

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047541.D
 Acq On : 17 Sep 2024 12:34
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 17 13:13:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	481395	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2125731	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1225848	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2391113	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1986277	20.000	ng	0.00
86) Perylene-d12	24.468	264	1869878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3144774	104.014	ng	0.00
7) Phenol-d6	7.010	99	4390063	103.105	ng	0.00
23) Nitrobenzene-d5	9.004	82	3395070	79.930	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1289725	108.848	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7197212	80.877	ng	0.00
79) Terphenyl-d14	19.833	244	10082980	90.965	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	77217	5.963	ng	98
3) Pyridine	3.722	79	188578	4.892	ng	96
4) n-Nitrosodimethylamine	3.628	42	99652	5.698	ng	# 94
6) Aniline	7.169	93	229990	6.093	ng	98
8) 2-Chlorophenol	7.410	128	173196	5.196	ng	98
9) Benzaldehyde	6.981	77	180359	8.908	ng	99
10) Phenol	7.034	94	224602	5.268	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	187896	5.490	ng	98
12) 1,3-Dichlorobenzene	7.740	146	183816	5.039	ng	98
13) 1,4-Dichlorobenzene	7.881	146	187218	5.038	ng	98
14) 1,2-Dichlorobenzene	8.198	146	182567	4.993	ng	99
15) Benzyl Alcohol	8.081	79	149849	5.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	276113	5.735	ng	98
17) 2-Methylphenol	8.281	107	128942	4.734	ng	97
18) Hexachloroethane	8.934	117	76657	5.164	ng	94
19) n-Nitroso-di-n-propyla...	8.651	70	147692	5.145	ng	99
20) 3+4-Methylphenols	8.610	107	177034	4.658	ng	99
22) Acetophenone	8.663	105	284054	5.083	ng	# 98
24) Nitrobenzene	9.040	77	234935	5.383	ng	99
25) Isophorone	9.569	82	392131	5.251	ng	99
26) 2-Nitrophenol	9.751	139	61531	4.137	ng	95
27) 2,4-Dimethylphenol	9.810	122	67691	3.002	ng	91
28) bis(2-Chloroethoxy)met...	10.051	93	244722	5.217	ng	98
29) 2,4-Dichlorophenol	10.287	162	128231	4.477	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	154577	4.711	ng	95
31) Naphthalene	10.692	128	557488	4.856	ng	99
32) Benzoic acid	9.869	122	46839	8.513	ng	98
33) 4-Chloroaniline	10.792	127	214114	5.158	ng	98
34) Hexachlorobutadiene	10.986	225	81637	4.492	ng	98
35) Caprolactam	11.551	113	42469	4.501	ng	100
36) 4-Chloro-3-methylphenol	11.916	107	149931	4.567	ng	99
37) 2-Methylnaphthalene	12.304	142	354871	4.644	ng	99
38) 1-Methylnaphthalene	12.522	142	337205	4.441	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	158052	4.765	ng	98
41) Hexachlorocyclopentadiene	12.663	237	29486	2.719	ng	95
43) 2,4,6-Trichlorophenol	12.910	196	88047	4.237	ng	96

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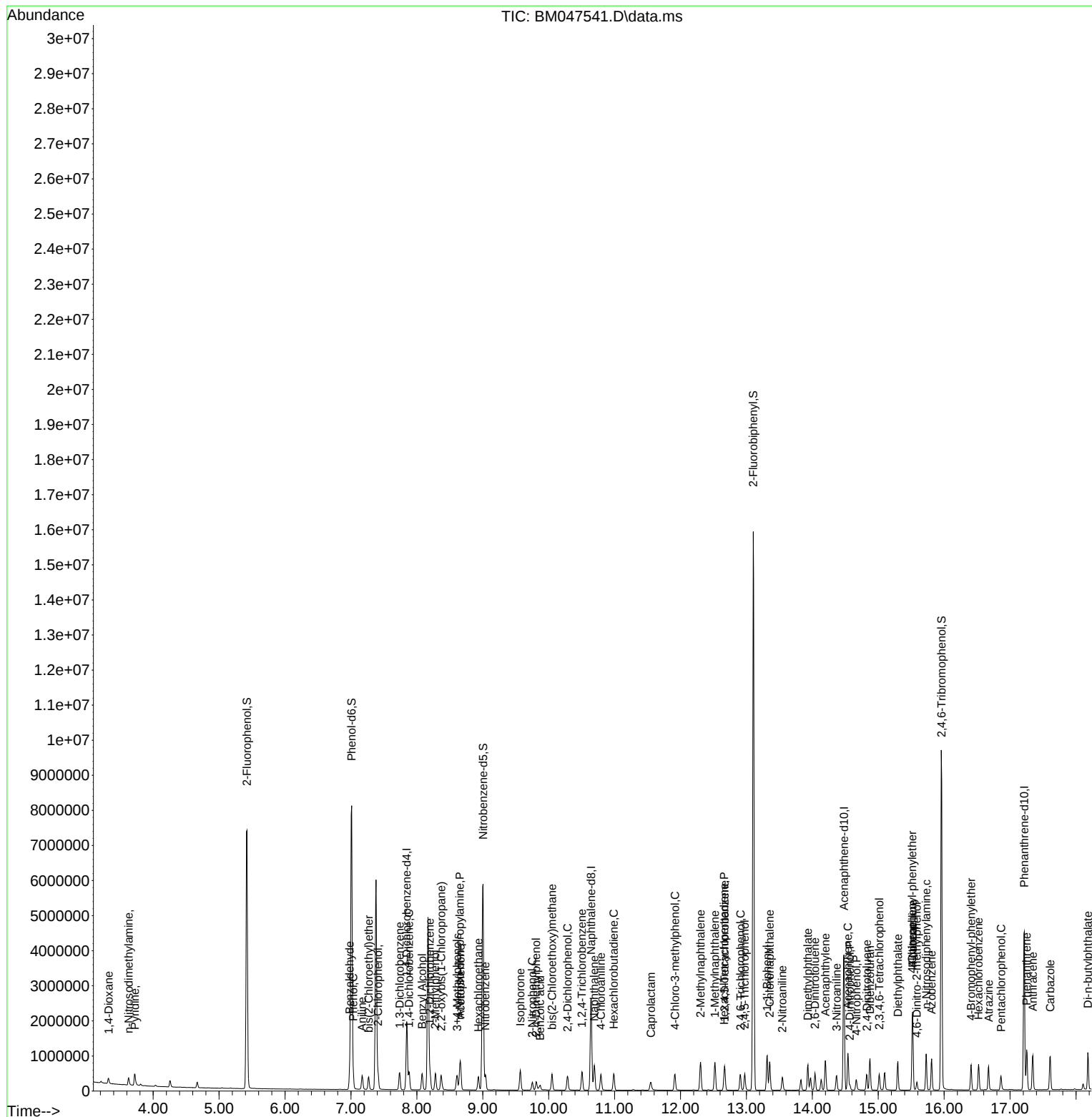
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	98157	4.182	ng	98
46) 1,1'-Biphenyl	13.316	154	473913	4.969	ng	98
47) 2-Chloronaphthalene	13.351	162	347910	4.698	ng	99
48) 2-Nitroaniline	13.545	65	95375	4.385	ng	93
49) Acenaphthylene	14.198	152	546112	5.110	ng	100
50) Dimethylphthalate	13.933	163	404780	4.845	ng	99
51) 2,6-Dinitrotoluene	14.039	165	74566	4.228	ng	87
52) Acenaphthene	14.539	154	339963	4.540	ng	98
53) 3-Nitroaniline	14.369	138	87700	4.473	ng	98
54) 2,4-Dinitrophenol	14.569	184	20181	5.666	ng	# 84
55) Dibenzofuran	14.874	168	513264	4.878	ng	97
56) 4-Nitrophenol	14.669	139	65931	4.087	ng	96
57) 2,4-Dinitrotoluene	14.827	165	94482	4.016	ng	# 92
58) Fluorene	15.521	166	417627	4.408	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.016	232	73996	4.043	ng	96
60) Diethylphthalate	15.298	149	425964	4.790	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	184616	4.262	ng	94
62) 4-Nitroaniline	15.521	138	90071	3.909	ng	91
63) Azobenzene	15.810	77	511938	5.229	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	32499	9.442	ng	94
66) n-Nitrosodiphenylamine	15.727	169	326071	4.458	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	98921	4.258	ng	98
68) Hexachlorobenzene	16.521	284	114175	4.338	ng	92
69) Atrazine	16.674	200	92418	4.571	ng	98
70) Pentachlorophenol	16.863	266	51690	3.388	ng	98
71) Phenanthrene	17.251	178	614052	4.660	ng	99
72) Anthracene	17.345	178	544747	4.303	ng	98
73) Carbazole	17.610	167	557713	4.445	ng	98
74) Di-n-butylphthalate	18.180	149	683013	4.550	ng	99
75) Fluoranthene	19.262	202	606169	4.216	ng	97
77) Benzidine	19.439	184	113001	4.039	ng	99
78) Pyrene	19.621	202	643960	4.445	ng	99
80) Butylbenzylphthalate	20.521	149	235488	4.222	ng	92
81) Benzo(a)anthracene	21.421	228	629601	4.863	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	158706	4.608	ng	# 96
83) Chrysene	21.480	228	585349	4.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	397325	4.548	ng	97
85) Di-n-octyl phthalate	22.503	149	559135	4.524	ng	97
87) Indeno(1,2,3-cd)pyrene	27.874	276	570924	5.102	ng	98
88) Benzo(b)fluoranthene	23.509	252	554785	4.586	ng	98
89) Benzo(k)fluoranthene	23.568	252	546176	4.555	ng	98
90) Benzo(a)pyrene	24.321	252	471027	4.750	ng	# 97
91) Dibenzo(a,h)anthracene	27.938	278	464503	4.934	ng	98
92) Benzo(g,h,i)perylene	28.944	276	445931	4.849	ng	97

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

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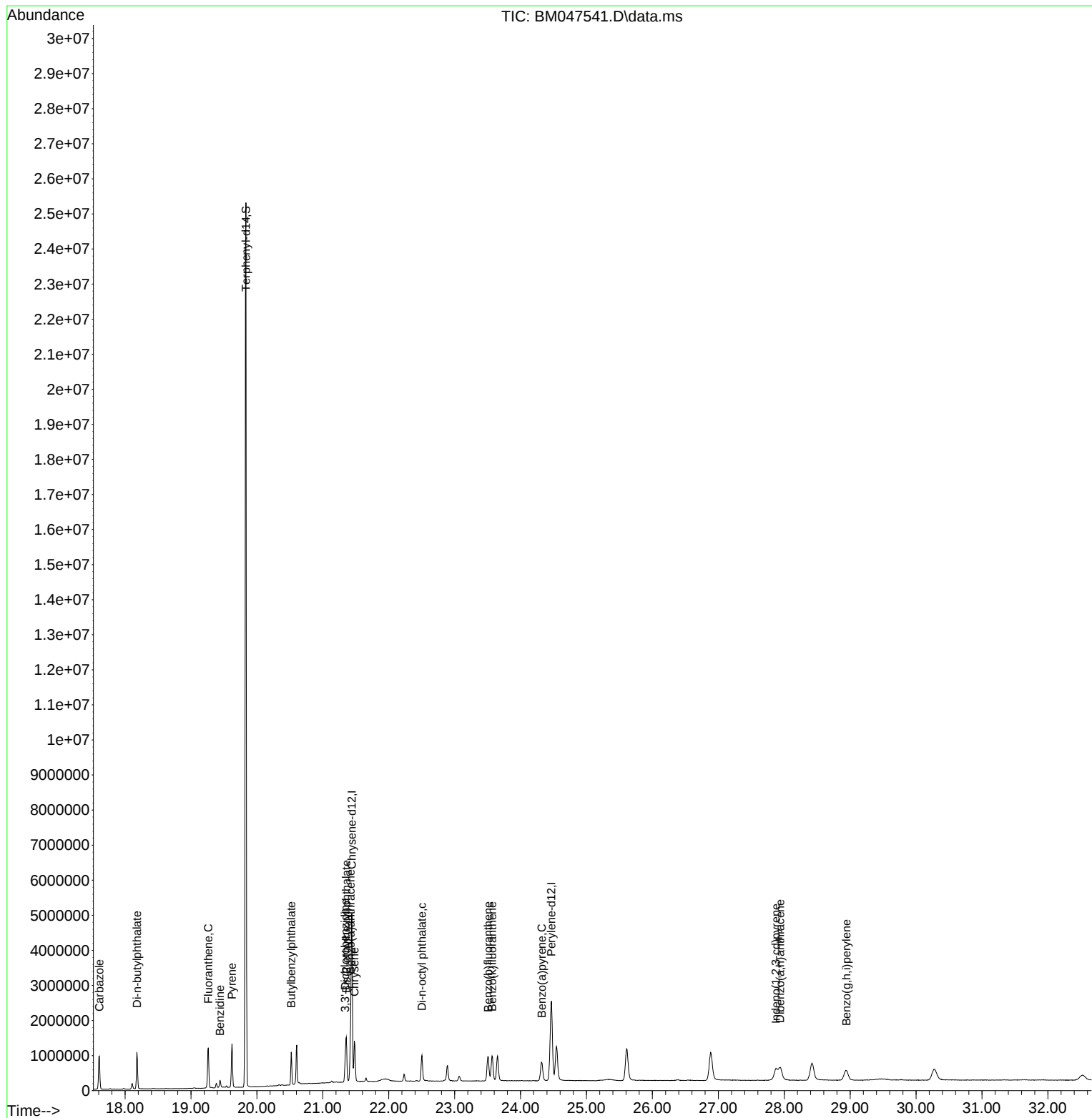
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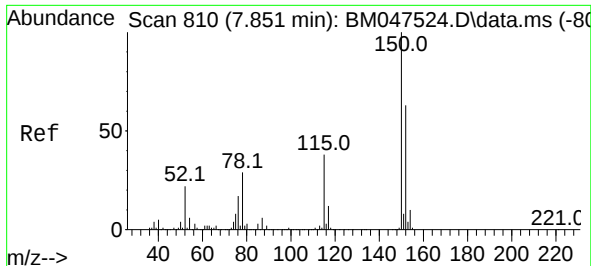


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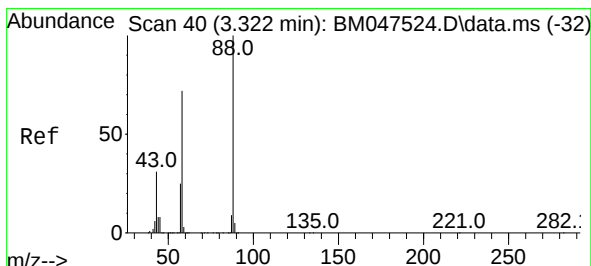
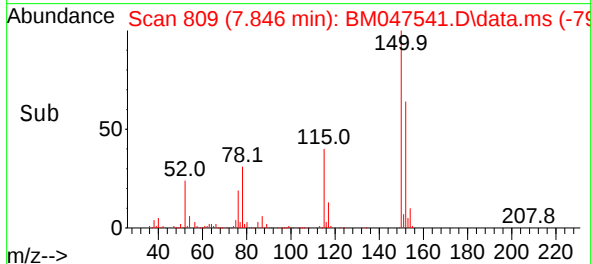
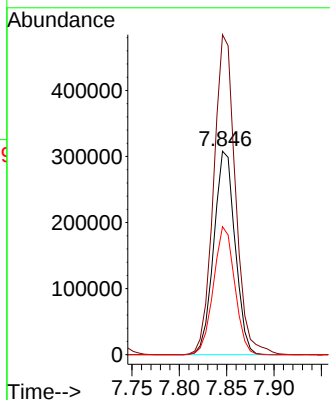
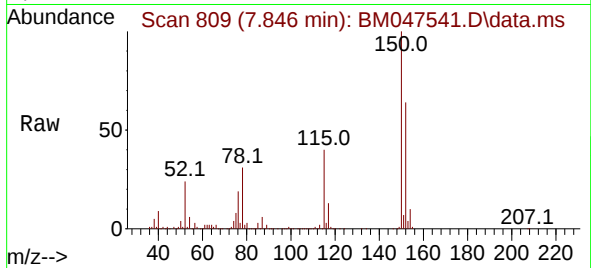




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 810
Delta R.T. -0.005 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

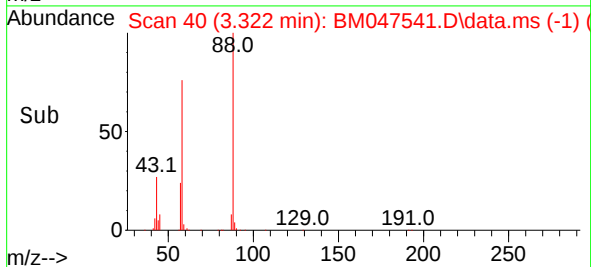
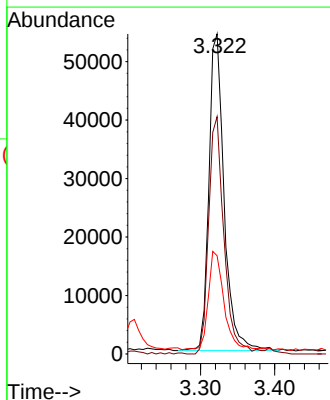
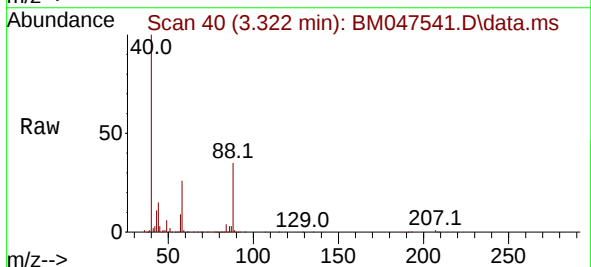
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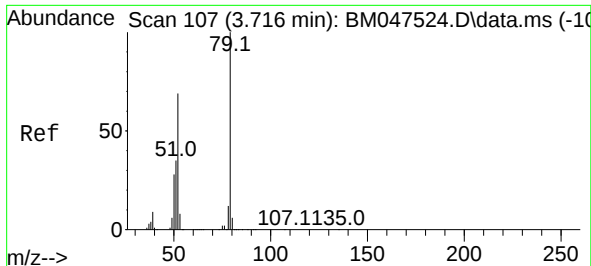
Tgt Ion:152 Resp: 481395
Ion Ratio Lower Upper
152 100
150 157.2 126.8 190.2
115 62.9 47.8 71.8



#2
1,4-Dioxane
Concen: 5.963 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 88 Resp: 77217
Ion Ratio Lower Upper
88 100
58 75.7 59.0 88.6
43 32.0 25.0 37.4

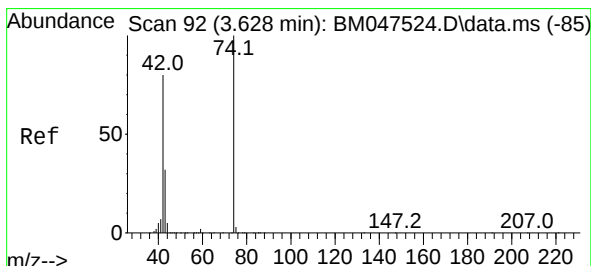
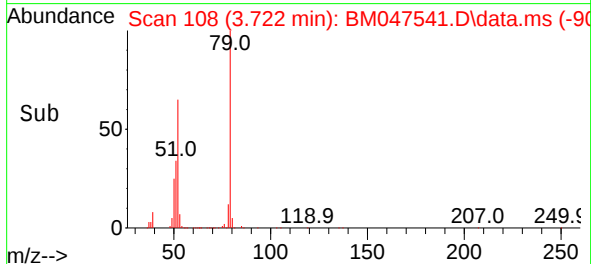
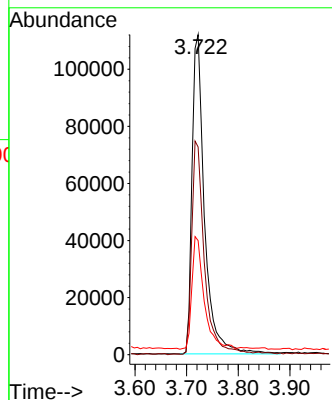
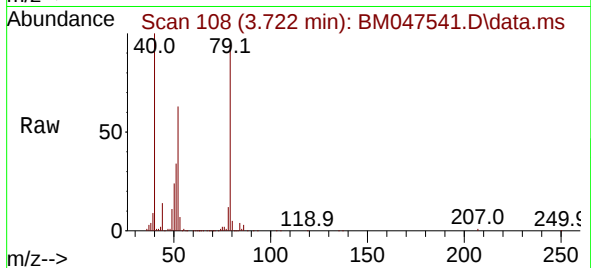




#3
Pyridine
Concen: 4.892 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

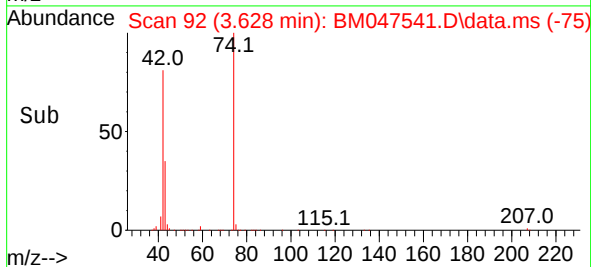
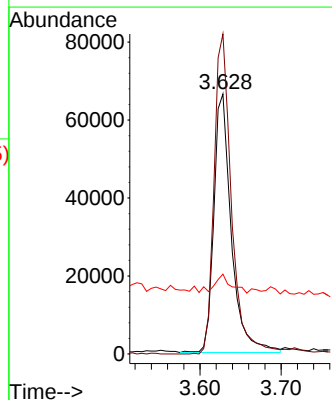
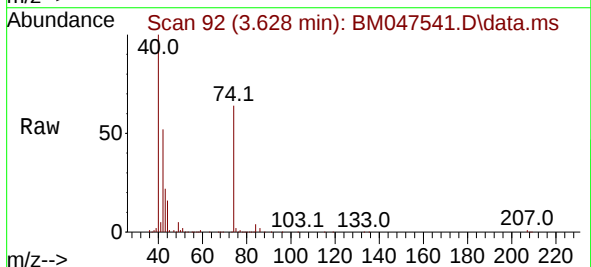
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ClientSampleId :
LOQ-WATER-02-QT2-2024

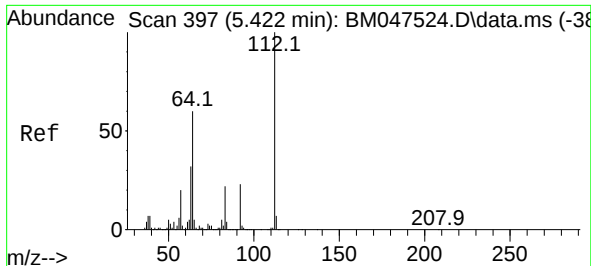
Tgt Ion: 79 Resp: 188578
Ion Ratio Lower Upper
79 100
52 64.9 55.4 83.0
51 35.6 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 5.698 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 42 Resp: 99652
Ion Ratio Lower Upper
42 100
74 123.0 100.5 150.7
44 30.7 6.9 10.3





#5

2-Fluorophenol

Concen: 104.014 ng

RT: 5.422 min Scan# 397

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

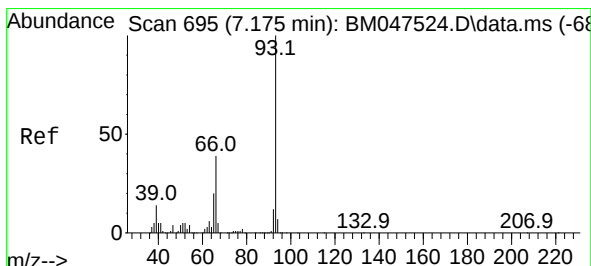
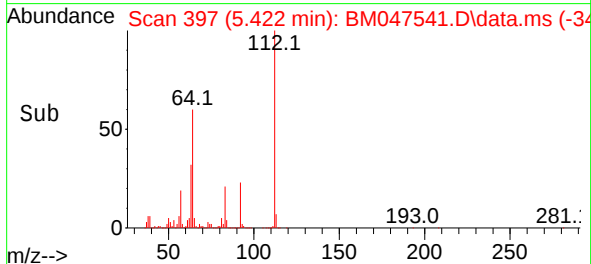
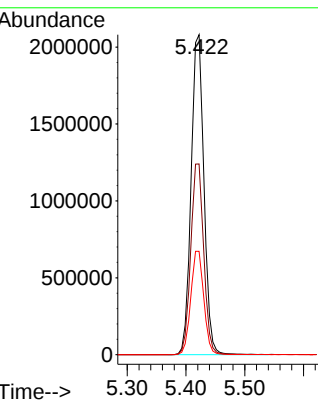
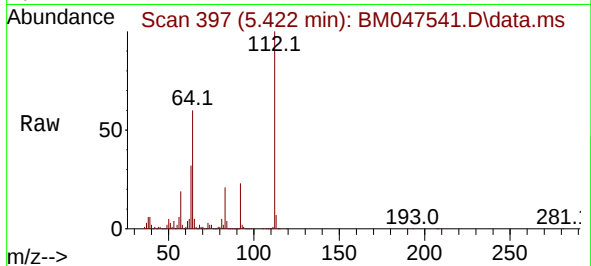
Tgt Ion:112 Resp: 3144774

Ion Ratio Lower Upper

112 100

64 59.6 48.2 72.4

63 32.3 26.0 39.0



#6

Aniline

Concen: 6.093 ng

RT: 7.169 min Scan# 694

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

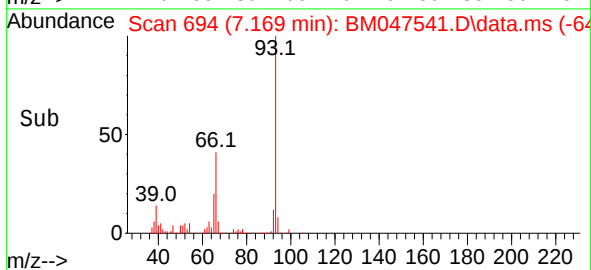
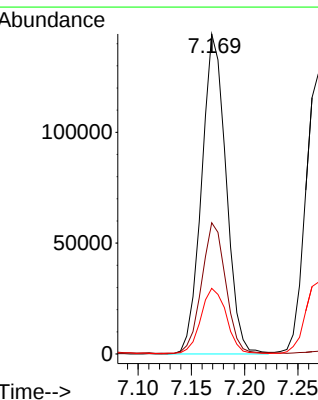
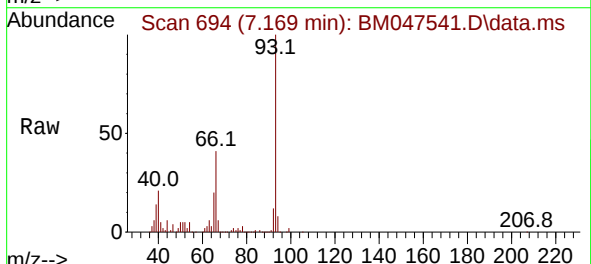
Tgt Ion: 93 Resp: 229990

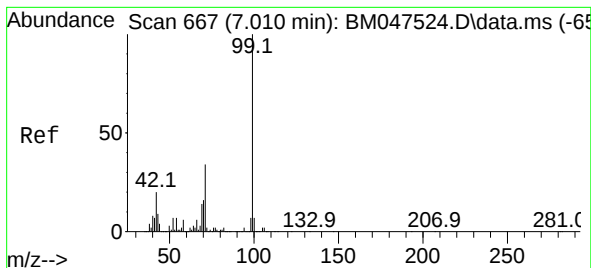
Ion Ratio Lower Upper

93 100

66 41.0 31.4 47.0

65 20.5 16.3 24.5





#7

Phenol-d6

Concen: 103.105 ng

RT: 7.010 min Scan# 6

Delta R.T. 0.000 min

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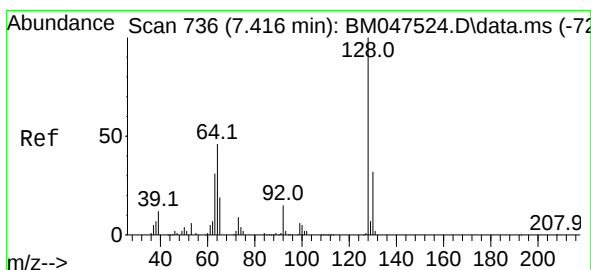
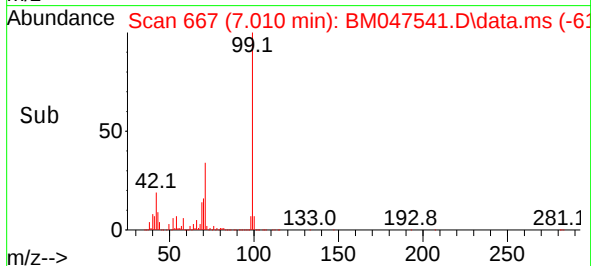
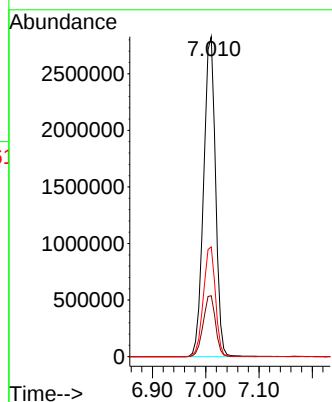
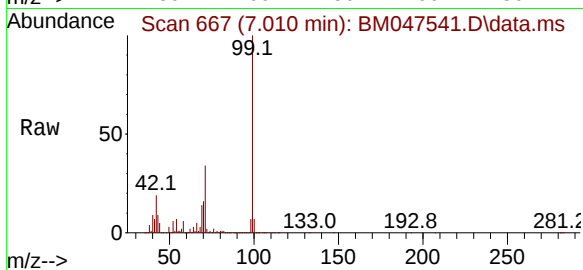
Tgt Ion: 99 Resp: 4390063

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.8

71 34.3 27.6 41.4



#8

2-Chlorophenol

Concen: 5.196 ng

RT: 7.410 min Scan# 735

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

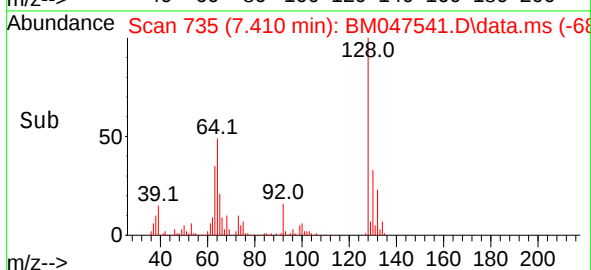
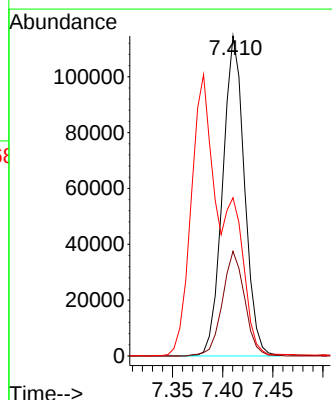
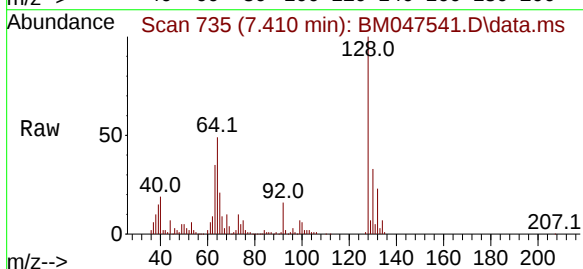
Tgt Ion:128 Resp: 173196

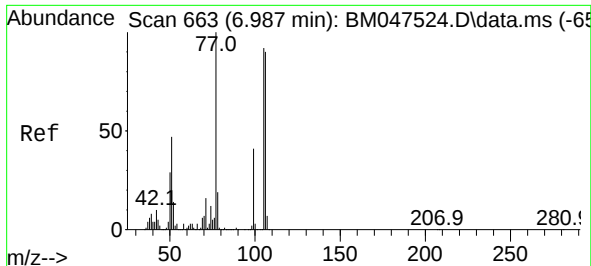
Ion Ratio Lower Upper

128 100

130 32.7 11.8 51.8

64 49.5 27.6 67.6

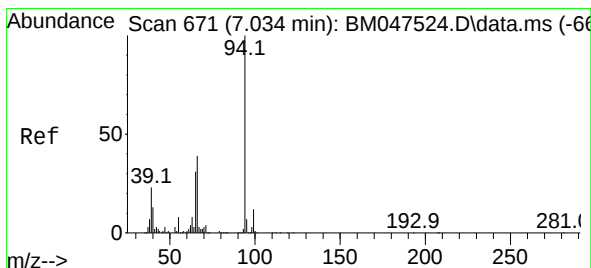
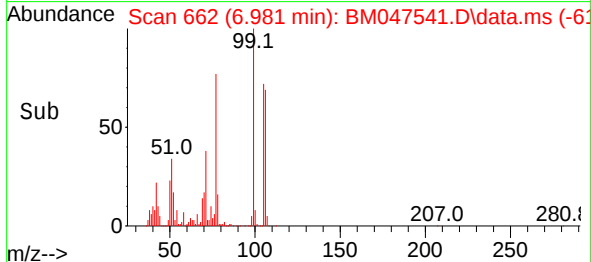
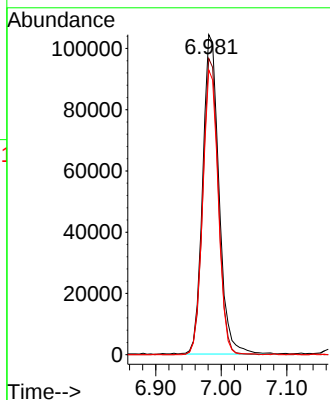
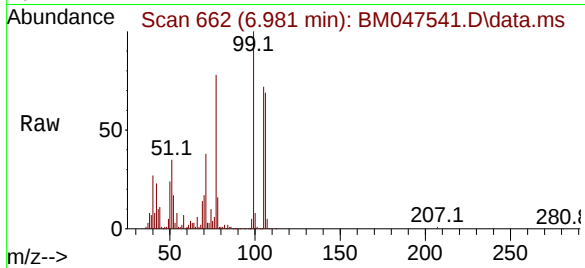




#9
Benzaldehyde
Concen: 8.908 ng
RT: 6.981 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

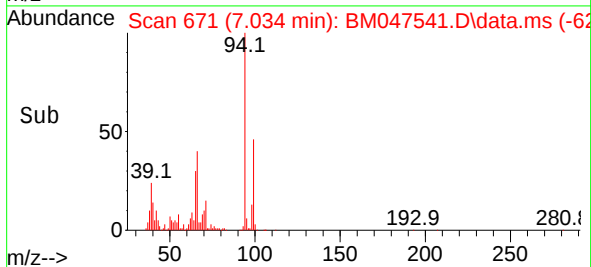
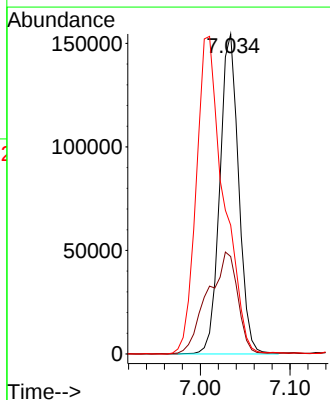
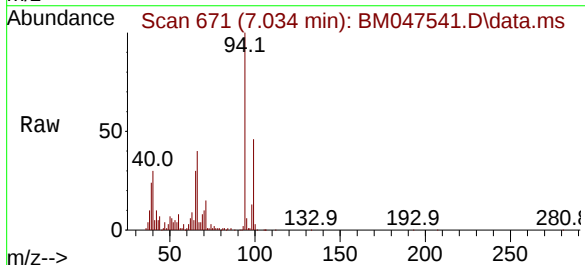
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

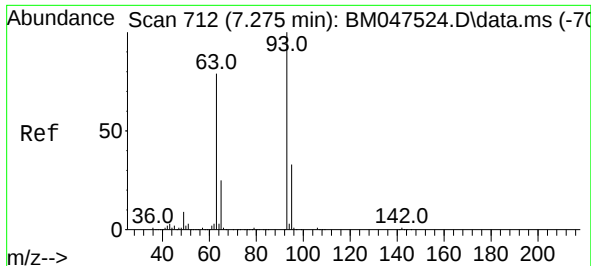
Tgt Ion: 77 Resp: 180359
Ion Ratio Lower Upper
77 100
105 92.5 71.8 111.8
106 89.0 69.7 109.7



#10
Phenol
Concen: 5.268 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 94 Resp: 224602
Ion Ratio Lower Upper
94 100
65 30.4 10.8 50.8
66 40.3 19.2 59.2

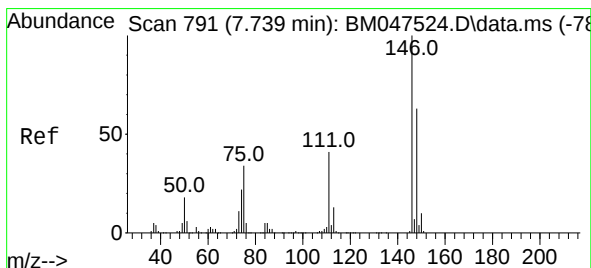
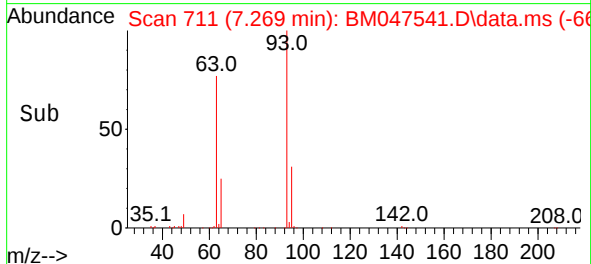
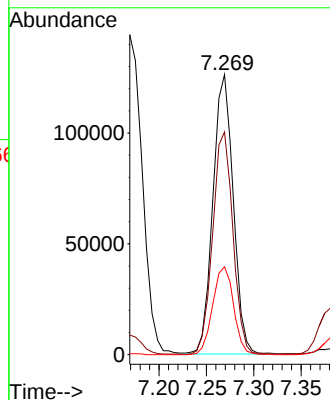
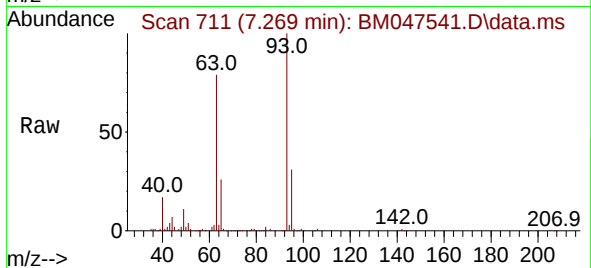




#11
bis(2-Chloroethyl)ether
Concen: 5.490 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

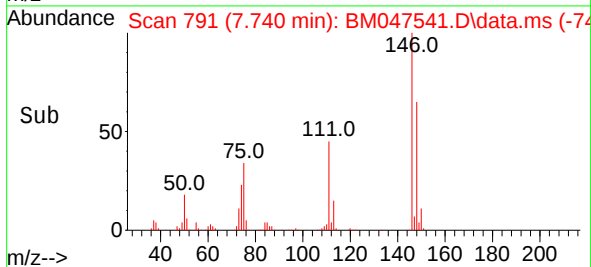
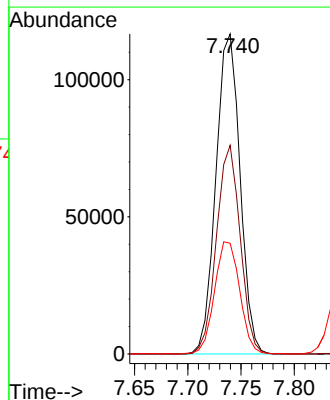
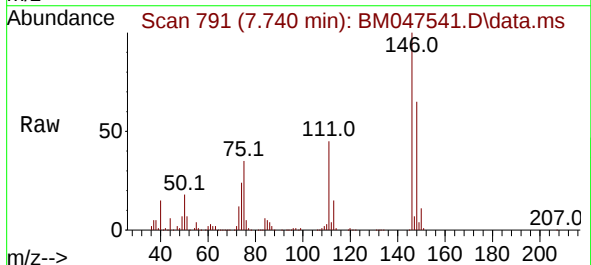
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

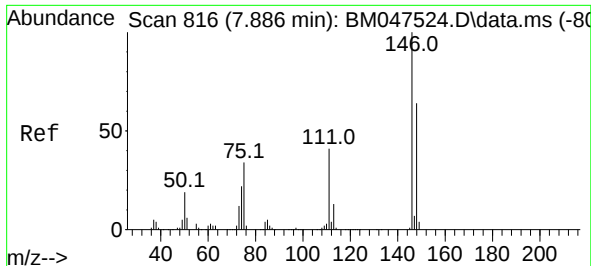
Tgt Ion: 93 Resp: 187896
Ion Ratio Lower Upper
93 100
63 79.5 58.2 98.2
95 31.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 5.039 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:146 Resp: 183816
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.4
75 34.6 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 5.038 ng

RT: 7.881 min Scan# 816

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

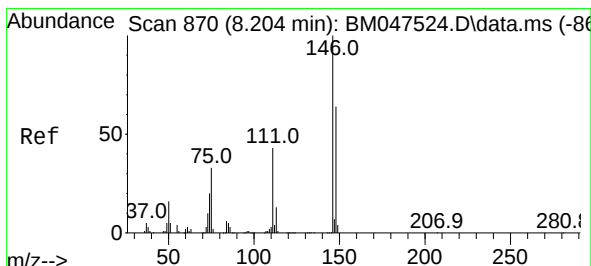
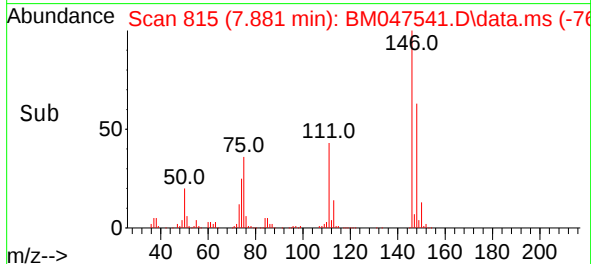
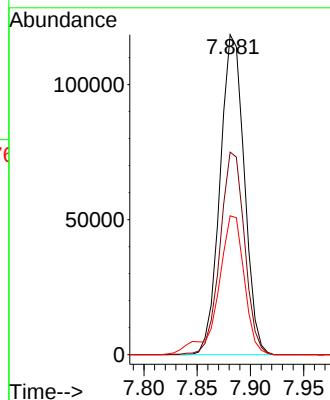
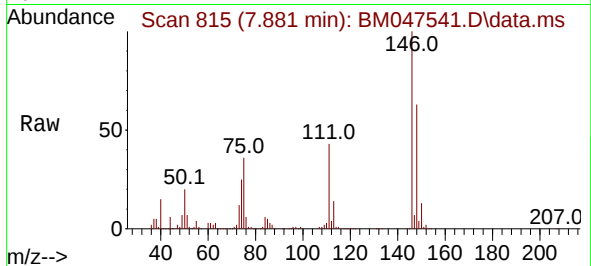
Tgt Ion:146 Resp: 187218

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.4 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 4.993 ng

RT: 8.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

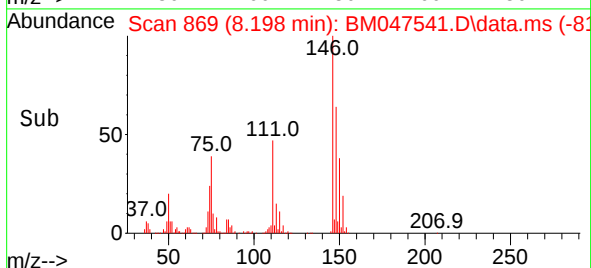
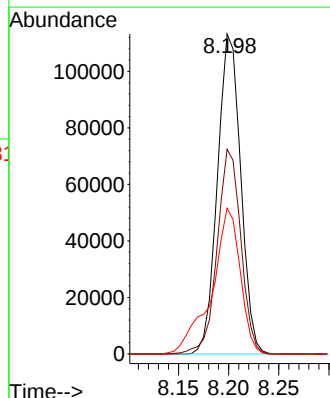
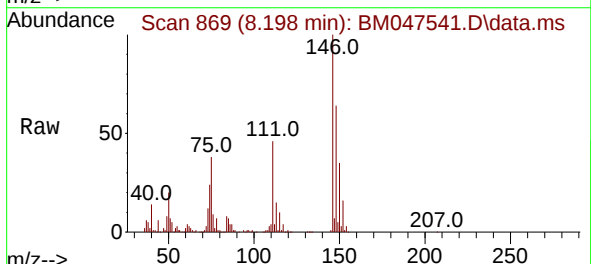
Tgt Ion:146 Resp: 182567

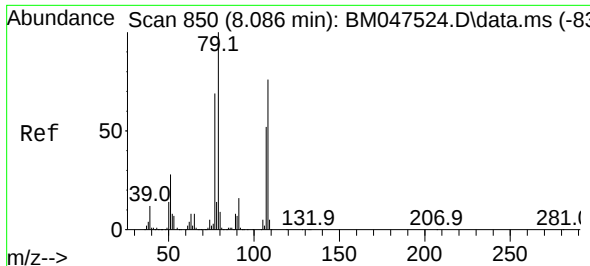
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 45.5 34.7 52.1

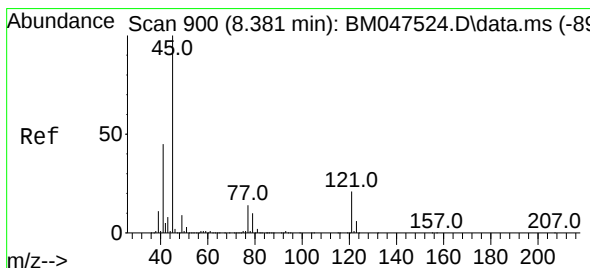
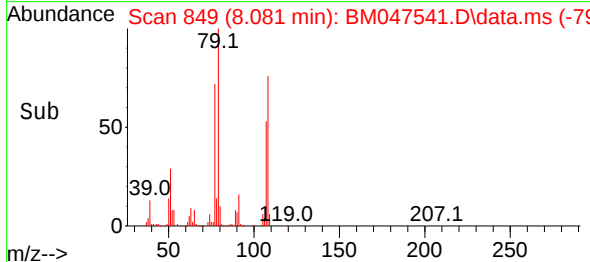
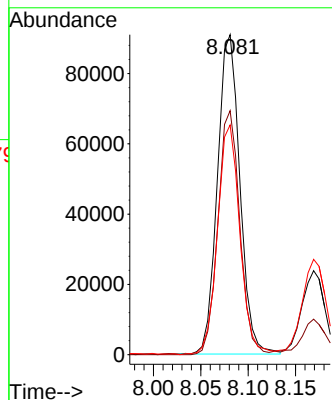
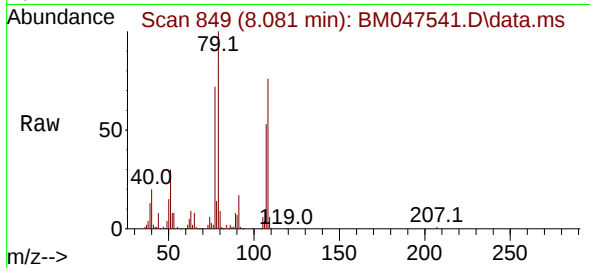




#15
Benzyl Alcohol
Concen: 5.196 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

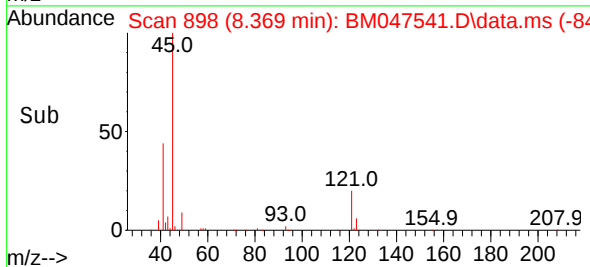
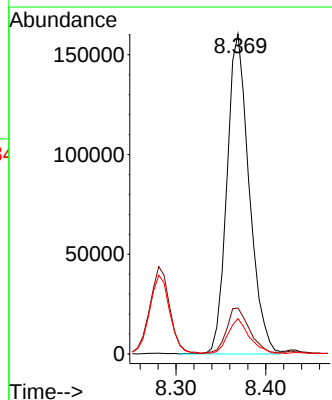
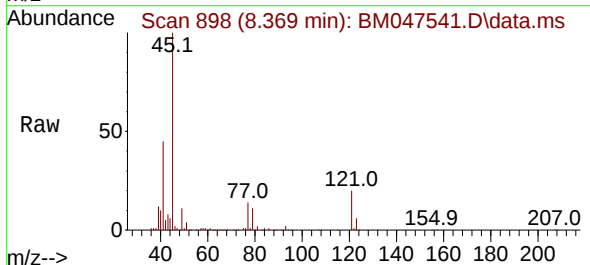
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

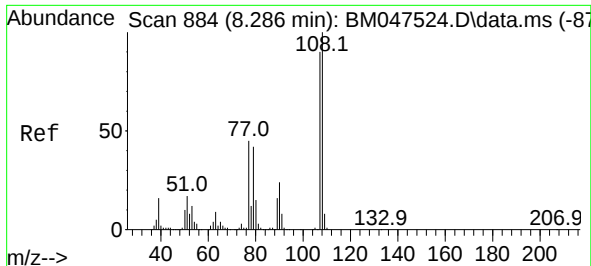
Tgt Ion: 79 Resp: 149849
Ion Ratio Lower Upper
79 100
108 76.2 60.6 91.0
77 71.8 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.735 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 45 Resp: 276113
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.7
79 11.1 0.0 30.3

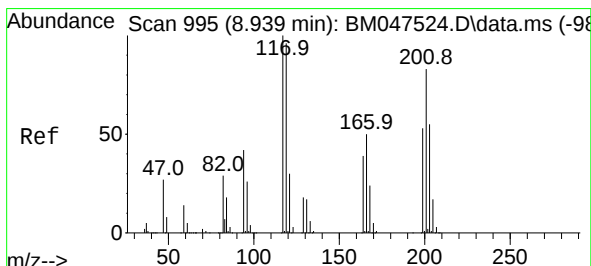
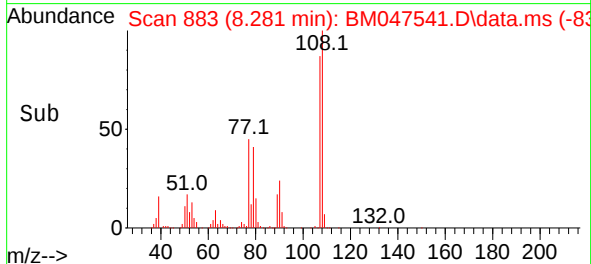
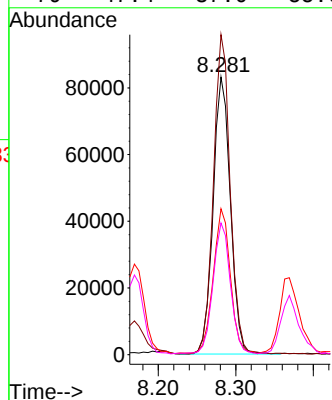
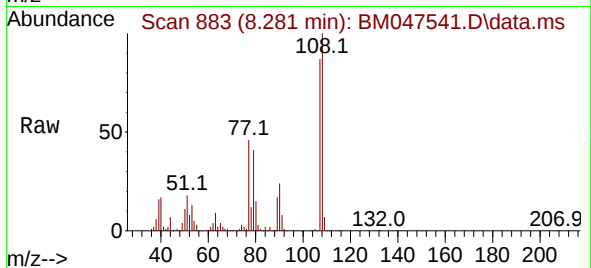




#17
2-Methylphenol
Concen: 4.734 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

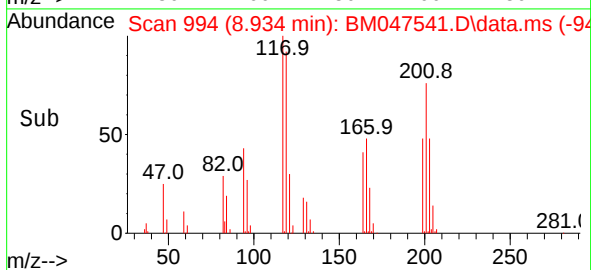
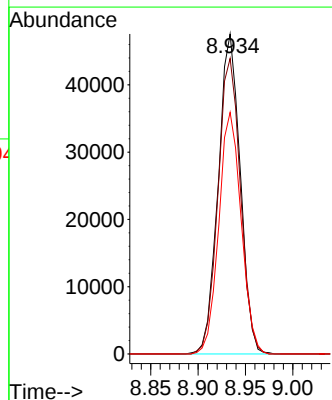
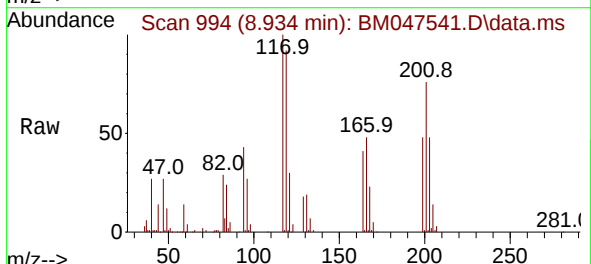
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

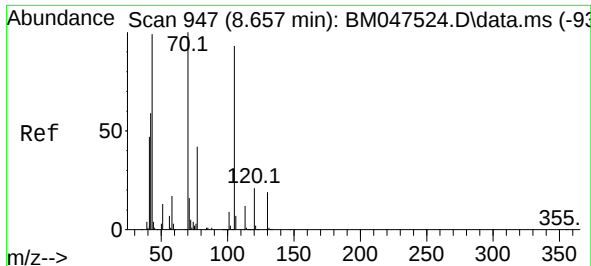
Tgt Ion:	107	Resp:	128942
Ion Ratio	Lower	Upper	
107	100		
108	115.2	88.9	133.3
77	52.6	39.8	59.8
79	47.4	37.0	55.6



#18
Hexachloroethane
Concen: 5.164 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:	117	Resp:	76657
Ion Ratio	Lower	Upper	
117	100		
119	92.3	77.0	115.4
201	75.5	66.8	100.2

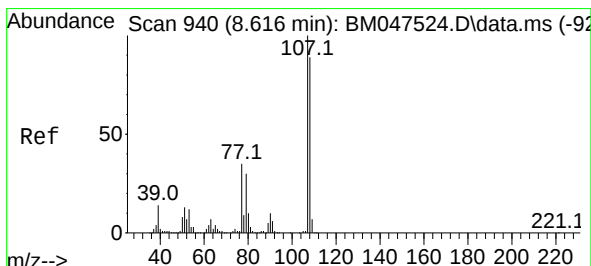
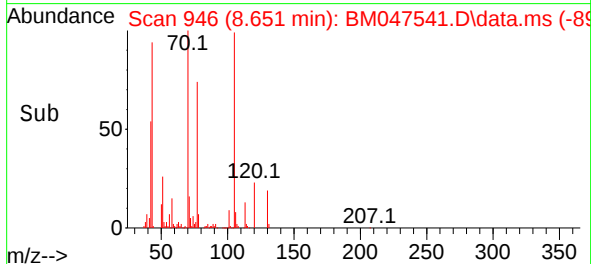
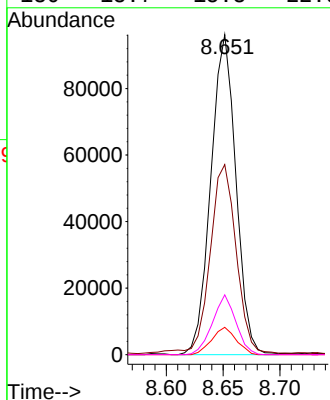
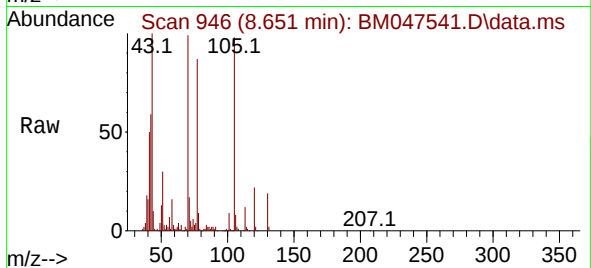




#19
n-Nitroso-di-n-propylamine
Concen: 5.145 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

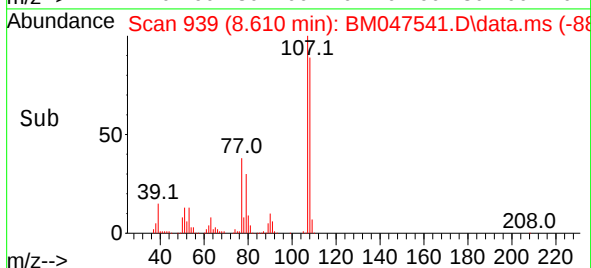
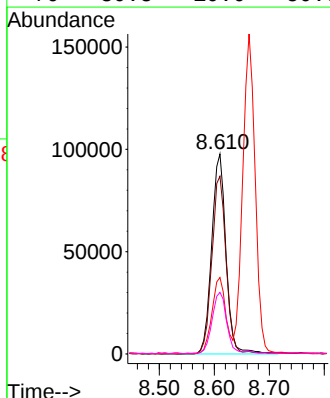
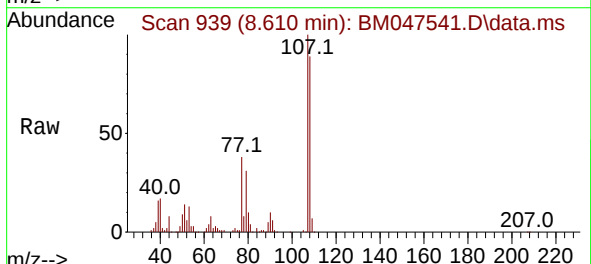
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

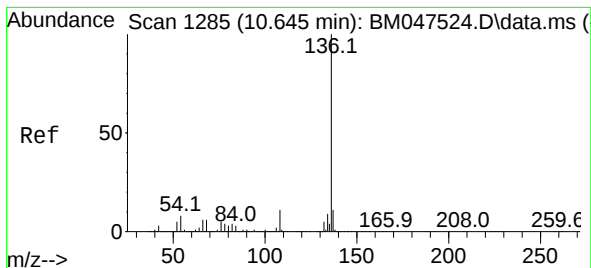
Tgt Ion: 70 Resp: 147692
Ion Ratio Lower Upper
70 100
42 59.4 48.2 72.2
101 8.6 7.0 10.4
130 18.7 15.3 22.9



#20
3+4-Methylphenols
Concen: 4.658 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:107 Resp: 177034
Ion Ratio Lower Upper
107 100
108 88.9 68.9 108.9
77 38.2 15.5 55.5
79 30.8 10.0 50.0

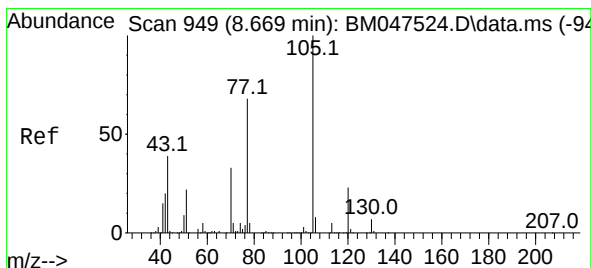
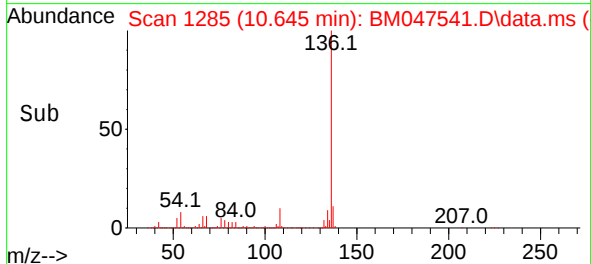
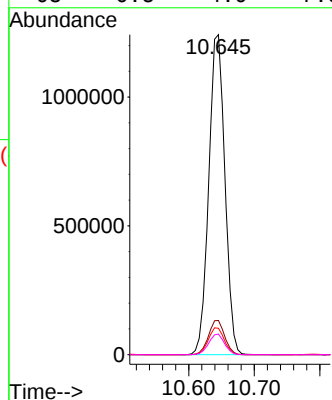
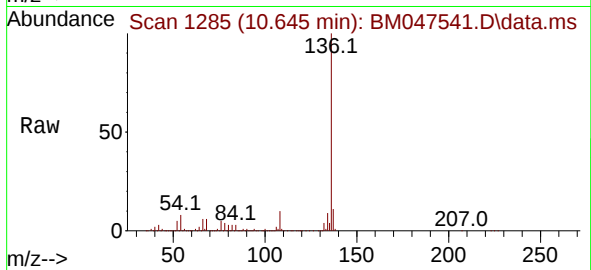




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

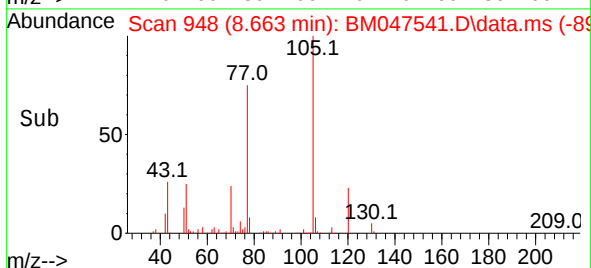
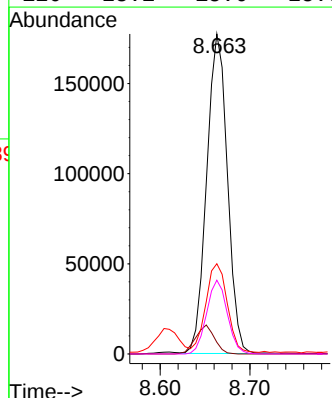
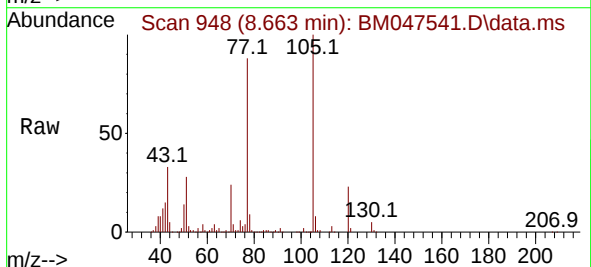
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

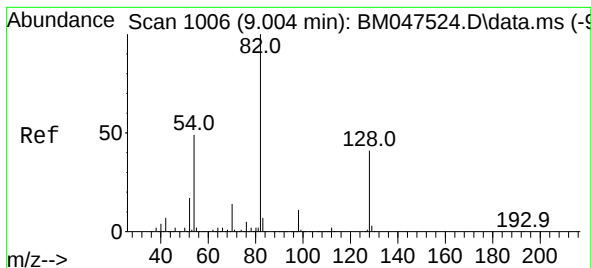
Tgt Ion:136 Resp: 2125731
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.3 6.6 9.8
68 6.5 4.9 7.3



#22
Acetophenone
Concen: 5.083 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:105 Resp: 284054
Ion Ratio Lower Upper
105 100
71 3.7 4.3 6.5#
51 28.2 21.5 32.3
120 23.1 18.6 28.0





#23

Nitrobenzene-d5

Concen: 79.930 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

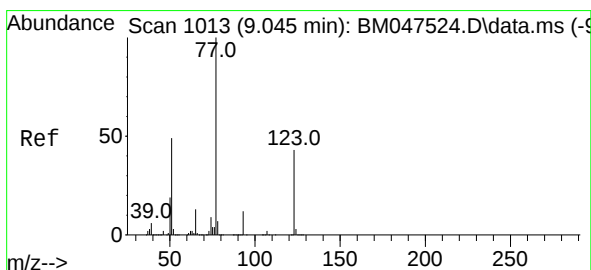
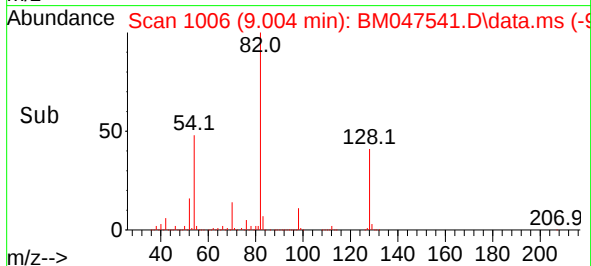
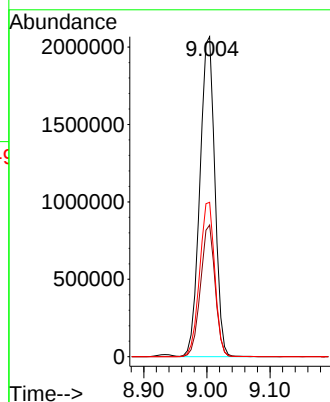
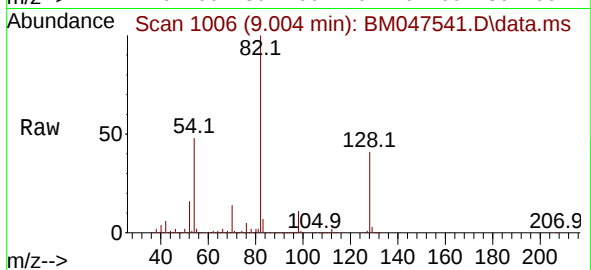
Tgt Ion: 82 Resp: 3395070

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

54 48.2 39.3 58.9



#24

Nitrobenzene

Concen: 5.383 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

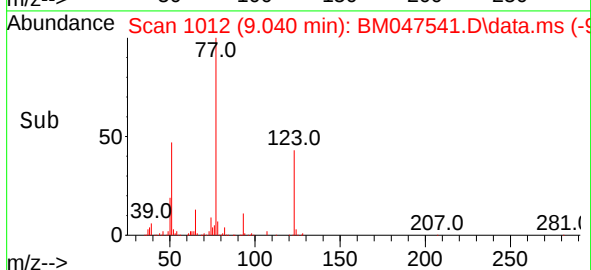
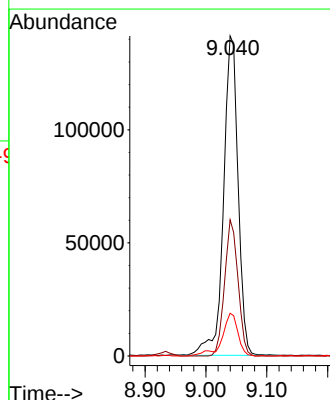
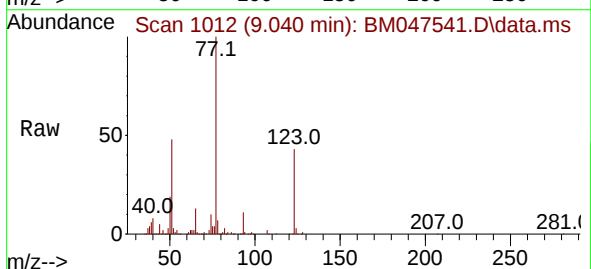
Tgt Ion: 77 Resp: 234935

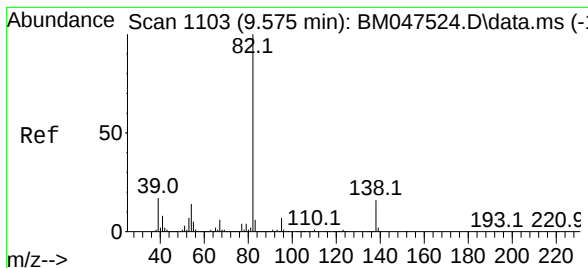
Ion Ratio Lower Upper

77 100

123 42.6 34.5 51.7

65 13.4 10.7 16.1





#25

Isophorone

Concen: 5.251 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

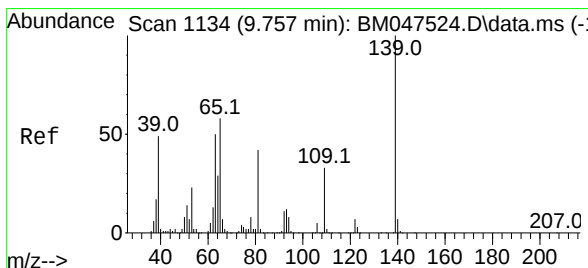
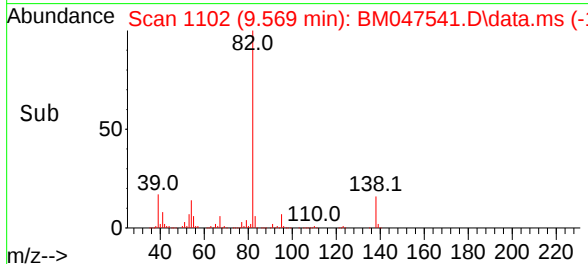
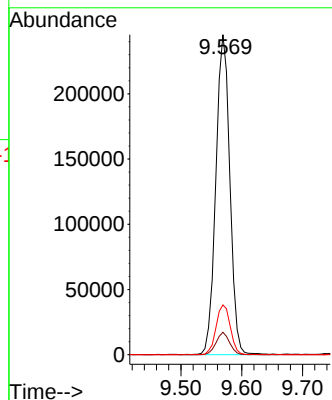
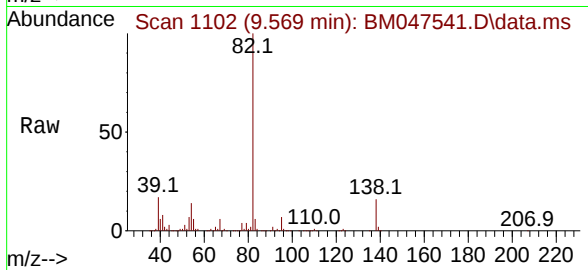
Tgt Ion: 82 Resp: 392131

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 15.6 12.9 19.3



#26

2-Nitrophenol

Concen: 4.137 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

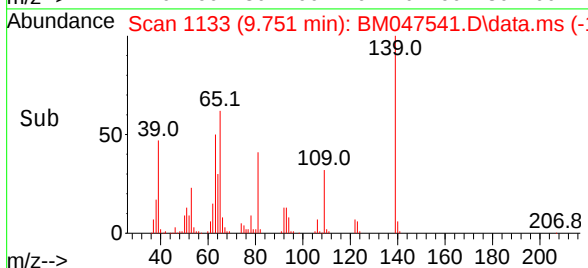
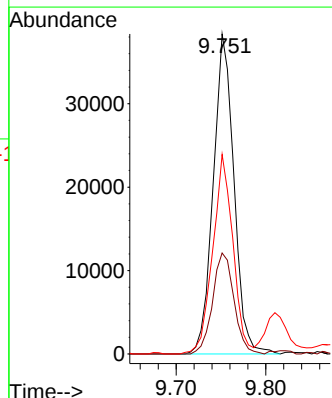
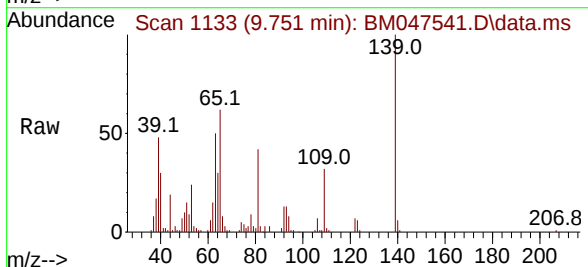
Tgt Ion:139 Resp: 61531

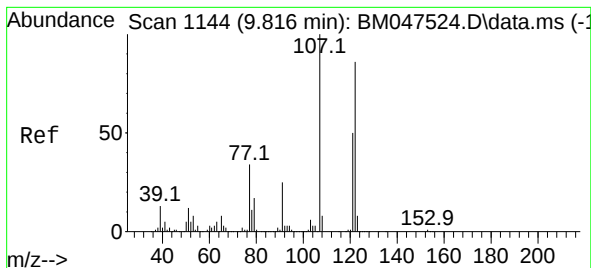
Ion Ratio Lower Upper

139 100

109 31.5 26.0 39.0

65 62.3 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 3.002 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

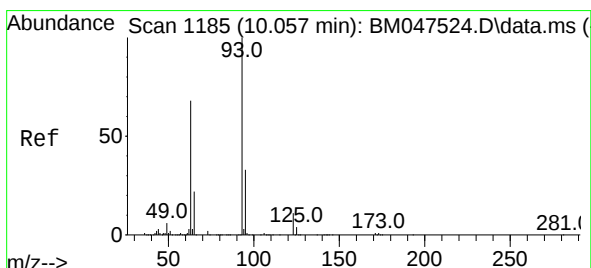
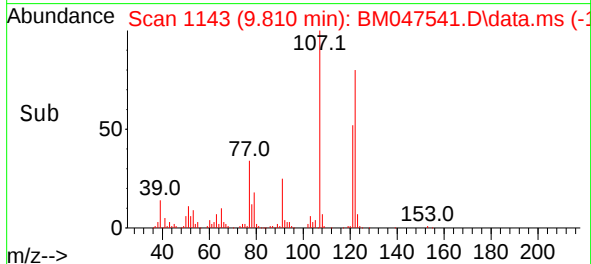
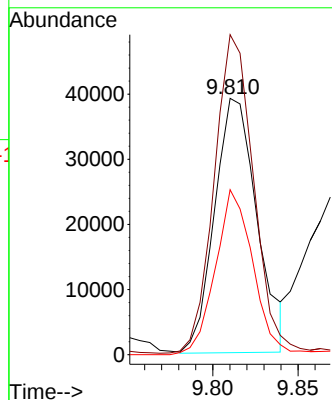
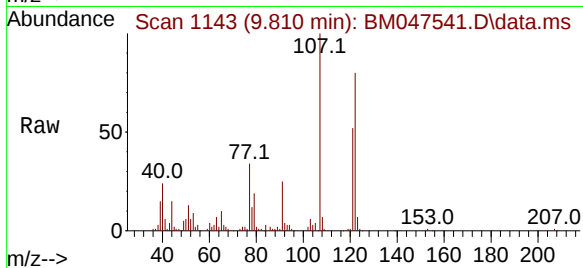
Tgt Ion:122 Resp: 67691

Ion Ratio Lower Upper

122 100

107 124.9 92.4 138.6

121 64.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 5.217 ng

RT: 10.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

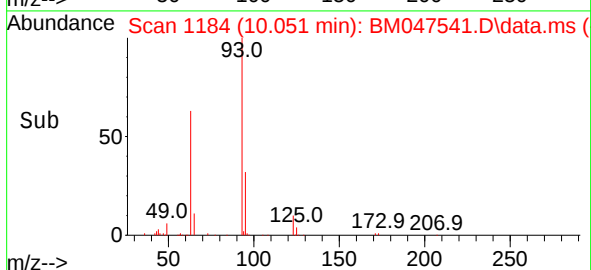
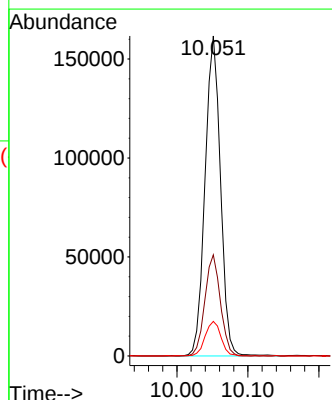
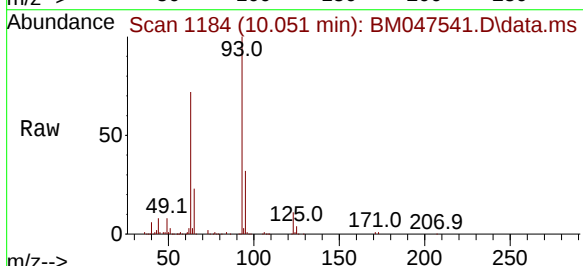
Tgt Ion: 93 Resp: 244722

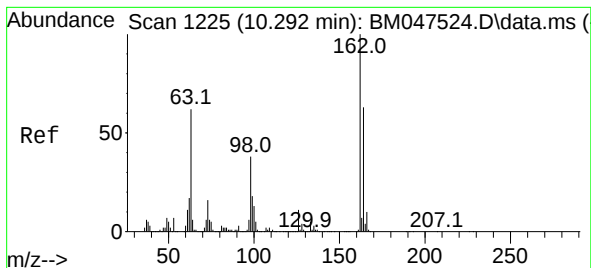
Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.2

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.477 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

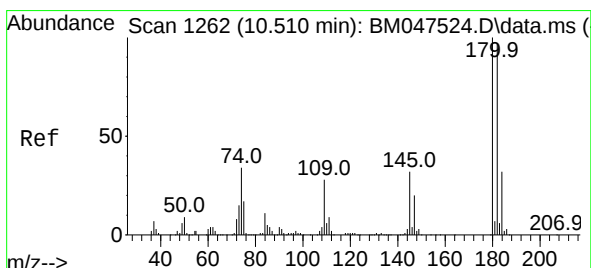
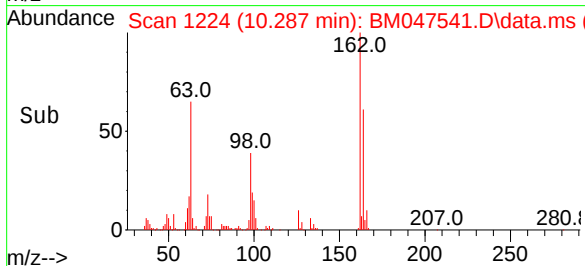
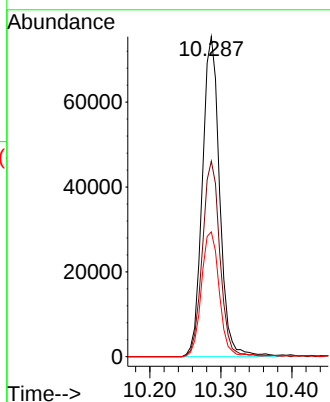
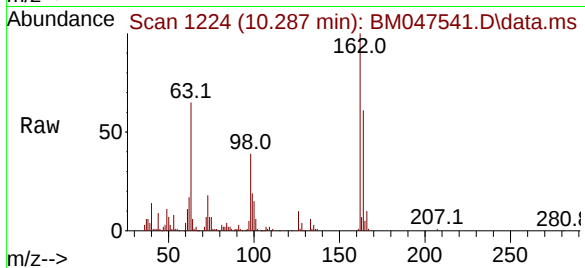
Tgt Ion:162 Resp: 128231

Ion Ratio Lower Upper

162 100

164 61.1 43.5 83.5

98 39.0 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 4.711 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

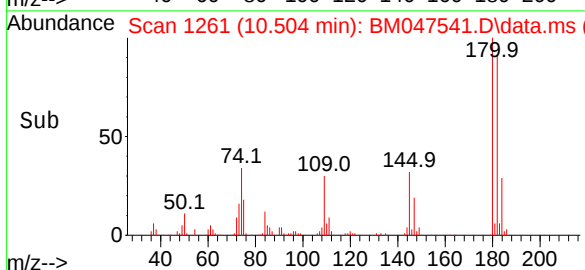
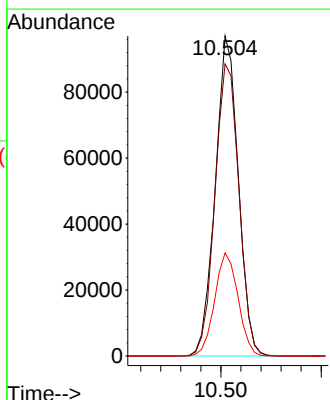
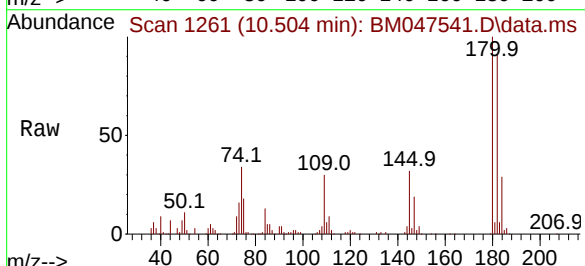
Tgt Ion:180 Resp: 154577

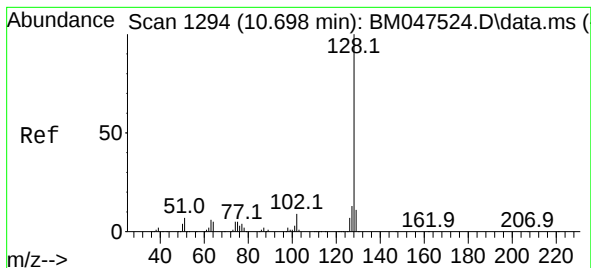
Ion Ratio Lower Upper

180 100

182 91.3 77.6 116.4

145 32.2 25.4 38.0





#31

Naphthalene

Concen: 4.856 ng

RT: 10.692 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

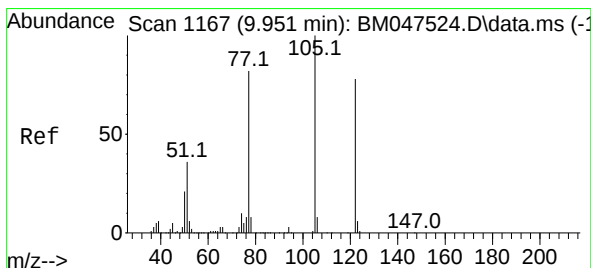
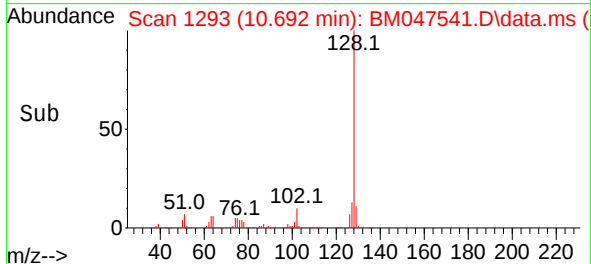
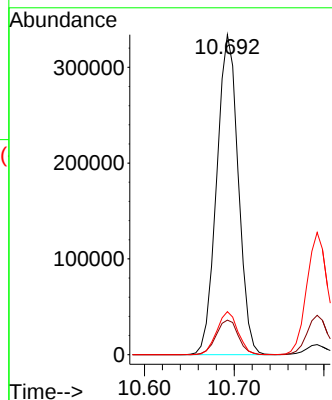
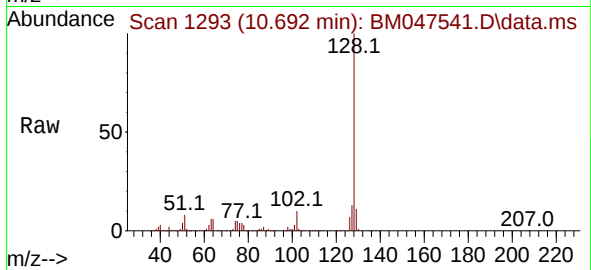
Tgt Ion:128 Resp: 557488

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.5 10.5 15.7



#32

Benzoic acid

Concen: 8.513 ng

RT: 9.869 min Scan# 1153

Delta R.T. -0.082 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

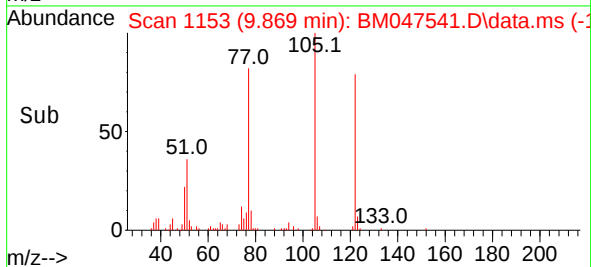
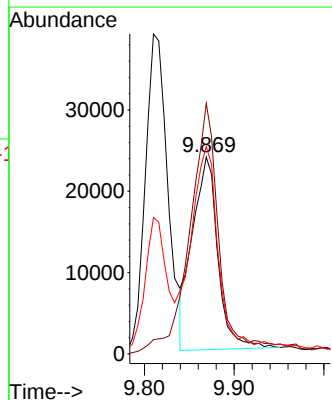
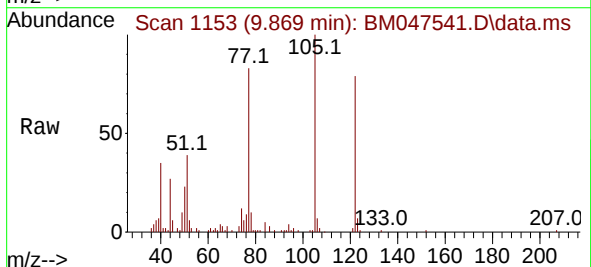
Tgt Ion:122 Resp: 46839

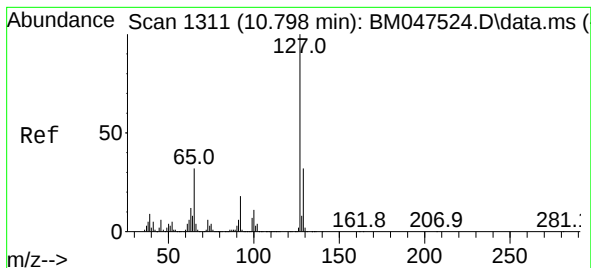
Ion Ratio Lower Upper

122 100

105 127.3 104.7 144.7

77 105.4 83.4 123.4





#33

4-Chloroaniline

Concen: 5.158 ng

RT: 10.792 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:127 Resp: 214114

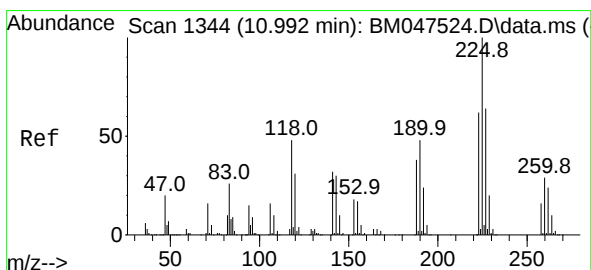
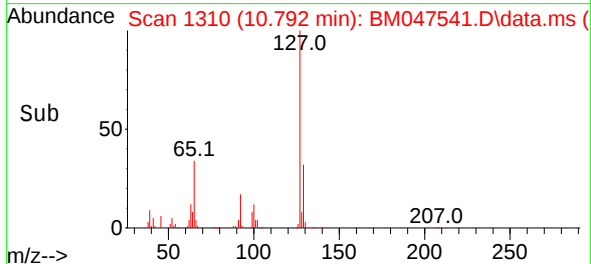
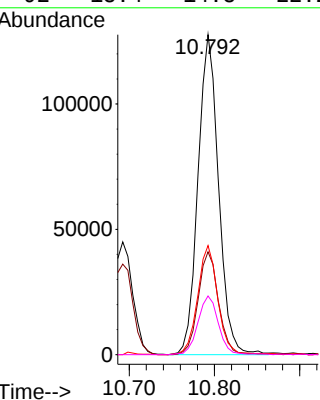
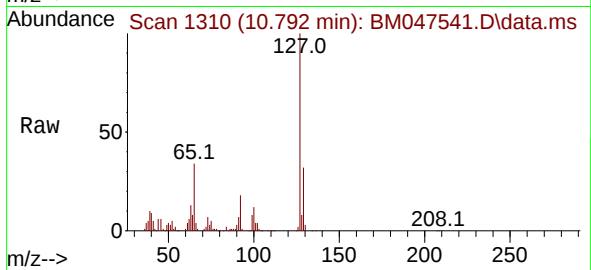
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.0

65 34.1 25.5 38.3

92 18.4 14.8 22.2



#34

Hexachlorobutadiene

Concen: 4.492 ng

RT: 10.986 min Scan# 1343

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

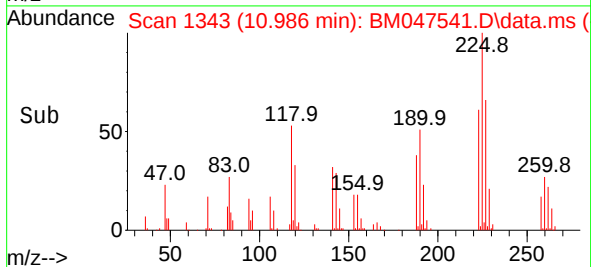
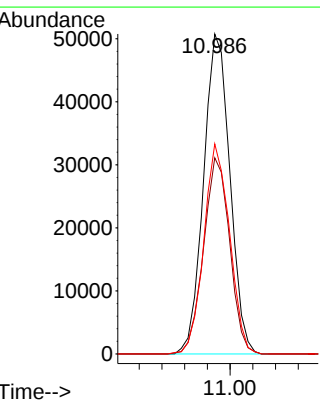
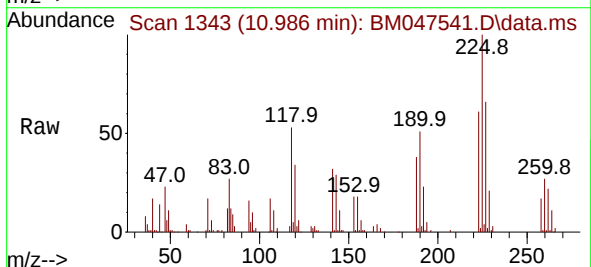
Tgt Ion:225 Resp: 81637

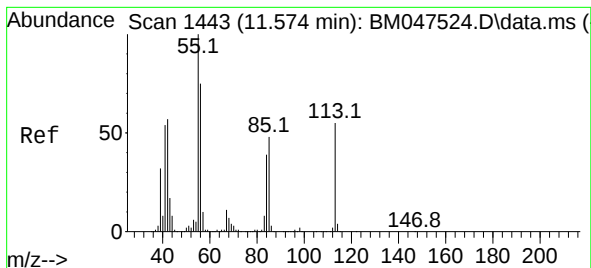
Ion Ratio Lower Upper

225 100

223 61.3 49.8 74.6

227 65.6 51.0 76.4





#35

Caprolactam

Concen: 4.501 ng

RT: 11.551 min Scan# 1443

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

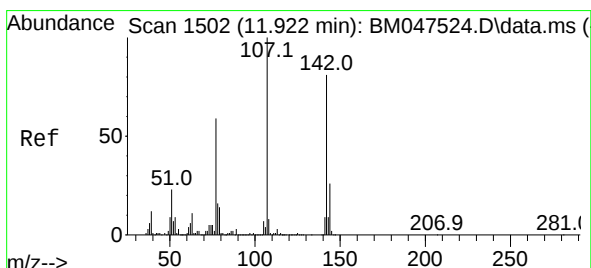
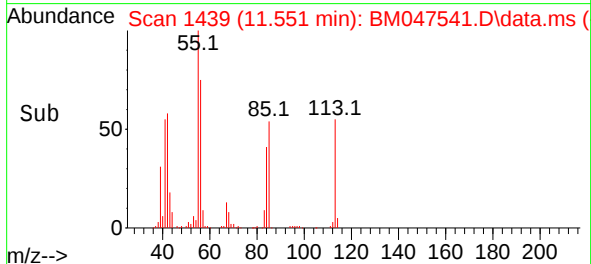
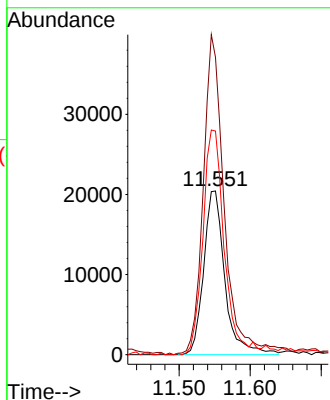
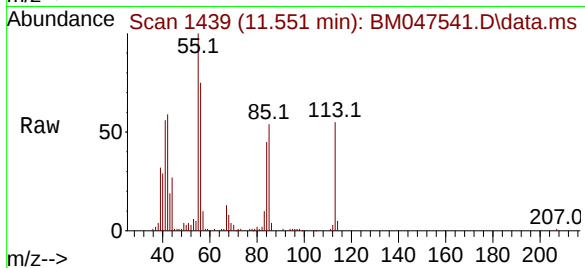
Tgt Ion:113 Resp: 42469

Ion Ratio Lower Upper

113 100

55 181.8 162.5 202.5

56 136.7 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 4.567 ng

RT: 11.916 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

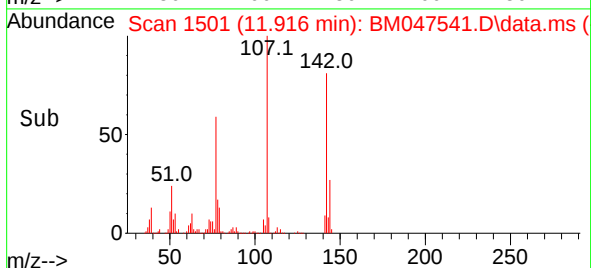
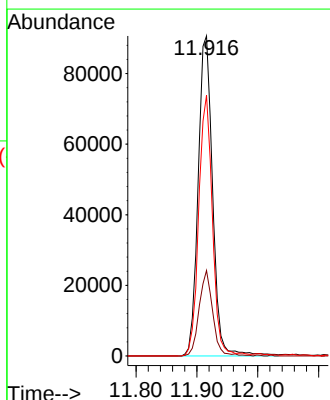
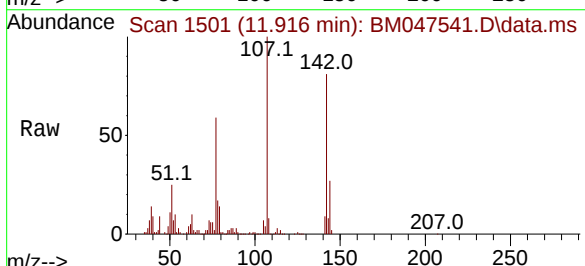
Tgt Ion:107 Resp: 149931

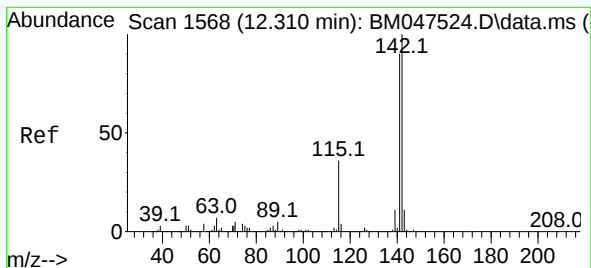
Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

142 81.4 65.0 97.4





#37

2-Methylnaphthalene

Concen: 4.644 ng

RT: 12.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

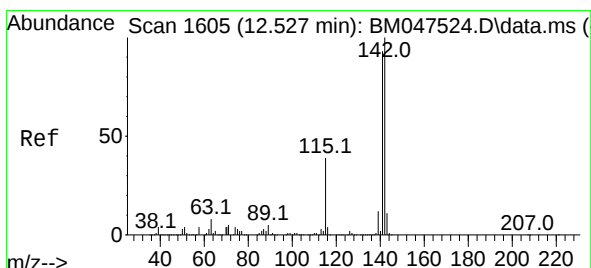
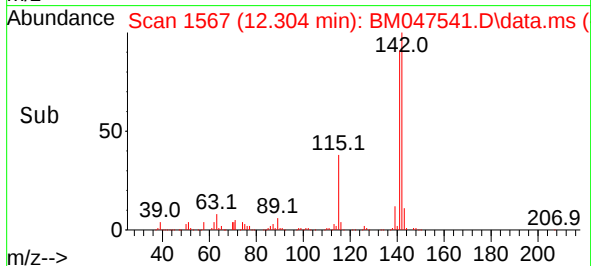
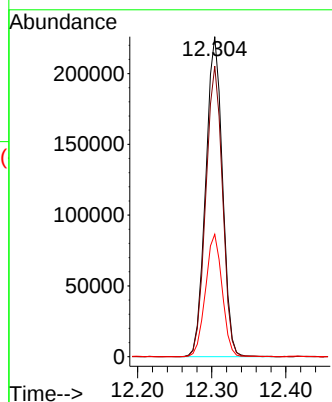
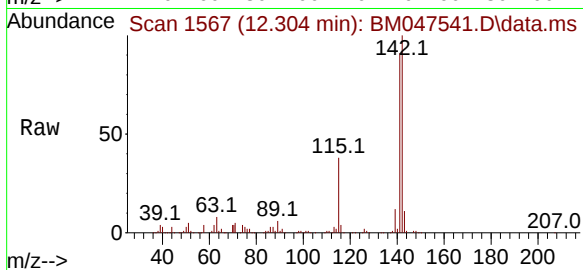
Tgt Ion:142 Resp: 354871

Ion Ratio Lower Upper

142 100

141 90.8 72.2 108.4

115 38.3 29.1 43.7



#38

1-Methylnaphthalene

Concen: 4.441 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

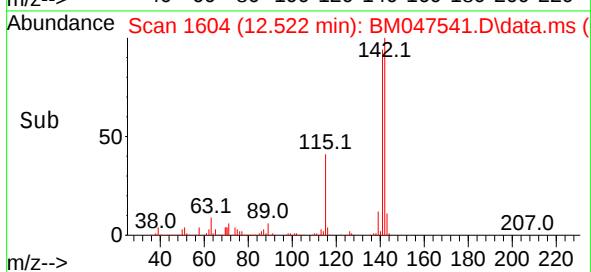
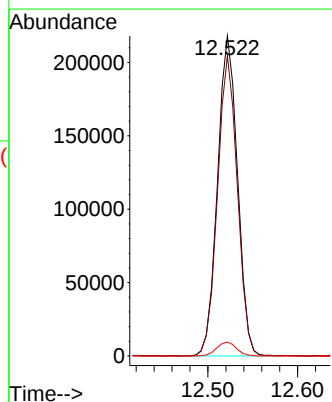
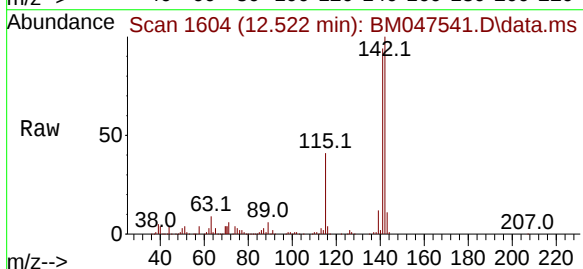
Tgt Ion:142 Resp: 337205

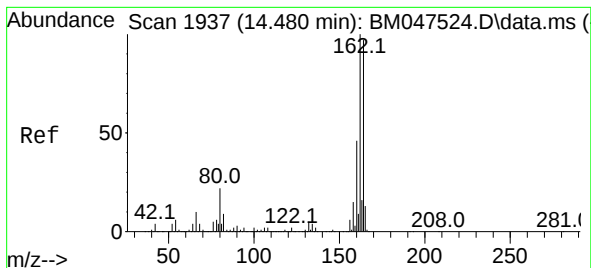
Ion Ratio Lower Upper

142 100

141 93.8 74.7 112.1

116 4.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

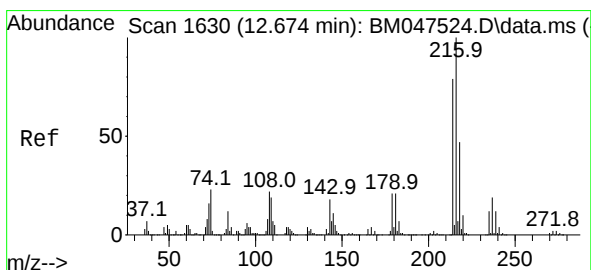
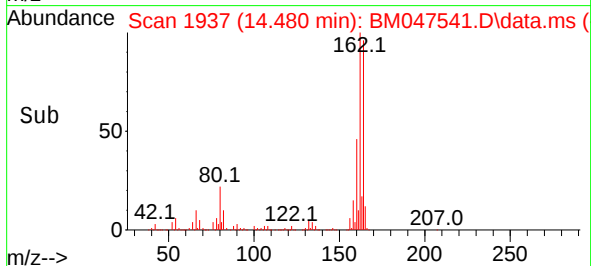
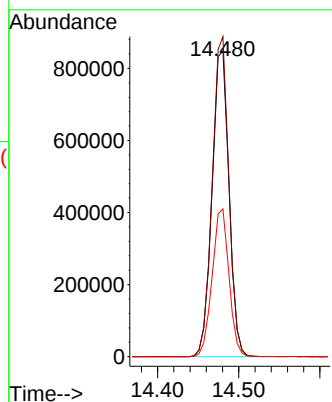
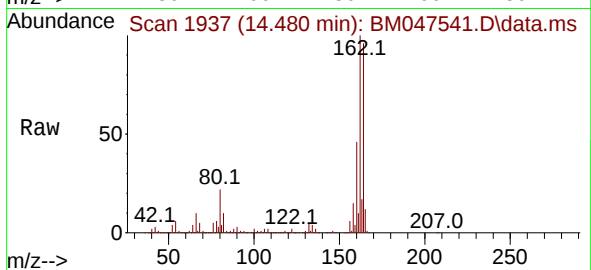
Tgt Ion:164 Resp: 1225848

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 48.4 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.765 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:216 Resp: 158052

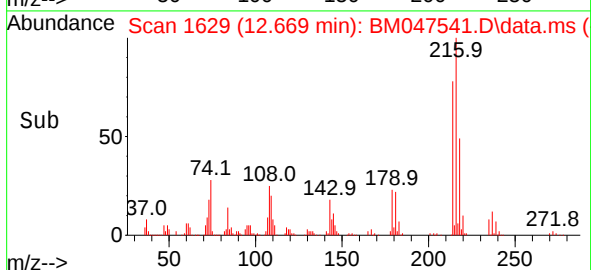
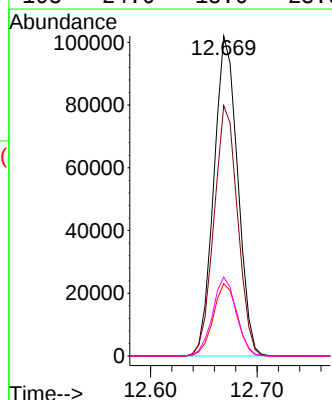
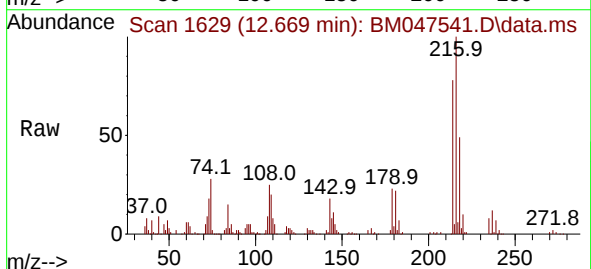
Ion Ratio Lower Upper

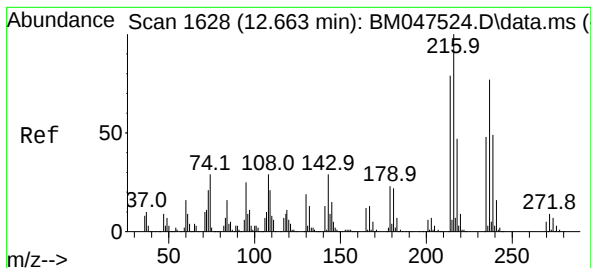
216 100

214 77.7 63.0 94.6

179 22.7 17.5 26.3

108 24.6 18.6 28.0





#41

Hexachlorocyclopentadiene

Concen: 2.719 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

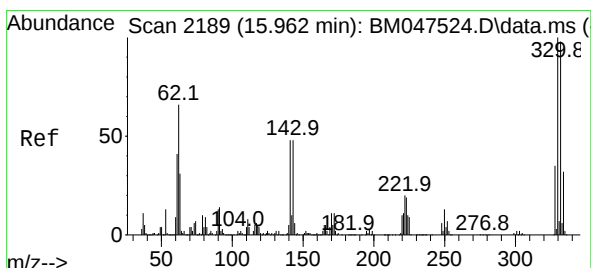
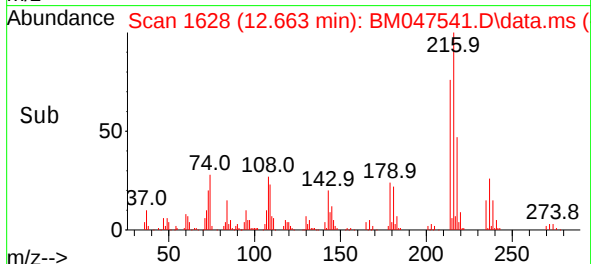
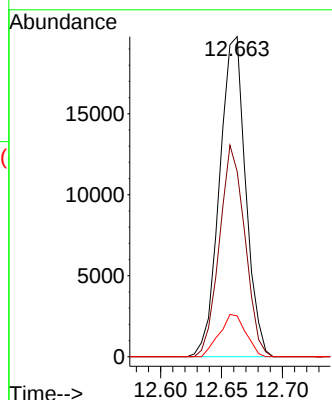
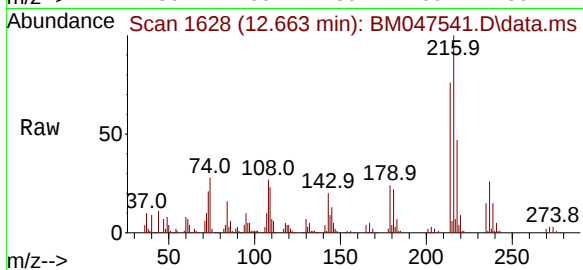
Tgt Ion:237 Resp: 29486

Ion Ratio Lower Upper

237 100

235 57.9 42.0 82.0

272 12.8 0.0 31.5



#42

2,4,6-Tribromophenol

Concen: 108.848 ng

RT: 15.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

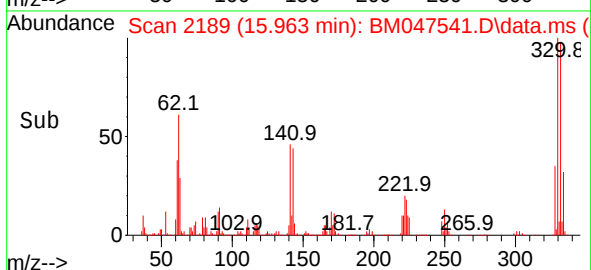
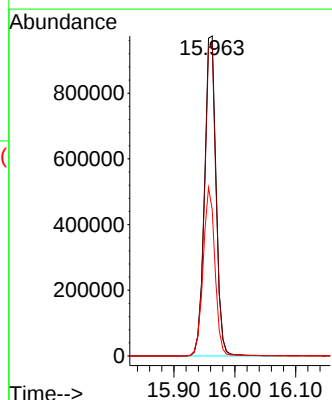
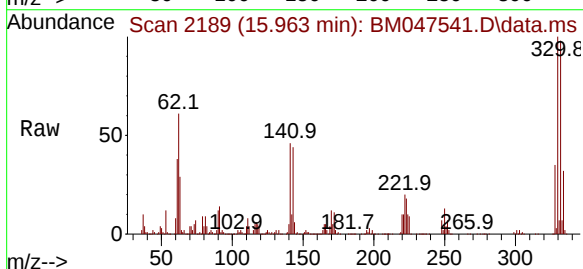
Tgt Ion:330 Resp: 1289725

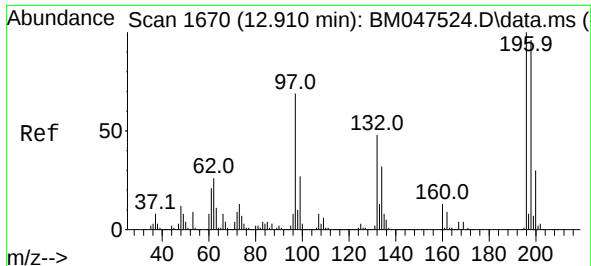
Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 53.7 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 4.237 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

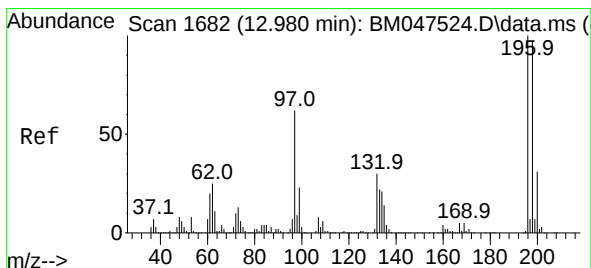
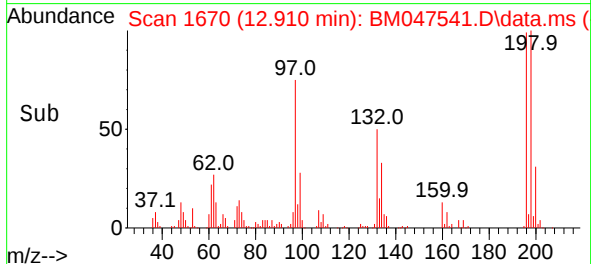
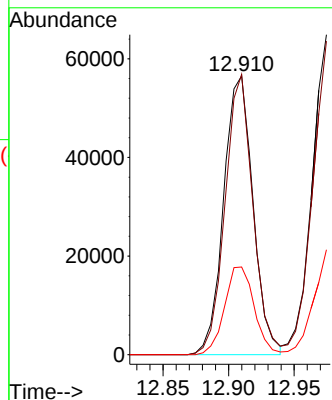
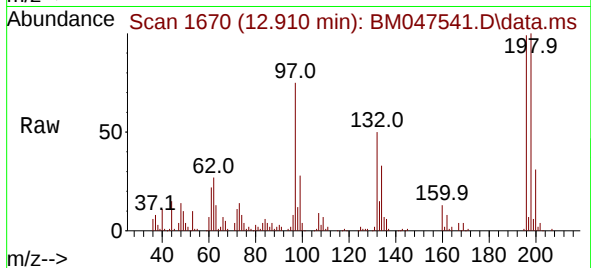
Tgt Ion:196 Resp: 88047

Ion Ratio Lower Upper

196 100

198 100.6 76.9 115.3

200 31.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 4.182 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:196 Resp: 98157

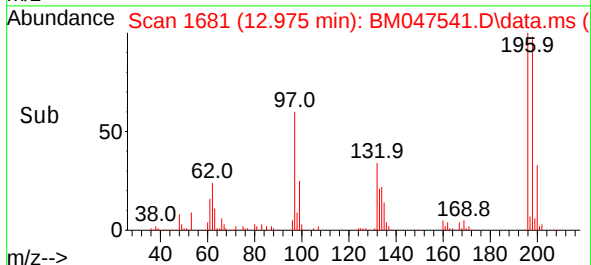
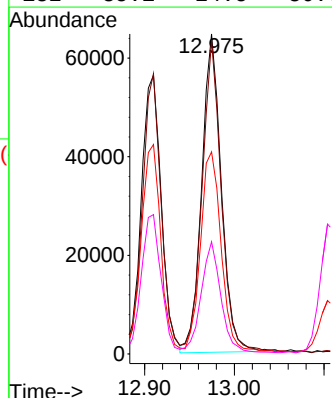
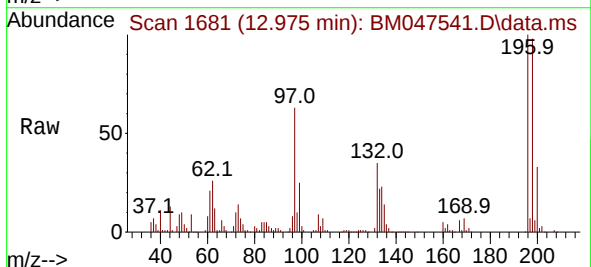
Ion Ratio Lower Upper

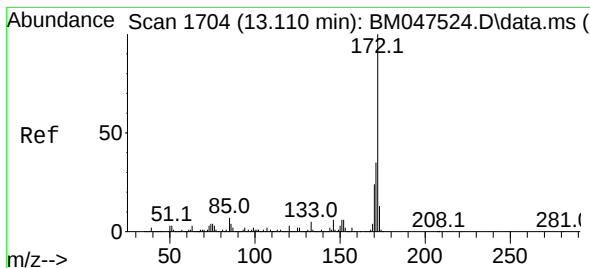
196 100

198 98.0 77.4 116.2

97 63.1 49.8 74.8

132 35.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 80.877 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

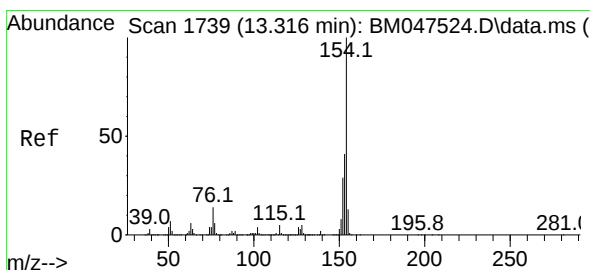
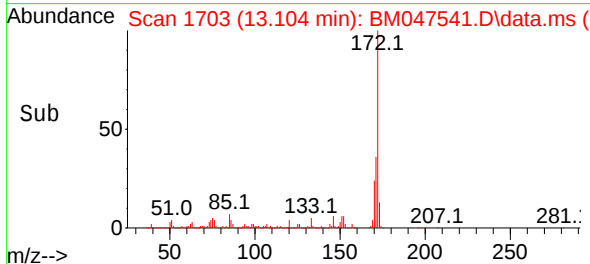
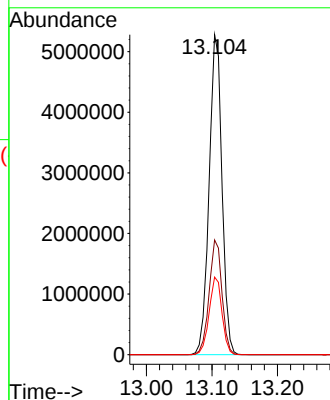
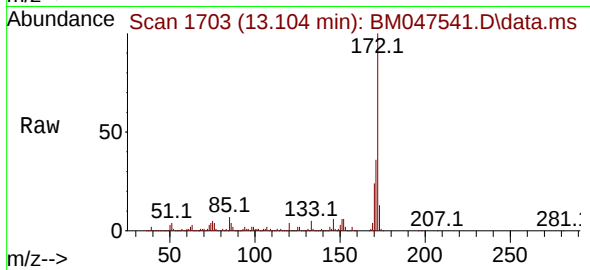
Tgt Ion:172 Resp: 7197212

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 4.969 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

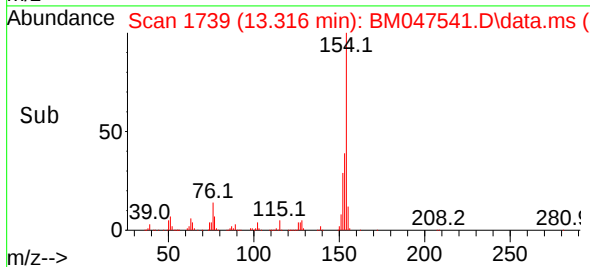
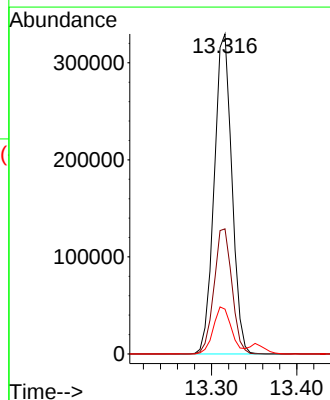
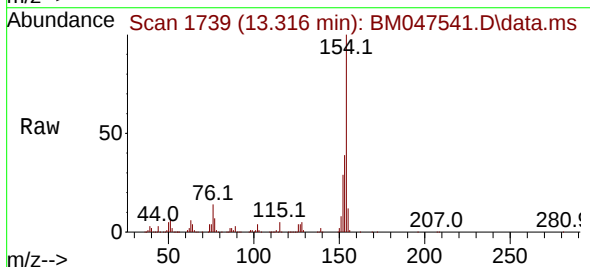
Tgt Ion:154 Resp: 473913

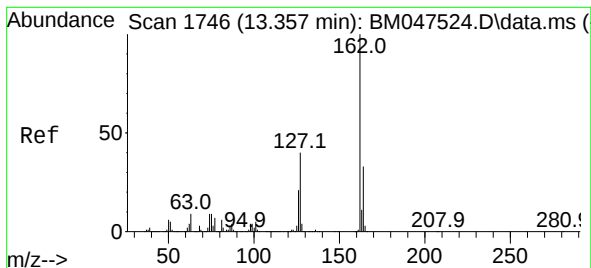
Ion Ratio Lower Upper

154 100

153 39.1 20.6 60.6

76 14.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 4.698 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047541.D

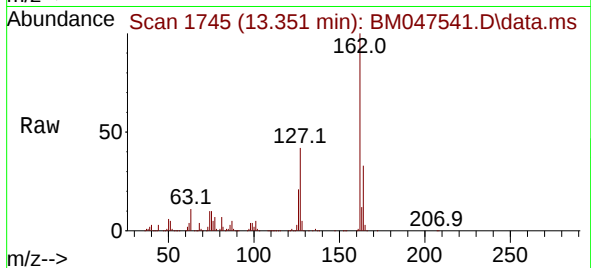
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



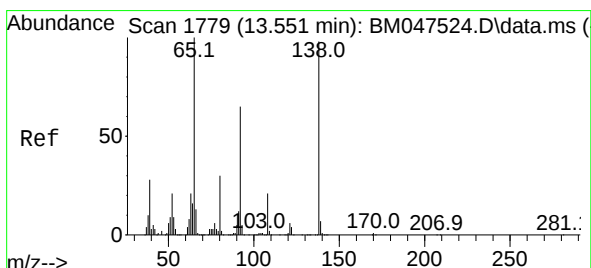
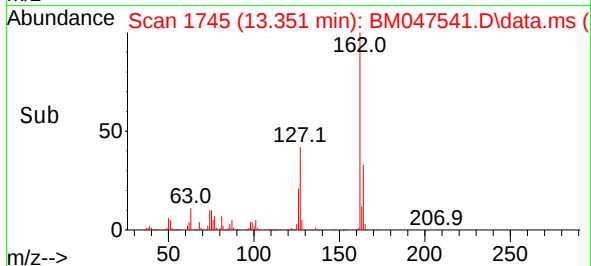
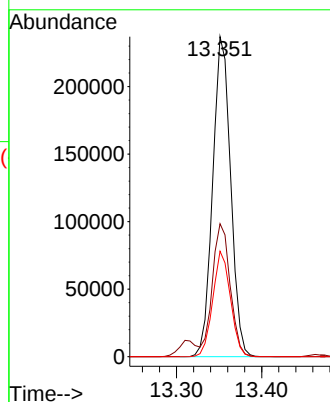
Tgt Ion:162 Resp: 347910

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.4

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 4.385 ng

RT: 13.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

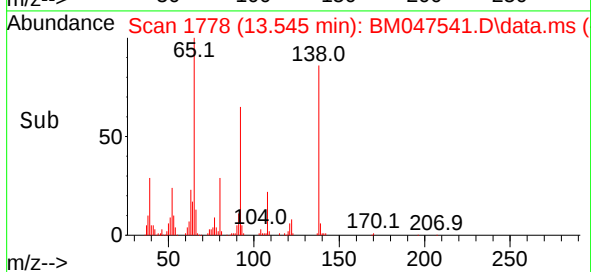
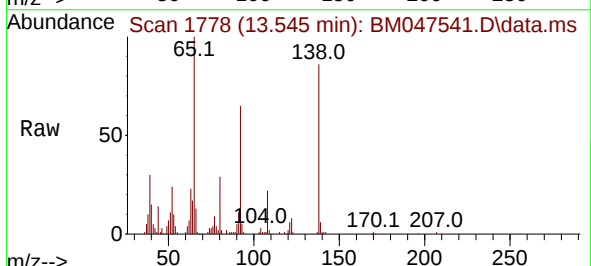
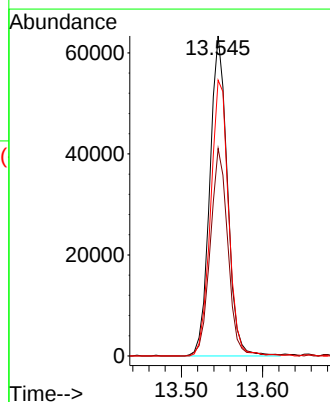
Tgt Ion: 65 Resp: 95375

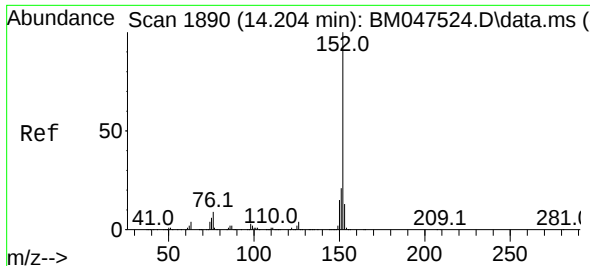
Ion Ratio Lower Upper

65 100

92 64.8 51.9 77.9

138 86.2 78.5 117.7

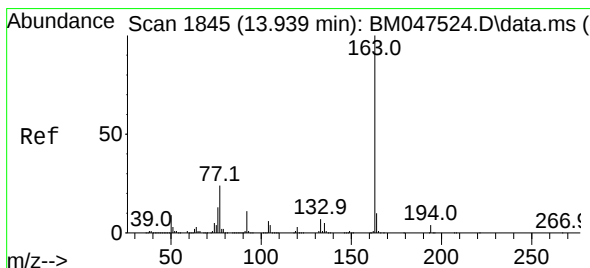
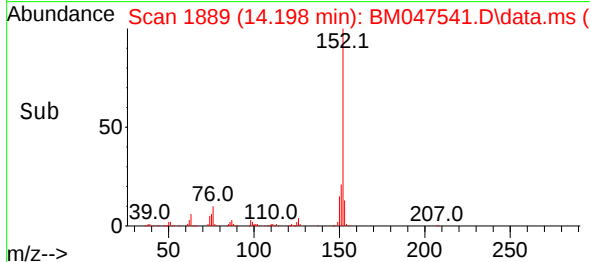
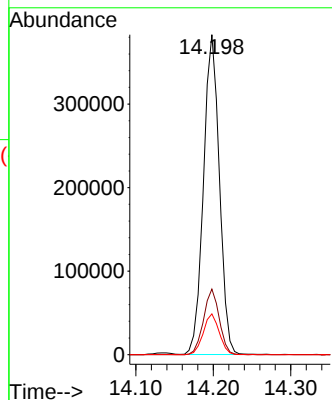
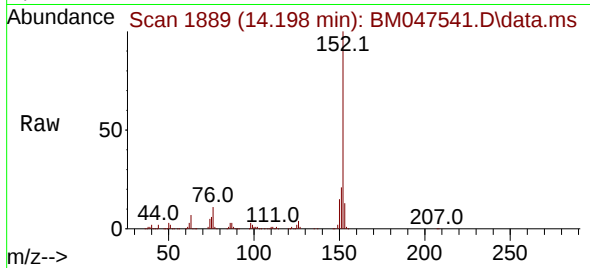




#49
Acenaphthylene
Concen: 5.110 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

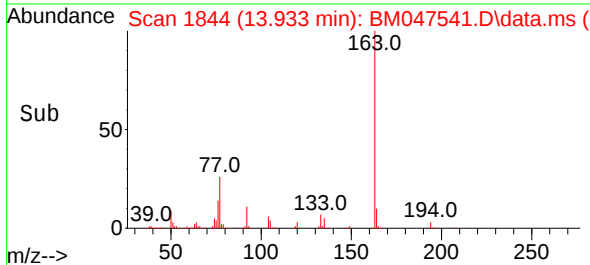
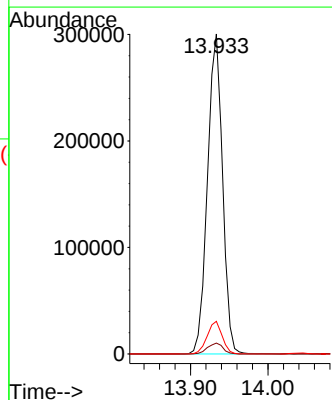
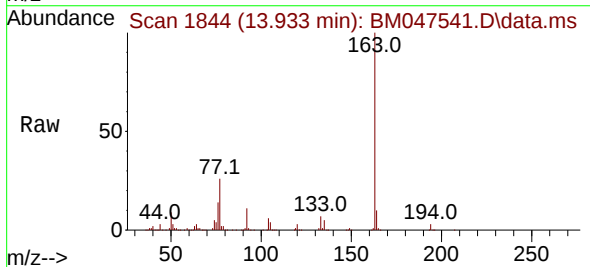
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

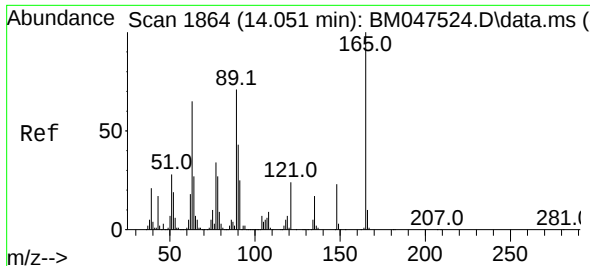
Tgt Ion:152 Resp: 546112
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 4.845 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:163 Resp: 404780
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 4.228 ng

RT: 14.039 min Scan# 1862

Delta R.T. -0.012 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

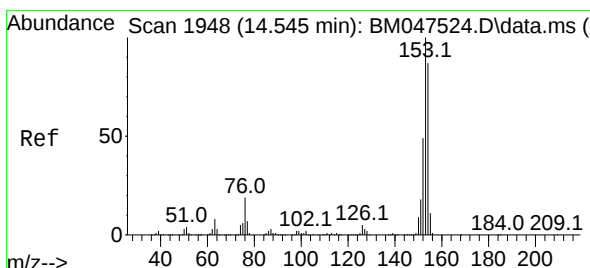
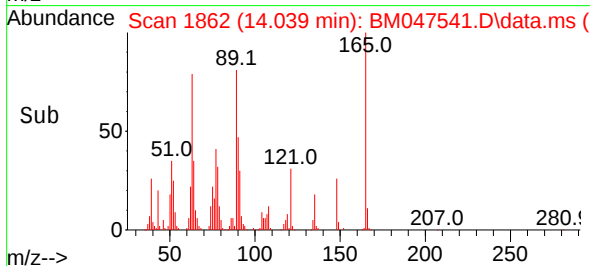
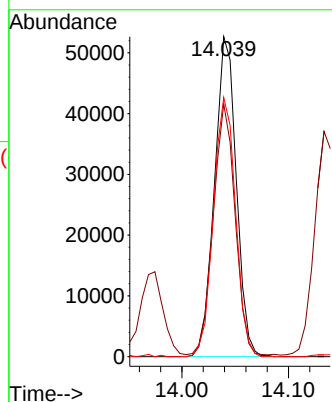
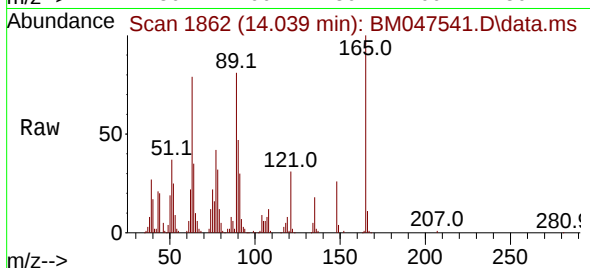
Tgt Ion:165 Resp: 74566

Ion Ratio Lower Upper

165 100

63 79.0 54.2 81.2

89 81.0 56.4 84.6



#52

Acenaphthene

Concen: 4.540 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

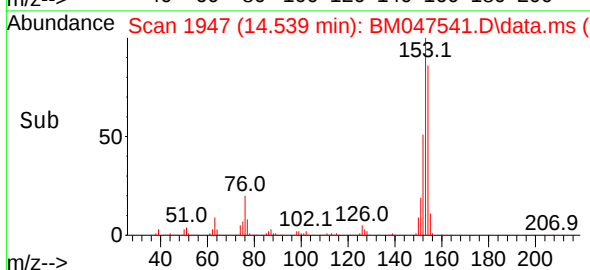
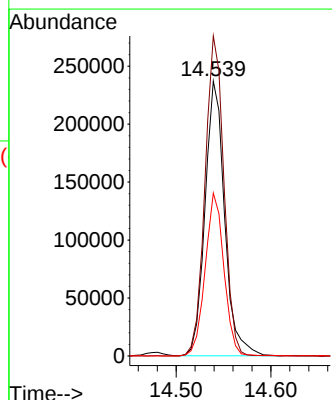
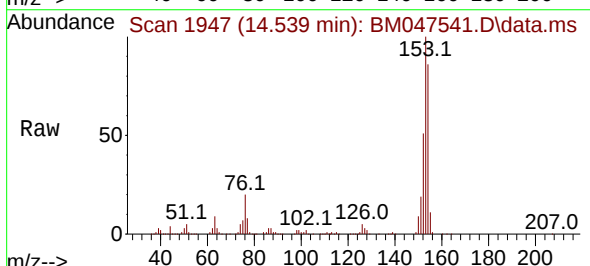
Tgt Ion:154 Resp: 339963

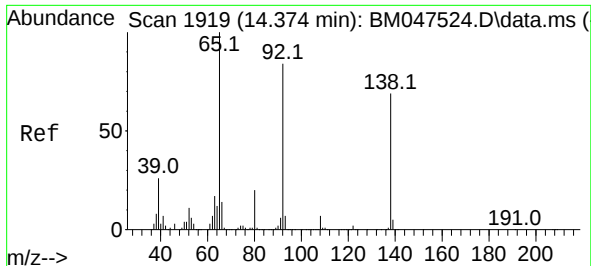
Ion Ratio Lower Upper

154 100

153 116.4 92.2 138.2

152 59.2 45.4 68.0

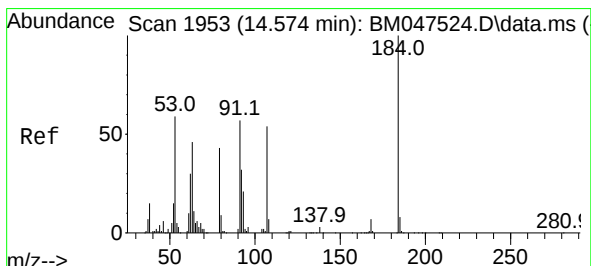
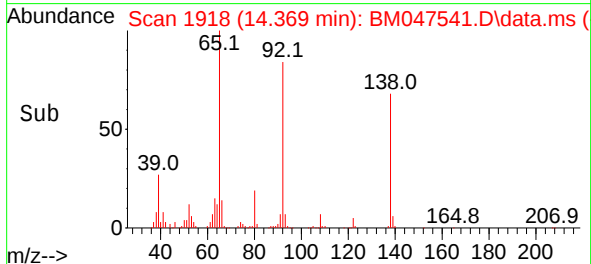
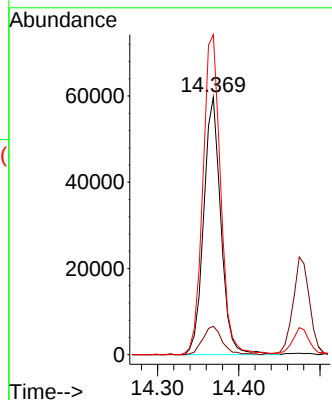
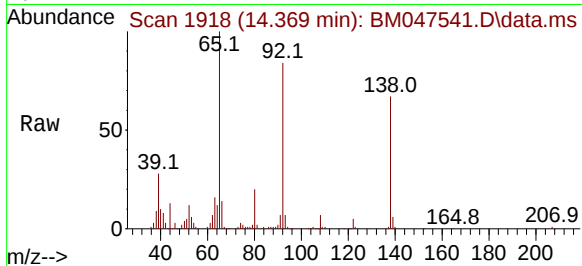




#53
3-Nitroaniline
Concen: 4.473 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

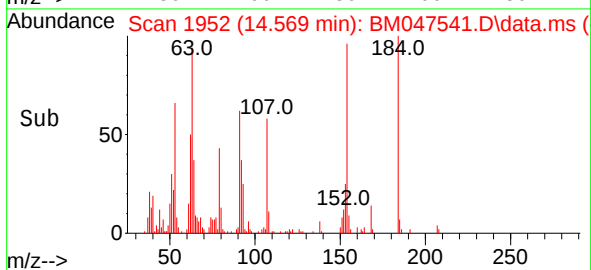
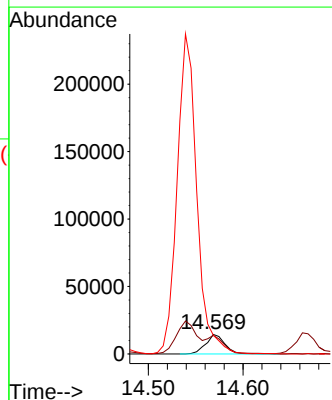
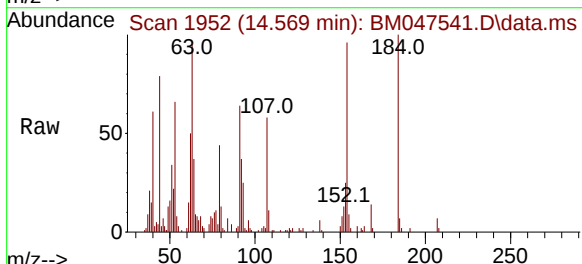
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

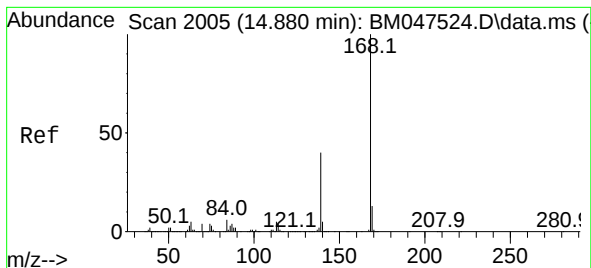
Tgt Ion:138 Resp: 87700
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 124.3 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 5.666 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:184 Resp: 20181
Ion Ratio Lower Upper
184 100
63 95.0 69.4 104.0
154 95.8 60.4 90.6#





#55

Dibenzenofuran

Concen: 4.878 ng

RT: 14.874 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

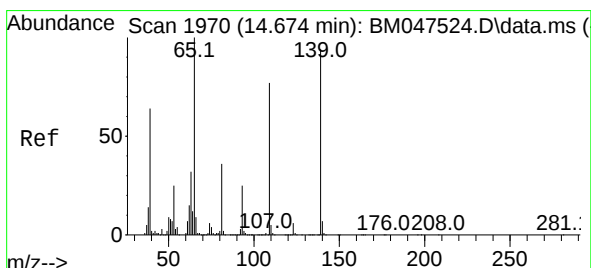
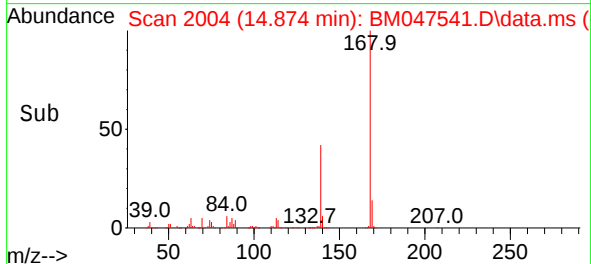
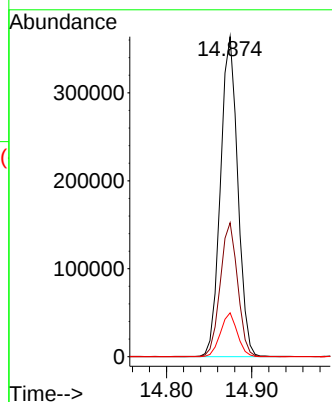
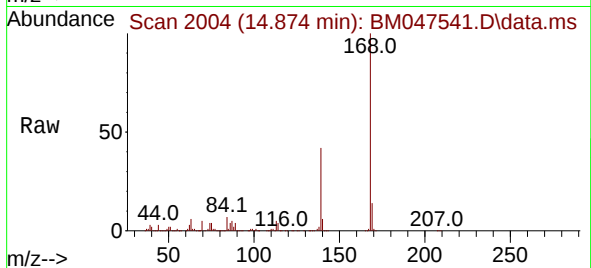
Tgt Ion:168 Resp: 513264

Ion Ratio Lower Upper

168 100

139 41.9 31.9 47.9

169 13.7 10.5 15.7



#56

4-Nitrophenol

Concen: 4.087 ng

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

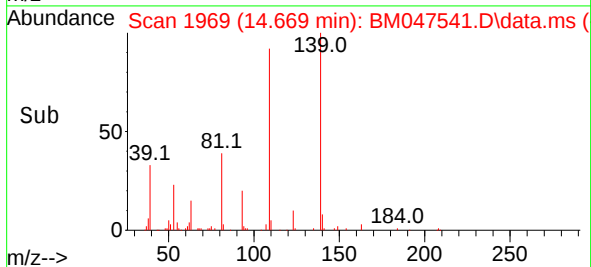
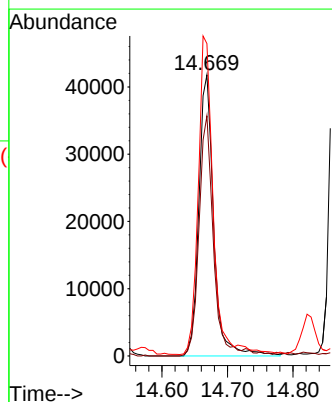
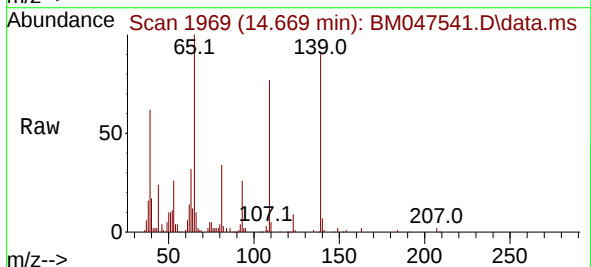
Tgt Ion:139 Resp: 65931

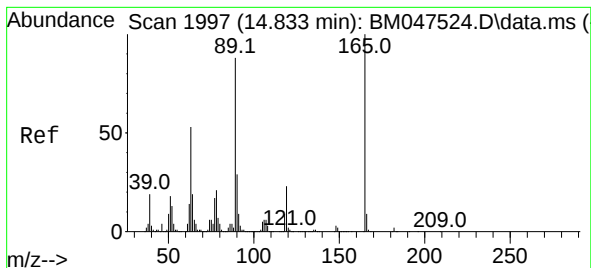
Ion Ratio Lower Upper

139 100

109 85.4 62.0 102.0

65 111.1 87.0 127.0





#57

2,4-Dinitrotoluene

Concen: 4.016 ng

RT: 14.827 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BM047541.D

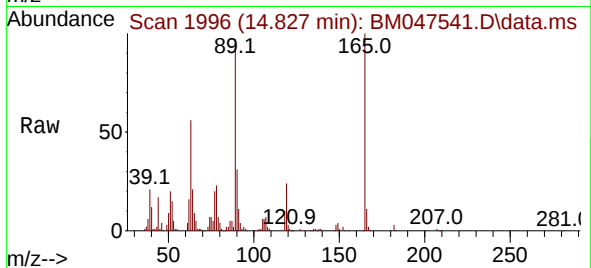
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 94482

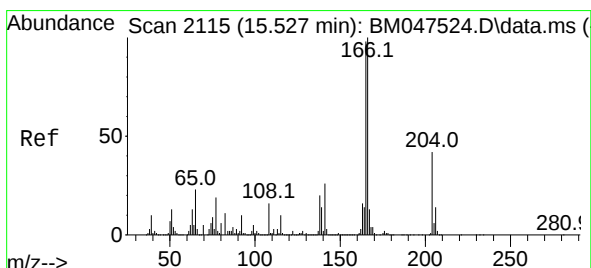
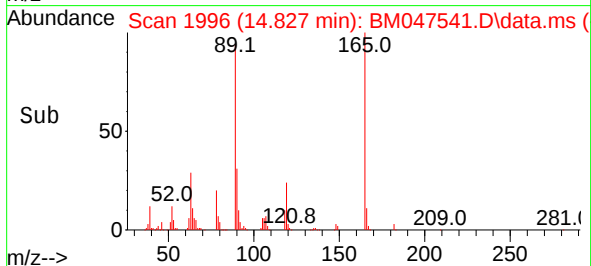
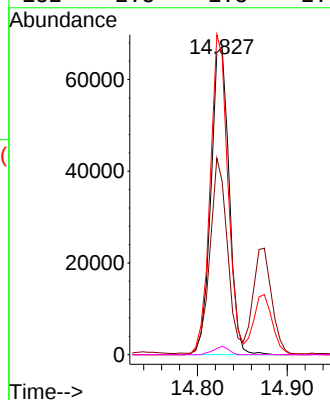
Ion Ratio Lower Upper

165 100

63 56.5 42.4 63.6

89 97.2 70.5 105.7

182 2.8 1.8 2.6#



#58

Fluorene

Concen: 4.408 ng

RT: 15.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

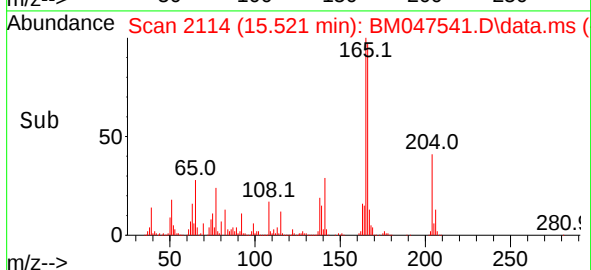
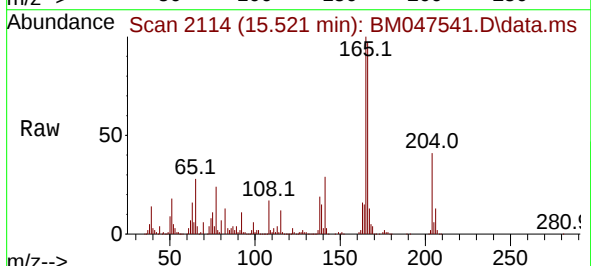
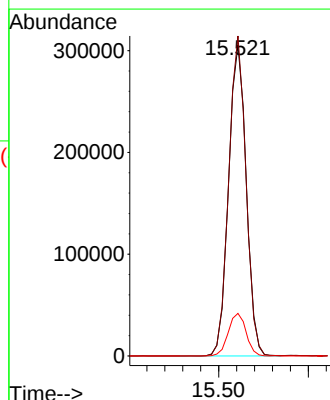
Tgt Ion:166 Resp: 417627

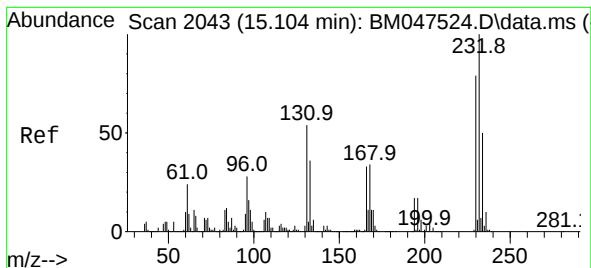
Ion Ratio Lower Upper

166 100

165 102.9 78.6 117.8

167 13.7 10.7 16.1

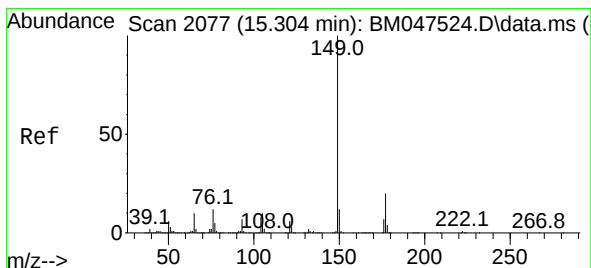
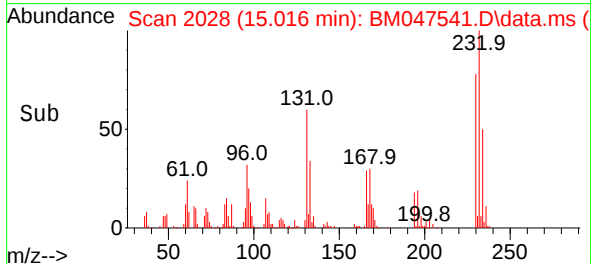
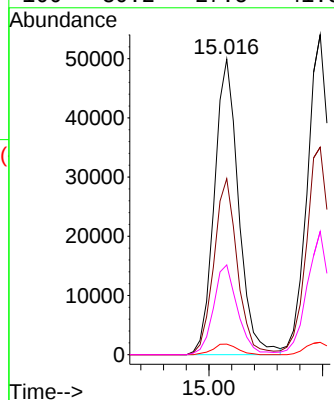
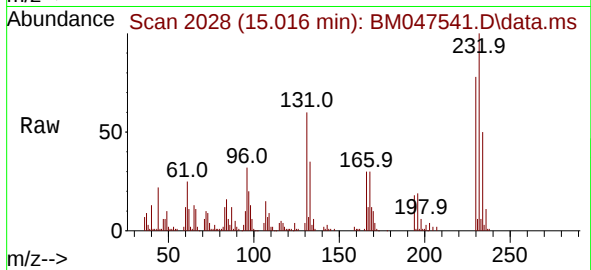




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.043 ng
RT: 15.016 min Scan# 2043
Delta R.T. -0.088 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

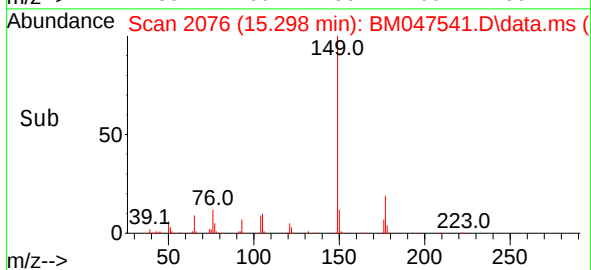
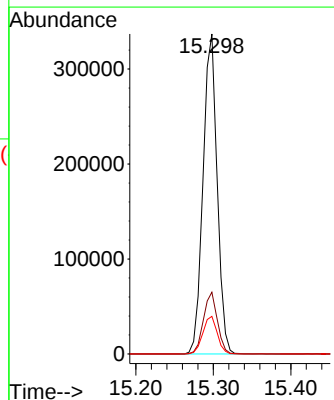
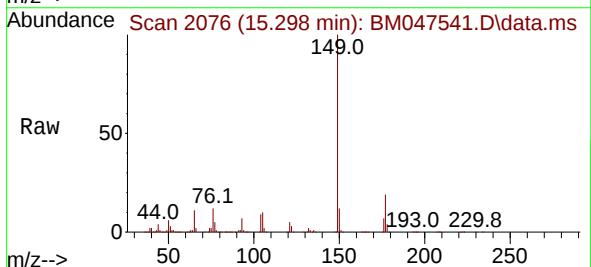
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

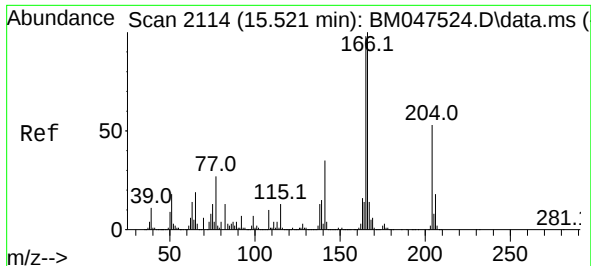
Tgt Ion:	232	Resp:	73996
Ion Ratio	Lower	Upper	
232	100		
131	57.6	47.0	70.4
130	3.7	2.6	3.8
166	30.2	27.5	41.3



#60
Diethylphthalate
Concen: 4.790 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:	149	Resp:	425964
Ion Ratio	Lower	Upper	
149	100		
177	19.3	15.8	23.8
150	11.7	9.7	14.5

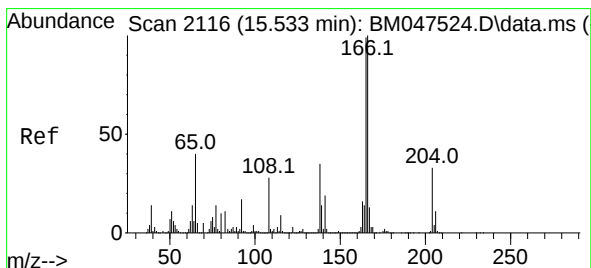
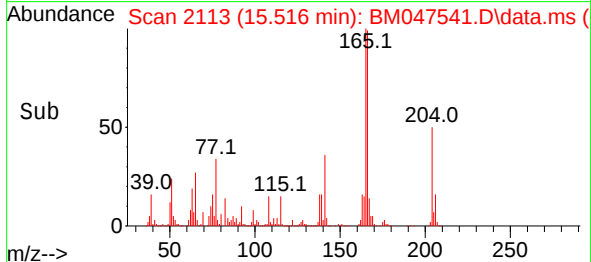
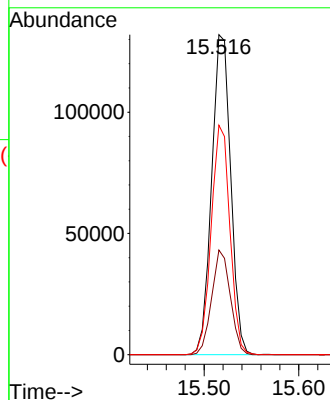
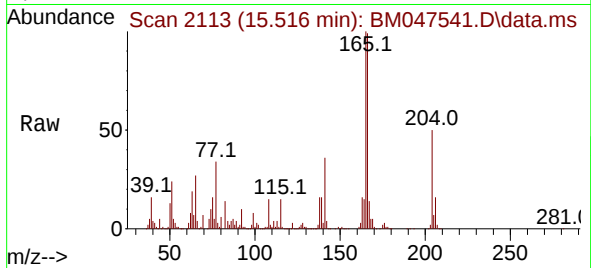




#61
4-Chlorophenyl-phenylether
Concen: 4.262 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

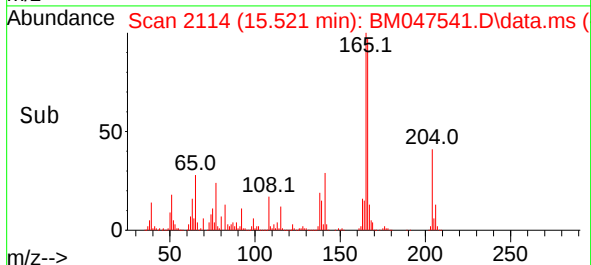
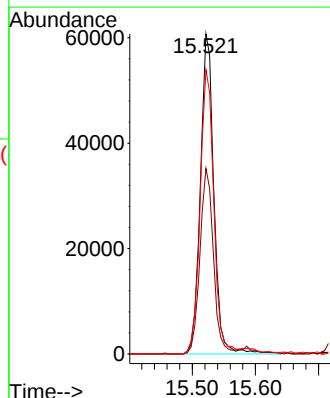
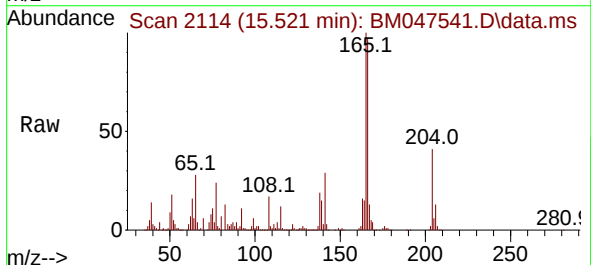
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

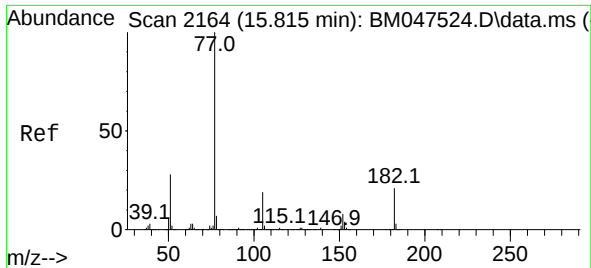
Tgt Ion:204 Resp: 184616
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 71.7 52.1 78.1



#62
4-Nitroaniline
Concen: 3.909 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:138 Resp: 90071
Ion Ratio Lower Upper
138 100
92 57.9 30.0 70.0
108 88.9 61.7 101.7

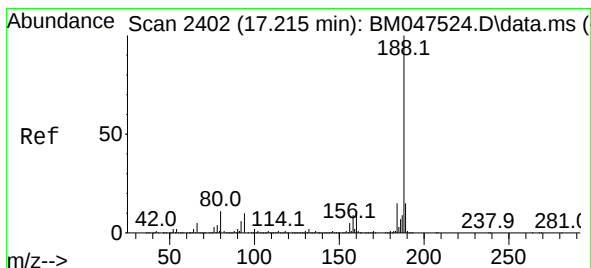
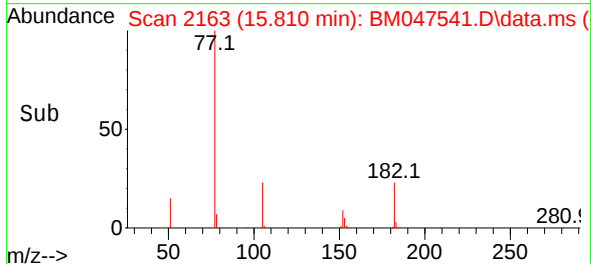
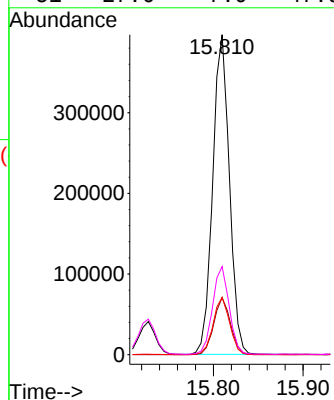
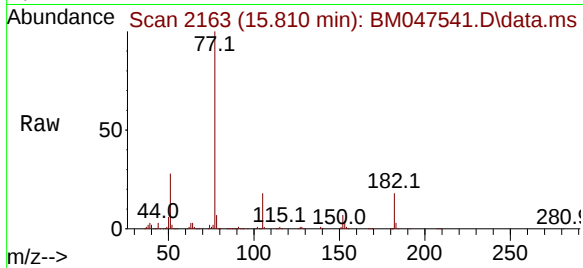




#63
Azobenzene
Concen: 5.229 ng
RT: 15.810 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

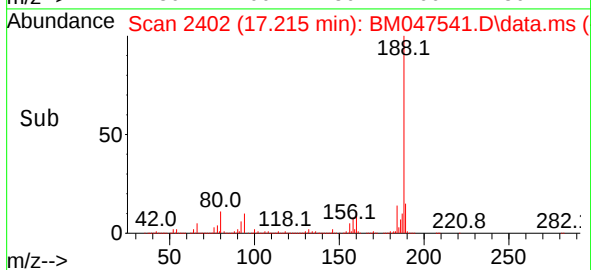
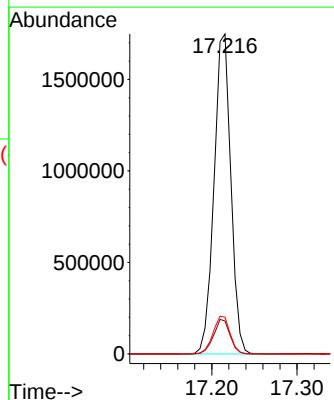
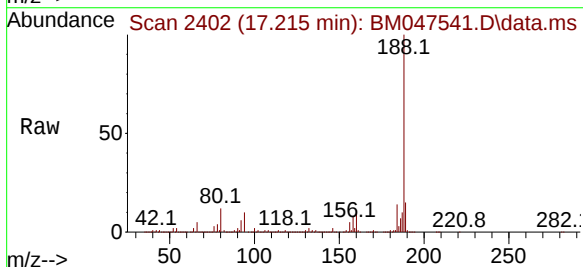
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

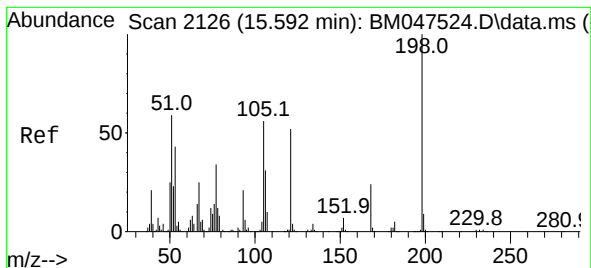
Tgt Ion:	77	Resp:	511938
Ion	Ratio	Lower	Upper
77	100		
182	17.8	1.2	41.2
105	17.9	0.0	39.4
51	27.6	7.9	47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:	188	Resp:	2391113
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	11.5	9.1	13.7

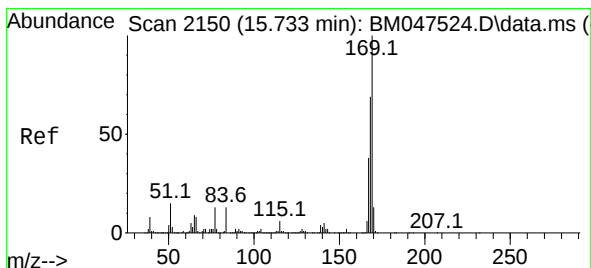
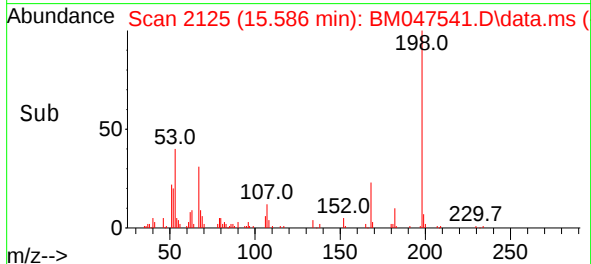
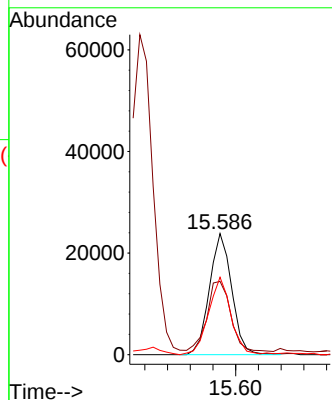
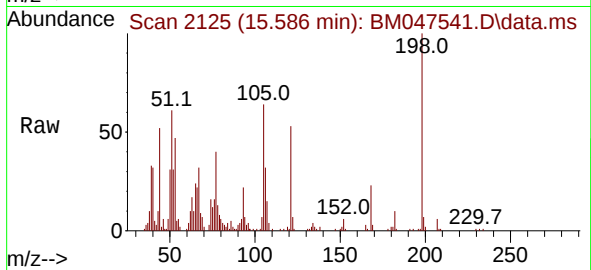




#65
4,6-Dinitro-2-methylphenol
Concen: 9.442 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

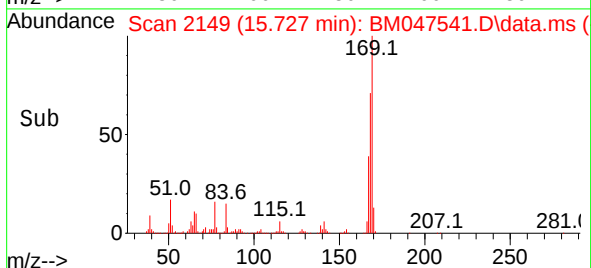
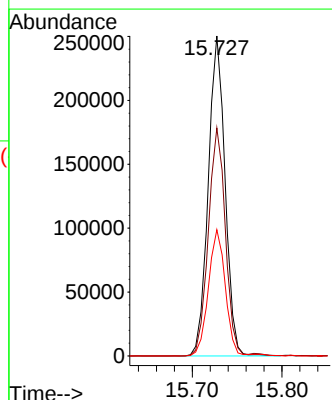
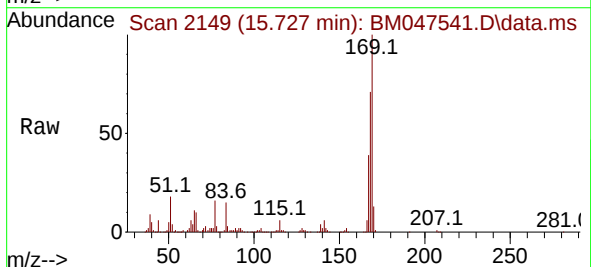
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

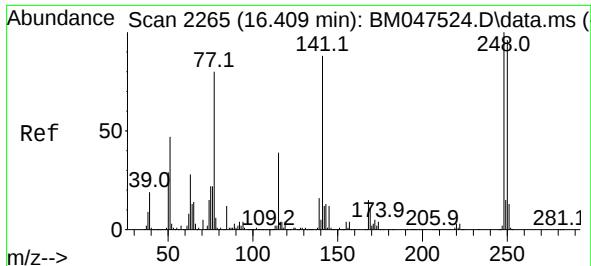
Tgt Ion:198 Resp: 32499
Ion Ratio Lower Upper
198 100
51 60.5 41.5 81.5
105 63.9 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 4.458 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:169 Resp: 326071
Ion Ratio Lower Upper
169 100
168 71.2 55.3 82.9
167 39.4 30.5 45.7





#67

4-Bromophenyl-phenylether

Concen: 4.258 ng

RT: 16.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

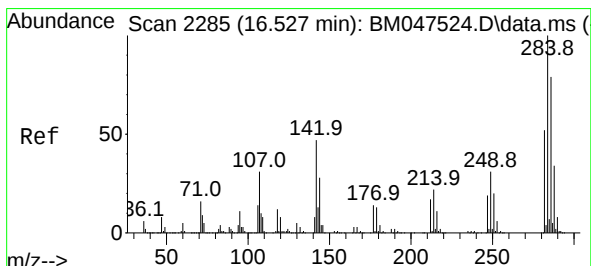
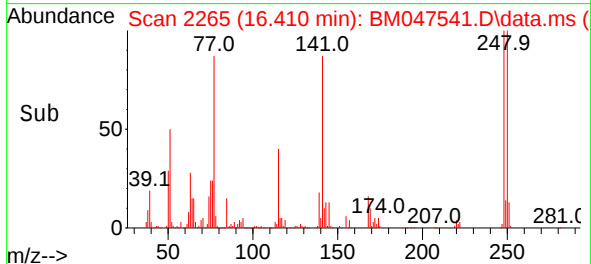
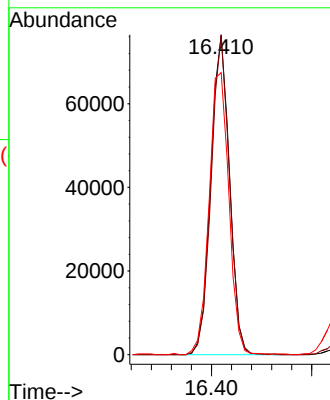
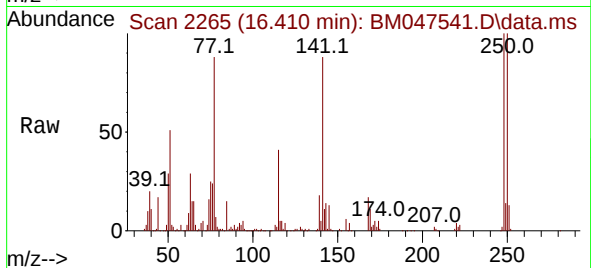
Tgt Ion:248 Resp: 98921

Ion Ratio Lower Upper

248 100

250 100.3 76.9 115.3

141 88.4 70.8 106.2



#68

Hexachlorobenzene

Concen: 4.338 ng

RT: 16.521 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

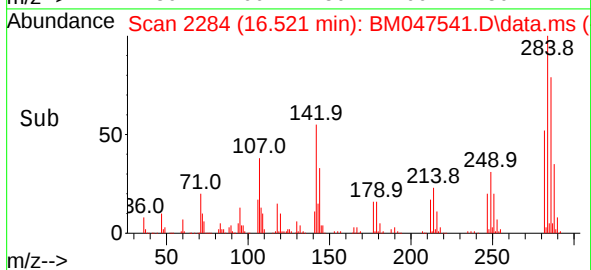
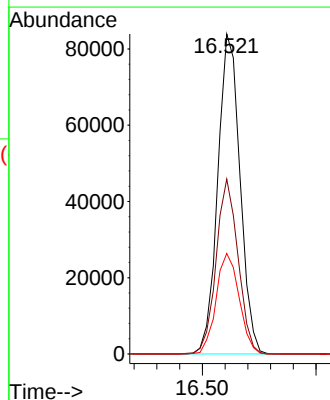
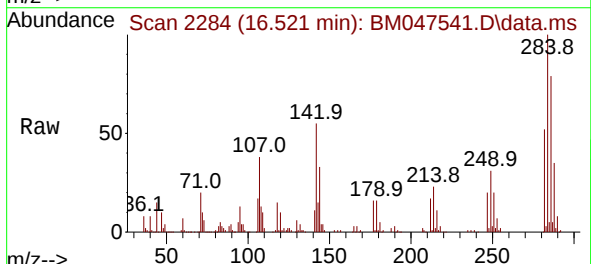
Tgt Ion:284 Resp: 114175

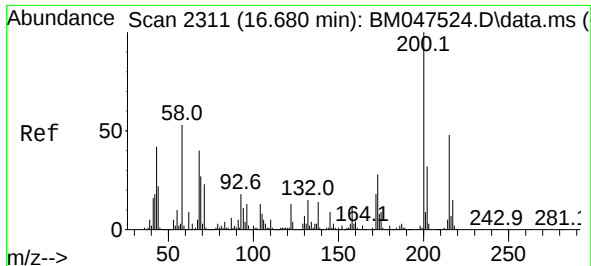
Ion Ratio Lower Upper

284 100

142 54.7 37.3 55.9

249 31.4 24.5 36.7





#69

Atrazine

Concen: 4.571 ng

RT: 16.674 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

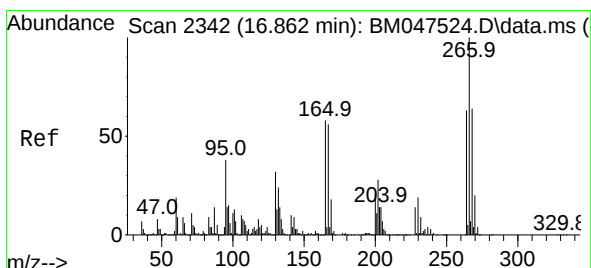
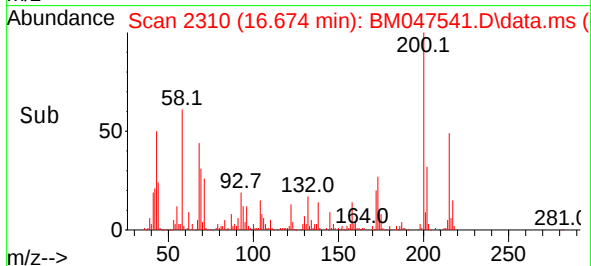
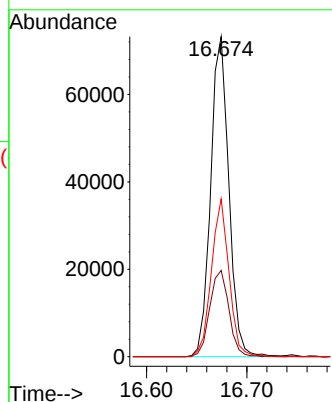
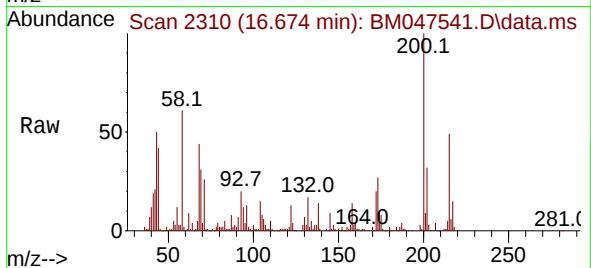
Tgt Ion:200 Resp: 92418

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 49.3 27.9 67.9



#70

Pentachlorophenol

Concen: 3.388 ng

RT: 16.863 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

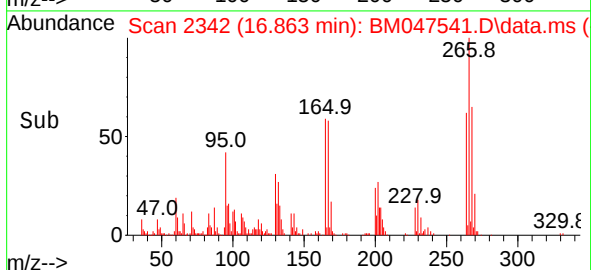
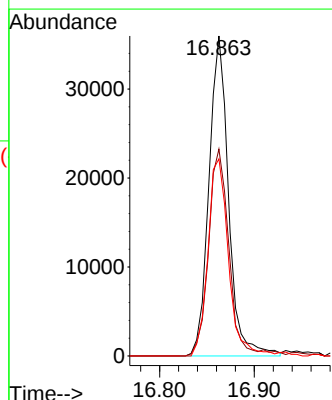
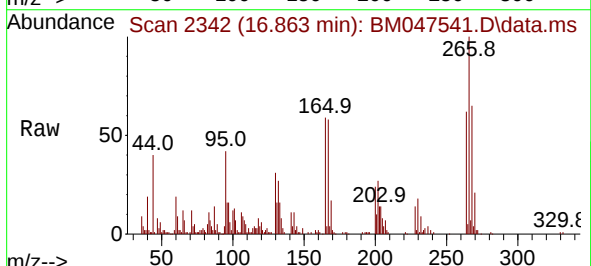
Tgt Ion:266 Resp: 51690

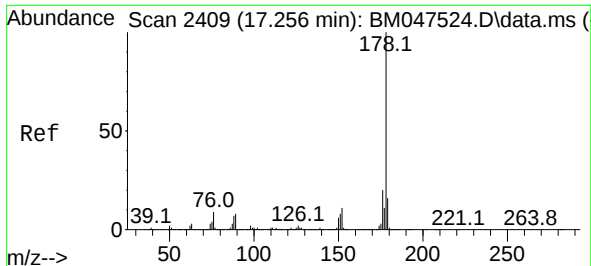
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.4

264 61.6 50.4 75.6

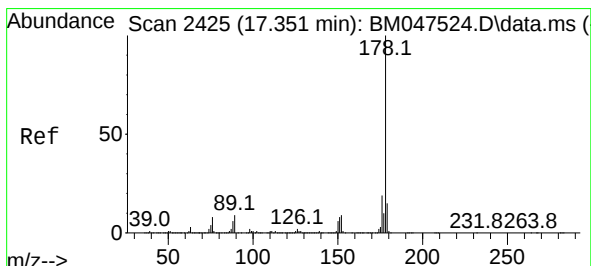
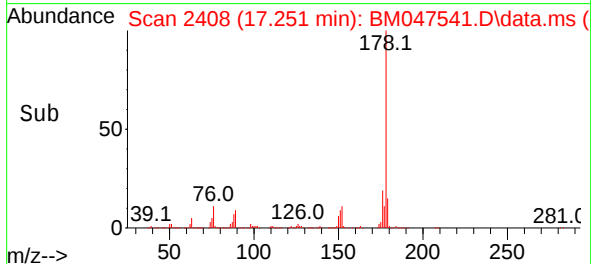
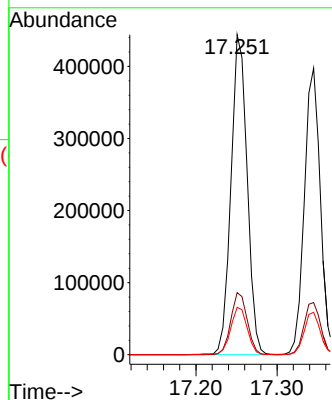
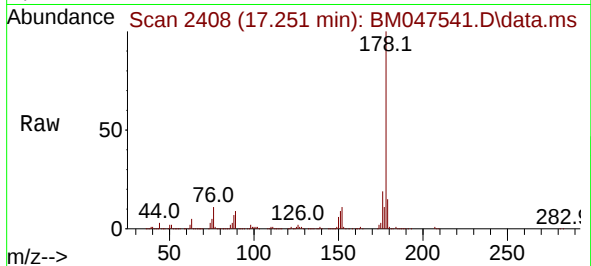




#71
Phenanthrene
Concen: 4.660 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

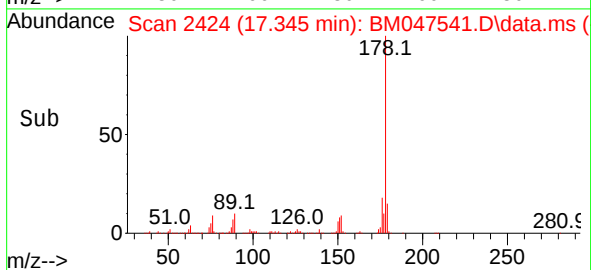
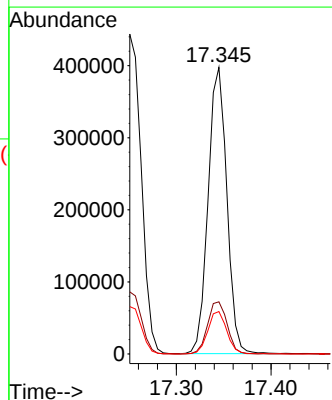
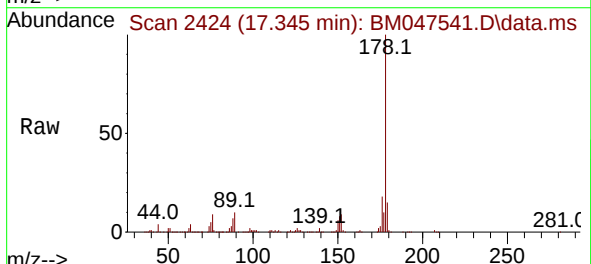
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

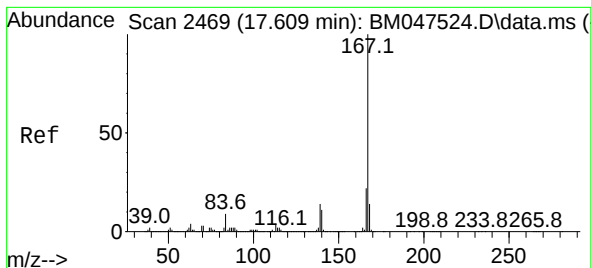
Tgt Ion:178 Resp: 614052
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.8 12.4 18.6



#72
Anthracene
Concen: 4.303 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:178 Resp: 544747
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 14.8 12.3 18.5





#73

Carbazole

Concen: 4.445 ng

RT: 17.610 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

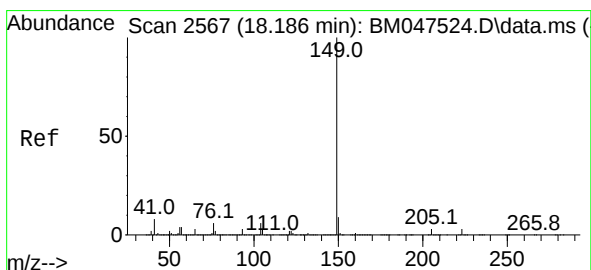
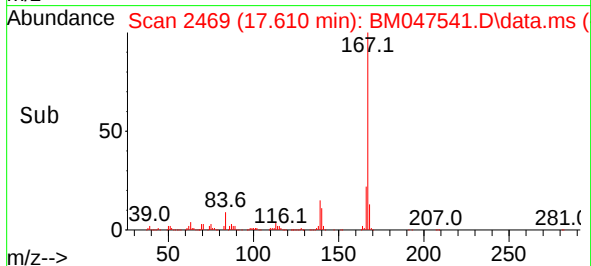
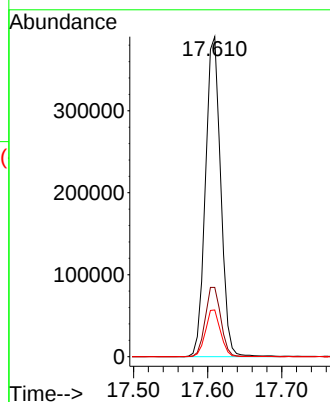
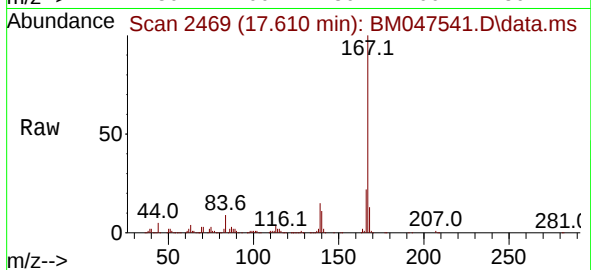
Tgt Ion:167 Resp: 557713

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 14.6 11.0 16.6



#74

Di-n-butylphthalate

Concen: 4.550 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

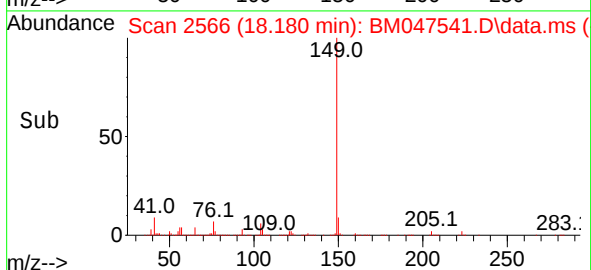
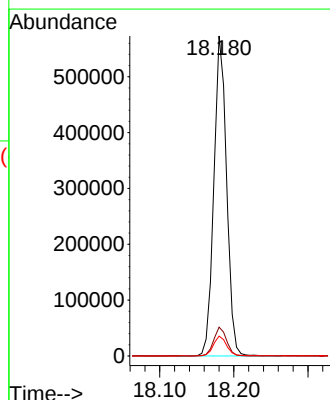
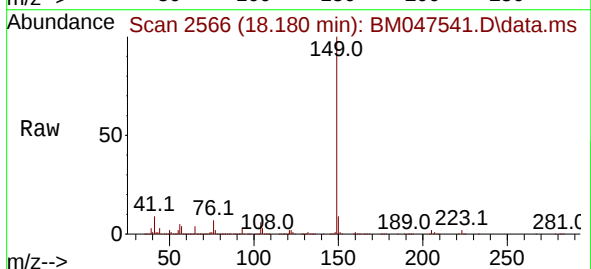
Tgt Ion:149 Resp: 683013

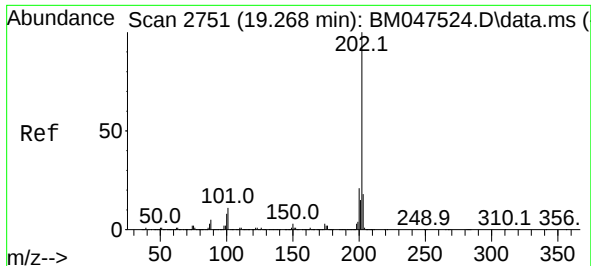
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 6.2 4.6 6.8

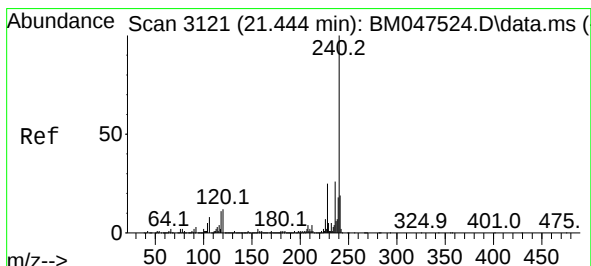
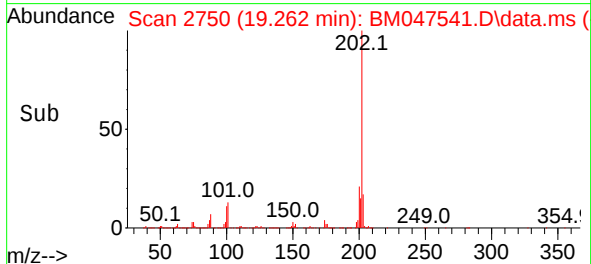
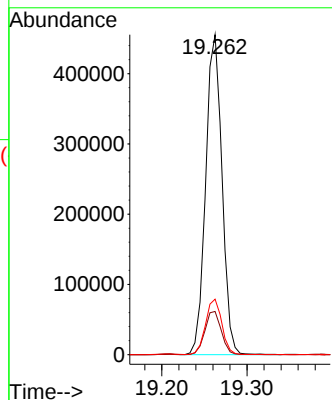
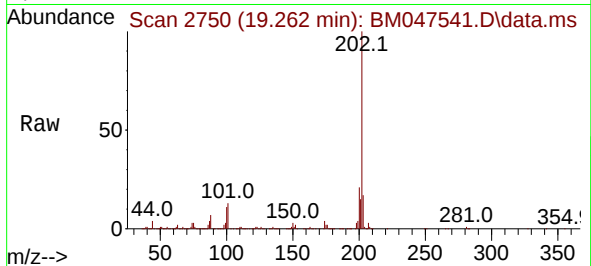




#75
Fluoranthene
Concen: 4.216 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

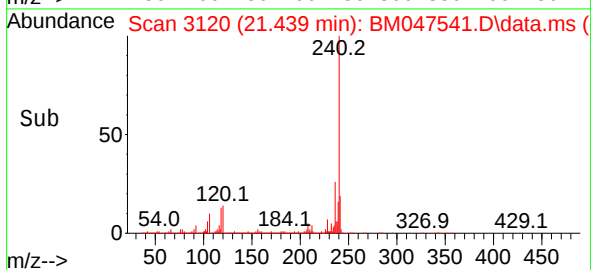
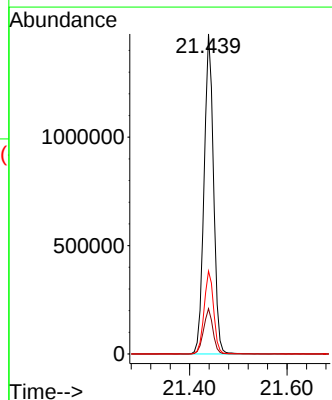
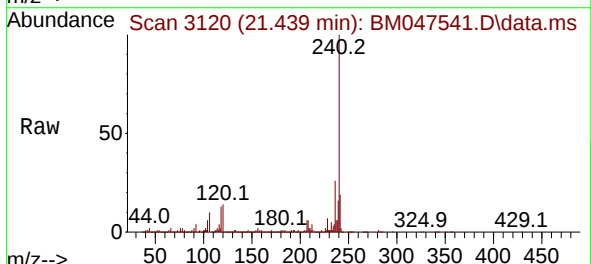
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

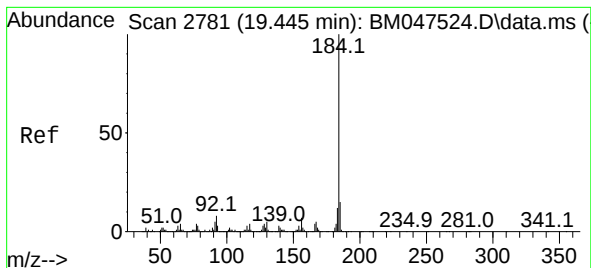
Tgt Ion:202 Resp: 606169
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.8
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:240 Resp: 1986277
Ion Ratio Lower Upper
240 100
120 14.1 9.6 14.4
236 25.9 20.9 31.3





#77

Benzidine

Concen: 4.039 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

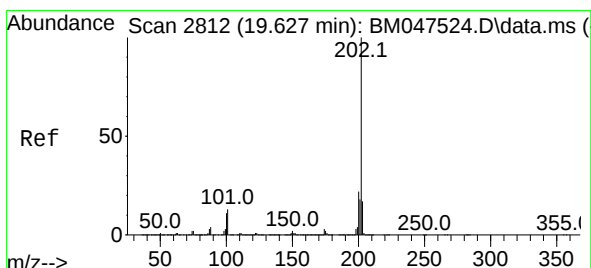
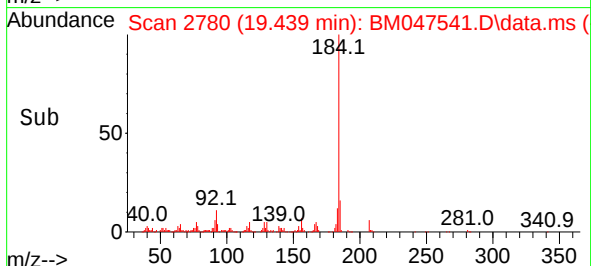
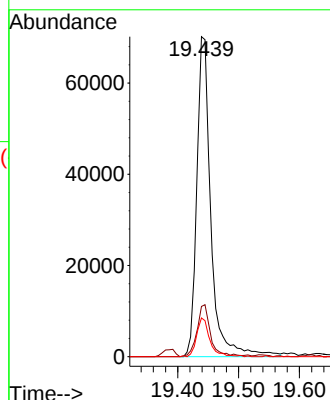
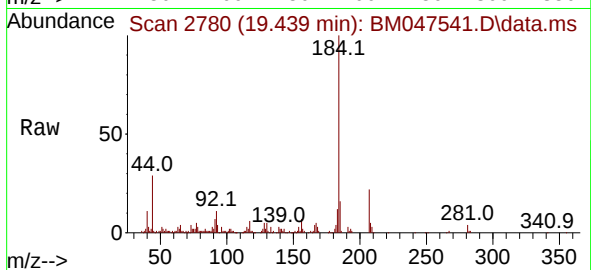
Tgt Ion:184 Resp: 113001

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

183 12.1 9.6 14.4



#78

Pyrene

Concen: 4.445 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

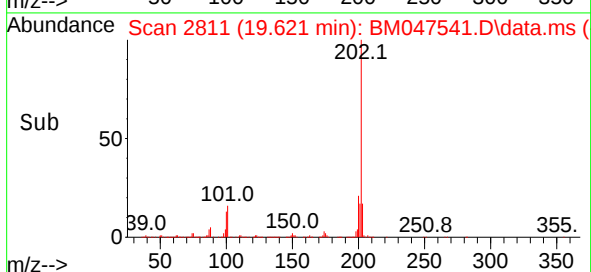
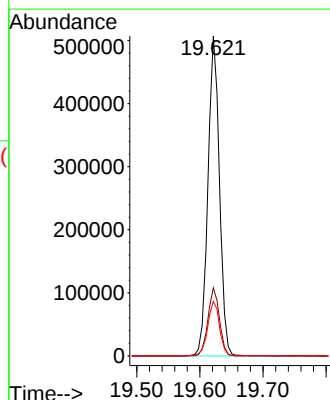
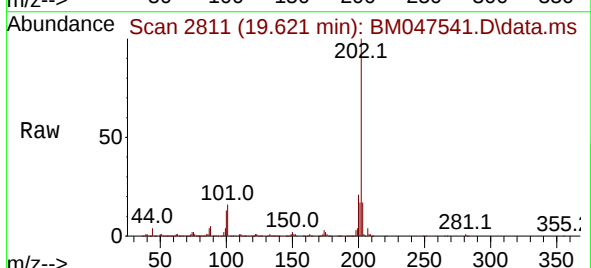
Tgt Ion:202 Resp: 643960

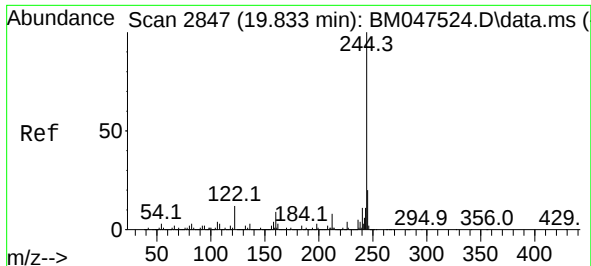
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.0 14.0 21.0

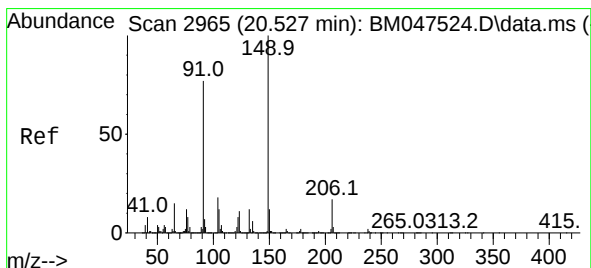
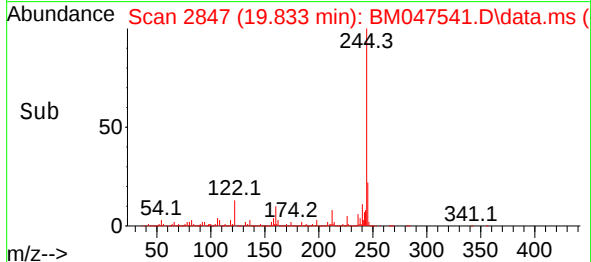
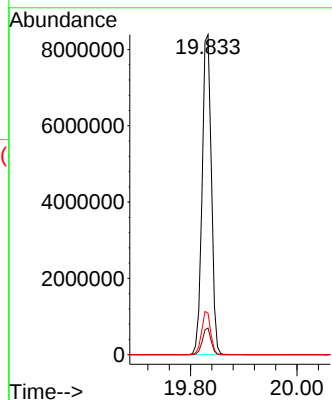
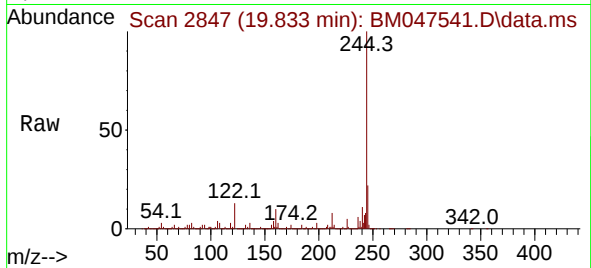




#79
 Terphenyl-d14
 Concen: 90.965 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047541.D
 Acq: 17 Sep 2024 12:34

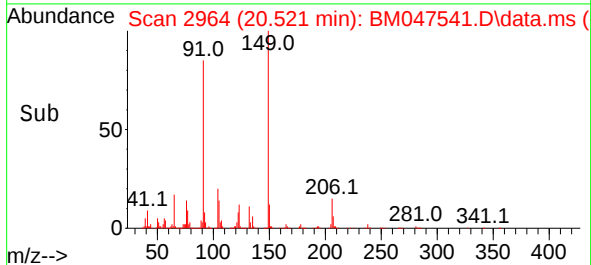
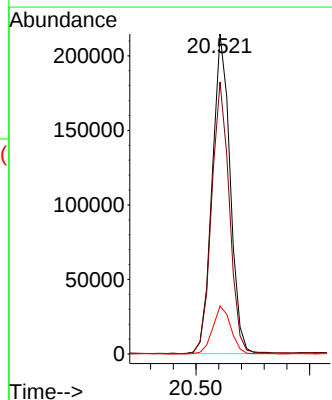
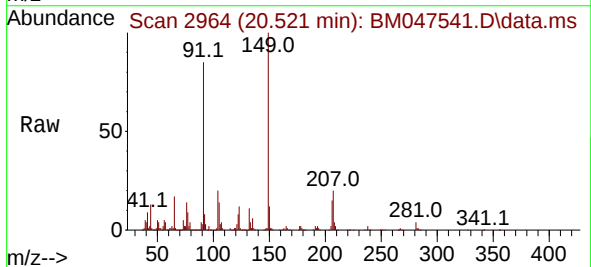
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

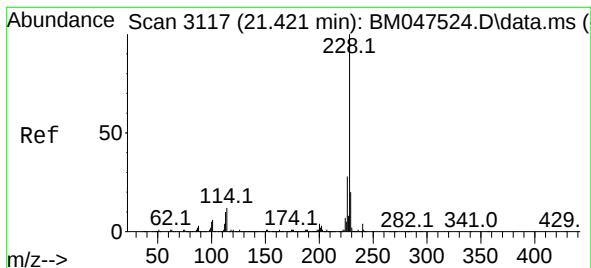
Tgt Ion:244 Resp:10082980
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 13.0 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 4.222 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047541.D
 Acq: 17 Sep 2024 12:34

Tgt Ion:149 Resp: 235488
 Ion Ratio Lower Upper
 149 100
 91 85.0 62.0 93.0
 206 15.0 13.8 20.8





#81

Benzo(a)anthracene

Concen: 4.863 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

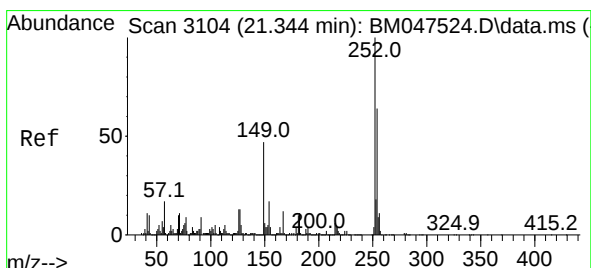
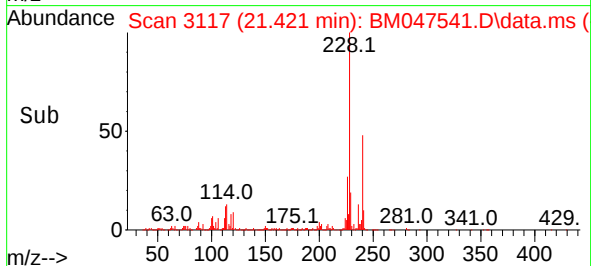
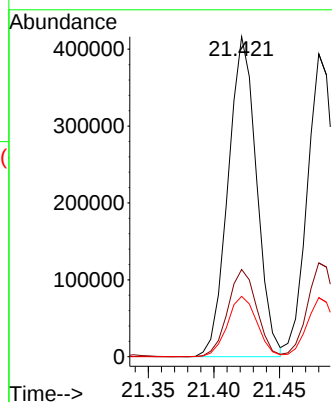
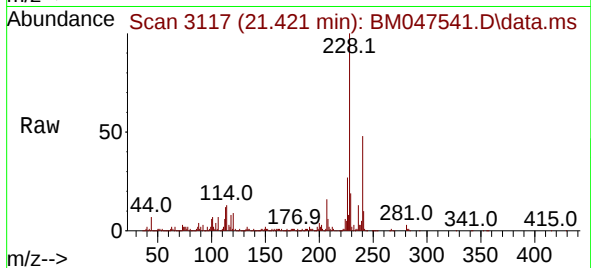
Tgt Ion:228 Resp: 629601

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 18.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 4.608 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

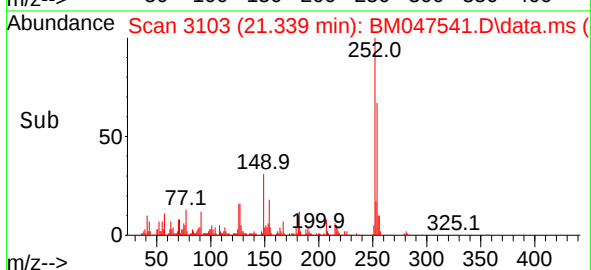
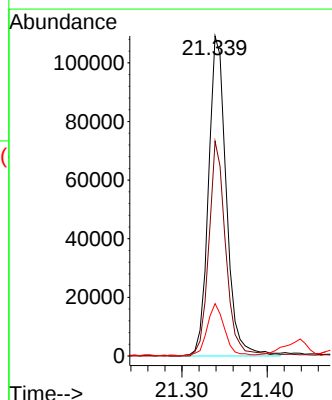
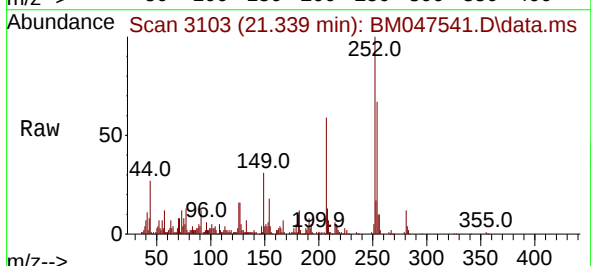
Tgt Ion:252 Resp: 158706

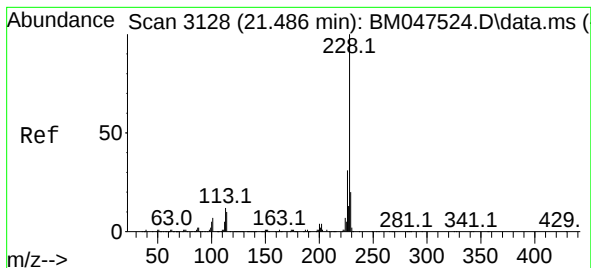
Ion Ratio Lower Upper

252 100

254 67.1 51.5 77.3

126 16.4 10.3 15.5#





#83

Chrysene

Concen: 4.780 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

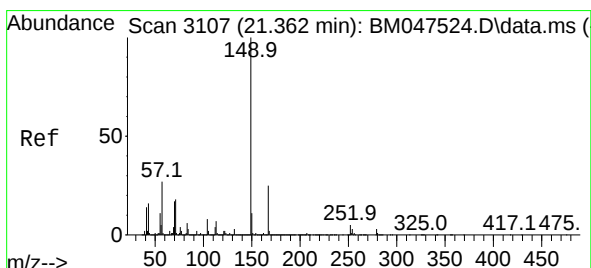
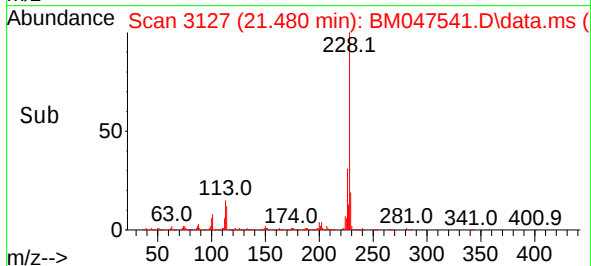
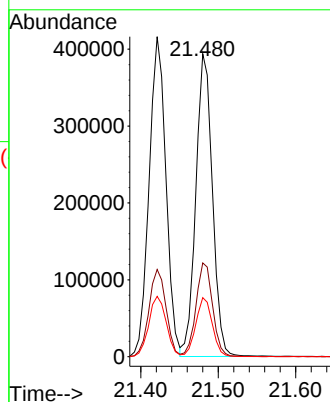
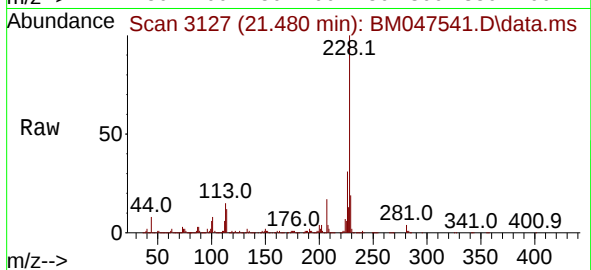
Tgt Ion:228 Resp: 585349

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.548 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

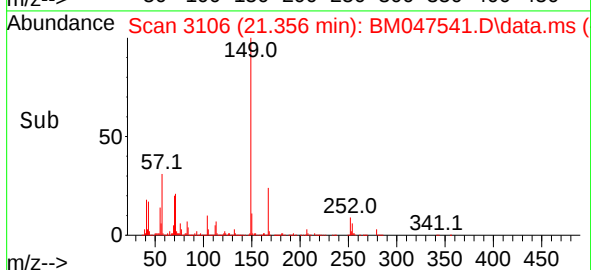
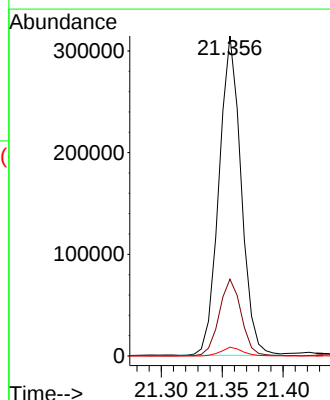
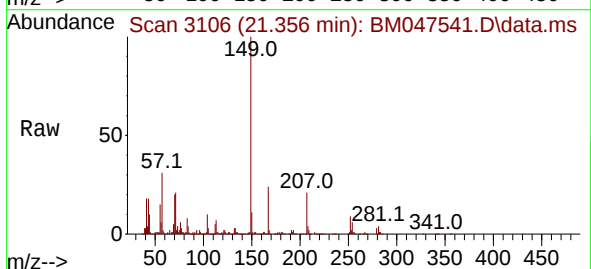
Tgt Ion:149 Resp: 397325

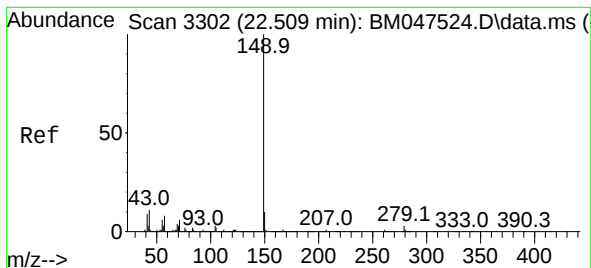
Ion Ratio Lower Upper

149 100

167 24.0 20.2 30.4

279 2.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 4.524 ng

RT: 22.503 min Scan# 3301

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

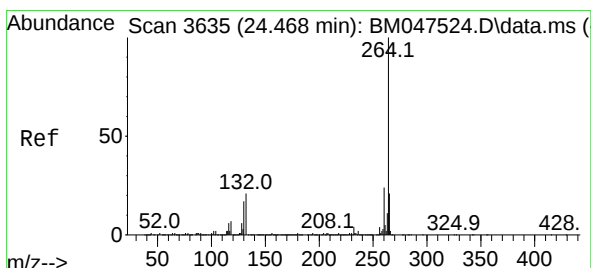
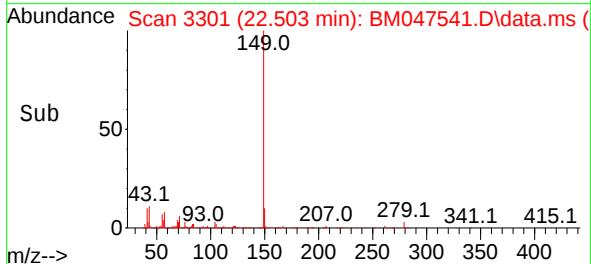
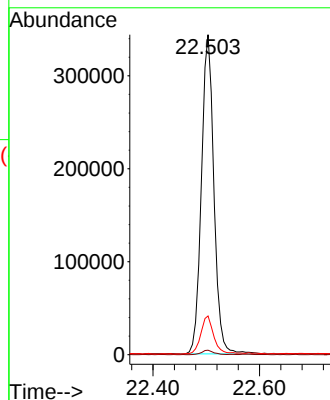
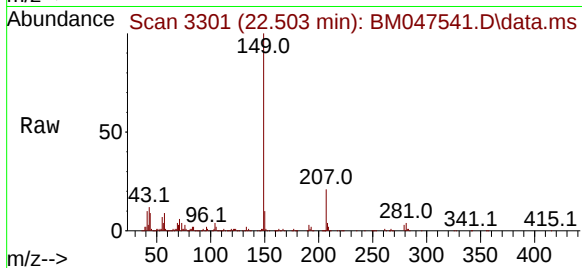
Tgt Ion:149 Resp: 559135

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 12.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

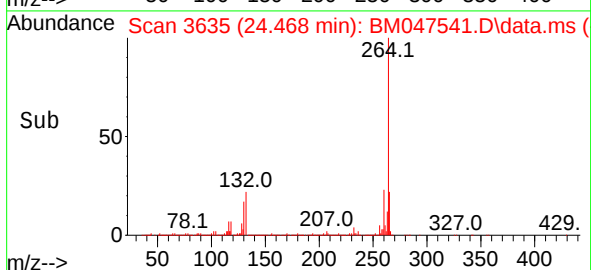
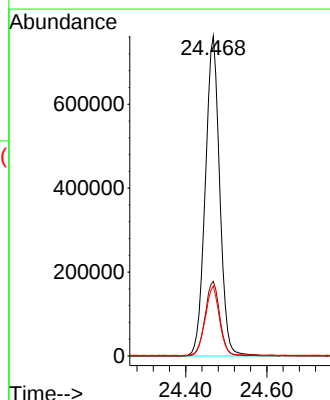
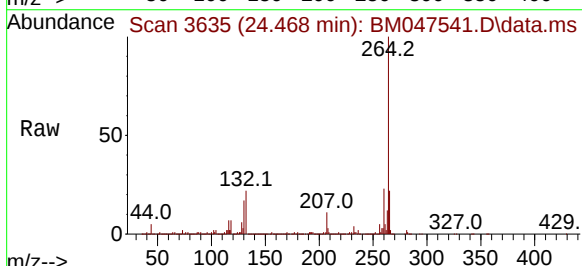
Tgt Ion:264 Resp: 1869878

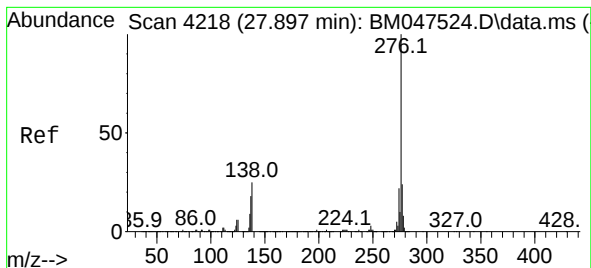
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.102 ng

RT: 27.874 min Scan# 4214

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

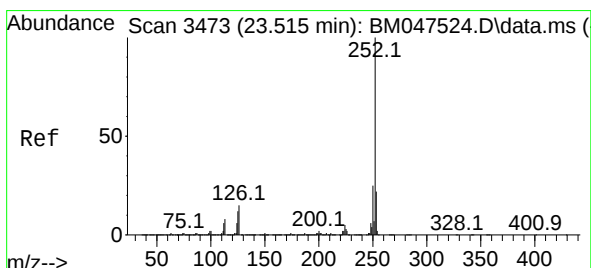
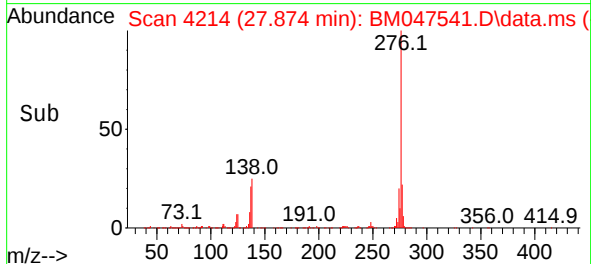
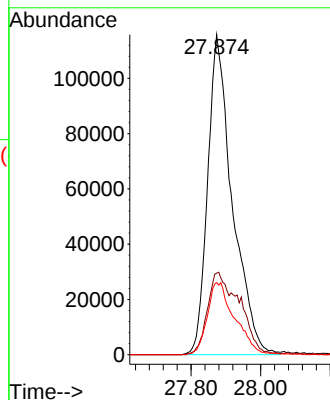
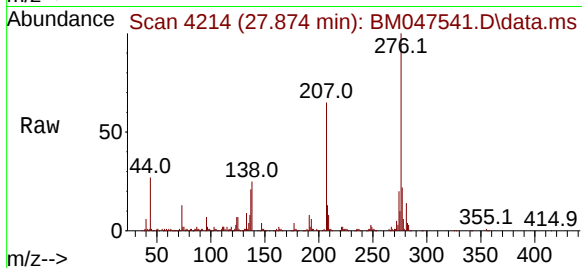
Tgt Ion:276 Resp: 570924

Ion Ratio Lower Upper

276 100

138 33.3 25.0 37.6

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 4.586 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

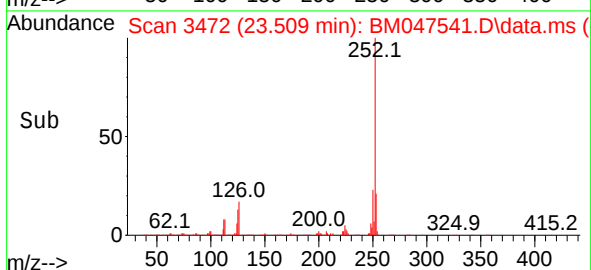
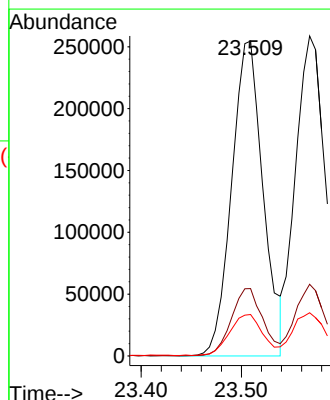
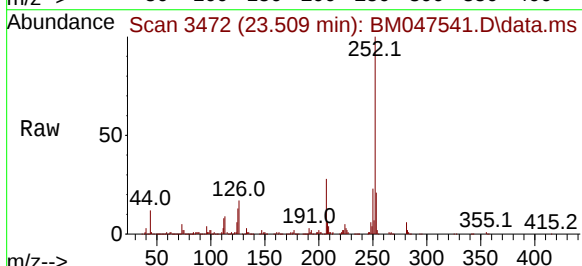
Tgt Ion:252 Resp: 554785

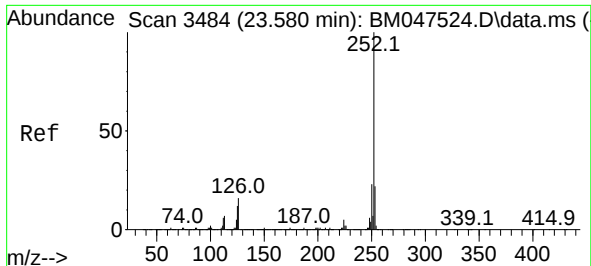
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 13.2 9.5 14.3





#89

Benzo(k)fluoranthene

Concen: 4.555 ng

RT: 23.568 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

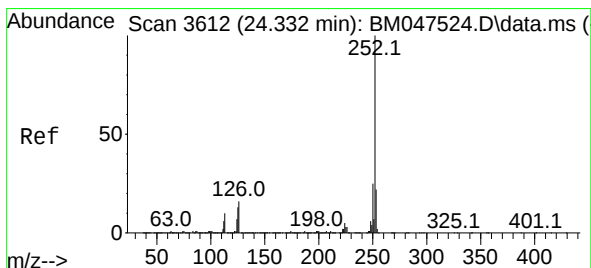
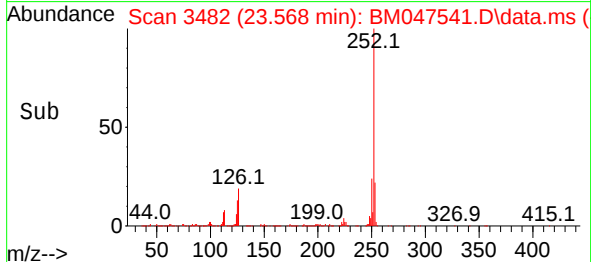
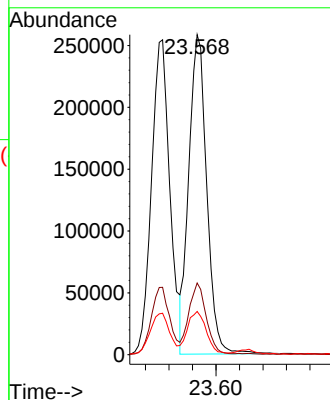
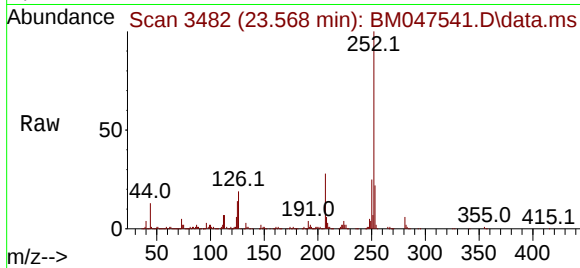
Tgt Ion:252 Resp: 546176

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 13.5 9.5 14.3



#90

Benzo(a)pyrene

Concen: 4.750 ng

RT: 24.321 min Scan# 3610

Delta R.T. -0.012 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

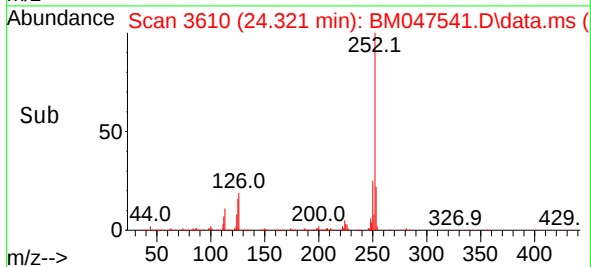
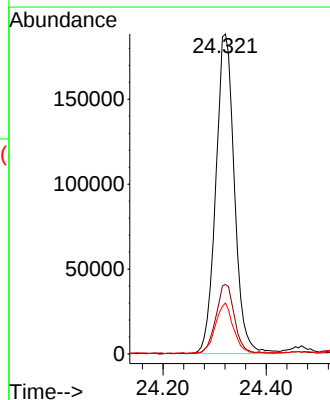
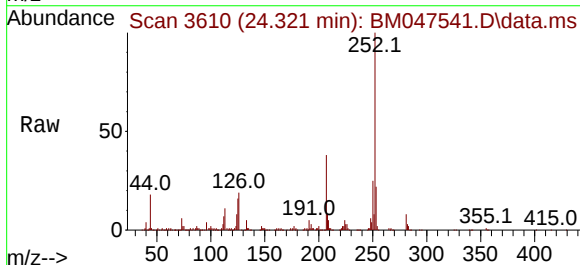
Tgt Ion:252 Resp: 471027

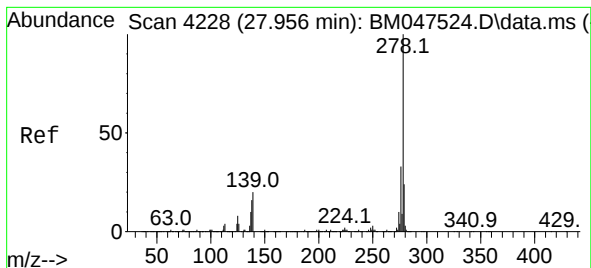
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 16.0 10.2 15.4#





#91

Dibenzo(a,h)anthracene

Concen: 4.934 ng

RT: 27.938 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

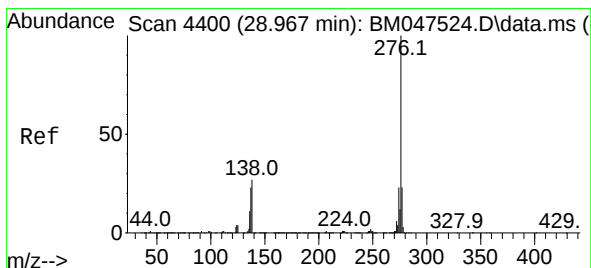
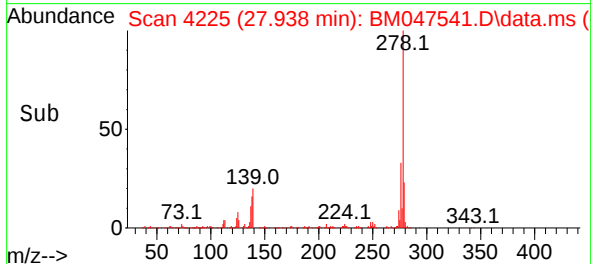
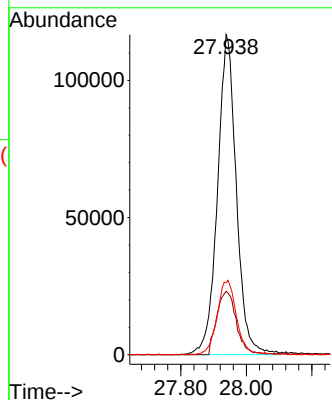
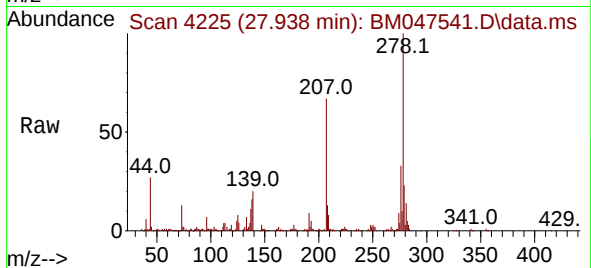
Tgt Ion:278 Resp: 464503

Ion Ratio Lower Upper

278 100

139 19.8 15.9 23.9

279 22.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.849 ng

RT: 28.944 min Scan# 4396

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:276 Resp: 445931

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 29.3 21.5 32.3

