

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047173.D
 Acq On : 13 Aug 2024 13:47
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-8NG
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 13 14:24:08 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	205374	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	878013	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	587912	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1295651	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1223995	20.000	ng	0.00
86) Perylene-d12	23.721	264	1419644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1461735	127.177	ng	0.00
7) Phenol-d6	6.581	99	2015501	127.263	ng	0.00
23) Nitrobenzene-d5	8.516	82	1488749	85.378	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	887164	130.141	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3157630	82.848	ng	0.00
79) Terphenyl-d14	19.456	244	4842848	84.780	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	41471	8.708	ng	96
3) Pyridine	3.416	79	105082	7.525	ng	96
4) n-Nitrosodimethylamine	3.328	42	51510	8.443	ng	# 99
6) Aniline	6.716	93	151242	10.104	ng	99
8) 2-Chlorophenol	6.945	128	106707	8.512	ng	97
9) Benzaldehyde	6.534	77	106469	9.462	ng	97
10) Phenol	6.604	94	128610	8.138	ng	96
11) bis(2-Chloroethyl)ether	6.822	93	112499	8.313	ng	98
12) 1,3-Dichlorobenzene	7.257	146	119647	8.032	ng	99
13) 1,4-Dichlorobenzene	7.404	146	122177	8.101	ng	98
14) 1,2-Dichlorobenzene	7.710	146	116622	8.195	ng	99
15) Benzyl Alcohol	7.622	79	85490	7.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.892	45	162099	9.334	ng	99
17) 2-Methylphenol	7.828	107	86086	8.165	ng	97
18) Hexachloroethane	8.422	117	45990	7.872	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	96054	9.004	ng	92
20) 3+4-Methylphenols	8.157	107	119633	8.117	ng	97
22) Acetophenone	8.187	105	182282	8.601	ng	# 96
24) Nitrobenzene	8.557	77	148487	8.457	ng	99
25) Isophorone	9.081	82	247786	8.161	ng	100
26) 2-Nitrophenol	9.257	139	51415	6.612	ng	96
27) 2,4-Dimethylphenol	9.339	122	72228	7.930	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	158860	8.316	ng	99
29) 2,4-Dichlorophenol	9.792	162	98297	7.273	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	117083	7.655	ng	99
31) Naphthalene	10.175	128	353330	8.078	ng	98
32) Benzoic acid	9.439	122	47126	4.453	ng	96
33) 4-Chloroaniline	10.304	127	142877	8.494	ng	99
34) Hexachlorobutadiene	10.463	225	62454	6.976	ng	99
35) Caprolactam	11.081	113	32700	6.967	ng	# 88
36) 4-Chloro-3-methylphenol	11.445	107	105685	7.343	ng	99
37) 2-Methylnaphthalene	11.804	142	250673	8.049	ng	98
38) 1-Methylnaphthalene	12.028	142	236490	7.684	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	121333	7.566	ng	99
41) Hexachlorocyclopentadiene	12.157	237	45557	8.136	ng	94
43) 2,4,6-Trichlorophenol	12.439	196	77806	6.827	ng	100

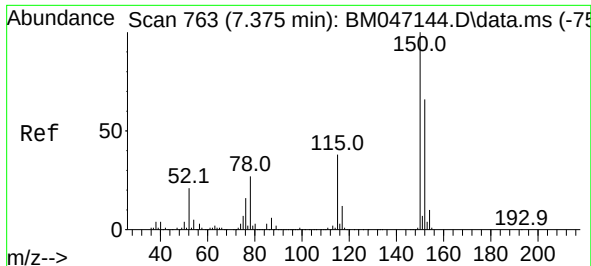
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
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Instrument :
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 MDL-WATER-03-QT3-2024

Quant Time: Aug 13 14:24:08 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)
44) 2,4,5-Trichlorophenol	12.516	196	86744	6.855	ng	96
46) 1,1'-Biphenyl	12.851	154	348214	8.320	ng	99
47) 2-Chloronaphthalene	12.880	162	266726	8.153	ng	99
48) 2-Nitroaniline	13.110	65	77240	7.537	ng	89
49) Acenaphthylene	13.745	152	426763	8.850	ng	100
50) Dimethylphthalate	13.504	163	331868	8.082	ng	100
51) 2,6-Dinitrotoluene	13.621	165	67146	6.996	ng	96
52) Acenaphthene	14.092	154	247194	8.081	ng	99
53) 3-Nitroaniline	13.951	138	68674	7.140	ng	# 88
54) 2,4-Dinitrophenol	14.169	184	26009	4.521	ng	92
55) Dibenzofuran	14.433	168	410604	8.498	ng	99
56) 4-Nitrophenol	14.292	139	53635	6.467	ng	90
57) 2,4-Dinitrotoluene	14.421	165	89788	7.008	ng	# 88
58) Fluorene	15.086	166	330740	8.296	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	74335	7.147	ng	95
60) Diethylphthalate	14.886	149	327971	7.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.092	204	154457	8.138	ng	99
62) 4-Nitroaniline	15.127	138	65534	6.916	ng	92
63) Azobenzene	15.386	77	339230	8.533	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	41495	5.470	ng	93
66) n-Nitrosodiphenylamine	15.316	169	281235	7.969	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	91641	7.340	ng	98
68) Hexachlorobenzene	16.092	284	112267	7.508	ng	95
69) Atrazine	16.286	200	93285	8.784	ng	98
70) Pentachlorophenol	16.451	266	58475	5.579	ng	98
71) Phenanthrene	16.833	178	535987	8.243	ng	100
72) Anthracene	16.921	178	520703	8.230	ng	99
73) Carbazole	17.204	167	499722	7.736	ng	100
74) Di-n-butylphthalate	17.792	149	544404	7.243	ng	98
75) Fluoranthene	18.862	202	585822	7.407	ng	98
77) Benzidine	19.074	184	226921	10.932	ng	100
78) Pyrene	19.233	202	627668	7.182	ng	99
80) Butylbenzylphthalate	20.174	149	235259	6.596	ng	98
81) Benzo(a)anthracene	21.009	228	634899	7.814	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	207029	8.143	ng	98
83) Chrysene	21.068	228	603192	7.824	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	344883	6.818	ng	99
85) Di-n-octyl phthalate	22.009	149	540319	6.285	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.703	276	716650	7.810	ng	98
88) Benzo(b)fluoranthene	22.880	252	625057	7.414	ng	99
89) Benzo(k)fluoranthene	22.933	252	637420	8.005	ng	99
90) Benzo(a)pyrene	23.597	252	561152	7.684	ng	98
91) Dibenzo(a,h)anthracene	26.756	278	586085	7.892	ng	98
92) Benzo(g,h,i)perylene	27.626	276	575053	7.458	ng	98

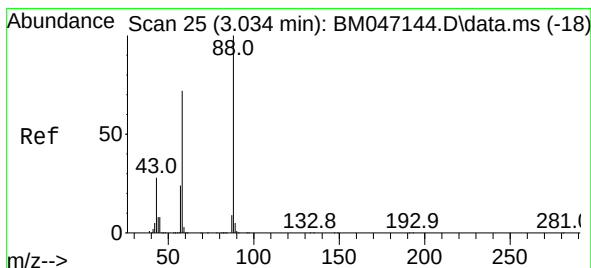
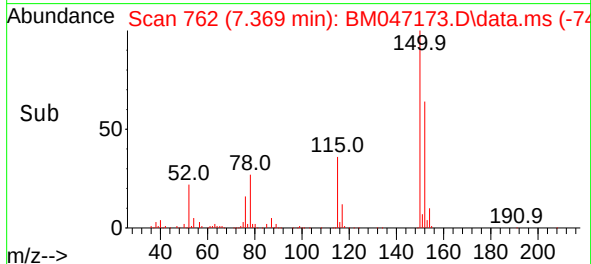
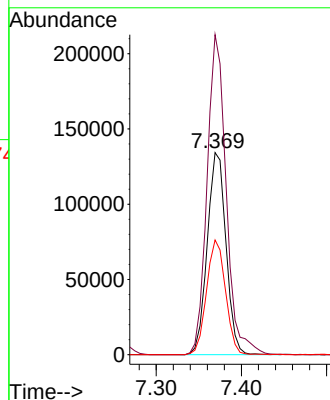
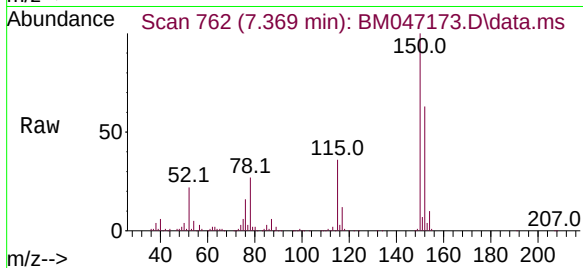
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047173.D
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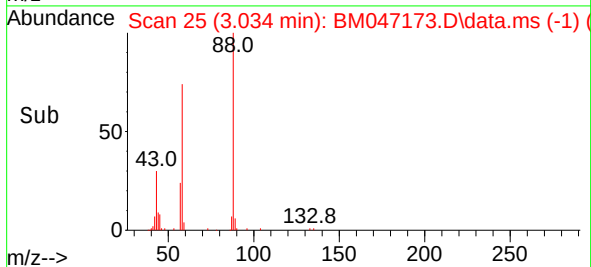
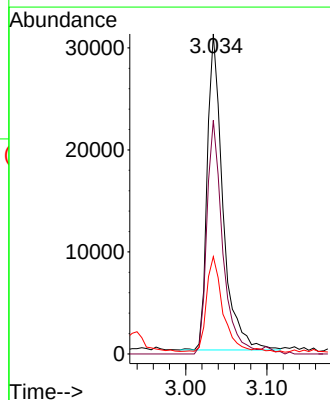
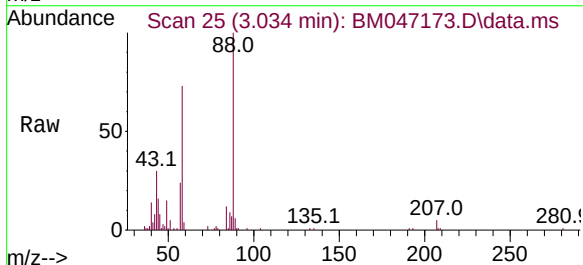
Instrument :
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MDL-WATER-03-QT3-2024

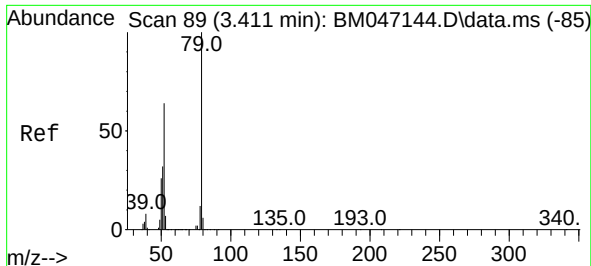
Tgt Ion:152 Resp: 205374
Ion Ratio Lower Upper
152 100
150 158.4 120.5 180.7
115 56.8 45.5 68.3



#2
1,4-Dioxane
Concen: 8.708 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 88 Resp: 41471
Ion Ratio Lower Upper
88 100
58 74.2 58.2 87.4
43 32.6 22.5 33.7

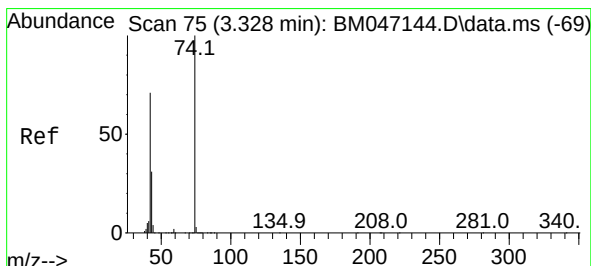
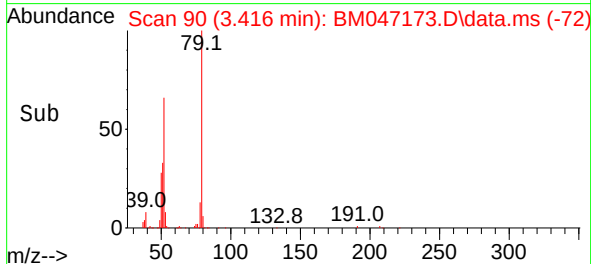
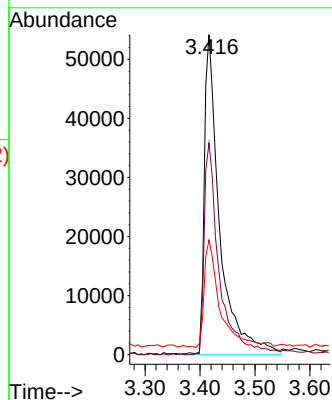
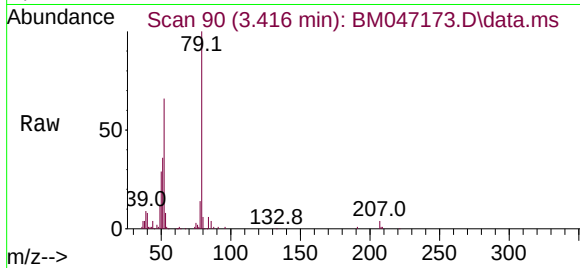




#3
 Pyridine
 Concen: 7.525 ng
 RT: 3.416 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

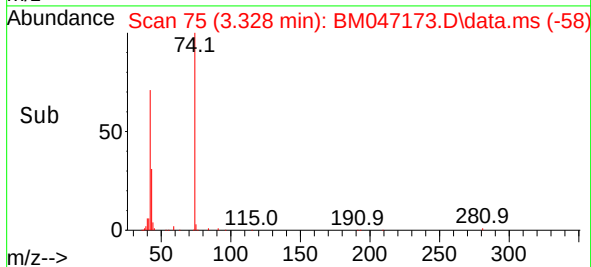
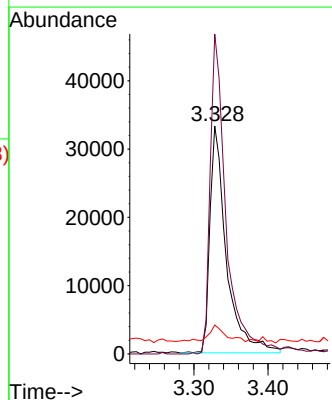
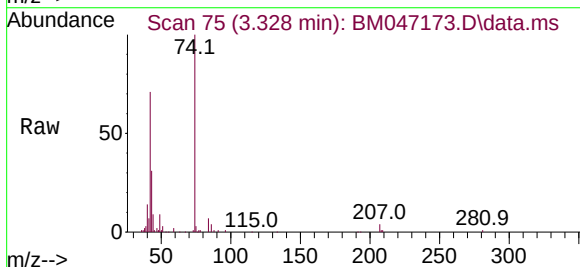
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT3-2024

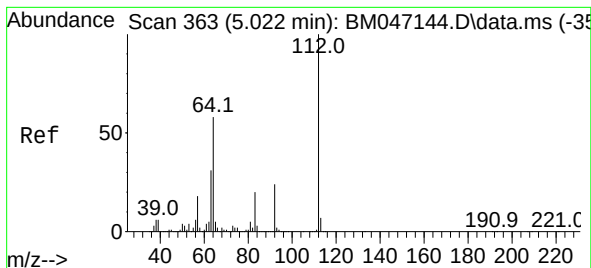
Tgt Ion: 79 Resp: 105082
 Ion Ratio Lower Upper
 79 100
 52 66.1 51.2 76.8
 51 35.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 8.443 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

Tgt Ion: 42 Resp: 51510
 Ion Ratio Lower Upper
 42 100
 74 140.4 112.9 169.3
 44 12.7 5.3 7.9#





#5

2-Fluorophenol

Concen: 127.177 ng

RT: 5.022 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

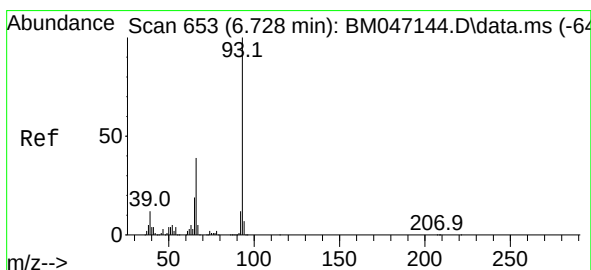
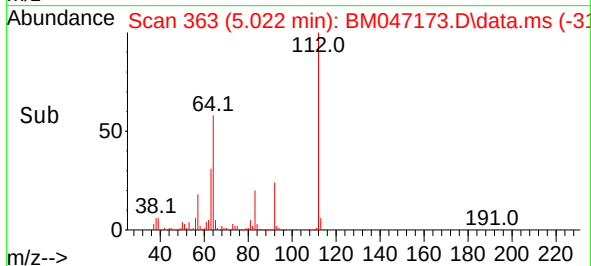
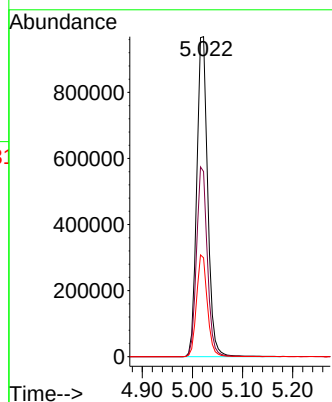
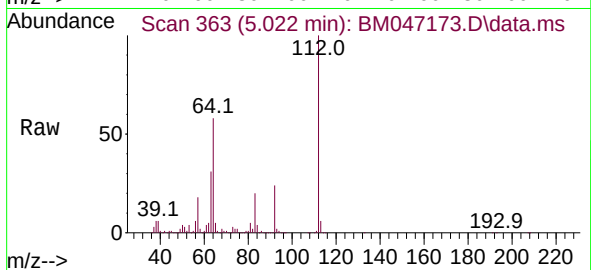
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 1461735

Ion Ratio Lower Upper

112	100		
64	57.9	46.7	70.1
63	30.9	24.8	37.2



#6

Aniline

Concen: 10.104 ng

RT: 6.716 min Scan# 651

Delta R.T. -0.012 min

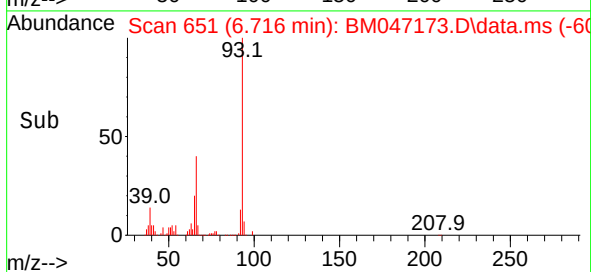
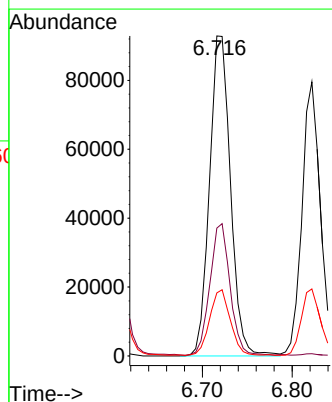
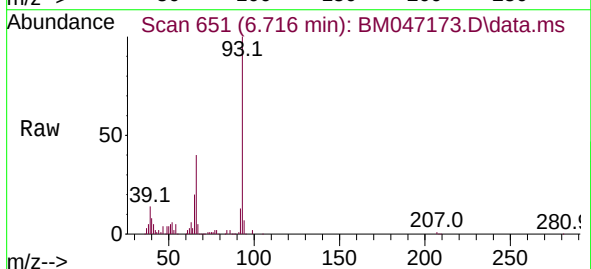
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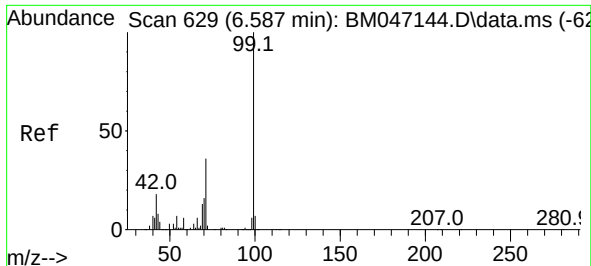
Acq: 13 Aug 2024 13:47

Tgt Ion: 93 Resp: 151242

Ion Ratio Lower Upper

93	100		
66	39.9	31.4	47.2
65	19.7	15.6	23.4

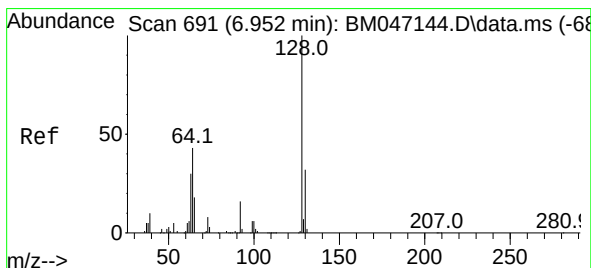
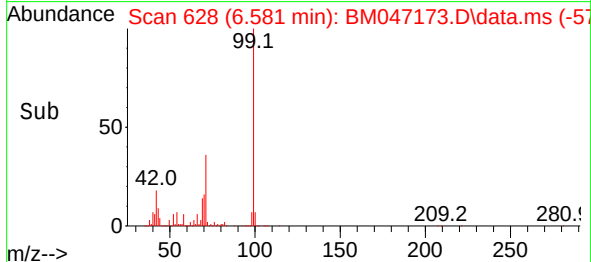
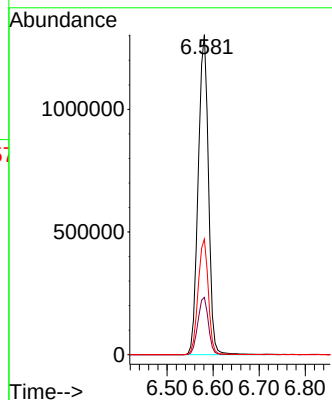
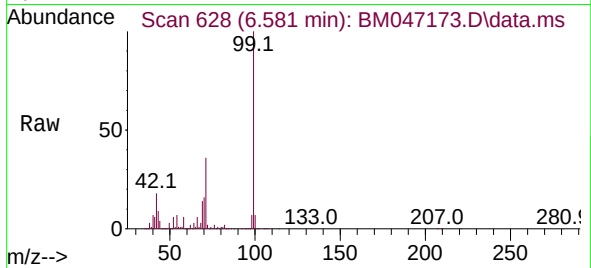




#7
Phenol-d6
Concen: 127.263 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

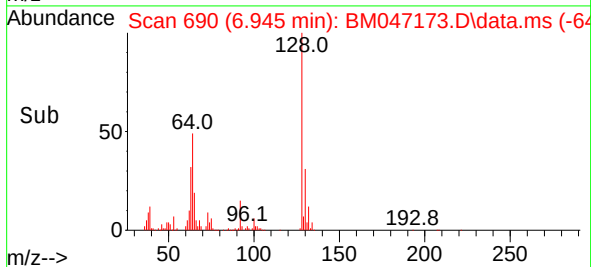
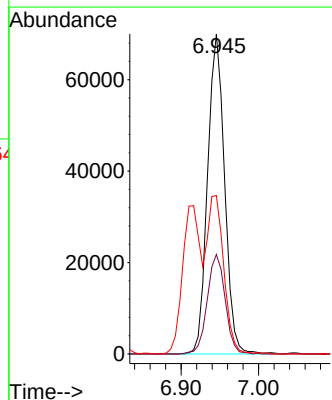
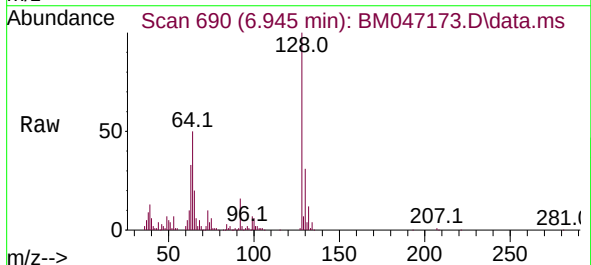
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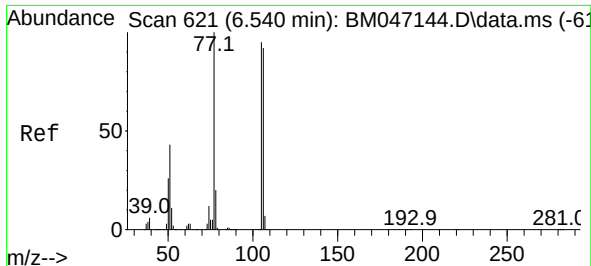
Tgt Ion: 99 Resp: 2015501
Ion Ratio Lower Upper
99 100
42 17.9 14.1 21.1
71 36.2 28.5 42.7



#8
2-Chlorophenol
Concen: 8.512 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 128 Resp: 106707
Ion Ratio Lower Upper
128 100
130 31.1 12.1 52.1
64 49.5 26.6 66.6

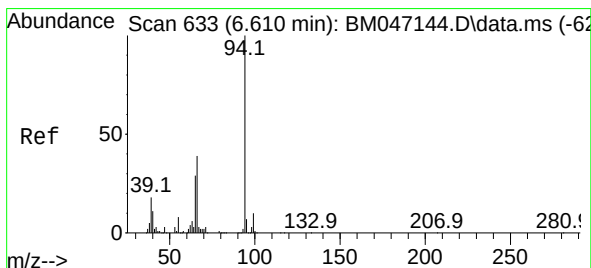
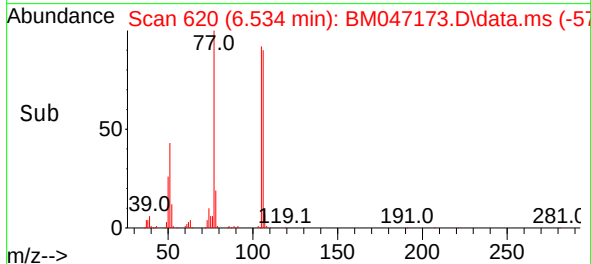
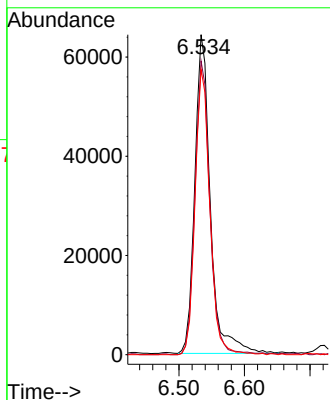
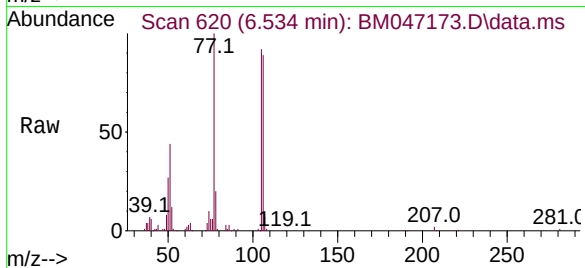




#9
Benzaldehyde
Concen: 9.462 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

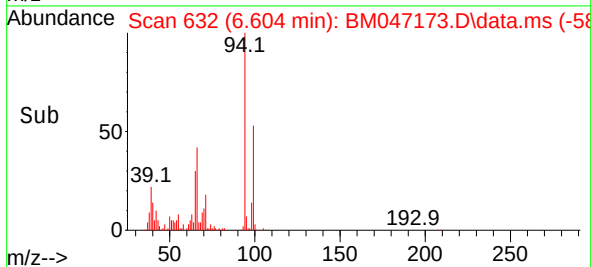
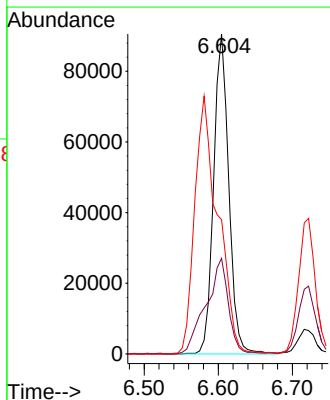
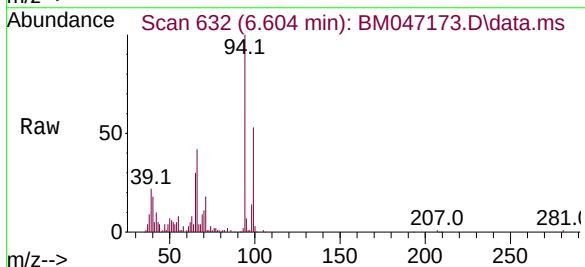
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

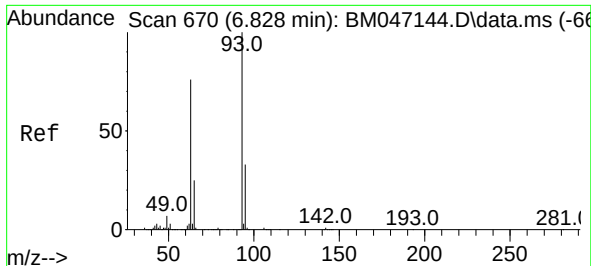
Tgt Ion: 77 Resp: 106469
Ion Ratio Lower Upper
77 100
105 91.8 74.5 114.5
106 89.1 72.3 112.3



#10
Phenol
Concen: 8.138 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 94 Resp: 128610
Ion Ratio Lower Upper
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66 42.0 18.9 58.9

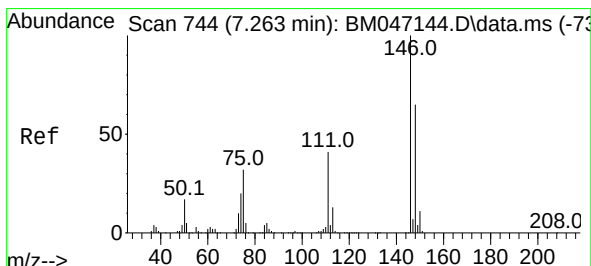
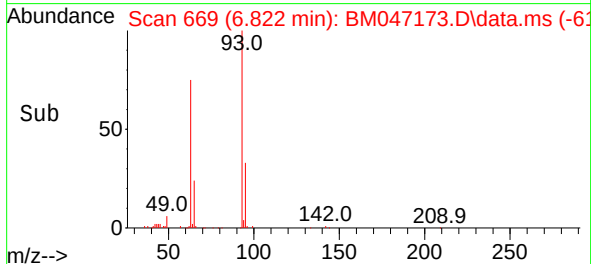
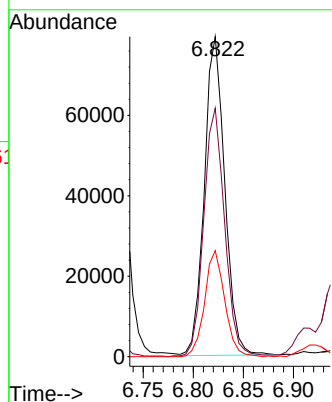
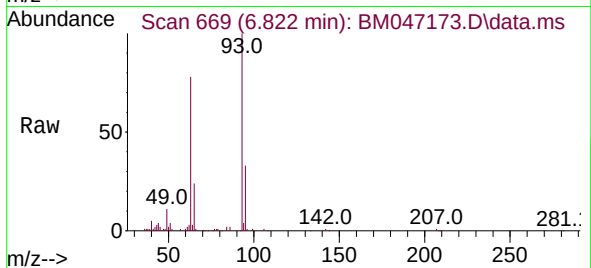




#11
bis(2-Chloroethyl)ether
Concen: 8.313 ng
RT: 6.822 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

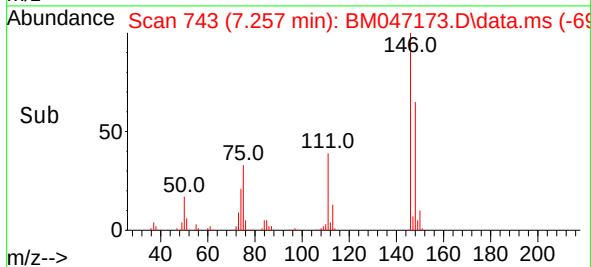
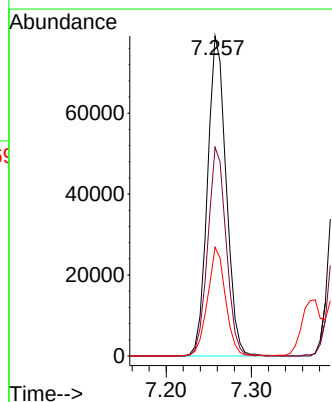
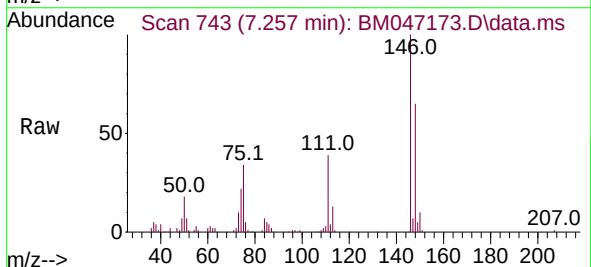
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

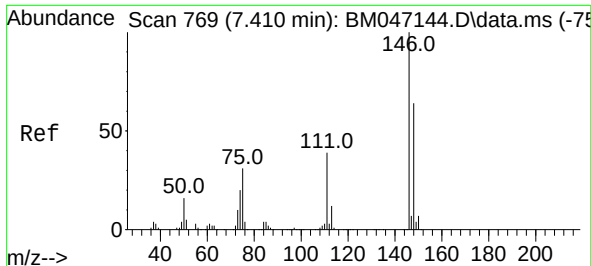
Tgt Ion: 93 Resp: 112499
Ion Ratio Lower Upper
93 100
63 77.7 55.8 95.8
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 8.032 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 146 Resp: 119647
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 34.0 25.8 38.6

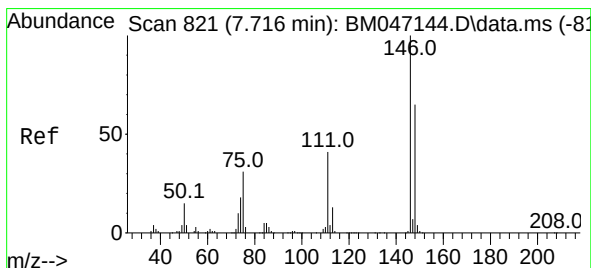
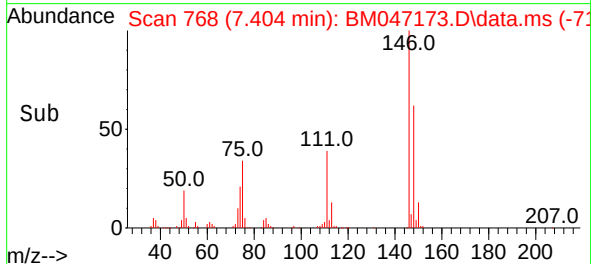
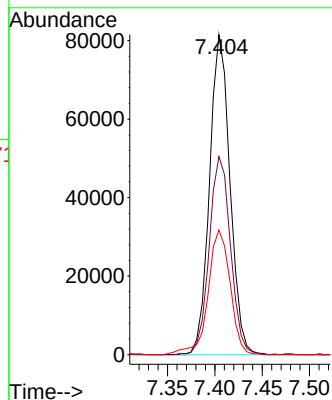
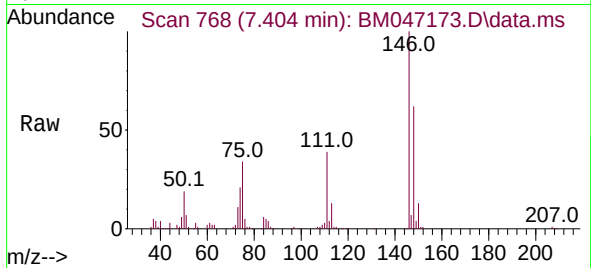




#13
1,4-Dichlorobenzene
Concen: 8.101 ng
RT: 7.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

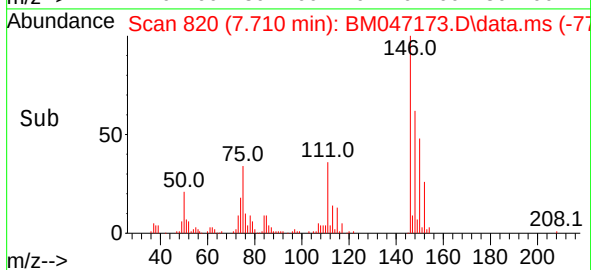
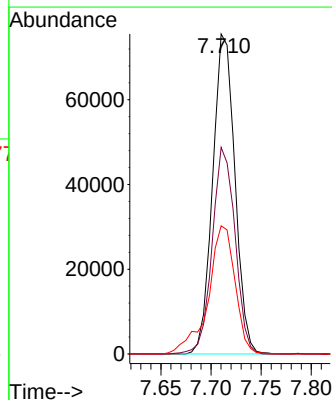
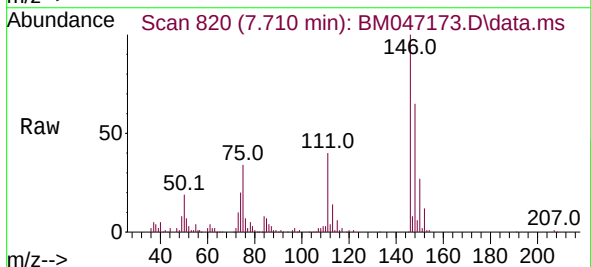
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

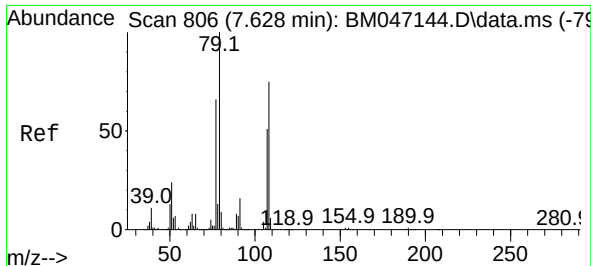
Tgt Ion:146 Resp: 122177
Ion Ratio Lower Upper
146 100
148 61.9 51.4 77.2
111 39.0 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 8.195 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:146 Resp: 116622
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 40.1 33.3 49.9





#15

Benzyl Alcohol

Concen: 7.585 ng

RT: 7.622 min Scan# 806

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

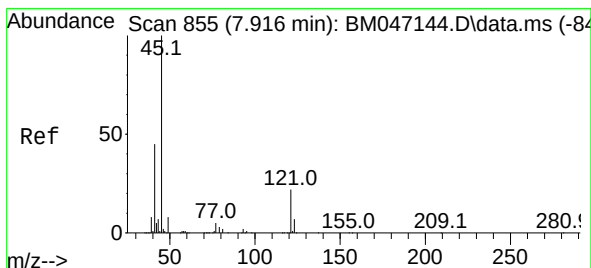
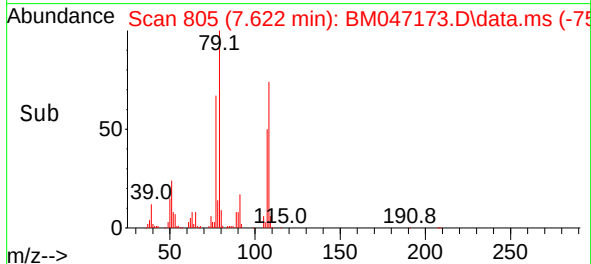
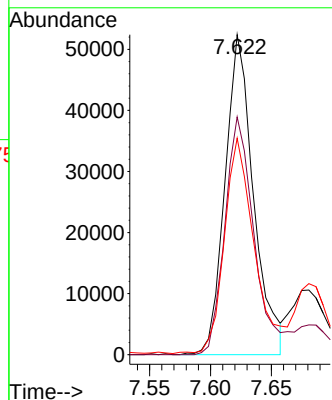
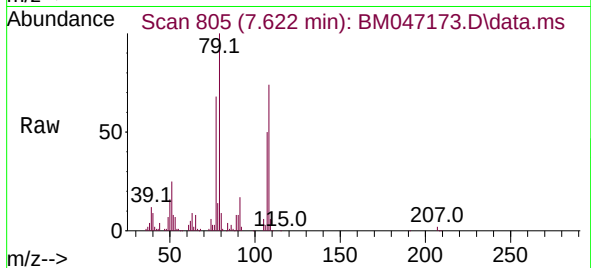
Tgt Ion: 79 Resp: 85490

Ion Ratio Lower Upper

79 100

108 74.3 59.7 89.5

77 67.7 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.334 ng

RT: 7.892 min Scan# 851

Delta R.T. -0.024 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

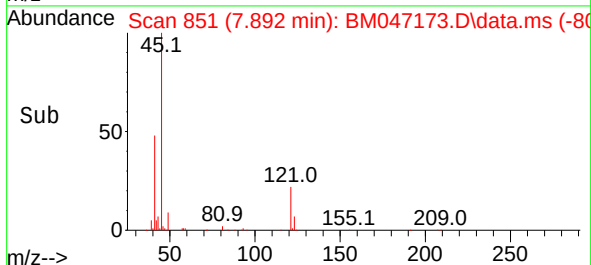
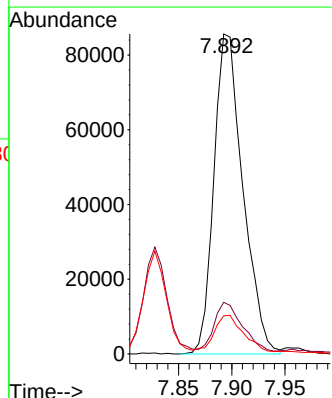
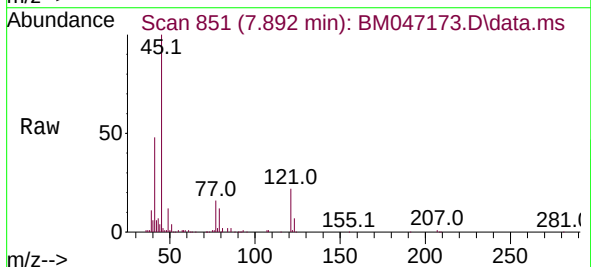
Tgt Ion: 45 Resp: 162099

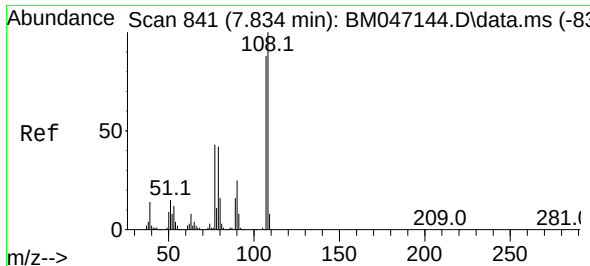
Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.6

79 11.9 0.0 32.4

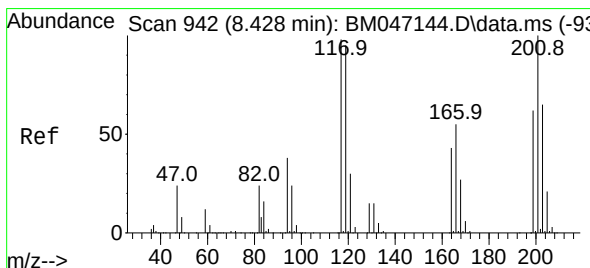
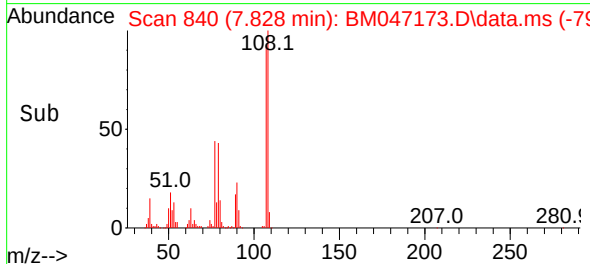
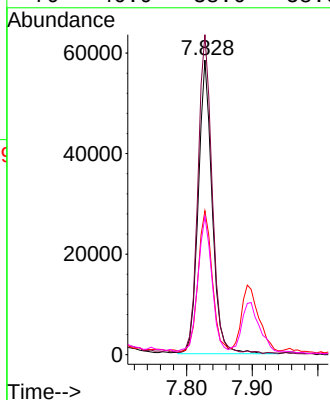
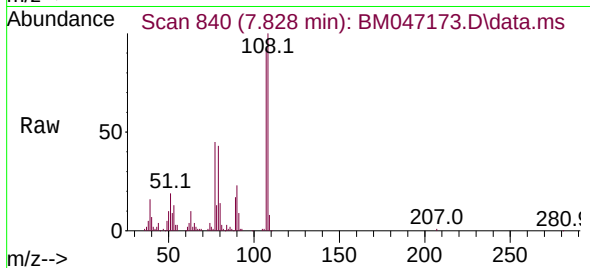




#17
2-Methylphenol
Concen: 8.165 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

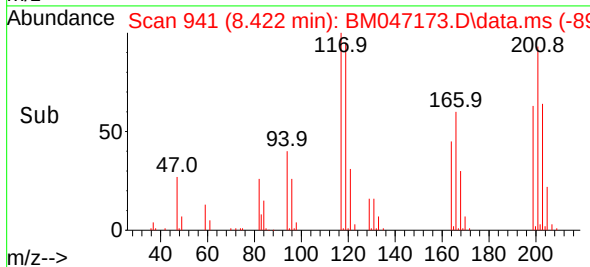
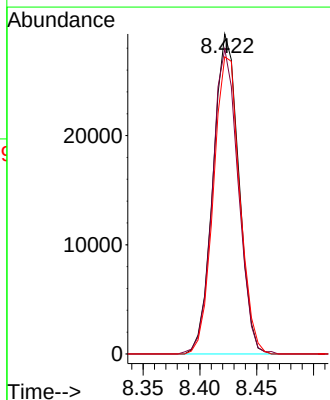
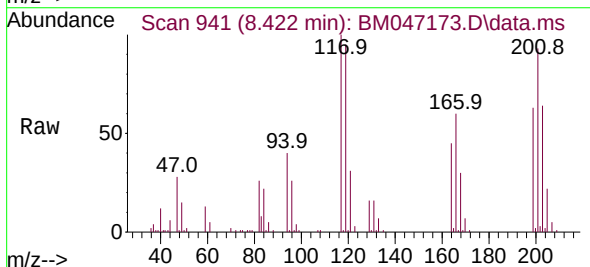
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

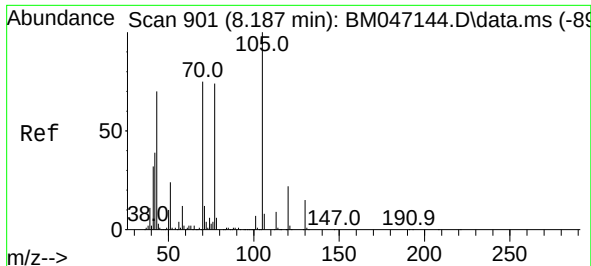
Tgt Ion:	107	Resp:	86086
Ion	Ratio	Lower	Upper
107	100		
108	108.6	90.6	135.8
77	48.8	39.3	58.9
79	46.9	38.6	58.0



#18
Hexachloroethane
Concen: 7.872 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:	117	Resp:	45990
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	92.9	81.3	121.9

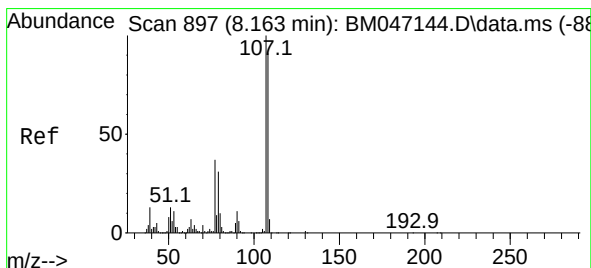
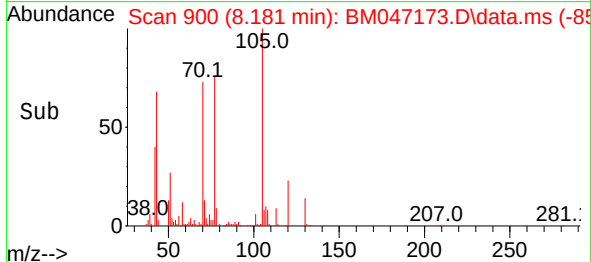
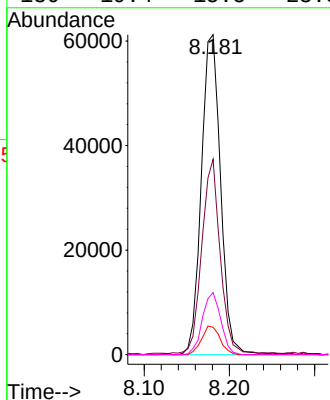
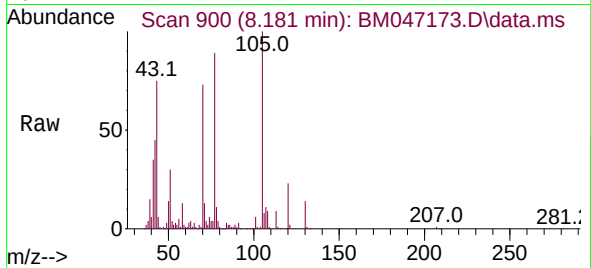




#19
n-Nitroso-di-n-propylamine
Concen: 9.004 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

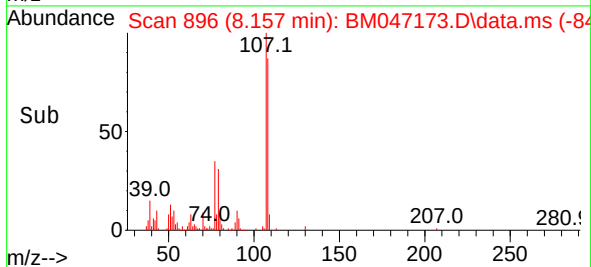
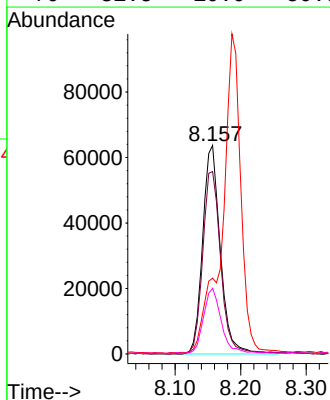
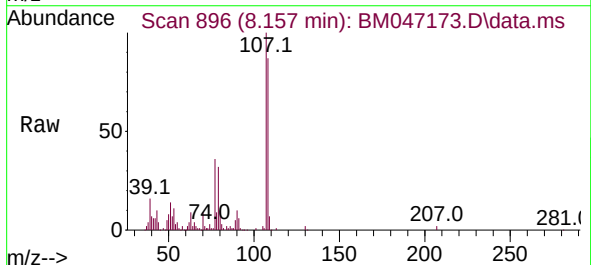
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

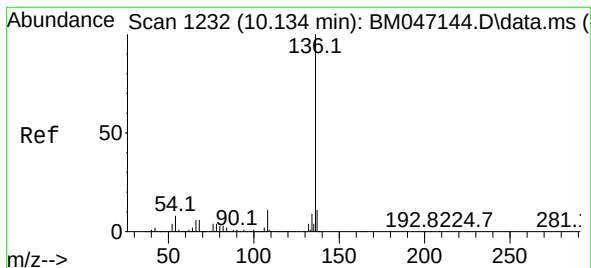
Tgt Ion:	70	Resp:	96054
Ion Ratio	Lower	Upper	
70	100		
42	61.1	42.0	63.0
101	8.6	7.2	10.8
130	19.4	15.5	23.3



#20
3+4-Methylphenols
Concen: 8.117 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:	107	Resp:	119633
Ion Ratio	Lower	Upper	
107	100		
108	87.4	70.7	110.7
77	36.3	17.4	57.4
79	31.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:136 Resp: 878013

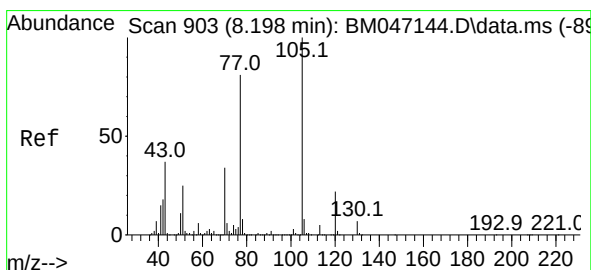
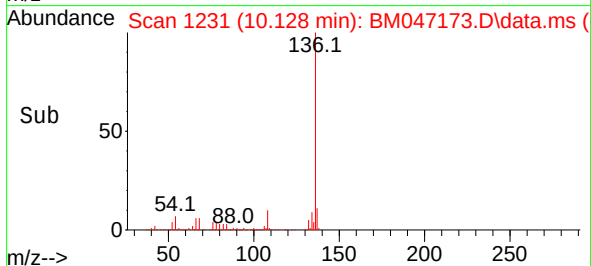
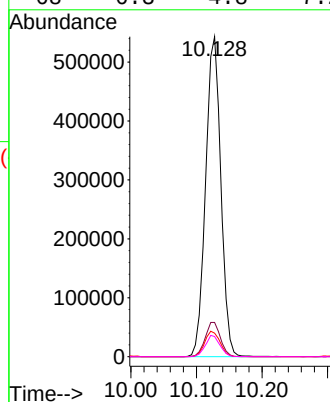
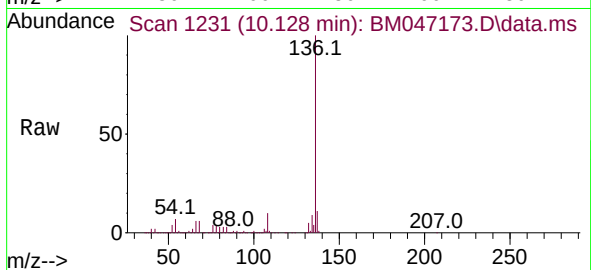
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 6.0 9.0

68 6.3 4.8 7.2



#22

Acetophenone

Concen: 8.601 ng

RT: 8.187 min Scan# 901

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:105 Resp: 182282

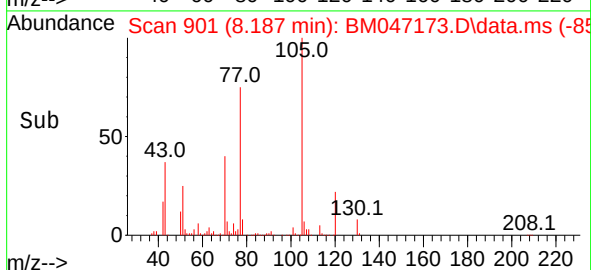
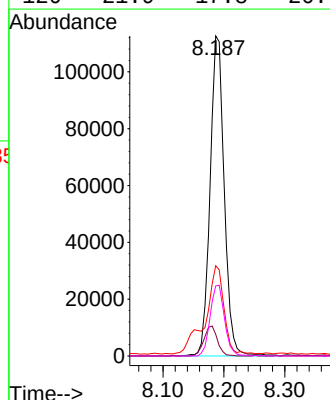
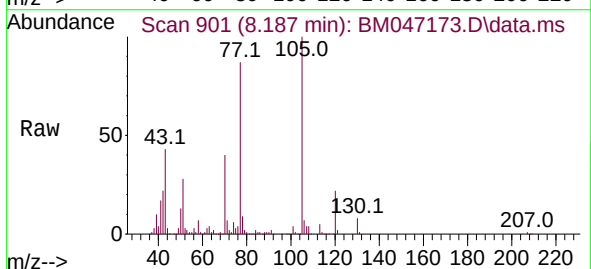
Ion Ratio Lower Upper

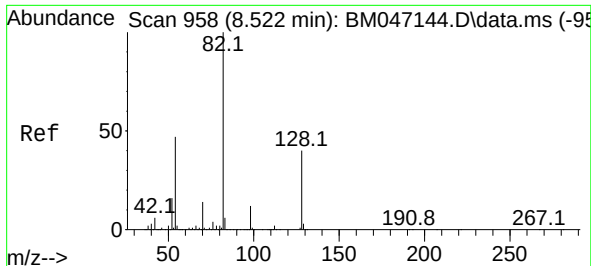
105 100

71 6.8 4.5 6.7#

51 28.2 20.1 30.1

120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 85.378 ng

RT: 8.516 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

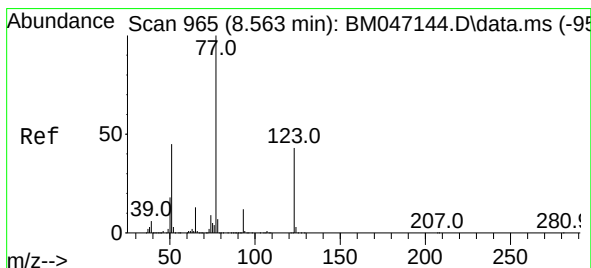
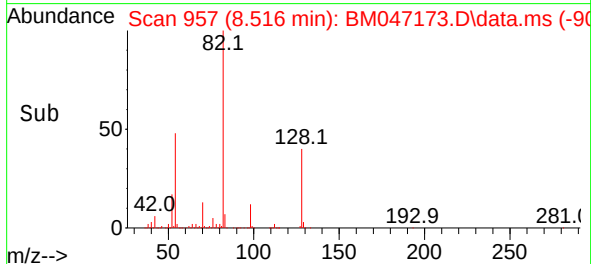
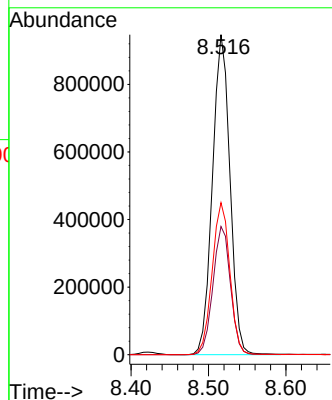
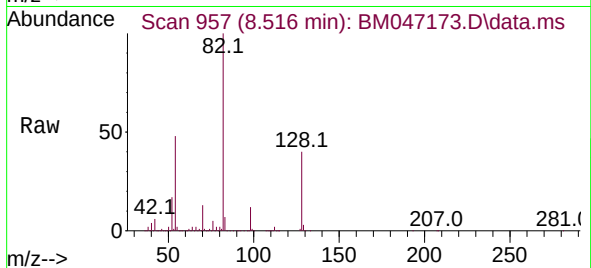
Tgt Ion: 82 Resp: 1488749

Ion Ratio Lower Upper

82 100

128 40.1 32.3 48.5

54 47.5 37.4 56.2



#24

Nitrobenzene

Concen: 8.457 ng

RT: 8.557 min Scan# 964

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

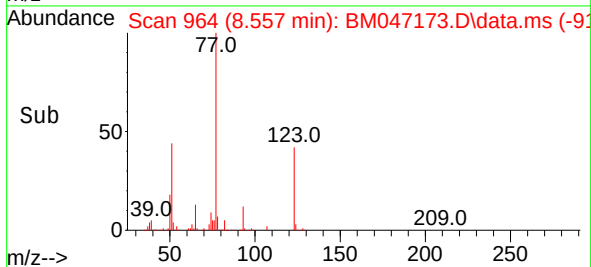
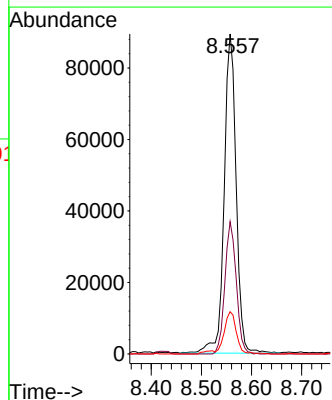
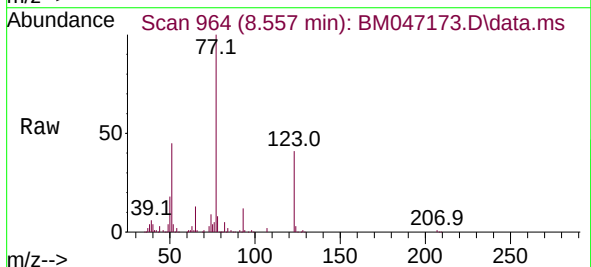
Tgt Ion: 77 Resp: 148487

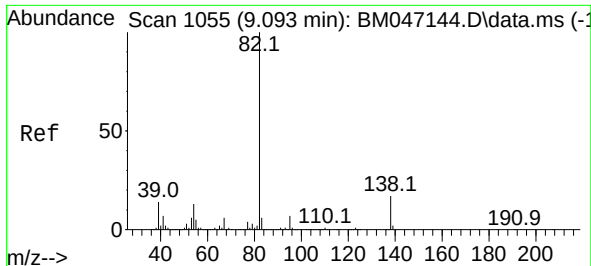
Ion Ratio Lower Upper

77 100

123 41.3 34.0 51.0

65 13.2 10.5 15.7

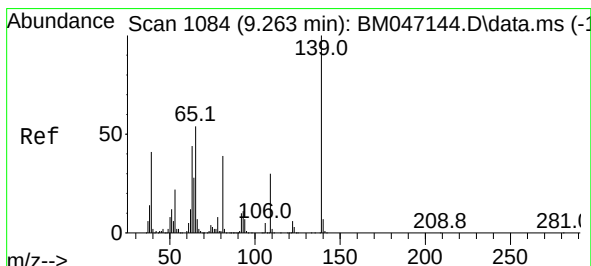
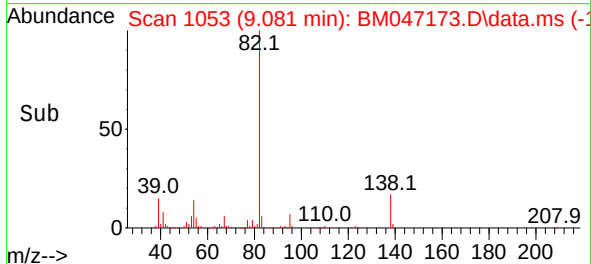
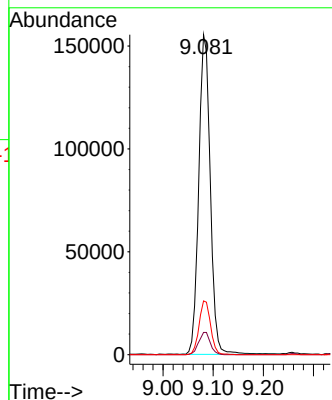
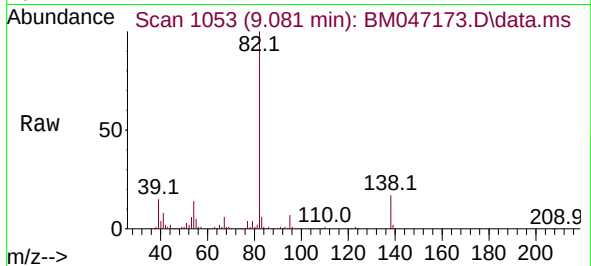




#25
Isophorone
Concen: 8.161 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

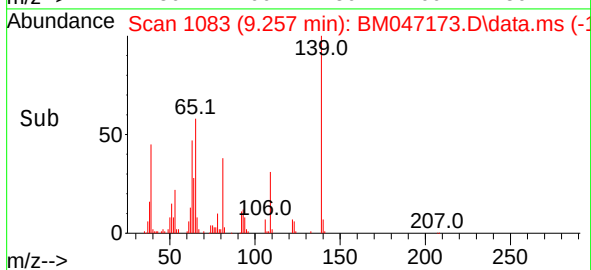
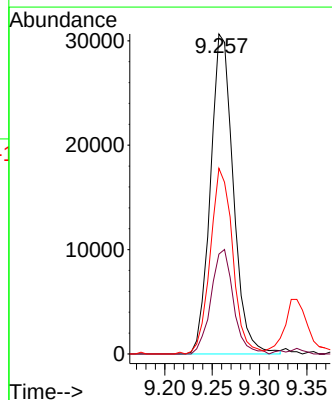
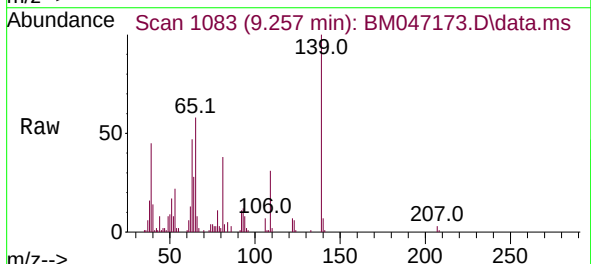
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024

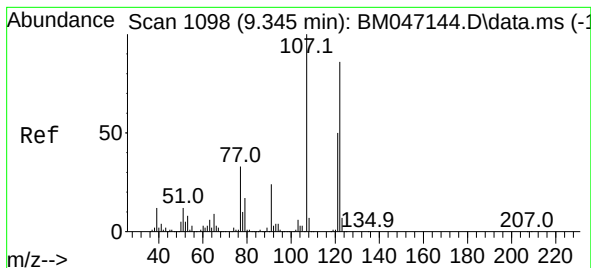
Tgt Ion: 82 Resp: 247786
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.8 13.5 20.3



#26
2-Nitrophenol
Concen: 6.612 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:139 Resp: 51415
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 58.0 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 7.930 ng

RT: 9.339 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

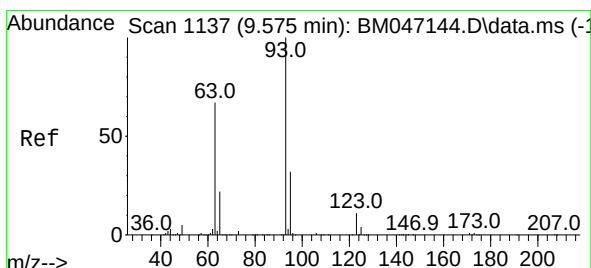
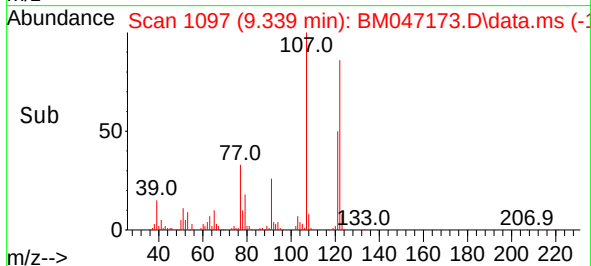
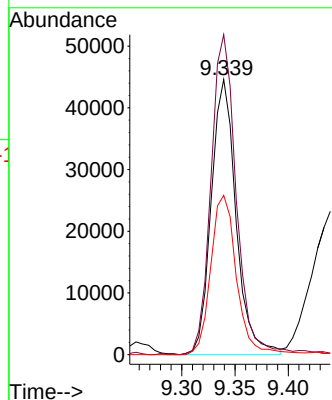
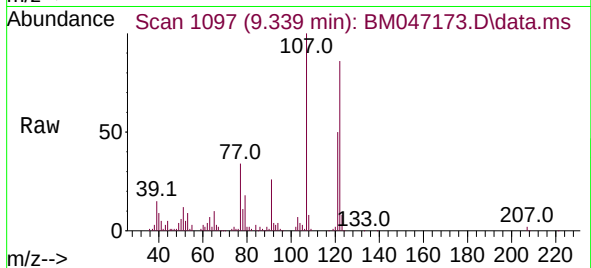
Tgt Ion:122 Resp: 72228

Ion Ratio Lower Upper

122 100

107 116.3 92.8 139.2

121 57.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.316 ng

RT: 9.569 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

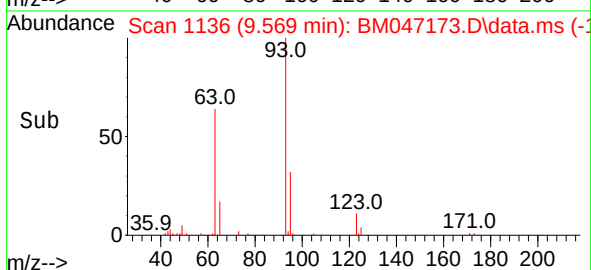
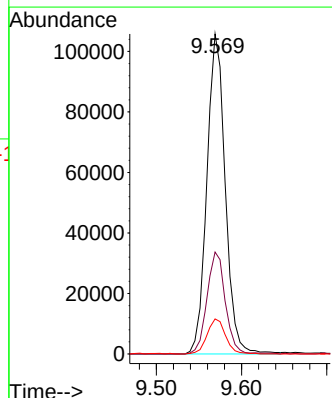
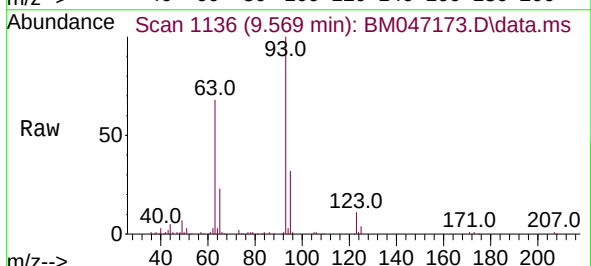
Tgt Ion: 93 Resp: 158860

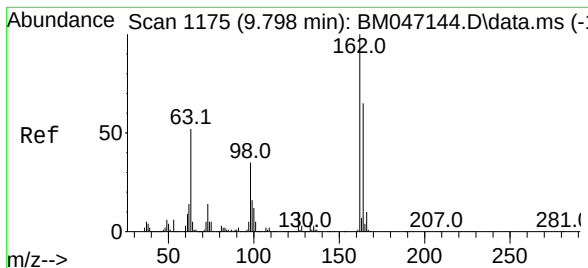
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 7.273 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047173.D

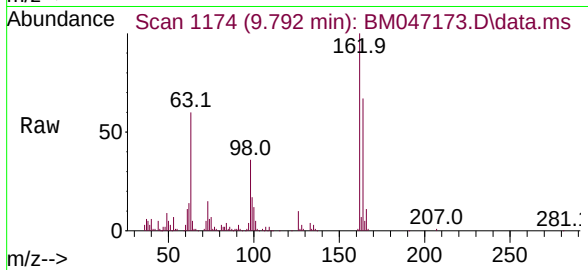
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



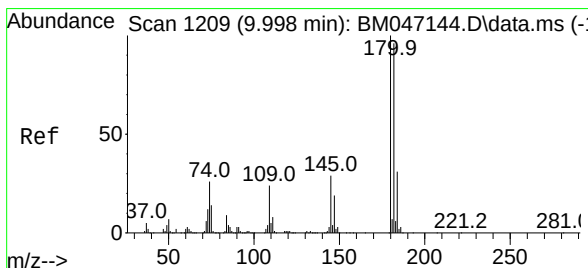
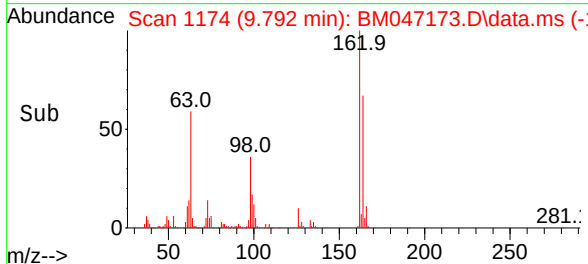
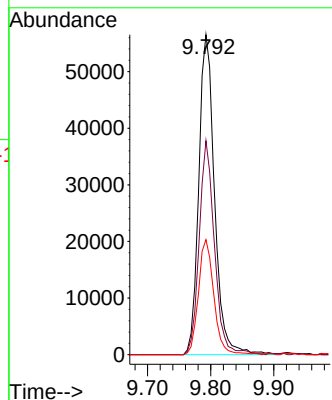
Tgt Ion:162 Resp: 98297

Ion Ratio Lower Upper

162 100

164 66.9 44.7 84.7

98 35.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 7.655 ng

RT: 9.992 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

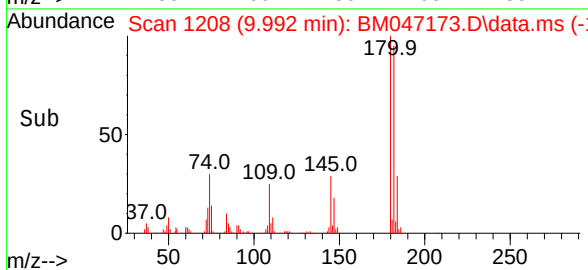
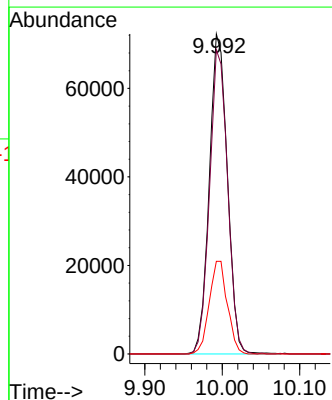
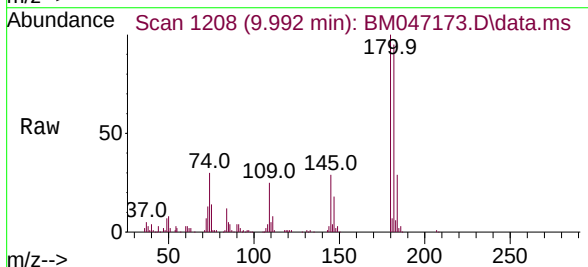
Tgt Ion:180 Resp: 117083

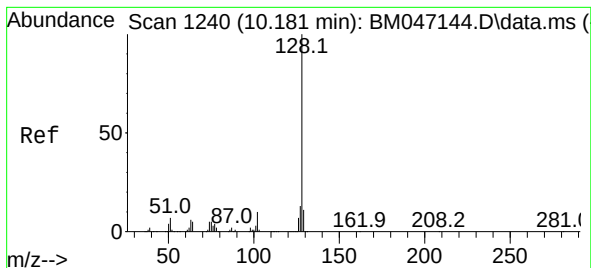
Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 28.9 23.4 35.2





#31

Naphthalene

Concen: 8.078 ng

RT: 10.175 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

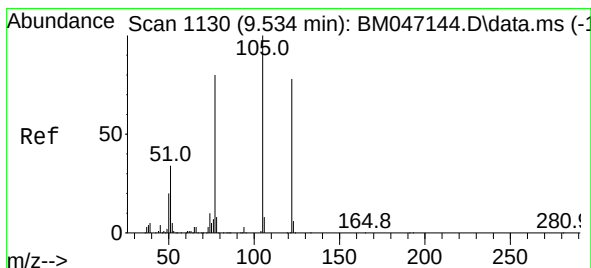
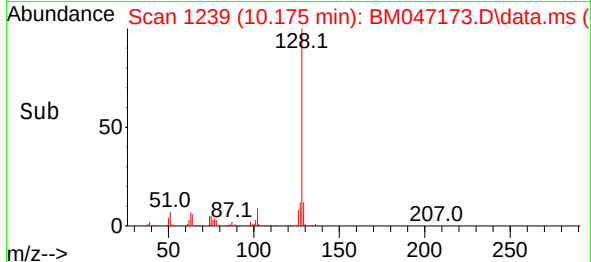
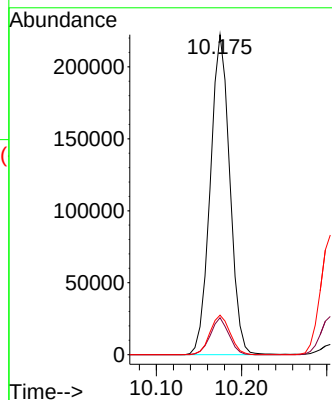
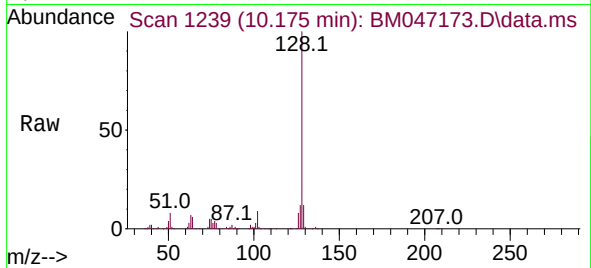
Tgt Ion:128 Resp: 353330

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 12.3 10.2 15.4



#32

Benzoic acid

Concen: 4.453 ng

RT: 9.439 min Scan# 1114

Delta R.T. -0.094 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

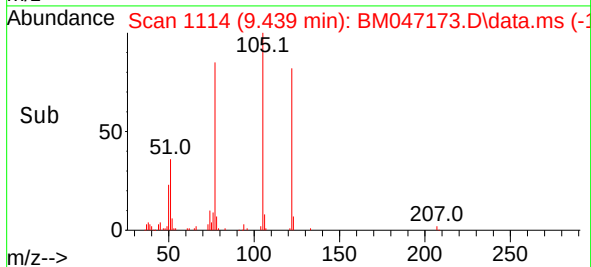
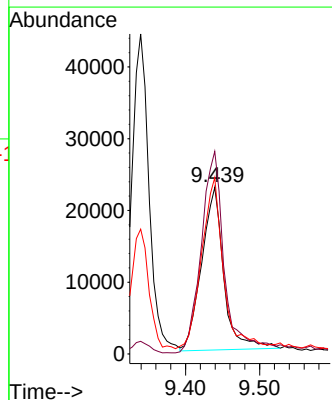
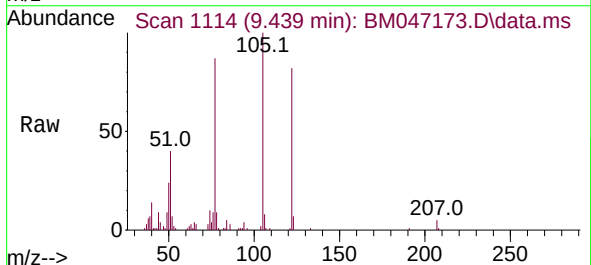
Tgt Ion:122 Resp: 47126

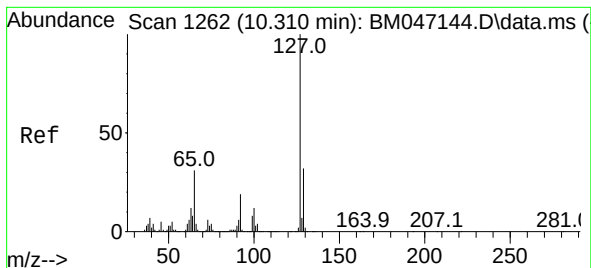
Ion Ratio Lower Upper

122 100

105 121.6 107.1 147.1

77 105.8 82.1 122.1





#33

4-Chloroaniline

Concen: 8.494 ng

RT: 10.304 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:127 Resp: 142877

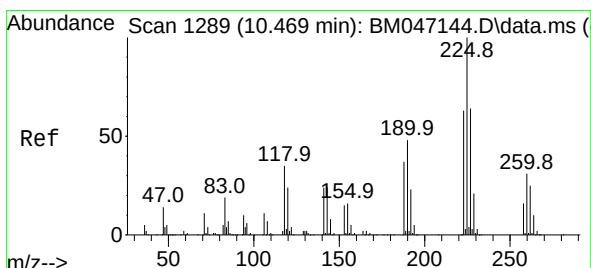
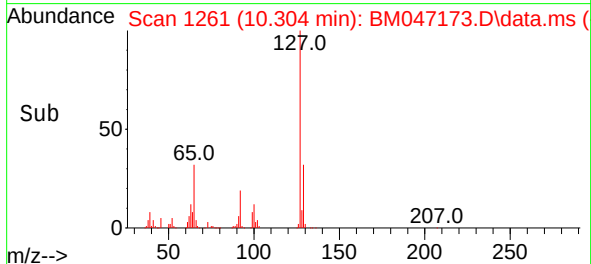
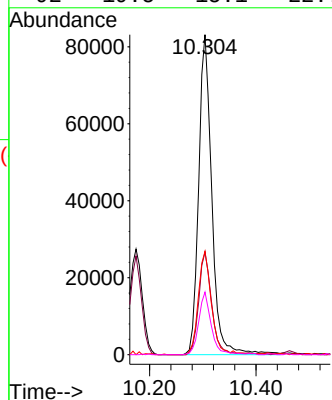
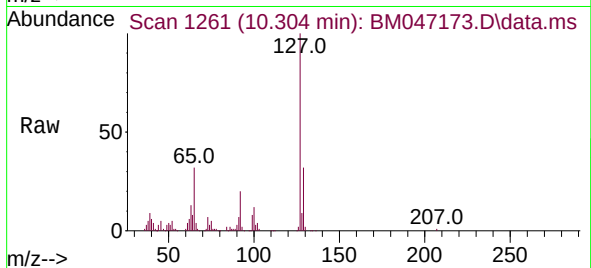
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 32.3 24.9 37.3

92 19.5 15.1 22.7



#34

Hexachlorobutadiene

Concen: 6.976 ng

RT: 10.463 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

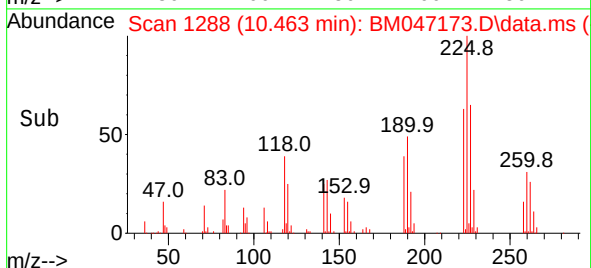
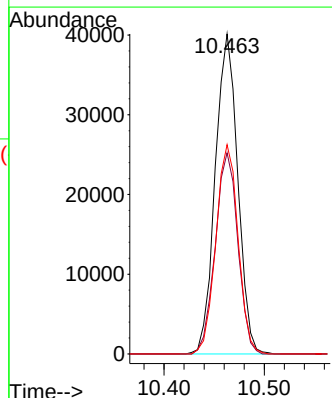
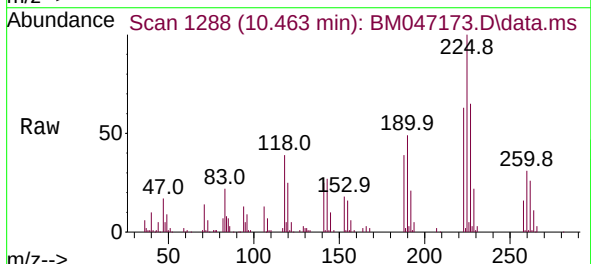
Tgt Ion:225 Resp: 62454

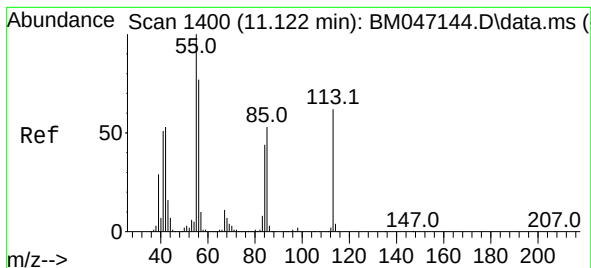
Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

227 65.4 51.4 77.0





#35

Caprolactam

Concen: 6.967 ng

RT: 11.081 min Scan# 1400

Delta R.T. -0.041 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

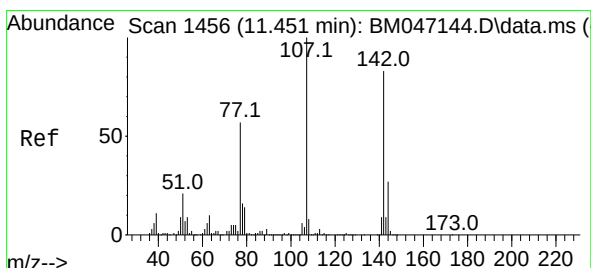
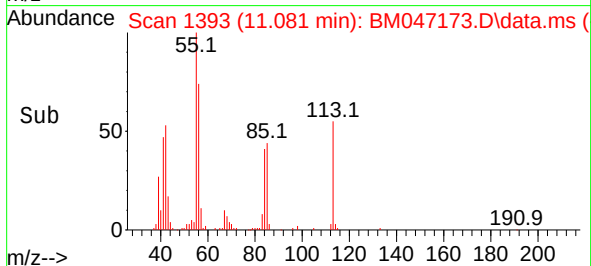
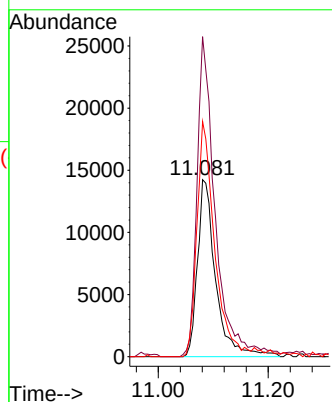
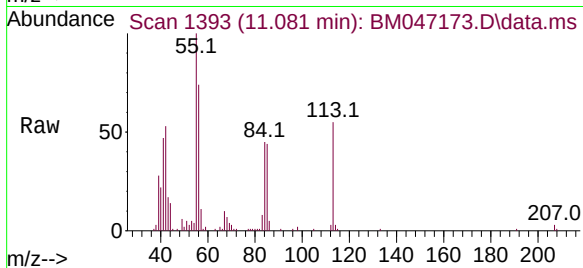
Tgt Ion:113 Resp: 32700

Ion Ratio Lower Upper

113 100

55 180.9 140.5 180.5#

56 132.9 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 7.343 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

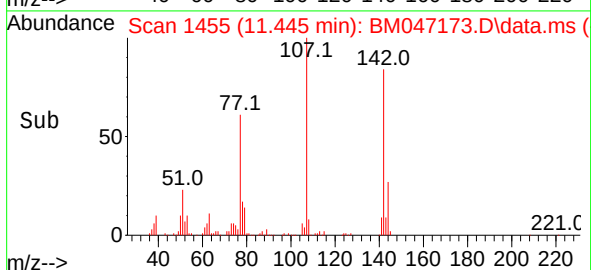
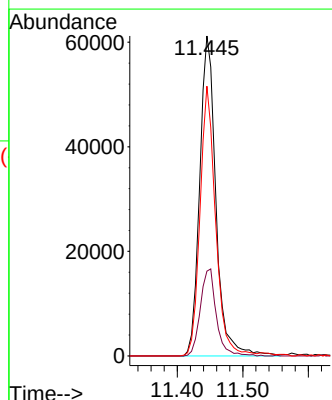
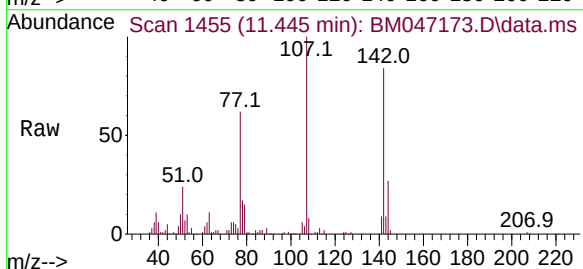
Tgt Ion:107 Resp: 105685

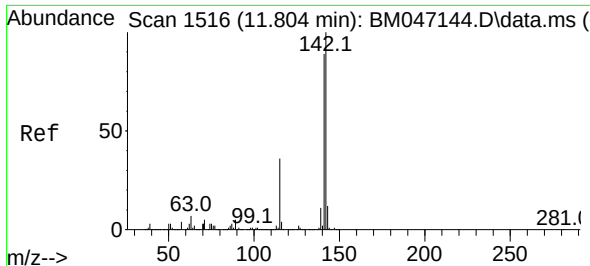
Ion Ratio Lower Upper

107 100

144 26.5 21.8 32.6

142 84.3 66.8 100.2

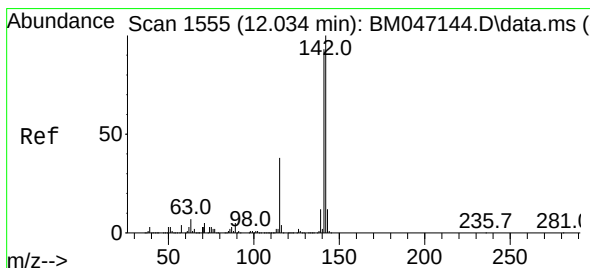
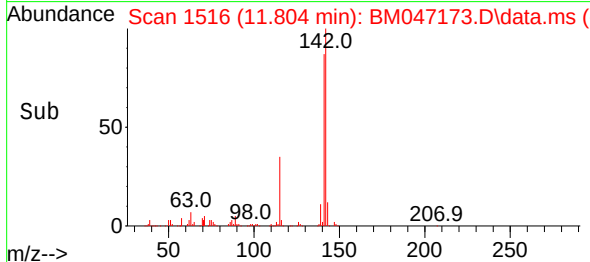
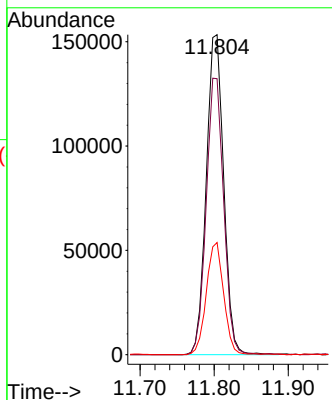
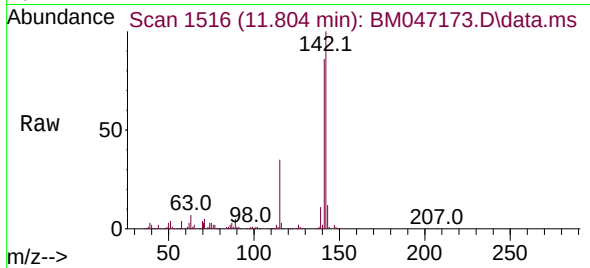




#37
2-Methylnaphthalene
Concen: 8.049 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

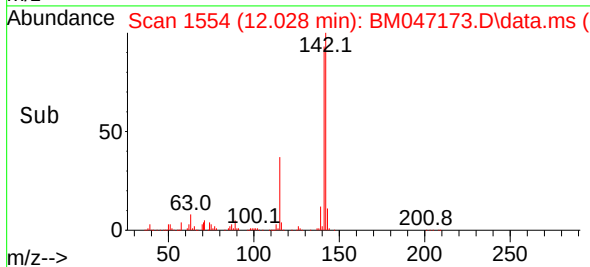
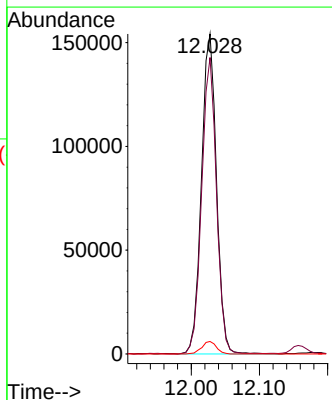
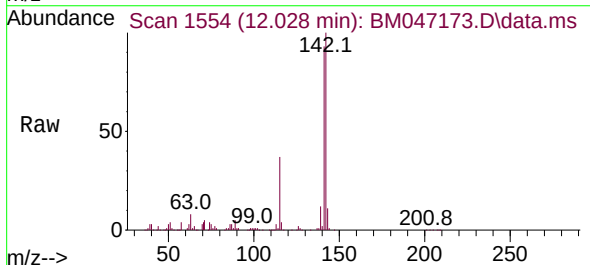
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

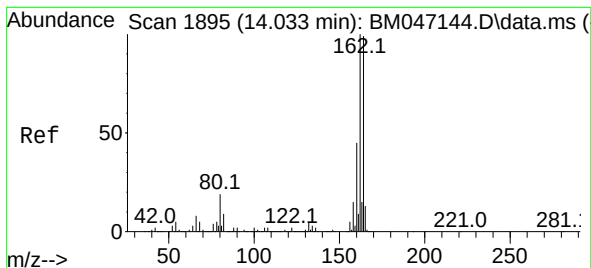
Tgt Ion:142 Resp: 250673
Ion Ratio Lower Upper
142 100
141 86.3 70.9 106.3
115 35.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 7.684 ng
RT: 12.028 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:142 Resp: 236490
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8
116 3.9 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: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

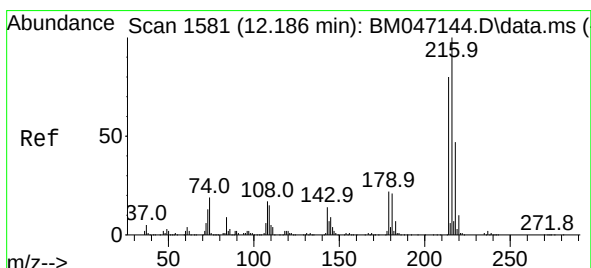
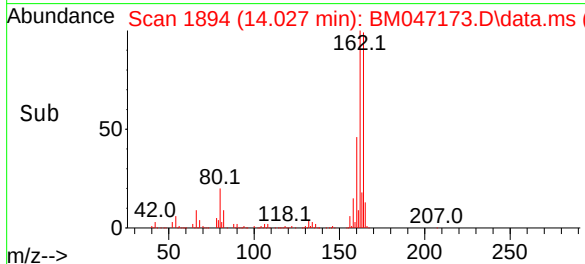
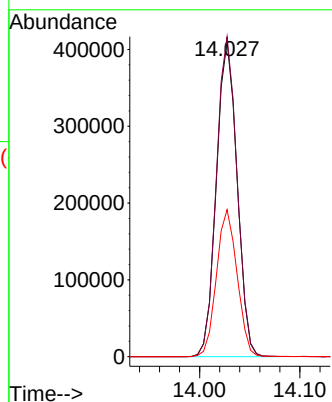
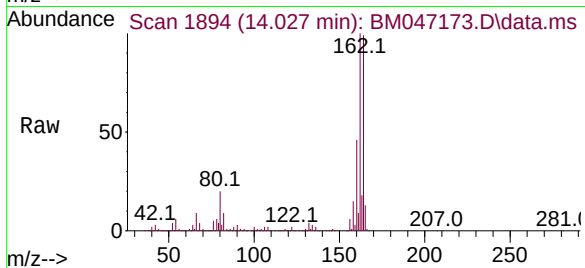
Tgt Ion:164 Resp: 587912

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

160 46.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.566 ng

RT: 12.180 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:216 Resp: 121333

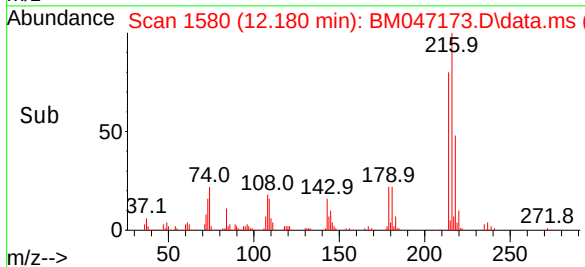
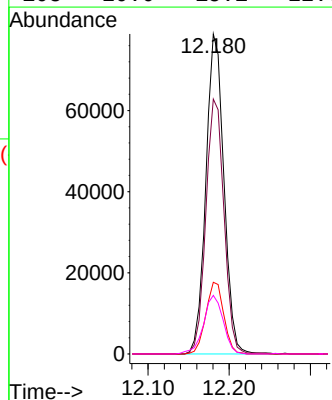
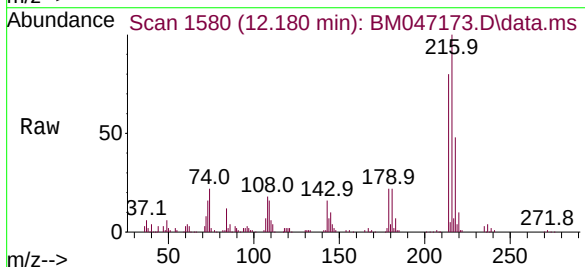
Ion Ratio Lower Upper

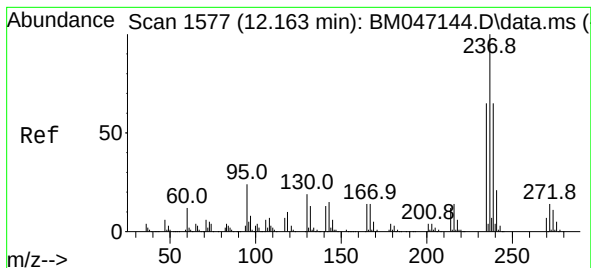
216 100

214 80.1 63.4 95.2

179 22.4 17.6 26.4

108 20.0 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 8.136 ng

RT: 12.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

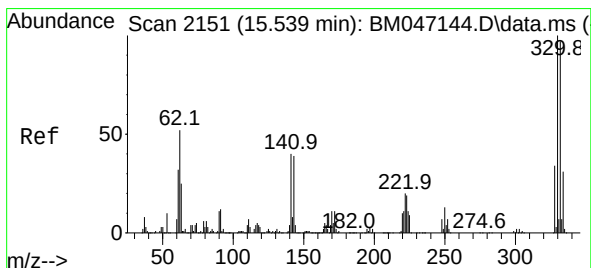
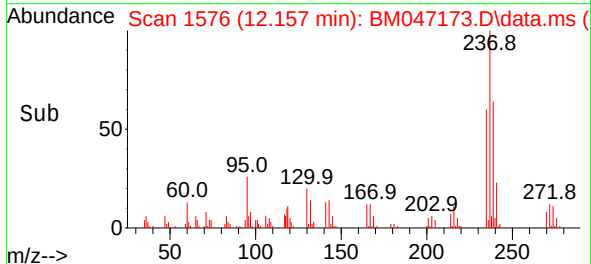
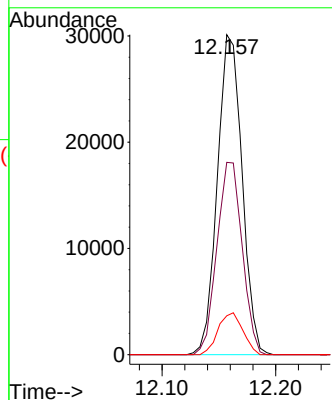
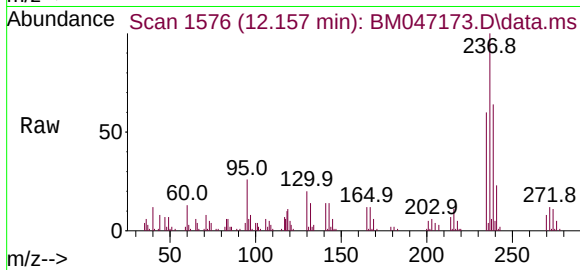
Tgt Ion:237 Resp: 45557

Ion Ratio Lower Upper

237 100

235 60.1 44.8 84.8

272 12.1 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 130.141 ng

RT: 15.533 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

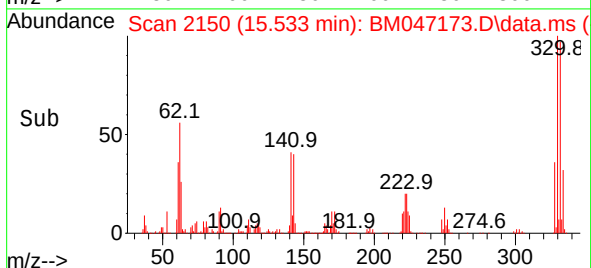
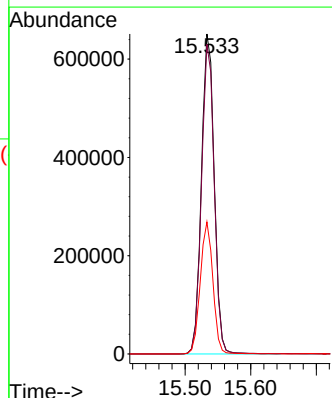
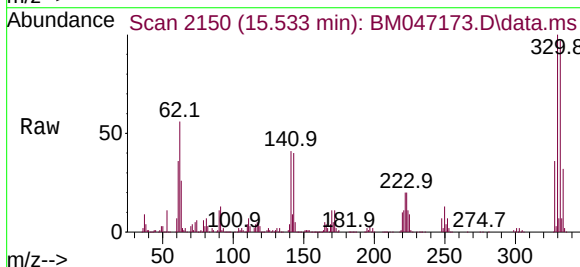
Tgt Ion:330 Resp: 887164

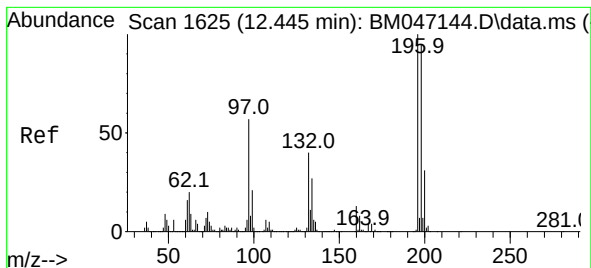
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 40.8 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 6.827 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

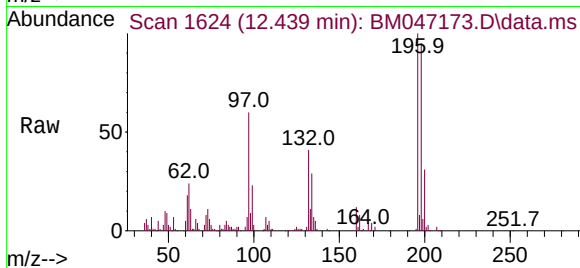
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



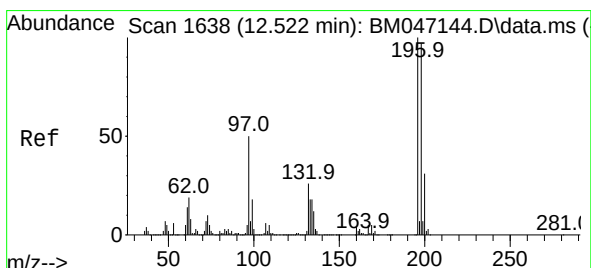
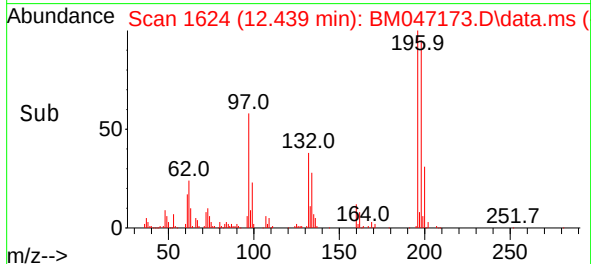
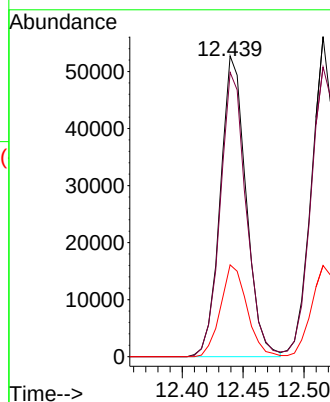
Tgt Ion:196 Resp: 77806

Ion Ratio Lower Upper

196 100

198 94.5 75.6 113.4

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 6.855 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:196 Resp: 86744

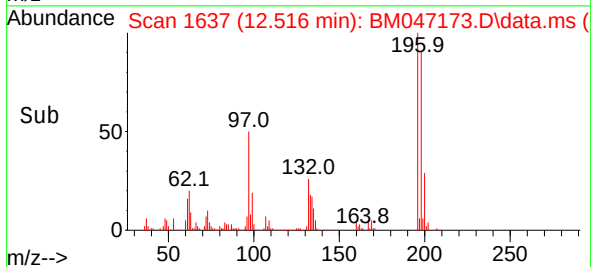
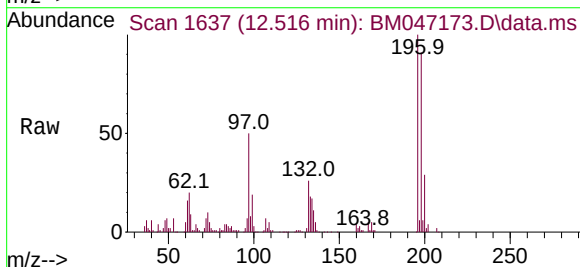
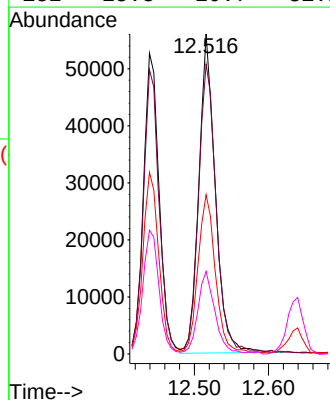
Ion Ratio Lower Upper

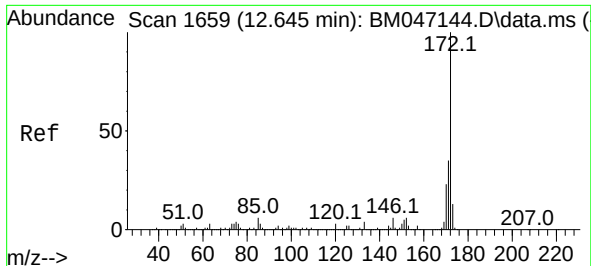
196 100

198 90.6 77.7 116.5

97 49.8 39.8 59.8

132 25.8 20.7 31.1

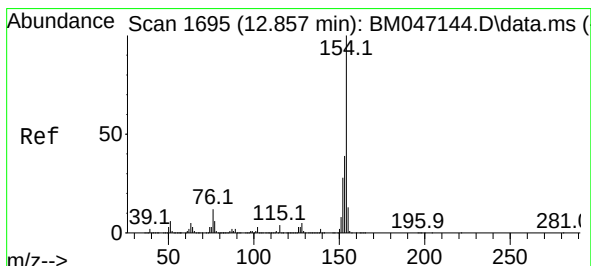
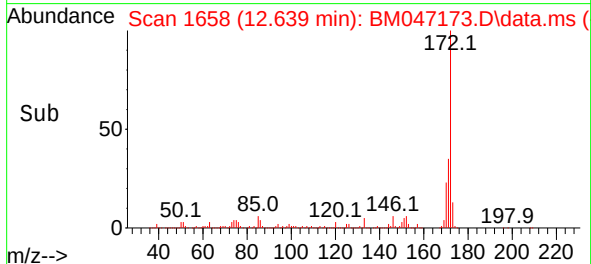
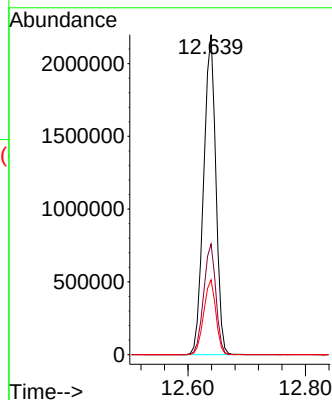
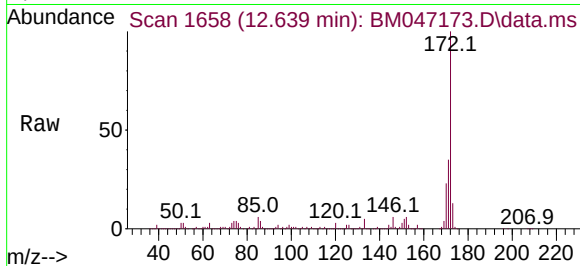




#45
2-Fluorobiphenyl
Concen: 82.848 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

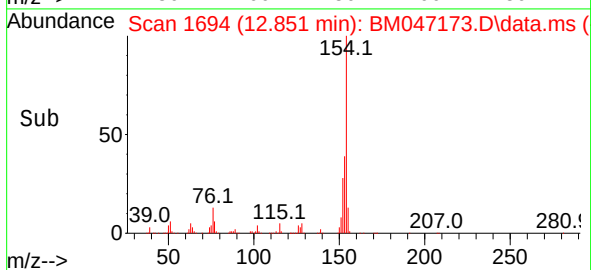
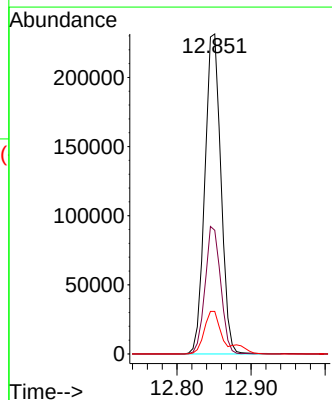
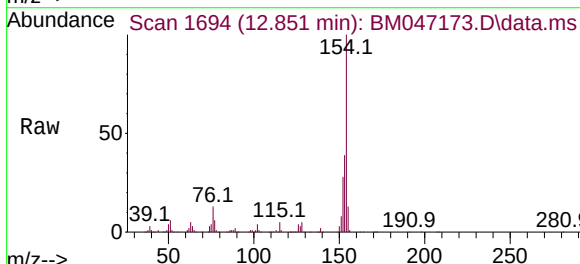
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

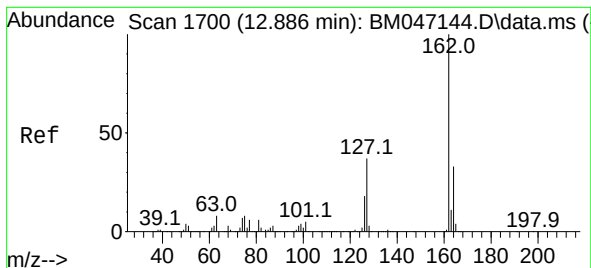
Tgt Ion:172 Resp: 3157630
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 8.320 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:154 Resp: 348214
Ion Ratio Lower Upper
154 100
153 38.6 19.0 59.0
76 13.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 8.153 ng

RT: 12.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

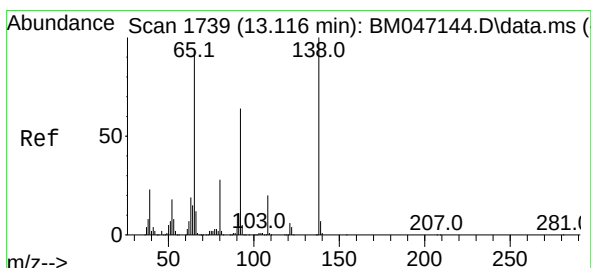
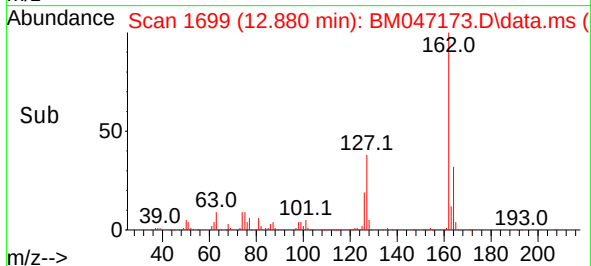
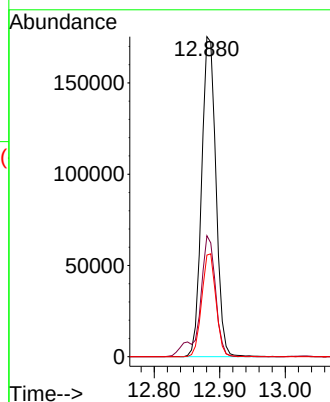
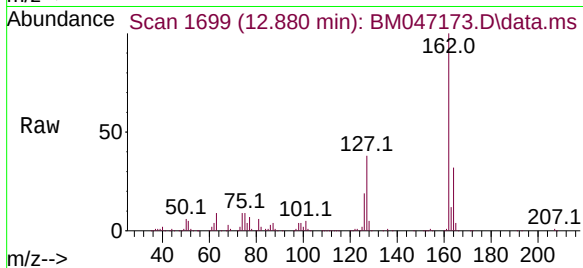
Tgt Ion:162 Resp: 266726

Ion Ratio Lower Upper

162 100

127 37.8 30.0 45.0

164 31.8 26.3 39.5



#48

2-Nitroaniline

Concen: 7.537 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

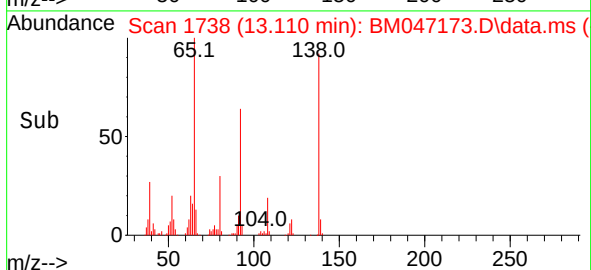
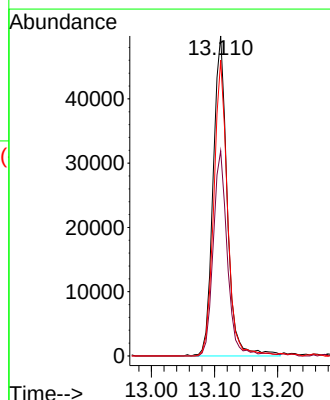
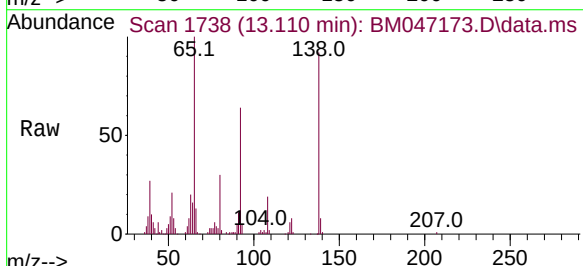
Tgt Ion: 65 Resp: 77240

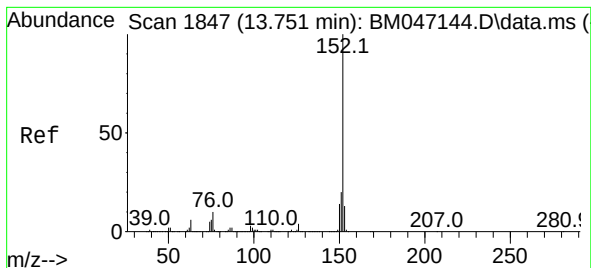
Ion Ratio Lower Upper

65 100

92 64.1 55.1 82.7

138 92.4 85.9 128.9





#49

Acenaphthylene

Concen: 8.850 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

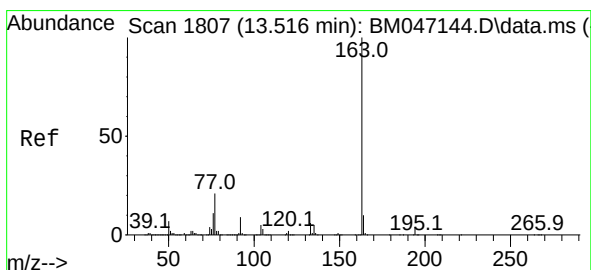
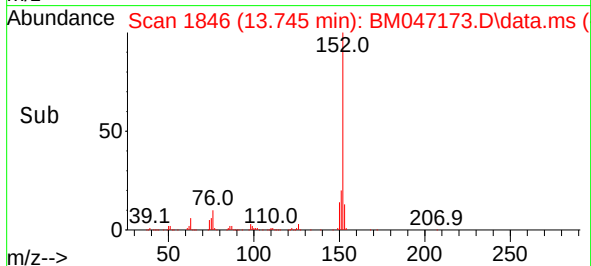
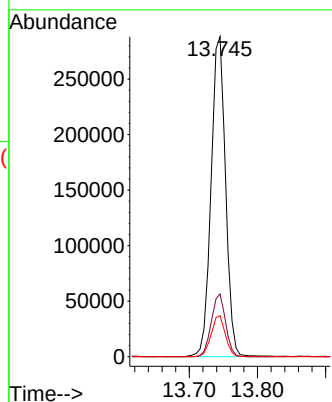
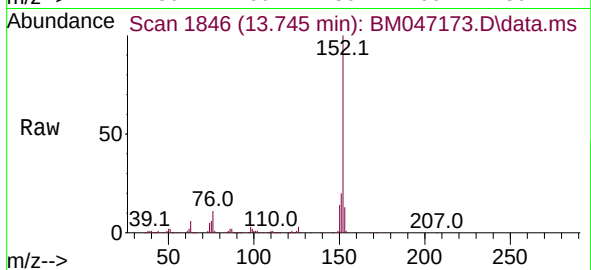
Tgt Ion:152 Resp: 426763

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 8.082 ng

RT: 13.504 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

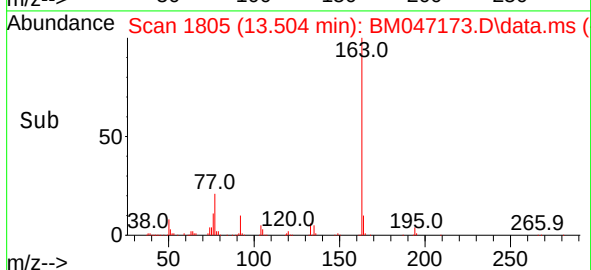
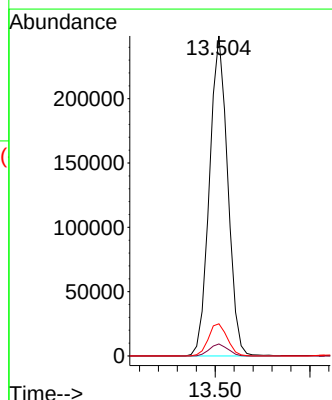
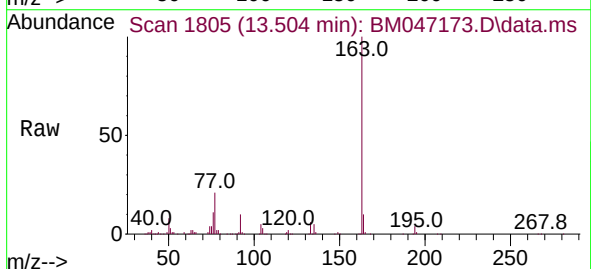
Tgt Ion:163 Resp: 331868

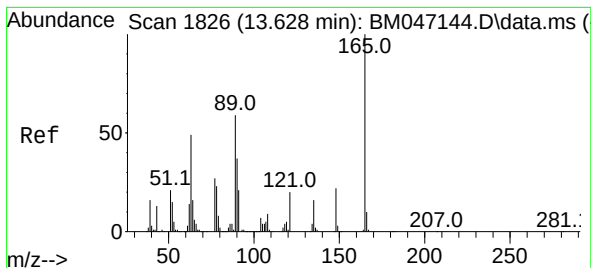
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 6.996 ng

RT: 13.621 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BM047173.D

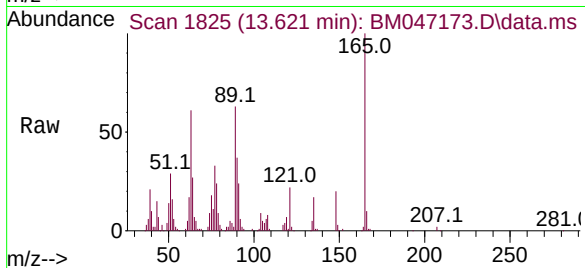
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



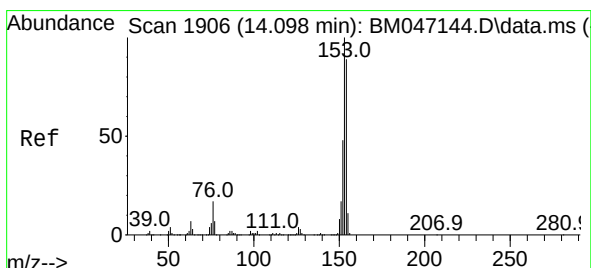
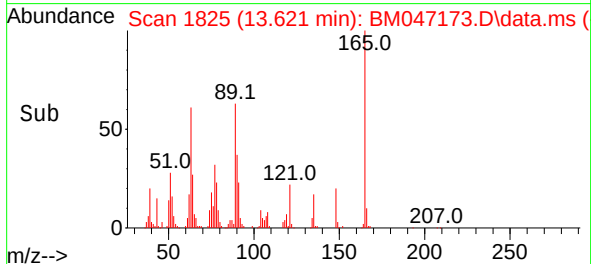
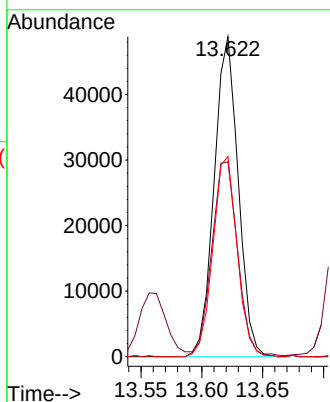
Tgt Ion:165 Resp: 67146

Ion Ratio Lower Upper

165 100

63 60.9 46.5 69.7

89 62.6 47.3 70.9



#52

Acenaphthene

Concen: 8.081 ng

RT: 14.092 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

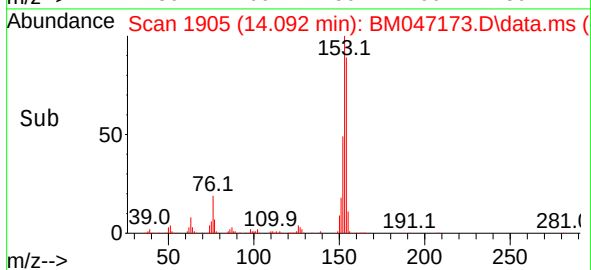
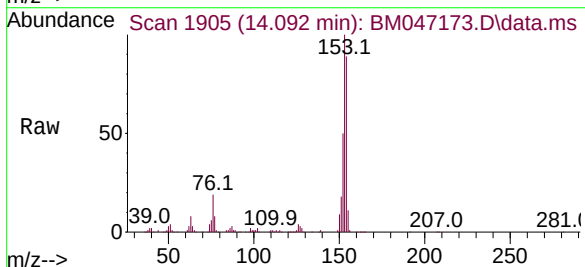
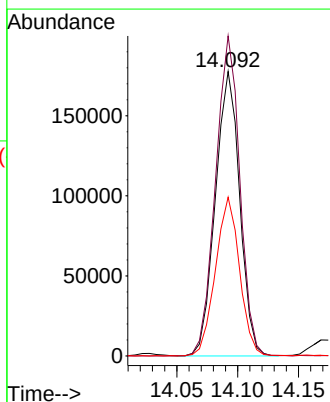
Tgt Ion:154 Resp: 247194

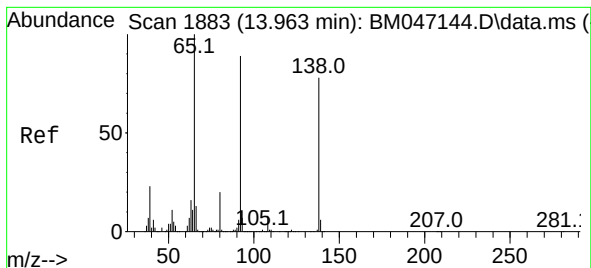
Ion Ratio Lower Upper

154 100

153 112.5 90.3 135.5

152 55.8 42.9 64.3

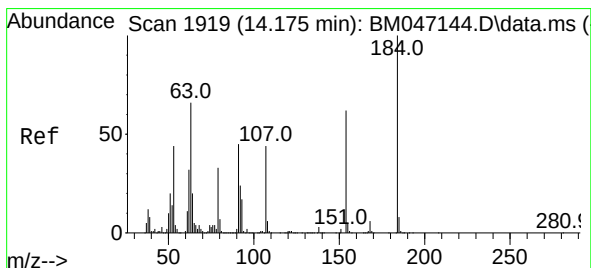
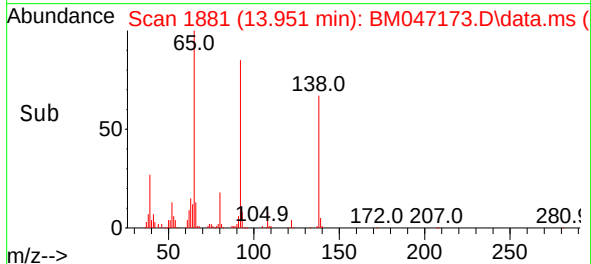
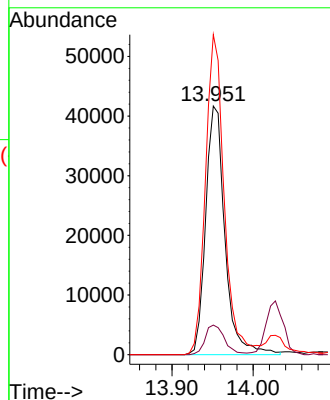
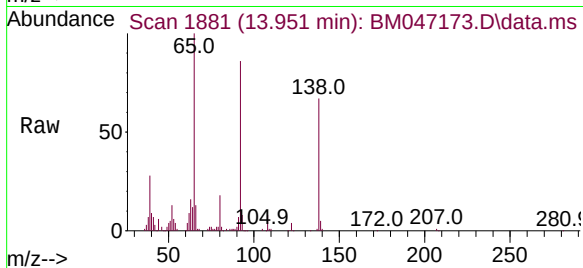




#53
3-Nitroaniline
Concen: 7.140 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

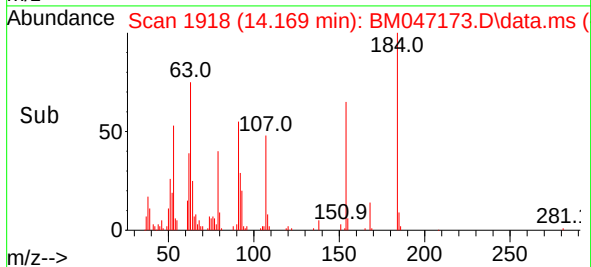
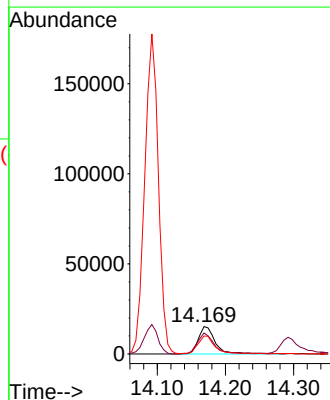
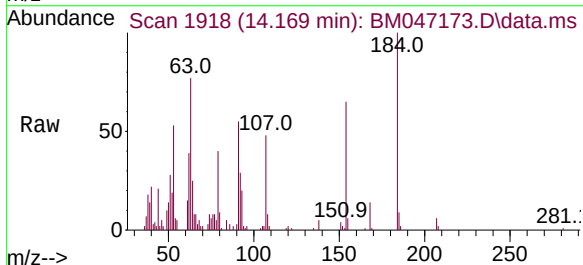
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024

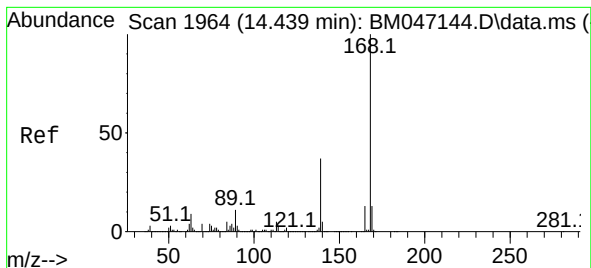
Tgt Ion:138 Resp: 68674
Ion Ratio Lower Upper
138 100
108 11.9 7.9 11.9#
92 128.7 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 4.521 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:184 Resp: 26009
Ion Ratio Lower Upper
184 100
63 76.6 52.7 79.1
154 65.3 50.4 75.6





#55

Dibenzenofuran

Concen: 8.498 ng

RT: 14.433 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

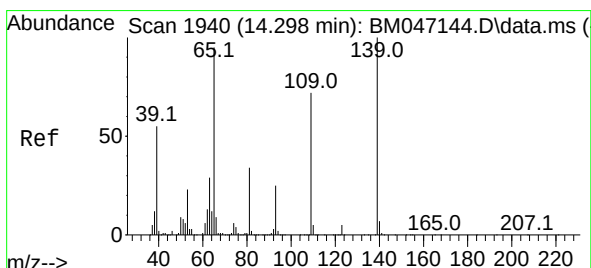
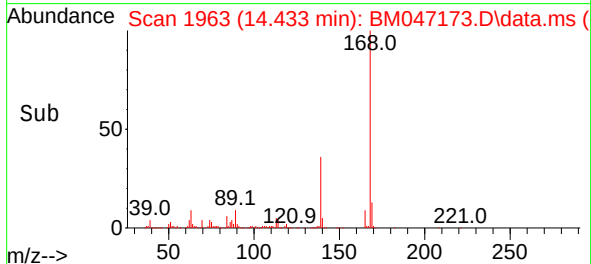
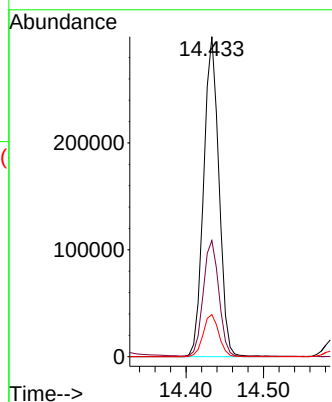
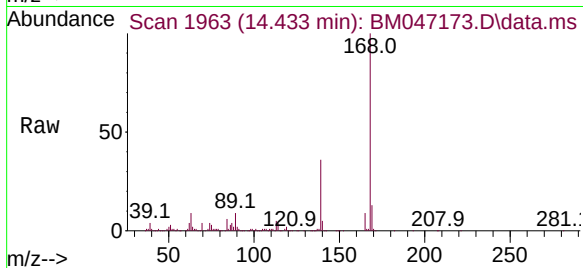
Tgt Ion:168 Resp: 410604

Ion Ratio Lower Upper

168 100

139 36.3 29.6 44.4

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 6.467 ng

RT: 14.292 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

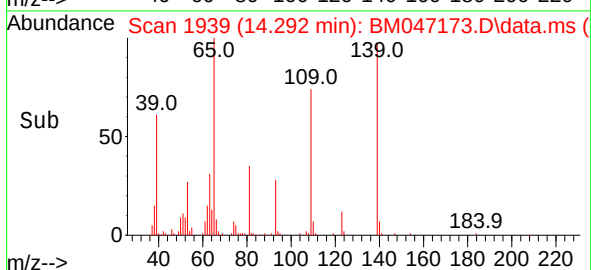
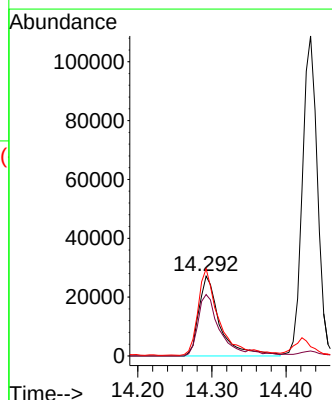
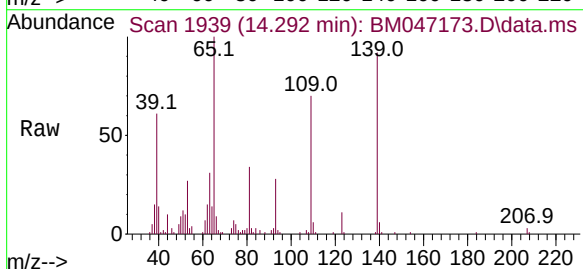
Tgt Ion:139 Resp: 53635

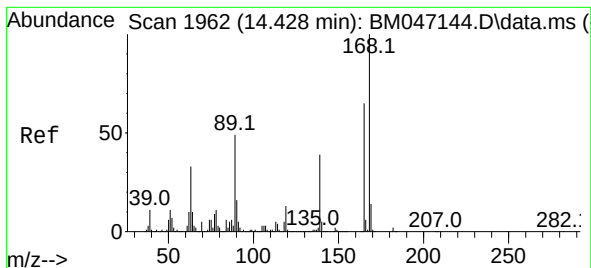
Ion Ratio Lower Upper

139 100

109 77.0 52.5 92.5

65 109.2 75.4 115.4

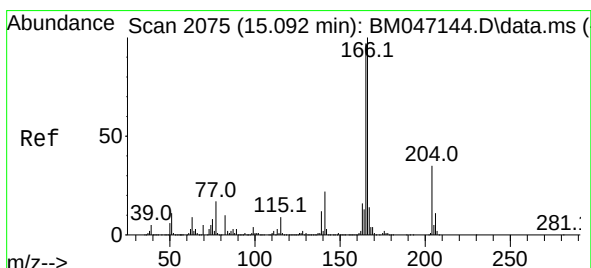
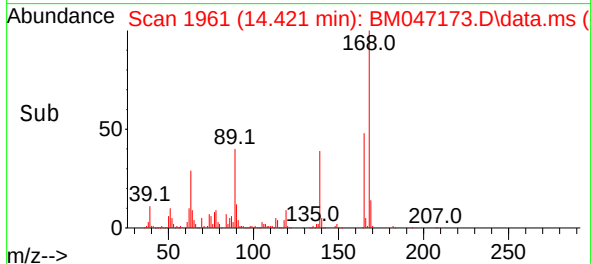
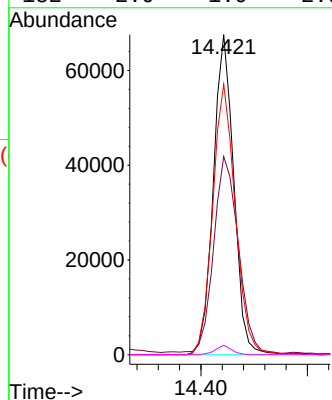
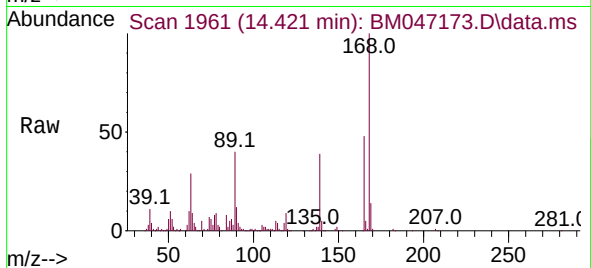




#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 14.421 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

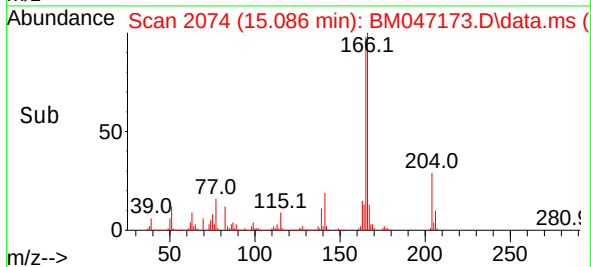
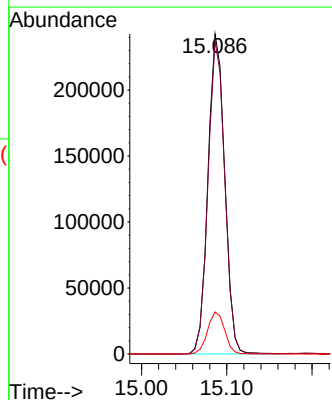
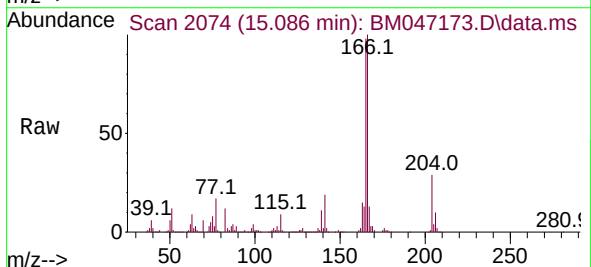
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

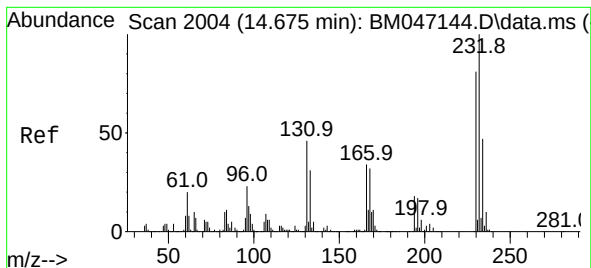
Tgt Ion:165 Resp: 89788
Ion Ratio Lower Upper
165 100
63 61.9 40.3 60.5#
89 84.5 61.0 91.6
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 8.296 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:166 Resp: 330740
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 13.1 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.147 ng

RT: 14.669 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM047173.D

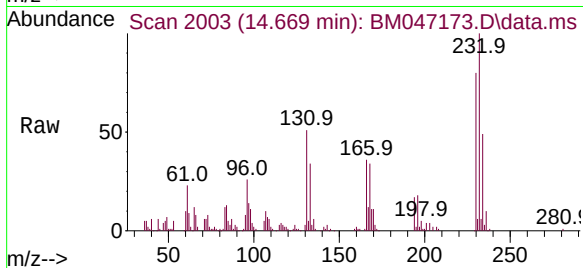
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 74335

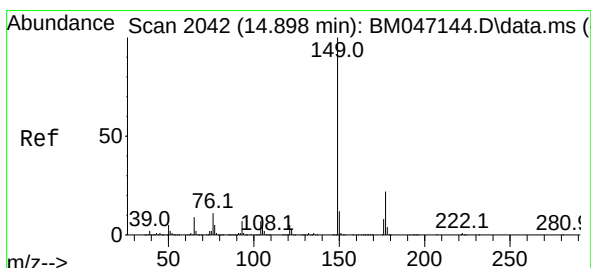
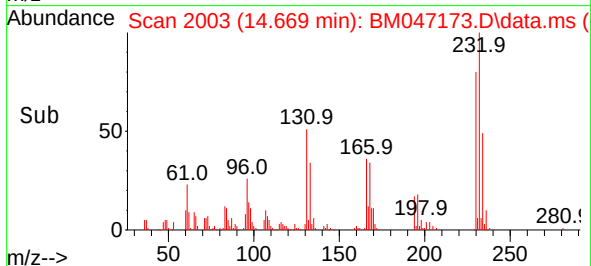
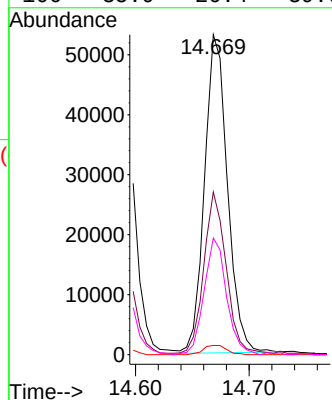
Ion Ratio Lower Upper

232 100

131 49.4 36.9 55.3

130 3.0 2.0 3.0

166 35.9 26.4 39.6



#60

Diethylphthalate

Concen: 7.822 ng

RT: 14.886 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

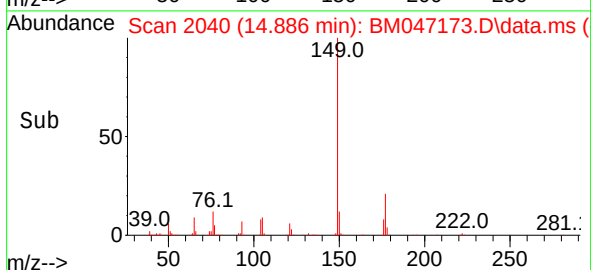
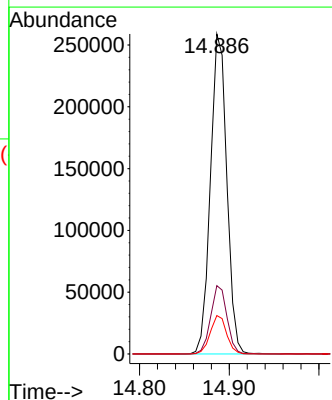
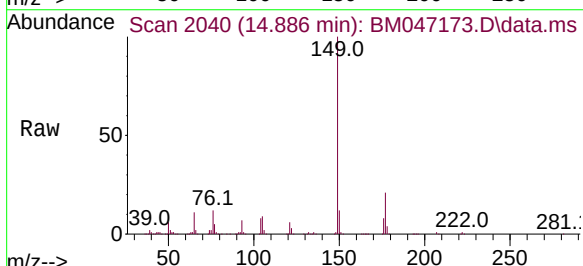
Tgt Ion:149 Resp: 327971

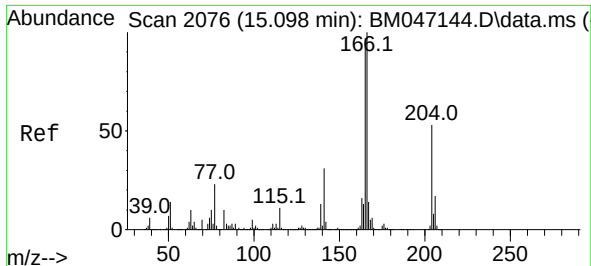
Ion Ratio Lower Upper

149 100

177 21.4 17.6 26.4

150 12.0 9.8 14.6





#61

4-Chlorophenyl-phenylether

Concen: 8.138 ng

RT: 15.092 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BM047173.D

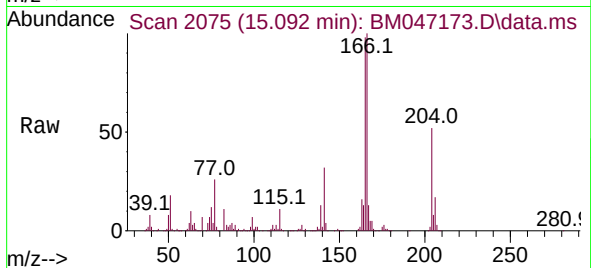
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



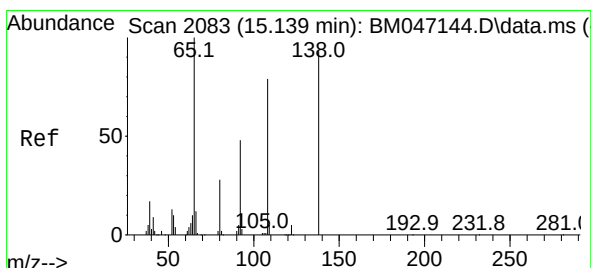
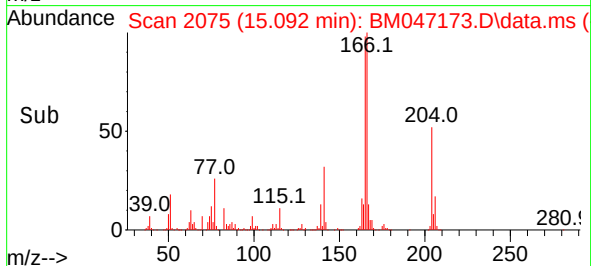
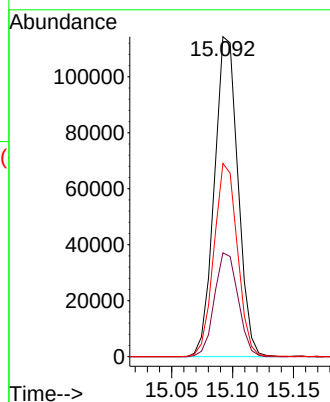
Tgt Ion:204 Resp: 154457

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

141 60.4 47.2 70.8



#62

4-Nitroaniline

Concen: 6.916 ng

RT: 15.127 min Scan# 2081

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

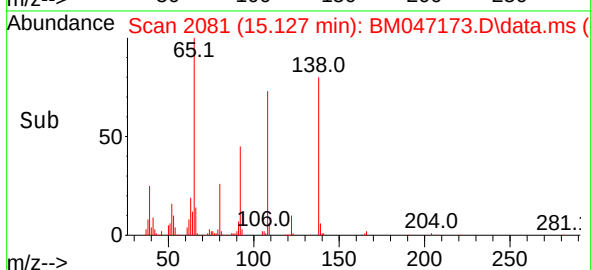
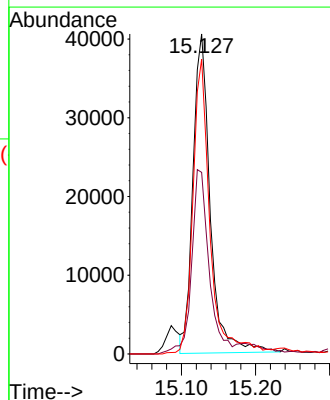
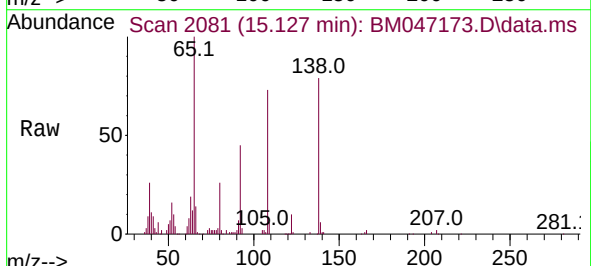
Tgt Ion:138 Resp: 65534

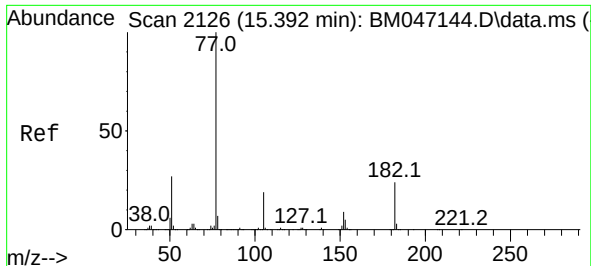
Ion Ratio Lower Upper

138 100

92 56.8 31.9 71.9

108 92.1 63.8 103.8

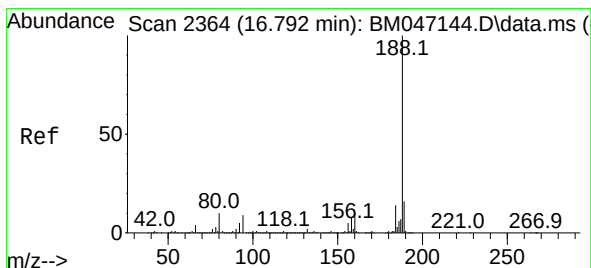
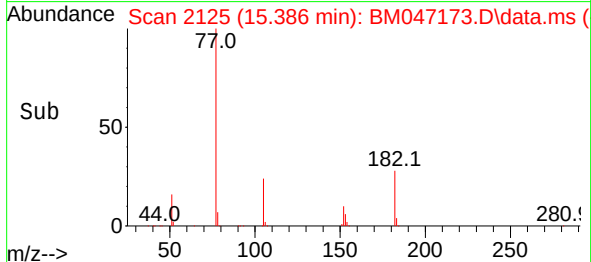
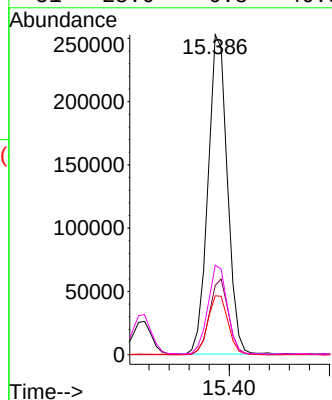
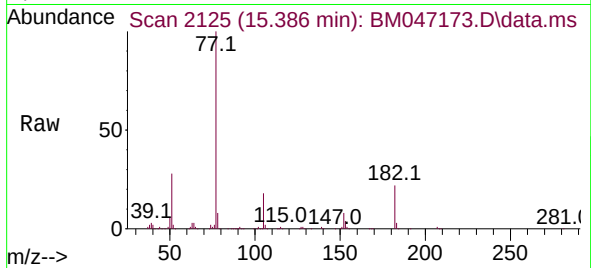




#63
Azobenzene
Concen: 8.533 ng
RT: 15.386 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

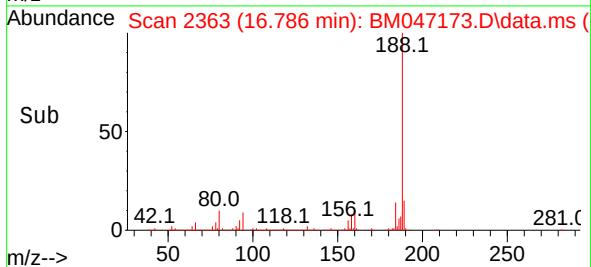
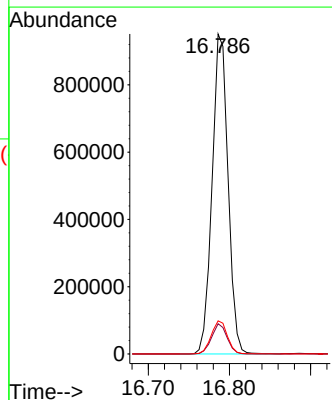
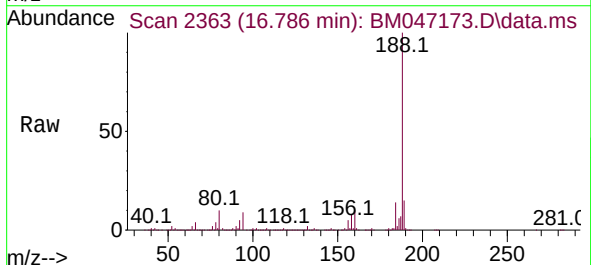
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

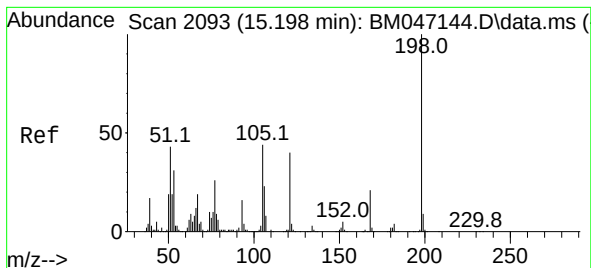
Tgt Ion: 77	Resp: 339230
Ion Ratio	Lower Upper
77 100	
182 21.7	3.8 43.8
105 18.4	0.0 39.5
51 28.0	6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:188	Resp: 1295651		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.0	10.6	
80 10.4	8.0	12.0	

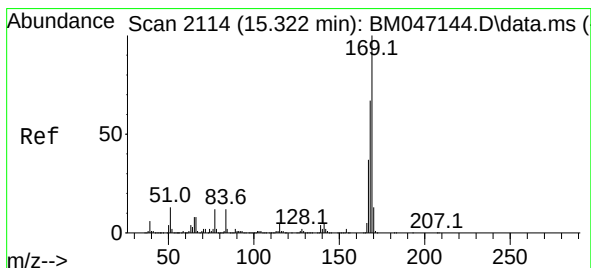
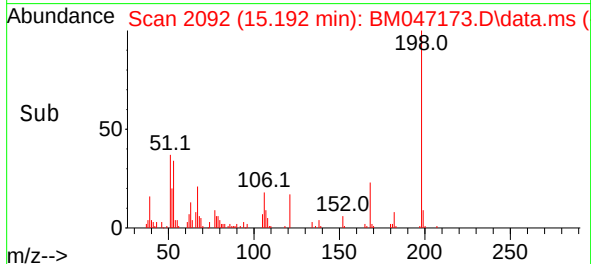
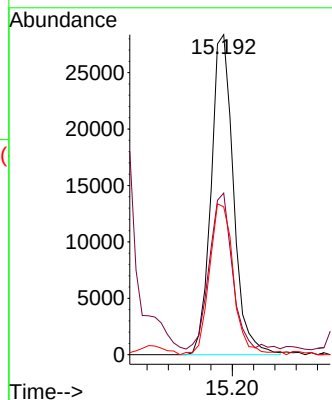
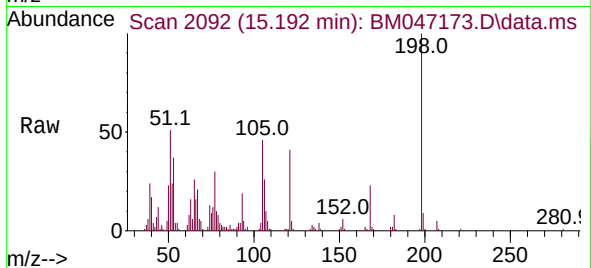




#65
4,6-Dinitro-2-methylphenol
Concen: 5.470 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

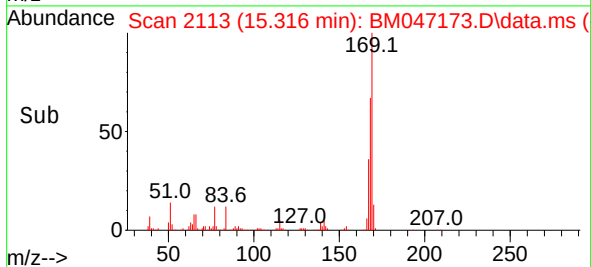
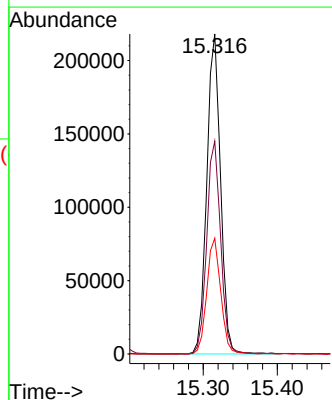
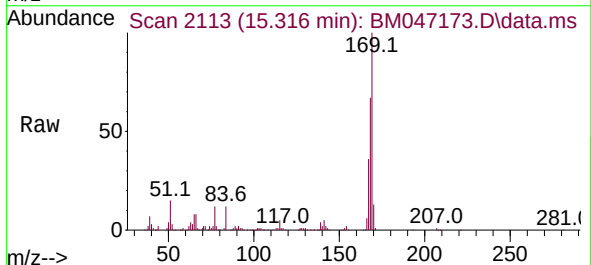
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

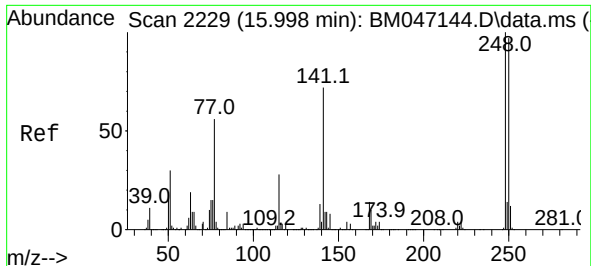
Tgt Ion:198 Resp: 41495
Ion Ratio Lower Upper
198 100
51 50.5 23.9 63.9
105 46.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 7.969 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:169 Resp: 281235
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.2 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 7.340 ng

RT: 15.992 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BM047173.D

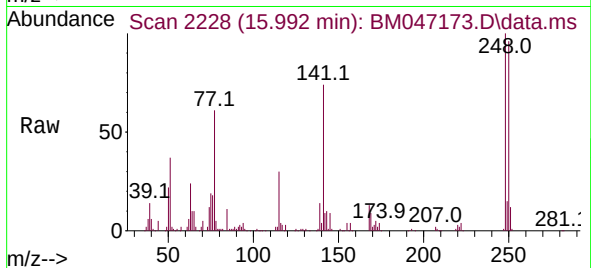
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



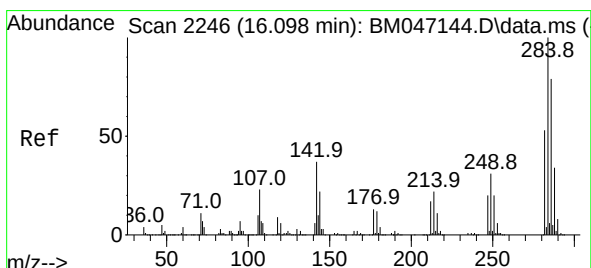
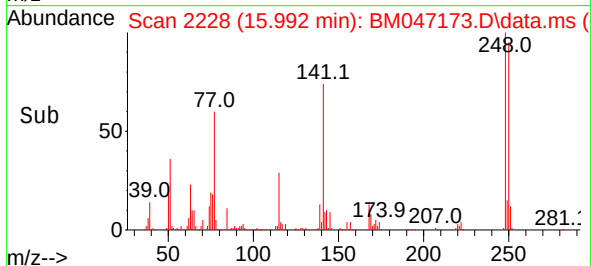
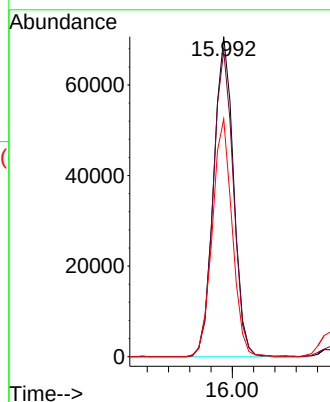
Tgt Ion:248 Resp: 91641

Ion Ratio Lower Upper

248 100

250 95.7 77.8 116.8

141 74.3 57.7 86.5



#68

Hexachlorobenzene

Concen: 7.508 ng

RT: 16.092 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

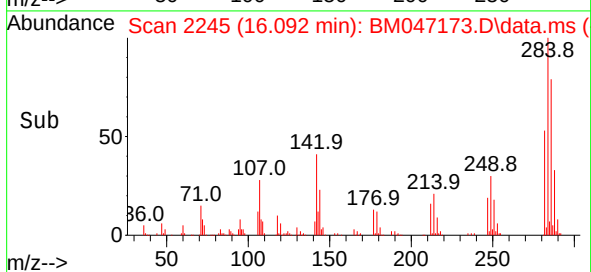
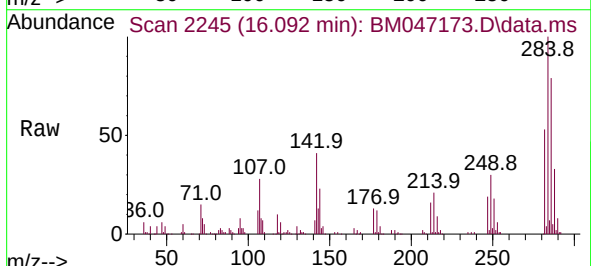
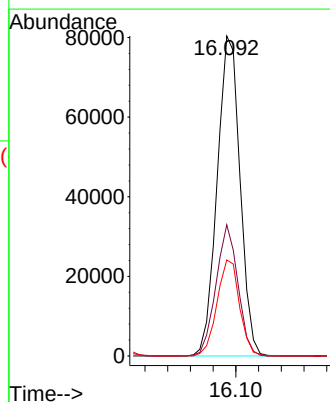
Tgt Ion:284 Resp: 112267

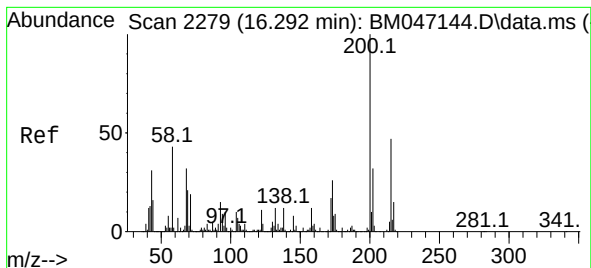
Ion Ratio Lower Upper

284 100

142 41.0 29.4 44.0

249 30.0 25.1 37.7





#69

Atrazine

Concen: 8.784 ng

RT: 16.286 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

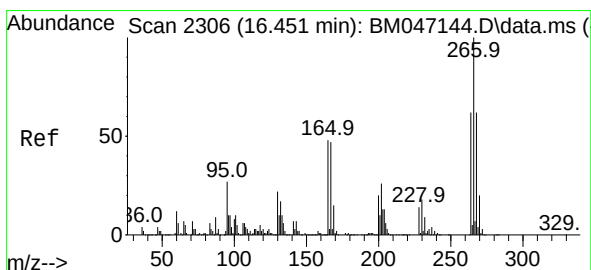
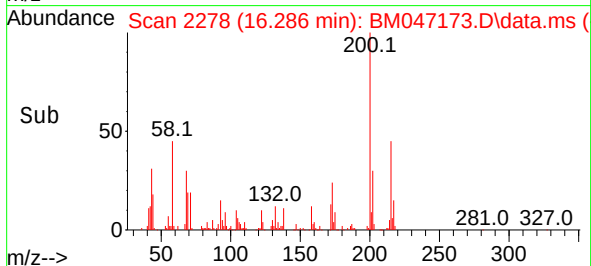
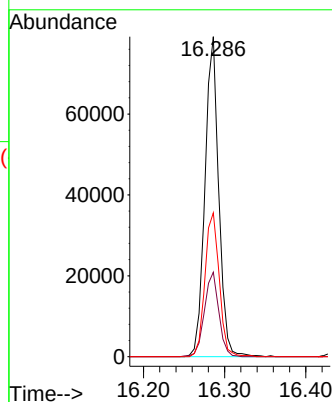
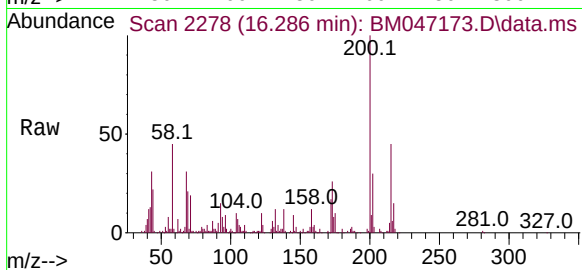
Tgt Ion:200 Resp: 93285

Ion Ratio Lower Upper

200 100

173 26.4 6.1 46.1

215 44.9 26.8 66.8



#70

Pentachlorophenol

Concen: 5.579 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

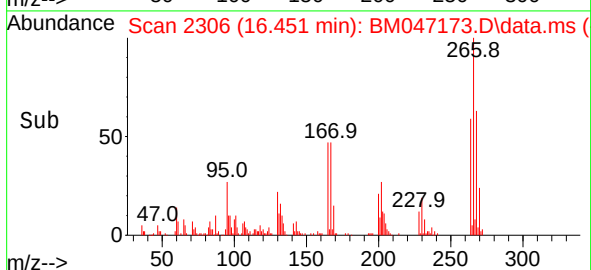
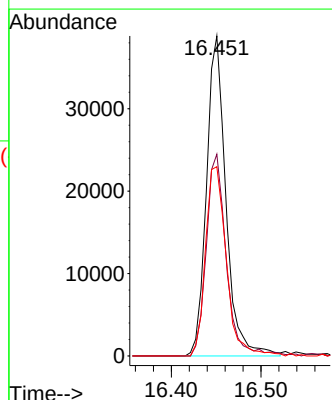
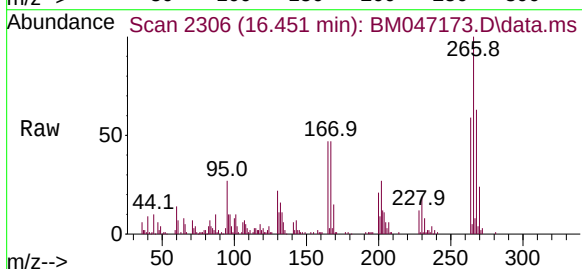
Tgt Ion:266 Resp: 58475

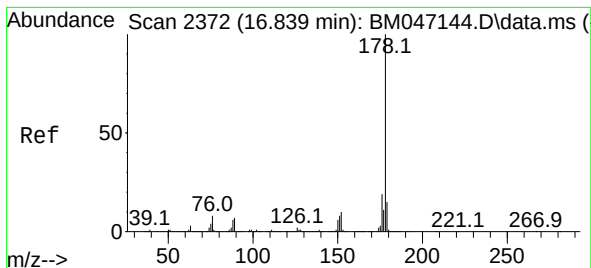
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

264 59.2 49.6 74.4





#71

Phenanthrene

Concen: 8.243 ng

RT: 16.833 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

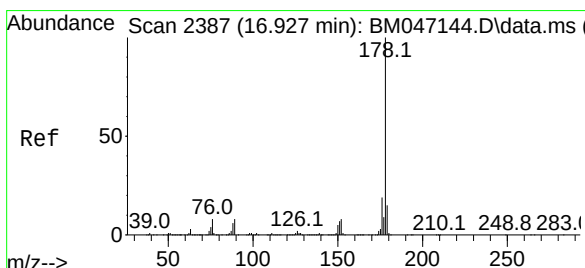
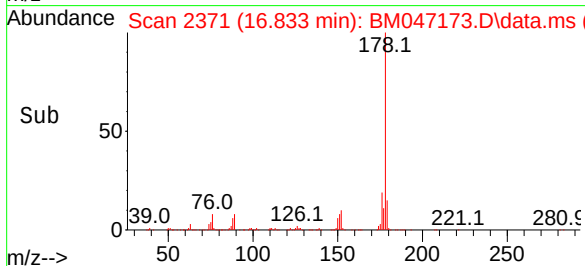
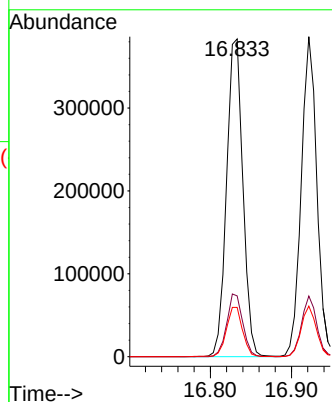
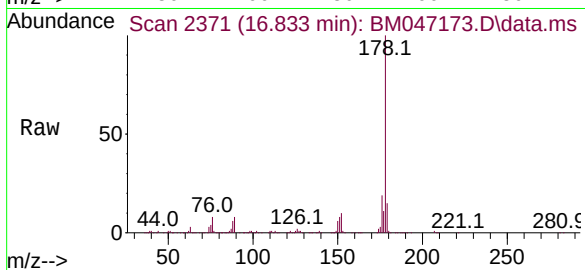
Tgt Ion:178 Resp: 535987

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 8.230 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

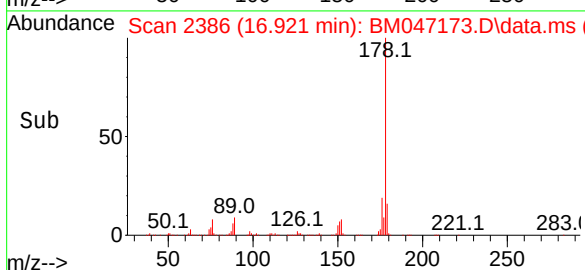
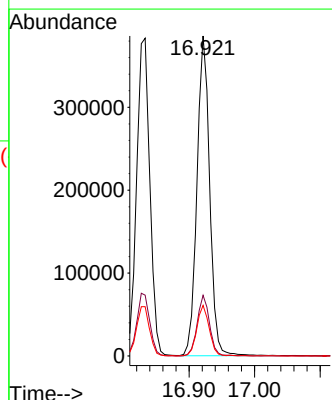
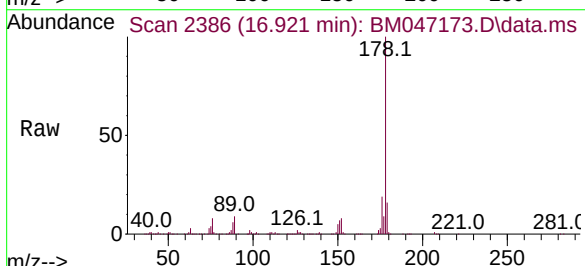
Tgt Ion:178 Resp: 520703

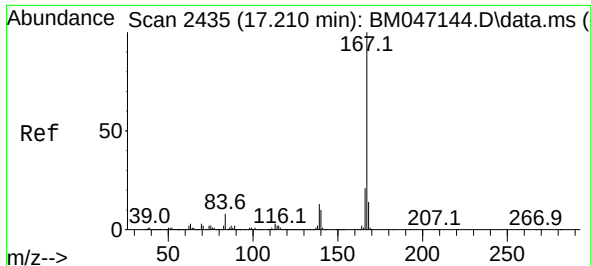
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.8 12.4 18.6

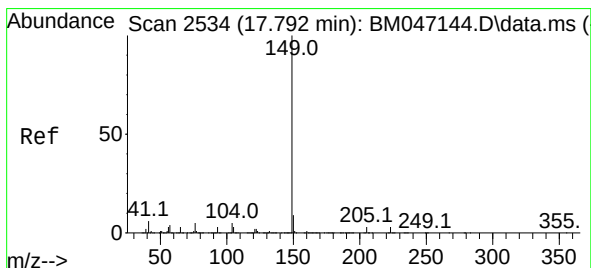
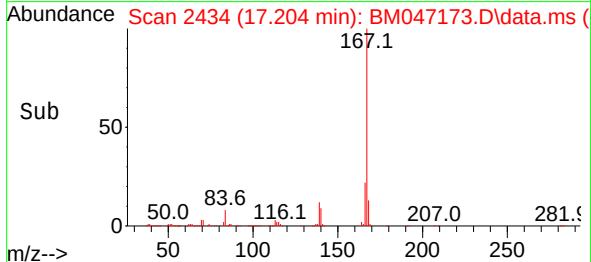
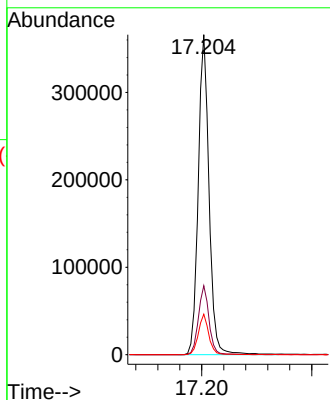
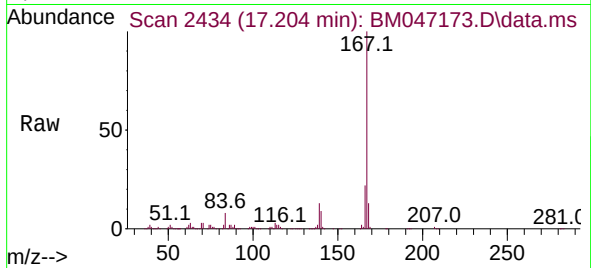




#73
 Carbazole
 Concen: 7.736 ng
 RT: 17.204 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

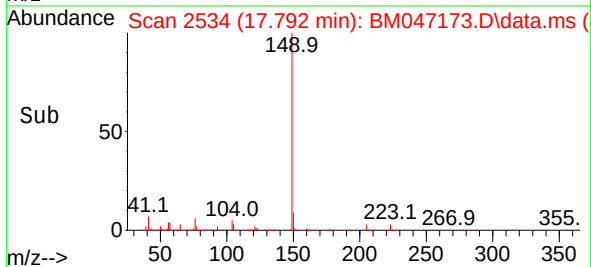
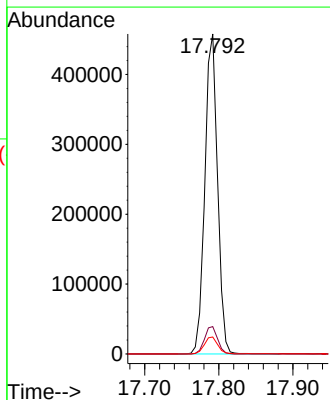
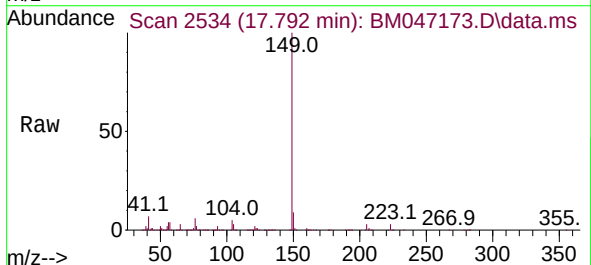
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024

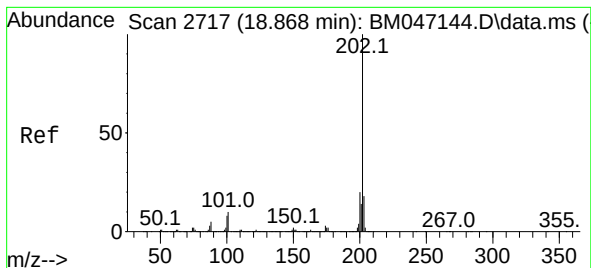
Tgt Ion:167 Resp: 499722
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 7.243 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047173.D
 Acq: 13 Aug 2024 13:47

Tgt Ion:149 Resp: 544404
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 7.407 ng

RT: 18.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

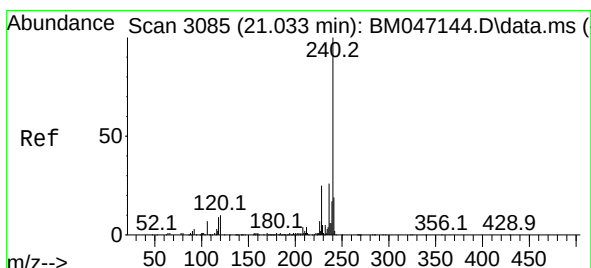
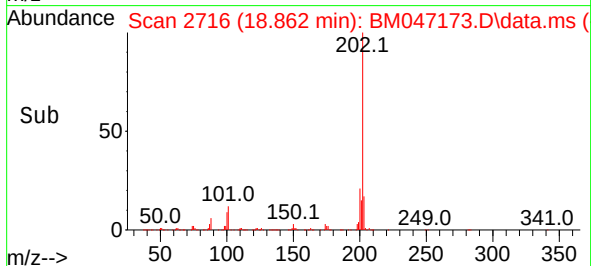
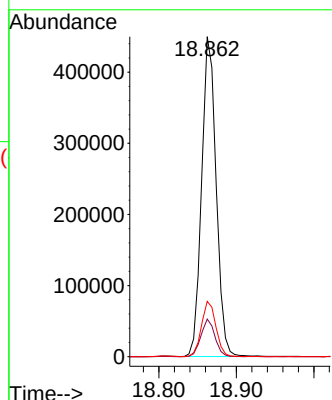
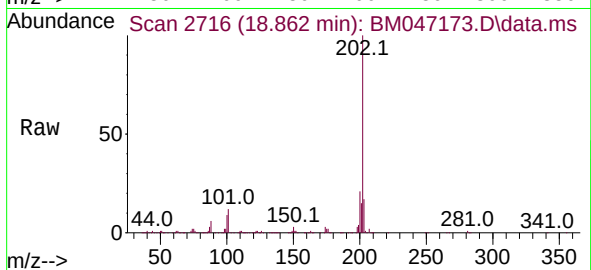
Tgt Ion:202 Resp: 585822

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.2

203 17.3 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: BM047173.D

Acq: 13 Aug 2024 13:47

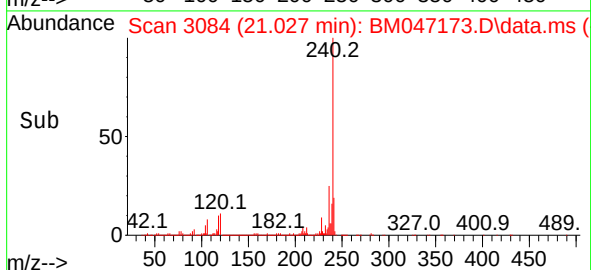
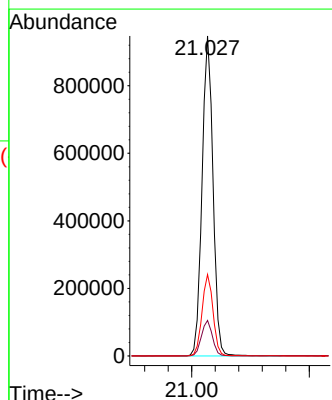
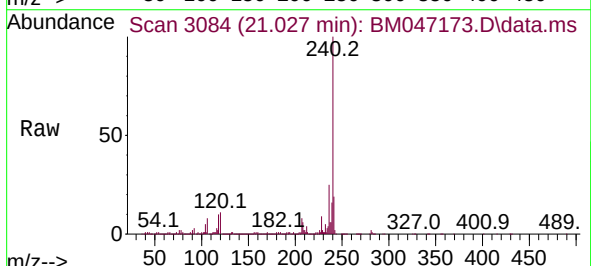
Tgt Ion:240 Resp: 1223995

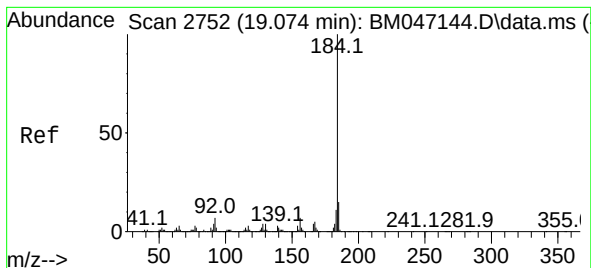
Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

236 25.4 20.6 30.8





#77

Benzidine

Concen: 10.932 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

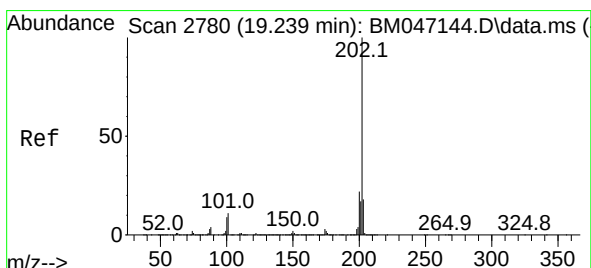
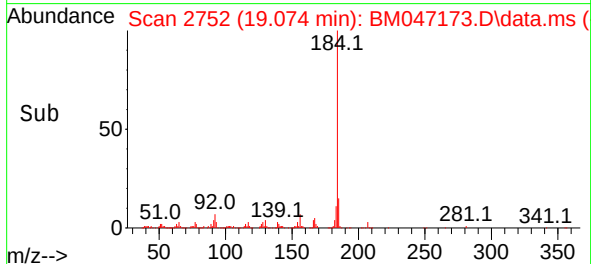
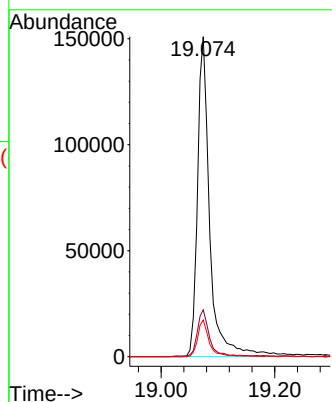
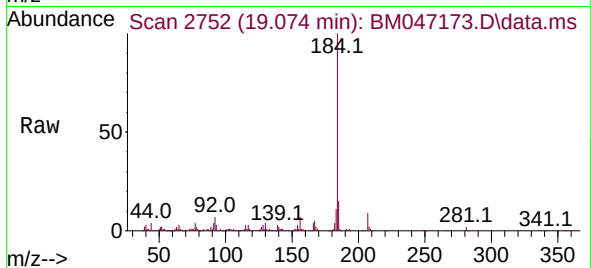
Tgt Ion:184 Resp: 226921

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 11.4 9.0 13.6



#78

Pyrene

Concen: 7.182 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

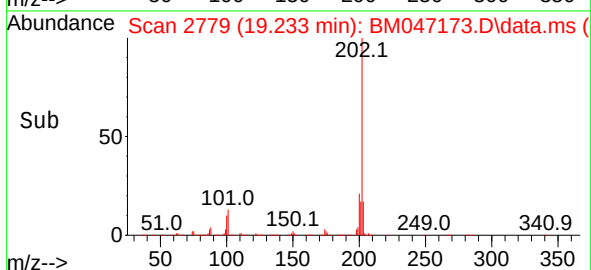
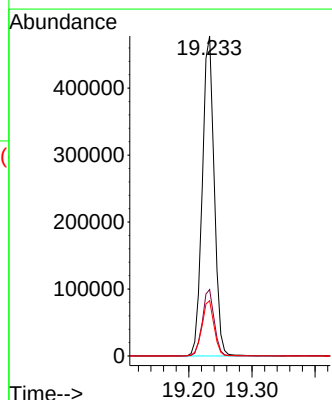
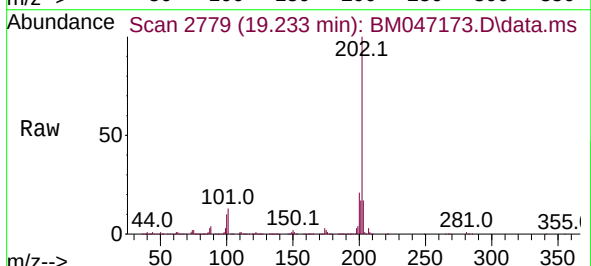
Tgt Ion:202 Resp: 627668

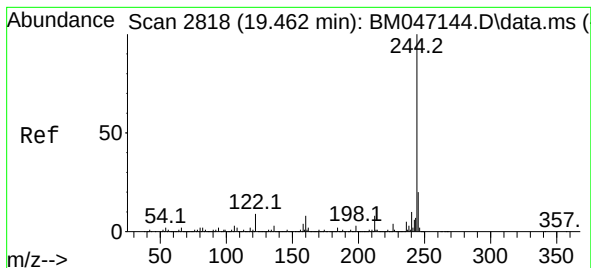
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 84.780 ng

RT: 19.456 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

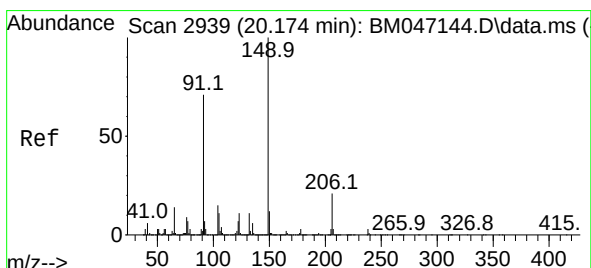
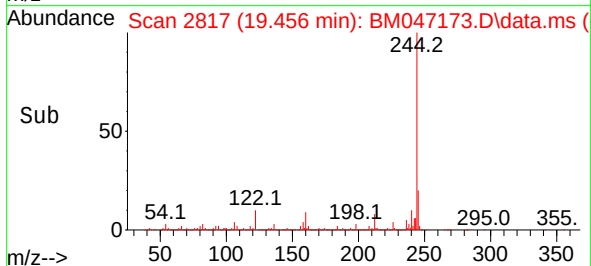
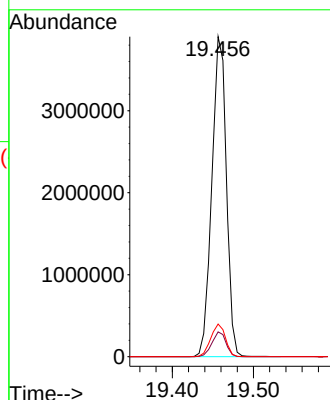
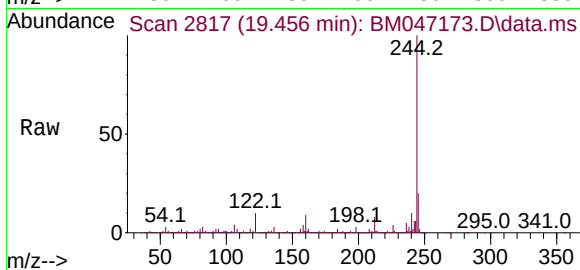
Tgt Ion:244 Resp: 4842848

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.2 7.1 10.7



#80

Butylbenzylphthalate

Concen: 6.596 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

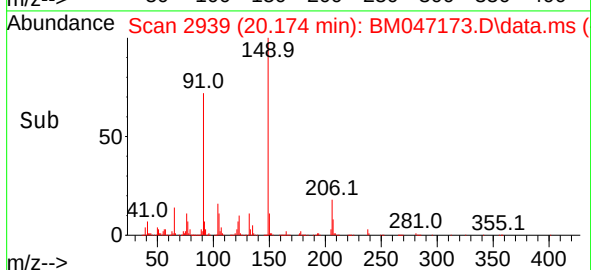
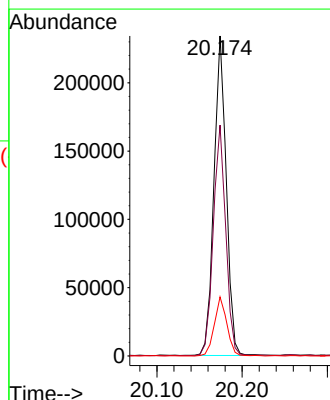
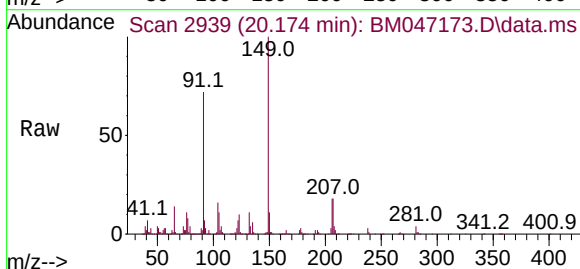
Tgt Ion:149 Resp: 235259

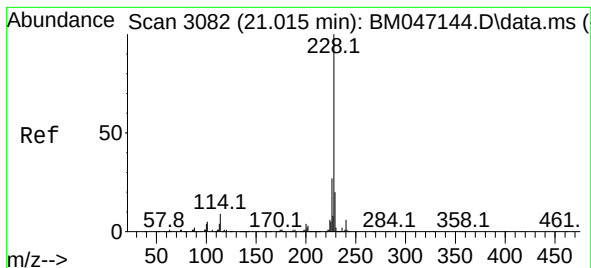
Ion Ratio Lower Upper

149 100

91 72.1 57.0 85.4

206 18.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 7.814 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

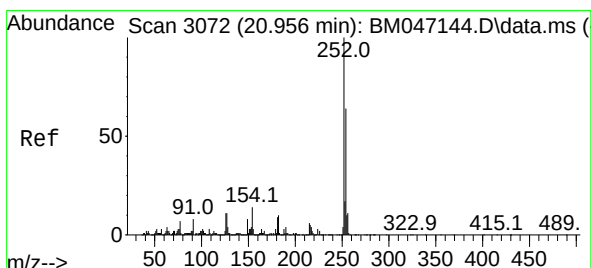
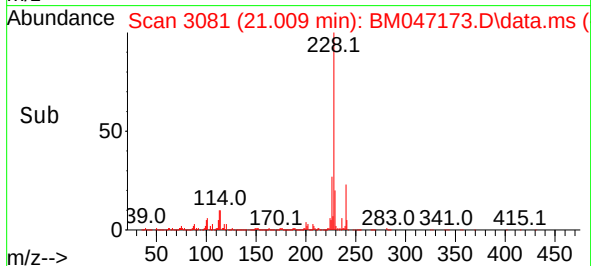
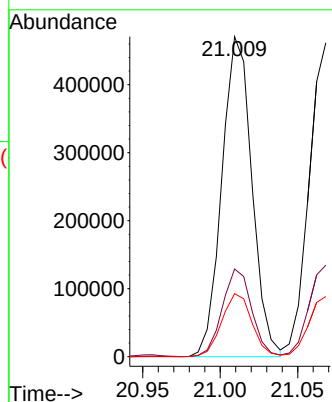
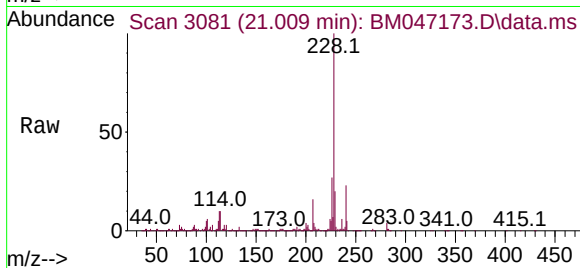
Tgt Ion:228 Resp: 634899

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 8.143 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

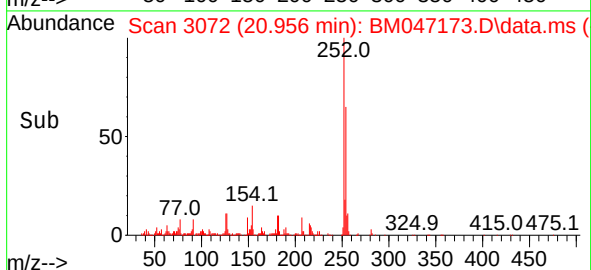
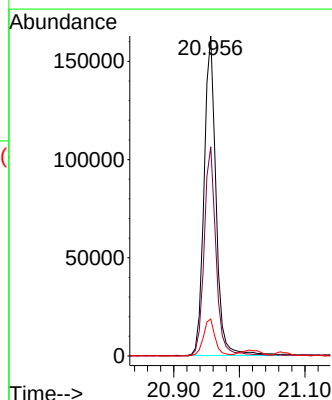
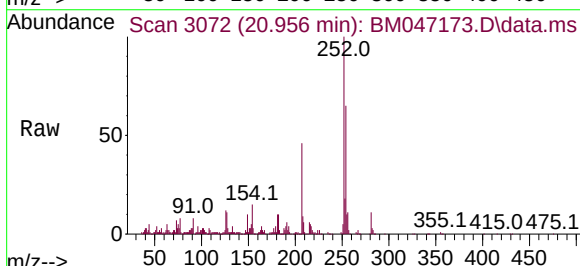
Tgt Ion:252 Resp: 207029

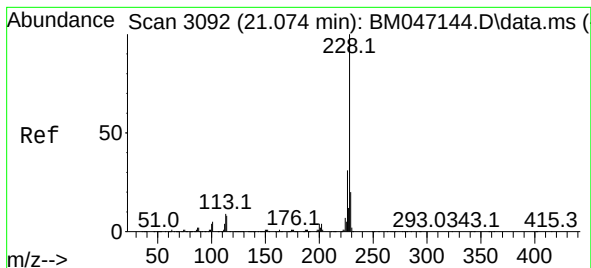
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 11.5 8.5 12.7





#83

Chrysene

Concen: 7.824 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

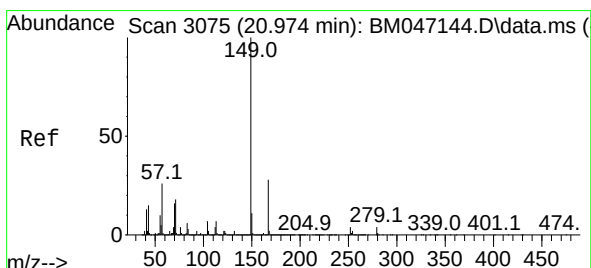
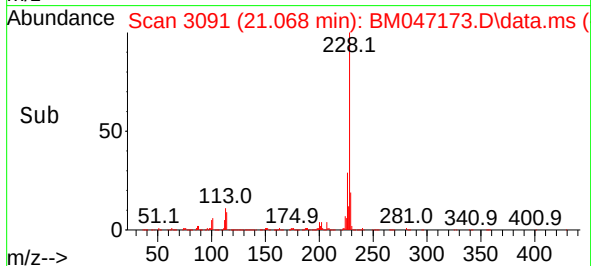
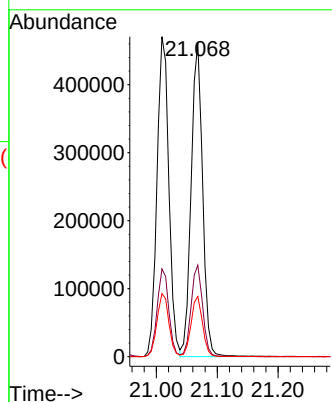
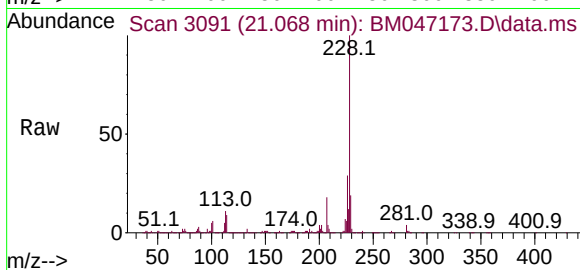
Tgt Ion:228 Resp: 603192

Ion Ratio Lower Upper

228 100

226 29.1 24.4 36.6

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.818 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

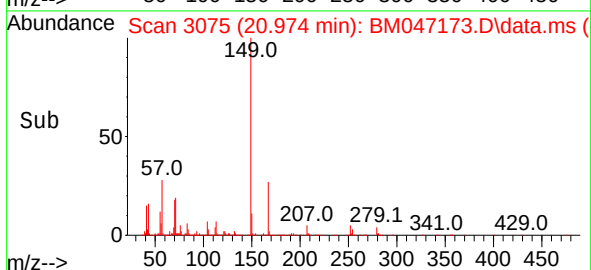
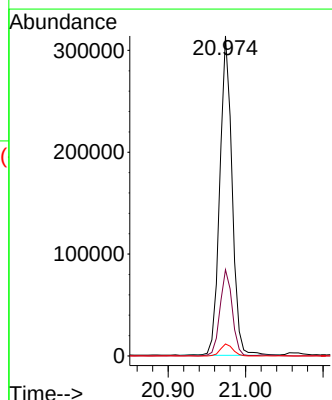
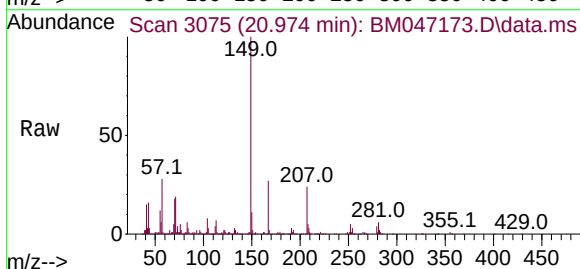
Tgt Ion:149 Resp: 344883

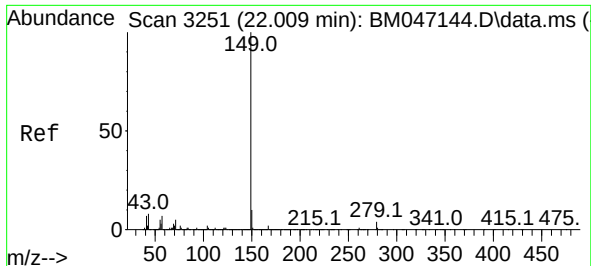
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 3.8 3.0 4.4

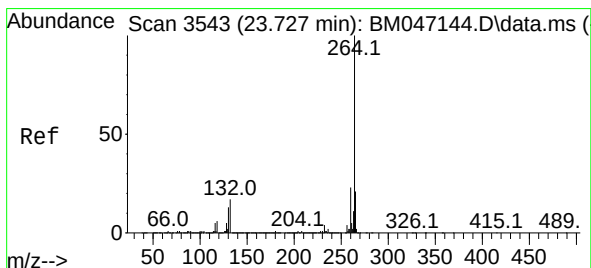
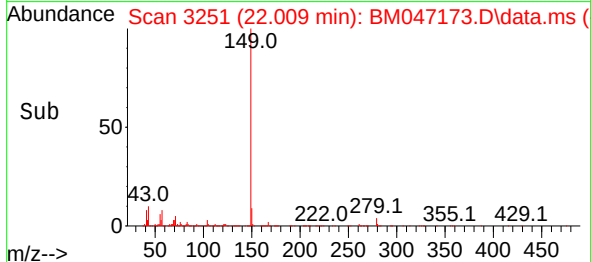
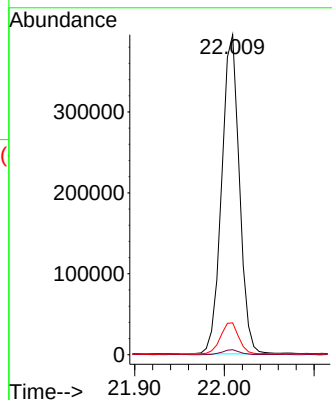
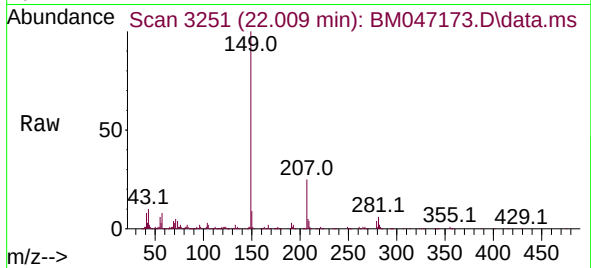




#85
Di-n-octyl phthalate
Concen: 6.285 ng
RT: 22.009 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

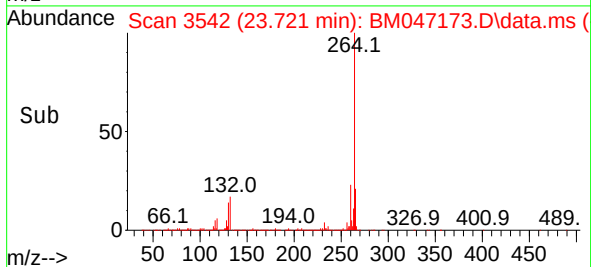
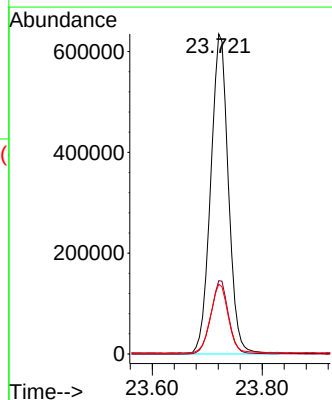
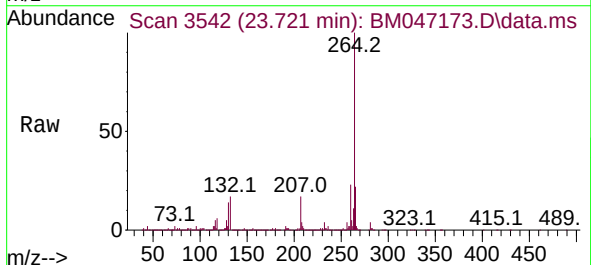
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

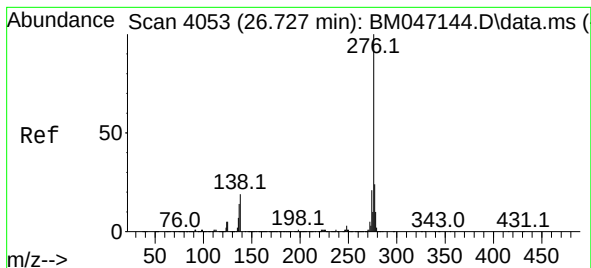
Tgt Ion:149 Resp: 540319
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047173.D
Acq: 13 Aug 2024 13:47

Tgt Ion:264 Resp: 1419644
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.810 ng

RT: 26.703 min Scan# 4053

Delta R.T. -0.024 min

Lab File: BM047173.D

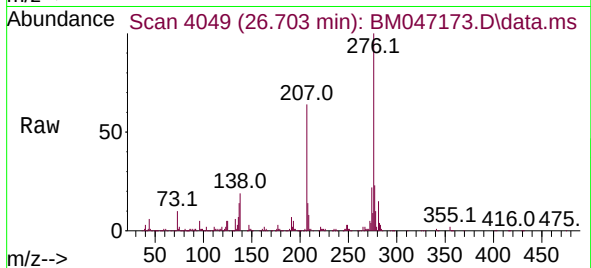
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



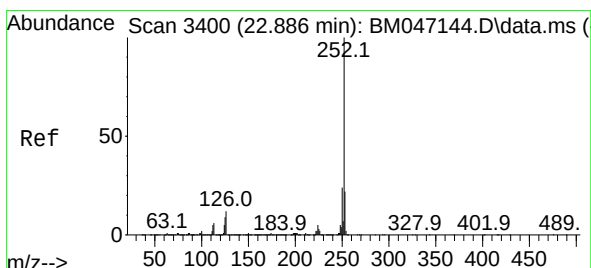
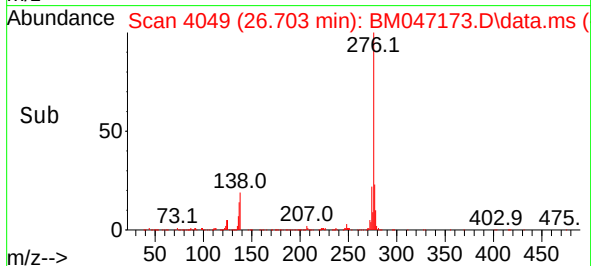
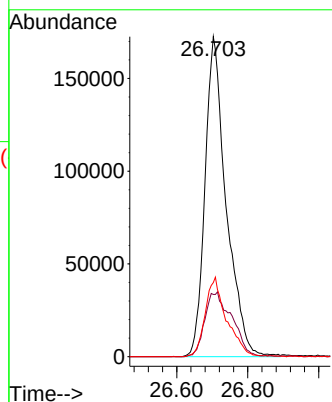
Tgt Ion:276 Resp: 716650

Ion Ratio Lower Upper

276 100

138 25.8 19.4 29.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.414 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

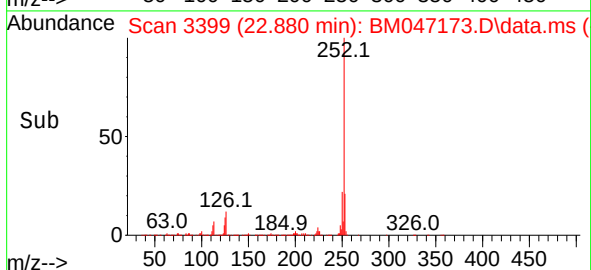
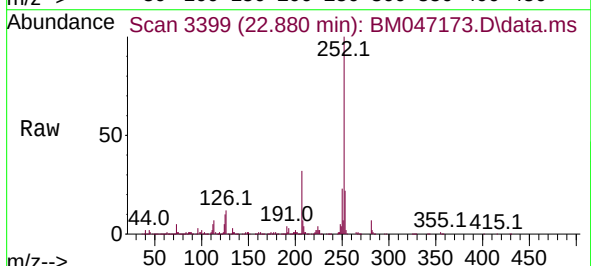
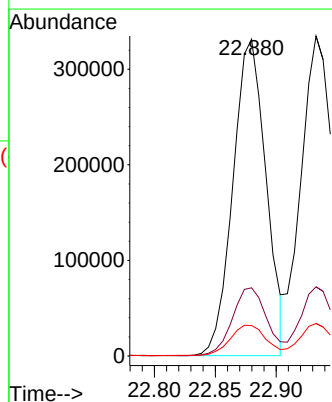
Tgt Ion:252 Resp: 625057

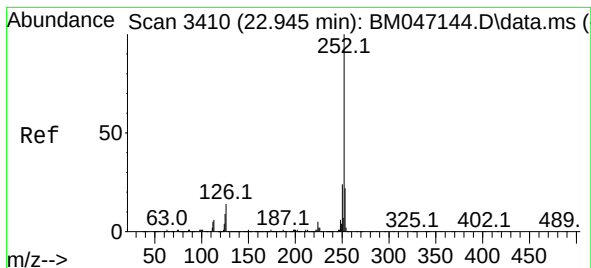
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 8.005 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

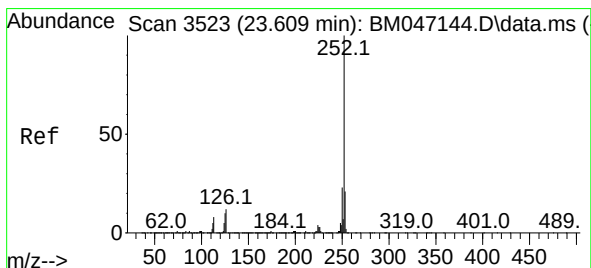
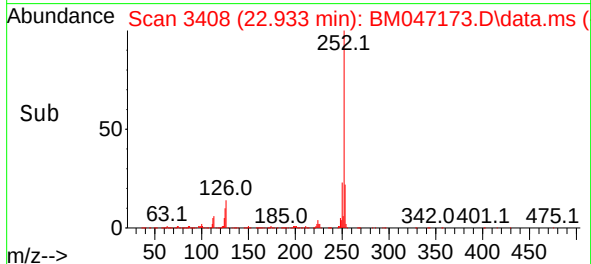
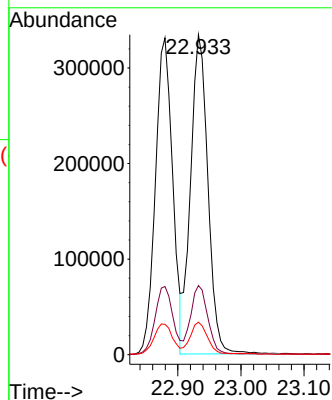
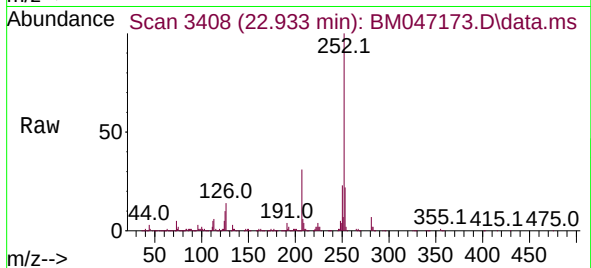
Tgt Ion:252 Resp: 637420

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 7.684 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

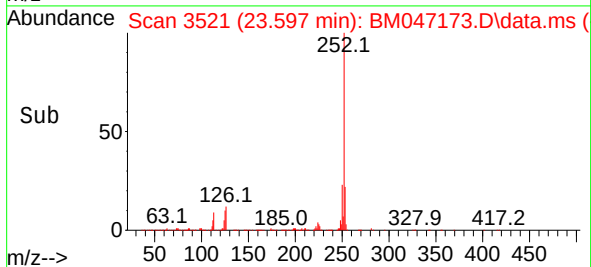
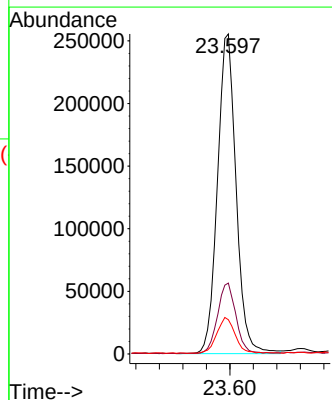
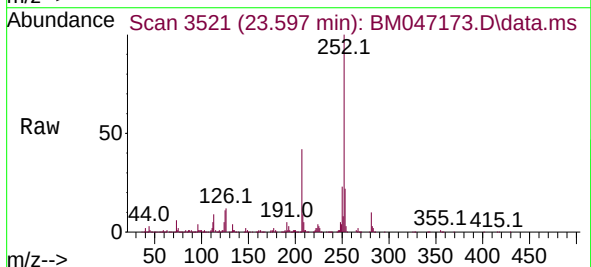
Tgt Ion:252 Resp: 561152

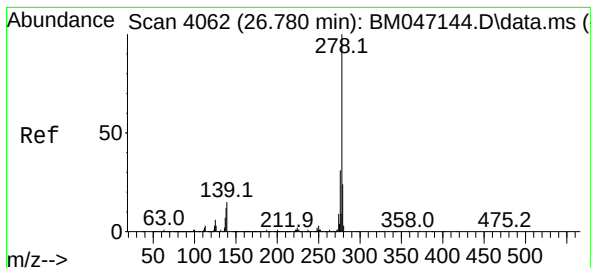
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 10.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 7.892 ng

RT: 26.756 min Scan# 4058

Delta R.T. -0.024 min

Lab File: BM047173.D

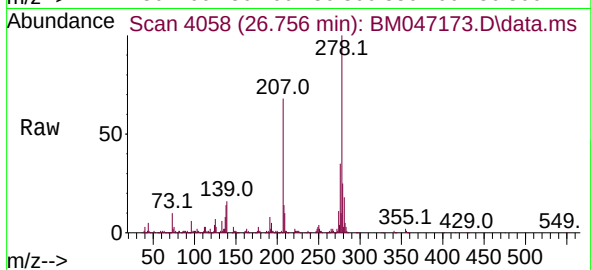
Acq: 13 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



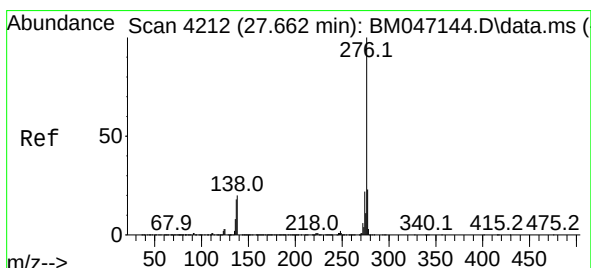
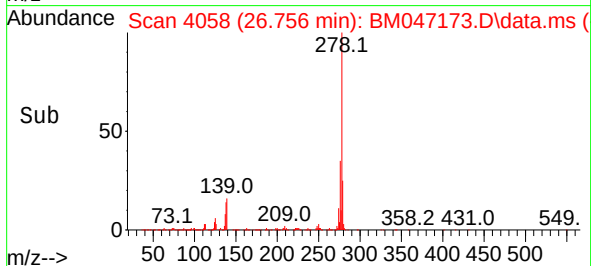
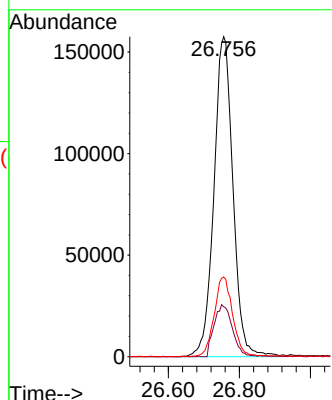
Tgt Ion:278 Resp: 586085

Ion Ratio Lower Upper

278 100

139 15.6 12.0 18.0

279 24.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 7.458 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047173.D

Acq: 13 Aug 2024 13:47

Tgt Ion:276 Resp: 575053

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 21.7 16.2 24.4

