

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048230.D
 Acq On : 25 Oct 2024 10:07
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER-4 ng
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 25 10:50:09 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	309405	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1270558	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	813145	20.000	ng	0.00
64) Phenanthrene-d10	17.103	188	1579972	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1330868	20.000	ng	0.00
86) Perylene-d12	24.279	264	1387185	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1941479	105.477	ng	0.00
7) Phenol-d6	6.898	99	2573785	107.369	ng	0.00
23) Nitrobenzene-d5	8.875	82	1688458	75.034	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1019652	102.447	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	3789185	71.506	ng	0.00
79) Terphenyl-d14	19.733	244	4353880	66.762	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	27154	3.604	ng	98
3) Pyridine	3.616	79	57564	2.876	ng	# 93
4) n-Nitrosodimethylamine	3.516	42	29121	3.427	ng	# 97
6) Aniline	7.051	93	87434	4.394	ng	98
8) 2-Chlorophenol	7.286	128	72231	3.612	ng	96
9) Benzaldehyde	6.863	77	64714	5.495	ng	96
10) Phenol	6.922	94	86808	3.599	ng	87
11) bis(2-Chloroethyl)ether	7.145	93	71685	3.732	ng	99
12) 1,3-Dichlorobenzene	7.604	146	81320	3.527	ng	99
13) 1,4-Dichlorobenzene	7.751	146	82479	3.521	ng	98
14) 1,2-Dichlorobenzene	8.069	146	80110	3.539	ng	98
15) Benzyl Alcohol	7.963	79	50469	3.300	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.239	45	108893	3.876	ng	99
17) 2-Methylphenol	8.169	107	50918	3.177	ng	97
18) Hexachloroethane	8.792	117	29766	3.467	ng	100
19) n-Nitroso-di-n-propyla...	8.522	70	52737	3.477	ng	97
20) 3+4-Methylphenols	8.498	107	69987	3.153	ng	96
22) Acetophenone	8.539	105	110420	3.561	ng	# 97
24) Nitrobenzene	8.916	77	84464	3.623	ng	99
25) Isophorone	9.445	82	134384	3.258	ng	99
26) 2-Nitrophenol	9.633	139	30997	2.879	ng	94
27) 2,4-Dimethylphenol	9.698	122	27964	2.141	ng	98
28) bis(2-Chloroethoxy)met...	9.927	93	86229	3.304	ng	97
29) 2,4-Dichlorophenol	10.175	162	56113	2.987	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	73141	3.399	ng	99
31) Naphthalene	10.557	128	227430	3.432	ng	100
32) Benzoic acid	9.780	122	19396	1.334	ng	89
33) 4-Chloroaniline	10.686	127	76139	3.543	ng	97
34) Hexachlorobutadiene	10.845	225	44333	3.324	ng	99
35) Caprolactam	11.457	113	14578	2.389	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	57789	2.946	ng	100
37) 2-Methylnaphthalene	12.174	142	147799	3.338	ng	98
38) 1-Methylnaphthalene	12.398	142	138937	3.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	80810	3.477	ng	99
41) Hexachlorocyclopentadiene	12.527	237	15016	1.909	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	46138	2.991	ng	97

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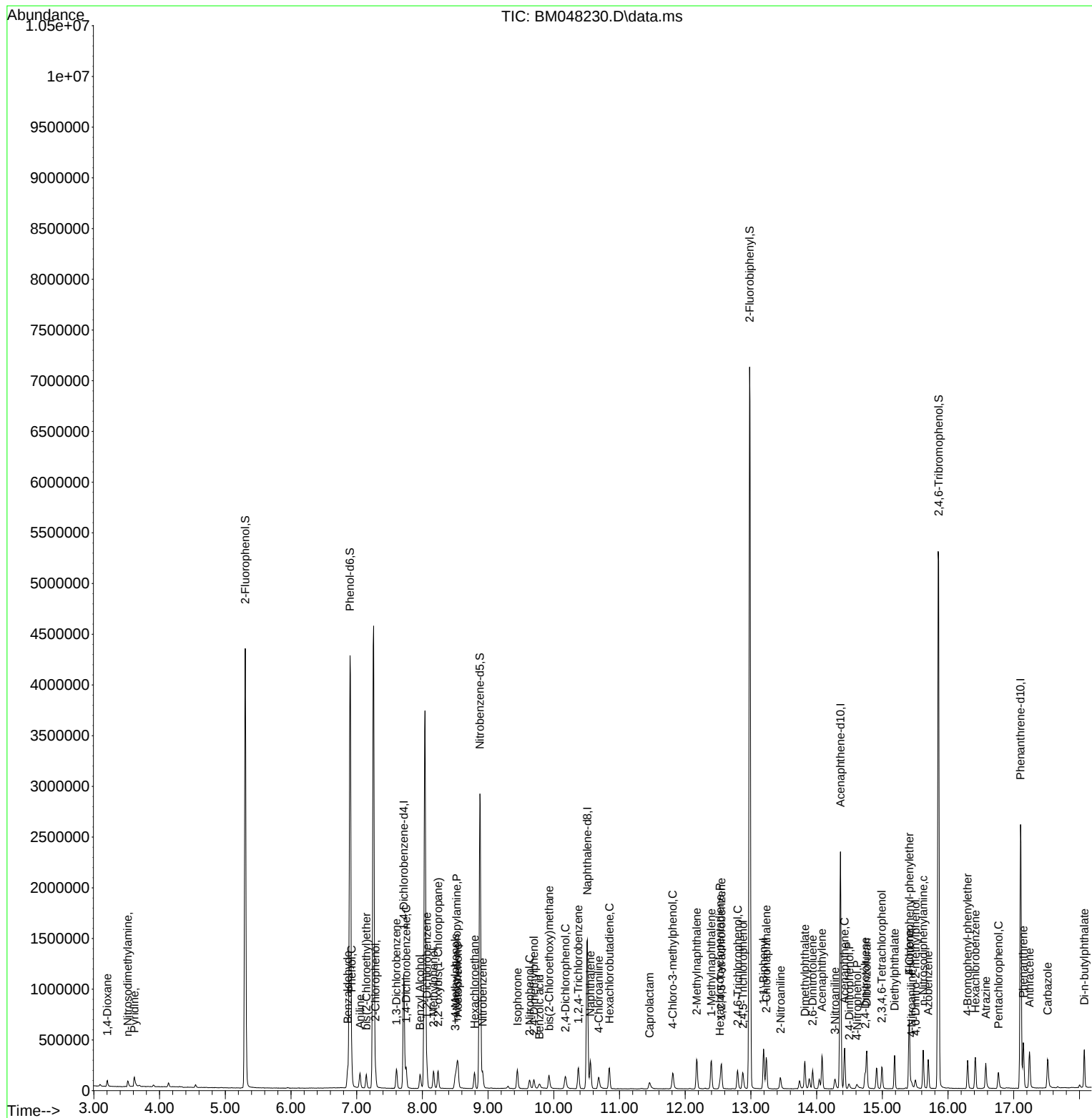
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	49973	2.905	ng	97
46) 1,1'-Biphenyl	13.192	154	210724	3.630	ng	100
47) 2-Chloronaphthalene	13.233	162	152725	3.336	ng	98
48) 2-Nitroaniline	13.451	65	35292	2.843	ng	95
49) Acenaphthylene	14.080	152	231620	3.468	ng	98
50) Dimethylphthalate	13.821	163	182328	3.285	ng	99
51) 2,6-Dinitrotoluene	13.939	165	33933	2.740	ng	90
52) Acenaphthene	14.427	154	140328	3.307	ng	100
53) 3-Nitroaniline	14.280	138	29849	2.555	ng	98
54) 2,4-Dinitrophenol	14.498	184	11590	1.601	ng	94
55) Dibenzofuran	14.762	168	232846	3.454	ng	98
56) 4-Nitrophenol	14.615	139	17872	1.714	ng	92
57) 2,4-Dinitrotoluene	14.739	165	41515	2.538	ng	97
58) Fluorene	15.409	166	178276	3.344	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	45415	3.186	ng	99
60) Diethylphthalate	15.186	149	173985	3.096	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	90651	3.401	ng	95
62) 4-Nitroaniline	15.445	138	24219	2.003	ng	93
63) Azobenzene	15.698	77	155881	3.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	18788	2.049	ng	97
66) n-Nitrosodiphenylamine	15.621	169	142969	3.296	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	53246	3.324	ng	96
68) Hexachlorobenzene	16.415	284	64042	3.329	ng	99
69) Atrazine	16.574	200	46436	3.826	ng	96
70) Pentachlorophenol	16.768	266	32062	2.538	ng	96
71) Phenanthrene	17.145	178	277589	3.548	ng	99
72) Anthracene	17.239	178	242866	3.207	ng	99
73) Carbazole	17.515	167	225143	3.032	ng	98
74) Di-n-butylphthalate	18.074	149	265228	2.870	ng	100
75) Fluoranthene	19.162	202	286002	3.065	ng	100
77) Benzdine	19.356	184	41041	2.672	ng	98
78) Pyrene	19.527	202	298376	3.350	ng	100
80) Butylbenzylphthalate	20.421	149	102698	2.757	ng	94
81) Benzo(a)anthracene	21.309	228	287913	3.385	ng	100
82) 3,3'-Dichlorobenzidine	21.244	252	81632	2.802	ng	99
83) Chrysene	21.374	228	281400	3.447	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	149958	2.770	ng	99
85) Di-n-octyl phthalate	22.344	149	219031	2.336	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	287625	3.136	ng	99
88) Benzo(b)fluoranthene	23.344	252	261683	3.290	ng	99
89) Benzo(k)fluoranthene	23.409	252	266095	3.460	ng	98
90) Benzo(a)pyrene	24.138	252	224454	3.246	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	238789	3.126	ng	98
92) Benzo(g,h,i)perylene	28.638	276	232608	2.974	ng	98

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

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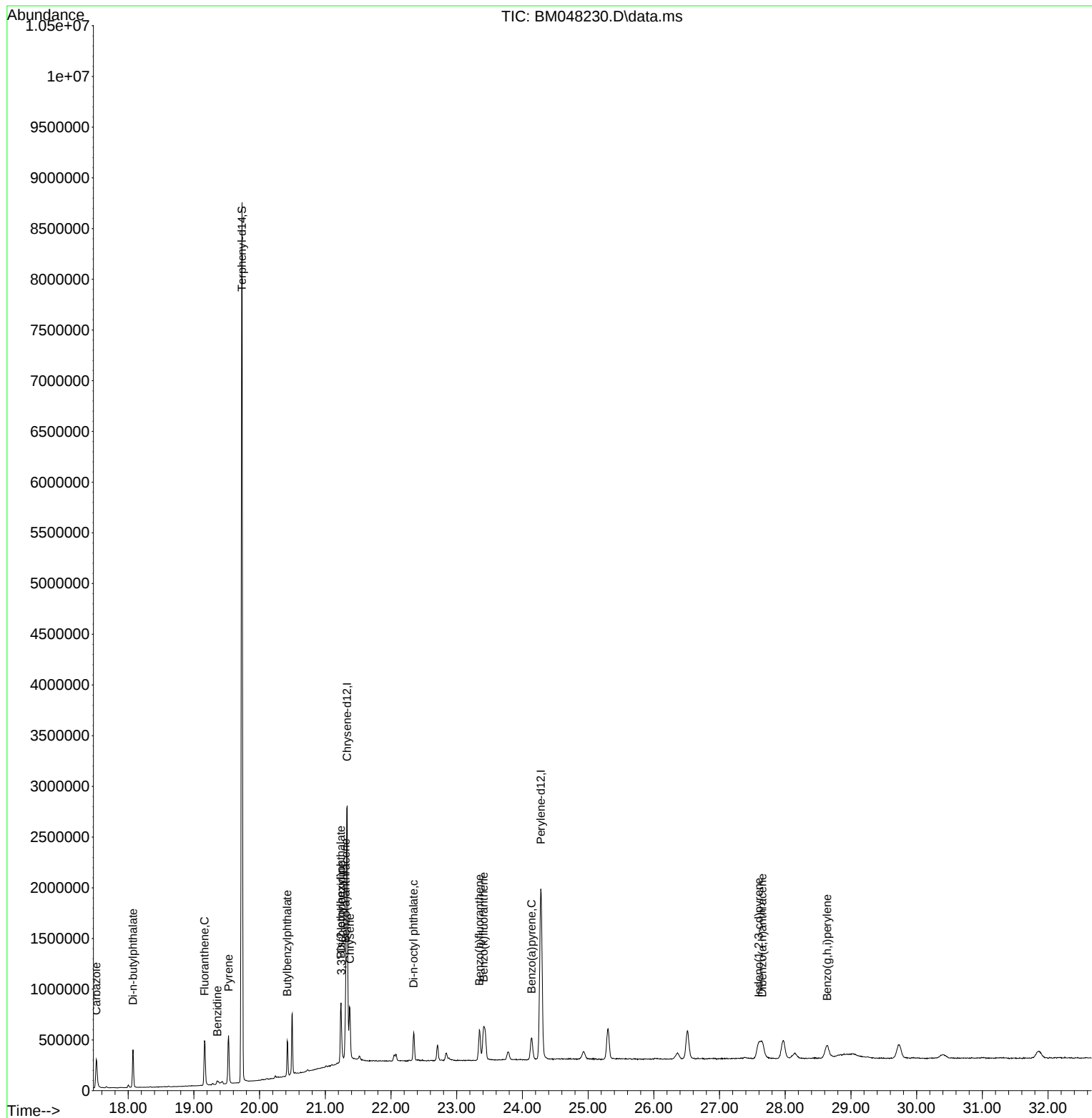
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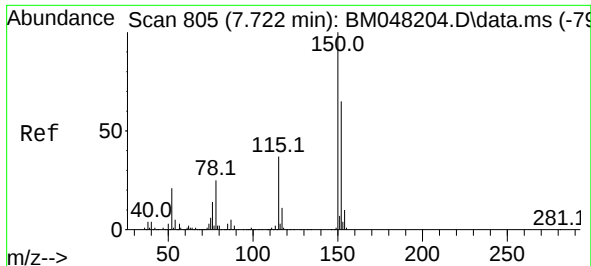


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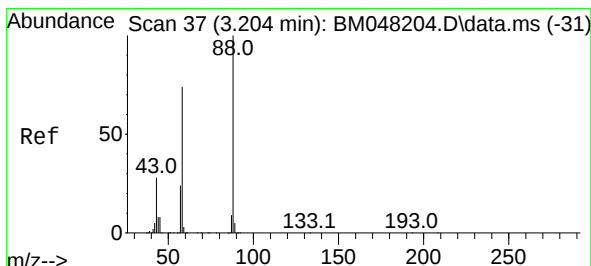
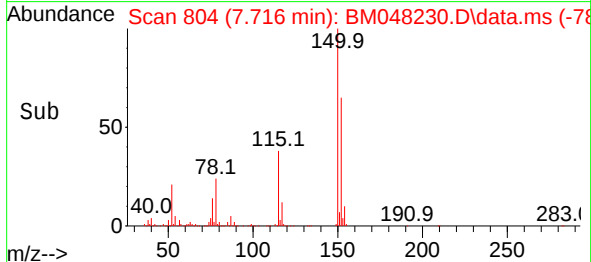
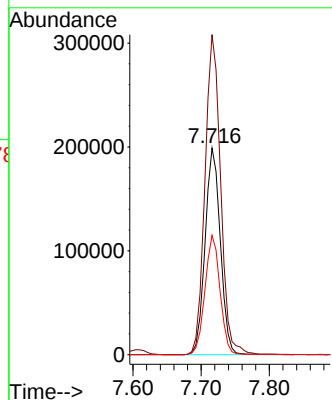
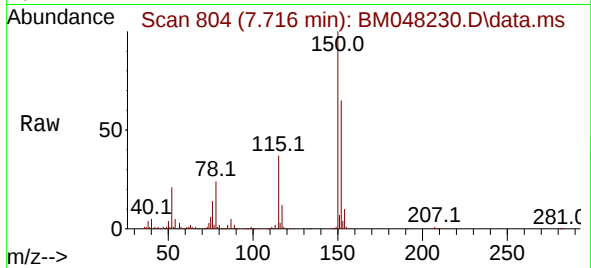




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

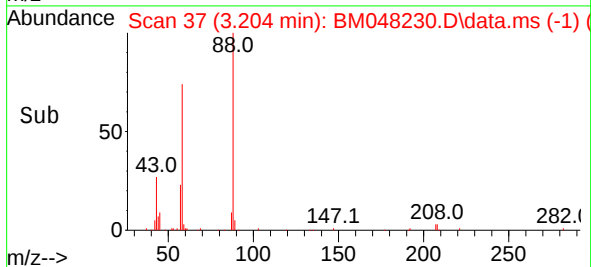
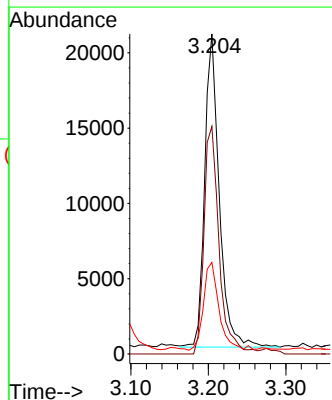
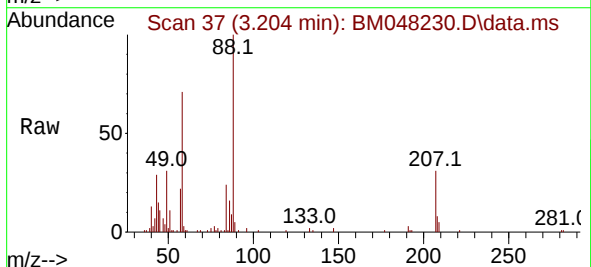
Instrument :
BNA_M
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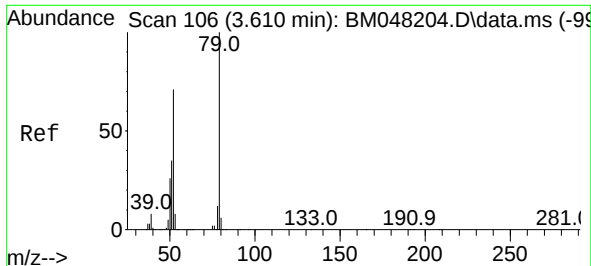
Tgt Ion:152 Resp: 309405
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.6
115 57.8 45.8 68.6



#2
1,4-Dioxane
Concen: 3.604 ng
RT: 3.204 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 88 Resp: 27154
Ion Ratio Lower Upper
88 100
58 75.5 59.7 89.5
43 29.8 22.6 33.8





#3

Pyridine

Concen: 2.876 ng

RT: 3.616 min Scan# 106

Delta R.T. 0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

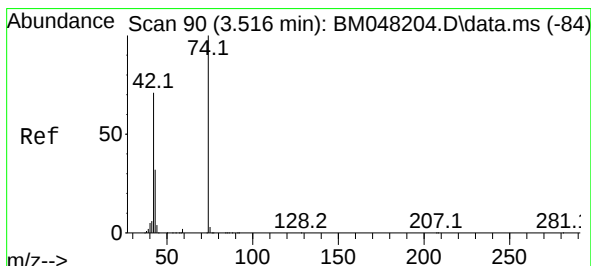
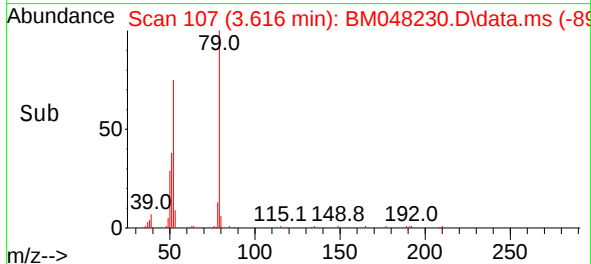
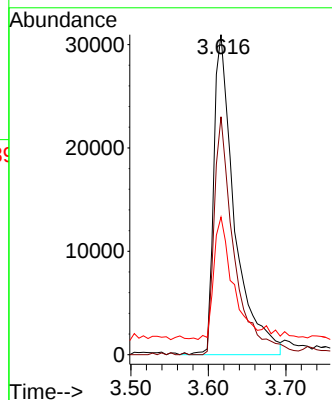
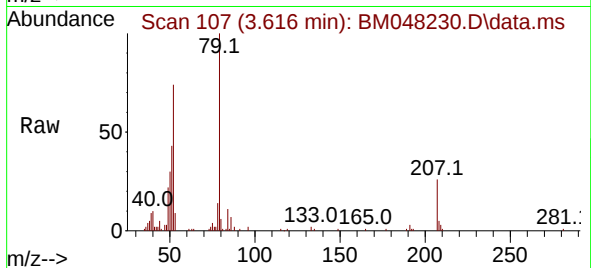
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 79	Resp: 57564
Ion Ratio	Lower Upper
79 100	
52 74.4	56.5 84.7
51 43.0	28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 3.427 ng

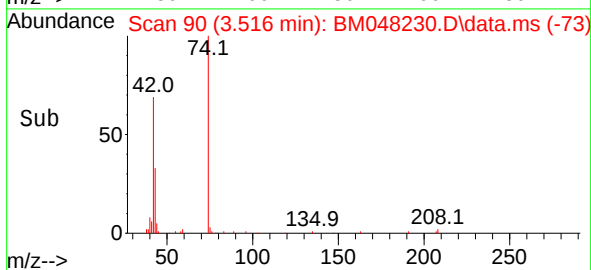
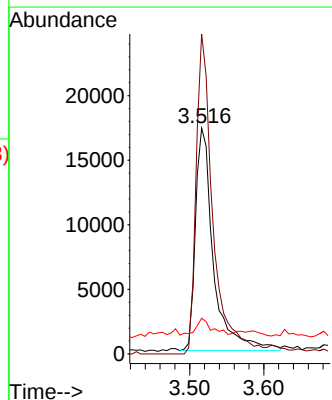
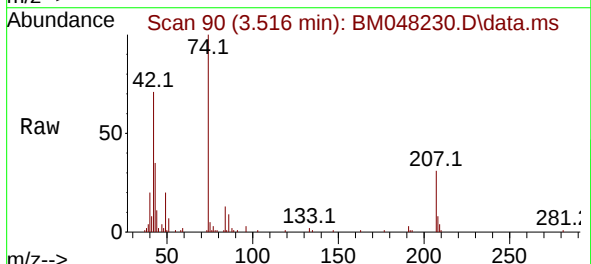
RT: 3.516 min Scan# 90

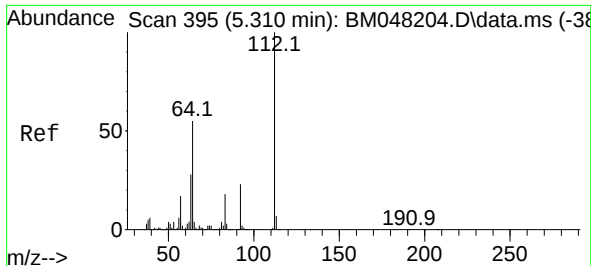
Delta R.T. 0.000 min

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Tgt Ion: 42	Resp: 29121
Ion Ratio	Lower Upper
42 100	
74 141.7	111.8 167.6
44 15.8	6.0 9.0

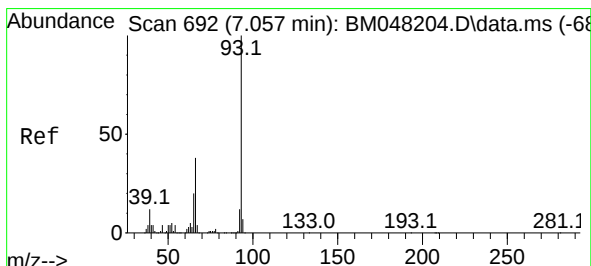
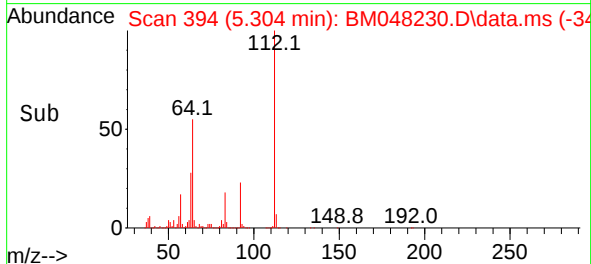
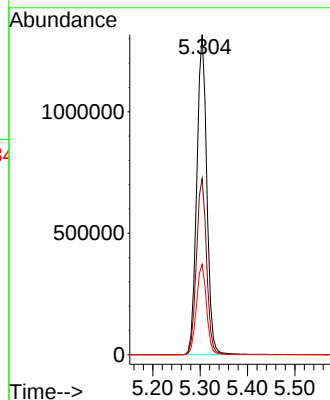
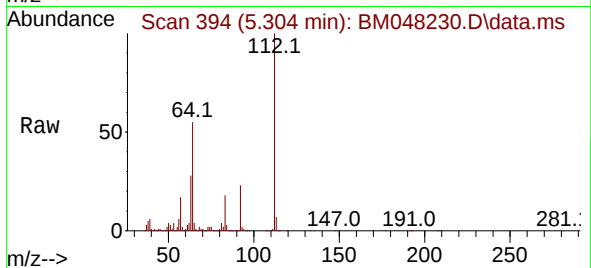




#5
2-Fluorophenol
Concen: 105.477 ng
RT: 5.304 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM048230.D
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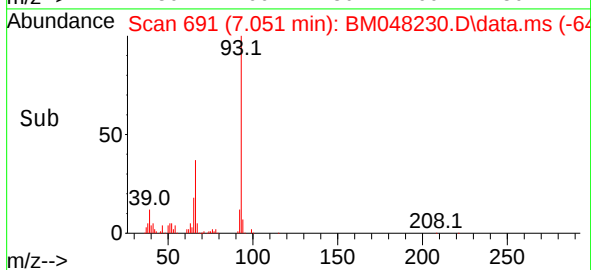
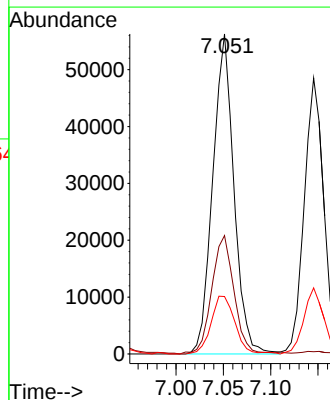
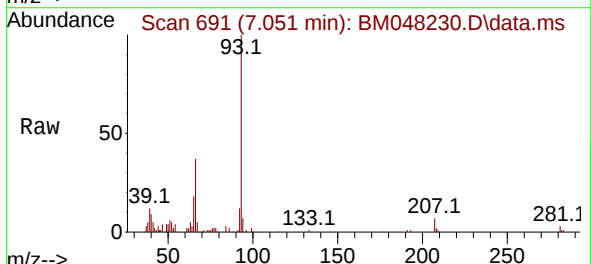
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BNA_M
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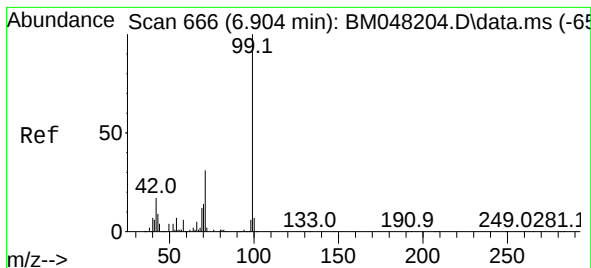
Tgt Ion:112 Resp: 1941479
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.2
63 28.3 22.7 34.1



#6
Aniline
Concen: 4.394 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 93 Resp: 87434
Ion Ratio Lower Upper
93 100
66 37.0 30.2 45.2
65 18.0 16.2 24.2





#7

Phenol-d6

Concen: 107.369 ng

RT: 6.898 min Scan# 6

Delta R.T. -0.006 min

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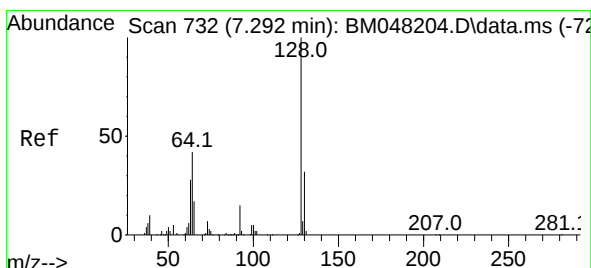
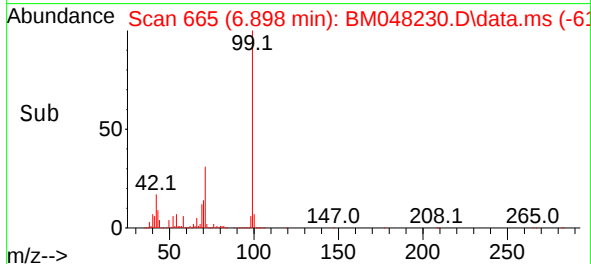
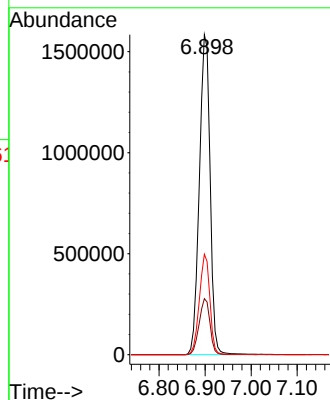
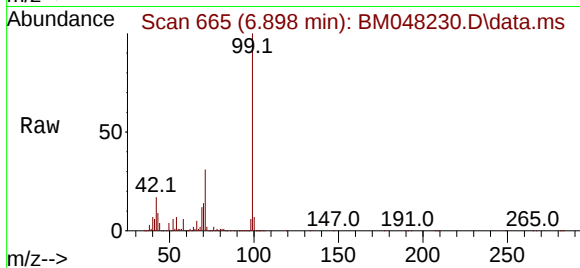
Tgt Ion: 99 Resp: 2573785

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

71 31.4 24.9 37.3



#8

2-Chlorophenol

Concen: 3.612 ng

RT: 7.286 min Scan# 731

Delta R.T. -0.006 min

Lab File: BM048230.D

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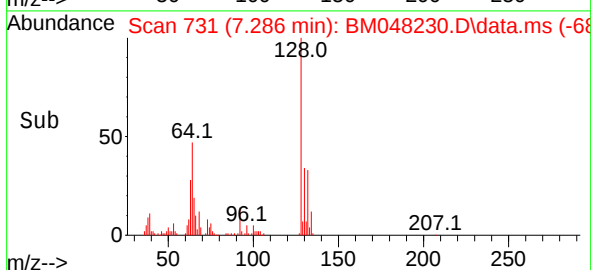
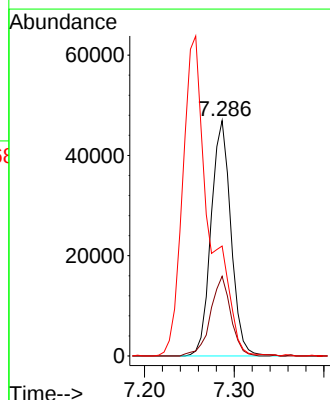
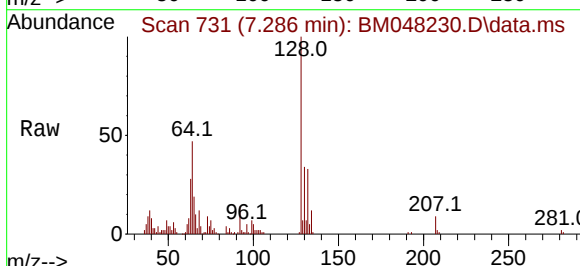
Tgt Ion: 128 Resp: 72231

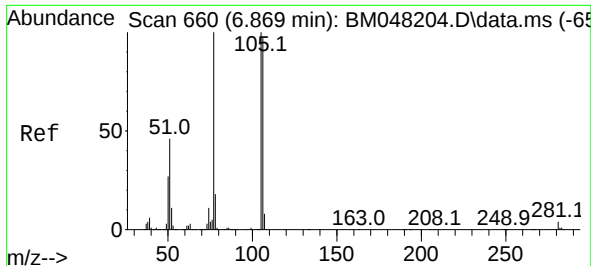
Ion Ratio Lower Upper

128 100

130 33.8 12.1 52.1

64 46.7 23.8 63.8

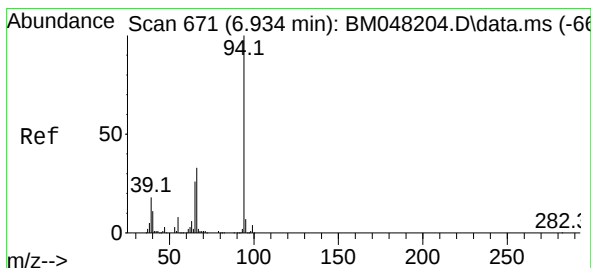
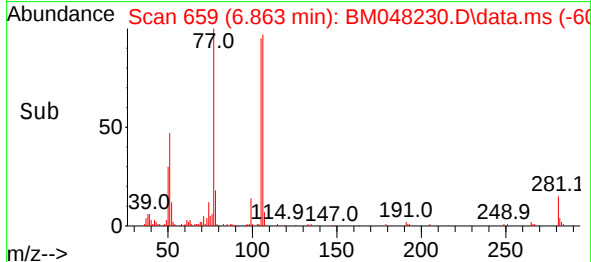
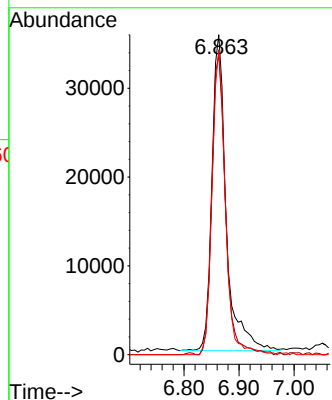
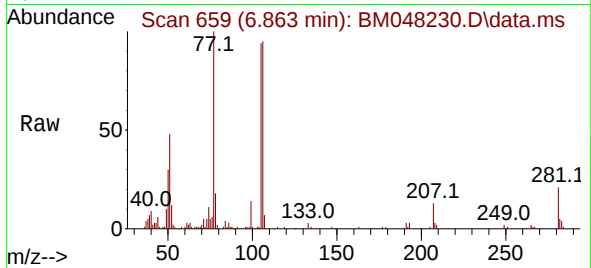




#9
Benzaldehyde
Concen: 5.495 ng
RT: 6.863 min Scan# 610
Delta R.T. -0.006 min
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Acq: 25 Oct 2024 10:07

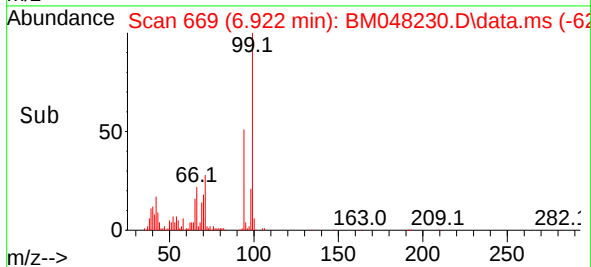
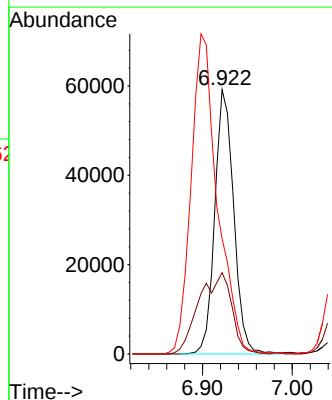
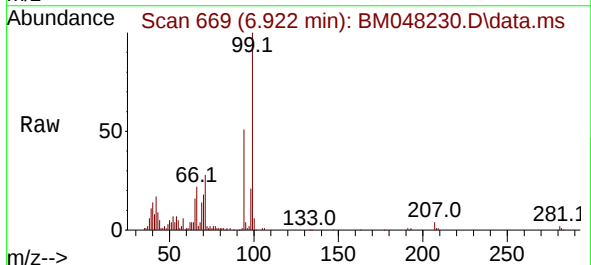
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

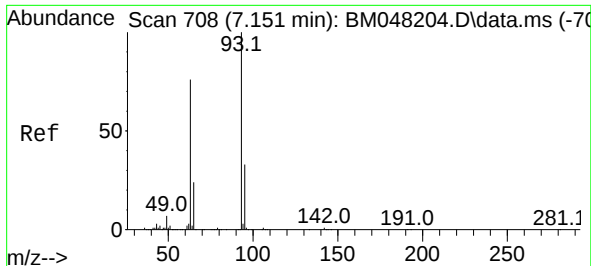
Tgt Ion: 77 Resp: 64714
Ion Ratio Lower Upper
77 100
105 93.8 79.6 119.6
106 95.3 77.0 117.0



#10
Phenol
Concen: 3.599 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 94 Resp: 86808
Ion Ratio Lower Upper
94 100
65 30.7 6.5 46.5
66 43.4 13.6 53.6

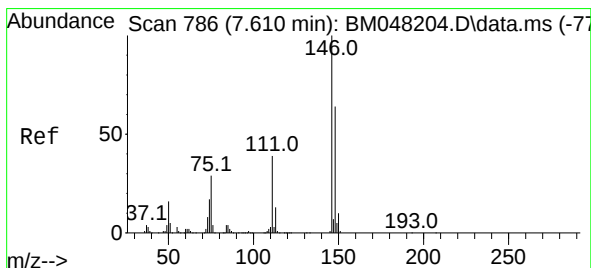
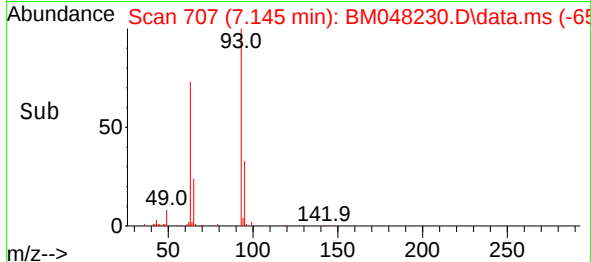
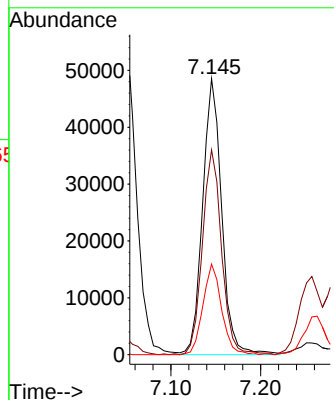
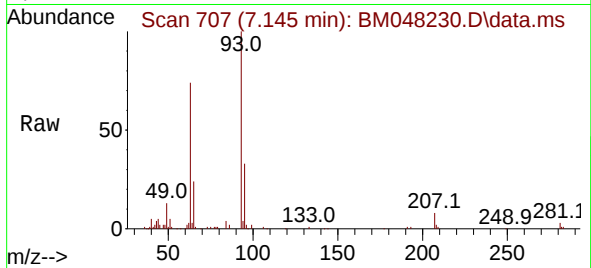




#11
bis(2-Chloroethyl)ether
Concen: 3.732 ng
RT: 7.145 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

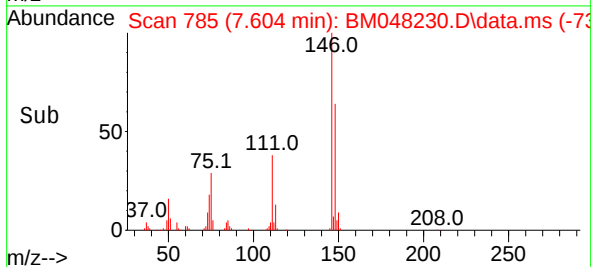
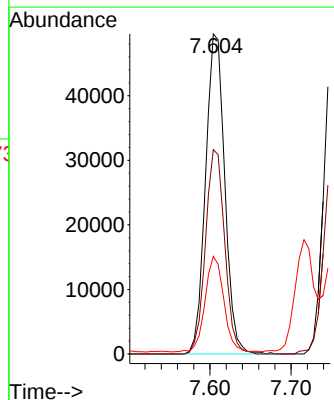
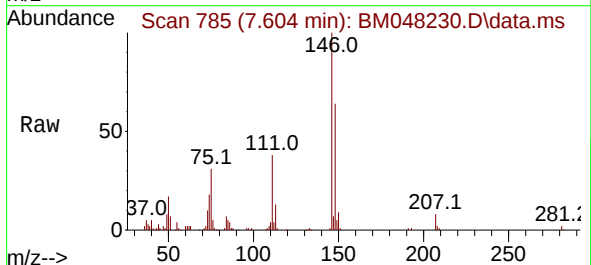
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2024

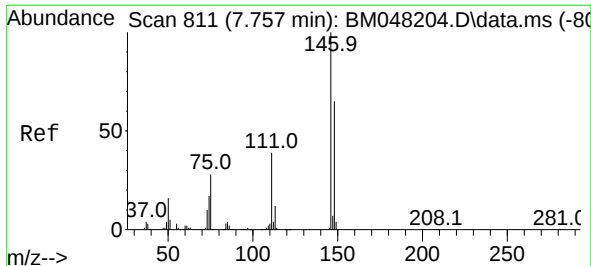
Tgt Ion: 93 Resp: 71685
Ion Ratio Lower Upper
93 100
63 74.2 55.3 95.3
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 3.527 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:146 Resp: 81320
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 30.5 22.9 34.3

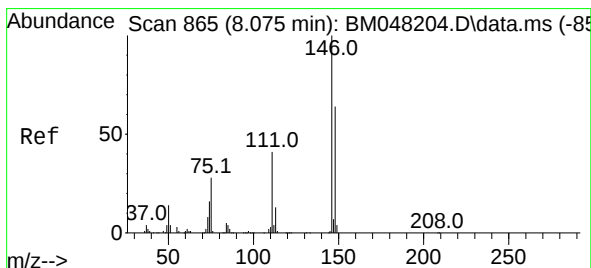
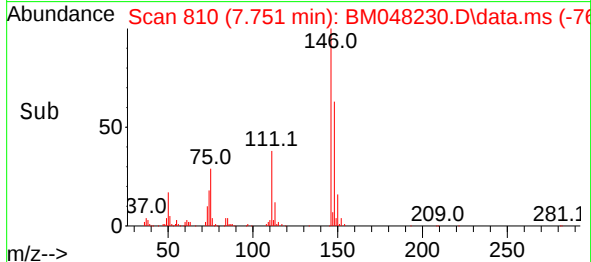
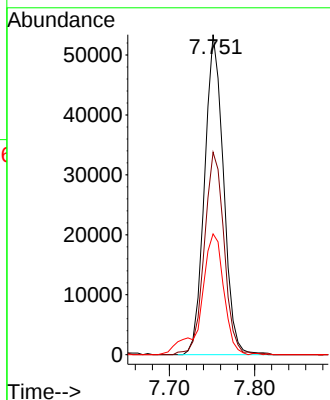
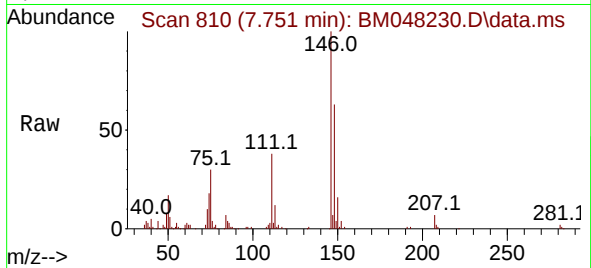




#13
1,4-Dichlorobenzene
Concen: 3.521 ng
RT: 7.751 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

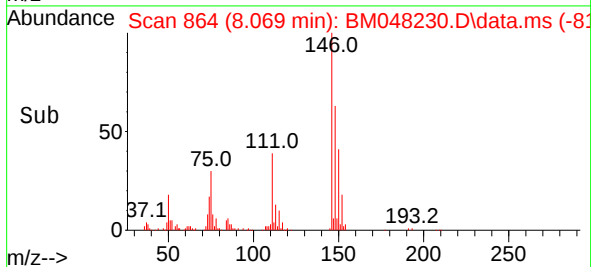
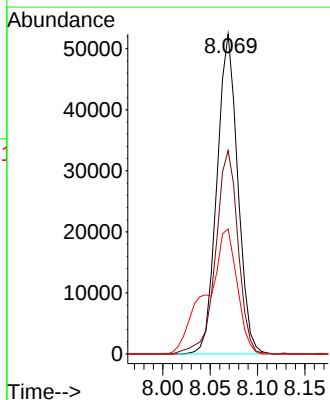
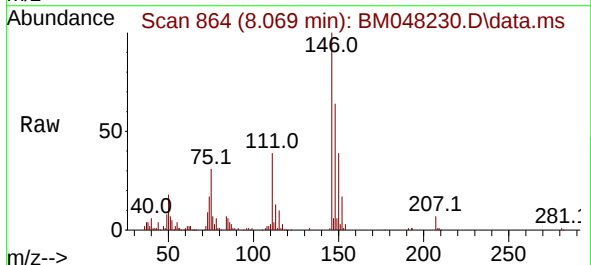
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

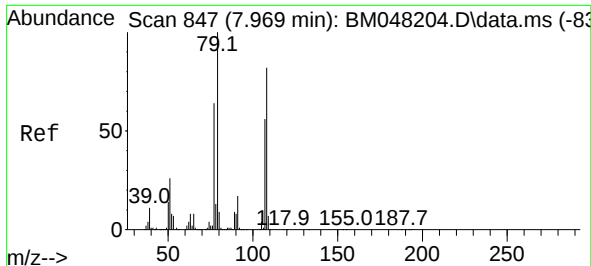
Tgt Ion:146 Resp: 82479
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 37.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 3.539 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:146 Resp: 80110
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 39.1 32.7 49.1

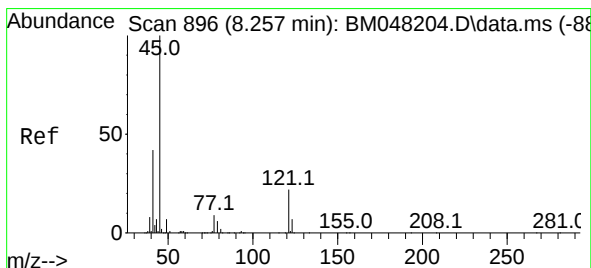
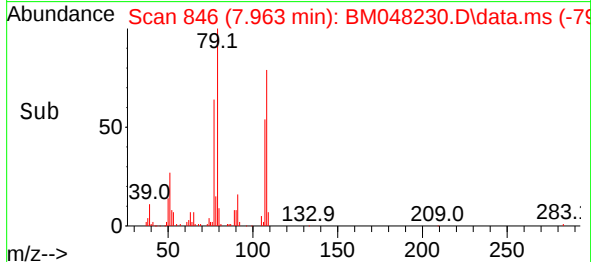
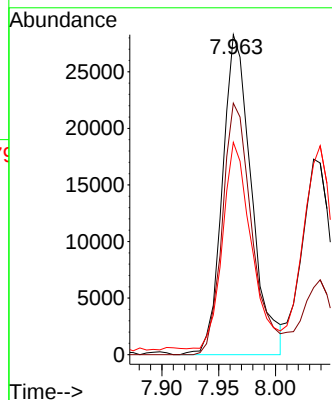
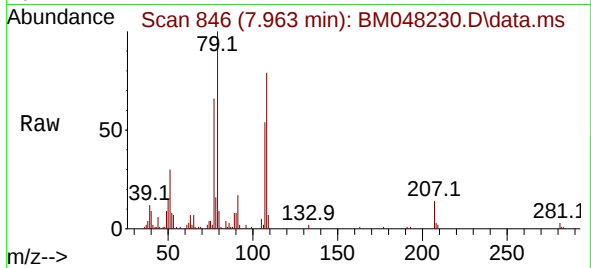




#15
Benzyl Alcohol
Concen: 3.300 ng
RT: 7.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

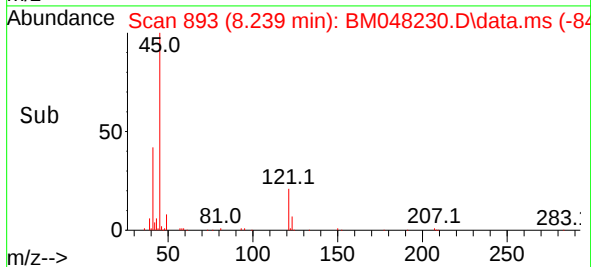
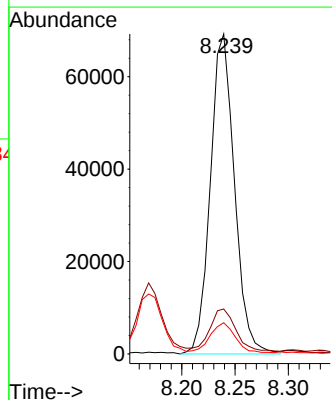
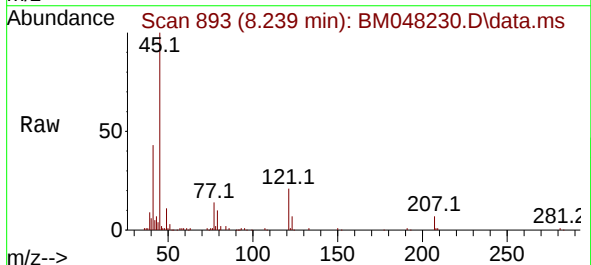
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

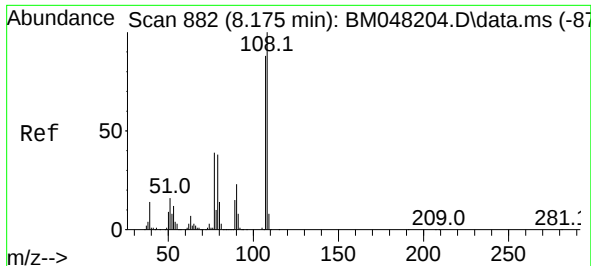
Tgt Ion: 79 Resp: 50469
Ion Ratio Lower Upper
79 100
108 78.6 65.2 97.8
77 66.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.876 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 45 Resp: 108893
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 9.8 0.0 30.7

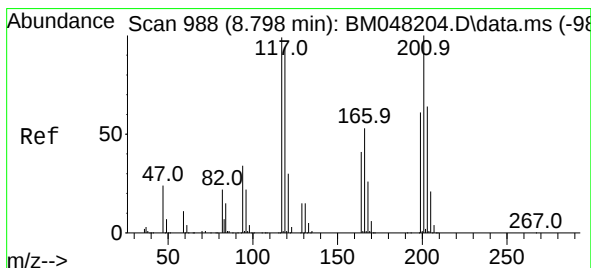
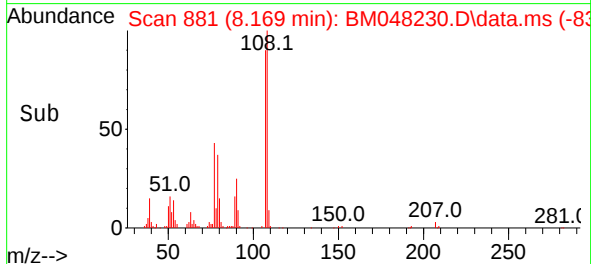
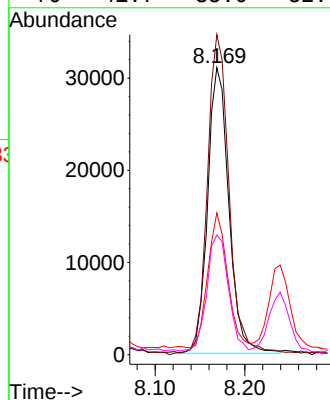
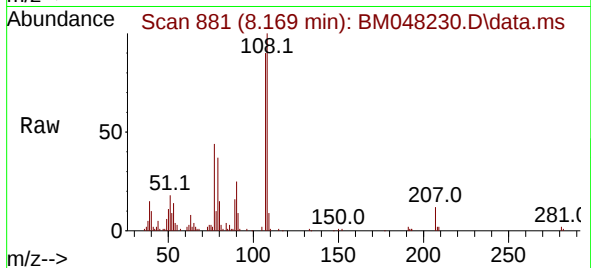




#17
2-Methylphenol
Concen: 3.177 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

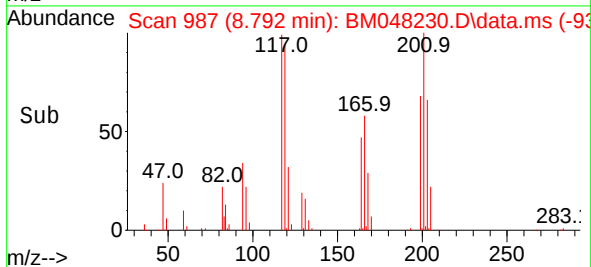
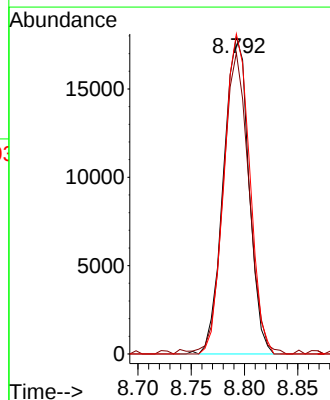
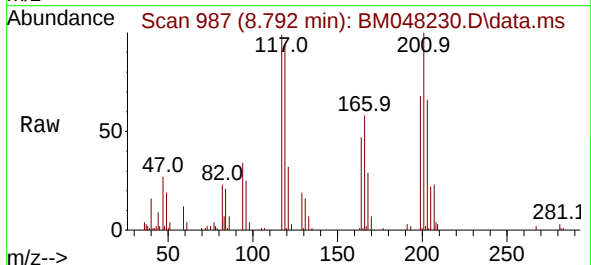
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

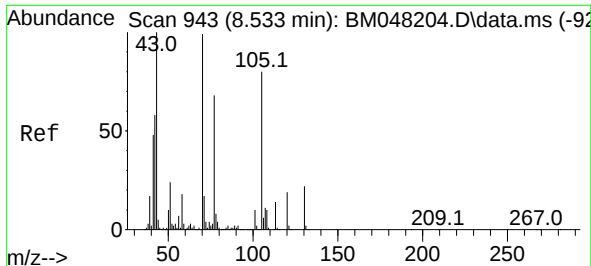
Tgt Ion:	107	Resp:	50918
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.3	136.9
77	49.4	36.2	54.2
79	41.7	35.0	52.6



#18
Hexachloroethane
Concen: 3.467 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:	117	Resp:	29766
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.5	114.7
201	100.8	80.9	121.3

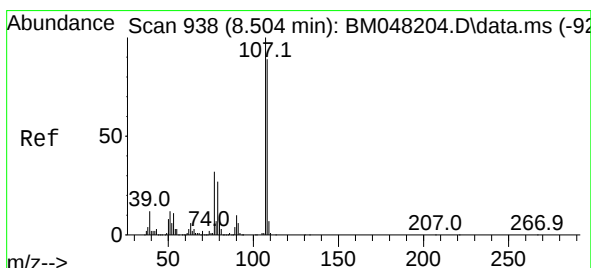
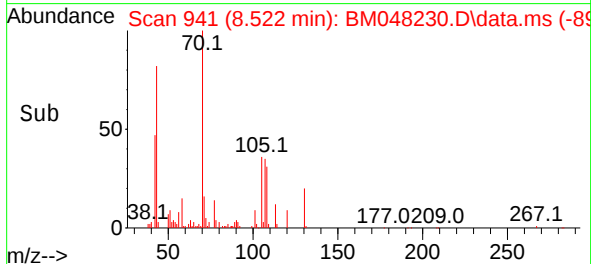
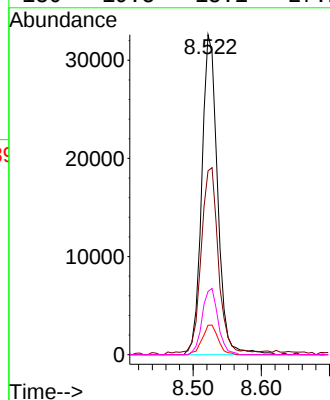
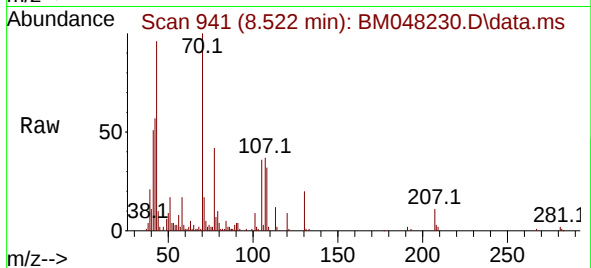




#19
n-Nitroso-di-n-propylamine
Concen: 3.477 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

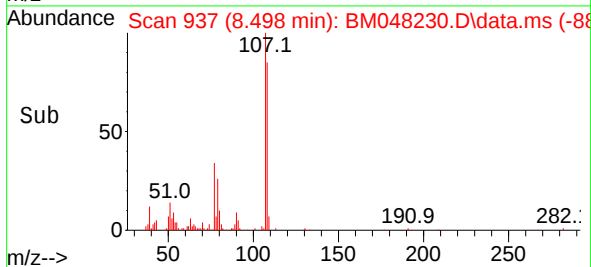
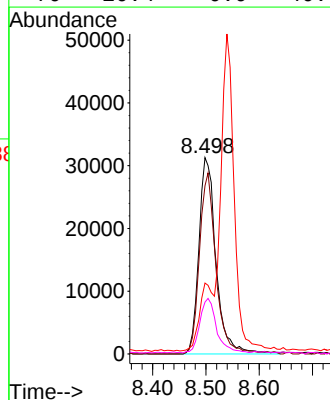
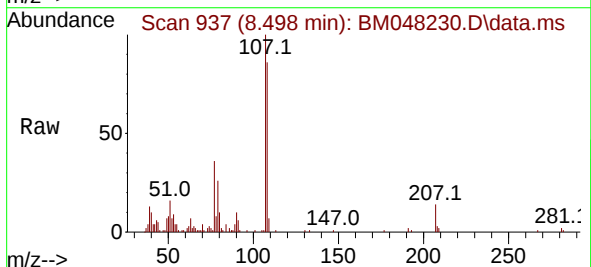
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

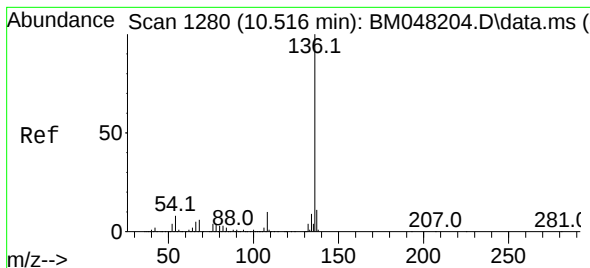
Tgt Ion: 70 Resp: 52737
Ion Ratio Lower Upper
70 100
42 57.5 47.0 70.6
101 9.2 7.8 11.6
130 19.8 18.1 27.1



#20
3+4-Methylphenols
Concen: 3.153 ng
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 107 Resp: 69987
Ion Ratio Lower Upper
107 100
108 85.7 69.0 109.0
77 36.2 12.3 52.3
79 26.4 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: BM048230.D

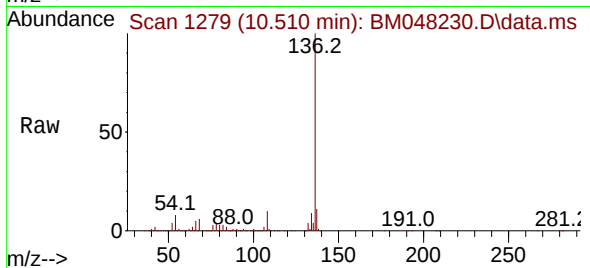
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:136 Resp: 1270558

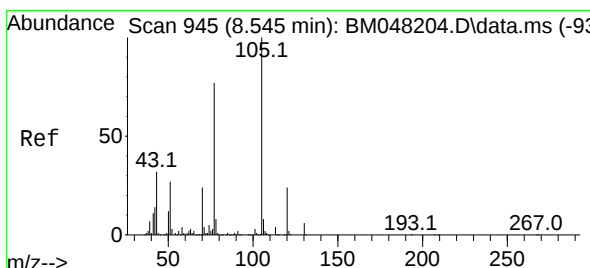
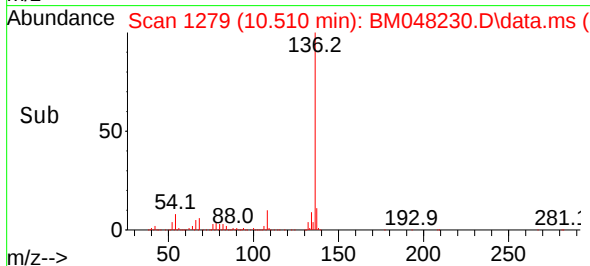
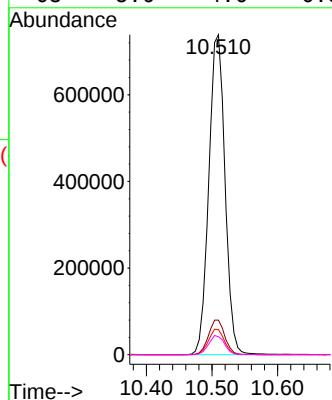
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.5 9.7

68 5.6 4.6 6.8



#22

Acetophenone

Concen: 3.561 ng

RT: 8.539 min Scan# 944

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:105 Resp: 110420

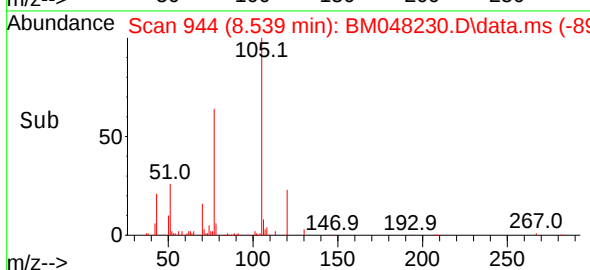
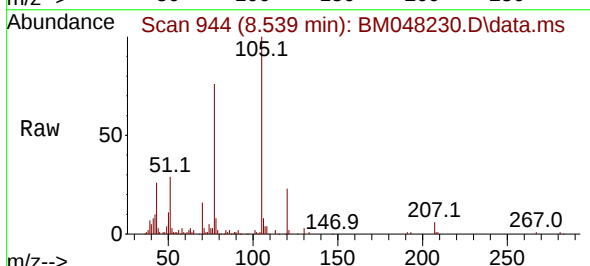
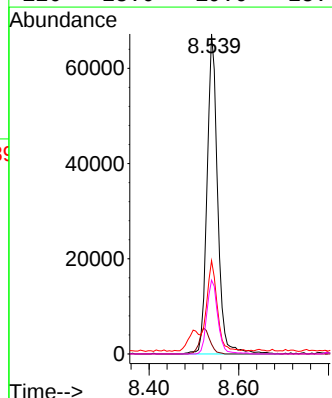
Ion Ratio Lower Upper

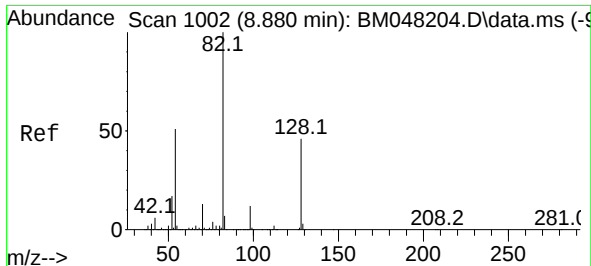
105 100

71 3.1 3.4 5.0#

51 29.1 21.7 32.5

120 23.0 19.0 28.4





#23

Nitrobenzene-d5

Concen: 75.034 ng

RT: 8.875 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

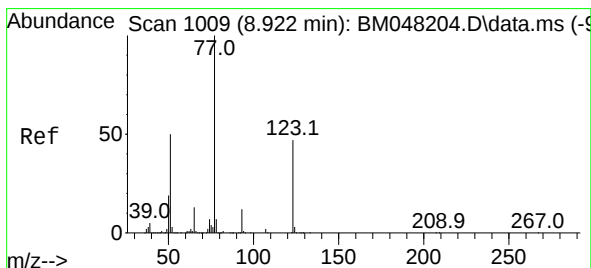
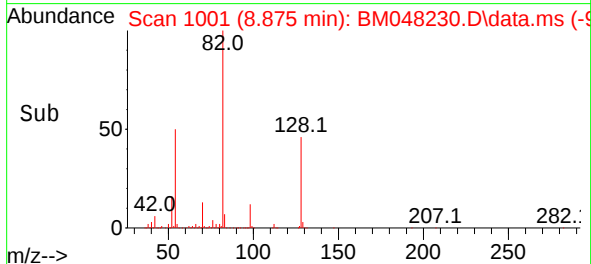
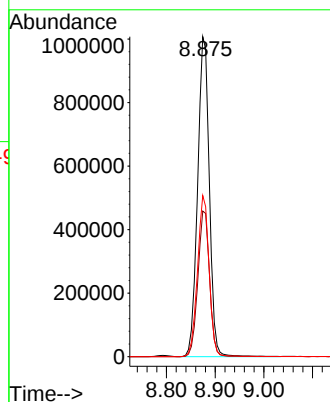
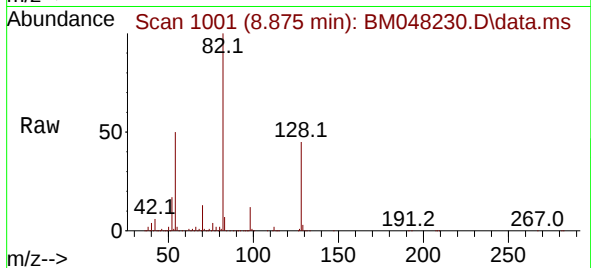
Tgt Ion: 82 Resp: 1688458

Ion Ratio Lower Upper

82 100

128 45.5 36.6 54.8

54 50.4 41.0 61.4



#24

Nitrobenzene

Concen: 3.623 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

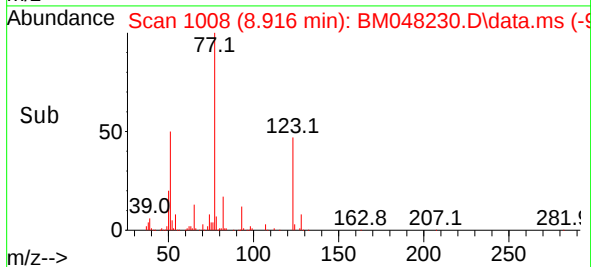
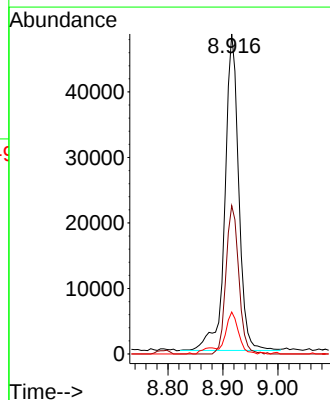
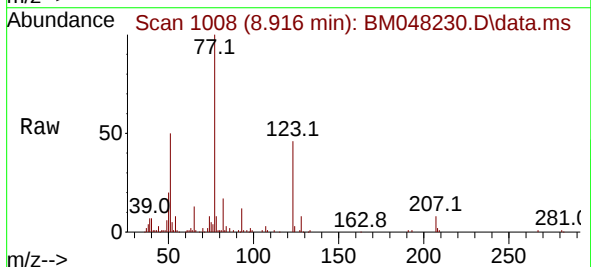
Tgt Ion: 77 Resp: 84464

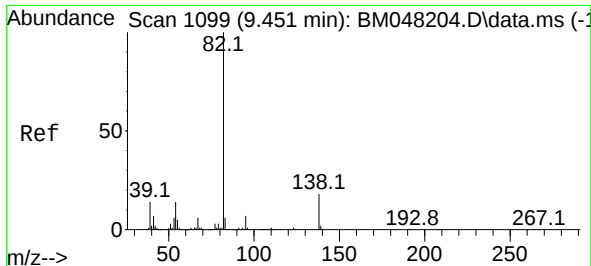
Ion Ratio Lower Upper

77 100

123 46.3 37.8 56.6

65 13.1 10.4 15.6

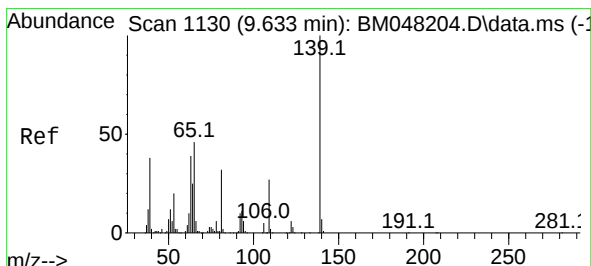
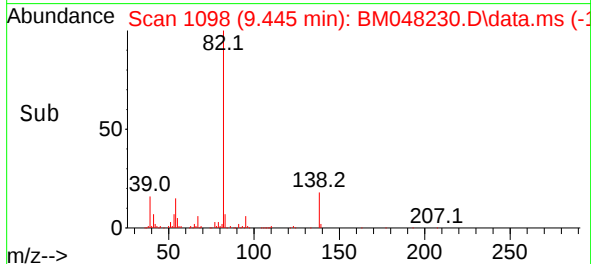
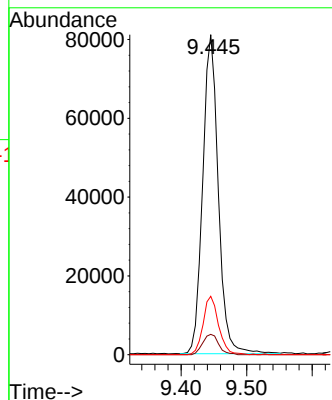
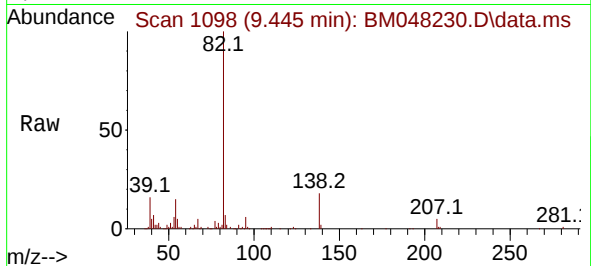




#25
Isophorone
Concen: 3.258 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

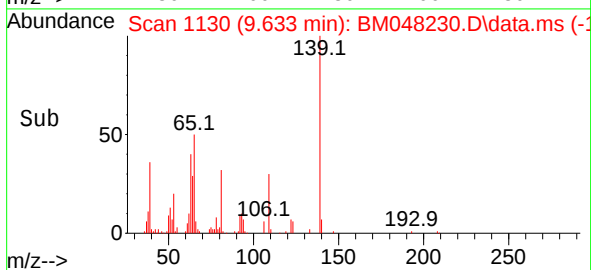
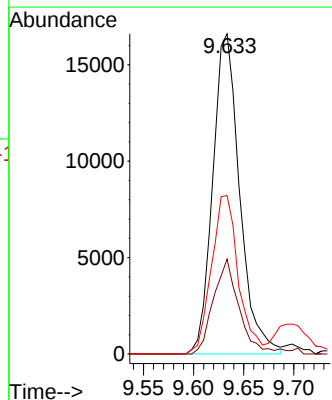
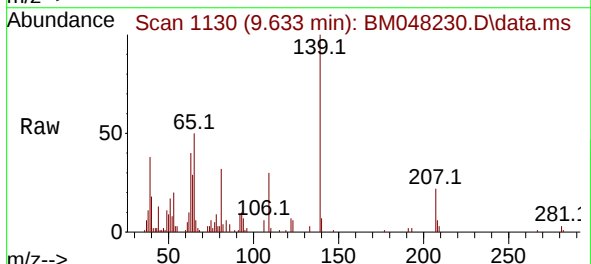
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2024

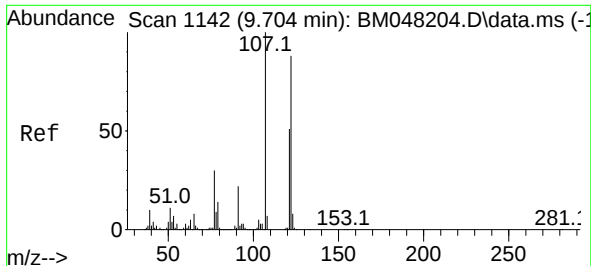
Tgt Ion: 82 Resp: 134384
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.3 14.3 21.5



#26
2-Nitrophenol
Concen: 2.879 ng
RT: 9.633 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:139 Resp: 30997
Ion Ratio Lower Upper
139 100
109 29.6 21.2 31.8
65 49.5 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 2.141 ng

RT: 9.698 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BM048230.D

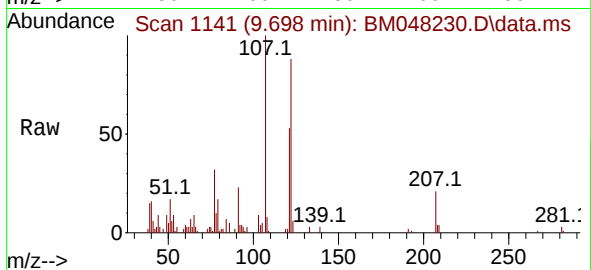
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



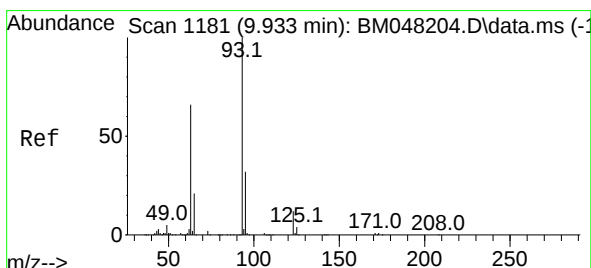
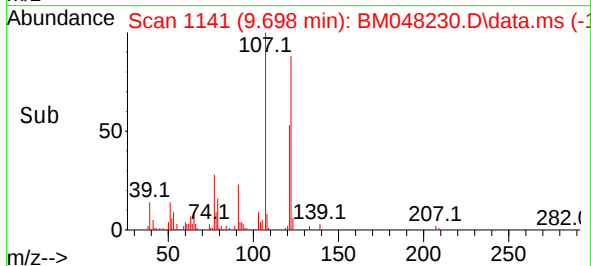
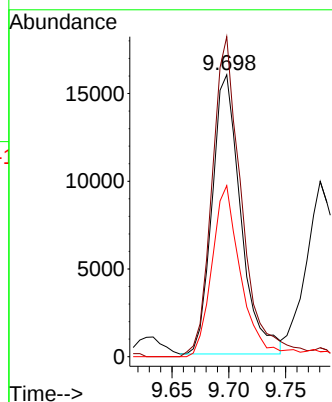
Tgt Ion:122 Resp: 27964

Ion Ratio Lower Upper

122 100

107 113.5 91.0 136.6

121 60.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.304 ng

RT: 9.927 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

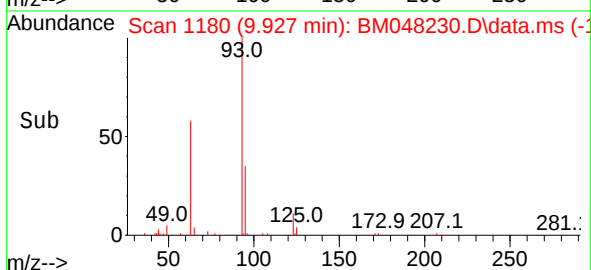
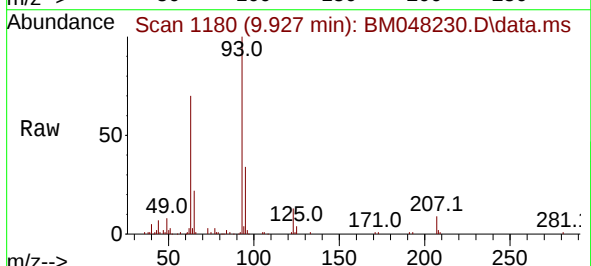
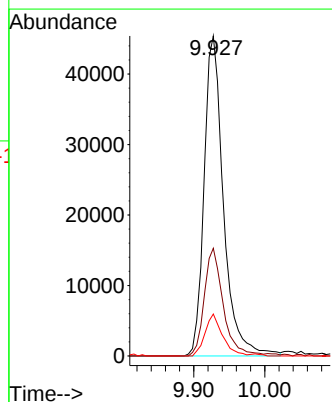
Tgt Ion: 93 Resp: 86229

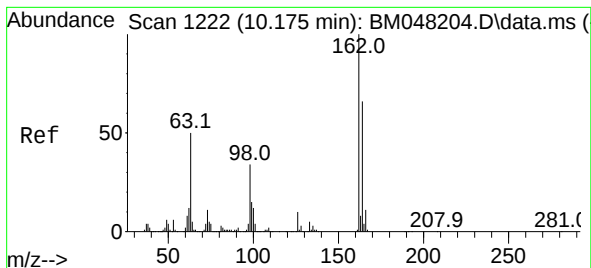
Ion Ratio Lower Upper

93 100

95 33.6 25.3 37.9

123 13.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 2.987 ng

RT: 10.175 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

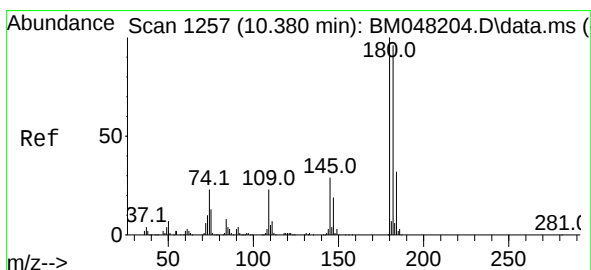
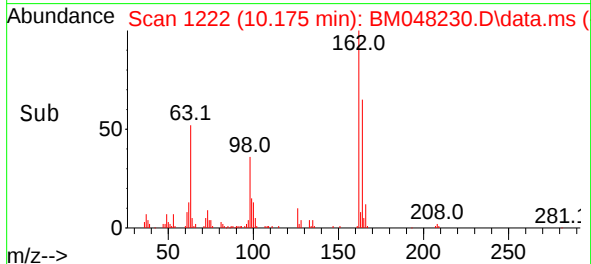
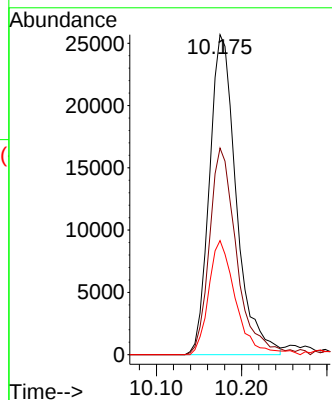
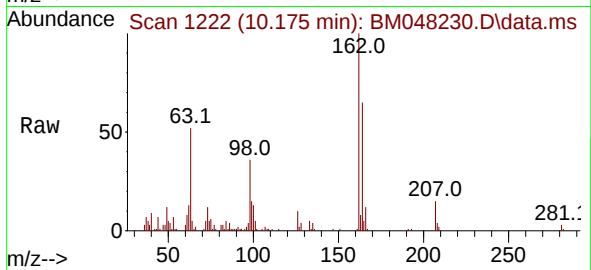
Tgt Ion:162 Resp: 56113

Ion Ratio Lower Upper

162 100

164 64.5 46.0 86.0

98 35.7 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 3.399 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

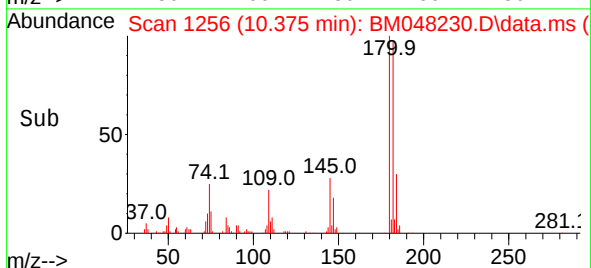
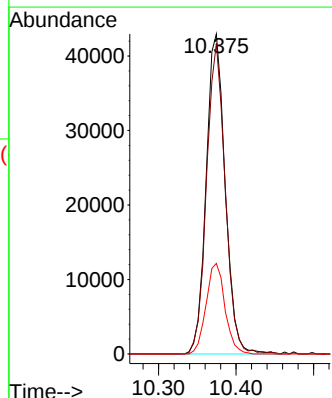
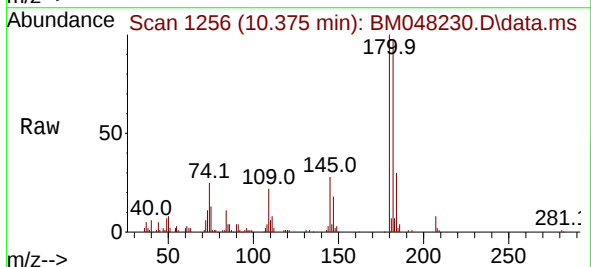
Tgt Ion:180 Resp: 73141

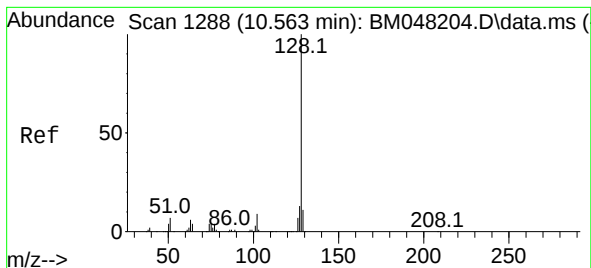
Ion Ratio Lower Upper

180 100

182 97.1 76.6 115.0

145 28.3 23.4 35.2





#31

Naphthalene

Concen: 3.432 ng

RT: 10.557 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

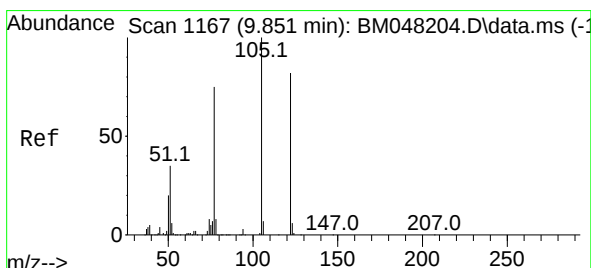
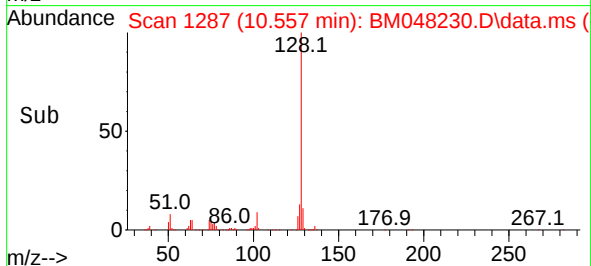
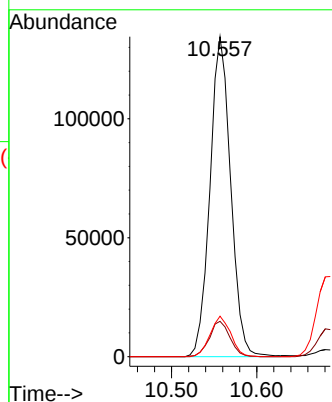
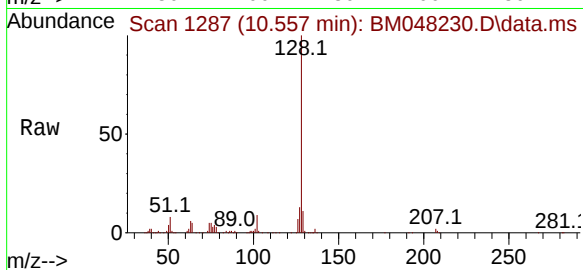
Tgt Ion:128 Resp: 227430

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.7 10.2 15.2



#32

Benzoic acid

Concen: 1.334 ng

RT: 9.780 min Scan# 1155

Delta R.T. -0.071 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

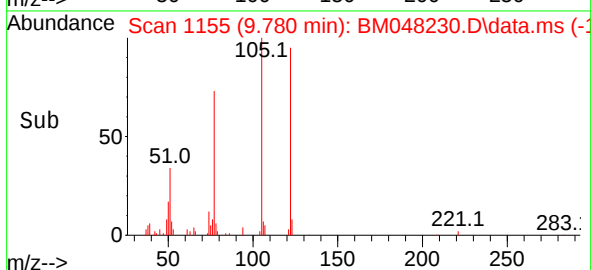
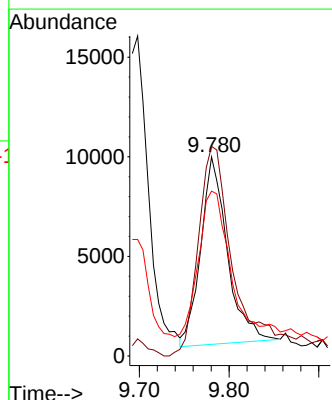
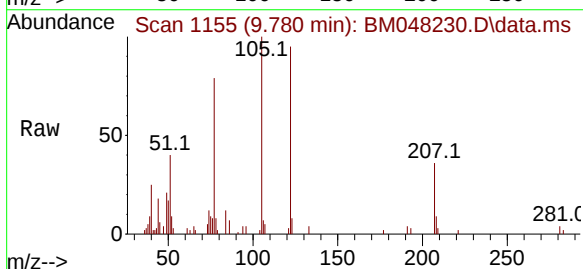
Tgt Ion:122 Resp: 19396

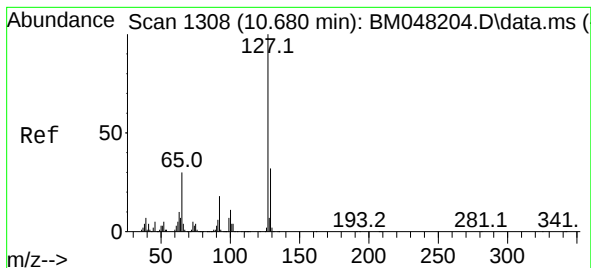
Ion Ratio Lower Upper

122 100

105 105.3 99.3 139.3

77 82.8 70.4 110.4





#33

4-Chloroaniline

Concen: 3.543 ng

RT: 10.686 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:127 Resp: 76139

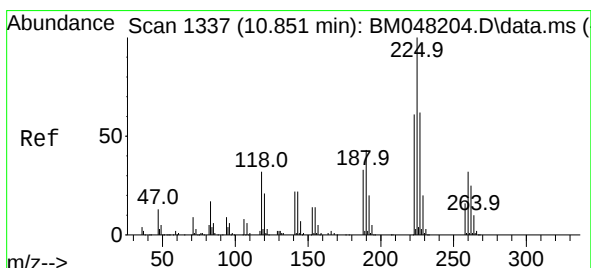
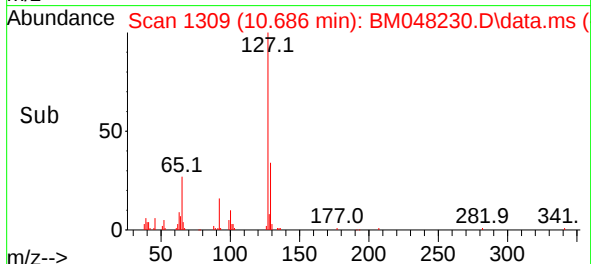
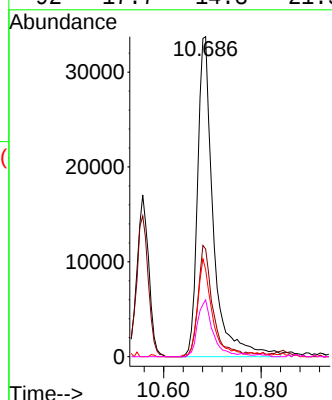
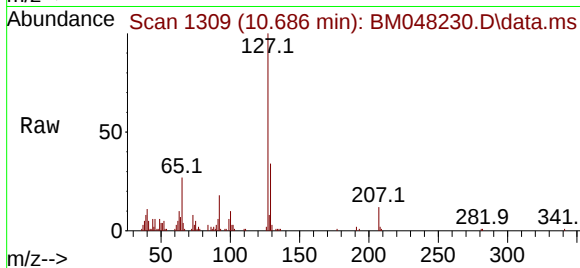
Ion Ratio Lower Upper

127 100

129 33.7 25.8 38.6

65 27.2 23.7 35.5

92 17.7 14.3 21.5



#34

Hexachlorobutadiene

Concen: 3.324 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

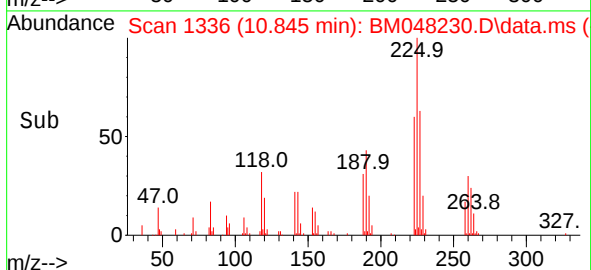
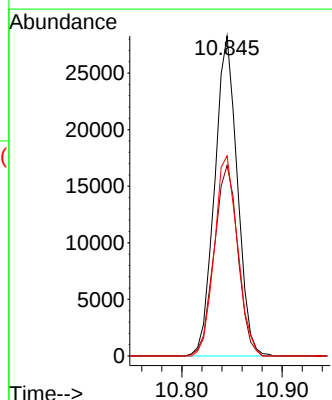
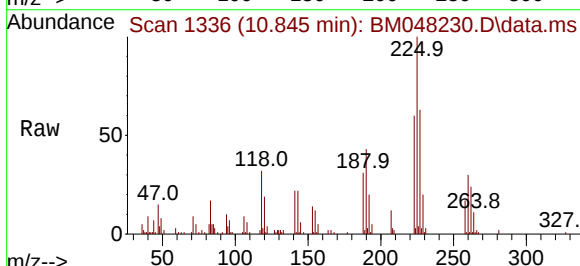
Tgt Ion:225 Resp: 44333

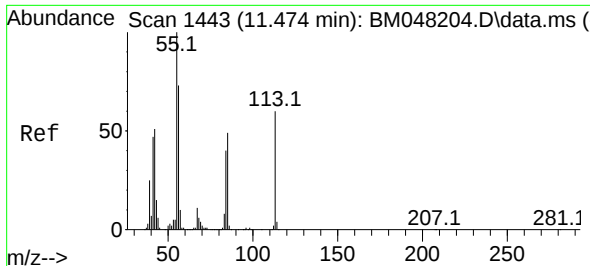
Ion Ratio Lower Upper

225 100

223 59.6 48.6 73.0

227 62.6 49.6 74.4

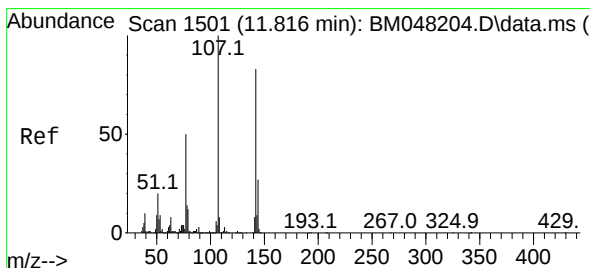
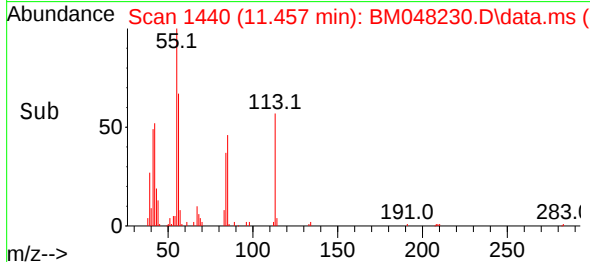
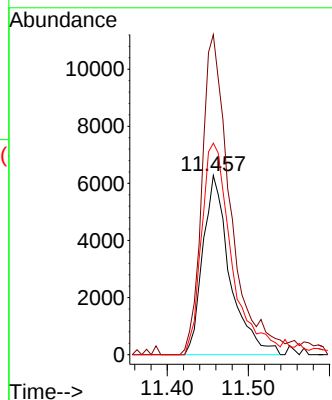
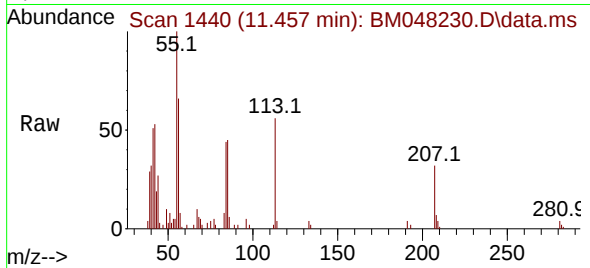




#35
Caprolactam
Concen: 2.389 ng
RT: 11.457 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

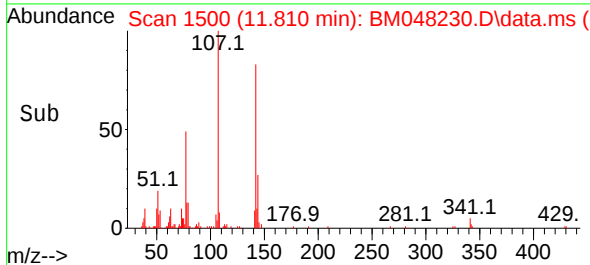
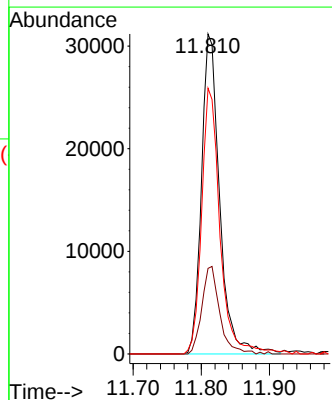
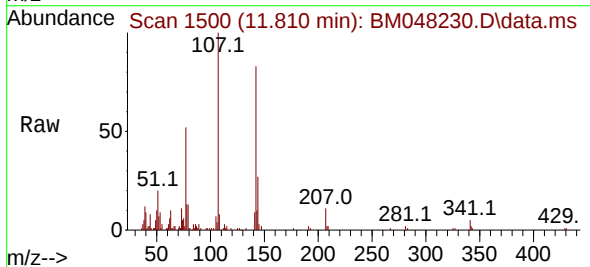
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

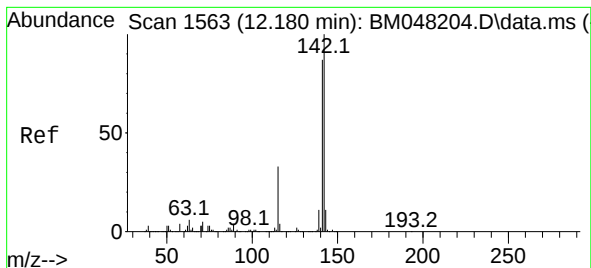
Tgt Ion:113 Resp: 14578
Ion Ratio Lower Upper
113 100
55 178.5 146.1 186.1
56 118.1 101.9 141.9



#36
4-Chloro-3-methylphenol
Concen: 2.946 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:107 Resp: 57789
Ion Ratio Lower Upper
107 100
144 26.7 21.5 32.3
142 83.0 66.8 100.2

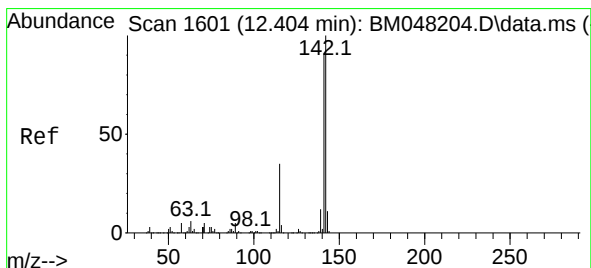
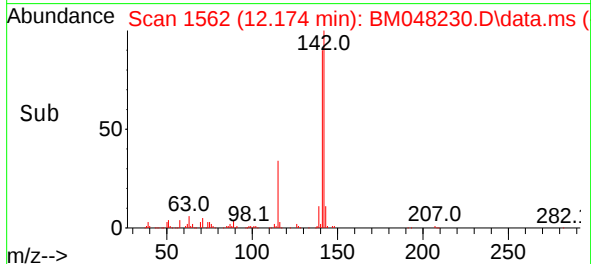
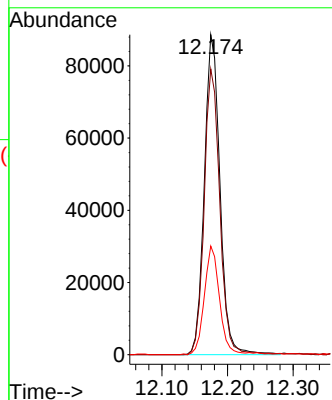
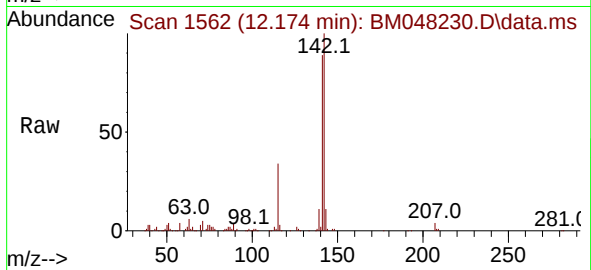




#37
2-Methylnaphthalene
Concen: 3.338 ng
RT: 12.174 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

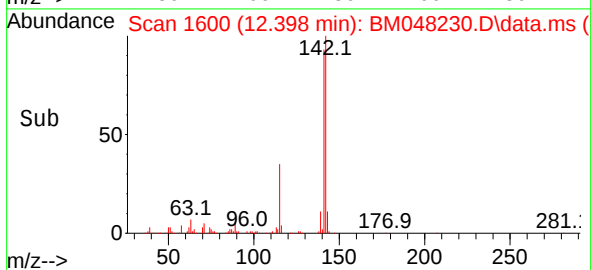
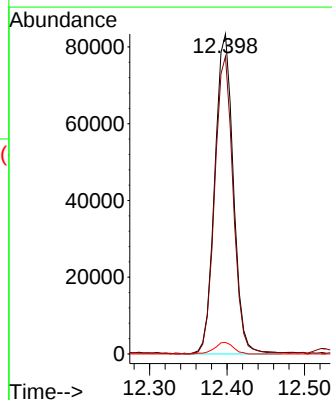
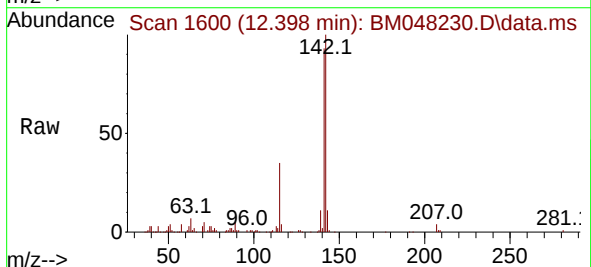
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

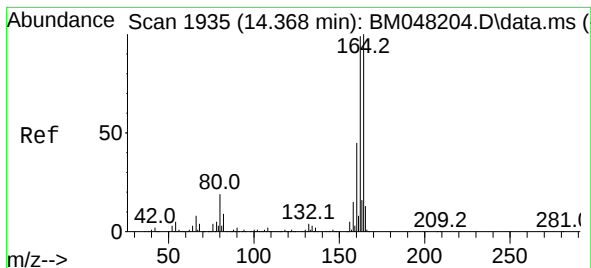
Tgt Ion:142 Resp: 147799
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.6
115 33.9 26.3 39.5



#38
1-Methylnaphthalene
Concen: 3.165 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:142 Resp: 138937
Ion Ratio Lower Upper
142 100
141 93.0 72.7 109.1
116 3.6 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: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

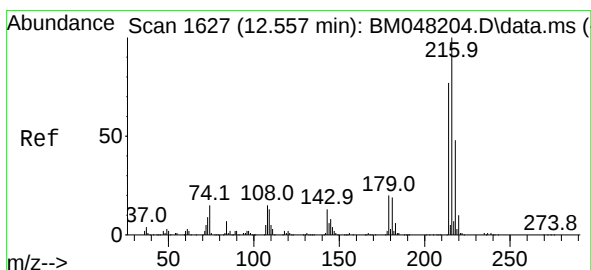
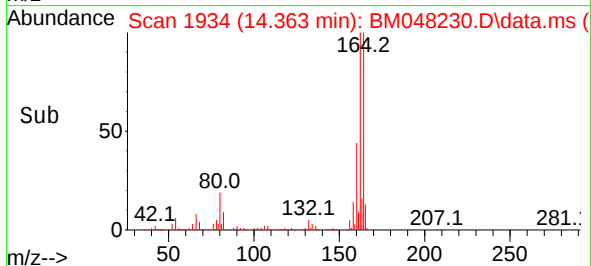
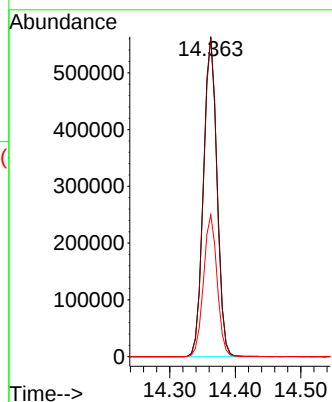
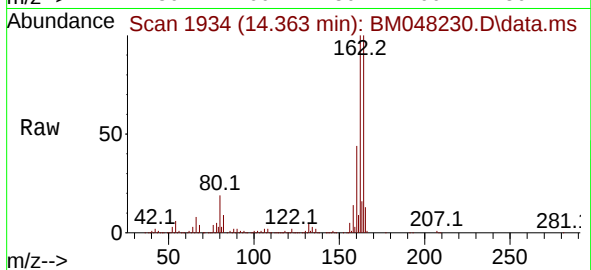
Tgt Ion:164 Resp: 813145

Ion Ratio Lower Upper

164 100

162 100.2 79.1 118.7

160 44.5 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.477 ng

RT: 12.551 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:216 Resp: 80810

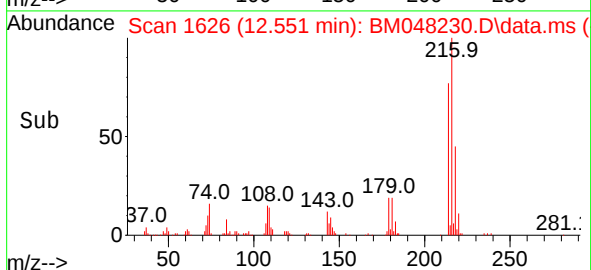
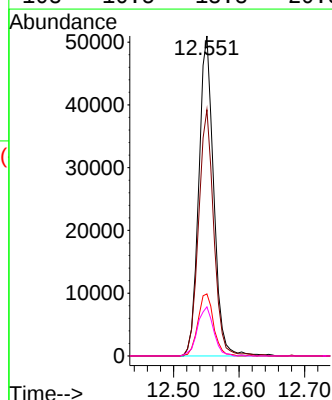
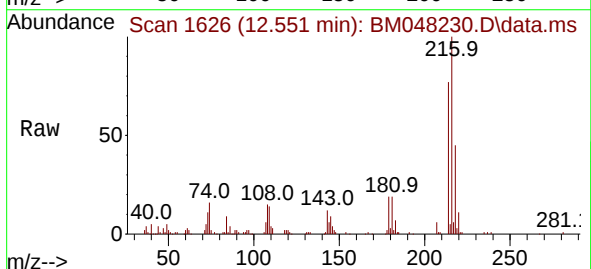
Ion Ratio Lower Upper

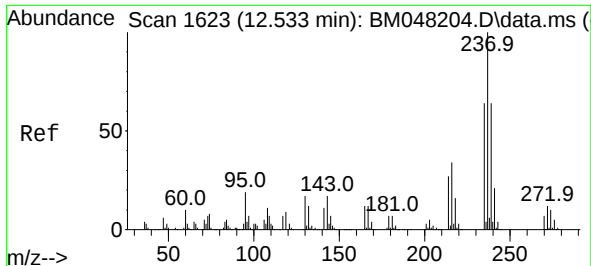
216 100

214 78.1 62.2 93.2

179 20.4 16.0 24.0

108 16.5 13.8 20.8

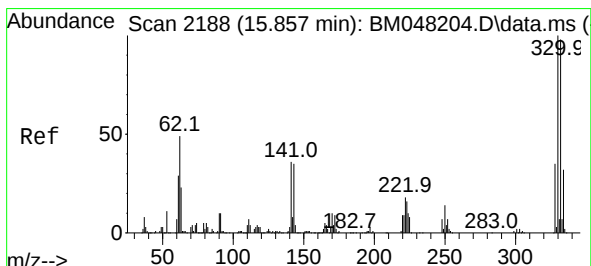
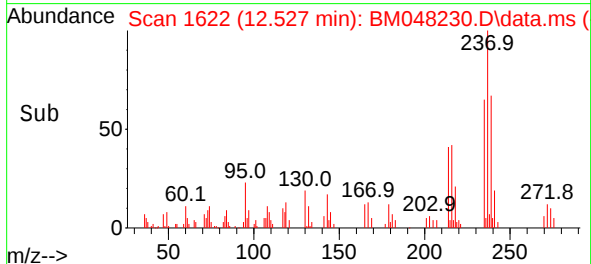
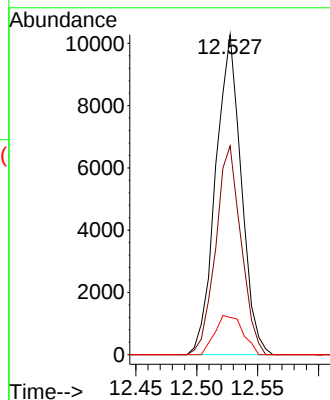
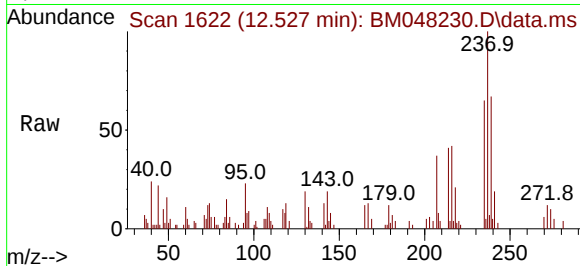




#41
Hexachlorocyclopentadiene
Concen: 1.909 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

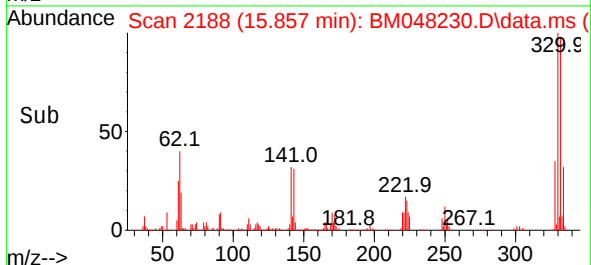
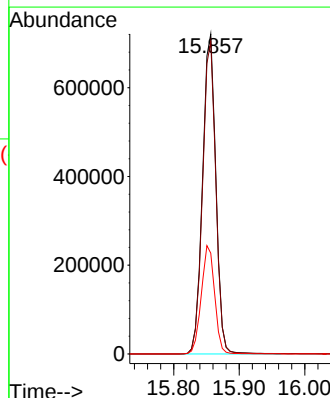
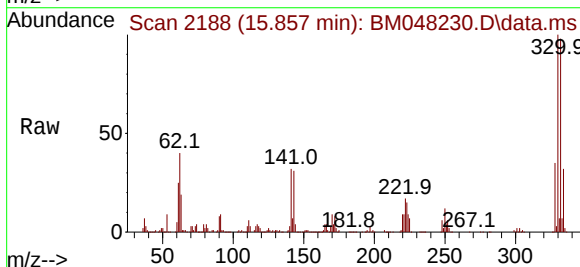
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

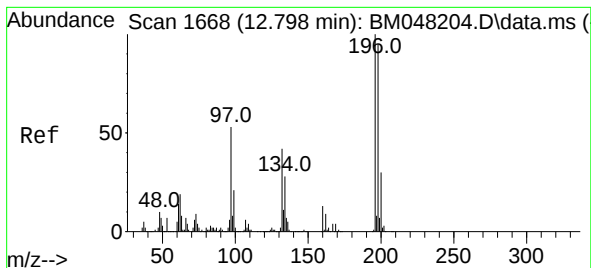
Tgt Ion:237	Resp:	15016
Ion Ratio	Lower	Upper
237	100	
235	65.2	44.2 84.2
272	11.6	0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 102.447 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:330	Resp:	1019652
Ion Ratio	Lower	Upper
330	100	
332	97.2	77.5 116.3
141	34.0	27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 2.991 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

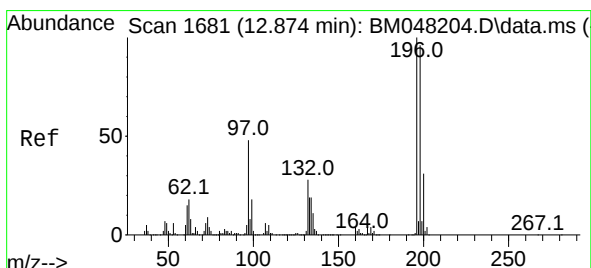
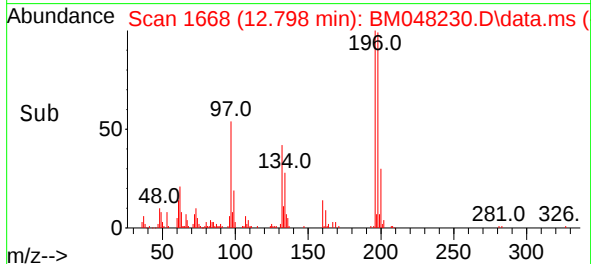
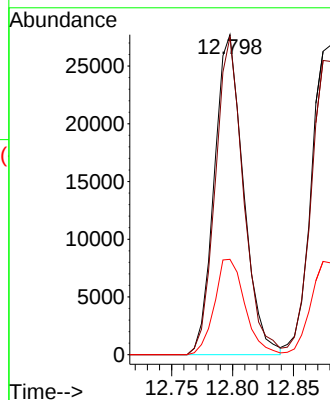
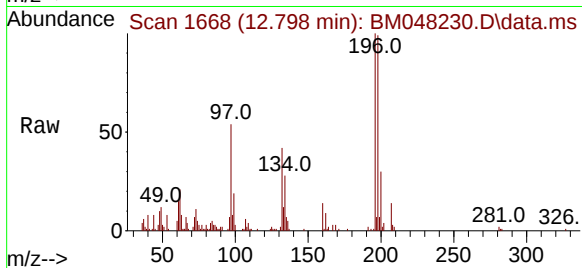
Tgt Ion:196 Resp: 46138

Ion Ratio Lower Upper

196 100

198 99.2 76.2 114.2

200 29.8 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 2.905 ng

RT: 12.880 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:196 Resp: 49973

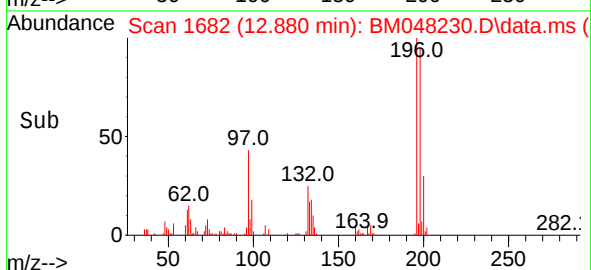
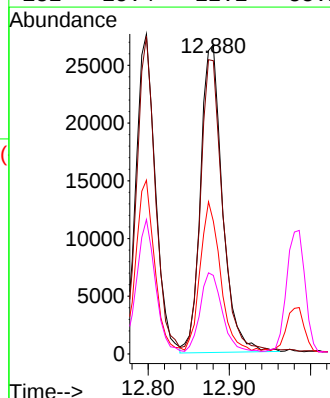
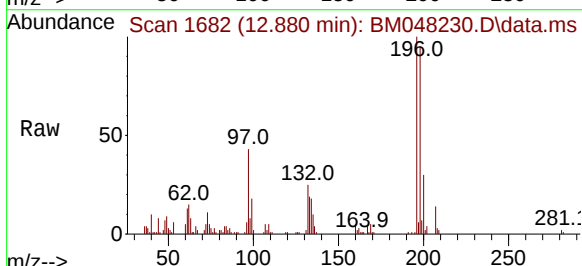
Ion Ratio Lower Upper

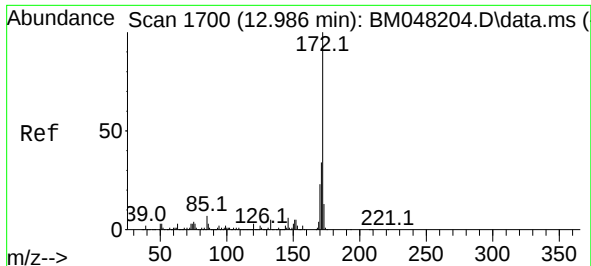
196 100

198 94.9 76.7 115.1

97 43.0 38.5 57.7

132 25.4 22.2 33.2

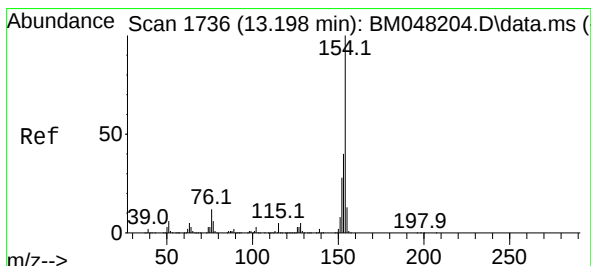
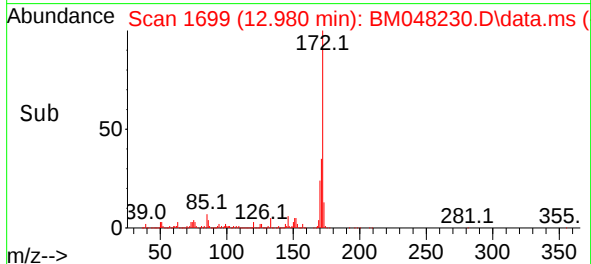
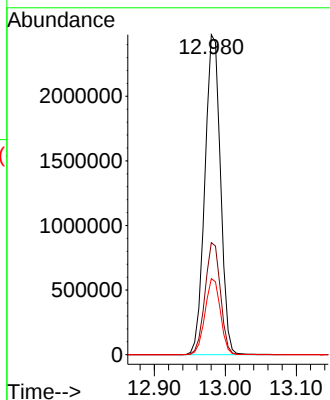
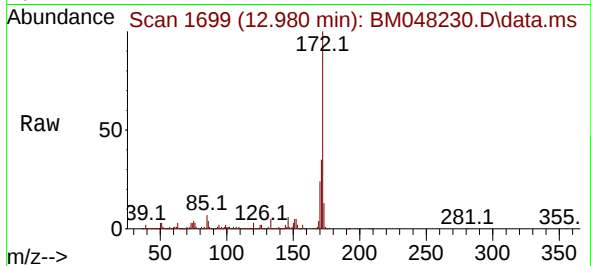




#45
2-Fluorobiphenyl
Concen: 71.506 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

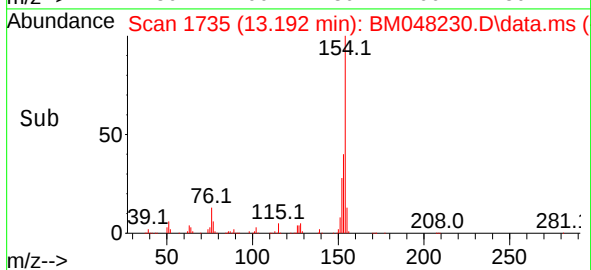
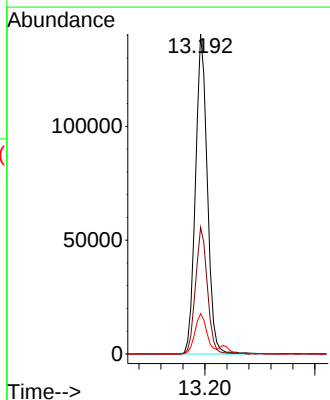
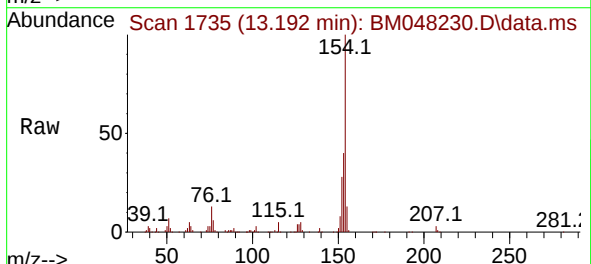
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

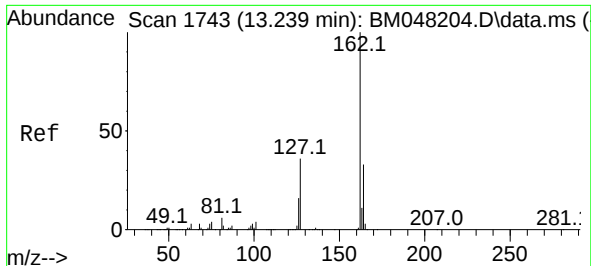
Tgt Ion:172 Resp: 3789185
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 3.630 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:154 Resp: 210724
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 12.6 0.0 32.4





#47

2-Chloronaphthalene

Concen: 3.336 ng

RT: 13.233 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

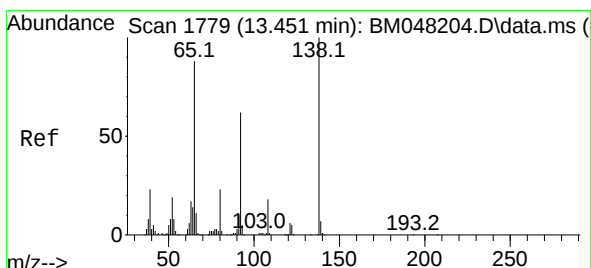
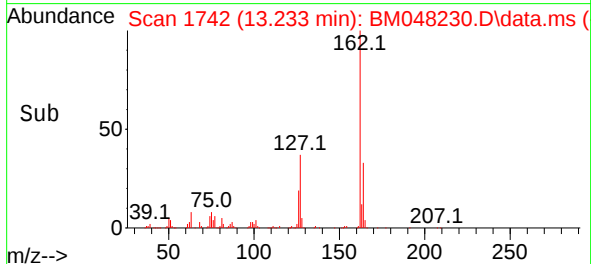
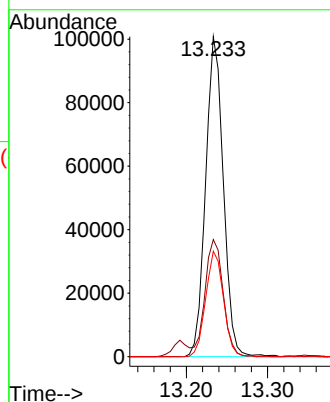
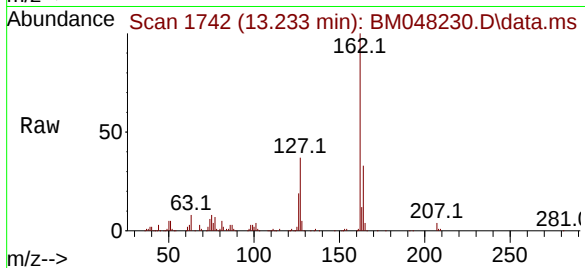
Tgt Ion:162 Resp: 152725

Ion Ratio Lower Upper

162 100

127 36.6 31.0 46.6

164 32.9 26.2 39.4



#48

2-Nitroaniline

Concen: 2.843 ng

RT: 13.451 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

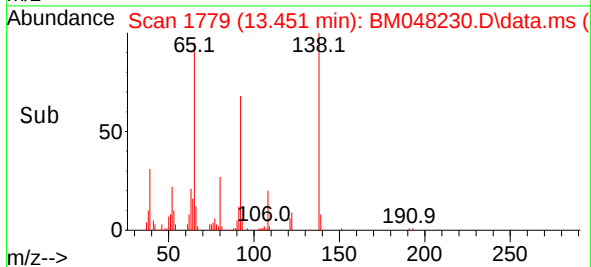
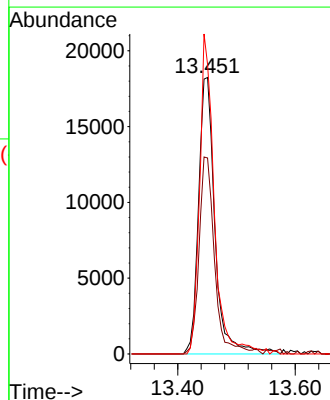
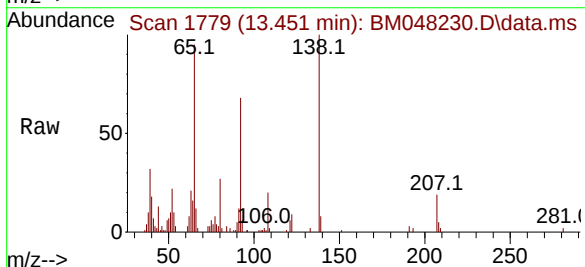
Tgt Ion: 65 Resp: 35292

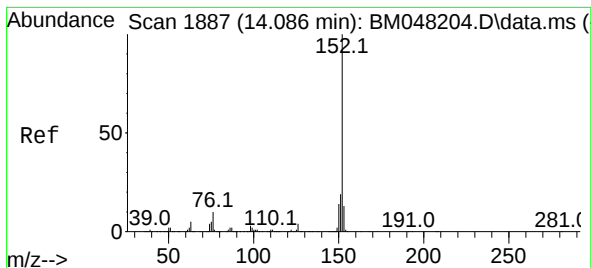
Ion Ratio Lower Upper

65 100

92 70.9 56.0 84.0

138 104.7 90.8 136.2





#49

Acenaphthylene

Concen: 3.468 ng

RT: 14.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

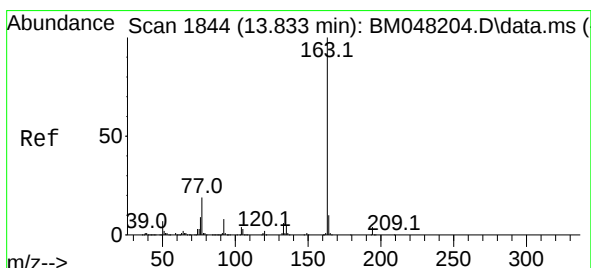
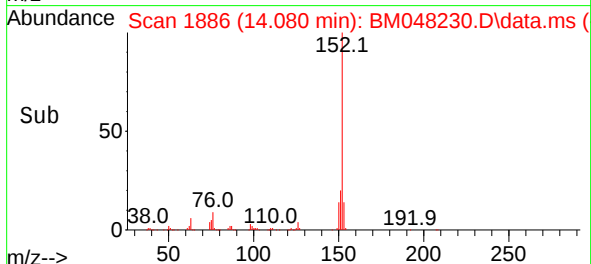
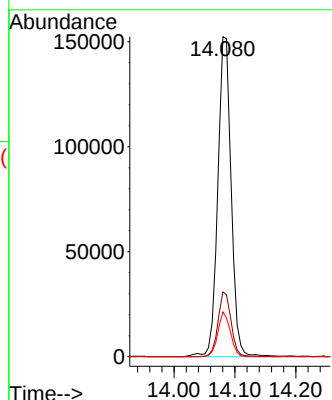
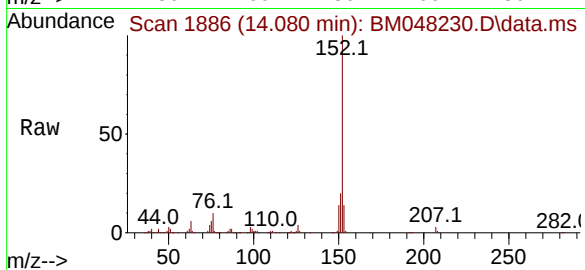
Tgt Ion:152 Resp: 231620

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.2

153 14.0 10.5 15.7



#50

Dimethylphthalate

Concen: 3.285 ng

RT: 13.821 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

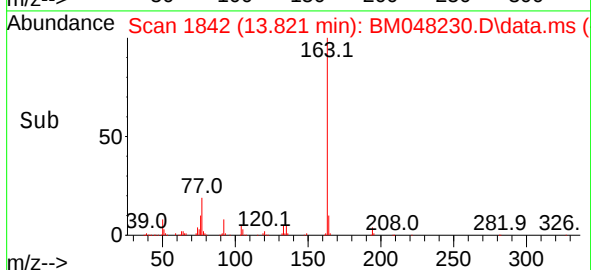
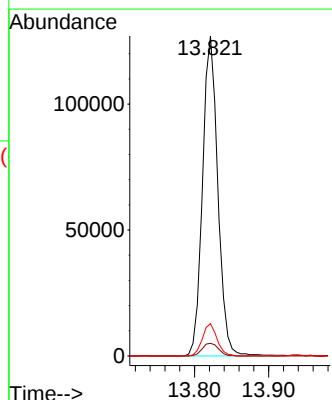
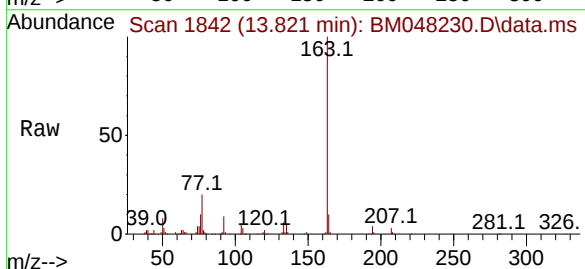
Tgt Ion:163 Resp: 182328

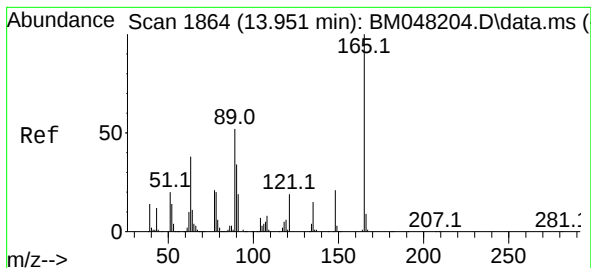
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 2.740 ng

RT: 13.939 min Scan# 1862

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

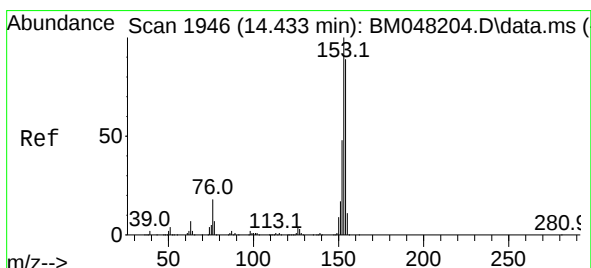
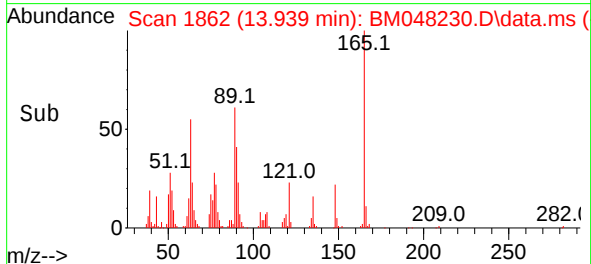
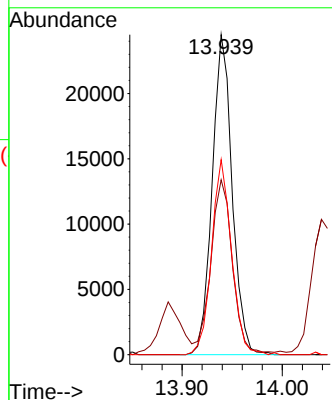
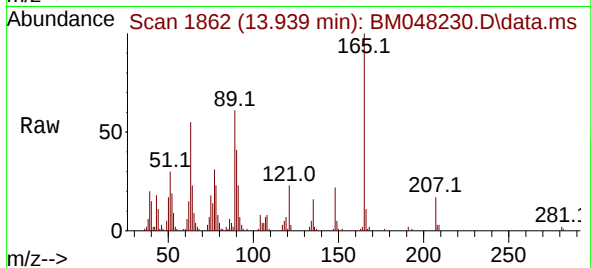
Tgt Ion:165 Resp: 33933

Ion Ratio Lower Upper

165 100

63 54.6 39.5 59.3

89 61.0 41.8 62.6



#52

Acenaphthene

Concen: 3.307 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

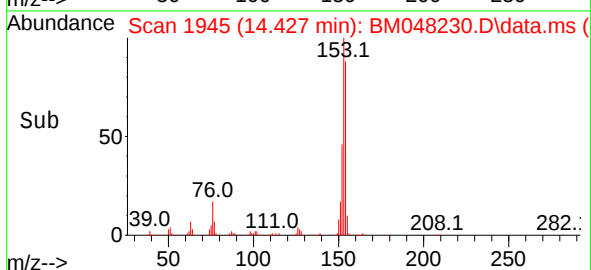
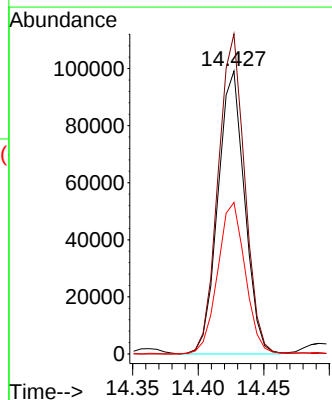
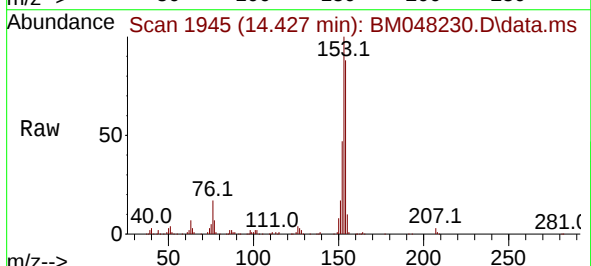
Tgt Ion:154 Resp: 140328

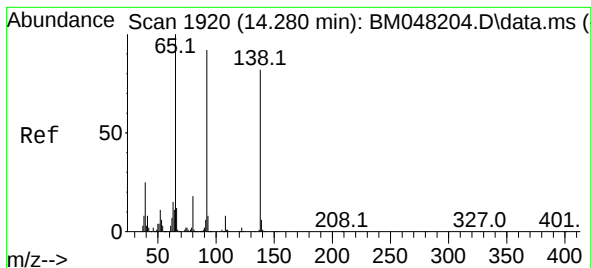
Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

152 53.5 43.6 65.4





#53

3-Nitroaniline

Concen: 2.555 ng

RT: 14.280 min Scan# 1920

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

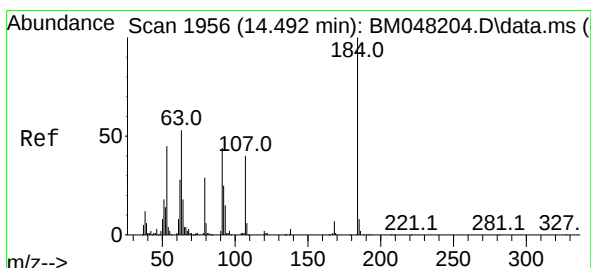
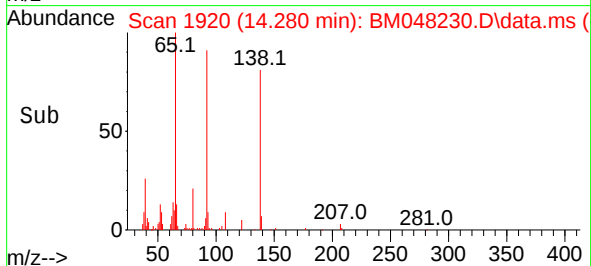
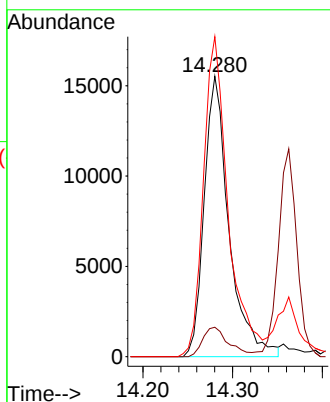
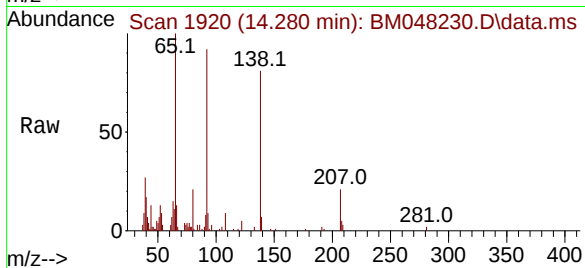
Tgt Ion:138 Resp: 29849

Ion Ratio Lower Upper

138 100

108 10.5 7.5 11.3

92 114.2 89.7 134.5



#54

2,4-Dinitrophenol

Concen: 1.601 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

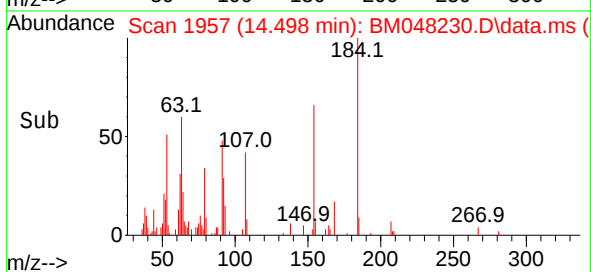
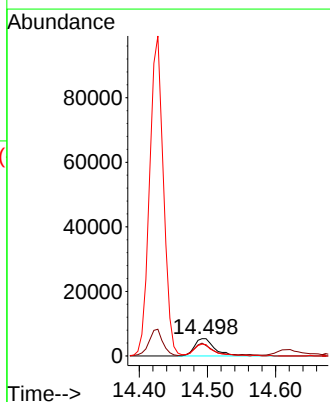
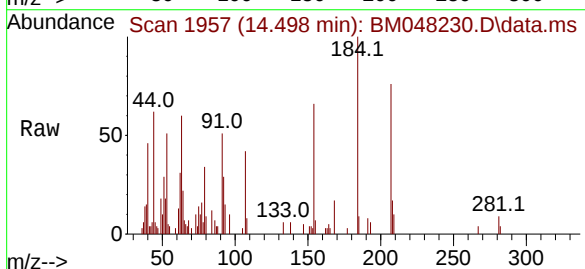
Tgt Ion:184 Resp: 11590

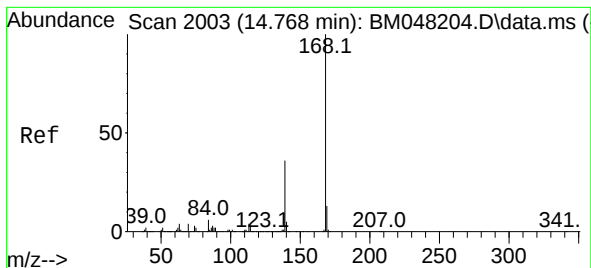
Ion Ratio Lower Upper

184 100

63 60.0 47.2 70.8

154 66.0 46.0 69.0





#55

Dibenzofuran

Concen: 3.454 ng

RT: 14.762 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

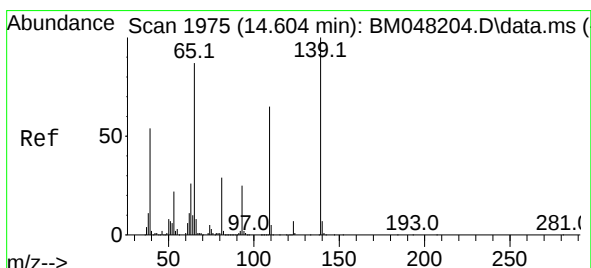
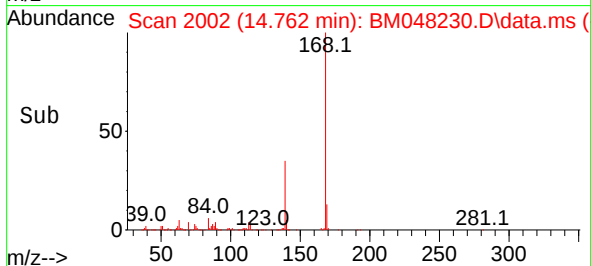
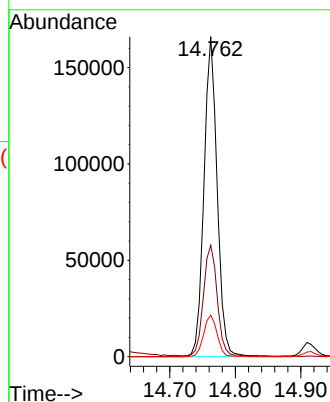
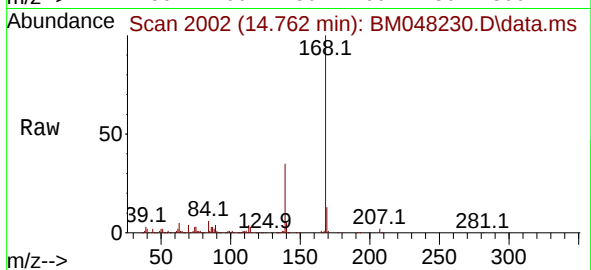
Tgt Ion:168 Resp: 232846

Ion Ratio Lower Upper

168 100

139 34.8 29.0 43.6

169 13.0 10.4 15.6



#56

4-Nitrophenol

Concen: 1.714 ng

RT: 14.615 min Scan# 1977

Delta R.T. 0.011 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

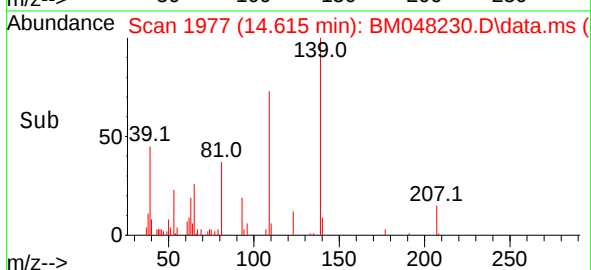
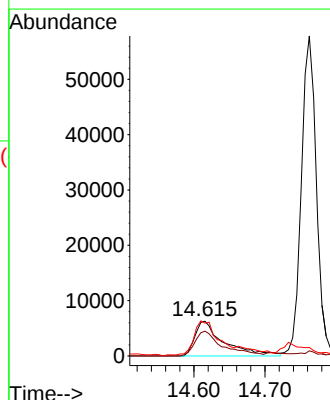
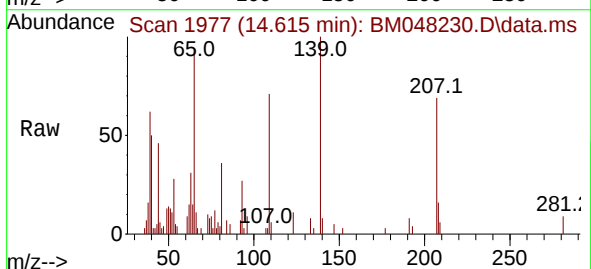
Tgt Ion:139 Resp: 17872

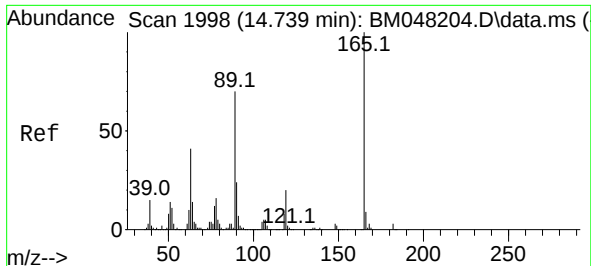
Ion Ratio Lower Upper

139 100

109 71.4 45.4 85.4

65 94.4 67.3 107.3

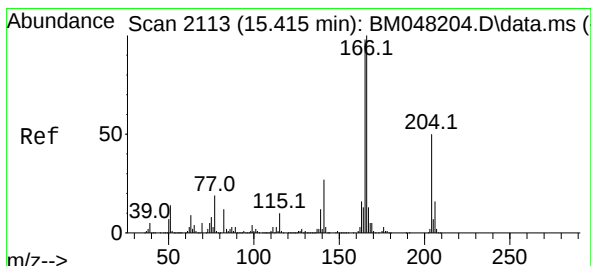
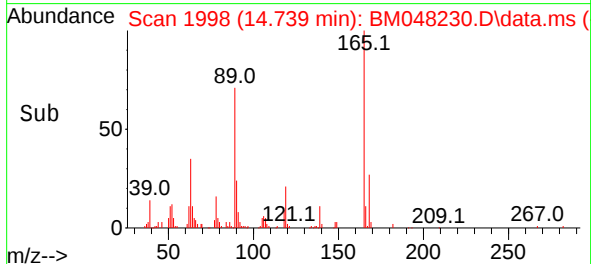
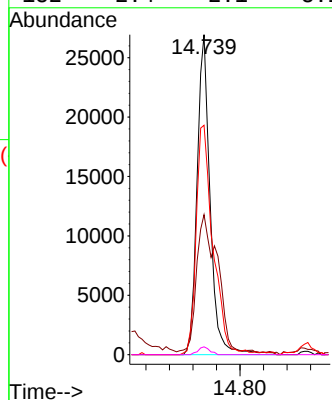
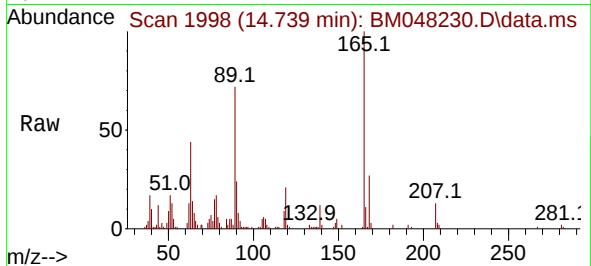




#57
2,4-Dinitrotoluene
Concen: 2.538 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

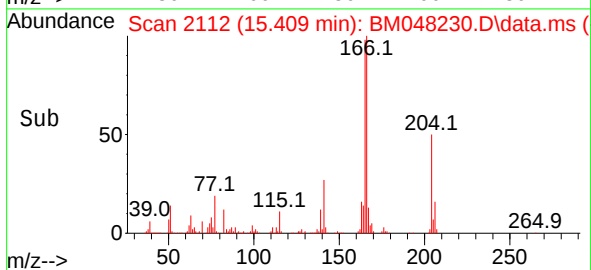
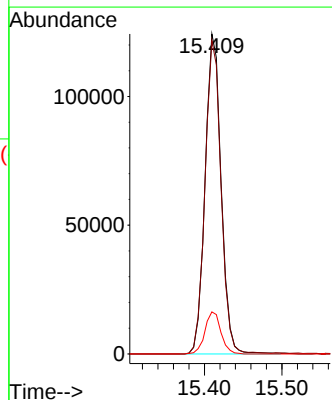
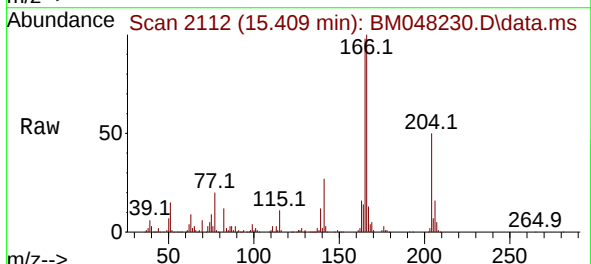
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

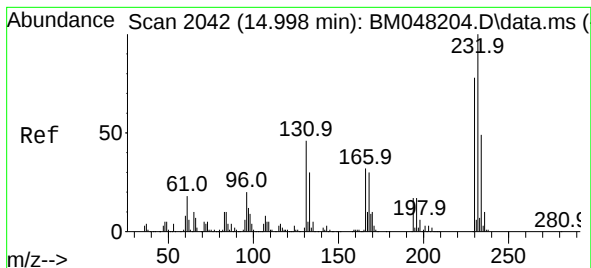
Tgt Ion:165 Resp: 41515
Ion Ratio Lower Upper
165 100
63 43.7 33.0 49.4
89 71.7 55.8 83.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 3.344 ng
RT: 15.409 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:166 Resp: 178276
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.2 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.186 ng

RT: 14.992 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM048230.D

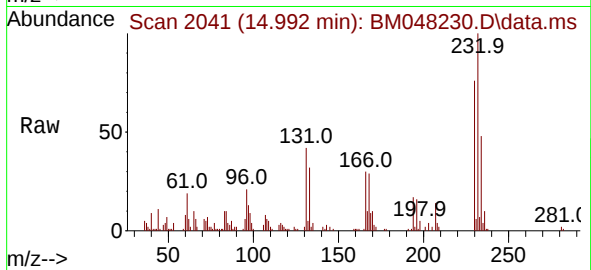
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:232 Resp: 45415

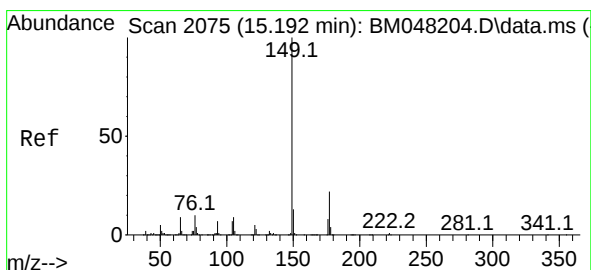
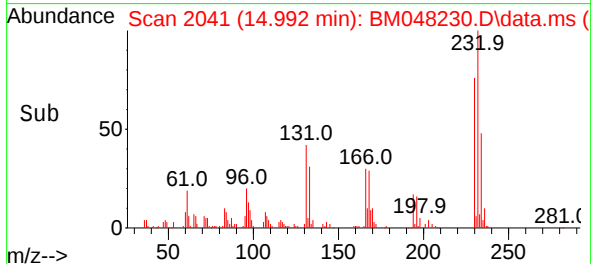
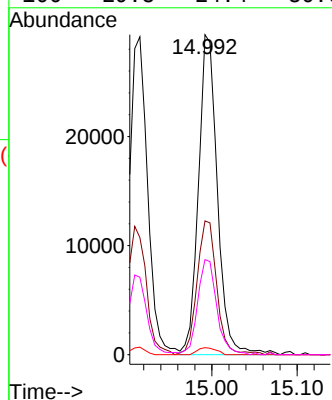
Ion Ratio Lower Upper

232 100

131 43.3 35.5 53.3

130 2.2 1.8 2.6

166 29.8 24.4 36.6



#60

Diethylphthalate

Concen: 3.096 ng

RT: 15.186 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

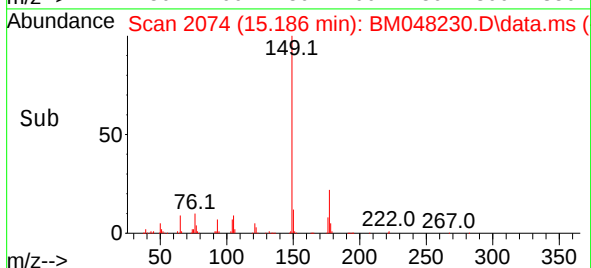
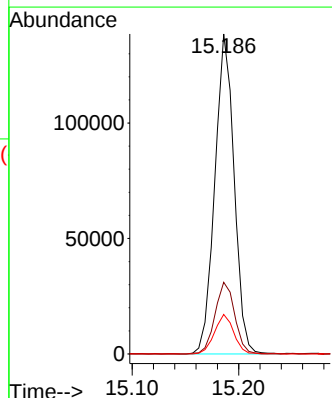
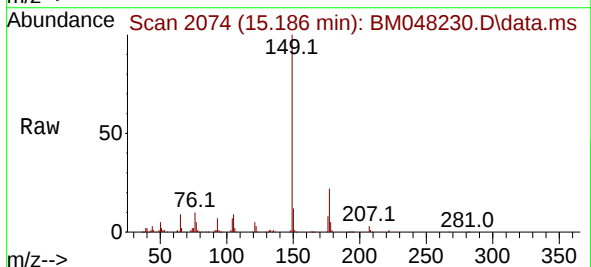
Tgt Ion:149 Resp: 173985

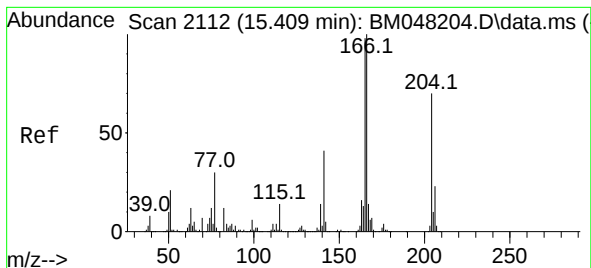
Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

150 12.4 10.1 15.1

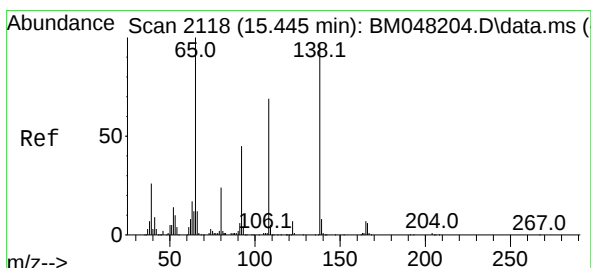
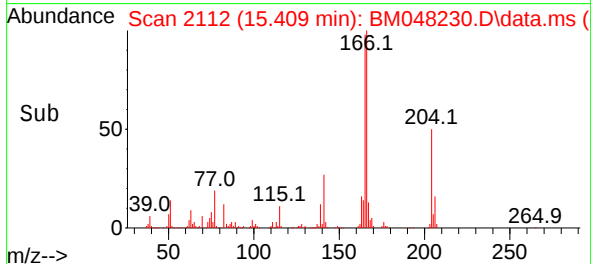
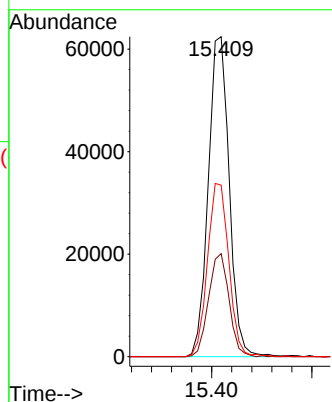
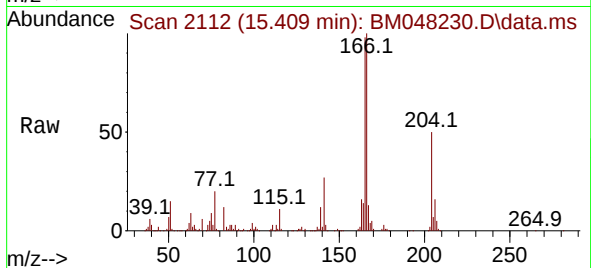




#61
4-Chlorophenyl-phenylether
Concen: 3.401 ng
RT: 15.409 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

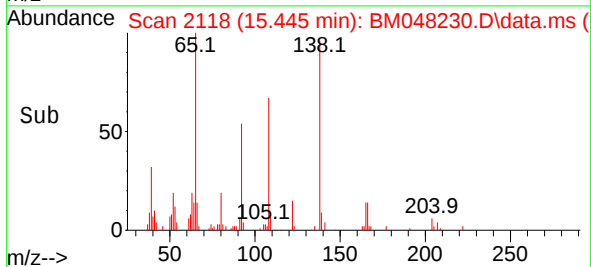
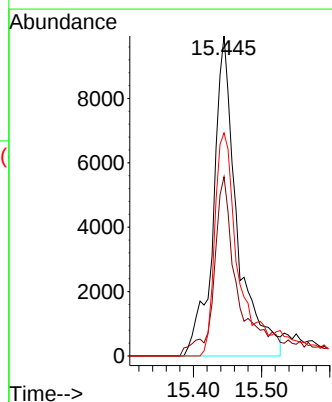
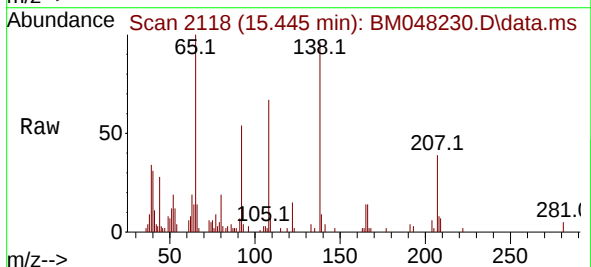
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

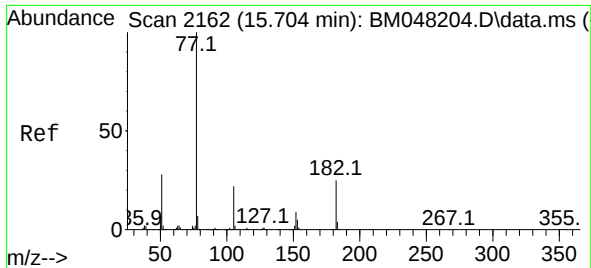
Tgt Ion:204 Resp: 90651
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 53.6 47.0 70.6



#62
4-Nitroaniline
Concen: 2.003 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:138 Resp: 24219
Ion Ratio Lower Upper
138 100
92 56.0 26.9 66.9
108 69.7 51.3 91.3

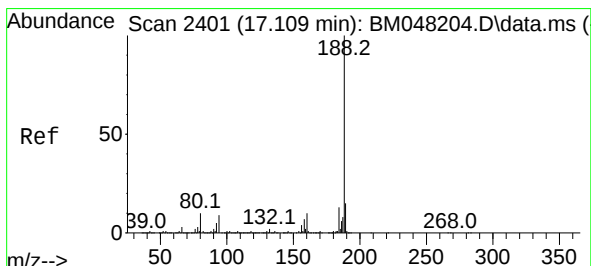
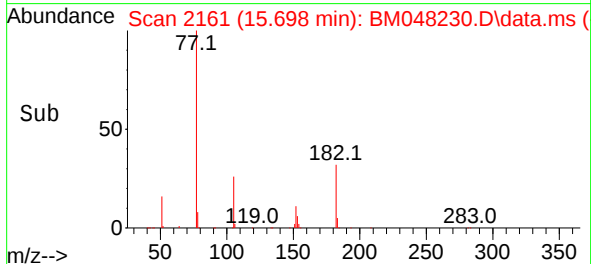
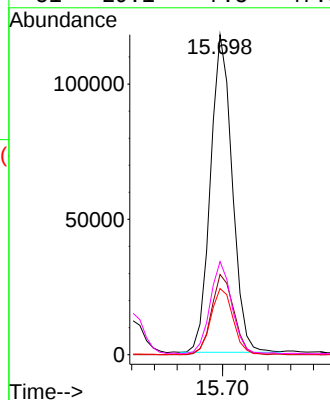
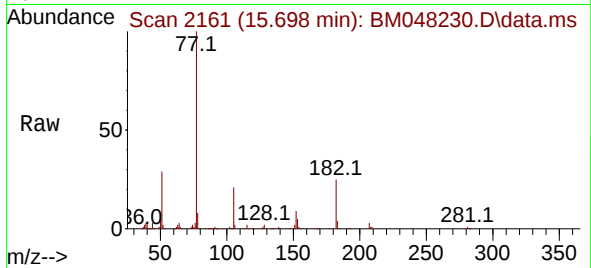




#63
Azobenzene
Concen: 3.094 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

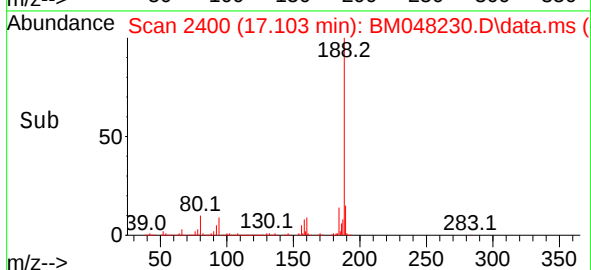
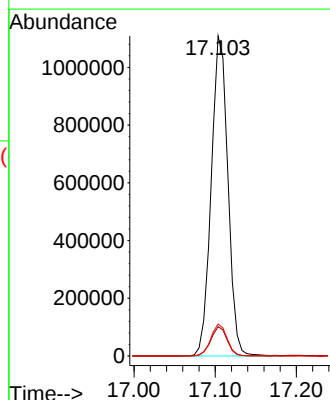
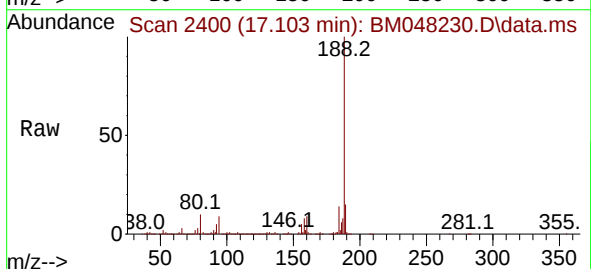
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

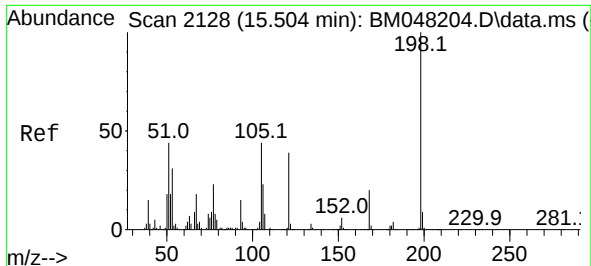
Tgt Ion: 77 Resp: 155881
Ion Ratio Lower Upper
77 100
182 25.1 5.3 45.3
105 20.6 1.6 41.6
51 29.1 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.103 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:188 Resp: 1579972
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.0 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 2.049 ng

RT: 15.504 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

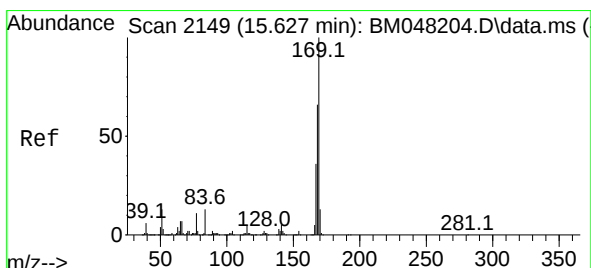
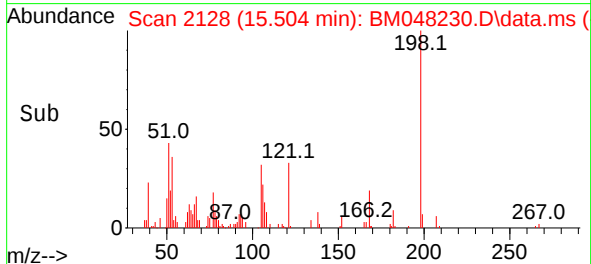
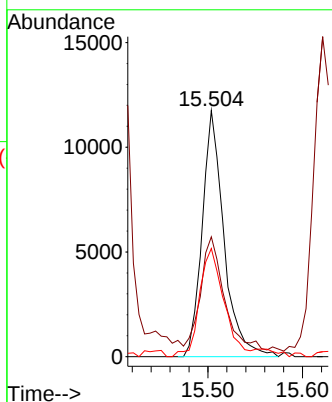
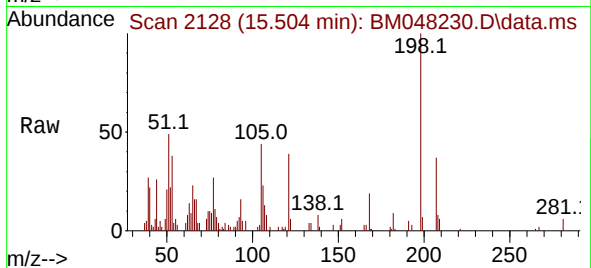
Tgt Ion:198 Resp: 18788

Ion Ratio Lower Upper

198 100

51 48.7 25.4 65.4

105 44.0 23.9 63.9



#66

n-Nitrosodiphenylamine

Concen: 3.296 ng

RT: 15.621 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

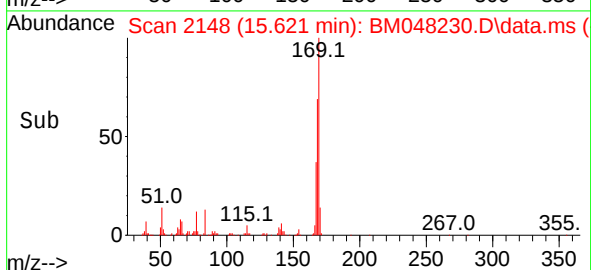
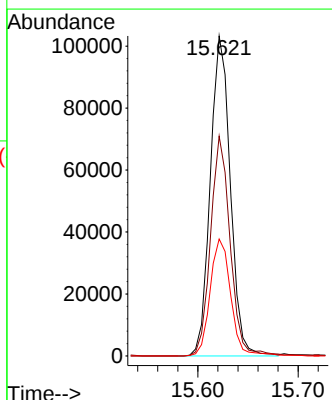
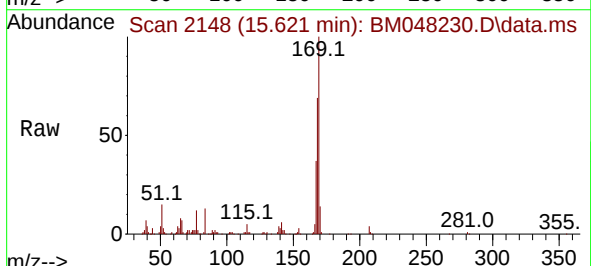
Tgt Ion:169 Resp: 142969

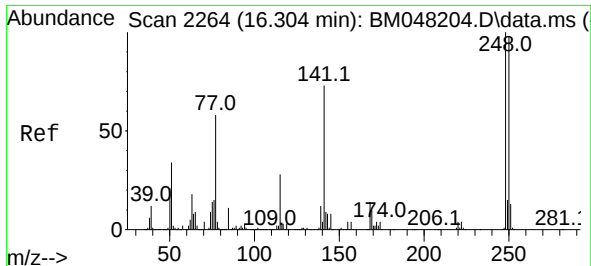
Ion Ratio Lower Upper

169 100

168 68.7 52.9 79.3

167 36.5 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 3.324 ng

RT: 16.298 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

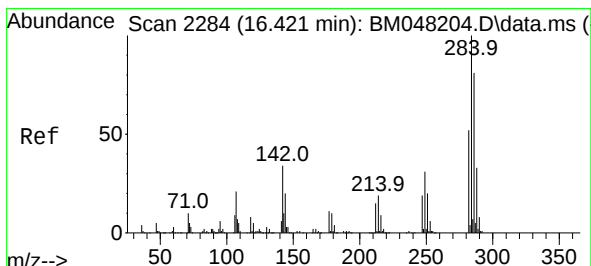
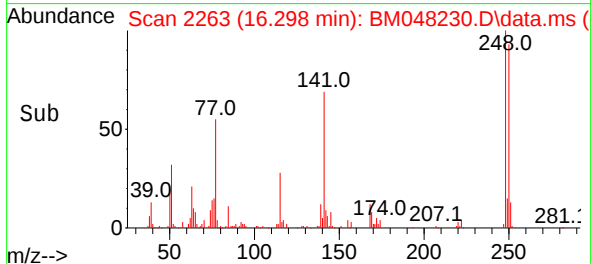
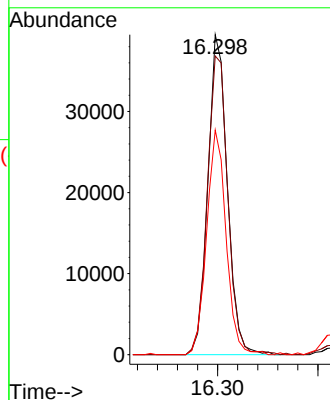
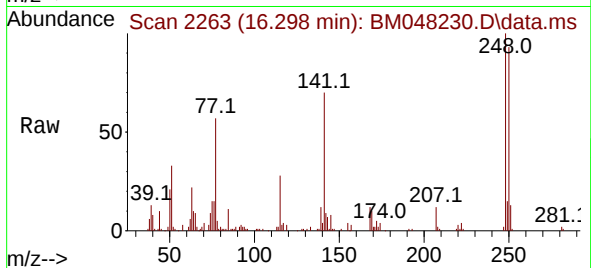
Tgt Ion:248 Resp: 53246

Ion Ratio Lower Upper

248 100

250 93.4 78.3 117.5

141 70.2 58.0 87.0



#68

Hexachlorobenzene

Concen: 3.329 ng

RT: 16.415 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

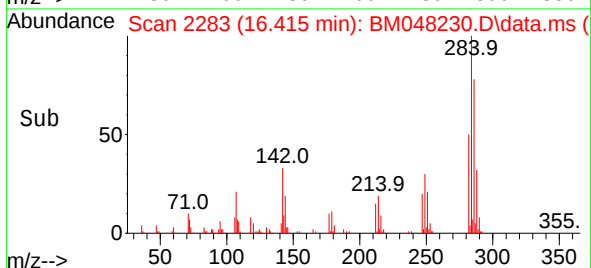
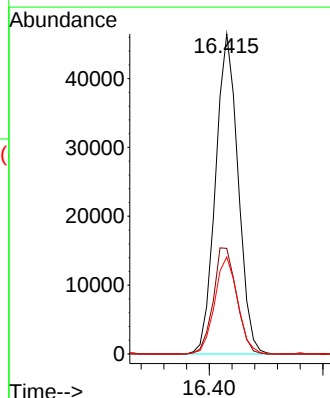
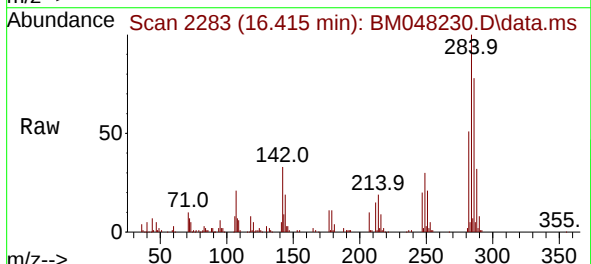
Tgt Ion:284 Resp: 64042

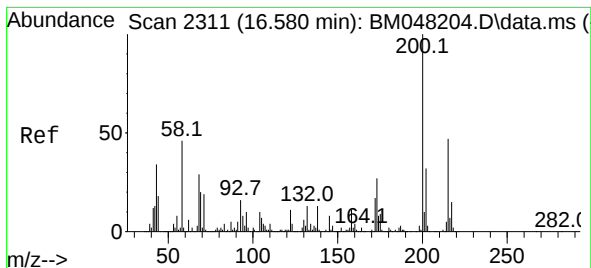
Ion Ratio Lower Upper

284 100

142 33.0 27.0 40.4

249 30.3 24.6 36.8





#69

Atrazine

Concen: 3.826 ng

RT: 16.574 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

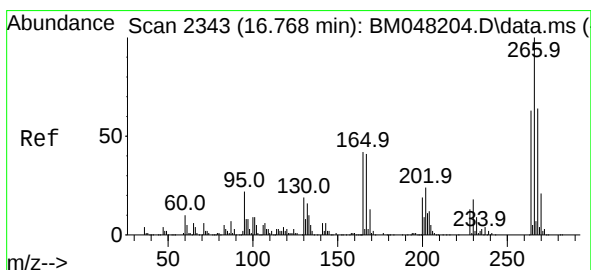
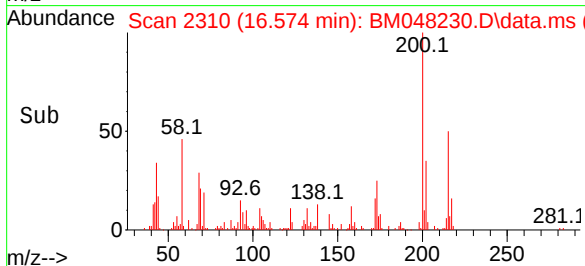
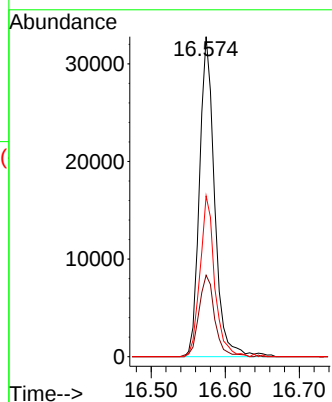
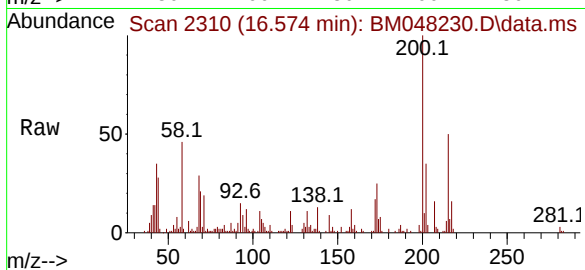
Tgt Ion:200 Resp: 46436

Ion Ratio Lower Upper

200 100

173 25.5 6.5 46.5

215 50.3 27.2 67.2



#70

Pentachlorophenol

Concen: 2.538 ng

RT: 16.768 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

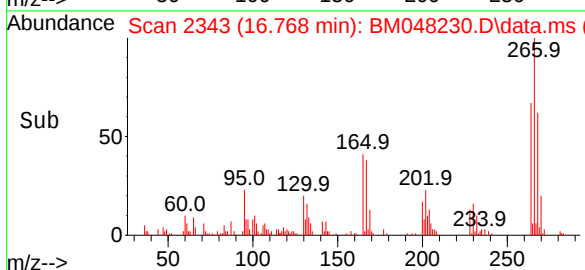
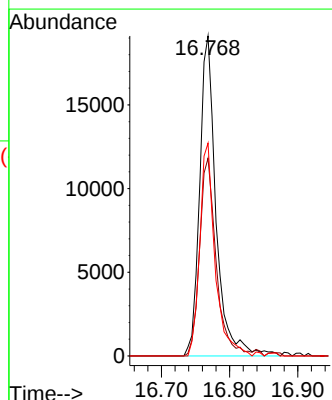
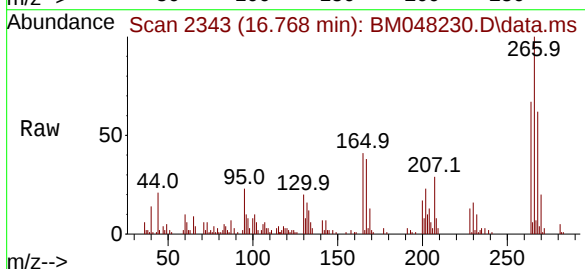
Tgt Ion:266 Resp: 32062

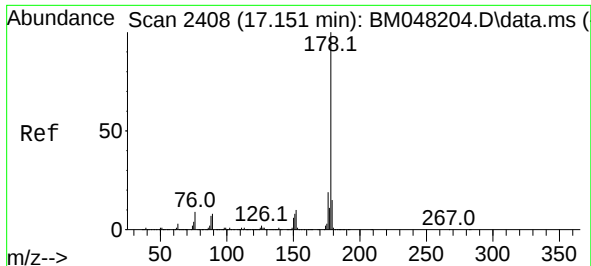
Ion Ratio Lower Upper

266 100

268 61.8 50.8 76.2

264 66.5 50.2 75.2

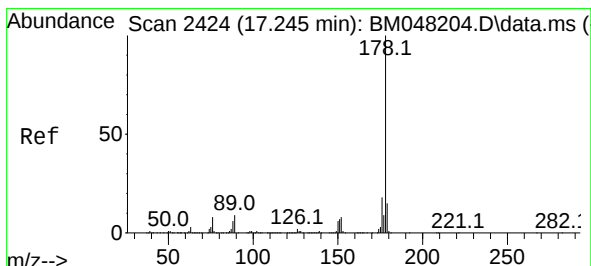
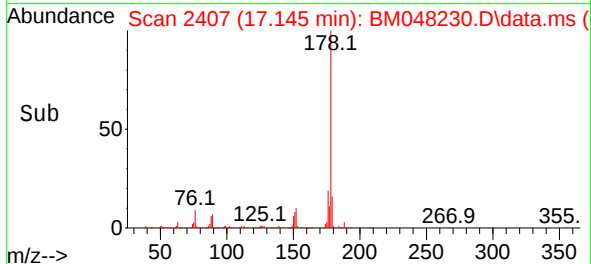
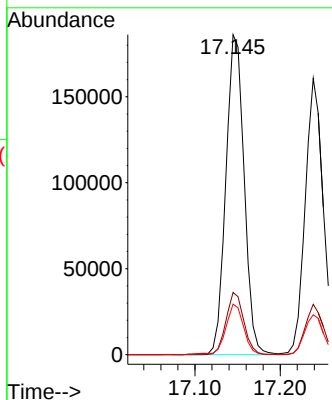
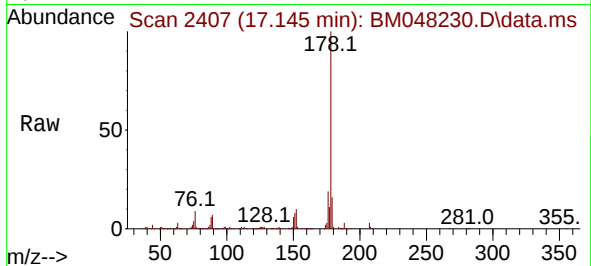




#71
Phenanthrene
Concen: 3.548 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

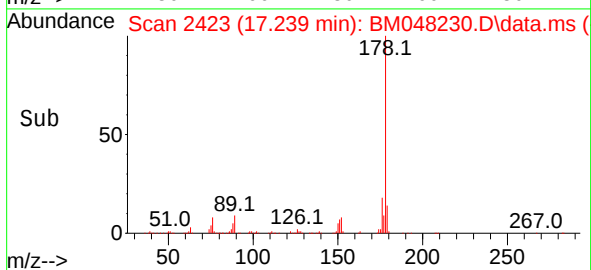
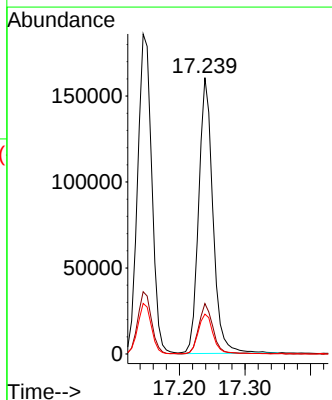
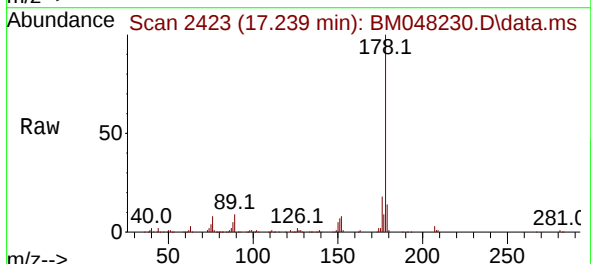
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

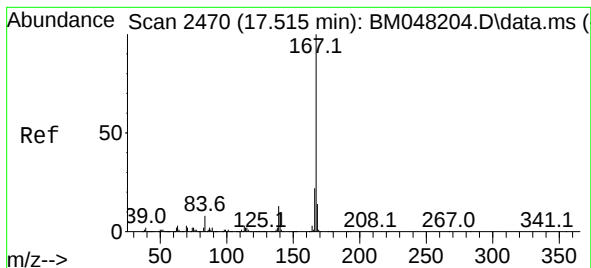
Tgt Ion:178 Resp: 277589
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.4 18.6



#72
Anthracene
Concen: 3.207 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:178 Resp: 242866
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 14.4 12.2 18.2





#73

Carbazole

Concen: 3.032 ng

RT: 17.515 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

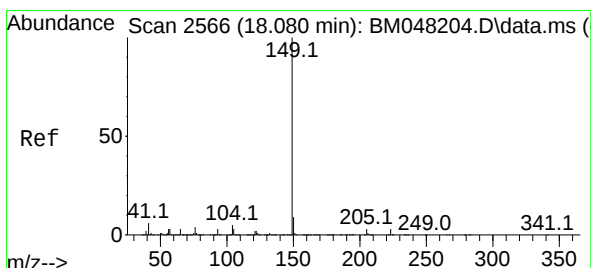
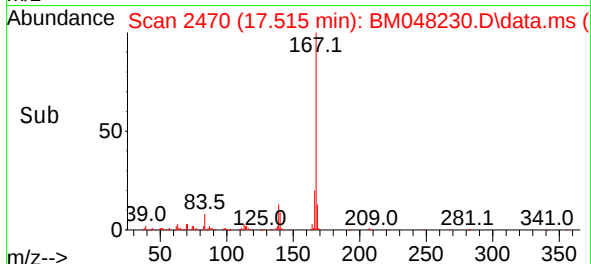
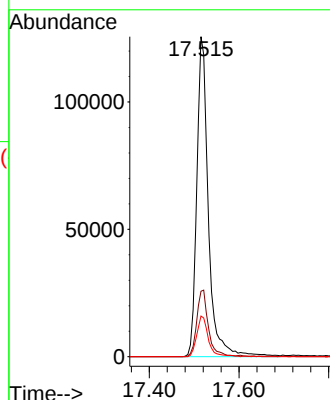
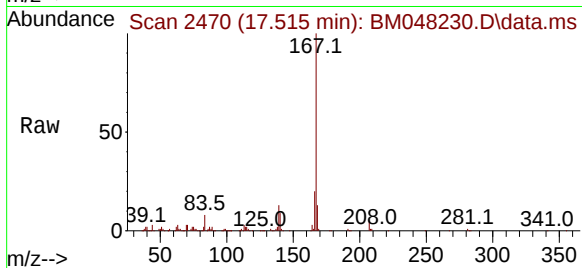
Tgt Ion:167 Resp: 225143

Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

139 12.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 2.870 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

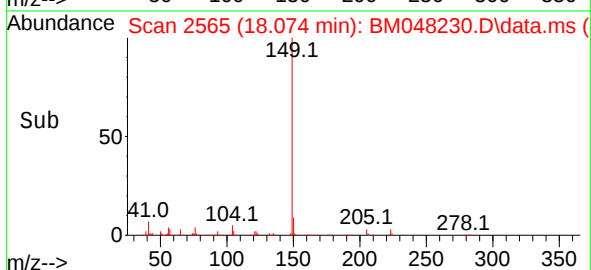
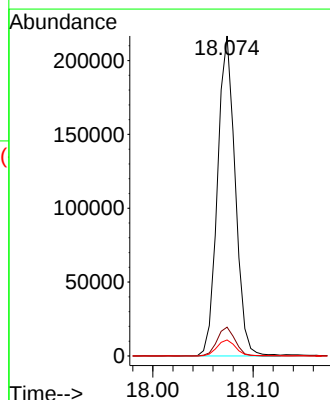
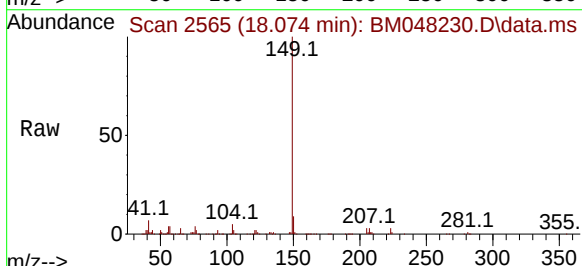
Tgt Ion:149 Resp: 265228

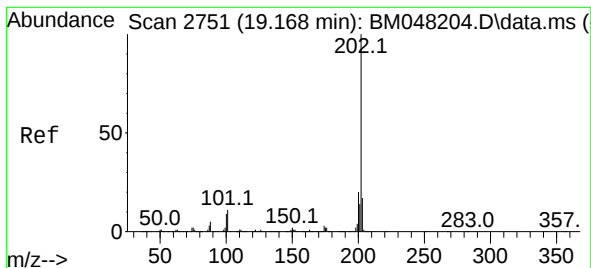
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 3.065 ng

RT: 19.162 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

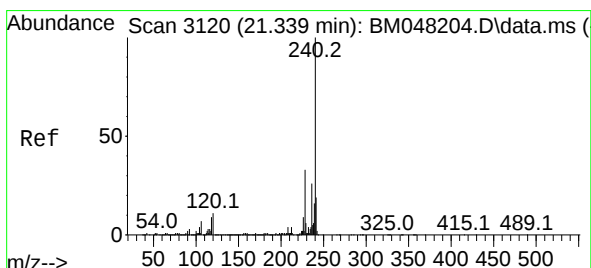
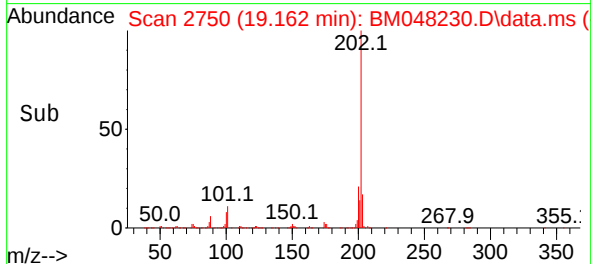
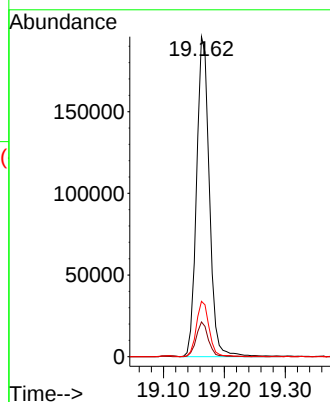
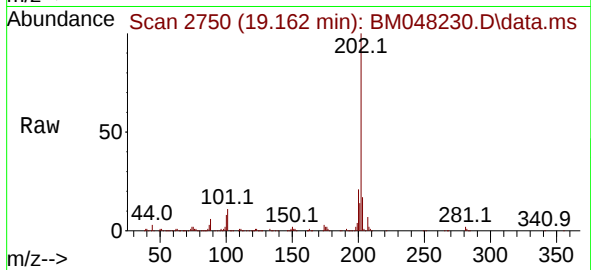
Tgt Ion:202 Resp: 286002

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.0

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

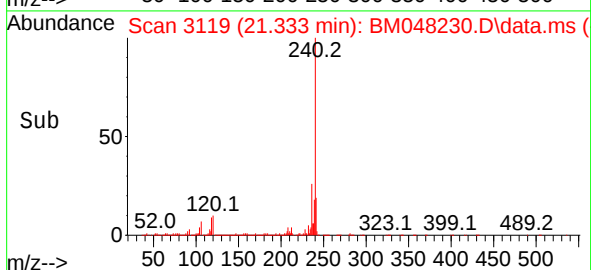
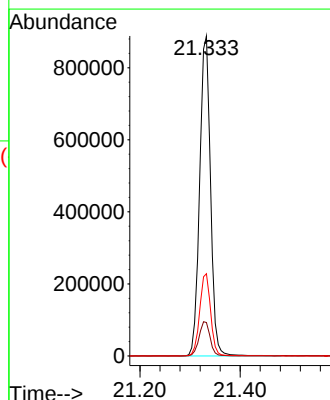
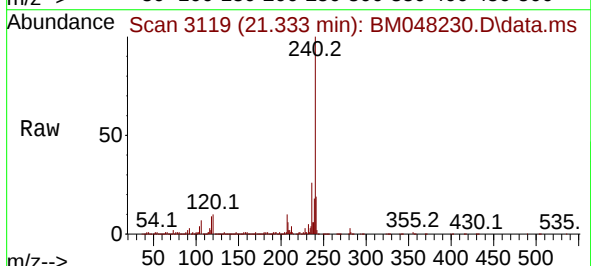
Tgt Ion:240 Resp: 1330868

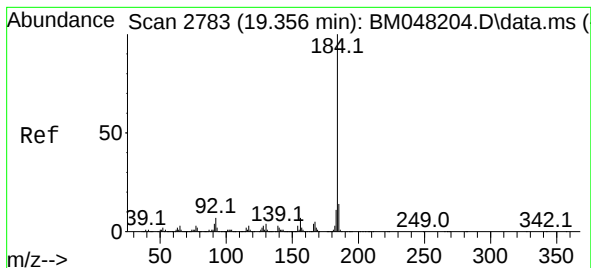
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.7 20.7 31.1





#77

Benzidine

Concen: 2.672 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

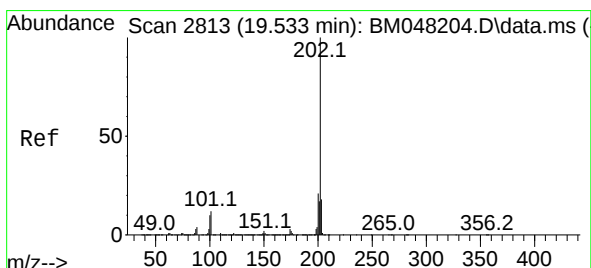
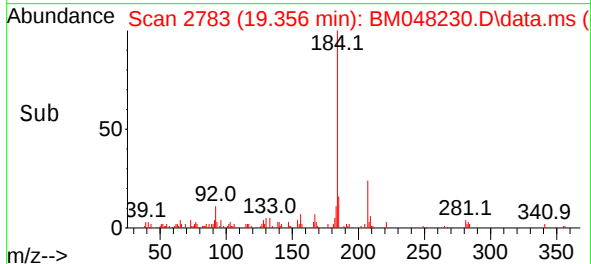
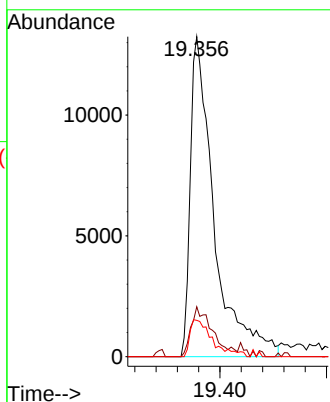
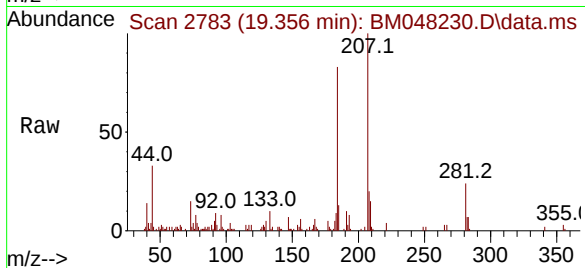
Tgt Ion:184 Resp: 41041

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.0

183 11.4 9.0 13.4



#78

Pyrene

Concen: 3.350 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

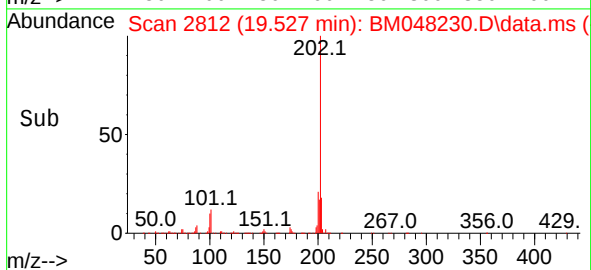
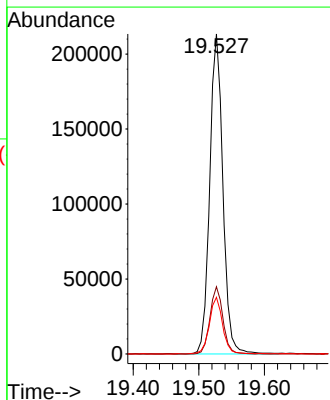
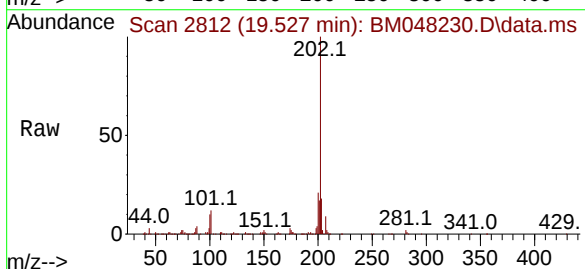
Tgt Ion:202 Resp: 298376

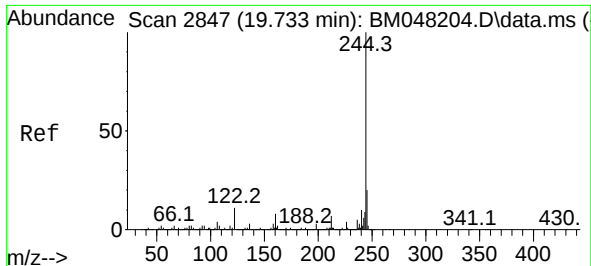
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.7 14.1 21.1

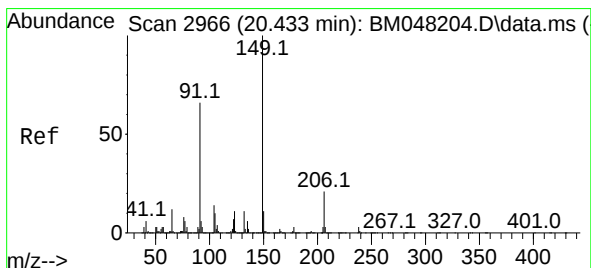
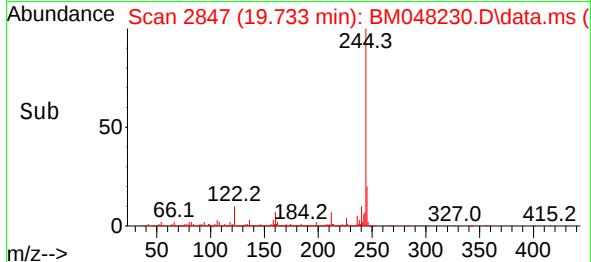
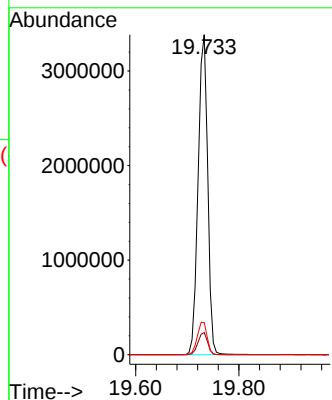
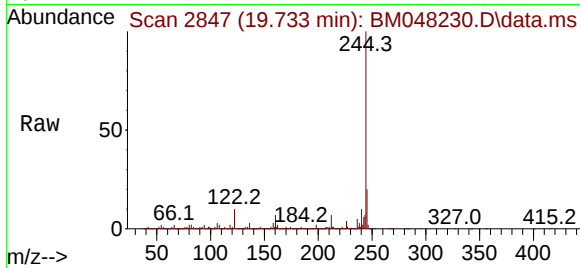




#79
 Terphenyl-d14
 Concen: 66.762 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048230.D
 Acq: 25 Oct 2024 10:07

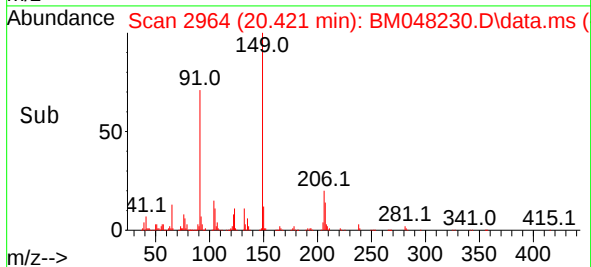
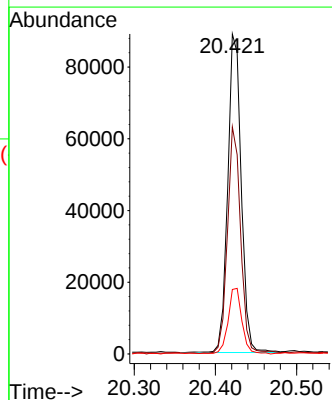
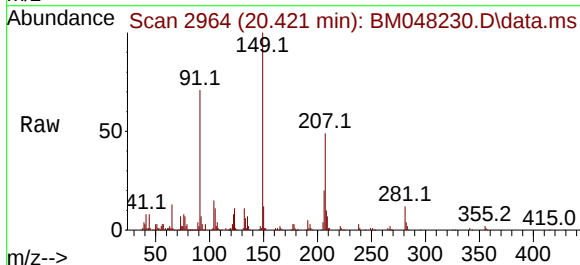
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2024

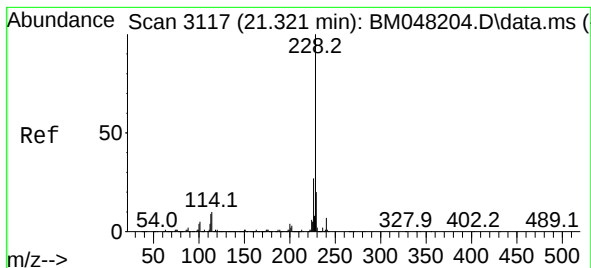
Tgt Ion:244 Resp: 4353880
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 2.757 ng
 RT: 20.421 min Scan# 2964
 Delta R.T. -0.012 min
 Lab File: BM048230.D
 Acq: 25 Oct 2024 10:07

Tgt Ion:149 Resp: 102698
 Ion Ratio Lower Upper
 149 100
 91 71.0 52.5 78.7
 206 20.1 17.0 25.6





#81

Benzo(a)anthracene

Concen: 3.385 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

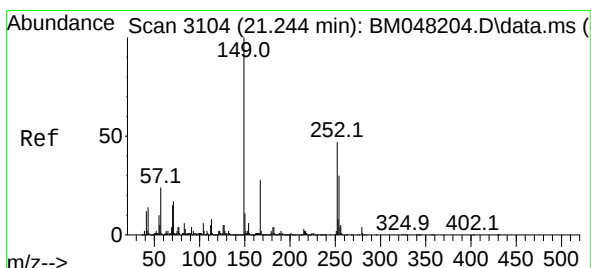
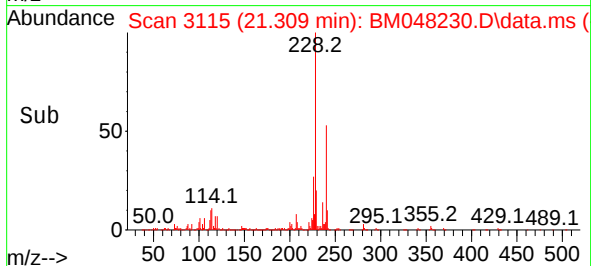
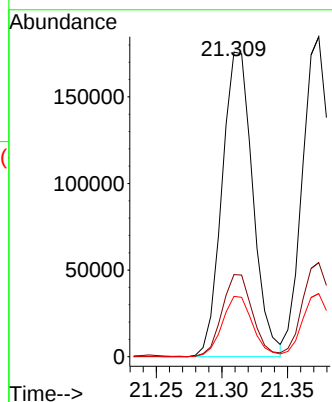
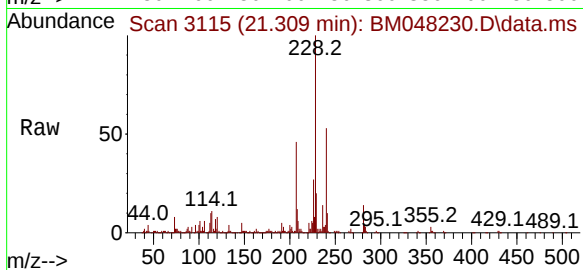
Tgt Ion:228 Resp: 287913

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 2.802 ng

RT: 21.244 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

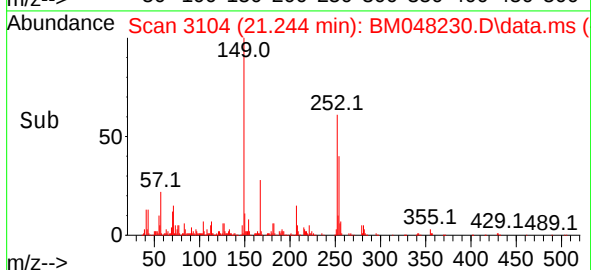
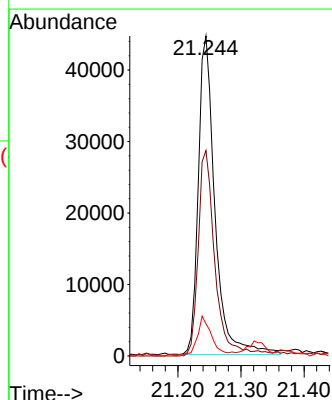
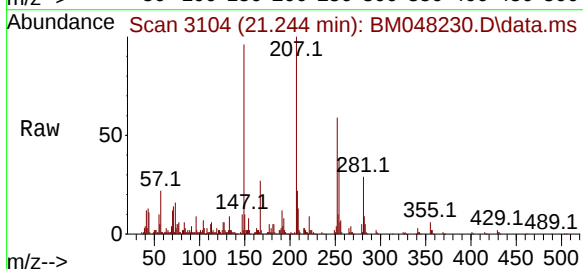
Tgt Ion:252 Resp: 81632

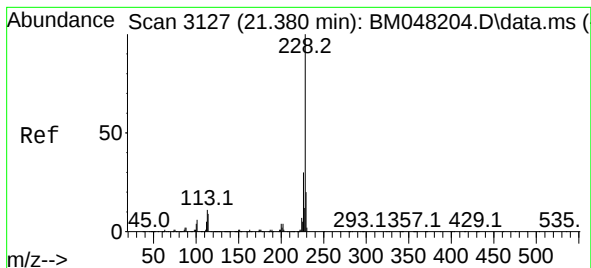
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.8

126 10.0 8.8 13.2





#83

Chrysene

Concen: 3.447 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

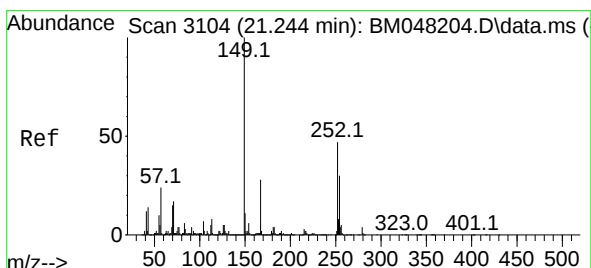
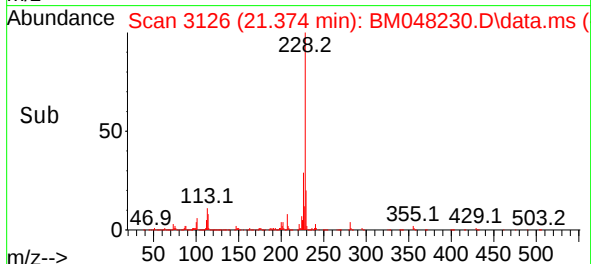
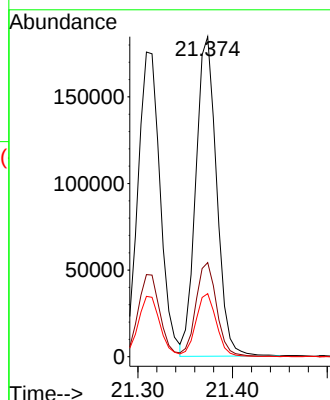
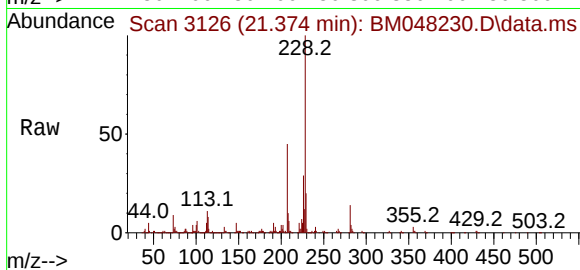
Tgt Ion:228 Resp: 281400

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.770 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

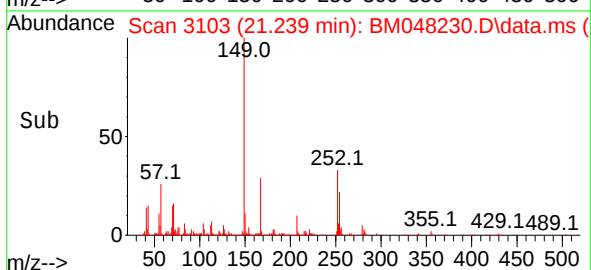
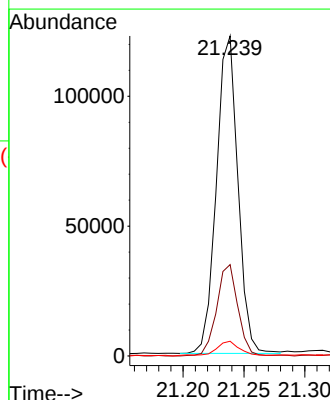
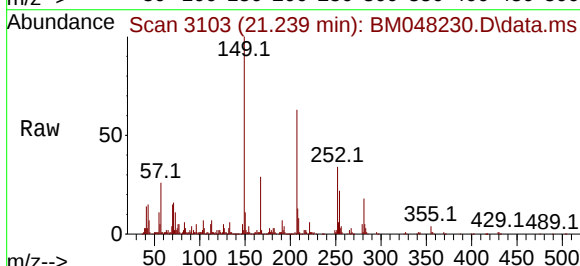
Tgt Ion:149 Resp: 149958

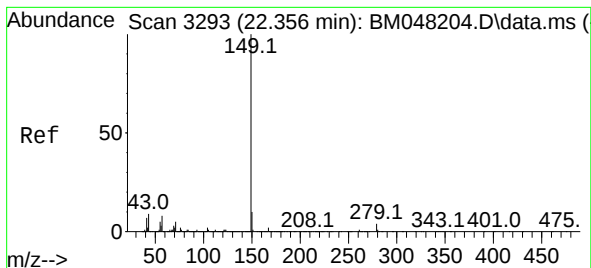
Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 2.336 ng

RT: 22.344 min Scan# 3291

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

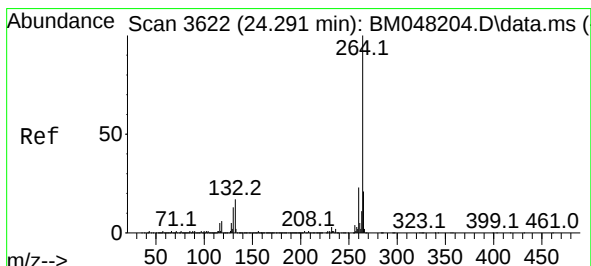
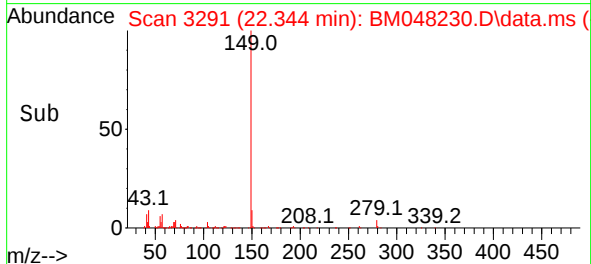
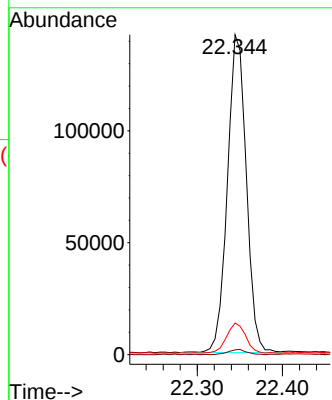
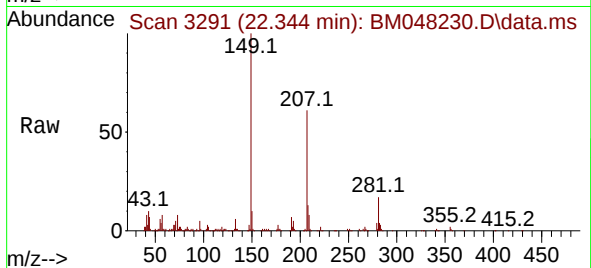
Tgt Ion:149 Resp: 219031

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.279 min Scan# 3620

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

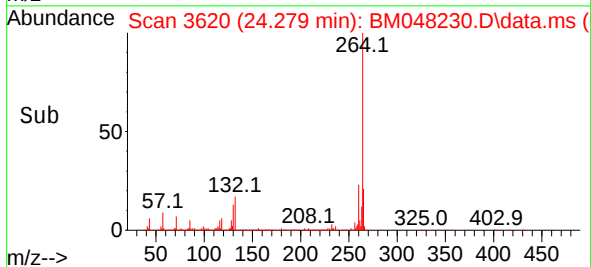
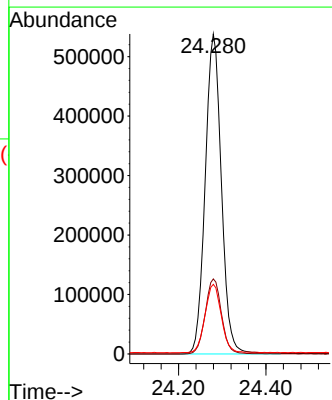
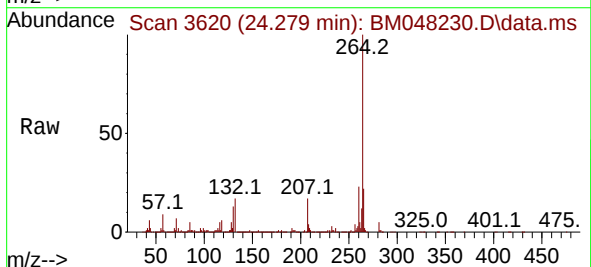
Tgt Ion:264 Resp: 1387185

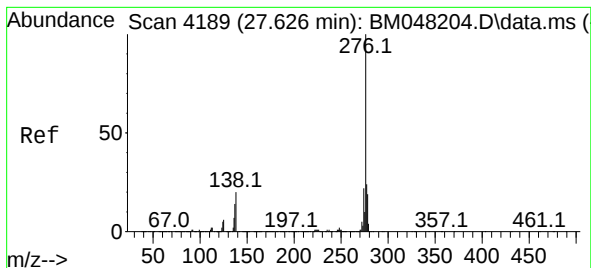
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.136 ng

RT: 27.597 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

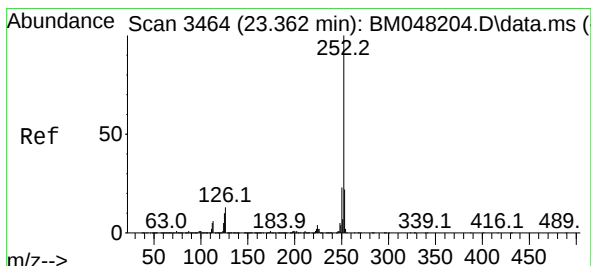
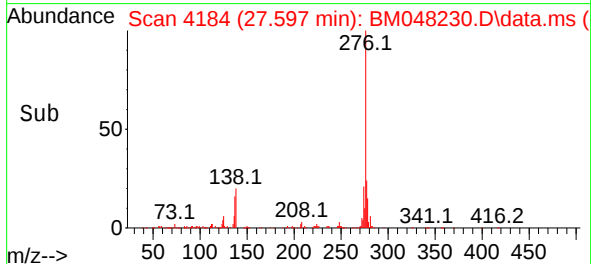
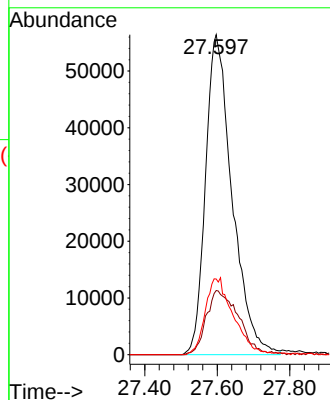
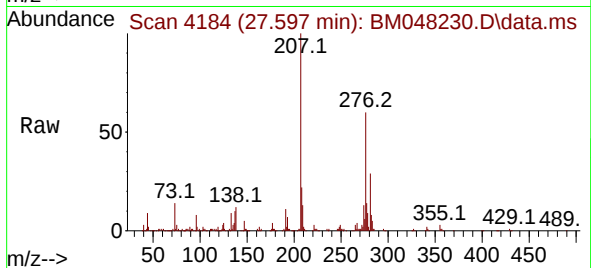
Tgt Ion:276 Resp: 287625

Ion Ratio Lower Upper

276 100

138 24.0 19.8 29.6

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 3.290 ng

RT: 23.344 min Scan# 3461

Delta R.T. -0.018 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

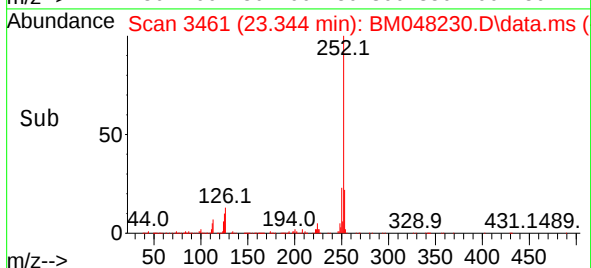
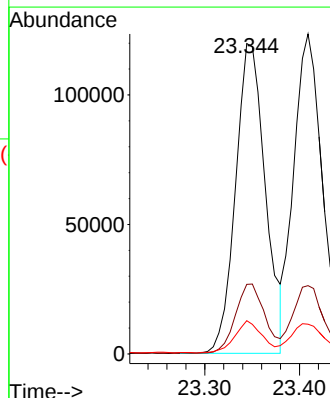
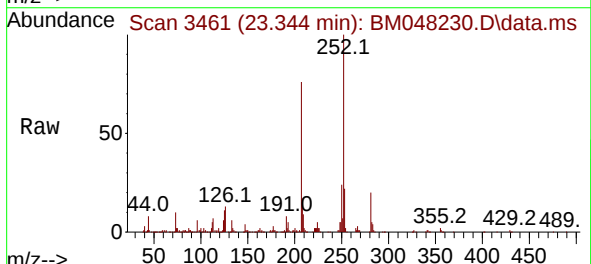
Tgt Ion:252 Resp: 261683

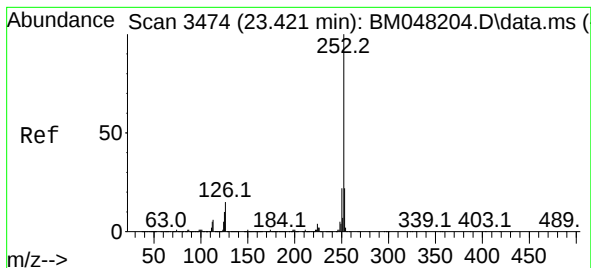
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 3.460 ng

RT: 23.409 min Scan# 3474

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

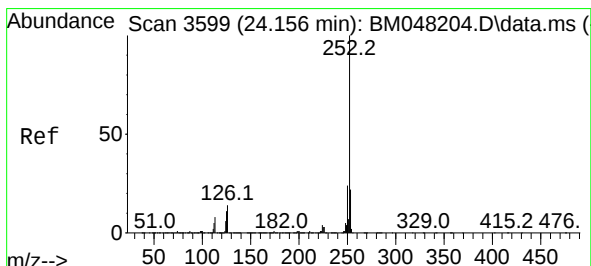
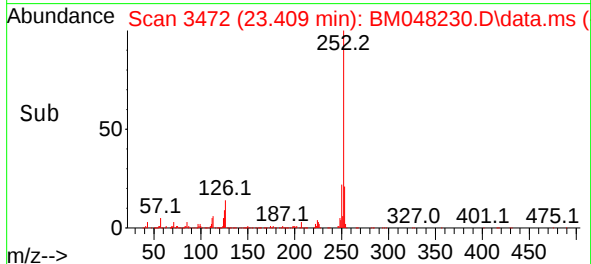
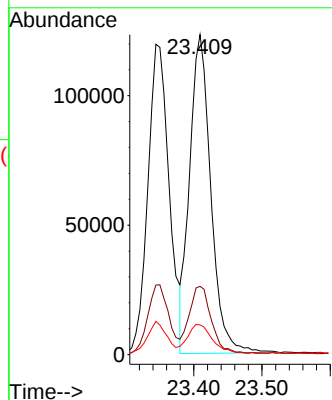
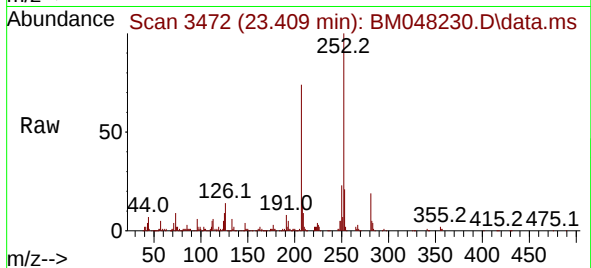
Tgt Ion:252 Resp: 266095

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 9.3 7.8 11.6



#90

Benzo(a)pyrene

Concen: 3.246 ng

RT: 24.138 min Scan# 3596

Delta R.T. -0.018 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

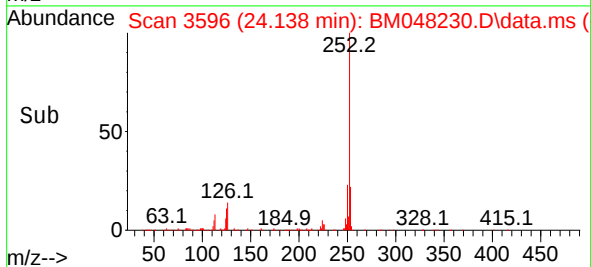
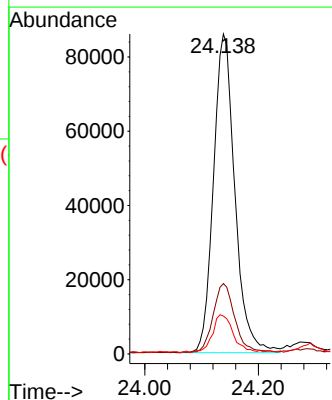
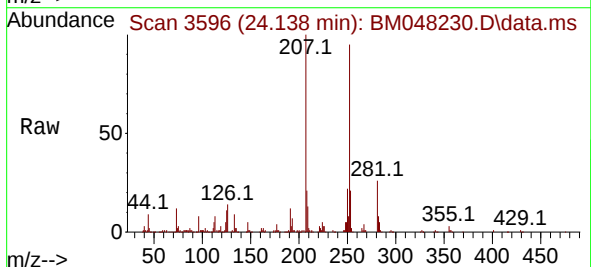
Tgt Ion:252 Resp: 224454

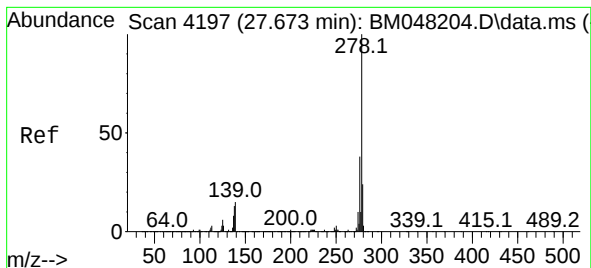
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.126 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

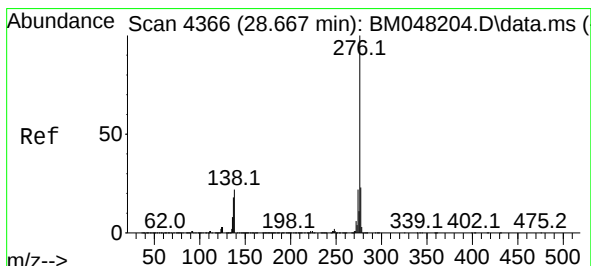
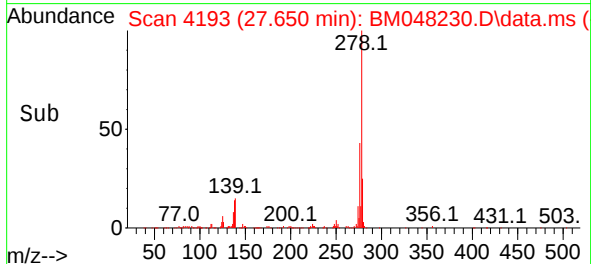
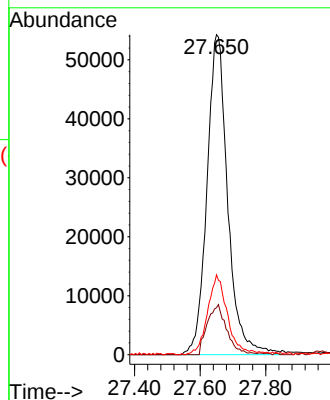
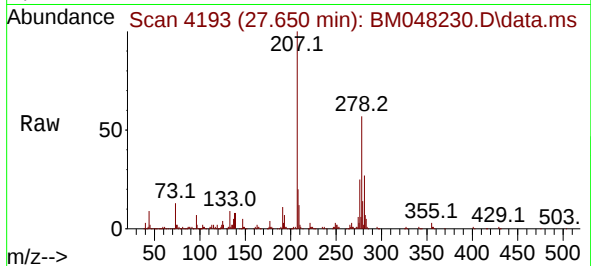
Tgt Ion:278 Resp: 238789

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 24.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 2.974 ng

RT: 28.638 min Scan# 4361

Delta R.T. -0.029 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:276 Resp: 232608

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 20.9 17.5 26.3

