

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048220.D
 Acq On : 24 Oct 2024 17:08
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-05 ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 24 17:44:19 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	197964	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	798264	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	508785	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1023122	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1004888	20.000	ng	0.00
86) Perylene-d12	24.286	264	1104440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1149366	97.594	ng	0.00
7) Phenol-d6	6.898	99	1504128	98.069	ng	0.00
23) Nitrobenzene-d5	8.875	82	1013067	71.656	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	626145	100.544	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	2363797	71.292	ng	0.00
79) Terphenyl-d14	19.733	244	3367148	68.380	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	24714	5.127	ng	97
3) Pyridine	3.616	79	55594	4.341	ng	97
4) n-Nitrosodimethylamine	3.516	42	27505	5.059	ng	# 87
6) Aniline	7.051	93	80714	6.340	ng	99
8) 2-Chlorophenol	7.287	128	66138	5.169	ng	96
9) Benzaldehyde	6.863	77	55885	7.416	ng	95
10) Phenol	6.922	94	81176	5.261	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	62548	5.089	ng	99
12) 1,3-Dichlorobenzene	7.604	146	74277	5.035	ng	99
13) 1,4-Dichlorobenzene	7.751	146	75353	5.028	ng	100
14) 1,2-Dichlorobenzene	8.069	146	73143	5.050	ng	99
15) Benzyl Alcohol	7.969	79	46259	4.728	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	96511	5.368	ng	98
17) 2-Methylphenol	8.169	107	47998	4.681	ng	99
18) Hexachloroethane	8.792	117	26487	4.822	ng	95
19) n-Nitroso-di-n-propyla...	8.522	70	46817	4.825	ng	98
20) 3+4-Methylphenols	8.504	107	63451	4.467	ng	99
22) Acetophenone	8.540	105	99061	5.085	ng	98
24) Nitrobenzene	8.916	77	72454	4.946	ng	98
25) Isophorone	9.445	82	129047	4.980	ng	98
26) 2-Nitrophenol	9.634	139	29733	4.396	ng	98
27) 2,4-Dimethylphenol	9.704	122	23876	2.910	ng	89
28) bis(2-Chloroethoxy)met...	9.928	93	79124	4.825	ng	99
29) 2,4-Dichlorophenol	10.181	162	52403	4.439	ng	94
30) 1,2,4-Trichlorobenzene	10.375	180	66350	4.908	ng	97
31) Naphthalene	10.557	128	208519	5.008	ng	99
32) Benzoic acid	9.787	122	28603	3.132	ng	98
33) 4-Chloroaniline	10.686	127	68798	5.095	ng	98
34) Hexachlorobutadiene	10.845	225	39410	4.703	ng	97
35) Caprolactam	11.463	113	16069	4.191	ng	94
36) 4-Chloro-3-methylphenol	11.816	107	55442	4.499	ng	97
37) 2-Methylnaphthalene	12.175	142	136634	4.912	ng	97
38) 1-Methylnaphthalene	12.398	142	131295	4.760	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	73118	5.028	ng	99
41) Hexachlorocyclopentadiene	12.528	237	7048	1.432	ng	93
43) 2,4,6-Trichlorophenol	12.798	196	42897	4.445	ng	97

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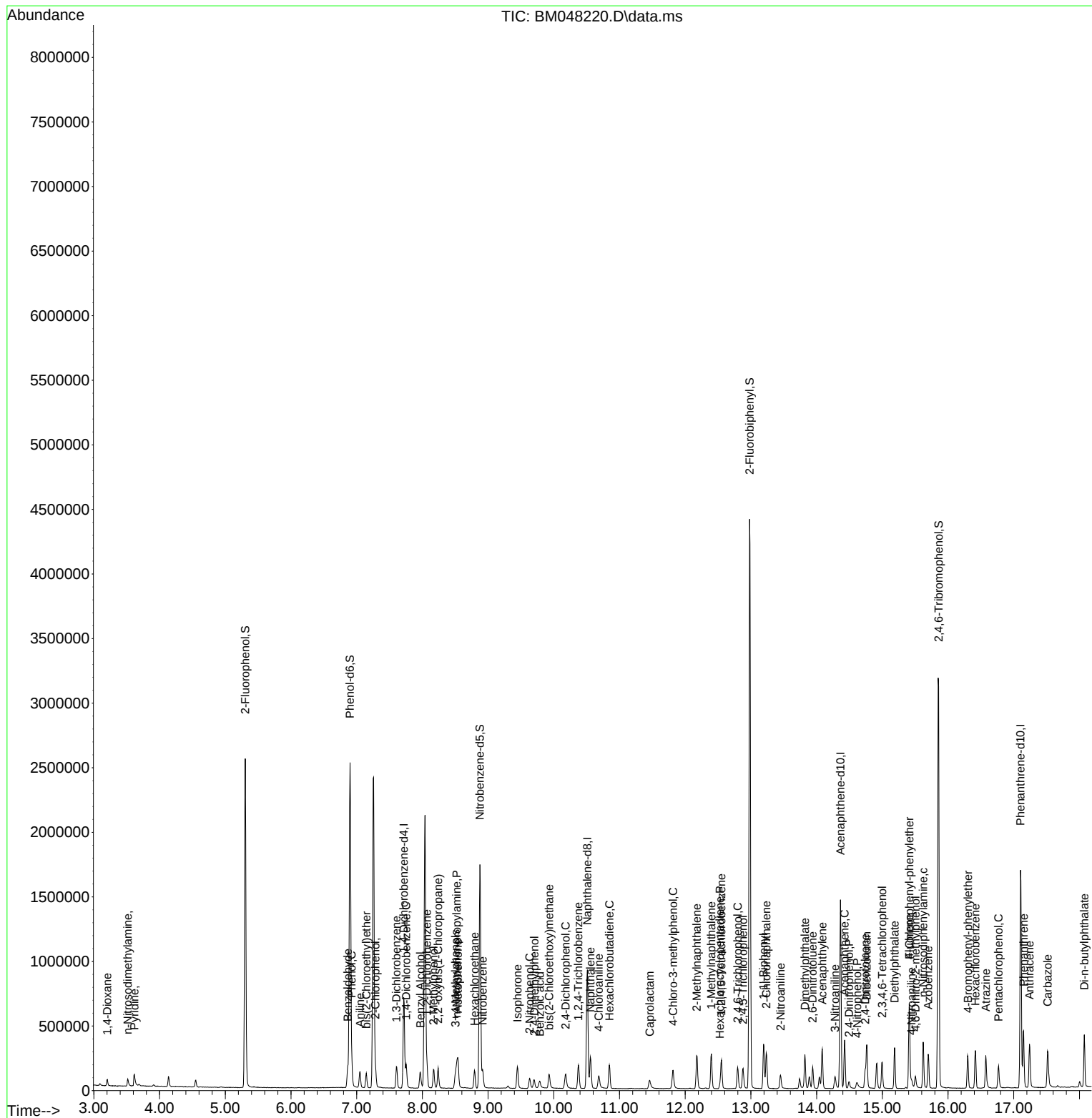
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	47963	4.457	ng	99
46) 1,1'-Biphenyl	13.192	154	192948	5.312	ng	99
47) 2-Chloronaphthalene	13.233	162	141191	4.930	ng	99
48) 2-Nitroaniline	13.451	65	33359	4.294	ng	95
49) Acenaphthylene	14.086	152	220438	5.275	ng	99
50) Dimethylphthalate	13.822	163	176165	5.072	ng	98
51) 2,6-Dinitrotoluene	13.939	165	32948	4.251	ng	92
52) Acenaphthene	14.427	154	133036	5.011	ng	98
53) 3-Nitroaniline	14.280	138	31068	4.251	ng	99
54) 2,4-Dinitrophenol	14.492	184	13298	2.936	ng	96
55) Dibenzofuran	14.763	168	219852	5.212	ng	99
56) 4-Nitrophenol	14.616	139	21089	3.233	ng	90
57) 2,4-Dinitrotoluene	14.739	165	40583	3.965	ng	98
58) Fluorene	15.410	166	169517	5.082	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	44104	4.944	ng	98
60) Diethylphthalate	15.186	149	171899	4.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	84769	5.083	ng	98
62) 4-Nitroaniline	15.445	138	27733	3.666	ng	93
63) Azobenzene	15.698	77	154052	4.888	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	20511	3.455	ng	92
66) n-Nitrosodiphenylamine	15.621	169	139611	4.971	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	51331	4.948	ng	96
68) Hexachlorobenzene	16.415	284	62984	5.055	ng	99
69) Atrazine	16.574	200	47896	6.095	ng	92
70) Pentachlorophenol	16.768	266	33799	4.132	ng	96
71) Phenanthrene	17.151	178	270522	5.340	ng	99
72) Anthracene	17.239	178	230742	4.705	ng	100
73) Carbazole	17.515	167	230094	4.786	ng	99
74) Di-n-butylphthalate	18.074	149	286670	4.790	ng	100
75) Fluoranthene	19.168	202	300052	4.965	ng	99
77) Benzidine	19.356	184	45458	3.920	ng	99
78) Pyrene	19.527	202	322626	4.797	ng	99
80) Butylbenzylphthalate	20.427	149	125764	4.471	ng	99
81) Benzo(a)anthracene	21.315	228	319477	4.975	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	101074	4.595	ng	98
83) Chrysene	21.374	228	317707	5.154	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	194086	4.748	ng	99
85) Di-n-octyl phthalate	22.350	149	298107	4.211	ng	99
87) Indeno(1,2,3-cd)pyrene	27.603	276	381725	5.227	ng	100
88) Benzo(b)fluoranthene	23.350	252	321179	5.072	ng	98
89) Benzo(k)fluoranthene	23.415	252	319367	5.216	ng	98
90) Benzo(a)pyrene	24.144	252	285817	5.192	ng	100
91) Dibenzo(a,h)anthracene	27.650	278	315734	5.191	ng	99
92) Benzo(g,h,i)perylene	28.644	276	307449	4.937	ng	98

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

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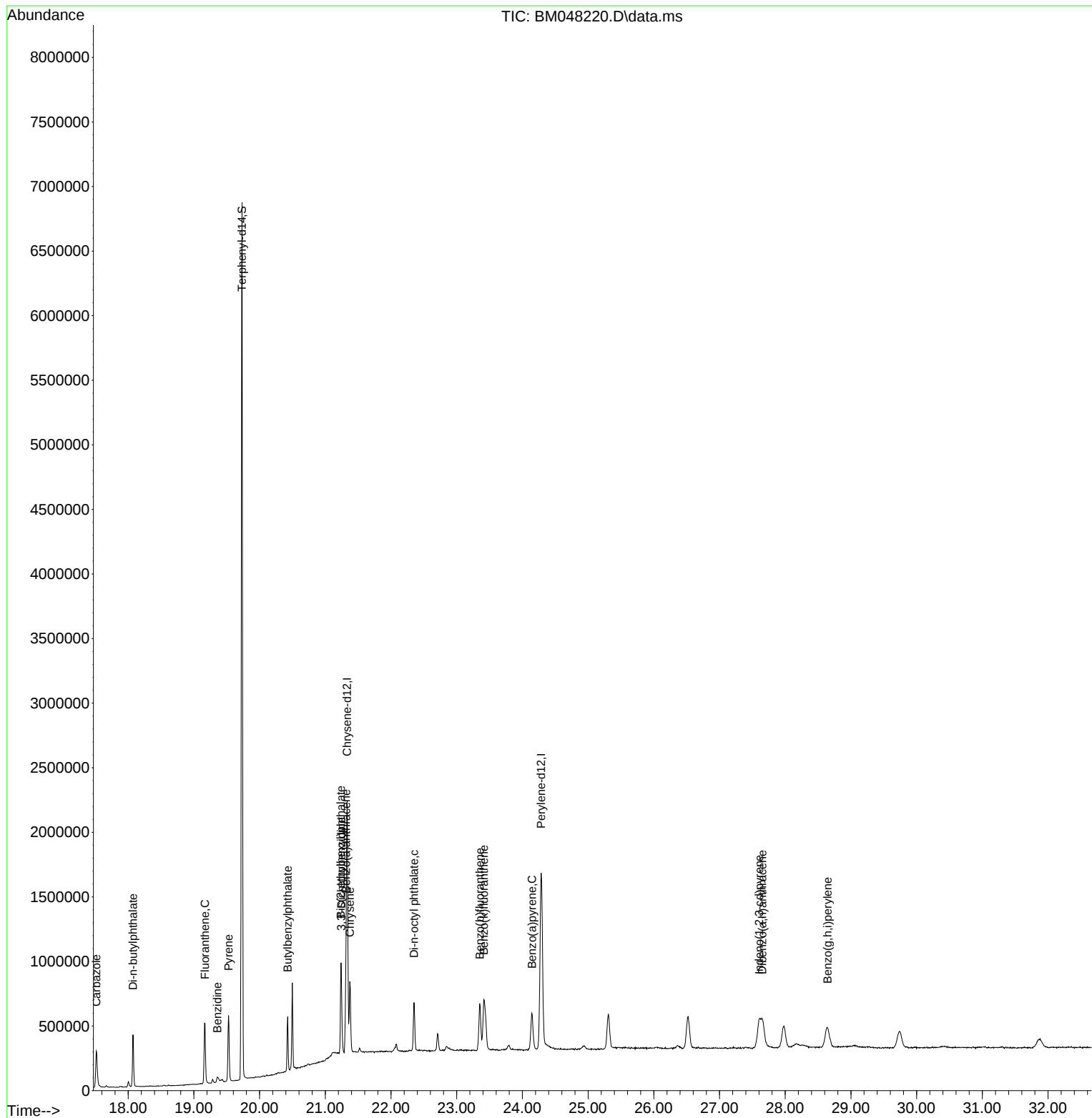
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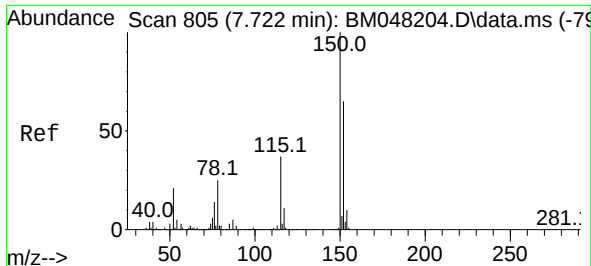


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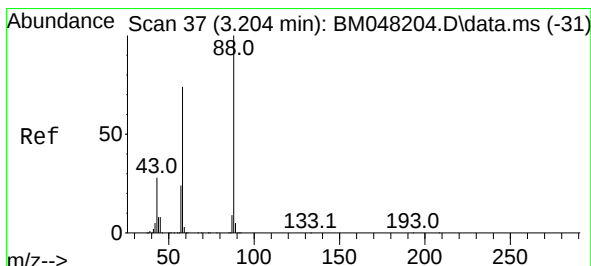
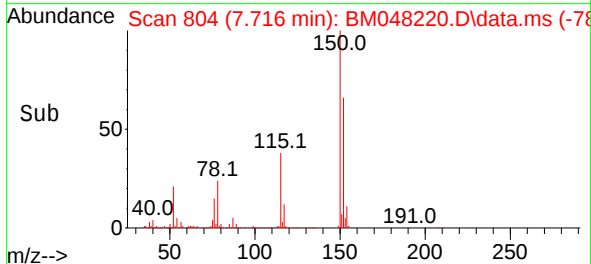
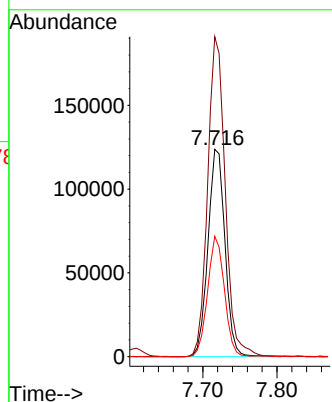
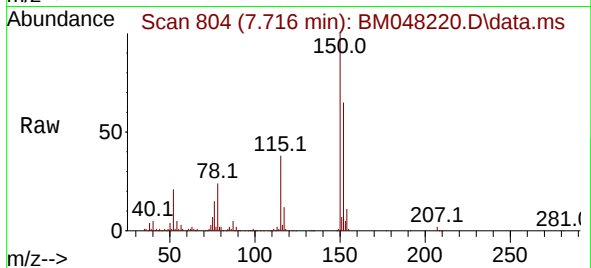




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

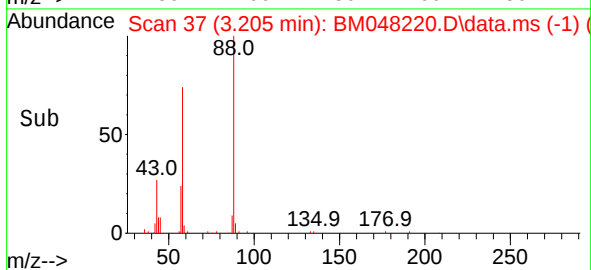
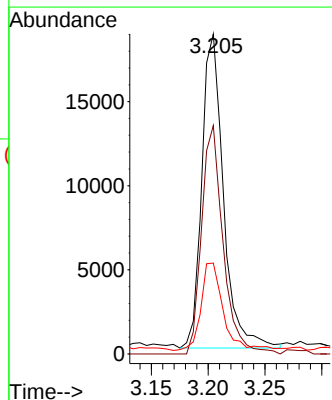
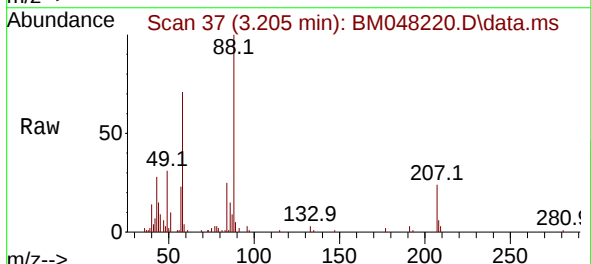
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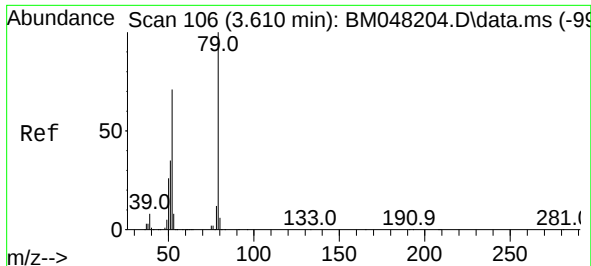
Tgt Ion:152 Resp: 197964
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 58.1 45.8 68.6



#2
1,4-Dioxane
Concen: 5.127 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion: 88 Resp: 24714
Ion Ratio Lower Upper
88 100
58 72.2 59.7 89.5
43 29.3 22.6 33.8





#3

Pyridine

Concen: 4.341 ng

RT: 3.616 min Scan# 106

Delta R.T. 0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

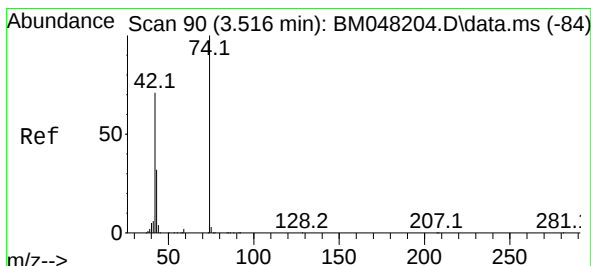
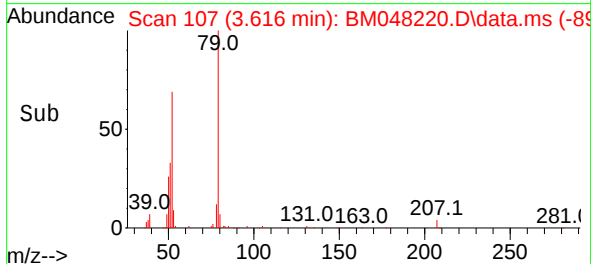
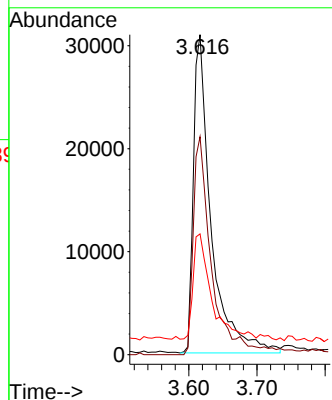
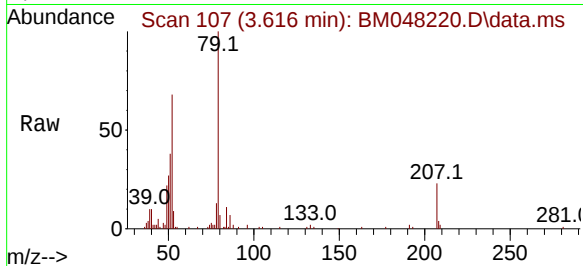
Tgt Ion: 79 Resp: 55594

Ion Ratio Lower Upper

79 100

52 68.1 56.5 84.7

51 37.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 5.059 ng

RT: 3.516 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

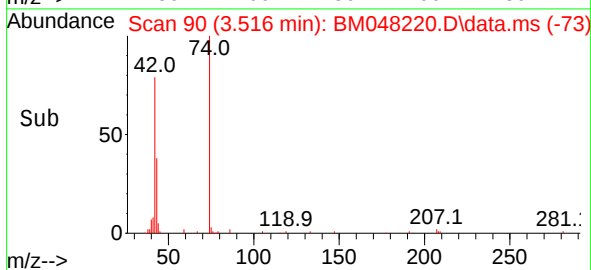
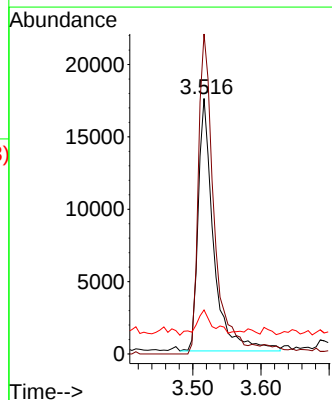
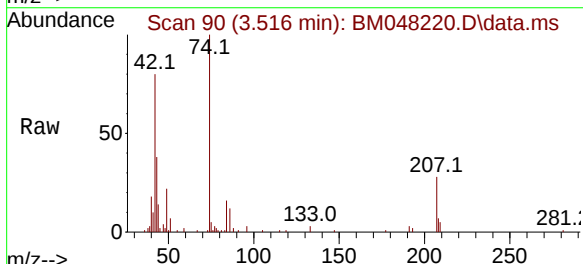
Tgt Ion: 42 Resp: 27505

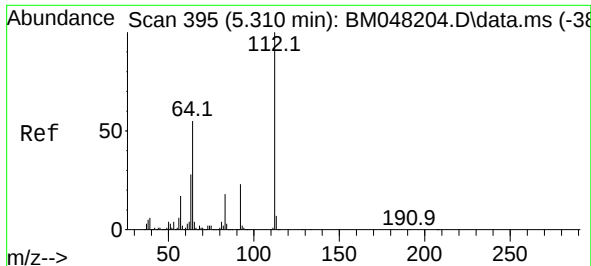
Ion Ratio Lower Upper

42 100

74 125.2 111.8 167.6

44 17.2 6.0 9.0#

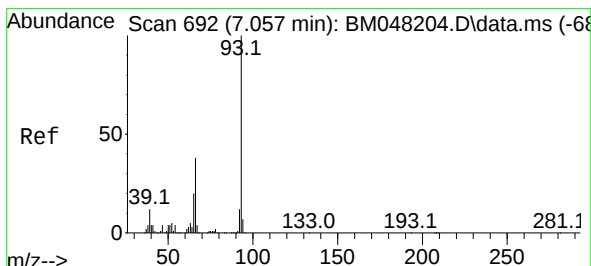
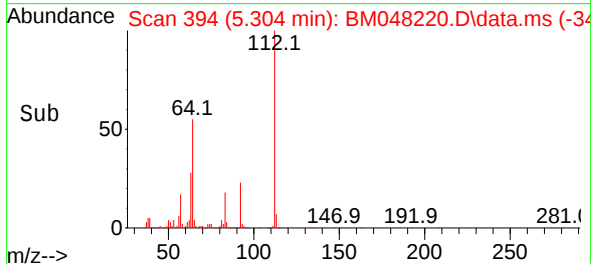
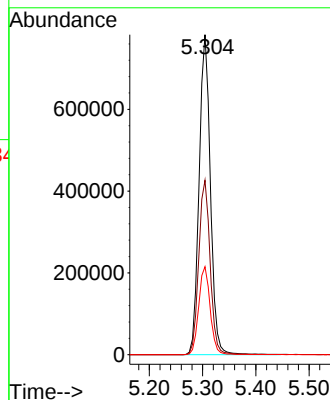
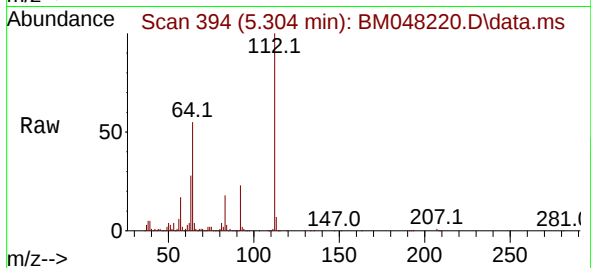




#5
2-Fluorophenol
Concen: 97.594 ng
RT: 5.304 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048220.D
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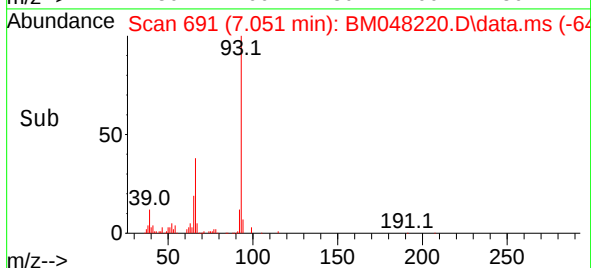
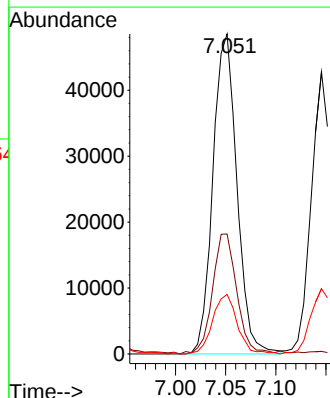
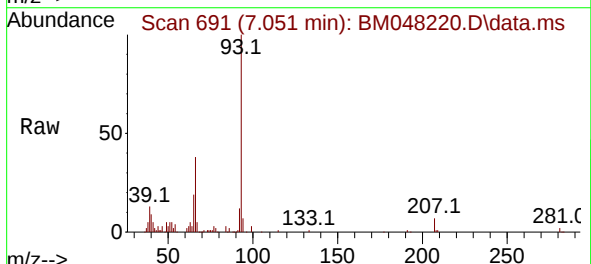
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2024

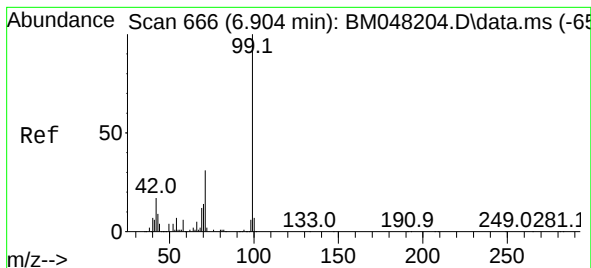
Tgt Ion:112 Resp: 1149366
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.5 22.7 34.1



#6
Aniline
Concen: 6.340 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion: 93 Resp: 80714
Ion Ratio Lower Upper
93 100
66 37.5 30.2 45.2
65 18.6 16.2 24.2





#7

Phenol-d6

Concen: 98.069 ng

RT: 6.898 min Scan# 666

Delta R.T. -0.006 min

Lab File: BM048220.D

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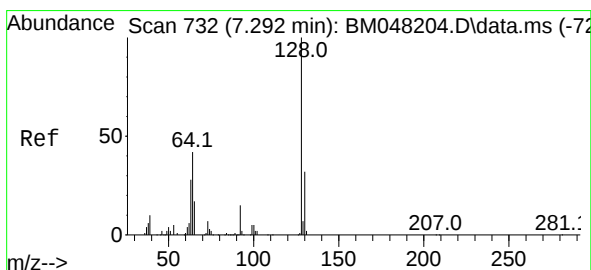
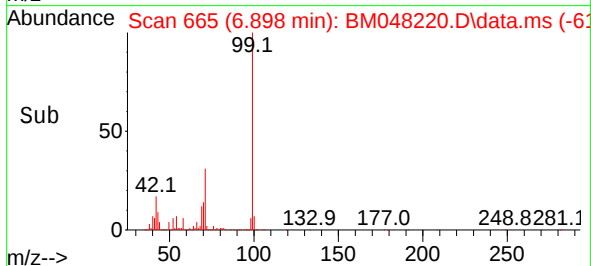
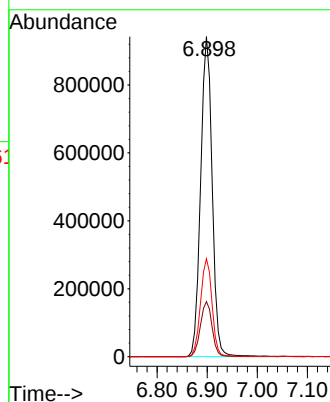
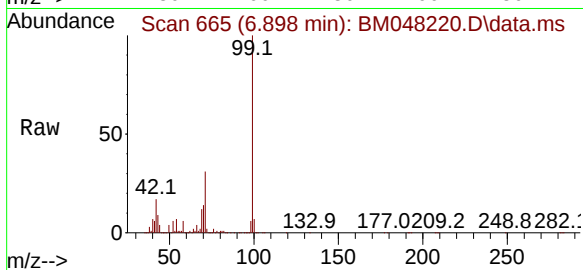
Tgt Ion: 99 Resp: 1504128

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 30.6 24.9 37.3



#8

2-Chlorophenol

Concen: 5.169 ng

RT: 7.287 min Scan# 731

Delta R.T. -0.006 min

Lab File: BM048220.D

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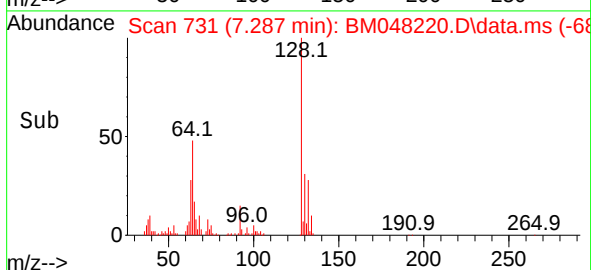
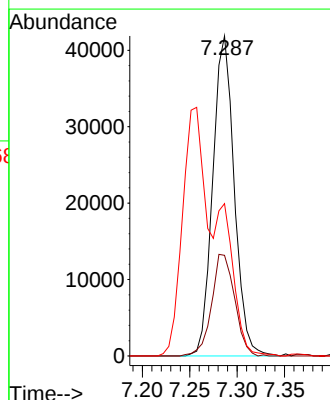
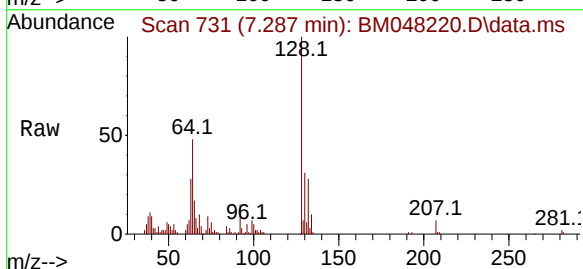
Tgt Ion: 128 Resp: 66138

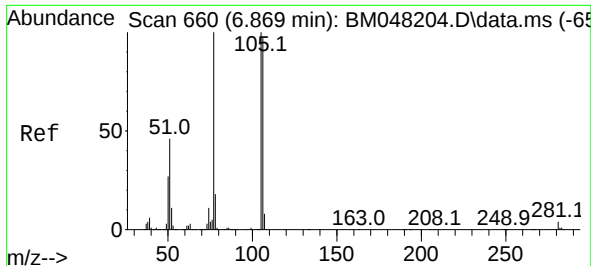
Ion Ratio Lower Upper

128 100

130 31.5 12.1 52.1

64 47.6 23.8 63.8

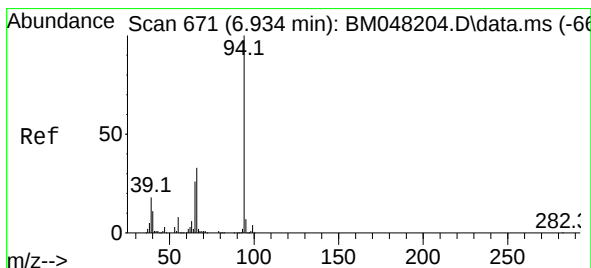
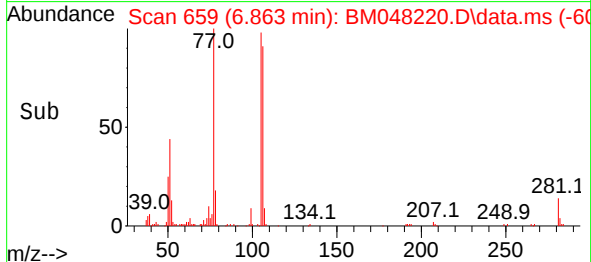
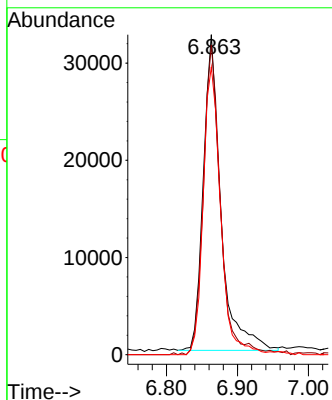
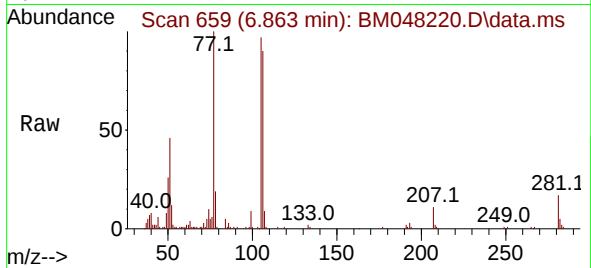




#9
Benzaldehyde
Concen: 7.416 ng
RT: 6.863 min Scan# 660
Delta R.T. -0.006 min
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Acq: 24 Oct 2024 17:08

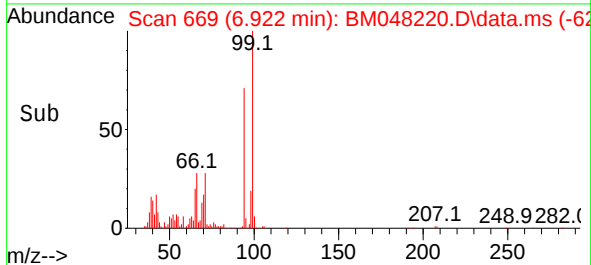
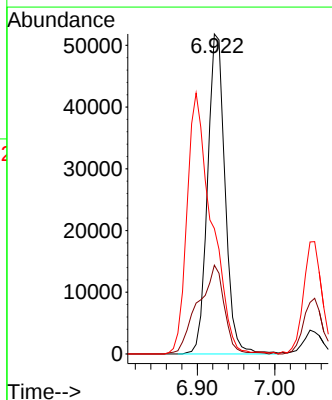
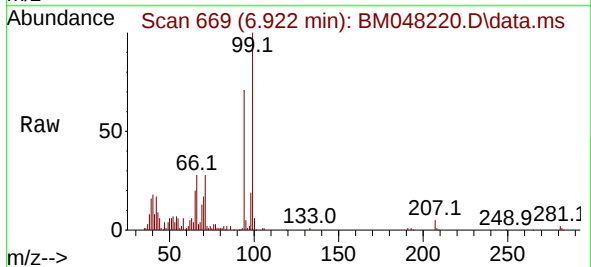
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

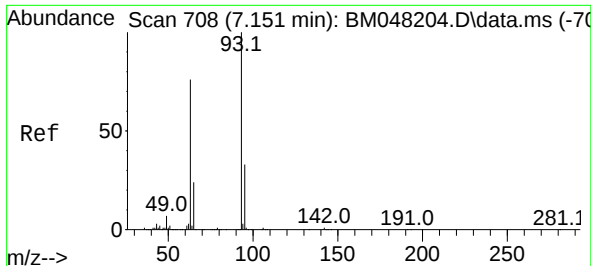
Tgt Ion: 77 Resp: 55885
Ion Ratio Lower Upper
77 100
105 96.8 79.6 119.6
106 89.9 77.0 117.0



#10
Phenol
Concen: 5.261 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion: 94 Resp: 81176
Ion Ratio Lower Upper
94 100
65 27.8 6.5 46.5
66 39.2 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 5.089 ng

RT: 7.146 min Scan# 708

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

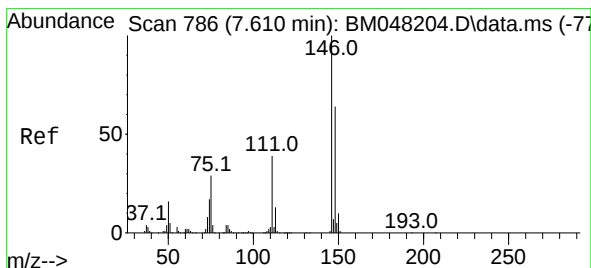
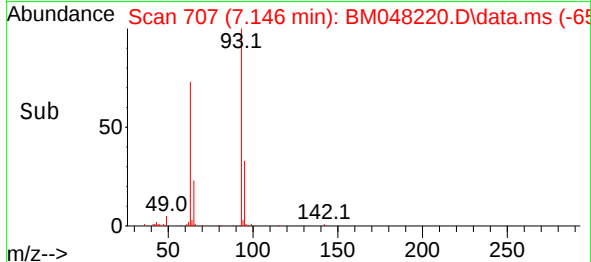
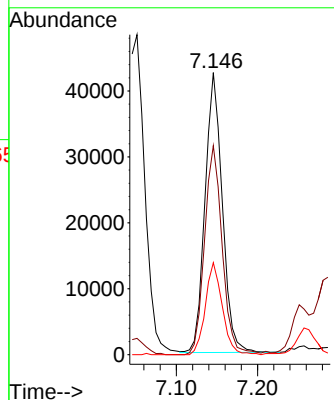
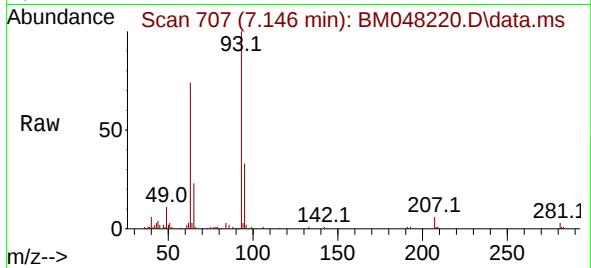
Tgt Ion: 93 Resp: 62548

Ion Ratio Lower Upper

93 100

63 74.1 55.3 95.3

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 5.035 ng

RT: 7.604 min Scan# 785

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

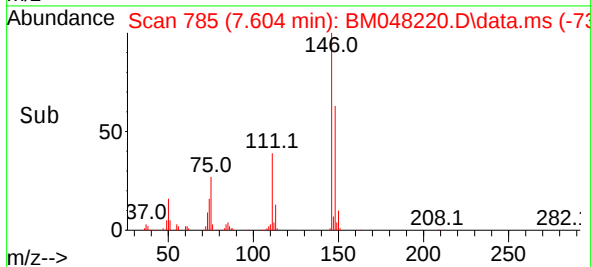
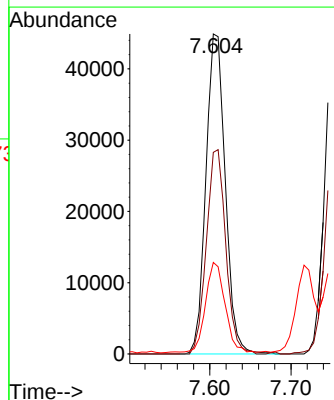
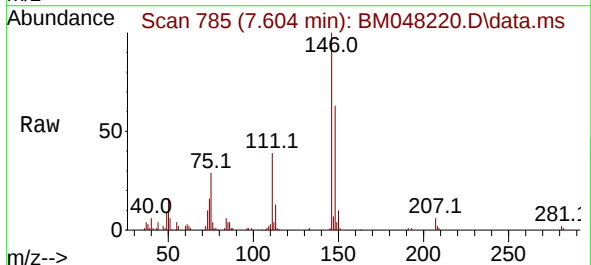
Tgt Ion:146 Resp: 74277

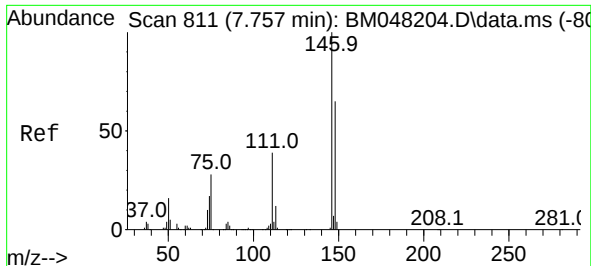
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

75 28.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 5.028 ng

RT: 7.751 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

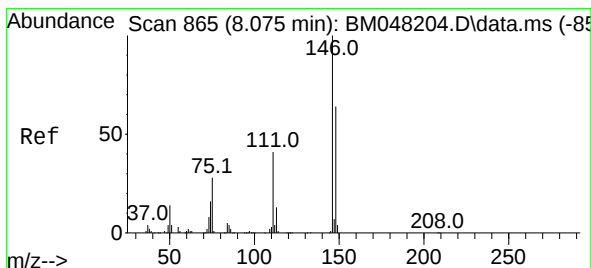
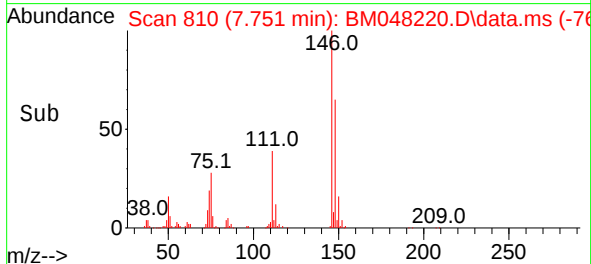
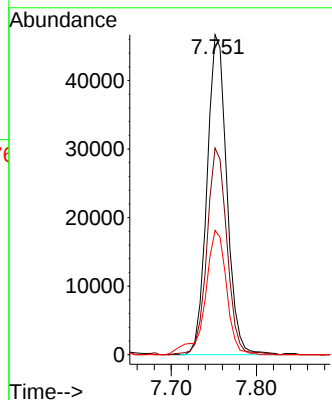
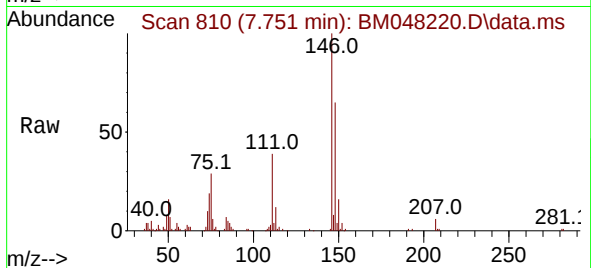
Tgt Ion:146 Resp: 75353

Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

111 38.8 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 5.050 ng

RT: 8.069 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

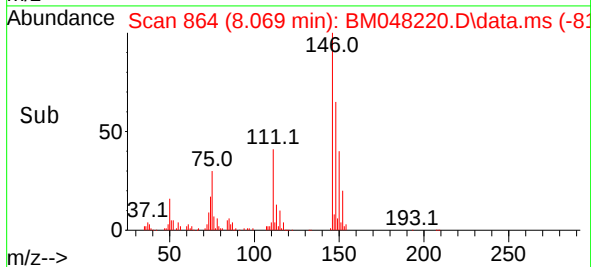
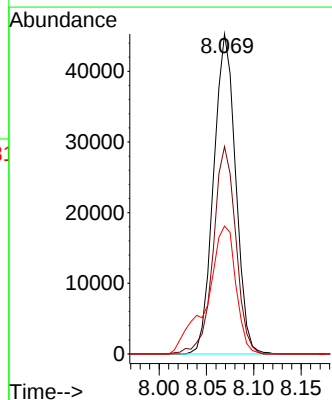
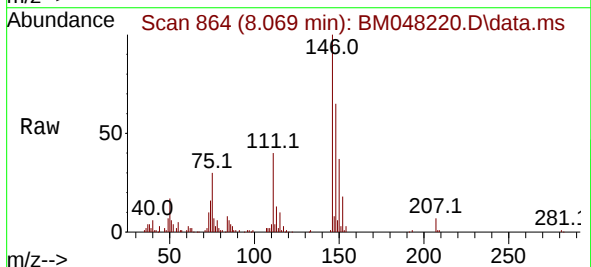
Tgt Ion:146 Resp: 73143

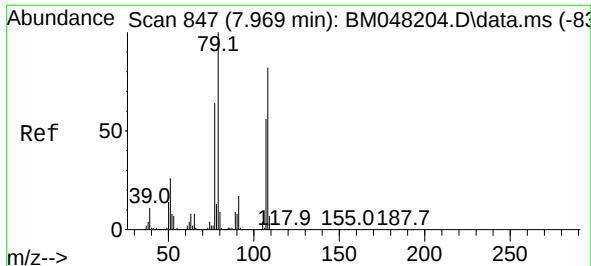
Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 39.9 32.7 49.1

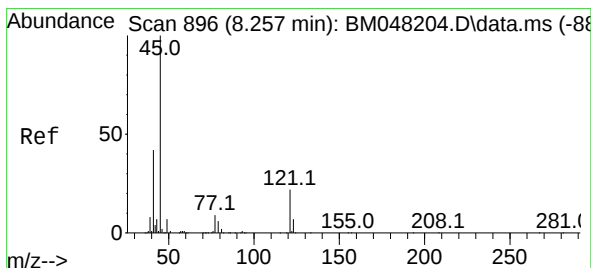
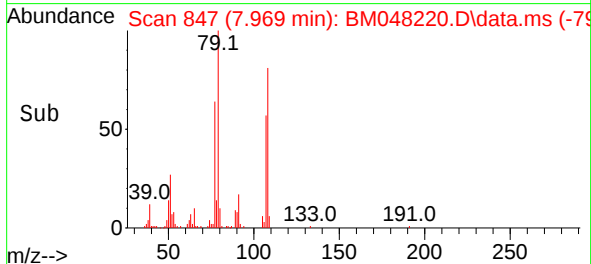
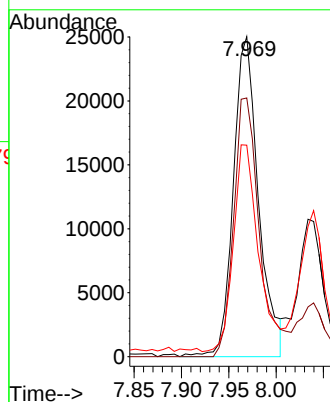
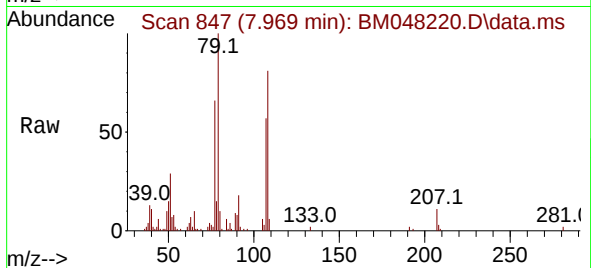




#15
Benzyl Alcohol
Concen: 4.728 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

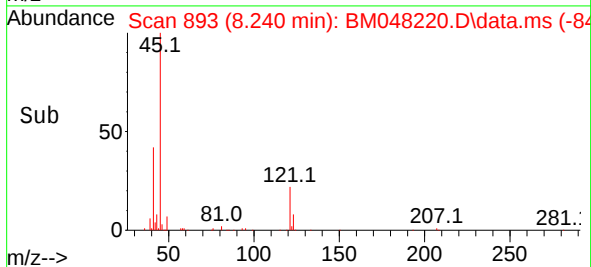
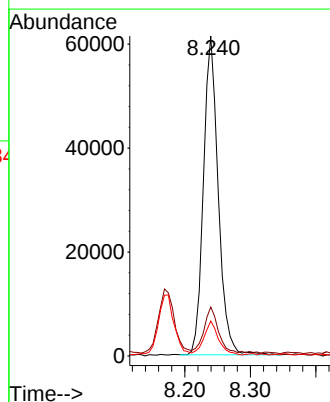
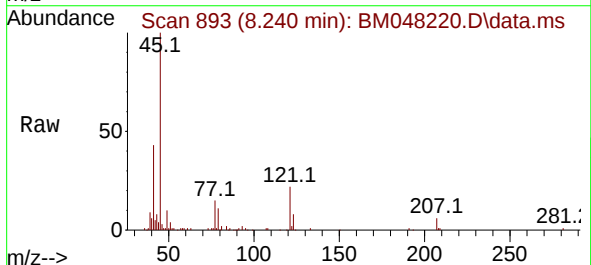
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

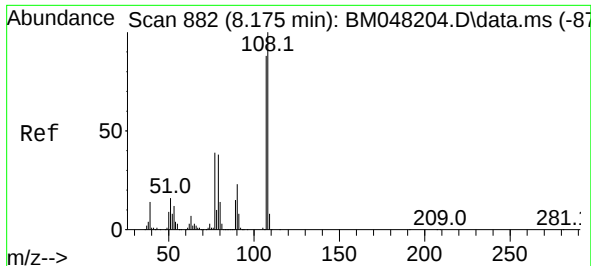
Tgt Ion: 79 Resp: 46259
Ion Ratio Lower Upper
79 100
108 80.9 65.2 97.8
77 66.1 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.368 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion: 45 Resp: 96511
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.2
79 10.9 0.0 30.7

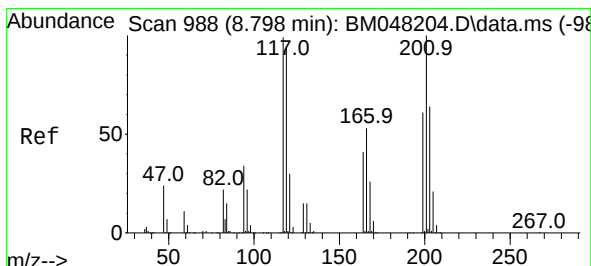
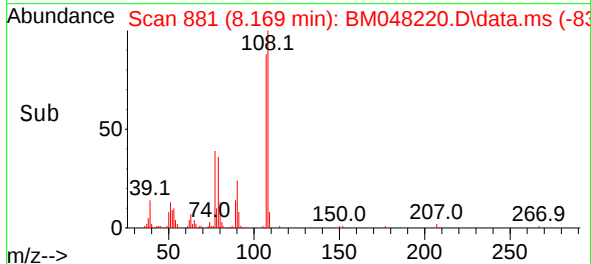
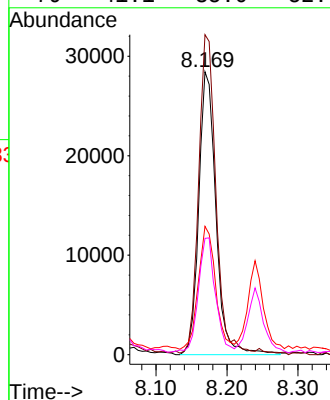
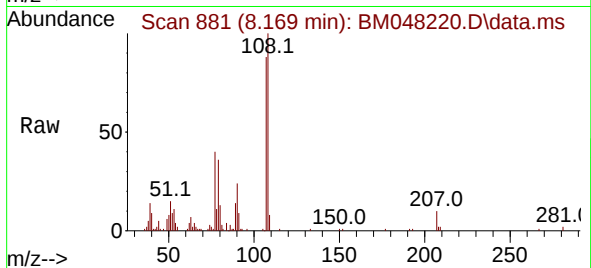




#17
2-Methylphenol
Concen: 4.681 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

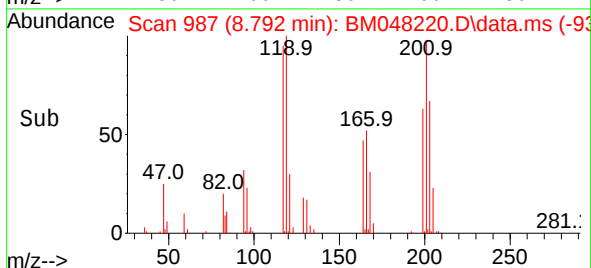
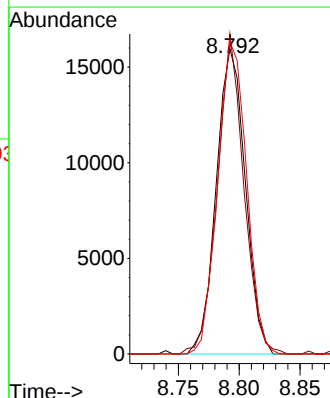
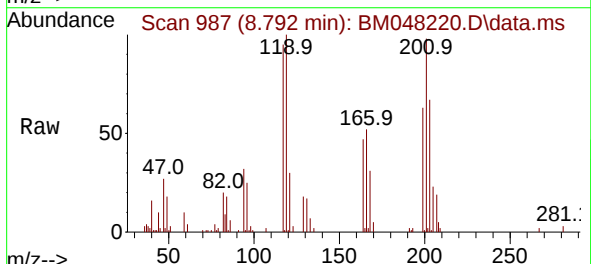
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

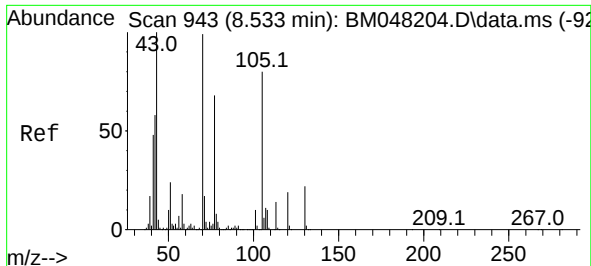
Tgt Ion:107 Resp: 47998
Ion Ratio Lower Upper
107 100
108 113.1 91.3 136.9
77 45.4 36.2 54.2
79 41.1 35.0 52.6



#18
Hexachloroethane
Concen: 4.822 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:117 Resp: 26487
Ion Ratio Lower Upper
117 100
119 104.9 76.5 114.7
201 102.3 80.9 121.3

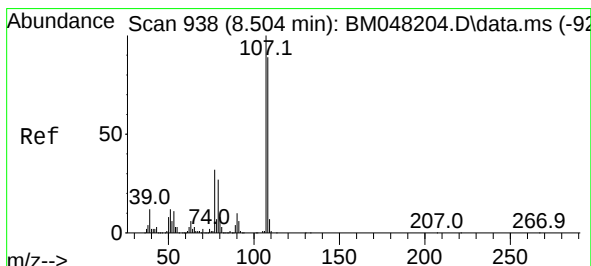
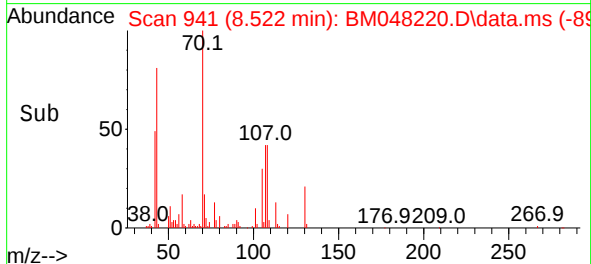
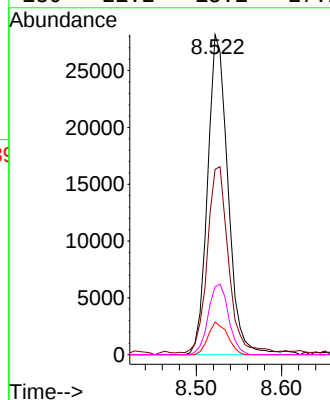
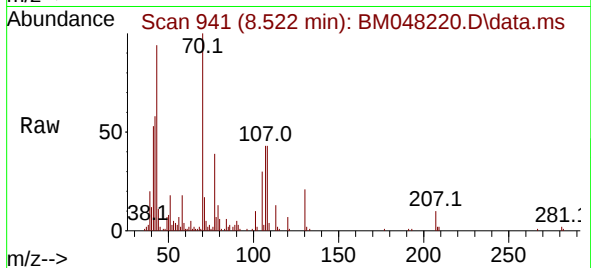




#19
n-Nitroso-di-n-propylamine
Concen: 4.825 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

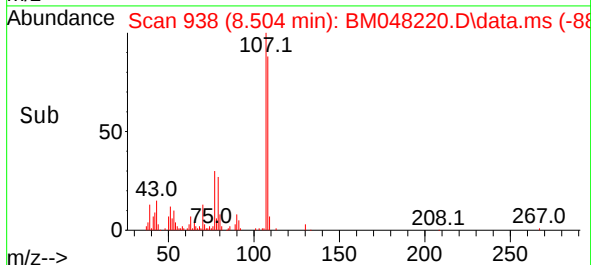
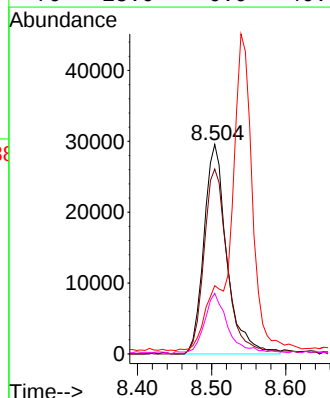
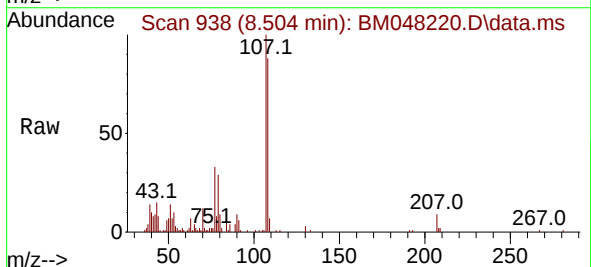
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

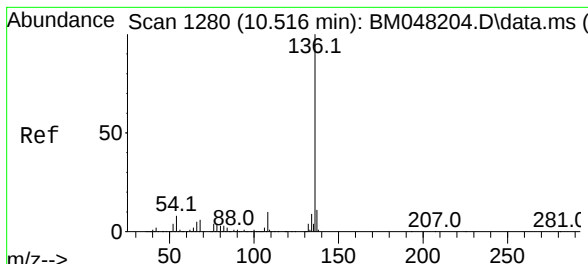
Tgt Ion: 70 Resp: 46817
Ion Ratio Lower Upper
70 100
42 57.9 47.0 70.6
101 10.2 7.8 11.6
130 21.2 18.1 27.1



#20
3+4-Methylphenols
Concen: 4.467 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion: 107 Resp: 63451
Ion Ratio Lower Upper
107 100
108 88.2 69.0 109.0
77 32.6 12.3 52.3
79 28.9 6.9 46.9

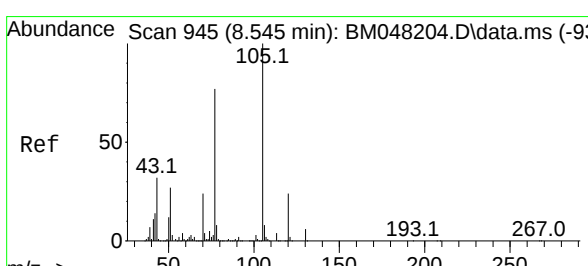
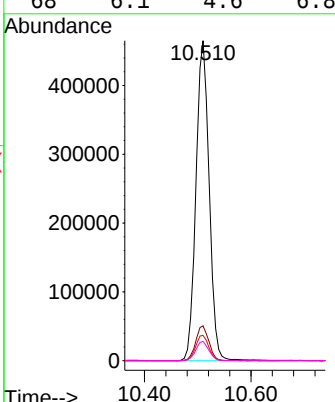
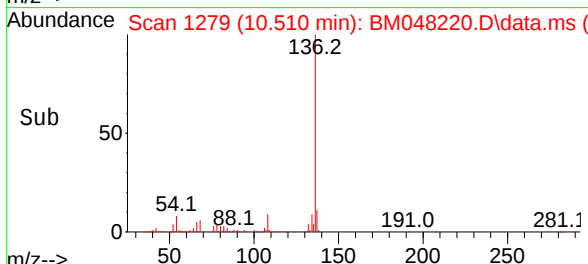
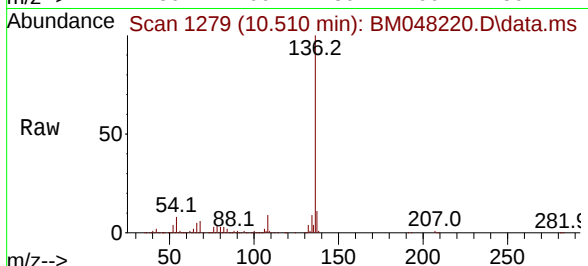




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

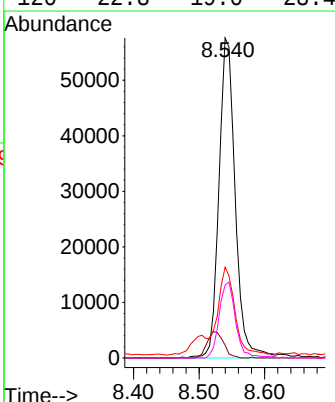
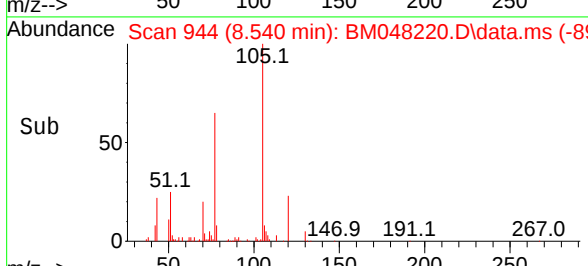
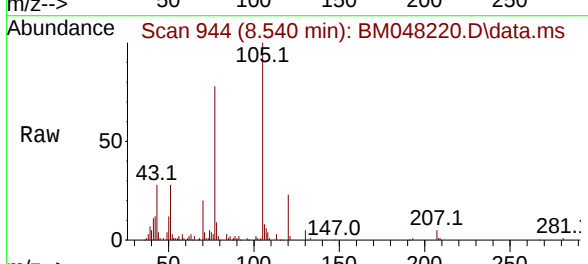
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2024

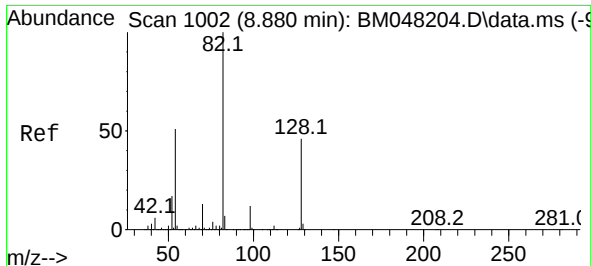
Tgt Ion:	136	Resp:	798264
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.9	6.5	9.7
68	6.1	4.6	6.8



#22
Acetophenone
Concen: 5.085 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:	105	Resp:	99061
Ion Ratio	Lower	Upper	
105	100		
71	4.0	3.4	5.0
51	28.4	21.7	32.5
120	22.8	19.0	28.4





#23

Nitrobenzene-d5

Concen: 71.656 ng

RT: 8.875 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

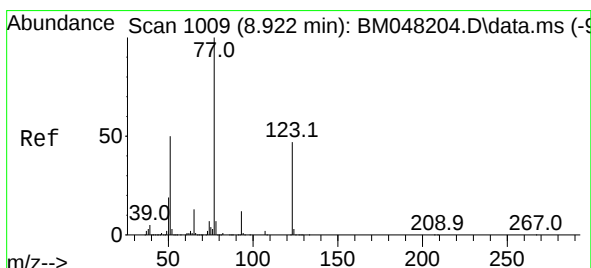
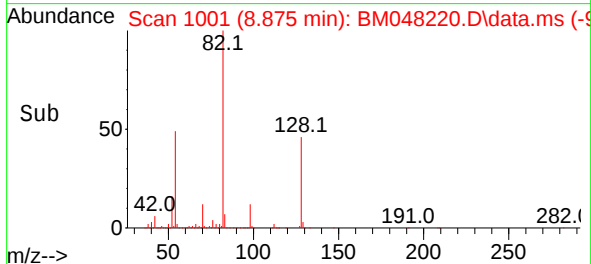
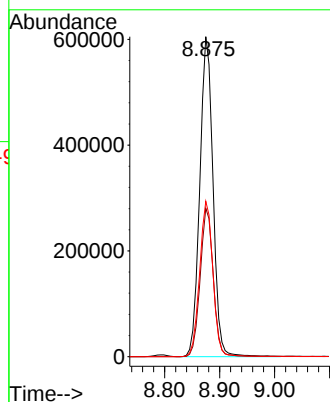
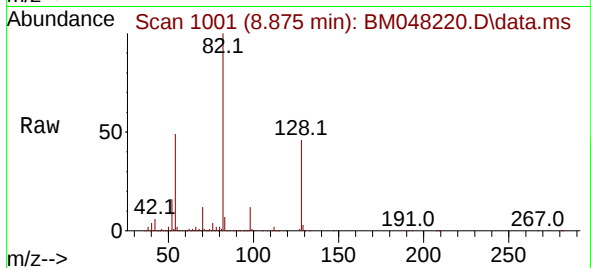
Tgt Ion: 82 Resp: 1013067

Ion Ratio Lower Upper

82 100

128 46.4 36.6 54.8

54 48.6 41.0 61.4



#24

Nitrobenzene

Concen: 4.946 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

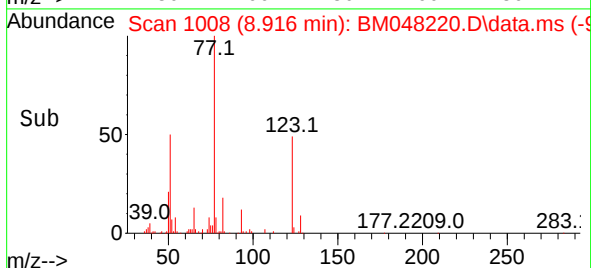
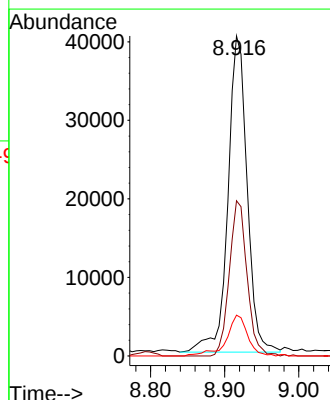
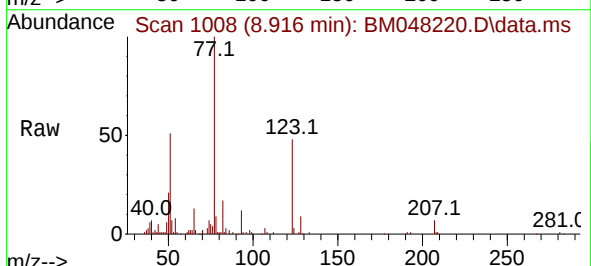
Tgt Ion: 77 Resp: 72454

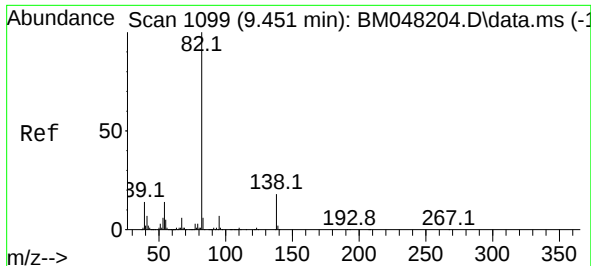
Ion Ratio Lower Upper

77 100

123 48.5 37.8 56.6

65 12.7 10.4 15.6





#25

Isophorone

Concen: 4.980 ng

RT: 9.445 min Scan# 1099

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

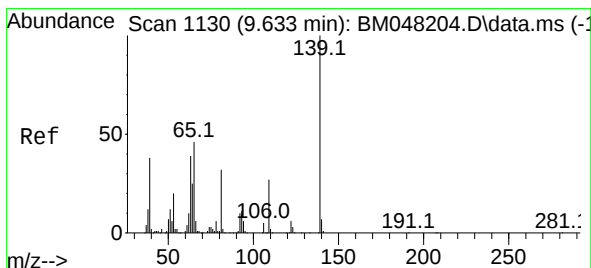
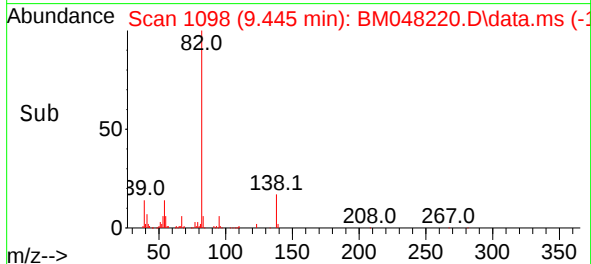
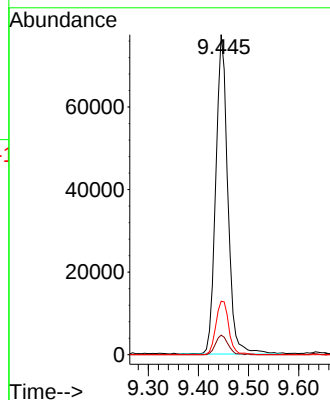
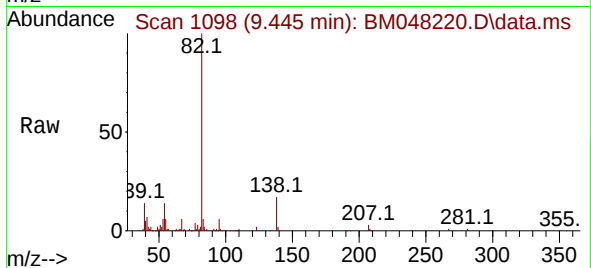
Tgt Ion: 82 Resp: 129047

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

138 16.7 14.3 21.5



#26

2-Nitrophenol

Concen: 4.396 ng

RT: 9.634 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

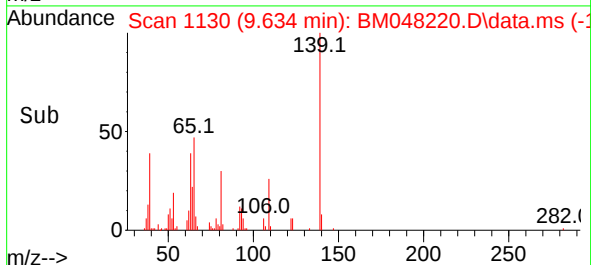
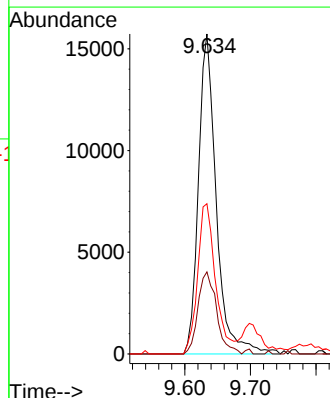
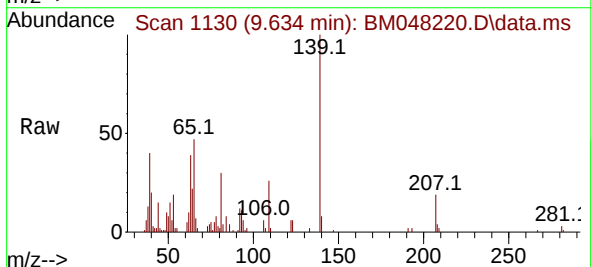
Tgt Ion:139 Resp: 29733

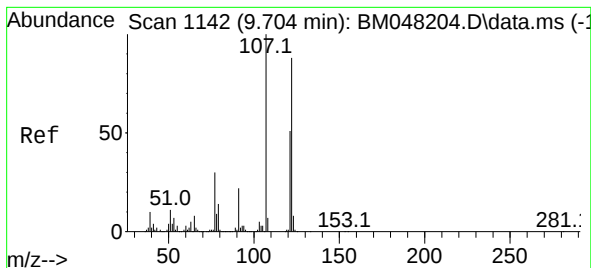
Ion Ratio Lower Upper

139 100

109 25.7 21.2 31.8

65 46.9 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 2.910 ng

RT: 9.704 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM048220.D

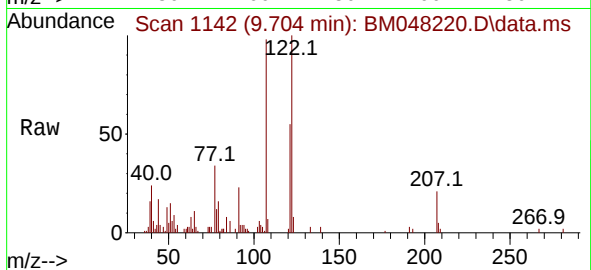
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



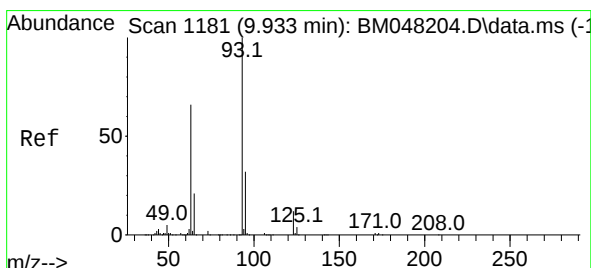
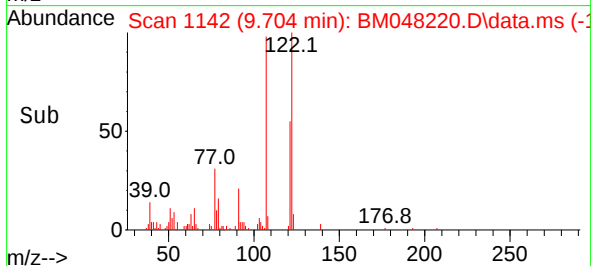
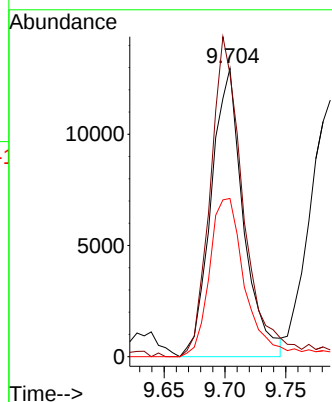
Tgt Ion:122 Resp: 23876

Ion Ratio Lower Upper

122 100

107 98.0 91.0 136.6

121 54.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.825 ng

RT: 9.928 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

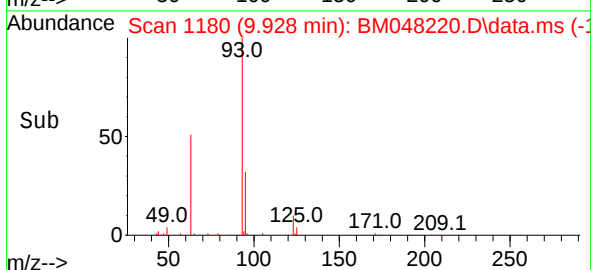
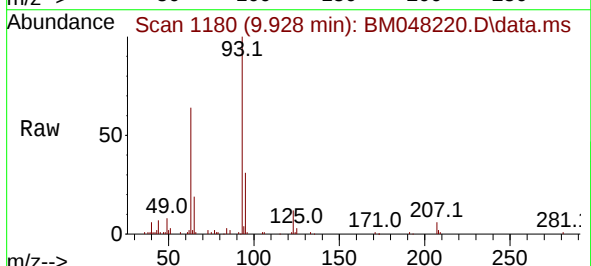
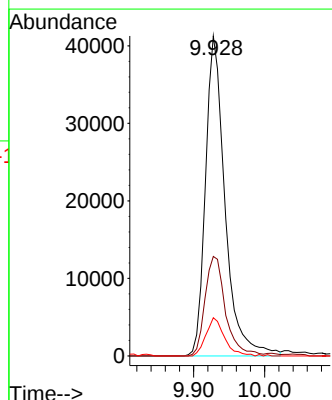
Tgt Ion: 93 Resp: 79124

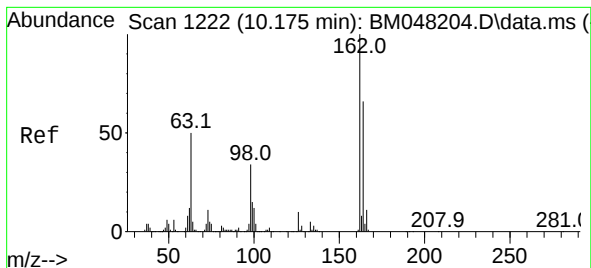
Ion Ratio Lower Upper

93 100

95 31.1 25.3 37.9

123 11.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 4.439 ng

RT: 10.181 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

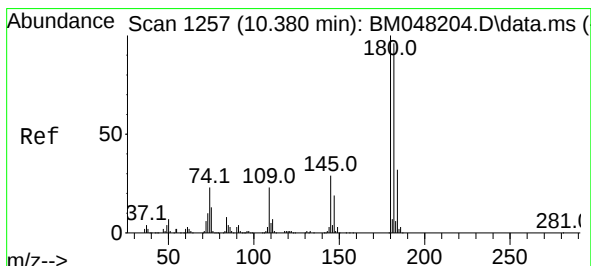
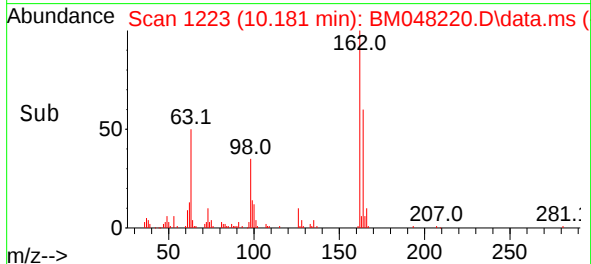
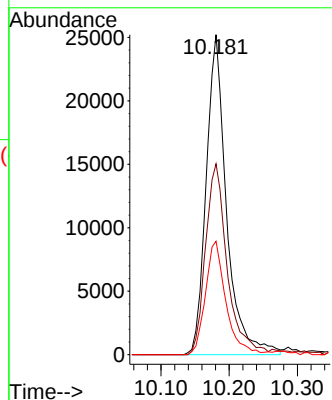
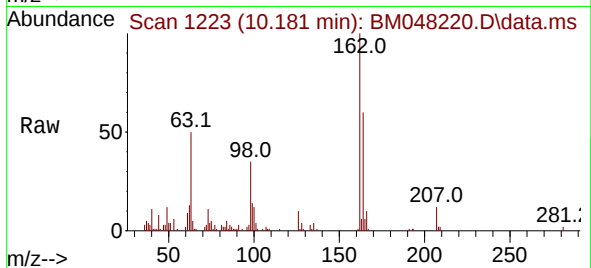
Tgt Ion:162 Resp: 52403

Ion Ratio Lower Upper

162 100

164 59.7 46.0 86.0

98 35.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 4.908 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

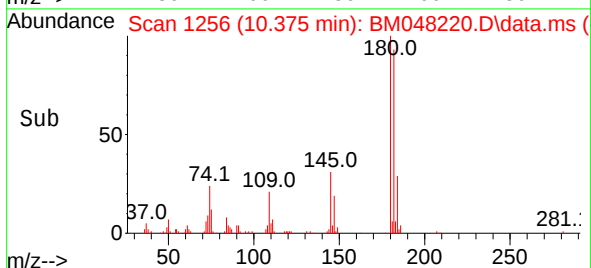
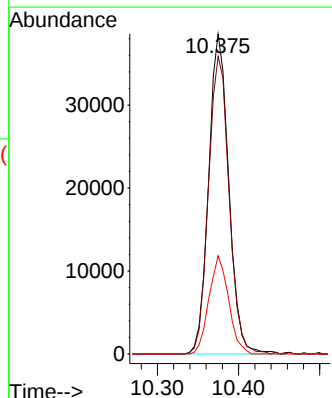
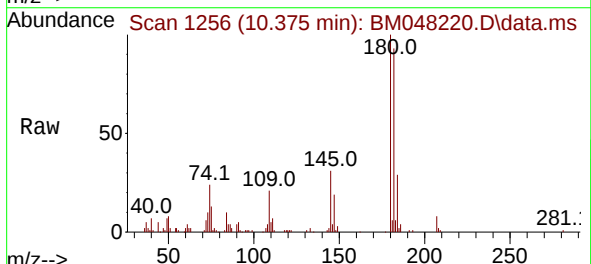
Tgt Ion:180 Resp: 66350

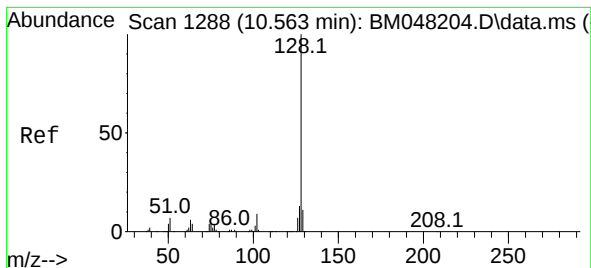
Ion Ratio Lower Upper

180 100

182 92.9 76.6 115.0

145 30.7 23.4 35.2





#31

Naphthalene

Concen: 5.008 ng

RT: 10.557 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

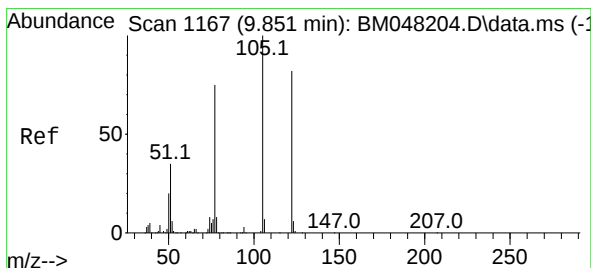
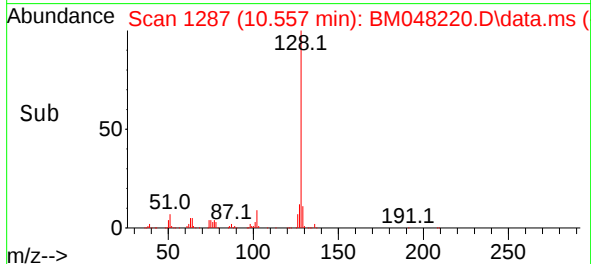
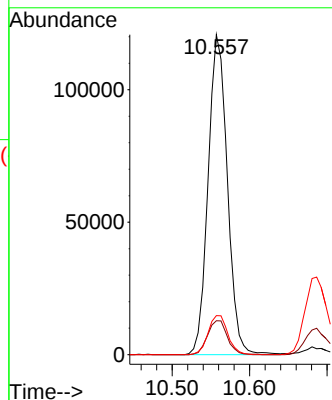
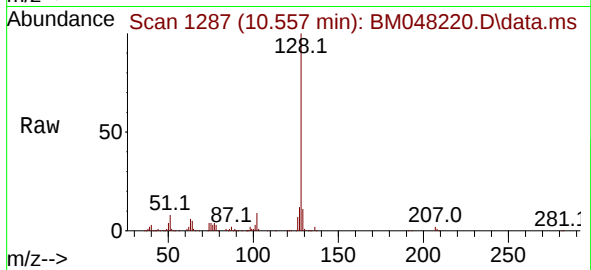
Tgt Ion:128 Resp: 208519

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 12.2 10.2 15.2



#32

Benzoic acid

Concen: 3.132 ng

RT: 9.787 min Scan# 1156

Delta R.T. -0.065 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

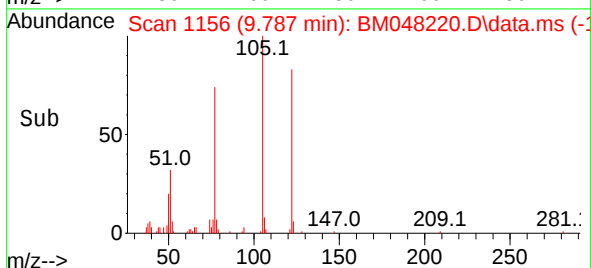
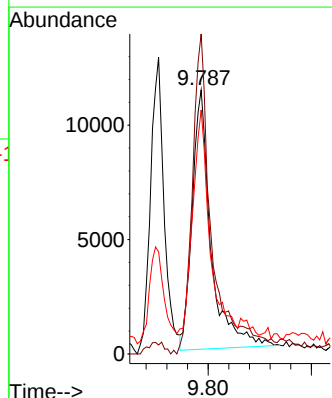
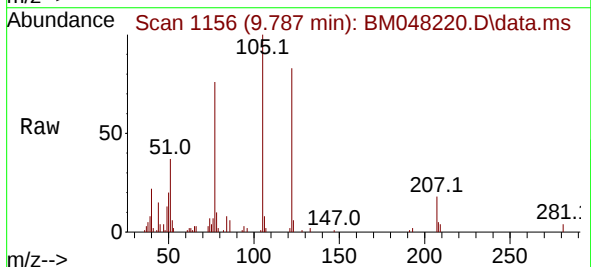
Tgt Ion:122 Resp: 28603

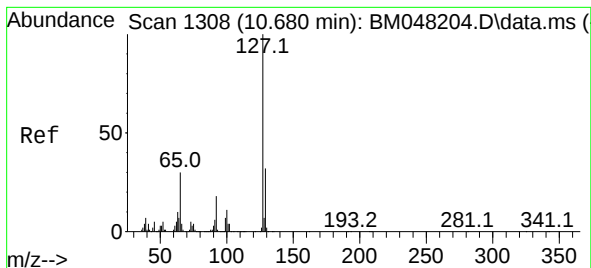
Ion Ratio Lower Upper

122 100

105 121.2 99.3 139.3

77 92.4 70.4 110.4





#33

4-Chloroaniline

Concen: 5.095 ng

RT: 10.686 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:127 Resp: 68798

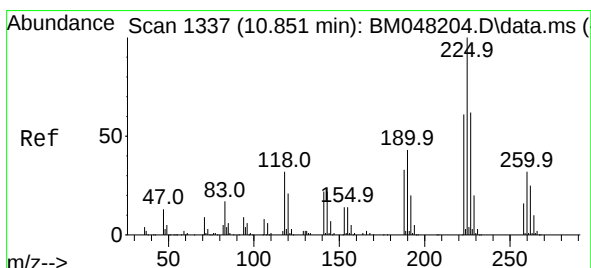
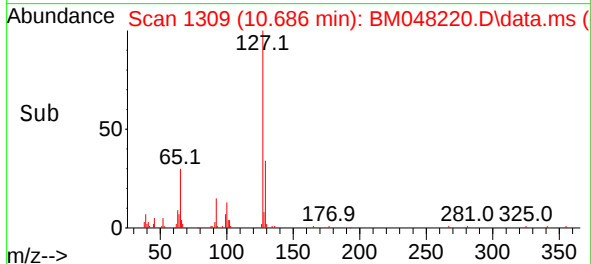
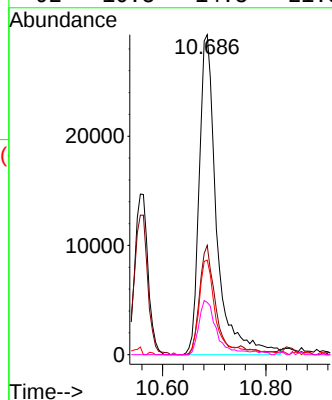
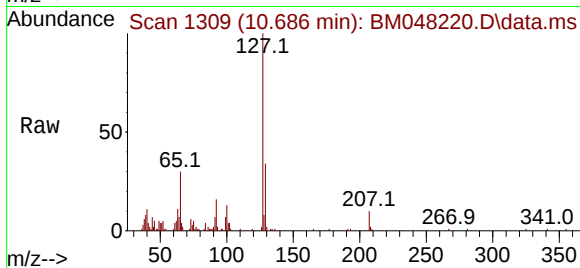
Ion Ratio Lower Upper

127 100

129 34.1 25.8 38.6

65 29.5 23.7 35.5

92 16.3 14.3 21.5



#34

Hexachlorobutadiene

Concen: 4.703 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

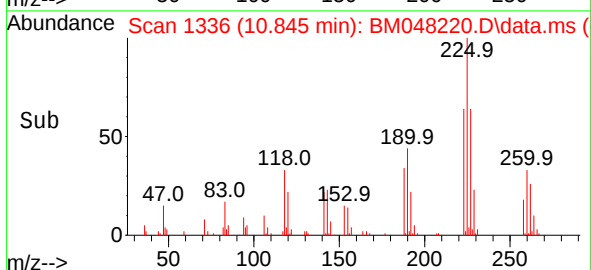
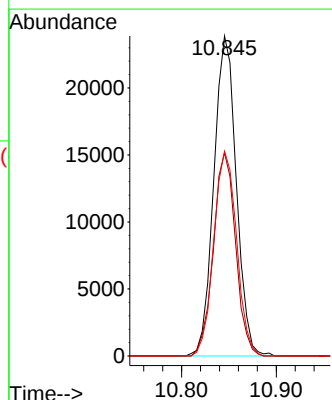
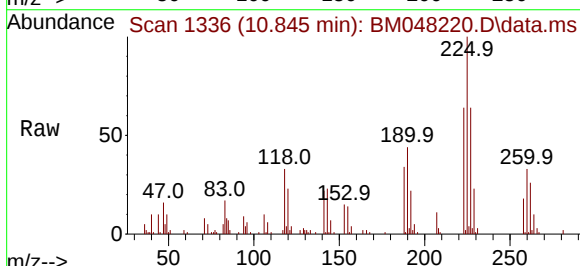
Tgt Ion:225 Resp: 39410

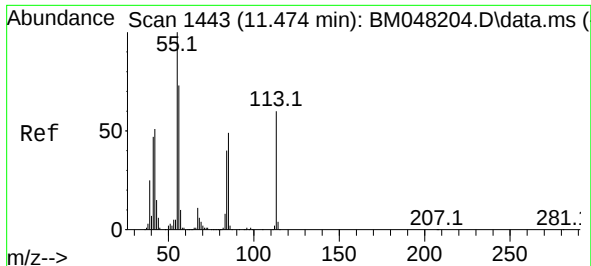
Ion Ratio Lower Upper

225 100

223 63.5 48.6 73.0

227 64.0 49.6 74.4





#35

Caprolactam

Concen: 4.191 ng

RT: 11.463 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

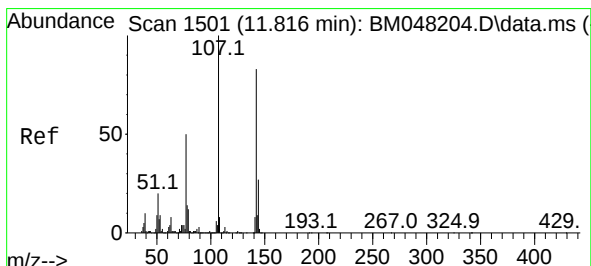
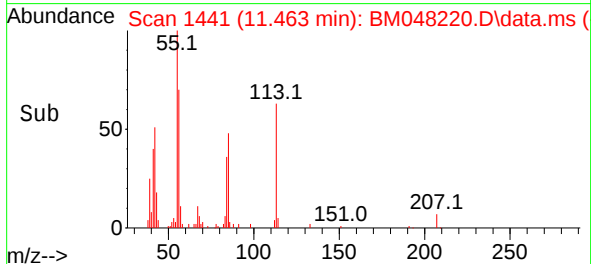
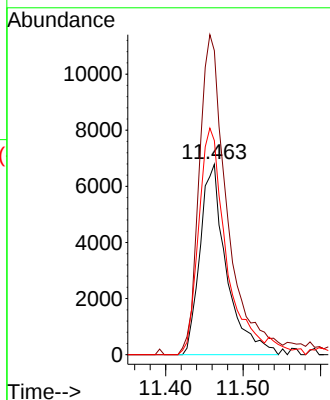
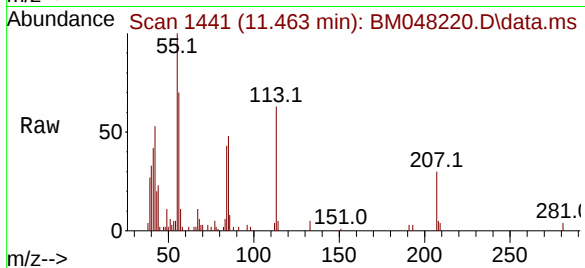
Tgt Ion:113 Resp: 16069

Ion Ratio Lower Upper

113 100

55 159.7 146.1 186.1

56 112.5 101.9 141.9



#36

4-Chloro-3-methylphenol

Concen: 4.499 ng

RT: 11.816 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

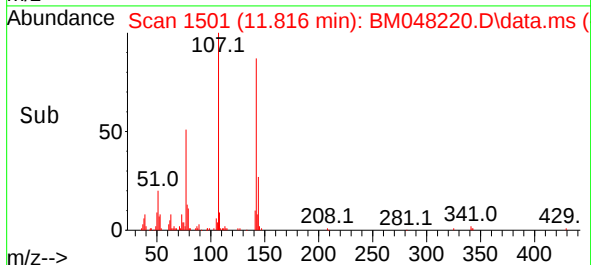
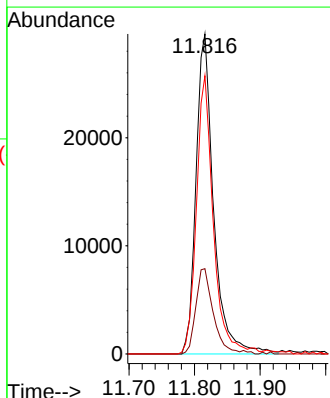
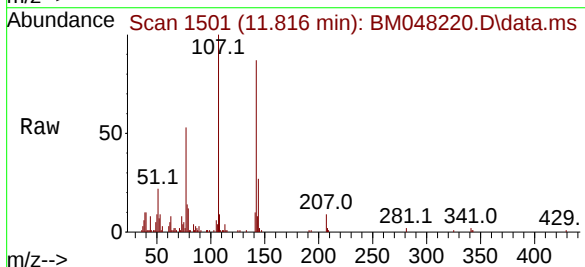
Tgt Ion:107 Resp: 55442

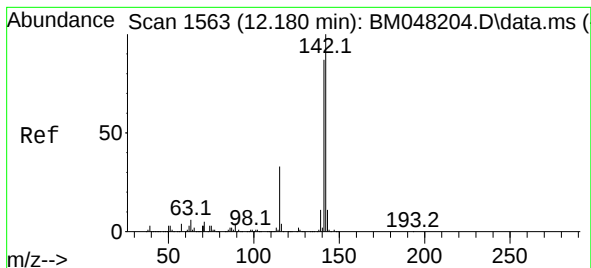
Ion Ratio Lower Upper

107 100

144 26.6 21.5 32.3

142 87.0 66.8 100.2





#37

2-Methylnaphthalene

Concen: 4.912 ng

RT: 12.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

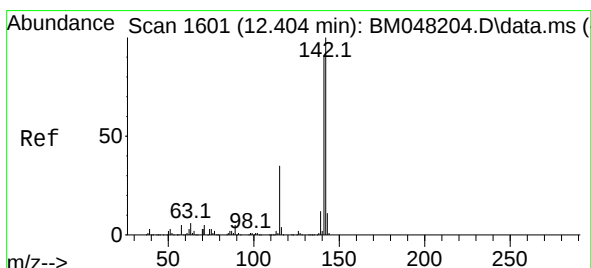
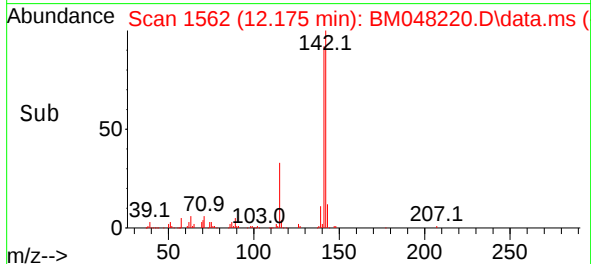
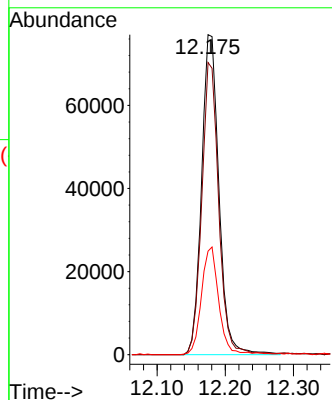
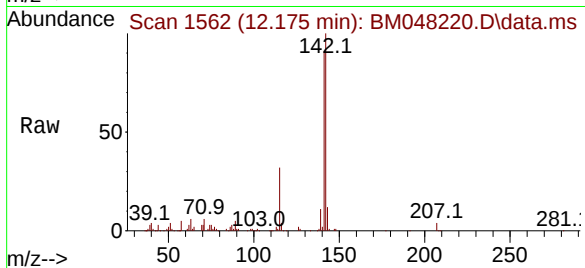
Tgt Ion:142 Resp: 136634

Ion Ratio Lower Upper

142 100

141 91.3 69.8 104.6

115 32.3 26.3 39.5



#38

1-Methylnaphthalene

Concen: 4.760 ng

RT: 12.398 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

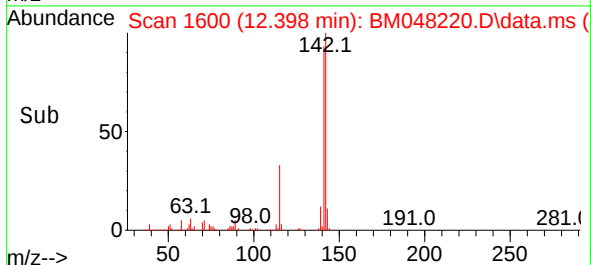
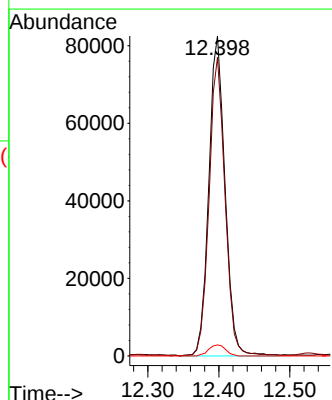
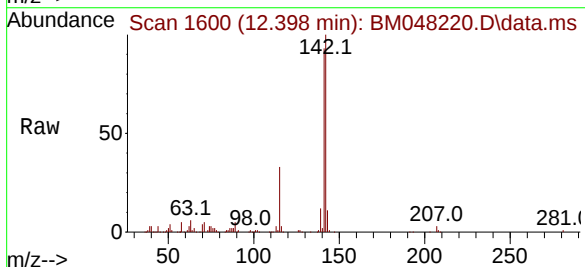
Tgt Ion:142 Resp: 131295

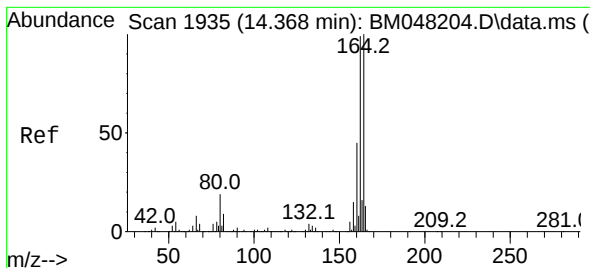
Ion Ratio Lower Upper

142 100

141 93.3 72.7 109.1

116 3.5 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: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

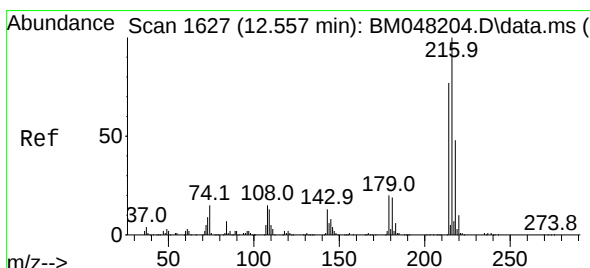
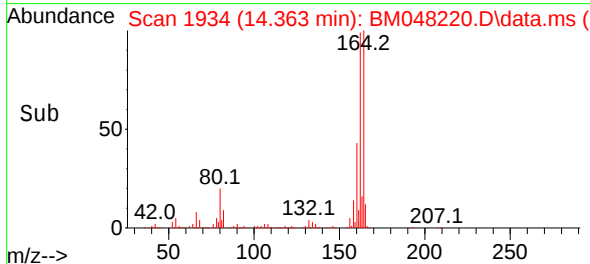
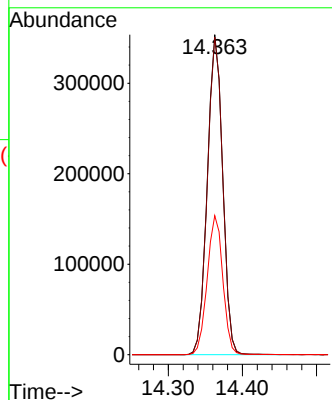
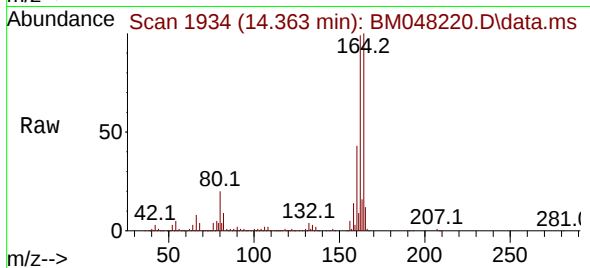
Tgt Ion:164 Resp: 508785

Ion Ratio Lower Upper

164 100

162 99.3 79.1 118.7

160 43.4 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.028 ng

RT: 12.551 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:216 Resp: 73118

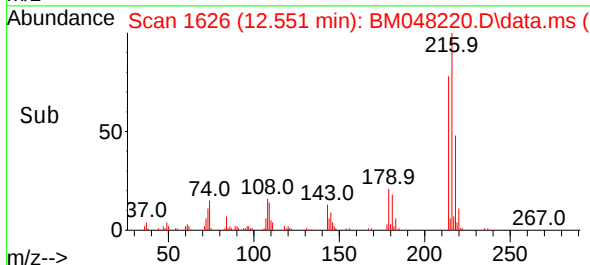
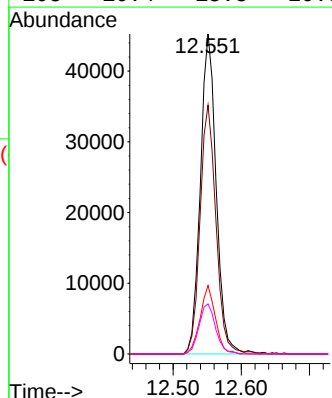
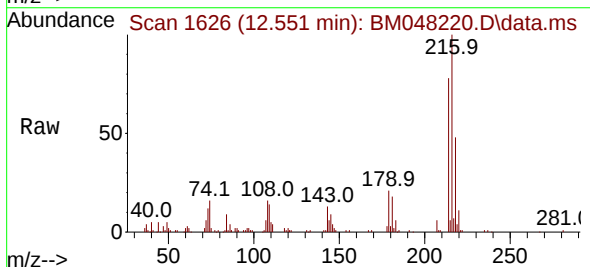
Ion Ratio Lower Upper

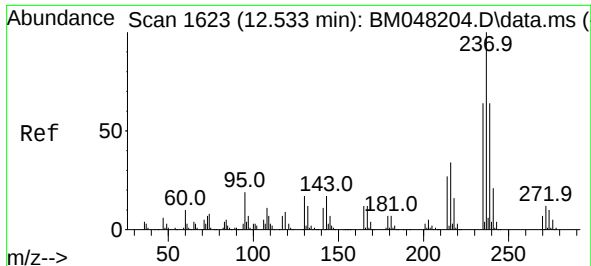
216 100

214 78.2 62.2 93.2

179 20.6 16.0 24.0

108 16.4 13.8 20.8

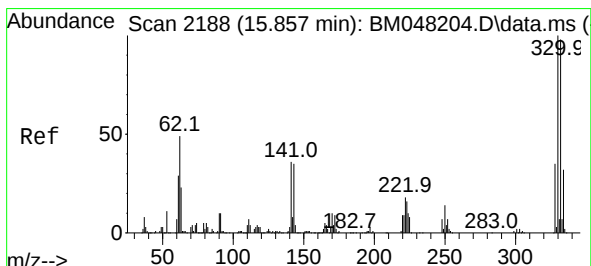
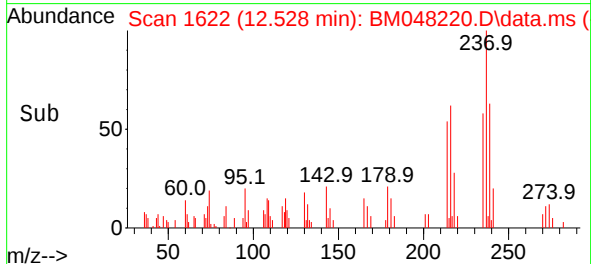
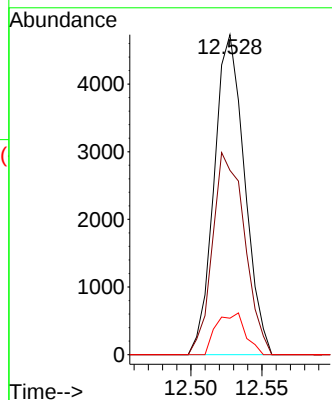
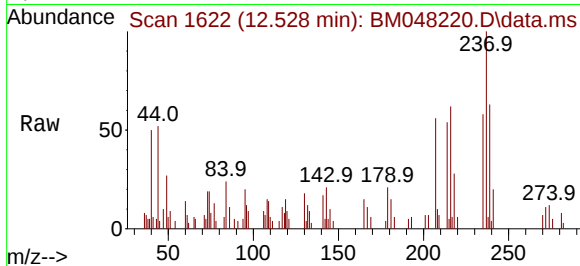




#41
Hexachlorocyclopentadiene
Concen: 1.432 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

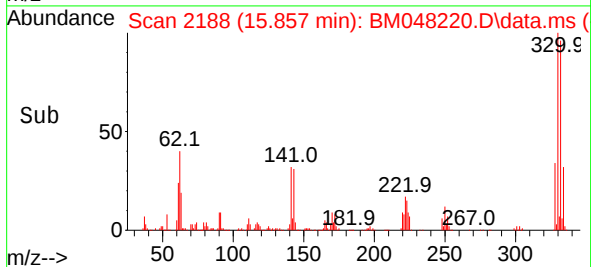
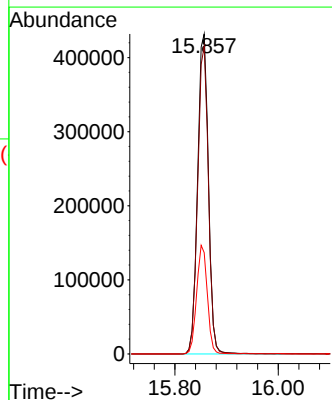
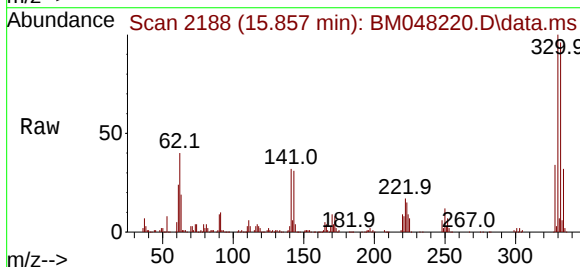
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

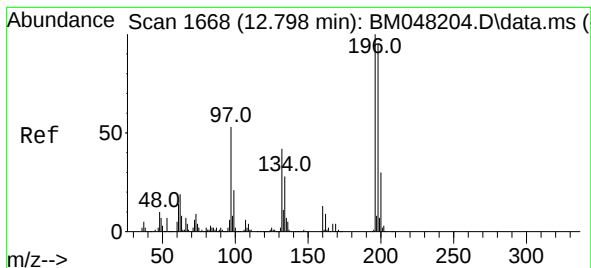
Tgt Ion:237 Resp: 7048
Ion Ratio Lower Upper
237 100
235 57.6 44.2 84.2
272 11.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 100.544 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:330 Resp: 626145
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 33.6 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 4.445 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

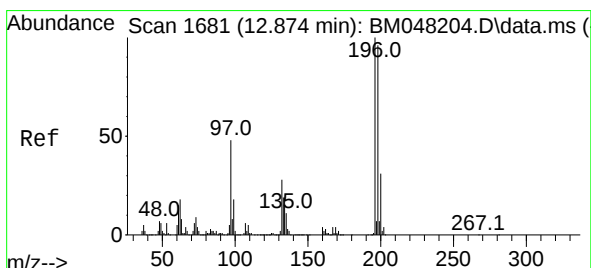
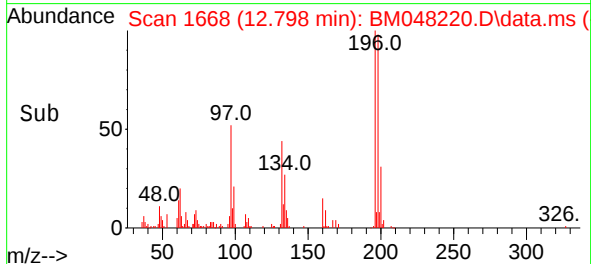
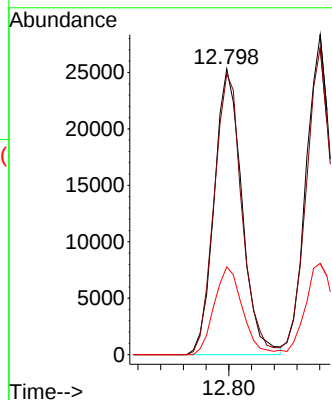
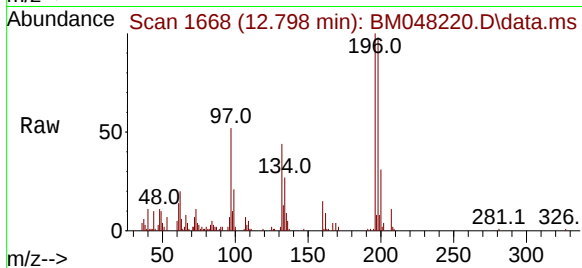
Tgt Ion:196 Resp: 42897

Ion Ratio Lower Upper

196 100

198 98.2 76.2 114.2

200 30.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 4.457 ng

RT: 12.880 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:196 Resp: 47963

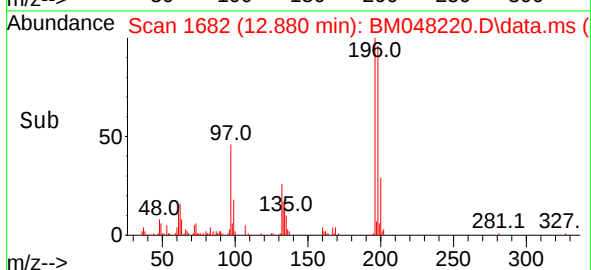
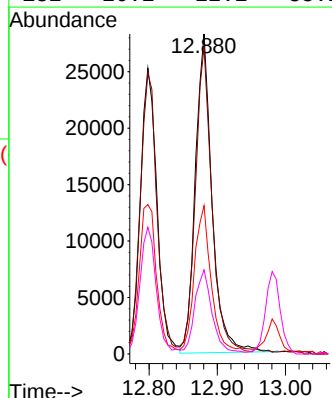
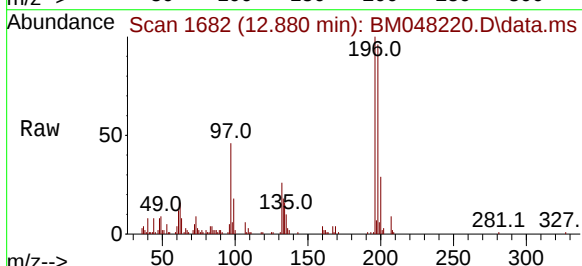
Ion Ratio Lower Upper

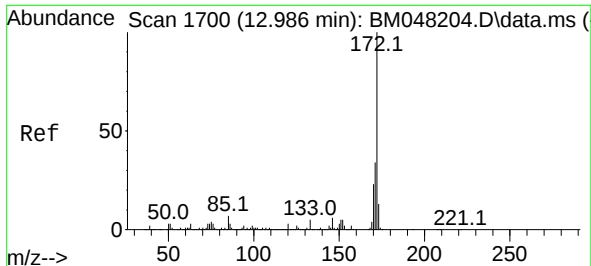
196 100

198 96.0 76.7 115.1

97 46.3 38.5 57.7

132 26.2 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 71.292 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

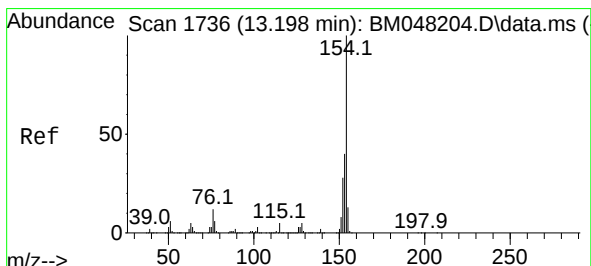
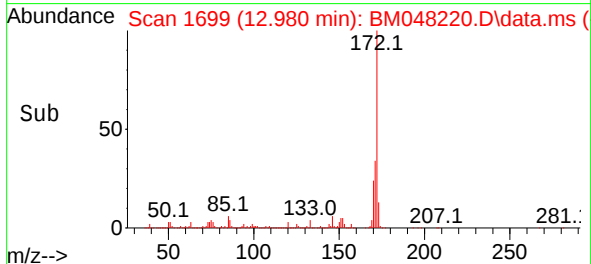
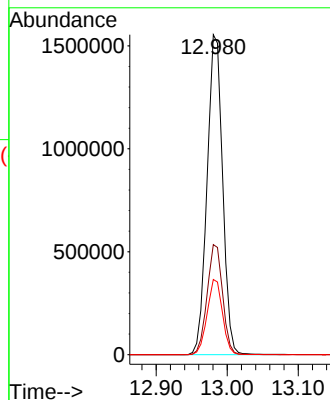
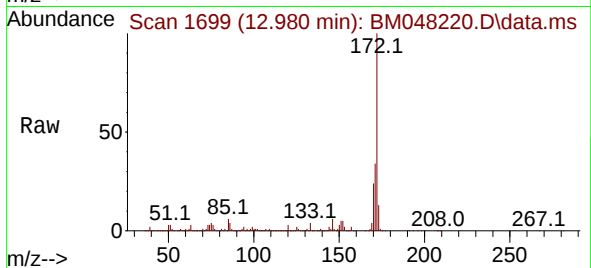
Tgt Ion:172 Resp: 2363797

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 23.5 18.5 27.7



#46

1,1'-Biphenyl

Concen: 5.312 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

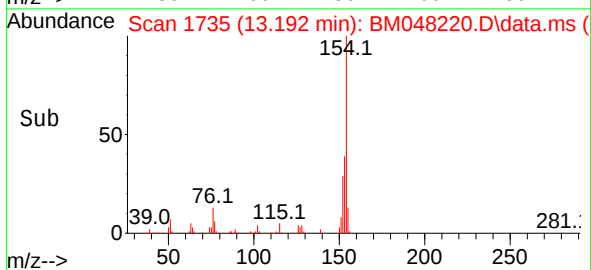
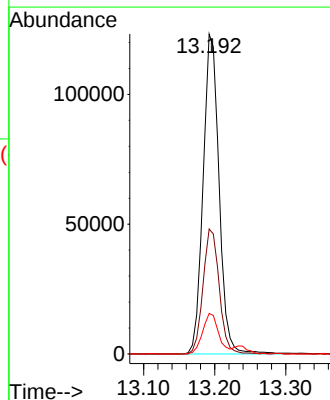
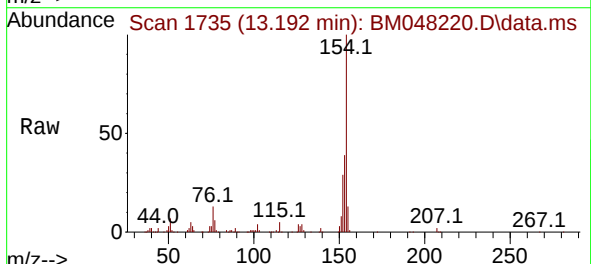
Tgt Ion:154 Resp: 192948

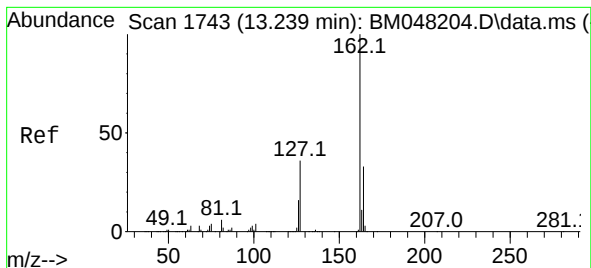
Ion Ratio Lower Upper

154 100

153 39.1 19.9 59.9

76 12.7 0.0 32.4





#47

2-Chloronaphthalene

Concen: 4.930 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

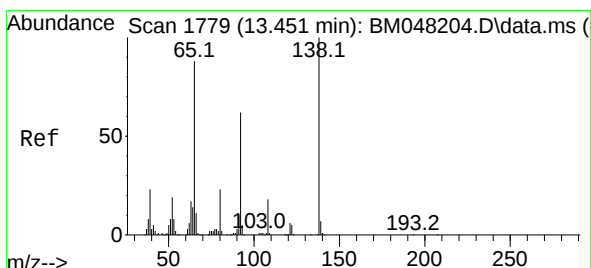
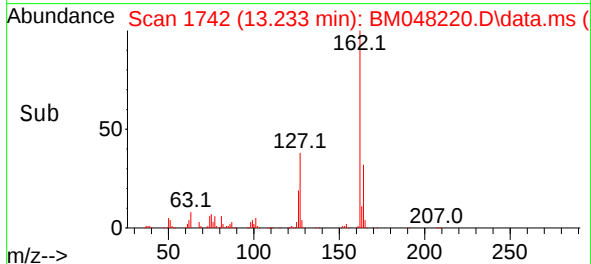
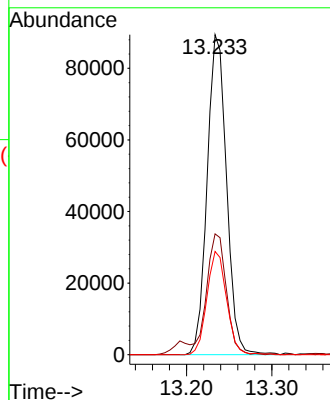
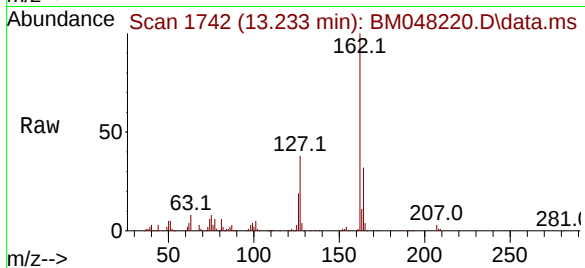
Tgt Ion:162 Resp: 141191

Ion Ratio Lower Upper

162 100

127 37.8 31.0 46.6

164 32.3 26.2 39.4



#48

2-Nitroaniline

Concen: 4.294 ng

RT: 13.451 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

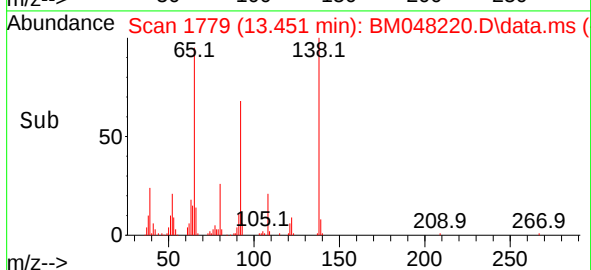
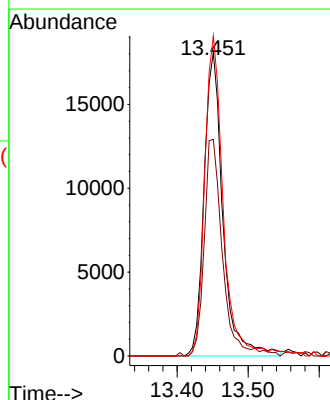
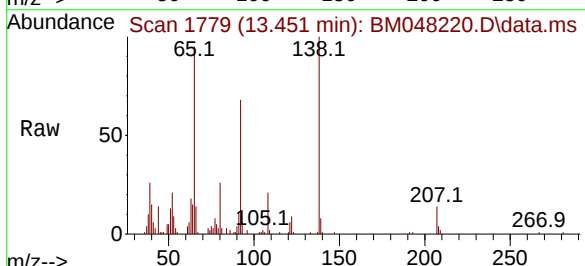
Tgt Ion: 65 Resp: 33359

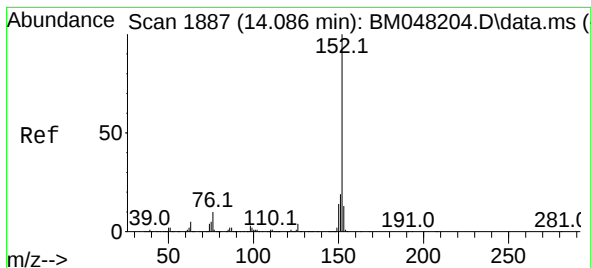
Ion Ratio Lower Upper

65 100

92 71.4 56.0 84.0

138 105.5 90.8 136.2





#49

Acenaphthylene

Concen: 5.275 ng

RT: 14.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048220.D

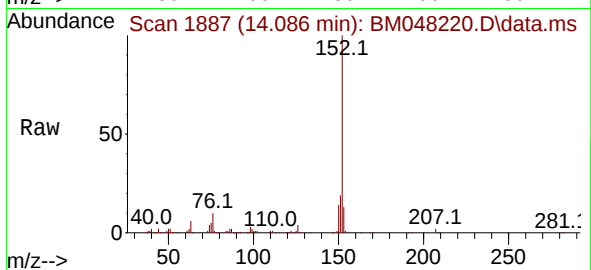
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



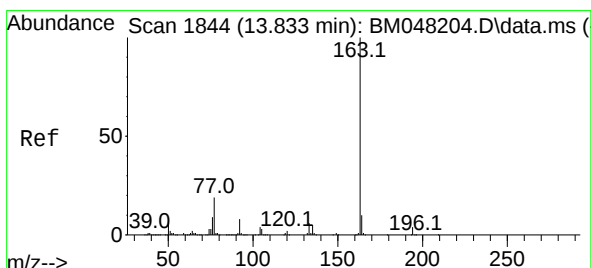
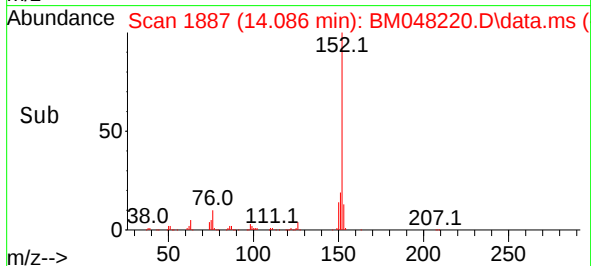
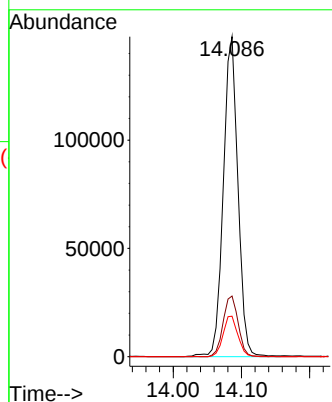
Tgt Ion:152 Resp: 220438

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.2

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 5.072 ng

RT: 13.822 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

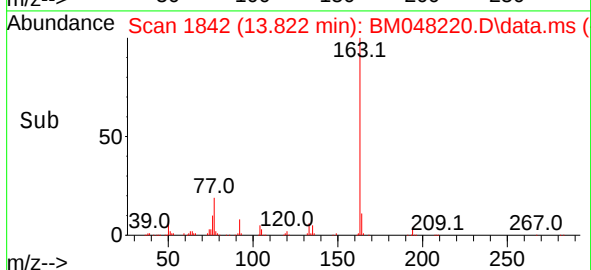
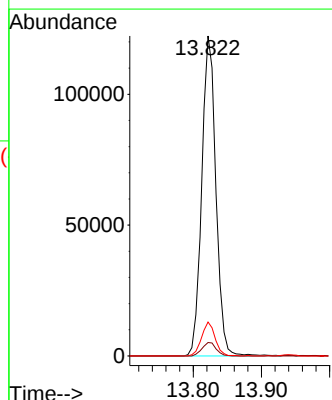
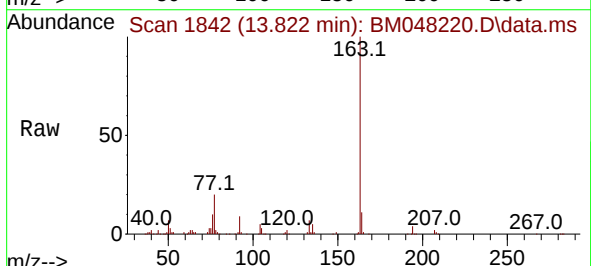
Tgt Ion:163 Resp: 176165

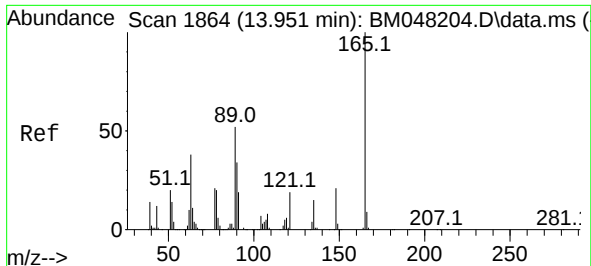
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.6 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 4.251 ng

RT: 13.939 min Scan# 1862

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

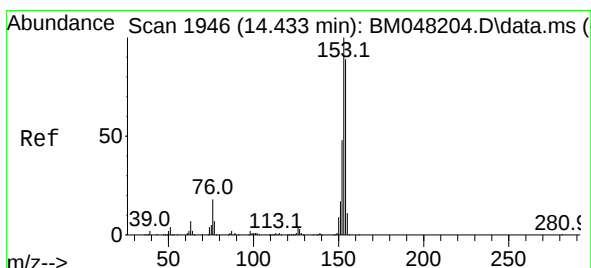
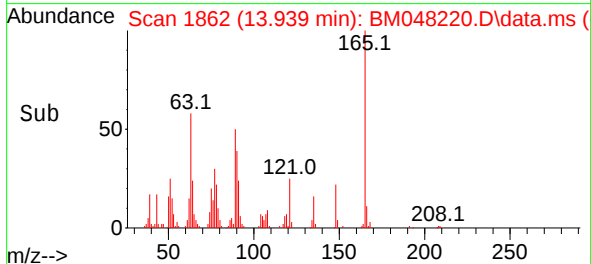
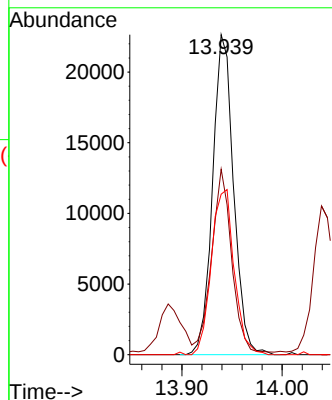
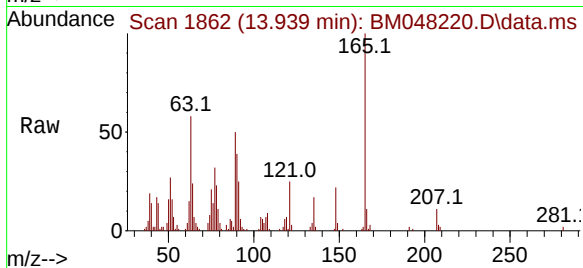
Tgt Ion:165 Resp: 32948

Ion Ratio Lower Upper

165 100

63 58.0 39.5 59.3

89 50.1 41.8 62.6



#52

Acenaphthene

Concen: 5.011 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

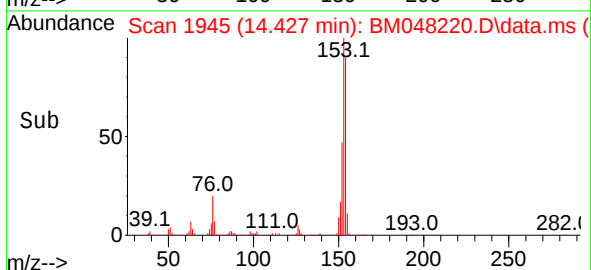
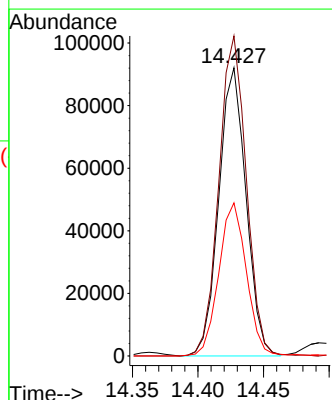
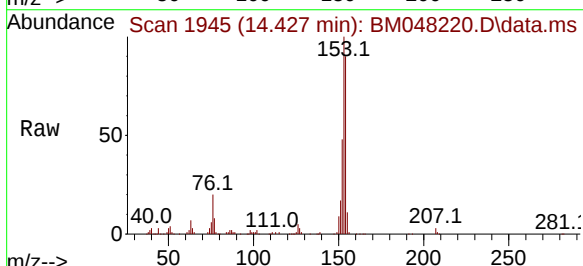
Tgt Ion:154 Resp: 133036

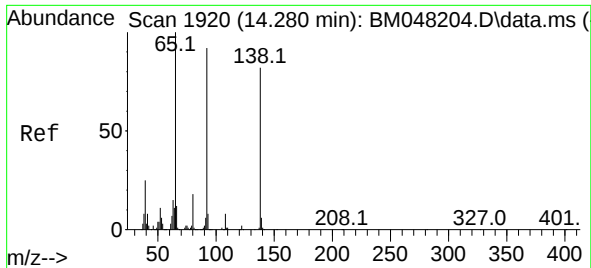
Ion Ratio Lower Upper

154 100

153 111.0 90.4 135.6

152 53.2 43.6 65.4

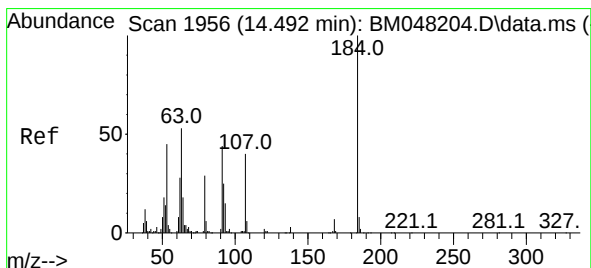
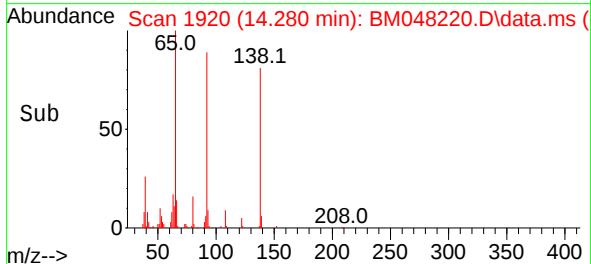
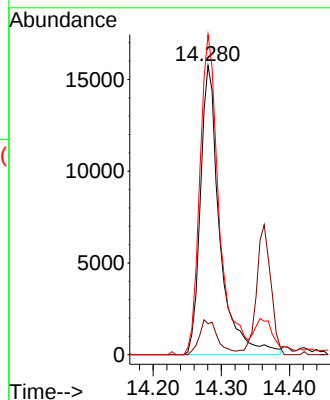
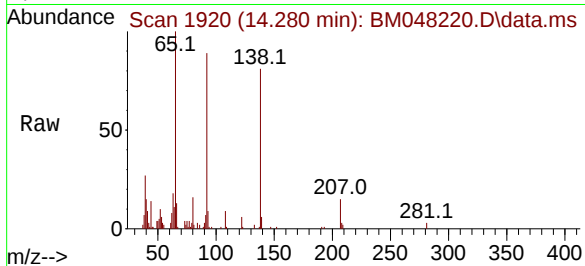




#53
3-Nitroaniline
Concen: 4.251 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

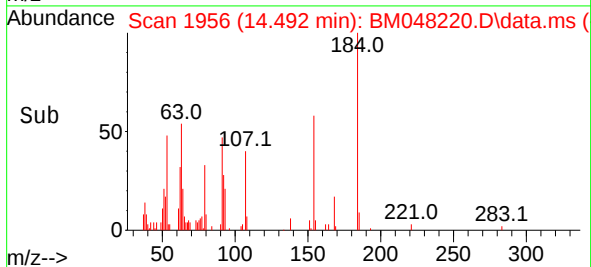
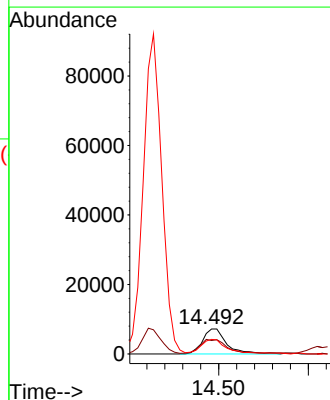
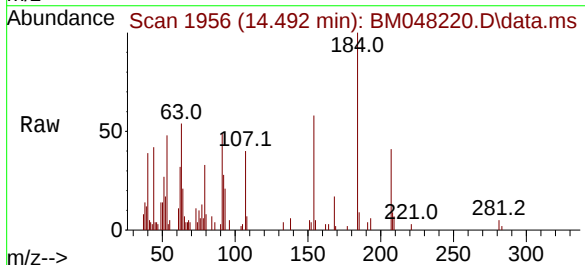
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

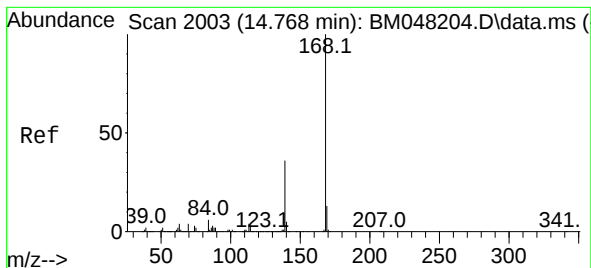
Tgt Ion:138 Resp: 31068
Ion Ratio Lower Upper
138 100
108 10.8 7.5 11.3
92 110.7 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 2.936 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:184 Resp: 13298
Ion Ratio Lower Upper
184 100
63 53.7 47.2 70.8
154 58.3 46.0 69.0





#55

Dibenzofuran

Concen: 5.212 ng

RT: 14.763 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

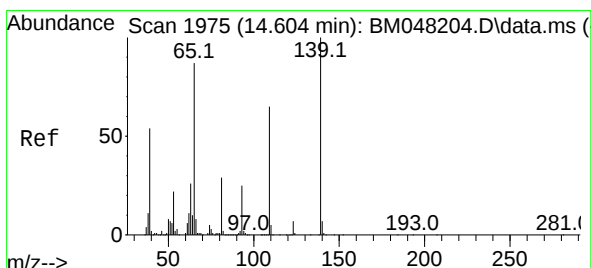
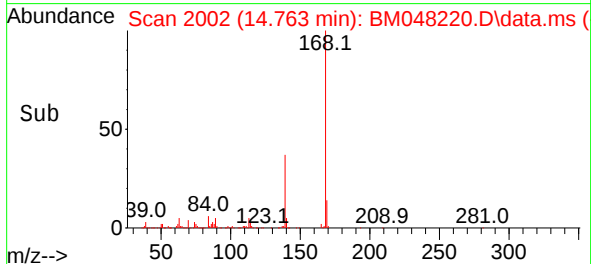
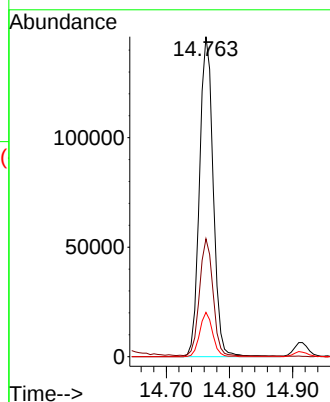
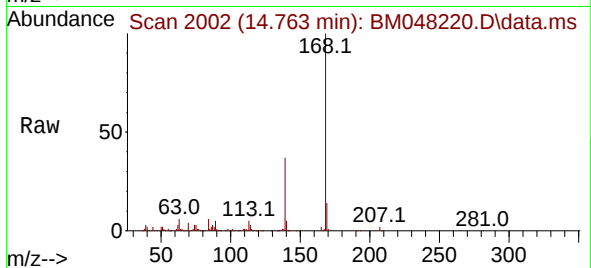
Tgt Ion:168 Resp: 219852

Ion Ratio Lower Upper

168 100

139 36.8 29.0 43.6

169 13.9 10.4 15.6



#56

4-Nitrophenol

Concen: 3.233 ng

RT: 14.616 min Scan# 1977

Delta R.T. 0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

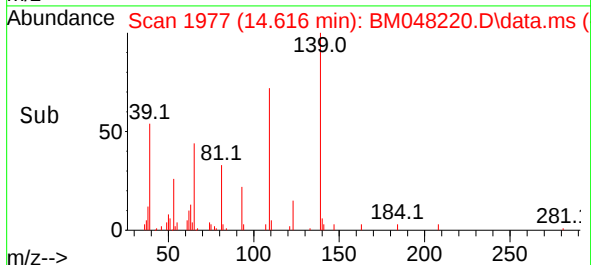
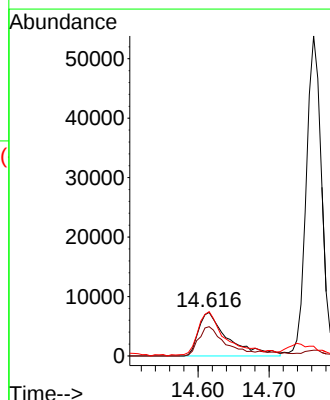
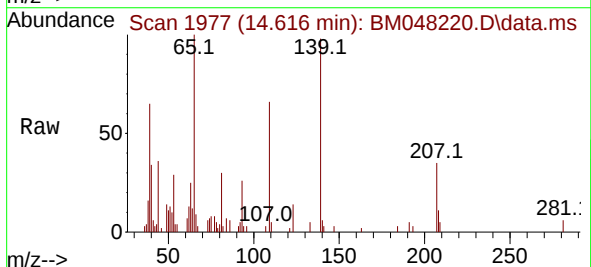
Tgt Ion:139 Resp: 21089

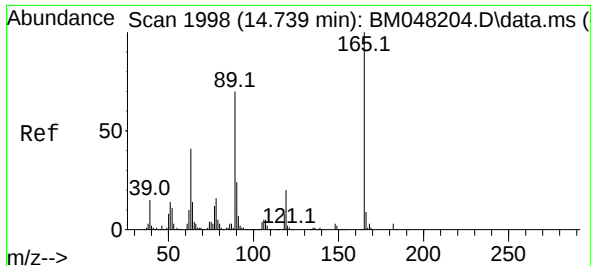
Ion Ratio Lower Upper

139 100

109 67.4 45.4 85.4

65 101.8 67.3 107.3

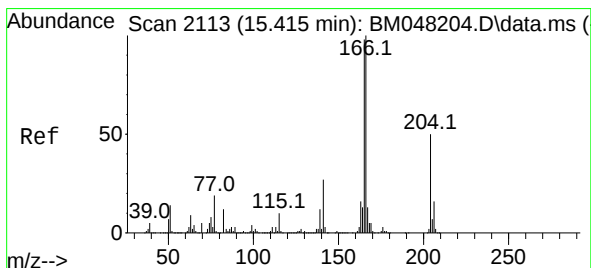
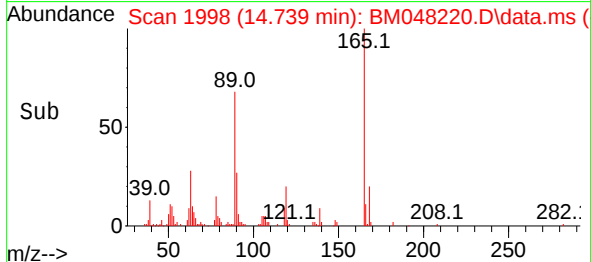
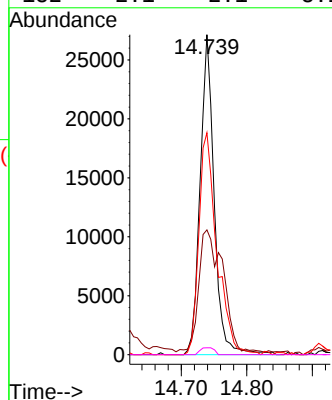
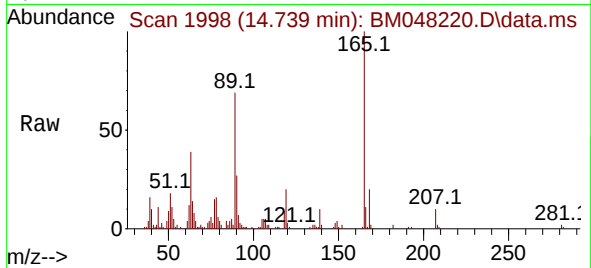




#57
2,4-Dinitrotoluene
Concen: 3.965 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

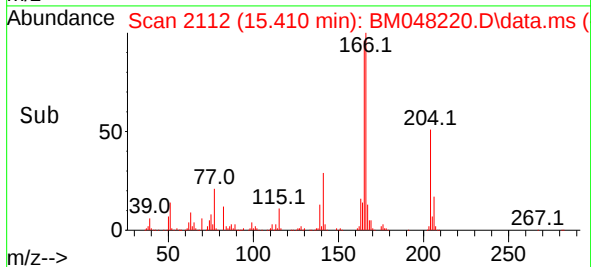
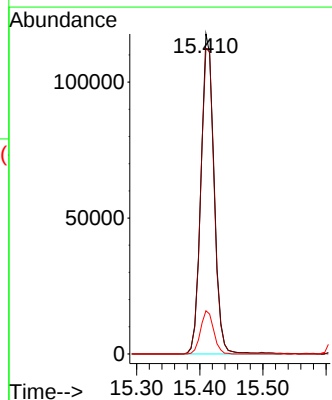
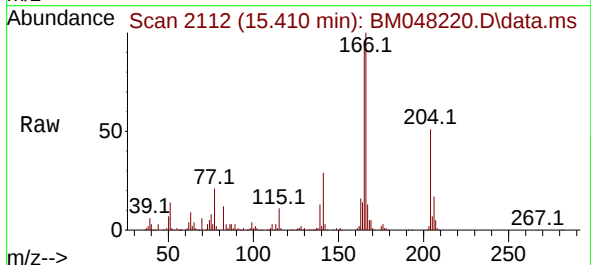
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

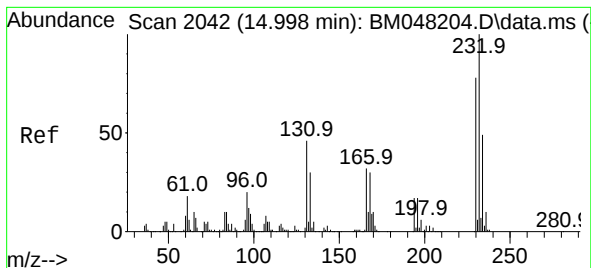
Tgt Ion:165 Resp: 40583
Ion Ratio Lower Upper
165 100
63 39.0 33.0 49.4
89 69.3 55.8 83.6
182 2.1 2.1 3.1



#58
Fluorene
Concen: 5.082 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:166 Resp: 169517
Ion Ratio Lower Upper
166 100
165 95.6 78.4 117.6
167 13.5 10.8 16.2

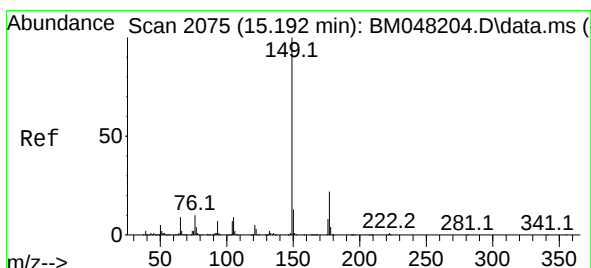
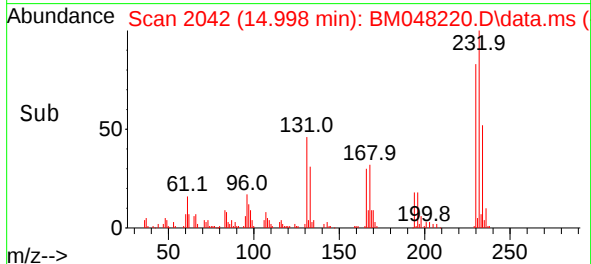
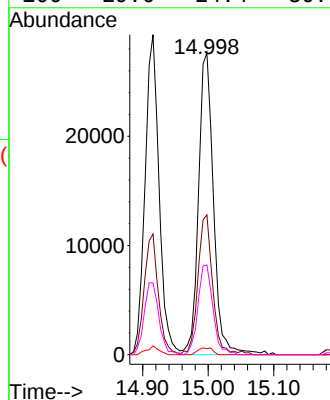
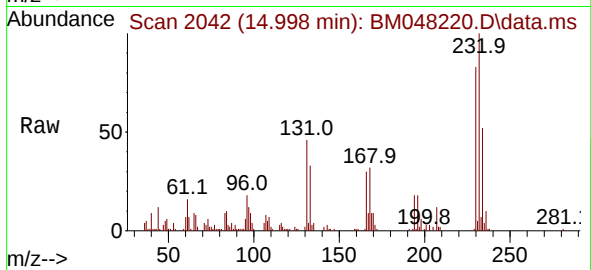




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.944 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

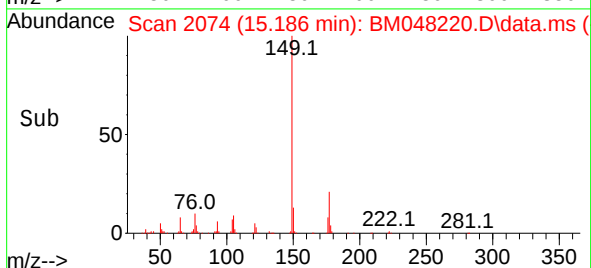
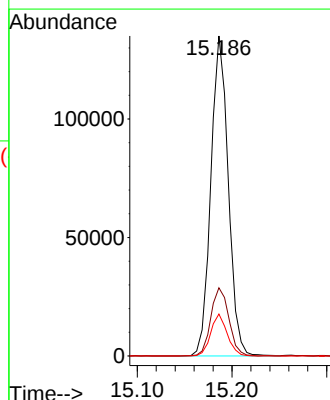
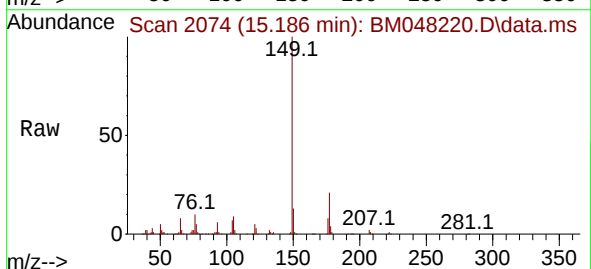
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

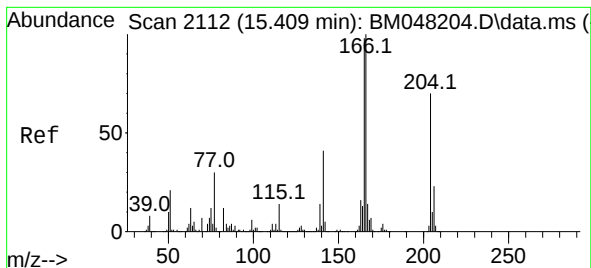
Tgt Ion:	232	Resp:	44104
Ion Ratio	Lower	Upper	
232	100		
131	45.6	35.5	53.3
130	2.2	1.8	2.6
166	29.6	24.4	36.6



#60
Diethylphthalate
Concen: 4.888 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:	149	Resp:	171899
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.5	26.3
150	13.1	10.1	15.1

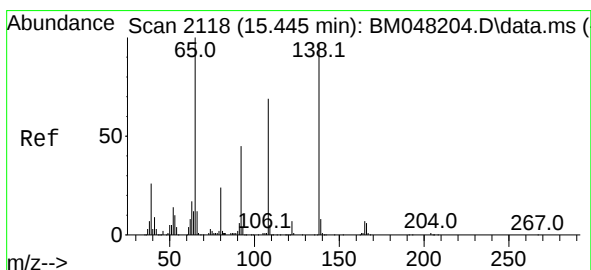
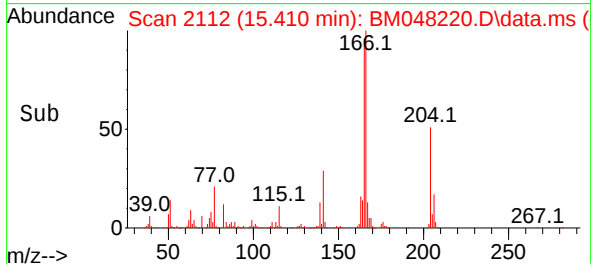
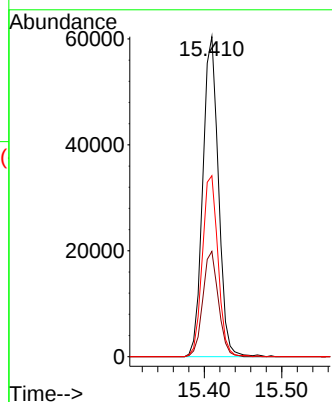
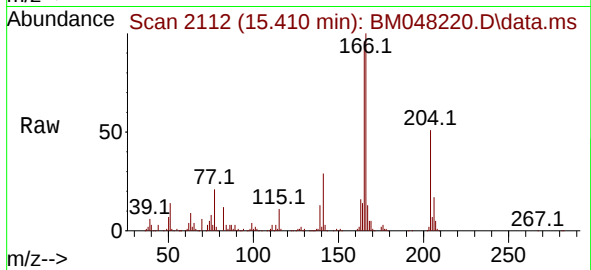




#61
4-Chlorophenyl-phenylether
Concen: 5.083 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

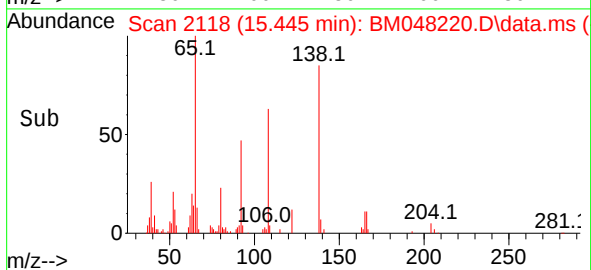
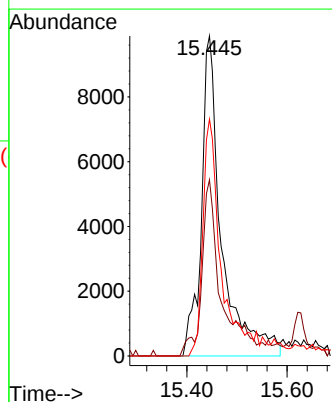
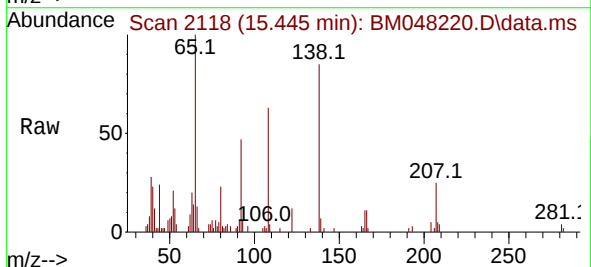
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

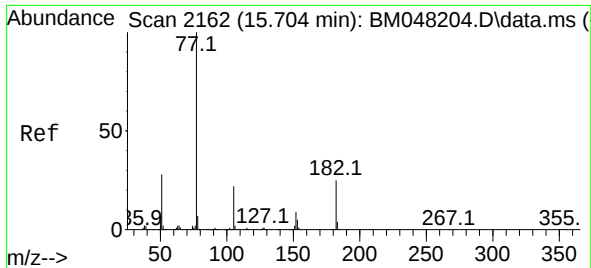
Tgt Ion:204 Resp: 84769
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 56.6 47.0 70.6



#62
4-Nitroaniline
Concen: 3.666 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:138 Resp: 27733
Ion Ratio Lower Upper
138 100
92 55.1 26.9 66.9
108 74.0 51.3 91.3

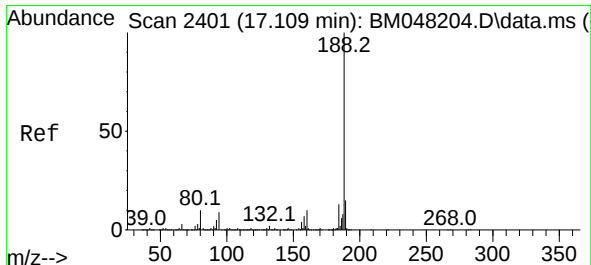
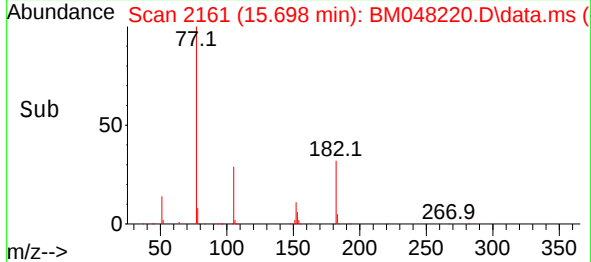
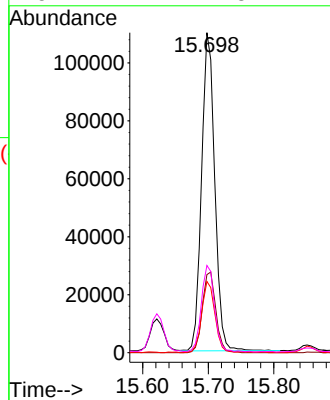
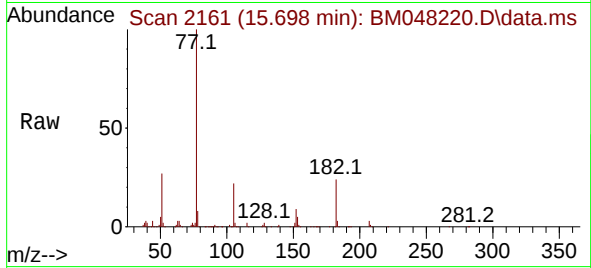




#63
Azobenzene
Concen: 4.888 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

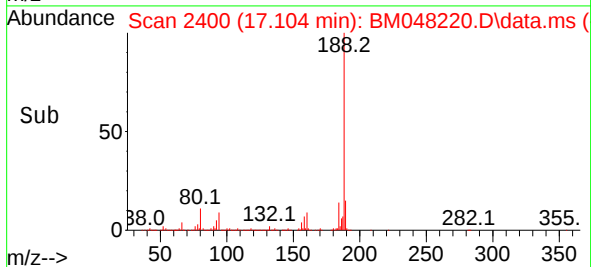
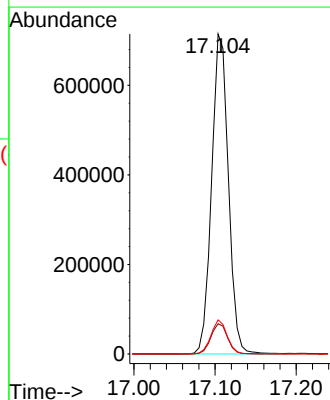
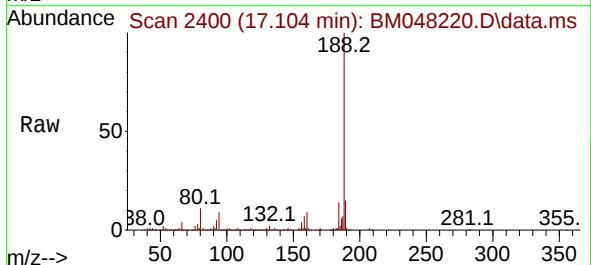
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2024

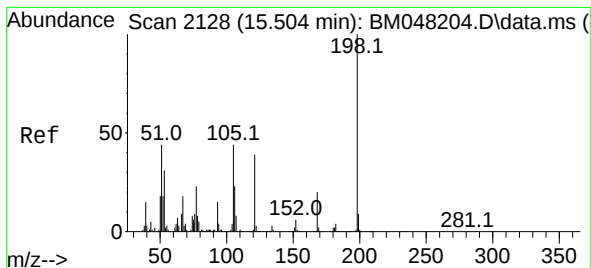
Tgt Ion: 77 Resp: 154052
Ion Ratio Lower Upper
77 100
182 24.4 5.3 45.3
105 22.2 1.6 41.6
51 27.2 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:188 Resp: 1023122
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.7 8.0 12.0

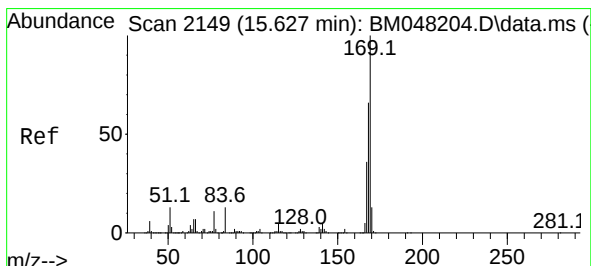
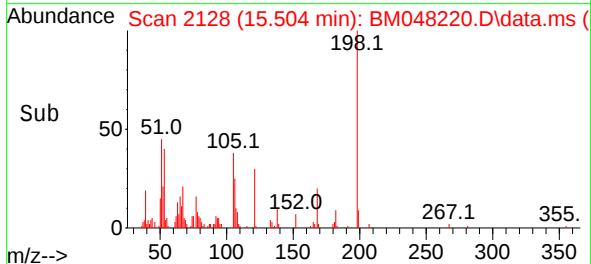
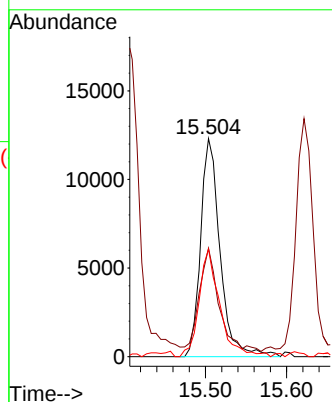
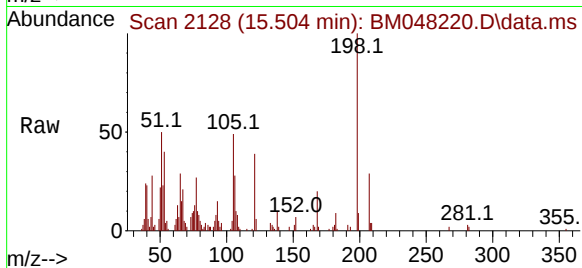




#65
4,6-Dinitro-2-methylphenol
Concen: 3.455 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

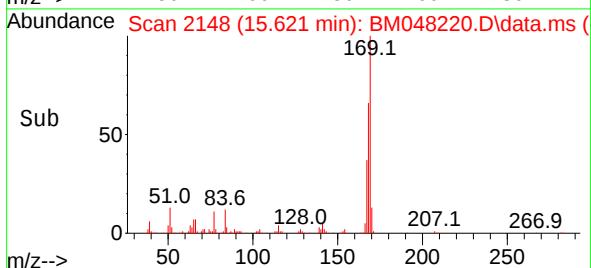
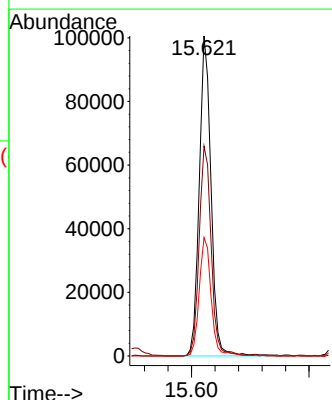
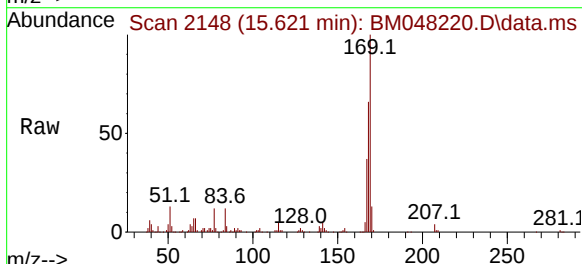
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

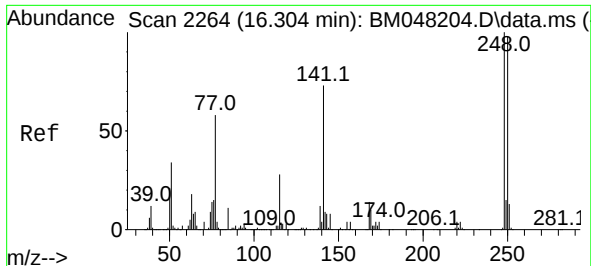
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.8	25.4	65.4
105	49.4	23.9	63.9



#66
n-Nitrosodiphenylamine
Concen: 4.971 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.9	79.3
167	37.0	29.3	43.9

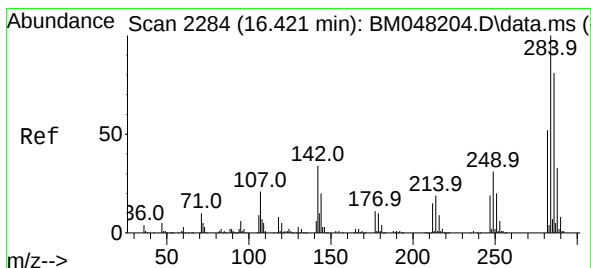
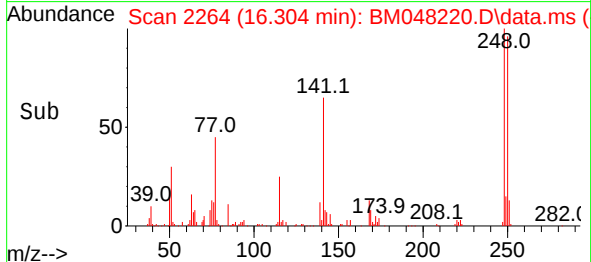
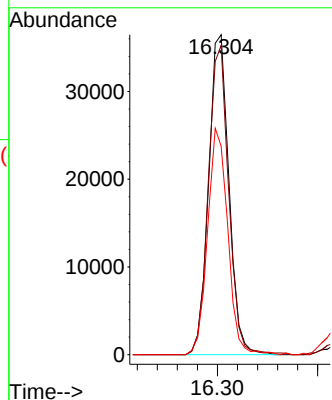
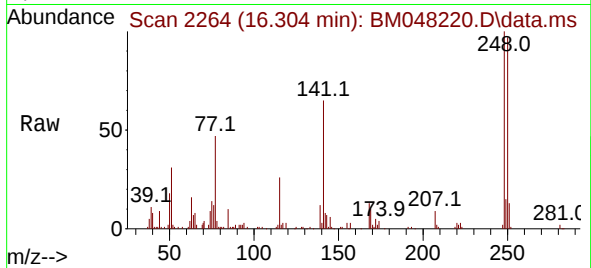




#67
4-Bromophenyl-phenylether
Concen: 4.948 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

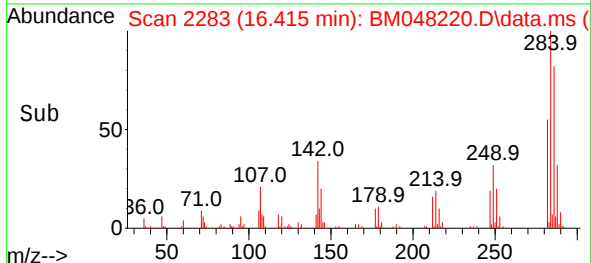
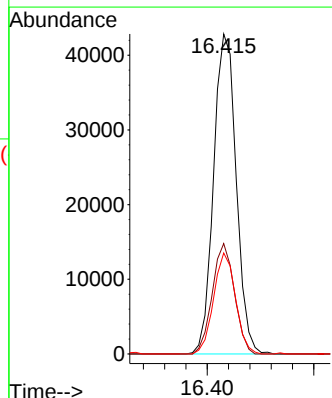
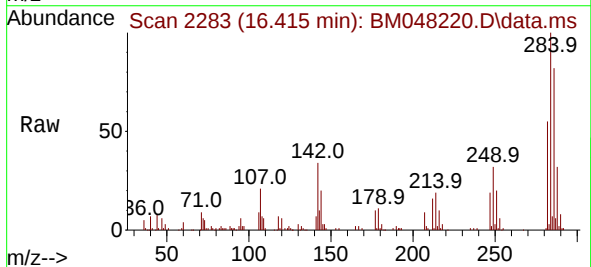
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

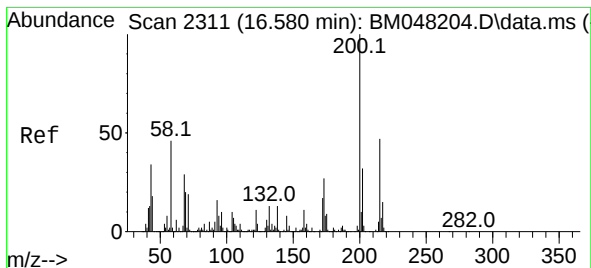
Tgt Ion:248 Resp: 51331
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 65.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 5.055 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:284 Resp: 62984
Ion Ratio Lower Upper
284 100
142 34.5 27.0 40.4
249 31.6 24.6 36.8





#69

Atrazine

Concen: 6.095 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

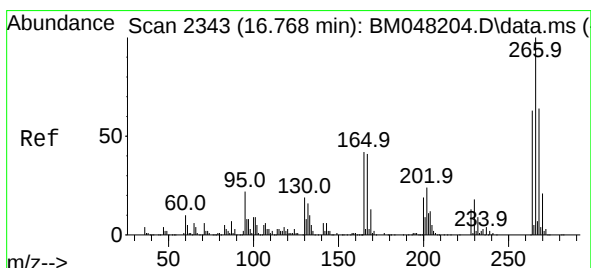
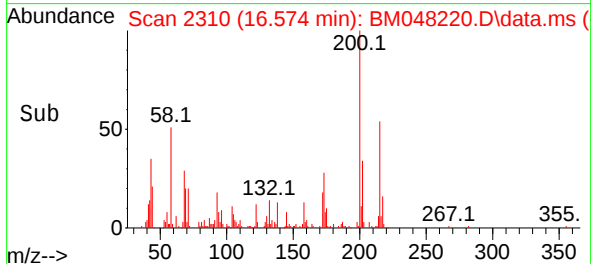
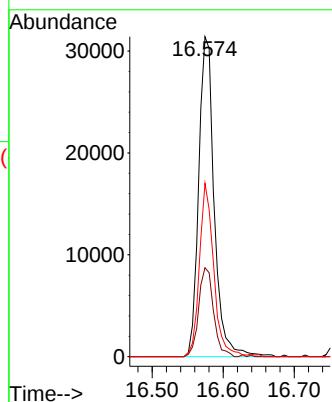
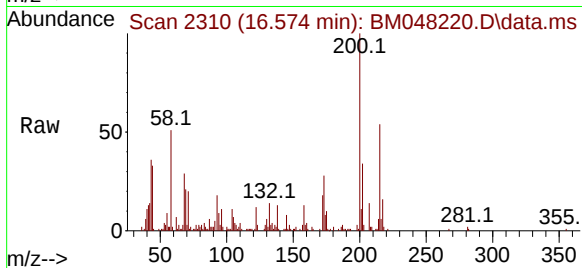
Tgt Ion:200 Resp: 47896

Ion Ratio Lower Upper

200 100

173 27.8 6.5 46.5

215 54.2 27.2 67.2



#70

Pentachlorophenol

Concen: 4.132 ng

RT: 16.768 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

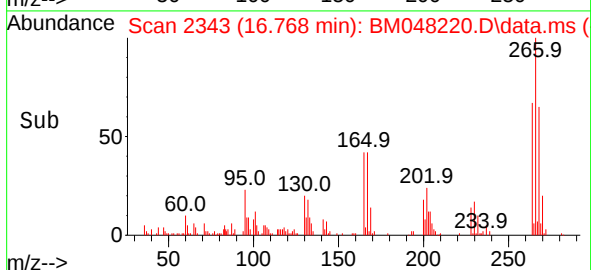
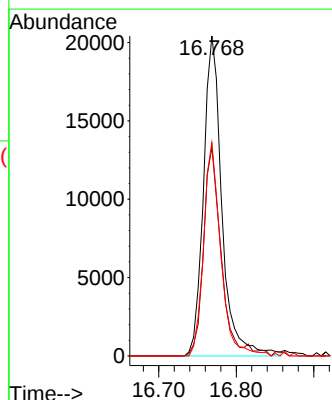
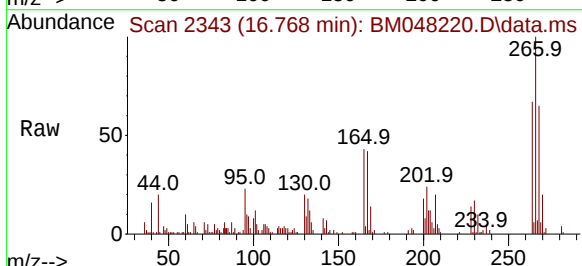
Tgt Ion:266 Resp: 33799

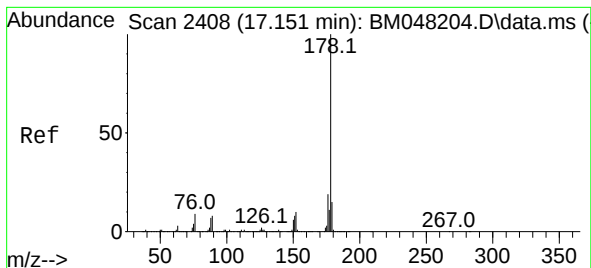
Ion Ratio Lower Upper

266 100

268 65.1 50.8 76.2

264 66.7 50.2 75.2





#71

Phenanthrene

Concen: 5.340 ng

RT: 17.151 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

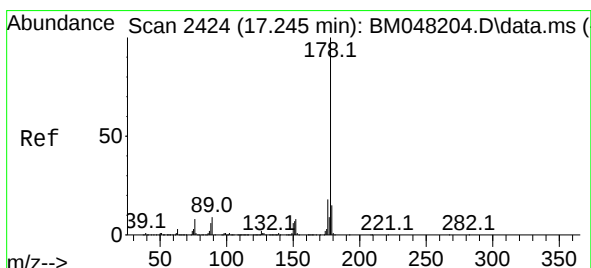
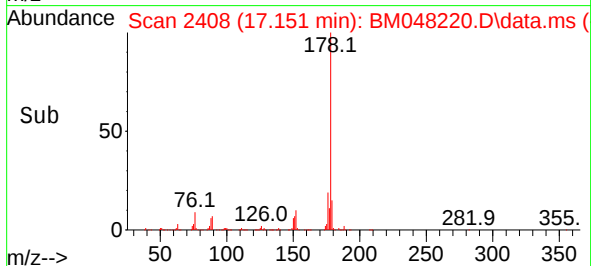
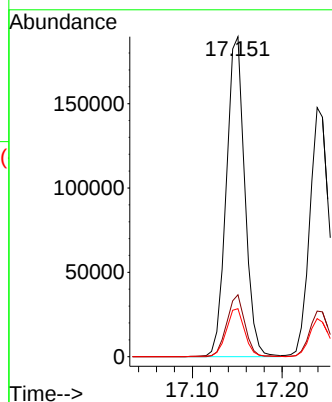
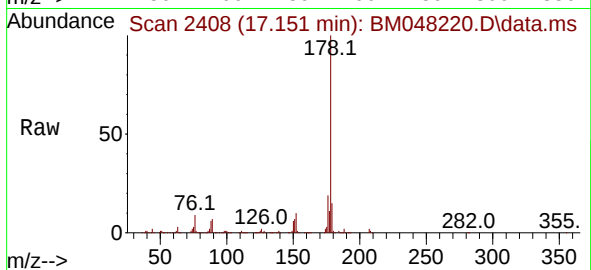
Tgt Ion:178 Resp: 270522

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.0 12.4 18.6



#72

Anthracene

Concen: 4.705 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

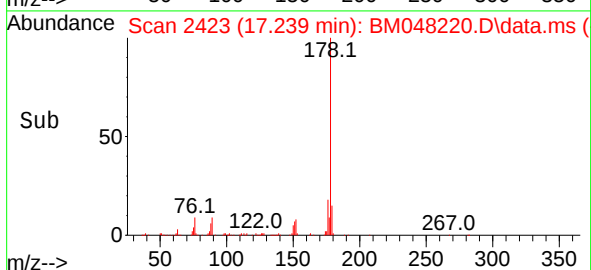
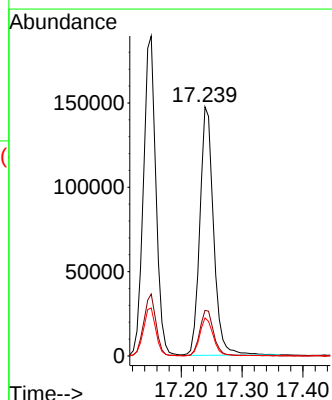
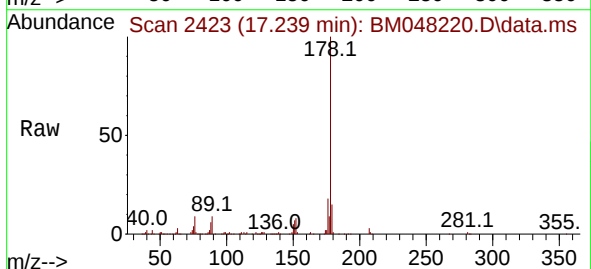
Tgt Ion:178 Resp: 230742

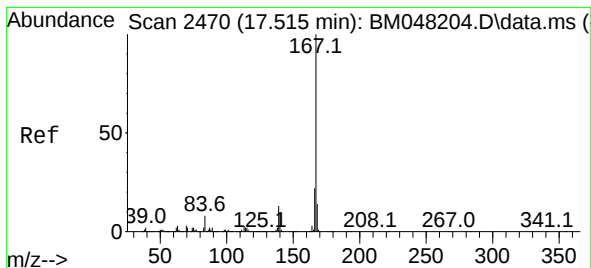
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.3 12.2 18.2





#73

Carbazole

Concen: 4.786 ng

RT: 17.515 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

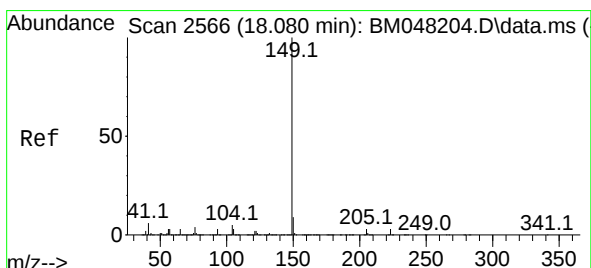
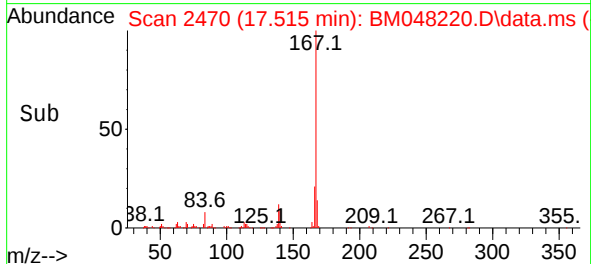
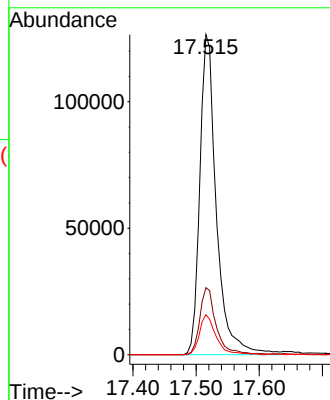
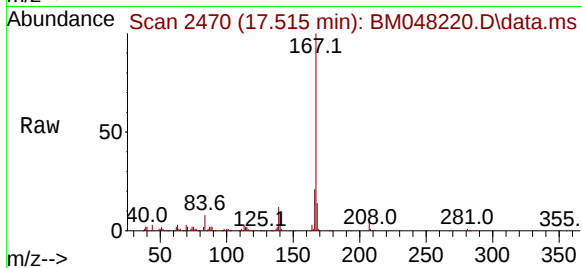
Tgt Ion:167 Resp: 230094

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 4.790 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

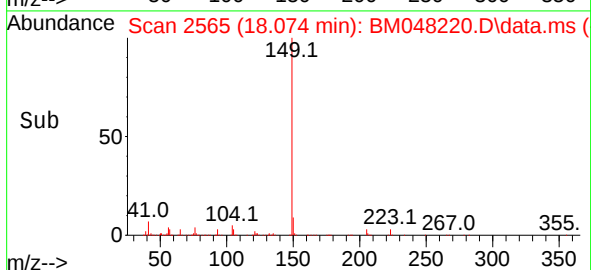
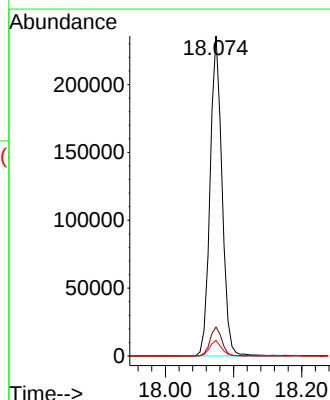
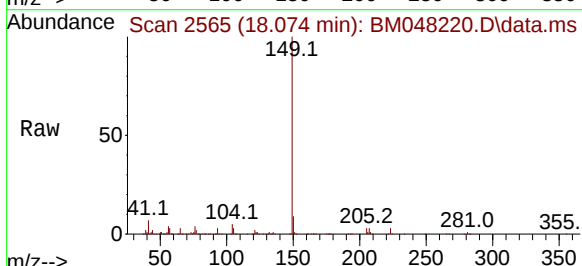
Tgt Ion:149 Resp: 286670

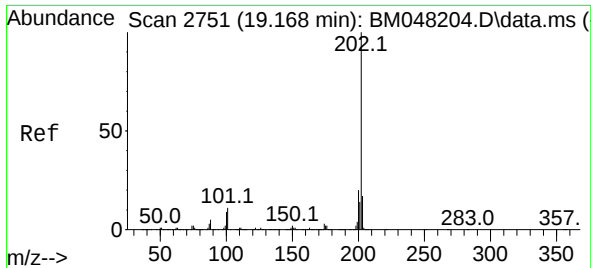
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 4.8 3.8 5.6

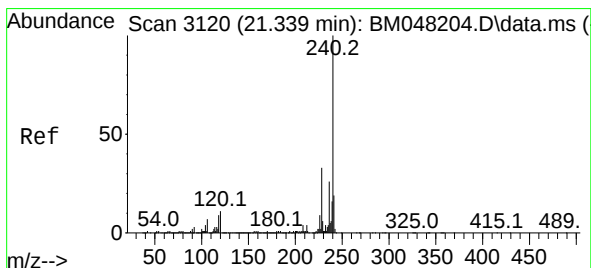
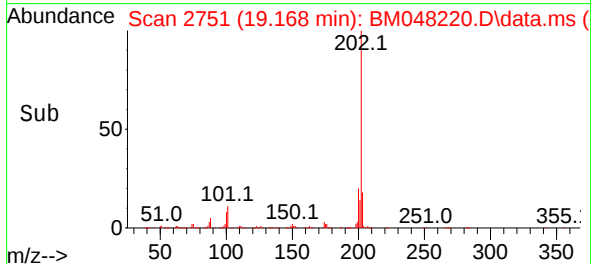
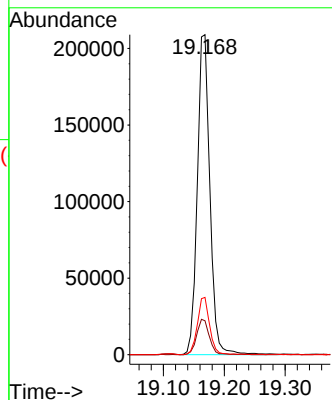
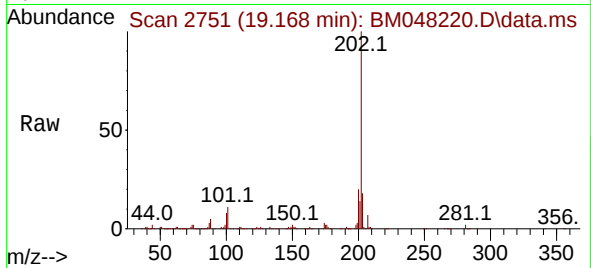




#75
Fluoranthene
Concen: 4.965 ng
RT: 19.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

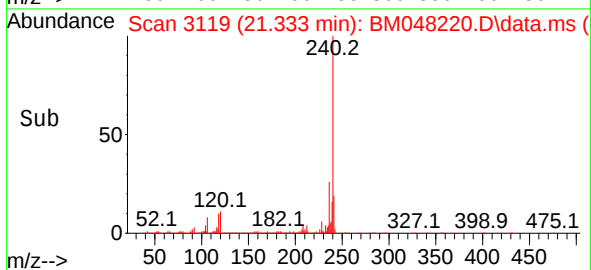
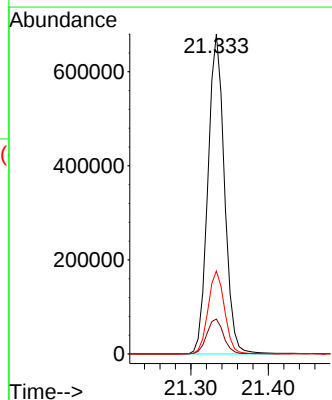
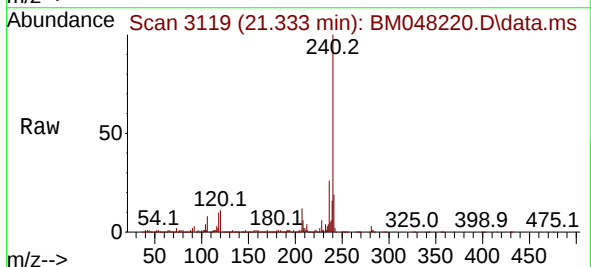
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

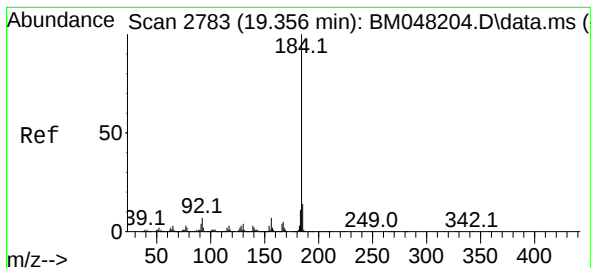
Tgt Ion:202 Resp: 300052
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:240 Resp: 1004888
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.0 20.7 31.1





#77

Benzidine

Concen: 3.920 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

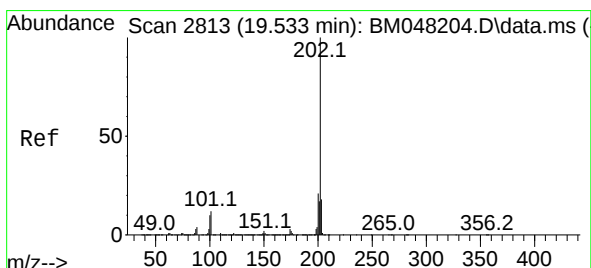
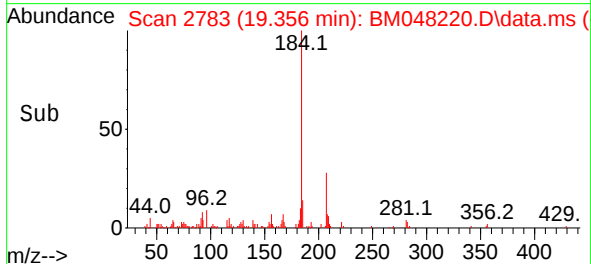
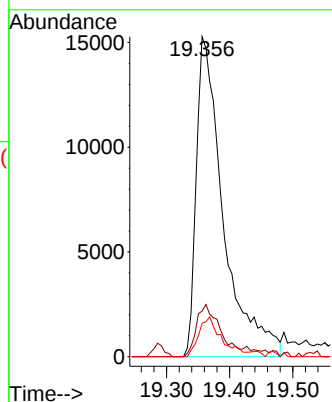
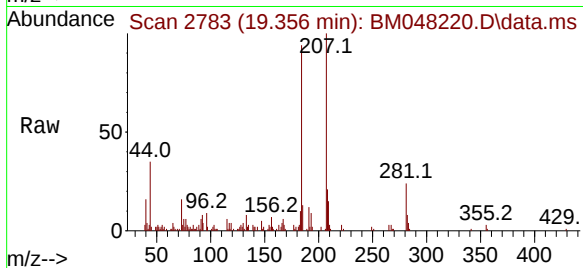
Tgt Ion:184 Resp: 45458

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 10.5 9.0 13.4



#78

Pyrene

Concen: 4.797 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

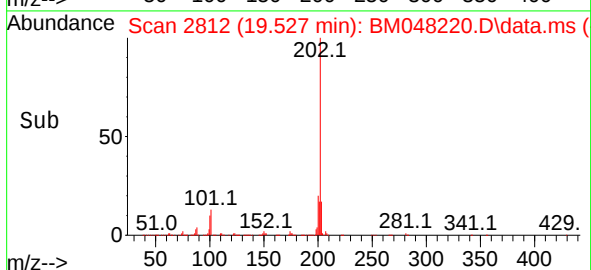
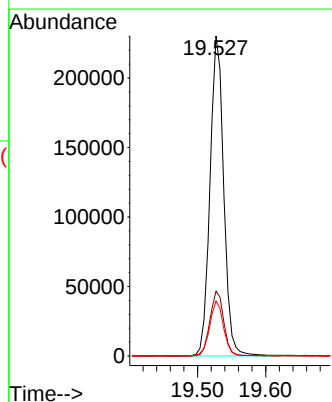
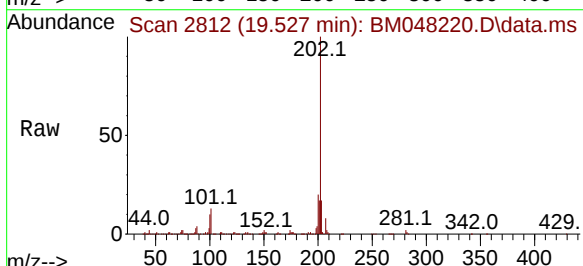
Tgt Ion:202 Resp: 322626

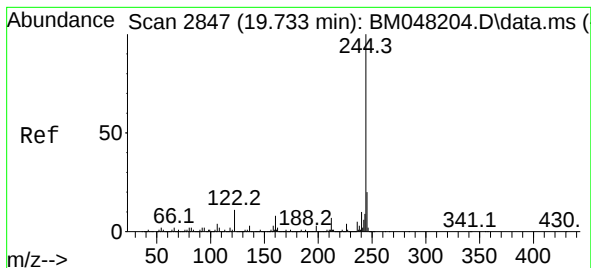
Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 68.380 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

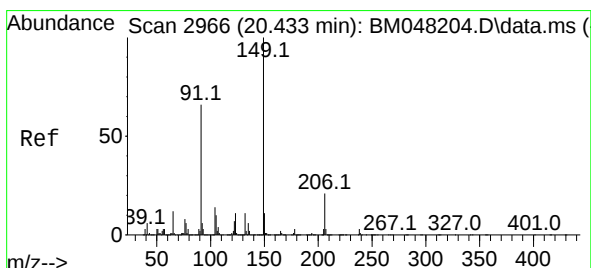
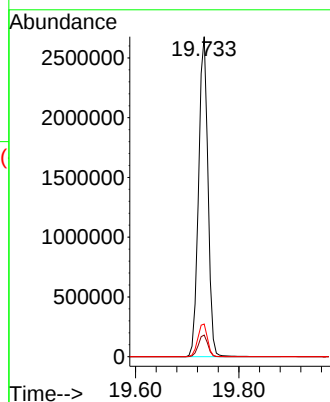
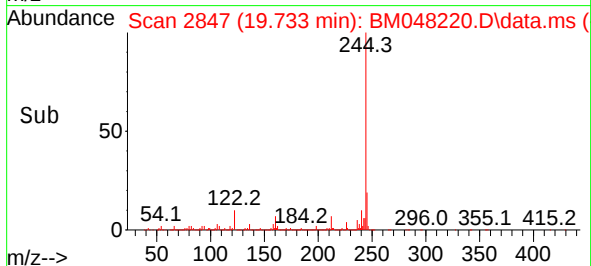
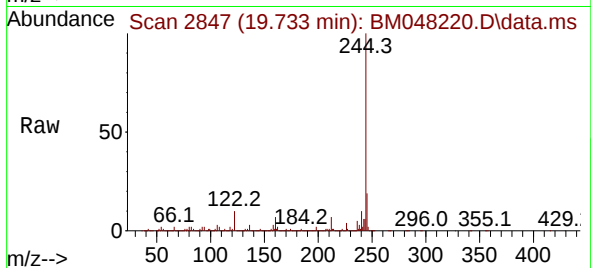
Tgt Ion:244 Resp: 3367148

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 4.471 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

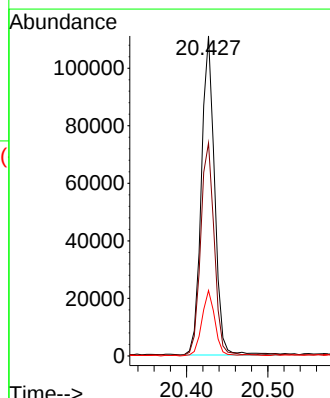
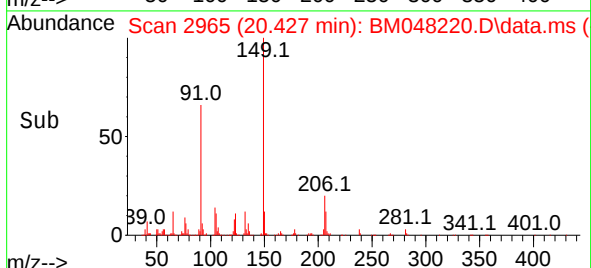
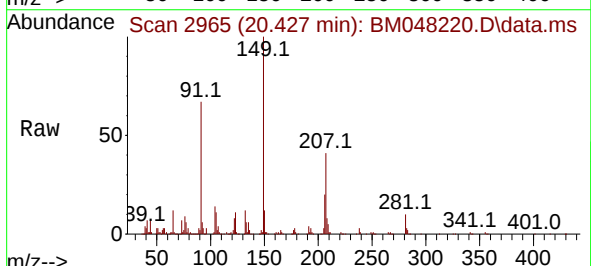
Tgt Ion:149 Resp: 125764

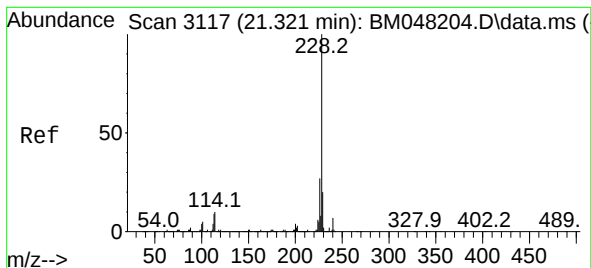
Ion Ratio Lower Upper

149 100

91 66.5 52.5 78.7

206 20.5 17.0 25.6





#81

Benzo(a)anthracene

Concen: 4.975 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

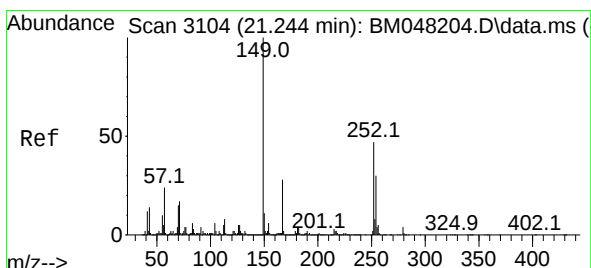
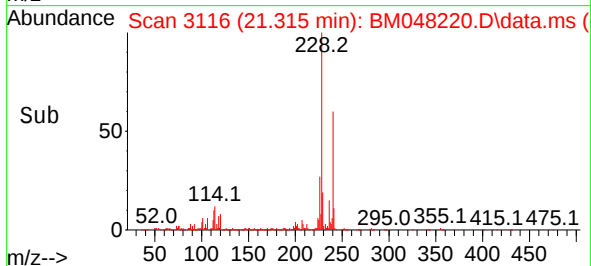
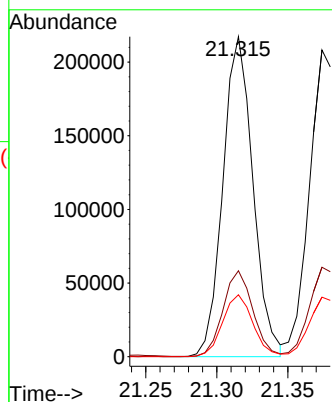
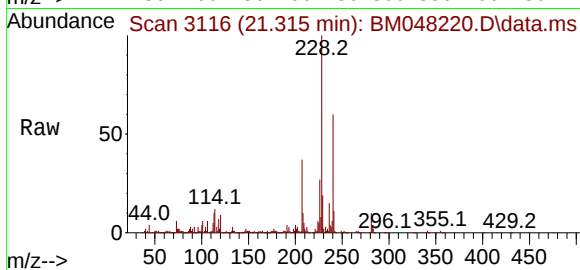
Tgt Ion:228 Resp: 319477

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 4.595 ng

RT: 21.245 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

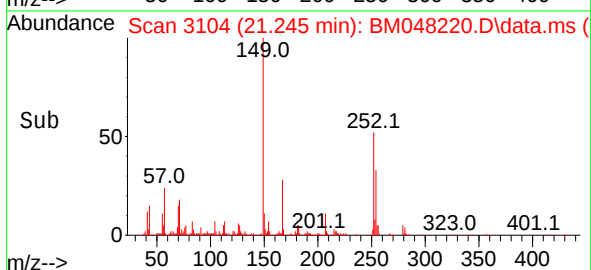
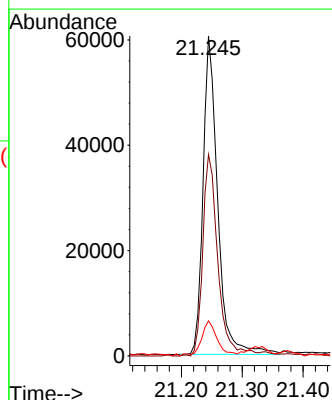
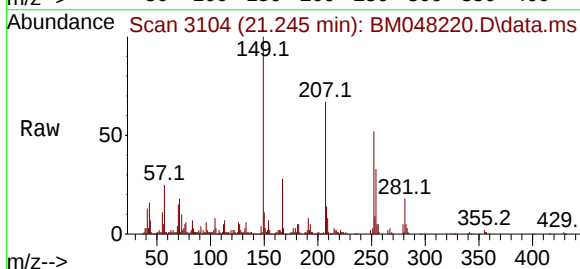
Tgt Ion:252 Resp: 101074

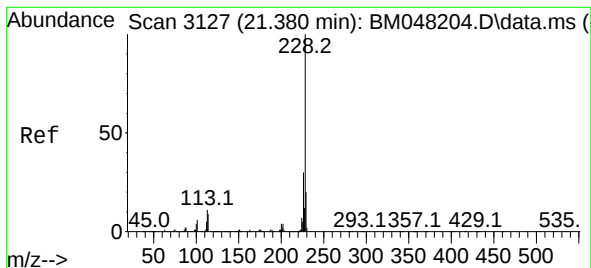
Ion Ratio Lower Upper

252 100

254 63.0 51.8 77.8

126 11.0 8.8 13.2





#83

Chrysene

Concen: 5.154 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

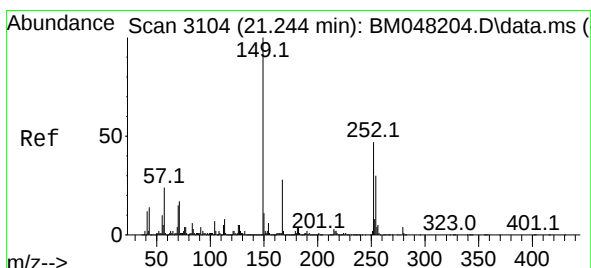
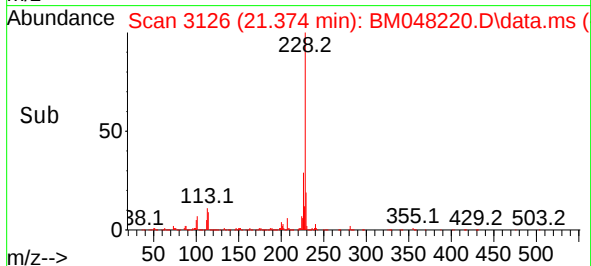
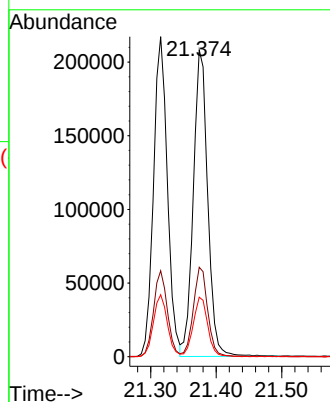
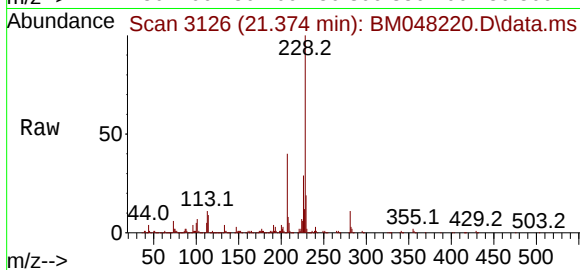
Tgt Ion:228 Resp: 317707

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.748 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

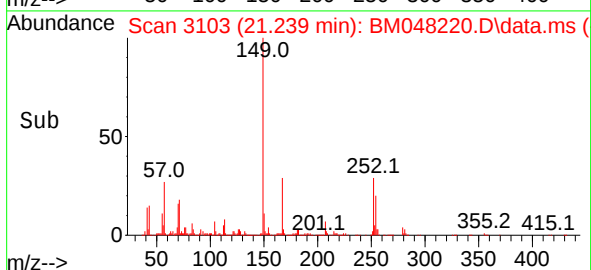
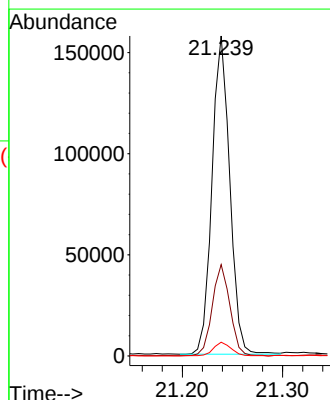
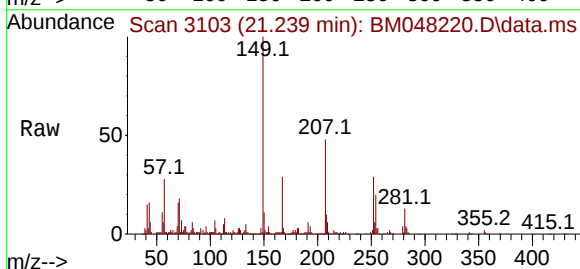
Tgt Ion:149 Resp: 194086

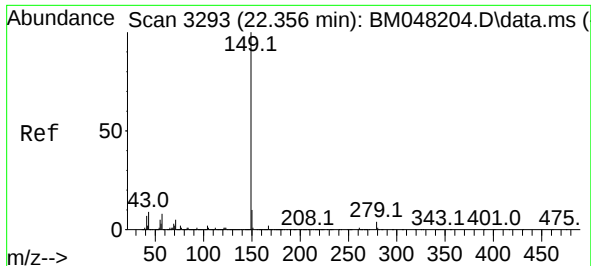
Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

279 4.3 3.3 4.9

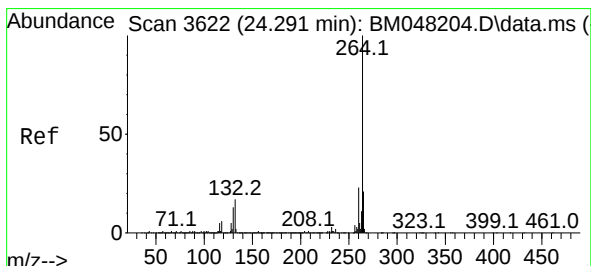
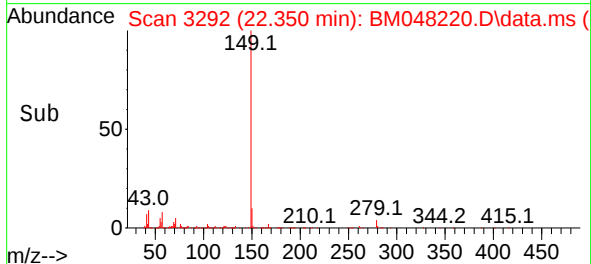
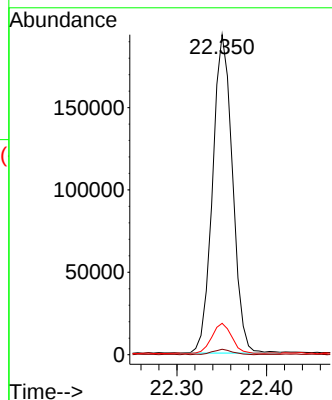
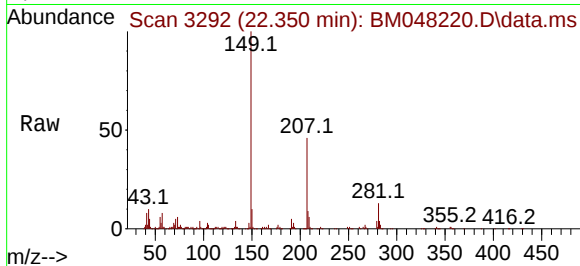




#85
Di-n-octyl phthalate
Concen: 4.211 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

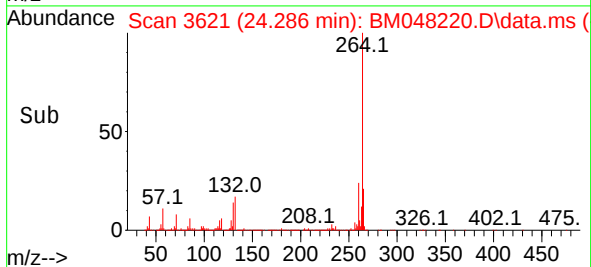
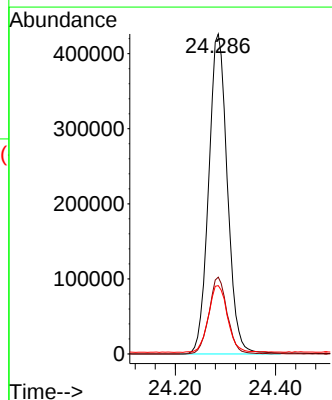
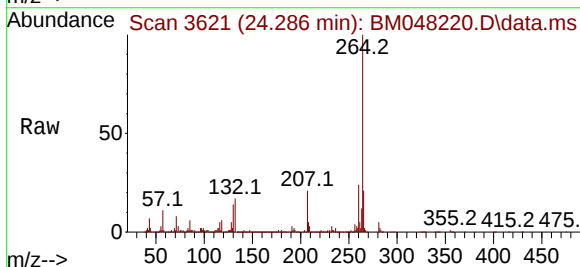
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

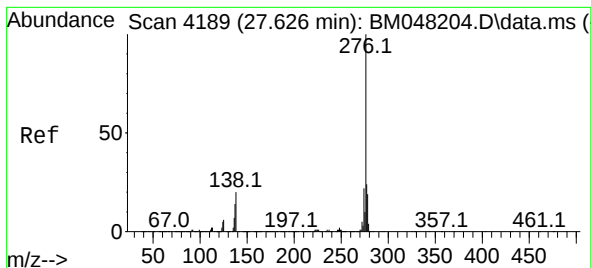
Tgt Ion:149 Resp: 298107
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.6 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.286 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:264 Resp: 1104440
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.227 ng

RT: 27.603 min Scan# 4189

Delta R.T. -0.023 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

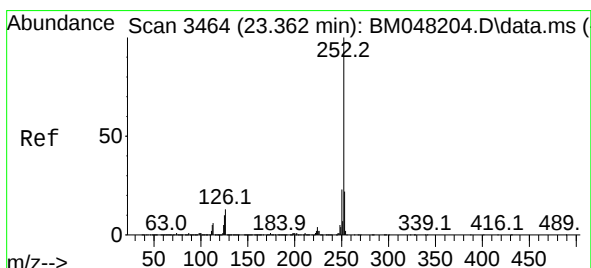
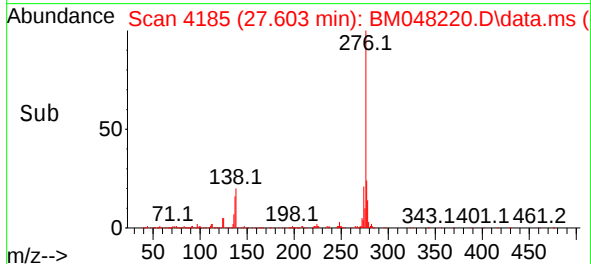
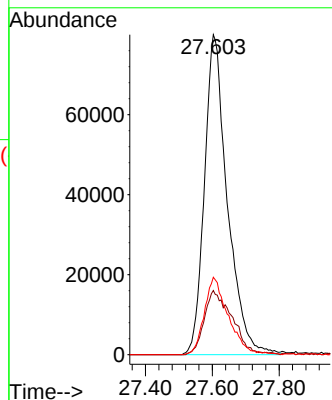
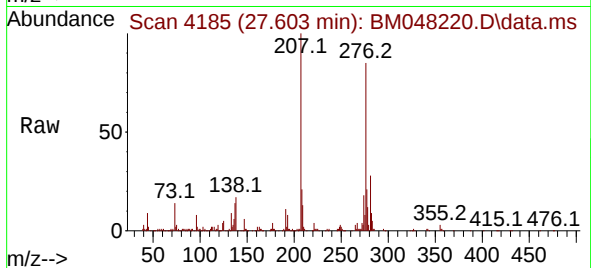
Tgt Ion:276 Resp: 381725

Ion Ratio Lower Upper

276 100

138 24.4 19.8 29.6

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 5.072 ng

RT: 23.350 min Scan# 3462

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

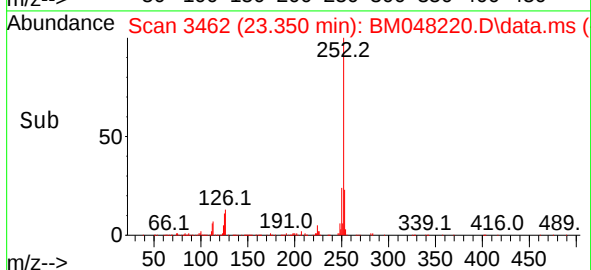
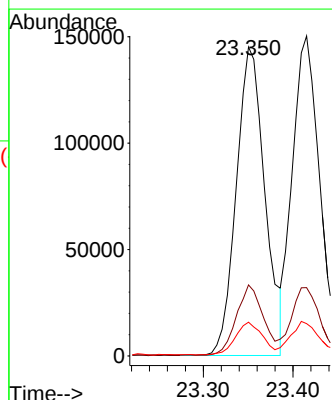
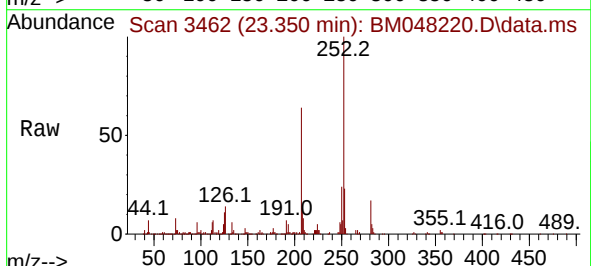
Tgt Ion:252 Resp: 321179

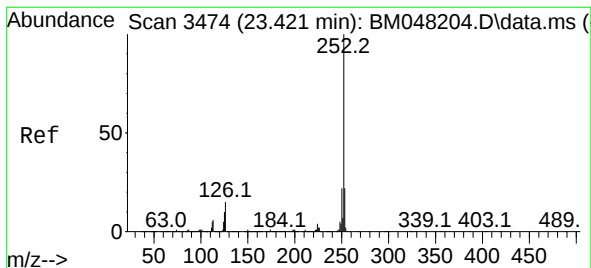
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 11.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 5.216 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

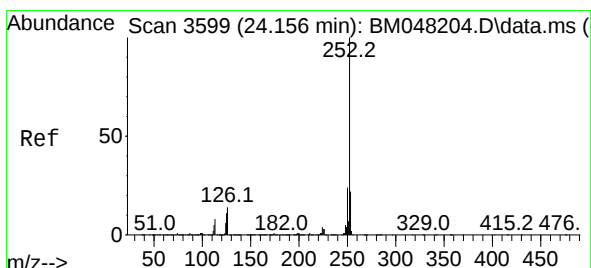
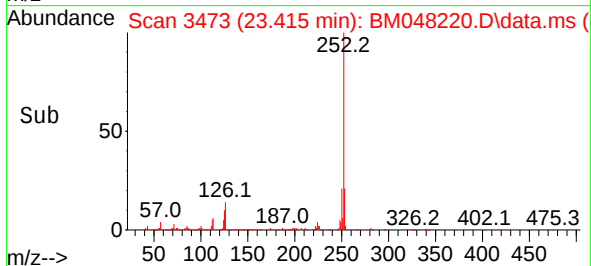
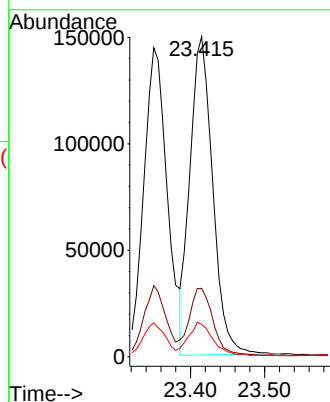
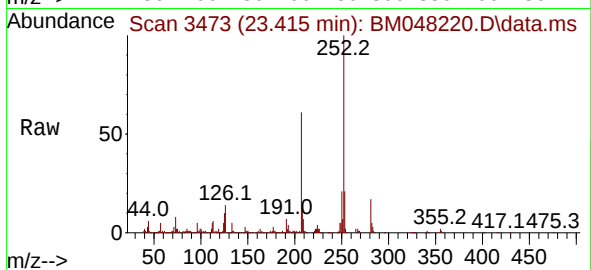
Tgt Ion:252 Resp: 319367

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 5.192 ng

RT: 24.144 min Scan# 3597

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

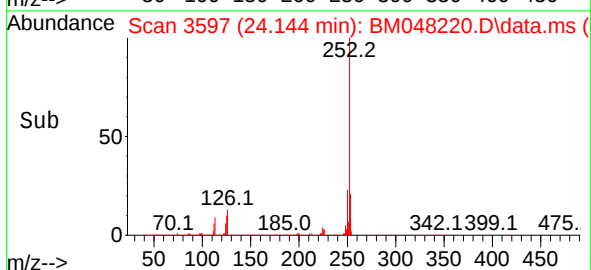
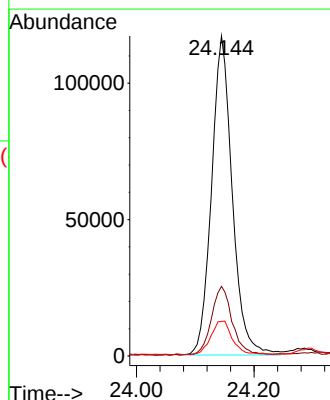
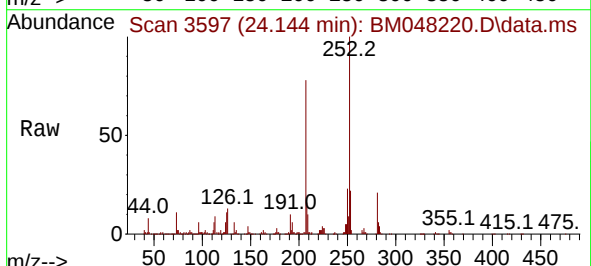
Tgt Ion:252 Resp: 285817

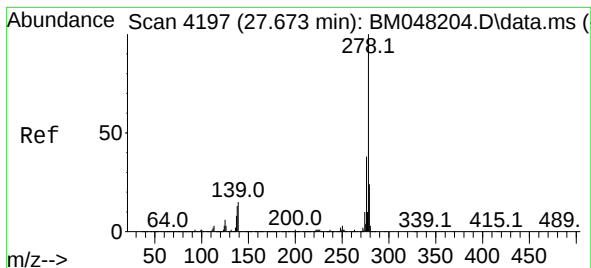
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.191 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

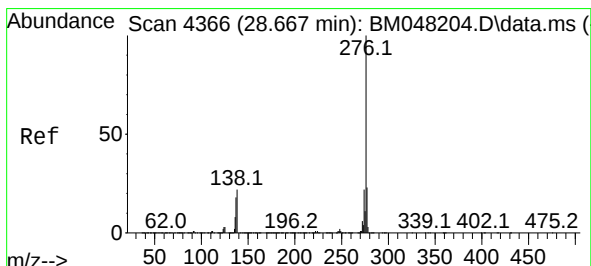
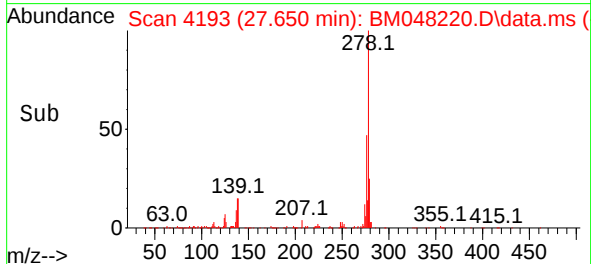
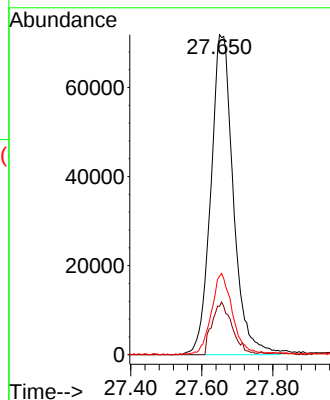
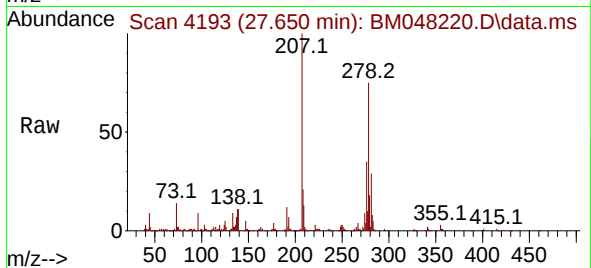
Tgt Ion:278 Resp: 315734

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 24.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 4.937 ng

RT: 28.644 min Scan# 4362

Delta R.T. -0.023 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:276 Resp: 307449

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 20.2 17.5 26.3

