

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048231.D
 Acq On : 25 Oct 2024 10:47
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER-8 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 25 11:24:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	227983	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	918288	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	575648	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1139804	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1026711	20.000	ng	-0.01
86) Perylene-d12	24.280	264	1112637	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1699390	125.298	ng	0.00
7) Phenol-d6	6.898	99	2232678	126.403	ng	0.00
23) Nitrobenzene-d5	8.875	82	1487905	91.487	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	887254	125.923	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	3322939	88.579	ng	0.00
79) Terphenyl-d14	19.733	244	4031179	80.125	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.199	88	47665	8.586	ng	99
3) Pyridine	3.610	79	108340	7.346	ng	98
4) n-Nitrosodimethylamine	3.516	42	51631	8.245	ng	# 96
6) Aniline	7.051	93	152246	10.384	ng	98
8) 2-Chlorophenol	7.287	128	125139	8.493	ng	97
9) Benzaldehyde	6.863	77	107716	12.412	ng	99
10) Phenol	6.922	94	148924	8.380	ng	94
11) bis(2-Chloroethyl)ether	7.145	93	119694	8.456	ng	100
12) 1,3-Dichlorobenzene	7.604	146	142373	8.381	ng	99
13) 1,4-Dichlorobenzene	7.751	146	146959	8.515	ng	98
14) 1,2-Dichlorobenzene	8.069	146	138101	8.280	ng	98
15) Benzyl Alcohol	7.963	79	89639	7.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	186345	9.001	ng	99
17) 2-Methylphenol	8.169	107	94109	7.970	ng	97
18) Hexachloroethane	8.792	117	51481	8.139	ng	96
19) n-Nitroso-di-n-propyla...	8.522	70	91312	8.171	ng	99
20) 3+4-Methylphenols	8.498	107	125286	7.659	ng	99
22) Acetophenone	8.539	105	191514	8.545	ng	# 99
24) Nitrobenzene	8.916	77	141242	8.382	ng	97
25) Isophorone	9.445	82	239227	8.025	ng	99
26) 2-Nitrophenol	9.628	139	57093	7.338	ng	95
27) 2,4-Dimethylphenol	9.692	122	53980	5.718	ng	97
28) bis(2-Chloroethoxy)met...	9.922	93	153058	8.114	ng	97
29) 2,4-Dichlorophenol	10.169	162	102842	7.573	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	124511	8.006	ng	98
31) Naphthalene	10.557	128	389655	8.136	ng	100
32) Benzoic acid	9.792	122	49605	4.721	ng	99
33) 4-Chloroaniline	10.680	127	136338	8.777	ng	98
34) Hexachlorobutadiene	10.845	225	76060	7.891	ng	97
35) Caprolactam	11.451	113	28895	6.551	ng	91
36) 4-Chloro-3-methylphenol	11.810	107	105367	7.433	ng	97
37) 2-Methylnaphthalene	12.174	142	256097	8.003	ng	100
38) 1-Methylnaphthalene	12.398	142	241383	7.607	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	138128	8.395	ng	100
41) Hexachlorocyclopentadiene	12.527	237	29464	5.292	ng	96
43) 2,4,6-Trichlorophenol	12.798	196	80820	7.402	ng	97

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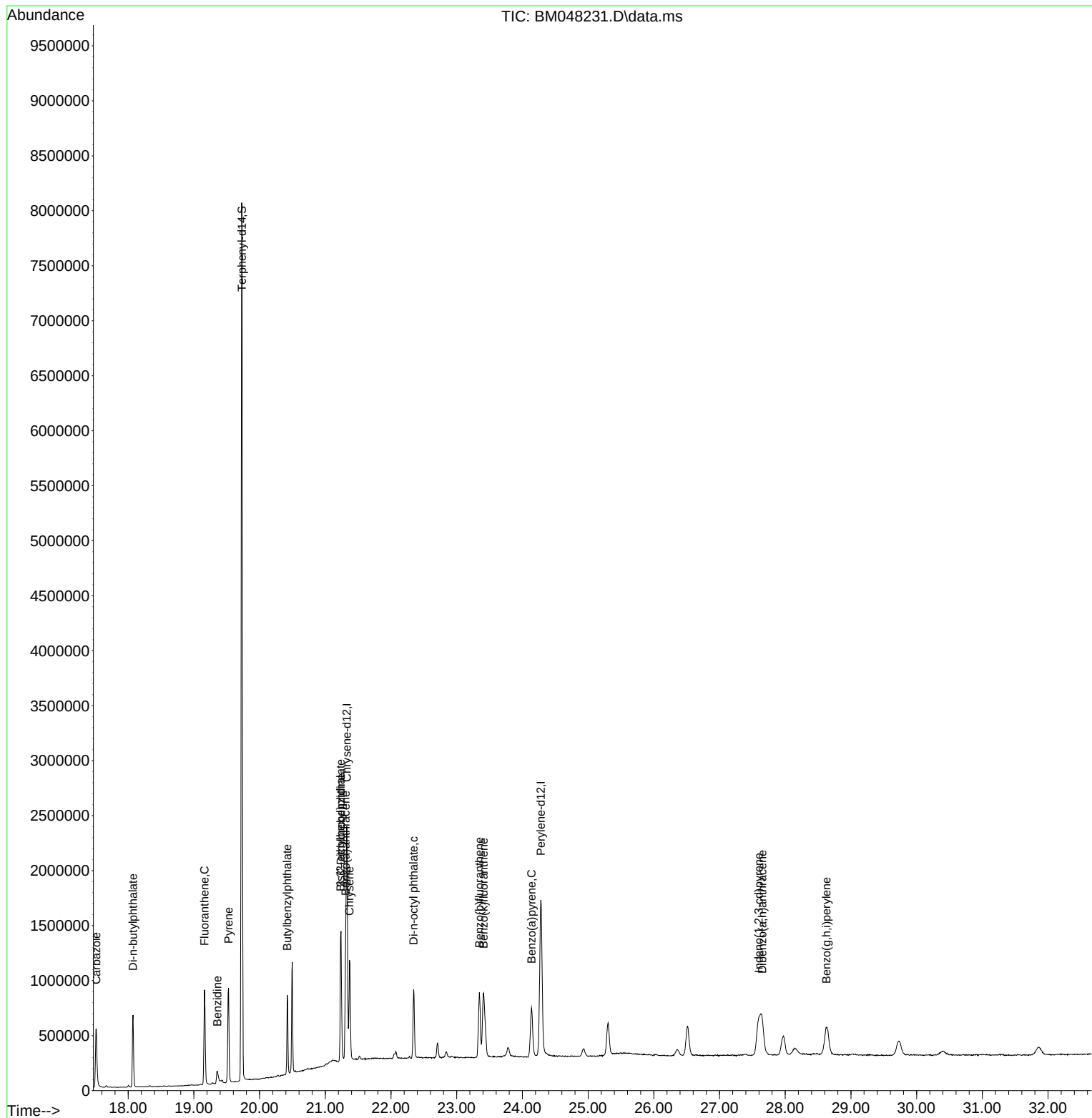
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	90473	7.430	ng	99
46) 1,1'-Biphenyl	13.192	154	354918	8.636	ng	98
47) 2-Chloronaphthalene	13.233	162	261727	8.077	ng	100
48) 2-Nitroaniline	13.445	65	64048	7.287	ng	95
49) Acenaphthylene	14.080	152	409609	8.664	ng	99
50) Dimethylphthalate	13.821	163	314214	7.996	ng	100
51) 2,6-Dinitrotoluene	13.939	165	61892	7.059	ng	92
52) Acenaphthene	14.427	154	239873	7.985	ng	99
53) 3-Nitroaniline	14.274	138	57370	6.938	ng	# 96
54) 2,4-Dinitrophenol	14.492	184	25147	4.908	ng	98
55) Dibenzofuran	14.763	168	396754	8.313	ng	100
56) 4-Nitrophenol	14.604	139	40778	5.525	ng	92
57) 2,4-Dinitrotoluene	14.733	165	80011	6.910	ng	92
58) Fluorene	15.410	166	309216	8.193	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	79573	7.884	ng	99
60) Diethylphthalate	15.186	149	304735	7.659	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	154321	8.178	ng	99
62) 4-Nitroaniline	15.439	138	55085	6.437	ng	94
63) Azobenzene	15.698	77	289566	8.120	ng	100
65) 4,6-Dinitro-2-methylph...	15.504	198	40454	6.117	ng	98
66) n-Nitrosodiphenylamine	15.621	169	257429	8.227	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	93877	8.124	ng	98
68) Hexachlorobenzene	16.415	284	110488	7.960	ng	99
69) Atrazine	16.574	200	83877	9.580	ng	99
70) Pentachlorophenol	16.762	266	61019	6.696	ng	99
71) Phenanthrene	17.145	178	475004	8.416	ng	99
72) Anthracene	17.239	178	430275	7.875	ng	99
73) Carbazole	17.515	167	415458	7.757	ng	99
74) Di-n-butylphthalate	18.074	149	487771	7.316	ng	99
75) Fluoranthene	19.162	202	516260	7.668	ng	98
77) Benzidine	19.356	184	112726	9.513	ng	98
78) Pyrene	19.527	202	544590	7.925	ng	99
80) Butylbenzylphthalate	20.421	149	205415	7.148	ng	94
81) Benzo(a)anthracene	21.309	228	532871	8.122	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	177451	7.896	ng	99
83) Chrysene	21.368	228	520345	8.263	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	307922	7.372	ng	99
85) Di-n-octyl phthalate	22.344	149	472572	6.533	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	609277	8.281	ng	99
88) Benzo(b)fluoranthene	23.344	252	503871	7.898	ng	99
89) Benzo(k)fluoranthene	23.409	252	533731	8.653	ng	99
90) Benzo(a)pyrene	24.138	252	455822	8.219	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	502006	8.193	ng	99
92) Benzo(g,h,i)perylene	28.626	276	475416	7.578	ng	99

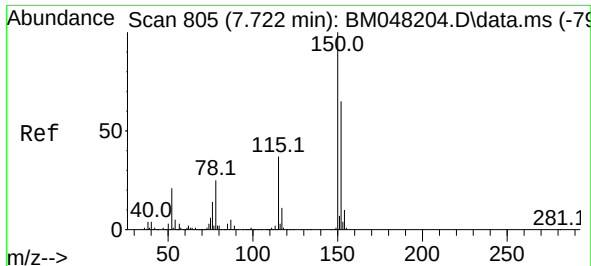
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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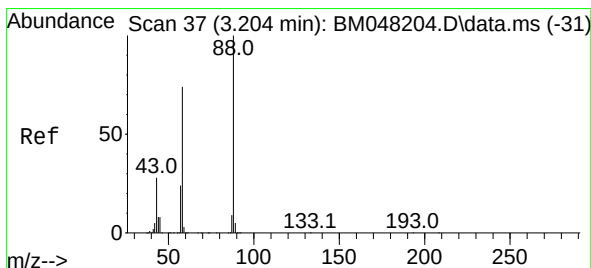
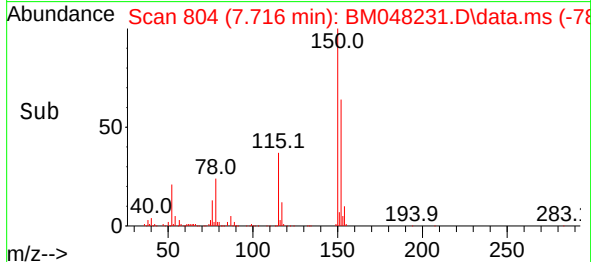
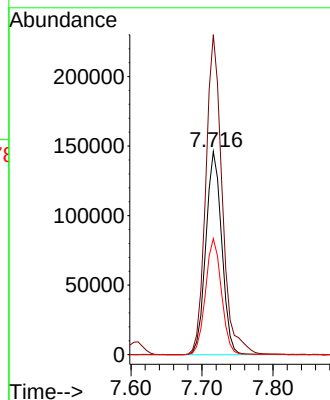
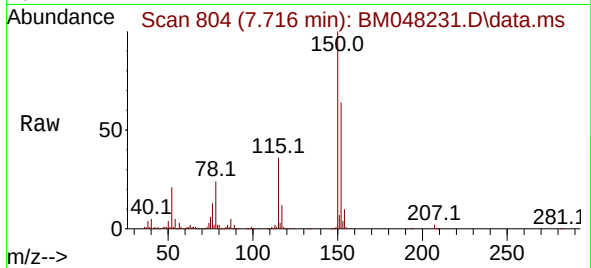




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

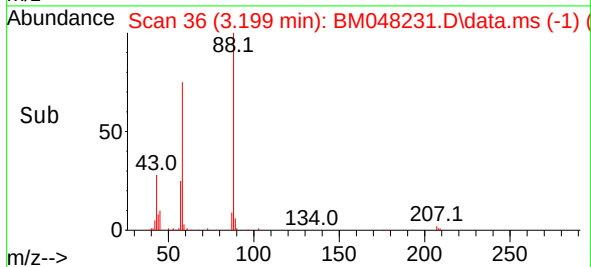
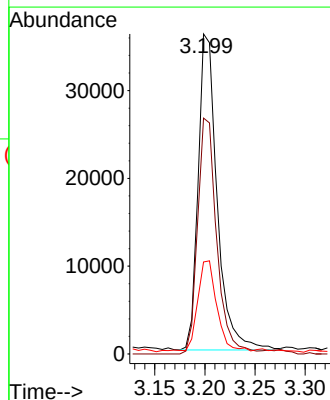
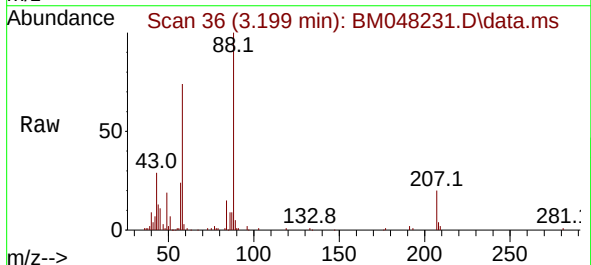
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

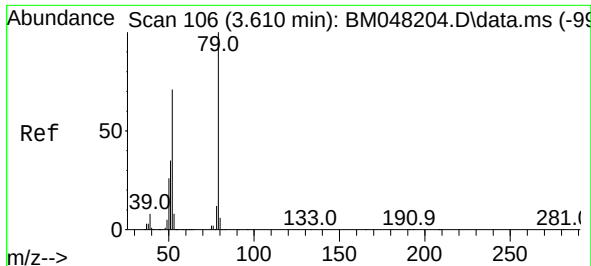
Tgt Ion:152 Resp: 227983
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 57.1 45.8 68.6



#2
1,4-Dioxane
Concen: 8.586 ng
RT: 3.199 min Scan# 36
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion: 88 Resp: 47665
Ion Ratio Lower Upper
88 100
58 74.9 59.7 89.5
43 29.6 22.6 33.8





#3

Pyridine

Concen: 7.346 ng

RT: 3.610 min Scan# 106

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

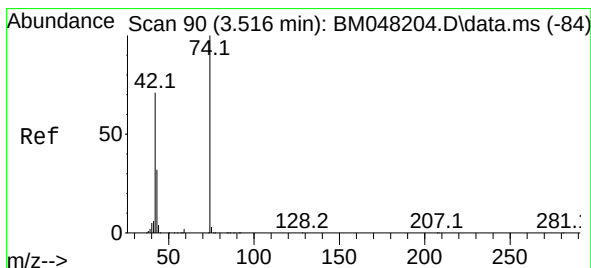
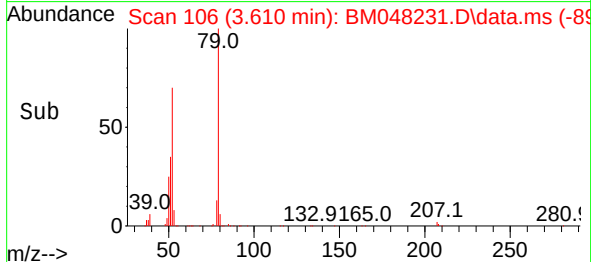
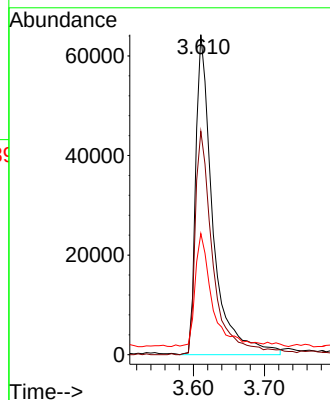
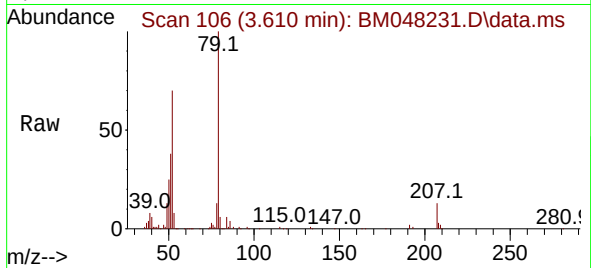
Tgt Ion: 79 Resp: 108340

Ion Ratio Lower Upper

79 100

52 69.8 56.5 84.7

51 37.9 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 8.245 ng

RT: 3.516 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

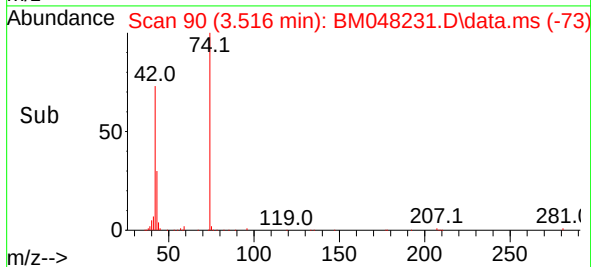
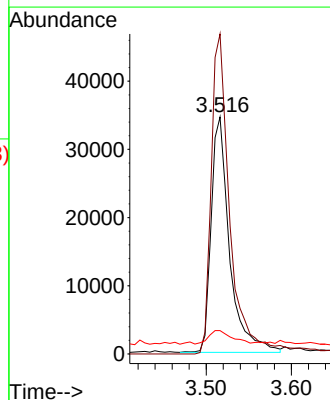
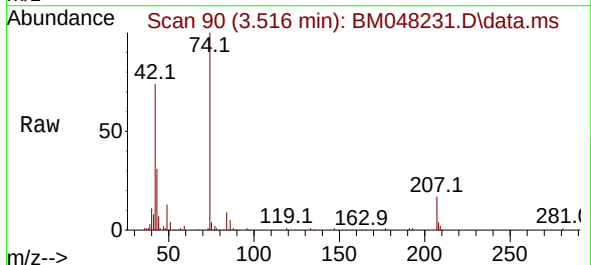
Tgt Ion: 42 Resp: 51631

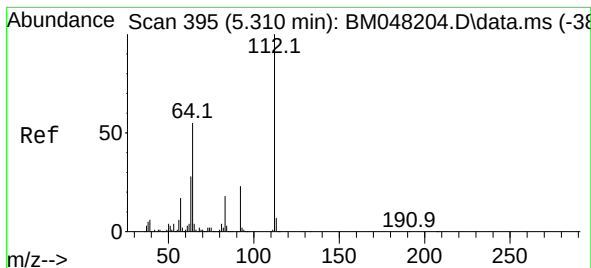
Ion Ratio Lower Upper

42 100

74 135.0 111.8 167.6

44 9.9 6.0 9.0#





#5

2-Fluorophenol

Concen: 125.298 ng

RT: 5.304 min Scan# 395

Delta R.T. -0.006 min

Lab File: BM048231.D

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Instrument :

BNA_M

ClientSampleId :

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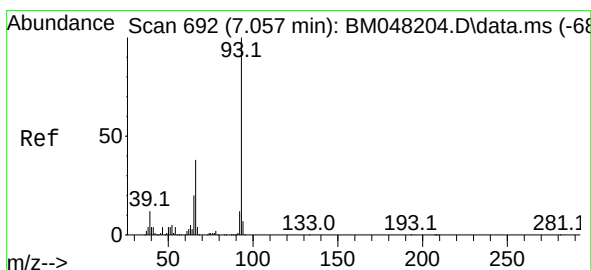
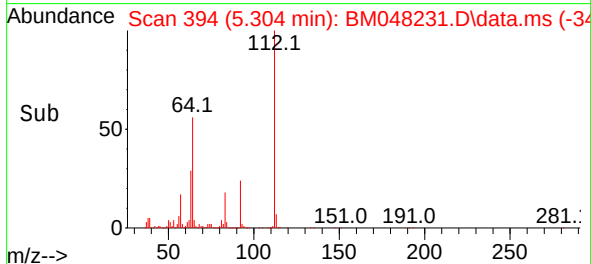
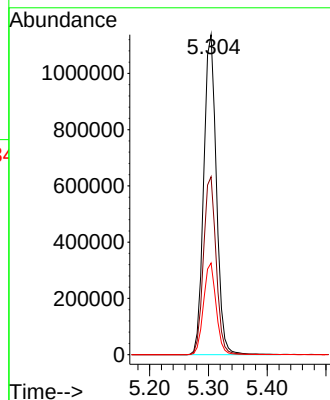
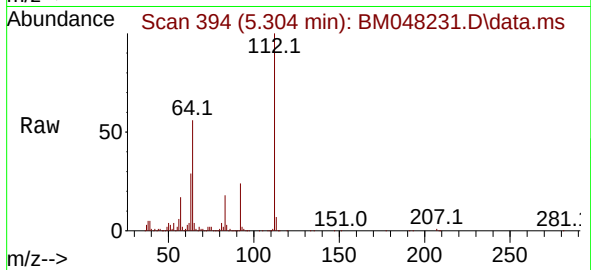
Tgt Ion:112 Resp: 1699390

Ion Ratio Lower Upper

112 100

64 55.6 44.2 66.2

63 28.7 22.7 34.1



#6

Aniline

Concen: 10.384 ng

RT: 7.051 min Scan# 691

Delta R.T. -0.006 min

Lab File: BM048231.D

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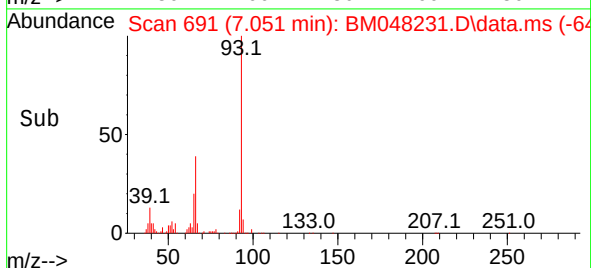
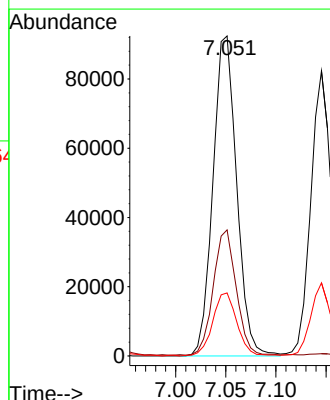
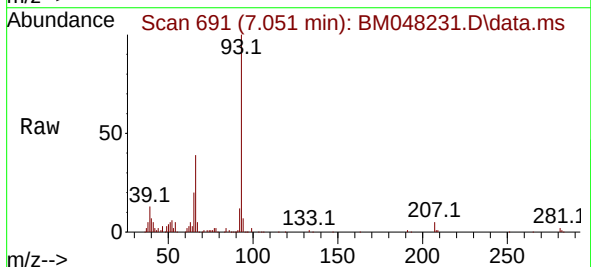
Tgt Ion: 93 Resp: 152246

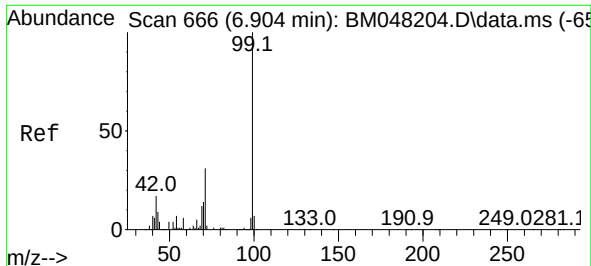
Ion Ratio Lower Upper

93 100

66 39.4 30.2 45.2

65 19.7 16.2 24.2

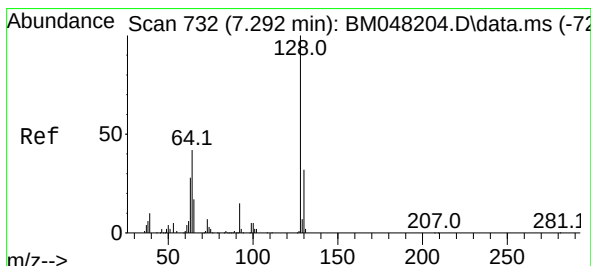
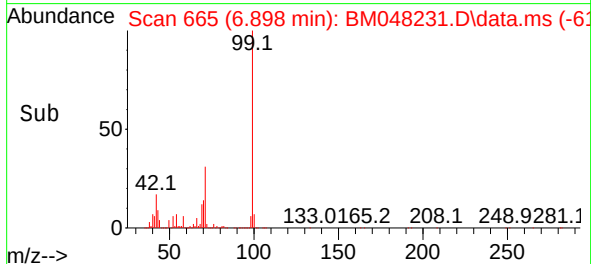
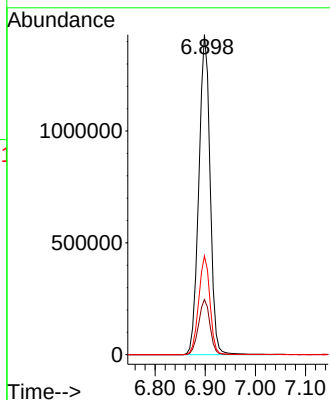
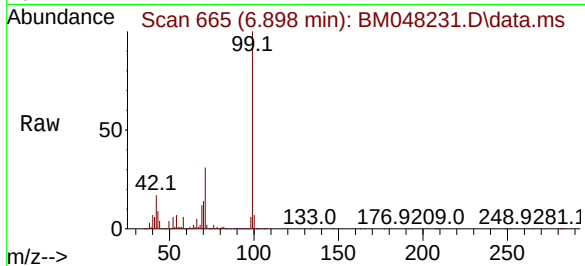




#7
Phenol-d6
Concen: 126.403 ng
RT: 6.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM048231.D
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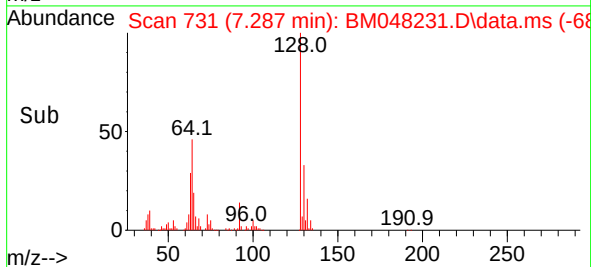
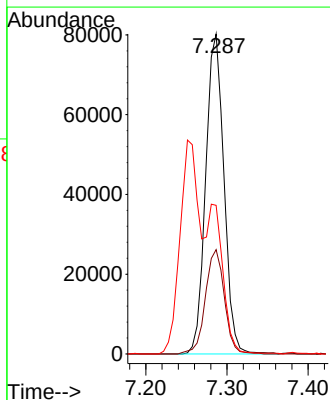
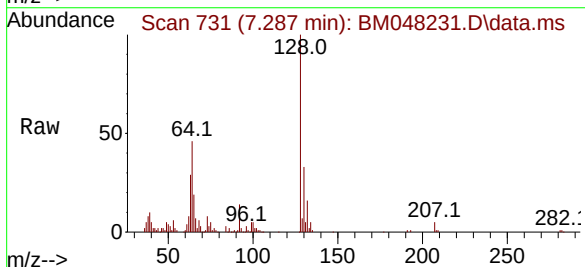
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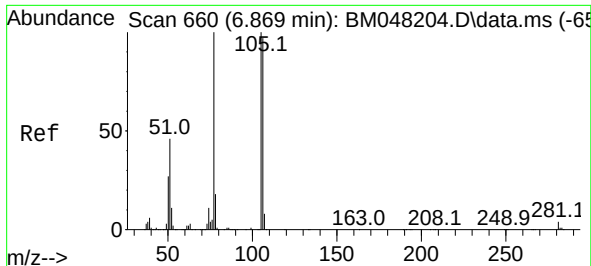
Tgt Ion: 99 Resp: 2232678
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 30.8 24.9 37.3



#8
2-Chlorophenol
Concen: 8.493 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion: 128 Resp: 125139
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 46.4 23.8 63.8

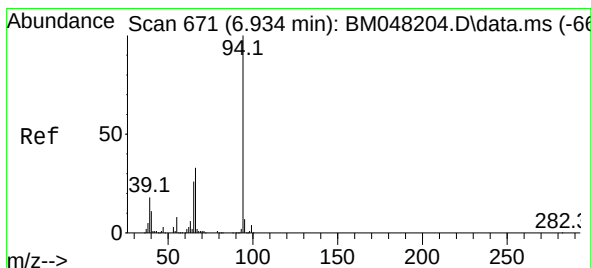
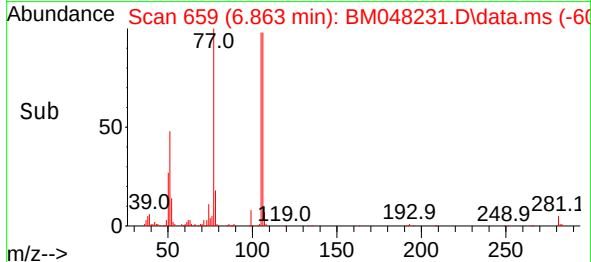
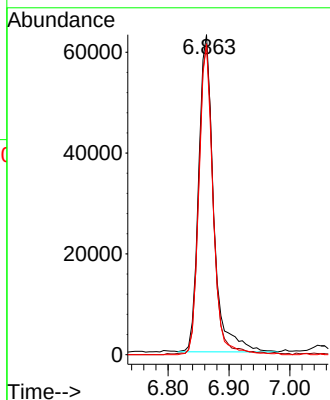
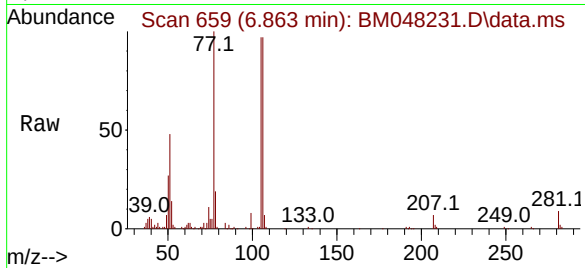




#9
Benzaldehyde
Concen: 12.412 ng
RT: 6.863 min Scan# 660
Delta R.T. -0.006 min
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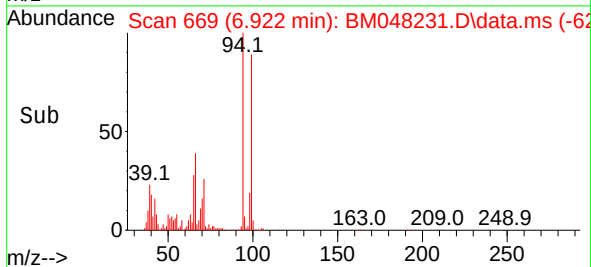
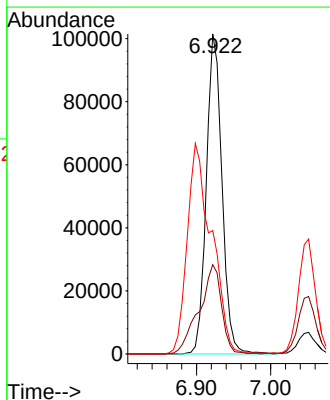
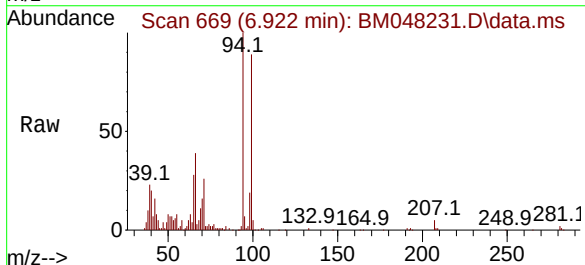
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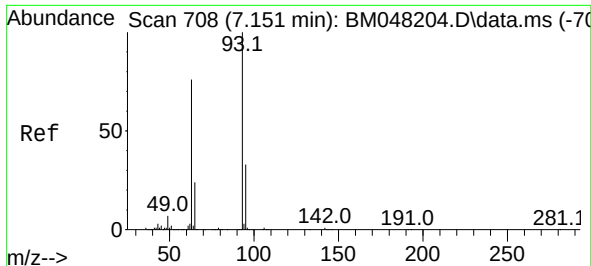
Tgt Ion: 77 Resp: 107716
Ion Ratio Lower Upper
77 100
105 97.2 79.6 119.6
106 97.1 77.0 117.0



#10
Phenol
Concen: 8.380 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion: 94 Resp: 148924
Ion Ratio Lower Upper
94 100
65 27.9 6.5 46.5
66 38.5 13.6 53.6

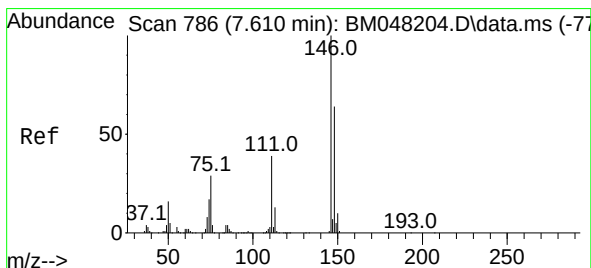
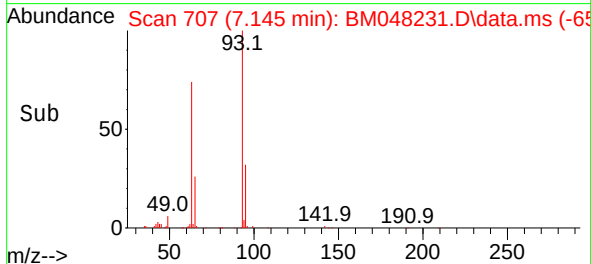
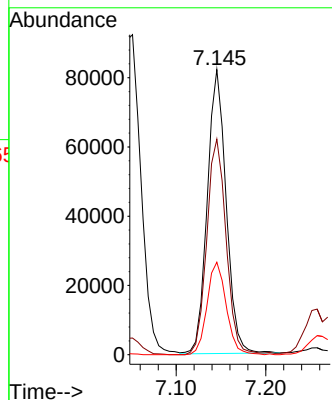
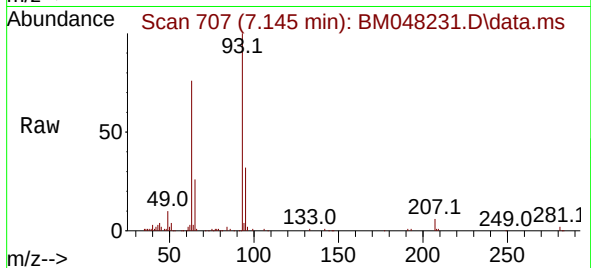




#11
bis(2-Chloroethyl)ether
Concen: 8.456 ng
RT: 7.145 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

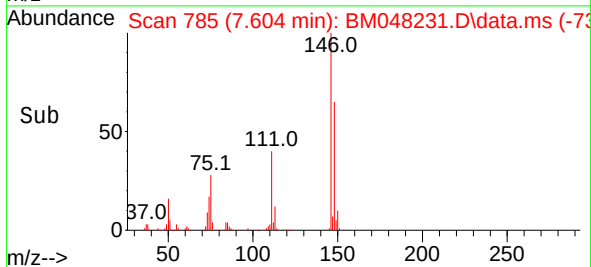
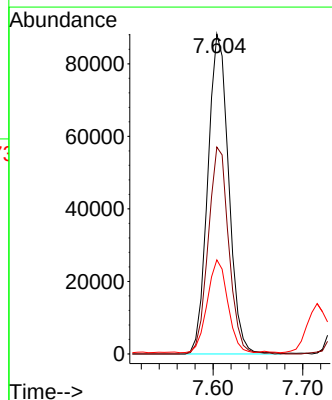
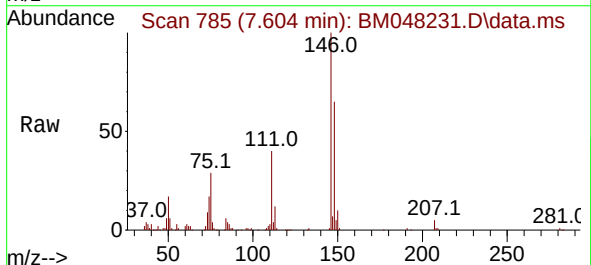
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2024

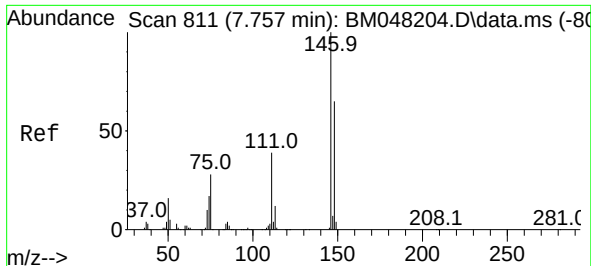
Tgt Ion: 93 Resp: 119694
Ion Ratio Lower Upper
93 100
63 75.6 55.3 95.3
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.381 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:146 Resp: 142373
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 29.4 22.9 34.3

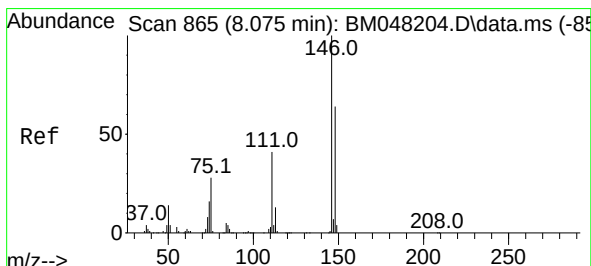
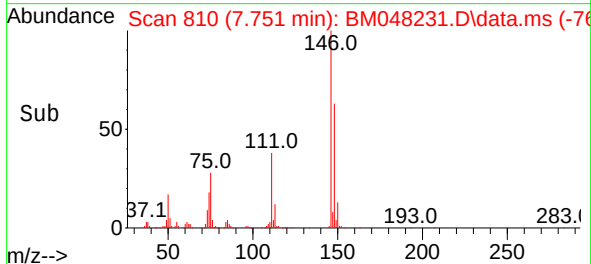
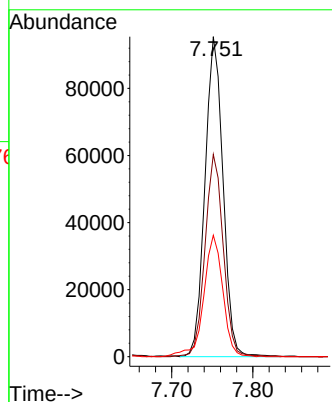
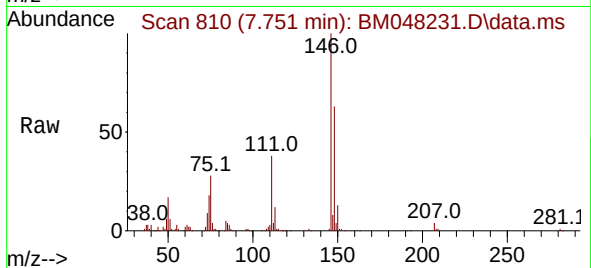




#13
1,4-Dichlorobenzene
Concen: 8.515 ng
RT: 7.751 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

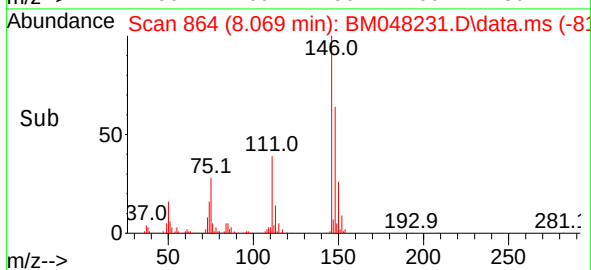
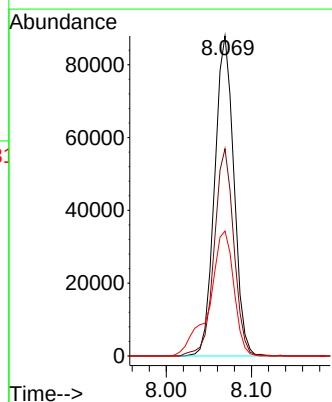
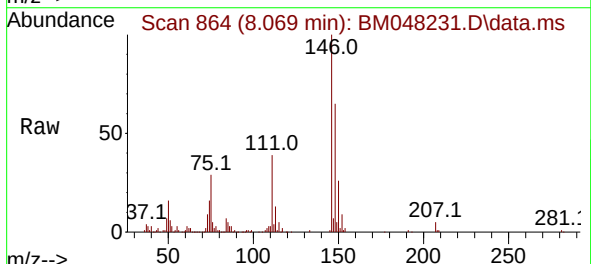
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

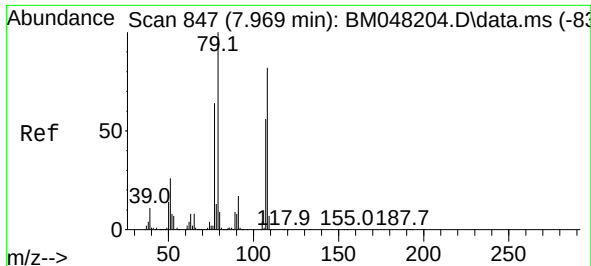
Tgt Ion:146 Resp: 146959
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 38.0 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 8.280 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:146 Resp: 138101
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 39.0 32.7 49.1

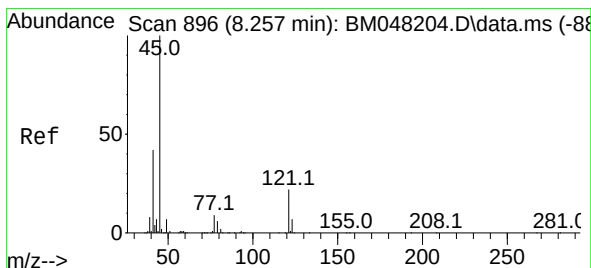
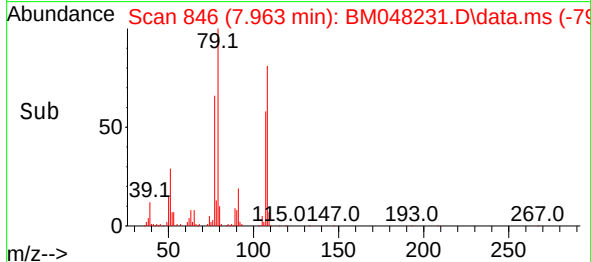
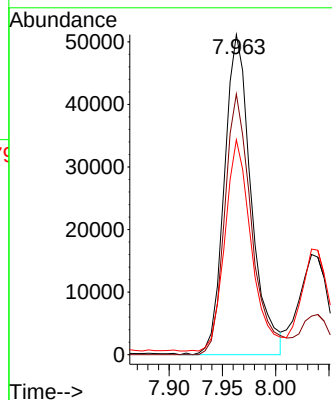
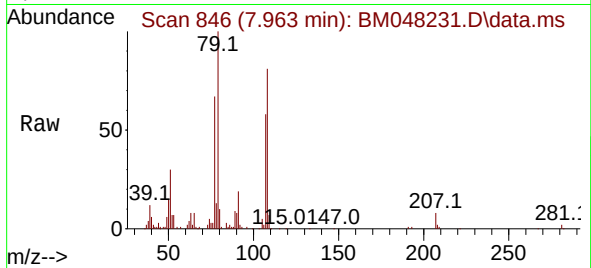




#15
Benzyl Alcohol
Concen: 7.955 ng
RT: 7.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

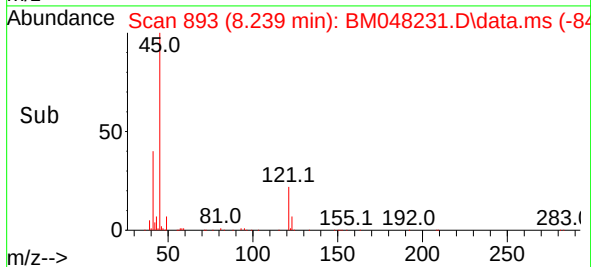
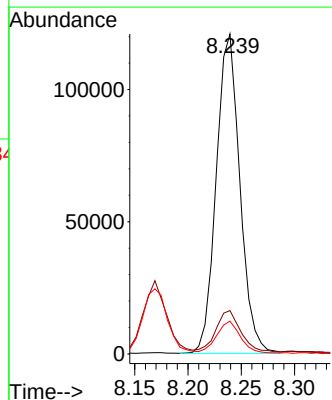
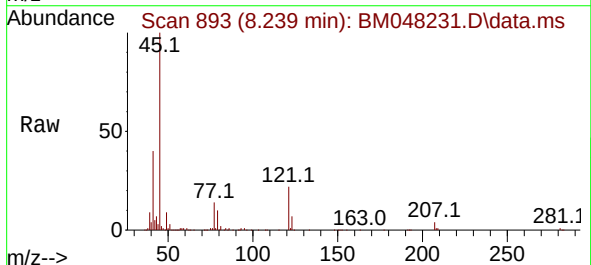
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

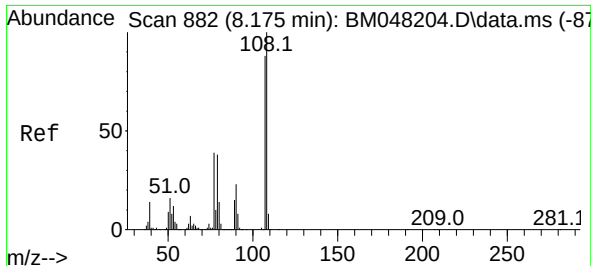
Tgt Ion: 79 Resp: 89639
Ion Ratio Lower Upper
79 100
108 81.5 65.2 97.8
77 67.2 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.001 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion: 45 Resp: 186345
Ion Ratio Lower Upper
45 100
77 13.5 0.0 34.2
79 10.2 0.0 30.7

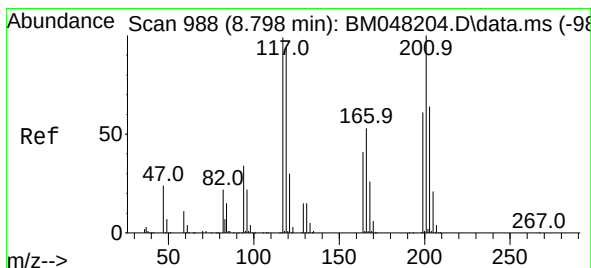
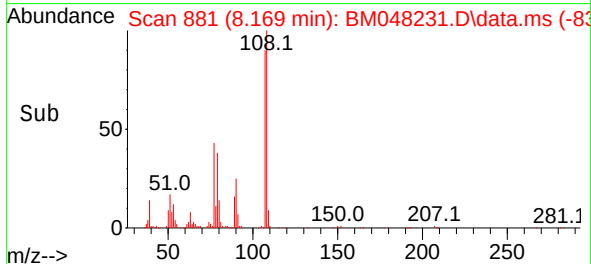
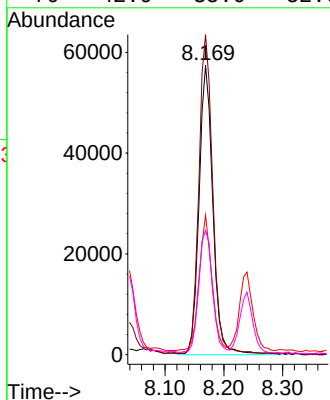
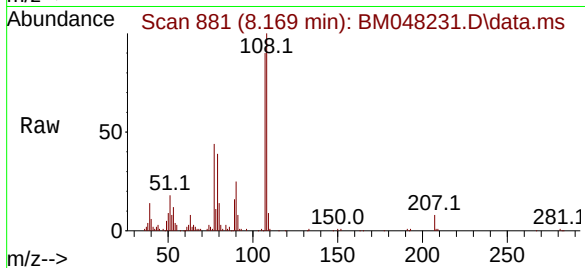




#17
2-Methylphenol
Concen: 7.970 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

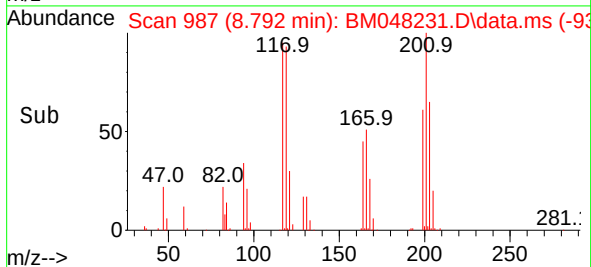
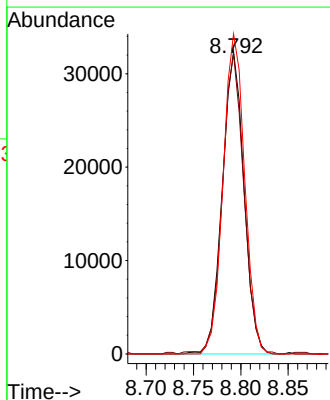
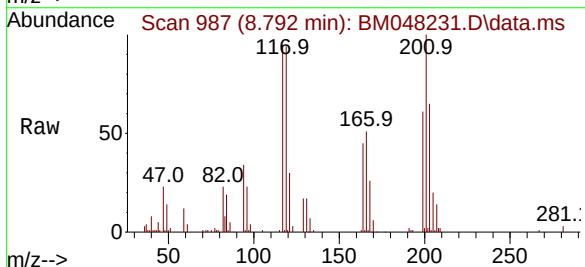
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

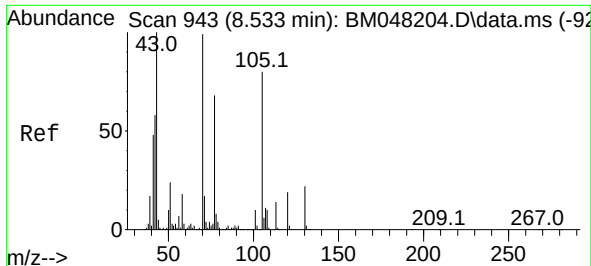
Tgt Ion:	107	Resp:	94109
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.3	136.9
77	48.2	36.2	54.2
79	42.9	35.0	52.6



#18
Hexachloroethane
Concen: 8.139 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:	117	Resp:	51481
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.5	114.7
201	105.8	80.9	121.3

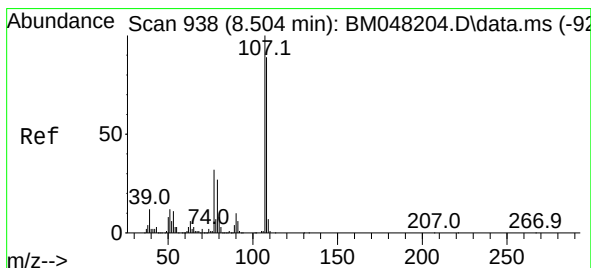
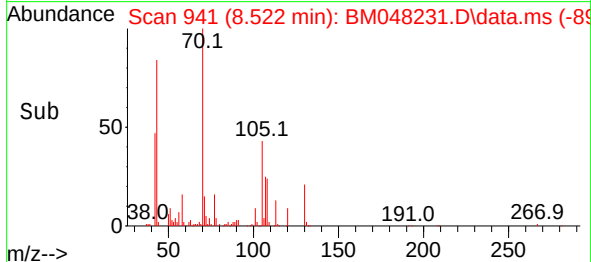
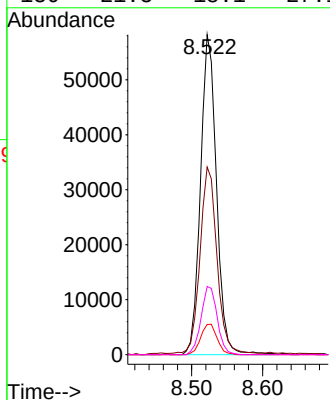
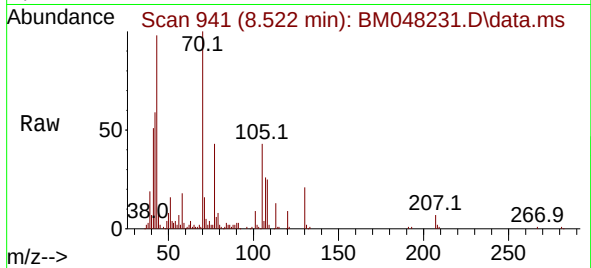




#19
n-Nitroso-di-n-propylamine
Concen: 8.171 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

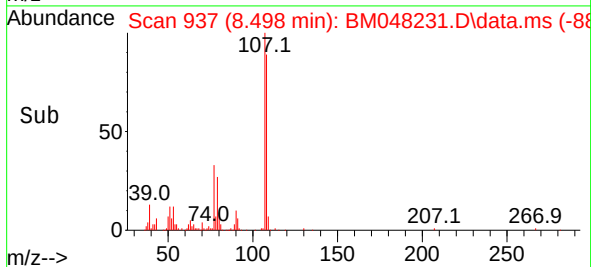
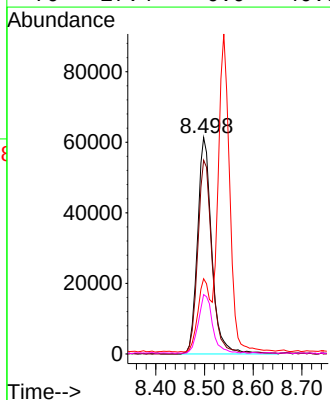
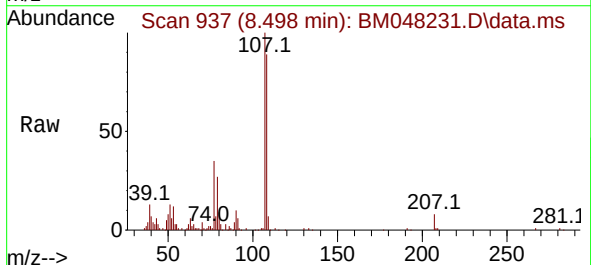
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

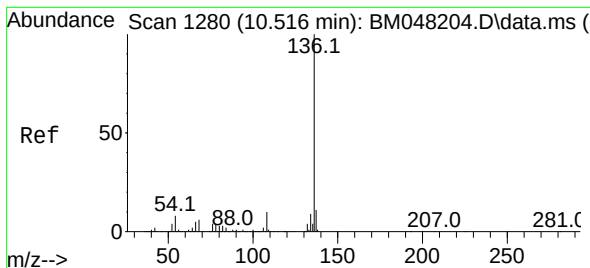
Tgt Ion: 70 Resp: 91312
Ion Ratio Lower Upper
70 100
42 58.6 47.0 70.6
101 9.5 7.8 11.6
130 21.3 18.1 27.1



#20
3+4-Methylphenols
Concen: 7.659 ng
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion: 107 Resp: 125286
Ion Ratio Lower Upper
107 100
108 89.5 69.0 109.0
77 34.7 12.3 52.3
79 27.4 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:136 Resp: 918288

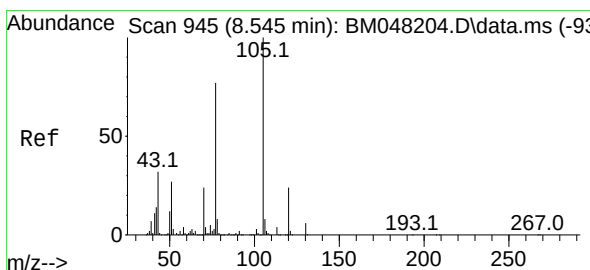
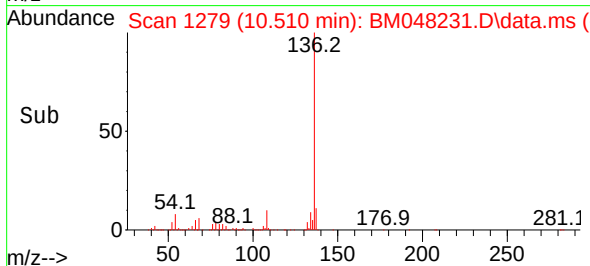
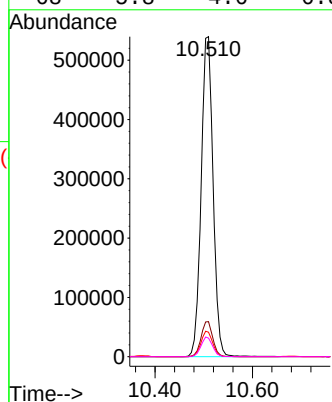
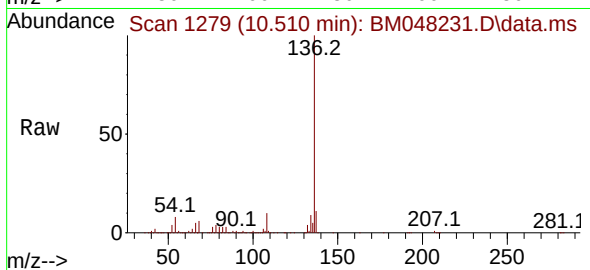
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.5 9.7

68 5.8 4.6 6.8



#22

Acetophenone

Concen: 8.545 ng

RT: 8.539 min Scan# 944

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Tgt Ion:105 Resp: 191514

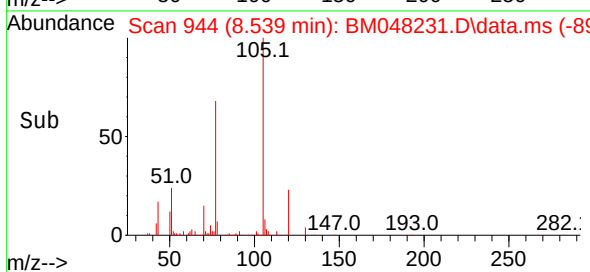
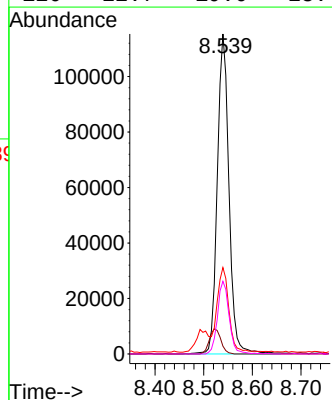
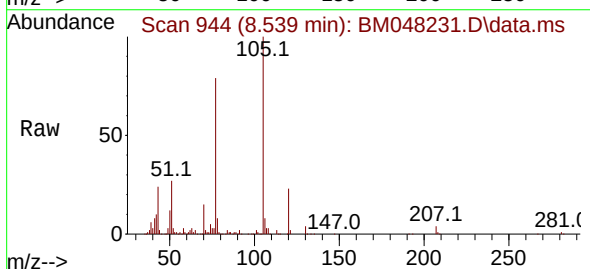
Ion Ratio Lower Upper

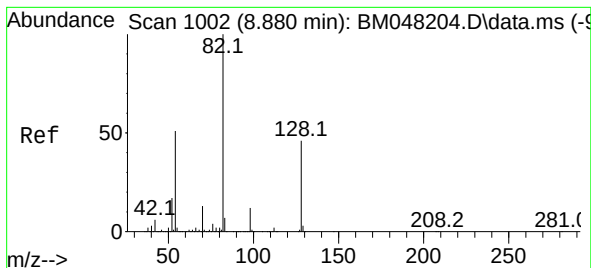
105 100

71 2.4 3.4 5.0#

51 27.0 21.7 32.5

120 22.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 91.487 ng

RT: 8.875 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

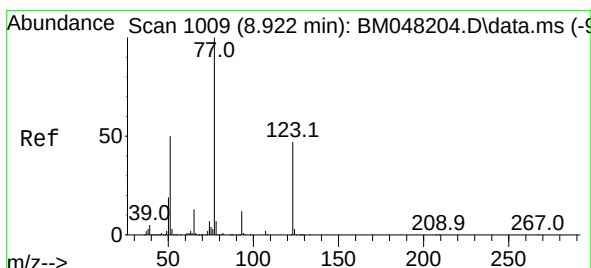
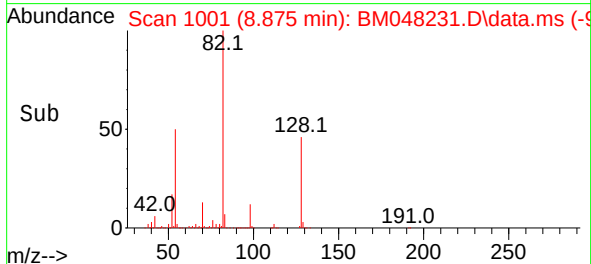
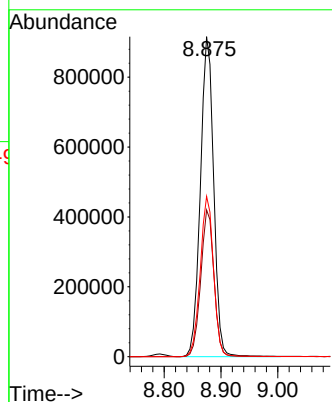
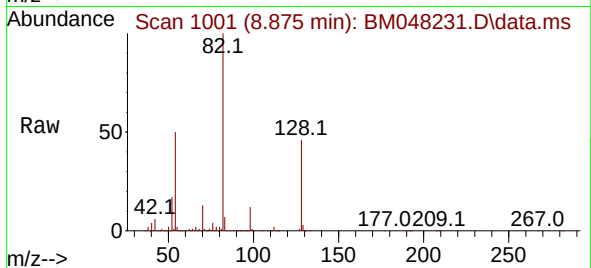
Tgt Ion: 82 Resp: 1487905

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

54 50.1 41.0 61.4



#24

Nitrobenzene

Concen: 8.382 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

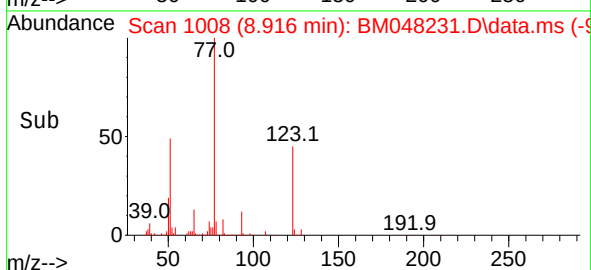
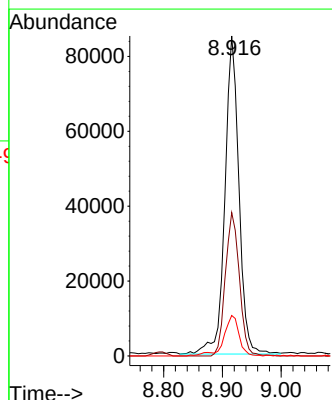
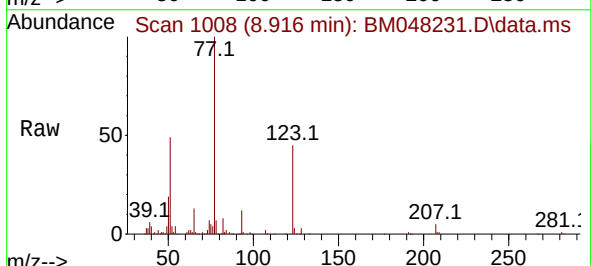
Tgt Ion: 77 Resp: 141242

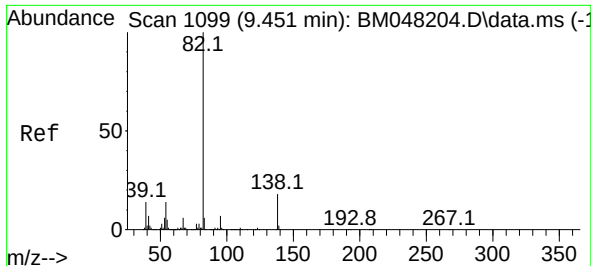
Ion Ratio Lower Upper

77 100

123 44.8 37.8 56.6

65 12.6 10.4 15.6





#25

Isophorone

Concen: 8.025 ng

RT: 9.445 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

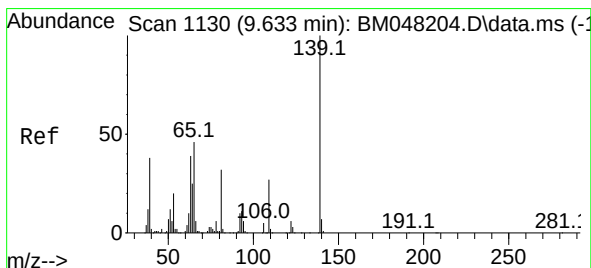
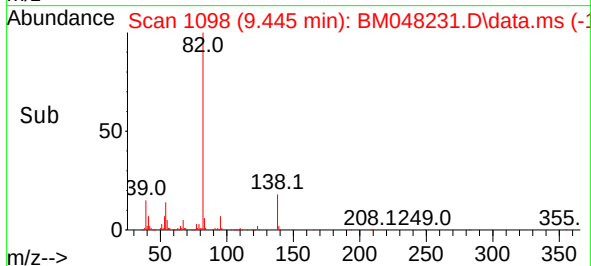
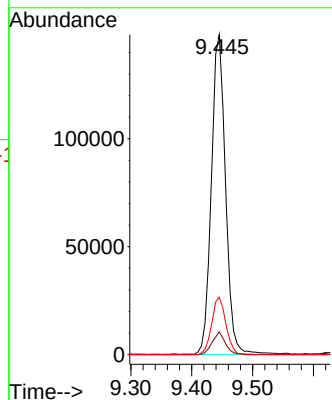
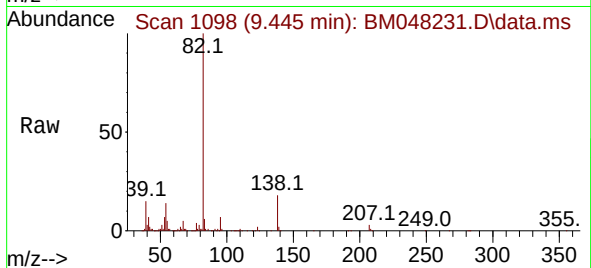
Tgt Ion: 82 Resp: 239227

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.0 14.3 21.5



#26

2-Nitrophenol

Concen: 7.338 ng

RT: 9.628 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

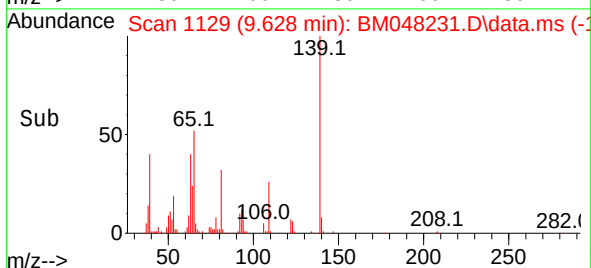
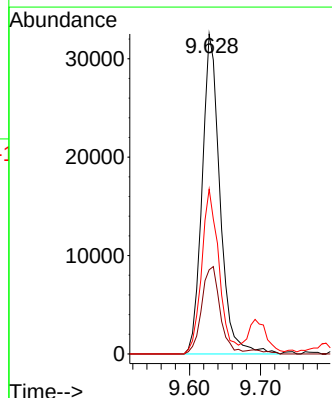
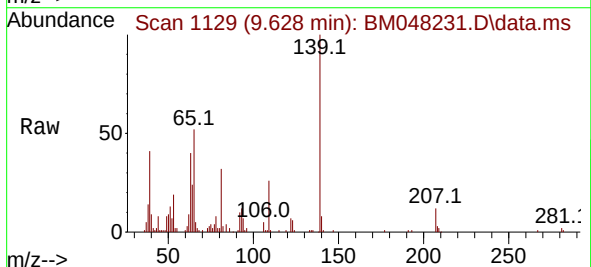
Tgt Ion:139 Resp: 57093

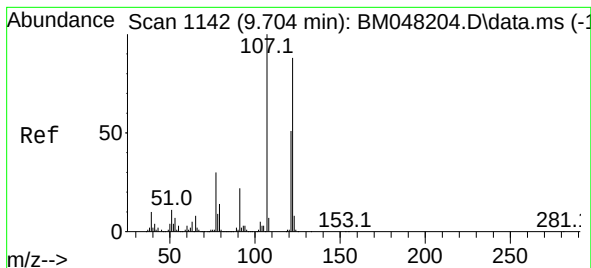
Ion Ratio Lower Upper

139 100

109 26.3 21.2 31.8

65 51.5 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 5.718 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

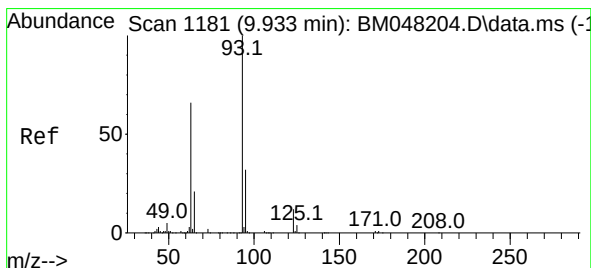
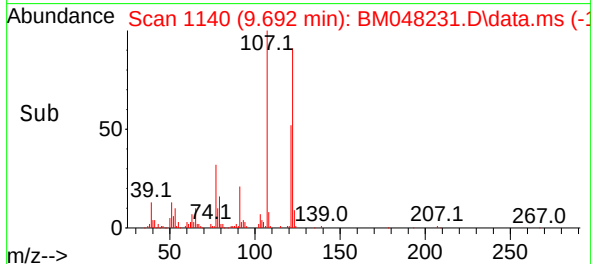
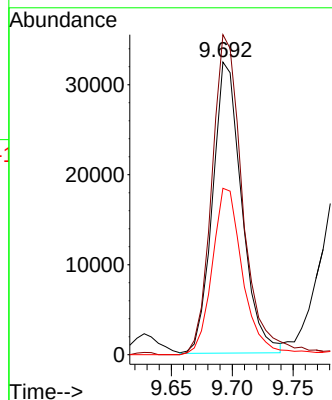
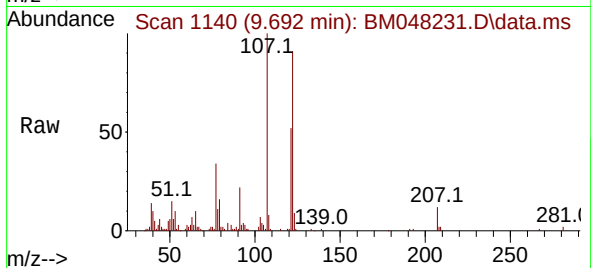
Tgt Ion:122 Resp: 53980

Ion Ratio Lower Upper

122 100

107 109.3 91.0 136.6

121 56.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.114 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

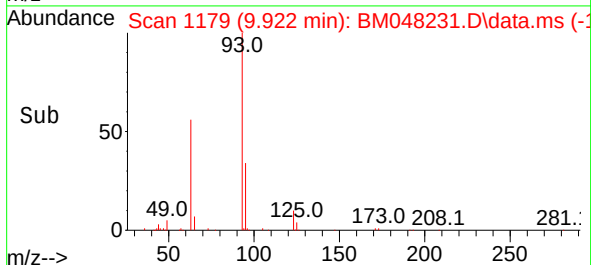
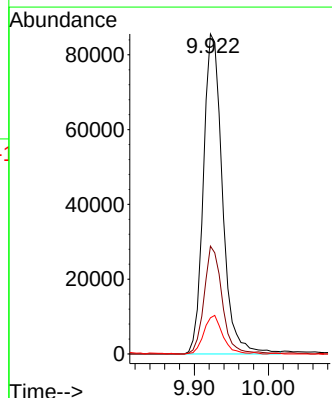
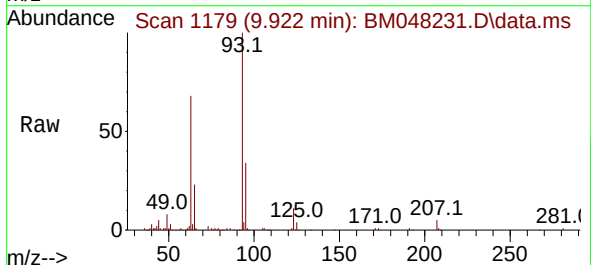
Tgt Ion: 93 Resp: 153058

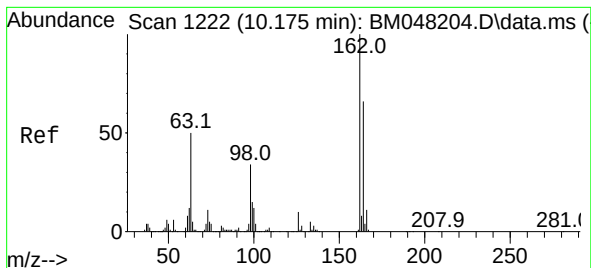
Ion Ratio Lower Upper

93 100

95 33.7 25.3 37.9

123 11.3 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 7.573 ng

RT: 10.169 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

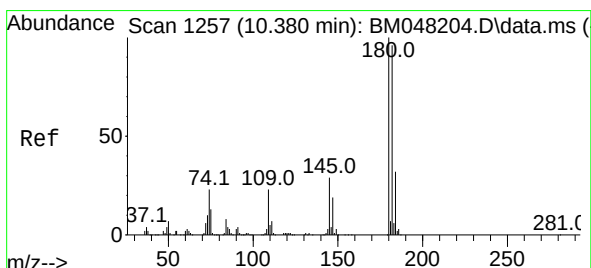
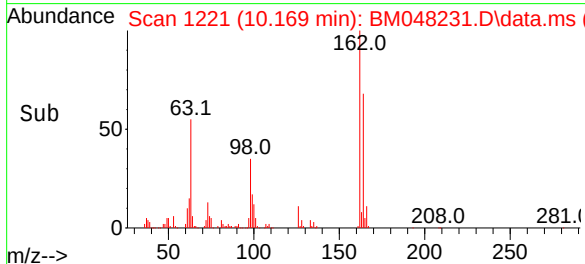
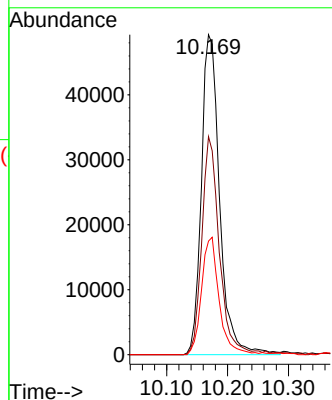
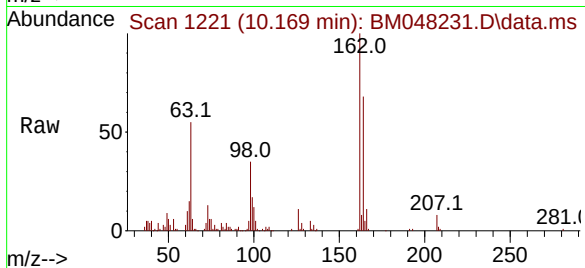
Tgt Ion:162 Resp: 102842

Ion Ratio Lower Upper

162 100

164 68.1 46.0 86.0

98 35.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 8.006 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

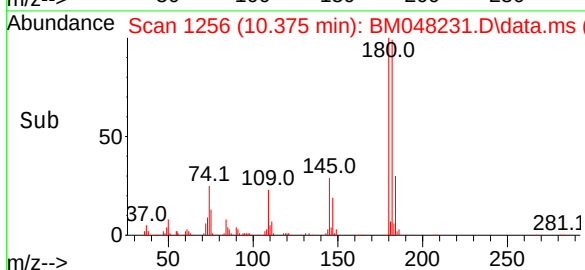
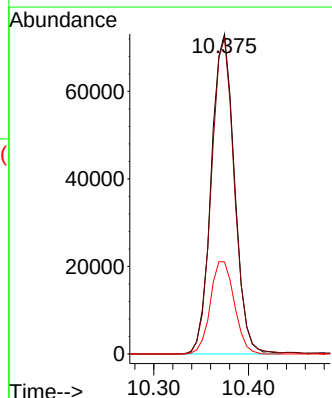
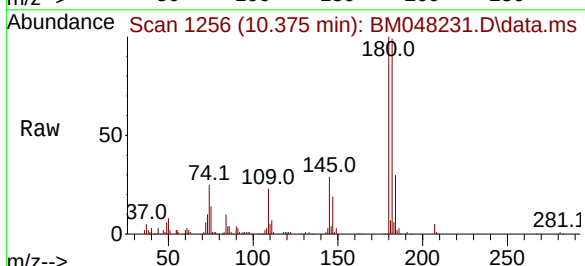
Tgt Ion:180 Resp: 124511

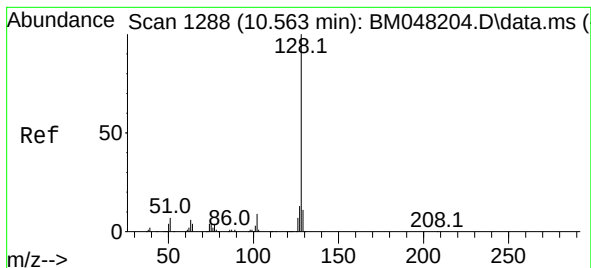
Ion Ratio Lower Upper

180 100

182 98.6 76.6 115.0

145 28.7 23.4 35.2





#31

Naphthalene

Concen: 8.136 ng

RT: 10.557 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

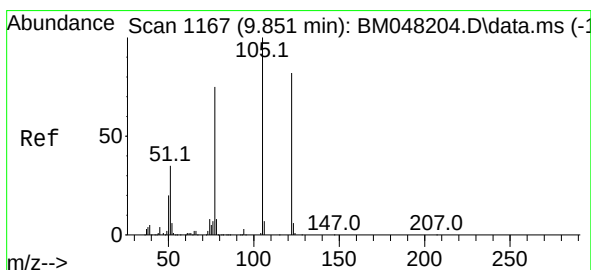
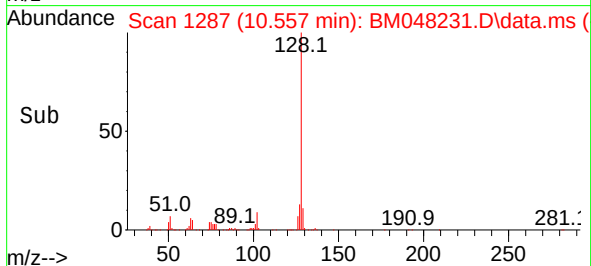
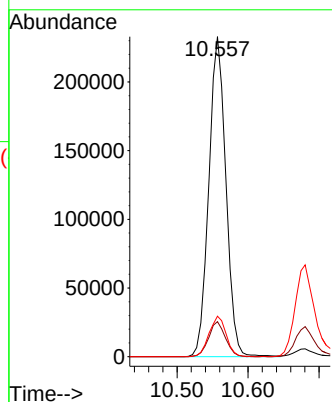
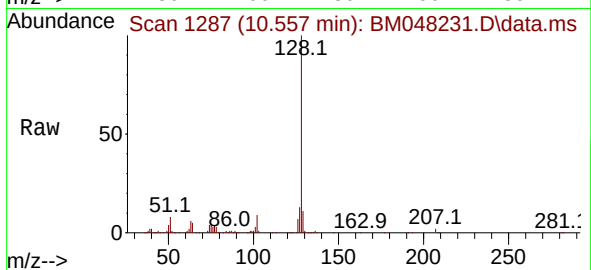
Tgt Ion:128 Resp: 389655

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.6 10.2 15.2



#32

Benzoic acid

Concen: 4.721 ng

RT: 9.792 min Scan# 1157

Delta R.T. -0.059 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

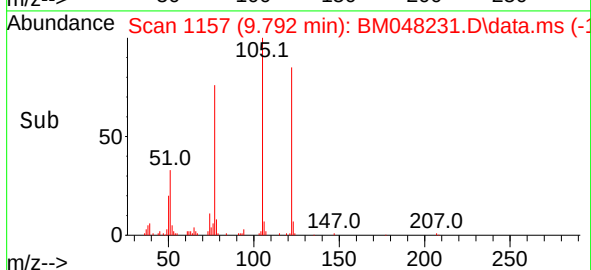
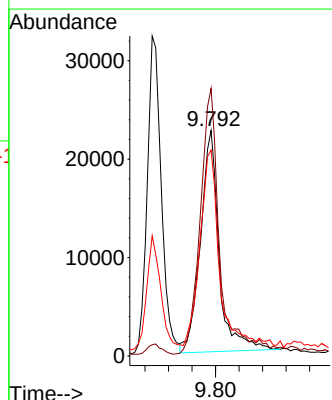
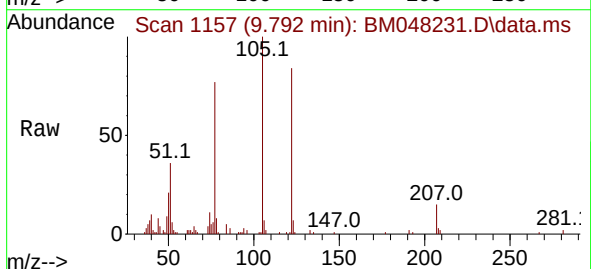
Tgt Ion:122 Resp: 49605

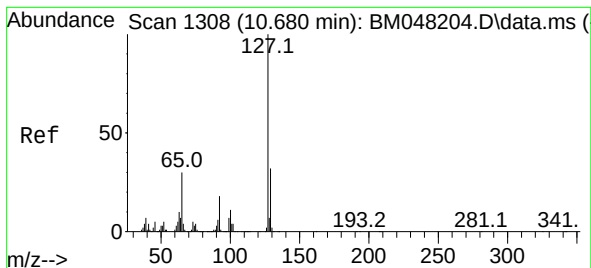
Ion Ratio Lower Upper

122 100

105 118.7 99.3 139.3

77 91.3 70.4 110.4





#33

4-Chloroaniline

Concen: 8.777 ng

RT: 10.680 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:127 Resp: 136338

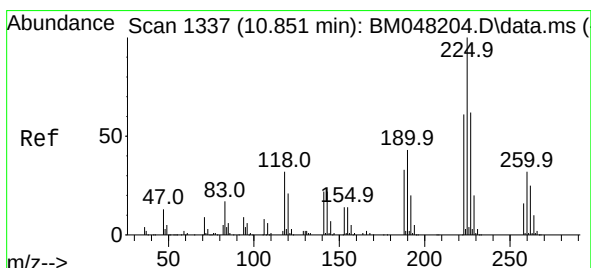
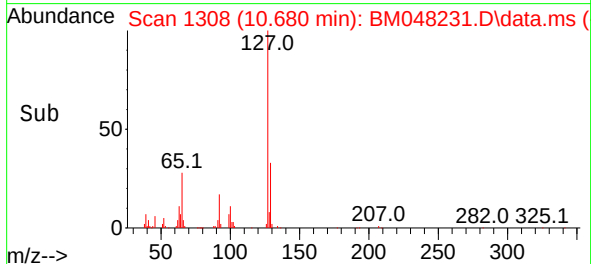
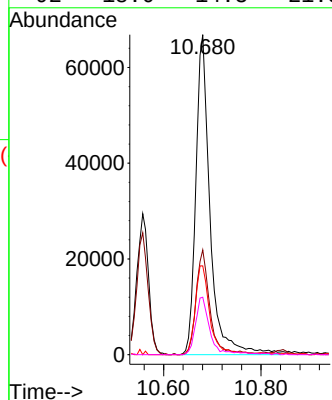
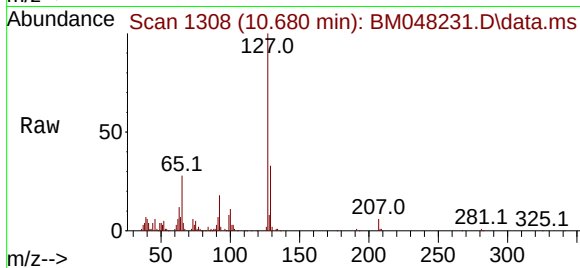
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.6

65 27.7 23.7 35.5

92 18.0 14.3 21.5



#34

Hexachlorobutadiene

Concen: 7.891 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

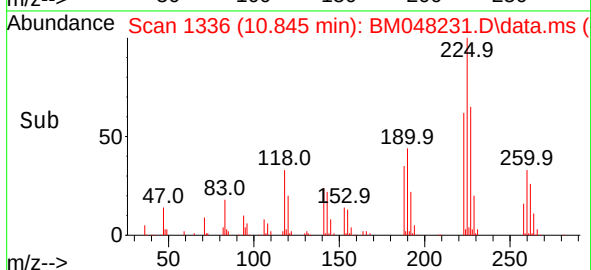
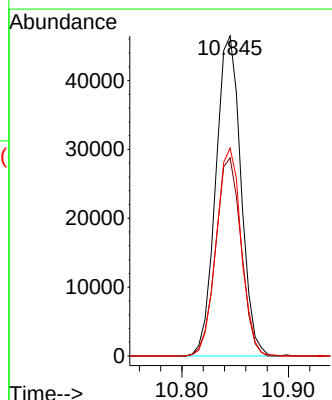
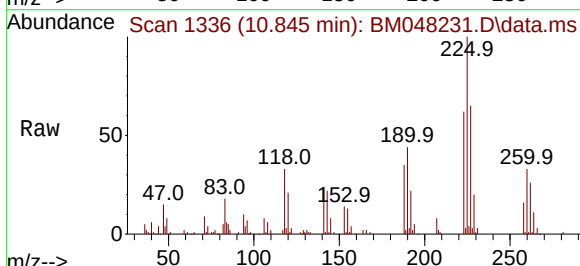
Tgt Ion:225 Resp: 76060

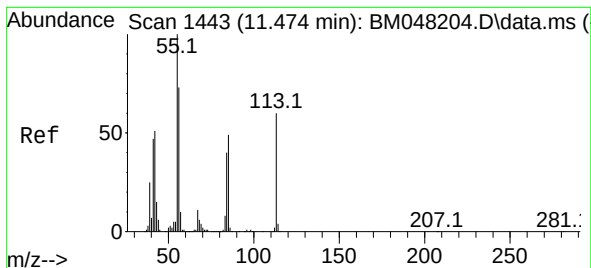
Ion Ratio Lower Upper

225 100

223 61.9 48.6 73.0

227 65.0 49.6 74.4





#35

Caprolactam

Concen: 6.551 ng

RT: 11.451 min Scan# 1443

Delta R.T. -0.023 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

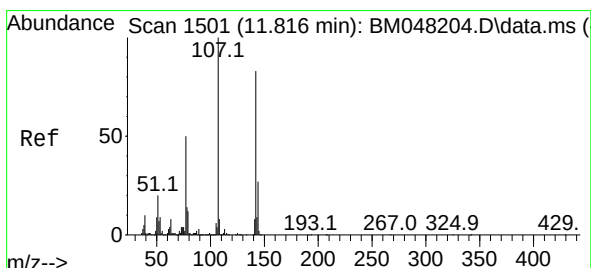
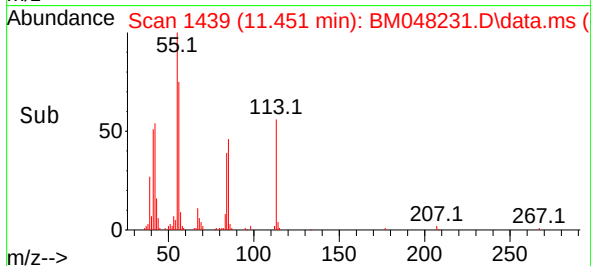
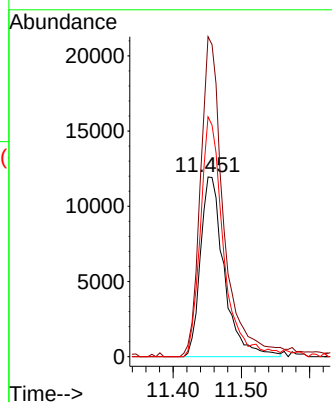
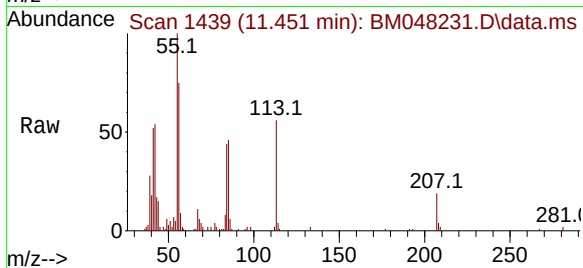
Tgt Ion:113 Resp: 28895

Ion Ratio Lower Upper

113 100

55 178.1 146.1 186.1

56 133.5 101.9 141.9



#36

4-Chloro-3-methylphenol

Concen: 7.433 ng

RT: 11.810 min Scan# 1500

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

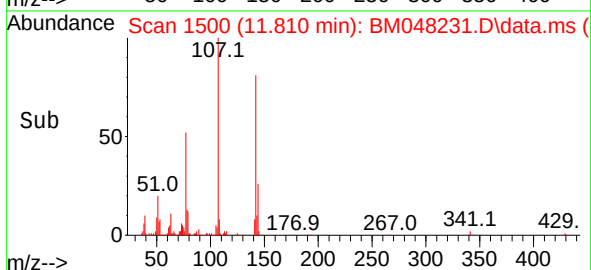
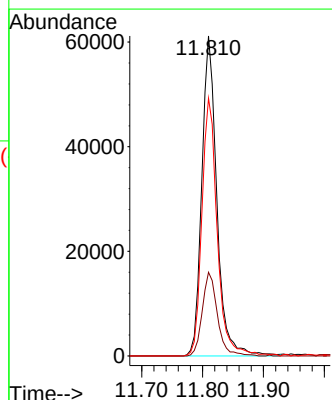
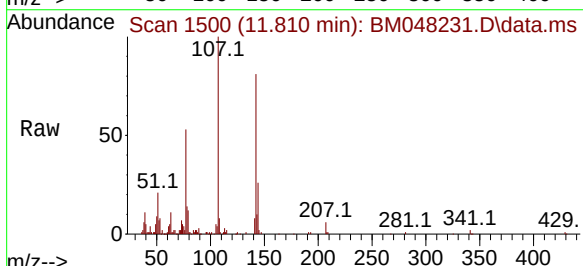
Tgt Ion:107 Resp: 105367

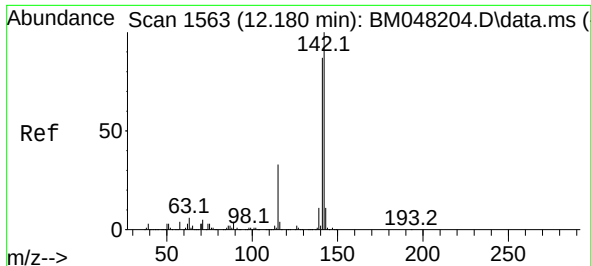
Ion Ratio Lower Upper

107 100

144 26.2 21.5 32.3

142 80.6 66.8 100.2





#37

2-Methylnaphthalene

Concen: 8.003 ng

RT: 12.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

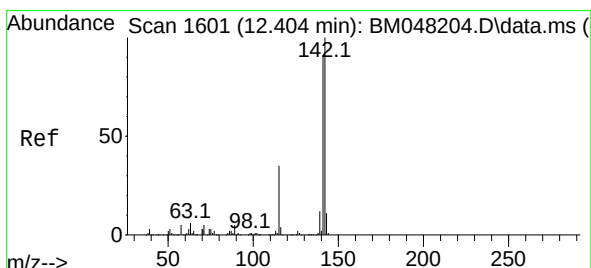
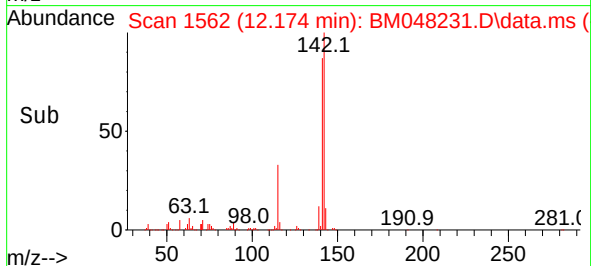
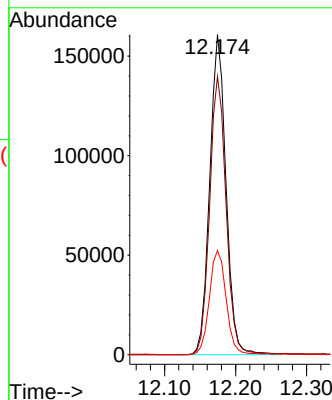
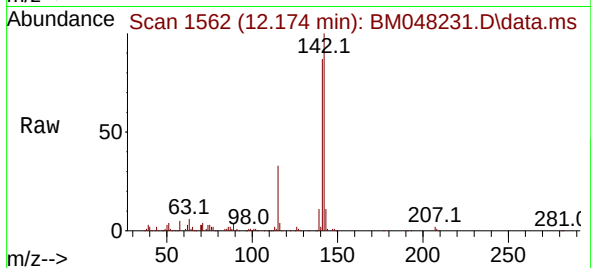
Tgt Ion:142 Resp: 256097

Ion Ratio Lower Upper

142 100

141 86.9 69.8 104.6

115 32.6 26.3 39.5



#38

1-Methylnaphthalene

Concen: 7.607 ng

RT: 12.398 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

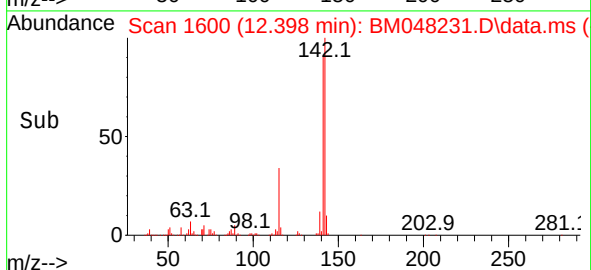
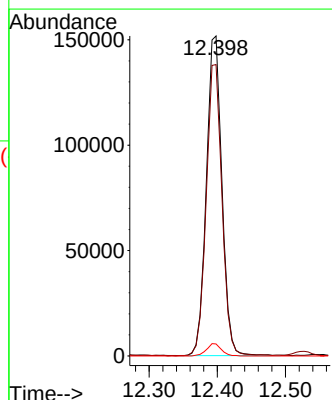
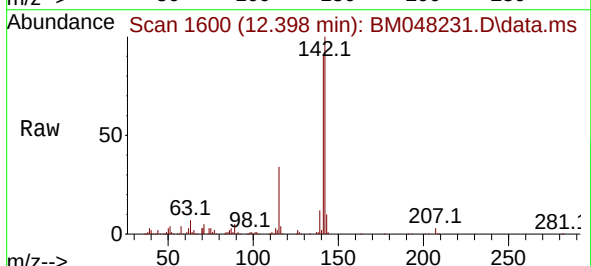
Tgt Ion:142 Resp: 241383

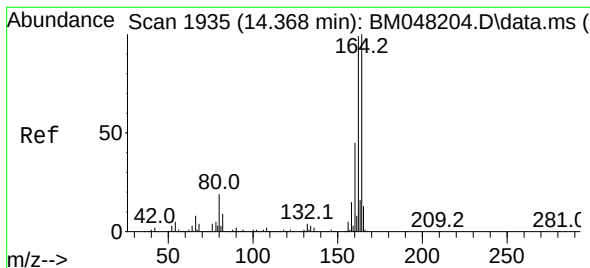
Ion Ratio Lower Upper

142 100

141 91.1 72.7 109.1

116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048231.D

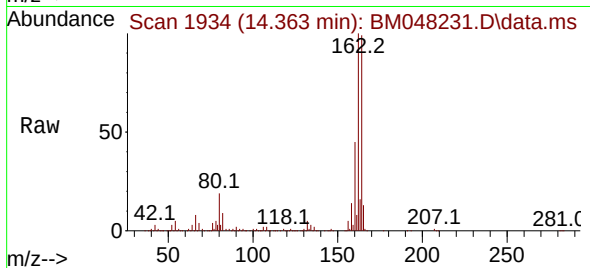
Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



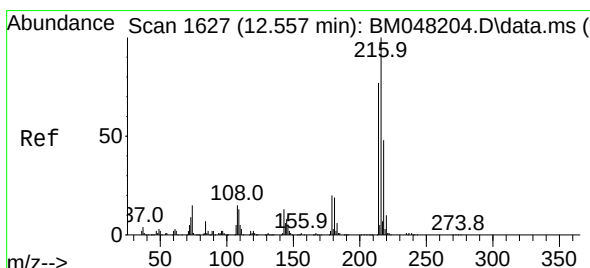
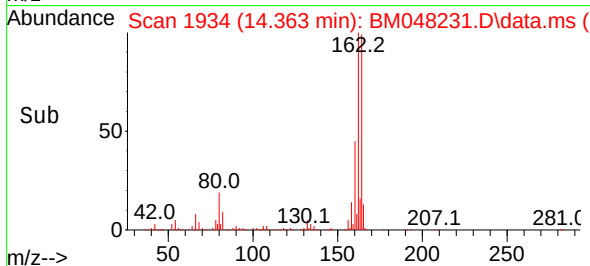
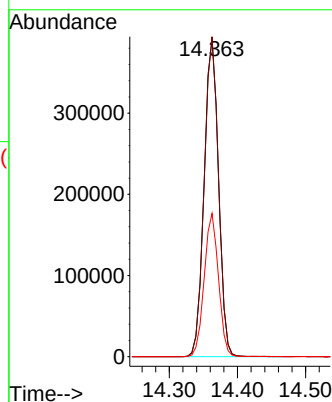
Tgt Ion:164 Resp: 575648

Ion Ratio Lower Upper

164 100

162 100.9 79.1 118.7

160 45.2 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.395 ng

RT: 12.551 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Tgt Ion:216 Resp: 138128

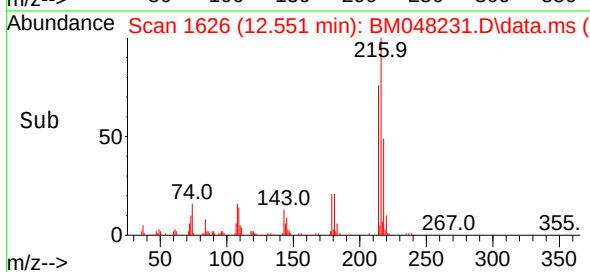
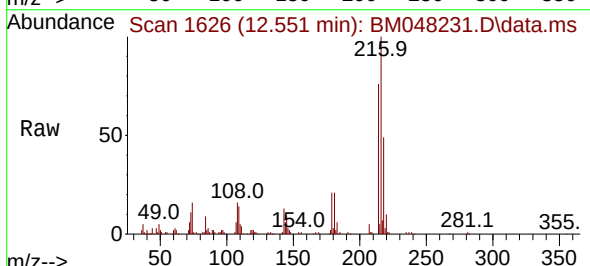
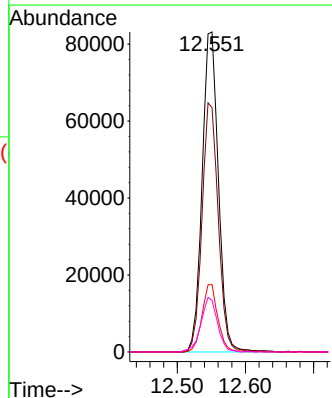
Ion Ratio Lower Upper

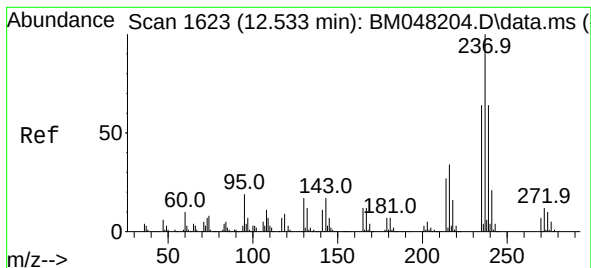
216 100

214 77.6 62.2 93.2

179 20.5 16.0 24.0

108 17.3 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 5.292 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

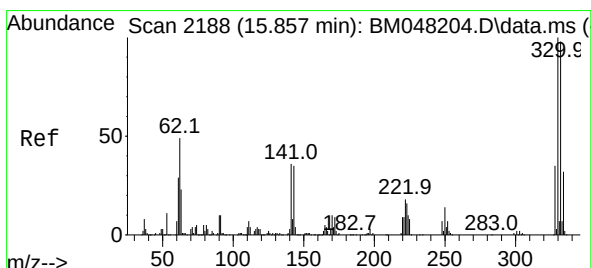
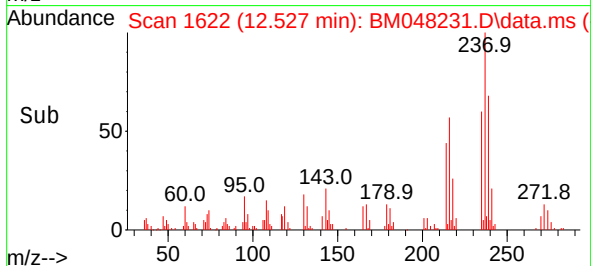
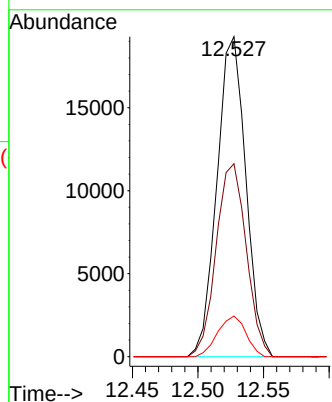
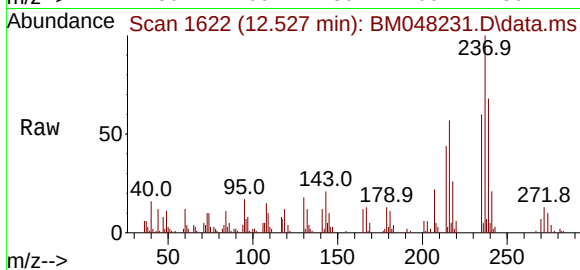
Tgt Ion:237 Resp: 29464

Ion Ratio Lower Upper

237 100

235 60.3 44.2 84.2

272 12.7 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 125.923 ng

RT: 15.851 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

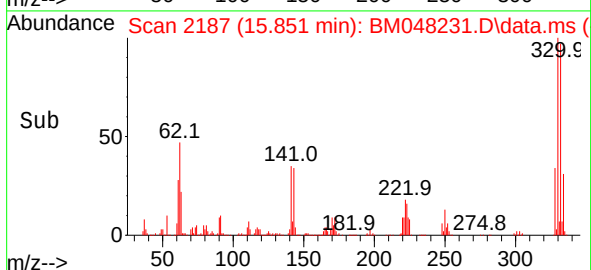
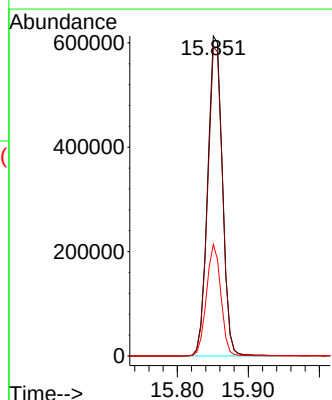
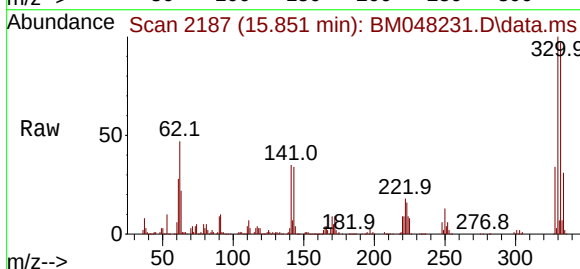
Tgt Ion:330 Resp: 887254

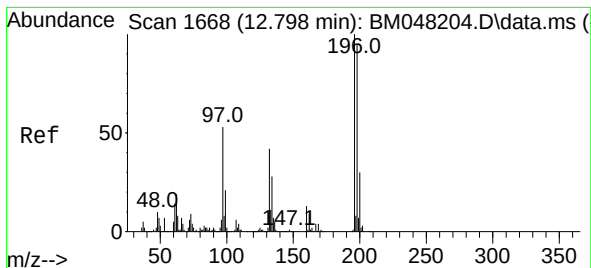
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 34.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 7.402 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

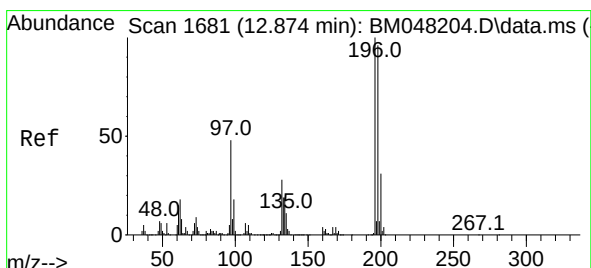
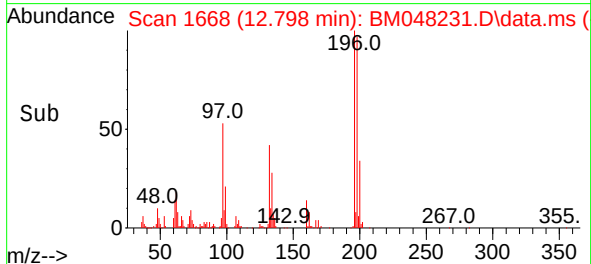
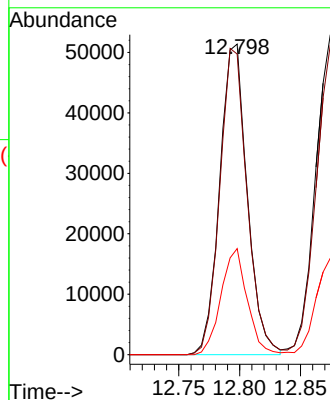
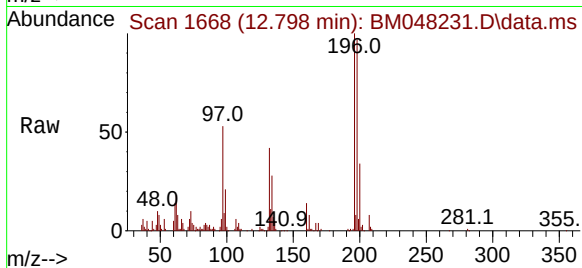
Tgt Ion:196 Resp: 80820

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.2

200 34.2 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 7.430 ng

RT: 12.874 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Tgt Ion:196 Resp: 90473

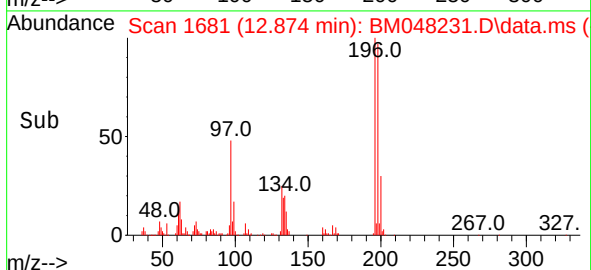
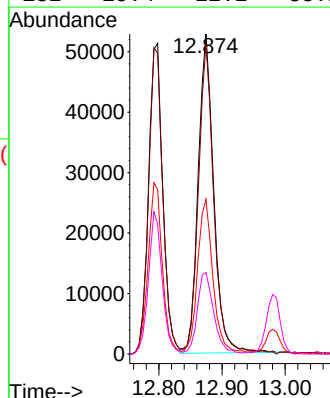
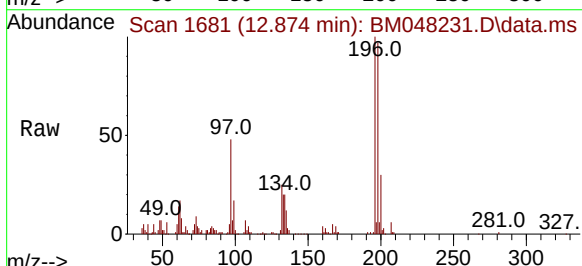
Ion Ratio Lower Upper

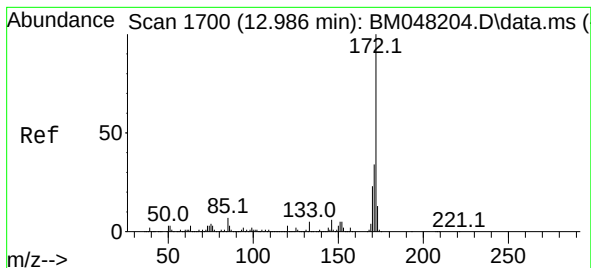
196 100

198 96.8 76.7 115.1

97 48.3 38.5 57.7

132 25.4 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 88.579 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

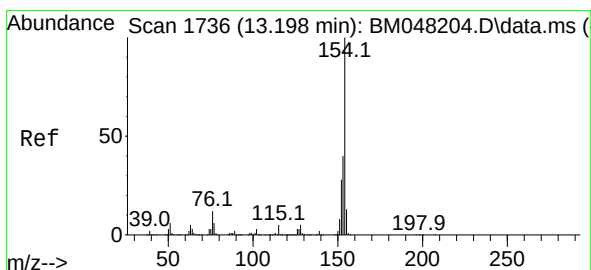
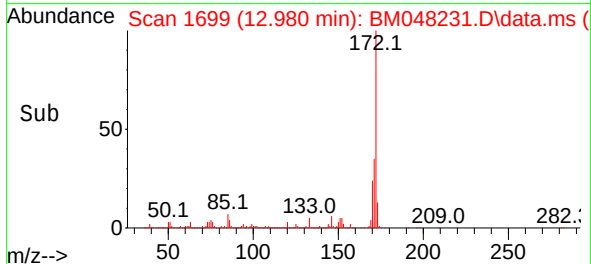
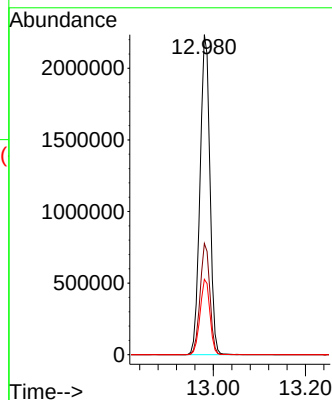
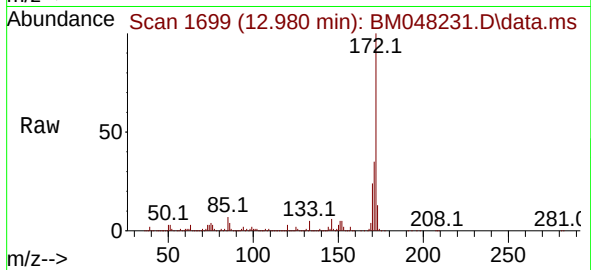
Tgt Ion:172 Resp: 3322939

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.5 18.5 27.7



#46

1,1'-Biphenyl

Concen: 8.636 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

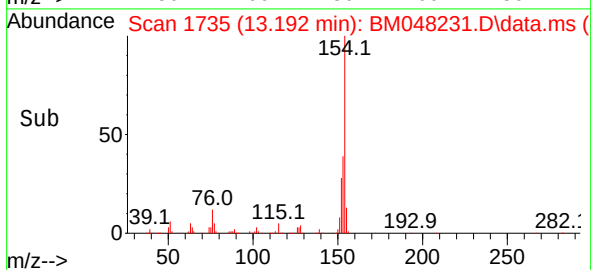
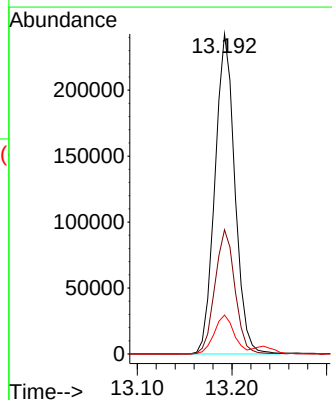
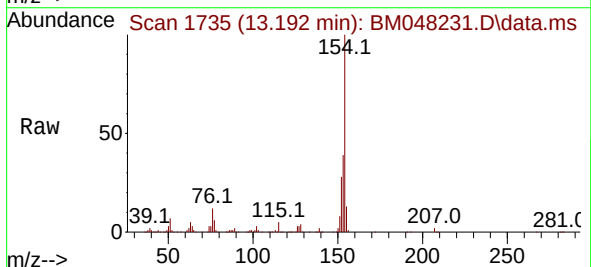
Tgt Ion:154 Resp: 354918

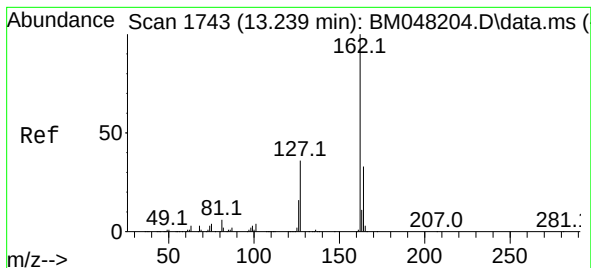
Ion Ratio Lower Upper

154 100

153 38.8 19.9 59.9

76 12.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 8.077 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

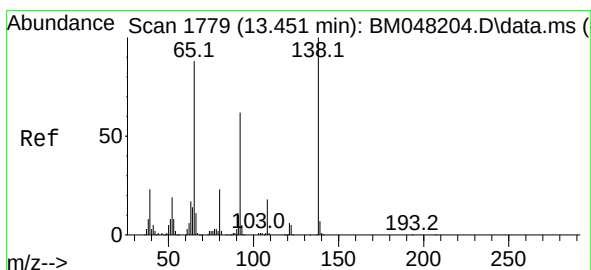
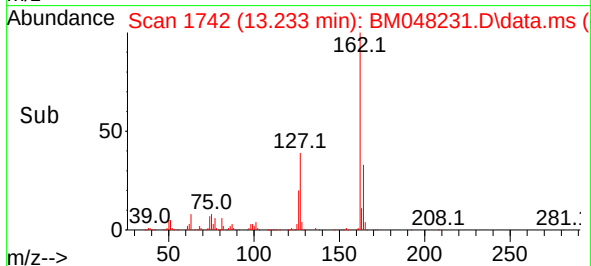
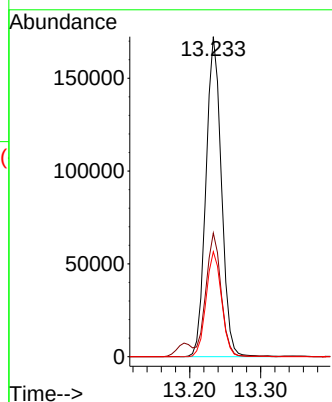
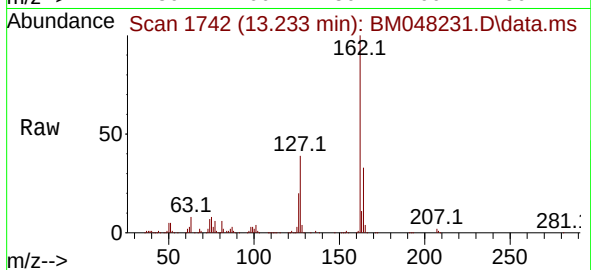
Tgt Ion:162 Resp: 261727

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.6

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 7.287 ng

RT: 13.445 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

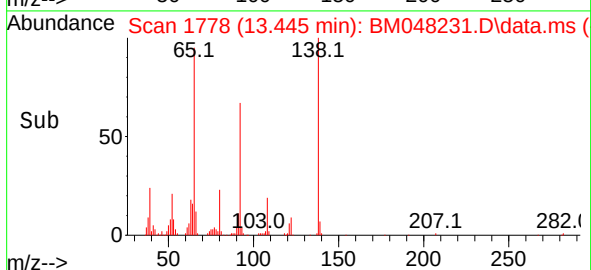
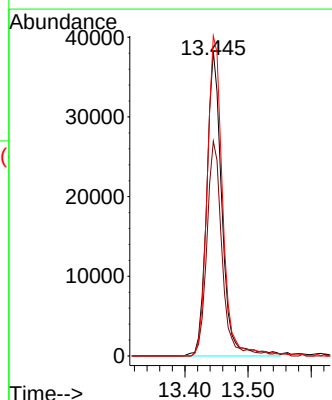
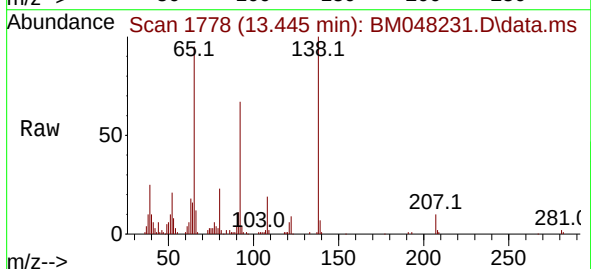
Tgt Ion: 65 Resp: 64048

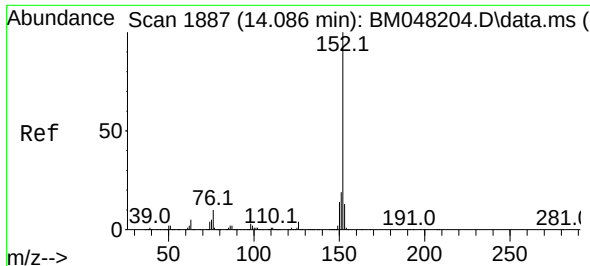
Ion Ratio Lower Upper

65 100

92 70.5 56.0 84.0

138 105.0 90.8 136.2

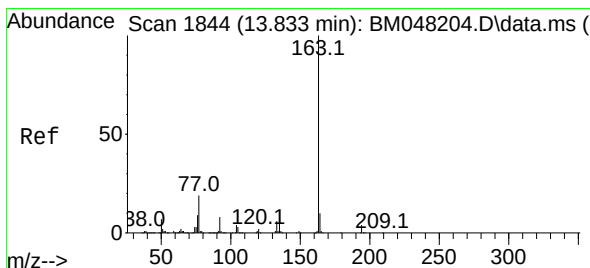
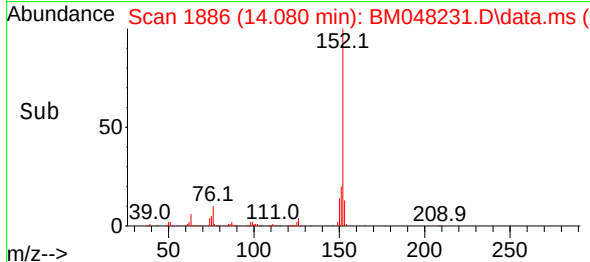
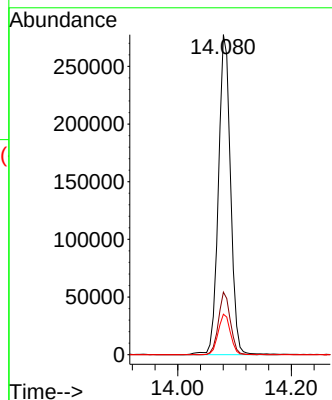
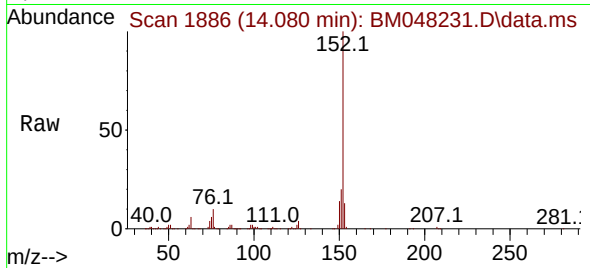




#49
Acenaphthylene
Concen: 8.664 ng
RT: 14.080 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

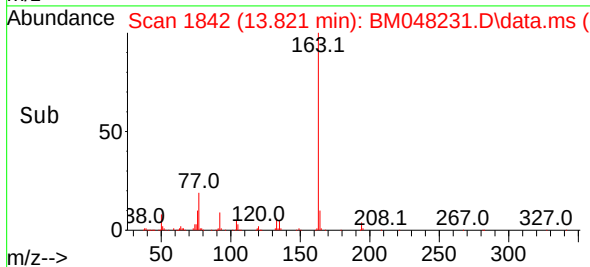
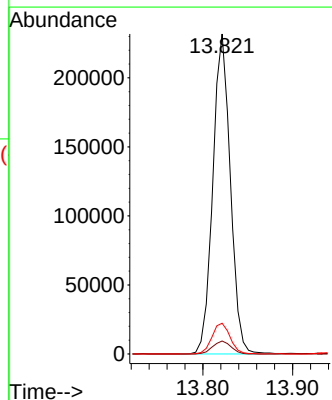
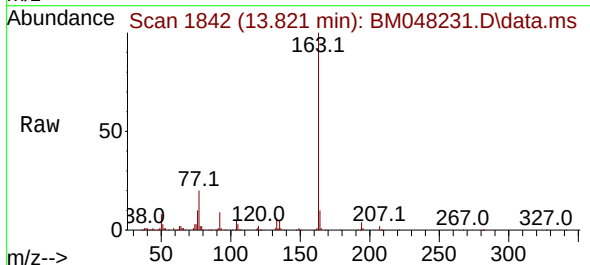
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

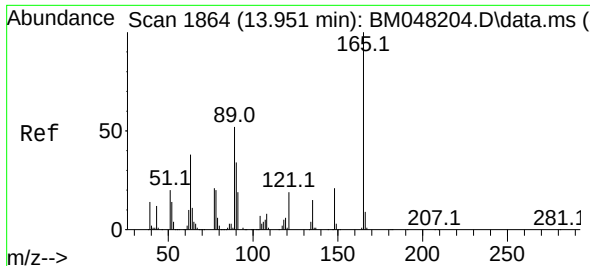
Tgt Ion:152 Resp: 409609
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 12.6 10.5 15.7



#50
Dimethylphthalate
Concen: 7.996 ng
RT: 13.821 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:163 Resp: 314214
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.6 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 7.059 ng

RT: 13.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

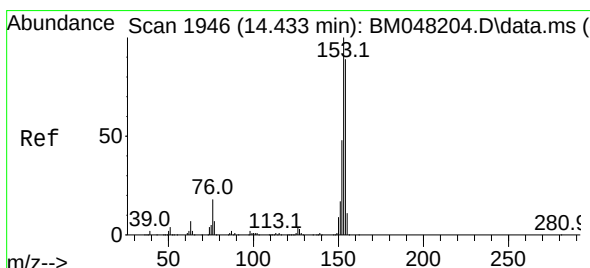
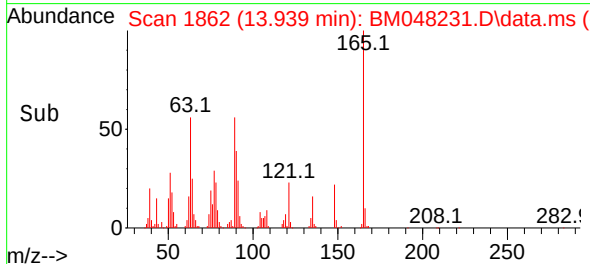
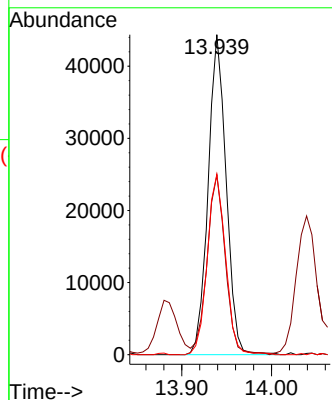
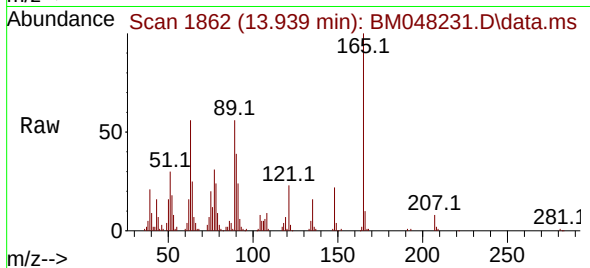
Tgt Ion:165 Resp: 61892

Ion Ratio Lower Upper

165 100

63 56.1 39.5 59.3

89 56.3 41.8 62.6



#52

Acenaphthene

Concen: 7.985 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

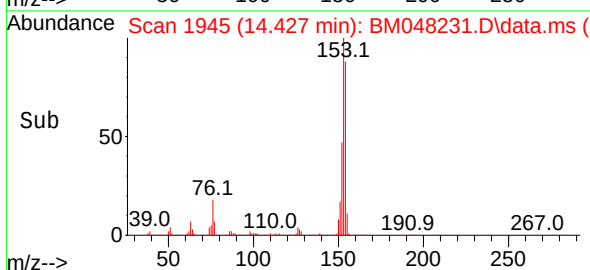
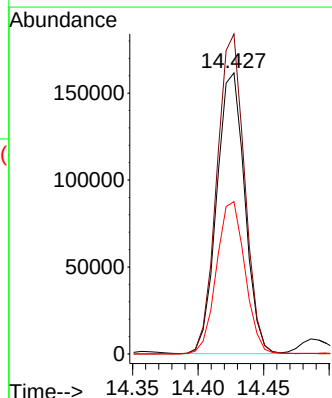
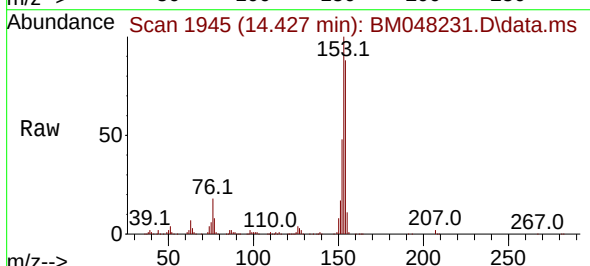
Tgt Ion:154 Resp: 239873

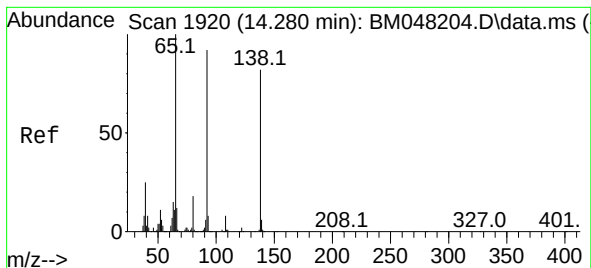
Ion Ratio Lower Upper

154 100

153 113.8 90.4 135.6

152 54.2 43.6 65.4





#53

3-Nitroaniline

Concen: 6.938 ng

RT: 14.274 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

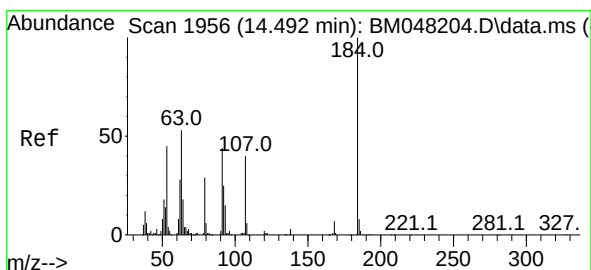
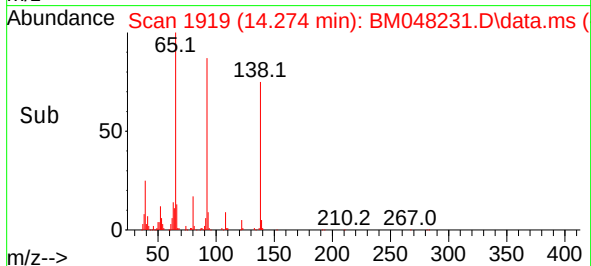
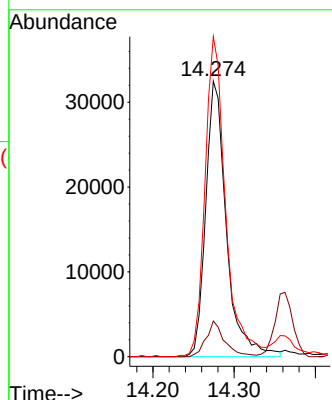
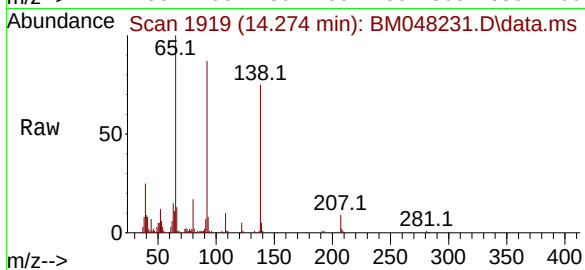
Tgt Ion:138 Resp: 57370

Ion Ratio Lower Upper

138 100

108 13.0 7.5 11.3#

92 116.2 89.7 134.5



#54

2,4-Dinitrophenol

Concen: 4.908 ng

RT: 14.492 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

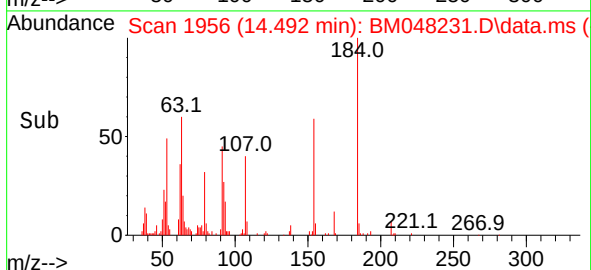
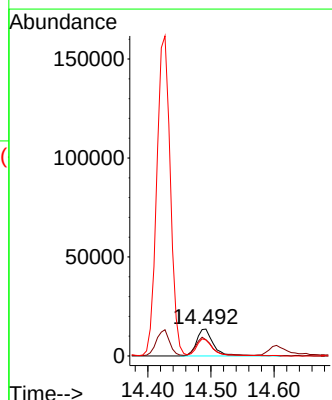
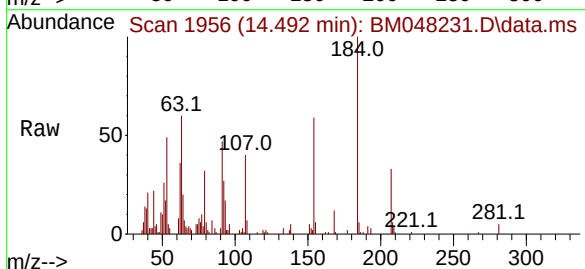
Tgt Ion:184 Resp: 25147

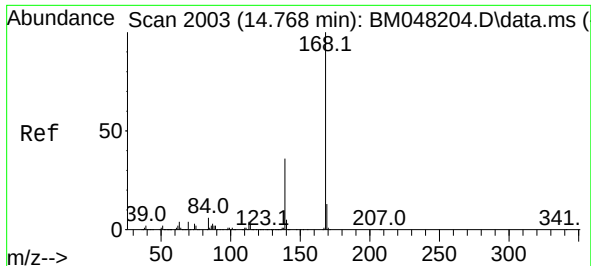
Ion Ratio Lower Upper

184 100

63 59.9 47.2 70.8

154 59.2 46.0 69.0





#55

Dibenzenofuran

Concen: 8.313 ng

RT: 14.763 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

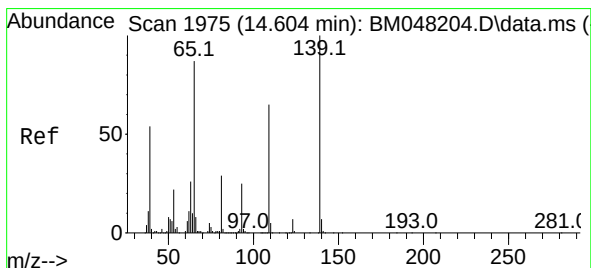
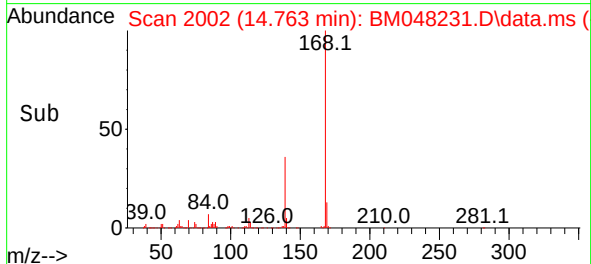
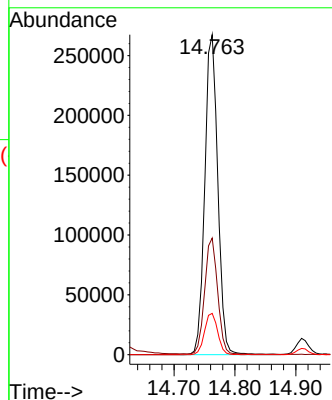
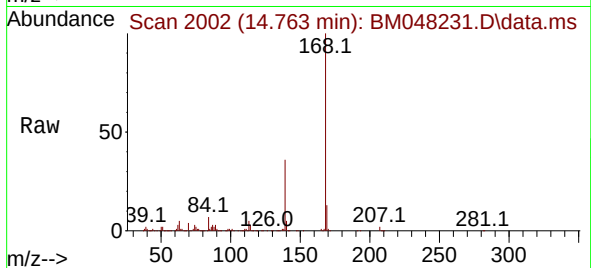
Tgt Ion:168 Resp: 396754

Ion Ratio Lower Upper

168 100

139 36.4 29.0 43.6

169 12.9 10.4 15.6



#56

4-Nitrophenol

Concen: 5.525 ng

RT: 14.604 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

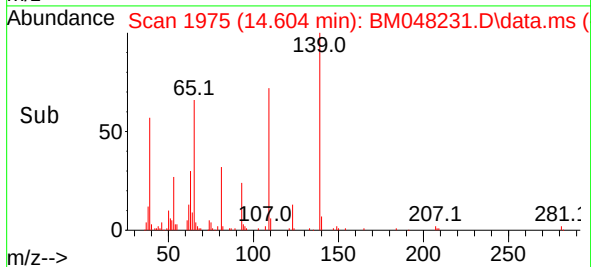
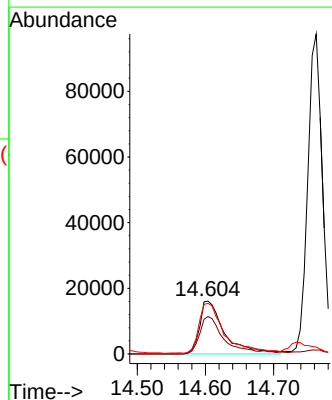
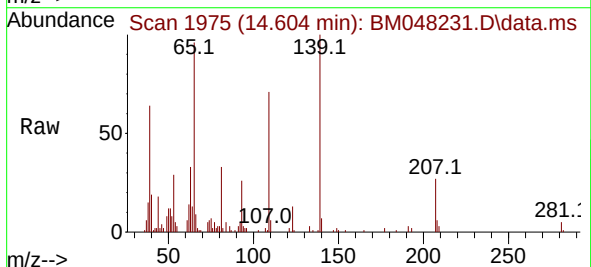
Tgt Ion:139 Resp: 40778

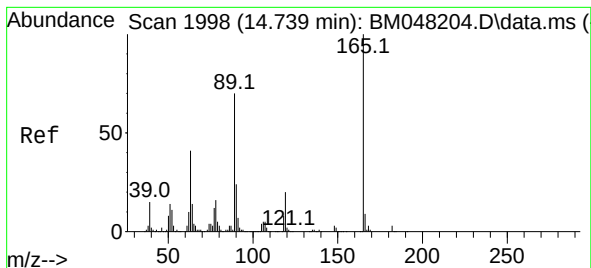
Ion Ratio Lower Upper

139 100

109 70.8 45.4 85.4

65 95.7 67.3 107.3





#57

2,4-Dinitrotoluene

Concen: 6.910 ng

RT: 14.733 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BM048231.D

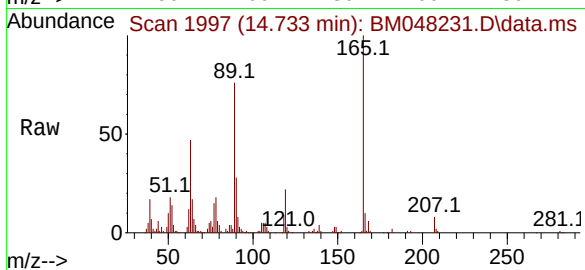
Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 80011

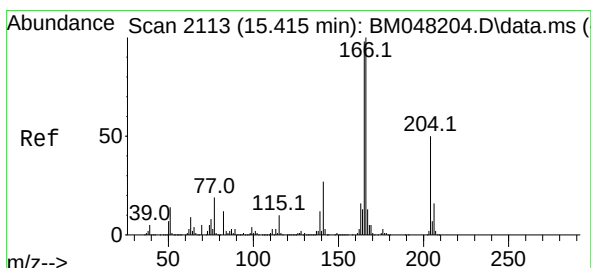
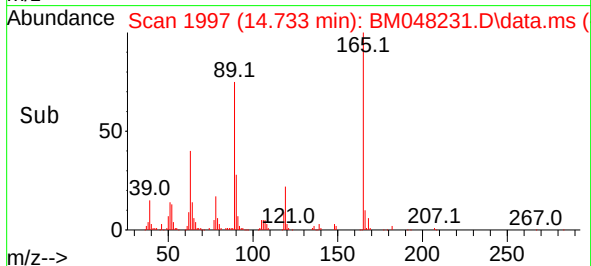
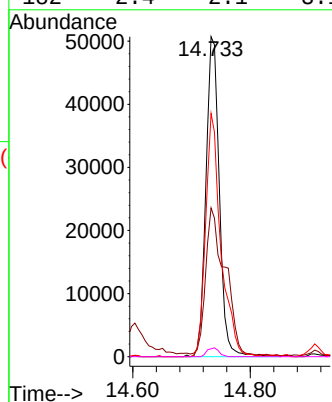
Ion Ratio Lower Upper

165 100

63 46.5 33.0 49.4

89 76.0 55.8 83.6

182 2.4 2.1 3.1



#58

Fluorene

Concen: 8.193 ng

RT: 15.410 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

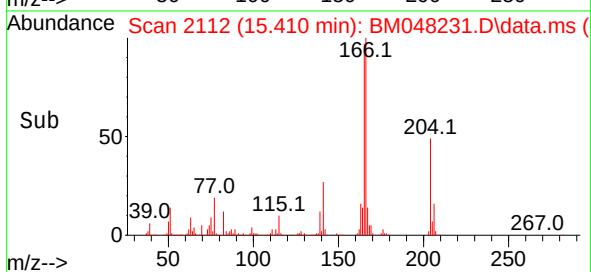
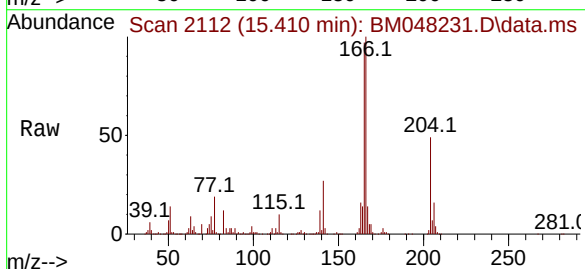
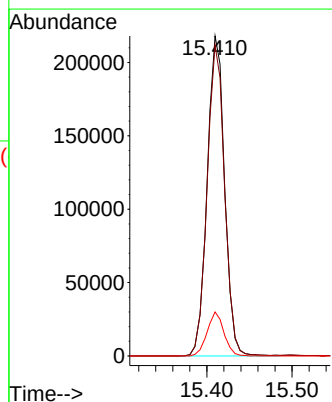
Tgt Ion:166 Resp: 309216

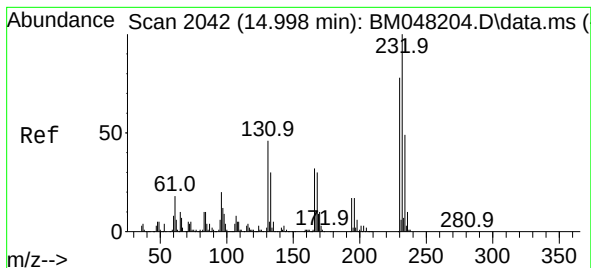
Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.884 ng

RT: 14.992 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:232 Resp: 79573

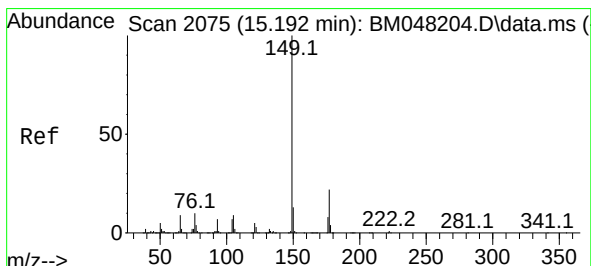
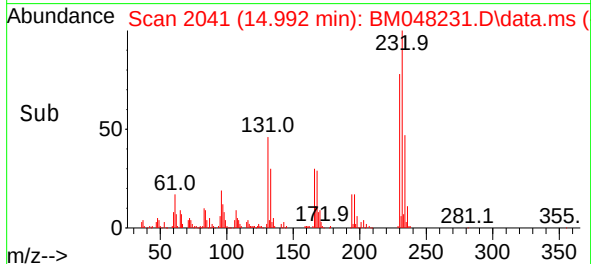
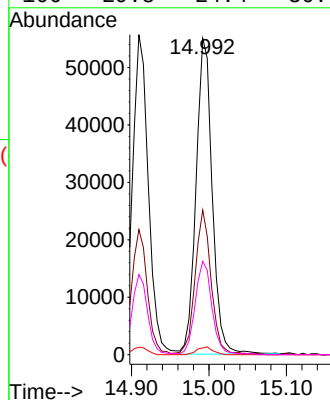
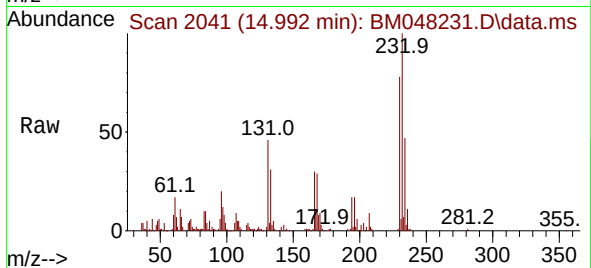
Ion Ratio Lower Upper

232 100

131 44.6 35.5 53.3

130 2.4 1.8 2.6

166 29.8 24.4 36.6



#60

Diethylphthalate

Concen: 7.659 ng

RT: 15.186 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

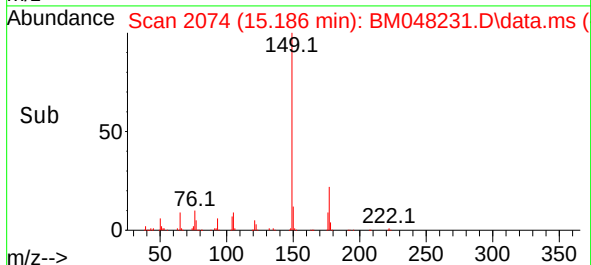
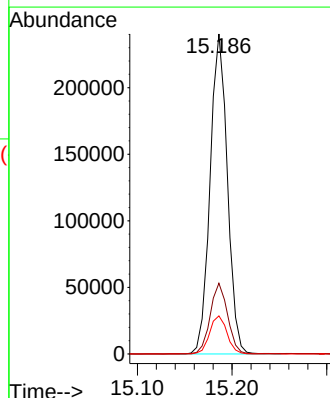
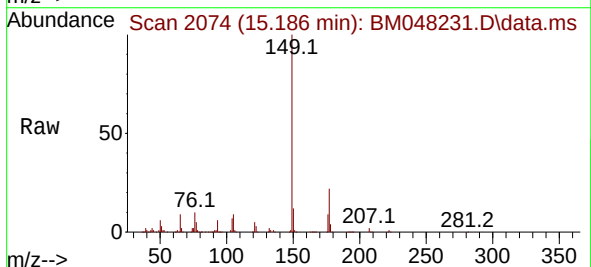
Tgt Ion:149 Resp: 304735

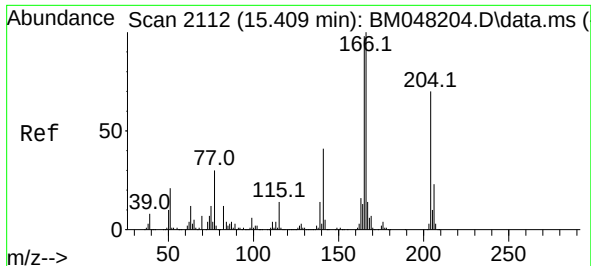
Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

150 11.9 10.1 15.1

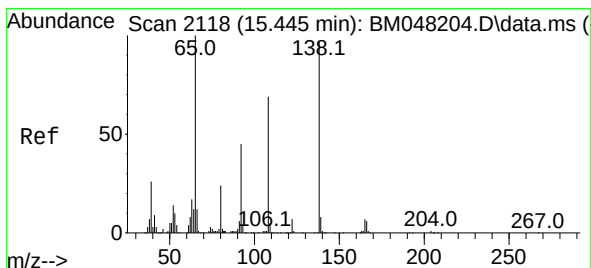
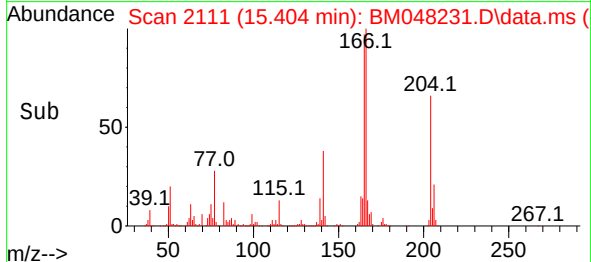
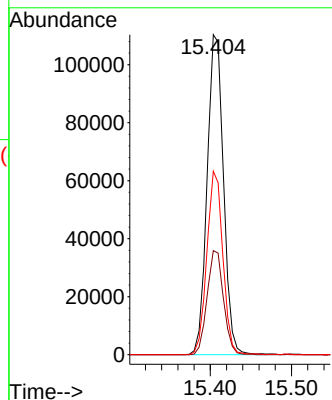
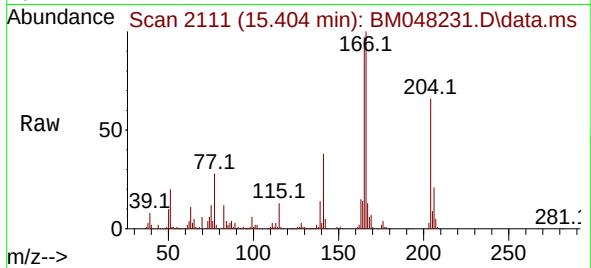




#61
4-Chlorophenyl-phenylether
Concen: 8.178 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

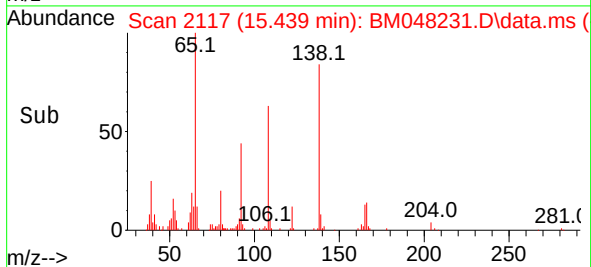
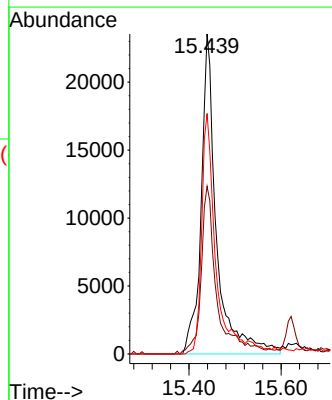
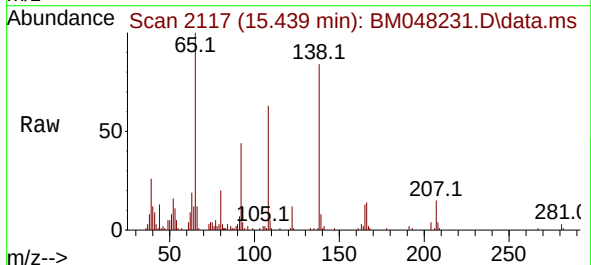
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

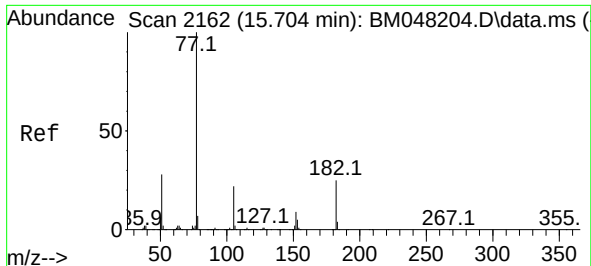
Tgt Ion:204 Resp: 154321
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 57.4 47.0 70.6



#62
4-Nitroaniline
Concen: 6.437 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:138 Resp: 55085
Ion Ratio Lower Upper
138 100
92 52.4 26.9 66.9
108 75.1 51.3 91.3

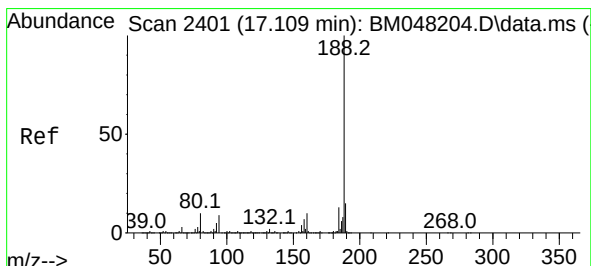
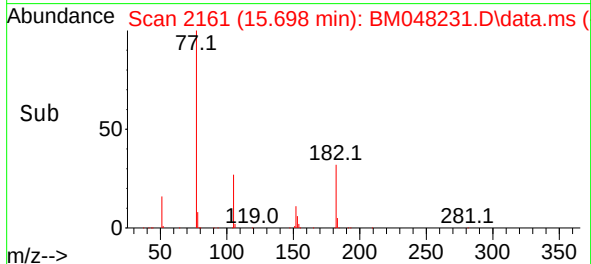
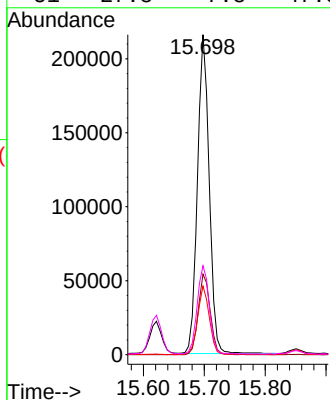
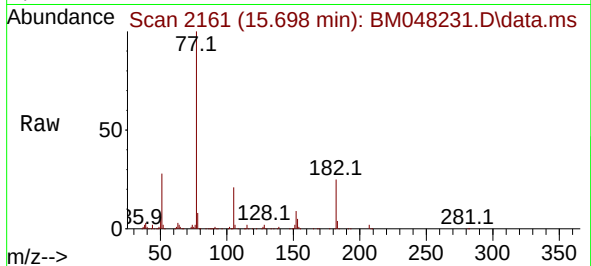




#63
Azobenzene
Concen: 8.120 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

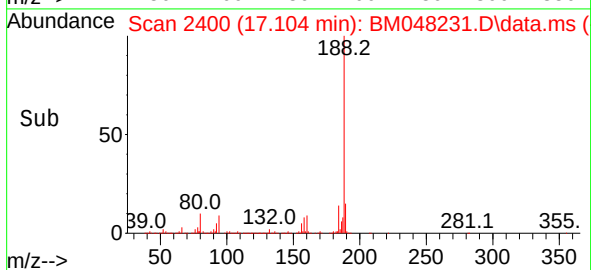
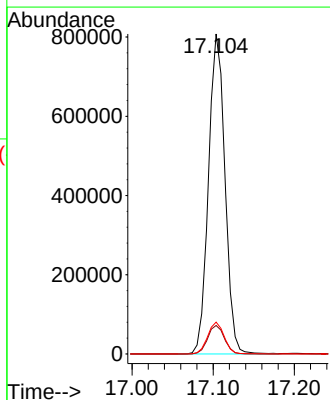
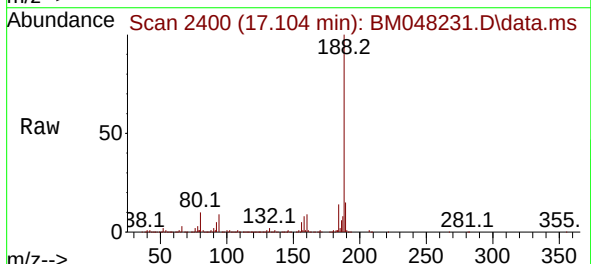
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

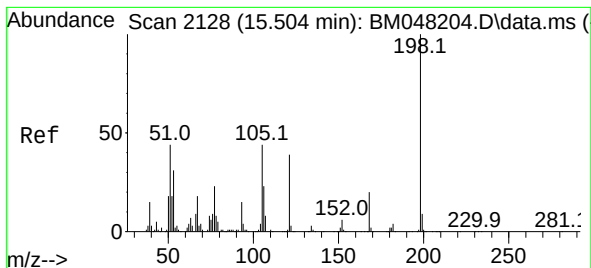
Tgt Ion: 77 Resp: 289566
Ion Ratio Lower Upper
77 100
182 25.1 5.3 45.3
105 21.5 1.6 41.6
51 27.8 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:188 Resp: 1139804
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.9 8.0 12.0

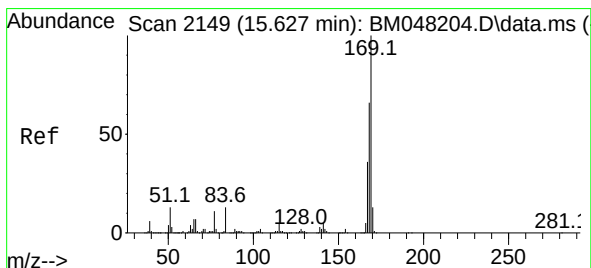
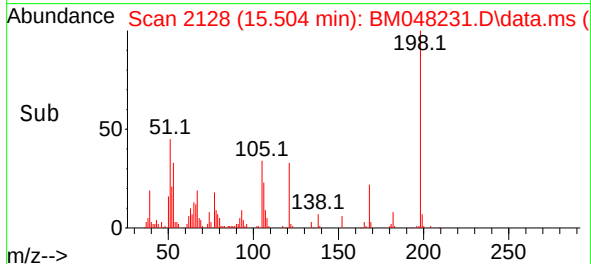
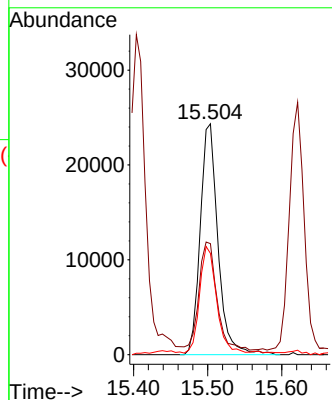
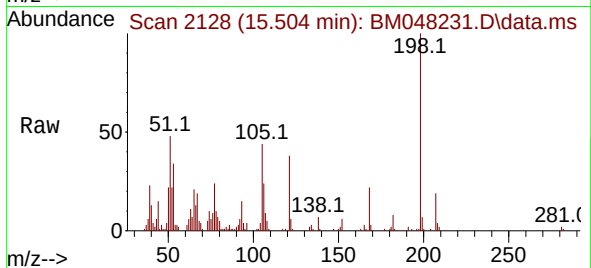




#65
4,6-Dinitro-2-methylphenol
Concen: 6.117 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

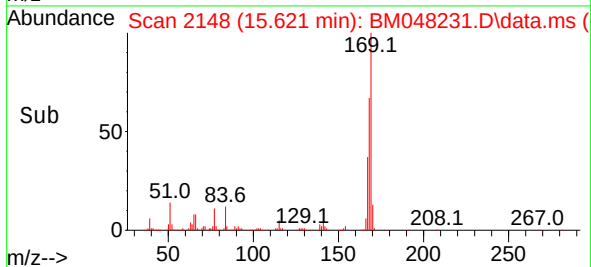
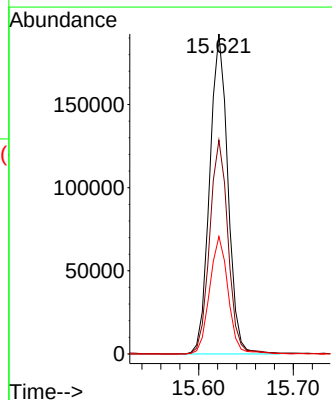
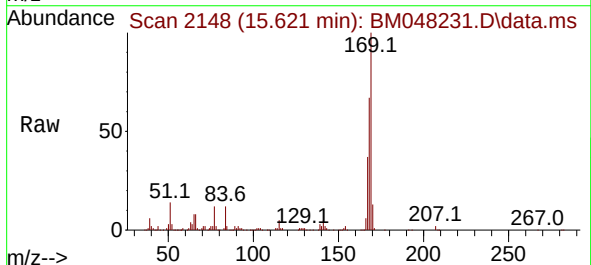
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

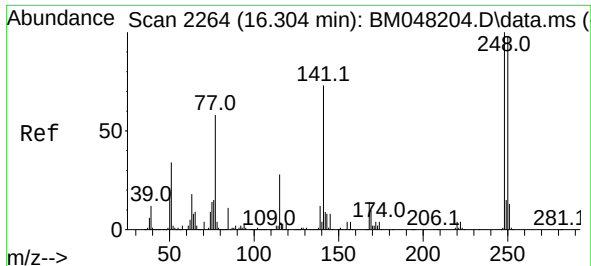
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.1	25.4	65.4
105	43.9	23.9	63.9



#66
n-Nitrosodiphenylamine
Concen: 8.227 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.9	79.3
167	36.7	29.3	43.9

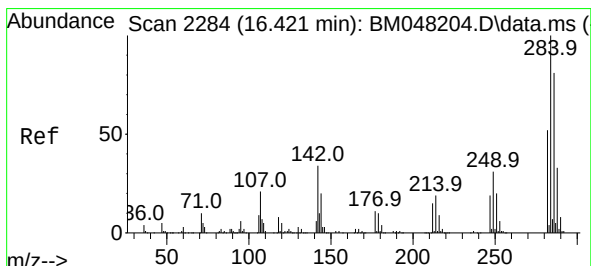
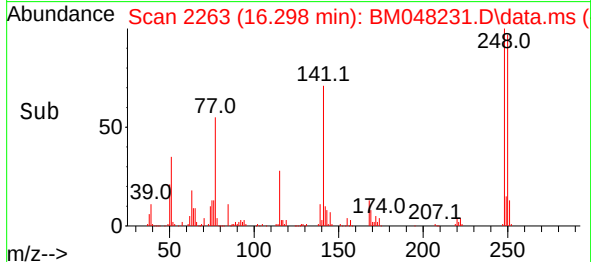
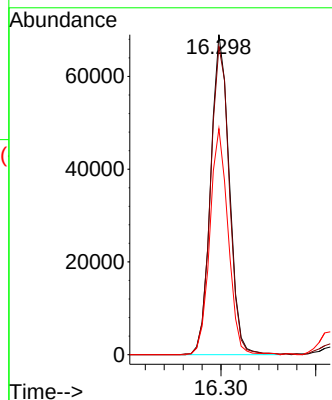
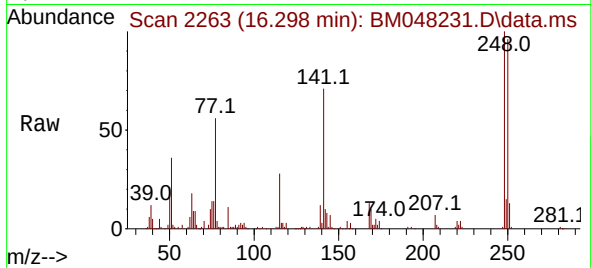




#67
4-Bromophenyl-phenylether
Concen: 8.124 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

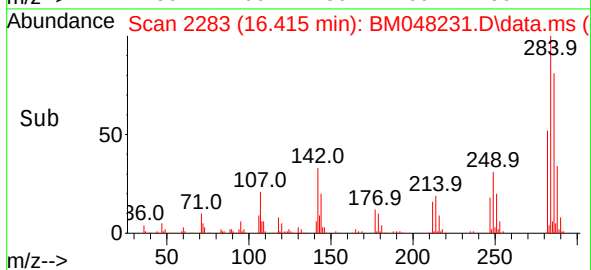
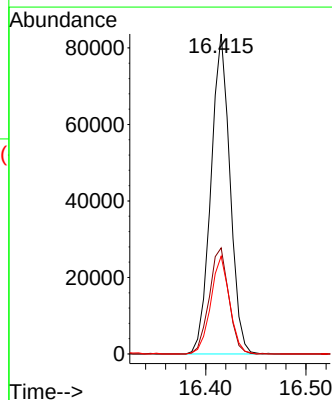
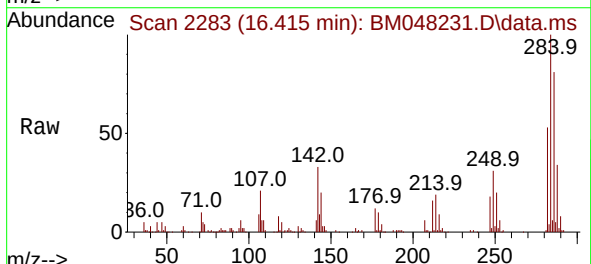
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

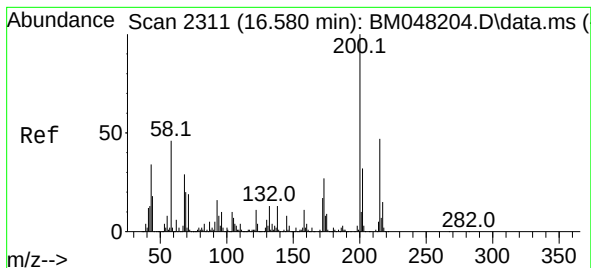
Tgt Ion:248 Resp: 93877
Ion Ratio Lower Upper
248 100
250 96.3 78.3 117.5
141 70.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 7.960 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:284 Resp: 110488
Ion Ratio Lower Upper
284 100
142 33.1 27.0 40.4
249 30.5 24.6 36.8





#69

Atrazine

Concen: 9.580 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

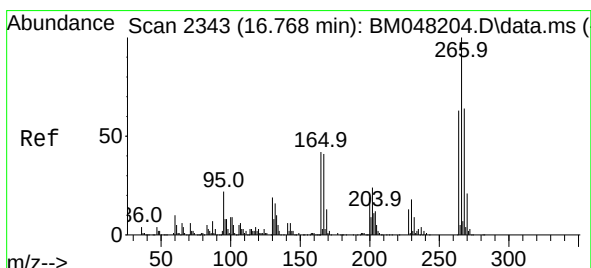
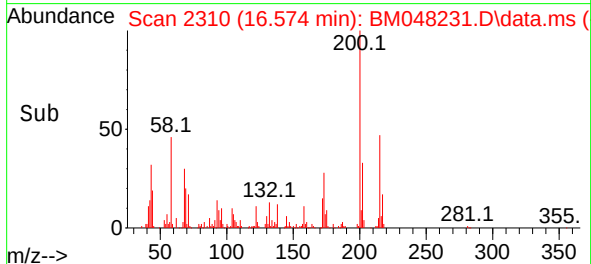
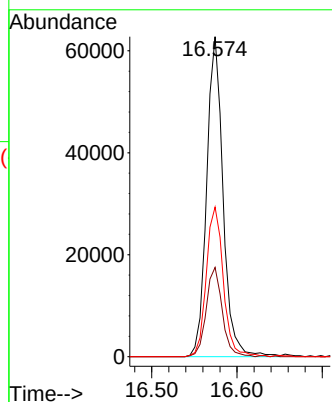
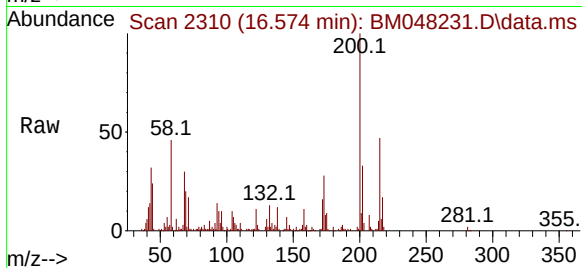
Tgt Ion:200 Resp: 83877

Ion Ratio Lower Upper

200 100

173 27.9 6.5 46.5

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 6.696 ng

RT: 16.762 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

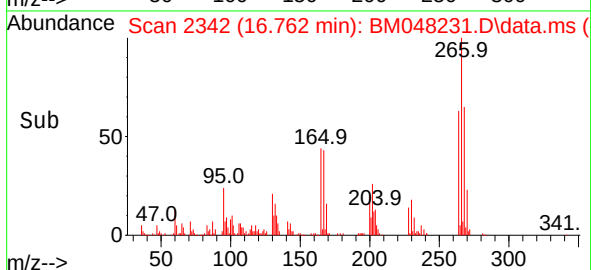
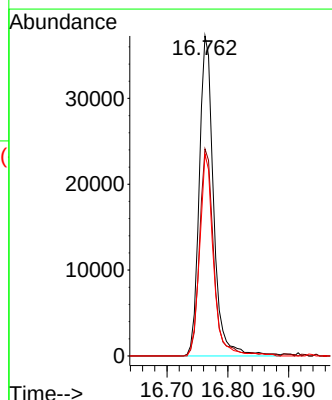
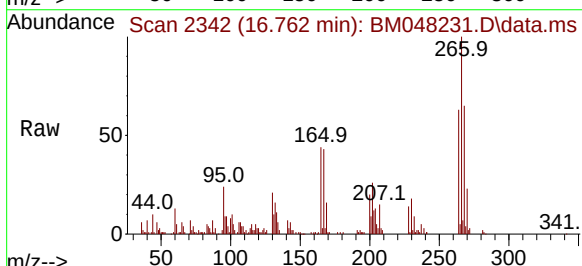
Tgt Ion:266 Resp: 61019

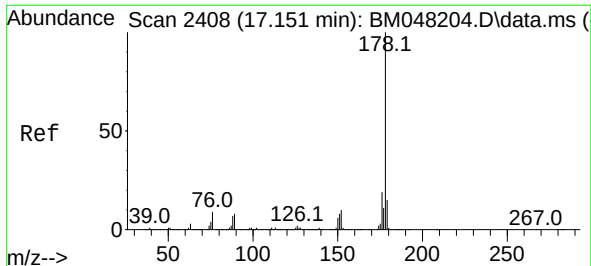
Ion Ratio Lower Upper

266 100

268 64.7 50.8 76.2

264 63.0 50.2 75.2

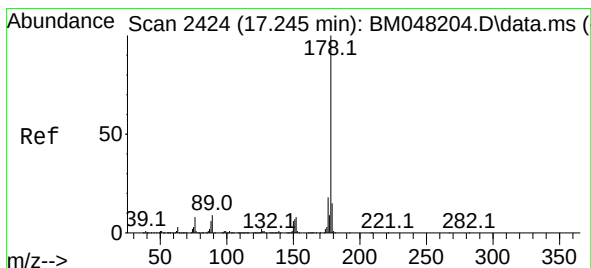
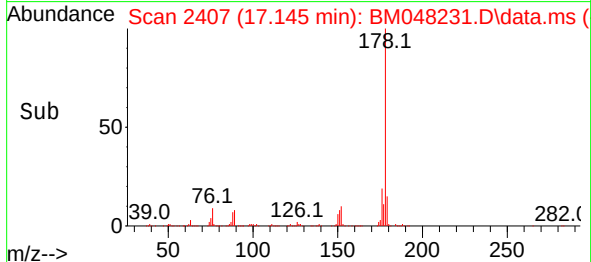
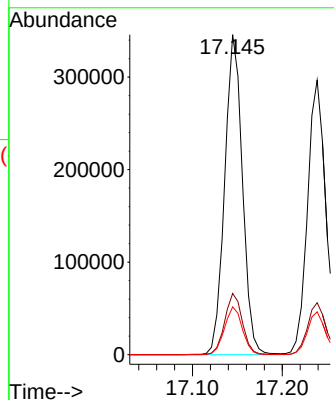
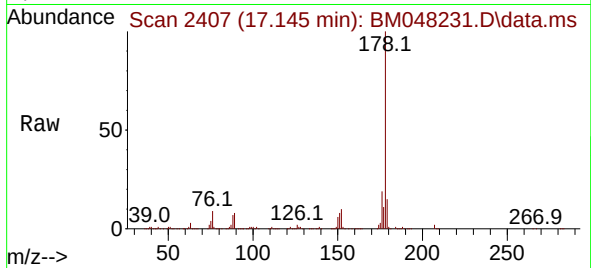




#71
Phenanthrene
Concen: 8.416 ng
RT: 17.145 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

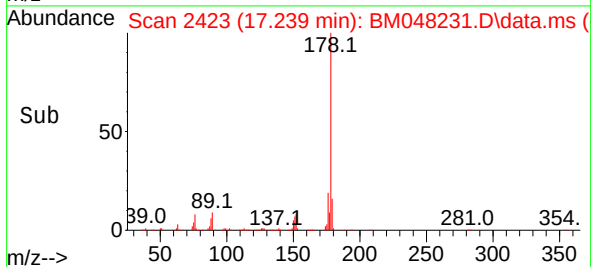
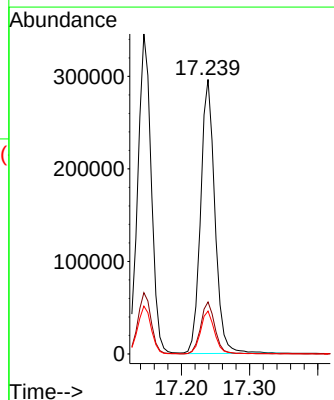
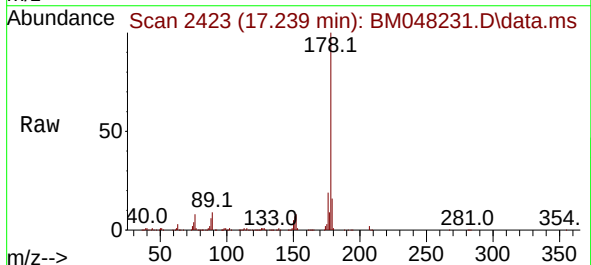
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

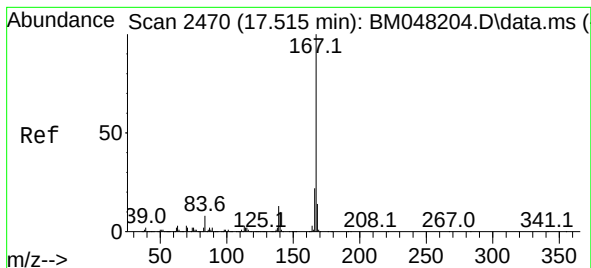
Tgt Ion:178 Resp: 475004
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.0 12.4 18.6



#72
Anthracene
Concen: 7.875 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:178 Resp: 430275
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.2 18.2





#73

Carbazole

Concen: 7.757 ng

RT: 17.515 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

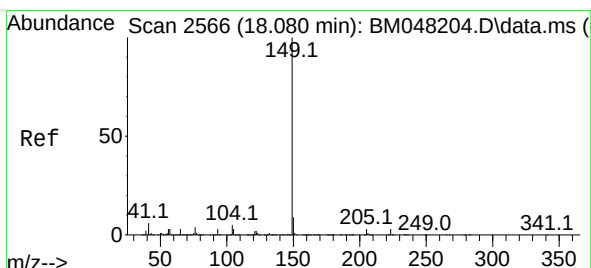
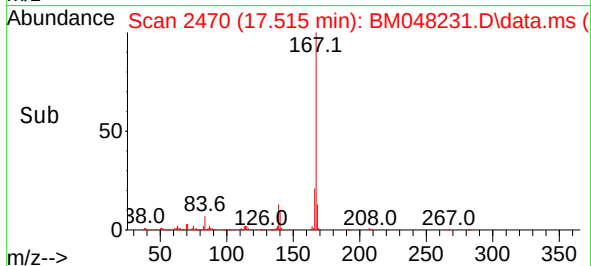
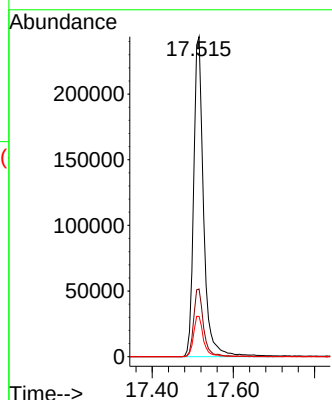
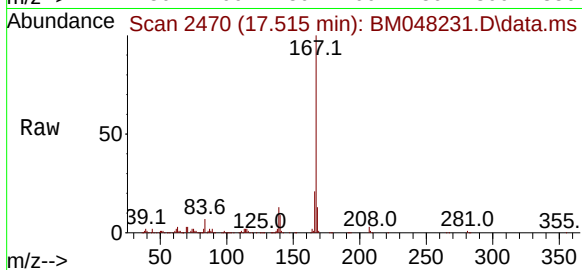
Tgt Ion:167 Resp: 415458

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 7.316 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

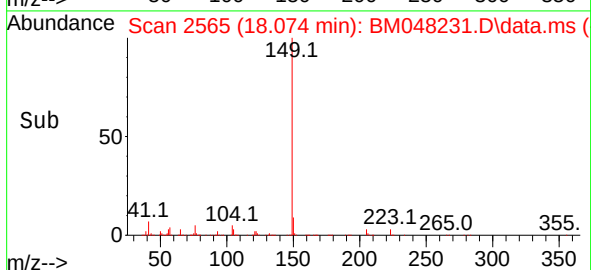
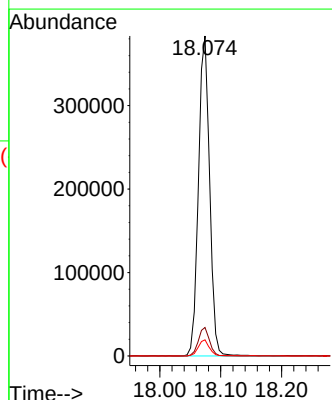
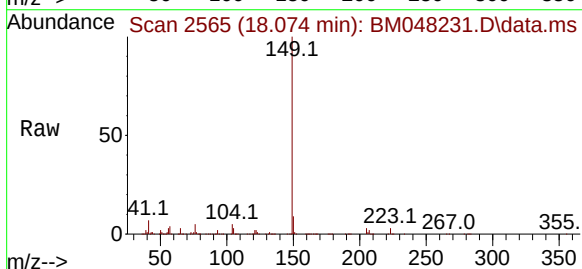
Tgt Ion:149 Resp: 487771

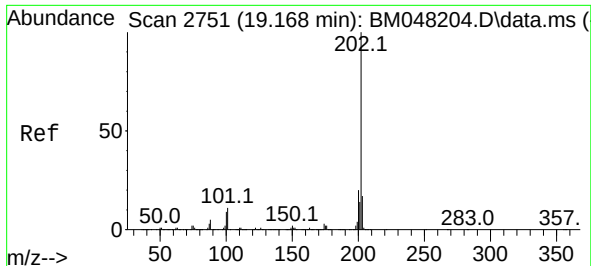
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 5.0 3.8 5.6

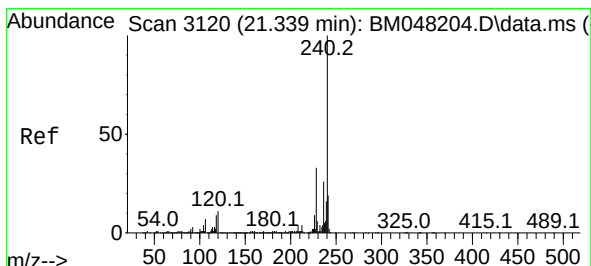
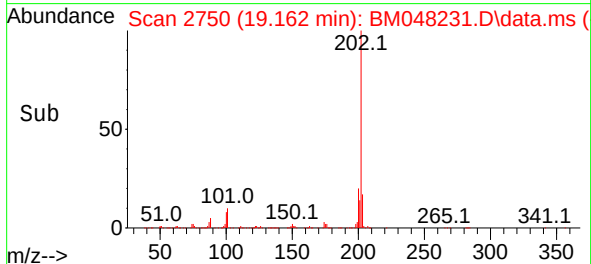
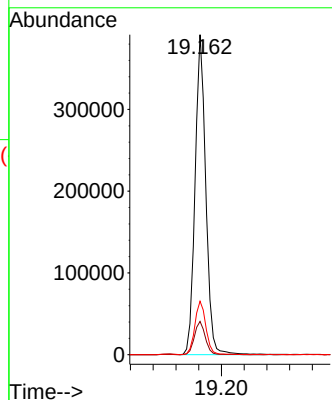
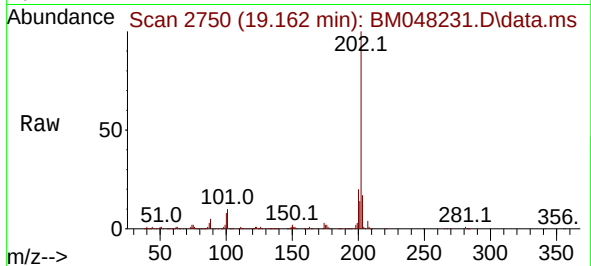




#75
Fluoranthene
Concen: 7.668 ng
RT: 19.162 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

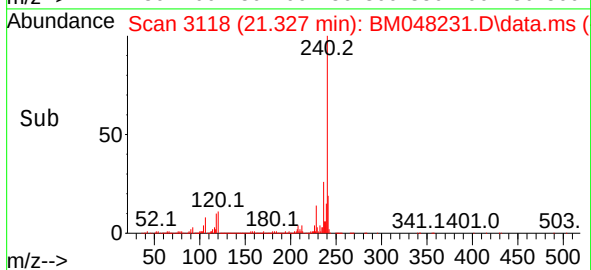
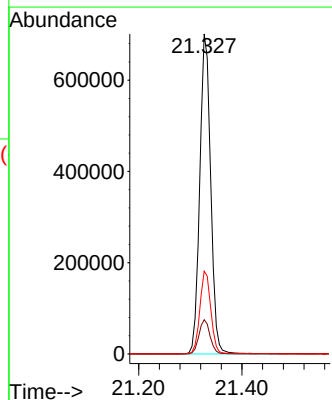
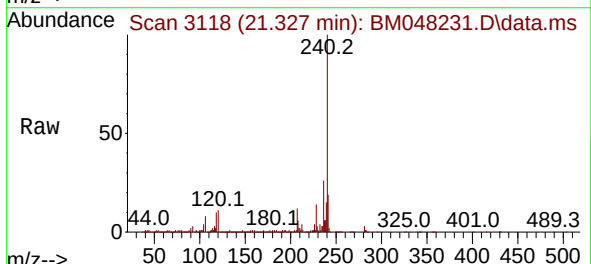
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

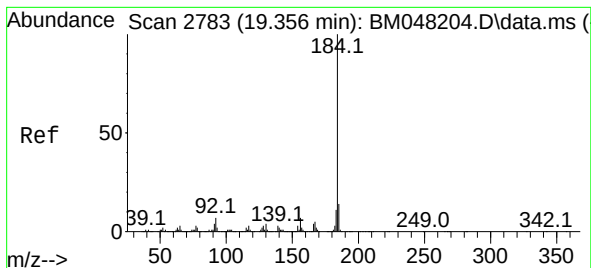
Tgt Ion:202 Resp: 516260
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 16.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:240 Resp: 1026711
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.9 20.7 31.1





#77

Benzidine

Concen: 9.513 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

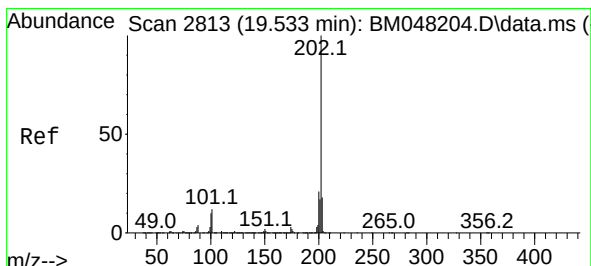
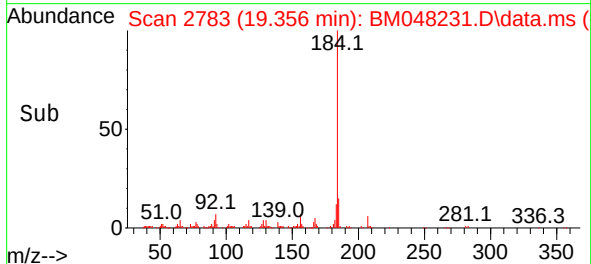
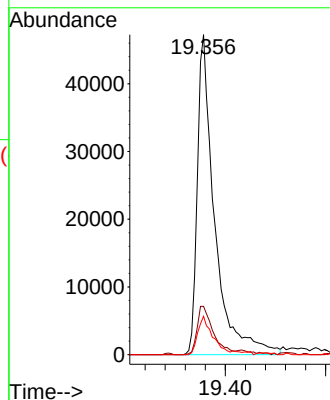
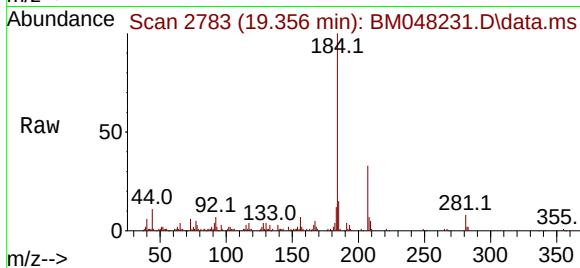
Tgt Ion:184 Resp: 112726

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.0

183 12.0 9.0 13.4



#78

Pyrene

Concen: 7.925 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

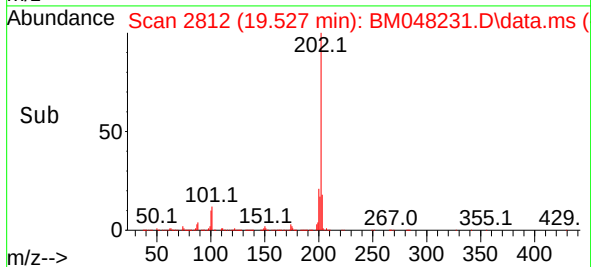
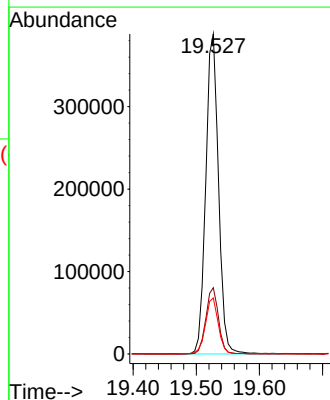
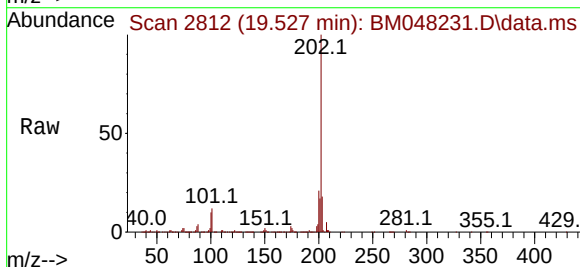
Tgt Ion:202 Resp: 544590

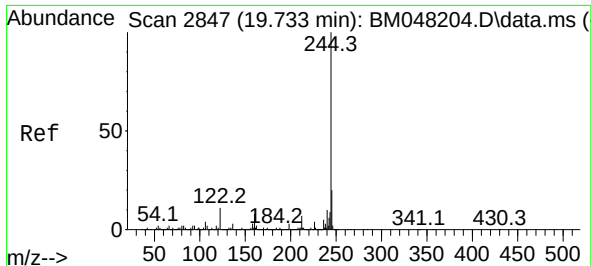
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.5 14.1 21.1

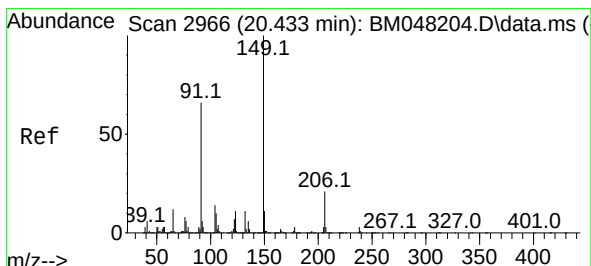
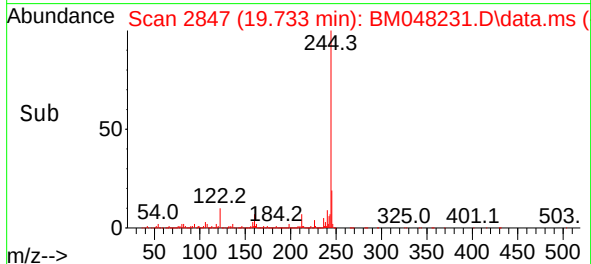
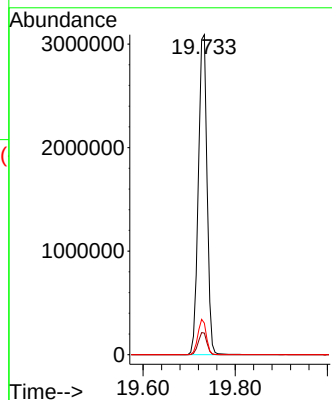
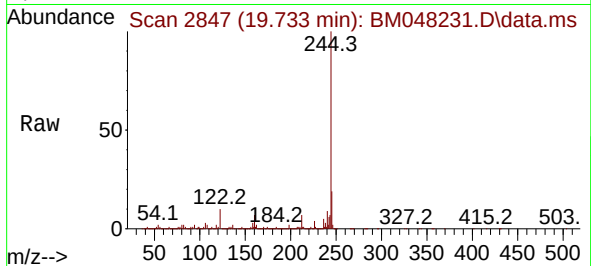




#79
 Terphenyl-d14
 Concen: 80.125 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048231.D
 Acq: 25 Oct 2024 10:47

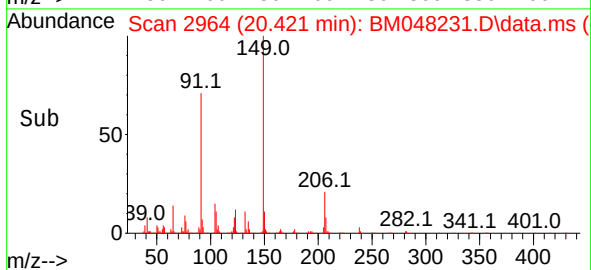
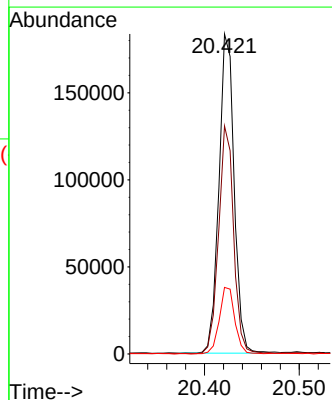
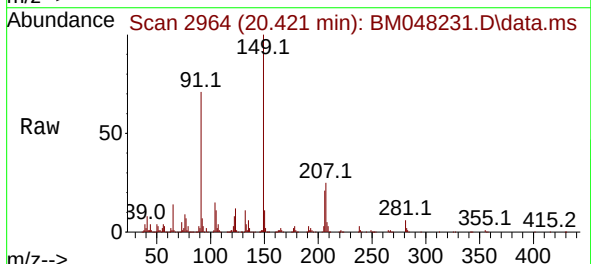
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2024

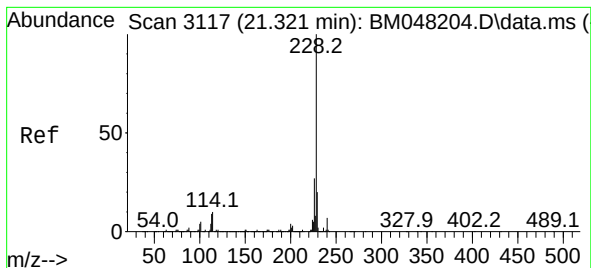
Tgt Ion:244 Resp: 4031179
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 7.148 ng
 RT: 20.421 min Scan# 2964
 Delta R.T. -0.012 min
 Lab File: BM048231.D
 Acq: 25 Oct 2024 10:47

Tgt Ion:149 Resp: 205415
 Ion Ratio Lower Upper
 149 100
 91 71.3 52.5 78.7
 206 20.8 17.0 25.6





#81

Benzo(a)anthracene

Concen: 8.122 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

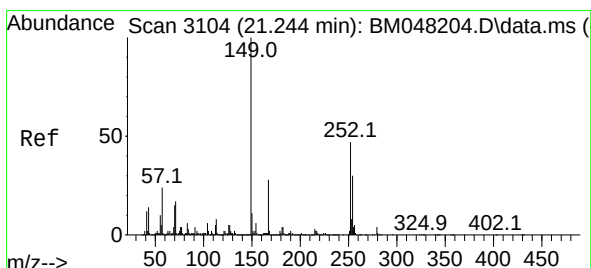
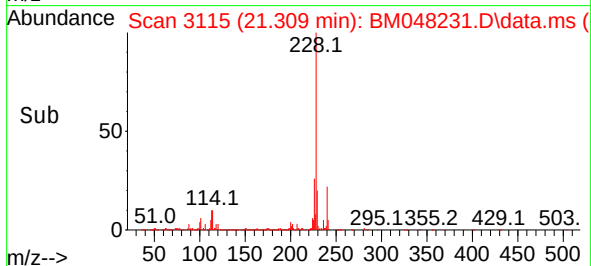
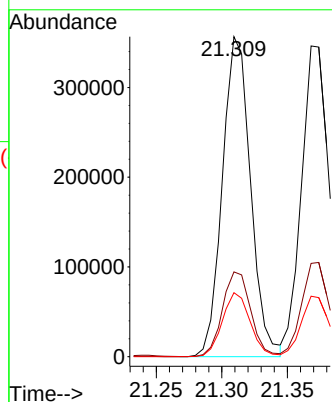
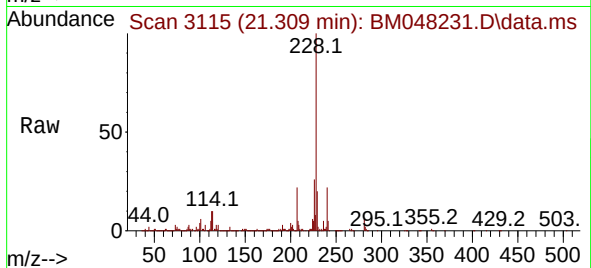
Tgt Ion:228 Resp: 532871

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 7.896 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

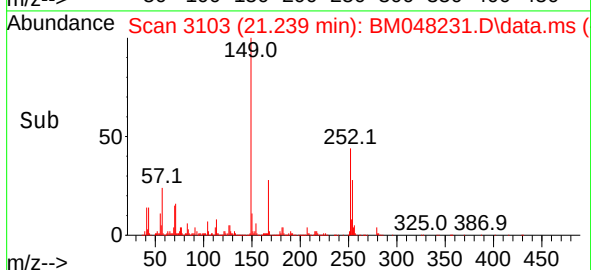
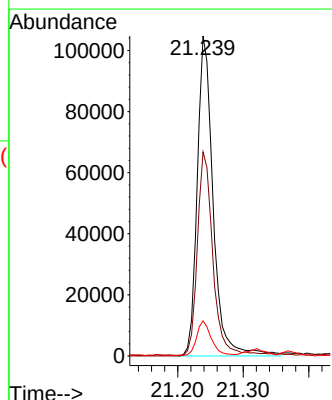
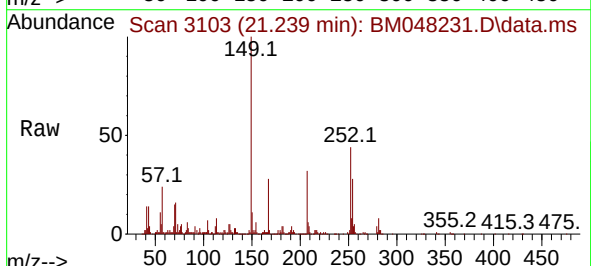
Tgt Ion:252 Resp: 177451

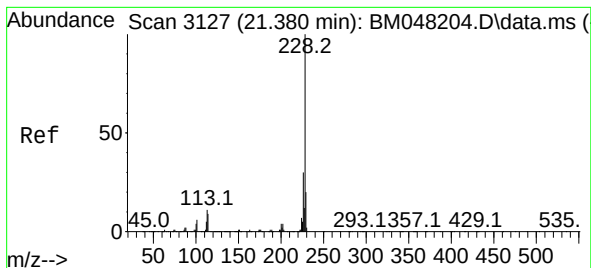
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.8

126 11.0 8.8 13.2





#83

Chrysene

Concen: 8.263 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

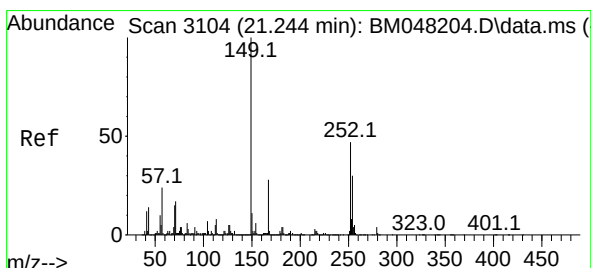
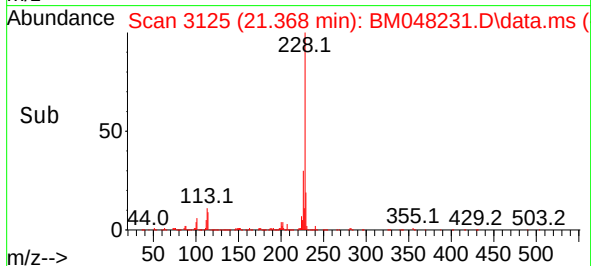
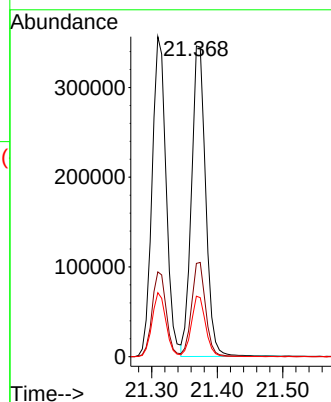
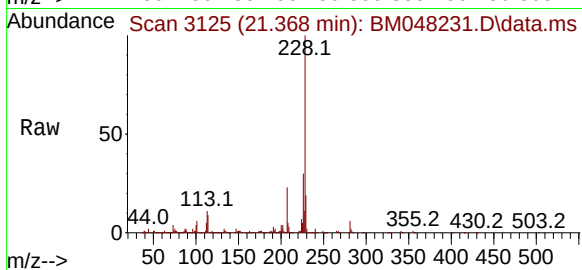
Tgt Ion:228 Resp: 520345

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.372 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

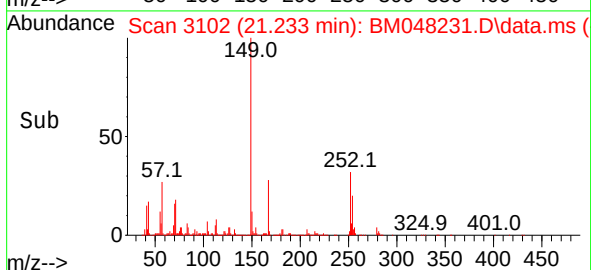
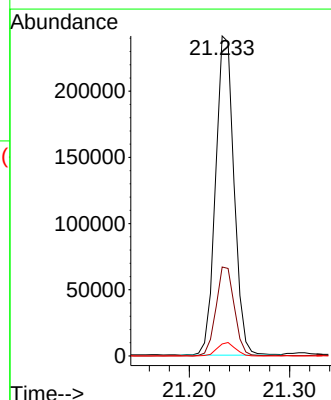
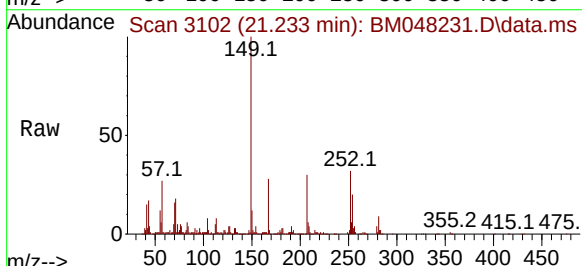
Tgt Ion:149 Resp: 307922

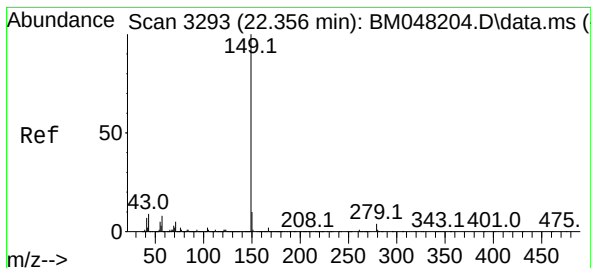
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 6.533 ng

RT: 22.344 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

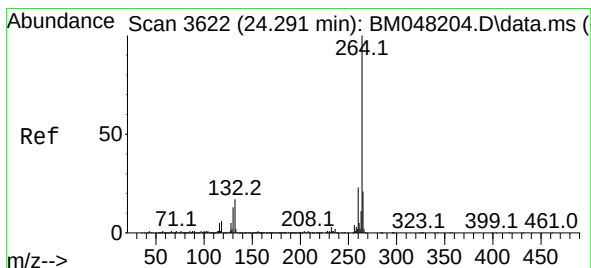
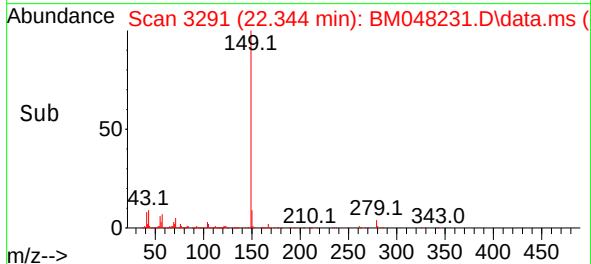
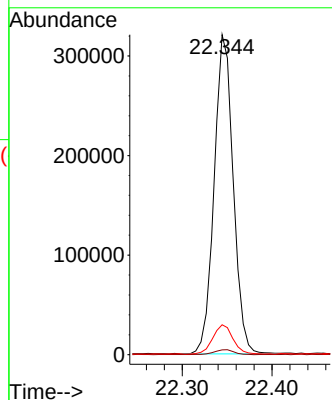
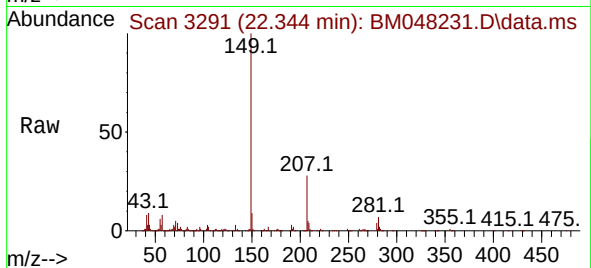
Tgt Ion:149 Resp: 472572

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.6 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.280 min Scan# 3620

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

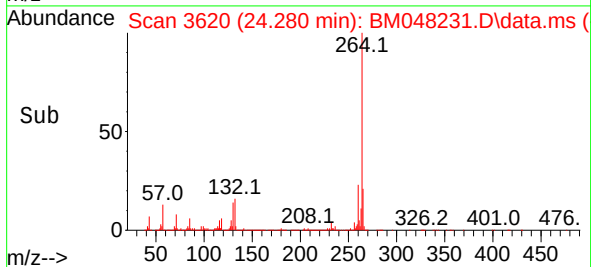
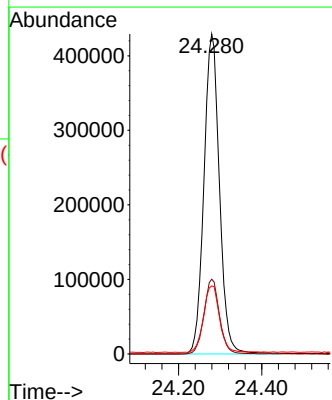
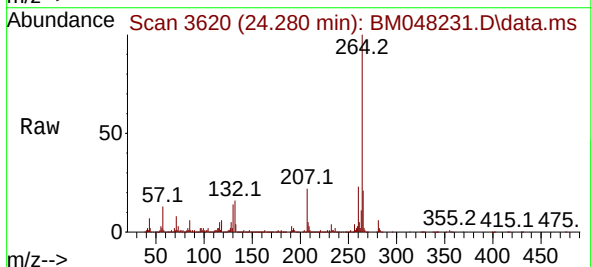
Tgt Ion:264 Resp: 1112637

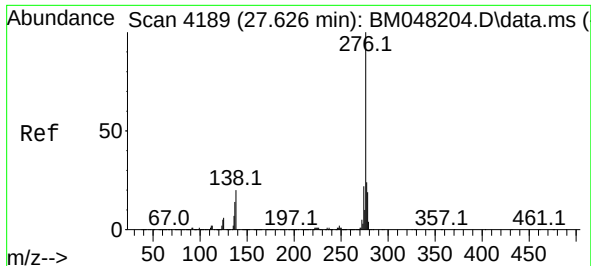
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 17.4 26.2

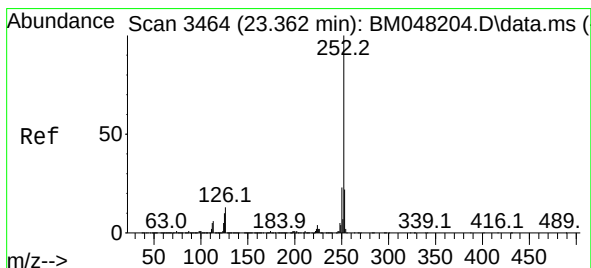
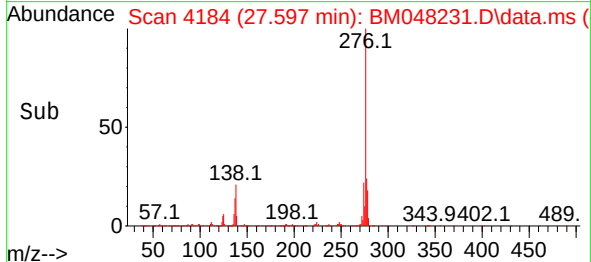
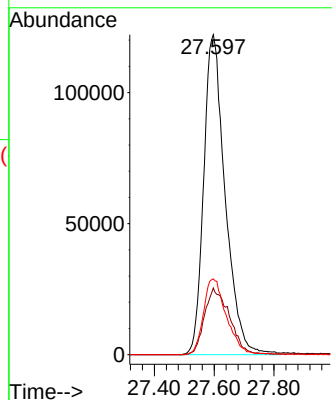
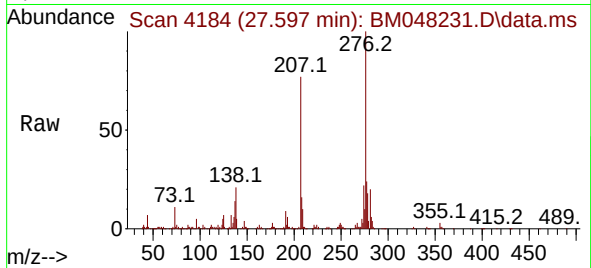




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.281 ng
RT: 27.597 min Scan# 4189
Delta R.T. -0.029 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

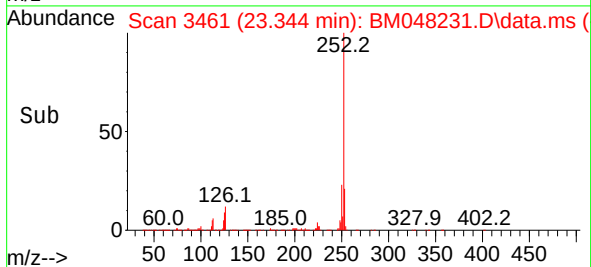
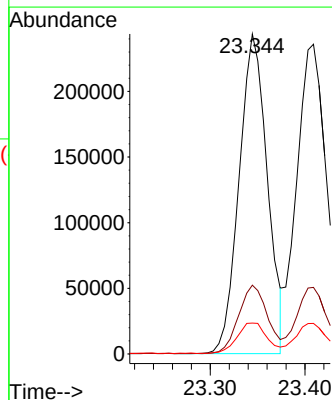
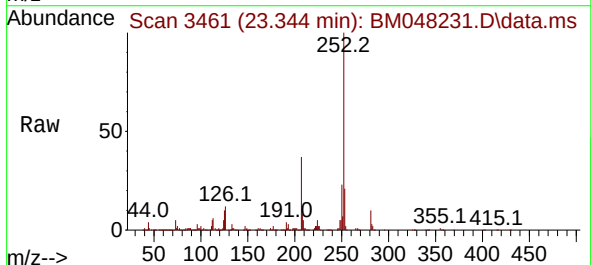
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

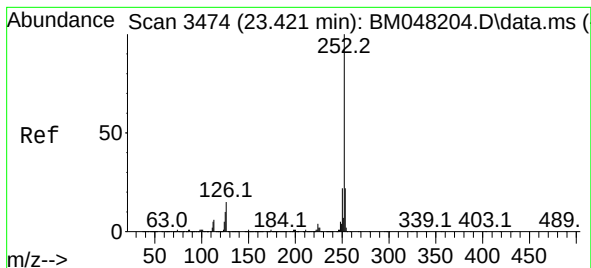
Tgt Ion:276 Resp: 609277
Ion Ratio Lower Upper
276 100
138 24.2 19.8 29.6
277 25.3 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 7.898 ng
RT: 23.344 min Scan# 3461
Delta R.T. -0.018 min
Lab File: BM048231.D
Acq: 25 Oct 2024 10:47

Tgt Ion:252 Resp: 503871
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 8.653 ng

RT: 23.409 min Scan# 3474

Delta R.T. -0.012 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

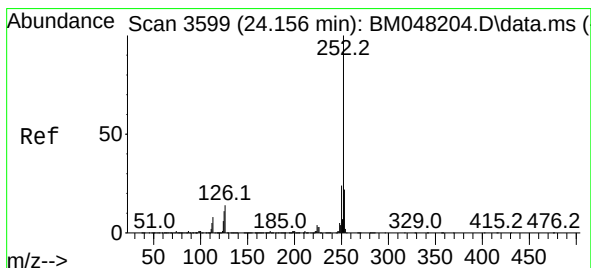
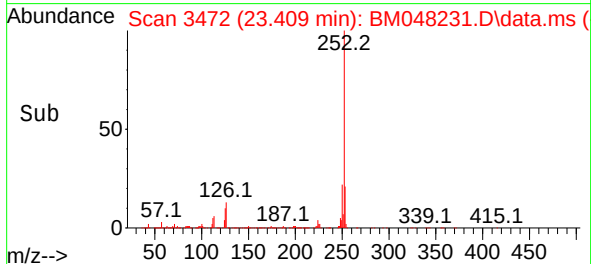
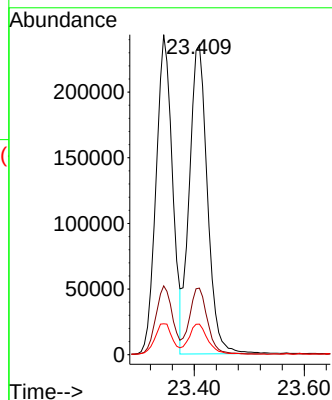
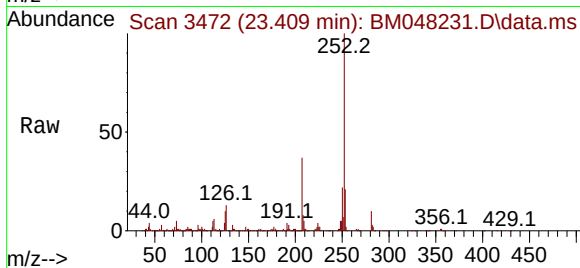
Tgt Ion:252 Resp: 533731

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 9.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 8.219 ng

RT: 24.138 min Scan# 3596

Delta R.T. -0.018 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

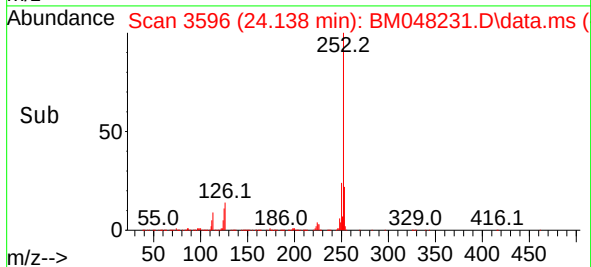
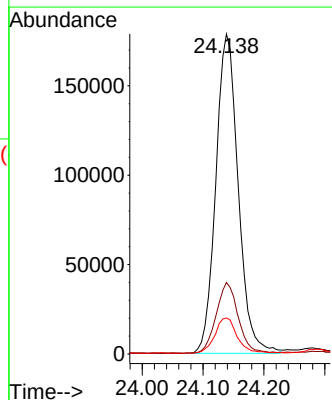
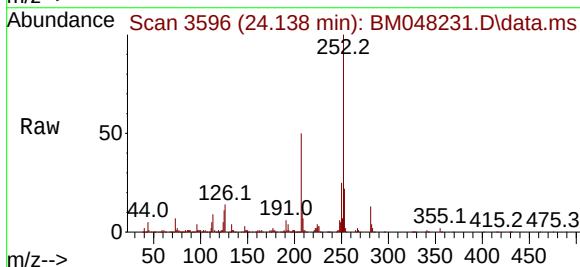
Tgt Ion:252 Resp: 455822

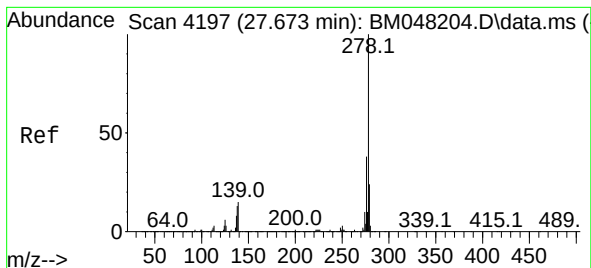
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 11.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 8.193 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

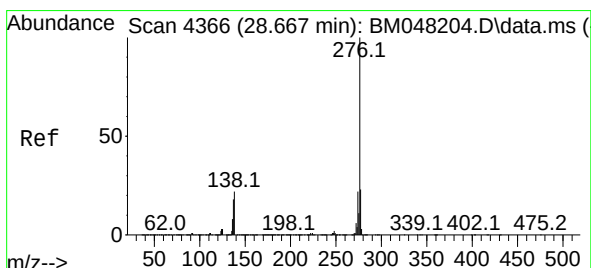
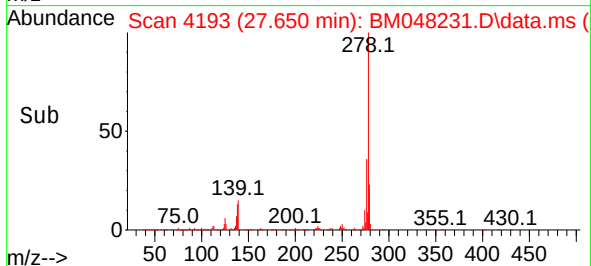
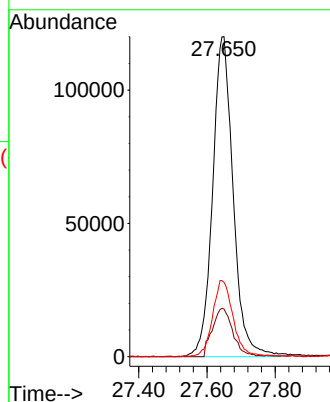
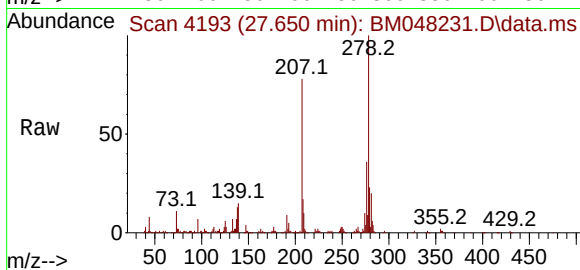
Tgt Ion:278 Resp: 502006

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 23.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 7.578 ng

RT: 28.626 min Scan# 4359

Delta R.T. -0.041 min

Lab File: BM048231.D

Acq: 25 Oct 2024 10:47

Tgt Ion:276 Resp: 475416

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 20.6 17.5 26.3

