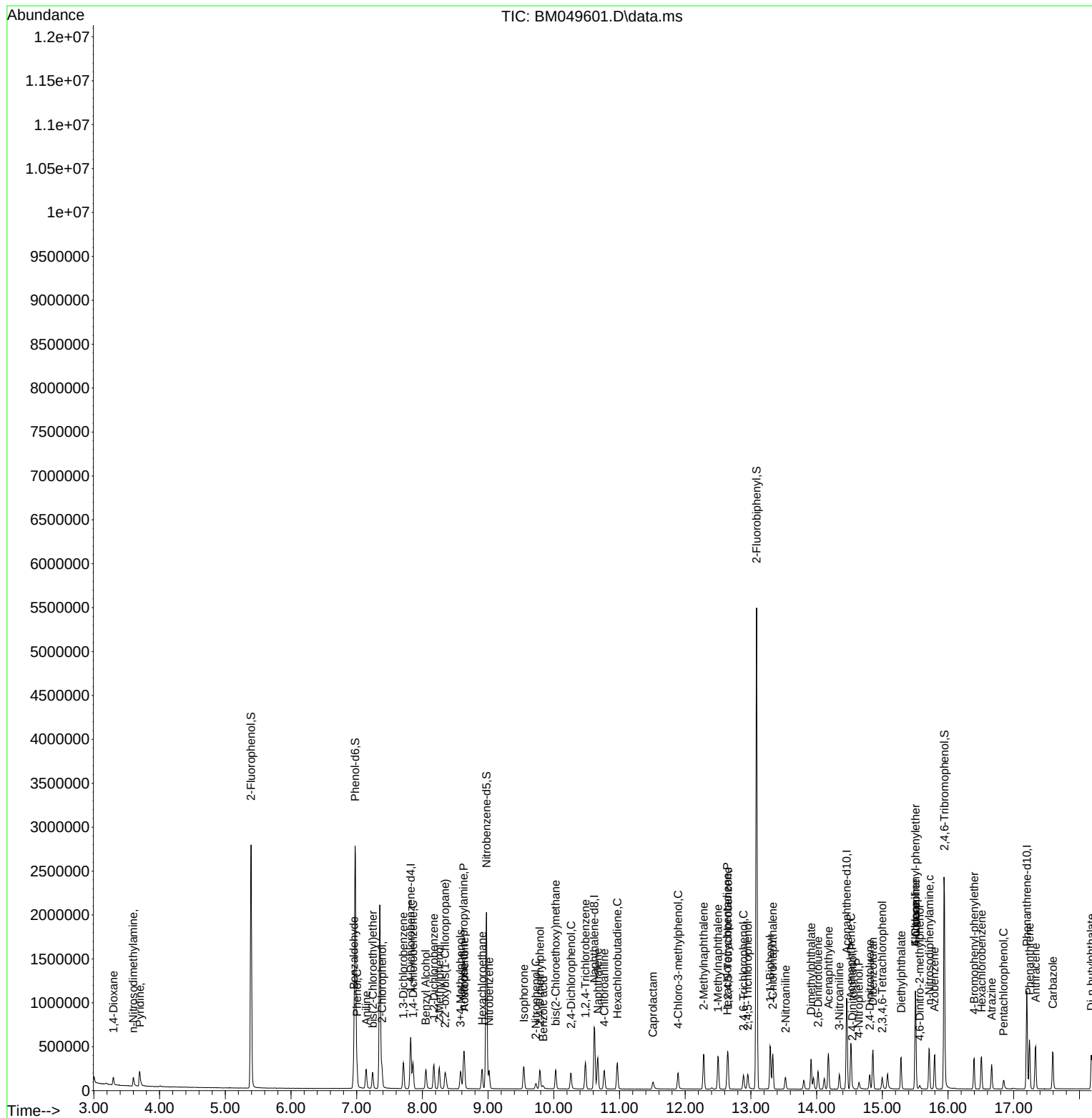
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	44393	6.963	ng	92
46) 1,1'-Biphenyl	13.292	154	235908	9.564	ng	96
47) 2-Chloronaphthalene	13.334	162	180965	9.482	ng	100
48) 2-Nitroaniline	13.528	65	31726	9.890	ng	95
49) Acenaphthylene	14.181	152	265499	9.435	ng	100
50) Dimethylphthalate	13.916	163	192807	8.303	ng	99
51) 2,6-Dinitrotoluene	14.022	165	32283	8.034	ng	91
52) Acenaphthene	14.522	154	166996	8.940	ng	96
53) 3-Nitroaniline	14.345	138	31467	7.692	ng	# 90
54) 2,4-Dinitrophenol	14.545	184	3988	8.641	ng	# 1
55) Dibenzofuran	14.857	168	264869	8.905	ng	99
56) 4-Nitrophenol	14.645	139	14747	4.276	ng	# 82
57) 2,4-Dinitrotoluene	14.810	165	34837	9.541	ng	95
58) Fluorene	15.504	166	209825	8.247	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	27718	5.146	ng	93
60) Diethylphthalate	15.286	149	184751	7.917	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	108148	7.986	ng	97
62) 4-Nitroaniline	15.504	138	31905	9.709	ng	90
63) Azobenzene	15.792	77	218946	8.989	ng	94
65) 4,6-Dinitro-2-methylph...	15.569	198	6644	9.323	ng	93
66) n-Nitrosodiphenylamine	15.716	169	160204	8.702	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	56634	8.351	ng	99
68) Hexachlorobenzene	16.510	284	70023	8.996	ng	97
69) Atrazine	16.663	200	43677	7.981	ng	96
70) Pentachlorophenol	16.845	266	17891	10.790	ng	99
71) Phenanthrene	17.239	178	299316	9.000	ng	99
72) Anthracene	17.333	178	288942	8.775	ng	99
73) Carbazole	17.598	167	255632	8.845	ng	99
74) Di-n-butylphthalate	18.180	149	238516	6.504	ng	# 98
75) Fluoranthene	19.257	202	301788	7.751	ng	100
77) Benzidine	19.439	184	40212	9.493	ng	# 95
78) Pyrene	19.616	202	319760	8.928	ng	99
80) Butylbenzylphthalate	20.527	149	41982	3.767	ng	92
81) Benzo(a)anthracene	21.421	228	288644	8.904	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	51555	5.910	ng	98
83) Chrysene	21.480	228	273033	8.990	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	88945	4.655	ng	92
85) Di-n-octyl phthalate	22.527	149	99350	3.296	ng	# 91
87) Indeno(1,2,3-cd)pyrene	27.880	276	181917	8.352	ng	98
88) Benzo(b)fluoranthene	23.509	252	224069	8.166	ng	97
89) Benzo(k)fluoranthene	23.574	252	237154	8.899	ng	99
90) Benzo(a)pyrene	24.321	252	185289	8.521	ng	96
91) Dibenzo(a,h)anthracene	27.944	278	137498	7.987	ng	98
92) Benzo(g,h,i)perylene	28.933	276	151014	7.853	ng	97

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

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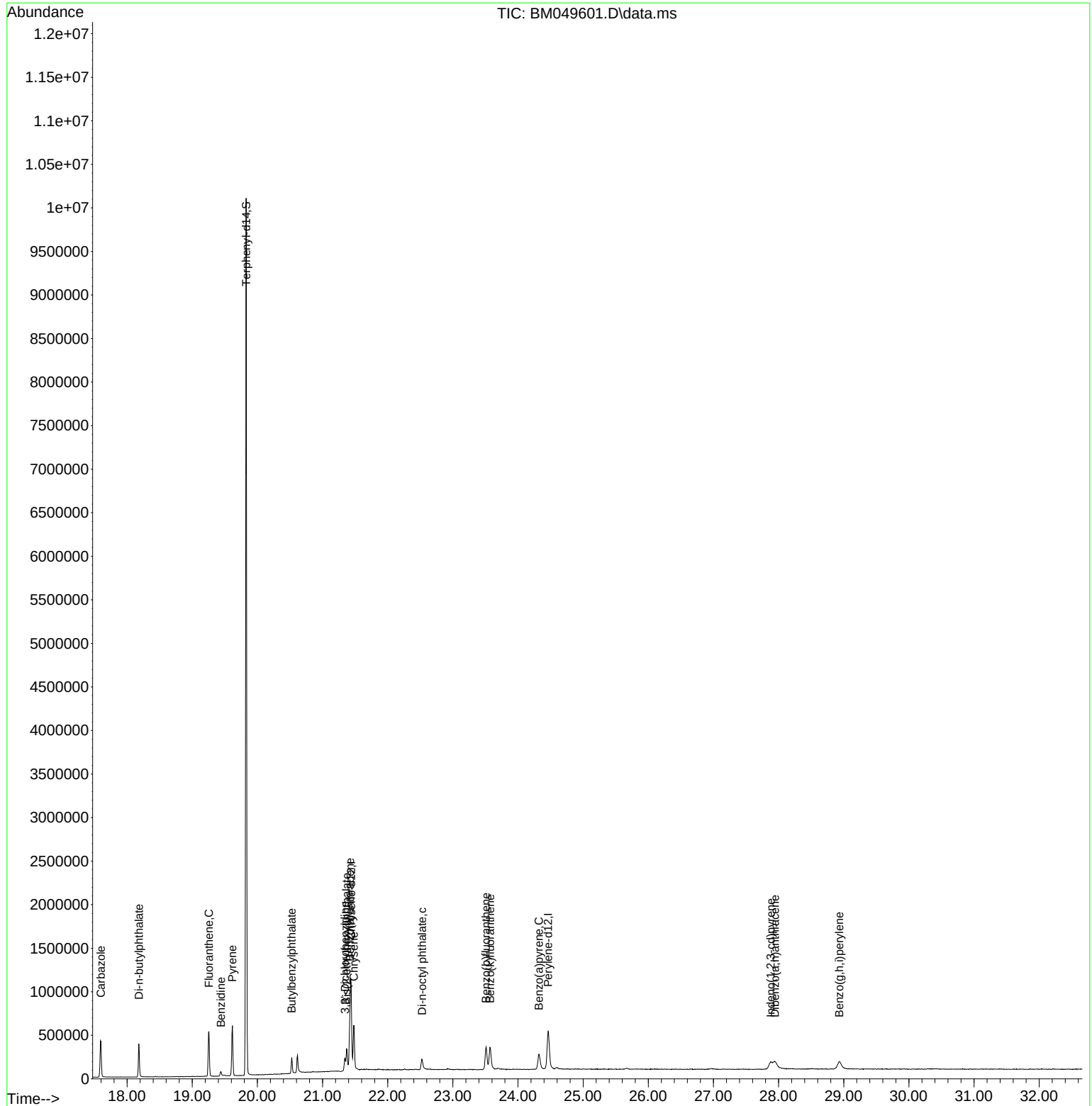
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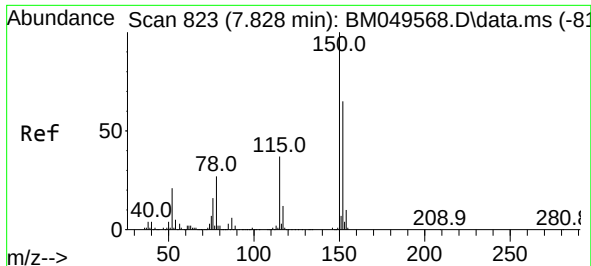


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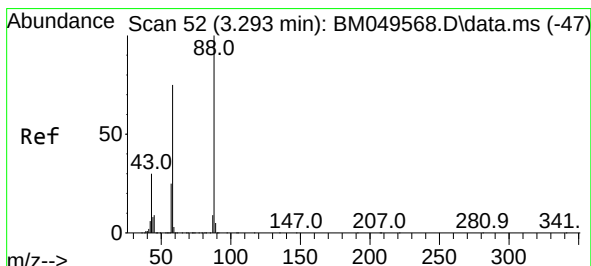
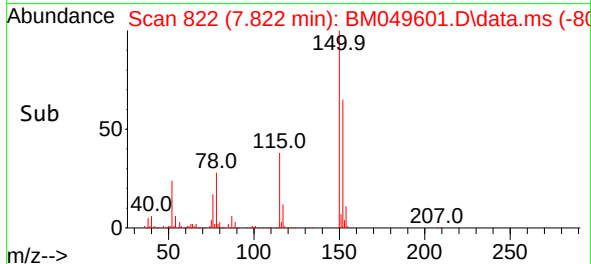
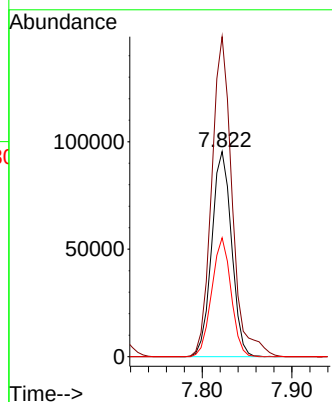
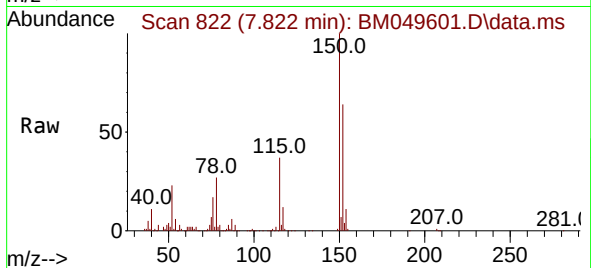




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

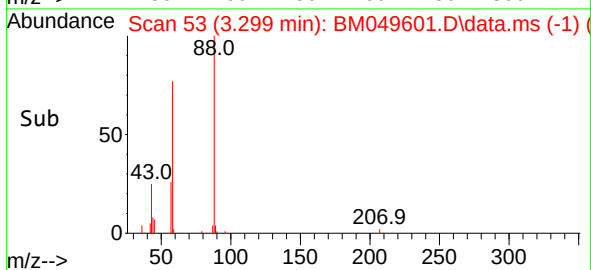
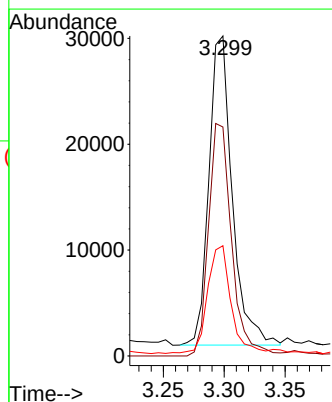
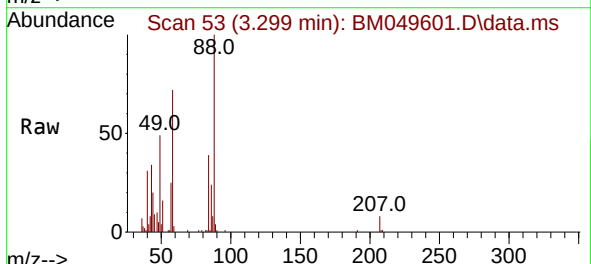
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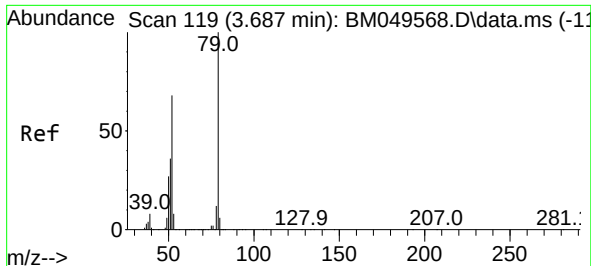
Tgt Ion:152 Resp: 146482
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.6 184.0
 115 58.0 45.4 68.0



#2
 1,4-Dioxane
 Concen: 10.180 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

Tgt Ion: 88 Resp: 38988
 Ion Ratio Lower Upper
 88 100
 58 74.7 60.0 90.0
 43 34.9 24.4 36.6

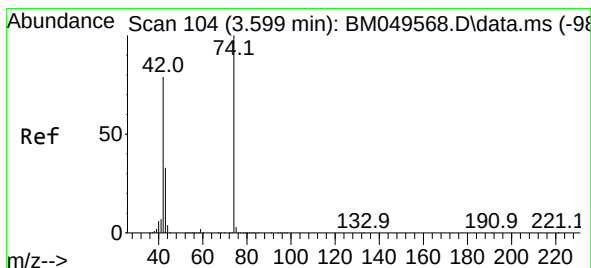
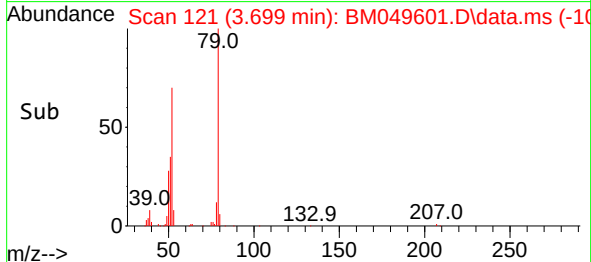
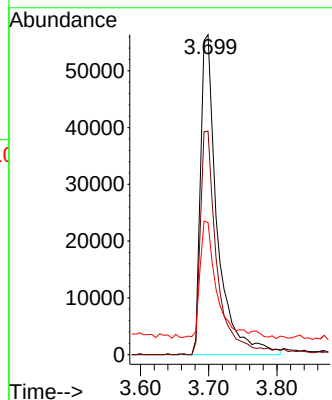
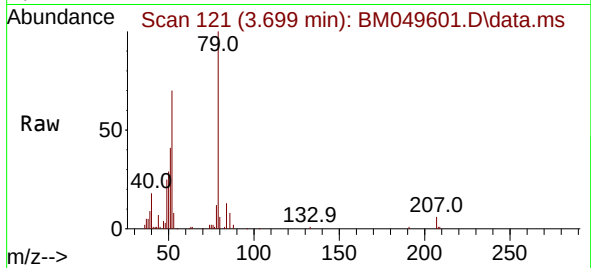




#3
 Pyridine
 Concen: 9.086 ng
 RT: 3.699 min Scan# 119
 Delta R.T. 0.012 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

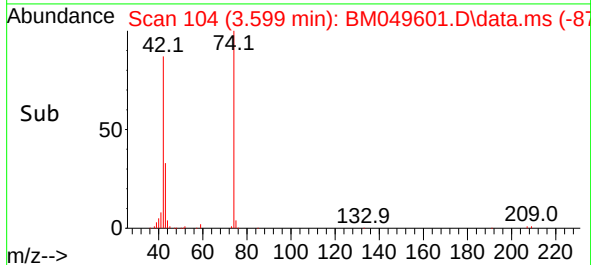
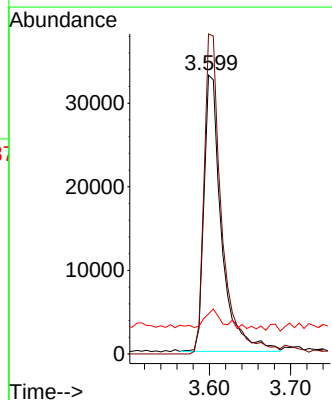
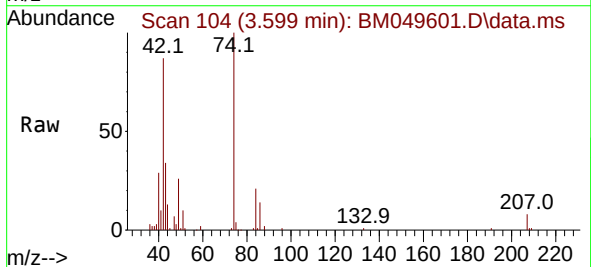
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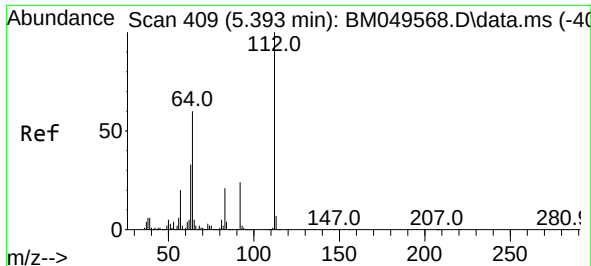
Tgt Ion: 79 Resp: 96705
 Ion Ratio Lower Upper
 79 100
 52 69.8 54.5 81.7
 51 41.4 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 9.946 ng
 RT: 3.599 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

Tgt Ion: 42 Resp: 49527
 Ion Ratio Lower Upper
 42 100
 74 114.8 101.3 151.9
 44 14.4 6.5 9.7#

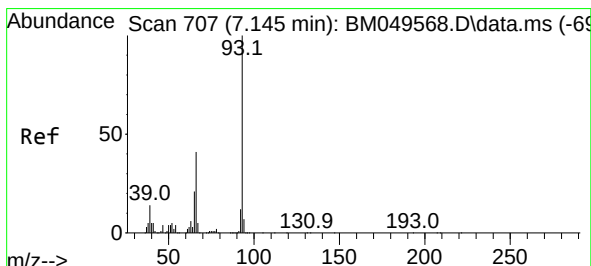
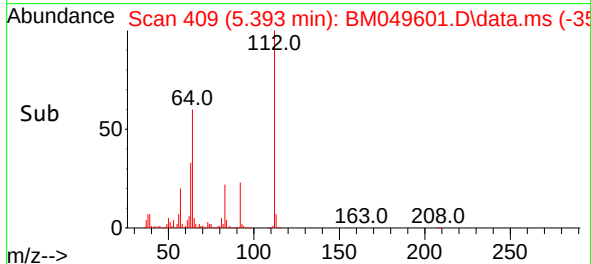
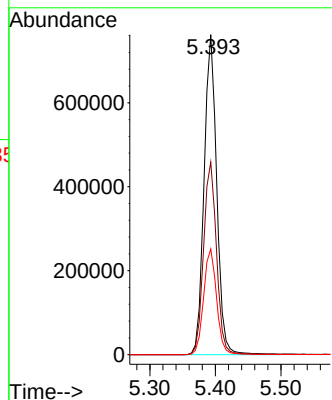
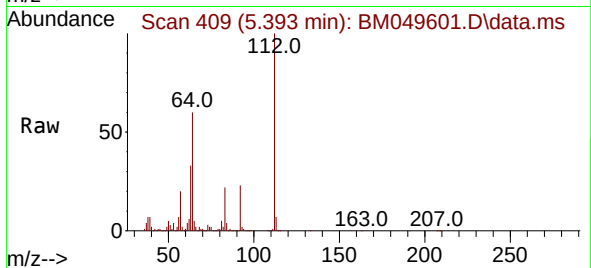




#5
2-Fluorophenol
Concen: 112.730 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

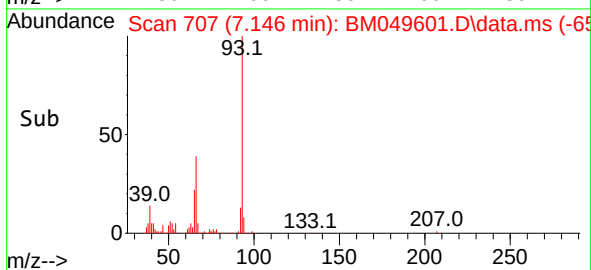
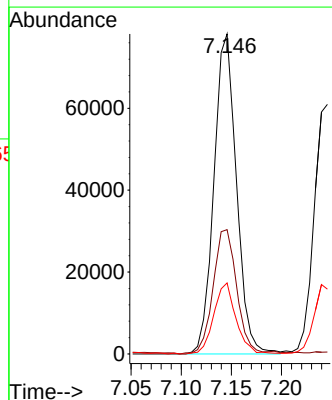
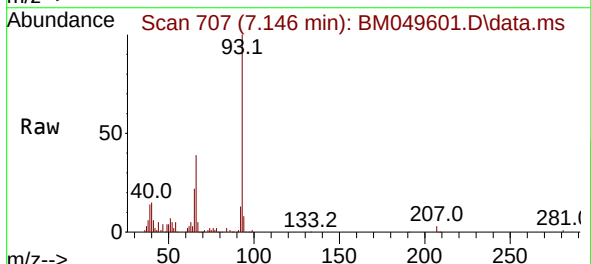
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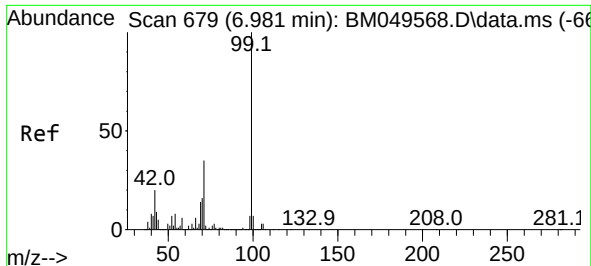
Tgt Ion:112 Resp: 1026864
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.8
63 33.1 26.2 39.4



#6
Aniline
Concen: 10.789 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 93 Resp: 122035
Ion Ratio Lower Upper
93 100
66 38.9 33.3 49.9
65 22.2 16.8 25.2

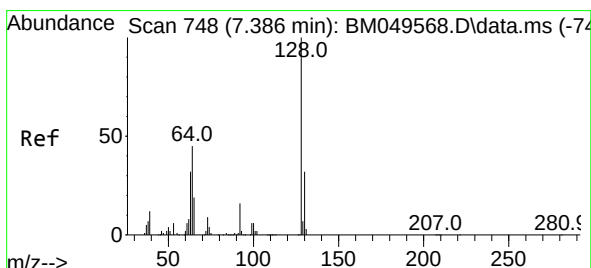
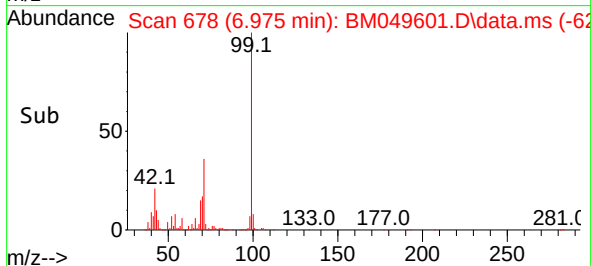
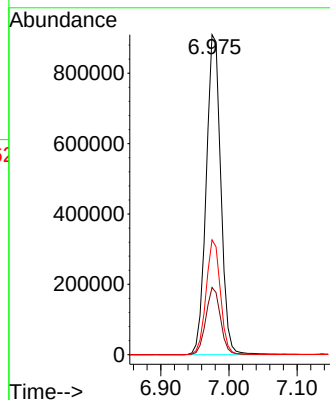
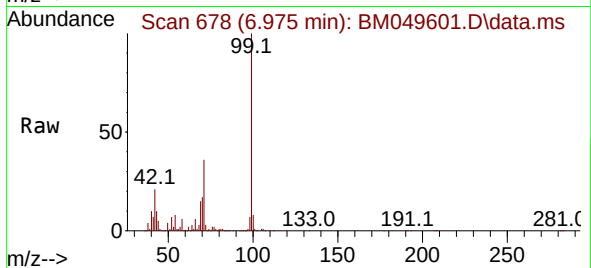




#7
Phenol-d6
Concen: 113.704 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

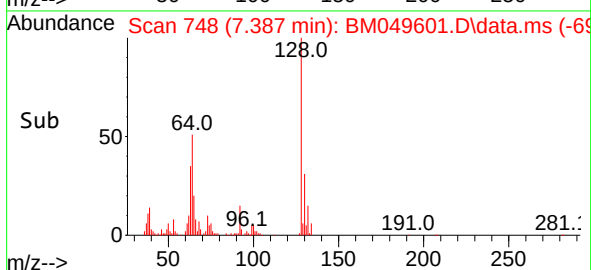
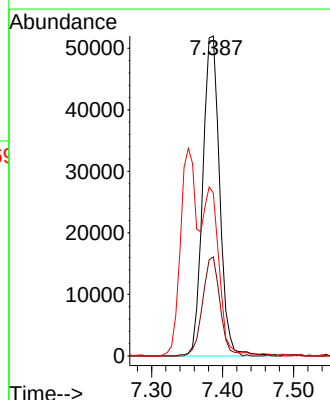
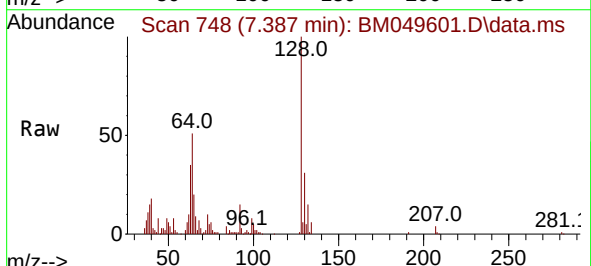
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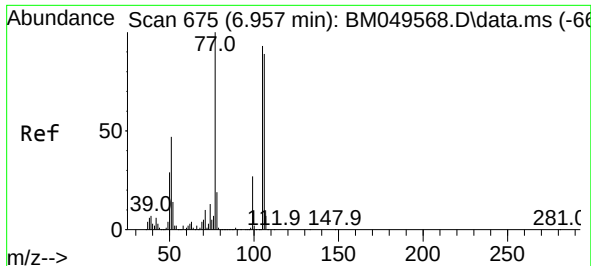
Tgt Ion: 99 Resp: 1356942
Ion Ratio Lower Upper
99 100
42 21.0 16.0 24.0
71 35.9 27.8 41.6



#8
2-Chlorophenol
Concen: 9.479 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049601.D
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Tgt Ion:128 Resp: 86221
Ion Ratio Lower Upper
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130 31.0 12.4 52.4
64 51.0 28.7 68.7

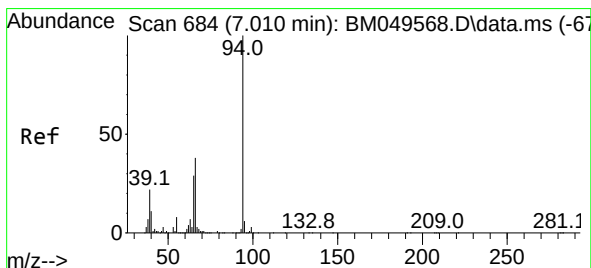
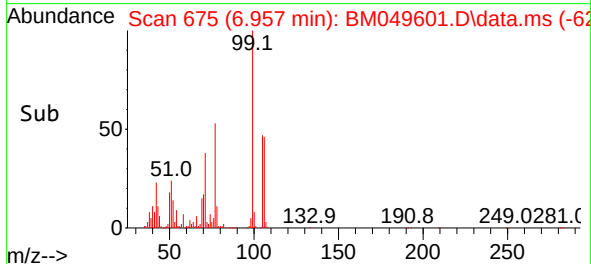
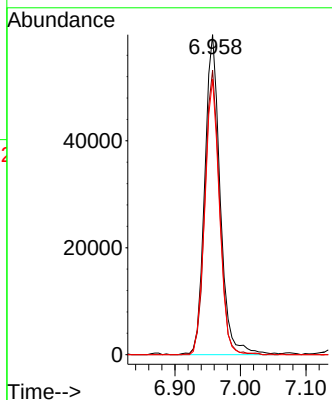
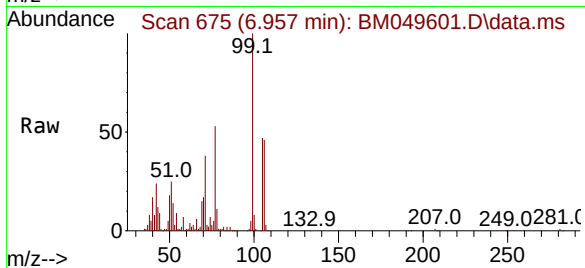




#9
Benzaldehyde
Concen: 15.552 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
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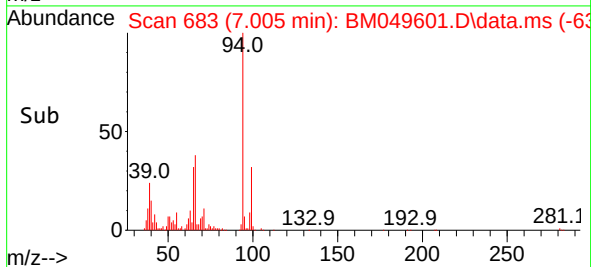
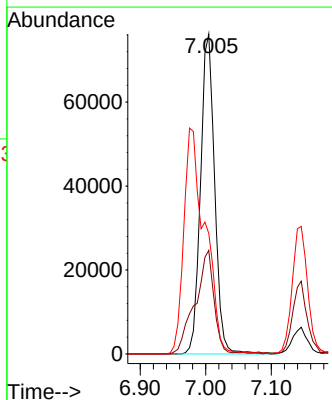
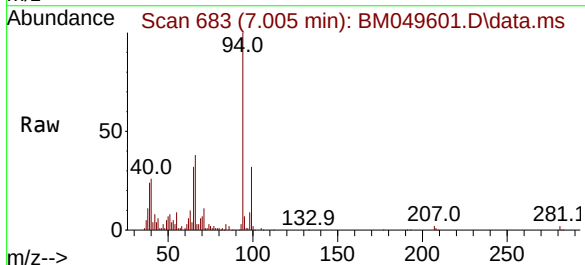
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

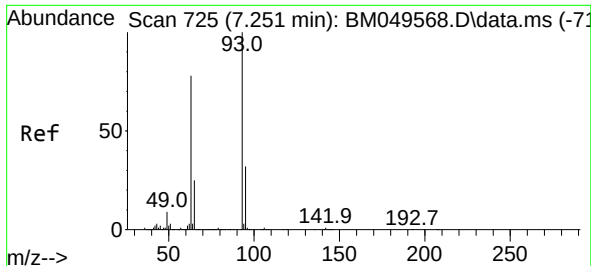
Tgt Ion: 77 Resp: 98275
Ion Ratio Lower Upper
77 100
105 88.9 72.7 112.7
106 86.0 68.9 108.9



#10
Phenol
Concen: 9.774 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 94 Resp: 114891
Ion Ratio Lower Upper
94 100
65 32.4 9.3 49.3
66 37.7 17.7 57.7

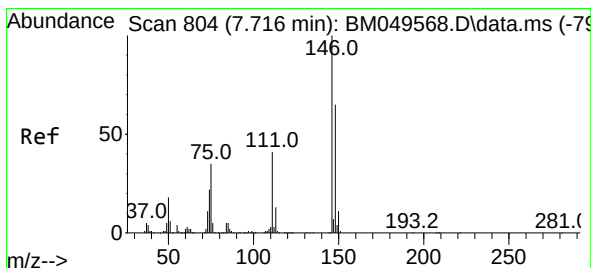
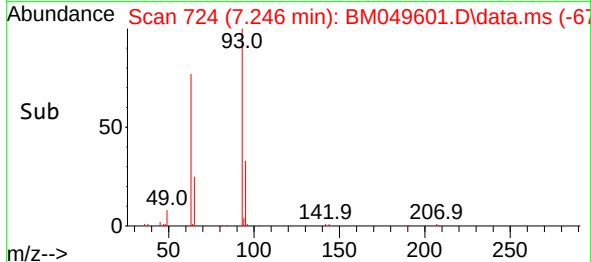
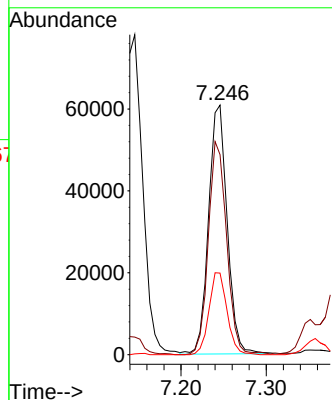
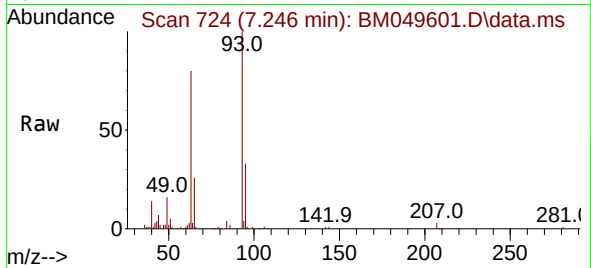




#11
bis(2-Chloroethyl)ether
Concen: 9.708 ng
RT: 7.246 min Scan# 724
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

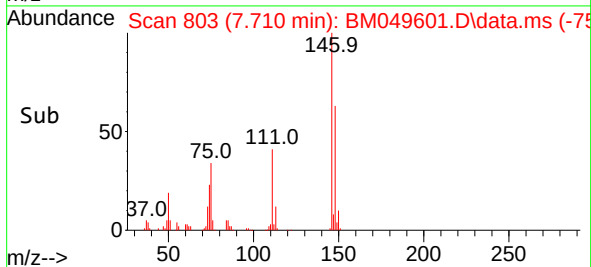
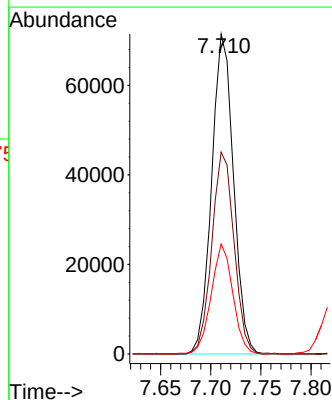
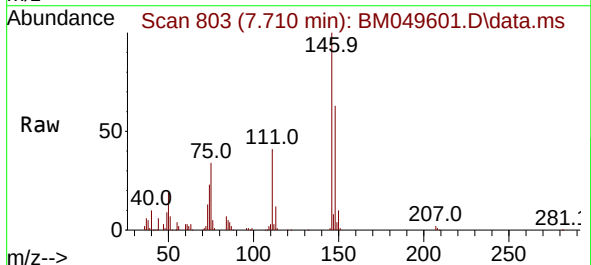
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

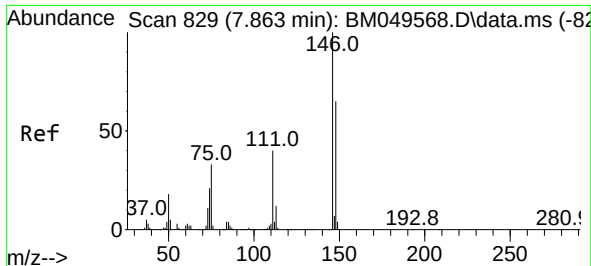
Tgt Ion: 93 Resp: 92317
Ion Ratio Lower Upper
93 100
63 80.1 57.3 97.3
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 10.257 ng
RT: 7.710 min Scan# 803
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:146 Resp: 108293
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
75 34.4 28.3 42.5

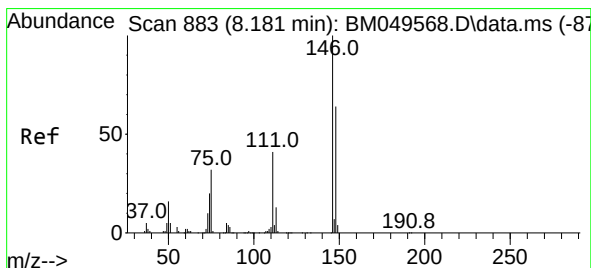
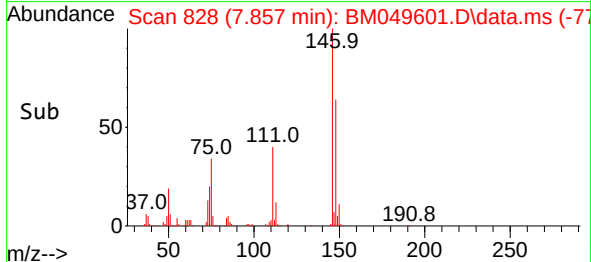
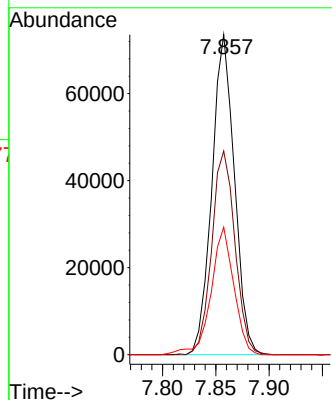
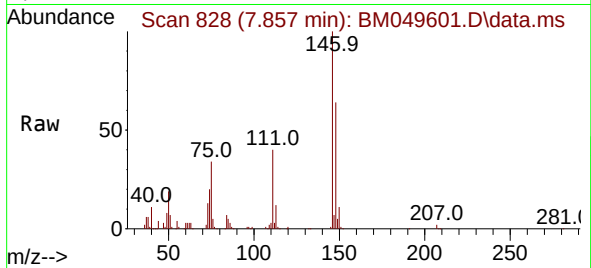




#13
1,4-Dichlorobenzene
Concen: 10.110 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

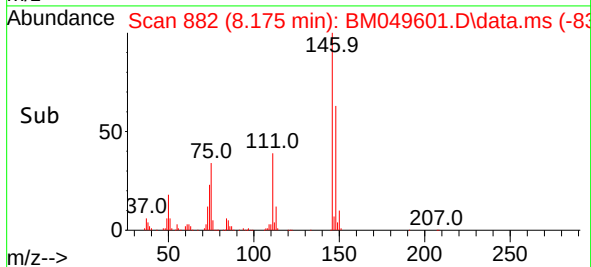
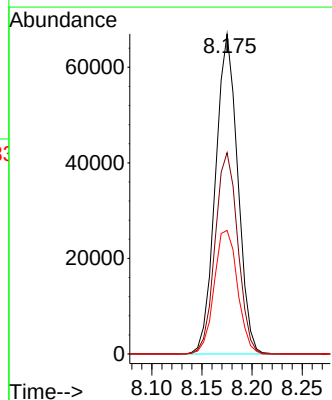
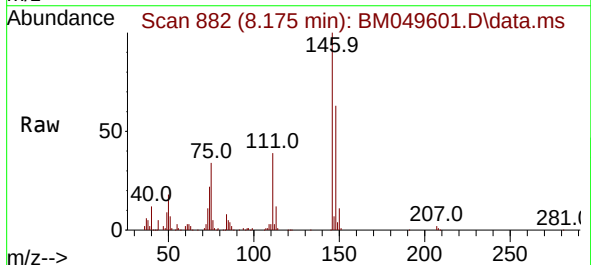
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

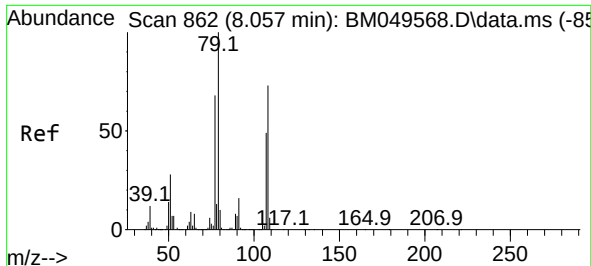
Tgt Ion:146 Resp: 107967
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
111 39.8 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 10.025 ng
RT: 8.175 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:146 Resp: 103373
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 38.6 33.4 50.0

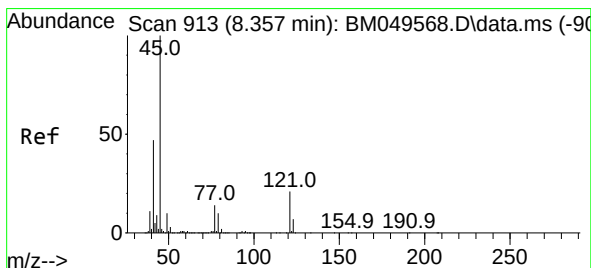
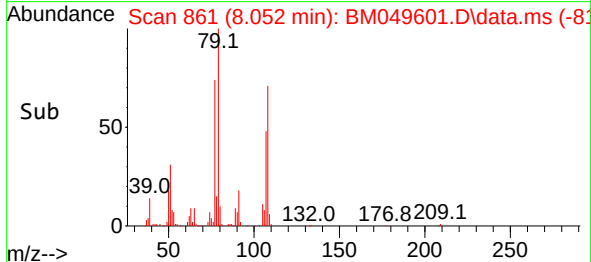
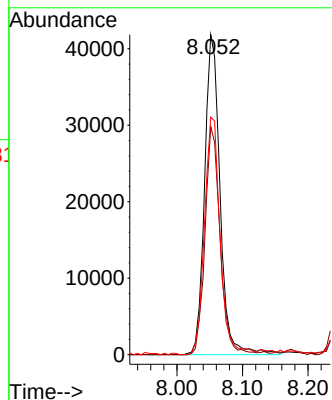
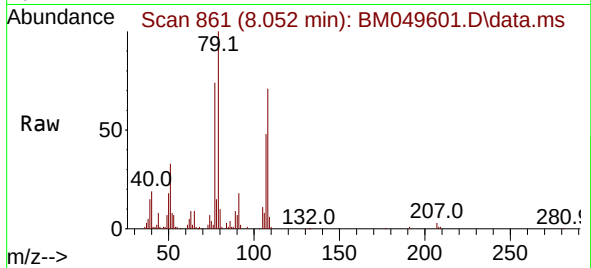




#15
Benzyl Alcohol
Concen: 8.288 ng
RT: 8.052 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

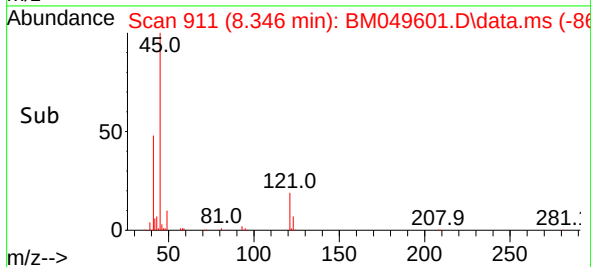
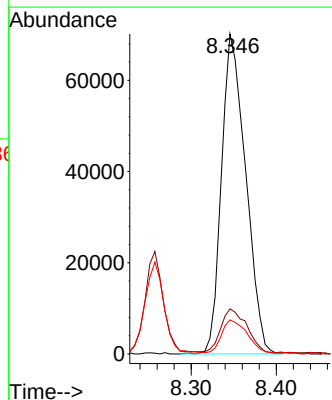
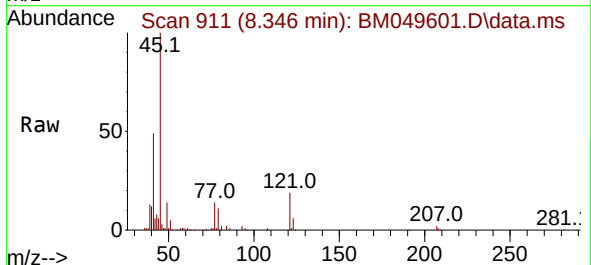
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

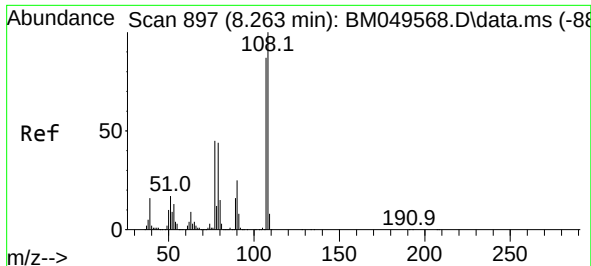
Tgt Ion: 79 Resp: 68814
Ion Ratio Lower Upper
79 100
108 71.2 58.6 88.0
77 74.2 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.833 ng
RT: 8.346 min Scan# 911
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 45 Resp: 138684
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 10.6 0.0 30.8

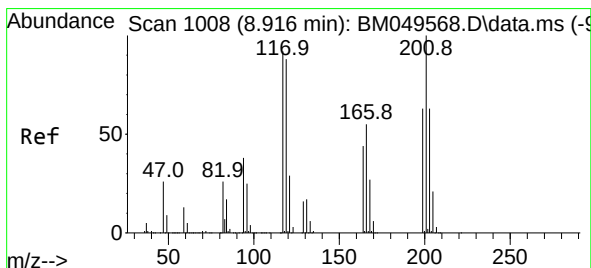
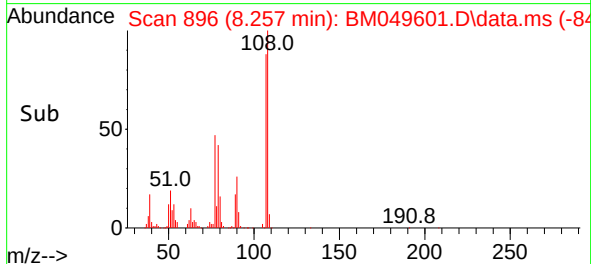
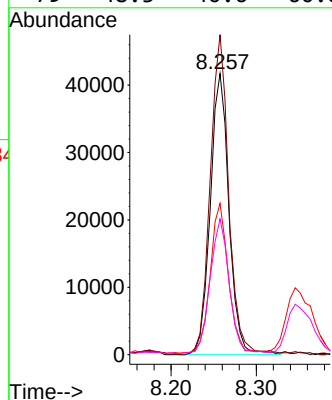
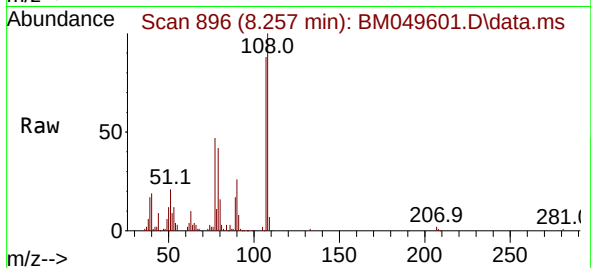




#17
2-Methylphenol
Concen: 8.864 ng
RT: 8.257 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

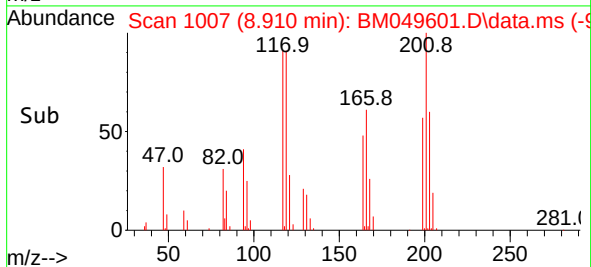
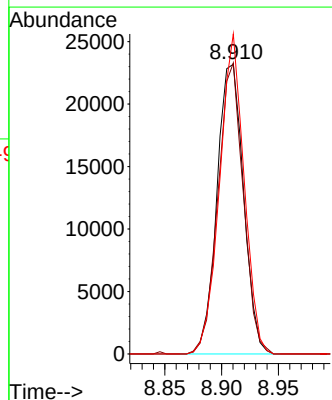
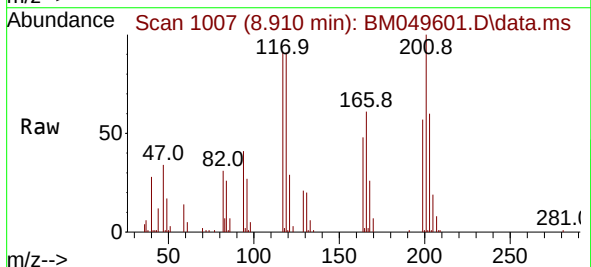
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

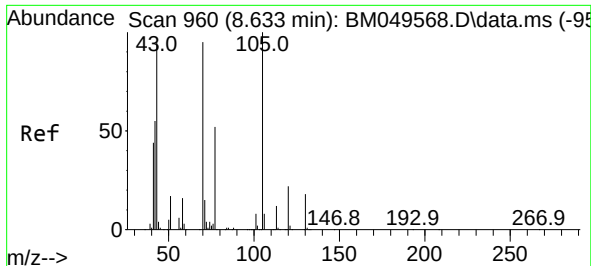
Tgt Ion:	107	Resp:	63711
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.2	138.4
77	53.8	41.3	61.9
79	48.3	40.6	60.8



#18
Hexachloroethane
Concen: 9.659 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:	117	Resp:	37678
Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.8	115.2
201	110.4	87.0	130.6

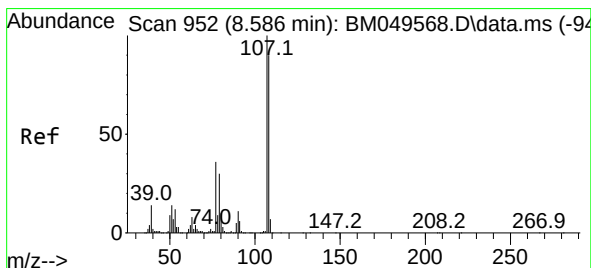
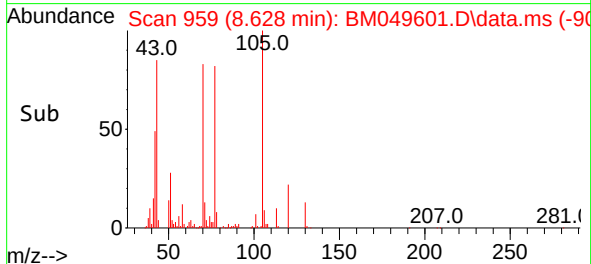
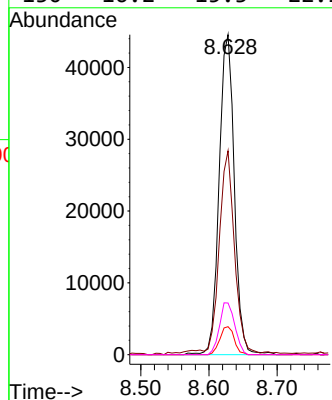
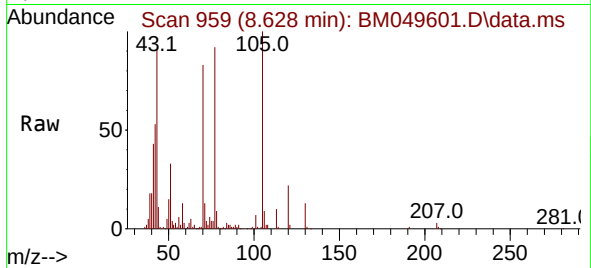




#19
n-Nitroso-di-n-propylamine
Concen: 8.828 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

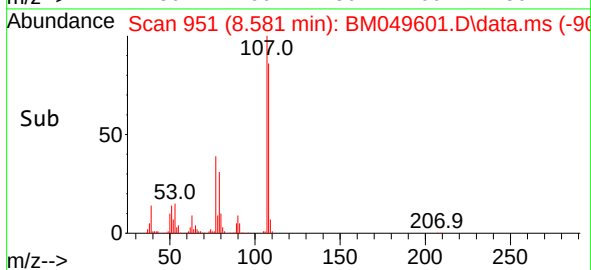
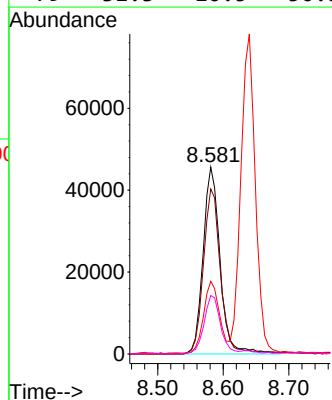
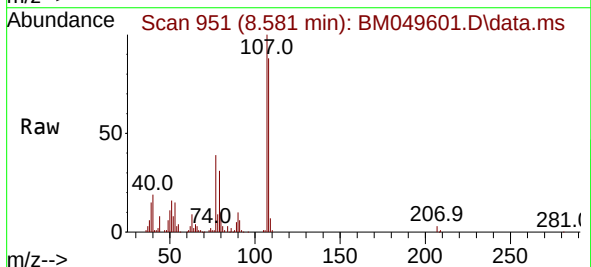
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

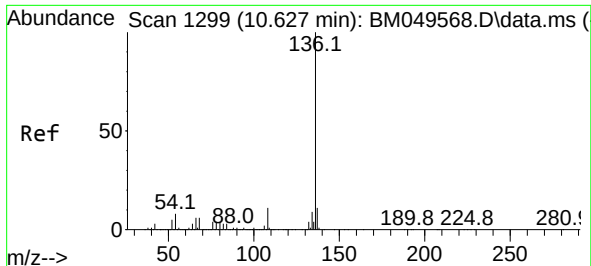
Tgt Ion: 70 Resp: 68992
Ion Ratio Lower Upper
70 100
42 63.7 47.4 71.2
101 8.7 7.1 10.7
130 16.2 15.3 22.9



#20
3+4-Methylphenols
Concen: 8.670 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 107 Resp: 82260
Ion Ratio Lower Upper
107 100
108 88.3 69.6 109.6
77 38.9 16.0 56.0
79 31.3 10.5 50.5

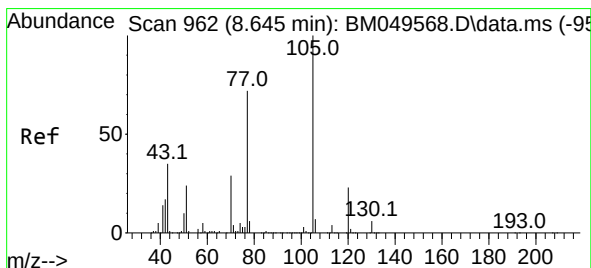
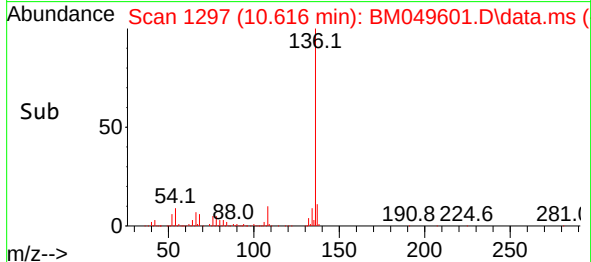
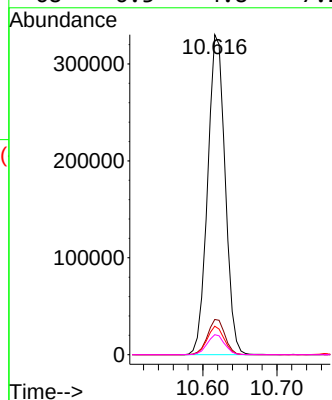
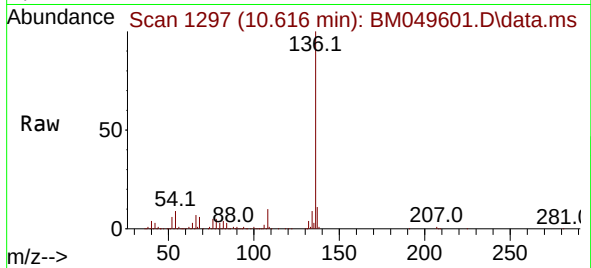




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

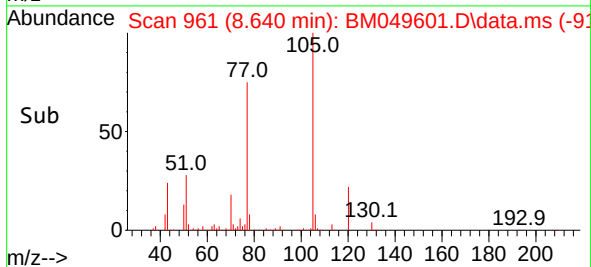
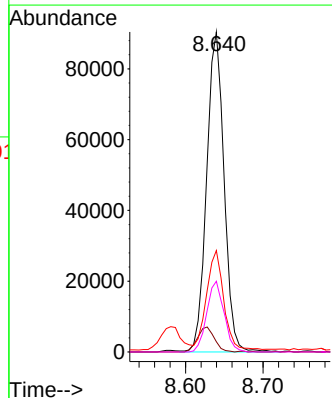
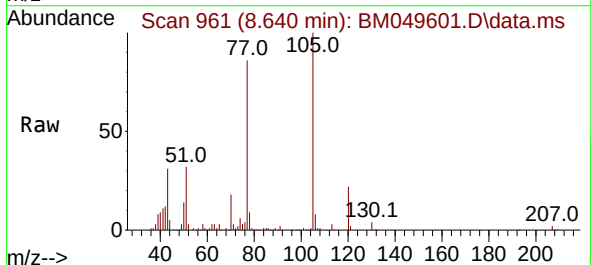
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

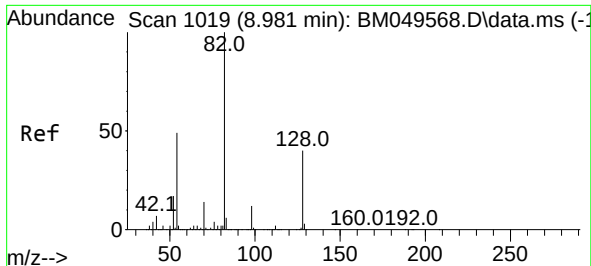
Tgt Ion:136 Resp: 540203
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 6.6 10.0
68 6.3 4.8 7.2



#22
Acetophenone
Concen: 9.705 ng
RT: 8.640 min Scan# 961
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:105 Resp: 141212
Ion Ratio Lower Upper
105 100
71 3.2 3.5 5.3#
51 31.7 21.7 32.5
120 22.1 18.1 27.1

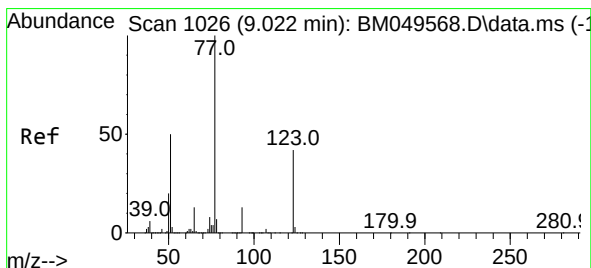
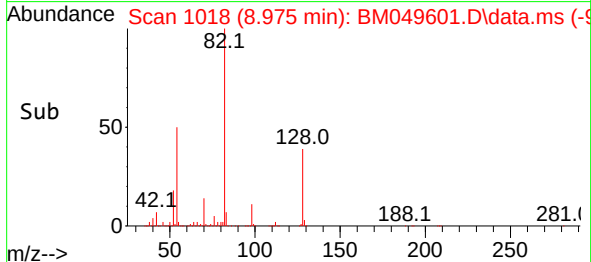
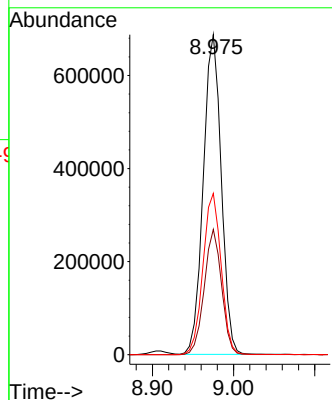
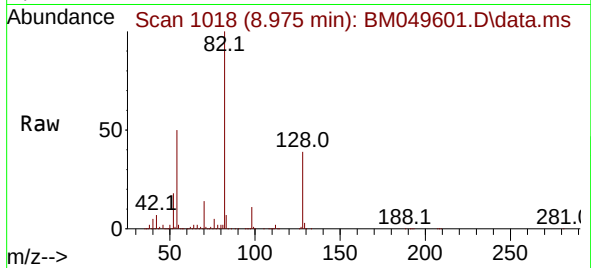




#23
Nitrobenzene-d5
Concen: 100.416 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

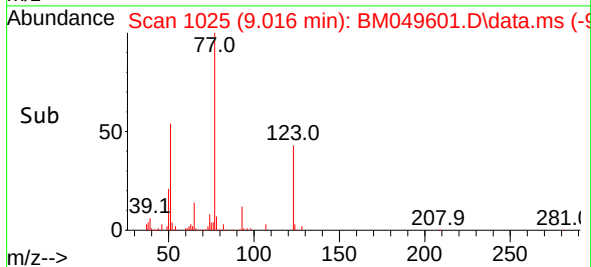
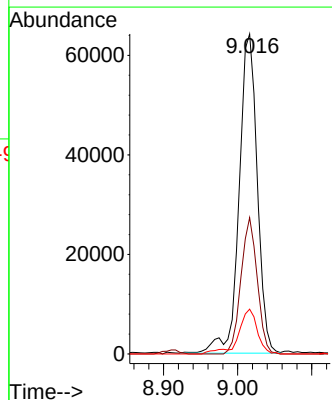
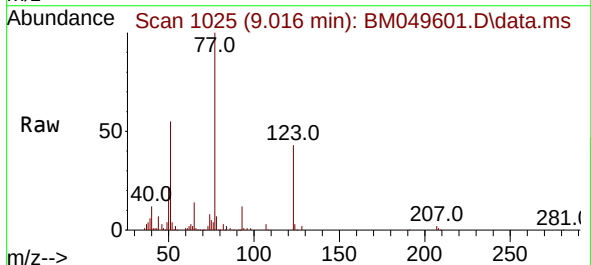
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

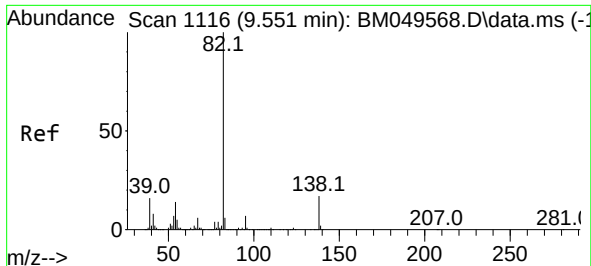
Tgt Ion: 82 Resp: 1054588
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 50.4 39.4 59.0



#24
Nitrobenzene
Concen: 10.670 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 77 Resp: 108868
Ion Ratio Lower Upper
77 100
123 42.6 33.4 50.2
65 14.0 10.5 15.7





#25

Isophorone

Concen: 9.059 ng

RT: 9.546 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM049601.D

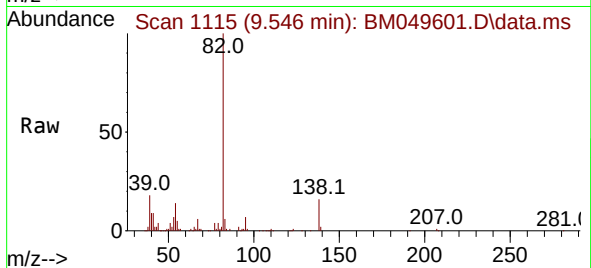
Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025



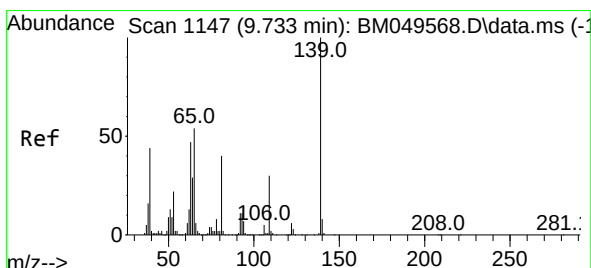
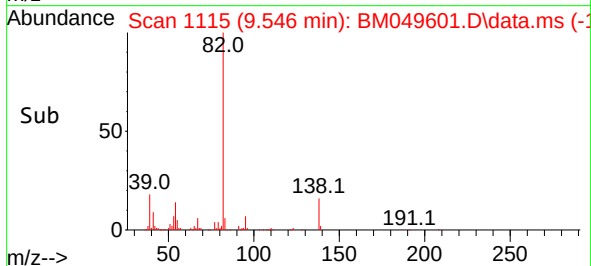
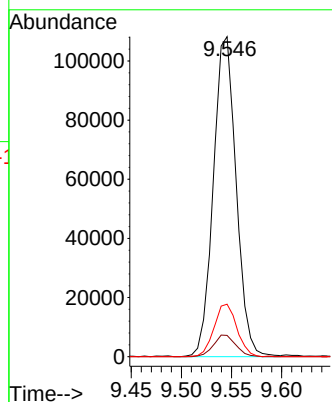
Tgt Ion: 82 Resp: 171581

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 16.4 13.6 20.4



#26

2-Nitrophenol

Concen: 7.604 ng

RT: 9.728 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

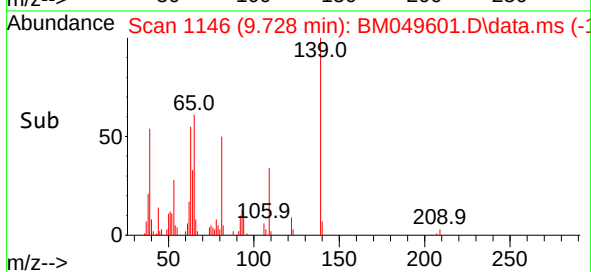
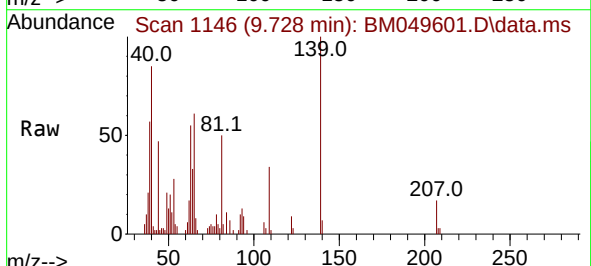
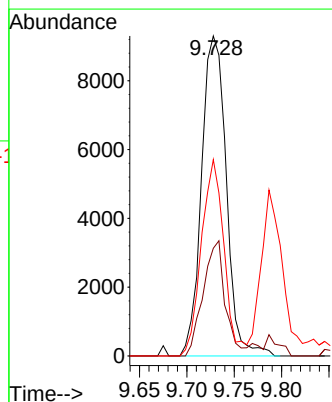
Tgt Ion: 139 Resp: 16892

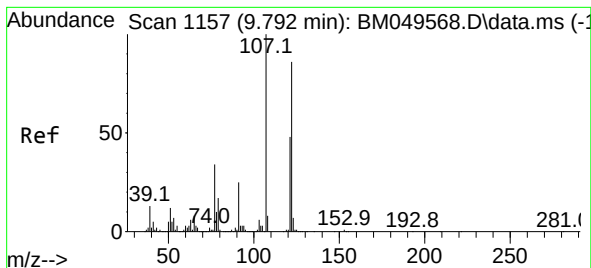
Ion Ratio Lower Upper

139 100

109 33.6 24.2 36.2

65 61.4 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 9.065 ng

RT: 9.787 min Scan# 1156

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

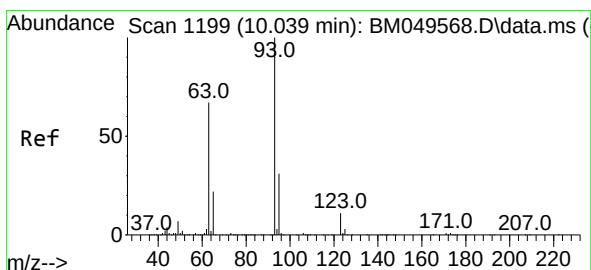
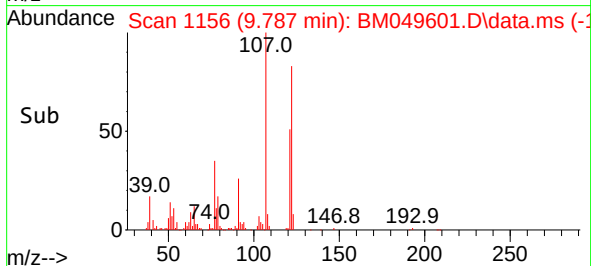
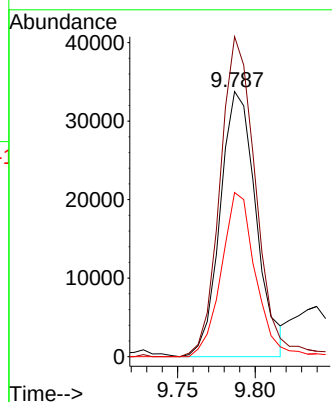
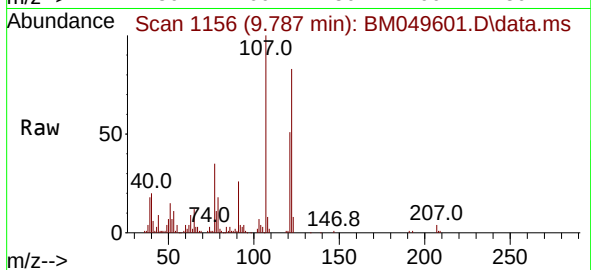
Tgt Ion:122 Resp: 54287

Ion Ratio Lower Upper

122 100

107 120.7 93.2 139.8

121 61.9 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.116 ng

RT: 10.028 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

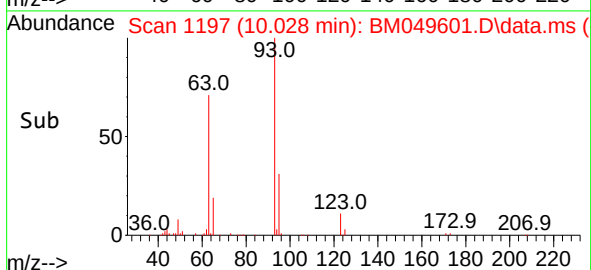
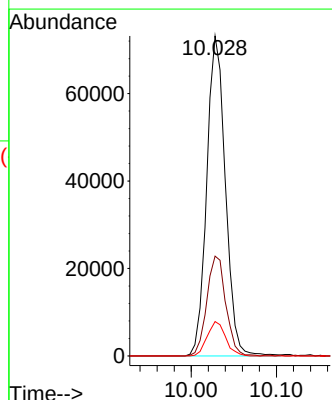
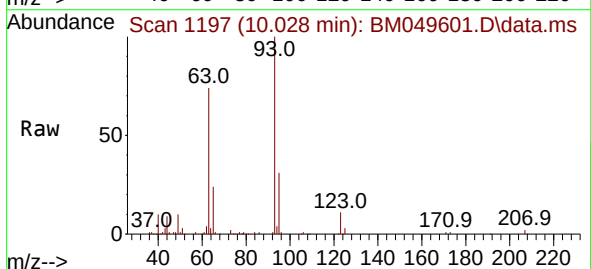
Tgt Ion: 93 Resp: 111198

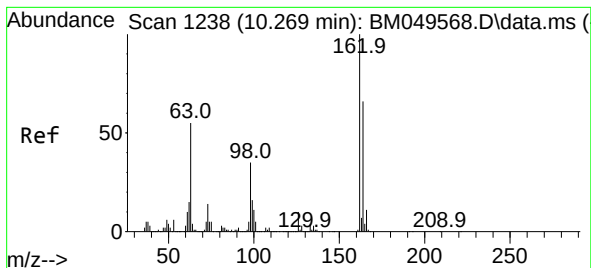
Ion Ratio Lower Upper

93 100

95 31.2 25.2 37.8

123 10.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 7.725 ng

RT: 10.263 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

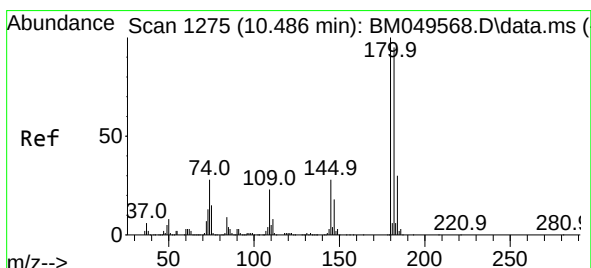
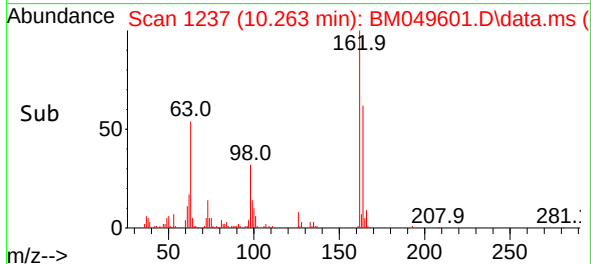
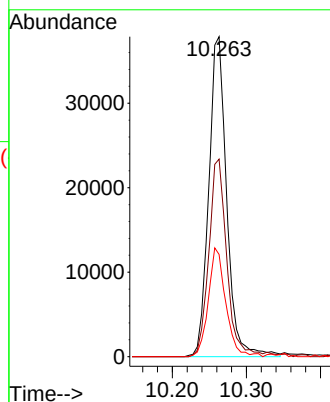
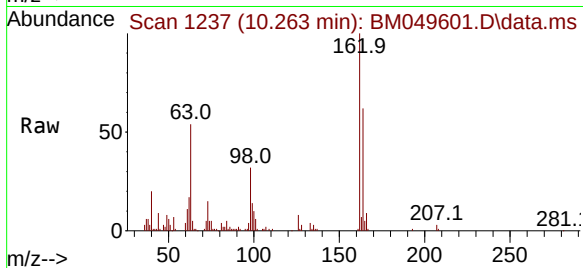
Tgt Ion:162 Resp: 63713

Ion Ratio Lower Upper

162 100

164 61.8 46.0 86.0

98 31.9 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 9.255 ng

RT: 10.481 min Scan# 1274

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

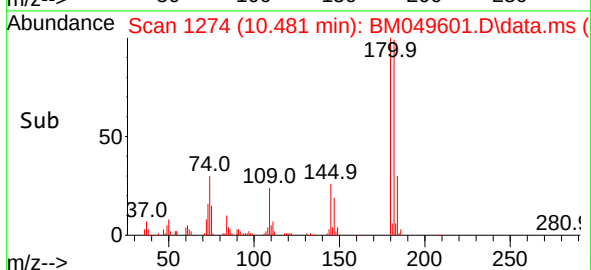
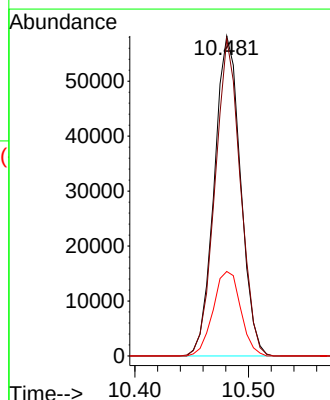
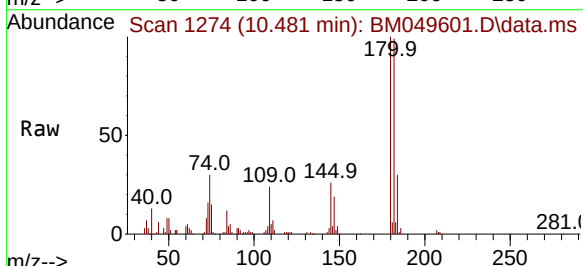
Tgt Ion:180 Resp: 93515

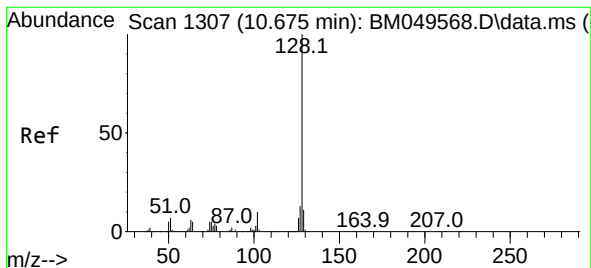
Ion Ratio Lower Upper

180 100

182 99.1 76.4 114.6

145 26.4 22.5 33.7





#31

Naphthalene

Concen: 9.134 ng

RT: 10.669 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

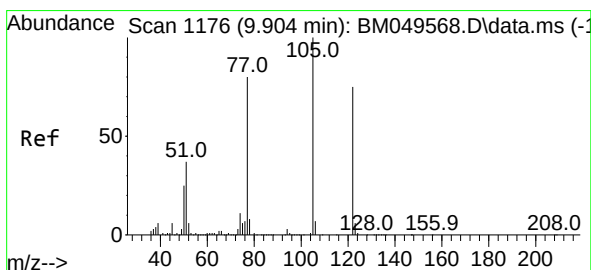
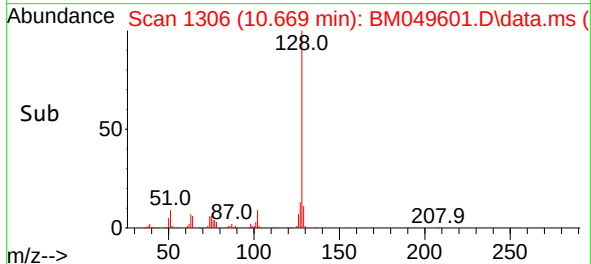
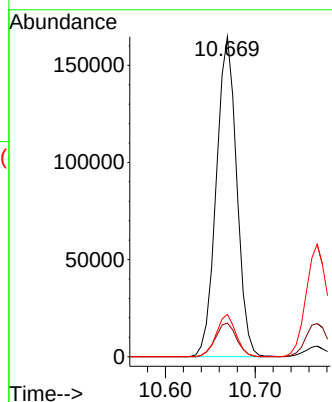
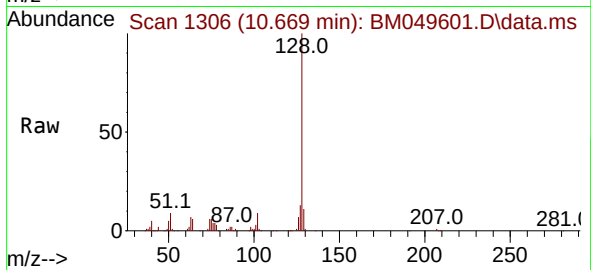
Tgt Ion:128 Resp: 260246

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 8.133 ng

RT: 9.840 min Scan# 1165

Delta R.T. -0.064 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

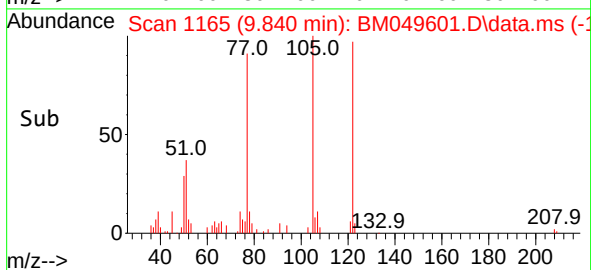
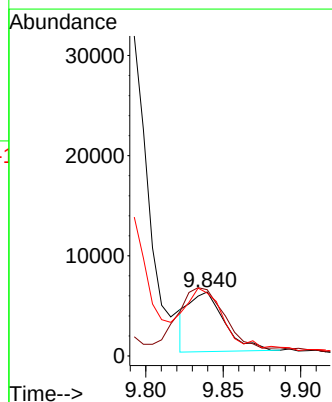
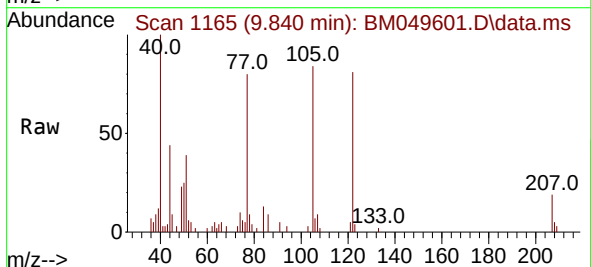
Tgt Ion:122 Resp: 9477

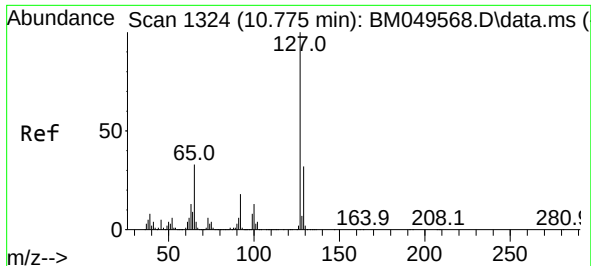
Ion Ratio Lower Upper

122 100

105 103.4 103.6 143.6#

77 98.2 82.4 122.4

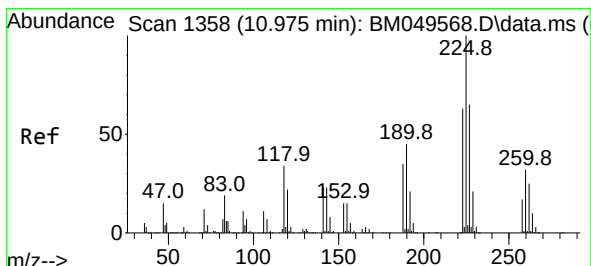
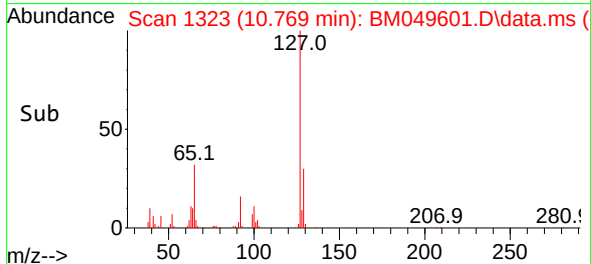
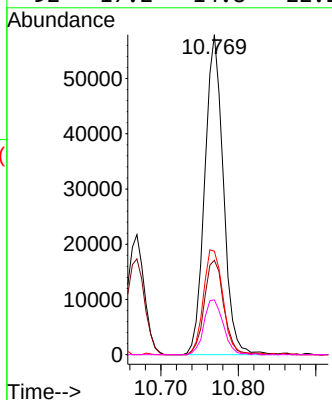
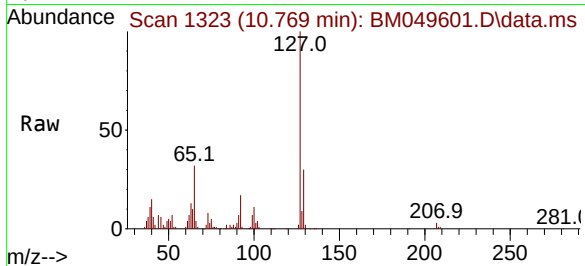




#33
4-Chloroaniline
Concen: 9.066 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

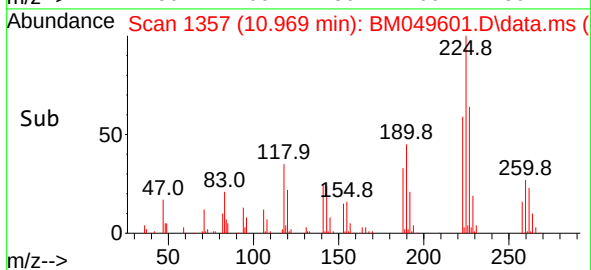
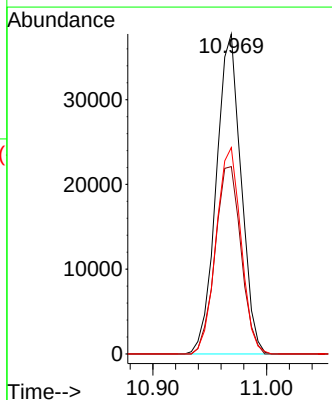
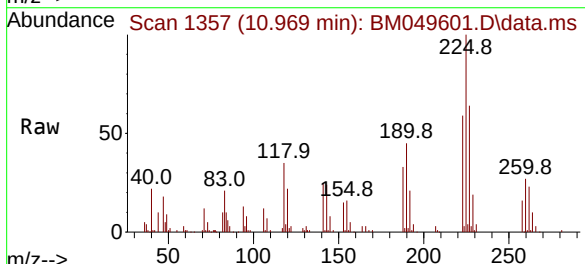
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

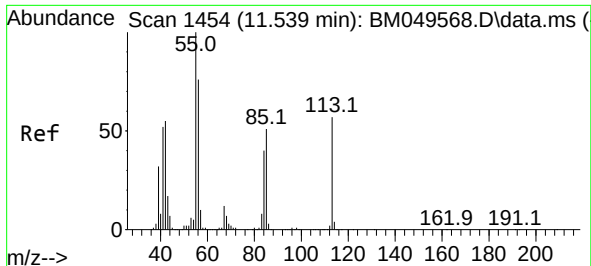
Tgt Ion:127	Resp:	96679
Ion Ratio	Lower	Upper
127	100	
129	29.5	25.8 38.8
65	32.4	26.4 39.6
92	17.2	14.8 22.2



#34
Hexachlorobutadiene
Concen: 9.470 ng
RT: 10.969 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:225	Resp:	57303
Ion Ratio	Lower	Upper
225	100	
223	61.4	50.6 75.8
227	64.5	51.8 77.6

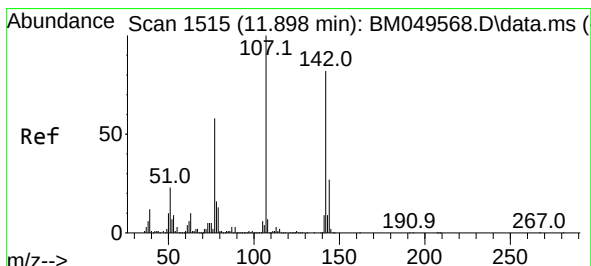
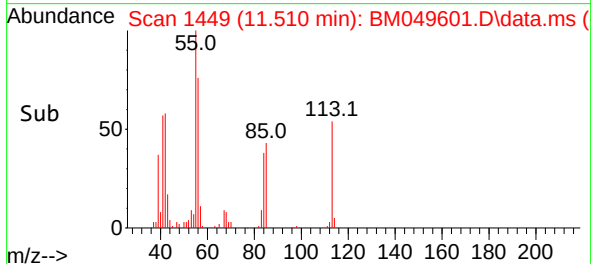
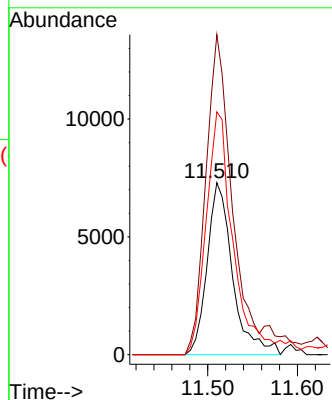
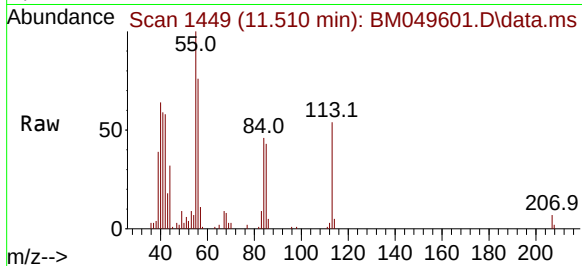




#35
 Caprolactam
 Concen: 5.719 ng
 RT: 11.510 min Scan# 1449
 Delta R.T. -0.029 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

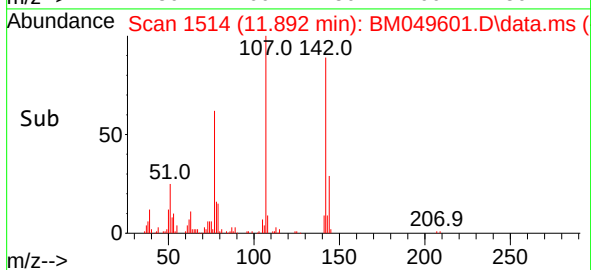
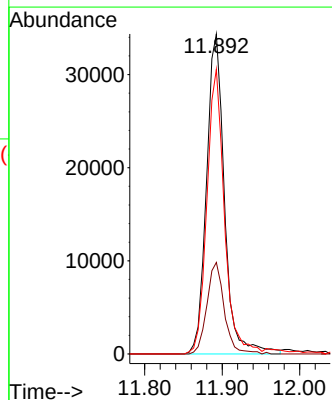
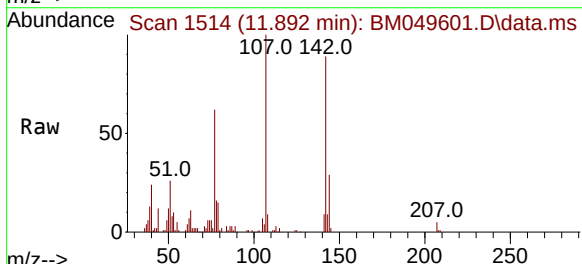
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

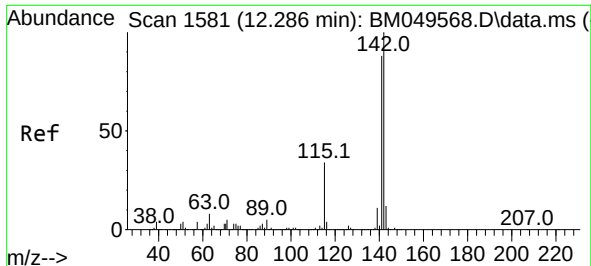
Tgt Ion:	113	Resp:	14389
Ion Ratio	Lower	Upper	
113	100		
55	186.1	157.5	197.5
56	141.3	114.6	154.6



#36
 4-Chloro-3-methylphenol
 Concen: 6.728 ng
 RT: 11.892 min Scan# 1514
 Delta R.T. -0.005 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

Tgt Ion:	107	Resp:	55335
Ion Ratio	Lower	Upper	
107	100		
144	28.6	21.2	31.8
142	88.9	65.4	98.2

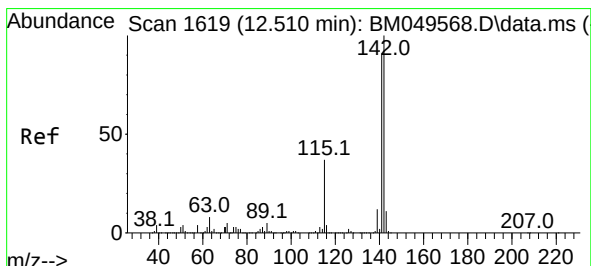
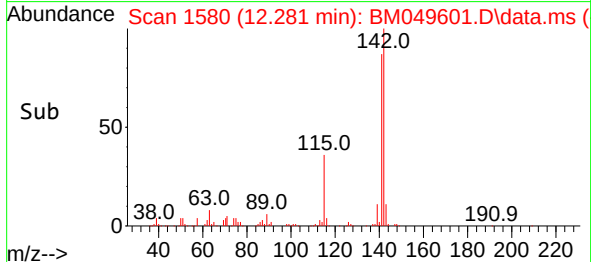
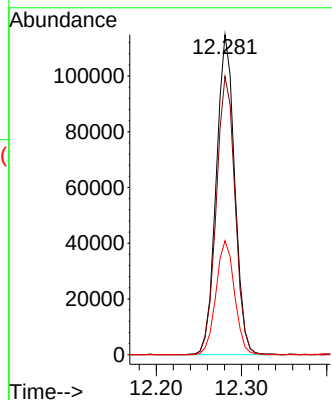
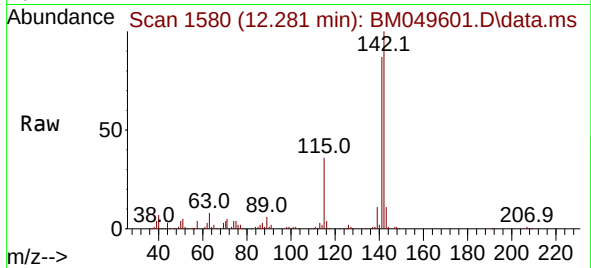




#37
2-Methylnaphthalene
Concen: 8.613 ng
RT: 12.281 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

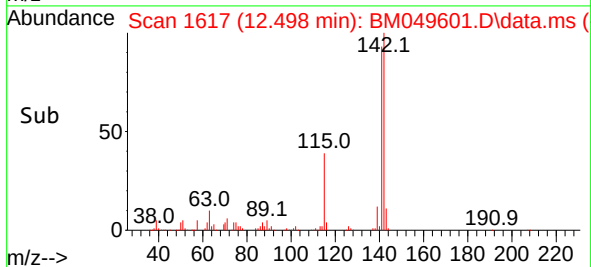
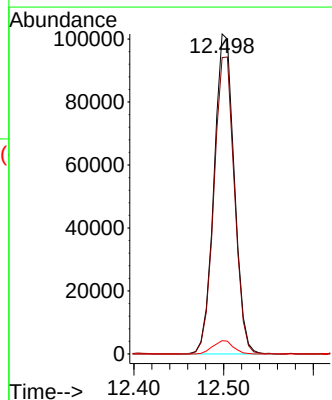
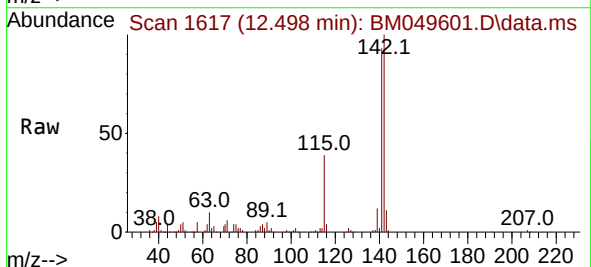
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

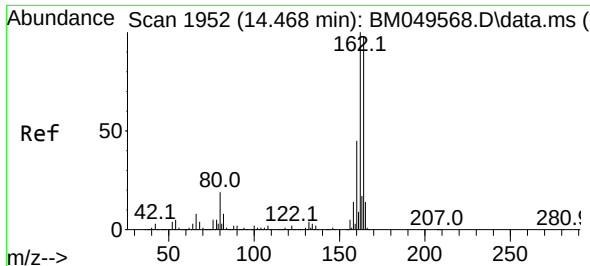
Tgt Ion:142 Resp: 172771
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.4
115 35.6 27.5 41.3



#38
1-Methylnaphthalene
Concen: 8.167 ng
RT: 12.498 min Scan# 1617
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:142 Resp: 159402
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7
116 4.2 3.1 4.7

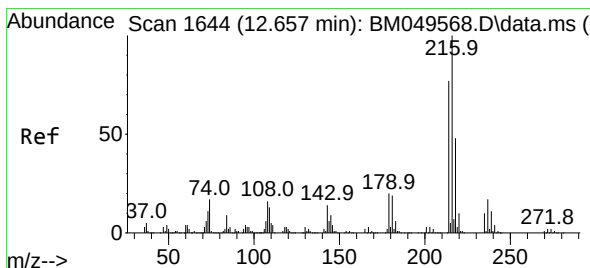
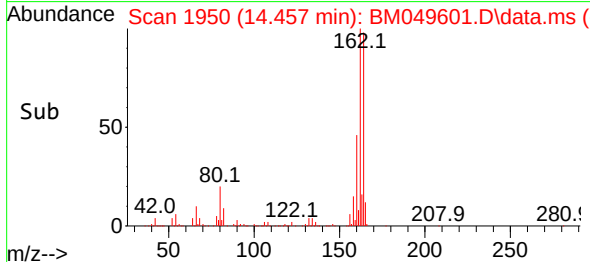
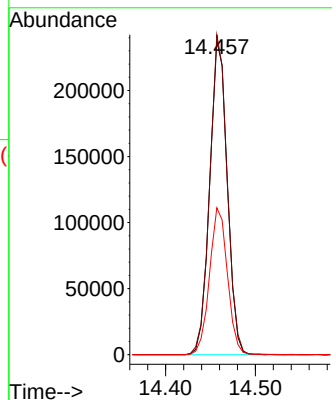
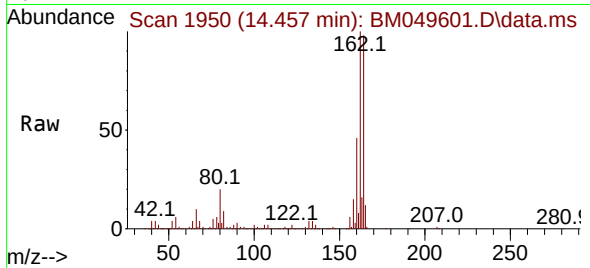




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1952
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

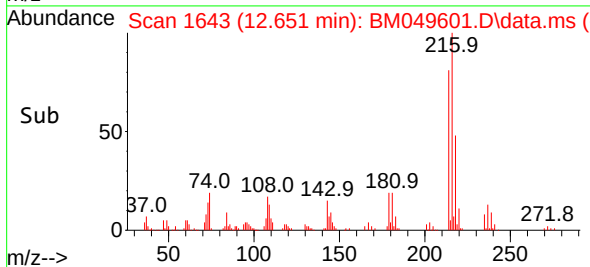
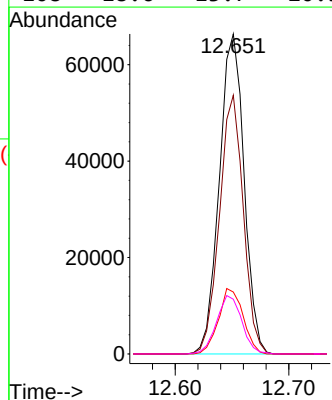
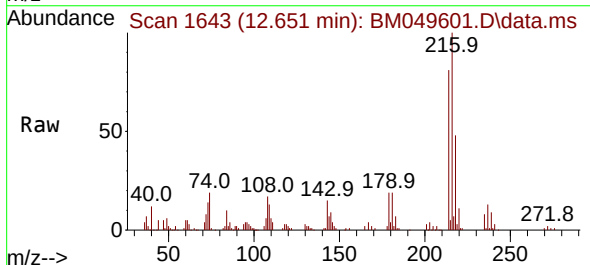
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

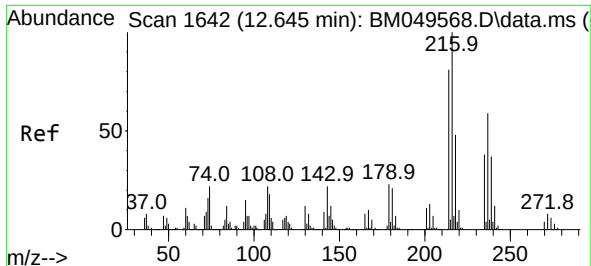
Tgt Ion:164 Resp: 323342
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 46.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.442 ng
RT: 12.651 min Scan# 1643
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:216 Resp: 100381
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 20.4 16.3 24.5
108 18.6 13.7 20.5

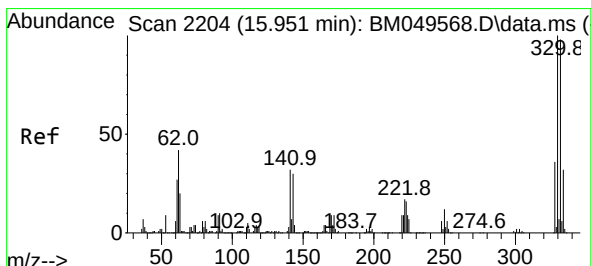
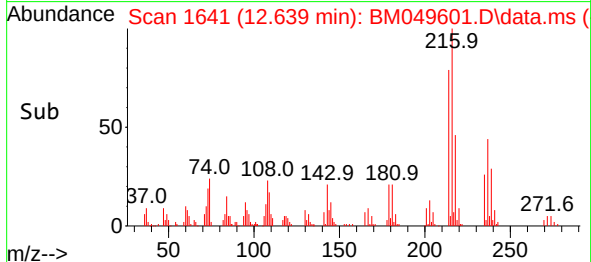
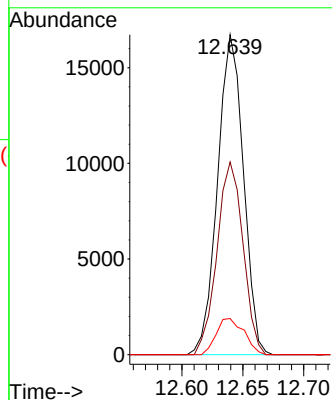
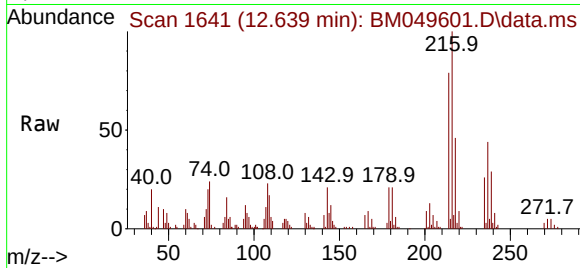




#41
Hexachlorocyclopentadiene
Concen: 9.113 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

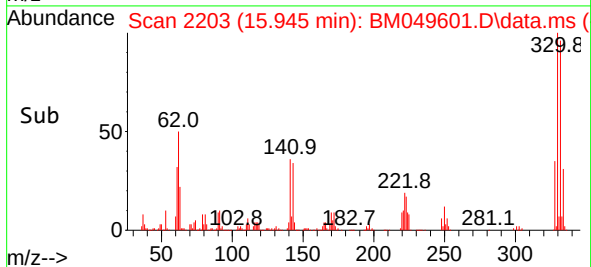
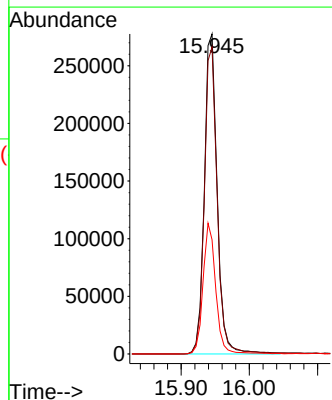
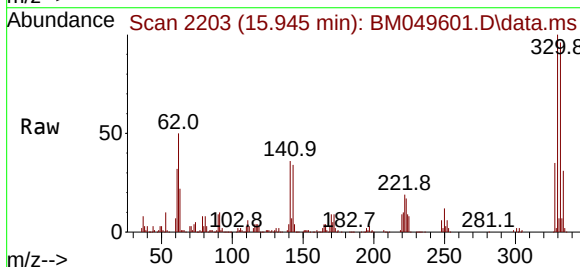
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

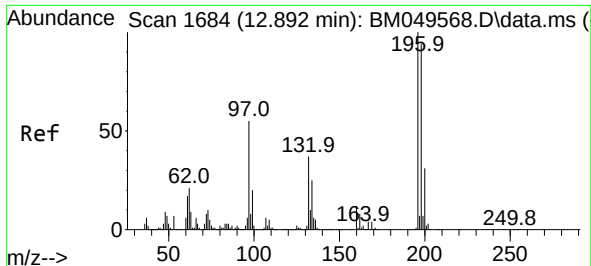
Tgt Ion:237	Resp:	24731
Ion Ratio	Lower	Upper
237	100	
235	60.2	43.8 83.8
272	11.3	0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 95.182 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:330	Resp:	364675
Ion Ratio	Lower	Upper
330	100	
332	95.9	77.3 115.9
141	40.4	28.2 42.2

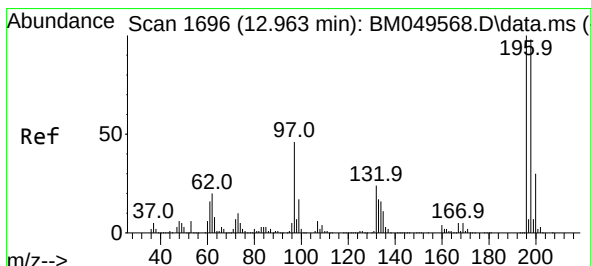
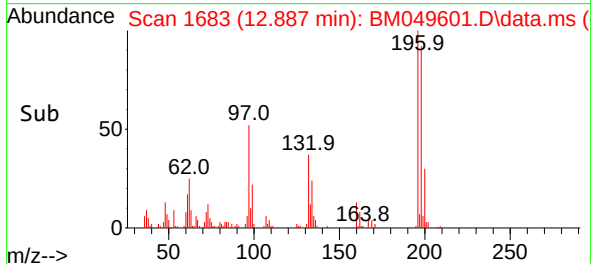
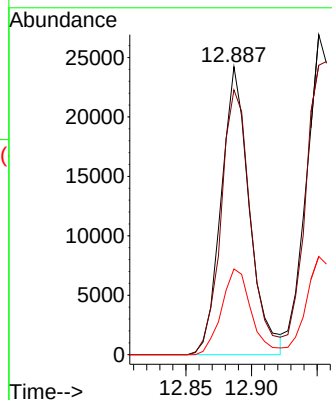
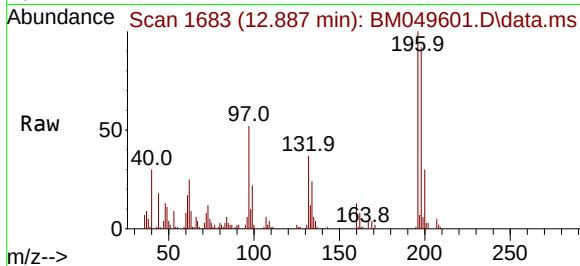




#43
2,4,6-Trichlorophenol
Concen: 6.276 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

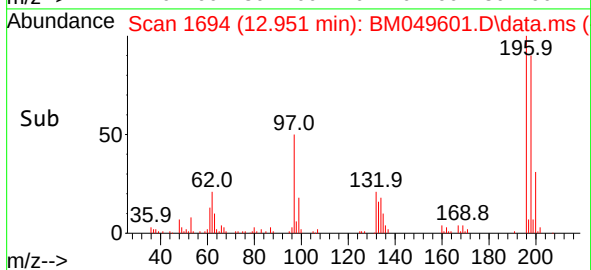
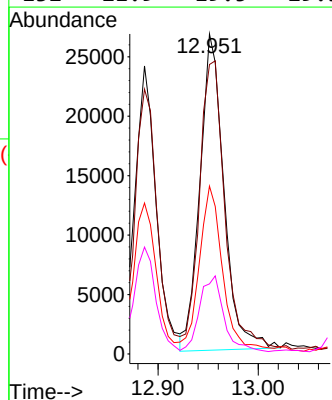
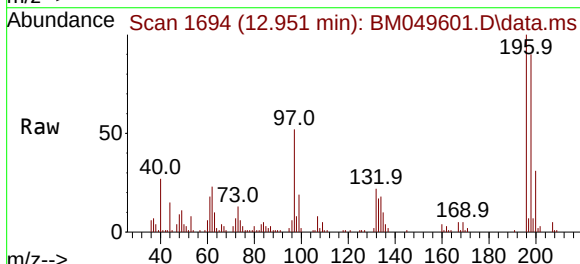
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

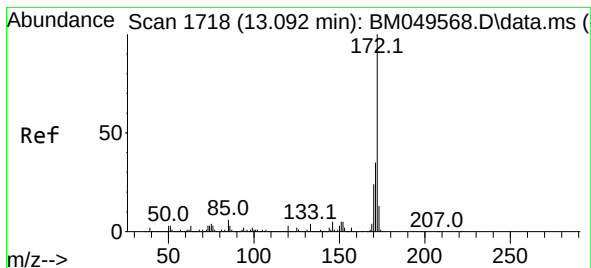
Tgt Ion:196 Resp: 36409
Ion Ratio Lower Upper
196 100
198 91.9 75.4 113.0
200 29.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 6.963 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:196 Resp: 44393
Ion Ratio Lower Upper
196 100
198 90.4 78.4 117.6
97 52.5 37.4 56.0
132 21.9 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 98.286 ng

RT: 13.086 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

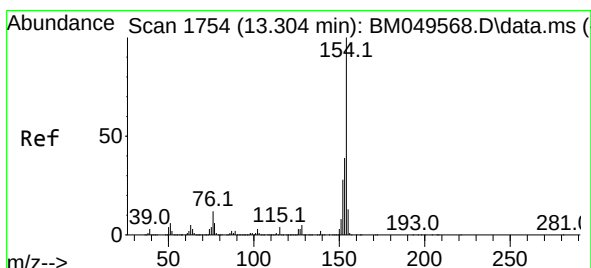
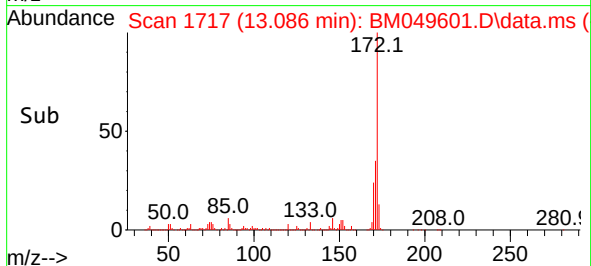
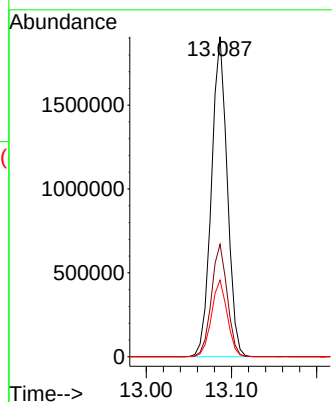
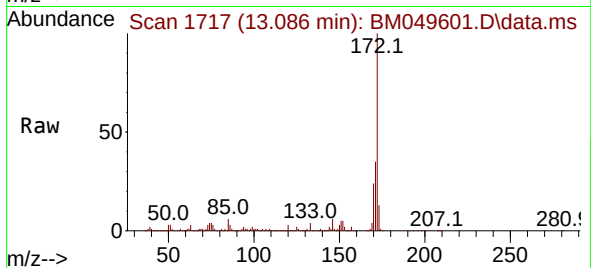
Tgt Ion:172 Resp: 2453188

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 9.564 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

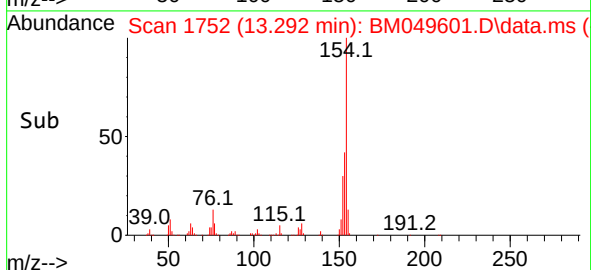
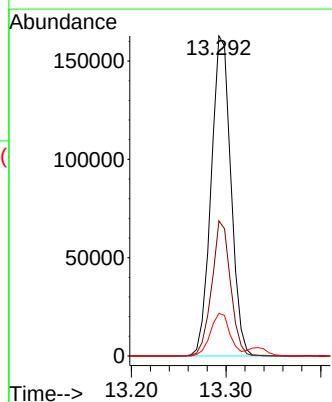
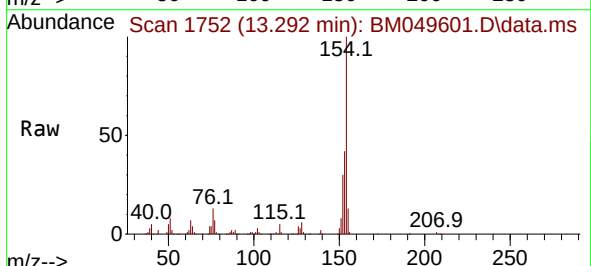
Tgt Ion:154 Resp: 235908

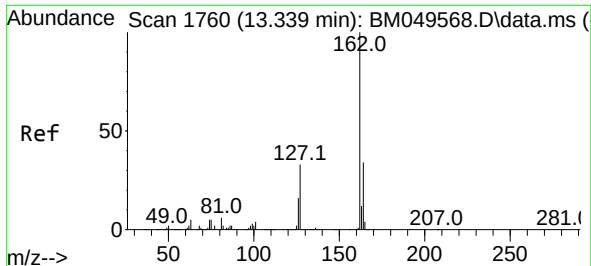
Ion Ratio Lower Upper

154 100

153 42.2 19.5 59.5

76 13.3 0.0 32.1

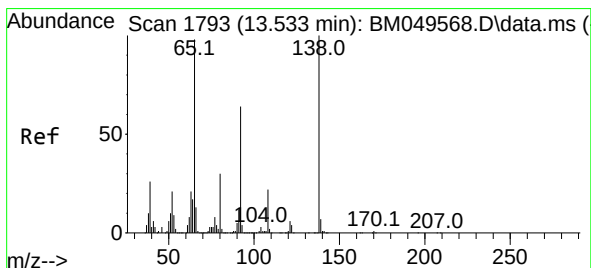
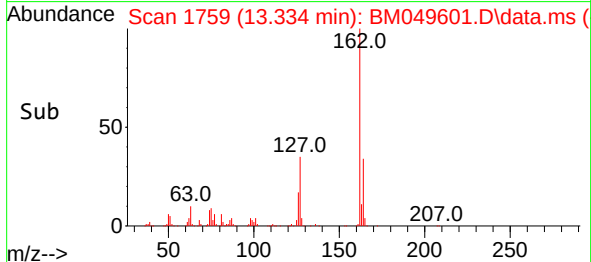
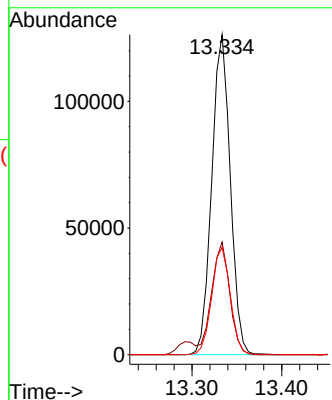
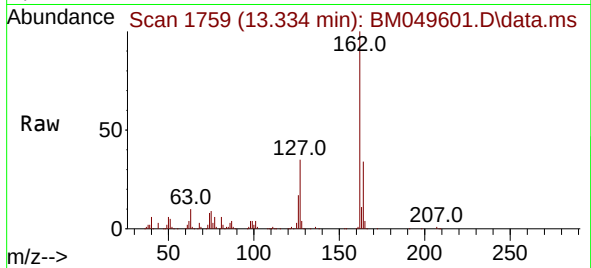




#47
2-Chloronaphthalene
Concen: 9.482 ng
RT: 13.334 min Scan# 1759
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

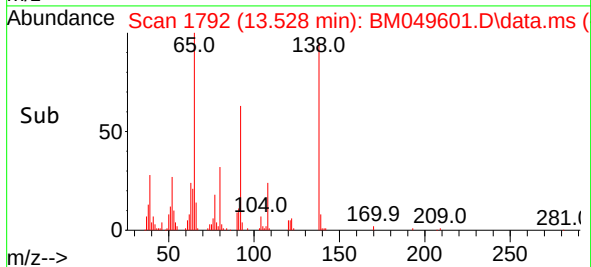
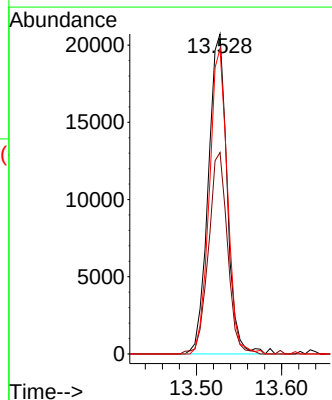
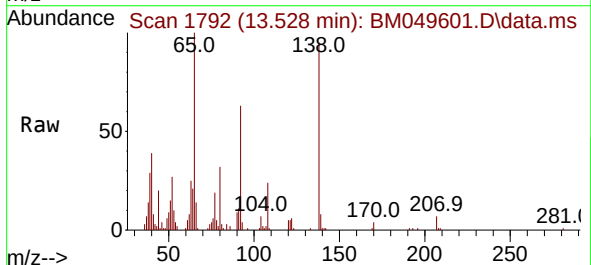
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

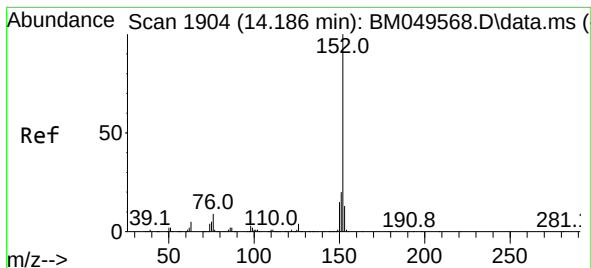
Tgt Ion:162 Resp: 180965
Ion Ratio Lower Upper
162 100
127 35.2 27.9 41.9
164 33.6 26.8 40.2



#48
2-Nitroaniline
Concen: 9.890 ng
RT: 13.528 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion: 65 Resp: 31726
Ion Ratio Lower Upper
65 100
92 62.9 52.0 78.0
138 95.4 81.6 122.4





#49

Acenaphthylene

Concen: 9.435 ng

RT: 14.181 min Scan# 1904

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

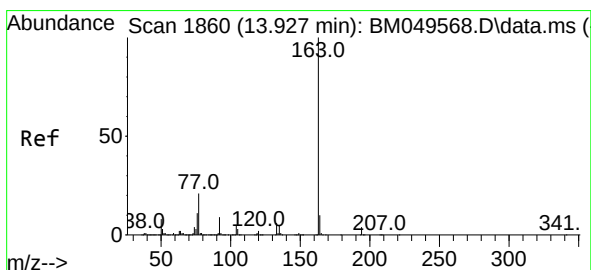
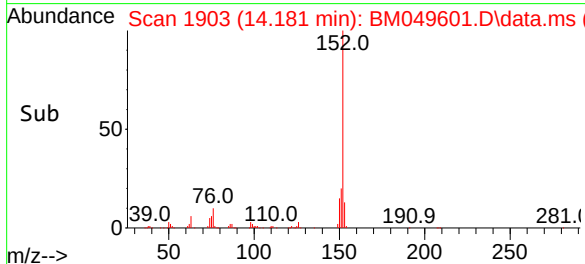
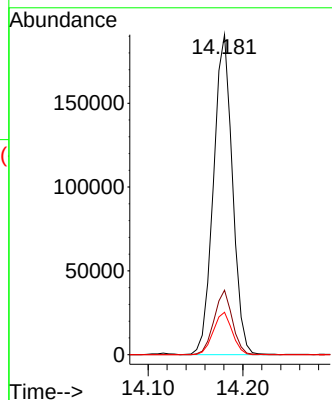
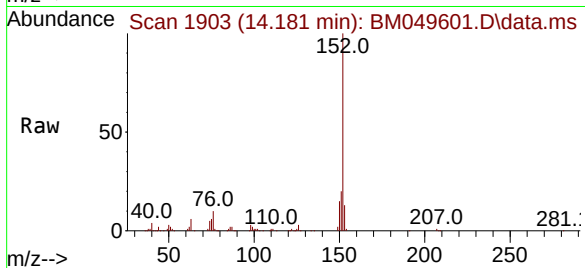
Tgt Ion:152 Resp: 265499

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 8.303 ng

RT: 13.916 min Scan# 1858

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

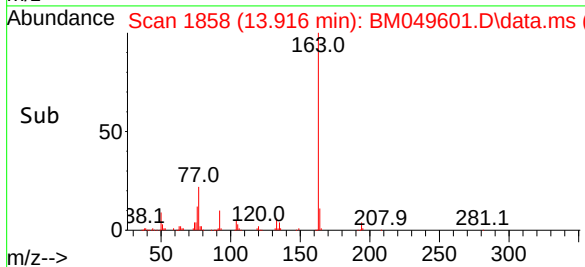
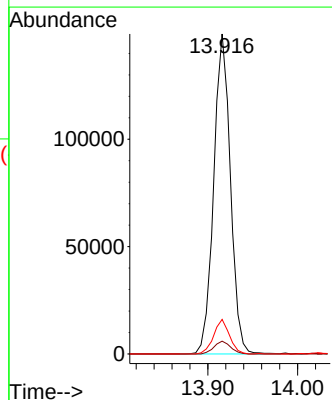
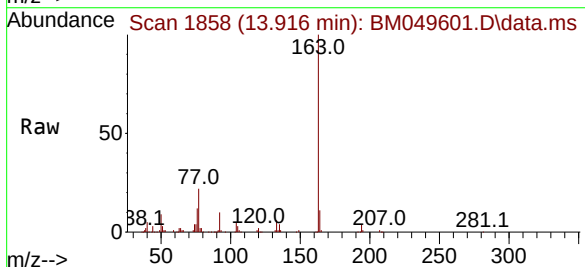
Tgt Ion:163 Resp: 192807

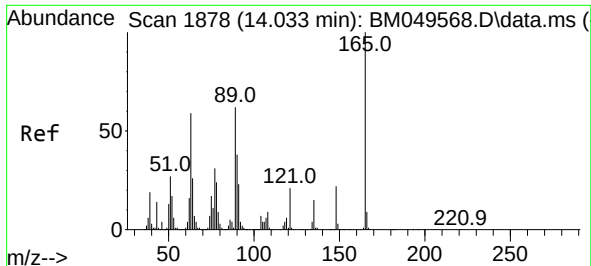
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.8 8.1 12.1

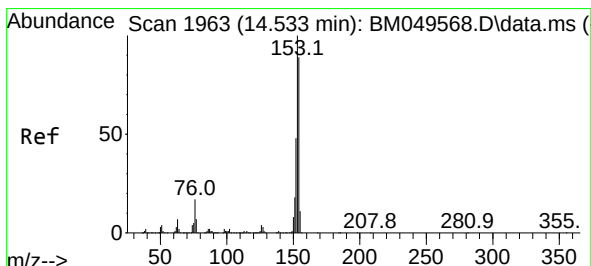
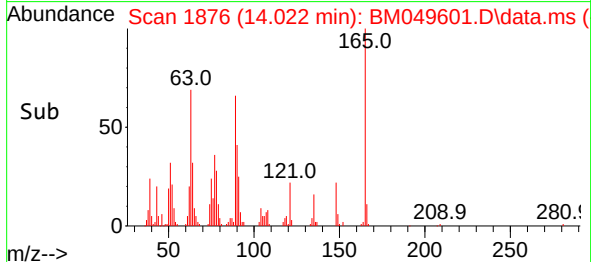
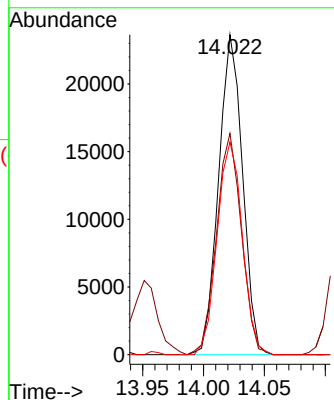
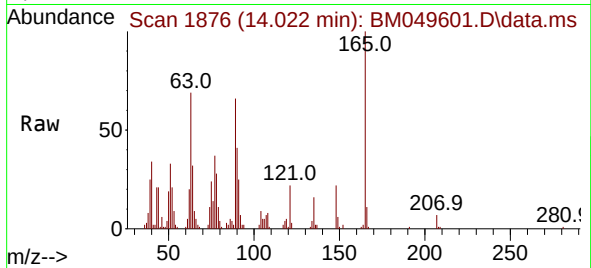




#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

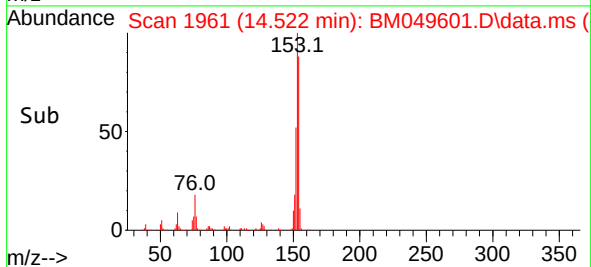
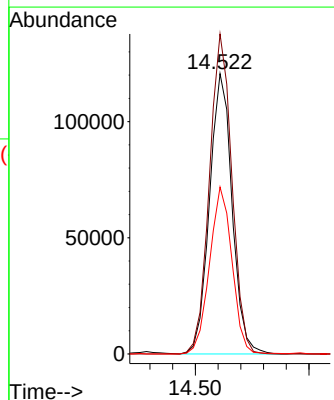
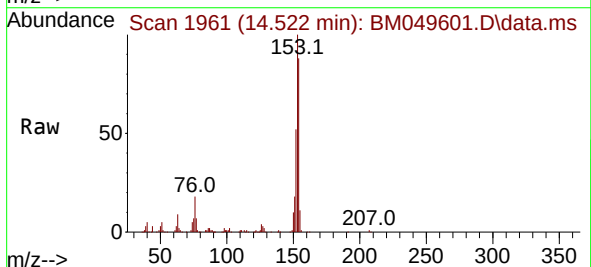
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

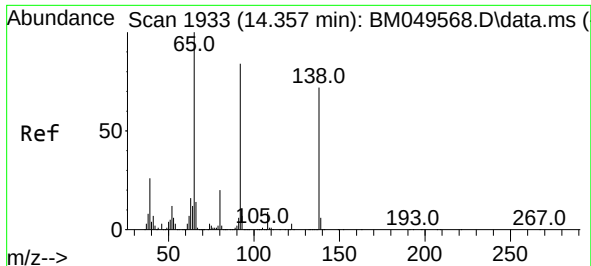
Tgt Ion:165 Resp: 32283
Ion Ratio Lower Upper
165 100
63 69.2 47.8 71.6
89 66.5 49.2 73.8



#52
Acenaphthene
Concen: 8.940 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:154 Resp: 166996
Ion Ratio Lower Upper
154 100
153 114.1 90.0 135.0
152 59.5 43.0 64.4

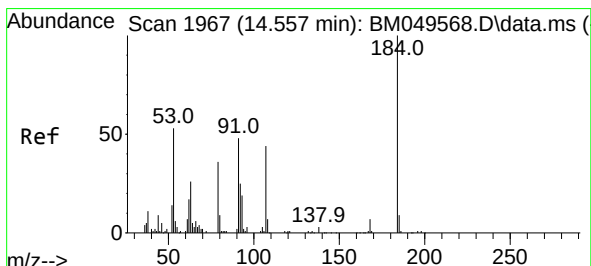
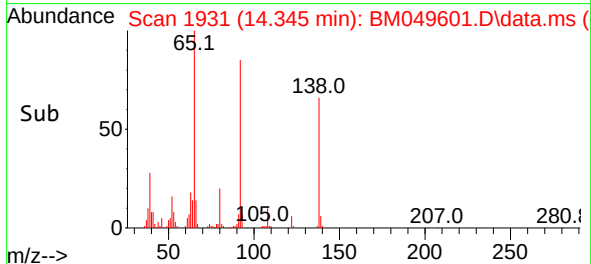
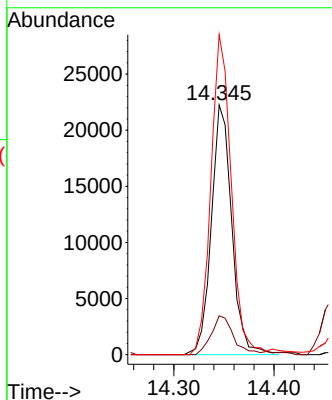
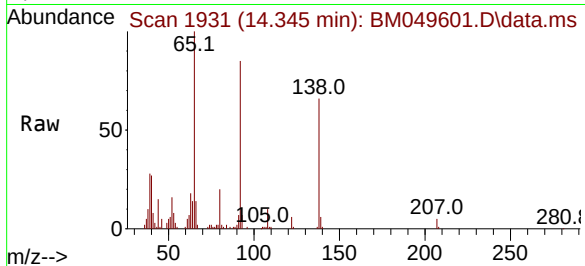




#53
3-Nitroaniline
Concen: 7.692 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

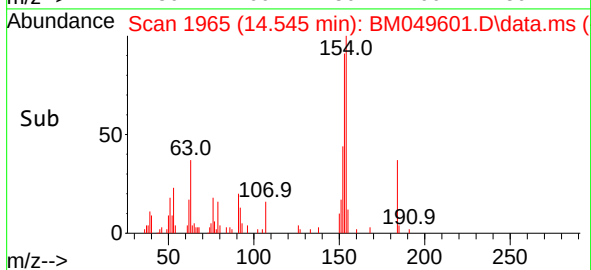
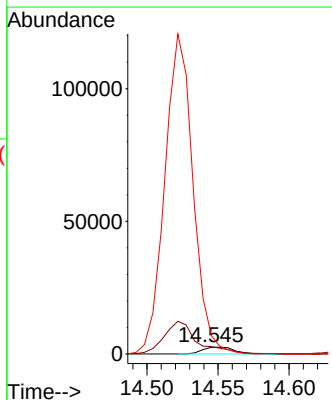
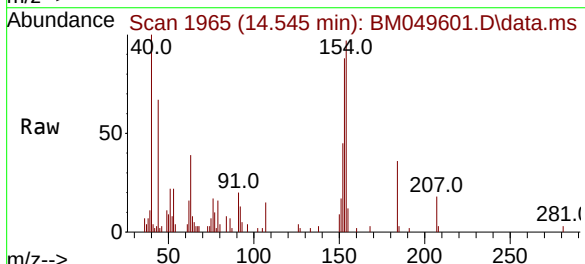
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

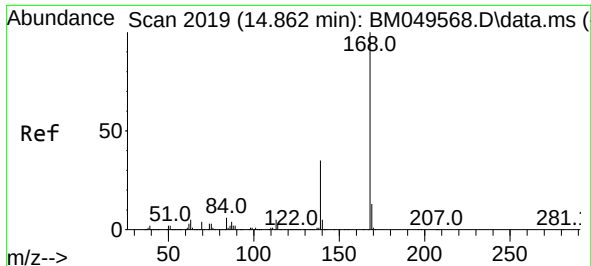
Tgt Ion:138 Resp: 31467
Ion Ratio Lower Upper
138 100
108 15.6 10.3 15.5#
92 128.2 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 8.641 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:184 Resp: 3988
Ion Ratio Lower Upper
184 100
63 109.2 60.2 90.4#
154 271.6 78.2 117.4#

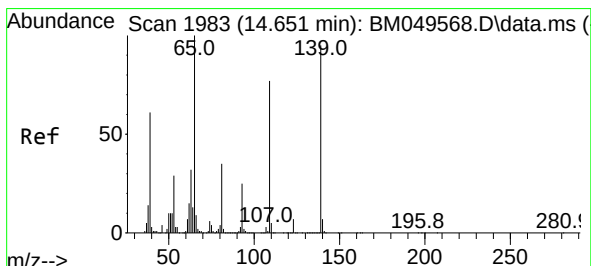
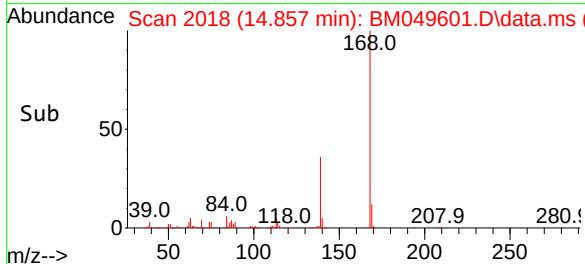
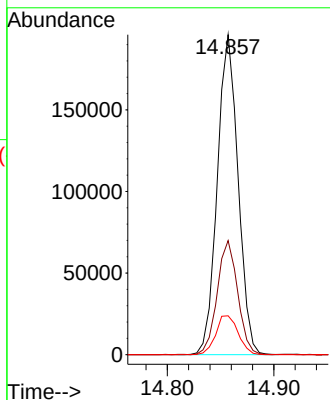
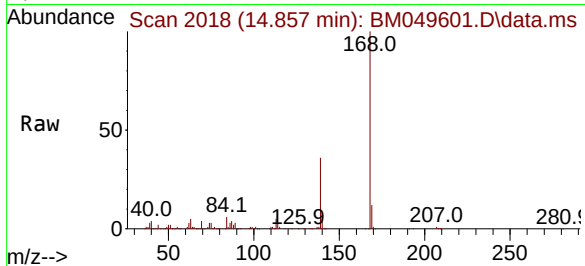




#55
Dibenzenofuran
Concen: 8.905 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

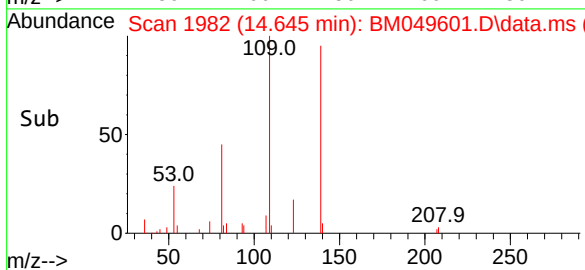
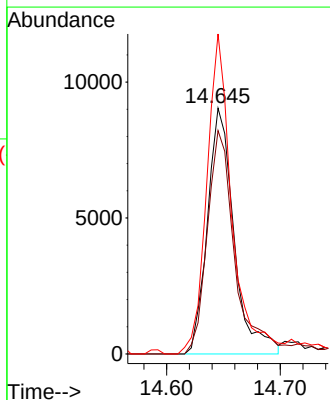
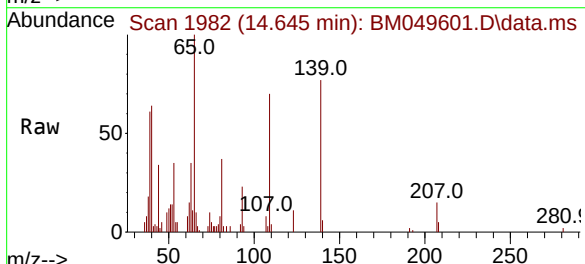
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

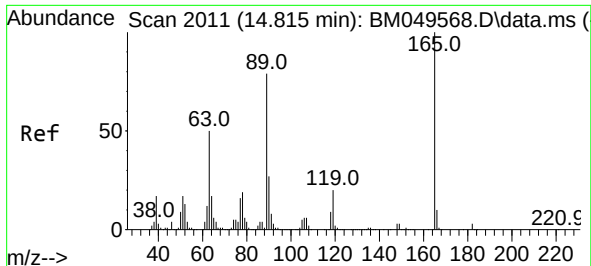
Tgt Ion:168 Resp: 264869
Ion Ratio Lower Upper
168 100
139 35.6 28.4 42.6
169 12.1 10.8 16.2



#56
4-Nitrophenol
Concen: 4.276 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:139 Resp: 14747
Ion Ratio Lower Upper
139 100
109 90.9 61.4 101.4
65 130.2 85.6 125.6#





#57

2,4-Dinitrotoluene

Concen: 9.541 ng

RT: 14.810 min Scan# 20

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:165 Resp: 34837

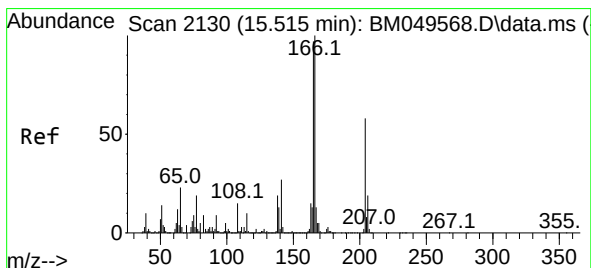
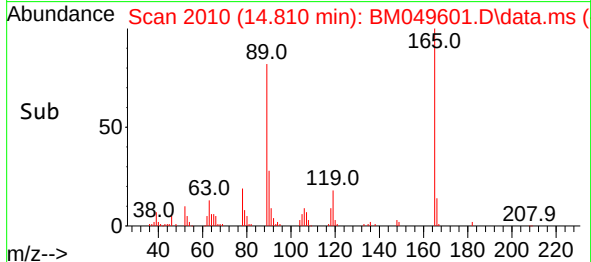
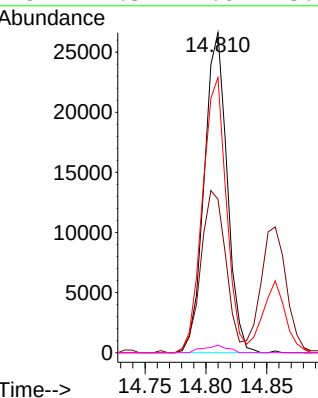
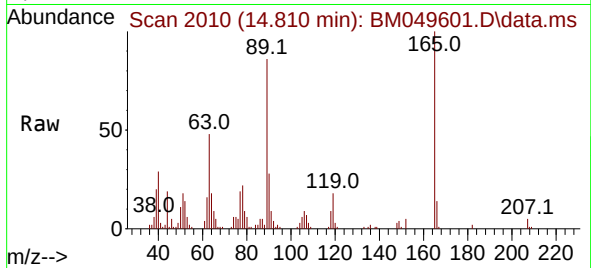
Ion Ratio Lower Upper

165 100

63 47.9 39.8 59.6

89 86.0 63.5 95.3

182 2.3 2.0 3.0



#58

Fluorene

Concen: 8.247 ng

RT: 15.504 min Scan# 2128

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

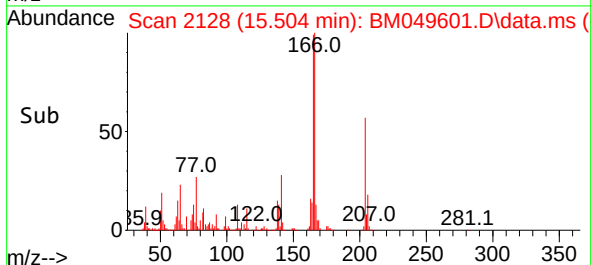
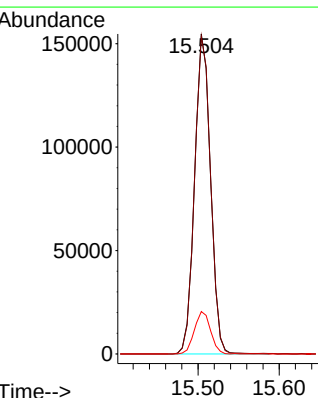
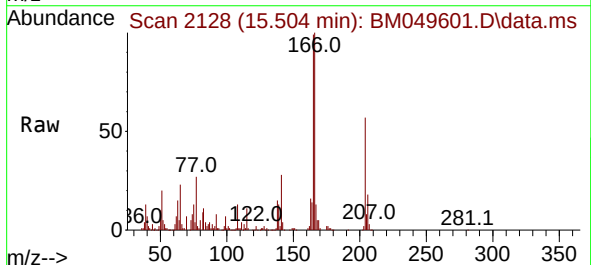
Tgt Ion:166 Resp: 209825

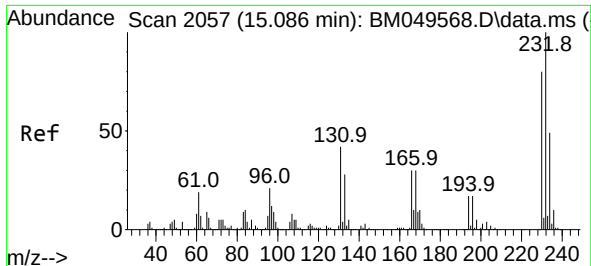
Ion Ratio Lower Upper

166 100

165 99.3 77.7 116.5

167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.146 ng

RT: 14.998 min Scan# 2042

Delta R.T. -0.088 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:232 Resp: 27718

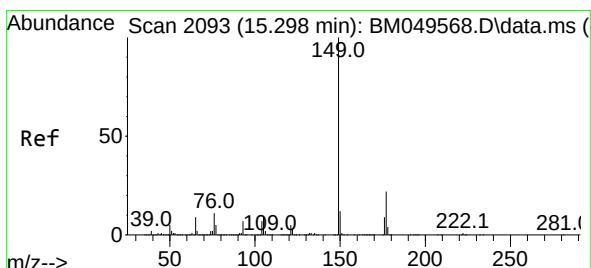
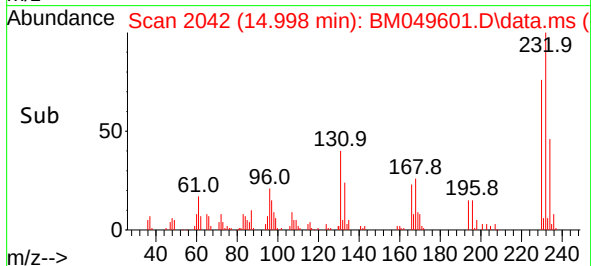
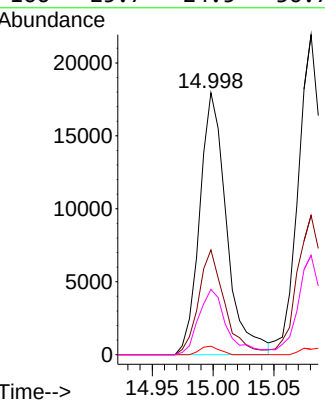
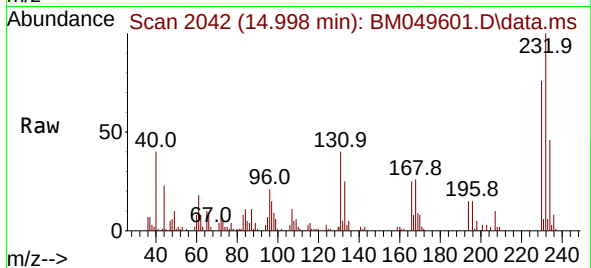
Ion Ratio Lower Upper

232 100

131 38.7 34.5 51.7

130 2.3 1.9 2.9

166 25.7 24.5 36.7



#60

Diethylphthalate

Concen: 7.917 ng

RT: 15.286 min Scan# 2091

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

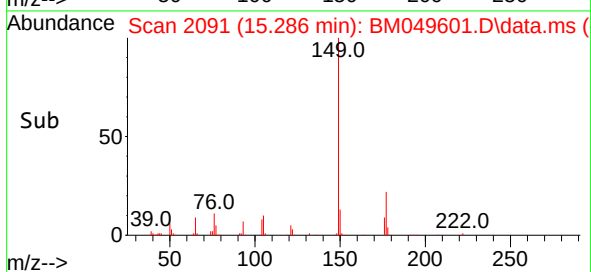
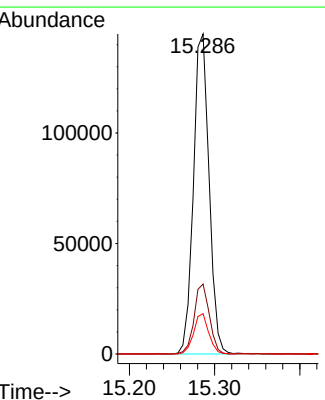
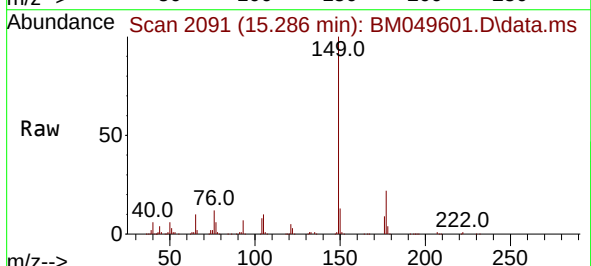
Tgt Ion:149 Resp: 184751

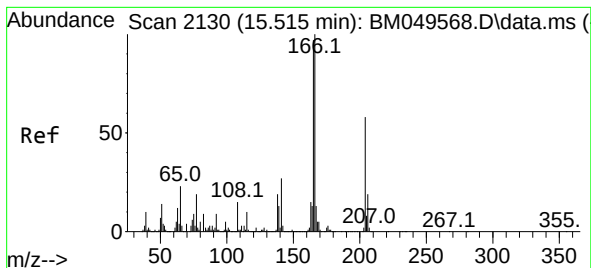
Ion Ratio Lower Upper

149 100

177 21.9 18.0 27.0

150 12.6 9.7 14.5

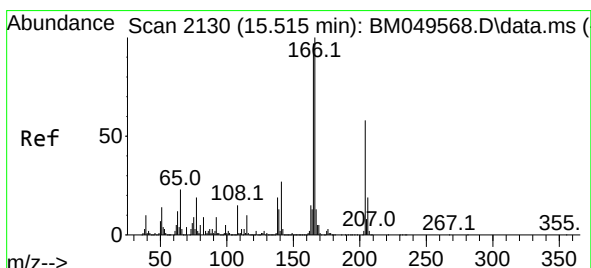
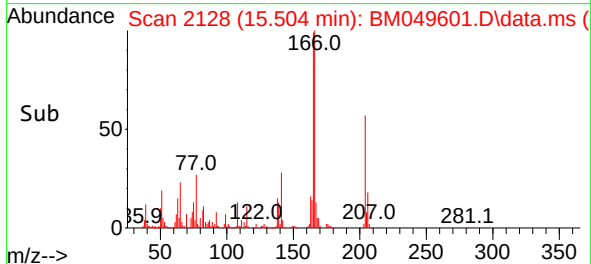
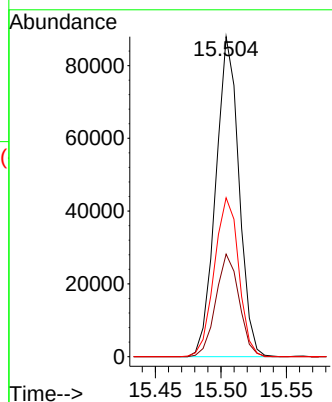
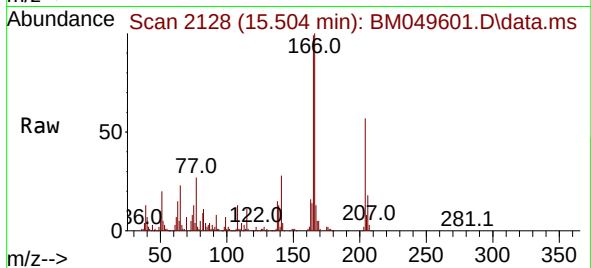




#61
4-Chlorophenyl-phenylether
Concen: 7.986 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

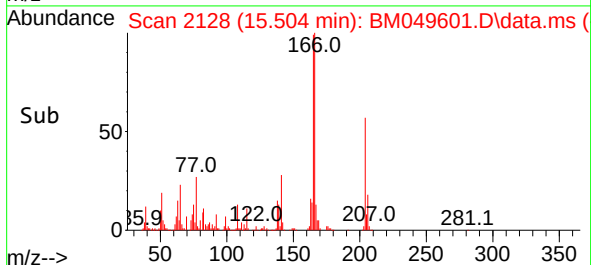
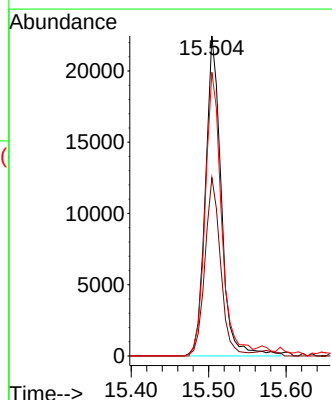
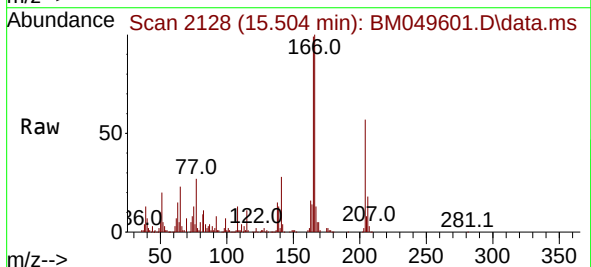
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

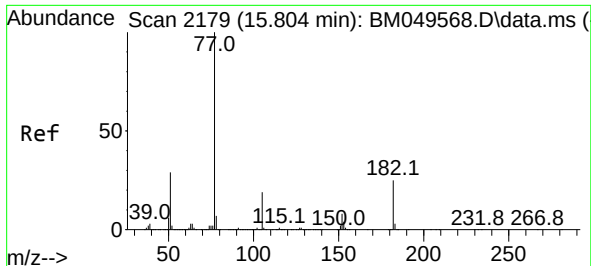
Tgt Ion:204 Resp: 108148
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 49.7 37.1 55.7



#62
4-Nitroaniline
Concen: 9.709 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:138 Resp: 31905
Ion Ratio Lower Upper
138 100
92 55.8 29.3 69.3
108 88.7 60.1 100.1

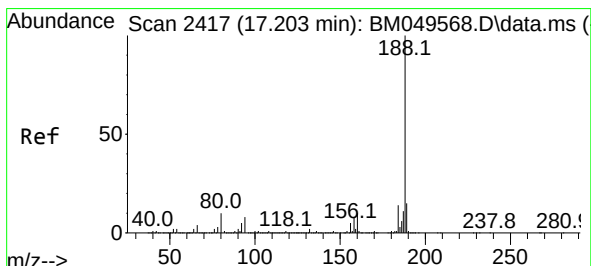
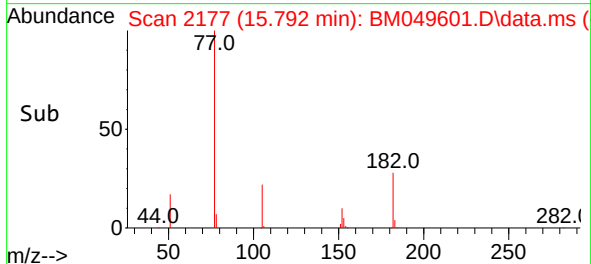
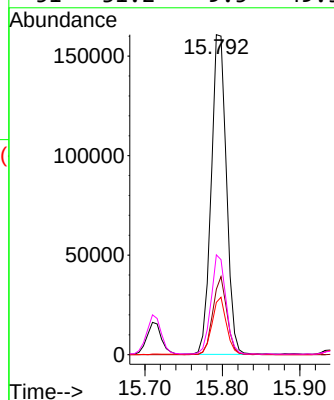
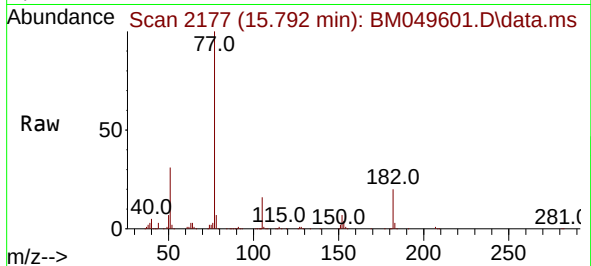




#63
Azobenzene
Concen: 8.989 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

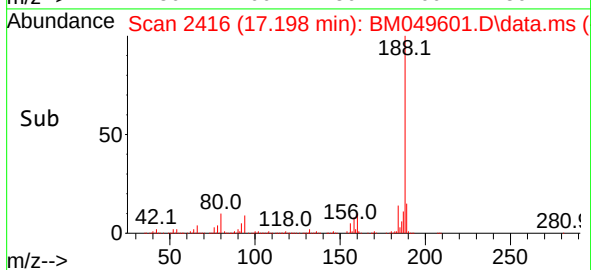
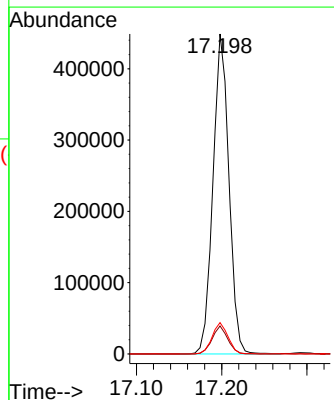
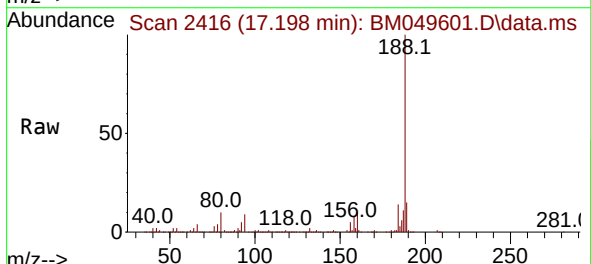
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2025

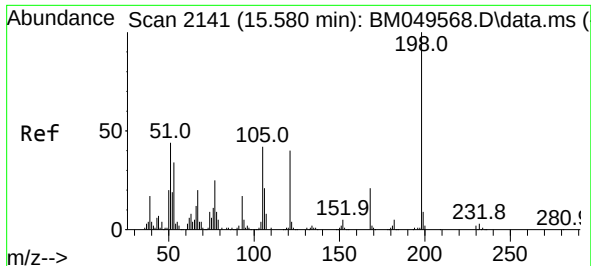
Tgt Ion: 77	Resp: 218946
Ion Ratio	Lower Upper
77 100	
182 20.5	4.7 44.7
105 16.4	0.0 39.3
51 31.2	9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt	Ion:188	Resp:	583765
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.8	7.7	11.5

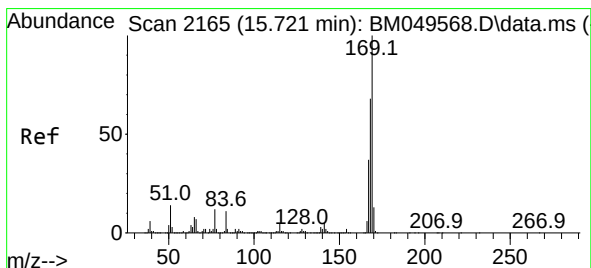
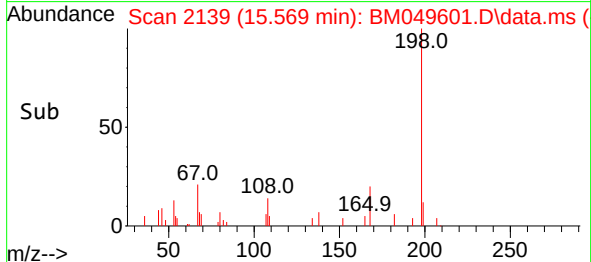
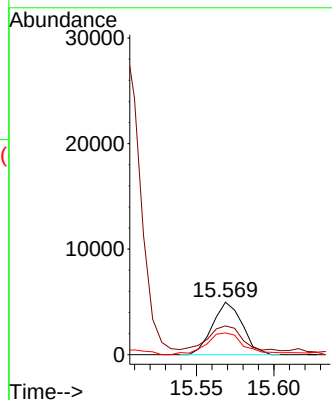
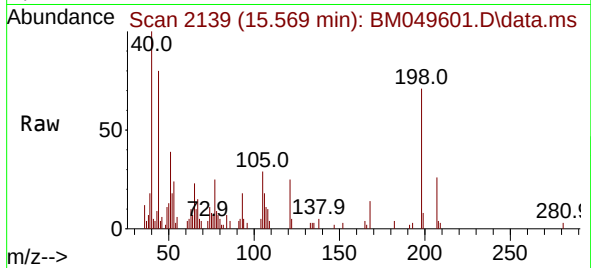




#65
4,6-Dinitro-2-methylphenol
Concen: 9.323 ng
RT: 15.569 min Scan# 2141
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

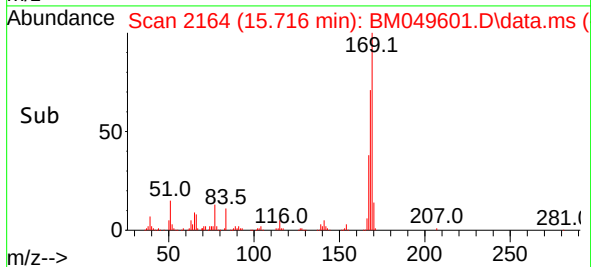
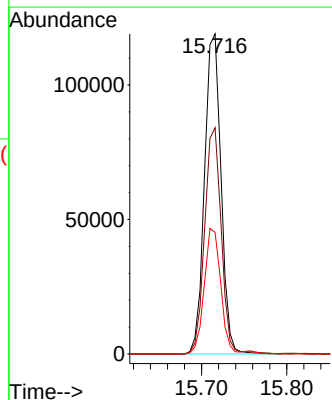
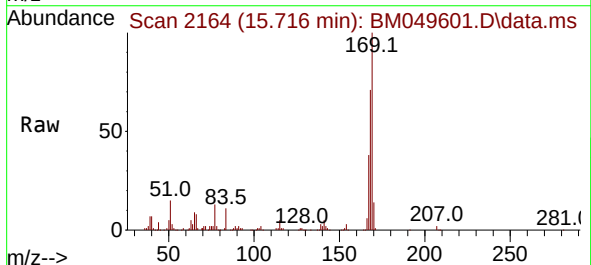
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

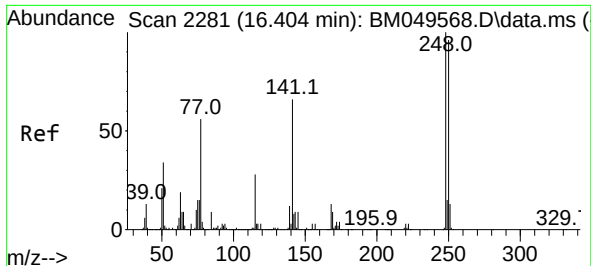
Tgt Ion	198	51	105
Resp:	6644		
Ion Ratio	100	54.9	41.4
Lower		26.9	22.8
Upper		66.9	62.8



#66
n-Nitrosodiphenylamine
Concen: 8.702 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion	169	168	167
Resp:	160204		
Ion Ratio	100	70.7	38.0
Lower		54.2	29.5
Upper		81.4	44.3

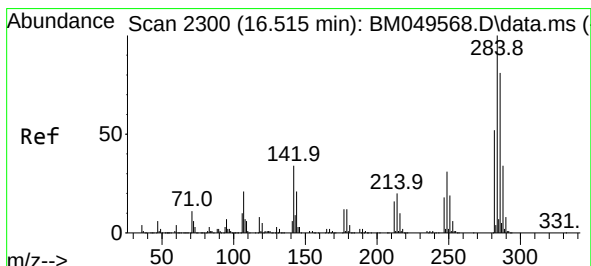
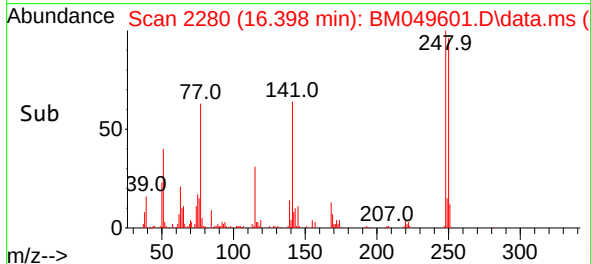
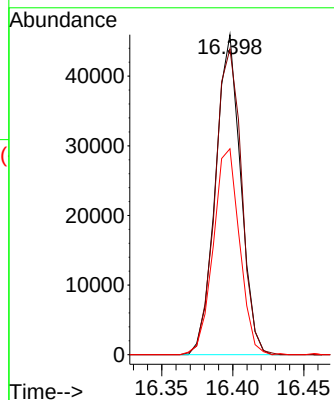
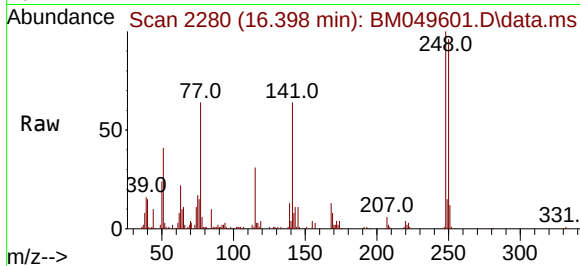




#67
4-Bromophenyl-phenylether
Concen: 8.351 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

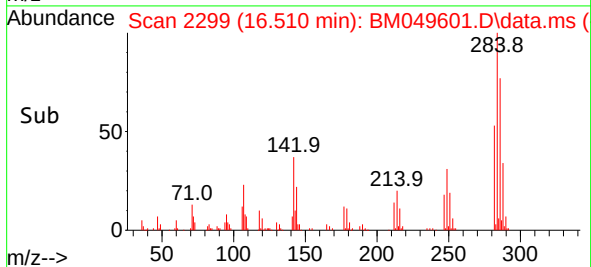
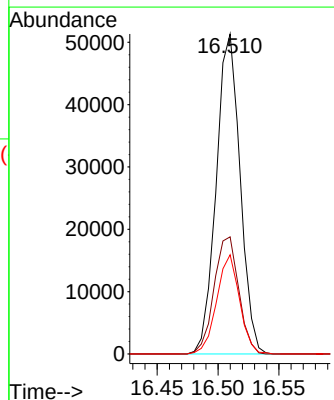
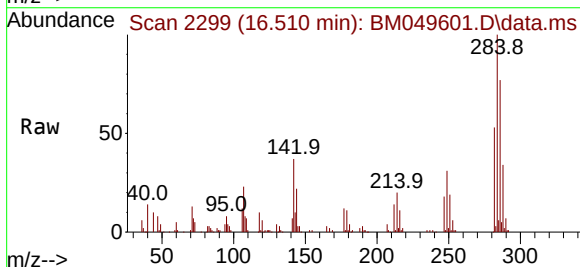
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

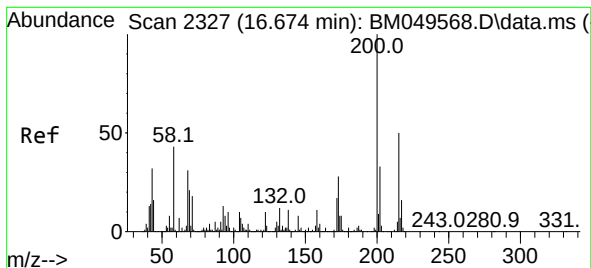
Tgt Ion:248 Resp: 56634
Ion Ratio Lower Upper
248 100
250 95.6 77.0 115.4
141 64.4 53.0 79.4



#68
Hexachlorobenzene
Concen: 8.996 ng
RT: 16.510 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:284 Resp: 70023
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 31.0 24.6 36.8





#69

Atrazine

Concen: 7.981 ng

RT: 16.663 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

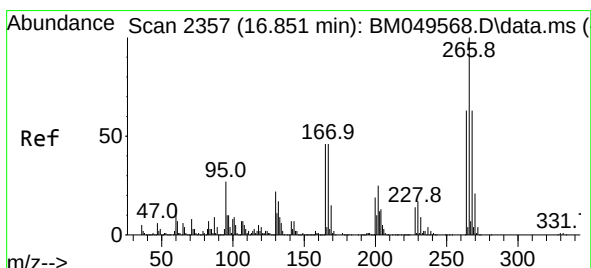
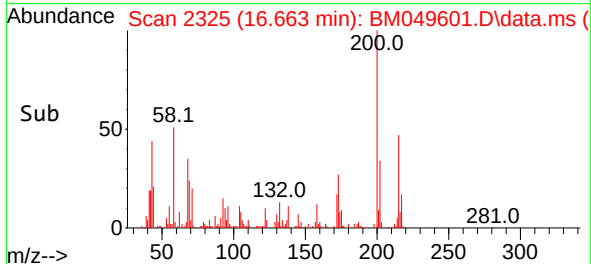
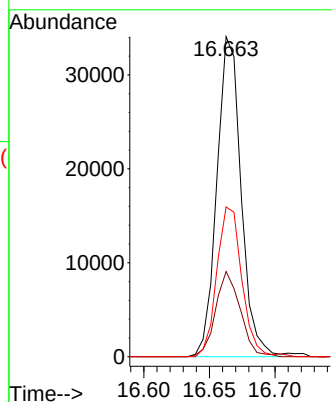
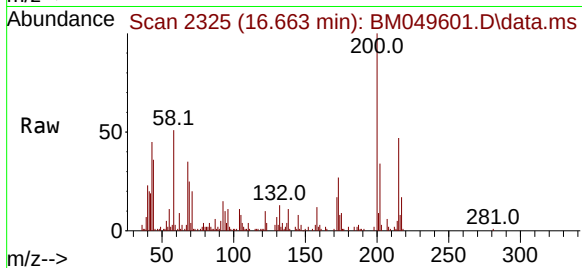
Tgt Ion:200 Resp: 43677

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

215 46.8 30.2 70.2



#70

Pentachlorophenol

Concen: 10.790 ng

RT: 16.845 min Scan# 2356

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

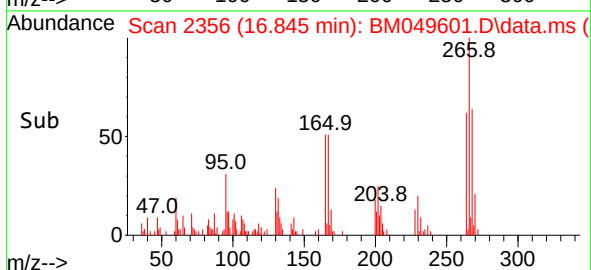
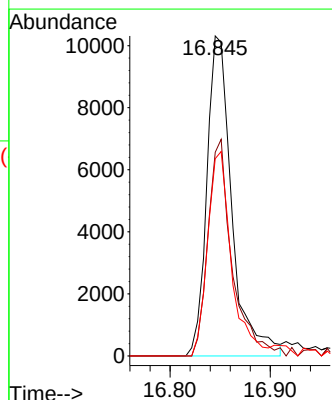
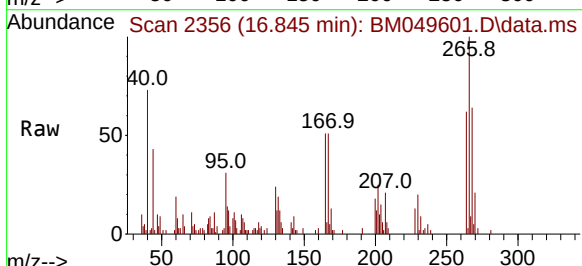
Tgt Ion:266 Resp: 17891

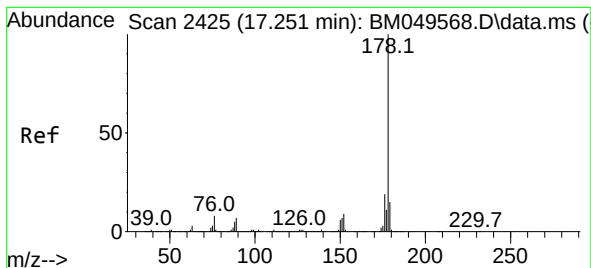
Ion Ratio Lower Upper

266 100

268 63.7 50.8 76.2

264 61.6 50.0 75.0





#71

Phenanthrene

Concen: 9.000 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

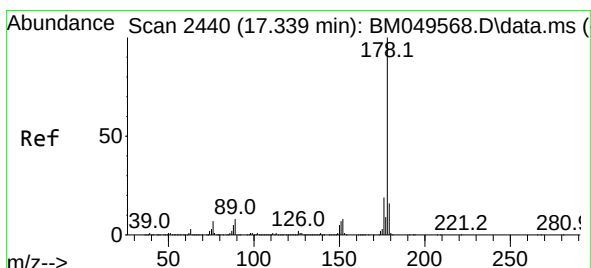
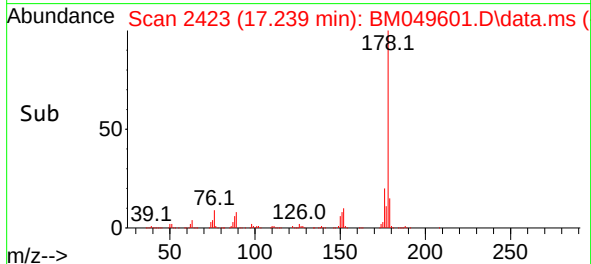
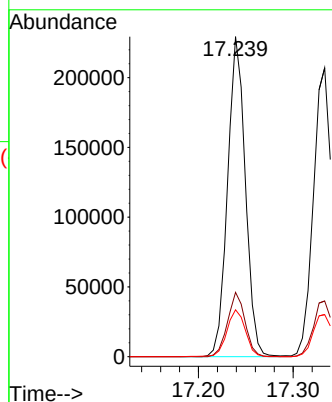
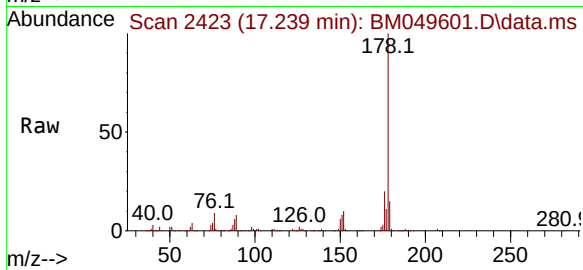
Tgt Ion:178 Resp: 299316

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 14.7 12.2 18.2



#72

Anthracene

Concen: 8.775 ng

RT: 17.333 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

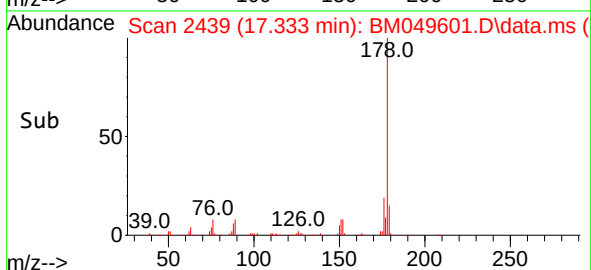
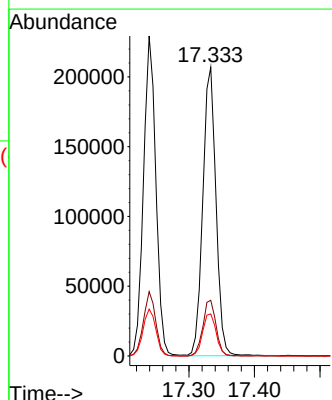
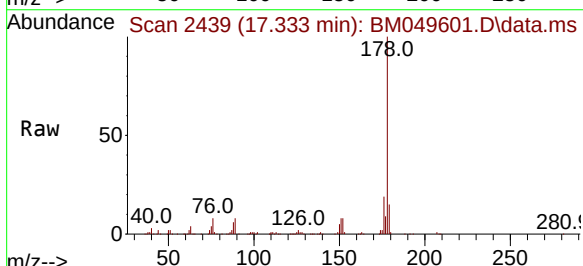
Tgt Ion:178 Resp: 288942

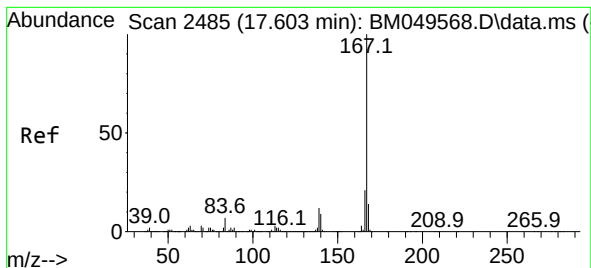
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 14.6 12.4 18.6





#73

Carbazole

Concen: 8.845 ng

RT: 17.598 min Scan# 2484

Delta R.T. -0.006 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

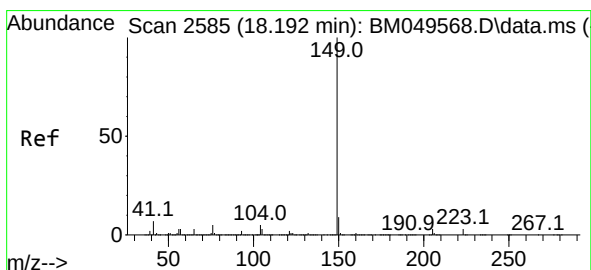
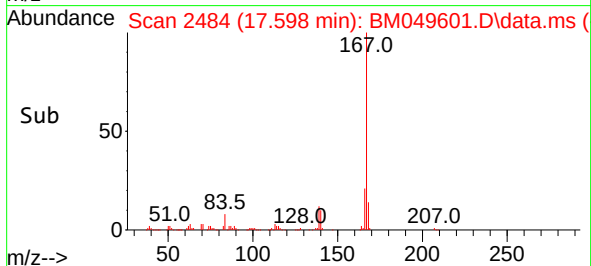
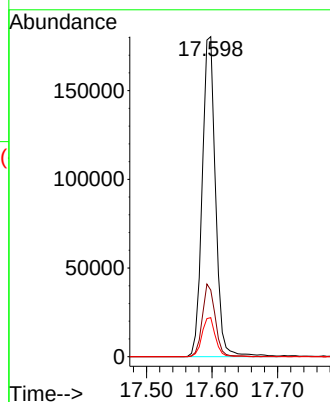
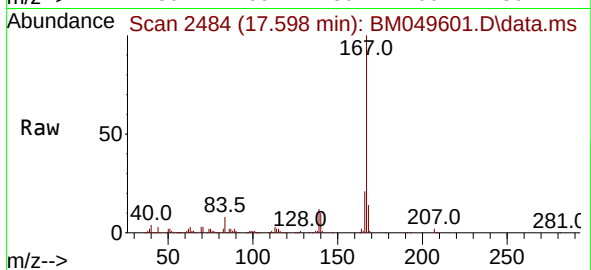
Tgt Ion:167 Resp: 255632

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.2 9.6 14.4



#74

Di-n-butylphthalate

Concen: 6.504 ng

RT: 18.180 min Scan# 2583

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

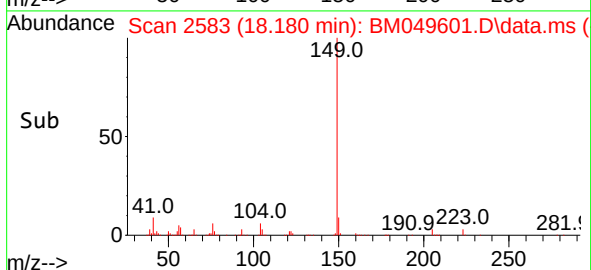
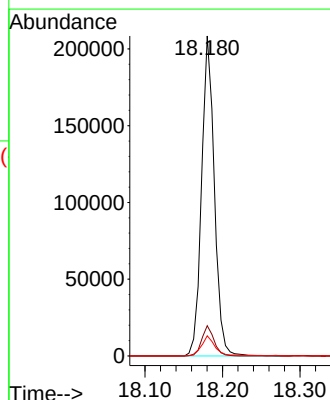
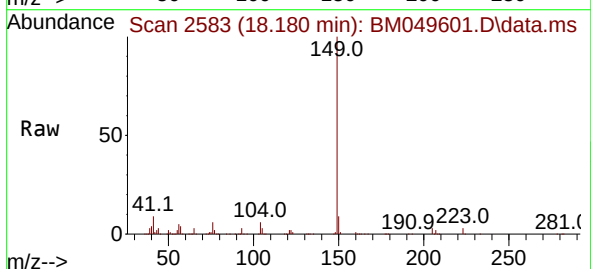
Tgt Ion:149 Resp: 238516

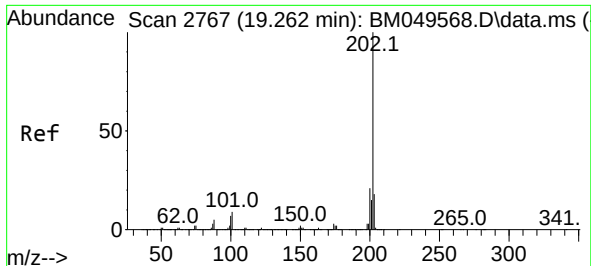
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 6.3 4.1 6.1#

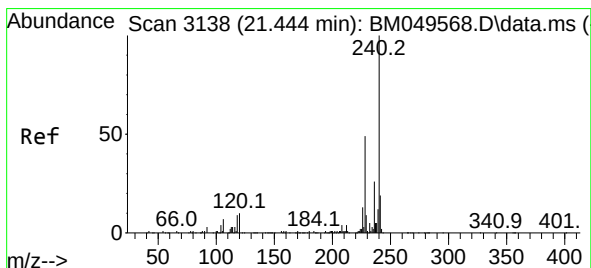
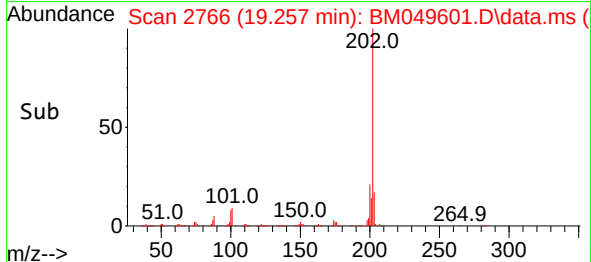
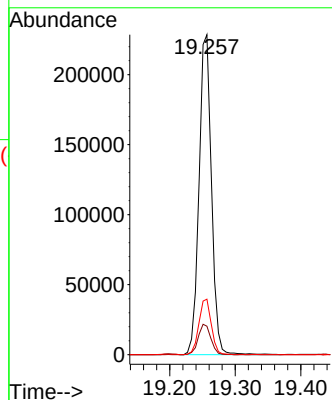
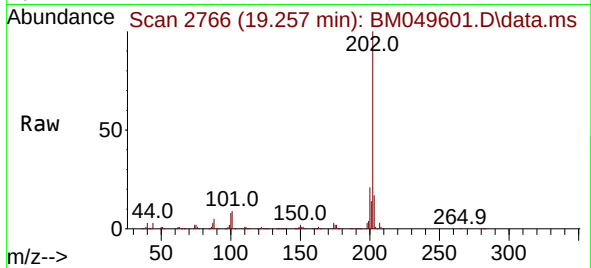




#75
 Fluoranthene
 Concen: 7.751 ng
 RT: 19.257 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

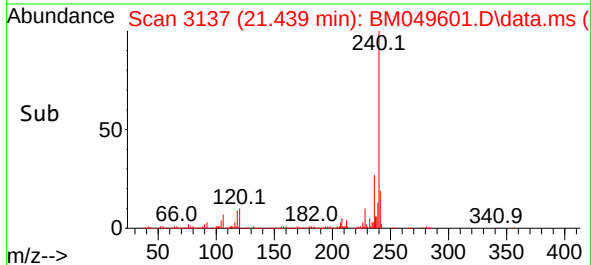
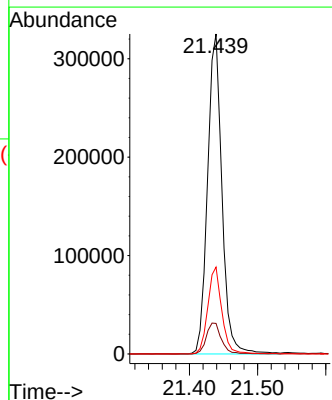
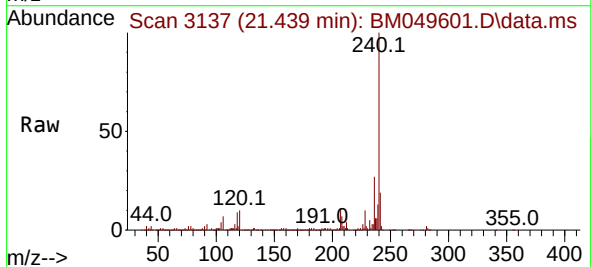
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

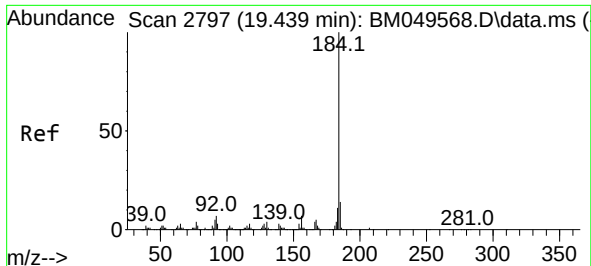
Tgt Ion:202 Resp: 301788
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 29.1
 203 17.3 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.439 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

Tgt Ion:240 Resp: 478330
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.8 11.8
 236 27.2 20.6 31.0

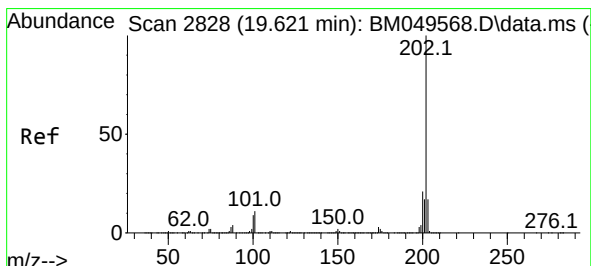
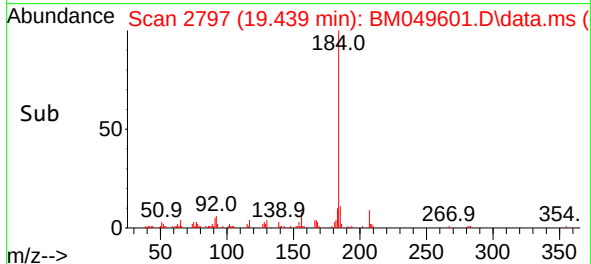
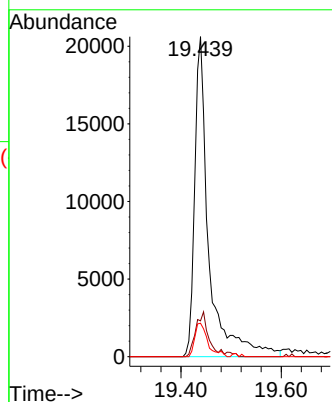
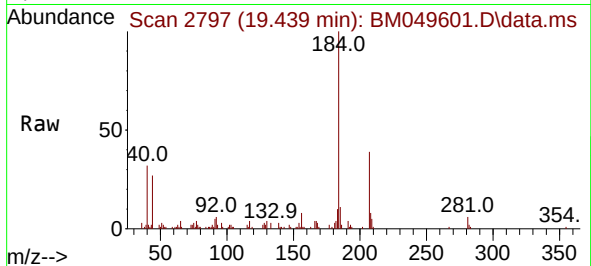




#77
Benzidine
Concen: 9.493 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

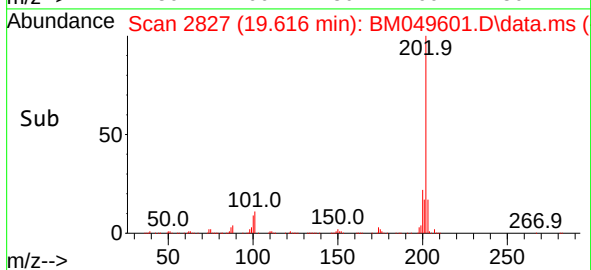
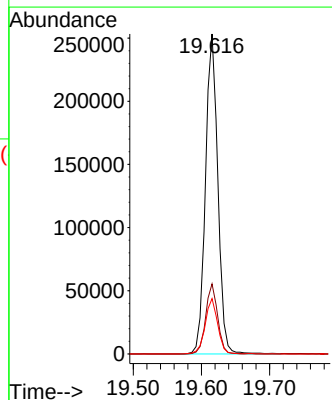
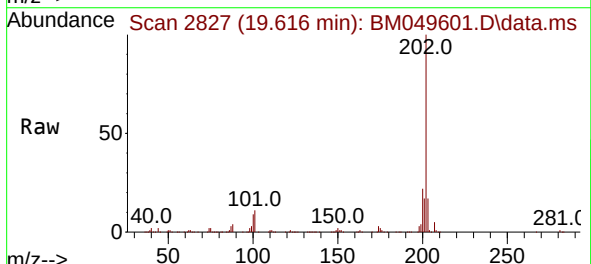
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

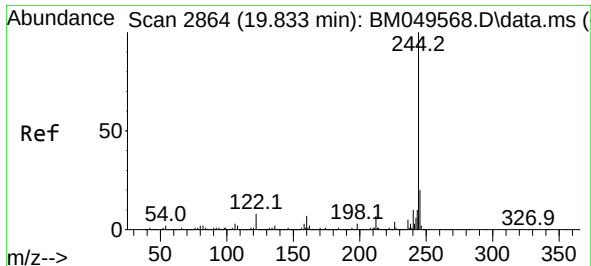
Tgt Ion:184 Resp: 40212
Ion Ratio Lower Upper
184 100
185 11.2 11.6 17.4#
183 10.4 8.9 13.3



#78
Pyrene
Concen: 8.928 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:202 Resp: 319760
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 17.3 13.8 20.8

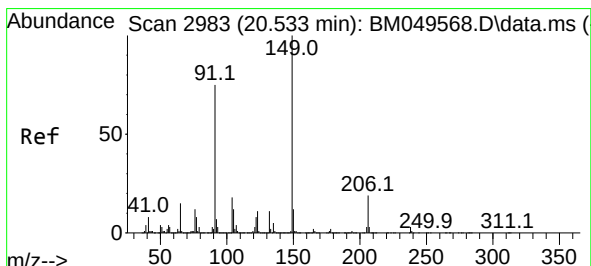
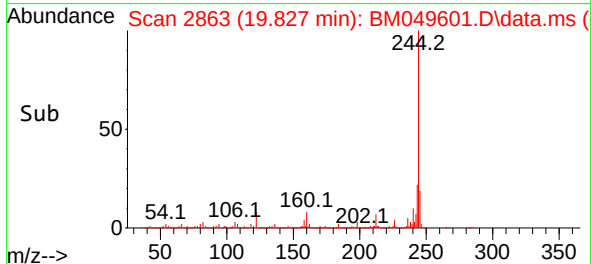
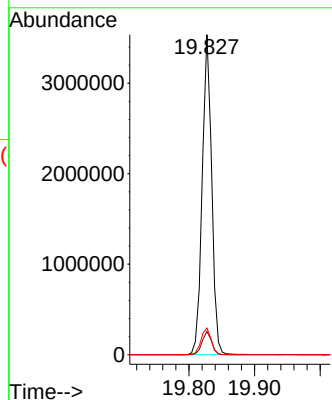
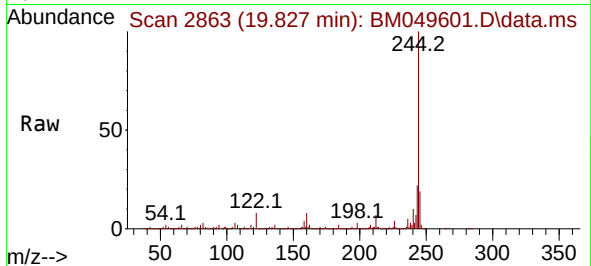




#79
 Terphenyl-d14
 Concen: 113.749 ng
 RT: 19.827 min Scan# 2863
 Delta R.T. -0.006 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

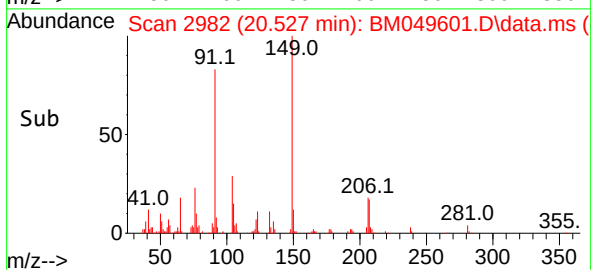
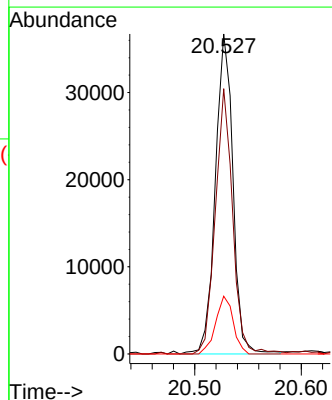
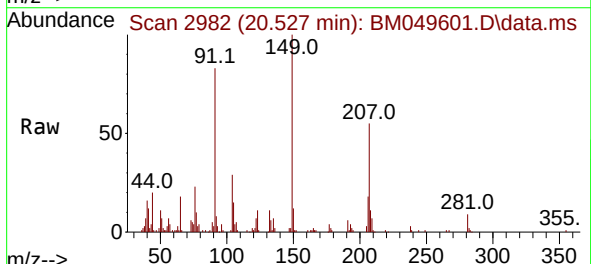
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

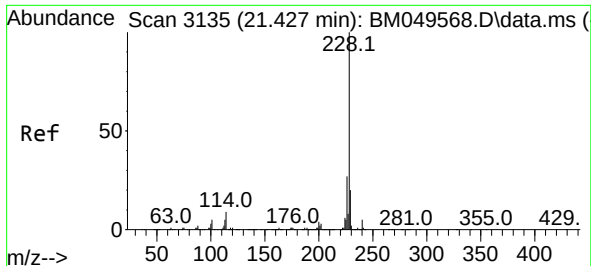
Tgt Ion:244 Resp: 3563089
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.4 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 3.767 ng
 RT: 20.527 min Scan# 2982
 Delta R.T. -0.005 min
 Lab File: BM049601.D
 Acq: 07 Feb 2025 14:13

Tgt Ion:149 Resp: 41982
 Ion Ratio Lower Upper
 149 100
 91 82.9 60.2 90.2
 206 18.0 15.4 23.0

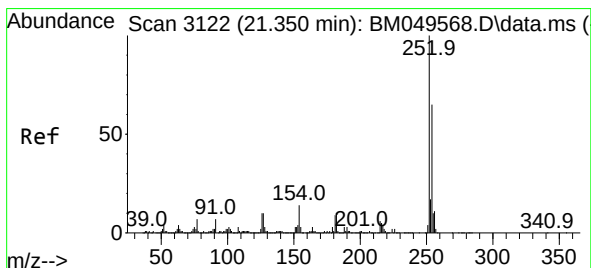
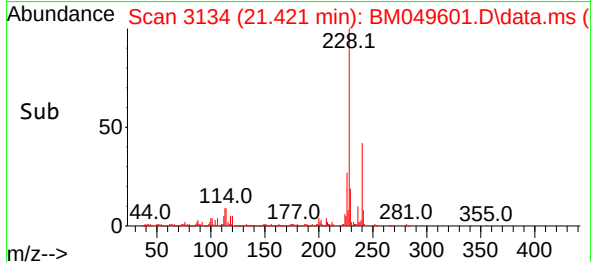
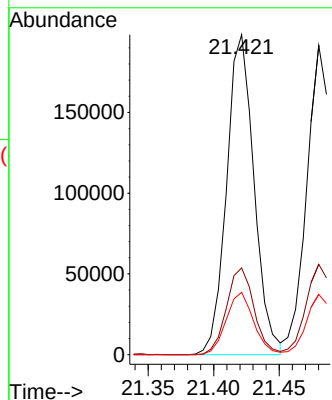
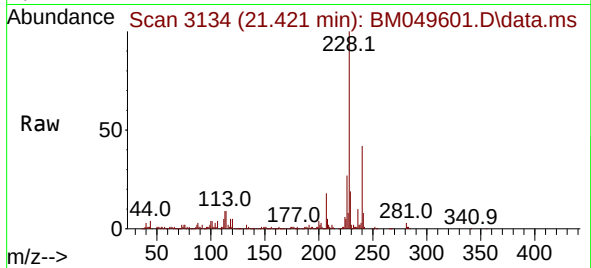




#81
Benzo(a)anthracene
Concen: 8.904 ng
RT: 21.421 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

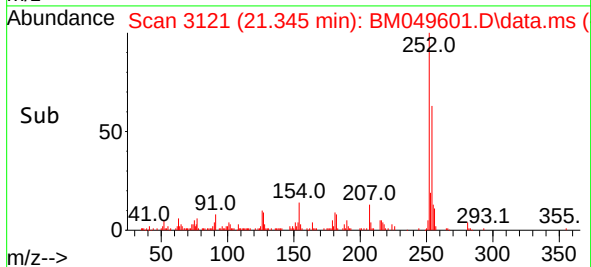
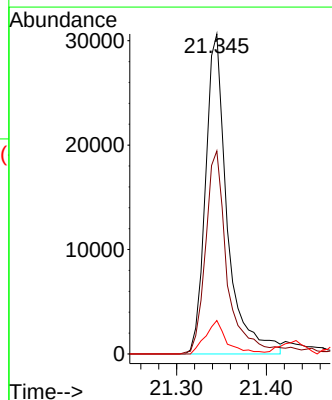
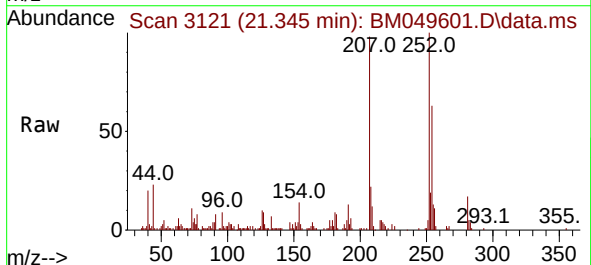
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

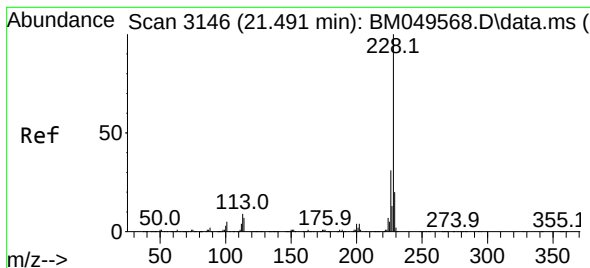
Tgt Ion:228 Resp: 288644
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 5.910 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:252 Resp: 51555
Ion Ratio Lower Upper
252 100
254 63.4 52.1 78.1
126 10.4 7.8 11.6





#83

Chrysene

Concen: 8.990 ng

RT: 21.480 min Scan# 3144

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

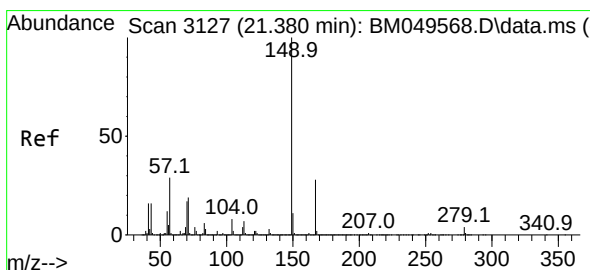
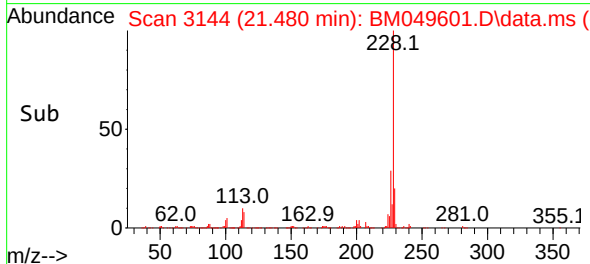
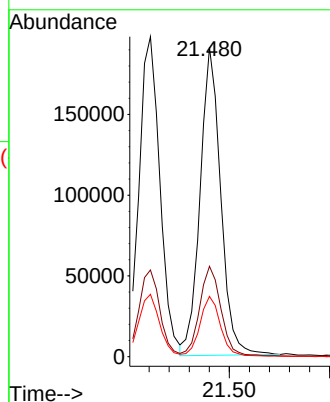
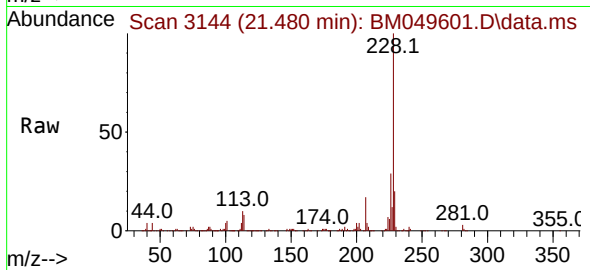
Tgt Ion:228 Resp: 273033

Ion Ratio Lower Upper

228 100

226 29.2 24.5 36.7

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.655 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

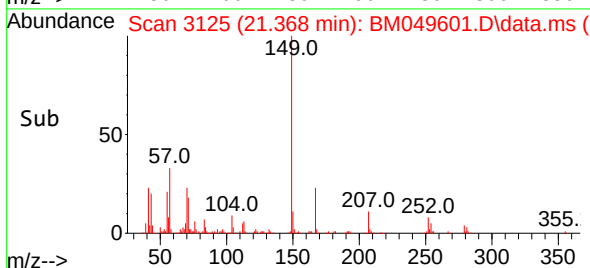
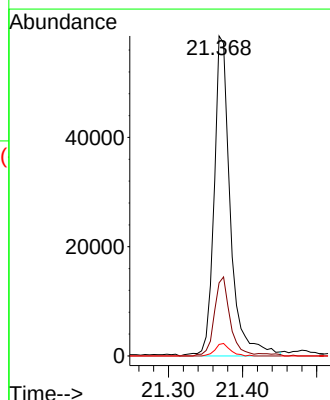
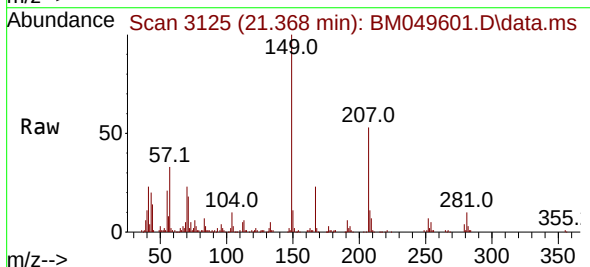
Tgt Ion:149 Resp: 88945

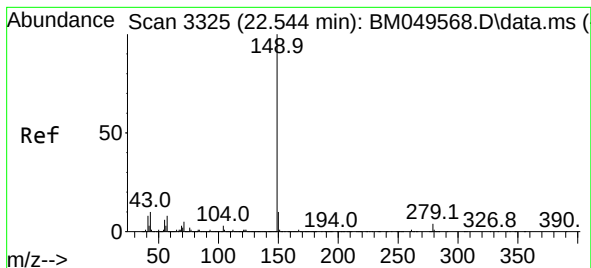
Ion Ratio Lower Upper

149 100

167 22.8 22.1 33.1

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 3.296 ng

RT: 22.527 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

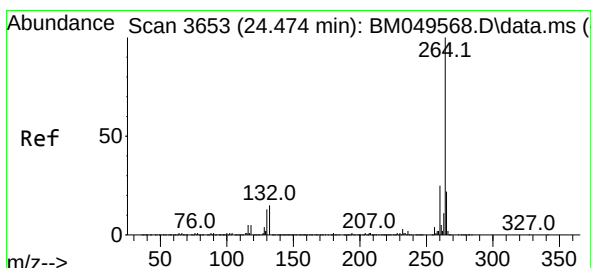
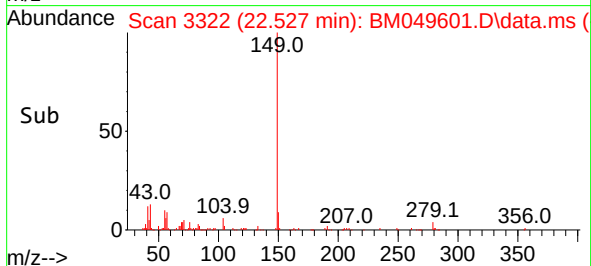
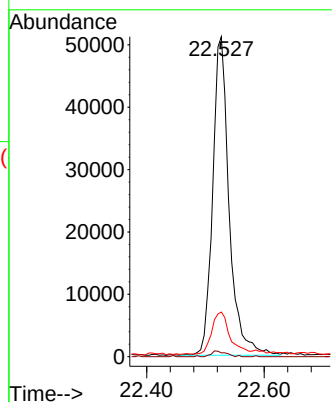
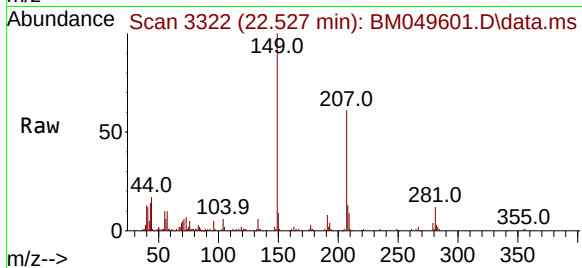
Tgt Ion:149 Resp: 99350

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.4 8.5 12.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3651

Delta R.T. -0.011 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

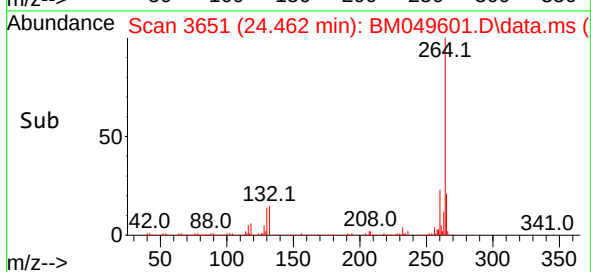
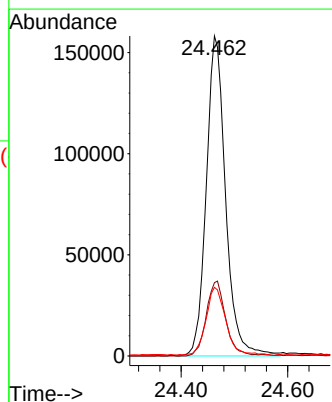
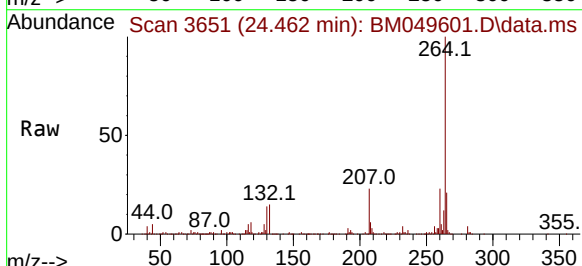
Tgt Ion:264 Resp: 398851

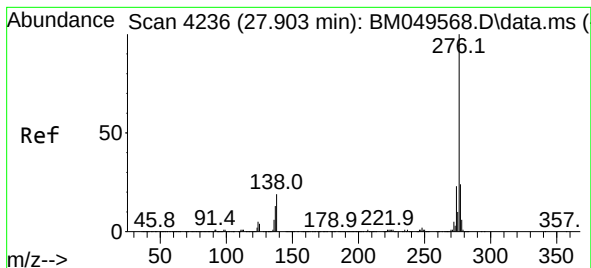
Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.352 ng

RT: 27.880 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

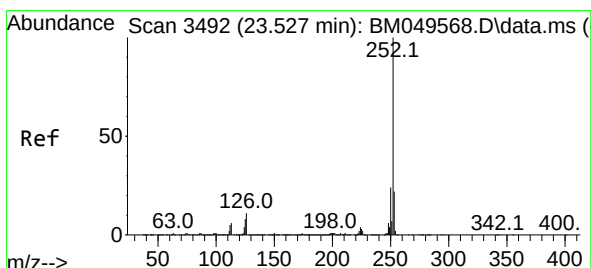
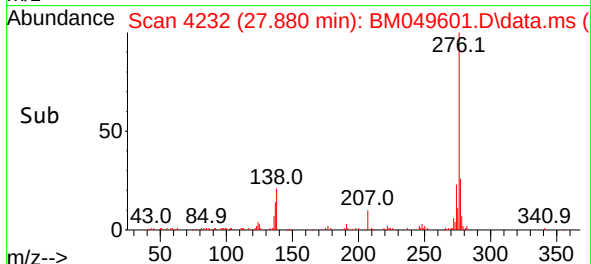
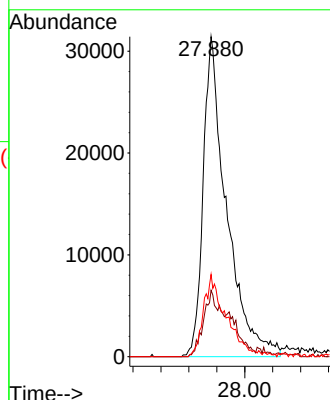
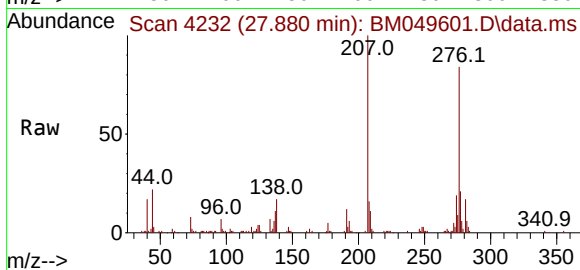
Tgt Ion:276 Resp: 181917

Ion Ratio Lower Upper

276 100

138 14.8 13.1 19.7

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 8.166 ng

RT: 23.509 min Scan# 3489

Delta R.T. -0.017 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

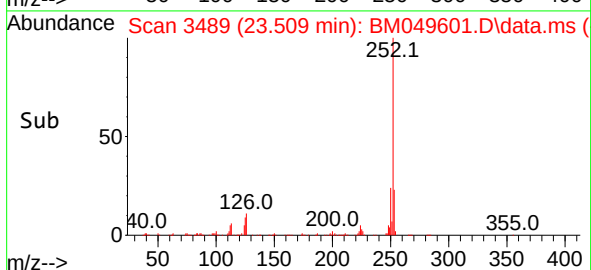
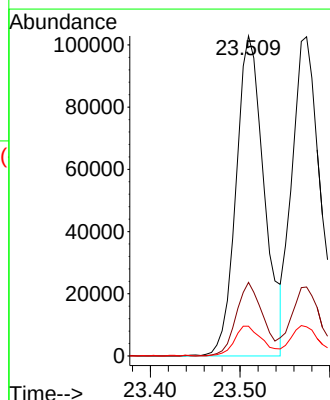
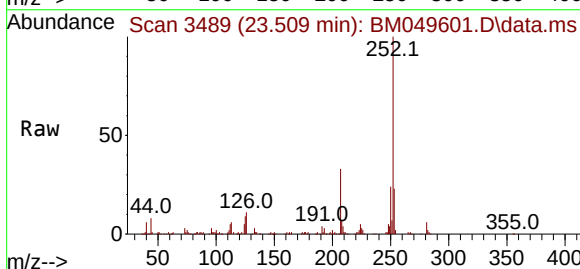
Tgt Ion:252 Resp: 224069

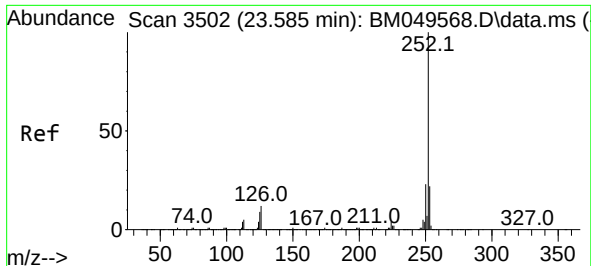
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 9.3 6.6 10.0

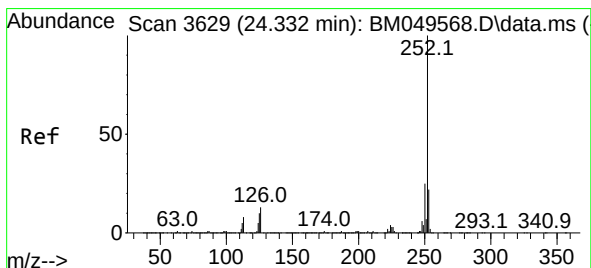
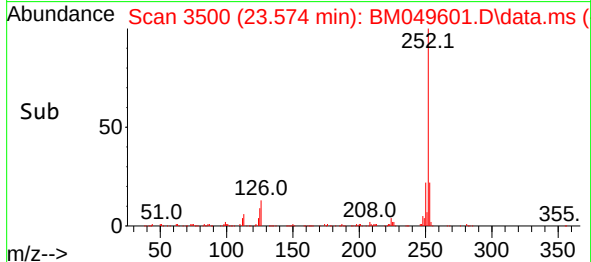
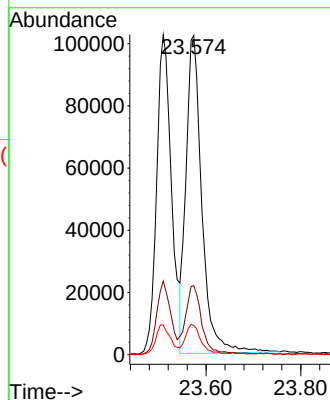
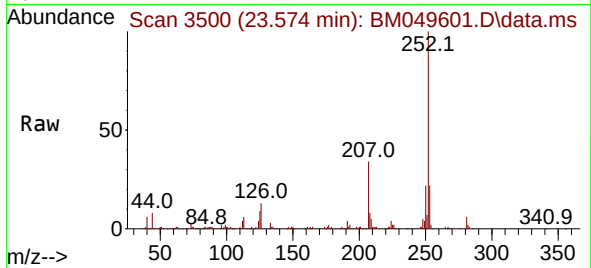




#89
Benzo(k)fluoranthene
Concen: 8.899 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

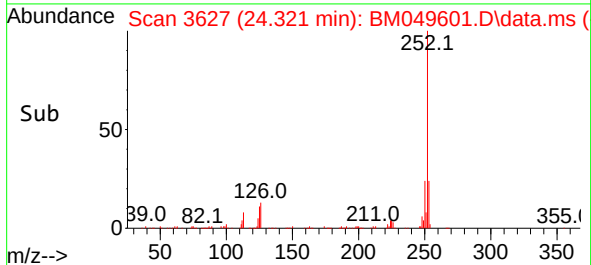
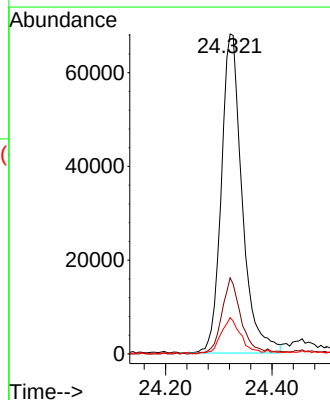
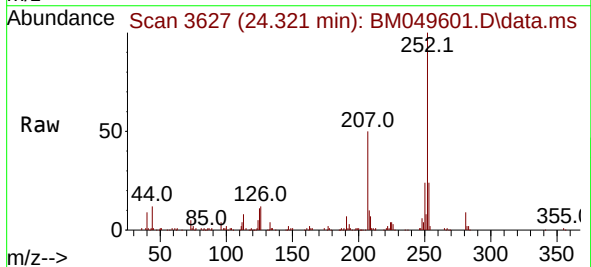
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

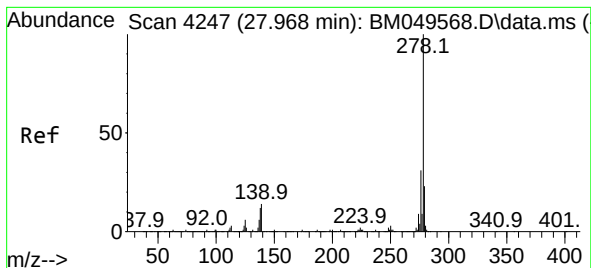
Tgt Ion:252 Resp: 237154
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.1 7.0 10.6



#90
Benzo(a)pyrene
Concen: 8.521 ng
RT: 24.321 min Scan# 3627
Delta R.T. -0.011 min
Lab File: BM049601.D
Acq: 07 Feb 2025 14:13

Tgt Ion:252 Resp: 185289
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 11.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 7.987 ng

RT: 27.944 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

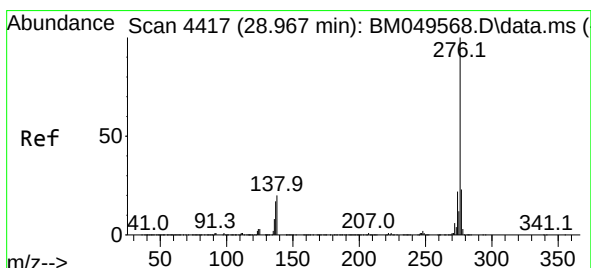
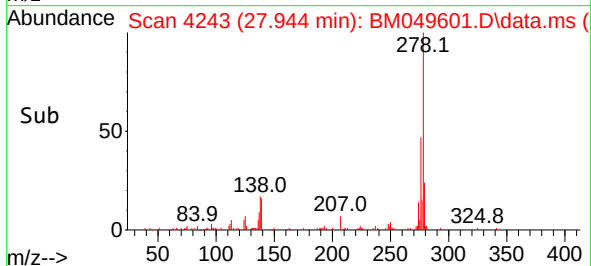
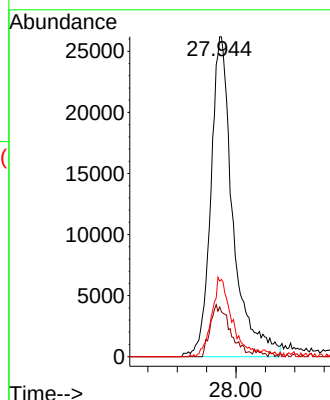
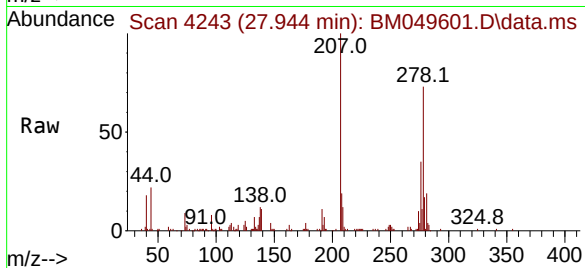
Tgt Ion:278 Resp: 137498

Ion Ratio Lower Upper

278 100

139 15.5 11.5 17.3

279 23.6 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 7.853 ng

RT: 28.933 min Scan# 4411

Delta R.T. -0.035 min

Lab File: BM049601.D

Acq: 07 Feb 2025 14:13

Tgt Ion:276 Resp: 151014

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 21.9 16.0 24.0

