

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047171.D
 Acq On : 13 Aug 2024 12:21
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 13 13:00:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	211102	20.000	ng	0.00
21) Naphthalene-d8	10.127	136	881353	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	578630	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1258334	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1205514	20.000	ng	0.00
86) Perylene-d12	23.715	264	1467419	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1511117	127.906	ng	0.00
7) Phenol-d6	6.581	99	2078448	127.676	ng	0.00
23) Nitrobenzene-d5	8.516	82	1509718	86.253	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	881506	131.386	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3113659	83.005	ng	0.00
79) Terphenyl-d14	19.456	244	4757776	84.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	23639	4.829	ng	97
3) Pyridine	3.422	79	52562	3.662	ng	96
4) n-Nitrosodimethylamine	3.334	42	26754	4.266	ng	# 89
6) Aniline	6.722	93	77314	5.025	ng	98
8) 2-Chlorophenol	6.945	128	55684	4.321	ng	97
9) Benzaldehyde	6.534	77	53036	4.141	ng	97
10) Phenol	6.604	94	67776	4.172	ng	91
11) bis(2-Chloroethyl)ether	6.822	93	57868	4.160	ng	100
12) 1,3-Dichlorobenzene	7.257	146	63045	4.117	ng	96
13) 1,4-Dichlorobenzene	7.404	146	64362	4.152	ng	97
14) 1,2-Dichlorobenzene	7.716	146	62791	4.293	ng	96
15) Benzyl Alcohol	7.622	79	41858	3.613	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.892	45	84098	4.711	ng	98
17) 2-Methylphenol	7.828	107	42294	3.903	ng	98
18) Hexachloroethane	8.422	117	23199	3.863	ng	91
19) n-Nitroso-di-n-propyla...	8.175	70	46563	4.246	ng	91
20) 3+4-Methylphenols	8.157	107	58641	3.871	ng	98
22) Acetophenone	8.186	105	95036	4.467	ng	96
24) Nitrobenzene	8.557	77	77900	4.420	ng	100
25) Isophorone	9.080	82	119736	3.929	ng	99
26) 2-Nitrophenol	9.263	139	24292	3.112	ng	# 90
27) 2,4-Dimethylphenol	9.339	122	32486	3.553	ng	97
28) bis(2-Chloroethoxy)met...	9.569	93	78822	4.110	ng	99
29) 2,4-Dichlorophenol	9.792	162	46713	3.443	ng	95
30) 1,2,4-Trichlorobenzene	9.992	180	60574	3.945	ng	98
31) Naphthalene	10.175	128	180225	4.105	ng	98
32) Benzoic acid	9.428	122	19414	1.828	ng	95
33) 4-Chloroaniline	10.304	127	67478	3.997	ng	99
34) Hexachlorobutadiene	10.463	225	32714	3.640	ng	91
35) Caprolactam	11.086	113	13772	2.923	ng	92
36) 4-Chloro-3-methylphenol	11.445	107	48730	3.373	ng	98
37) 2-Methylnaphthalene	11.804	142	123890	3.963	ng	98
38) 1-Methylnaphthalene	12.027	142	120619	3.904	ng	100
40) 1,2,4,5-Tetrachloroben...	12.180	216	60617	3.841	ng	98
41) Hexachlorocyclopentadiene	12.157	237	20841	3.782	ng	100
43) 2,4,6-Trichlorophenol	12.439	196	36593	3.262	ng	96

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Quant Time: Aug 13 13:00:02 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
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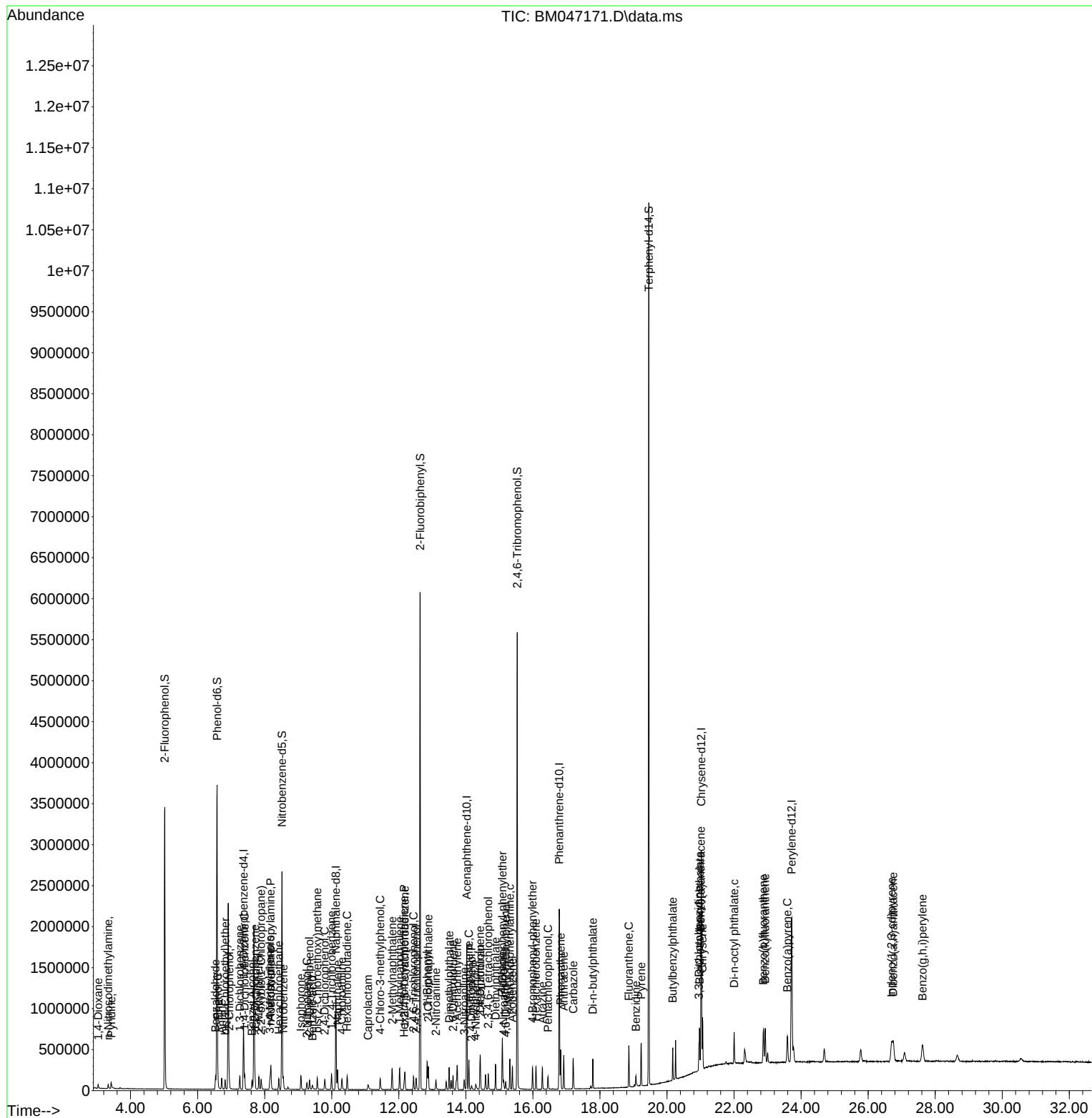
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	38653	3.103	ng	98
46) 1,1'-Biphenyl	12.845	154	173900	4.222	ng	98
47) 2-Chloronaphthalene	12.880	162	132701	4.122	ng	97
48) 2-Nitroaniline	13.110	65	33399	3.311	ng	89
49) Acenaphthylene	13.745	152	203542	4.289	ng	99
50) Dimethylphthalate	13.504	163	163327	4.042	ng	99
51) 2,6-Dinitrotoluene	13.621	165	31146	3.297	ng	100
52) Acenaphthene	14.092	154	122032	4.054	ng	98
53) 3-Nitroaniline	13.957	138	31549	3.333	ng	99
54) 2,4-Dinitrophenol	14.168	184	10799	1.907	ng	96
55) Dibenzofuran	14.433	168	204987	4.311	ng	99
56) 4-Nitrophenol	14.298	139	22309	2.733	ng	94
57) 2,4-Dinitrotoluene	14.421	165	39736	3.151	ng	# 82
58) Fluorene	15.086	166	159117	4.055	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.668	232	36016	3.518	ng	96
60) Diethylphthalate	14.886	149	159071	3.855	ng	96
61) 4-Chlorophenyl-phenyle...	15.092	204	75828	4.059	ng	98
62) 4-Nitroaniline	15.127	138	27371	2.935	ng	86
63) Azobenzene	15.386	77	160475	4.101	ng	98
65) 4,6-Dinitro-2-methylph...	15.192	198	17995	2.443	ng	93
66) n-Nitrosodiphenylamine	15.315	169	136031	3.969	ng	98
67) 4-Bromophenyl-phenylether	15.992	248	42899	3.538	ng	96
68) Hexachlorobenzene	16.092	284	54791	3.773	ng	95
69) Atrazine	16.286	200	42690	4.139	ng	97
70) Pentachlorophenol	16.451	266	27191	2.671	ng	98
71) Phenanthrene	16.827	178	267919	4.243	ng	99
72) Anthracene	16.921	178	247918	4.035	ng	100
73) Carbazole	17.203	167	241073	3.842	ng	98
74) Di-n-butylphthalate	17.792	149	254346	3.484	ng	99
75) Fluoranthene	18.862	202	287216	3.739	ng	99
77) Benzidine	19.074	184	89750	4.390	ng	98
78) Pyrene	19.233	202	304939	3.543	ng	99
80) Butylbenzylphthalate	20.174	149	108041	3.076	ng	97
81) Benzo(a)anthracene	21.009	228	314926	3.935	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	95418	3.811	ng	# 98
83) Chrysene	21.062	228	305786	4.027	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	158726	3.186	ng	100
85) Di-n-octyl phthalate	22.003	149	245976	2.905	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.697	276	374205	3.945	ng	# 93
88) Benzo(b)fluoranthene	22.874	252	321547	3.690	ng	98
89) Benzo(k)fluoranthene	22.927	252	315275	3.830	ng	99
90) Benzo(a)pyrene	23.591	252	281806	3.733	ng	# 97
91) Dibenzo(a,h)anthracene	26.750	278	312061	4.065	ng	98
92) Benzo(g,h,i)perylene	27.620	276	307588	3.859	ng	97

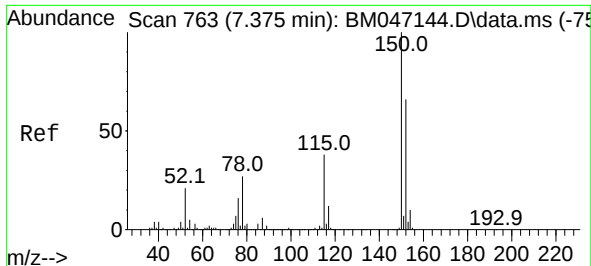
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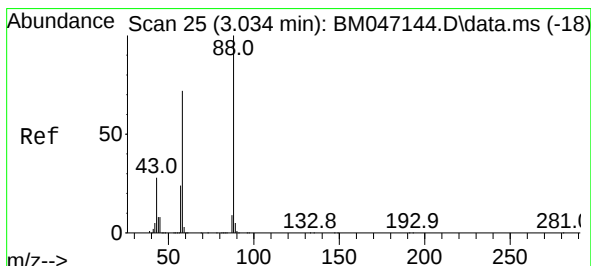
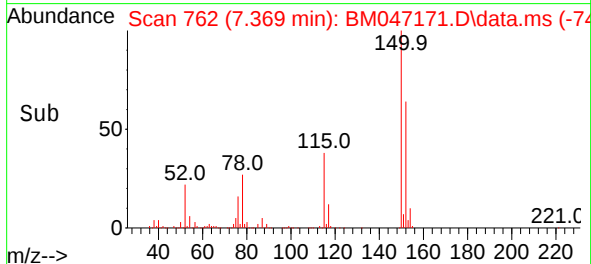
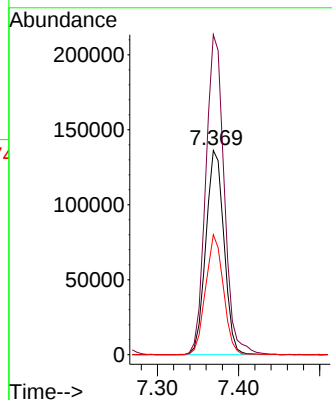
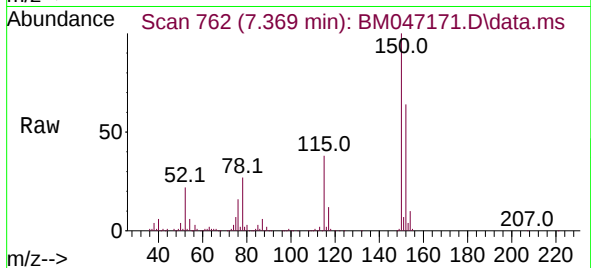




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047171.D
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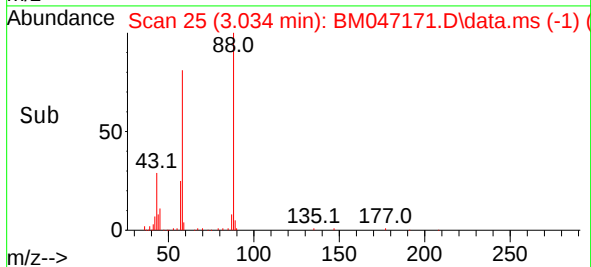
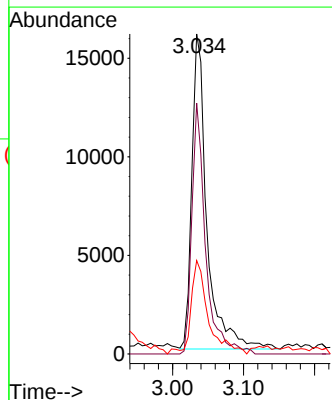
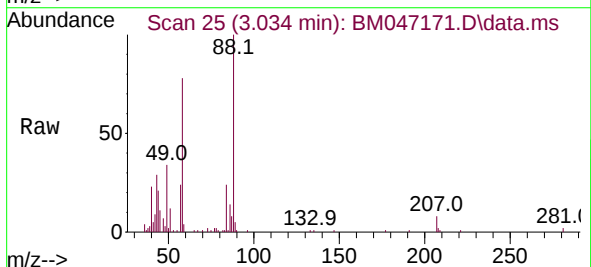
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BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

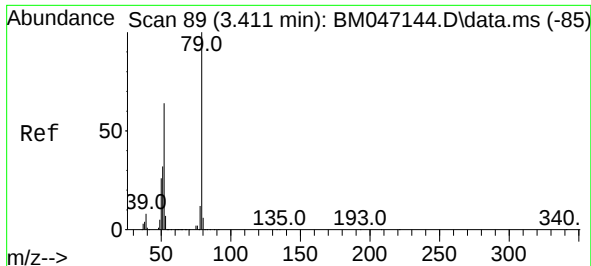
Tgt Ion:152 Resp: 211102
Ion Ratio Lower Upper
152 100
150 156.6 120.5 180.7
115 58.7 45.5 68.3



#2
1,4-Dioxane
Concen: 4.829 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 88 Resp: 23639
Ion Ratio Lower Upper
88 100
58 72.3 58.2 87.4
43 33.7 22.5 33.7





#3

Pyridine

Concen: 3.662 ng

RT: 3.422 min Scan# 91

Delta R.T. 0.011 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

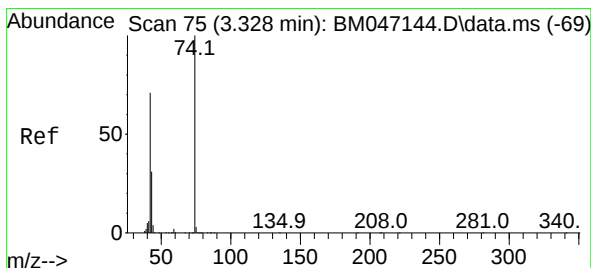
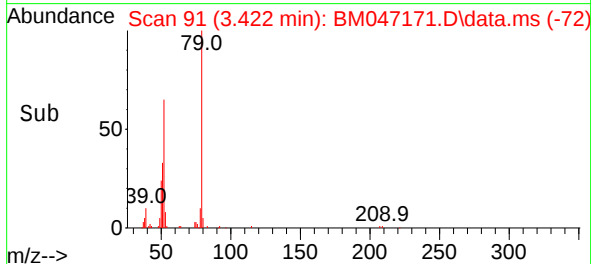
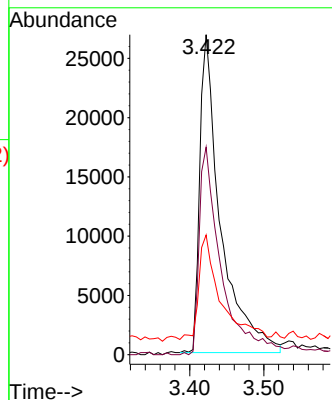
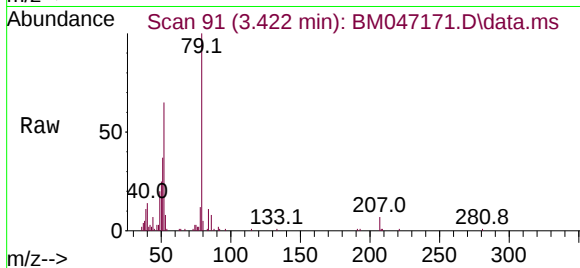
Tgt Ion: 79 Resp: 52562

Ion Ratio Lower Upper

79 100

52 64.9 51.2 76.8

51 37.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 4.266 ng

RT: 3.334 min Scan# 76

Delta R.T. 0.006 min

Lab File: BM047171.D

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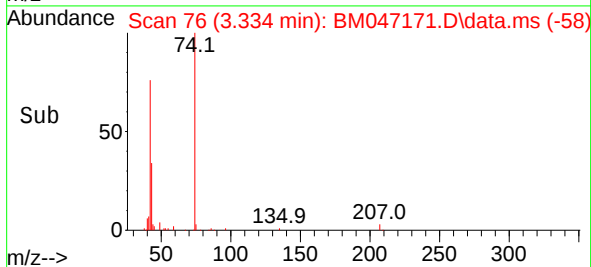
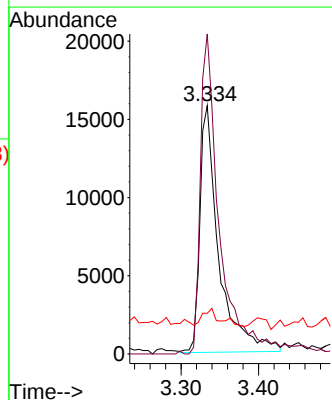
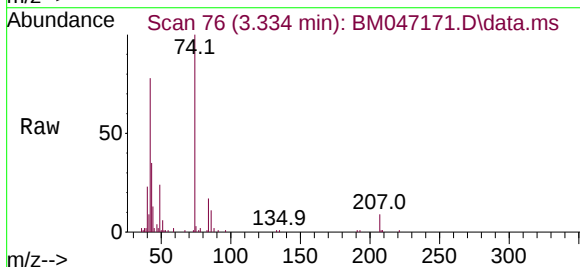
Tgt Ion: 42 Resp: 26754

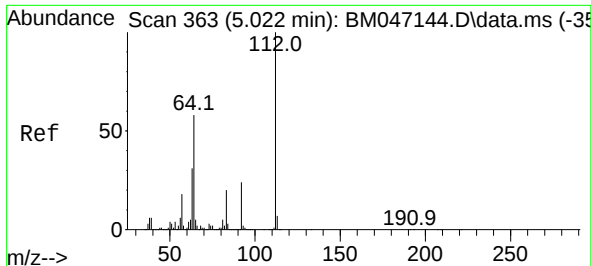
Ion Ratio Lower Upper

42 100

74 128.8 112.9 169.3

44 16.4 5.3 7.9#

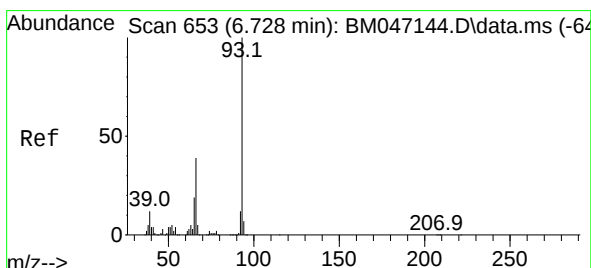
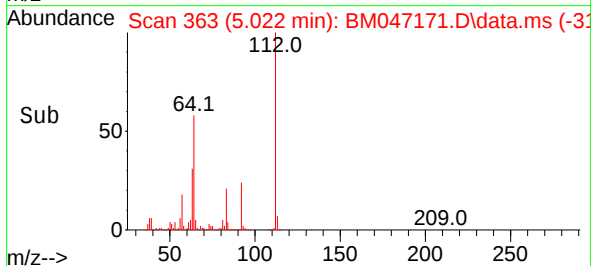
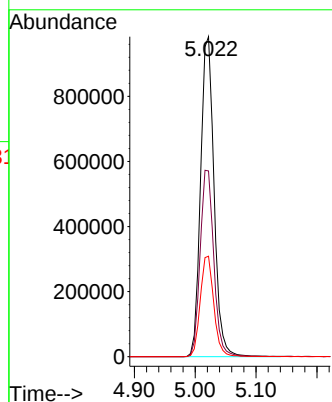
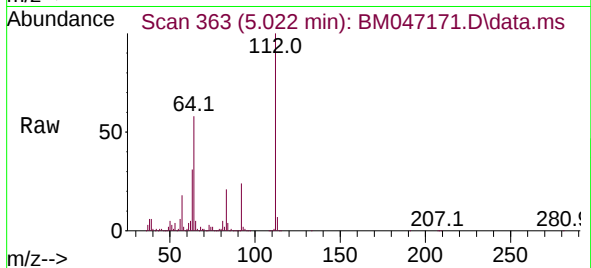




#5
2-Fluorophenol
Concen: 127.906 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

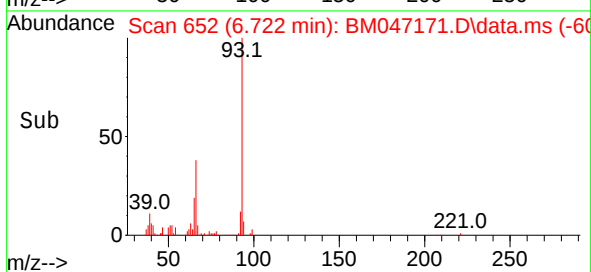
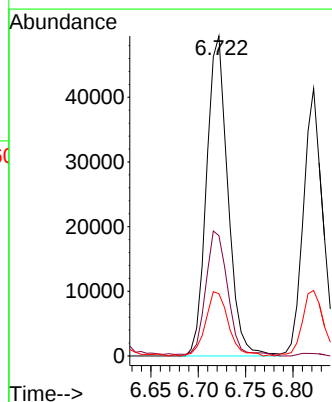
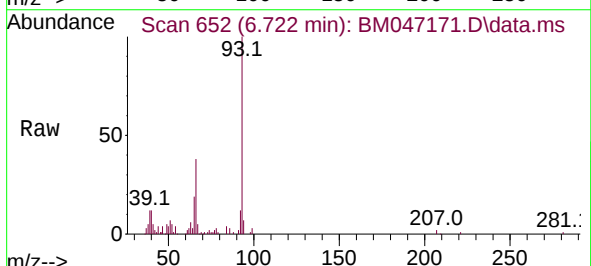
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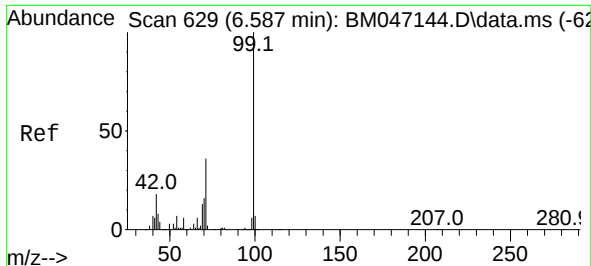
Tgt Ion:112 Resp: 1511117
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 31.4 24.8 37.2



#6
Aniline
Concen: 5.025 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047171.D
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Tgt Ion: 93 Resp: 77314
Ion Ratio Lower Upper
93 100
66 37.6 31.4 47.2
65 19.4 15.6 23.4

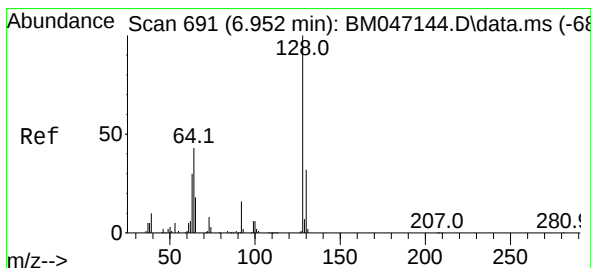
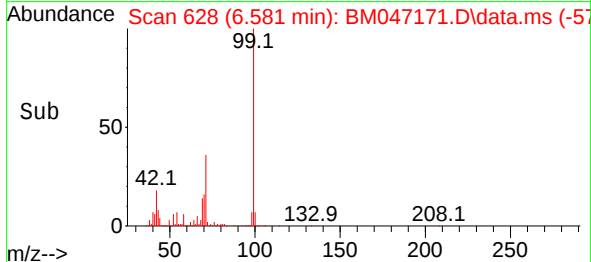
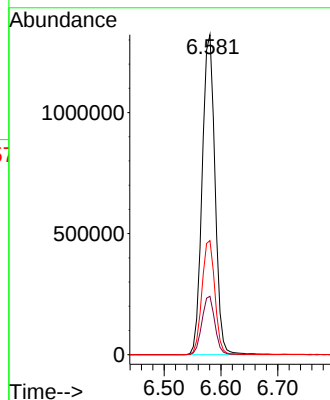
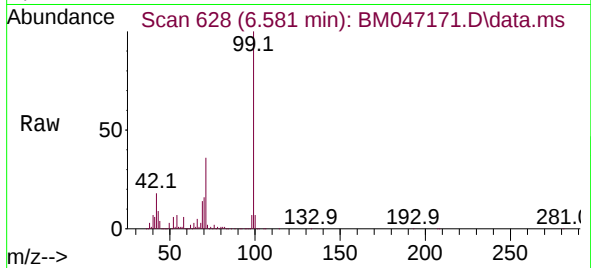




#7
Phenol-d6
Concen: 127.676 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

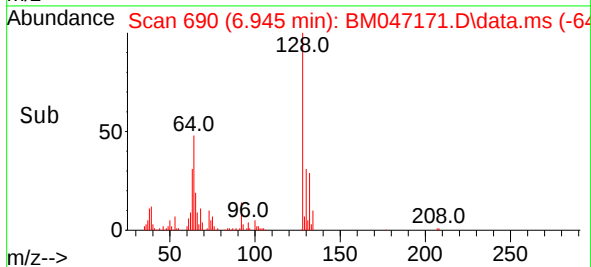
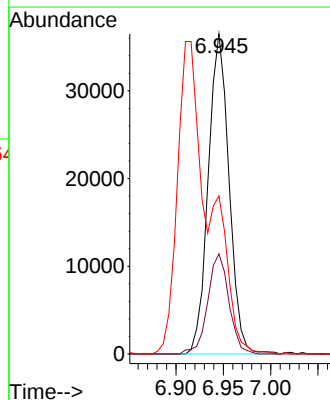
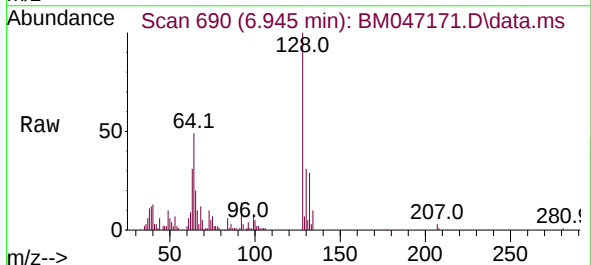
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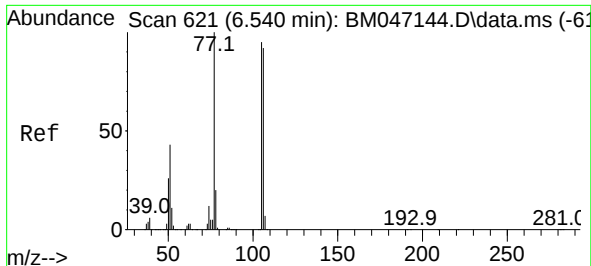
Tgt Ion: 99 Resp: 2078448
Ion Ratio Lower Upper
99 100
42 18.2 14.1 21.1
71 35.7 28.5 42.7



#8
2-Chlorophenol
Concen: 4.321 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 128 Resp: 55684
Ion Ratio Lower Upper
128 100
130 31.3 12.1 52.1
64 49.4 26.6 66.6

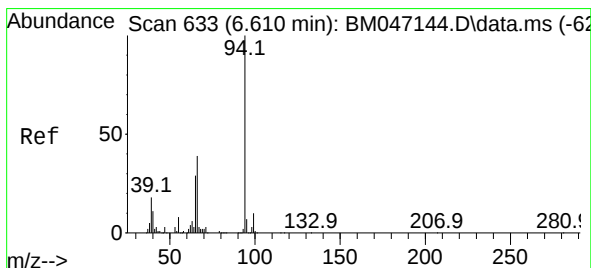
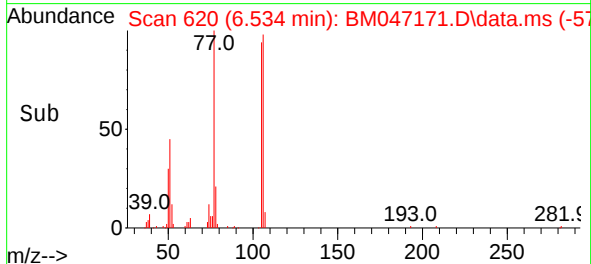
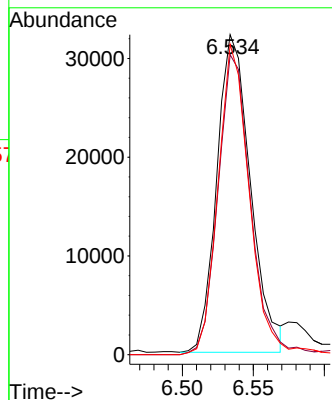
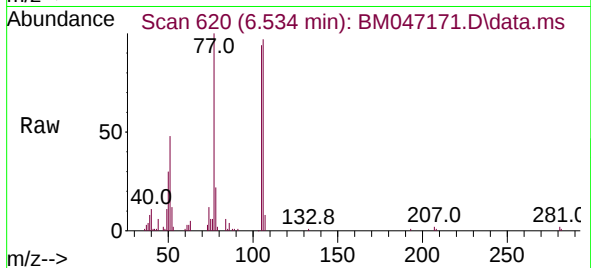




#9
Benzaldehyde
Concen: 4.141 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047171.D
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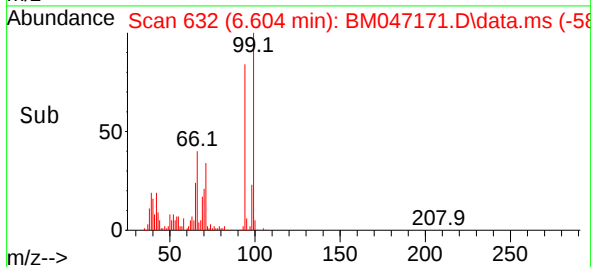
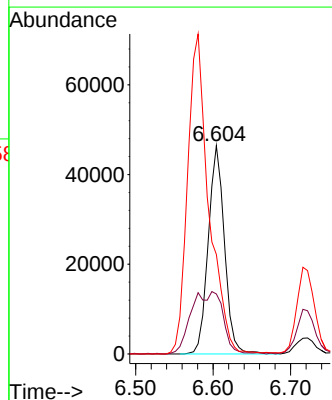
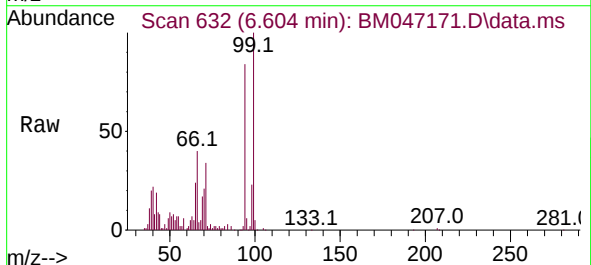
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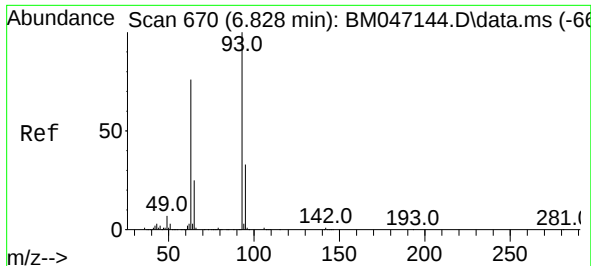
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Ion Ratio Lower Upper
77 100
105 93.8 74.5 114.5
106 97.0 72.3 112.3



#10
Phenol
Concen: 4.172 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 94 Resp: 67776
Ion Ratio Lower Upper
94 100
65 28.8 9.0 49.0
66 47.8 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 4.160 ng

RT: 6.822 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

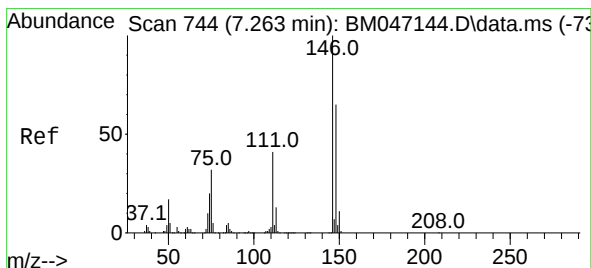
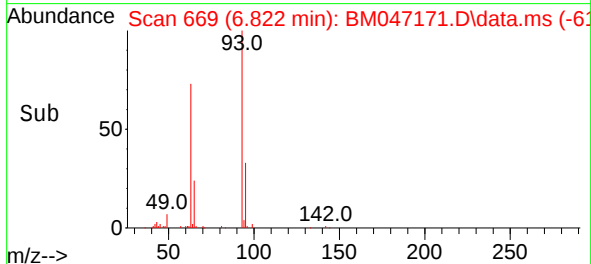
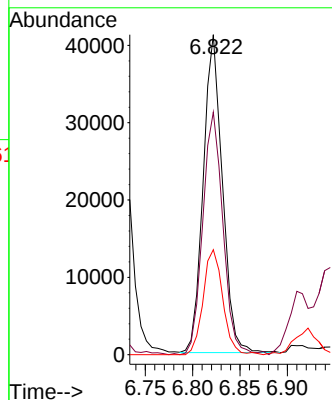
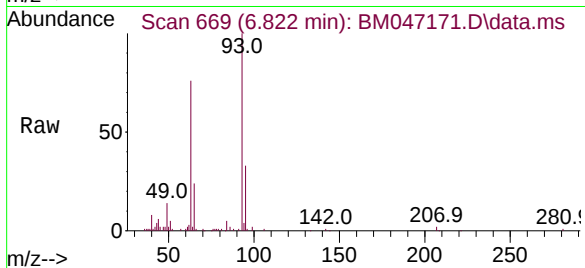
Tgt Ion: 93 Resp: 57868

Ion Ratio Lower Upper

93 100

63 75.8 55.8 95.8

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 4.117 ng

RT: 7.257 min Scan# 743

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

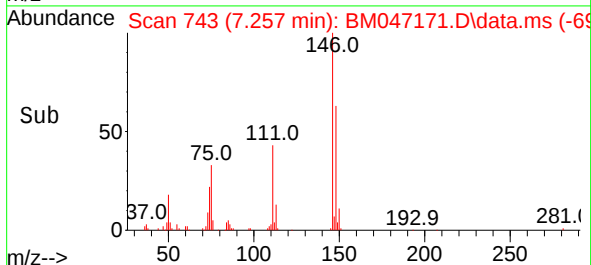
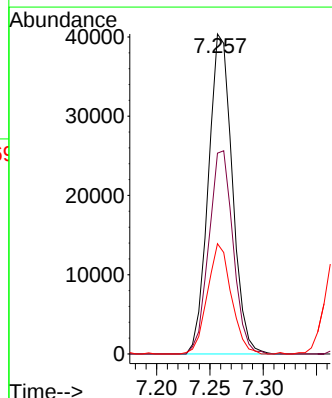
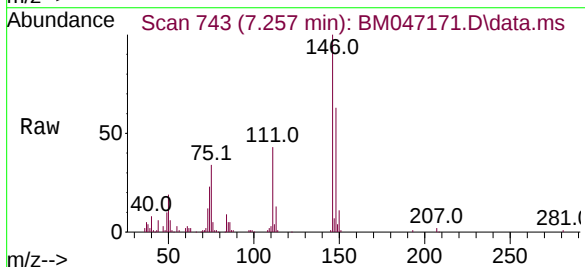
Tgt Ion: 146 Resp: 63045

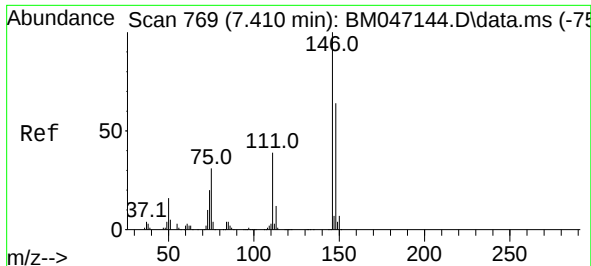
Ion Ratio Lower Upper

146 100

148 62.8 52.3 78.5

75 34.5 25.8 38.6

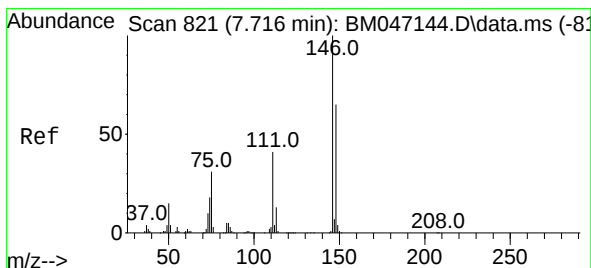
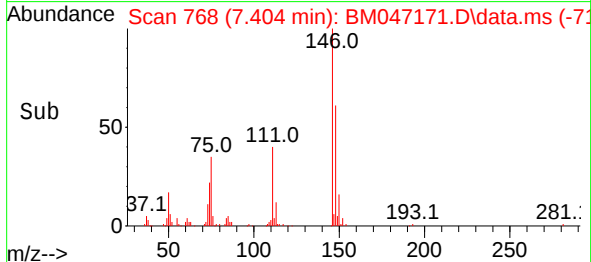
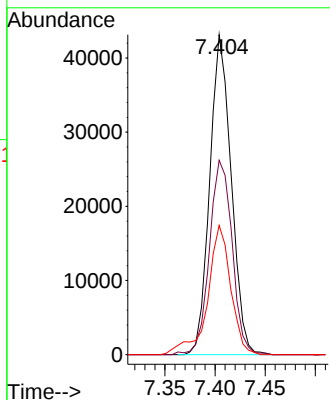
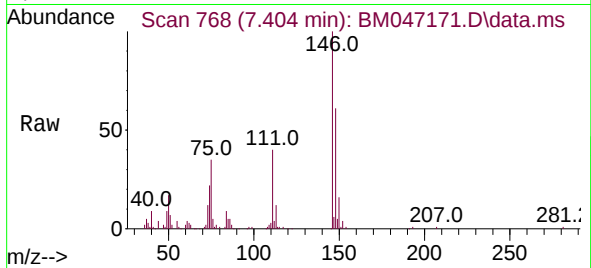




#13
1,4-Dichlorobenzene
Concen: 4.152 ng
RT: 7.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

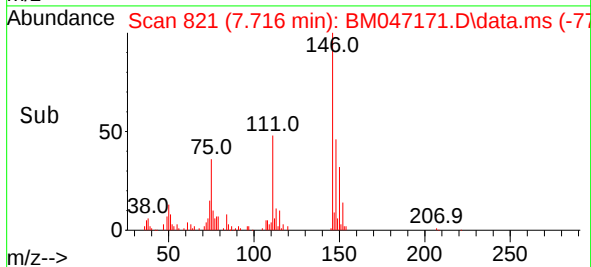
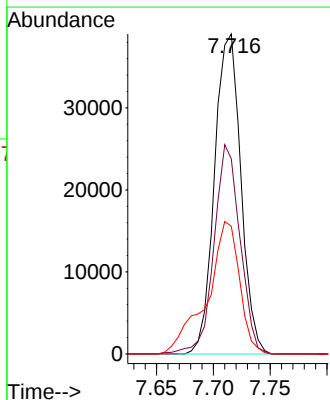
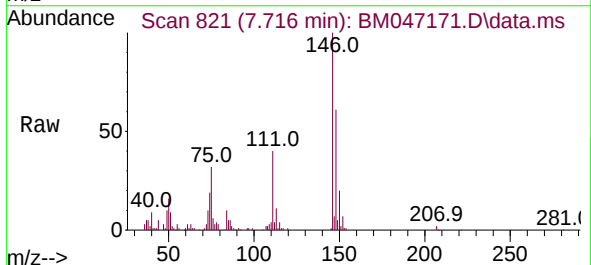
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

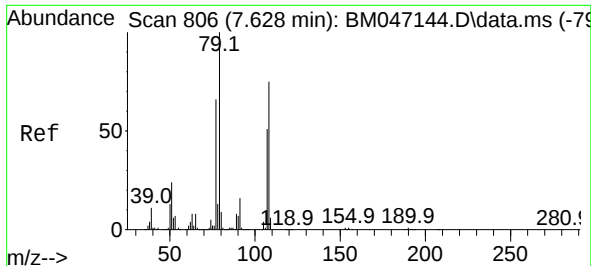
Tgt Ion:146 Resp: 64362
Ion Ratio Lower Upper
146 100
148 60.7 51.4 77.2
111 40.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 4.293 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:146 Resp: 62791
Ion Ratio Lower Upper
146 100
148 60.9 51.8 77.8
111 39.9 33.3 49.9

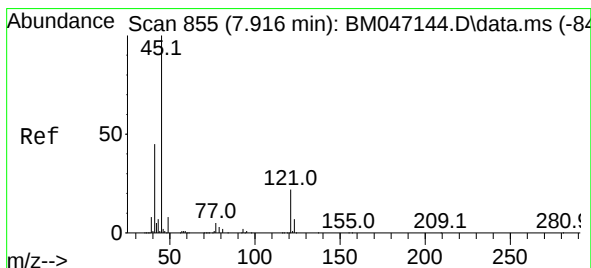
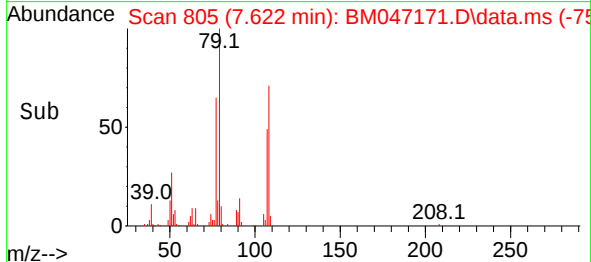
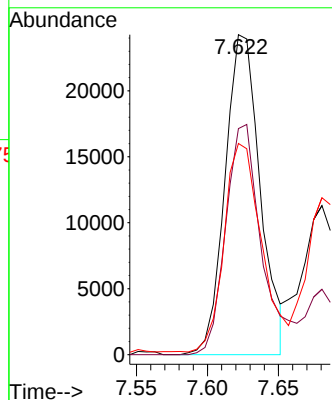
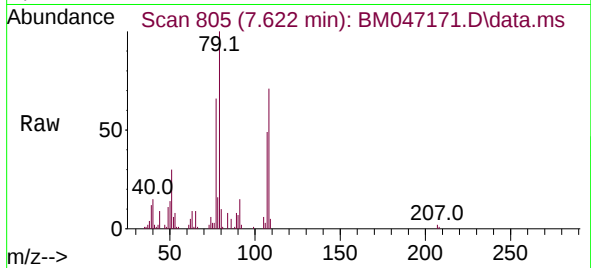




#15
Benzyl Alcohol
Concen: 3.613 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

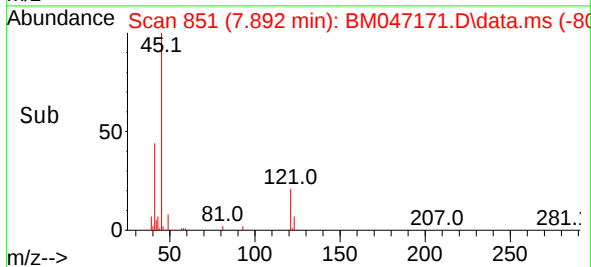
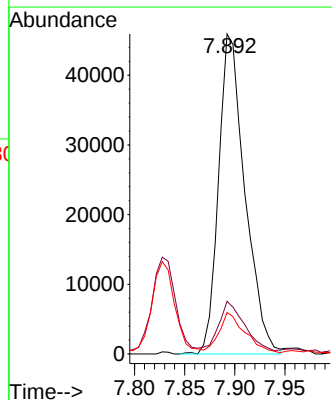
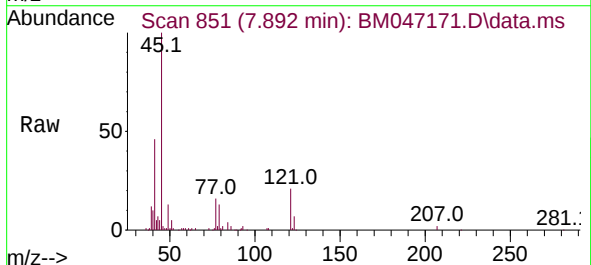
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

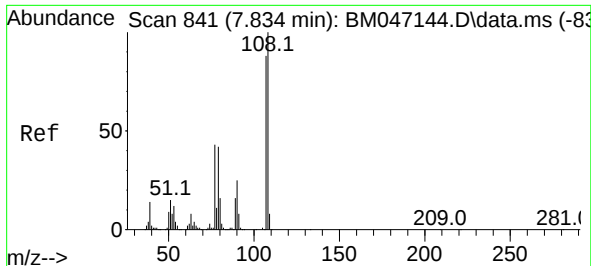
Tgt Ion: 79 Resp: 41858
Ion Ratio Lower Upper
79 100
108 70.6 59.7 89.5
77 66.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.711 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 45 Resp: 84098
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 13.0 0.0 32.4

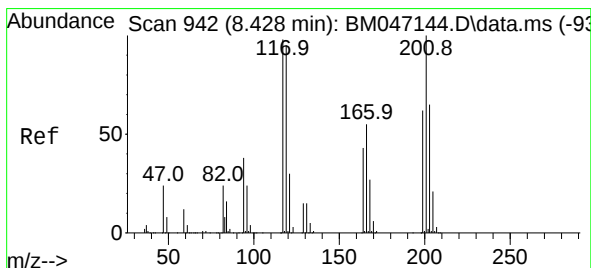
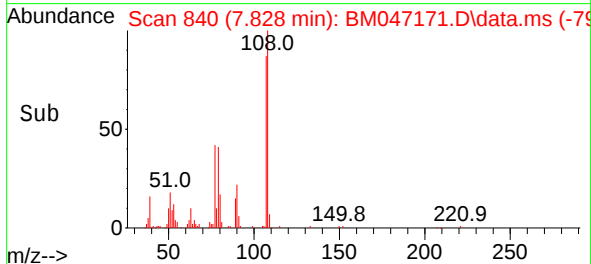
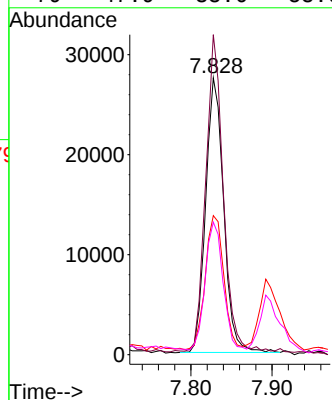
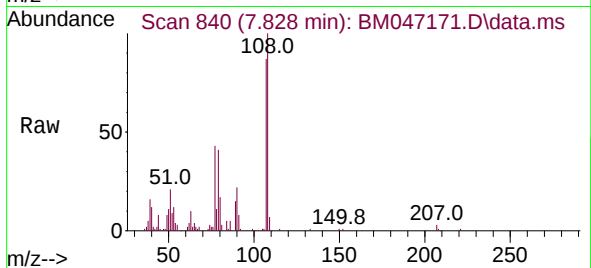




#17
2-Methylphenol
Concen: 3.903 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

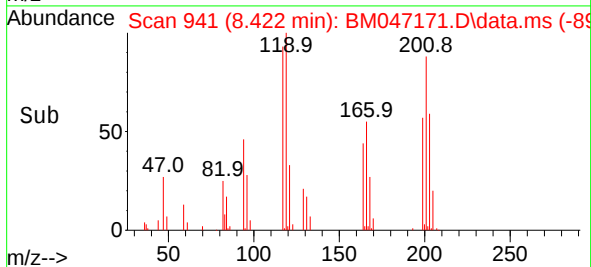
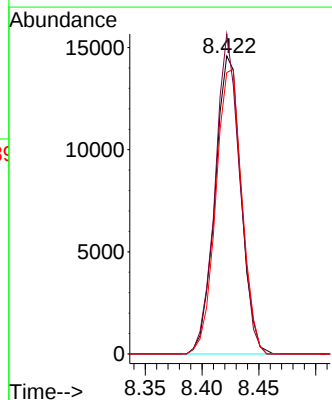
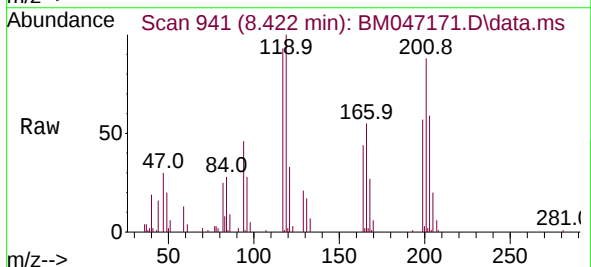
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

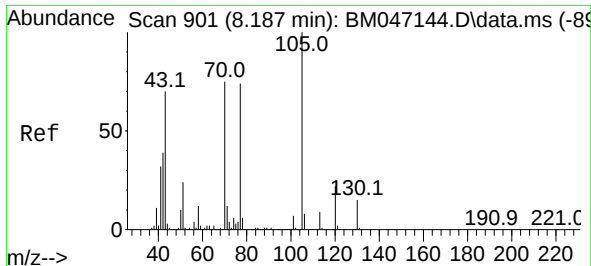
Tgt Ion:	107	Resp:	42294
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.6	135.8
77	50.2	39.3	58.9
79	47.9	38.6	58.0



#18
Hexachloroethane
Concen: 3.863 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:	117	Resp:	23199
Ion Ratio	Lower	Upper	
117	100		
119	107.4	77.0	115.4
201	94.4	81.3	121.9

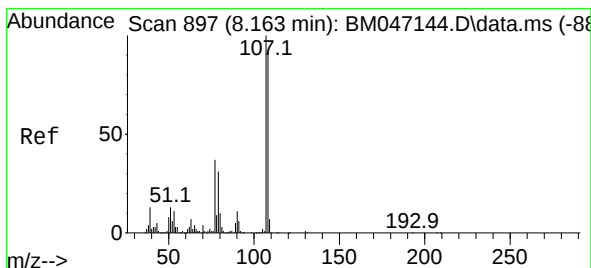
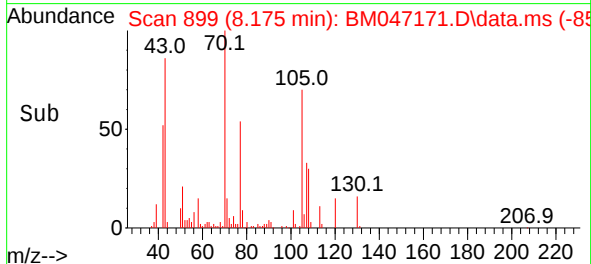
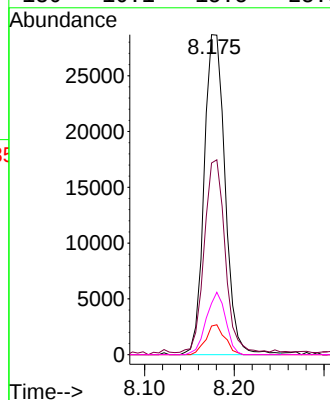
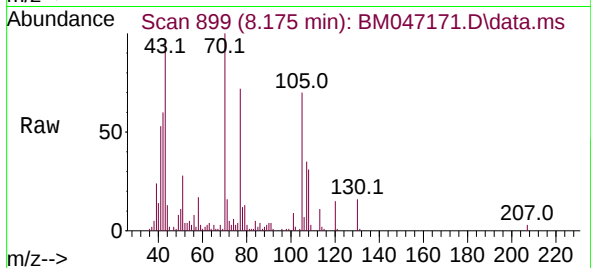




#19
n-Nitroso-di-n-propylamine
Concen: 4.246 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

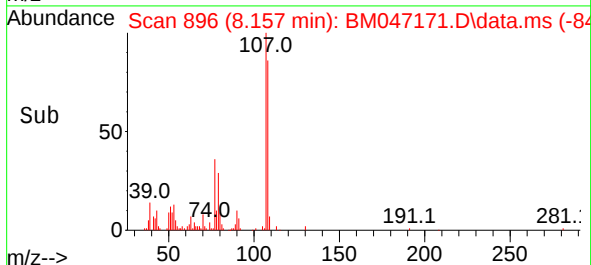
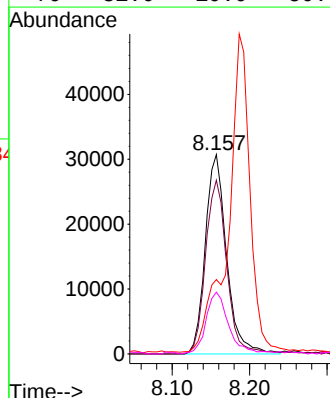
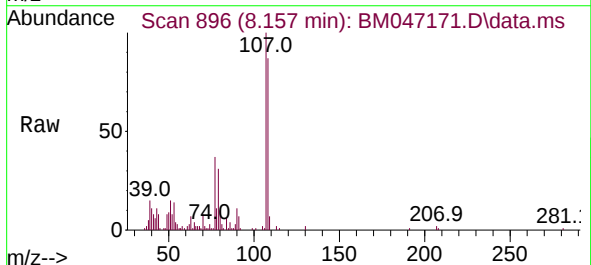
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

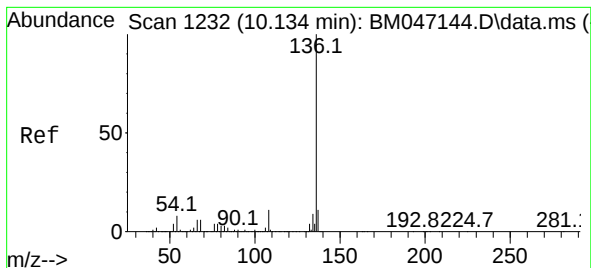
Tgt Ion:	70	Resp:	46563
Ion Ratio	Lower	Upper	
70	100		
42	59.9	42.0	63.0
101	8.9	7.2	10.8
130	16.1	15.5	23.3



#20
3+4-Methylphenols
Concen: 3.871 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:	107	Resp:	58641
Ion Ratio	Lower	Upper	
107	100		
108	87.2	70.7	110.7
77	37.3	17.4	57.4
79	31.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:136 Resp: 881353

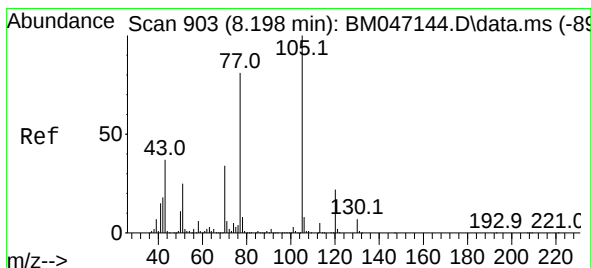
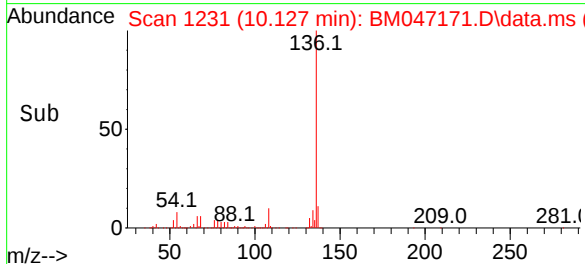
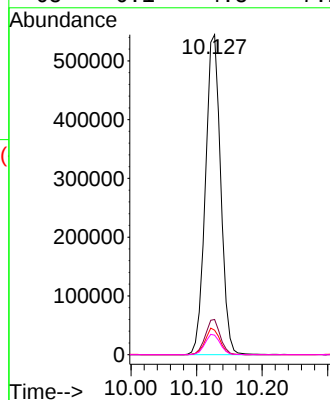
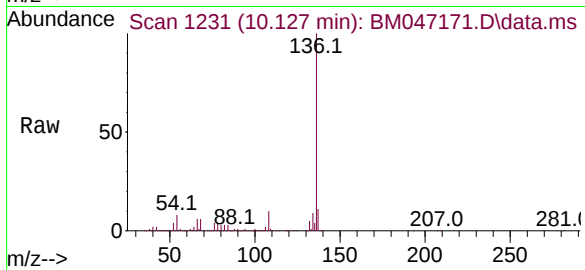
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 6.0 9.0

68 6.1 4.8 7.2



#22

Acetophenone

Concen: 4.467 ng

RT: 8.186 min Scan# 901

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:105 Resp: 95036

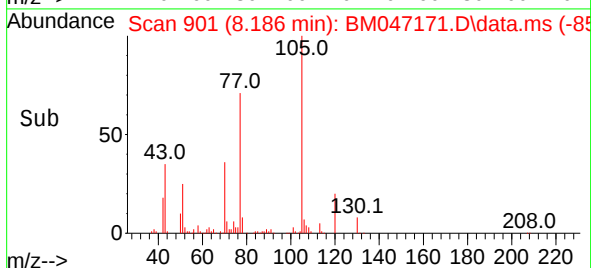
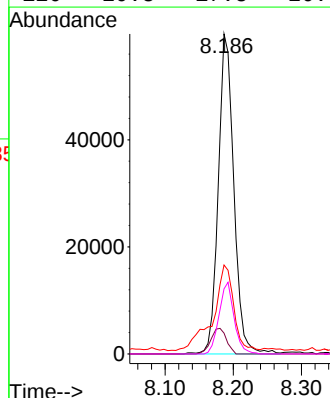
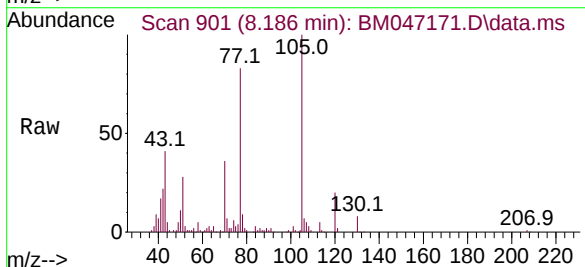
Ion Ratio Lower Upper

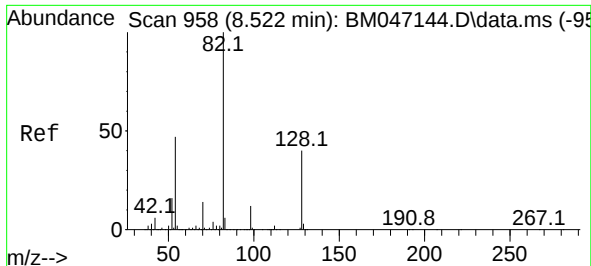
105 100

71 6.5 4.5 6.7

51 27.8 20.1 30.1

120 20.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 86.253 ng

RT: 8.516 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

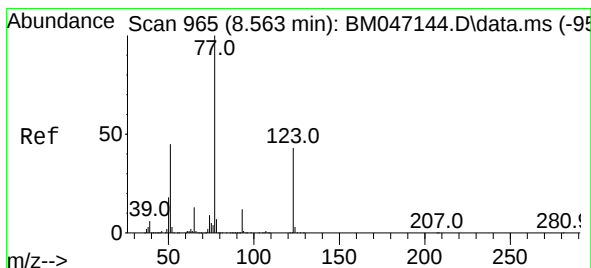
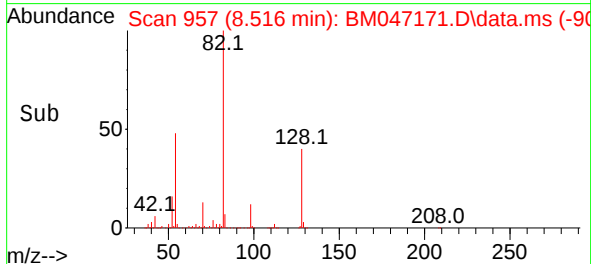
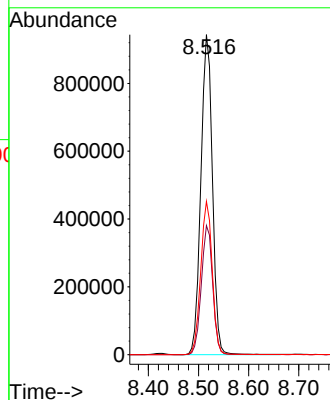
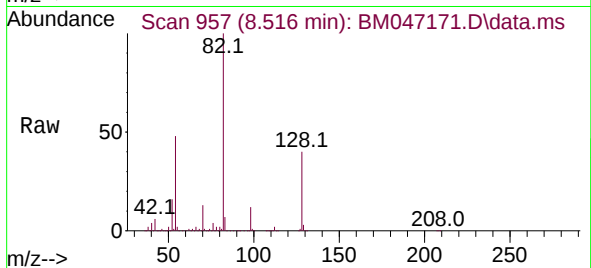
Tgt Ion: 82 Resp: 1509718

Ion Ratio Lower Upper

82 100

128 40.3 32.3 48.5

54 47.9 37.4 56.2



#24

Nitrobenzene

Concen: 4.420 ng

RT: 8.557 min Scan# 964

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

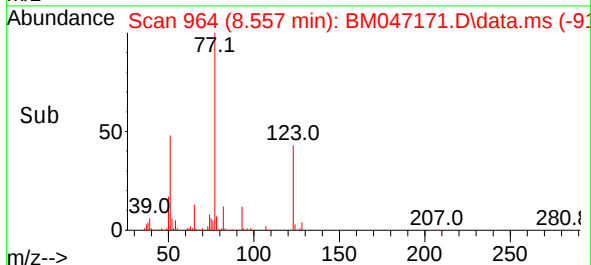
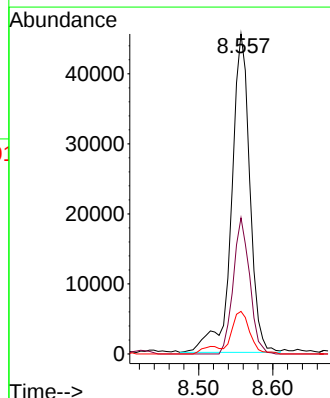
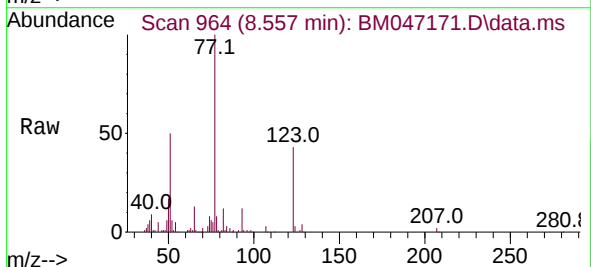
Tgt Ion: 77 Resp: 77900

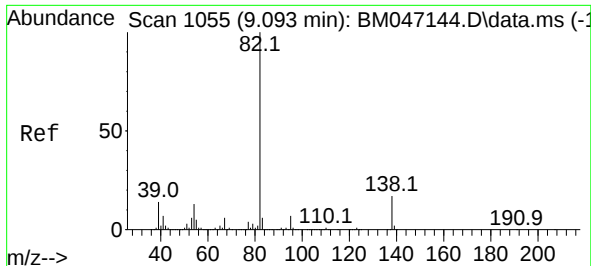
Ion Ratio Lower Upper

77 100

123 42.6 34.0 51.0

65 13.3 10.5 15.7





#25

Isophorone

Concen: 3.929 ng

RT: 9.080 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

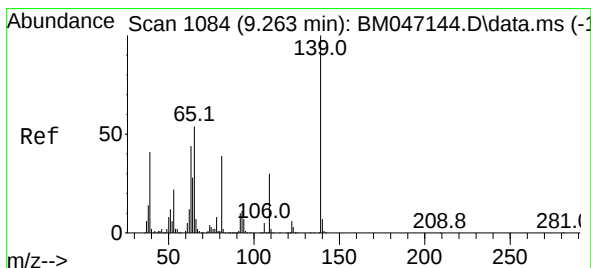
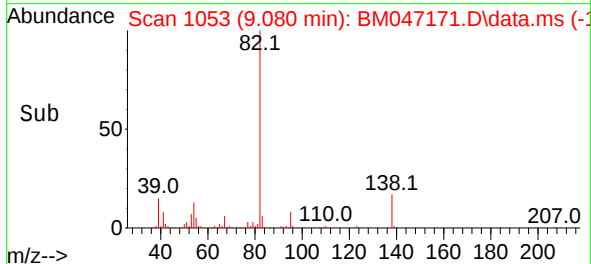
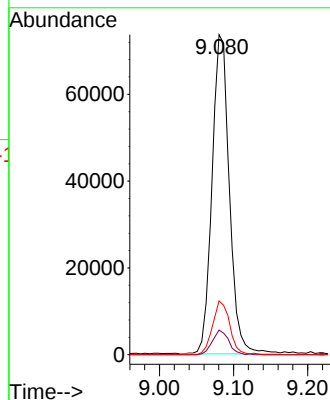
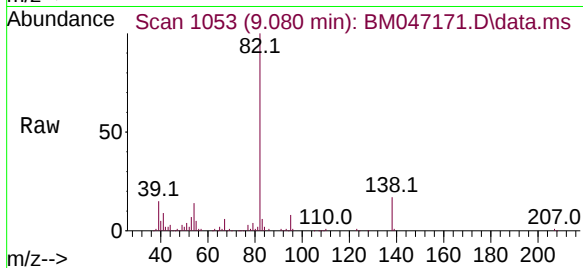
Tgt Ion: 82 Resp: 119736

Ion Ratio Lower Upper

82 100

95 7.7 5.5 8.3

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 3.112 ng

RT: 9.263 min Scan# 1084

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

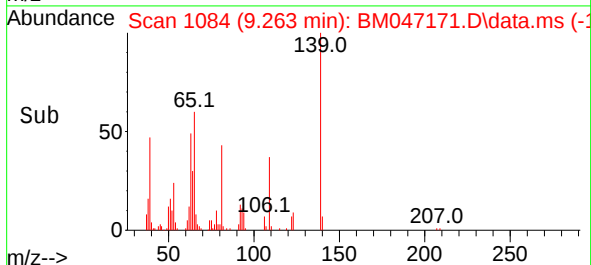
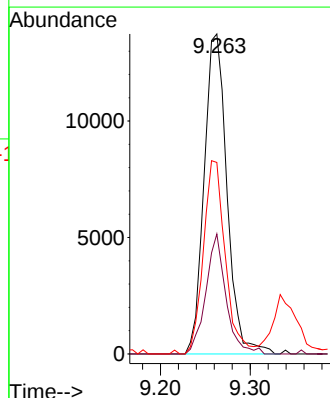
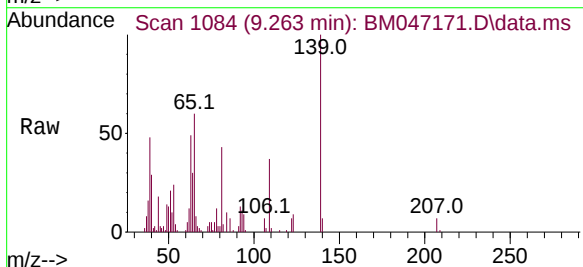
Tgt Ion:139 Resp: 24292

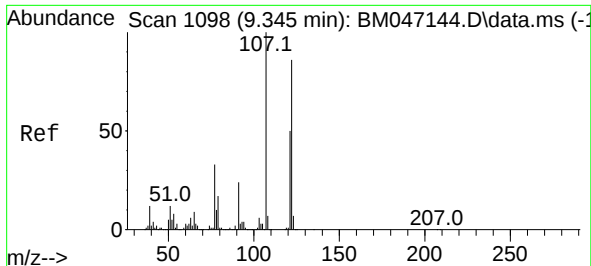
Ion Ratio Lower Upper

139 100

109 37.5 24.4 36.6#

65 59.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 3.553 ng

RT: 9.339 min Scan# 1098

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

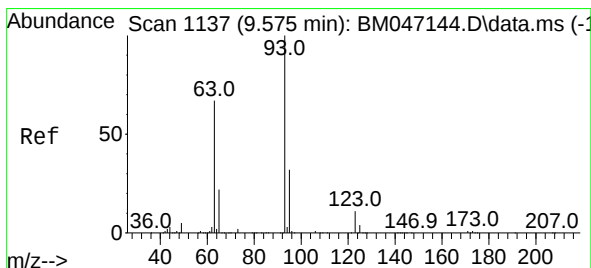
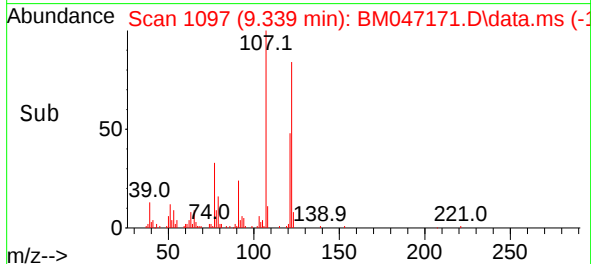
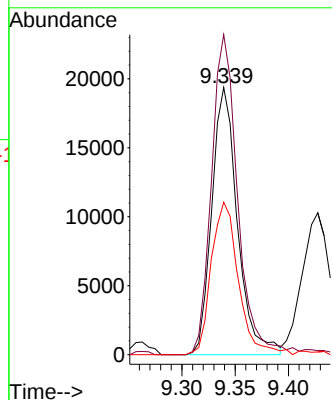
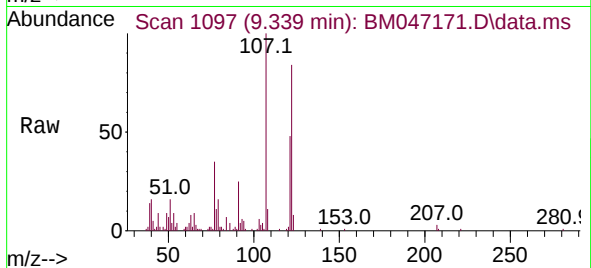
Tgt Ion:122 Resp: 32486

Ion Ratio Lower Upper

122 100

107 119.7 92.8 139.2

121 57.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.110 ng

RT: 9.569 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

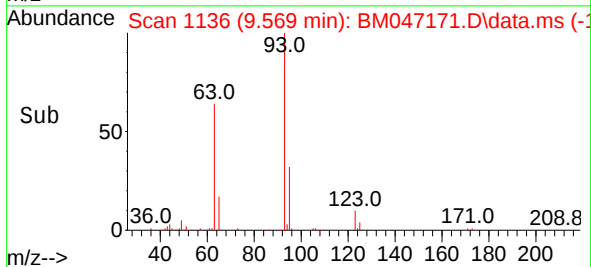
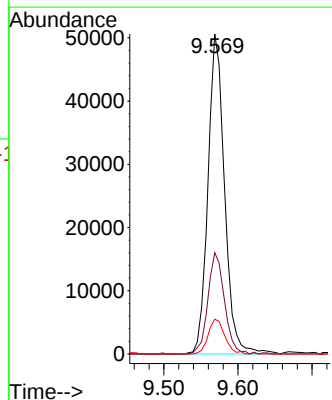
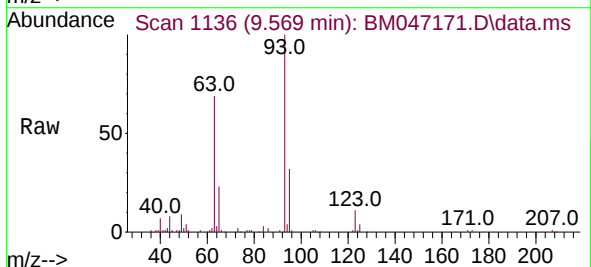
Tgt Ion: 93 Resp: 78822

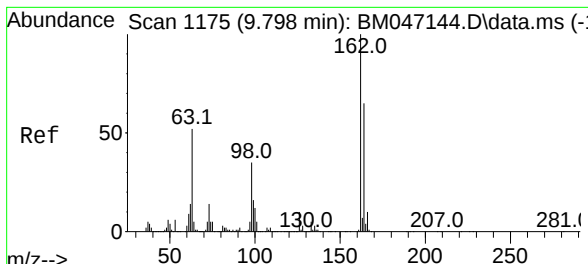
Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

123 10.9 9.0 13.4



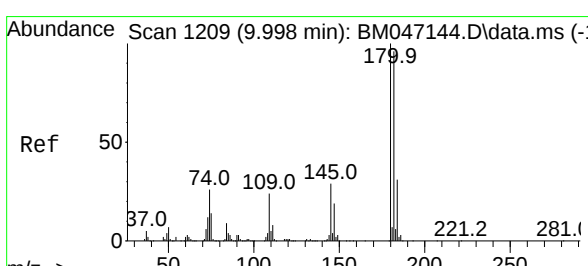
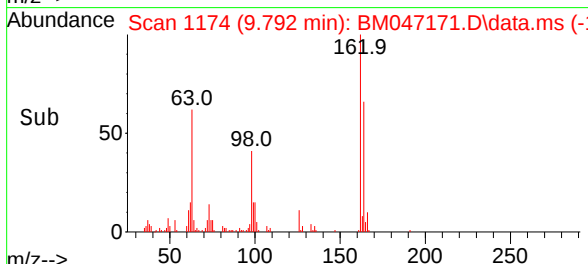
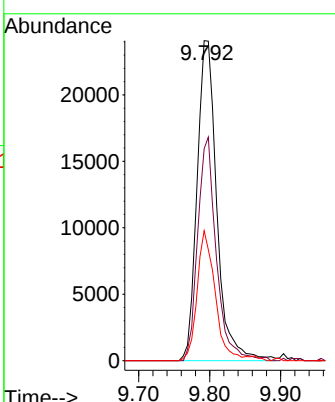
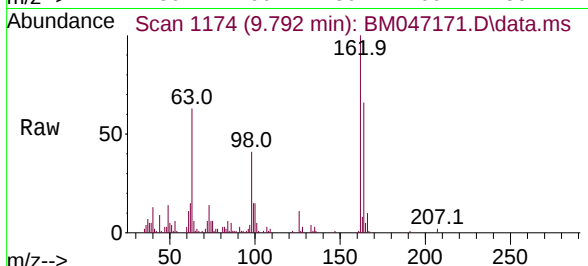


#29
 2,4-Dichlorophenol
 Concen: 3.443 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:162 Resp: 46713

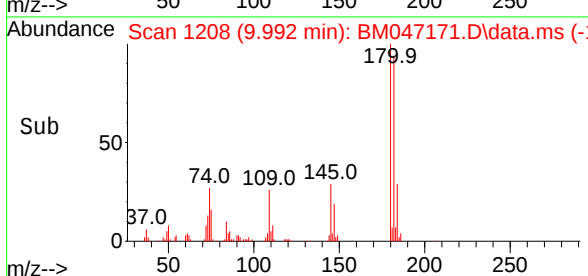
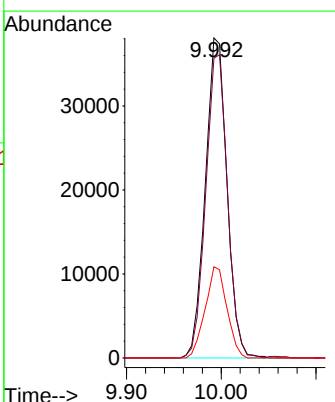
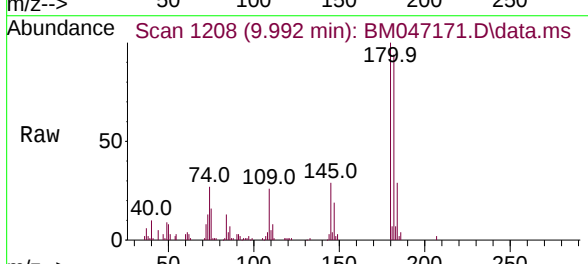
Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.7	84.7
98	40.6	14.9	54.9

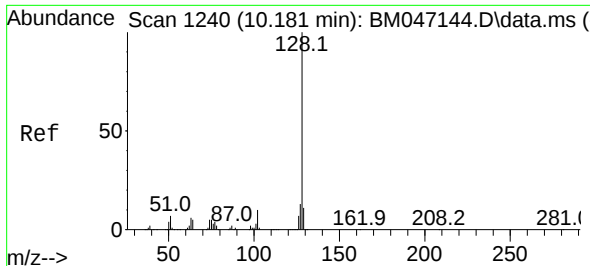


#30
 1,2,4-Trichlorobenzene
 Concen: 3.945 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

Tgt Ion:180 Resp: 60574

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	115.0
145	28.5	23.4	35.2

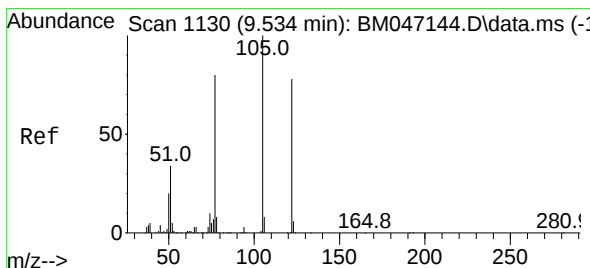
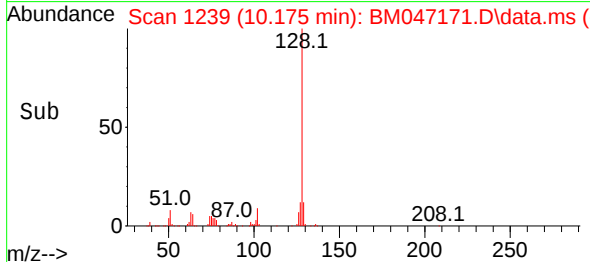
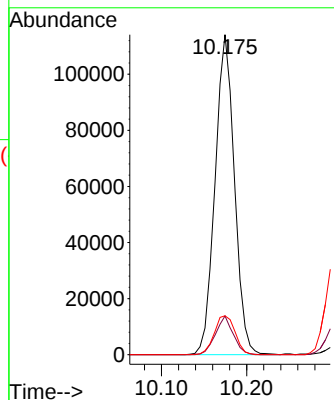
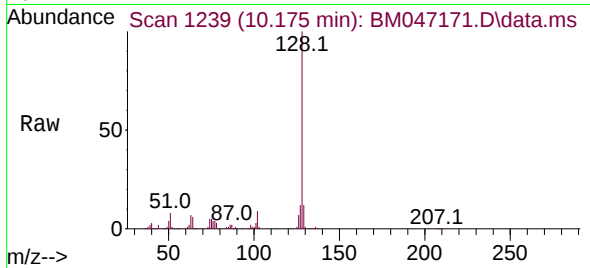




#31
Naphthalene
Concen: 4.105 ng
RT: 10.175 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

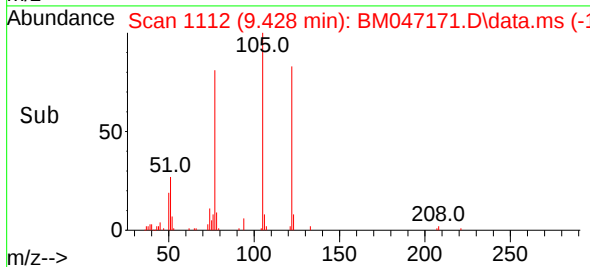
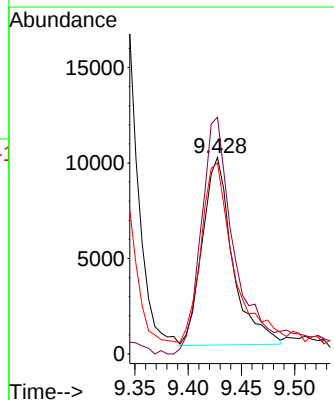
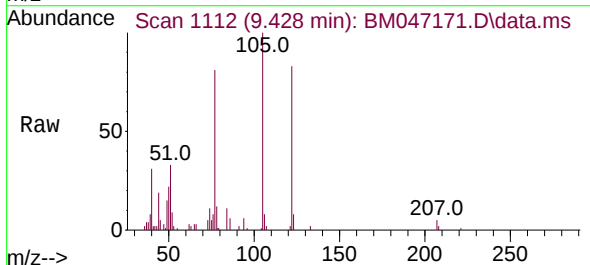
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

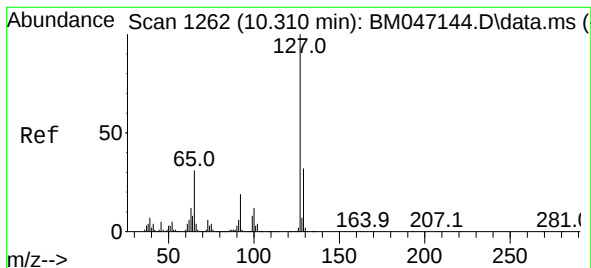
Tgt Ion:128 Resp: 180225
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 12.2 10.2 15.4



#32
Benzoic acid
Concen: 1.828 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.106 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:122 Resp: 19414
Ion Ratio Lower Upper
122 100
105 120.5 107.1 147.1
77 97.3 82.1 122.1





#33

4-Chloroaniline

Concen: 3.997 ng

RT: 10.304 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:127 Resp: 67478

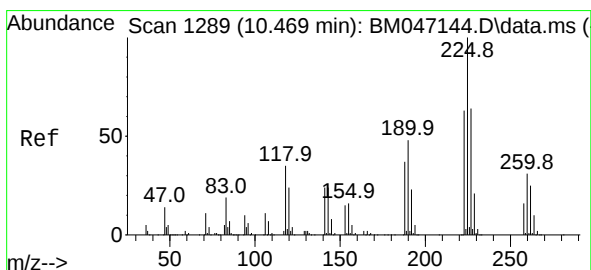
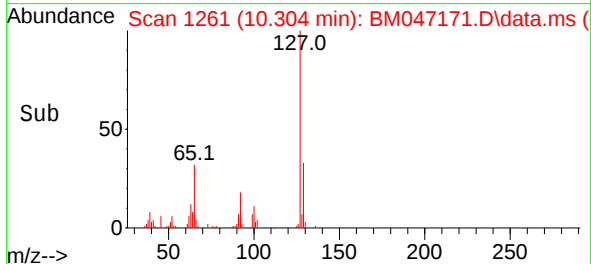
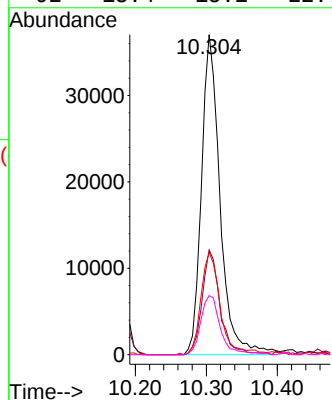
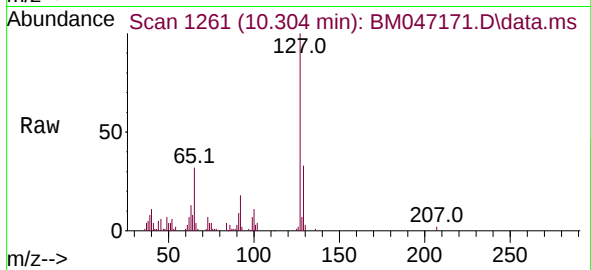
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 32.0 24.9 37.3

92 18.4 15.1 22.7



#34

Hexachlorobutadiene

Concen: 3.640 ng

RT: 10.463 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

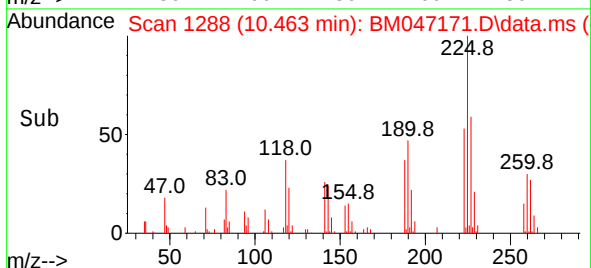
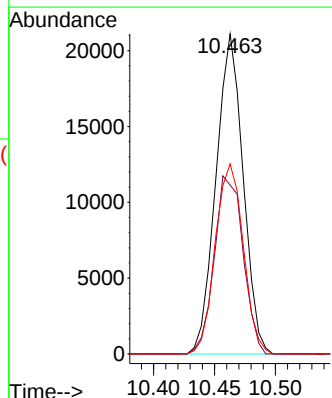
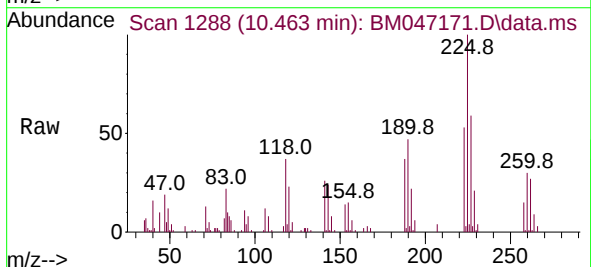
Tgt Ion:225 Resp: 32714

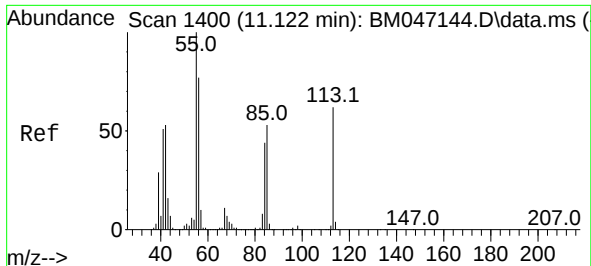
Ion Ratio Lower Upper

225 100

223 52.7 50.2 75.2

227 59.4 51.4 77.0





#35

Caprolactam

Concen: 2.923 ng

RT: 11.086 min Scan# 1400

Delta R.T. -0.036 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

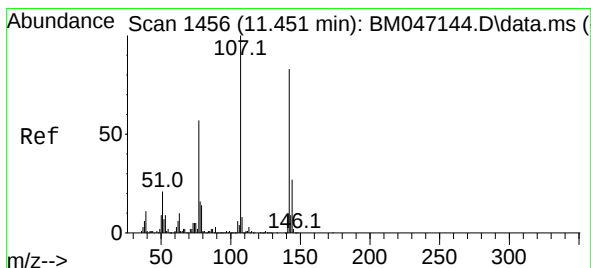
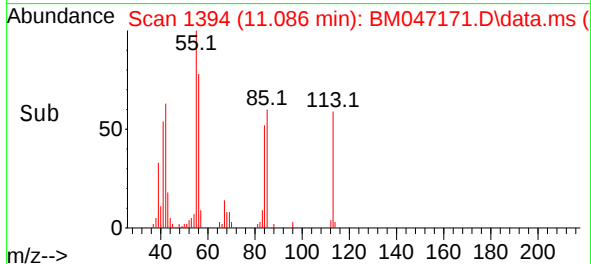
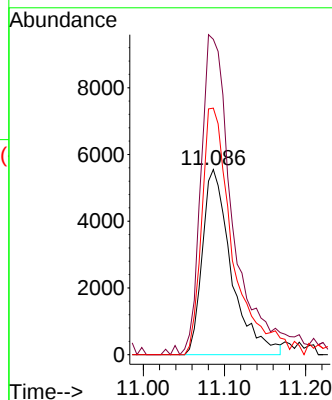
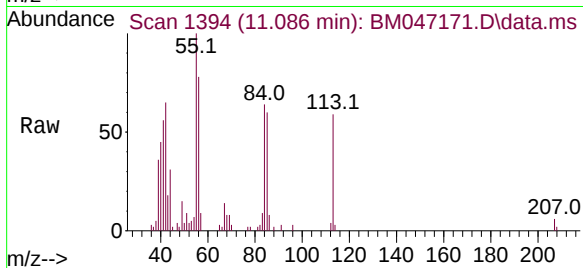
Tgt Ion:113 Resp: 13772

Ion Ratio Lower Upper

113 100

55 170.3 140.5 180.5

56 133.2 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 3.373 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

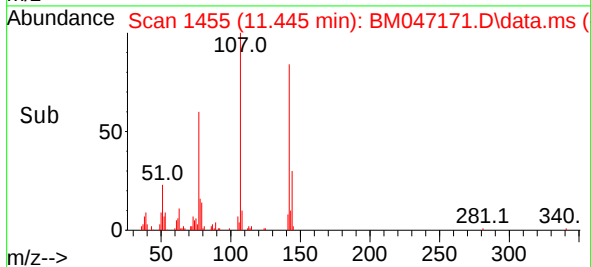
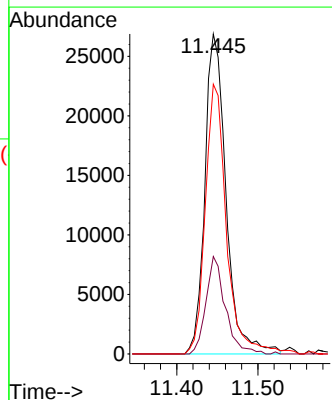
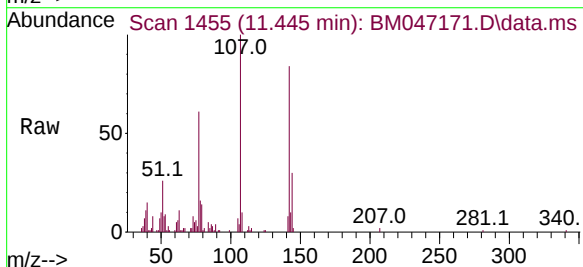
Tgt Ion:107 Resp: 48730

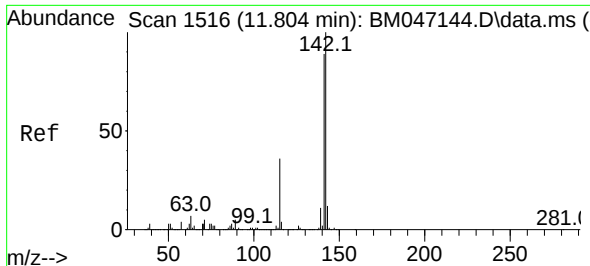
Ion Ratio Lower Upper

107 100

144 30.5 21.8 32.6

142 84.3 66.8 100.2

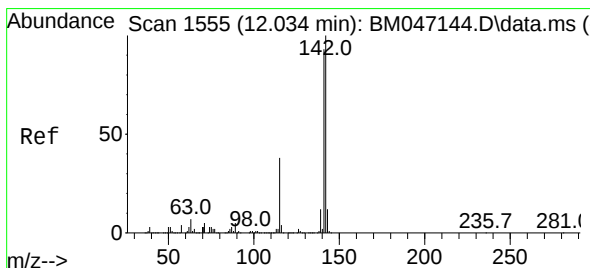
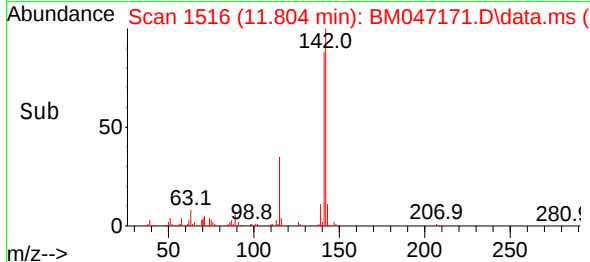
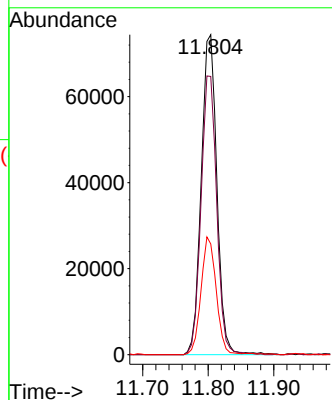
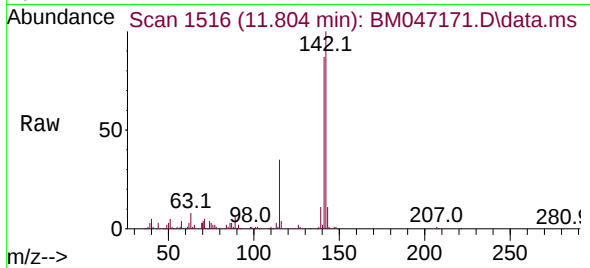




#37
2-Methylnaphthalene
Concen: 3.963 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

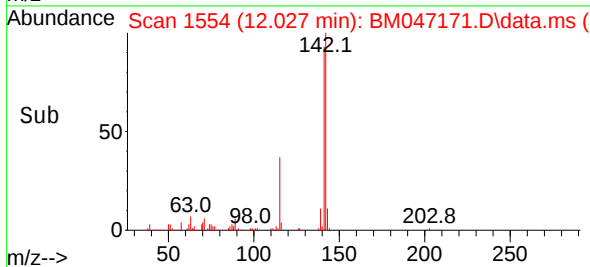
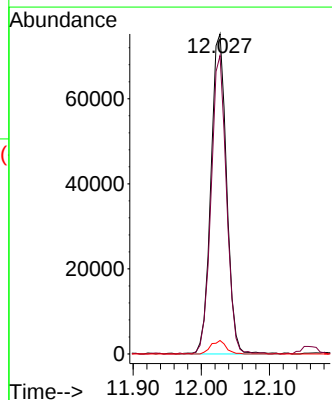
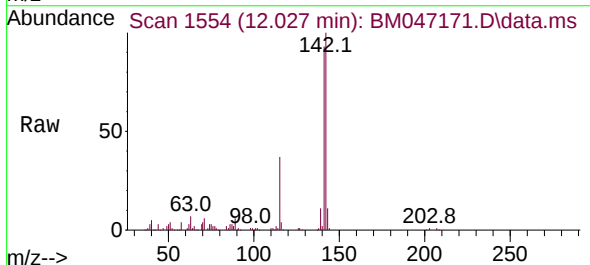
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

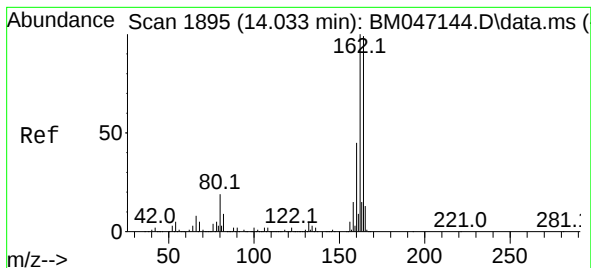
Tgt Ion:142 Resp: 123890
Ion Ratio Lower Upper
142 100
141 86.9 70.9 106.3
115 34.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 3.904 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:142 Resp: 120619
Ion Ratio Lower Upper
142 100
141 93.2 74.6 111.8
116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

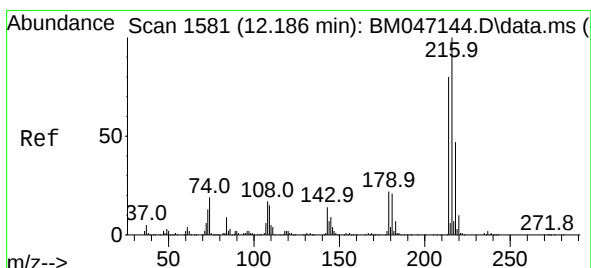
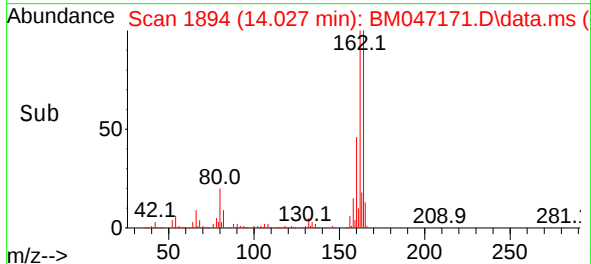
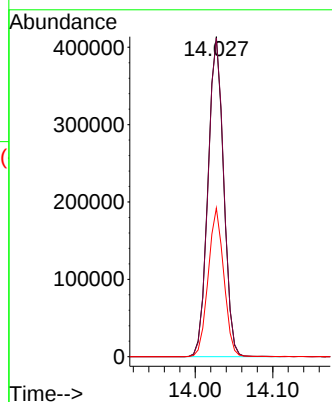
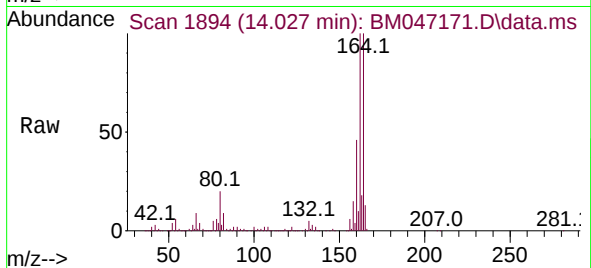
Tgt Ion:164 Resp: 578630

Ion Ratio Lower Upper

164 100

162 99.6 80.7 121.1

160 46.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.841 ng

RT: 12.180 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:216 Resp: 60617

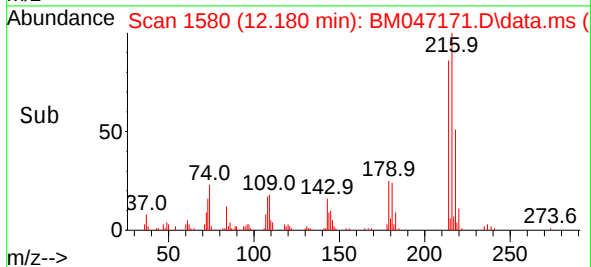
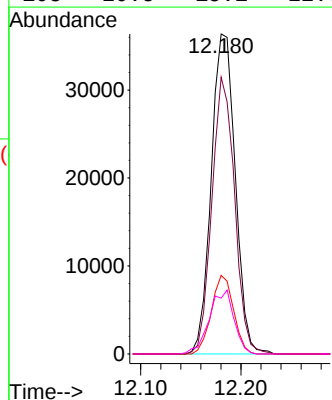
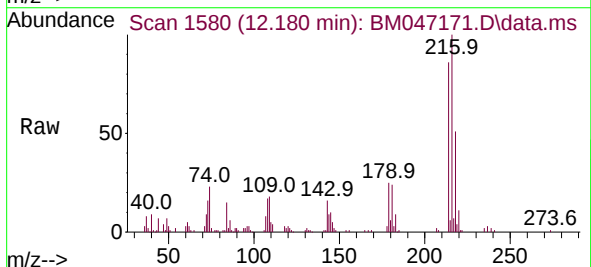
Ion Ratio Lower Upper

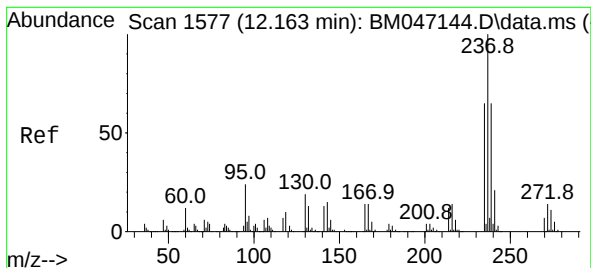
216 100

214 81.5 63.4 95.2

179 22.6 17.6 26.4

108 20.5 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 3.782 ng

RT: 12.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

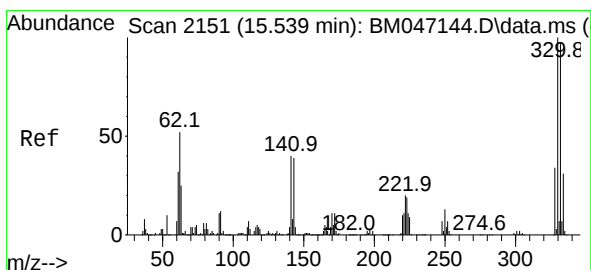
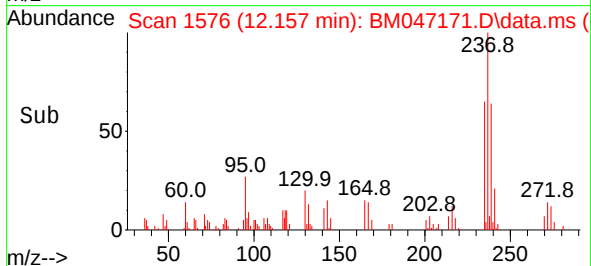
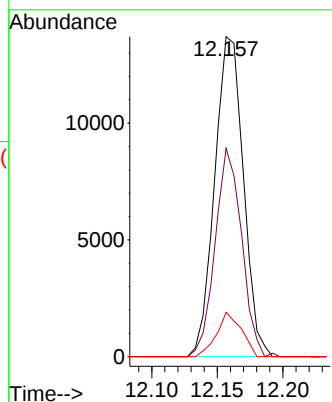
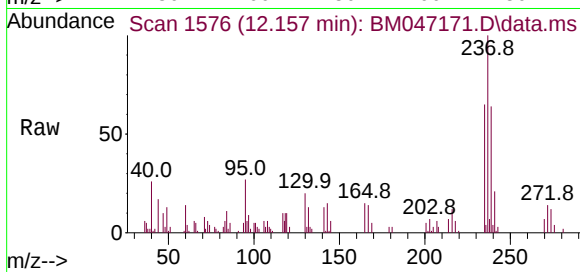
Tgt Ion:237 Resp: 20841

Ion Ratio Lower Upper

237 100

235 65.1 44.8 84.8

272 13.8 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 131.386 ng

RT: 15.533 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

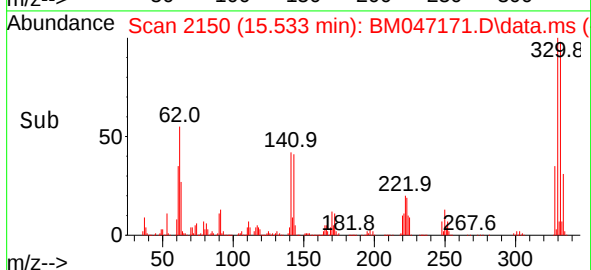
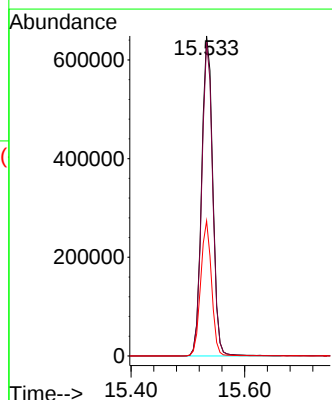
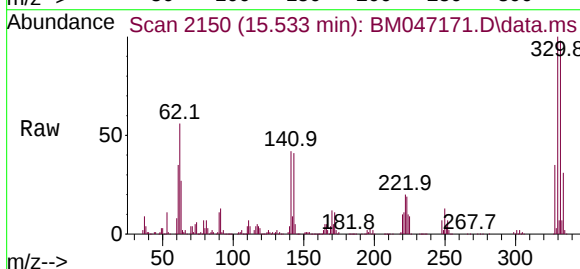
Tgt Ion:330 Resp: 881506

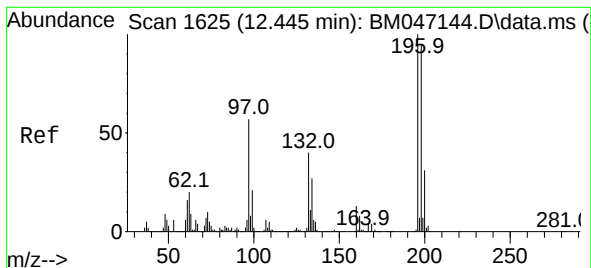
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 41.2 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 3.262 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

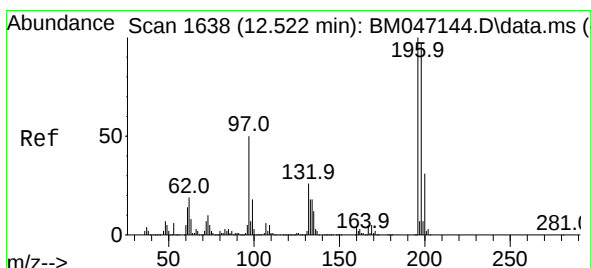
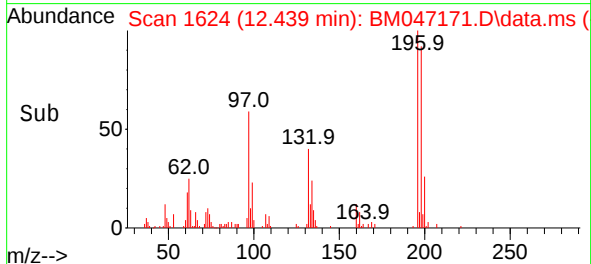
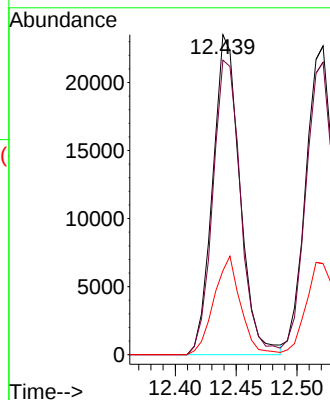
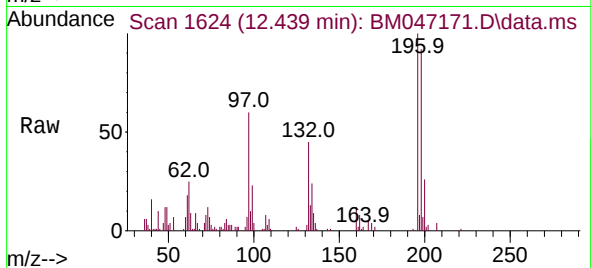
Tgt Ion:196 Resp: 36593

Ion Ratio Lower Upper

196 100

198 92.0 75.6 113.4

200 26.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 3.103 ng

RT: 12.521 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:196 Resp: 38653

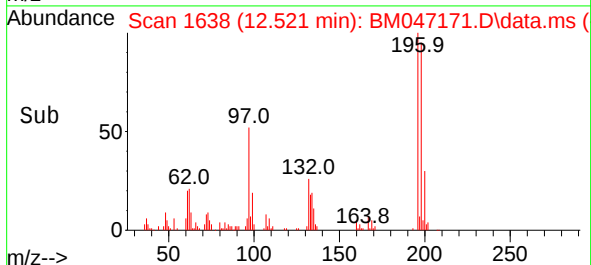
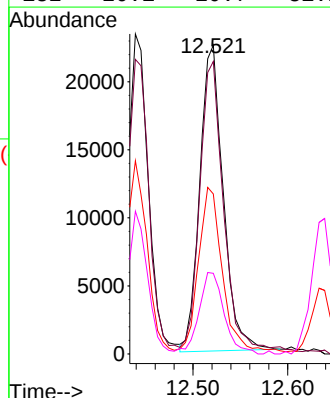
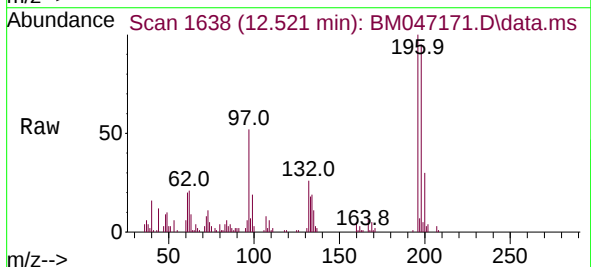
Ion Ratio Lower Upper

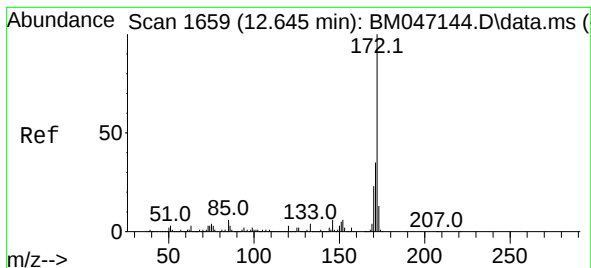
196 100

198 94.7 77.7 116.5

97 51.8 39.8 59.8

132 26.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 83.005 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

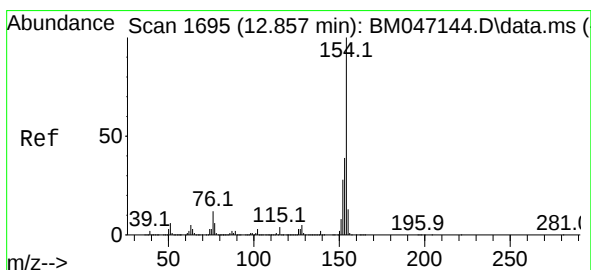
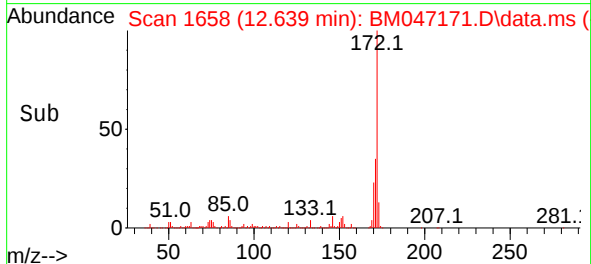
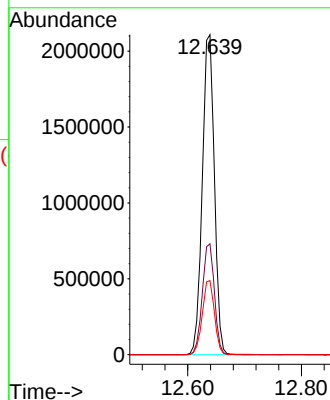
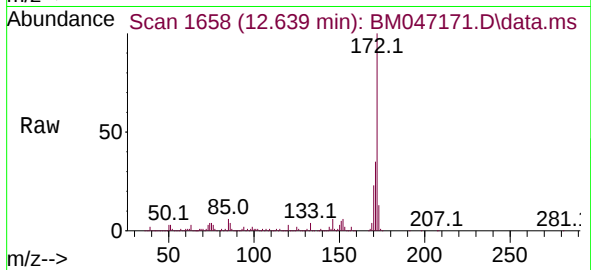
Tgt Ion:172 Resp: 3113659

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.222 ng

RT: 12.845 min Scan# 1693

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

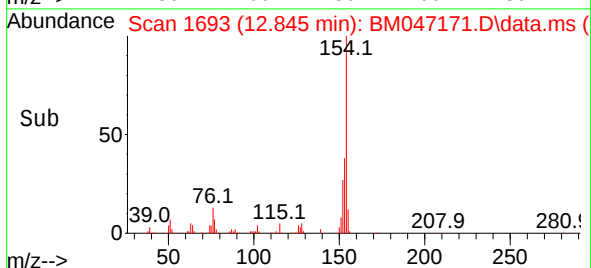
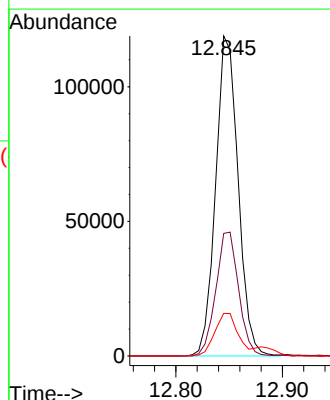
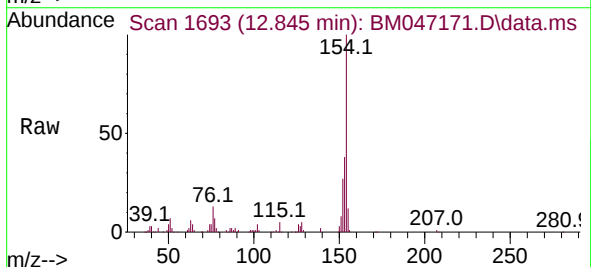
Tgt Ion:154 Resp: 173900

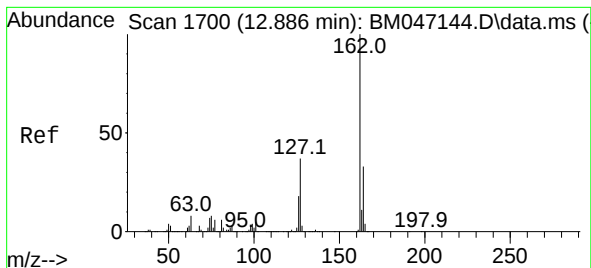
Ion Ratio Lower Upper

154 100

153 38.3 19.0 59.0

76 13.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 4.122 ng

RT: 12.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

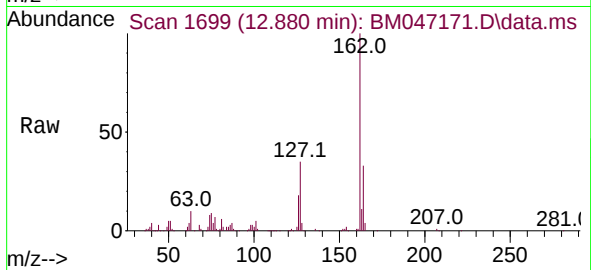
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



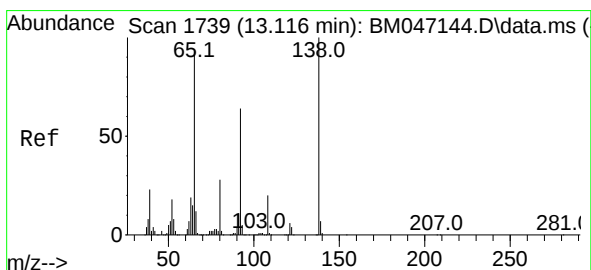
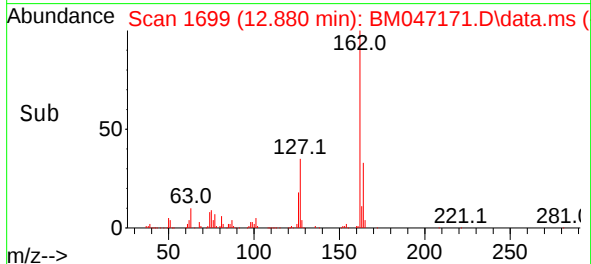
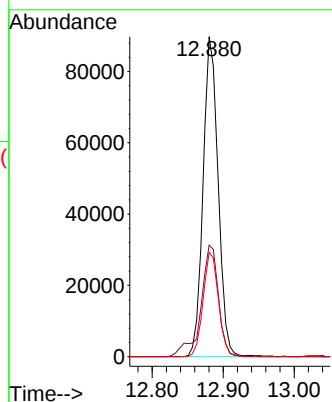
Tgt Ion:162 Resp: 132701

Ion	Ratio	Lower	Upper
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162	100		
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127	34.8	30.0	45.0
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164	32.6	26.3	39.5
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#48

2-Nitroaniline

Concen: 3.311 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

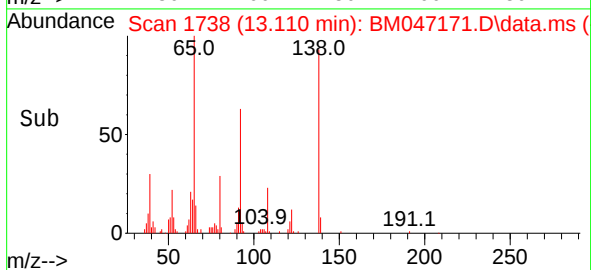
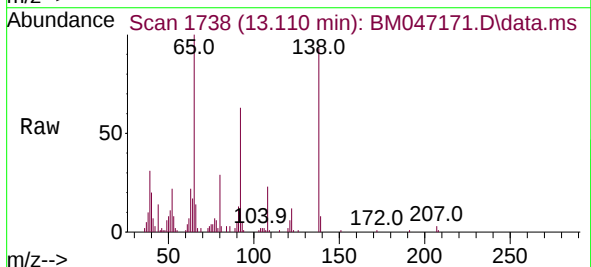
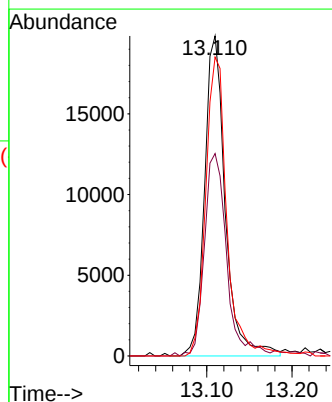
Tgt Ion: 65 Resp: 33399

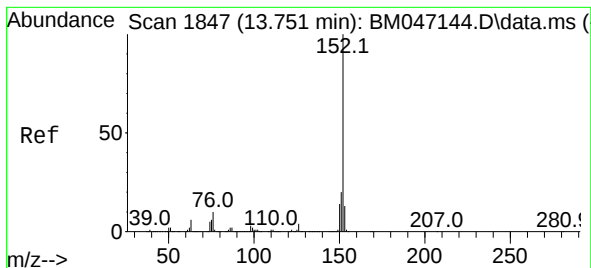
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

65	100		
----	-----	--	--

92	63.2	55.1	82.7
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138	93.4	85.9	128.9
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#49

Acenaphthylene

Concen: 4.289 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

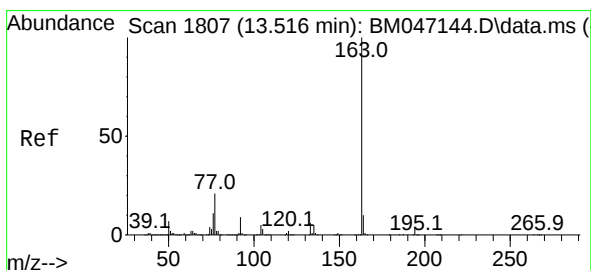
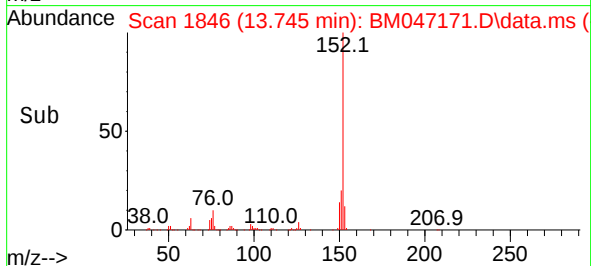
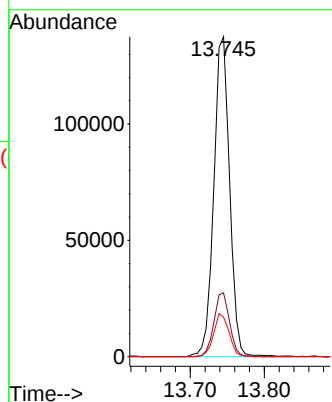
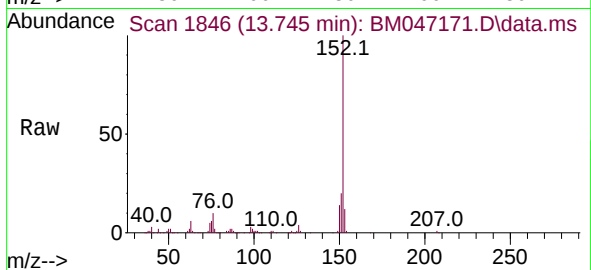
Tgt Ion:152 Resp: 203542

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 12.3 10.4 15.6



#50

Dimethylphthalate

Concen: 4.042 ng

RT: 13.504 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

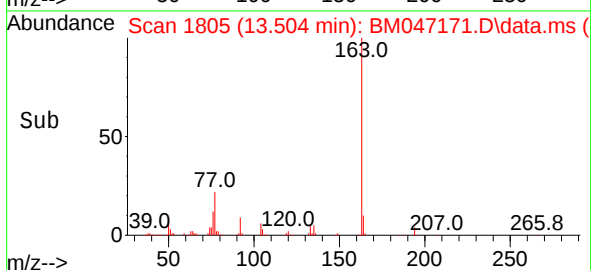
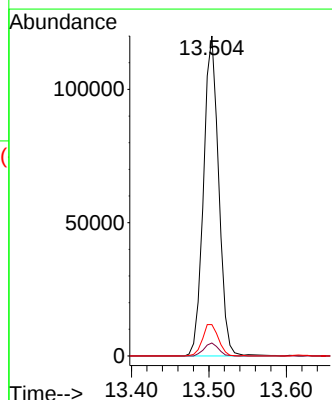
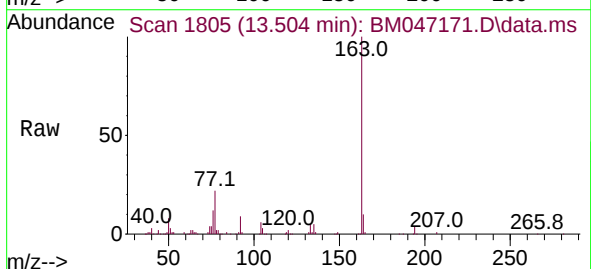
Tgt Ion:163 Resp: 163327

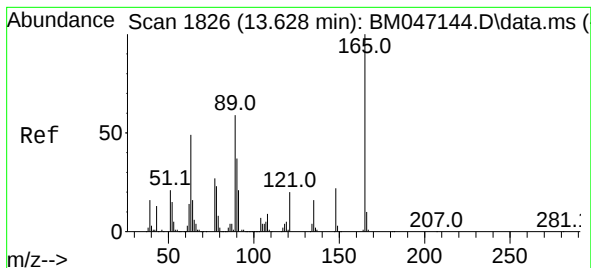
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 3.297 ng

RT: 13.621 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

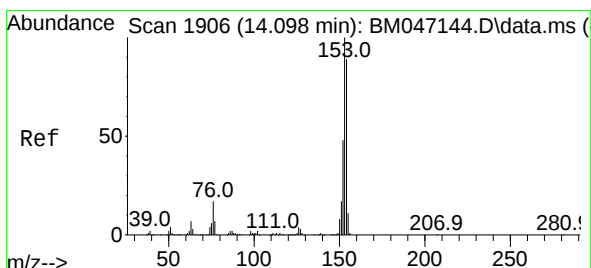
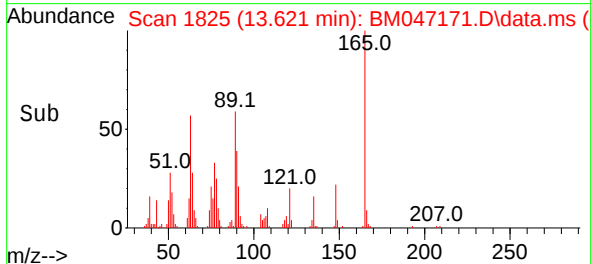
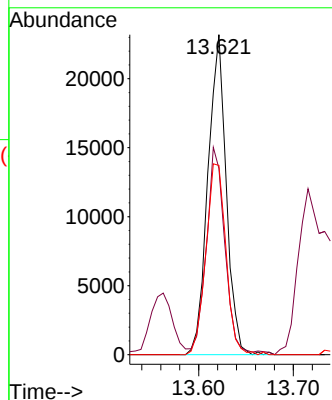
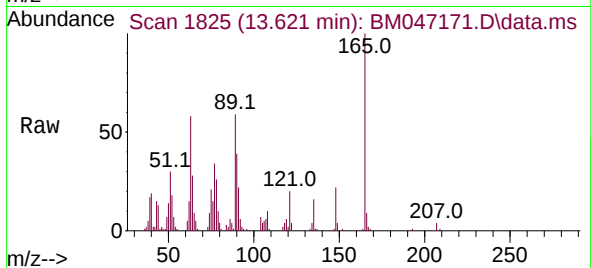
Tgt Ion:165 Resp: 31146

Ion Ratio Lower Upper

165 100

63 58.2 46.5 69.7

89 59.2 47.3 70.9



#52

Acenaphthene

Concen: 4.054 ng

RT: 14.092 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

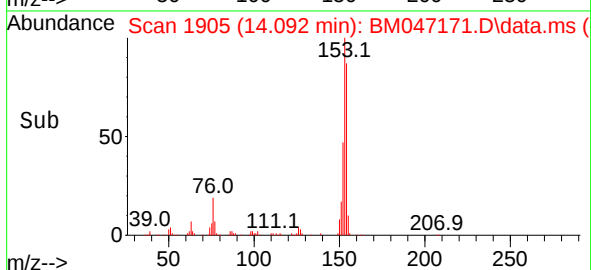
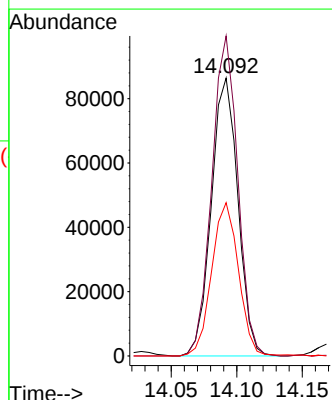
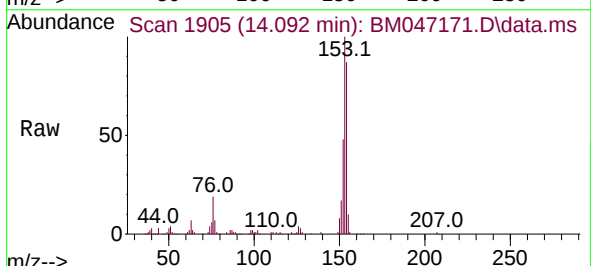
Tgt Ion:154 Resp: 122032

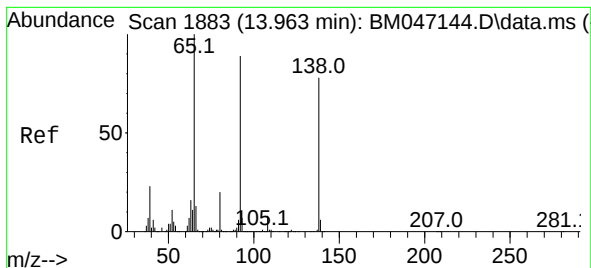
Ion Ratio Lower Upper

154 100

153 115.2 90.3 135.5

152 55.1 42.9 64.3

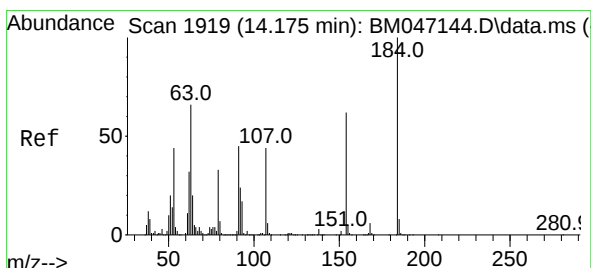
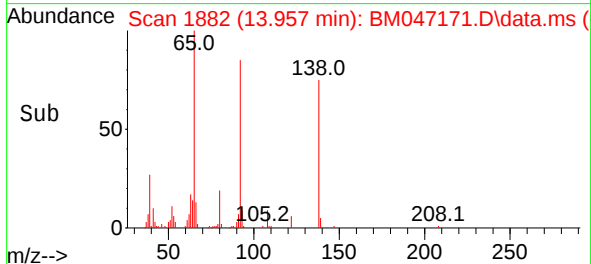
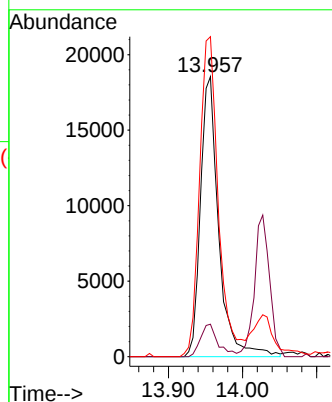
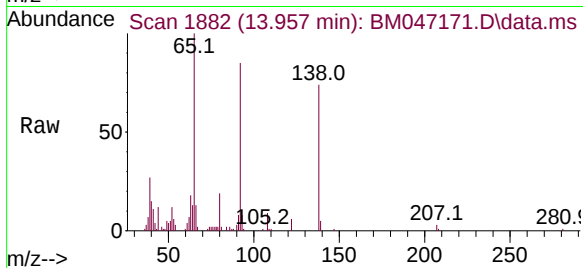




#53
3-Nitroaniline
Concen: 3.333 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

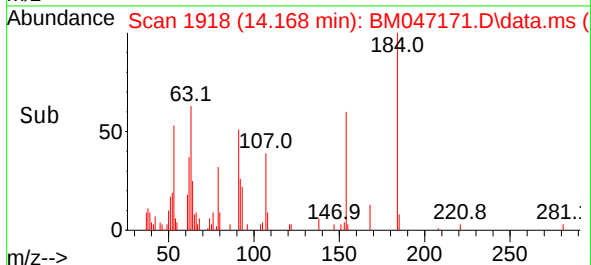
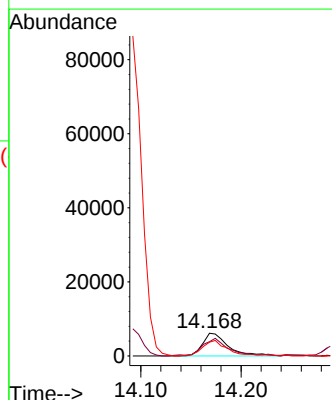
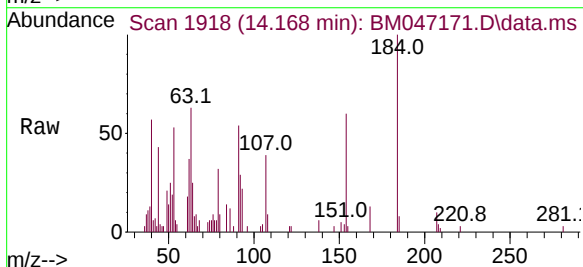
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

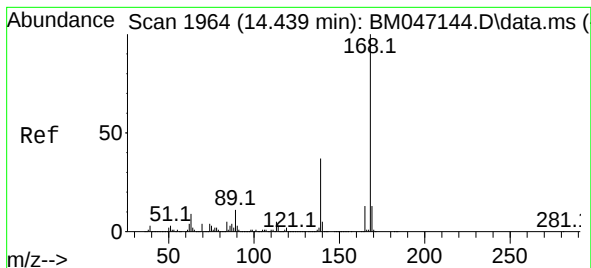
Tgt Ion:138 Resp: 31549
Ion Ratio Lower Upper
138 100
108 11.6 7.9 11.9
92 114.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 1.907 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:184 Resp: 10799
Ion Ratio Lower Upper
184 100
63 62.5 52.7 79.1
154 60.3 50.4 75.6





#55

Dibenzenofuran

Concen: 4.311 ng

RT: 14.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

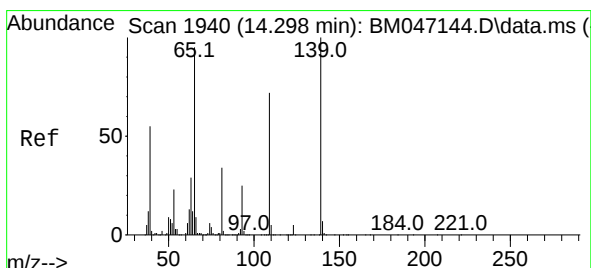
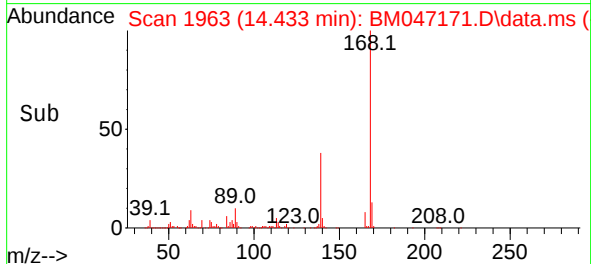
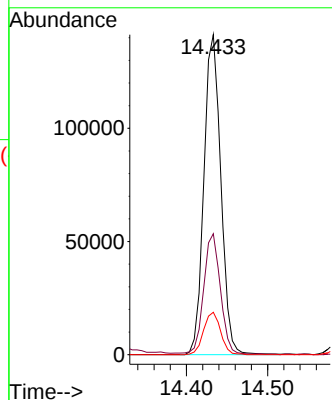
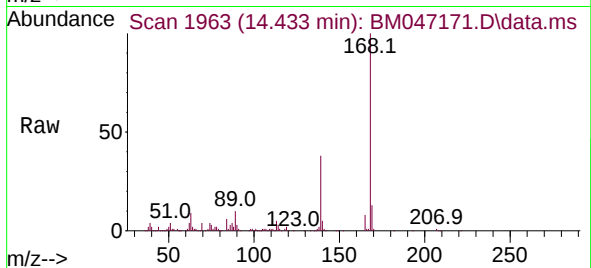
Tgt Ion:168 Resp: 204987

Ion Ratio Lower Upper

168 100

139 37.8 29.6 44.4

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 2.733 ng

RT: 14.298 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

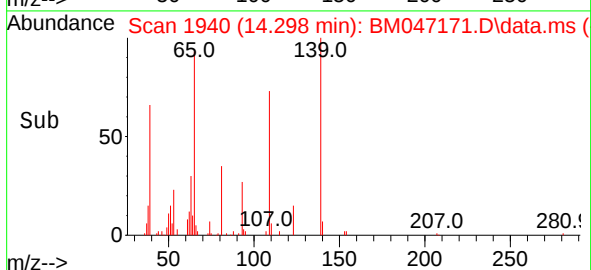
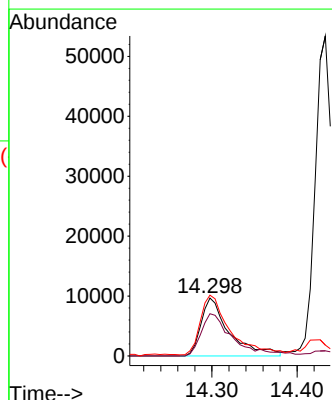
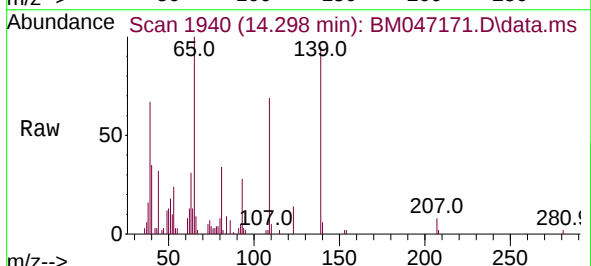
Tgt Ion:139 Resp: 22309

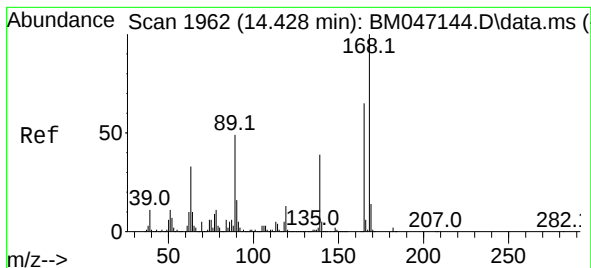
Ion Ratio Lower Upper

139 100

109 73.0 52.5 92.5

65 105.0 75.4 115.4





#57

2,4-Dinitrotoluene

Concen: 3.151 ng

RT: 14.421 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047171.D

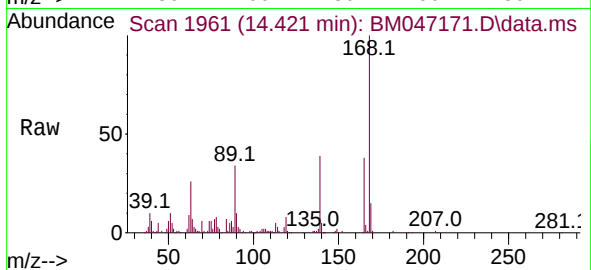
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:165 Resp: 39736

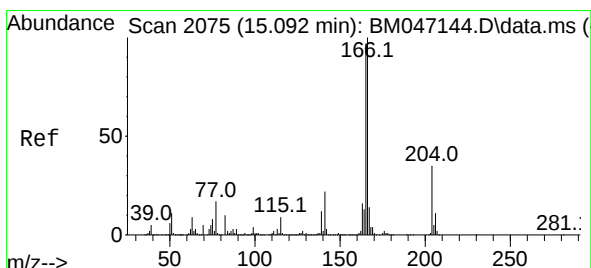
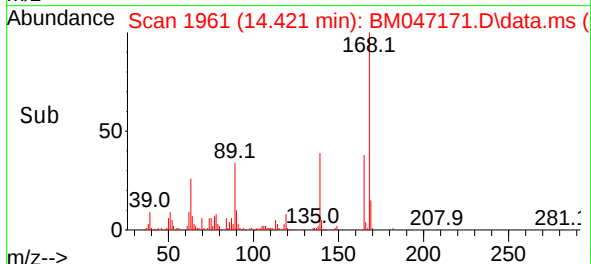
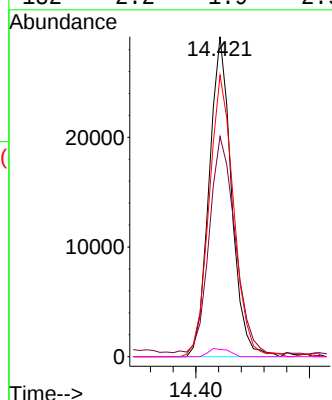
Ion Ratio Lower Upper

165 100

63 68.8 40.3 60.5#

89 87.9 61.0 91.6

182 2.2 1.9 2.9



#58

Fluorene

Concen: 4.055 ng

RT: 15.086 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

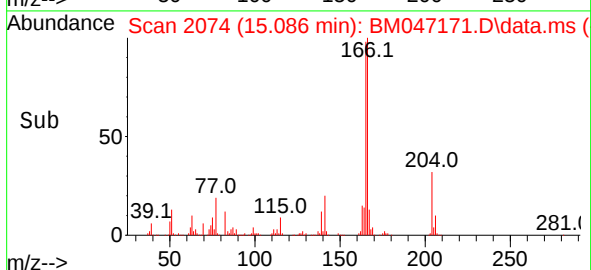
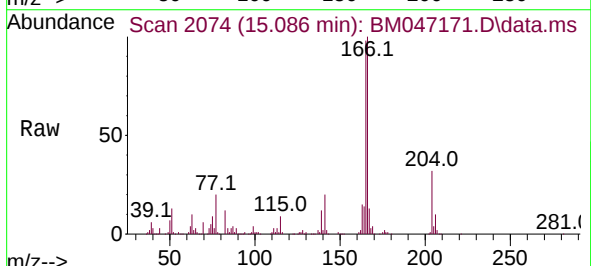
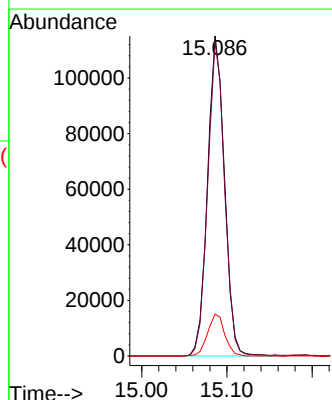
Tgt Ion:166 Resp: 159117

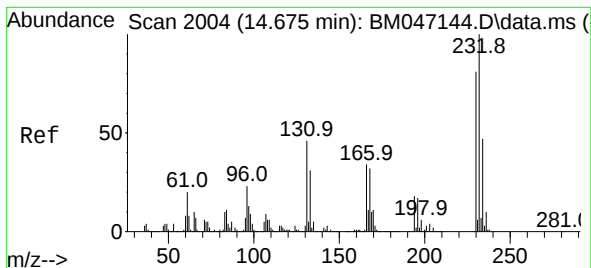
Ion Ratio Lower Upper

166 100

165 98.2 77.4 116.0

167 13.0 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.518 ng

RT: 14.668 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM047171.D

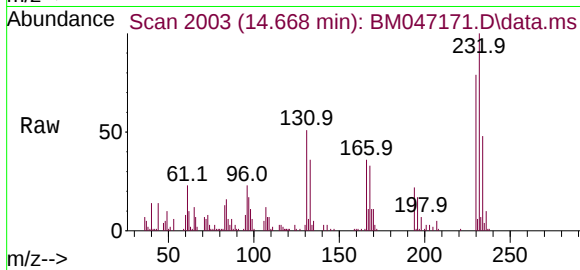
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 36016

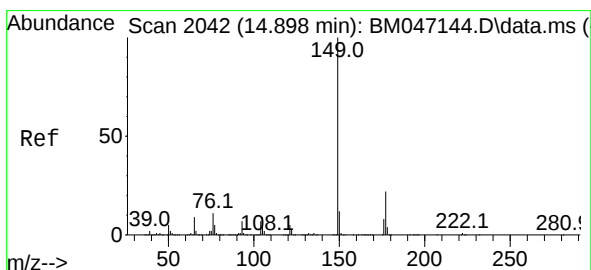
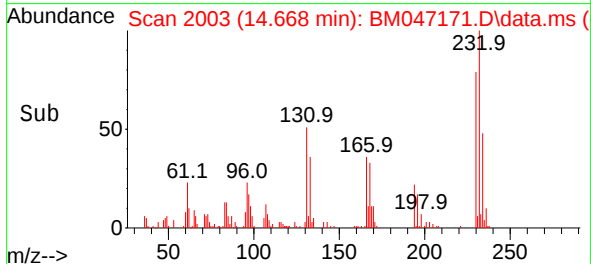
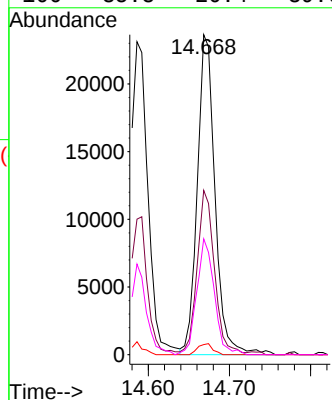
Ion Ratio Lower Upper

232 100

131 48.7 36.9 55.3

130 2.9 2.0 3.0

166 35.8 26.4 39.6



#60

Diethylphthalate

Concen: 3.855 ng

RT: 14.886 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

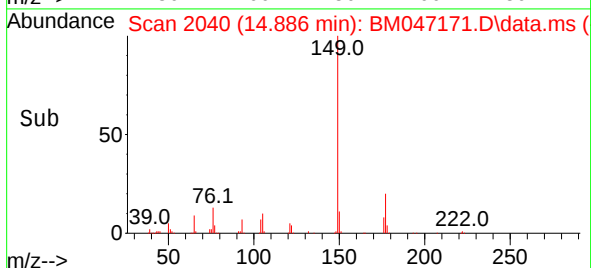
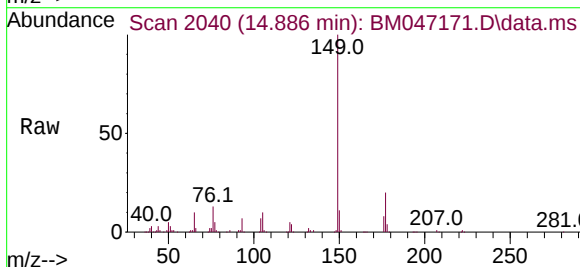
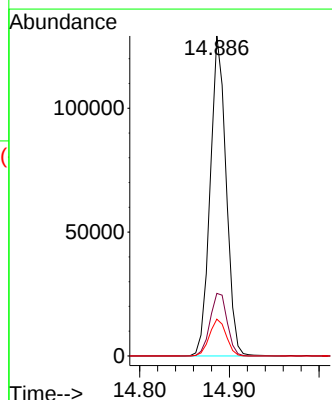
Tgt Ion:149 Resp: 159071

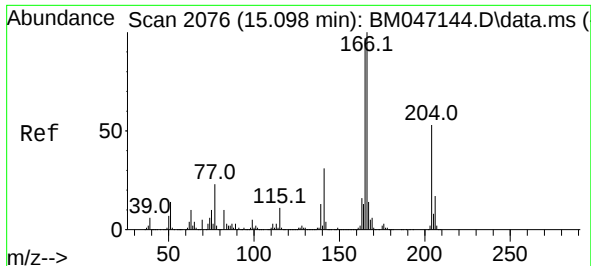
Ion Ratio Lower Upper

149 100

177 19.6 17.6 26.4

150 11.5 9.8 14.6

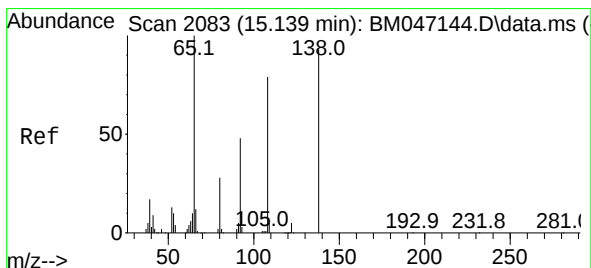
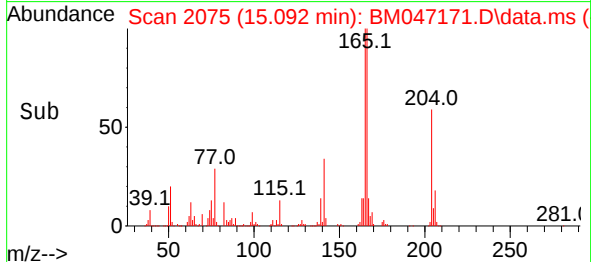
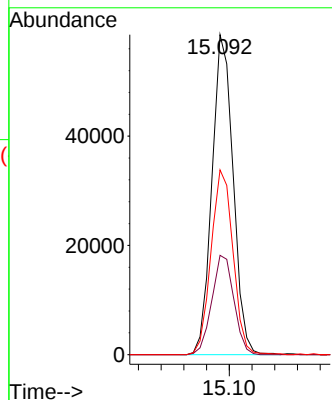
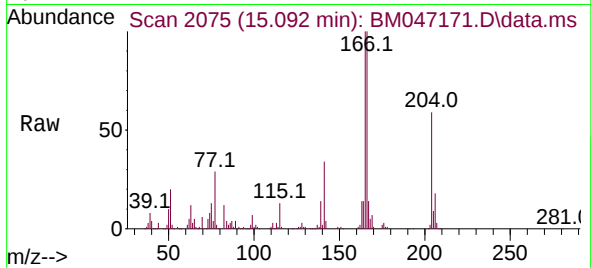




#61
4-Chlorophenyl-phenylether
Concen: 4.059 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

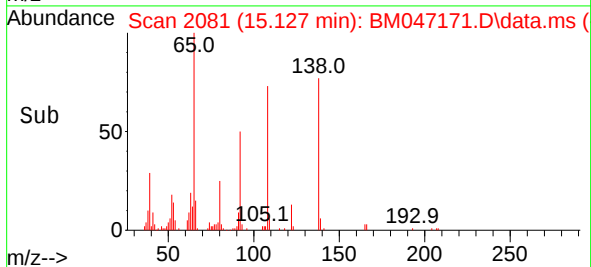
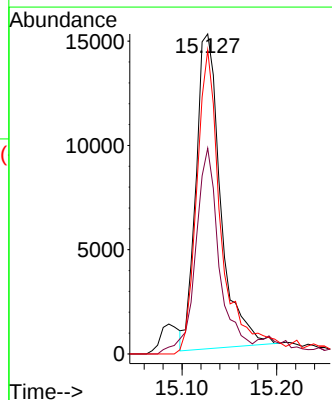
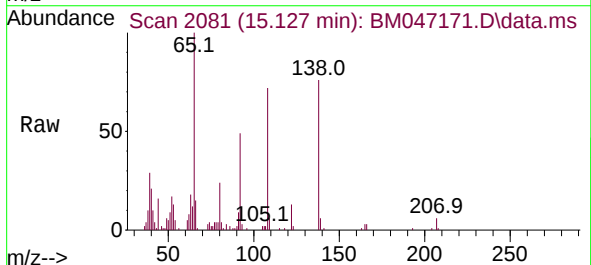
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

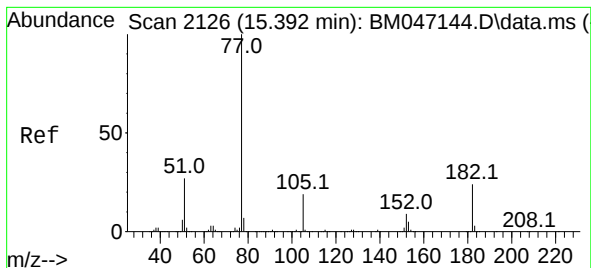
Tgt Ion:204 Resp: 75828
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.4
141 57.8 47.2 70.8



#62
4-Nitroaniline
Concen: 2.935 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:138 Resp: 27371
Ion Ratio Lower Upper
138 100
92 64.3 31.9 71.9
108 95.0 63.8 103.8





#63

Azobenzene

Concen: 4.101 ng

RT: 15.386 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 77 Resp: 160475

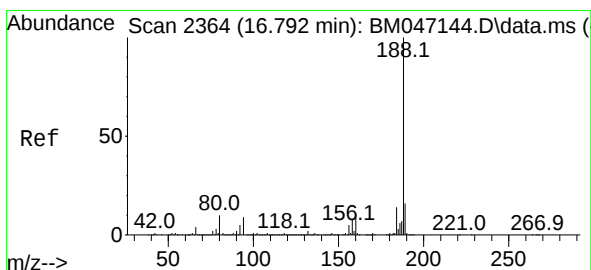
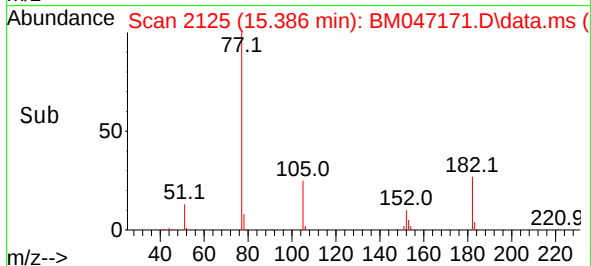
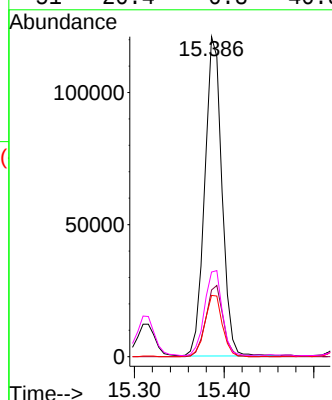
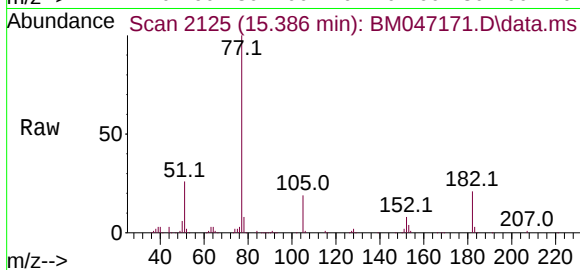
Ion Ratio Lower Upper

77 100

182 20.9 3.8 43.8

105 19.2 0.0 39.5

51 26.4 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

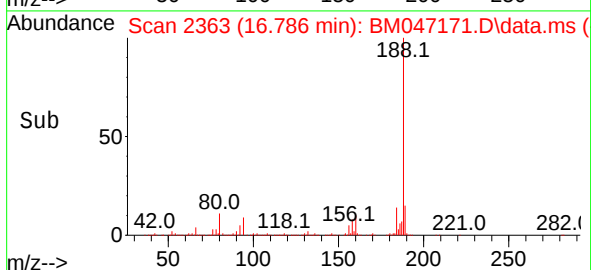
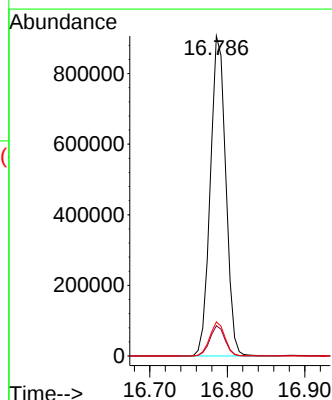
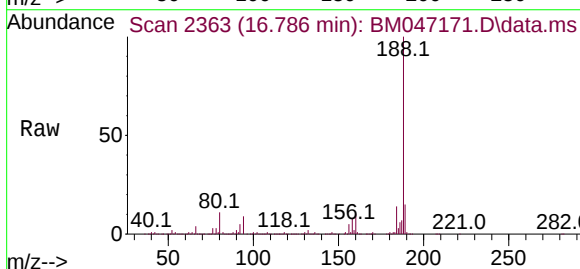
Tgt Ion:188 Resp: 1258334

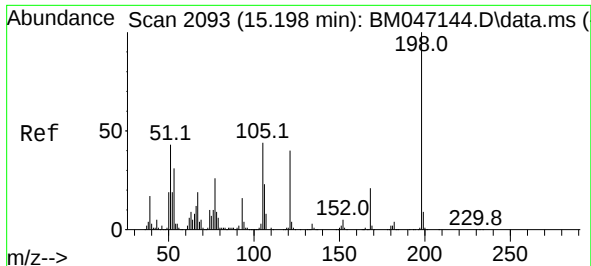
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.7 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 2.443 ng

RT: 15.192 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

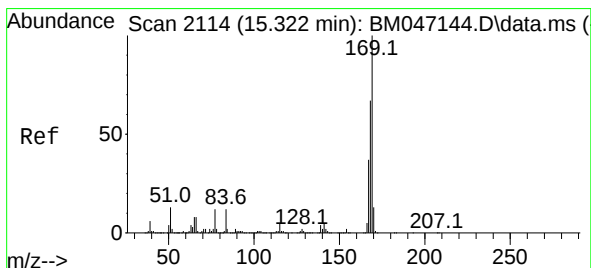
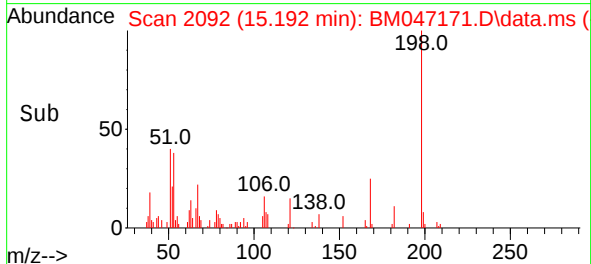
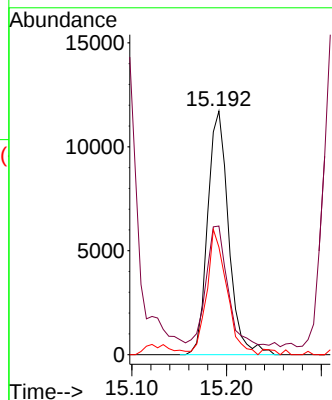
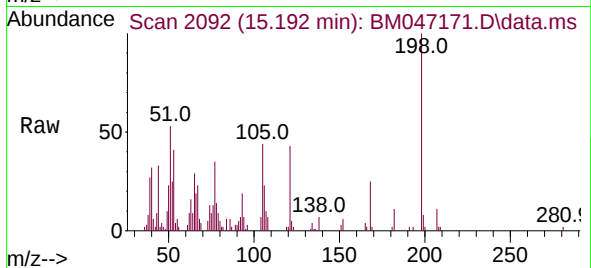
Tgt Ion:198 Resp: 17995

Ion Ratio Lower Upper

198 100

51 52.8 23.9 63.9

105 44.2 24.3 64.3



#66

n-Nitrosodiphenylamine

Concen: 3.969 ng

RT: 15.315 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

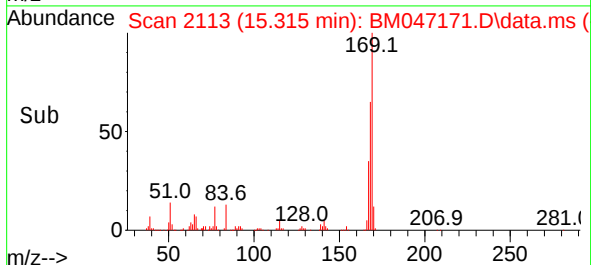
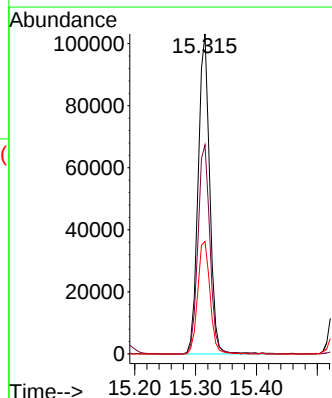
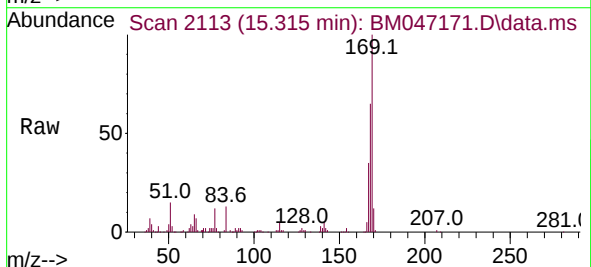
Tgt Ion:169 Resp: 136031

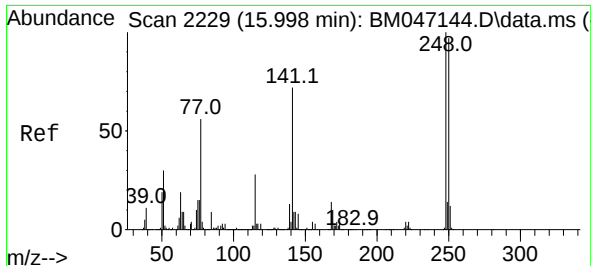
Ion Ratio Lower Upper

169 100

168 65.4 53.8 80.8

167 35.2 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 3.538 ng

RT: 15.992 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BM047171.D

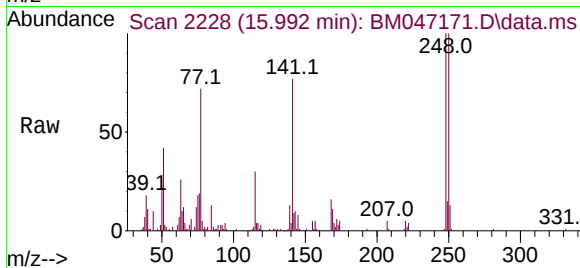
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



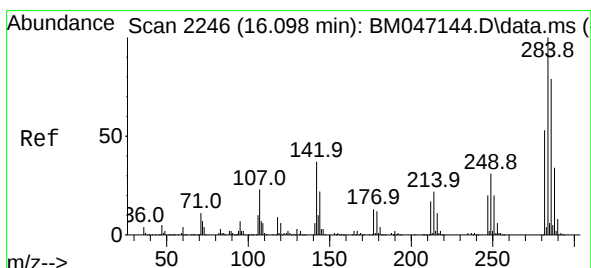
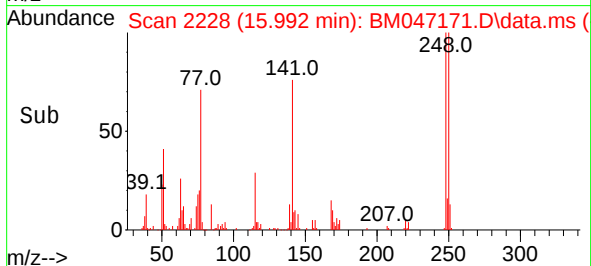
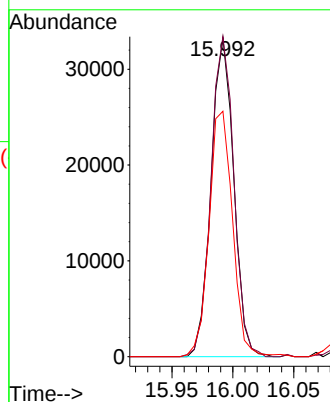
Tgt Ion:248 Resp: 42899

Ion Ratio Lower Upper

248 100

250 100.4 77.8 116.8

141 77.0 57.7 86.5



#68

Hexachlorobenzene

Concen: 3.773 ng

RT: 16.092 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

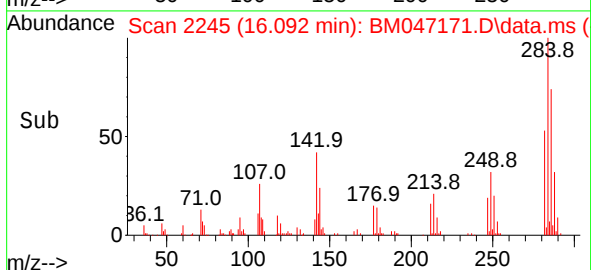
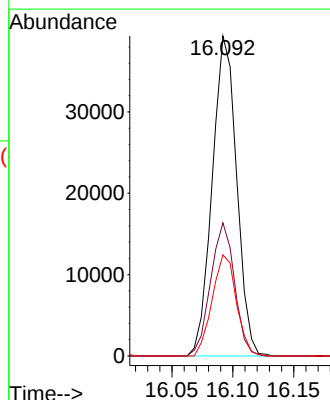
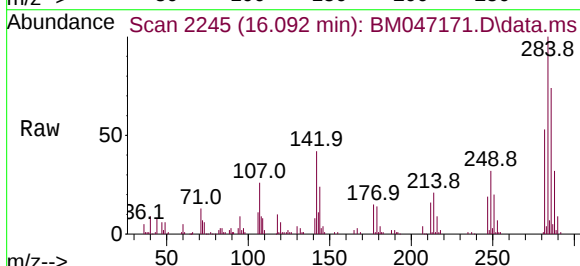
Tgt Ion:284 Resp: 54791

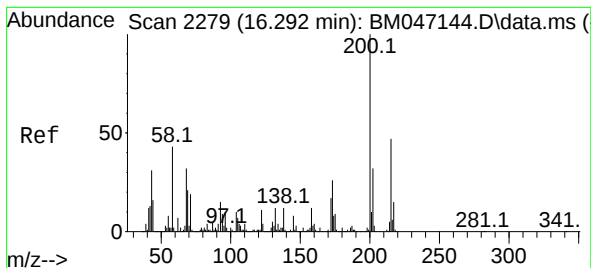
Ion Ratio Lower Upper

284 100

142 41.6 29.4 44.0

249 31.6 25.1 37.7





#69

Atrazine

Concen: 4.139 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

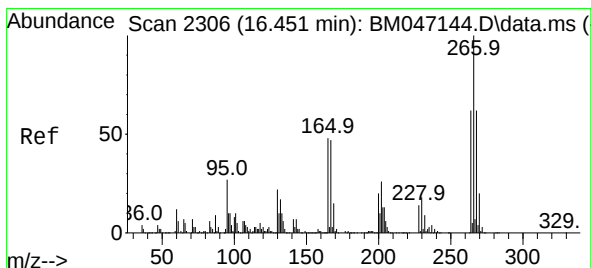
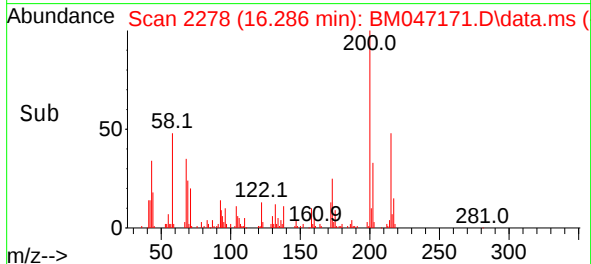
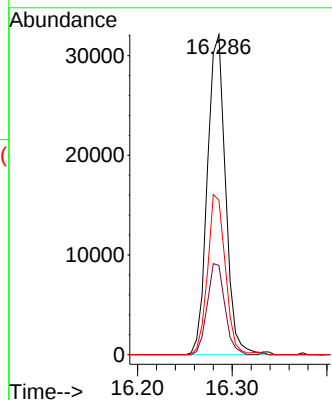
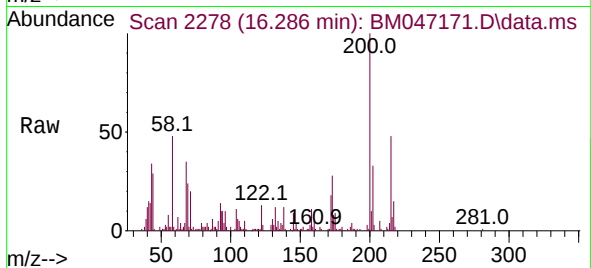
Tgt Ion:200 Resp: 42690

Ion Ratio Lower Upper

200 100

173 27.9 6.1 46.1

215 48.2 26.8 66.8



#70

Pentachlorophenol

Concen: 2.671 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

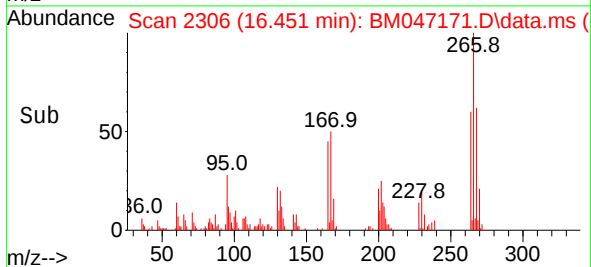
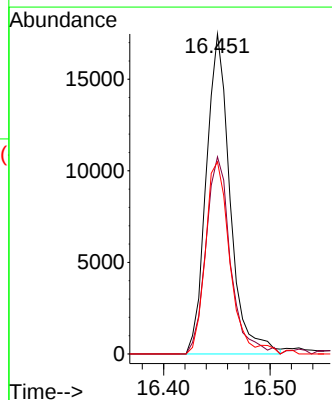
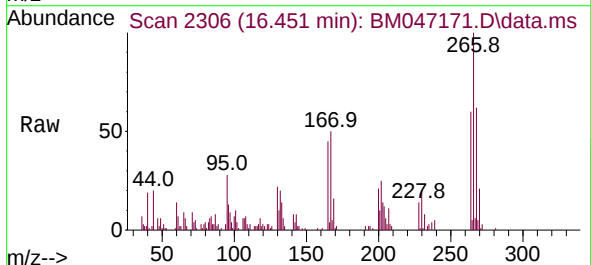
Tgt Ion:266 Resp: 27191

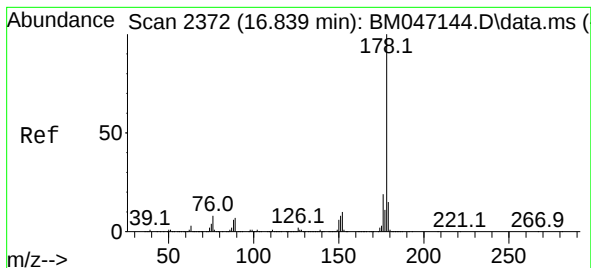
Ion Ratio Lower Upper

266 100

268 61.6 49.8 74.6

264 60.1 49.6 74.4





#71

Phenanthrene

Concen: 4.243 ng

RT: 16.827 min Scan# 2370

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

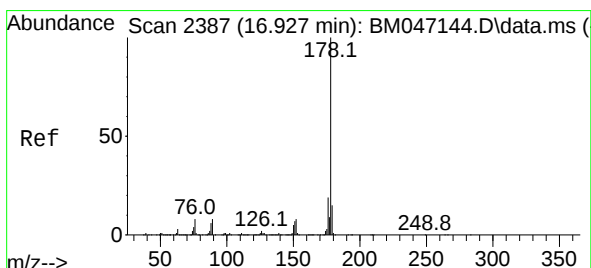
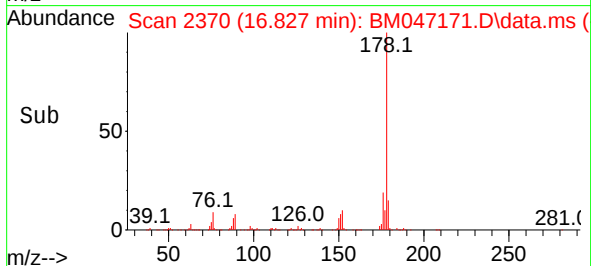
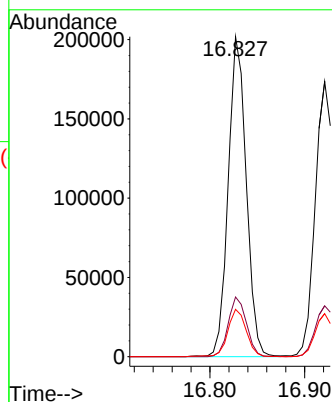
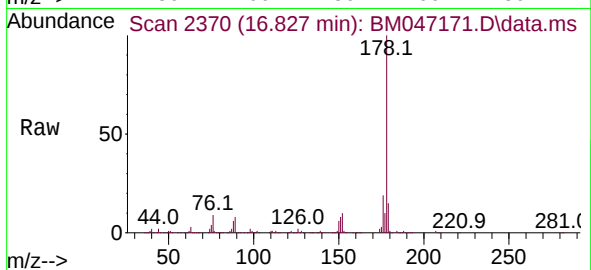
Tgt Ion:178 Resp: 267919

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 14.8 12.4 18.6



#72

Anthracene

Concen: 4.035 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

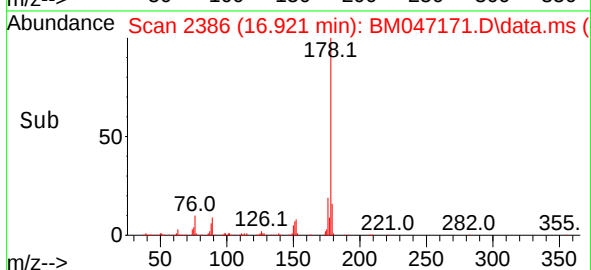
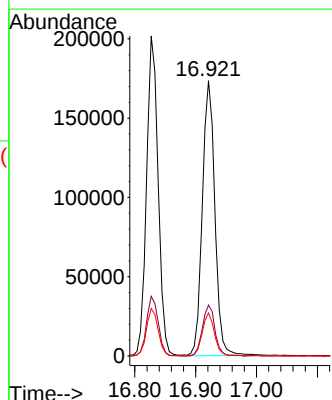
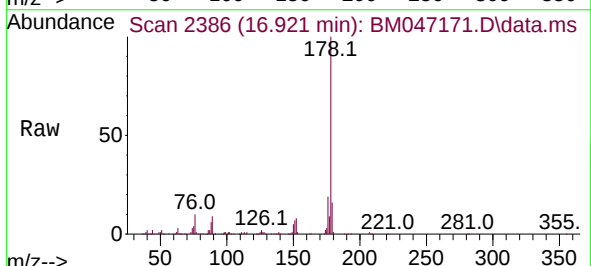
Tgt Ion:178 Resp: 247918

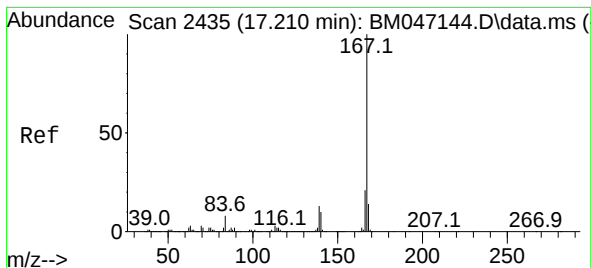
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 3.842 ng

RT: 17.203 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

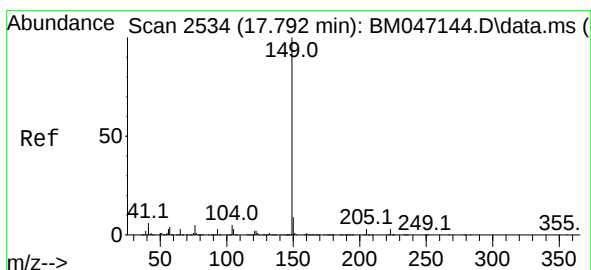
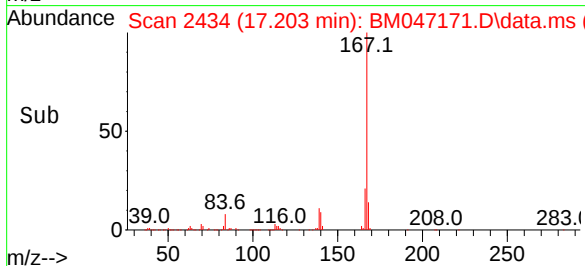
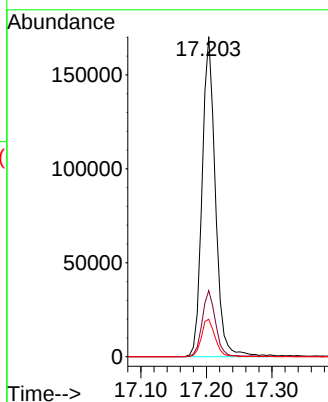
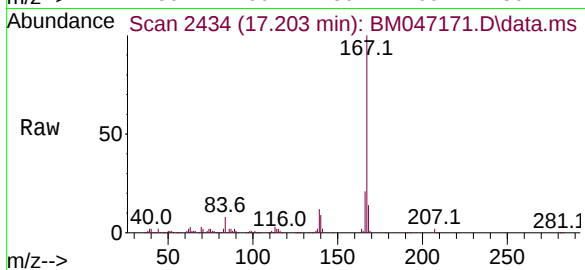
Tgt Ion:167 Resp: 241073

Ion Ratio Lower Upper

167 100

166 20.6 17.1 25.7

139 11.7 10.0 15.0



#74

Di-n-butylphthalate

Concen: 3.484 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

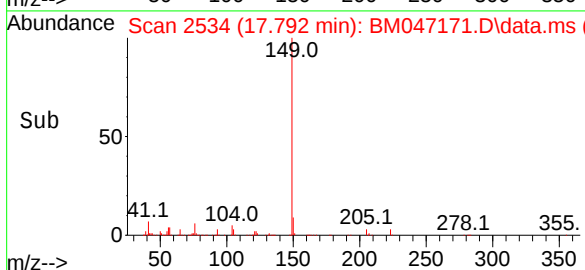
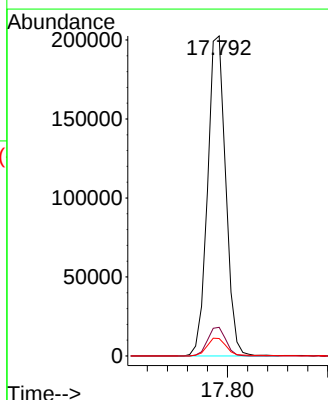
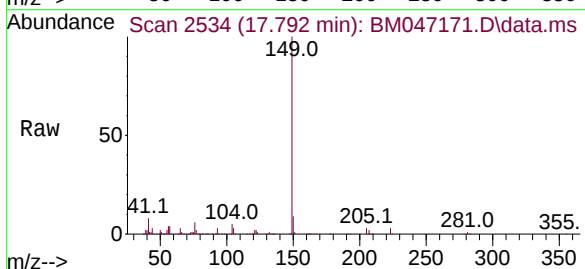
Tgt Ion:149 Resp: 254346

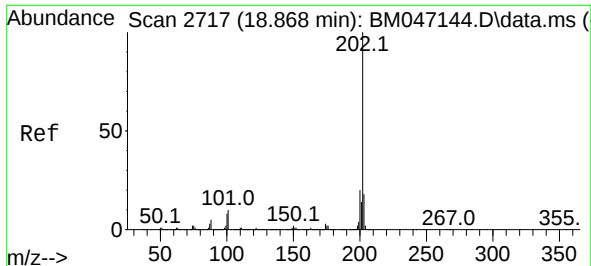
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 5.4 4.1 6.1

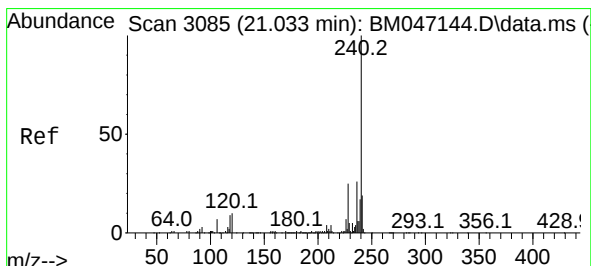
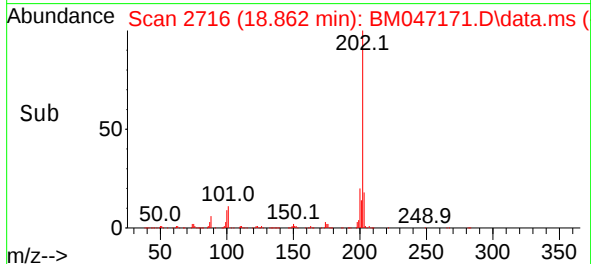
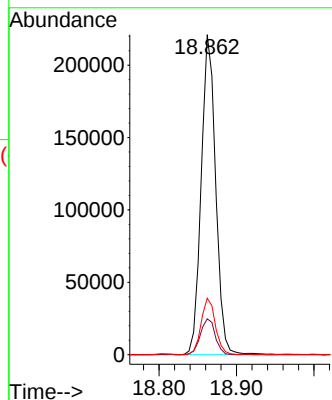
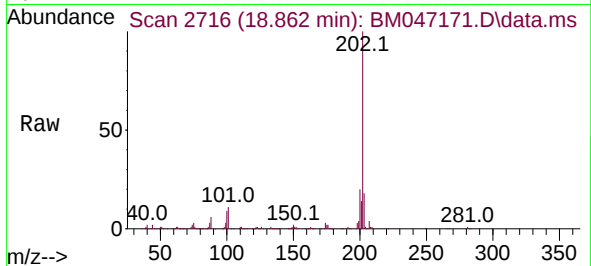




#75
Fluoranthene
Concen: 3.739 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

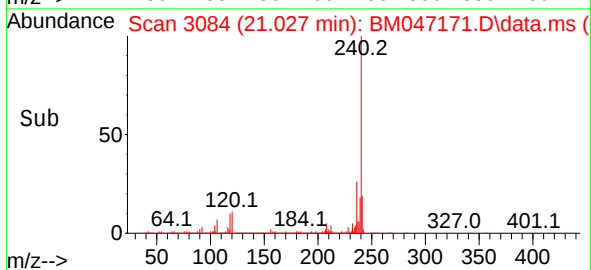
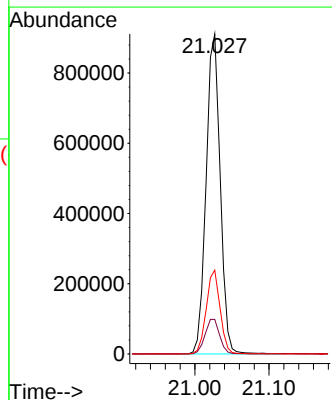
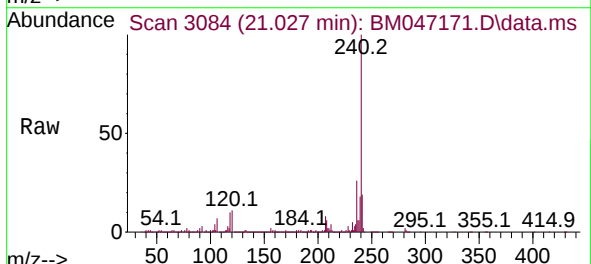
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

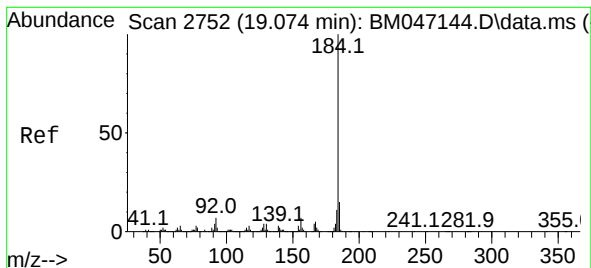
Tgt Ion:202 Resp: 287216
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:240 Resp: 1205514
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 26.2 20.6 30.8





#77

Benzidine

Concen: 4.390 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

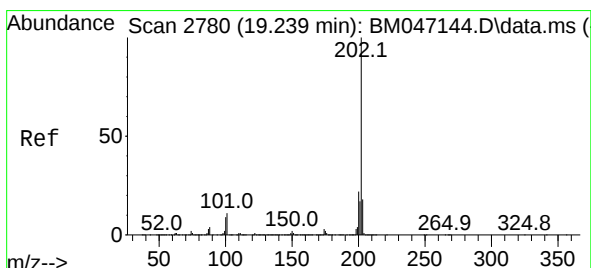
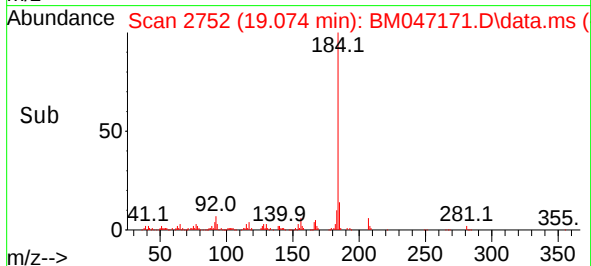
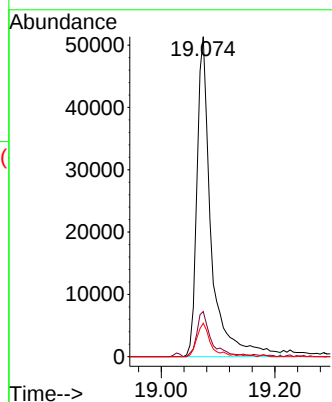
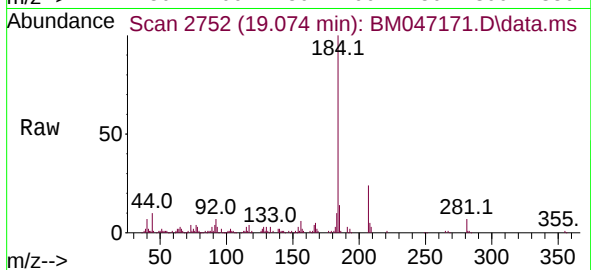
Tgt Ion:184 Resp: 89750

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 10.4 9.0 13.6



#78

Pyrene

Concen: 3.543 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

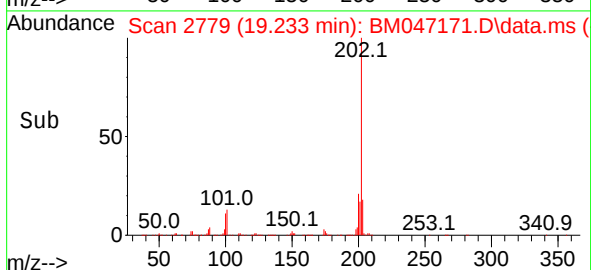
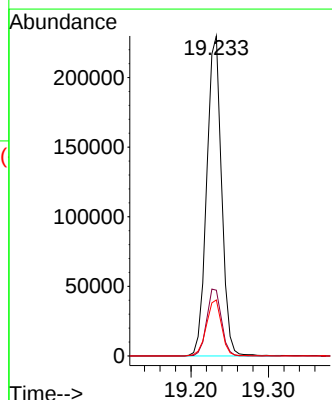
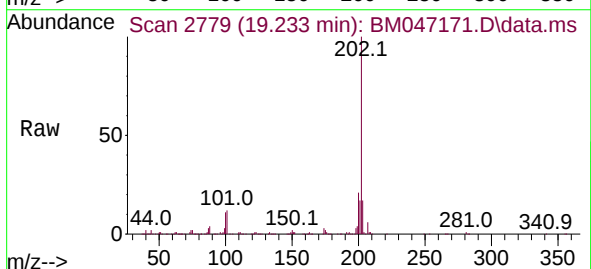
Tgt Ion:202 Resp: 304939

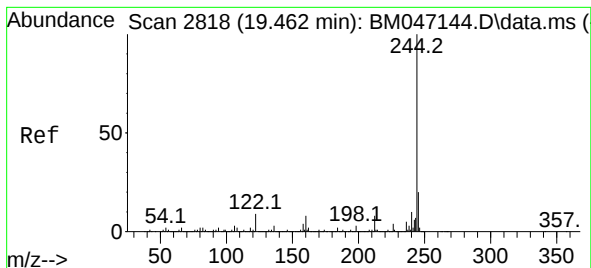
Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 84.568 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047171.D

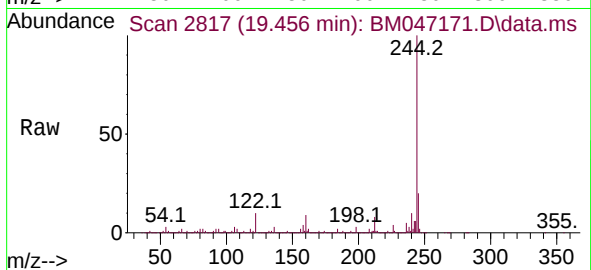
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



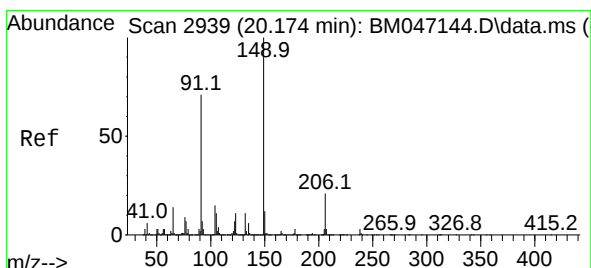
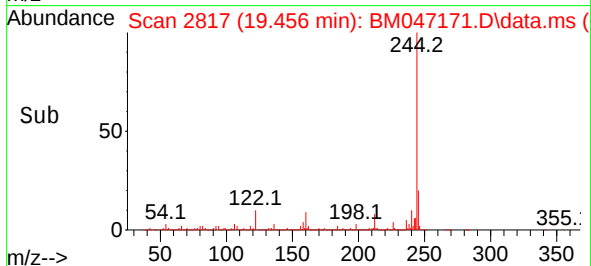
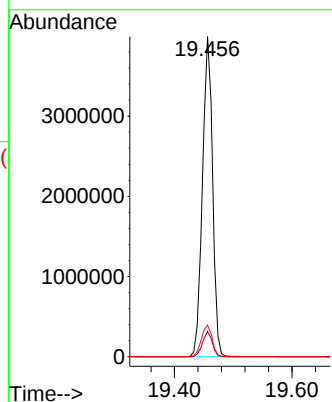
Tgt Ion:244 Resp: 4757776

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 9.8 7.1 10.7



#80

Butylbenzylphthalate

Concen: 3.076 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

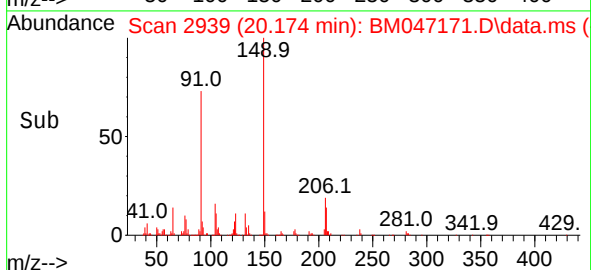
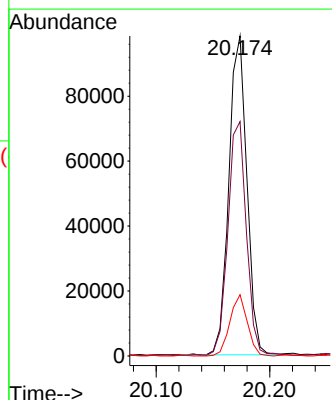
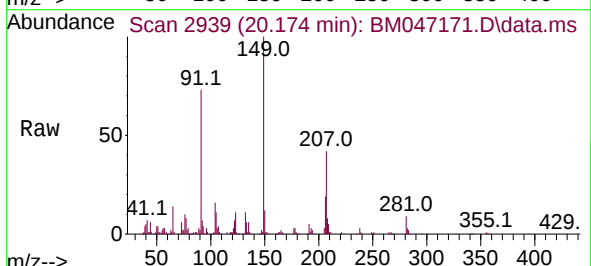
Tgt Ion:149 Resp: 108041

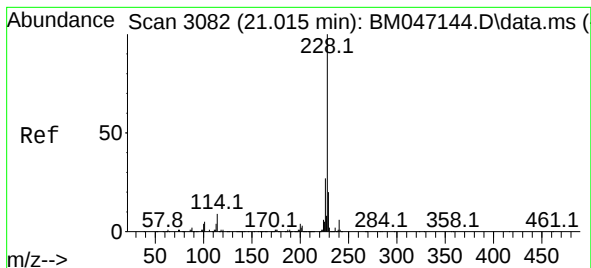
Ion Ratio Lower Upper

149 100

91 73.3 57.0 85.4

206 19.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 3.935 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

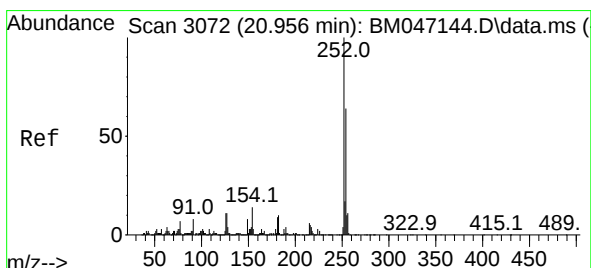
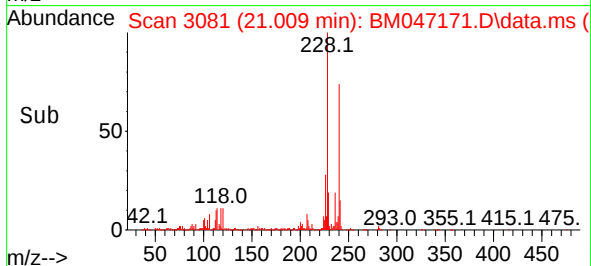
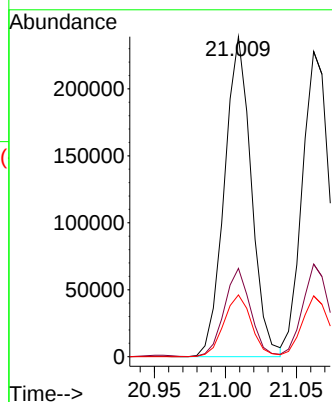
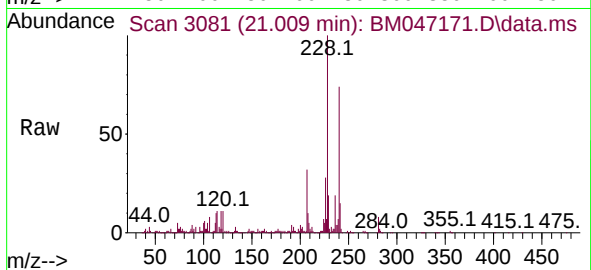
Tgt Ion:228 Resp: 314926

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 3.811 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

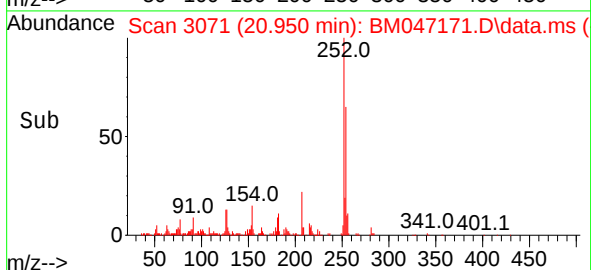
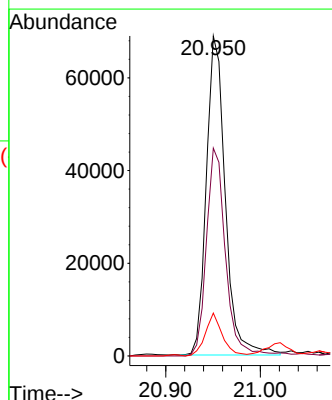
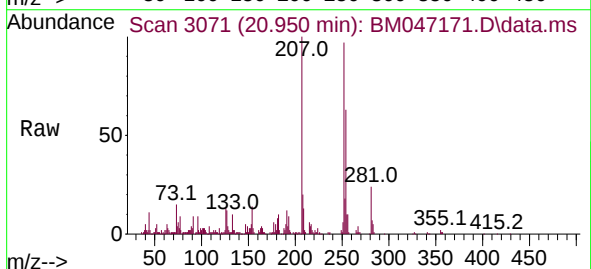
Tgt Ion:252 Resp: 95418

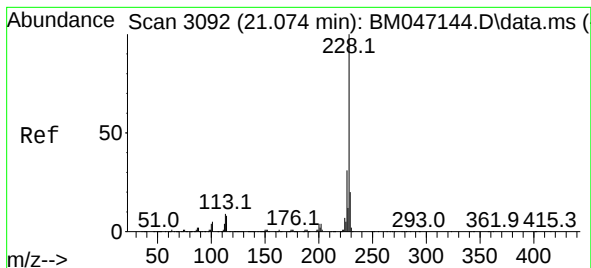
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 13.4 8.5 12.7#





#83

Chrysene

Concen: 4.027 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

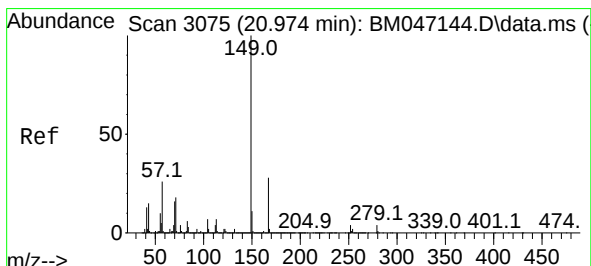
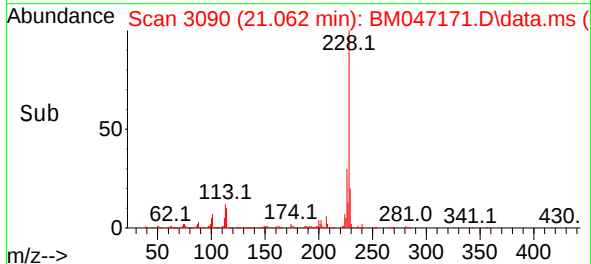
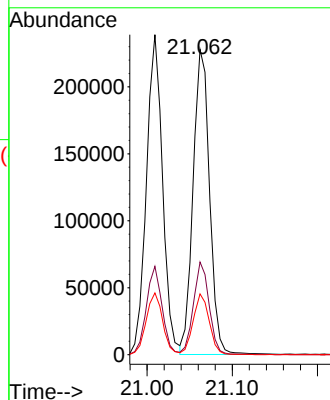
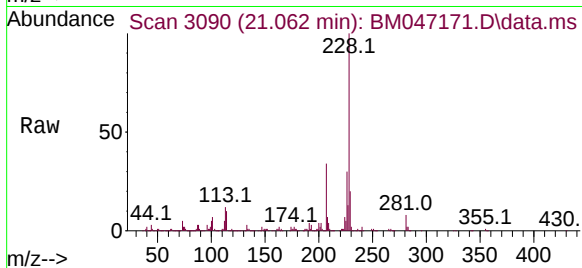
Tgt Ion:228 Resp: 305786

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.186 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

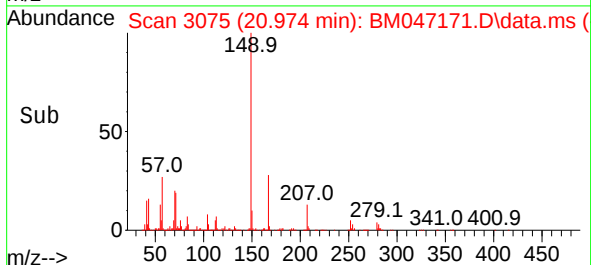
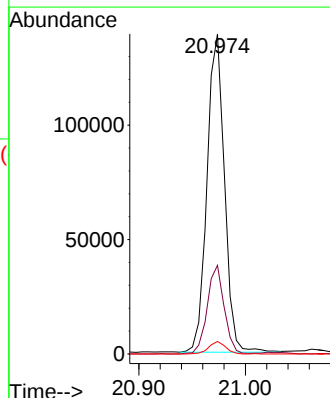
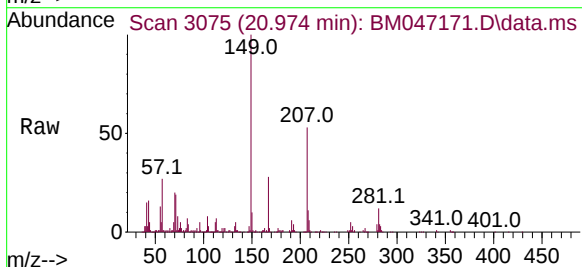
Tgt Ion:149 Resp: 158726

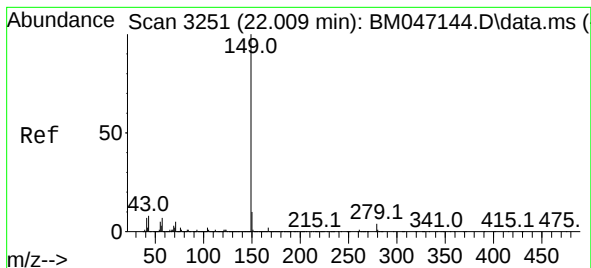
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.905 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

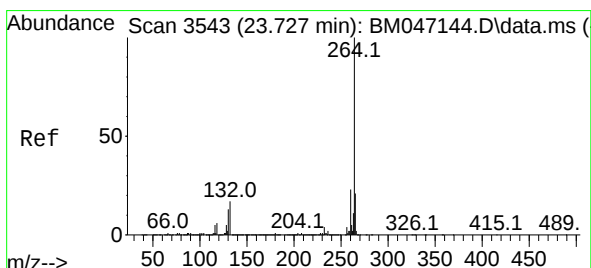
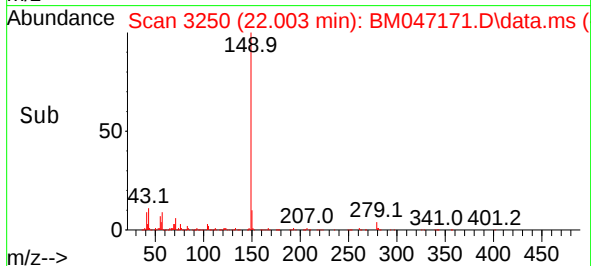
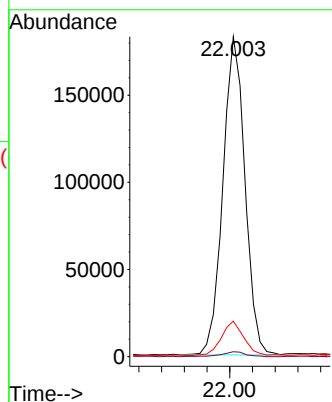
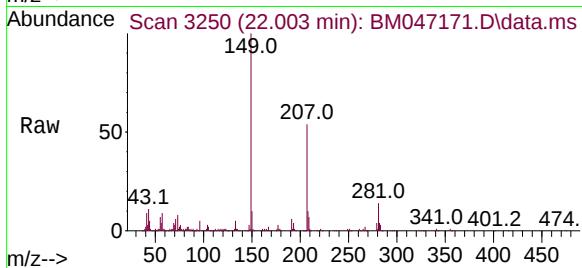
Tgt Ion:149 Resp: 245976

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.9 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

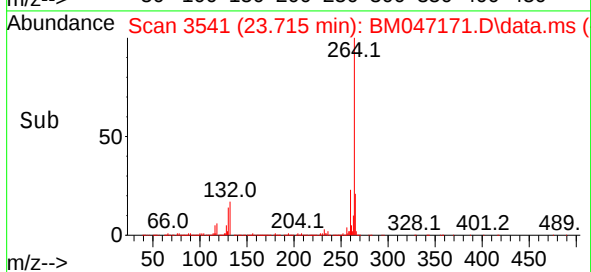
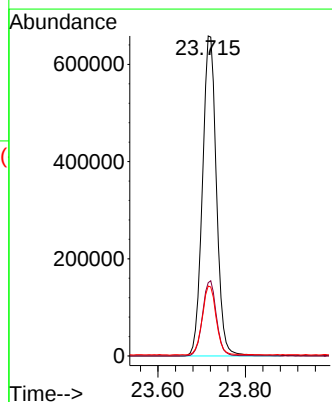
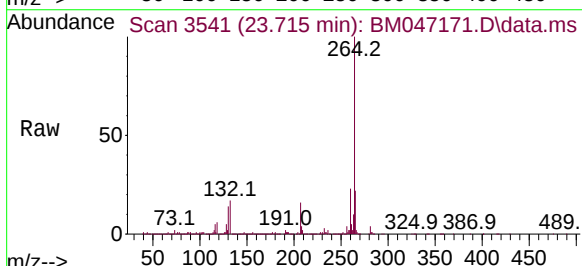
Tgt Ion:264 Resp: 1467419

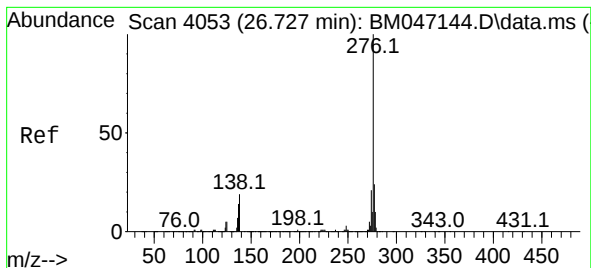
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.945 ng

RT: 26.697 min Scan# 4053

Delta R.T. -0.030 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

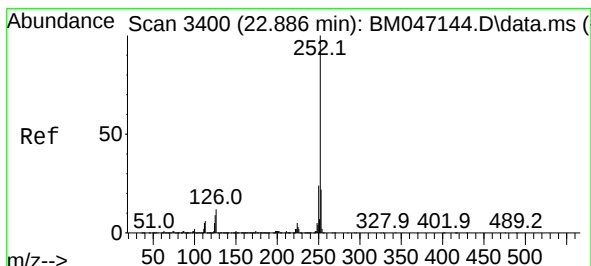
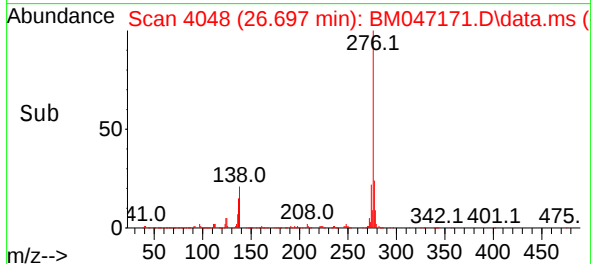
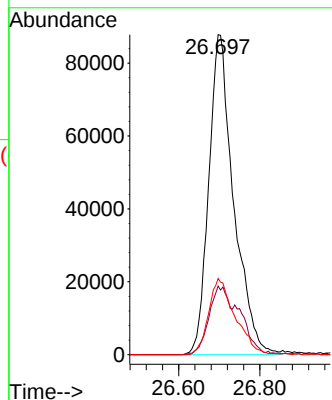
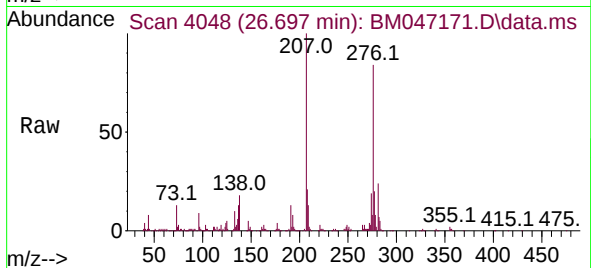
Tgt Ion:276 Resp: 374205

Ion Ratio Lower Upper

276 100

138 17.8 19.4 29.0#

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 3.690 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

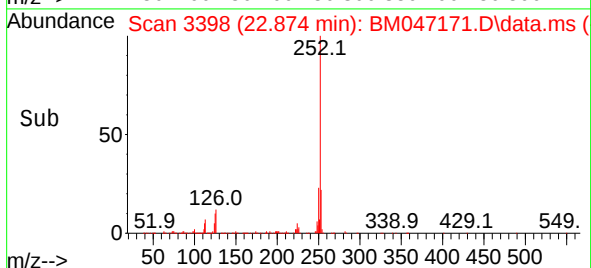
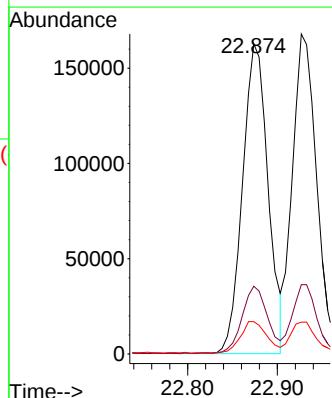
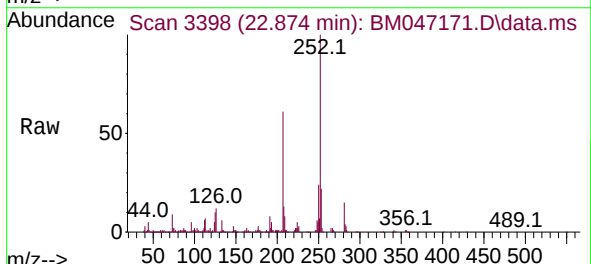
Tgt Ion:252 Resp: 321547

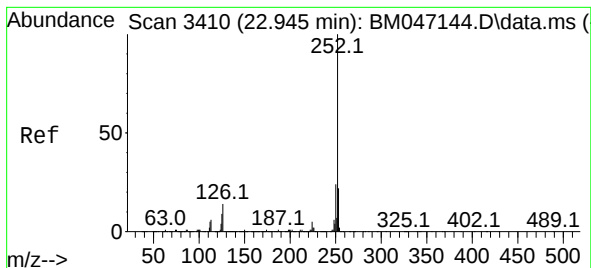
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 3.830 ng

RT: 22.927 min Scan# 3410

Delta R.T. -0.018 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

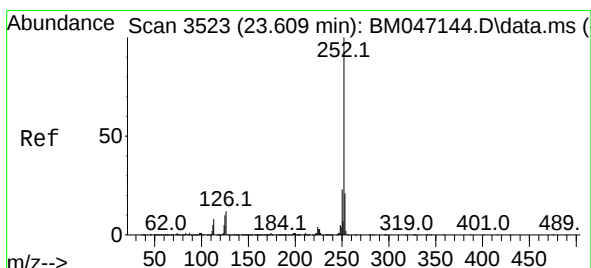
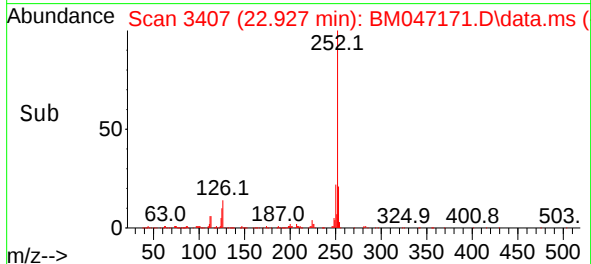
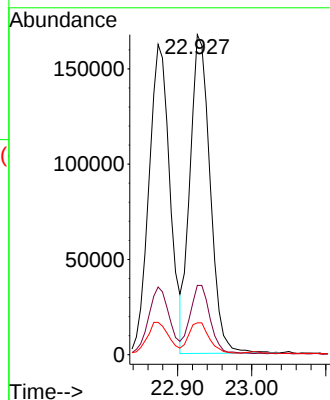
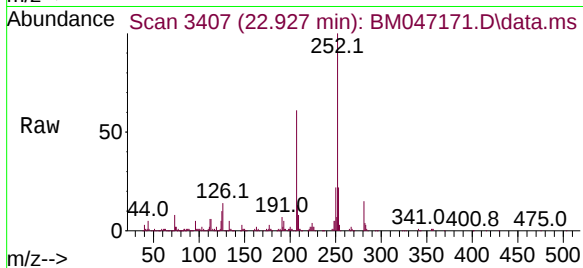
Tgt Ion:252 Resp: 315275

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 3.733 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

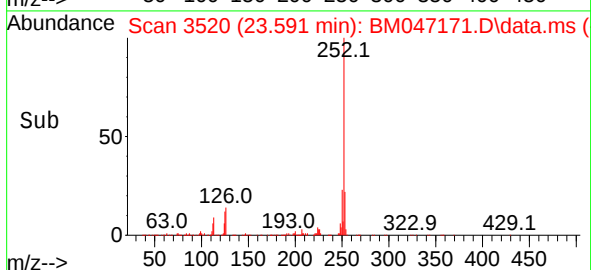
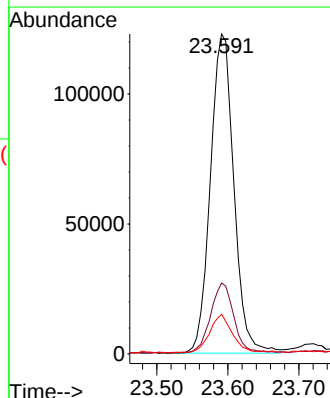
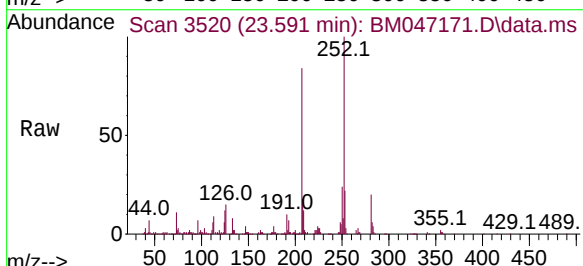
Tgt Ion:252 Resp: 281806

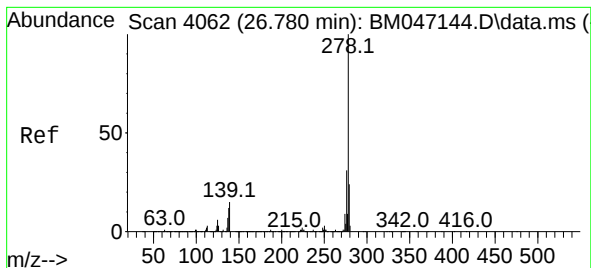
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 12.4 8.2 12.2#





#91

Dibenzo(a,h)anthracene

Concen: 4.065 ng

RT: 26.750 min Scan# 4062

Delta R.T. -0.030 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

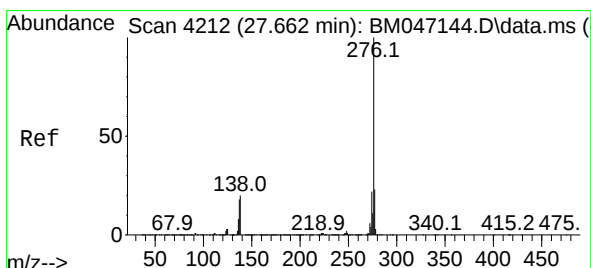
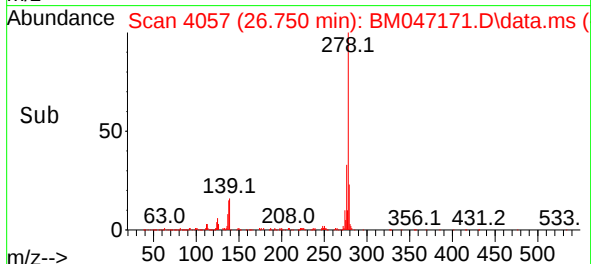
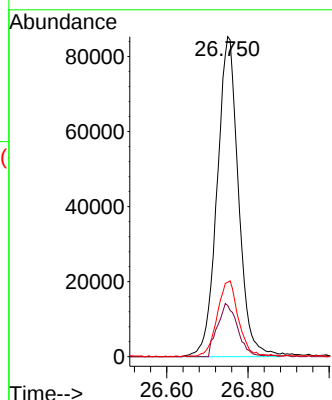
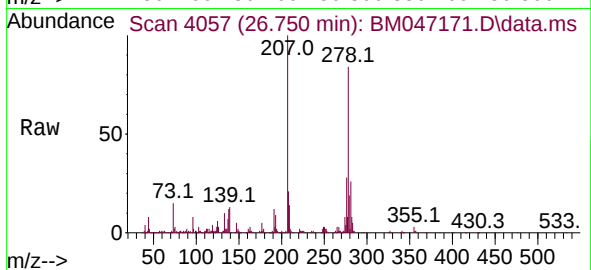
Tgt Ion:278 Resp: 312061

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.859 ng

RT: 27.620 min Scan# 4205

Delta R.T. -0.041 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:276 Resp: 307588

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 22.3 16.2 24.4

