

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019524.D
 Acq On : 02 Feb 2024 12:48
 Operator : MA/JU
 Sample : 04699-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Feb 02 13:41:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	67530	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	281300	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	207879	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	501969	20.000	ng	0.00
76) Chrysene-d12	21.392	240	464433	20.000	ng	0.00
86) Perylene-d12	23.810	264	420384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	449760	107.356	ng	0.00
7) Phenol-d6	7.075	99	619370	109.645	ng	-0.01
23) Nitrobenzene-d5	9.081	82	582154	89.675	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	360987	118.934	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1404519	83.525	ng	0.00
79) Terphenyl-d14	19.869	244	2760190	97.738	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	8387	5.196	ng	96
3) Pyridine	3.787	79	21211	4.847	ng	94
4) n-Nitrosodimethylamine	3.705	42	9886	5.189	ng	# 98
6) Aniline	7.246	93	36282	6.610	ng	98
8) 2-Chlorophenol	7.469	128	21869	5.084	ng	99
9) Benzaldehyde	7.058	77	25444	6.425	ng	94
10) Phenol	7.099	94	31094	5.523	ng	91
11) bis(2-Chloroethyl)ether	7.346	93	23304	5.320	ng	96
12) 1,3-Dichlorobenzene	7.793	146	27047	5.139	ng	98
13) 1,4-Dichlorobenzene	7.946	146	27043	5.072	ng	97
14) 1,2-Dichlorobenzene	8.257	146	26619	5.160	ng	98
15) Benzyl Alcohol	8.157	79	25863	5.730	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	25044	5.718	ng	96
17) 2-Methylphenol	8.352	107	20189	5.326	ng	98
18) Hexachloroethane	8.981	117	9960	4.819	ng	91
19) n-Nitroso-di-n-propyla...	8.722	70	22839	5.919	ng	97
20) 3+4-Methylphenols	8.687	107	28180	5.448	ng	96
22) Acetophenone	8.740	105	42640	5.321	ng	# 98
24) Nitrobenzene	9.122	77	34169	5.228	ng	98
25) Isophorone	9.646	82	61289	5.421	ng	99
26) 2-Nitrophenol	9.834	139	11306	4.536	ng	92
27) 2,4-Dimethylphenol	9.887	122	19892	6.242	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	33775	5.280	ng	100
29) 2,4-Dichlorophenol	10.357	162	23982	4.978	ng	96
30) 1,2,4-Trichlorobenzene	10.575	180	29037	4.916	ng	96
31) Naphthalene	10.763	128	79036	5.123	ng	100
32) Benzoic acid	9.951	122	13072	4.210	ng	95
33) 4-Chloroaniline	10.881	127	33922	5.945	ng	98
34) Hexachlorobutadiene	11.034	225	20573	4.700	ng	93
35) Caprolactam	11.651	113	8761	6.424	ng	84
36) 4-Chloro-3-methylphenol	11.998	107	29056	5.532	ng	95
37) 2-Methylnaphthalene	12.375	142	56862	5.326	ng	98
38) 1-Methylnaphthalene	12.587	142	55004	5.242	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	38283	4.775	ng	98
41) Hexachlorocyclopentadiene	12.710	237	18528	5.116	ng	97
43) 2,4,6-Trichlorophenol	12.981	196	22360	4.606	ng	98

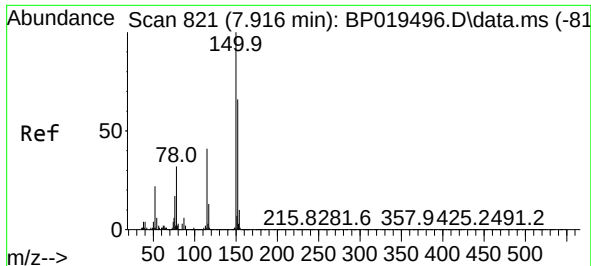
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 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	24397	4.577	ng	97
46) 1,1'-Biphenyl	13.387	154	83237	5.017	ng	100
47) 2-Chloronaphthalene	13.422	162	65154	4.784	ng	97
48) 2-Nitroaniline	13.634	65	18642	4.895	ng	93
49) Acenaphthylene	14.269	152	104872	5.488	ng	98
50) Dimethylphthalate	14.016	163	86295	5.423	ng	99
51) 2,6-Dinitrotoluene	14.134	165	17396	4.975	ng	94
52) Acenaphthene	14.610	154	60654	5.114	ng	98
53) 3-Nitroaniline	14.463	138	16748	5.212	ng #	95
54) 2,4-Dinitrophenol	14.663	184	7370	4.060	ng	95
55) Dibenzofuran	14.945	168	104259	5.398	ng	100
56) 4-Nitrophenol	14.763	139	13882	5.271	ng #	83
57) 2,4-Dinitrotoluene	14.916	165	22349	4.878	ng #	97
58) Fluorene	15.598	166	83602	5.434	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	24284	5.416	ng #	97
60) Diethylphthalate	15.381	149	86149	5.443	ng	99
61) 4-Chlorophenyl-phenylether	15.598	204	46239	5.348	ng	97
62) 4-Nitroaniline	15.622	138	18316	5.438	ng	93
63) Azobenzene	15.892	77	81728	5.339	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	10313	3.603	ng	96
66) n-Nitrosodiphenylamine	15.816	169	72441	4.819	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	27950	4.454	ng	99
68) Hexachlorobenzene	16.592	284	34089	4.652	ng	96
69) Atrazine	16.775	200	30180	6.050	ng	96
70) Pentachlorophenol	16.945	266	17464	3.827	ng	94
71) Phenanthrene	17.345	178	141436	5.354	ng	99
72) Anthracene	17.433	178	137608	5.222	ng	99
73) Carbazole	17.710	167	123918	5.176	ng	99
74) Di-n-butylphthalate	18.275	149	138943	4.800	ng	99
75) Fluoranthene	19.310	202	170999	5.299	ng	99
77) Benzidine	19.504	184	72193	7.435	ng	97
78) Pyrene	19.663	202	177378	5.412	ng	98
80) Butylbenzylphthalate	20.557	149	57333	4.684	ng	98
81) Benzo(a)anthracene	21.374	228	166167	5.083	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	56631	4.754	ng	99
83) Chrysene	21.427	228	153589	4.948	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	80925	4.342	ng	98
85) Di-n-octyl phthalate	22.269	149	115572	3.524	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	146405	4.550	ng	99
88) Benzo(b)fluoranthene	23.074	252	139063	5.249	ng	99
89) Benzo(k)fluoranthene	23.121	252	129718	5.125	ng	98
90) Benzo(a)pyrene	23.704	252	113916	4.832	ng	97
91) Dibenzo(a,h)anthracene	26.368	278	121892	4.606	ng	96
92) Benzo(g,h,i)perylene	27.109	276	119515	4.451	ng	97

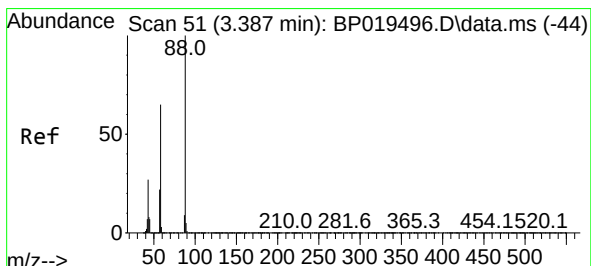
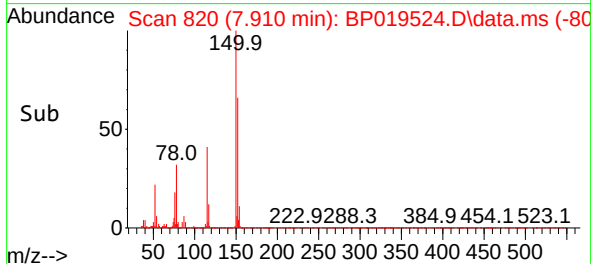
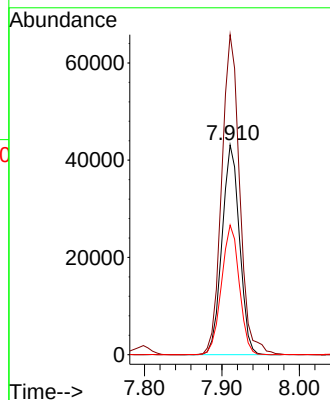
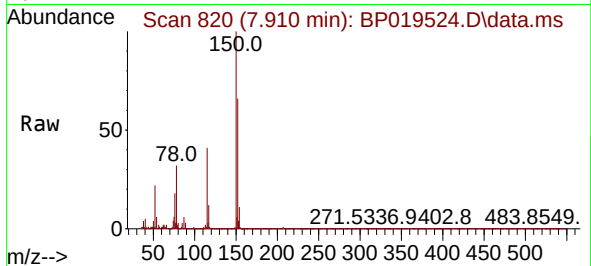
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019524.D
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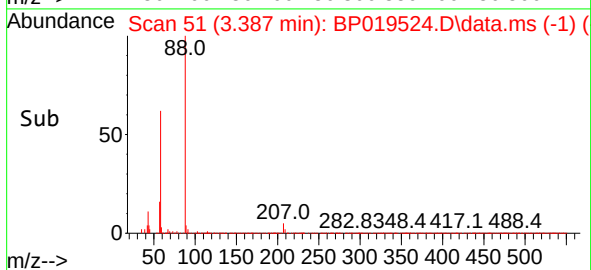
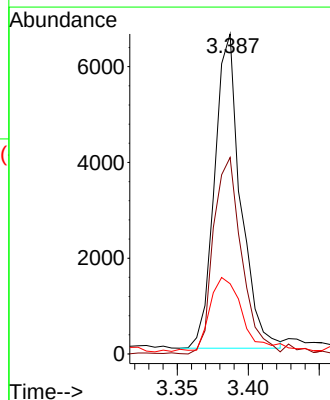
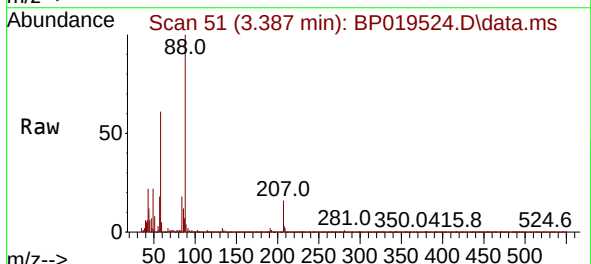
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

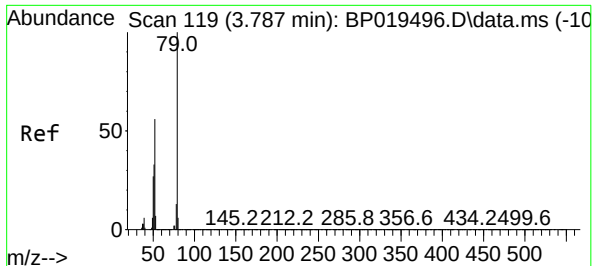
Tgt Ion:152 Resp: 67530
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 61.8 49.9 74.9



#2
1,4-Dioxane
Concen: 5.196 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion: 88 Resp: 8387
Ion Ratio Lower Upper
88 100
58 67.4 52.6 78.8
43 31.2 21.9 32.9

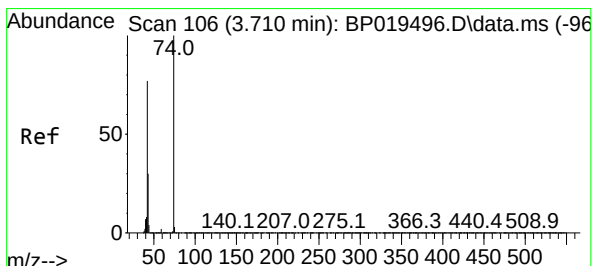
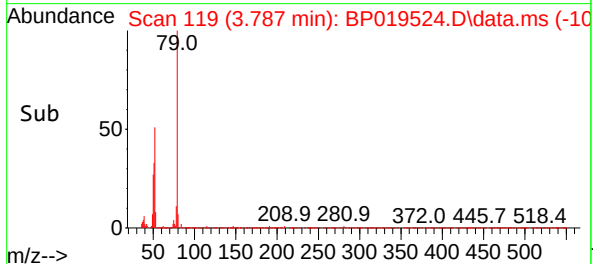
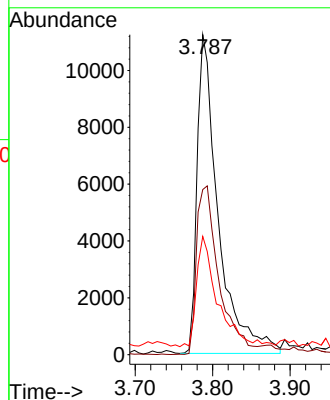
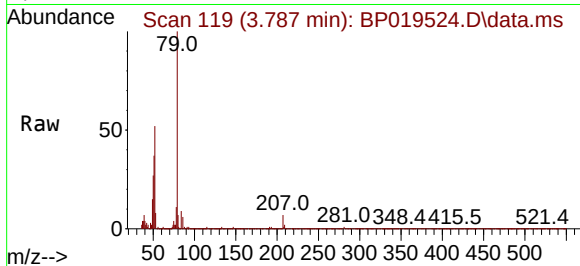




#3
Pyridine
Concen: 4.847 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

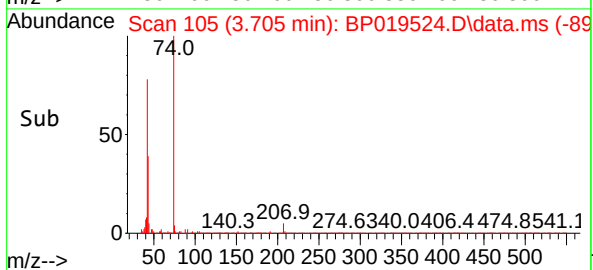
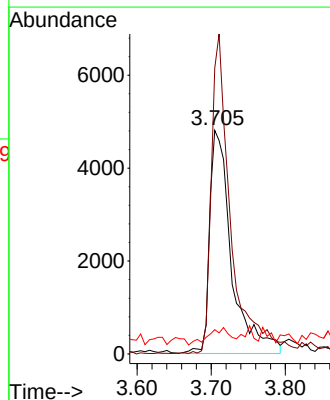
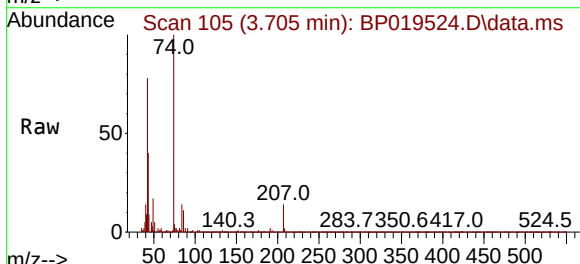
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

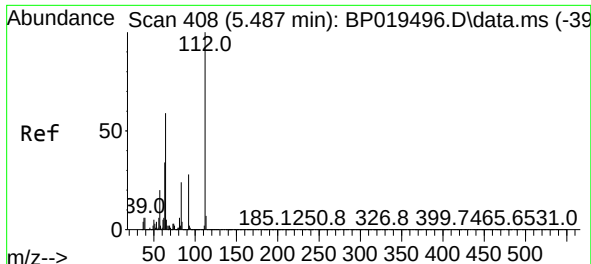
Tgt Ion: 79	Resp: 21211
Ion Ratio	Lower Upper
79 100	
52 51.6	45.0 67.6
51 36.9	26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 5.189 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion: 42	Resp: 9886
Ion Ratio	Lower Upper
42 100	
74 127.9	103.4 155.2
44 10.9	4.8 7.2

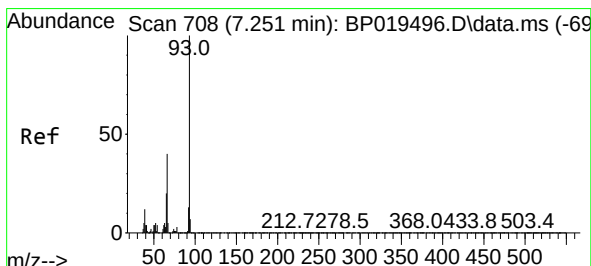
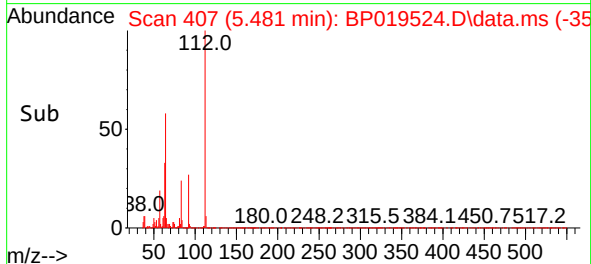
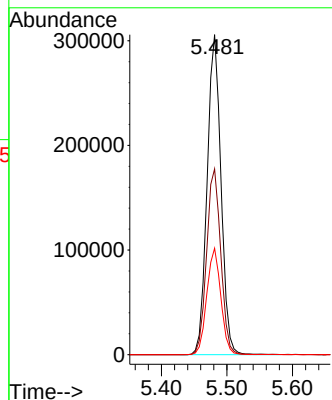
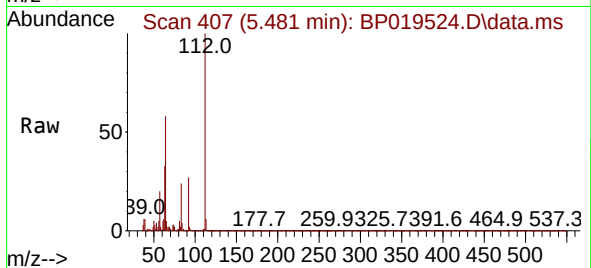




#5
2-Fluorophenol
Concen: 107.356 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

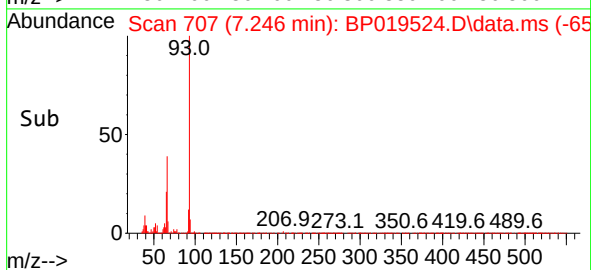
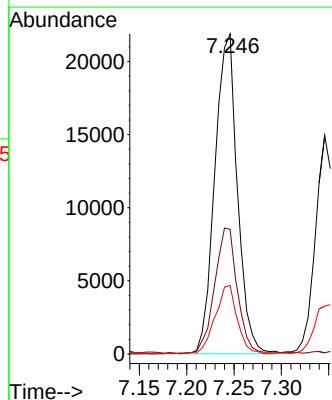
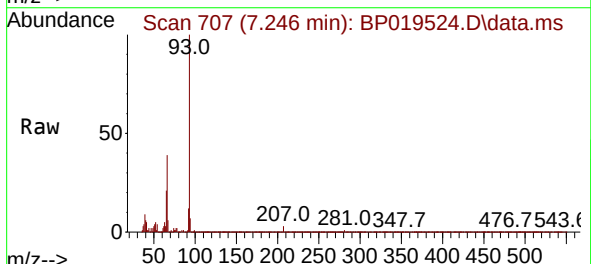
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LOQ-WATER-02-QT4-2023

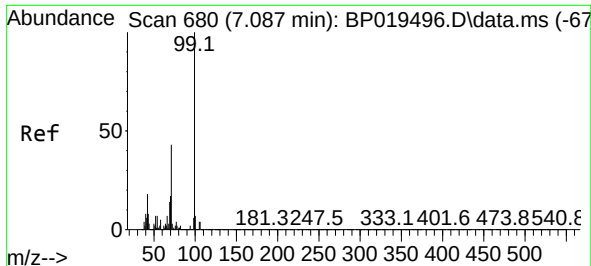
Tgt Ion:112 Resp: 449760
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 33.2 27.0 40.6



#6
Aniline
Concen: 6.610 ng
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion: 93 Resp: 36282
Ion Ratio Lower Upper
93 100
66 39.0 32.3 48.5
65 21.4 16.4 24.6





#7

Phenol-d6

Concen: 109.645 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.011 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

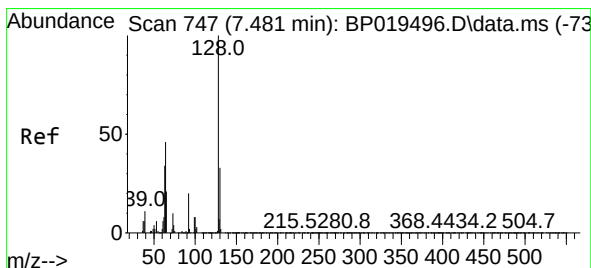
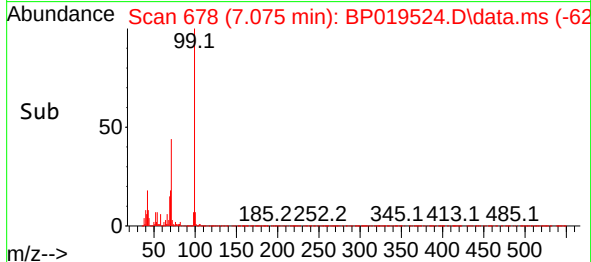
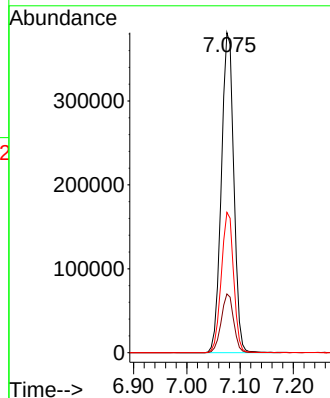
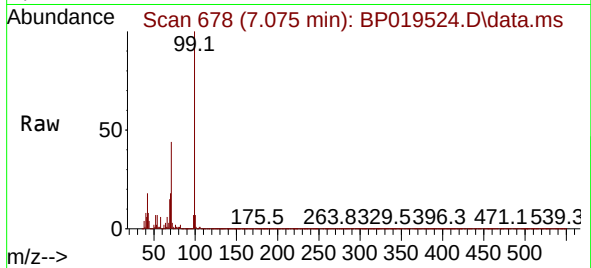
Tgt Ion: 99 Resp: 619370

Ion Ratio Lower Upper

99 100

42 18.4 14.7 22.1

71 43.9 34.8 52.2



#8

2-Chlorophenol

Concen: 5.084 ng

RT: 7.469 min Scan# 745

Delta R.T. -0.011 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

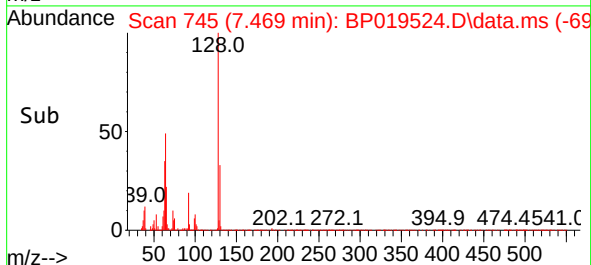
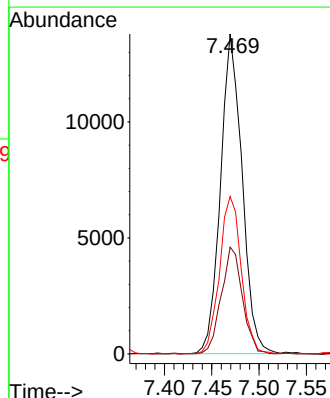
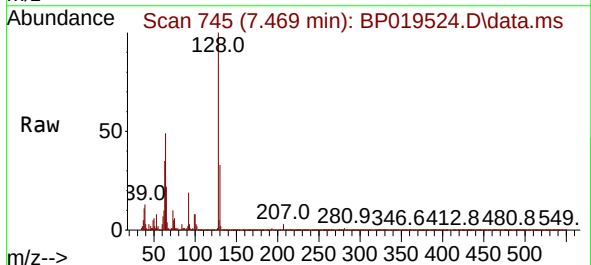
Tgt Ion: 128 Resp: 21869

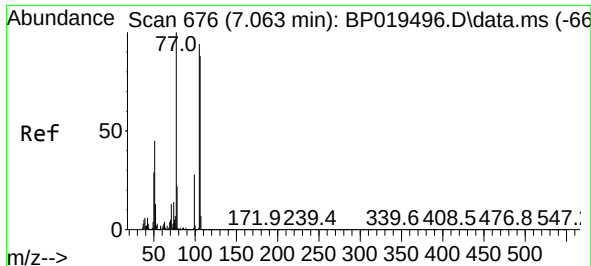
Ion Ratio Lower Upper

128 100

130 33.4 13.3 53.3

64 49.2 29.7 69.7





#9

Benzaldehyde

Concen: 6.425 ng

RT: 7.058 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP019524.D

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BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

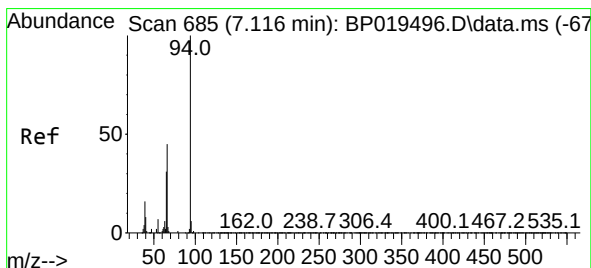
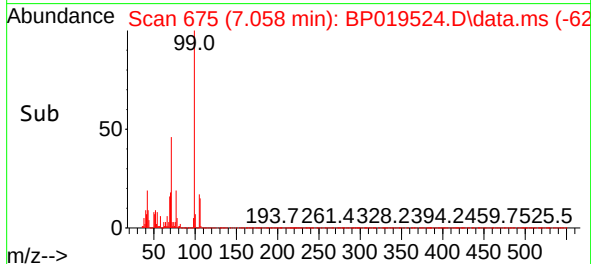
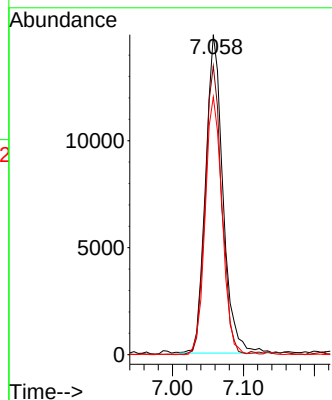
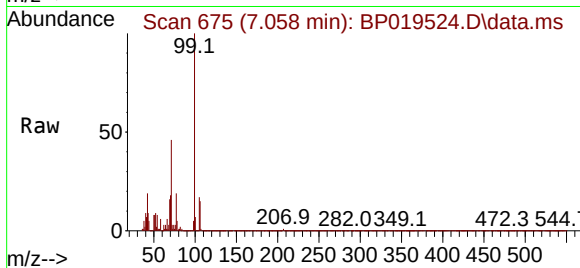
Tgt Ion: 77 Resp: 25444

Ion Ratio Lower Upper

77 100

105 90.2 74.0 114.0

106 80.5 67.8 107.8



#10

Phenol

Concen: 5.523 ng

RT: 7.099 min Scan# 682

Delta R.T. -0.017 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

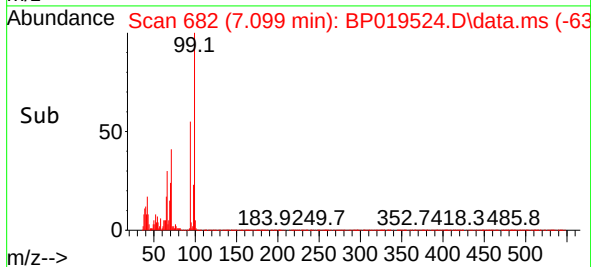
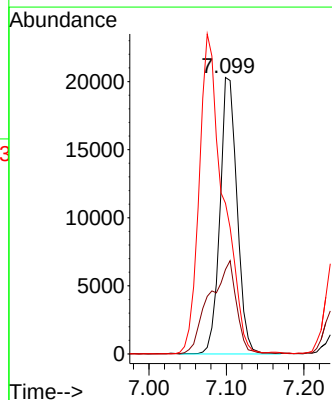
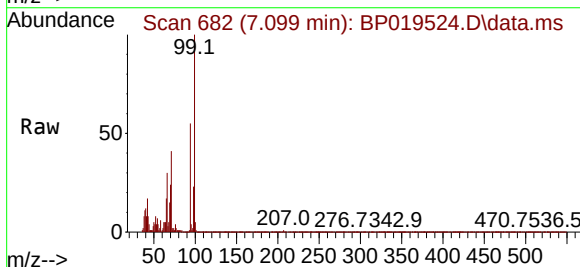
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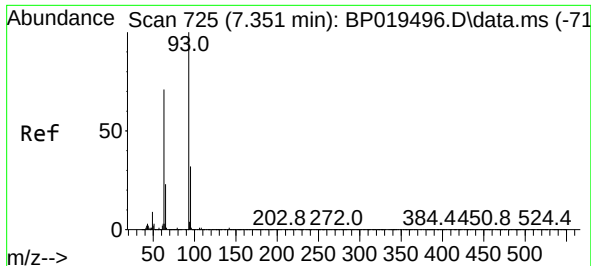
Ion Ratio Lower Upper

94 100

65 30.6 11.3 51.3

66 54.5 25.1 65.1

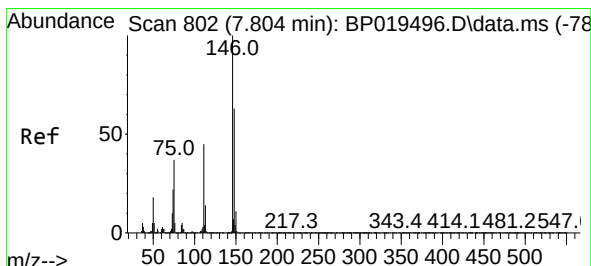
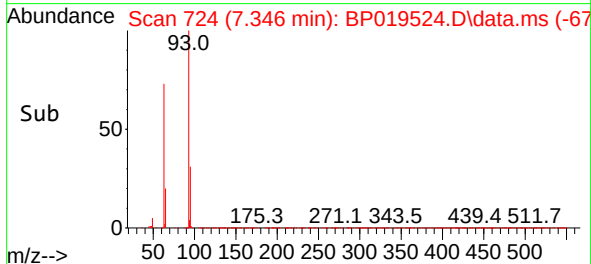
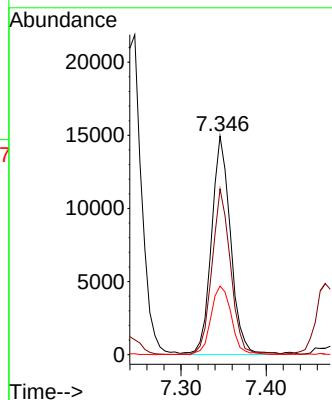
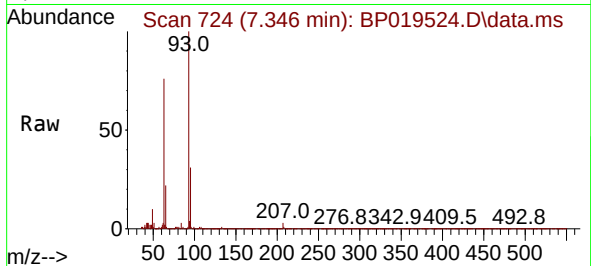




#11
bis(2-Chloroethyl)ether
Concen: 5.320 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

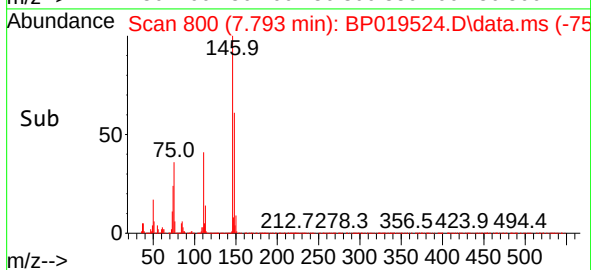
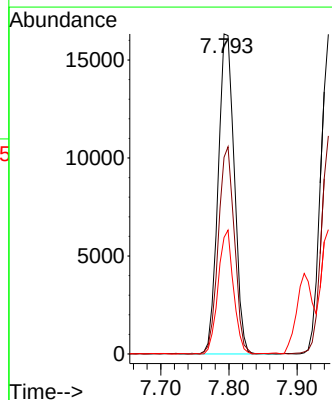
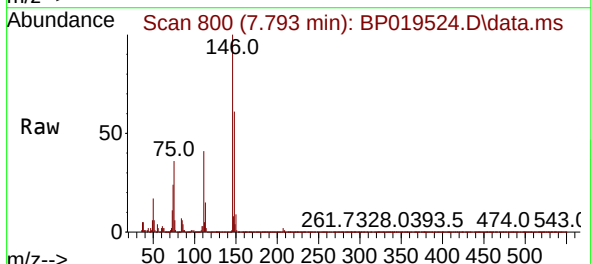
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

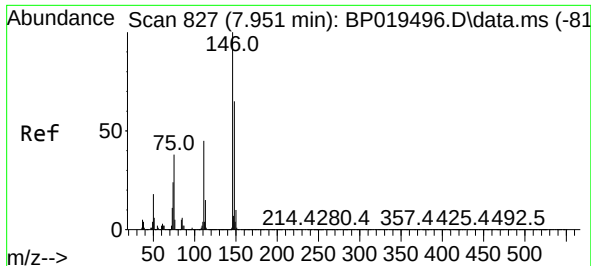
Tgt Ion: 93 Resp: 23304
Ion Ratio Lower Upper
93 100
63 75.9 51.2 91.2
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 5.139 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion: 146 Resp: 27047
Ion Ratio Lower Upper
146 100
148 61.5 50.4 75.6
75 36.4 29.9 44.9

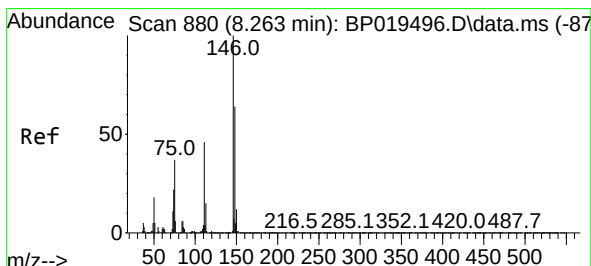
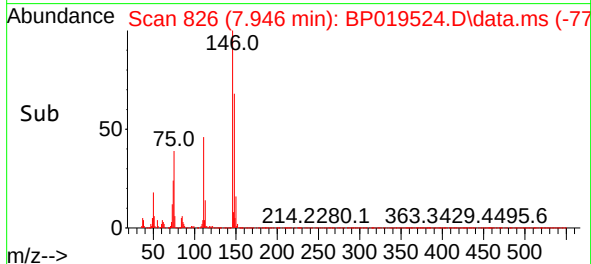
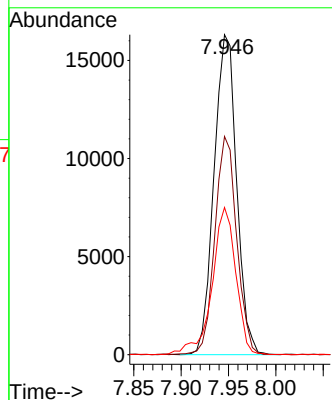
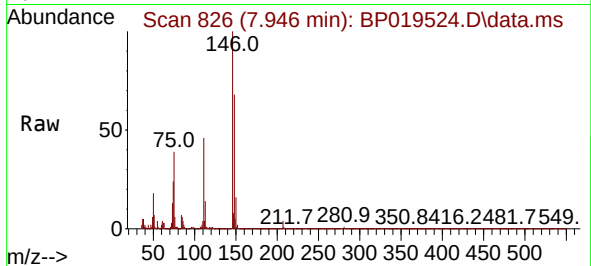




#13
1,4-Dichlorobenzene
Concen: 5.072 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

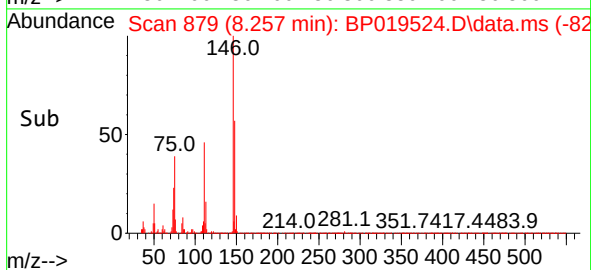
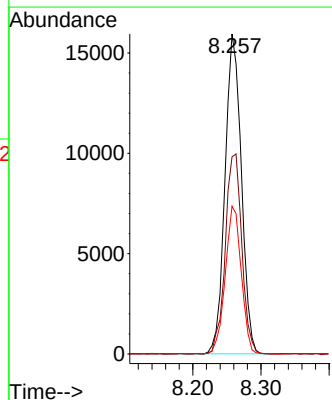
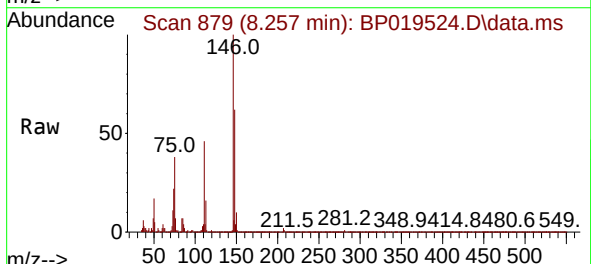
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

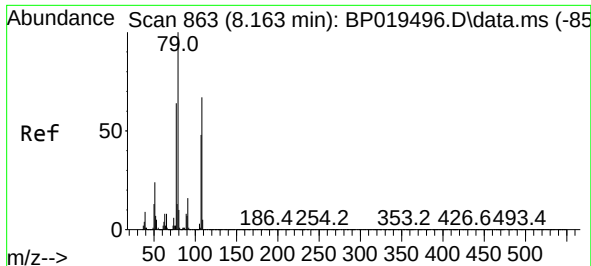
Tgt Ion:146 Resp: 27043
Ion Ratio Lower Upper
146 100
148 68.2 51.9 77.9
111 46.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 5.160 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:146 Resp: 26619
Ion Ratio Lower Upper
146 100
148 61.6 51.4 77.0
111 46.1 37.0 55.6

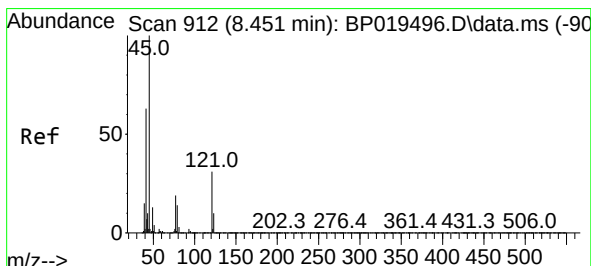
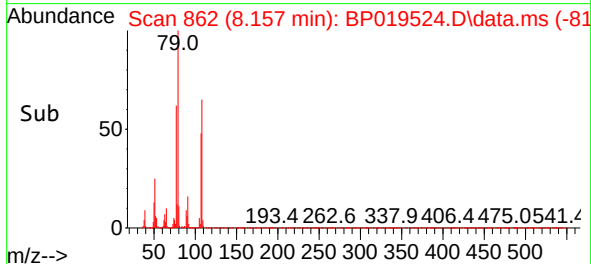
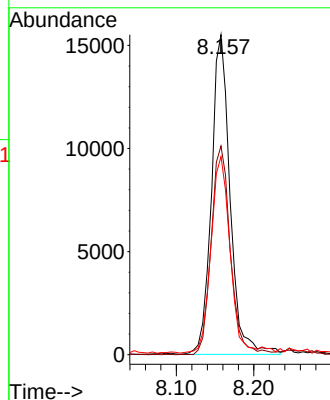
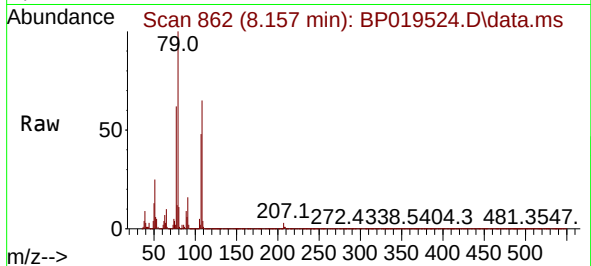




#15
Benzyl Alcohol
Concen: 5.730 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

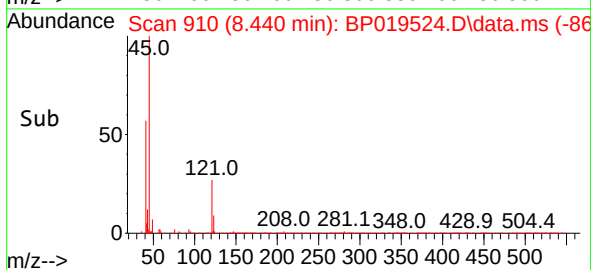
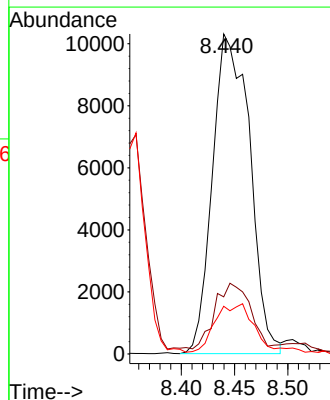
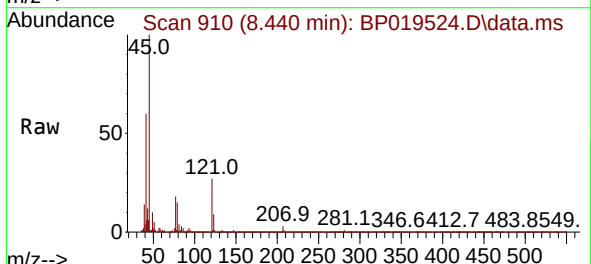
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

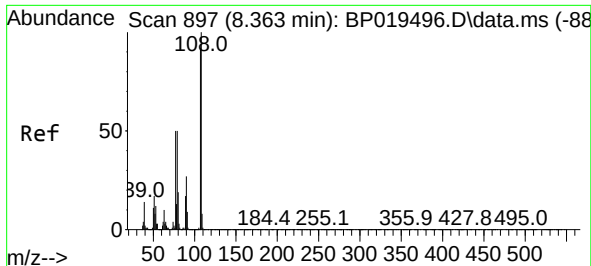
Tgt Ion: 79	Resp: 25863
Ion Ratio	Lower Upper
79 100	
108 65.2	53.8 80.6
77 61.9	51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.718 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.011 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion: 45	Resp: 25044
Ion Ratio	Lower Upper
45 100	
77 17.9	0.8 40.8
79 14.9	0.0 35.5

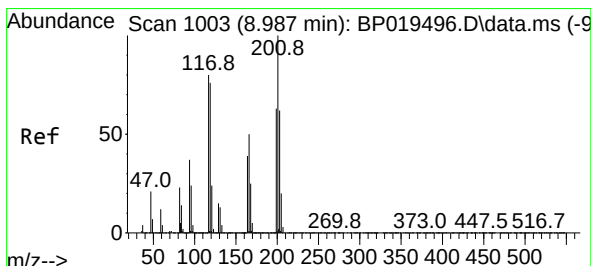
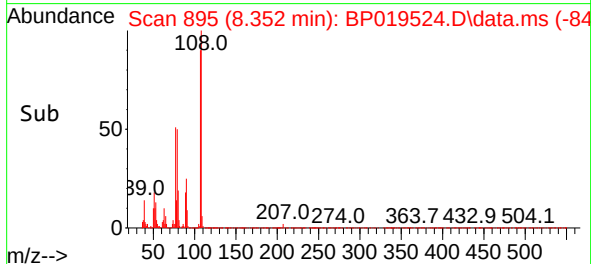
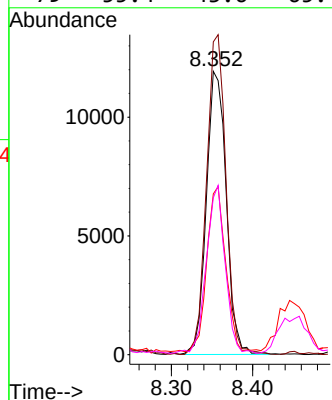
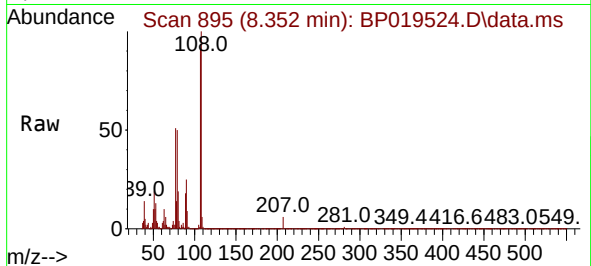




#17
2-Methylphenol
Concen: 5.326 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

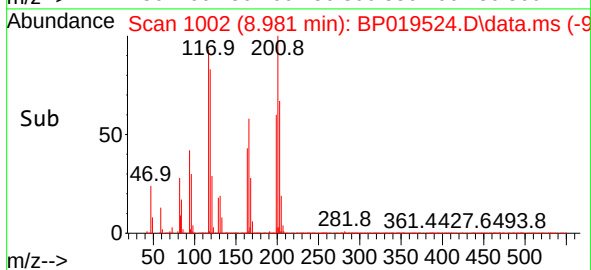
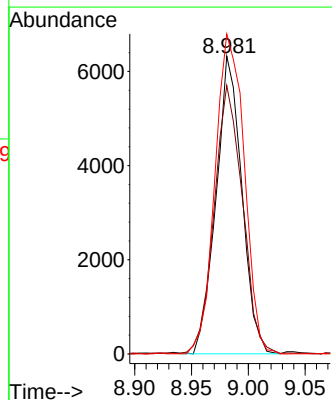
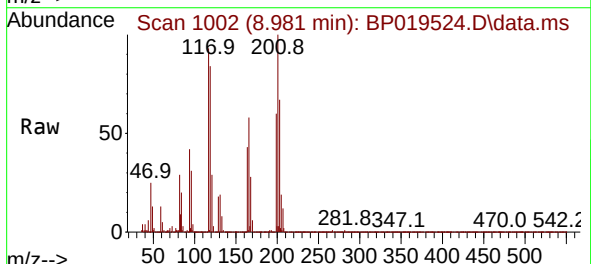
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

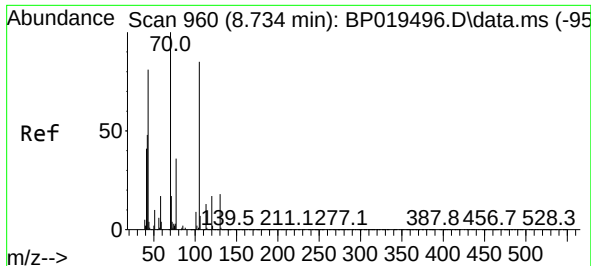
Tgt Ion:	107	Resp:	20189
Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.0	130.6
77	56.8	43.5	65.3
79	55.4	43.6	65.4



#18
Hexachloroethane
Concen: 4.819 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:	117	Resp:	9960
Ion	Ratio	Lower	Upper
117	100		
119	90.1	75.5	113.3
201	111.1	99.4	149.2

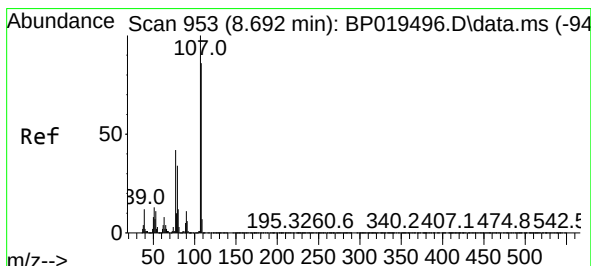
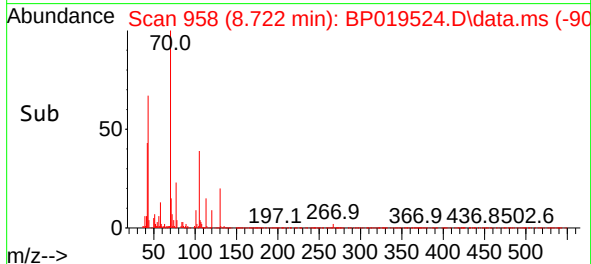
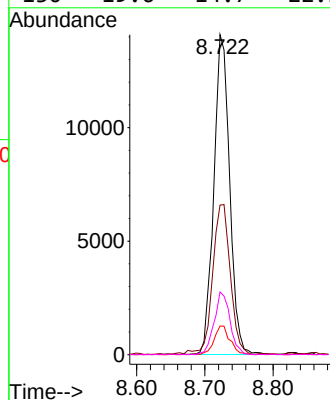
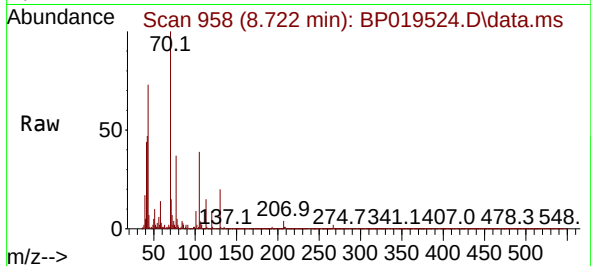




#19
n-Nitroso-di-n-propylamine
Concen: 5.919 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

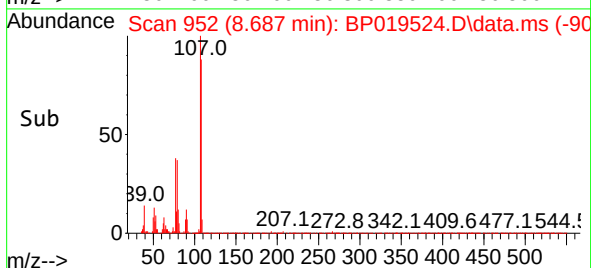
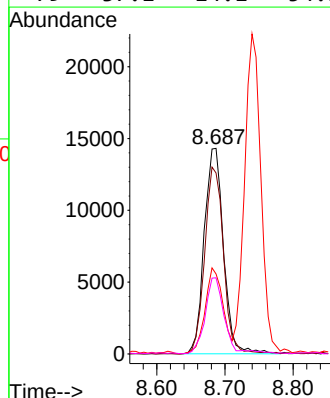
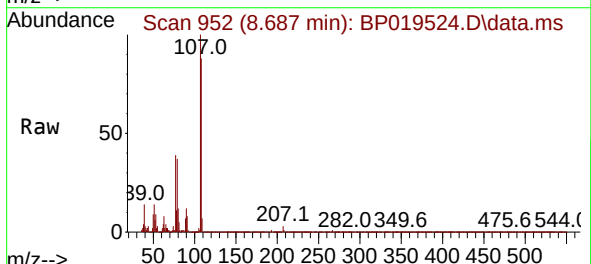
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

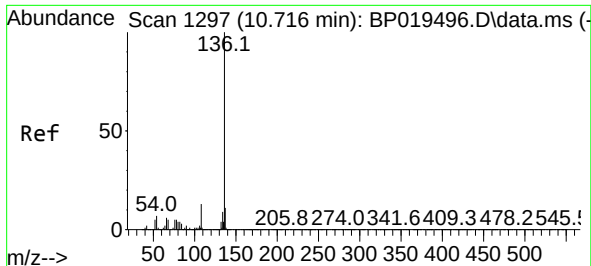
Tgt Ion: 70	Resp: 22839
Ion Ratio	Lower Upper
70 100	
42 46.7	39.2 58.8
101 9.0	7.3 10.9
130 19.6	14.7 22.1



#20
3+4-Methylphenols
Concen: 5.448 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt	Ion:107	Resp:	28180
Ion	Ratio	Lower	Upper
107	100		
108	88.0	65.5	105.5
77	38.9	21.8	61.8
79	37.1	14.1	54.1

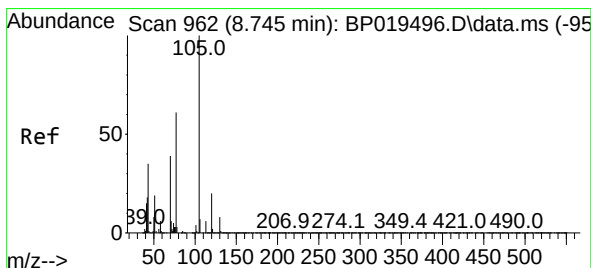
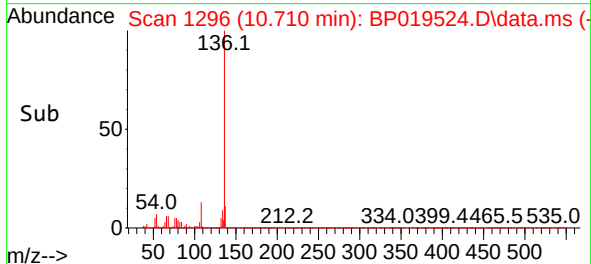
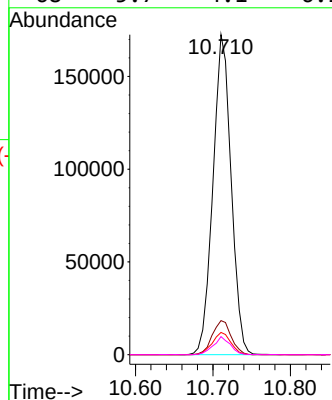
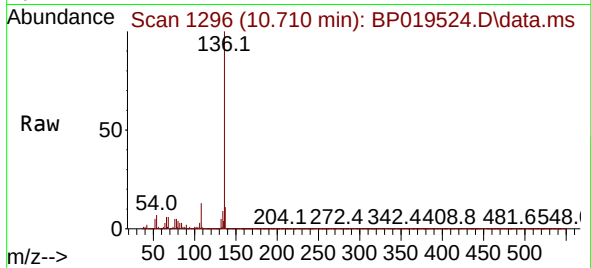




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

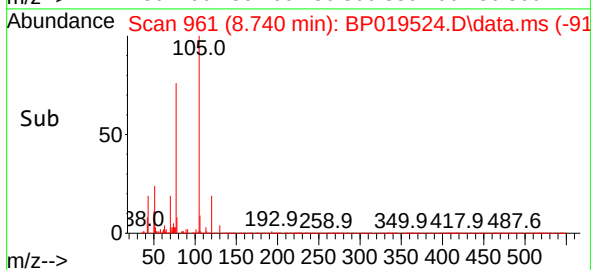
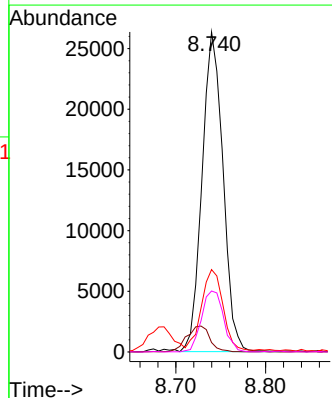
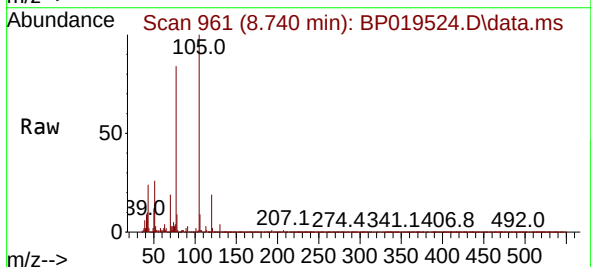
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

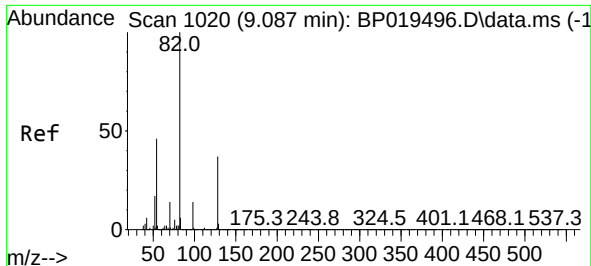
Tgt Ion:	136	Resp:	281300
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.3	7.9
68	5.7	4.1	6.1



#22
Acetophenone
Concen: 5.321 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:	105	Resp:	42640
Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.9	7.3#
51	25.7	20.7	31.1
120	19.1	15.8	23.8





#23

Nitrobenzene-d5

Concen: 89.675 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

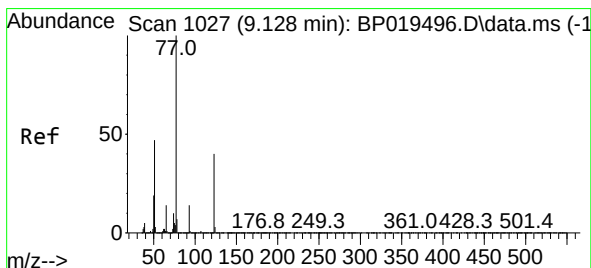
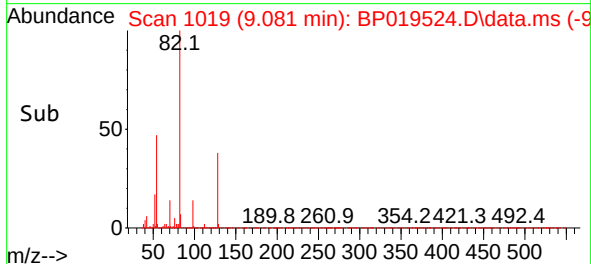
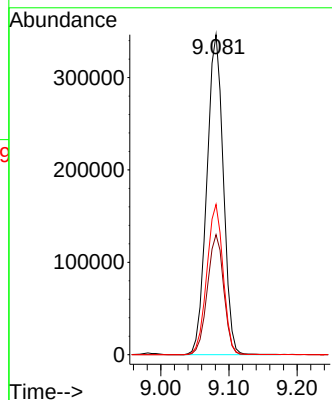
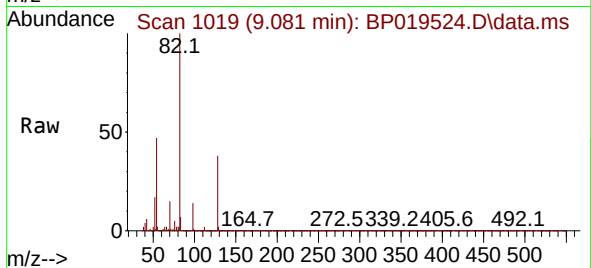
Tgt Ion: 82 Resp: 582154

Ion Ratio Lower Upper

82 100

128 37.5 29.7 44.5

54 46.9 36.8 55.2



#24

Nitrobenzene

Concen: 5.228 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

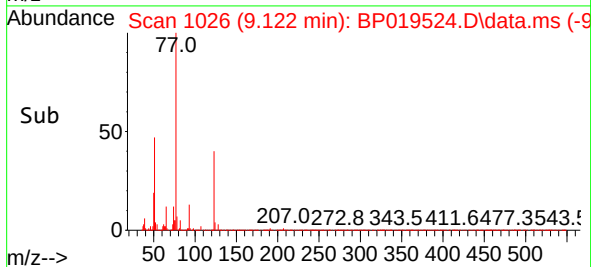
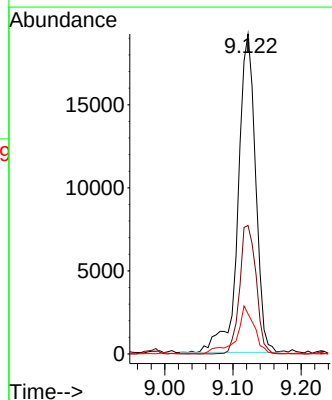
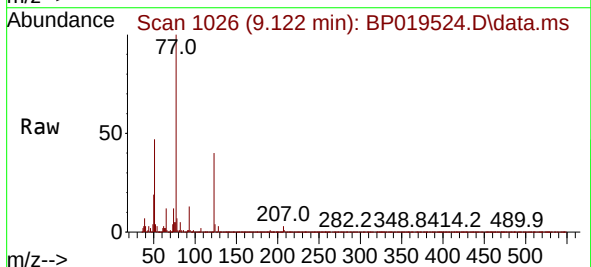
Tgt Ion: 77 Resp: 34169

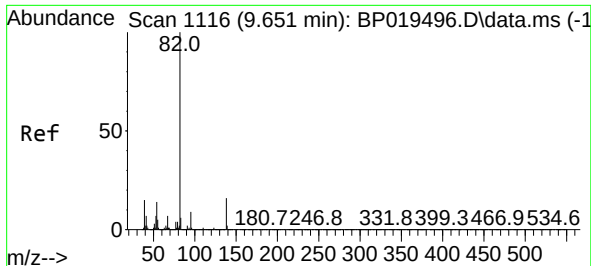
Ion Ratio Lower Upper

77 100

123 40.2 32.3 48.5

65 12.5 11.6 17.4

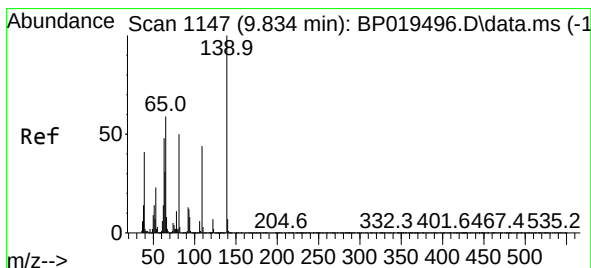
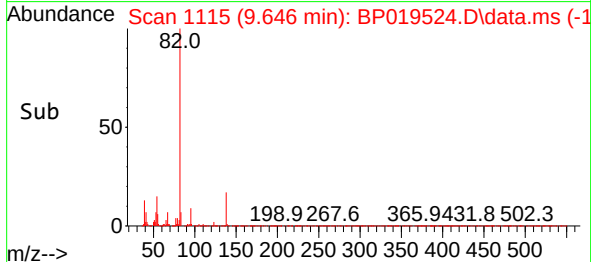
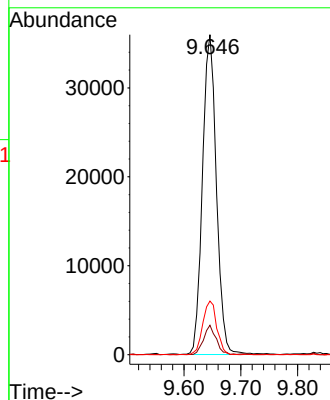
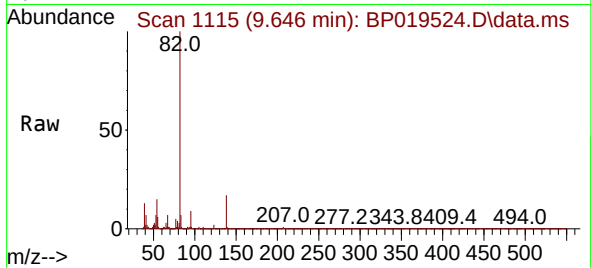




#25
Isophorone
Concen: 5.421 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

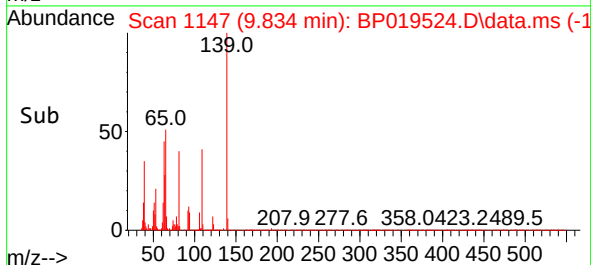
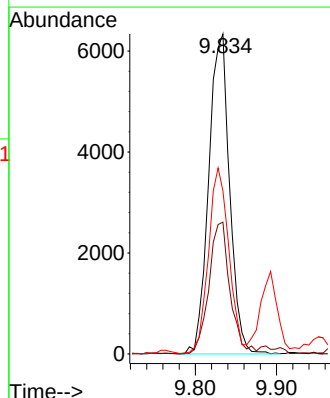
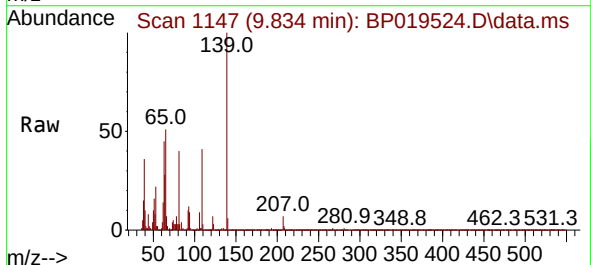
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

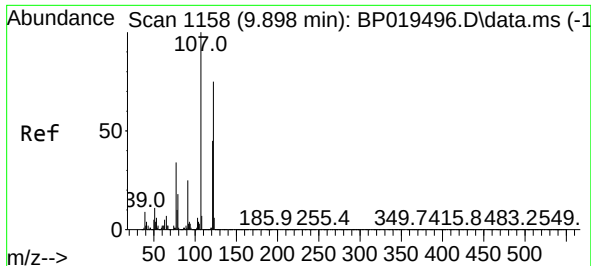
Tgt Ion:	82	Resp:	61289
Ion	Ratio	Lower	Upper
82	100		
95	9.2	7.0	10.4
138	16.7	13.1	19.7



#26
2-Nitrophenol
Concen: 4.536 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:	139	Resp:	11306
Ion	Ratio	Lower	Upper
139	100		
109	41.2	34.9	52.3
65	51.0	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 6.242 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

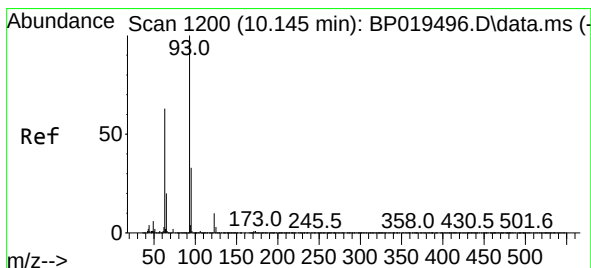
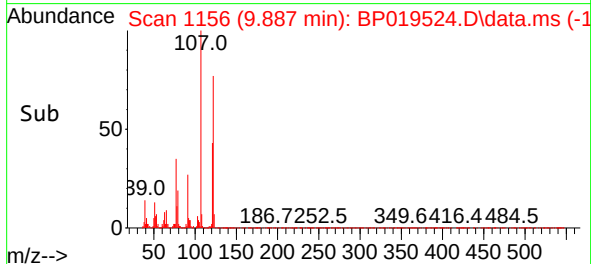
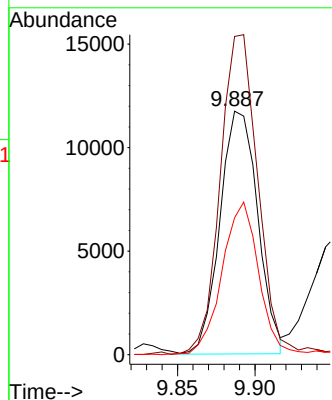
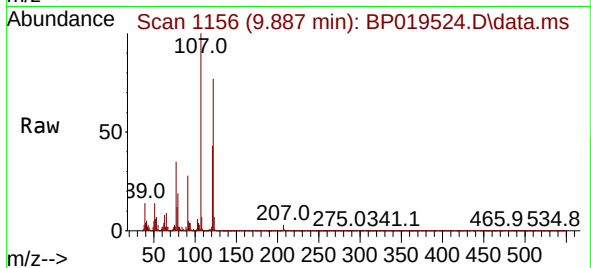
Tgt Ion:122 Resp: 19892

Ion Ratio Lower Upper

122 100

107 130.7 105.9 158.9

121 56.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 5.280 ng

RT: 10.140 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

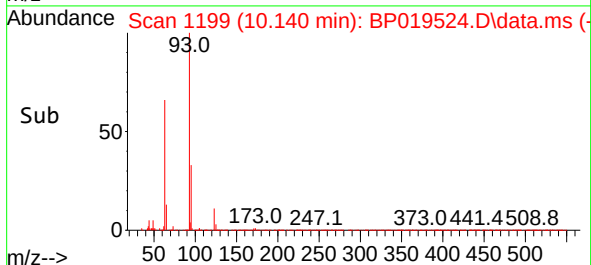
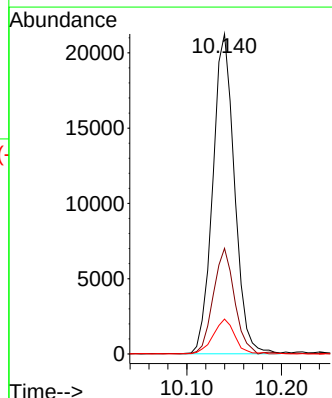
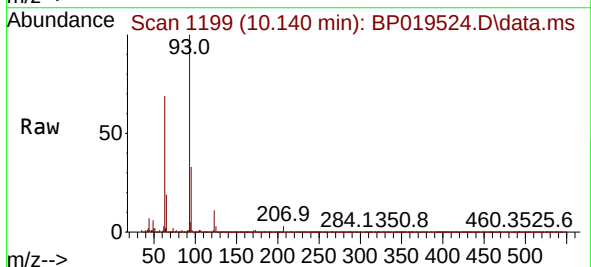
Tgt Ion: 93 Resp: 33775

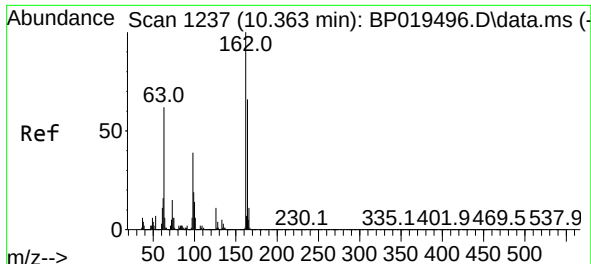
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 10.9 8.5 12.7

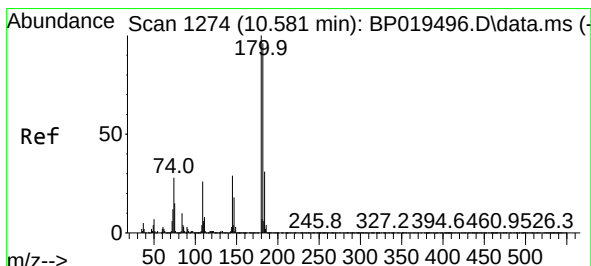
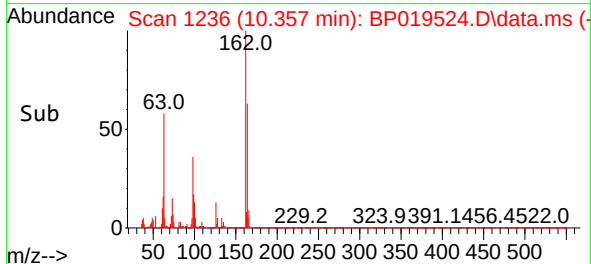
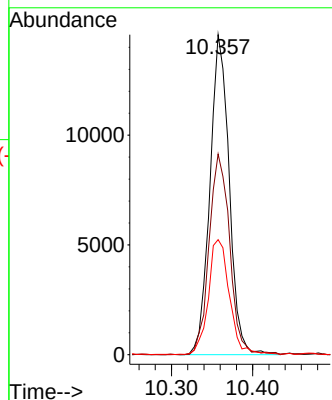
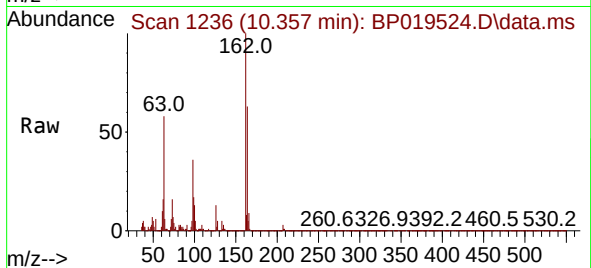




#29
2,4-Dichlorophenol
Concen: 4.978 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

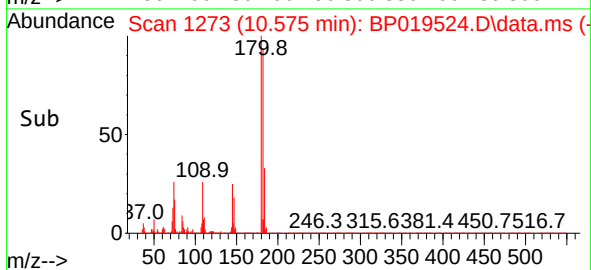
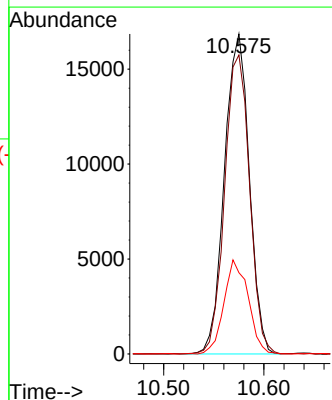
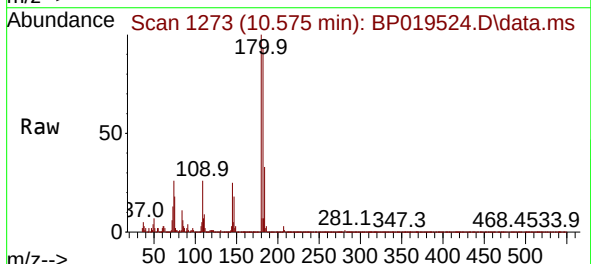
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

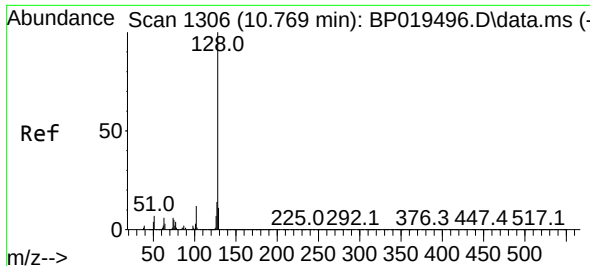
Tgt Ion:162	Resp:	23982	
Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.0	86.0
98	35.9	18.7	58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.916 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:180	Resp:	29037	
Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.0	115.6
145	25.4	23.2	34.8

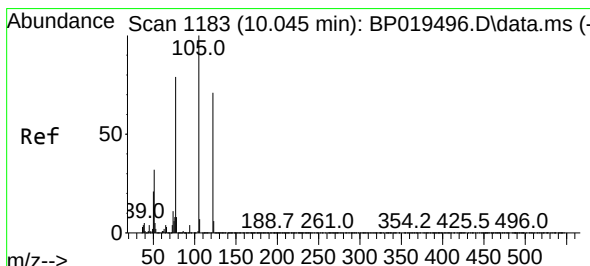
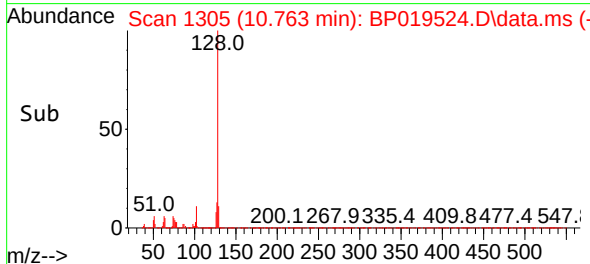
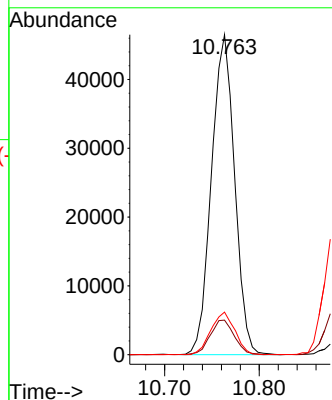
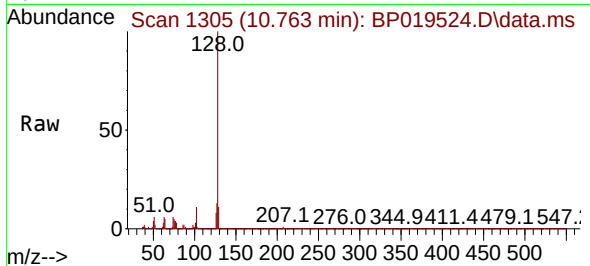




#31
Naphthalene
Concen: 5.123 ng
RT: 10.763 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

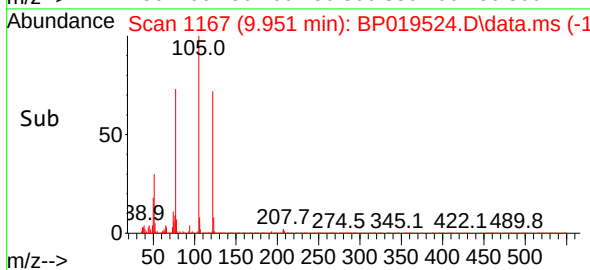
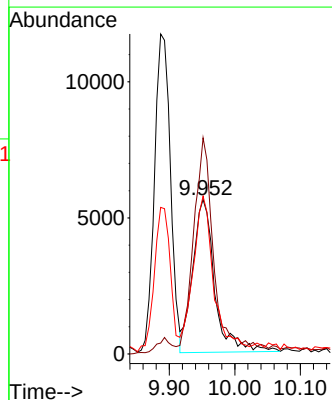
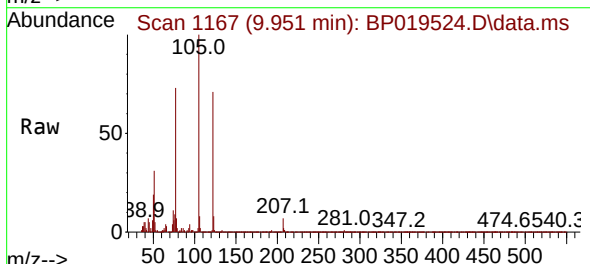
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023

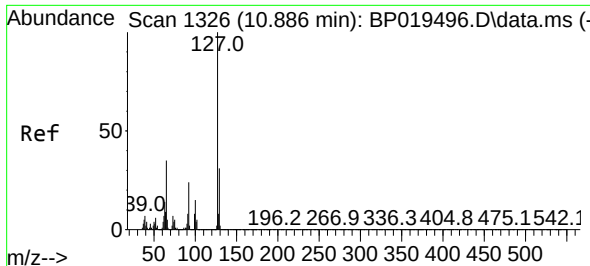
Tgt Ion:128 Resp: 79036
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 4.210 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.094 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:122 Resp: 13072
Ion Ratio Lower Upper
122 100
105 140.0 118.8 158.8
77 102.1 91.7 131.7

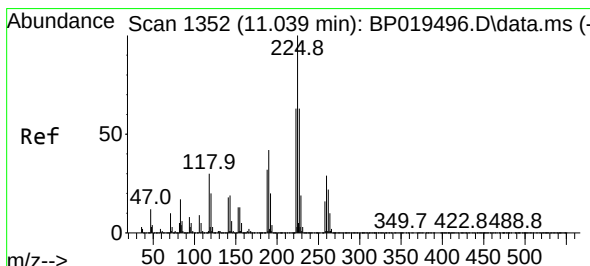
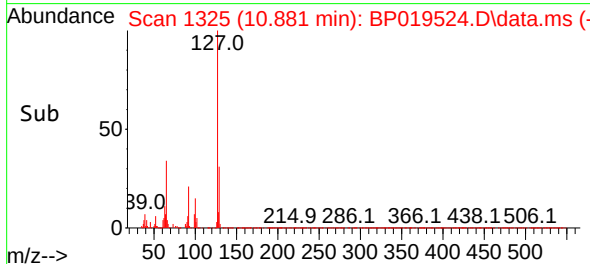
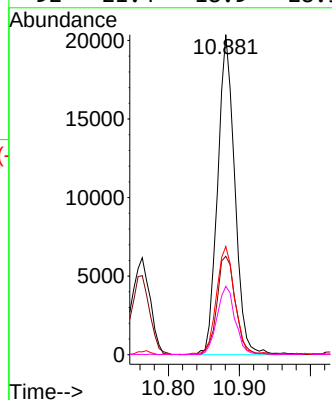
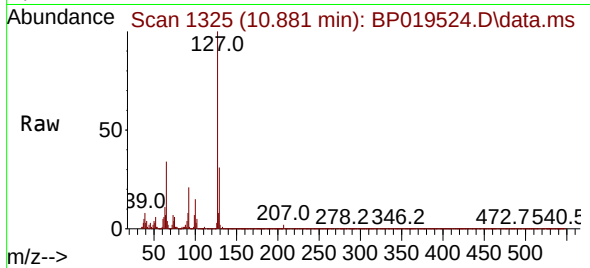




#33
4-Chloroaniline
Concen: 5.945 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

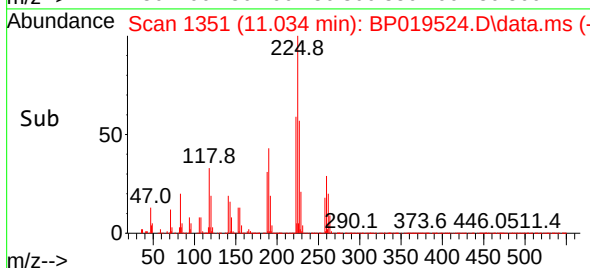
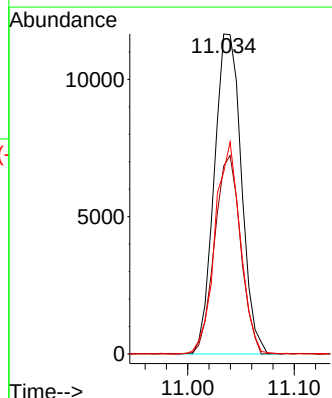
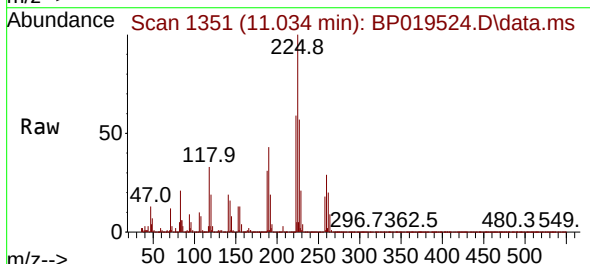
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

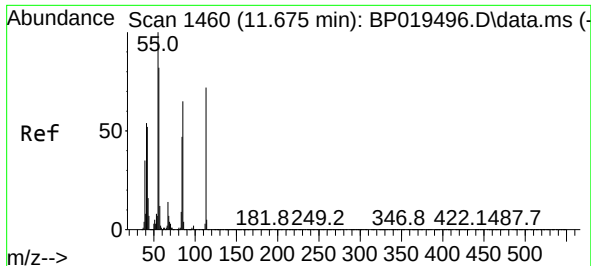
Tgt Ion:	127	Resp:	33922
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.6	36.8
65	33.8	28.2	42.4
92	21.4	18.9	28.3



#34
Hexachlorobutadiene
Concen: 4.700 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:	225	Resp:	20573
Ion	Ratio	Lower	Upper
225	100		
223	58.8	50.5	75.7
227	56.9	50.2	75.2

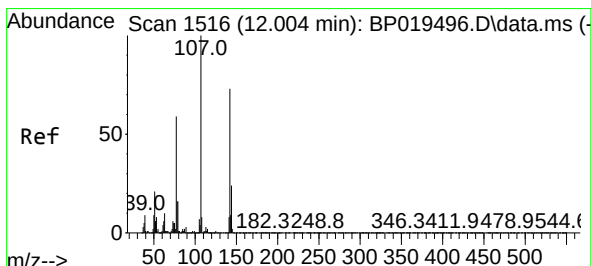
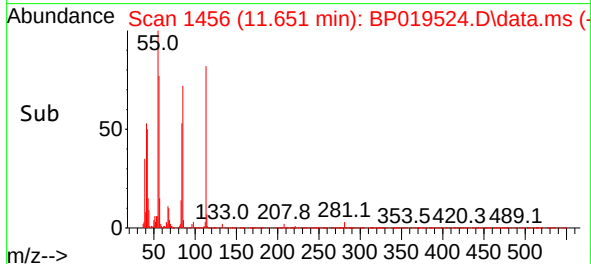
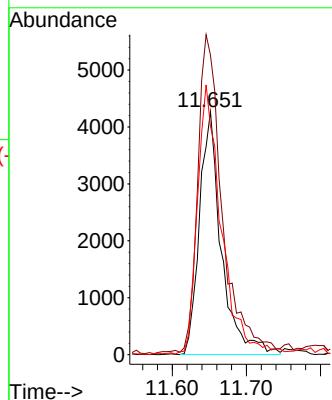
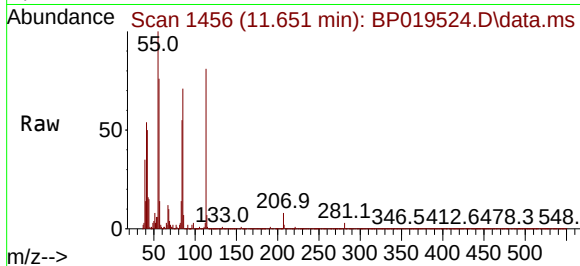




#35
Caprolactam
Concen: 6.424 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

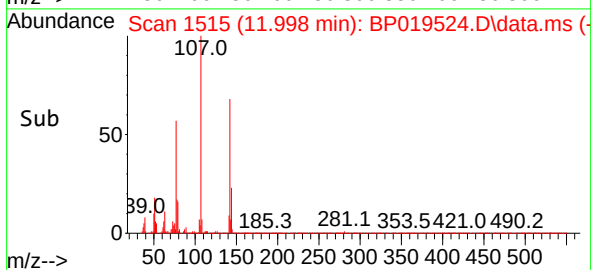
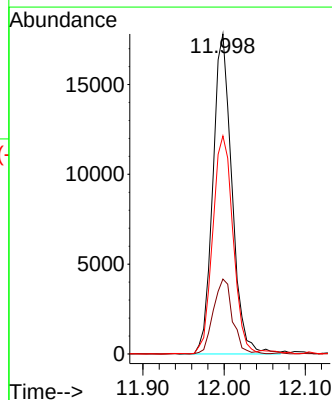
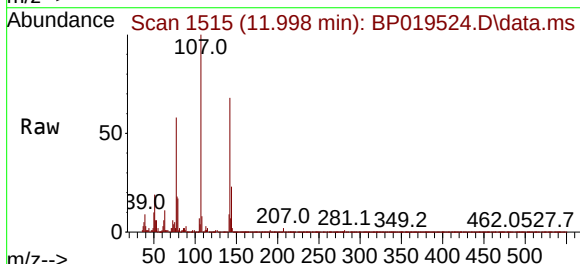
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

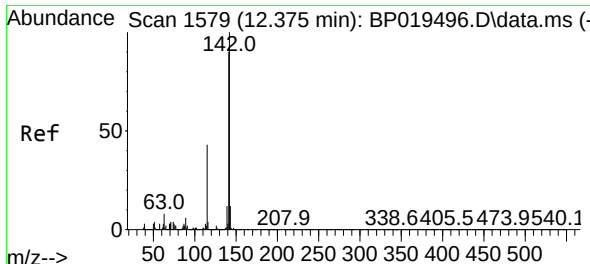
Tgt Ion	Ratio	Lower	Upper
113	100		
55	123.2	120.0	160.0
56	94.0	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 5.532 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.0	28.4
142	68.1	58.6	88.0

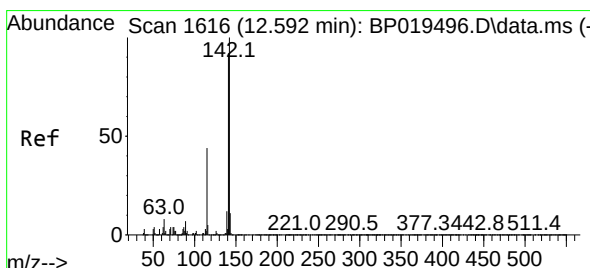
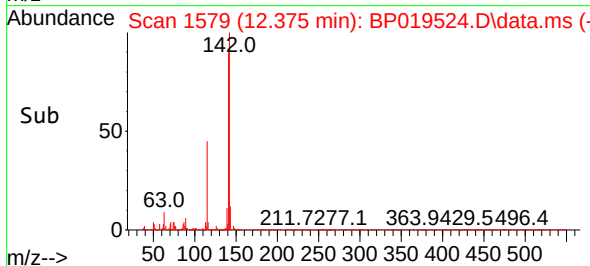
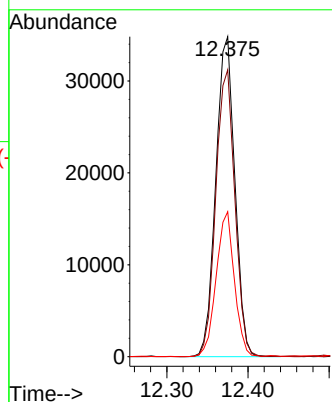
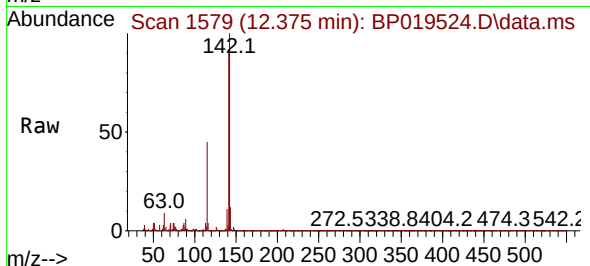




#37
2-Methylnaphthalene
Concen: 5.326 ng
RT: 12.375 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

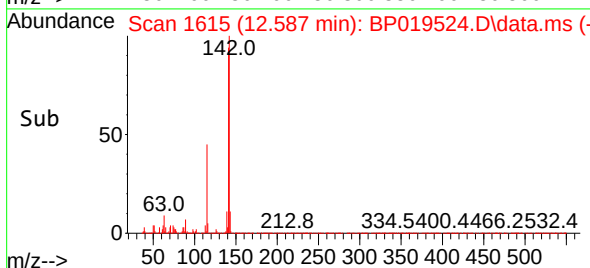
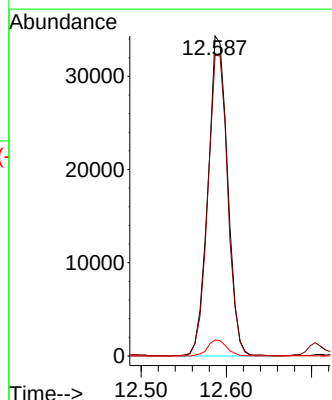
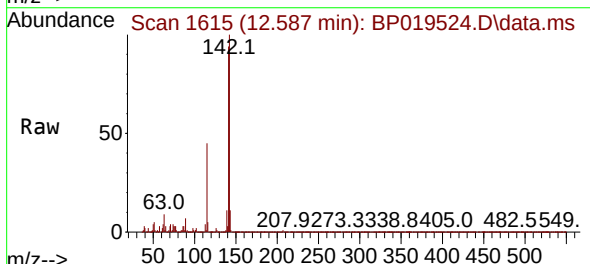
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

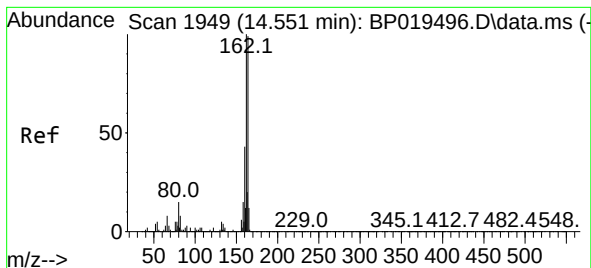
Tgt Ion:142 Resp: 56862
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4
115 45.3 34.2 51.2



#38
1-Methylnaphthalene
Concen: 5.242 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:142 Resp: 55004
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0
116 5.0 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

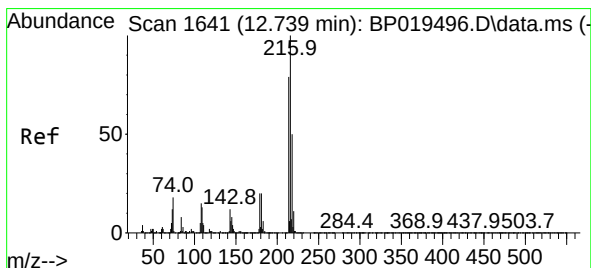
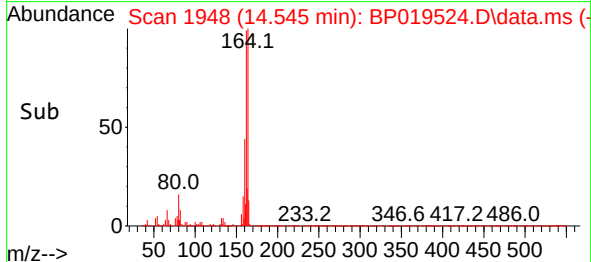
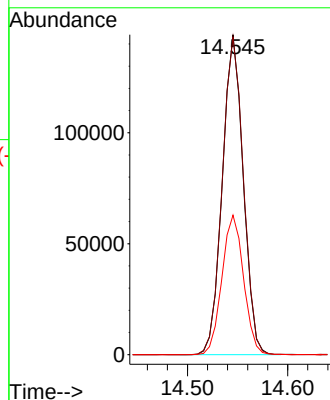
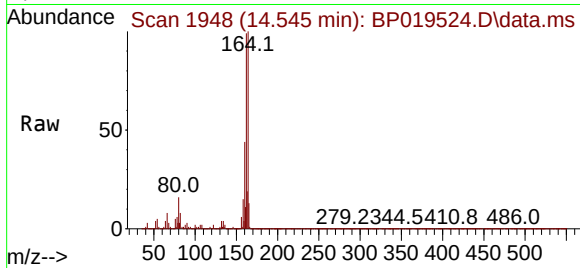
Tgt Ion:164 Resp: 207879

Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.775 ng

RT: 12.734 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Tgt Ion:216 Resp: 38283

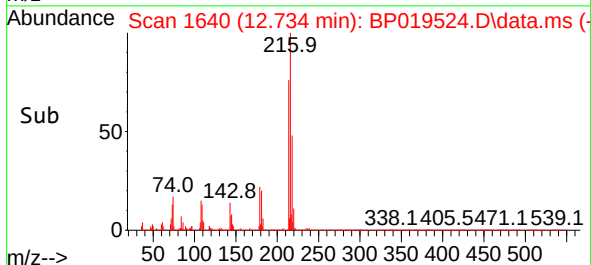
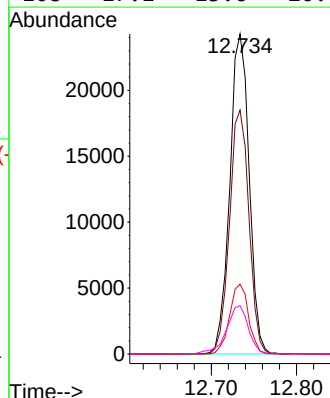
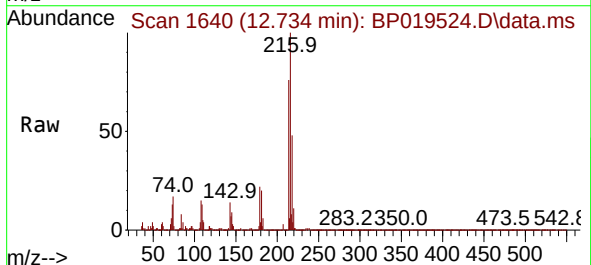
Ion Ratio Lower Upper

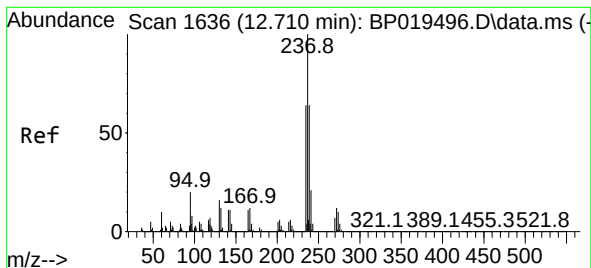
216 100

214 76.5 62.8 94.2

179 21.5 16.6 24.8

108 17.1 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 5.116 ng

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

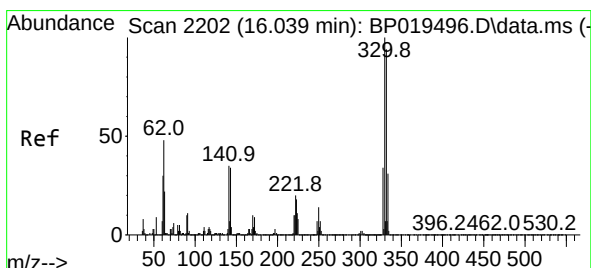
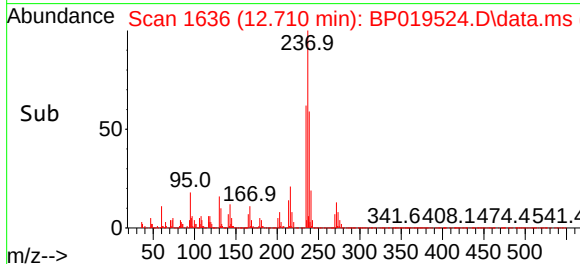
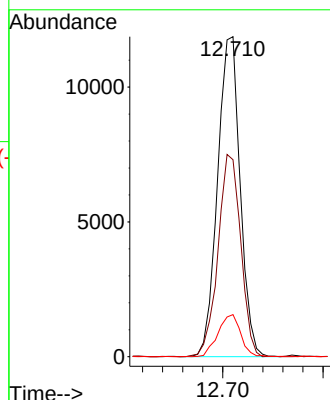
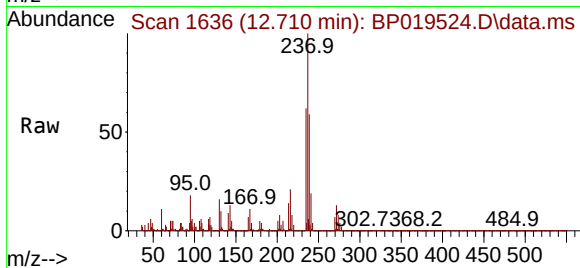
Tgt Ion:237 Resp: 18528

Ion Ratio Lower Upper

237 100

235 61.6 43.7 83.7

272 13.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 118.934 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

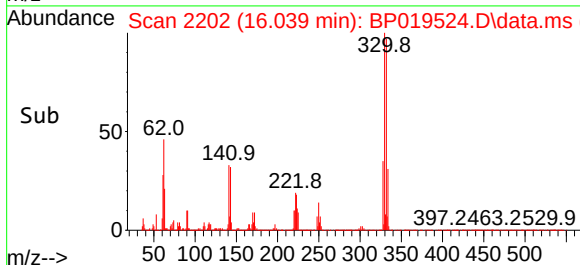
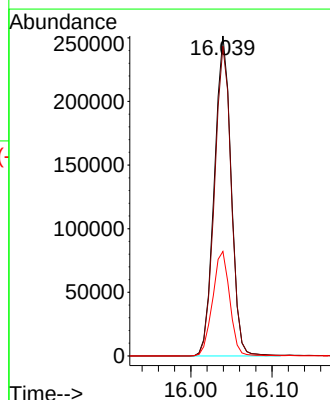
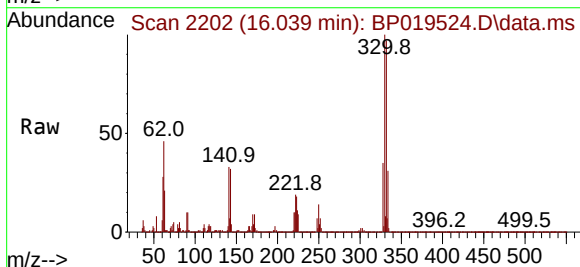
Tgt Ion:330 Resp: 360987

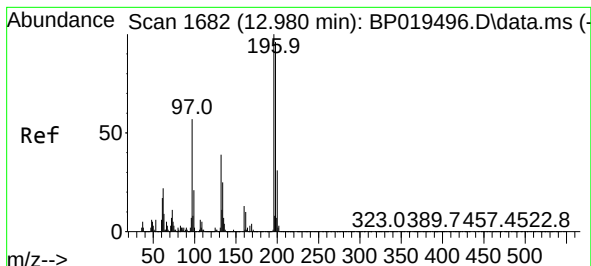
Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 33.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 4.606 ng

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

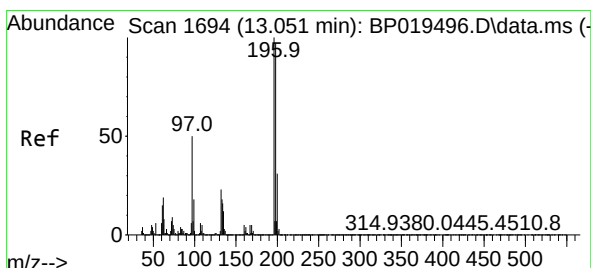
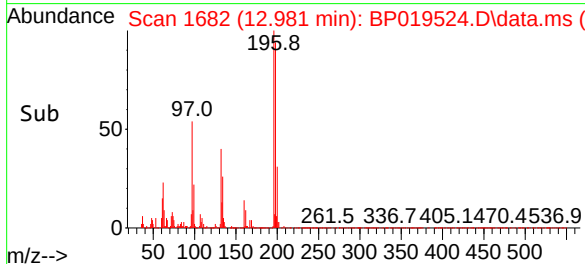
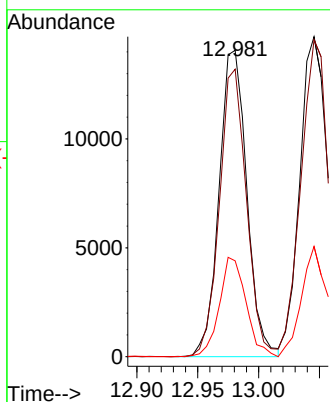
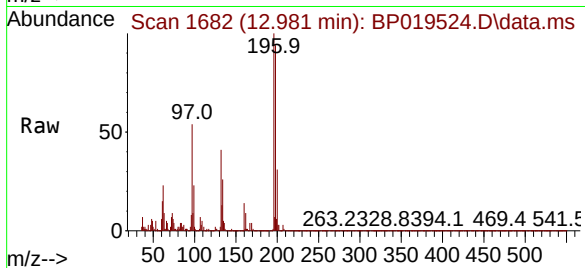
Tgt Ion:196 Resp: 22360

Ion Ratio Lower Upper

196 100

198 93.9 76.7 115.1

200 31.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 4.577 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Tgt Ion:196 Resp: 24397

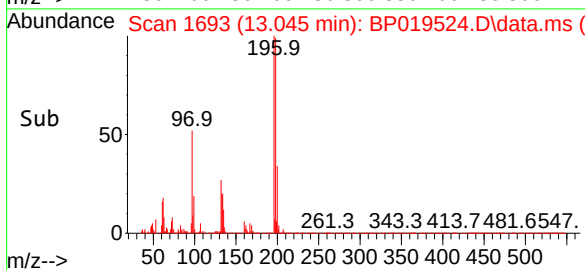
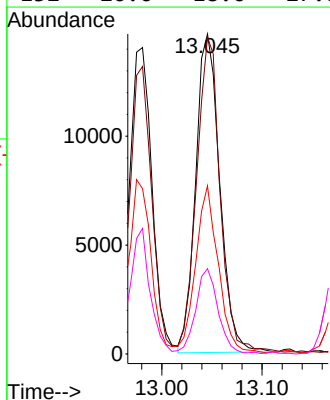
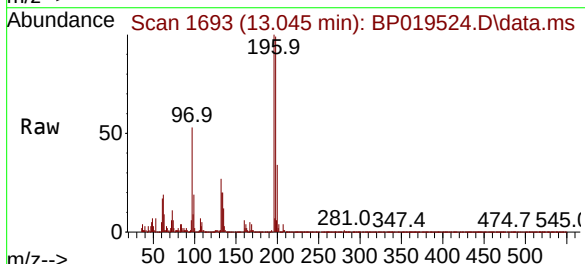
Ion Ratio Lower Upper

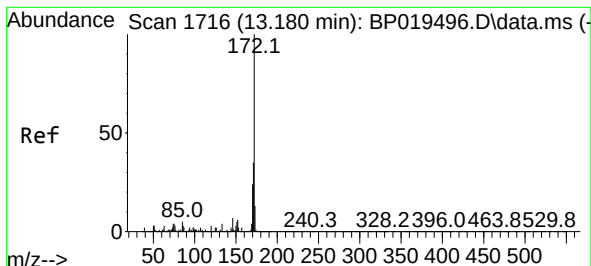
196 100

198 99.1 77.5 116.3

97 52.6 39.9 59.9

132 26.6 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 83.525 ng

RT: 13.175 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

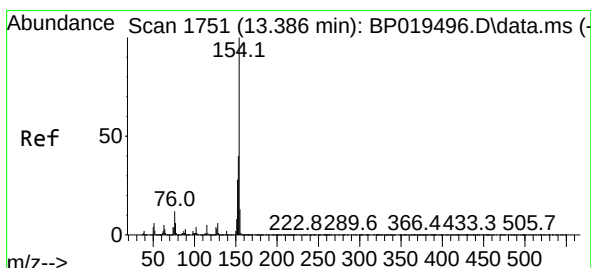
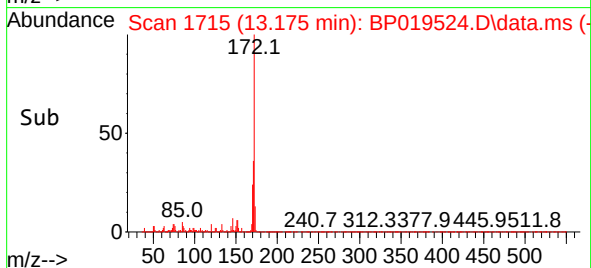
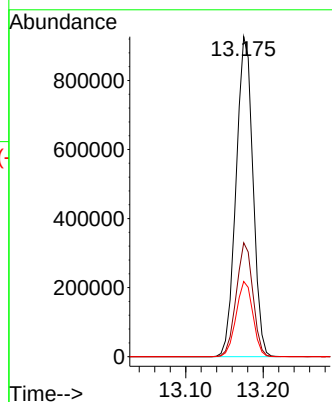
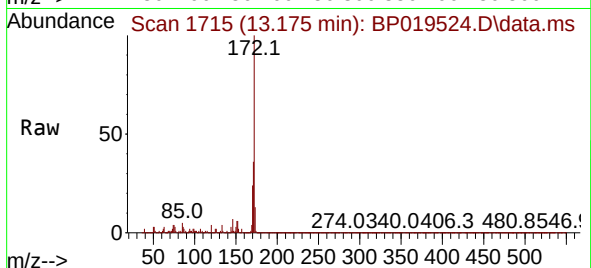
Tgt Ion:172 Resp: 1404519

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 5.017 ng

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

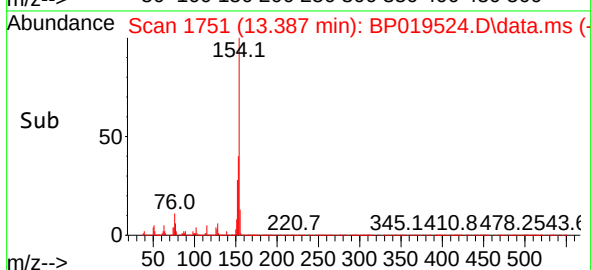
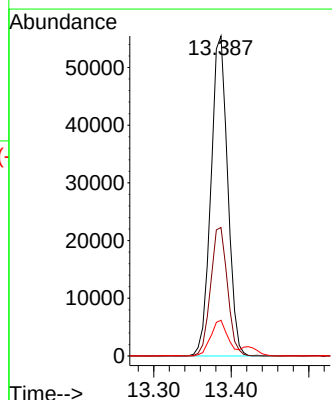
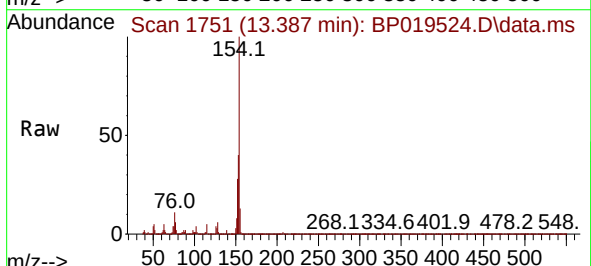
Tgt Ion:154 Resp: 83237

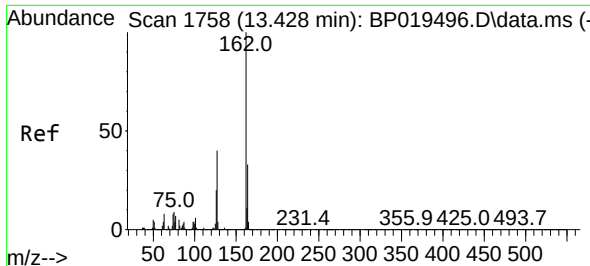
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 11.1 0.0 31.6

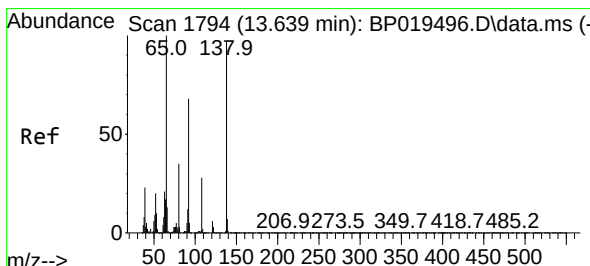
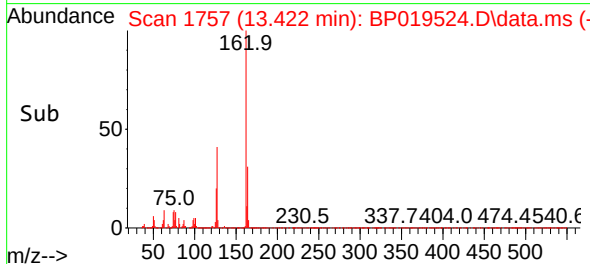
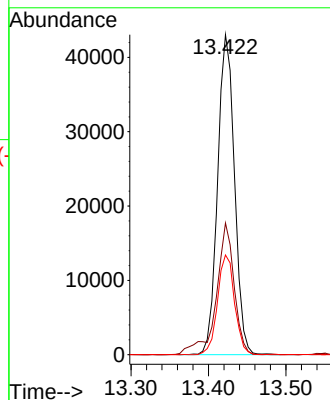
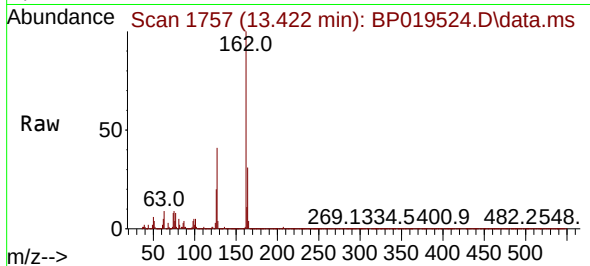




#47
2-Chloronaphthalene
Concen: 4.784 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

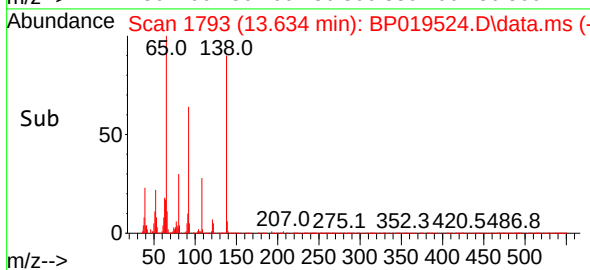
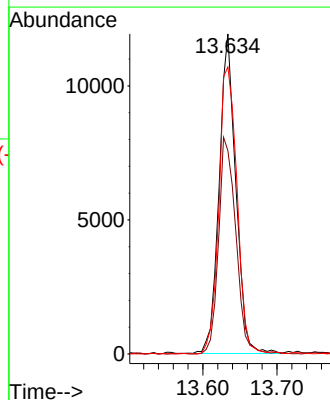
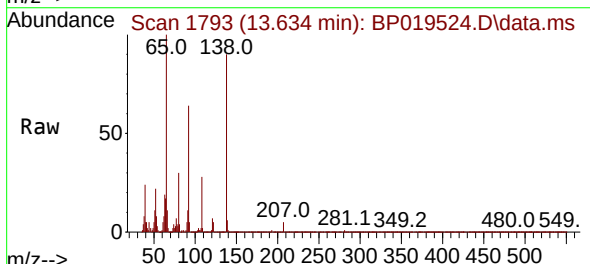
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023

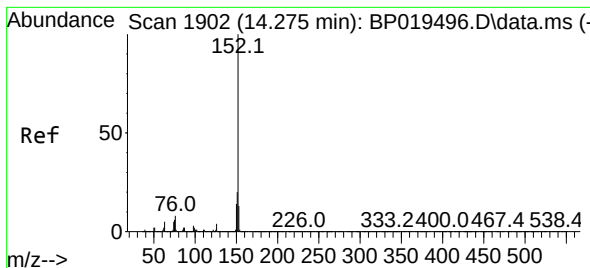
Tgt Ion:	162	Resp:	65154
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.1	48.1
164	31.2	26.7	40.1



#48
2-Nitroaniline
Concen: 4.895 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:	65	Resp:	18642
Ion	Ratio	Lower	Upper
65	100		
92	63.5	54.7	82.1
138	89.7	77.8	116.6





#49

Acenaphthylene

Concen: 5.488 ng

RT: 14.269 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

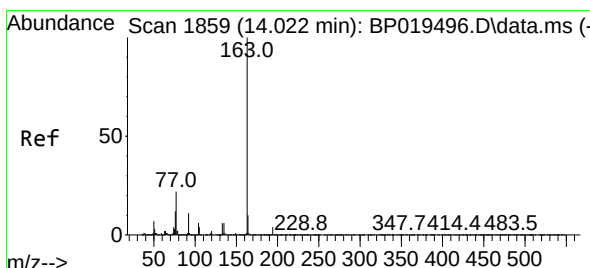
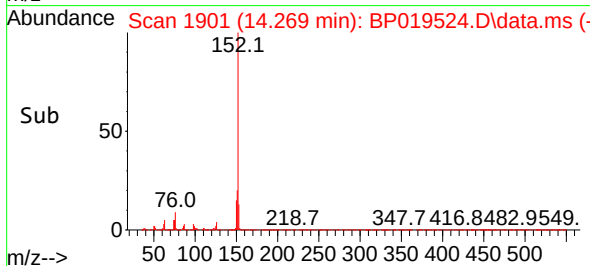
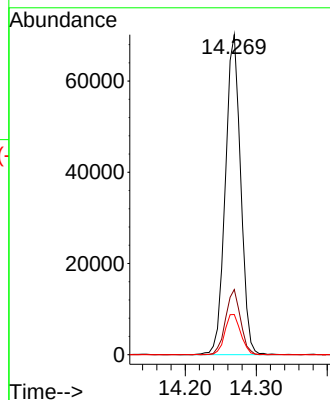
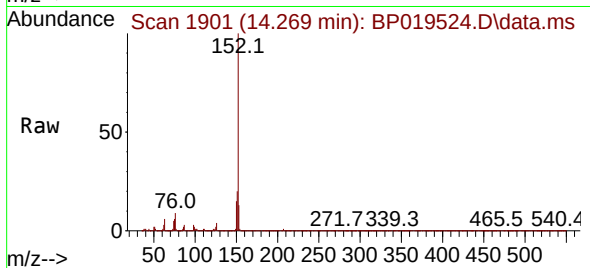
Tgt Ion:152 Resp: 104872

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.6

153 12.5 10.6 15.8



#50

Dimethylphthalate

Concen: 5.423 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

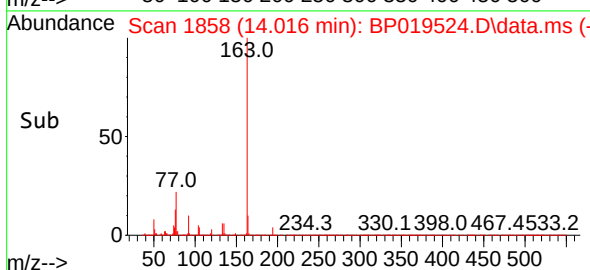
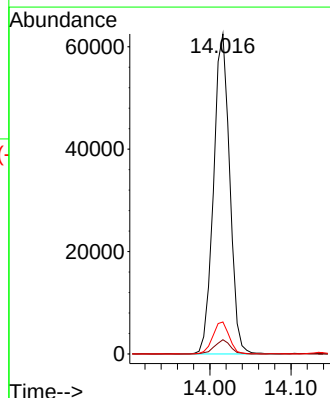
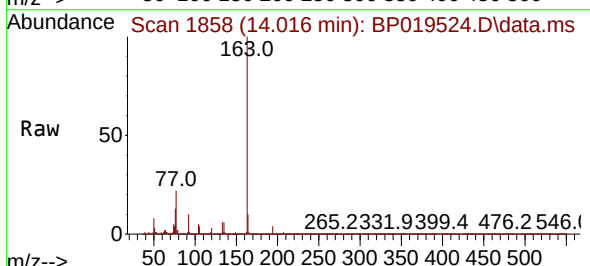
Tgt Ion:163 Resp: 86295

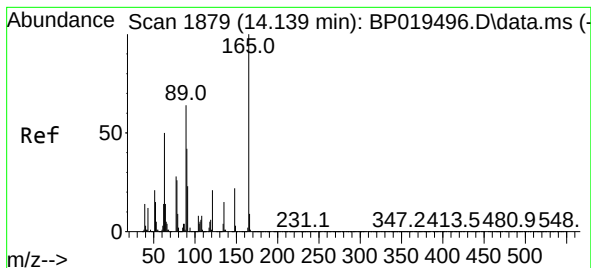
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 4.975 ng

RT: 14.134 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

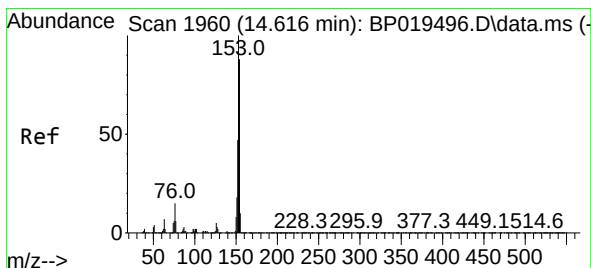
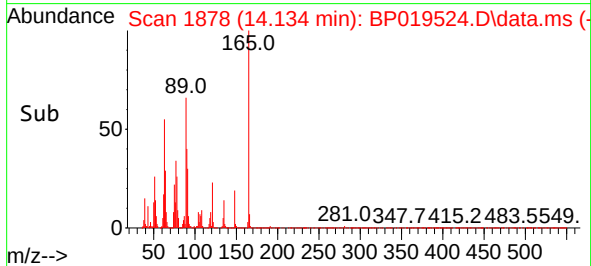
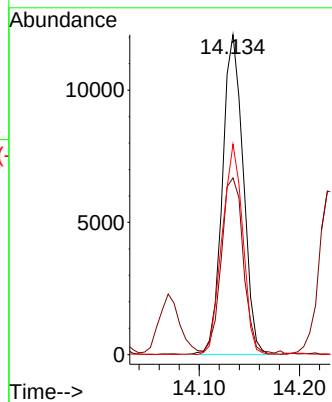
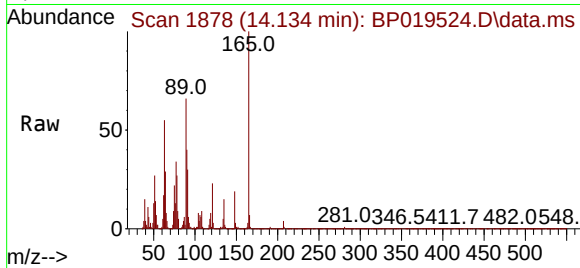
Tgt Ion:165 Resp: 17396

Ion Ratio Lower Upper

165 100

63 55.3 50.4 75.6

89 65.8 51.7 77.5



#52

Acenaphthene

Concen: 5.114 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

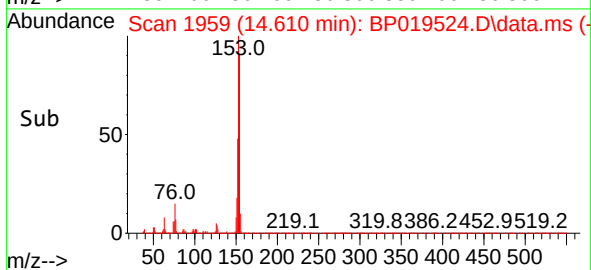
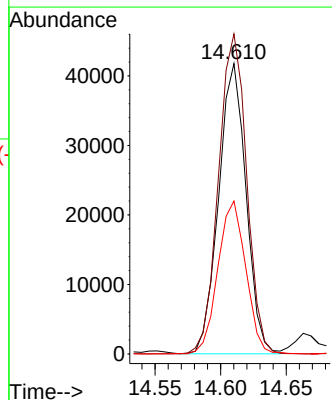
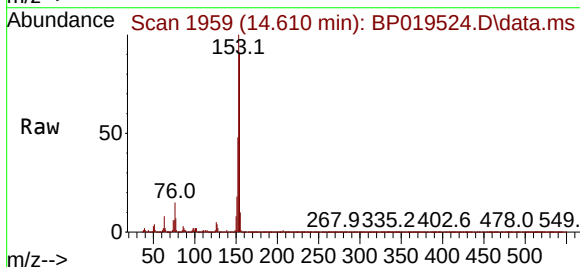
Tgt Ion:154 Resp: 60654

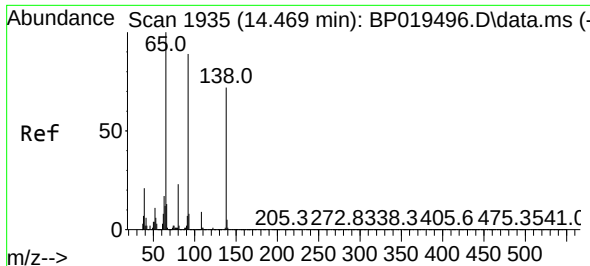
Ion Ratio Lower Upper

154 100

153 110.2 90.5 135.7

152 52.7 42.1 63.1

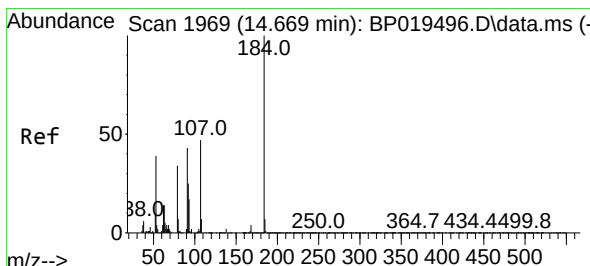
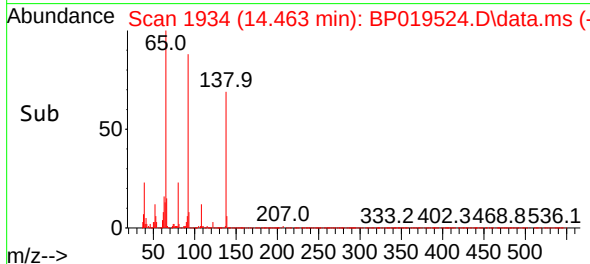
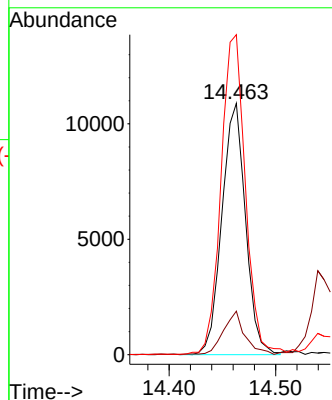
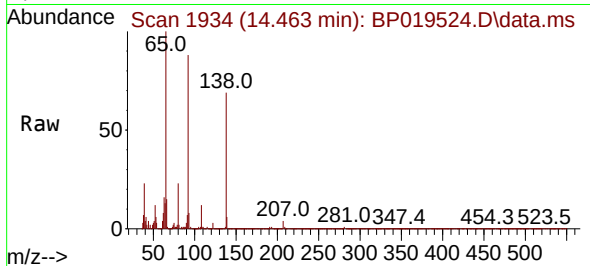




#53
3-Nitroaniline
Concen: 5.212 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

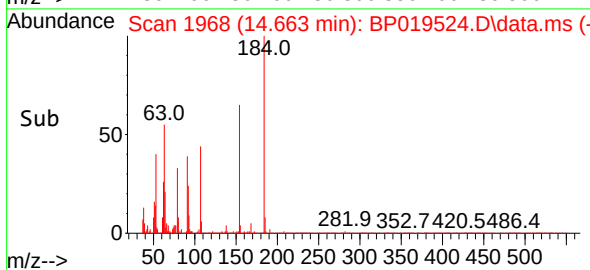
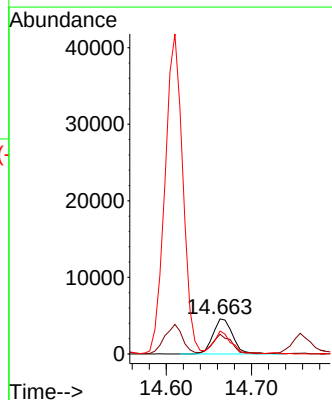
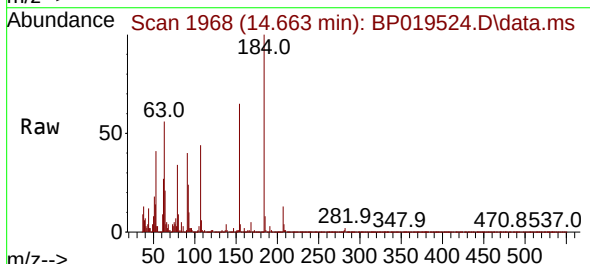
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

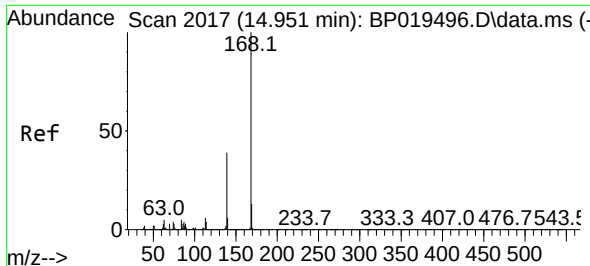
Tgt Ion:138 Resp: 16748
Ion Ratio Lower Upper
138 100
108 17.3 9.7 14.5#
92 127.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 4.060 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:184 Resp: 7370
Ion Ratio Lower Upper
184 100
63 56.4 50.5 75.7
154 65.2 53.4 80.0

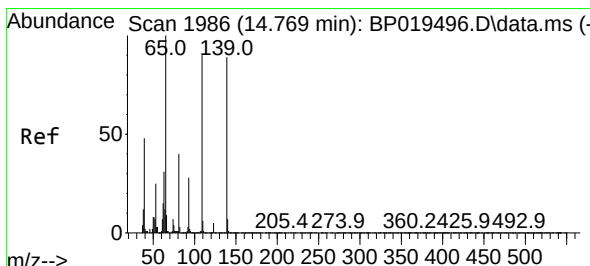
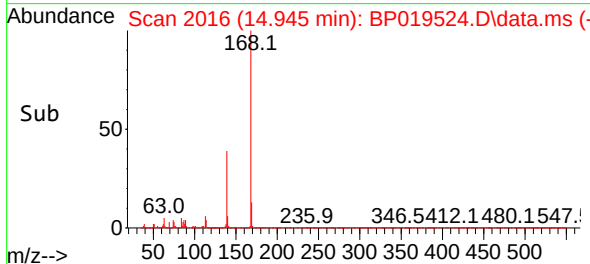
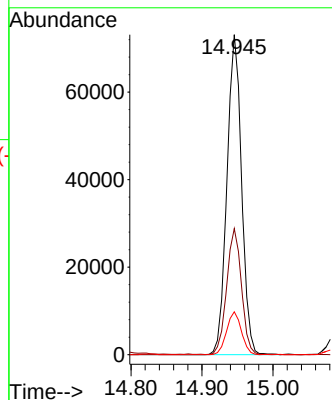
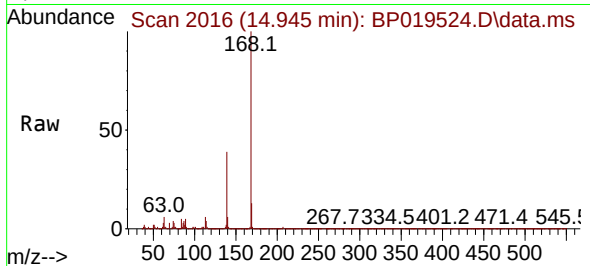




#55
Dibenzofuran
Concen: 5.398 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

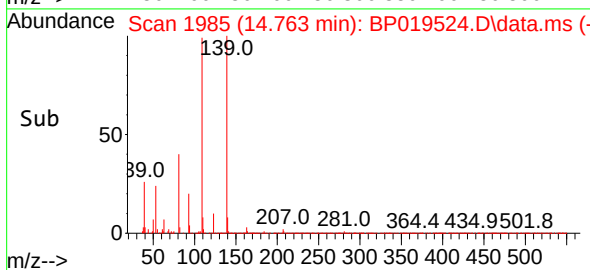
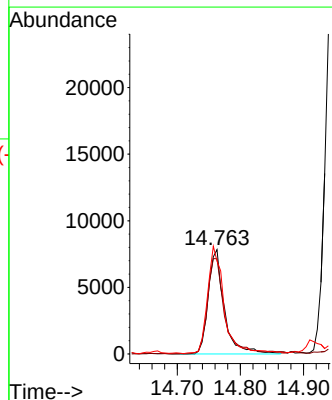
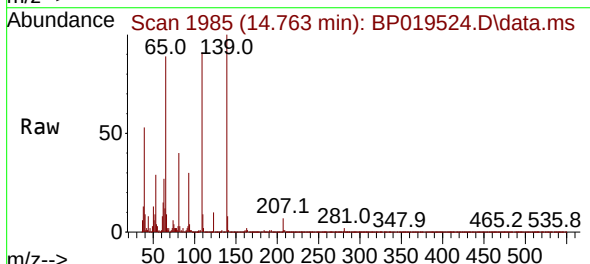
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023

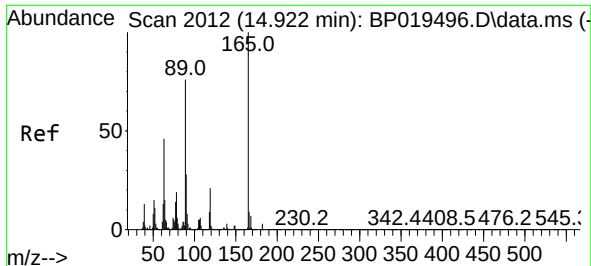
Tgt Ion:168	Resp: 104259
Ion Ratio	Lower Upper
168 100	
139 39.4	31.5 47.3
169 13.4	10.3 15.5



#56
4-Nitrophenol
Concen: 5.271 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:139	Resp: 13882		
Ion Ratio	Lower	Upper	
139 100			
109 91.2	82.0	122.0	
65 89.1	92.9	132.9#	

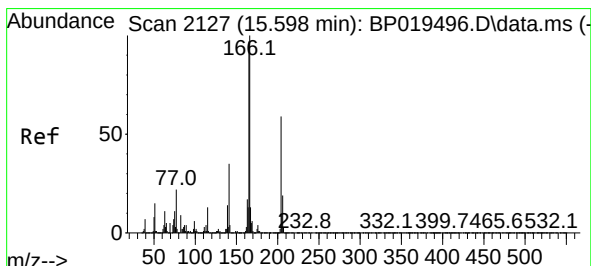
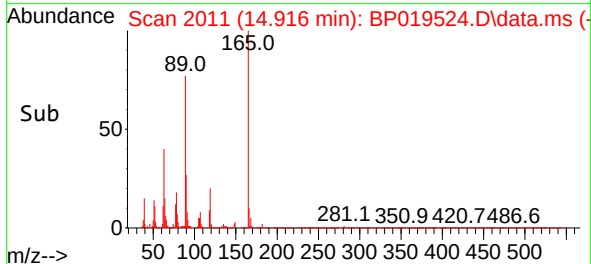
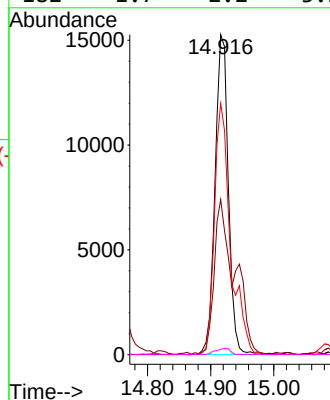
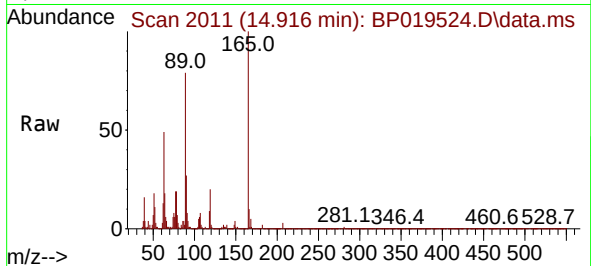




#57
2,4-Dinitrotoluene
Concen: 4.878 ng
RT: 14.916 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

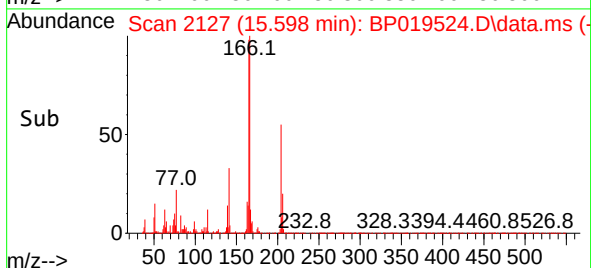
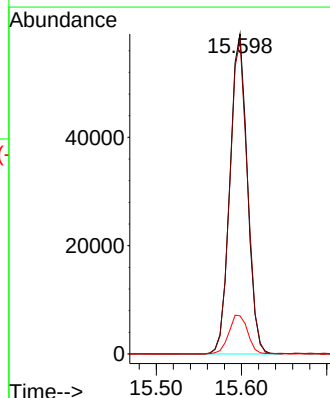
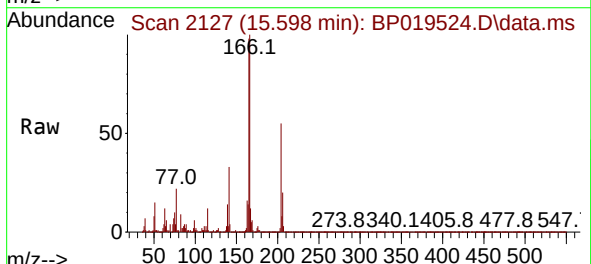
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

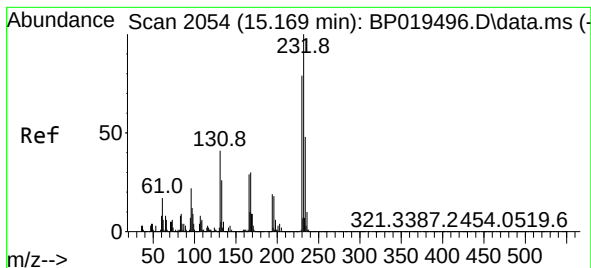
Tgt Ion:165 Resp: 22349
Ion Ratio Lower Upper
165 100
63 48.5 36.9 55.3
89 78.5 61.1 91.7
182 1.7 2.2 3.2#



#58
Fluorene
Concen: 5.434 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:166 Resp: 83602
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 11.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.416 ng

RT: 15.169 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:232 Resp: 24284

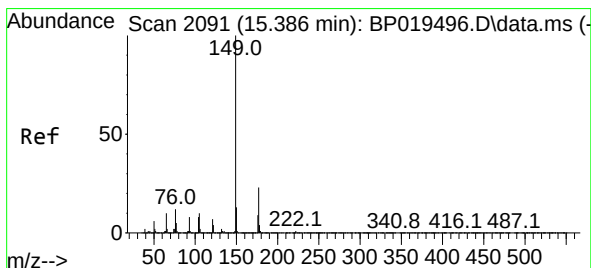
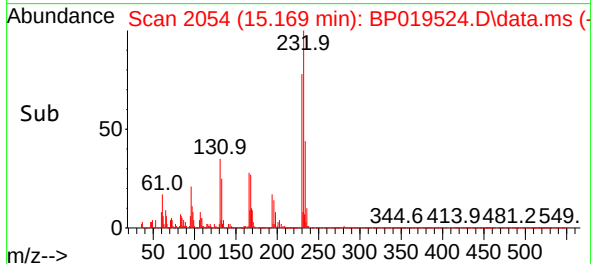
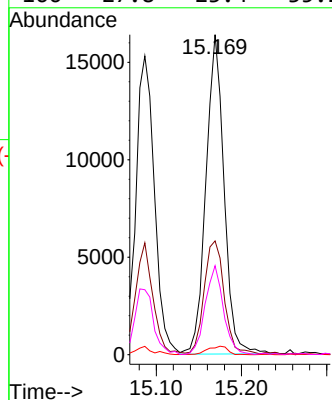
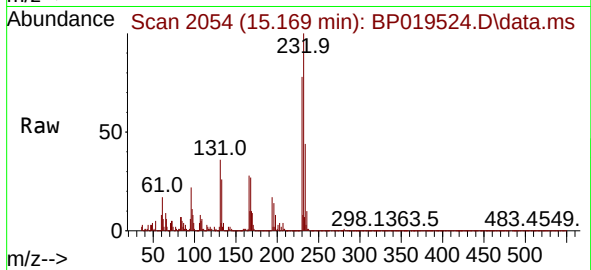
Ion Ratio Lower Upper

232 100

131 39.0 32.4 48.6

130 3.0 1.9 2.9#

166 27.8 23.4 35.2



#60

Diethylphthalate

Concen: 5.443 ng

RT: 15.381 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

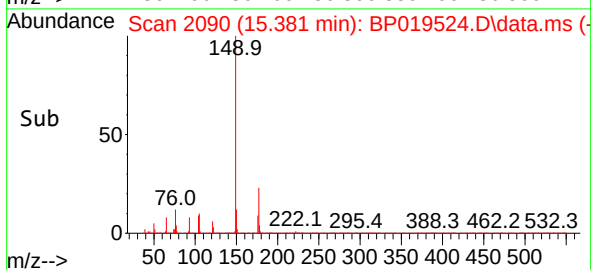
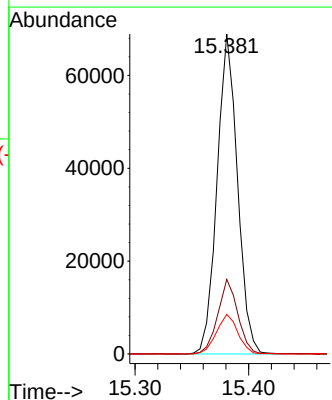
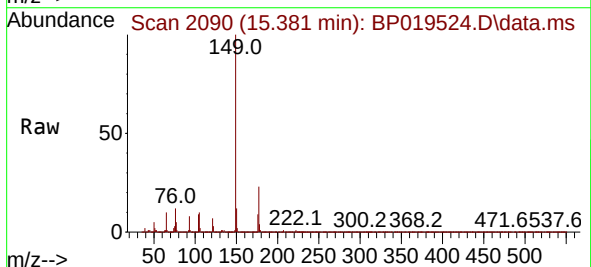
Tgt Ion:149 Resp: 86149

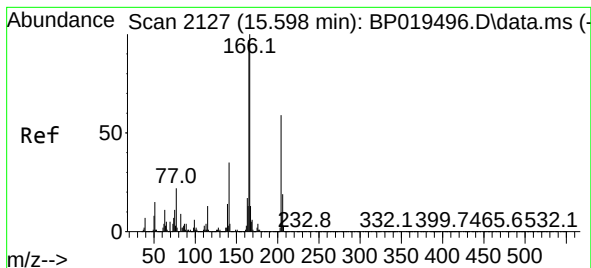
Ion Ratio Lower Upper

149 100

177 23.3 18.2 27.2

150 12.3 10.2 15.4

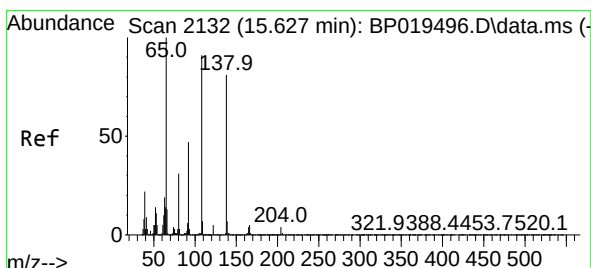
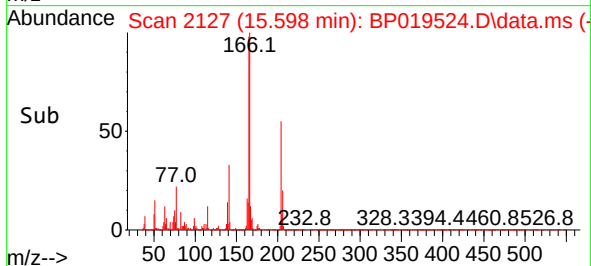
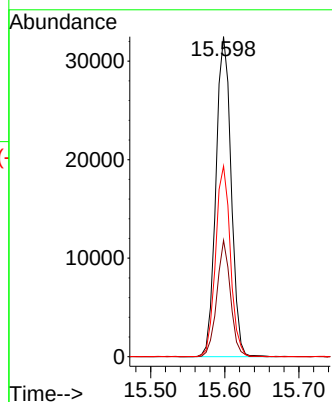
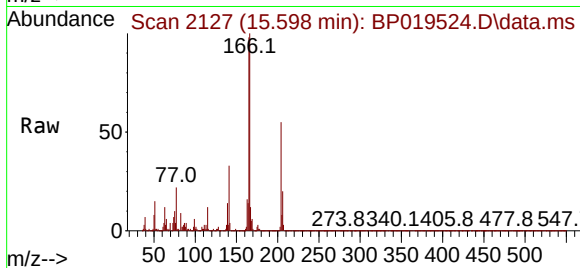




#61
4-Chlorophenyl-phenylether
Concen: 5.348 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

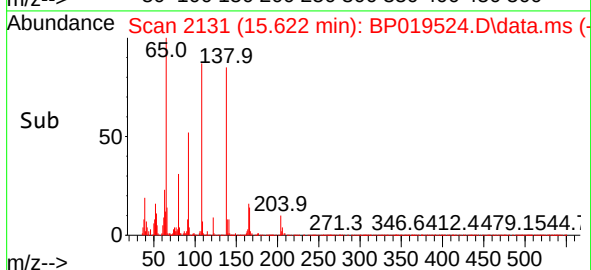
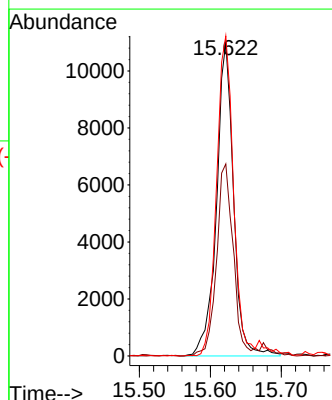
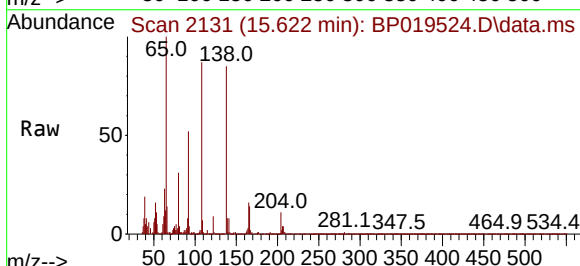
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

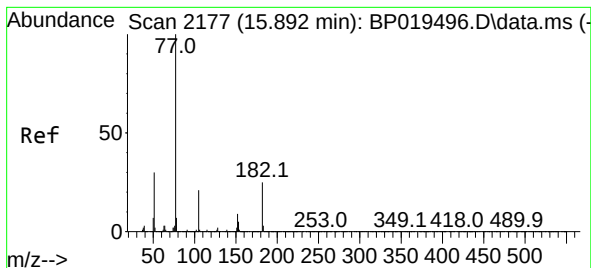
Tgt Ion:204 Resp: 46239
Ion Ratio Lower Upper
204 100
206 36.3 26.5 39.7
141 59.5 48.5 72.7



#62
4-Nitroaniline
Concen: 5.438 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:138 Resp: 18316
Ion Ratio Lower Upper
138 100
92 61.3 38.3 78.3
108 102.2 91.2 131.2





#63

Azobenzene

Concen: 5.339 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNP_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 77 Resp: 81728

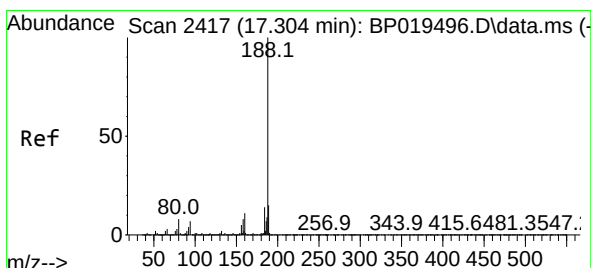
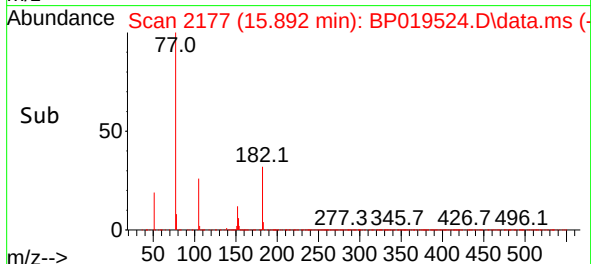
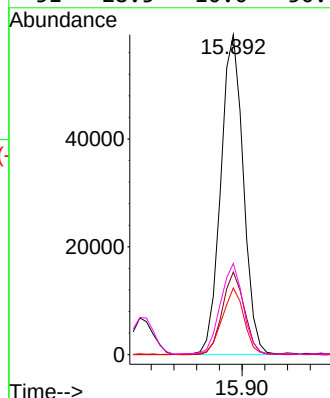
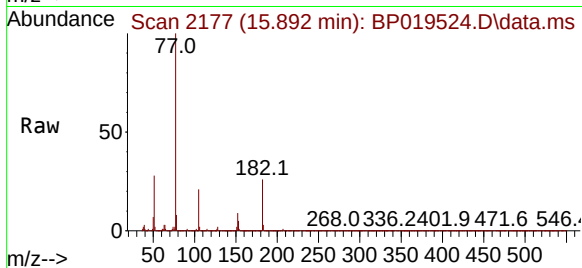
Ion Ratio Lower Upper

77 100

182 25.8 5.1 45.1

105 20.8 0.8 40.8

51 28.5 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

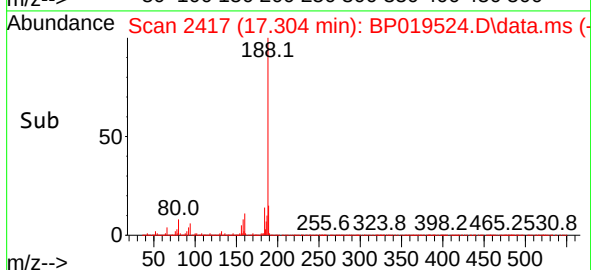
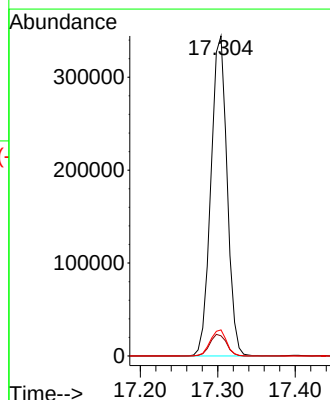
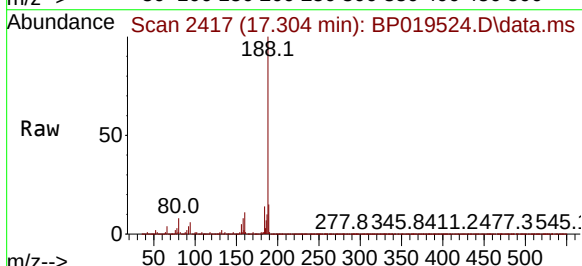
Tgt Ion: 188 Resp: 501969

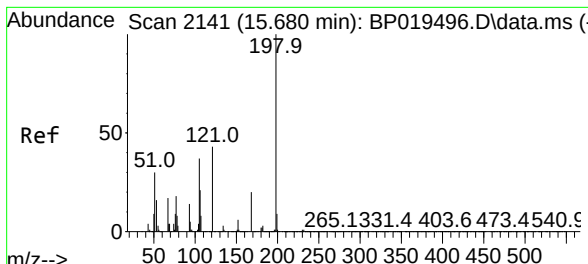
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 8.2 6.3 9.5

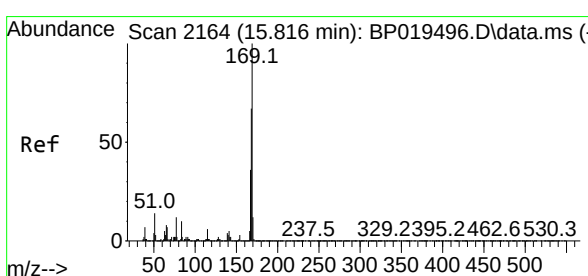
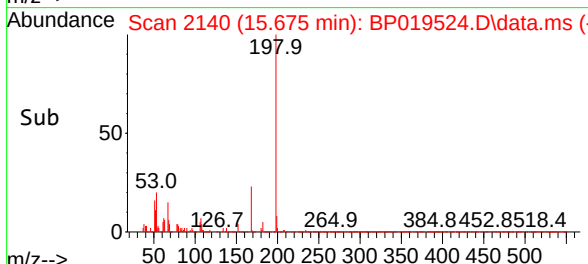
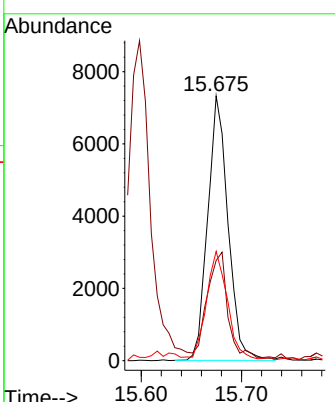
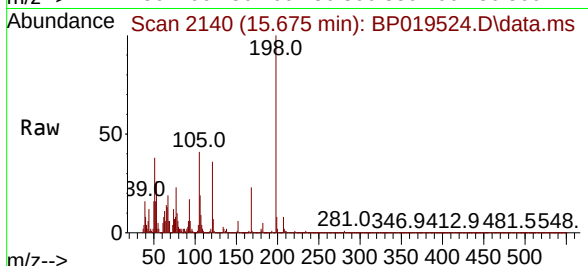




#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.603 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

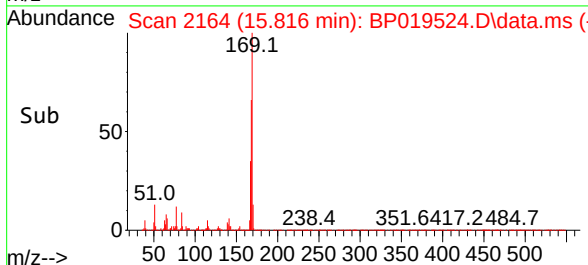
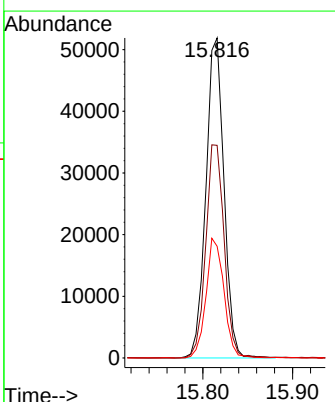
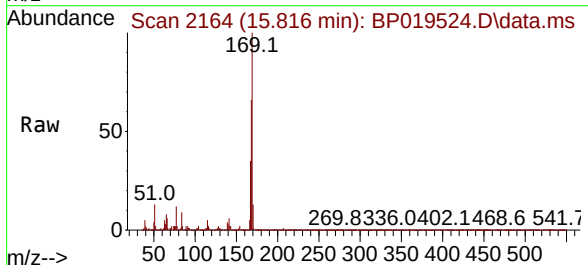
Instrument : BNA_P
 ClientSampleId : LOQ-WATER-02-QT4-2023

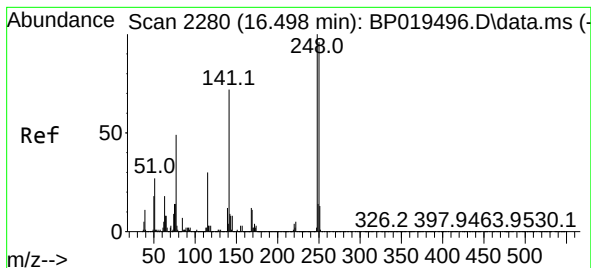
Tgt Ion:	198	Resp:	10313
Ion	Ratio	Lower	Upper
198	100		
51	37.8	21.2	61.2
105	41.3	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 4.819 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

Tgt Ion:	169	Resp:	72441
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	34.9	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 4.454 ng

RT: 16.492 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

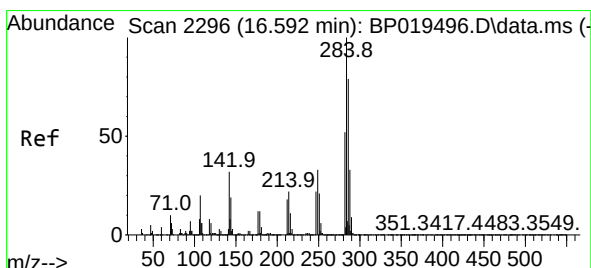
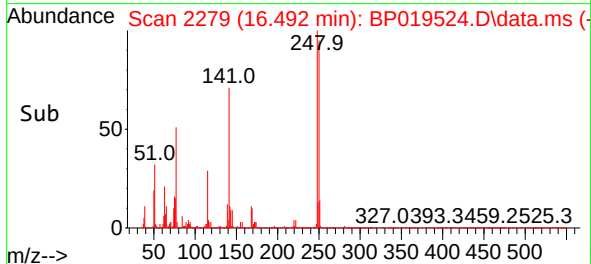
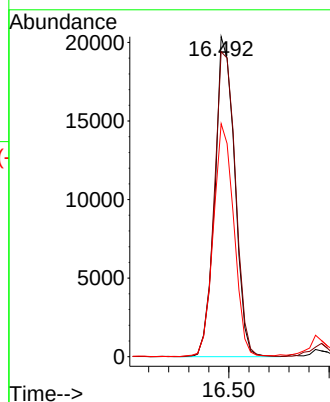
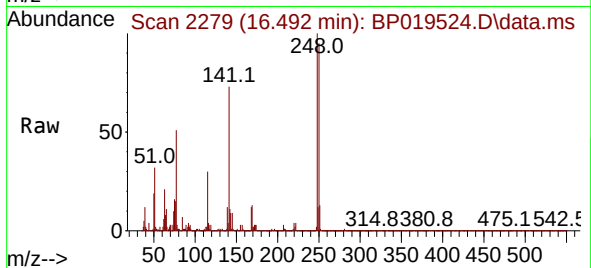
Tgt Ion:248 Resp: 27950

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

141 72.8 58.0 87.0



#68

Hexachlorobenzene

Concen: 4.652 ng

RT: 16.592 min Scan# 2296

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

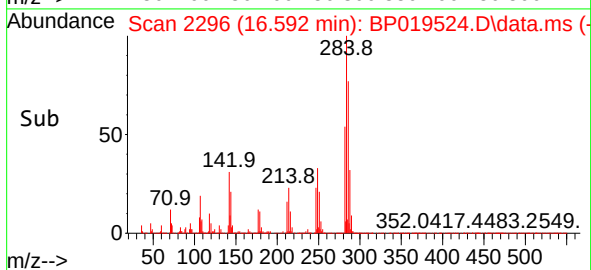
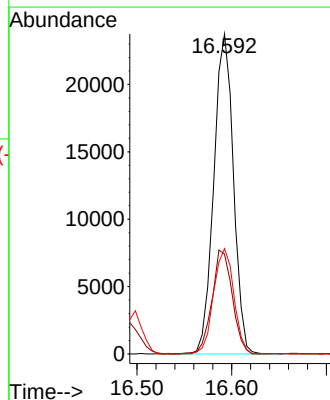
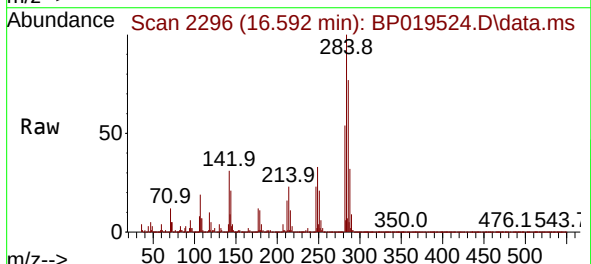
Tgt Ion:284 Resp: 34089

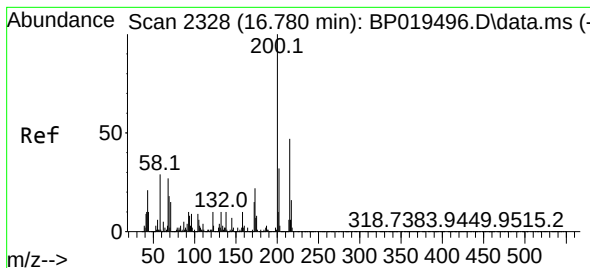
Ion Ratio Lower Upper

284 100

142 31.2 25.4 38.2

249 36.5 26.5 39.7





#69

Atrazine

Concen: 6.050 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

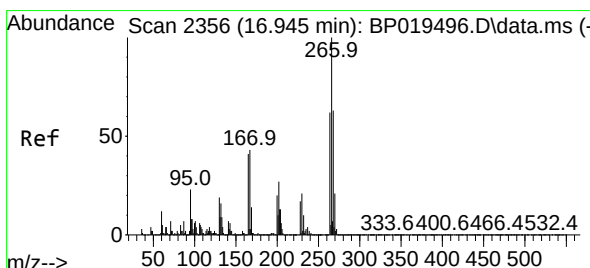
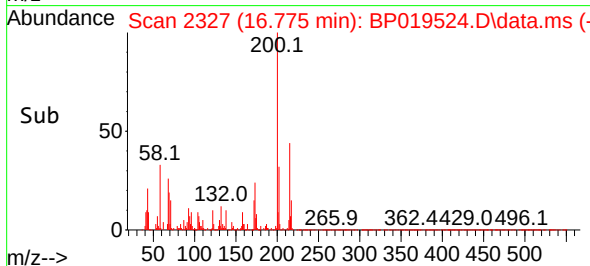
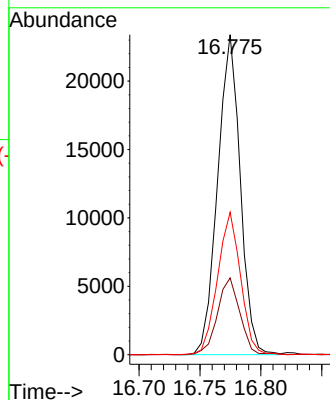
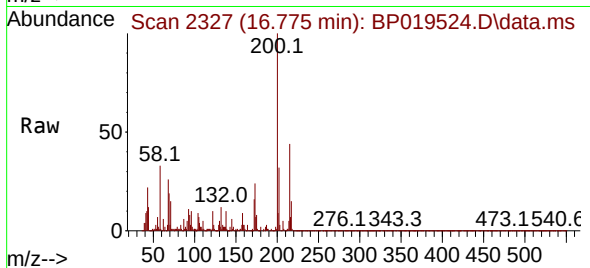
Tgt Ion:200 Resp: 30180

Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 44.5 26.9 66.9



#70

Pentachlorophenol

Concen: 3.827 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

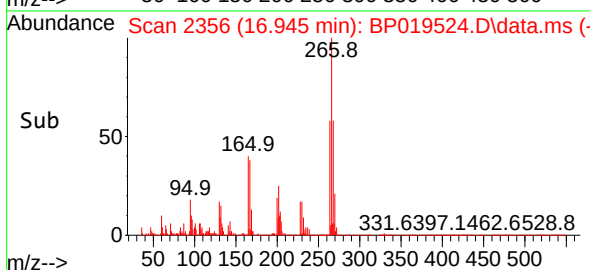
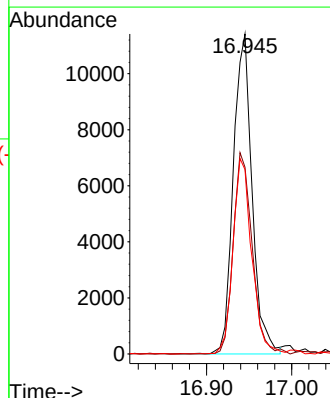
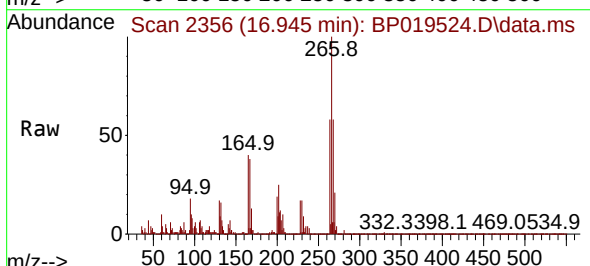
Tgt Ion:266 Resp: 17464

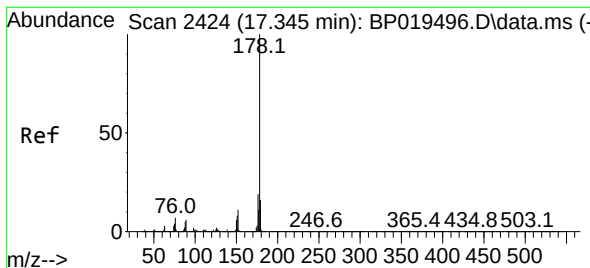
Ion Ratio Lower Upper

266 100

268 58.4 50.3 75.5

264 57.6 49.7 74.5





#71

Phenanthrene

Concen: 5.354 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

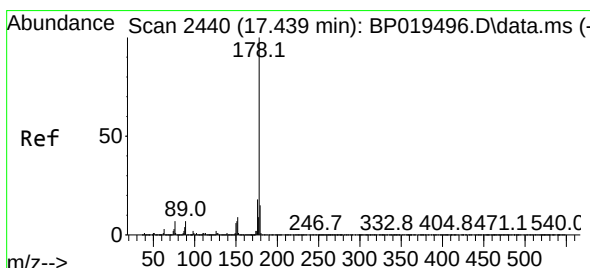
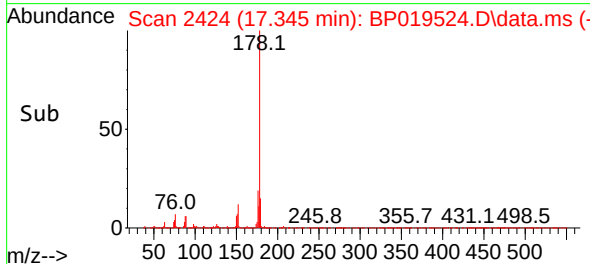
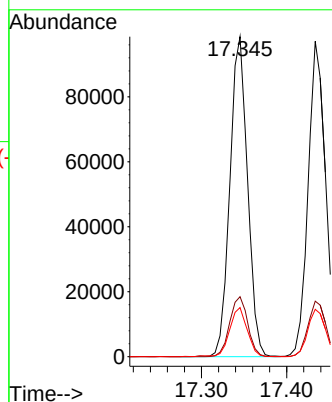
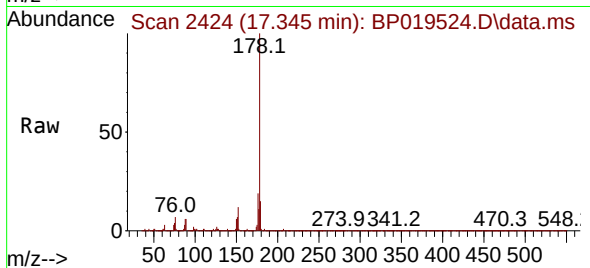
Tgt Ion:178 Resp: 141436

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 5.222 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

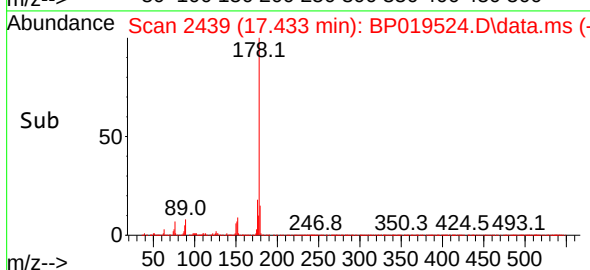
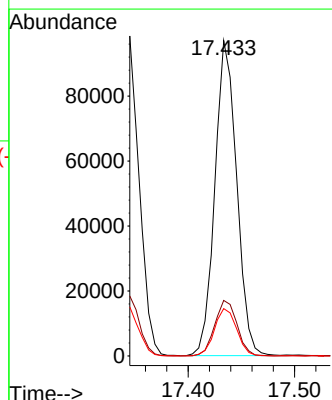
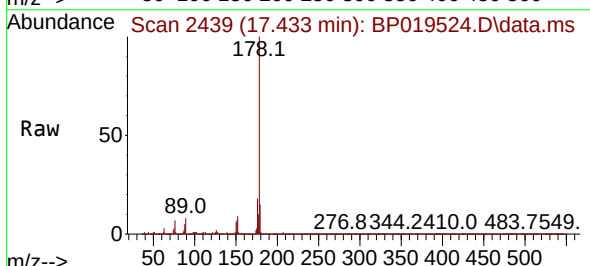
Tgt Ion:178 Resp: 137608

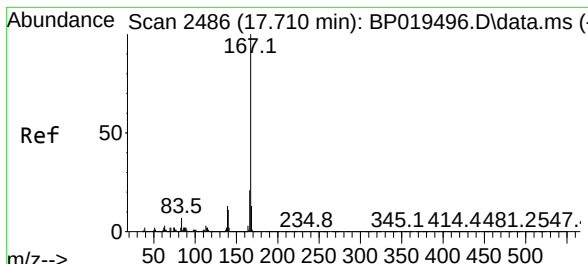
Ion Ratio Lower Upper

178 100

176 17.6 14.7 22.1

179 15.0 12.2 18.2

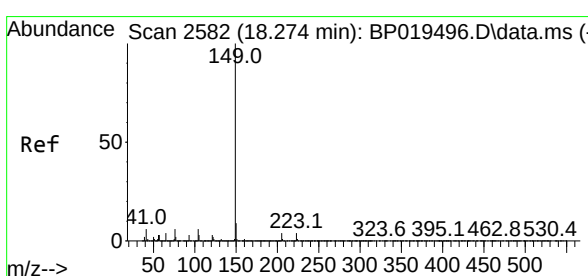
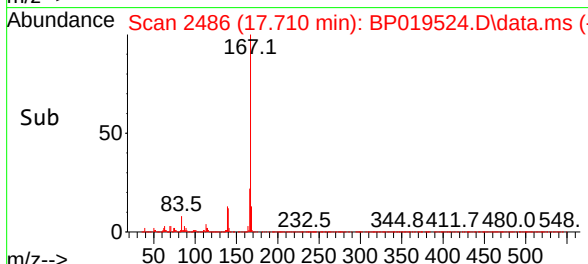
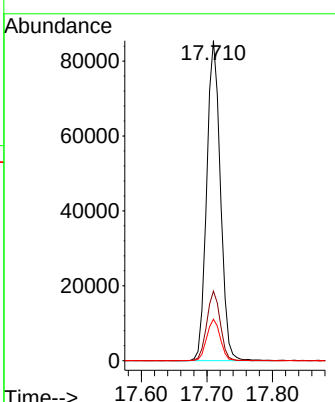
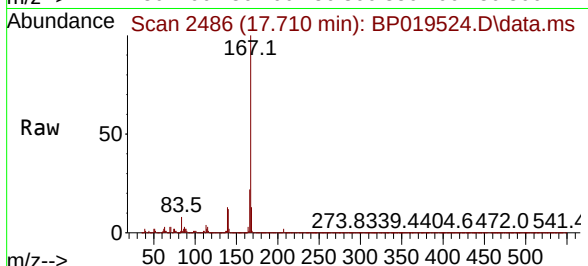




#73
 Carbazole
 Concen: 5.176 ng
 RT: 17.710 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

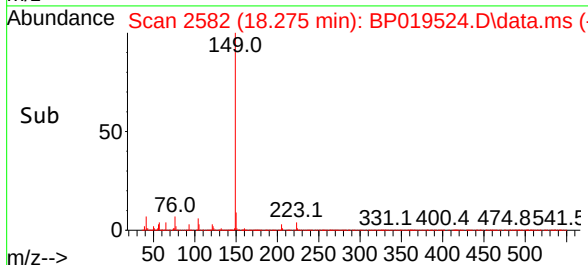
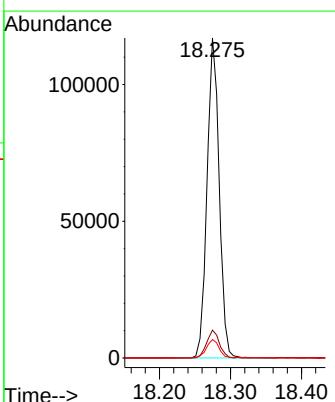
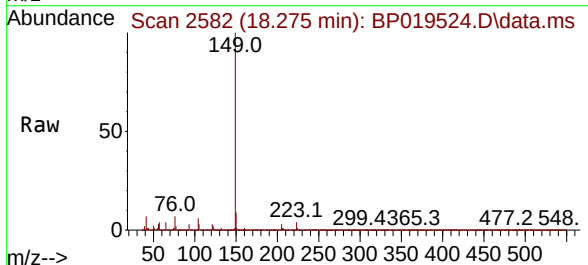
Instrument : BNA_P
 ClientSampleId : LOQ-WATER-02-QT4-2023

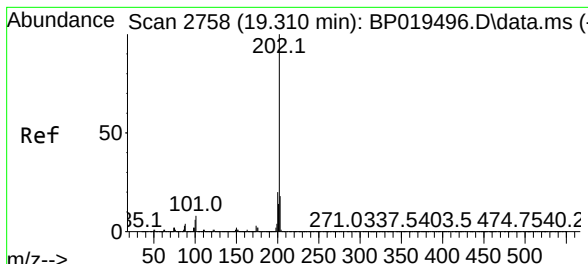
Tgt Ion:	167	Resp:	123918
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.0	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 4.800 ng
 RT: 18.275 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

Tgt Ion:	149	Resp:	138943
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.3	10.9
104	5.8	4.8	7.2

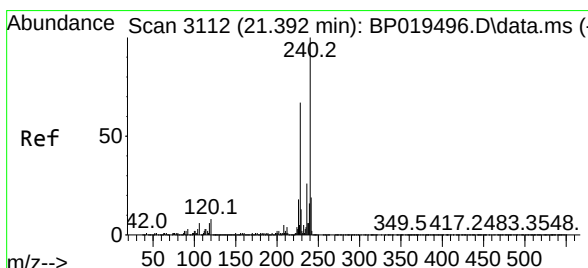
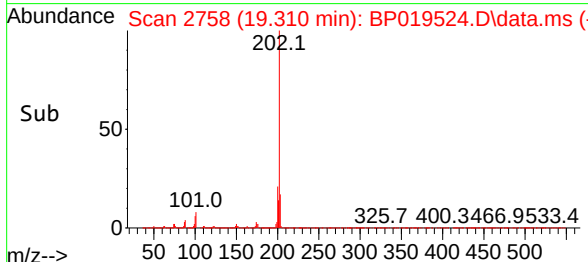
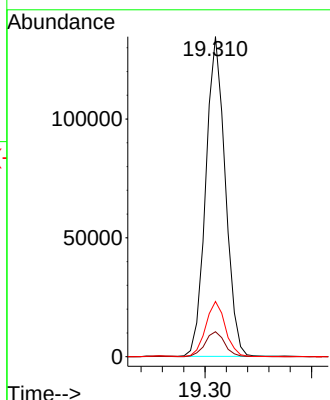
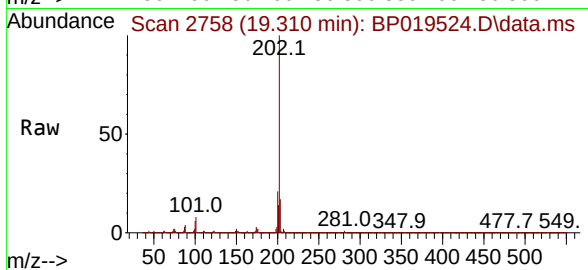




#75
 Fluoranthene
 Concen: 5.299 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

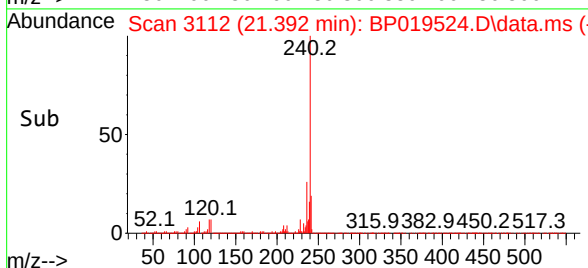
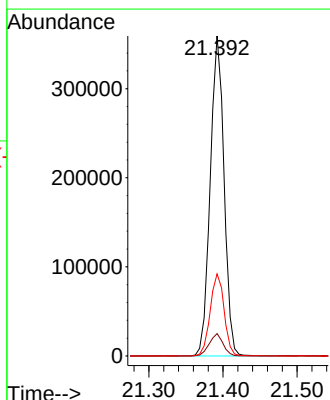
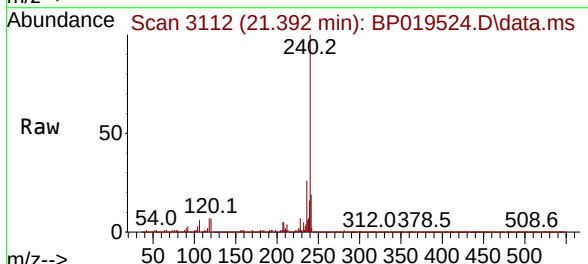
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

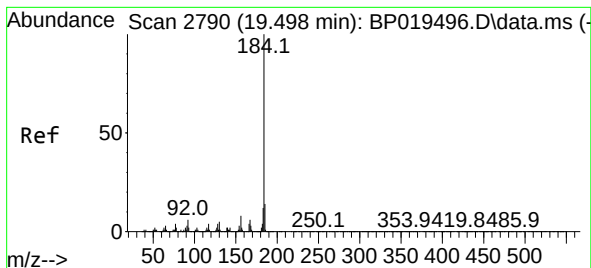
Tgt Ion:	202	Resp:	170999
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	17.2	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019524.D
 Acq: 02 Feb 2024 12:48

Tgt Ion:	240	Resp:	464433
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	25.7	20.7	31.1





#77

Benzidine

Concen: 7.435 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

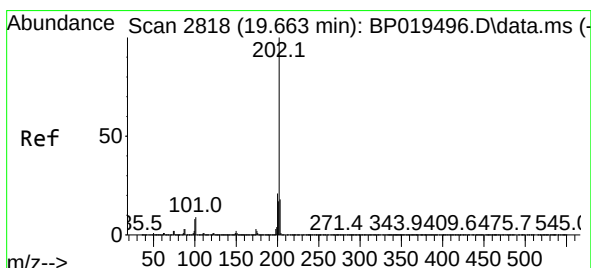
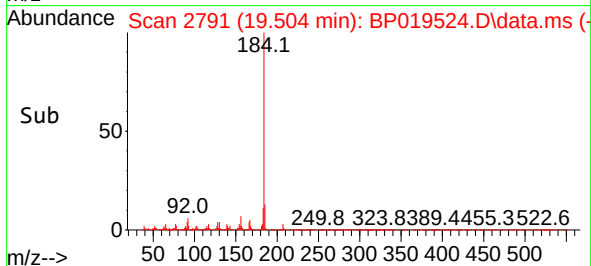
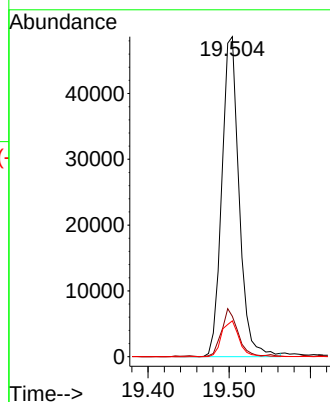
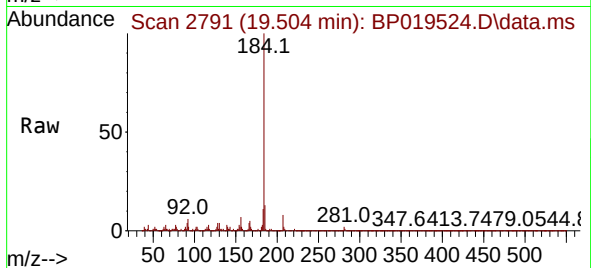
Tgt Ion:184 Resp: 72193

Ion Ratio Lower Upper

184 100

185 12.6 11.1 16.7

183 11.2 9.7 14.5



#78

Pyrene

Concen: 5.412 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

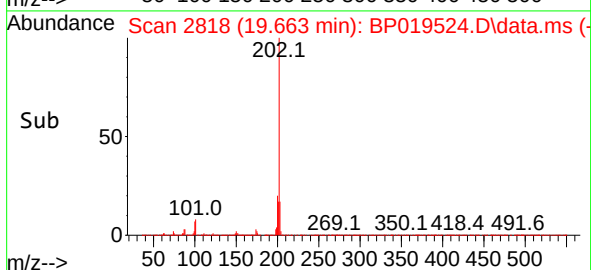
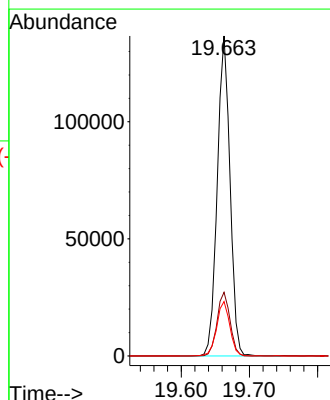
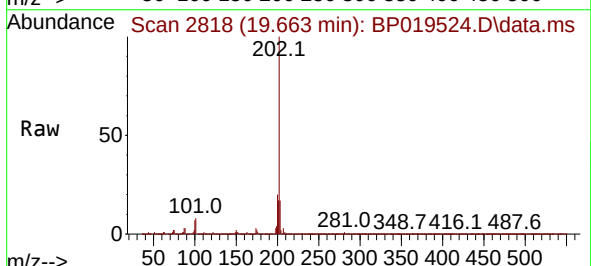
Tgt Ion:202 Resp: 177378

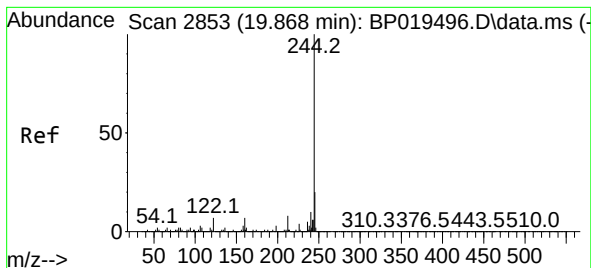
Ion Ratio Lower Upper

202 100

200 19.9 16.9 25.3

203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 97.738 ng

RT: 19.869 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

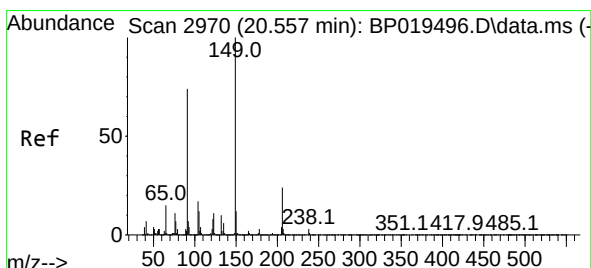
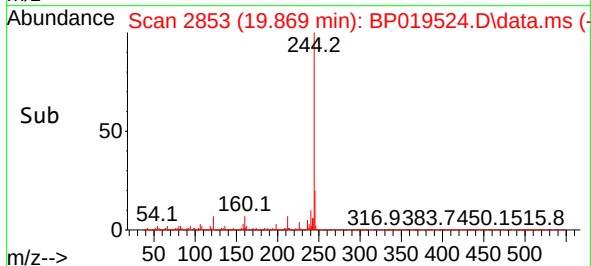
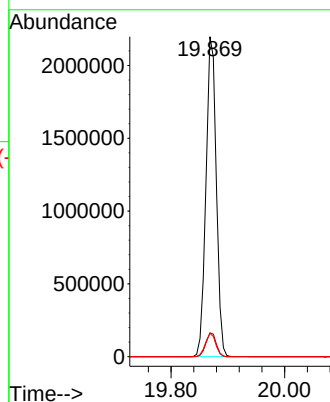
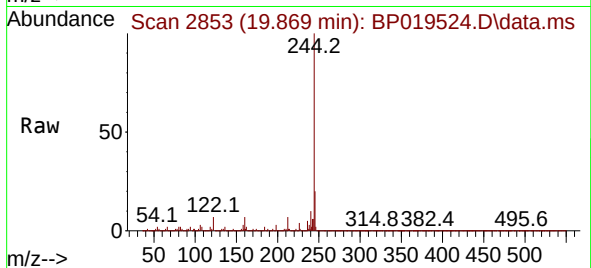
Tgt Ion:244 Resp: 2760190

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.3 5.9 8.9



#80

Butylbenzylphthalate

Concen: 4.684 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

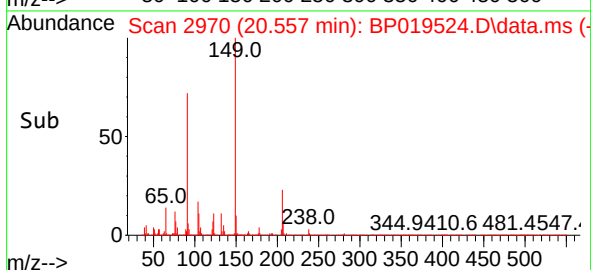
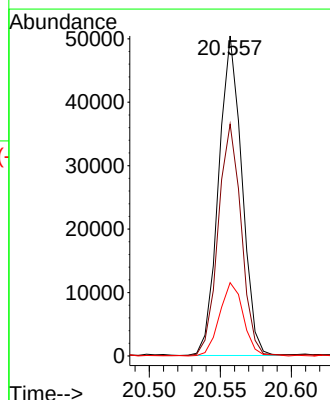
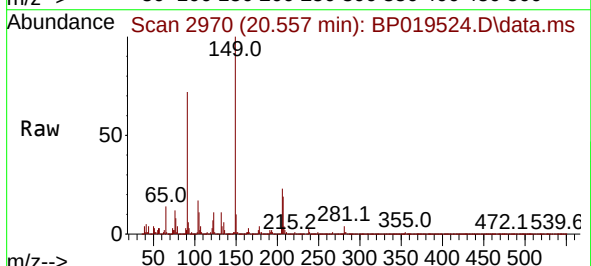
Tgt Ion:149 Resp: 57333

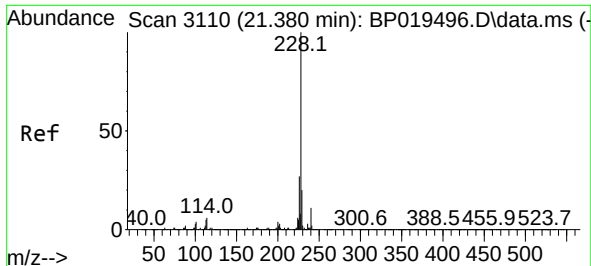
Ion Ratio Lower Upper

149 100

91 72.5 59.4 89.0

206 22.9 19.0 28.6



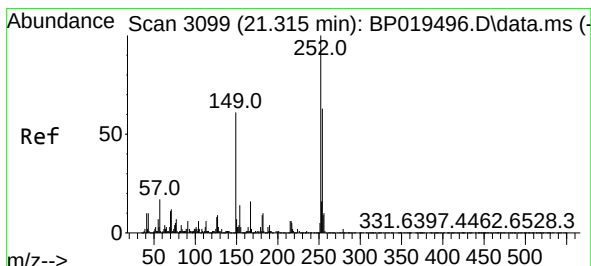
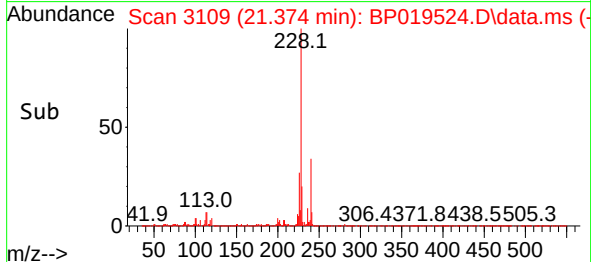
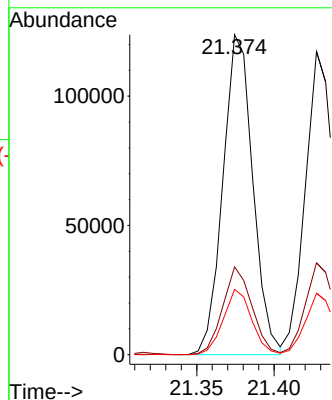
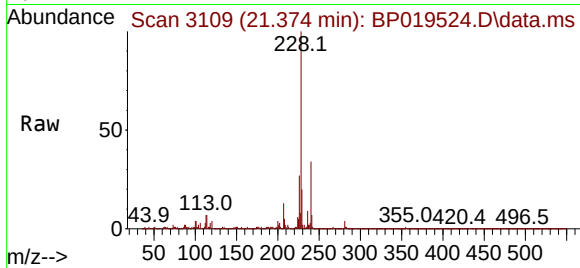


#81
Benzo(a)anthracene
Concen: 5.083 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion:228 Resp: 166167

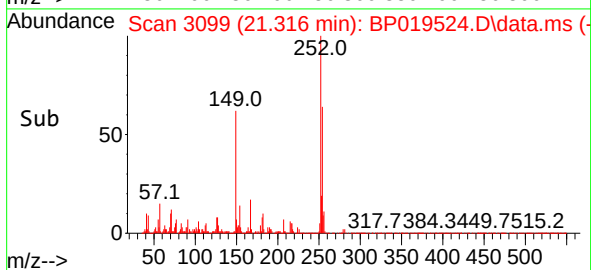
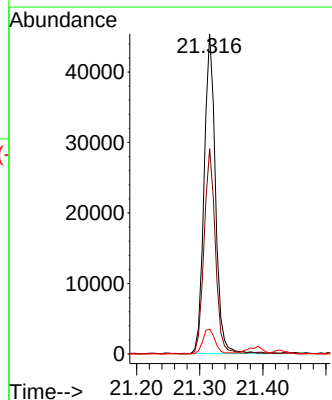
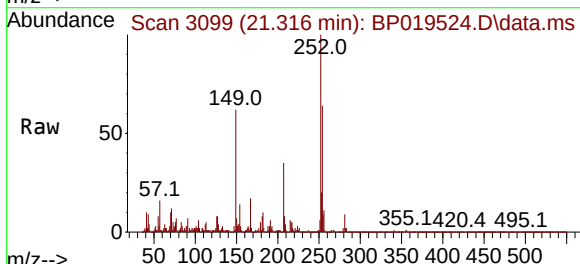
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.4	15.6	23.4

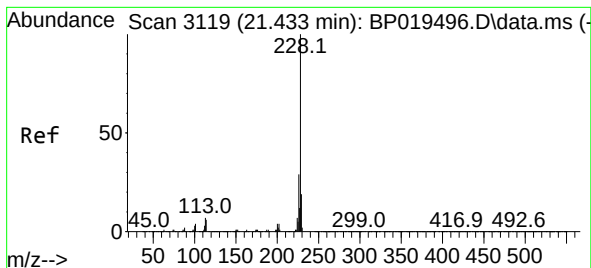


#82
3,3'-Dichlorobenzidine
Concen: 4.754 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP019524.D
Acq: 02 Feb 2024 12:48

Tgt Ion:252 Resp: 56631

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	7.7	6.4	9.6





#83

Chrysene

Concen: 4.948 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

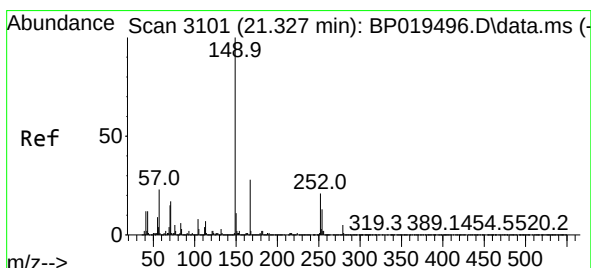
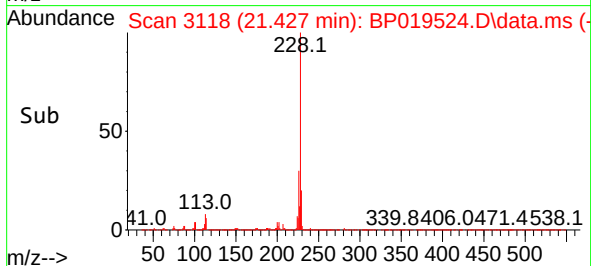
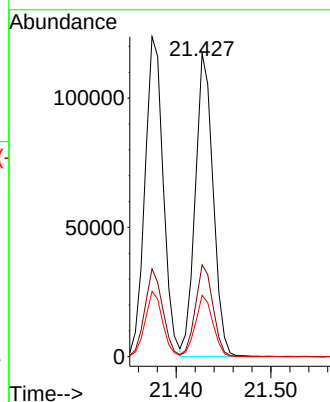
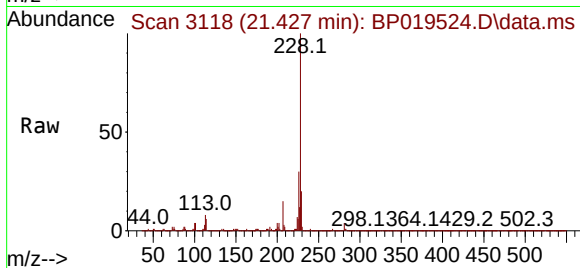
Tgt Ion:228 Resp: 153589

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.342 ng

RT: 21.327 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

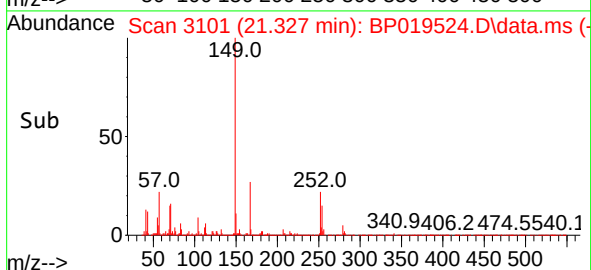
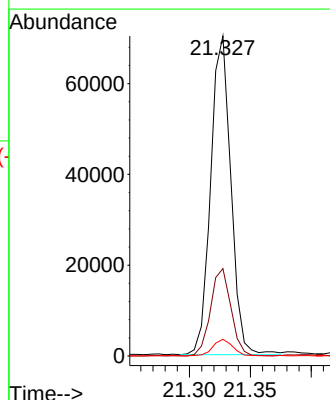
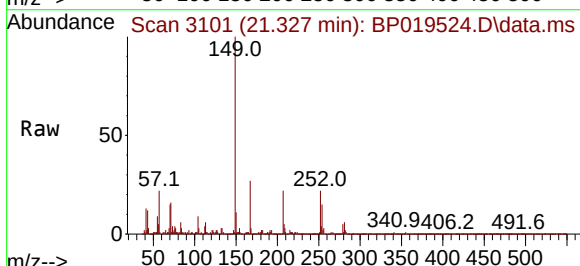
Tgt Ion:149 Resp: 80925

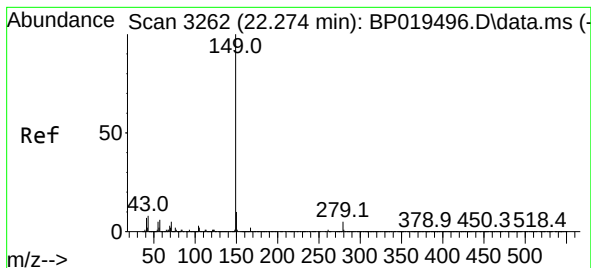
Ion Ratio Lower Upper

149 100

167 27.3 22.7 34.1

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 3.524 ng

RT: 22.269 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

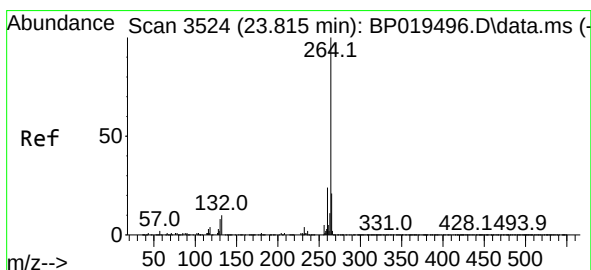
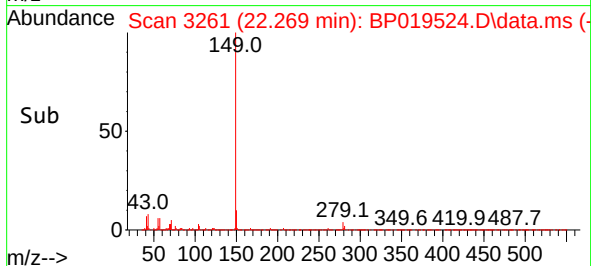
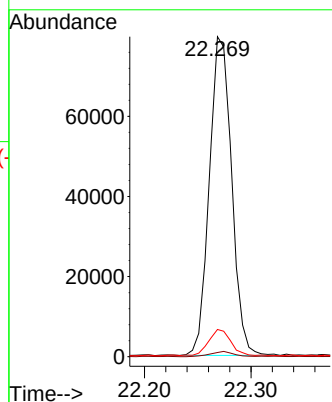
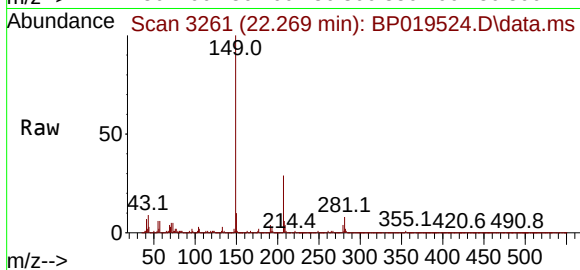
Tgt Ion:149 Resp: 115572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

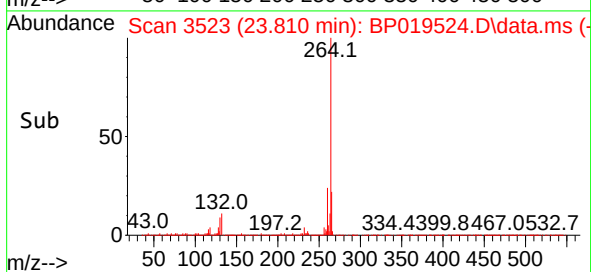
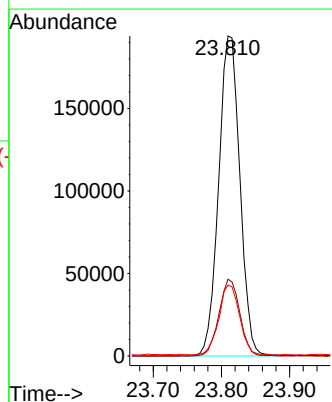
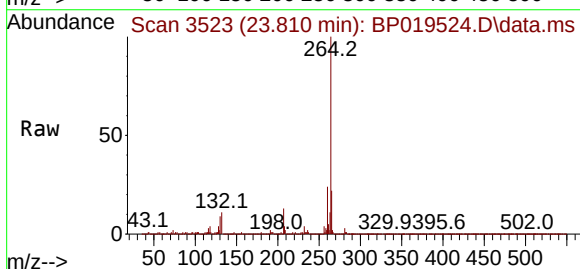
Tgt Ion:264 Resp: 420384

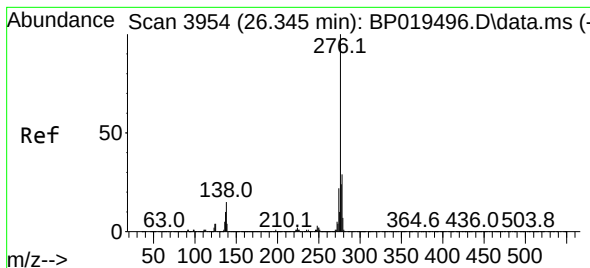
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.550 ng

RT: 26.333 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

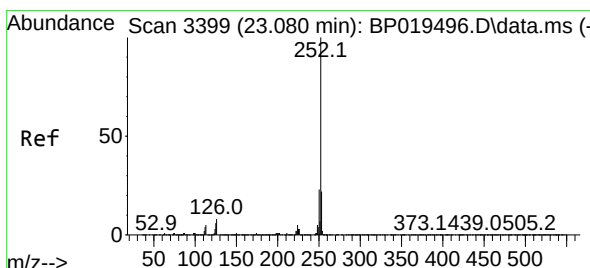
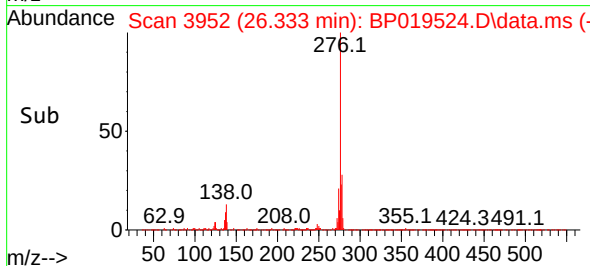
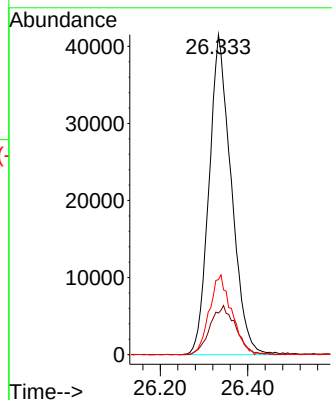
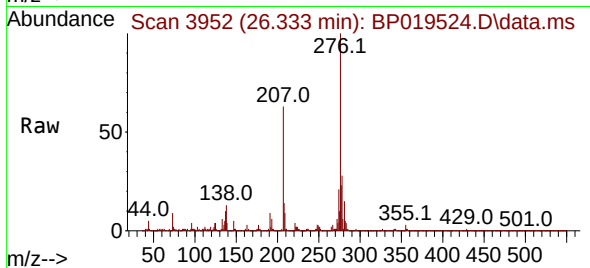
Tgt Ion:276 Resp: 146405

Ion Ratio Lower Upper

276 100

138 17.6 13.1 19.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 5.249 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

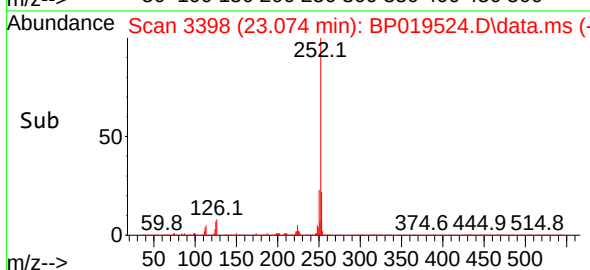
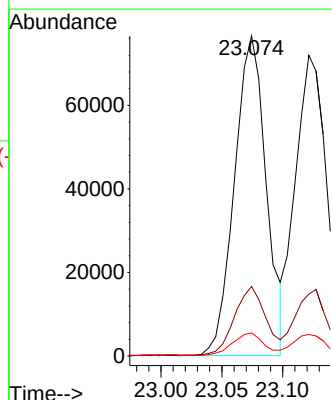
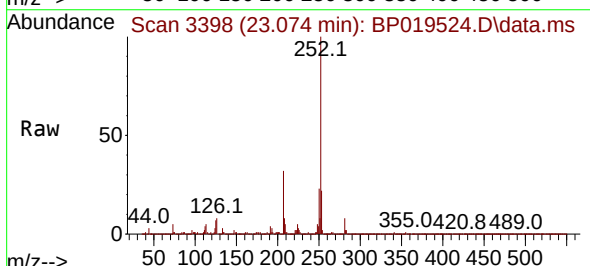
Tgt Ion:252 Resp: 139063

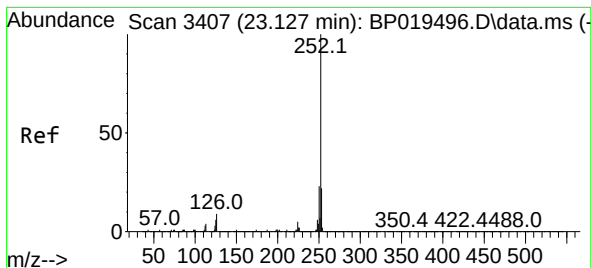
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 7.2 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 5.125 ng

RT: 23.121 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

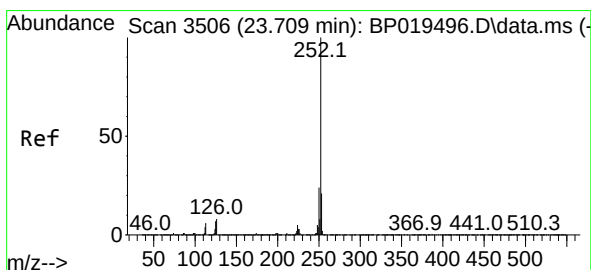
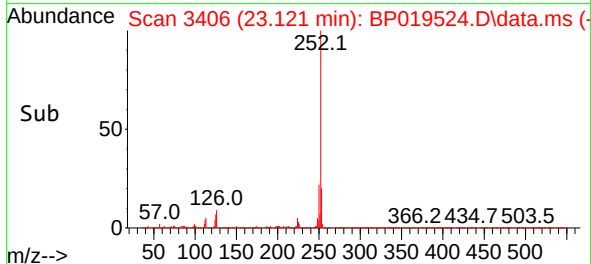
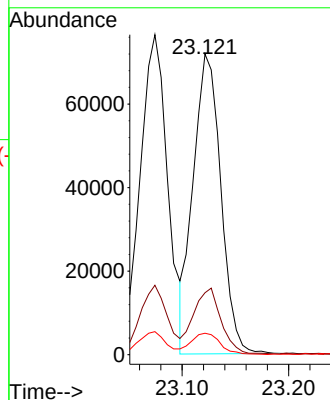
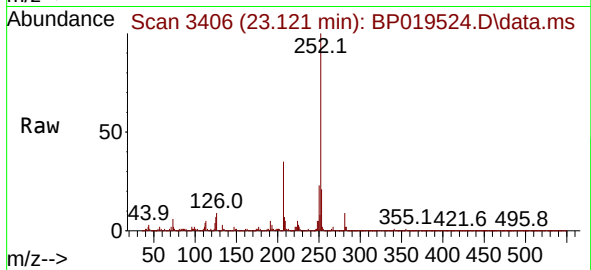
Tgt Ion:252 Resp: 129718

Ion Ratio Lower Upper

252 100

253 20.6 17.1 25.7

125 7.1 5.0 7.6



#90

Benzo(a)pyrene

Concen: 4.832 ng

RT: 23.704 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

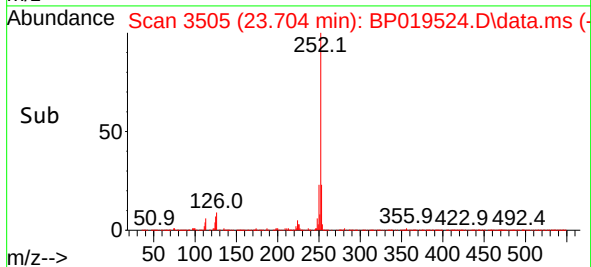
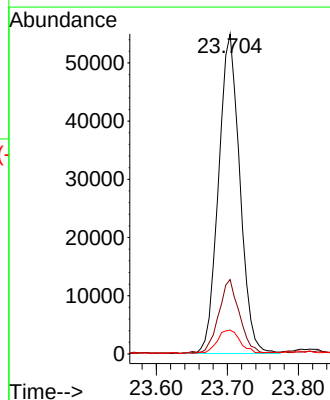
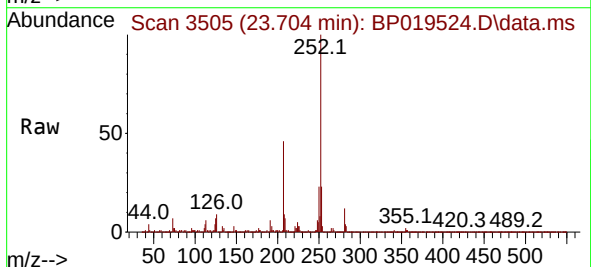
Tgt Ion:252 Resp: 113916

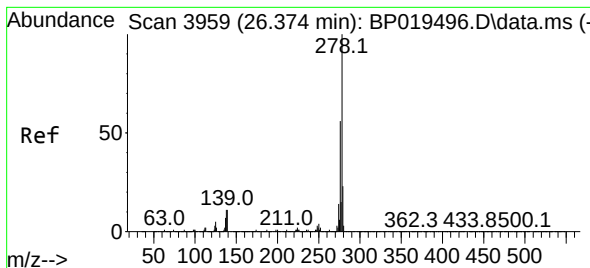
Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 7.5 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 4.606 ng

RT: 26.368 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2023

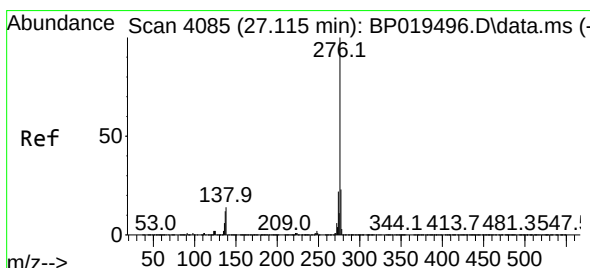
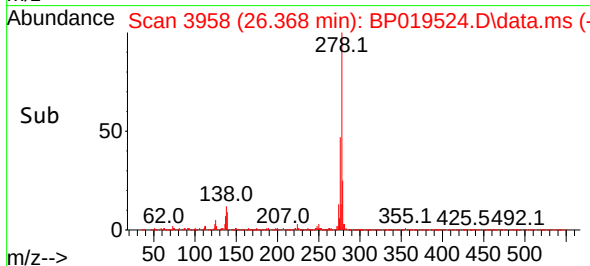
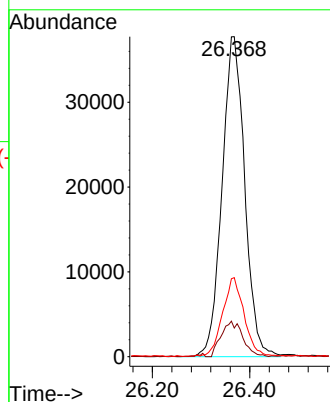
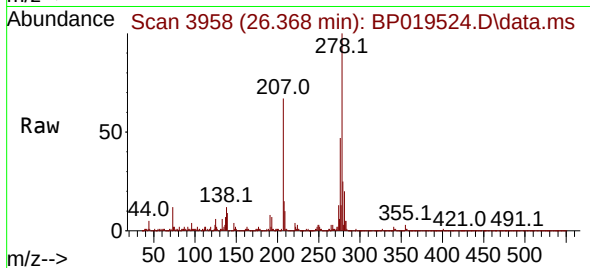
Tgt Ion:278 Resp: 121892

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

279 24.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 4.451 ng

RT: 27.109 min Scan# 4084

Delta R.T. -0.006 min

Lab File: BP019524.D

Acq: 02 Feb 2024 12:48

Tgt Ion:276 Resp: 119515

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 14.4 10.9 16.3

