

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047544.D
 Acq On : 17 Sep 2024 15:08
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 17 15:50:33 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	398059	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1755772	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1002924	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1913701	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1575110	20.000	ng	0.00
86) Perylene-d12	24.462	264	1514750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2313664	92.545	ng	0.00
7) Phenol-d6	7.004	99	3157434	89.681	ng	0.00
23) Nitrobenzene-d5	8.998	82	2260396	64.430	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	849676	87.648	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	4540346	62.362	ng	0.00
79) Terphenyl-d14	19.827	244	6138179	69.832	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	95983	8.964	ng	99
3) Pyridine	3.722	79	229645	7.205	ng	97
4) n-Nitrosodimethylamine	3.628	42	116507	8.056	ng	# 97
6) Aniline	7.169	93	272564	8.732	ng	99
8) 2-Chlorophenol	7.410	128	202746	7.357	ng	95
9) Benzaldehyde	6.981	77	211329	12.623	ng	97
10) Phenol	7.034	94	260647	7.394	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	216786	7.660	ng	98
12) 1,3-Dichlorobenzene	7.740	146	216181	7.166	ng	98
13) 1,4-Dichlorobenzene	7.881	146	218882	7.124	ng	99
14) 1,2-Dichlorobenzene	8.198	146	213544	7.062	ng	99
15) Benzyl Alcohol	8.081	79	172313	7.225	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	324290	8.146	ng	98
17) 2-Methylphenol	8.281	107	154727	6.870	ng	97
18) Hexachloroethane	8.934	117	90621	7.383	ng	96
19) n-Nitroso-di-n-propyla...	8.651	70	171994	7.246	ng	97
20) 3+4-Methylphenols	8.604	107	203762	6.484	ng	98
22) Acetophenone	8.663	105	333846	7.232	ng	# 97
24) Nitrobenzene	9.040	77	262461	7.280	ng	96
25) Isophorone	9.569	82	446878	7.245	ng	98
26) 2-Nitrophenol	9.751	139	71648	5.832	ng	95
27) 2,4-Dimethylphenol	9.810	122	97887	5.256	ng	100
28) bis(2-Chloroethoxy)met...	10.051	93	275892	7.121	ng	99
29) 2,4-Dichlorophenol	10.287	162	152871	6.461	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	175003	6.457	ng	99
31) Naphthalene	10.692	128	644522	6.797	ng	99
32) Benzoic acid	9.892	122	130300	12.807	ng	98
33) 4-Chloroaniline	10.792	127	246093	7.178	ng	98
34) Hexachlorobutadiene	10.986	225	95664	6.373	ng	99
35) Caprolactam	11.545	113	49011	6.289	ng	98
36) 4-Chloro-3-methylphenol	11.916	107	172221	6.352	ng	99
37) 2-Methylnaphthalene	12.304	142	411112	6.514	ng	99
38) 1-Methylnaphthalene	12.522	142	384644	6.133	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	179262	6.605	ng	98
41) Hexachlorocyclopentadiene	12.657	237	98500	11.103	ng	97
43) 2,4,6-Trichlorophenol	12.910	196	102020	6.000	ng	98

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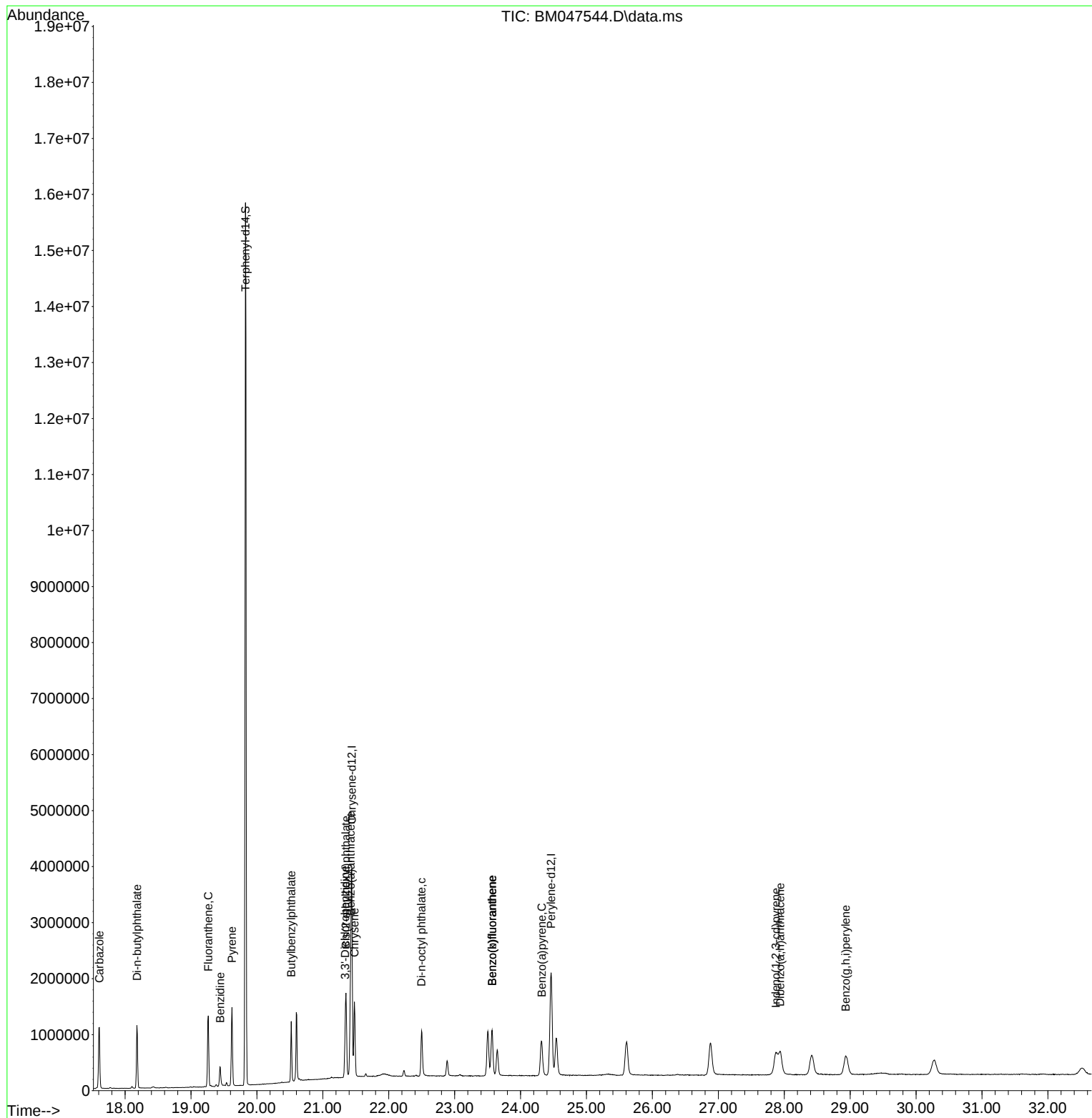
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	116670	6.075	ng	96
46) 1,1'-Biphenyl	13.316	154	542743	6.955	ng	100
47) 2-Chloronaphthalene	13.351	162	400311	6.607	ng	99
48) 2-Nitroaniline	13.545	65	112965	6.348	ng	91
49) Acenaphthylene	14.198	152	621288	7.106	ng	98
50) Dimethylphthalate	13.933	163	464874	6.801	ng	99
51) 2,6-Dinitrotoluene	14.039	165	87473	6.062	ng	86
52) Acenaphthene	14.539	154	389839	6.363	ng	98
53) 3-Nitroaniline	14.369	138	101279	6.314	ng	94
54) 2,4-Dinitrophenol	14.569	184	30296	8.153	ng	85
55) Dibenzofuran	14.874	168	577369	6.707	ng	97
56) 4-Nitrophenol	14.669	139	79457	6.020	ng	94
57) 2,4-Dinitrotoluene	14.827	165	111913	5.815	ng	# 94
58) Fluorene	15.521	166	471241	6.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	92014	6.145	ng	93
60) Diethylphthalate	15.298	149	481899	6.624	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	207171	5.846	ng	93
62) 4-Nitroaniline	15.521	138	105241	5.582	ng	86
63) Azobenzene	15.810	77	588487	7.346	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	54520	11.930	ng	93
66) n-Nitrosodiphenylamine	15.727	169	373493	6.380	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	109670	5.898	ng	93
68) Hexachlorobenzene	16.521	284	126751	6.017	ng	# 88
69) Atrazine	16.674	200	105838	6.541	ng	98
70) Pentachlorophenol	16.863	266	124346	10.183	ng	98
71) Phenanthrene	17.257	178	681302	6.460	ng	99
72) Anthracene	17.345	178	630826	6.226	ng	99
73) Carbazole	17.610	167	626848	6.243	ng	100
74) Di-n-butylphthalate	18.180	149	747408	6.221	ng	99
75) Fluoranthene	19.262	202	671938	5.839	ng	97
77) Benzidine	19.445	184	195593	8.817	ng	99
78) Pyrene	19.621	202	714367	6.218	ng	99
80) Butylbenzylphthalate	20.521	149	259617	5.870	ng	92
81) Benzo(a)anthracene	21.421	228	707976	6.896	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	183333	6.713	ng	# 96
83) Chrysene	21.480	228	661060	6.807	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	436916	6.306	ng	# 97
85) Di-n-octyl phthalate	22.497	149	625378	6.381	ng	97
87) Indeno(1,2,3-cd)pyrene	27.874	276	662895	7.313	ng	97
88) Benzo(b)fluoranthene	23.568	252	637133	6.501	ng	97
89) Benzo(k)fluoranthene	23.568	252	637133	6.559	ng	98
90) Benzo(a)pyrene	24.321	252	541799	6.745	ng	97
91) Dibenzo(a,h)anthracene	27.938	278	538254	7.057	ng	98
92) Benzo(g,h,i)perylene	28.932	276	512853	6.884	ng	98

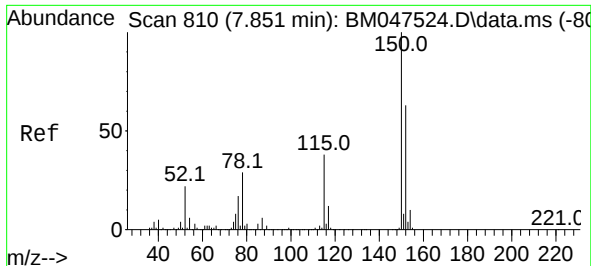
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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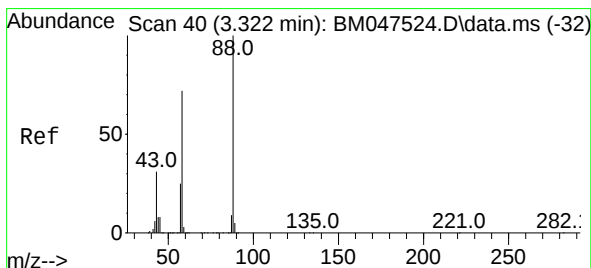
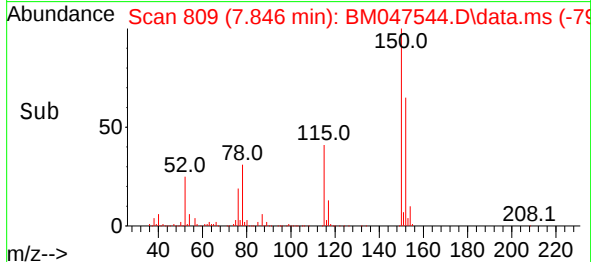
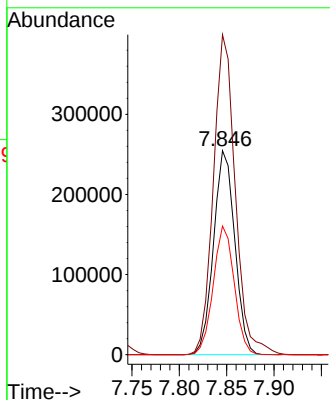
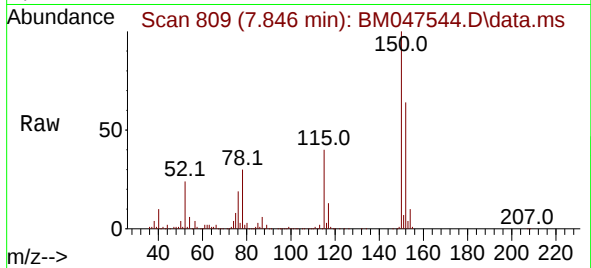




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 810
Delta R.T. -0.005 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

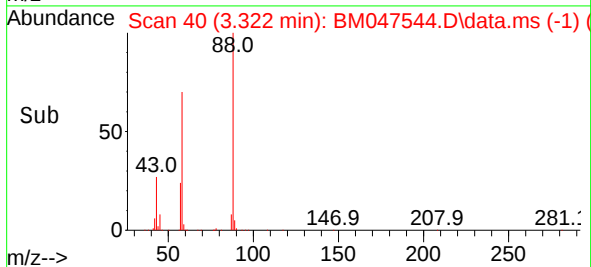
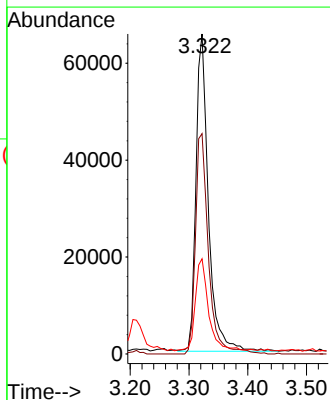
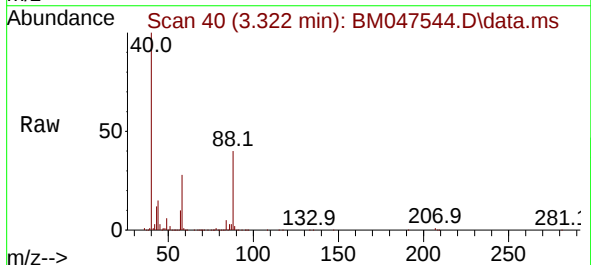
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

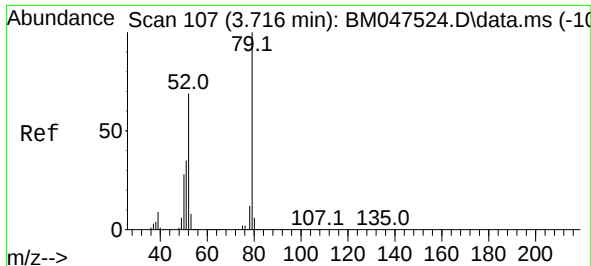
Tgt Ion:152 Resp: 398059
Ion Ratio Lower Upper
152 100
150 156.8 126.8 190.2
115 63.0 47.8 71.8



#2
1,4-Dioxane
Concen: 8.964 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 88 Resp: 95983
Ion Ratio Lower Upper
88 100
58 72.7 59.0 88.6
43 30.7 25.0 37.4

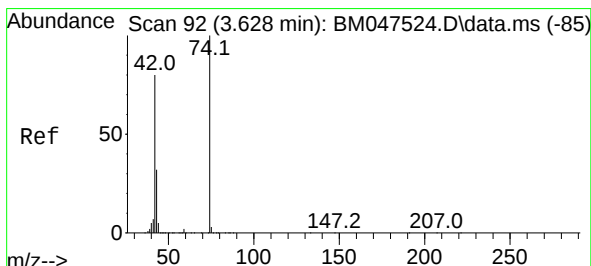
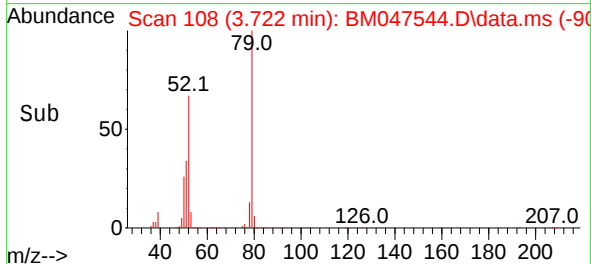
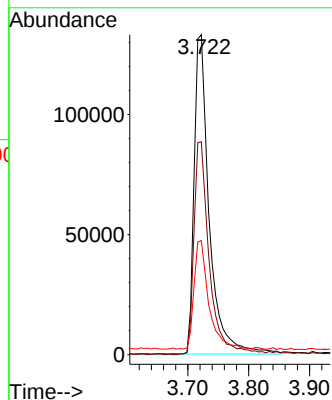
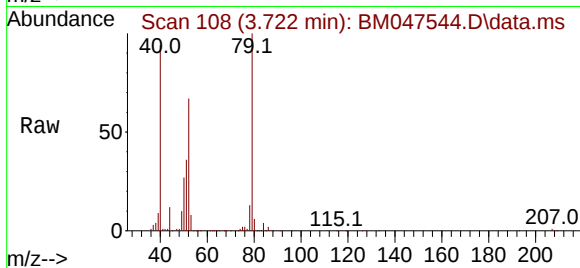




#3
Pyridine
Concen: 7.205 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

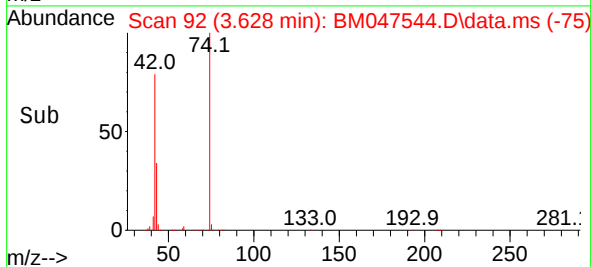
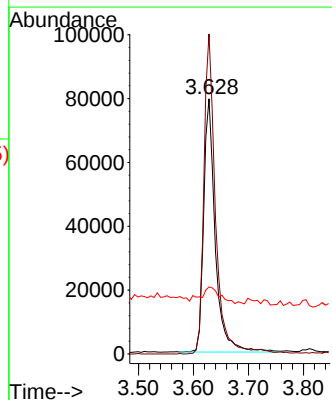
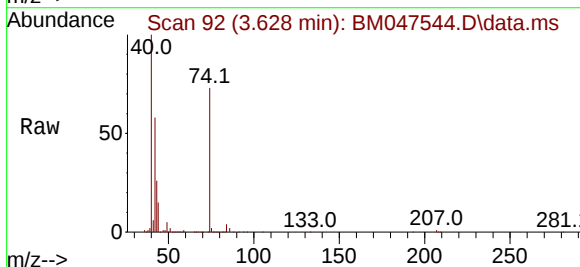
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

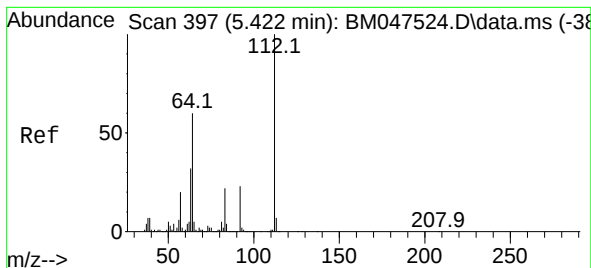
Tgt Ion: 79 Resp: 229645
Ion Ratio Lower Upper
79 100
52 66.5 55.4 83.0
51 35.6 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 8.056 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 42 Resp: 116507
Ion Ratio Lower Upper
42 100
74 125.4 100.5 150.7
44 26.2 6.9 10.3#





#5

2-Fluorophenol

Concen: 92.545 ng

RT: 5.422 min Scan# 397

Delta R.T. 0.000 min

Lab File: BM047544.D

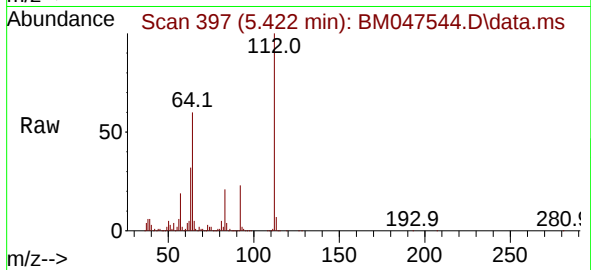
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



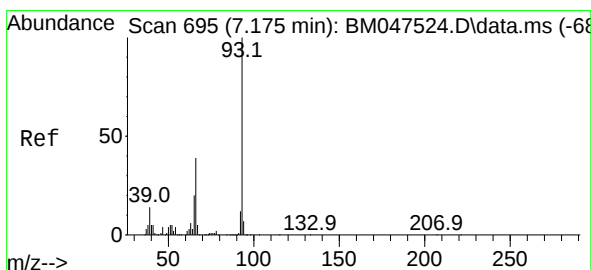
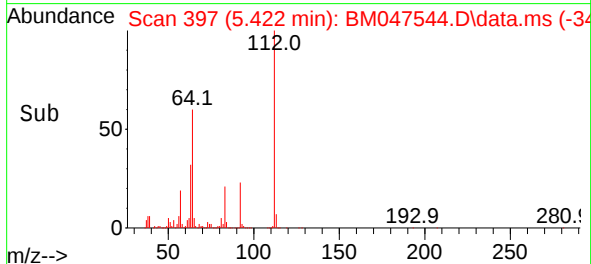
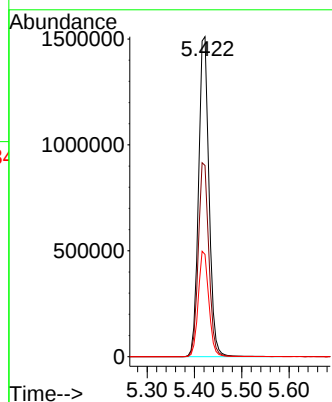
Tgt Ion:112 Resp: 2313664

Ion Ratio Lower Upper

112 100

64 59.8 48.2 72.4

63 31.9 26.0 39.0



#6

Aniline

Concen: 8.732 ng

RT: 7.169 min Scan# 694

Delta R.T. -0.006 min

Lab File: BM047544.D

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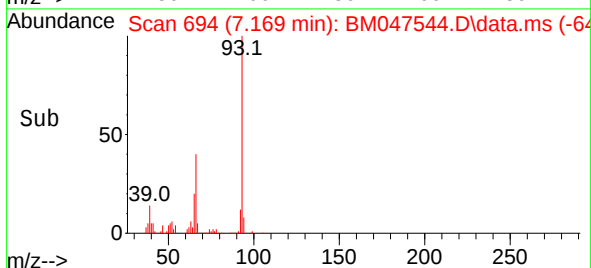
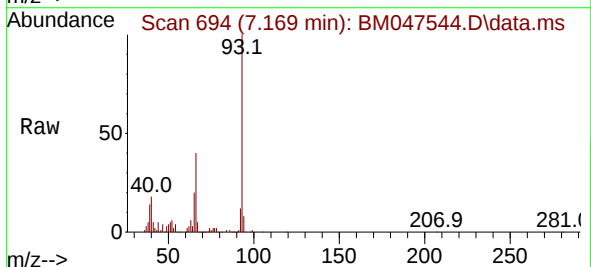
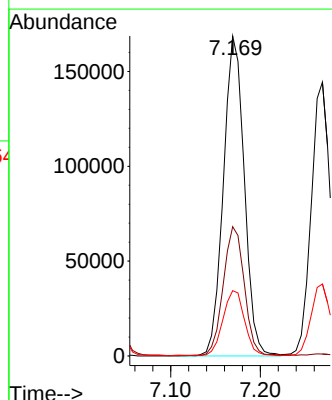
Tgt Ion: 93 Resp: 272564

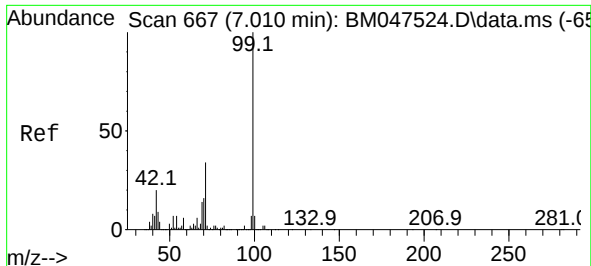
Ion Ratio Lower Upper

93 100

66 40.4 31.4 47.0

65 20.4 16.3 24.5

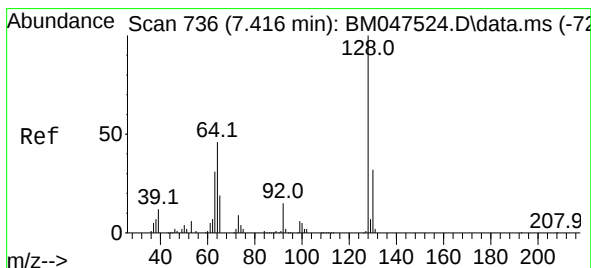
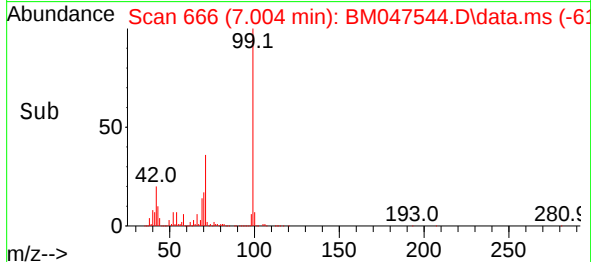
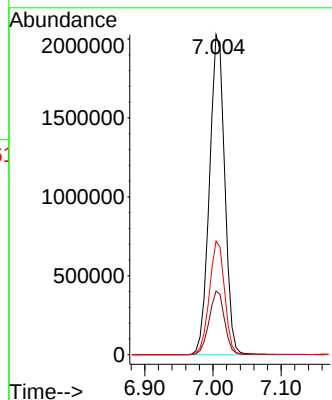
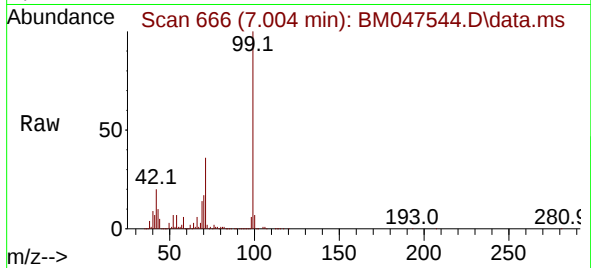




#7
Phenol-d6
Concen: 89.681 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

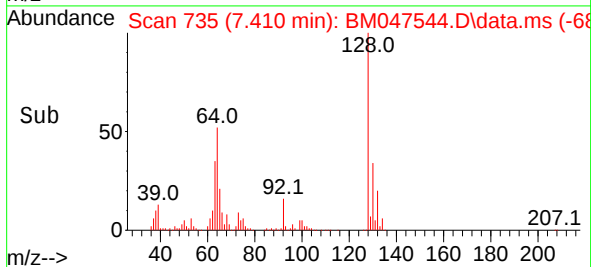
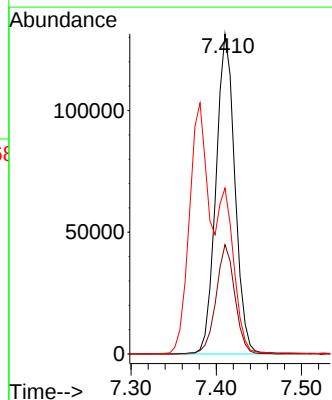
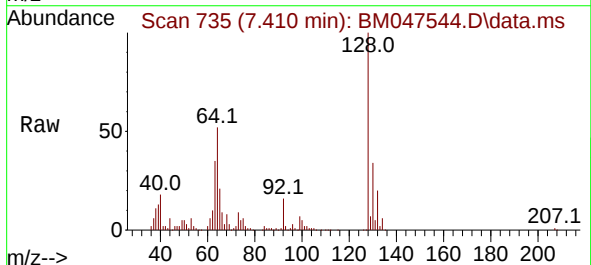
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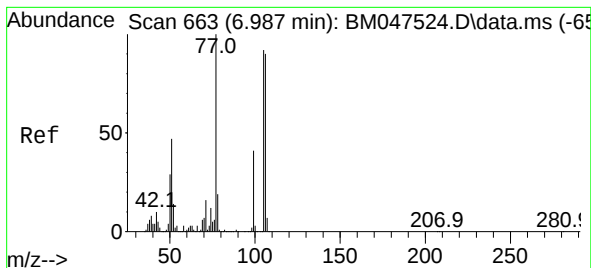
Tgt Ion: 99 Resp: 3157434
Ion Ratio Lower Upper
99 100
42 19.9 15.8 23.8
71 35.5 27.6 41.4



#8
2-Chlorophenol
Concen: 7.357 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:128 Resp: 202746
Ion Ratio Lower Upper
128 100
130 34.1 11.8 51.8
64 51.9 27.6 67.6





#9

Benzaldehyde

Concen: 12.623 ng

RT: 6.981 min Scan# 663

Delta R.T. -0.006 min

Lab File: BM047544.D

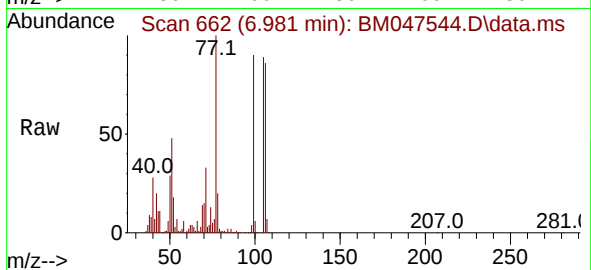
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

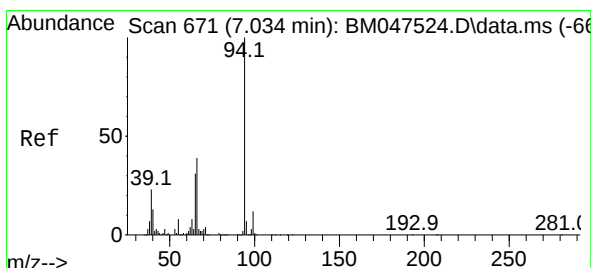
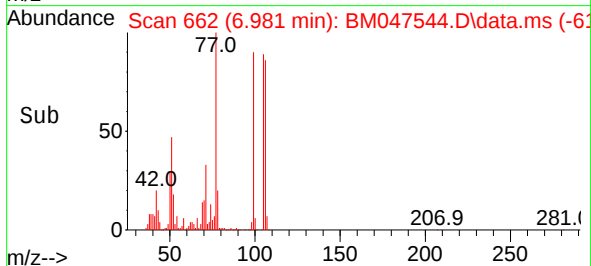
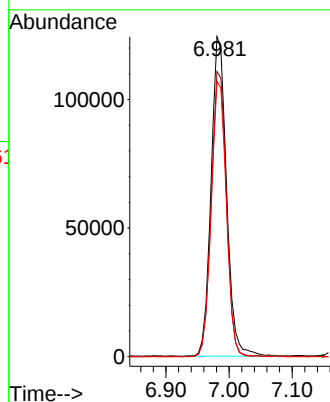
ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 211329

Ion	Ratio	Lower	Upper
77	100		
105	89.1	71.8	111.8
106	86.1	69.7	109.7



#10

Phenol

Concen: 7.394 ng

RT: 7.034 min Scan# 671

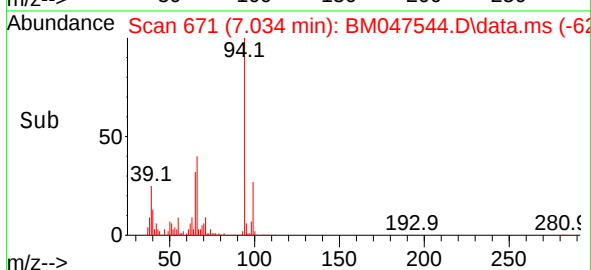
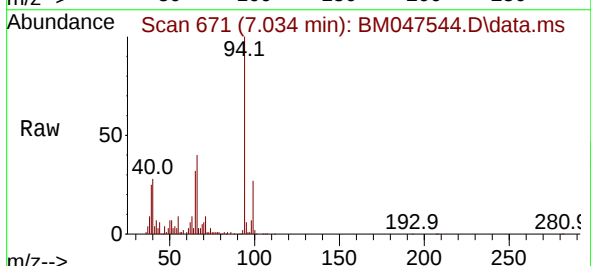
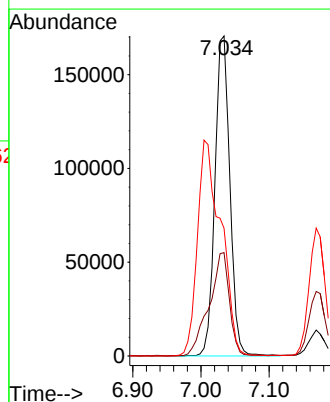
Delta R.T. 0.000 min

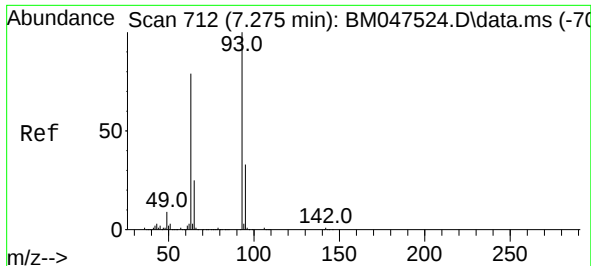
Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion: 94 Resp: 260647

Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.8	50.8
66	39.9	19.2	59.2

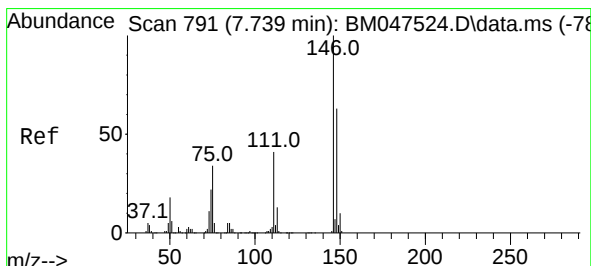
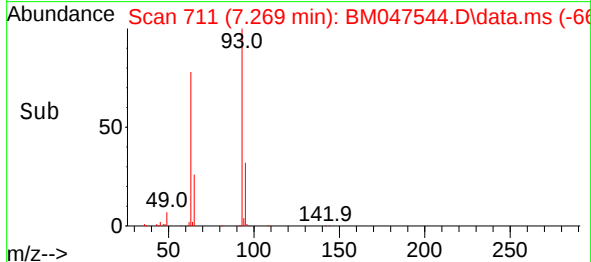
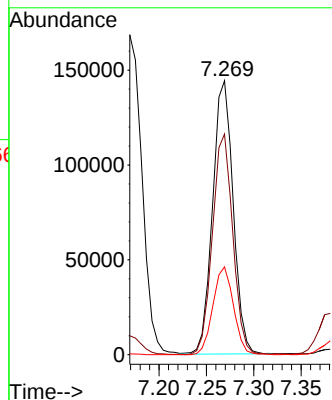
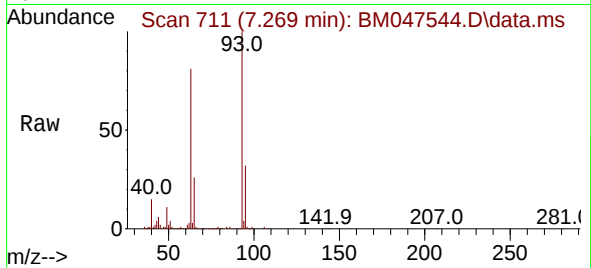




#11
bis(2-Chloroethyl)ether
Concen: 7.660 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

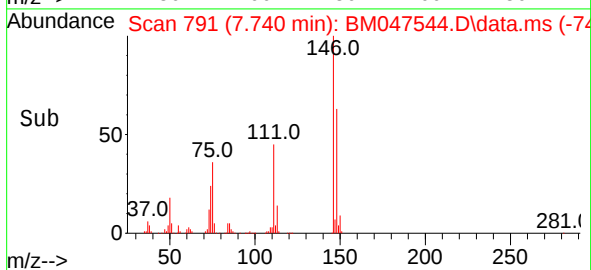
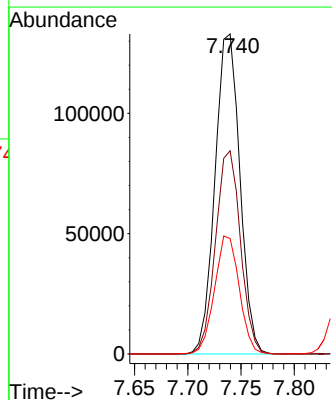
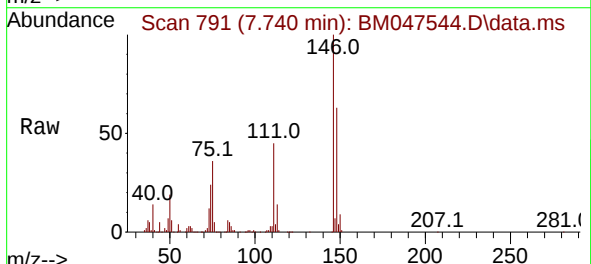
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

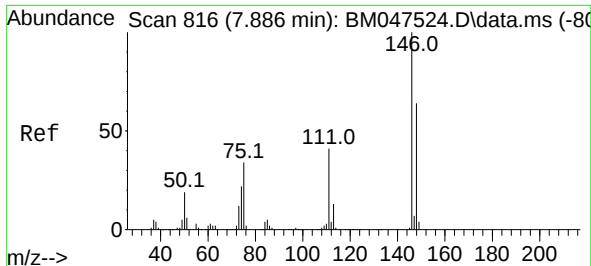
Tgt Ion: 93 Resp: 216786
Ion Ratio Lower Upper
93 100
63 80.5 58.2 98.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 7.166 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:146 Resp: 216181
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 36.1 27.4 41.0

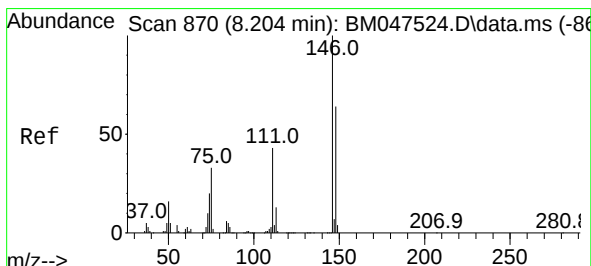
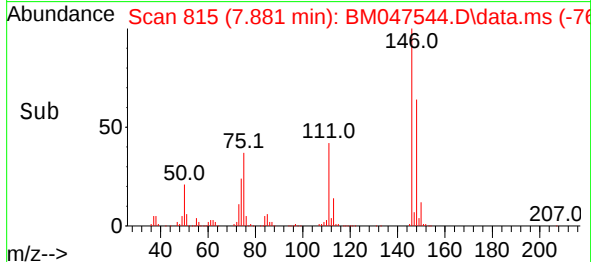
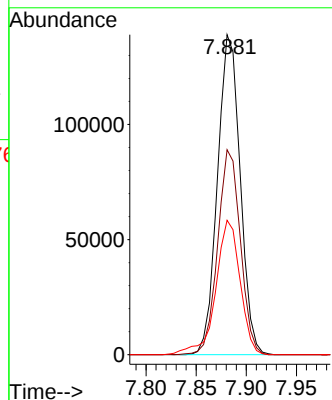
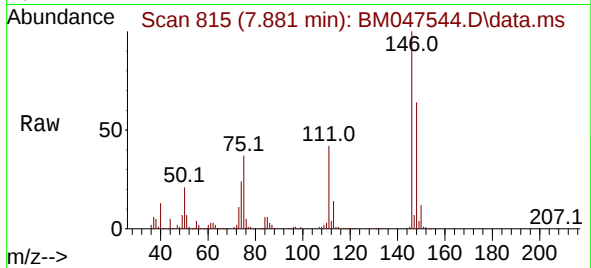




#13
1,4-Dichlorobenzene
Concen: 7.124 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

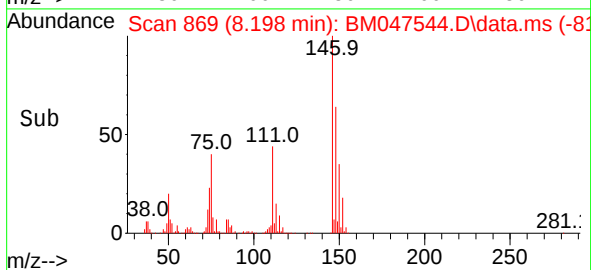
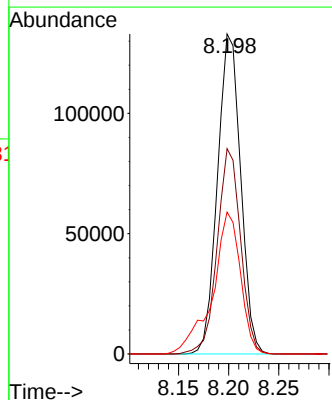
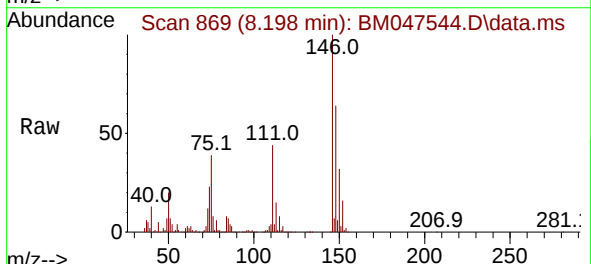
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

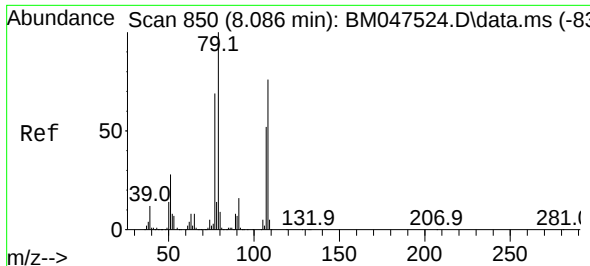
Tgt Ion:146 Resp: 218882
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 42.0 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 7.062 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:146 Resp: 213544
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 44.3 34.7 52.1

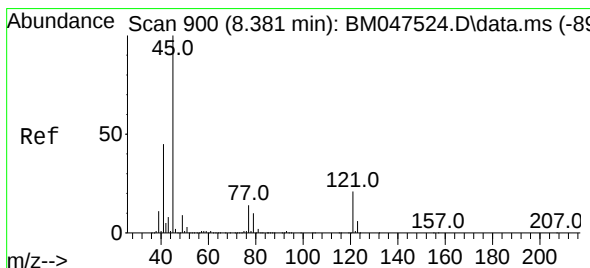
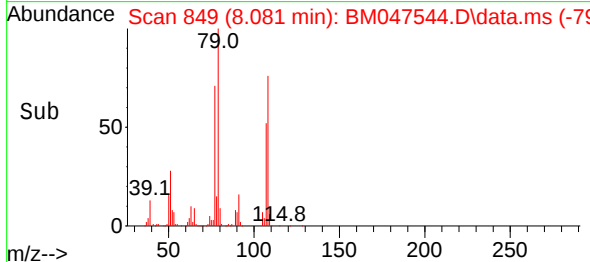
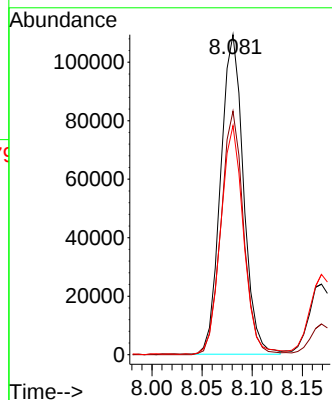
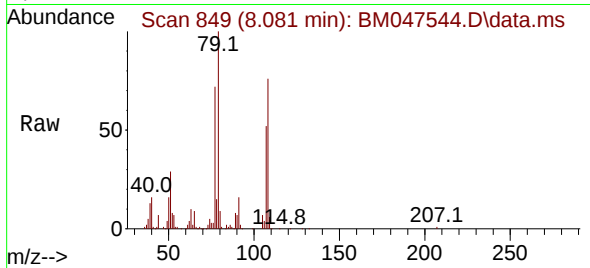




#15
Benzyl Alcohol
Concen: 7.225 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

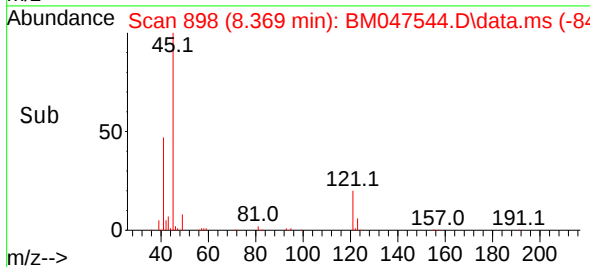
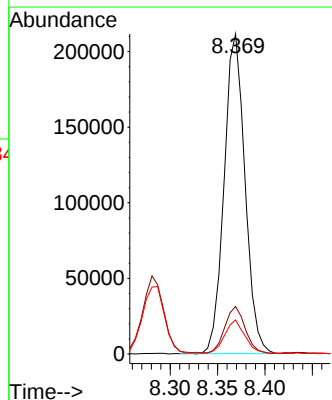
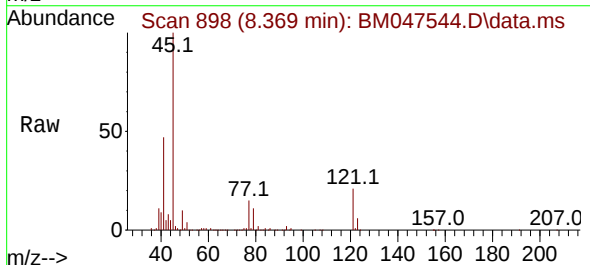
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

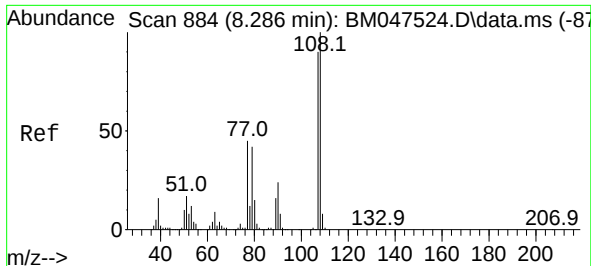
Tgt Ion: 79 Resp: 172313
Ion Ratio Lower Upper
79 100
108 76.1 60.6 91.0
77 71.6 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.146 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 45 Resp: 324290
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.7
79 10.6 0.0 30.3

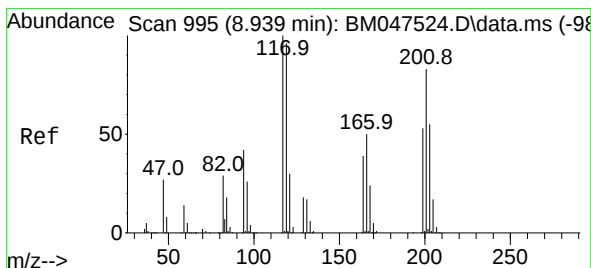
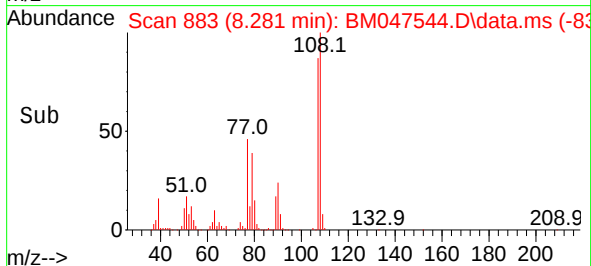
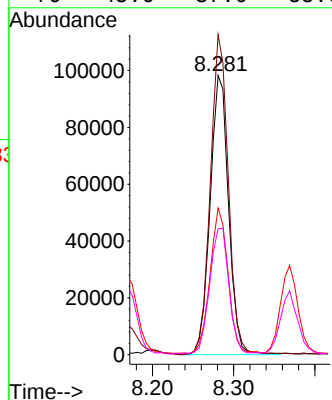
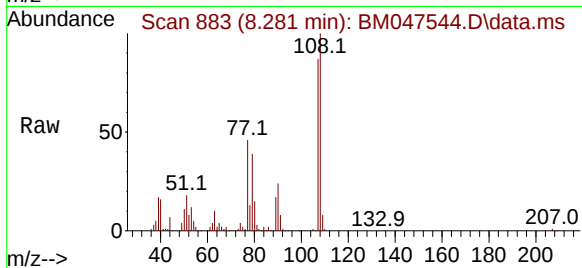




#17
2-Methylphenol
Concen: 6.870 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

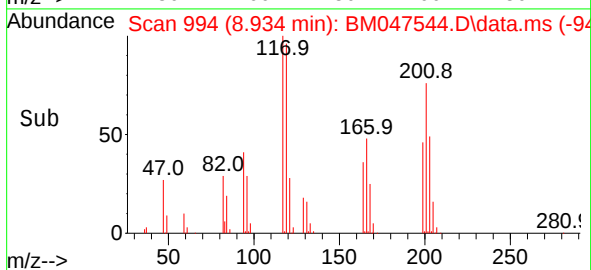
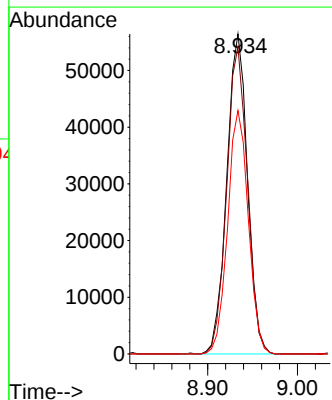
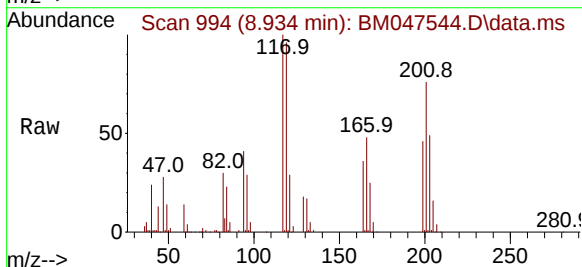
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

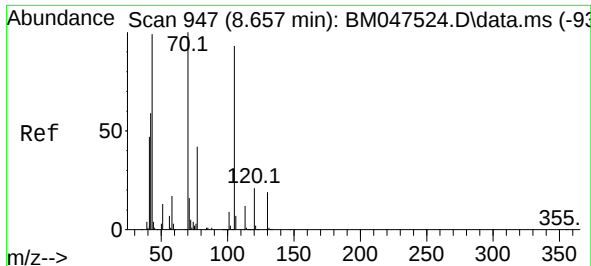
Tgt Ion:	107	Resp:	154727
Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.9	133.3
77	52.5	39.8	59.8
79	45.0	37.0	55.6



#18
Hexachloroethane
Concen: 7.383 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:	117	Resp:	90621
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
201	76.0	66.8	100.2





#19

n-Nitroso-di-n-propylamine

Concen: 7.246 ng

RT: 8.651 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM047544.D

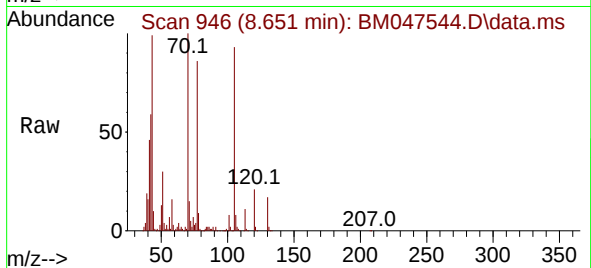
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 70 Resp: 171994

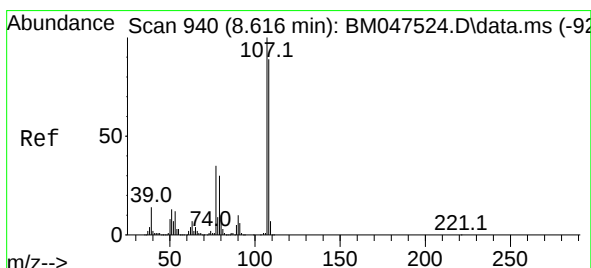
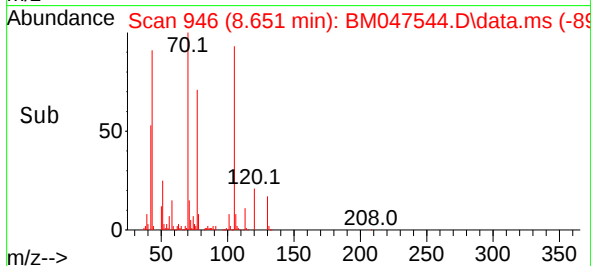
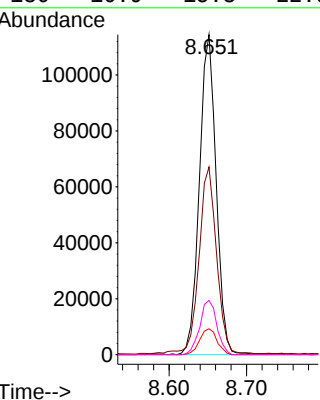
Ion	Ratio	Lower	Upper
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70	100		
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42	58.6	48.2	72.2
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101	8.1	7.0	10.4
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130	16.9	15.3	22.9
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#20

3+4-Methylphenols

Concen: 6.484 ng

RT: 8.604 min Scan# 938

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion: 107 Resp: 203762

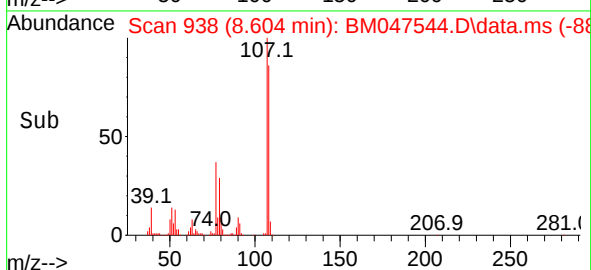
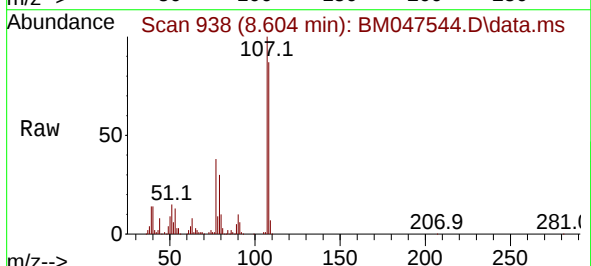
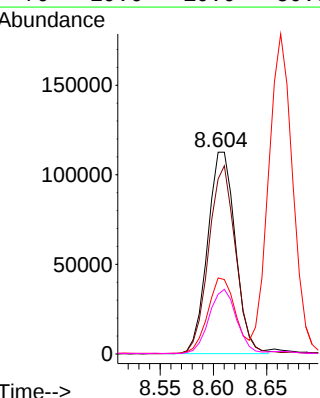
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

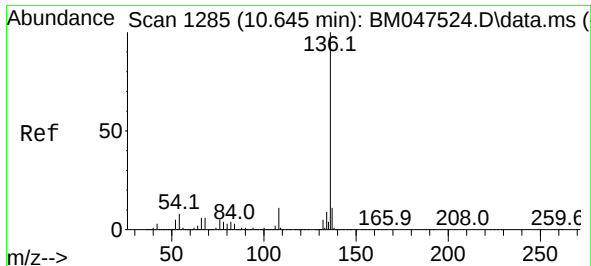
107	100		
-----	-----	--	--

108	86.8	68.9	108.9
-----	------	------	-------

77	37.7	15.5	55.5
----	------	------	------

79	29.6	10.0	50.0
----	------	------	------



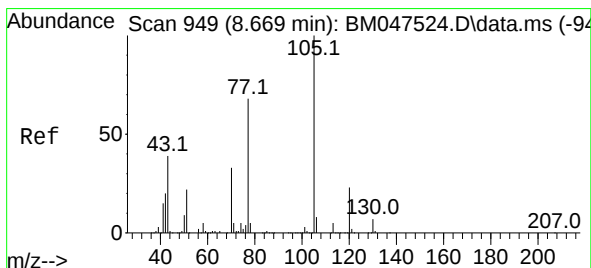
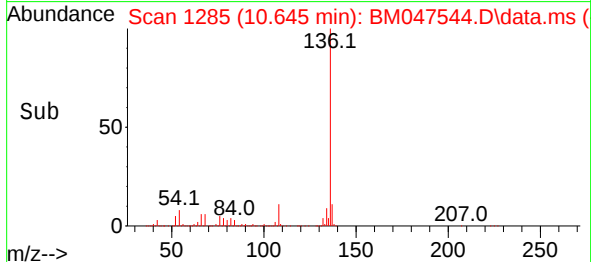
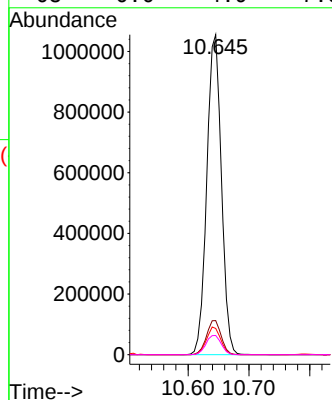
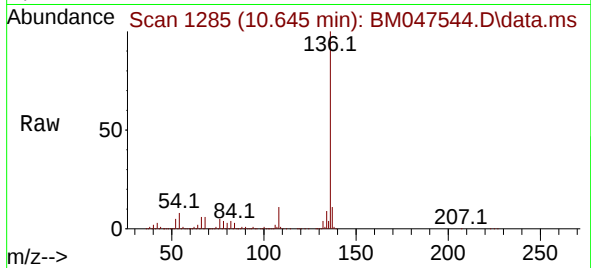


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

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

Tgt Ion:136 Resp: 1755772

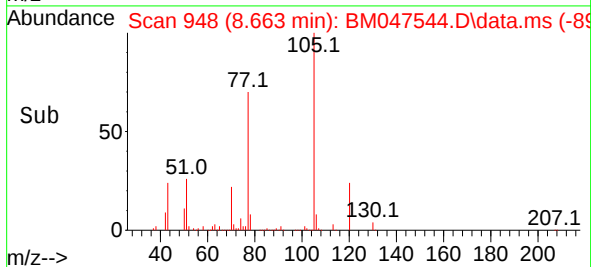
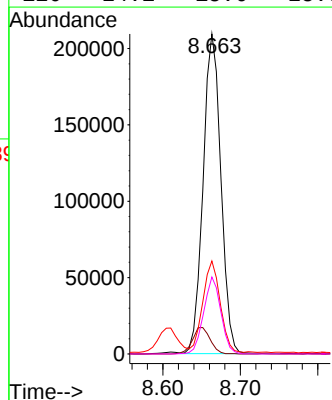
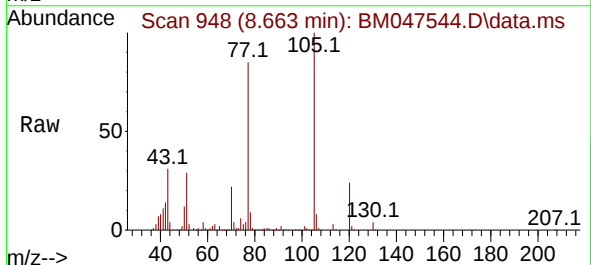
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	8.2	6.6	9.8
68	6.0	4.9	7.3

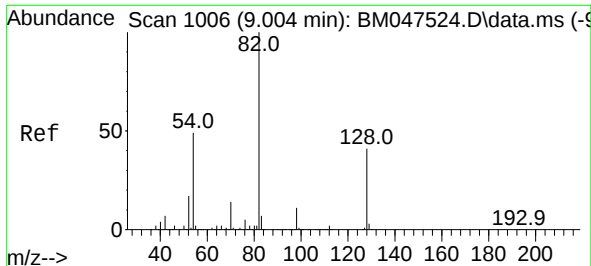


#22
Acetophenone
Concen: 7.232 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:105 Resp: 333846

Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.3	6.5#
51	29.0	21.5	32.3
120	24.1	18.6	28.0





#23

Nitrobenzene-d5

Concen: 64.430 ng

RT: 8.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

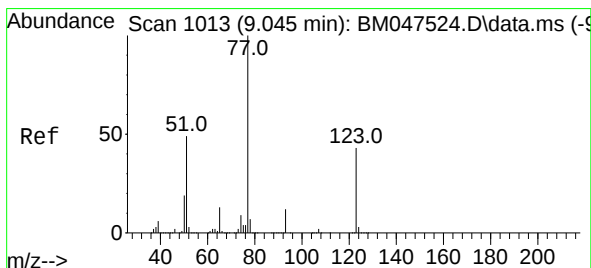
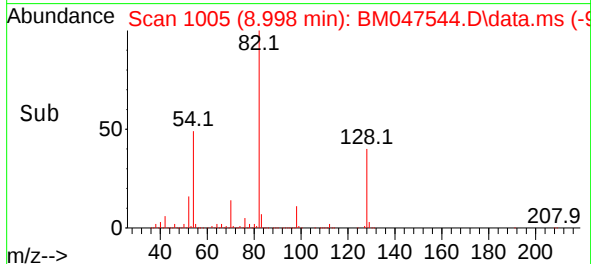
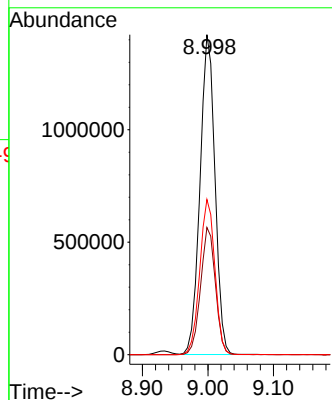
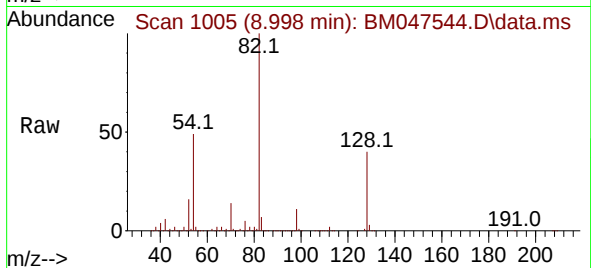
Tgt Ion: 82 Resp: 2260396

Ion Ratio Lower Upper

82 100

128 39.7 33.0 49.4

54 48.5 39.3 58.9



#24

Nitrobenzene

Concen: 7.280 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

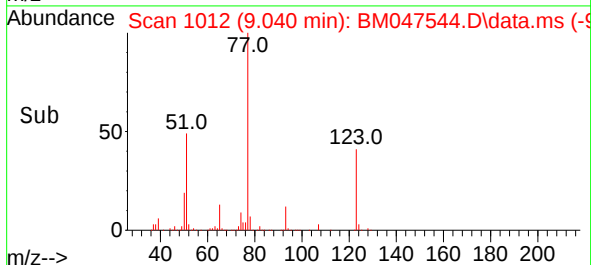
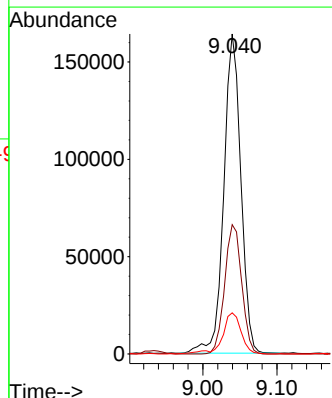
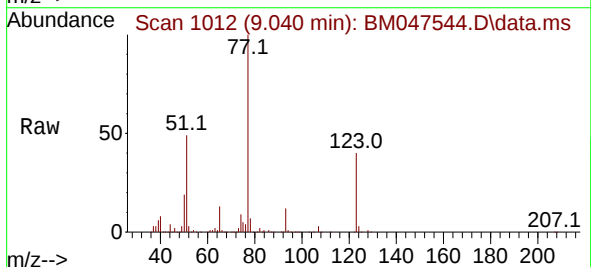
Tgt Ion: 77 Resp: 262461

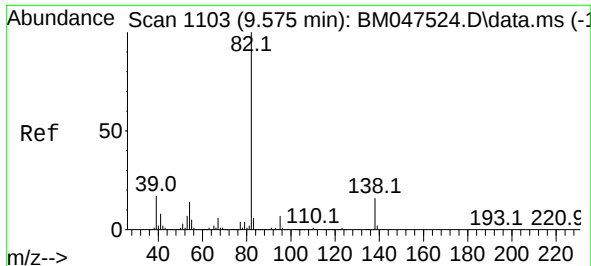
Ion Ratio Lower Upper

77 100

123 40.4 34.5 51.7

65 12.8 10.7 16.1

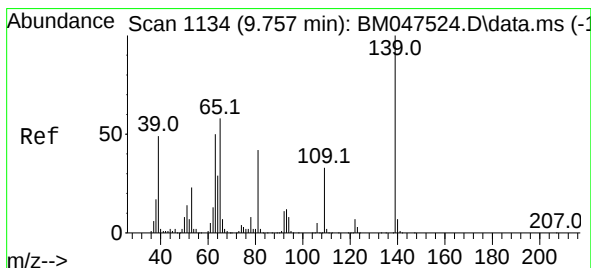
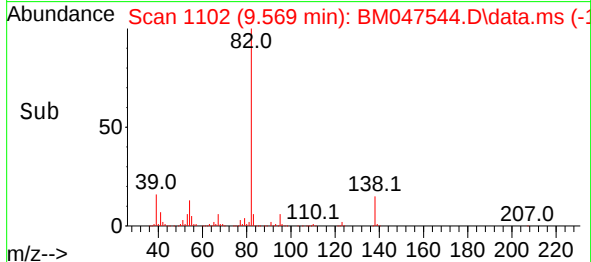
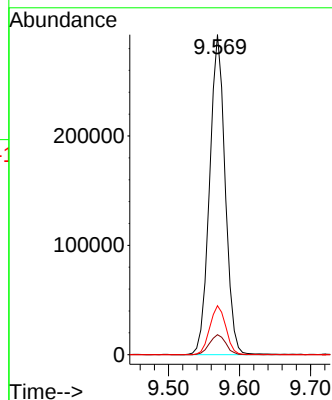
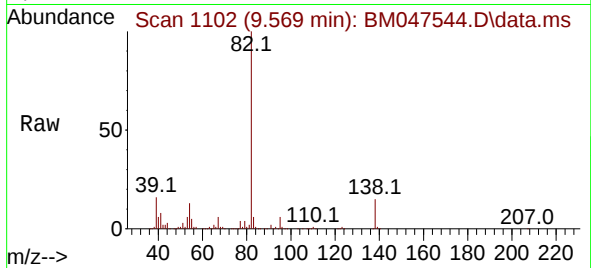




#25
Isophorone
Concen: 7.245 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

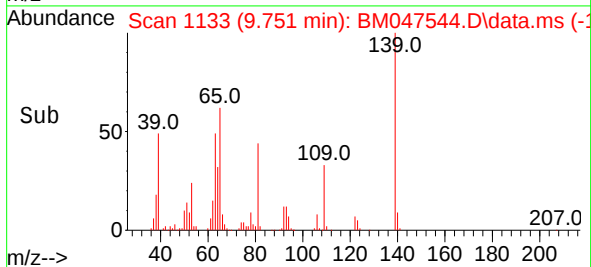
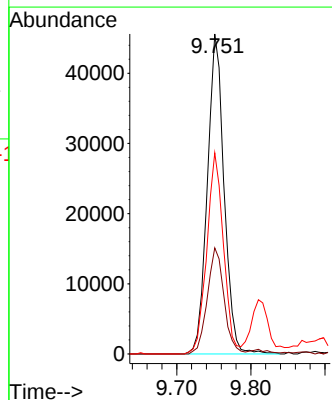
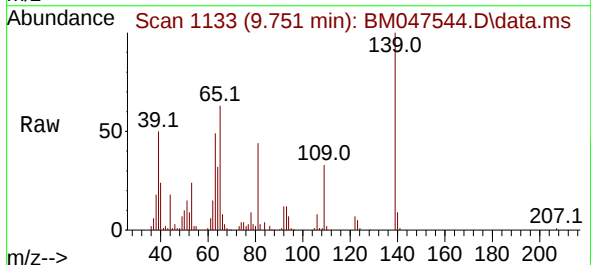
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

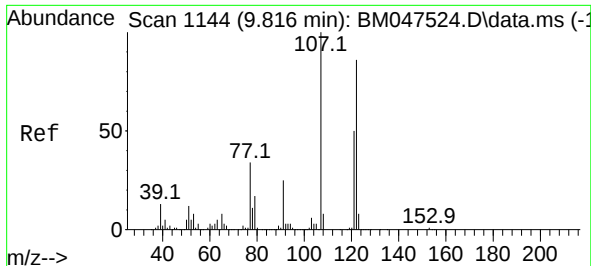
Tgt Ion: 82 Resp: 446878
Ion Ratio Lower Upper
82 100
95 6.2 5.4 8.0
138 15.3 12.9 19.3



#26
2-Nitrophenol
Concen: 5.832 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:139 Resp: 71648
Ion Ratio Lower Upper
139 100
109 33.2 26.0 39.0
65 62.8 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 5.256 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

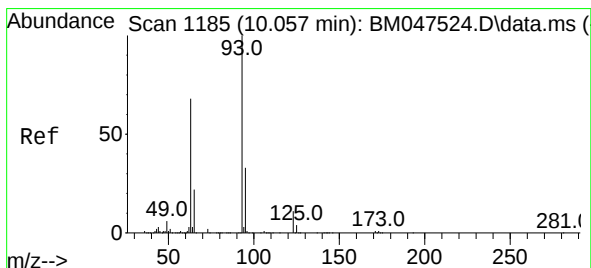
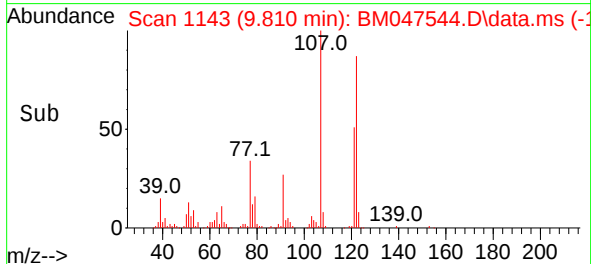
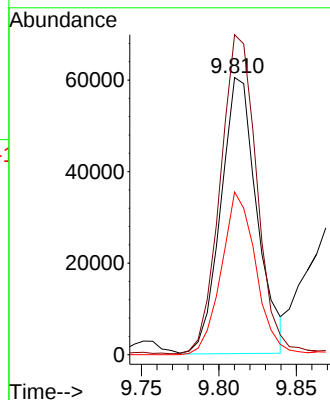
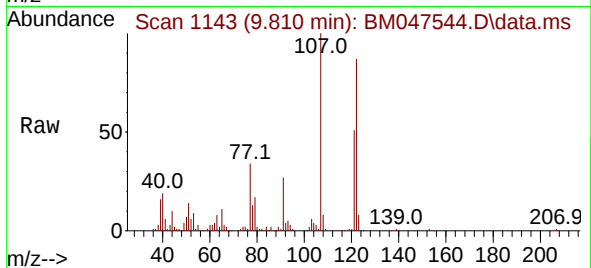
Tgt Ion:122 Resp: 97887

Ion Ratio Lower Upper

122 100

107 115.4 92.4 138.6

121 58.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 7.121 ng

RT: 10.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

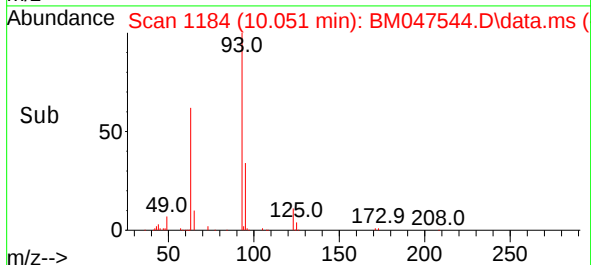
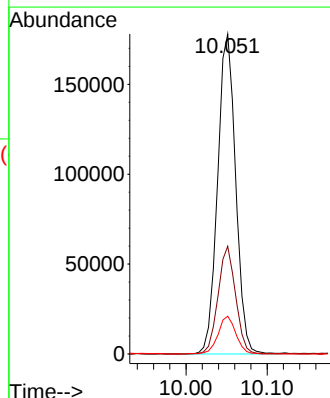
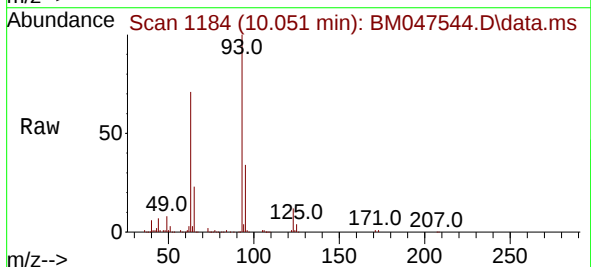
Tgt Ion: 93 Resp: 275892

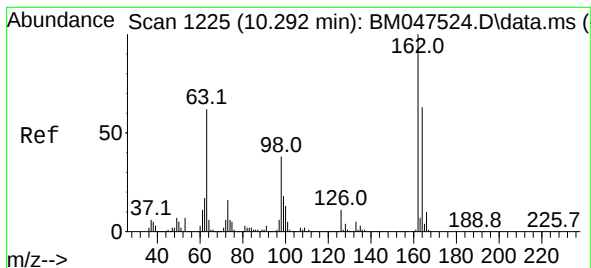
Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 6.461 ng

RT: 10.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

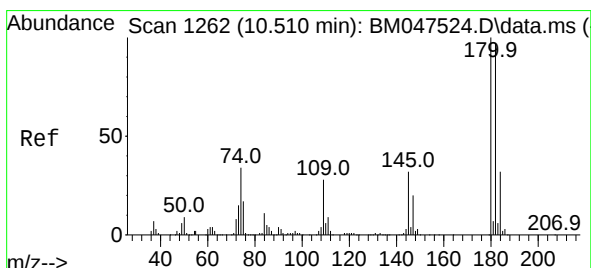
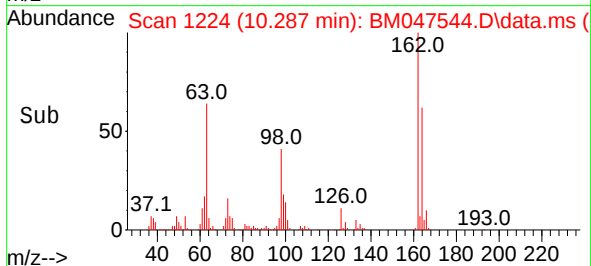
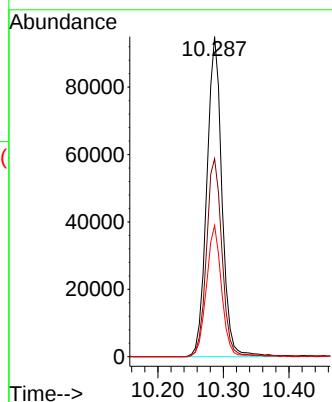
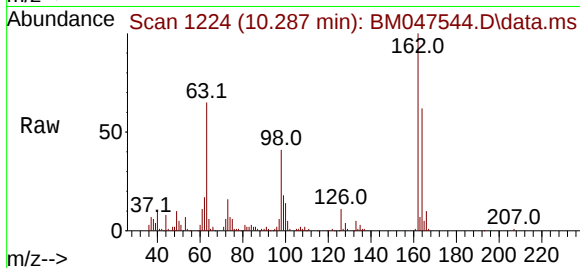
Tgt Ion:162 Resp: 152871

Ion Ratio Lower Upper

162 100

164 61.9 43.5 83.5

98 41.0 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 6.457 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

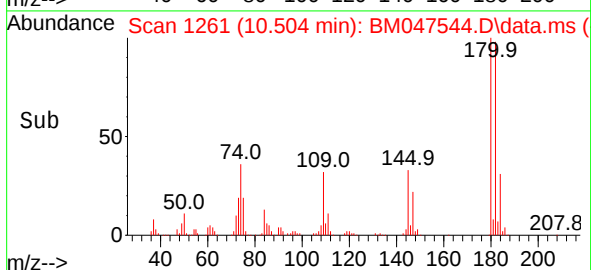
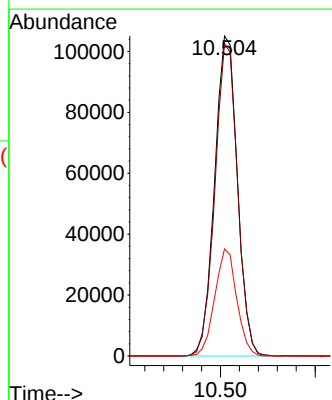
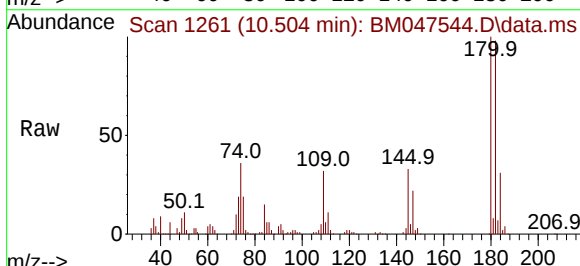
Tgt Ion:180 Resp: 175003

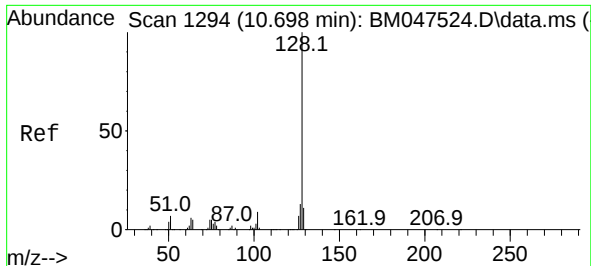
Ion Ratio Lower Upper

180 100

182 97.7 77.6 116.4

145 33.4 25.4 38.0

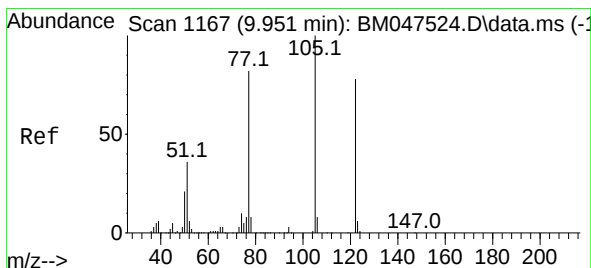
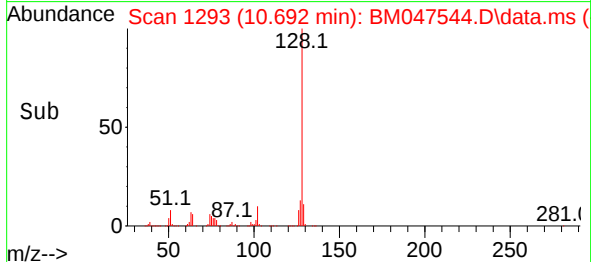
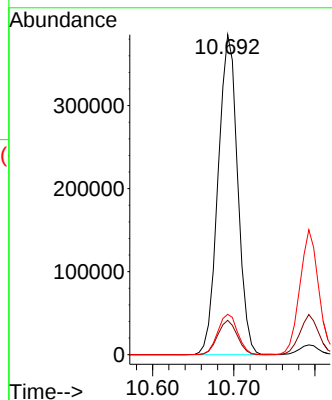
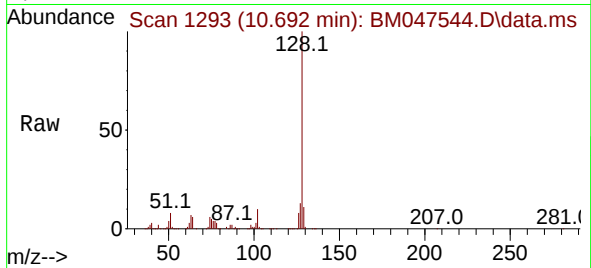




#31
Naphthalene
Concen: 6.797 ng
RT: 10.692 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

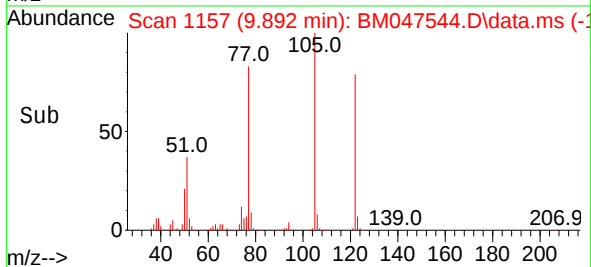
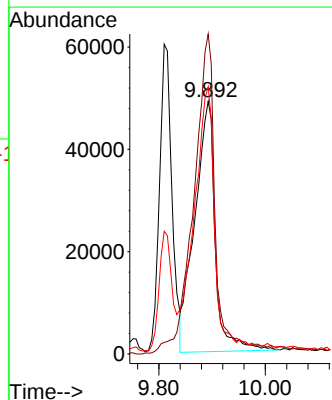
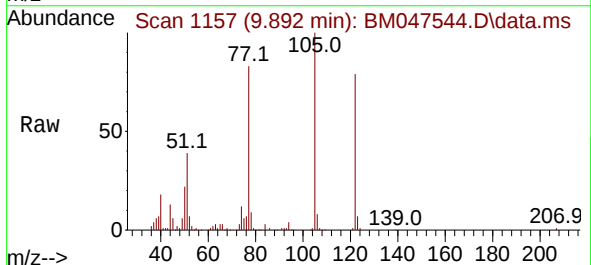
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

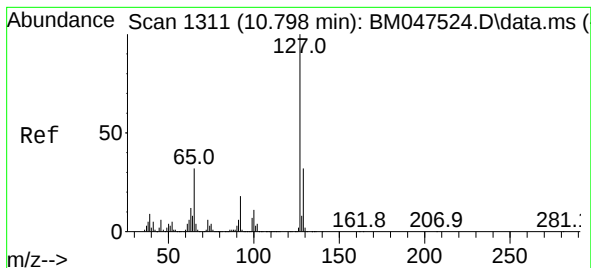
Tgt Ion:128 Resp: 644522
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.5 15.7



#32
Benzoic acid
Concen: 12.807 ng
RT: 9.892 min Scan# 1157
Delta R.T. -0.059 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:122 Resp: 130300
Ion Ratio Lower Upper
122 100
105 126.7 104.7 144.7
77 105.8 83.4 123.4





#33

4-Chloroaniline

Concen: 7.178 ng

RT: 10.792 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:127 Resp: 246093

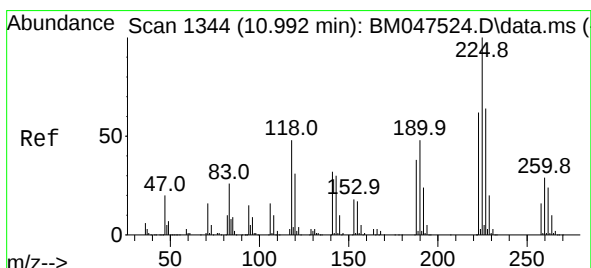
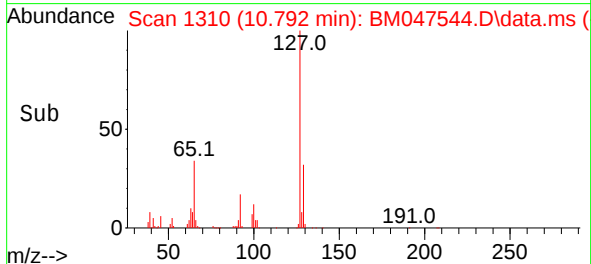
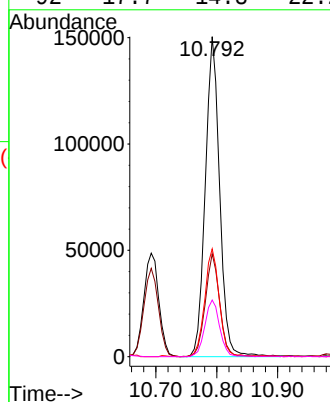
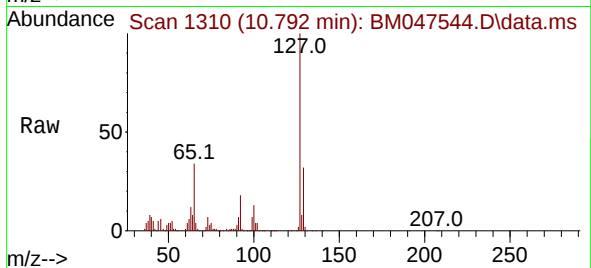
Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.0

65 33.7 25.5 38.3

92 17.7 14.8 22.2



#34

Hexachlorobutadiene

Concen: 6.373 ng

RT: 10.986 min Scan# 1343

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

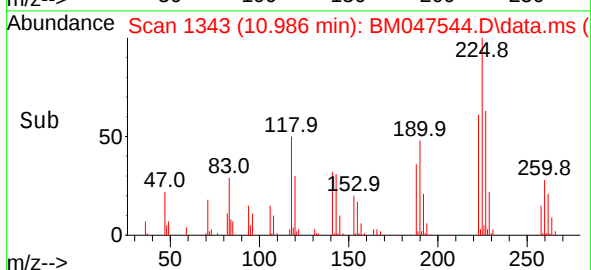
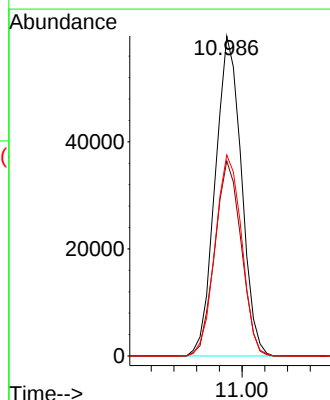
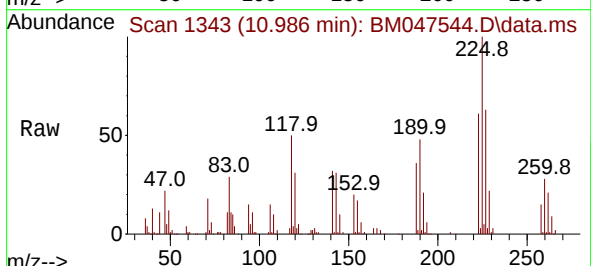
Tgt Ion:225 Resp: 95664

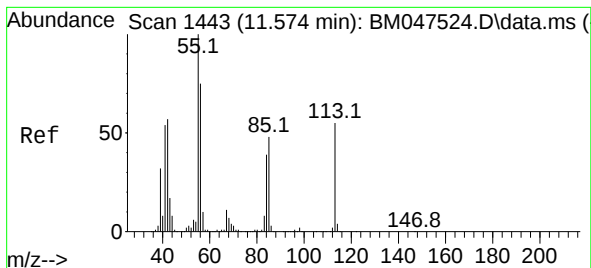
Ion Ratio Lower Upper

225 100

223 60.9 49.8 74.6

227 62.8 51.0 76.4





#35

Caprolactam

Concen: 6.289 ng

RT: 11.545 min Scan# 1443

Delta R.T. -0.029 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

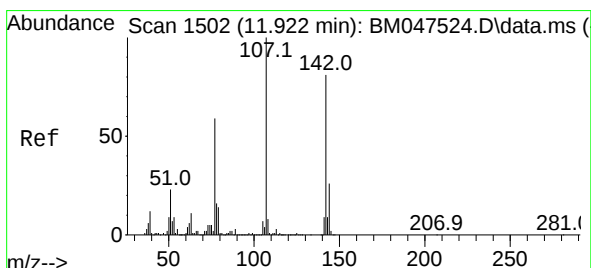
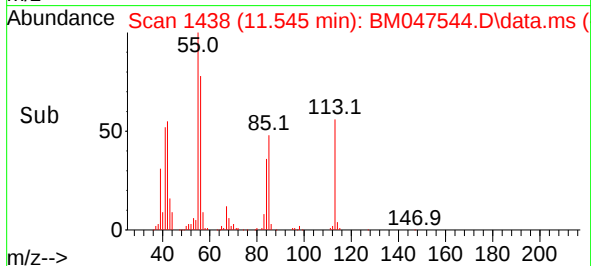
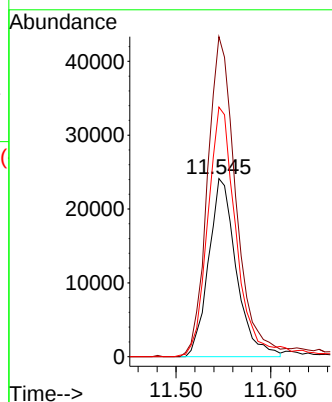
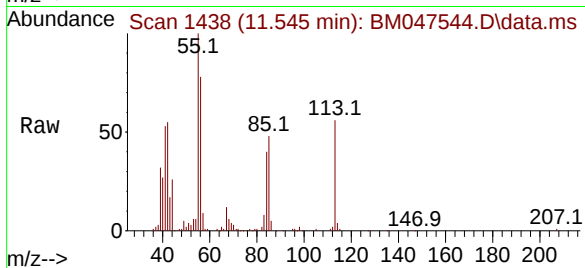
Tgt Ion:113 Resp: 49011

Ion Ratio Lower Upper

113 100

55 179.7 162.5 202.5

56 140.1 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 6.352 ng

RT: 11.916 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

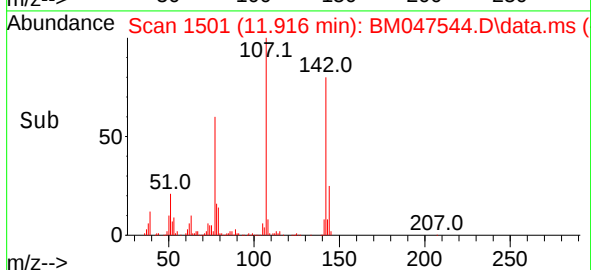
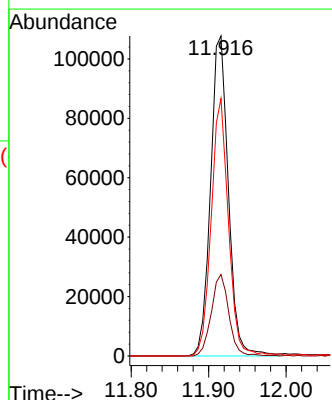
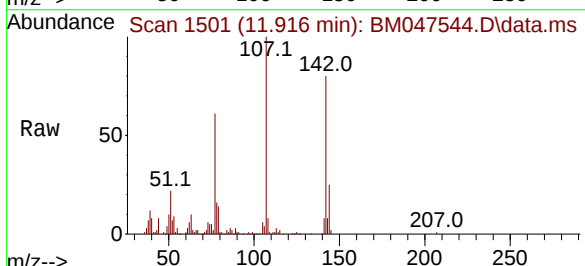
Tgt Ion:107 Resp: 172221

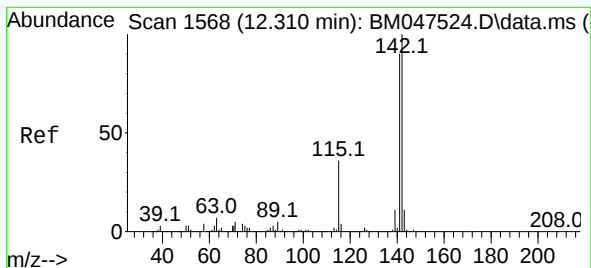
Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

142 80.4 65.0 97.4





#37

2-Methylnaphthalene

Concen: 6.514 ng

RT: 12.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

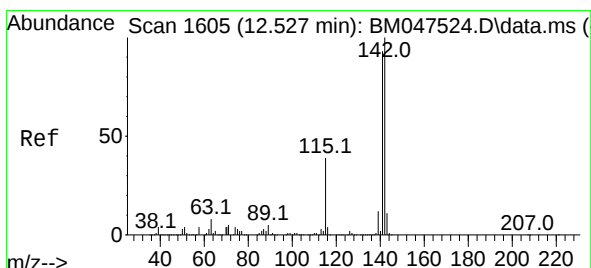
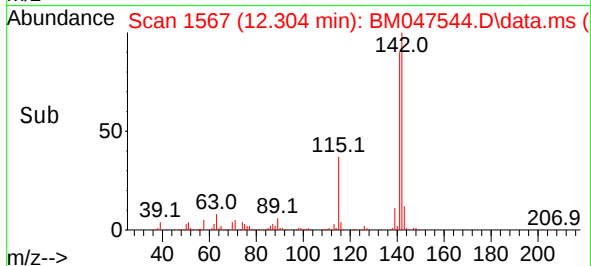
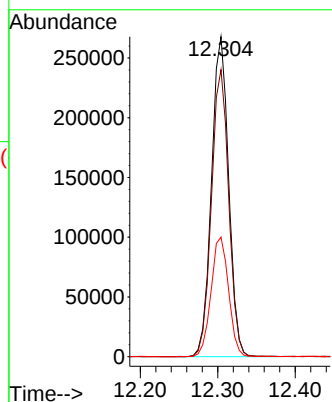
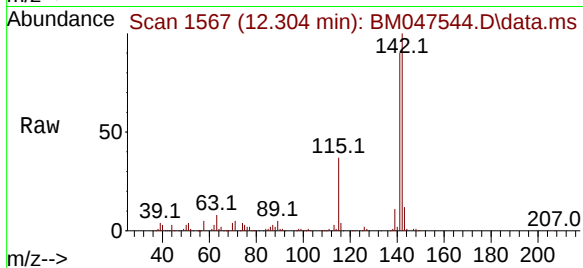
Tgt Ion:142 Resp: 411112

Ion Ratio Lower Upper

142 100

141 89.7 72.2 108.4

115 37.4 29.1 43.7



#38

1-Methylnaphthalene

Concen: 6.133 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

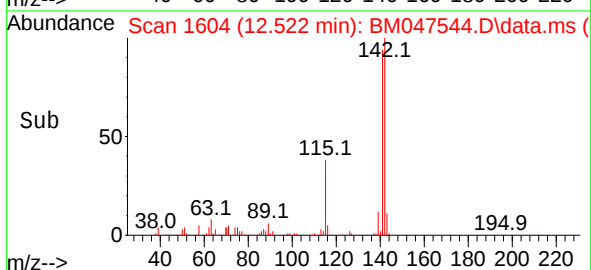
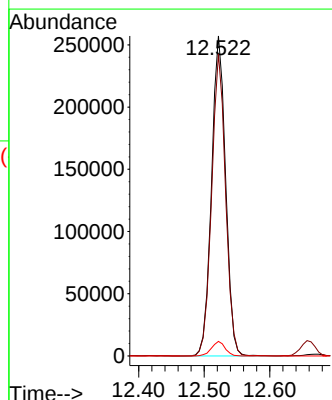
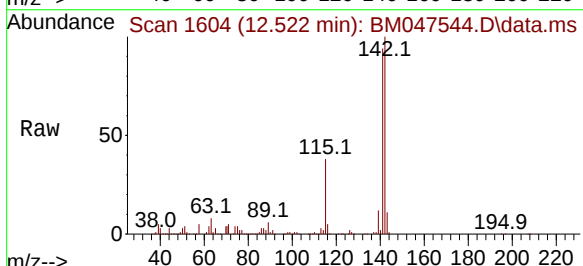
Tgt Ion:142 Resp: 384644

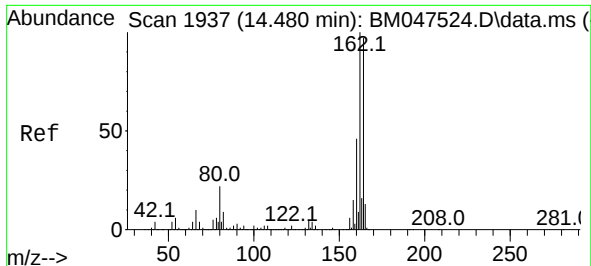
Ion Ratio Lower Upper

142 100

141 94.4 74.7 112.1

116 4.5 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: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

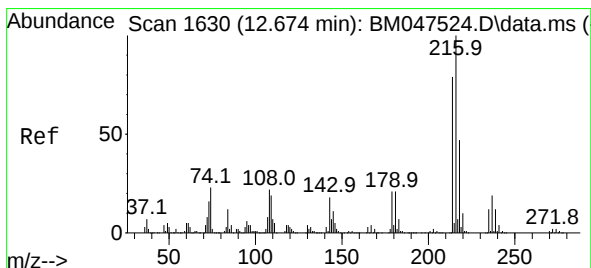
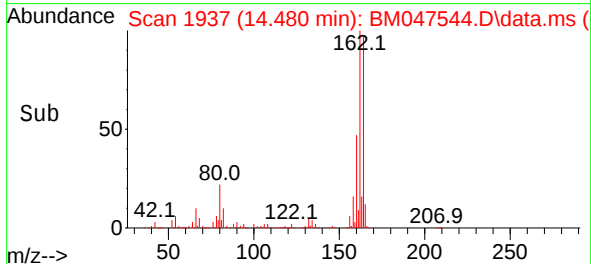
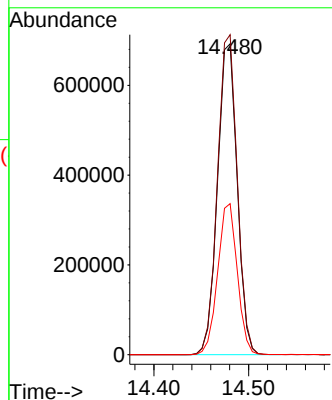
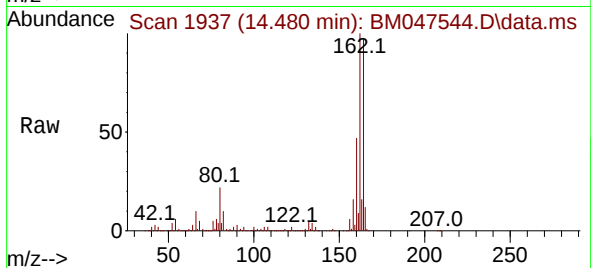
Tgt Ion:164 Resp: 1002924

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 48.6 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.605 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:216 Resp: 179262

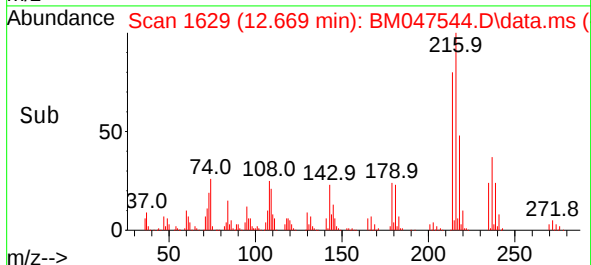
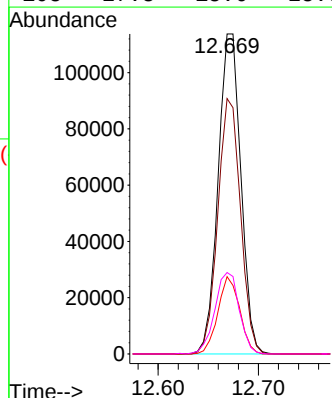
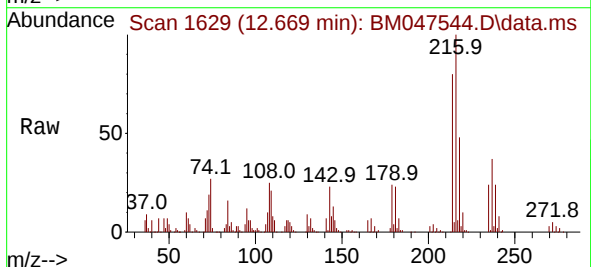
Ion Ratio Lower Upper

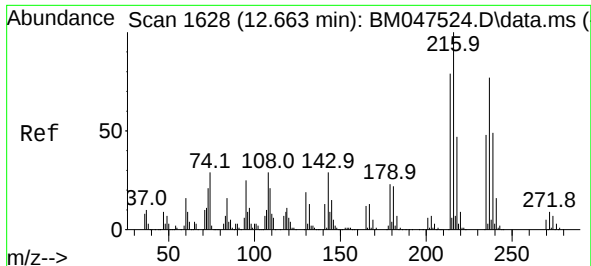
216 100

214 79.5 63.0 94.6

179 23.1 17.5 26.3

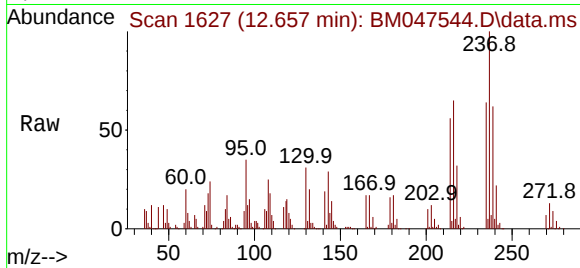
108 27.3 18.6 28.0



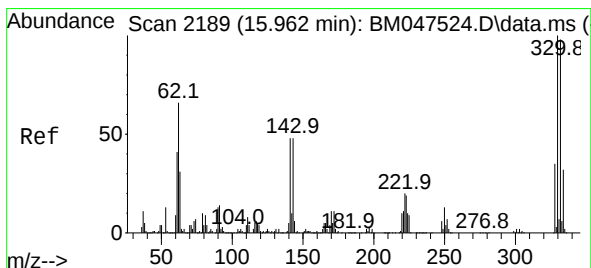
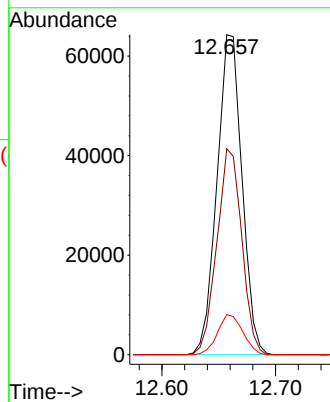
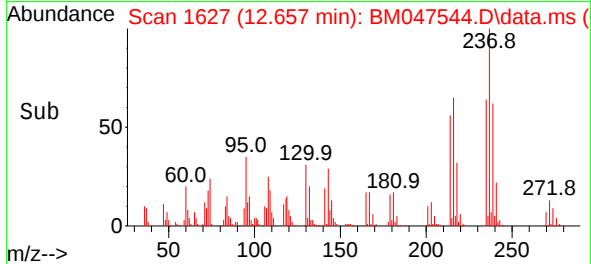


#41
Hexachlorocyclopentadiene
Concen: 11.103 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

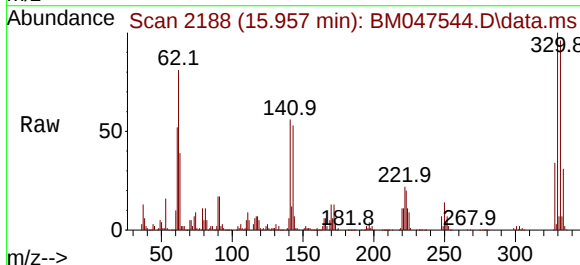
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



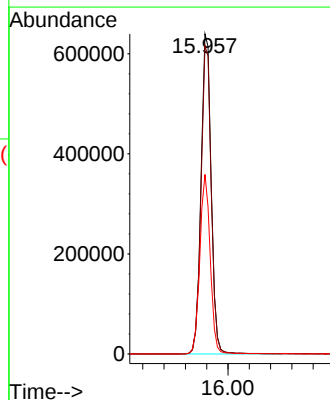
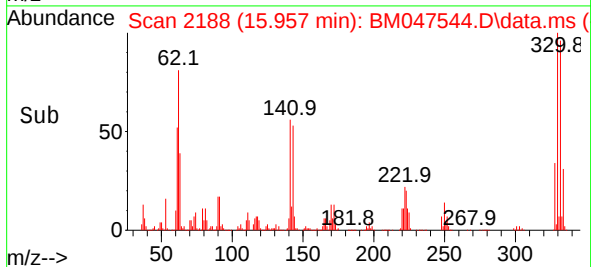
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.0	82.0
272	12.6	0.0	31.5

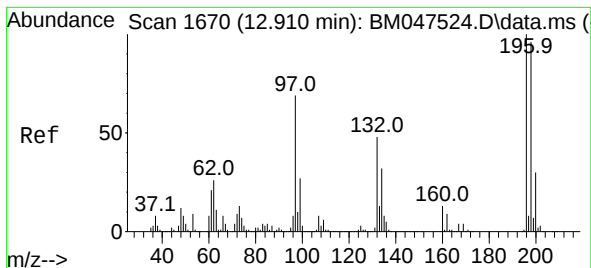


#42
2,4,6-Tribromophenol
Concen: 87.648 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08



Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	57.0	42.2	63.2





#43

2,4,6-Trichlorophenol

Concen: 6.000 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

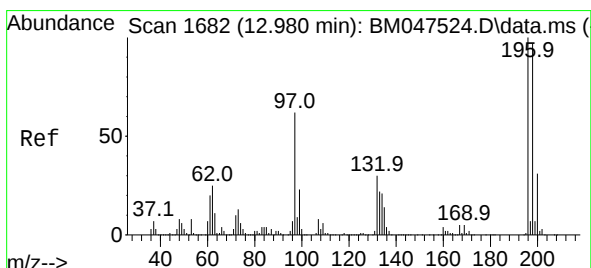
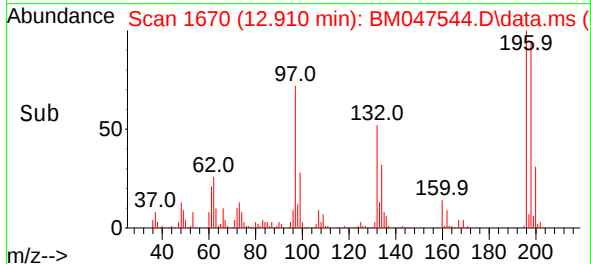
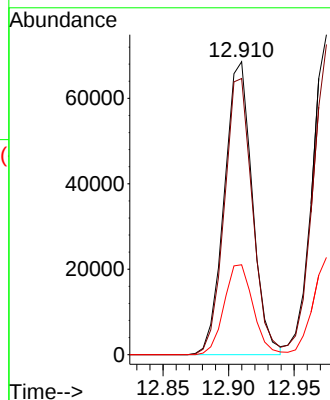
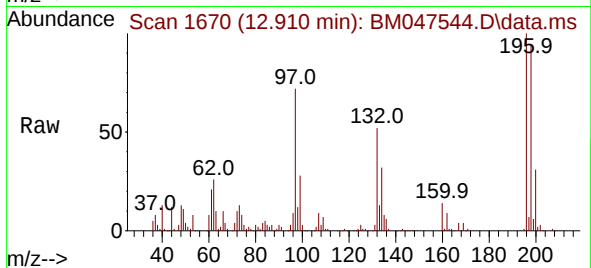
Tgt Ion:196 Resp: 102020

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 6.075 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:196 Resp: 116670

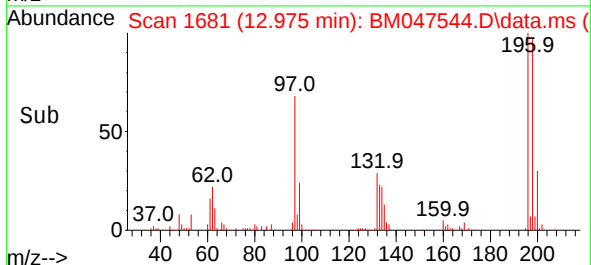
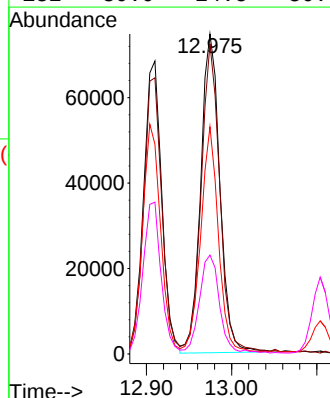
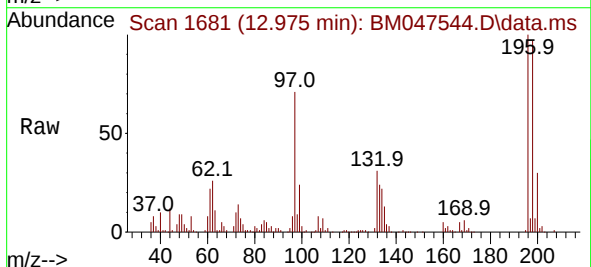
Ion Ratio Lower Upper

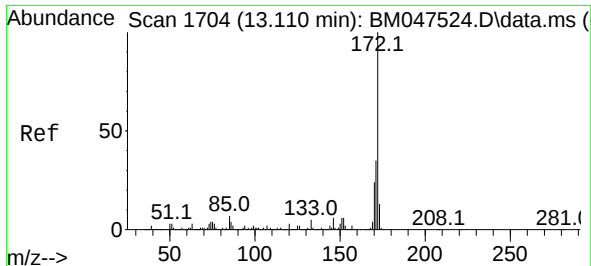
196 100

198 96.9 77.4 116.2

97 71.0 49.8 74.8

132 30.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 62.362 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047544.D

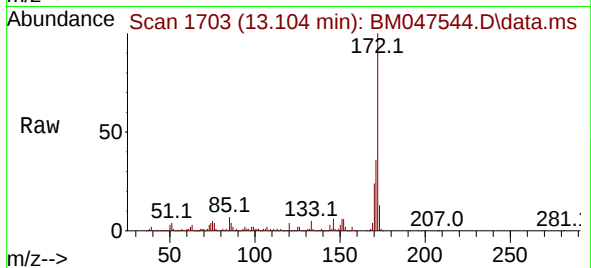
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

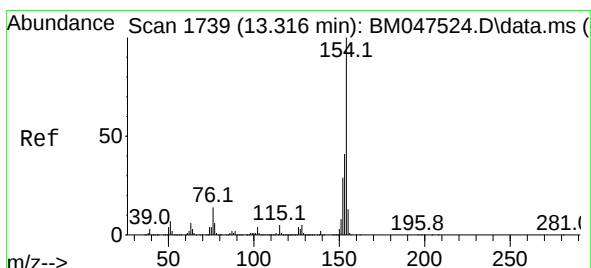
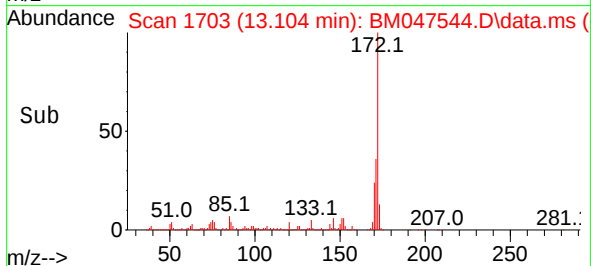
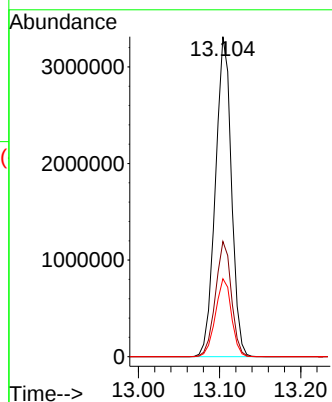
ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:172 Resp: 4540346

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.4	19.4	29.0



#46

1,1'-Biphenyl

Concen: 6.955 ng

RT: 13.316 min Scan# 1739

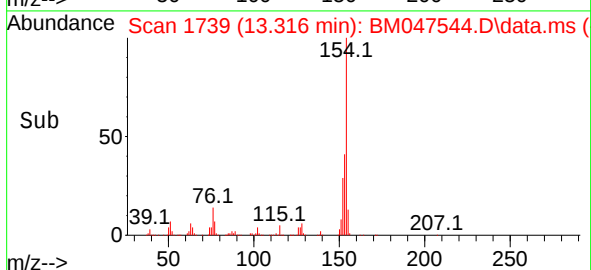
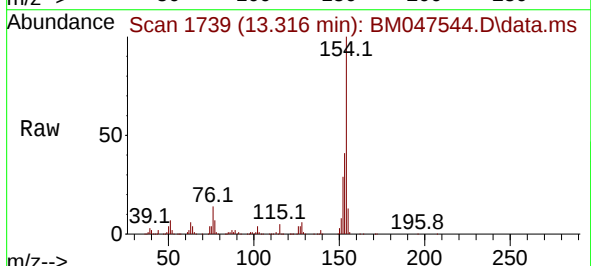
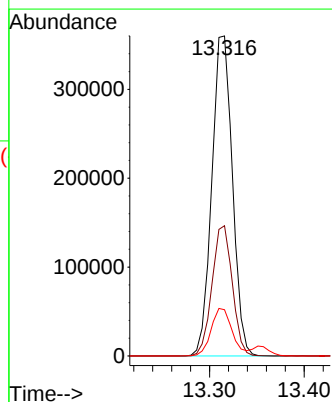
Delta R.T. 0.000 min

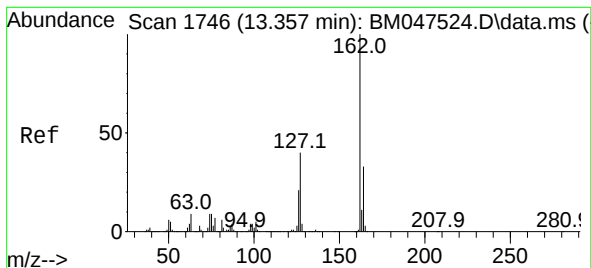
Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:154 Resp: 542743

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	14.4	0.0	33.9





#47

2-Chloronaphthalene

Concen: 6.607 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

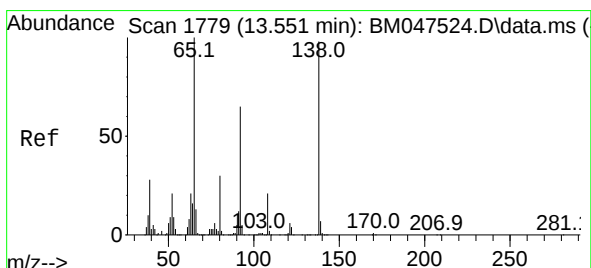
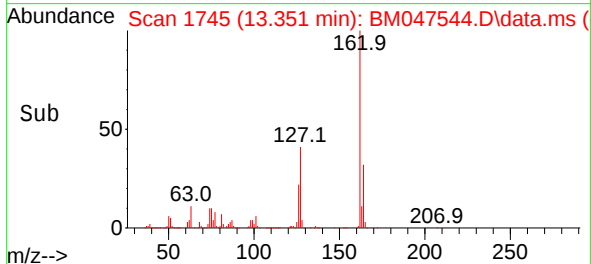
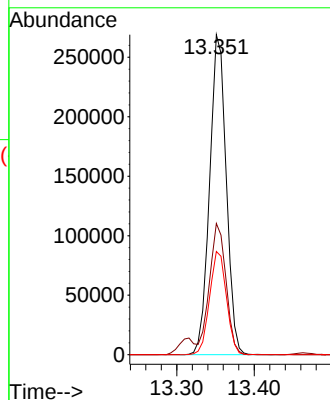
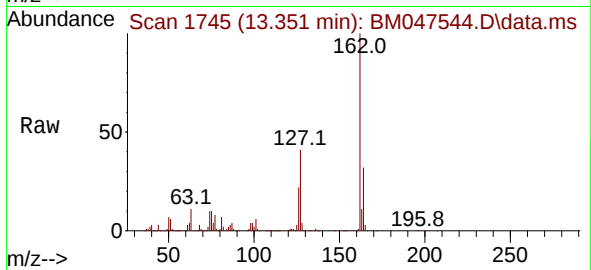
Tgt Ion:162 Resp: 400311

Ion Ratio Lower Upper

162 100

127 41.0 32.2 48.4

164 32.2 26.3 39.5



#48

2-Nitroaniline

Concen: 6.348 ng

RT: 13.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

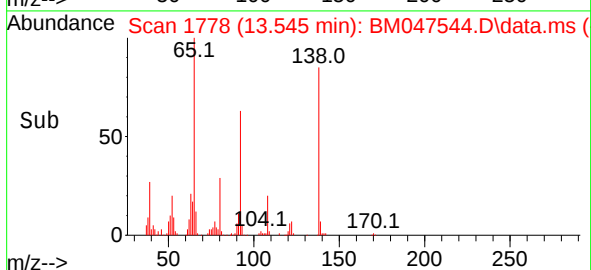
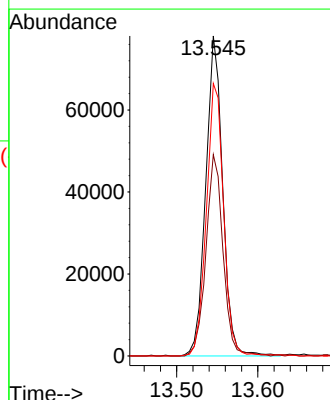
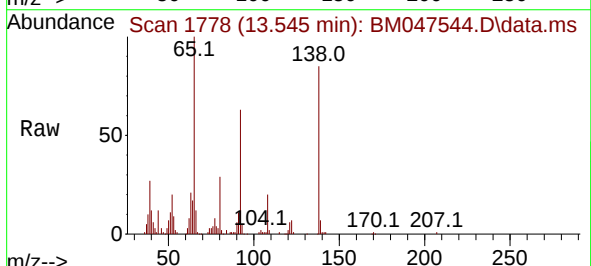
Tgt Ion: 65 Resp: 112965

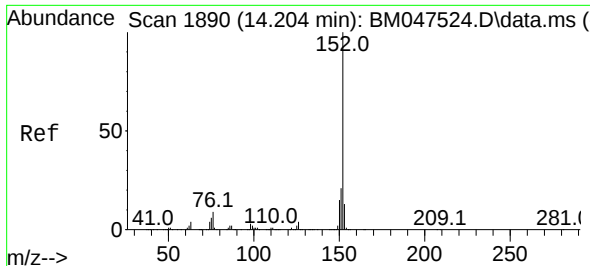
Ion Ratio Lower Upper

65 100

92 62.9 51.9 77.9

138 85.1 78.5 117.7

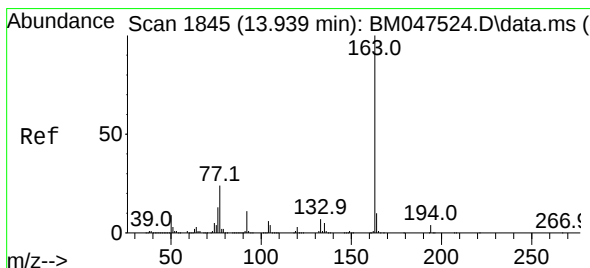
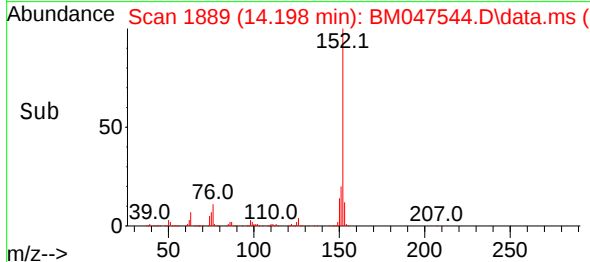
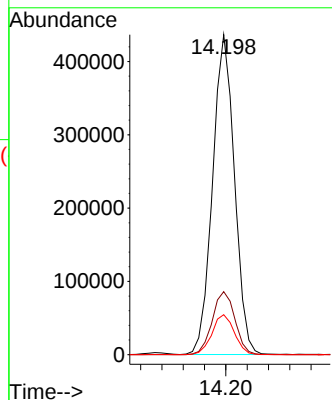
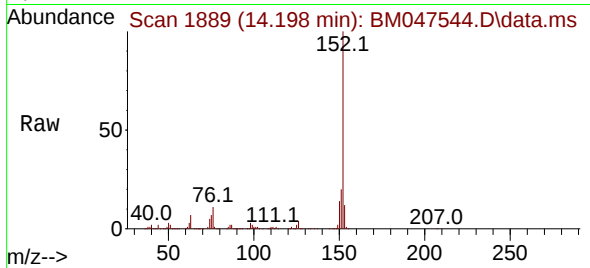




#49
Acenaphthylene
Concen: 7.106 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

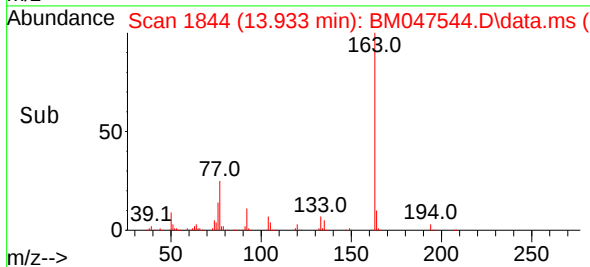
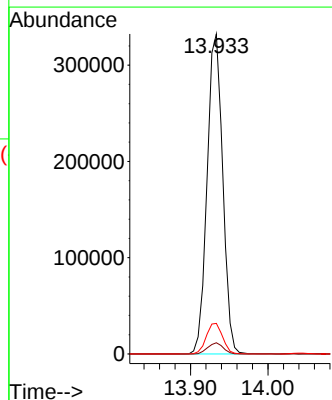
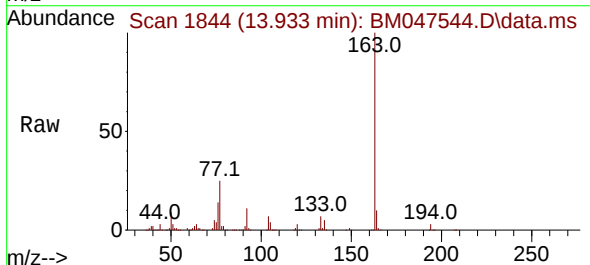
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

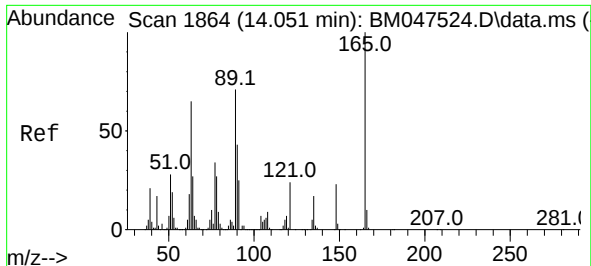
Tgt Ion:152 Resp: 621288
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7
153 12.5 10.4 15.6



#50
Dimethylphthalate
Concen: 6.801 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:163 Resp: 464874
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.5 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 6.062 ng

RT: 14.039 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

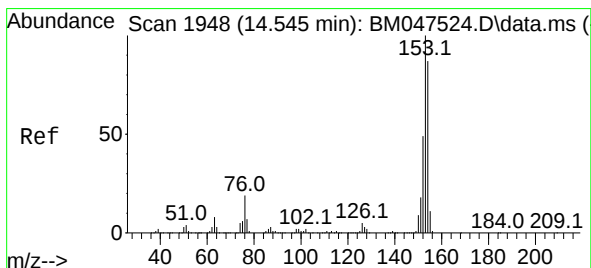
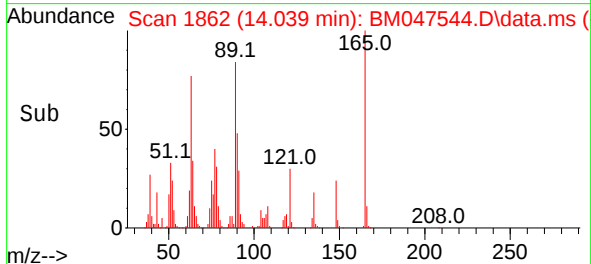
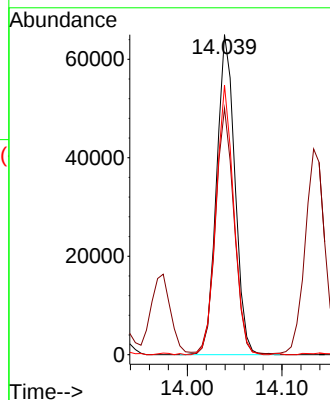
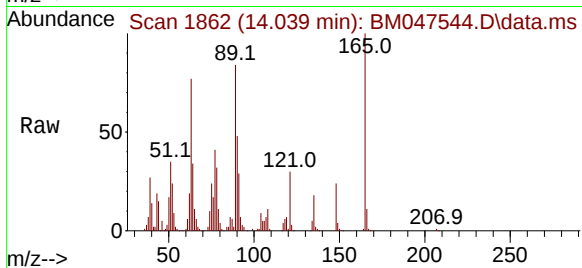
Tgt Ion:165 Resp: 87473

Ion Ratio Lower Upper

165 100

63 77.0 54.2 81.2

89 84.3 56.4 84.6



#52

Acenaphthene

Concen: 6.363 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

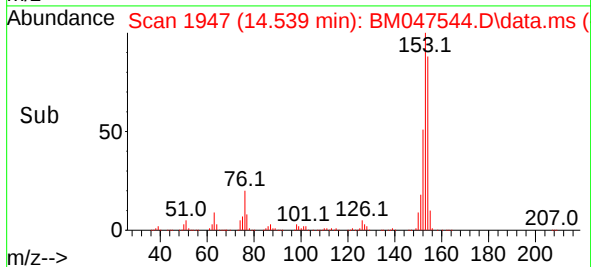
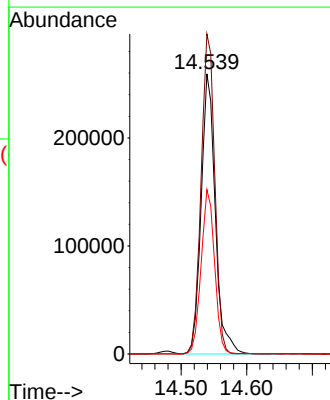
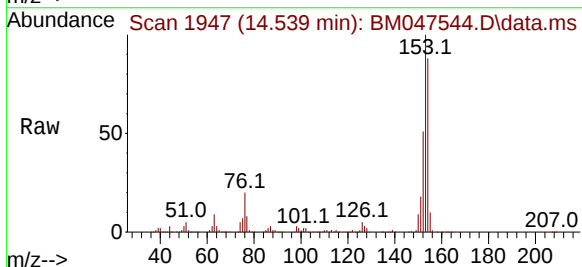
Tgt Ion:154 Resp: 389839

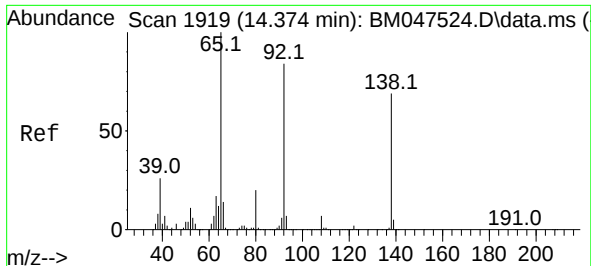
Ion Ratio Lower Upper

154 100

153 114.2 92.2 138.2

152 58.6 45.4 68.0





#53

3-Nitroaniline

Concen: 6.314 ng

RT: 14.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

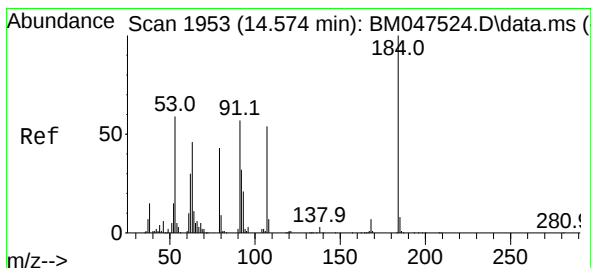
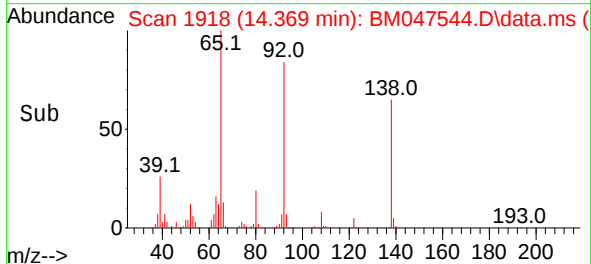
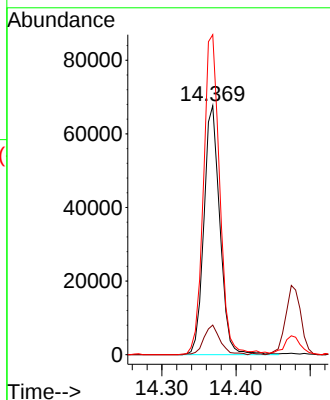
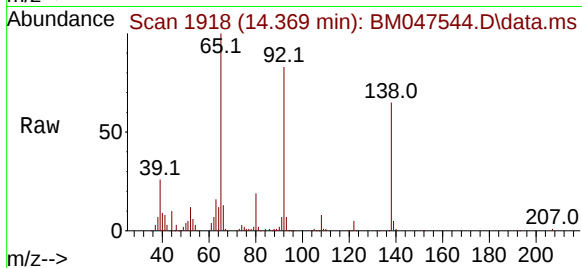
Tgt Ion:138 Resp: 101279

Ion Ratio Lower Upper

138 100

108 11.9 8.0 12.0

92 128.6 97.4 146.0



#54

2,4-Dinitrophenol

Concen: 8.153 ng

RT: 14.569 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

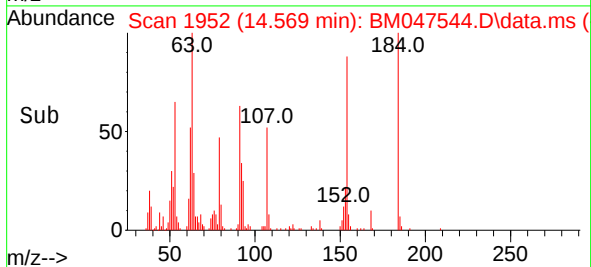
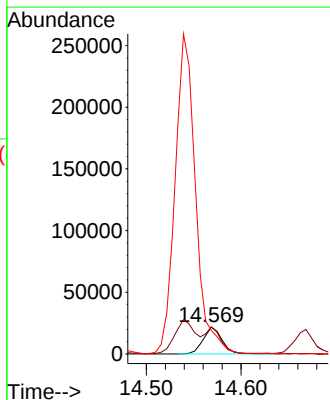
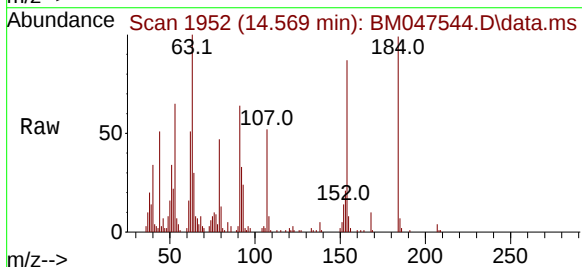
Tgt Ion:184 Resp: 30296

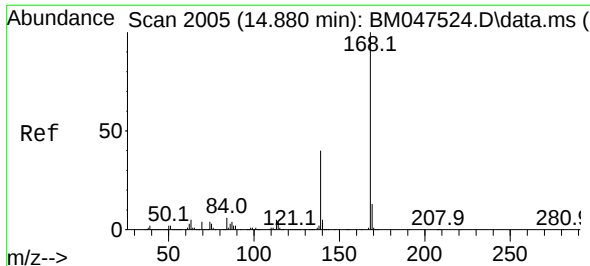
Ion Ratio Lower Upper

184 100

63 101.1 69.4 104.0

154 88.0 60.4 90.6





#55

Dibenzenofuran

Concen: 6.707 ng

RT: 14.874 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

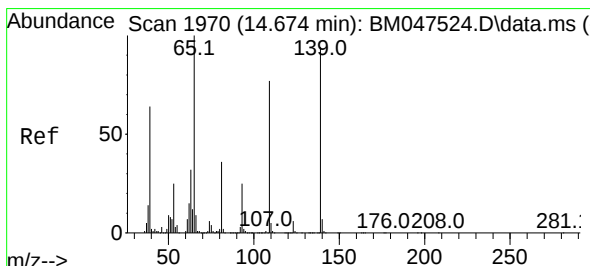
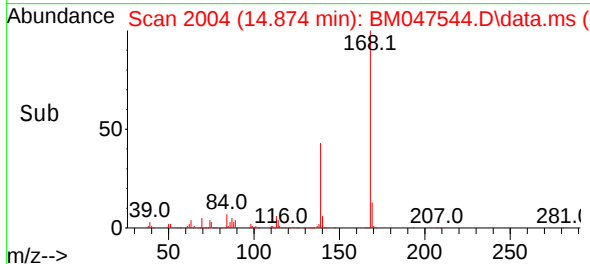
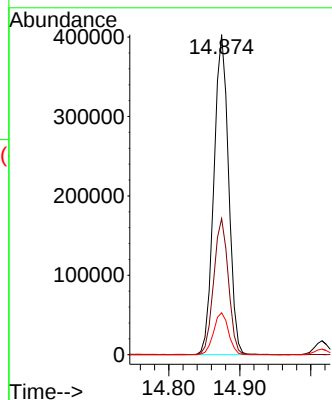
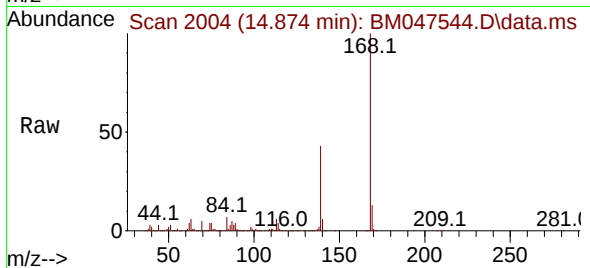
Tgt Ion:168 Resp: 577369

Ion Ratio Lower Upper

168 100

139 42.5 31.9 47.9

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 6.020 ng

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

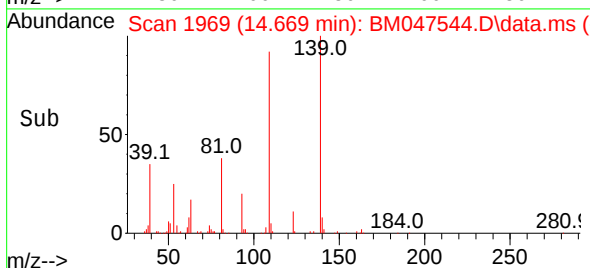
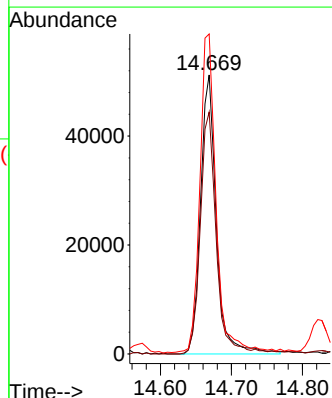
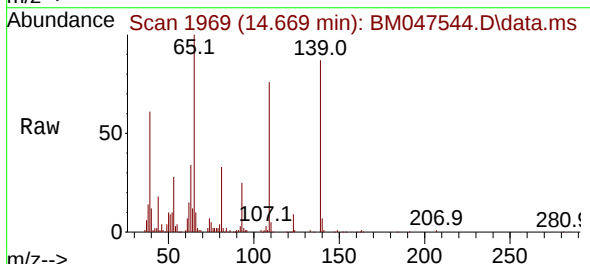
Tgt Ion:139 Resp: 79457

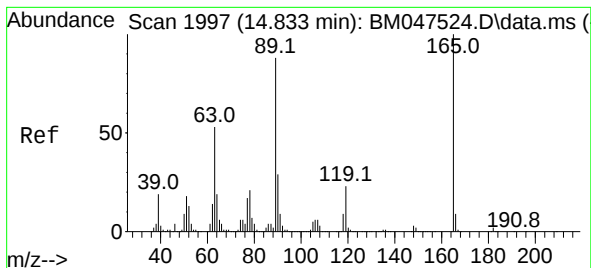
Ion Ratio Lower Upper

139 100

109 86.7 62.0 102.0

65 114.7 87.0 127.0





#57

2,4-Dinitrotoluene

Concen: 5.815 ng

RT: 14.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:165 Resp: 111913

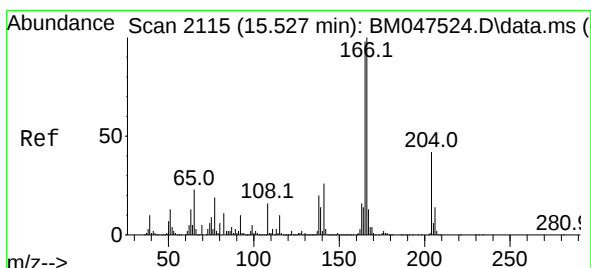
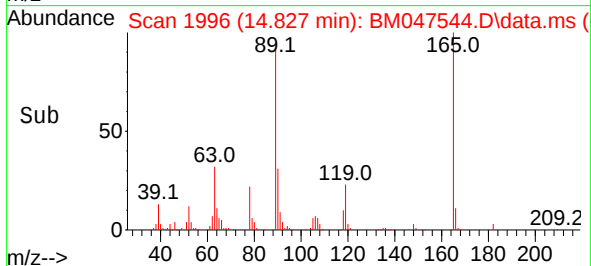
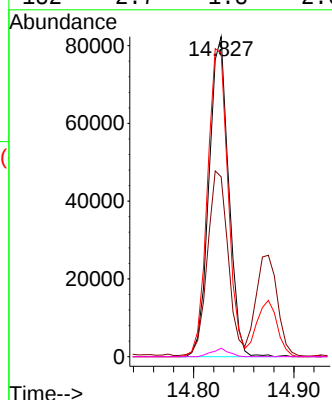
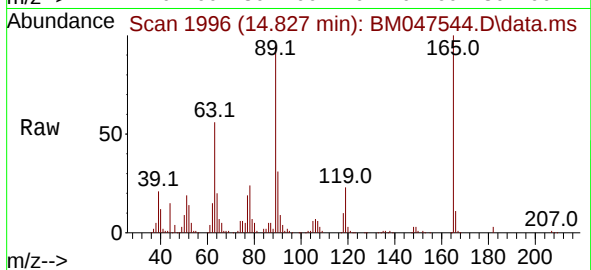
Ion Ratio Lower Upper

165 100

63 56.2 42.4 63.6

89 94.9 70.5 105.7

182 2.7 1.8 2.6#



#58

Fluorene

Concen: 6.080 ng

RT: 15.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

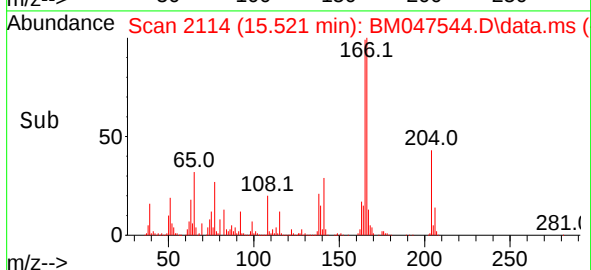
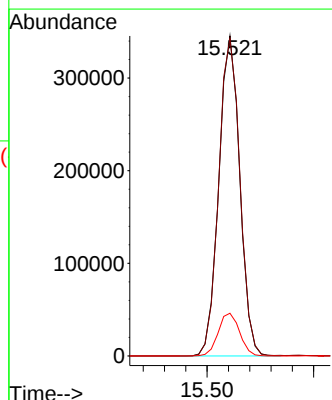
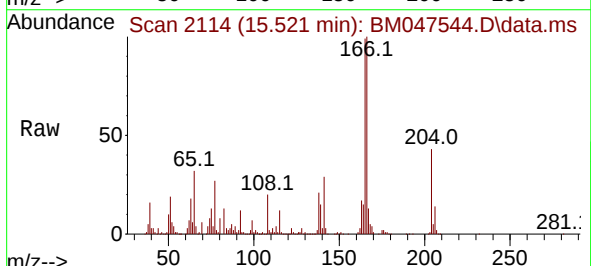
Tgt Ion:166 Resp: 471241

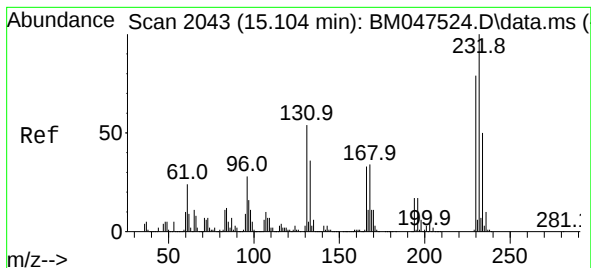
Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

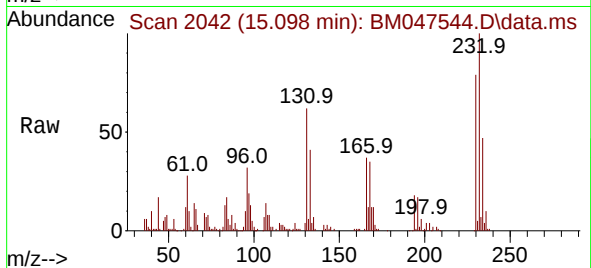
167 13.4 10.7 16.1



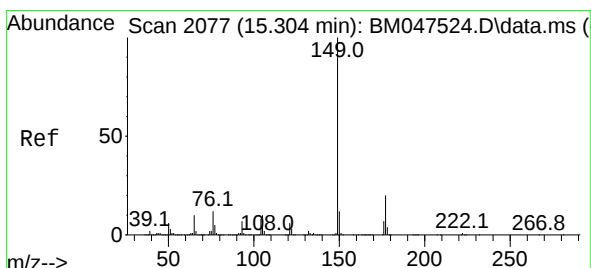
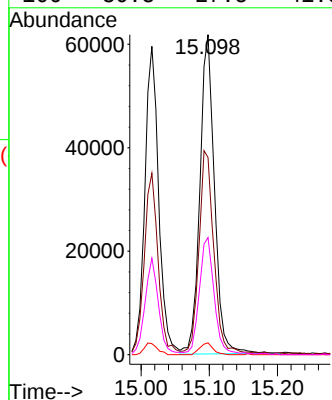
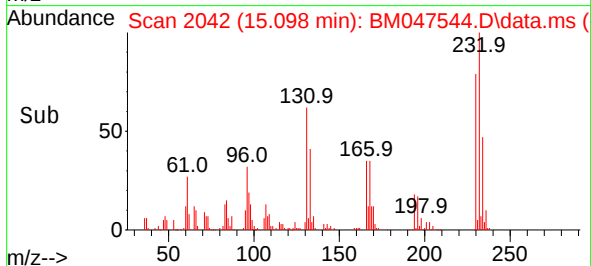


#59
2,3,4,6-Tetrachlorophenol
Concen: 6.145 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

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

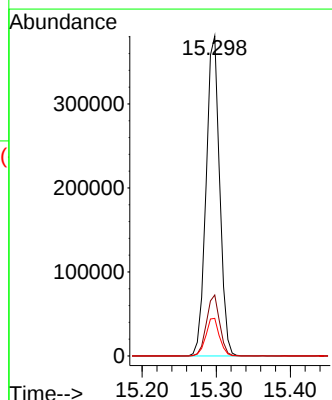
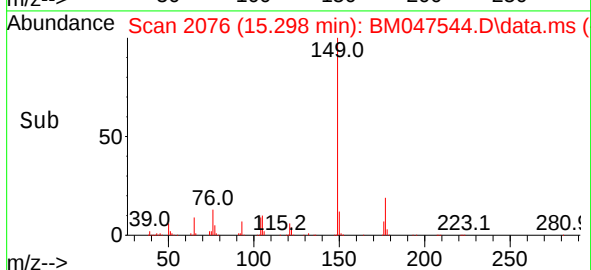
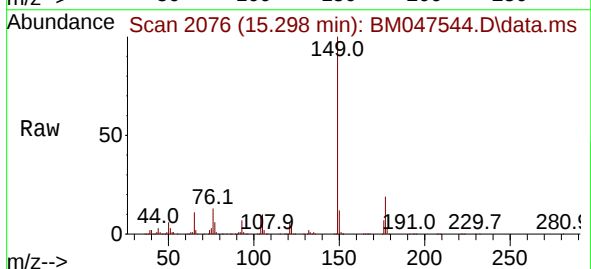


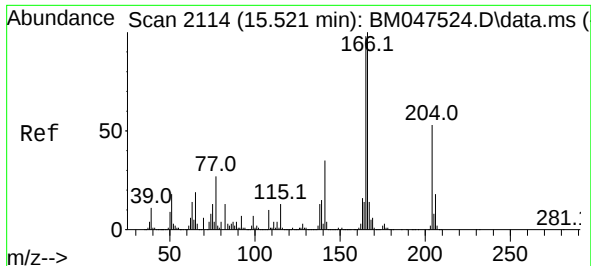
Tgt Ion:232 Resp: 92014
Ion Ratio Lower Upper
232 100
131 64.9 47.0 70.4
130 3.4 2.6 3.8
166 36.8 27.5 41.3



#60
Diethylphthalate
Concen: 6.624 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:149 Resp: 481899
Ion Ratio Lower Upper
149 100
177 19.0 15.8 23.8
150 11.8 9.7 14.5





#61

4-Chlorophenyl-phenylether

Concen: 5.846 ng

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

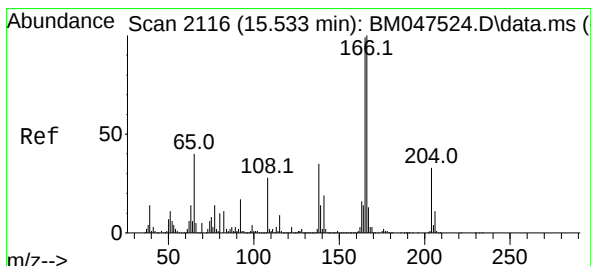
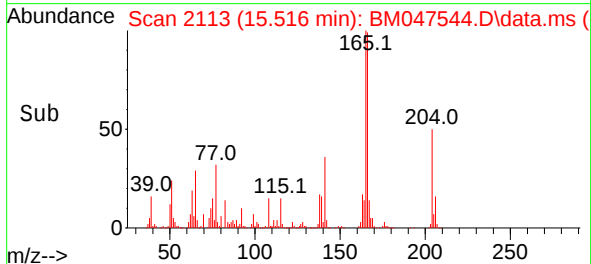
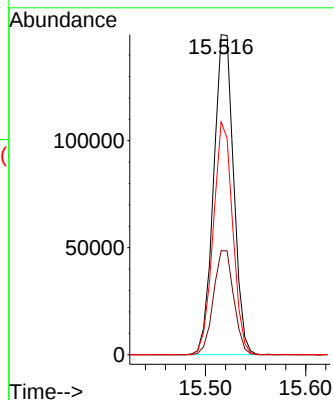
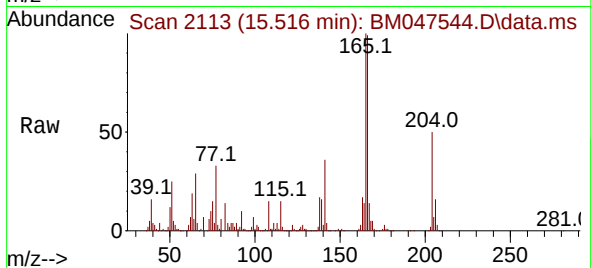
Tgt Ion:204 Resp: 207171

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

141 72.7 52.1 78.1



#62

4-Nitroaniline

Concen: 5.582 ng

RT: 15.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

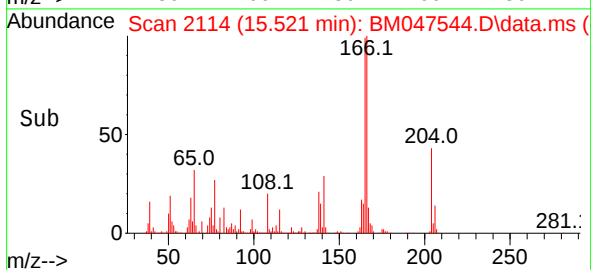
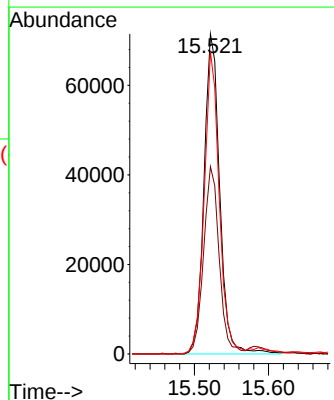
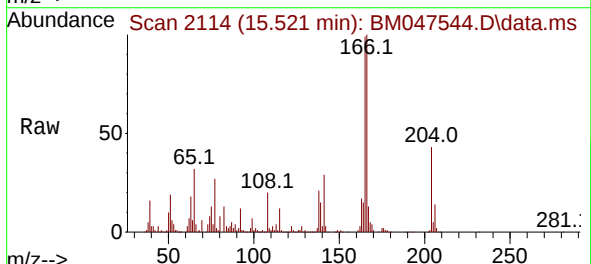
Tgt Ion:138 Resp: 105241

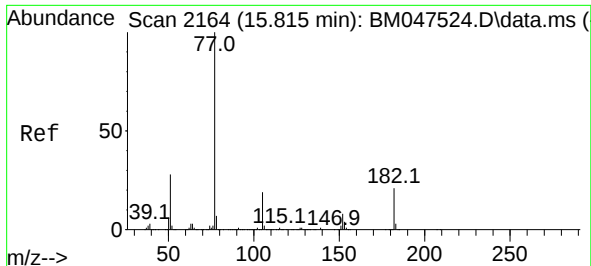
Ion Ratio Lower Upper

138 100

92 58.5 30.0 70.0

108 94.4 61.7 101.7

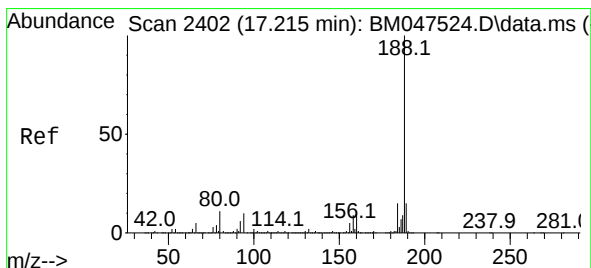
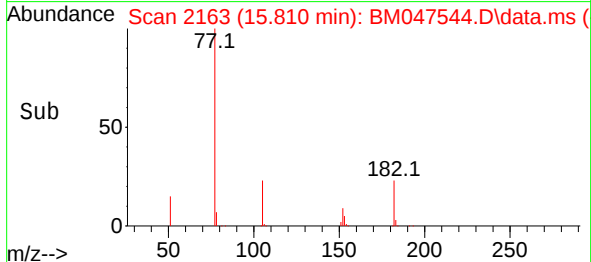
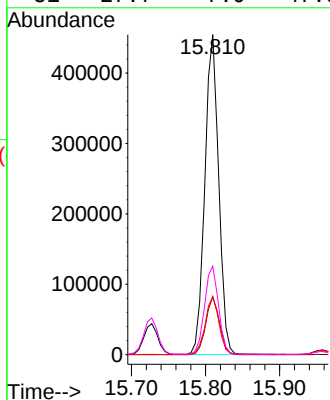
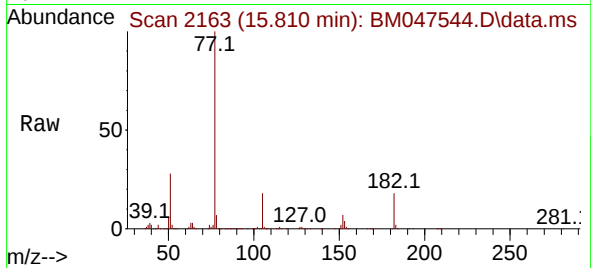




#63
Azobenzene
Concen: 7.346 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

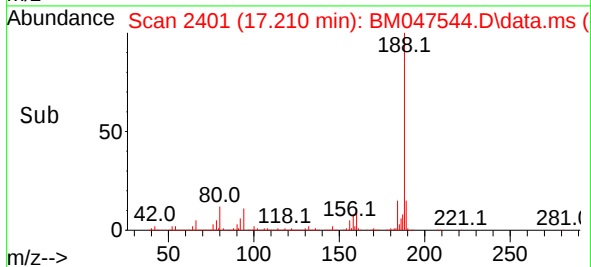
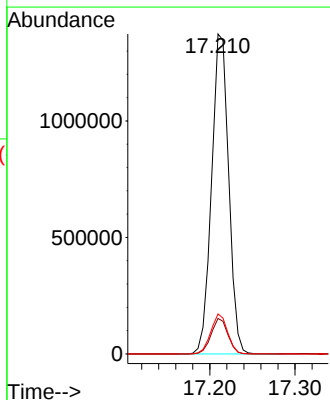
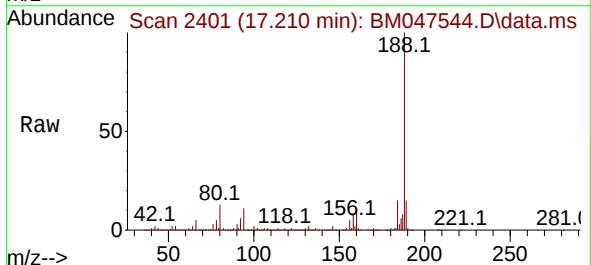
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

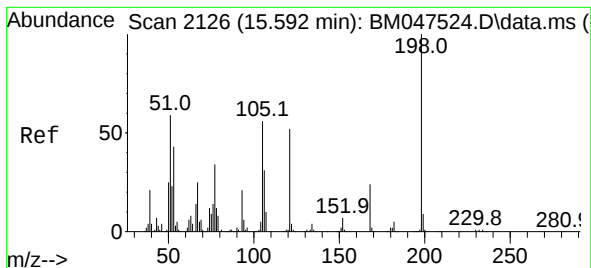
Tgt Ion: 77	Resp: 588487
Ion Ratio	Lower Upper
77 100	
182 18.1	1.2 41.2
105 18.2	0.0 39.4
51 27.7	7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 188	Resp: 1913701
Ion Ratio	Lower Upper
188 100	
94 11.1	8.4 12.6
80 12.5	9.1 13.7

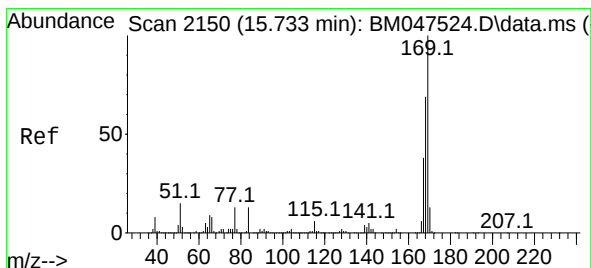
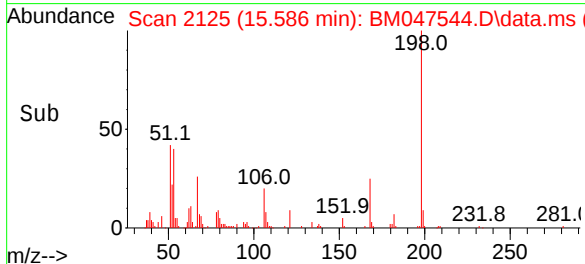
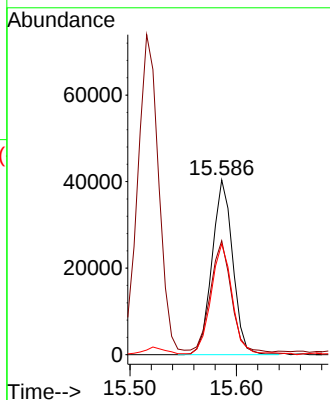
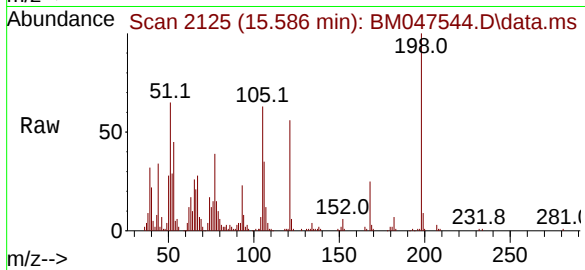




#65
4,6-Dinitro-2-methylphenol
Concen: 11.930 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

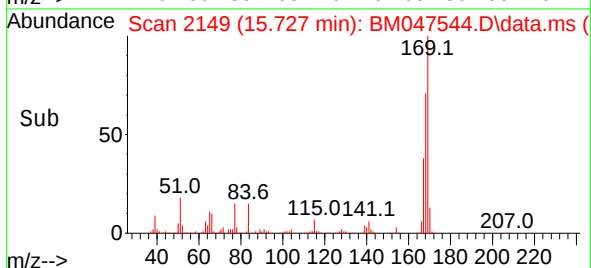
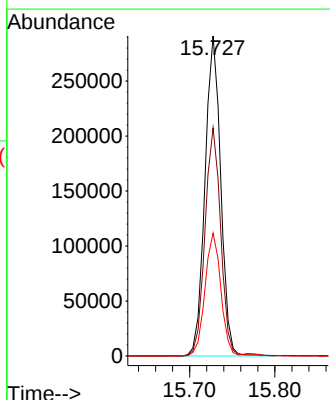
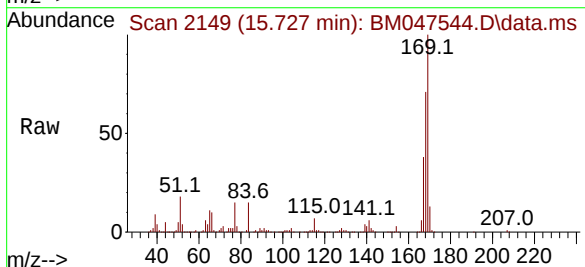
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

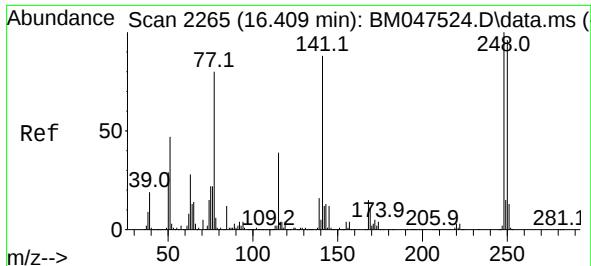
Tgt Ion:198 Resp: 54520
Ion Ratio Lower Upper
198 100
51 65.1 41.5 81.5
105 63.3 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 6.380 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:169 Resp: 373493
Ion Ratio Lower Upper
169 100
168 71.3 55.3 82.9
167 38.4 30.5 45.7

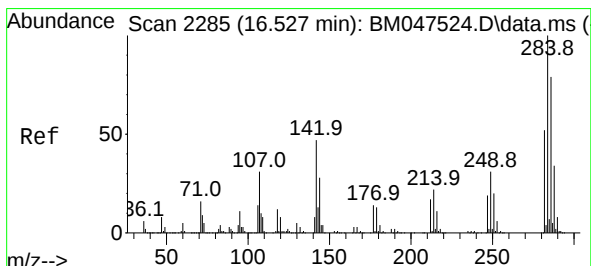
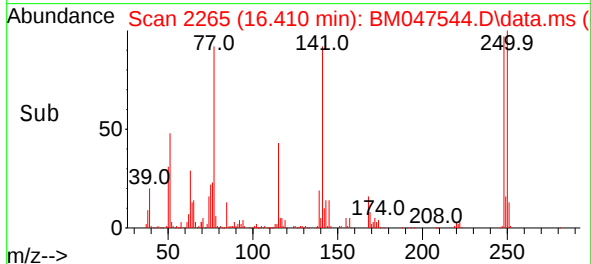
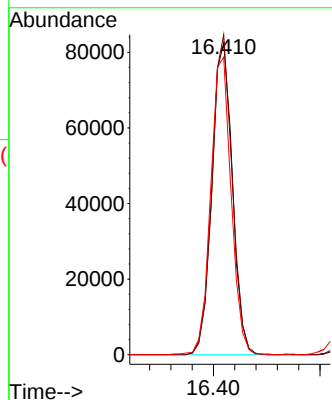
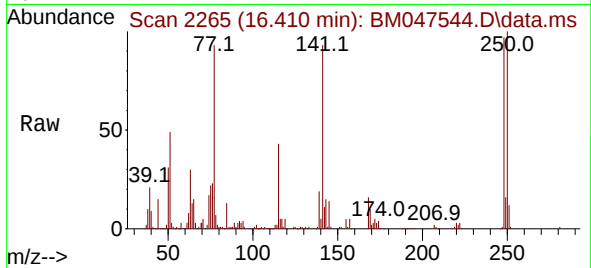




#67
4-Bromophenyl-phenylether
Concen: 5.898 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

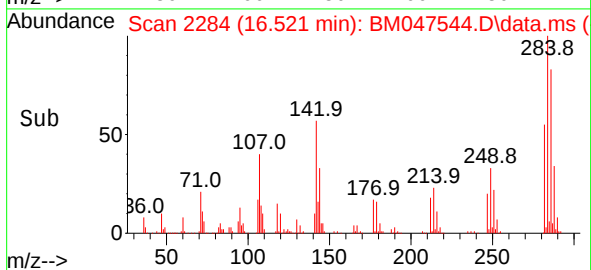
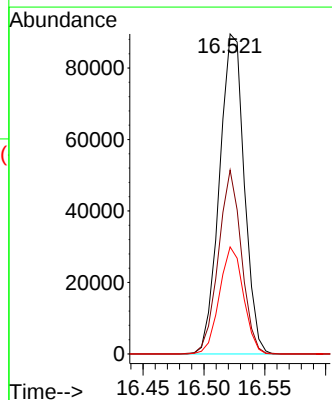
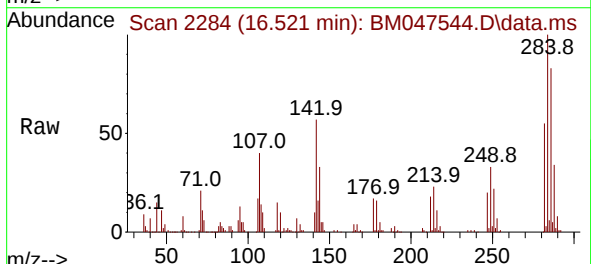
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

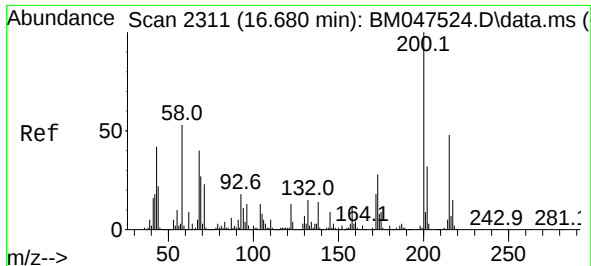
Tgt Ion:248 Resp: 109670
Ion Ratio Lower Upper
248 100
250 102.6 76.9 115.3
141 95.4 70.8 106.2



#68
Hexachlorobenzene
Concen: 6.017 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:284 Resp: 126751
Ion Ratio Lower Upper
284 100
142 57.5 37.3 55.9#
249 33.5 24.5 36.7





#69

Atrazine

Concen: 6.541 ng

RT: 16.674 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

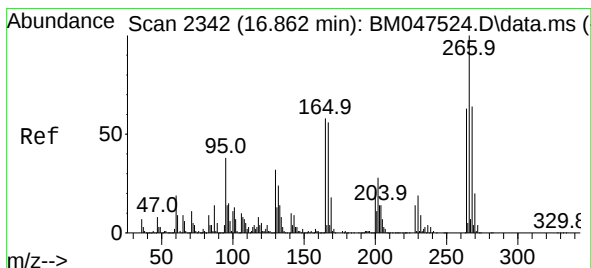
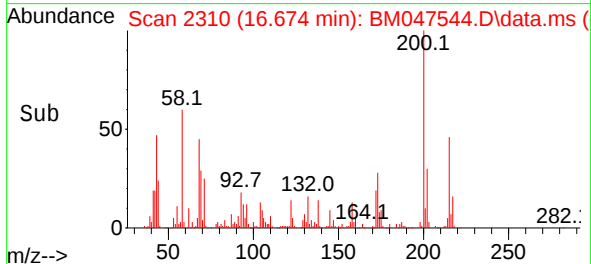
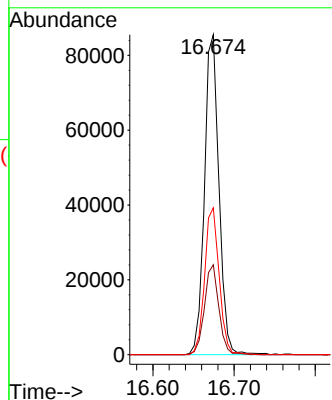
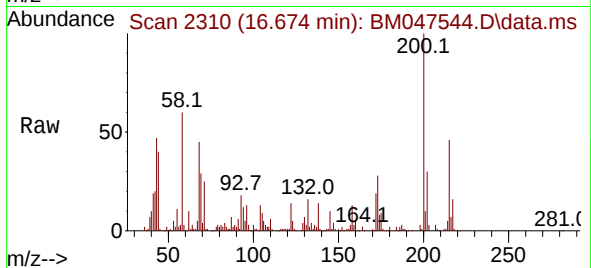
Tgt Ion:200 Resp: 105838

Ion Ratio Lower Upper

200 100

173 28.1 7.7 47.7

215 45.9 27.9 67.9



#70

Pentachlorophenol

Concen: 10.183 ng

RT: 16.863 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

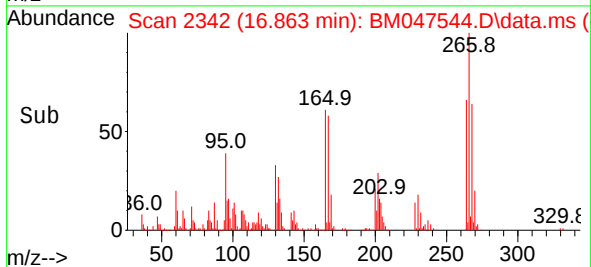
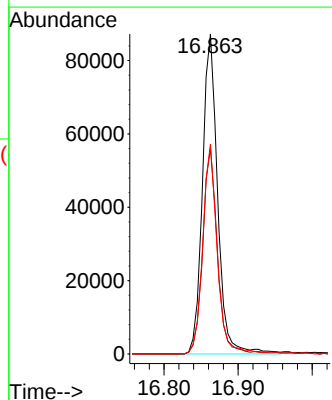
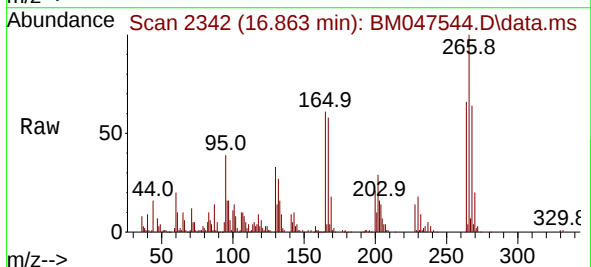
Tgt Ion:266 Resp: 124346

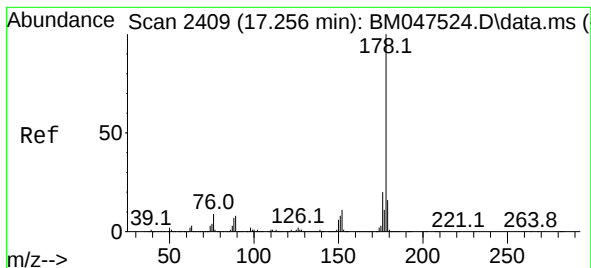
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 65.6 50.4 75.6





#71

Phenanthrene

Concen: 6.460 ng

RT: 17.257 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

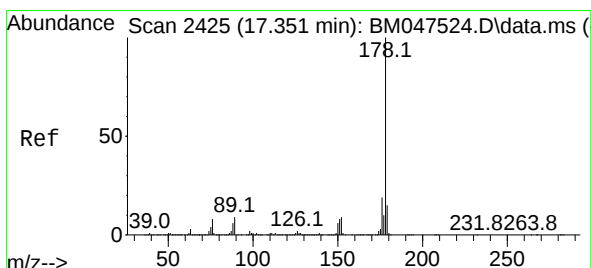
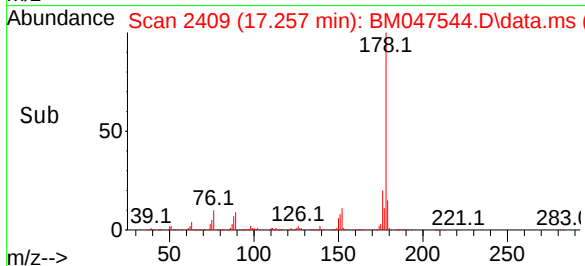
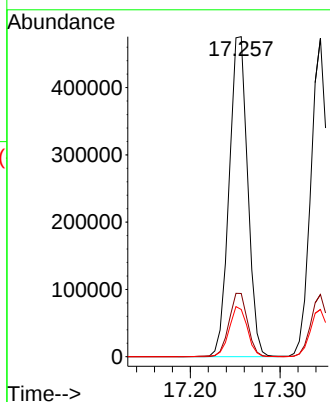
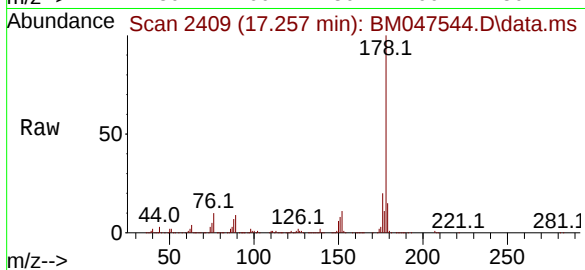
Tgt Ion:178 Resp: 681302

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 14.8 12.4 18.6



#72

Anthracene

Concen: 6.226 ng

RT: 17.345 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

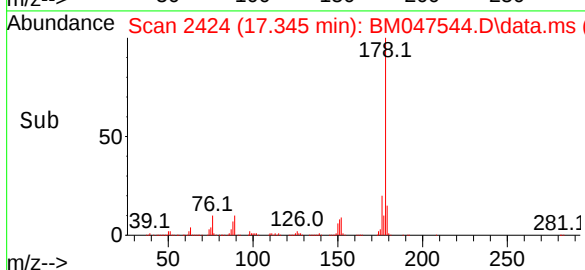
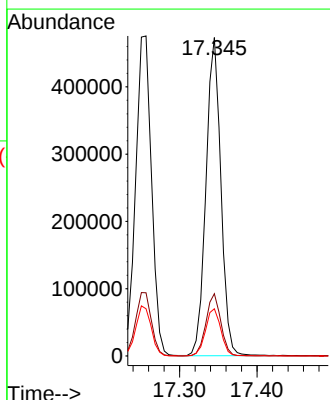
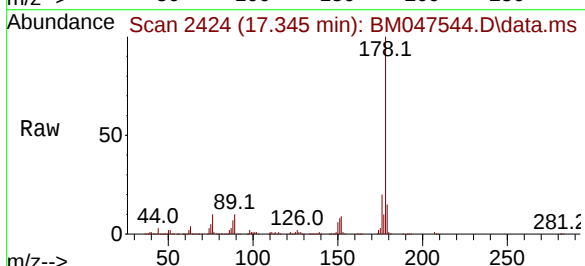
Tgt Ion:178 Resp: 630826

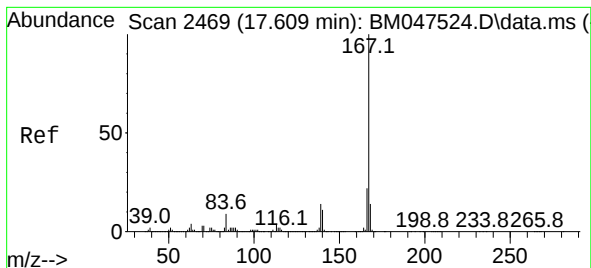
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 14.8 12.3 18.5





#73

Carbazole

Concen: 6.243 ng

RT: 17.610 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

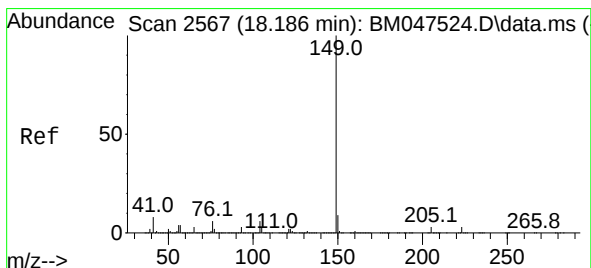
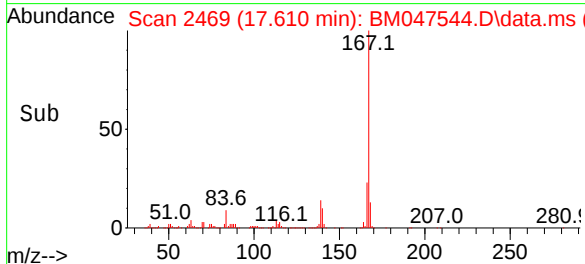
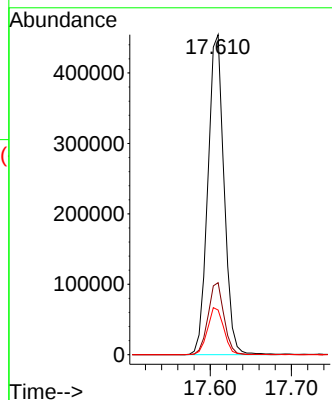
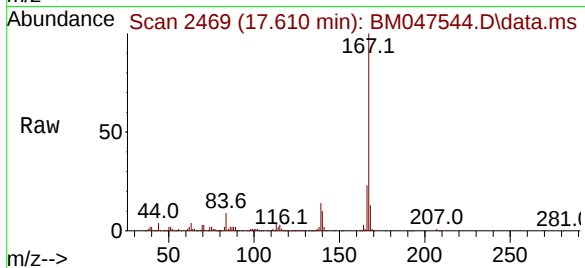
Tgt Ion:167 Resp: 626848

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 6.221 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

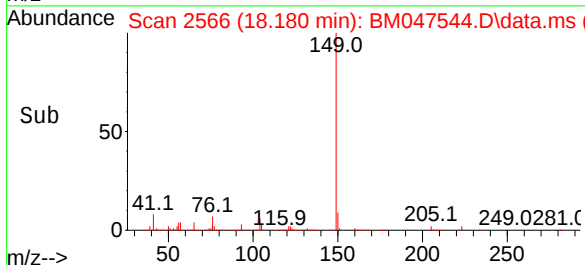
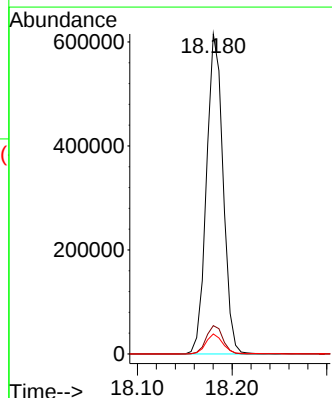
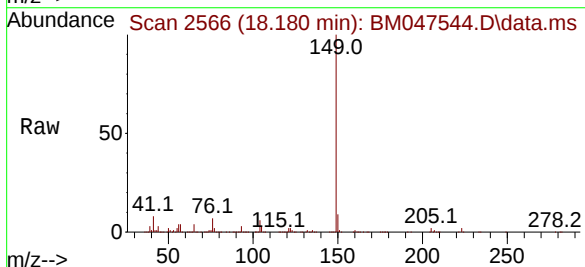
Tgt Ion:149 Resp: 747408

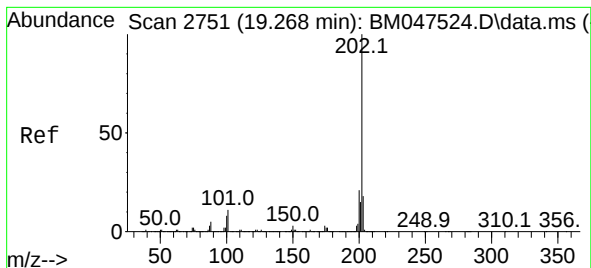
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 6.3 4.6 6.8





#75

Fluoranthene

Concen: 5.839 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

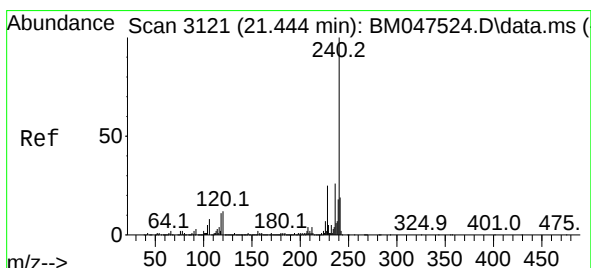
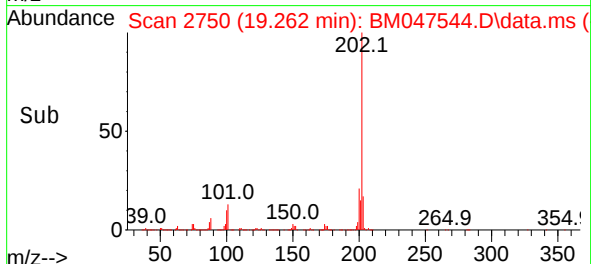
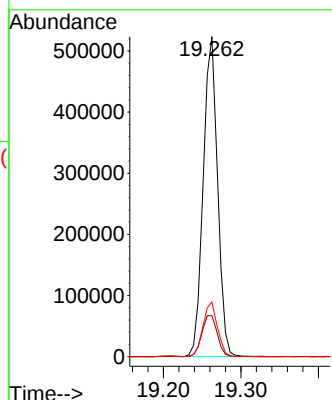
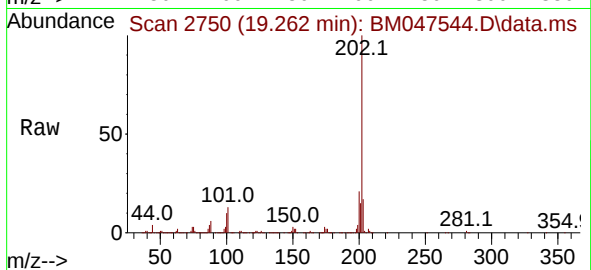
Tgt Ion:202 Resp: 671938

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.8

203 17.1 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: BM047544.D

Acq: 17 Sep 2024 15:08

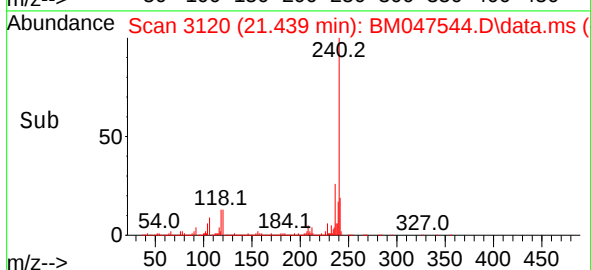
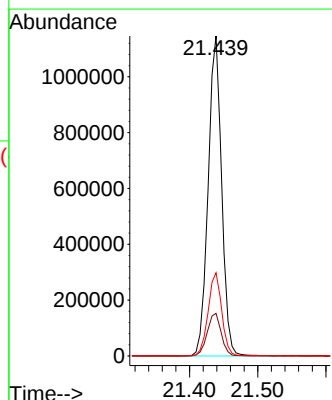
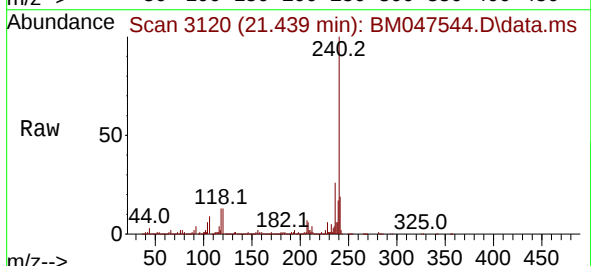
Tgt Ion:240 Resp: 1575110

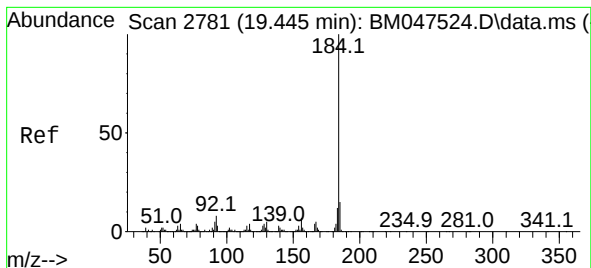
Ion Ratio Lower Upper

240 100

120 13.3 9.6 14.4

236 26.0 20.9 31.3





#77

Benzidine

Concen: 8.817 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

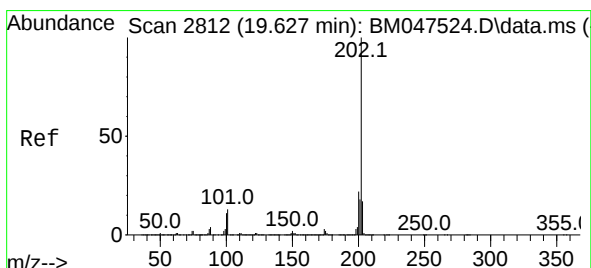
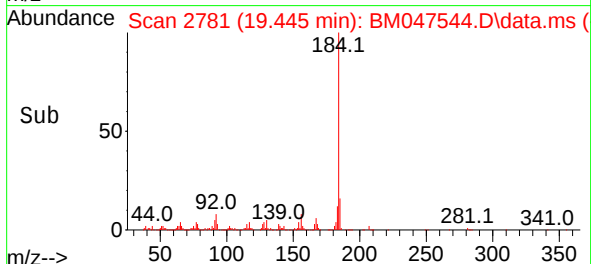
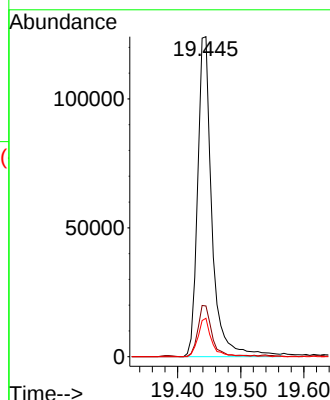
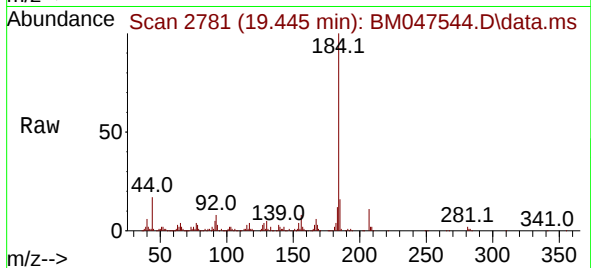
Tgt Ion:184 Resp: 195593

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 12.0 9.6 14.4



#78

Pyrene

Concen: 6.218 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

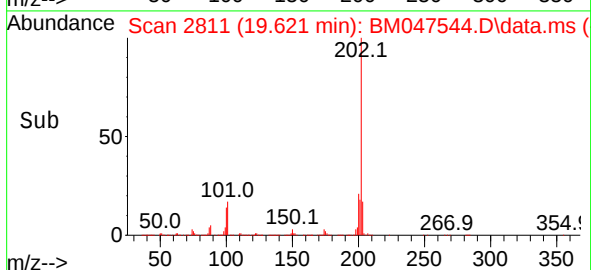
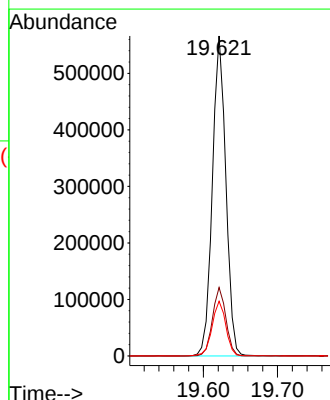
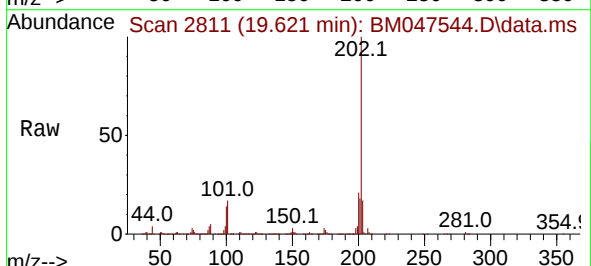
Tgt Ion:202 Resp: 714367

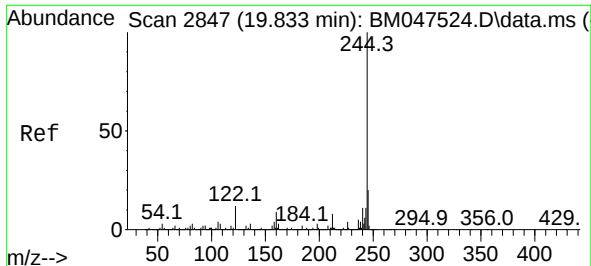
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.1 14.0 21.0





#79

Terphenyl-d14

Concen: 69.832 ng

RT: 19.827 min Scan# 2

Delta R.T. -0.006 min BNA_M

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

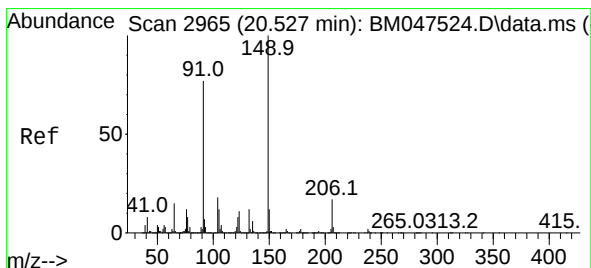
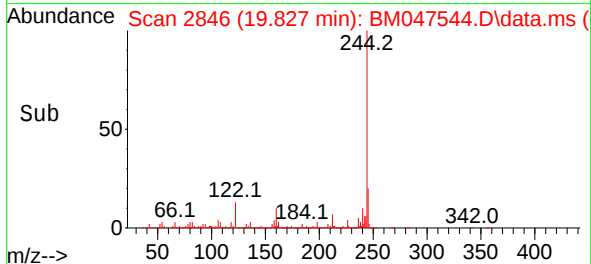
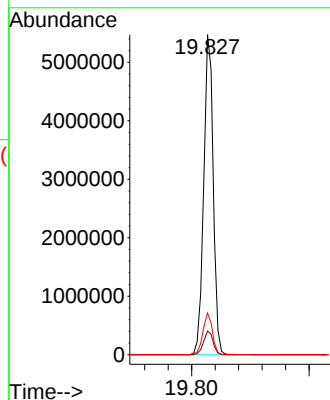
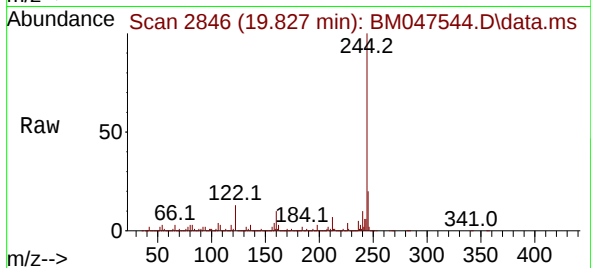
Tgt Ion:244 Resp: 6138179

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 13.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.870 ng

RT: 20.521 min Scan# 2964

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

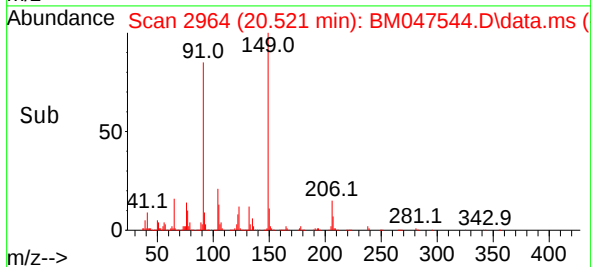
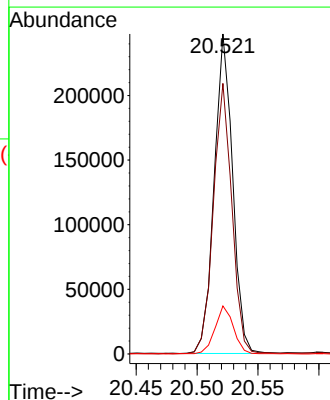
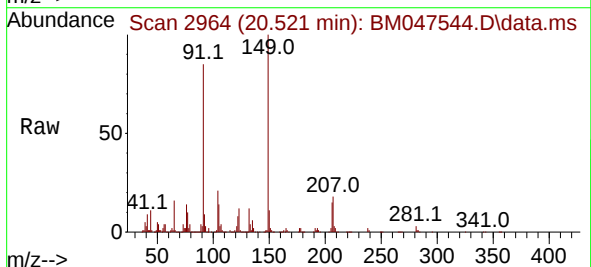
Tgt Ion:149 Resp: 259617

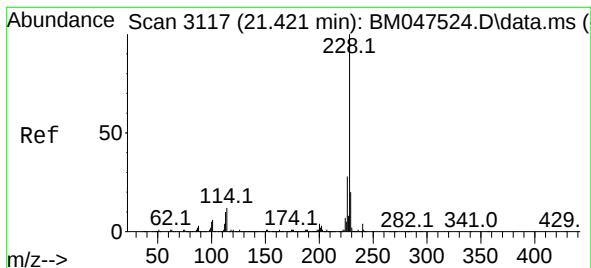
Ion Ratio Lower Upper

149 100

91 84.6 62.0 93.0

206 15.0 13.8 20.8





#81

Benzo(a)anthracene

Concen: 6.896 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

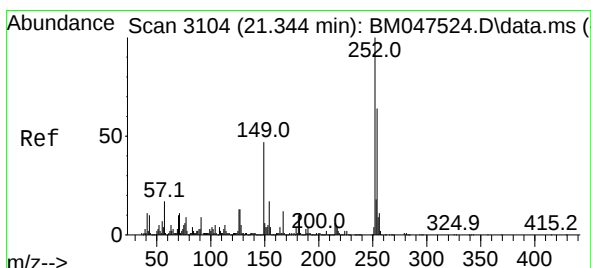
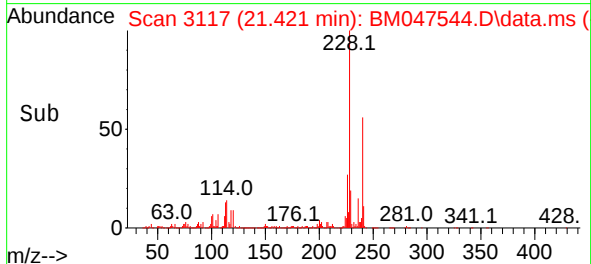
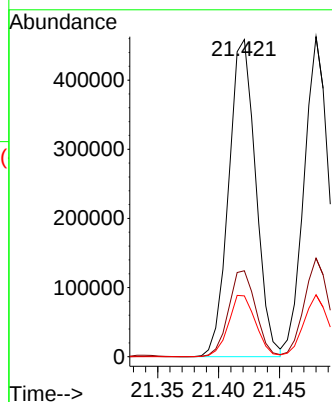
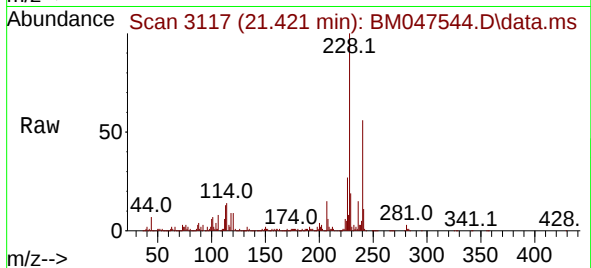
Tgt Ion:228 Resp: 707976

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 6.713 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

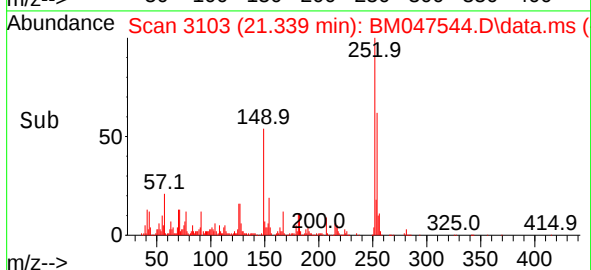
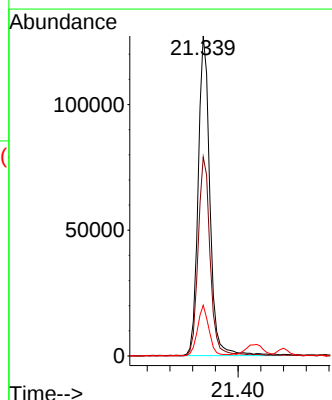
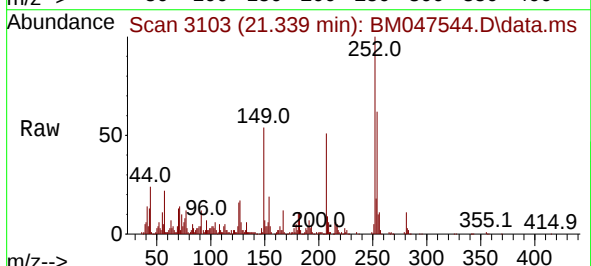
Tgt Ion:252 Resp: 183333

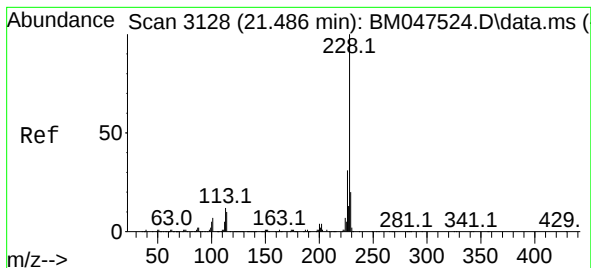
Ion Ratio Lower Upper

252 100

254 62.2 51.5 77.3

126 15.9 10.3 15.5#





#83

Chrysene

Concen: 6.807 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

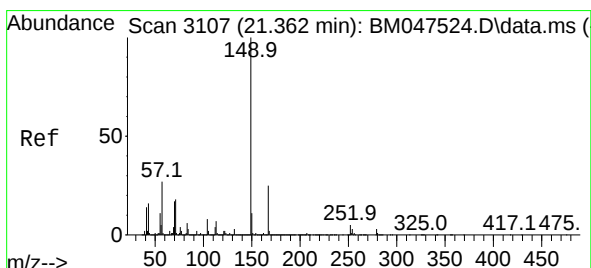
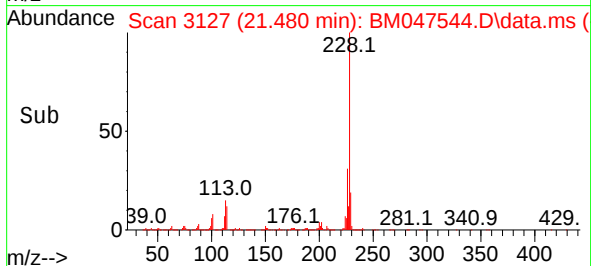
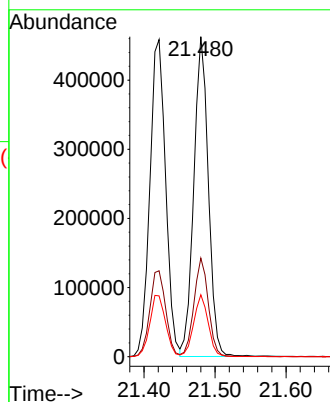
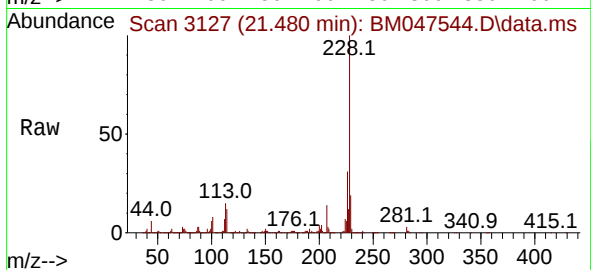
Tgt Ion:228 Resp: 661060

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.306 ng

RT: 21.351 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

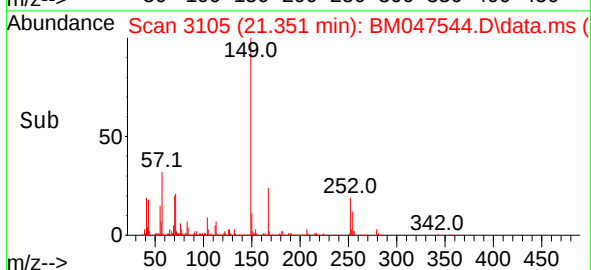
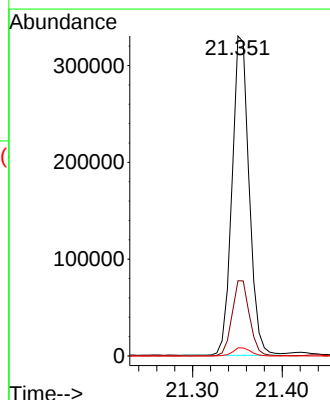
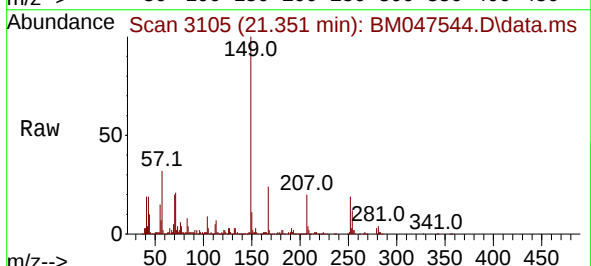
Tgt Ion:149 Resp: 436916

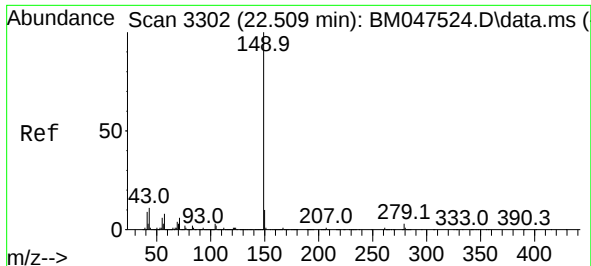
Ion Ratio Lower Upper

149 100

167 23.5 20.2 30.4

279 2.6 2.6 4.0#

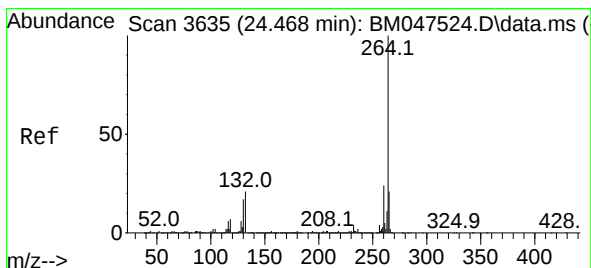
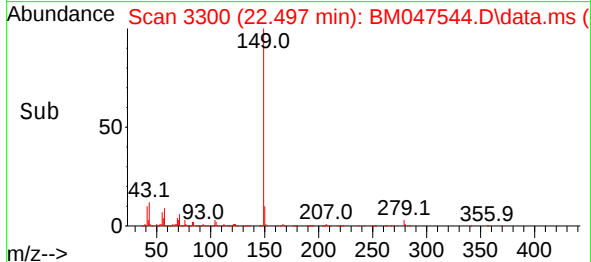
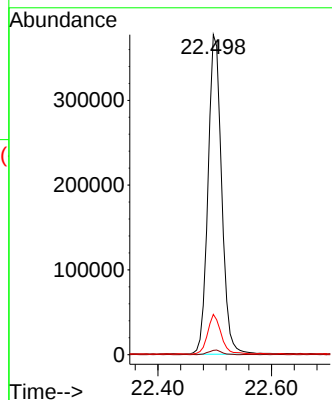
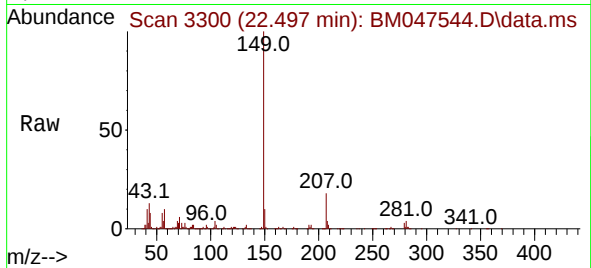




#85
Di-n-octyl phthalate
Concen: 6.381 ng
RT: 22.497 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

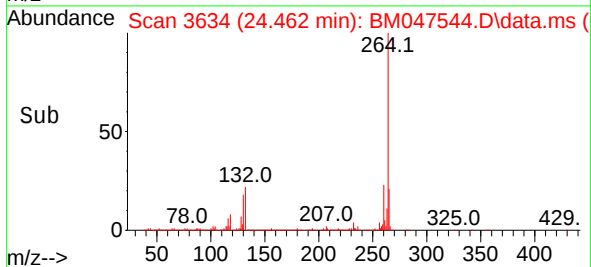
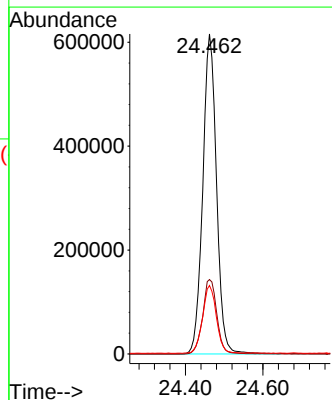
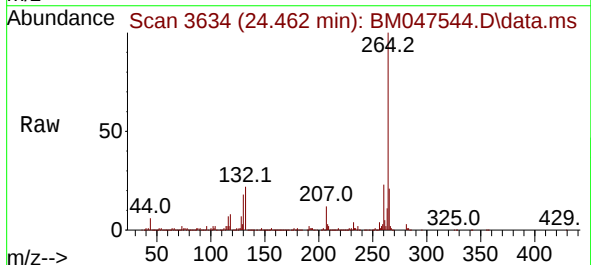
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

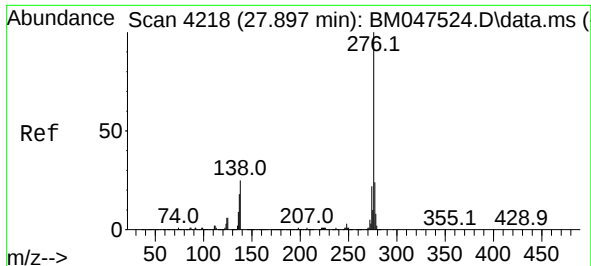
Tgt Ion:149 Resp: 625378
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.3 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:264 Resp: 1514750
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.4 17.4 26.2

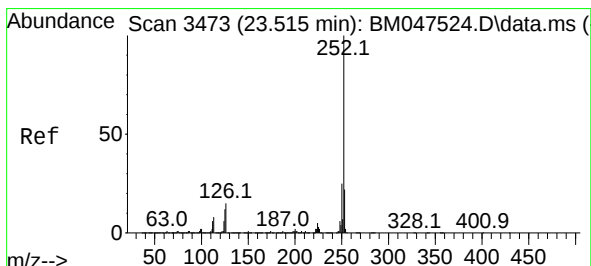
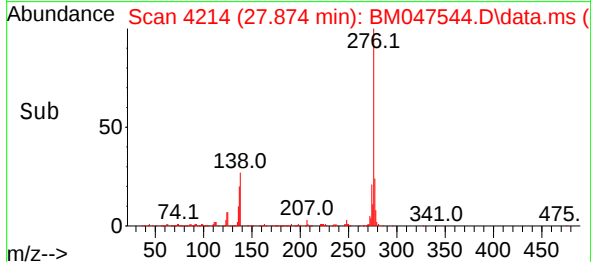
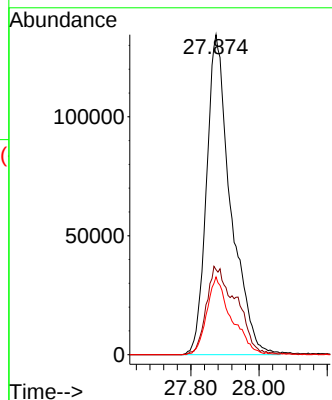
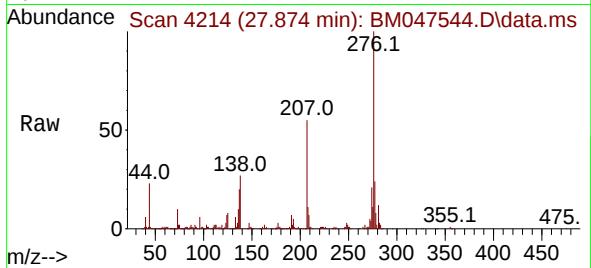




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.313 ng
RT: 27.874 min Scan# 41
Delta R.T. -0.023 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

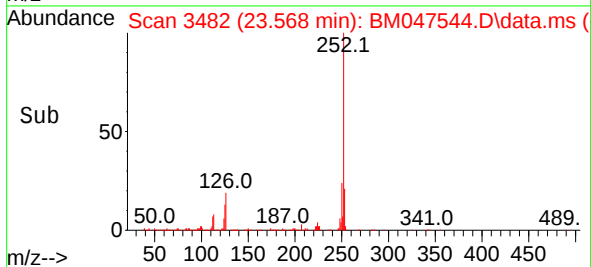
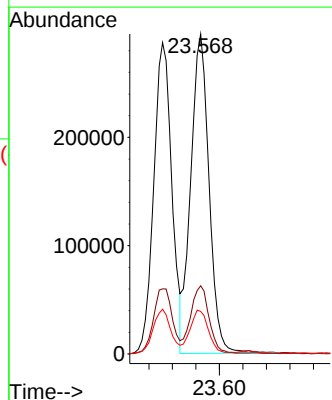
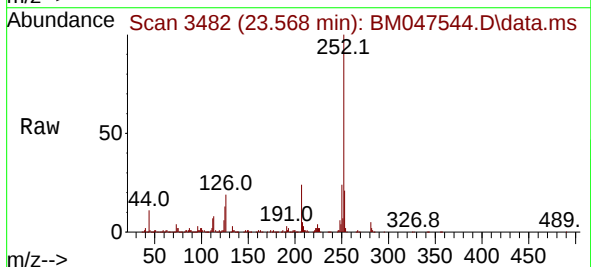
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

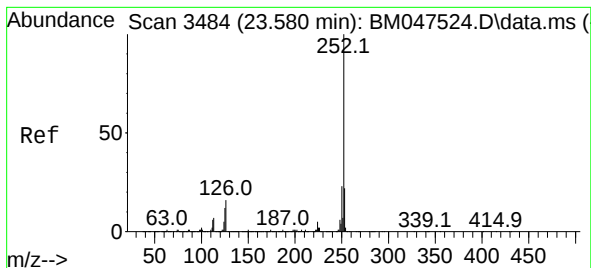
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	24.6	20.1	30.1



#88
Benzo(b)fluoranthene
Concen: 6.501 ng
RT: 23.568 min Scan# 3482
Delta R.T. 0.053 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	13.3	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 6.559 ng

RT: 23.568 min Scan# 3484

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

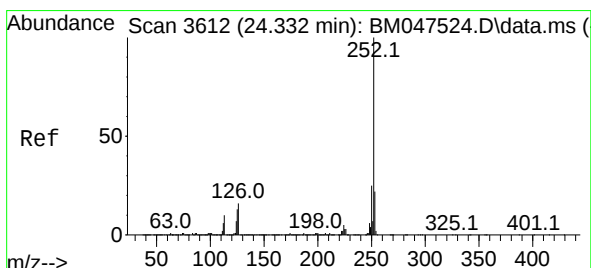
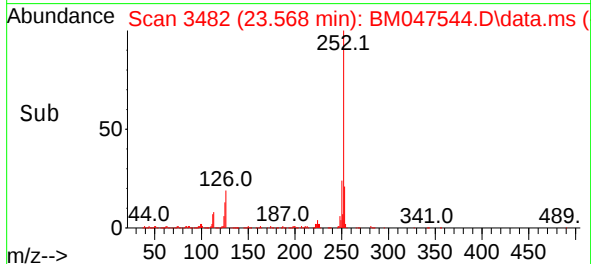
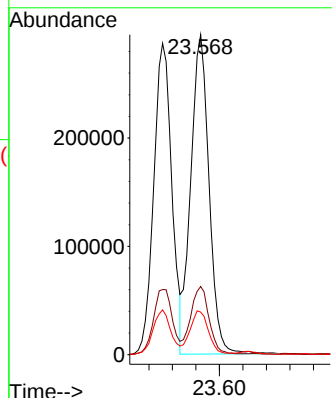
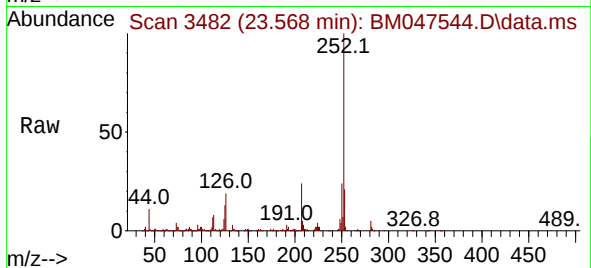
Tgt Ion:252 Resp: 637133

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 13.3 9.5 14.3



#90

Benzo(a)pyrene

Concen: 6.745 ng

RT: 24.321 min Scan# 3610

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

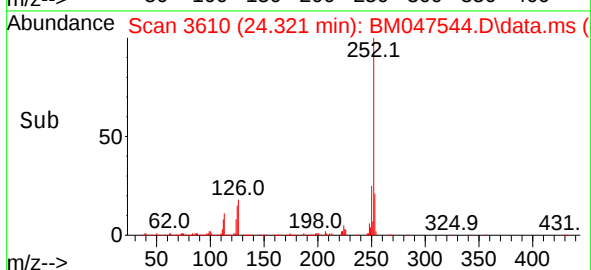
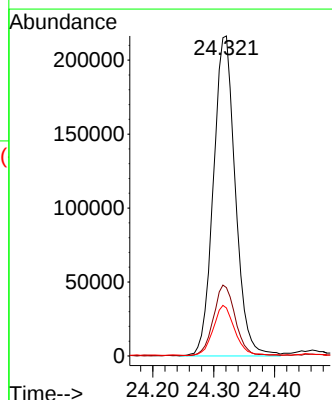
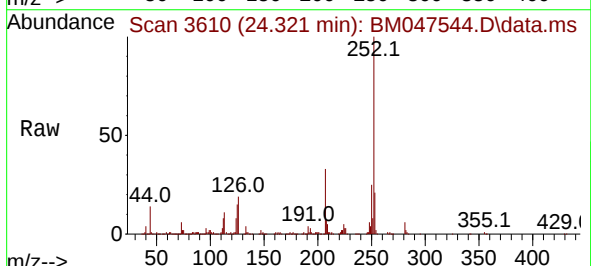
Tgt Ion:252 Resp: 541799

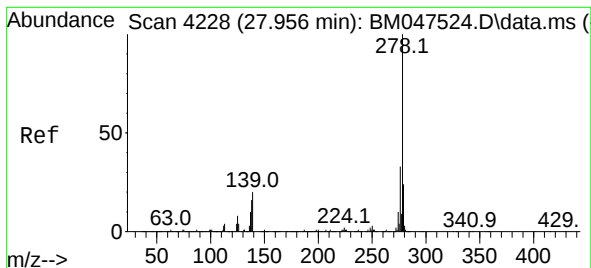
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 15.0 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 7.057 ng

RT: 27.938 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

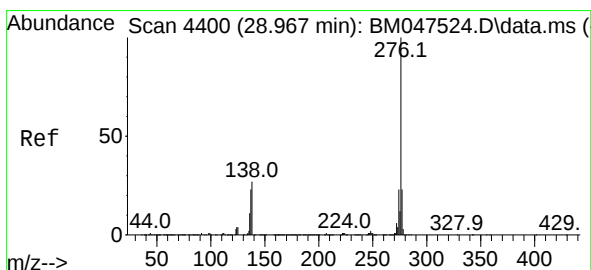
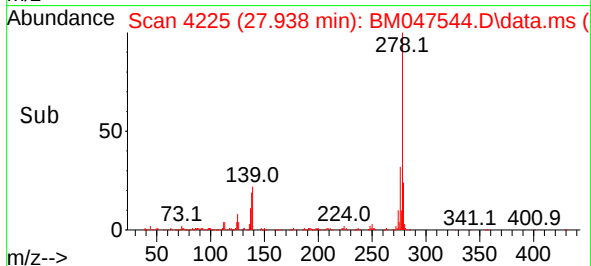
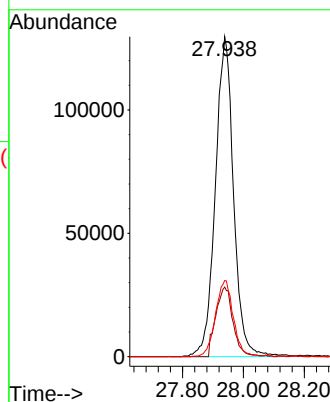
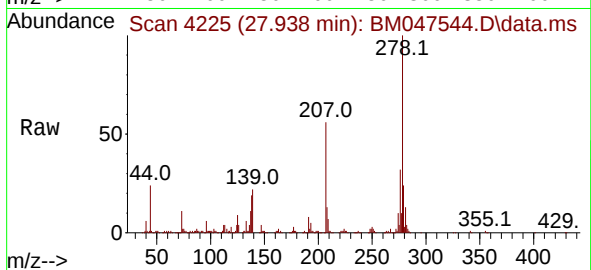
Tgt Ion:278 Resp: 538254

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 6.884 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:276 Resp: 512853

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 28.2 21.5 32.3

