

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072022\
 Data File : BM035878.D
 Acq On : 20 Jul 2022 13:08
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 20 14:07:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	317022	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1311846	20.000	ng	-0.01
39) Acenaphthene-d10	14.527	164	769406	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1437497	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1139223	20.000	ng	0.00
86) Perylene-d12	23.827	264	1059076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2453893	120.000	ng	0.00
7) Phenol-d6	7.057	99	3305410	128.543	ng	0.00
23) Nitrobenzene-d5	9.063	82	2275194	92.759	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1045716	121.507	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	5037599	92.548	ng	0.00
79) Terphenyl-d14	19.892	244	5642939	96.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	64563	7.638	ng	94
3) Pyridine	3.728	79	164527	7.324	ng	88
4) n-Nitrosodimethylamine	3.640	42	76499	8.149	ng	# 66
6) Aniline	7.222	93	257210	9.108	ng	96
8) 2-Chlorophenol	7.451	128	169347	8.014	ng	98
9) Benzaldehyde	7.028	77	154967	10.727	ng	98
10) Phenol	7.087	94	210426	8.125	ng	92
11) bis(2-Chloroethyl)ether	7.322	93	171945	8.229	ng	96
12) 1,3-Dichlorobenzene	7.781	146	184977	7.848	ng	98
13) 1,4-Dichlorobenzene	7.928	146	191006	7.959	ng	97
14) 1,2-Dichlorobenzene	8.246	146	183126	7.890	ng	97
15) Benzyl Alcohol	8.134	79	129351	7.634	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.428	45	228920	8.415	ng	97
17) 2-Methylphenol	8.340	107	134598	8.006	ng	95
18) Hexachloroethane	8.975	117	67365	7.803	ng	94
19) n-Nitroso-di-n-propyla...	8.704	70	125590	8.424	ng	88
20) 3+4-Methylphenols	8.669	107	174162	7.664	ng	97
22) Acetophenone	8.722	105	261430	8.064	ng	# 93
24) Nitrobenzene	9.098	77	199778	8.672	ng	99
25) Isophorone	9.628	82	337447	8.794	ng	# 97
26) 2-Nitrophenol	9.810	139	69376	6.685	ng	96
27) 2,4-Dimethylphenol	9.875	122	147565	9.014	ng	96
28) bis(2-Chloroethoxy)met...	10.116	93	220453	8.255	ng	99
29) 2,4-Dichlorophenol	10.345	162	133362	7.348	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	162067	7.737	ng	99
31) Naphthalene	10.751	128	556433	8.348	ng	99
32) Benzoic acid	9.940	122	49440	3.993	ng	88
33) 4-Chloroaniline	10.863	127	226175	8.482	ng	96
34) Hexachlorobutadiene	11.034	225	91099	7.578	ng	99
35) Caprolactam	11.622	113	36340	6.547	ng	94
36) 4-Chloro-3-methylphenol	11.981	107	141093	7.581	ng	99
37) 2-Methylnaphthalene	12.357	142	361728	8.342	ng	97
38) 1-Methylnaphthalene	12.581	142	351352	8.325	ng	100
40) 1,2,4,5-Tetrachloroben...	12.722	216	169320	7.703	ng	99
41) Hexachlorocyclopentadiene	12.704	237	96970	8.184	ng	98
43) 2,4,6-Trichlorophenol	12.963	196	98008	6.745	ng	98

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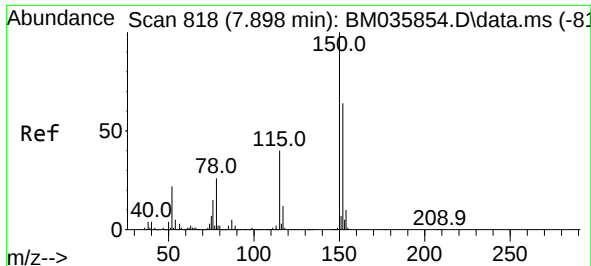
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	105541	6.889	ng	98
46) 1,1'-Biphenyl	13.369	154	474818	8.112	ng	99
47) 2-Chloronaphthalene	13.410	162	351620	7.816	ng	98
48) 2-Nitroaniline	13.616	65	83874	6.766	ng	95
49) Acenaphthylene	14.251	152	578480	8.351	ng	99
50) Dimethylphthalate	13.992	163	389932	7.700	ng	98
51) 2,6-Dinitrotoluene	14.110	165	78405	7.404	ng	95
52) Acenaphthene	14.592	154	328497	7.916	ng	98
53) 3-Nitroaniline	14.433	138	87339	6.850	ng	100
54) 2,4-Dinitrophenol	14.639	184	25094	4.809	ng	93
55) Dibenzofuran	14.927	168	524786	7.894	ng	97
56) 4-Nitrophenol	14.733	139	60216	6.019	ng	90
57) 2,4-Dinitrotoluene	14.892	165	91624	6.611	ng	97
58) Fluorene	15.574	166	412131	7.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	81498	6.618	ng	98
60) Diethylphthalate	15.351	149	375086	7.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.569	204	196006	7.717	ng	98
62) 4-Nitroaniline	15.592	138	82853	6.346	ng	92
63) Azobenzene	15.863	77	391265	7.593	ng	92
65) 4,6-Dinitro-2-methylph...	15.645	198	35405	4.905	ng	94
66) n-Nitrosodiphenylamine	15.786	169	332171	7.869	ng	99
67) 4-Bromophenyl-phenylether	16.463	248	107090	7.411	ng	98
68) Hexachlorobenzene	16.569	284	130990	7.809	ng	94
69) Atrazine	16.733	200	92129	8.306	ng	97
70) Pentachlorophenol	16.916	266	57049	6.129	ng	98
71) Phenanthrene	17.310	178	601303	7.952	ng	99
72) Anthracene	17.398	178	583804	7.942	ng	100
73) Carbazole	17.668	167	536634	7.197	ng	97
74) Di-n-butylphthalate	18.245	149	495426	6.526	ng	100
75) Fluoranthene	19.321	202	583808	7.103	ng	98
77) Benzidine	19.515	184	231503	11.574	ng	99
78) Pyrene	19.686	202	615447	8.262	ng	99
80) Butylbenzylphthalate	20.592	149	157327	5.917	ng	97
81) Benzo(a)anthracene	21.433	228	544053	7.544	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	160962	9.529	ng	98
83) Chrysene	21.480	228	524541	7.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	222318	5.932	ng	99
85) Di-n-octyl phthalate	22.292	149	327074	5.501	ng	99
87) Indeno(1,2,3-cd)pyrene	26.291	276	538589	6.960	ng	97
88) Benzo(b)fluoranthene	23.145	252	511809	8.119	ng	98
89) Benzo(k)fluoranthene	23.145	252	511809	7.845	ng	98
90) Benzo(a)pyrene	23.715	252	467679	8.716	ng	98
91) Dibenzo(a,h)anthracene	26.309	278	477300	7.423	ng	98
92) Benzo(g,h,i)perylene	27.044	276	476863	7.520	ng	99

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

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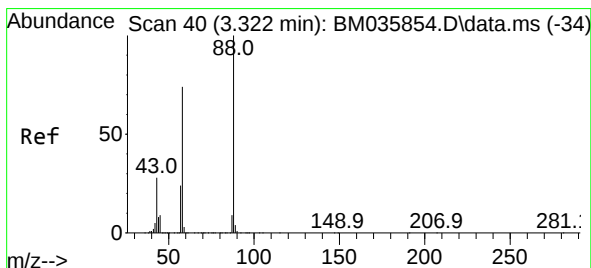
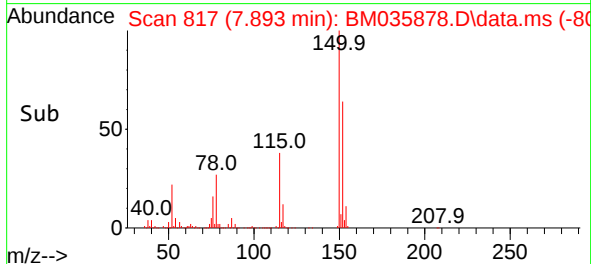
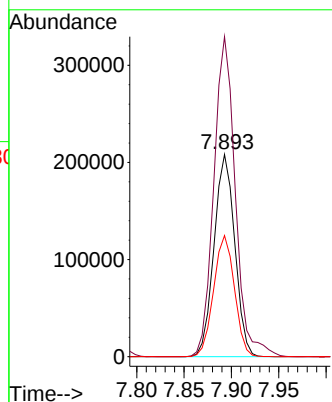
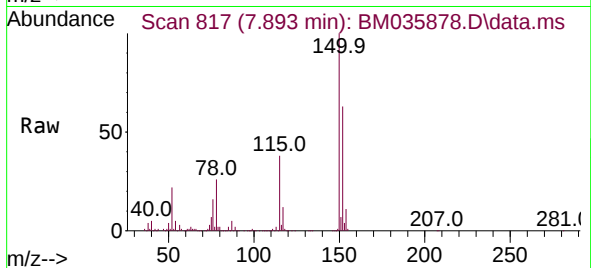
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

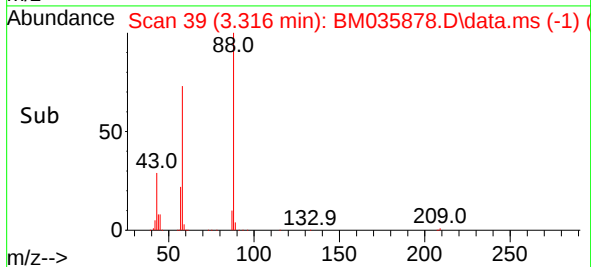
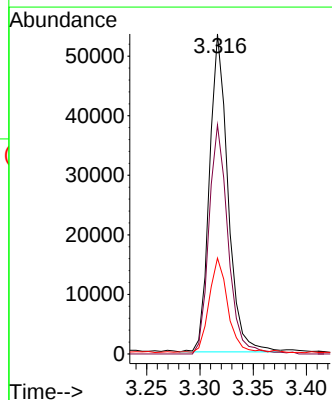
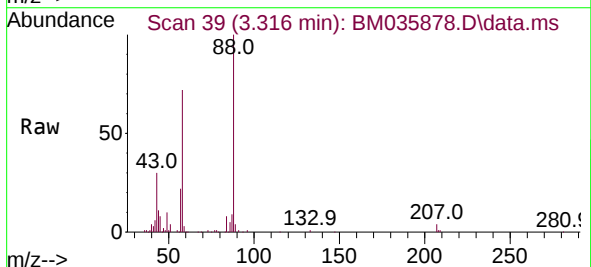
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BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

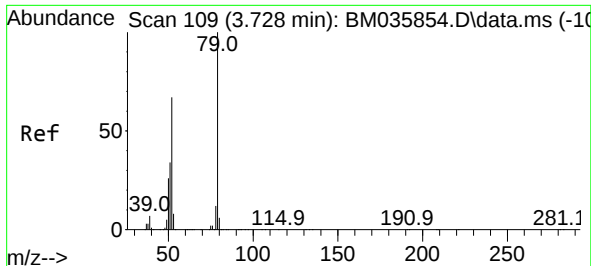
Tgt Ion:152 Resp: 317022
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 59.9 47.9 71.9



#2
1,4-Dioxane
Concen: 7.638 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 88 Resp: 64563
Ion Ratio Lower Upper
88 100
58 74.4 62.3 93.5
43 30.3 28.7 43.1

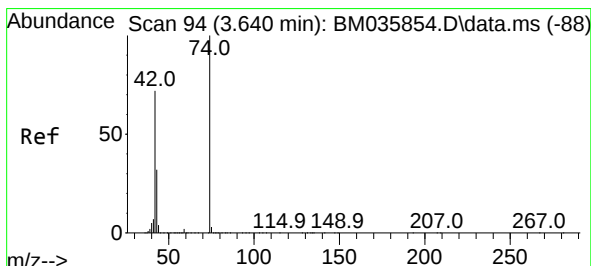
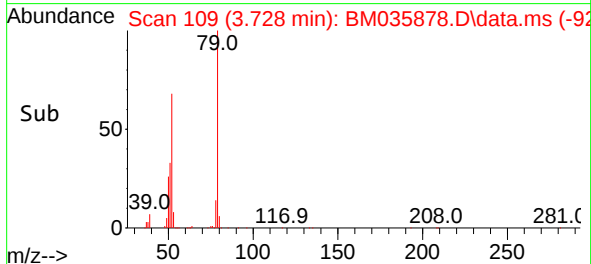
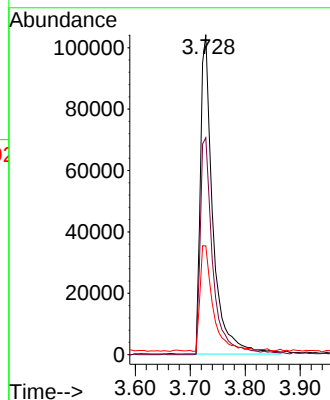
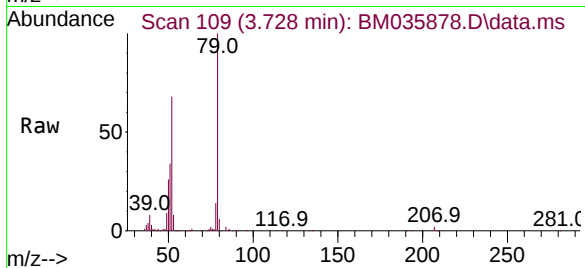




#3
Pyridine
Concen: 7.324 ng
RT: 3.728 min Scan# 109
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

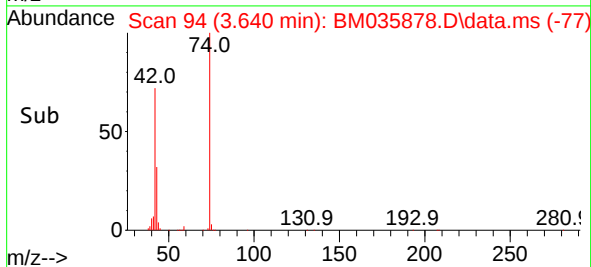
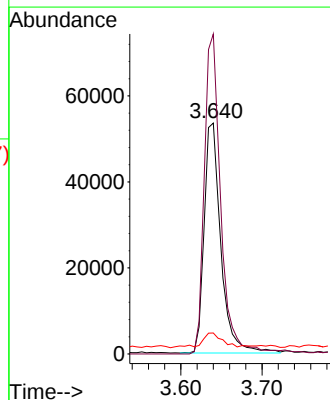
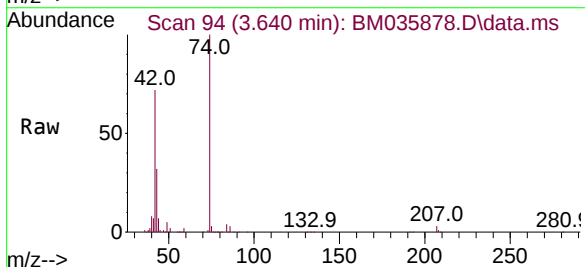
Instrument :
BNA_M
ClientSampleId :
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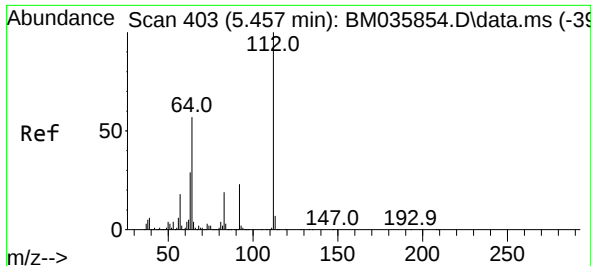
Tgt Ion: 79 Resp: 164527
Ion Ratio Lower Upper
79 100
52 67.8 61.9 92.9
51 34.0 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 8.149 ng
RT: 3.640 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 42 Resp: 76499
Ion Ratio Lower Upper
42 100
74 138.6 81.6 122.4#
44 9.1 5.2 7.8#

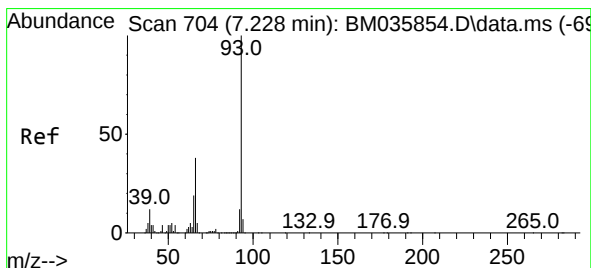
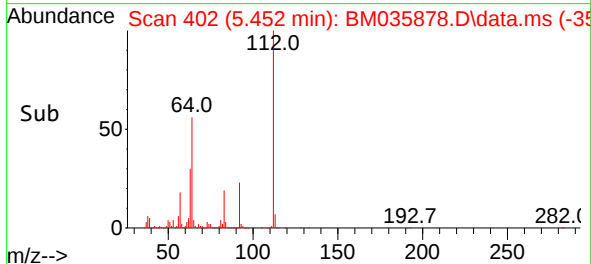
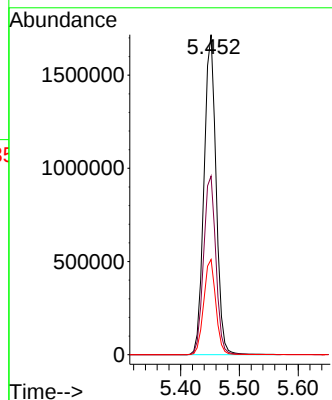
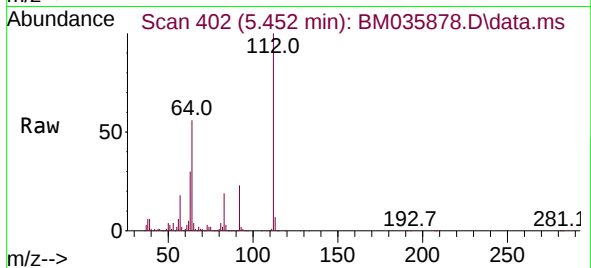




#5
2-Fluorophenol
Concen: 120.000 ng
RT: 5.452 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

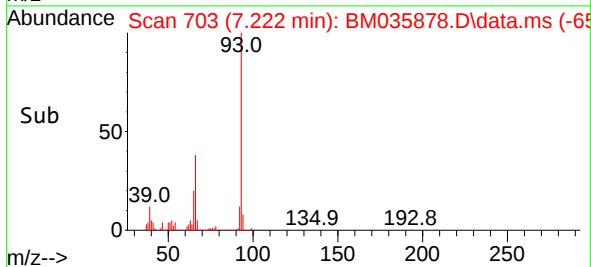
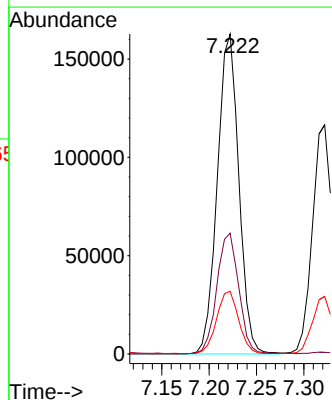
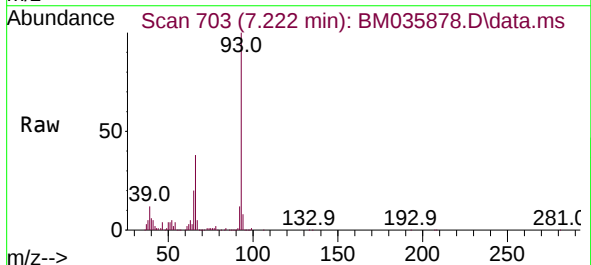
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ClientSampleId :
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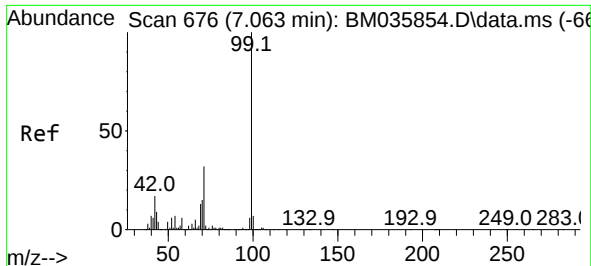
Tgt Ion:112 Resp: 2453893
Ion Ratio Lower Upper
112 100
64 55.8 47.8 71.6
63 29.7 26.6 40.0



#6
Aniline
Concen: 9.108 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 93 Resp: 257210
Ion Ratio Lower Upper
93 100
66 37.8 32.6 49.0
65 19.6 16.8 25.2

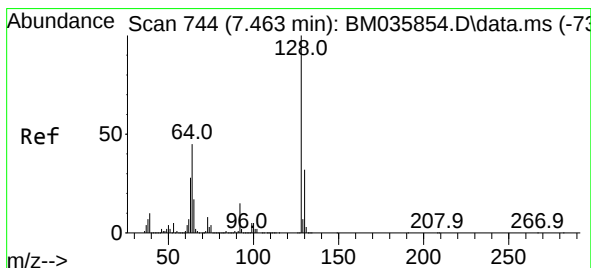
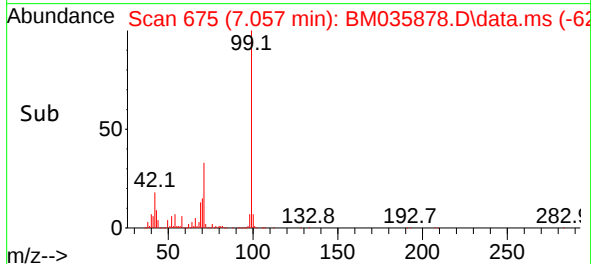
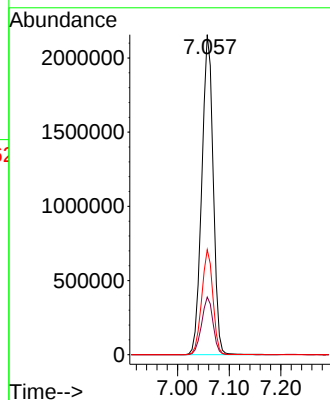
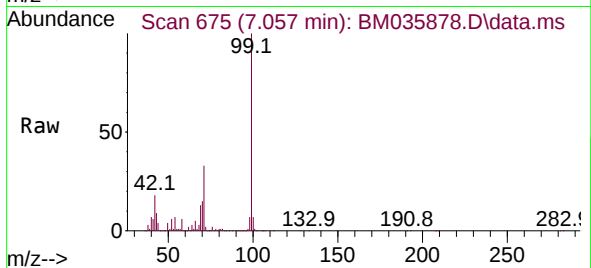




#7
Phenol-d6
Concen: 128.543 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

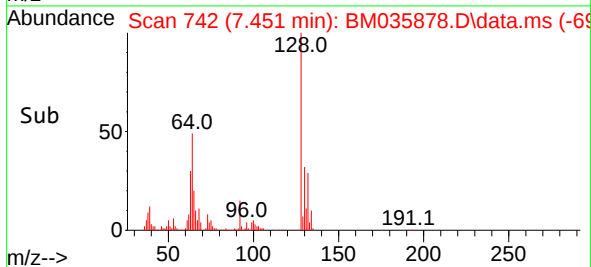
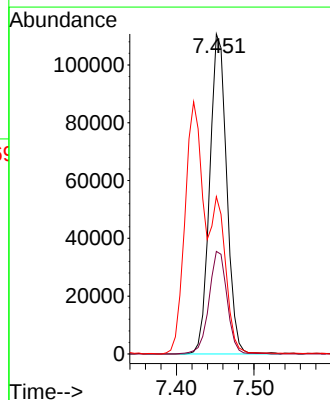
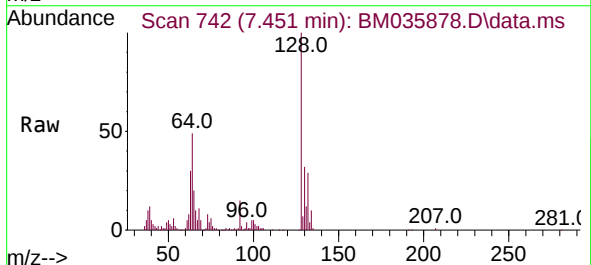
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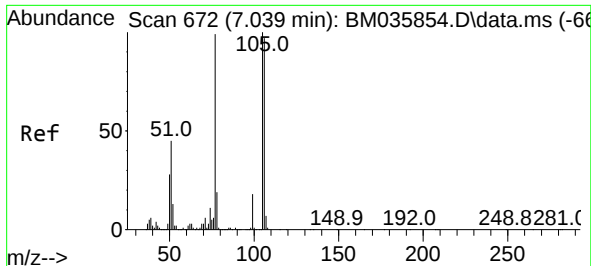
Tgt Ion: 99 Resp: 3305410
Ion Ratio Lower Upper
99 100
42 18.0 18.8 28.2#
71 32.8 30.2 45.2



#8
2-Chlorophenol
Concen: 8.014 ng
RT: 7.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 128 Resp: 169347
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 49.2 28.2 68.2

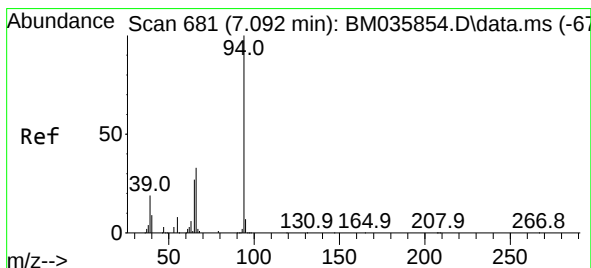
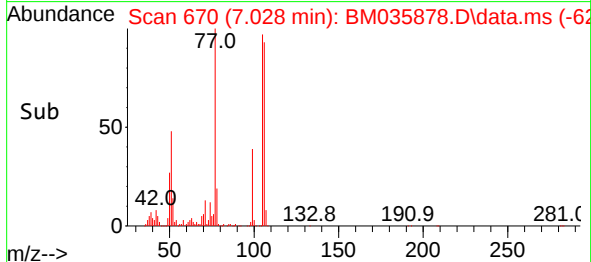
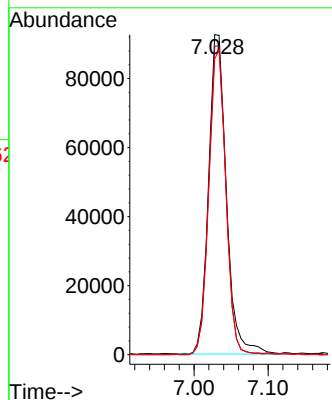
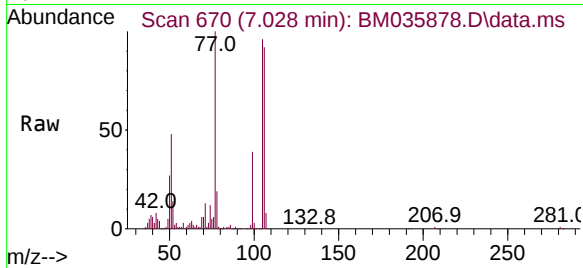




#9
Benzaldehyde
Concen: 10.727 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

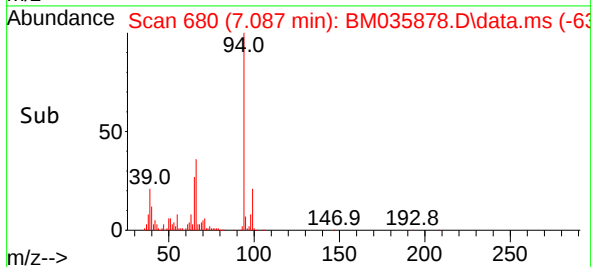
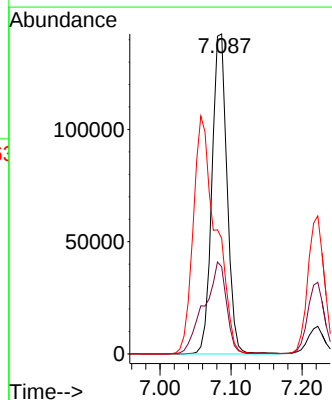
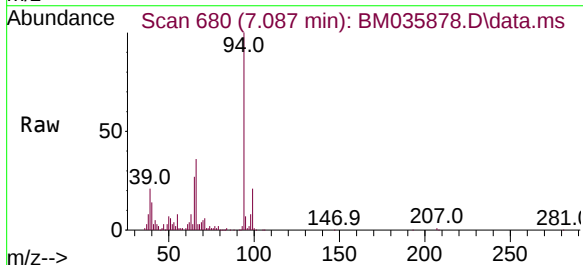
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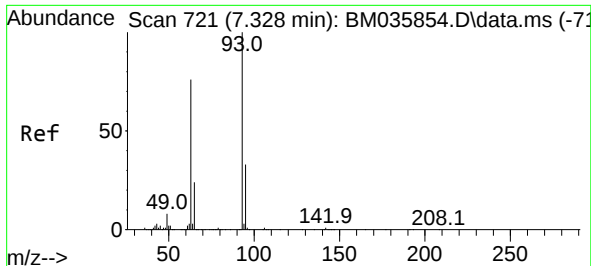
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Ion Ratio Lower Upper
77 100
105 96.4 76.3 116.3
106 92.5 69.0 109.0



#10
Phenol
Concen: 8.125 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 94 Resp: 210426
Ion Ratio Lower Upper
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65 27.3 11.4 51.4
66 36.2 21.4 61.4

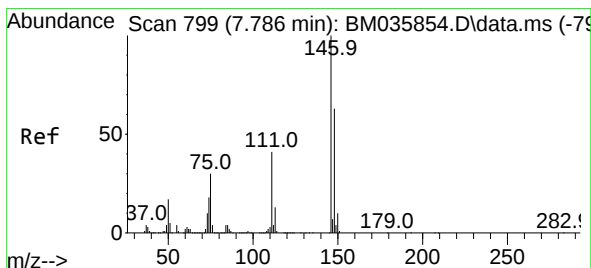
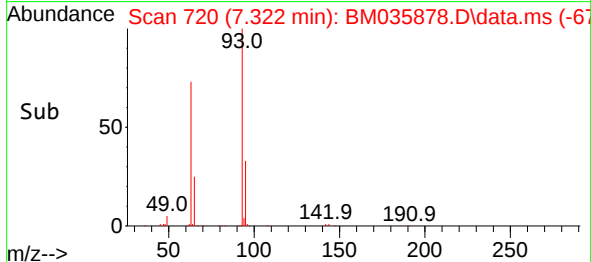
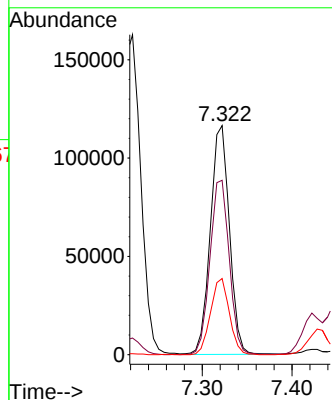
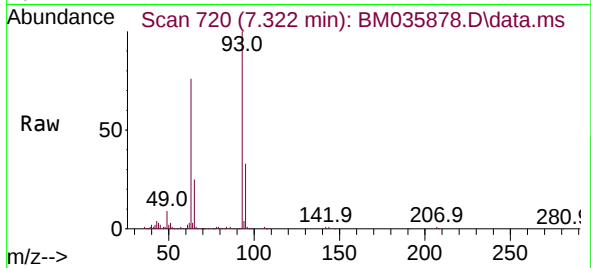




#11
bis(2-Chloroethyl)ether
Concen: 8.229 ng
RT: 7.322 min Scan# 719
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

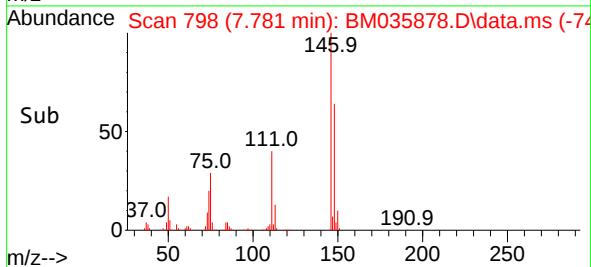
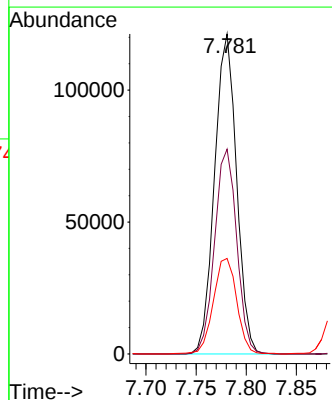
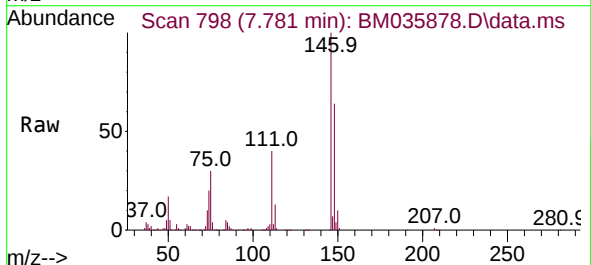
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

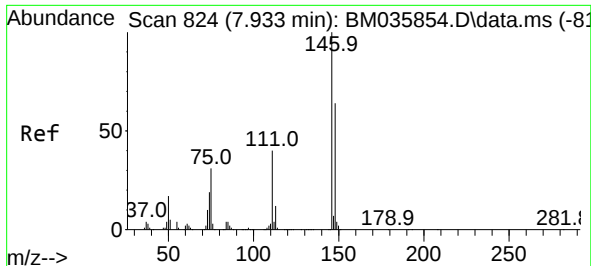
Tgt Ion: 93 Resp: 171945
Ion Ratio Lower Upper
93 100
63 76.1 60.6 100.6
95 33.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 7.848 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 146 Resp: 184977
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
75 29.9 26.1 39.1

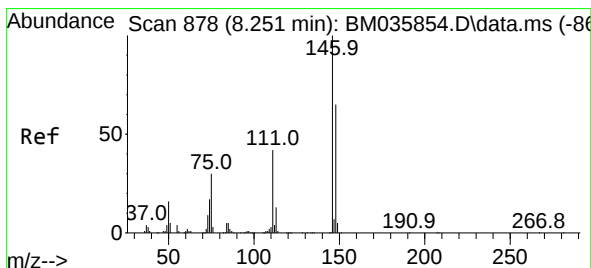
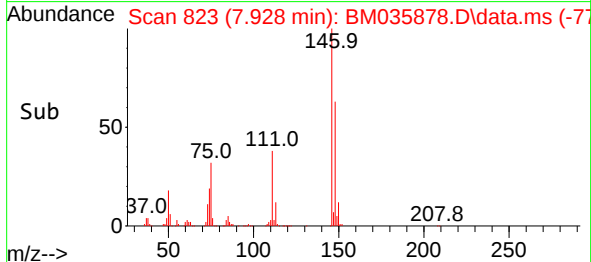
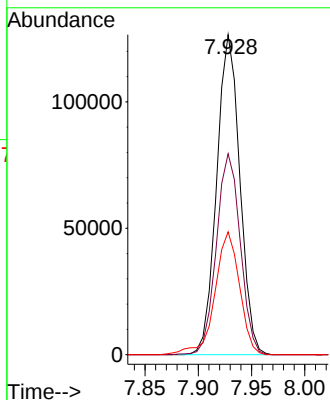
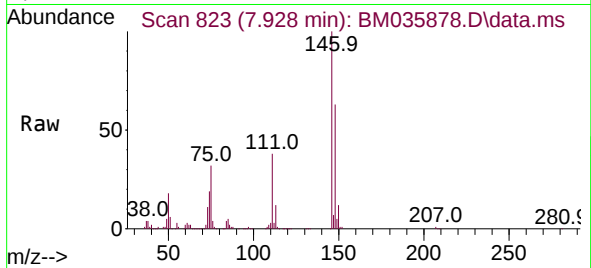




#13
1,4-Dichlorobenzene
Concen: 7.959 ng
RT: 7.928 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

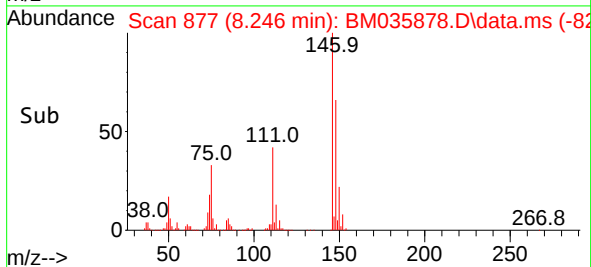
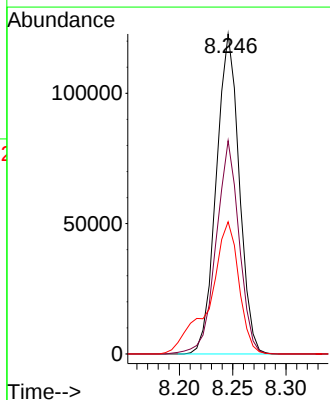
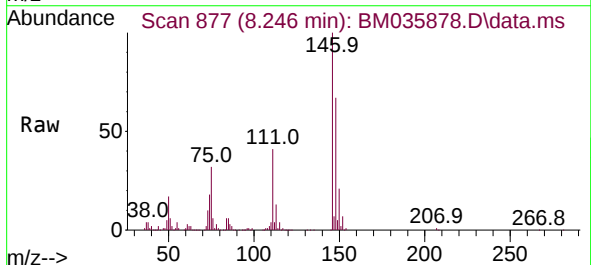
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

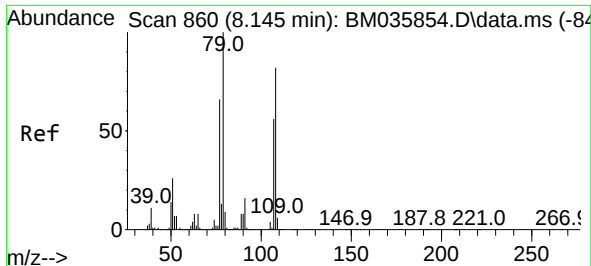
Tgt Ion:146 Resp: 191006
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 38.4 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 7.890 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:146 Resp: 183126
Ion Ratio Lower Upper
146 100
148 66.7 50.7 76.1
111 41.3 33.9 50.9

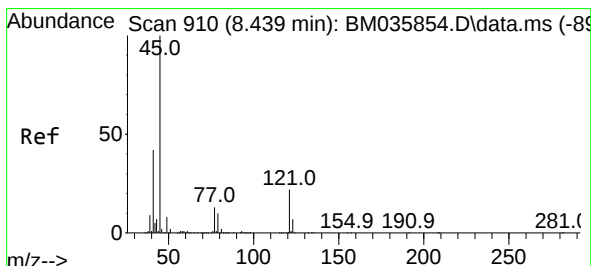
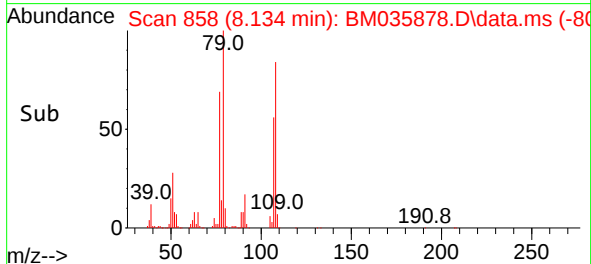
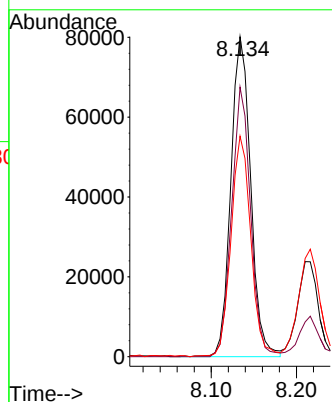
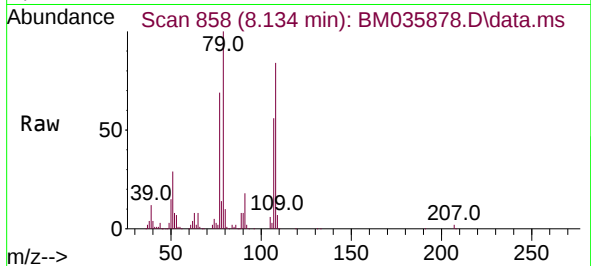




#15
Benzyl Alcohol
Concen: 7.634 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

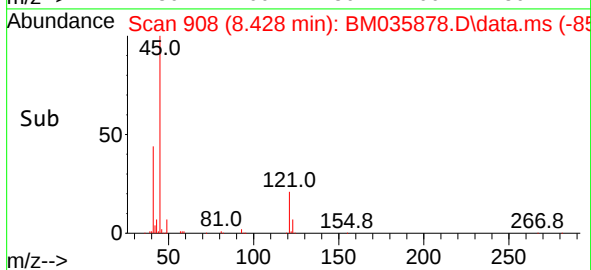
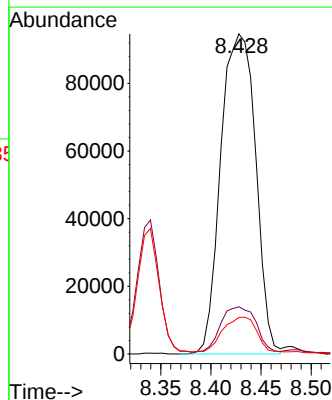
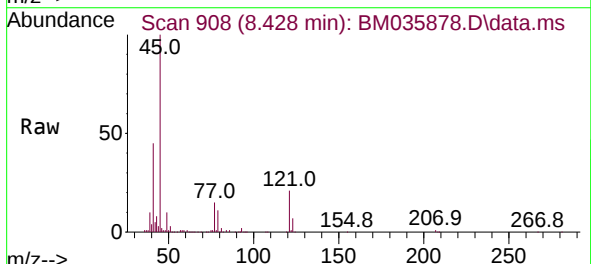
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

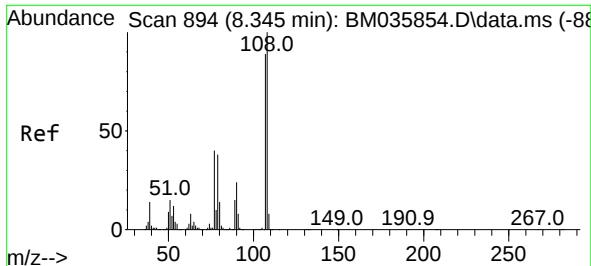
Tgt Ion: 79 Resp: 129351
Ion Ratio Lower Upper
79 100
108 84.3 59.0 88.4
77 68.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.415 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 45 Resp: 228920
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.1
79 11.4 0.0 30.5

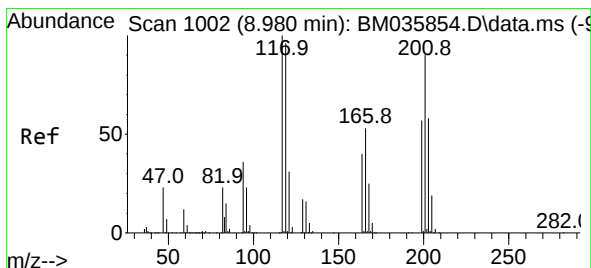
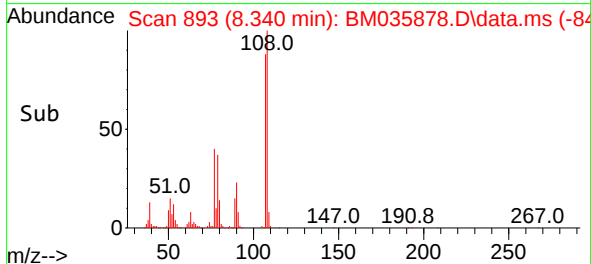
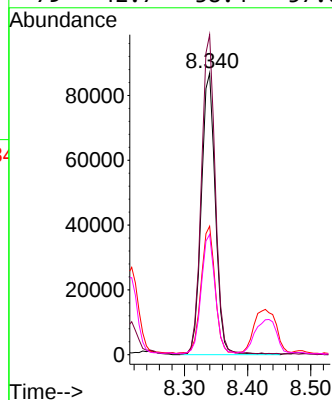
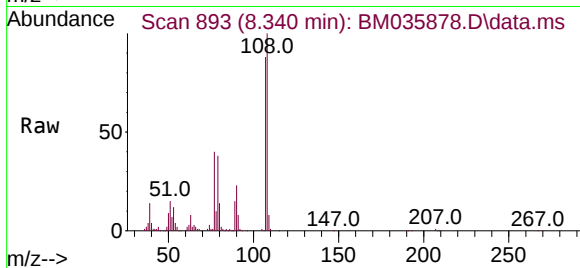




#17
2-Methylphenol
Concen: 8.006 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

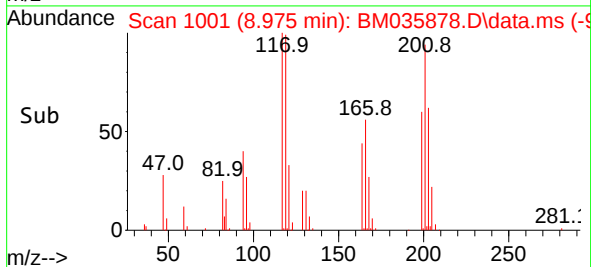
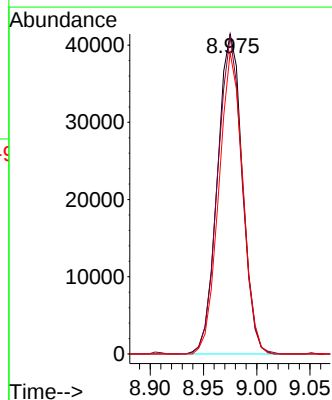
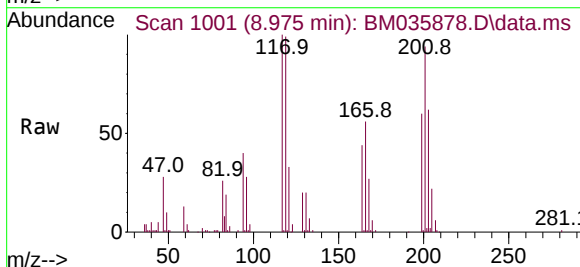
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

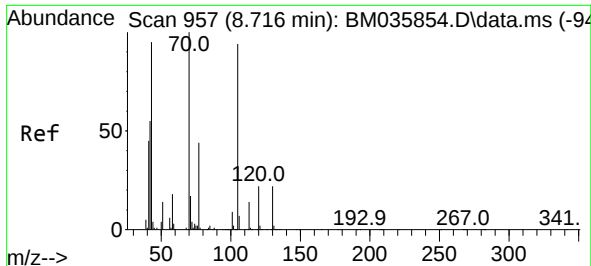
Tgt Ion:	107	Resp:	134598
Ion Ratio	Lower	Upper	
107	100		
108	113.7	88.7	133.1
77	45.7	40.6	60.8
79	42.7	38.4	57.6



#18
Hexachloroethane
Concen: 7.803 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:	117	Resp:	67365
Ion Ratio	Lower	Upper	
117	100		
119	99.2	75.8	113.6
201	94.2	81.0	121.4

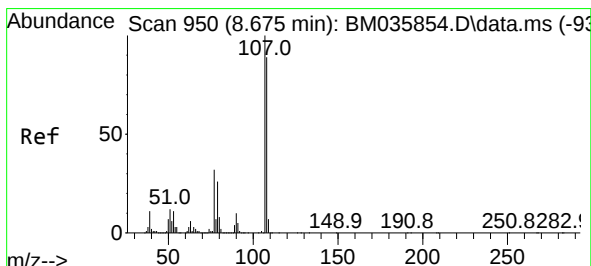
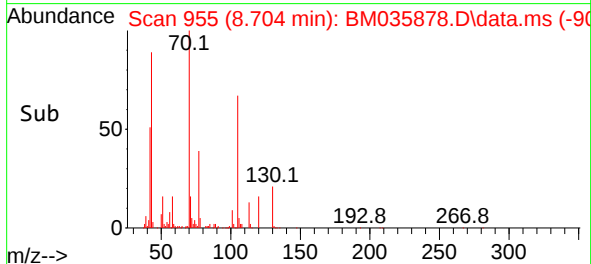
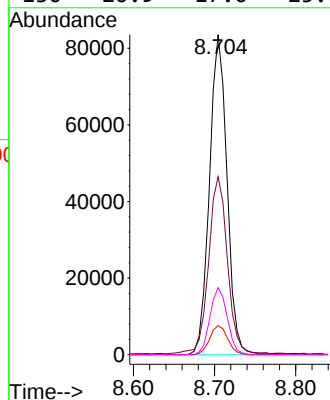
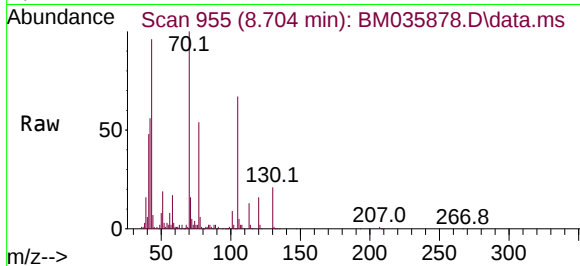




#19
n-Nitroso-di-n-propylamine
Concen: 8.424 ng
RT: 8.704 min Scan# 911
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

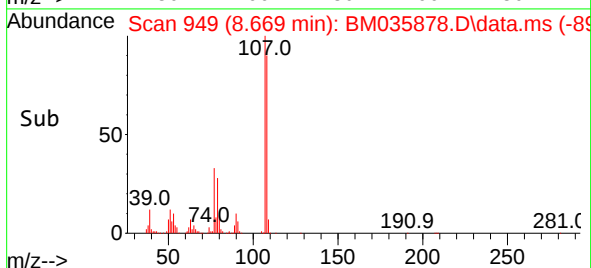
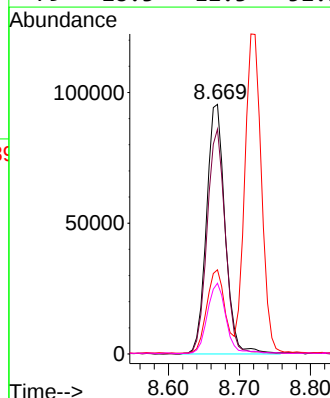
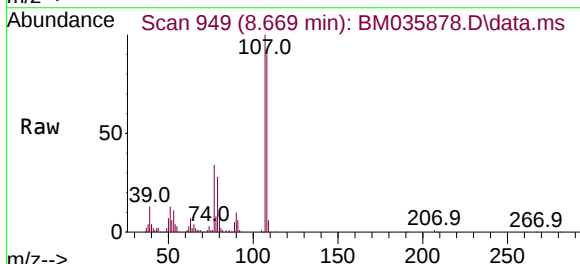
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

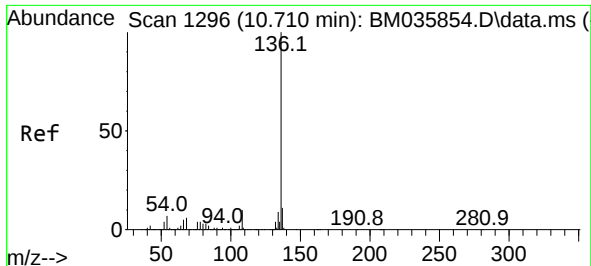
Tgt Ion: 70 Resp: 125590
Ion Ratio Lower Upper
70 100
42 55.6 55.4 83.2
101 9.1 7.8 11.6
130 20.9 17.0 25.6



#20
3+4-Methylphenols
Concen: 7.664 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 107 Resp: 174162
Ion Ratio Lower Upper
107 100
108 90.1 69.3 109.3
77 33.7 15.8 55.8
79 28.3 12.3 52.3

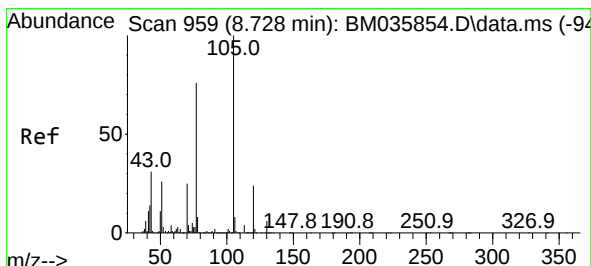
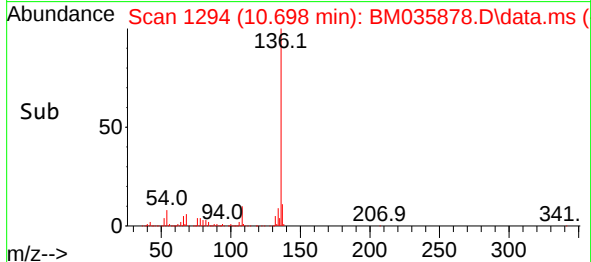
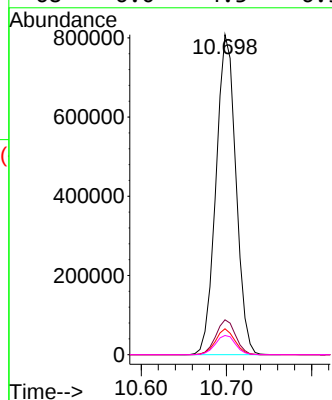
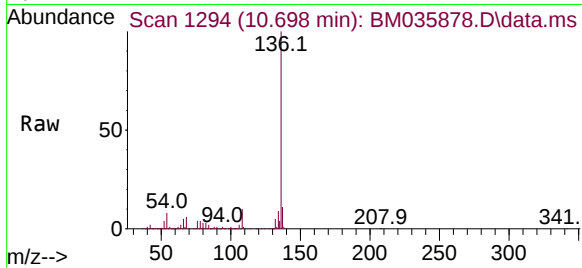




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

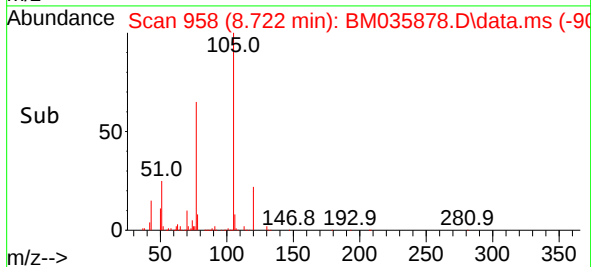
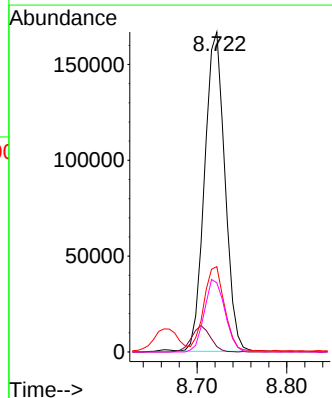
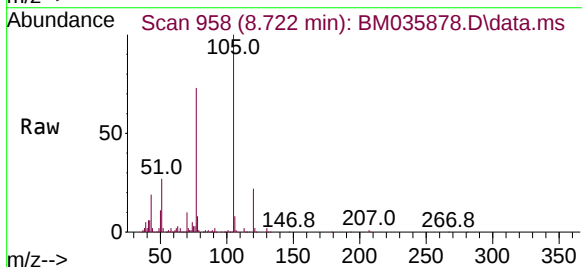
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

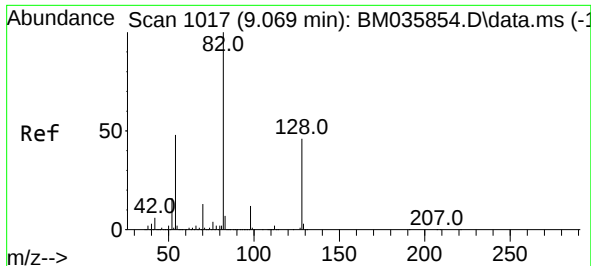
Tgt Ion:136 Resp: 1311846
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 7.0 10.4
68 6.0 4.3 6.5



#22
Acetophenone
Concen: 8.064 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:105 Resp: 261430
Ion Ratio Lower Upper
105 100
71 1.7 5.0 7.4#
51 26.6 25.6 38.4
120 21.6 17.8 26.8

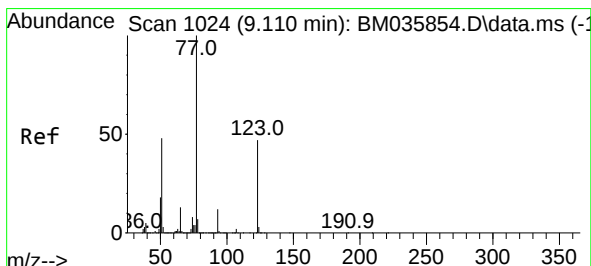
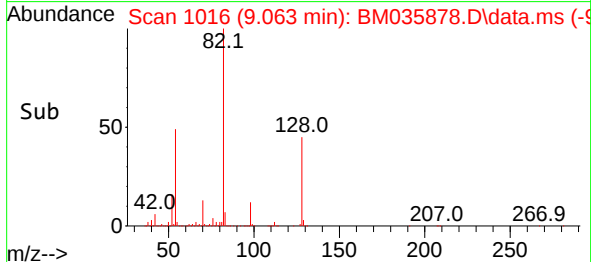
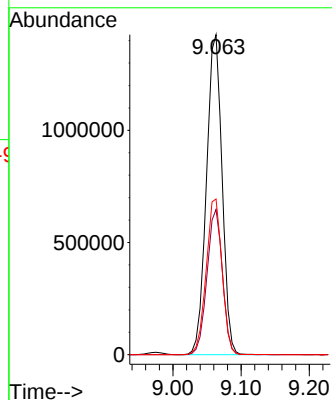
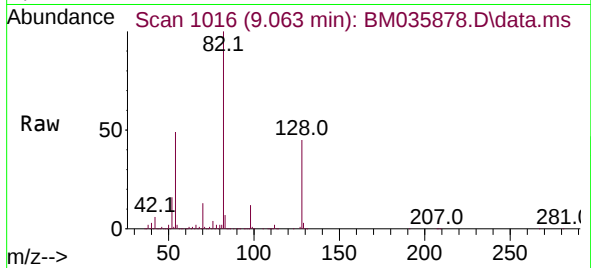




#23
Nitrobenzene-d5
Concen: 92.759 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

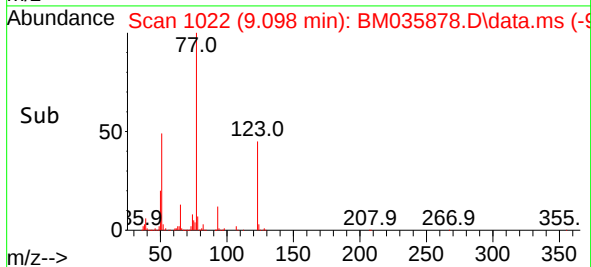
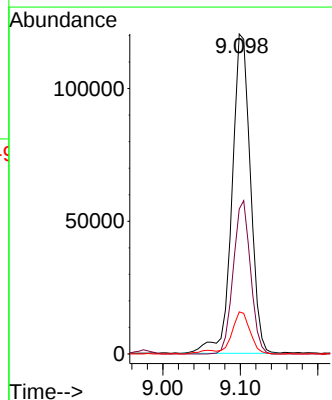
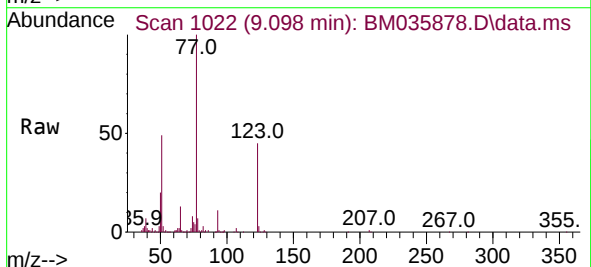
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

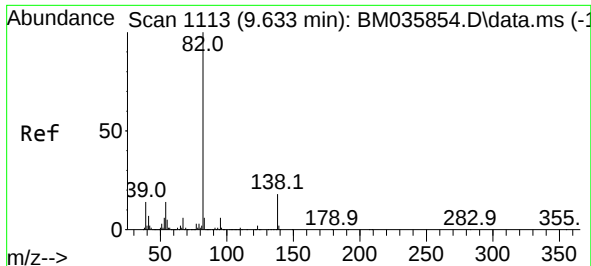
Tgt Ion: 82 Resp: 2275194
Ion Ratio Lower Upper
82 100
128 45.4 33.7 50.5
54 48.6 43.2 64.8



#24
Nitrobenzene
Concen: 8.672 ng
RT: 9.098 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 77 Resp: 199778
Ion Ratio Lower Upper
77 100
123 45.3 36.2 54.4
65 13.2 11.4 17.0





#25

Isophorone

Concen: 8.794 ng

RT: 9.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

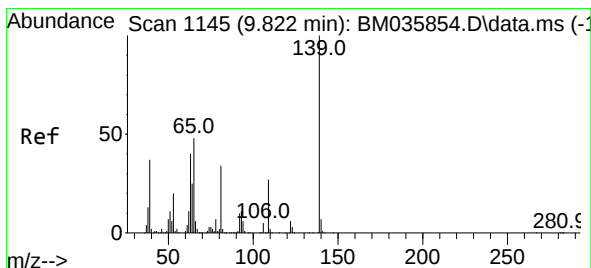
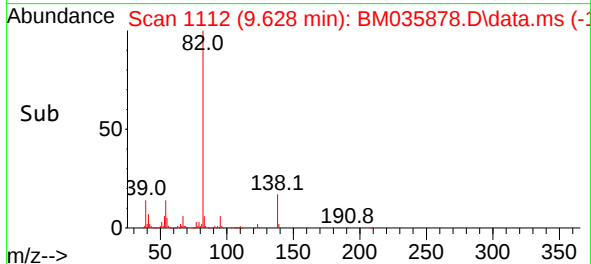
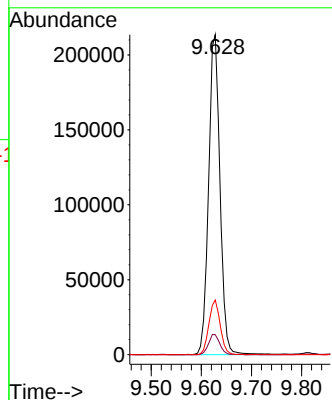
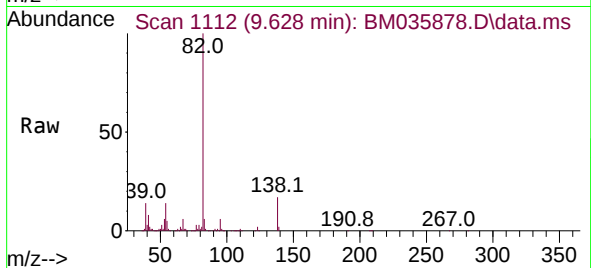
Tgt Ion: 82 Resp: 337447

Ion Ratio Lower Upper

82 100

95 6.3 6.4 9.6#

138 17.1 14.2 21.4



#26

2-Nitrophenol

Concen: 6.685 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

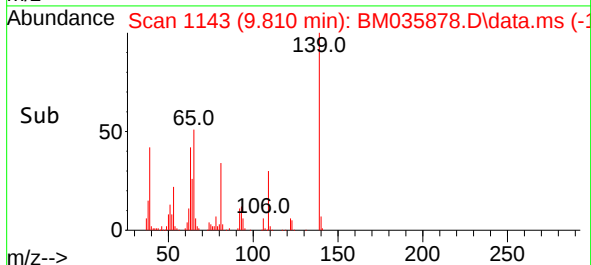
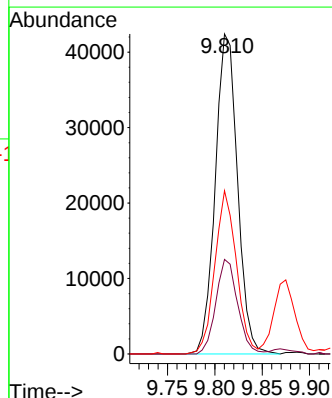
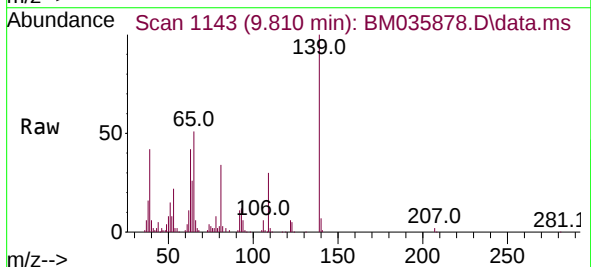
Tgt Ion: 139 Resp: 69376

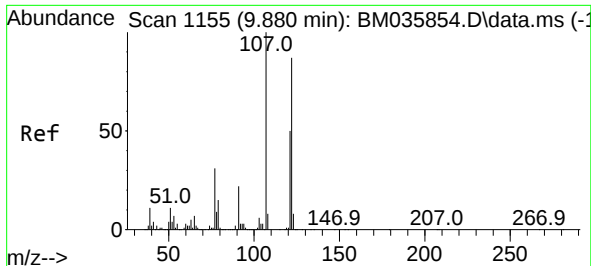
Ion Ratio Lower Upper

139 100

109 29.5 25.6 38.4

65 51.0 43.2 64.8

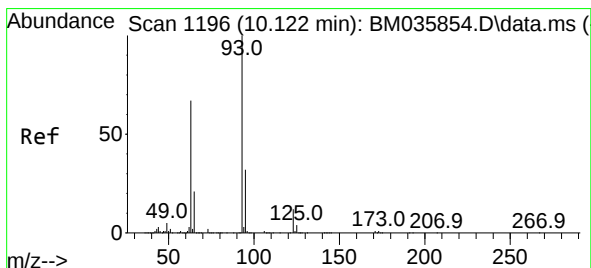
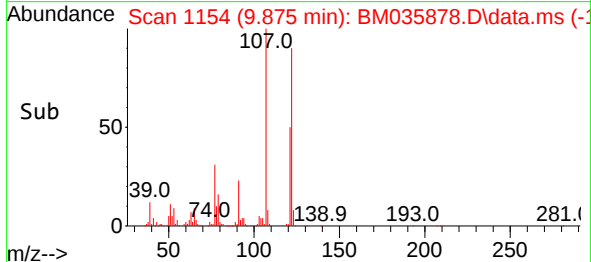
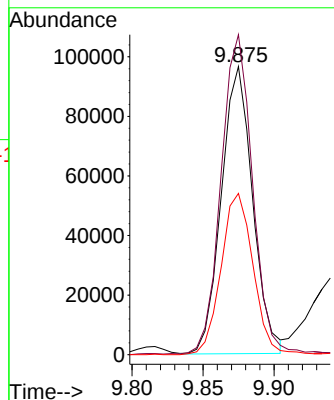
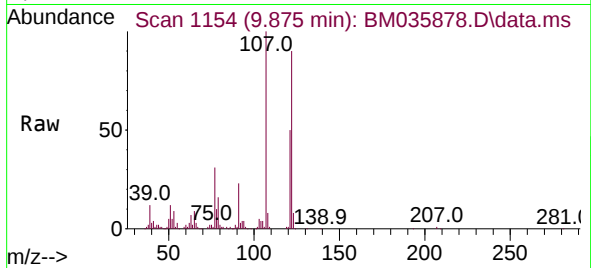




#27
2,4-Dimethylphenol
Concen: 9.014 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

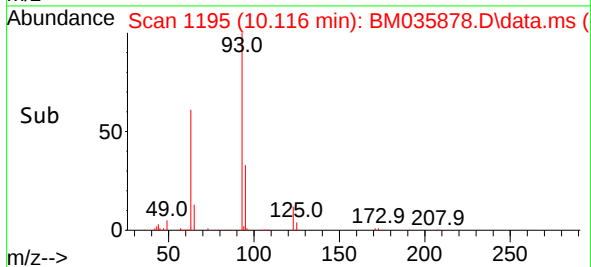
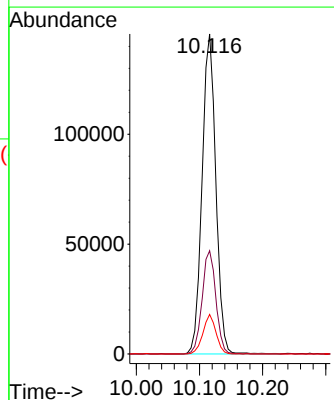
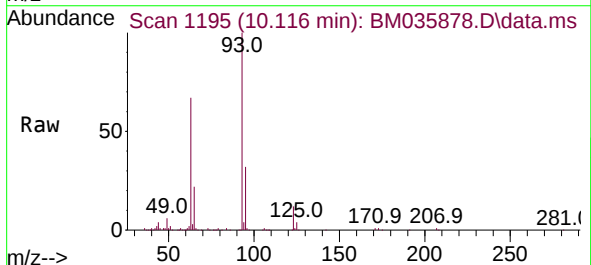
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

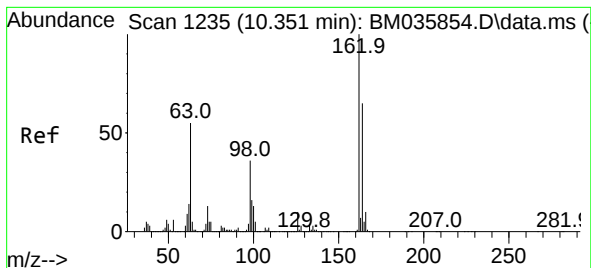
Tgt Ion:122 Resp: 147565
Ion Ratio Lower Upper
122 100
107 111.1 92.4 138.6
121 56.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.255 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion: 93 Resp: 220453
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 12.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 7.348 ng

RT: 10.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035878.D

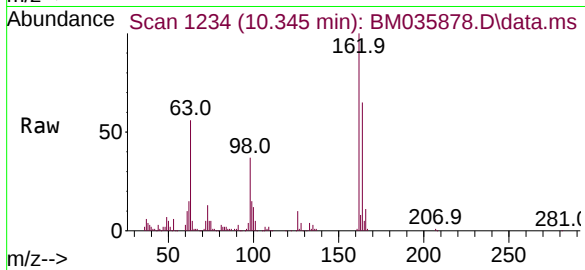
Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



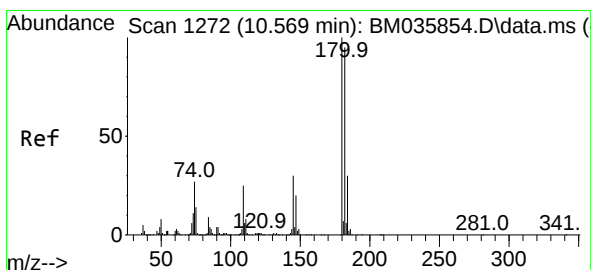
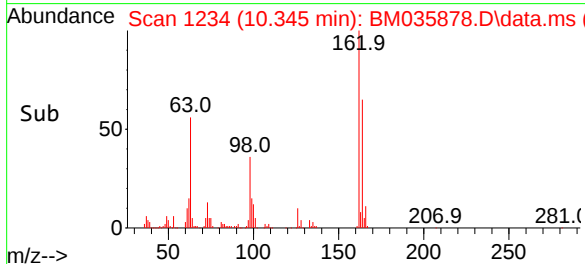
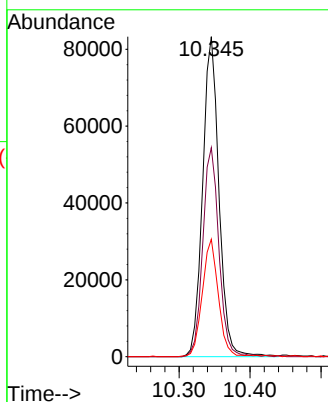
Tgt Ion:162 Resp: 133362

Ion Ratio Lower Upper

162 100

164 65.3 44.2 84.2

98 36.7 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 7.737 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

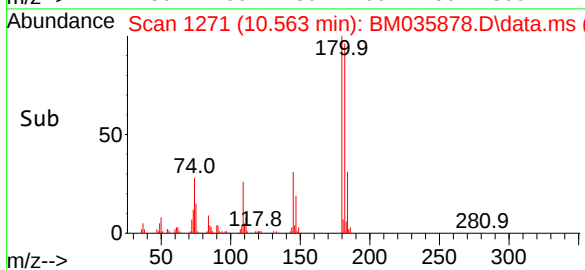
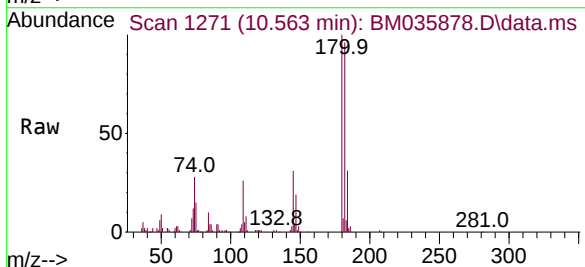
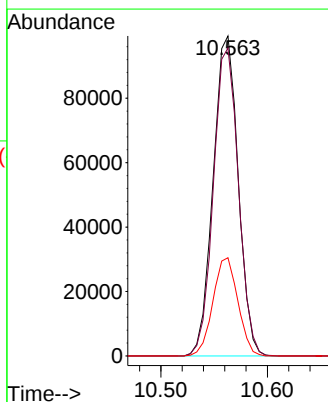
Tgt Ion:180 Resp: 162067

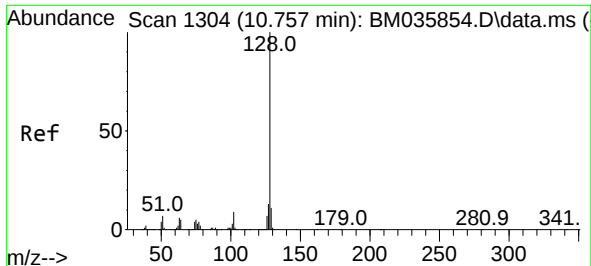
Ion Ratio Lower Upper

180 100

182 96.2 77.9 116.9

145 30.7 25.0 37.6

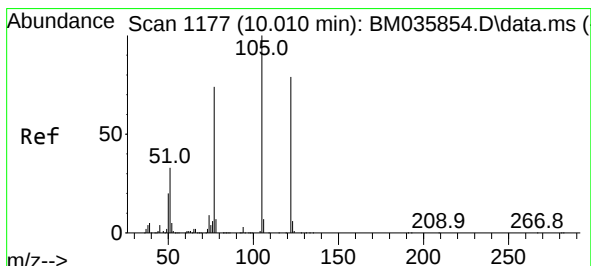
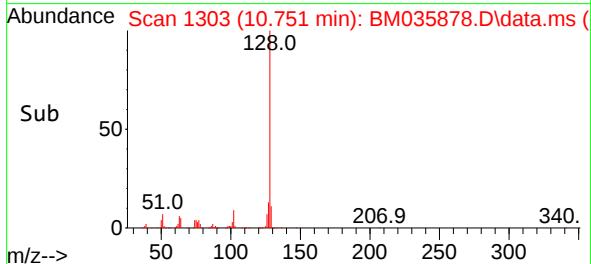
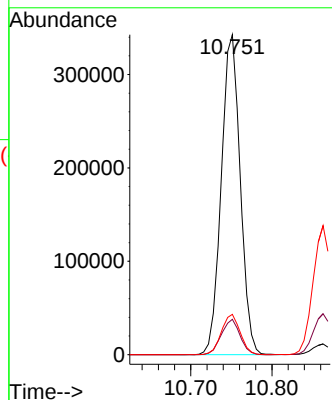
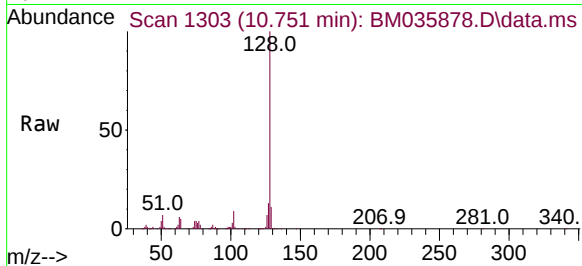




#31
Naphthalene
Concen: 8.348 ng
RT: 10.751 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

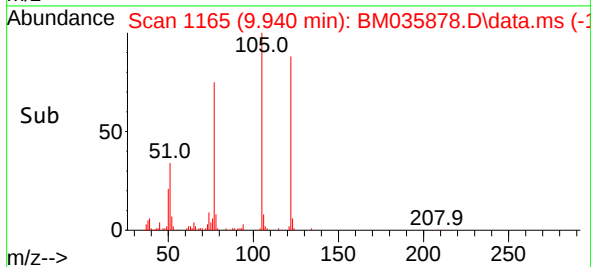
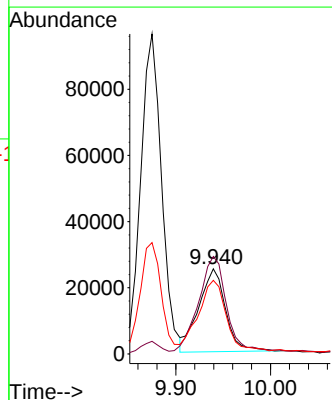
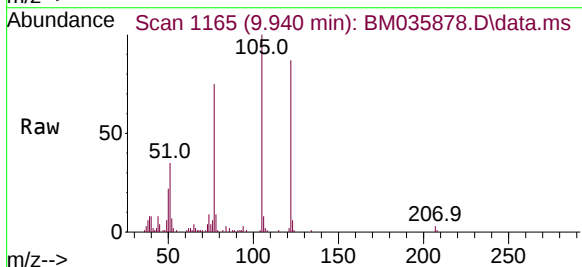
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

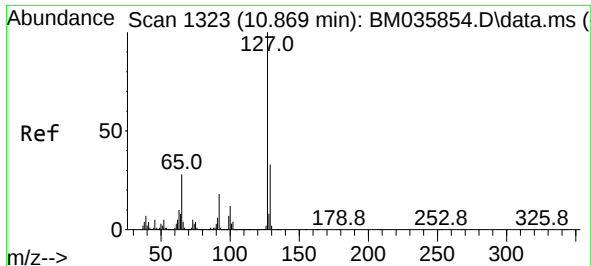
Tgt Ion:128 Resp: 556433
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.6 10.6 16.0



#32
Benzoic acid
Concen: 3.993 ng
RT: 9.940 min Scan# 1165
Delta R.T. -0.070 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:122 Resp: 49440
Ion Ratio Lower Upper
122 100
105 114.4 105.7 145.7
77 86.4 80.0 120.0

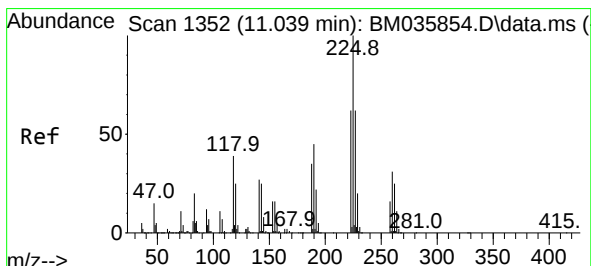
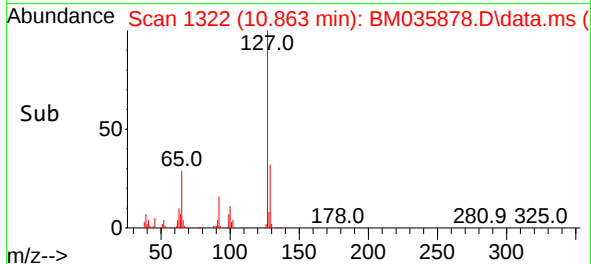
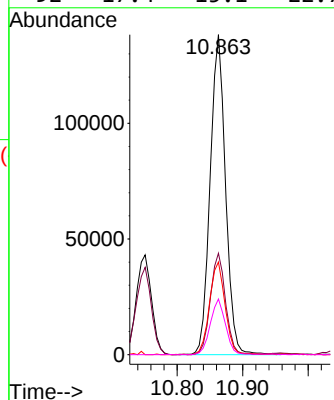
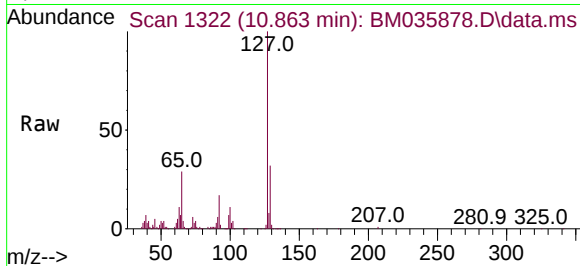




#33
4-Chloroaniline
Concen: 8.482 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

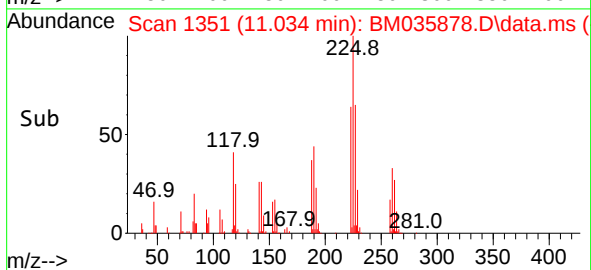
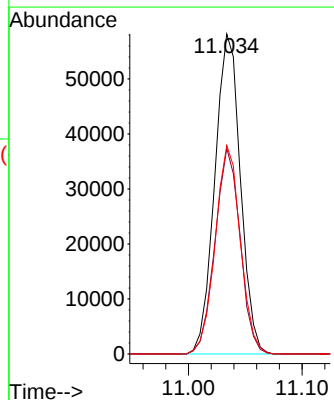
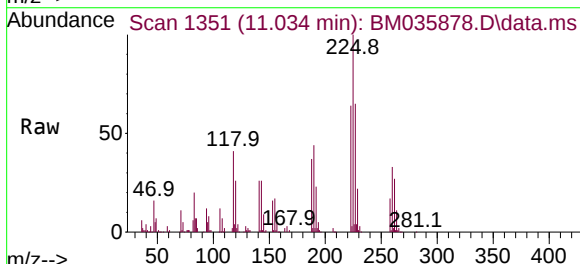
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

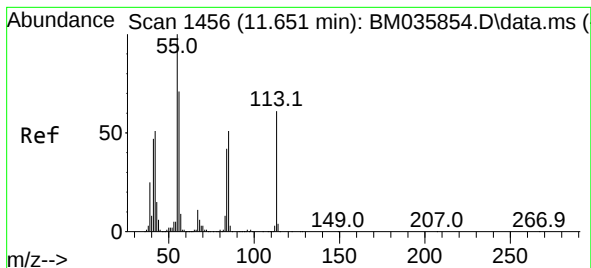
Tgt Ion:	127	Resp:	226175
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	28.9	26.6	40.0
92	17.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 7.578 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:	225	Resp:	91099
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.8	76.2
227	65.2	52.7	79.1





#35

Caprolactam

Concen: 6.547 ng

RT: 11.622 min Scan# 1456

Delta R.T. -0.029 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

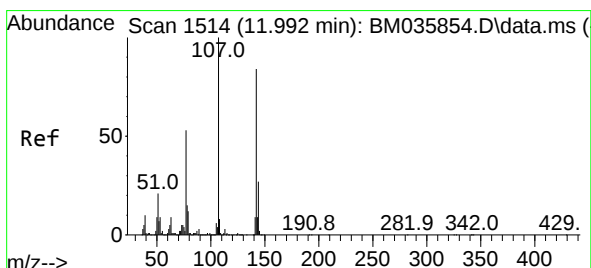
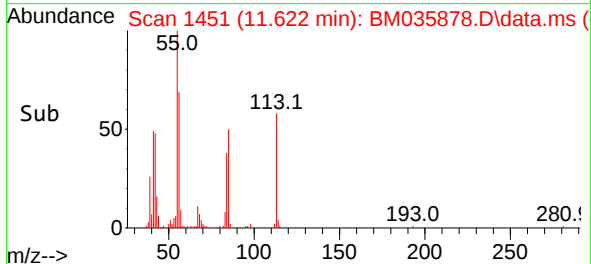
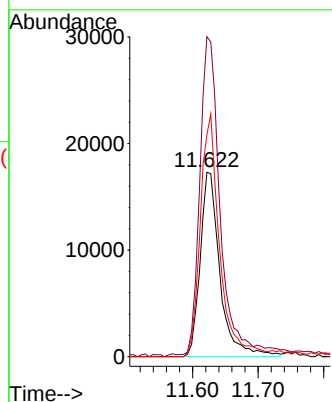
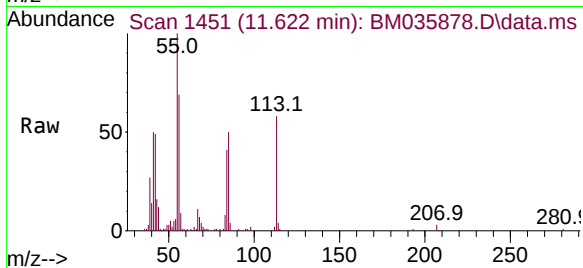
Tgt Ion:113 Resp: 36340

Ion Ratio Lower Upper

113 100

55 173.4 150.1 190.1

56 120.2 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 7.581 ng

RT: 11.981 min Scan# 1512

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

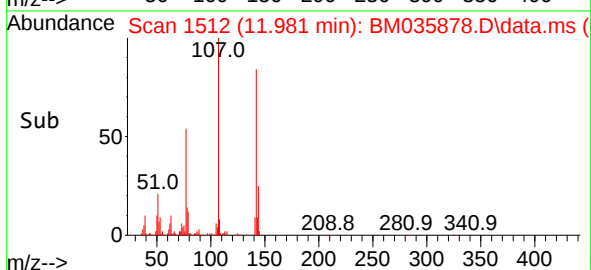
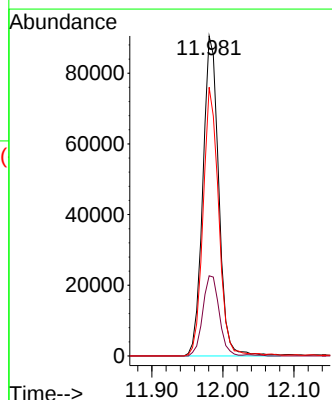
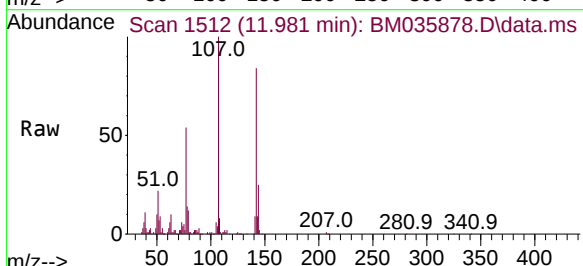
Tgt Ion:107 Resp: 141093

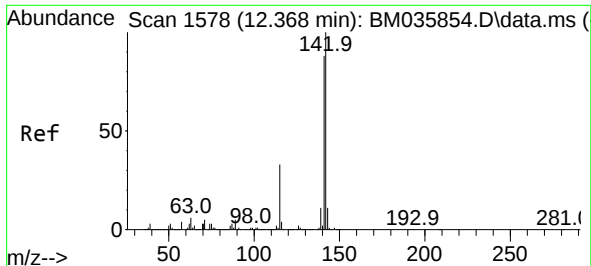
Ion Ratio Lower Upper

107 100

144 25.0 21.4 32.0

142 83.9 66.7 100.1

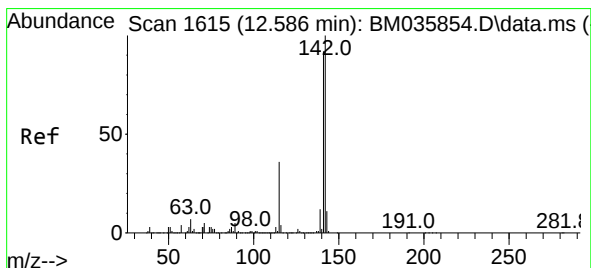
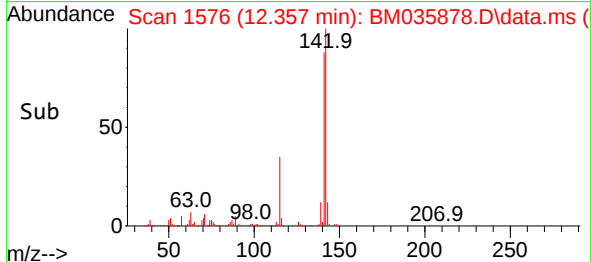
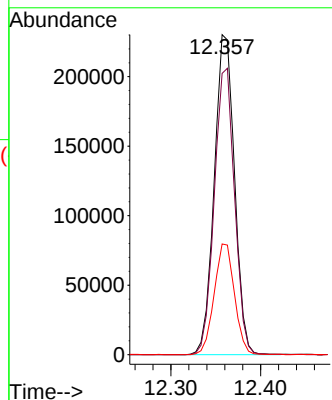
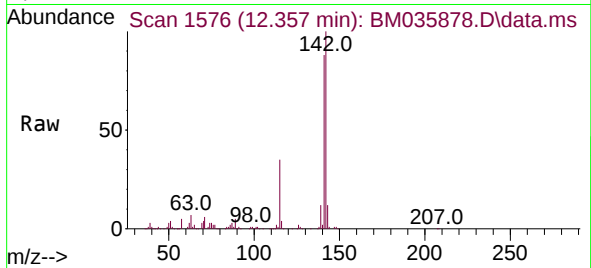




#37
2-Methylnaphthalene
Concen: 8.342 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

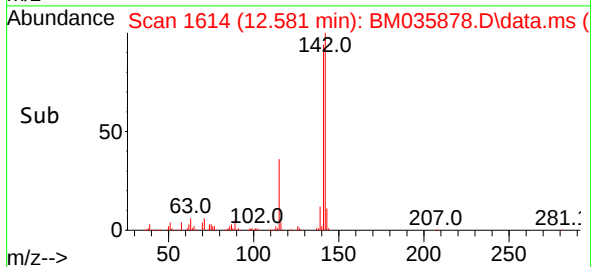
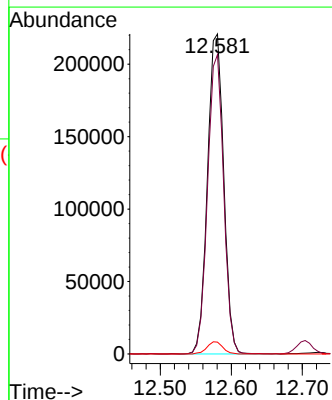
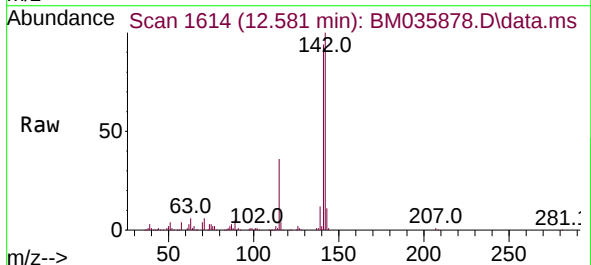
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

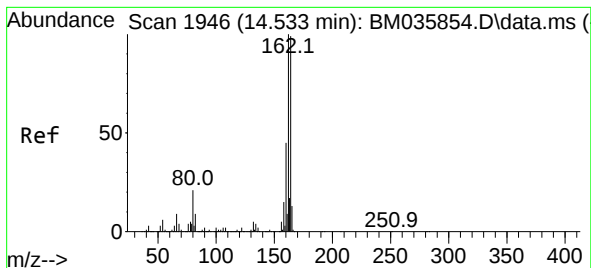
Tgt Ion:142 Resp: 361728
Ion Ratio Lower Upper
142 100
141 87.9 72.4 108.6
115 34.6 29.6 44.4



#38
1-Methylnaphthalene
Concen: 8.325 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:142 Resp: 351352
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4
116 3.7 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.527 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

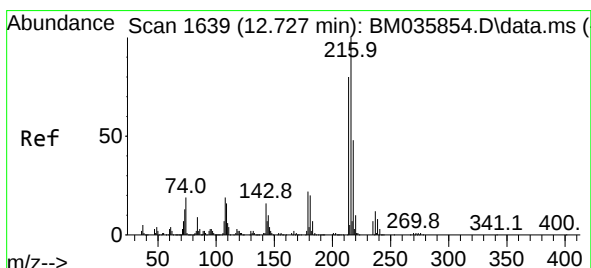
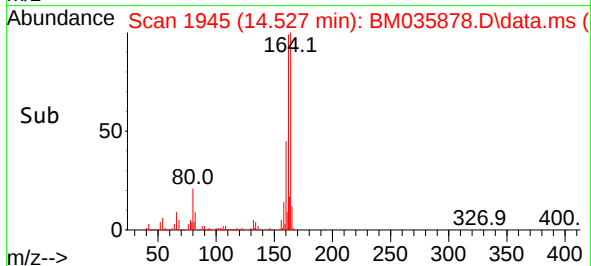
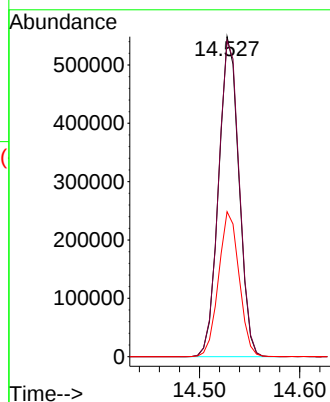
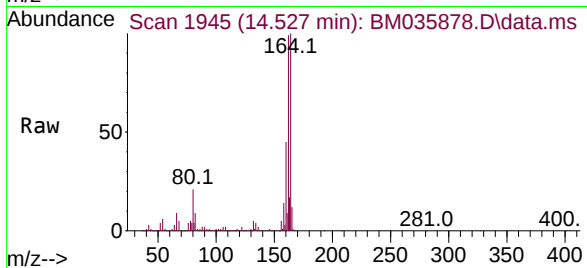
Tgt Ion:164 Resp: 769406

Ion Ratio Lower Upper

164 100

162 98.7 83.0 124.6

160 45.3 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.703 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Tgt Ion:216 Resp: 169320

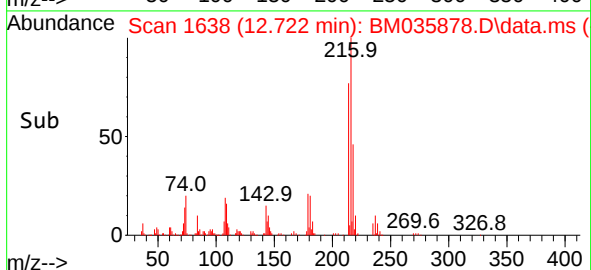
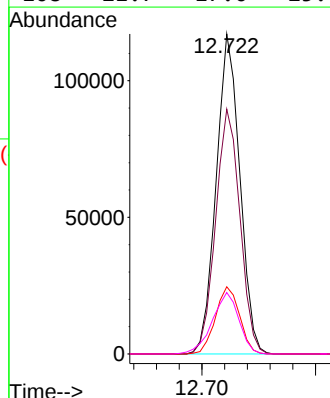
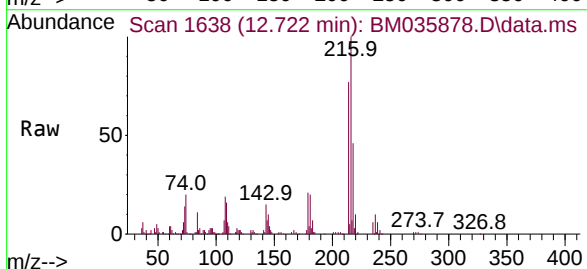
Ion Ratio Lower Upper

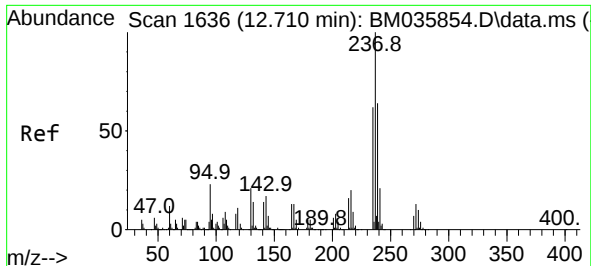
216 100

214 78.6 62.6 94.0

179 21.4 18.2 27.2

108 21.7 17.0 25.6

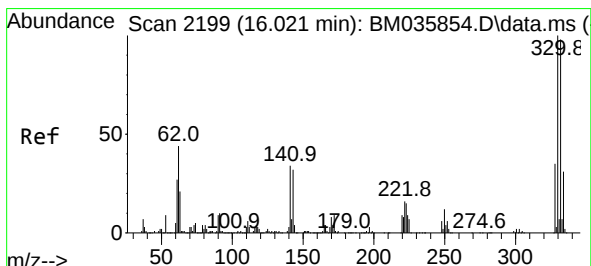
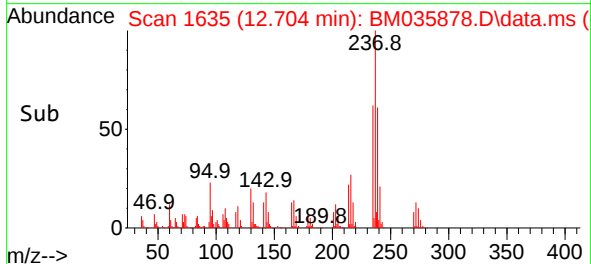
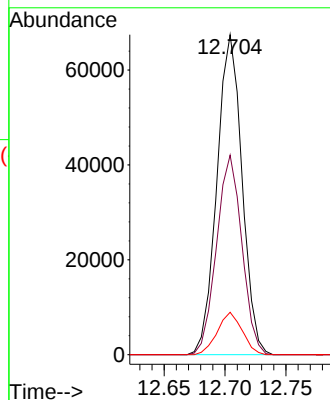
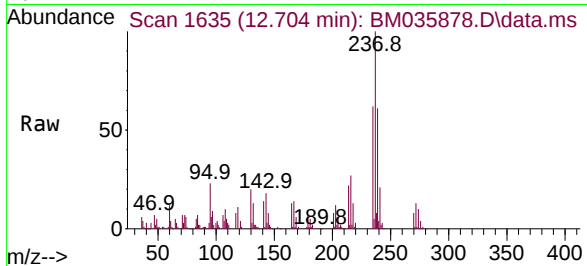




#41
Hexachlorocyclopentadiene
Concen: 8.184 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

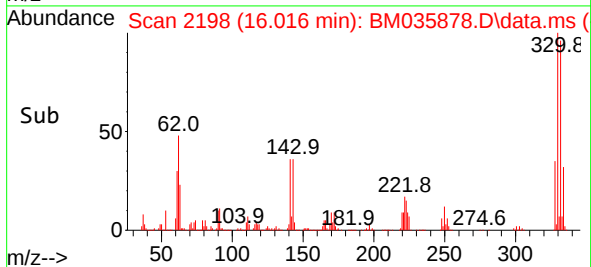
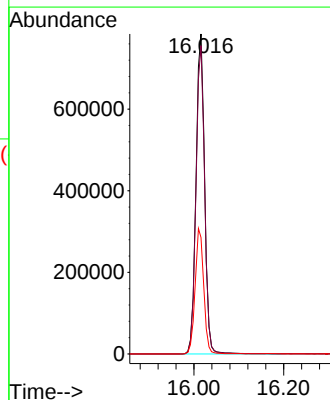
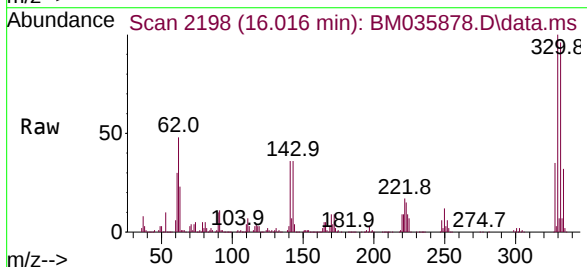
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

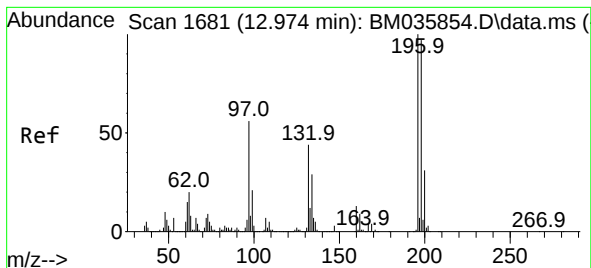
Tgt Ion:237 Resp: 96970
Ion Ratio Lower Upper
237 100
235 62.3 43.8 83.8
272 13.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 121.507 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:330 Resp: 1045716
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 39.0 35.3 52.9





#43

2,4,6-Trichlorophenol

Concen: 6.745 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

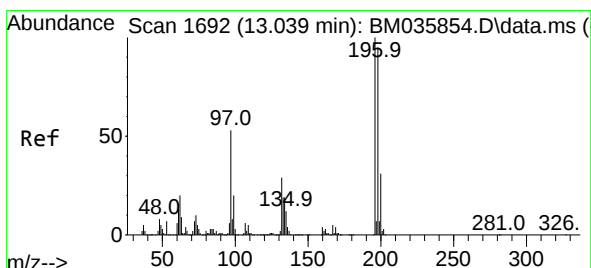
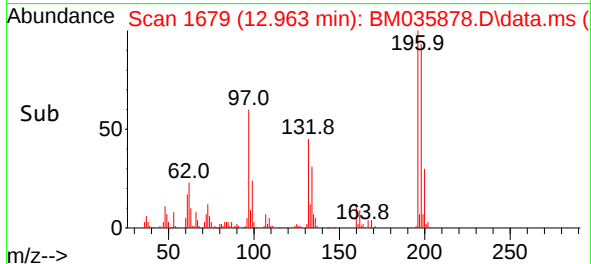
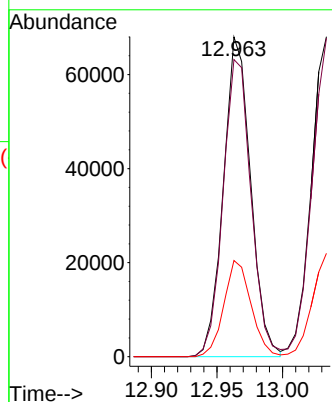
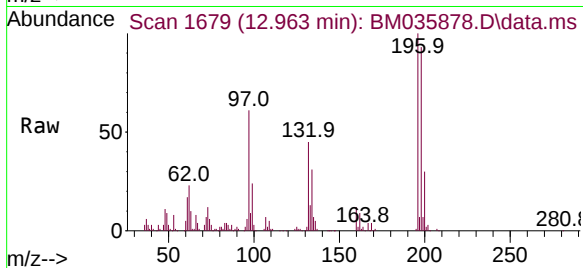
Tgt Ion:196 Resp: 98008

Ion Ratio Lower Upper

196 100

198 93.0 75.8 113.6

200 30.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 6.889 ng

RT: 13.033 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Tgt Ion:196 Resp: 105541

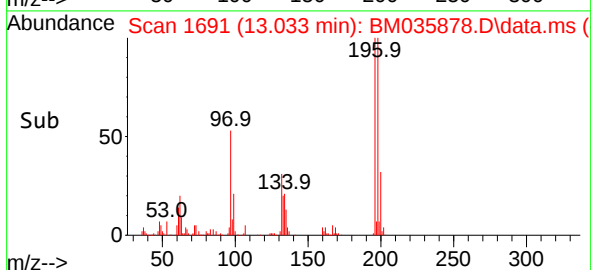
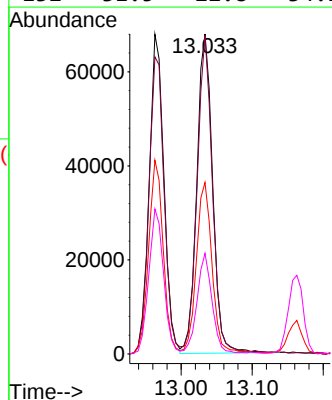
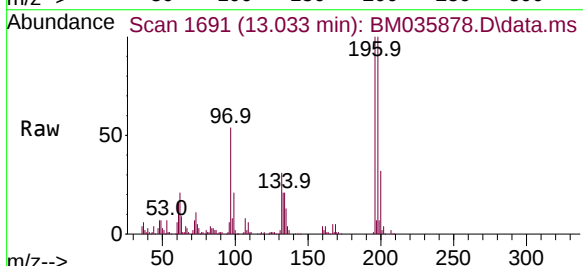
Ion Ratio Lower Upper

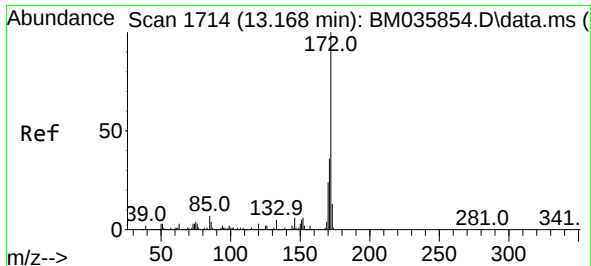
196 100

198 99.5 77.8 116.6

97 53.6 43.4 65.2

132 31.5 22.8 34.2

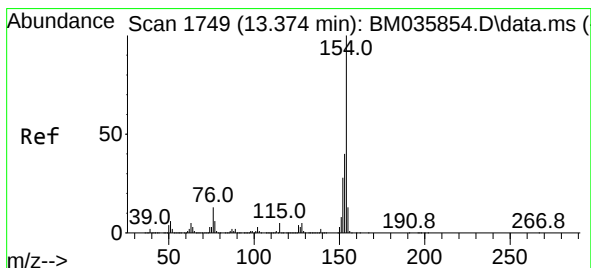
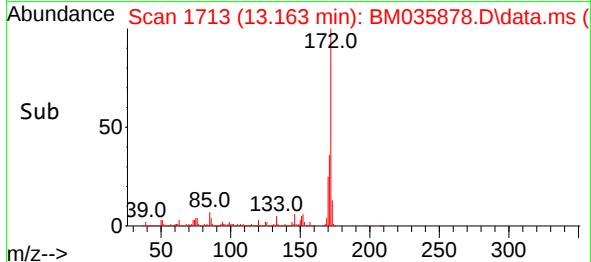
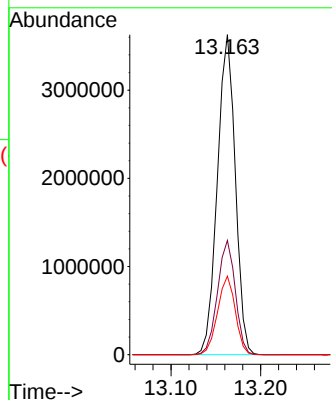
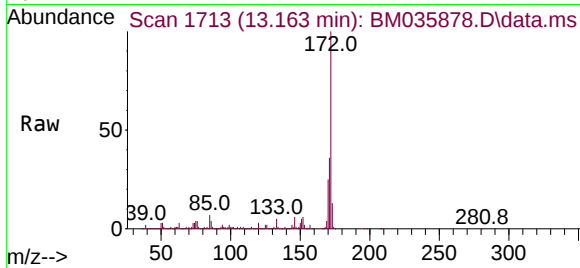




#45
2-Fluorobiphenyl
Concen: 92.548 ng
RT: 13.163 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

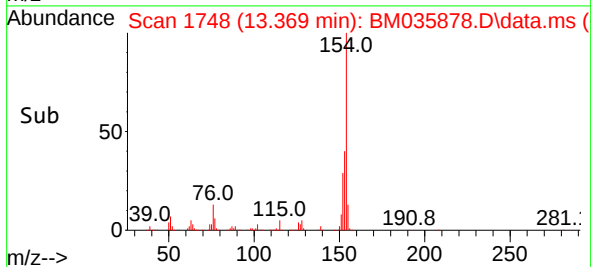
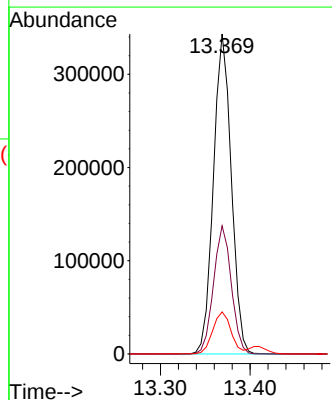
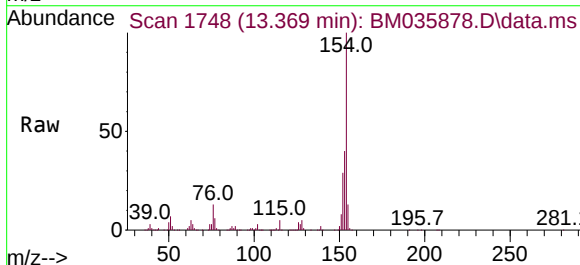
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

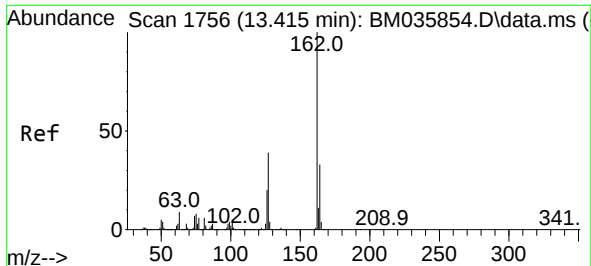
Tgt Ion:172 Resp: 5037599
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 8.112 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:154 Resp: 474818
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 13.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 7.816 ng

RT: 13.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

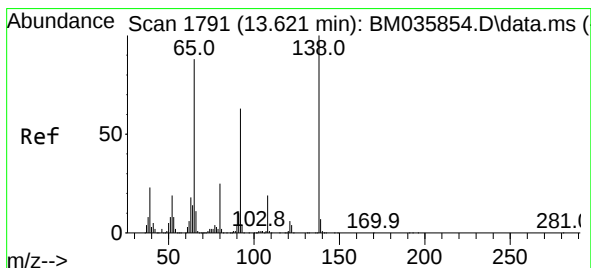
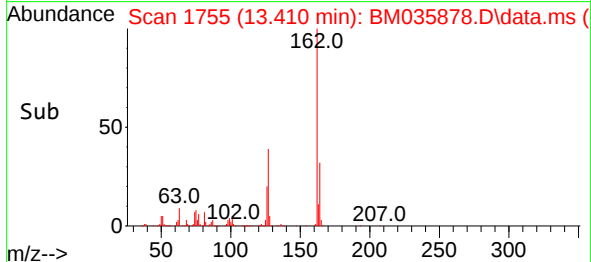
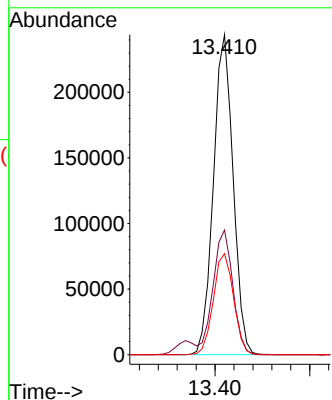
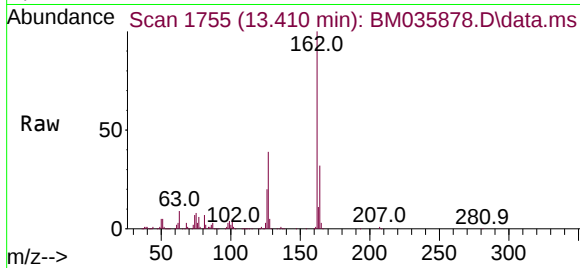
Tgt Ion:162 Resp: 351620

Ion Ratio Lower Upper

162 100

127 39.0 30.6 45.8

164 31.5 26.6 39.8



#48

2-Nitroaniline

Concen: 6.766 ng

RT: 13.616 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

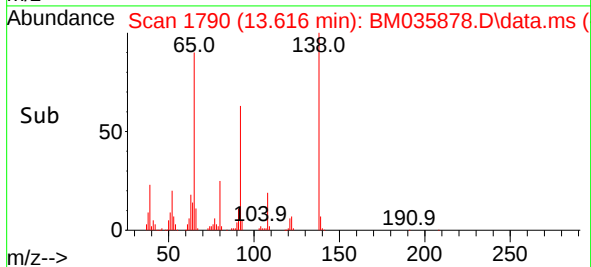
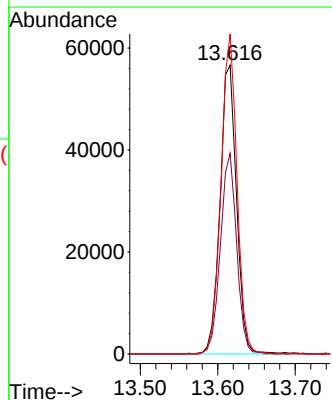
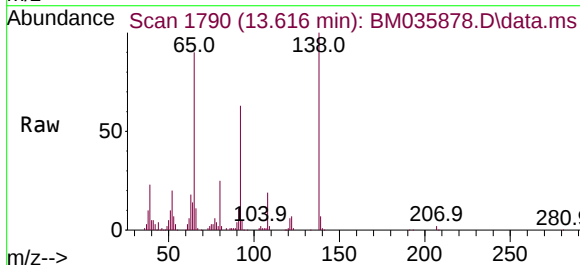
Tgt Ion: 65 Resp: 83874

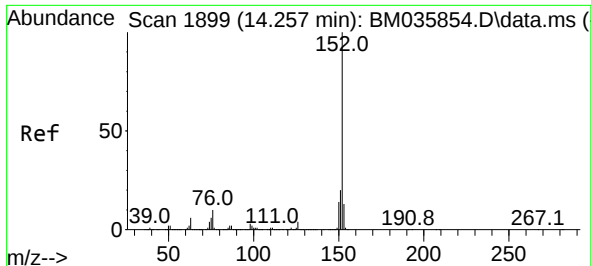
Ion Ratio Lower Upper

65 100

92 69.5 53.7 80.5

138 110.8 83.9 125.9

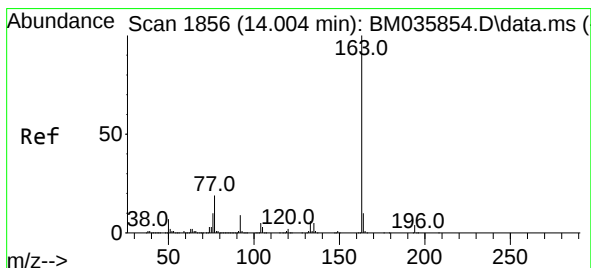
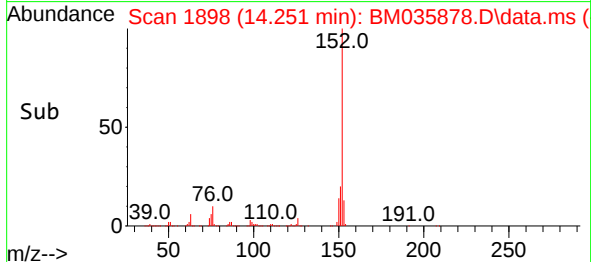
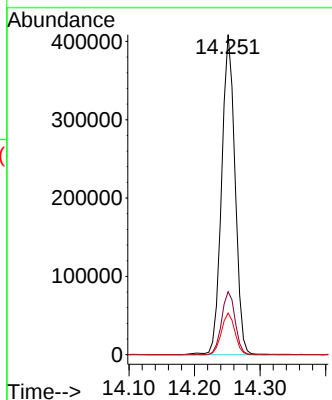
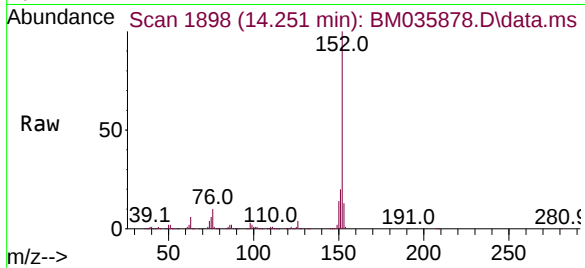




#49
Acenaphthylene
Concen: 8.351 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

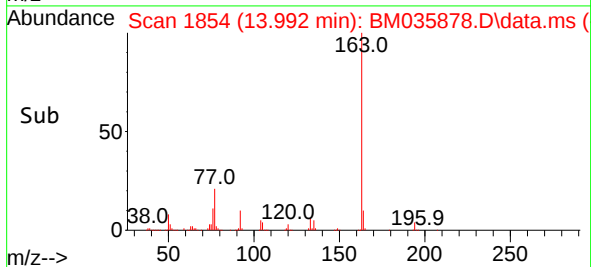
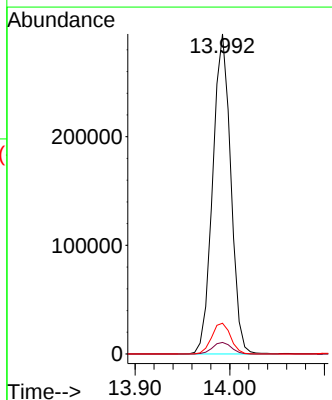
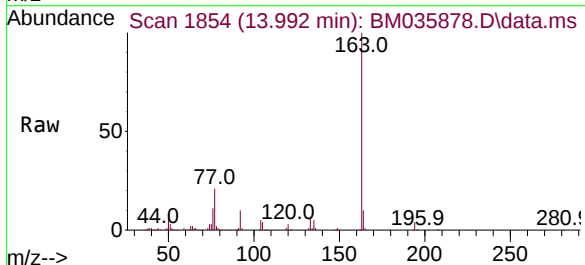
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

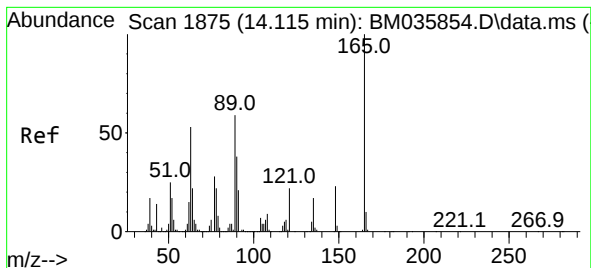
Tgt Ion:152 Resp: 578480
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 7.700 ng
RT: 13.992 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:163 Resp: 389932
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.6 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 7.404 ng

RT: 14.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

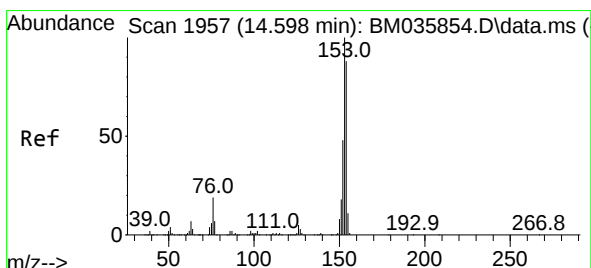
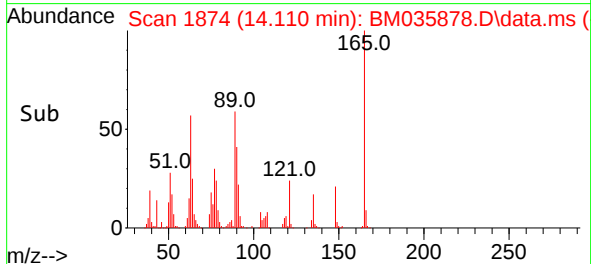
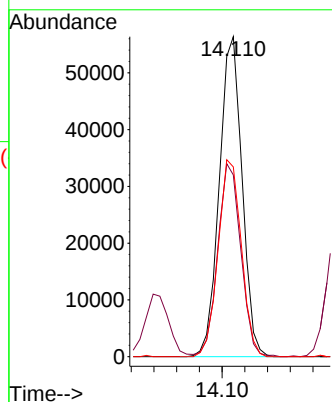
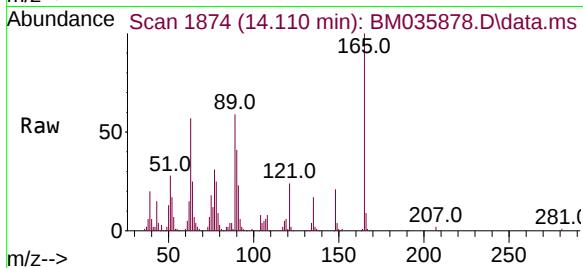
Tgt Ion:165 Resp: 78405

Ion Ratio Lower Upper

165 100

63 56.8 50.2 75.2

89 59.3 48.4 72.6



#52

Acenaphthene

Concen: 7.916 ng

RT: 14.592 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

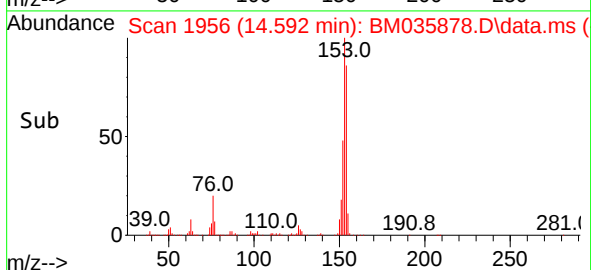
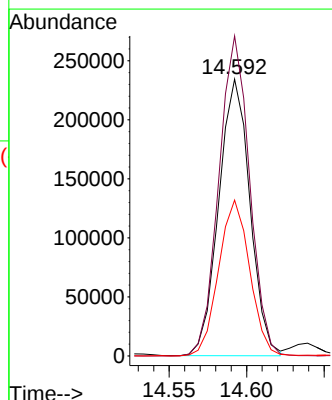
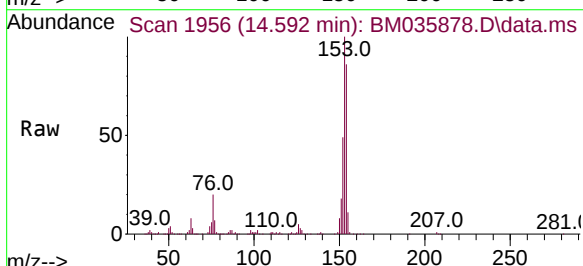
Tgt Ion:154 Resp: 328497

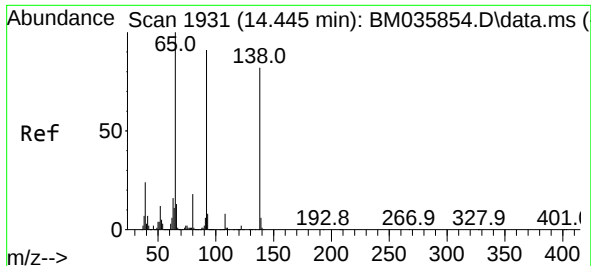
Ion Ratio Lower Upper

154 100

153 115.6 91.0 136.6

152 56.3 43.4 65.2

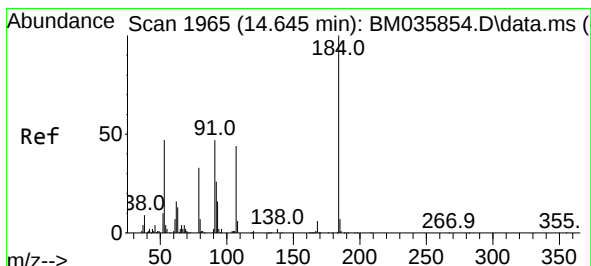
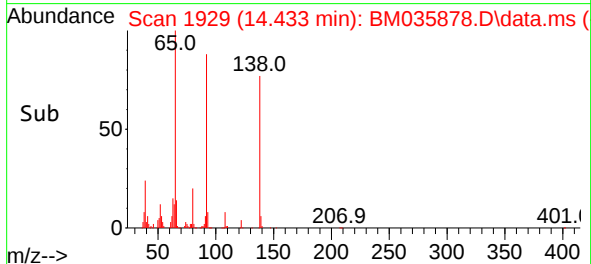
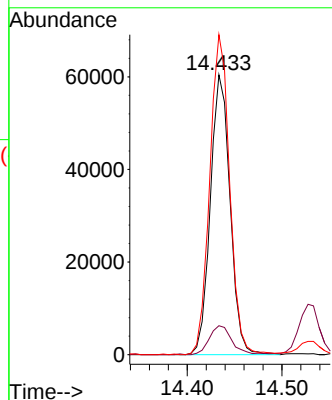
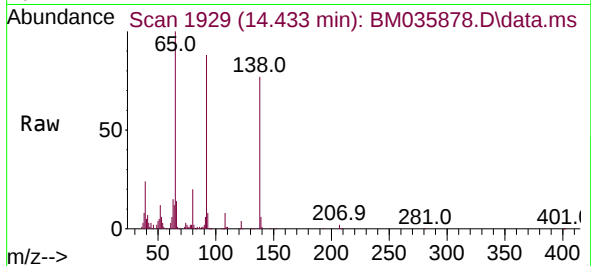




#53
3-Nitroaniline
Concen: 6.850 ng
RT: 14.433 min Scan# 1929
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

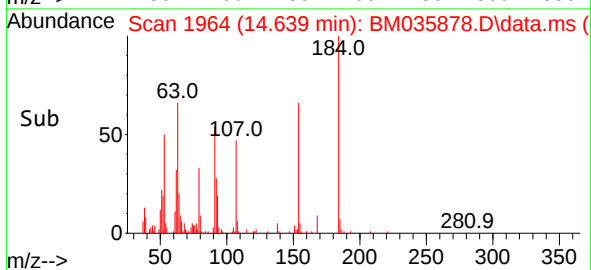
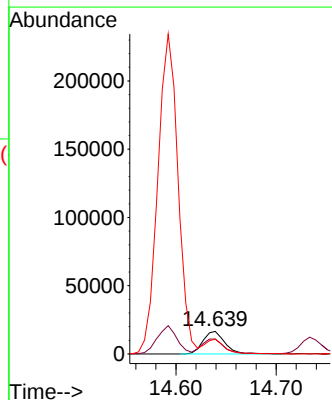
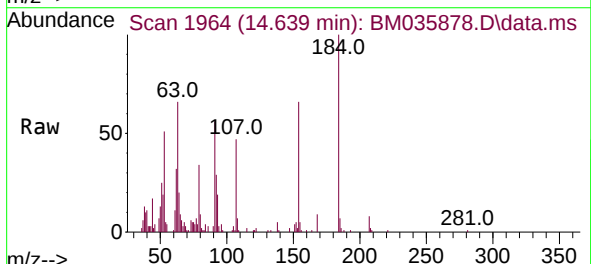
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

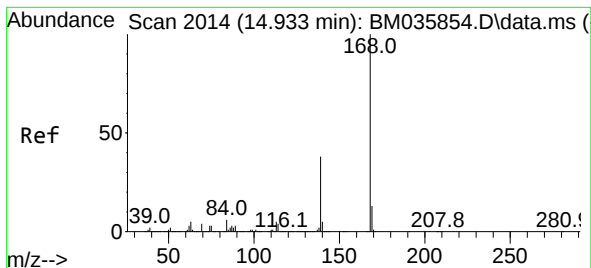
Tgt Ion:138 Resp: 87339
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 114.3 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 4.809 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:184 Resp: 25094
Ion Ratio Lower Upper
184 100
63 66.2 59.5 89.3
154 66.0 55.6 83.4





#55

Dibenzofuran

Concen: 7.894 ng

RT: 14.927 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

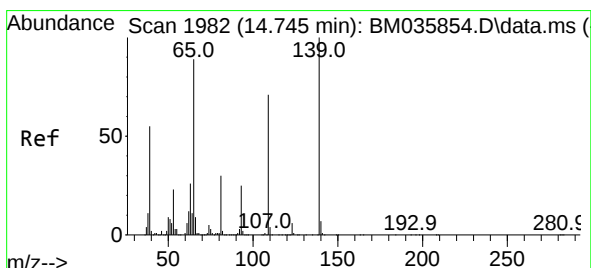
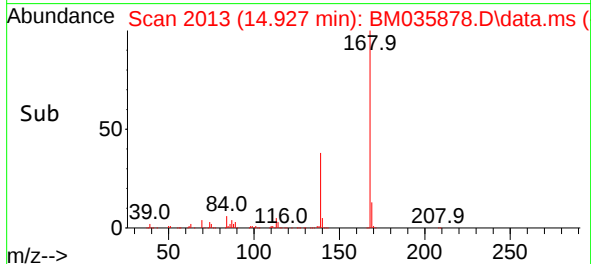
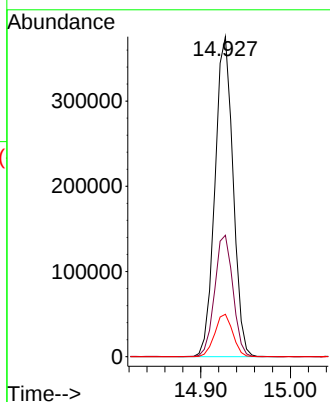
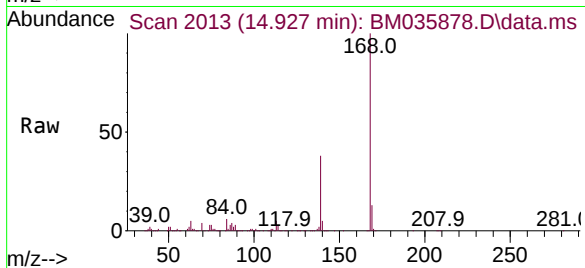
Tgt Ion:168 Resp: 524786

Ion Ratio Lower Upper

168 100

139 37.9 32.2 48.2

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 6.019 ng

RT: 14.733 min Scan# 1980

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

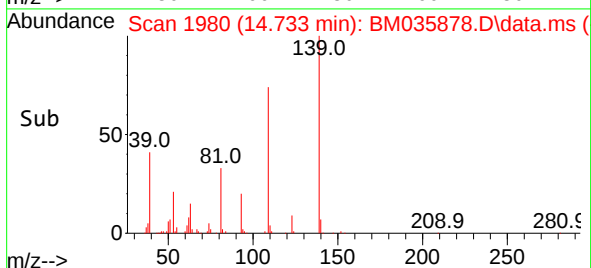
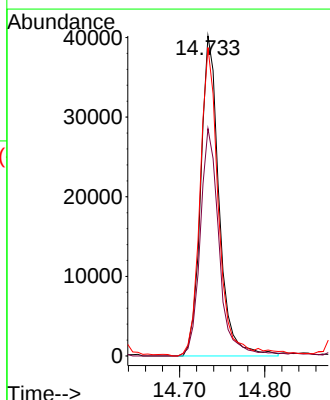
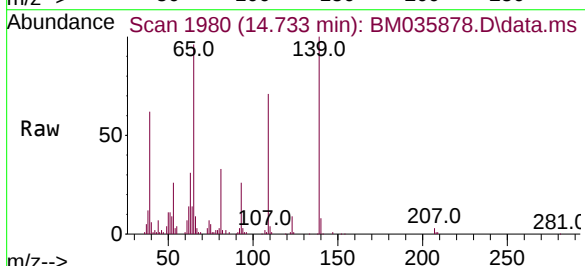
Tgt Ion:139 Resp: 60216

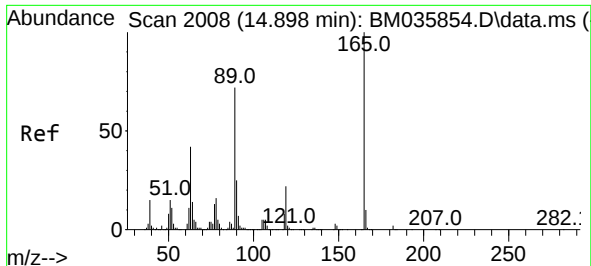
Ion Ratio Lower Upper

139 100

109 71.1 62.5 102.5

65 96.4 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 6.611 ng

RT: 14.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BM035878.D

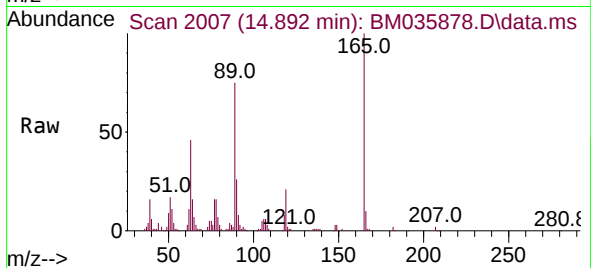
Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:165 Resp: 91624

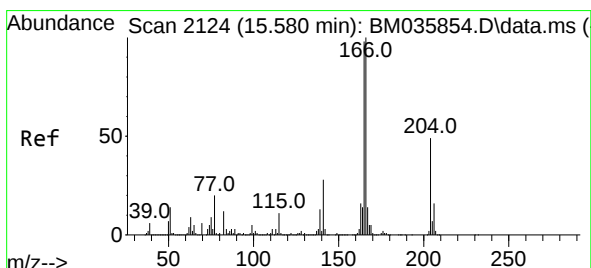
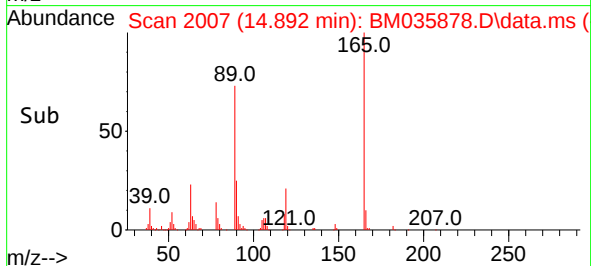
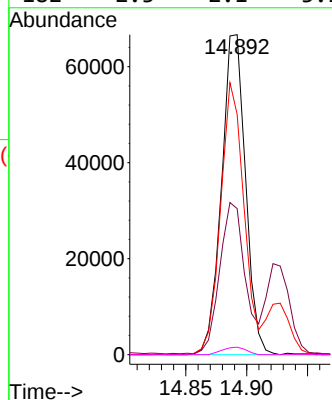
Ion Ratio Lower Upper

165 100

63 45.7 35.6 53.4

89 75.1 57.3 85.9

182 2.3 2.1 3.1



#58

Fluorene

Concen: 7.895 ng

RT: 15.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

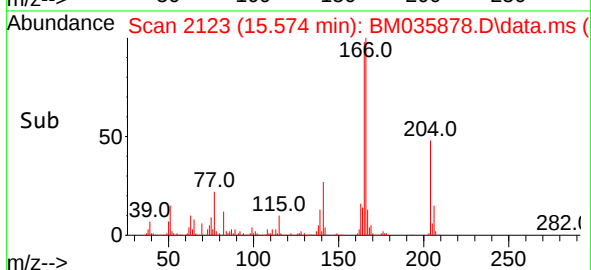
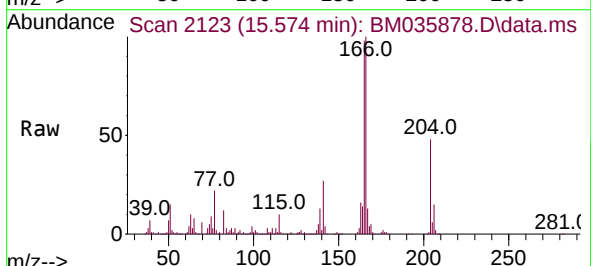
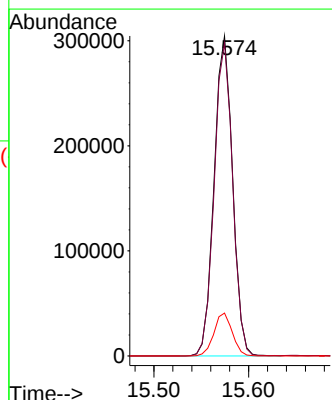
Tgt Ion:166 Resp: 412131

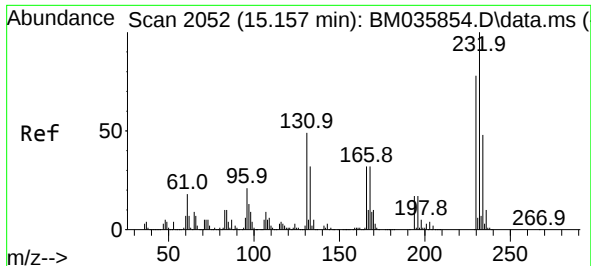
Ion Ratio Lower Upper

166 100

165 97.7 79.4 119.2

167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.618 ng

RT: 15.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:232 Resp: 81498

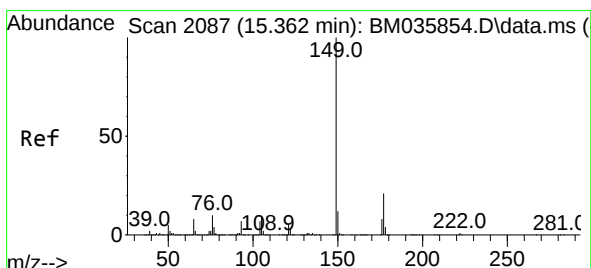
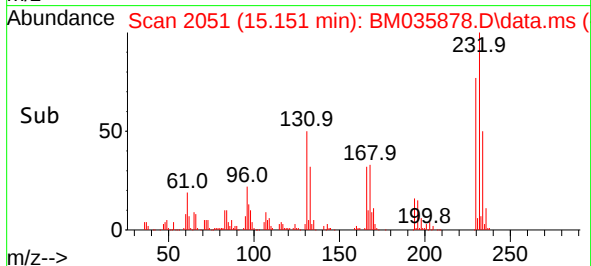
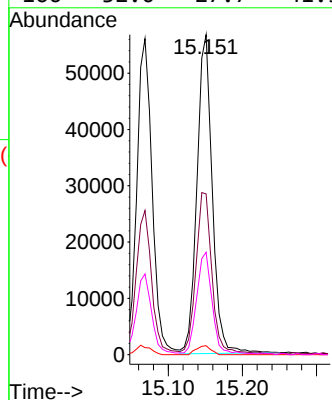
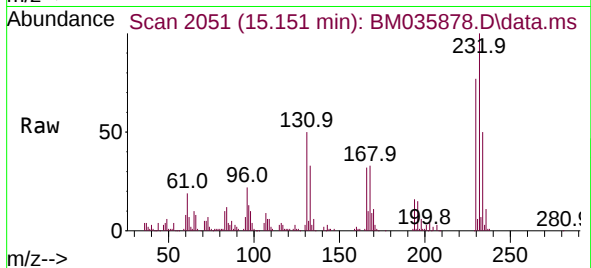
Ion Ratio Lower Upper

232 100

131 52.2 41.0 61.6

130 2.7 2.3 3.5

166 32.0 27.7 41.5



#60

Diethylphthalate

Concen: 7.475 ng

RT: 15.351 min Scan# 2085

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

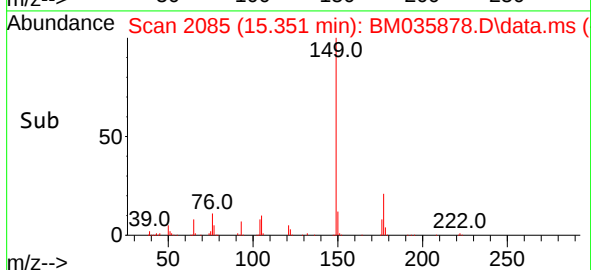
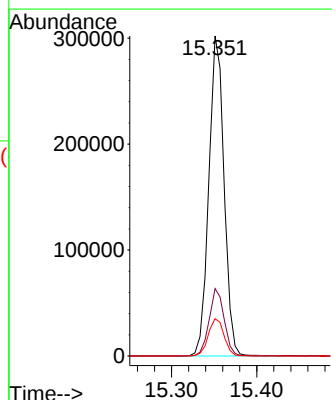
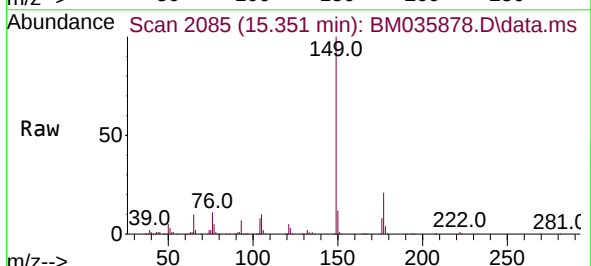
Tgt Ion:149 Resp: 375086

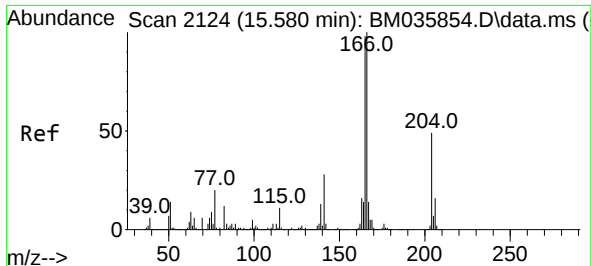
Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

150 11.6 10.1 15.1

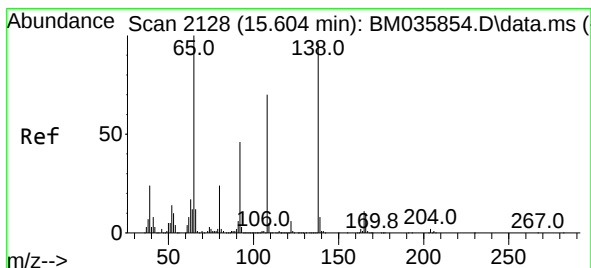
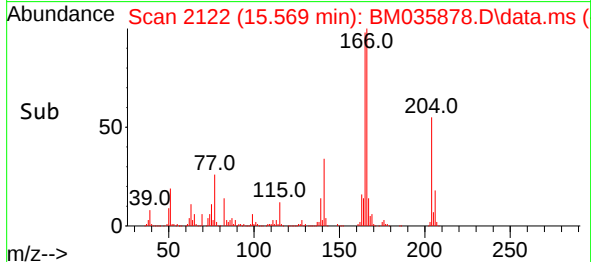
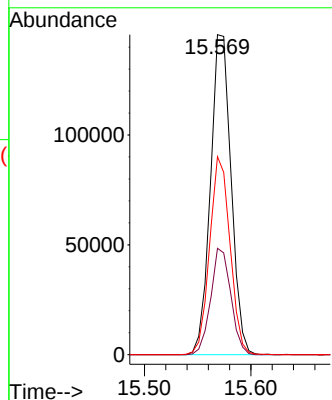
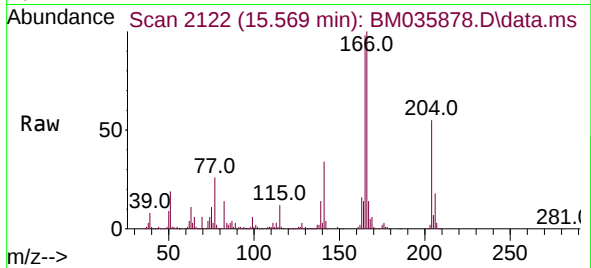




#61
4-Chlorophenyl-phenylether
Concen: 7.717 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

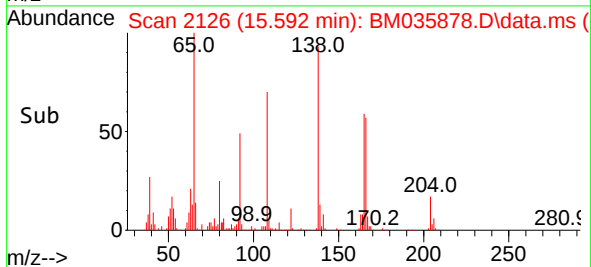
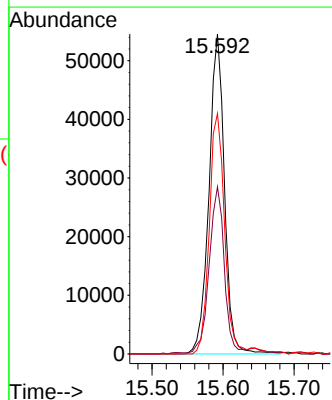
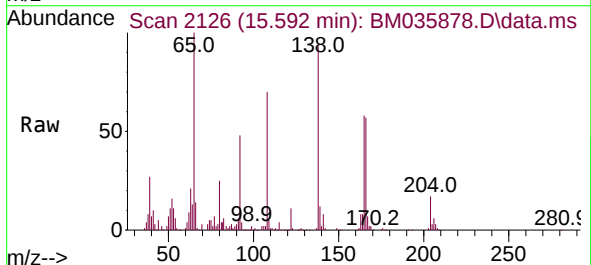
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

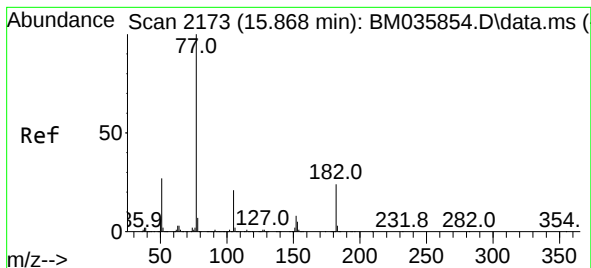
Tgt Ion:204 Resp: 196006
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 61.9 51.2 76.8



#62
4-Nitroaniline
Concen: 6.346 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:138 Resp: 82853
Ion Ratio Lower Upper
138 100
92 52.2 30.8 70.8
108 75.2 65.7 105.7





#63

Azobenzene

Concen: 7.593 ng

RT: 15.863 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 77 Resp: 391265

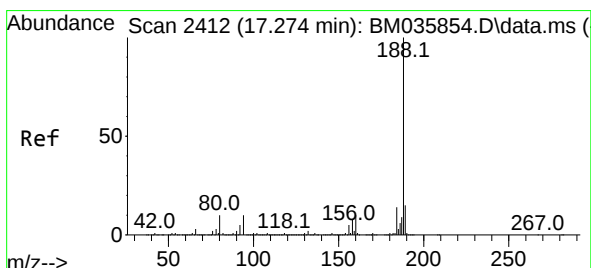
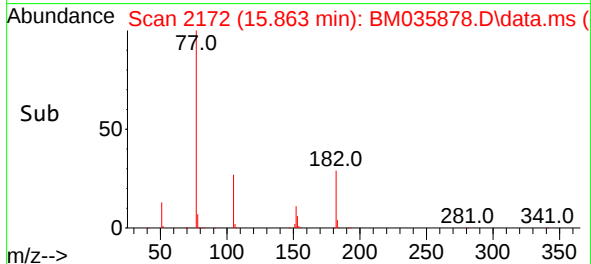
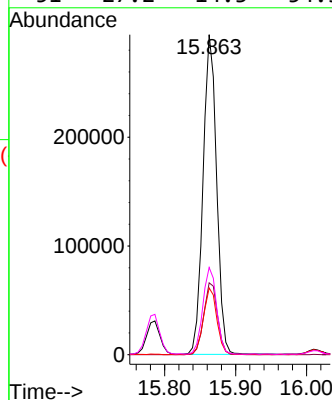
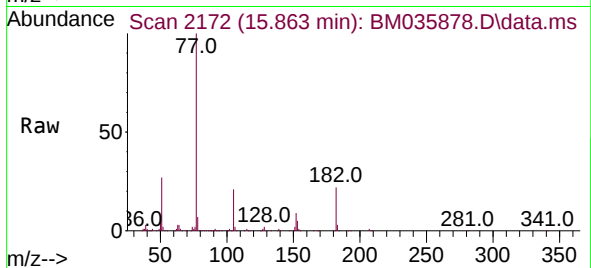
Ion Ratio Lower Upper

77 100

182 22.4 4.9 44.9

105 20.9 0.0 39.6

51 27.2 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

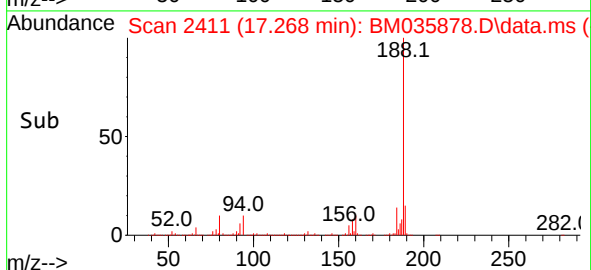
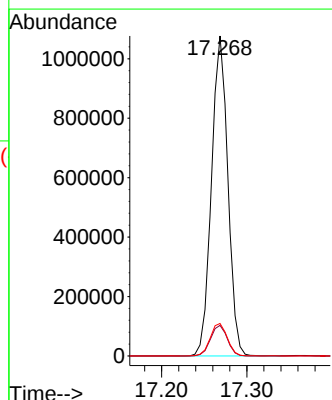
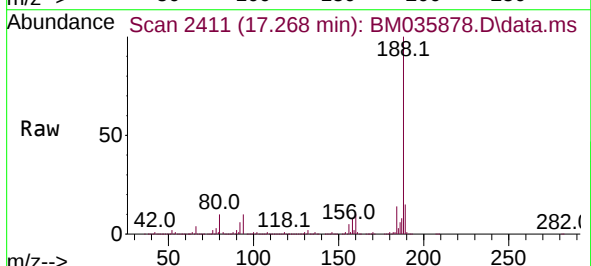
Tgt Ion: 188 Resp: 1437497

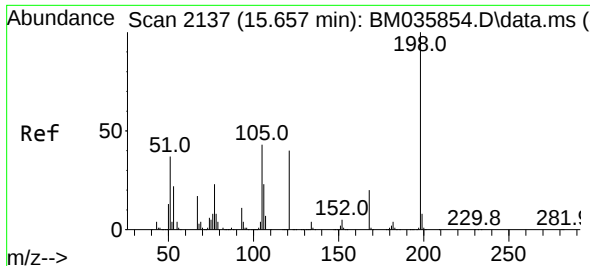
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.2 7.6 11.4

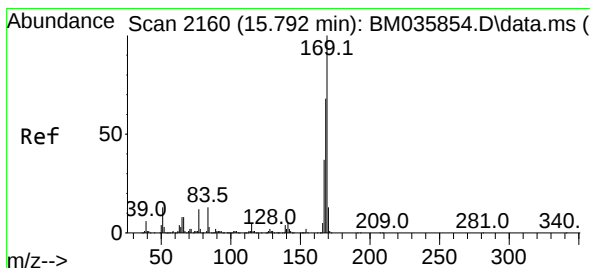
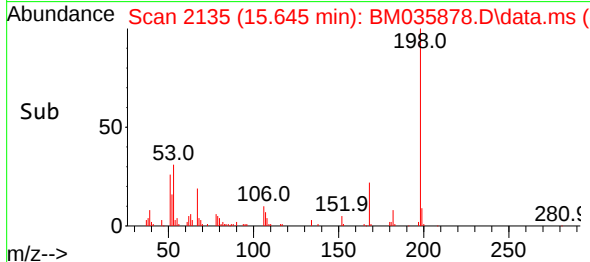
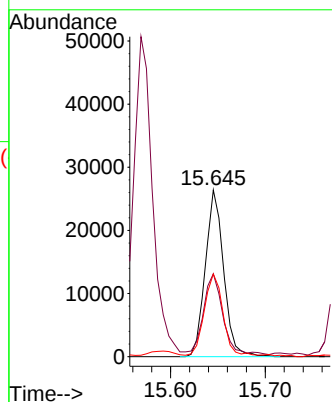
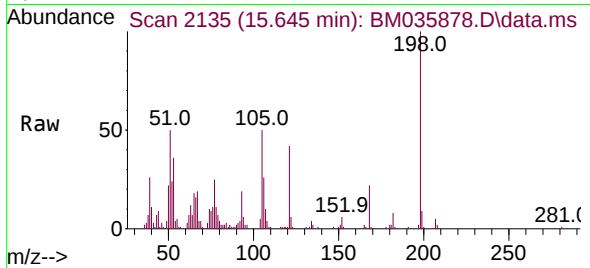




#65
4,6-Dinitro-2-methylphenol
Concen: 4.905 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

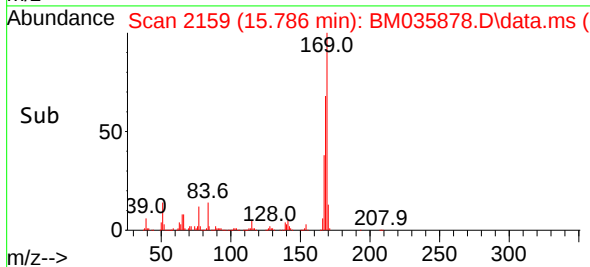
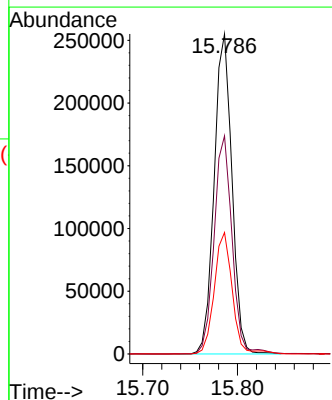
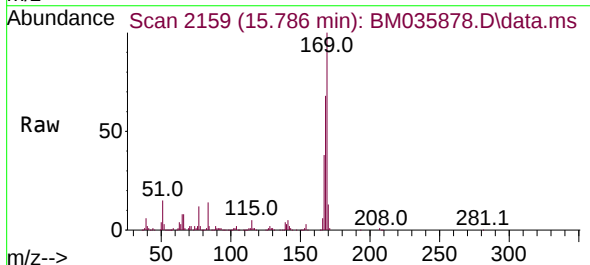
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

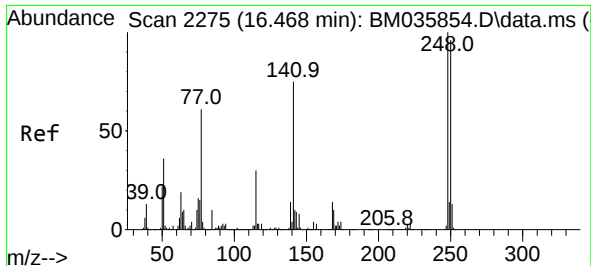
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.7	29.0	69.0
105	49.6	22.1	62.1



#66
n-Nitrosodiphenylamine
Concen: 7.869 ng
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.3	81.5
167	38.0	29.4	44.0

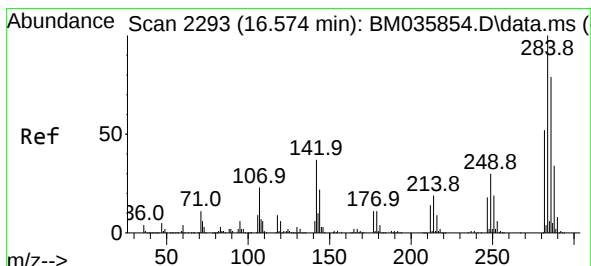
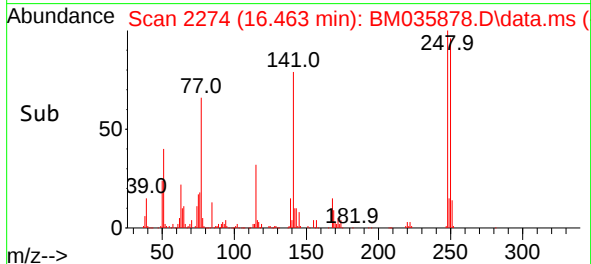
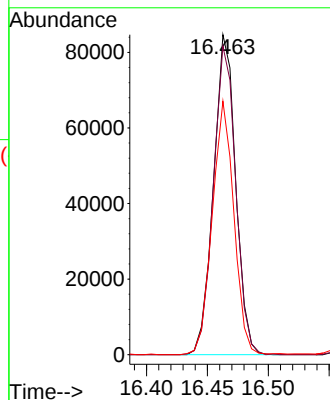
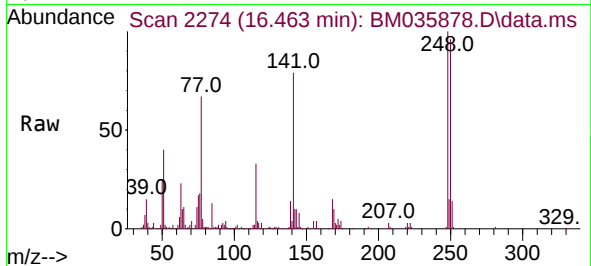




#67
4-Bromophenyl-phenylether
Concen: 7.411 ng
RT: 16.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

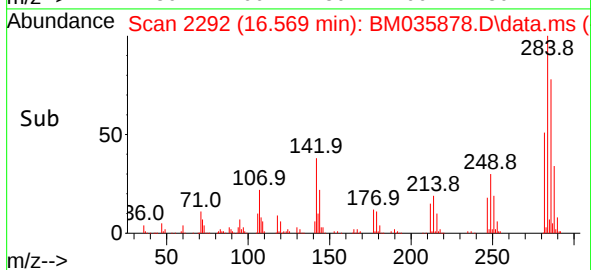
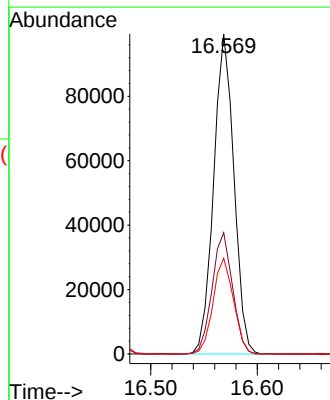
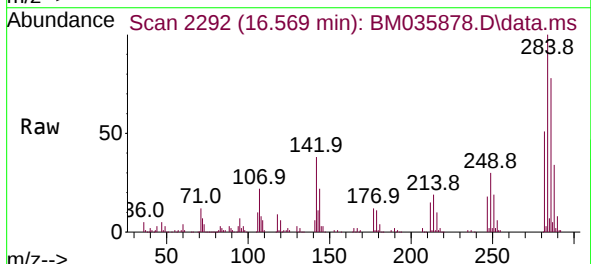
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

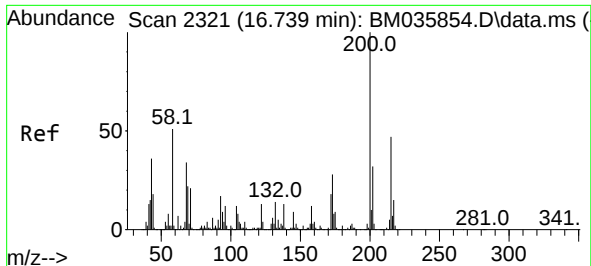
Tgt Ion:248 Resp: 107090
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 79.2 66.0 99.0



#68
Hexachlorobenzene
Concen: 7.809 ng
RT: 16.569 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:284 Resp: 130990
Ion Ratio Lower Upper
284 100
142 37.9 33.6 50.4
249 29.9 26.2 39.2

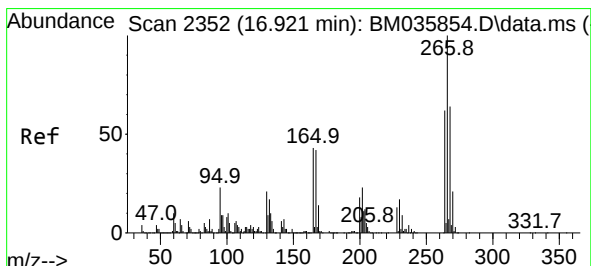
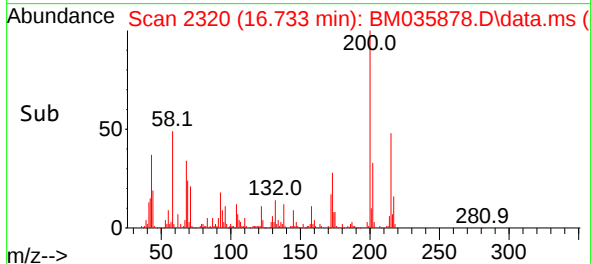
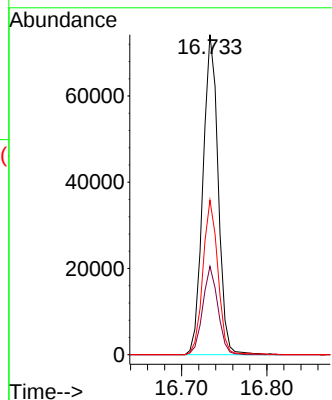
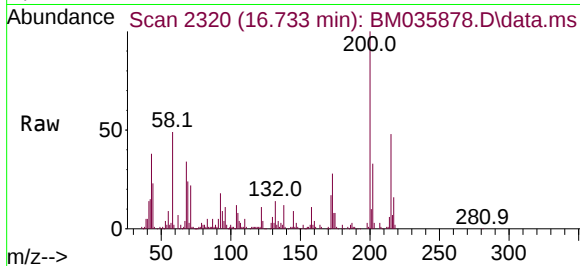




#69
Atrazine
Concen: 8.306 ng
RT: 16.733 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

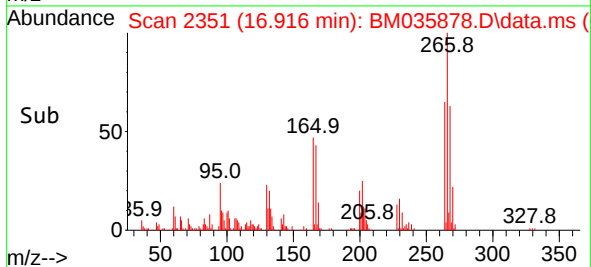
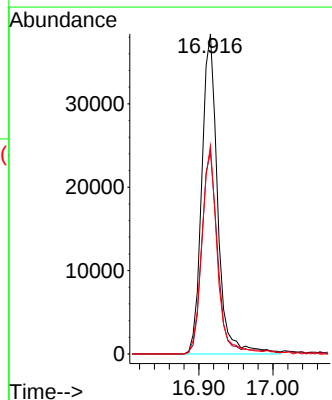
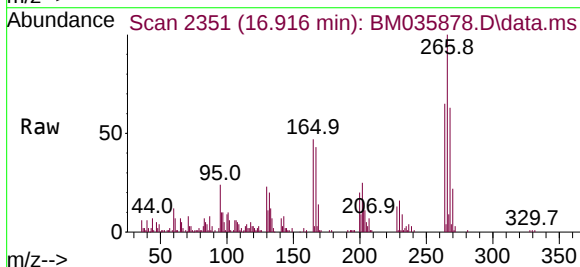
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

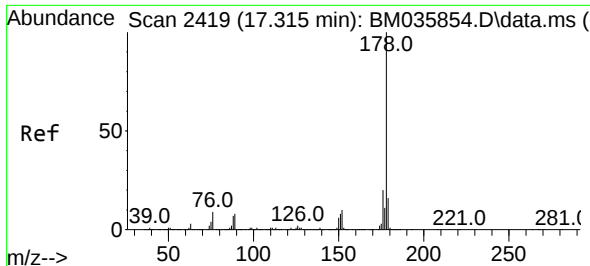
Tgt Ion:200 Resp: 92129
Ion Ratio Lower Upper
200 100
173 27.6 6.6 46.6
215 48.3 26.2 66.2



#70
Pentachlorophenol
Concen: 6.129 ng
RT: 16.916 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:266 Resp: 57049
Ion Ratio Lower Upper
266 100
268 63.1 51.9 77.9
264 65.1 50.6 76.0

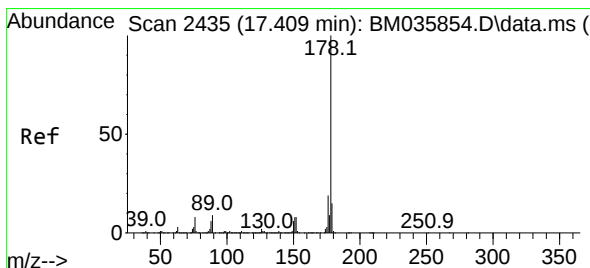
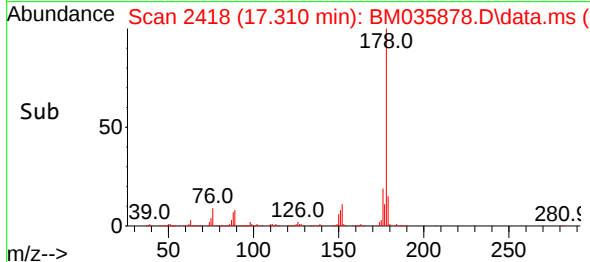
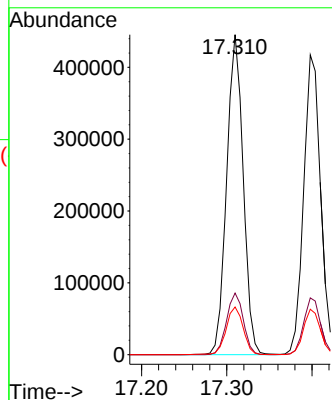
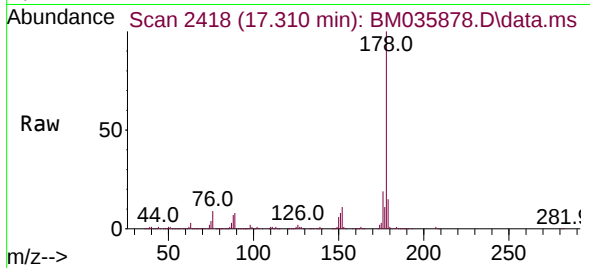




#71
Phenanthrene
Concen: 7.952 ng
RT: 17.310 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

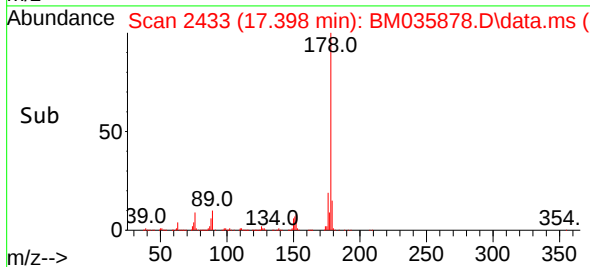
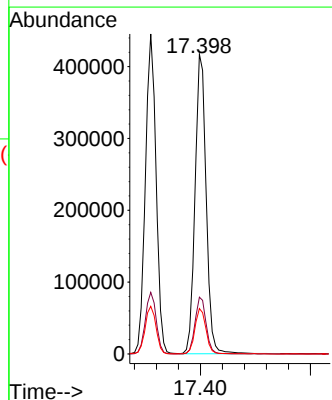
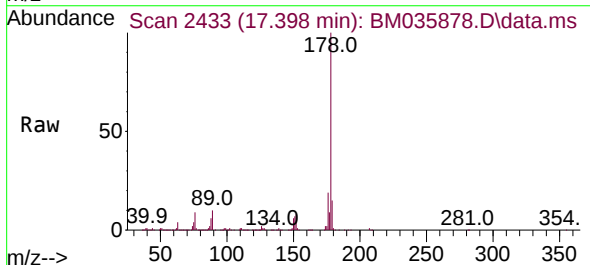
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

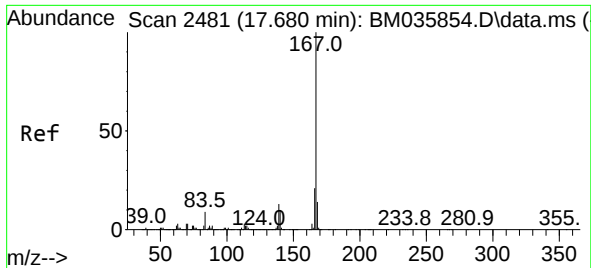
Tgt Ion:178 Resp: 601303
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 14.9 12.4 18.6



#72
Anthracene
Concen: 7.942 ng
RT: 17.398 min Scan# 2433
Delta R.T. -0.011 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:178 Resp: 583804
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.2 12.2 18.2

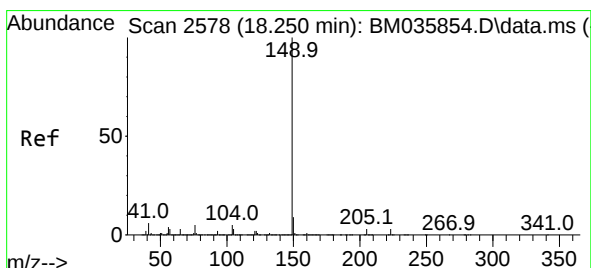
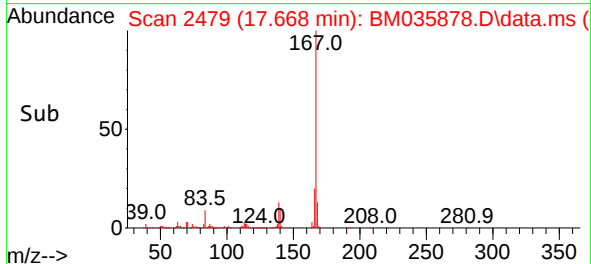
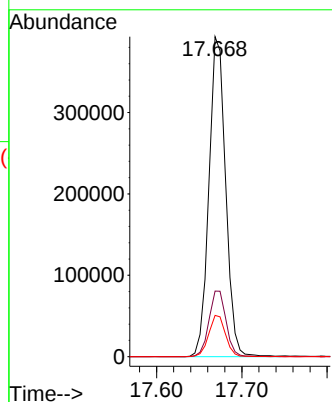
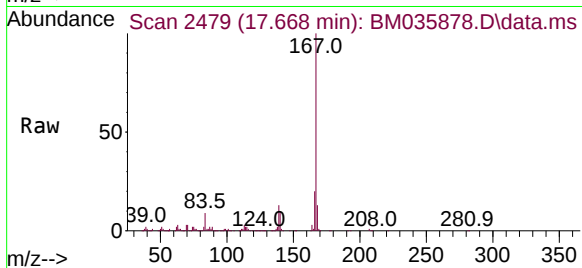




#73
 Carbazole
 Concen: 7.197 ng
 RT: 17.668 min Scan# 2481
 Delta R.T. -0.011 min
 Lab File: BM035878.D
 Acq: 20 Jul 2022 13:08

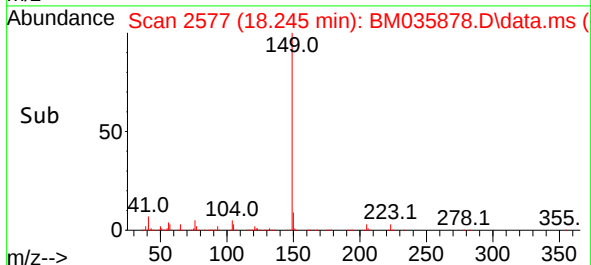
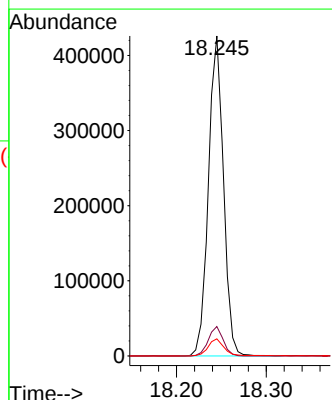
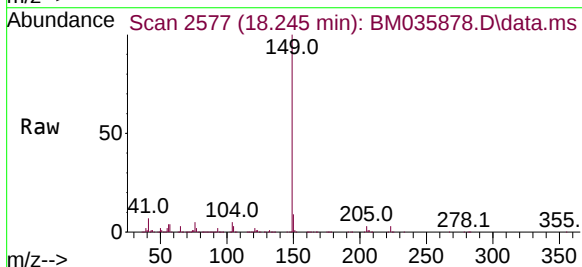
Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT2-2022

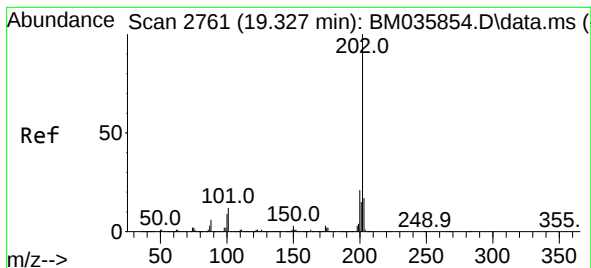
Tgt Ion:167 Resp: 536634
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.8 26.8
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 6.526 ng
 RT: 18.245 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BM035878.D
 Acq: 20 Jul 2022 13:08

Tgt Ion:149 Resp: 495426
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 7.103 ng

RT: 19.321 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

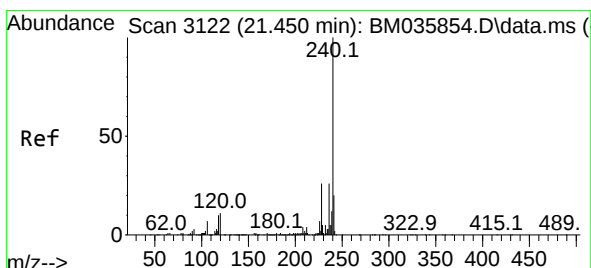
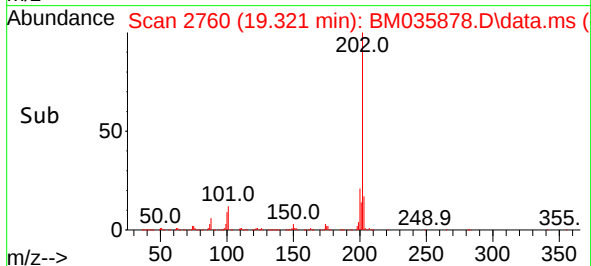
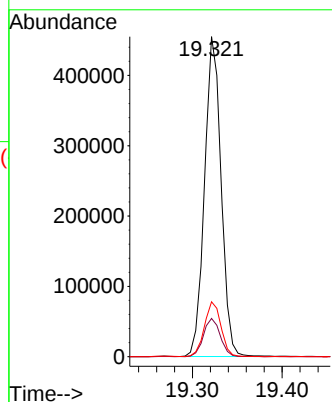
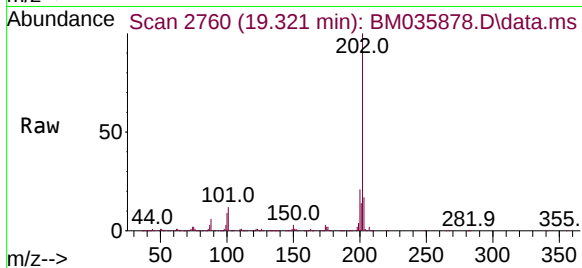
Tgt Ion:202 Resp: 583808

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.6

203 17.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

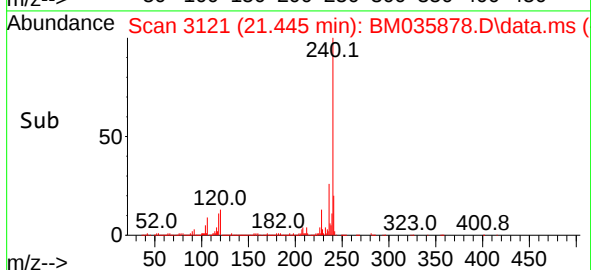
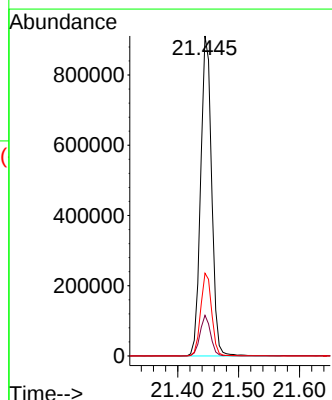
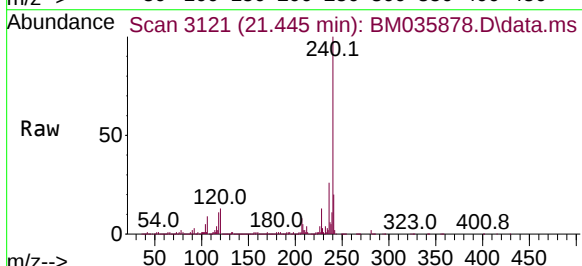
Tgt Ion:240 Resp: 1139223

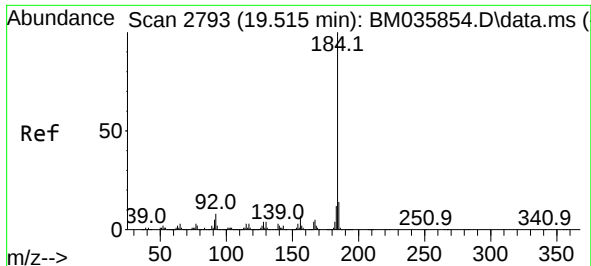
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.0

236 25.9 20.6 30.8

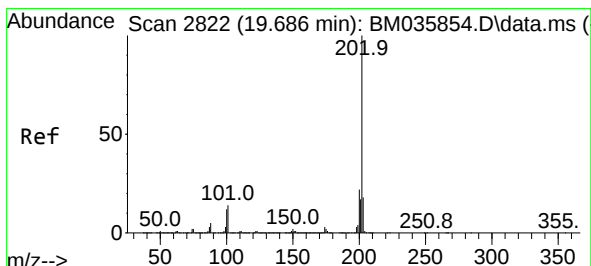
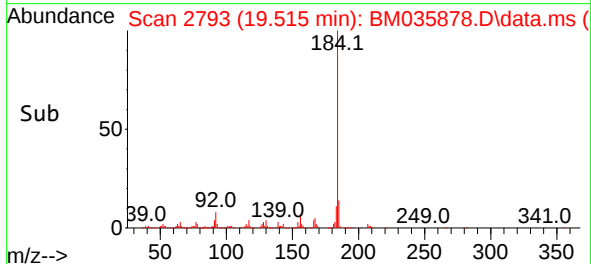
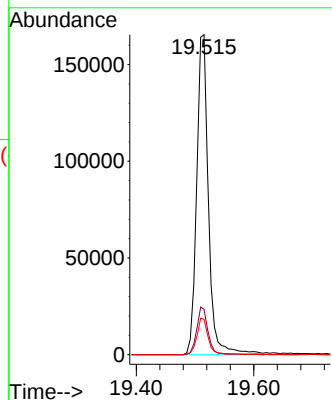
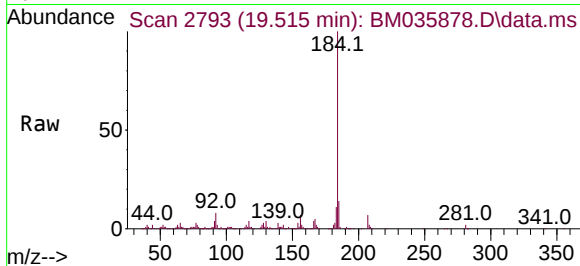




#77
Benzidine
Concen: 11.574 ng
RT: 19.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

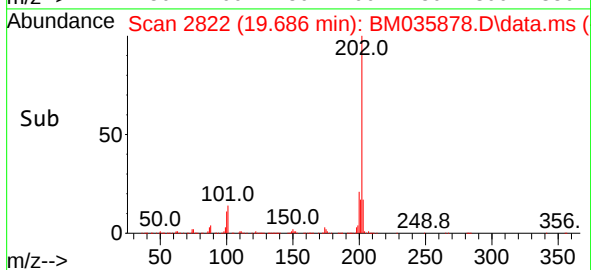
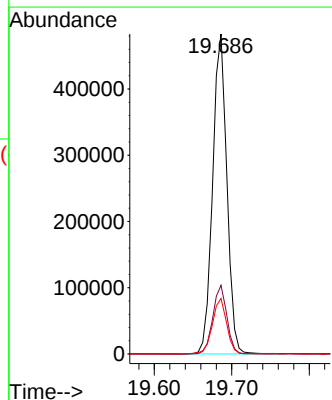
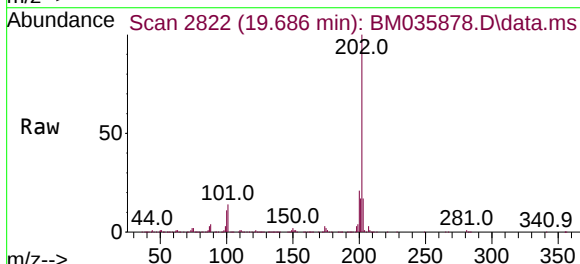
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

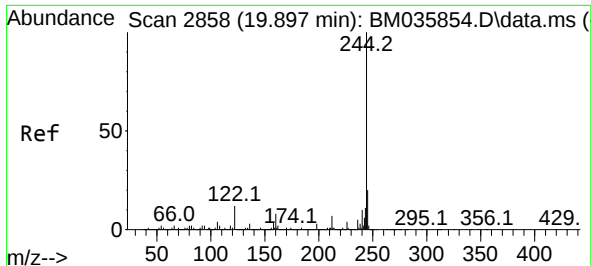
Tgt Ion:184 Resp: 231503
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.0 9.5 14.3



#78
Pyrene
Concen: 8.262 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:202 Resp: 615447
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.4 13.9 20.9

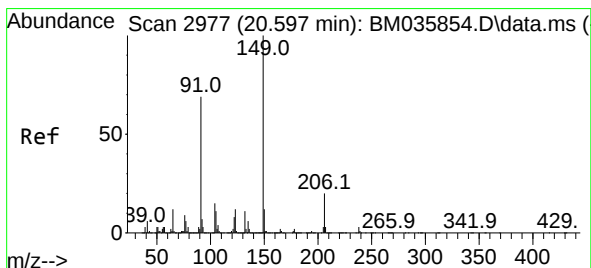
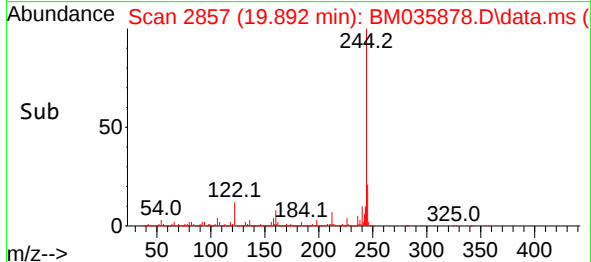
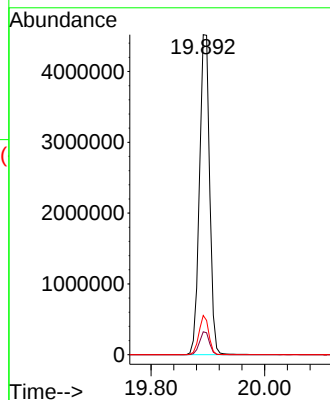
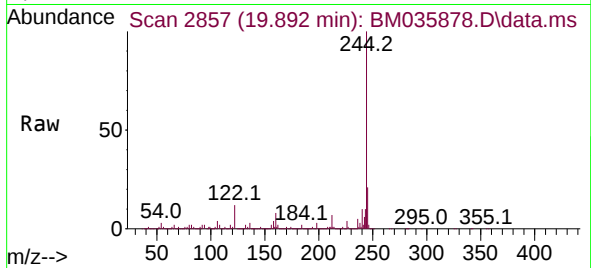




#79
 Terphenyl-d14
 Concen: 96.375 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035878.D
 Acq: 20 Jul 2022 13:08

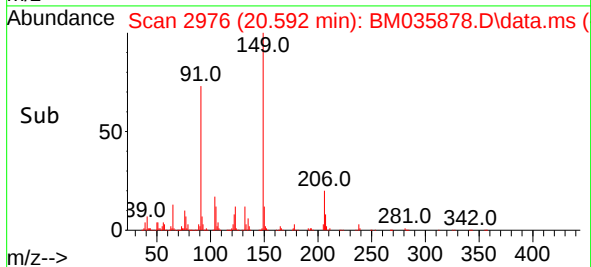
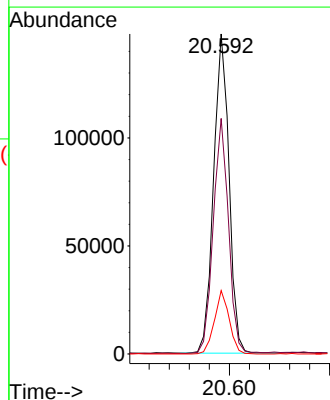
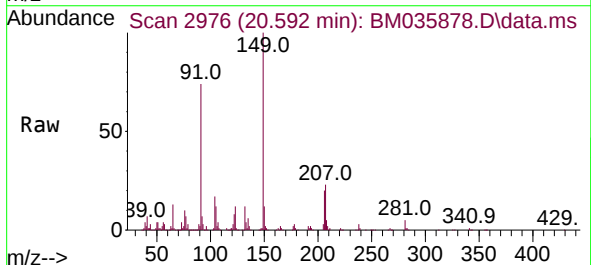
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2022

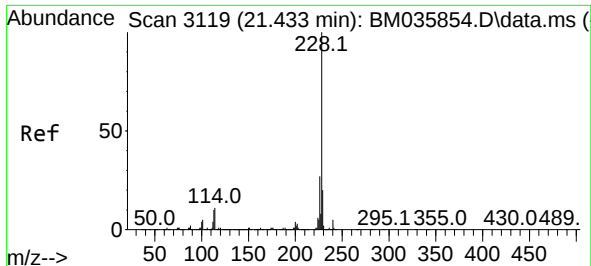
Tgt Ion:244 Resp: 5642939
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 12.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 5.917 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM035878.D
 Acq: 20 Jul 2022 13:08

Tgt Ion:149 Resp: 157327
 Ion Ratio Lower Upper
 149 100
 91 73.6 56.6 85.0
 206 19.8 15.4 23.0

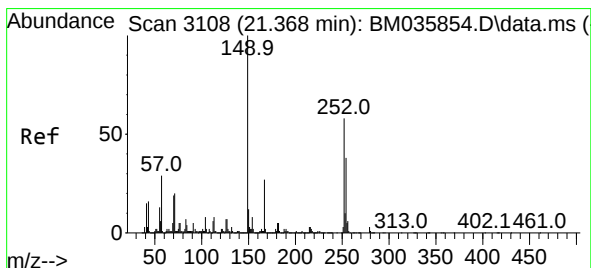
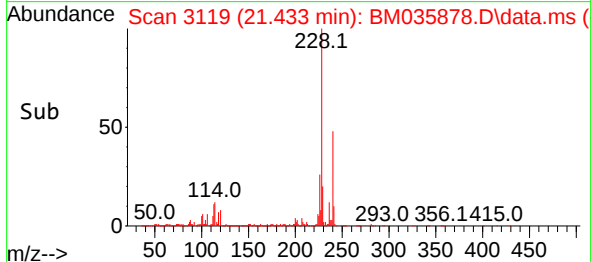
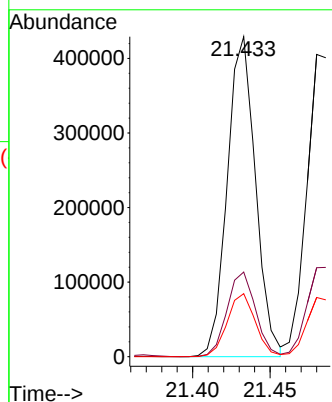
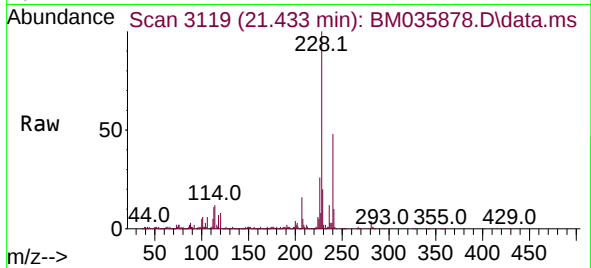




#81
Benzo(a)anthracene
Concen: 7.544 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

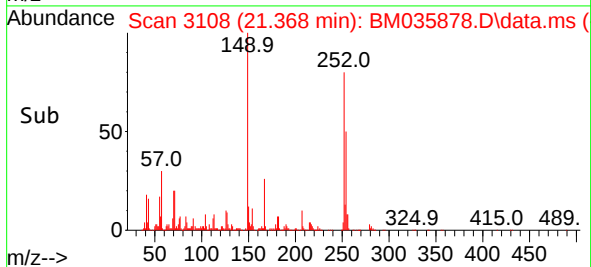
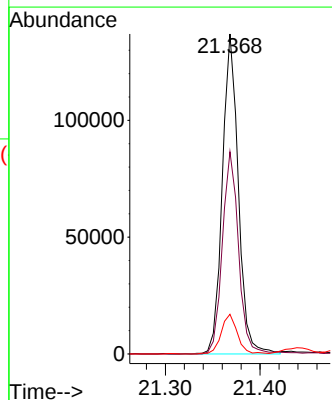
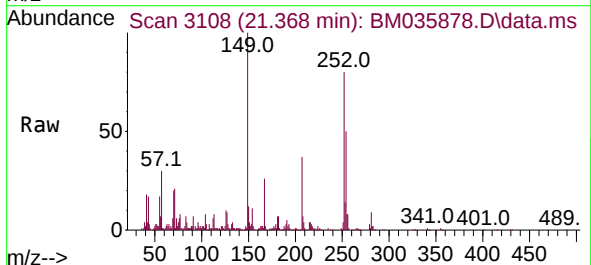
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

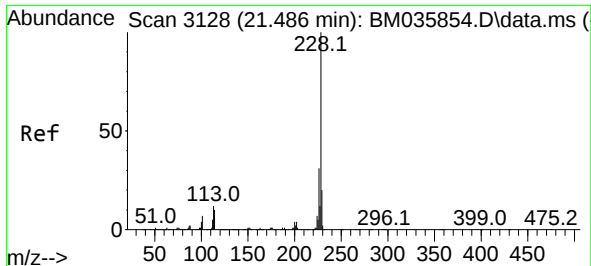
Tgt Ion:228 Resp: 544053
Ion Ratio Lower Upper
228 100
226 26.5 22.3 33.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.529 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:252 Resp: 160962
Ion Ratio Lower Upper
252 100
254 63.2 51.7 77.5
126 12.4 9.4 14.0





#83

Chrysene

Concen: 7.623 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

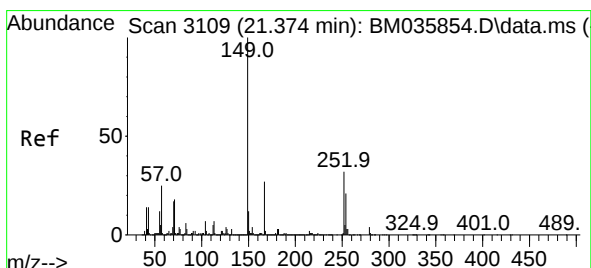
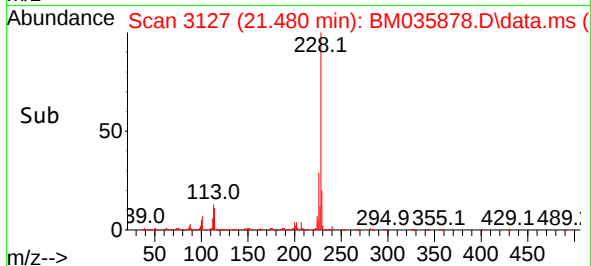
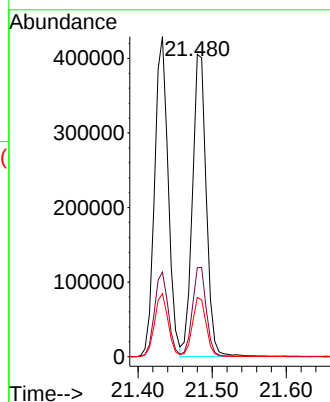
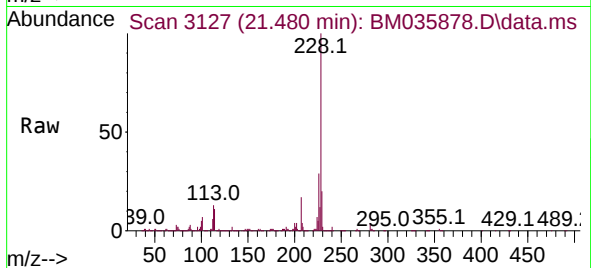
Tgt Ion:228 Resp: 524541

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.932 ng

RT: 21.374 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

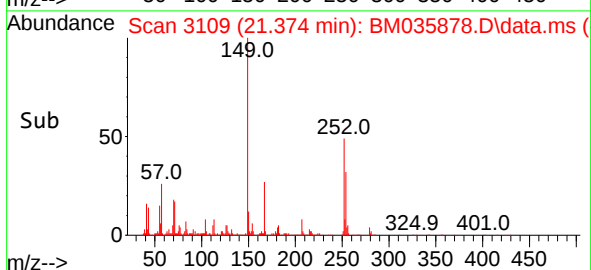
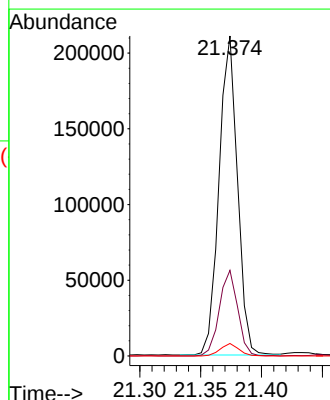
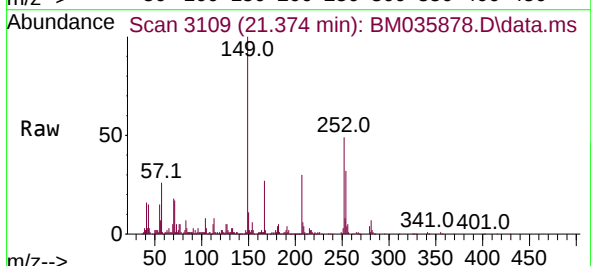
Tgt Ion:149 Resp: 222318

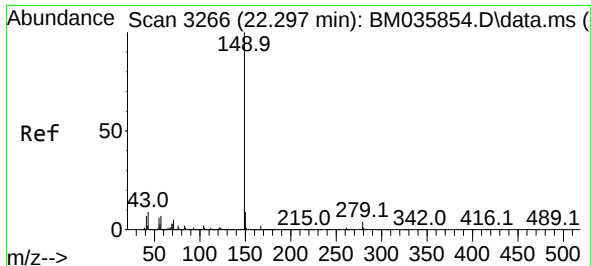
Ion Ratio Lower Upper

149 100

167 26.7 21.1 31.7

279 3.9 2.8 4.2

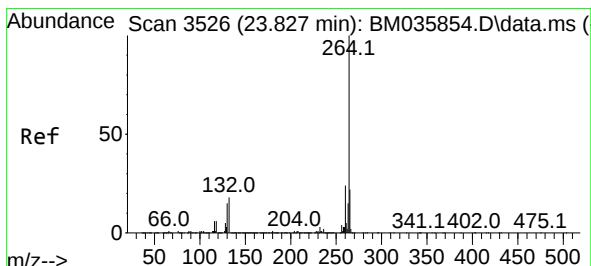
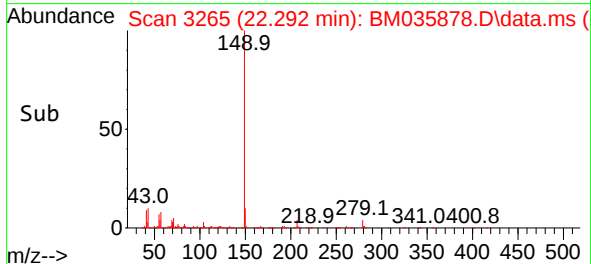
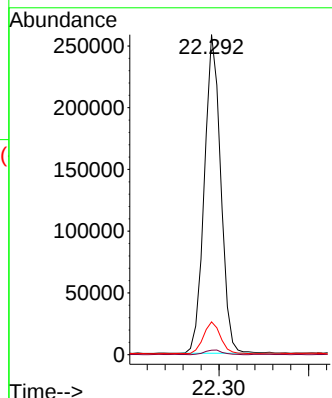
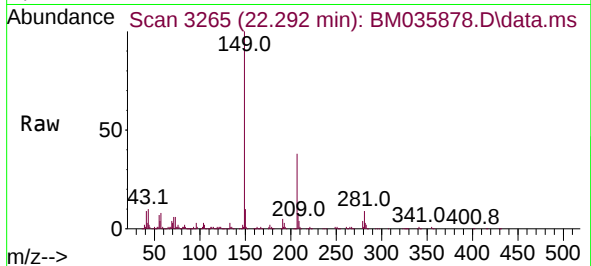




#85
Di-n-octyl phthalate
Concen: 5.501 ng
RT: 22.292 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

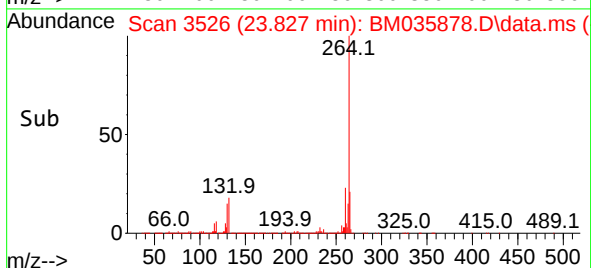
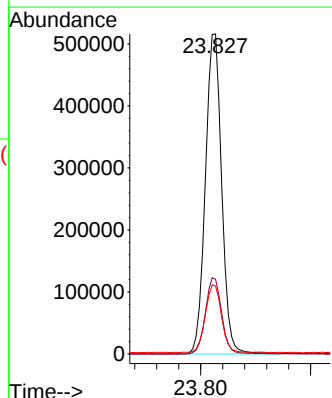
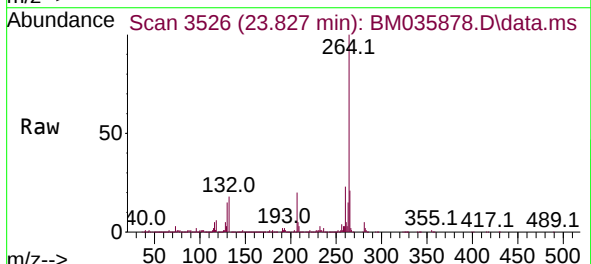
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

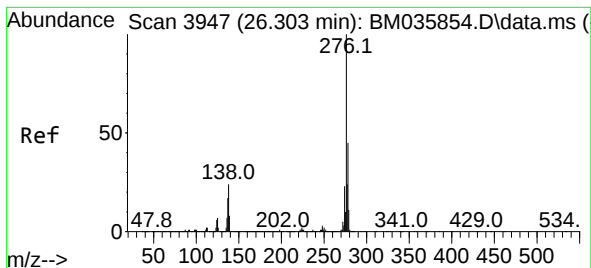
Tgt Ion:149 Resp: 327074
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:264 Resp: 1059076
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.960 ng

RT: 26.291 min Scan# 3410

Delta R.T. -0.011 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

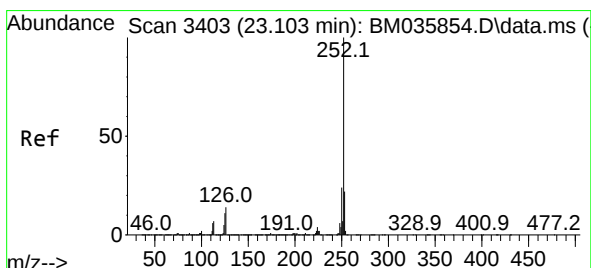
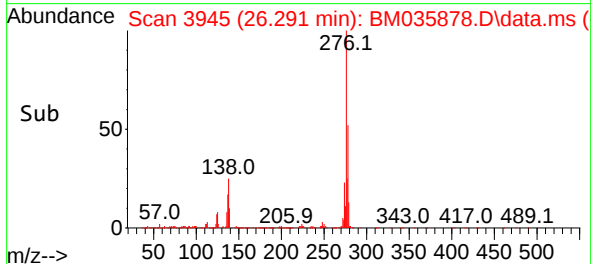
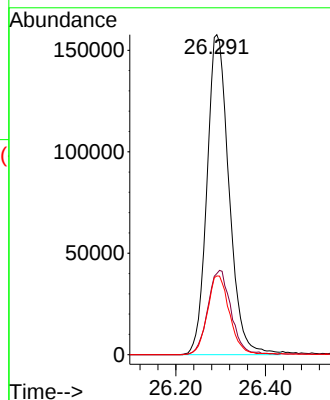
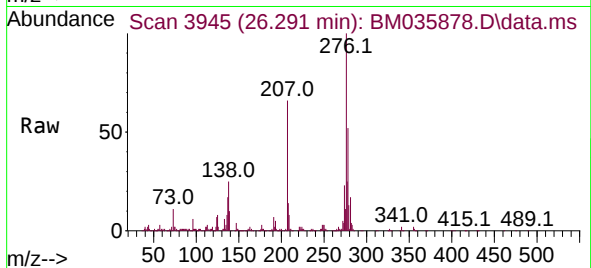
Tgt Ion:276 Resp: 538589

Ion Ratio Lower Upper

276 100

138 27.8 20.2 30.4

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 8.119 ng

RT: 23.145 min Scan# 3410

Delta R.T. 0.041 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

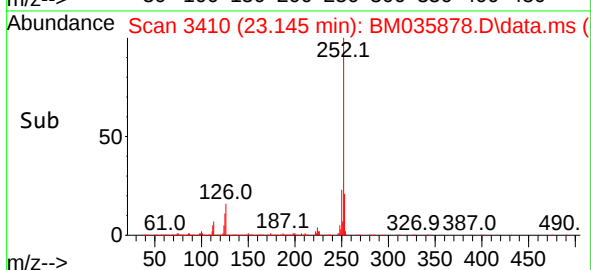
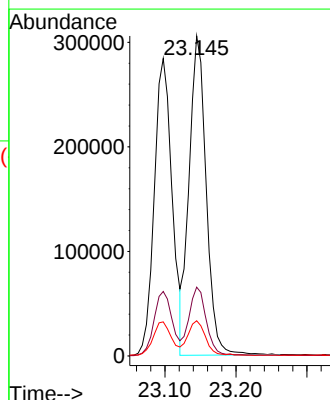
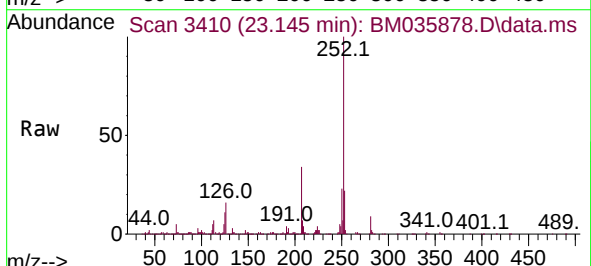
Tgt Ion:252 Resp: 511809

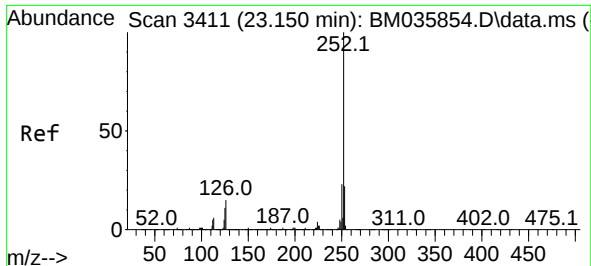
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.0 7.6 11.4

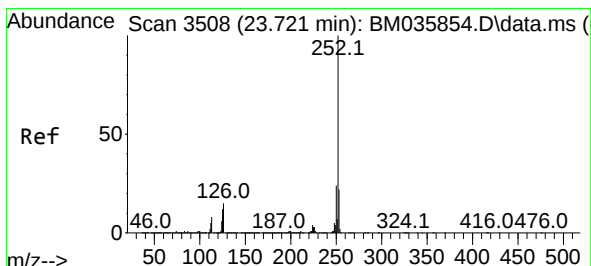
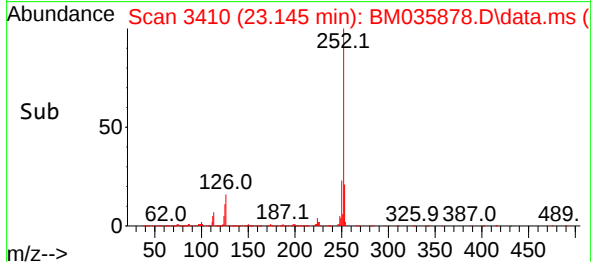
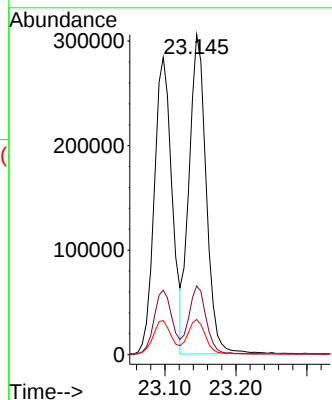
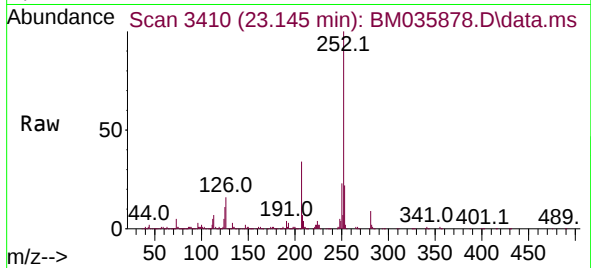




#89
Benzo(k)fluoranthene
Concen: 7.845 ng
RT: 23.145 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

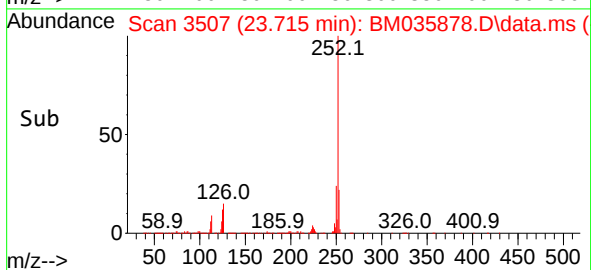
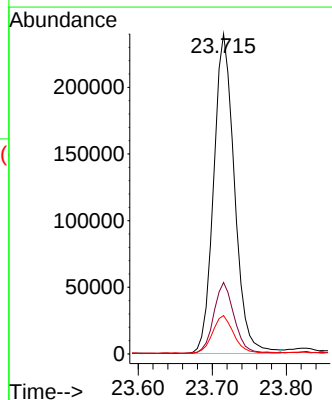
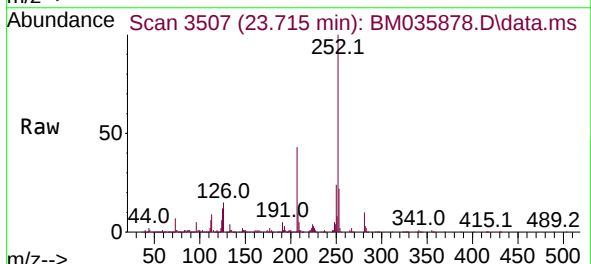
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

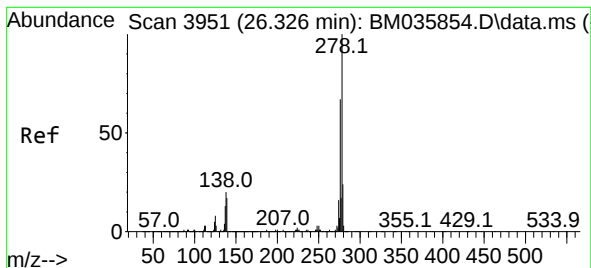
Tgt Ion:252 Resp: 511809
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 8.716 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM035878.D
Acq: 20 Jul 2022 13:08

Tgt Ion:252 Resp: 467679
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 7.423 ng

RT: 26.309 min Scan# 3948

Delta R.T. -0.017 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

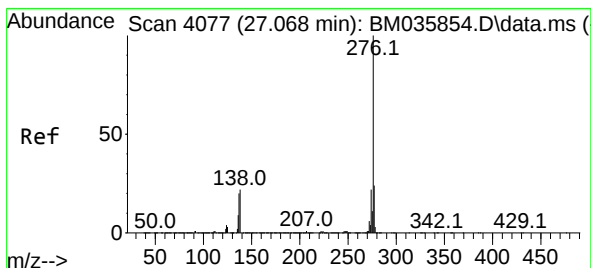
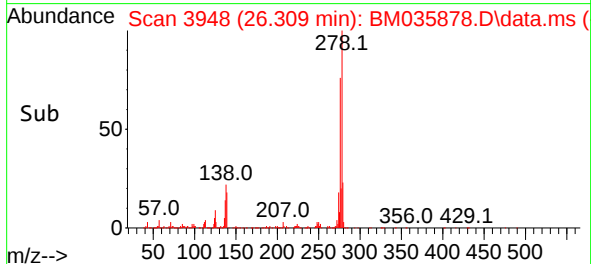
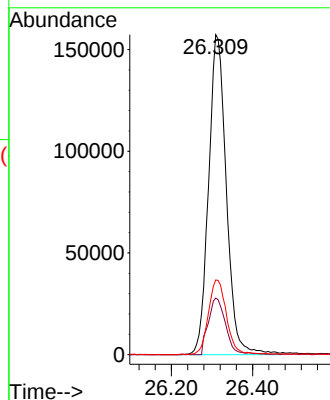
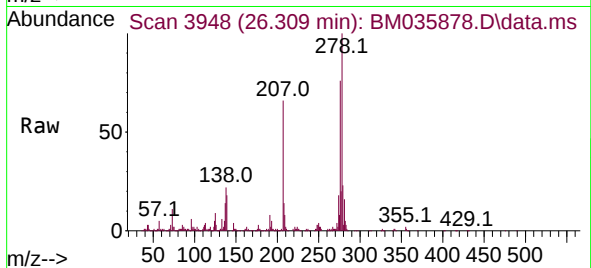
Tgt Ion:278 Resp: 477300

Ion Ratio Lower Upper

278 100

139 17.7 12.9 19.3

279 23.3 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 7.520 ng

RT: 27.044 min Scan# 4073

Delta R.T. -0.023 min

Lab File: BM035878.D

Acq: 20 Jul 2022 13:08

Tgt Ion:276 Resp: 476863

Ion Ratio Lower Upper

276 100

277 22.5 18.7 28.1

138 21.9 17.6 26.4

