

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038529.D
 Acq On : 25 Jan 2023 12:52
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Jan 25 23:14:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	55914	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	182278	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	115563	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	261754	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	287962	20.000	ng	0.00
86) Perylene-d12	23.927	264	366083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	396524	117.234	ng	0.00
7) Phenol-d6	7.128	99	492397	114.101	ng	0.00
23) Nitrobenzene-d5	9.139	82	319678	76.159	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	217088	130.450	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	711233	75.812	ng	0.00
79) Terphenyl-d14	19.956	244	1160853	78.590	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	6347	4.001	ng	94
3) Pyridine	3.816	79	9127	2.191	ng	# 84
4) n-Nitrosodimethylamine	3.710	42	6915	3.496	ng	# 78
6) Aniline	7.292	93	17354	3.240	ng	98
8) 2-Chlorophenol	7.528	128	12592	3.644	ng	95
9) Benzaldehyde	7.110	77	13805	5.393	ng	88
10) Phenol	7.151	94	15885	3.684	ng	83
11) bis(2-Chloroethyl)ether	7.387	93	12178	3.579	ng	96
12) 1,3-Dichlorobenzene	7.851	146	14559	3.706	ng	91
13) 1,4-Dichlorobenzene	7.998	146	14805	3.730	ng	96
14) 1,2-Dichlorobenzene	8.316	146	14122	3.673	ng	96
15) Benzyl Alcohol	8.210	79	10341	3.205	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.498	45	13694	3.833	ng	94
17) 2-Methylphenol	8.410	107	9150	2.998	ng	95
18) Hexachloroethane	9.039	117	5475	3.711	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	9557	3.084	ng	99
20) 3+4-Methylphenols	8.739	107	11484	2.807	ng	94
22) Acetophenone	8.798	105	18010	3.587	ng	# 92
24) Nitrobenzene	9.181	77	15901	3.744	ng	93
25) Isophorone	9.704	82	22841	3.297	ng	100
26) 2-Nitrophenol	9.898	139	5059	3.001	ng	94
27) 2,4-Dimethylphenol	9.951	122	8234	2.935	ng	86
28) bis(2-Chloroethoxy)met...	10.186	93	13634	3.365	ng	91
29) 2,4-Dichlorophenol	10.428	162	10377	3.153	ng	88
30) 1,2,4-Trichlorobenzene	10.639	180	13636	3.623	ng	95
31) Naphthalene	10.828	128	32752	3.307	ng	# 96
32) Benzoic acid	10.033	122	2290	6.510	ng	# 81
33) 4-Chloroaniline	10.951	127	11568	2.799	ng	97
34) Hexachlorobutadiene	11.098	225	9504	3.838	ng	96
35) Caprolactam	11.727	113	1694	2.123	ng	94
36) 4-Chloro-3-methylphenol	12.063	107	8850	2.957	ng	90
37) 2-Methylnaphthalene	12.427	142	22090	3.104	ng	91
38) 1-Methylnaphthalene	12.427	142	22090	3.291	ng	89
40) 1,2,4,5-Tetrachloroben...	12.792	216	15429	3.549	ng	99
41) Hexachlorocyclopentadiene	12.769	237	7809	3.268	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	8658	3.111	ng	98

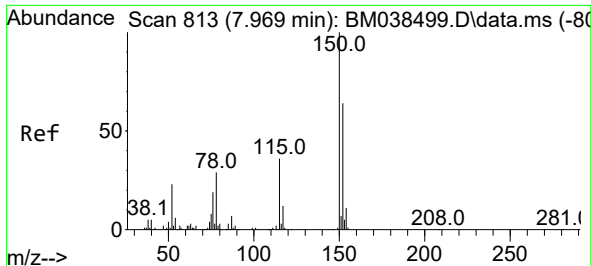
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
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 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	9015	2.766	ng	95
46) 1,1'-Biphenyl	13.433	154	32164	3.475	ng	98
47) 2-Chloronaphthalene	13.480	162	24777	3.429	ng	98
48) 2-Nitroaniline	13.692	65	5472	2.579	ng	89
49) Acenaphthylene	14.321	152	32605	2.885	ng	99
50) Dimethylphthalate	14.057	163	28634	3.219	ng	97
51) 2,6-Dinitrotoluene	14.180	165	5187	2.771	ng	# 70
52) Acenaphthene	14.663	154	21374	3.100	ng	96
53) 3-Nitroaniline	14.521	138	4110	2.209	ng	# 95
54) 2,4-Dinitrophenol	14.733	184	2126	6.232	ng	# 85
55) Dibenzofuran	14.998	168	37352	3.241	ng	96
56) 4-Nitrophenol	14.833	139	2454	1.602	ng	98
57) 2,4-Dinitrotoluene	14.968	165	6014	2.370	ng	# 81
58) Fluorene	15.645	166	28693	3.070	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.221	232	7940	2.980	ng	# 96
60) Diethylphthalate	15.410	149	26473	3.039	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	16233	3.308	ng	93
62) 4-Nitroaniline	15.674	138	4038	5.155	ng	98
63) Azobenzene	15.927	77	27717	3.003	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	3546	2.087	ng	98
66) n-Nitrosodiphenylamine	15.851	169	23938	3.046	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	9235	3.181	ng	96
68) Hexachlorobenzene	16.639	284	11538	3.683	ng	96
69) Atrazine	16.798	200	8766	3.344	ng	93
70) Pentachlorophenol	16.992	266	5545	2.486	ng	91
71) Phenanthrene	17.380	178	47710	3.264	ng	98
72) Anthracene	17.474	178	45287	3.045	ng	97
73) Carbazole	17.751	167	38074	2.907	ng	97
74) Di-n-butylphthalate	18.298	149	40022	2.781	ng	# 99
75) Fluoranthene	19.392	202	53751	3.060	ng	96
77) Benzidine	19.586	184	21131	3.220	ng	99
78) Pyrene	19.756	202	57875	2.886	ng	97
80) Butylbenzylphthalate	20.645	149	17666	2.548	ng	98
81) Benzo(a)anthracene	21.497	228	66148	3.242	ng	98
82) 3,3'-Dichlorobenzidine	21.433	252	21743	3.317	ng	# 96
83) Chrysene	21.550	228	65336	3.274	ng	98
84) Bis(2-ethylhexyl)phtha...	21.409	149	25064	2.494	ng	99
85) Di-n-octyl phthalate	22.339	149	46364	2.595	ng	98
87) Indeno(1,2,3-cd)pyrene	26.432	276	85144	3.143	ng	# 88
88) Benzo(b)fluoranthene	23.186	252	73587	3.332	ng	95
89) Benzo(k)fluoranthene	23.238	252	71053	3.109	ng	# 96
90) Benzo(a)pyrene	23.821	252	61946	2.829	ng	97
91) Dibenzo(a,h)anthracene	26.444	278	74954	3.324	ng	98
92) Benzo(g,h,i)perylene	27.215	276	77989	3.377	ng	96

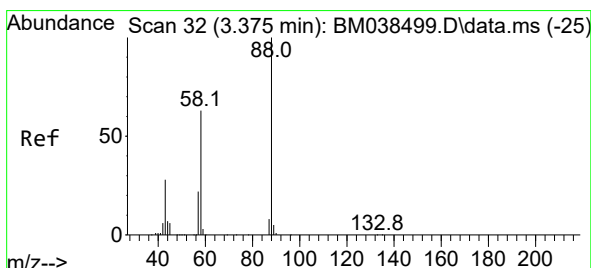
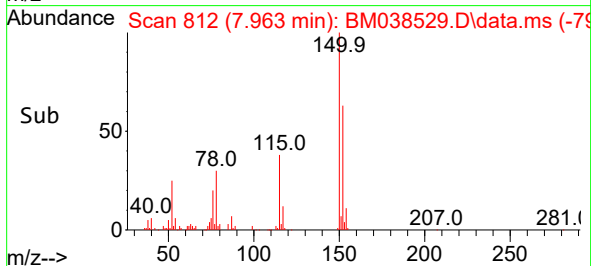
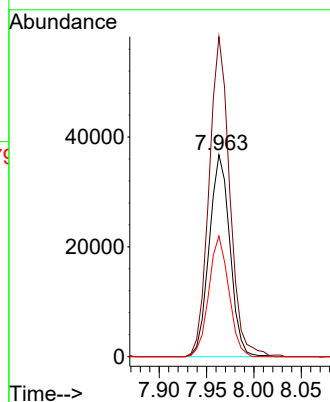
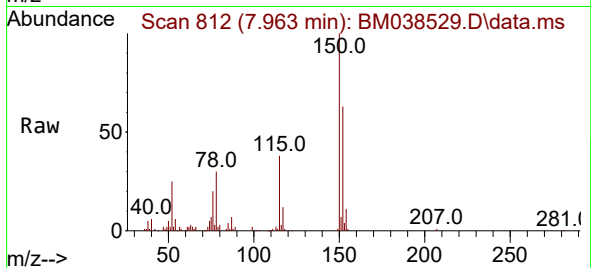
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038529.D
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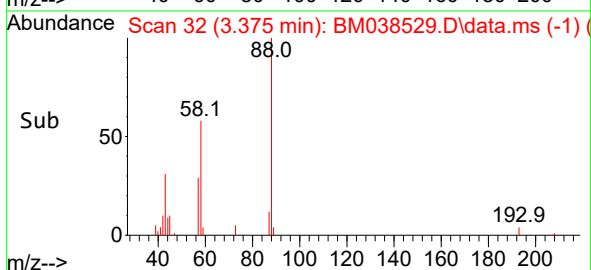
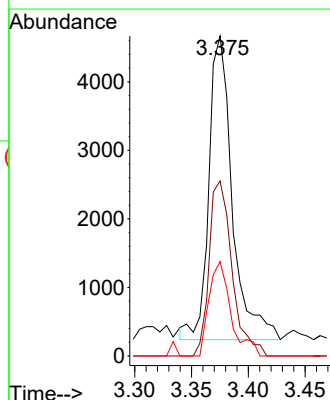
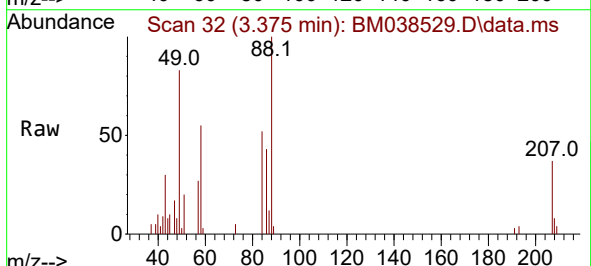
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

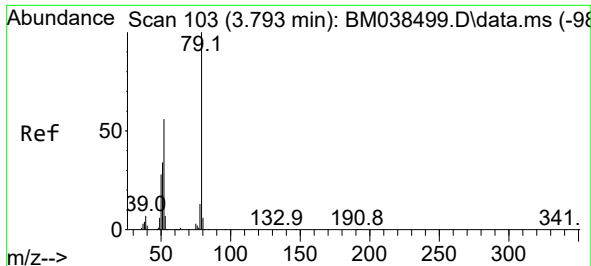
Tgt Ion:152 Resp: 55914
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.4
115 59.7 44.8 67.2



#2
1,4-Dioxane
Concen: 4.001 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 88 Resp: 6347
Ion Ratio Lower Upper
88 100
58 56.3 50.5 75.7
43 29.1 23.9 35.9





#3

Pyridine

Concen: 2.191 ng

RT: 3.816 min Scan# 10

Delta R.T. 0.024 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

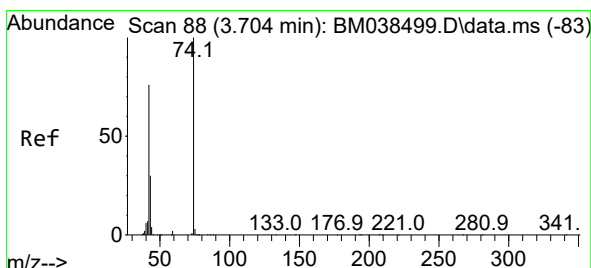
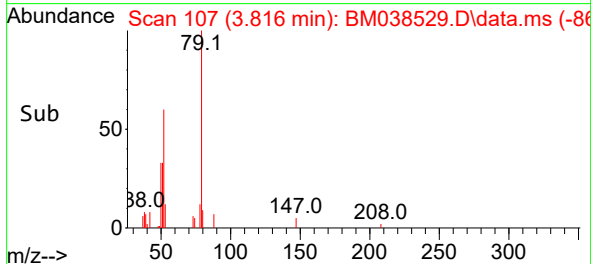
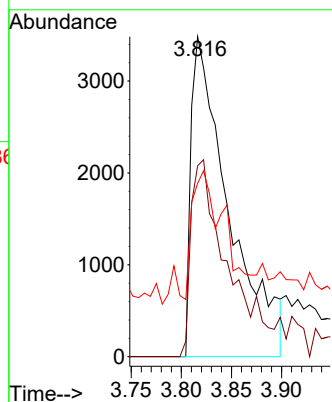
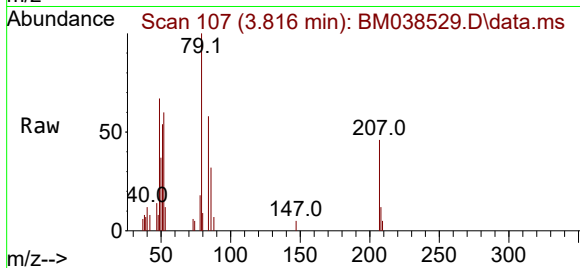
Tgt Ion: 79 Resp: 9127

Ion Ratio Lower Upper

79 100

52 59.6 45.0 67.4

51 54.2 27.1 40.7#



#4

n-Nitrosodimethylamine

Concen: 3.496 ng

RT: 3.710 min Scan# 89

Delta R.T. 0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

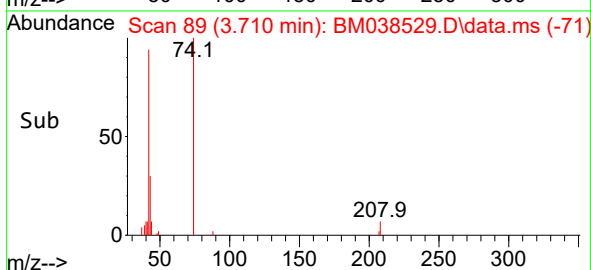
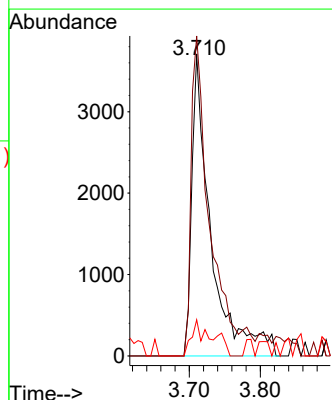
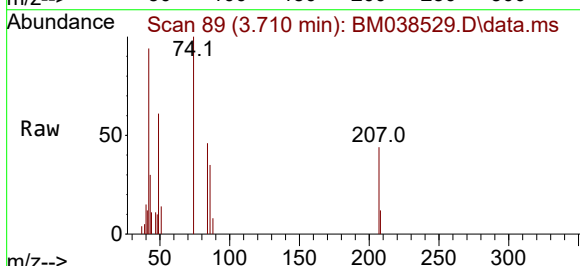
Tgt Ion: 42 Resp: 6915

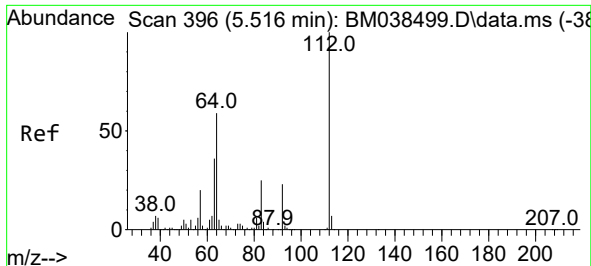
Ion Ratio Lower Upper

42 100

74 105.9 105.0 157.4

44 12.0 4.1 6.1#

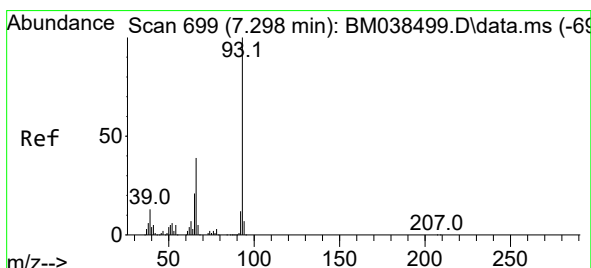
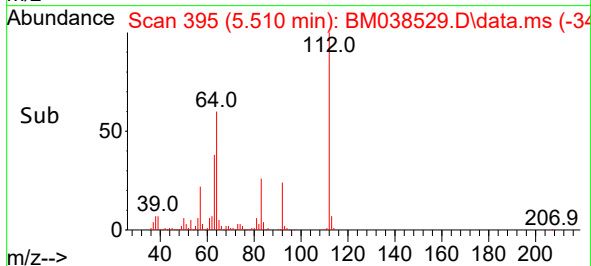
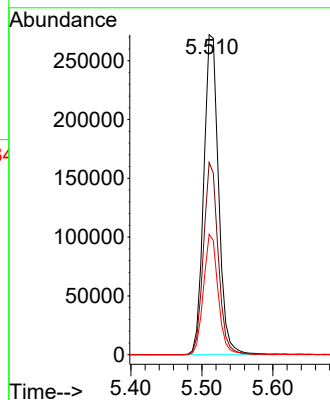
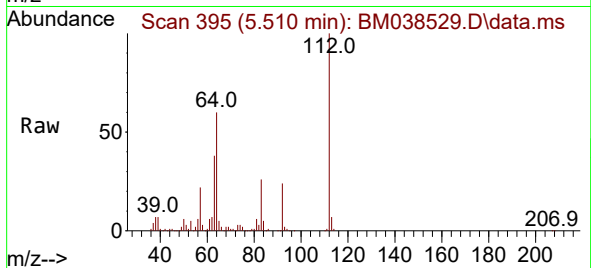




#5
2-Fluorophenol
Concen: 117.234 ng
RT: 5.510 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

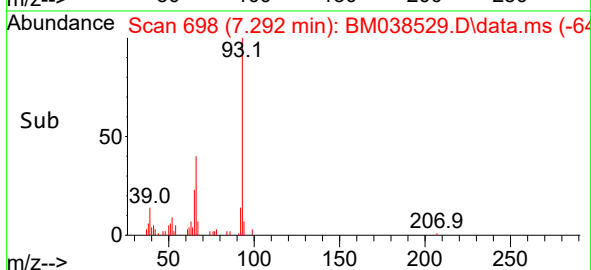
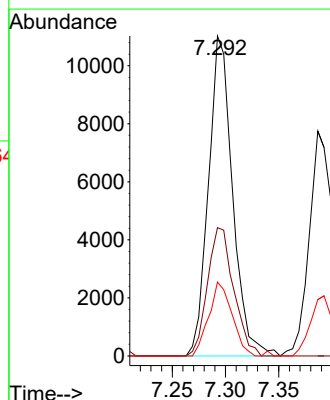
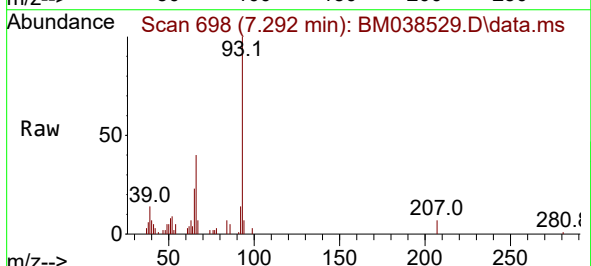
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

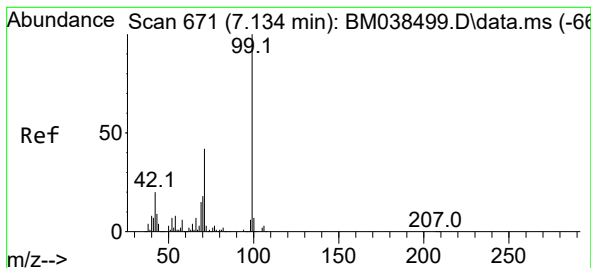
Tgt Ion:112 Resp: 396524
Ion Ratio Lower Upper
112 100
64 60.0 47.3 70.9
63 37.6 28.8 43.2



#6
Aniline
Concen: 3.240 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 93 Resp: 17354
Ion Ratio Lower Upper
93 100
66 40.1 31.6 47.4
65 23.1 16.6 24.8

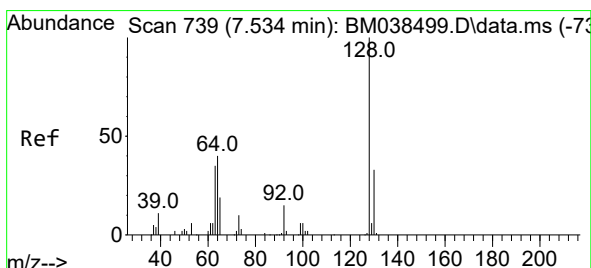
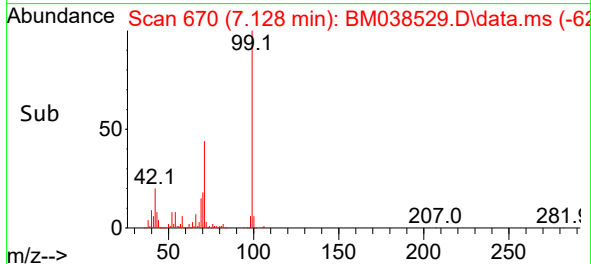
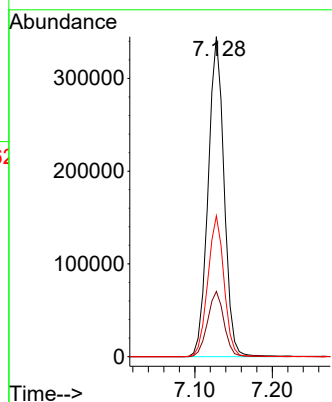
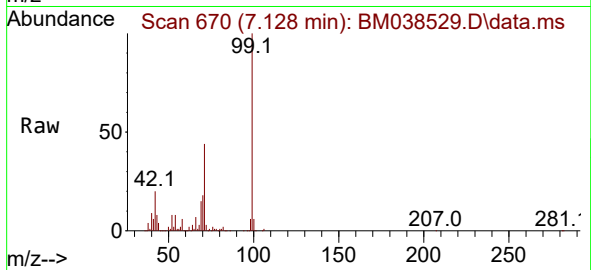




#7
Phenol-d6
Concen: 114.101 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

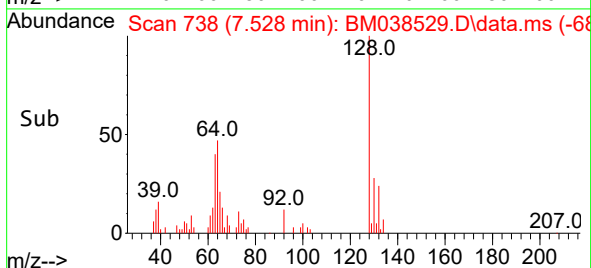
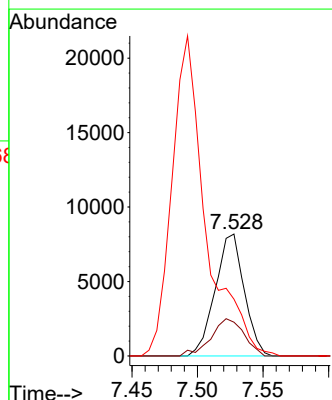
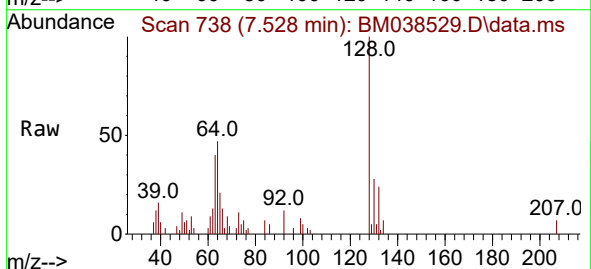
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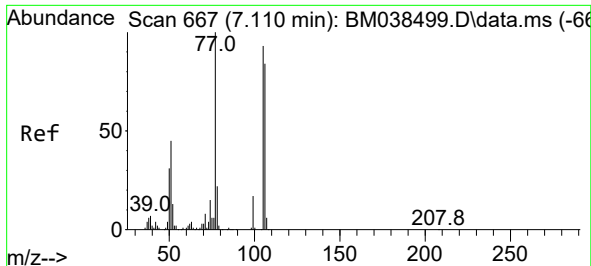
Tgt Ion: 99 Resp: 492397
Ion Ratio Lower Upper
99 100
42 20.4 16.0 24.0
71 44.0 33.8 50.6



#8
2-Chlorophenol
Concen: 3.644 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 128 Resp: 12592
Ion Ratio Lower Upper
128 100
130 27.7 13.2 53.2
64 46.6 27.7 67.7

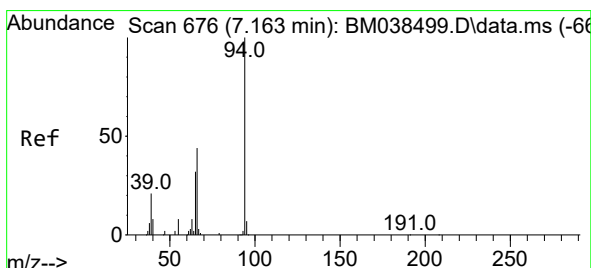
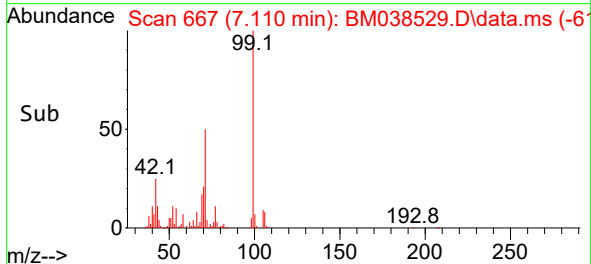
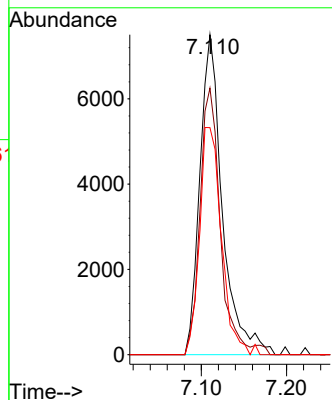
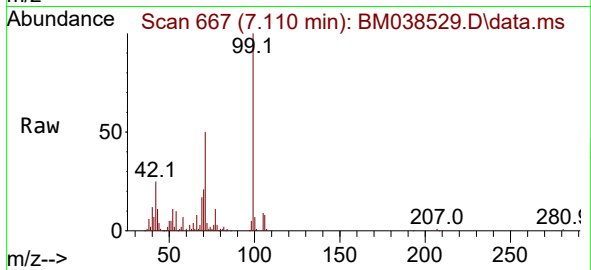




#9
Benzaldehyde
Concen: 5.393 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

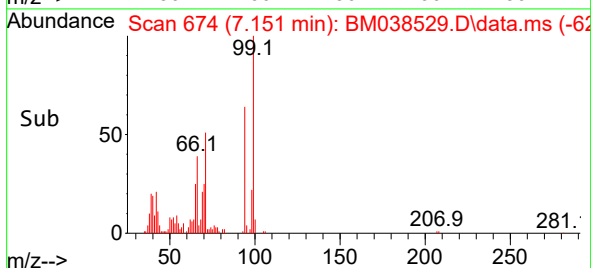
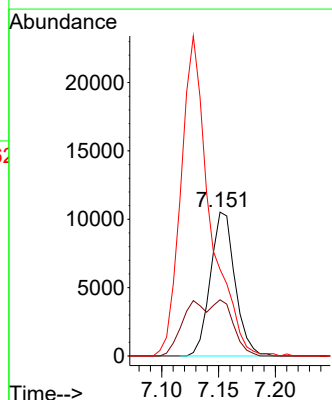
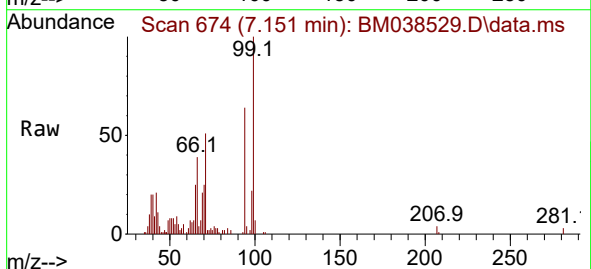
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

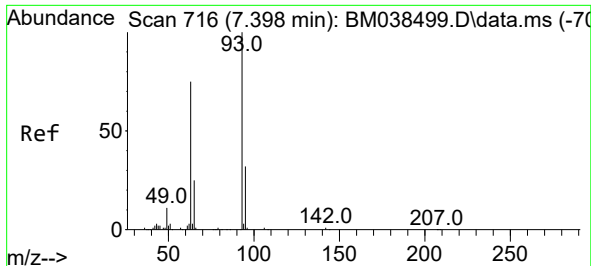
Tgt Ion: 77 Resp: 13805
Ion Ratio Lower Upper
77 100
105 83.3 72.9 112.9
106 71.0 63.8 103.8



#10
Phenol
Concen: 3.684 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 94 Resp: 15885
Ion Ratio Lower Upper
94 100
65 39.0 12.7 52.7
66 60.1 26.0 66.0

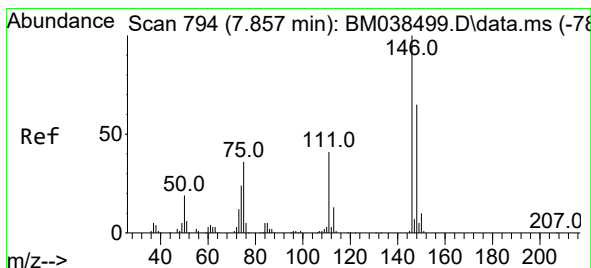
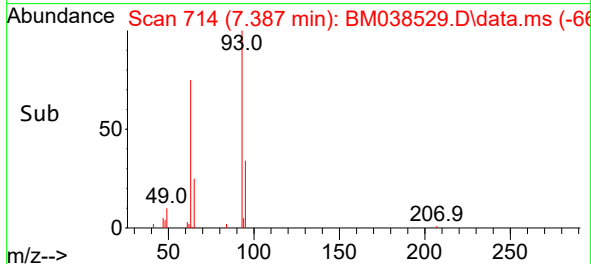
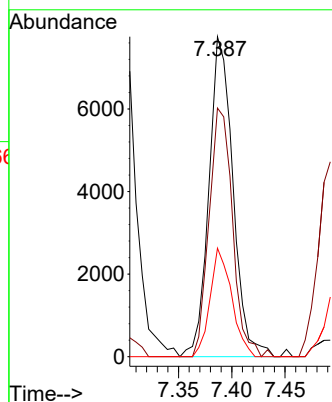
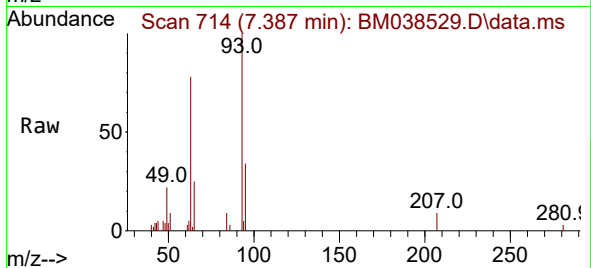




#11
bis(2-Chloroethyl)ether
Concen: 3.579 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

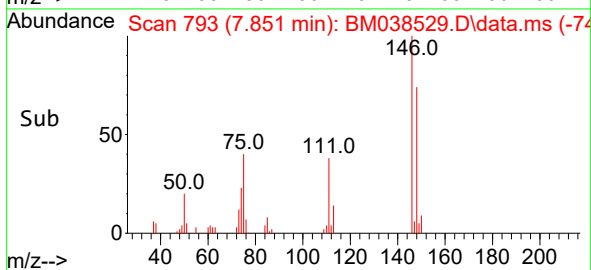
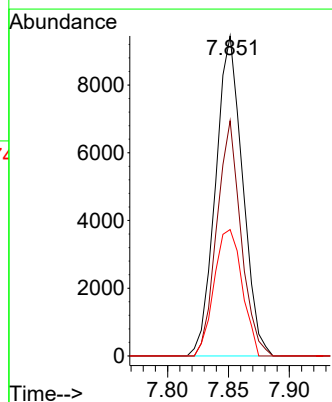
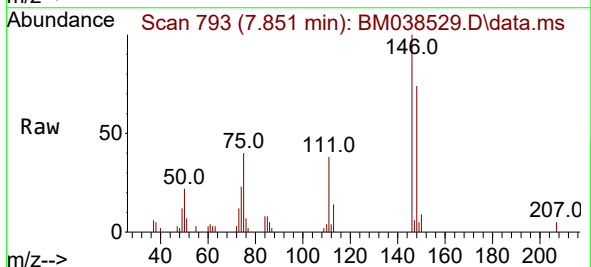
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

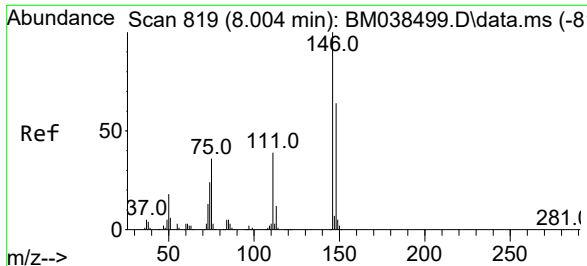
Tgt Ion: 93 Resp: 12178
Ion Ratio Lower Upper
93 100
63 77.7 54.4 94.4
95 33.9 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 3.706 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:146 Resp: 14559
Ion Ratio Lower Upper
146 100
148 73.5 52.1 78.1
75 39.5 28.7 43.1

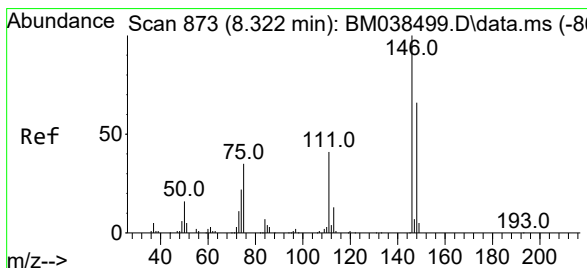
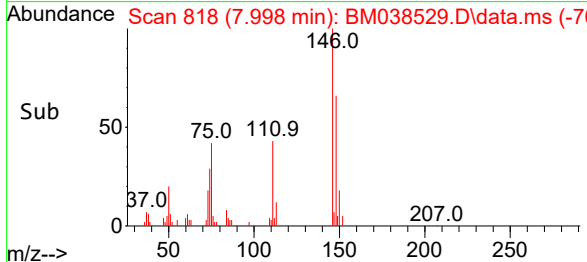
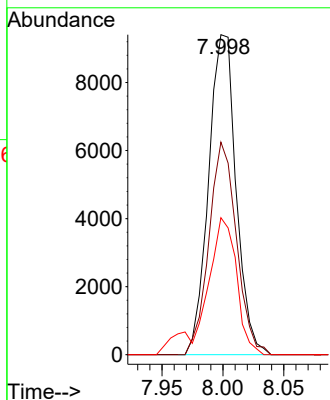
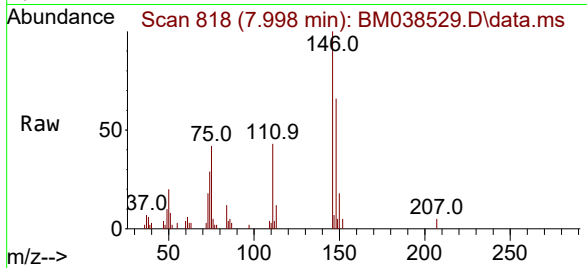




#13
1,4-Dichlorobenzene
Concen: 3.730 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

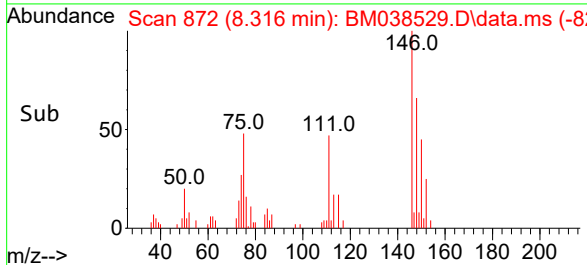
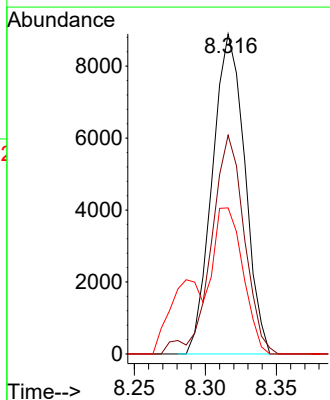
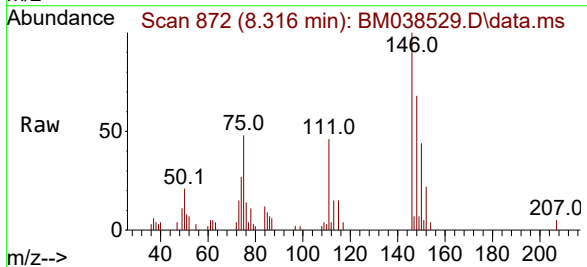
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

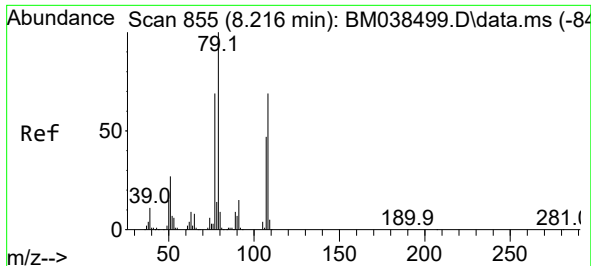
Tgt Ion:146 Resp: 14805
Ion Ratio Lower Upper
146 100
148 66.4 51.3 76.9
111 42.8 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 3.673 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:146 Resp: 14122
Ion Ratio Lower Upper
146 100
148 68.4 52.7 79.1
111 45.6 33.2 49.8

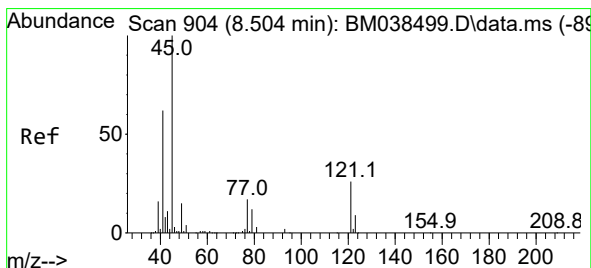
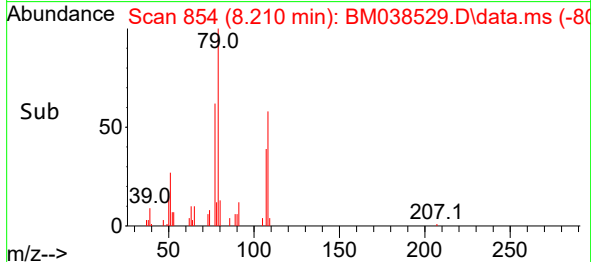
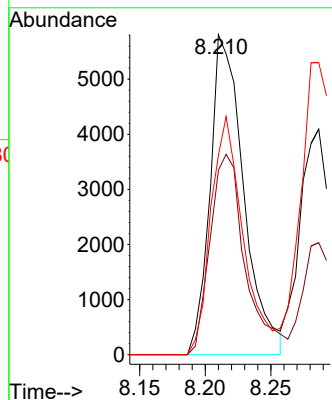
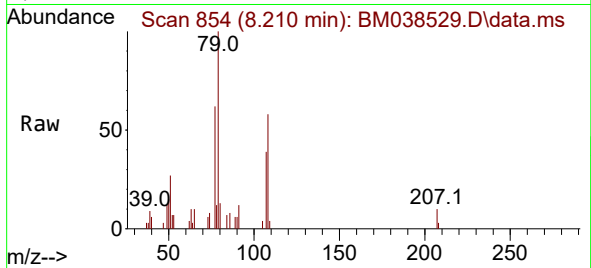




#15
Benzyl Alcohol
Concen: 3.205 ng
RT: 8.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

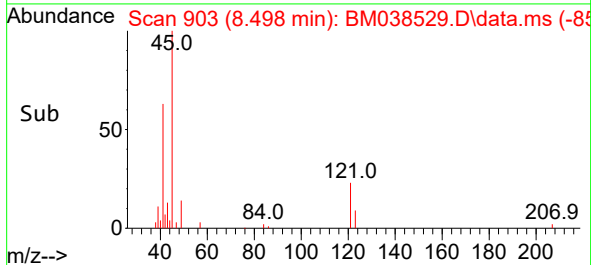
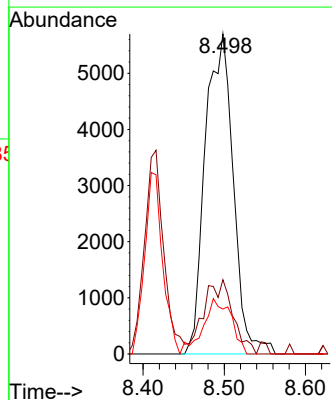
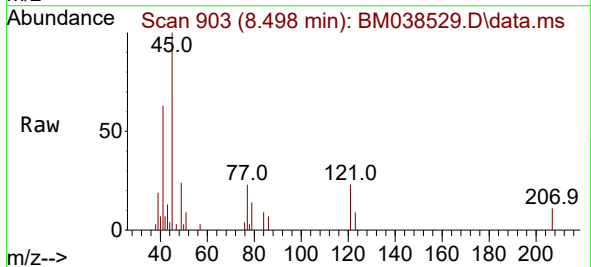
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

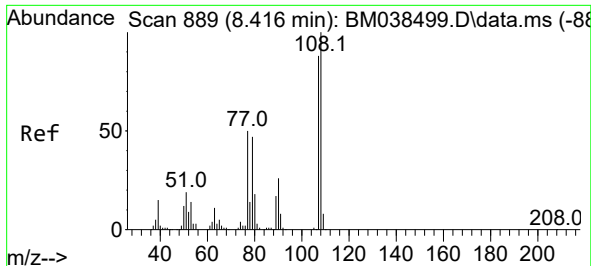
Tgt Ion: 79 Resp: 10341
Ion Ratio Lower Upper
79 100
108 57.7 55.0 82.6
77 62.3 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.833 ng
RT: 8.498 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 45 Resp: 13694
Ion Ratio Lower Upper
45 100
77 23.2 0.0 39.2
79 14.0 0.0 34.9

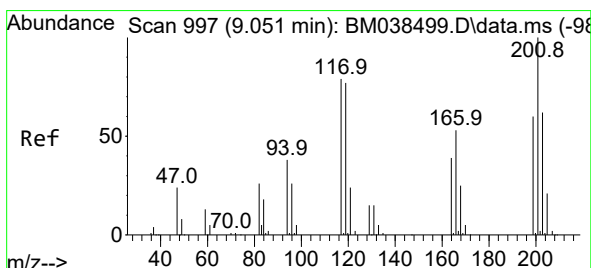
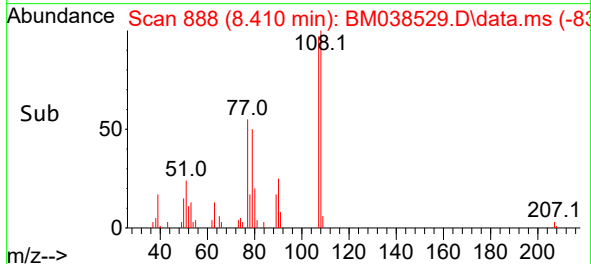
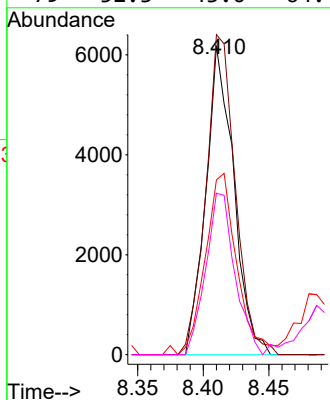
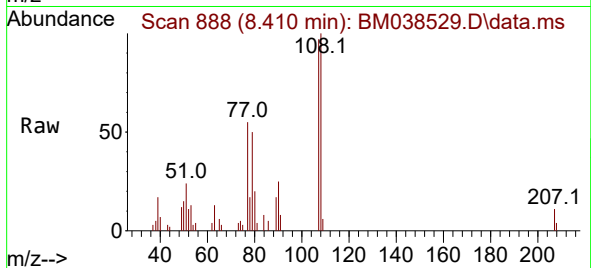




#17
2-Methylphenol
Concen: 2.998 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

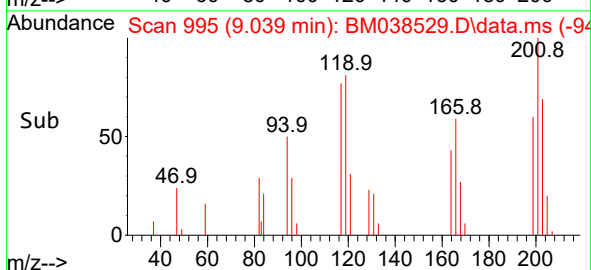
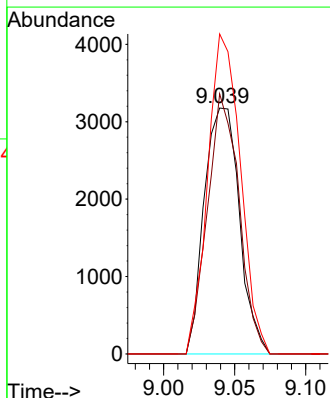
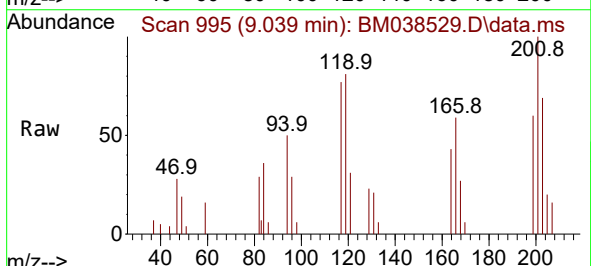
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

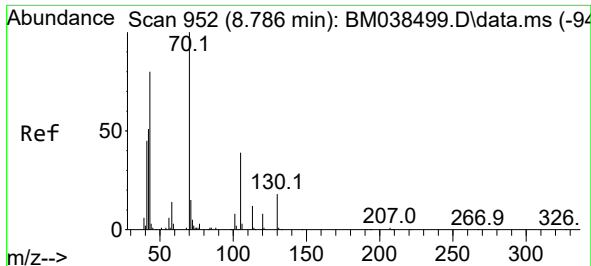
Tgt Ion:	107	Resp:	9150
Ion	Ratio	Lower	Upper
107	100		
108	103.6	90.8	136.2
77	56.6	46.1	69.1
79	52.3	43.0	64.4



#18
Hexachloroethane
Concen: 3.711 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:	117	Resp:	5475
Ion	Ratio	Lower	Upper
117	100		
119	105.8	77.9	116.9
201	130.1	100.6	151.0

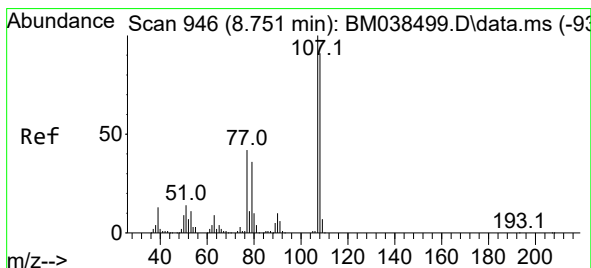
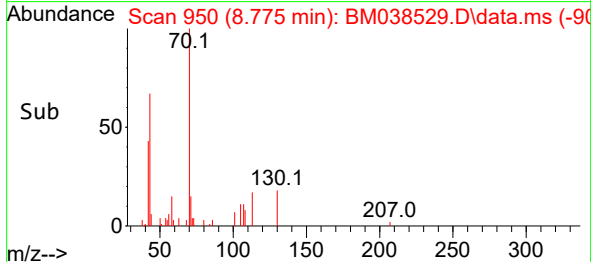
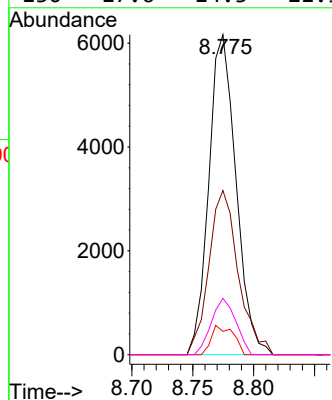
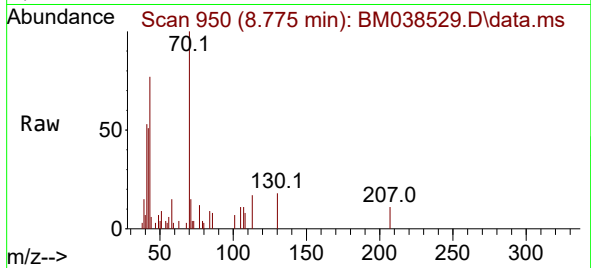




#19
n-Nitroso-di-n-propylamine
Concen: 3.084 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

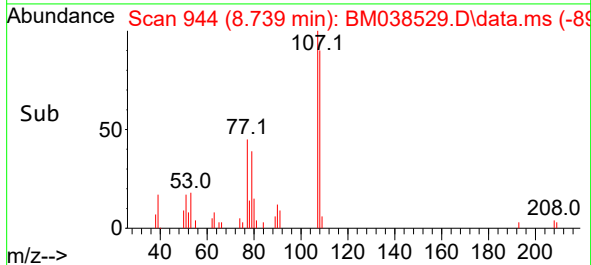
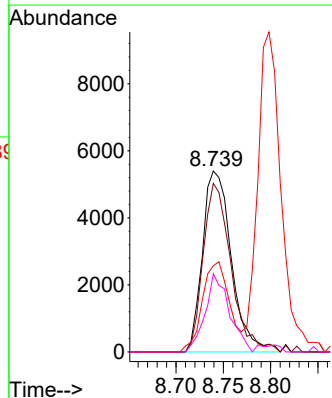
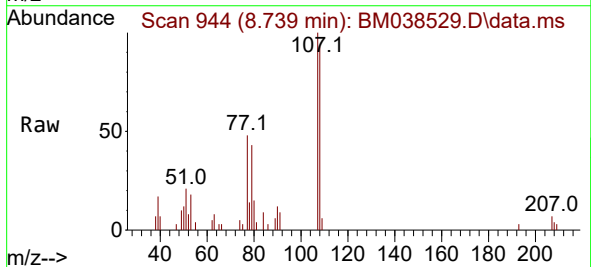
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

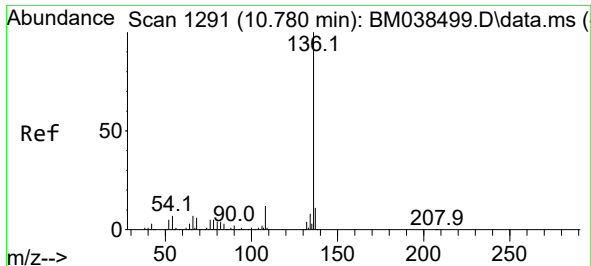
Tgt Ion:	70	Resp:	9557
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.4	62.2
101	7.3	6.5	9.7
130	17.6	14.3	21.5



#20
3+4-Methylphenols
Concen: 2.807 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:	107	Resp:	11484
Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.7	110.7
77	47.7	22.0	62.0
79	43.3	15.8	55.8

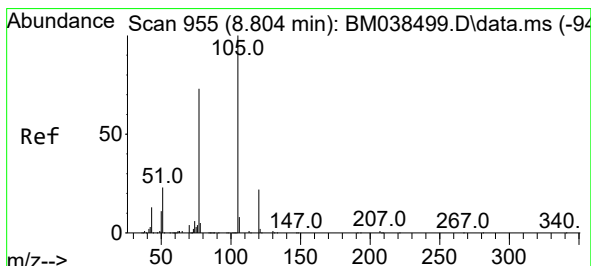
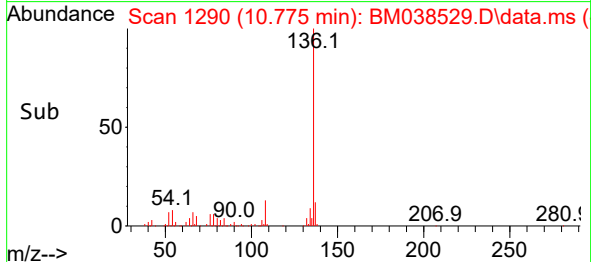
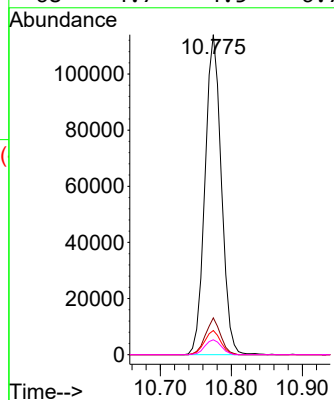
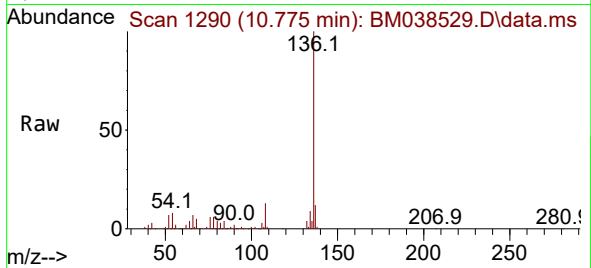




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

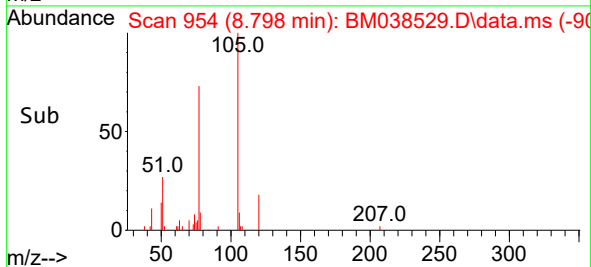
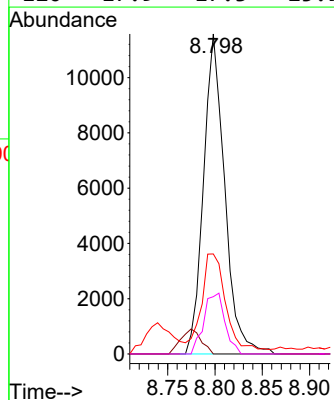
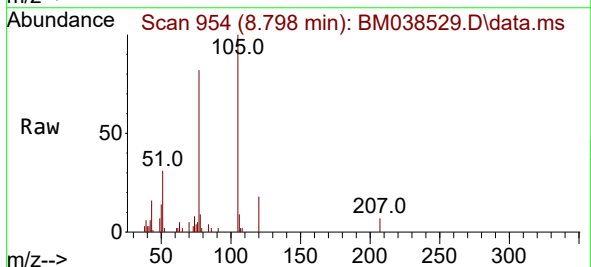
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

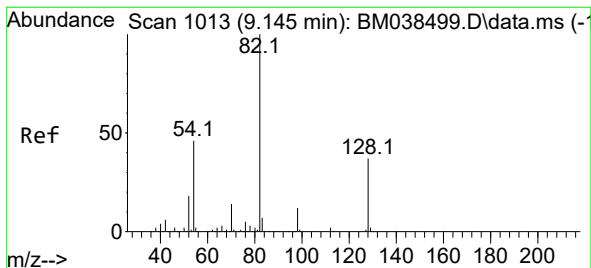
Tgt Ion:	136	Resp:	182278
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	7.6	6.0	9.0
68	4.7	4.5	6.7



#22
Acetophenone
Concen: 3.587 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:	105	Resp:	18010
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	31.2	21.8	32.8
120	17.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 76.159 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

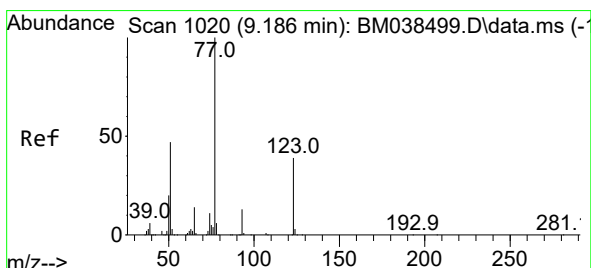
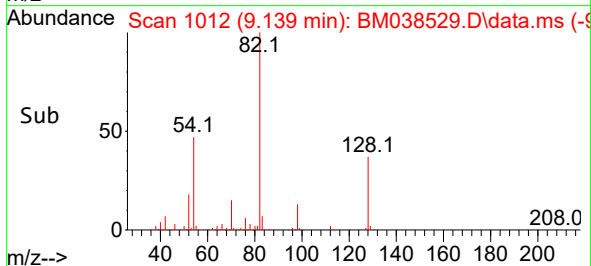
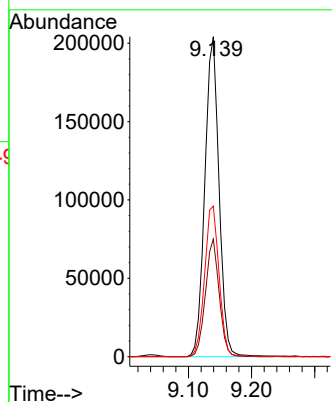
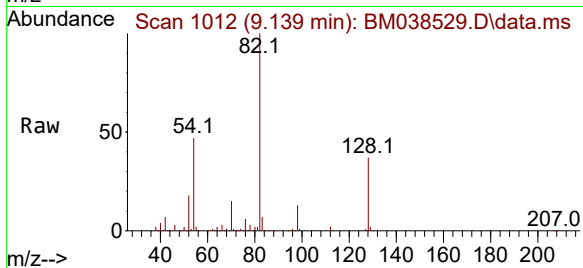
Tgt Ion: 82 Resp: 319678

Ion Ratio Lower Upper

82 100

128 36.7 29.3 43.9

54 47.0 36.9 55.3



#24

Nitrobenzene

Concen: 3.744 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

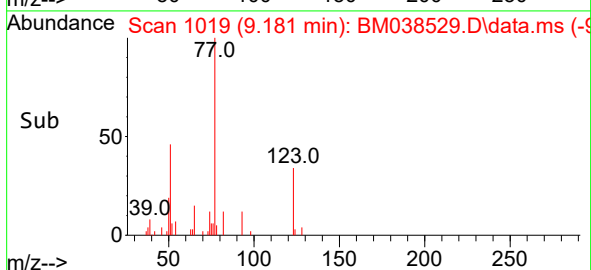
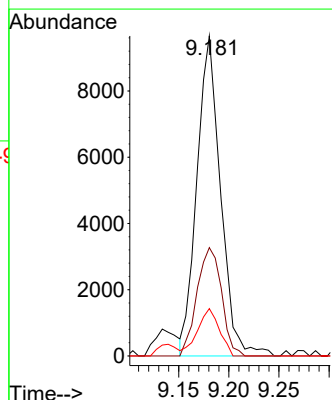
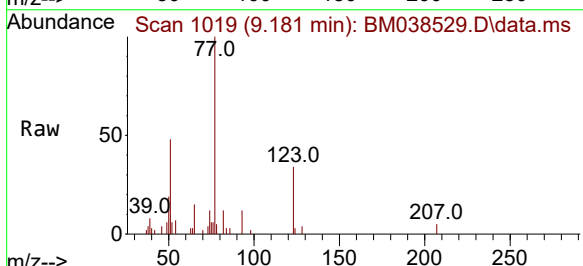
Tgt Ion: 77 Resp: 15901

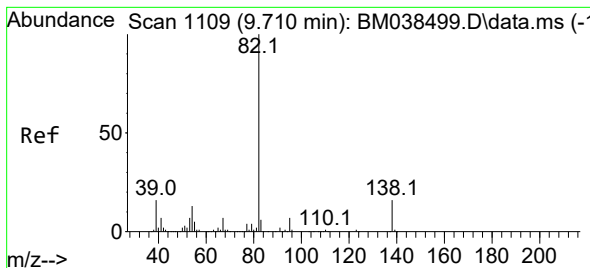
Ion Ratio Lower Upper

77 100

123 33.8 31.5 47.3

65 14.8 11.2 16.8





#25

Isophorone

Concen: 3.297 ng

RT: 9.704 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

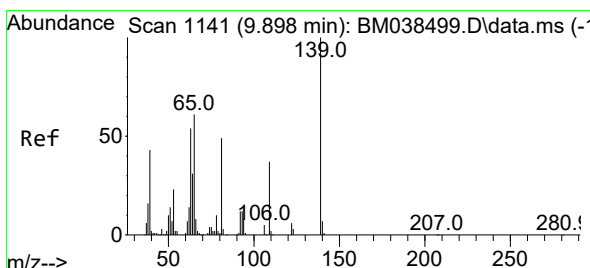
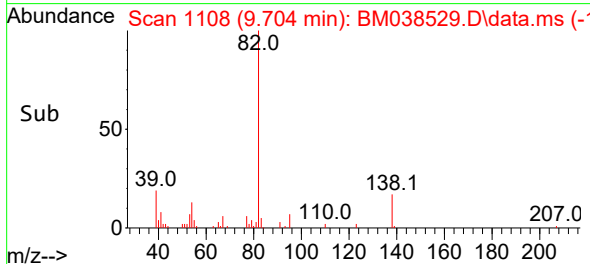
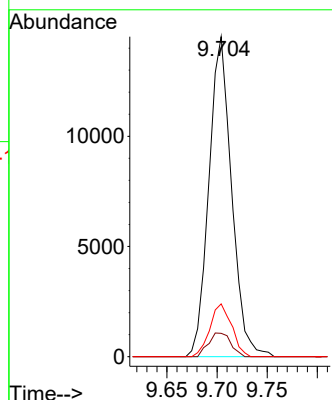
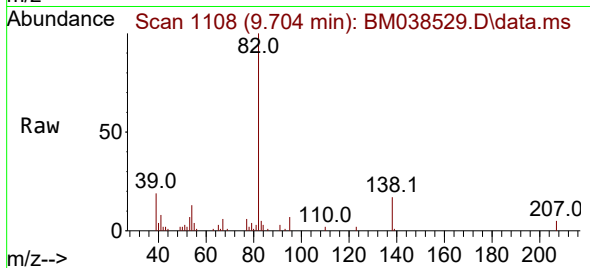
Tgt Ion: 82 Resp: 22841

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 16.5 13.2 19.8



#26

2-Nitrophenol

Concen: 3.001 ng

RT: 9.898 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

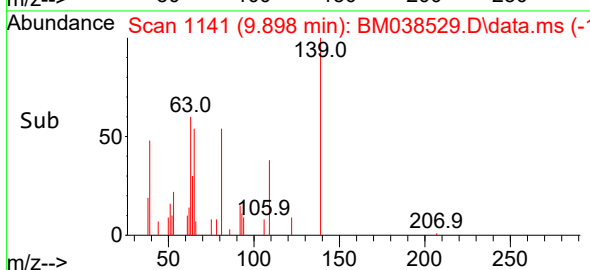
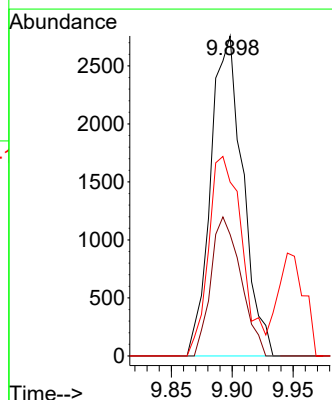
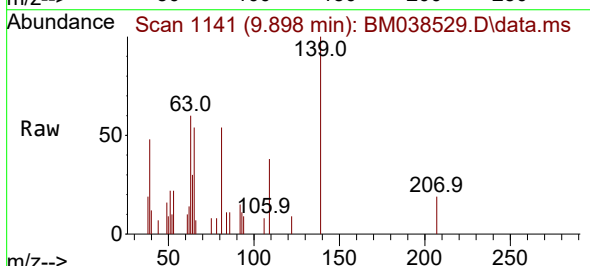
Tgt Ion: 139 Resp: 5059

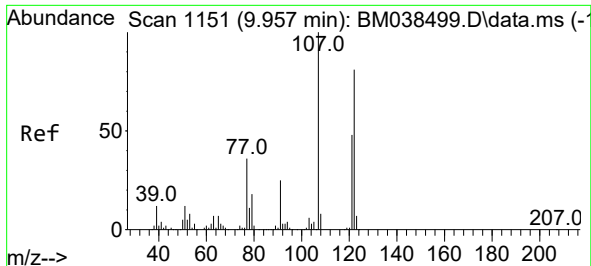
Ion Ratio Lower Upper

139 100

109 38.0 29.3 43.9

65 54.4 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 2.935 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

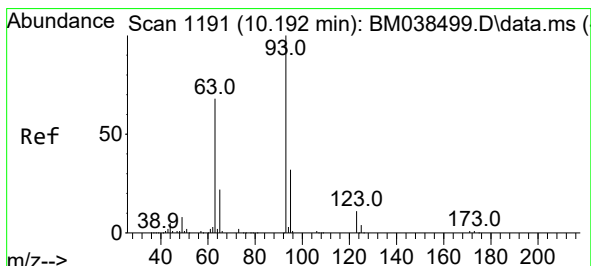
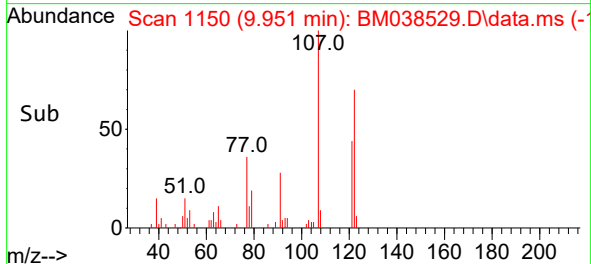
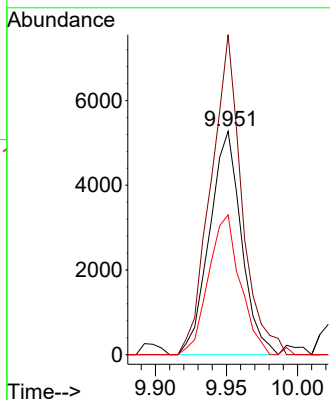
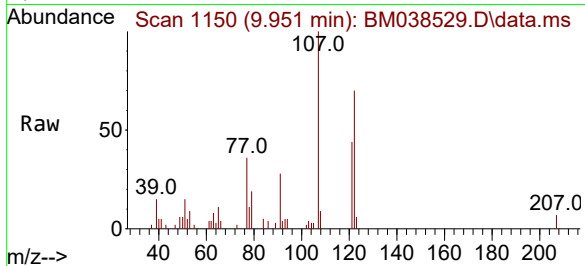
Tgt Ion:122 Resp: 8234

Ion Ratio Lower Upper

122 100

107 143.2 98.2 147.2

121 62.6 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 3.365 ng

RT: 10.186 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

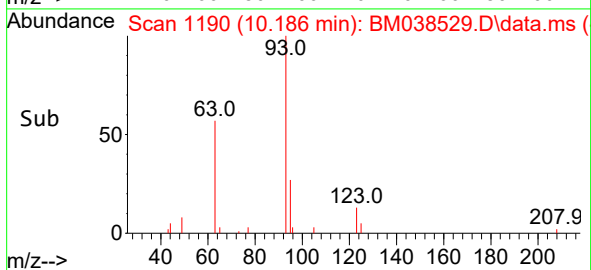
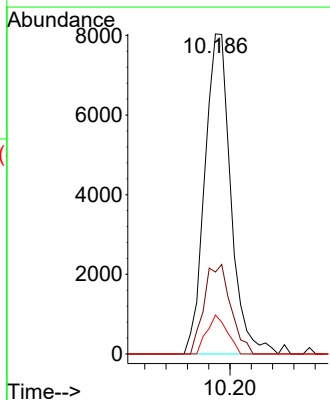
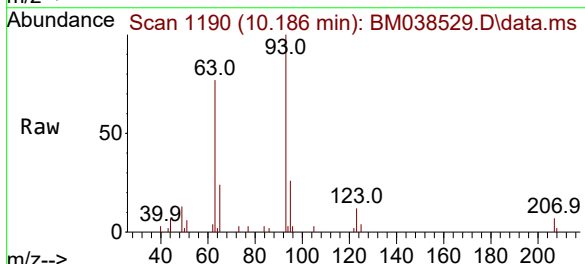
Tgt Ion: 93 Resp: 13634

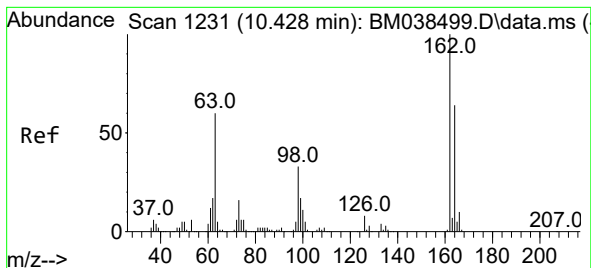
Ion Ratio Lower Upper

93 100

95 25.6 25.3 37.9

123 12.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 3.153 ng

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

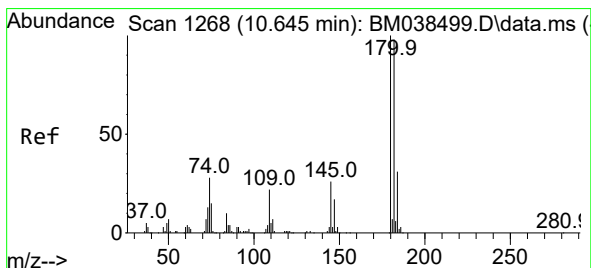
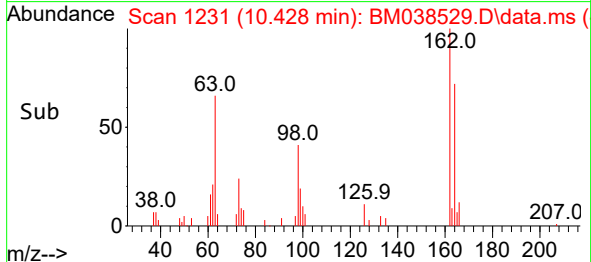
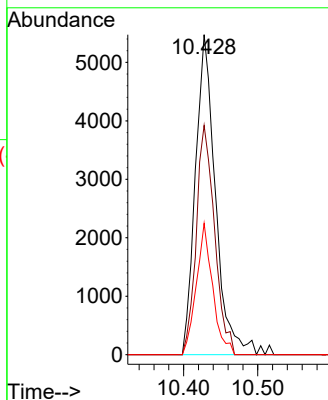
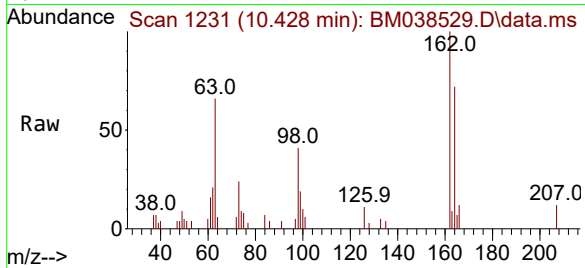
Tgt Ion:162 Resp: 10377

Ion Ratio Lower Upper

162 100

164 71.6 43.7 83.7

98 41.0 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 3.623 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

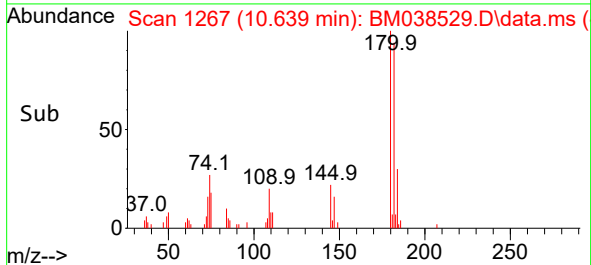
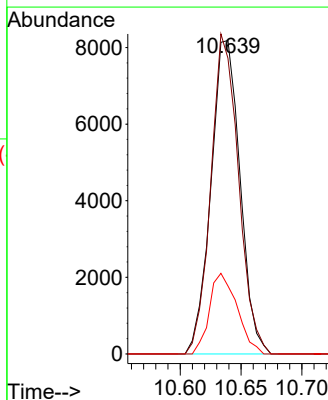
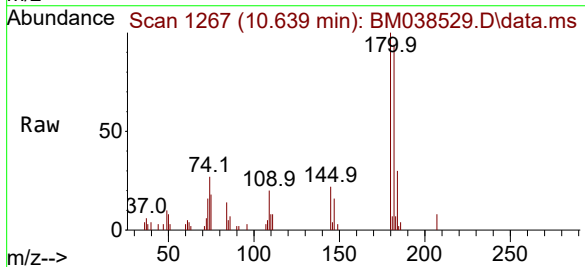
Tgt Ion:180 Resp: 13636

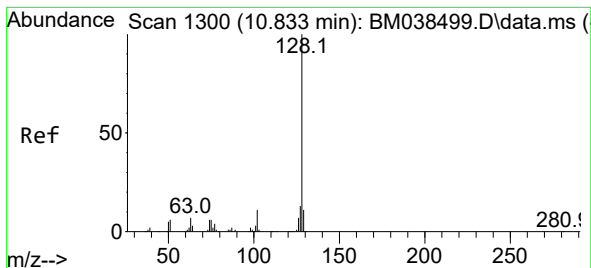
Ion Ratio Lower Upper

180 100

182 94.3 78.3 117.5

145 21.7 21.0 31.6





#31

Naphthalene

Concen: 3.307 ng

RT: 10.828 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

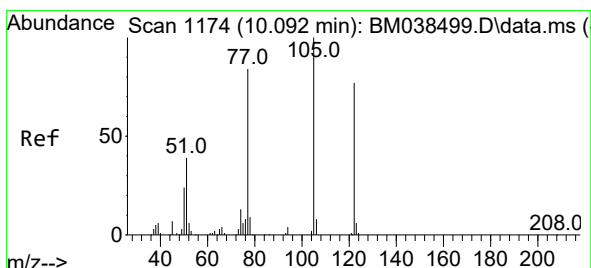
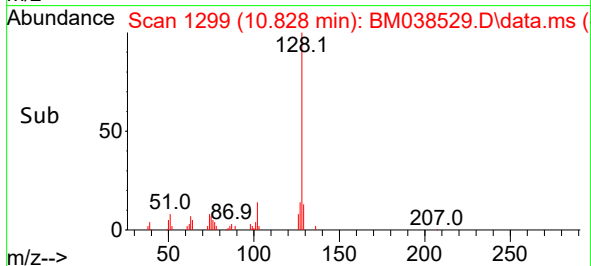
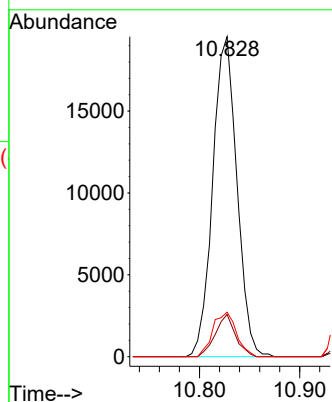
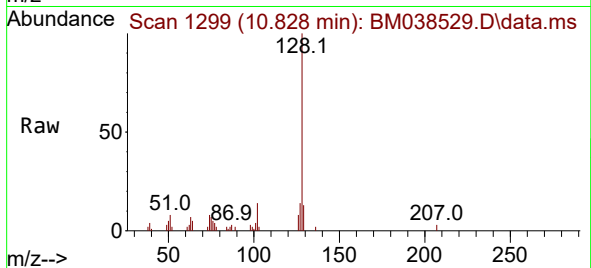
Tgt Ion:128 Resp: 32752

Ion Ratio Lower Upper

128 100

129 13.2 8.8 13.2#

127 13.9 10.3 15.5



#32

Benzoic acid

Concen: 6.510 ng

RT: 10.033 min Scan# 1164

Delta R.T. -0.059 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

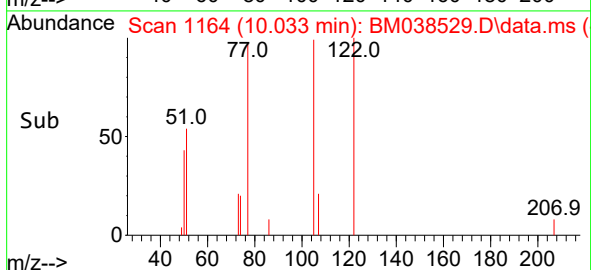
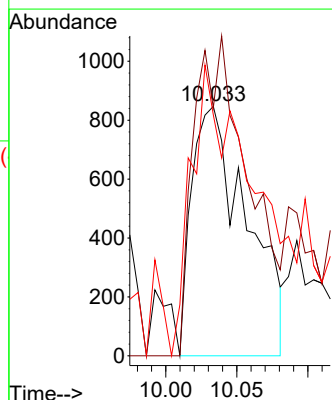
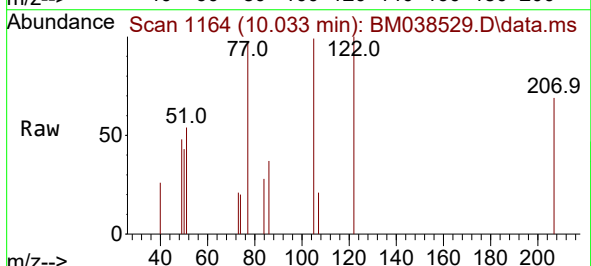
Tgt Ion:122 Resp: 2290

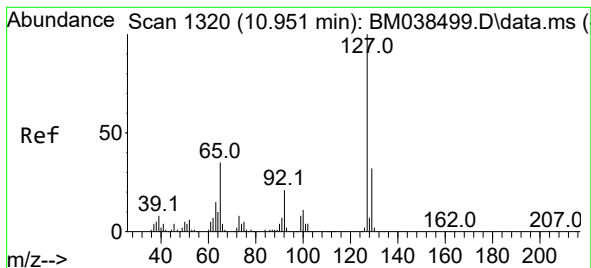
Ion Ratio Lower Upper

122 100

105 99.4 107.9 147.9#

77 96.6 88.6 128.6

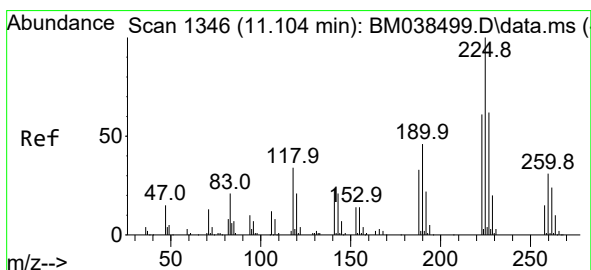
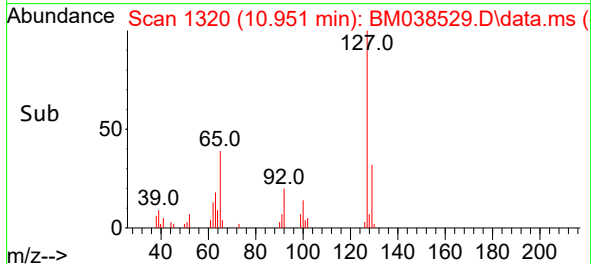
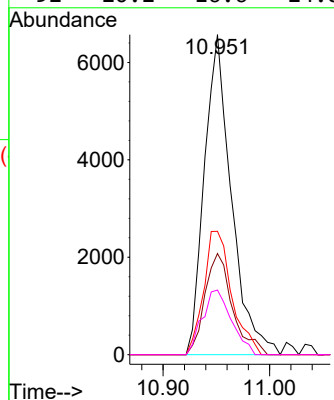
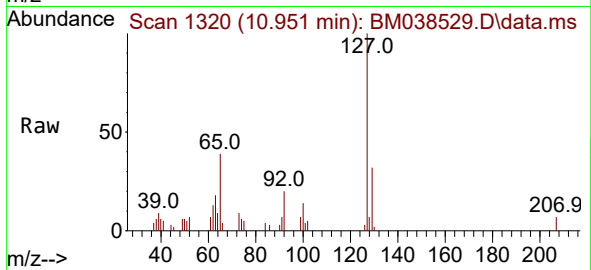




#33
4-Chloroaniline
Concen: 2.799 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

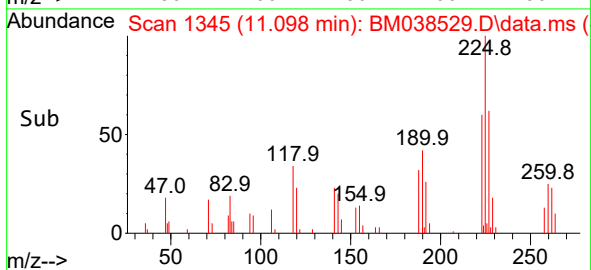
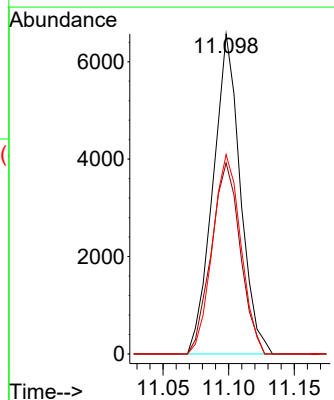
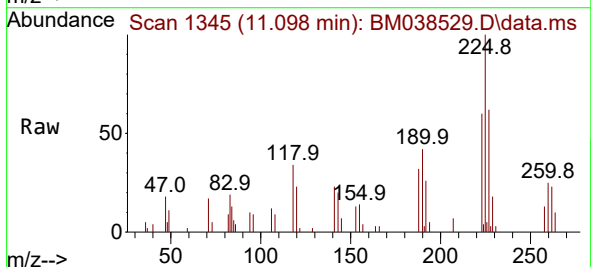
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

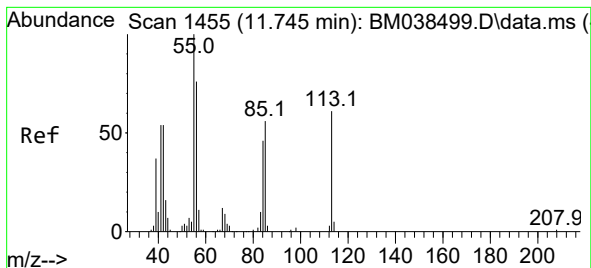
Tgt Ion:	127	Resp:	11568
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	38.6	28.2	42.2
92	20.2	16.6	24.8



#34
Hexachlorobutadiene
Concen: 3.838 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:	225	Resp:	9504
Ion	Ratio	Lower	Upper
225	100		
223	57.0	48.8	73.2
227	59.5	49.4	74.0





#35

Caprolactam

Concen: 2.123 ng

RT: 11.727 min Scan# 1455

Delta R.T. -0.018 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

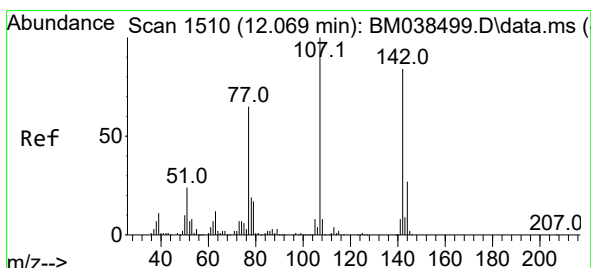
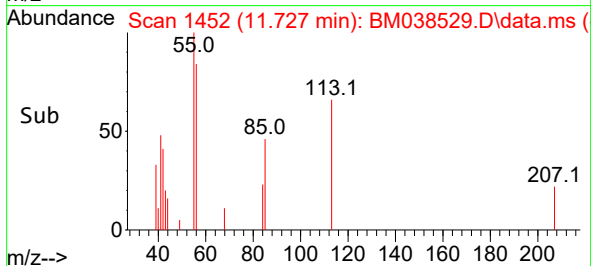
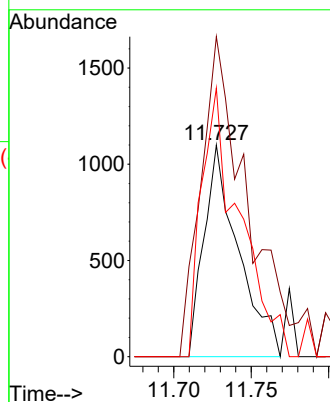
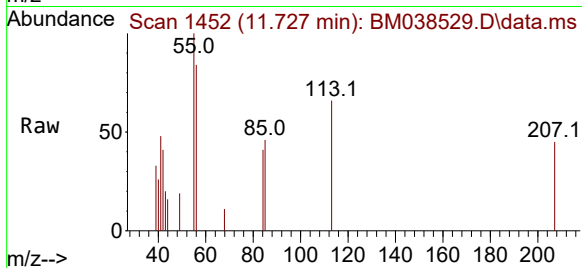
Tgt Ion:113 Resp: 1694

Ion Ratio Lower Upper

113 100

55 151.2 145.0 185.0

56 126.9 105.7 145.7



#36

4-Chloro-3-methylphenol

Concen: 2.957 ng

RT: 12.063 min Scan# 1509

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

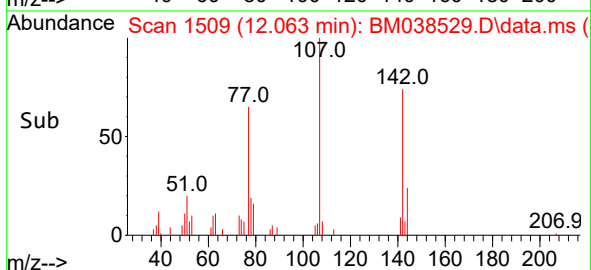
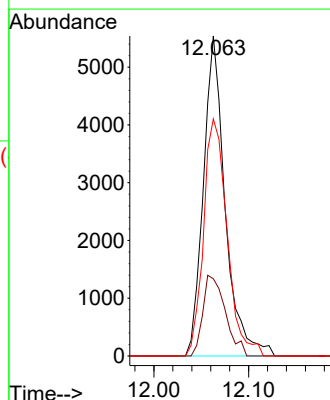
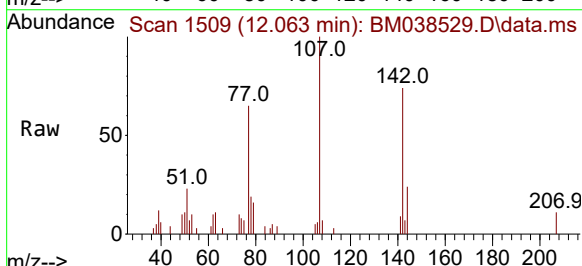
Tgt Ion:107 Resp: 8850

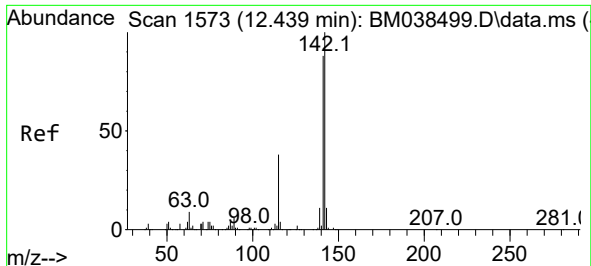
Ion Ratio Lower Upper

107 100

144 24.2 22.0 33.0

142 74.0 67.5 101.3

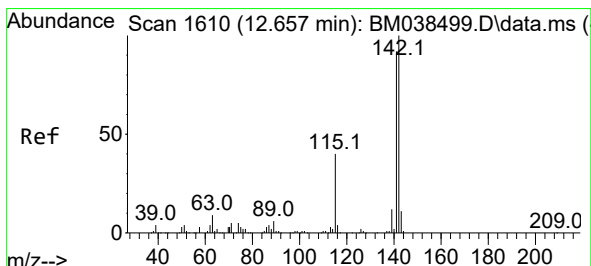
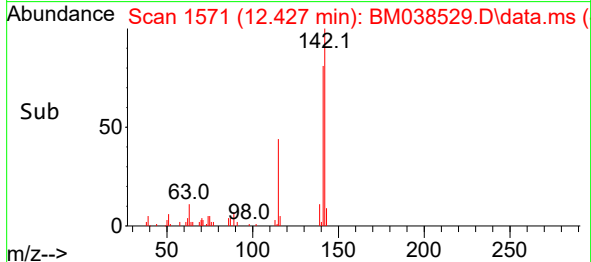
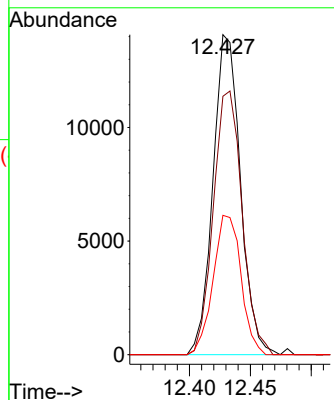
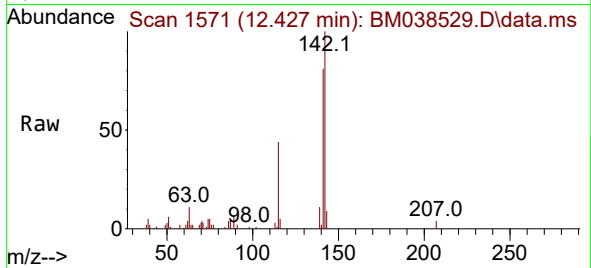




#37
2-Methylnaphthalene
Concen: 3.104 ng
RT: 12.427 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

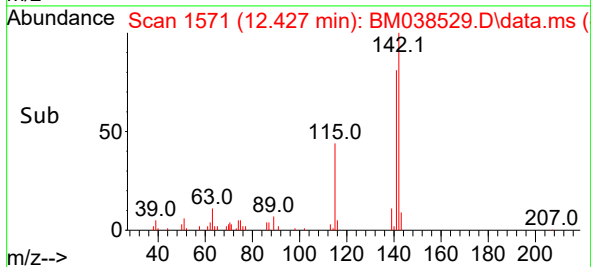
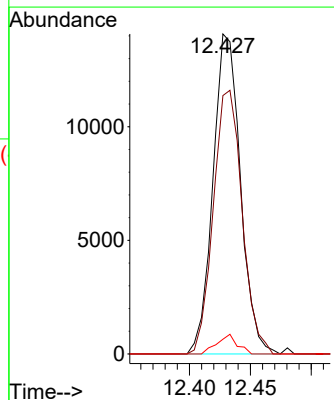
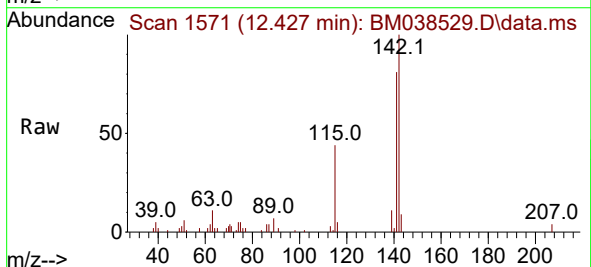
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

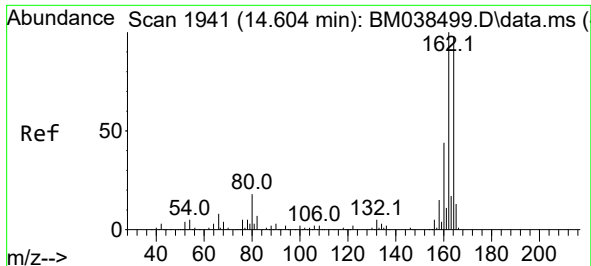
Tgt Ion:142 Resp: 22090
Ion Ratio Lower Upper
142 100
141 80.7 70.7 106.1
115 43.5 30.4 45.6



#38
1-Methylnaphthalene
Concen: 3.291 ng
RT: 12.427 min Scan# 1571
Delta R.T. -0.229 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:142 Resp: 22090
Ion Ratio Lower Upper
142 100
141 80.7 73.4 110.0
116 4.6 3.3 4.9

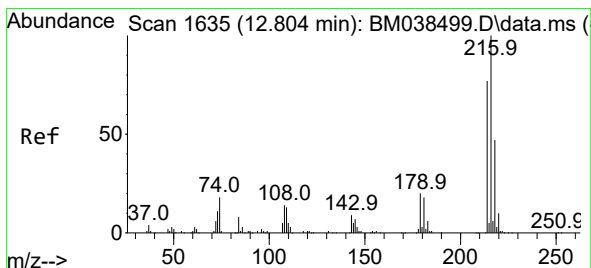
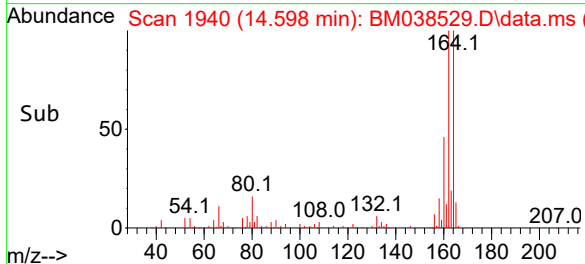
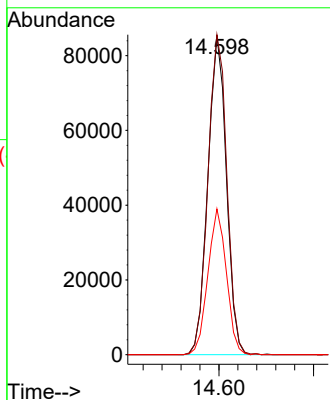
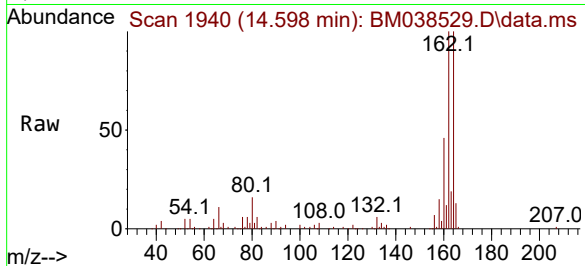




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

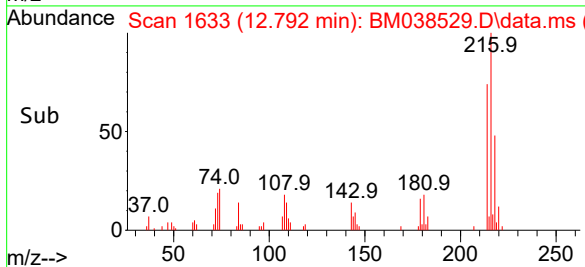
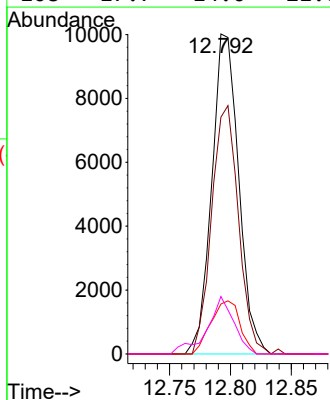
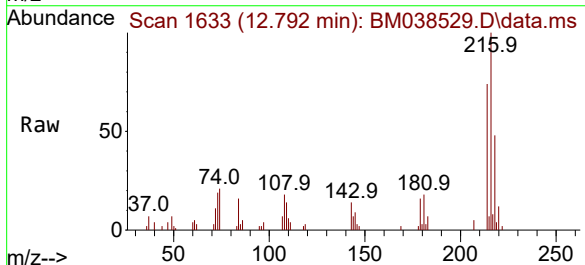
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

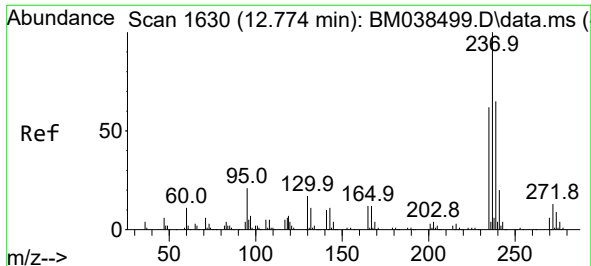
Tgt Ion:164 Resp: 115563
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 45.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.549 ng
RT: 12.792 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:216 Resp: 15429
Ion Ratio Lower Upper
216 100
214 77.4 61.4 92.0
179 17.8 15.7 23.5
108 17.7 14.0 21.0

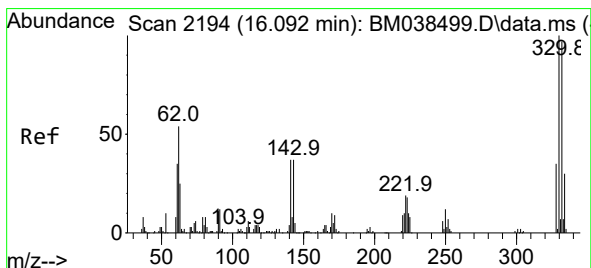
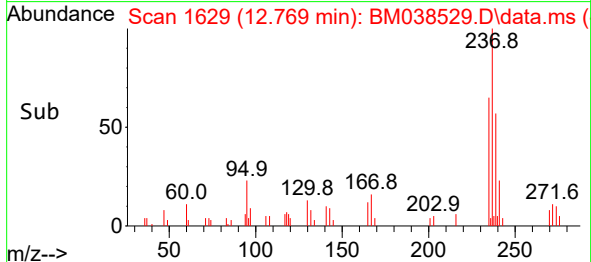
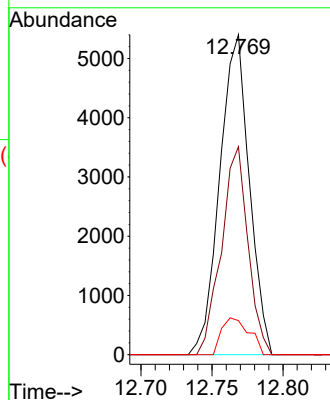
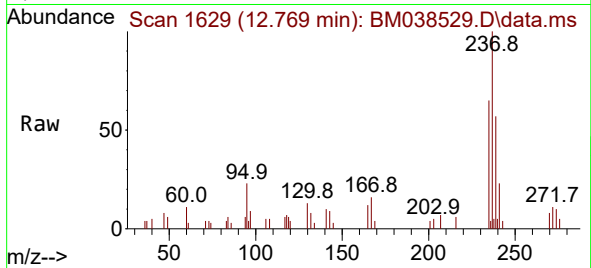




#41
Hexachlorocyclopentadiene
Concen: 3.268 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

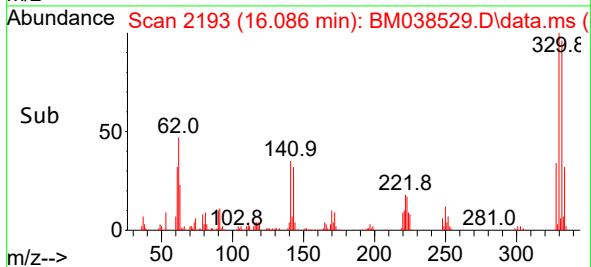
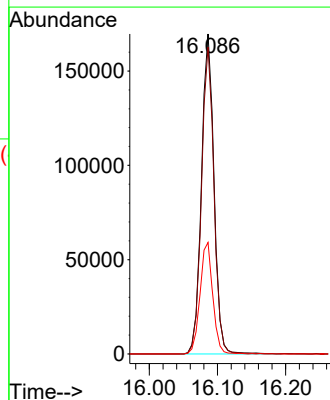
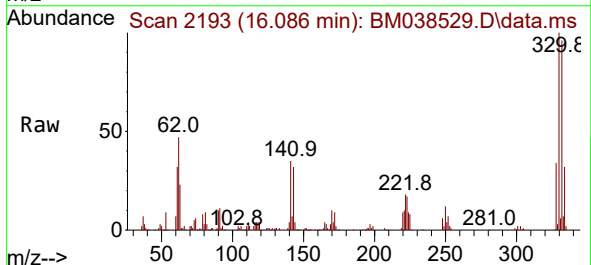
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

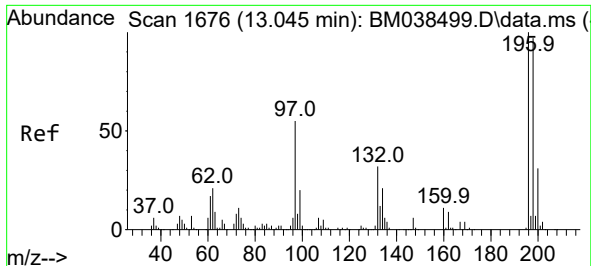
Tgt Ion:237 Resp: 7809
Ion Ratio Lower Upper
237 100
235 65.0 42.3 82.3
272 10.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 130.450 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:330 Resp: 217088
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 35.3 29.0 43.4

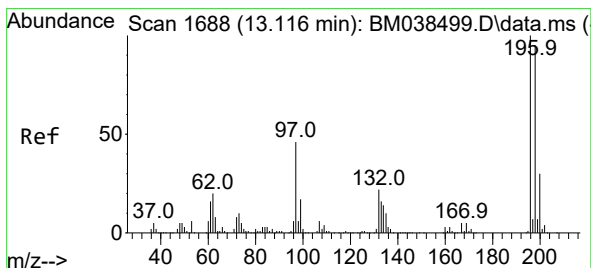
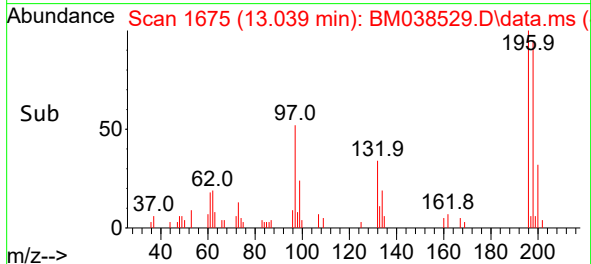
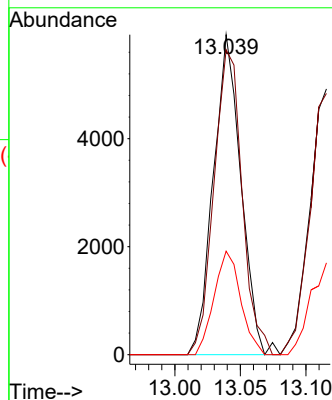
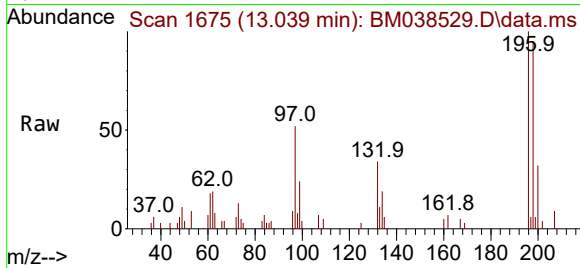




#43
2,4,6-Trichlorophenol
Concen: 3.111 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

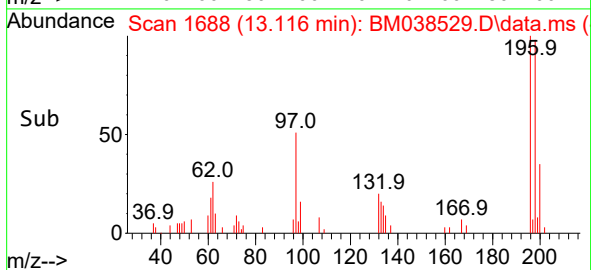
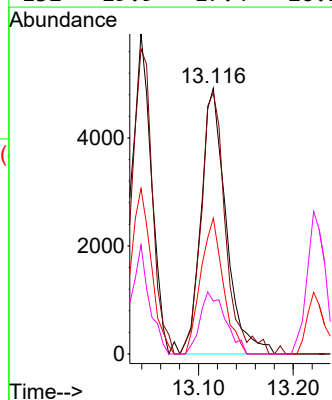
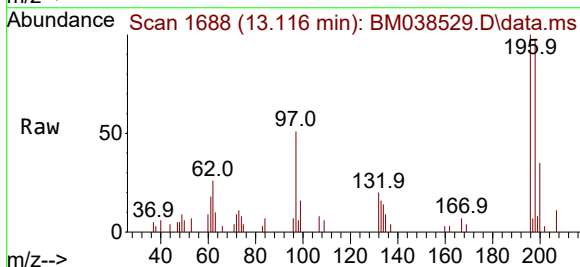
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

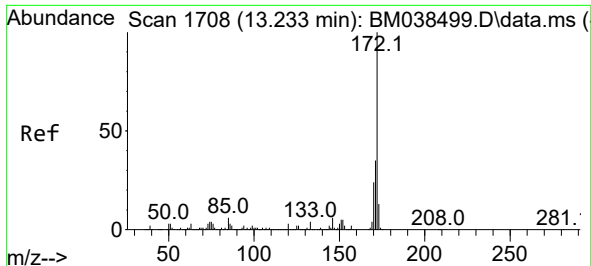
Tgt Ion:196 Resp: 8658
Ion Ratio Lower Upper
196 100
198 95.3 77.9 116.9
200 32.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 2.766 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:196 Resp: 9015
Ion Ratio Lower Upper
196 100
198 98.3 76.0 114.0
97 51.0 36.9 55.3
132 19.9 17.4 26.2

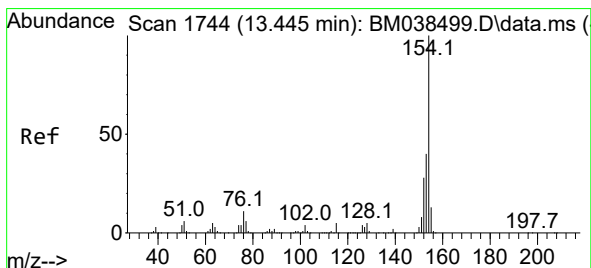
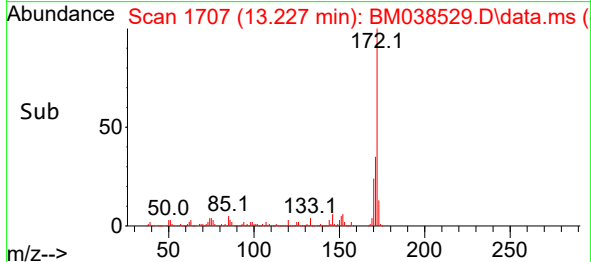
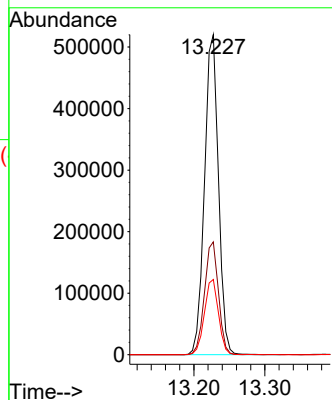
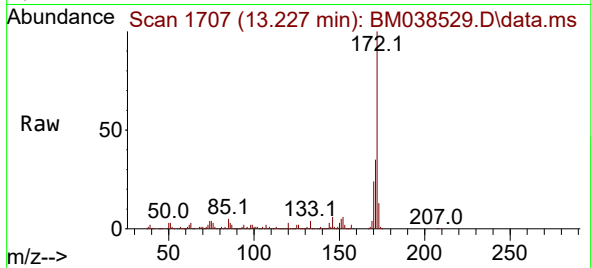




#45
2-Fluorobiphenyl
Concen: 75.812 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

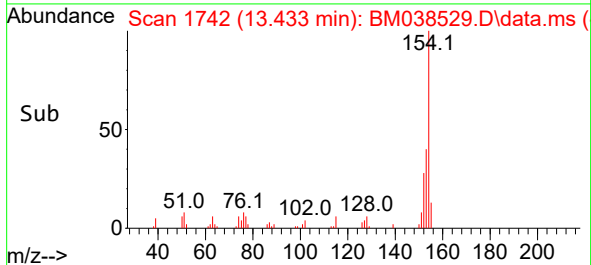
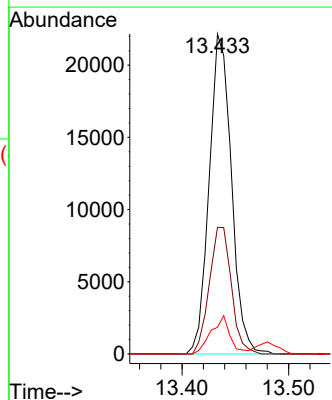
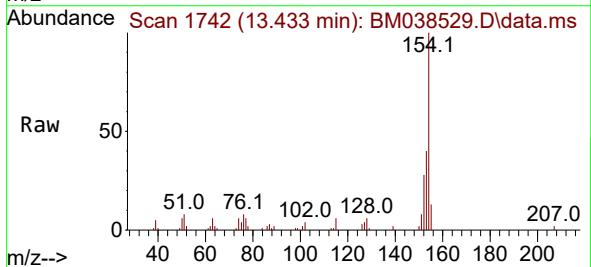
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

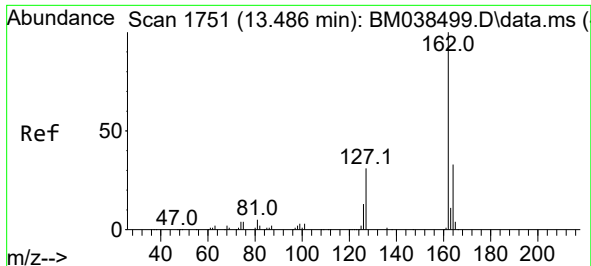
Tgt Ion:172 Resp: 711233
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 3.475 ng
RT: 13.433 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:154 Resp: 32164
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 8.3 0.0 31.3

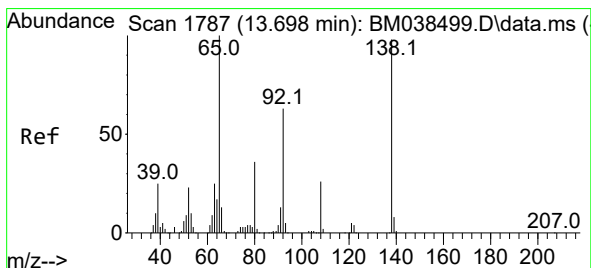
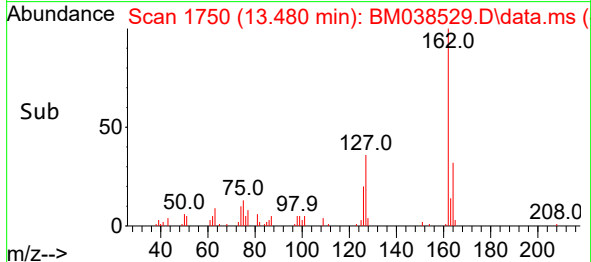
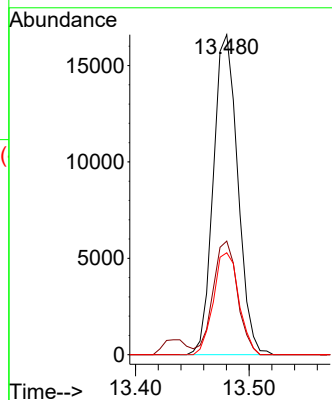
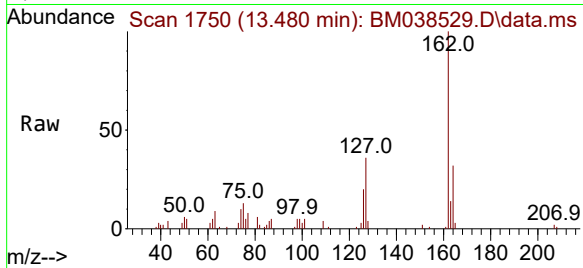




#47
2-Chloronaphthalene
Concen: 3.429 ng
RT: 13.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

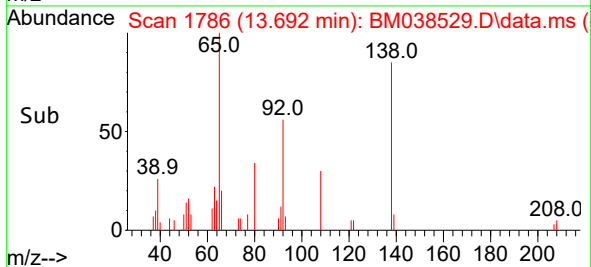
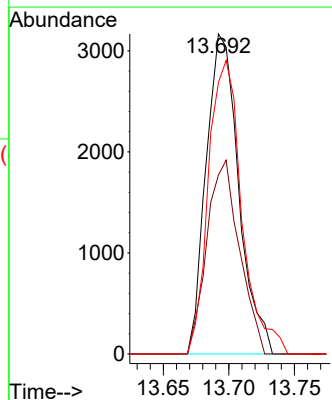
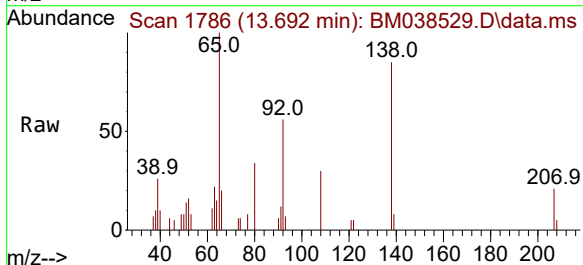
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

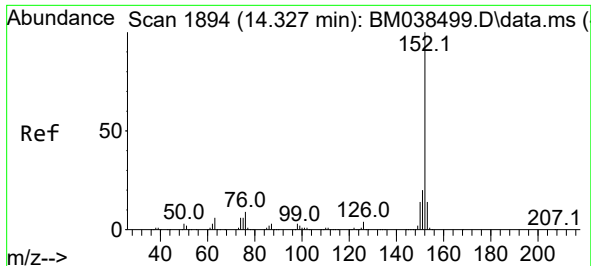
Tgt Ion:	162	Resp:	24777
Ion Ratio	Lower	Upper	
162	100		
127	35.5	27.4	41.2
164	31.8	26.7	40.1



#48
2-Nitroaniline
Concen: 2.579 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:	65	Resp:	5472
Ion Ratio	Lower	Upper	
65	100		
92	55.9	50.0	75.0
138	84.8	78.2	117.2

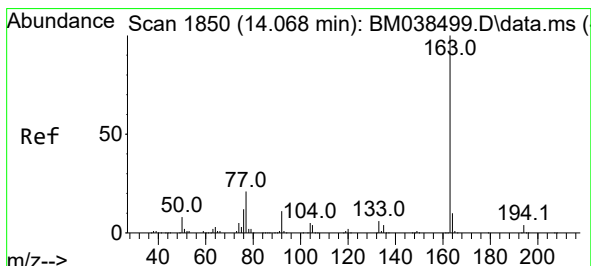
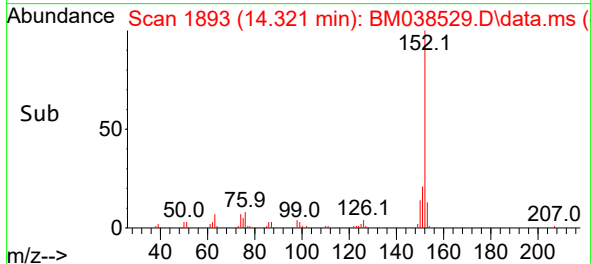
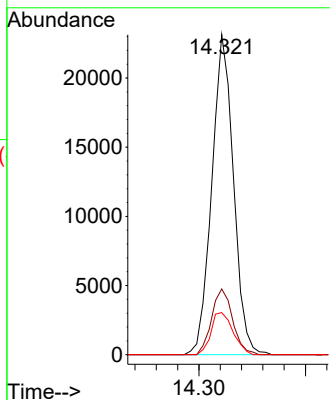
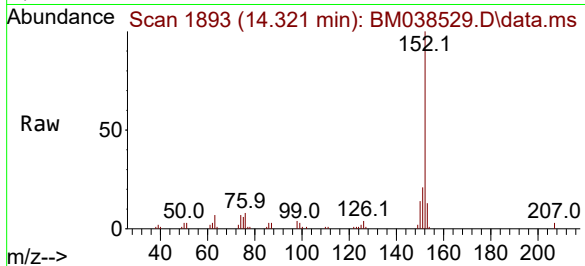




#49
Acenaphthylene
Concen: 2.885 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

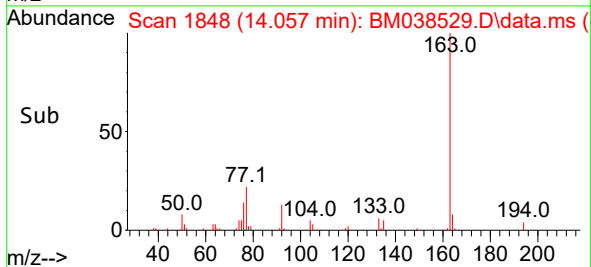
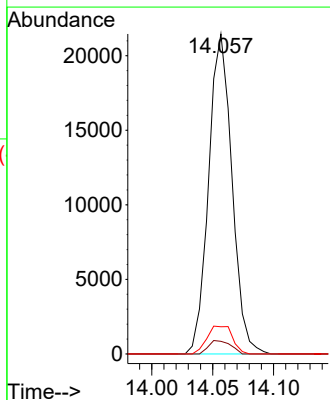
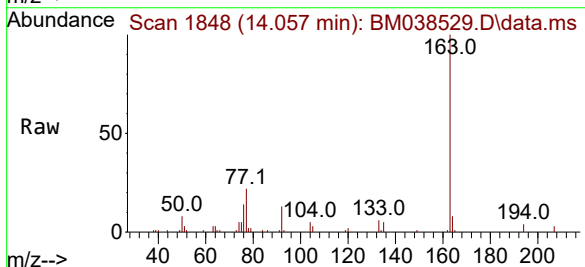
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

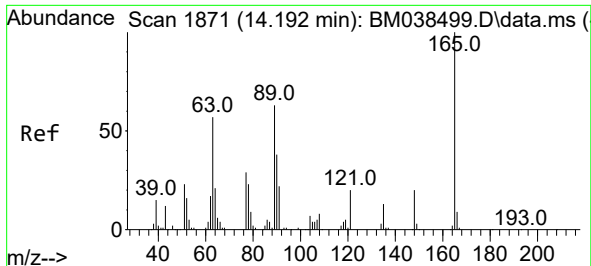
Tgt Ion:152 Resp: 32605
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 3.219 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:163 Resp: 28634
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 8.5 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 2.771 ng

RT: 14.180 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

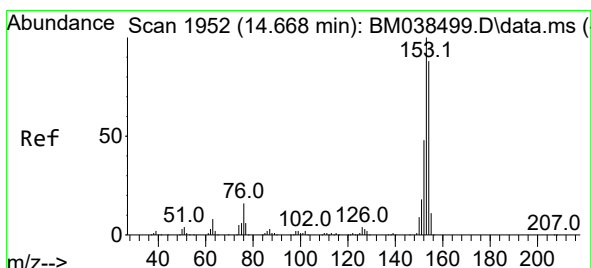
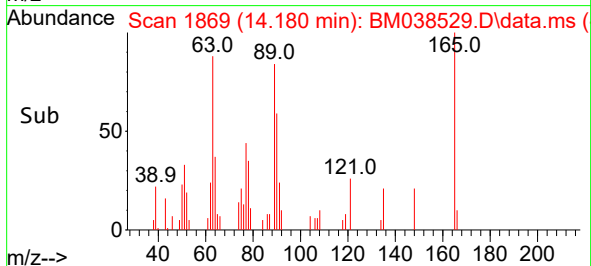
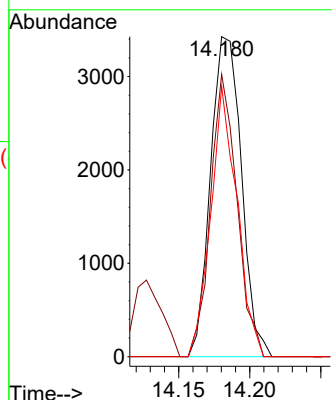
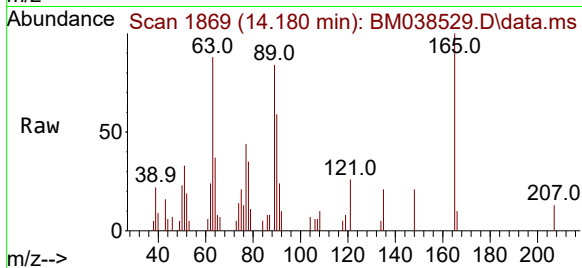
Tgt Ion:165 Resp: 5187

Ion Ratio Lower Upper

165 100

63 88.2 51.0 76.4#

89 84.5 50.2 75.4#



#52

Acenaphthene

Concen: 3.100 ng

RT: 14.663 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

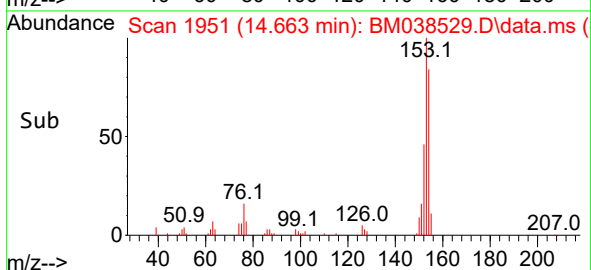
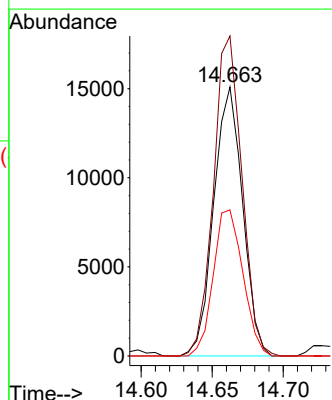
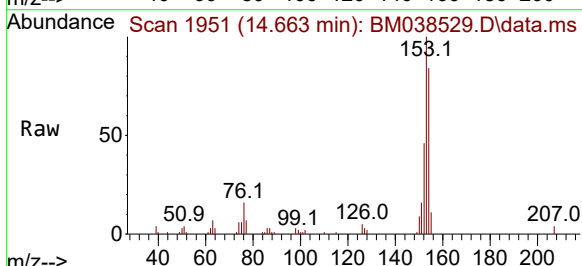
Tgt Ion:154 Resp: 21374

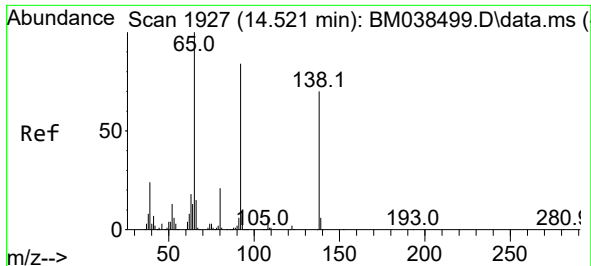
Ion Ratio Lower Upper

154 100

153 118.9 90.7 136.1

152 54.3 43.8 65.8

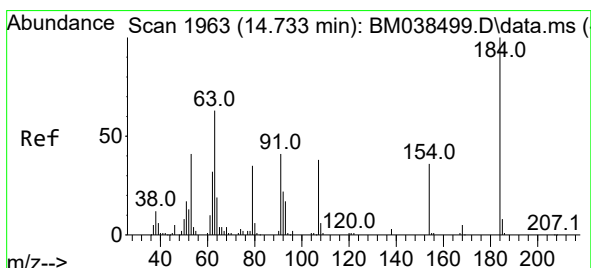
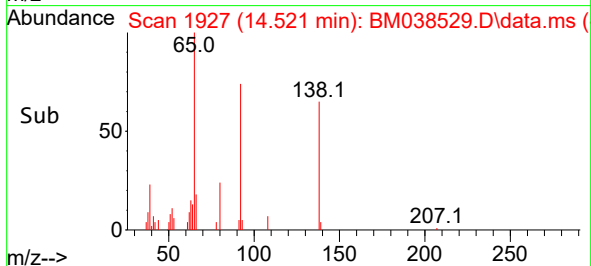
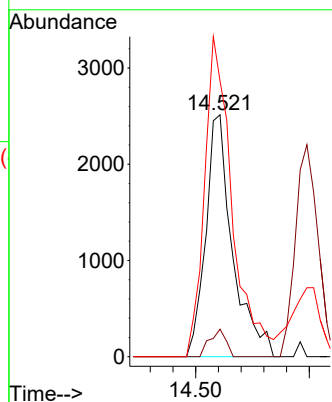
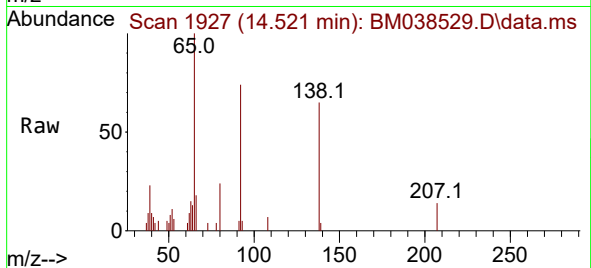




#53
3-Nitroaniline
Concen: 2.209 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

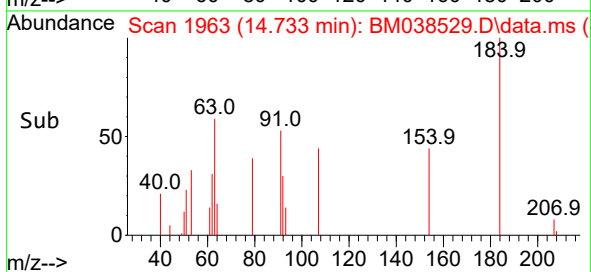
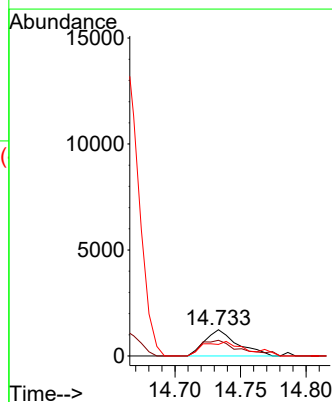
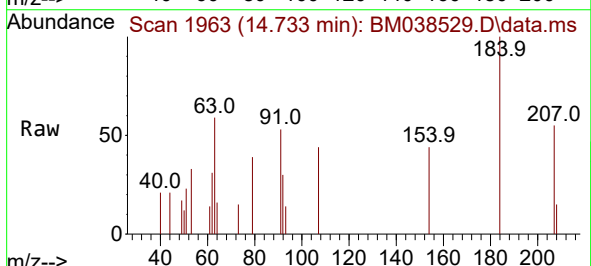
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

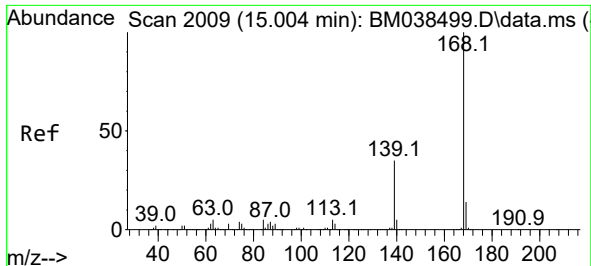
Tgt Ion:138 Resp: 4110
Ion Ratio Lower Upper
138 100
108 11.4 7.0 10.4#
92 113.9 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 6.232 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:184 Resp: 2126
Ion Ratio Lower Upper
184 100
63 59.4 52.2 78.4
154 43.7 48.9 73.3#





#55

Dibenzenofuran

Concen: 3.241 ng

RT: 14.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

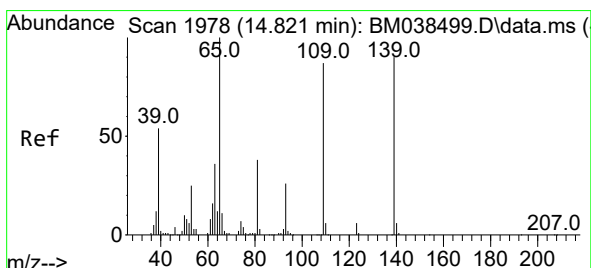
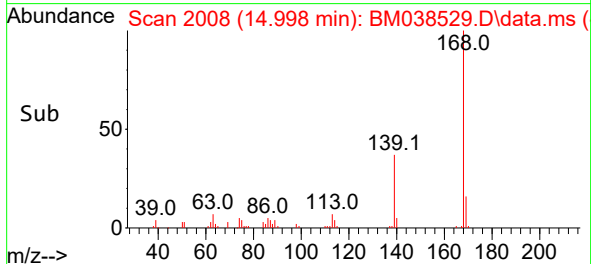
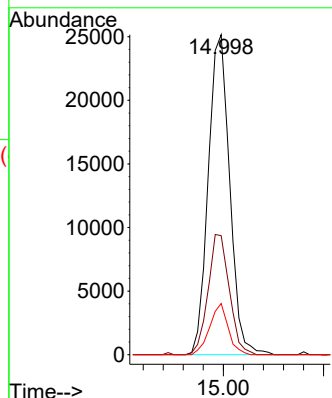
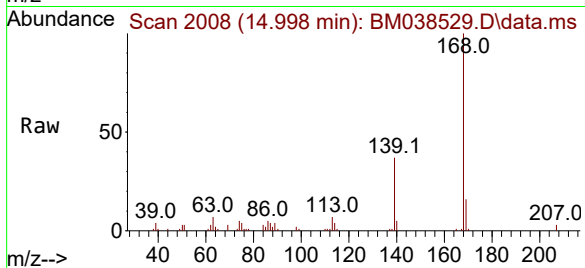
Tgt Ion:168 Resp: 37352

Ion Ratio Lower Upper

168 100

139 37.2 27.9 41.9

169 16.0 11.0 16.6



#56

4-Nitrophenol

Concen: 1.602 ng

RT: 14.833 min Scan# 1980

Delta R.T. 0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

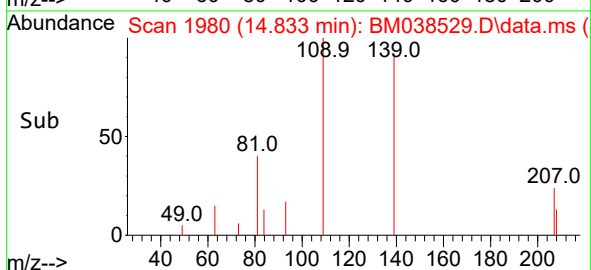
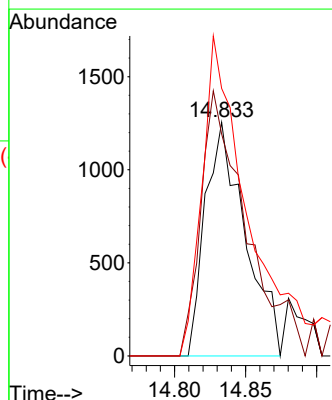
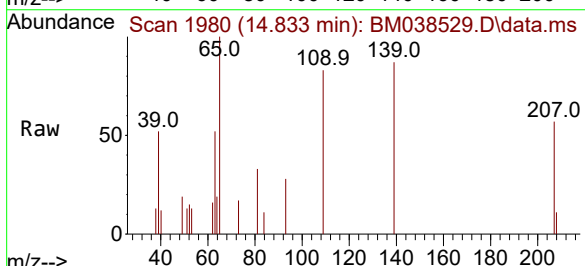
Tgt Ion:139 Resp: 2454

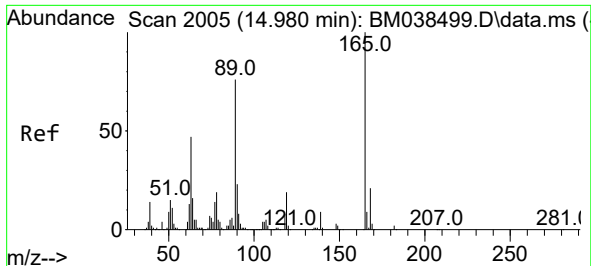
Ion Ratio Lower Upper

139 100

109 95.0 76.8 116.8

65 114.5 91.7 131.7





#57

2,4-Dinitrotoluene

Concen: 2.370 ng

RT: 14.968 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BM038529.D

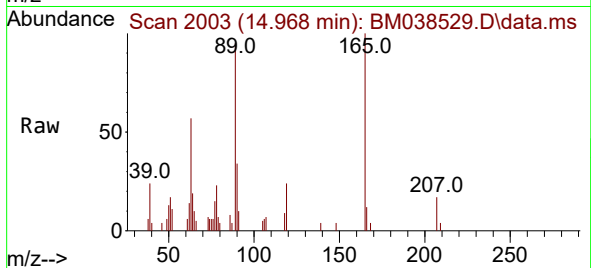
Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:165 Resp: 6014

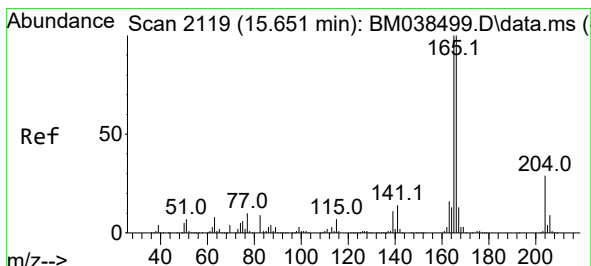
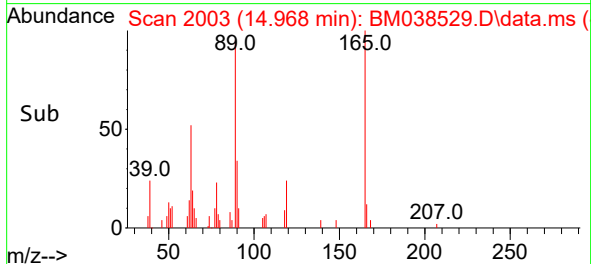
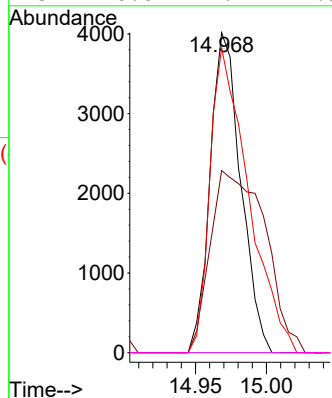
Ion Ratio Lower Upper

165 100

63 56.9 37.8 56.8#

89 95.2 60.9 91.3#

182 0.0 1.7 2.5#



#58

Fluorene

Concen: 3.070 ng

RT: 15.645 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

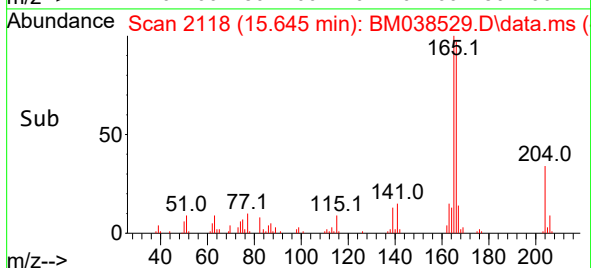
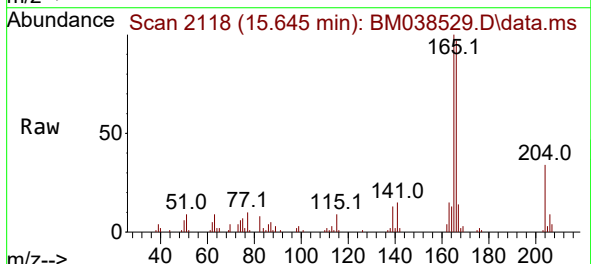
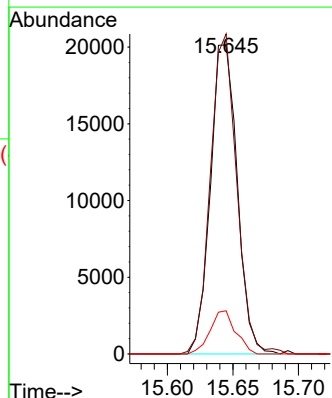
Tgt Ion:166 Resp: 28693

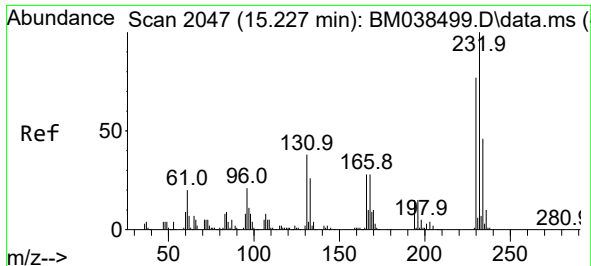
Ion Ratio Lower Upper

166 100

165 103.5 79.6 119.4

167 14.0 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.980 ng

RT: 15.221 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BM038529.D

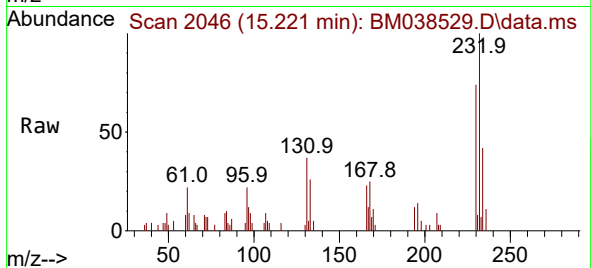
Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:232 Resp: 7940

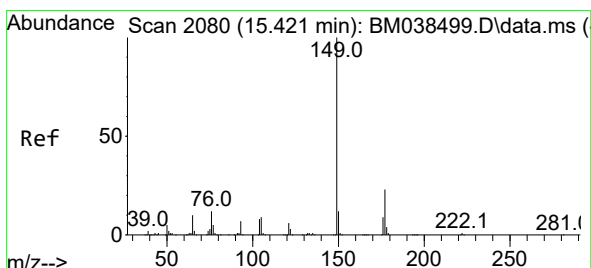
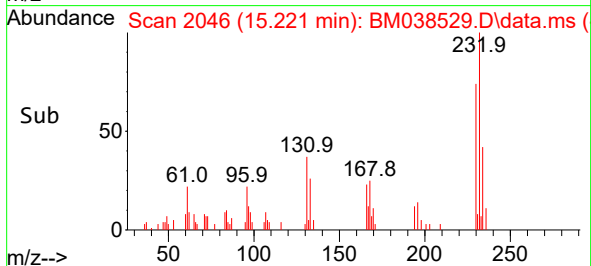
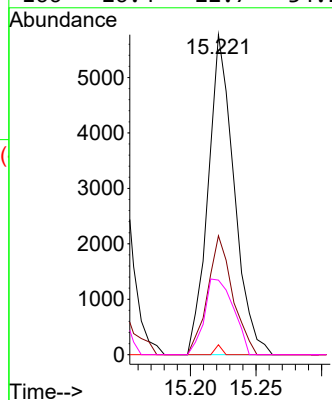
Ion Ratio Lower Upper

232 100

131 35.8 31.0 46.4

130 0.8 1.8 2.6#

166 26.4 22.7 34.1



#60

Diethylphthalate

Concen: 3.039 ng

RT: 15.410 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

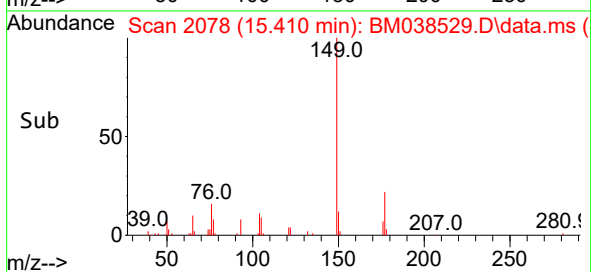
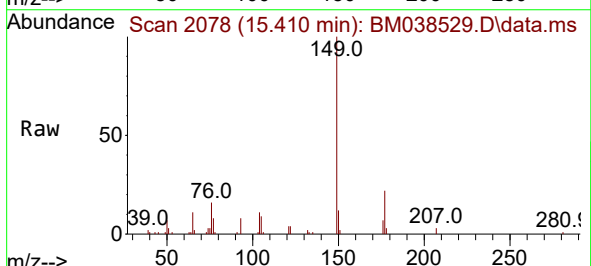
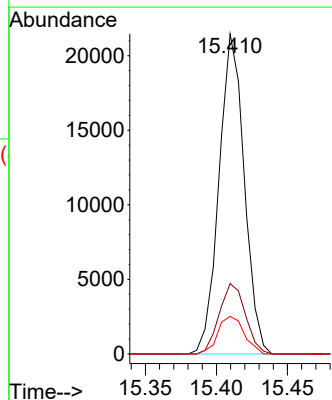
Tgt Ion:149 Resp: 26473

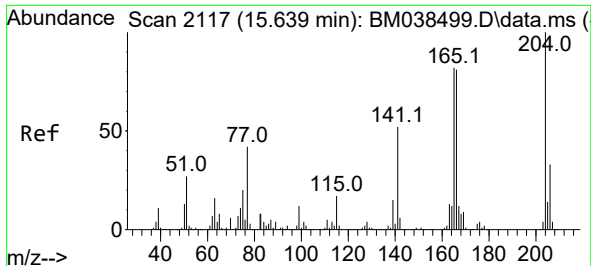
Ion Ratio Lower Upper

149 100

177 22.0 18.6 27.8

150 11.8 9.5 14.3

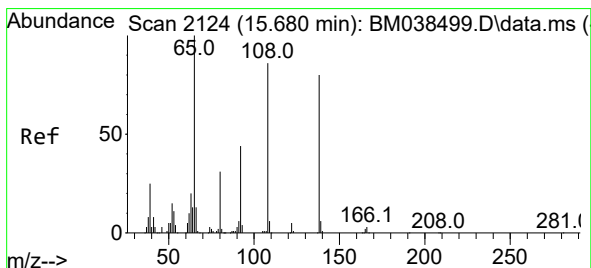
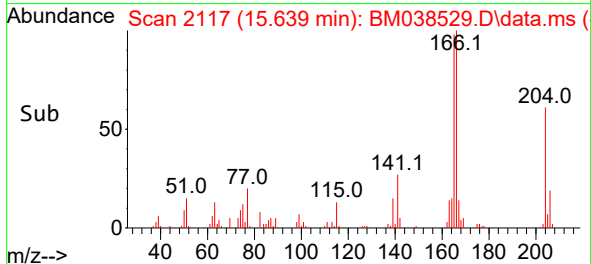
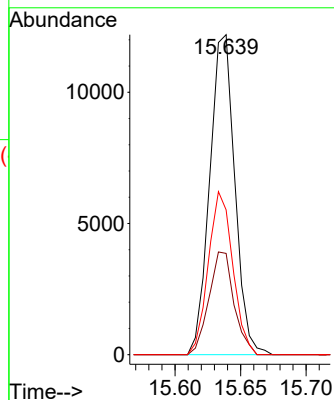
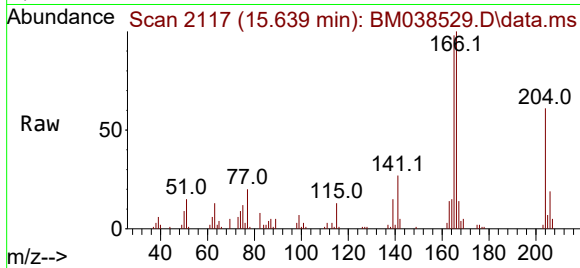




#61
4-Chlorophenyl-phenylether
Concen: 3.308 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

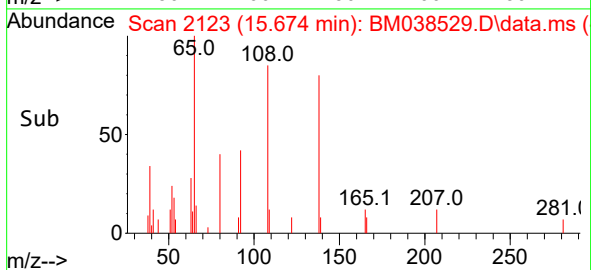
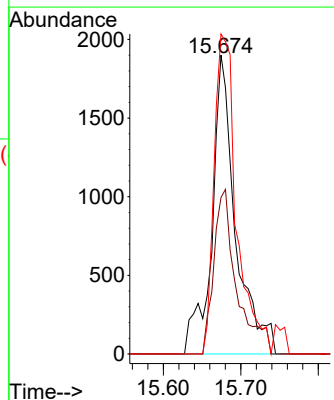
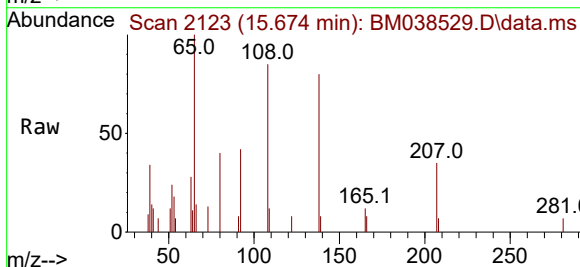
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

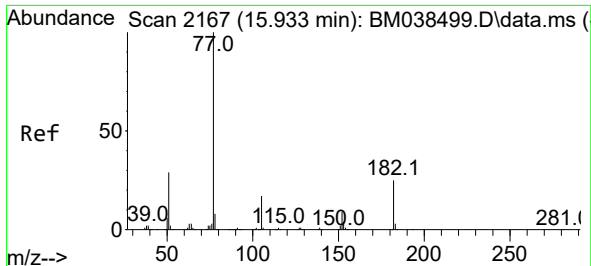
Tgt Ion:204 Resp: 16233
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 45.2 41.5 62.3



#62
4-Nitroaniline
Concen: 5.155 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:138 Resp: 4038
Ion Ratio Lower Upper
138 100
92 52.3 35.2 75.2
108 107.0 87.3 127.3

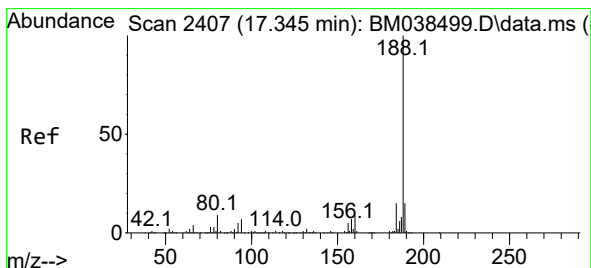
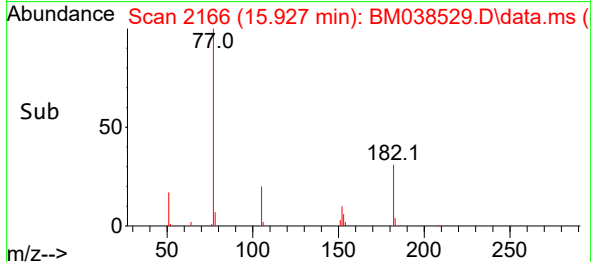
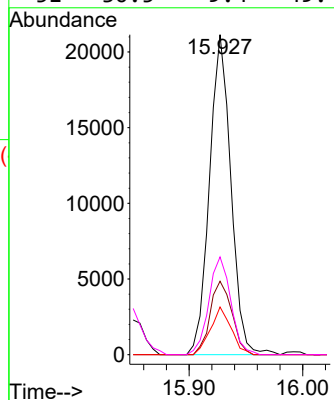
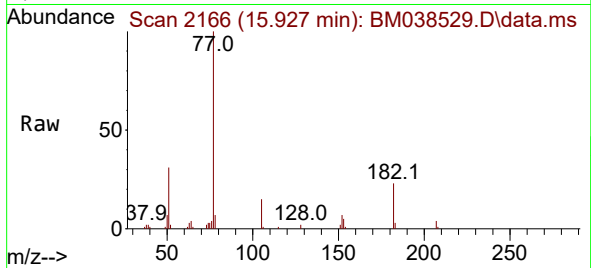




#63
Azobenzene
Concen: 3.003 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

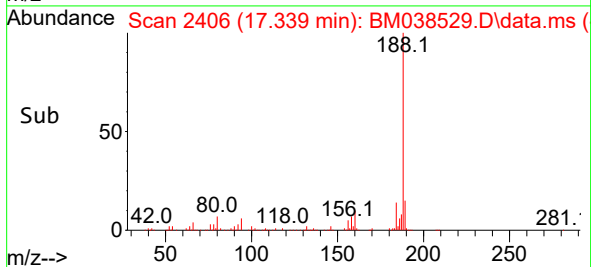
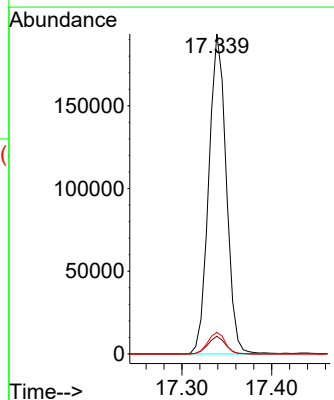
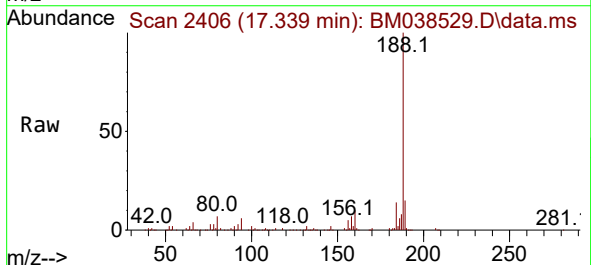
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

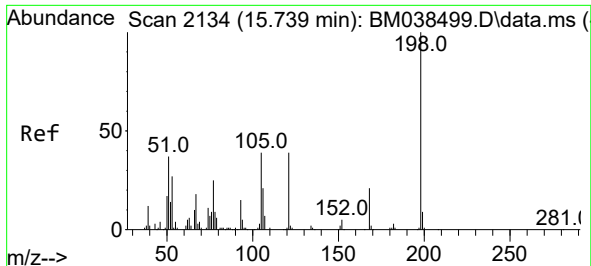
Tgt Ion: 77	Resp: 27717
Ion Ratio	Lower Upper
77 100	
182 22.9	4.7 44.7
105 14.9	0.0 36.7
51 30.5	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 188	Resp: 261754
Ion Ratio	Lower Upper
188 100	
94 5.6	6.0 9.0#
80 6.7	6.9 10.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 2.087 ng

RT: 15.727 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

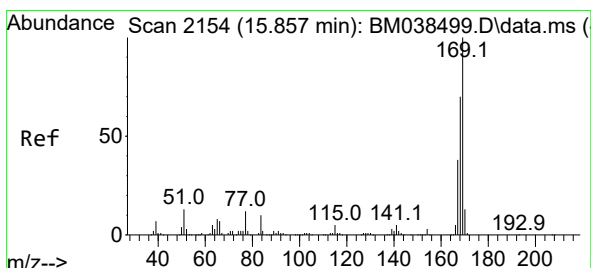
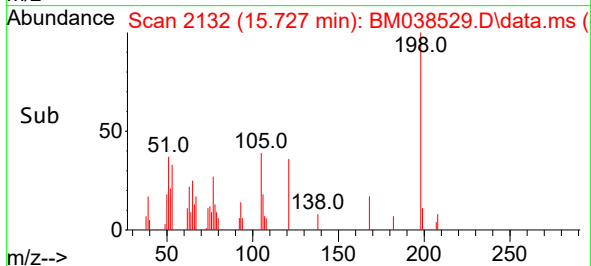
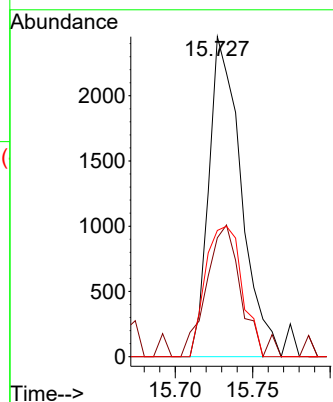
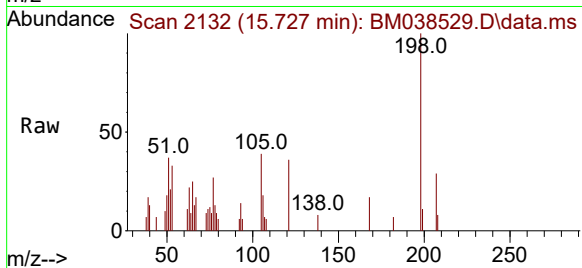
Tgt Ion:198 Resp: 3546

Ion Ratio Lower Upper

198 100

51 37.1 18.8 58.8

105 39.5 19.7 59.7



#66

n-Nitrosodiphenylamine

Concen: 3.046 ng

RT: 15.851 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

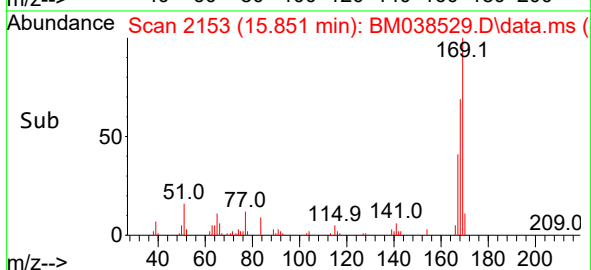
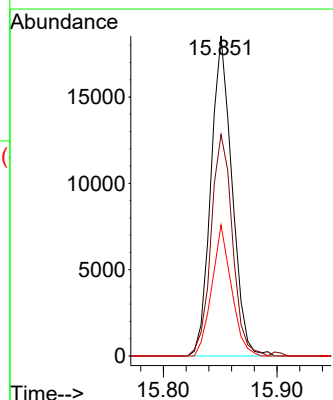
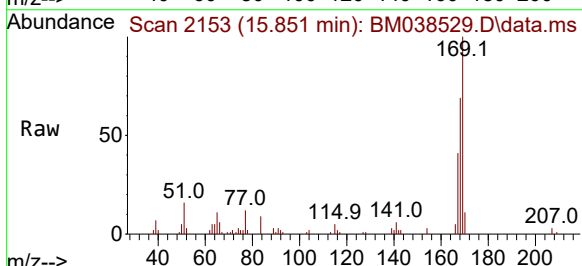
Tgt Ion:169 Resp: 23938

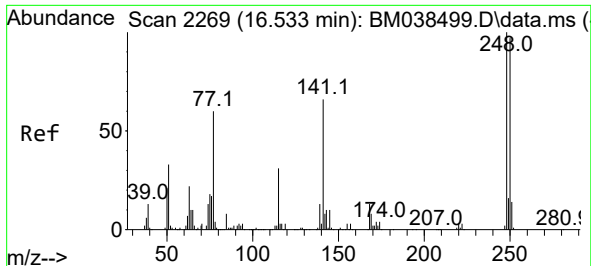
Ion Ratio Lower Upper

169 100

168 69.2 55.8 83.8

167 40.9 30.3 45.5

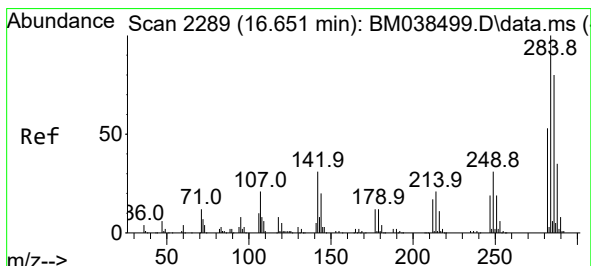
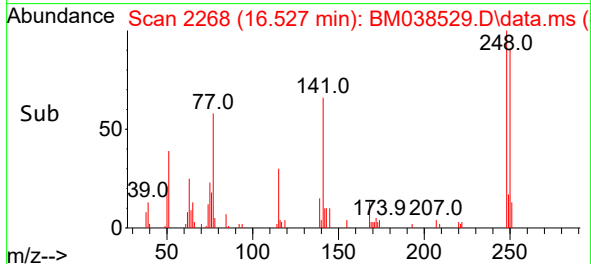
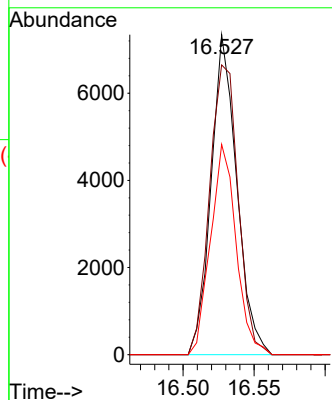
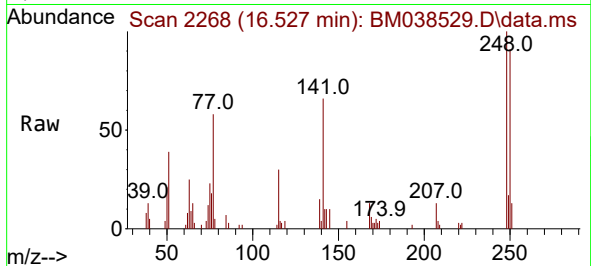




#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

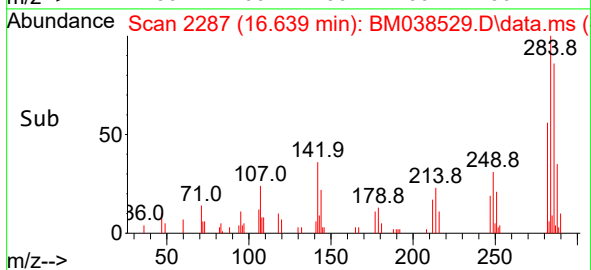
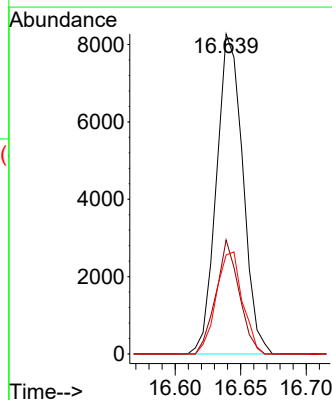
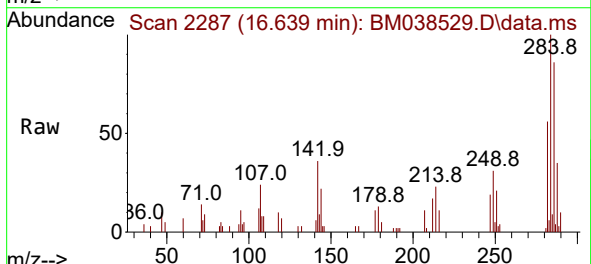
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

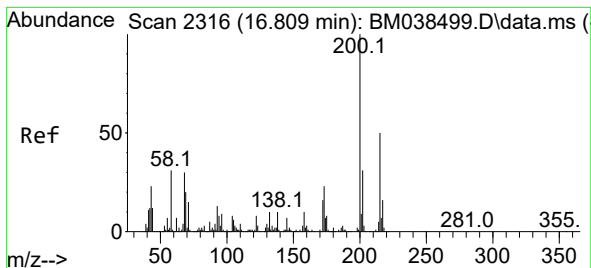
Tgt Ion:248 Resp: 9235
Ion Ratio Lower Upper
248 100
250 90.6 77.6 116.4
141 65.7 52.5 78.7



#68
Hexachlorobenzene
Concen: 3.683 ng
RT: 16.639 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:284 Resp: 11538
Ion Ratio Lower Upper
284 100
142 35.7 25.2 37.8
249 30.9 24.4 36.6





#69

Atrazine

Concen: 3.344 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

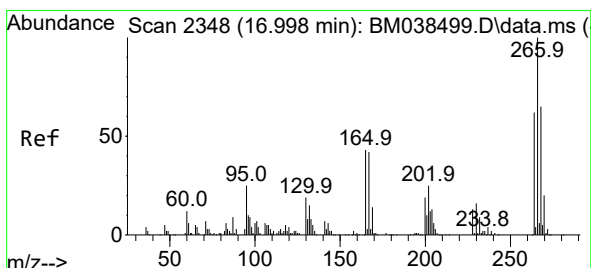
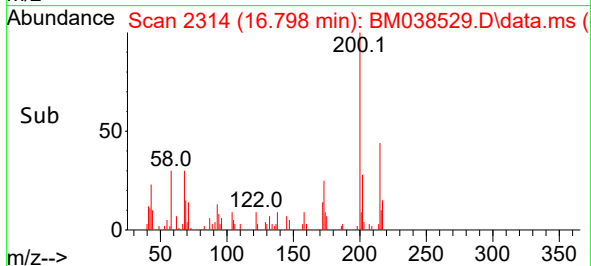
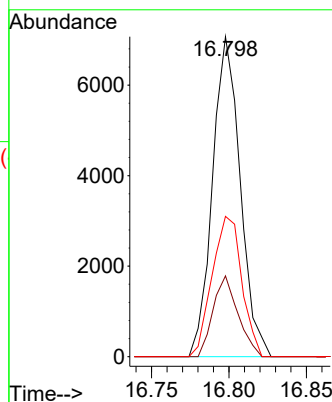
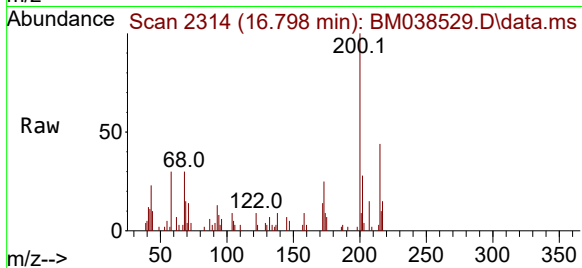
Tgt Ion:200 Resp: 8766

Ion Ratio Lower Upper

200 100

173 25.3 3.5 43.5

215 43.9 30.0 70.0



#70

Pentachlorophenol

Concen: 2.486 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

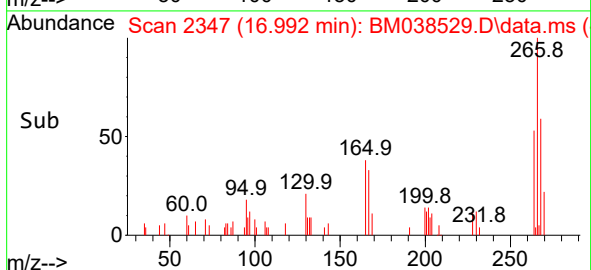
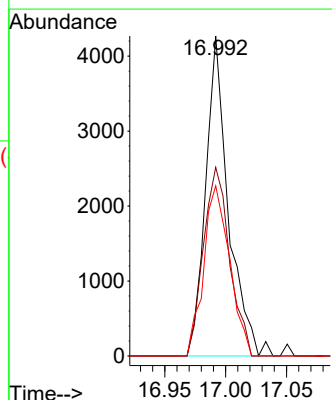
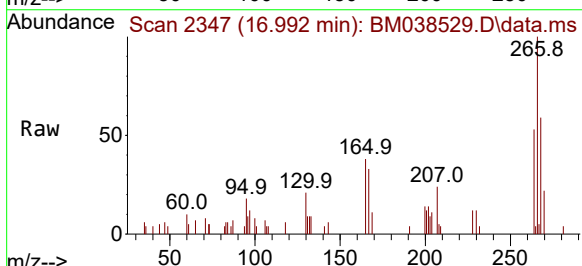
Tgt Ion:266 Resp: 5545

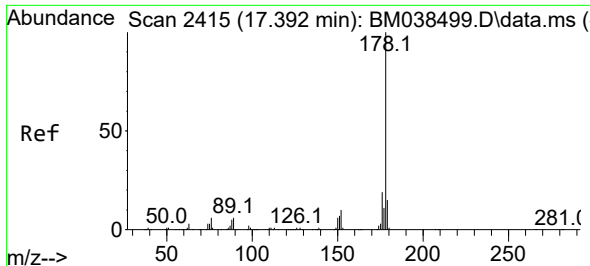
Ion Ratio Lower Upper

266 100

268 58.9 51.7 77.5

264 53.2 49.4 74.0

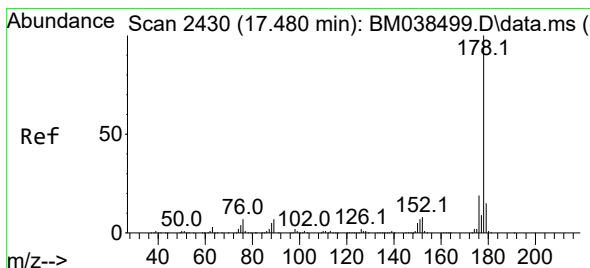
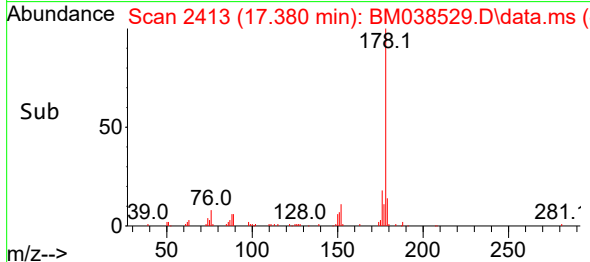
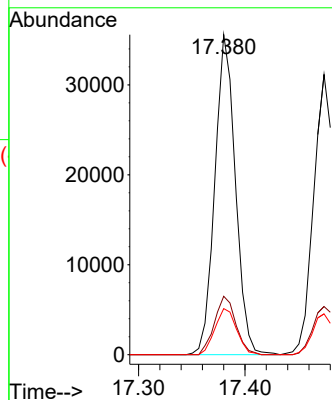
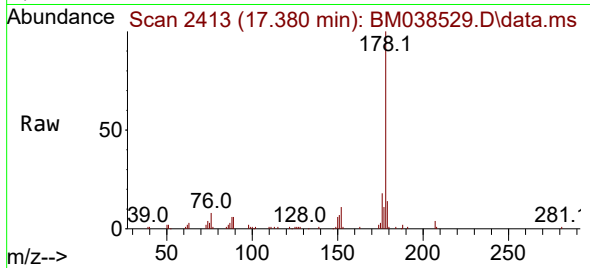




#71
Phenanthrene
Concen: 3.264 ng
RT: 17.380 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

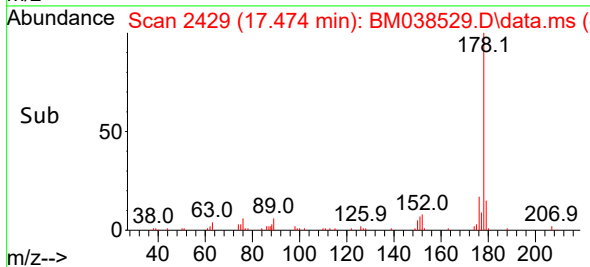
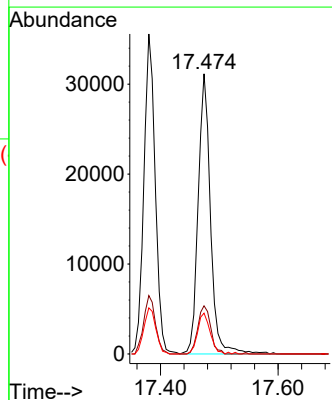
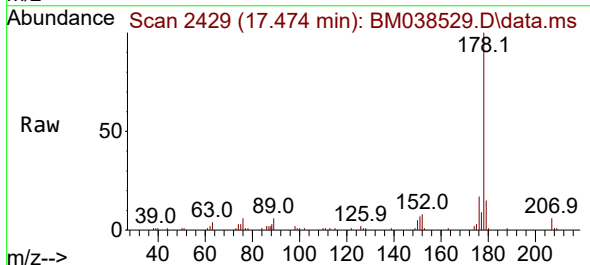
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

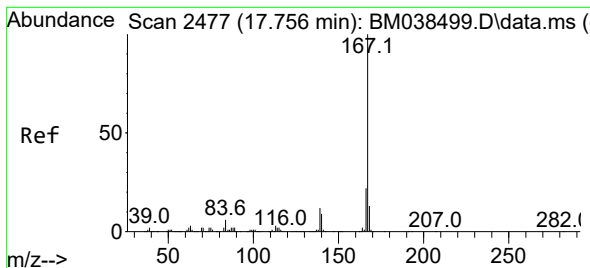
Tgt Ion:178 Resp: 47710
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.4 12.2 18.4



#72
Anthracene
Concen: 3.045 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:178 Resp: 45287
Ion Ratio Lower Upper
178 100
176 17.2 15.0 22.6
179 14.6 12.2 18.4





#73

Carbazole

Concen: 2.907 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

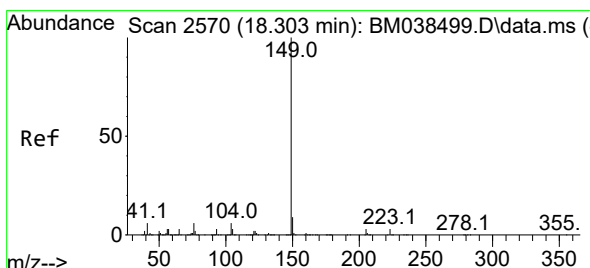
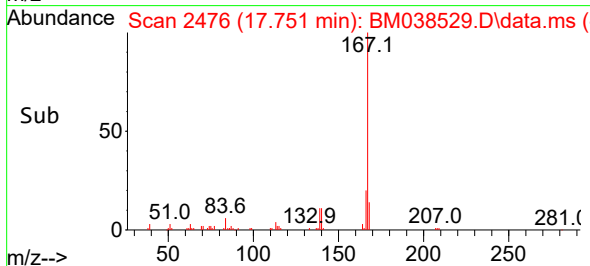
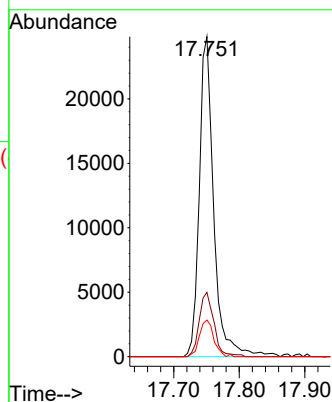
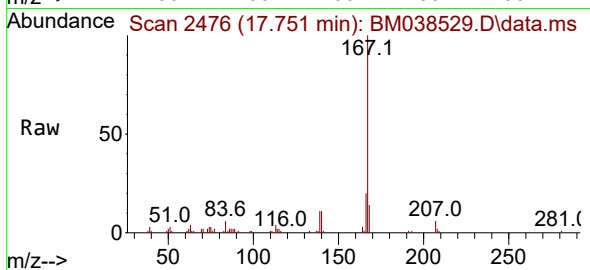
Tgt Ion:167 Resp: 38074

Ion Ratio Lower Upper

167 100

166 20.1 17.7 26.5

139 11.4 9.4 14.0



#74

Di-n-butylphthalate

Concen: 2.781 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

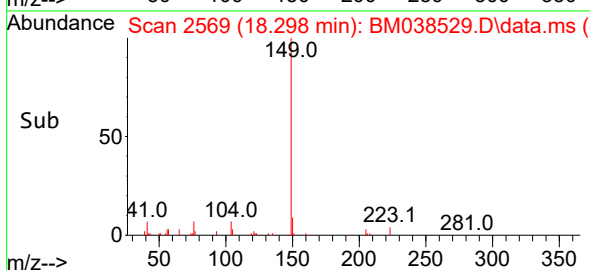
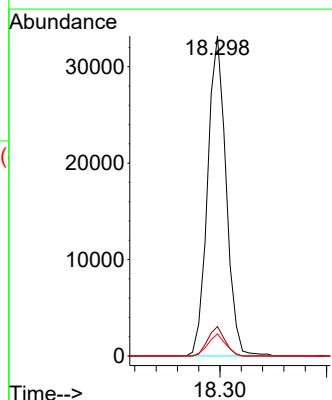
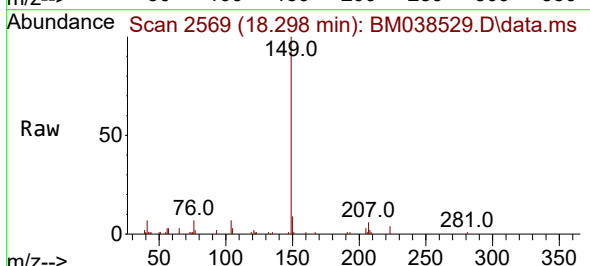
Tgt Ion:149 Resp: 40022

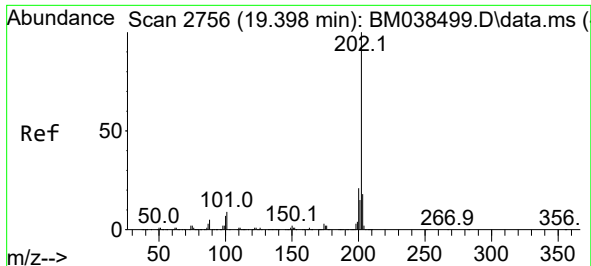
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.9 4.6 6.8#

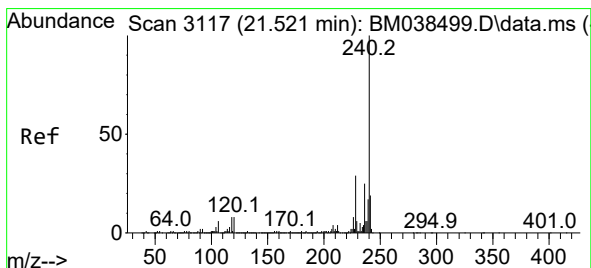
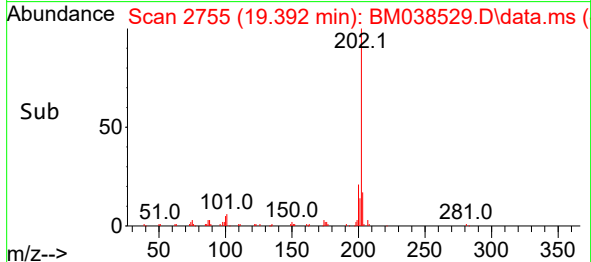
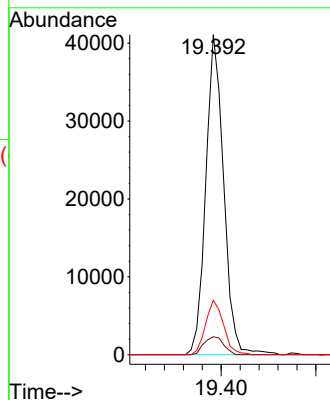
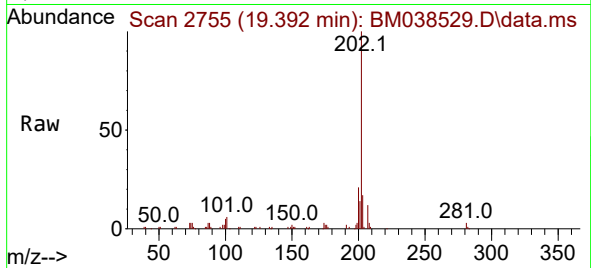




#75
Fluoranthene
Concen: 3.060 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

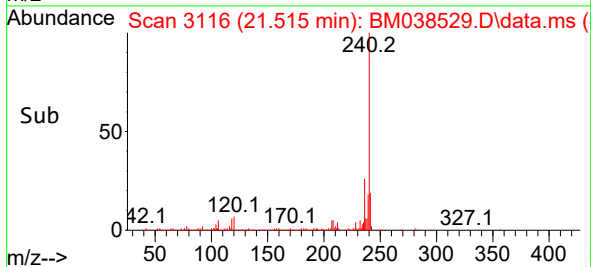
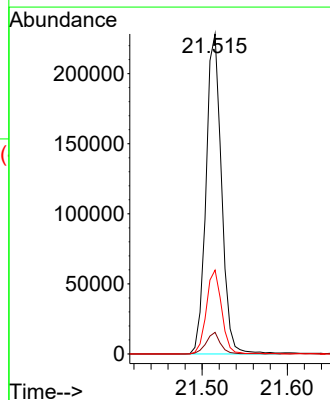
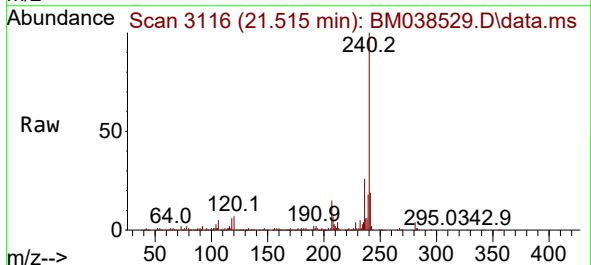
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

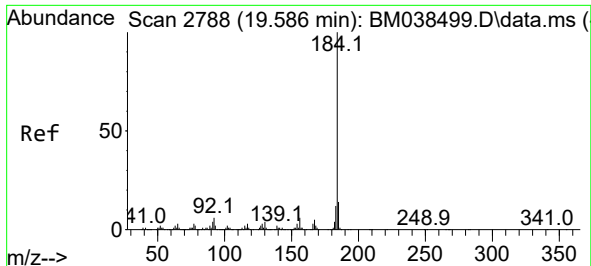
Tgt Ion:202 Resp: 53751
Ion Ratio Lower Upper
202 100
101 5.6 0.0 28.7
203 17.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:240 Resp: 287962
Ion Ratio Lower Upper
240 100
120 6.7 6.2 9.2
236 26.2 20.2 30.2

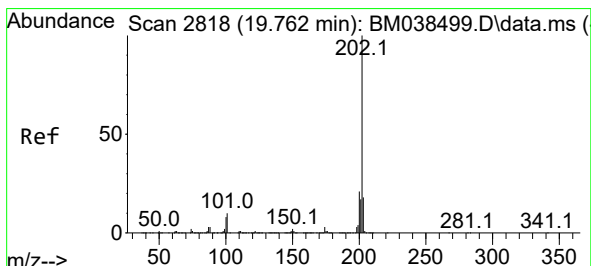
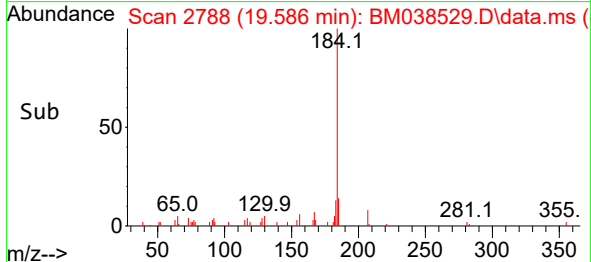
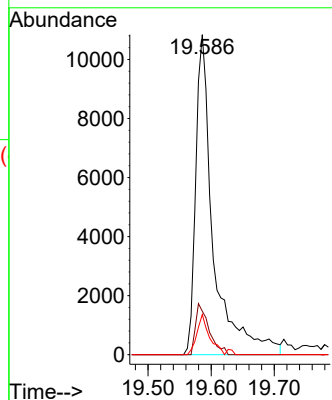
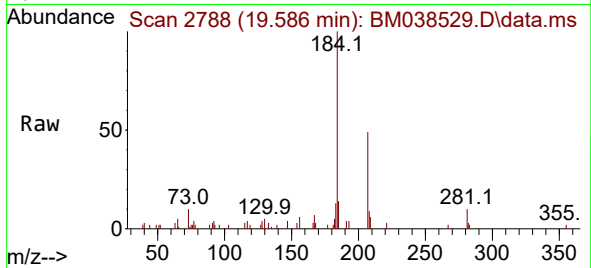




#77
Benzidine
Concen: 3.220 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

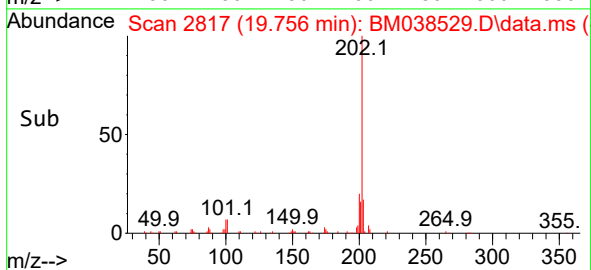
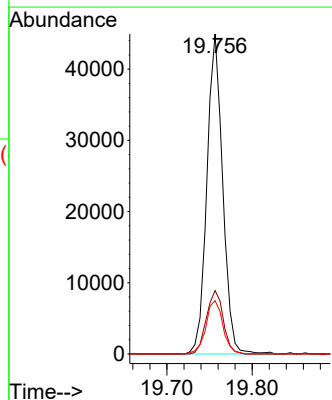
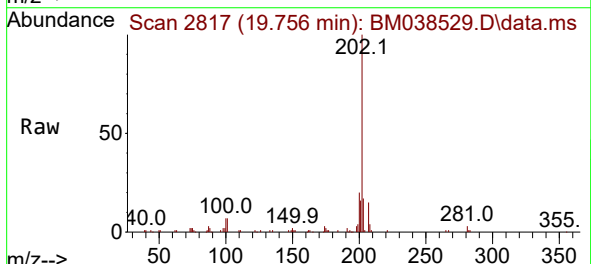
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

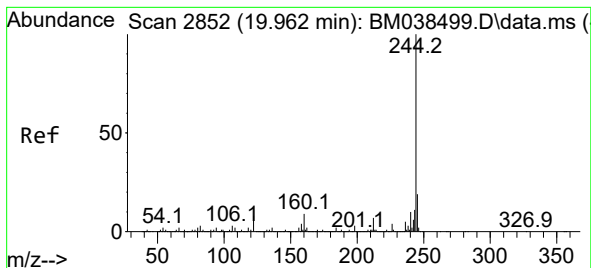
Tgt Ion:184 Resp: 21131
Ion Ratio Lower Upper
184 100
185 13.6 10.9 16.3
183 12.6 9.3 13.9



#78
Pyrene
Concen: 2.886 ng
RT: 19.756 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:202 Resp: 57875
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 16.6 14.2 21.2





#79

Terphenyl-d14

Concen: 78.590 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

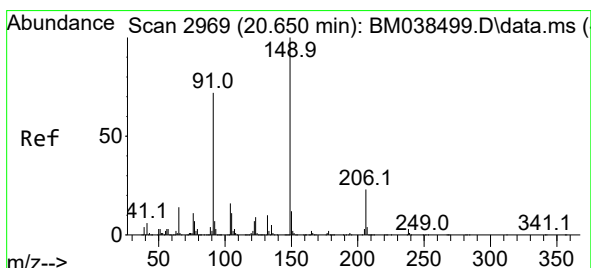
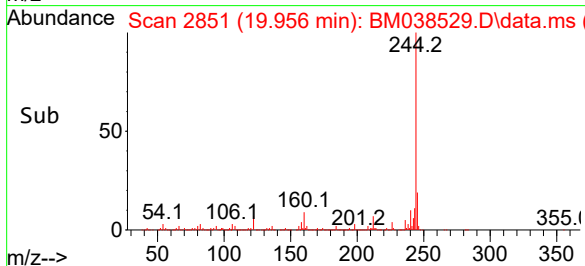
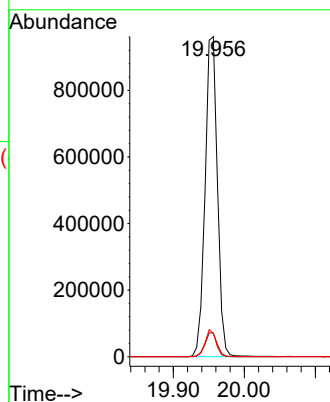
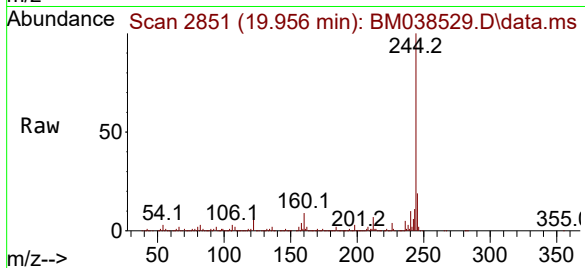
Tgt Ion:244 Resp: 1160853

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.3 6.7 10.1



#80

Butylbenzylphthalate

Concen: 2.548 ng

RT: 20.645 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

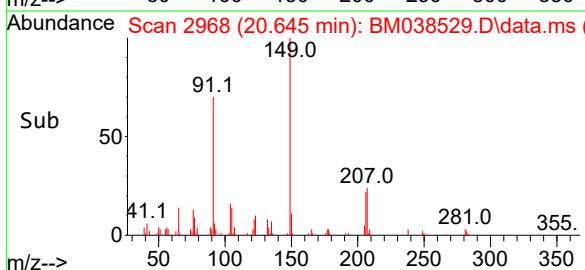
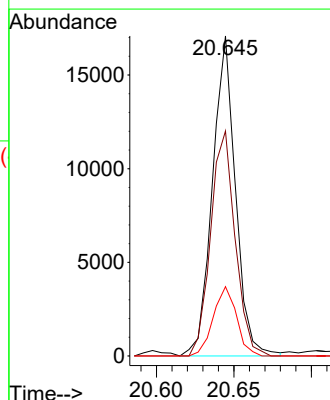
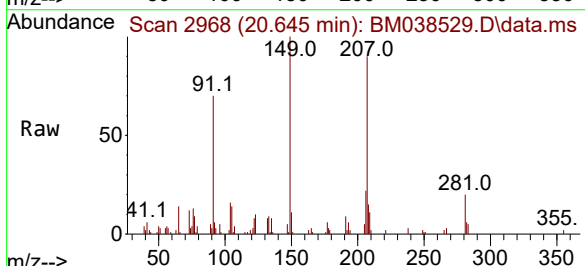
Tgt Ion:149 Resp: 17666

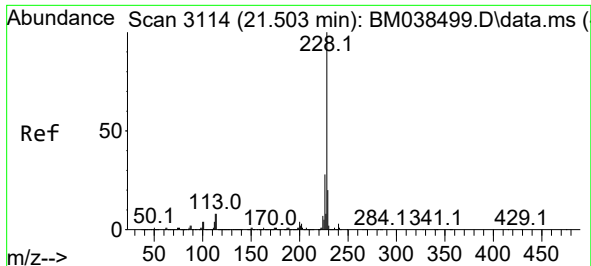
Ion Ratio Lower Upper

149 100

91 70.3 57.5 86.3

206 21.7 18.2 27.2

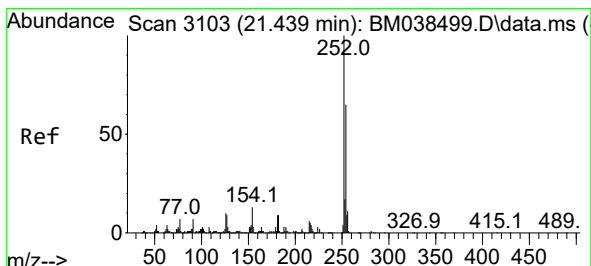
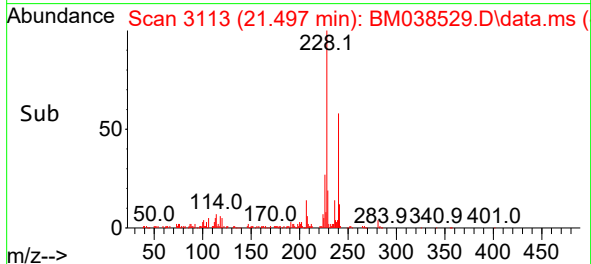
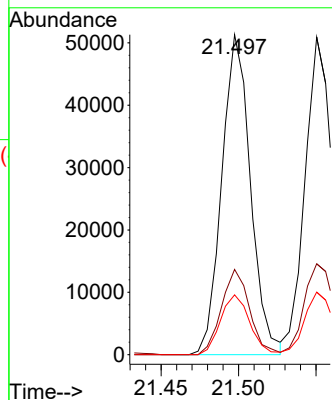
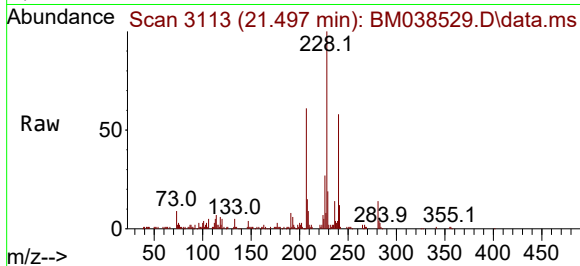




#81
Benzo(a)anthracene
Concen: 3.242 ng
RT: 21.497 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

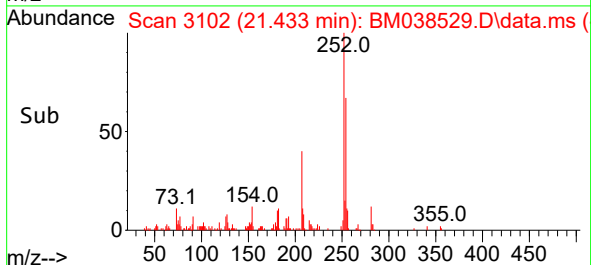
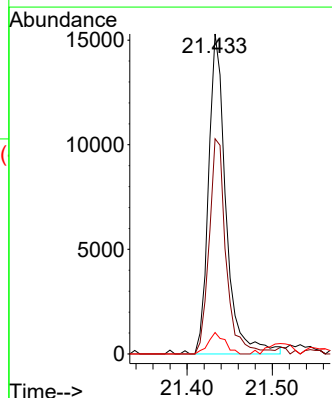
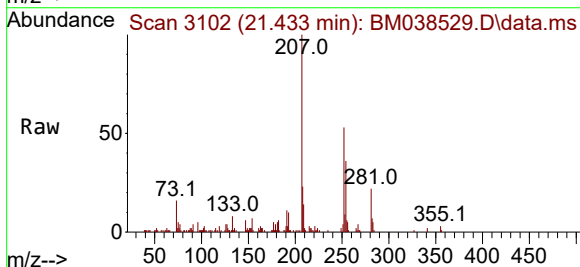
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

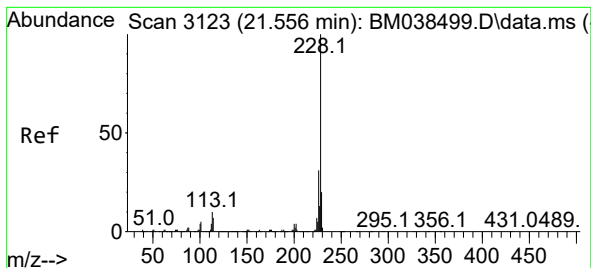
Tgt Ion:228 Resp: 66148
Ion Ratio Lower Upper
228 100
226 26.6 22.2 33.2
229 18.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 3.317 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:252 Resp: 21743
Ion Ratio Lower Upper
252 100
254 67.2 51.9 77.9
126 6.7 7.7 11.5#





#83

Chrysene

Concen: 3.274 ng

RT: 21.550 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

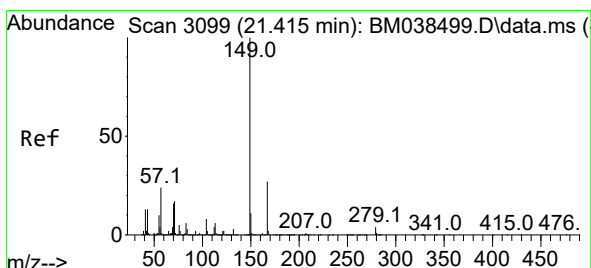
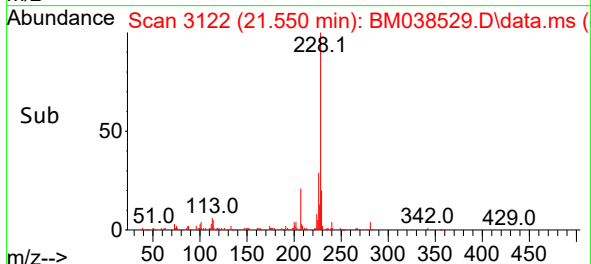
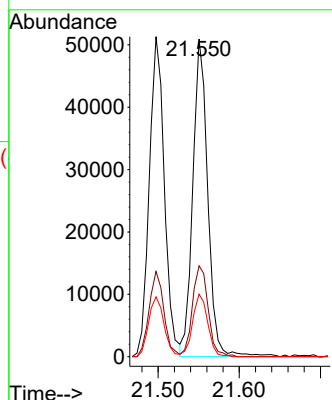
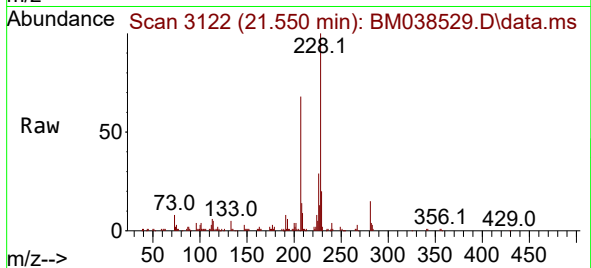
Tgt Ion:228 Resp: 65336

Ion Ratio Lower Upper

228 100

226 28.6 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.494 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

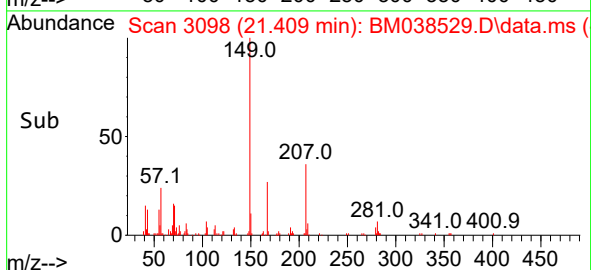
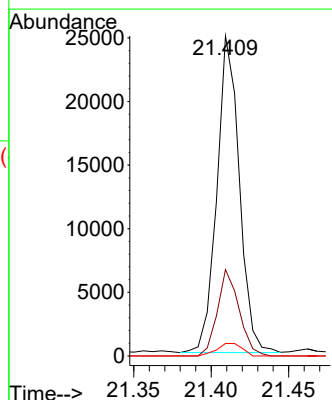
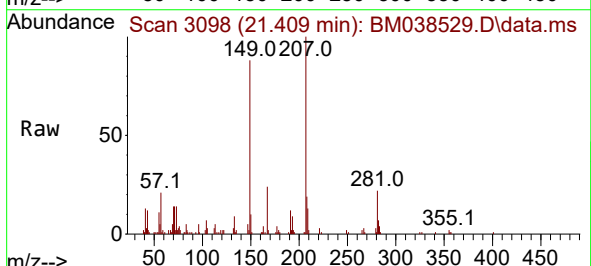
Tgt Ion:149 Resp: 25064

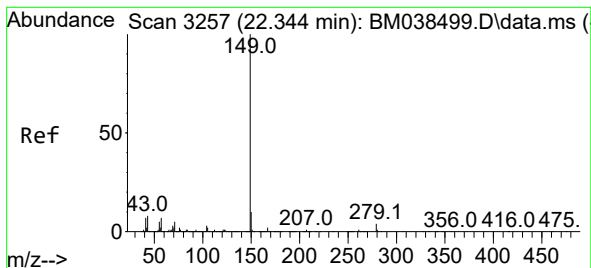
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.595 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

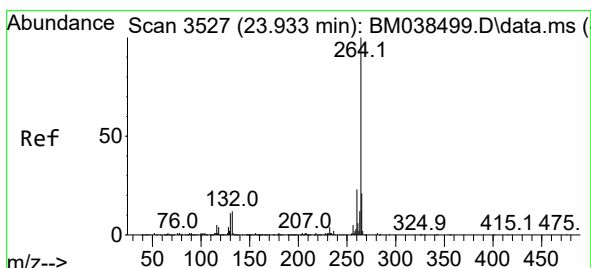
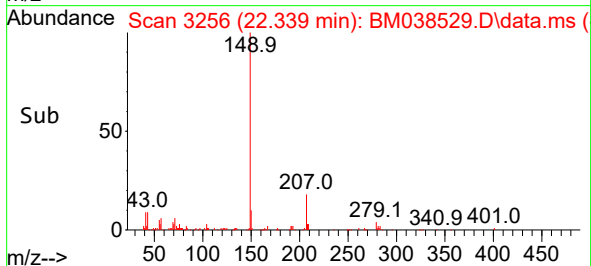
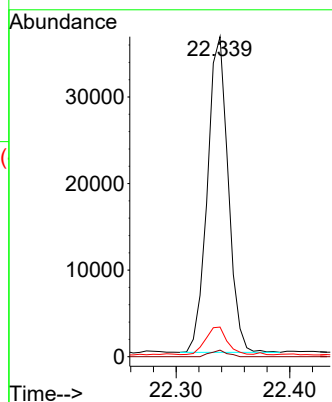
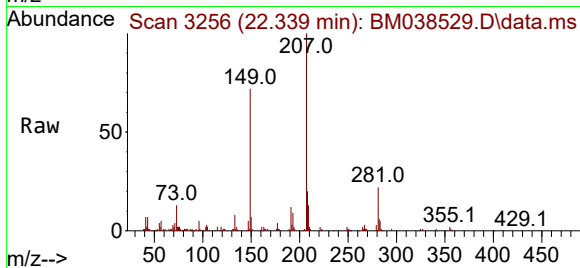
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:149	Resp:	46364
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.3 1.9
43	9.3	6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

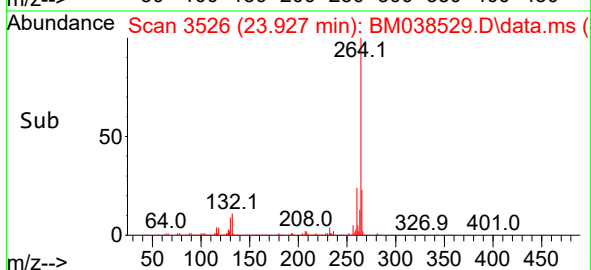
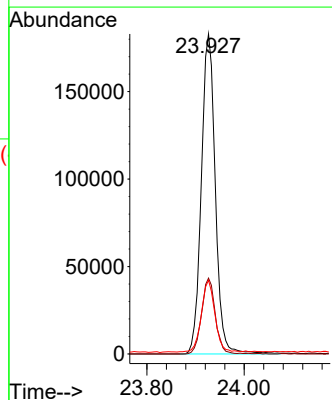
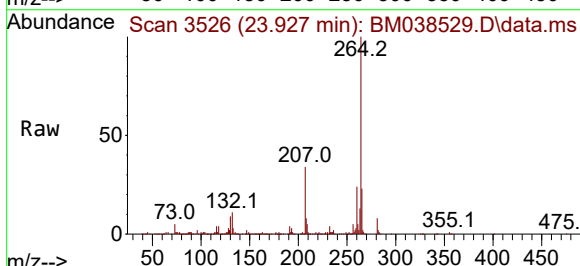
RT: 23.927 min Scan# 3526

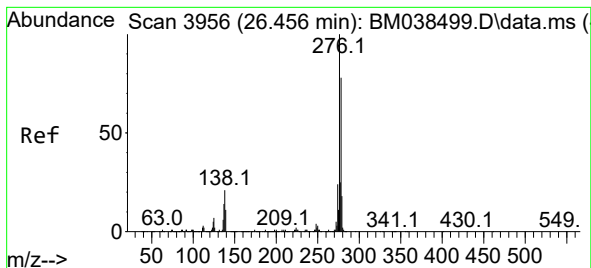
Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion:264	Resp:	366083
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.5 27.7
265	23.1	17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.143 ng

RT: 26.432 min Scan# 3952

Delta R.T. -0.023 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

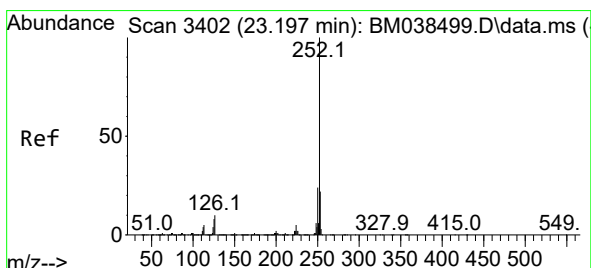
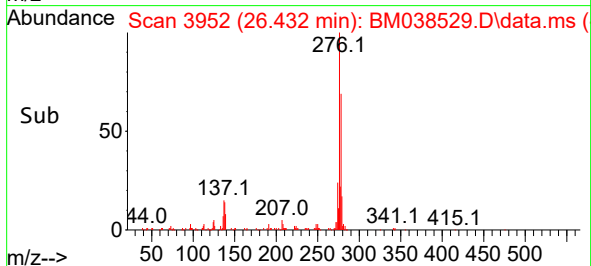
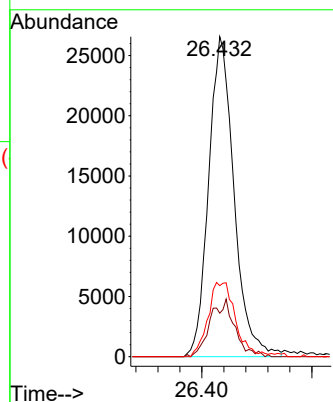
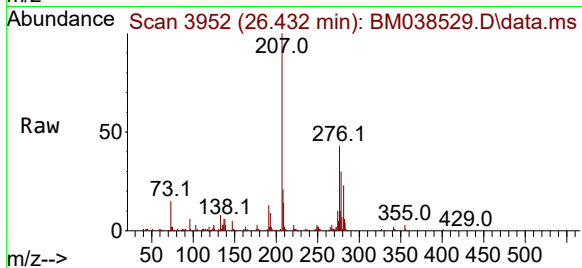
Tgt Ion:276 Resp: 85144

Ion Ratio Lower Upper

276 100

138 8.1 15.8 23.8#

277 24.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 3.332 ng

RT: 23.186 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

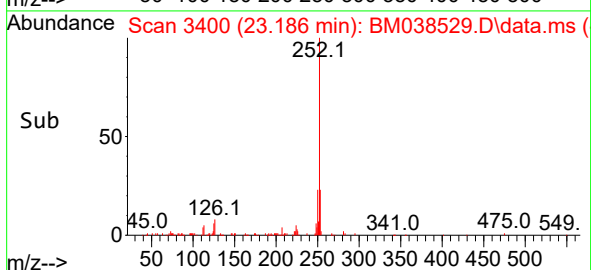
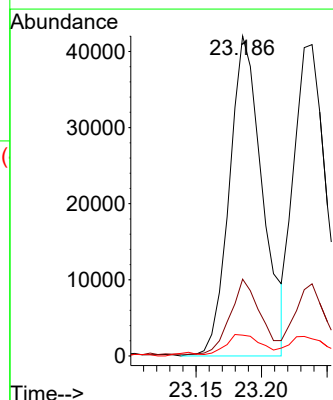
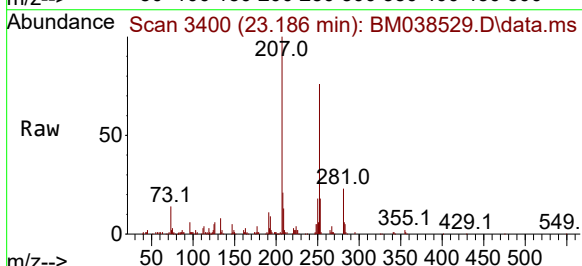
Tgt Ion:252 Resp: 73587

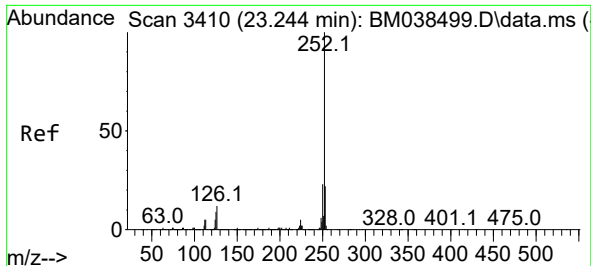
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

125 6.5 6.4 9.6

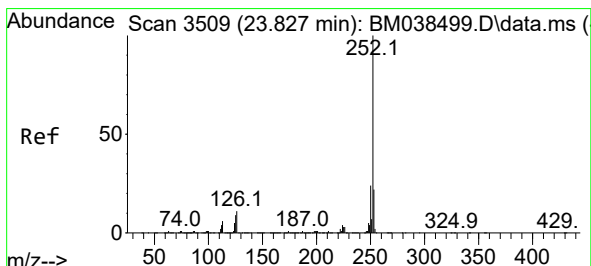
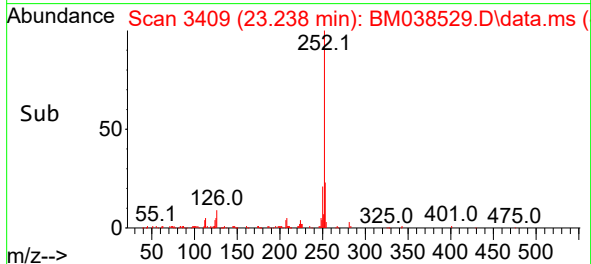
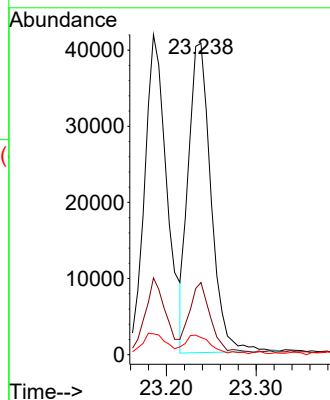
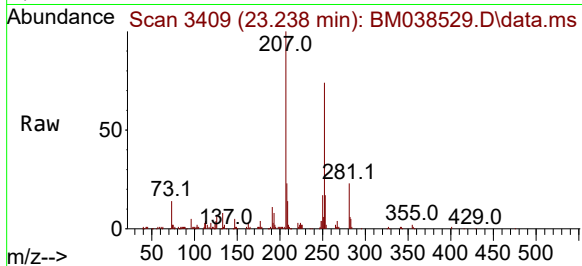




#89
Benzo(k)fluoranthene
Concen: 3.109 ng
RT: 23.238 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

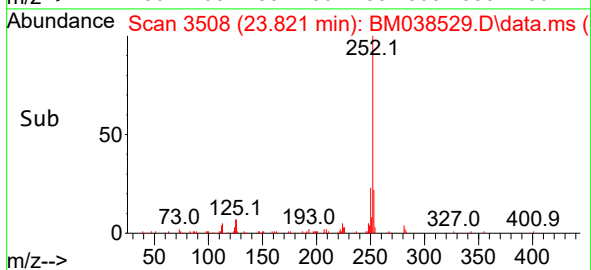
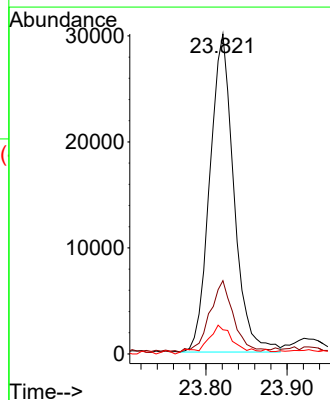
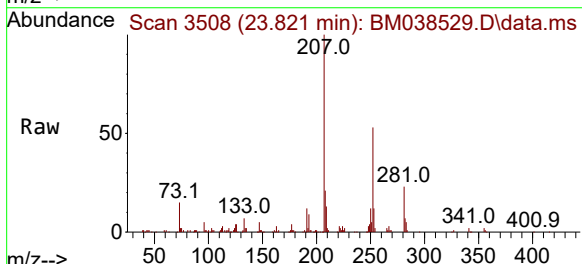
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

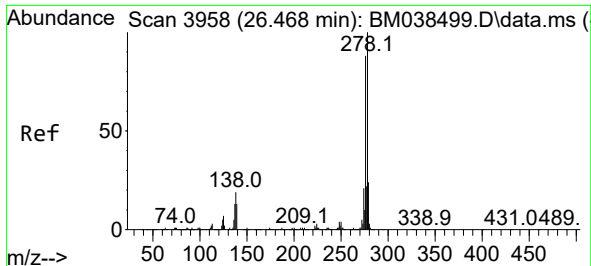
Tgt Ion:252 Resp: 71053
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 5.5 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 2.829 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:252 Resp: 61946
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 7.5 7.3 10.9

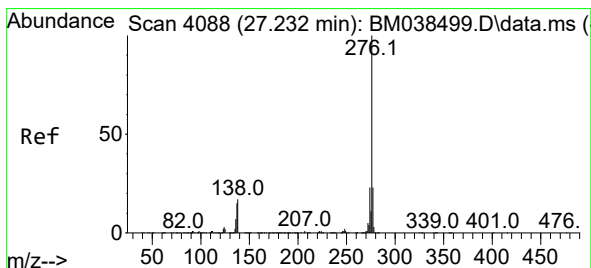
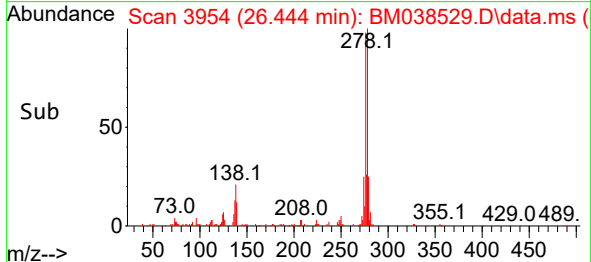
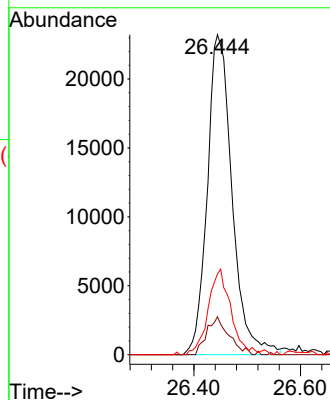
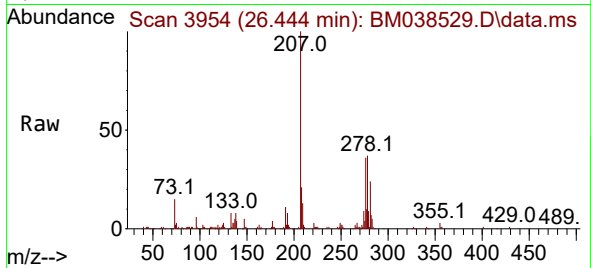




#91
Dibenzo(a,h)anthracene
Concen: 3.324 ng
RT: 26.444 min Scan# 3954
Delta R.T. -0.023 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:278 Resp: 74954
Ion Ratio Lower Upper
278 100
139 11.9 10.3 15.5
279 25.3 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 3.377 ng
RT: 27.215 min Scan# 4085
Delta R.T. -0.018 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:276 Resp: 77989
Ion Ratio Lower Upper
276 100
277 21.6 18.8 28.2
138 15.4 13.8 20.8

